

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111317.D
 Acq On : 12 Dec 2018 11:37
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
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Sohil
 12/13/2018 6:05:54 PM

Quant Time: Dec 12 12:12:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 11:40:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	342485	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1408614	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	638700	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1083856	20.00	ng	0.00
76) Chrysene-d12	13.96	240	685559	20.00	ng	0.00
87) Perylene-d12	15.39	264	558867	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	2003095	92.36	ng	0.00
7) Phenol-d6	6.43	99	2613250	96.95	ng	0.00
23) Nitrobenzene-d5	7.36	82	2452971	97.67	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	538975	95.26	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3788202	93.56	ng	0.00
79) Terphenyl-d14	12.90	244	2986150	104.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	495037	44.484	ng	99
3) Pyridine	3.26	79	1307344	44.220	ng	98
4) n-Nitrosodimethylamine	3.20	42	592853	47.033	ng	92
6) Aniline	6.46	93	1696300	47.201	ng	99
8) 2-Chlorophenol	6.59	128	1203388	48.812	ng	95
9) Benzaldehyde	6.34	77	710737	42.488	ng	100
10) Phenol	6.45	94	1485647	47.138	ng	81
11) bis(2-Chloroethyl)ether	6.53	93	1190710	48.850	ng	98
12) 1,3-Dichlorobenzene	6.74	146	1292997	48.811	ng	99
13) 1,4-Dichlorobenzene	6.82	146	1309600	48.962	ng	100
14) 1,2-Dichlorobenzene	6.97	146	1191016	47.741	ng	99
15) Benzyl Alcohol	6.94	79	1017504	47.702	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	2291144	50.205	ng	99
17) 2-Methylphenol	7.06	107	990300	49.201	ng	98
18) Hexachloroethane	7.31	117	498735	48.975	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	868279	48.088	ng	97
20) 3+4-Methylphenols	7.21	107	1120583	46.807	ng	98
22) Acetophenone	7.21	105	1538845	47.745	ng	99
24) Nitrobenzene	7.38	77	1253487	47.956	ng	99
25) Isophorone	7.62	82	2069150	48.373	ng	98
26) 2-Nitrophenol	7.69	139	654223	50.376	ng	96
27) 2,4-Dimethylphenol	7.73	122	929720	46.329	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	1414043	47.738	ng	99
29) 2,4-Dichlorophenol	7.94	162	983284	47.919	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	995533	49.254	ng	100
31) Naphthalene	8.10	128	3087881	50.228	ng	99
32) Benzoic acid	7.88	122	853251m	51.417	ng	
33) 4-Chloroaniline	8.15	127	1441083	48.805	ng	98
34) Hexachlorobutadiene	8.23	225	550897	49.376	ng	98
35) Caprolactam	8.54	113	349894m	48.121	ng	
36) 4-Chloro-3-methylphenol	8.63	107	1039670	49.486	ng	98
37) 2-Methylnaphthalene	8.79	142	2020443	49.501	ng	100
38) 1-Methylnaphthalene	8.89	142	1948489	48.747	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	864041	48.618	ng	100

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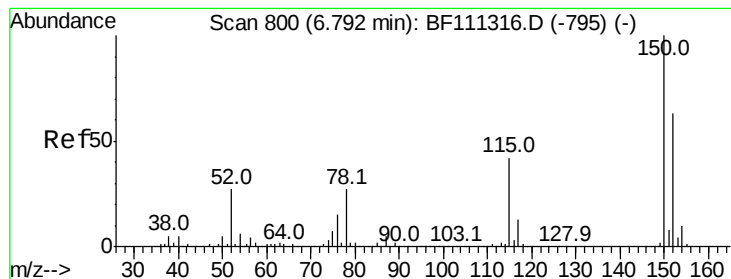
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	475875	47.018	ng	97
43) 2,4,6-Trichlorophenol	9.07	196	631387	47.329	ng	100
44) 2,4,5-Trichlorophenol	9.11	196	684272	49.240	ng	95
46) 1,1'-Biphenyl	9.26	154	2573393	47.931	ng	99
47) 2-Chloronaphthalene	9.28	162	2023631	48.422	ng	99
48) 2-Nitroaniline	9.37	65	696746	48.873	ng	96
49) Acenaphthylene	9.70	152	2908386	47.938	ng	98
50) Dimethylphthalate	9.56	163	2219536	47.097	ng	99
51) 2,6-Dinitrotoluene	9.62	165	517972	49.769	ng	99
52) Acenaphthene	9.87	154	1865757	49.005	ng	98
53) 3-Nitroaniline	9.79	138	620435	48.297	ng	100
54) 2,4-Dinitrophenol	9.89	184	216890	52.736	ng	93
55) Dibenzofuran	10.04	168	2654399	51.247	ng	100
56) 4-Nitrophenol	9.95	139	460808	46.058	ng	99
57) 2,4-Dinitrotoluene	10.02	165	665564	51.875	ng	98
58) Fluorene	10.39	166	1866878	46.576	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	513165	48.717	ng	99
60) Diethylphthalate	10.26	149	2201321	48.995	ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	922533	46.356	ng	98
62) 4-Nitroaniline	10.40	138	590619	48.591	ng	99
63) Azobenzene	10.53	77	2236290	47.941	ng	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	328008	56.087	ng	86
66) n-Nitrosodiphenylamine	10.50	169	1849582	50.131	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	586278	49.386	ng	94
68) Hexachlorobenzene	10.93	284	602456	49.888	ng	94
69) Atrazine	11.02	200	531289	47.354	ng	98
70) Pentachlorophenol	11.12	266	435118	49.668	ng	98
71) Phenanthrene	11.35	178	2653684	48.541	ng	97
72) Anthracene	11.39	178	2692921	47.084	ng	97
73) Carbazole	11.55	167	2817729	47.115	ng	98
74) Di-n-butylphthalate	11.89	149	3173111	51.620	ng	98
75) Fluoranthene	12.53	202	2567611	51.414	ng	98
77) Benzidine	12.64	184	713655	35.059	ng	100
78) Pyrene	12.76	202	2658356	54.263	ng	98
80) Butylbenzylphthalate	13.38	149	1284393	50.194	ng	93
81) Benzo(a)anthracene	13.94	228	1836690	48.022	ng	98
82) 3,3'-Dichlorobenzidine	13.90	252	676935	43.182	ng	96
83) Chrysene	13.98	228	1903017	48.264	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	1534062	50.452	ng	99
85) Di-n-octyl phthalate	14.56	149	2472865	48.522	ng	99
86) Indeno(1,2,3-cd)pyrene	16.81	276	1539083	48.356	ng	97
88) Benzo(b)fluoranthene	14.98	252	1585484	51.299	ng	98
89) Benzo(k)fluoranthene	15.01	252	1519175	52.281	ng	99
90) Benzo(a)pyrene	15.33	252	1431475	50.296	ng	98
91) Dibenzo(a,h)anthracene	16.83	278	1271546	56.881	ng	96
92) Benzo(g,h,i)perylene	17.24	276	1298965	58.047	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



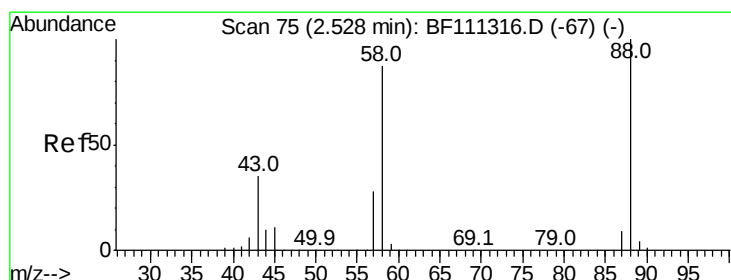
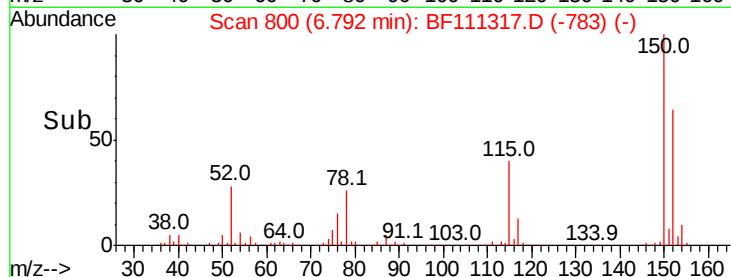
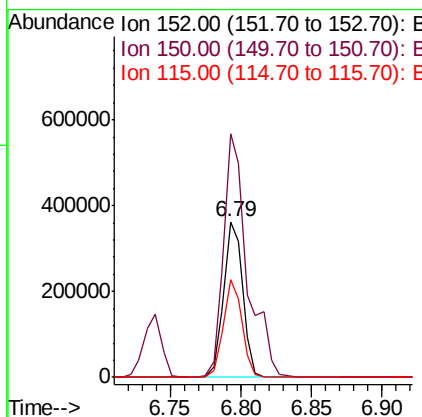
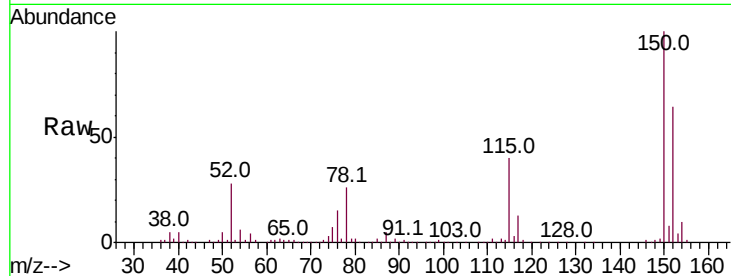
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.6	189.8
115	63.2	50.7	76.1

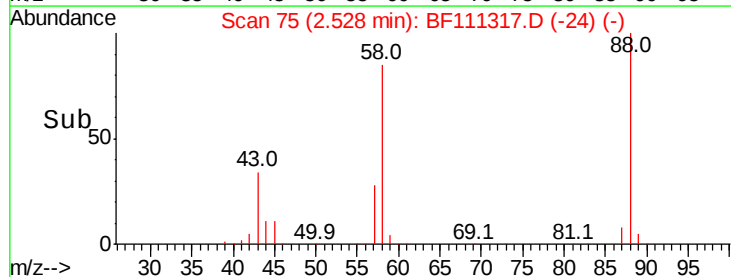
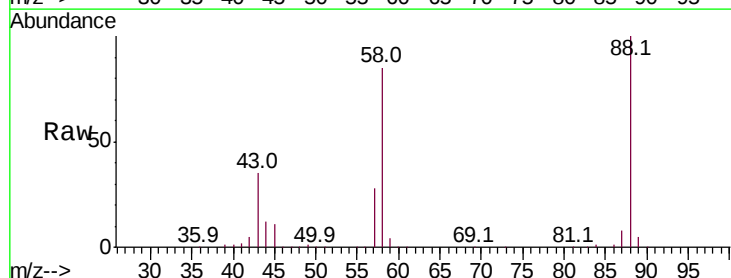
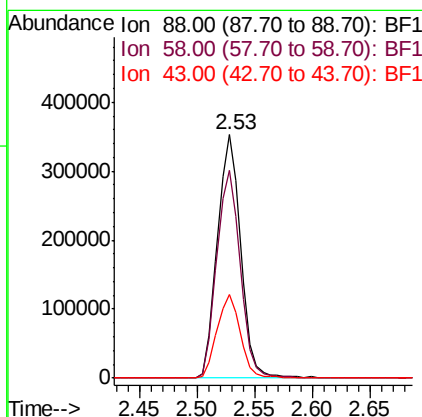
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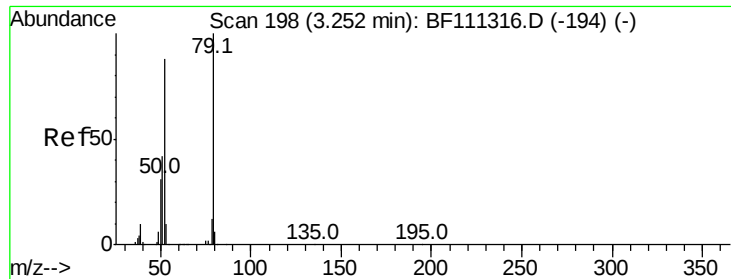
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#2
 1,4-Dioxane
 Concen: 44.484 ng
 RT: 2.53 min Scan# 75
 Delta R.T. -0.00 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.9	68.9	103.3
43	34.4	25.8	38.6





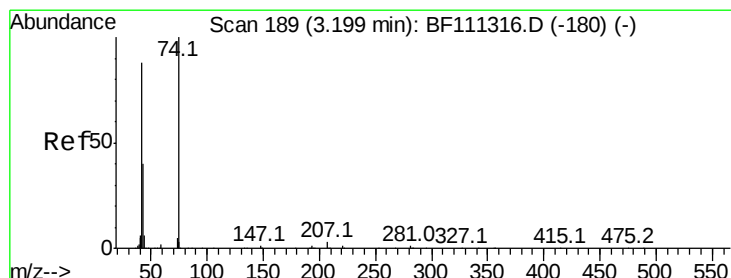
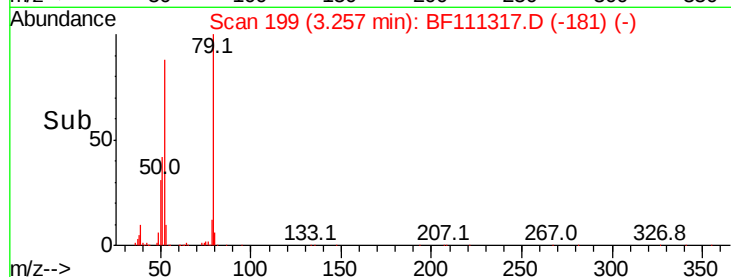
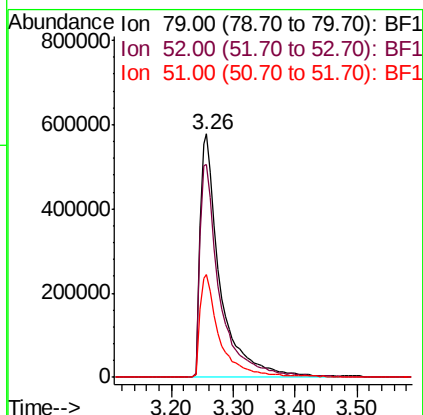
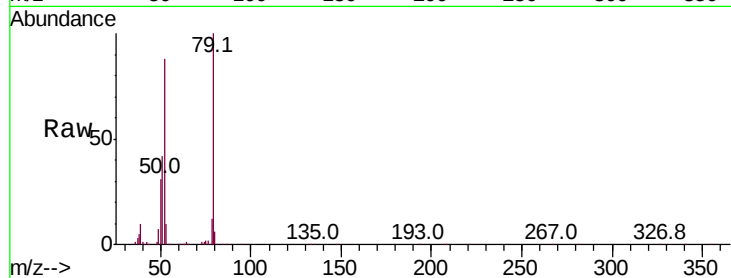
#3
 Pvridine
 Concen: 44.220 ng
 RT: 3.26 min Scan# 199
 Delta R.T. 0.01 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion: 79 Resp: 1307344
 Ion Ratio Lower Upper
 79 100
 52 87.7 68.3 102.5
 51 42.3 32.6 49.0

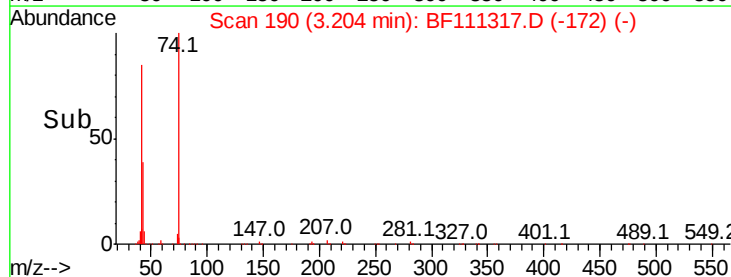
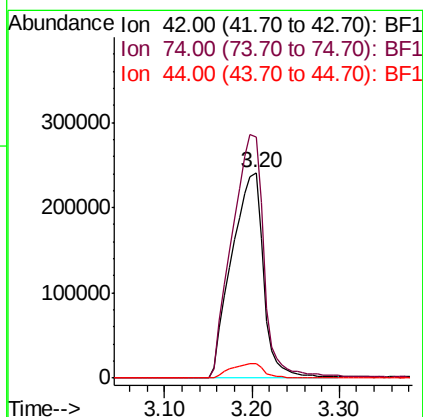
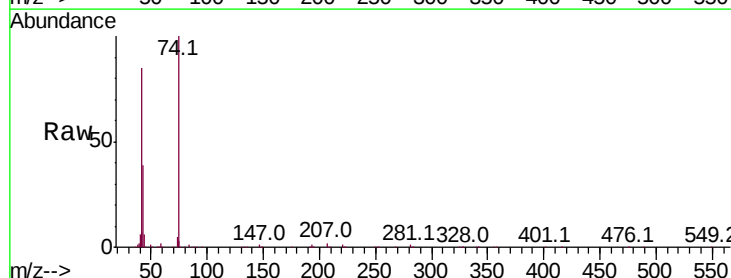
Manual Integrations
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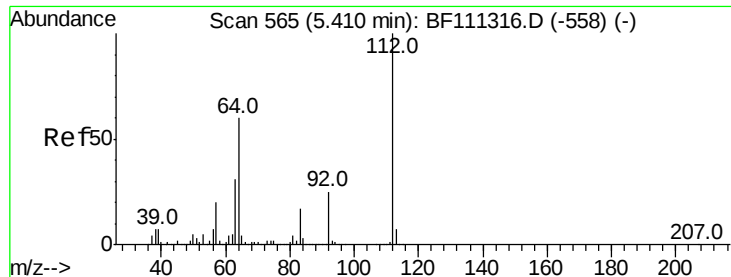
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#4
 n-Nitrosodimethylamine
 Concen: 47.033 ng
 RT: 3.20 min Scan# 190
 Delta R.T. 0.01 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Tgt Ion: 42 Resp: 592853
 Ion Ratio Lower Upper
 42 100
 74 117.5 101.5 152.3
 44 7.2 6.0 9.0





#5

2-Fluorophenol

Concen: 92.355 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:112 Resp: 2003095

Ion Ratio Lower Upper

112 100

64 63.2 51.8 77.6

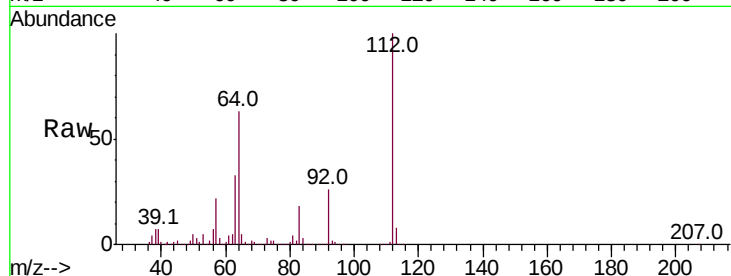
63 32.6 26.8 40.2

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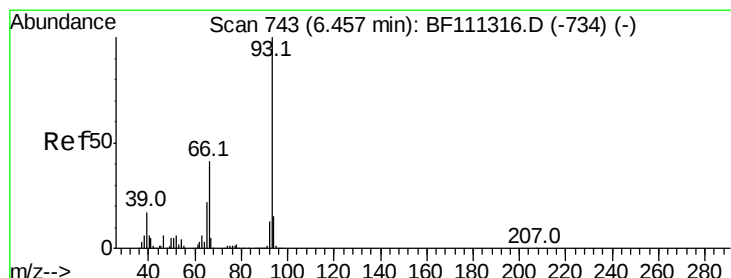
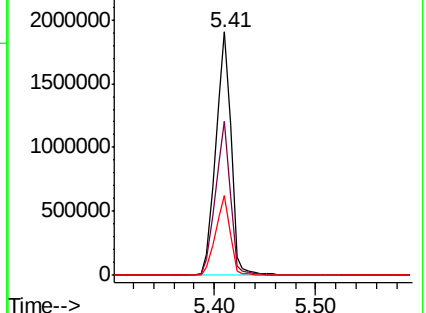
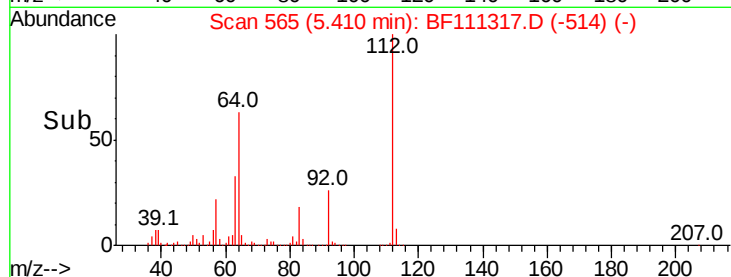
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 47.201 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

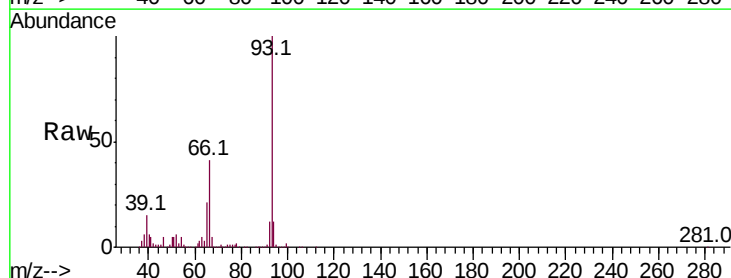
Tgt Ion: 93 Resp: 1696300

Ion Ratio Lower Upper

93 100

66 41.0 33.2 49.8

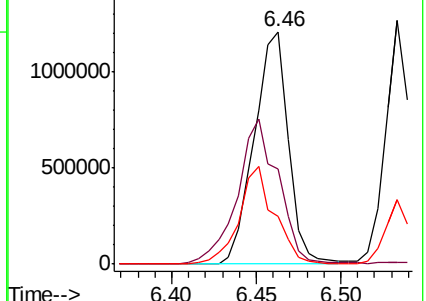
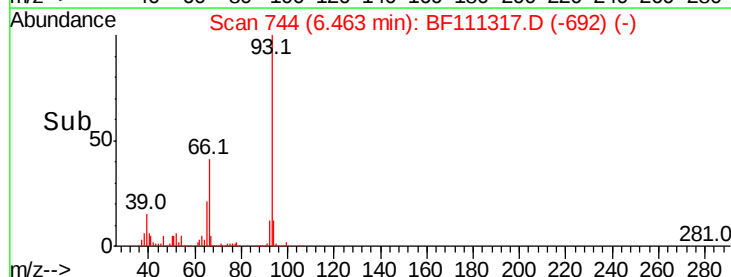
65 20.6 17.0 25.4

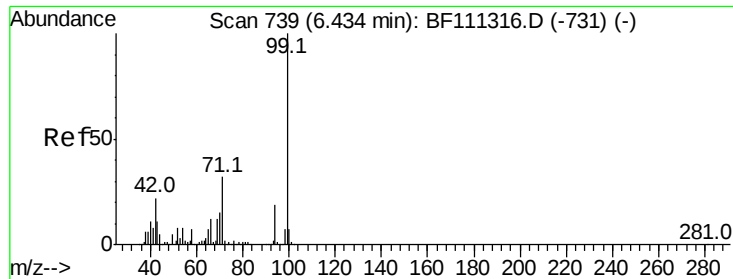


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 96.952 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

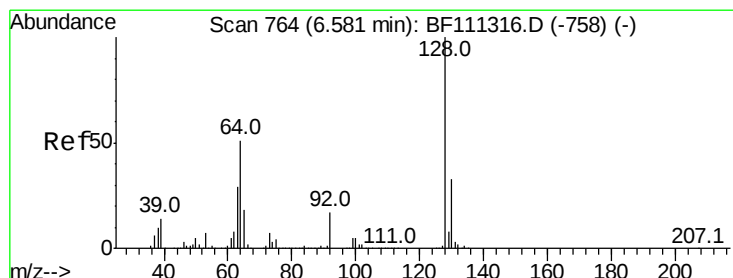
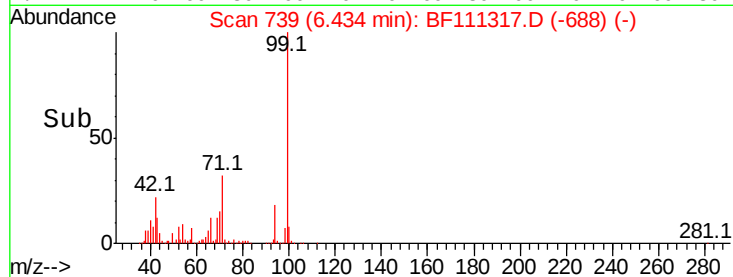
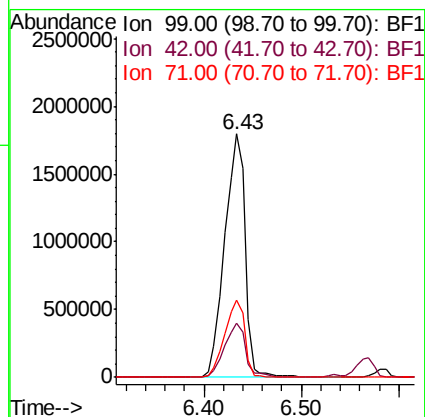
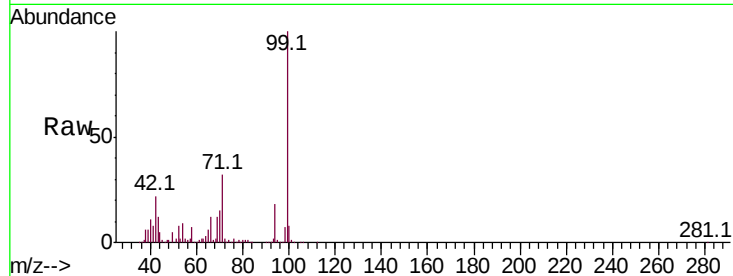
ClientSampleId :

SSTDIC050

Tot Ion	99	Resp	2613250
Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.4	26.0
71	31.8	26.1	39.1

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#8

2-Chlorophenol

Concen: 48.812 ng

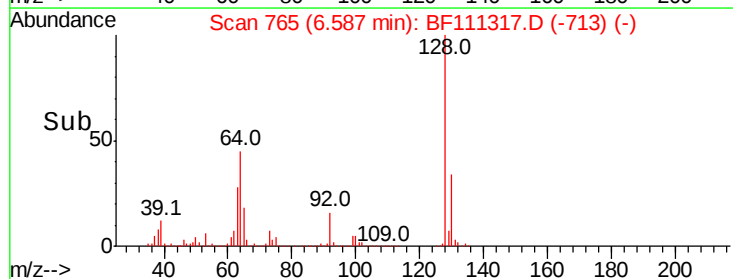
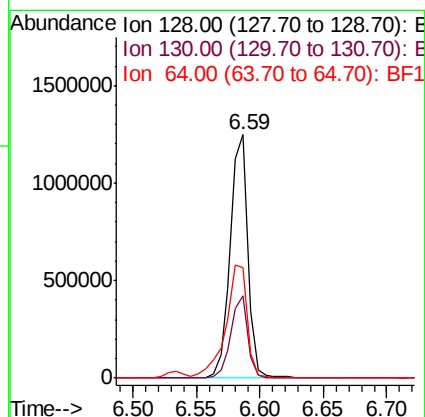
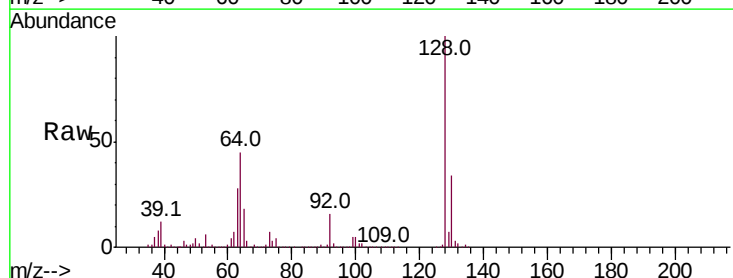
RT: 6.59 min Scan# 765

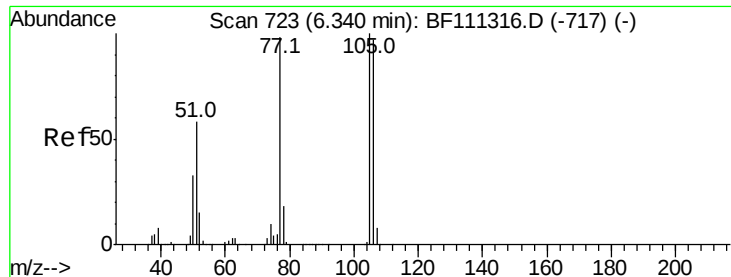
Delta R.T. 0.01 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Tgt Ion	128	Resp	1203388
Ion	Ratio	Lower	Upper
128	100		
130	33.7	12.7	52.7
64	45.3	30.0	70.0





#9

Benzaldehyde

Concen: 42.488 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

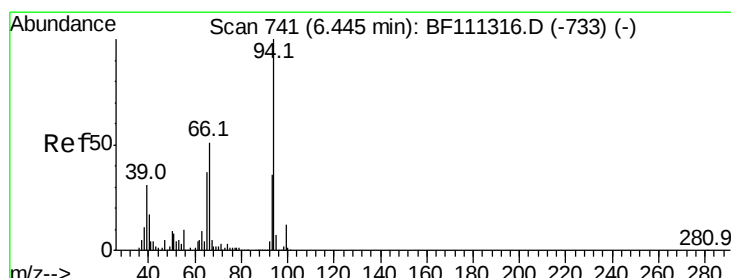
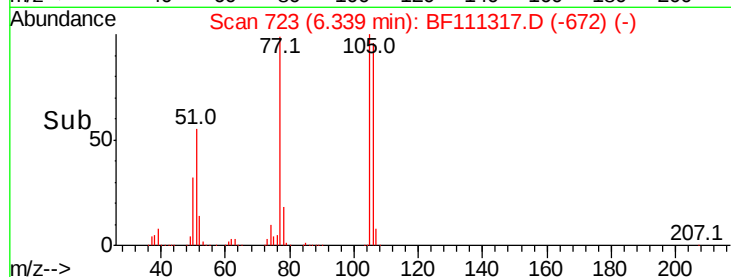
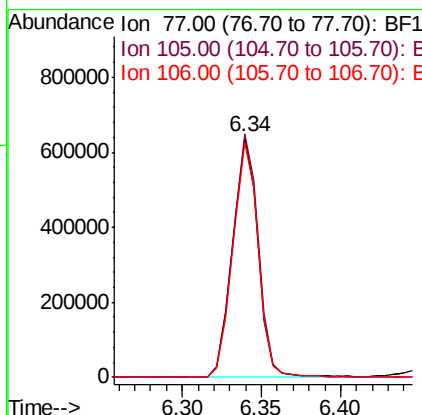
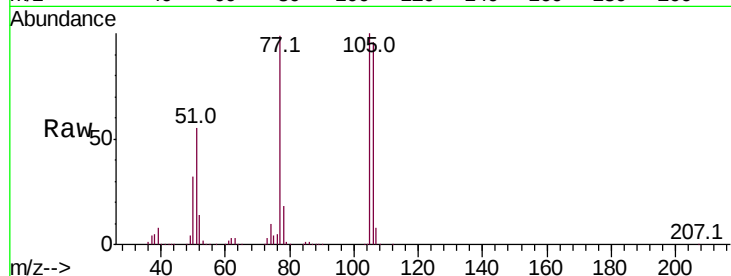
ClientSampleId :

SSTDICC050

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.3	81.4	121.4
106	97.5	77.9	117.9

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#10

Phenol

Concen: 47.138 ng

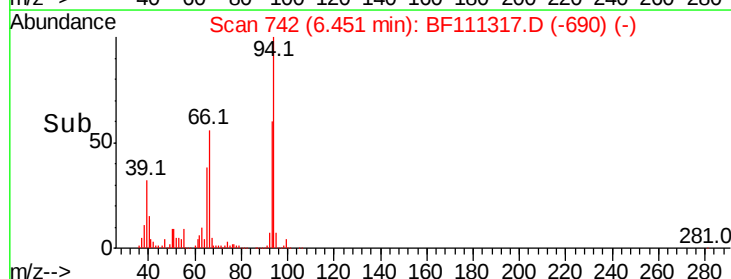
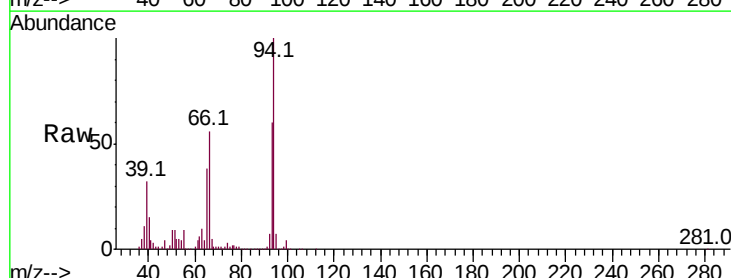
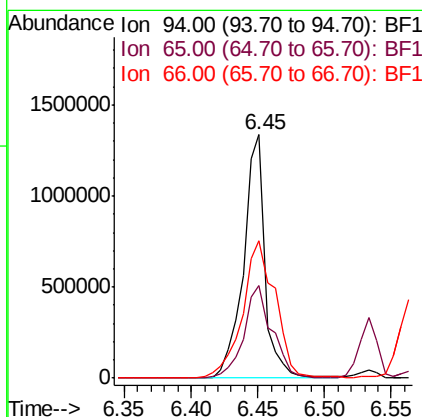
RT: 6.45 min Scan# 742

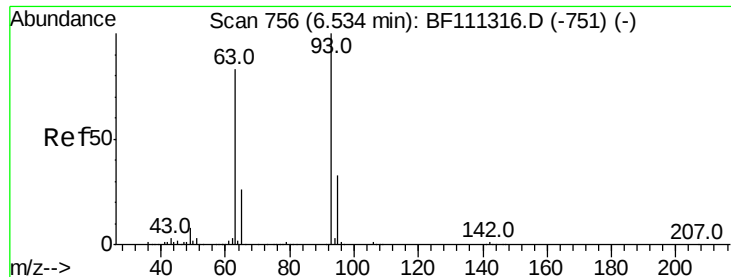
Delta R.T. 0.01 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.0	11.7	51.7
66	56.4	21.0	61.0





#11
bis(2-Chloroethyl)ether
Concen: 48.850 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

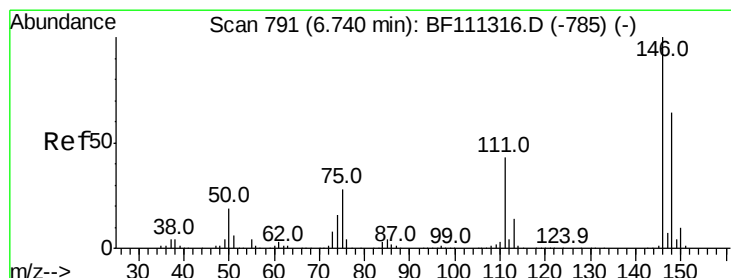
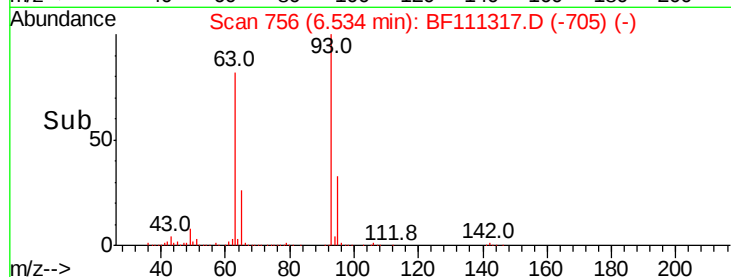
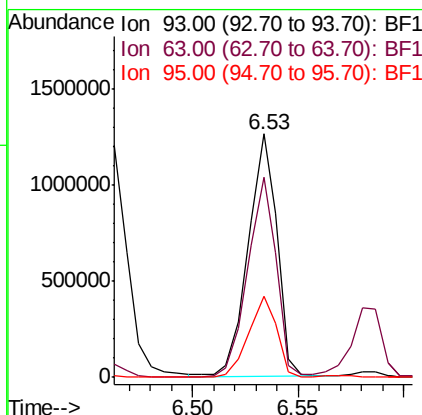
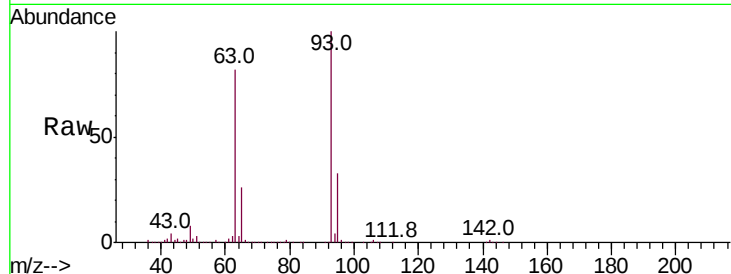
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion: 93 Resp: 1190710

Ion	Ratio	Lower	Upper
93	100		
63	82.3	60.0	100.0
95	33.4	13.4	53.4

Manual Integrations
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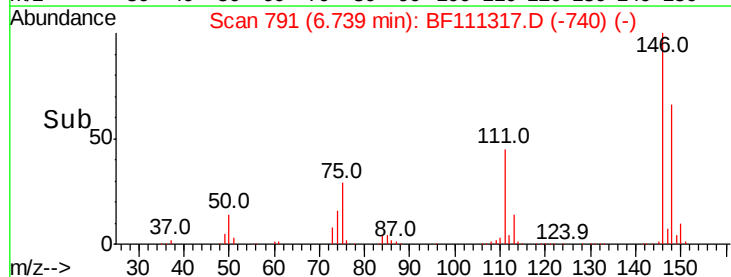
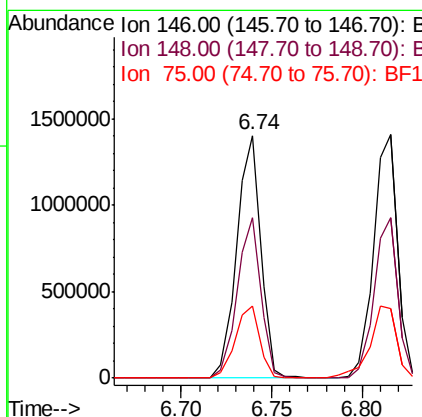
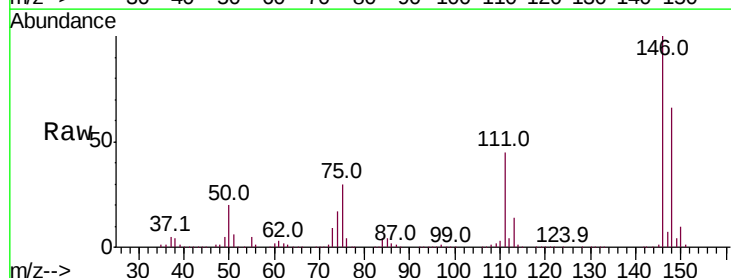
Sohil
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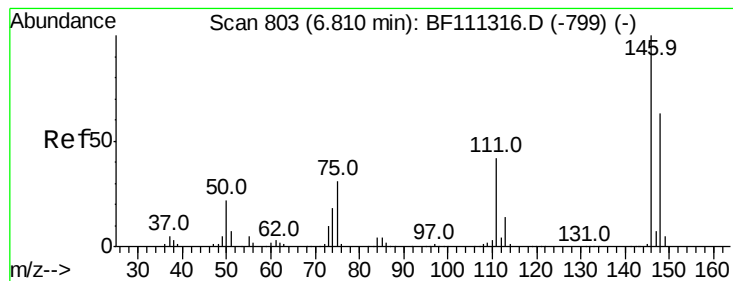


#12
1,3-Dichlorobenzene
Concen: 48.811 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion: 146 Resp: 1292997

Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.1	78.1
75	29.9	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 48.962 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:146 Resp: 1309600

Ion Ratio Lower Upper

146 100

148 65.7 52.8 79.2

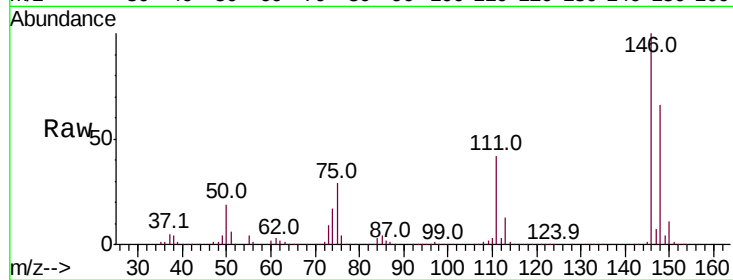
111 41.6 33.4 50.0

Manual Integrations

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Sohil

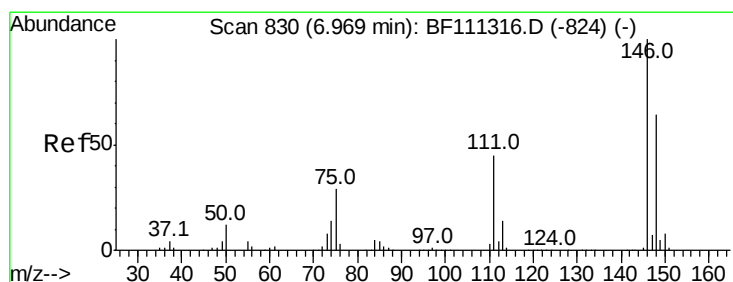
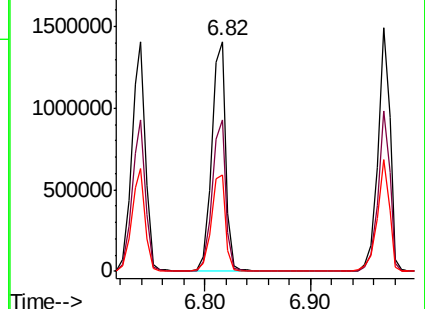
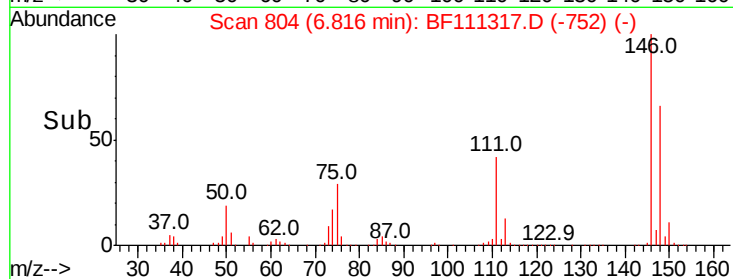
12/13/2018 6:05:54 PM



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.741 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

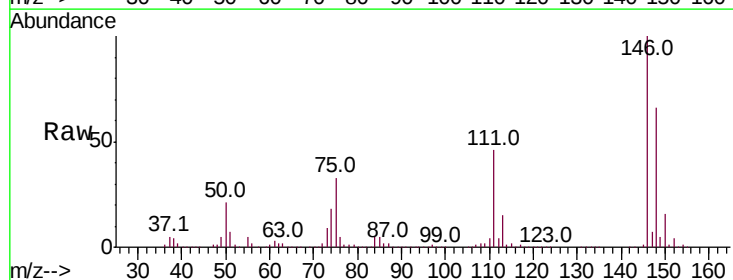
Tgt Ion:146 Resp: 1191016

Ion Ratio Lower Upper

146 100

148 65.9 51.9 77.9

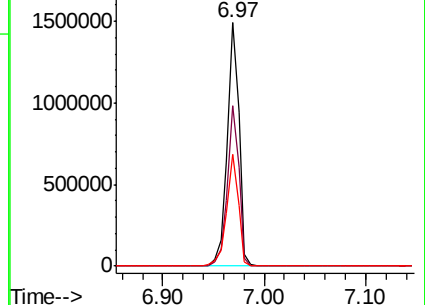
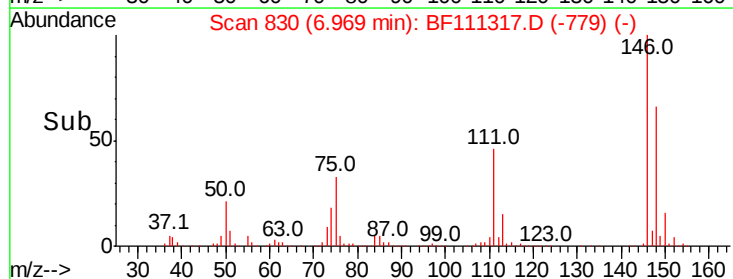
111 46.1 36.2 54.4

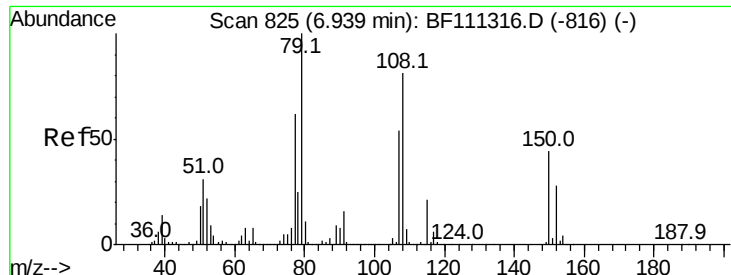


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





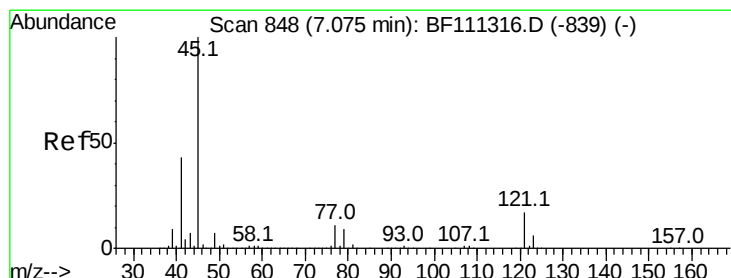
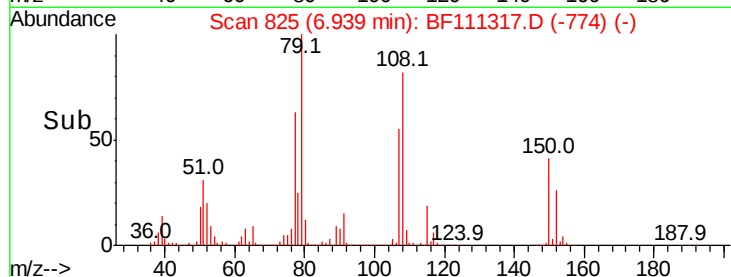
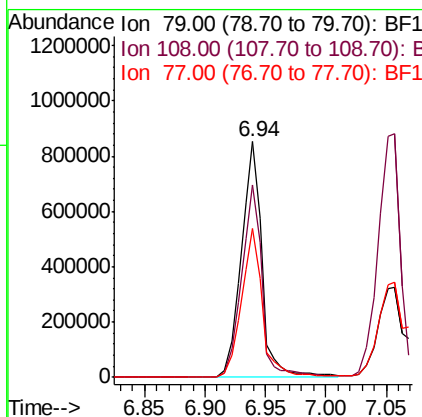
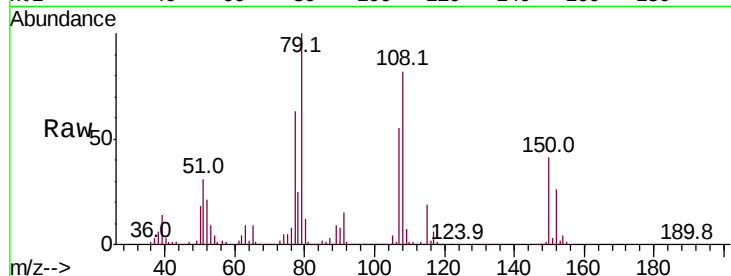
#15
Benzyl Alcohol
Concen: 47.702 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleID :
SSTDIC050

Tot Ion: 79 Resp: 1017504
Ion Ratio Lower Upper
79 100
108 81.6 69.4 104.2
77 63.1 49.7 74.5

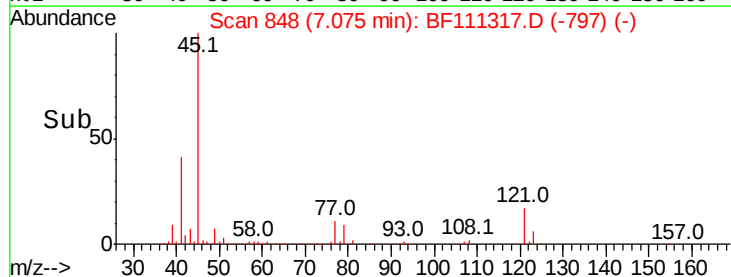
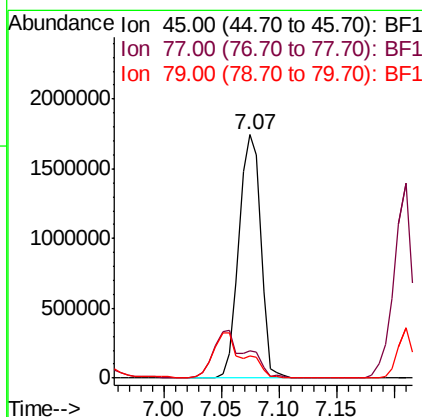
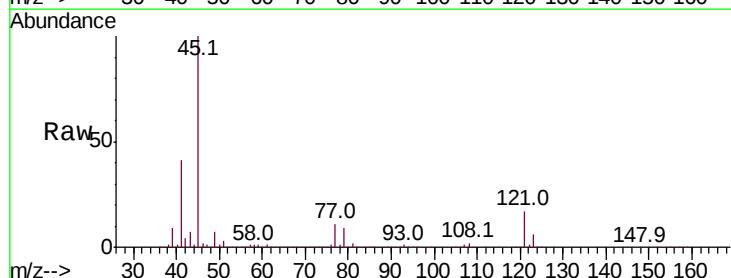
Manual Integrations
APPROVED

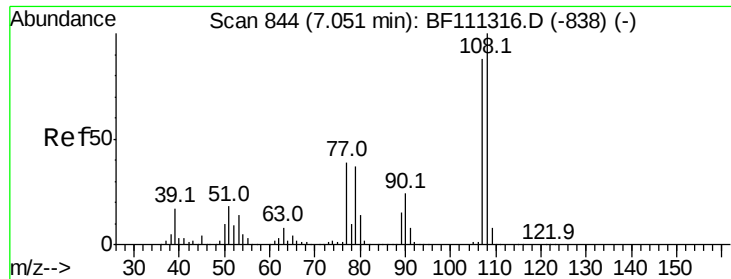
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#16
2,2'-oxybis(1-chloropropane)
Concen: 50.205 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion: 45 Resp: 2291144
Ion Ratio Lower Upper
45 100
77 11.2 0.0 31.5
79 9.1 0.0 28.9





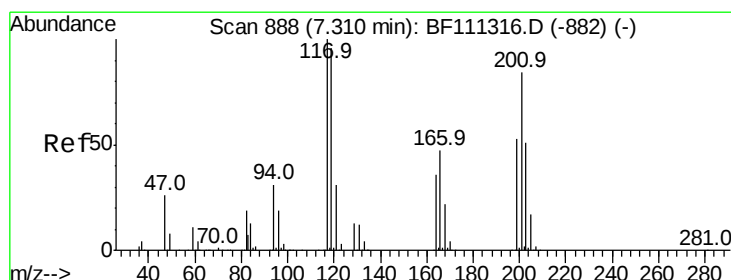
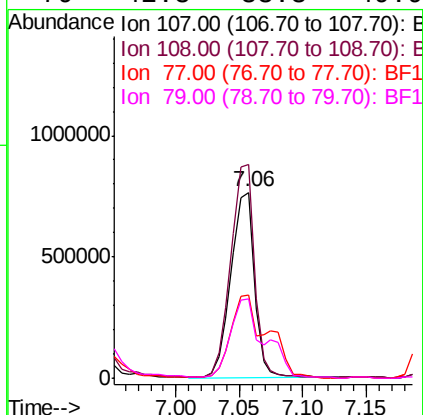
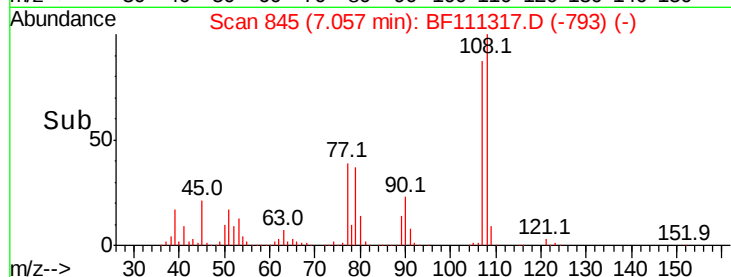
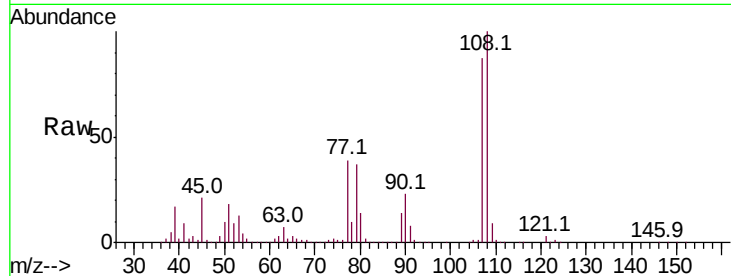
#17
2-Methylphenol
Concen: 49.201 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.1	91.0	136.4	
77	45.0	33.5	50.3	
79	42.8	33.3	49.9	

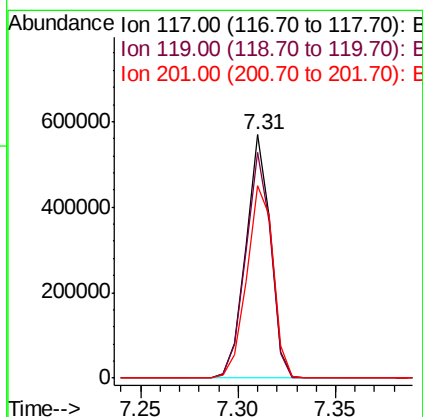
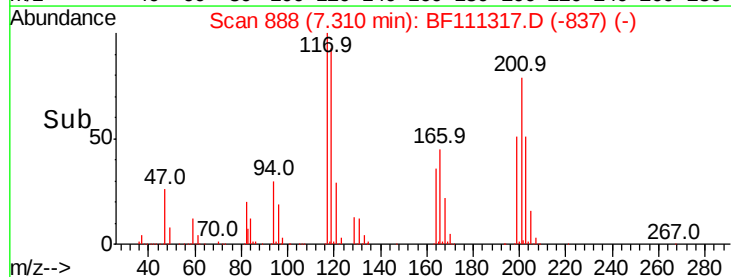
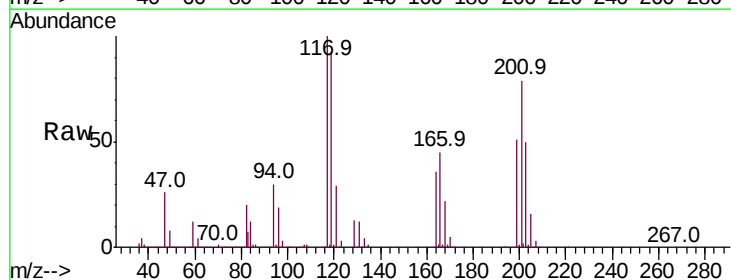
Manual Integrations
APPROVED

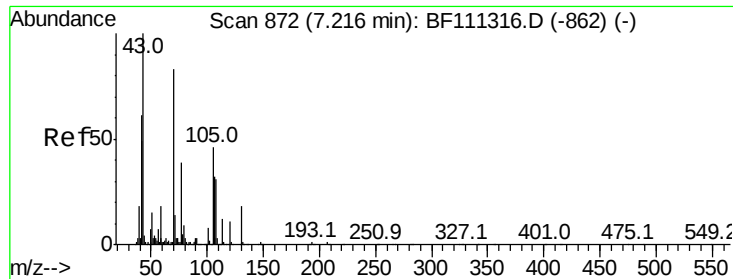
Sohil
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#18
Hexachloroethane
Concen: 48.975 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.5	75.4	113.0	
201	79.2	62.4	93.6	





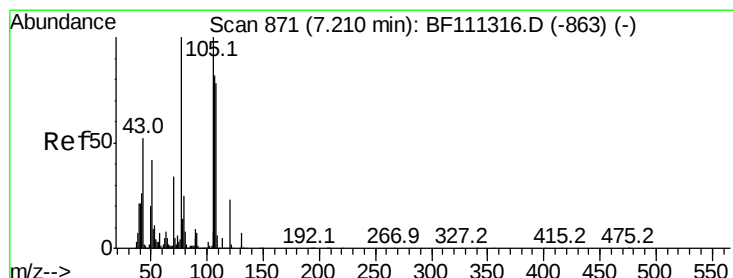
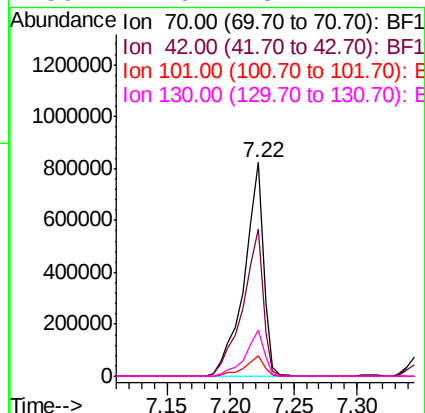
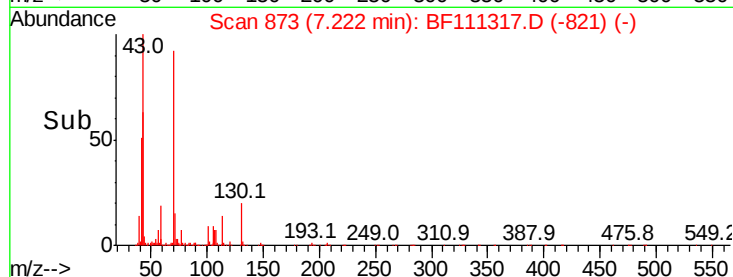
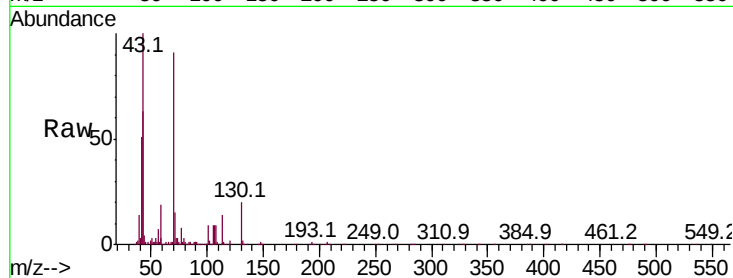
#19
n-Nitroso-di-n-propylamine
Concen: 48.088 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.2	53.2	79.8
101	9.5	8.2	12.4
130	21.6	18.1	27.1

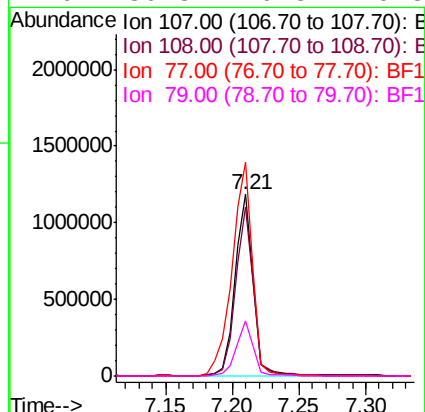
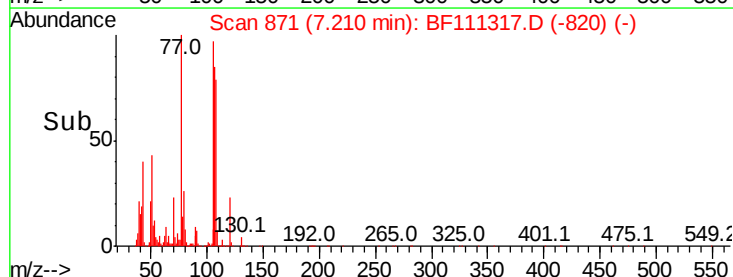
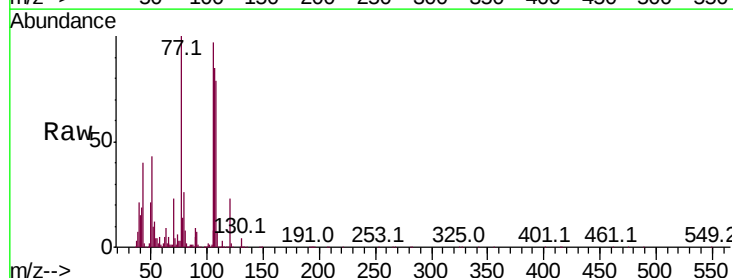
Manual Integrations
APPROVED

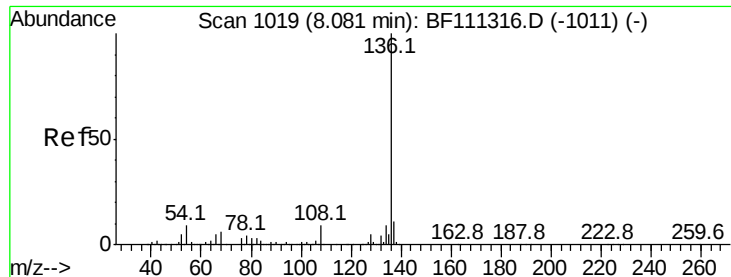
Sohil
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#20
3+4-Methylphenols
Concen: 46.807 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.4	72.1	112.1
77	117.7	94.1	134.1
79	30.3	9.8	49.8





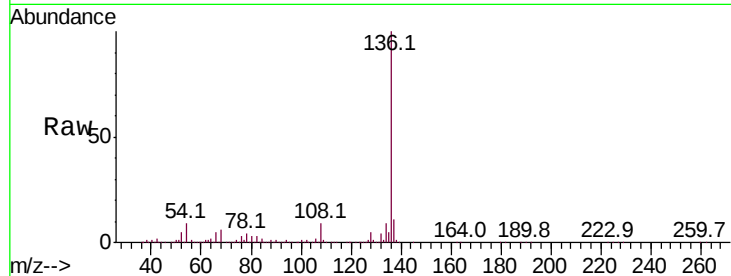
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
136	100	1408614		
137	10.9		9.1	13.7
54	9.3		7.7	11.5
68	5.7		4.9	7.3

Manual Integrations
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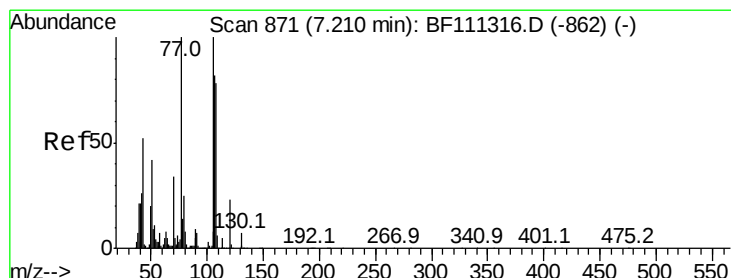
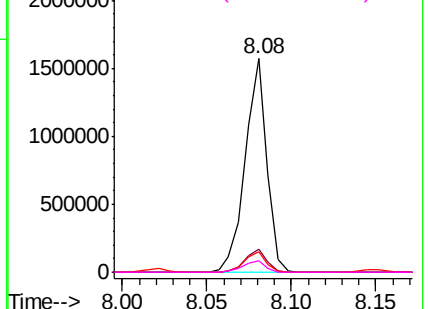
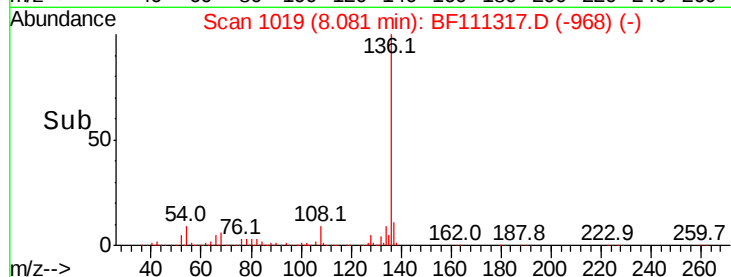
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

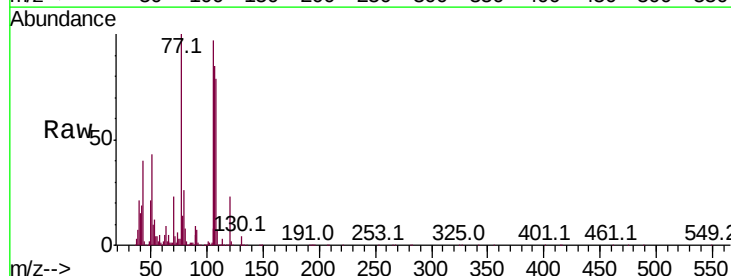
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 47.745 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1538845		
71	4.0		3.1	4.7
51	44.5		36.6	54.8
120	23.2		18.2	27.4



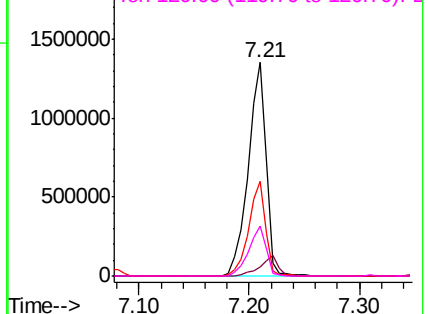
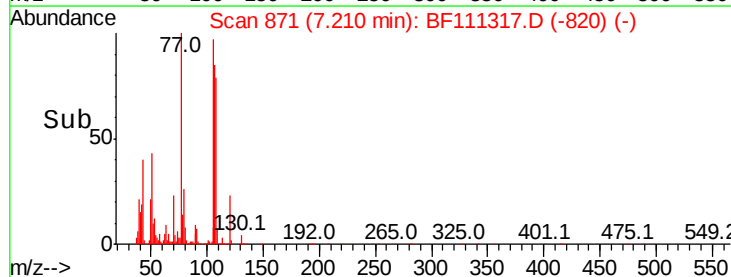
Abundance

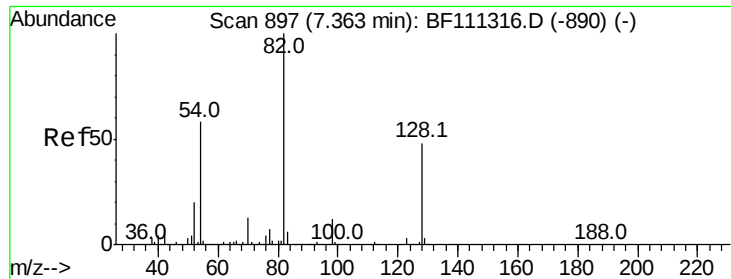
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





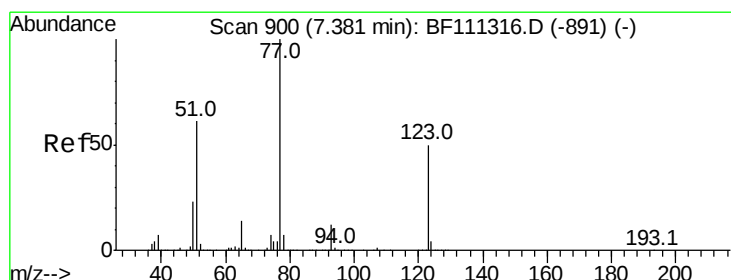
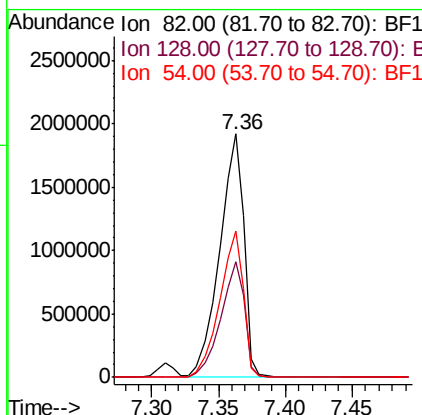
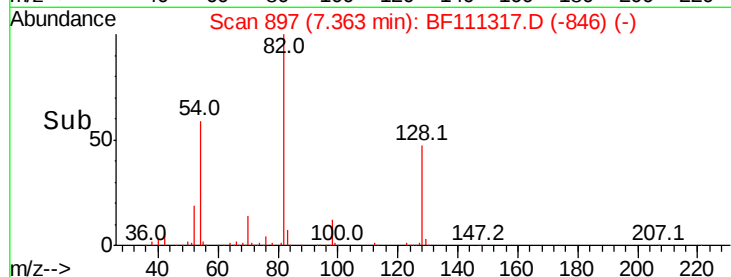
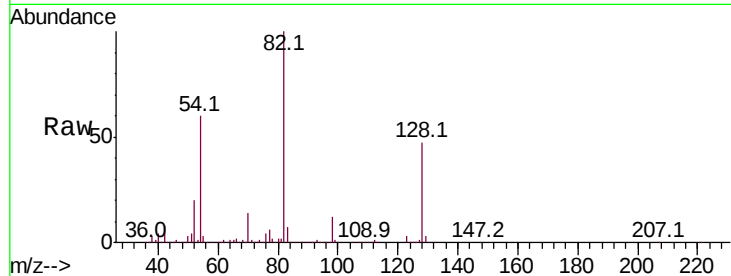
#23
Nitrobenzene-d5
Concen: 97.673 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampled :
SSTDIC050

Tot Ion: 82 Resp: 2452971
Ion Ratio Lower Upper
82 100
128 47.3 37.4 56.2
54 60.1 47.6 71.4

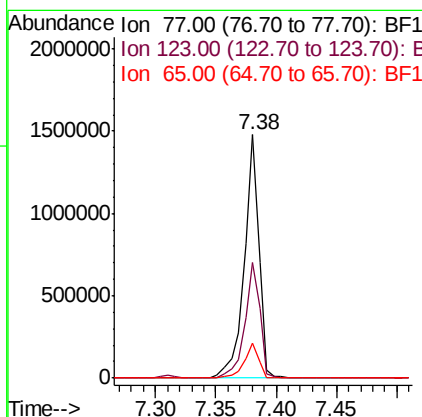
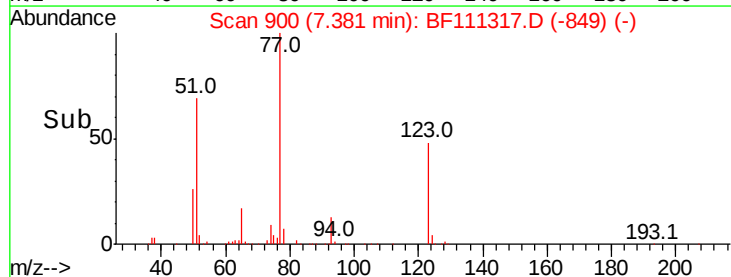
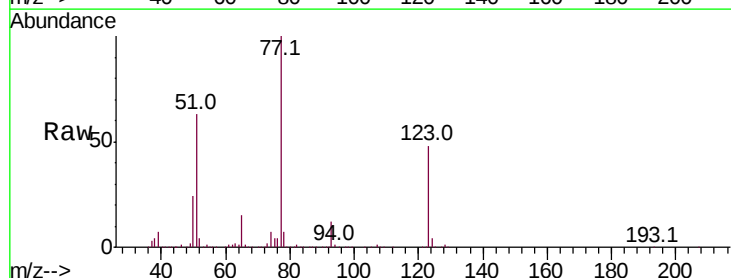
Manual Integrations
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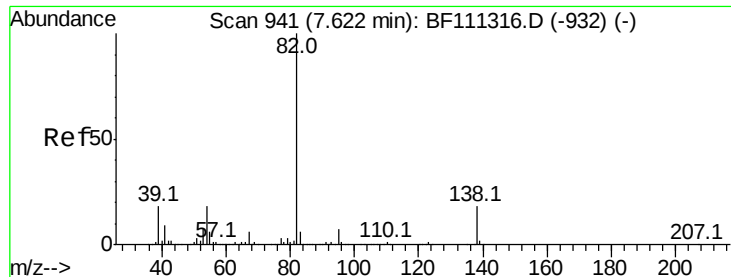
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#24
Nitrobenzene
Concen: 47.956 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion: 77 Resp: 1253487
Ion Ratio Lower Upper
77 100
123 47.7 37.2 55.8
65 14.5 11.5 17.3





#25

Isophorone

Concen: 48.373 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 82 Resp: 2069150

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

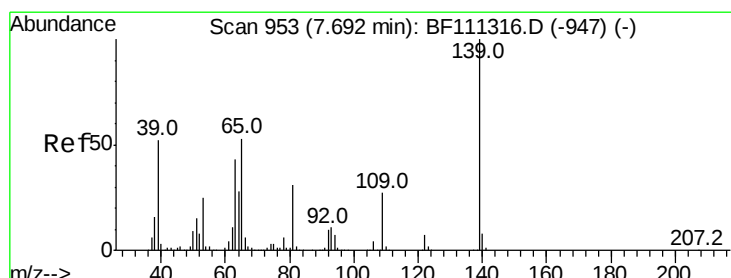
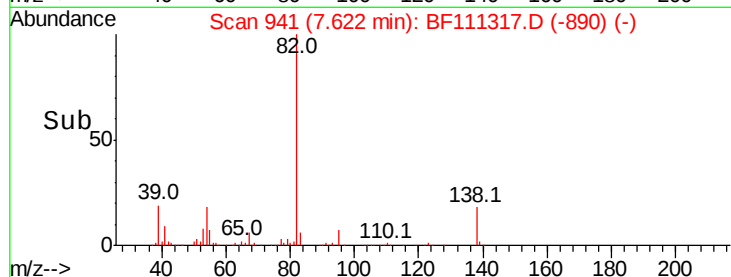
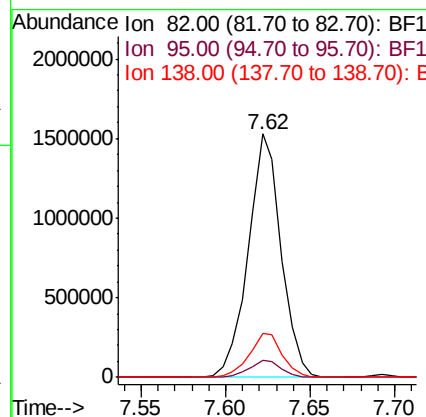
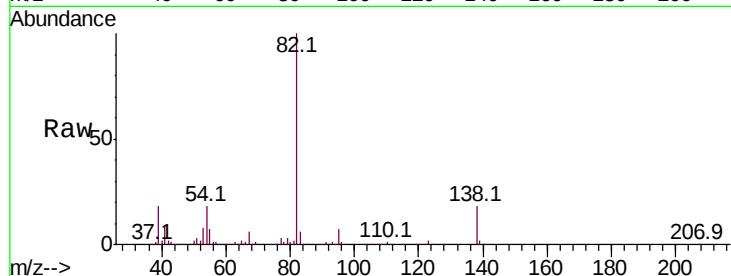
138 18.0 15.1 22.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 50.376 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

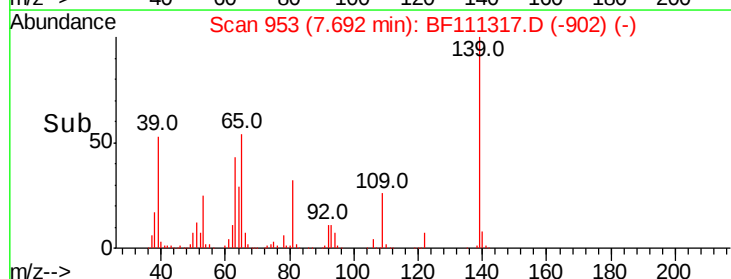
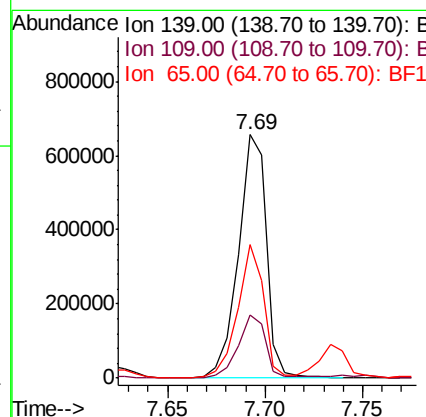
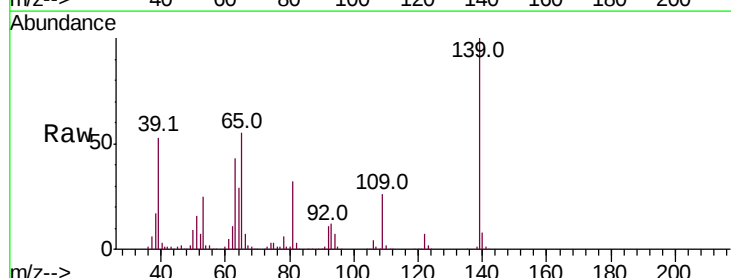
Tgt Ion: 139 Resp: 654223

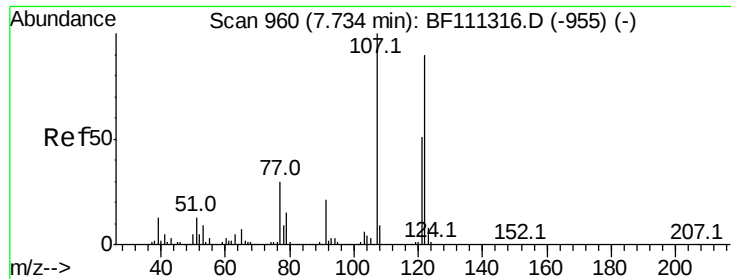
Ion Ratio Lower Upper

139 100

109 25.9 20.2 30.4

65 54.6 40.7 61.1





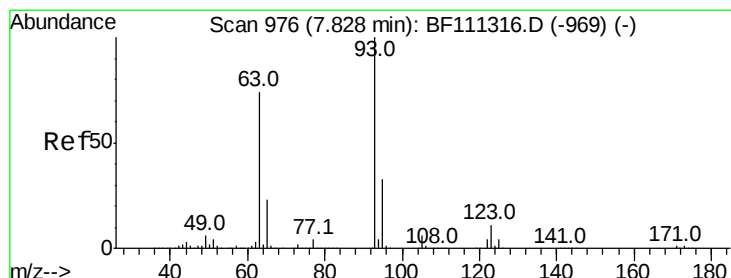
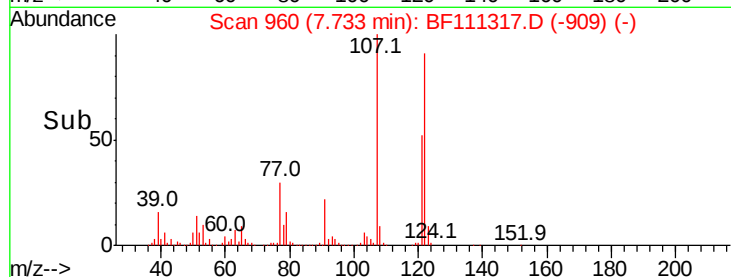
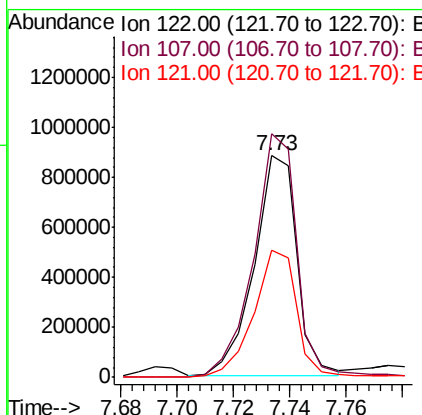
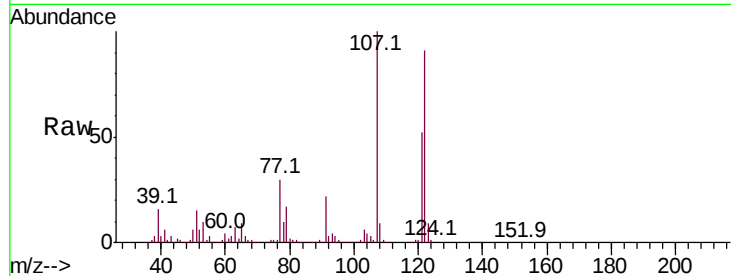
#27
 2,4-Dimethylphenol
 Concen: 46.329 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.9	85.5	128.3
121	57.3	46.6	70.0

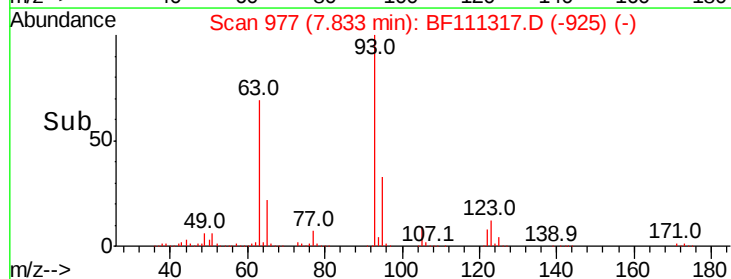
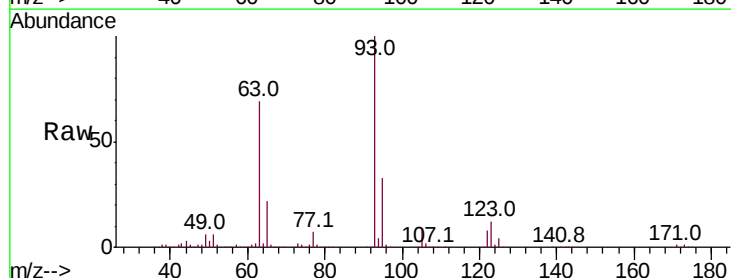
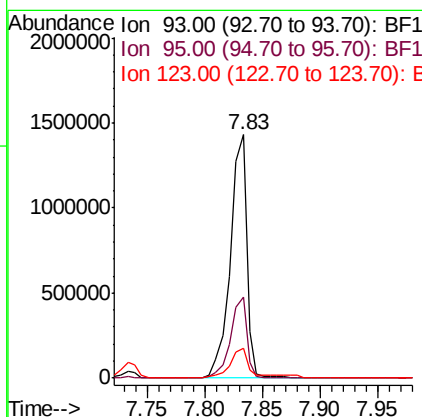
Manual Integrations
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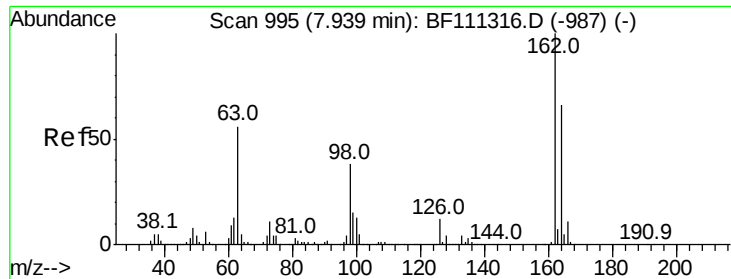
Sohil
 12/13/2018 6:05:54 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.738 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.01 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	27.1	40.7
123	12.5	9.9	14.9





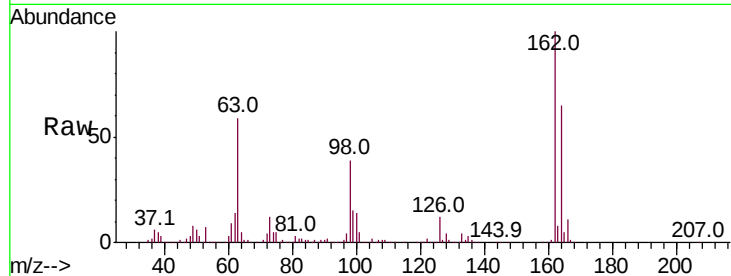
#29
2,4-Dichlorophenol
Concen: 47.919 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
162	100	983284		
164	65.3		44.4	84.4
98	38.7		20.3	60.3

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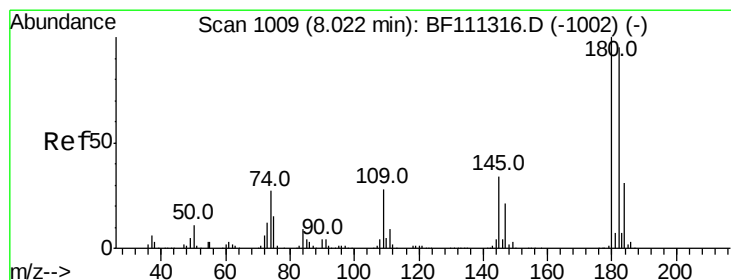
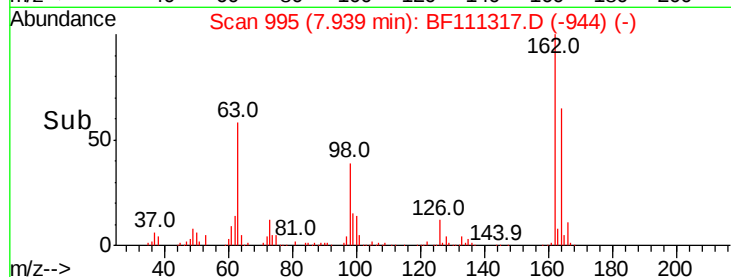
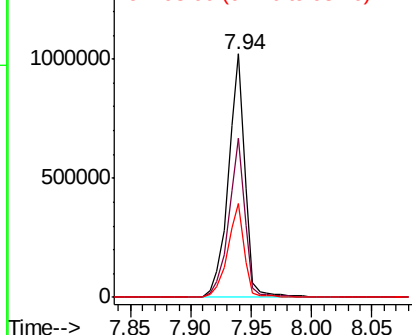


Abundance

Ion 162.00 (161.70 to 162.70): E

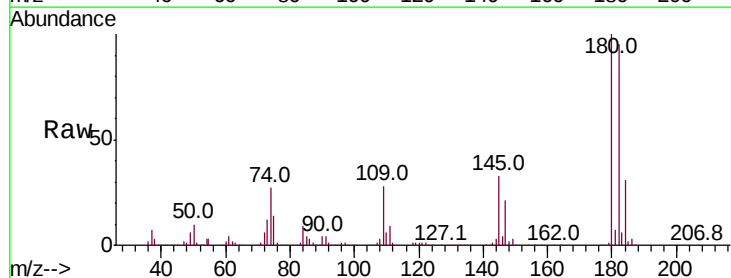
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 49.254 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	995533		
182	94.6		75.6	113.4
145	33.2		26.7	40.1

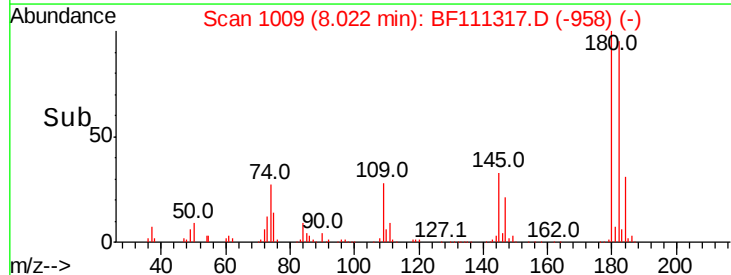
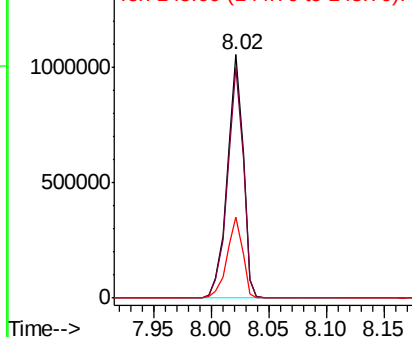


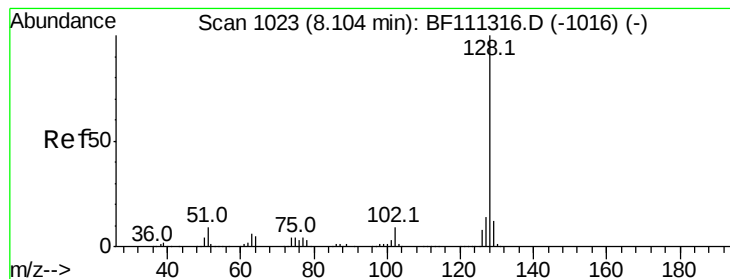
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 50.228 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:128 Resp: 3087881

Ion Ratio Lower Upper

128 100

129 12.0 9.8 14.8

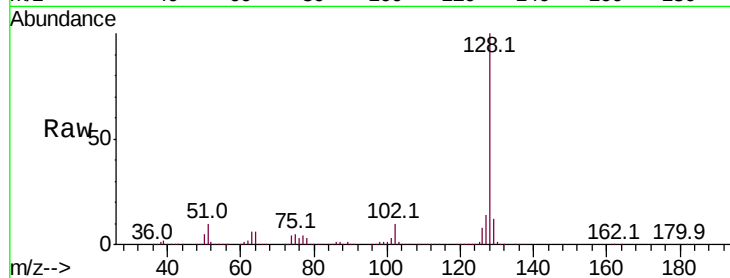
127 14.4 12.0 18.0

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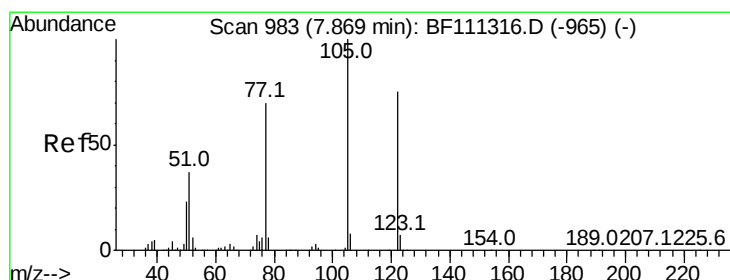
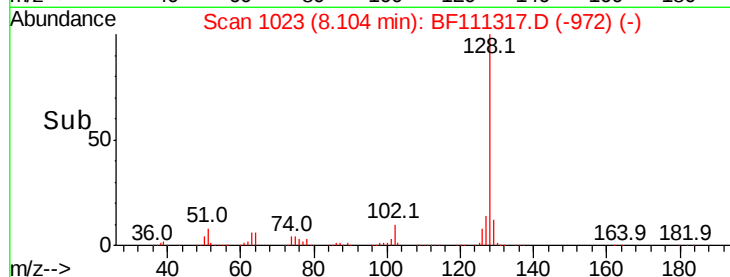
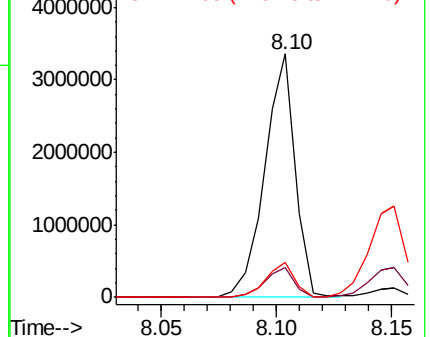
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 51.417 ng m

RT: 7.88 min Scan# 985

Delta R.T. 0.01 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

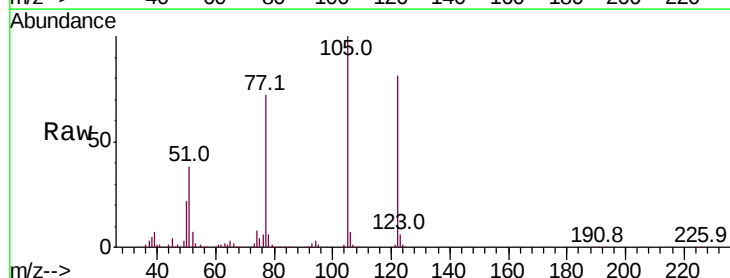
Tgt Ion:122 Resp: 853251

Ion Ratio Lower Upper

122 100

105 123.0 97.0 137.0

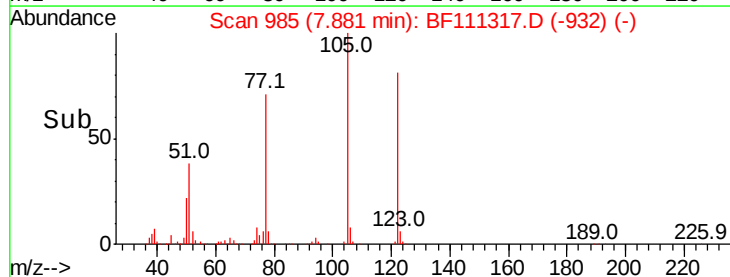
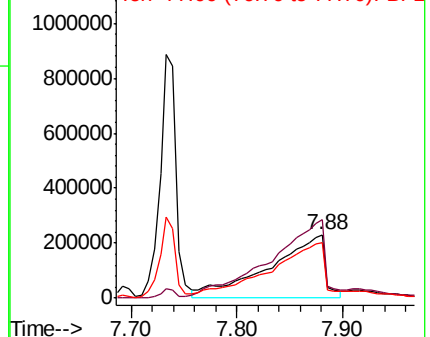
77 88.0 65.7 105.7

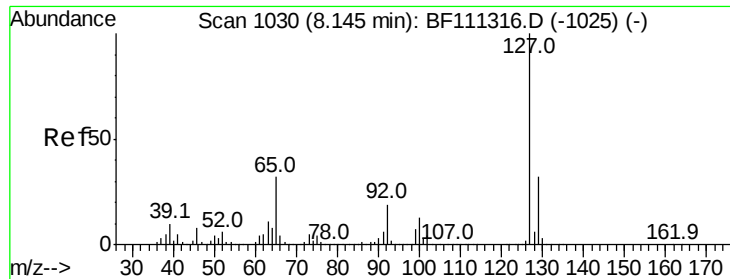


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





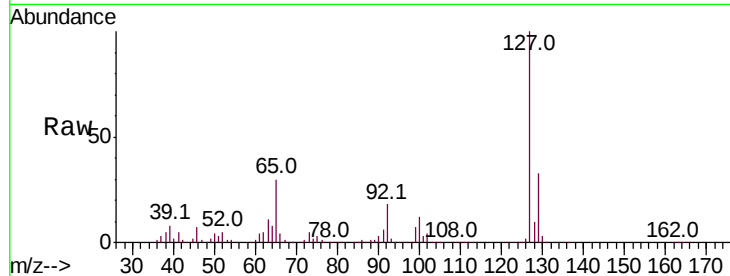
#33
4-Chloroaniline
Concen: 48.805 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.6	39.8
65	30.4	25.7	38.5
92	18.5	15.4	23.2

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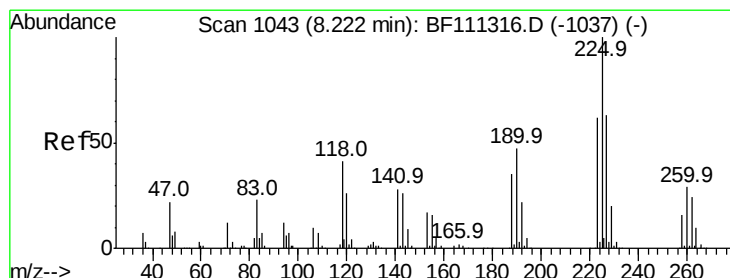
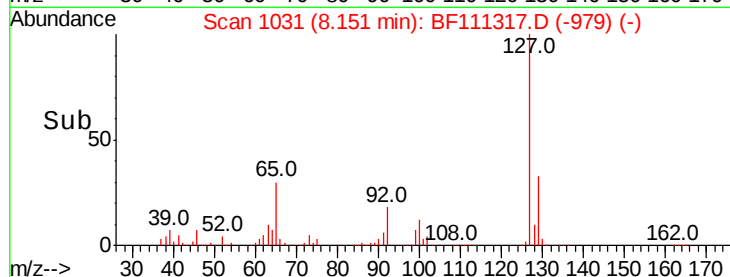
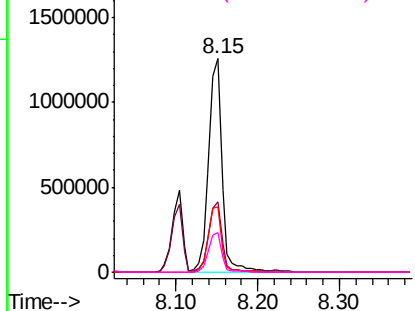
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 49.376 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

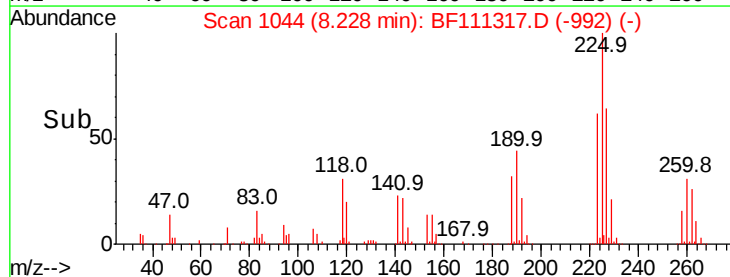
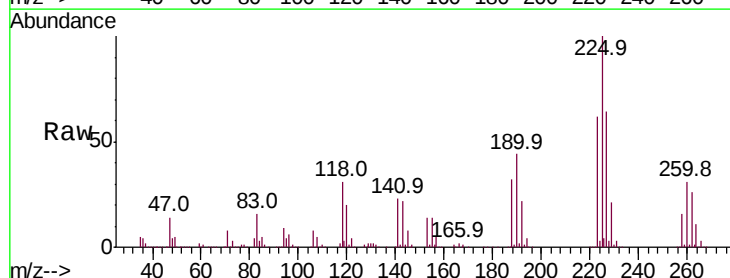
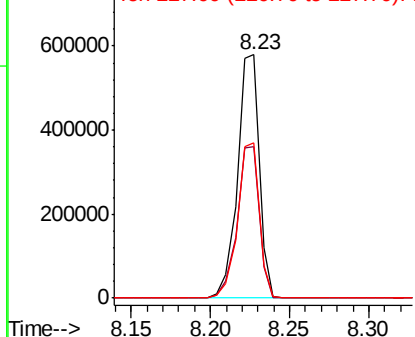
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.7	76.1
227	64.0	52.6	78.8

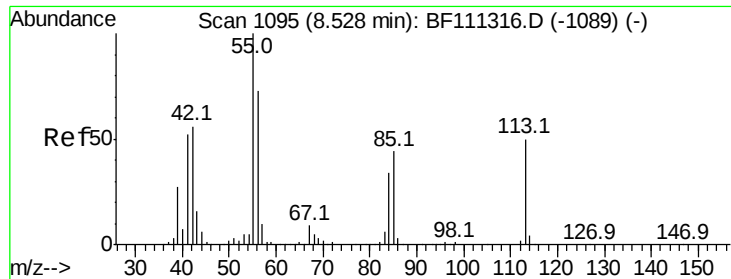
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





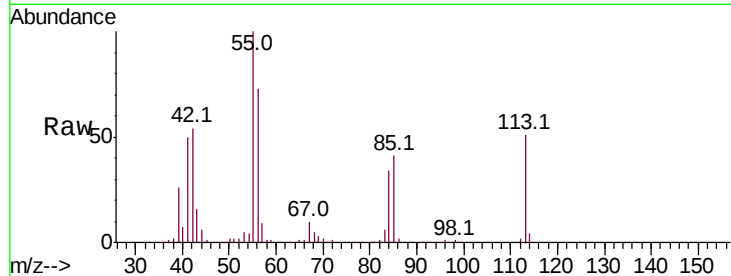
#35
Caprolactam
Concen: 48.121 ng/ml
RT: 8.54 min Scan# 1097
Delta R.T. 0.01 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleID :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
113	100		
55	197.8	184.1	224.1
56	143.4	126.0	166.0

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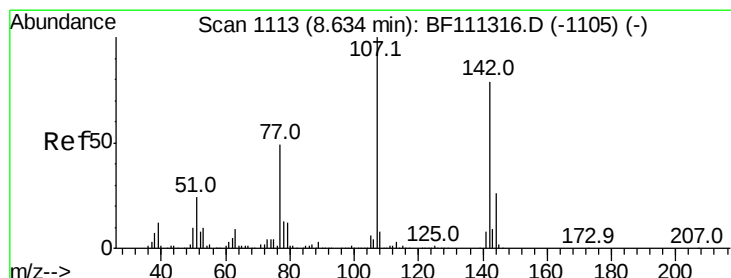
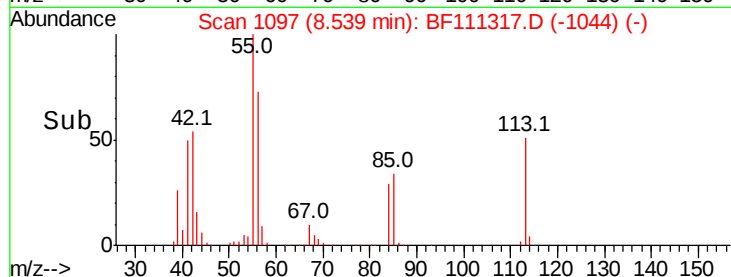
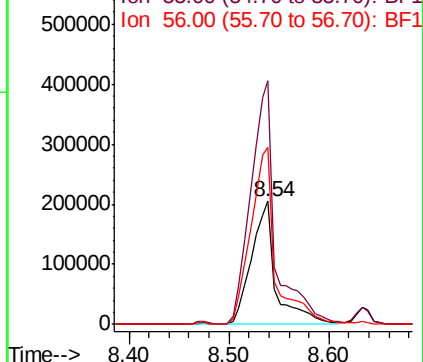


Abundance

Ion 113.00 (112.70 to 113.70): E

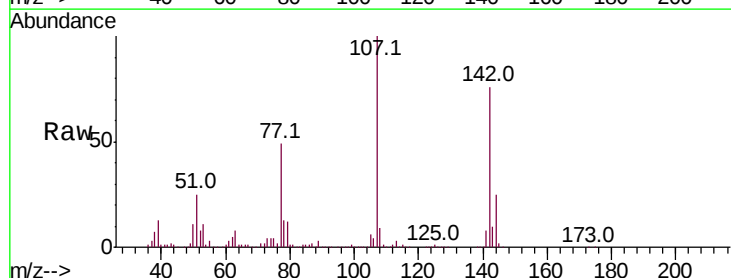
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 49.486 ng/ml
RT: 8.63 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.8	29.6
142	76.0	62.3	93.5

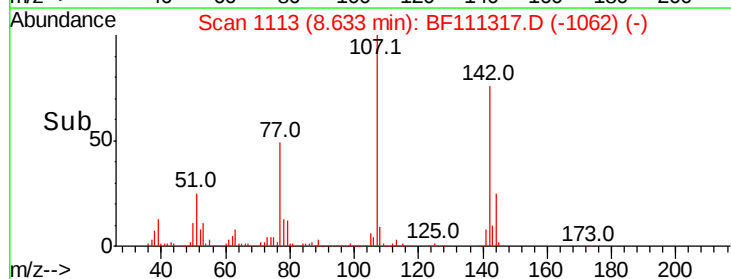
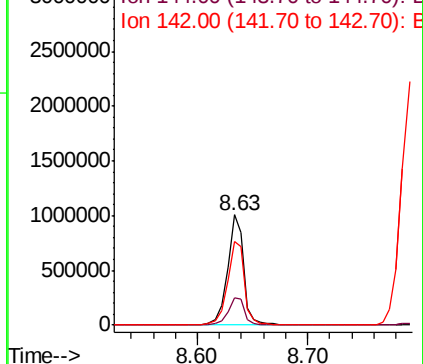


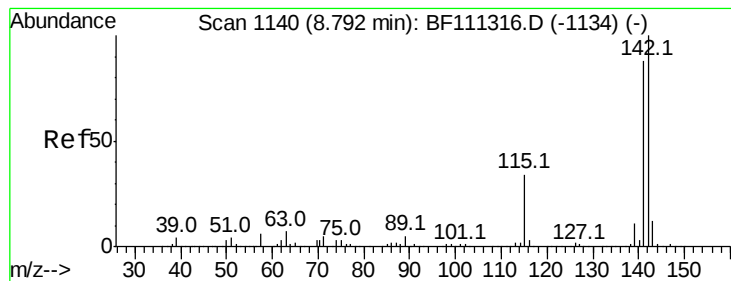
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





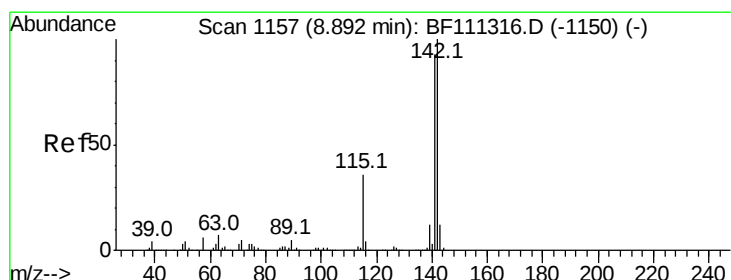
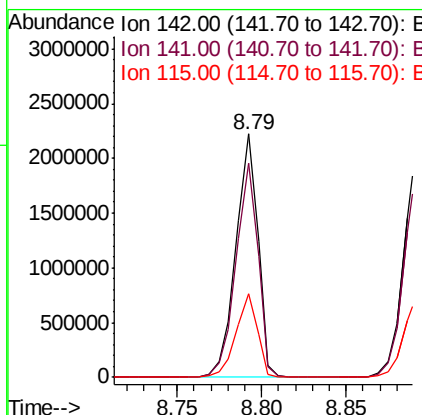
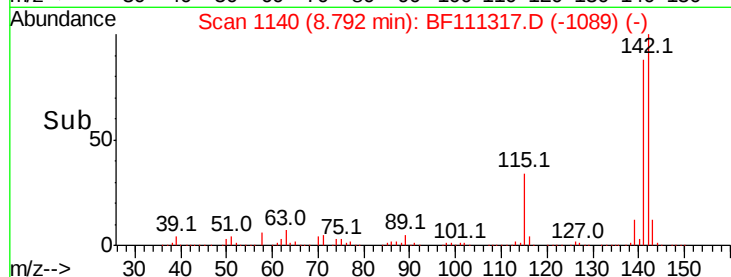
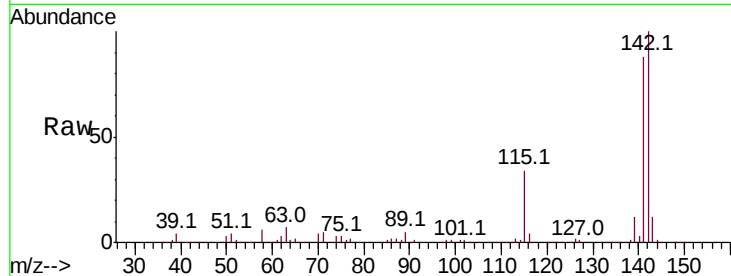
#37
2-Methylnaphthalene
Concen: 49.501 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.6	105.8
115	34.3	27.0	40.6

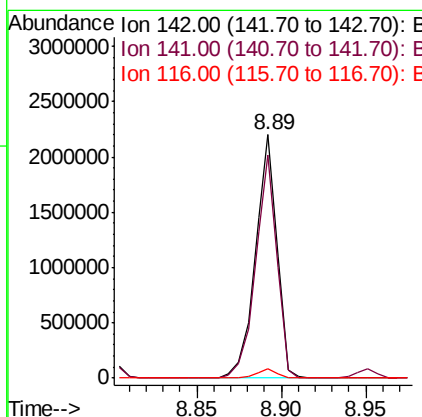
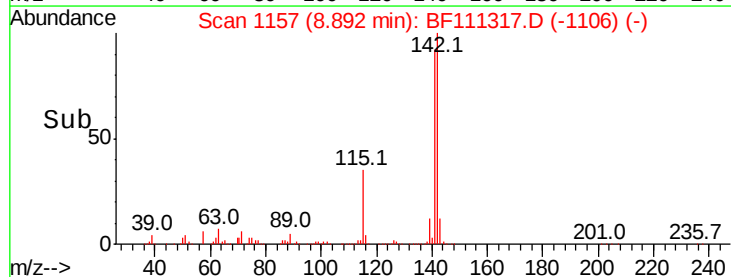
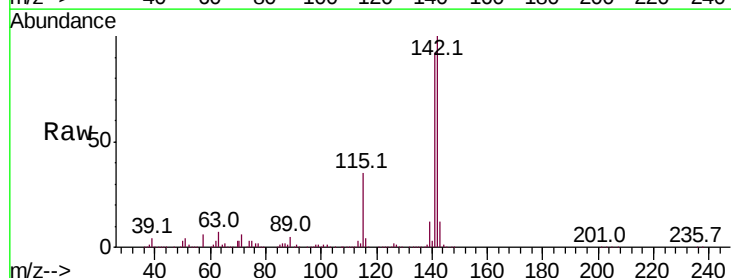
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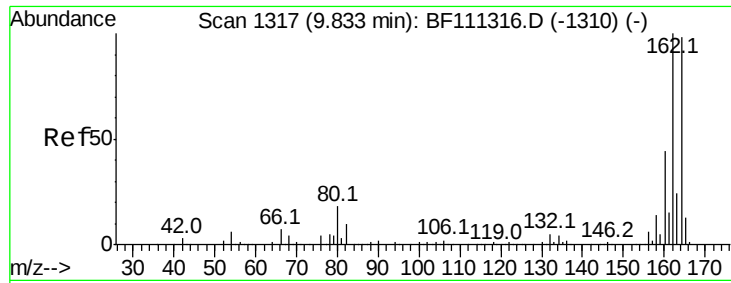
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#38
1-Methylnaphthalene
Concen: 48.747 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.2	111.4
116	3.8	2.9	4.3





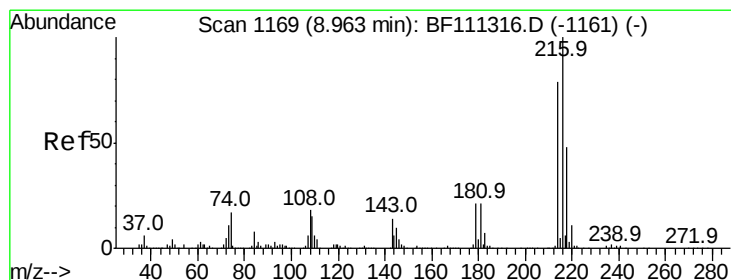
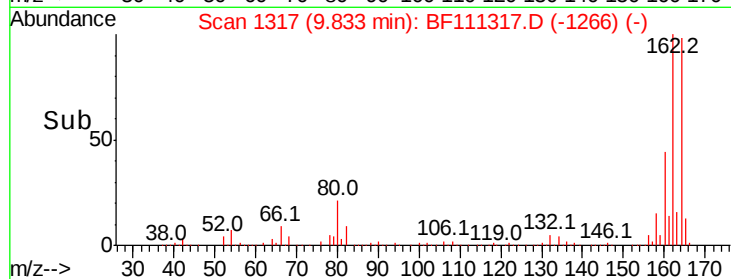
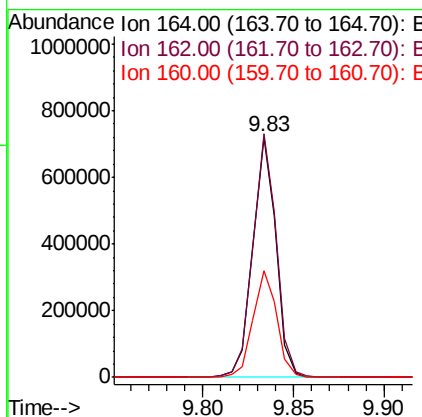
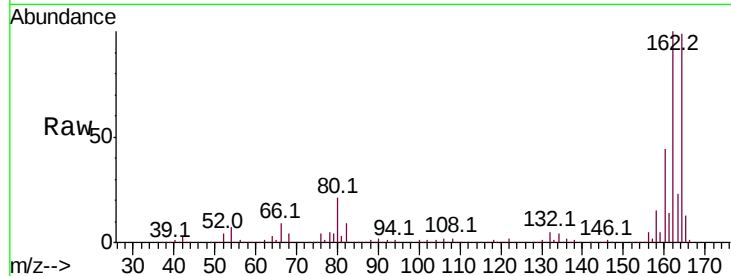
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
164	100	638700		
162	101.4	81.4	122.0	
160	44.6	35.7	53.5	

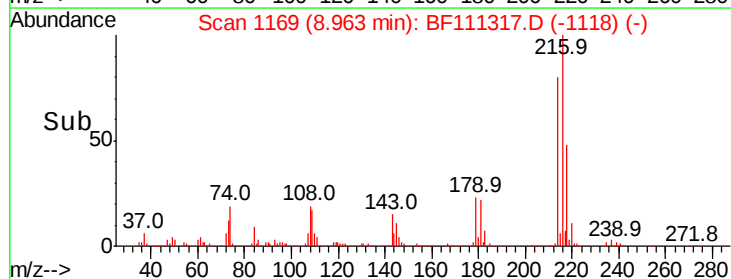
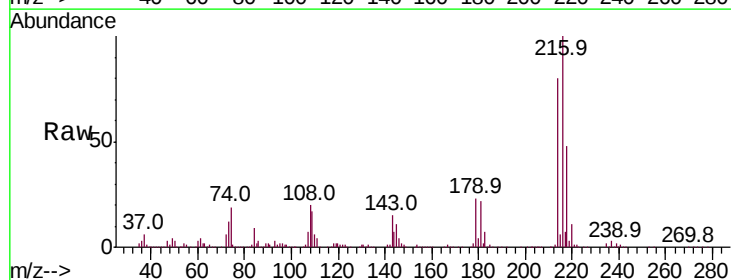
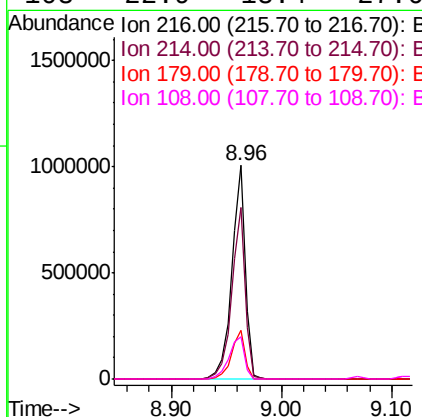
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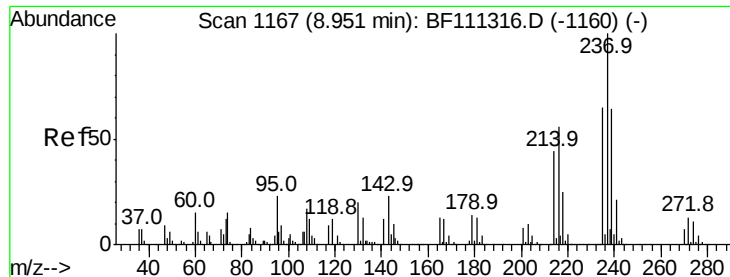
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.618 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	864041		
214	79.8	63.8	95.8	
179	22.7	17.9	26.9	
108	22.9	18.4	27.6	





#41

Hexachlorocyclopentadiene

Concen: 47.018 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

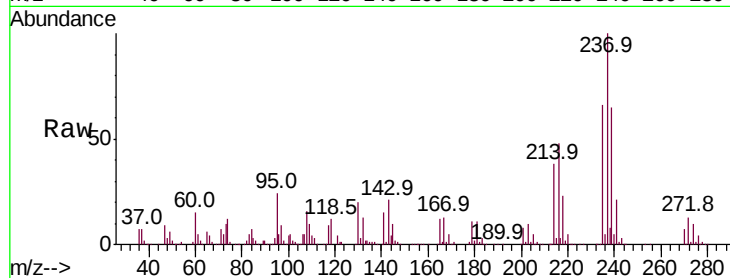
ClientSampleId :

SSTDIC050

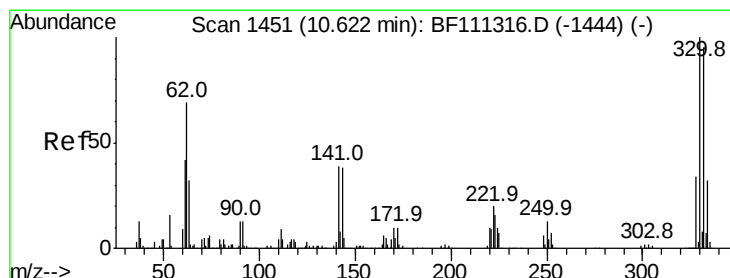
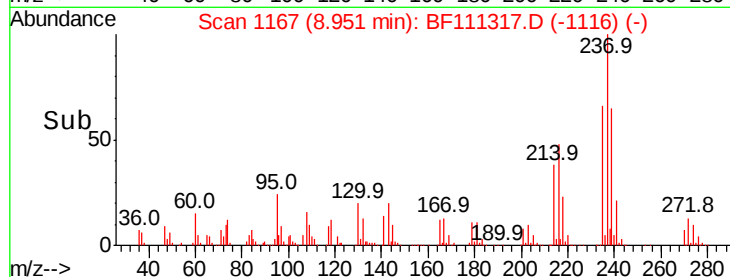
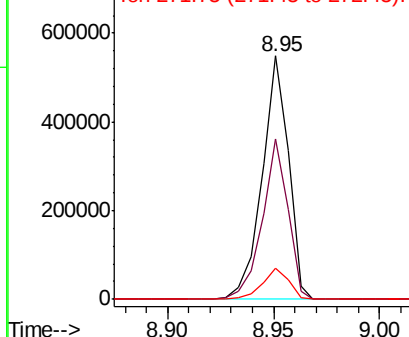
Tot Ion:	237	Resp:	475875
Ion Ratio	Lower	Upper	
237	100		
235	65.8	43.1	83.1
272	12.7	0.0	33.0

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 95.264 ng

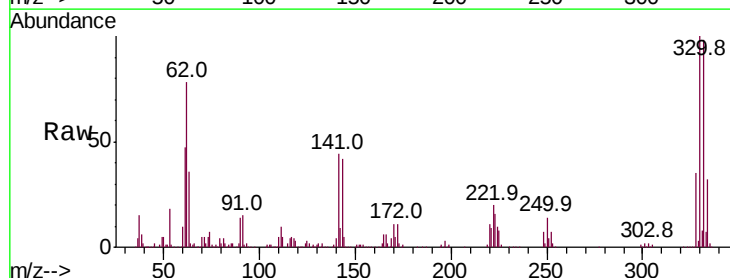
RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

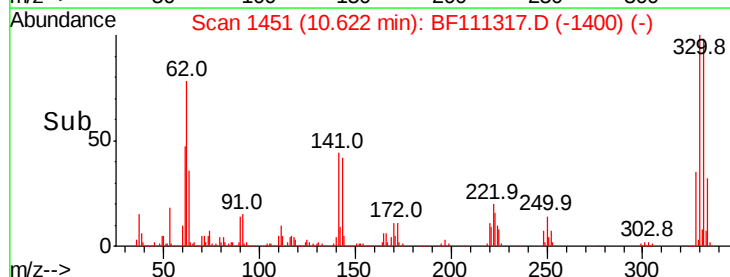
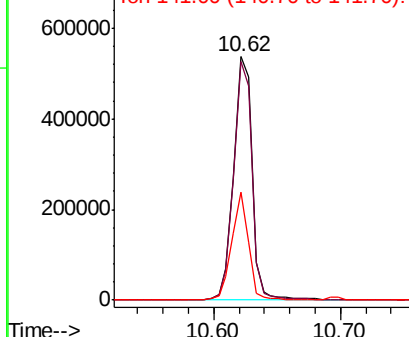
Lab File: BF111317.D

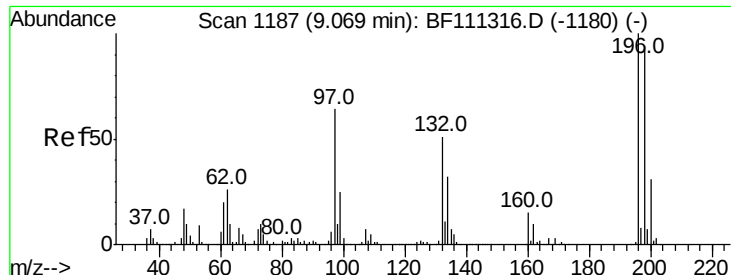
Acq: 12 Dec 2018 11:37

Tgt Ion:	330	Resp:	538975
Ion Ratio	Lower	Upper	
330	100		
332	97.8	76.0	114.0
141	40.2	31.0	46.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





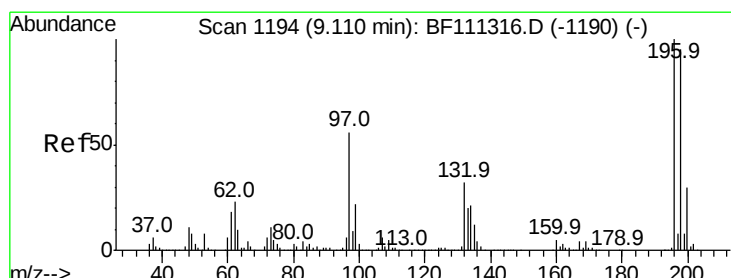
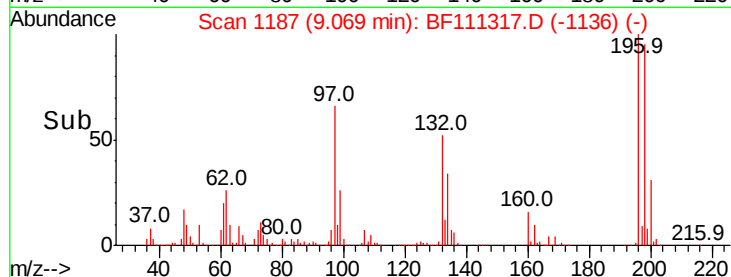
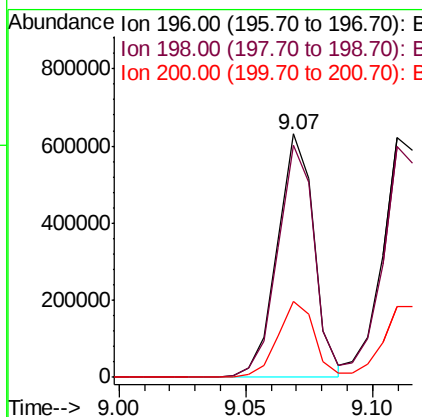
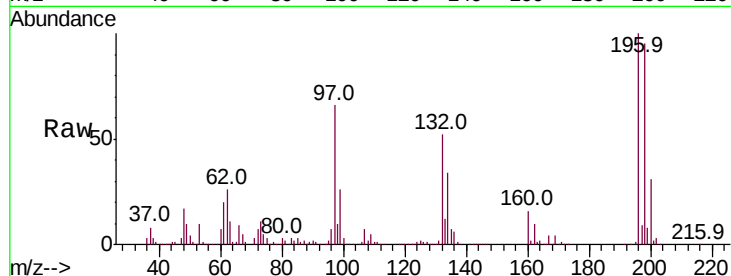
#43
2,4,6-Trichlorophenol
Concen: 47.329 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
196	100	631387		
198	95.2	76.3	114.5	
200	31.2	24.9	37.3	

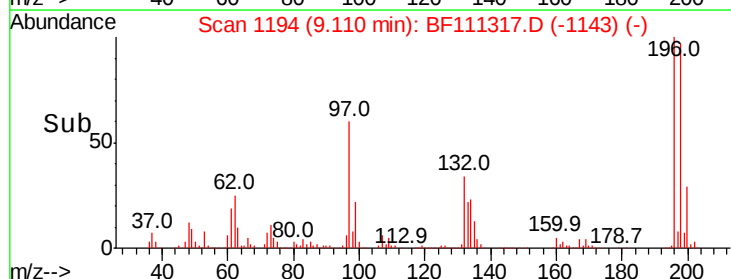
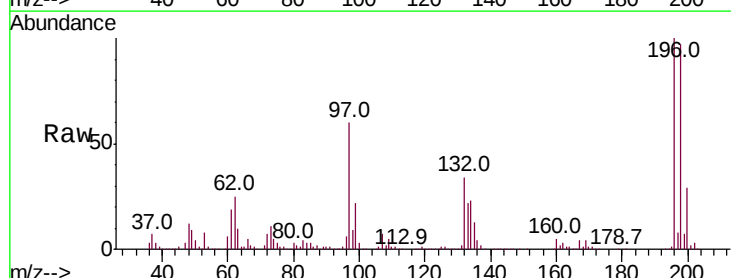
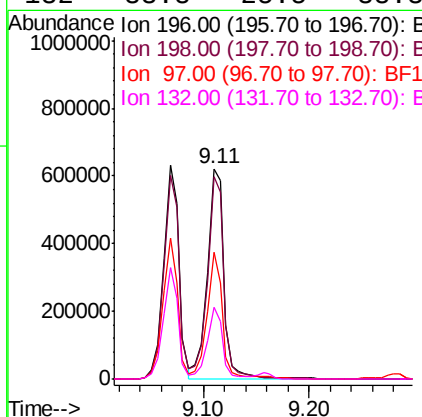
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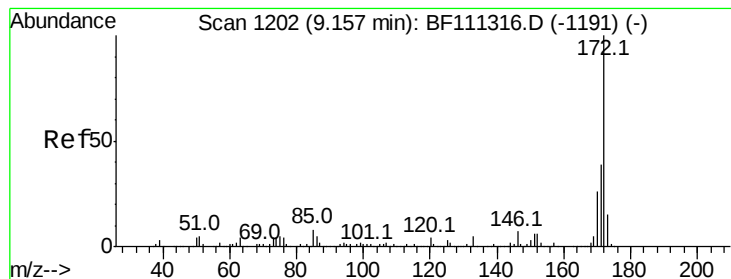
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#44
2,4,5-Trichlorophenol
Concen: 49.240 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	684272		
198	96.5	72.9	109.3	
97	60.2	45.3	67.9	
132	33.8	25.5	38.3	





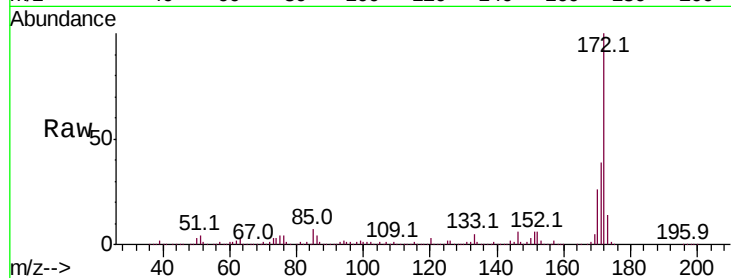
#45
2-Fluorobiphenyl
Concen: 93.560 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

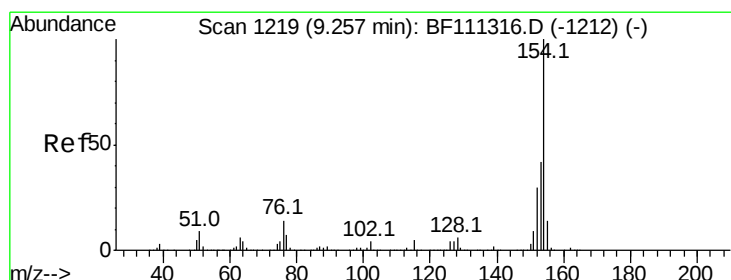
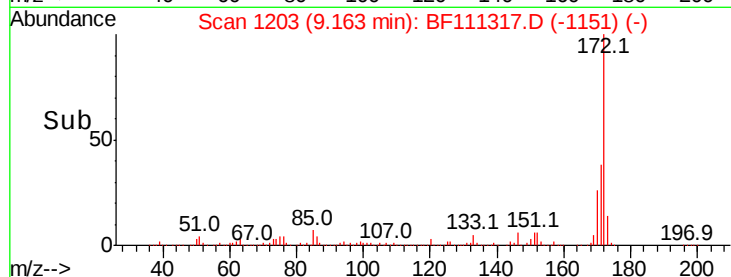
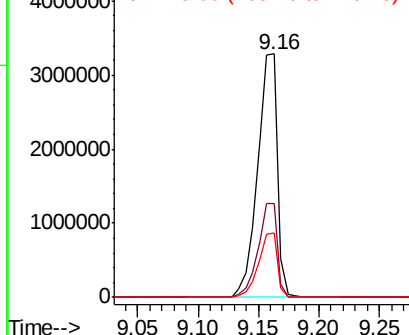
Tot Ion:172 Resp: 3788202
Ion Ratio Lower Upper
172 100
171 38.5 33.0 49.4
170 26.4 22.3 33.5

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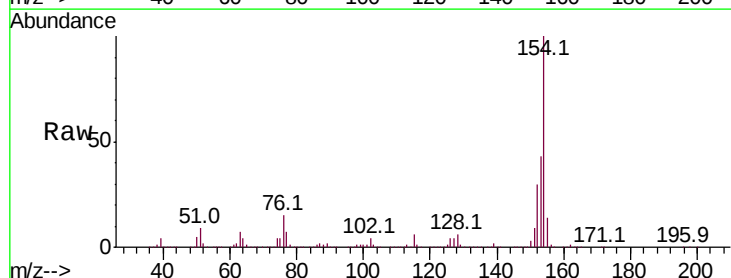


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

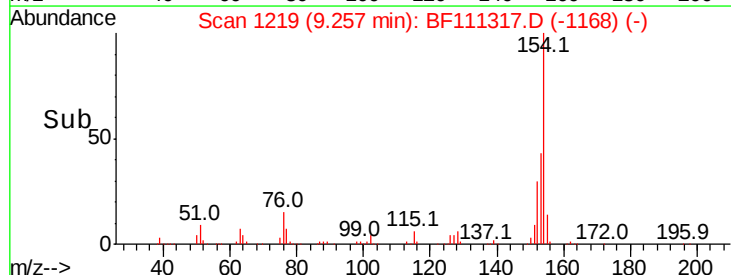
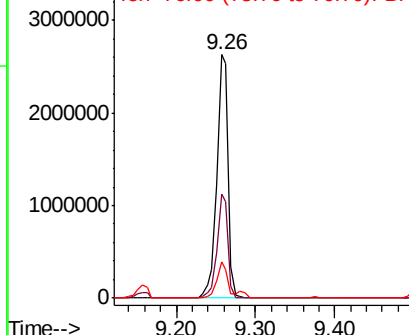


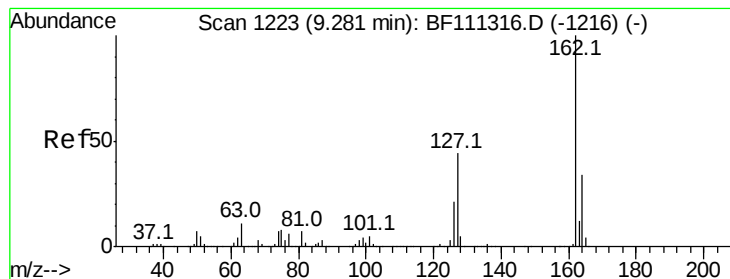
#46
1,1'-Biphenyl
Concen: 47.931 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion:154 Resp: 2573393
Ion Ratio Lower Upper
154 100
153 42.7 23.7 63.7
76 14.9 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





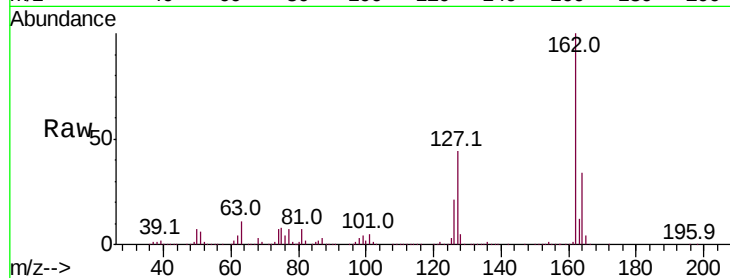
#47
2-Chloronaphthalene
Concen: 48.422 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

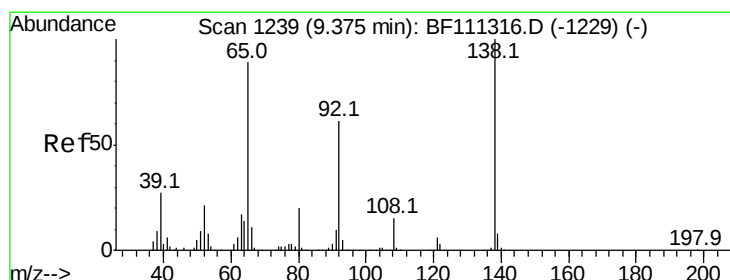
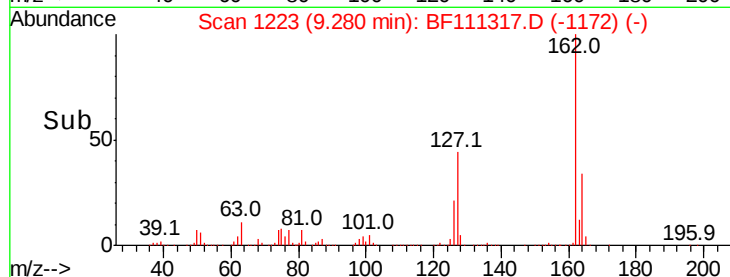
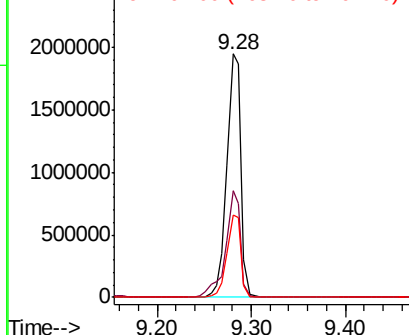
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.8	35.0	52.4
164	33.8	28.4	42.6

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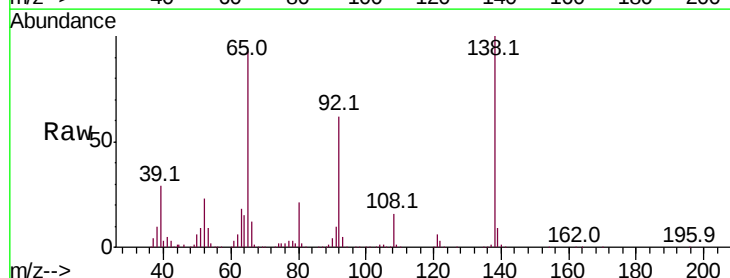


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

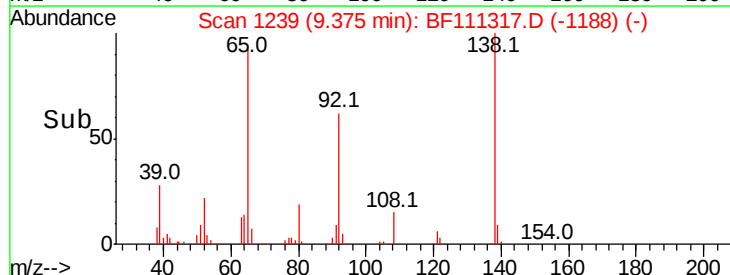
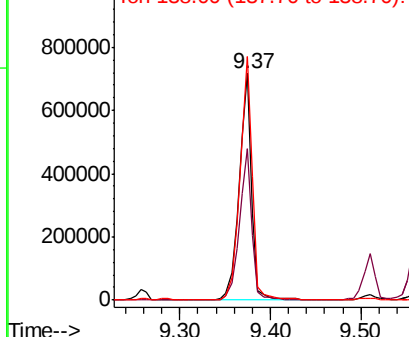


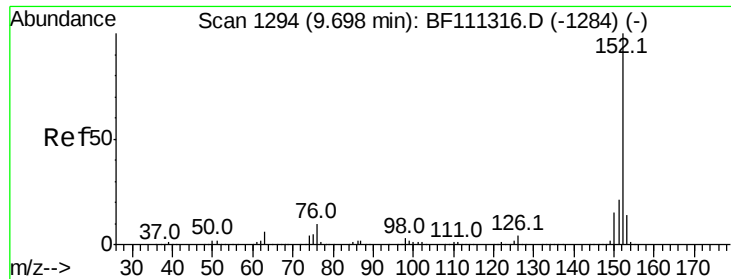
#48
2-Nitroaniline
Concen: 48.873 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.8	53.5	80.3
138	107.5	80.9	121.3



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.938 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:152 Resp: 2908386

Ion Ratio Lower Upper

152 100

151 21.8 18.0 27.0

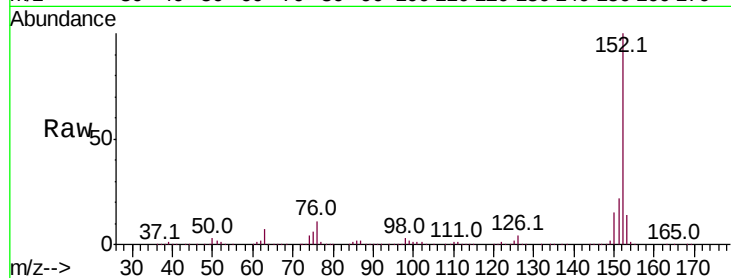
153 14.5 12.3 18.5

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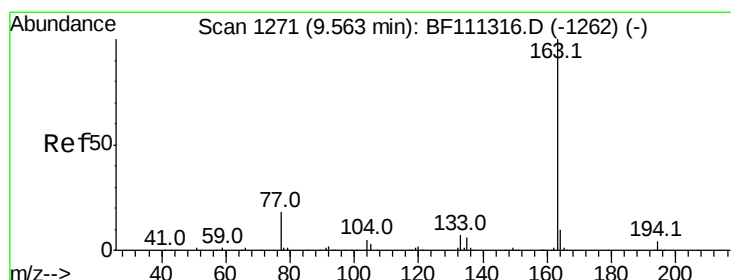
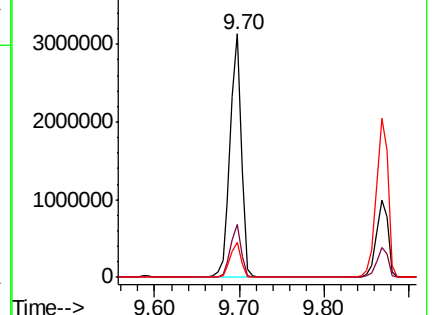
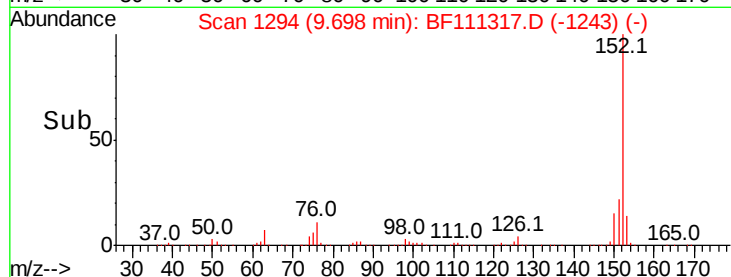
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.097 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

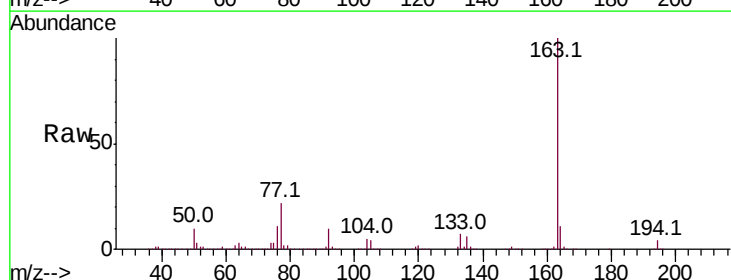
Tgt Ion:163 Resp: 2219536

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

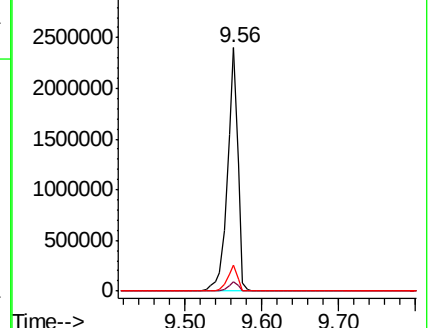
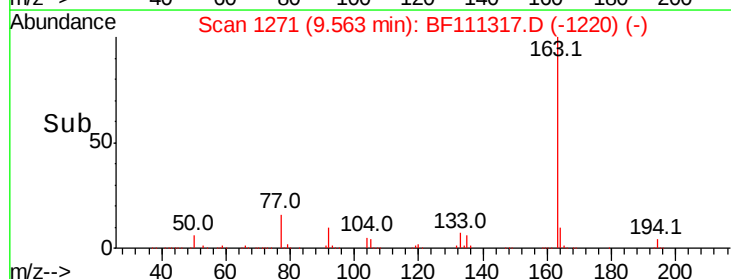
164 10.8 8.9 13.3

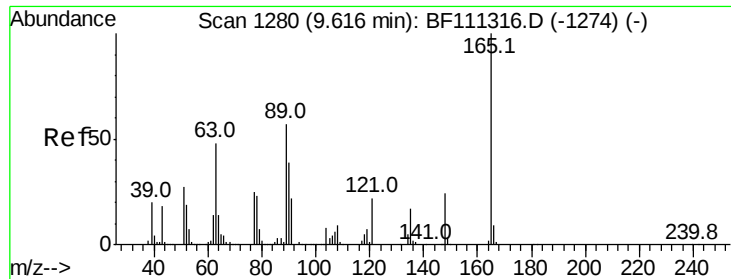


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





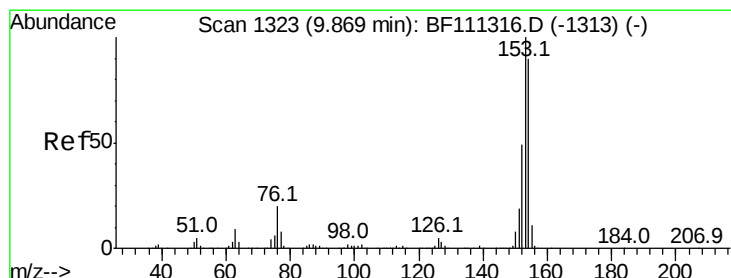
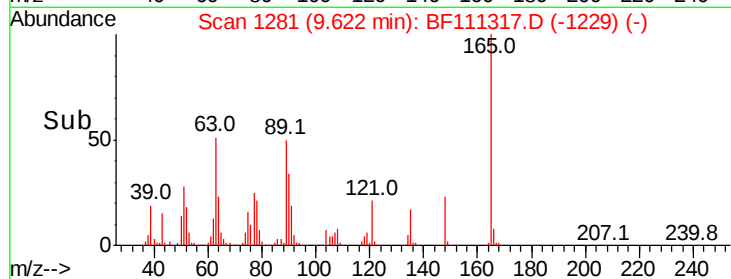
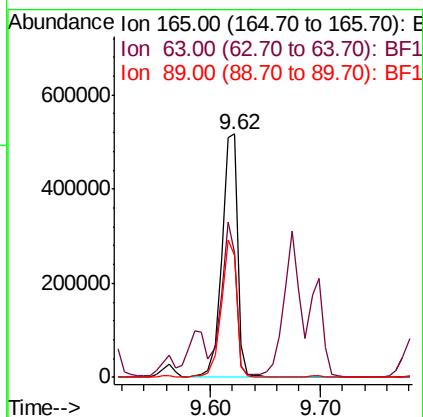
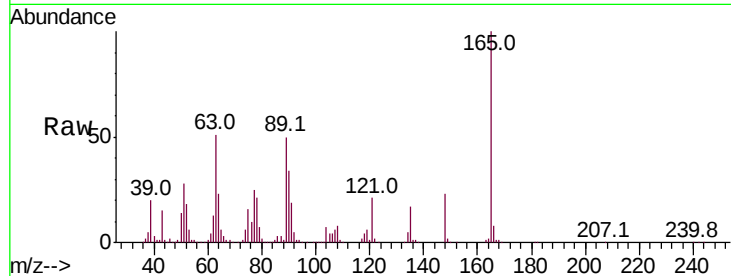
#51
2,6-Dinitrotoluene
Concen: 49.769 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
165	100	517972		
63	51.4		40.5	60.7
89	49.9		40.0	60.0

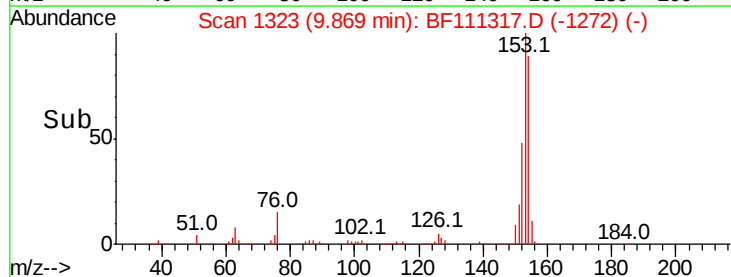
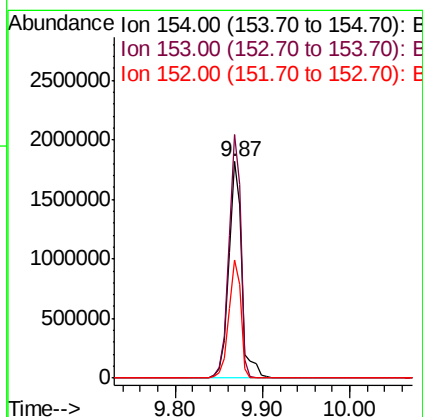
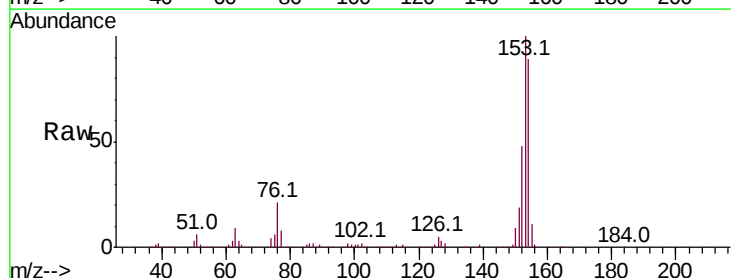
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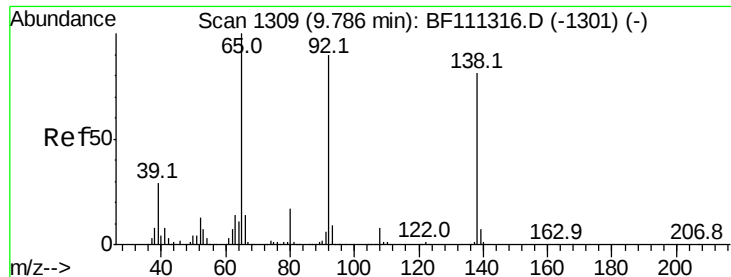
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#52
Acenaphthene
Concen: 49.005 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1865757		
153	112.4		87.8	131.8
152	54.4		43.4	65.2





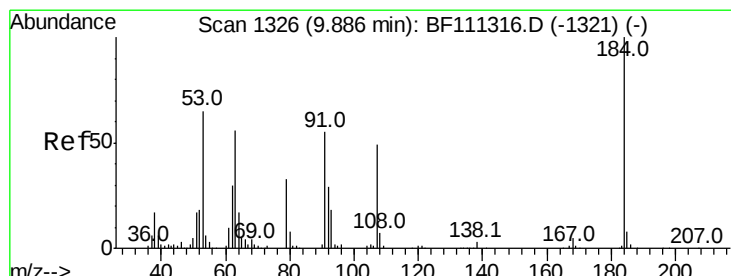
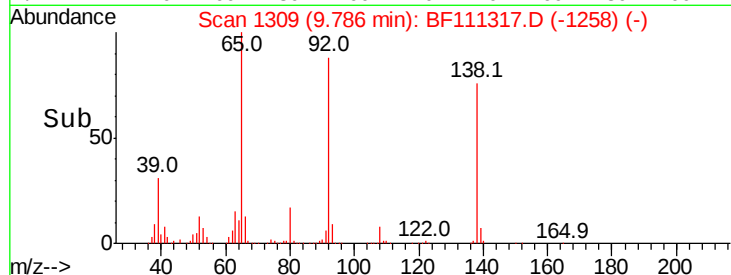
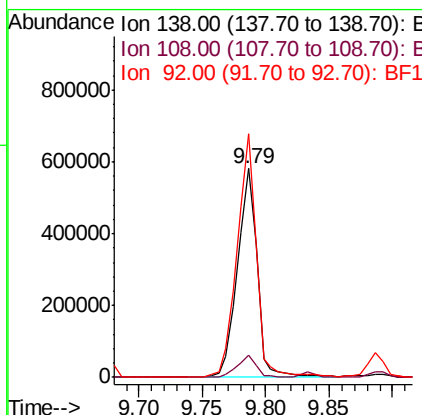
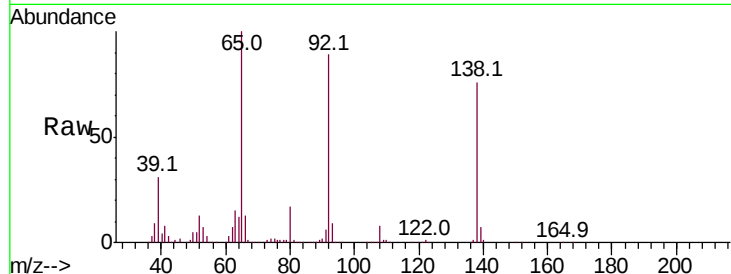
#53
3-Nitroaniline
Concen: 48.297 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.2	12.4
92	116.6	93.4	140.2

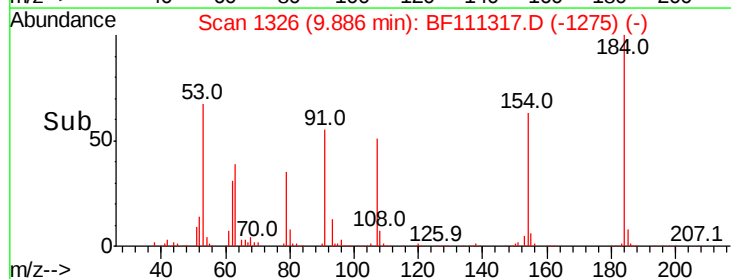
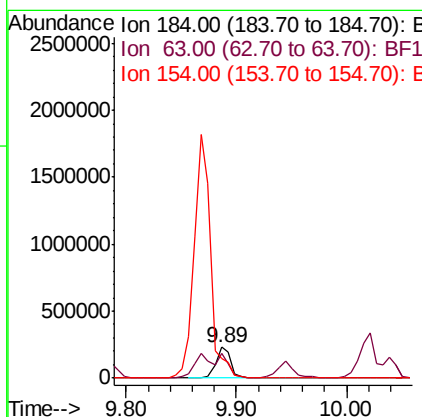
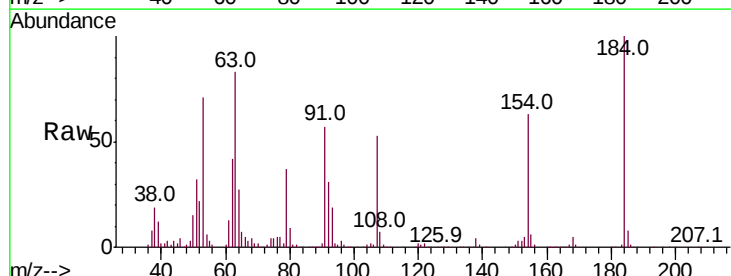
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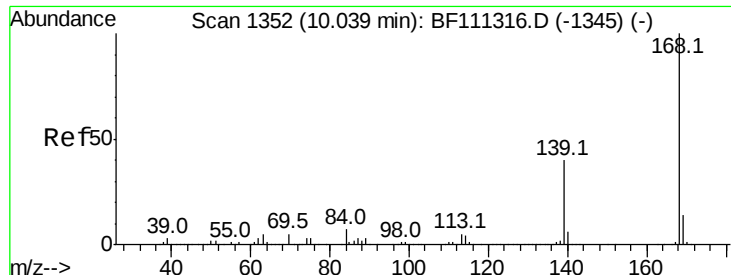
Sohil
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#54
2,4-Dinitrophenol
Concen: 52.736 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Lower	Upper
184	100		
63	82.8	62.3	93.5
154	63.1	56.2	84.2





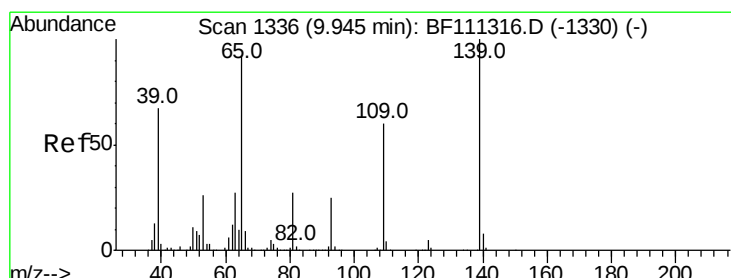
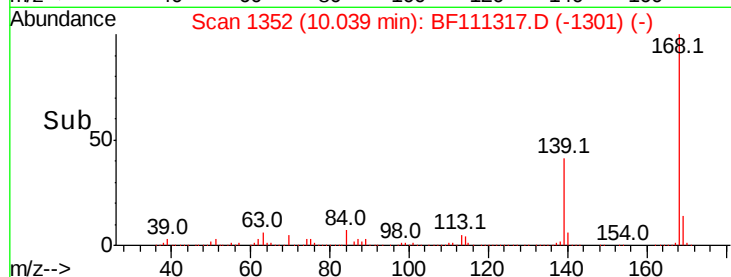
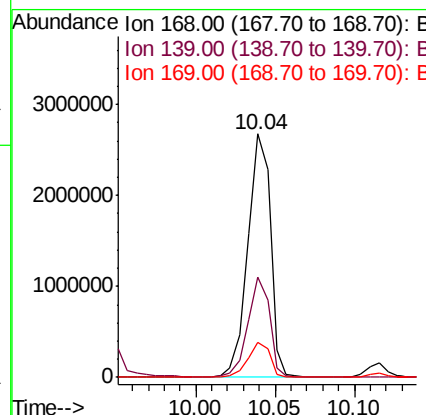
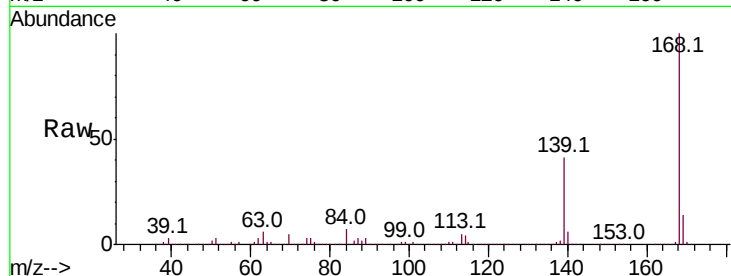
#55
Dibenzenofuran
Concen: 51.247 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.9	32.6	49.0
169	14.4	11.8	17.6

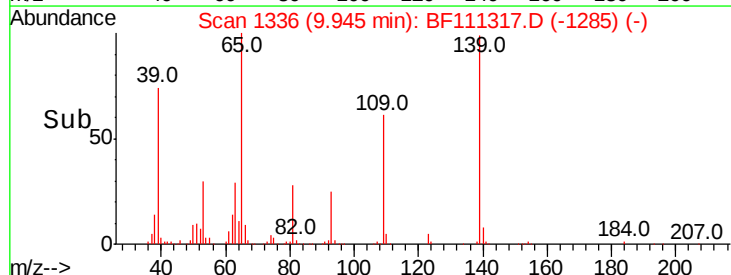
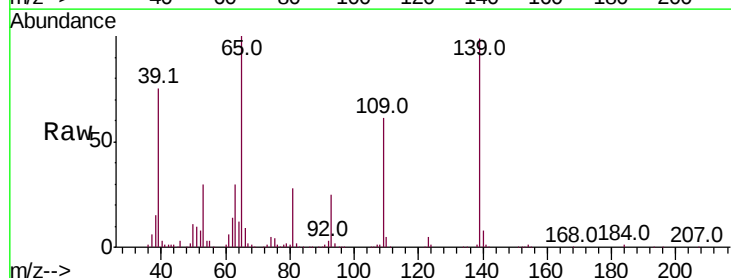
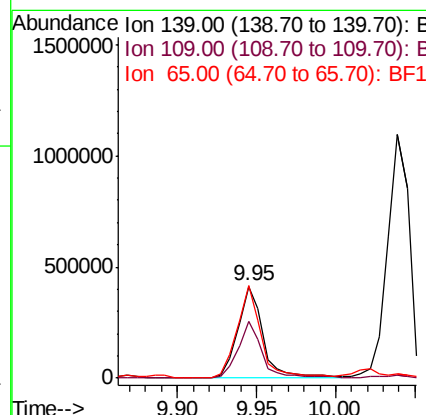
Manual Integrations
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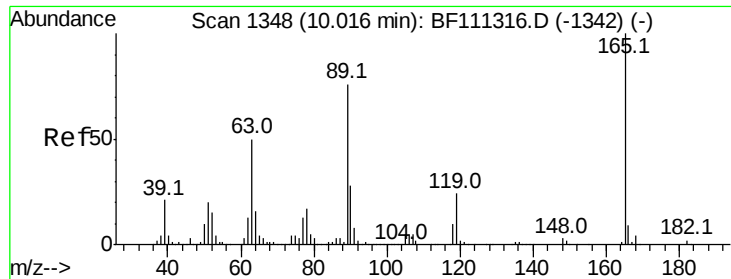
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#56
4-Nitrophenol
Concen: 46.058 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.6	41.8	81.8
65	101.2	79.6	119.6





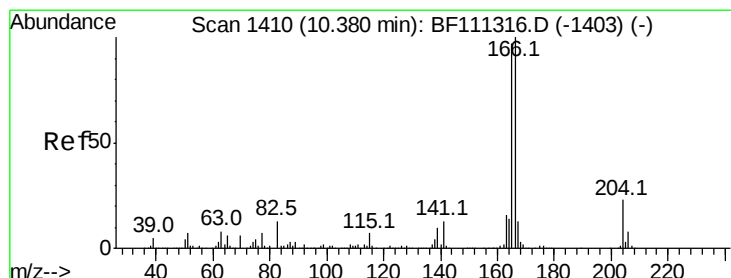
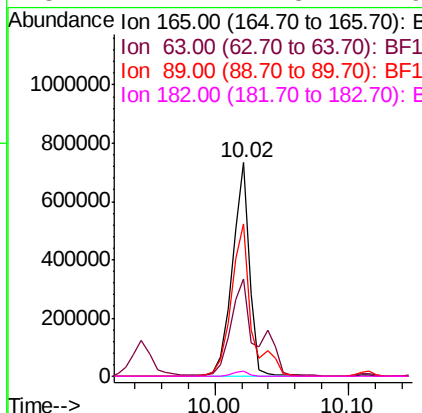
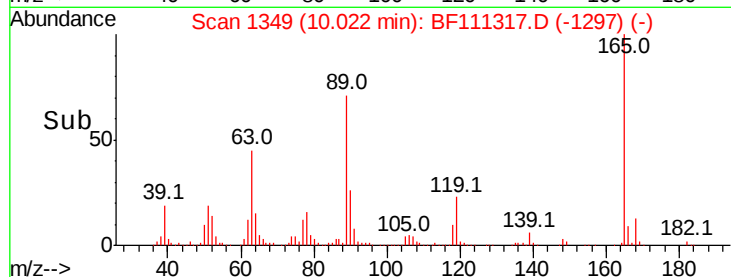
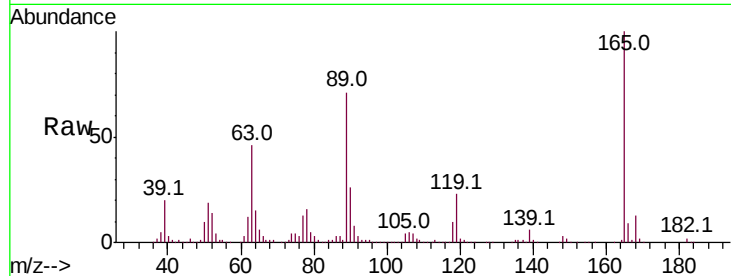
#57
2,4-Dinitrotoluene
Concen: 51.875 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
165	100	665564		
63	45.7	34.6	52.0	
89	71.3	56.2	84.4	
182	2.2	1.8	2.6	

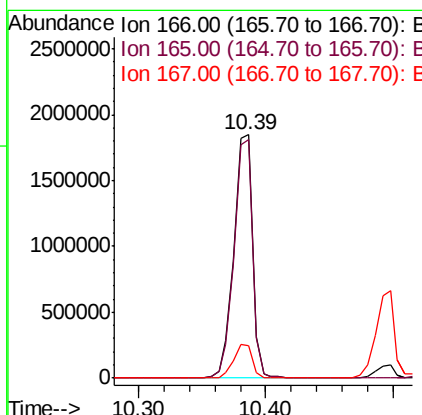
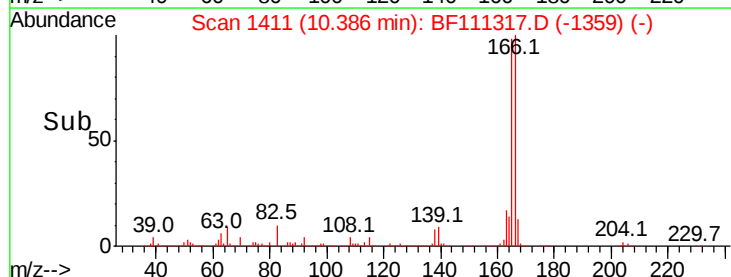
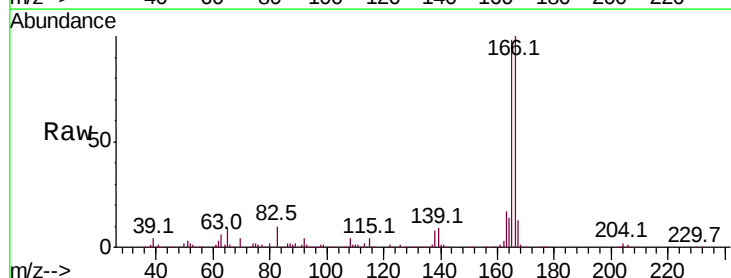
Manual Integrations
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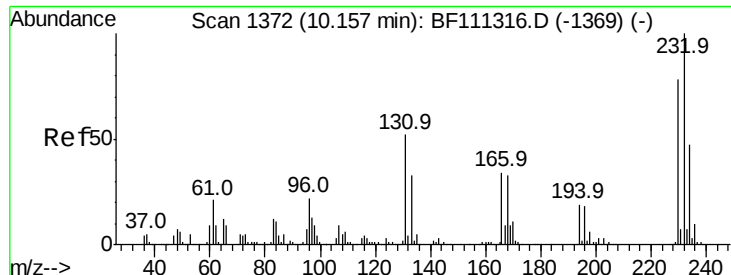
Sohil
12/13/2018 6:05:54 PM



#58
Fluorene
Concen: 46.576 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1866878		
165	97.8	78.4	117.6	
167	13.3	11.2	16.8	





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.717 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:232 Resp: 513165

Ion Ratio Lower Upper

232 100

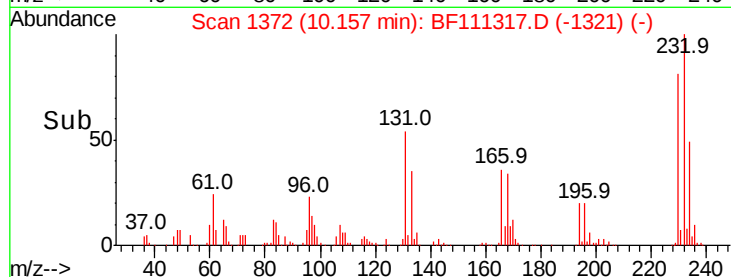
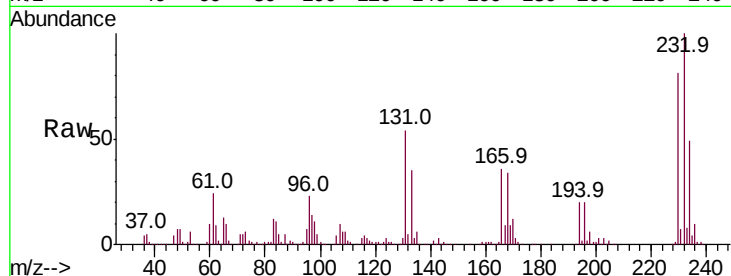
131 51.8 40.9 61.3

130 2.3 2.0 3.0

166 33.9 26.8 40.2

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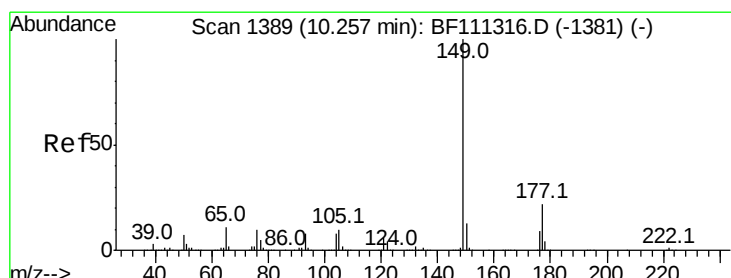
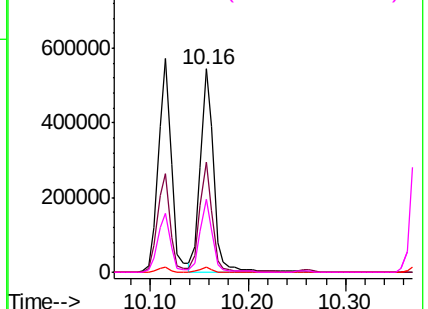


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 48.995 ng

RT: 10.26 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

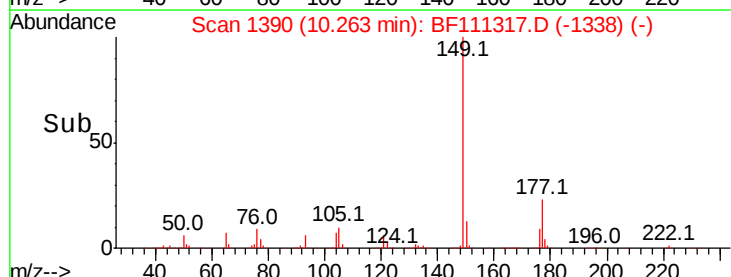
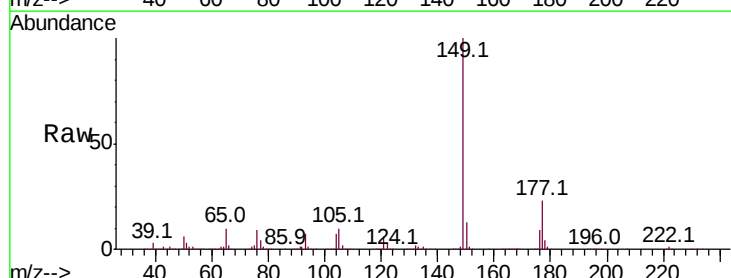
Tgt Ion:149 Resp: 2201321

Ion Ratio Lower Upper

149 100

177 22.8 18.3 27.5

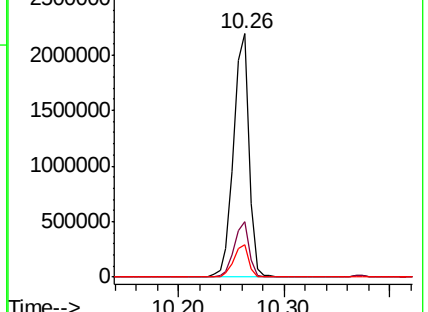
150 13.1 10.6 15.8

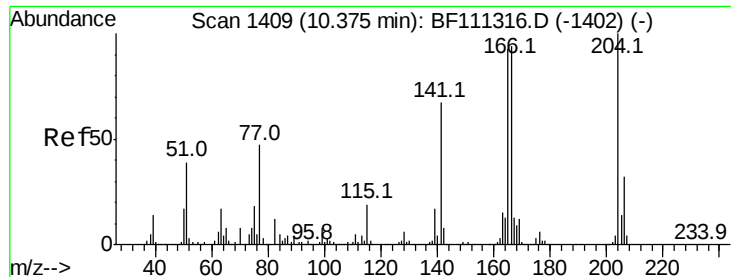


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





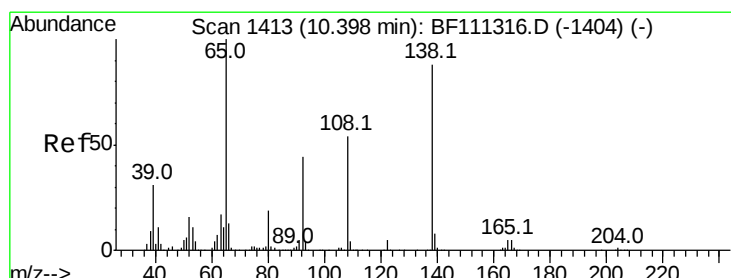
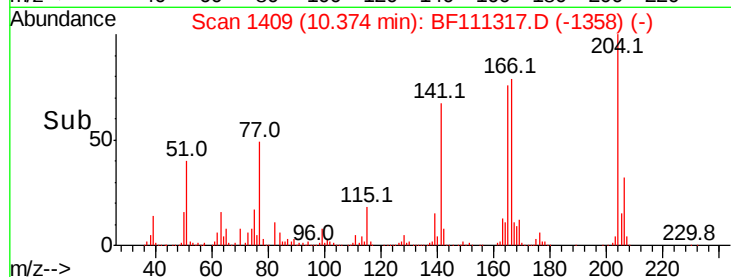
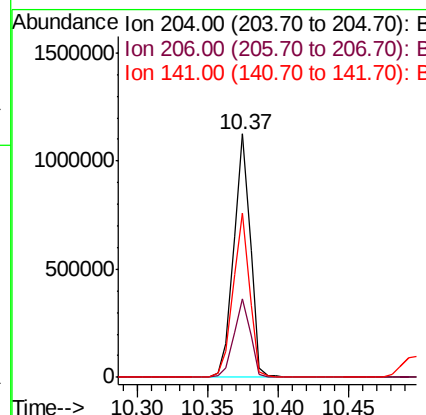
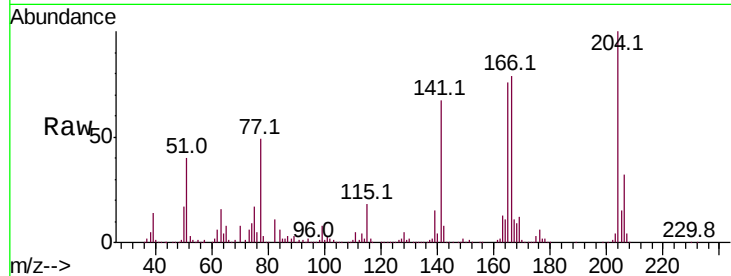
#61
4-Chlorophenyl-phenylether
Concen: 46.356 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.6	39.8
141	67.2	52.6	78.8

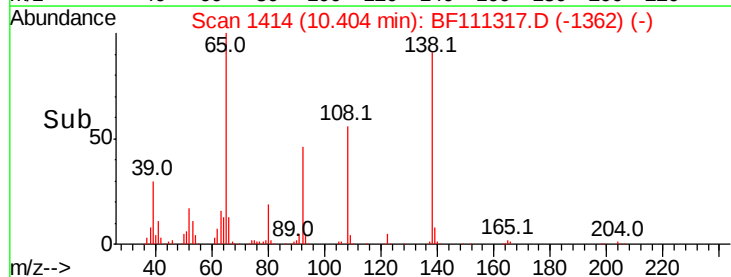
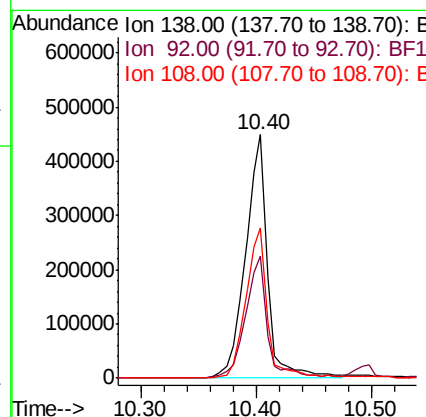
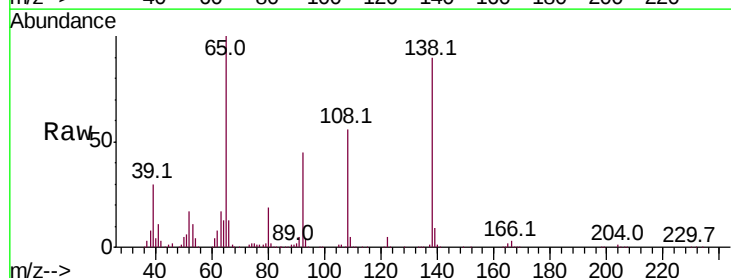
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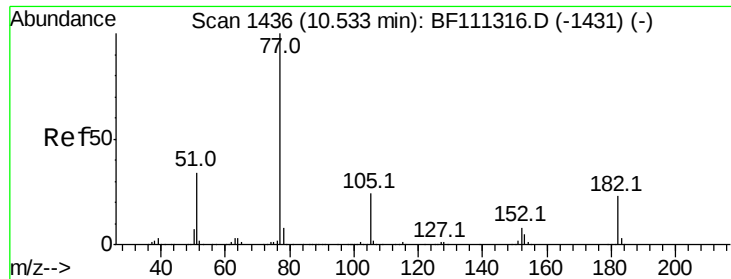
Sohil
12/13/2018 6:05:54 PM



#62
4-Nitroaniline
Concen: 48.591 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	29.9	69.9
108	61.6	43.2	83.2





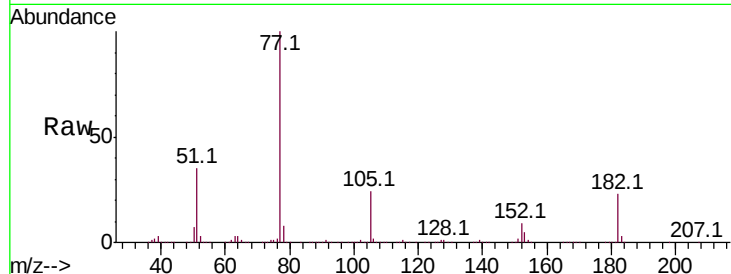
#63
Azobenzene
Concen: 47.941 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

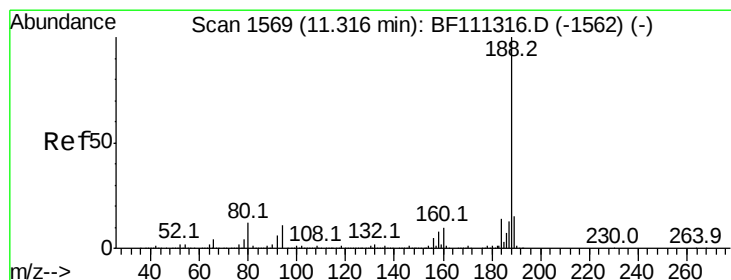
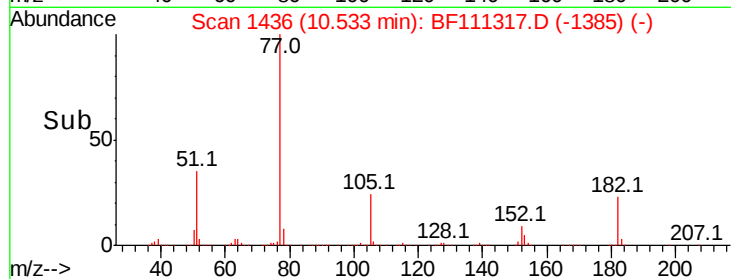
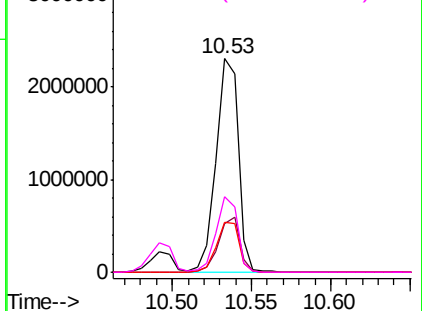
Tot Ion: 77 Resp: 2236290
Ion Ratio Lower Upper
77 100
182 22.8 4.9 44.9
105 23.6 6.0 46.0
51 35.4 14.7 54.7

Manual Integrations
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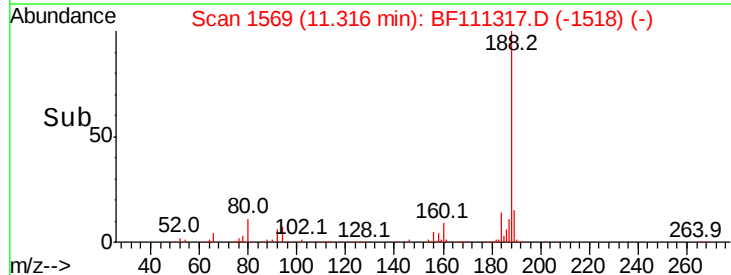
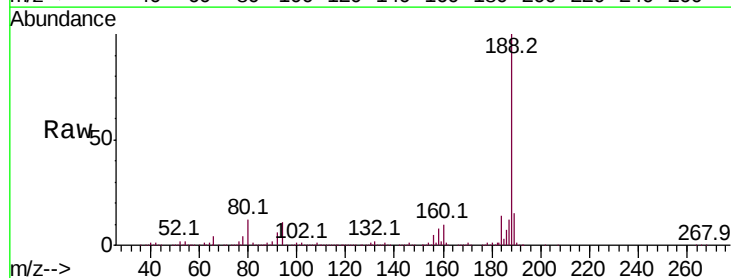
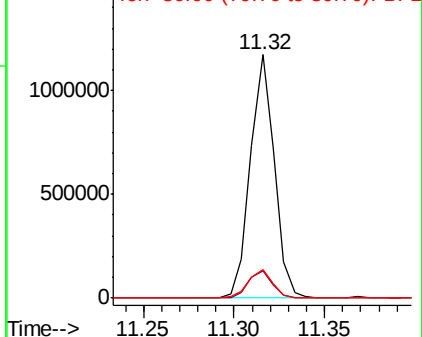
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

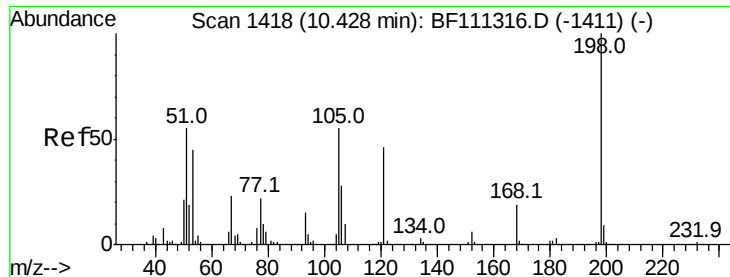


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion: 188 Resp: 1083856
Ion Ratio Lower Upper
188 100
94 11.1 9.6 14.4
80 11.9 9.8 14.6

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





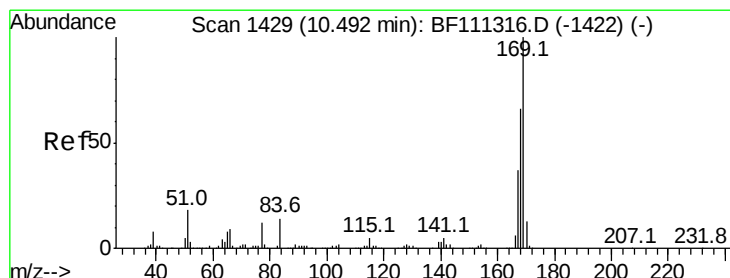
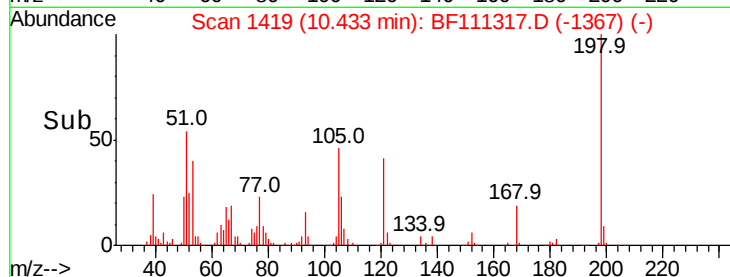
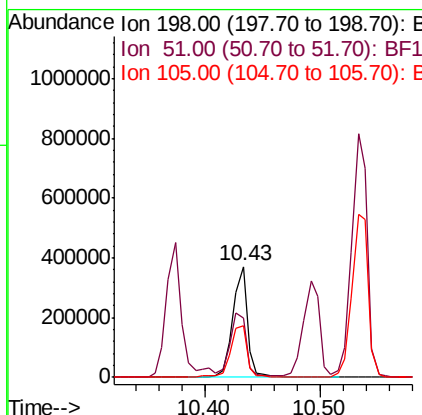
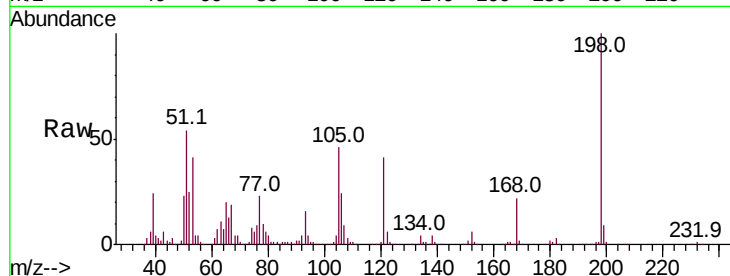
#65
4,6-Dinitro-2-methylphenol
Concen: 56.087 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampled :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
198	100		
51	54.0	48.0	88.0
105	46.2	34.0	74.0

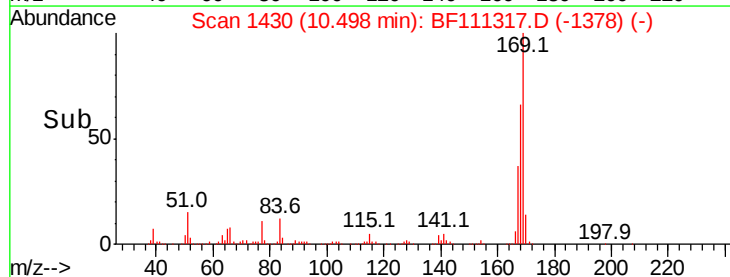
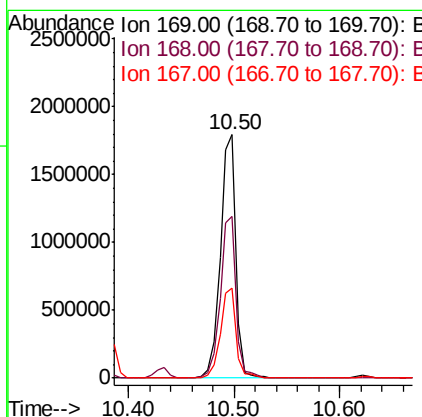
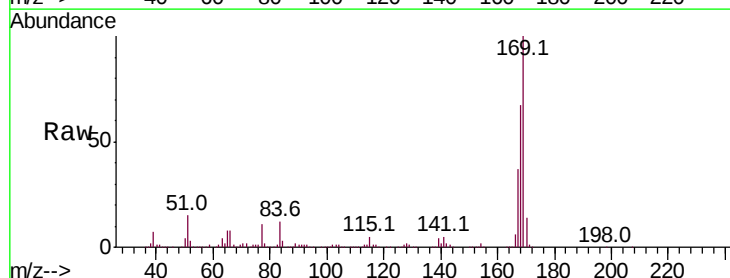
Manual Integrations
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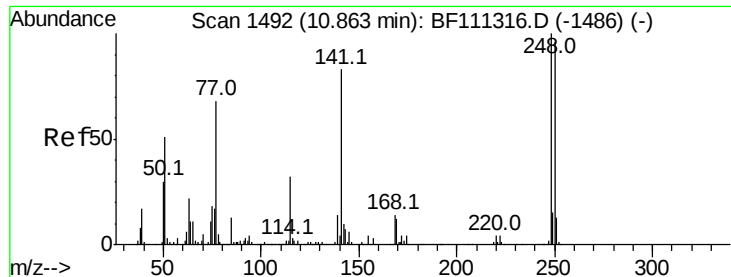
Sohil
12/13/2018 6:05:54 PM



#66
n-Nitrosodiphenylamine
Concen: 50.131 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.5	54.4	81.6
167	37.2	30.5	45.7





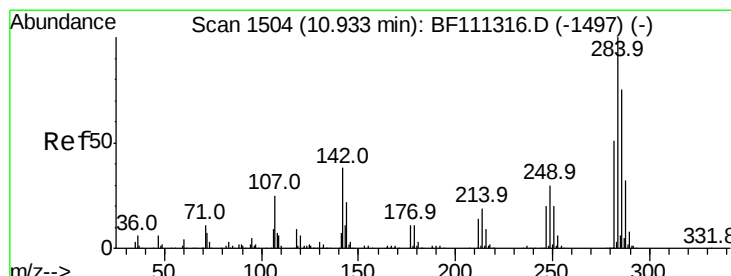
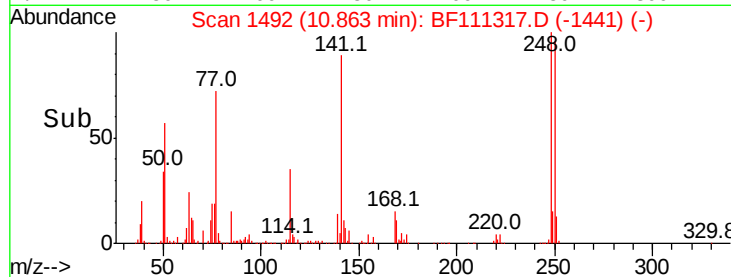
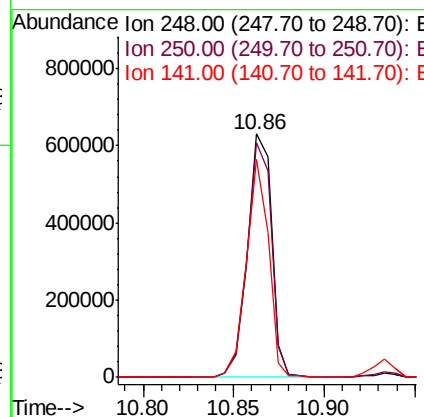
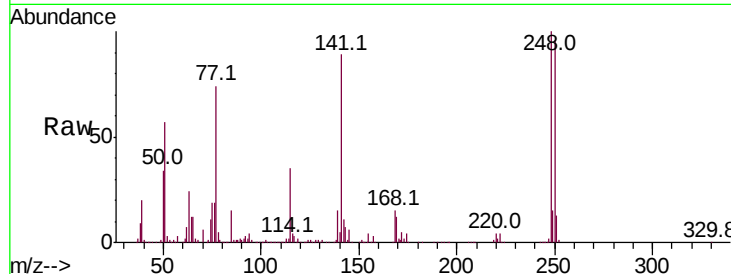
#67
4-Bromophenyl-phenylether
Concen: 49.386 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.0	115.4
141	89.3	63.0	94.6

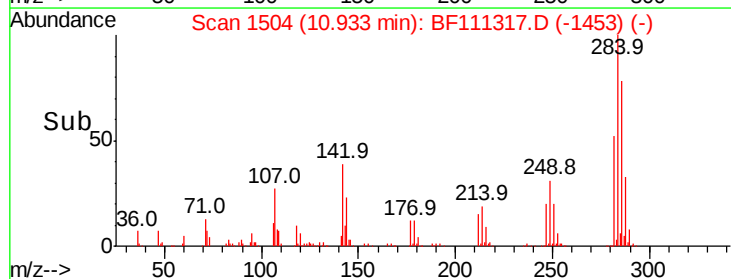
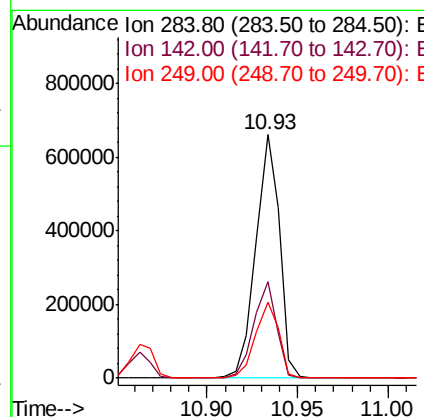
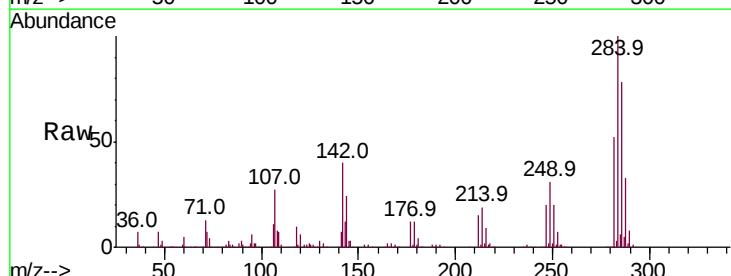
Manual Integrations
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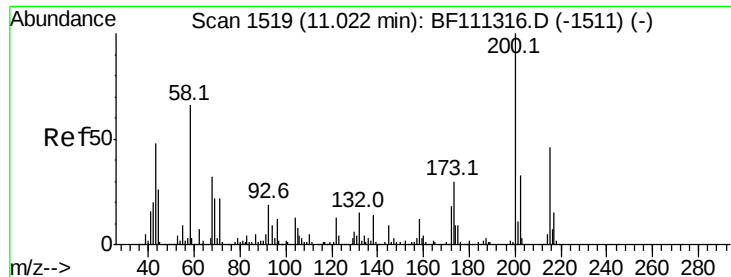
Sohil
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#68
Hexachlorobenzene
Concen: 49.888 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.7	27.4	41.2
249	31.4	24.4	36.6





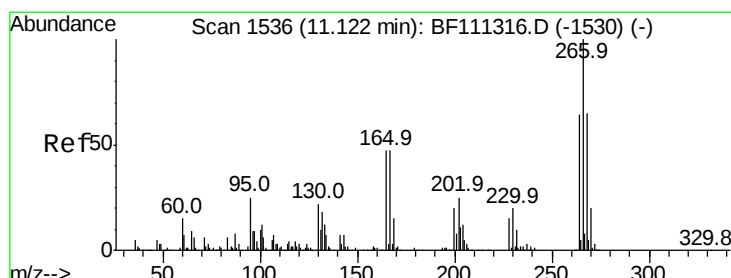
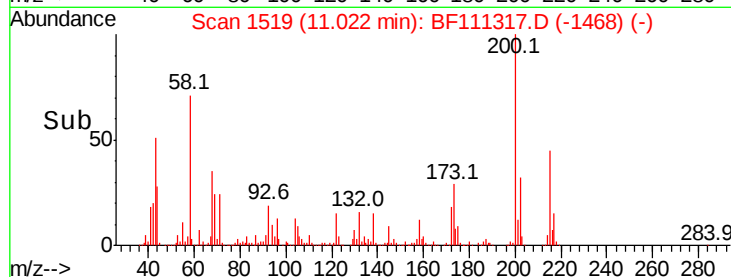
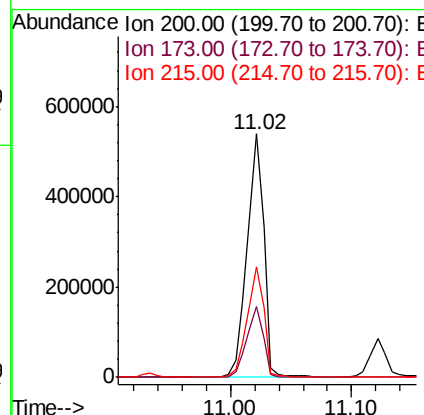
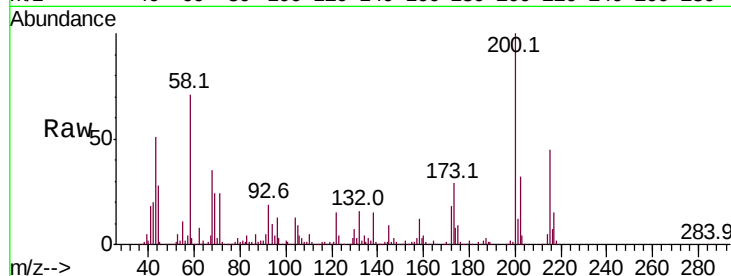
#69
Atrazine
Concen: 47.354 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
200	100	531289		
173	29.0	10.1	50.1	
215	45.5	26.9	66.9	

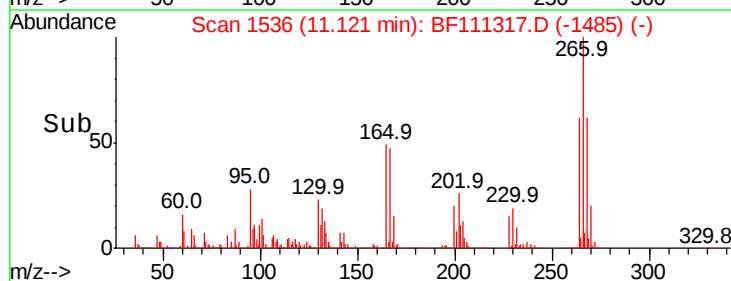
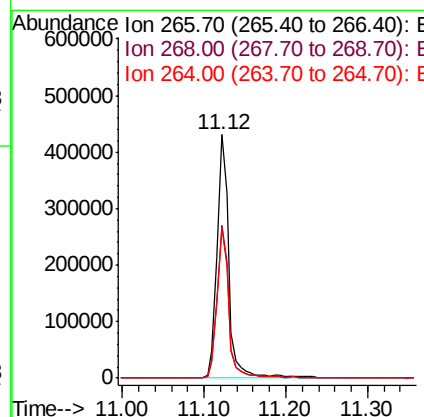
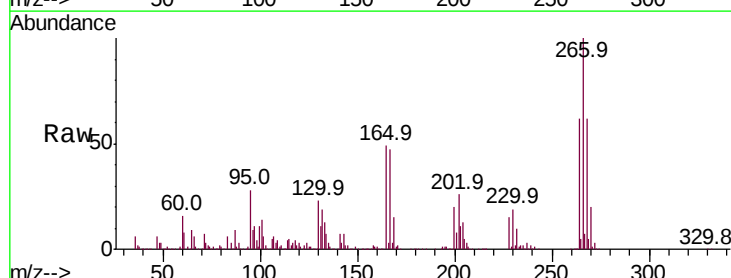
Manual Integrations
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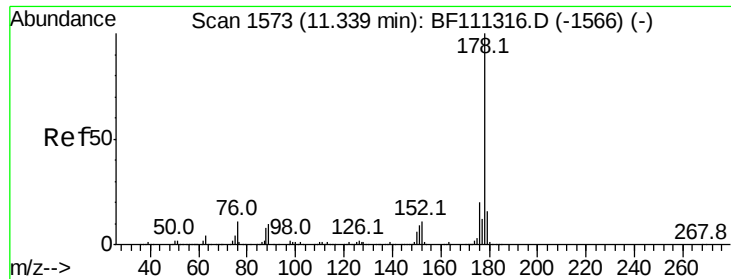
Sohil
12/13/2018 6:05:54 PM



#70
Pentachlorophenol
Concen: 49.668 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	435118		
268	62.5	47.9	71.9	
264	61.6	49.1	73.7	





#71

Phenanthrene

Concen: 48.541 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:178 Resp: 2653684

Ion Ratio Lower Upper

178 100

176 20.6 18.1 27.1

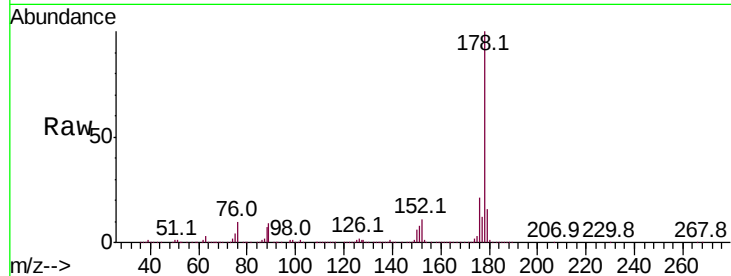
179 16.4 14.0 21.0

Manual Integrations

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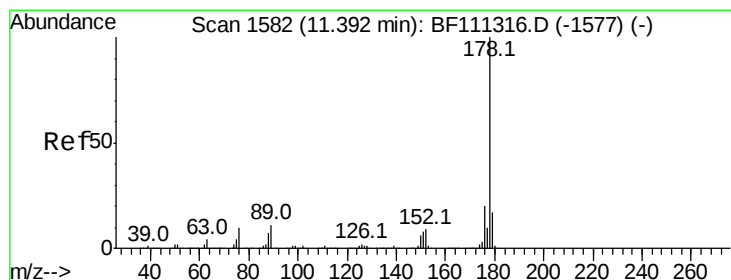
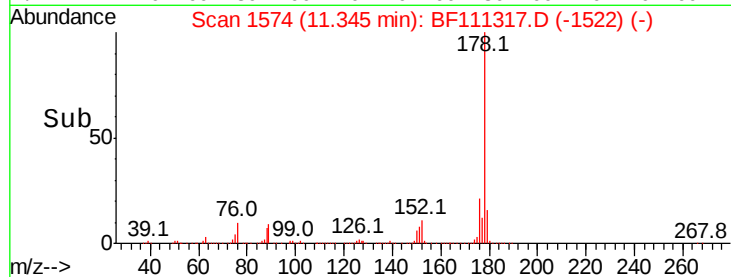
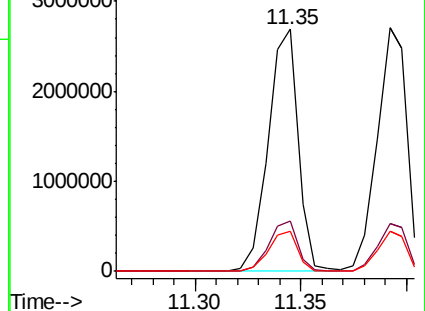
12/13/2018 6:05:54 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.084 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Tgt Ion:178 Resp: 2692921

Ion Ratio Lower Upper

178 100

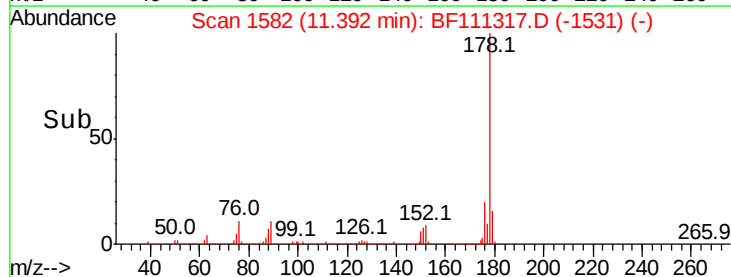
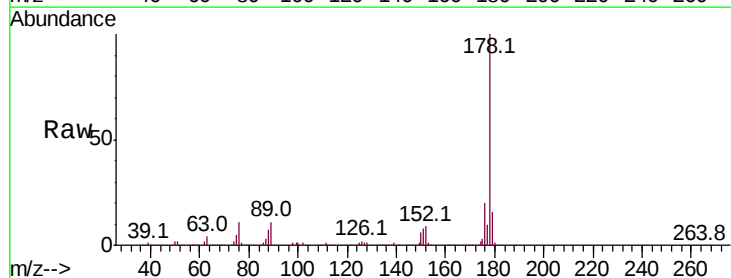
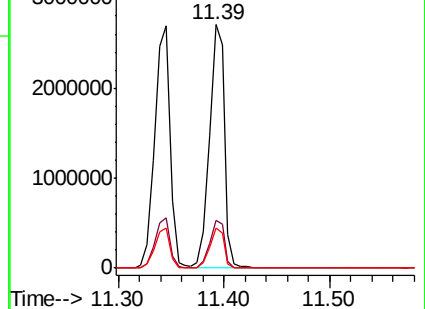
176 19.8 17.2 25.8

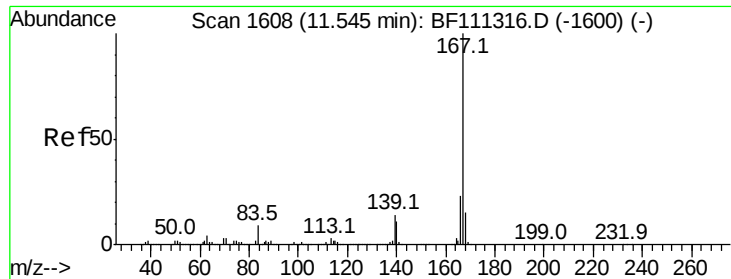
179 16.4 13.8 20.8

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





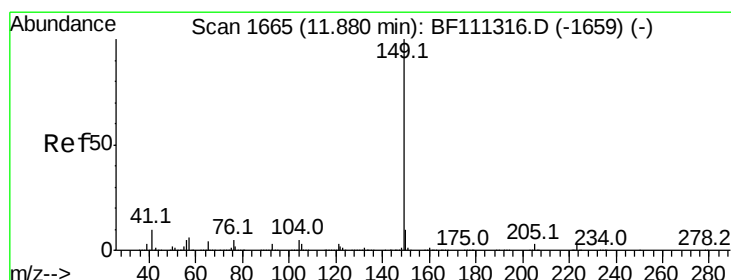
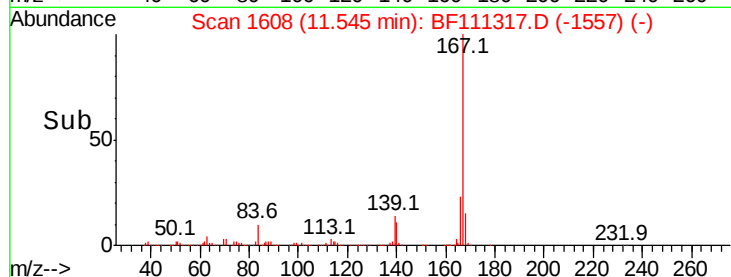
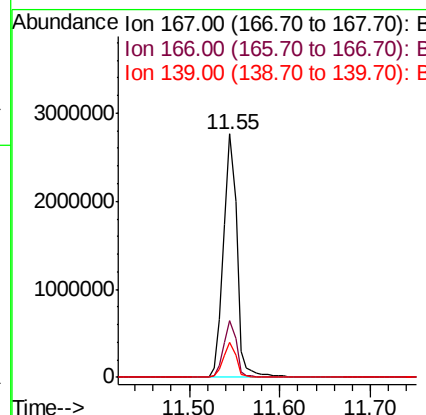
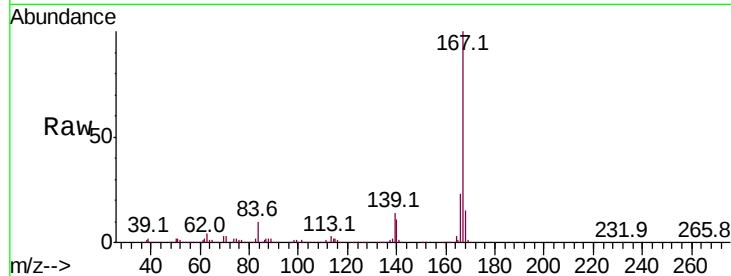
#73
 Carbazole
 Concen: 47.115 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.3	28.9
139	14.3	11.9	17.9

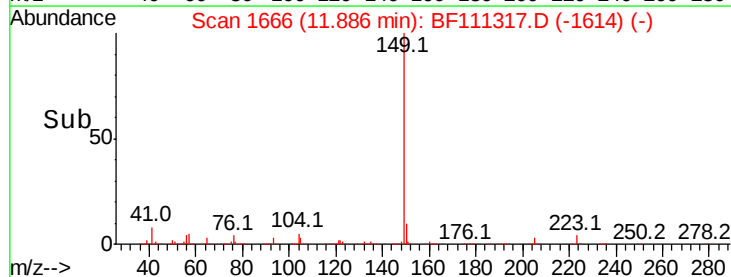
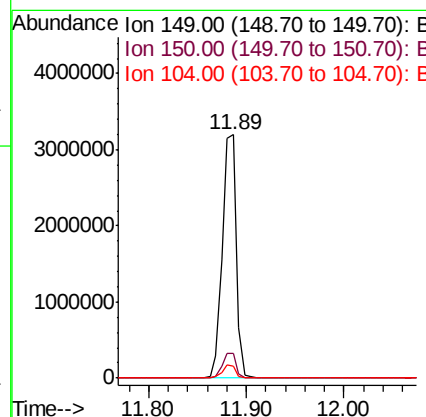
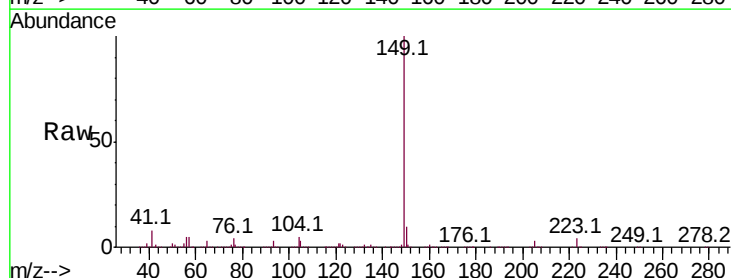
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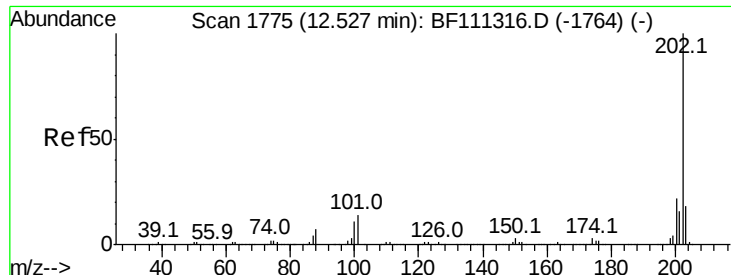
Sohil
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#74
 Di-n-butylphthalate
 Concen: 51.620 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.01 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.8	13.2
104	4.9	4.5	6.7





#75

Fluoranthene

Concen: 51.414 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

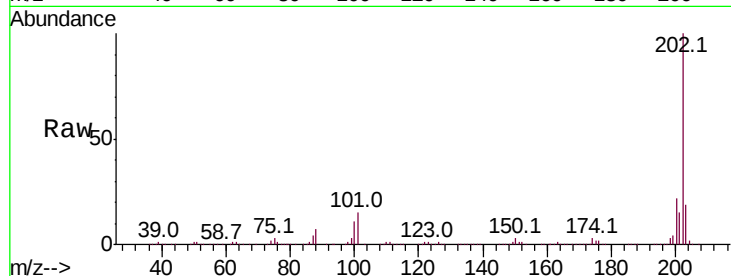
ClientSampleId :

SSTDIC050

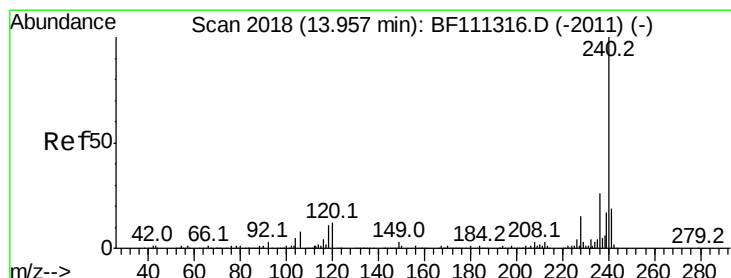
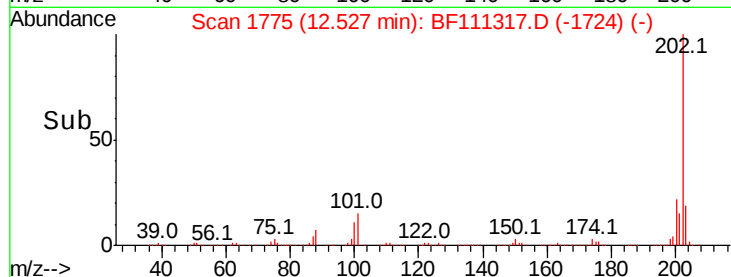
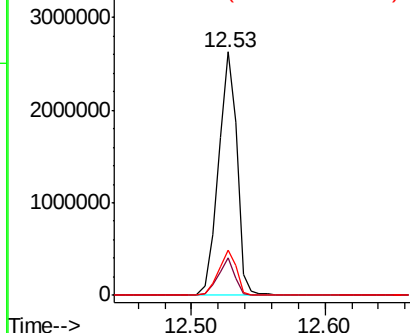
Tot Ion:	202	Resp:	2567611
Ion Ratio	Lower	Upper	
202	100		
101	15.2	0.0	33.8
203	18.8	0.0	38.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

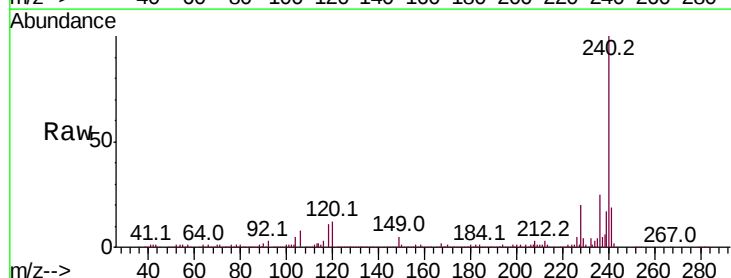
RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

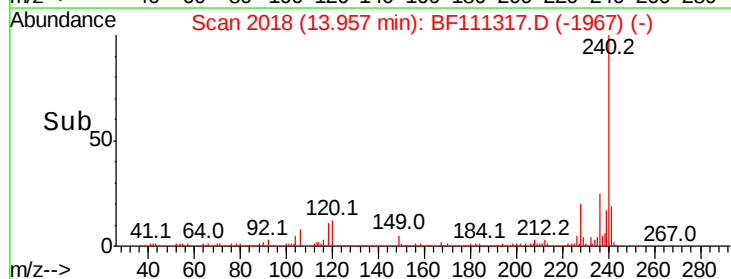
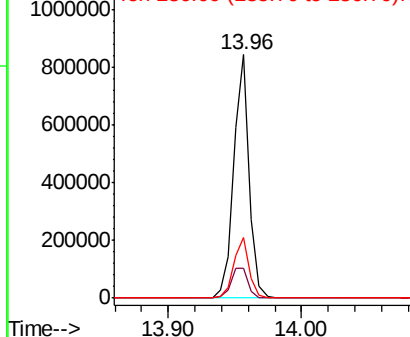
Lab File: BF111317.D

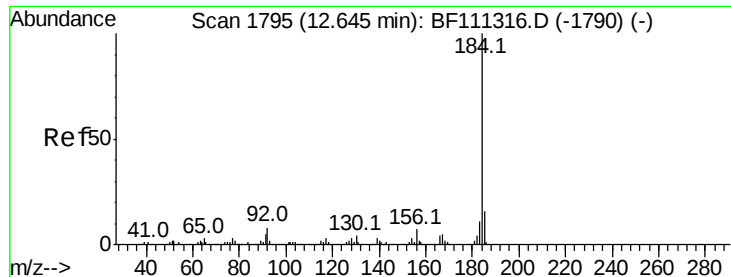
Acq: 12 Dec 2018 11:37

Tgt Ion:	240	Resp:	685559
Ion Ratio	Lower	Upper	
240	100		
120	12.1	12.2	18.2#
236	24.9	20.2	30.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.059 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:184 Resp: 713655

Ion Ratio Lower Upper

184 100

185 16.4 13.0 19.6

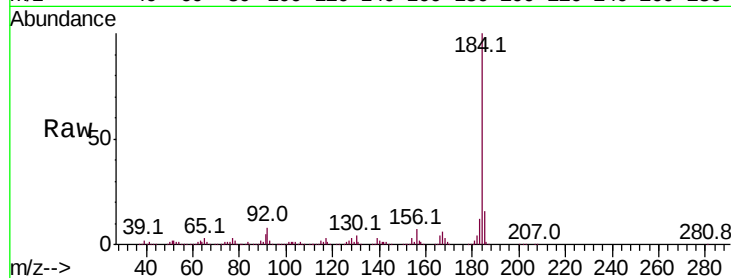
183 11.7 9.3 13.9

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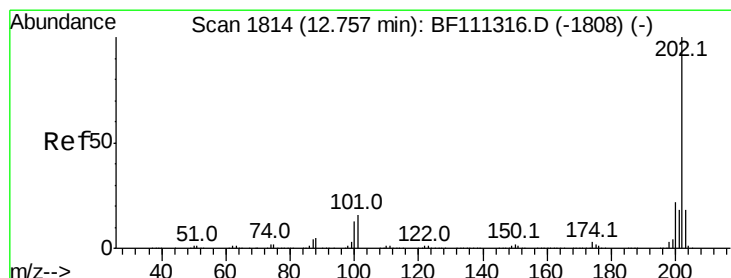
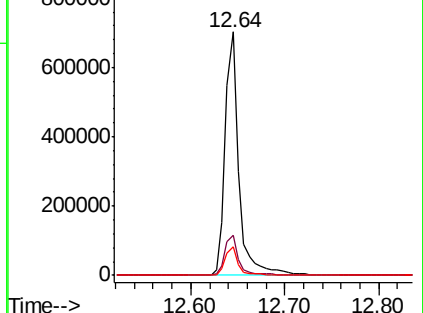
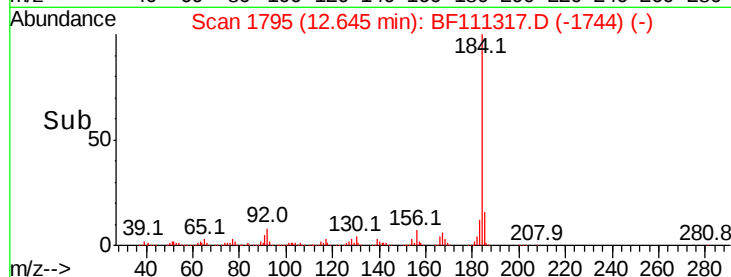
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 54.263 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

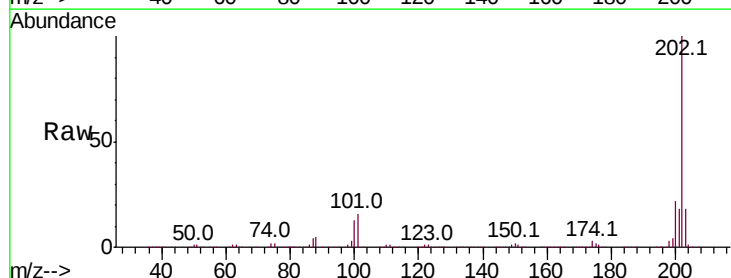
Tgt Ion:202 Resp: 2658356

Ion Ratio Lower Upper

202 100

200 22.3 19.0 28.4

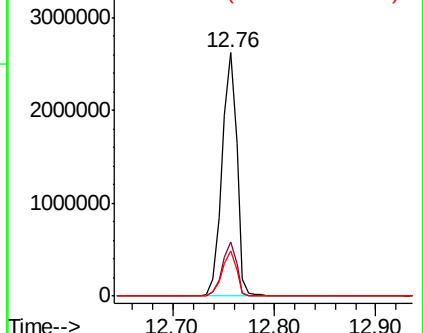
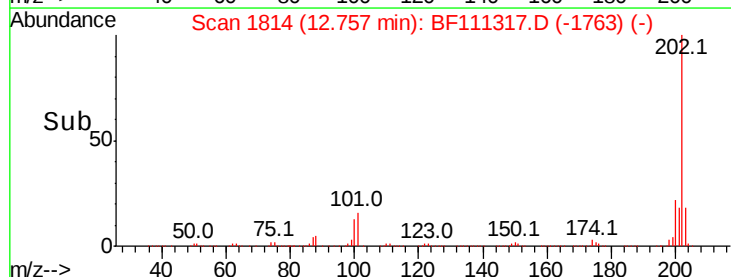
203 18.3 15.2 22.8

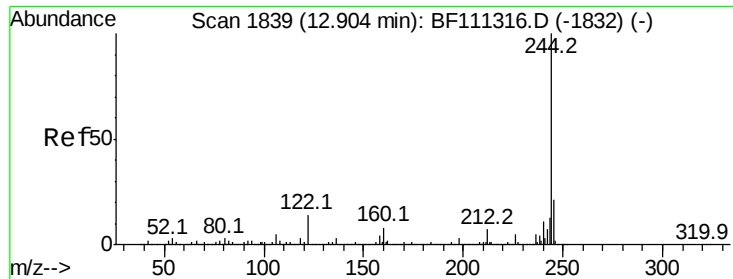


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





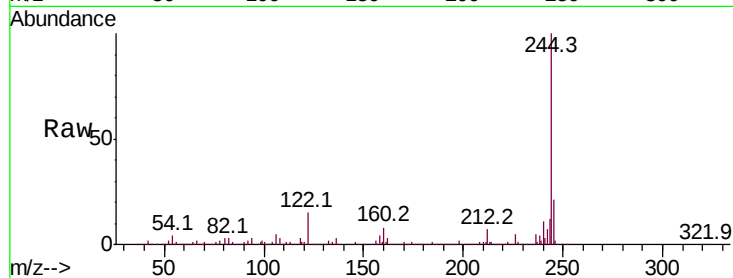
#79
Terphenyl-d14
Concen: 104.480 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

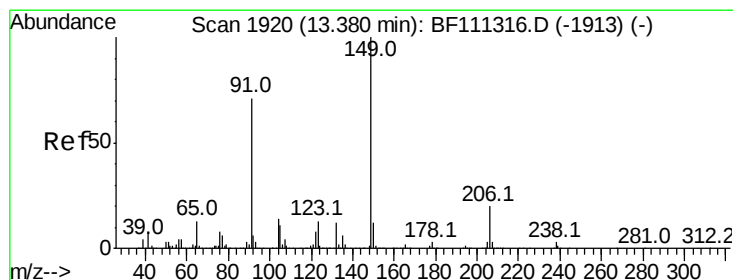
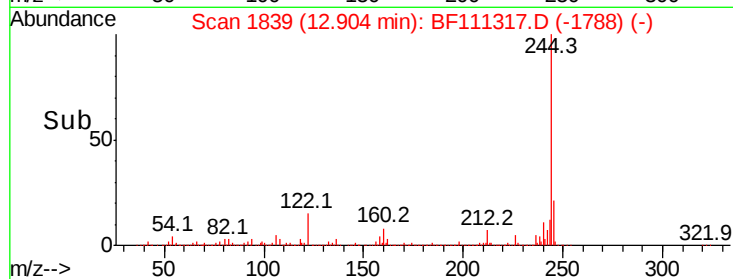
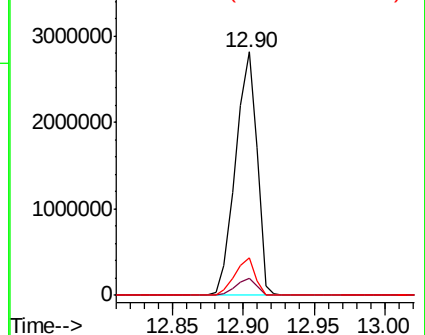
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	15.2	13.1	19.7

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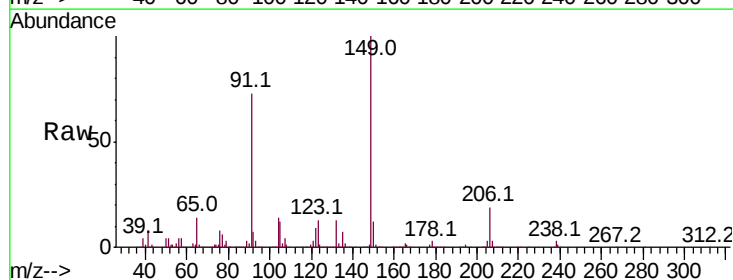


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

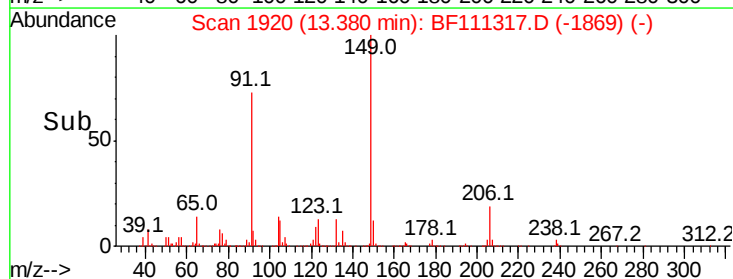
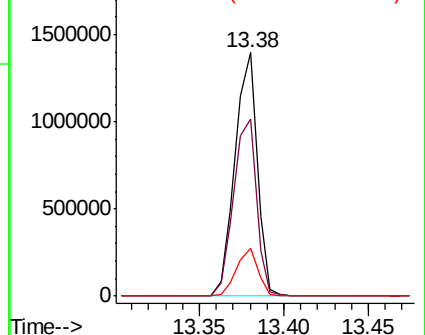


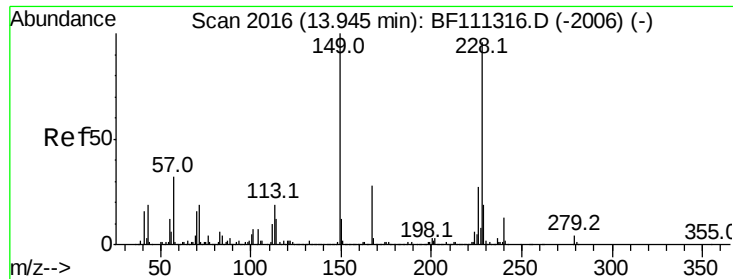
#80
Butylbenzylphthalate
Concen: 50.194 ng
RT: 13.38 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.6	63.8	95.6
206	19.4	15.1	22.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.022 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:228 Resp: 1836690

Ion Ratio Lower Upper

228 100

226 27.2 22.6 34.0

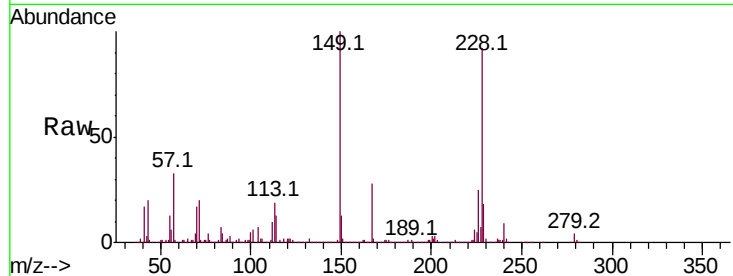
229 20.0 16.3 24.5

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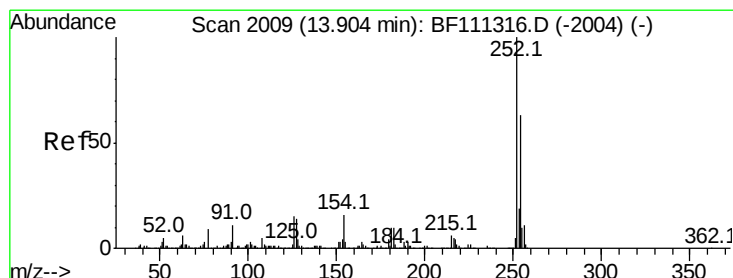
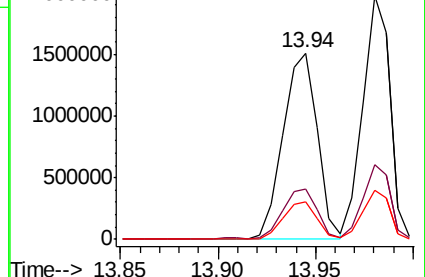
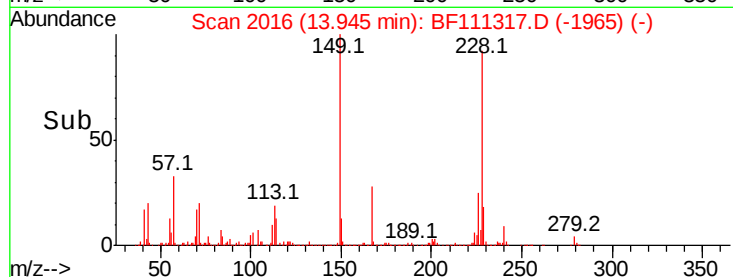
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.182 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

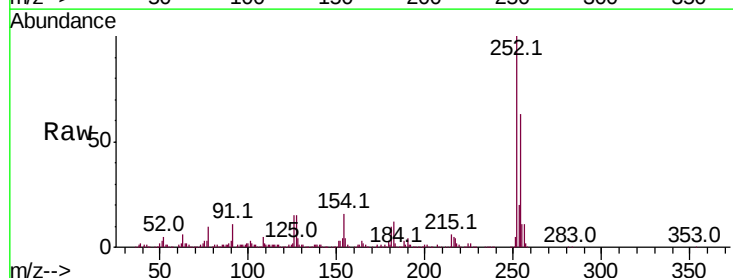
Tgt Ion:252 Resp: 676935

Ion Ratio Lower Upper

252 100

254 62.9 52.7 79.1

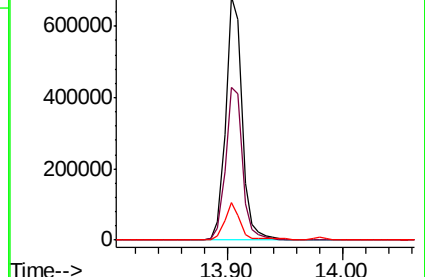
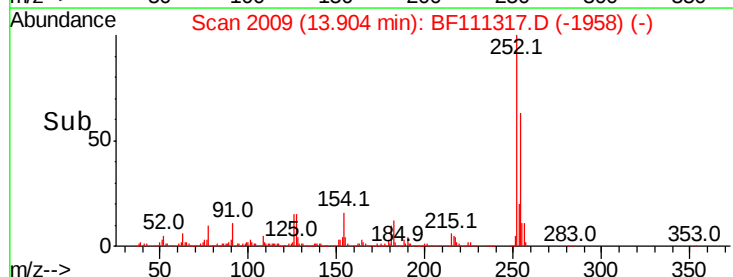
126 15.4 11.1 16.7

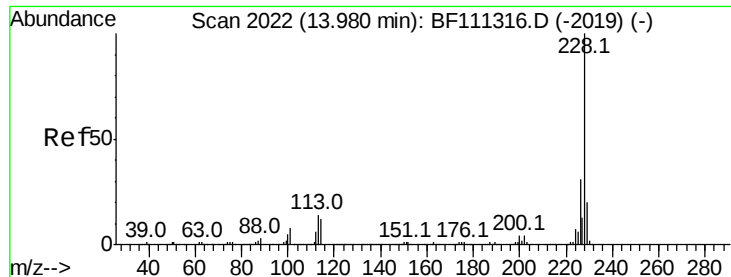


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





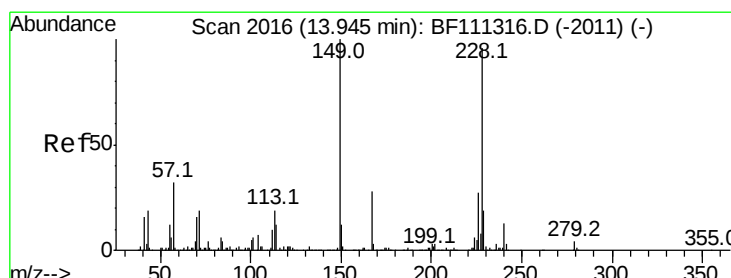
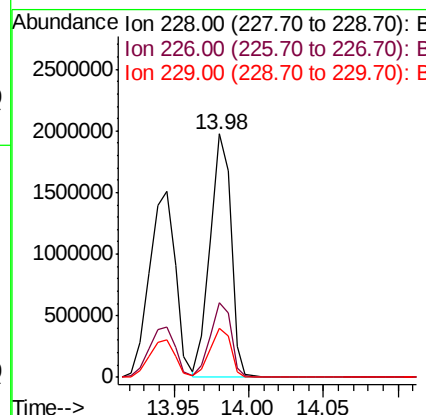
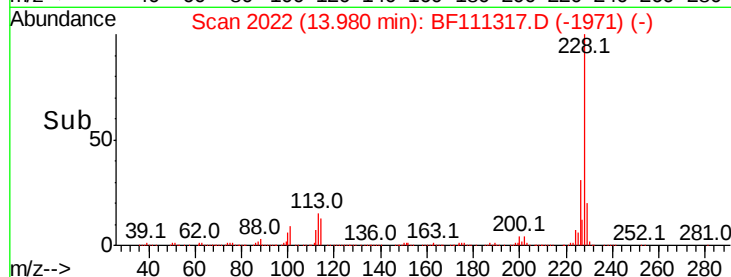
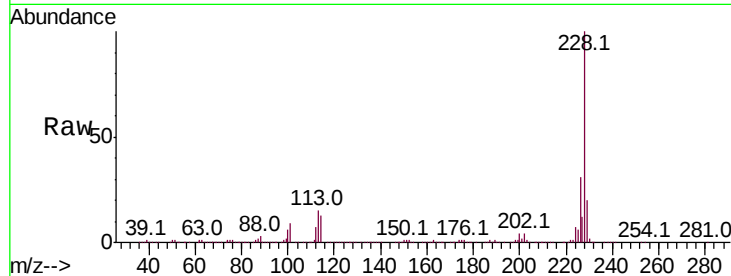
#83
 Chrysene
 Concen: 48.264 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.3	37.9
229	20.4	17.2	25.8

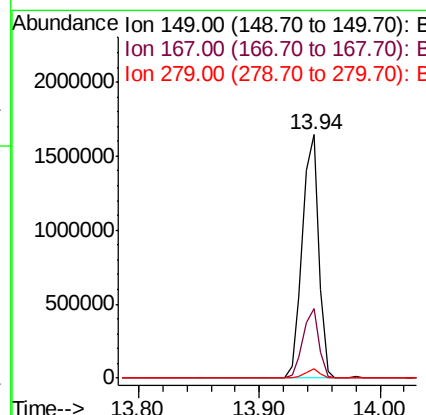
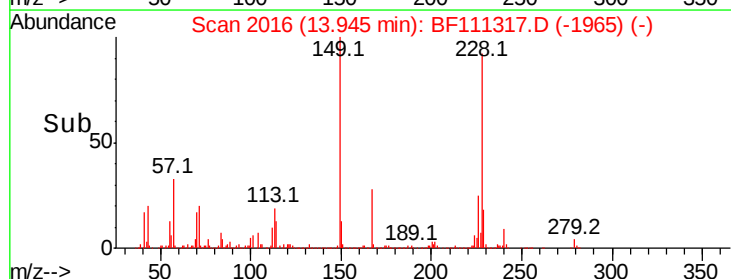
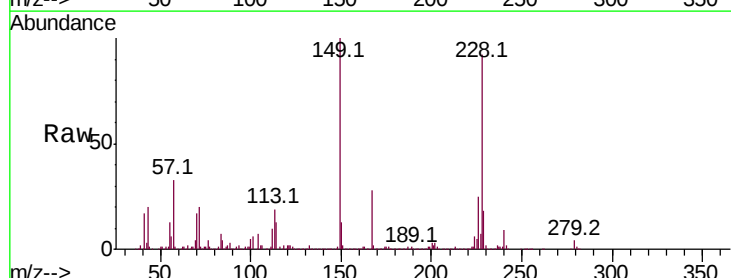
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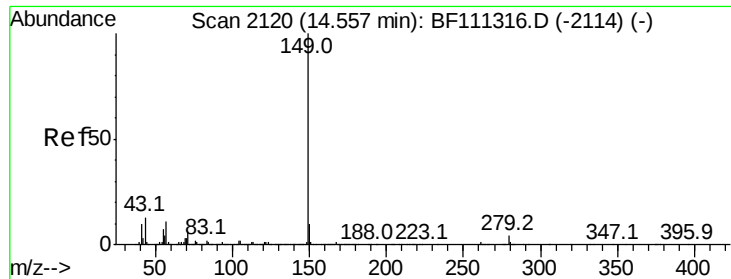
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.452 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF111317.D
 Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.5	33.7
279	3.7	2.6	4.0





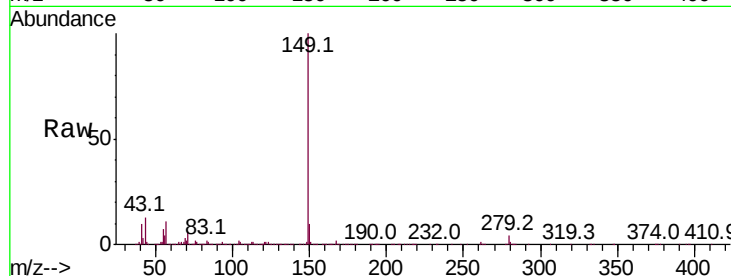
#85
Di-n-octyl phthalate
Concen: 48.522 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	13.2	10.9	16.3

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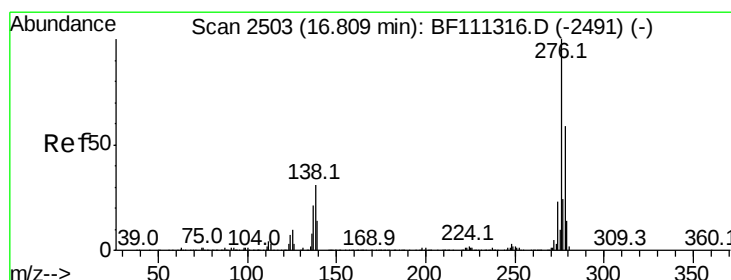
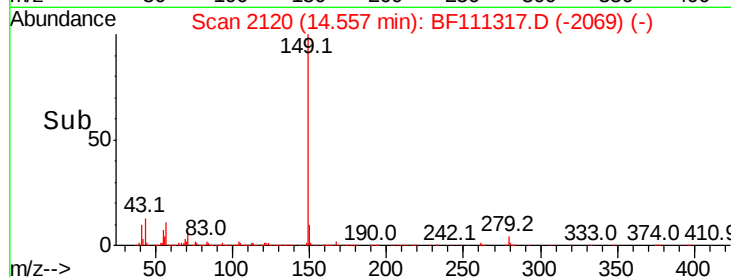
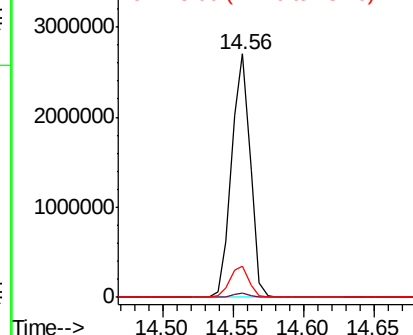


Abundance

Ion 149.00 (148.70 to 149.70): E

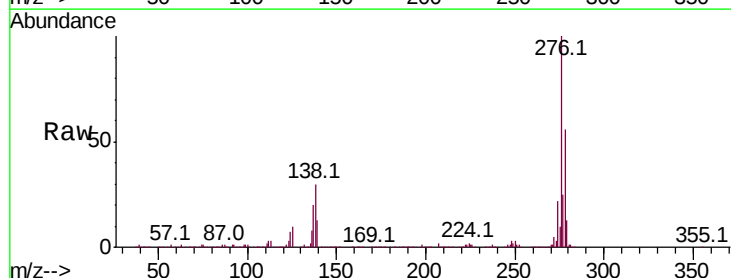
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 48.356 ng
RT: 16.81 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.8	27.8	41.6
277	24.9	20.1	30.1

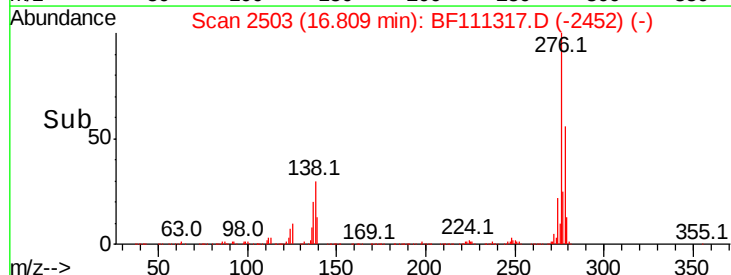
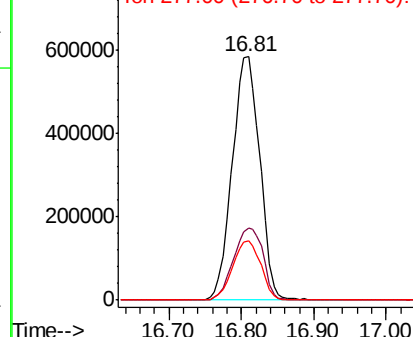


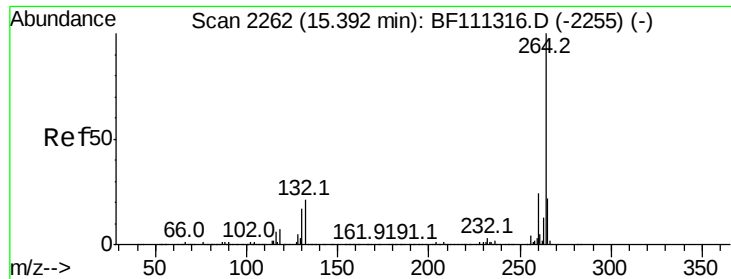
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Instrument :

BNA_F

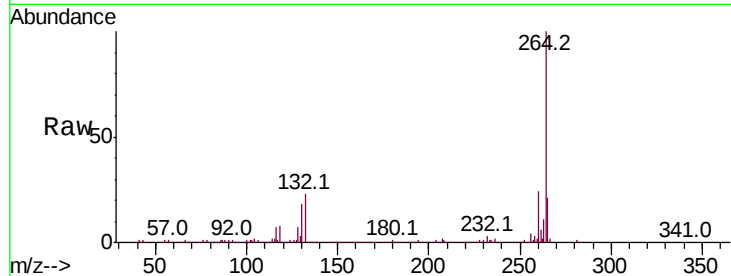
ClientSampleId :

SSTDIC050

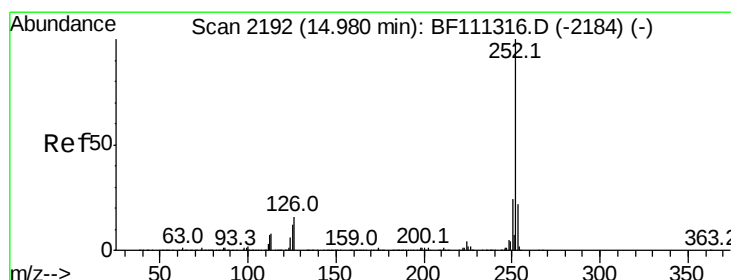
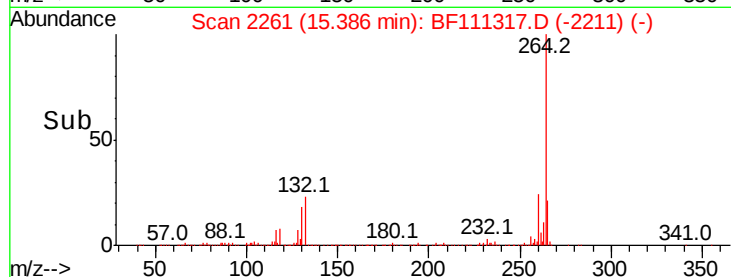
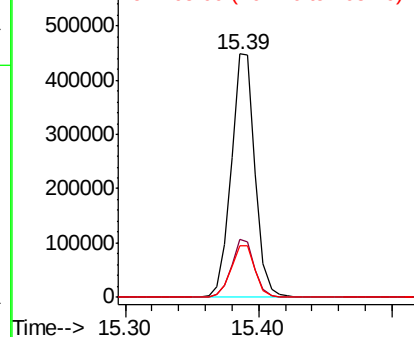
Tot Ion:	264	Resp:	558867
Ion Ratio		Lower	Upper
264	100		
260	23.9	18.3	27.5
265	21.2	17.7	26.5

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.299 ng

RT: 14.98 min Scan# 2192

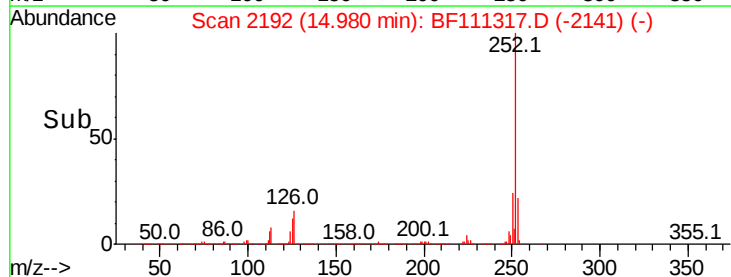
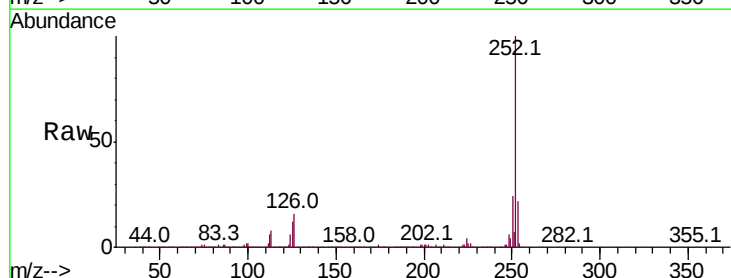
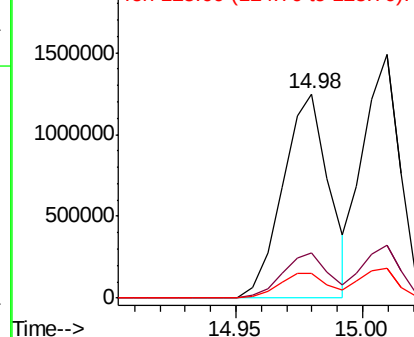
Delta R.T. -0.00 min

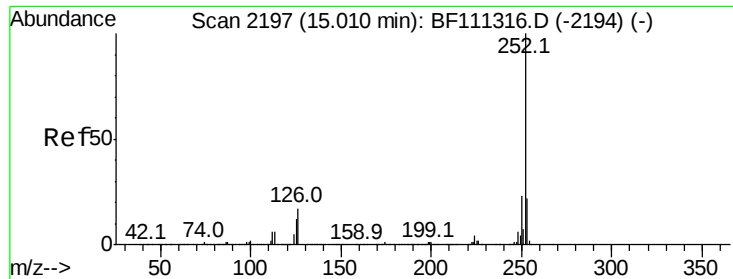
Lab File: BF111317.D

Acq: 12 Dec 2018 11:37

Tgt Ion:	252	Resp:	1585484
Ion Ratio		Lower	Upper
252	100		
253	21.9	18.2	27.2
125	11.8	10.4	15.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





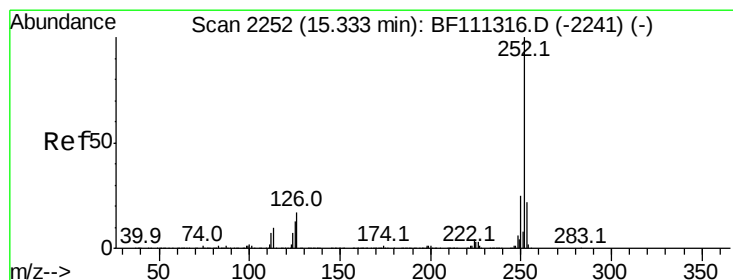
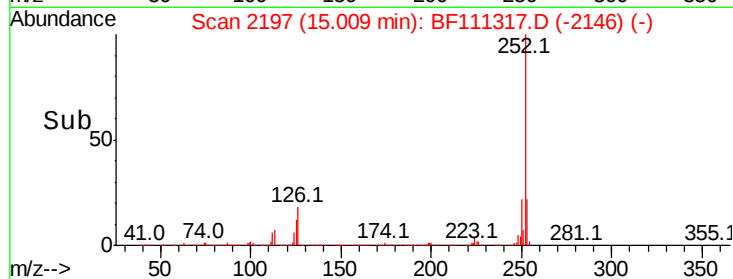
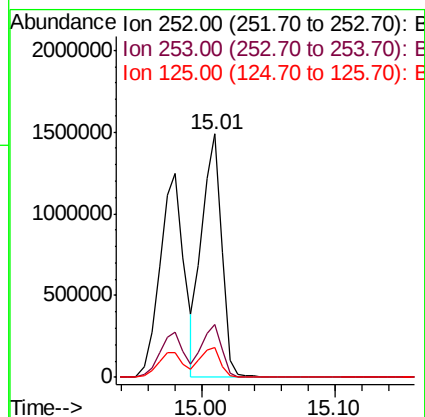
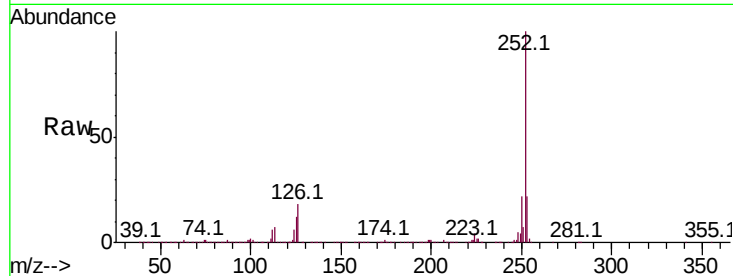
#89
Benzo(k)fluoranthene
Concen: 52.281 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	12.3	9.8	14.8

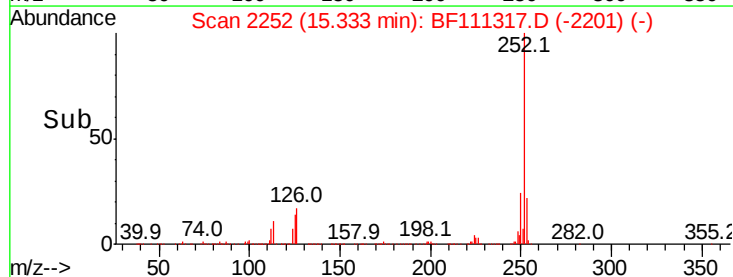
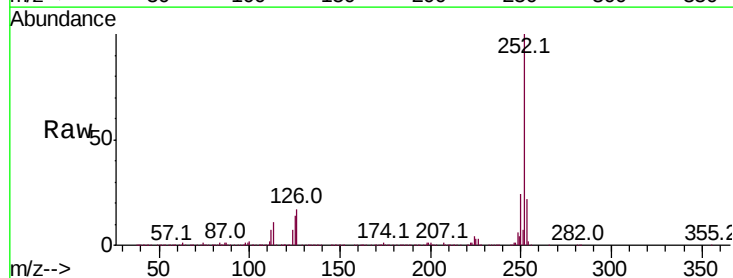
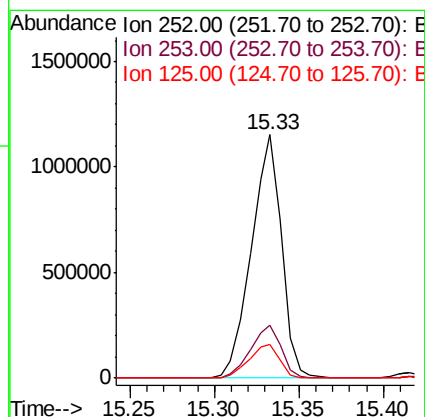
Manual Integrations
APPROVED

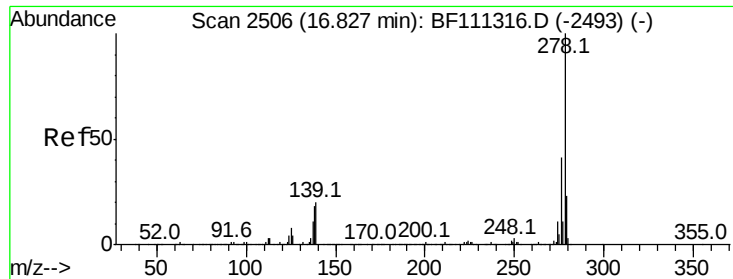
Sohil
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#90
Benzo(a)pyrene
Concen: 50.296 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	14.0	12.3	18.5





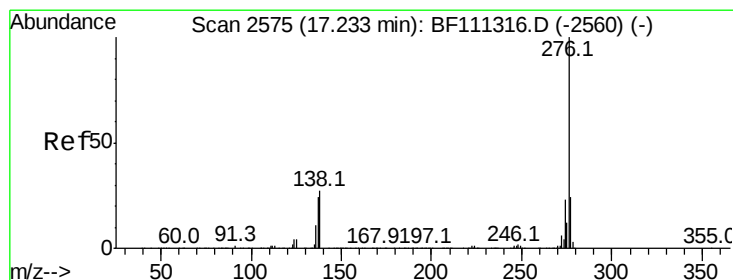
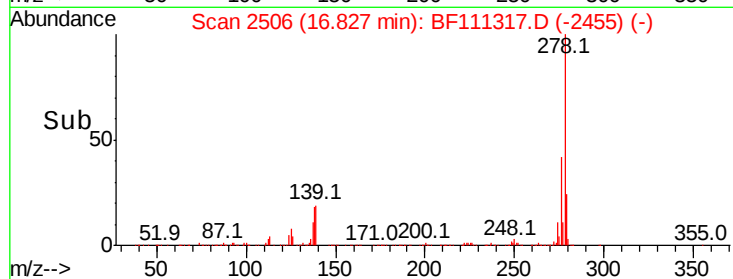
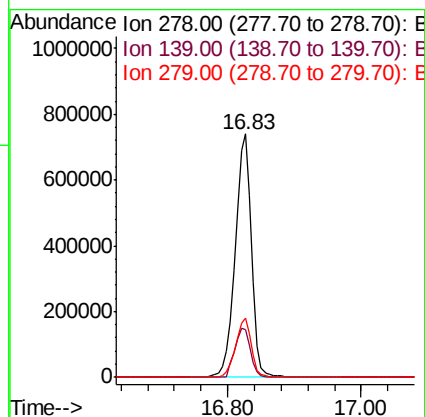
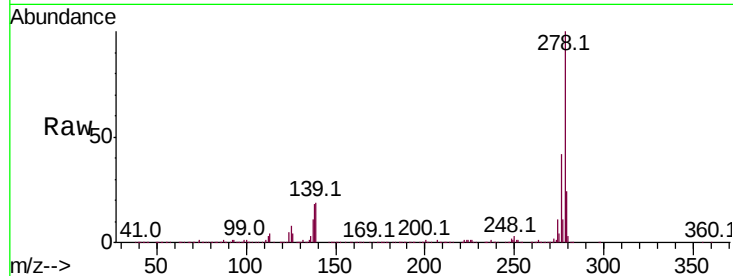
#91
Dibenzo(a,h)anthracene
Concen: 56.881 ng
RT: 16.83 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.4	18.2	27.4
279	24.2	19.0	28.6

Manual Integrations
APPROVED

Sohil
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#92
Benzo(g,h,i)perylene
Concen: 58.047 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BF111317.D
Acq: 12 Dec 2018 11:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	27.0	24.9	37.3

