

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111318.D
 Acq On : 12 Dec 2018 12:05
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Sohil
 12/13/2018 6:05:56 PM

Quant Time: Dec 12 12:33:08 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	320597	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1345324	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	604645	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1022026	20.00	ng	0.00
76) Chrysene-d12	13.96	240	627097	20.00	ng	0.00
87) Perylene-d12	15.39	264	541762	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	2256365	111.14	ng	0.00
7) Phenol-d6	6.44	99	2940251	116.53	ng	0.00
23) Nitrobenzene-d5	7.36	82	2770493	115.51	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	604386	112.84	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4095238	106.84	ng	0.00
79) Terphenyl-d14	12.90	244	3296825	126.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	564563	54.196	ng	99
3) Pyridine	3.25	79	1487414	53.746	ng	98
4) n-Nitrosodimethylamine	3.20	42	685622	58.106	ng	90
6) Aniline	6.46	93	1916825	56.978	ng	100
8) 2-Chlorophenol	6.59	128	1341014	58.108	ng	98
9) Benzaldehyde	6.34	77	749663	47.875	ng	99
10) Phenol	6.45	94	1668081	56.540	ng	84
11) bis(2-Chloroethyl)ether	6.53	93	1337583	58.622	ng	96
12) 1,3-Dichlorobenzene	6.74	146	1456364	58.732	ng	100
13) 1,4-Dichlorobenzene	6.82	146	1458731	58.261	ng	99
14) 1,2-Dichlorobenzene	6.97	146	1328582	56.892	ng	99
15) Benzyl Alcohol	6.94	79	1144837	57.336	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2557696	59.872	ng	99
17) 2-Methylphenol	7.06	107	1109601	58.892	ng	97
18) Hexachloroethane	7.31	117	550408	57.739	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	983195	58.170	ng	94
20) 3+4-Methylphenols	7.21	107	1236752	55.186	ng	98
22) Acetophenone	7.21	105	1743362	56.635	ng	100
24) Nitrobenzene	7.38	77	1436150	57.529	ng	100
25) Isophorone	7.63	82	2360437	57.779	ng	99
26) 2-Nitrophenol	7.70	139	740664	59.716	ng	95
27) 2,4-Dimethylphenol	7.74	122	1055270	55.059	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	1574045	55.640	ng	100
29) 2,4-Dichlorophenol	7.94	162	1110398	56.660	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	1120335	58.036	ng	98
31) Naphthalene	8.10	128	3419700	58.242	ng	99
32) Benzoic acid	7.89	122	956990m	60.381	ng	
33) 4-Chloroaniline	8.15	127	1624000	57.587	ng	99
34) Hexachlorobutadiene	8.23	225	618039	58.000	ng	99
35) Caprolactam	8.55	113	399636m	57.547	ng	
36) 4-Chloro-3-methylphenol	8.64	107	1166500	58.135	ng	99
37) 2-Methylnaphthalene	8.79	142	2231749	57.250	ng	98
38) 1-Methylnaphthalene	8.89	142	2155151	56.454	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	955330	56.782	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	526334	54.932	nq	98
43) 2,4,6-Trichlorophenol	9.07	196	708219	56.079	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	758231	57.635	nq	96
46) 1,1'-Biphenyl	9.26	154	2803443	55.157	nq	98
47) 2-Chloronaphthalene	9.29	162	2242305	56.677	nq	97
48) 2-Nitroaniline	9.37	65	774803	57.410	nq	97
49) Acenaphthylene	9.70	152	3231914	56.271	nq	98
50) Dimethylphthalate	9.56	163	2483872	55.675	nq	99
51) 2,6-Dinitrotoluene	9.62	165	586481	59.526	nq	97
52) Acenaphthene	9.87	154	2070093	57.434	nq	99
53) 3-Nitroaniline	9.79	138	693299	57.009	nq	91
54) 2,4-Dinitrophenol	9.89	184	254405	65.342	nq	87
55) Dibenzofuran	10.05	168	2914490	59.437	nq	98
56) 4-Nitrophenol	9.95	139	529140	55.867	nq	91
57) 2,4-Dinitrotoluene	10.02	165	755387	62.192	nq	93
58) Fluorene	10.39	166	2024166	53.345	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	571543	57.315	nq	99
60) Diethylphthalate	10.26	149	2432082	57.180	nq	100
61) 4-Chlorophenyl-phenylether	10.37	204	1005446	53.367	nq	96
62) 4-Nitroaniline	10.40	138	673734	58.551	nq	99
63) Azobenzene	10.54	77	2482472	56.216	nq	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	372138	67.483	nq	97
66) n-Nitrosodiphenylamine	10.50	169	2042781	58.717	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	653413	58.371	nq	95
68) Hexachlorobenzene	10.93	284	669716	58.812	nq	# 92
69) Atrazine	11.02	200	579533	54.779	nq	98
70) Pentachlorophenol	11.12	266	488630	59.151	nq	98
71) Phenanthrene	11.35	178	2904834	56.350	nq	97
72) Anthracene	11.40	178	2955951	54.809	nq	97
73) Carbazole	11.55	167	3140800	55.694	nq	98
74) Di-n-butylphthalate	11.89	149	3470291	59.870	nq	98
75) Fluoranthene	12.53	202	2858192	60.696	nq	99
77) Benzidine	12.65	184	789004	42.374	nq	98
78) Pyrene	12.76	202	2900501	64.725	nq	99
80) Butylbenzylphthalate	13.38	149	1416734	60.527	nq	95
81) Benzo(a)anthracene	13.94	228	1995793	57.046	nq	100
82) 3,3'-Dichlorobenzidine	13.91	252	734977	51.255	nq	98
83) Chrysene	13.98	228	2074848	57.527	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1662633	59.779	nq	100
85) Di-n-octyl phthalate	14.56	149	2740311	58.782	nq	100
86) Indeno(1,2,3-cd)pyrene	16.81	276	1770412	60.809	nq	97
88) Benzo(b)fluoranthene	14.98	252	1762178	58.817	nq	99
89) Benzo(k)fluoranthene	15.01	252	1709319	60.682	nq	99
90) Benzo(a)pyrene	15.33	252	1658616	60.117	nq	98
91) Dibenzo(a,h)anthracene	16.83	278	1469647	67.818	nq	98
92) Benzo(g,h,i)perylene	17.24	276	1508393	69.534	nq	97

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

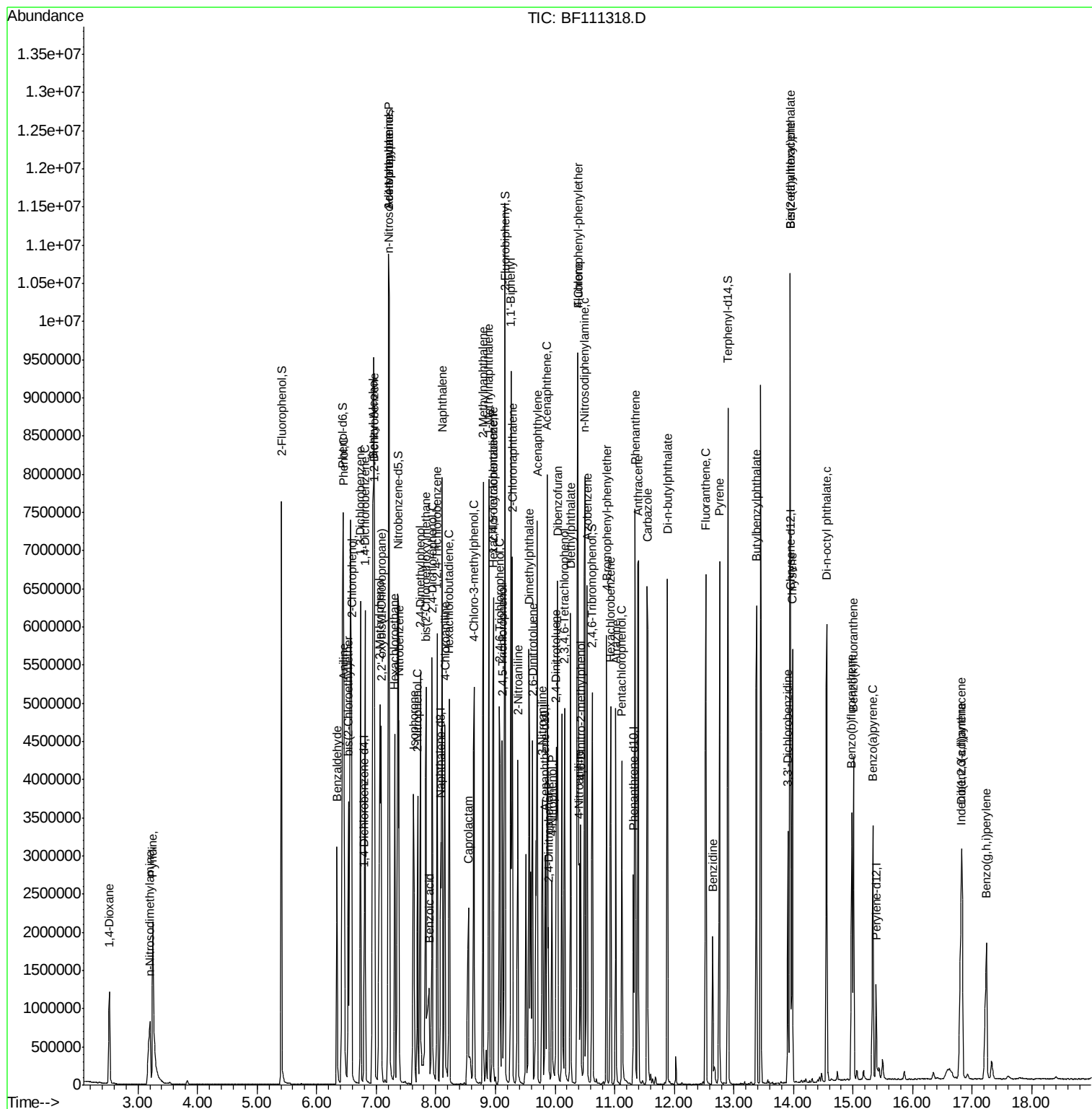
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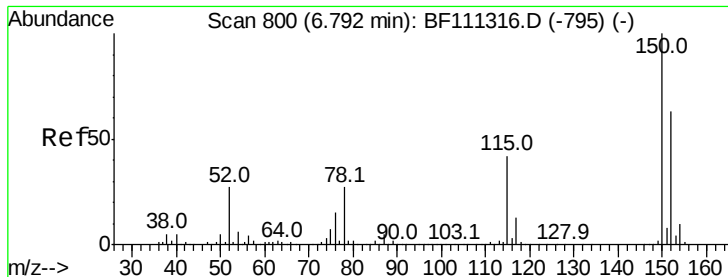
Instrument :
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#1

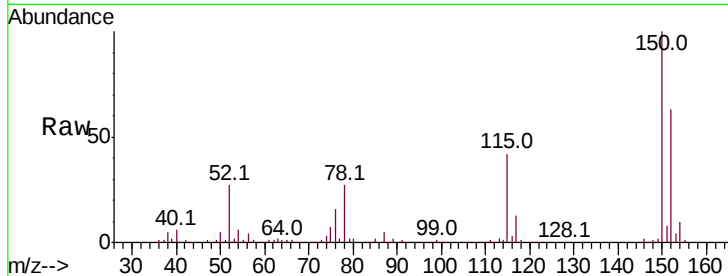
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.6	189.8
115	66.5	50.7	76.1

Manual Integrations
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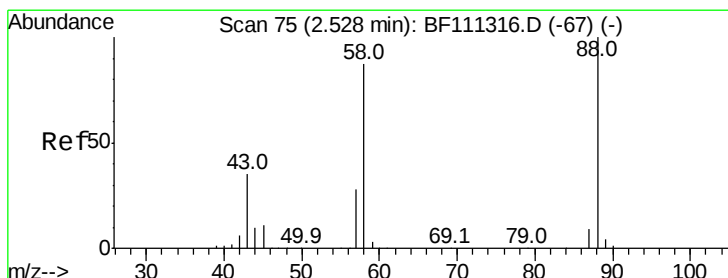
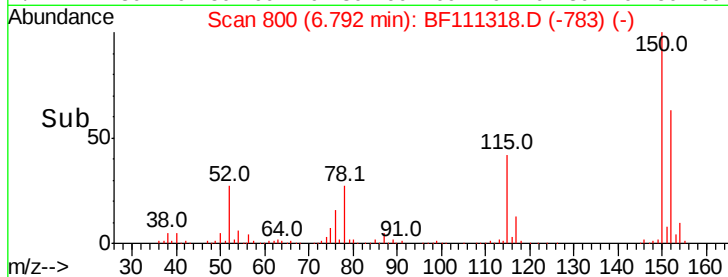
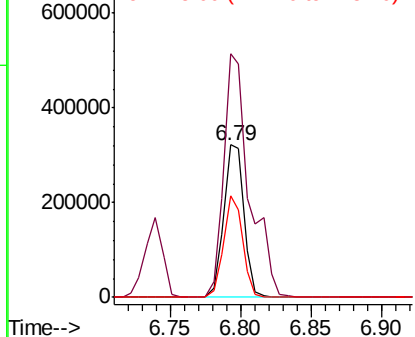


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

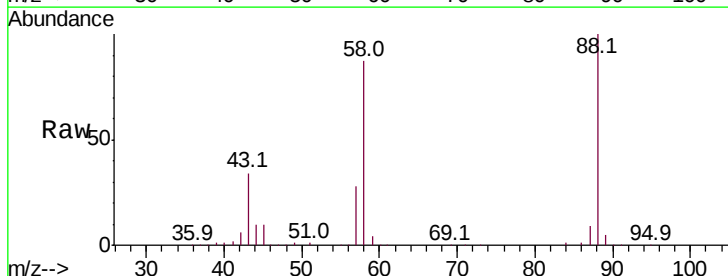
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 54.196 ng
RT: 2.52 min Scan# 74
Delta R.T. -0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.6	68.9	103.3
43	33.9	25.8	38.6

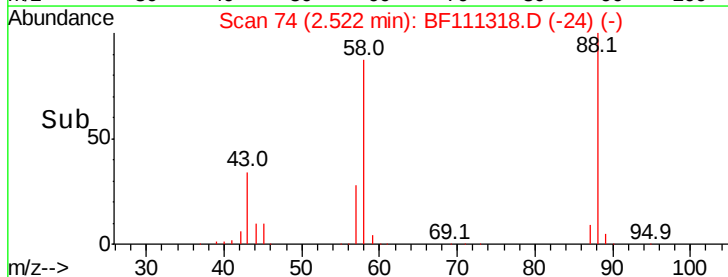
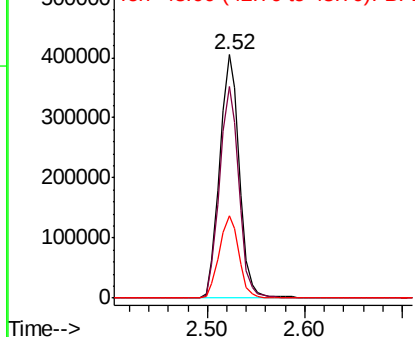


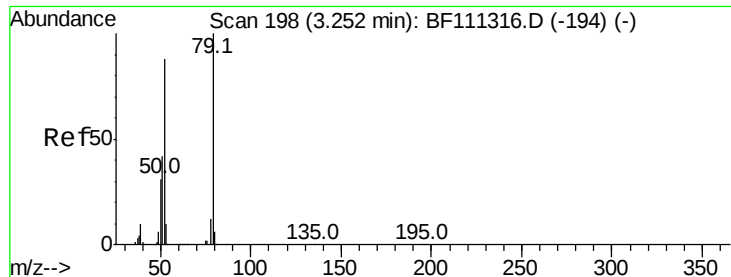
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 53.746 ng

RT: 3.25 min Scan# 198

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 79 Resp: 1487414

Ion Ratio Lower Upper

79 100

52 86.8 68.3 102.5

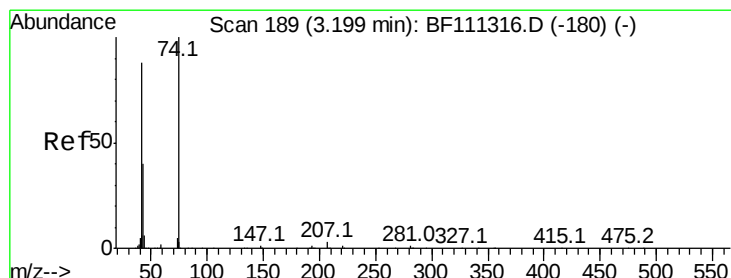
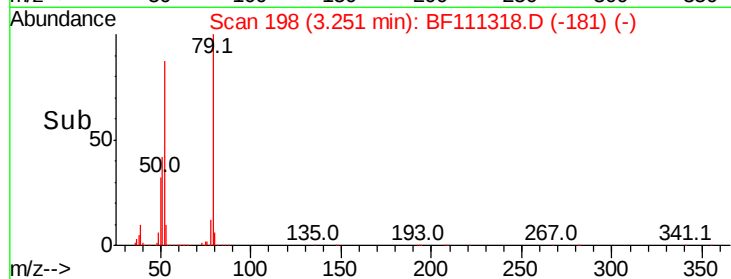
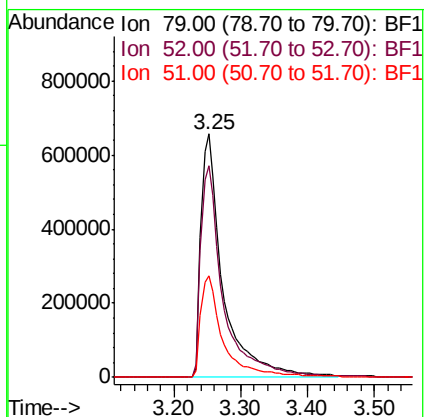
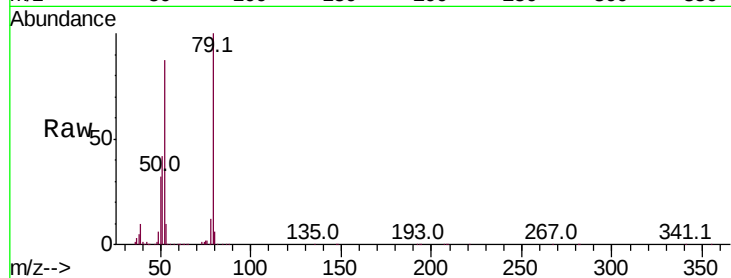
51 42.0 32.6 49.0

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 58.106 ng

RT: 3.20 min Scan# 190

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

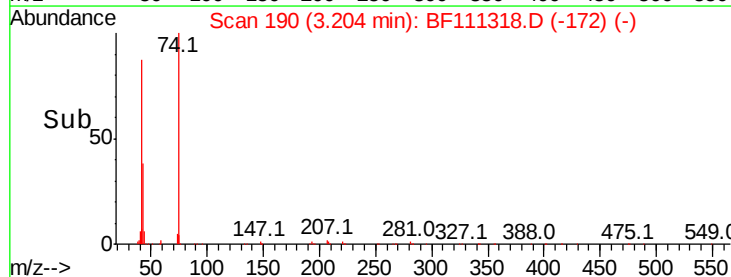
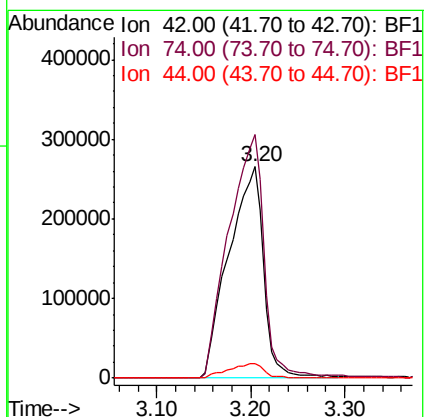
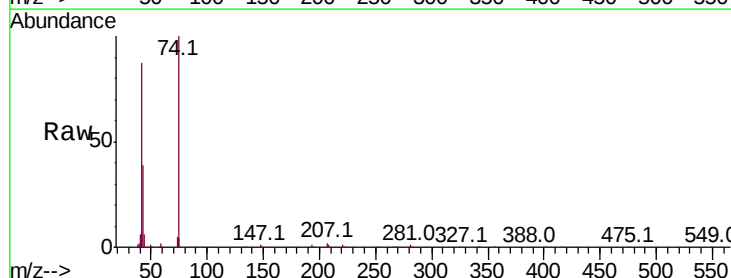
Tgt Ion: 42 Resp: 685622

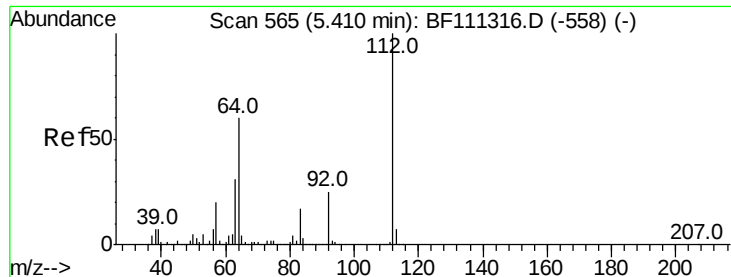
Ion Ratio Lower Upper

42 100

74 115.1 101.5 152.3

44 6.9 6.0 9.0





#5

2-Fluorophenol

Concen: 111.135 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:112 Resp: 2256365

Ion Ratio Lower Upper

112 100

64 63.0 51.8 77.6

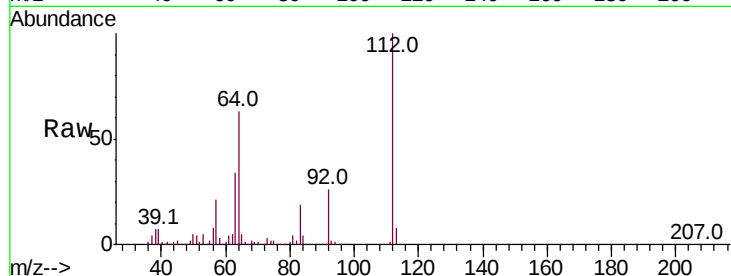
63 34.0 26.8 40.2

Manual Integrations

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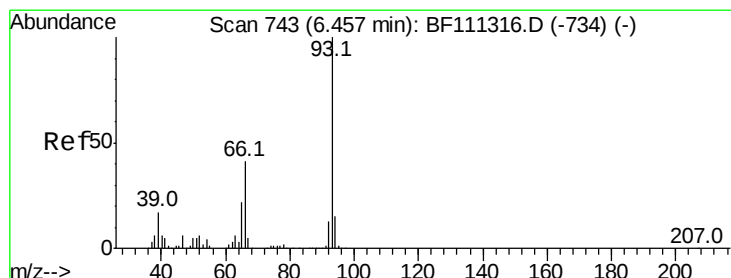
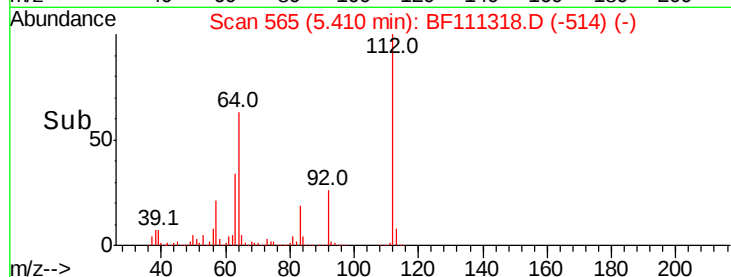
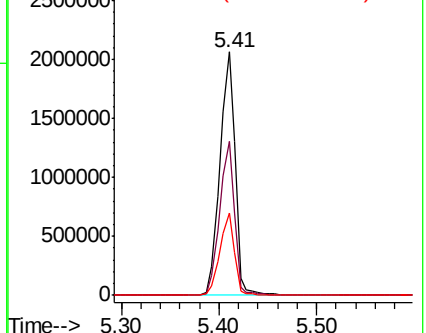
12/13/2018 6:05:56 PM



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: 56.978 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

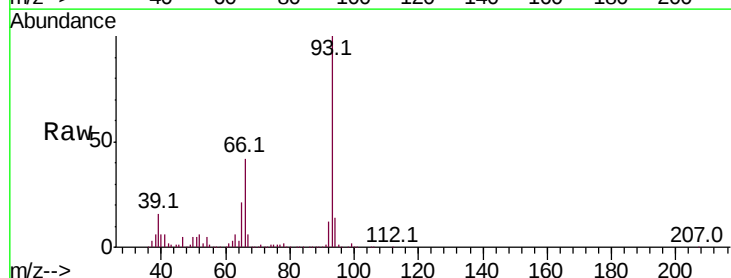
Tgt Ion: 93 Resp: 1916825

Ion Ratio Lower Upper

93 100

66 41.6 33.2 49.8

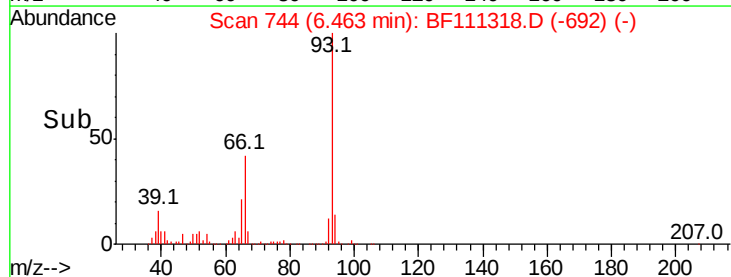
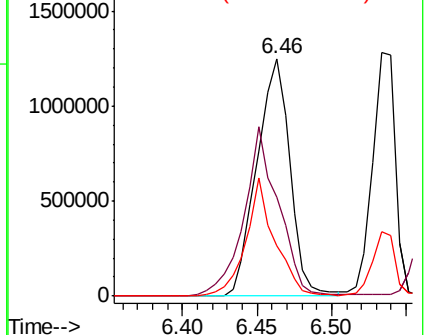
65 21.4 17.0 25.4

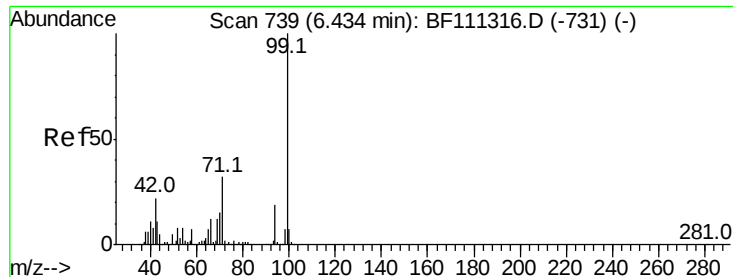


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.531 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

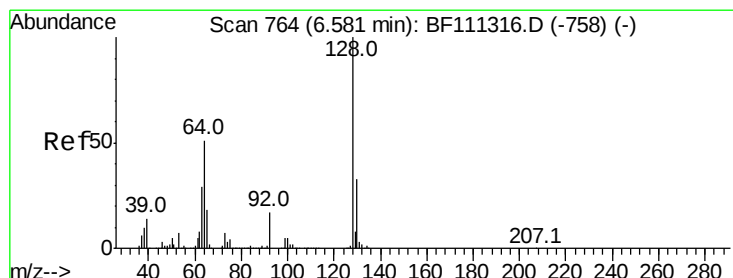
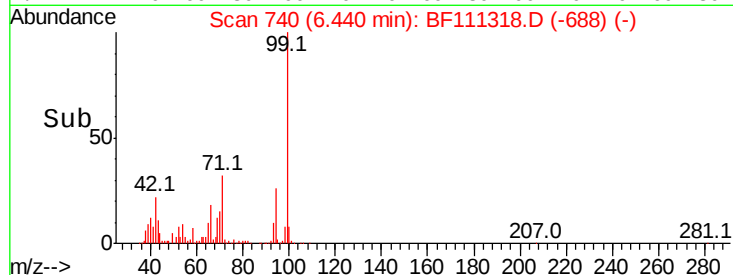
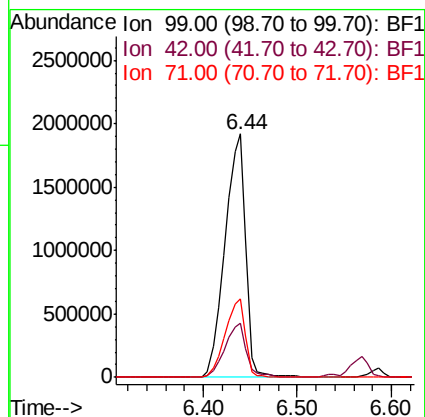
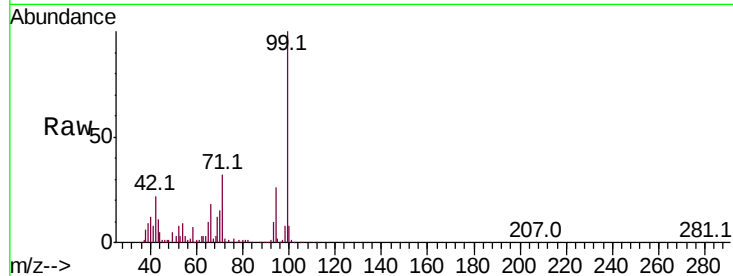
ClientSampleId :

SSTDICC060

Tot Ion:	99	Resp:	2940251
Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.4	26.0
71	32.5	26.1	39.1

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#8

2-Chlorophenol

Concen: 58.108 ng

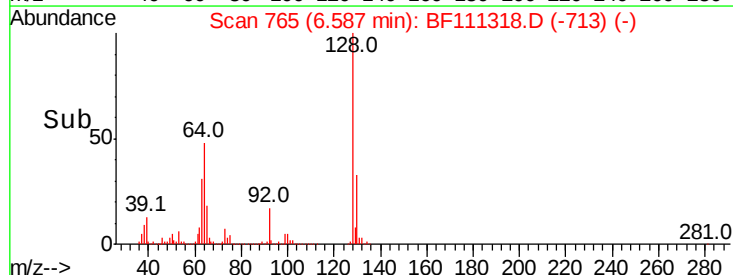
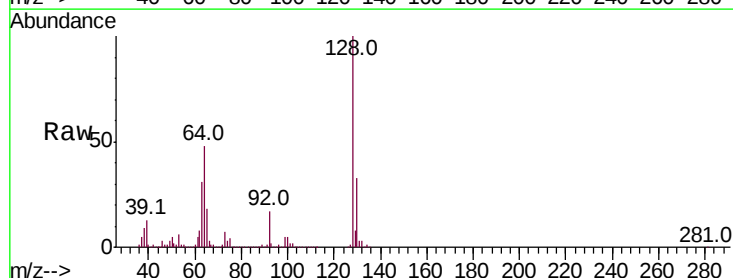
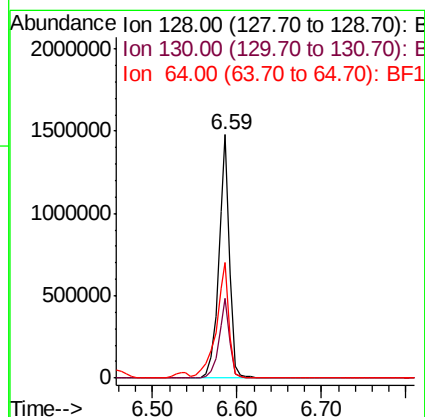
RT: 6.59 min Scan# 765

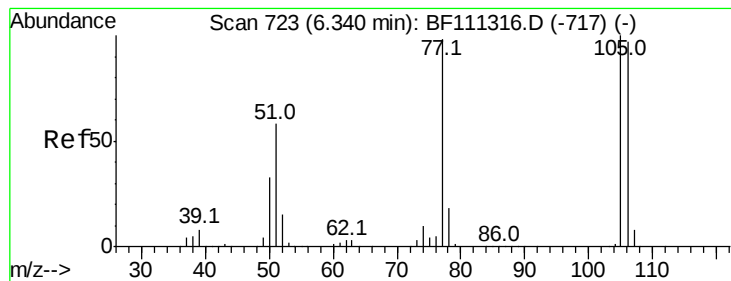
Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Tgt Ion:	128	Resp:	1341014
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.7	52.7
64	47.6	30.0	70.0





#9

Benzaldehyde

Concen: 47.875 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

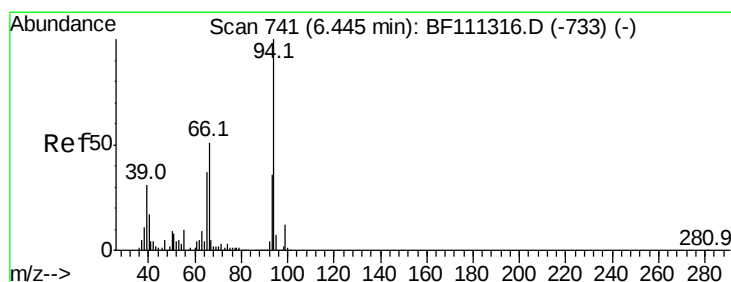
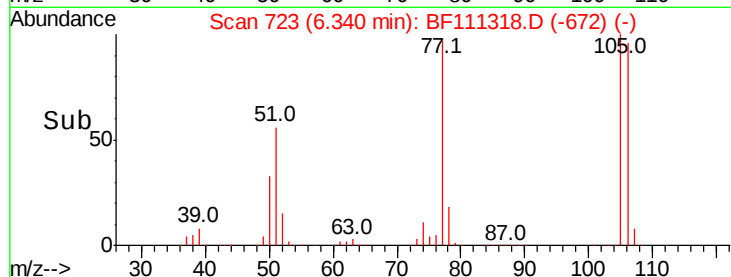
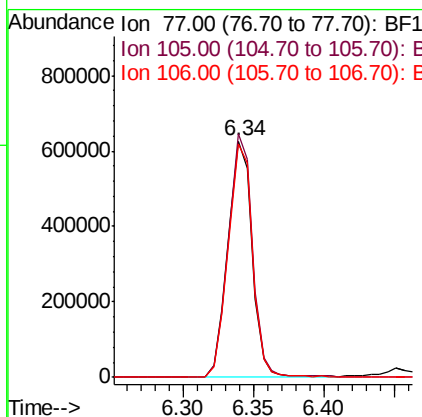
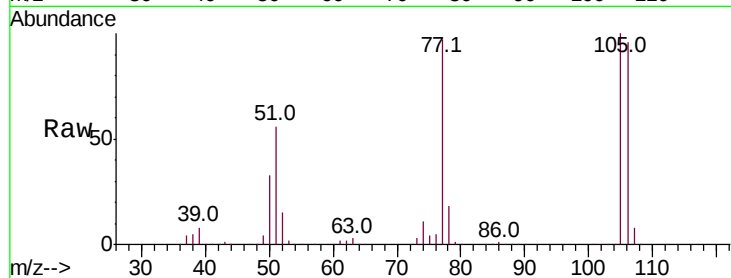
ClientSampleId :

SSTDICC060

Tot Ion:	77	Resp:	749663
Ion	Ratio	Lower	Upper
77	100		
105	103.2	81.4	121.4
106	99.0	77.9	117.9

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#10

Phenol

Concen: 56.540 ng

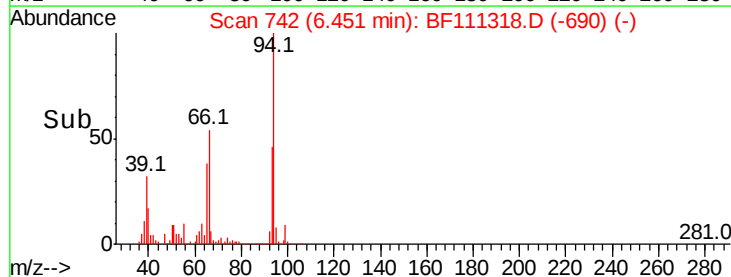
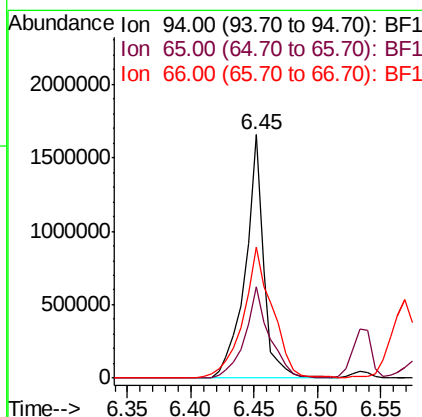
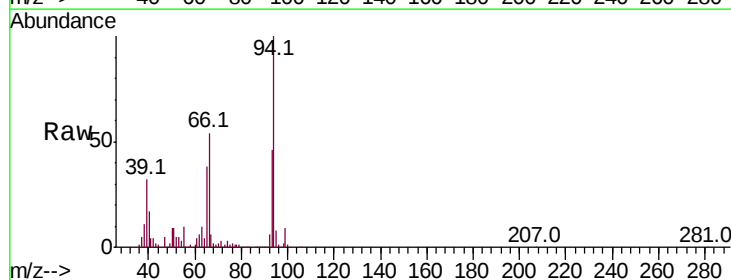
RT: 6.45 min Scan# 742

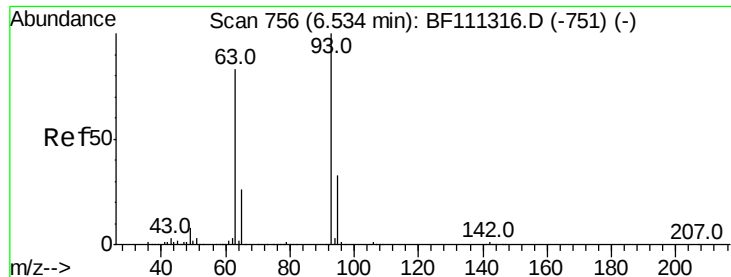
Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Tgt Ion:	94	Resp:	1668081
Ion	Ratio	Lower	Upper
94	100		
65	37.6	11.7	51.7
66	53.9	21.0	61.0





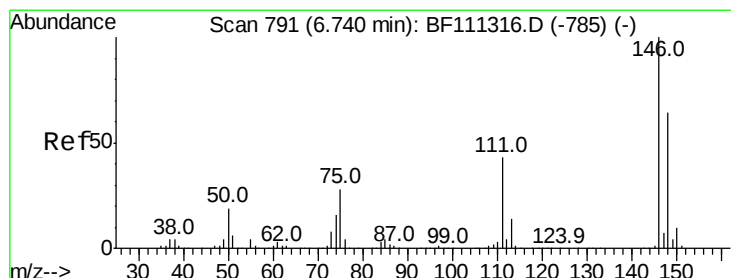
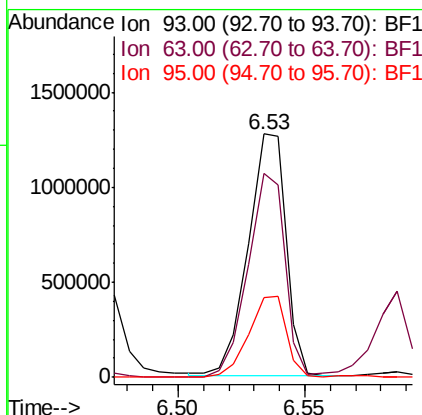
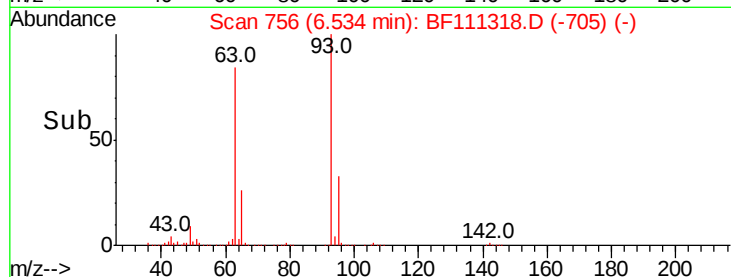
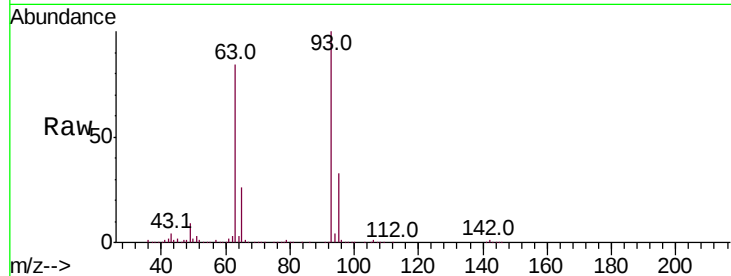
#11
bis(2-Chloroethyl)ether
Concen: 58.622 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion: 93 Resp: 1337583
Ion Ratio Lower Upper
93 100
63 83.9 60.0 100.0
95 32.6 13.4 53.4

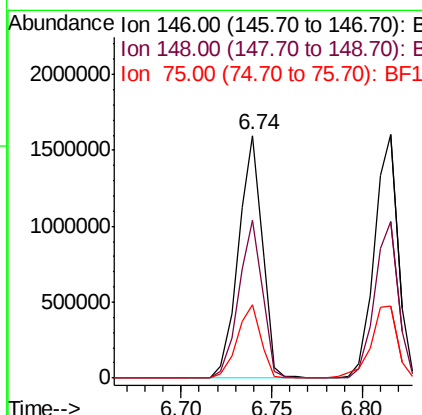
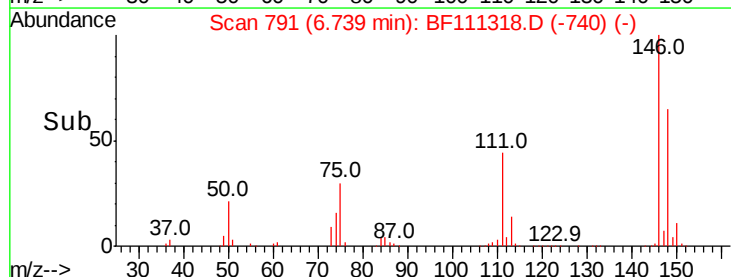
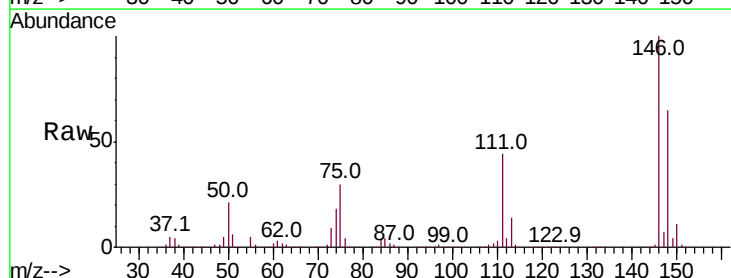
Manual Integrations
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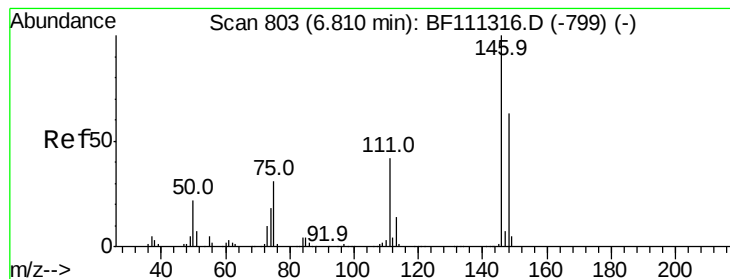
Sohil
12/13/2018 6:05:56 PM



#12
1,3-Dichlorobenzene
Concen: 58.732 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion: 146 Resp: 1456364
Ion Ratio Lower Upper
146 100
148 65.0 52.1 78.1
75 30.3 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 58.261 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:146 Resp: 1458731

Ion Ratio Lower Upper

146 100

148 64.4 52.8 79.2

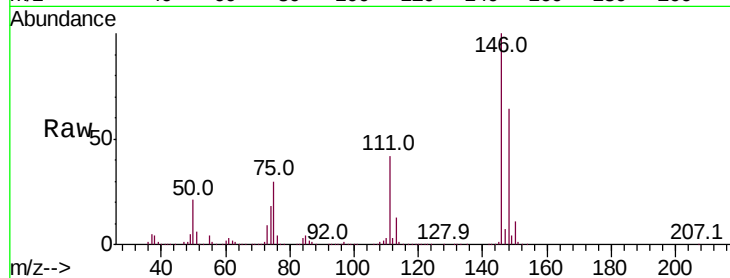
111 41.6 33.4 50.0

Manual Integrations

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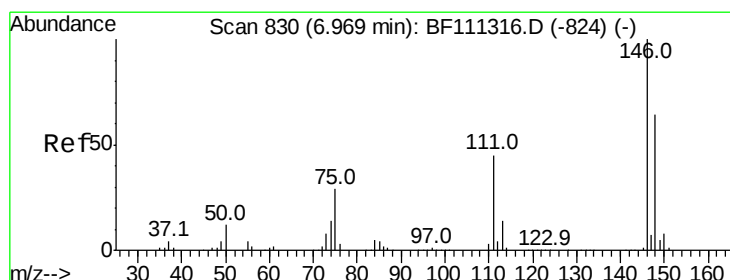
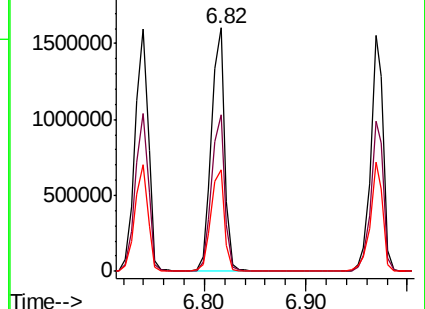
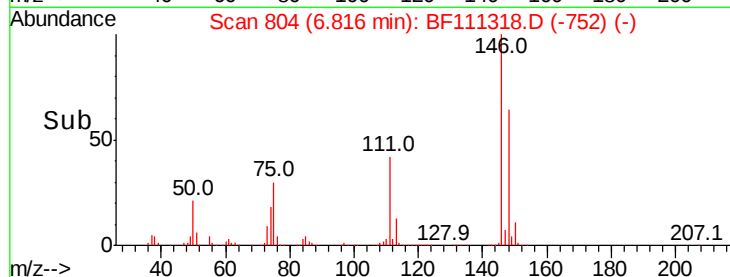
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 56.892 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

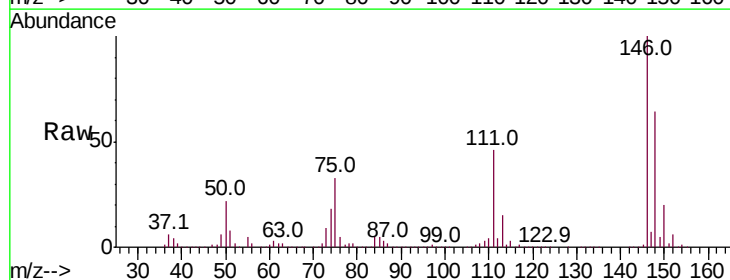
Tgt Ion:146 Resp: 1328582

Ion Ratio Lower Upper

146 100

148 64.0 51.9 77.9

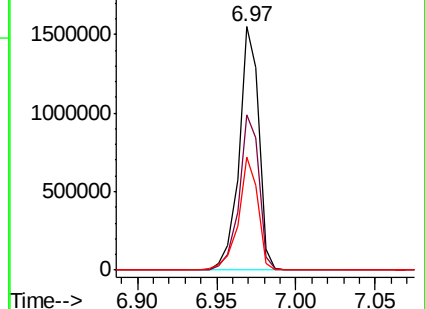
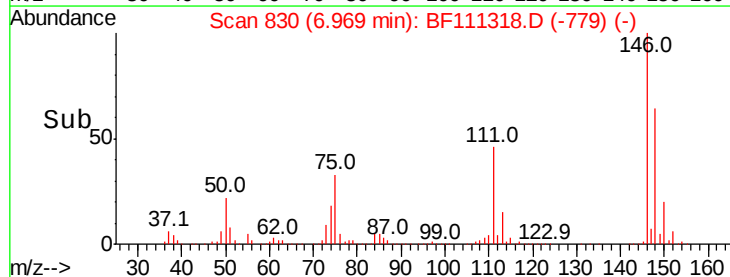
111 46.2 36.2 54.4

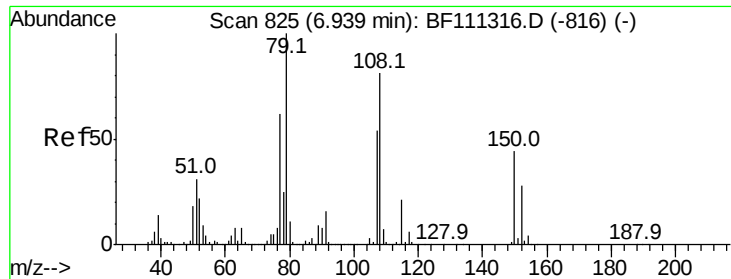


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 57.336 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 79 Resp: 1144837

Ion Ratio Lower Upper

79 100

108 79.0 69.4 104.2

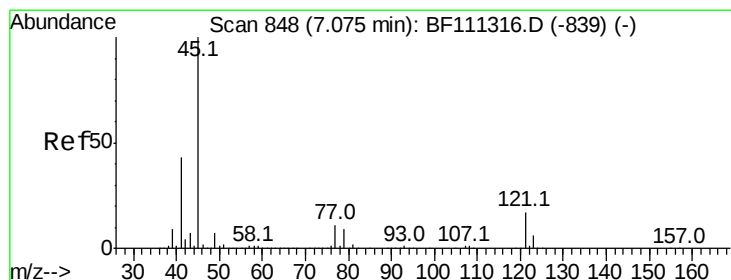
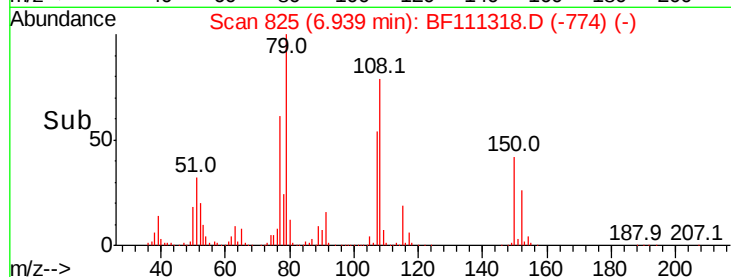
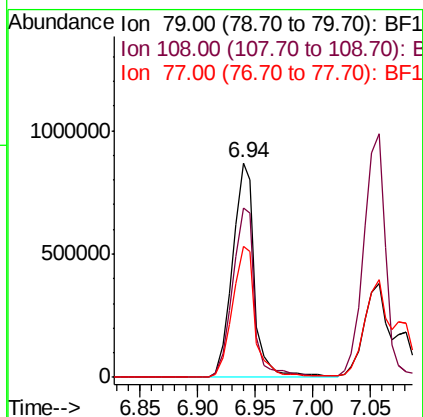
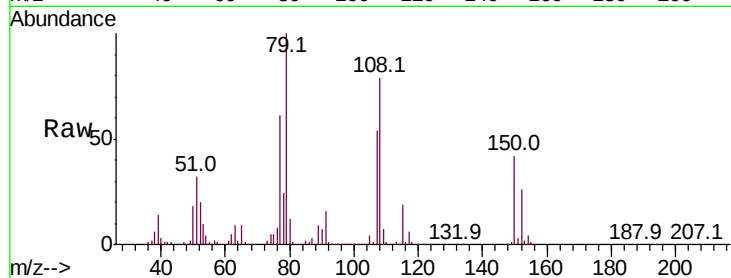
77 60.9 49.7 74.5

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 59.872 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

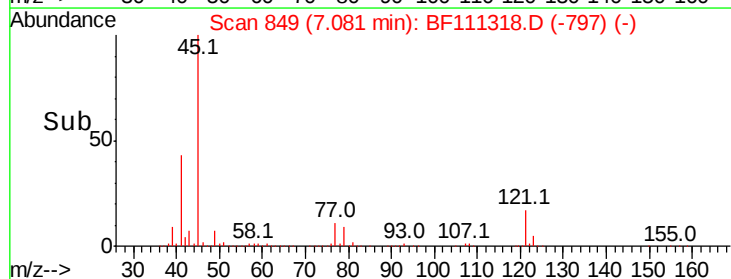
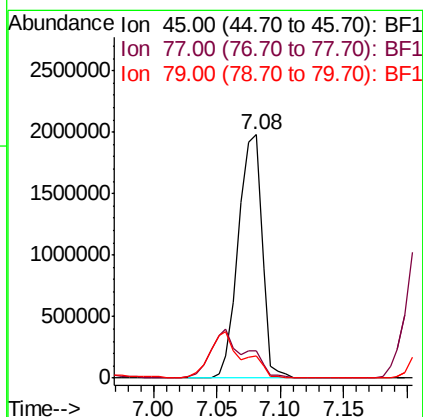
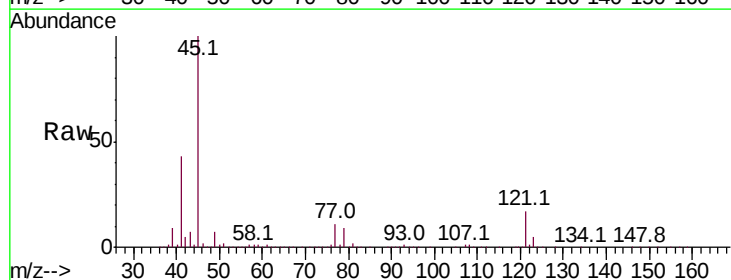
Tgt Ion: 45 Resp: 2557696

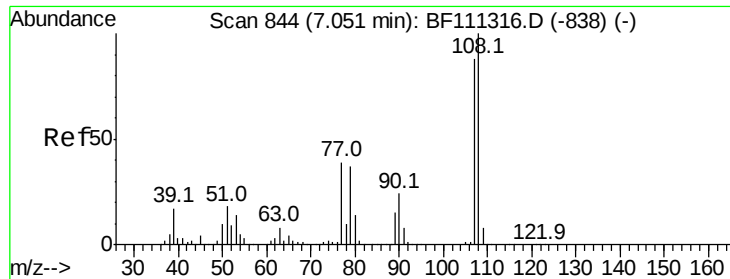
Ion Ratio Lower Upper

45 100

77 11.2 0.0 31.5

79 9.2 0.0 28.9





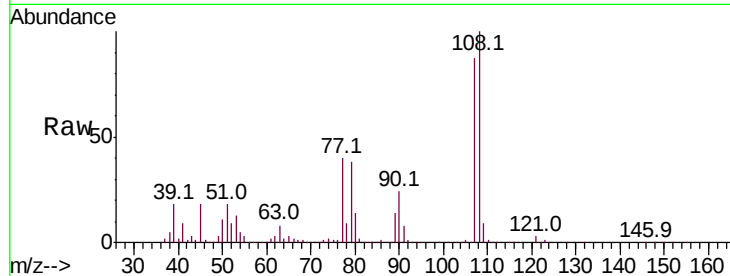
#17
2-Methylphenol
Concen: 58.892 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.2	91.0	136.4
77	46.2	33.5	50.3
79	44.2	33.3	49.9

Manual Integrations
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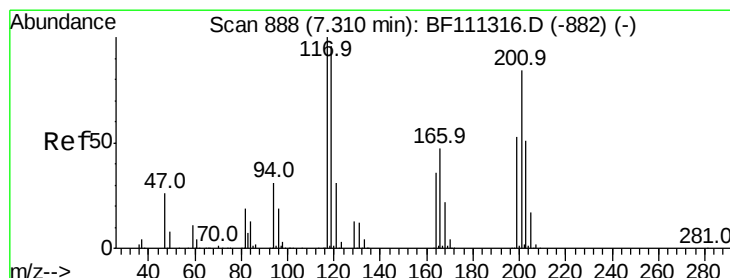
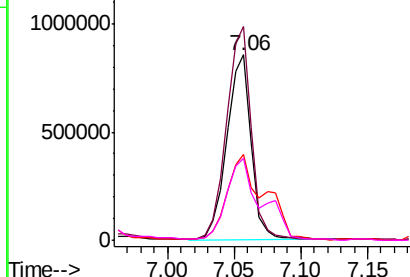
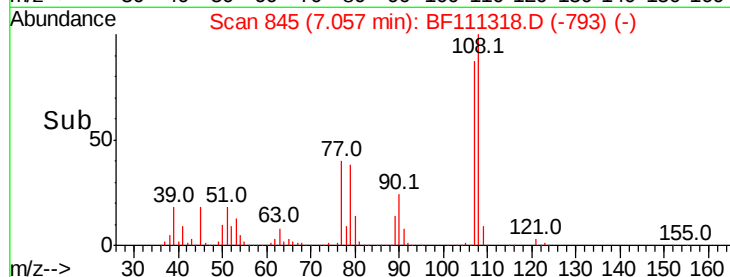
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

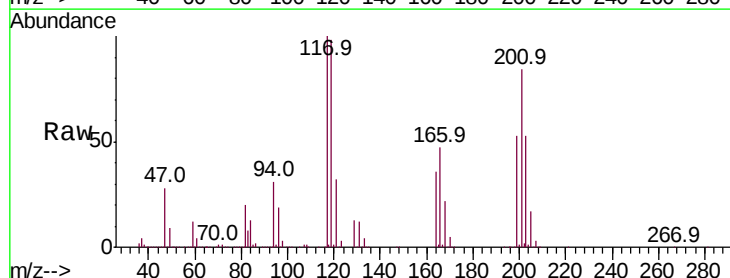
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 57.739 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.4	113.0
201	83.7	62.4	93.6

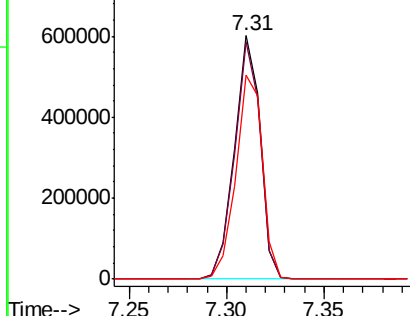
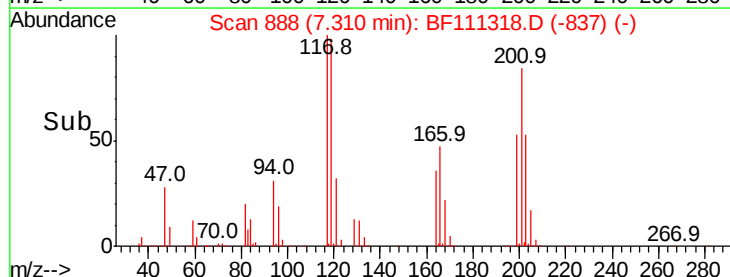


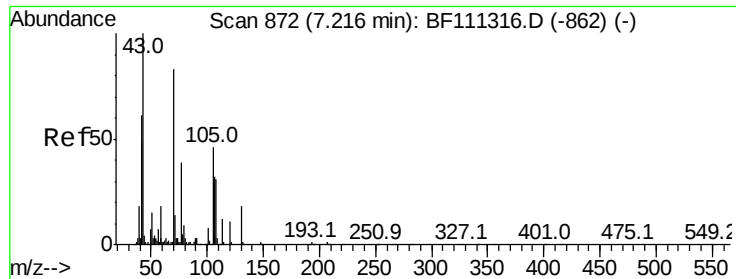
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 58.170 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 70 Resp: 983195

Ion Ratio Lower Upper

70 100

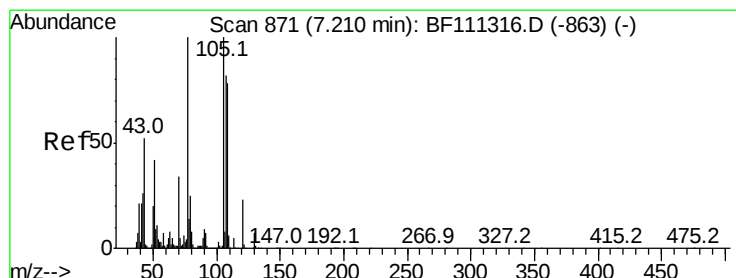
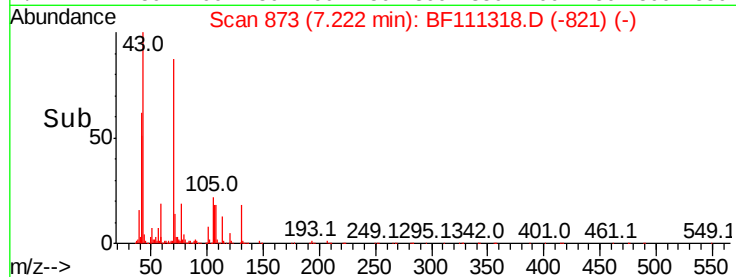
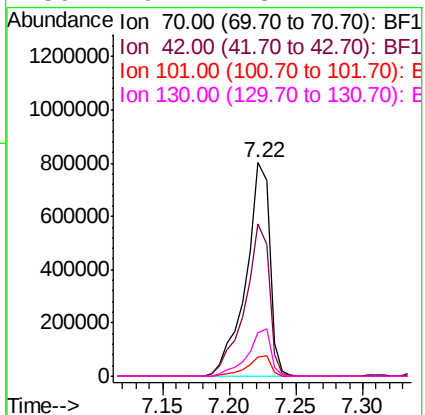
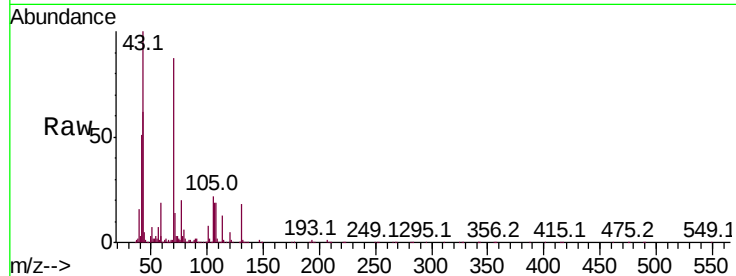
42 71.5 53.2 79.8

101 9.3 8.2 12.4

130 20.4 18.1 27.1

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#20

3+4-Methylphenols

Concen: 55.186 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Tgt Ion:107 Resp: 1236752

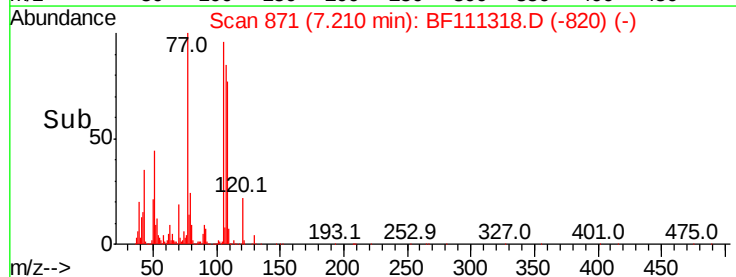
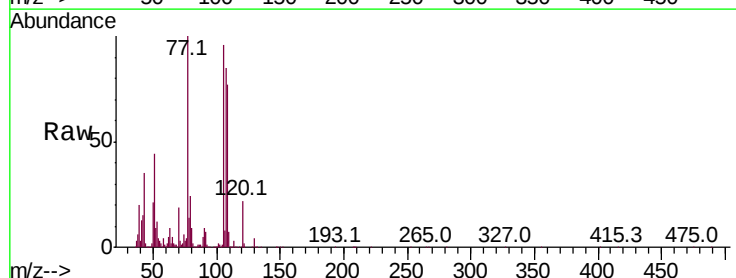
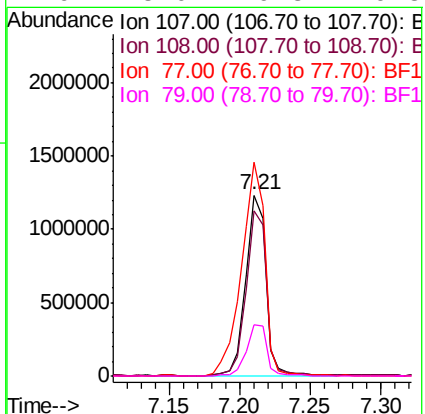
Ion Ratio Lower Upper

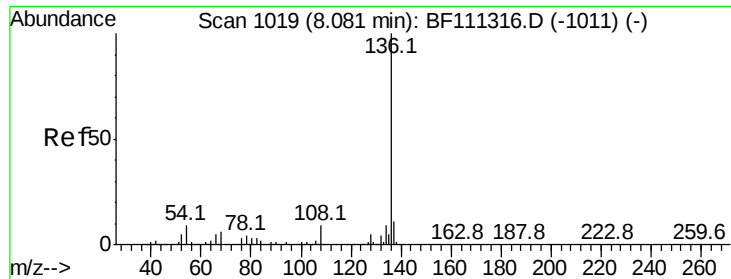
107 100

108 91.4 72.1 112.1

77 118.0 94.1 134.1

79 28.0 9.8 49.8





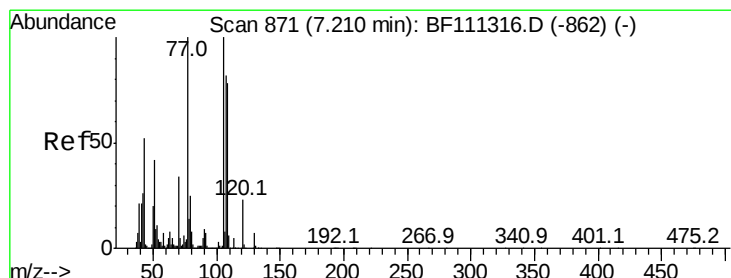
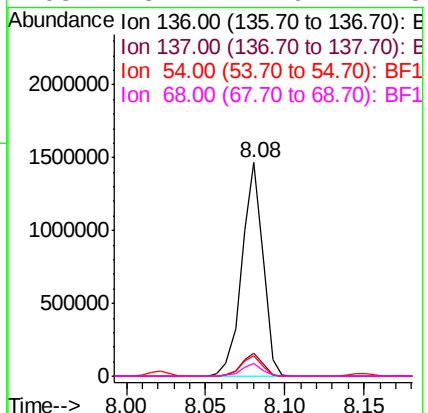
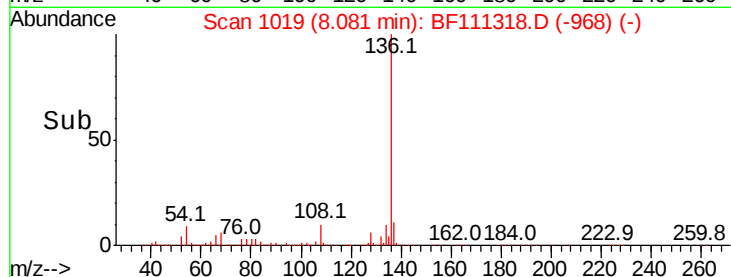
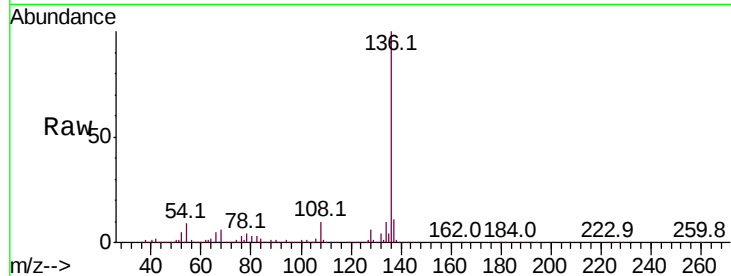
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.4	7.7	11.5
68	5.7	4.9	7.3

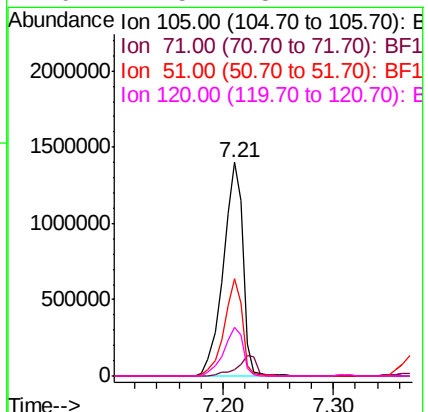
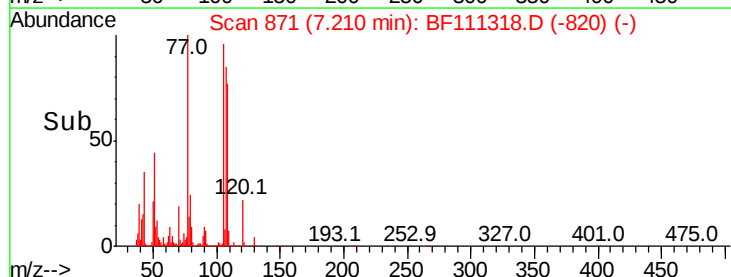
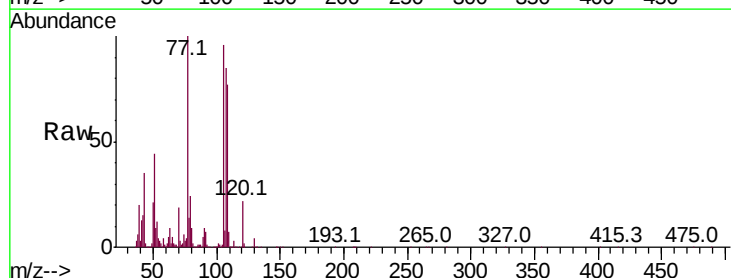
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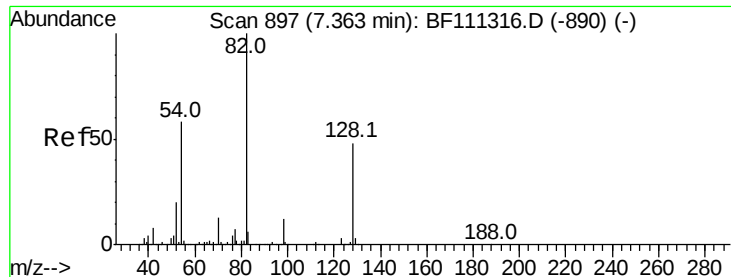
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#22
Acetophenone
Concen: 56.635 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.3	3.1	4.7
51	45.9	36.6	54.8
120	22.5	18.2	27.4





#23

Nitrobenzene-d5

Concen: 115.506 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 82 Resp: 2770493

Ion Ratio Lower Upper

82 100

128 46.4 37.4 56.2

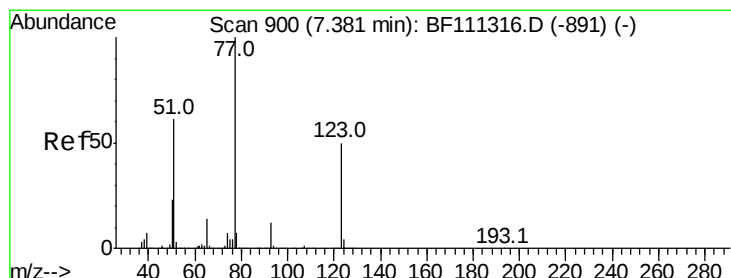
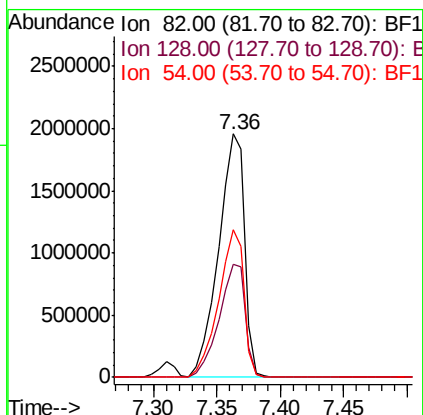
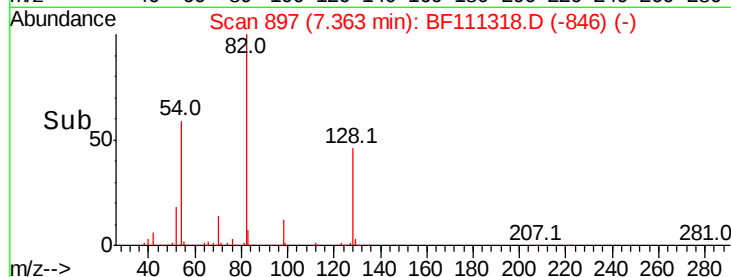
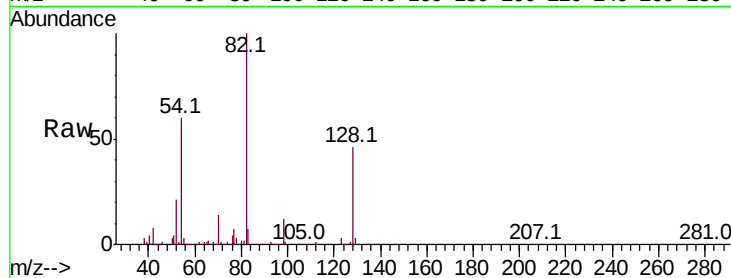
54 60.4 47.6 71.4

Manual Integrations

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#24

Nitrobenzene

Concen: 57.529 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

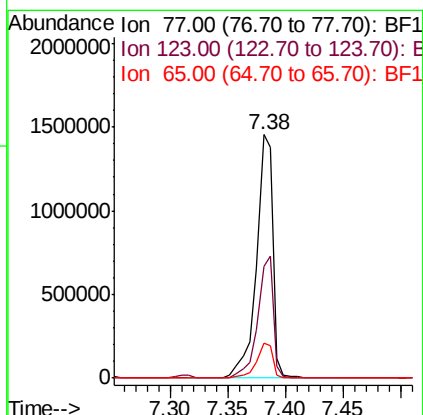
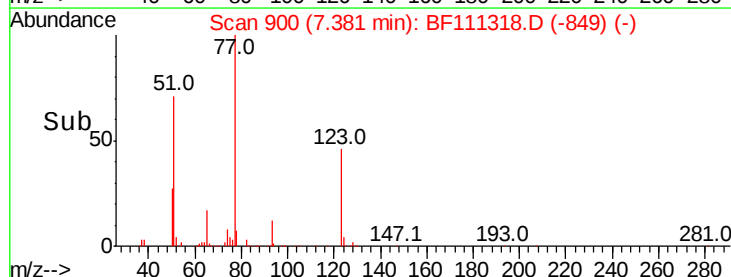
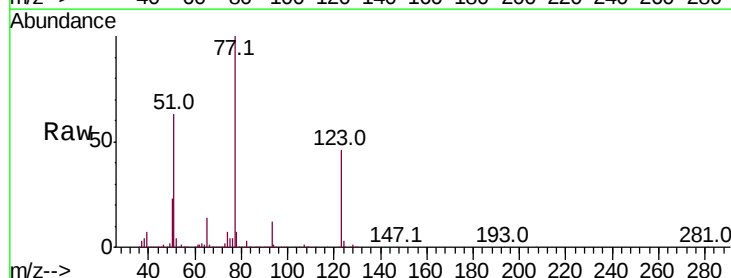
Tgt Ion: 77 Resp: 1436150

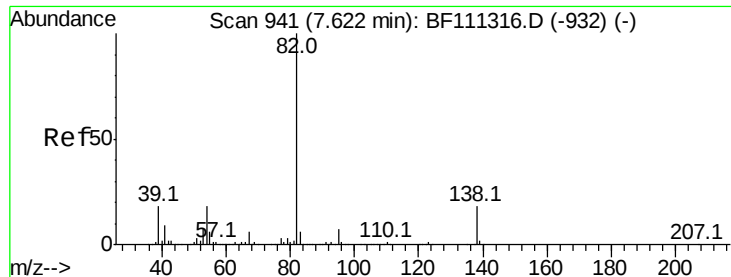
Ion Ratio Lower Upper

77 100

123 46.1 37.2 55.8

65 14.5 11.5 17.3





#25

Isophorone

Concen: 57.779 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 82 Resp: 2360437

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

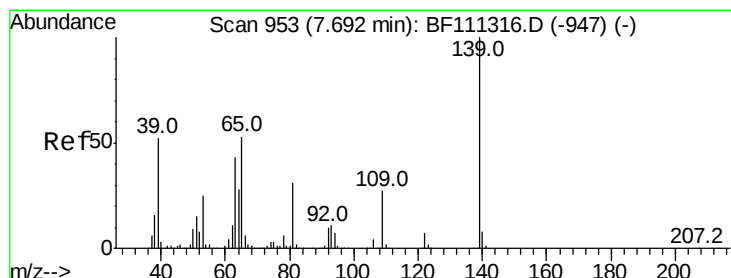
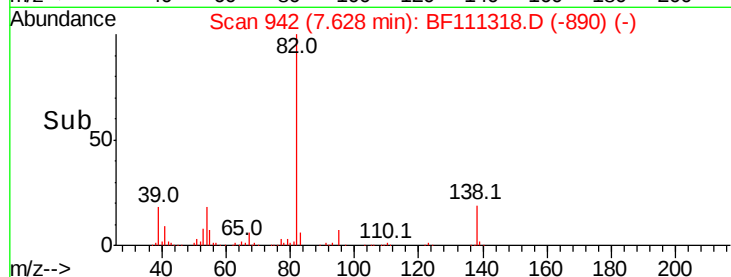
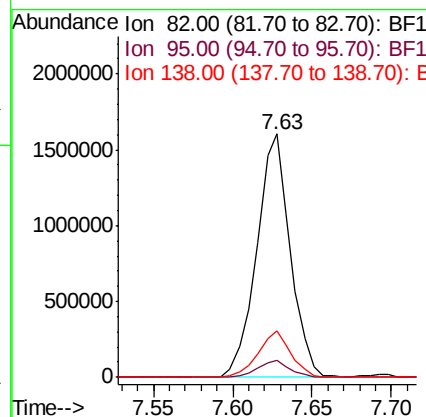
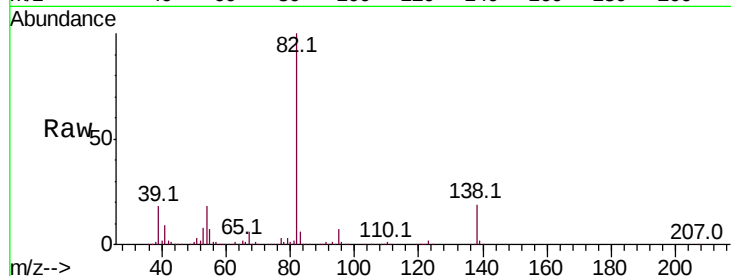
138 19.3 15.1 22.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 59.716 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

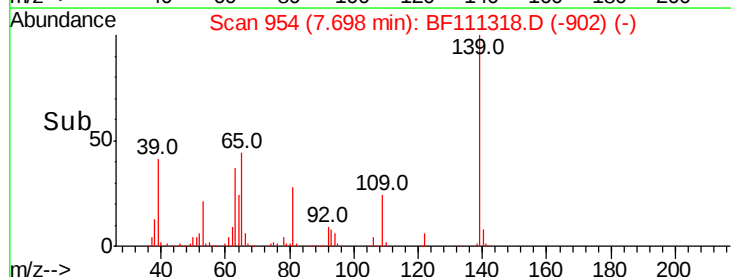
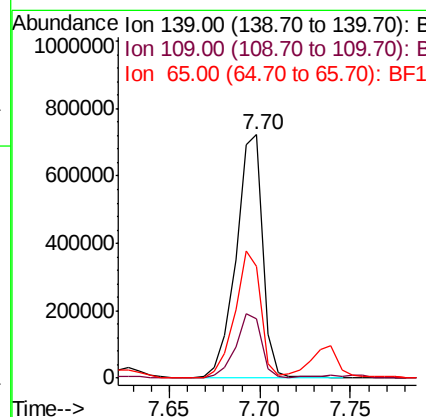
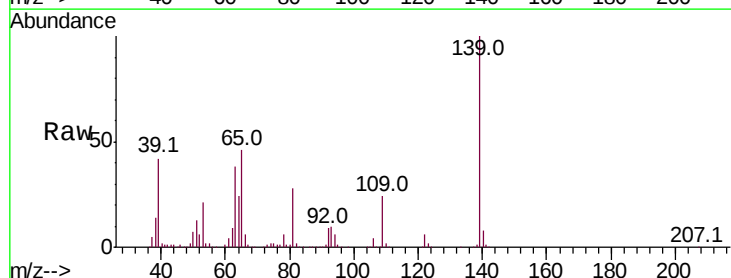
Tgt Ion: 139 Resp: 740664

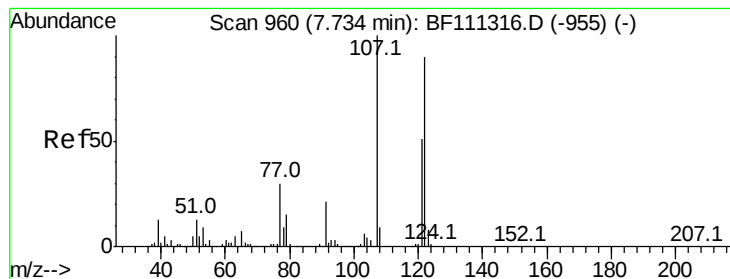
Ion Ratio Lower Upper

139 100

109 24.5 20.2 30.4

65 45.8 40.7 61.1





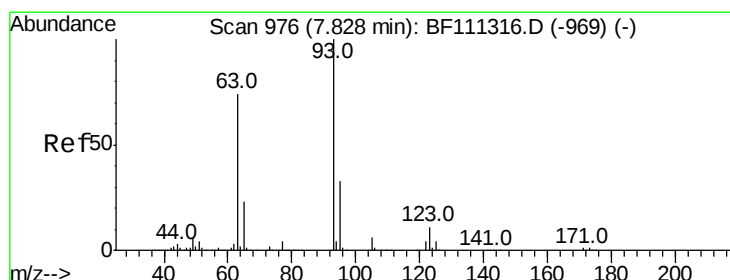
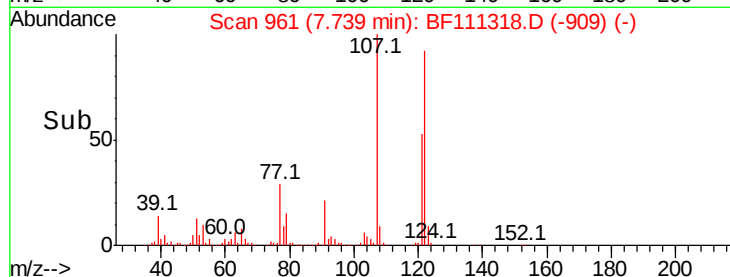
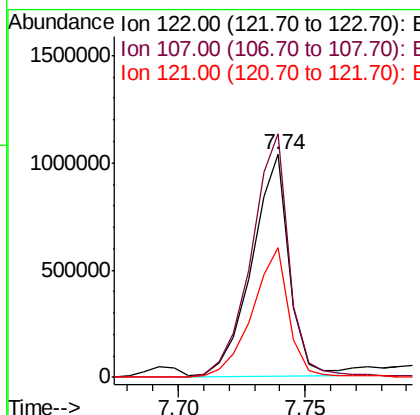
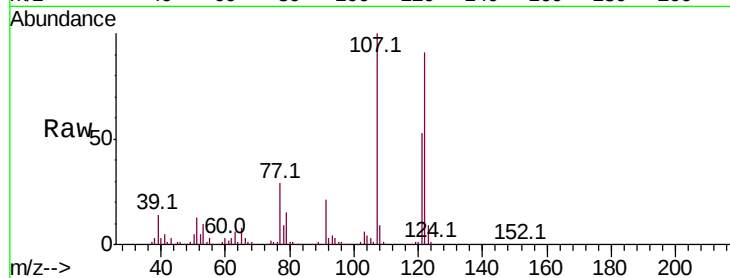
#27
2,4-Dimethylphenol
Concen: 55.059 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:122 Resp: 1055270
Ion Ratio Lower Upper
122 100
107 109.3 85.5 128.3
121 58.4 46.6 70.0

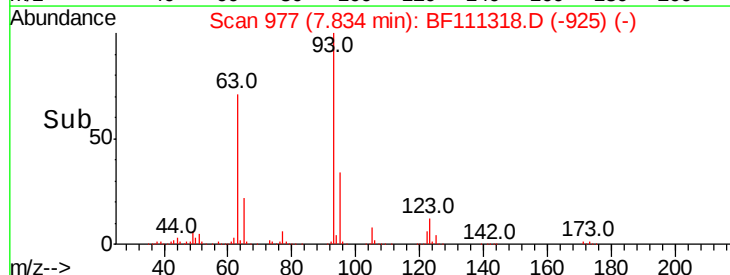
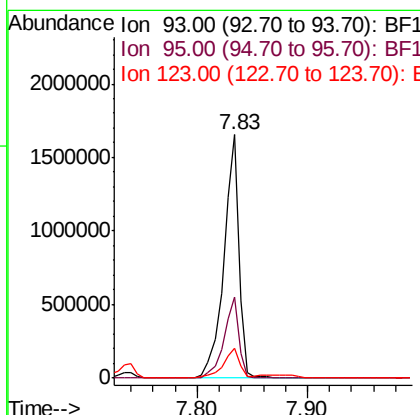
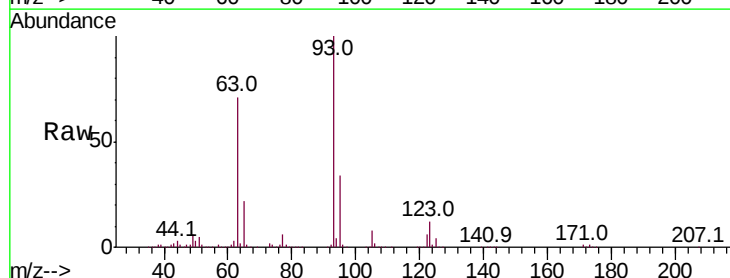
Manual Integrations
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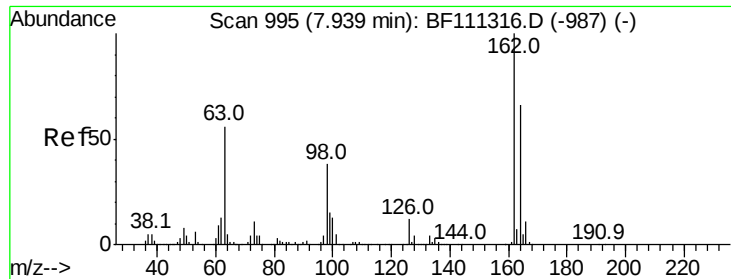
Sohil
12/13/2018 6:05:56 PM



#28
bis(2-Chloroethoxy)methane
Concen: 55.640 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion: 93 Resp: 1574045
Ion Ratio Lower Upper
93 100
95 33.6 27.1 40.7
123 12.5 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 56.660 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampled :

SSTDICC060

Tot Ion:162 Resp: 1110398

Ion Ratio Lower Upper

162 100

164 64.2 44.4 84.4

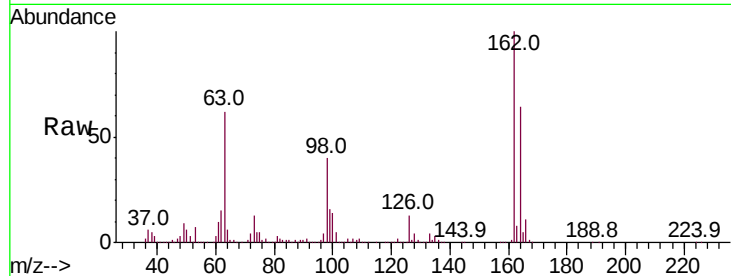
98 39.6 20.3 60.3

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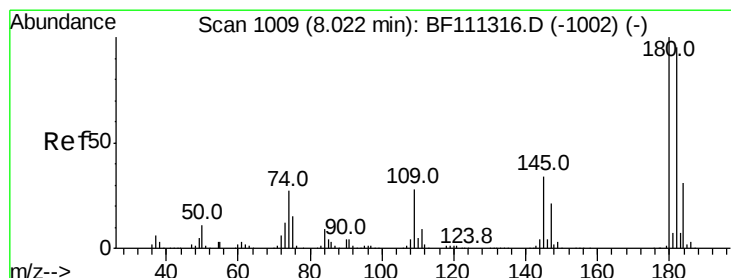
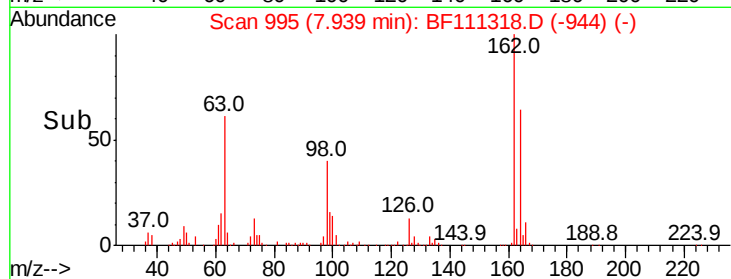
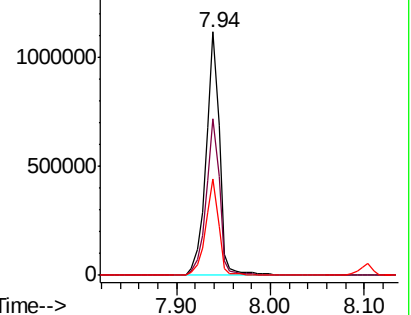
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Abundance Ion 162.00 (161.70 to 162.70): E

1500000 Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 58.036 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

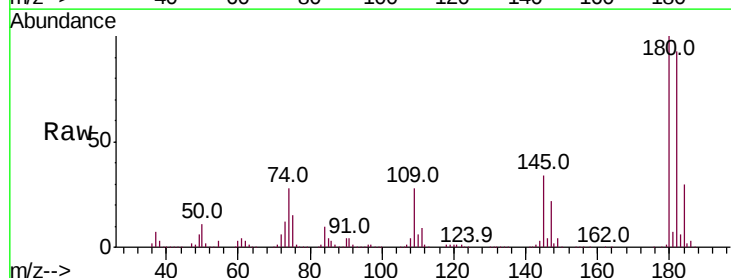
Tgt Ion:180 Resp: 1120335

Ion Ratio Lower Upper

180 100

182 92.5 75.6 113.4

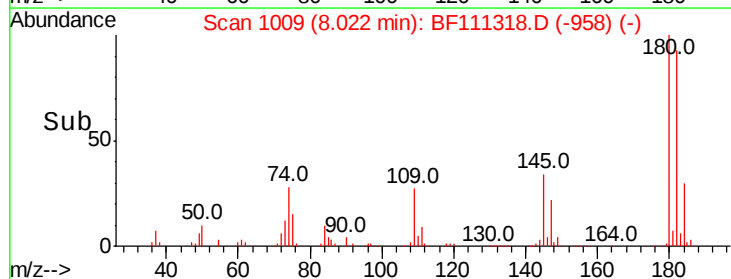
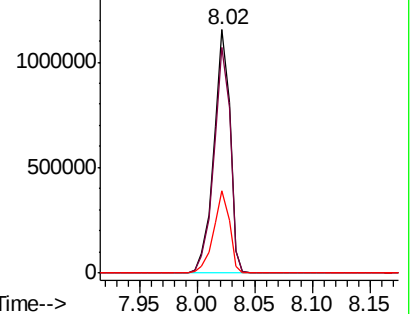
145 34.0 26.7 40.1

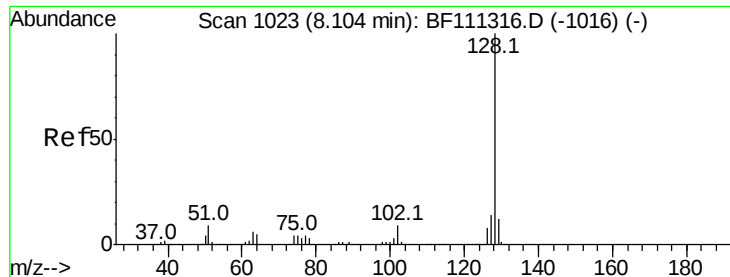


Abundance Ion 180.00 (179.70 to 180.70): E

1500000 Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





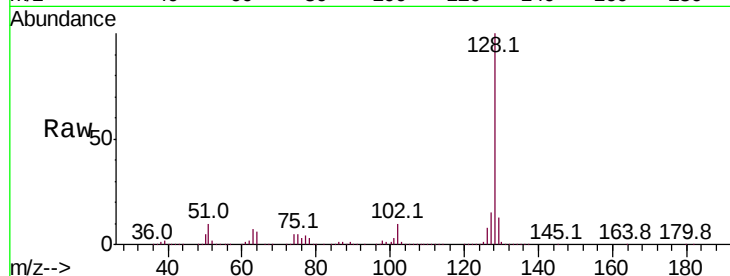
#31
Naphthalene
Concen: 58.242 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.8	14.8
127	14.8	12.0	18.0

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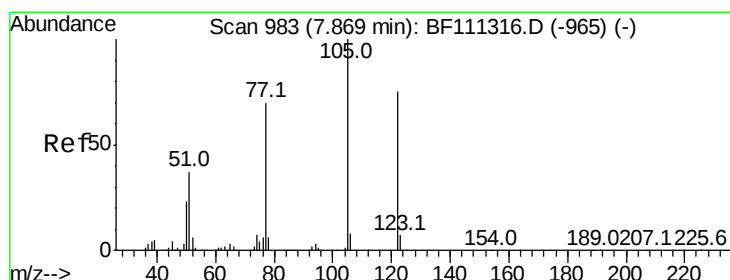
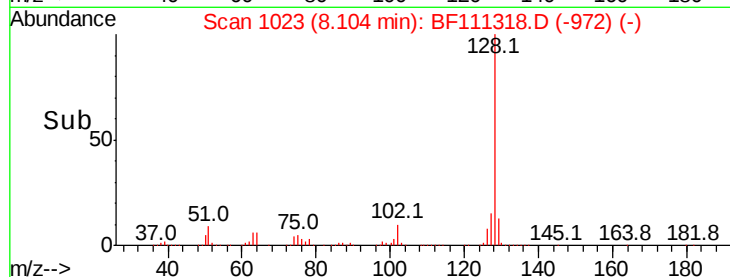
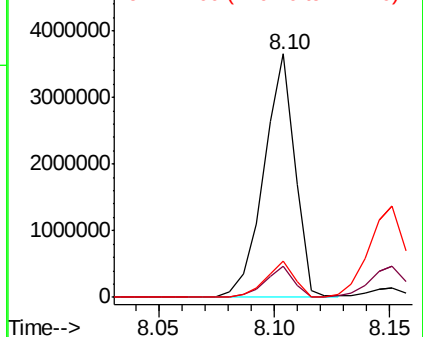


Abundance

Ion 128.00 (127.70 to 128.70): E

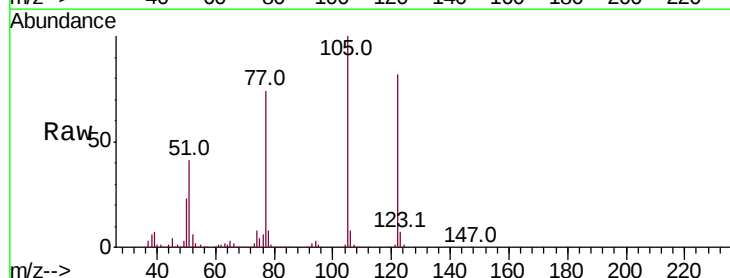
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 60.381 ng m
RT: 7.89 min Scan# 986
Delta R.T. 0.02 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.8	97.0	137.0
77	89.6	65.7	105.7

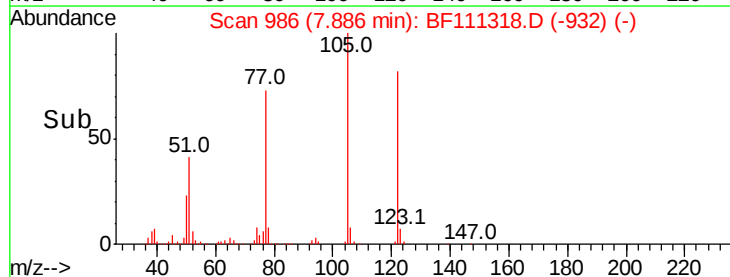
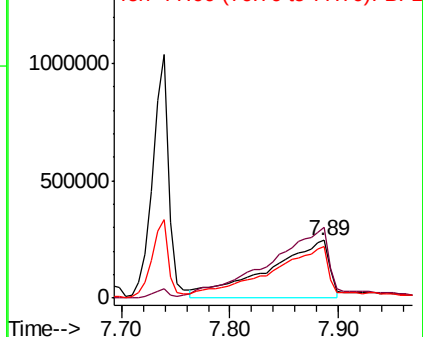


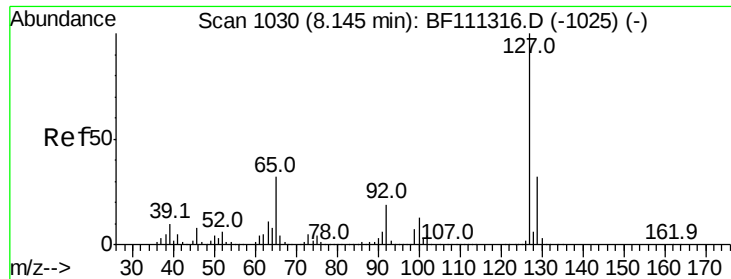
Abundance

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





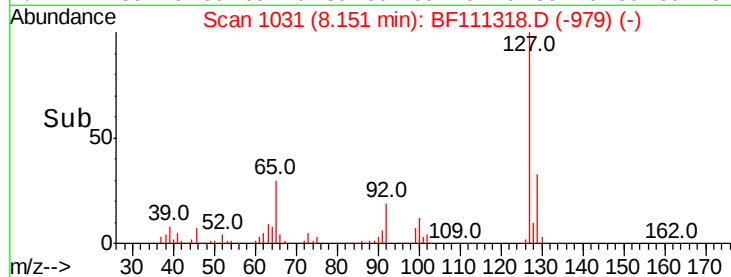
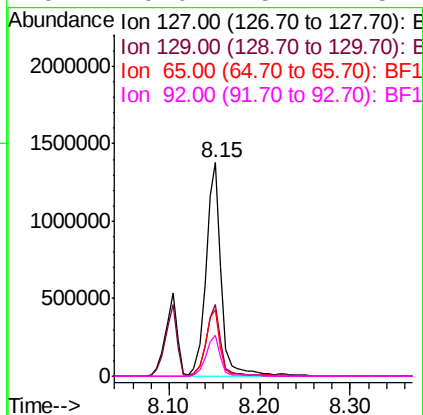
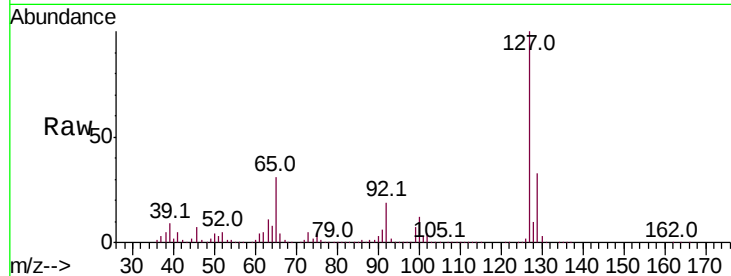
#33
4-Chloroaniline
Concen: 57.587 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	33.5	26.6	39.8	
65	30.9	25.7	38.5	
92	19.0	15.4	23.2	

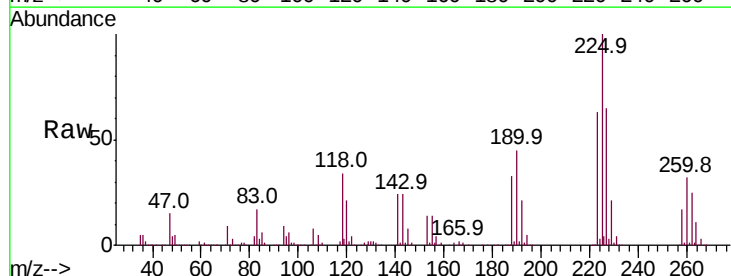
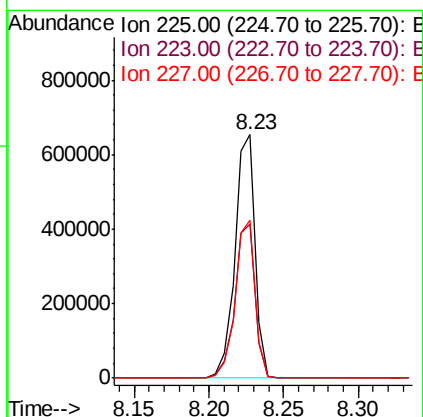
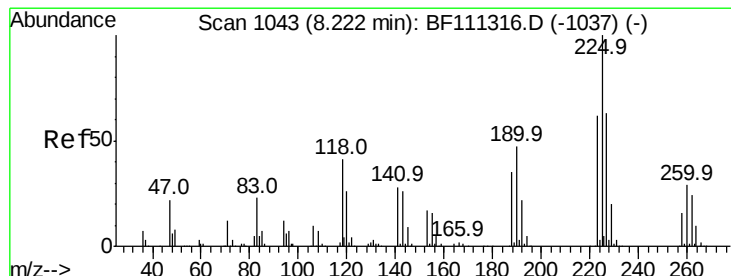
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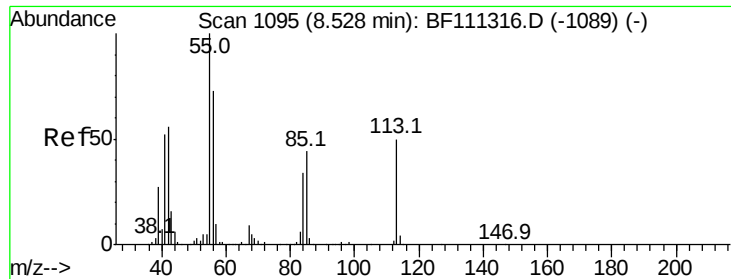
Sohil
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#34
Hexachlorobutadiene
Concen: 58.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	63.4	50.7	76.1	
227	64.7	52.6	78.8	





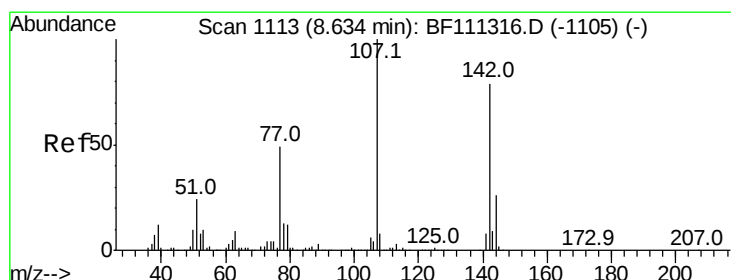
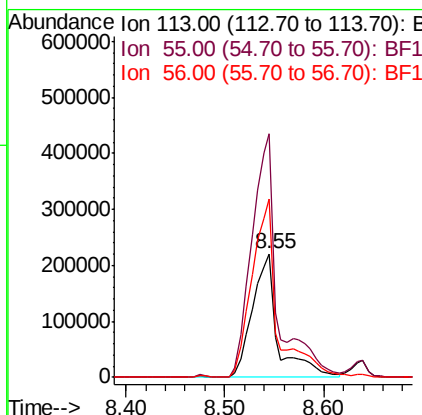
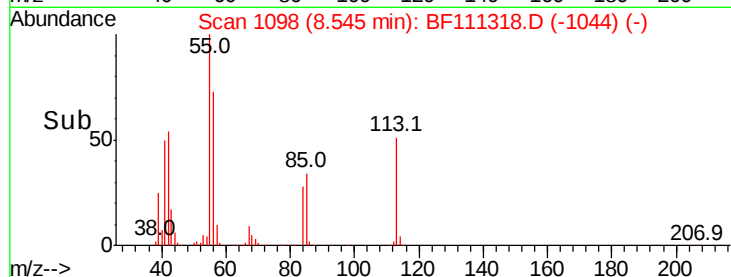
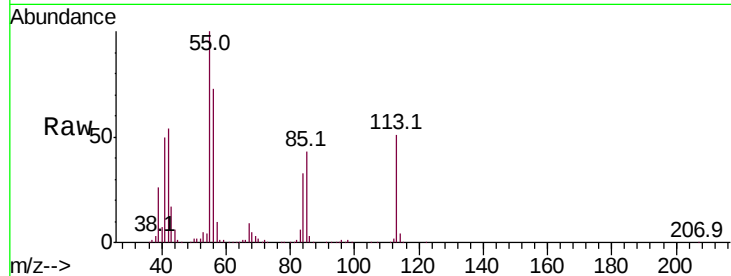
#35
Caprolactam
Concen: 57.547 ng/ml
RT: 8.55 min Scan# 1098
Delta R.T. 0.02 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
113	100		
55	197.3	184.1	224.1
56	144.3	126.0	166.0

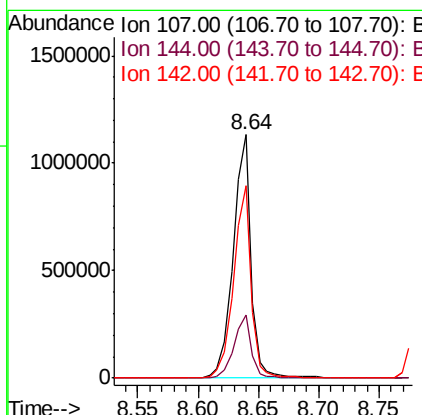
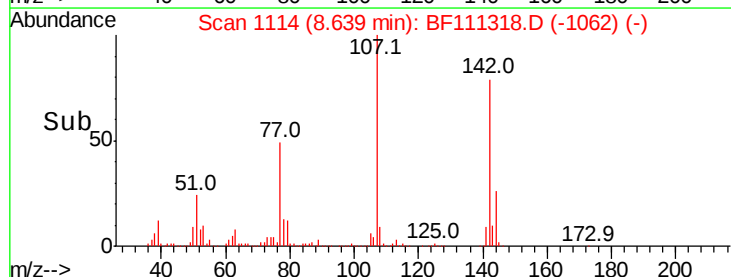
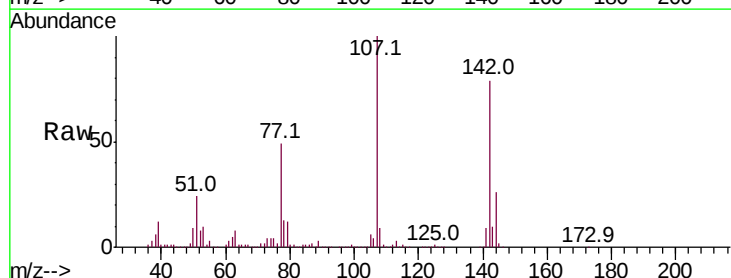
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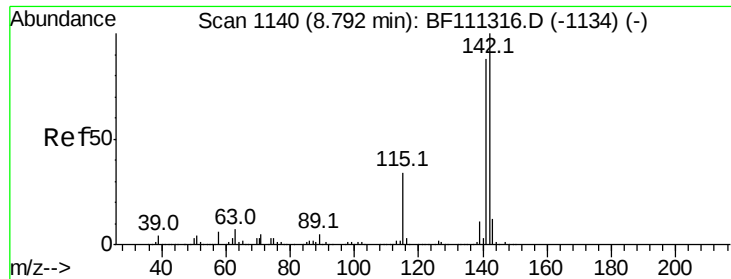
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#36
4-Chloro-3-methylphenol
Concen: 58.135 ng/ml
RT: 8.64 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	19.8	29.6
142	78.8	62.3	93.5





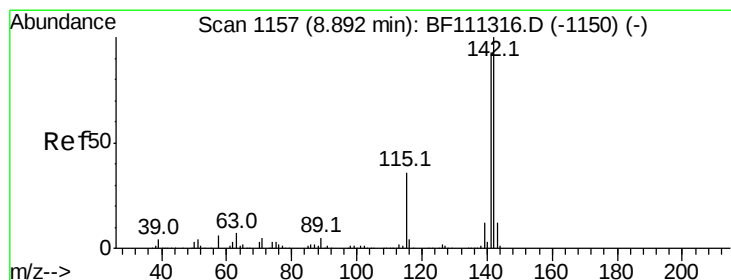
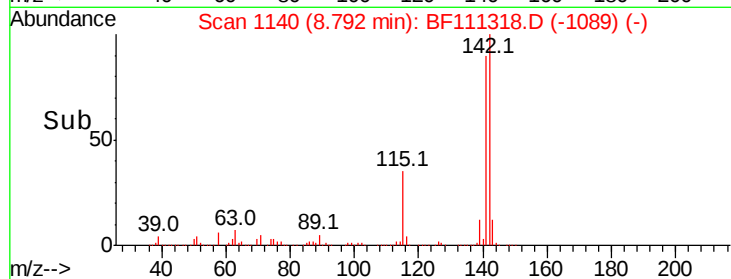
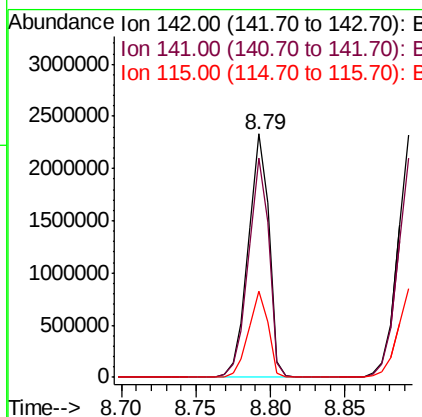
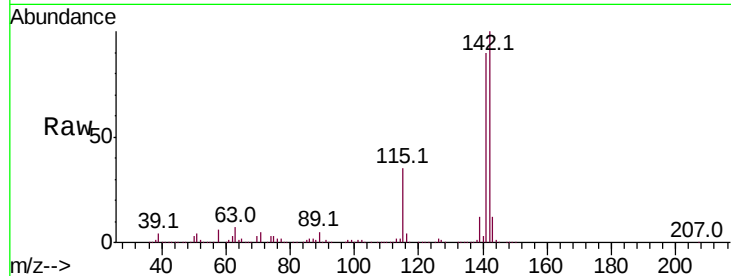
#37
2-Methylnaphthalene
Concen: 57.250 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.6	105.8
115	35.2	27.0	40.6

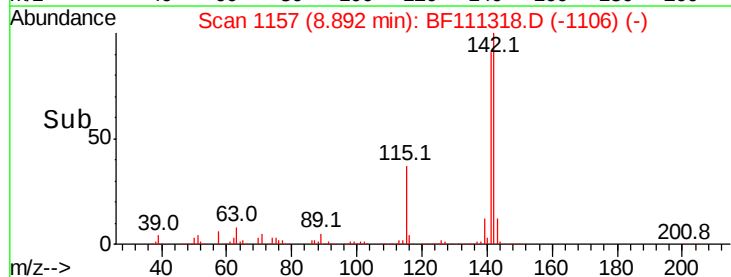
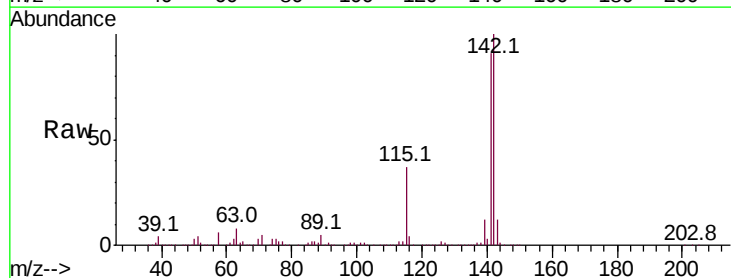
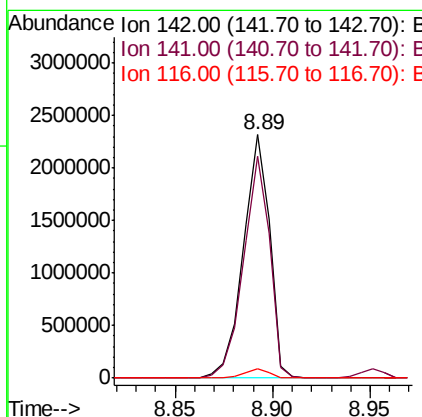
Manual Integrations
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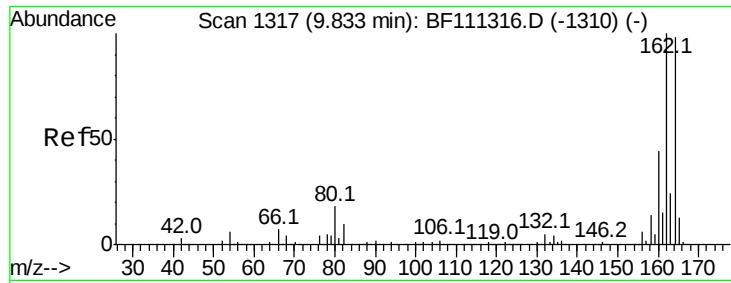
Sohil
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#38
1-Methylnaphthalene
Concen: 56.454 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	74.2	111.4
116	3.9	2.9	4.3





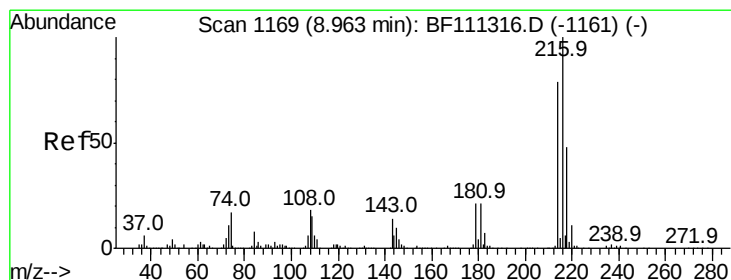
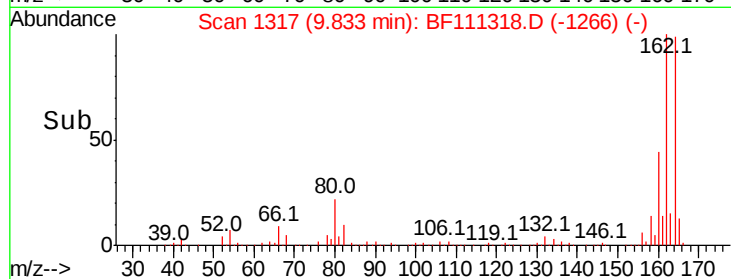
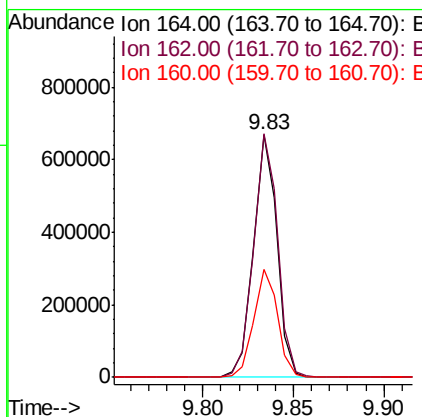
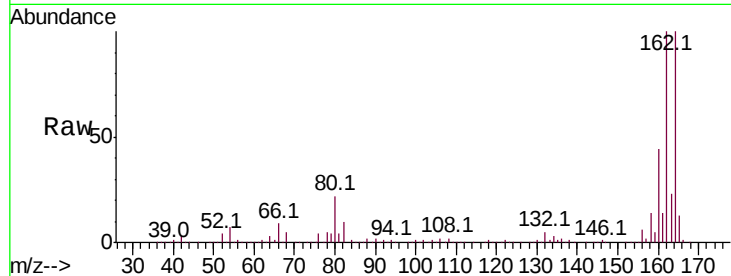
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.4	122.0
160	44.6	35.7	53.5

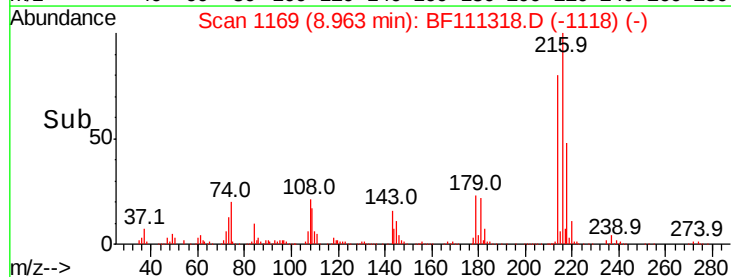
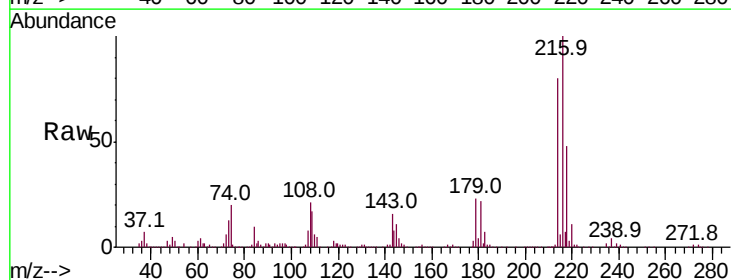
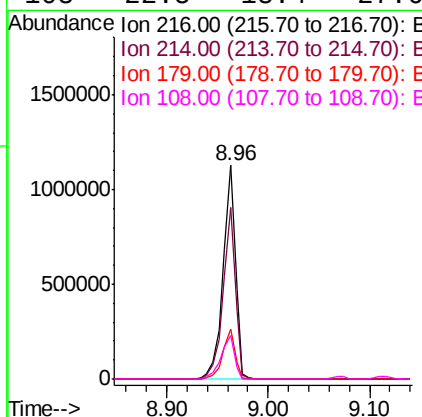
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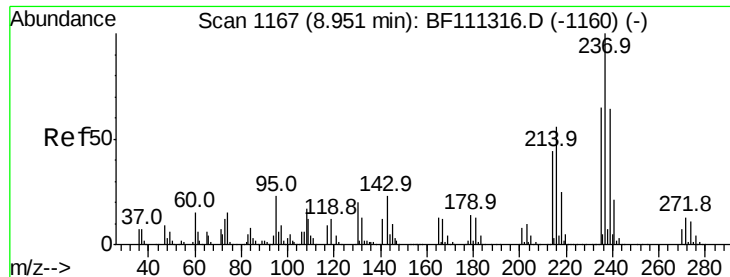
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.782 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.8
179	22.8	17.9	26.9
108	22.5	18.4	27.6





#41

Hexachlorocyclopentadiene

Concen: 54.932 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

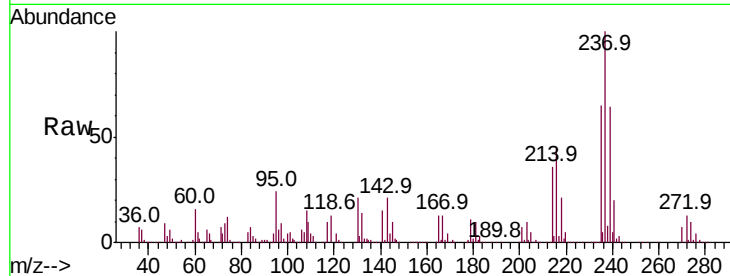
ClientSampleId :

SSTDIC060

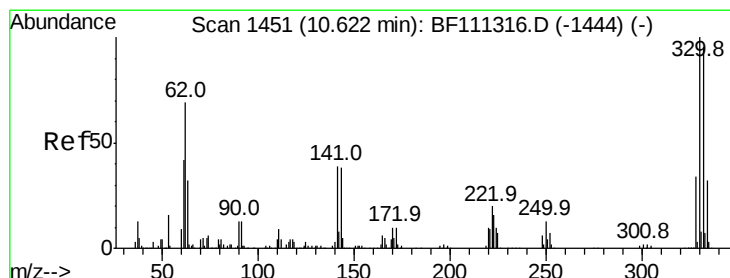
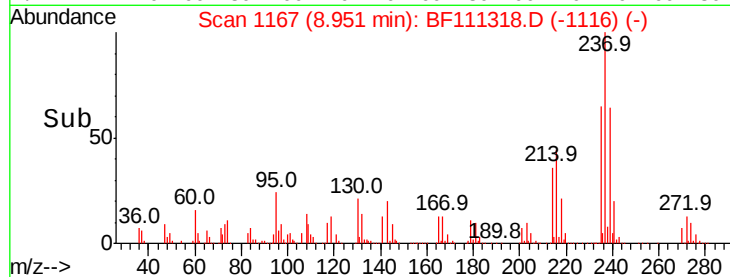
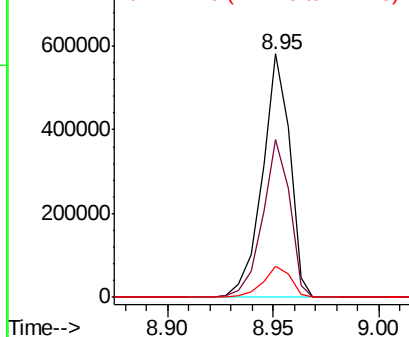
Tot Ion:	237	Resp:	526334
Ion Ratio	Lower	Upper	
237	100		
235	65.0	43.1	83.1
272	12.6	0.0	33.0

Manual Integrations
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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: 112.842 ng

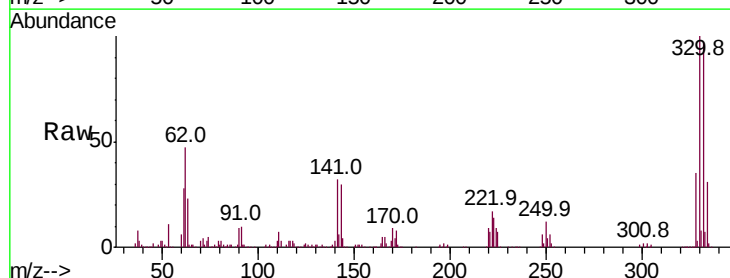
RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

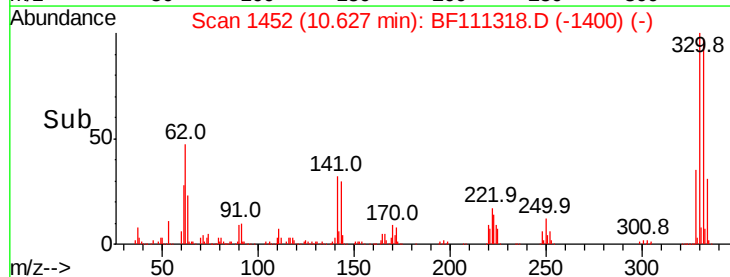
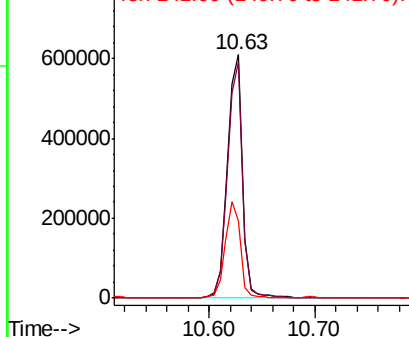
Lab File: BF111318.D

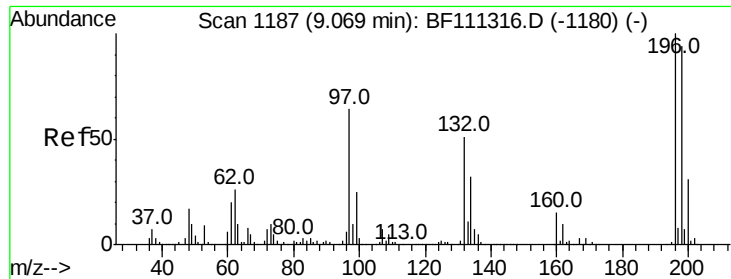
Acq: 12 Dec 2018 12:05

Tgt Ion:	330	Resp:	604386
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.0	114.0
141	39.8	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





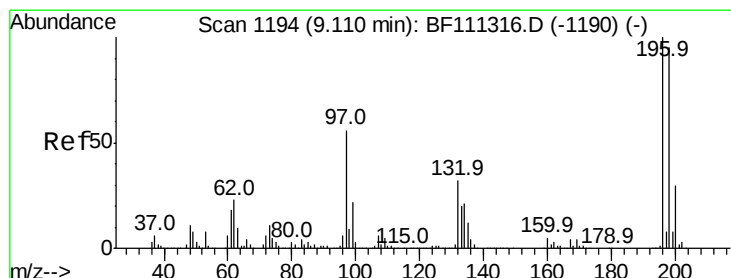
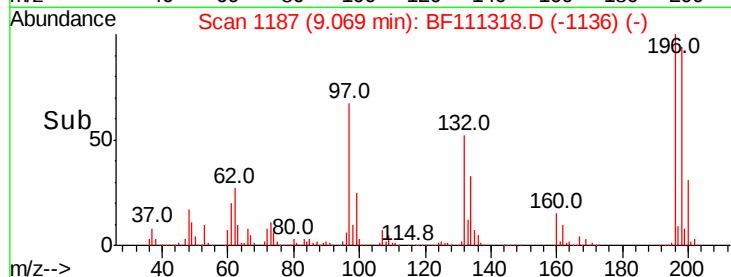
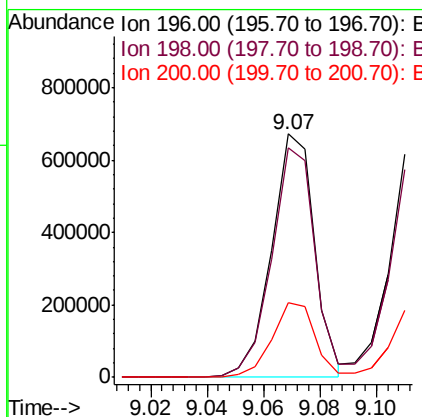
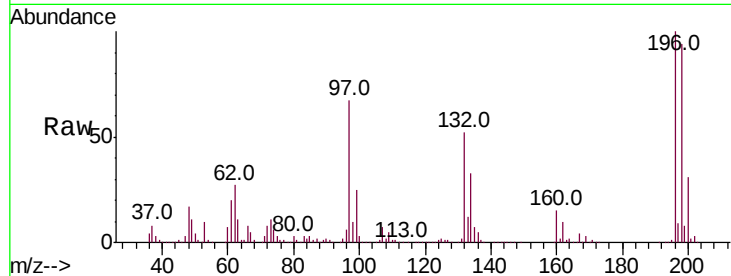
#43
 2,4,6-Trichlorophenol
 Concen: 56.079 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF111318.D
 Acq: 12 Dec 2018 12:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
196	100	708219		
198	94.0		76.3	114.5
200	30.5		24.9	37.3

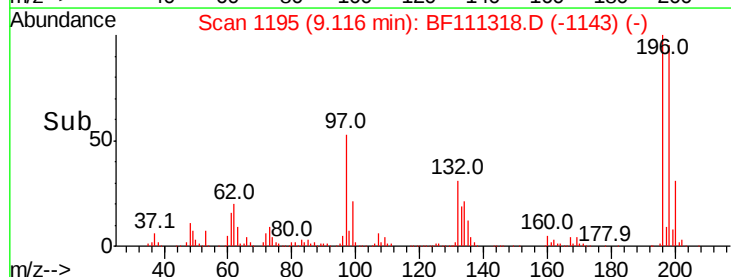
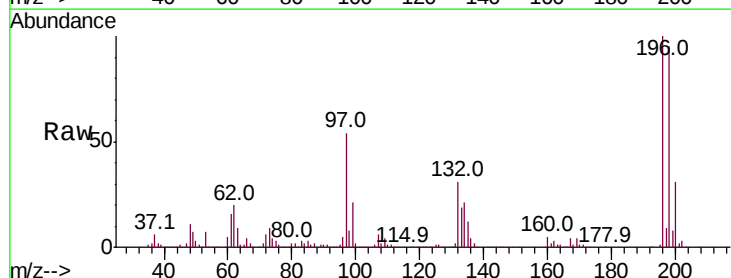
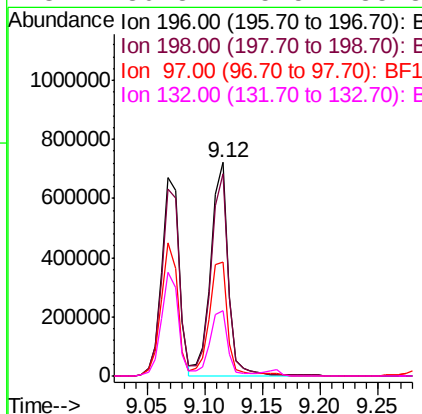
Manual Integrations
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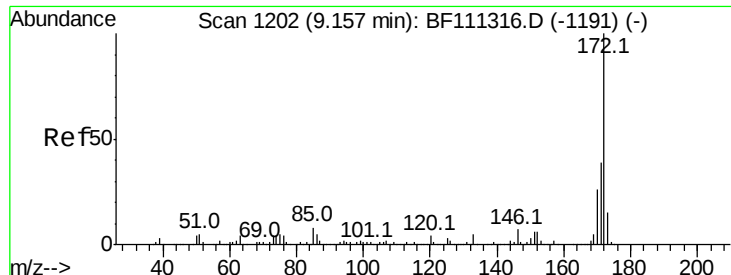
Sohil
 12/13/2018 6:05:56 PM



#44
 2,4,5-Trichlorophenol
 Concen: 57.635 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111318.D
 Acq: 12 Dec 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	758231		
198	94.9		72.9	109.3
97	53.5		45.3	67.9
132	30.8		25.5	38.3





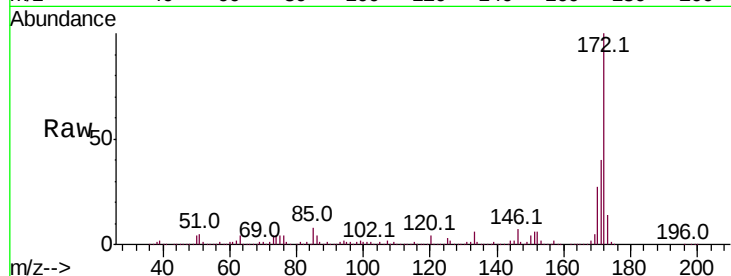
#45
2-Fluorobiphenyl
Concen: 106.840 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.0	33.0	49.4
170	27.2	22.3	33.5

Manual Integrations
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Sohil
12/13/2018 6:05:56 PM

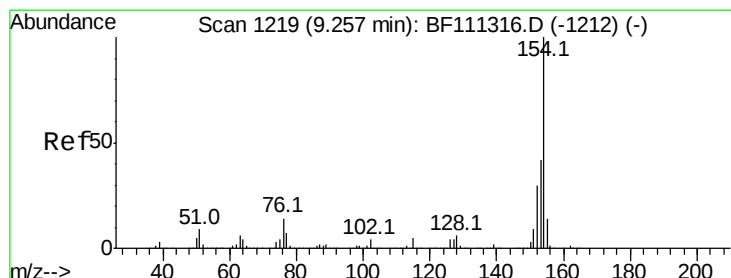
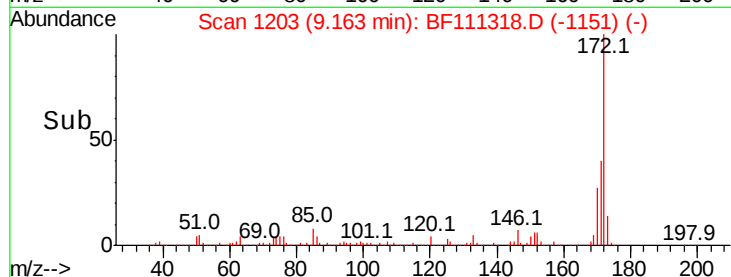
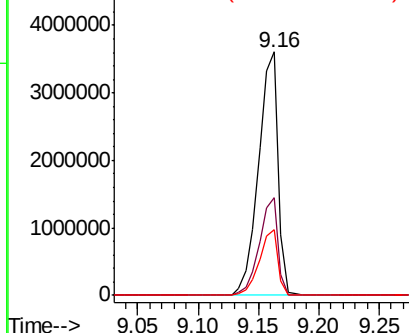


Abundance

Ion 172.00 (171.70 to 172.70): E

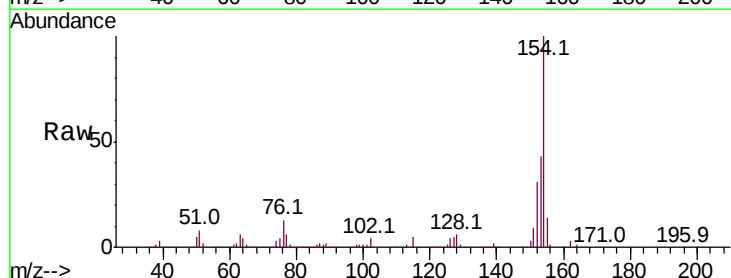
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 55.157 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	23.7	63.7
76	13.3	0.0	35.0

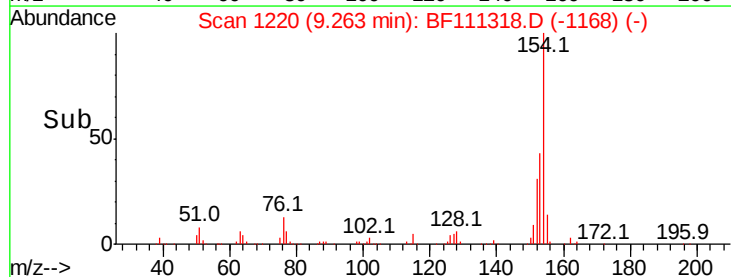
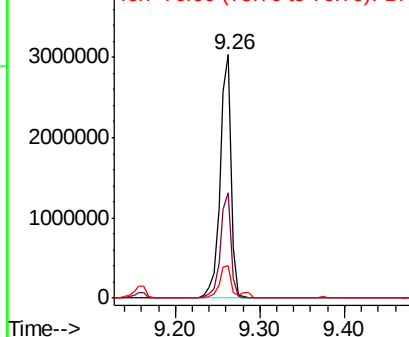


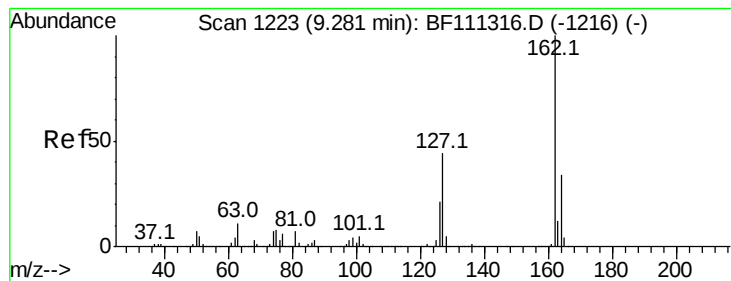
Abundance

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





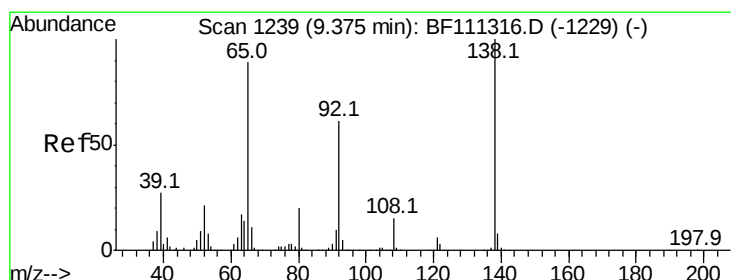
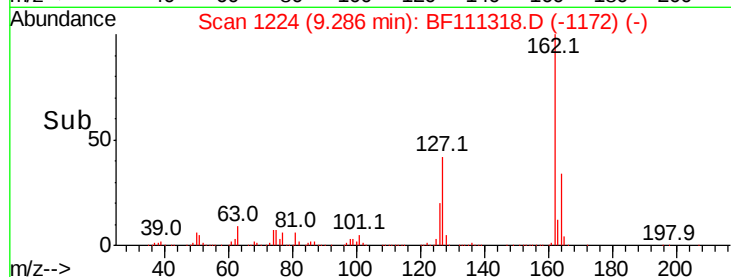
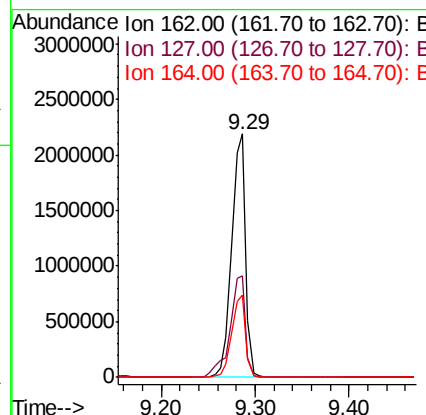
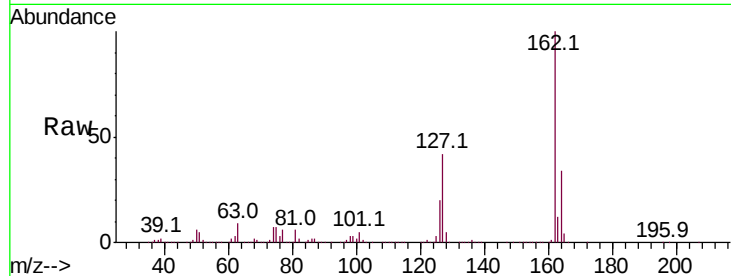
#47
 2-Chloronaphthalene
 Concen: 56.677 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF111318.D
 Acq: 12 Dec 2018 12:05

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC060

Tot	Ion:162	Resp: 2242305	
Ion	Ratio	Lower	Upper
162	100		
127	41.8	35.0	52.4
164	34.0	28.4	42.6

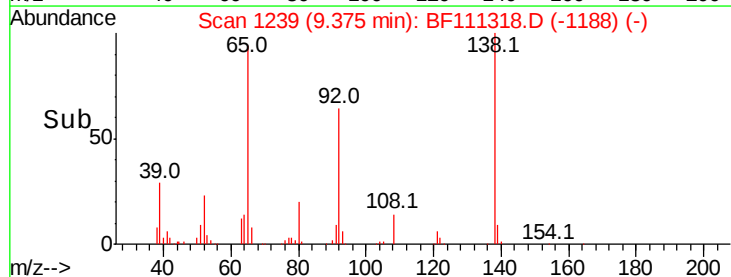
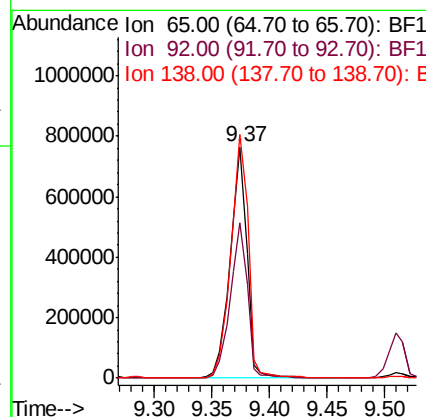
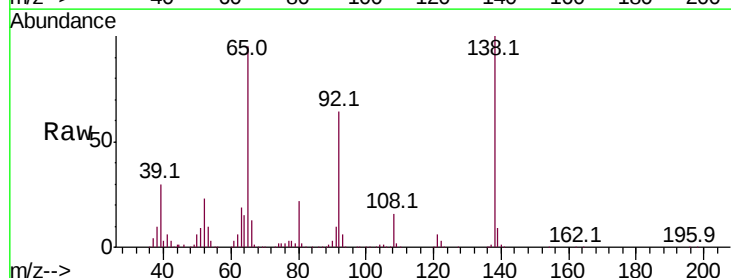
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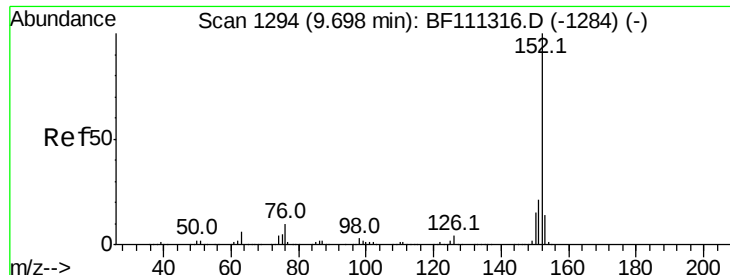
Sohil
 12/13/2018 6:05:56 PM



#48
 2-Nitroaniline
 Concen: 57.410 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF111318.D
 Acq: 12 Dec 2018 12:05

Tgt	Ion: 65	Resp:	774803
Ion	Ratio	Lower	Upper
65	100		
92	67.1	53.5	80.3
138	105.2	80.9	121.3





#49

Acenaphthylene

Concen: 56.271 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:152 Resp: 3231914

Ion Ratio Lower Upper

152 100

151 22.0 18.0 27.0

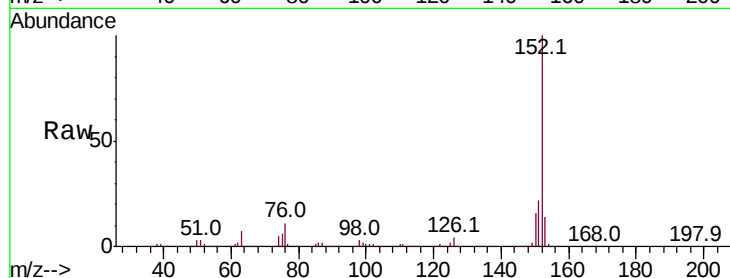
153 14.4 12.3 18.5

Manual Integrations

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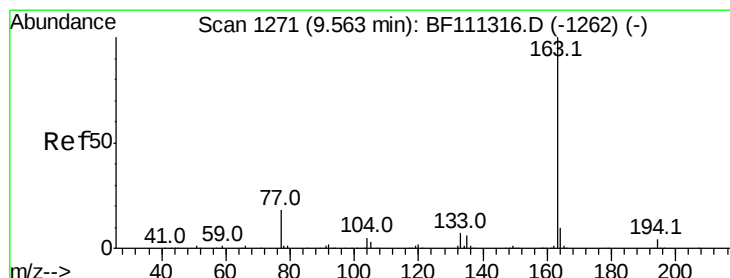
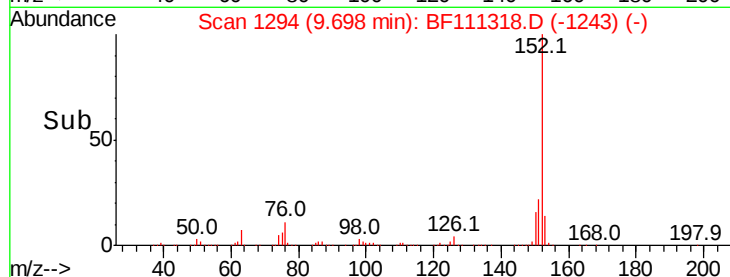
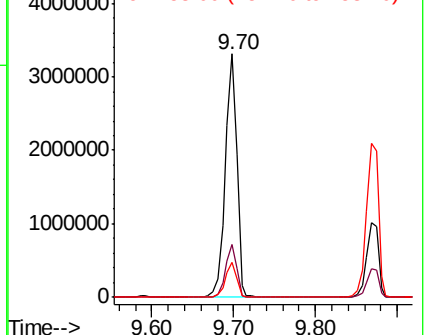
12/13/2018 6:05:56 PM



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: 55.675 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

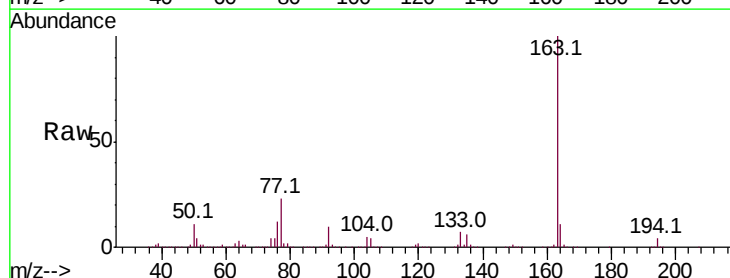
Tgt Ion:163 Resp: 2483872

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

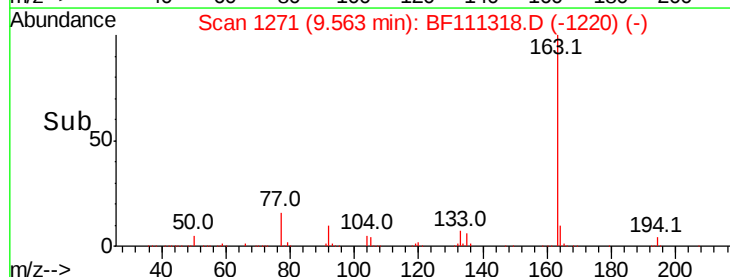
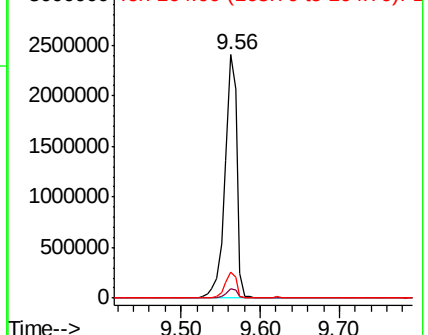
164 10.7 8.9 13.3

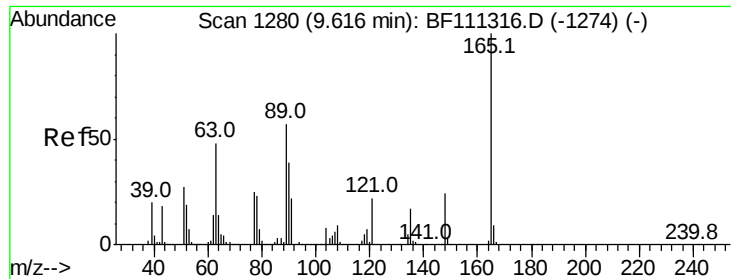


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 59.526 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

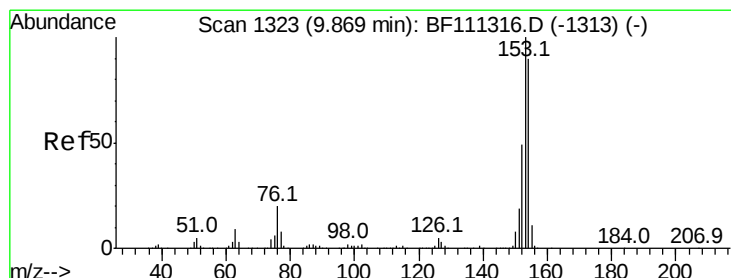
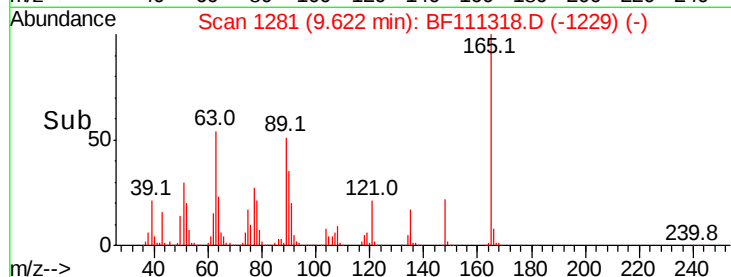
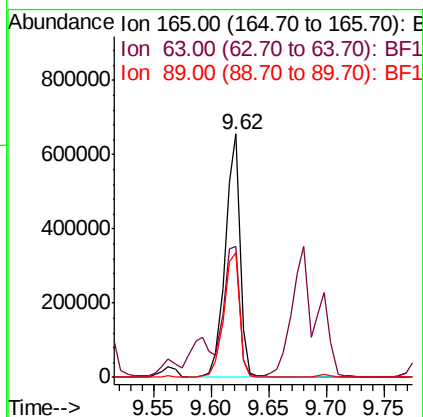
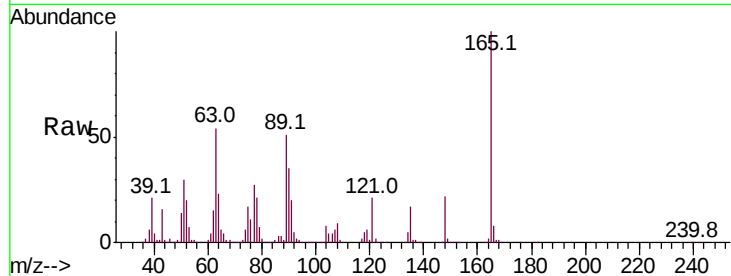
ClientSampleId :

SSTDIC060

Tot Ion:	165	Resp:	586481
Ion Ratio	Lower	Upper	
165	100		
63	54.0	40.5	60.7
89	51.4	40.0	60.0

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#52

Acenaphthene

Concen: 57.434 ng

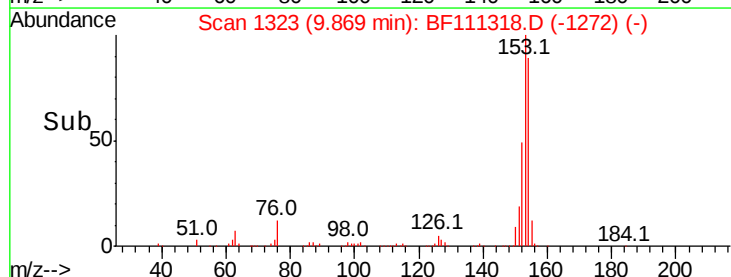
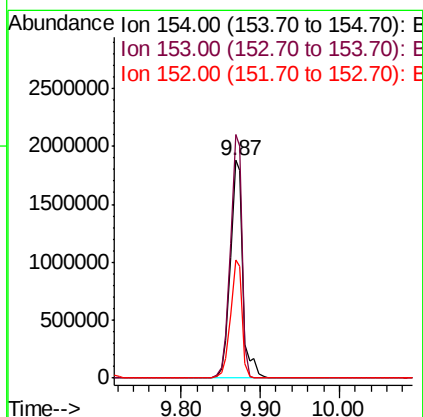
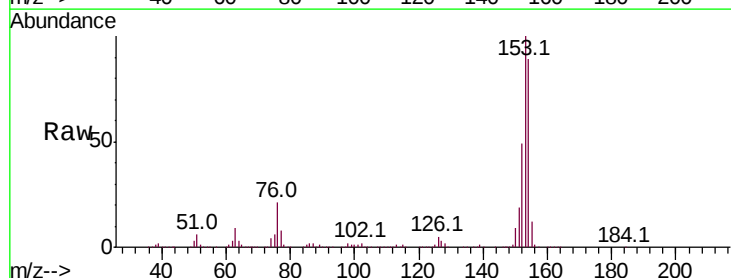
RT: 9.87 min Scan# 1323

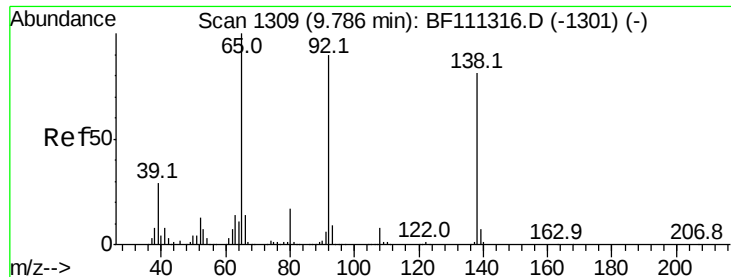
Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Tgt Ion:	154	Resp:	2070093
Ion Ratio	Lower	Upper	
154	100		
153	111.7	87.8	131.8
152	54.5	43.4	65.2





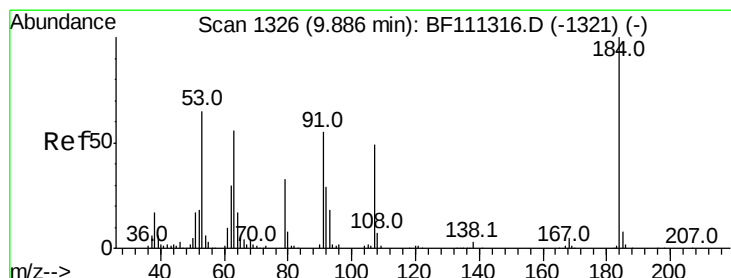
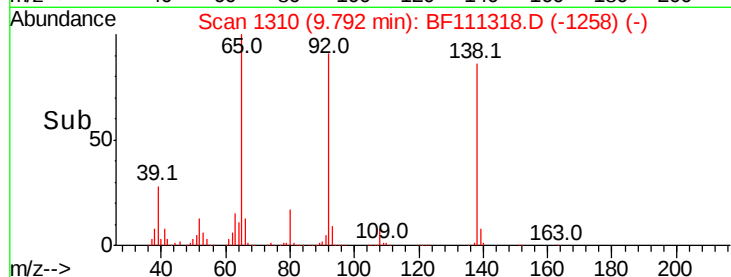
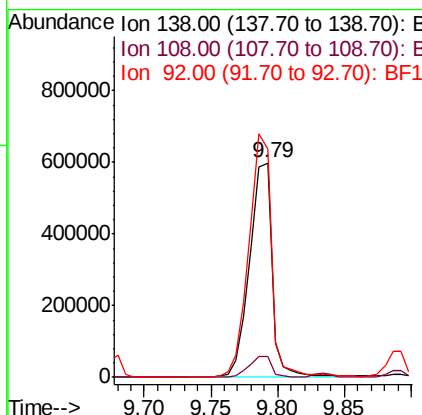
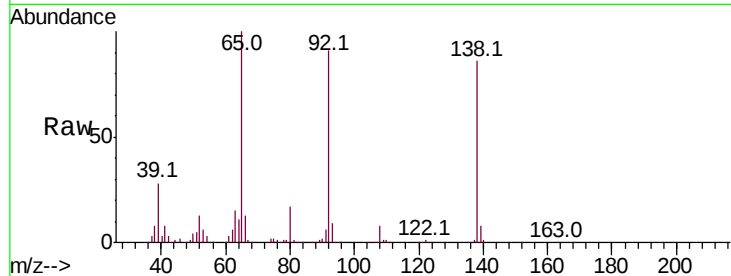
#53
3-Nitroaniline
Concen: 57.009 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.2	12.4
92	106.3	93.4	140.2

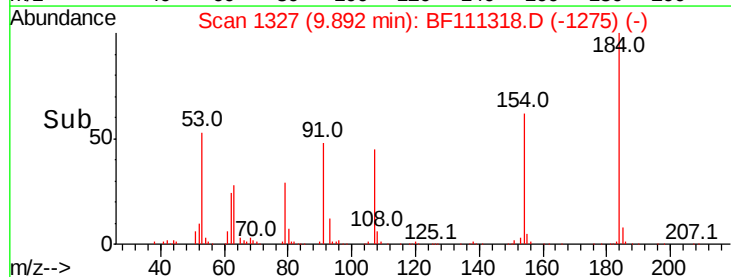
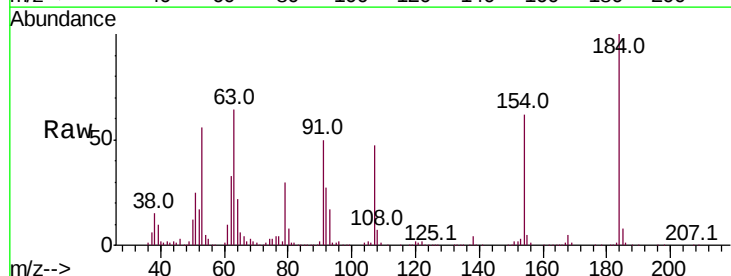
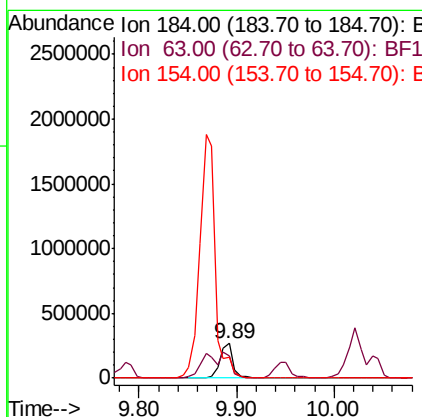
Manual Integrations
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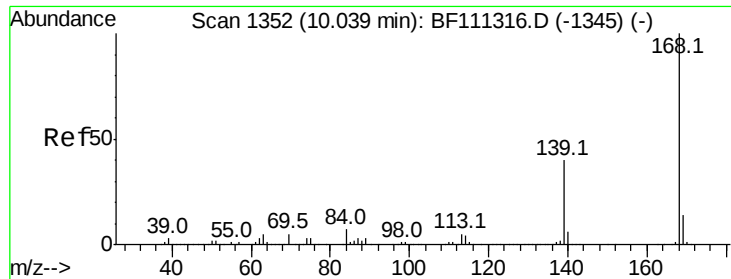
Sohil
12/13/2018 6:05:56 PM



#54
2,4-Dinitrophenol
Concen: 65.342 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.4	62.3	93.5
154	62.1	56.2	84.2





#55

Dibenzenofuran

Concen: 59.437 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:168 Resp: 2914490

Ion Ratio Lower Upper

168 100

139 39.3 32.6 49.0

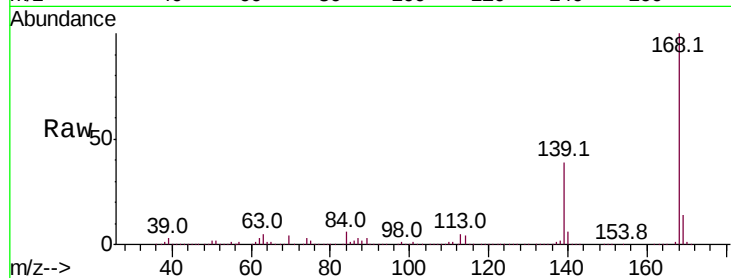
169 14.1 11.8 17.6

Manual Integrations

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Sohil

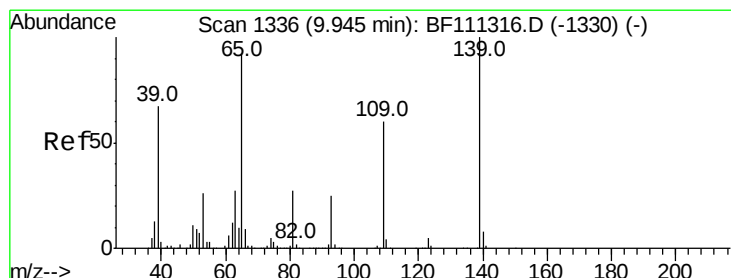
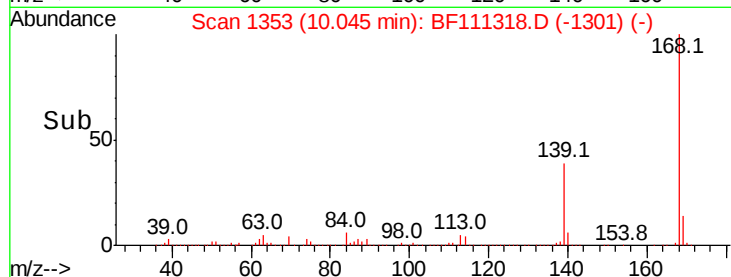
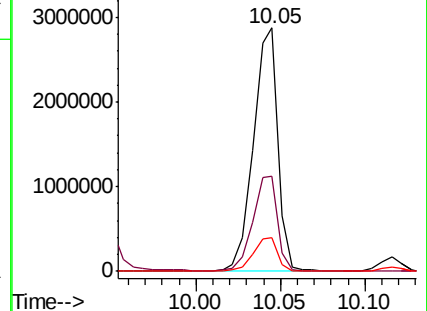
12/13/2018 6:05:56 PM



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 55.867 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

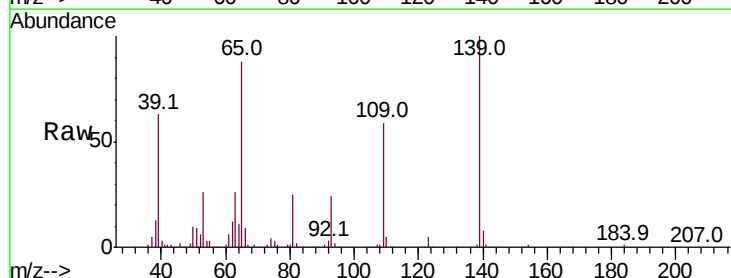
Tgt Ion:139 Resp: 529140

Ion Ratio Lower Upper

139 100

109 58.8 41.8 81.8

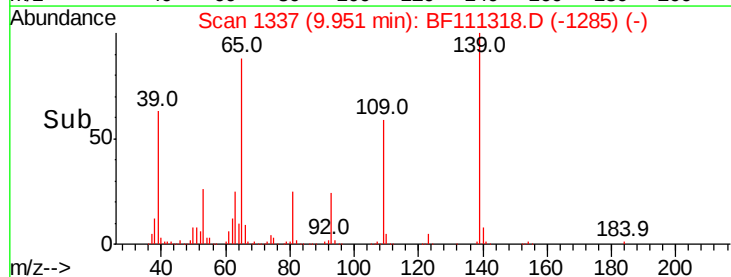
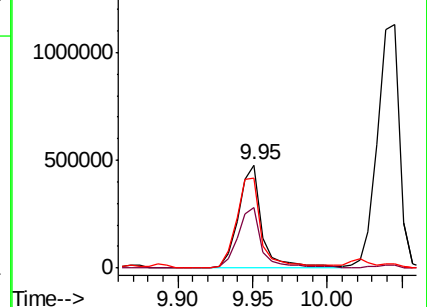
65 88.0 79.6 119.6

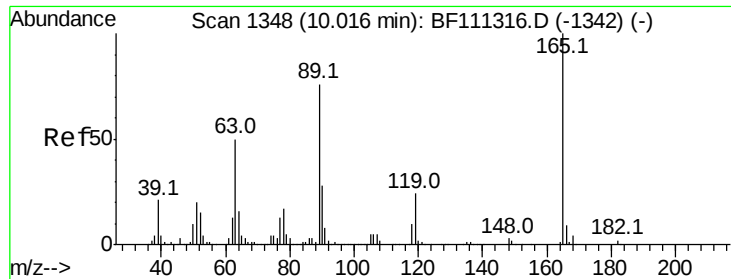


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





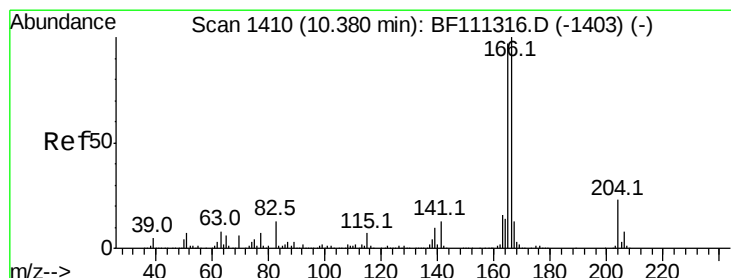
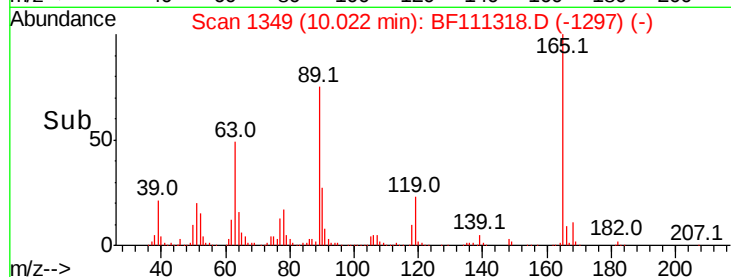
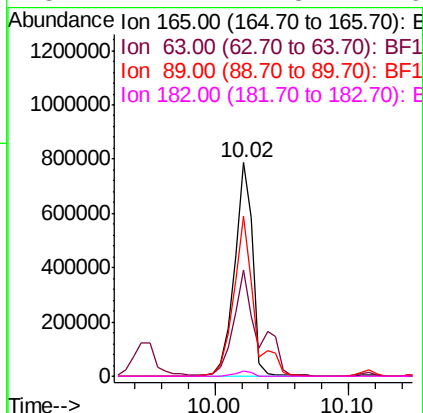
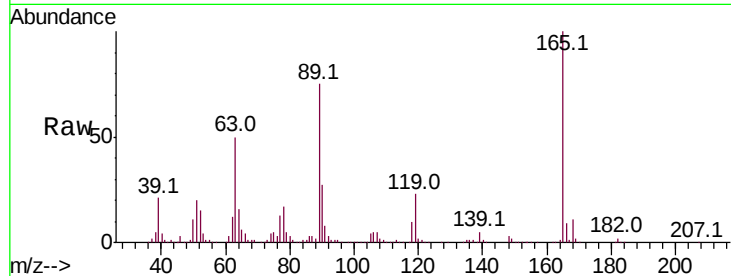
#57
2,4-Dinitrotoluene
Concen: 62.192 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
165	100	755387		
63	49.7	34.6	52.0	
89	74.9	56.2	84.4	
182	2.4	1.8	2.6	

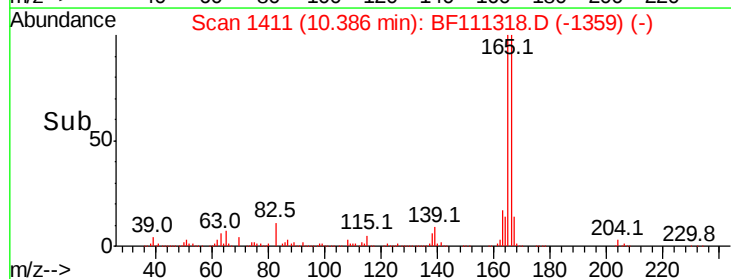
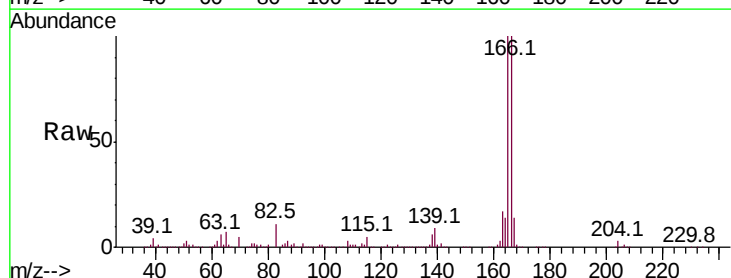
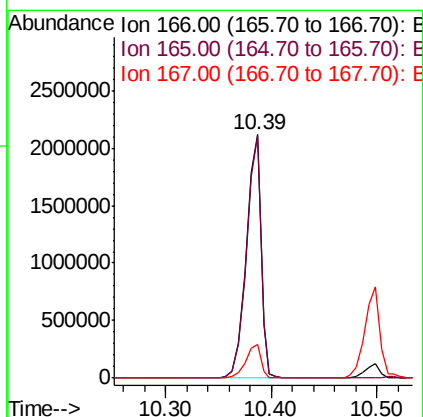
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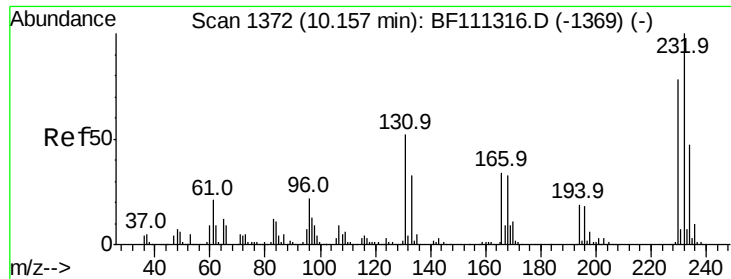
Sohil
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#58
Fluorene
Concen: 53.345 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2024166		
165	99.6	78.4	117.6	
167	13.7	11.2	16.8	





#59

2,3,4,6-Tetrachlorophenol

Concen: 57.315 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampled :

SSTDIC060

Tot Ion:232 Resp: 571543
Ion Ratio Lower Upper

232 100

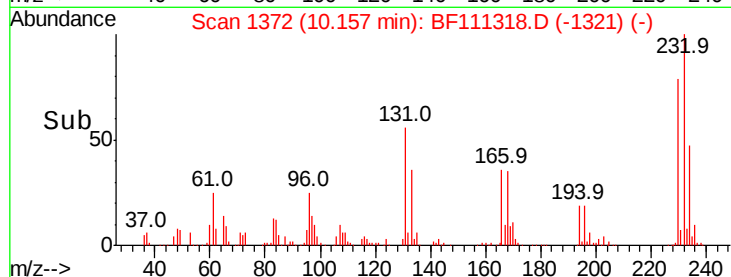
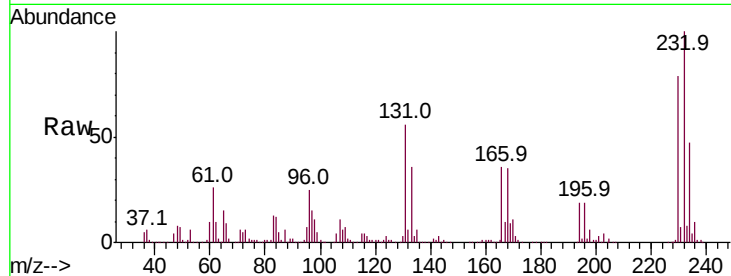
131 51.7 40.9 61.3

130 2.3 2.0 3.0

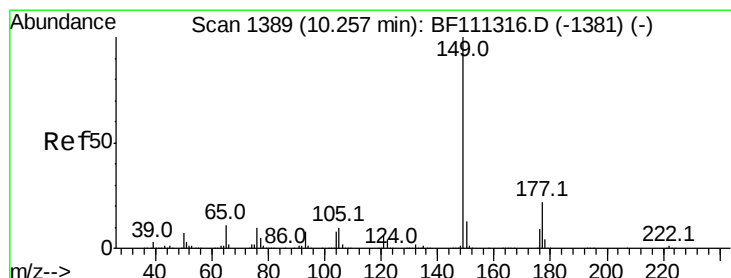
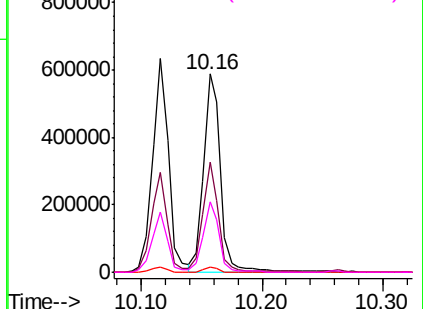
166 33.5 26.8 40.2

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Abundance Ion 232.00 (231.70 to 232.70): E
1000000
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: 57.180 ng

RT: 10.26 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BF111318.D

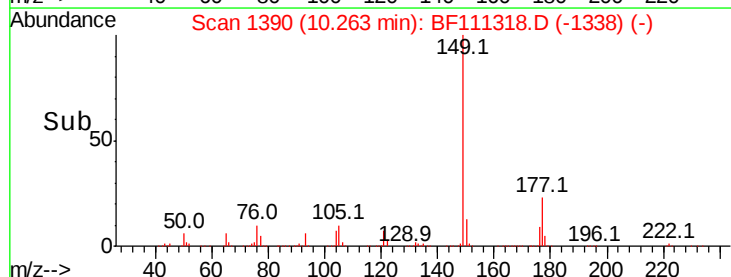
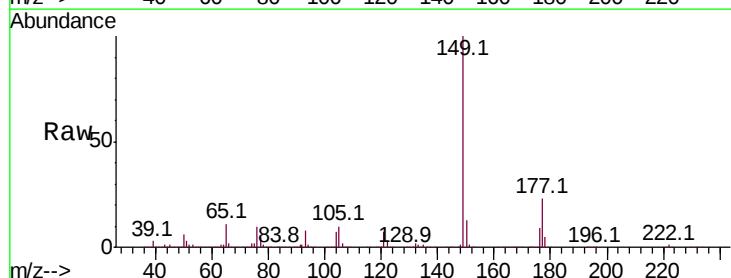
Acq: 12 Dec 2018 12:05

Tgt Ion:149 Resp: 2432082
Ion Ratio Lower Upper

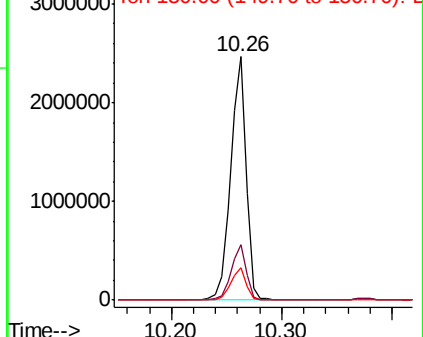
149 100

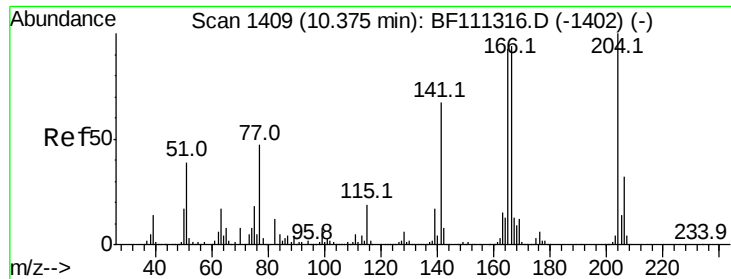
177 23.0 18.3 27.5

150 13.1 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E
3000000
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





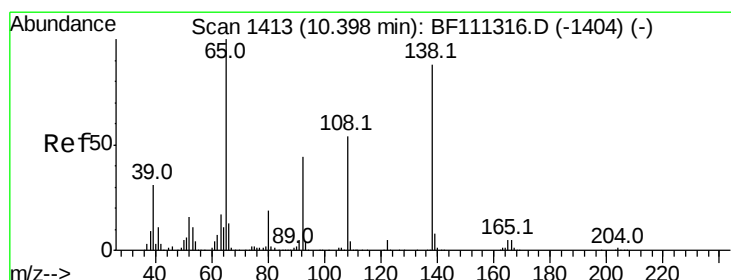
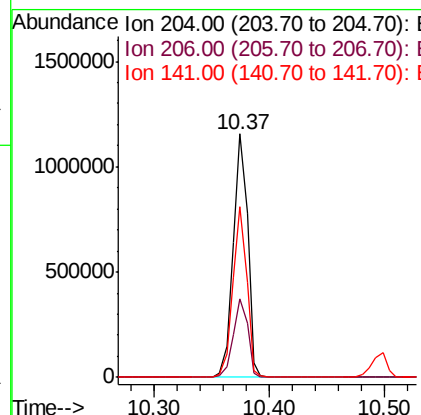
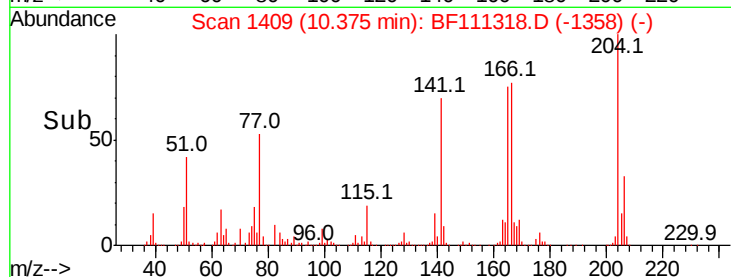
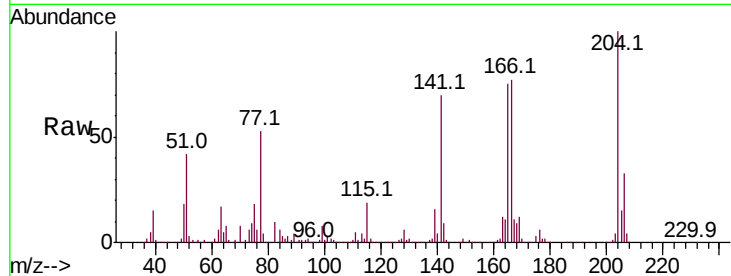
#61
 4-Chlorophenyl-phenylether
 Concen: 53.367 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: BF111318.D
 Acq: 12 Dec 2018 12:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:	204	Resp:	1005446
Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.6	39.8
141	70.1	52.6	78.8

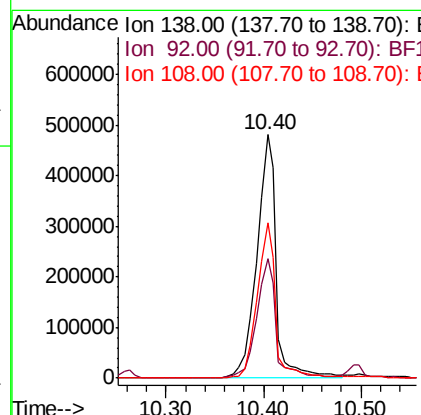
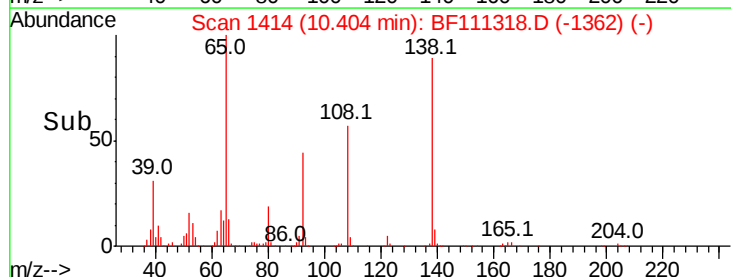
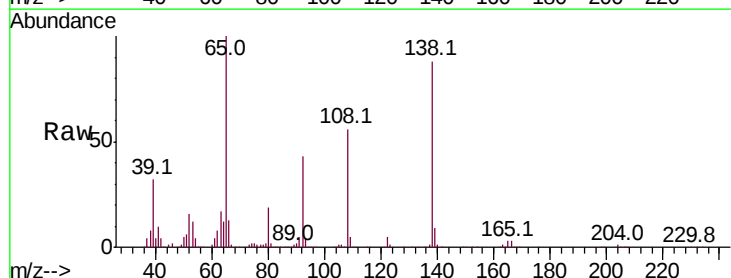
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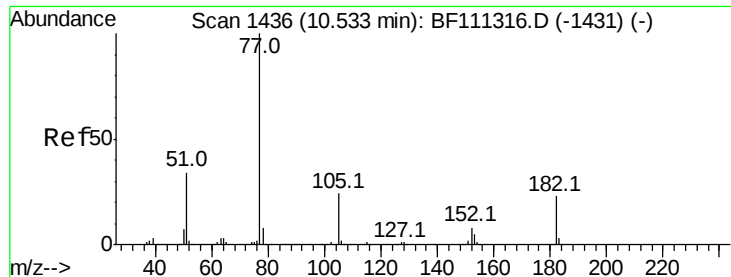
Sohil
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#62
 4-Nitroaniline
 Concen: 58.551 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF111318.D
 Acq: 12 Dec 2018 12:05

Tgt Ion:	138	Resp:	673734
Ion	Ratio	Lower	Upper
138	100		
92	49.0	29.9	69.9
108	63.8	43.2	83.2





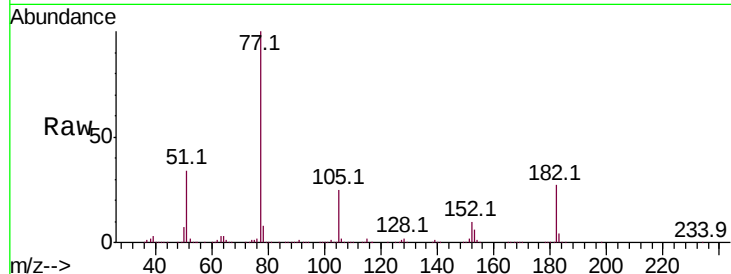
#63
Azobenzene
Concen: 56.216 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.7	4.9	44.9
105	25.4	6.0	46.0
51	33.9	14.7	54.7

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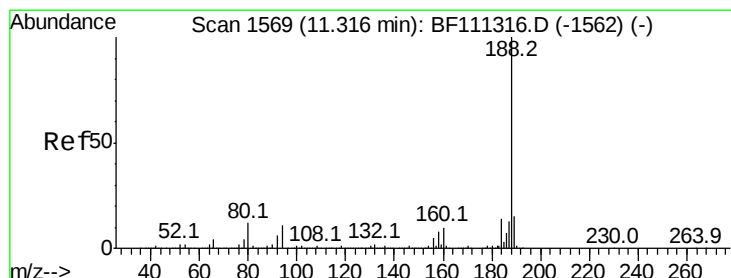
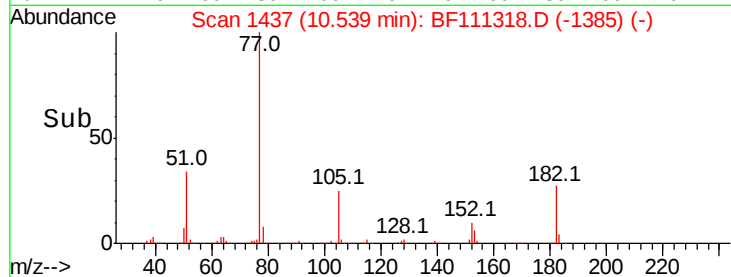
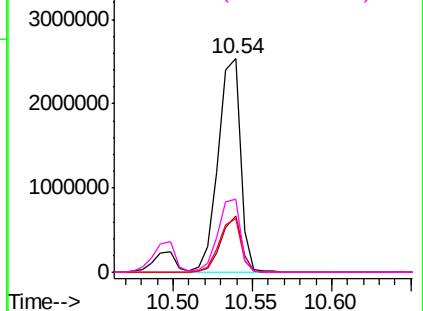
Abundance

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: BF111318.D
Acq: 12 Dec 2018 12:05

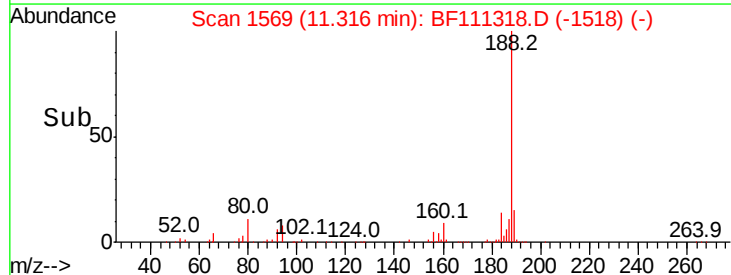
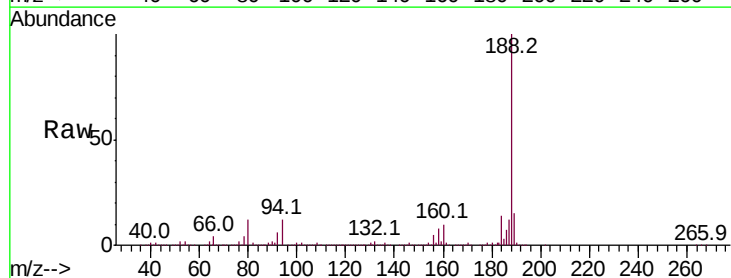
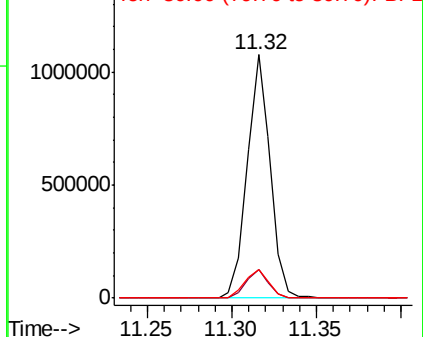
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.6	14.4
80	11.9	9.8	14.6

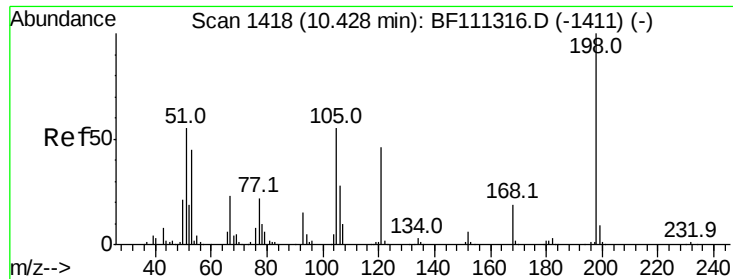
Abundance

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





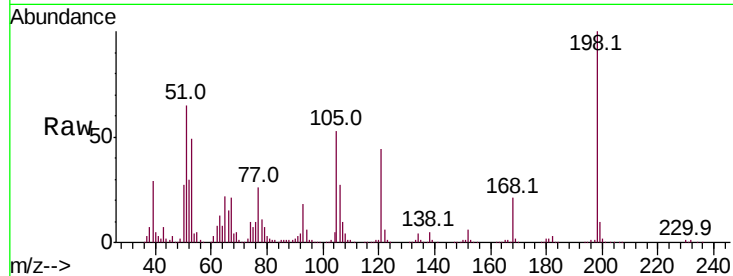
#65
4,6-Dinitro-2-methylphenol
Concen: 67.483 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

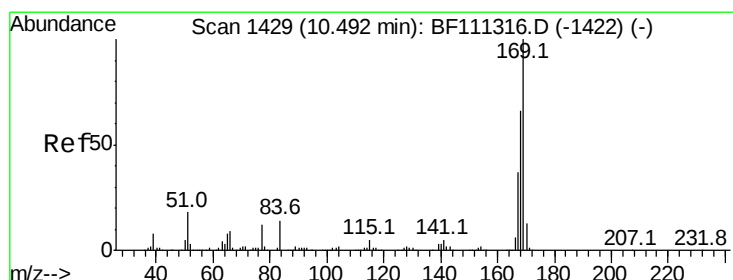
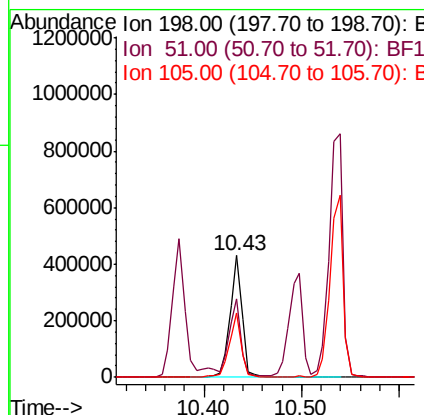
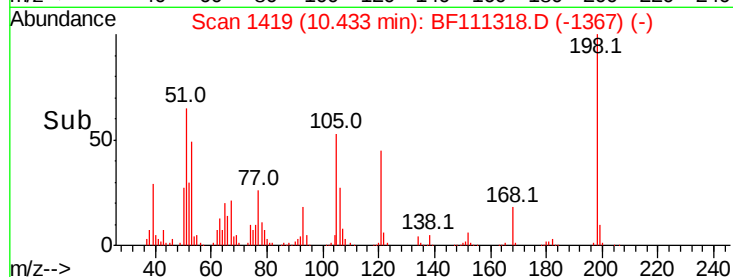
Tot Ion	Ratio	Resp	Lower	Upper
198	100	372138		
51	64.8	48.0	88.0	
105	52.8	34.0	74.0	

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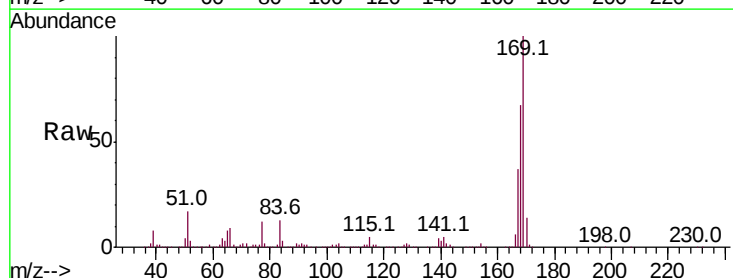


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

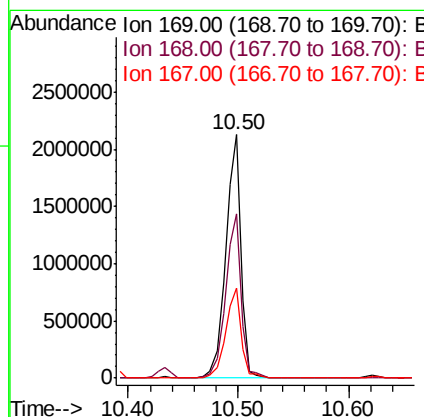
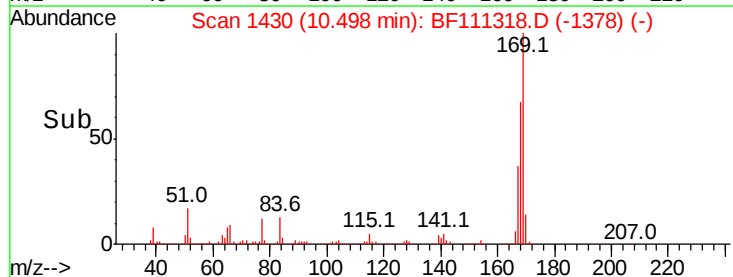


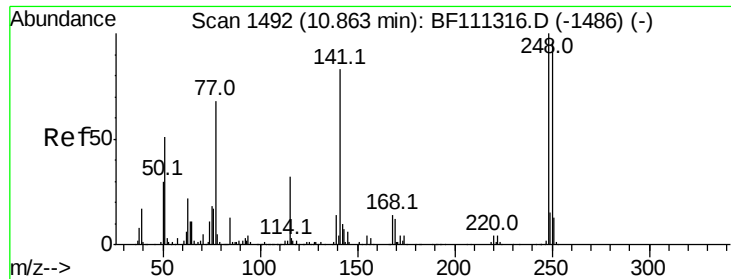
#66
n-Nitrosodiphenylamine
Concen: 58.717 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2042781		
168	67.3	54.4	81.6	
167	37.2	30.5	45.7	



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





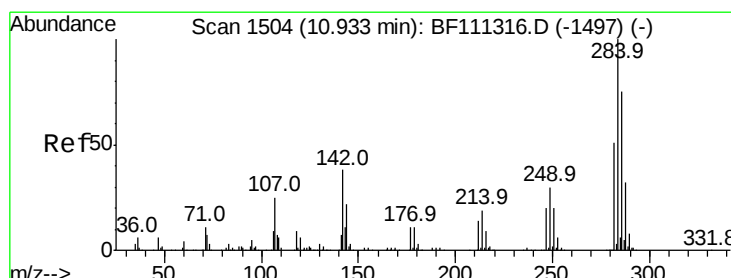
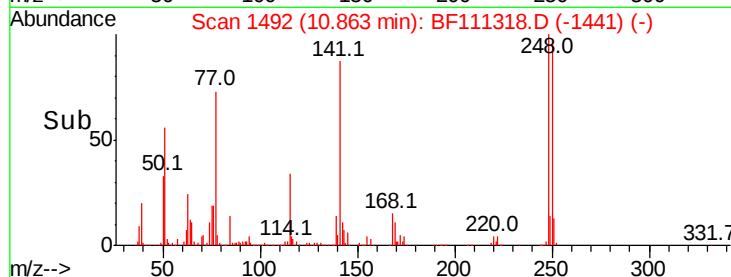
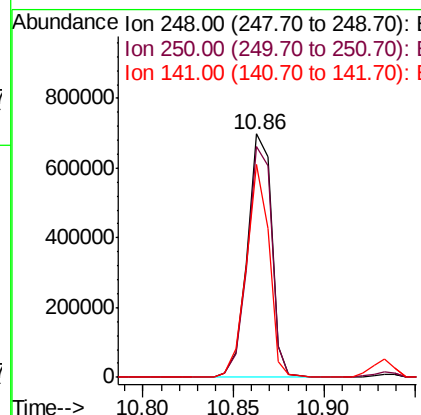
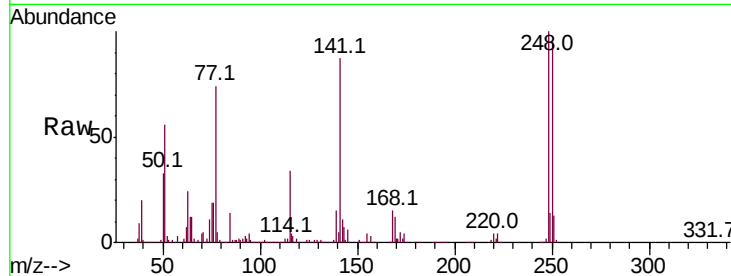
#67
4-Bromophenyl-phenylether
Concen: 58.371 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.0	77.0	115.4
141	87.3	63.0	94.6

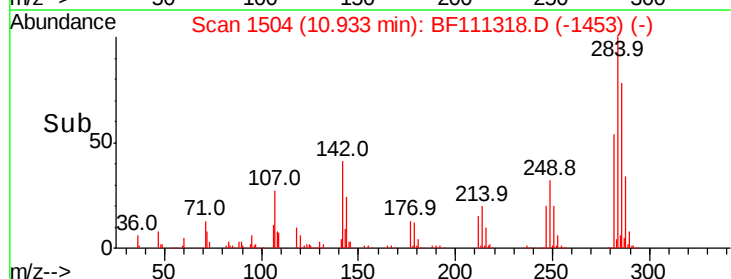
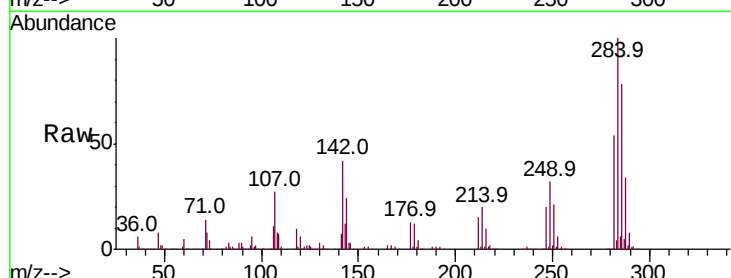
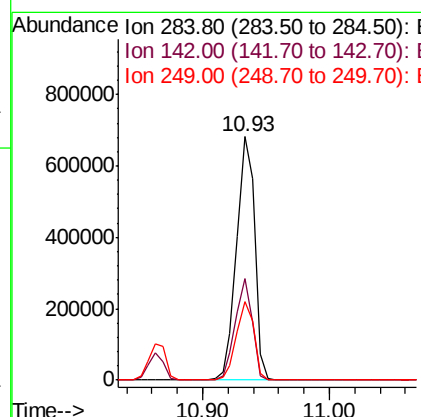
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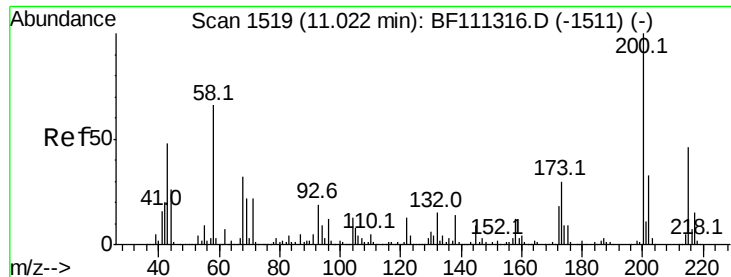
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#68
Hexachlorobenzene
Concen: 58.812 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.6	27.4	41.2#
249	32.2	24.4	36.6





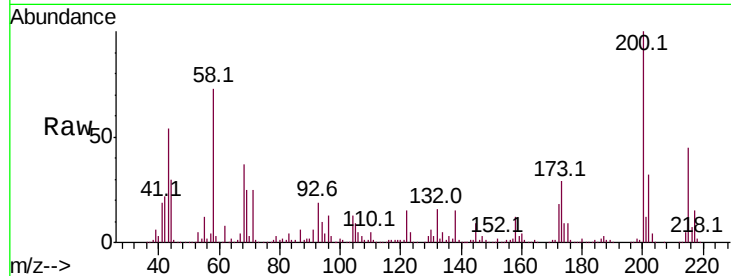
#69
Atrazine
Concen: 54.779 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.4	10.1	50.1
215	45.1	26.9	66.9

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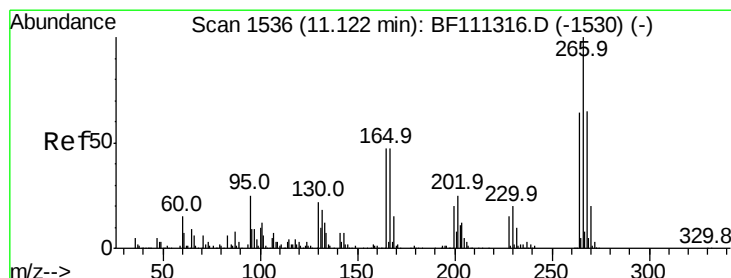
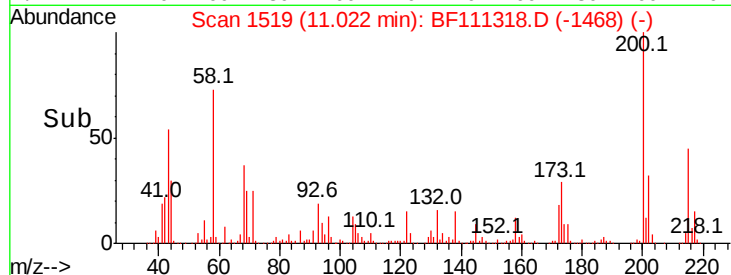
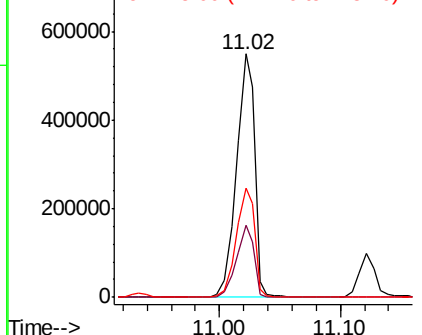


Abundance

Ion 200.00 (199.70 to 200.70): E

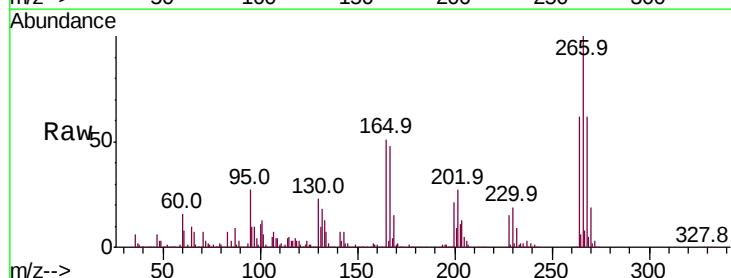
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 59.151 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.8	47.9	71.9
264	62.3	49.1	73.7

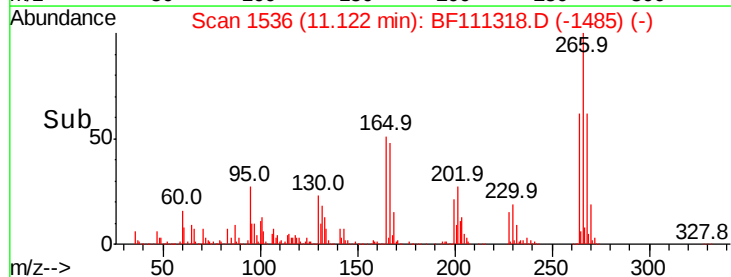
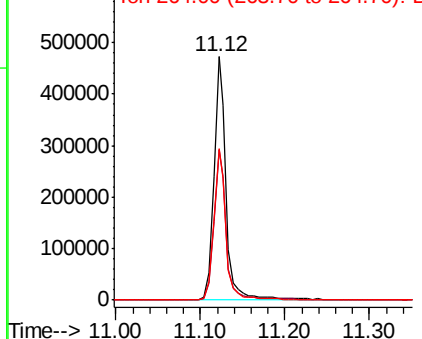


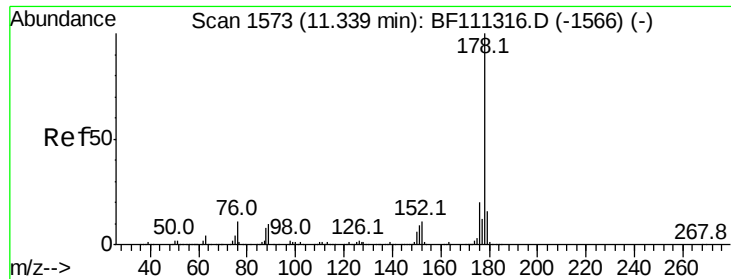
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 56.350 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

ClientSampled :

SSTDICC060

Tot Ion:178 Resp: 2904834

Ion Ratio Lower Upper

178 100

176 21.1 18.1 27.1

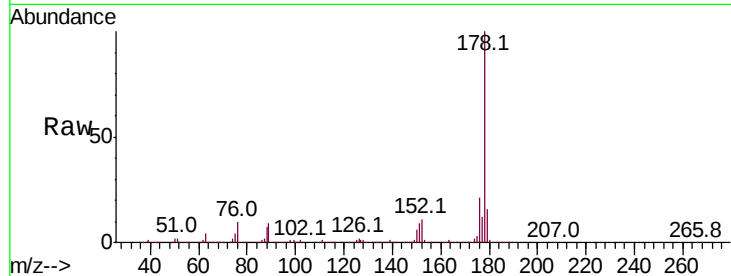
179 16.5 14.0 21.0

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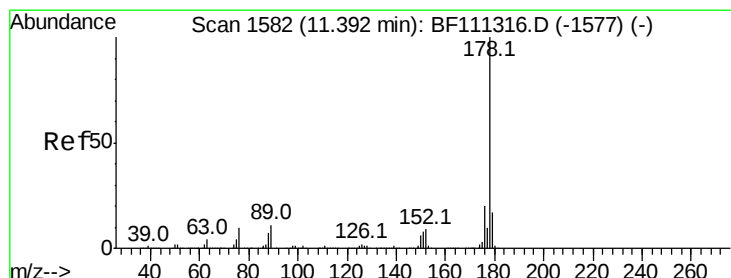
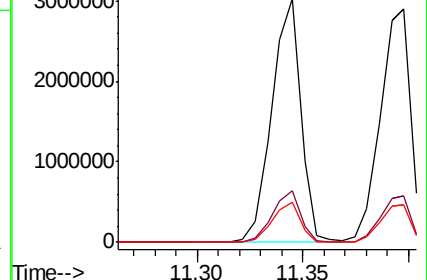
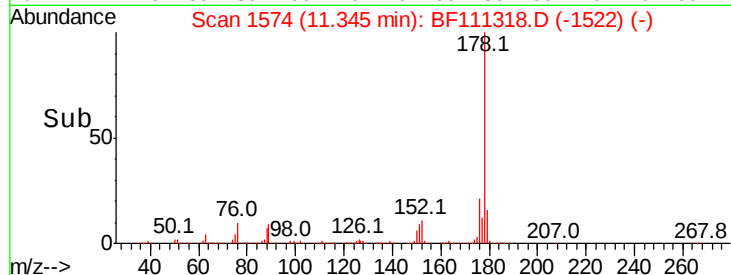
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 54.809 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

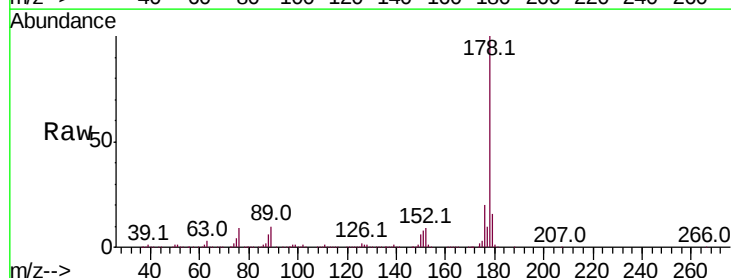
Tgt Ion:178 Resp: 2955951

Ion Ratio Lower Upper

178 100

176 20.2 17.2 25.8

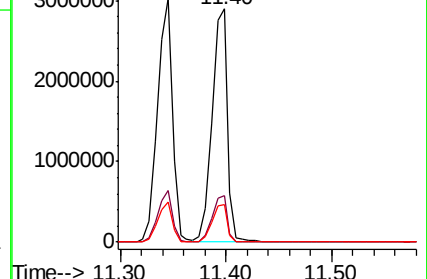
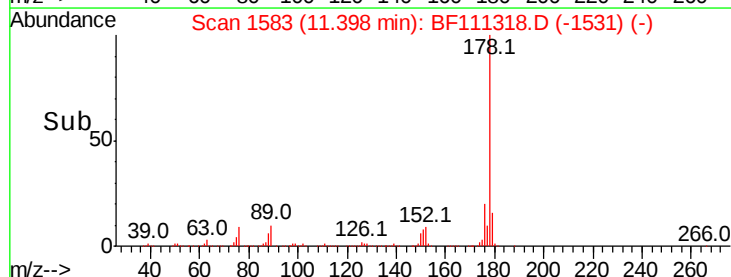
179 16.3 13.8 20.8

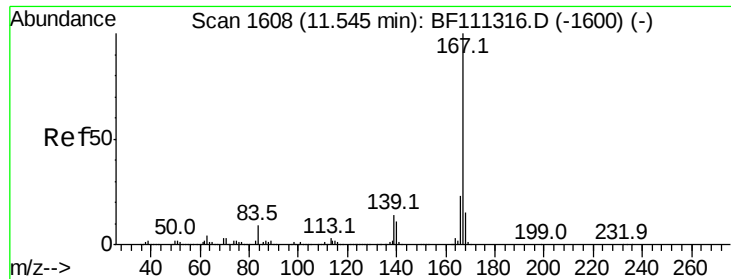


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





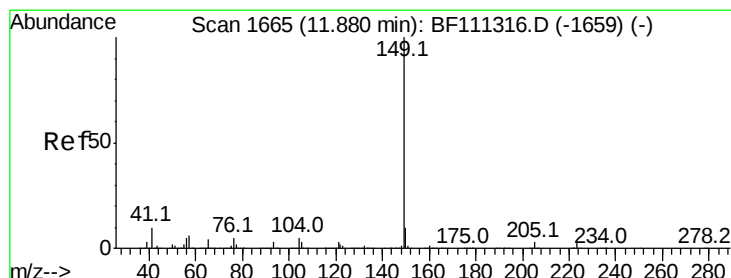
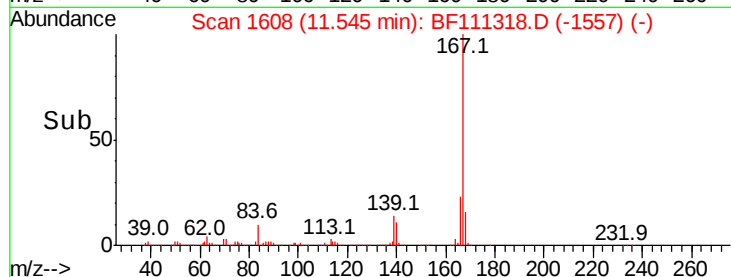
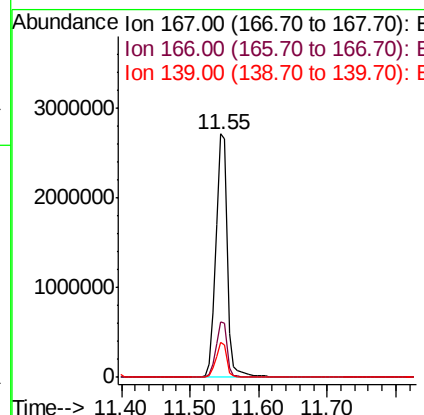
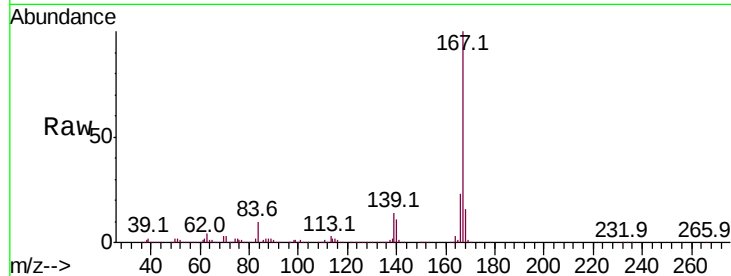
#73
 Carbazole
 Concen: 55.694 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BF111318.D
 Acq: 12 Dec 2018 12:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	19.3	28.9
139	14.3	11.9	17.9

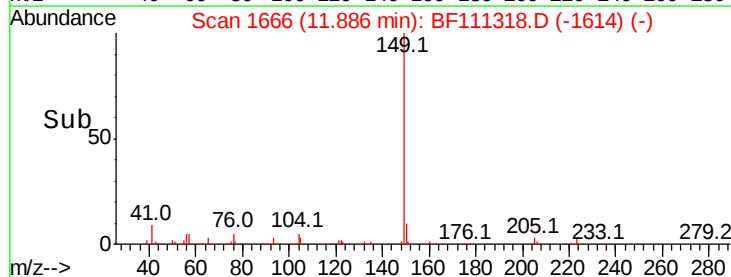
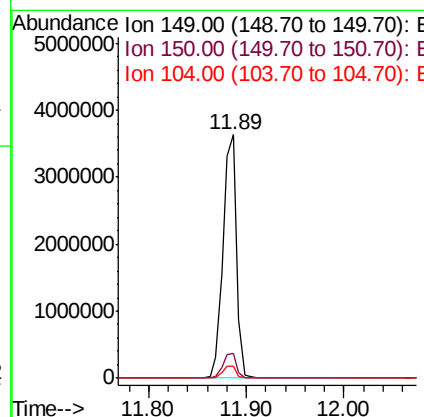
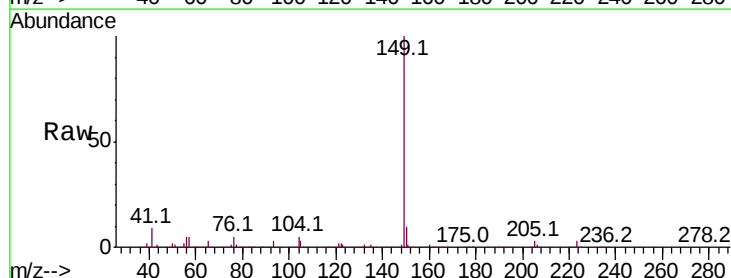
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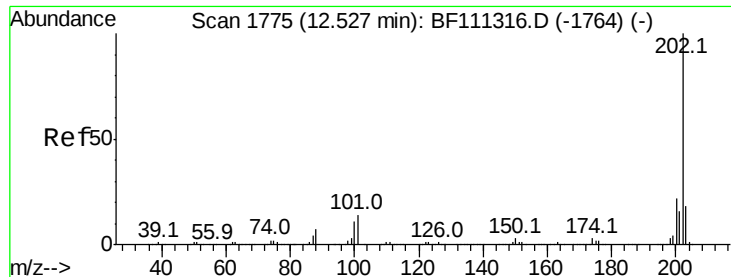
Sohil
 12/13/2018 6:05:56 PM



#74
 Di-n-butylphthalate
 Concen: 59.870 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.01 min
 Lab File: BF111318.D
 Acq: 12 Dec 2018 12:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.8	13.2
104	5.0	4.5	6.7





#75

Fluoranthene

Concen: 60.696 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

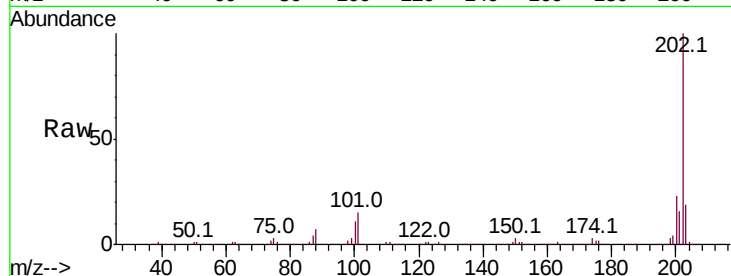
ClientSampleId :

SSTDICC060

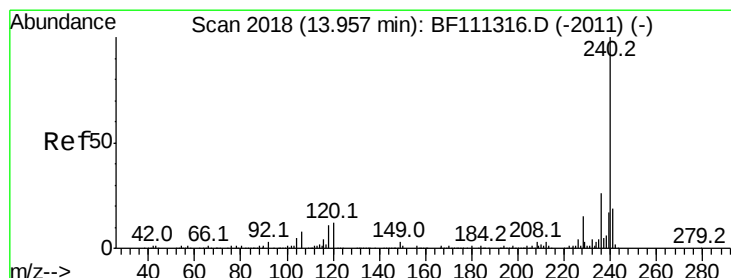
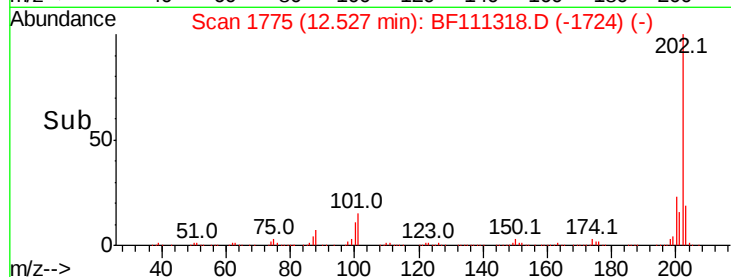
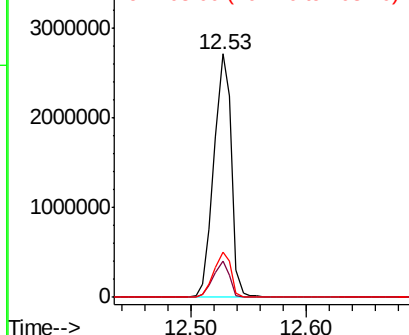
Tot Ion:	202	Resp:	2858192
Ion Ratio	Lower	Upper	
202	100		
101	15.0	0.0	33.8
203	18.6	0.0	38.6

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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

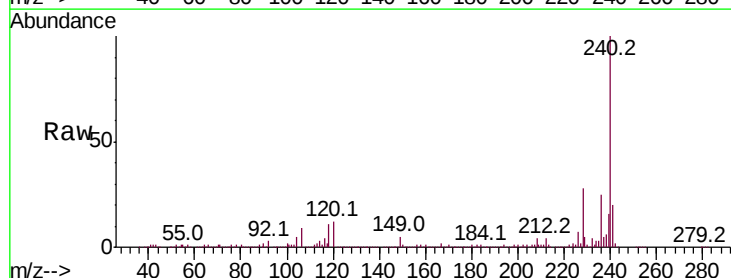
RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

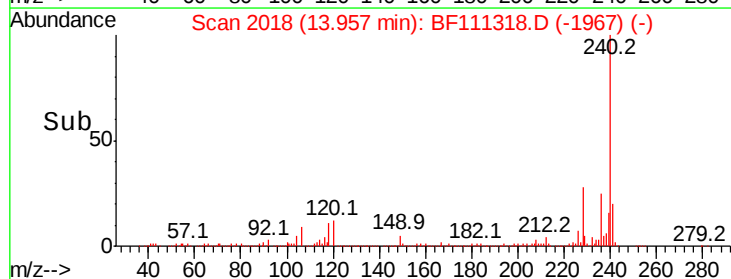
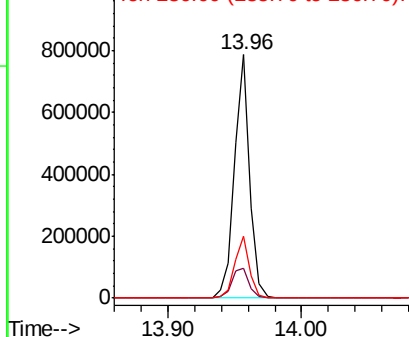
Lab File: BF111318.D

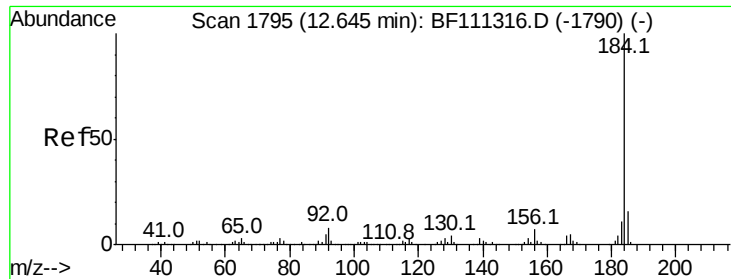
Acq: 12 Dec 2018 12:05

Tgt Ion:	240	Resp:	627097
Ion Ratio	Lower	Upper	
240	100		
120	12.2	12.2	18.2
236	25.2	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: 42.374 ng

RT: 12.65 min Scan# 1795

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

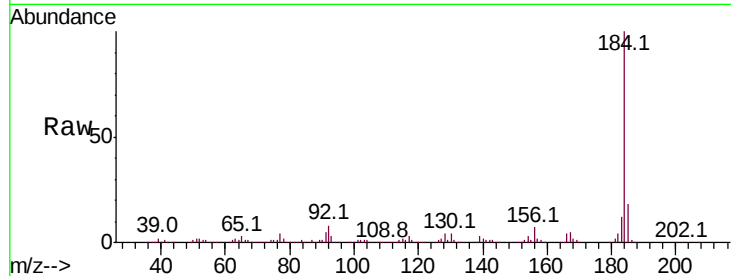
ClientSampleId :

SSTDICC060

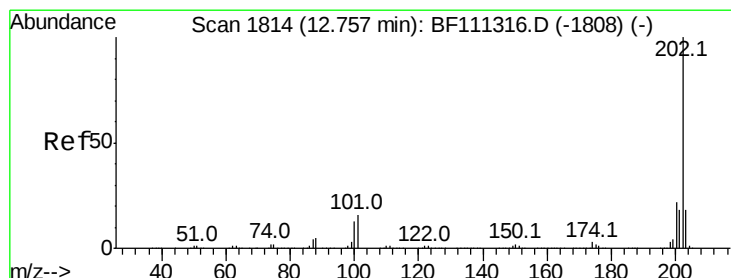
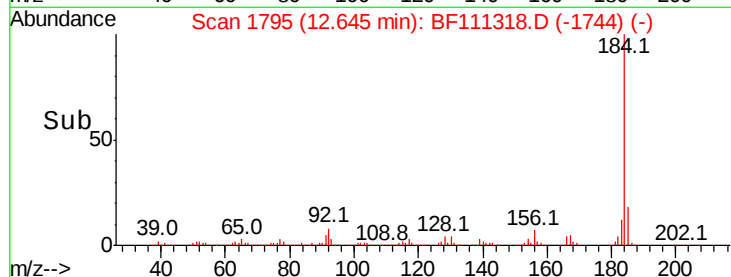
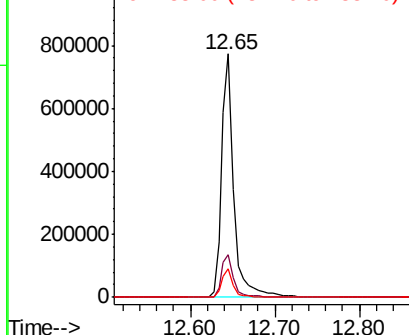
Tot Ion:	184	Resp:	789004
Ion Ratio	Lower	Upper	
184	100		
185	17.5	13.0	19.6
183	11.7	9.3	13.9

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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: 64.725 ng

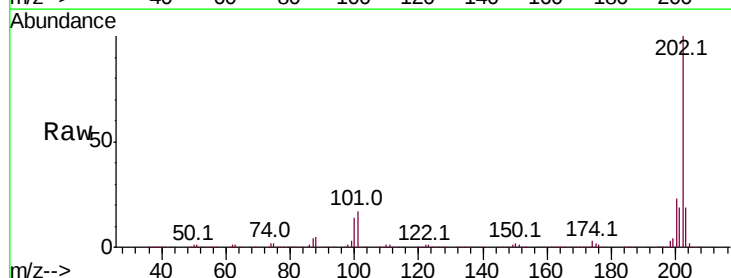
RT: 12.76 min Scan# 1814

Delta R.T. -0.00 min

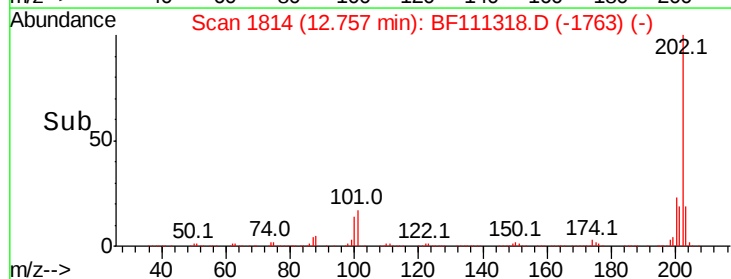
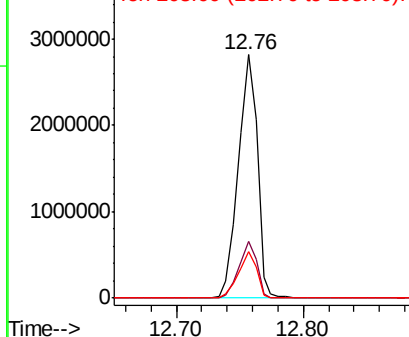
Lab File: BF111318.D

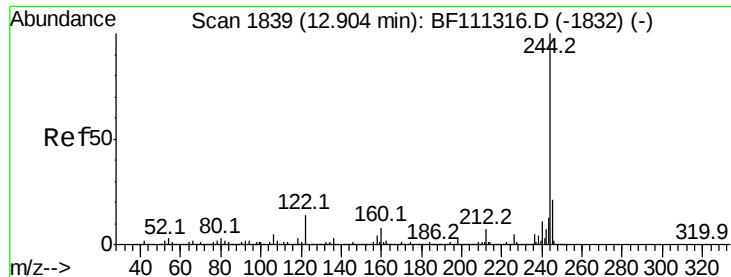
Acq: 12 Dec 2018 12:05

Tgt Ion:	202	Resp:	2900501
Ion Ratio	Lower	Upper	
202	100		
200	23.2	19.0	28.4
203	18.9	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





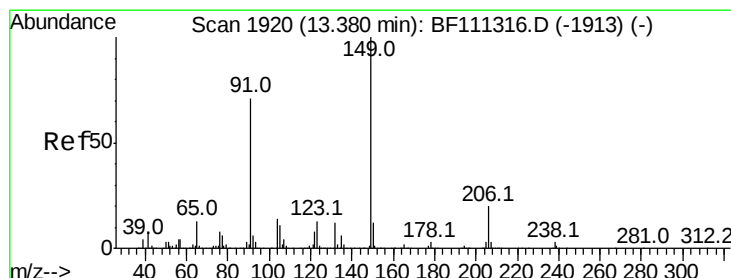
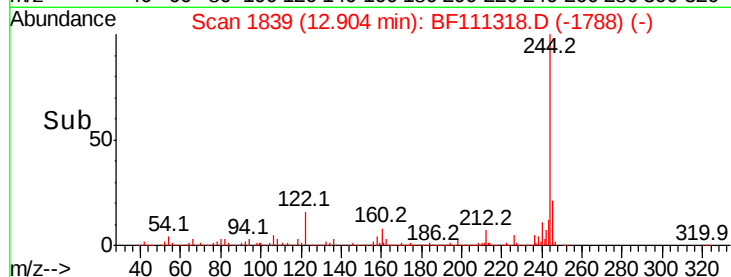
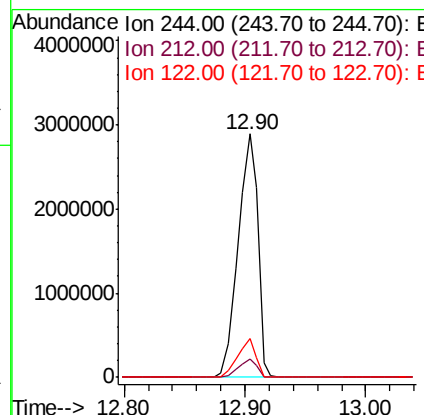
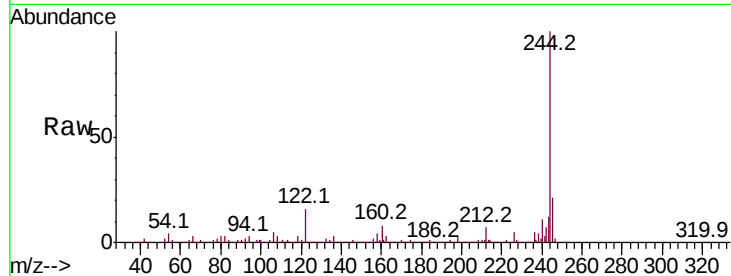
#79
 Terphenyl-d14
 Concen: 126.103 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BF111318.D
 Acq: 12 Dec 2018 12:05

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	15.9	13.1	19.7

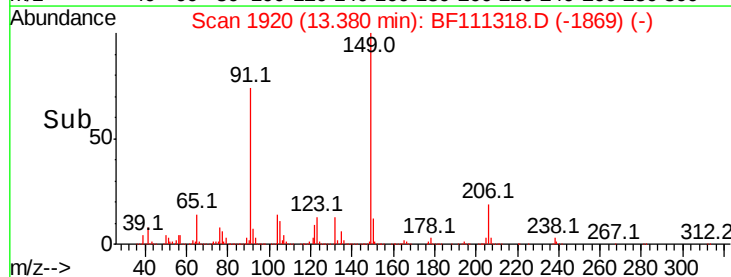
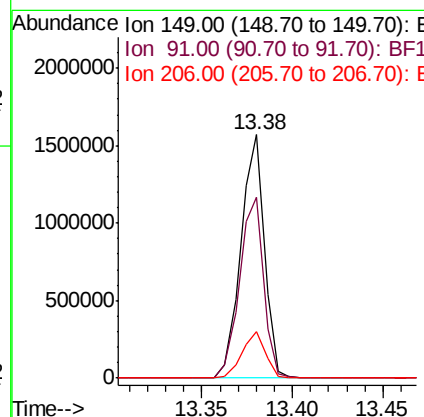
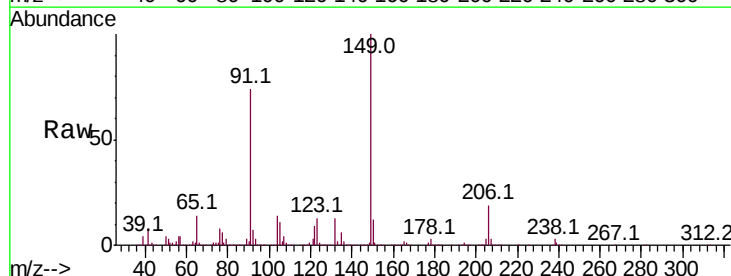
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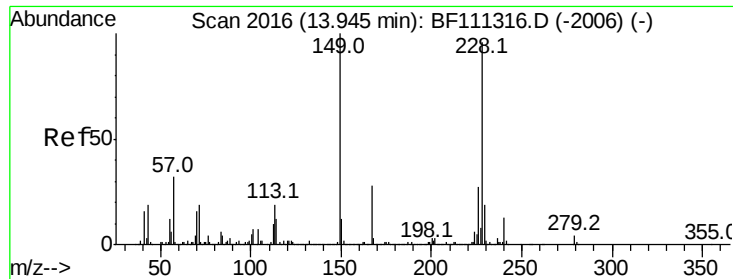
Sohil
 12/13/2018 6:05:56 PM



#80
 Butylbenzylphthalate
 Concen: 60.527 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: BF111318.D
 Acq: 12 Dec 2018 12:05

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.2	63.8	95.6
206	19.2	15.1	22.7





#81

Benzo(a)anthracene

Concen: 57.046 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Instrument :

BNA_F

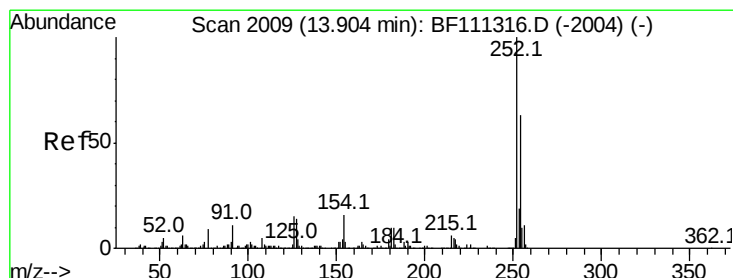
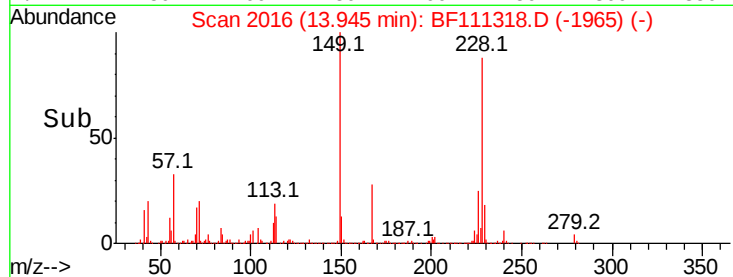
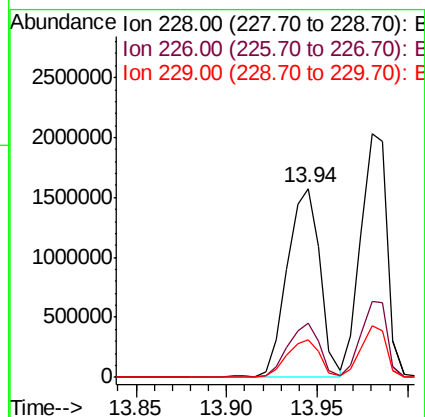
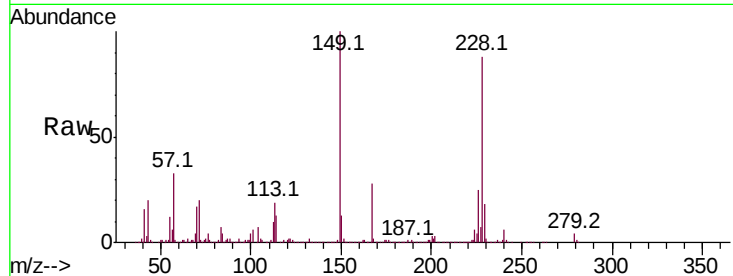
ClientSampled :

SSTDICC060

Tot Ion:	228	Resp:	1995793
Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	34.0
229	20.2	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 51.255 ng

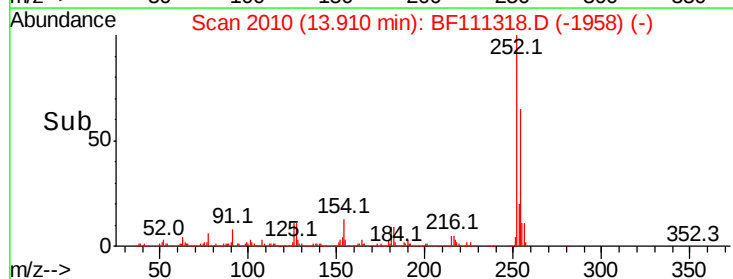
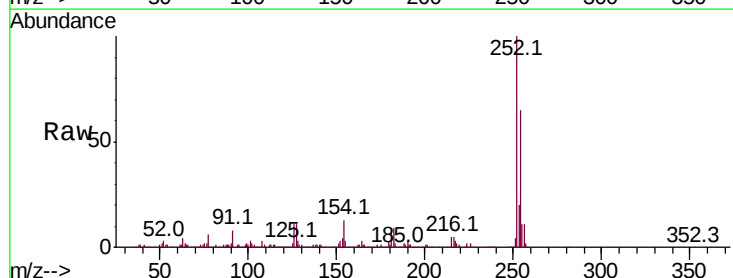
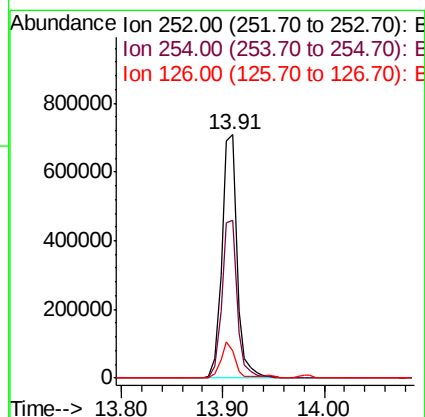
RT: 13.91 min Scan# 2010

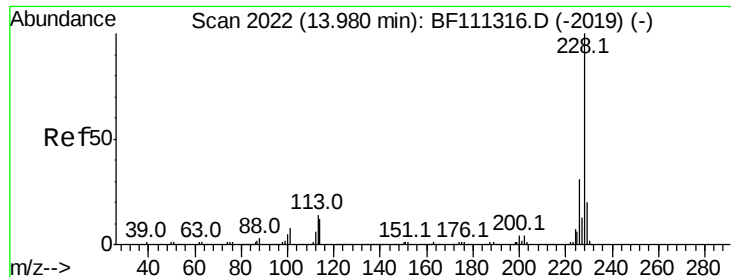
Delta R.T. 0.01 min

Lab File: BF111318.D

Acq: 12 Dec 2018 12:05

Tgt Ion:	252	Resp:	734977
Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.7	79.1
126	11.3	11.1	16.7





#83
 Chrysene
 Concen: 57.527 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF111318.D
 Acq: 12 Dec 2018 12:05

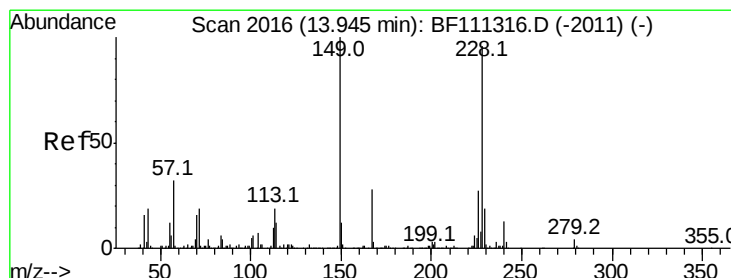
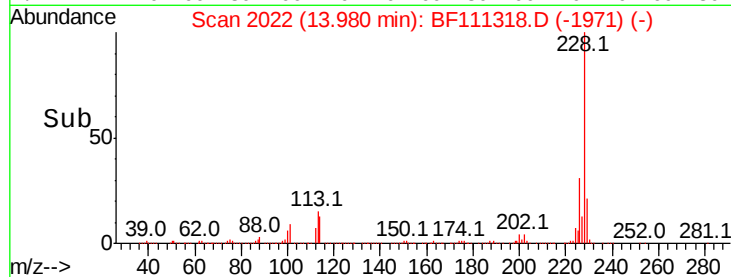
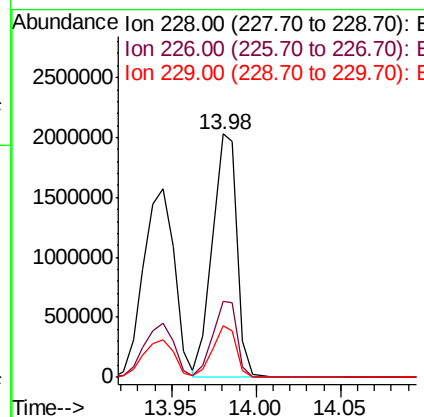
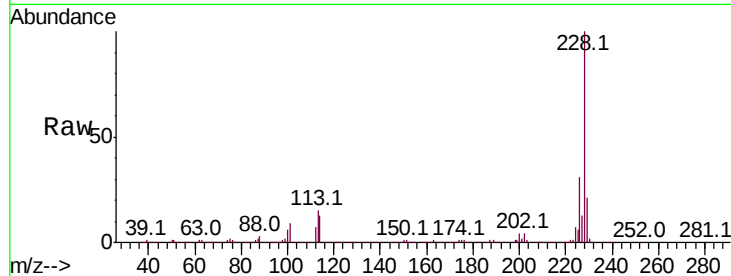
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:228 Resp: 2074848

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.3	37.9
229	21.2	17.2	25.8

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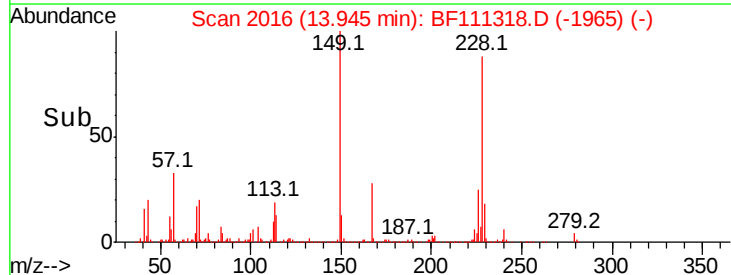
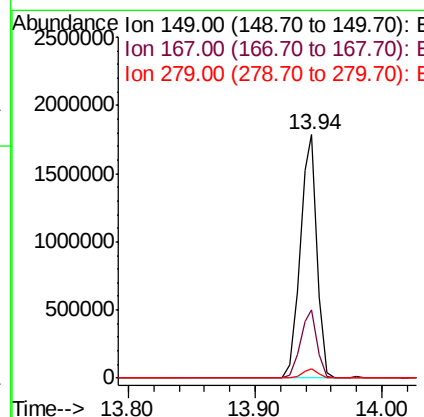
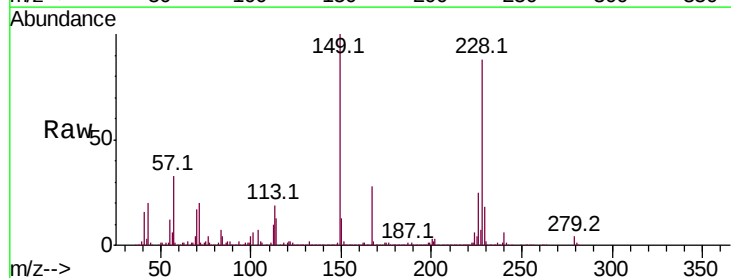
Sohil
 12/13/2018 6:05:56 PM

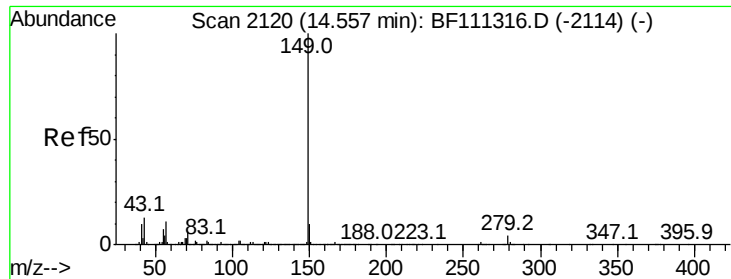


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 59.779 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF111318.D
 Acq: 12 Dec 2018 12:05

Tgt Ion:149 Resp: 1662633

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.5	33.7
279	3.6	2.6	4.0





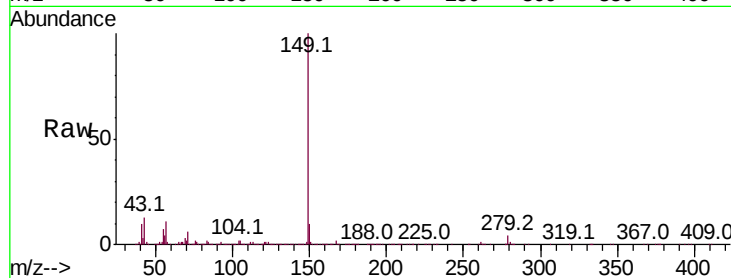
#85
Di-n-octyl phthalate
Concen: 58.782 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.8	10.9	16.3

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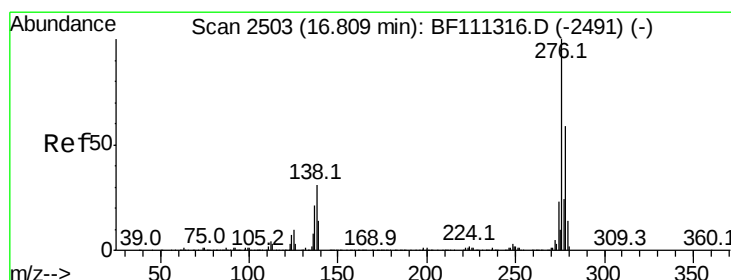
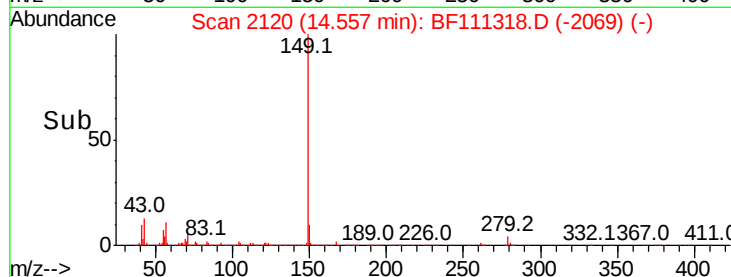
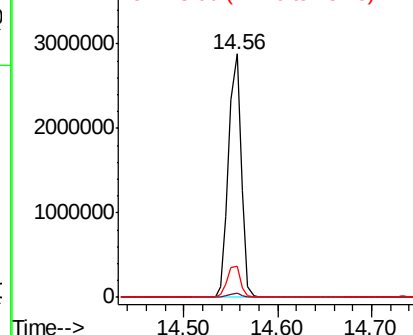


Abundance

Ion 149.00 (148.70 to 149.70): E

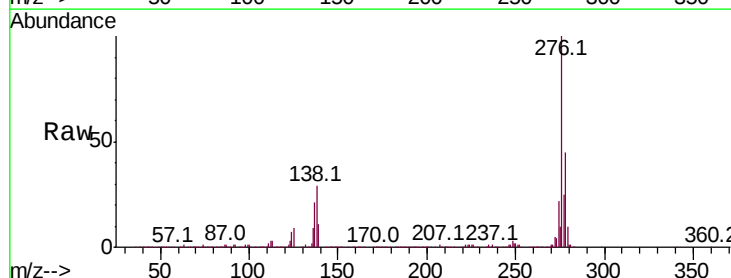
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 60.809 ng
RT: 16.81 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.2	27.8	41.6
277	25.2	20.1	30.1

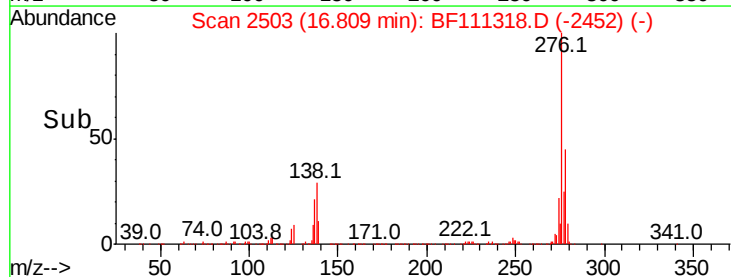
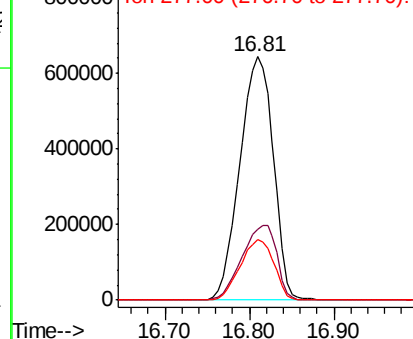


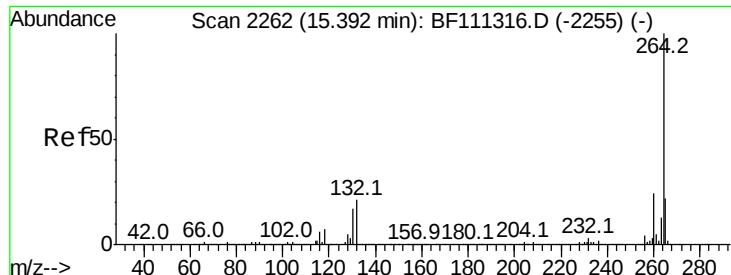
Abundance

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





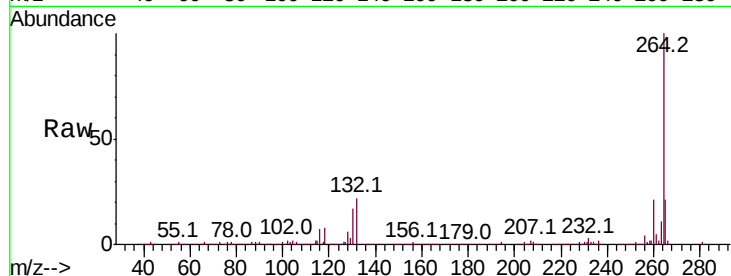
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.3	27.5
265	21.2	17.7	26.5

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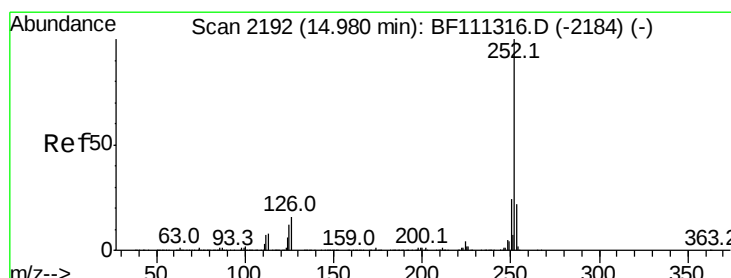
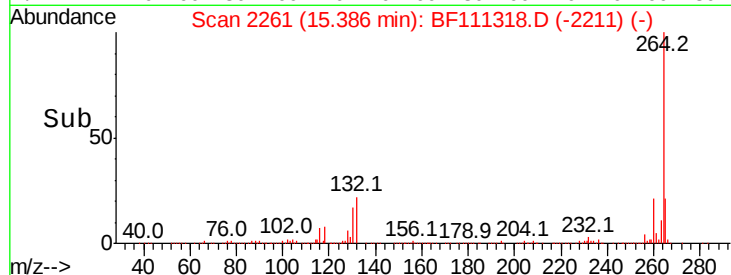
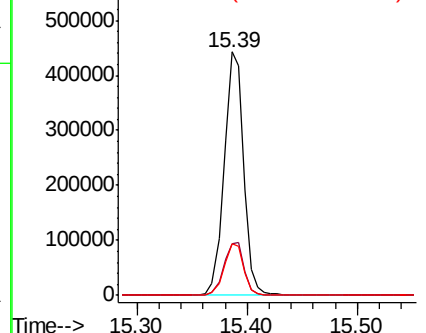


Abundance

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: 58.817 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

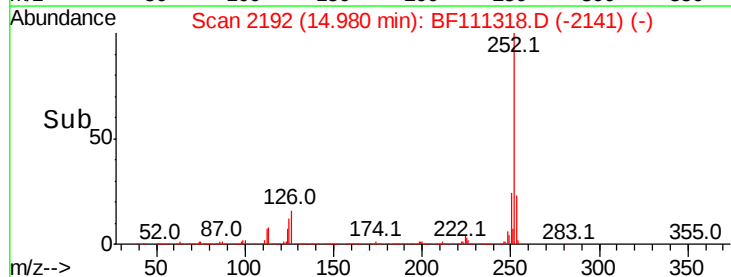
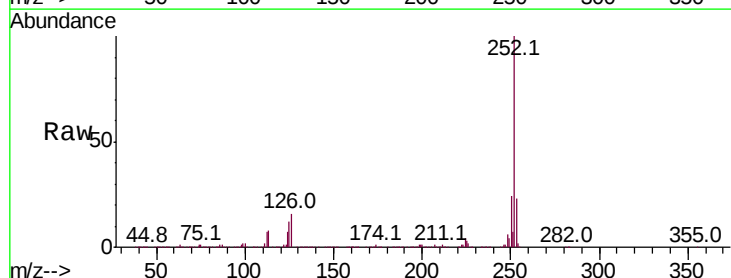
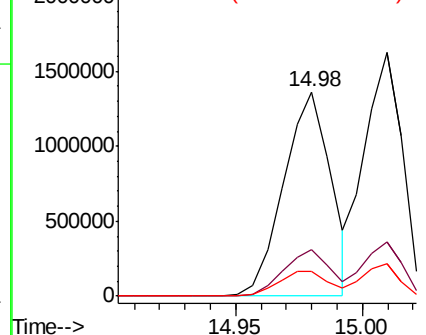
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	12.1	10.4	15.6

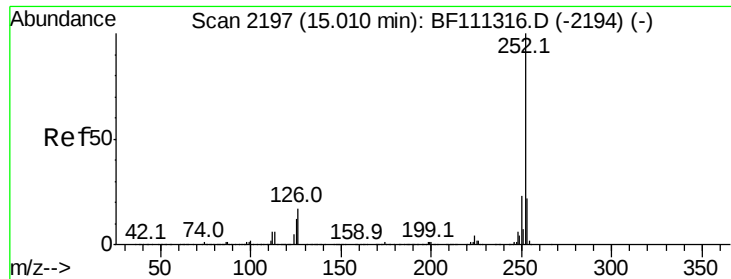
Abundance

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





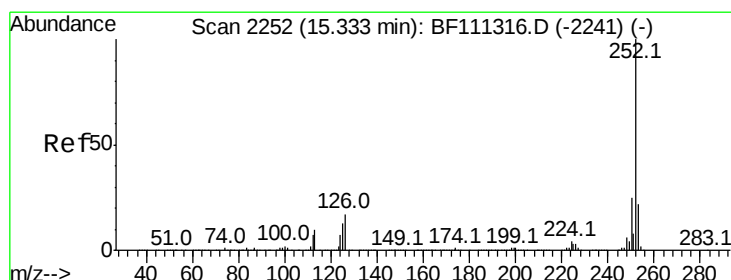
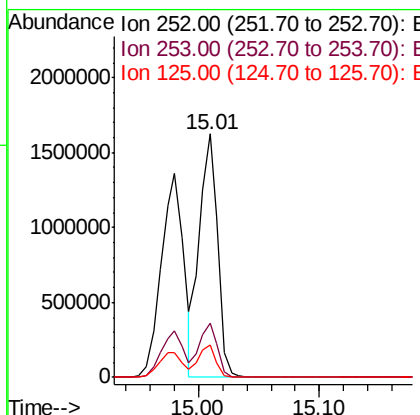
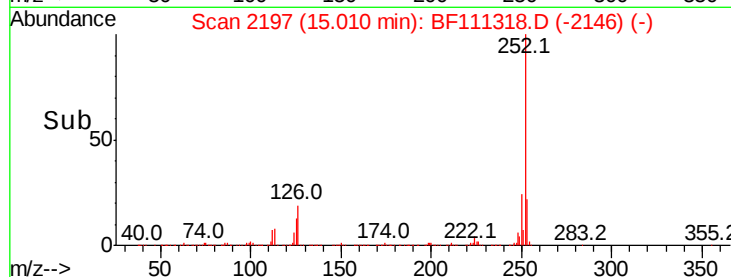
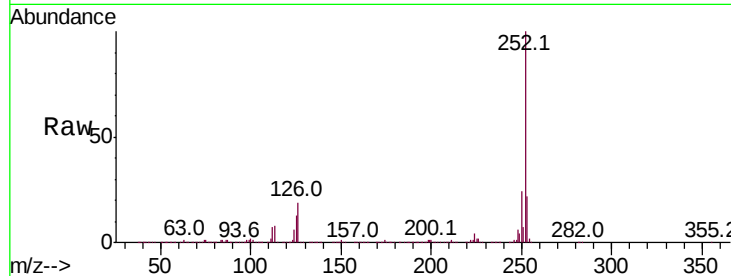
#89
Benzo(k)fluoranthene
Concen: 60.682 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:252 Resp: 1709319
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 13.2 9.8 14.8

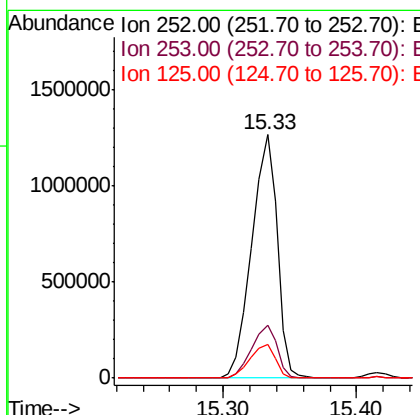
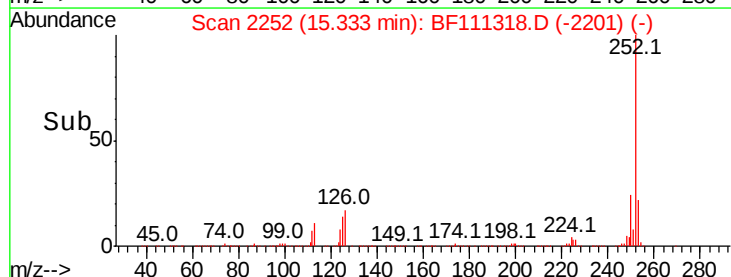
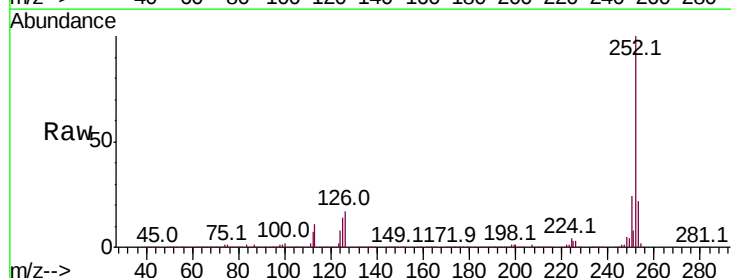
Manual Integrations
APPROVED

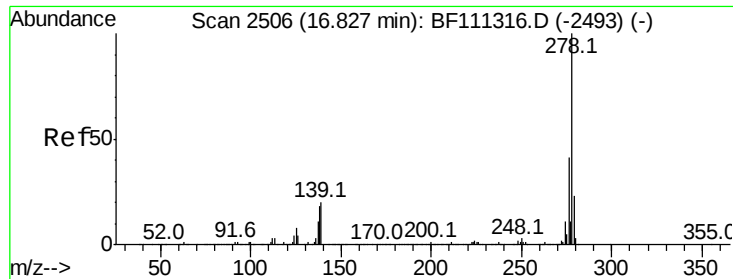
Sohil
12/13/2018 6:05:56 PM



#90
Benzo(a)pyrene
Concen: 60.117 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion:252 Resp: 1658616
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 13.9 12.3 18.5





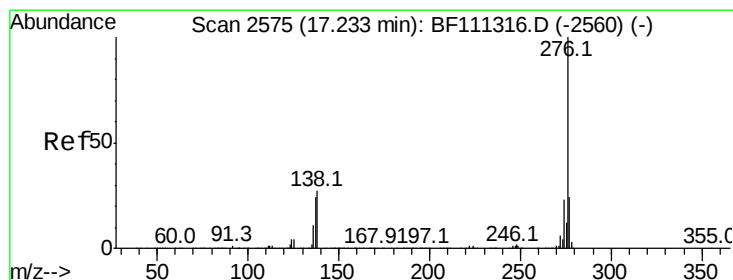
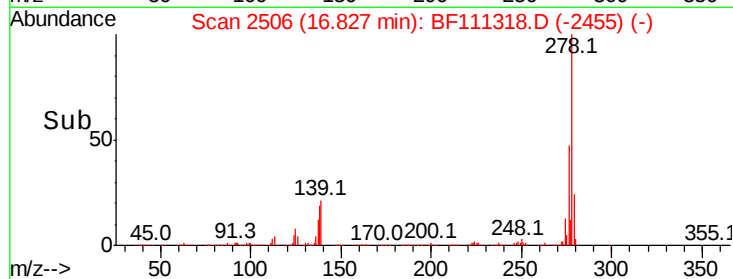
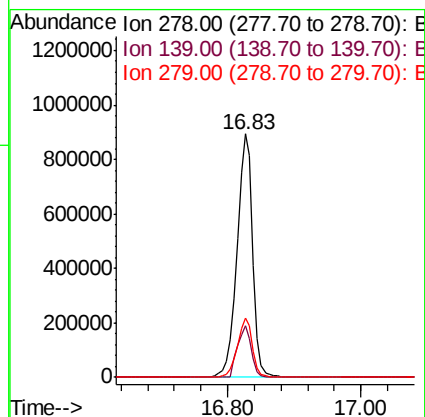
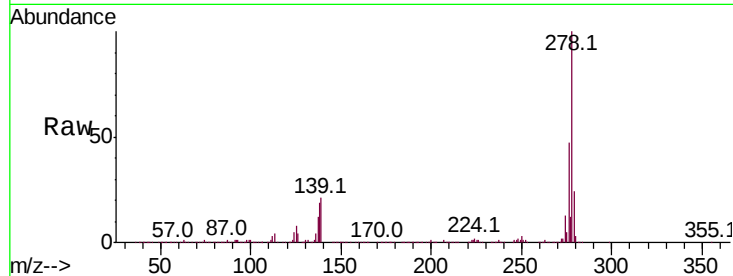
#91
Dibenzo(a,h)anthracene
Concen: 67.818 ng
RT: 16.83 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.3	18.2	27.4
279	24.3	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/13/2018 6:05:56 PM



#92
Benzo(g,h,i)perylene
Concen: 69.534 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BF111318.D
Acq: 12 Dec 2018 12:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	28.6	24.9	37.3

