

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111359.D
 Acq On : 13 Dec 2018 9:51
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 12/14/2018 12:37:00 PM

Quant Time: Dec 14 10:07:17 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 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	283870	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1189081	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	547667	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	940608	20.00	ng	0.00
76) Chrysene-d12	13.96	240	612853	20.00	ng	0.00
87) Perylene-d12	15.39	264	517628	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1390860	82.85	ng	0.00
7) Phenol-d6	6.43	99	1833350	81.00	ng	0.00
23) Nitrobenzene-d5	7.36	82	1729739	81.99	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	389289	80.64	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2854505	83.68	ng	0.00
79) Terphenyl-d14	12.90	244	2298935	82.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	332948	39.707	ng	98
3) Pyridine	3.24	79	883184	42.876	ng	96
4) n-Nitrosodimethylamine	3.19	42	399249	41.549	ng	90
6) Aniline	6.46	93	1191485	43.515	ng	98
8) 2-Chlorophenol	6.59	128	823375	39.905	ng	95
9) Benzaldehyde	6.34	77	509050	39.248	ng	98
10) Phenol	6.45	94	1043416	40.697	ng	89
11) bis(2-Chloroethyl)ether	6.53	93	800112	39.668	ng	98
12) 1,3-Dichlorobenzene	6.74	146	888388	39.773	ng	99
13) 1,4-Dichlorobenzene	6.82	146	901955	39.889	ng	98
14) 1,2-Dichlorobenzene	6.97	146	839549	40.134	ng	98
15) Benzyl Alcohol	6.94	79	707323	40.813	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1564141	40.028	ng	100
17) 2-Methylphenol	7.05	107	681481	40.875	ng	97
18) Hexachloroethane	7.31	117	329644	39.268	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	587731	39.078	ng	94
20) 3+4-Methylphenols	7.21	107	786916	39.578	ng	97
22) Acetophenone	7.21	105	1074637	38.907	ng	# 97
24) Nitrobenzene	7.38	77	864800	39.797	ng	97
25) Isophorone	7.62	82	1408166	39.295	ng	100
26) 2-Nitrophenol	7.69	139	451387	42.260	ng	97
27) 2,4-Dimethylphenol	7.73	122	653626	40.312	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	970941	39.474	ng	99
29) 2,4-Dichlorophenol	7.94	162	680678	40.244	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	691130	39.768	ng	100
31) Naphthalene	8.10	128	2200853	39.726	ng	97
32) Benzoic acid	7.87	122	554634m	41.149	ng	
33) 4-Chloroaniline	8.15	127	993771	42.002	ng	99
34) Hexachlorobutadiene	8.22	225	383616	39.789	ng	97
35) Caprolactam	8.53	113	239197	40.360	ng	96
36) 4-Chloro-3-methylphenol	8.63	107	720159	39.956	ng	99
37) 2-Methylnaphthalene	8.79	142	1422973	39.734	ng	100
38) 1-Methylnaphthalene	8.89	142	1361735	39.397	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	603567	39.207	ng	99

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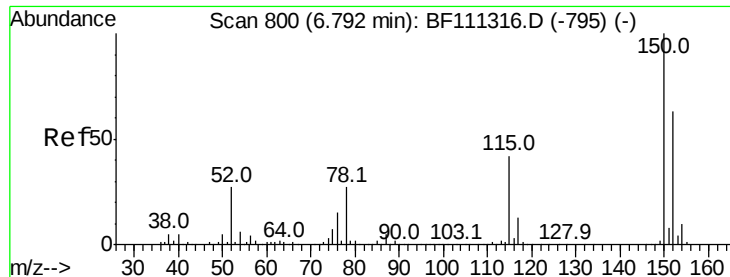
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	327219	40.706	nq	98
43) 2,4,6-Trichlorophenol	9.07	196	448072	40.665	nq	99
44) 2,4,5-Trichlorophenol	9.11	196	471358	40.478	nq	97
46) 1,1'-Biphenyl	9.26	154	1859516	39.794	nq	97
47) 2-Chloronaphthalene	9.28	162	1441517	40.281	nq	98
48) 2-Nitroaniline	9.37	65	481552	41.410	nq	94
49) Acenaphthylene	9.70	152	2074521	39.679	nq	97
50) Dimethylphthalate	9.56	163	1555135	39.487	nq	98
51) 2,6-Dinitrotoluene	9.62	165	359417	41.171	nq #	87
52) Acenaphthene	9.87	154	1328840	40.296	nq	98
53) 3-Nitroaniline	9.79	138	442784	42.198	nq	95
54) 2,4-Dinitrophenol	9.89	184	146909	42.894	nq #	81
55) Dibenzofuran	10.04	168	1901540	39.943	nq	98
56) 4-Nitrophenol	9.95	139	332025	43.939	nq	99
57) 2,4-Dinitrotoluene	10.02	165	467742	41.806	nq	99
58) Fluorene	10.39	166	1337221	39.266	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	357948	39.790	nq	99
60) Diethylphthalate	10.26	149	1549551	39.082	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	662321	39.230	nq	98
62) 4-Nitroaniline	10.40	138	424898	42.128	nq	99
63) Azobenzene	10.53	77	1571967	39.322	nq	96
65) 4,6-Dinitro-2-methylphenol	10.43	198	217000	40.185	nq	83
66) n-Nitrosodiphenylamine	10.49	169	1306095	39.036	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	412895	39.431	nq	97
68) Hexachlorobenzene	10.93	284	425334	39.447	nq #	93
69) Atrazine	11.02	200	380074	39.275	nq	99
70) Pentachlorophenol	11.13	266	298660	41.623	nq	95
71) Phenanthrene	11.35	178	1913504	39.358	nq	95
72) Anthracene	11.40	178	1938098	39.150	nq	96
73) Carbazole	11.55	167	2025955	39.579	nq	97
74) Di-n-butylphthalate	11.88	149	2249343	38.594	nq	97
75) Fluoranthene	12.53	202	1861947	39.230	nq	99
77) Benzidine	12.65	184	915946	79.196	nq	98
78) Pyrene	12.76	202	1922342	40.643	nq	98
80) Butylbenzylphthalate	13.38	149	898176	39.551	nq	92
81) Benzo(a)anthracene	13.95	228	1332236	38.852	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	540563	41.683	nq	99
83) Chrysene	13.99	228	1391228	39.767	nq	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	1065275	38.371	nq	98
85) Di-n-octyl phthalate	14.56	149	1706956	37.445	nq	99
86) Indeno(1,2,3-cd)pyrene	16.82	276	1141646	41.724	nq	97
88) Benzo(b)fluoranthene	14.98	252	1124353	38.199	nq	99
89) Benzo(k)fluoranthene	15.01	252	1163977	39.618	nq	99
90) Benzo(a)pyrene	15.33	252	1078309	39.346	nq	98
91) Dibenzo(a,h)anthracene	16.83	278	945079	41.448	nq	96
92) Benzo(g,h,i)perylene	17.24	276	959562	42.092	nq	96

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



#1

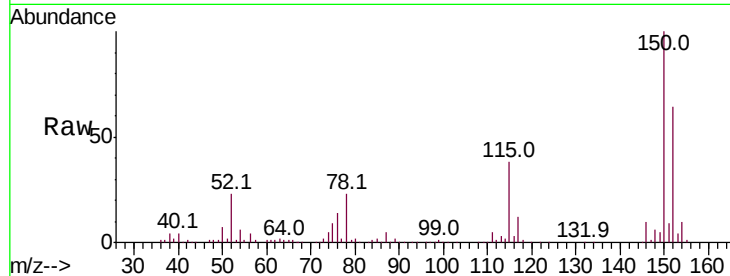
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.6	189.8
115	59.4	50.7	76.1

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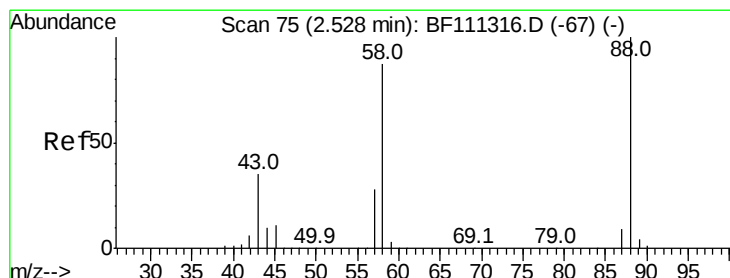
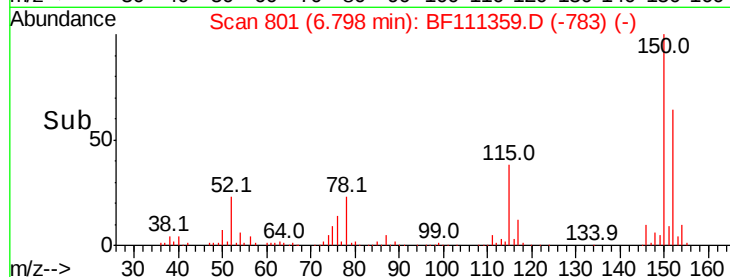
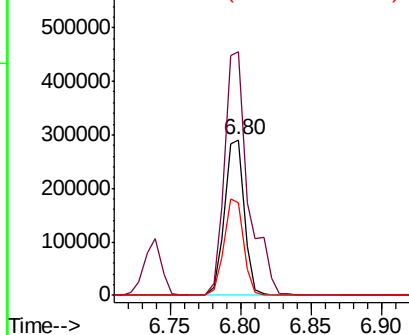


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

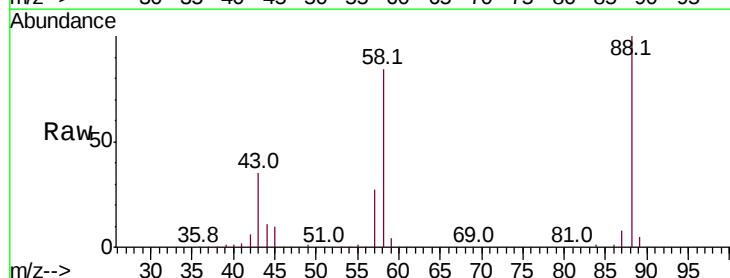
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.707 ng
RT: 2.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.8	68.9	103.3
43	34.8	25.8	38.6

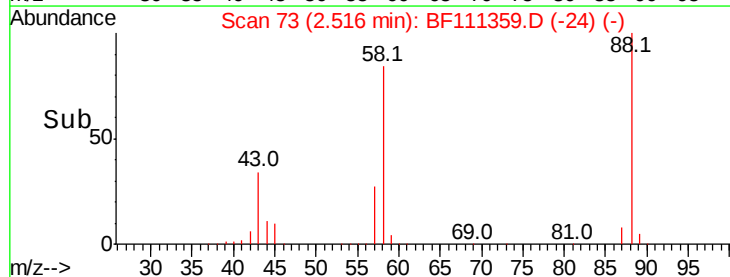
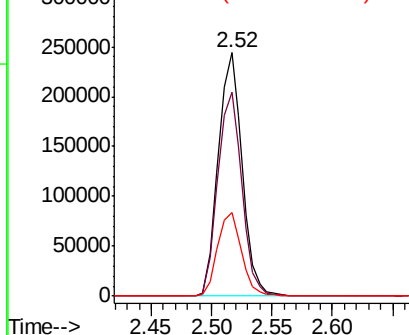


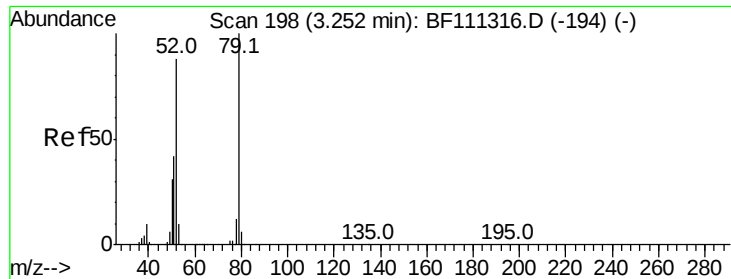
Abundance

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





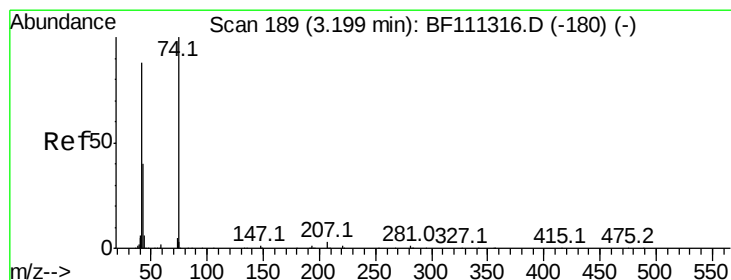
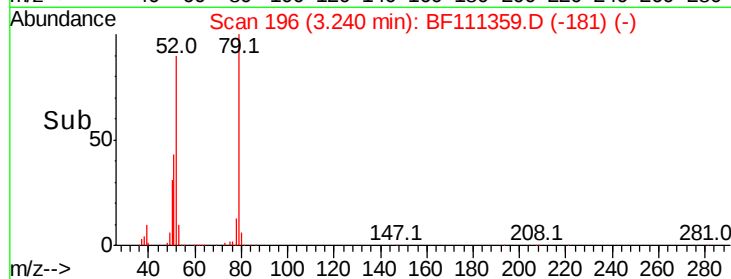
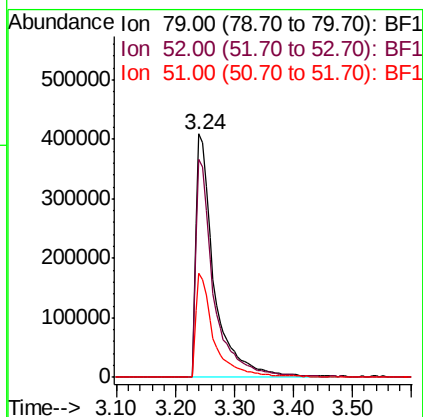
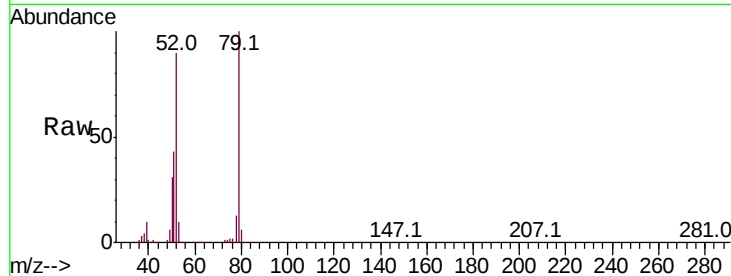
#3
 Pvridine
 Concen: 42.876 ng
 RT: 3.24 min Scan# 196
 Delta R.T. -0.01 min
 Lab File: BF111359.D
 Acq: 13 Dec 2018 9:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	89.8	68.3	102.5
51	42.6	32.6	49.0

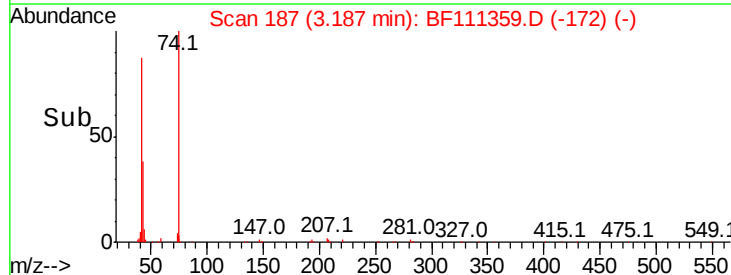
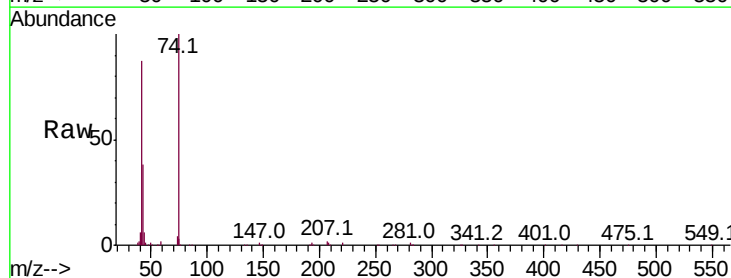
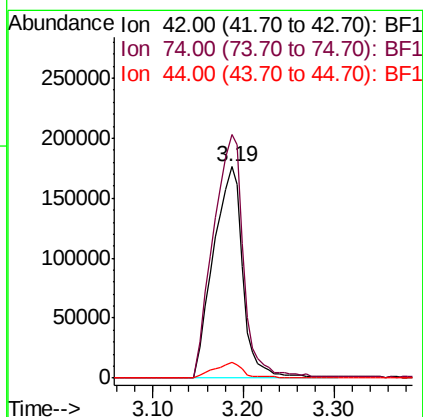
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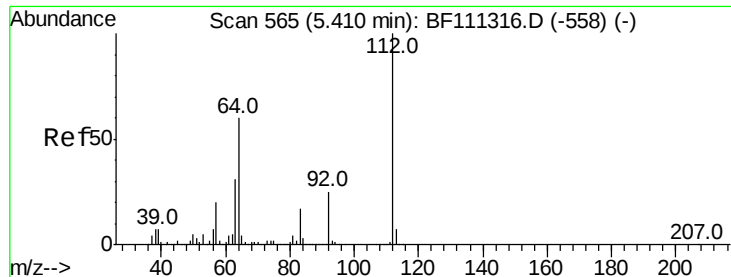
Sohil
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#4
 n-Nitrosodimethylamine
 Concen: 41.549 ng
 RT: 3.19 min Scan# 187
 Delta R.T. -0.01 min
 Lab File: BF111359.D
 Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Lower	Upper
42	100		
74	115.2	101.5	152.3
44	7.2	6.0	9.0





#5

2-Fluorophenol

Concen: 82.854 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 1390860

Ion Ratio Lower Upper

112 100

64 61.7 51.8 77.6

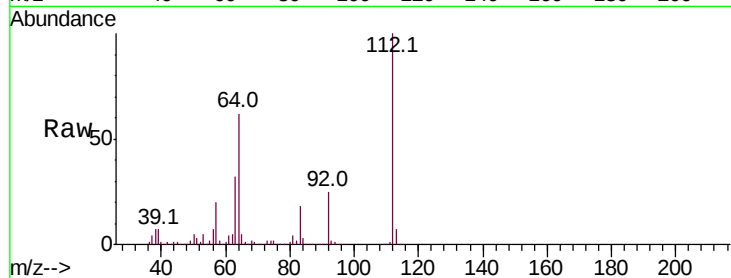
63 31.8 26.8 40.2

Manual Integrations

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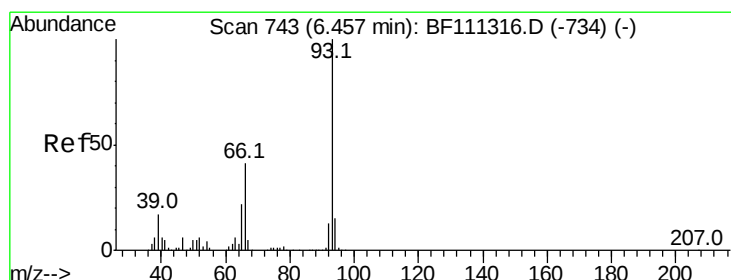
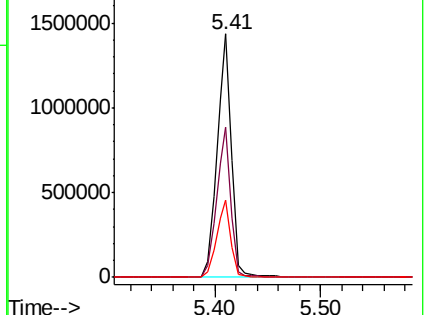
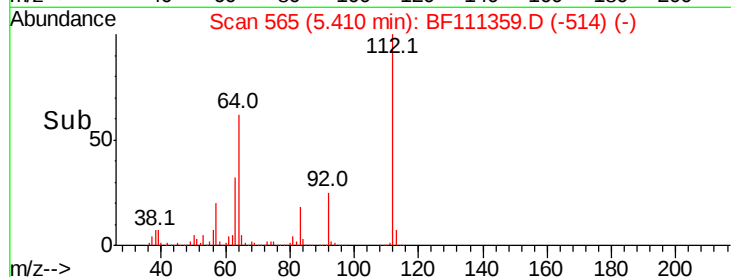
12/14/2018 12:37:00 PM



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: 43.515 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

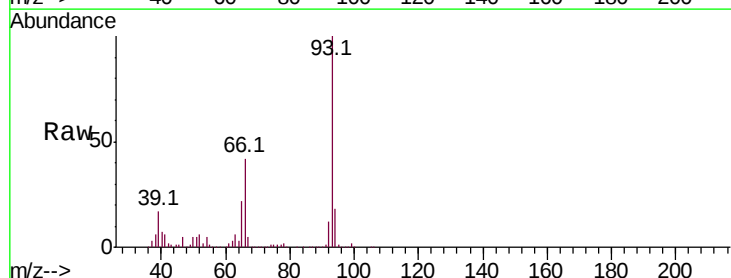
Tgt Ion: 93 Resp: 1191485

Ion Ratio Lower Upper

93 100

66 42.5 33.2 49.8

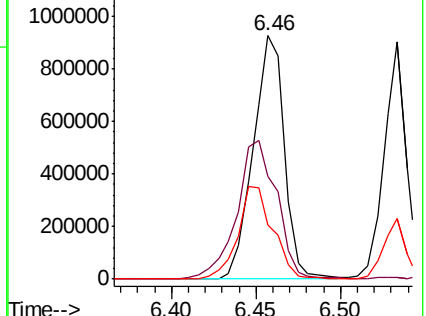
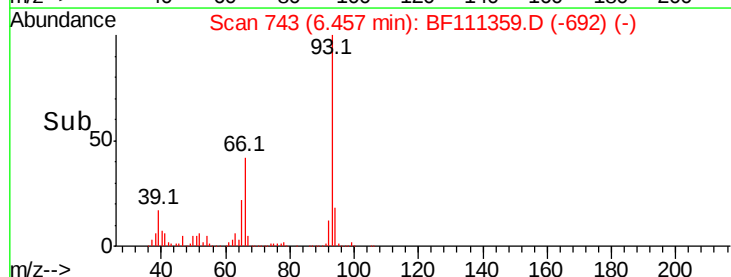
65 22.3 17.0 25.4

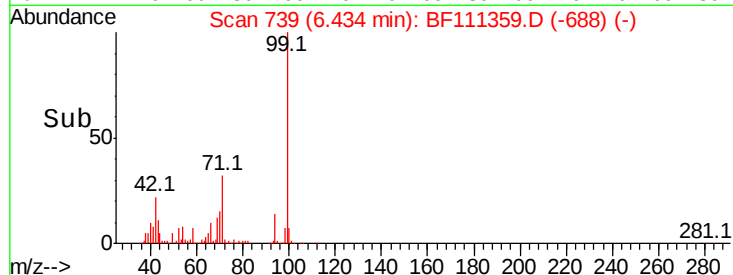
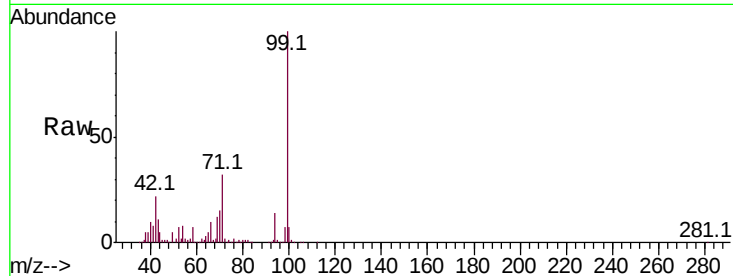
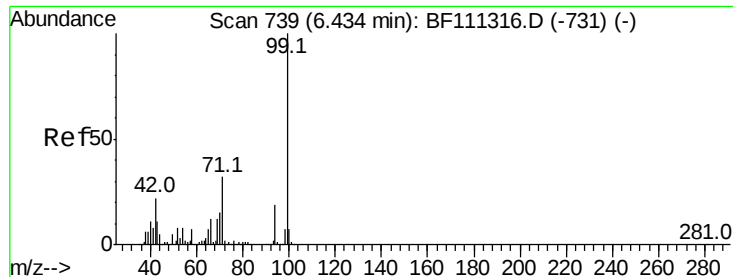


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.003 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Tot Ion: 99 Resp: 1833350

Ion Ratio Lower Upper

99 100

42 21.9 17.4 26.0

71 31.9 26.1 39.1

Instrument :

BNA_F

ClientSampleId :

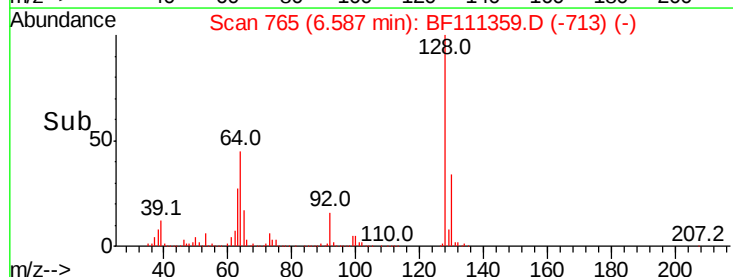
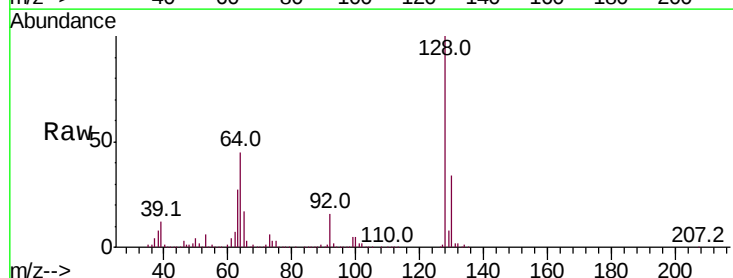
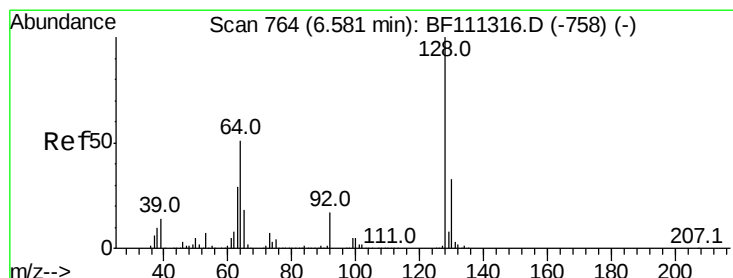
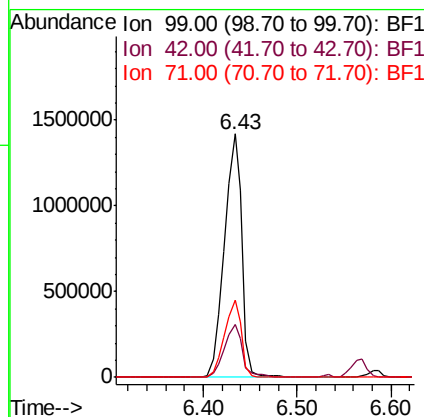
SSTDCCC040

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#8

2-Chlorophenol

Concen: 39.905 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

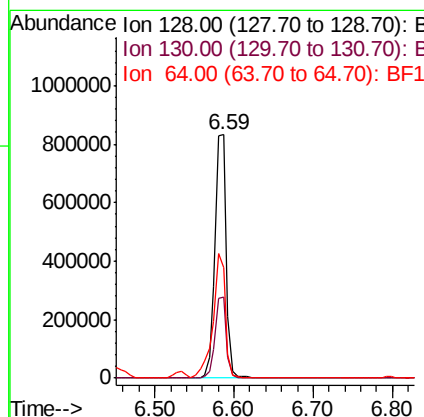
Tgt Ion:128 Resp: 823375

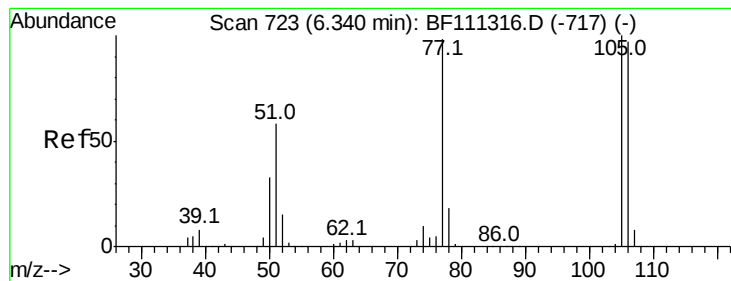
Ion Ratio Lower Upper

128 100

130 33.5 12.7 52.7

64 45.1 30.0 70.0





#9

Benzaldehyde

Concen: 39.248 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Instrument :

BNA_F

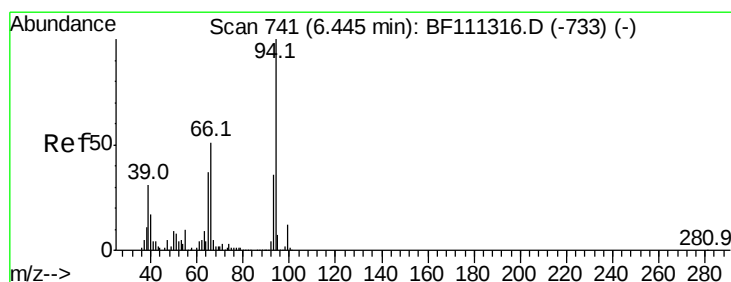
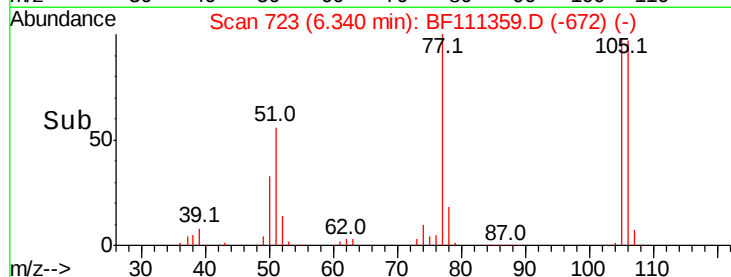
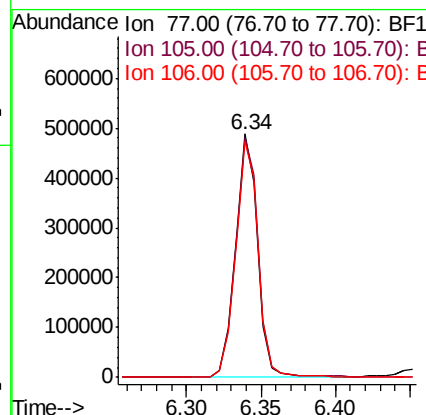
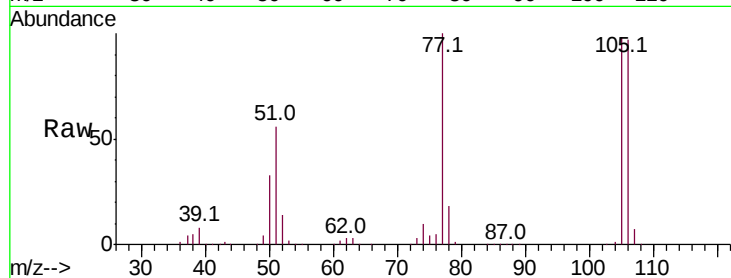
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	509050
Ion Ratio	Lower	Upper	
77	100		
105	98.3	81.4	121.4
106	96.7	77.9	117.9

Manual Integrations
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#10

Phenol

Concen: 40.697 ng

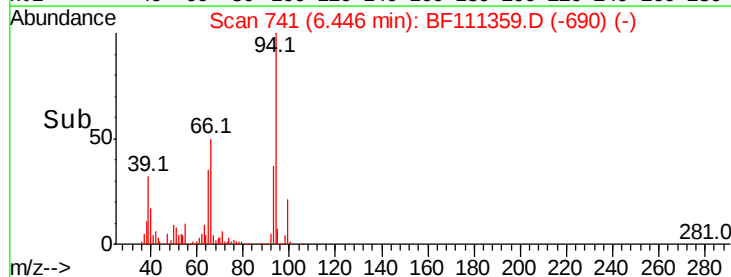
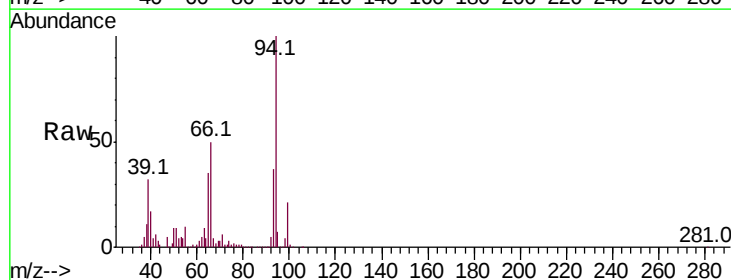
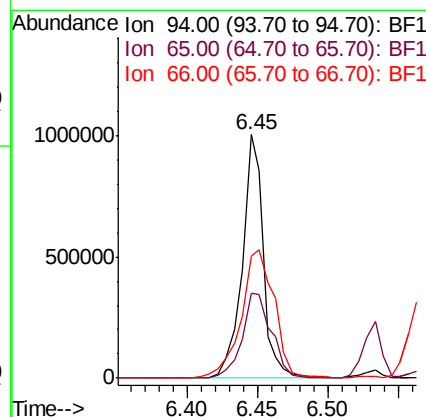
RT: 6.45 min Scan# 741

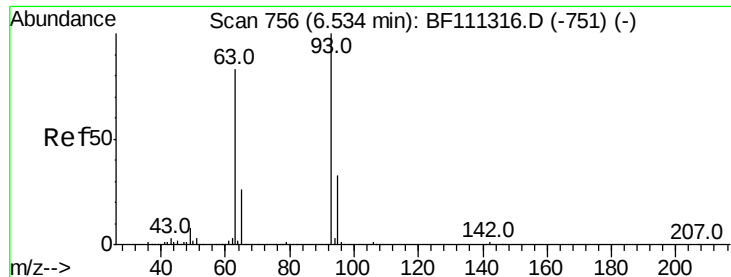
Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Tgt Ion:	94	Resp:	1043416
Ion Ratio	Lower	Upper	
94	100		
65	35.1	11.7	51.7
66	50.3	21.0	61.0





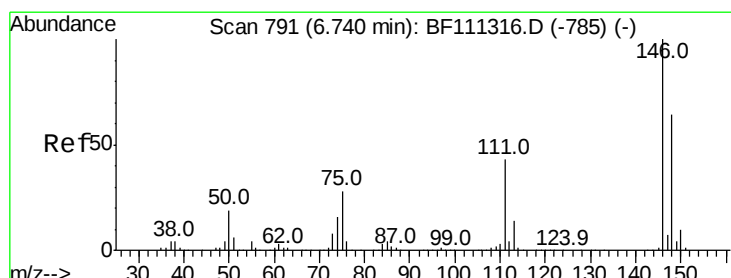
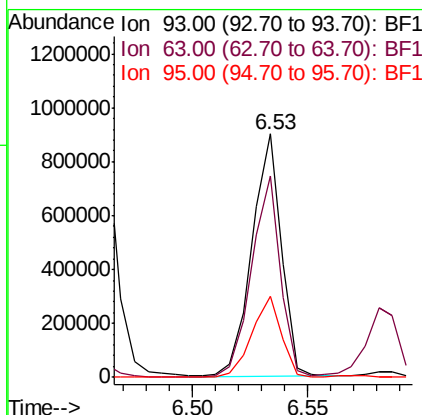
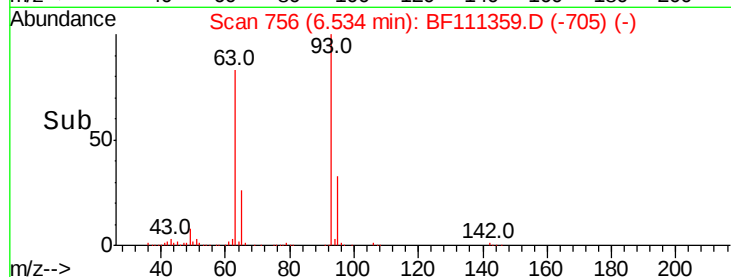
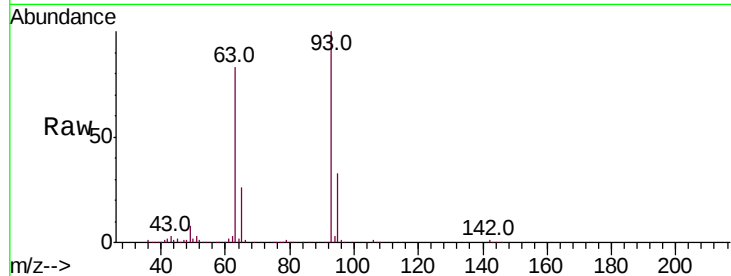
#11
bis(2-Chloroethyl)ether
Concen: 39.668 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.7	60.0	100.0
95	33.4	13.4	53.4

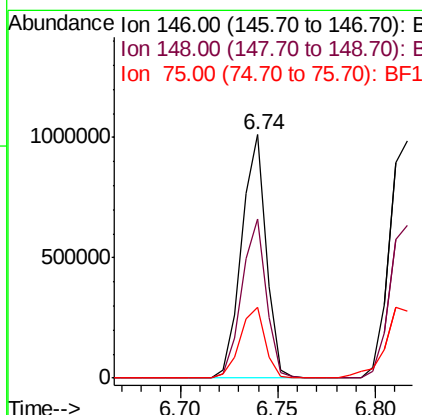
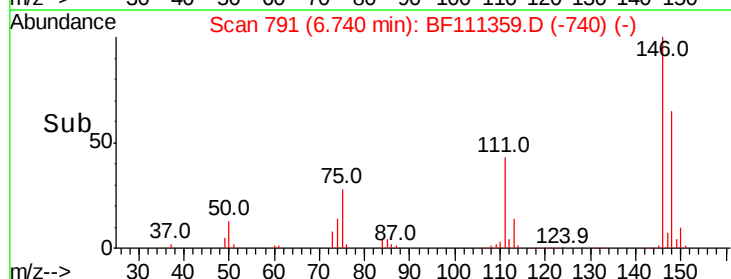
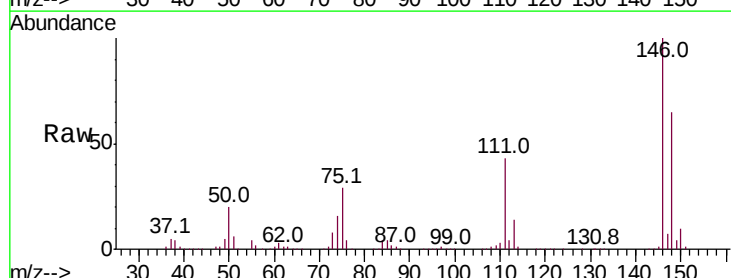
Manual Integrations
APPROVED

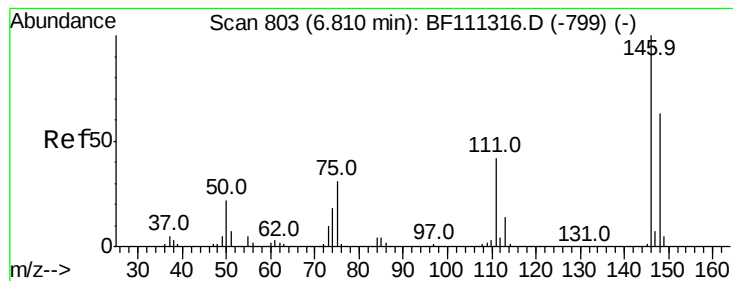
Sohil
12/14/2018 12:37:00 PM



#12
1,3-Dichlorobenzene
Concen: 39.773 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.1	78.1
75	29.0	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 39.889 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Instrument :

BNA_F

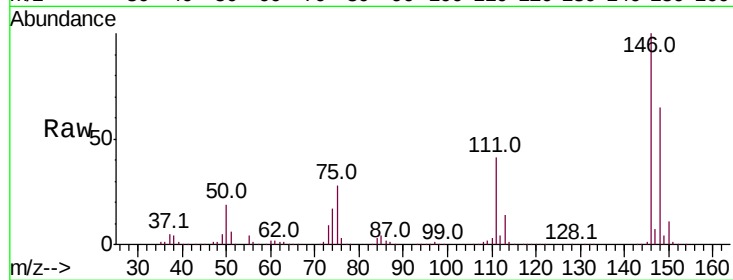
ClientSampleId :

SSTDCCC040

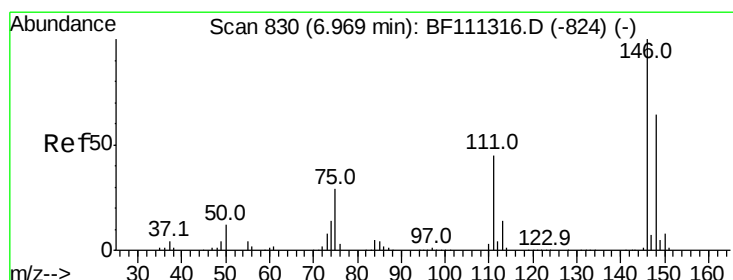
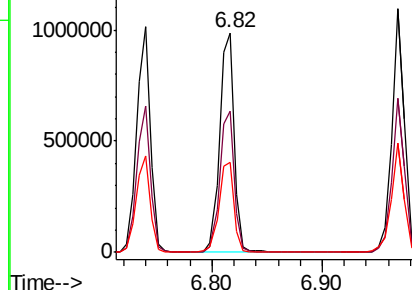
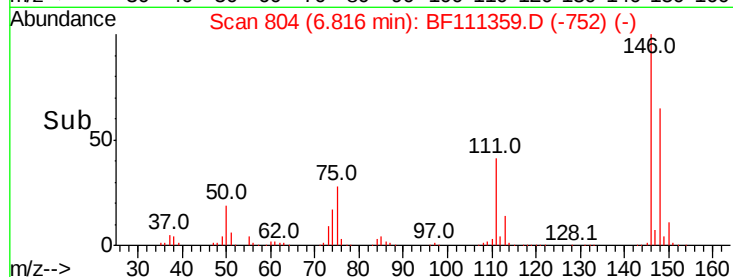
Tot Ion:	146	Resp:	901955
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.8	79.2
111	40.9	33.4	50.0

Manual Integrations
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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: 40.134 ng

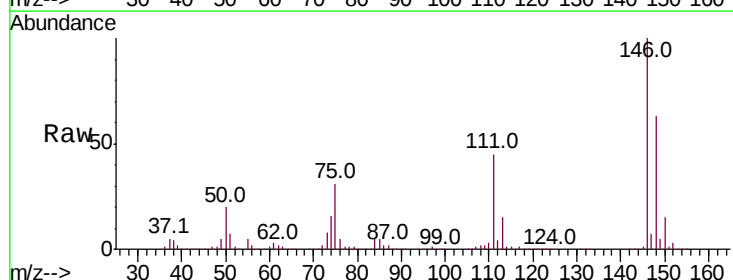
RT: 6.97 min Scan# 830

Delta R.T. 0.00 min

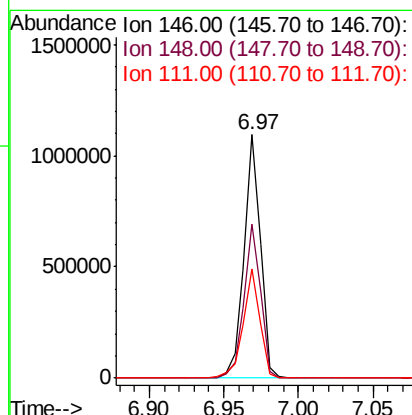
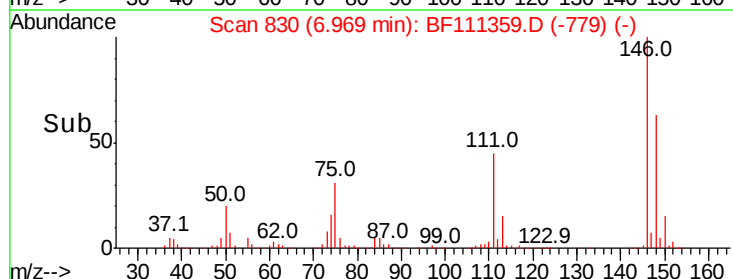
Lab File: BF111359.D

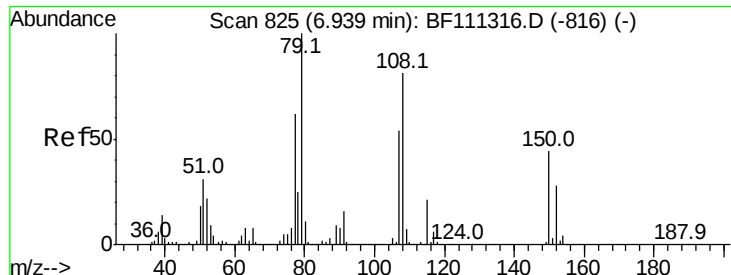
Acq: 13 Dec 2018 9:51

Tgt Ion:	146	Resp:	839549
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.9	77.9
111	44.7	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





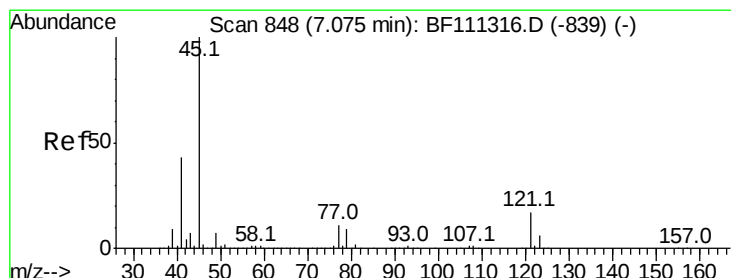
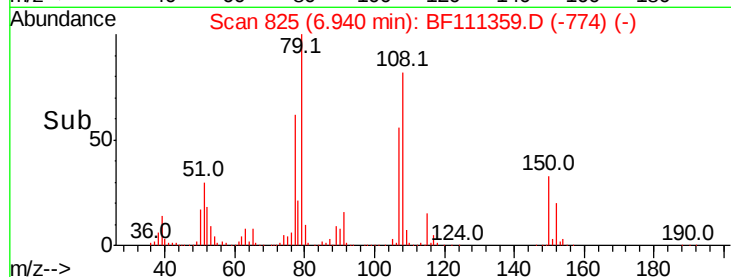
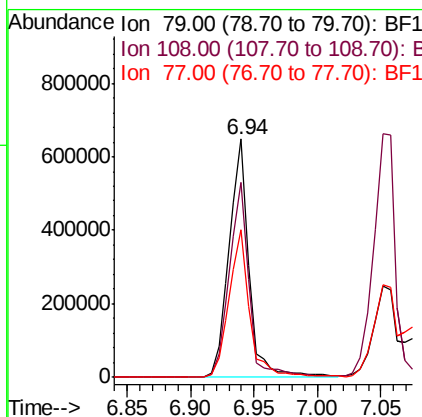
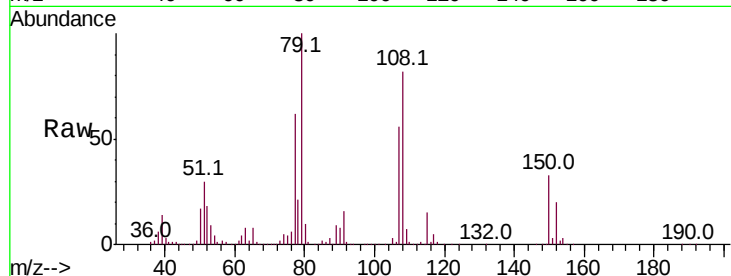
#15
Benzyl Alcohol
Concen: 40.813 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.6	69.4	104.2
77	61.9	49.7	74.5

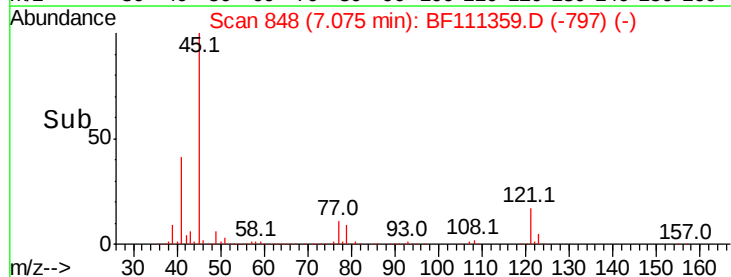
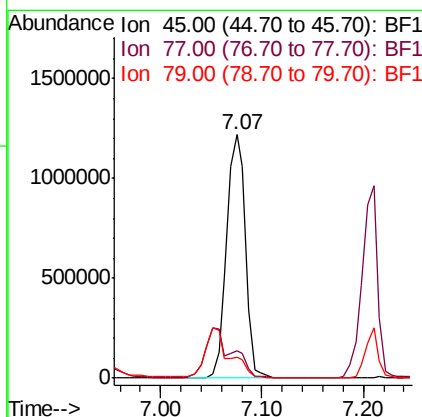
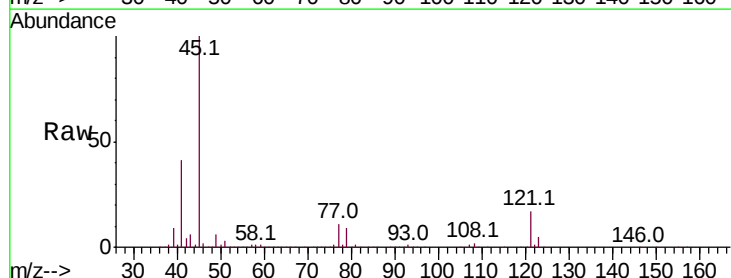
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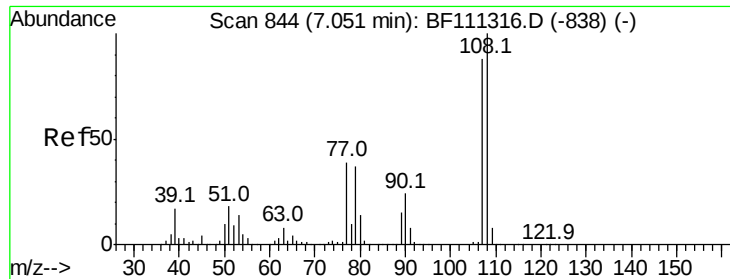
Sohil
12/14/2018 12:37:00 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.028 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	31.5
79	8.8	0.0	28.9





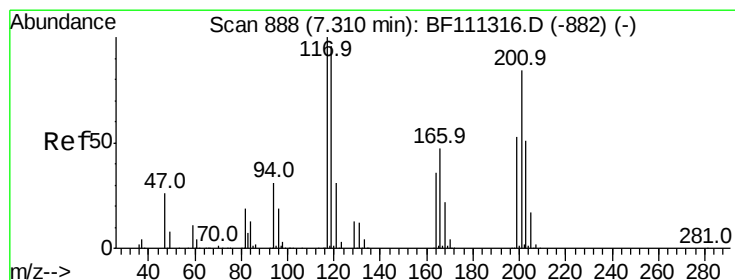
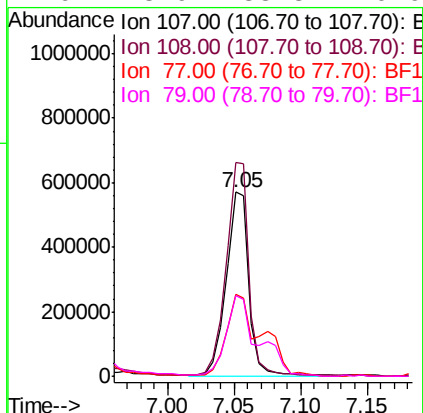
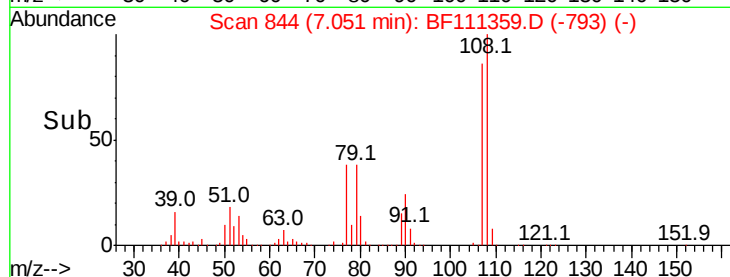
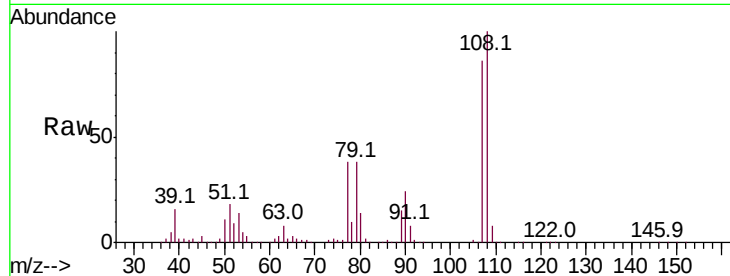
#17
2-Methylphenol
Concen: 40.875 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	681481		
108	116.2	91.0	136.4	
77	44.4	33.5	50.3	
79	43.9	33.3	49.9	

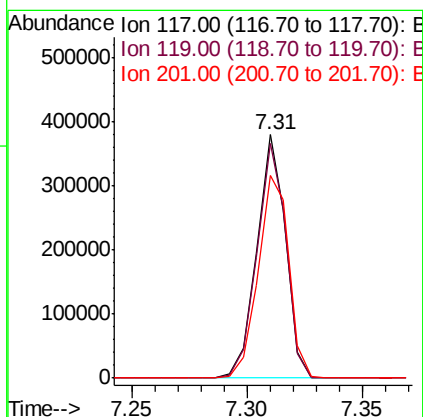
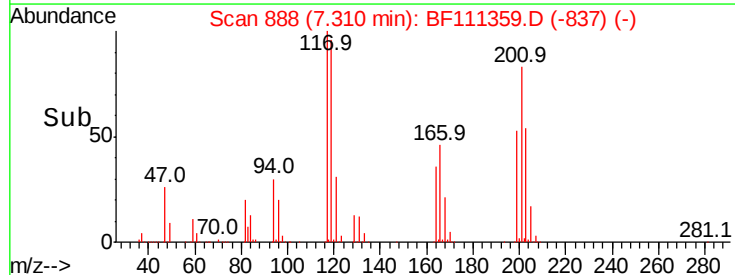
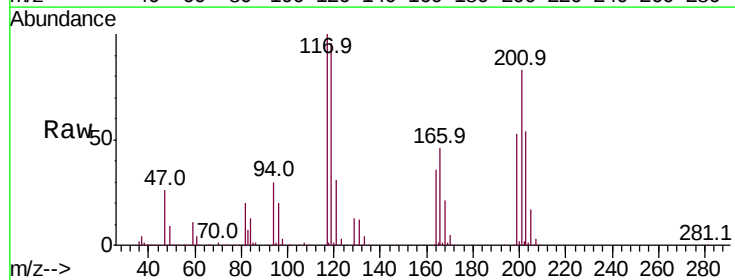
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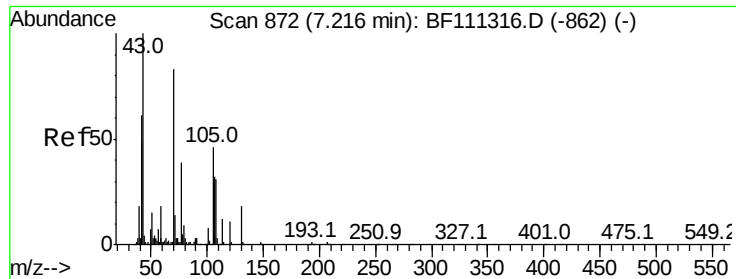
Sohil
12/14/2018 12:37:00 PM



#18
Hexachloroethane
Concen: 39.268 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	329644		
119	96.2	75.4	113.0	
201	83.2	62.4	93.6	





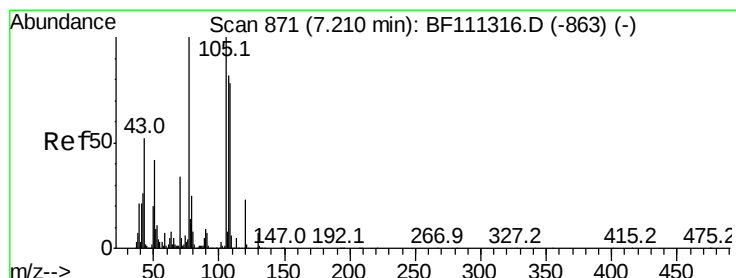
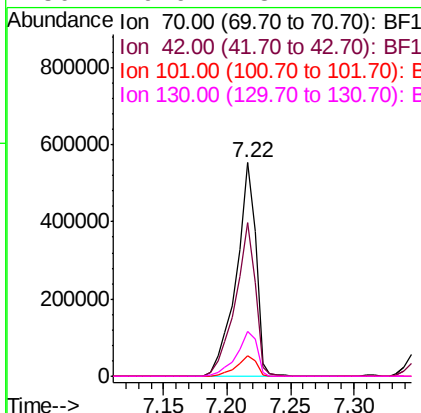
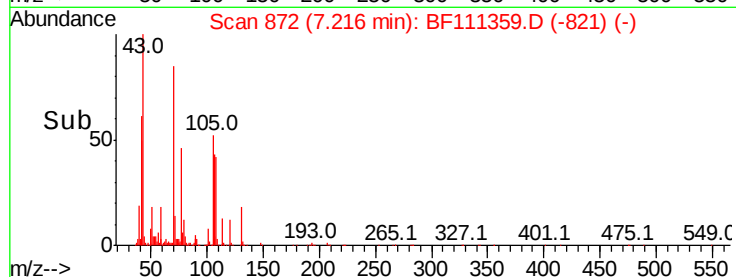
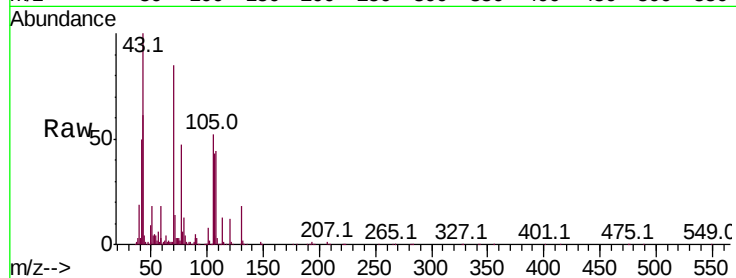
#19
n-Nitroso-di-n-propylamine
Concen: 39.078 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.9	53.2	79.8
101	9.5	8.2	12.4
130	20.9	18.1	27.1

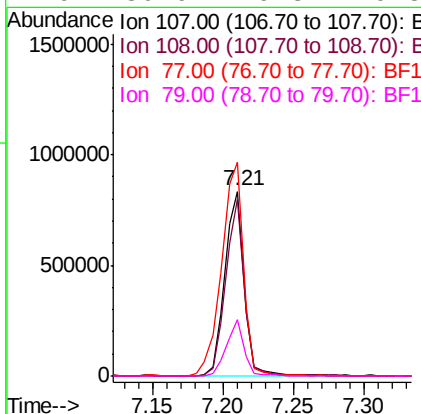
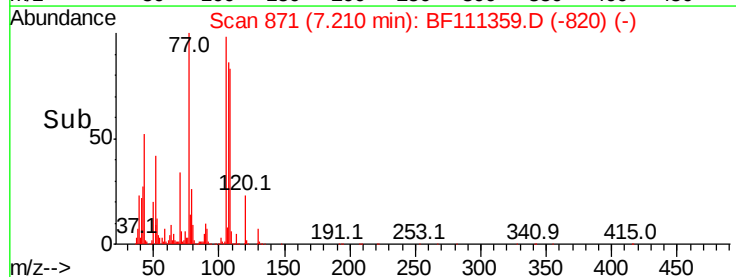
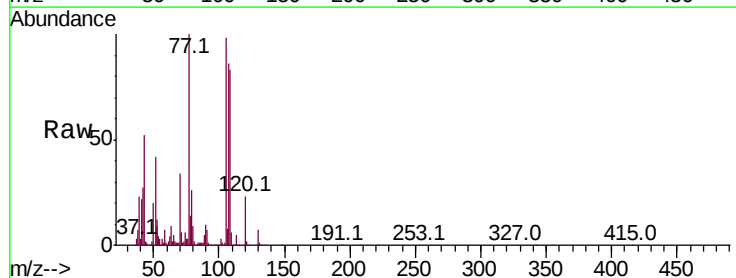
Manual Integrations
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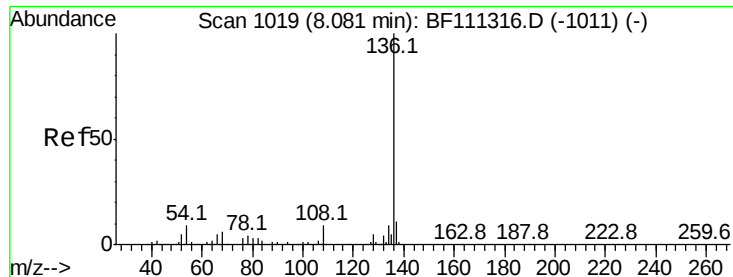
Sohil
12/14/2018 12:37:00 PM



#20
3+4-Methylphenols
Concen: 39.578 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.0	72.1	112.1
77	115.7	94.1	134.1
79	30.6	9.8	49.8





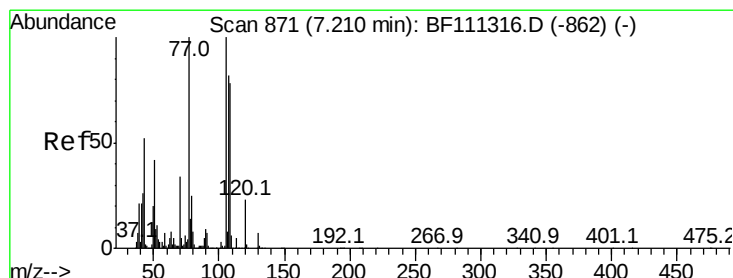
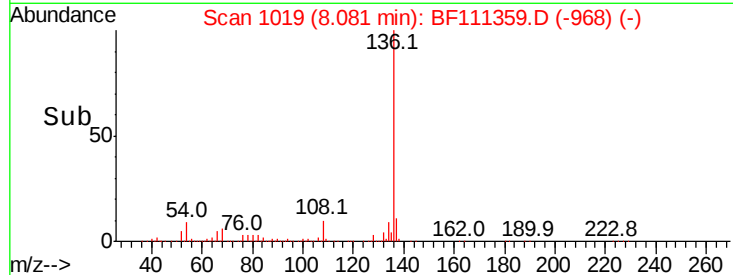
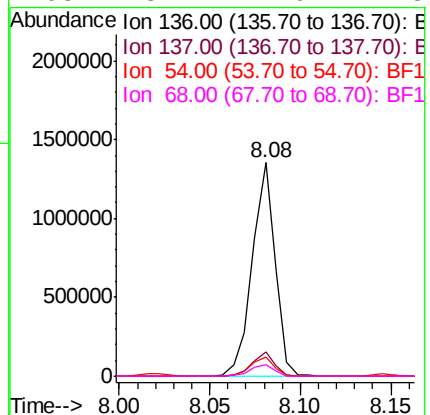
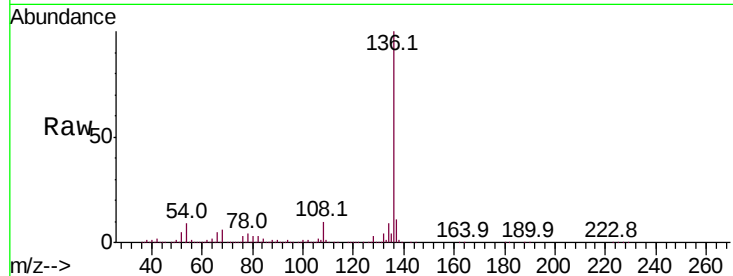
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.3	7.7	11.5
68	5.7	4.9	7.3

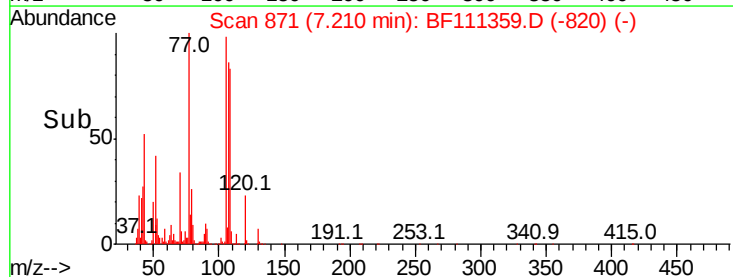
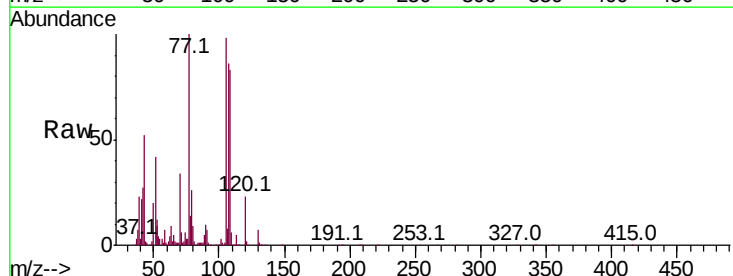
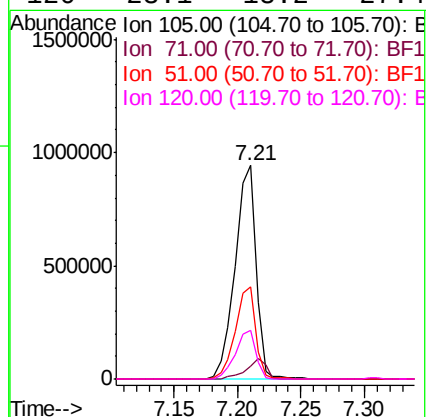
Manual Integrations
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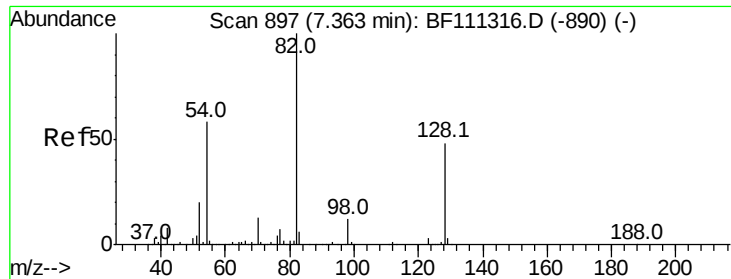
Sohil
12/14/2018 12:37:00 PM



#22
Acetophenone
Concen: 38.907 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.2	3.1	4.7#
51	43.2	36.6	54.8
120	23.1	18.2	27.4





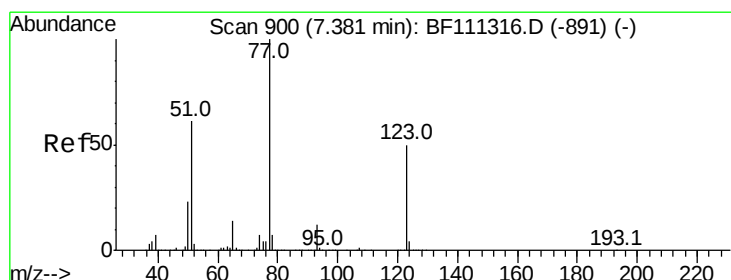
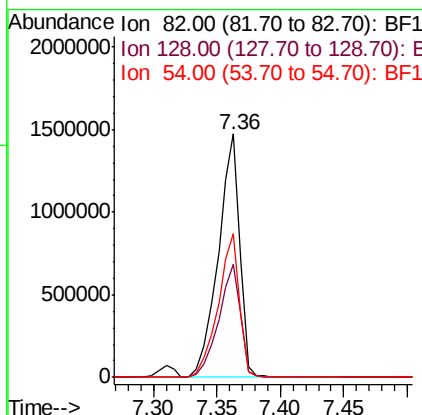
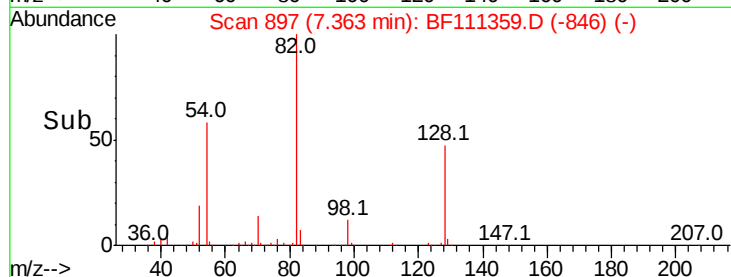
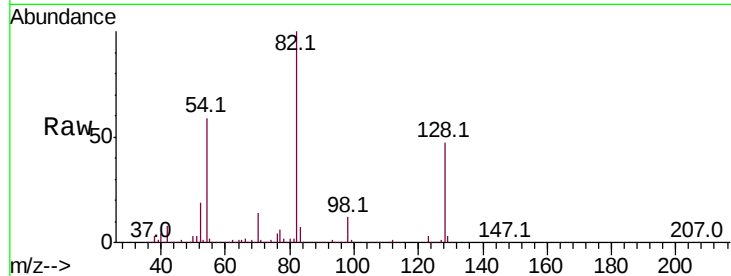
#23
Nitrobenzene-d5
Concen: 81.991 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1729739
Ion Ratio Lower Upper
82 100
128 46.6 37.4 56.2
54 58.8 47.6 71.4

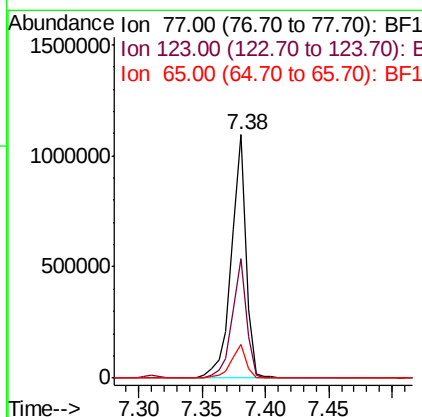
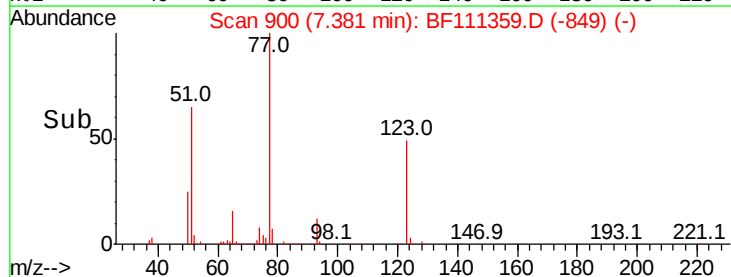
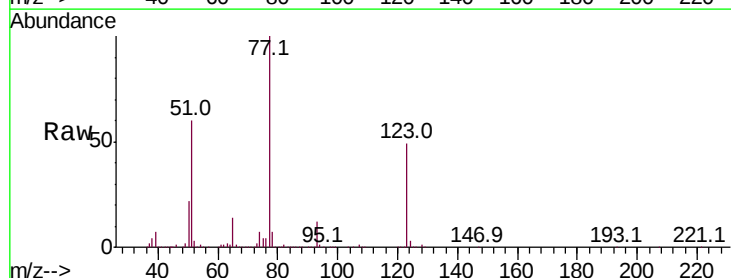
Manual Integrations
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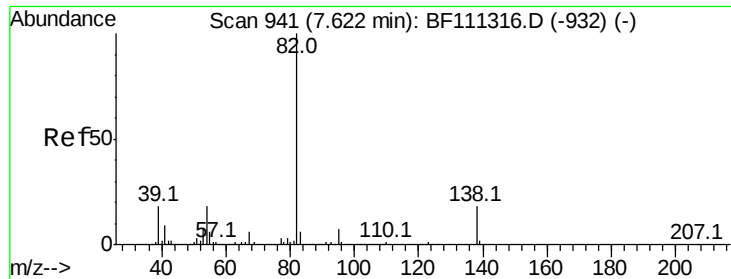
Sohil
12/14/2018 12:37:00 PM



#24
Nitrobenzene
Concen: 39.797 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion: 77 Resp: 864800
Ion Ratio Lower Upper
77 100
123 49.1 37.2 55.8
65 14.1 11.5 17.3





#25

Isophorone

Concen: 39.295 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1408166

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

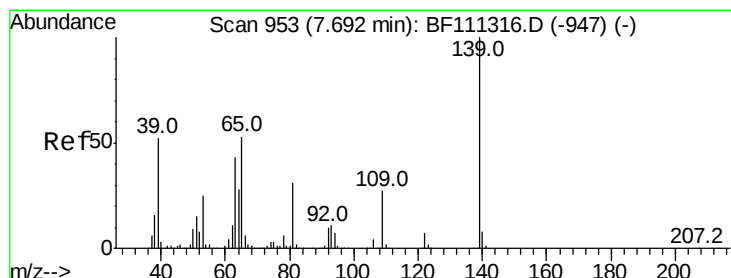
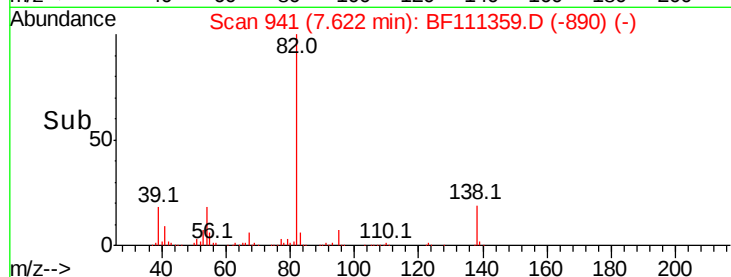
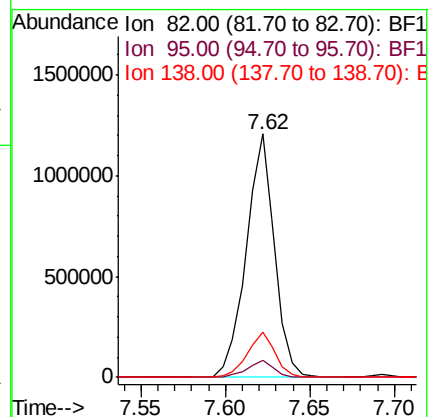
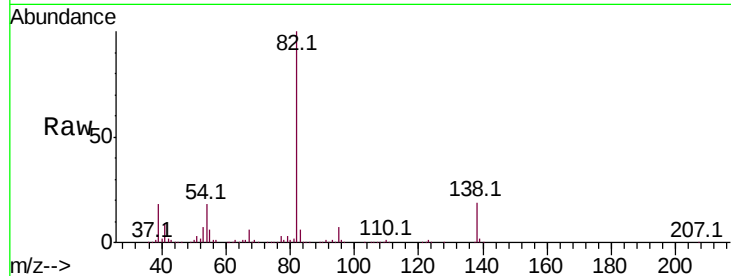
138 18.6 15.1 22.7

Manual Integrations

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Sohil

12/14/2018 12:37:00 PM



#26

2-Nitrophenol

Concen: 42.260 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

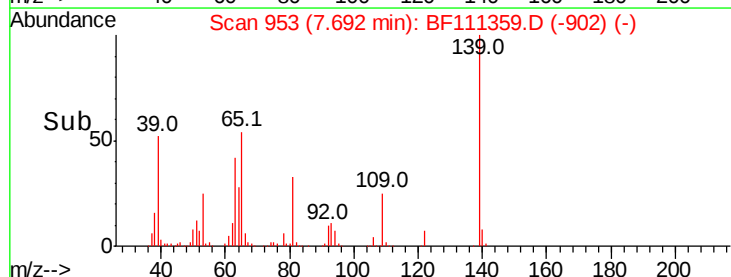
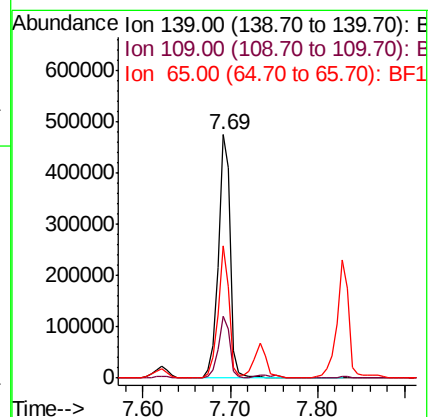
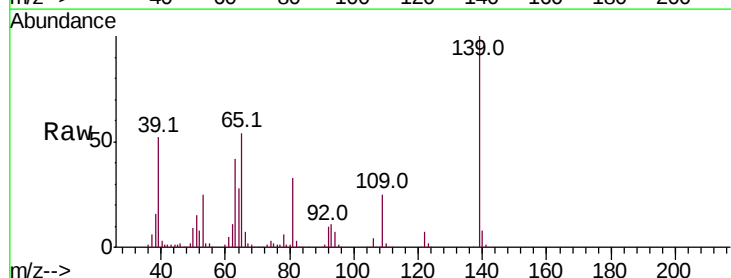
Tgt Ion: 139 Resp: 451387

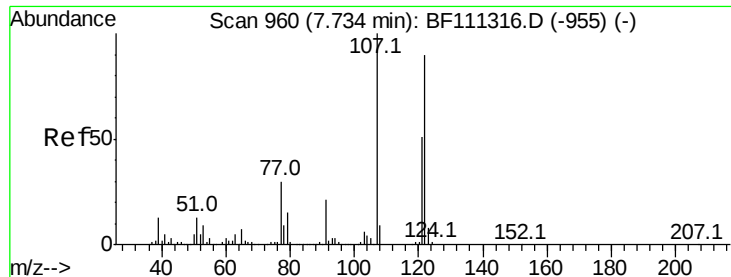
Ion Ratio Lower Upper

139 100

109 25.3 20.2 30.4

65 54.3 40.7 61.1





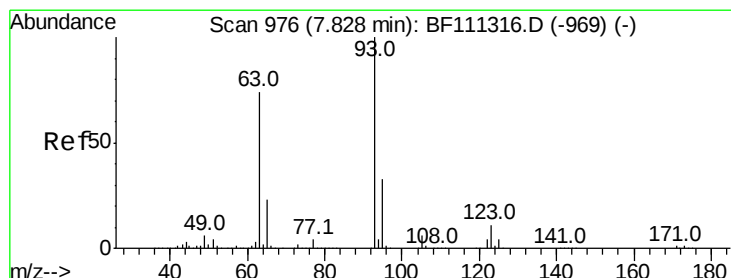
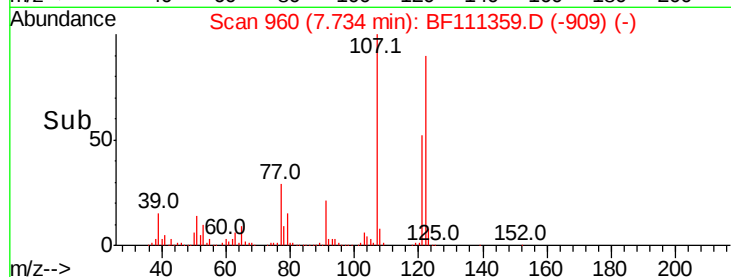
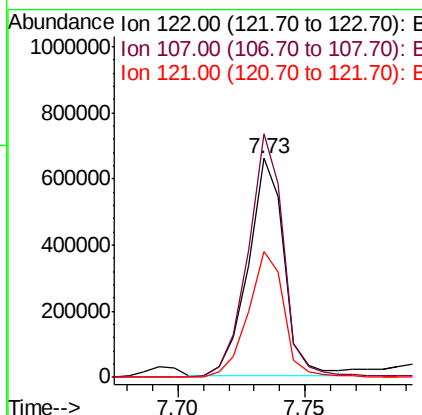
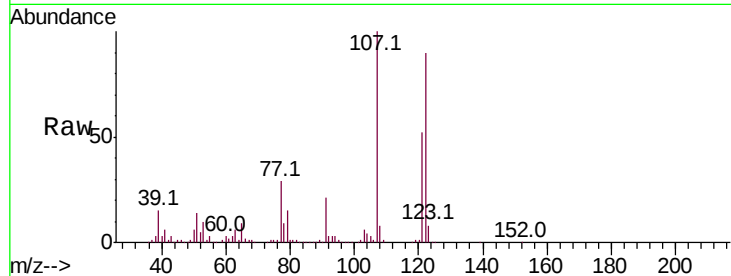
#27
 2,4-Dimethylphenol
 Concen: 40.312 ng
 RT: 7.73 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF111359.D
 Acq: 13 Dec 2018 9:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	653626		
107	111.3	85.5	128.3	
121	57.8	46.6	70.0	

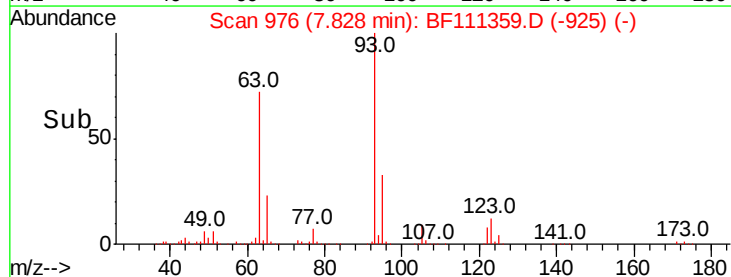
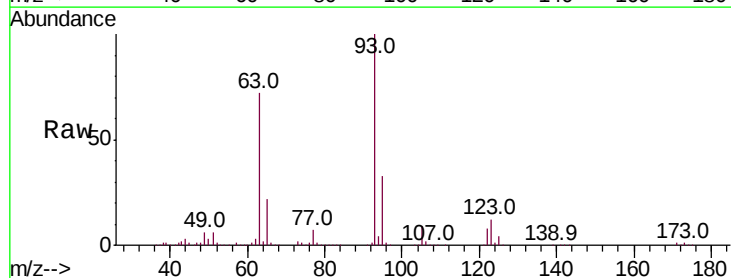
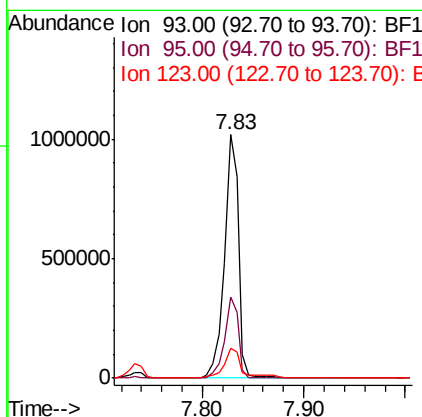
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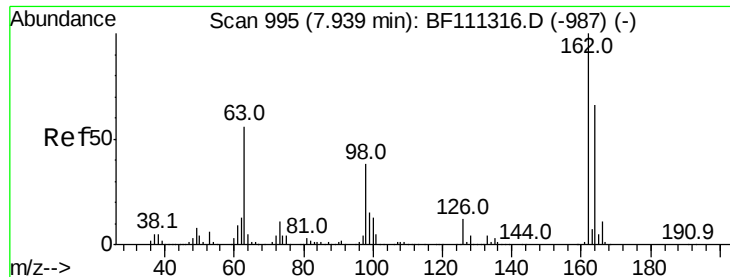
Sohil
 12/14/2018 12:37:00 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.474 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF111359.D
 Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	970941		
95	33.3	27.1	40.7	
123	12.1	9.9	14.9	





#29

2,4-Dichlorophenol

Concen: 40.244 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Instrument :

BNA_F

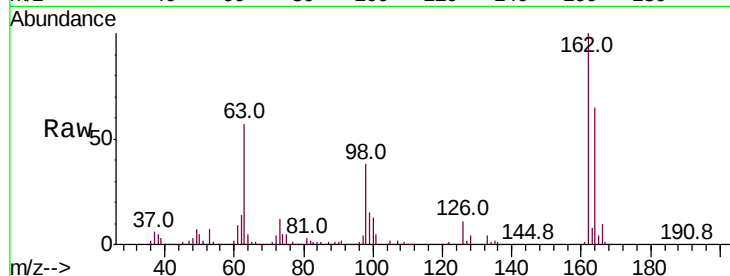
ClientSampleId :

SSTDCCC040

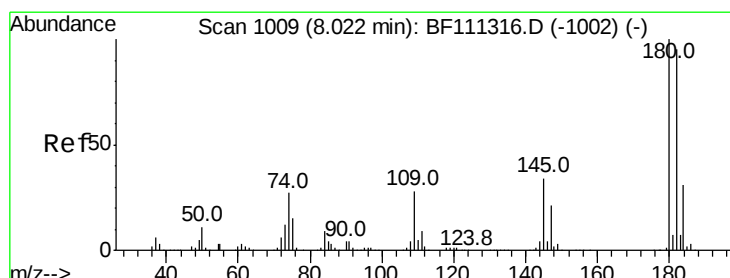
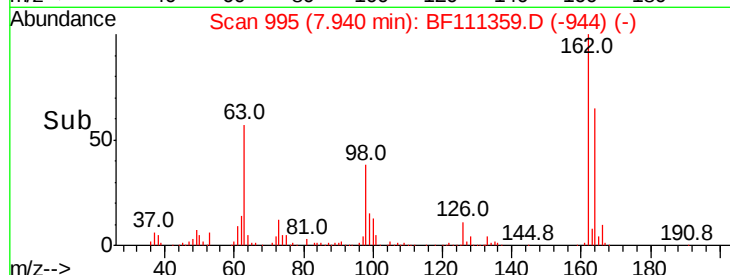
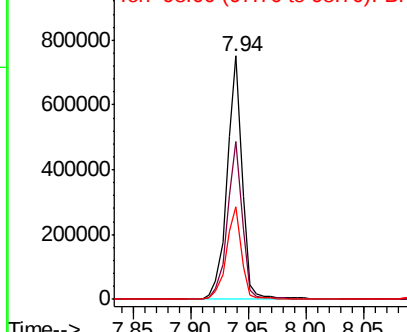
Tot Ion	Ratio	Resp	Lower	Upper
162	100	680678		
164	64.9		44.4	84.4
98	38.0		20.3	60.3

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.768 ng

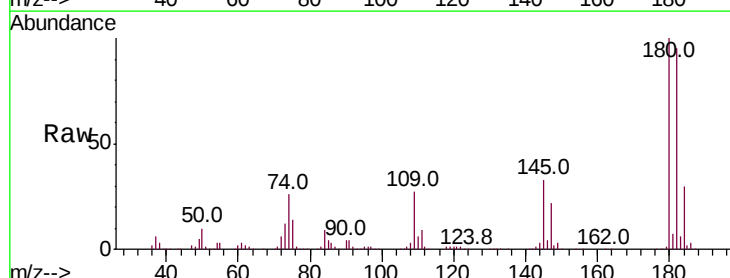
RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

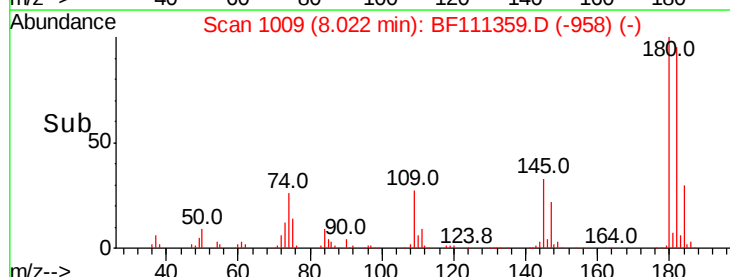
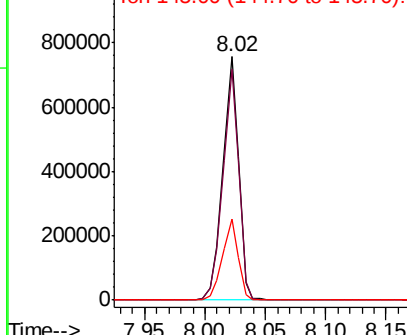
Lab File: BF111359.D

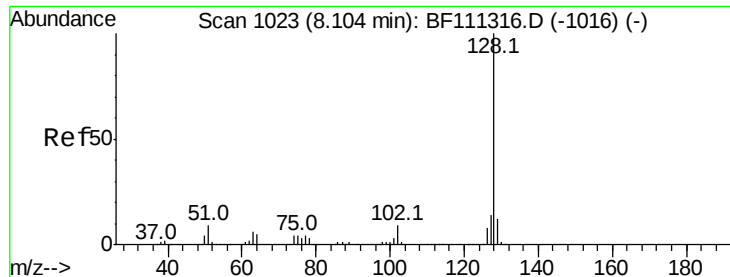
Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	691130		
182	94.9		75.6	113.4
145	33.0		26.7	40.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





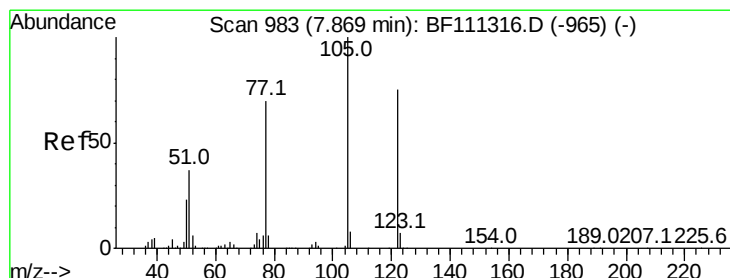
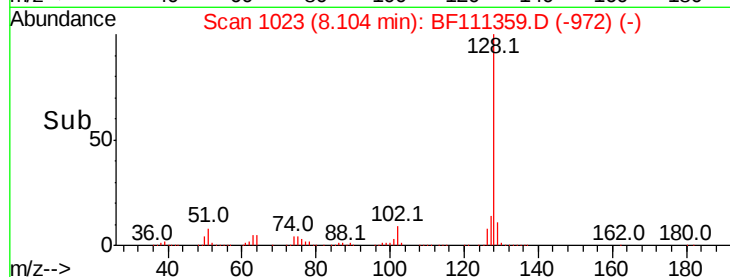
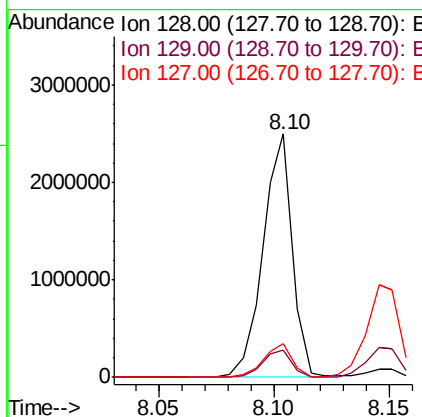
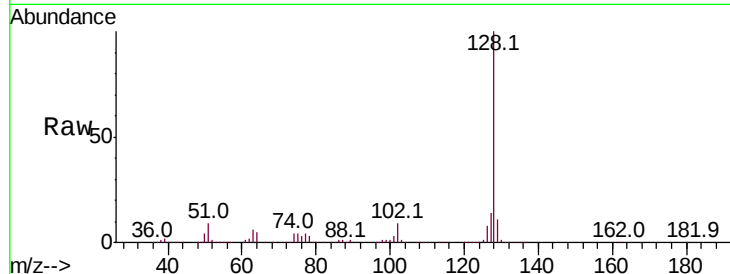
#31
Naphthalene
Concen: 39.726 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 2200853
Ion Ratio Lower Upper
128 100
129 11.5 9.8 14.8
127 13.7 12.0 18.0

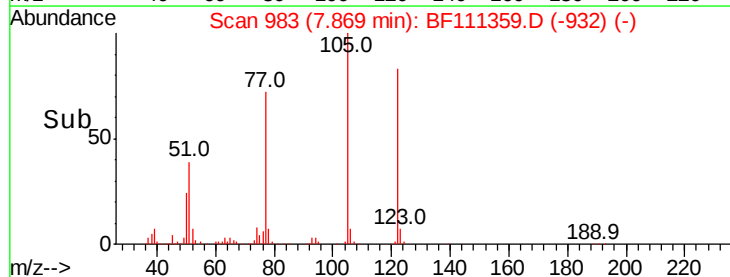
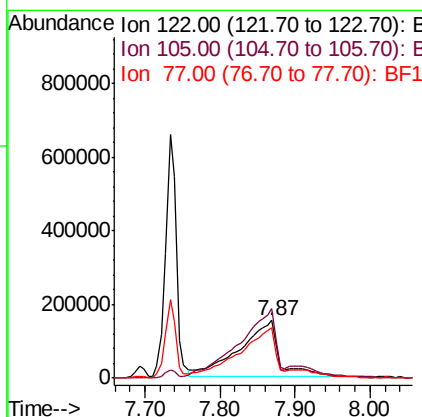
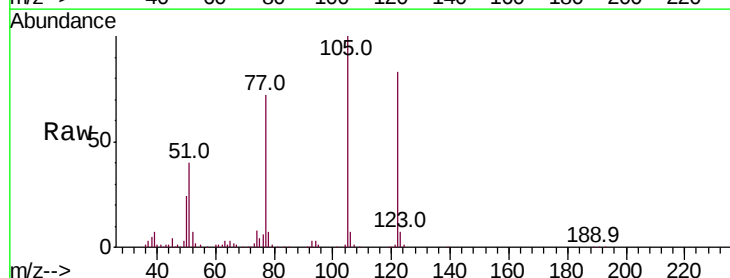
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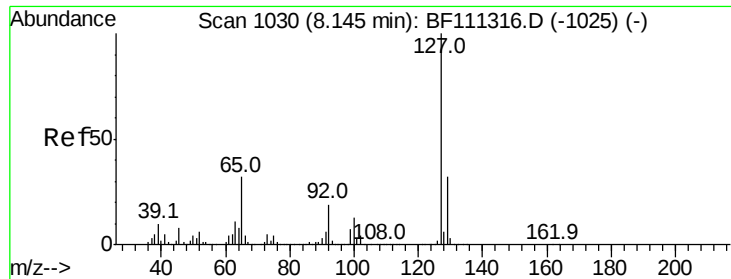
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#32
Benzoic acid
Concen: 41.149 ng m
RT: 7.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion:122 Resp: 554634
Ion Ratio Lower Upper
122 100
105 120.7 97.0 137.0
77 86.9 65.7 105.7





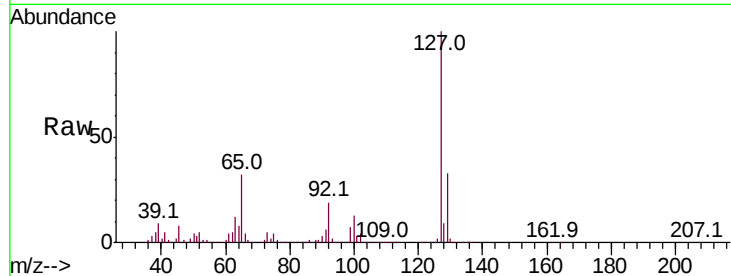
#33
4-Chloroaniline
Concen: 42.002 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

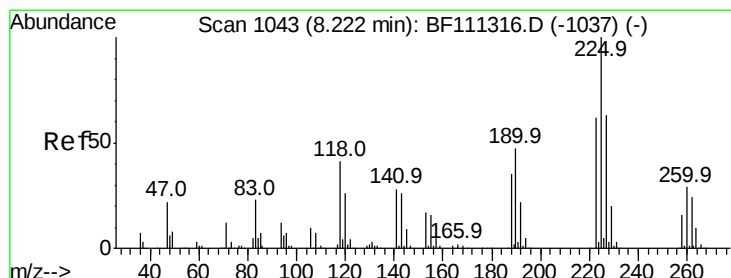
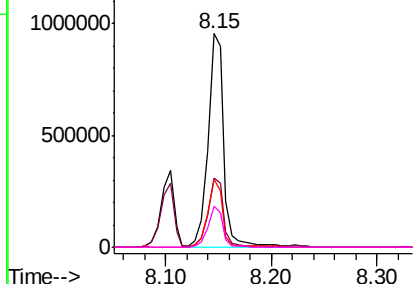
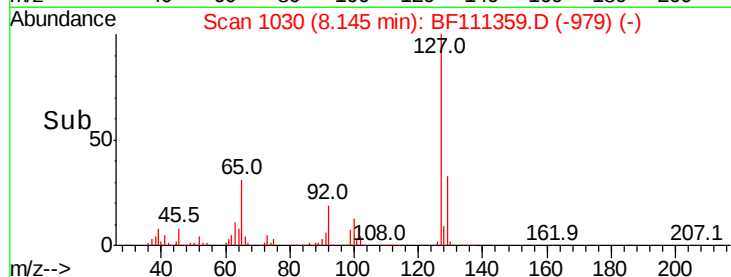
Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.6	26.6	39.8
65	31.6	25.7	38.5
92	19.1	15.4	23.2

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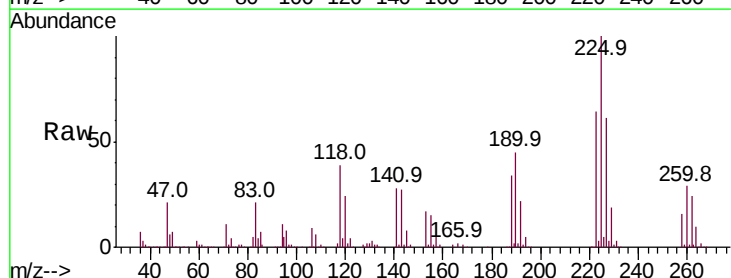


Abundance Ion 127.00 (126.70 to 127.70): E
1500000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

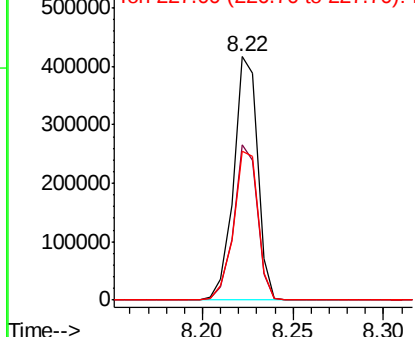
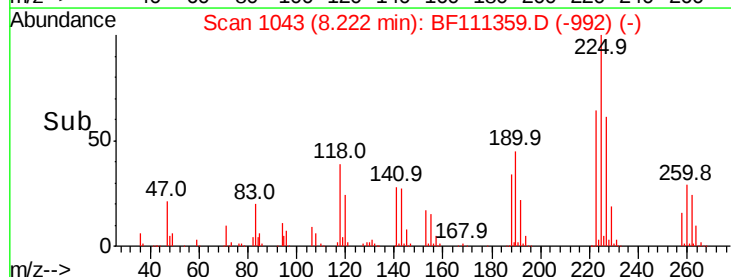


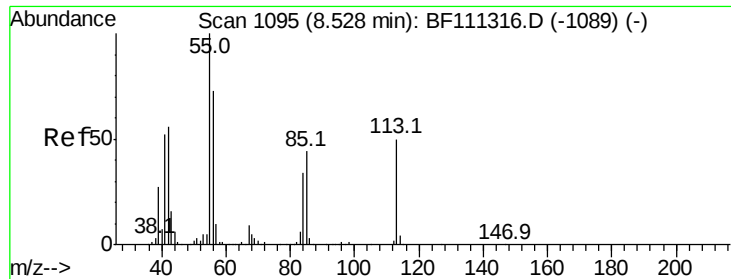
#34
Hexachlorobutadiene
Concen: 39.789 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.8	50.7	76.1
227	61.4	52.6	78.8



Abundance Ion 225.00 (224.70 to 225.70): E
500000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





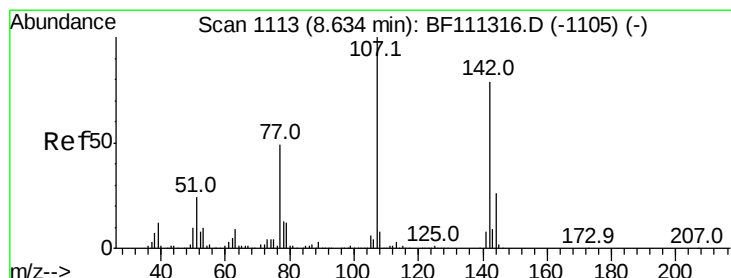
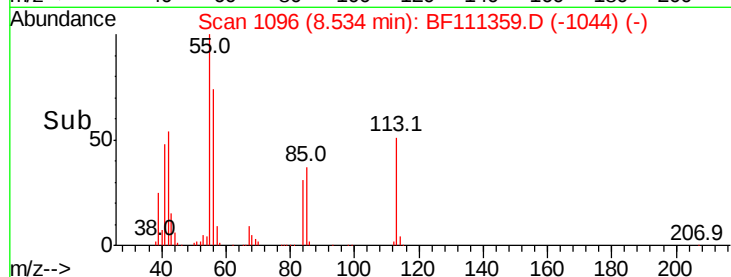
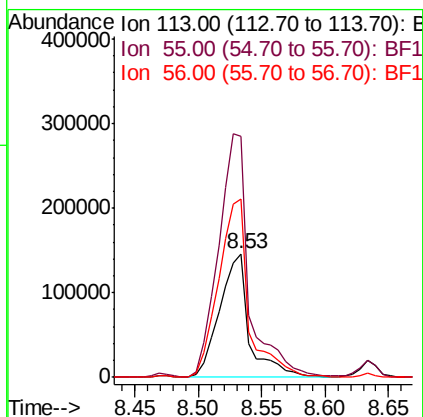
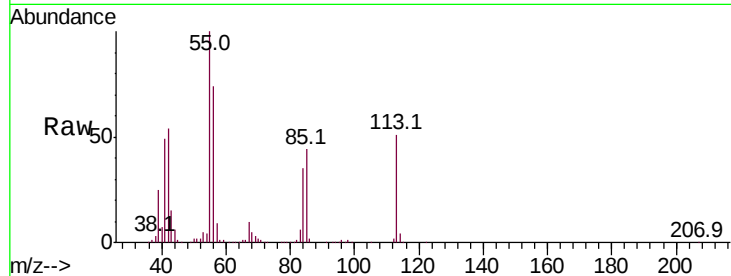
#35
Caprolactam
Concen: 40.360 ng
RT: 8.53 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
113	100	239197		
55	194.6	184.1	224.1	
56	144.5	126.0	166.0	

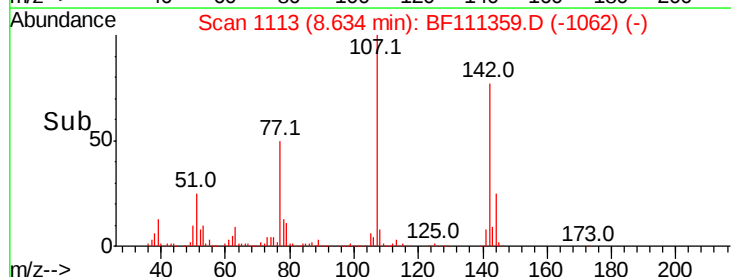
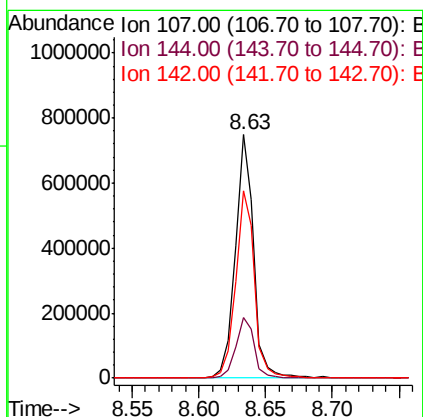
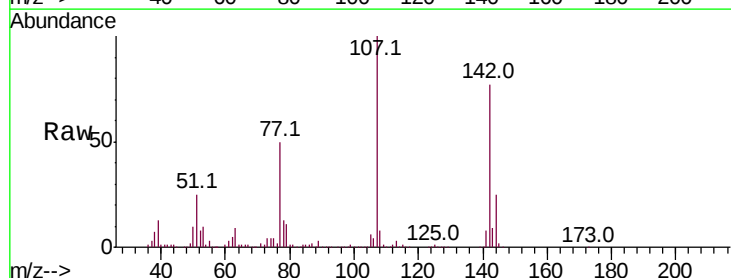
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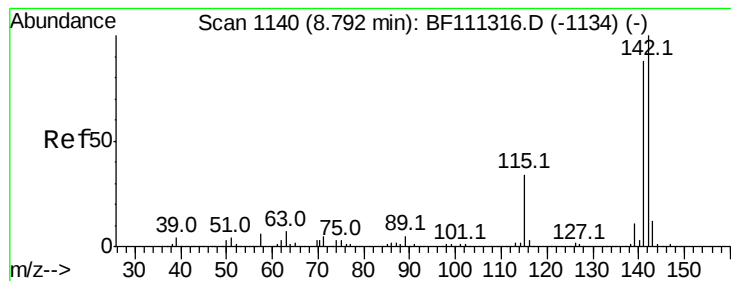
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#36
4-Chloro-3-methylphenol
Concen: 39.956 ng
RT: 8.63 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	720159		
144	24.8	19.8	29.6	
142	77.1	62.3	93.5	





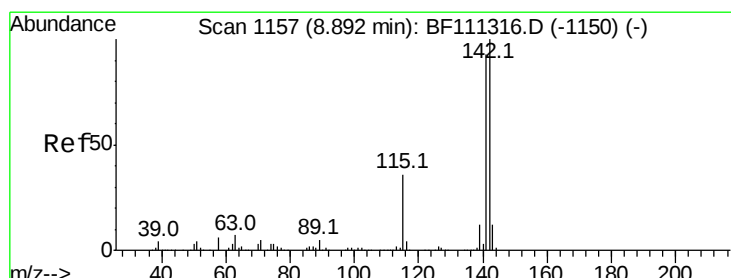
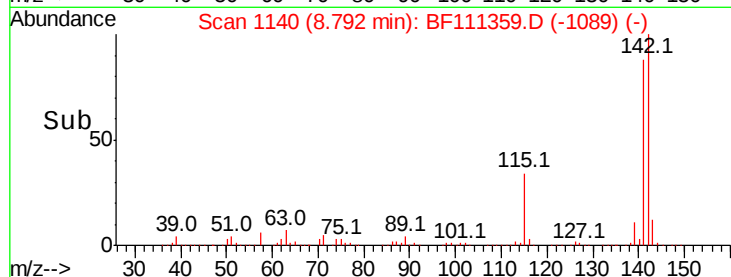
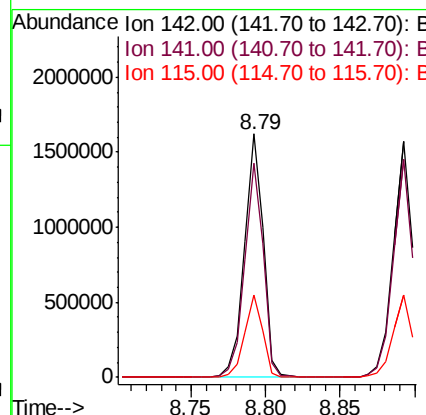
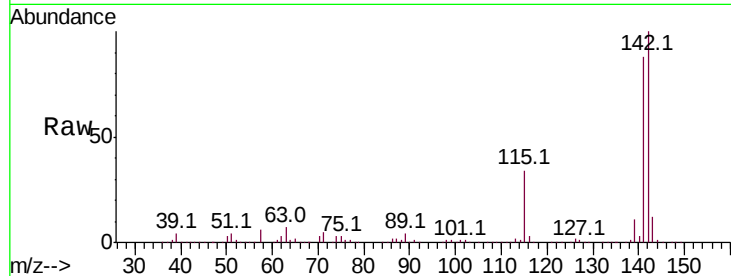
#37
2-Methylnaphthalene
Concen: 39.734 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.6	105.8
115	33.6	27.0	40.6

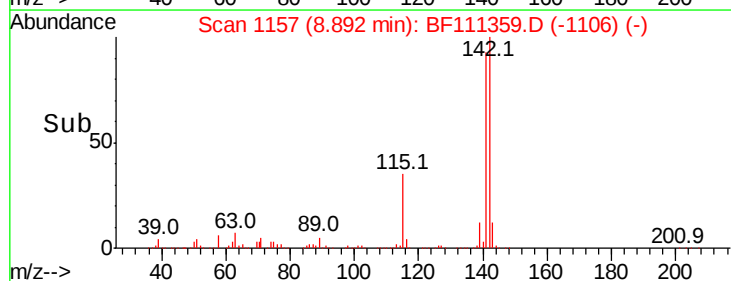
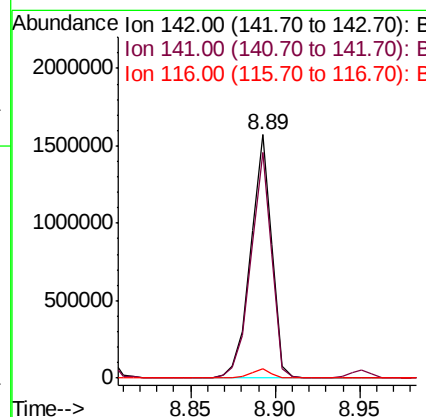
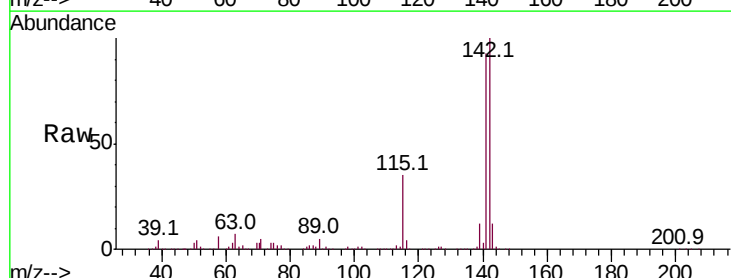
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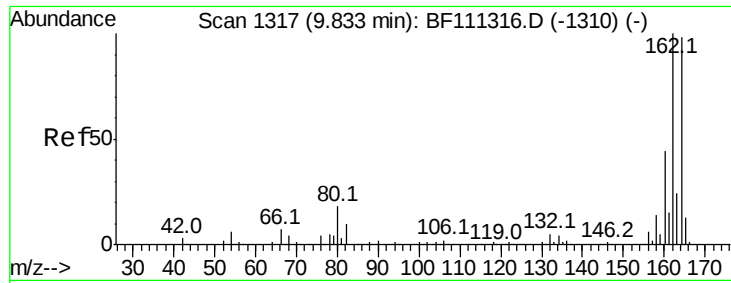
Sohil
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#38
1-Methylnaphthalene
Concen: 39.397 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.2	111.4
116	3.7	2.9	4.3





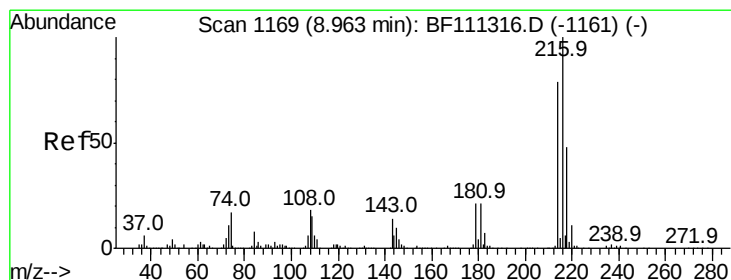
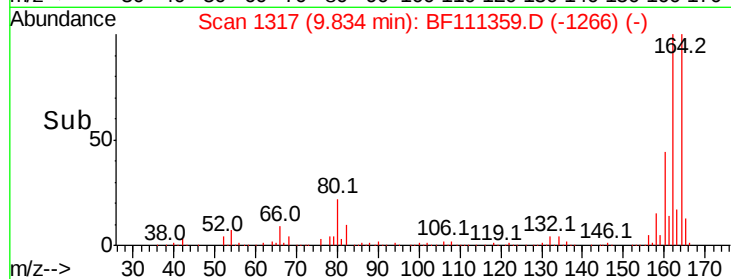
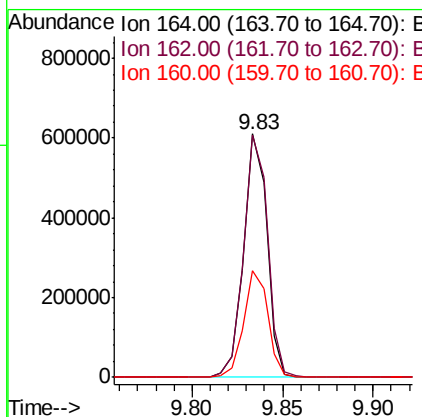
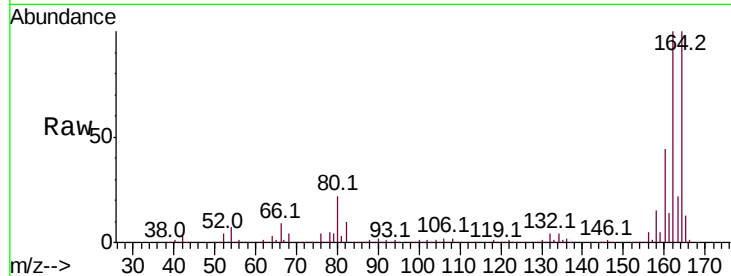
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100	547667		
162	99.5	81.4	122.0	
160	43.6	35.7	53.5	

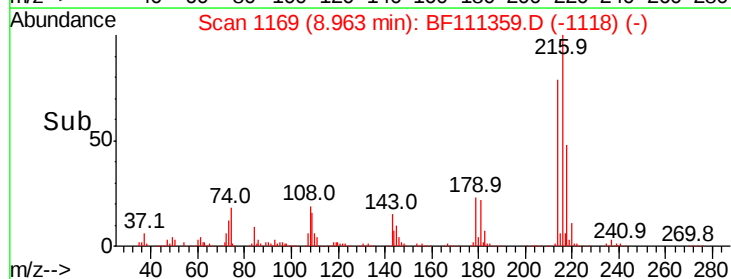
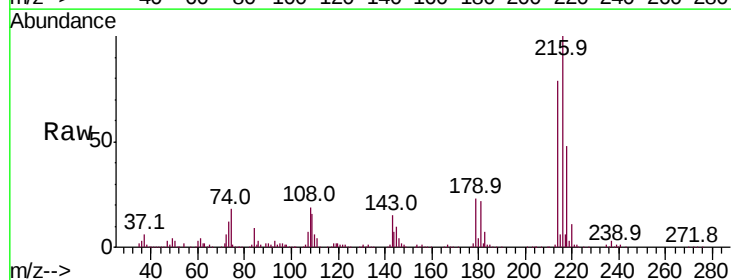
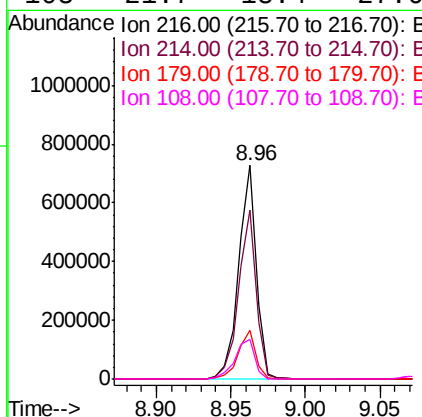
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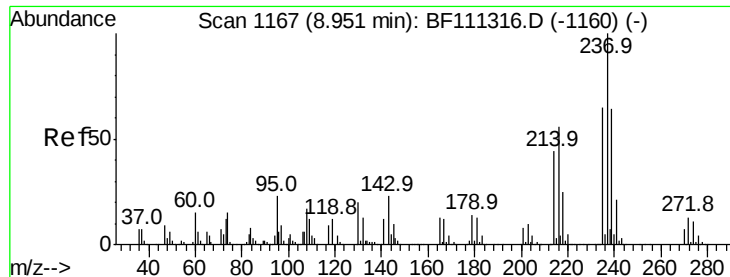
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.207 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	603567		
214	79.4	63.8	95.8	
179	22.4	17.9	26.9	
108	21.7	18.4	27.6	





#41

Hexachlorocyclopentadiene

Concen: 40.706 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Instrument :

BNA_F

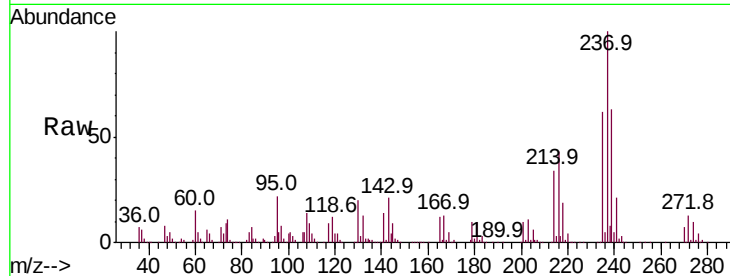
ClientSampleId :

SSTDCCC040

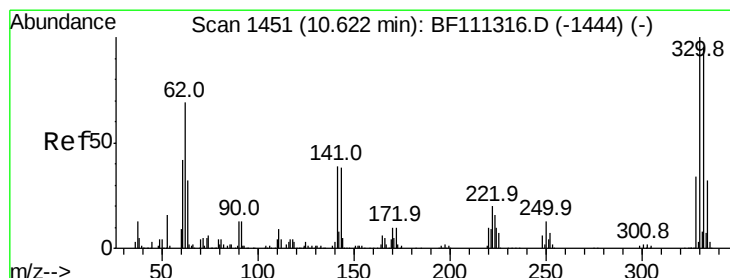
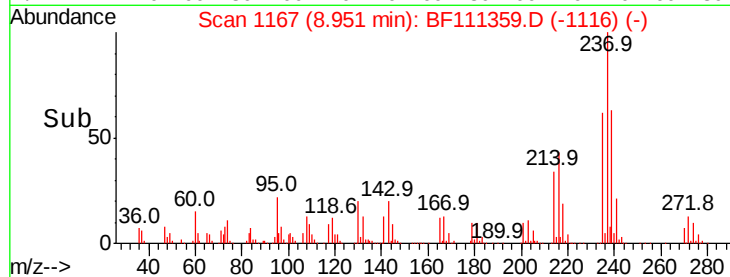
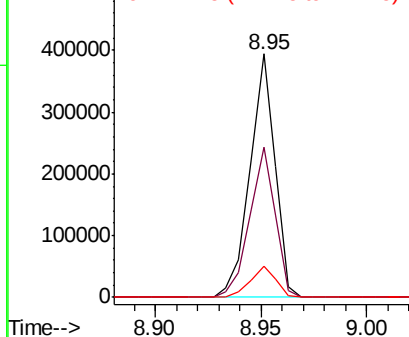
Tot Ion:	237	Resp:	327219
Ion Ratio	Lower	Upper	
237	100		
235	61.7	43.1	83.1
272	12.7	0.0	33.0

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



#42

2,4,6-Tribromophenol

Concen: 80.636 ng

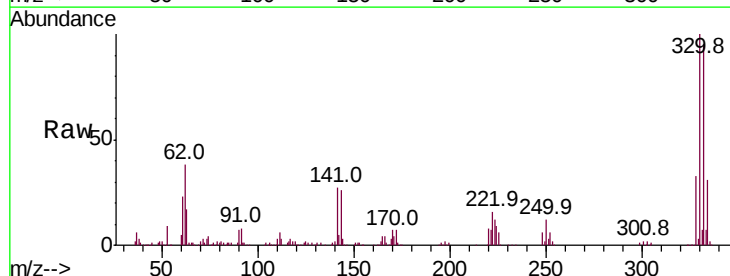
RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

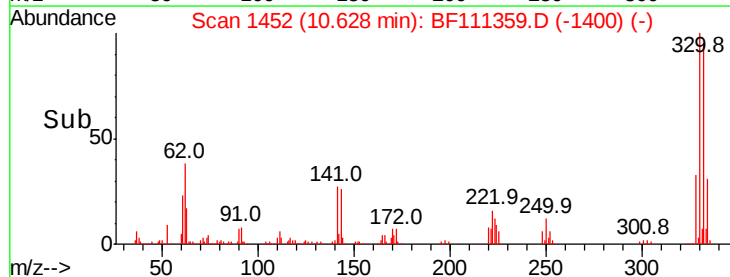
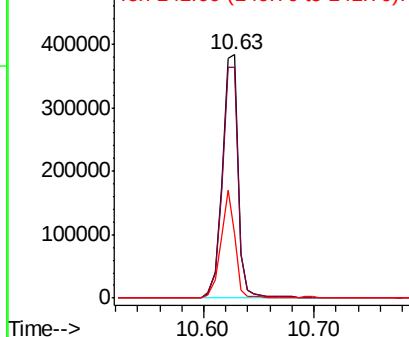
Lab File: BF111359.D

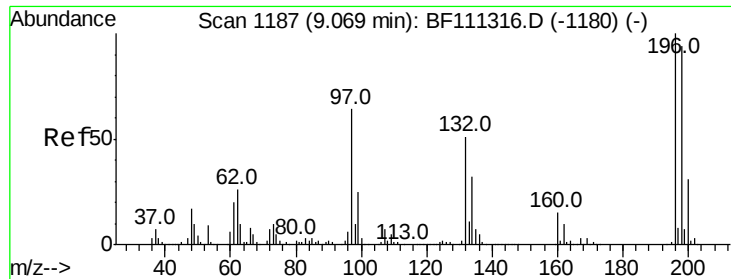
Acq: 13 Dec 2018 9:51

Tgt Ion:	330	Resp:	389289
Ion Ratio	Lower	Upper	
330	100		
332	95.3	76.0	114.0
141	38.9	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





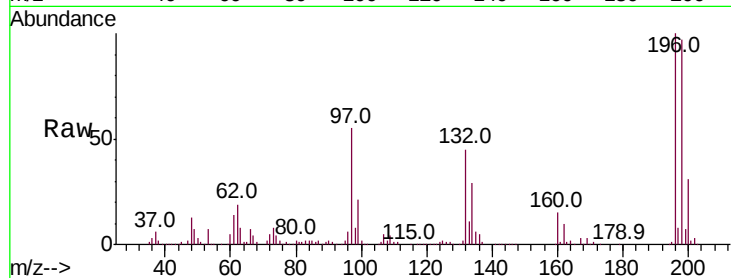
#43
 2,4,6-Trichlorophenol
 Concen: 40.665 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF111359.D
 Acq: 13 Dec 2018 9:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	448072		
198	96.9	76.3	114.5	
200	30.9	24.9	37.3	

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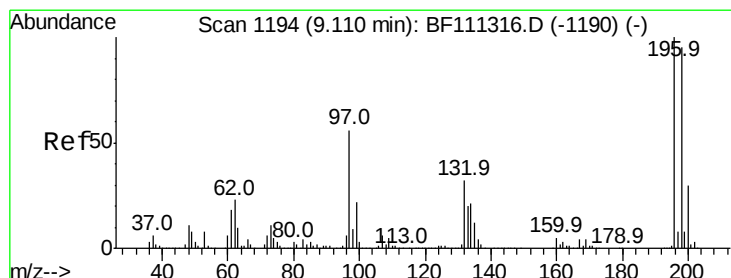
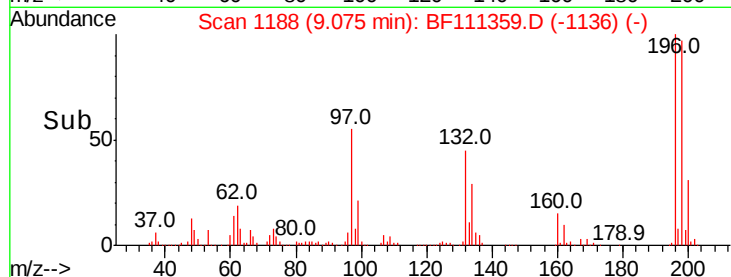
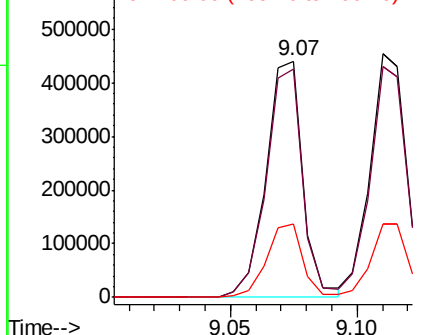


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.478 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF111359.D
 Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	471358		
198	94.6	72.9	109.3	
97	58.2	45.3	67.9	
132	32.1	25.5	38.3	

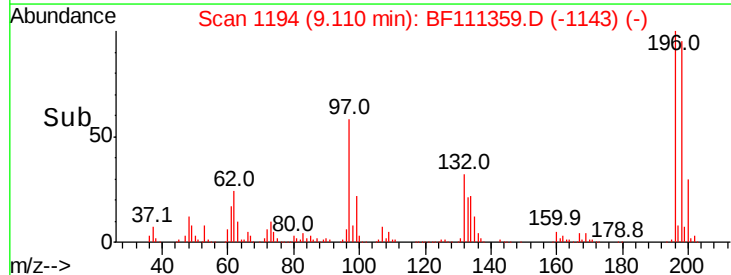
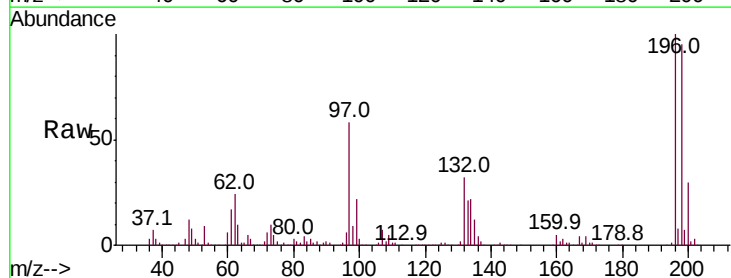
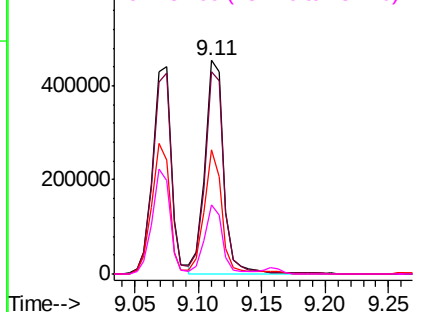
Abundance

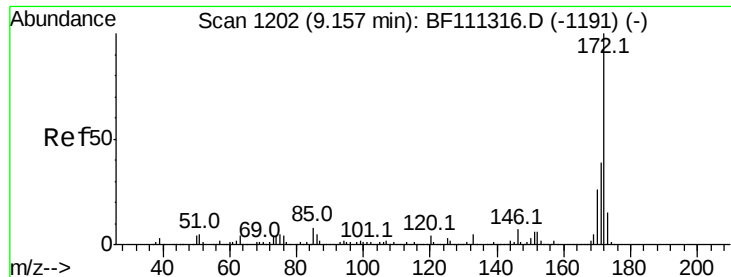
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





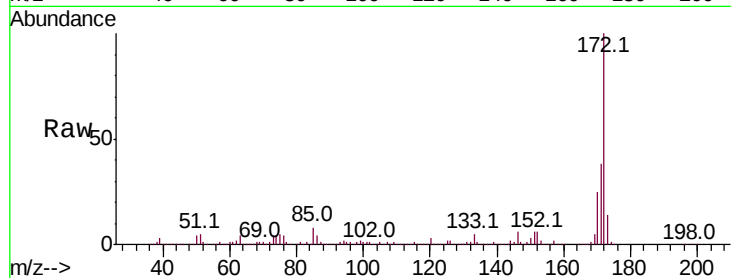
#45
2-Fluorobiphenyl
Concen: 83.680 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

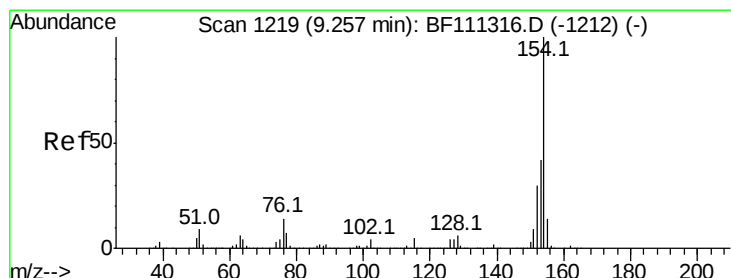
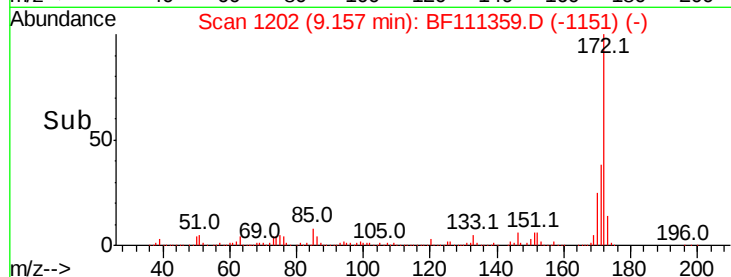
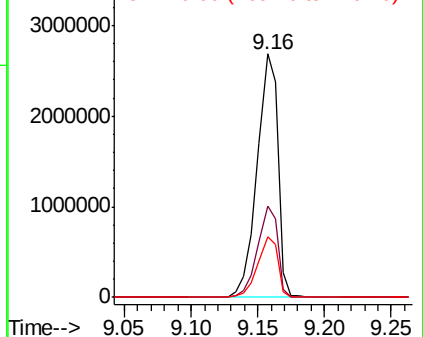
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	33.0	49.4
170	24.8	22.3	33.5

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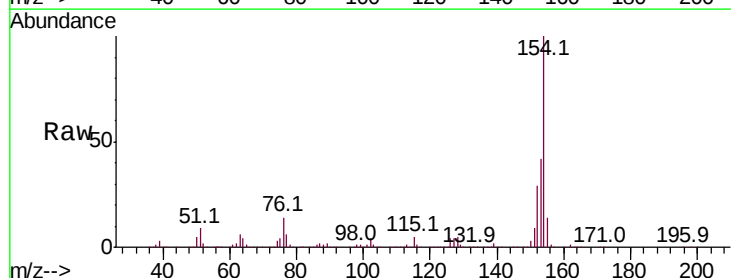


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

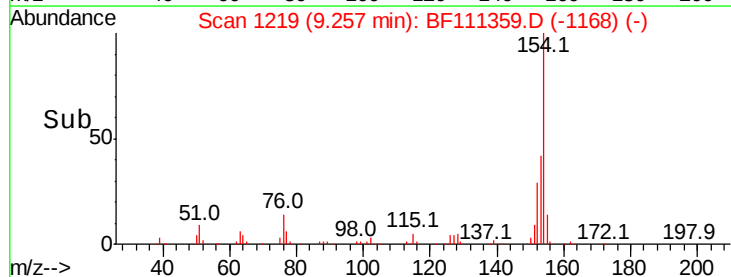
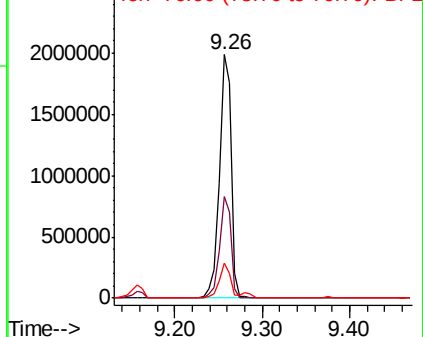


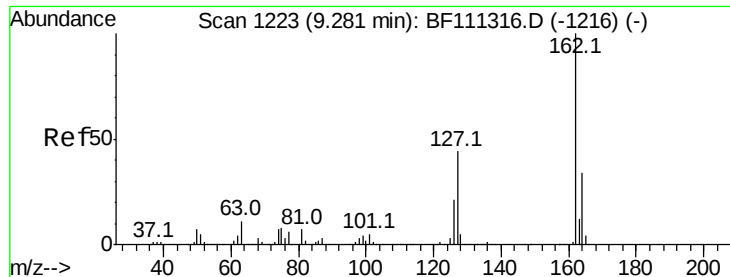
#46
1,1'-Biphenyl
Concen: 39.794 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	23.7	63.7
76	14.3	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





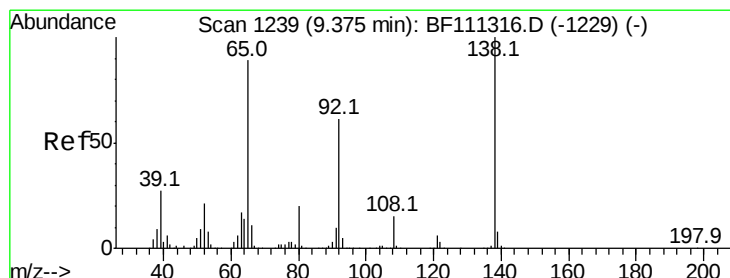
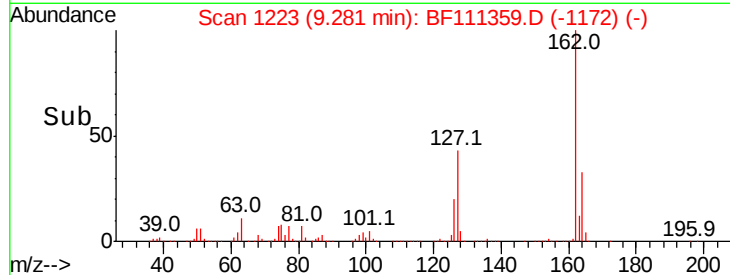
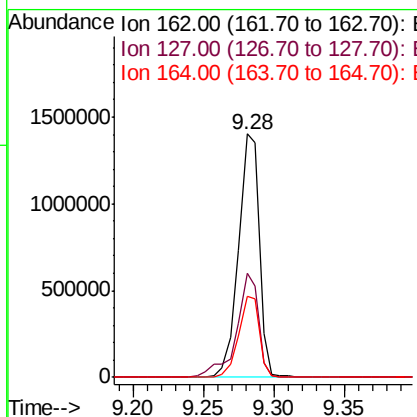
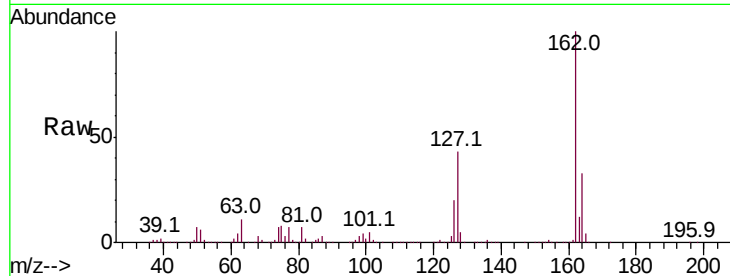
#47
 2-Chloronaphthalene
 Concen: 40.281 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BF111359.D
 Acq: 13 Dec 2018 9:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	1441517
Ion	Ratio	Lower	Upper
162	100		
127	42.9	35.0	52.4
164	33.3	28.4	42.6

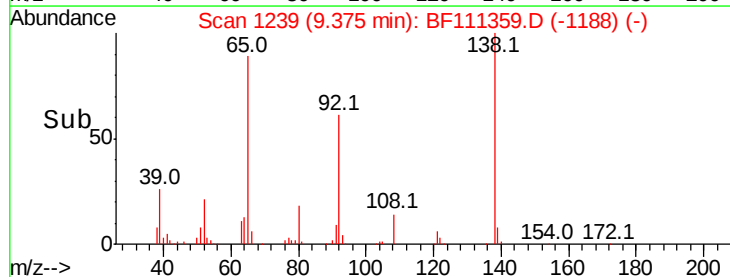
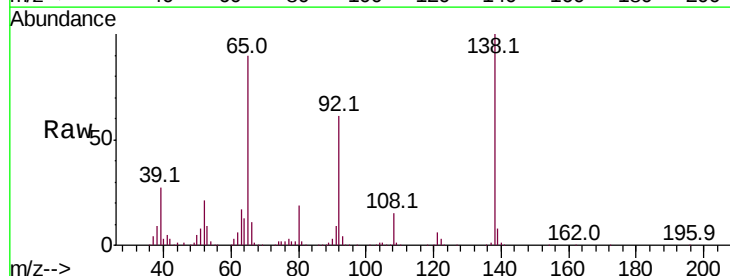
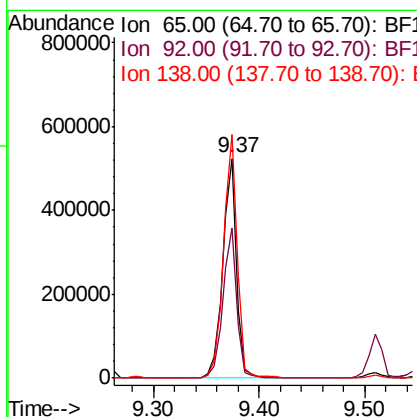
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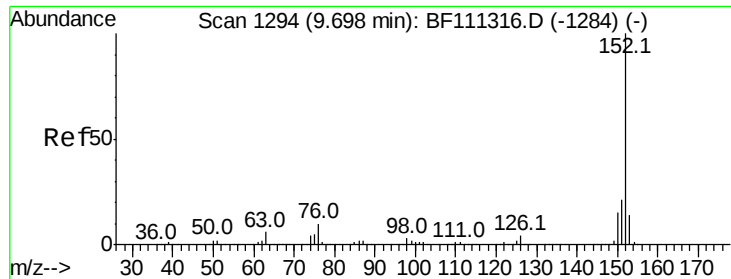
Sohil
 12/14/2018 12:37:00 PM



#48
 2-Nitroaniline
 Concen: 41.410 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BF111359.D
 Acq: 13 Dec 2018 9:51

Tgt Ion:	65	Resp:	481552
Ion	Ratio	Lower	Upper
65	100		
92	68.1	53.5	80.3
138	110.9	80.9	121.3





#49

Acenaphthylene

Concen: 39.679 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 2074521

Ion Ratio Lower Upper

152 100

151 21.1 18.0 27.0

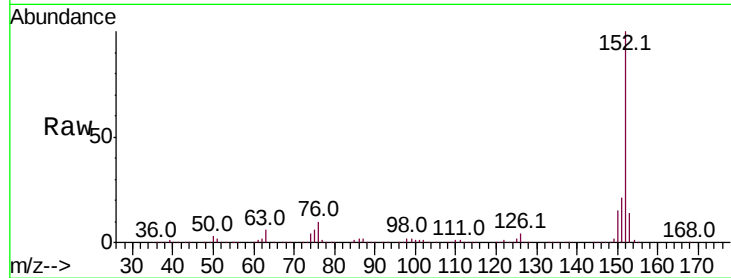
153 13.7 12.3 18.5

Manual Integrations

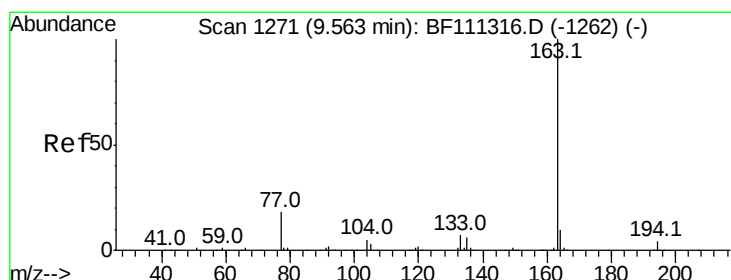
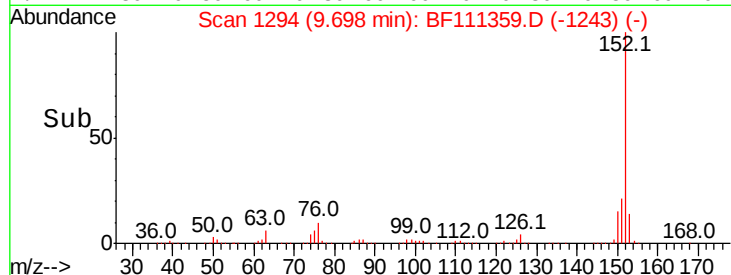
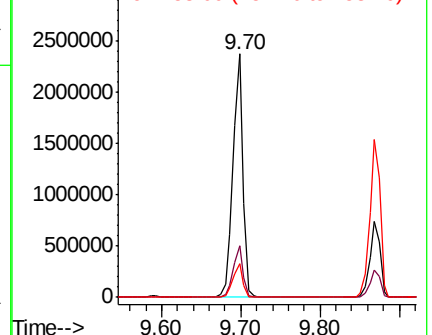
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.487 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

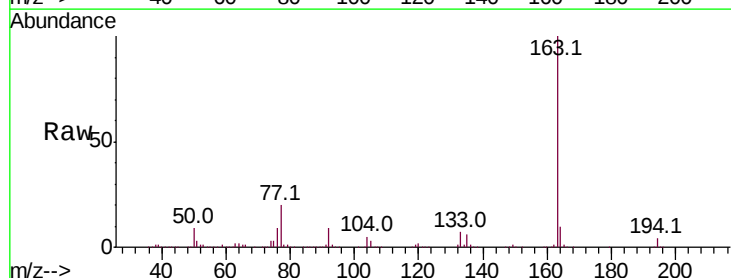
Tgt Ion:163 Resp: 1555135

Ion Ratio Lower Upper

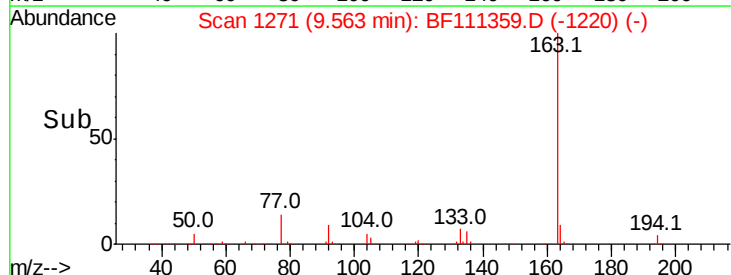
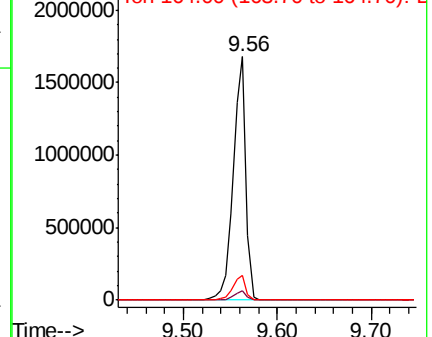
163 100

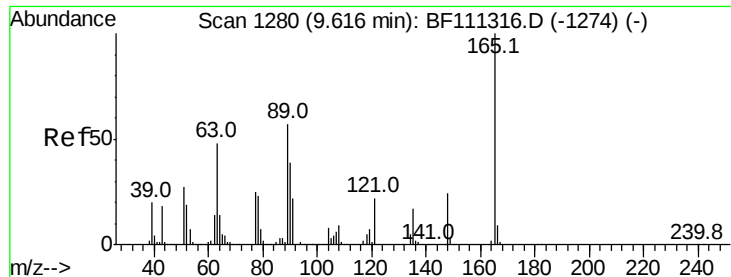
194 3.9 3.0 4.6

164 10.1 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





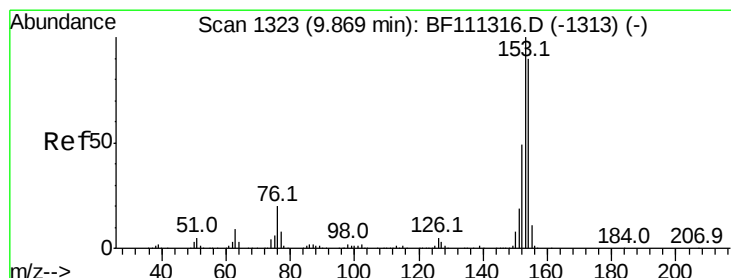
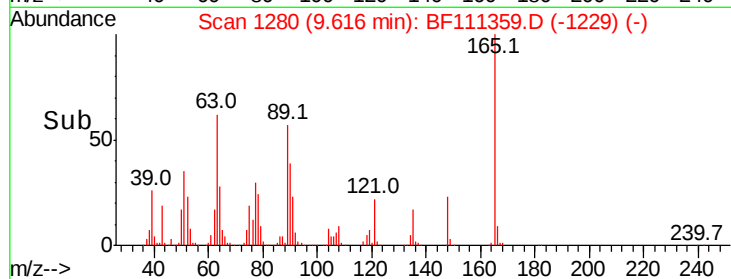
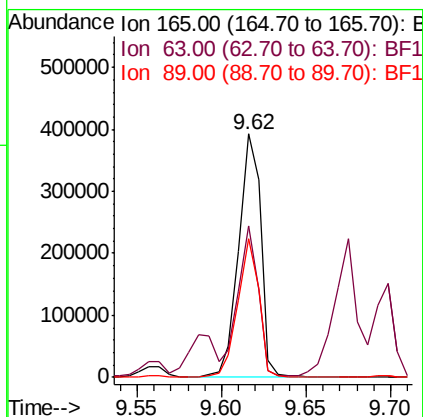
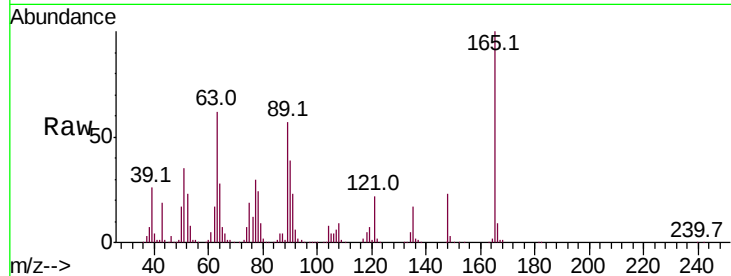
#51
2,6-Dinitrotoluene
Concen: 41.171 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	359417		
63	62.0		40.5	60.7#
89	56.8		40.0	60.0

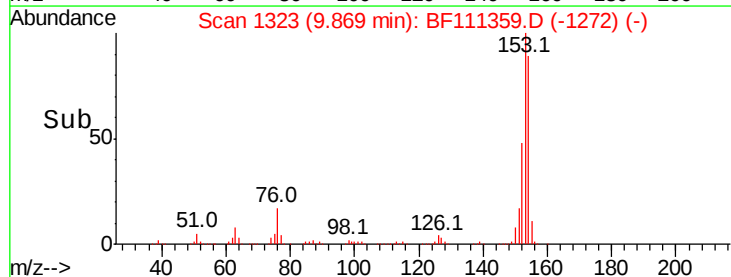
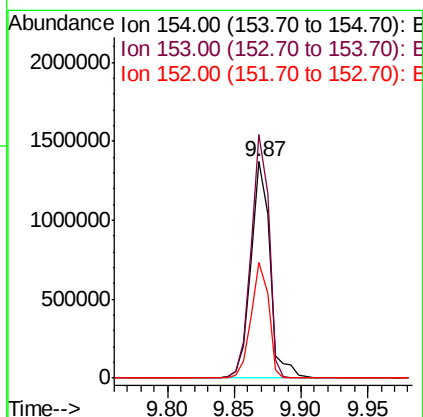
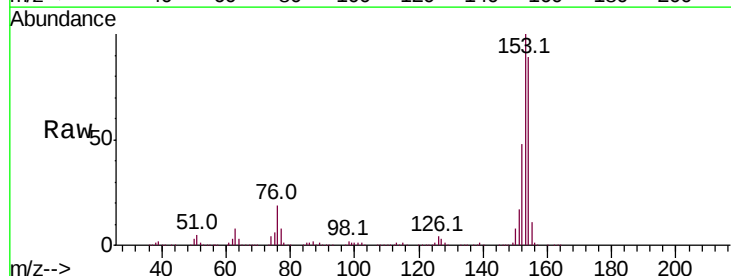
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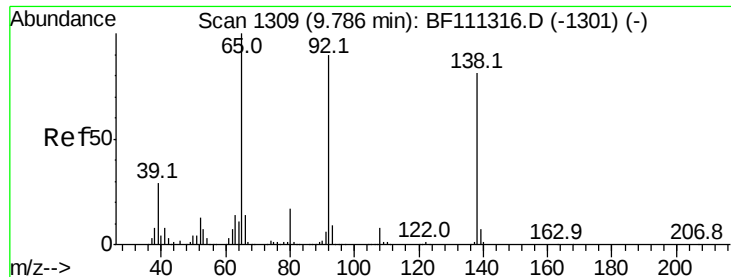
Sohil
12/14/2018 12:37:00 PM



#52
Acenaphthene
Concen: 40.296 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1328840		
153	112.6		87.8	131.8
152	53.7		43.4	65.2





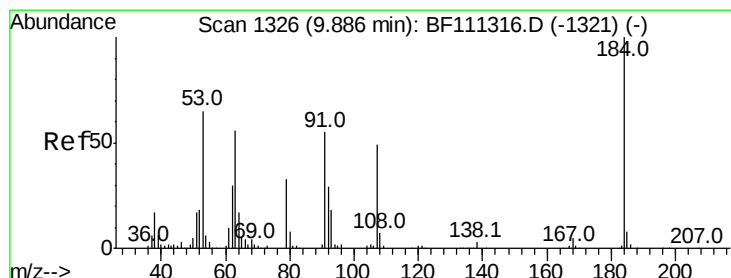
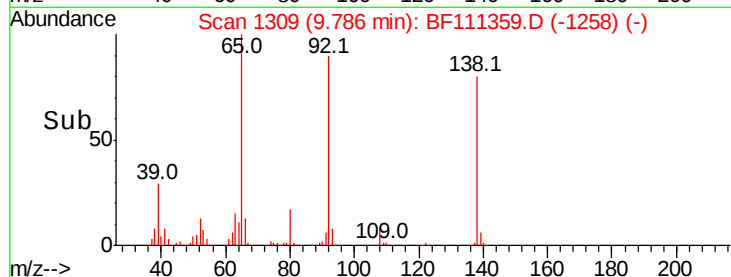
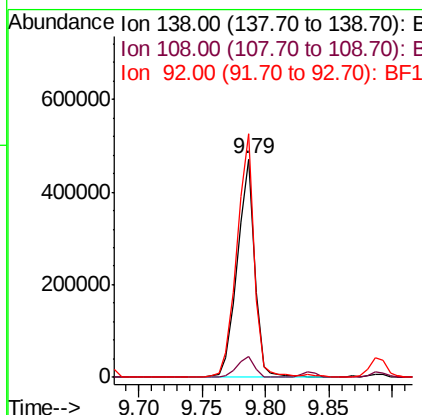
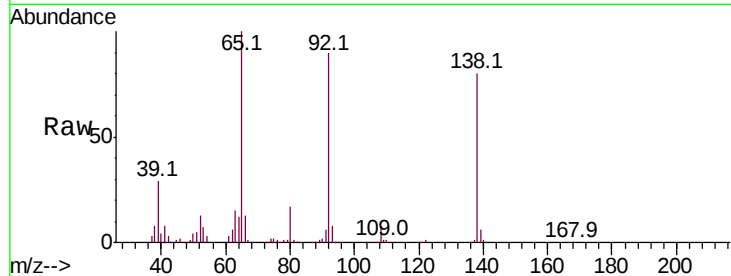
#53
3-Nitroaniline
Concen: 42.198 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.2	12.4
92	111.4	93.4	140.2

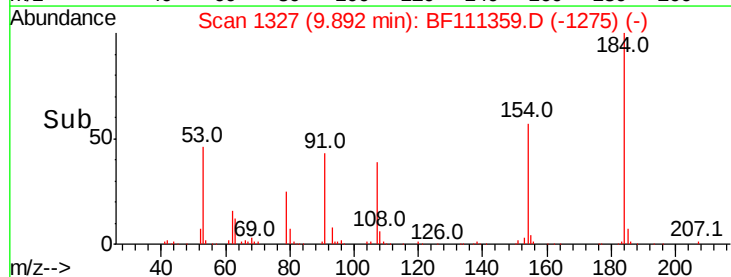
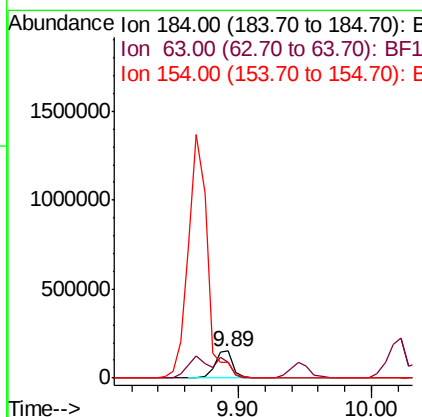
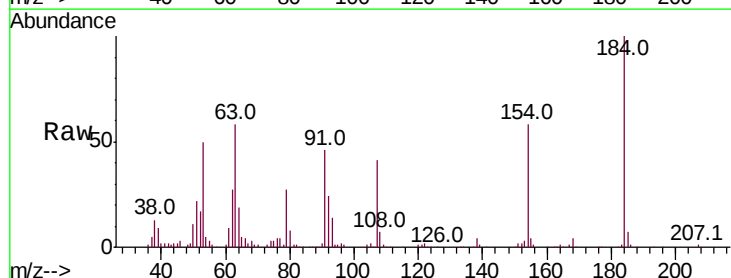
Manual Integrations
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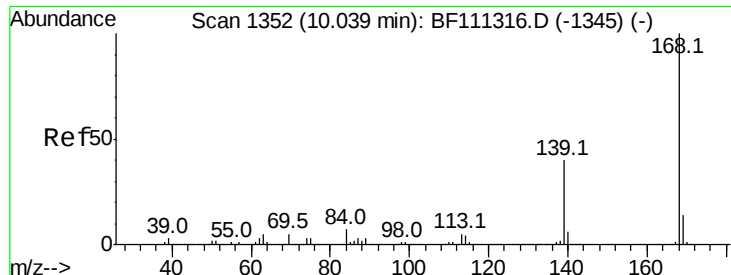
Sohil
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#54
2,4-Dinitrophenol
Concen: 42.894 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.8	62.3	93.5#
154	57.6	56.2	84.2





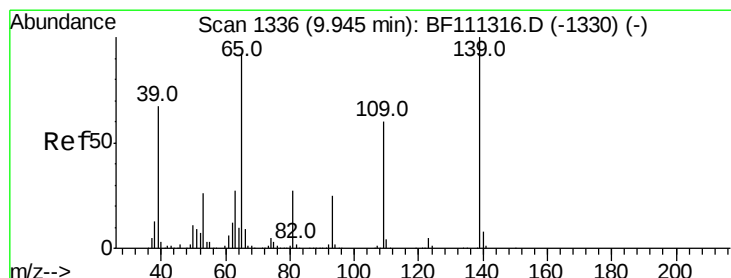
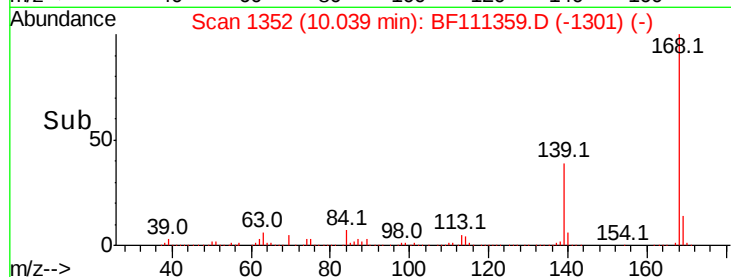
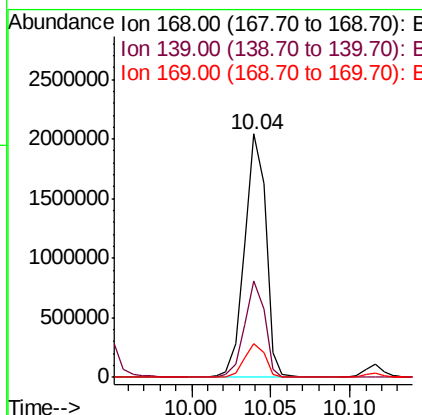
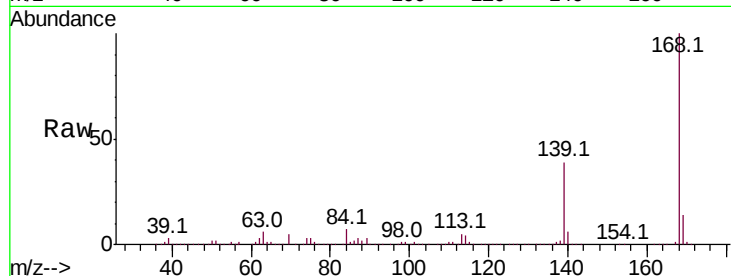
#55
Dibenzenofuran
Concen: 39.943 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	32.6	49.0
169	13.8	11.8	17.6

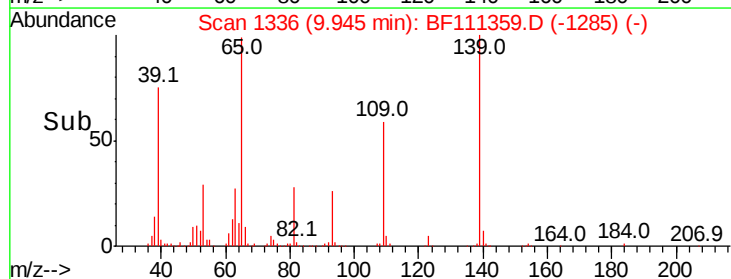
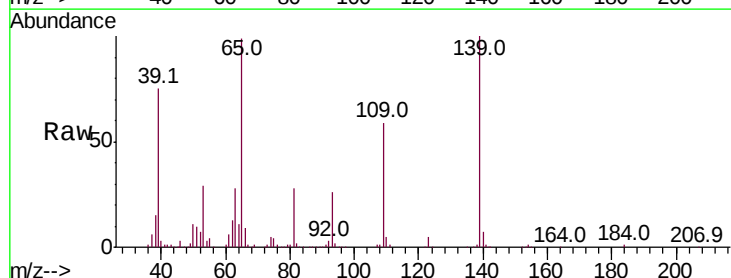
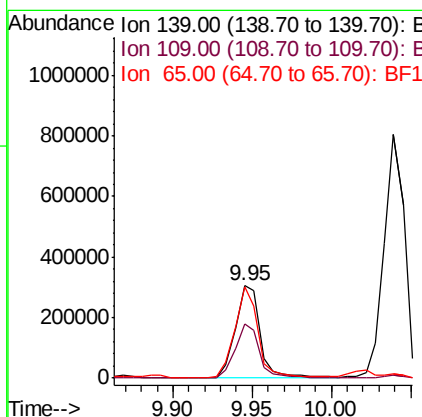
Manual Integrations
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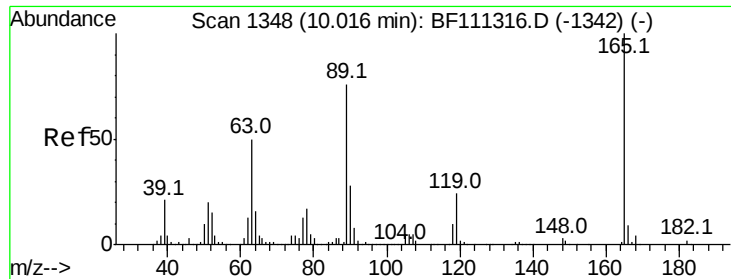
Sohil
12/14/2018 12:37:00 PM



#56
4-Nitrophenol
Concen: 43.939 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.1	41.8	81.8
65	99.4	79.6	119.6





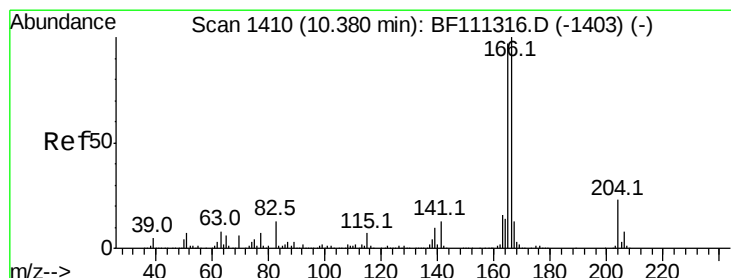
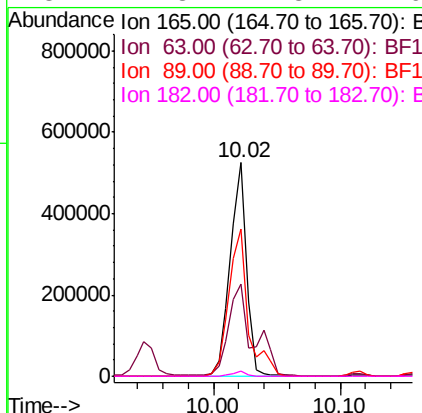
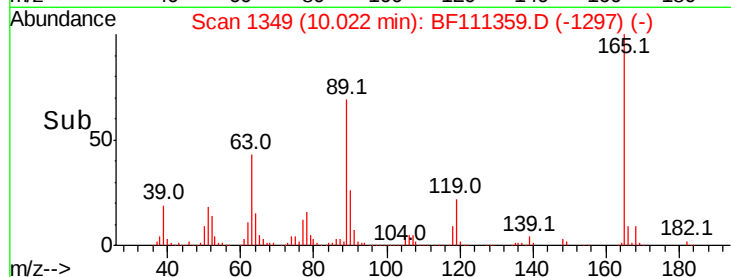
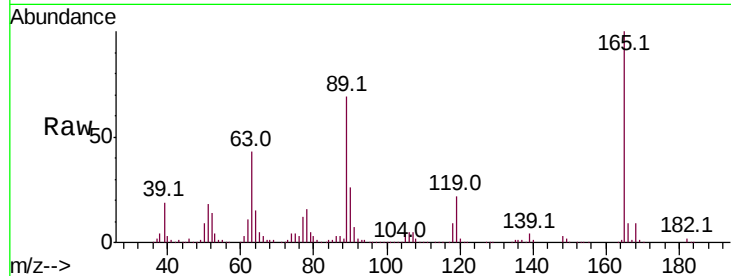
#57
2,4-Dinitrotoluene
Concen: 41.806 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	467742		
63	43.2	34.6	52.0	
89	69.1	56.2	84.4	
182	2.3	1.8	2.6	

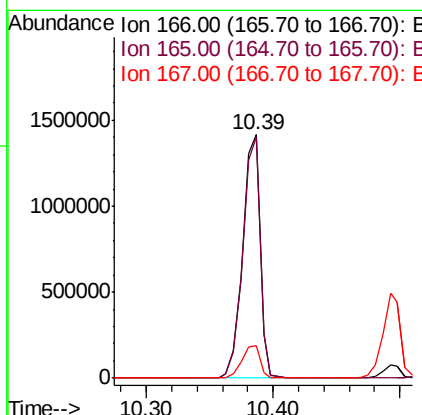
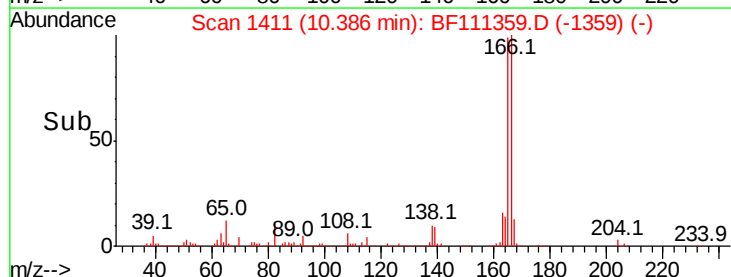
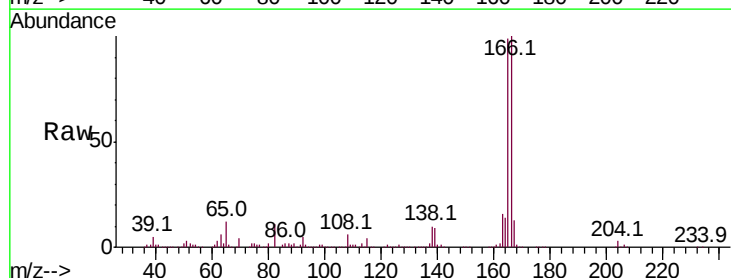
Manual Integrations
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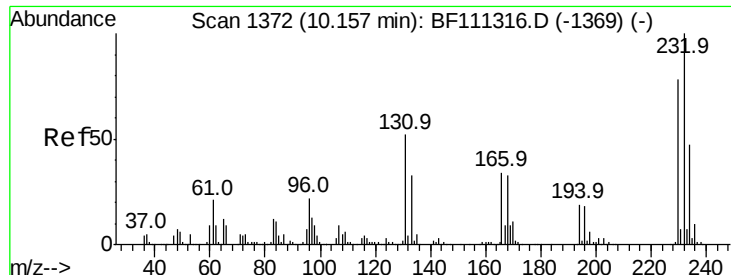
Sohil
12/14/2018 12:37:00 PM



#58
Fluorene
Concen: 39.266 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1337221		
165	98.8	78.4	117.6	
167	13.3	11.2	16.8	





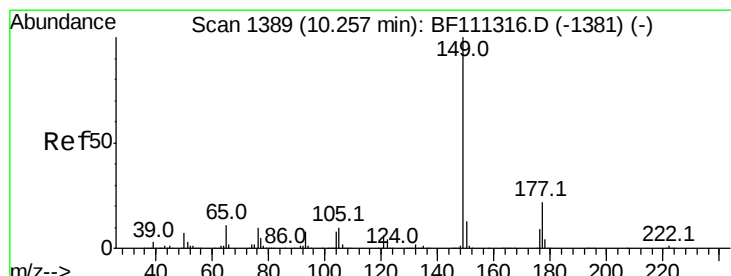
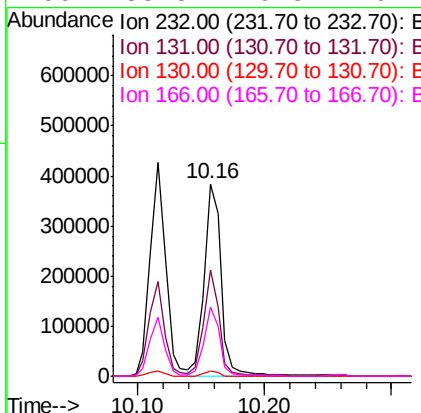
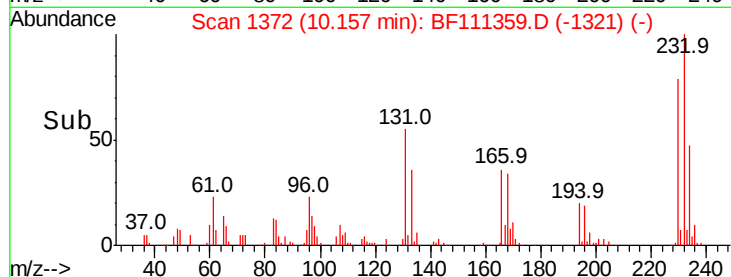
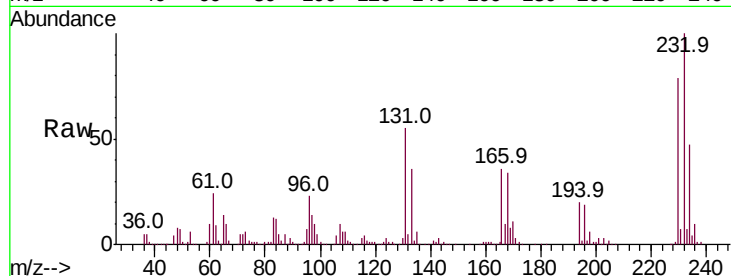
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.790 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. 0.00 min
 Lab File: BF111359.D
 Acq: 13 Dec 2018 9:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	50.3	40.9	61.3
130	2.5	2.0	3.0
166	33.8	26.8	40.2

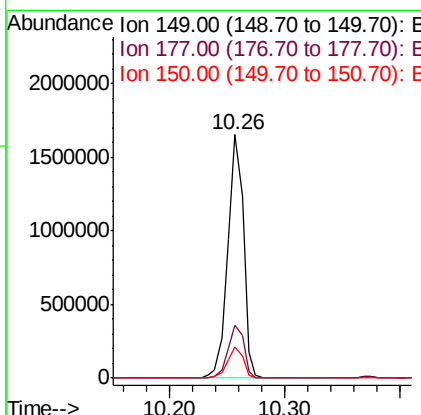
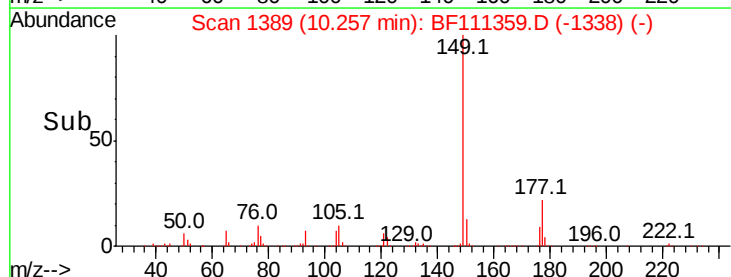
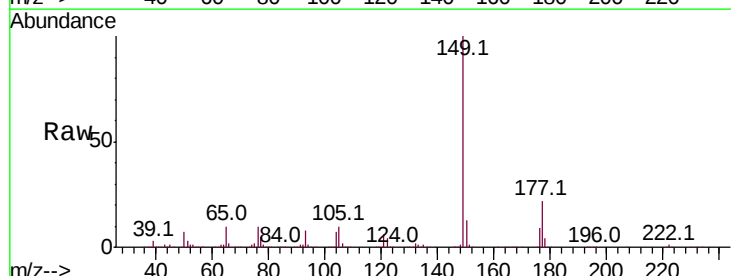
Manual Integrations
 APPROVED

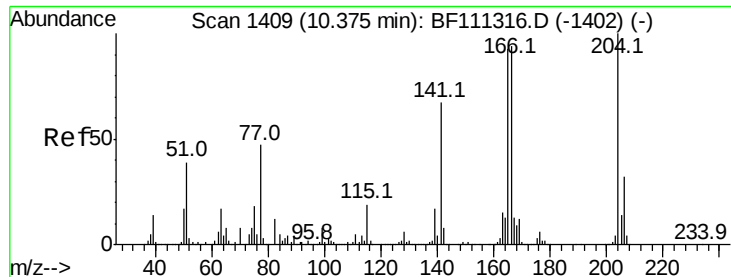
Sohil
 12/14/2018 12:37:00 PM



#60
 Diethylphthalate
 Concen: 39.082 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF111359.D
 Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	18.3	27.5
150	12.7	10.6	15.8





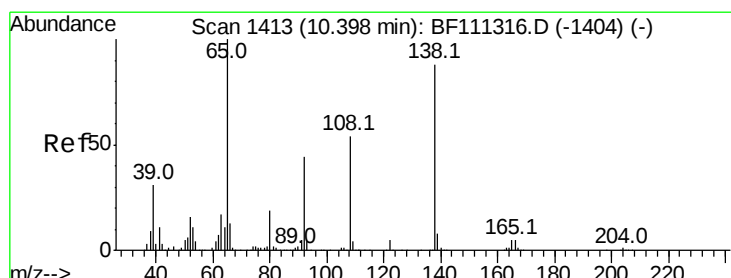
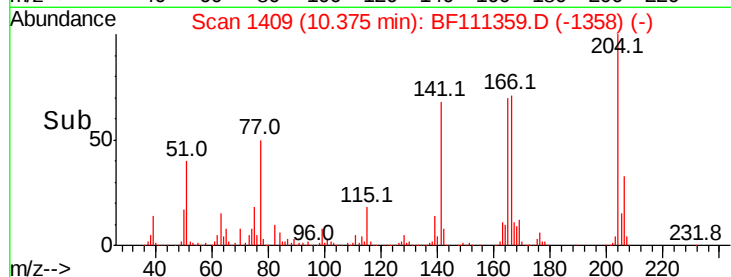
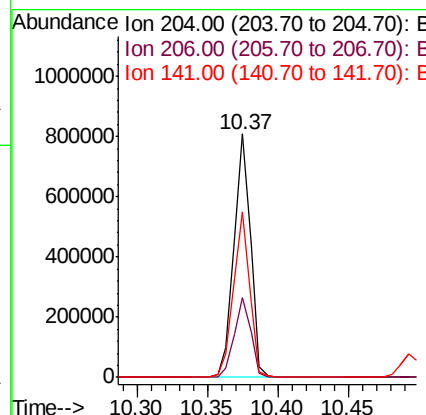
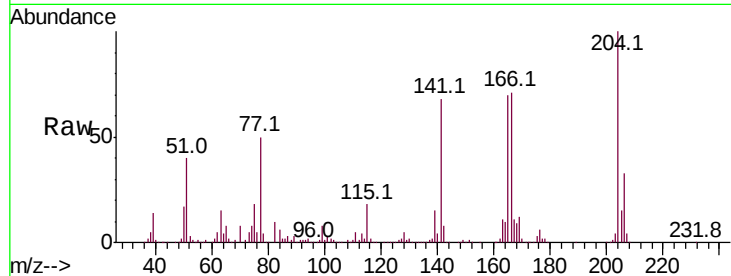
#61
4-Chlorophenyl-phenylether
Concen: 39.230 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	67.9	52.6	78.8

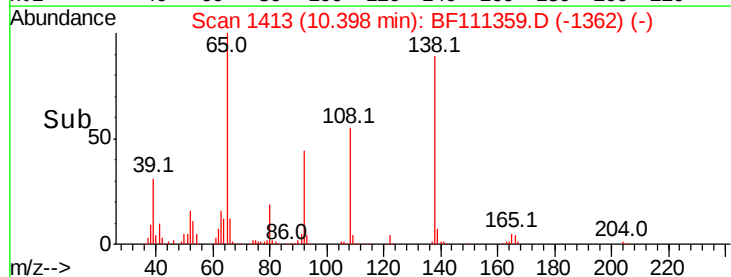
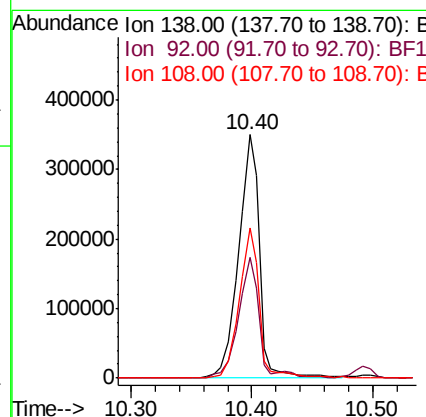
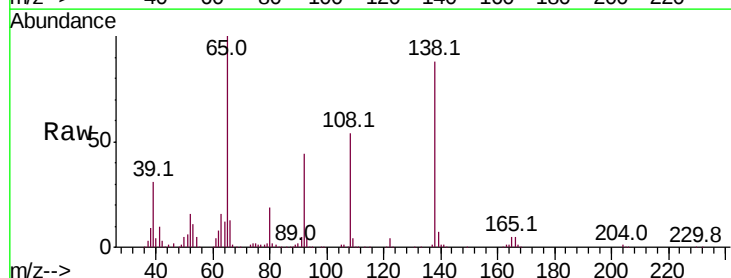
Manual Integrations
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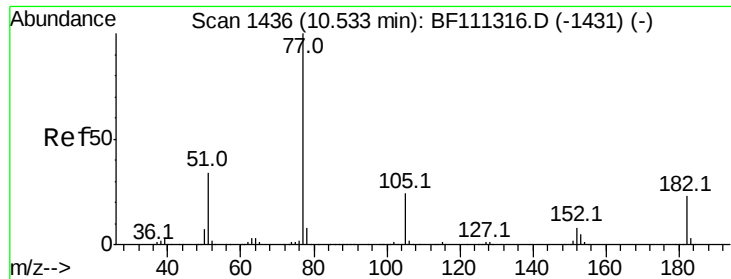
Sohil
12/14/2018 12:37:00 PM



#62
4-Nitroaniline
Concen: 42.128 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	29.9	69.9
108	61.6	43.2	83.2





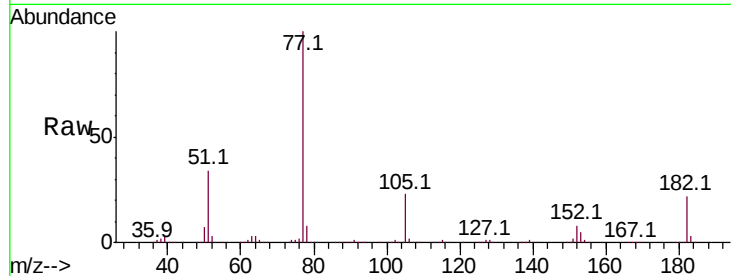
#63
Azobenzene
Concen: 39.322 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.0	4.9	44.9
105	23.0	6.0	46.0
51	33.7	14.7	54.7

Manual Integrations
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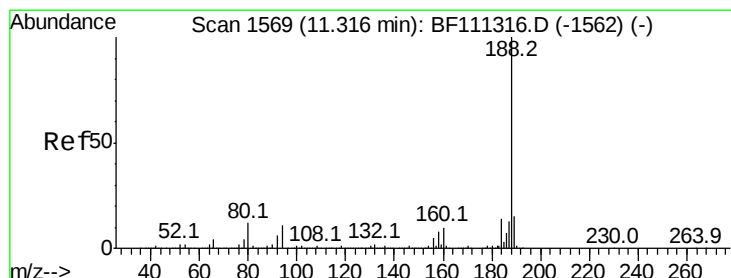
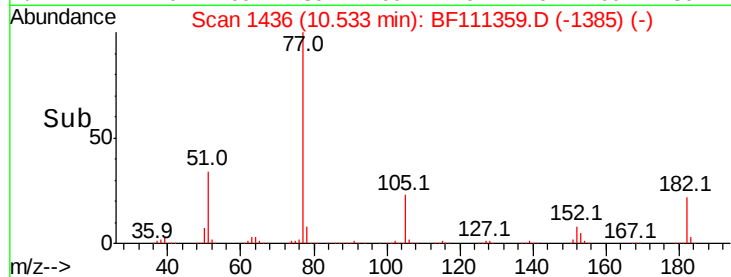
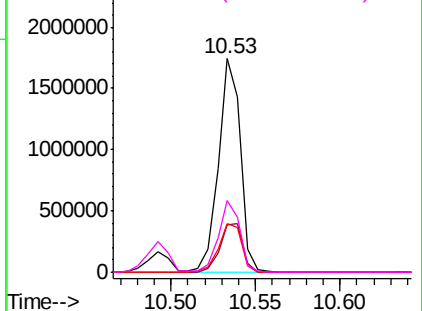
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

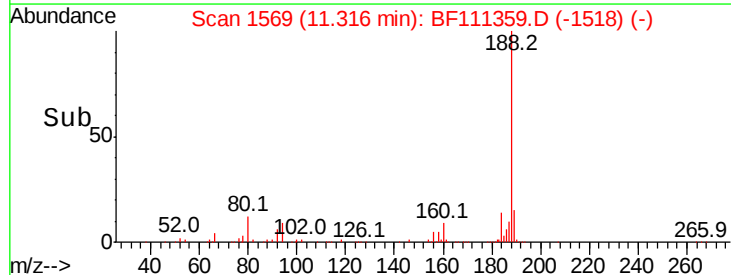
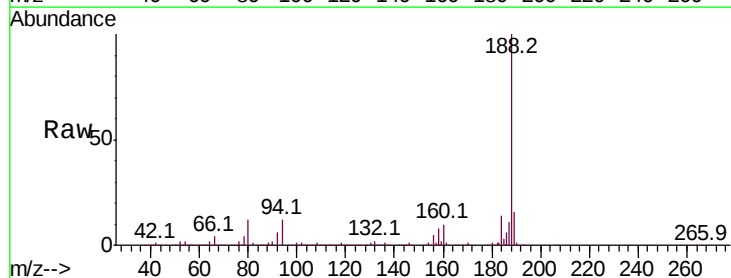
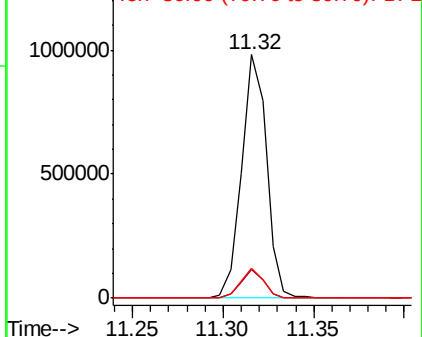
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.6	14.4
80	12.3	9.8	14.6

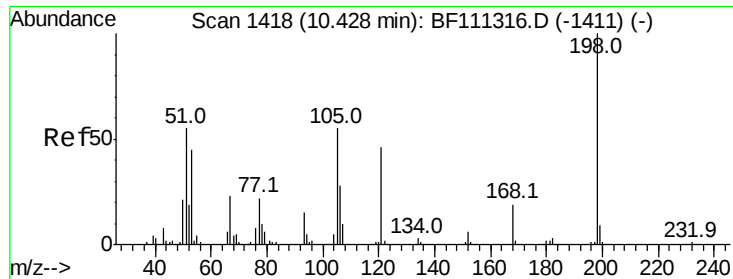
Abundance

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





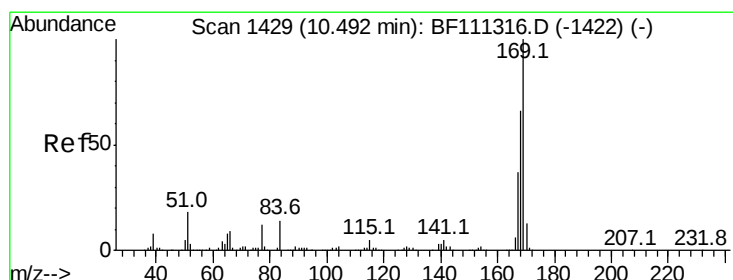
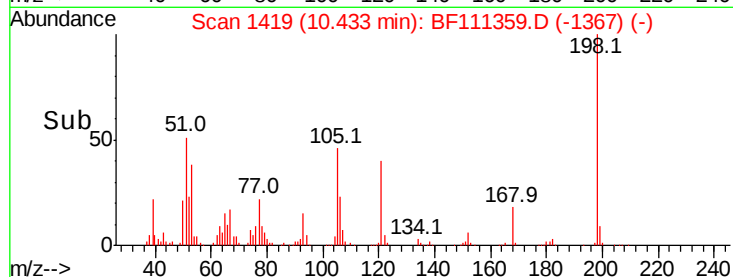
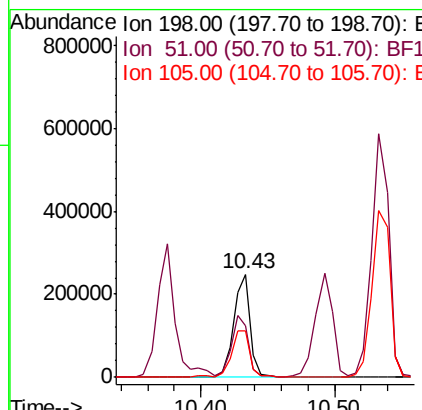
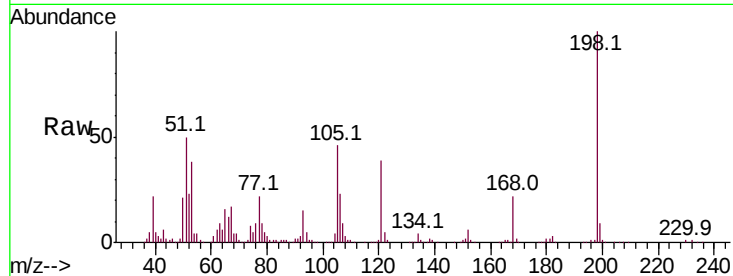
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.185 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: BF111359.D
 Acq: 13 Dec 2018 9:51

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	217000		
51	50.4	48.0	88.0	
105	45.8	34.0	74.0	

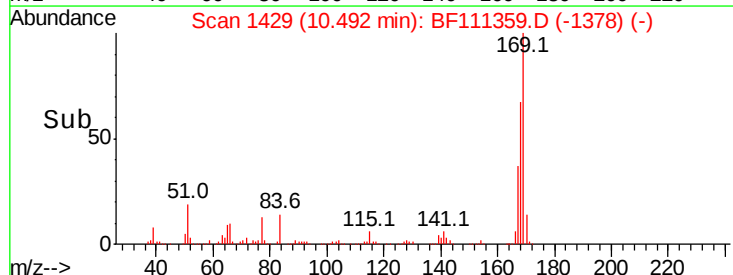
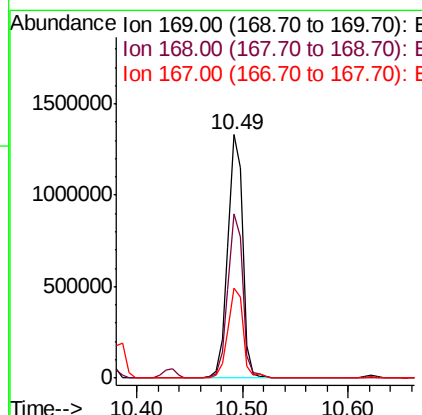
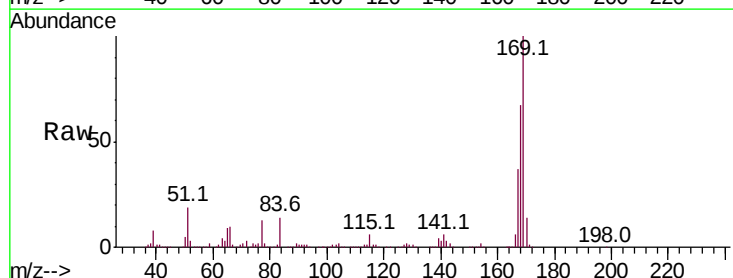
Manual Integrations
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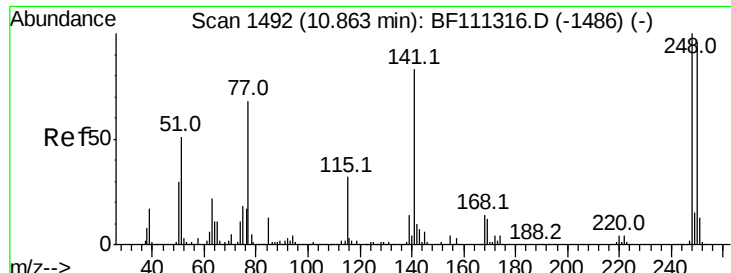
Sohil
 12/14/2018 12:37:00 PM



#66
 n-Nitrosodiphenylamine
 Concen: 39.036 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF111359.D
 Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1306095		
168	67.3	54.4	81.6	
167	37.1	30.5	45.7	





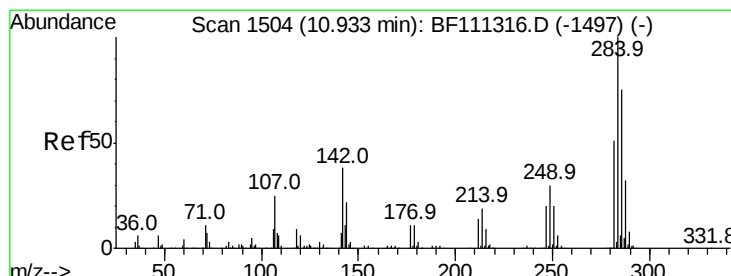
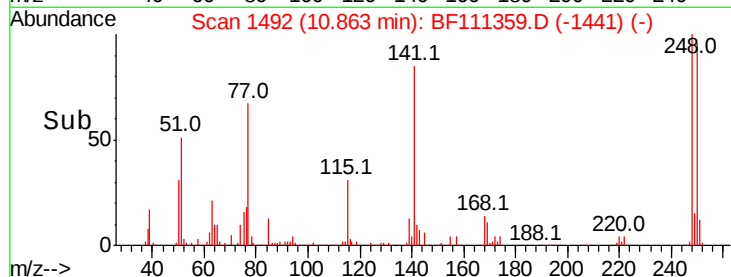
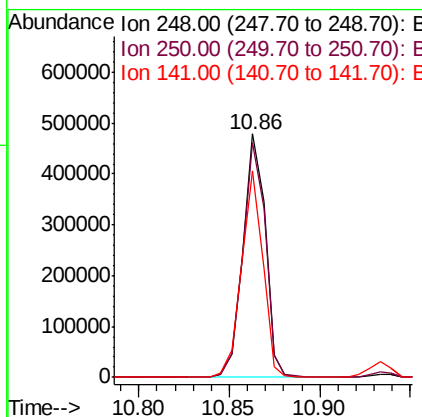
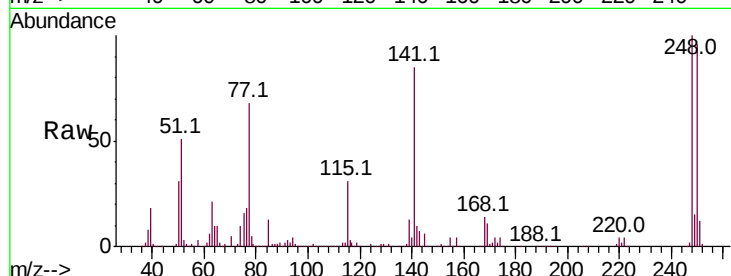
#67
4-Bromophenyl-phenylether
Concen: 39.431 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	77.0	115.4
141	84.7	63.0	94.6

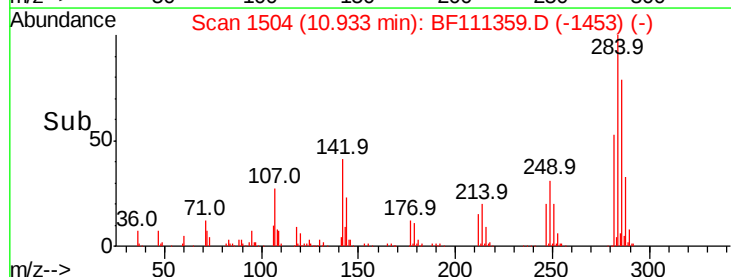
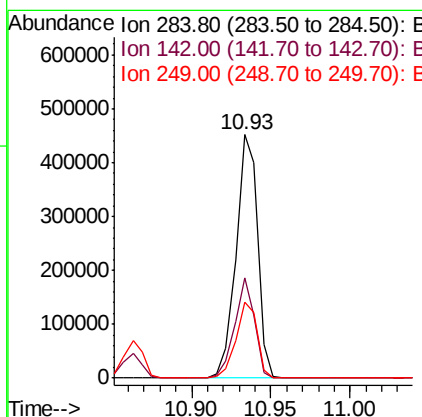
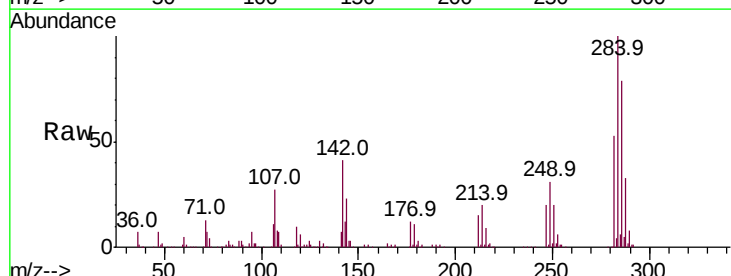
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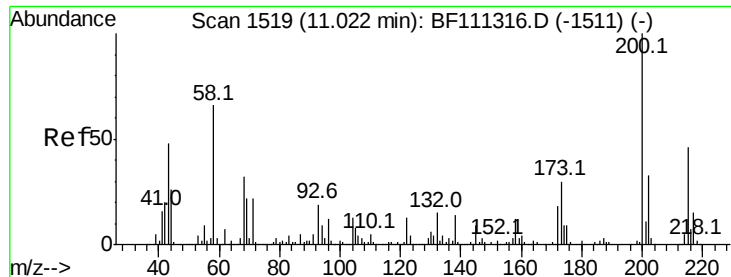
Sohil
12/14/2018 12:37:00 PM



#68
Hexachlorobenzene
Concen: 39.447 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.4	27.4	41.2#
249	31.3	24.4	36.6





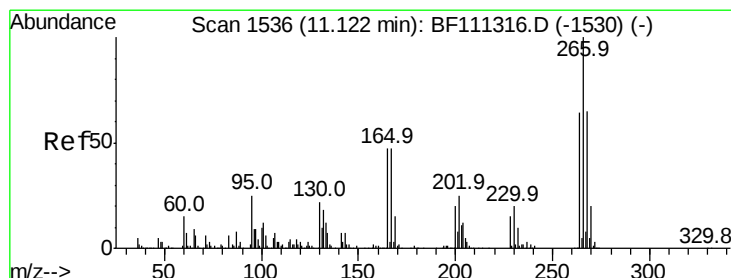
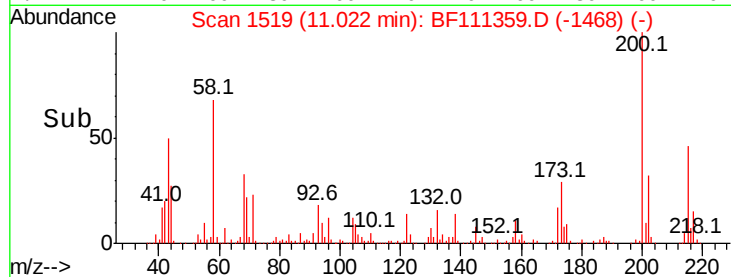
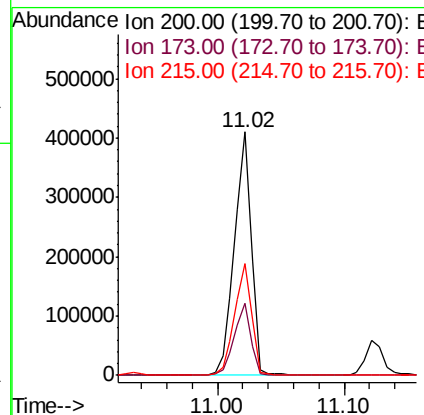
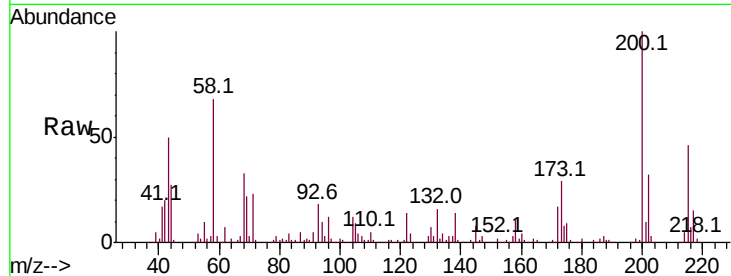
#69
Atrazine
Concen: 39.275 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.4	10.1	50.1
215	46.0	26.9	66.9

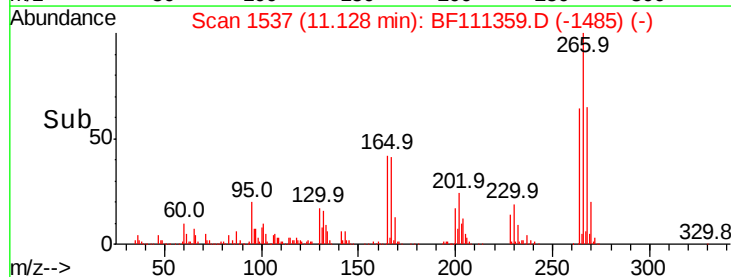
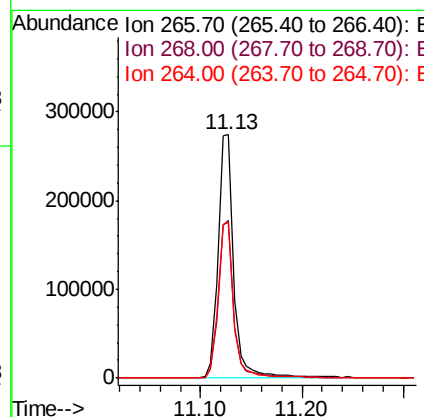
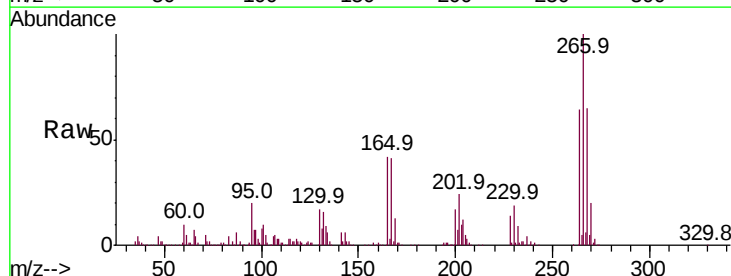
Manual Integrations
APPROVED

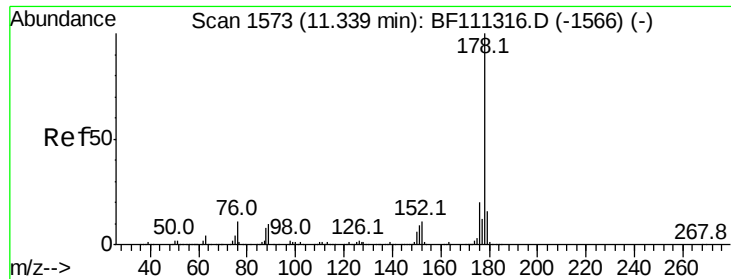
Sohil
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#70
Pentachlorophenol
Concen: 41.623 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	47.9	71.9
264	63.7	49.1	73.7





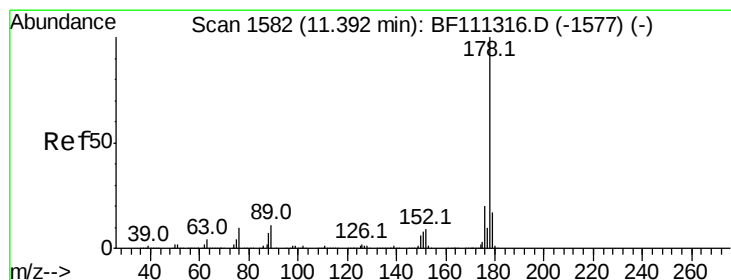
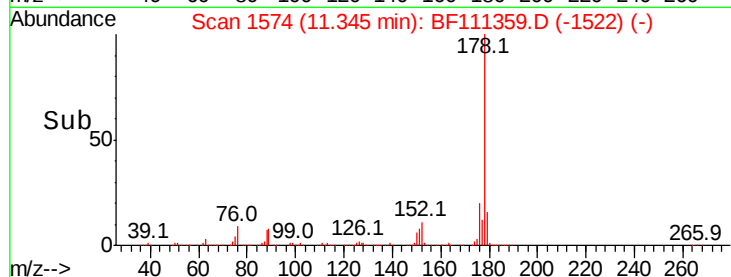
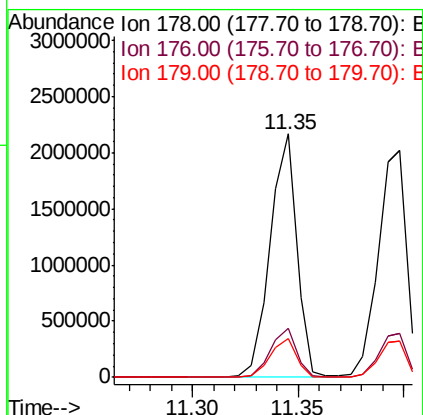
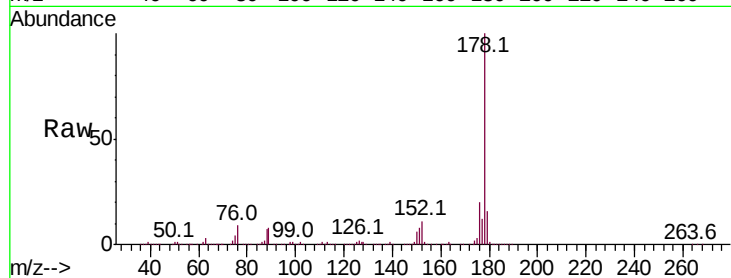
#71
Phenanthrene
Concen: 39.358 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1913504
Ion Ratio Lower Upper
178 100
176 20.1 18.1 27.1
179 15.8 14.0 21.0

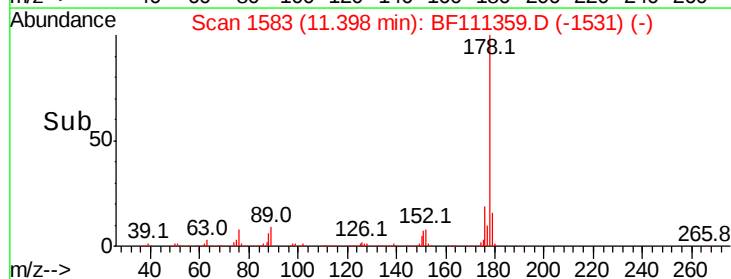
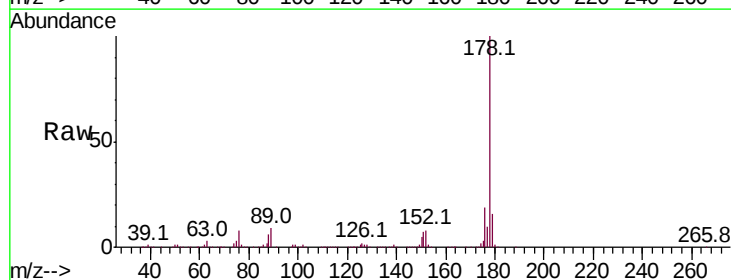
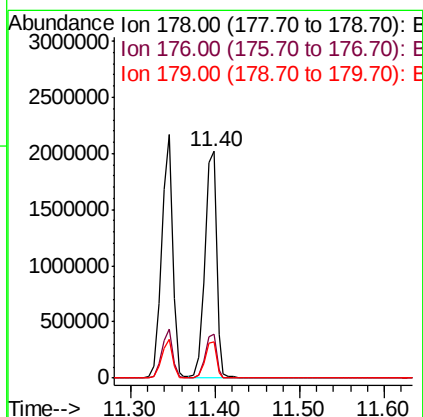
Manual Integrations
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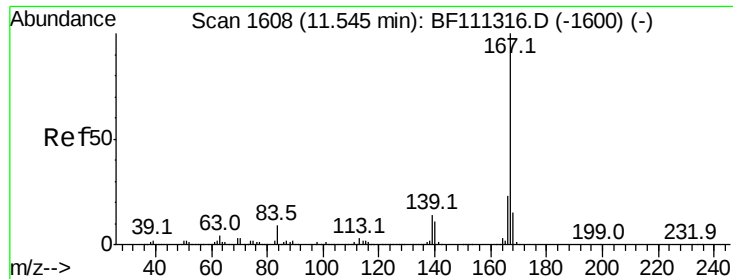
Sohil
12/14/2018 12:37:00 PM



#72
Anthracene
Concen: 39.150 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion:178 Resp: 1938098
Ion Ratio Lower Upper
178 100
176 19.2 17.2 25.8
179 15.7 13.8 20.8





#73
 Carbazole
 Concen: 39.579 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. 0.00 min
 Lab File: BF111359.D
 Acq: 13 Dec 2018 9:51

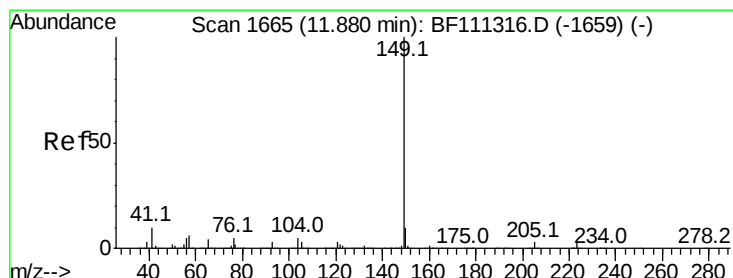
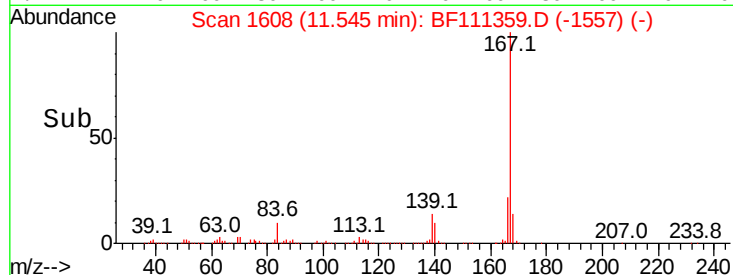
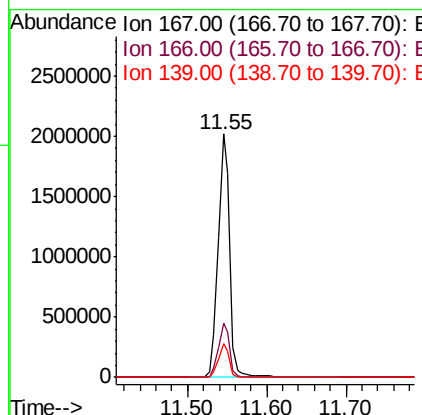
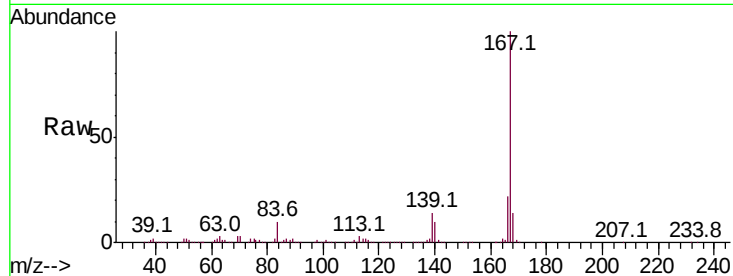
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:167 Resp: 2025955

Ion	Ratio	Lower	Upper
167	100		
166	22.5	19.3	28.9
139	14.0	11.9	17.9

Manual Integrations
 APPROVED

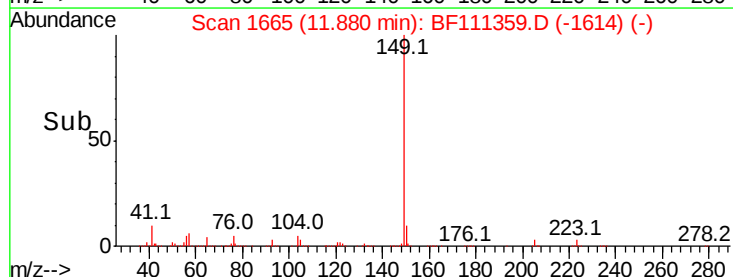
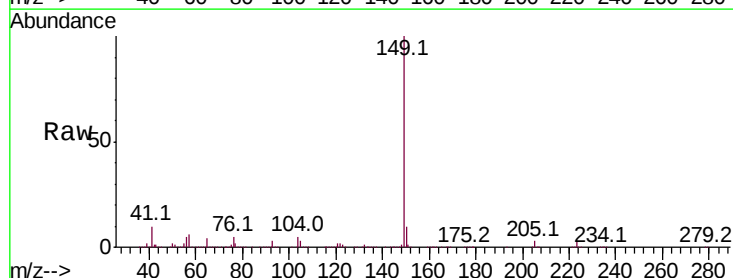
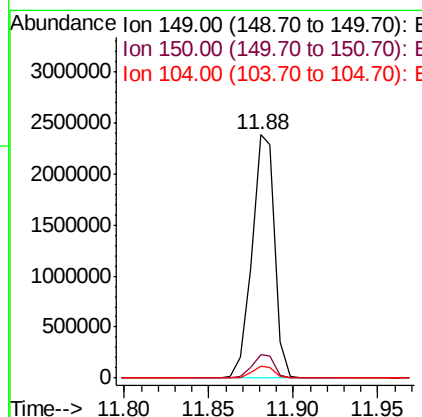
Sohil
 12/14/2018 12:37:00 PM

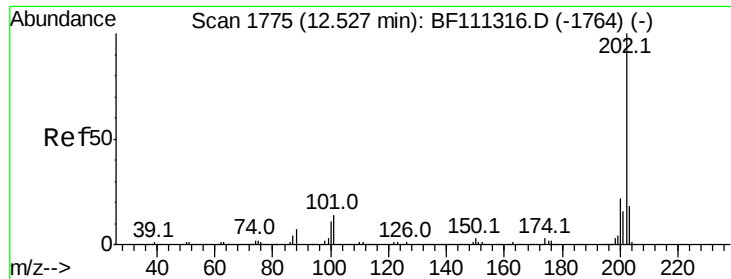


#74
 Di-n-butylphthalate
 Concen: 38.594 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF111359.D
 Acq: 13 Dec 2018 9:51

Tgt Ion:149 Resp: 2249343

Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.8	13.2
104	5.1	4.5	6.7





#75

Fluoranthene

Concen: 39.230 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1861947

Ion Ratio Lower Upper

202 100

101 14.7 0.0 33.8

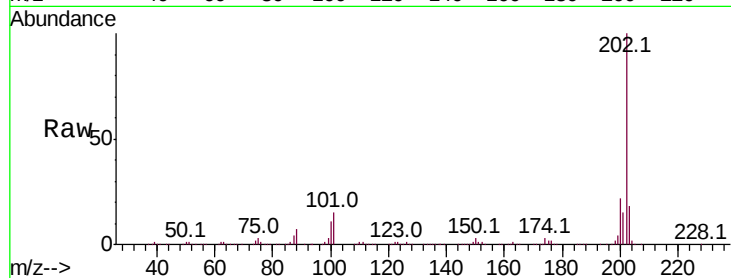
203 18.3 0.0 38.6

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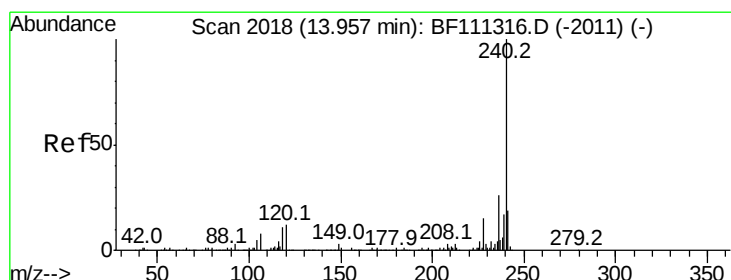
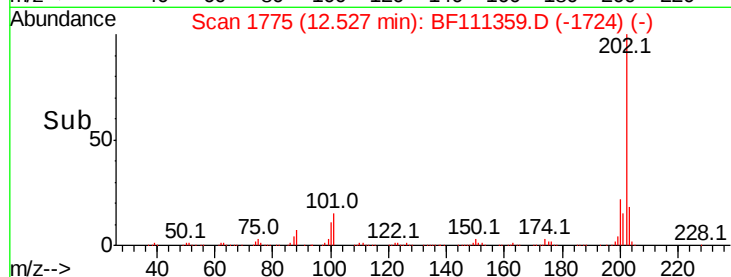
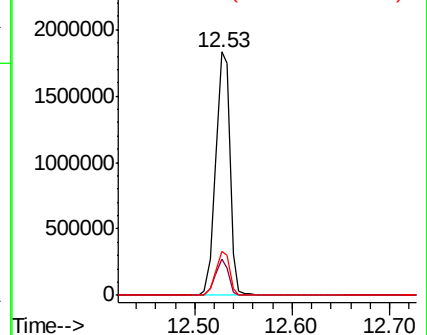
12/14/2018 12:37:00 PM



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# 1818

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

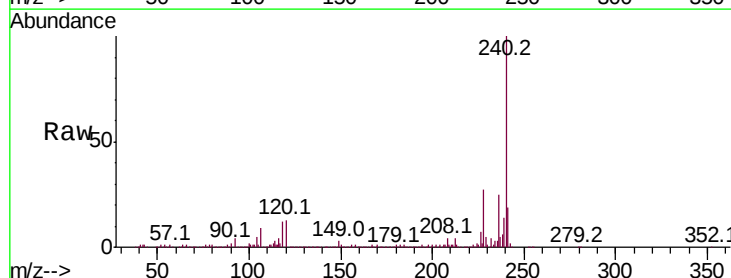
Tgt Ion:240 Resp: 612853

Ion Ratio Lower Upper

240 100

120 12.9 12.2 18.2

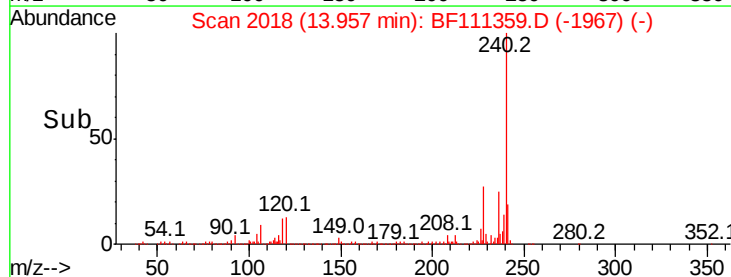
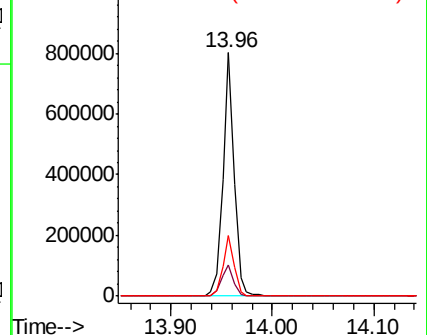
236 25.1 20.2 30.2

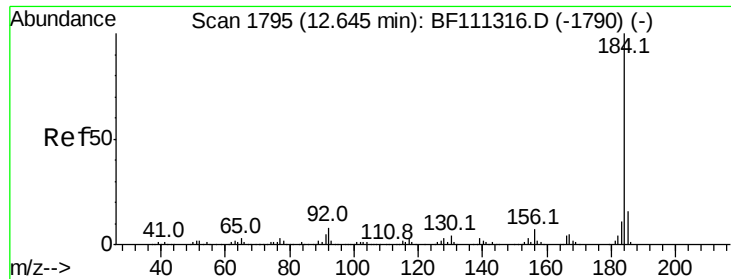


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 79.196 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 915946

Ion Ratio Lower Upper

184 100

185 15.2 13.0 19.6

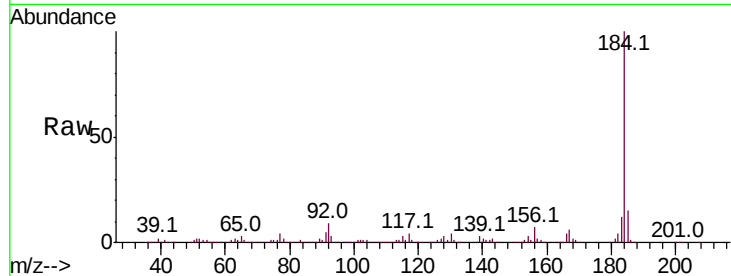
183 11.7 9.3 13.9

Manual Integrations

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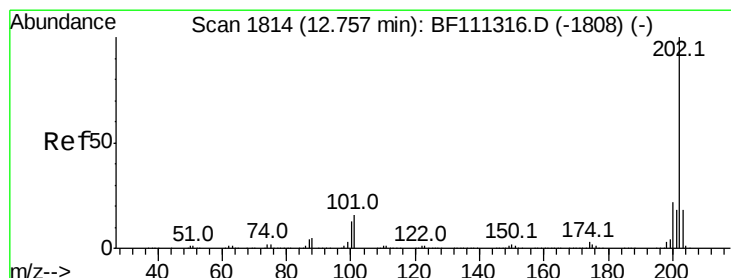
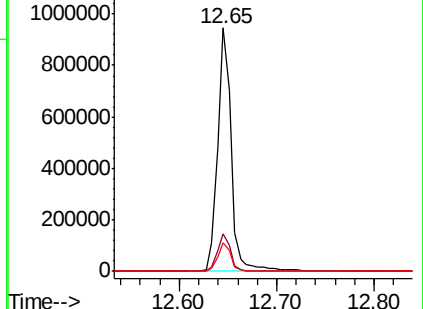
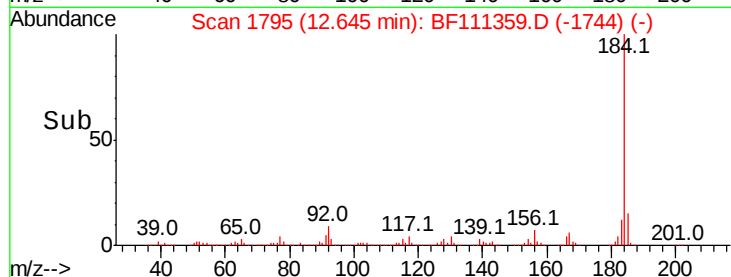
12/14/2018 12:37:00 PM



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: 40.643 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

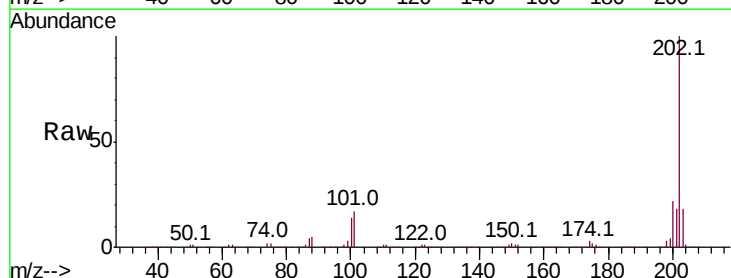
Tgt Ion:202 Resp: 1922342

Ion Ratio Lower Upper

202 100

200 22.4 19.0 28.4

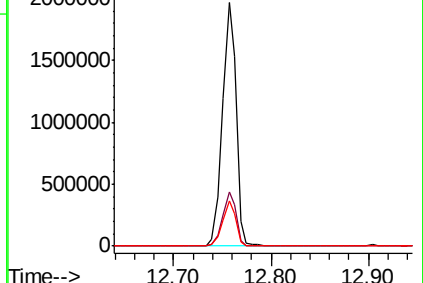
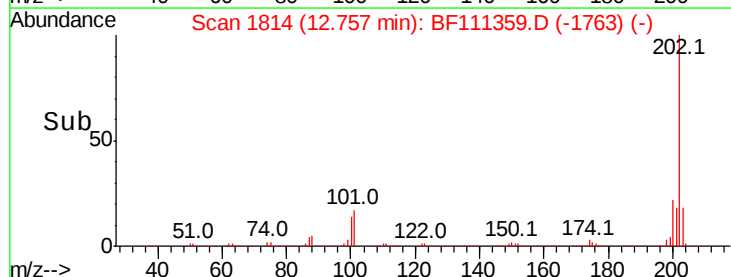
203 18.4 15.2 22.8

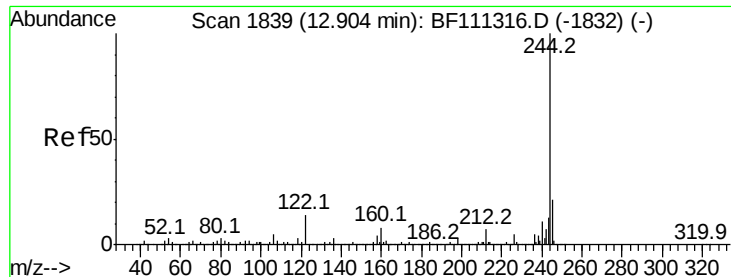


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.562 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 2298935

Ion Ratio Lower Upper

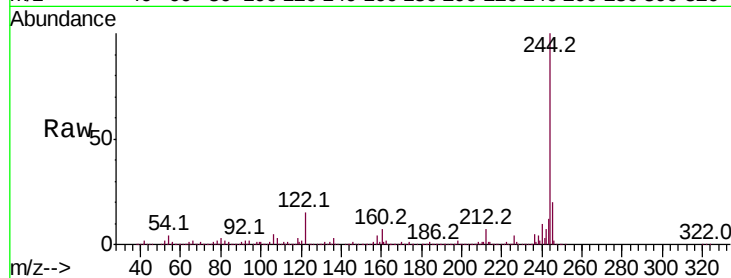
244 100

212 7.0 5.7 8.5

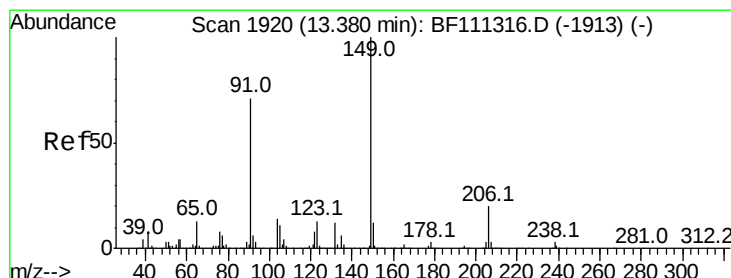
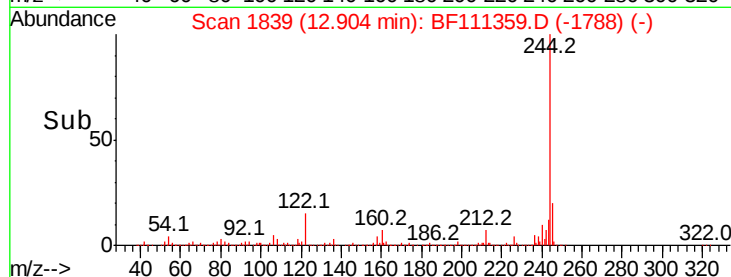
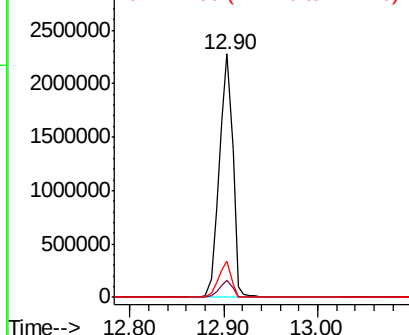
122 14.6 13.1 19.7

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



#80

Butylbenzylphthalate

Concen: 39.551 ng

RT: 13.38 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

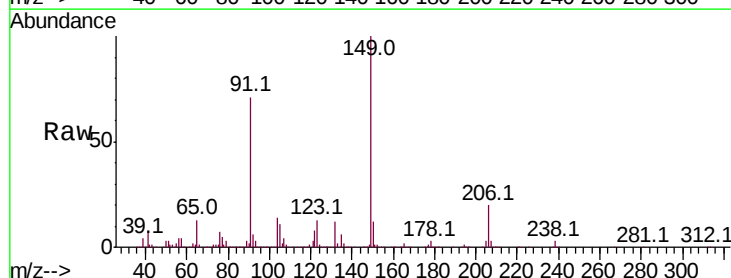
Tgt Ion:149 Resp: 898176

Ion Ratio Lower Upper

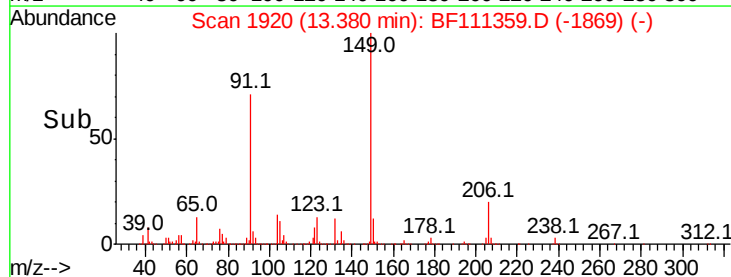
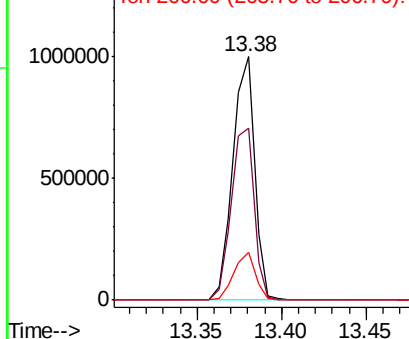
149 100

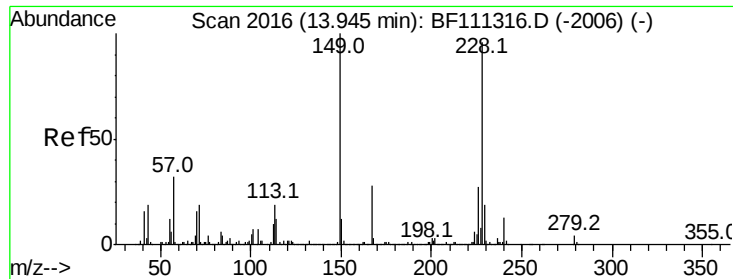
91 70.9 63.8 95.6

206 19.6 15.1 22.7



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





#81

Benzo(a)anthracene

Concen: 38.852 ng

RT: 13.95 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Instrument :

BNA_F

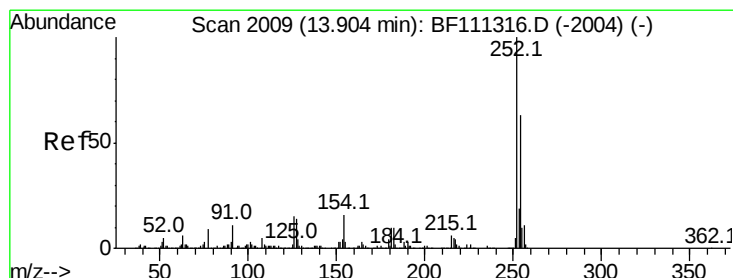
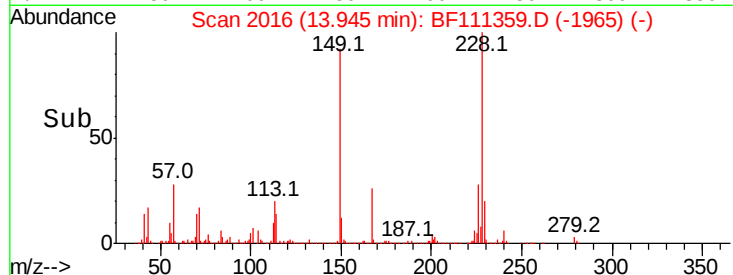
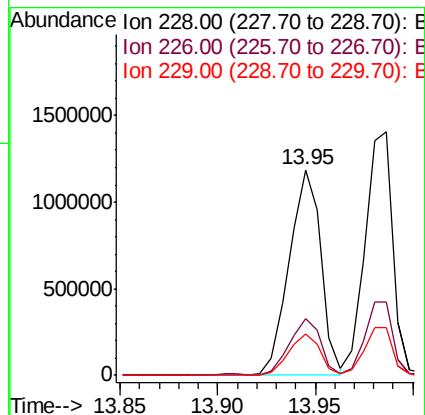
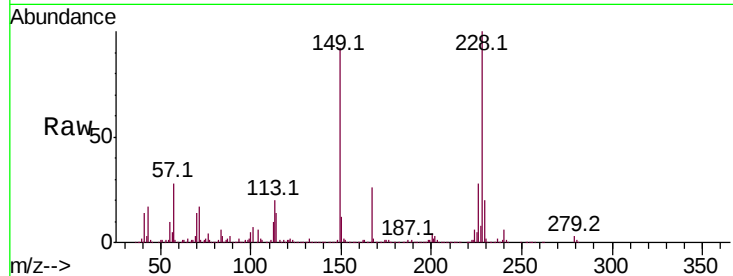
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	1332236
Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	34.0
229	19.9	16.3	24.5

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 41.683 ng

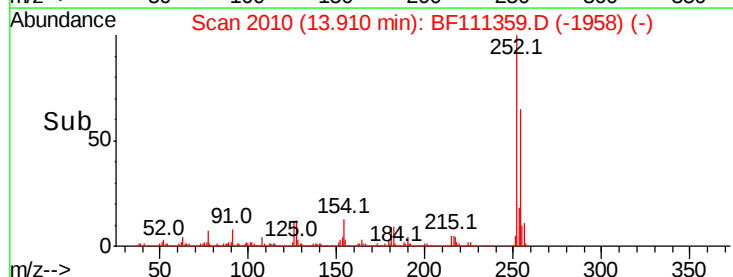
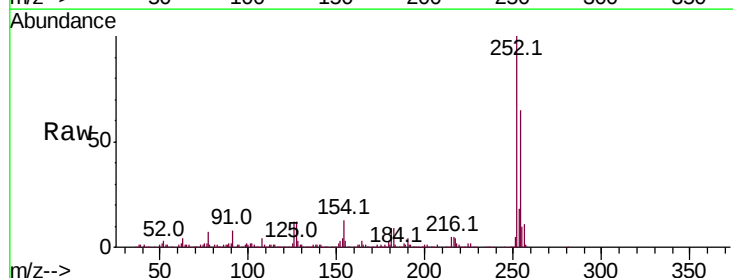
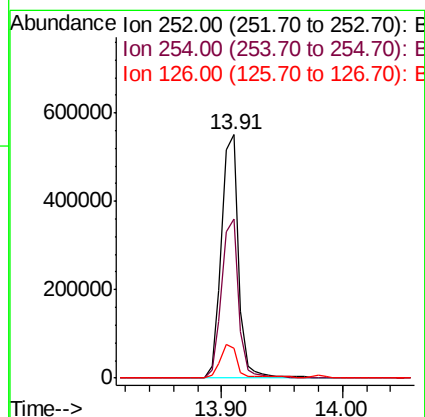
RT: 13.91 min Scan# 2010

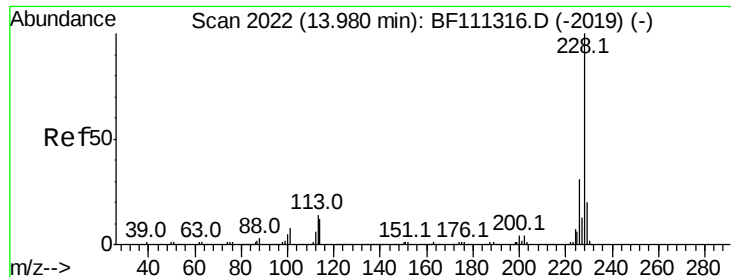
Delta R.T. 0.01 min

Lab File: BF111359.D

Acq: 13 Dec 2018 9:51

Tgt Ion:	252	Resp:	540563
Ion	Ratio	Lower	Upper
252	100		
254	65.4	52.7	79.1
126	12.0	11.1	16.7





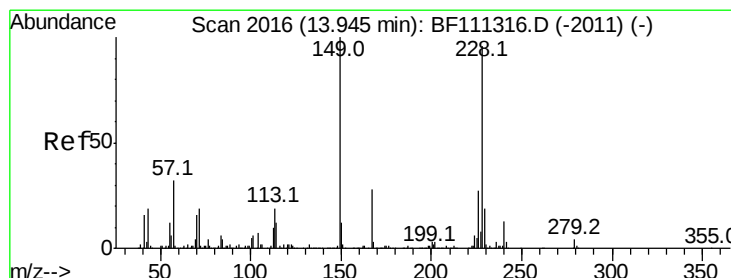
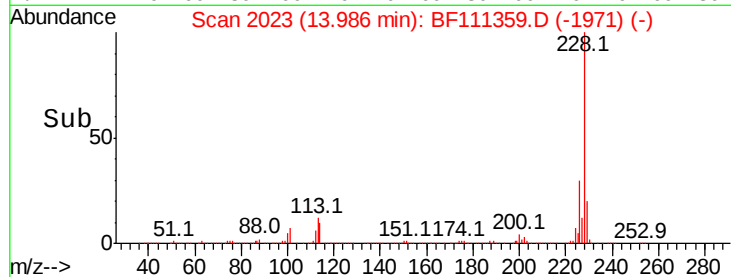
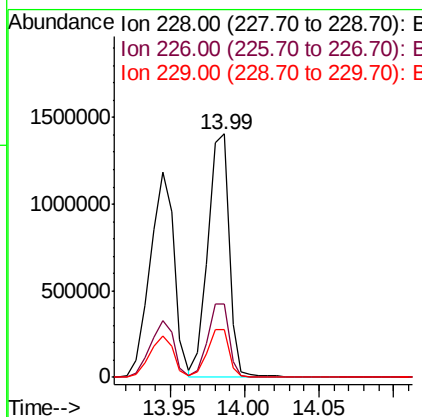
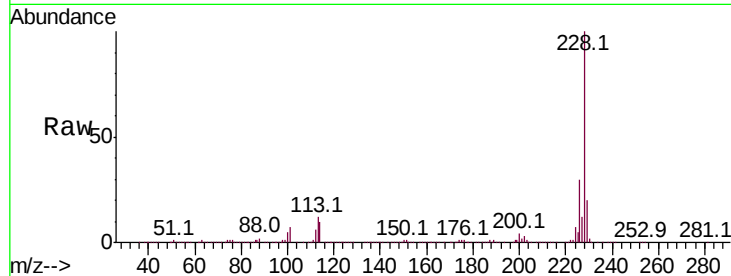
#83
 Chrysene
 Concen: 39.767 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF111359.D
 Acq: 13 Dec 2018 9:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.3	37.9
229	19.7	17.2	25.8

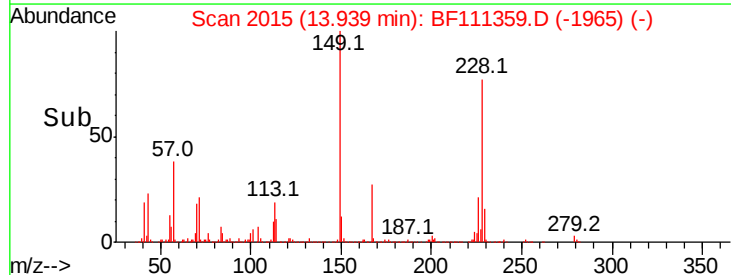
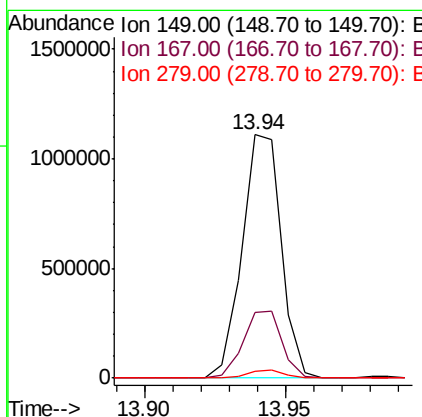
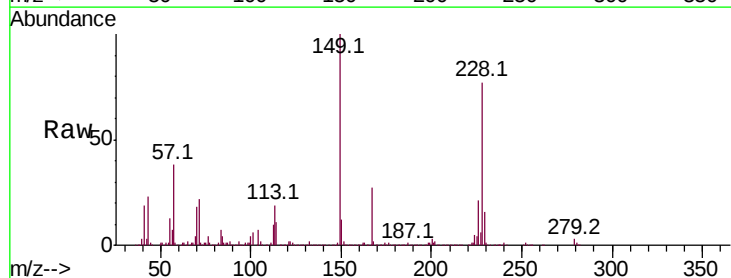
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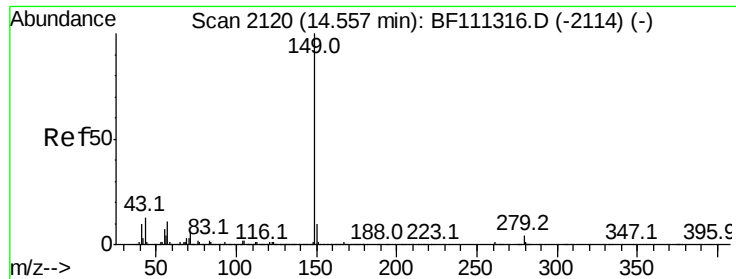
Sohil
 12/14/2018 12:37:00 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.371 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF111359.D
 Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.5	33.7
279	3.0	2.6	4.0





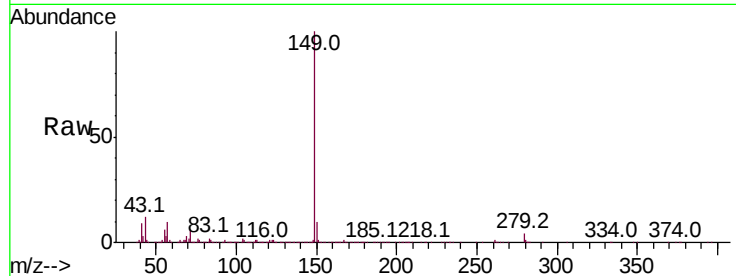
#85
Di-n-octyl phthalate
Concen: 37.445 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

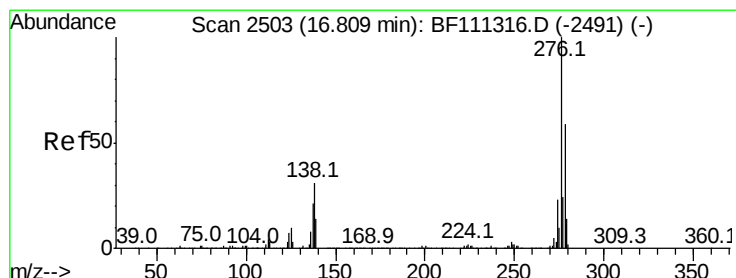
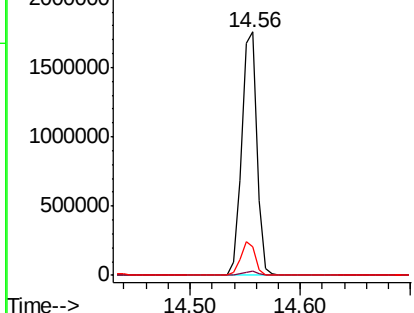
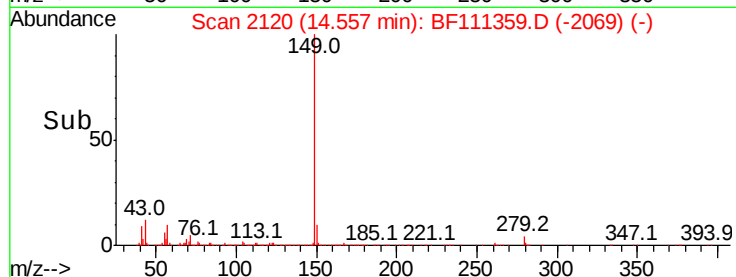
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	13.0	10.9	16.3

Manual Integrations
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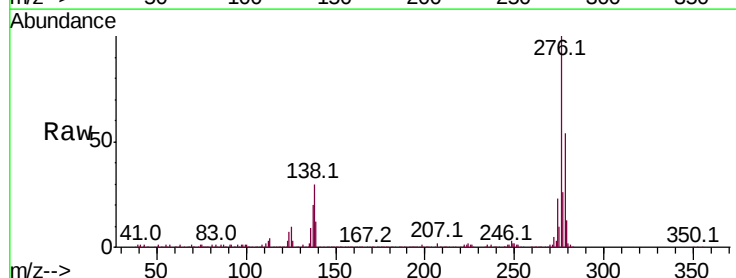


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

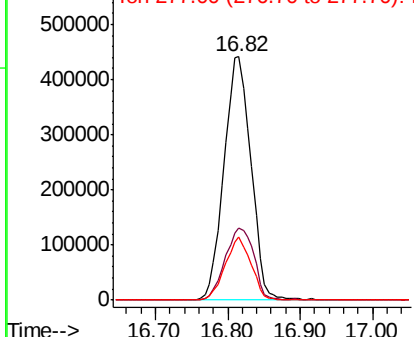
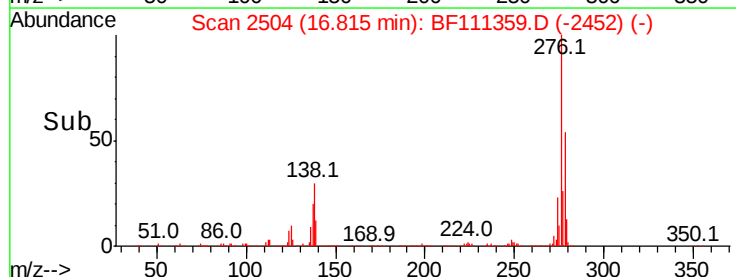


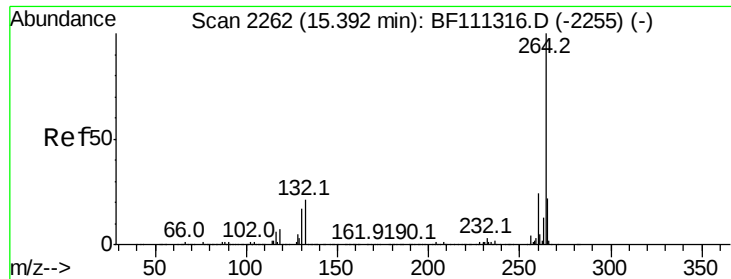
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.724 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.01 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.7	27.8	41.6
277	25.0	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





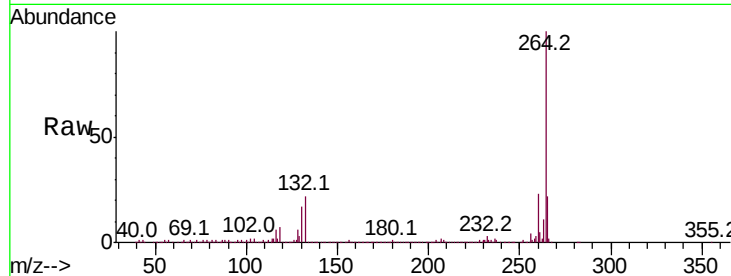
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.3	27.5
265	21.7	17.7	26.5

Manual Integrations
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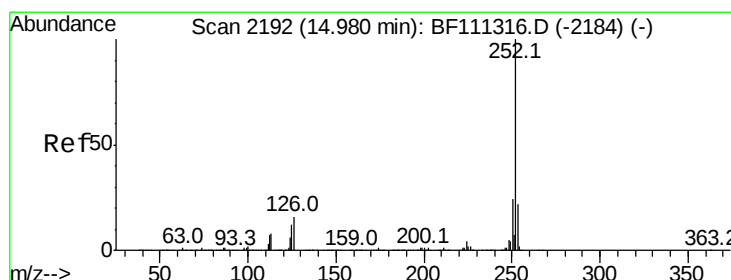
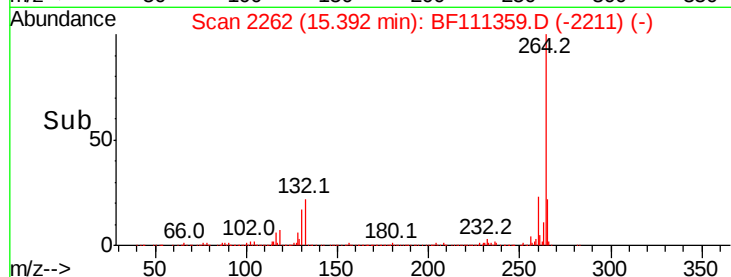
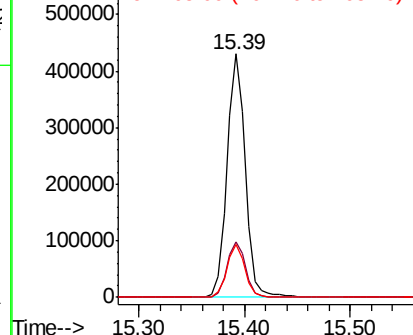


Abundance

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: 38.199 ng
RT: 14.98 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

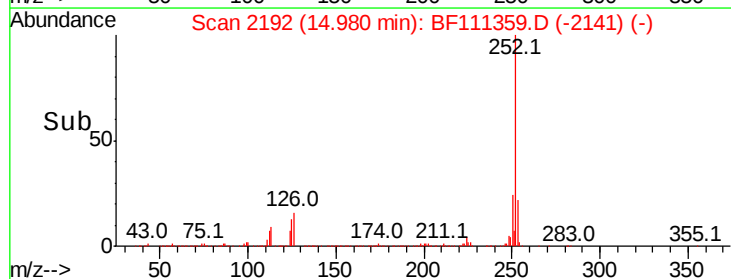
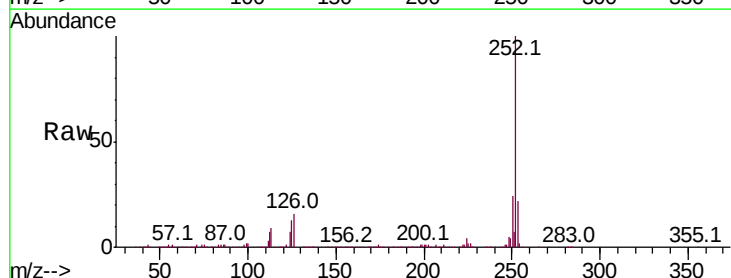
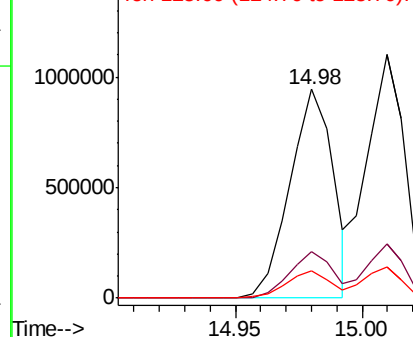
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	13.0	10.4	15.6

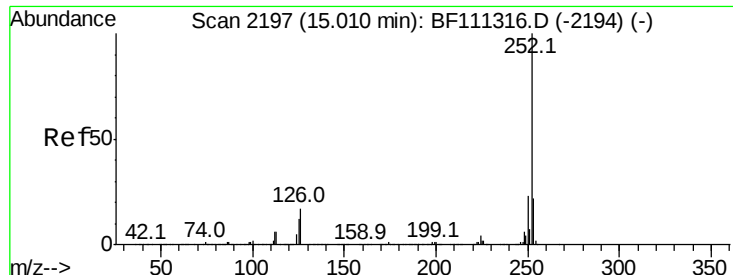
Abundance

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





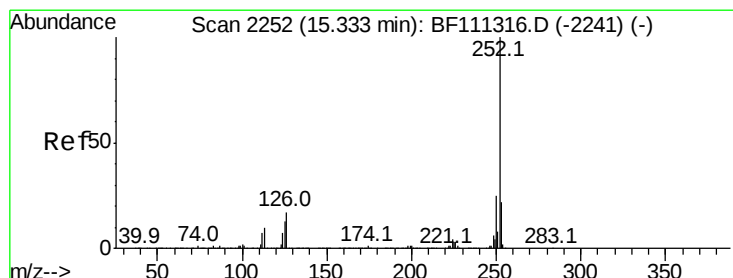
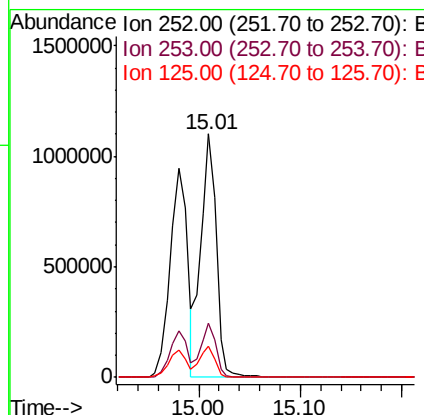
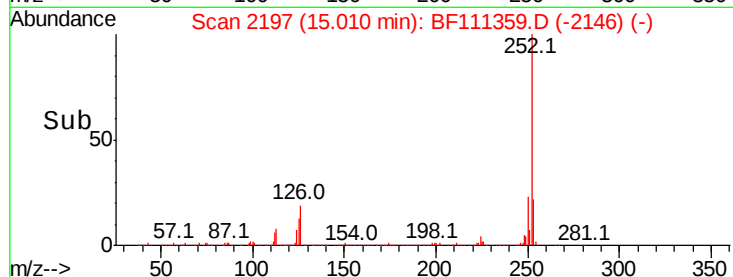
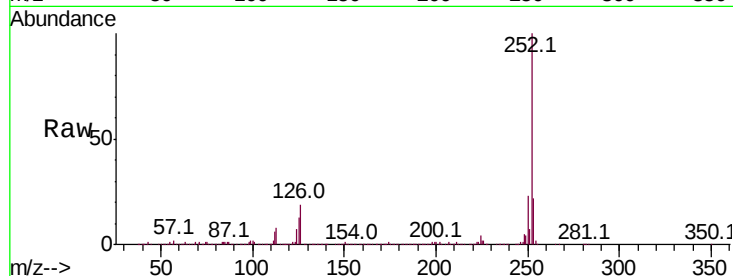
#89
Benzo(k)fluoranthene
Concen: 39.618 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	13.0	9.8	14.8

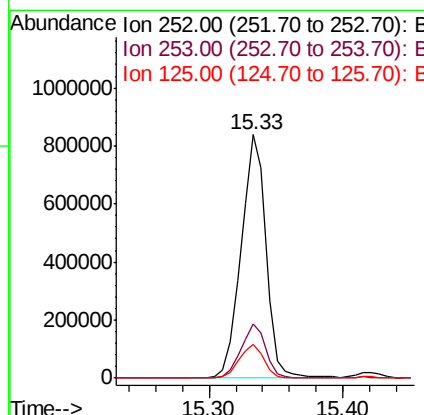
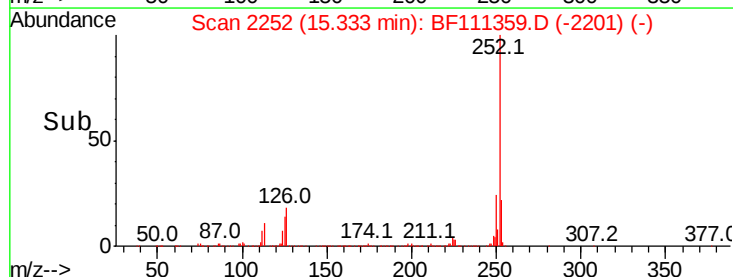
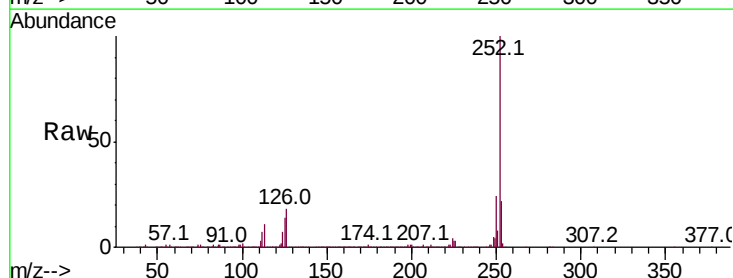
Manual Integrations
APPROVED

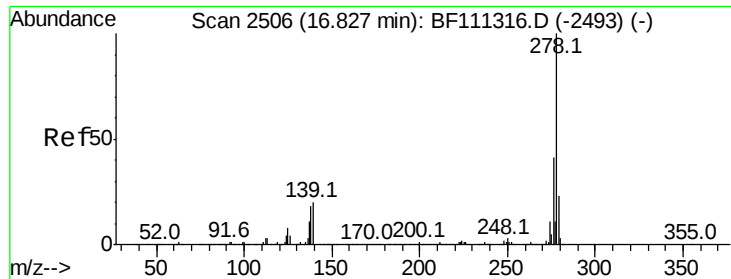
Sohil
12/14/2018 12:37:00 PM



#90
Benzo(a)pyrene
Concen: 39.346 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.00 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	13.9	12.3	18.5





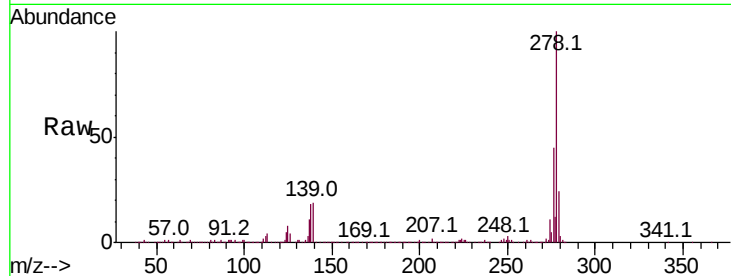
#91
Dibenzo(a,h)anthracene
Concen: 41.448 ng
RT: 16.83 min Scan# 2507
Delta R.T. 0.01 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

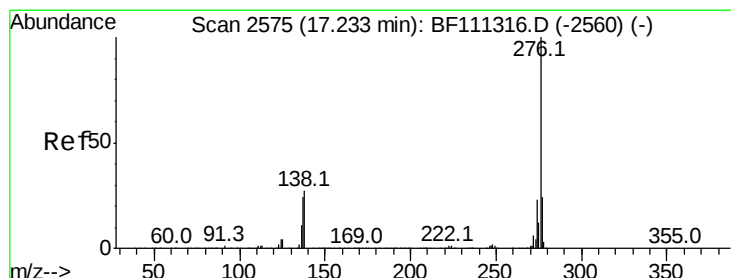
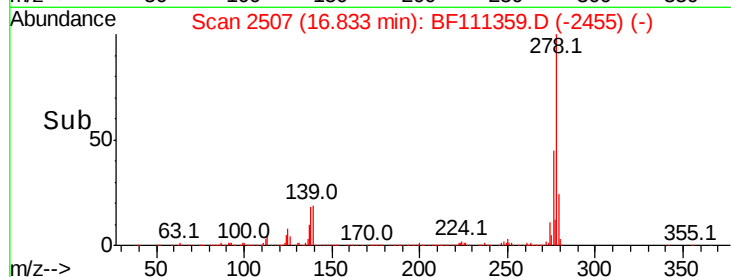
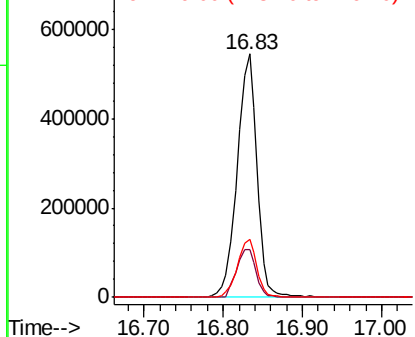
Tot Ion	Ratio	Lower	Upper
278	100		
139	19.4	18.2	27.4
279	23.7	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/14/2018 12:37:00 PM

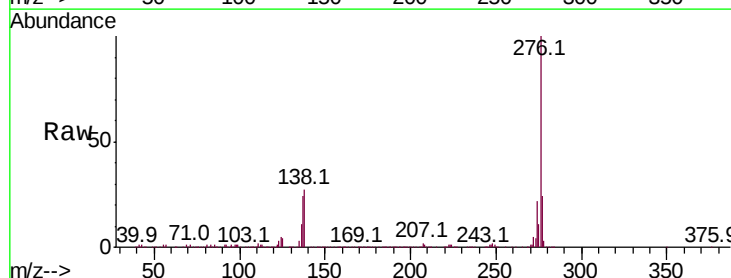


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.092 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BF111359.D
Acq: 13 Dec 2018 9:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	27.4	24.9	37.3



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

