

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
 Data File : BF111458.D
 Acq On : 15 Dec 2018 10:23
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 16 00:34:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	207774	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	864429	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	399769	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	676496	20.00	ng	0.00
76) Chrysene-d12	13.96	240	452772	20.00	ng	0.00
87) Perylene-d12	15.39	264	344213	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1015122	81.30	ng	0.00
7) Phenol-d6	6.45	99	1292012	77.79	ng	0.00
23) Nitrobenzene-d5	7.36	82	1228287	84.61	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	287818	80.37	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2204329	85.17	ng	0.00
79) Terphenyl-d14	12.90	244	1733689	89.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	223917	37.131	ng	95
3) Pyridine	3.25	79	582788	38.479	ng	90
4) n-Nitrosodimethylamine	3.20	42	279957	40.694	ng	82
6) Aniline	6.46	93	808603	39.249	ng	# 83
8) 2-Chlorophenol	6.59	128	601872	40.343	ng	98
9) Benzaldehyde	6.35	77	366088	36.341	ng	98
10) Phenol	6.46	94	716329	38.717	ng	# 74
11) bis(2-Chloroethyl)ether	6.53	93	573237	39.524	ng	98
12) 1,3-Dichlorobenzene	6.74	146	649418	39.545	ng	98
13) 1,4-Dichlorobenzene	6.82	146	666514	39.985	ng	97
14) 1,2-Dichlorobenzene	6.97	146	617831	39.398	ng	99
15) Benzyl Alcohol	6.95	79	511025	40.438	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1138803	40.214	ng	97
17) 2-Methylphenol	7.06	107	470174	39.160	ng	# 94
18) Hexachloroethane	7.31	117	246935	39.806	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	427430	39.008	ng	92
20) 3+4-Methylphenols	7.22	107	585689	38.888	ng	# 78
22) Acetophenone	7.21	105	817126	42.345	ng	# 96
24) Nitrobenzene	7.38	77	613114	41.404	ng	98
25) Isophorone	7.62	82	994534	40.491	ng	99
26) 2-Nitrophenol	7.70	139	322145	41.948	ng	96
27) 2,4-Dimethylphenol	7.74	122	469533	42.174	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	688896	40.628	ng	98
29) 2,4-Dichlorophenol	7.95	162	497774	41.883	ng	95
30) 1,2,4-Trichlorobenzene	8.02	180	513509	41.274	ng	100
31) Naphthalene	8.10	128	1623695	40.159	ng	96
32) Benzoic acid	7.87	122	338691	35.204	ng	96
33) 4-Chloroaniline	8.15	127	712014	39.603	ng	97
34) Hexachlorobutadiene	8.22	225	291961	42.595	ng	97
35) Caprolactam	8.53	113	164364	37.249	ng	92
36) 4-Chloro-3-methylphenol	8.64	107	521708	39.880	ng	100
37) 2-Methylnaphthalene	8.79	142	1059918	38.741	ng	100
38) 1-Methylnaphthalene	8.89	142	1001115	37.877	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	465617	42.471	ng	99

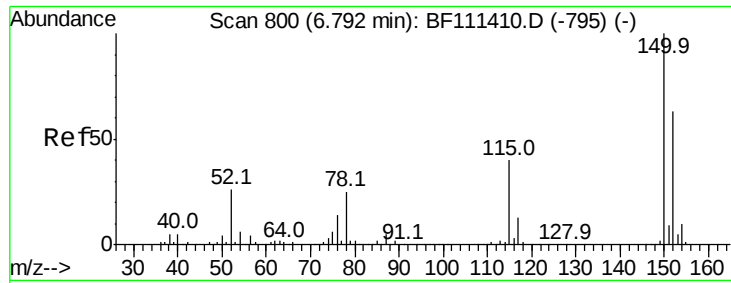
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
 Data File : BF111458.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	233128	41.417	nq	100
43) 2,4,6-Trichlorophenol	9.07	196	324179	41.779	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	343453	41.596	nq	94
46) 1,1'-Biphenyl	9.26	154	1391987	41.094	nq	96
47) 2-Chloronaphthalene	9.28	162	1068087	41.483	nq	97
48) 2-Nitroaniline	9.37	65	338989	40.549	nq	99
49) Acenaphthylene	9.70	152	1553204	40.640	nq	96
50) Dimethylphthalate	9.56	163	1155389	40.131	nq	98
51) 2,6-Dinitrotoluene	9.62	165	260370	40.178	nq	98
52) Acenaphthene	9.87	154	982984	40.693	nq	98
53) 3-Nitroaniline	9.79	138	308463	39.188	nq	89
54) 2,4-Dinitrophenol	9.89	184	91190	36.986	nq	94
55) Dibenzofuran	10.04	168	1423301	40.593	nq	98
56) 4-Nitrophenol	9.96	139	216083	39.667	nq	100
57) 2,4-Dinitrotoluene	10.02	165	337460	39.674	nq	94
58) Fluorene	10.39	166	1036981	40.774	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	257771	39.957	nq	99
60) Diethylphthalate	10.26	149	1177336	40.370	nq	97
61) 4-Chlorophenyl-phenylether	10.37	204	508410	40.860	nq	97
62) 4-Nitroaniline	10.40	138	296762	38.085	nq	99
63) Azobenzene	10.53	77	1148765	39.956	nq	96
65) 4,6-Dinitro-2-methylphenol	10.43	198	146706	38.413	nq	99
66) n-Nitrosodiphenylamine	10.50	169	978592	41.948	nq	98
67) 4-Bromophenyl-phenylether	10.86	248	307901	42.229	nq	94
68) Hexachlorobenzene	10.93	284	316211	42.161	nq	92
69) Atrazine	11.02	200	278075	41.245	nq	95
70) Pentachlorophenol	11.13	266	189562	41.207	nq	96
71) Phenanthrene	11.35	178	1422477	40.807	nq	95
72) Anthracene	11.40	178	1470035	41.236	nq	95
73) Carbazole	11.55	167	1481354	40.184	nq	95
74) Di-n-butylphthalate	11.88	149	1743907	42.476	nq	97
75) Fluoranthene	12.53	202	1386219	40.649	nq	95
77) Benzidine	12.65	184	692366	41.599	nq	96
78) Pyrene	12.76	202	1437627	45.036	nq	95
80) Butylbenzylphthalate	13.37	149	683652	43.937	nq	97
81) Benzo(a)anthracene	13.94	228	1010896	41.062	nq	98
82) 3,3'-Dichlorobenzidine	13.91	252	394372	39.405	nq	96
83) Chrysene	13.99	228	1039515	40.082	nq	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	885624	44.563	nq	98
85) Di-n-octyl phthalate	14.55	149	1338624	39.932	nq	99
86) Indeno(1,2,3-cd)pyrene	16.82	276	753420	40.252	nq	94
88) Benzo(b)fluoranthene	14.98	252	792443	39.488	nq	98
89) Benzo(k)fluoranthene	15.01	252	813240	42.411	nq	98
90) Benzo(a)pyrene	15.33	252	735655	40.651	nq	97
91) Dibenzo(a,h)anthracene	16.83	278	633640	44.387	nq	96
92) Benzo(g,h,i)perylene	17.24	276	622463	44.422	nq	94

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

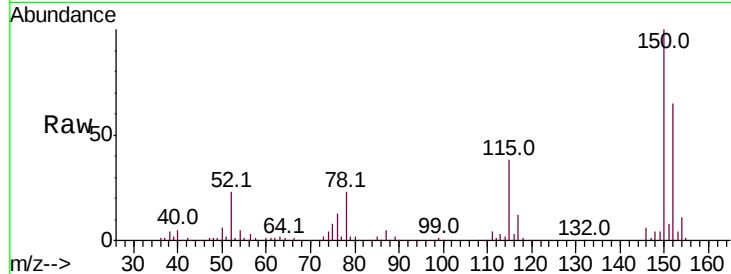


#1

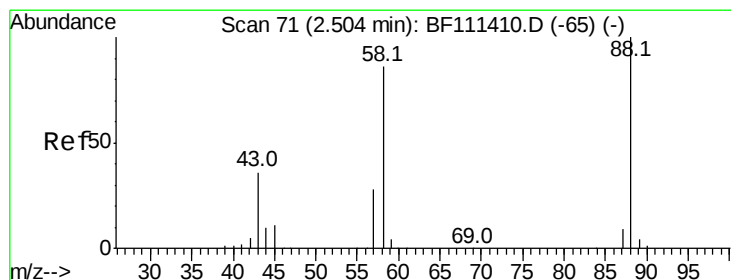
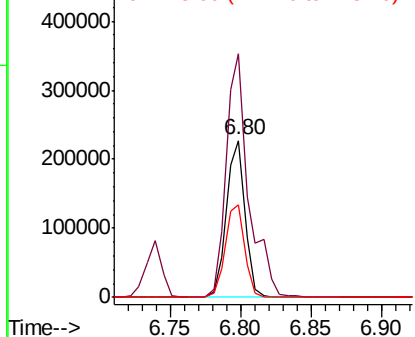
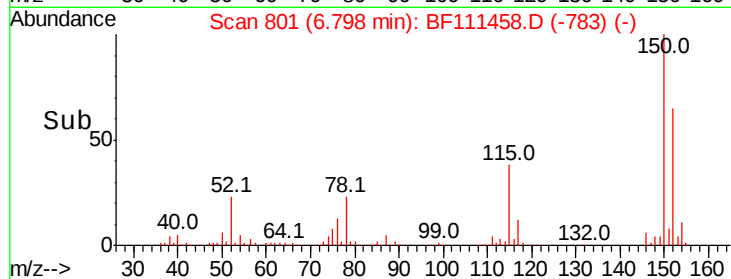
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF111458.D
 Acq: 15 Dec 2018 10:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:152 Resp: 207774
 Ion Ratio Lower Upper
 152 100
 150 155.0 126.6 189.8
 115 58.8 50.7 76.1



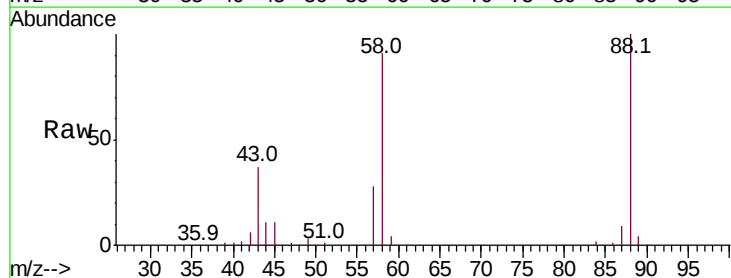
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



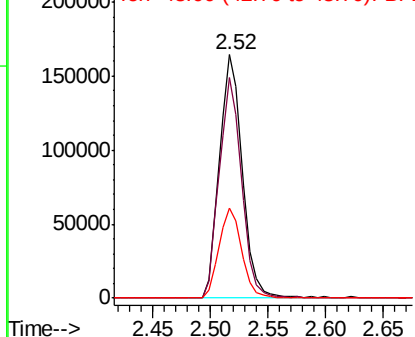
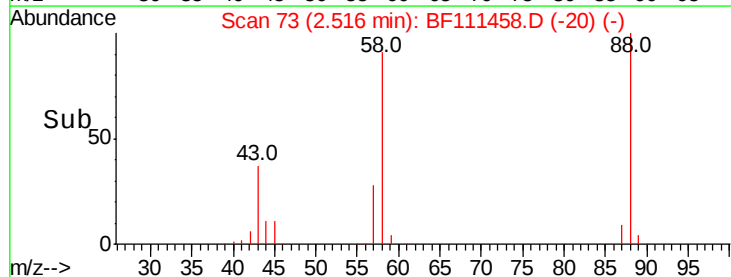
#2

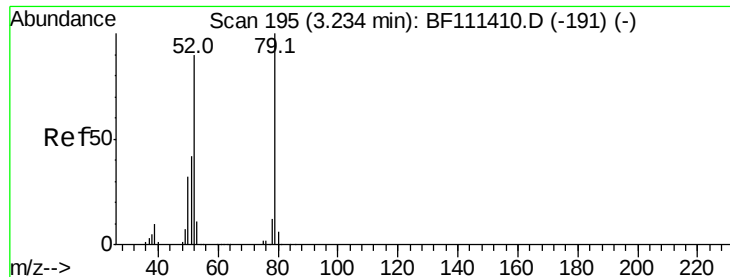
1,4-Dioxane
 Concen: 37.131 ng
 RT: 2.52 min Scan# 73
 Delta R.T. 0.01 min
 Lab File: BF111458.D
 Acq: 15 Dec 2018 10:23

Tgt Ion: 88 Resp: 223917
 Ion Ratio Lower Upper
 88 100
 58 89.1 68.9 103.3
 43 37.1 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: 38.479 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.01 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

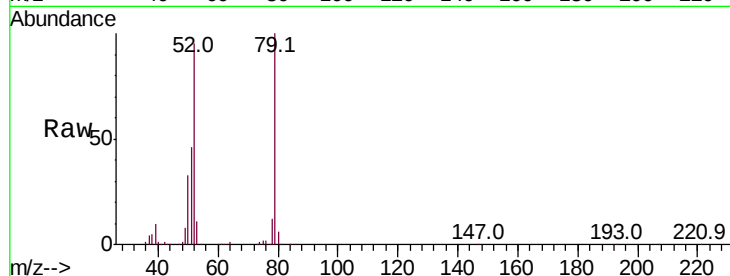
Tot Ion: 79 Resp: 582788

Ion Ratio Lower Upper

79 100

52 95.3 68.3 102.5

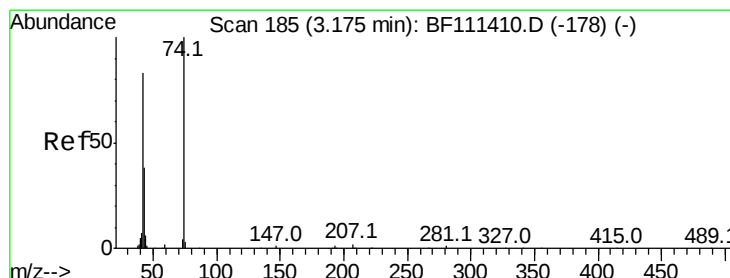
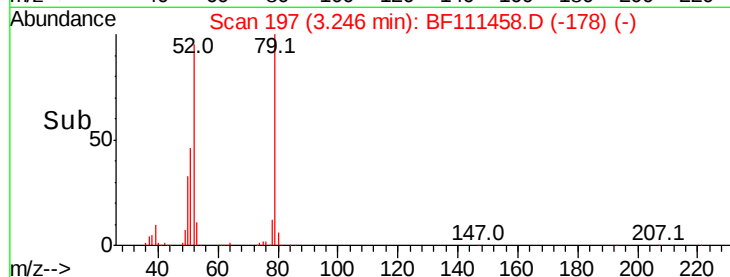
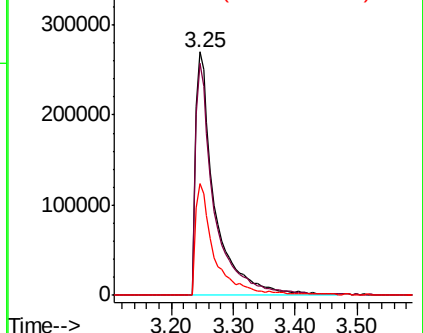
51 46.0 32.6 49.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.694 ng

RT: 3.20 min Scan# 189

Delta R.T. 0.02 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

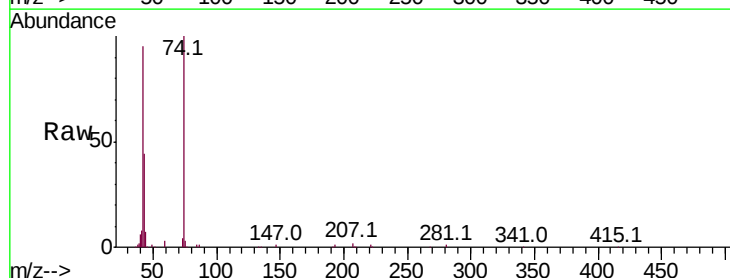
Tgt Ion: 42 Resp: 279957

Ion Ratio Lower Upper

42 100

74 104.8 101.5 152.3

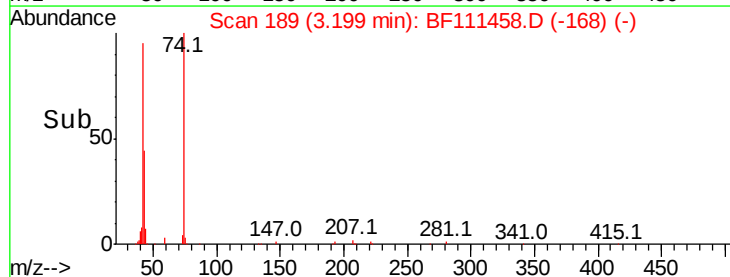
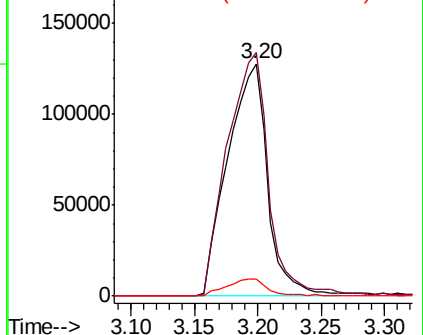
44 7.6 6.0 9.0

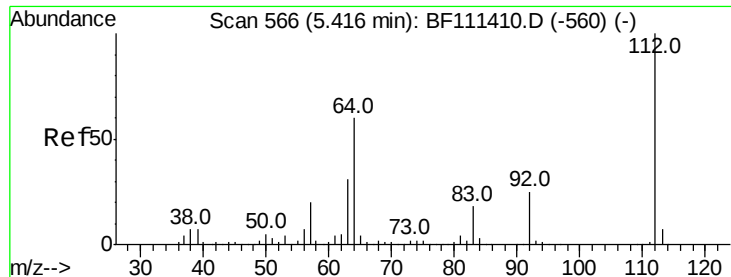


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 81.301 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

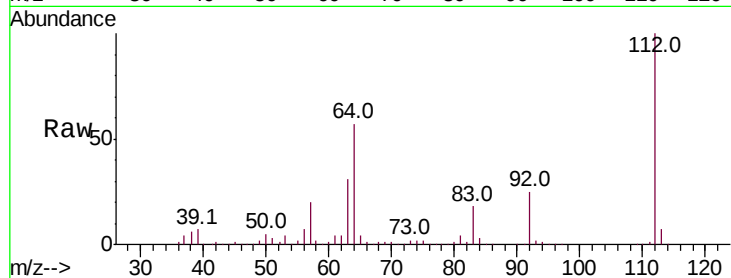
Tot Ion:112 Resp: 1015122

Ion Ratio Lower Upper

112 100

64 57.1 51.8 77.6

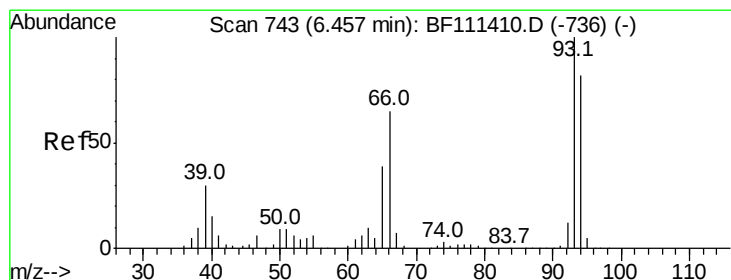
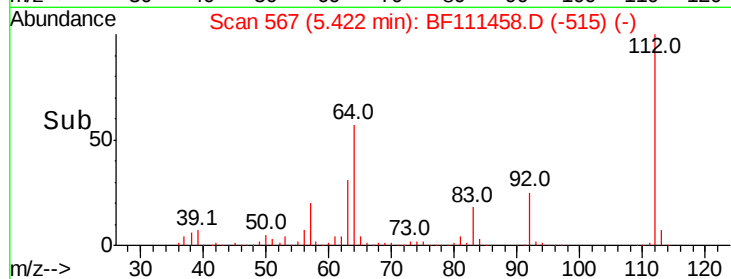
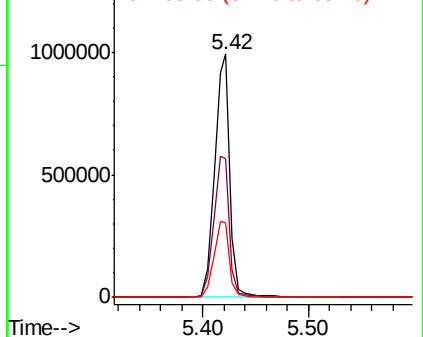
63 30.8 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.249 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

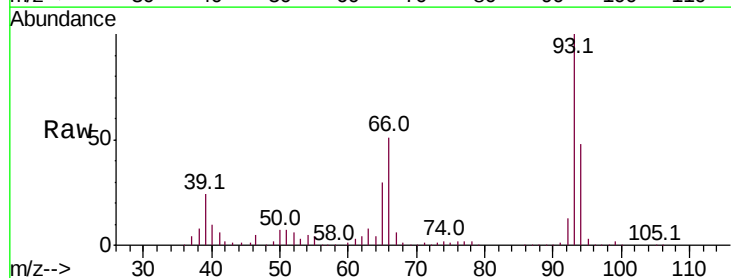
Tgt Ion: 93 Resp: 808603

Ion Ratio Lower Upper

93 100

66 51.5 33.2 49.8#

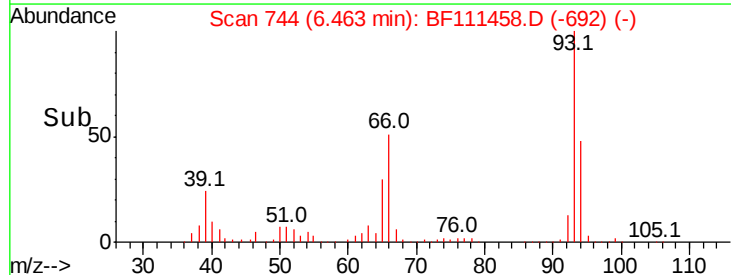
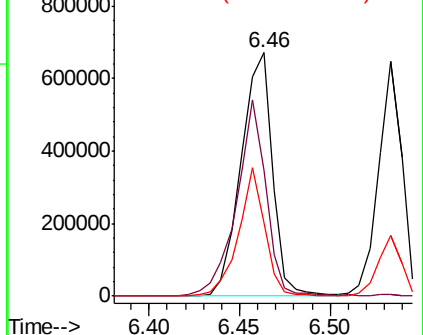
65 30.0 17.0 25.4#

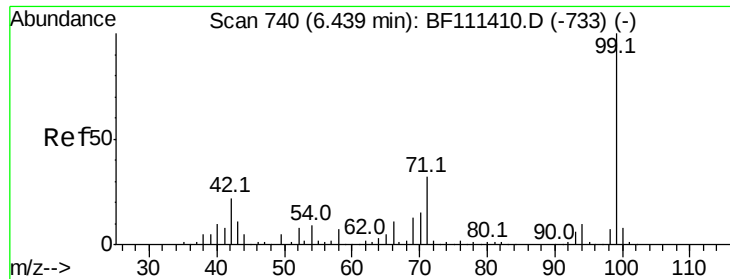


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.792 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

Instrument :

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ClientSampleId :

SSTDCCC040

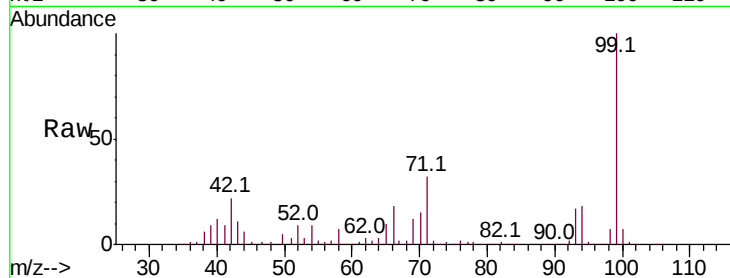
Tot Ion: 99 Resp: 1292012

Ion Ratio Lower Upper

99 100

42 22.3 17.4 26.0

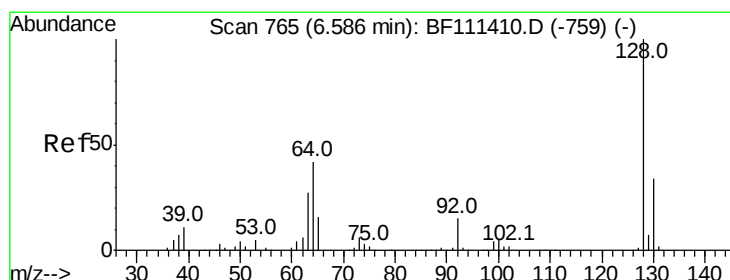
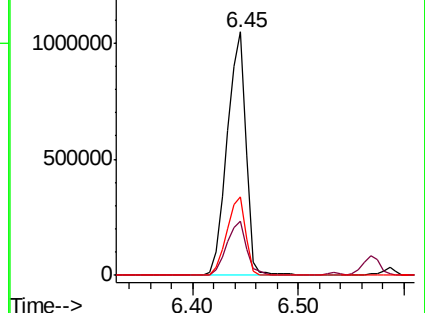
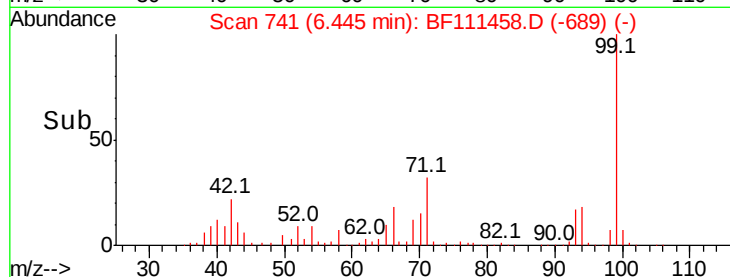
71 32.4 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.343 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

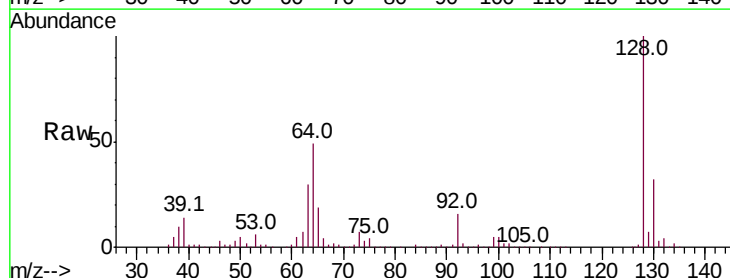
Tgt Ion:128 Resp: 601872

Ion Ratio Lower Upper

128 100

130 32.0 12.7 52.7

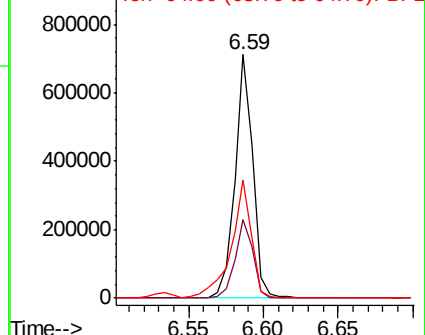
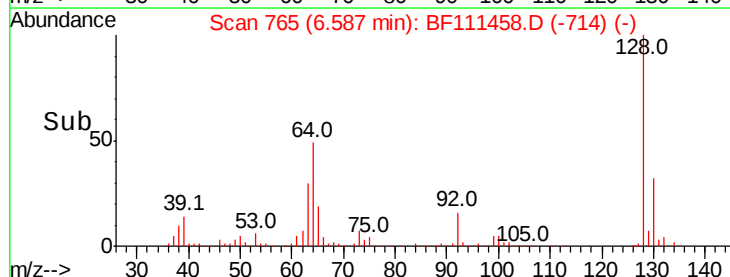
64 48.8 30.0 70.0

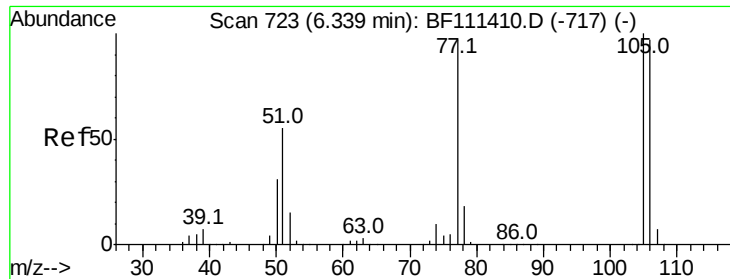


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.341 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

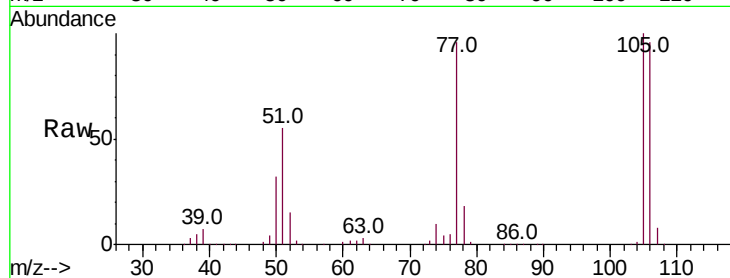
Tot Ion: 77 Resp: 366088

Ion Ratio Lower Upper

77 100

105 104.1 81.4 121.4

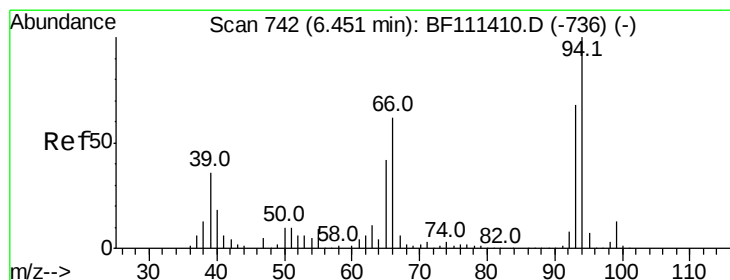
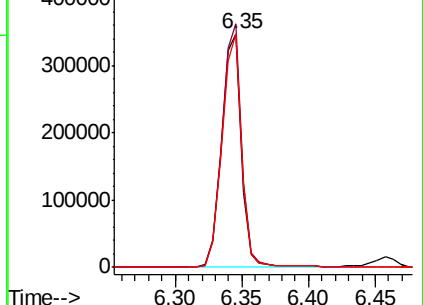
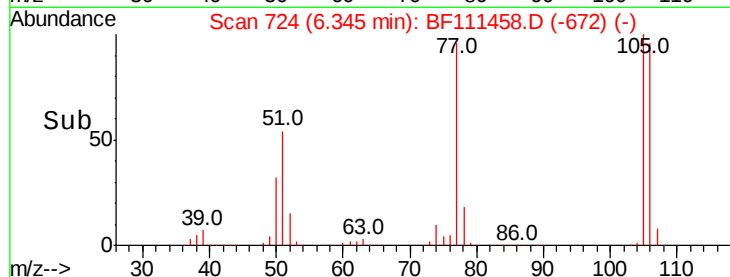
106 99.7 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.717 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

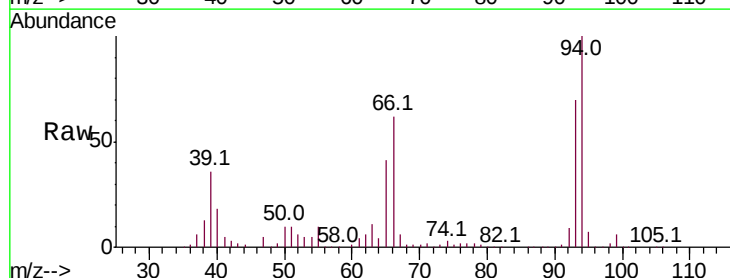
Tgt Ion: 94 Resp: 716329

Ion Ratio Lower Upper

94 100

65 40.8 11.7 51.7

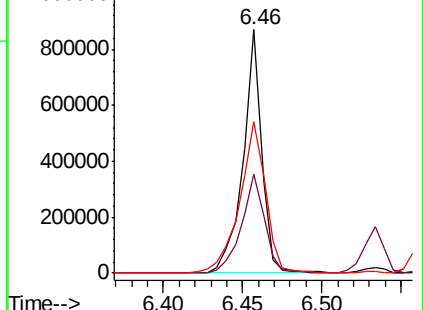
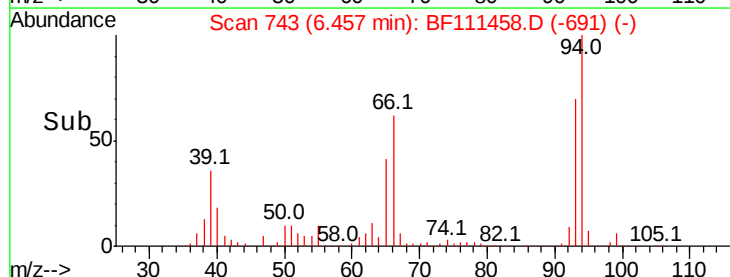
66 62.2 21.0 61.0#

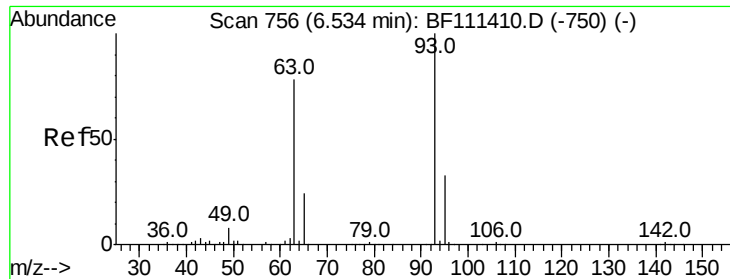


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

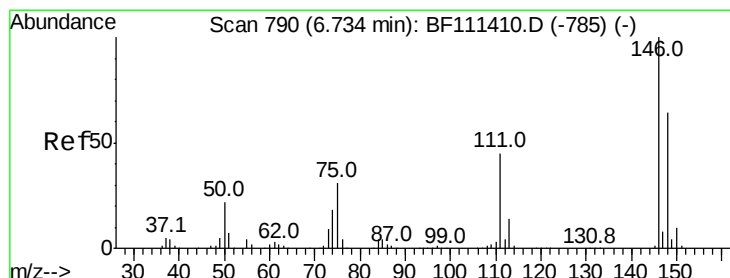
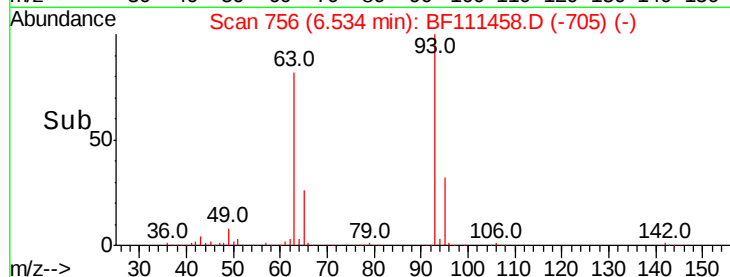
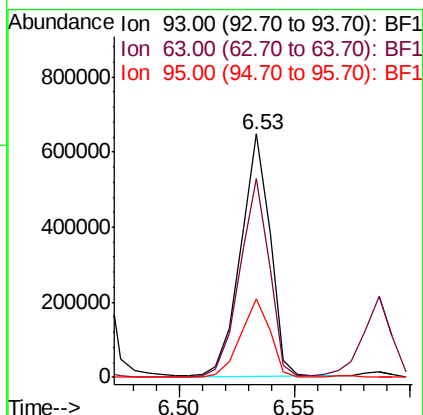
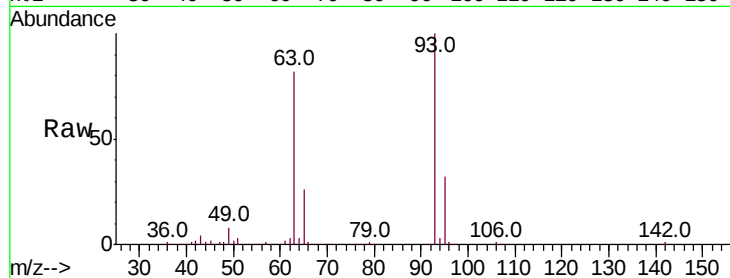




#11
bis(2-Chloroethyl)ether
Concen: 39.524 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

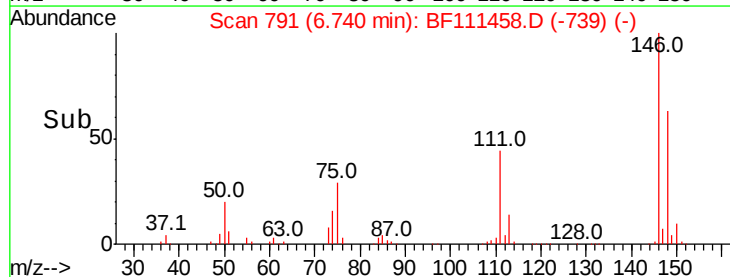
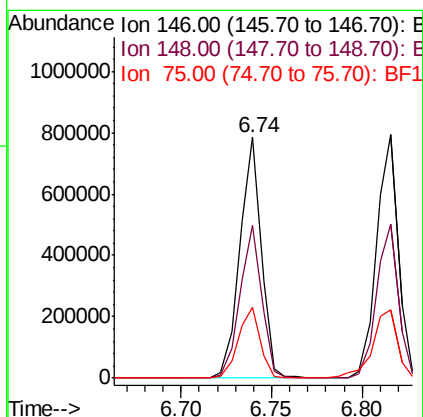
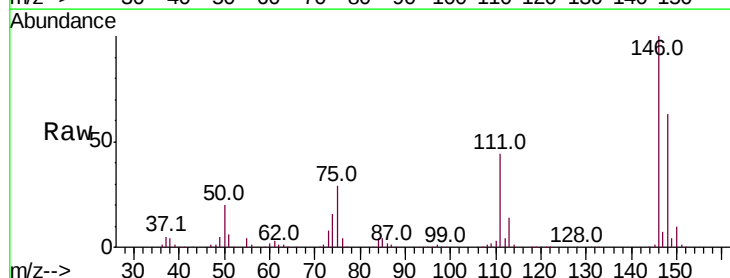
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

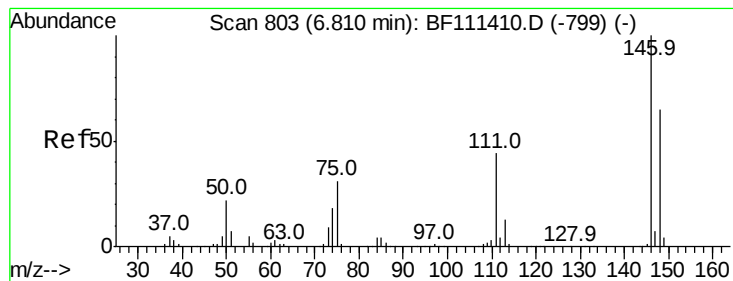
Tot Ion: 93 Resp: 573237
Ion Ratio Lower Upper
93 100
63 81.7 60.0 100.0
95 32.2 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 39.545 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

Tgt Ion: 146 Resp: 649418
Ion Ratio Lower Upper
146 100
148 63.4 52.1 78.1
75 29.5 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 39.985 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

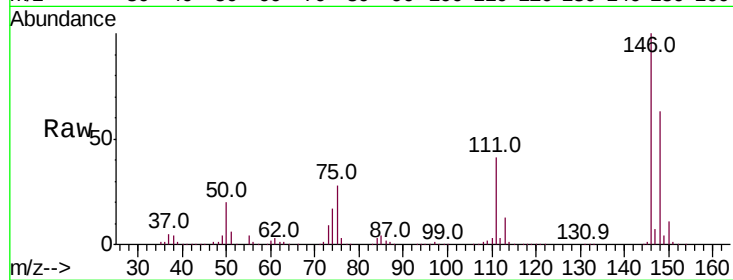
Tot Ion:146 Resp: 666514

Ion Ratio Lower Upper

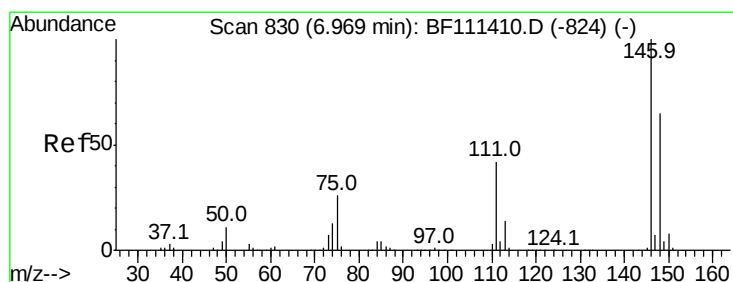
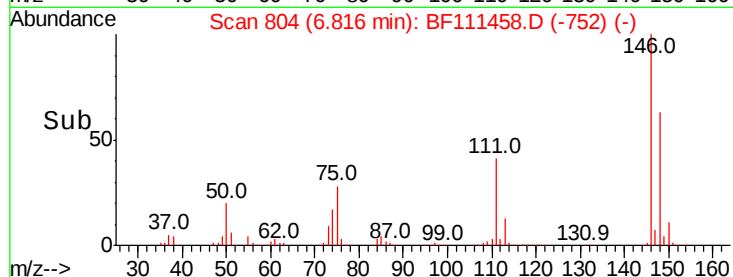
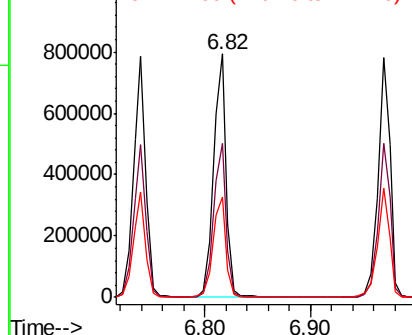
146 100

148 63.0 52.8 79.2

111 41.1 33.4 50.0



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: 39.398 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

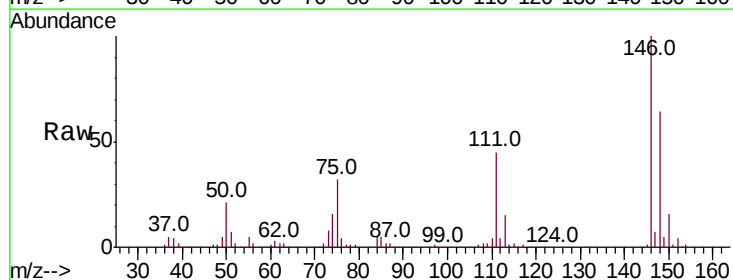
Tgt Ion:146 Resp: 617831

Ion Ratio Lower Upper

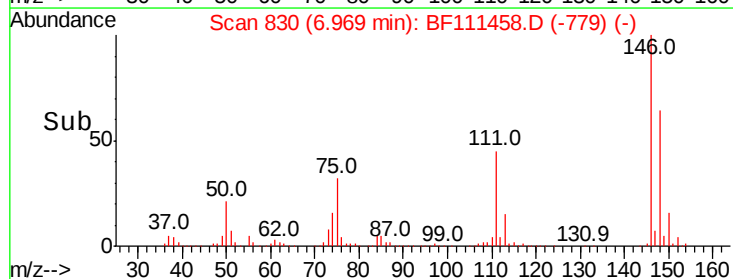
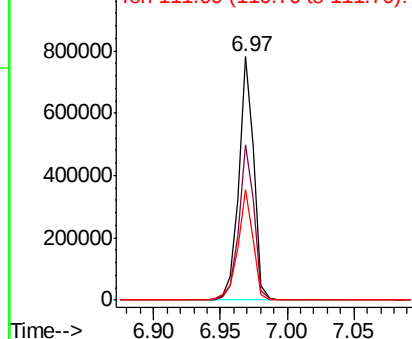
146 100

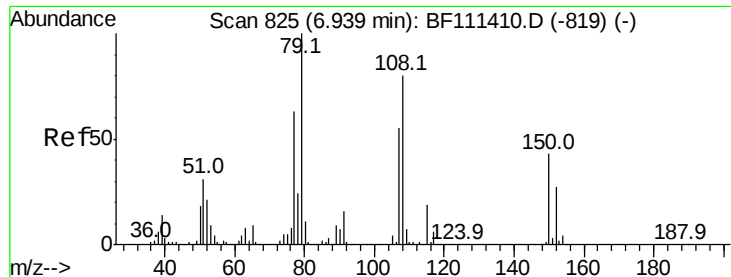
148 64.0 51.9 77.9

111 45.3 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: 40.438 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

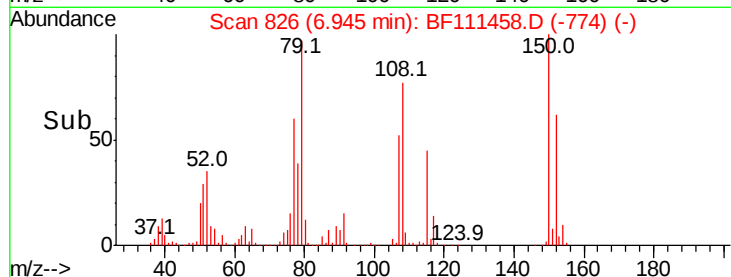
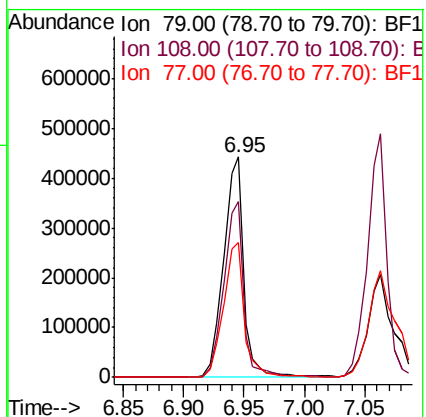
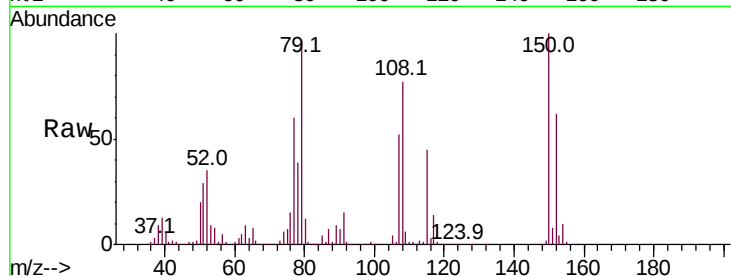
Tot Ion: 79 Resp: 511025

Ion Ratio Lower Upper

79 100

108 79.6 69.4 104.2

77 61.5 49.7 74.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.214 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

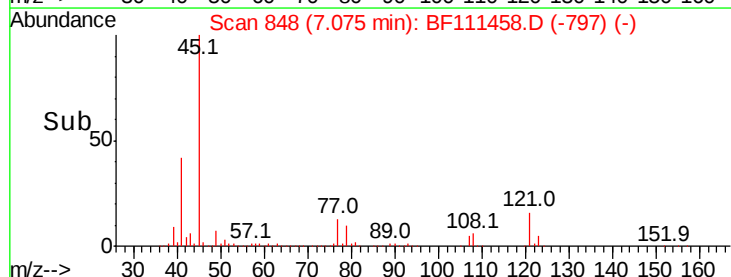
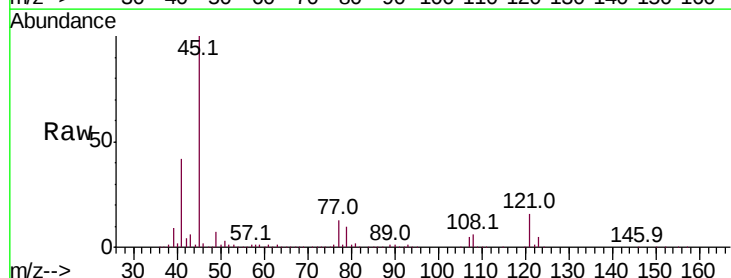
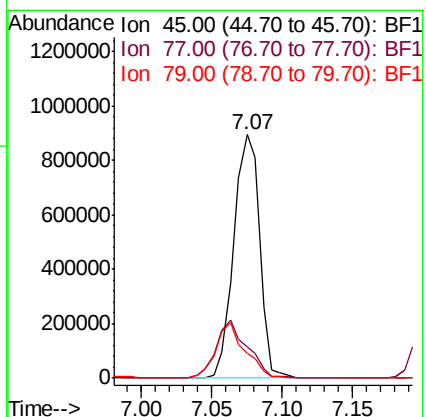
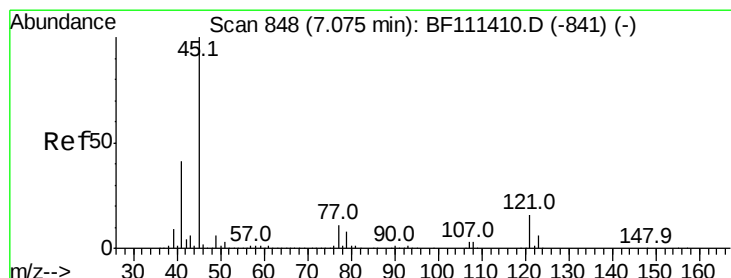
Tgt Ion: 45 Resp: 1138803

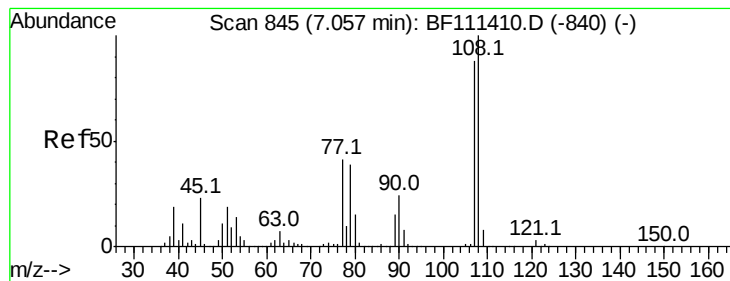
Ion Ratio Lower Upper

45 100

77 12.6 0.0 31.5

79 9.9 0.0 28.9





#17

2-Methylphenol

Concen: 39.160 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 470174

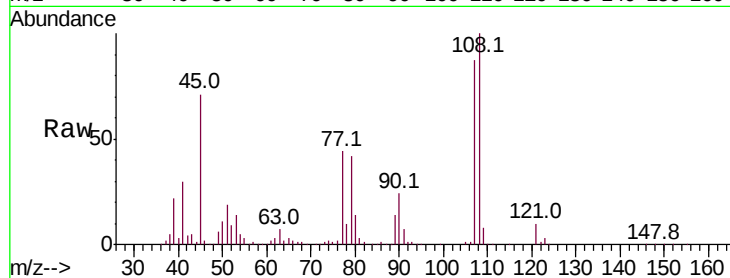
Ion Ratio Lower Upper

107 100

108 115.6 91.0 136.4

77 50.9 33.5 50.3#

79 48.5 33.3 49.9

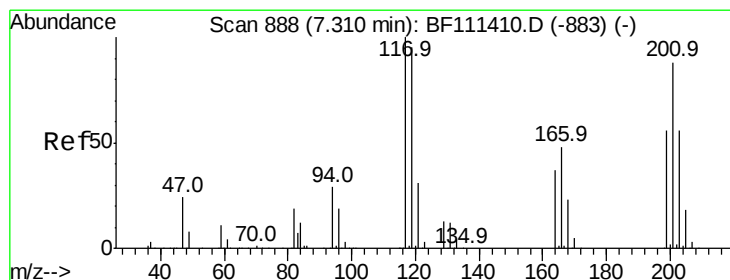
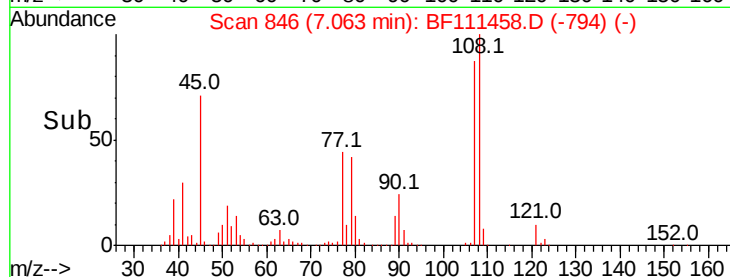
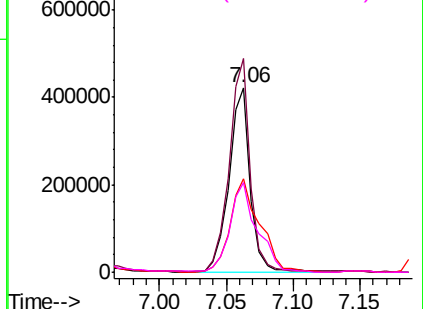


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.806 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

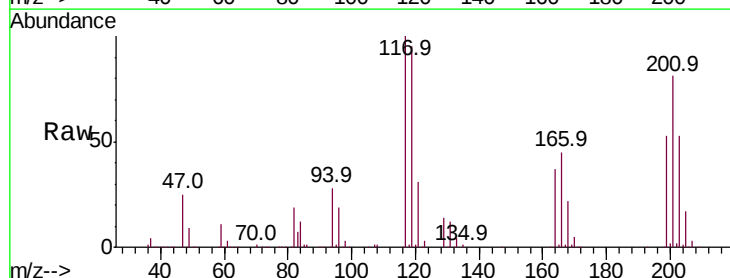
Tgt Ion:117 Resp: 246935

Ion Ratio Lower Upper

117 100

119 94.8 75.4 113.0

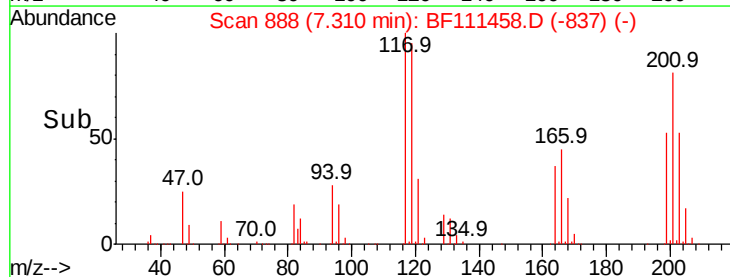
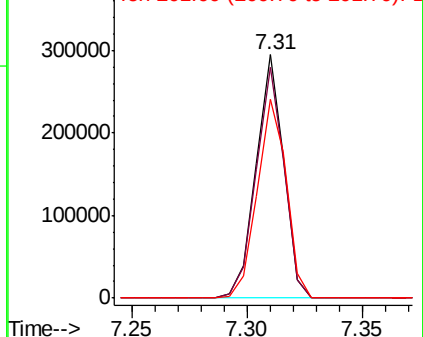
201 81.4 62.4 93.6

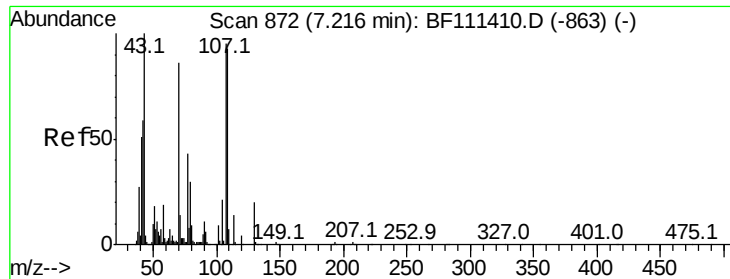


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

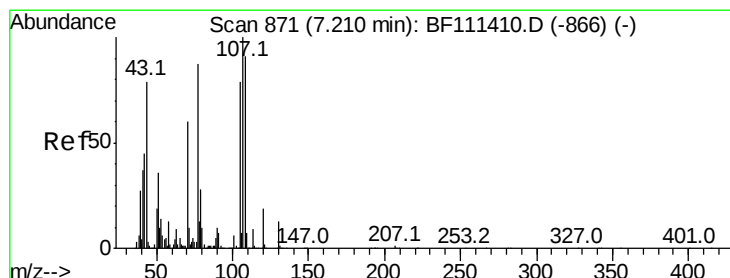
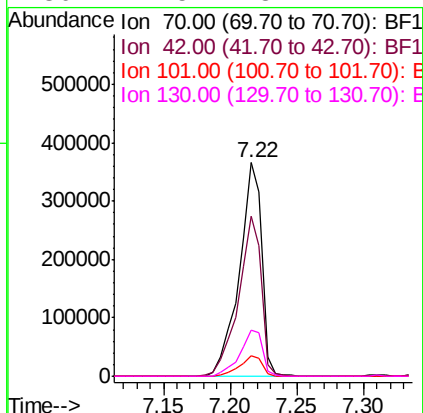
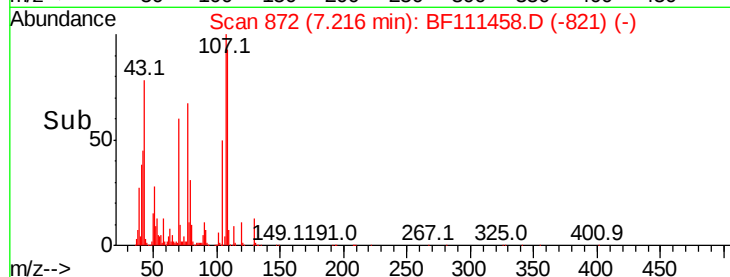
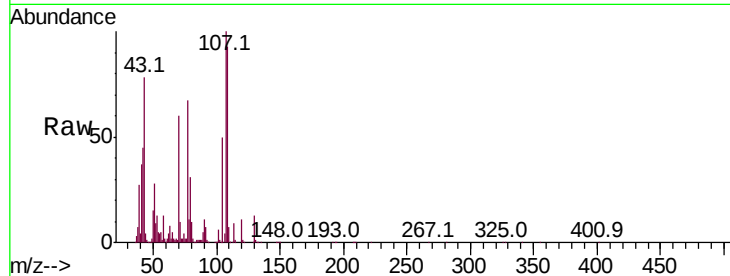




#19
n-Nitroso-di-n-propylamine
Concen: 39.008 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

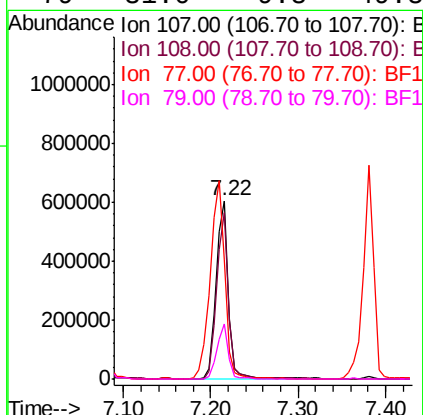
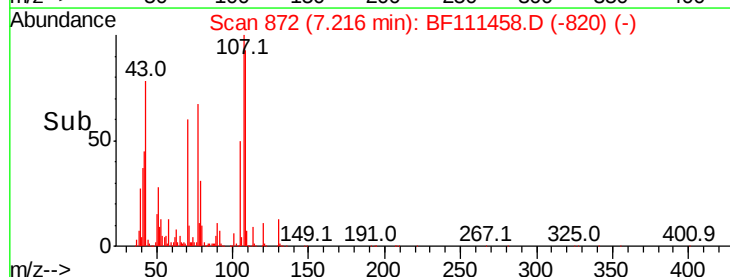
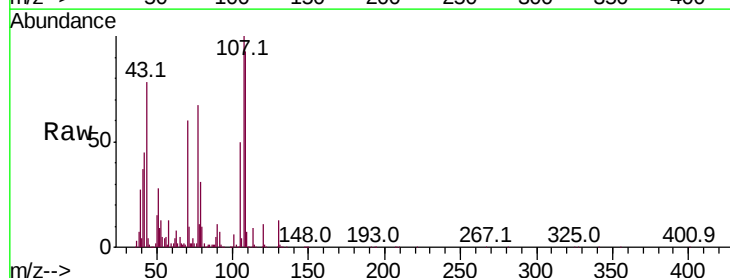
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

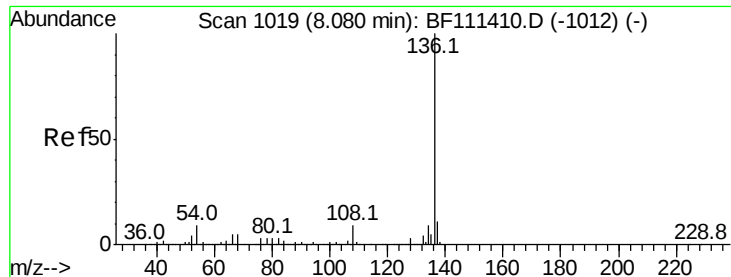
Tot Ion:	70	Resp:	427430
Ion	Ratio	Lower	Upper
70	100		
42	75.1	53.2	79.8
101	9.6	8.2	12.4
130	21.5	18.1	27.1



#20
3+4-Methylphenols
Concen: 38.888 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

Tgt Ion:	107	Resp:	585689
Ion	Ratio	Lower	Upper
107	100		
108	93.3	72.1	112.1
77	66.8	94.1	134.1#
79	31.0	9.8	49.8

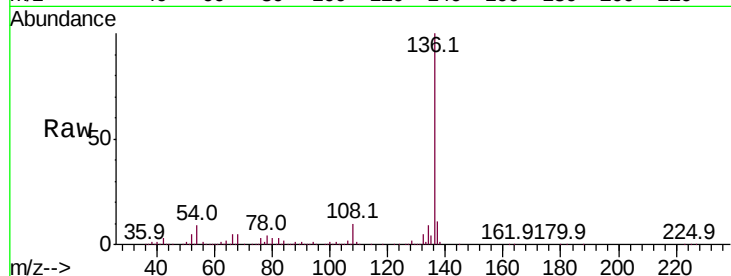




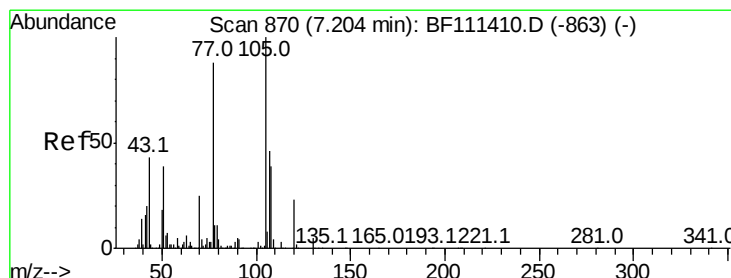
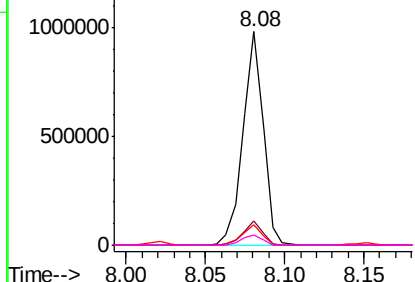
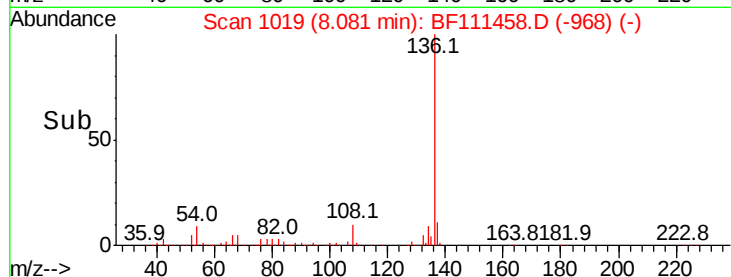
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	864429	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	9.1	13.7	
54 9.4	7.7	11.5	
68 4.8	4.9	7.3#	

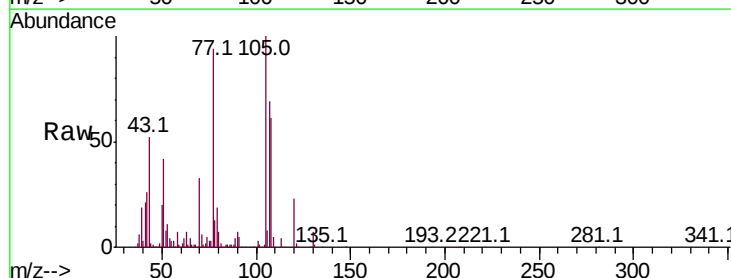


Abundance Ion 136.00 (135.70 to 136.70): E
1500000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

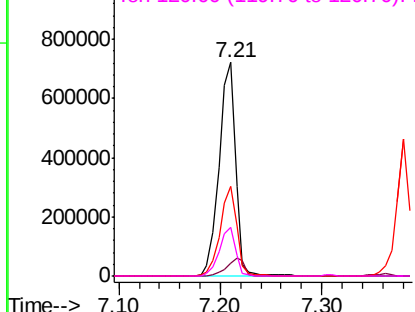
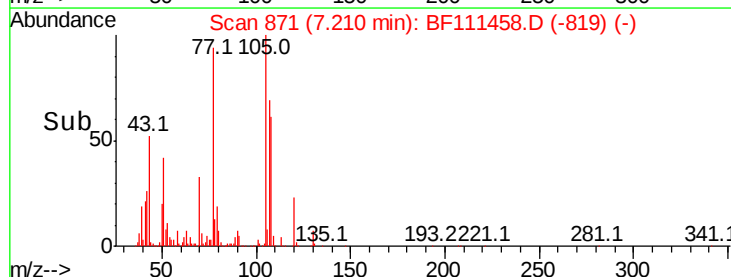


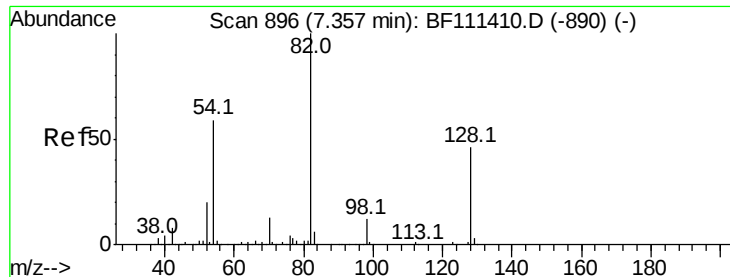
#22
Acetophenone
Concen: 42.345 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

Tgt	Ion:105	Resp:	817126
Ion	Ratio	Lower	Upper
105	100		
71	5.8	3.1	4.7#
51	41.8	36.6	54.8
120	22.8	18.2	27.4



Abundance Ion 105.00 (104.70 to 105.70): E
1000000 Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

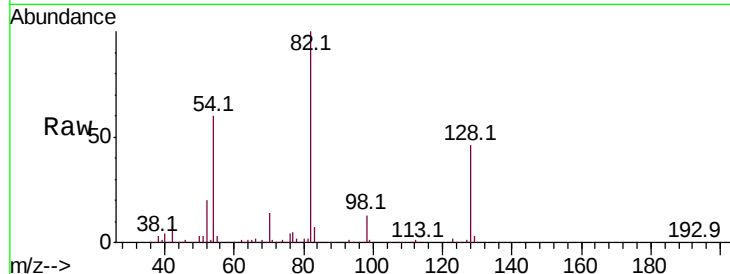




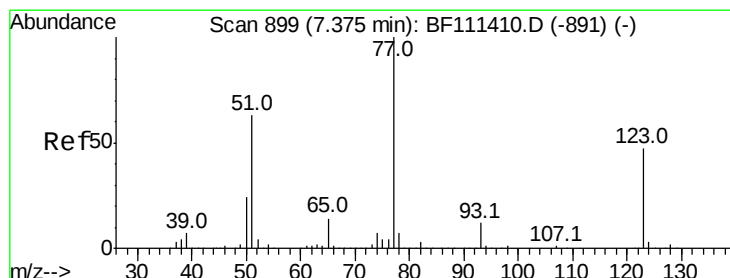
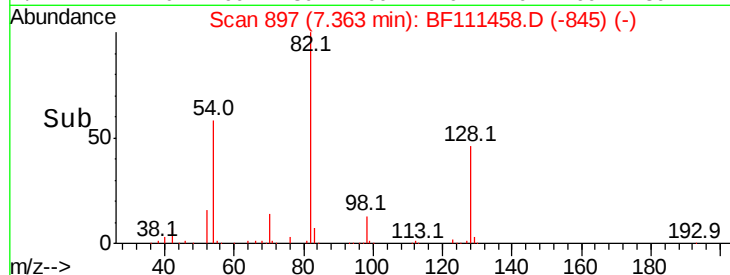
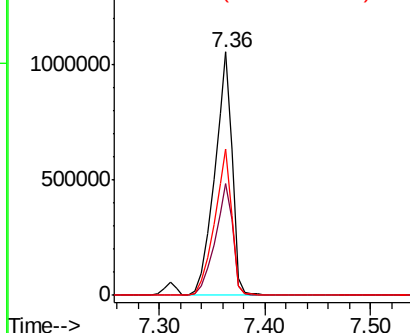
#23
Nitrobenzene-d5
Concen: 84.614 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1228287
Ion Ratio Lower Upper
82 100
128 46.1 37.4 56.2
54 60.1 47.6 71.4

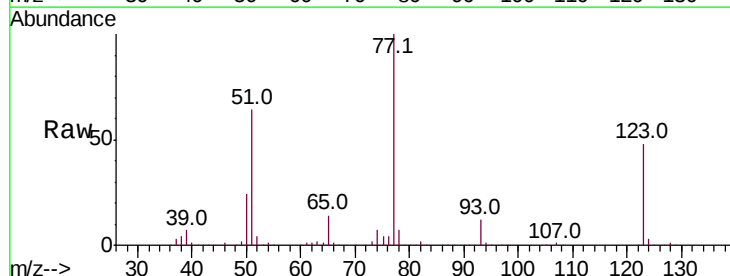


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

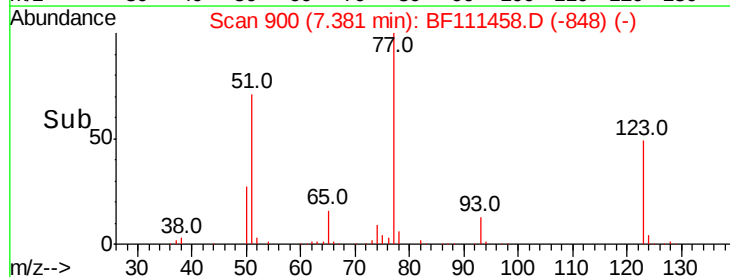
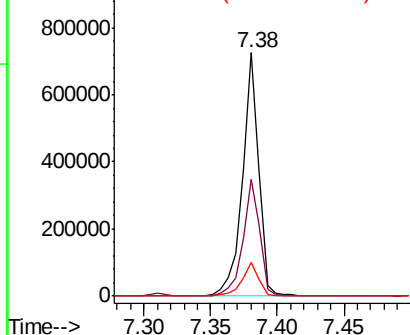


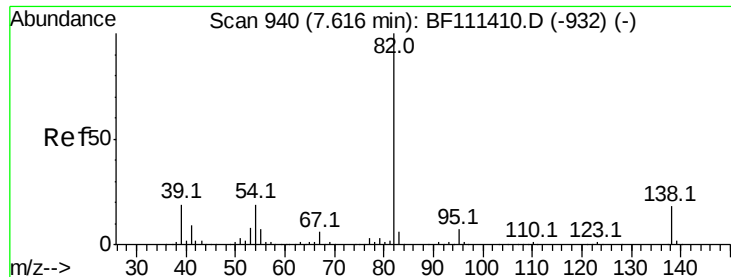
#24
Nitrobenzene
Concen: 41.404 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

Tgt Ion: 77 Resp: 613114
Ion Ratio Lower Upper
77 100
123 47.8 37.2 55.8
65 14.0 11.5 17.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.491 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

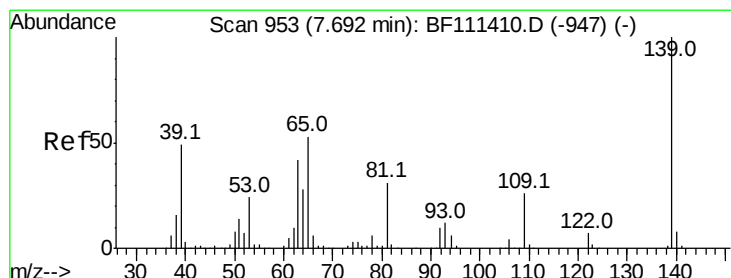
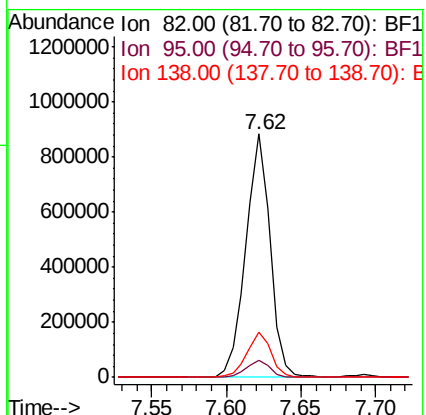
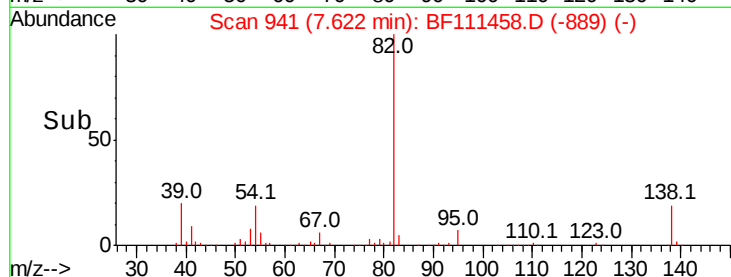
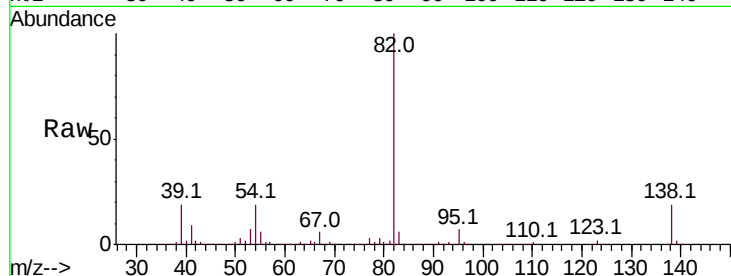
Tot Ion: 82 Resp: 994534

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

138 18.6 15.1 22.7



#26

2-Nitrophenol

Concen: 41.948 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

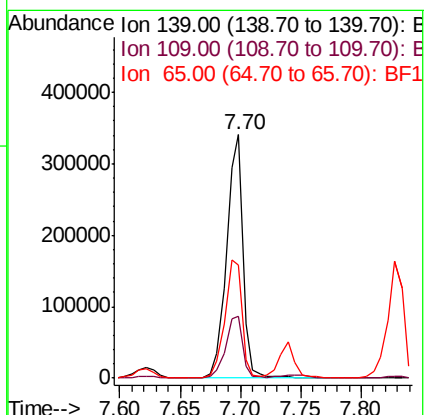
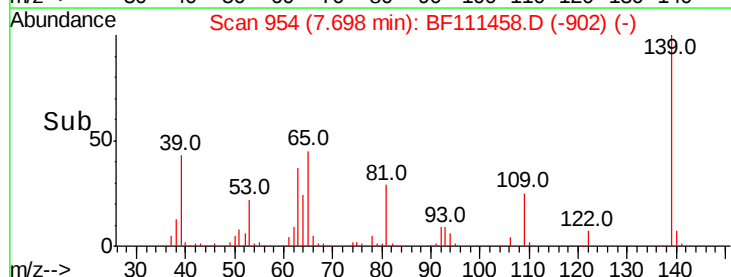
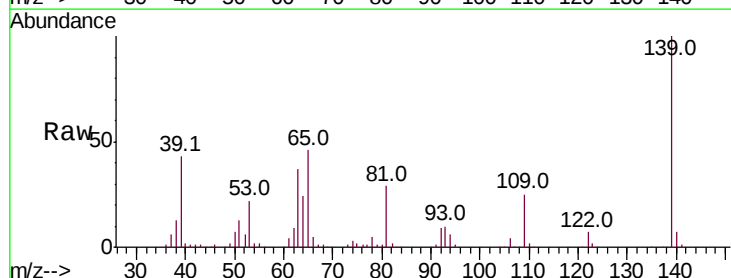
Tgt Ion: 139 Resp: 322145

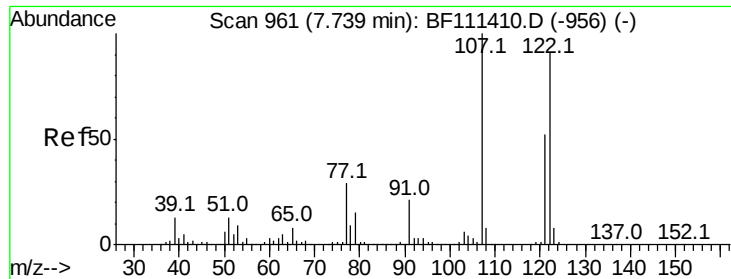
Ion Ratio Lower Upper

139 100

109 25.3 20.2 30.4

65 46.5 40.7 61.1

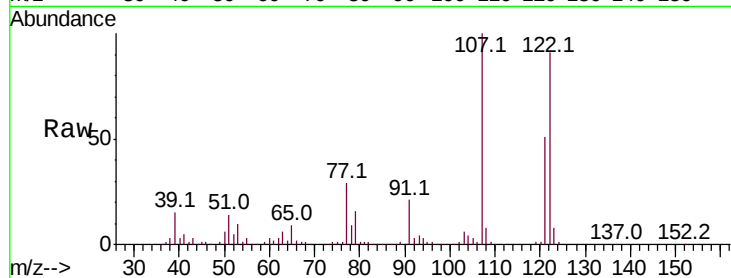




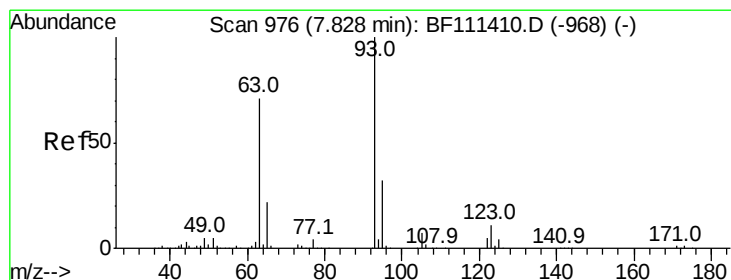
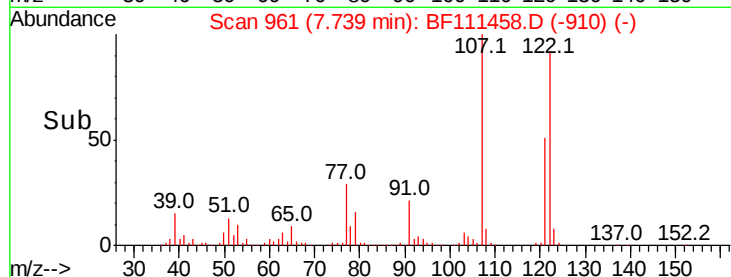
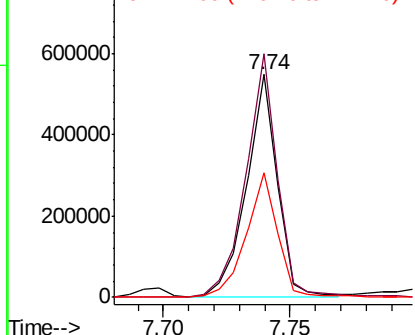
#27
2,4-Dimethylphenol
Concen: 42.174 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:122 Resp: 469533
Ion Ratio Lower Upper
122 100
107 109.3 85.5 128.3
121 55.9 46.6 70.0

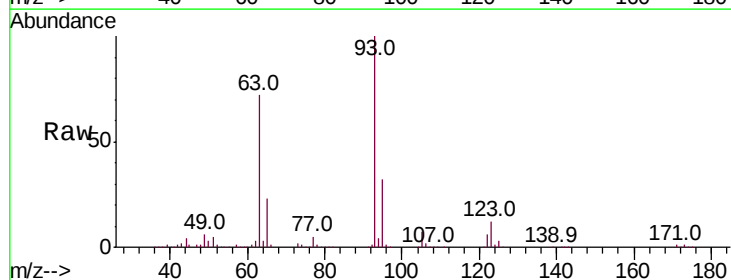


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

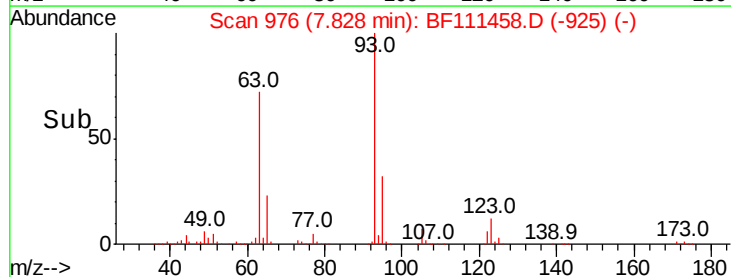
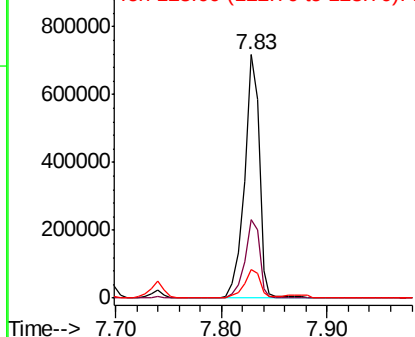


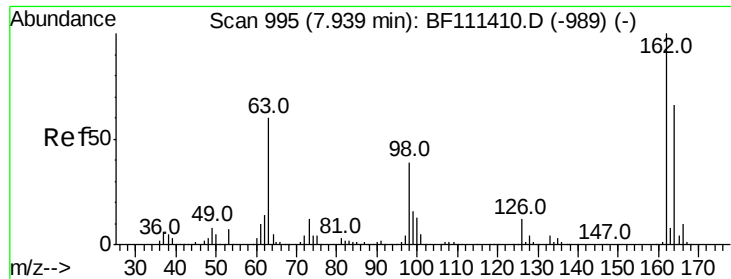
#28
bis(2-Chloroethoxy)methane
Concen: 40.628 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

Tgt Ion: 93 Resp: 688896
Ion Ratio Lower Upper
93 100
95 32.5 27.1 40.7
123 11.6 9.9 14.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

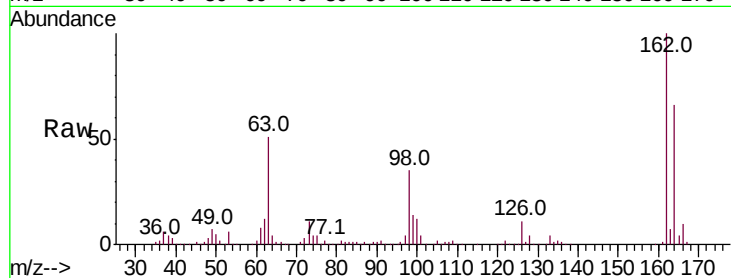




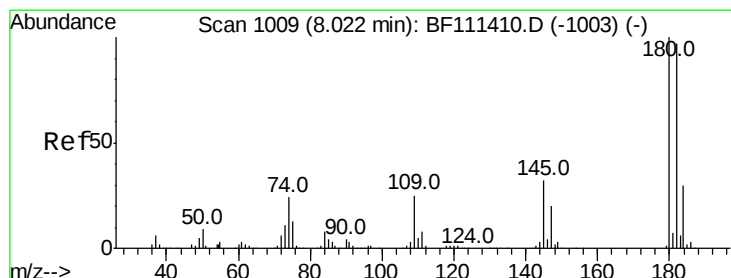
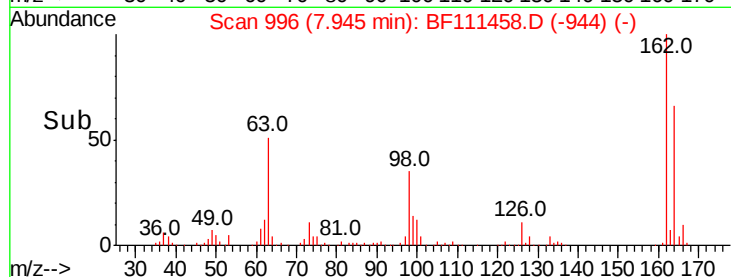
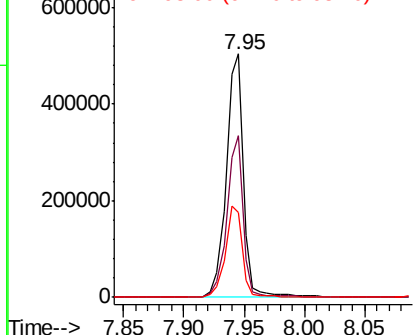
#29
 2,4-Dichlorophenol
 Concen: 41.883 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.01 min
 Lab File: BF111458.D
 Acq: 15 Dec 2018 10:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.3	44.4	84.4
98	34.6	20.3	60.3

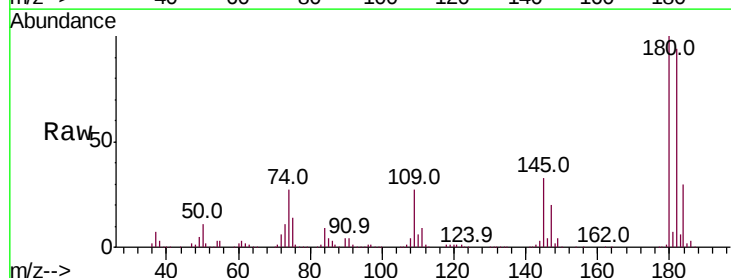


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

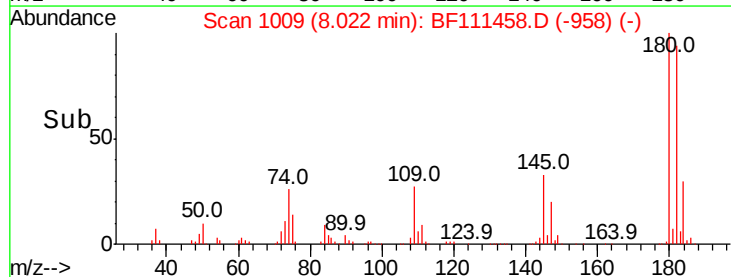
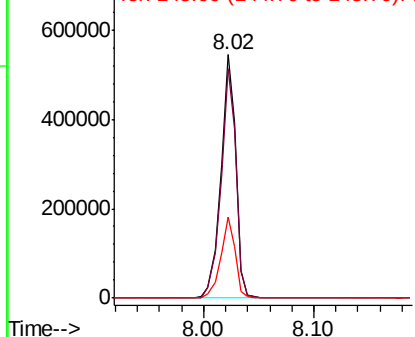


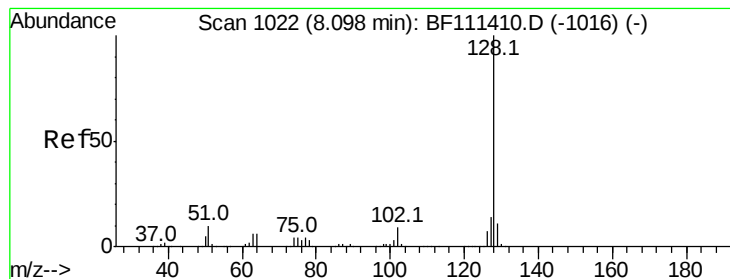
#30
 1,2,4-Trichlorobenzene
 Concen: 41.274 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF111458.D
 Acq: 15 Dec 2018 10:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.6	113.4
145	33.3	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: 40.159 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

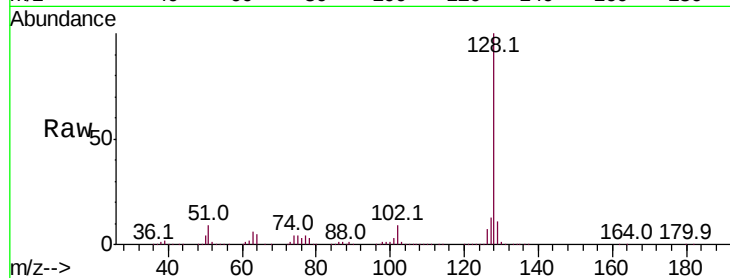
Tot Ion:128 Resp: 1623695

Ion Ratio Lower Upper

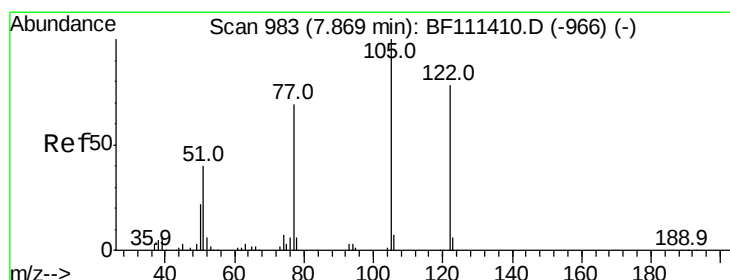
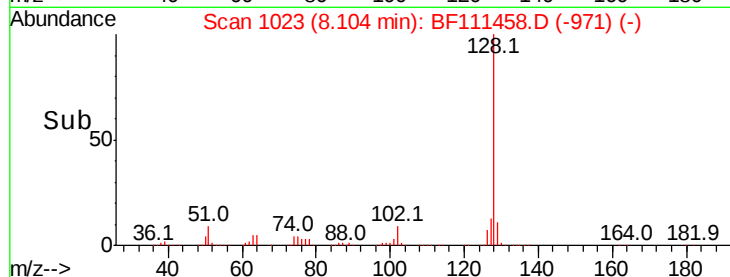
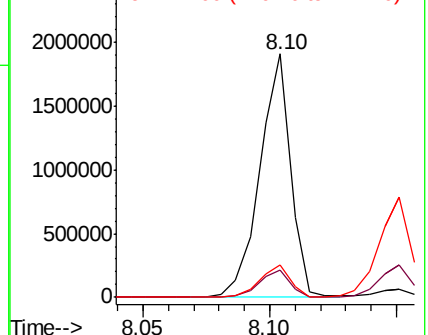
128 100

129 11.2 9.8 14.8

127 13.1 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.204 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

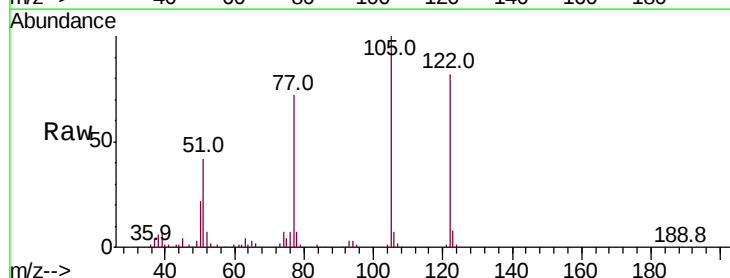
Tgt Ion:122 Resp: 338691

Ion Ratio Lower Upper

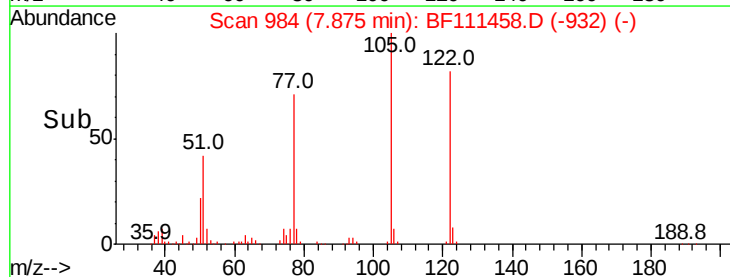
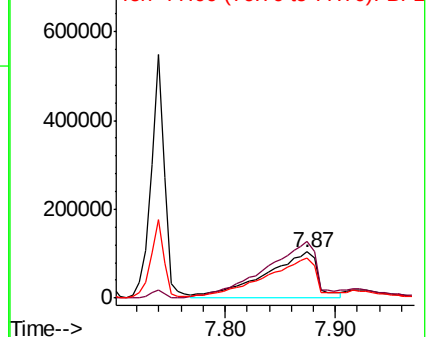
122 100

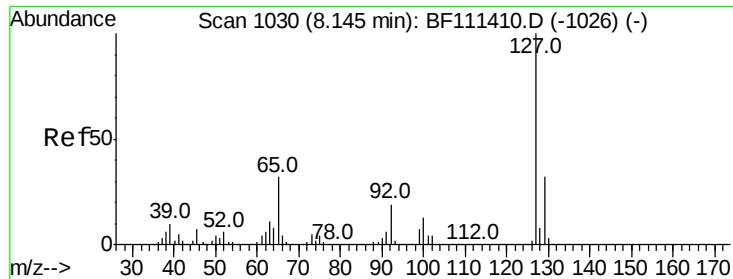
105 122.7 97.0 137.0

77 88.1 65.7 105.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

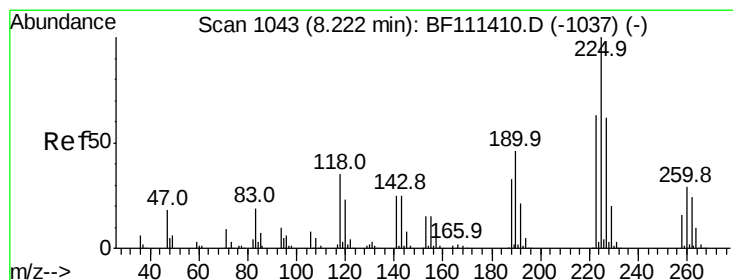
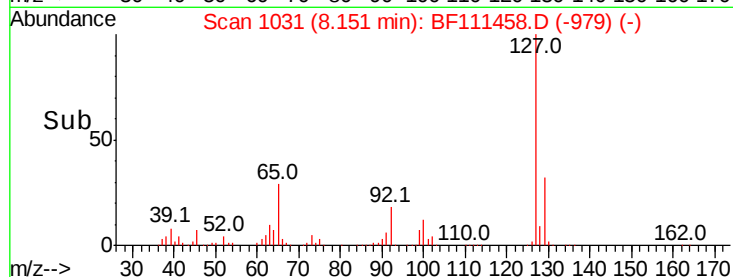
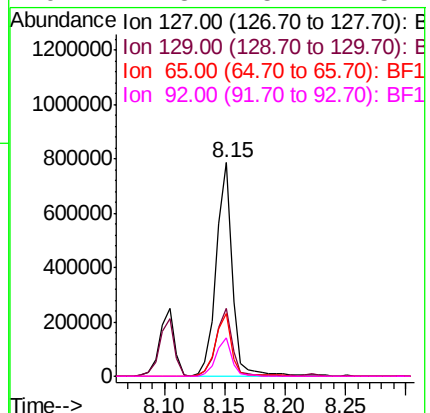
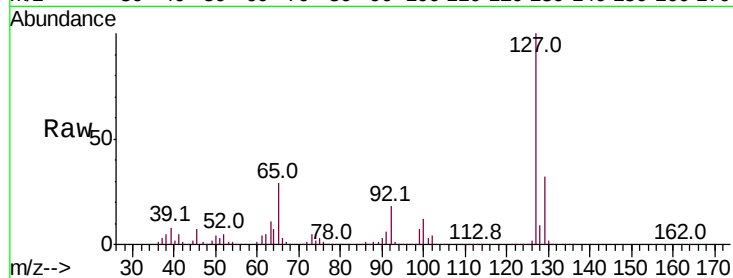




#33
4-Chloroaniline
Concen: 39.603 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

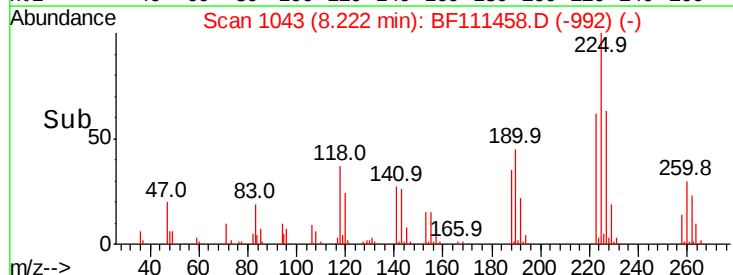
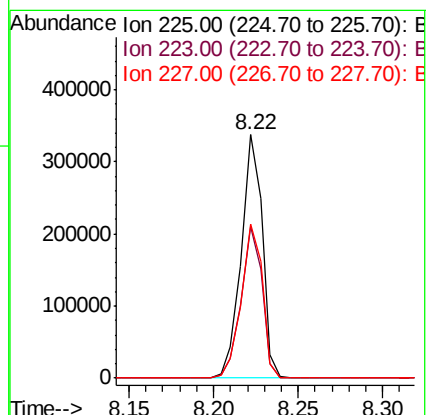
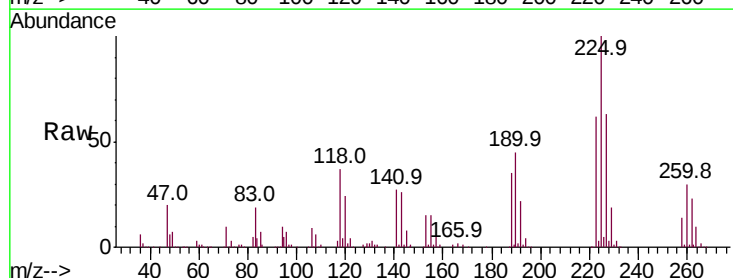
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

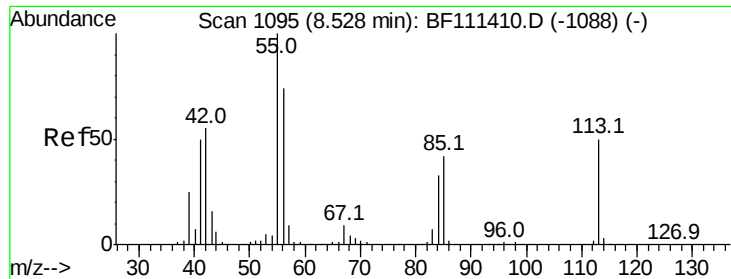
Tot Ion:	127	Resp:	712014
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.6	39.8
65	29.2	25.7	38.5
92	17.8	15.4	23.2



#34
Hexachlorobutadiene
Concen: 42.595 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

Tgt Ion:	225	Resp:	291961
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.7	76.1
227	63.2	52.6	78.8

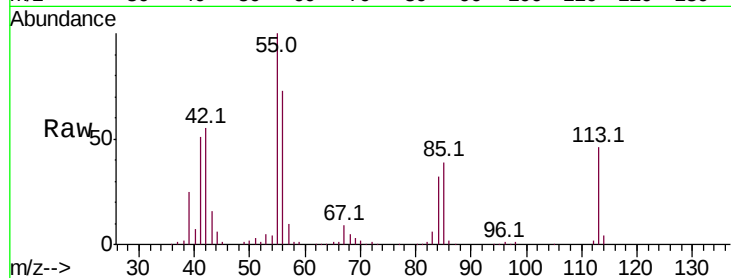




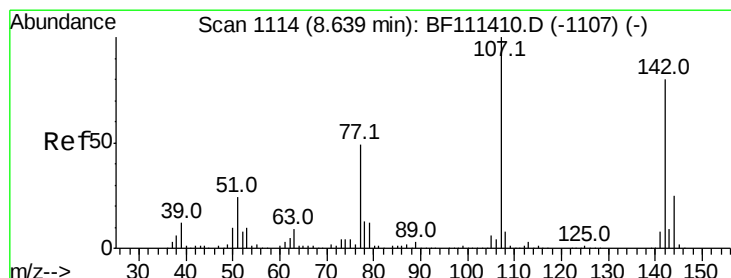
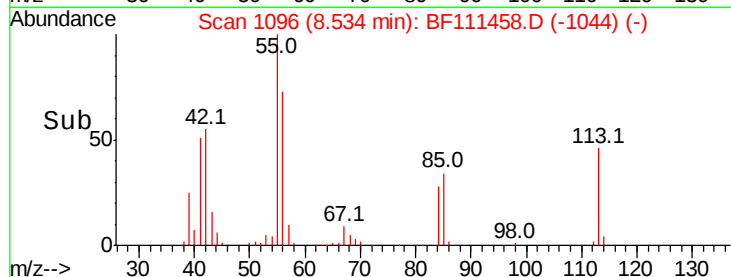
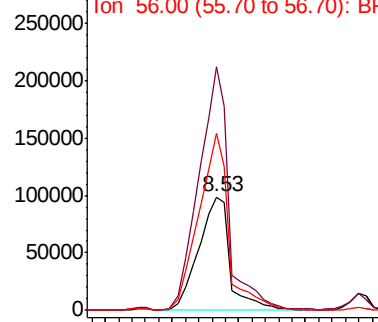
#35
Caprolactam
Concen: 37.249 ng
RT: 8.53 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 164364
Ion Ratio Lower Upper
113 100
55 215.1 184.1 224.1
56 156.6 126.0 166.0

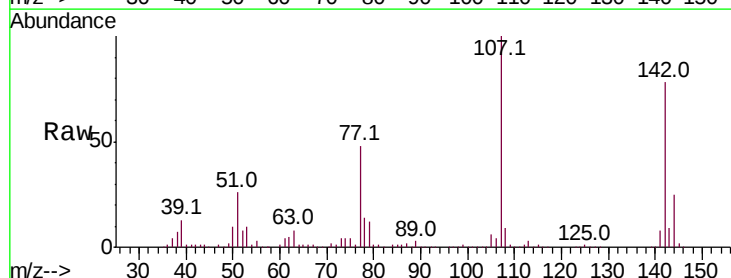


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

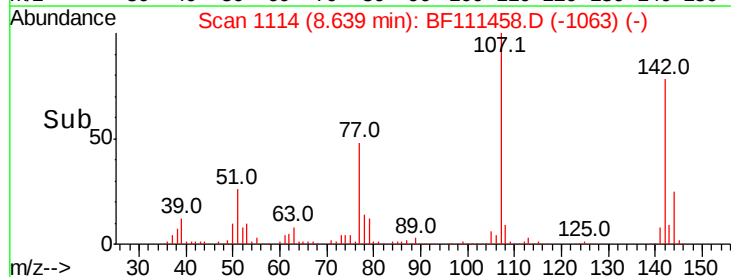
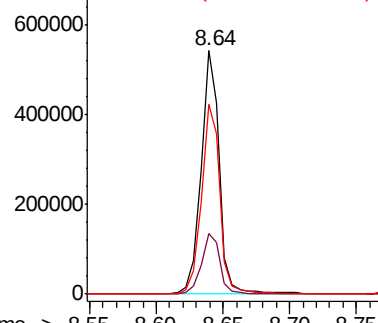


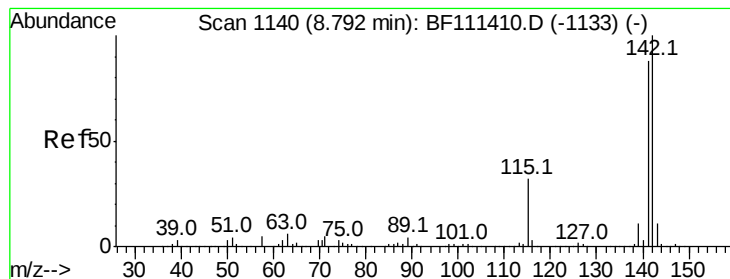
#36
4-Chloro-3-methylphenol
Concen: 39.880 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

Tgt Ion:107 Resp: 521708
Ion Ratio Lower Upper
107 100
144 25.0 19.8 29.6
142 78.0 62.3 93.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

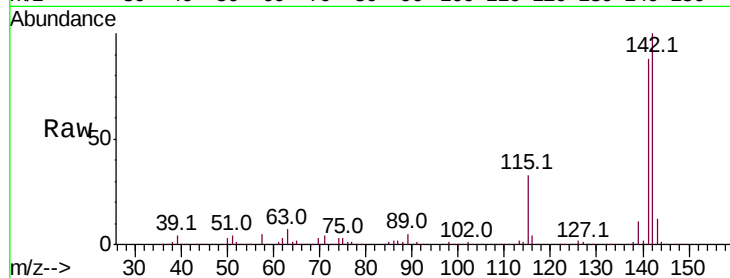




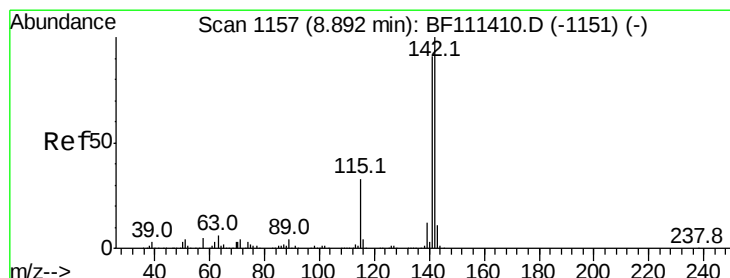
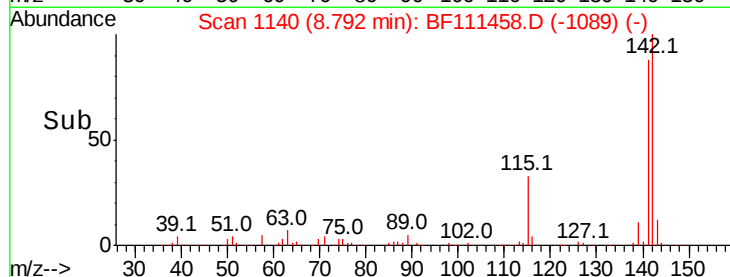
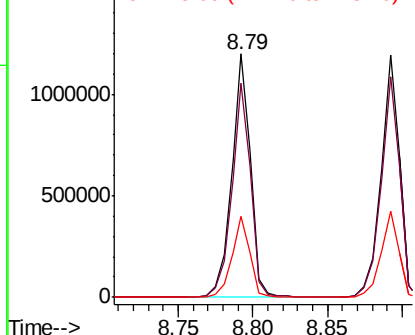
#37
 2-Methylnaphthalene
 Concen: 38.741 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF111458.D
 Acq: 15 Dec 2018 10:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:142 Resp: 1059918
 Ion Ratio Lower Upper
 142 100
 141 88.1 70.6 105.8
 115 33.4 27.0 40.6

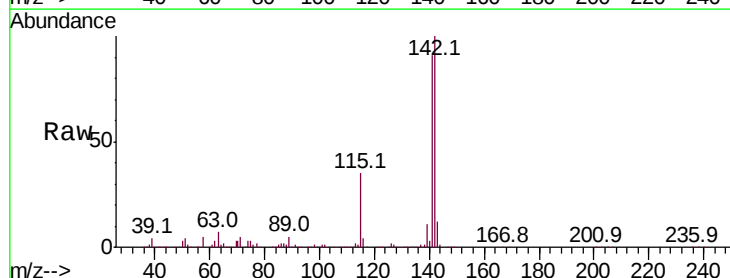


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

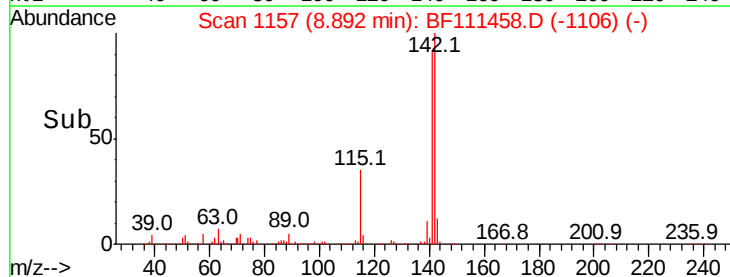
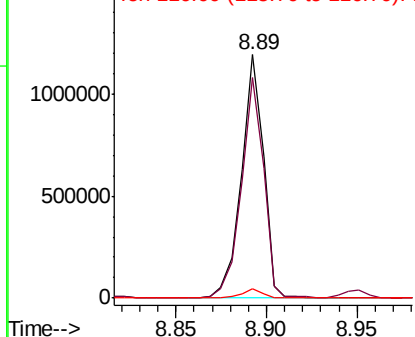


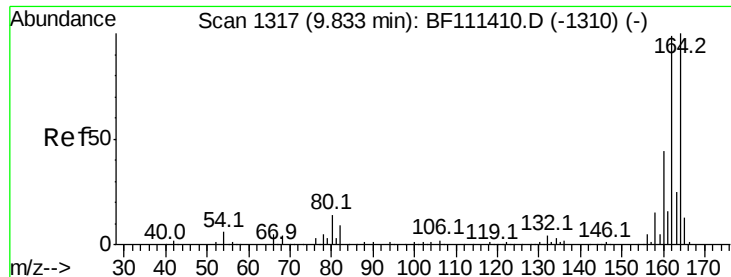
#38
 1-Methylnaphthalene
 Concen: 37.877 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF111458.D
 Acq: 15 Dec 2018 10:23

Tgt Ion:142 Resp: 1001115
 Ion Ratio Lower Upper
 142 100
 141 90.8 74.2 111.4
 116 3.8 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

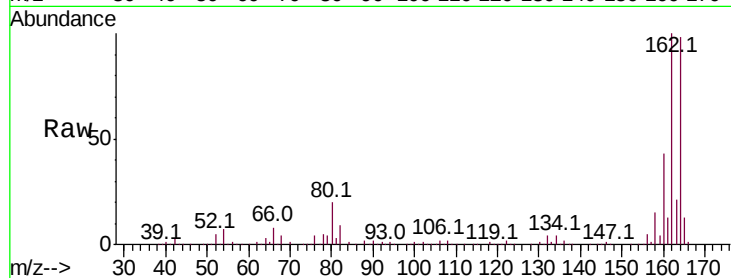
Tot Ion:164 Resp: 399769

Ion Ratio Lower Upper

164 100

162 102.3 81.4 122.0

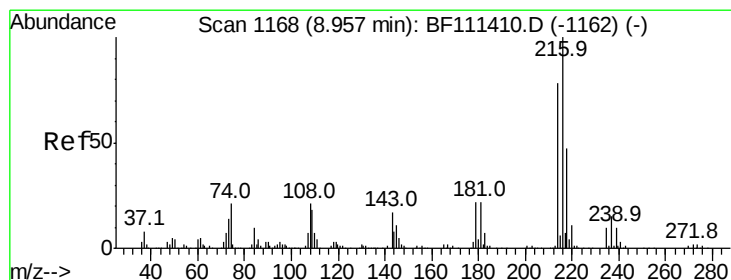
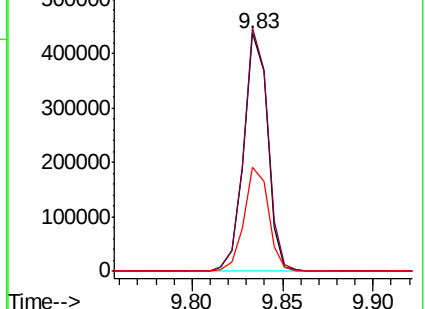
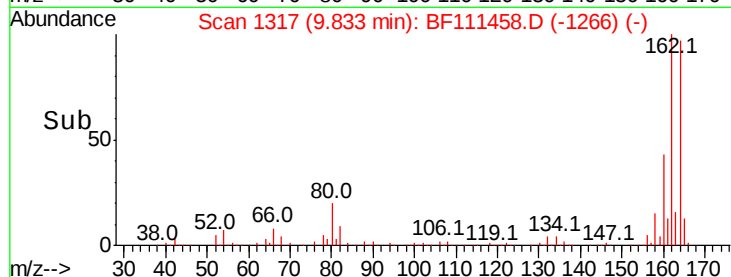
160 44.0 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.471 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

Tgt Ion:216 Resp: 465617

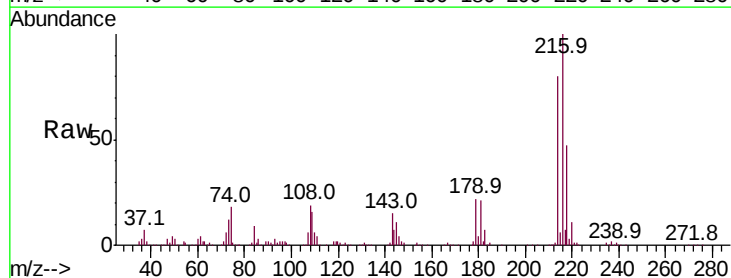
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.8

179 22.2 17.9 26.9

108 20.9 18.4 27.6

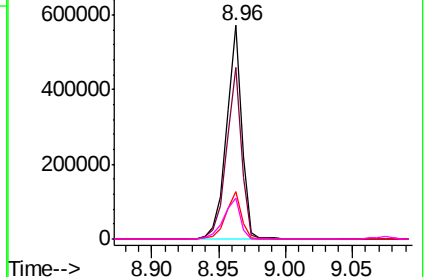
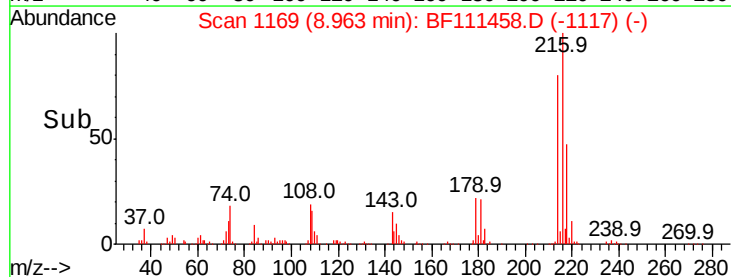


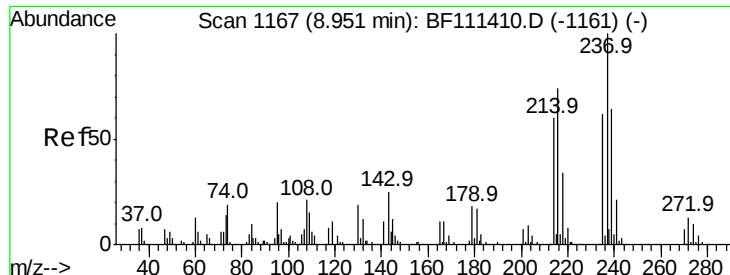
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 41.417 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

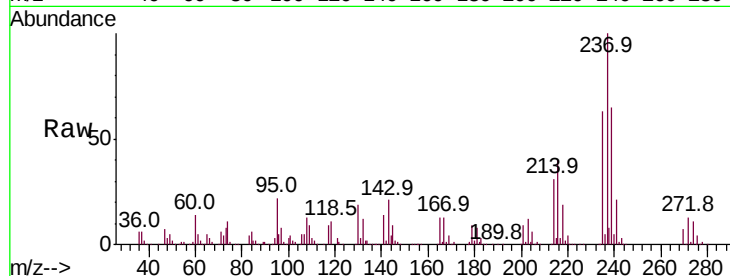
Tot Ion:237 Resp: 233128

Ion Ratio Lower Upper

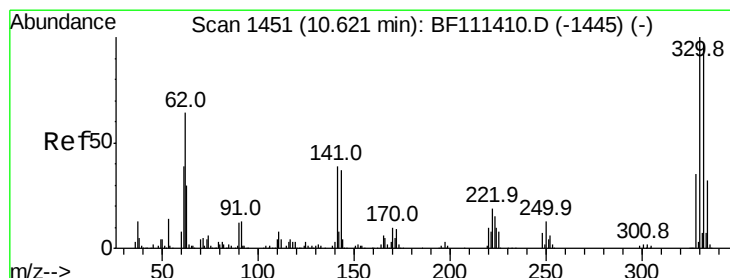
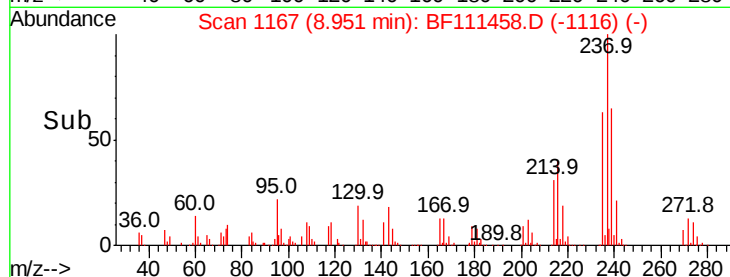
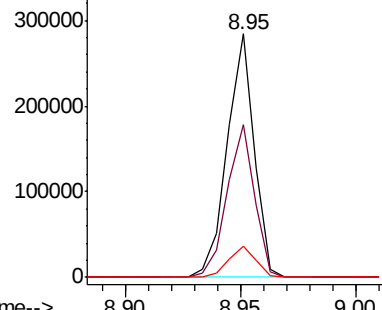
237 100

235 62.9 43.1 83.1

272 12.9 0.0 33.0



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: 80.372 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

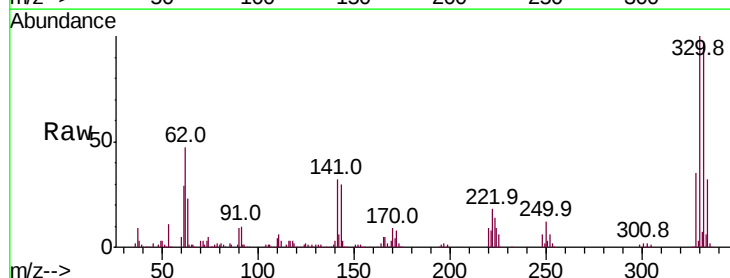
Tgt Ion:330 Resp: 287818

Ion Ratio Lower Upper

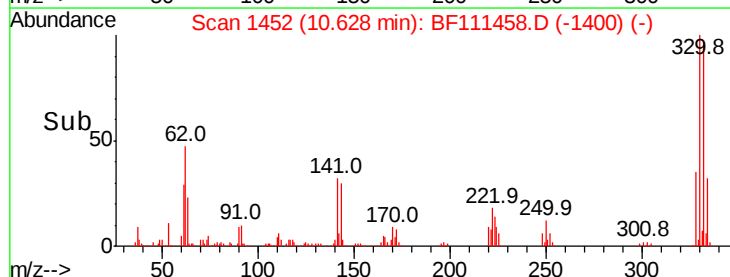
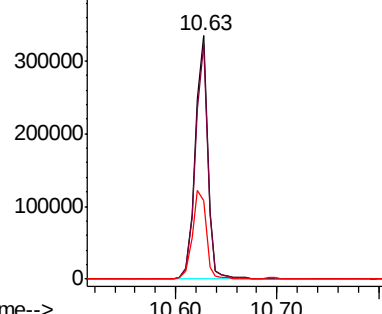
330 100

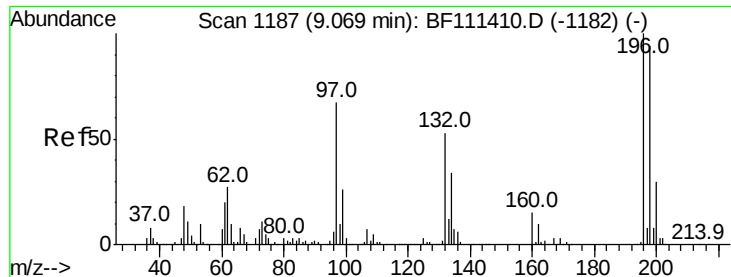
332 95.9 76.0 114.0

141 40.2 31.0 46.6



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

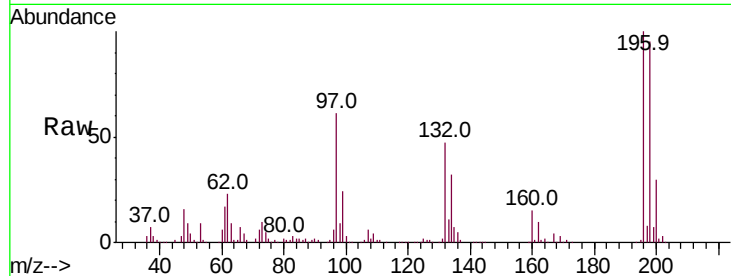




#43
2,4,6-Trichlorophenol
Concen: 41.779 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.01 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.3	114.5
200	29.9	24.9	37.3

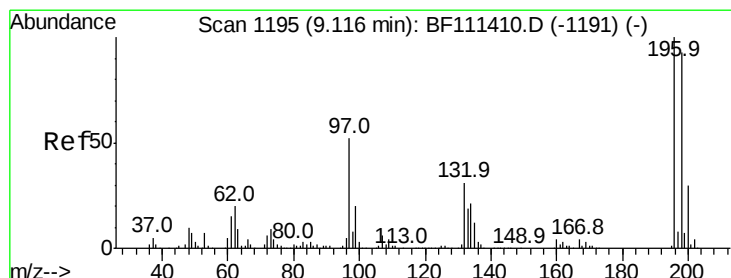
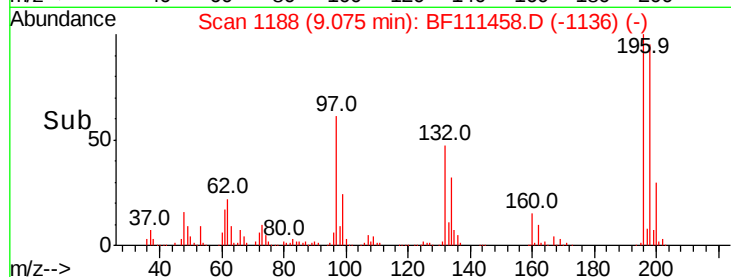
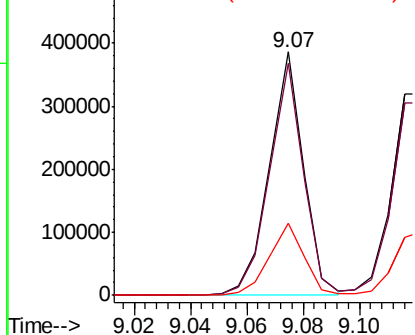


Abundance

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: 41.596 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	72.9	109.3
97	49.4	45.3	67.9
132	29.9	25.5	38.3

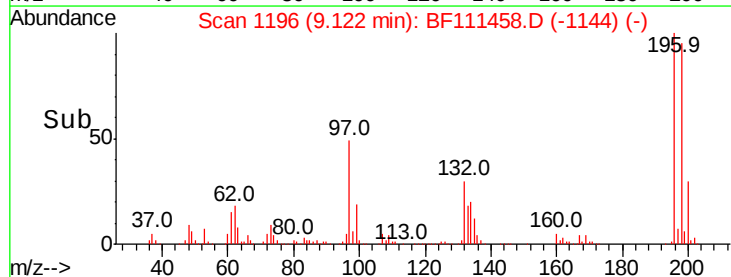
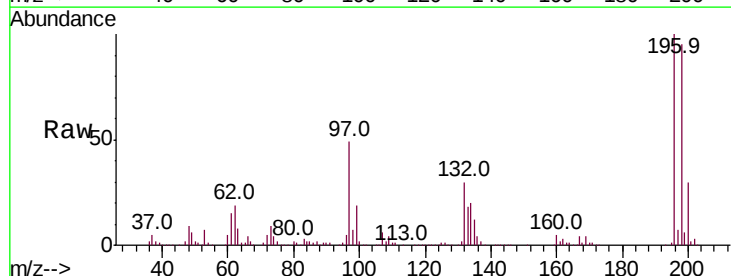
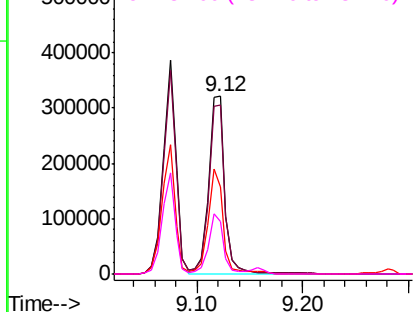
Abundance

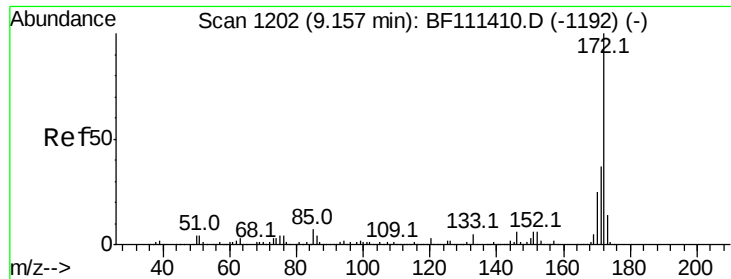
Ion 196.00 (195.70 to 196.70): E

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

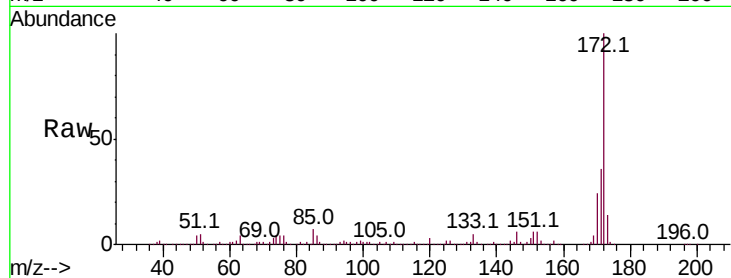




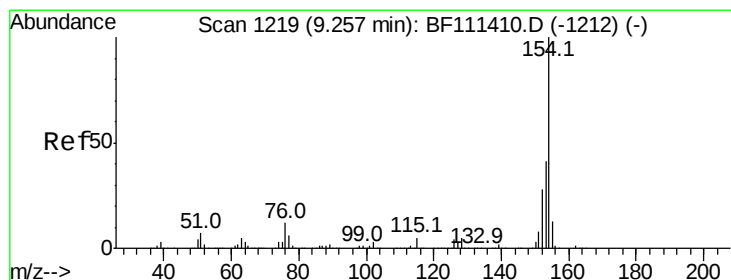
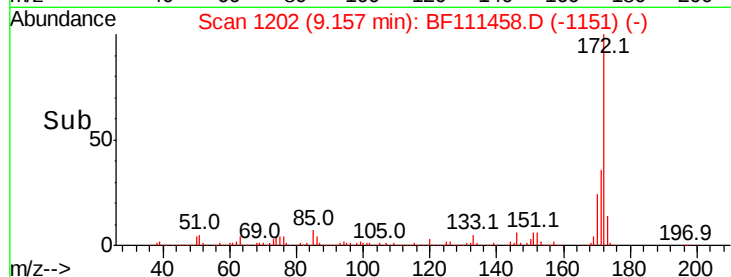
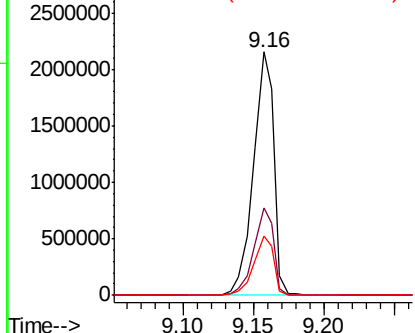
#45
2-Fluorobiphenyl
Concen: 85.171 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 2204329
Ion Ratio Lower Upper
172 100
171 36.0 33.0 49.4
170 24.3 22.3 33.5

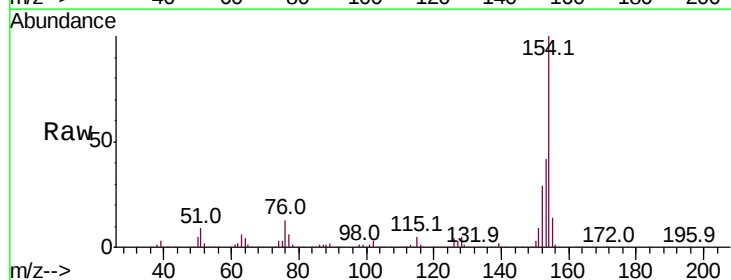


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

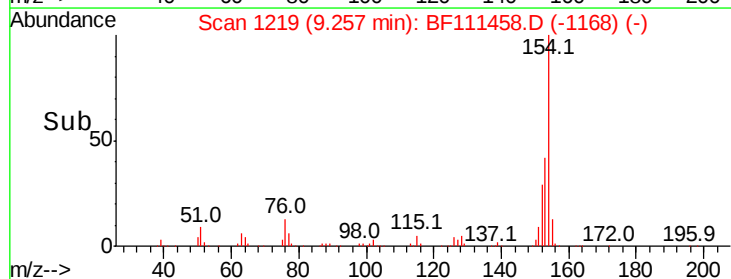
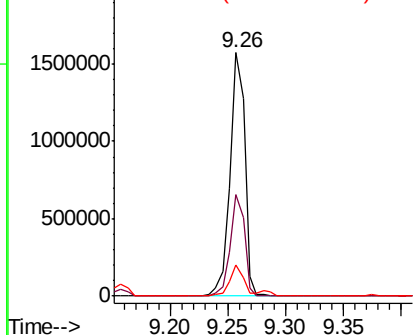


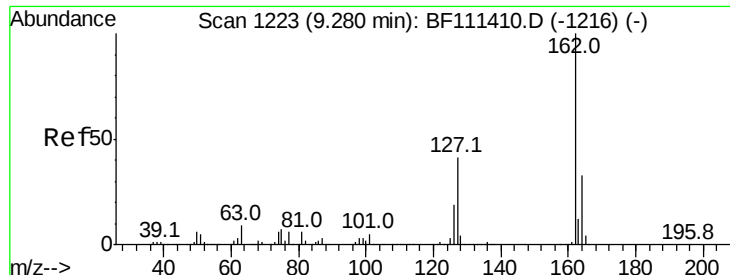
#46
1,1'-Biphenyl
Concen: 41.094 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

Tgt Ion:154 Resp: 1391987
Ion Ratio Lower Upper
154 100
153 41.7 23.7 63.7
76 13.0 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

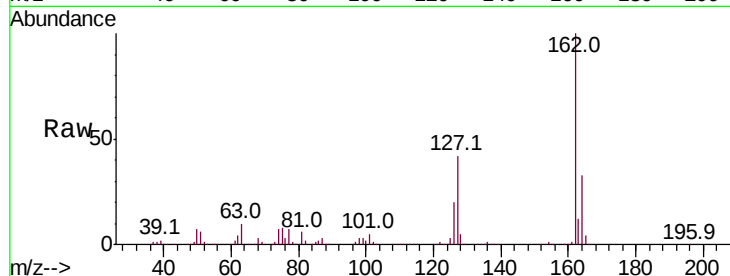




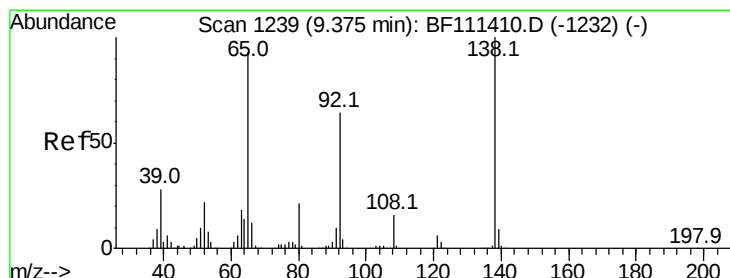
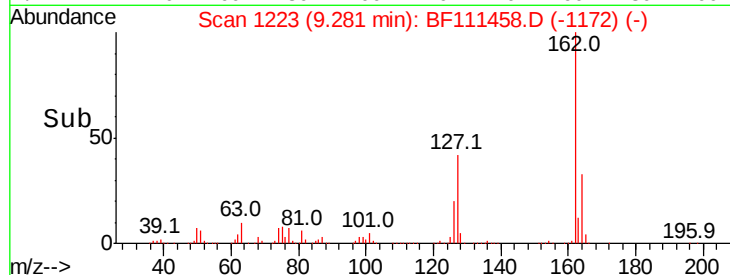
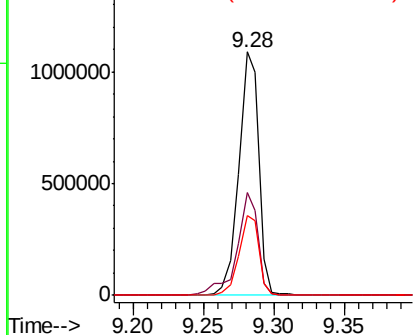
#47
 2-Chloronaphthalene
 Concen: 41.483 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BF111458.D
 Acq: 15 Dec 2018 10:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	1068087
Ion	Ratio	Lower	Upper
162	100		
127	42.2	35.0	52.4
164	32.7	28.4	42.6

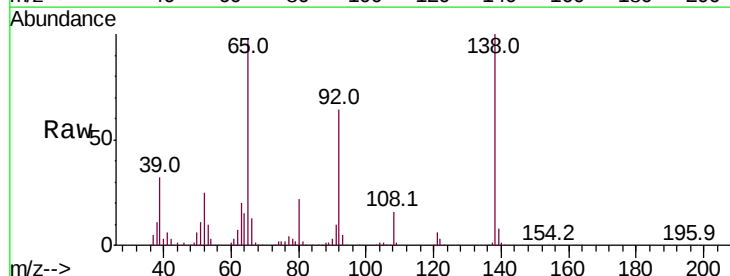


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

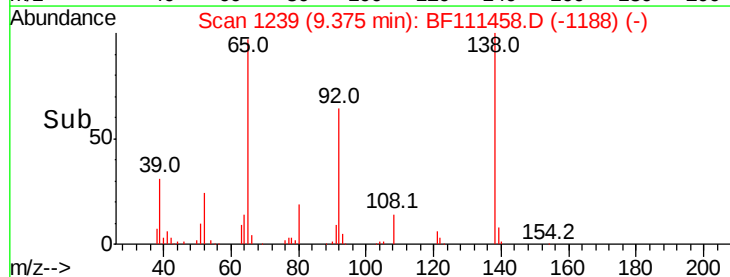
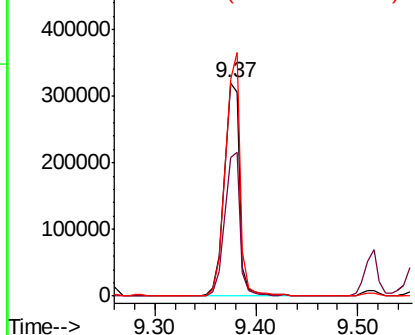


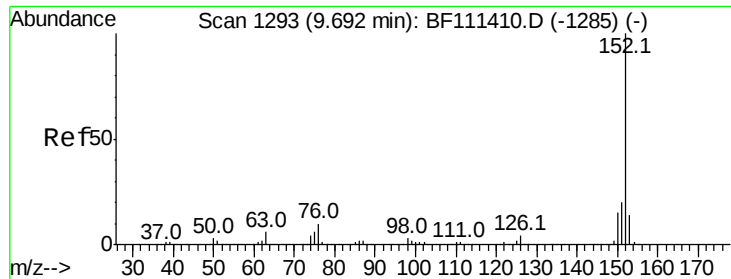
#48
 2-Nitroaniline
 Concen: 40.549 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BF111458.D
 Acq: 15 Dec 2018 10:23

Tgt Ion:	65	Resp:	338989
Ion	Ratio	Lower	Upper
65	100		
92	65.3	53.5	80.3
138	101.8	80.9	121.3



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





#49

Acenaphthylene

Concen: 40.640 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

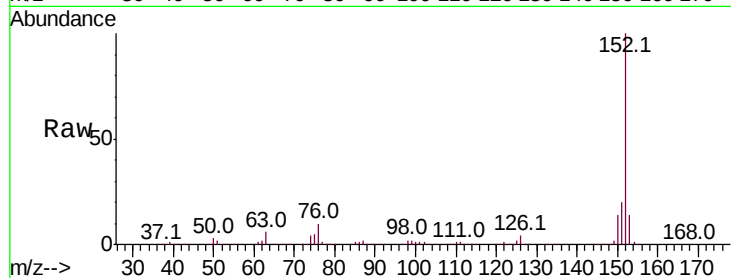
Tot Ion:152 Resp: 1553204

Ion Ratio Lower Upper

152 100

151 20.4 18.0 27.0

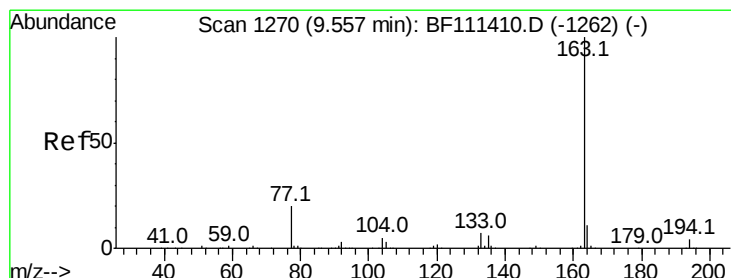
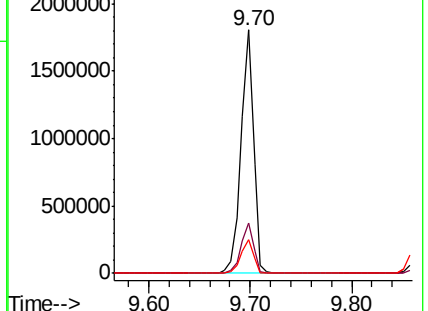
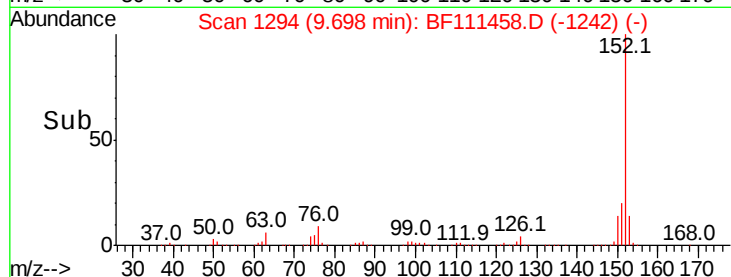
153 13.8 12.3 18.5



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: 40.131 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

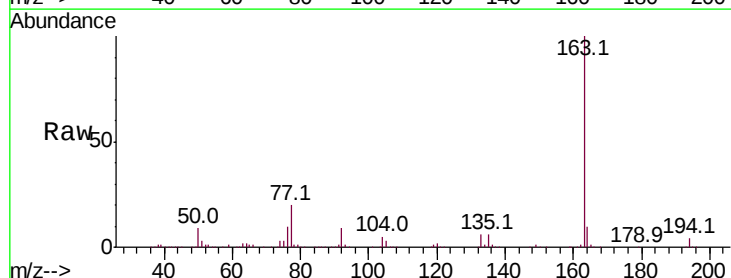
Tgt Ion:163 Resp: 1155389

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

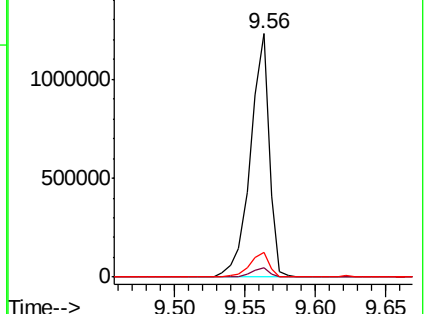
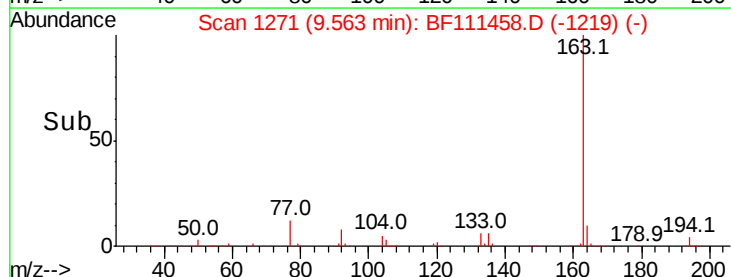
164 9.9 8.9 13.3

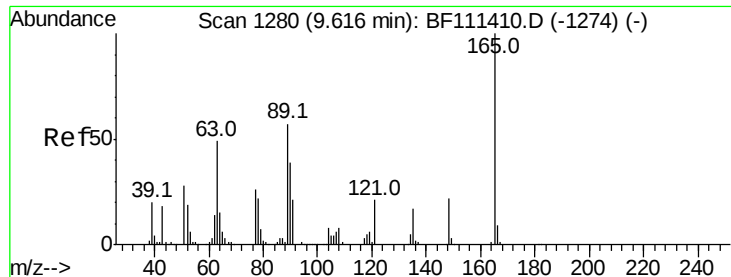


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

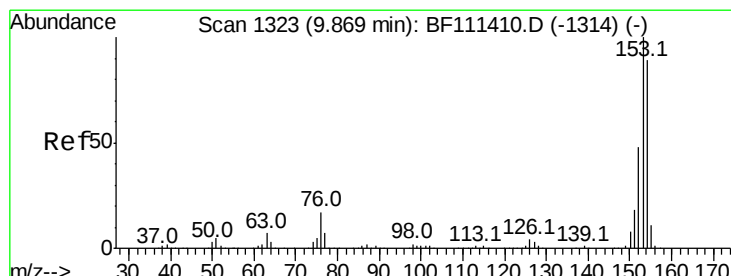
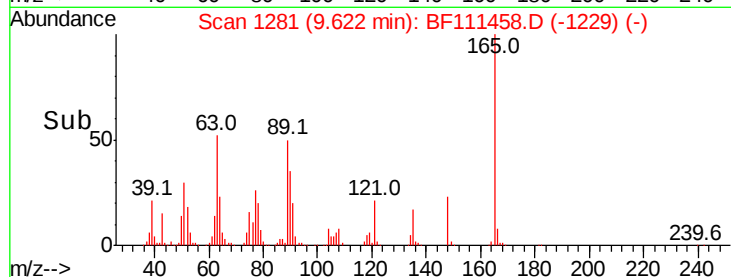
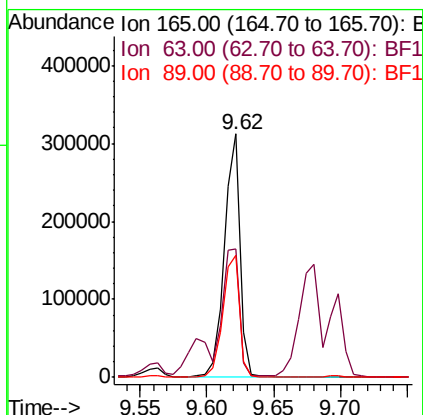
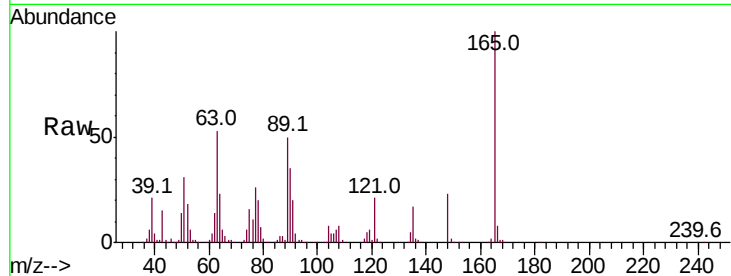




#51
 2,6-Dinitrotoluene
 Concen: 40.178 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. 0.01 min
 Lab File: BF111458.D
 Acq: 15 Dec 2018 10:23

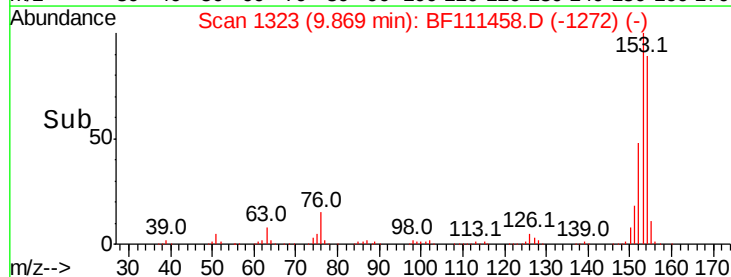
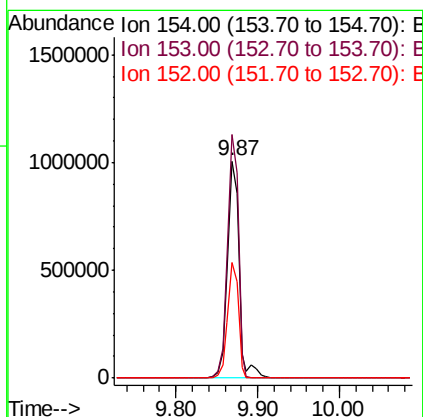
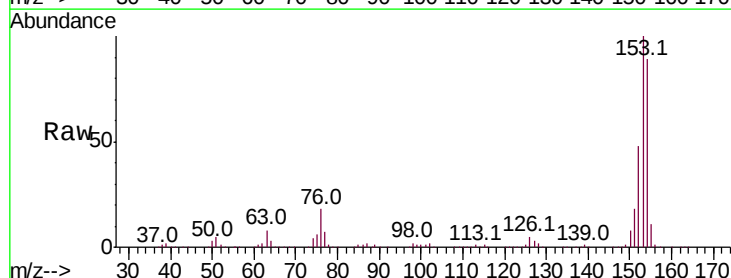
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

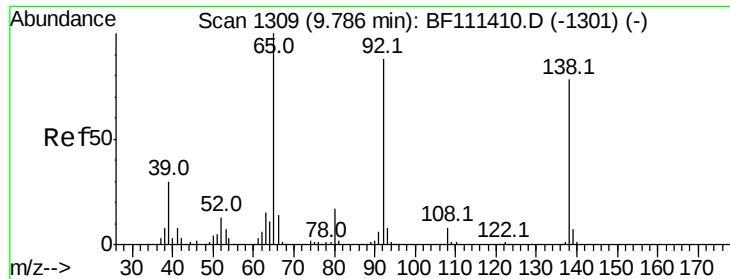
Tot Ion	Ratio	Lower	Upper
165	100		
63	52.7	40.5	60.7
89	49.9	40.0	60.0



#52
 Acenaphthene
 Concen: 40.693 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF111458.D
 Acq: 15 Dec 2018 10:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.1	87.8	131.8
152	53.4	43.4	65.2

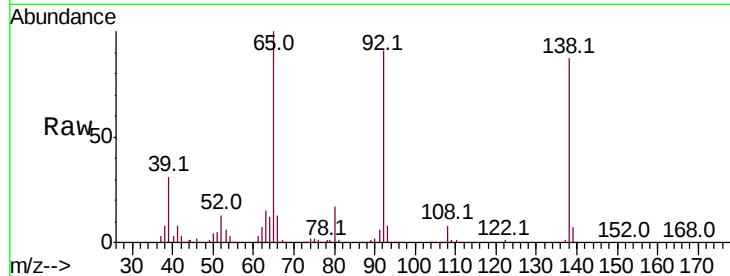




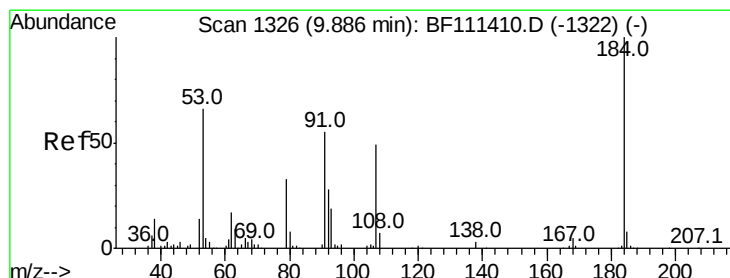
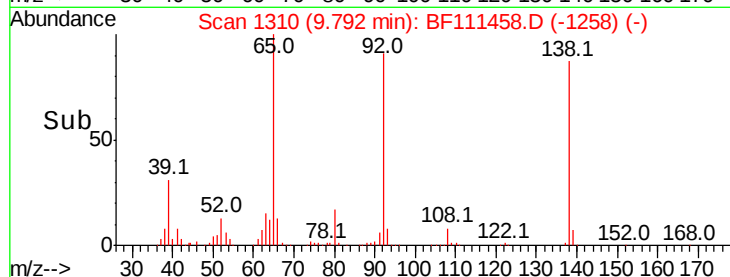
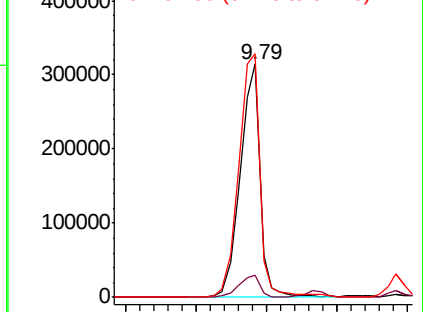
#53
3-Nitroaniline
Concen: 39.188 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 308463
Ion Ratio Lower Upper
138 100
108 9.4 8.2 12.4
92 104.4 93.4 140.2

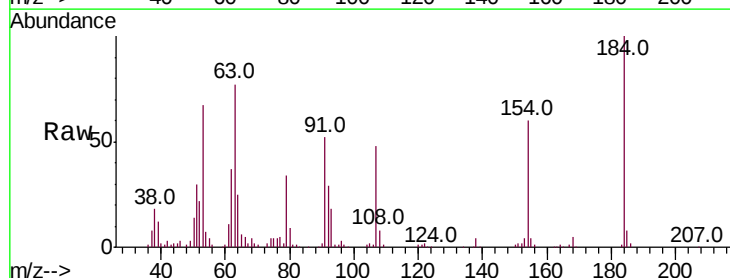


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

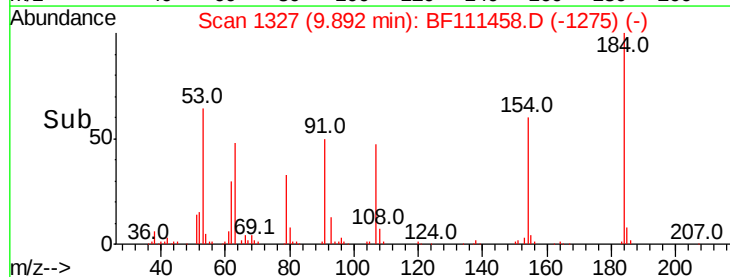
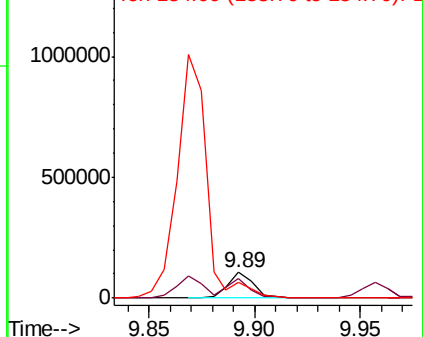


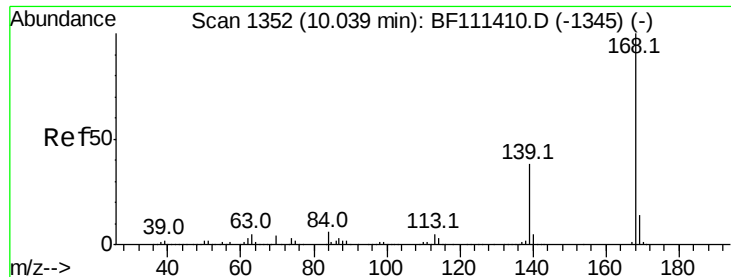
#54
2,4-Dinitrophenol
Concen: 36.986 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

Tgt Ion:184 Resp: 91190
Ion Ratio Lower Upper
184 100
63 77.2 62.3 93.5
154 60.3 56.2 84.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

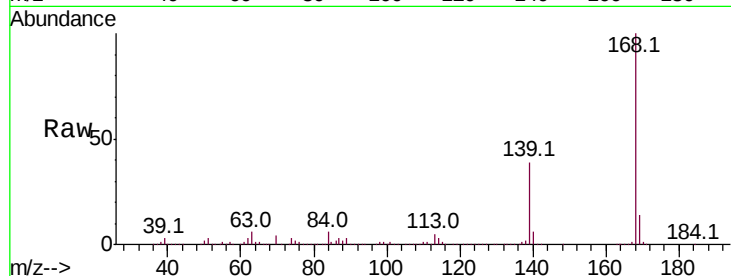




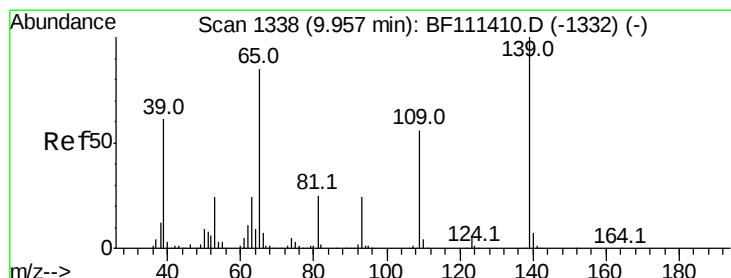
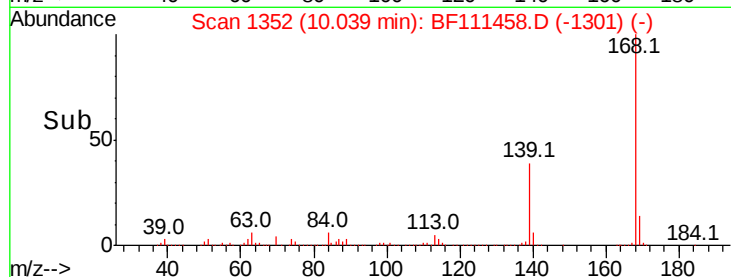
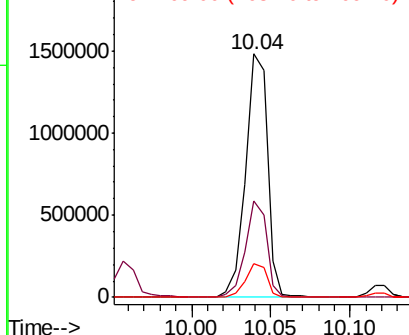
#55
Dibenzofuran
Concen: 40.593 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1423301
Ion Ratio Lower Upper
168 100
139 39.4 32.6 49.0
169 13.9 11.8 17.6

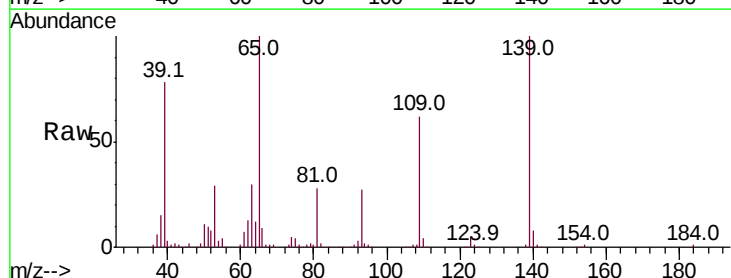


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

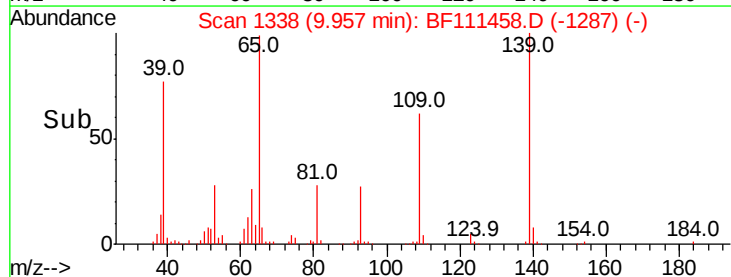
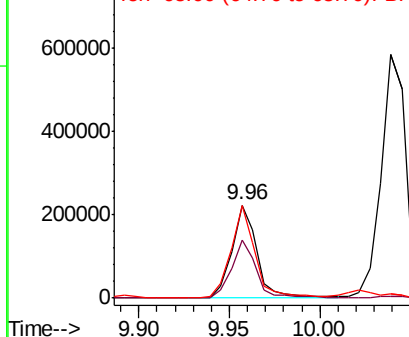


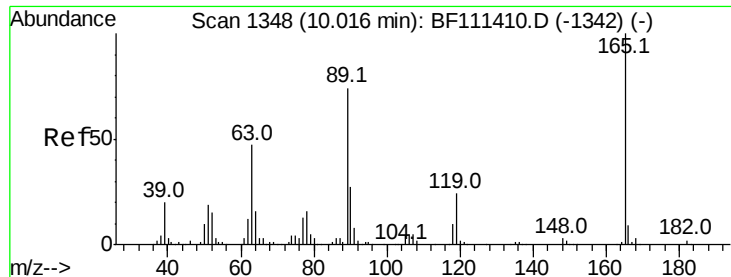
#56
4-Nitrophenol
Concen: 39.667 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

Tgt Ion:139 Resp: 216083
Ion Ratio Lower Upper
139 100
109 61.9 41.8 81.8
65 99.7 79.6 119.6



Abundance Ion 139.00 (138.70 to 139.70): E
800000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

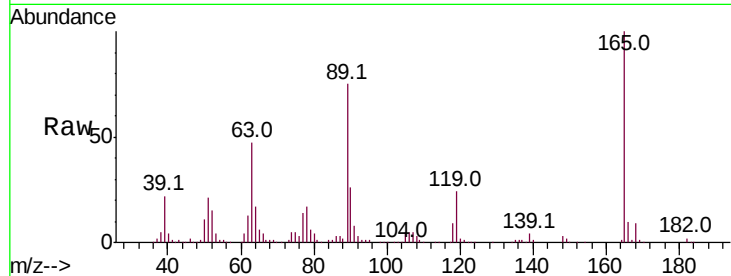




#57
2,4-Dinitrotoluene
Concen: 39.674 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.1	34.6	52.0
89	75.4	56.2	84.4
182	2.2	1.8	2.6



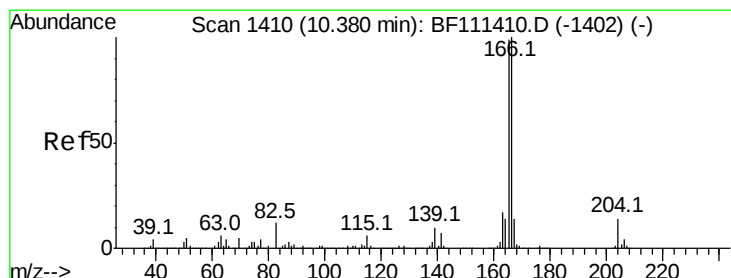
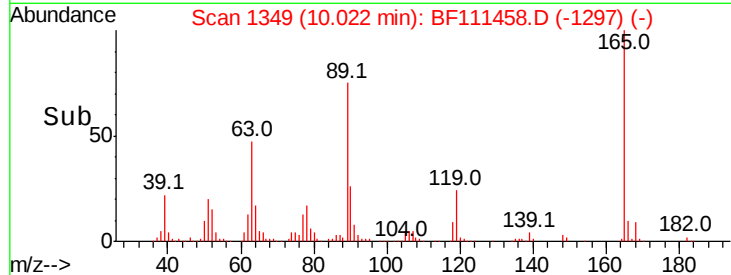
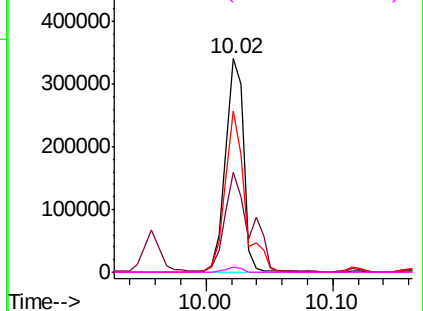
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

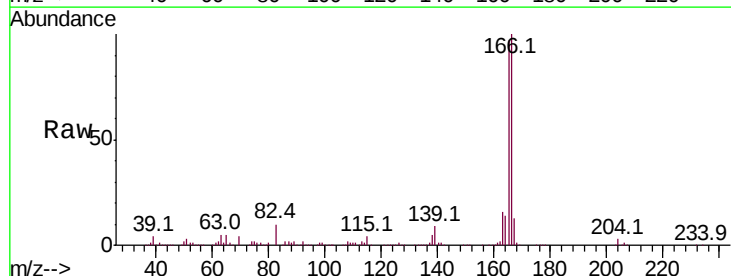
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.774 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.4	117.6
167	13.2	11.2	16.8

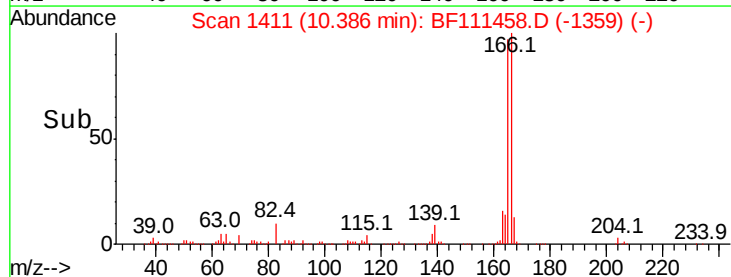
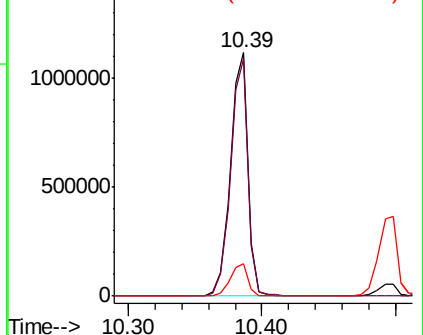


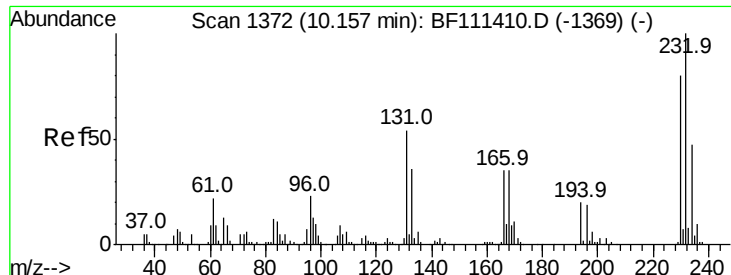
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.957 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.01 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 257771

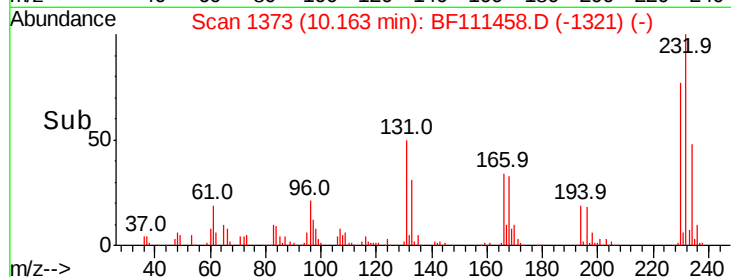
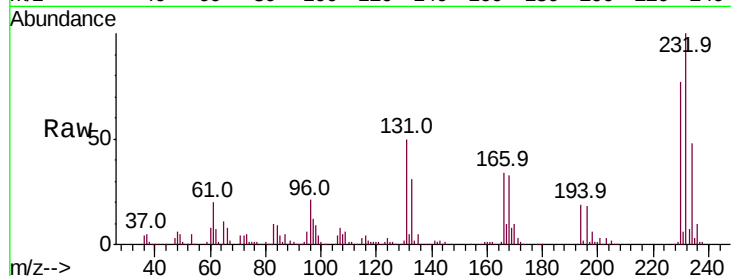
Ion Ratio Lower Upper

232 100

131 50.2 40.9 61.3

130 2.4 2.0 3.0

166 33.8 26.8 40.2

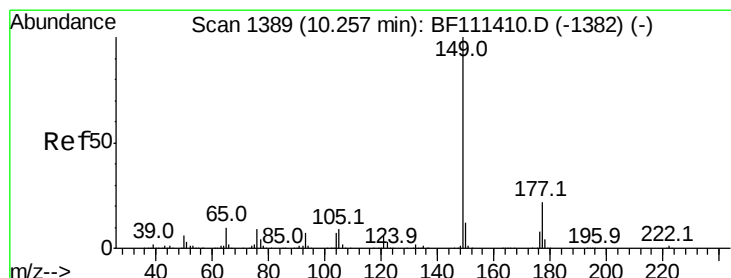
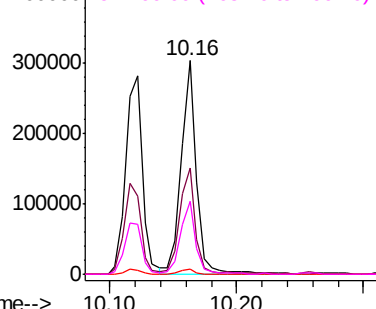


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.370 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

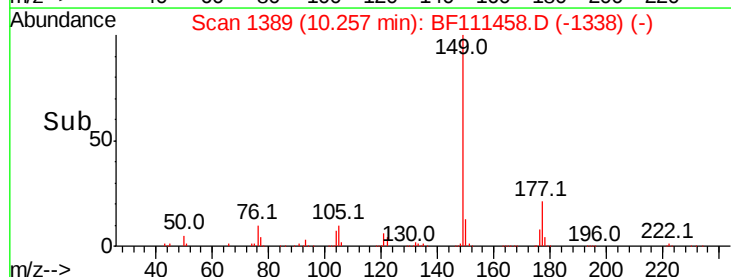
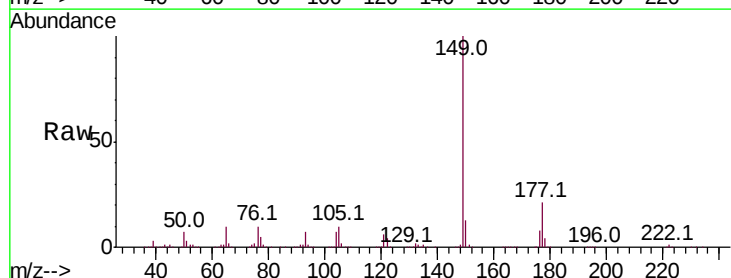
Tgt Ion:149 Resp: 1177336

Ion Ratio Lower Upper

149 100

177 20.8 18.3 27.5

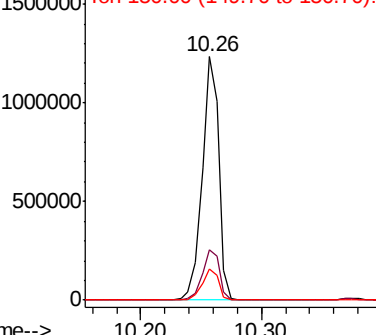
150 12.6 10.6 15.8

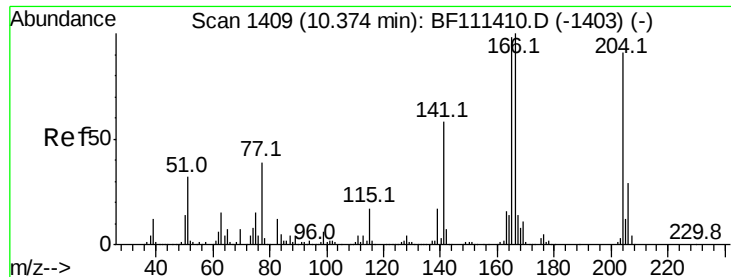


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

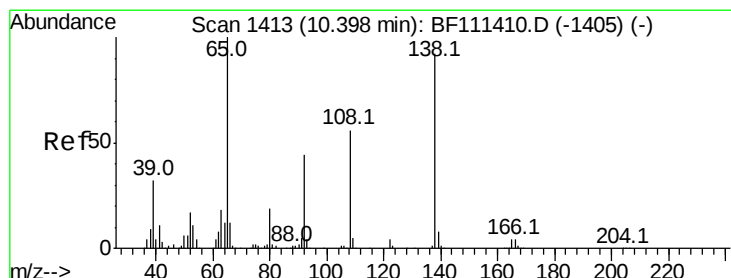
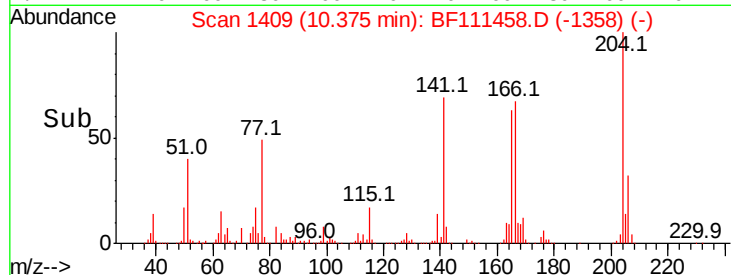
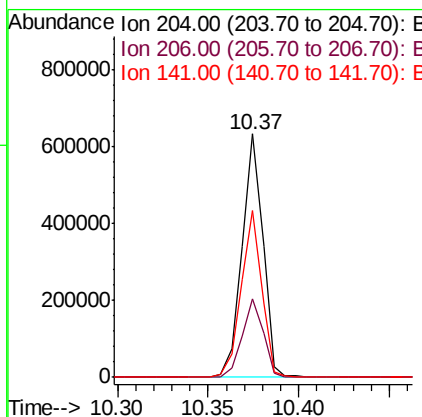
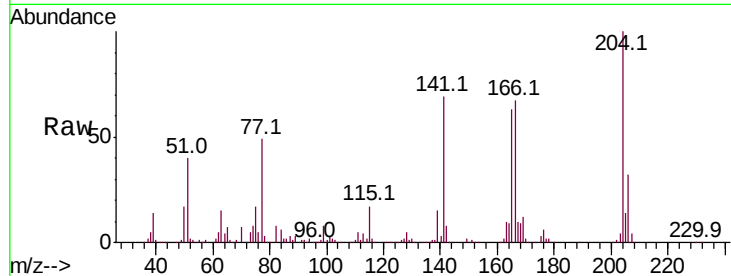




#61
4-Chlorophenyl-phenylether
Concen: 40.860 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

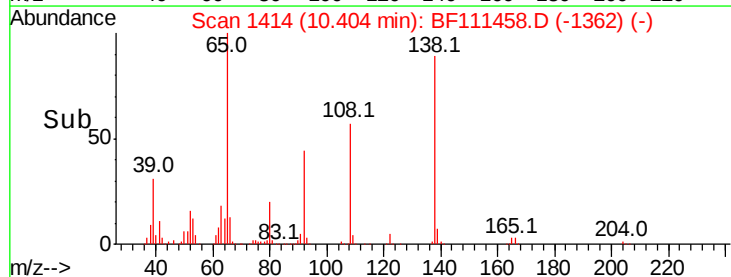
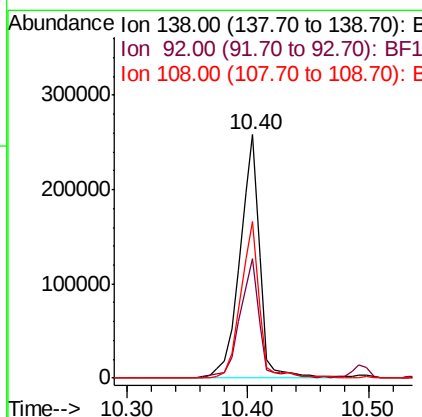
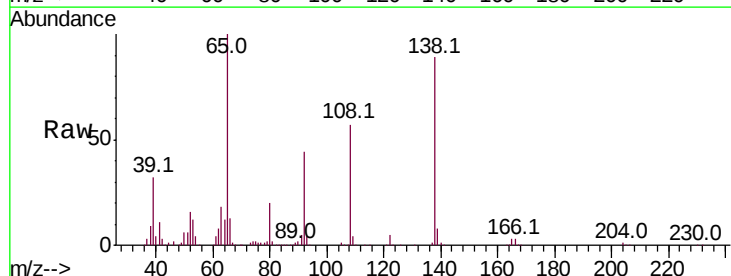
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

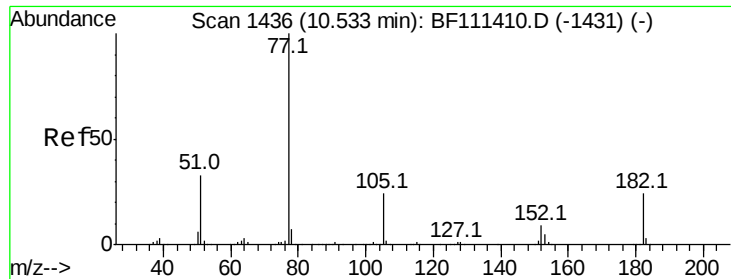
Tot Ion:204 Resp: 508410
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 68.6 52.6 78.8



#62
4-Nitroaniline
Concen: 38.085 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

Tgt Ion:138 Resp: 296762
Ion Ratio Lower Upper
138 100
92 49.0 29.9 69.9
108 64.1 43.2 83.2





#63

Azobenzene

Concen: 39.956 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1148765

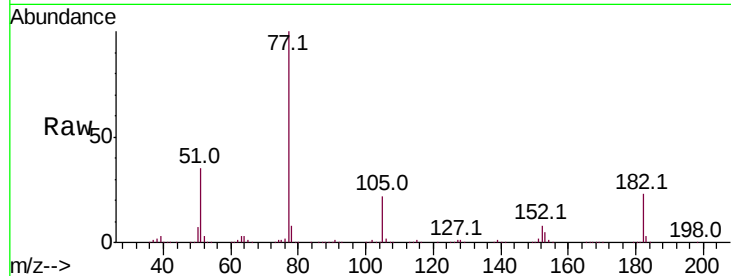
Ion Ratio Lower Upper

77 100

182 22.7 4.9 44.9

105 22.5 6.0 46.0

51 35.2 14.7 54.7

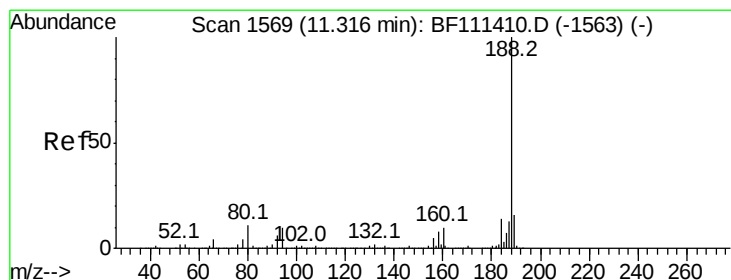
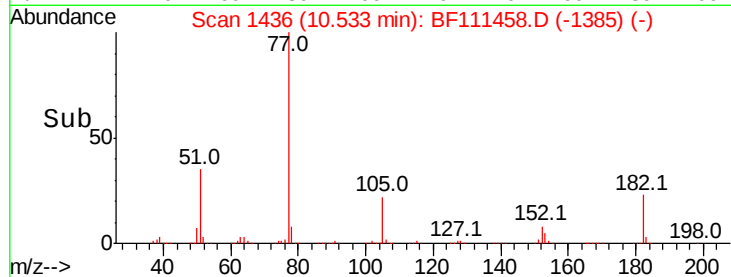
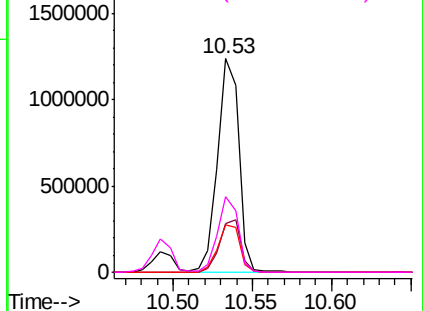


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

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: BF111458.D

Acq: 15 Dec 2018 10:23

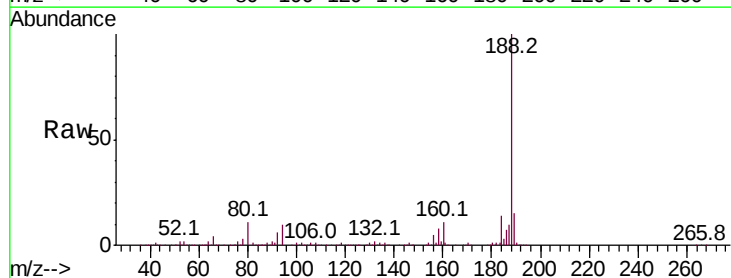
Tgt Ion: 188 Resp: 676496

Ion Ratio Lower Upper

188 100

94 10.4 9.6 14.4

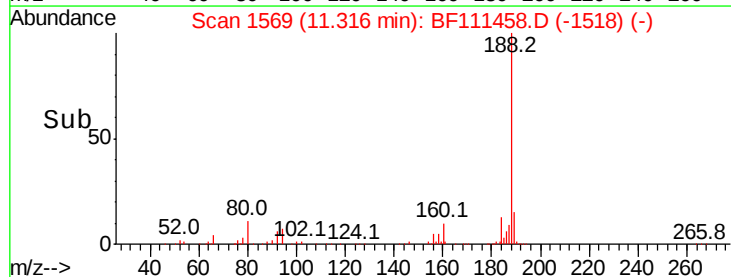
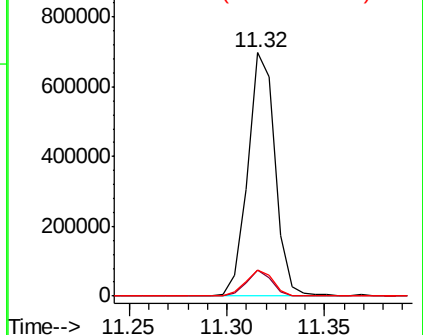
80 10.9 9.8 14.6

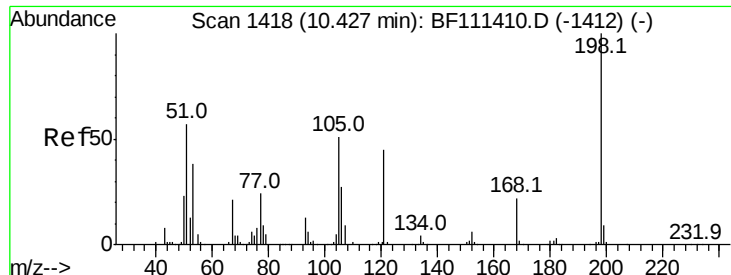


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

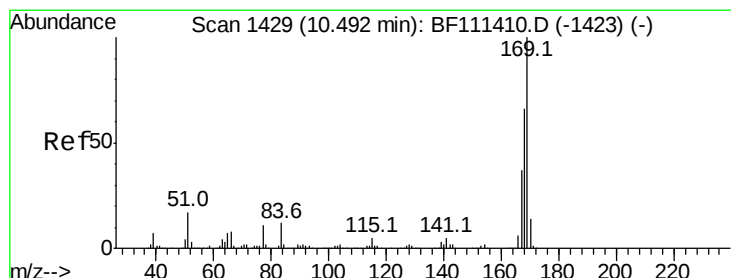
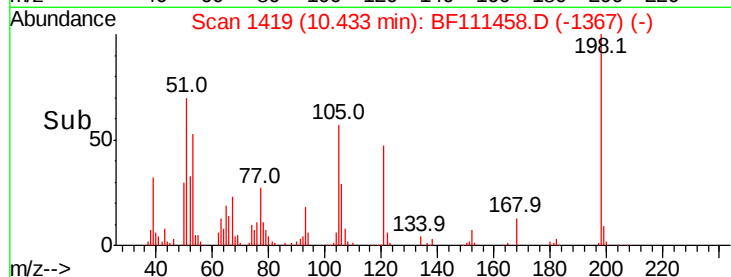
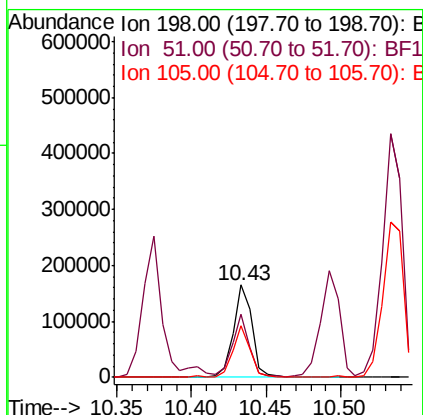
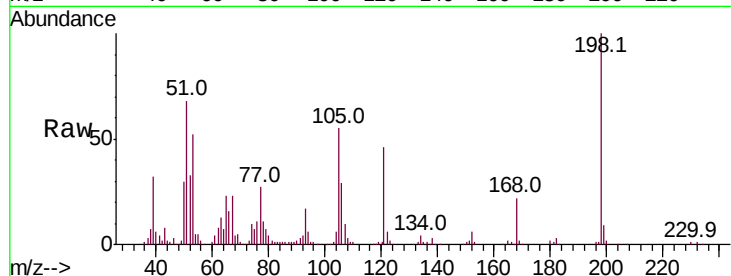




#65
4,6-Dinitro-2-methylphenol
Concen: 38.413 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

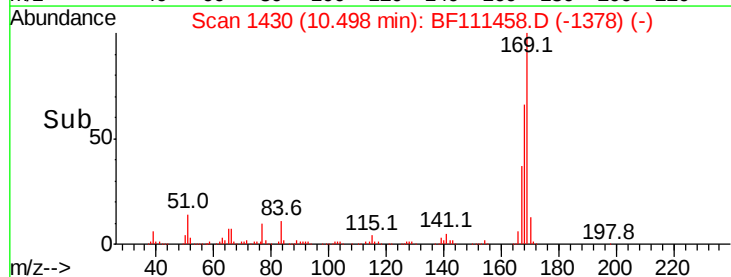
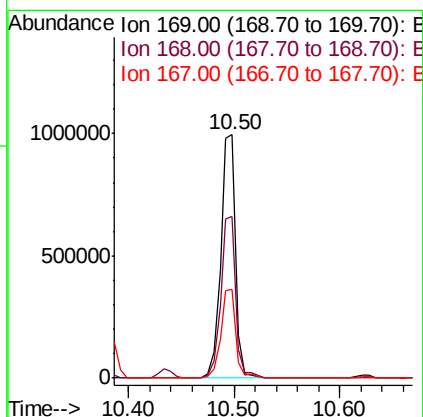
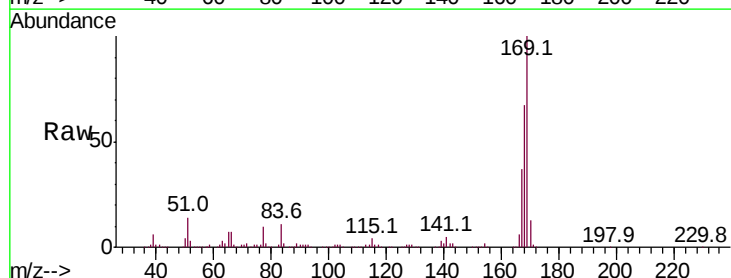
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

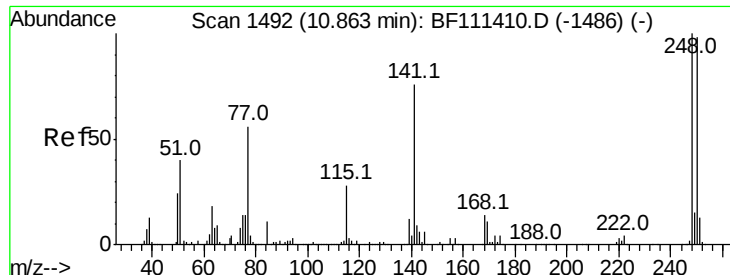
Tot Ion:198 Resp: 146706
Ion Ratio Lower Upper
198 100
51 68.5 48.0 88.0
105 55.5 34.0 74.0



#66
n-Nitrosodiphenylamine
Concen: 41.948 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

Tgt Ion:169 Resp: 978592
Ion Ratio Lower Upper
169 100
168 66.6 54.4 81.6
167 36.6 30.5 45.7

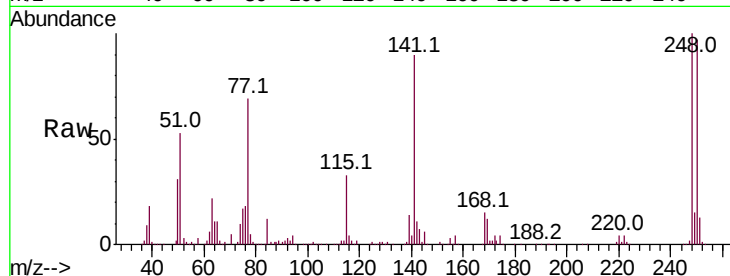




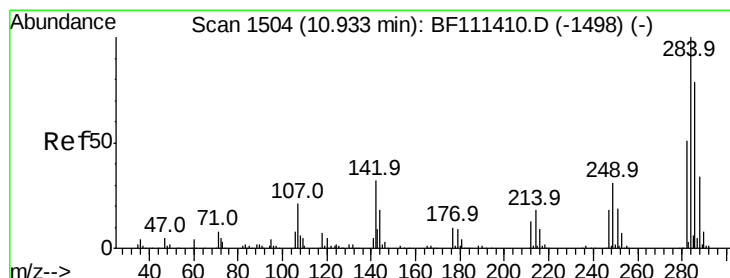
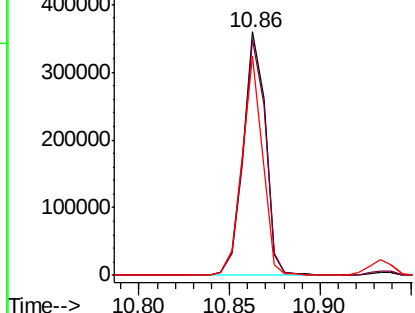
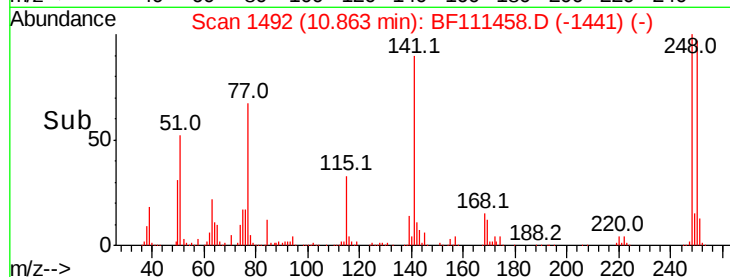
#67
 4-Bromophenyl-phenylether
 Concen: 42.229 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF111458.D
 Acq: 15 Dec 2018 10:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:248 Resp: 307901
 Ion Ratio Lower Upper
 248 100
 250 97.1 77.0 115.4
 141 90.1 63.0 94.6

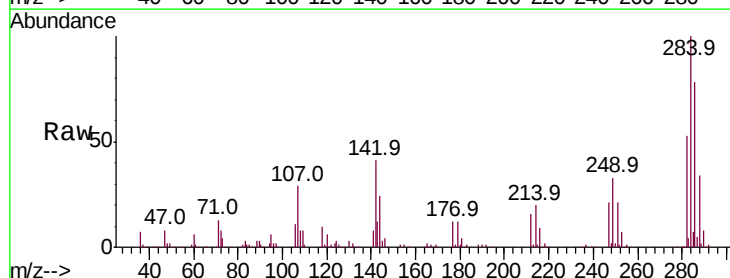


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

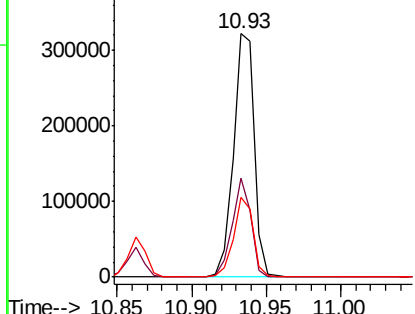
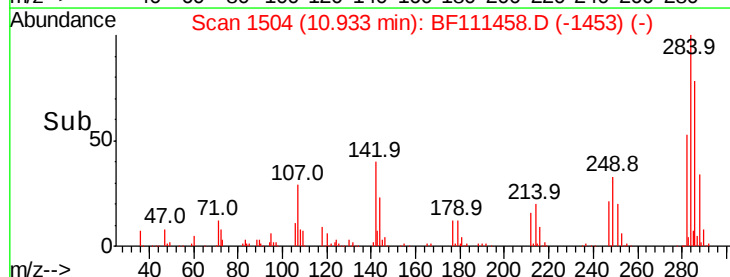


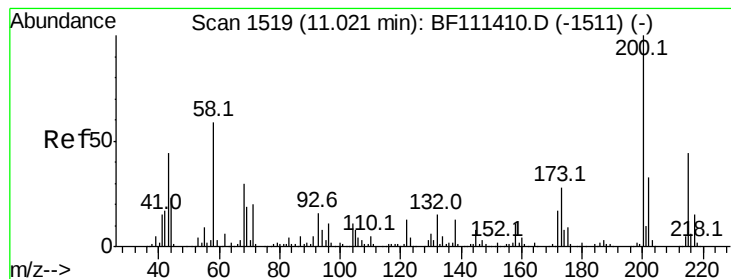
#68
 Hexachlorobenzene
 Concen: 42.161 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF111458.D
 Acq: 15 Dec 2018 10:23

Tgt Ion:284 Resp: 316211
 Ion Ratio Lower Upper
 284 100
 142 40.8 27.4 41.2
 249 33.0 24.4 36.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.245 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

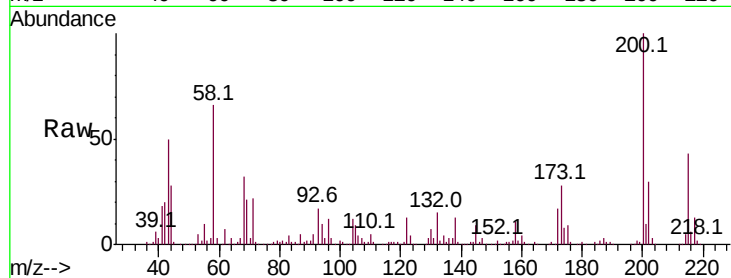
Tot Ion:200 Resp: 278075

Ion Ratio Lower Upper

200 100

173 27.9 10.1 50.1

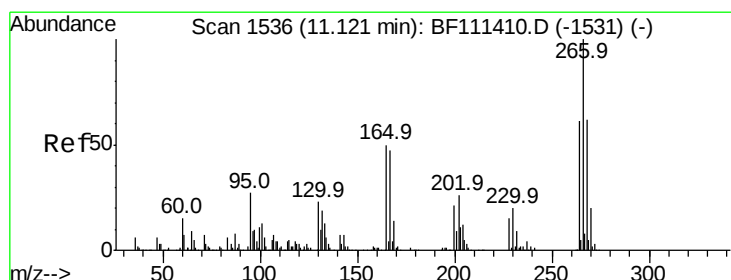
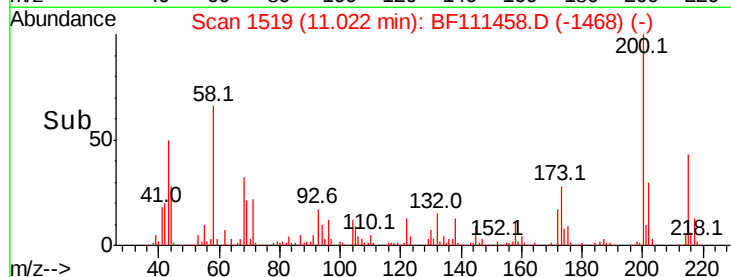
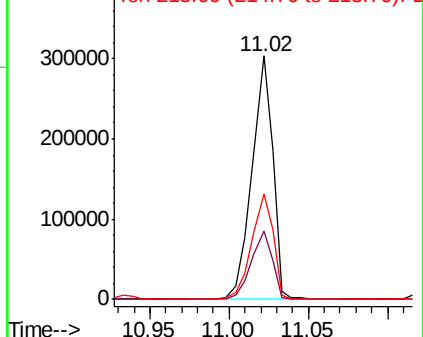
215 43.0 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 41.207 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

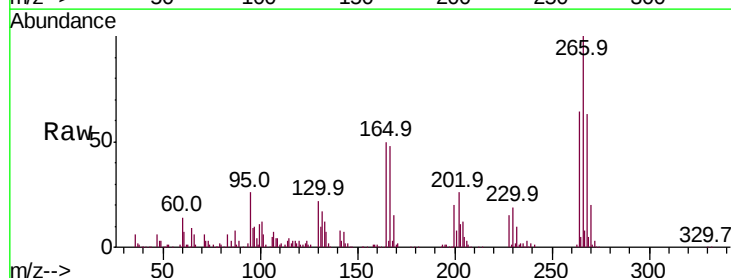
Tgt Ion:266 Resp: 189562

Ion Ratio Lower Upper

266 100

268 63.0 47.9 71.9

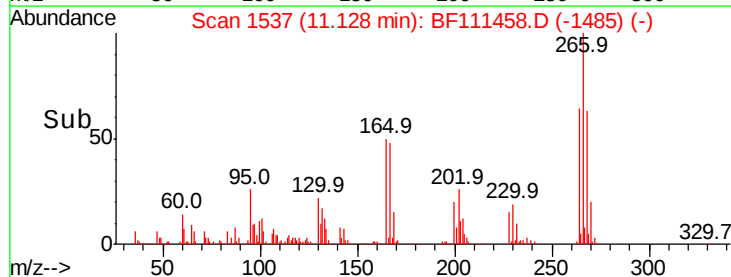
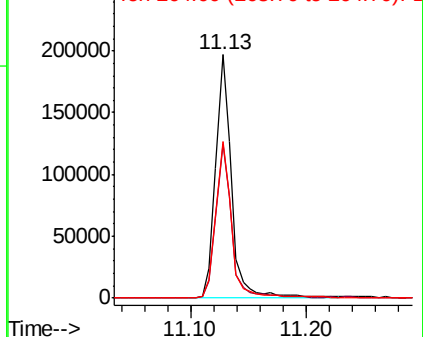
264 64.1 49.1 73.7

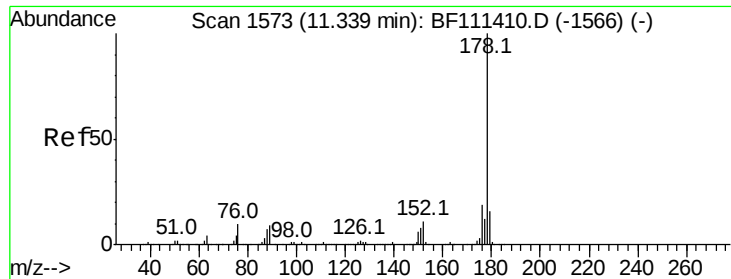


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.807 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

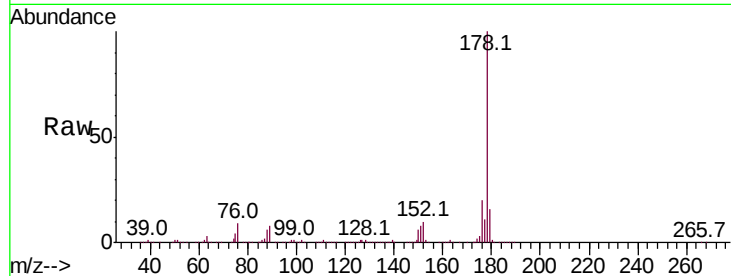
Tot Ion:178 Resp: 1422477

Ion Ratio Lower Upper

178 100

176 19.6 18.1 27.1

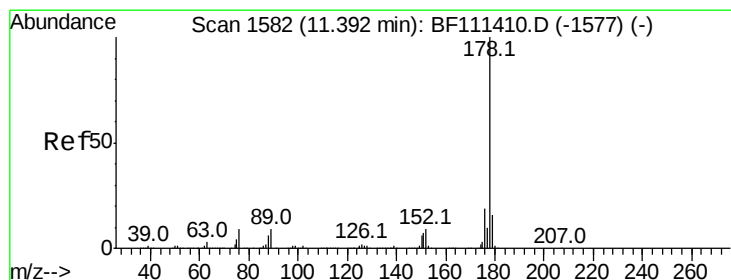
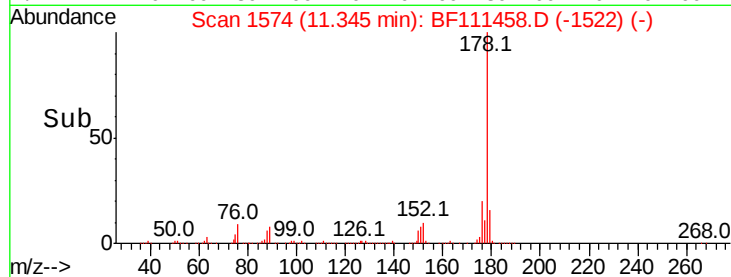
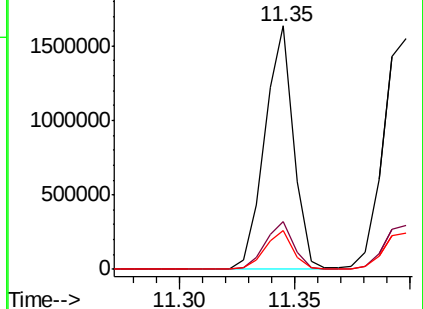
179 16.0 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.236 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

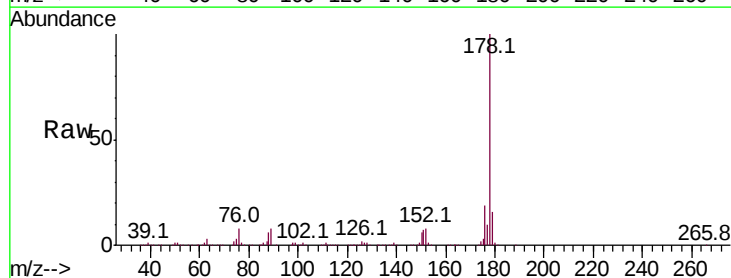
Tgt Ion:178 Resp: 1470035

Ion Ratio Lower Upper

178 100

176 19.0 17.2 25.8

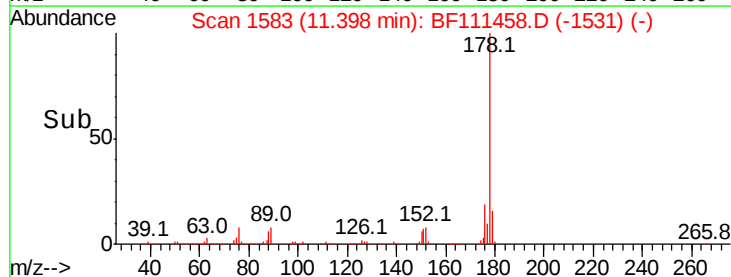
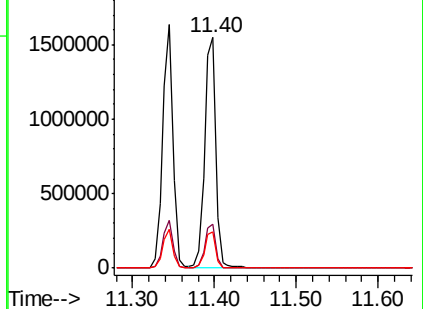
179 15.6 13.8 20.8

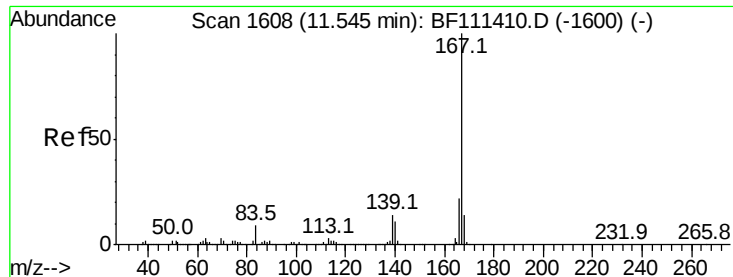


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



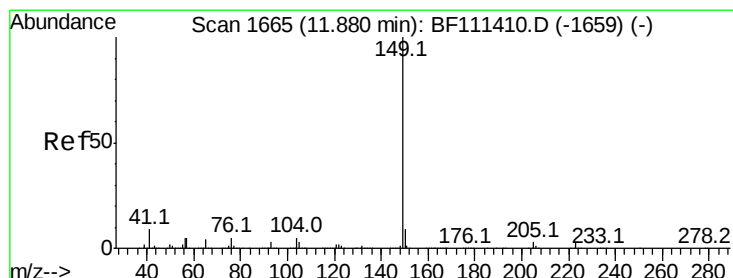
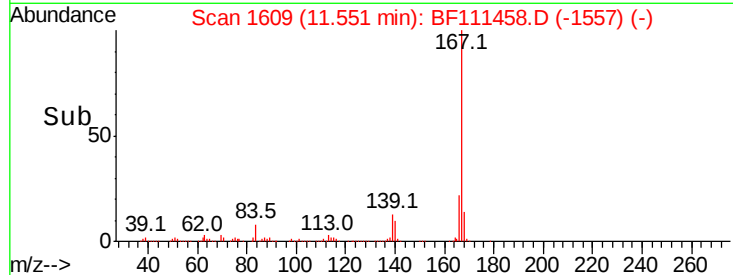
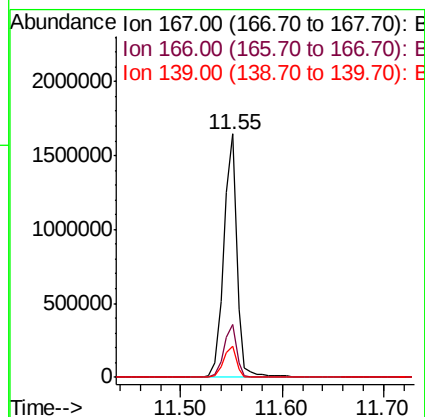
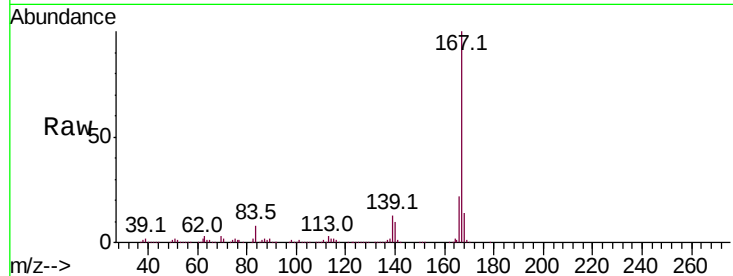


#73
 Carbazole
 Concen: 40.184 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111458.D
 Acq: 15 Dec 2018 10:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1481354

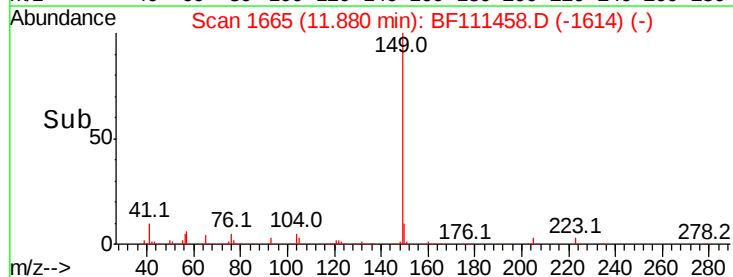
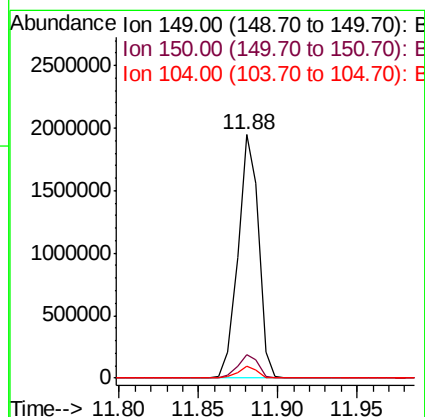
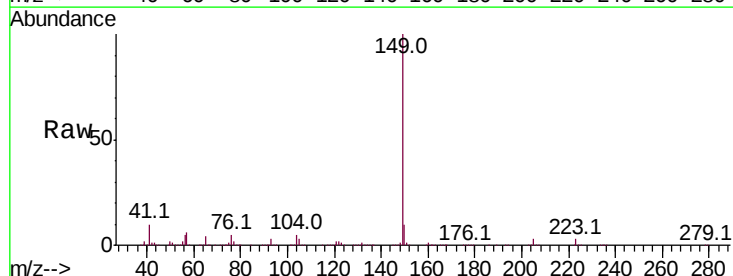
Ion	Ratio	Lower	Upper
167	100		
166	21.6	19.3	28.9
139	12.8	11.9	17.9

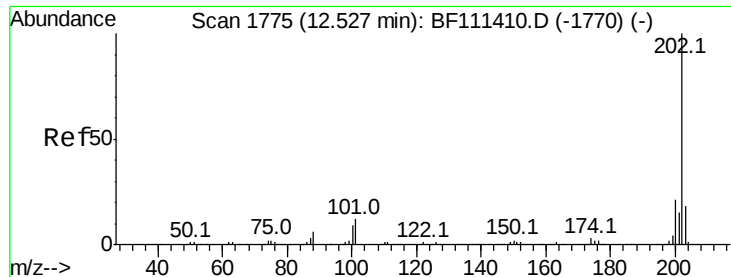


#74
 Di-n-butylphthalate
 Concen: 42.476 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF111458.D
 Acq: 15 Dec 2018 10:23

Tgt Ion:149 Resp: 1743907

Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.8	13.2
104	5.0	4.5	6.7

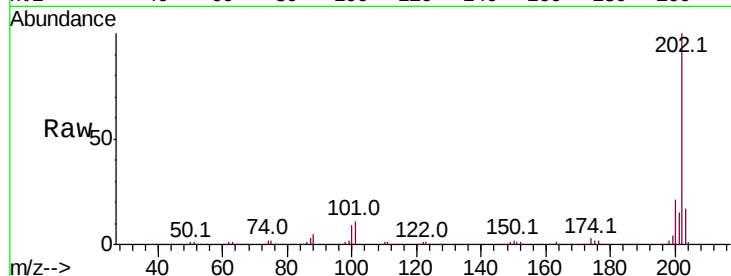




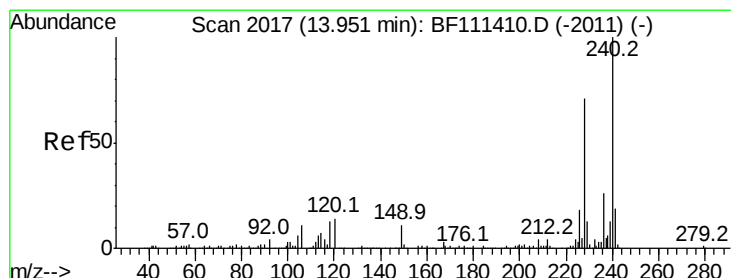
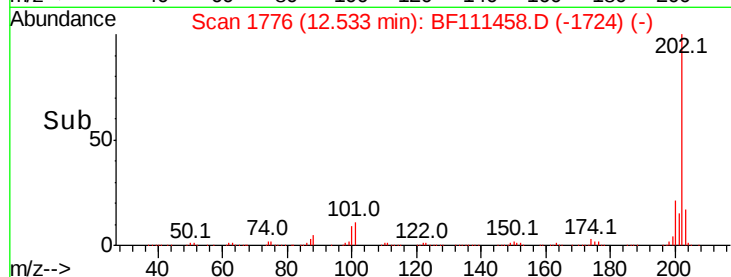
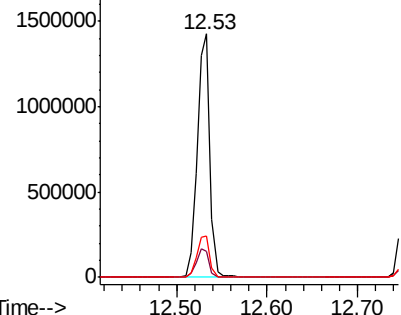
#75
 Fluoranthene
 Concen: 40.649 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. 0.01 min
 Lab File: BF111458.D
 Acq: 15 Dec 2018 10:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:202 Resp: 1386219
 Ion Ratio Lower Upper
 202 100
 101 10.9 0.0 33.8
 203 17.1 0.0 38.6

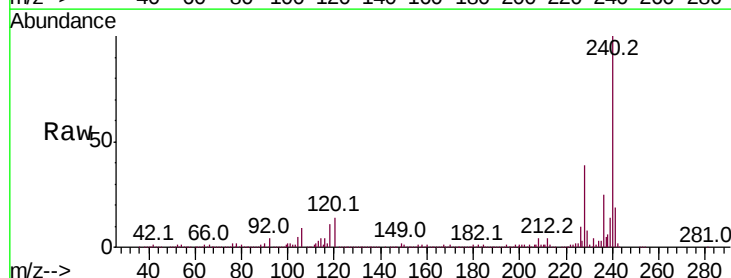


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

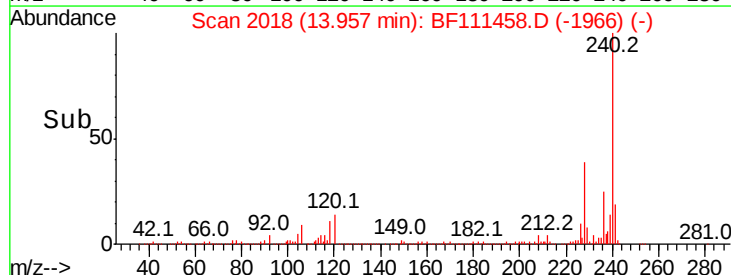
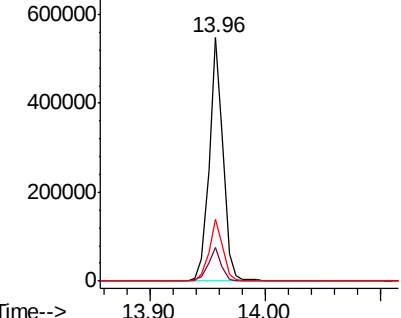


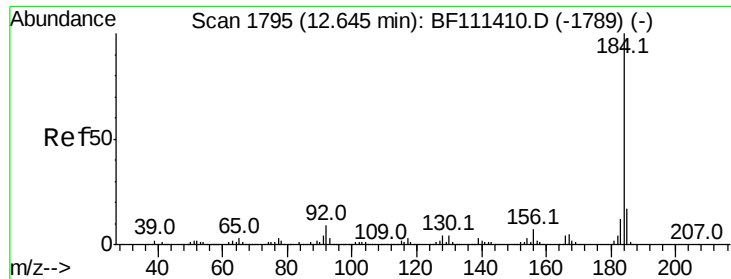
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF111458.D
 Acq: 15 Dec 2018 10:23

Tgt Ion:240 Resp: 452772
 Ion Ratio Lower Upper
 240 100
 120 13.6 12.2 18.2
 236 25.5 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: 41.599 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

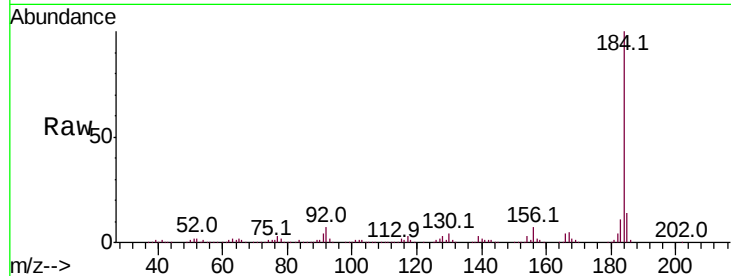
Tot Ion:184 Resp: 692366

Ion	Ratio	Lower	Upper
184	100		
185	14.3	13.0	19.6
183	10.9	9.3	13.9

184 100

185 14.3 13.0 19.6

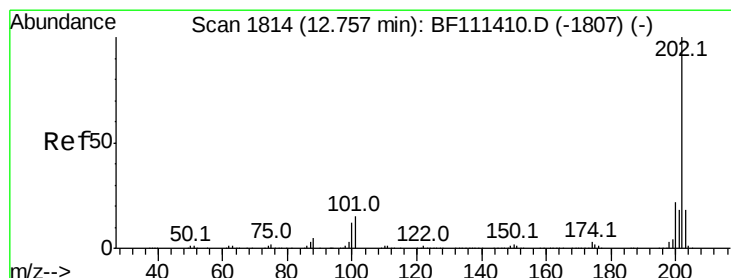
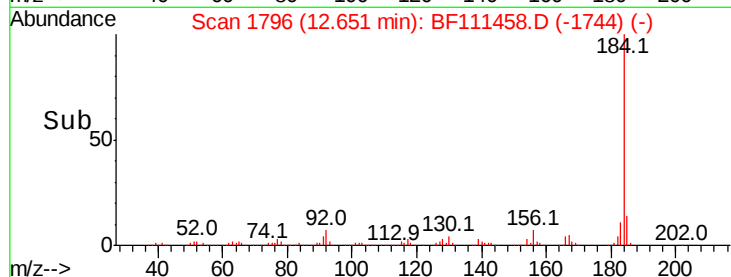
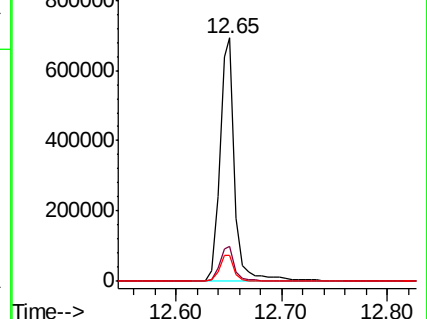
183 10.9 9.3 13.9



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: 45.036 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.00 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

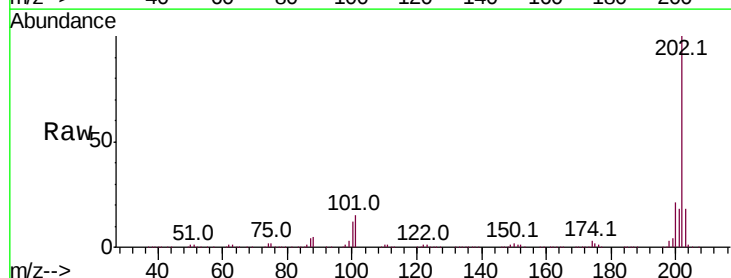
Tgt Ion:202 Resp: 1437627

Ion	Ratio	Lower	Upper
202	100		
200	20.9	19.0	28.4
203	17.6	15.2	22.8

202 100

200 20.9 19.0 28.4

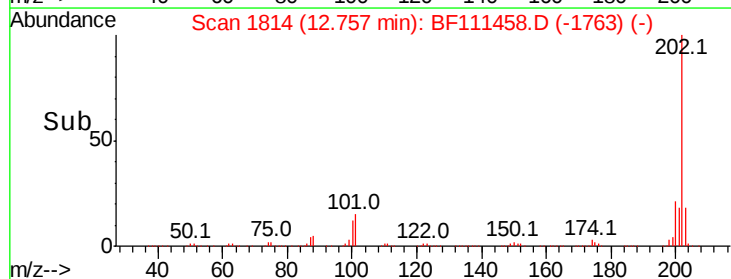
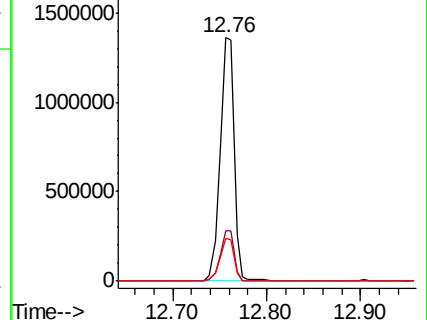
203 17.6 15.2 22.8

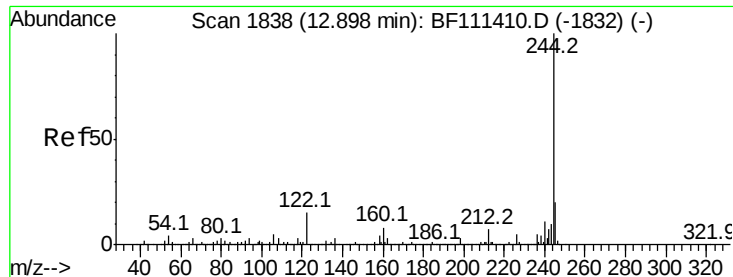


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.915 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

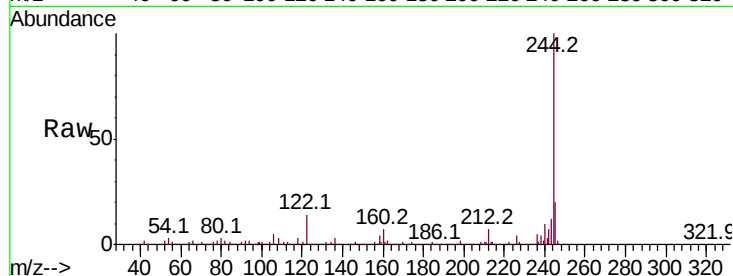
Tot Ion:244 Resp: 1733689

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

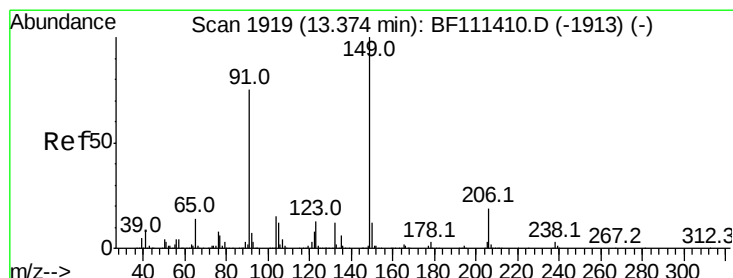
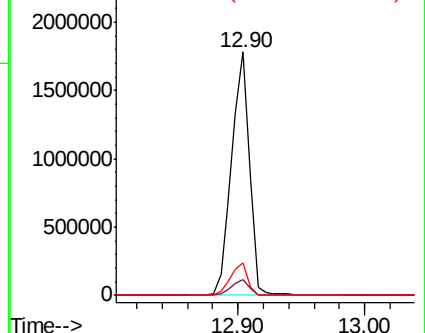
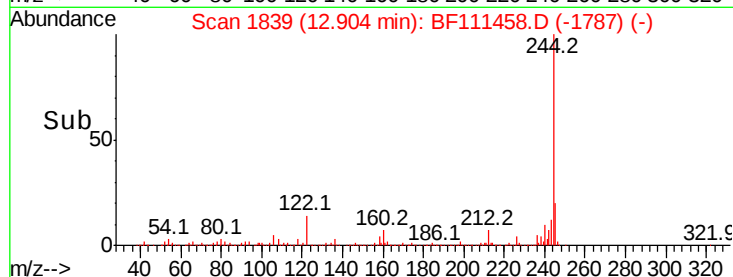
122 13.5 13.1 19.7



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: 43.937 ng

RT: 13.37 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

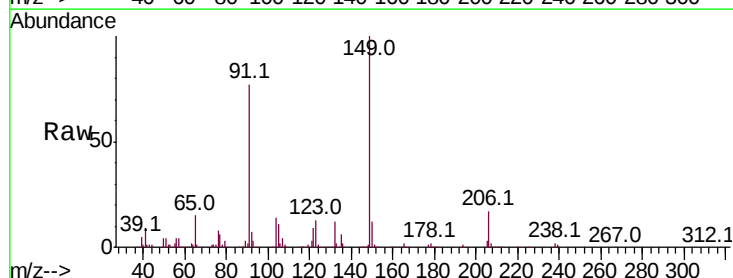
Tgt Ion:149 Resp: 683652

Ion Ratio Lower Upper

149 100

91 77.0 63.8 95.6

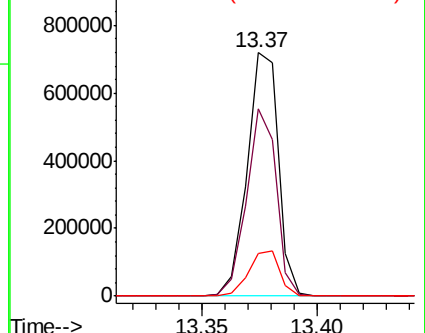
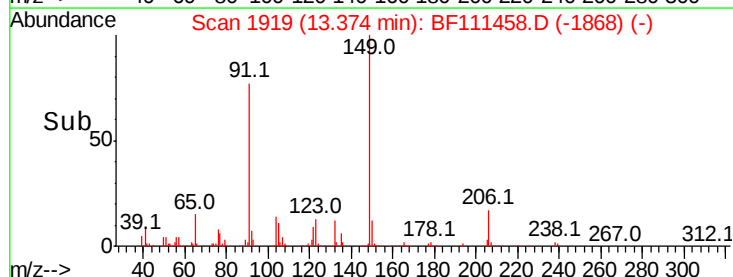
206 17.5 15.1 22.7

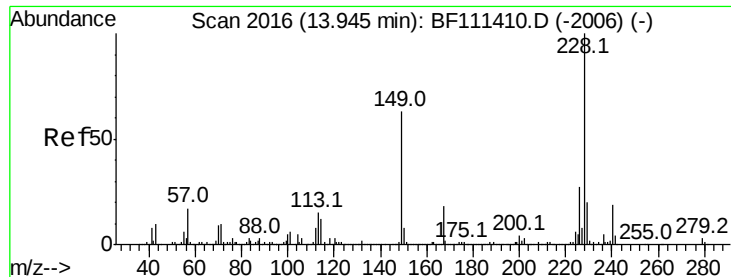


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.062 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

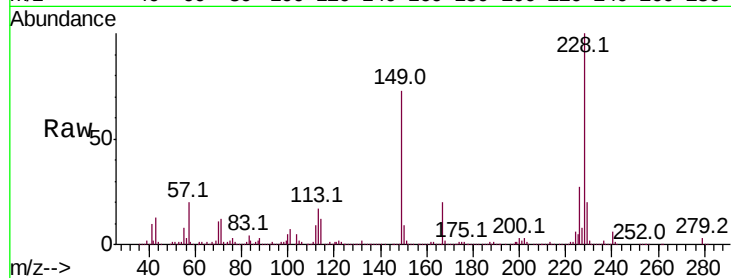
Tot Ion:228 Resp: 1010896

Ion Ratio Lower Upper

228 100

226 26.8 22.6 34.0

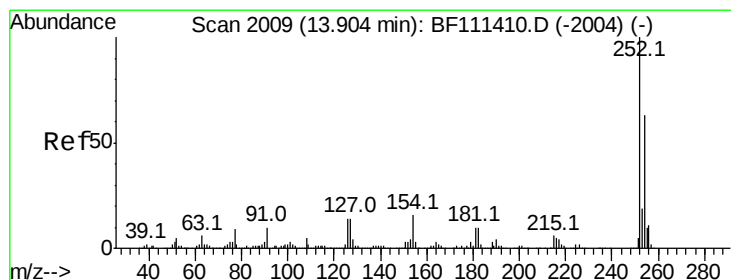
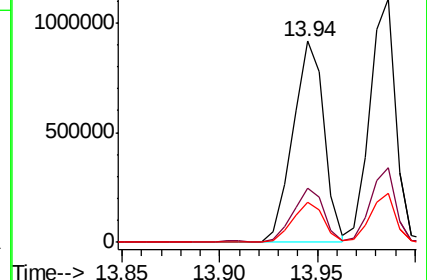
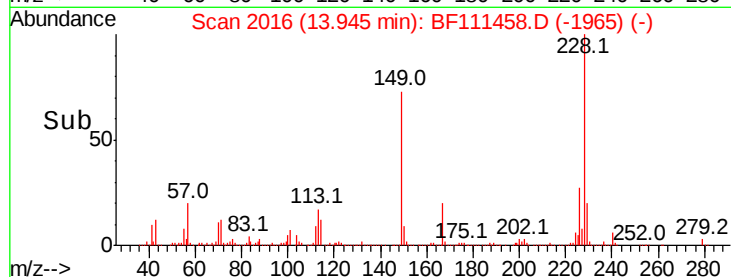
229 19.9 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.405 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

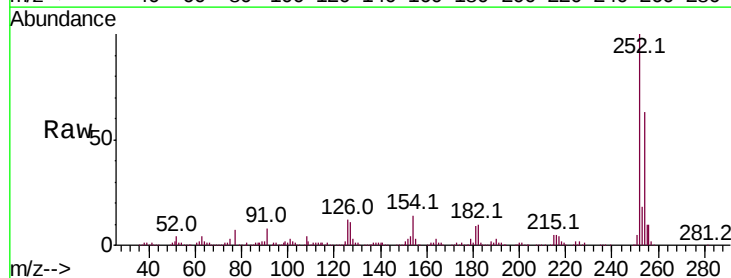
Tgt Ion:252 Resp: 394372

Ion Ratio Lower Upper

252 100

254 63.1 52.7 79.1

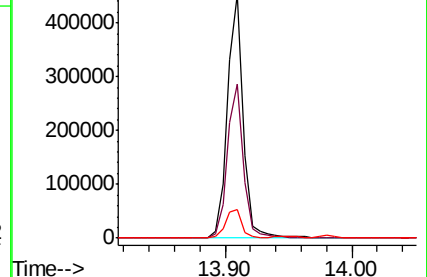
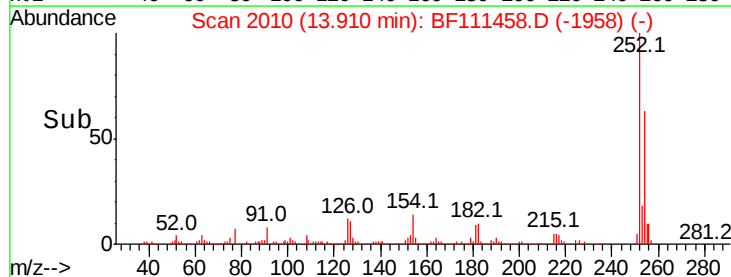
126 11.9 11.1 16.7

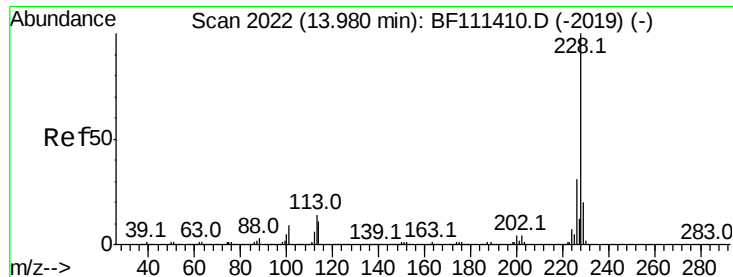


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 40.082 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

Instrument :

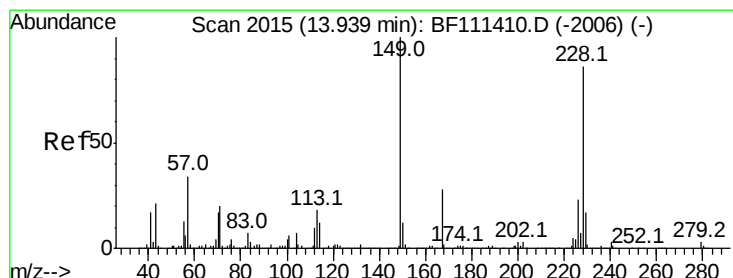
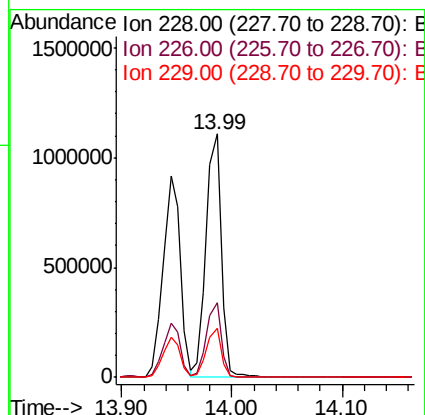
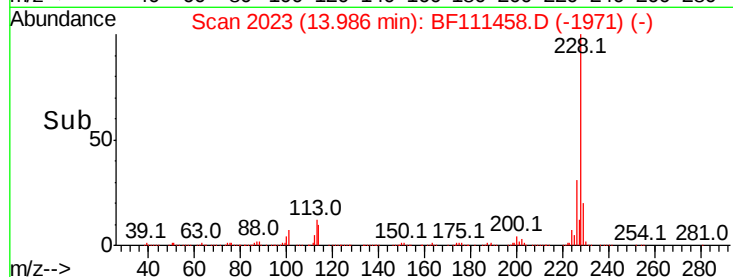
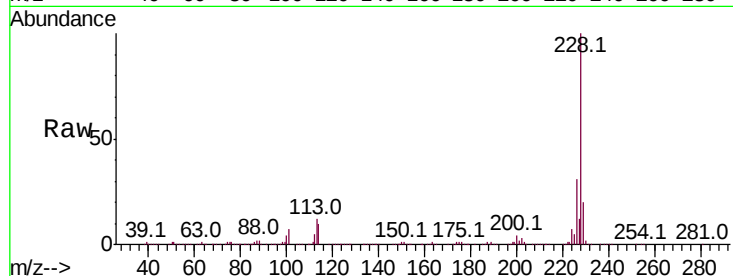
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1039515

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.3	37.9
229	20.2	17.2	25.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.563 ng

RT: 13.94 min Scan# 2015

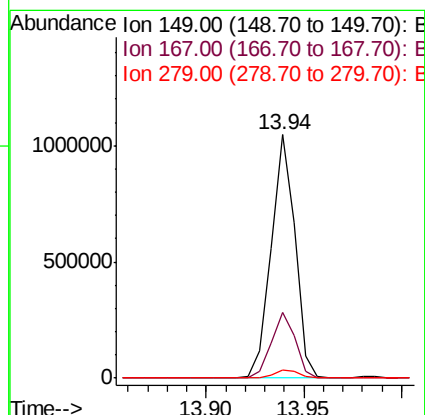
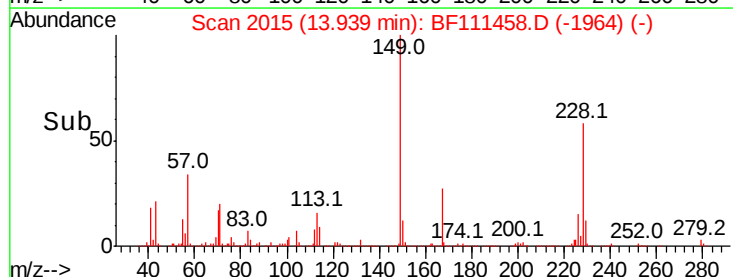
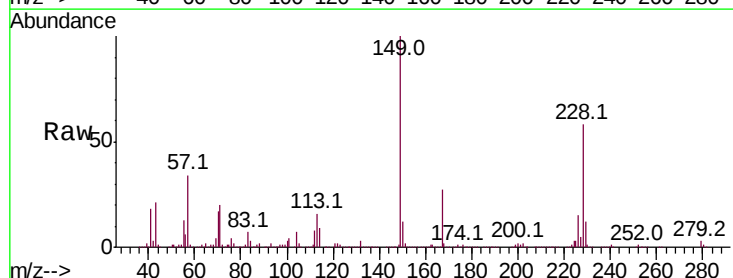
Delta R.T. 0.00 min

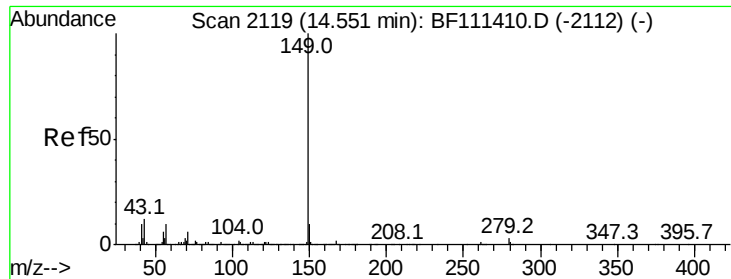
Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

Tgt Ion:149 Resp: 885624

Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.5	33.7
279	3.2	2.6	4.0

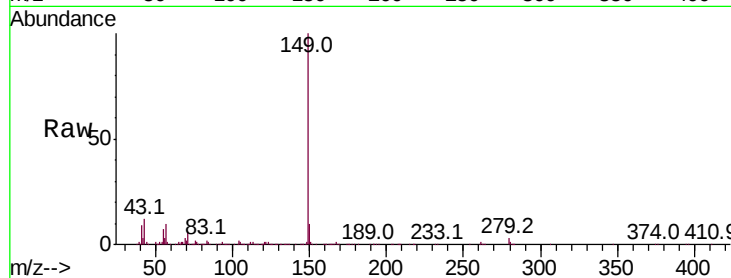




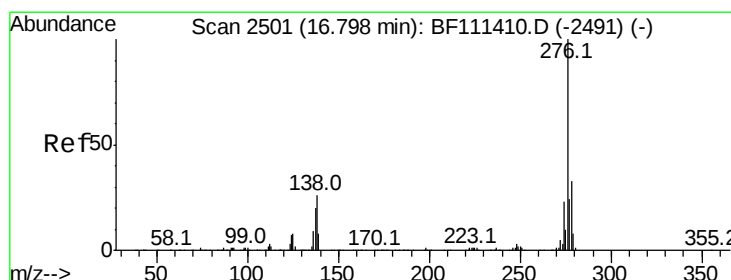
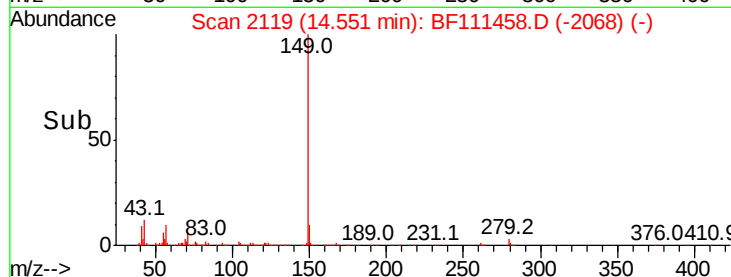
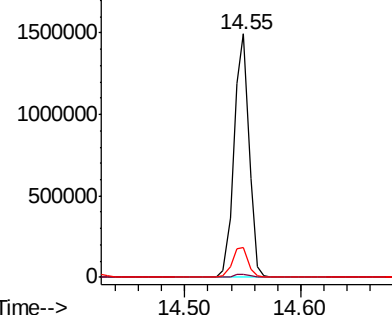
#85
Di-n-octyl phthalate
Concen: 39.932 ng
RT: 14.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1338624
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.0 10.9 16.3

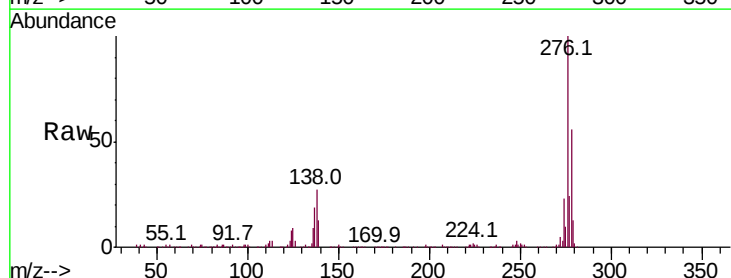


Abundance Ion 149.00 (148.70 to 149.70): E
2000000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

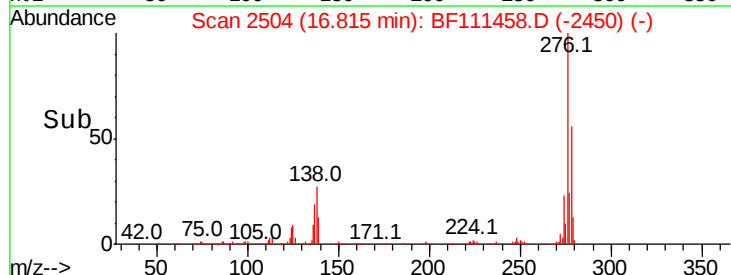
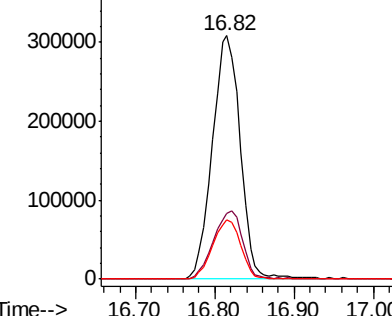


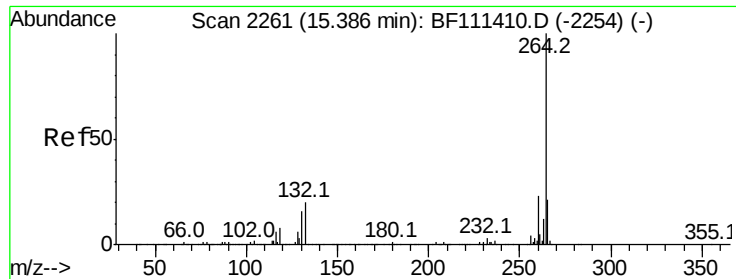
#86
Indeno(1,2,3-cd)pyrene
Concen: 40.252 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.02 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

Tgt Ion:276 Resp: 753420
Ion Ratio Lower Upper
276 100
138 29.4 27.8 41.6
277 24.5 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
400000 Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



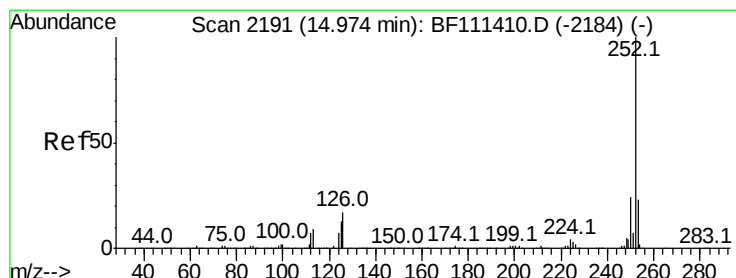
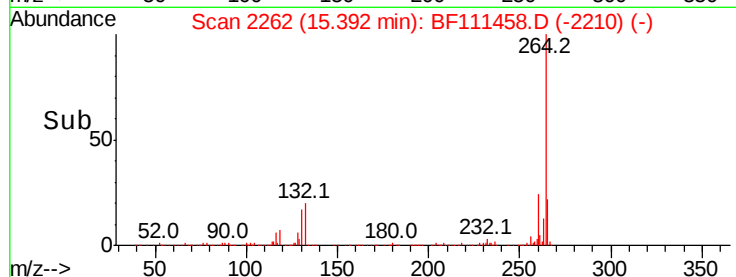
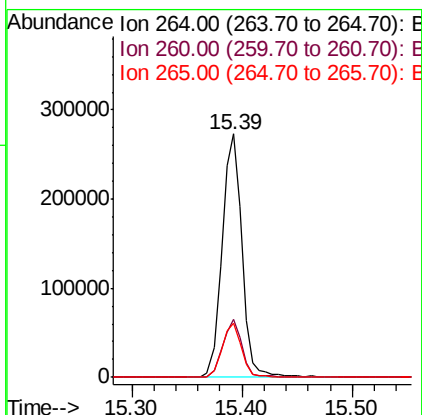
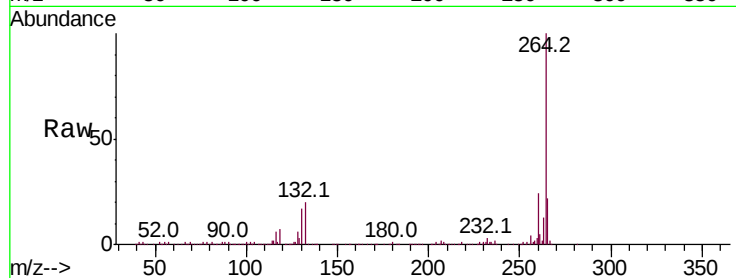


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 344213

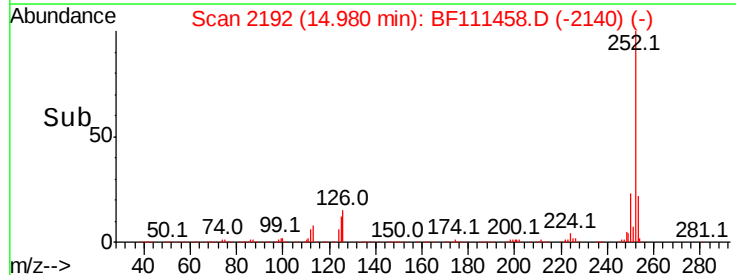
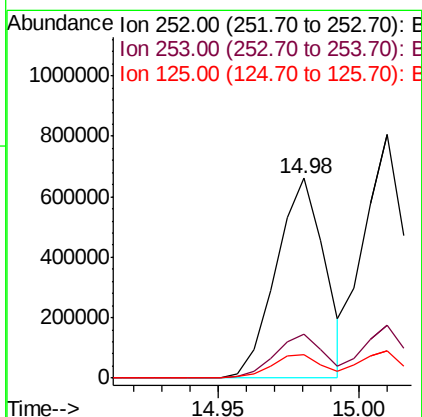
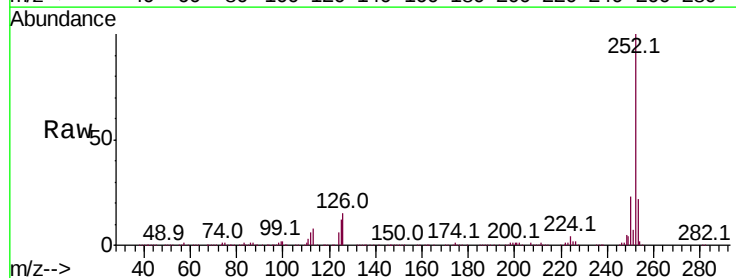
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	22.4	17.7	26.5

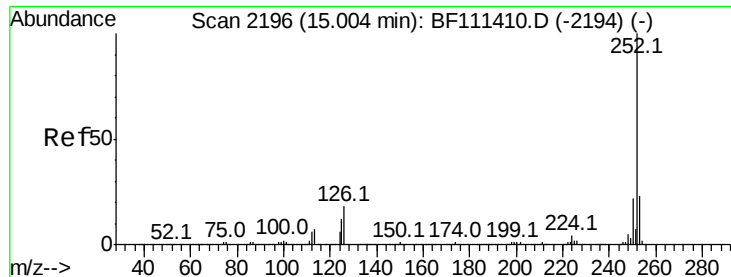


#88
Benzo(b)fluoranthene
Concen: 39.488 ng
RT: 14.98 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

Tgt Ion:252 Resp: 792443

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	11.8	10.4	15.6

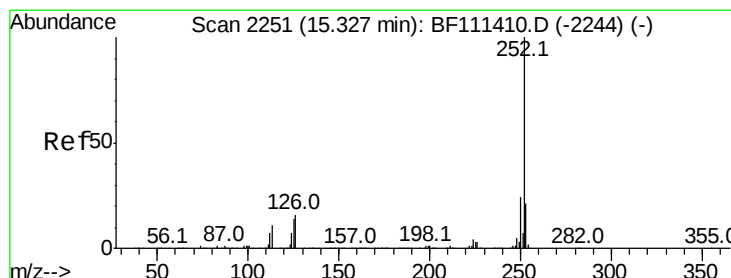
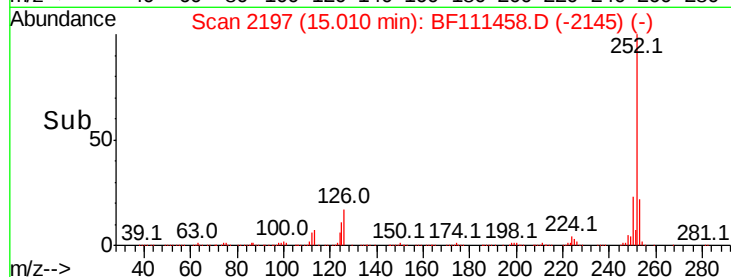
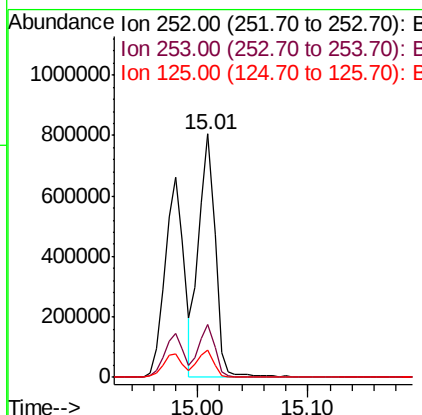
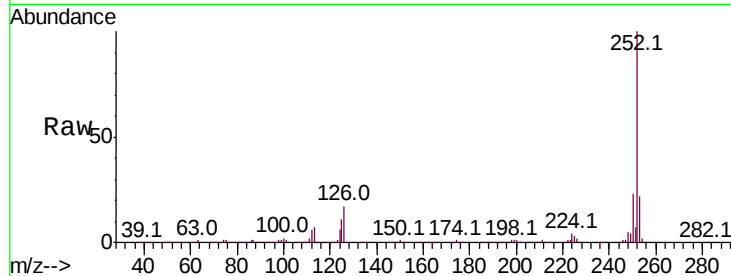




#89
Benzo(k)fluoranthene
Concen: 42.411 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

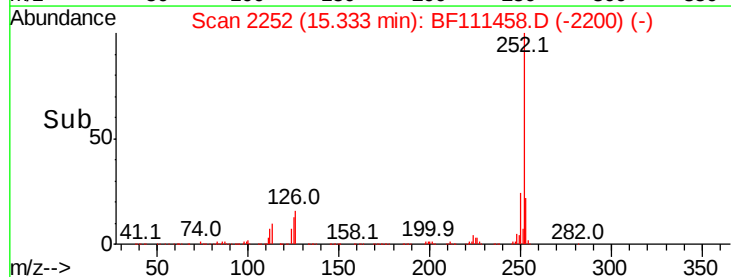
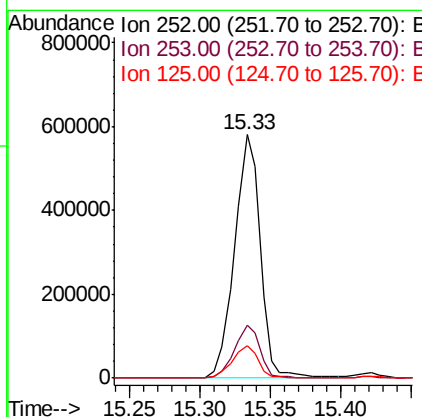
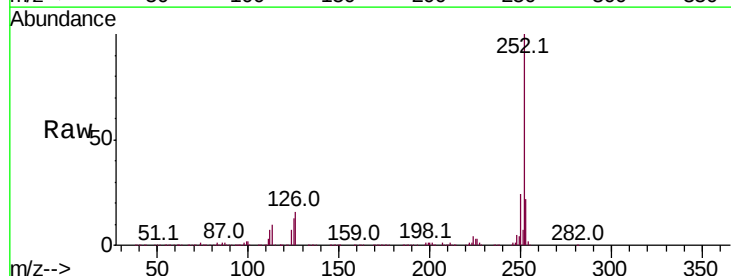
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

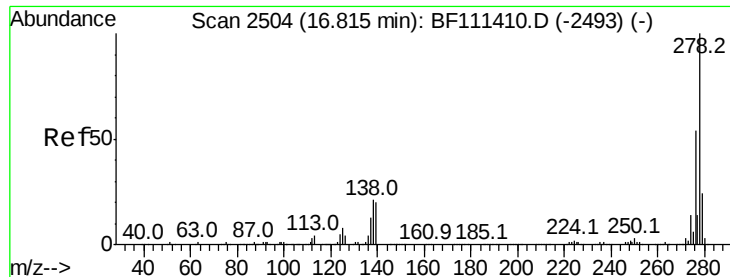
Tot Ion:252 Resp: 813240
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 11.2 9.8 14.8



#90
Benzo(a)pyrene
Concen: 40.651 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111458.D
Acq: 15 Dec 2018 10:23

Tgt Ion:252 Resp: 735655
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 13.2 12.3 18.5





#91

Dibenzo(a,h)anthracene

Concen: 44.387 ng

RT: 16.83 min Scan# 2506

Delta R.T. 0.01 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

Instrument :

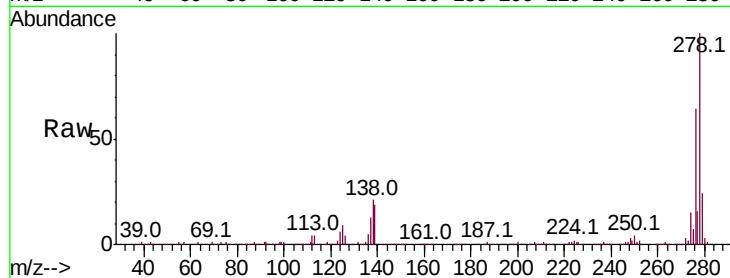
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 633640

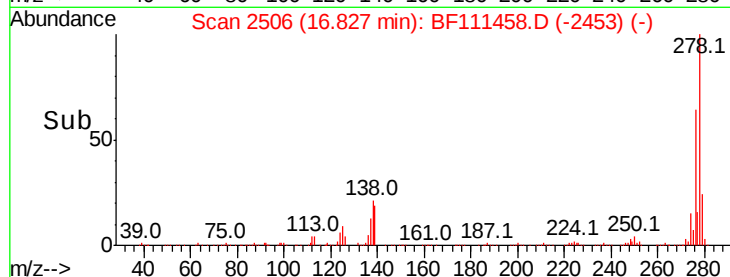
Ion	Ratio	Lower	Upper
278	100		
139	18.9	18.2	27.4
279	23.7	19.0	28.6



Abundance Ion 278.00 (277.70 to 278.70): E

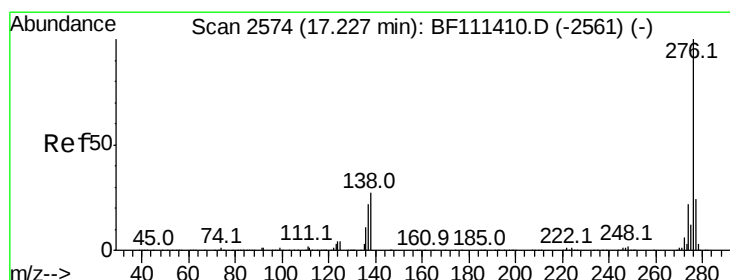
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



16.83

Time-->



#92

Benzo(g,h,i)perylene

Concen: 44.422 ng

RT: 17.24 min Scan# 2577

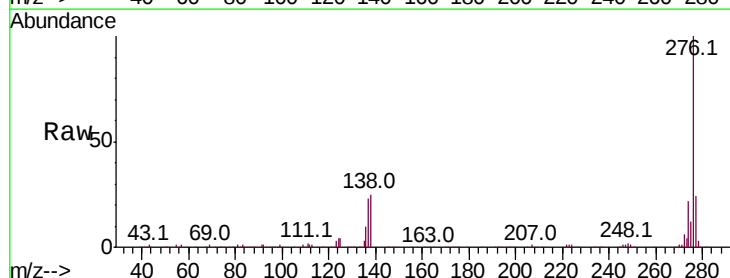
Delta R.T. 0.02 min

Lab File: BF111458.D

Acq: 15 Dec 2018 10:23

Tgt Ion:276 Resp: 622463

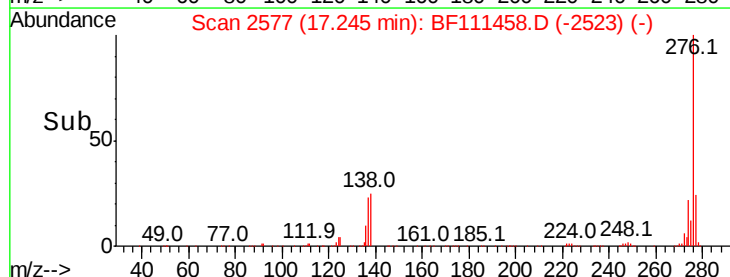
Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	25.2	24.9	37.3



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



17.24

Time-->