

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
 Data File : BF112227.D
 Acq On : 25 Jan 2019 12:25
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 25 15:26:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 25 15:22:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	184007	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	790773	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	389190	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	584576	20.00	ng	0.00
76) Chrysene-d12	14.02	240	605643	20.00	ng	0.00
87) Perylene-d12	15.47	264	513919	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	789966	77.92	ng	0.00
7) Phenol-d6	6.50	99	881885	69.53	ng	0.00
23) Nitrobenzene-d5	7.42	82	1078088	94.19	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	343145	81.73	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2134326	80.40	ng	0.00
79) Terphenyl-d14	12.95	244	2391946	84.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	151149	31.79	ng	94
3) Pyridine	3.38	79	366608	30.79	ng	98
4) n-Nitrosodimethylamine	3.32	42	156832	32.44	ng	# 90
6) Aniline	6.51	93	528904	34.28	ng	# 57
8) 2-Chlorophenol	6.64	128	467105	39.67	ng	98
9) Benzaldehyde	6.40	77	221359	30.83	ng	98
10) Phenol	6.51	94	490030	35.35	ng	95
11) bis(2-Chloroethyl)ether	6.58	93	397987	36.11	ng	99
12) 1,3-Dichlorobenzene	6.79	146	532286	39.61	ng	99
13) 1,4-Dichlorobenzene	6.86	146	566640	41.23	ng	96
14) 1,2-Dichlorobenzene	7.02	146	560345	44.26	ng	98
15) Benzyl Alcohol	6.99	79	436992	46.24	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	591812	37.23	ng	80
17) 2-Methylphenol	7.11	107	403492	45.63	ng	95
18) Hexachloroethane	7.36	117	216765	47.25	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	365596	47.31	ng	97
20) 3+4-Methylphenols	7.26	107	518164	48.33	ng	90
22) Acetophenone	7.26	105	749288	40.90	ng	98
24) Nitrobenzene	7.43	77	540017	44.52	ng	94
25) Isophorone	7.67	82	866111	39.18	ng	99
26) 2-Nitrophenol	7.75	139	303018	52.91	ng	92
27) 2,4-Dimethylphenol	7.79	122	407211	39.68	ng	92
28) bis(2-Chloroethoxy)methane	7.87	93	590351	38.93	ng	99
29) 2,4-Dichlorophenol	8.00	162	460593	41.09	ng	100
30) 1,2,4-Trichlorobenzene	8.07	180	518984	39.89	ng	99
31) Naphthalene	8.15	128	1454996	40.45	ng	99
32) Benzoic acid	7.93	122	238020	56.38	ng	100
33) 4-Chloroaniline	8.20	127	639944	39.59	ng	97
34) Hexachlorobutadiene	8.27	225	299956	41.43	ng	99
35) Caprolactam	8.58	113	159231	40.58	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	473877	43.28	ng	96
37) 2-Methylnaphthalene	8.85	142	988184	40.46	ng	96
38) 1-Methylnaphthalene	8.95	142	946761	40.34	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	512955	41.04	ng	99

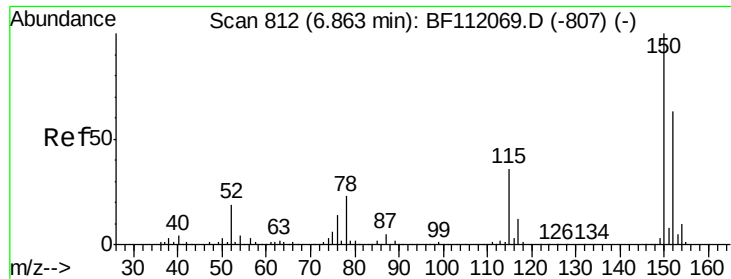
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	160374	39.16	nq	97
43) 2,4,6-Trichlorophenol	9.13	196	326405	43.66	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	336951	42.32	nq	96
46) 1,1'-Biphenyl	9.31	154	1344273	41.31	nq	98
47) 2-Chloronaphthalene	9.33	162	1050848	41.25	nq	96
48) 2-Nitroaniline	9.43	65	291506	50.80	nq	88
49) Acenaphthylene	9.75	152	1527611	41.09	nq	99
50) Dimethylphthalate	9.60	163	1199416	42.26	nq	100
51) 2,6-Dinitrotoluene	9.67	165	270132	47.66	nq	# 82
52) Acenaphthene	9.92	154	908642	39.95	nq	99
53) 3-Nitroaniline	9.85	138	298627	47.11	nq	# 98
54) 2,4-Dinitrophenol	9.96	184	91864	76.04	nq	95
55) Dibenzofuran	10.09	168	1365235	39.69	nq	95
56) 4-Nitrophenol	10.02	139	162464	41.24	nq	95
57) 2,4-Dinitrotoluene	10.08	165	342486	50.71	nq	92
58) Fluorene	10.43	166	992731	38.63	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	255455	42.51	nq	97
60) Diethylphthalate	10.30	149	1123335	40.55	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	532552	38.40	nq	# 90
62) 4-Nitroaniline	10.46	138	259569	41.24	nq	94
63) Azobenzene	10.59	77	954424	35.97	nq	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	154402	74.49	nq	89
66) n-Nitrosodiphenylamine	10.55	169	878700	45.47	nq	99
67) 4-Bromophenyl-phenylether	10.91	248	278354	40.99	nq	91
68) Hexachlorobenzene	10.99	284	295197	40.36	nq	97
69) Atrazine	11.07	200	254699	40.84	nq	98
70) Pentachlorophenol	11.19	266	123109	40.70	nq	98
71) Phenanthrene	11.40	178	1201791	40.85	nq	99
72) Anthracene	11.45	178	1227882	41.20	nq	99
73) Carbazole	11.60	167	1215572	40.72	nq	98
74) Di-n-butylphthalate	11.93	149	1857873	55.32	nq	99
75) Fluoranthene	12.59	202	1603827	51.63	nq	99
77) Benzidine	12.70	184	746249	36.93	nq	100
78) Pyrene	12.82	202	1650518	41.31	nq	99
80) Butylbenzylphthalate	13.42	149	799124	45.59	nq	97
81) Benzo(a)anthracene	14.00	228	1429054	41.15	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	532915	40.98	nq	98
83) Chrysene	14.04	228	1334265	40.61	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1131073	45.02	nq	# 98
85) Di-n-octyl phthalate	14.59	149	1740924	44.98	nq	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	1001125	33.02	nq	97
88) Benzo(b)fluoranthene	15.05	252	1214087	41.62	nq	99
89) Benzo(k)fluoranthene	15.08	252	1196208	42.37	nq	100
90) Benzo(a)pyrene	15.42	252	1082447	40.46	nq	99
91) Dibenzo(a,h)anthracene	16.97	278	848585	35.71	nq	98
92) Benzo(g,h,i)perylene	17.40	276	790929	33.79	nq	98

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

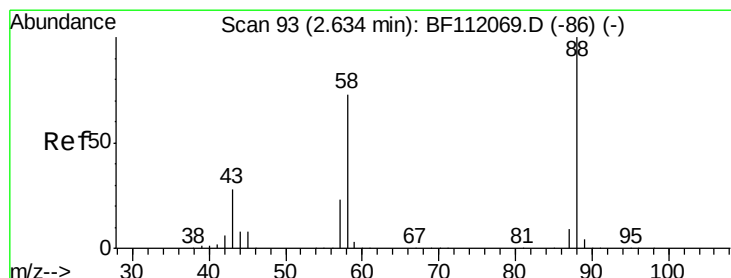
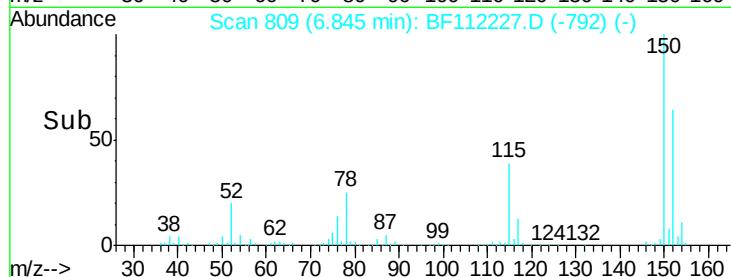
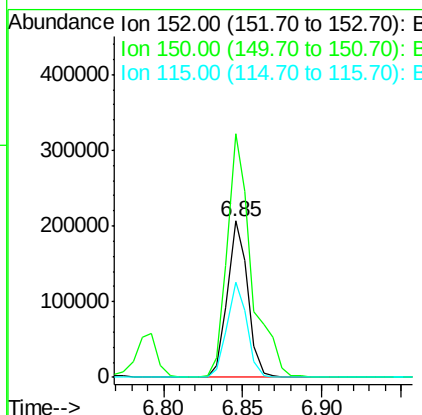
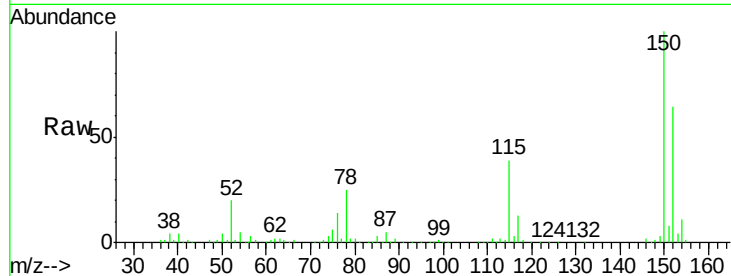


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

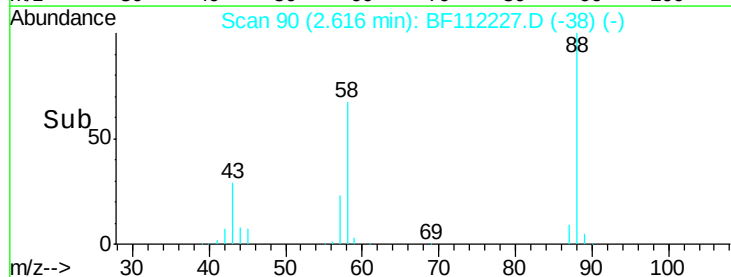
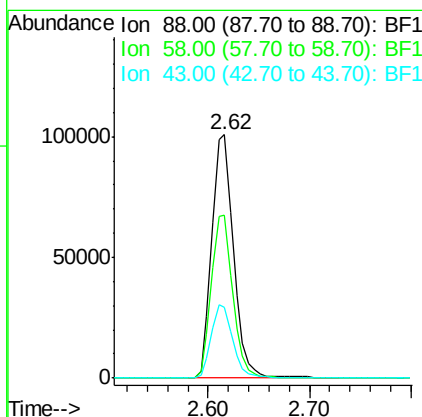
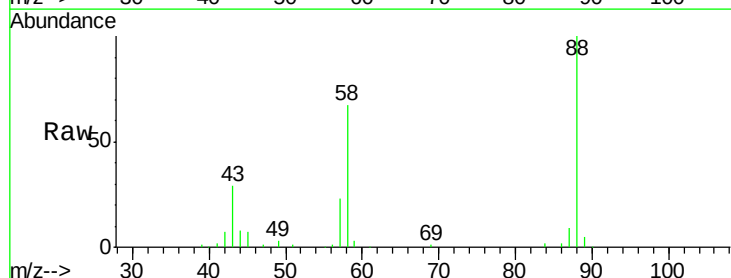
Tot Ion:152 Resp: 184007
Ion Ratio Lower Upper
152 100
150 155.6 127.4 191.0
115 60.5 45.5 68.3

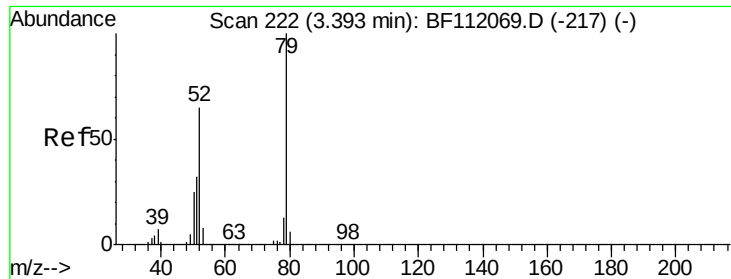


#2

1,4-Dioxane
Concen: 31.79 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.01 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Tgt Ion: 88 Resp: 151149
Ion Ratio Lower Upper
88 100
58 65.8 57.4 86.2
43 29.5 22.2 33.4

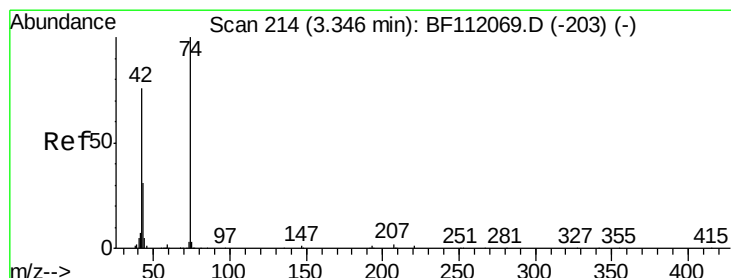
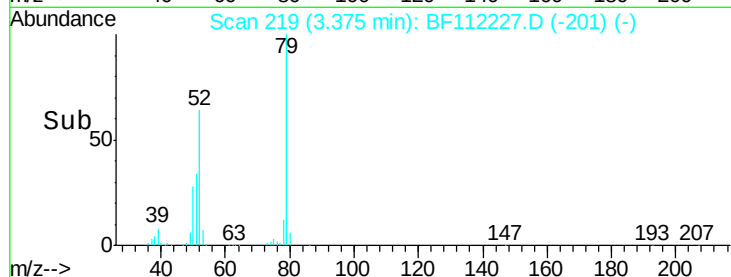
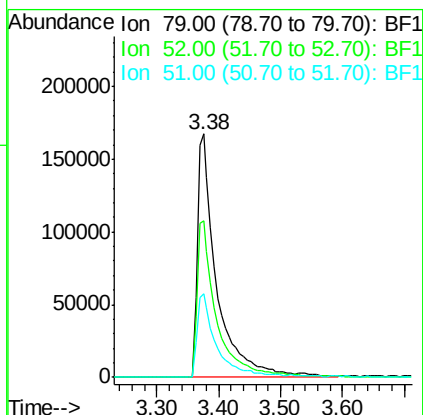
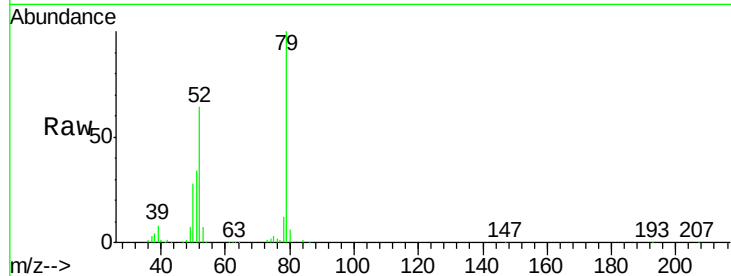




#3
 Pvridine
 Concen: 30.79 ng
 RT: 3.38 min Scan# 219
 Delta R.T. 0.01 min
 Lab File: BF112227.D
 Acq: 25 Jan 2019 12:25

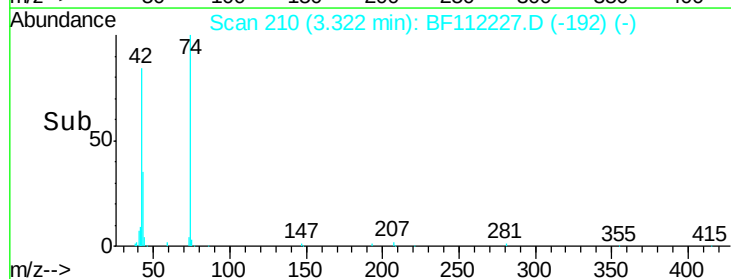
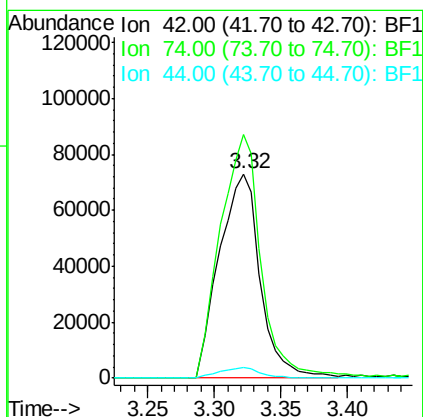
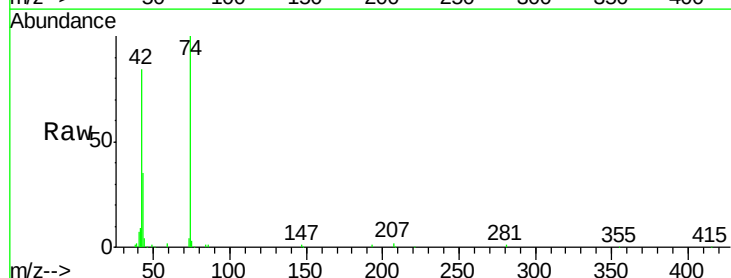
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

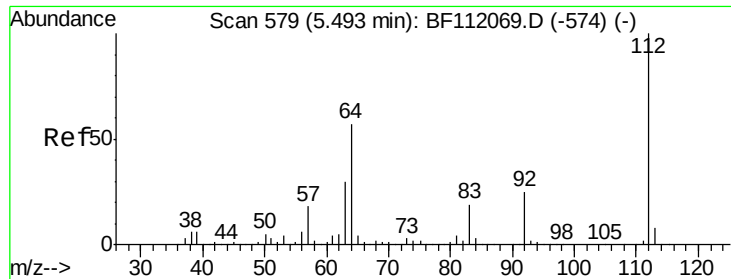
Tot Ion: 79 Resp: 366608
 Ion Ratio Lower Upper
 79 100
 52 64.3 52.4 78.6
 51 34.5 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 32.44 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.01 min
 Lab File: BF112227.D
 Acq: 25 Jan 2019 12:25

Tgt Ion: 42 Resp: 156832
 Ion Ratio Lower Upper
 42 100
 74 119.3 105.6 158.4
 44 5.2 5.4 8.2#





#5

2-Fluorophenol

Concen: 77.92 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

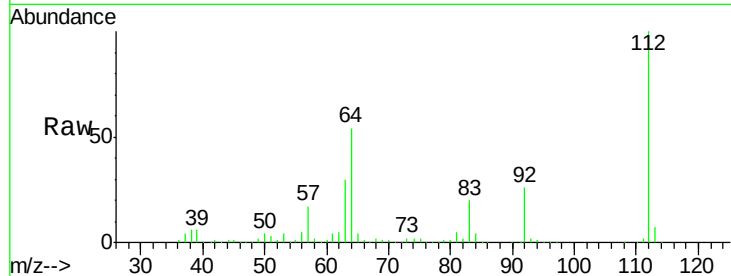
Tot Ion:112 Resp: 789966

Ion Ratio Lower Upper

112 100

64 54.0 45.7 68.5

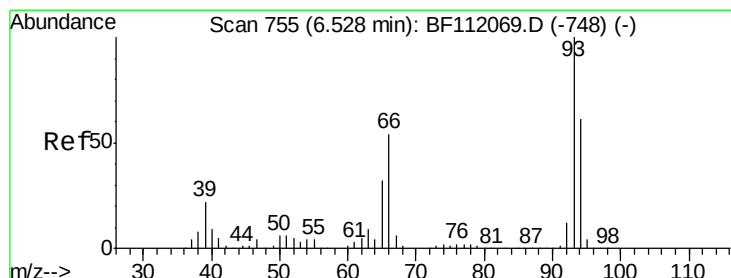
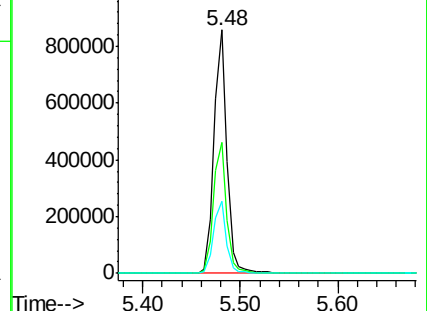
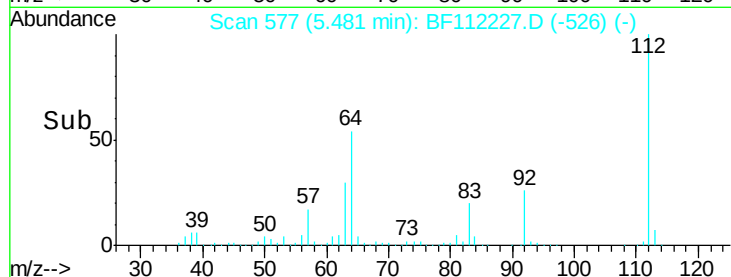
63 29.8 23.6 35.4



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: 34.28 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

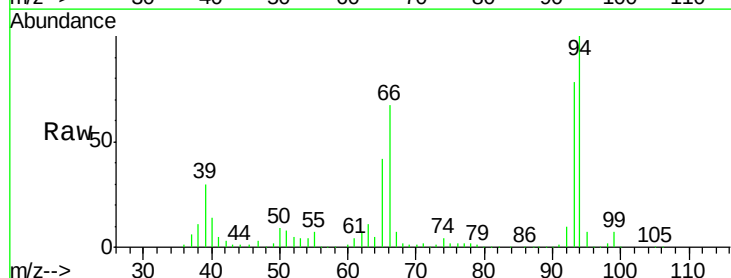
Tgt Ion: 93 Resp: 528904

Ion Ratio Lower Upper

93 100

66 86.4 43.4 65.2#

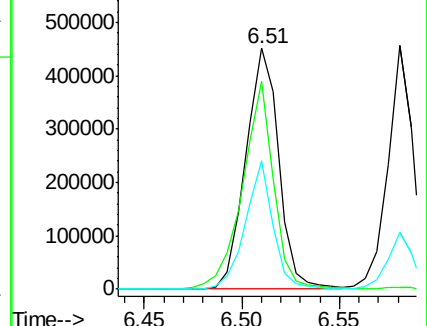
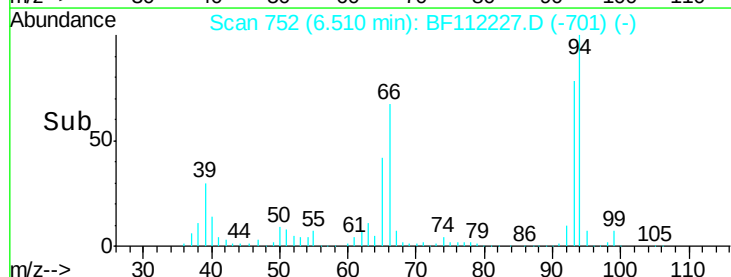
65 53.6 25.3 37.9#

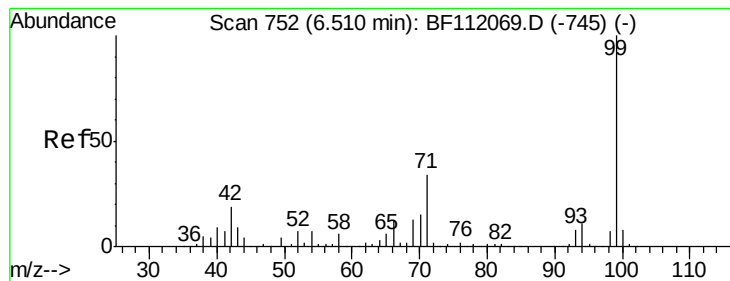


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 69.53 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

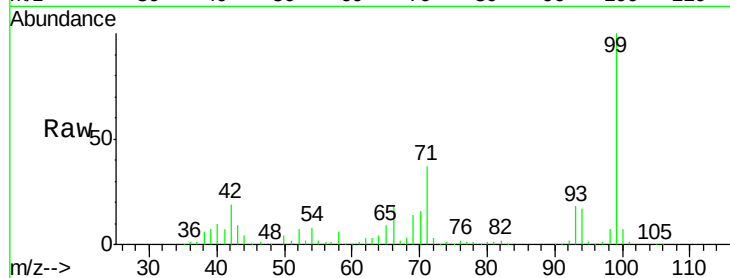
Tot Ion: 99 Resp: 881885

Ion Ratio Lower Upper

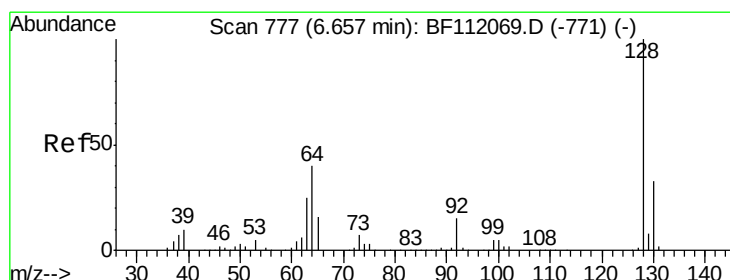
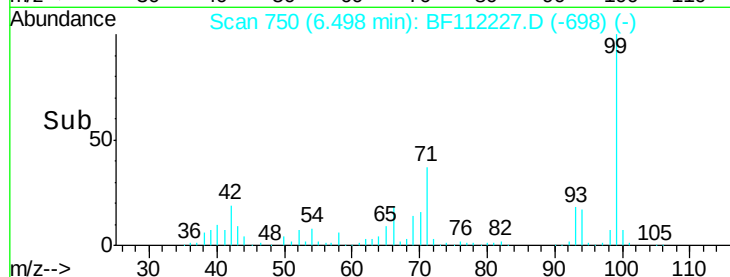
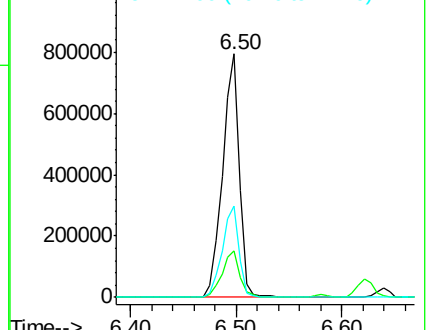
99 100

42 18.9 15.1 22.7

71 37.2 26.9 40.3



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: 39.67 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

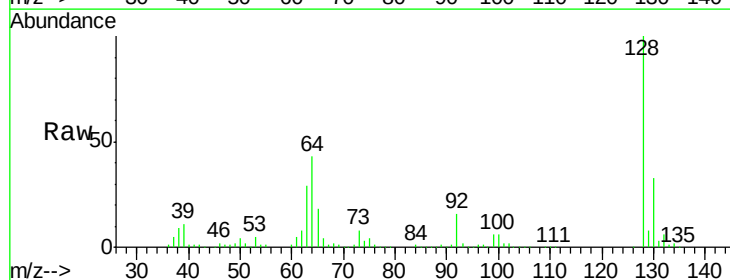
Tgt Ion: 128 Resp: 467105

Ion Ratio Lower Upper

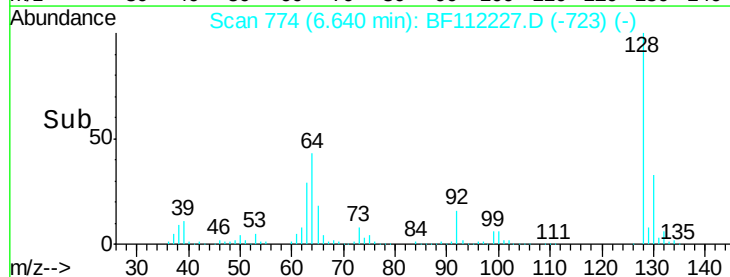
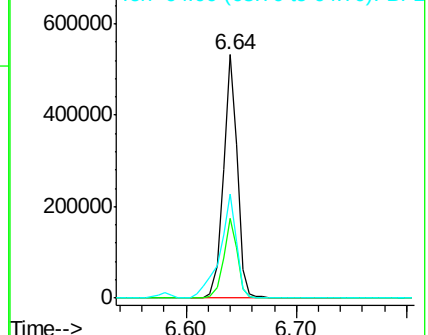
128 100

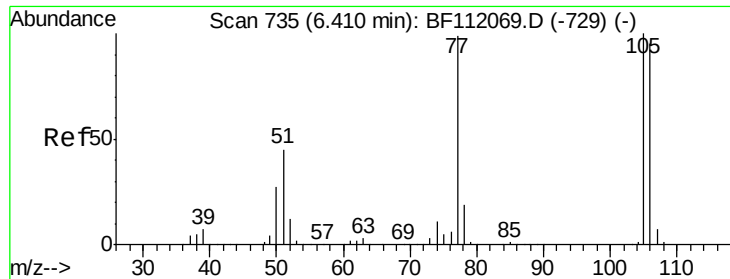
130 32.9 13.4 53.4

64 42.7 20.5 60.5



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

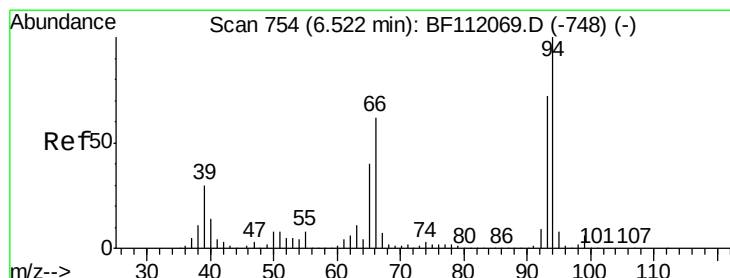
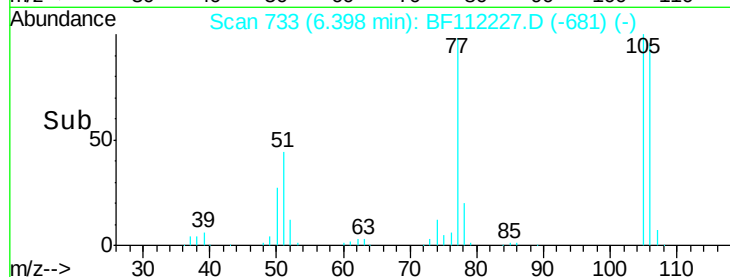
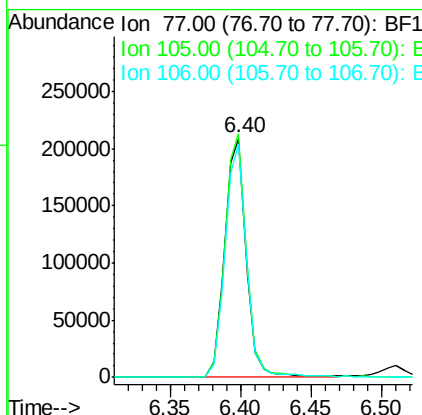
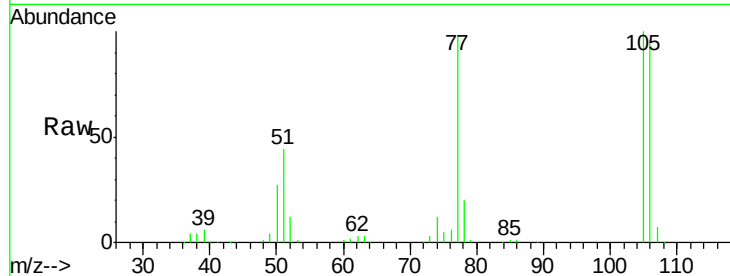




#9
Benzaldehyde
Concen: 30.83 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

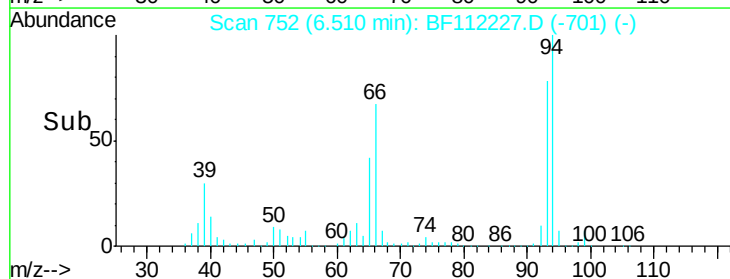
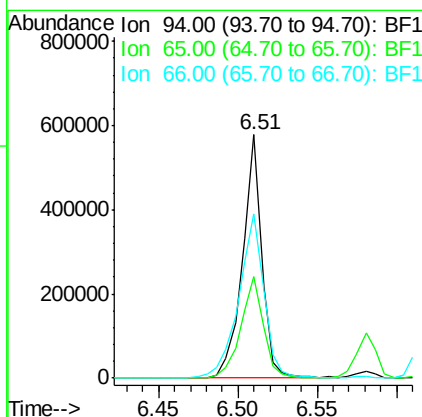
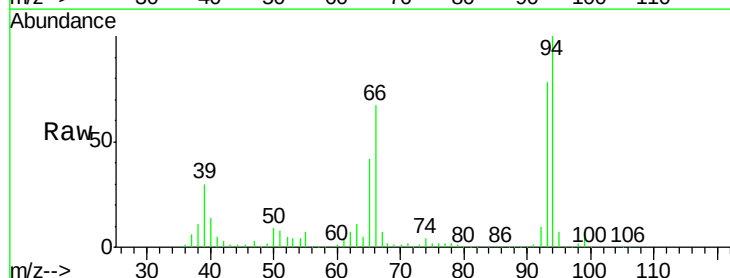
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

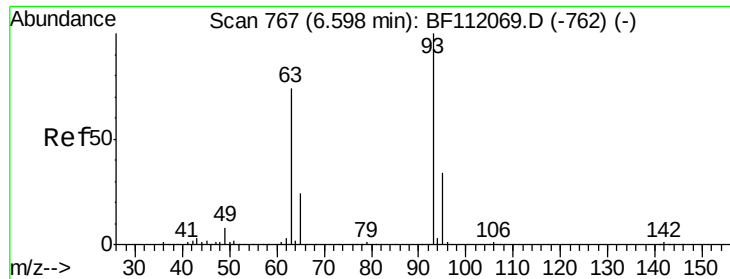
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Ion Ratio Lower Upper
77 100
105 101.9 80.8 120.8
106 97.9 75.7 115.7



#10
Phenol
Concen: 35.35 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Tgt Ion: 94 Resp: 490030
Ion Ratio Lower Upper
94 100
65 41.8 20.3 60.3
66 67.4 42.4 82.4

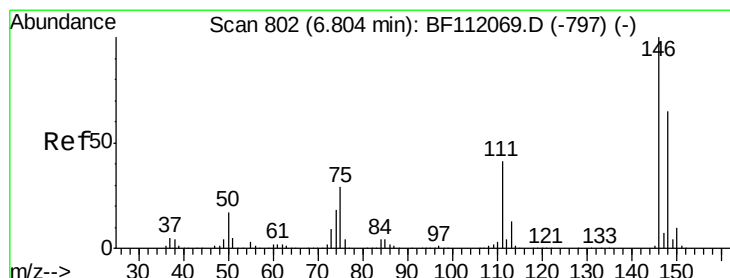
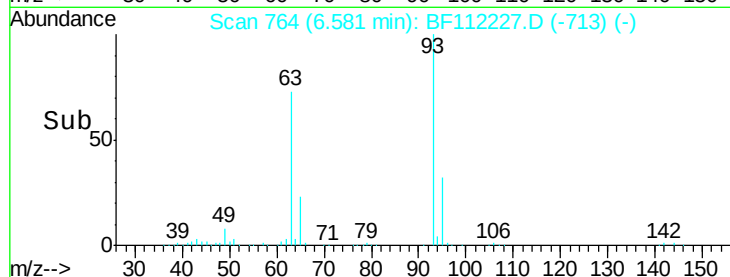
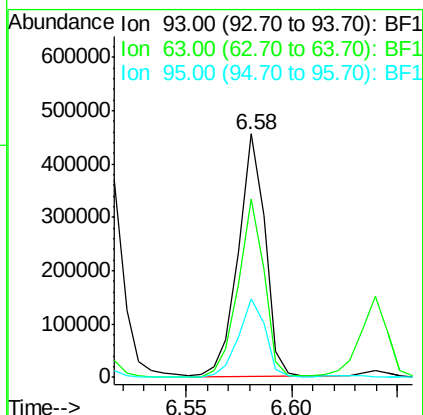
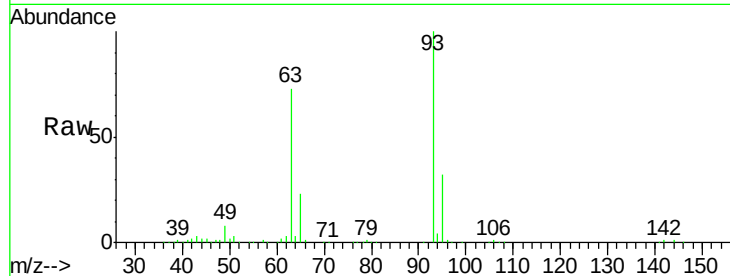




#11
bis(2-Chloroethyl)ether
Concen: 36.11 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

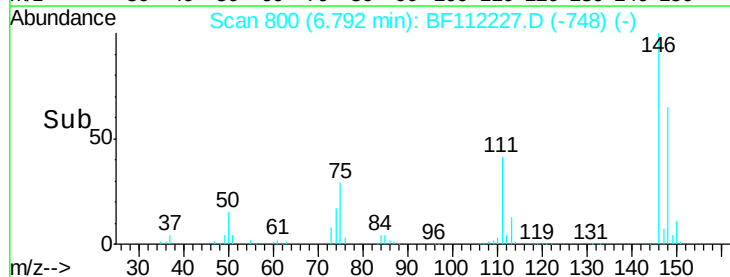
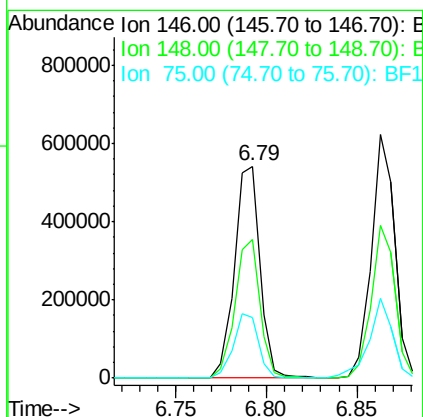
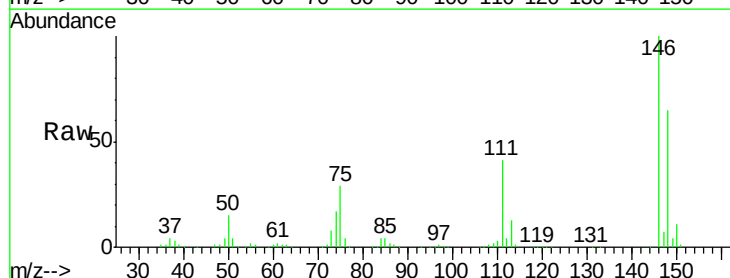
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

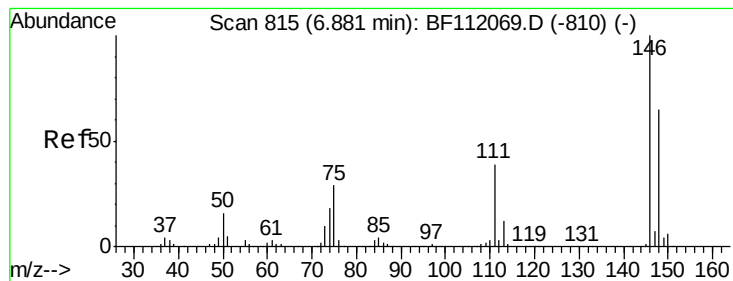
Tot Ion:	93	Resp:	397987
Ion	Ratio	Lower	Upper
93	100		
63	73.1	53.3	93.3
95	32.4	13.4	53.4



#12
1,3-Dichlorobenzene
Concen: 39.61 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Tgt Ion:	146	Resp:	532286
Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.8	77.8
75	28.7	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 41.23 ng

RT: 6.86 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

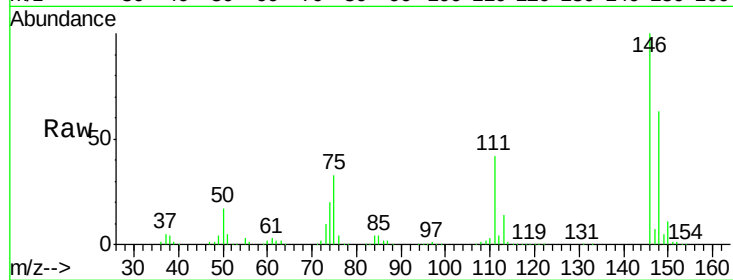
Tot Ion:146 Resp: 566640

Ion Ratio Lower Upper

146 100

148 62.9 52.0 78.0

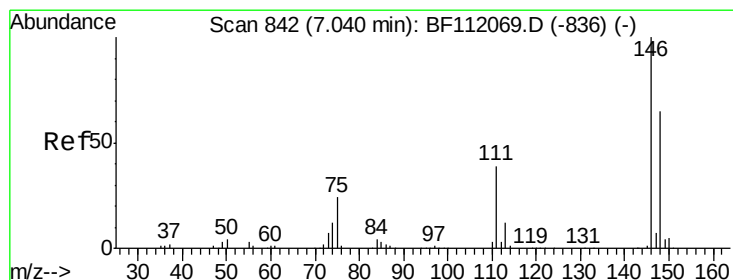
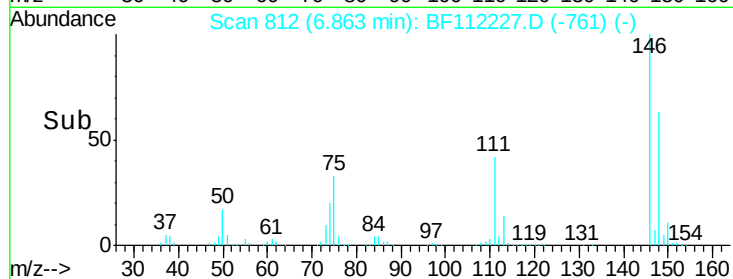
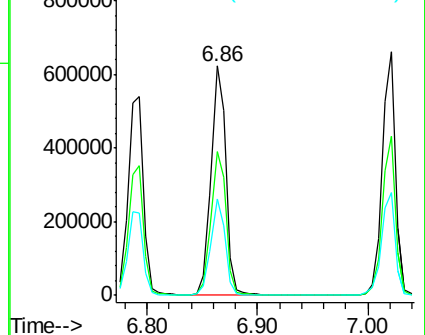
111 42.1 31.2 46.8



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: 44.26 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

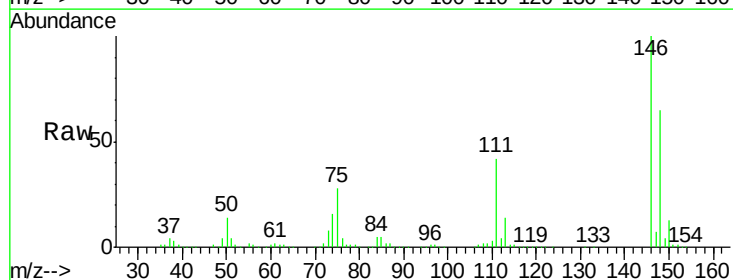
Tgt Ion:146 Resp: 560345

Ion Ratio Lower Upper

146 100

148 65.2 52.2 78.4

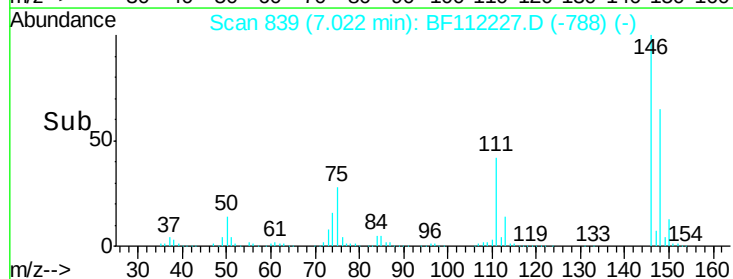
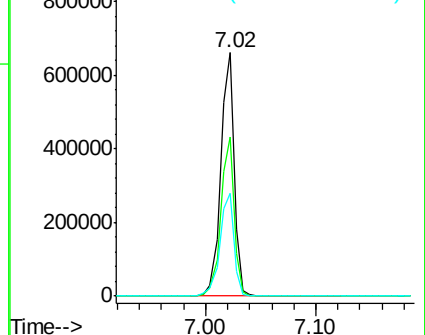
111 42.2 31.2 46.8

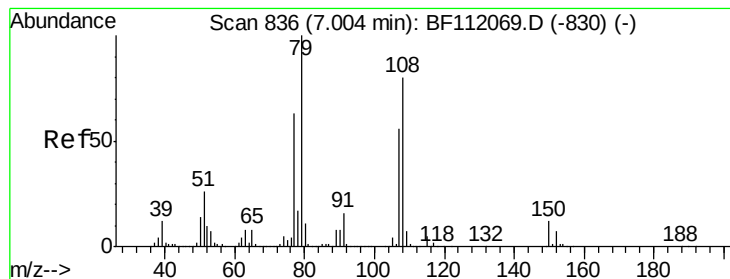


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.24 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

Instrument :

BNA_F

ClientSampleID :

SSTDCCC040

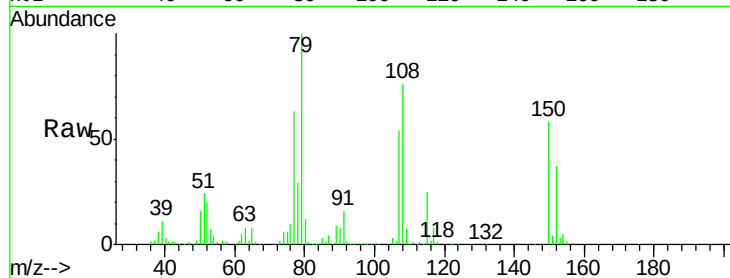
Tot Ion: 79 Resp: 436992

Ion Ratio Lower Upper

79 100

108 75.6 64.2 96.2

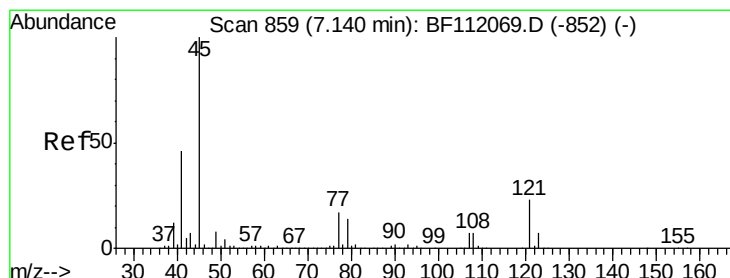
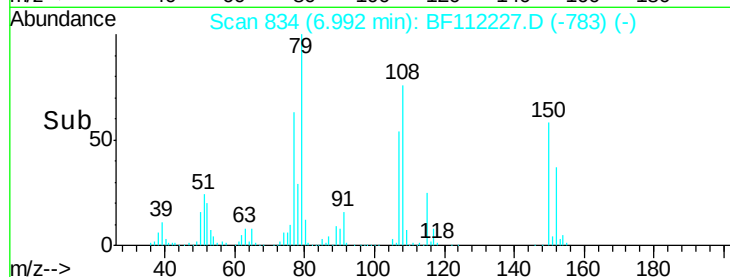
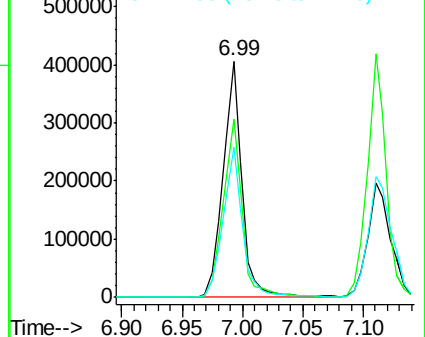
77 63.4 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.23 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

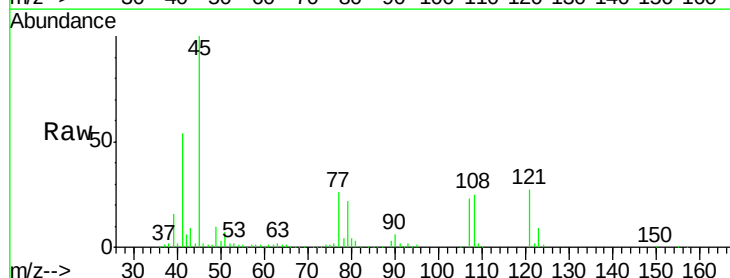
Tgt Ion: 45 Resp: 591812

Ion Ratio Lower Upper

45 100

77 26.3 0.0 36.9

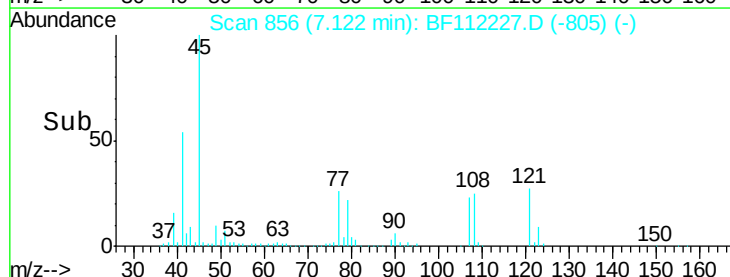
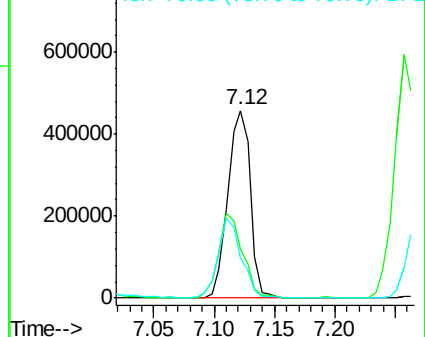
79 21.7 0.0 34.0

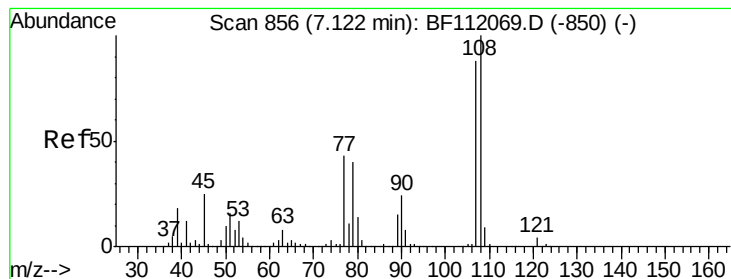


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

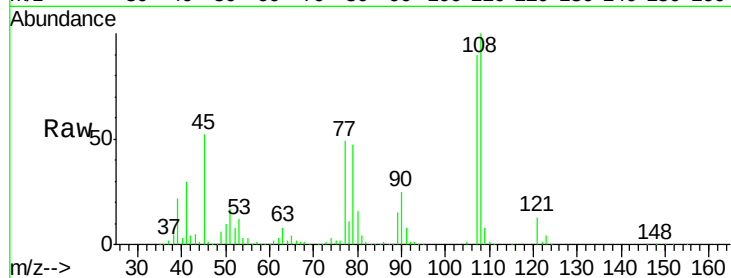




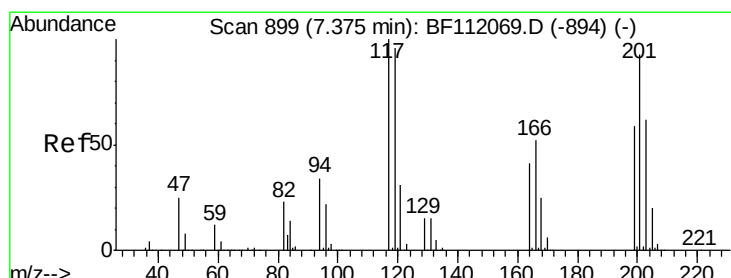
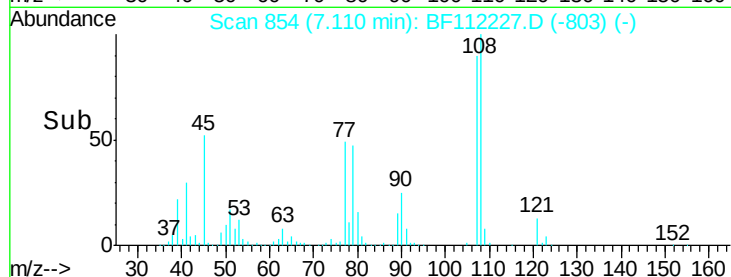
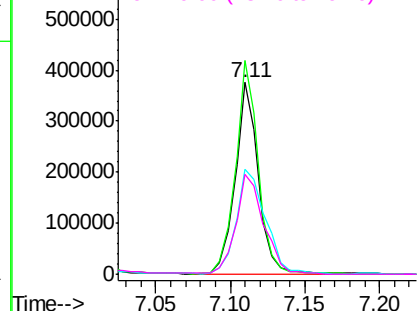
#17
2-Methylphenol
Concen: 45.63 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	403492
Ion	Ratio	Lower	Upper
107	100		
108	111.4	91.3	136.9
77	55.0	39.0	58.6
79	52.1	37.0	55.4

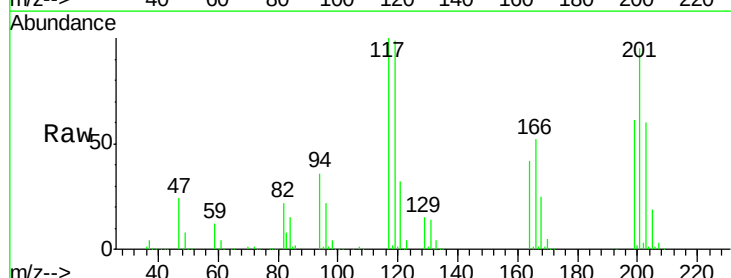


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

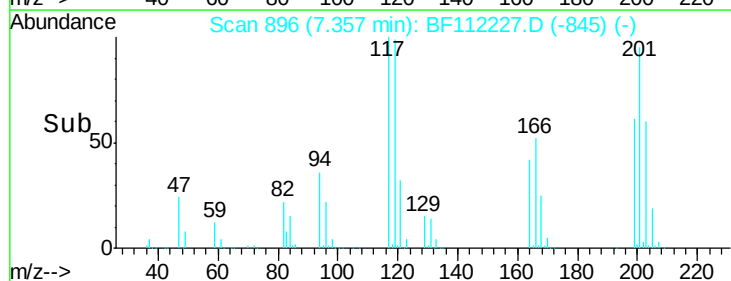
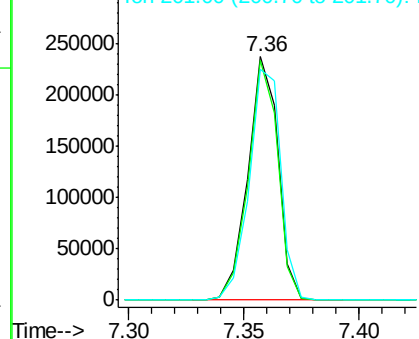


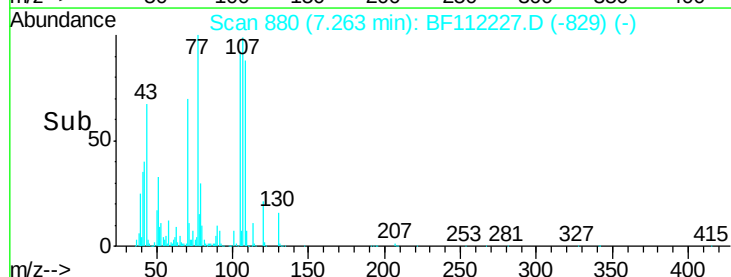
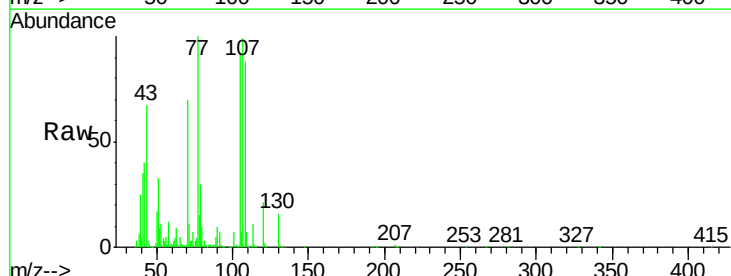
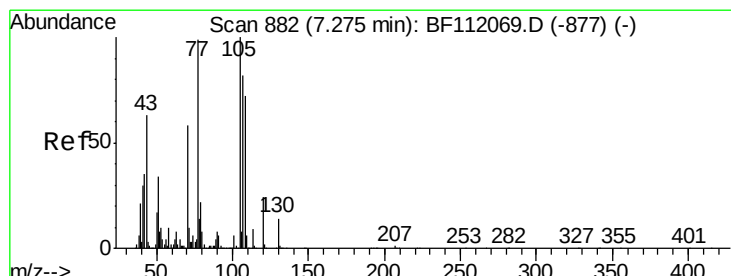
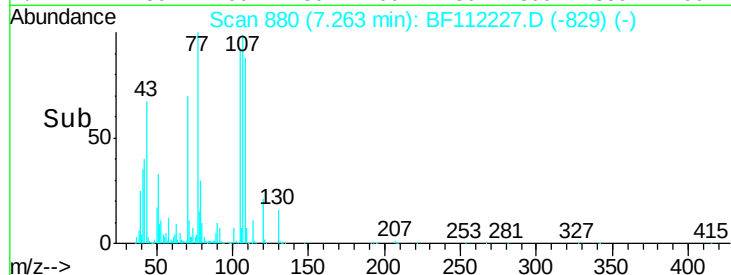
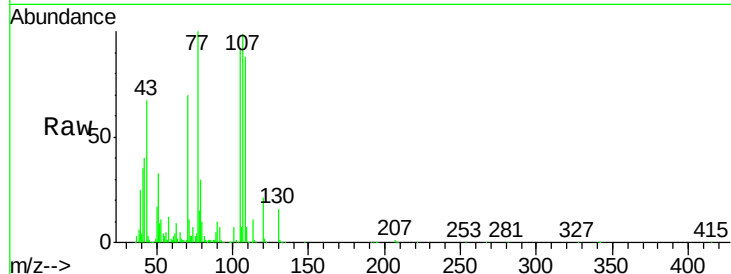
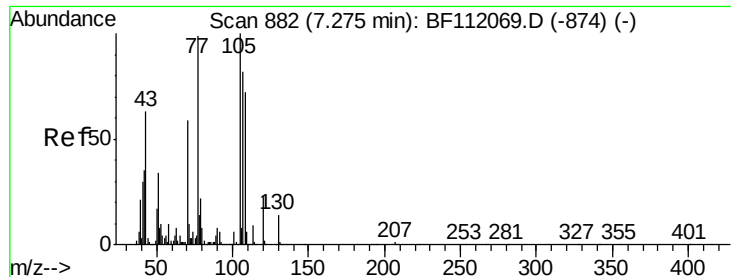
#18
Hexachloroethane
Concen: 47.25 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Tgt Ion:	117	Resp:	216765
Ion	Ratio	Lower	Upper
117	100		
119	98.7	77.0	115.4
201	94.7	74.1	111.1



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

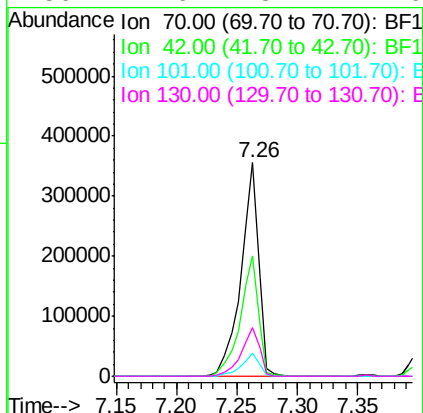




#19
n-Nitroso-di-n-propylamine
Concen: 47.31 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

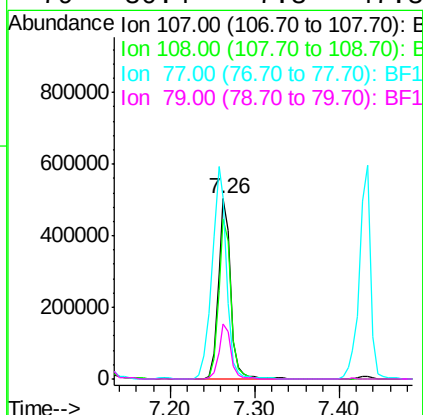
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

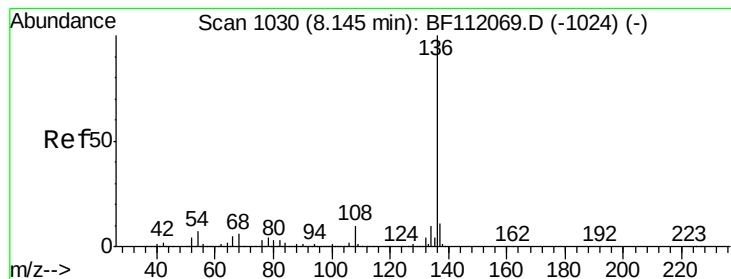
Tot Ion:	70	Resp:	365596
Ion	Ratio	Lower	Upper
70	100		
42	56.4	47.6	71.4
101	10.6	7.9	11.9
130	22.6	18.4	27.6



#20
3+4-Methylphenols
Concen: 48.33 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Tgt Ion:	107	Resp:	518164
Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.2	108.2
77	100.8	100.7	140.7
79	30.4	7.3	47.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 790773

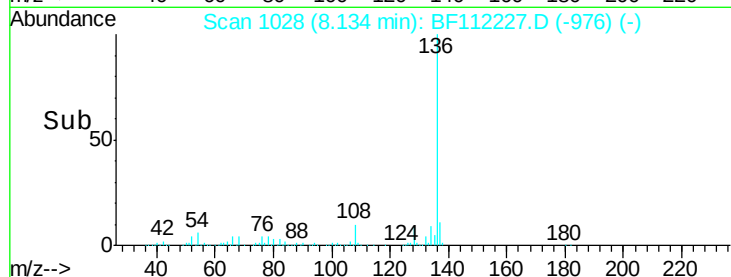
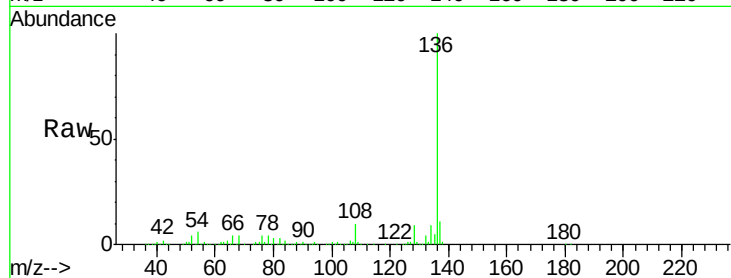
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.0 5.9 8.9

68 4.4 5.1 7.7#

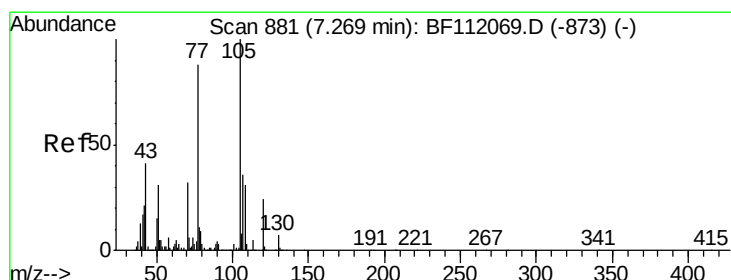
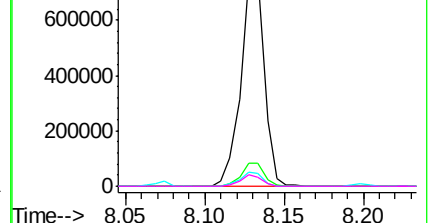


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.90 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

Tgt Ion:105 Resp: 749288

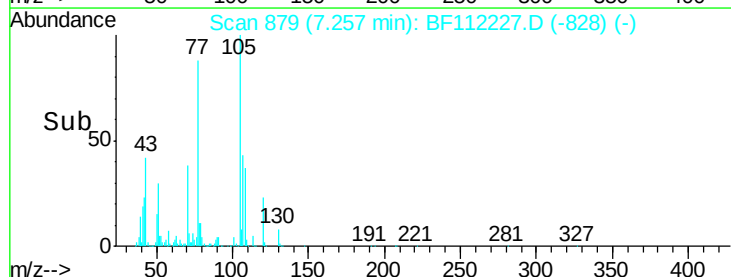
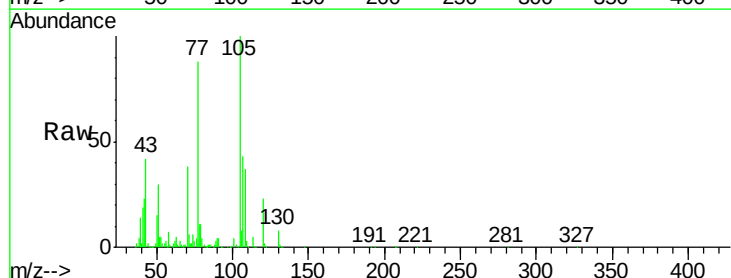
Ion Ratio Lower Upper

105 100

71 6.1 4.6 6.8

51 30.2 25.0 37.6

120 22.8 19.0 28.4

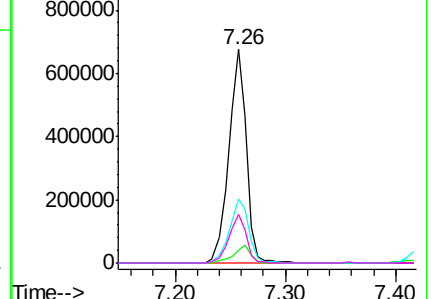


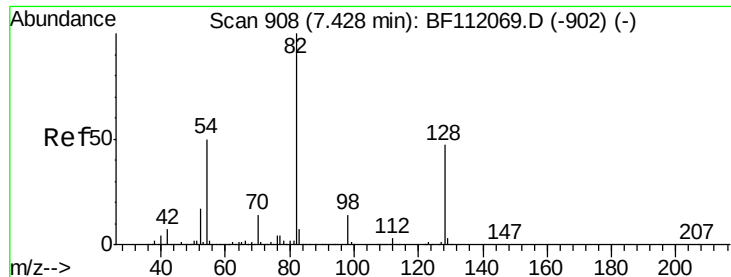
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

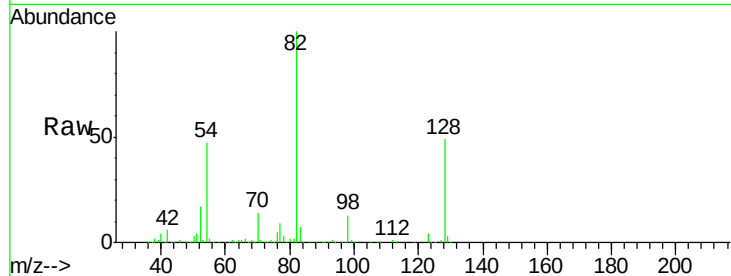




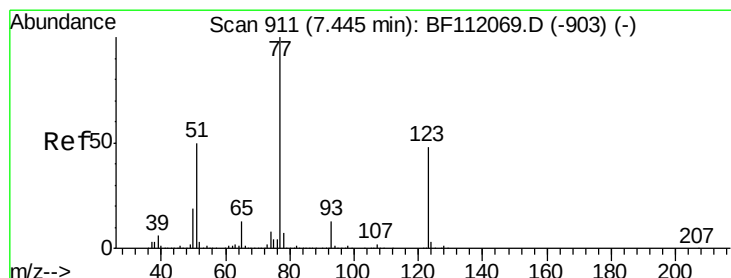
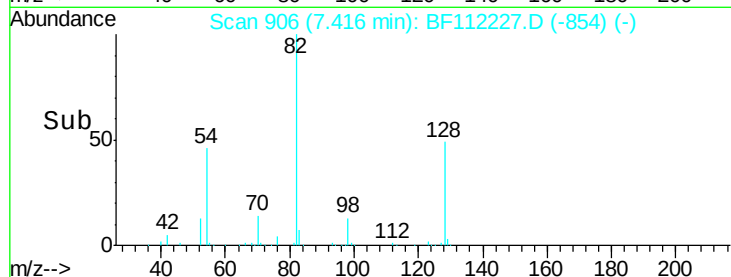
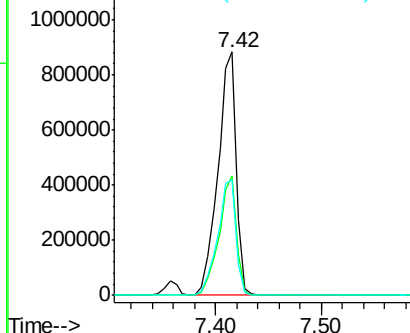
#23
Nitrobenzene-d5
Concen: 94.19 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.01 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1078088
Ion Ratio Lower Upper
82 100
128 49.1 37.8 56.8
54 47.3 39.7 59.5

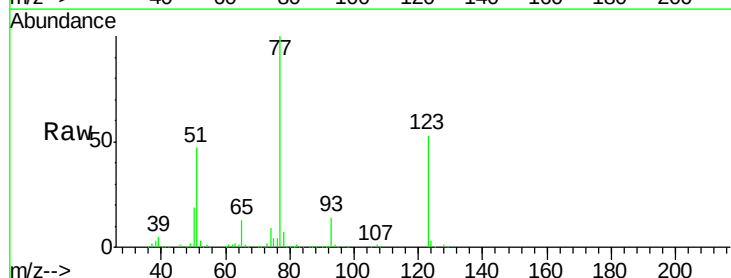


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

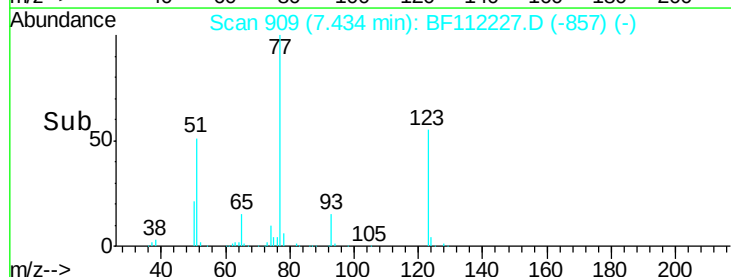
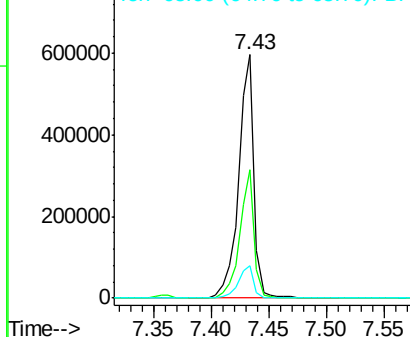


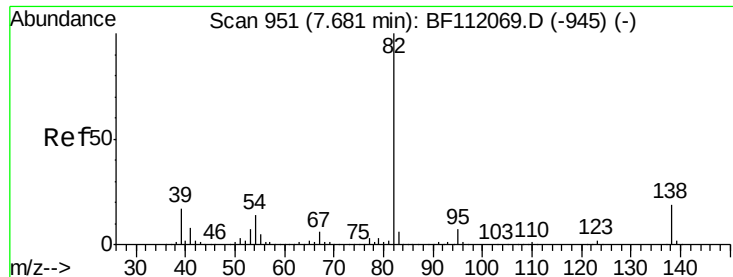
#24
Nitrobenzene
Concen: 44.52 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.01 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Tgt Ion: 77 Resp: 540017
Ion Ratio Lower Upper
77 100
123 52.8 38.4 57.6
65 13.5 10.6 15.8



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: 39.18 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

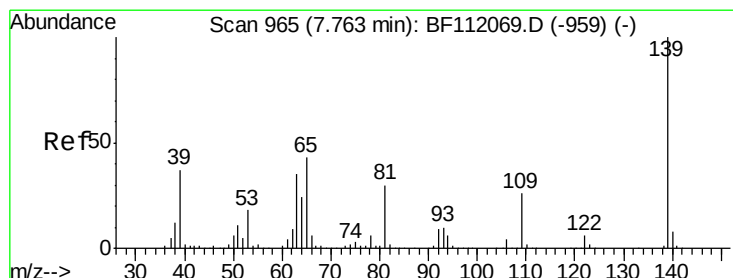
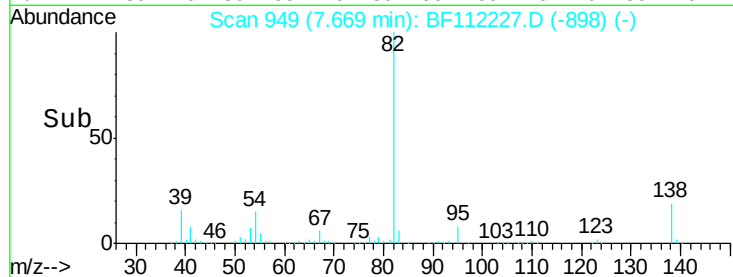
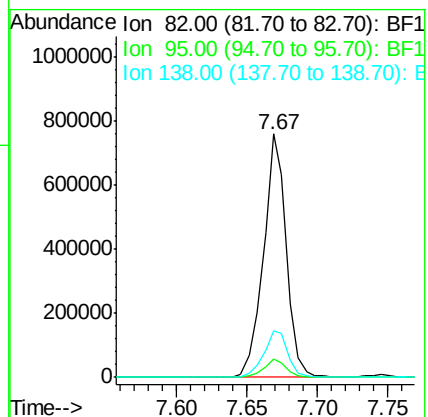
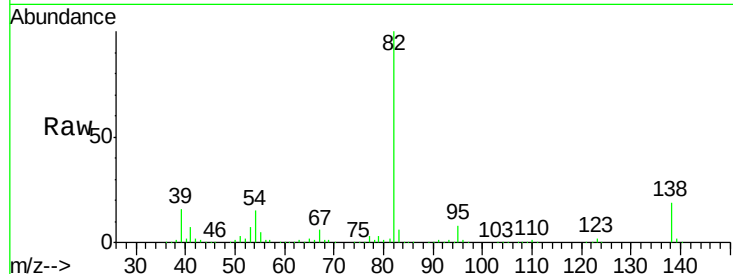
Tot Ion: 82 Resp: 866111

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

138 19.1 15.4 23.0



#26

2-Nitrophenol

Concen: 52.91 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

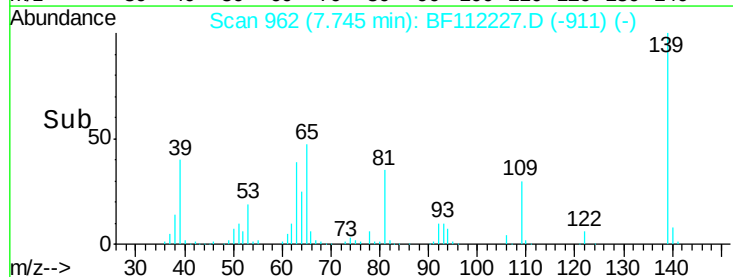
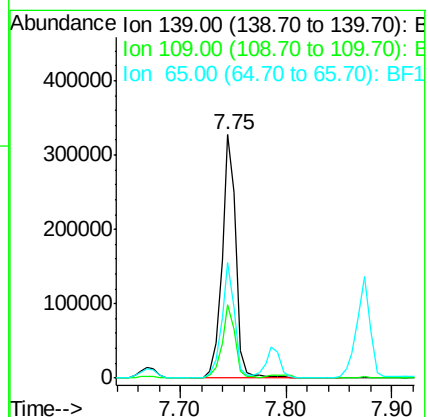
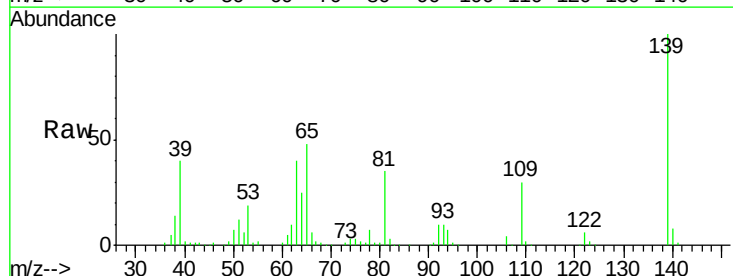
Tgt Ion: 139 Resp: 303018

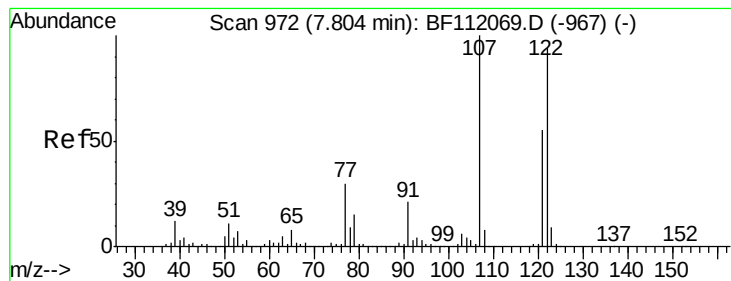
Ion Ratio Lower Upper

139 100

109 30.0 20.8 31.2

65 47.7 34.4 51.6





#27

2,4-Dimethylphenol

Concen: 39.68 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

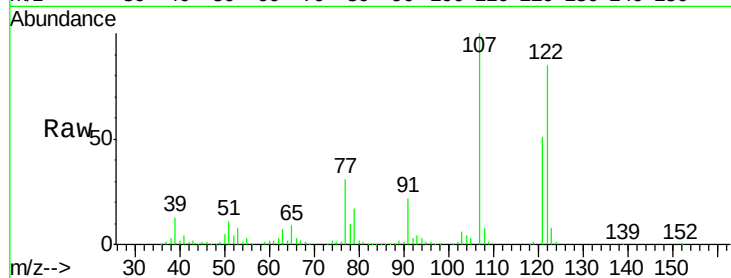
Tot Ion:122 Resp: 407211

Ion Ratio Lower Upper

122 100

107 117.9 85.4 128.0

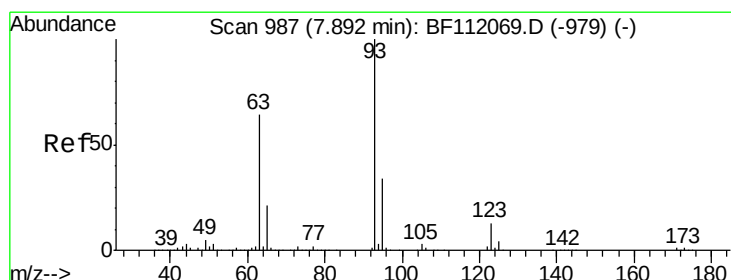
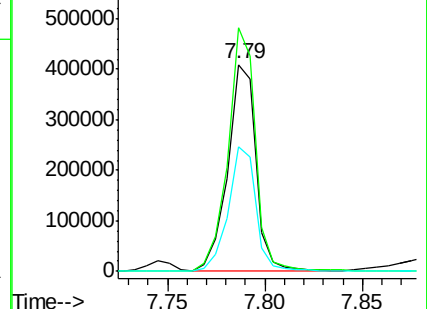
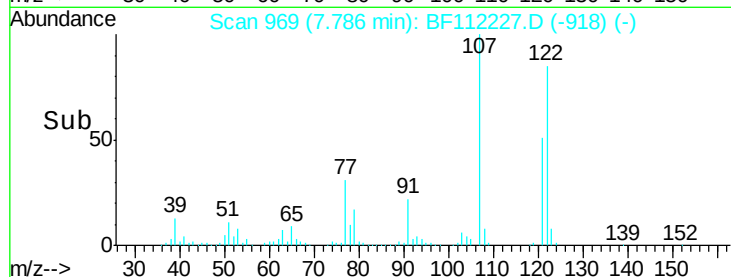
121 60.2 47.0 70.4



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: 38.93 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

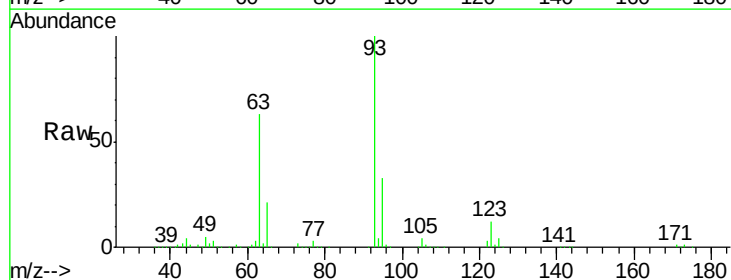
Tgt Ion: 93 Resp: 590351

Ion Ratio Lower Upper

93 100

95 32.8 26.8 40.2

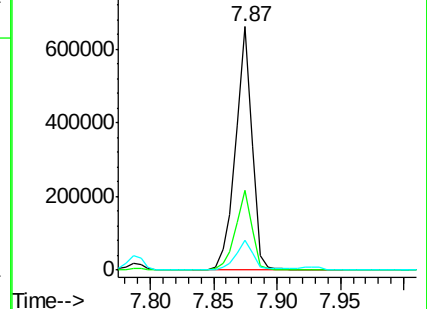
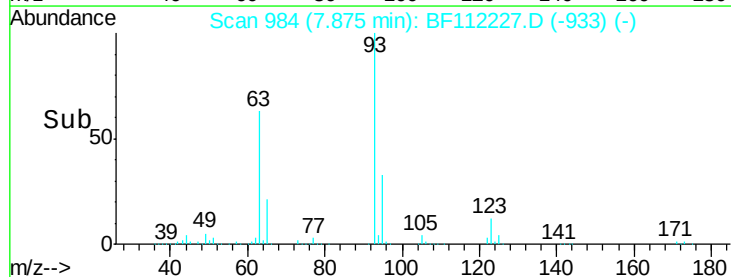
123 12.1 10.2 15.2

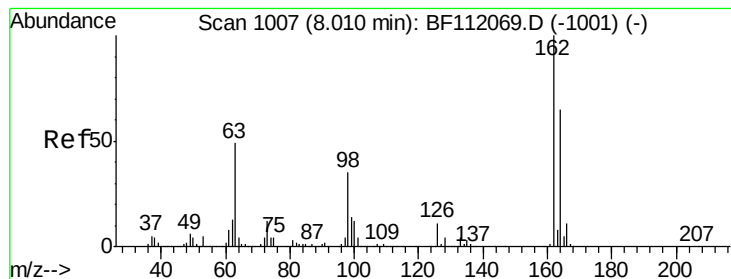


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.09 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

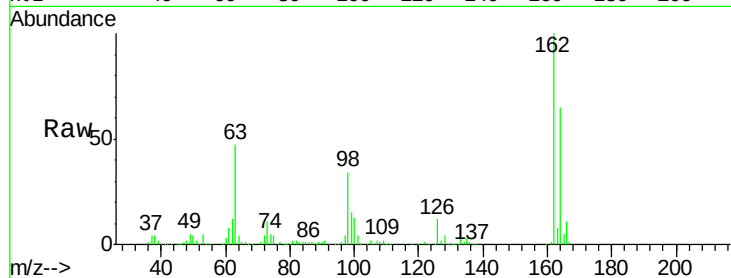
Tot Ion:162 Resp: 460593

Ion Ratio Lower Upper

162 100

164 64.7 44.6 84.6

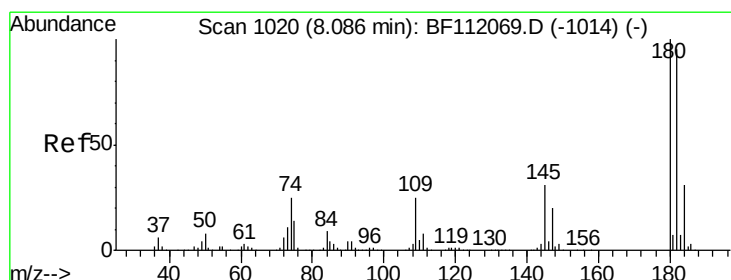
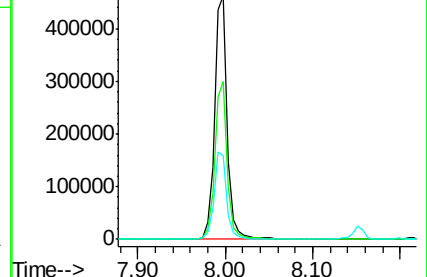
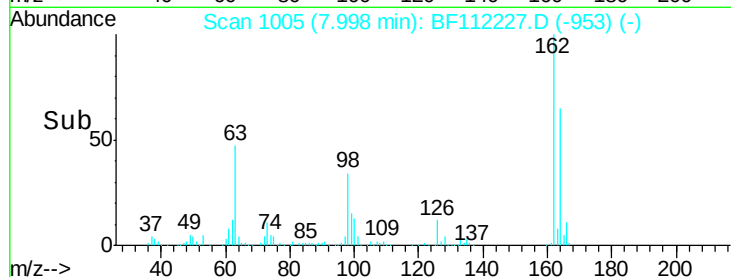
98 34.3 14.6 54.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.89 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

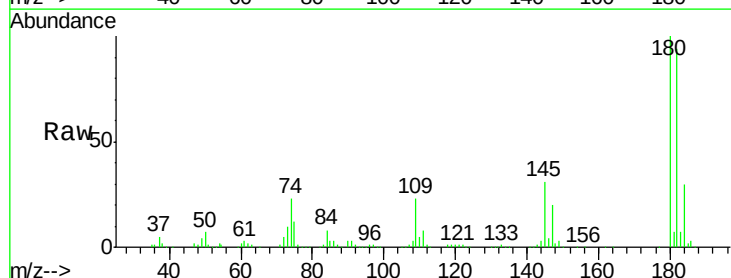
Tgt Ion:180 Resp: 518984

Ion Ratio Lower Upper

180 100

182 94.2 76.4 114.6

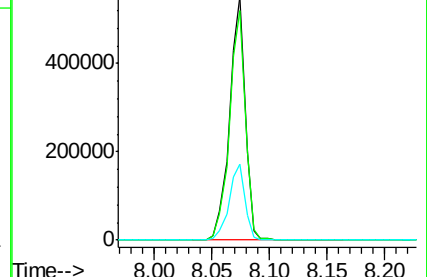
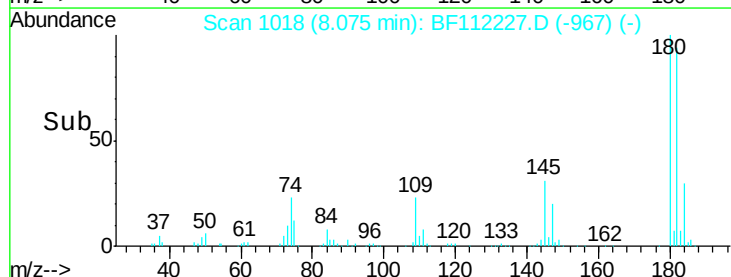
145 31.1 25.0 37.4

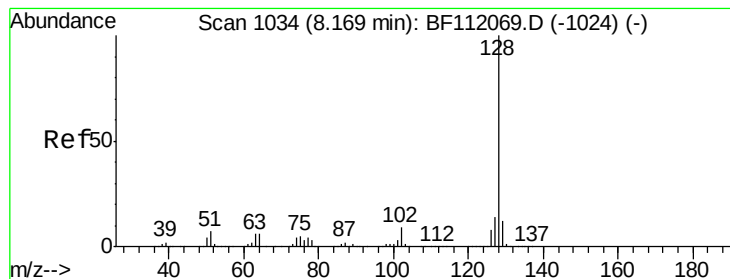


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.45 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

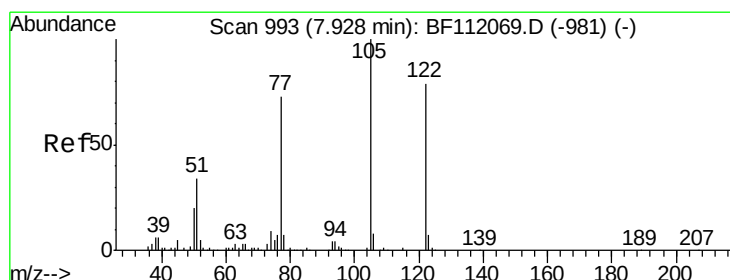
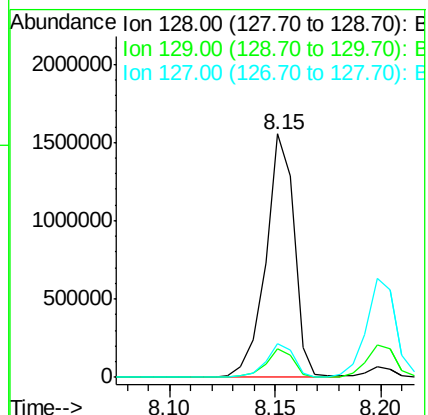
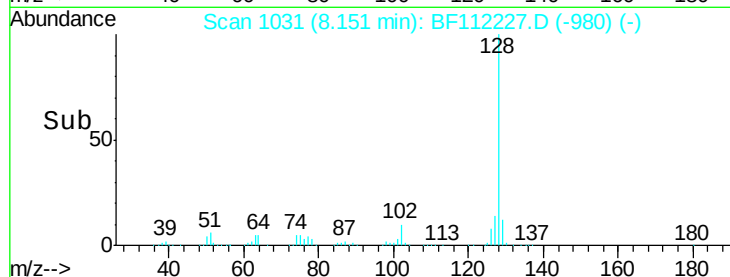
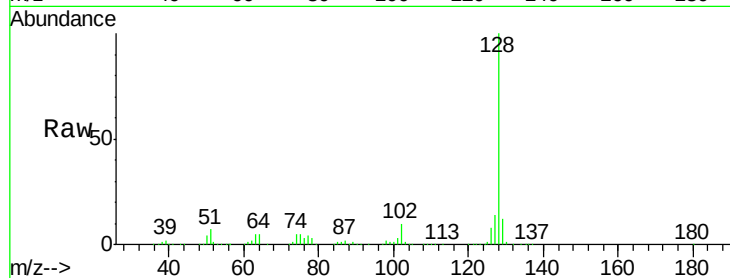
Tot Ion:128 Resp: 1454996

Ion Ratio Lower Upper

128 100

129 11.5 9.6 14.4

127 14.0 11.1 16.7



#32

Benzoic acid

Concen: 56.38 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

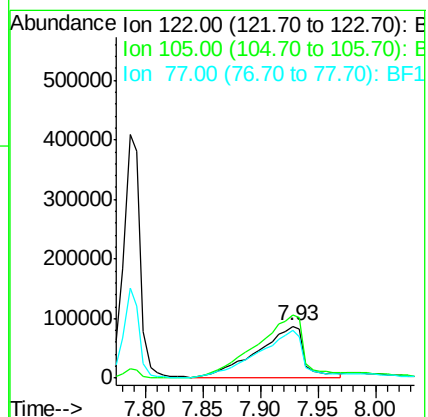
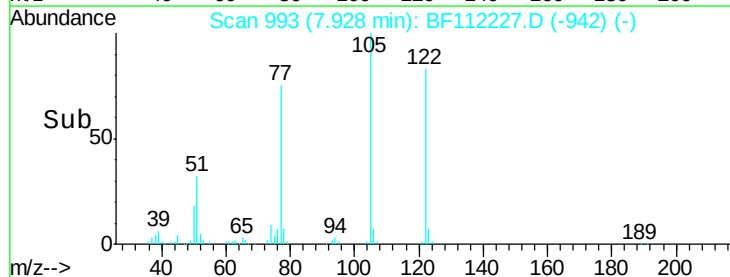
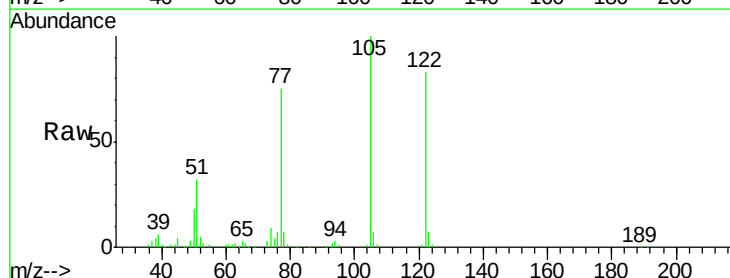
Tgt Ion:122 Resp: 238020

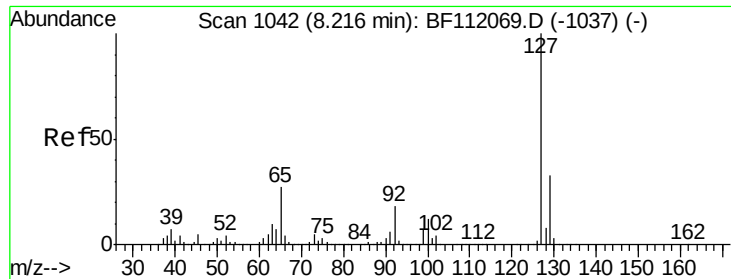
Ion Ratio Lower Upper

122 100

105 120.9 101.2 141.2

77 91.0 70.4 110.4

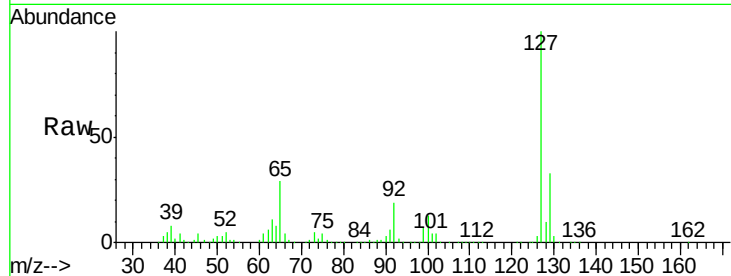




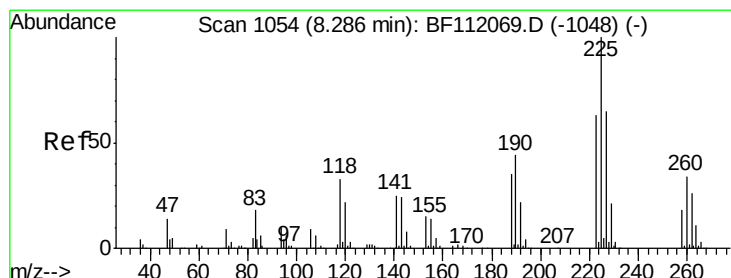
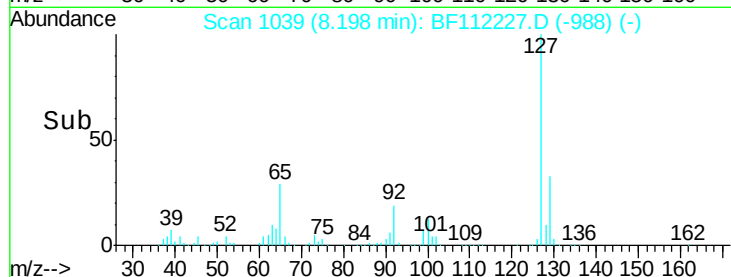
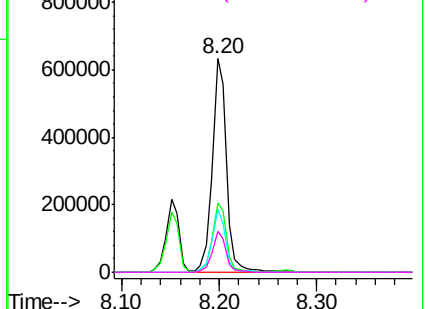
#33
4-Chloroaniline
Concen: 39.59 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	639944
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.6	39.8
65	29.2	21.4	32.2
92	19.1	14.2	21.2

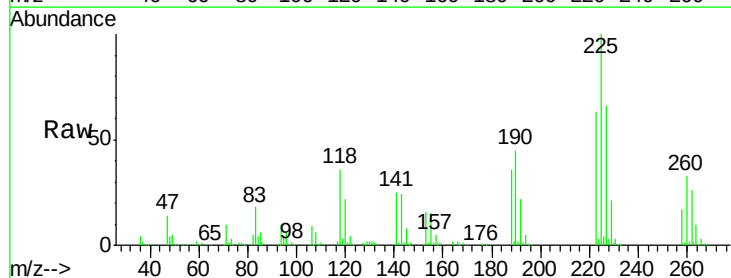


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

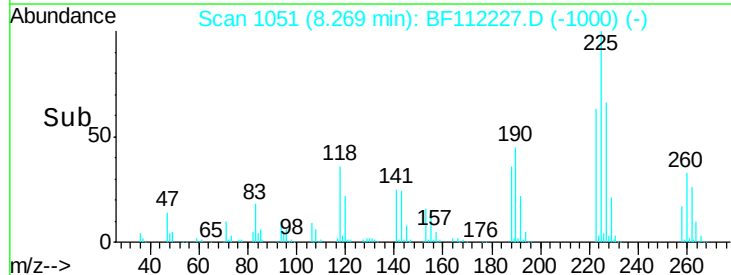
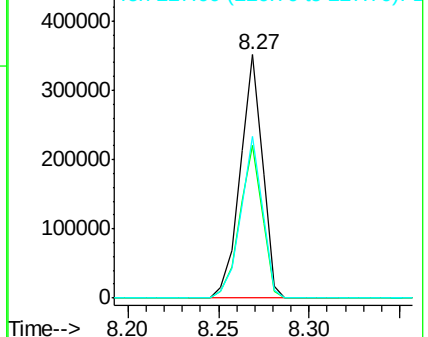


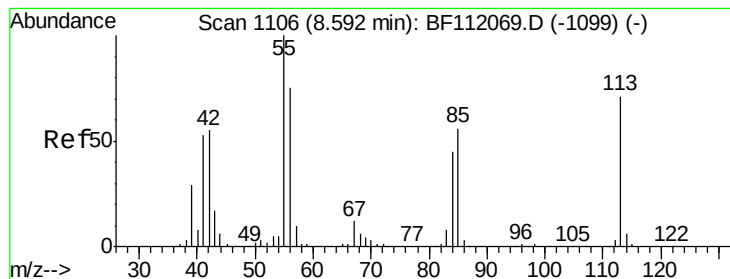
#34
Hexachlorobutadiene
Concen: 41.43 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Tgt Ion:	225	Resp:	299956
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.3	75.5
227	66.3	51.8	77.8



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





#35

Caprolactam

Concen: 40.58 ng

RT: 8.58 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

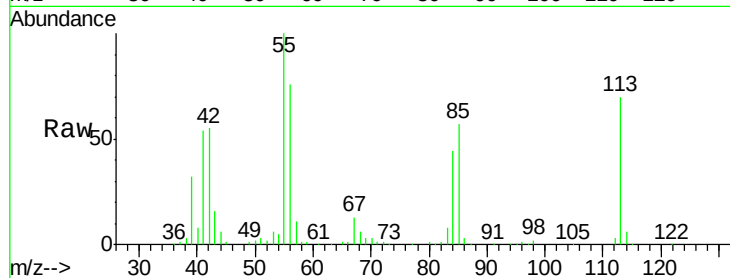
Tot Ion:113 Resp: 159231

Ion Ratio Lower Upper

113 100

55 141.9 121.6 161.6

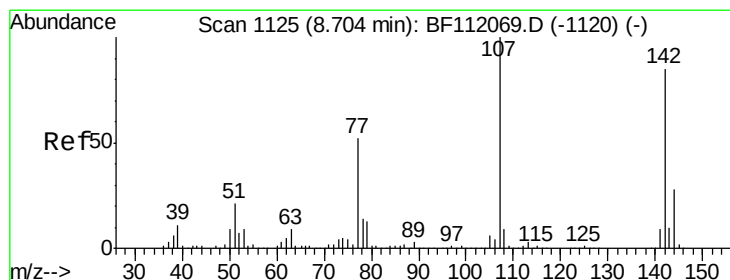
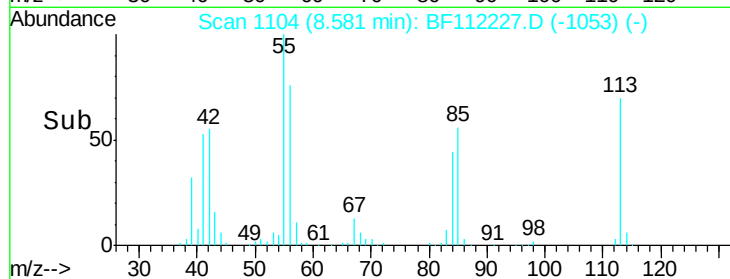
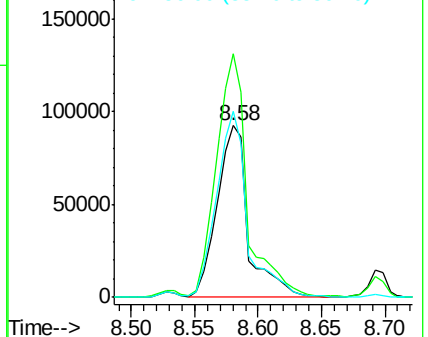
56 108.2 86.7 126.7



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: 43.28 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

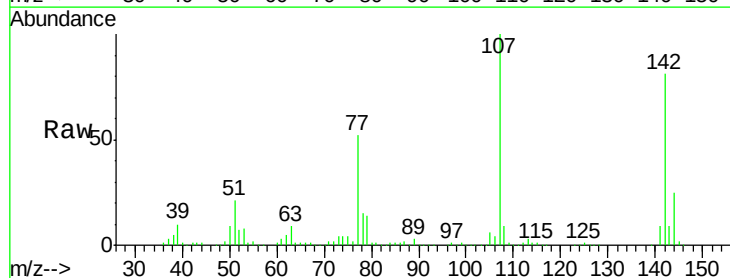
Tgt Ion:107 Resp: 473877

Ion Ratio Lower Upper

107 100

144 25.5 22.2 33.2

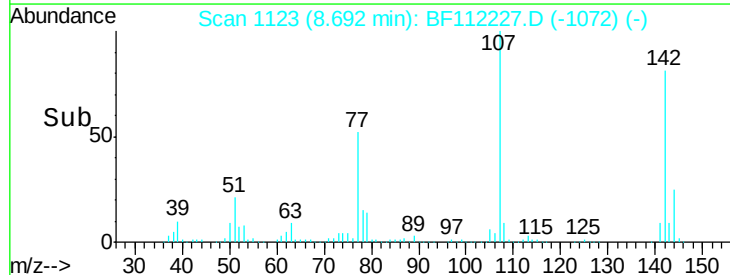
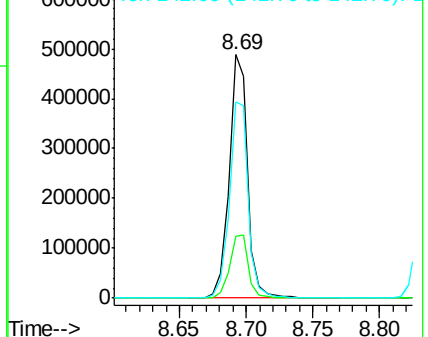
142 80.6 67.7 101.5

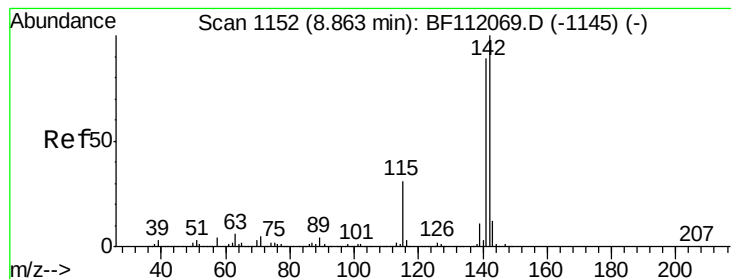


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

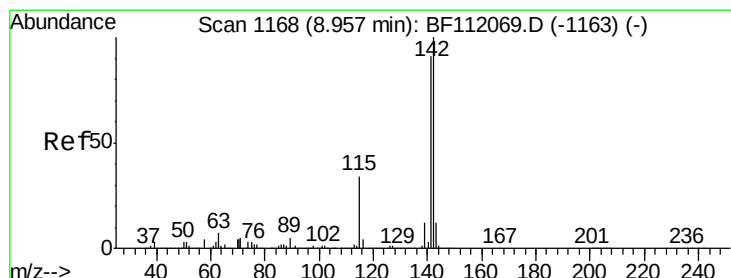
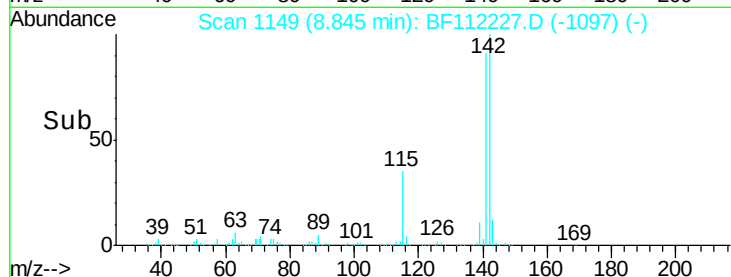
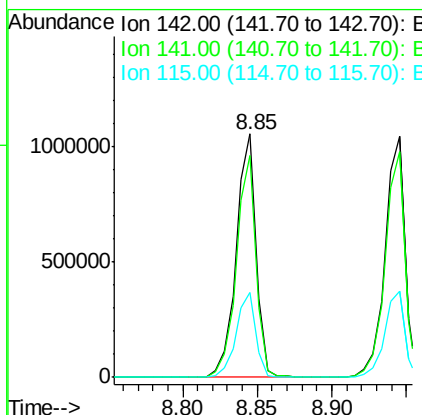
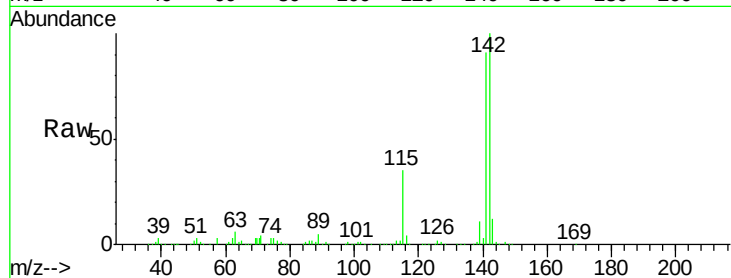




#37
 2-Methylnaphthalene
 Concen: 40.46 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.01 min
 Lab File: BF112227.D
 Acq: 25 Jan 2019 12:25

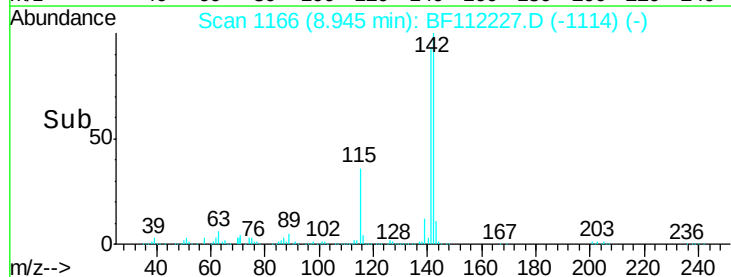
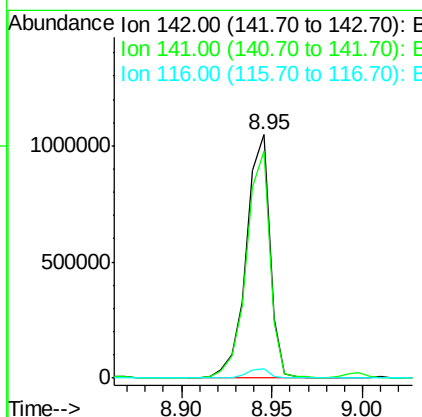
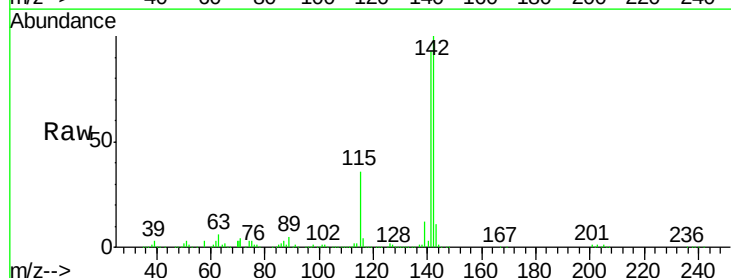
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

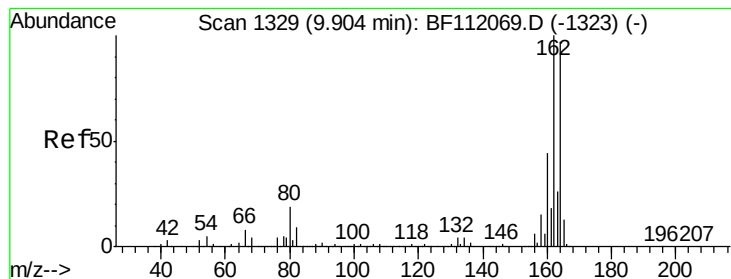
Tot Ion:142 Resp: 988184
 Ion Ratio Lower Upper
 142 100
 141 91.0 70.9 106.3
 115 34.8 24.9 37.3



#38
 1-Methylnaphthalene
 Concen: 40.34 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.01 min
 Lab File: BF112227.D
 Acq: 25 Jan 2019 12:25

Tgt Ion:142 Resp: 946761
 Ion Ratio Lower Upper
 142 100
 141 93.4 72.6 108.8
 116 3.8 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

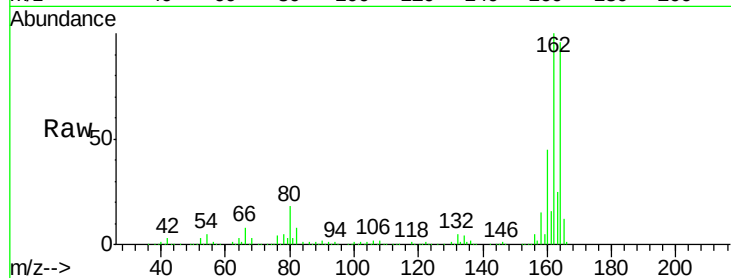
Tot Ion:164 Resp: 389190

Ion Ratio Lower Upper

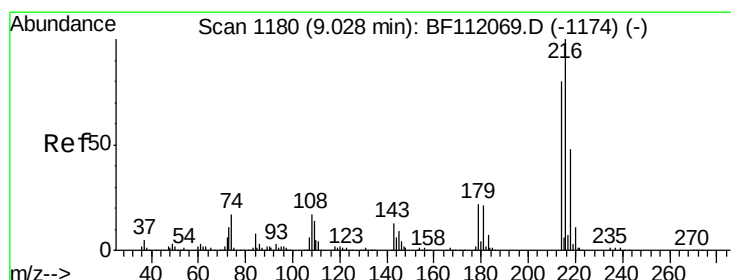
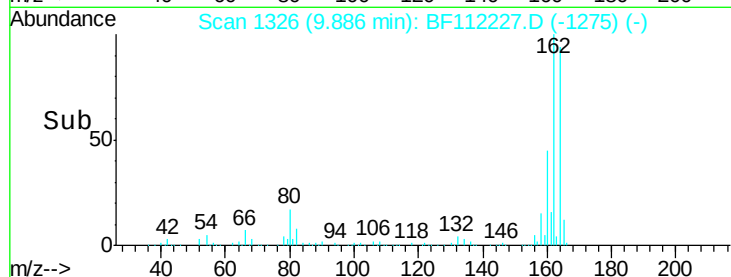
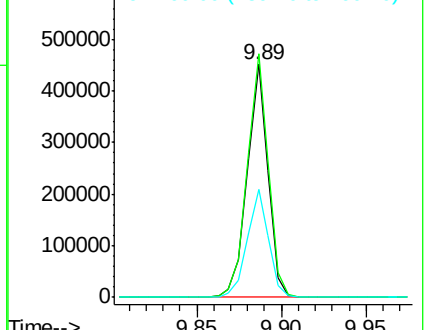
164 100

162 104.5 82.2 123.4

160 46.5 36.2 54.4



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: 41.04 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

Tgt Ion:216 Resp: 512955

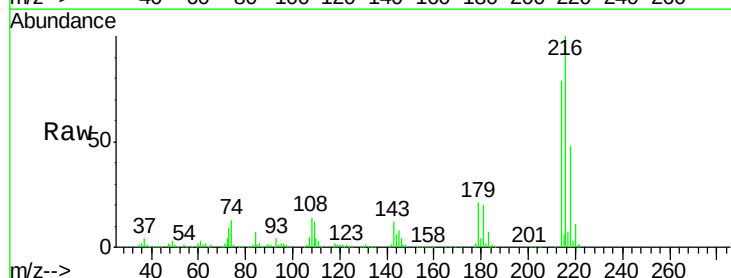
Ion Ratio Lower Upper

216 100

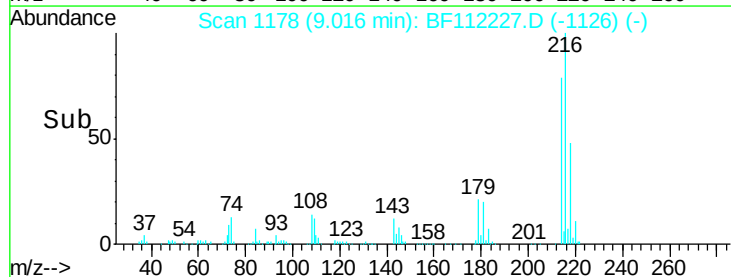
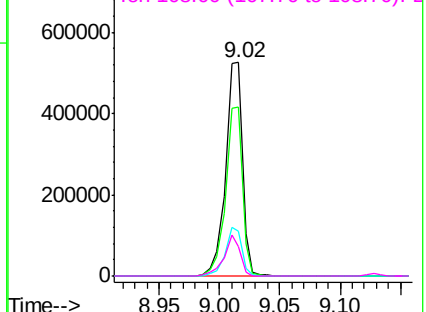
214 78.7 63.8 95.6

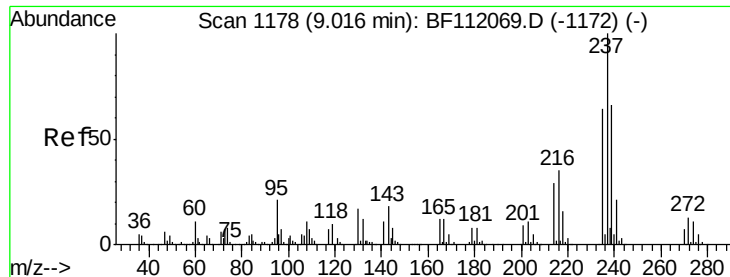
179 21.9 16.9 25.3

108 18.1 14.2 21.4



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: 39.16 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

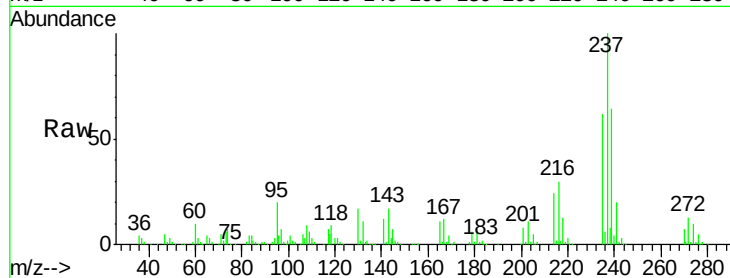
Tot Ion:237 Resp: 160374

Ion Ratio Lower Upper

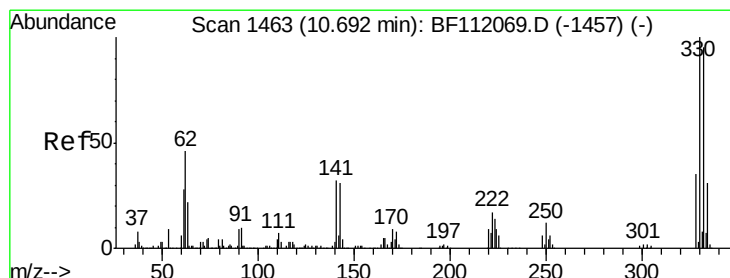
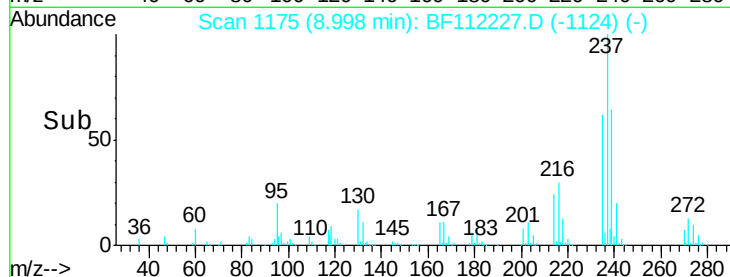
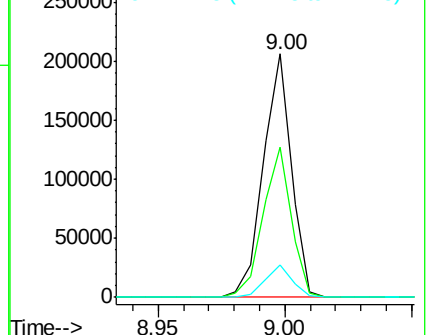
237 100

235 61.5 44.0 84.0

272 13.4 0.0 33.3



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: 81.73 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

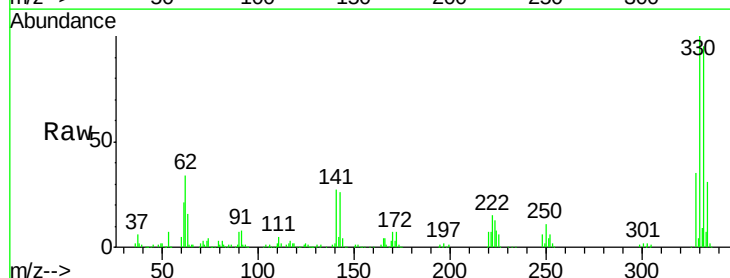
Tgt Ion:330 Resp: 343145

Ion Ratio Lower Upper

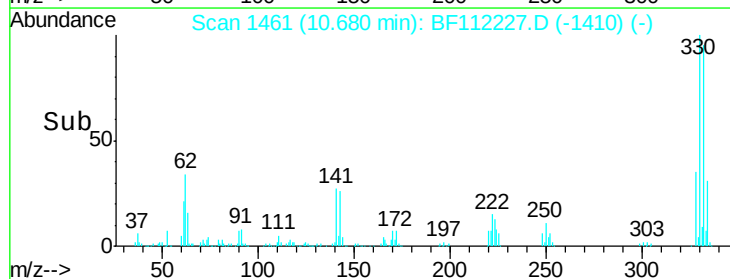
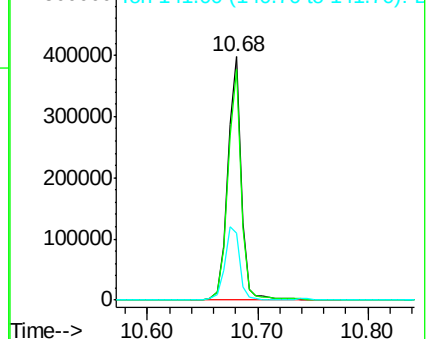
330 100

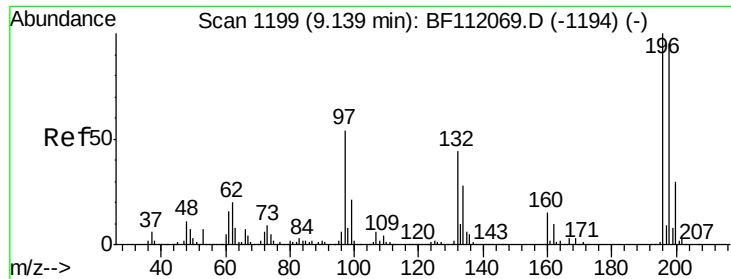
332 94.2 76.6 114.8

141 33.3 24.3 36.5



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

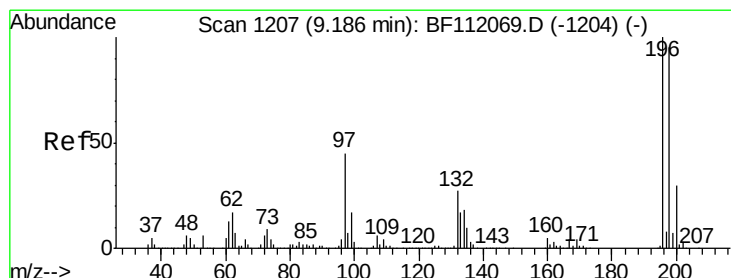
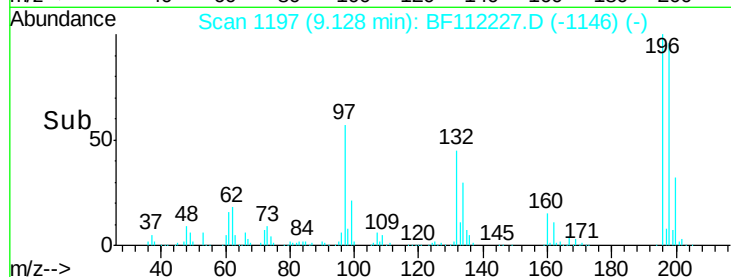
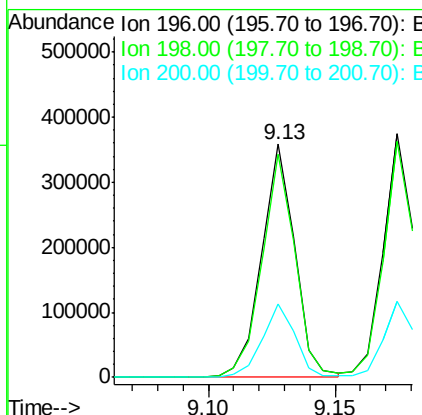
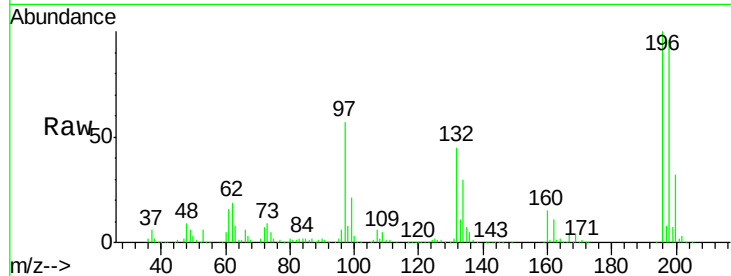




#43
 2,4,6-Trichlorophenol
 Concen: 43.66 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF112227.D
 Acq: 25 Jan 2019 12:25

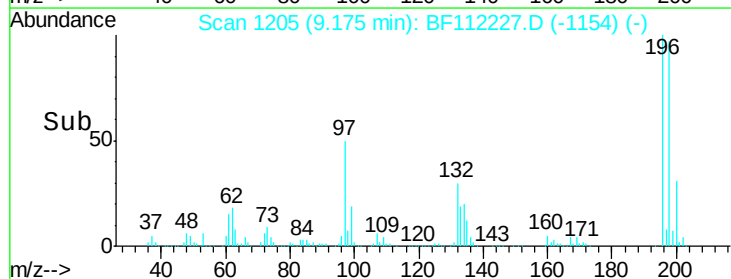
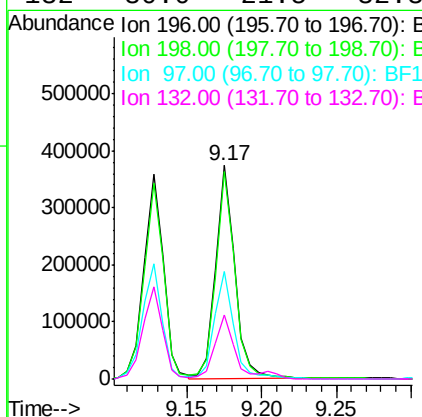
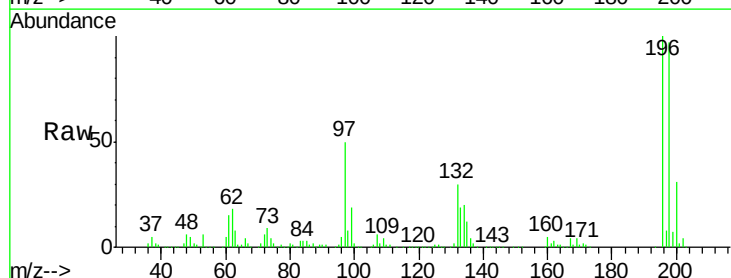
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

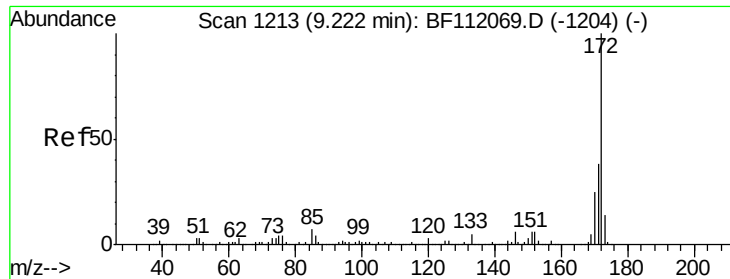
Tot Ion:196 Resp: 326405
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.2 114.4
 200 31.5 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 42.32 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF112227.D
 Acq: 25 Jan 2019 12:25

Tgt Ion:196 Resp: 336951
 Ion Ratio Lower Upper
 196 100
 198 97.0 76.0 114.0
 97 50.5 36.4 54.6
 132 30.0 21.5 32.3

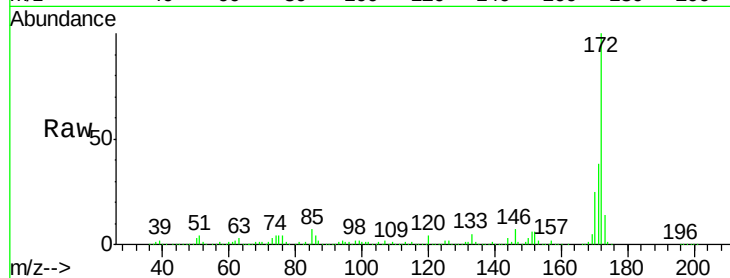




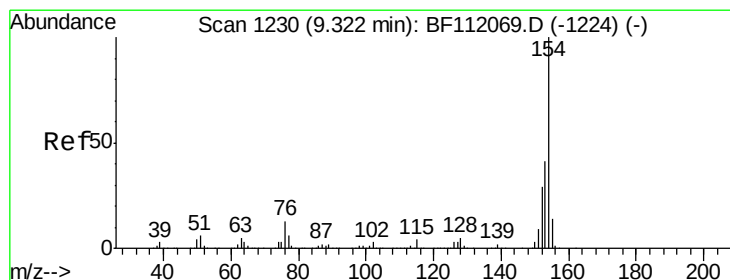
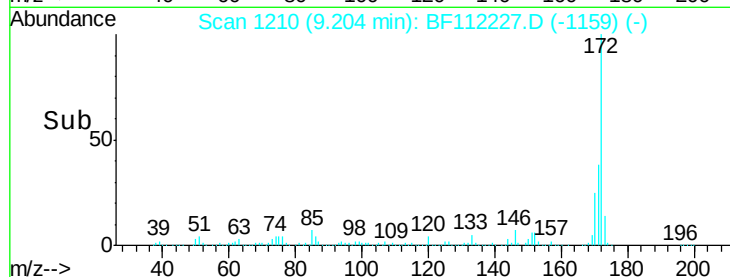
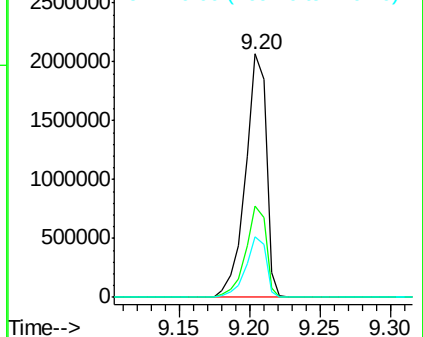
#45
2-Fluorobiphenyl
Concen: 80.40 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 2134326
Ion Ratio Lower Upper
172 100
171 37.7 30.5 45.7
170 24.8 20.2 30.4

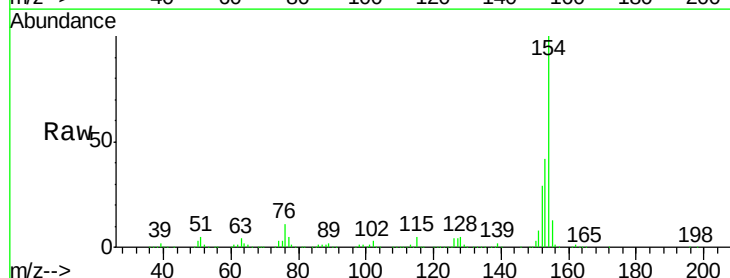


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

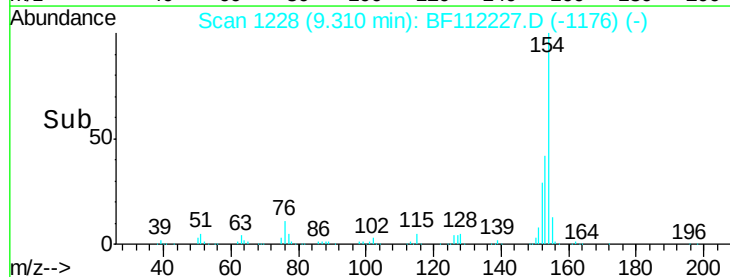
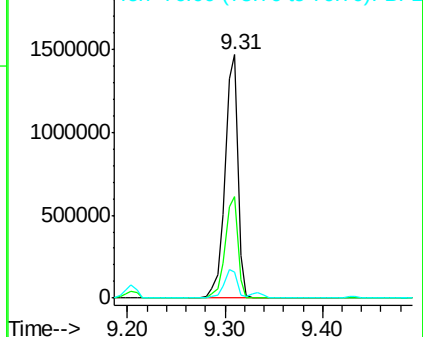


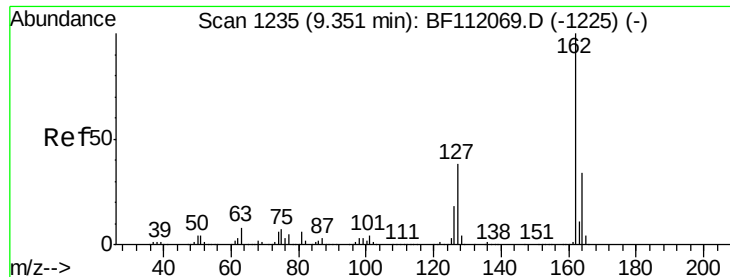
#46
1,1'-Biphenyl
Concen: 41.31 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Tgt Ion:154 Resp: 1344273
Ion Ratio Lower Upper
154 100
153 41.9 21.5 61.5
76 10.7 0.0 33.1



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: 41.25 ng

RT: 9.33 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

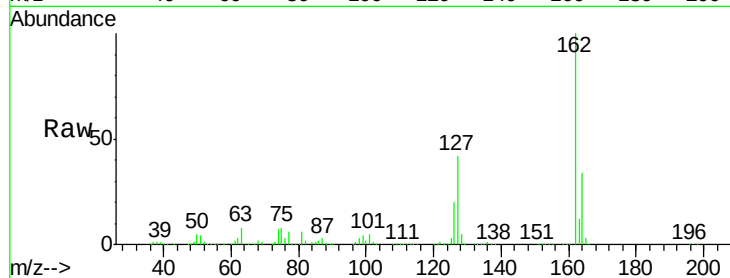
Tot Ion:162 Resp: 1050848

Ion Ratio Lower Upper

162 100

127 41.8 30.4 45.6

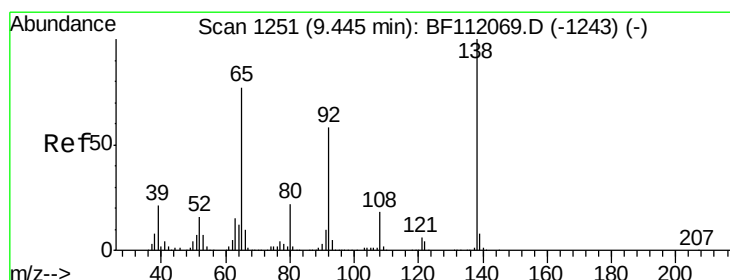
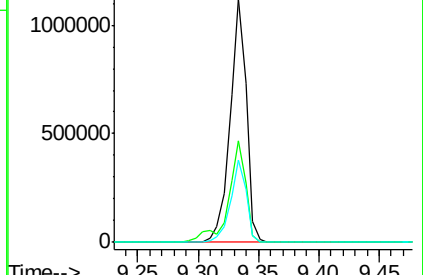
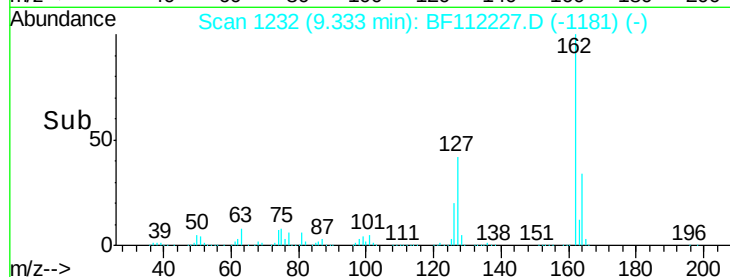
164 33.7 27.4 41.2



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: 50.80 ng

RT: 9.43 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

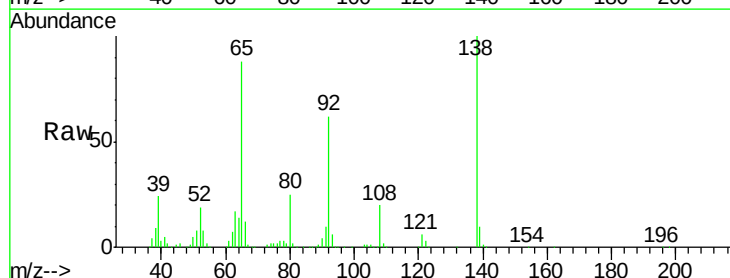
Tgt Ion: 65 Resp: 291506

Ion Ratio Lower Upper

65 100

92 70.2 60.4 90.6

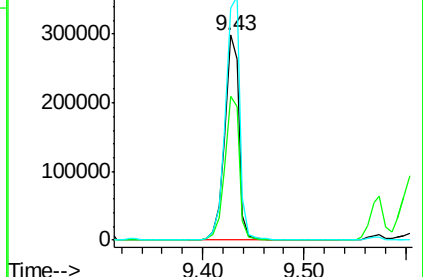
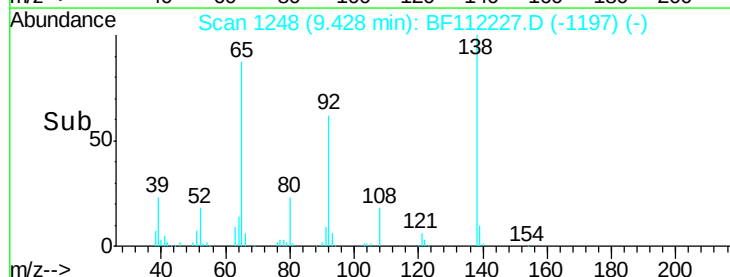
138 113.5 104.4 156.6

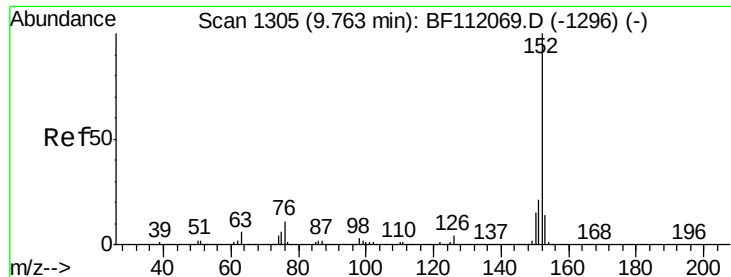


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.09 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.01 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

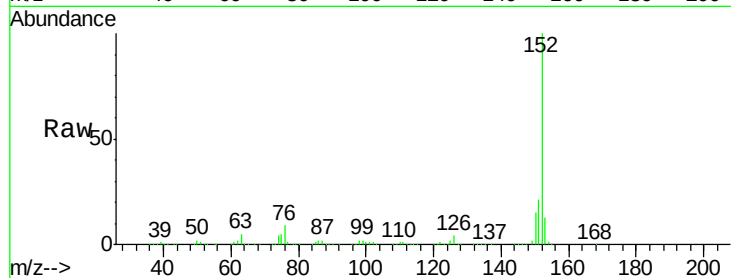
Tot Ion:152 Resp: 1527611

Ion Ratio Lower Upper

152 100

151 21.1 17.0 25.6

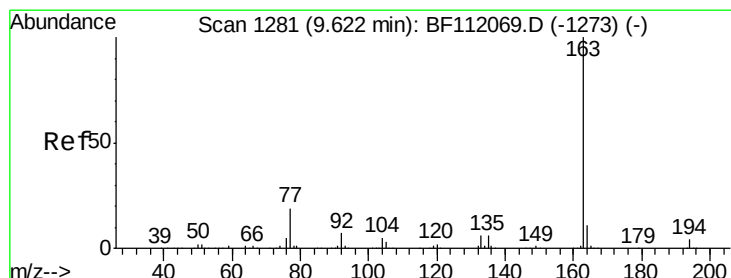
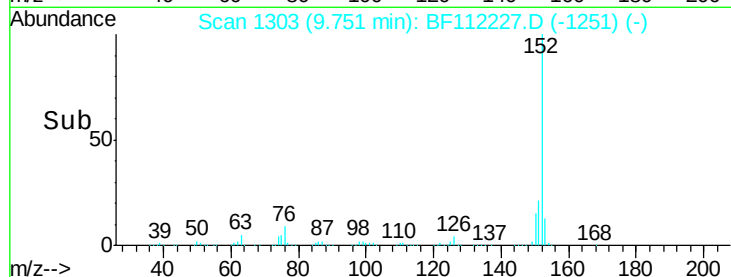
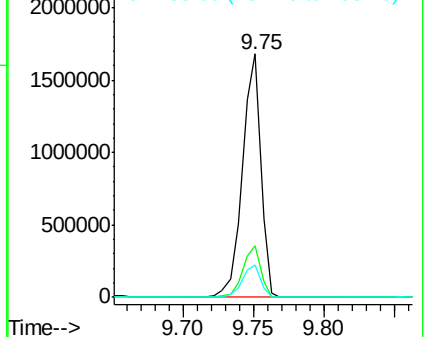
153 13.3 11.2 16.8



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: 42.26 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

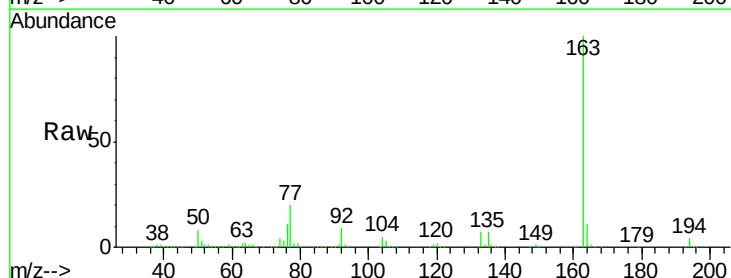
Tgt Ion:163 Resp: 1199416

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

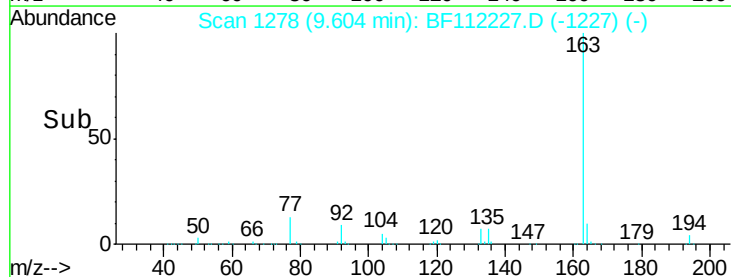
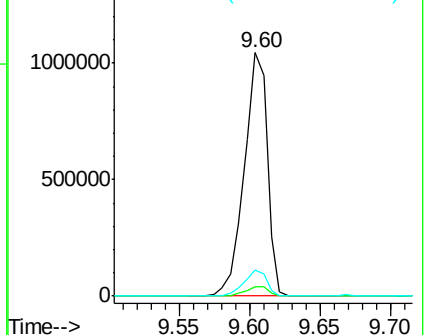
164 10.5 8.5 12.7

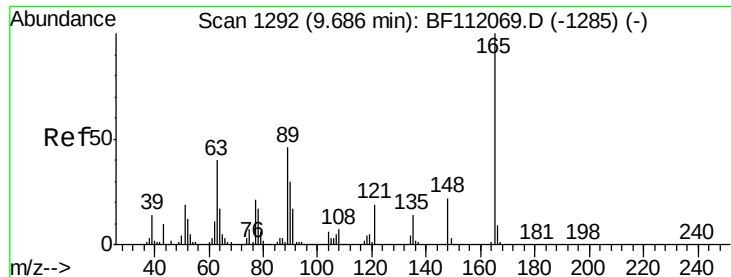


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

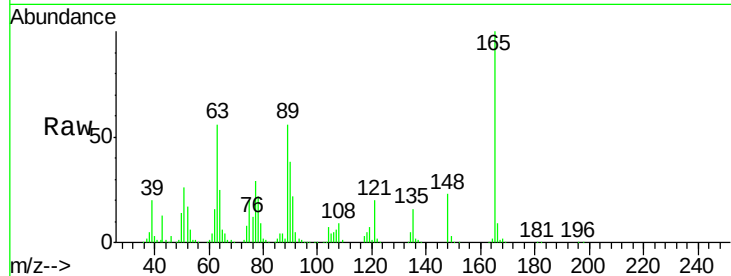




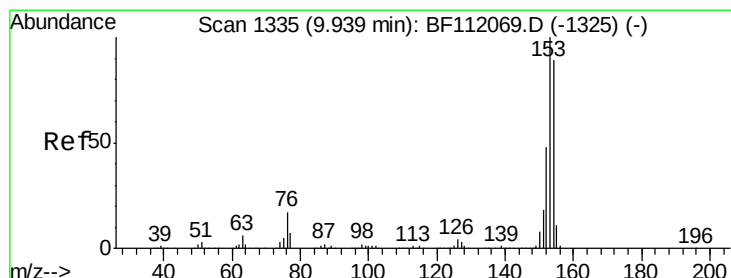
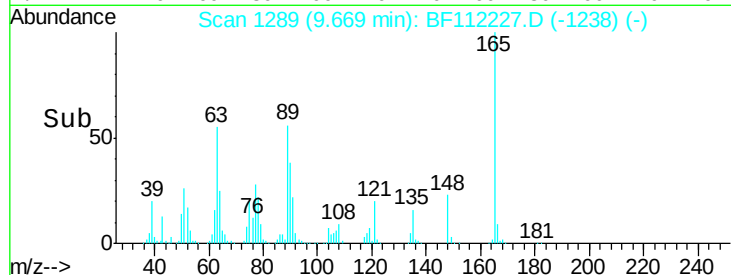
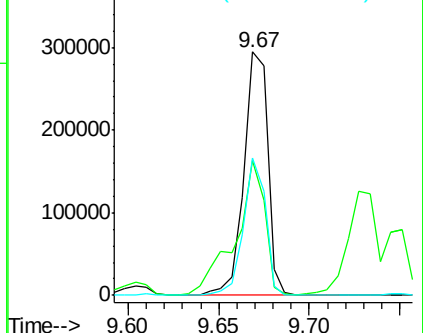
#51
2,6-Dinitrotoluene
Concen: 47.66 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 270132
Ion Ratio Lower Upper
165 100
63 55.6 33.8 50.8#
89 56.2 36.9 55.3#

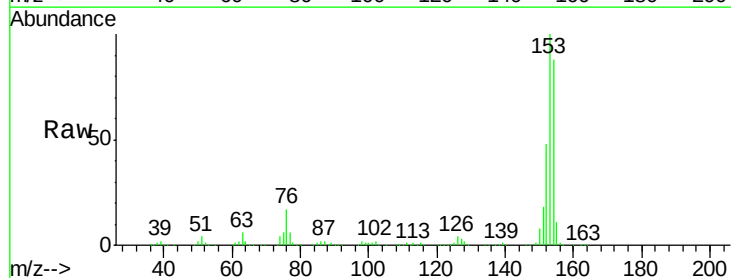


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

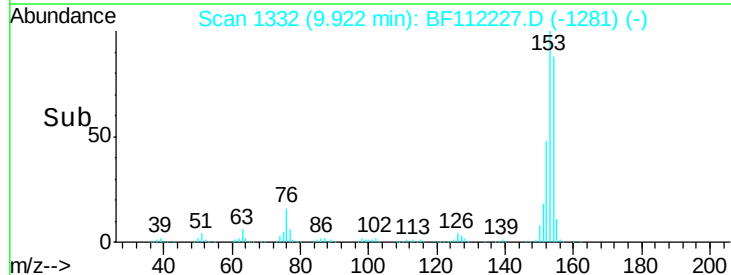
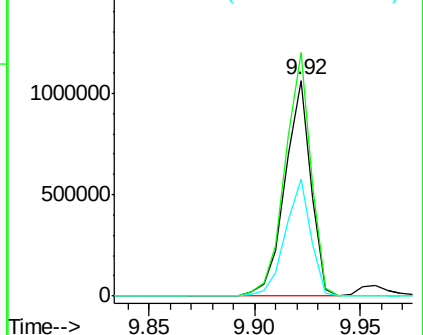


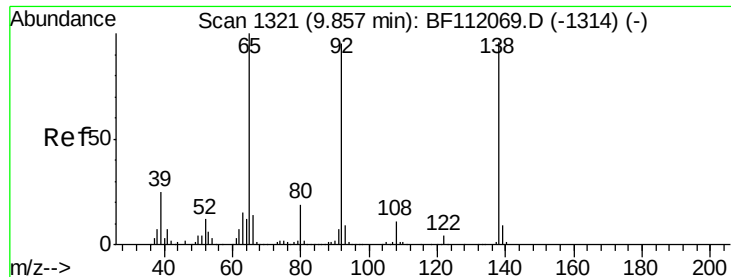
#52
Acenaphthene
Concen: 39.95 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Tgt Ion:154 Resp: 908642
Ion Ratio Lower Upper
154 100
153 113.0 89.8 134.6
152 54.3 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

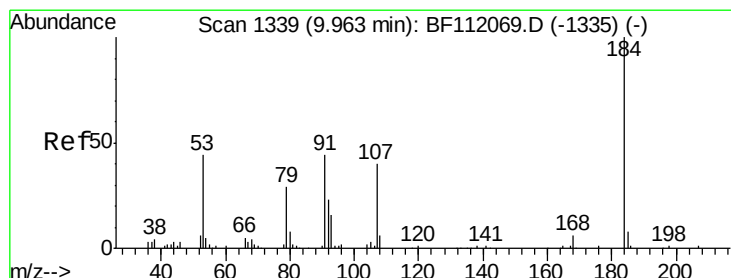
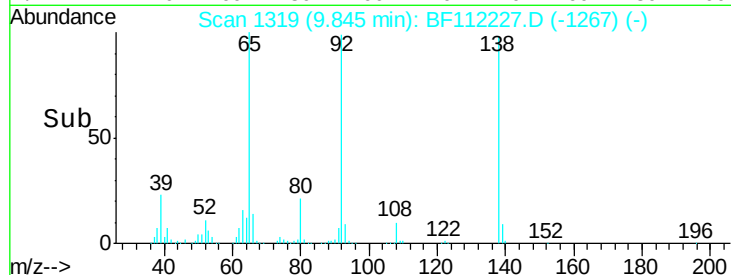
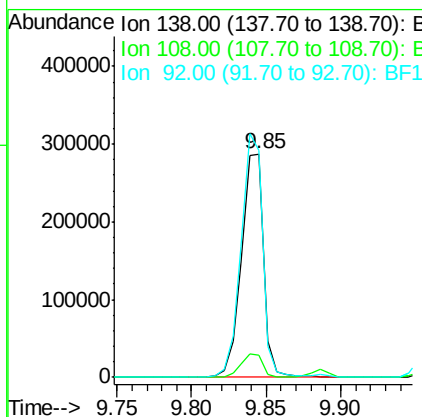
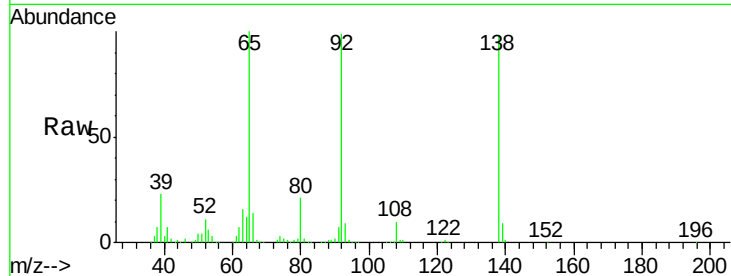




#53
3-Nitroaniline
Concen: 47.11 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

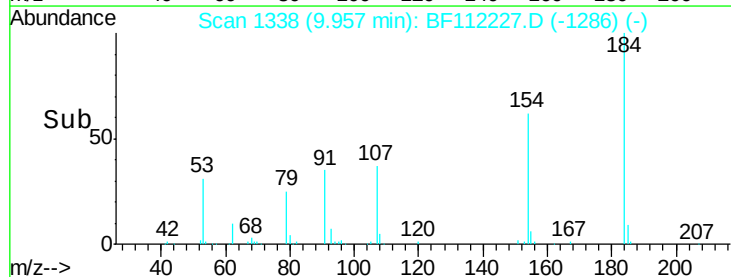
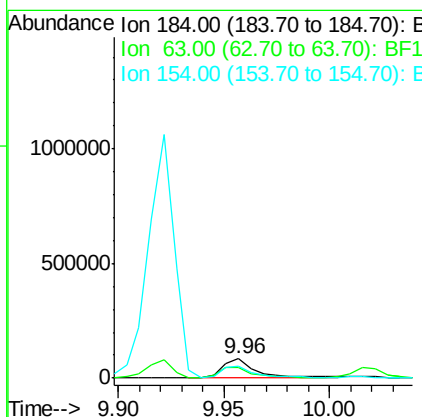
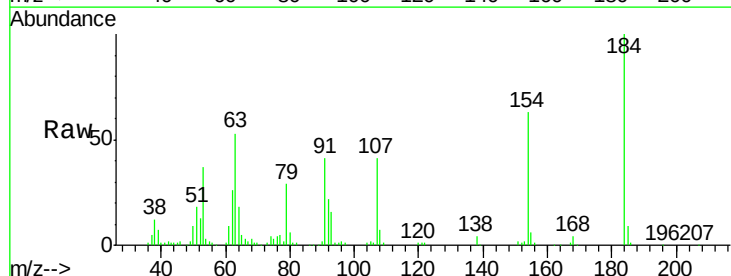
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

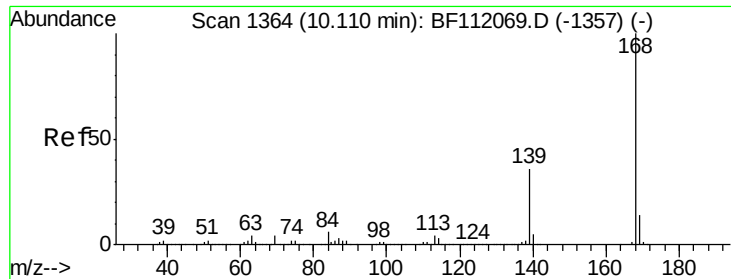
Tot Ion:138 Resp: 298627
Ion Ratio Lower Upper
138 100
108 9.7 9.8 14.6#
92 101.3 79.4 119.2



#54
2,4-Dinitrophenol
Concen: 76.04 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Tgt Ion:184 Resp: 91864
Ion Ratio Lower Upper
184 100
63 53.2 47.1 70.7
154 62.8 48.9 73.3

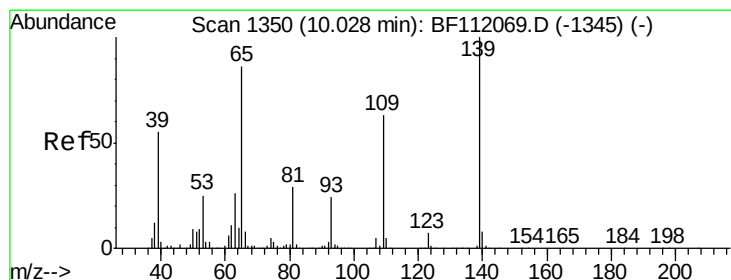
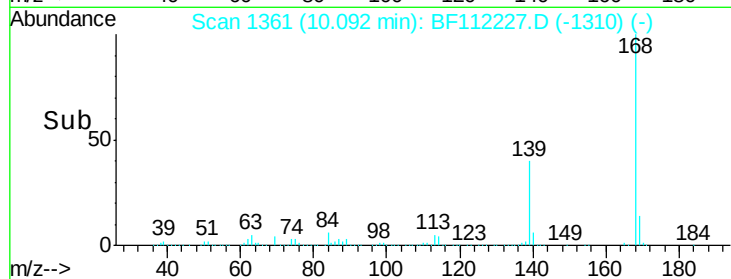
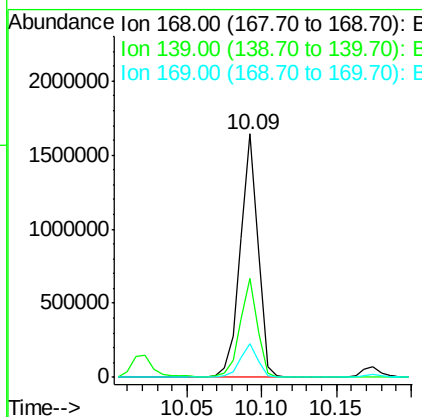
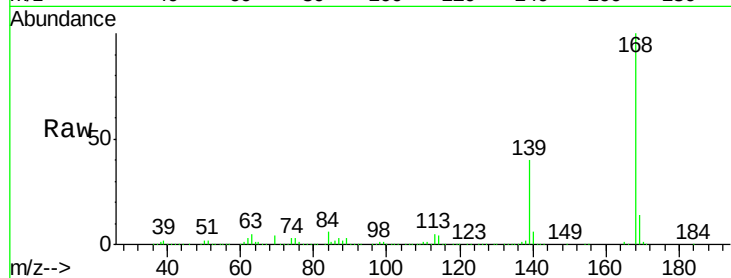




#55
Dibenzenofuran
Concen: 39.69 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

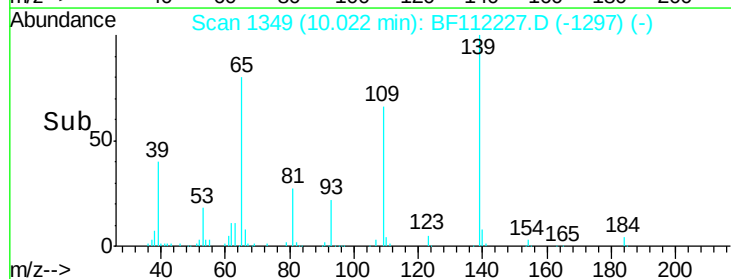
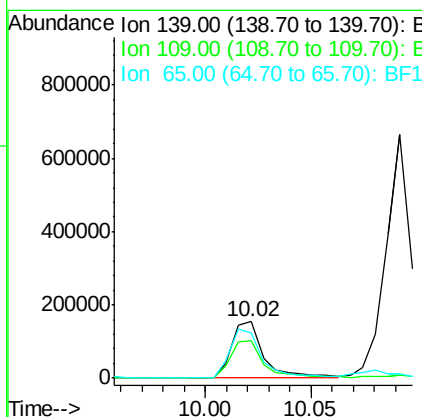
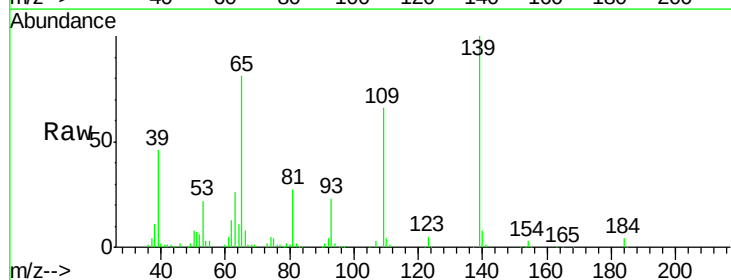
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

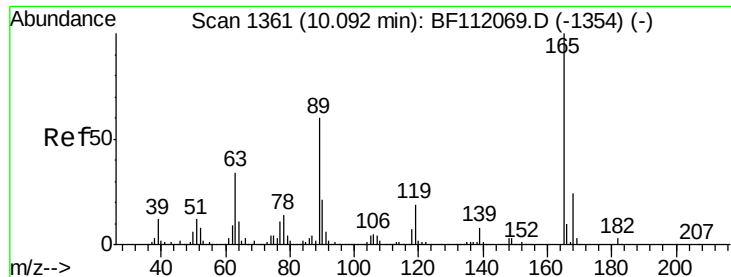
Tot Ion:168 Resp: 1365235
Ion Ratio Lower Upper
168 100
139 40.4 29.2 43.8
169 13.9 11.4 17.0



#56
4-Nitrophenol
Concen: 41.24 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Tgt Ion:139 Resp: 162464
Ion Ratio Lower Upper
139 100
109 65.9 42.8 82.8
65 81.2 66.1 106.1

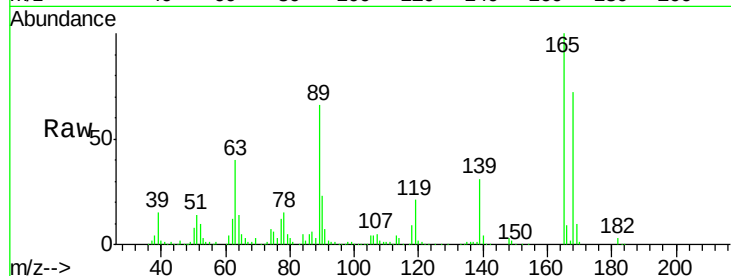




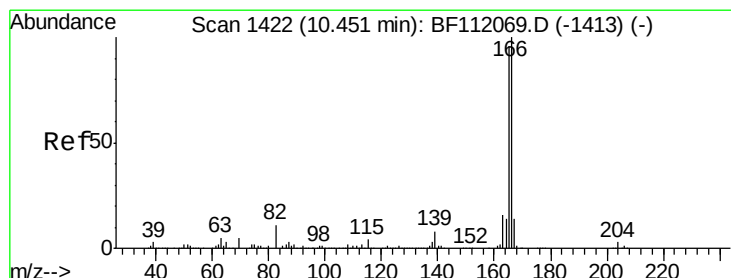
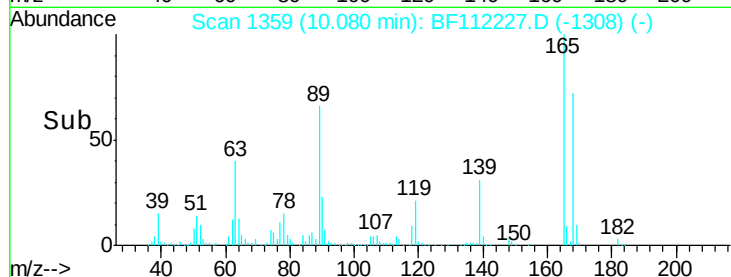
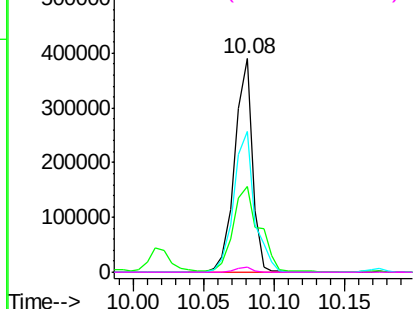
#57
2,4-Dinitrotoluene
Concen: 50.71 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 342486
Ion Ratio Lower Upper
165 100
63 40.2 27.9 41.9
89 66.0 47.9 71.9
182 2.7 2.2 3.4

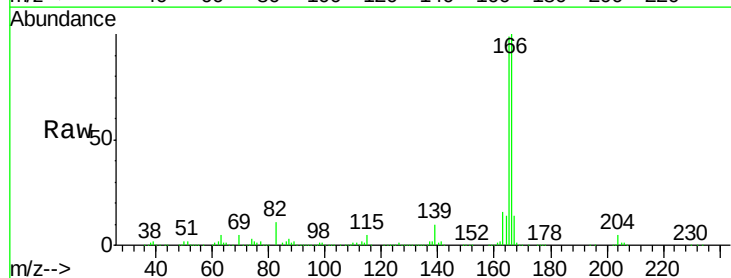


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

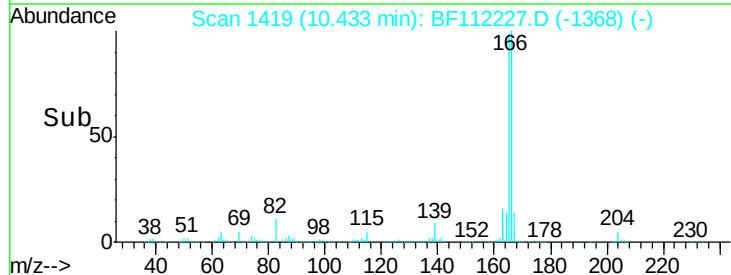
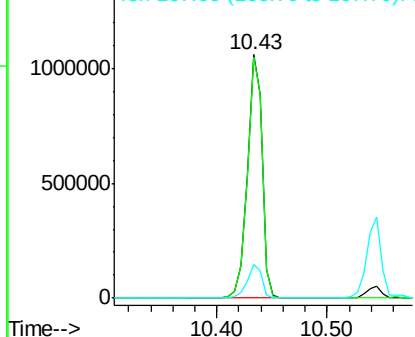


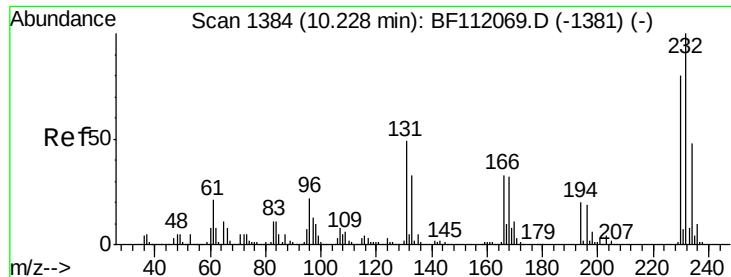
#58
Fluorene
Concen: 38.63 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Tgt Ion:166 Resp: 992731
Ion Ratio Lower Upper
166 100
165 98.8 77.1 115.7
167 13.8 11.3 16.9



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

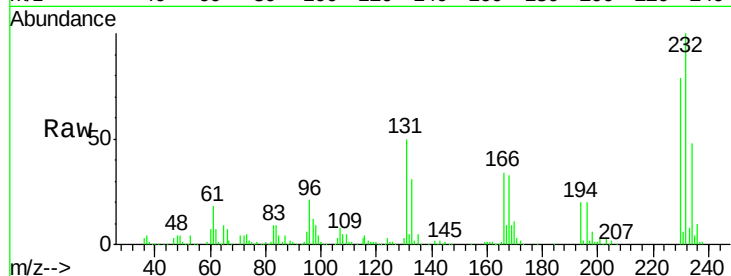




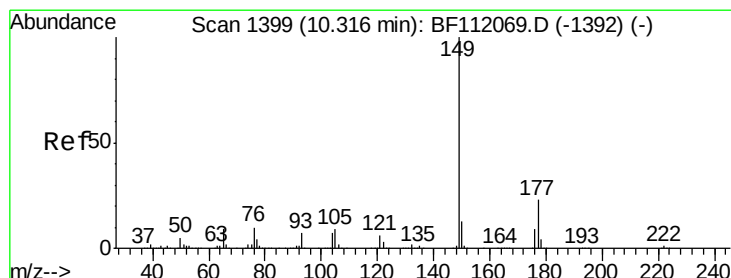
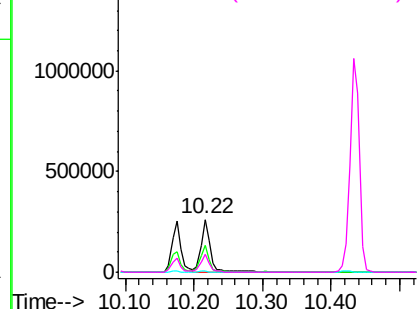
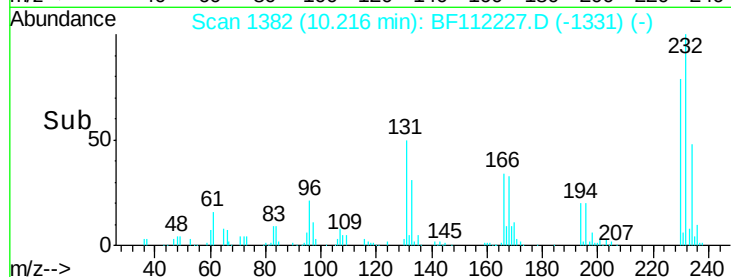
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.51 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	232	Resp:	255455
Ion	Ratio	Lower	Upper
232	100		
131	46.0	33.9	50.9
130	2.2	1.8	2.6
166	29.7	23.6	35.4

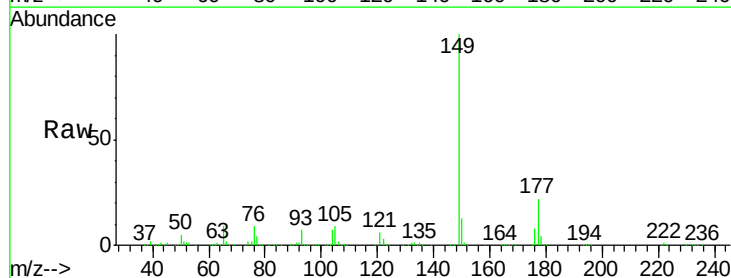


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

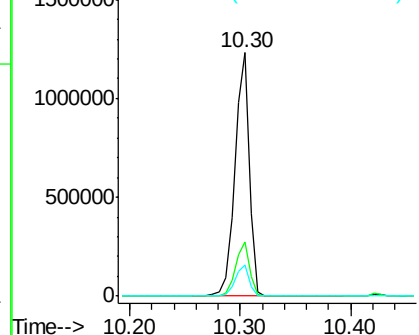
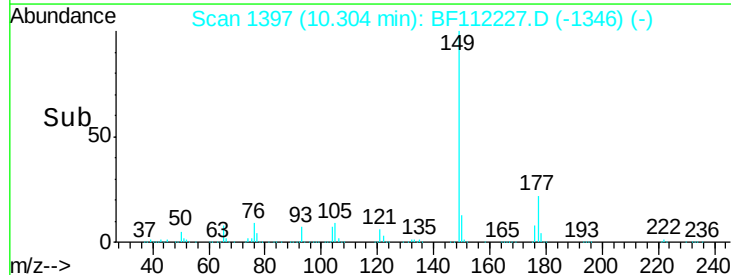


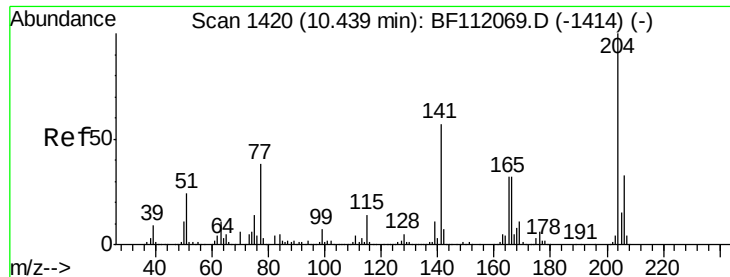
#60
Diethylphthalate
Concen: 40.55 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Tgt Ion:	149	Resp:	1123335
Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.2	27.2
150	12.5	10.4	15.6



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

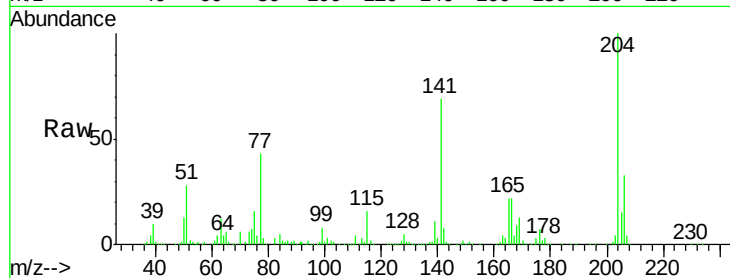




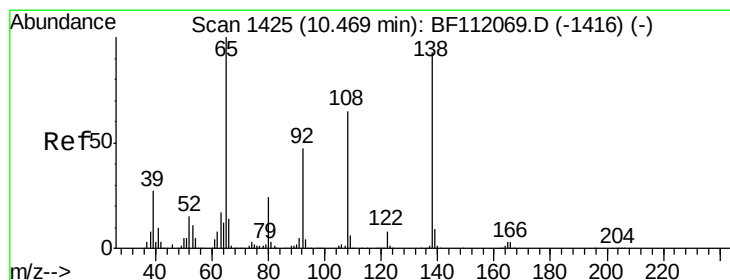
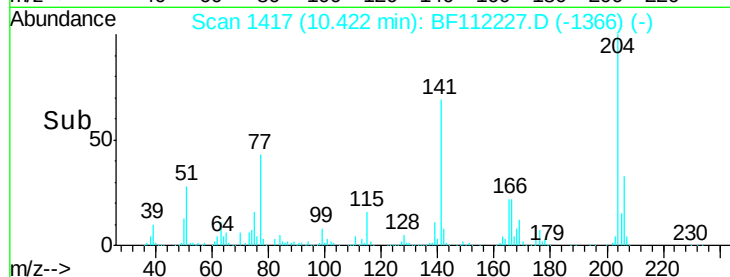
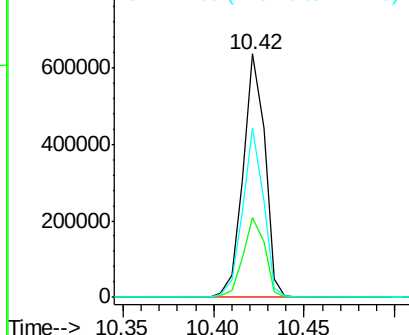
#61
4-Chlorophenyl-phenylether
Concen: 38.40 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 532552
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 69.3 45.9 68.9#

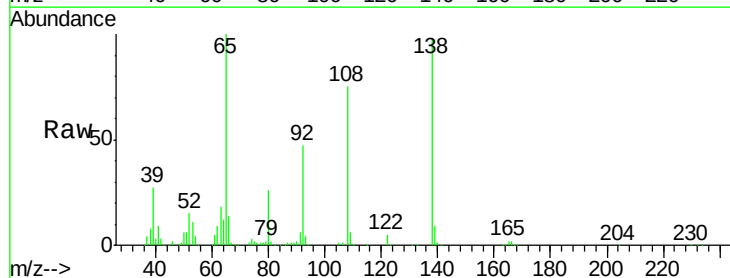


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

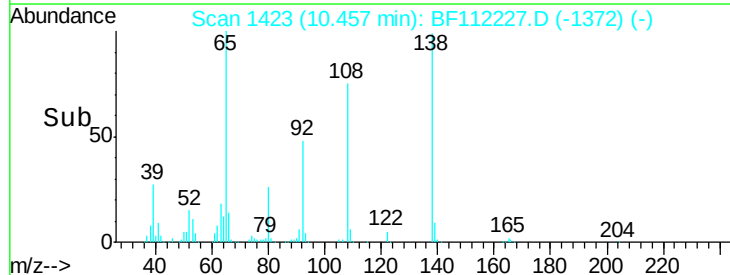
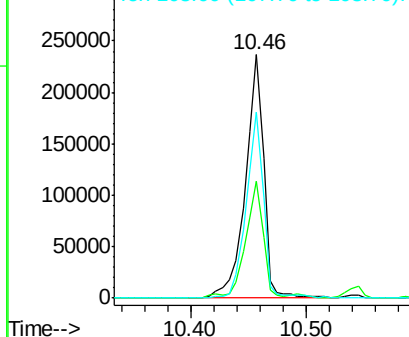


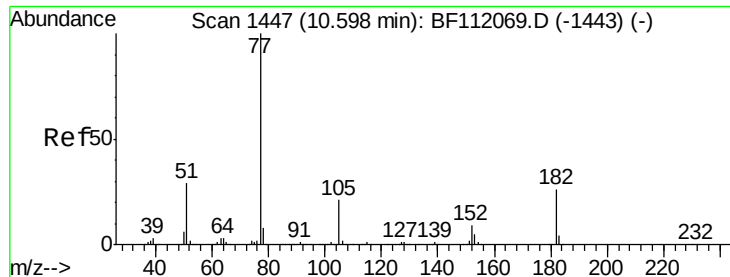
#62
4-Nitroaniline
Concen: 41.24 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Tgt Ion:138 Resp: 259569
Ion Ratio Lower Upper
138 100
92 48.3 30.6 70.6
108 76.3 50.0 90.0



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





#63

Azobenzene

Concen: 35.97 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 954424

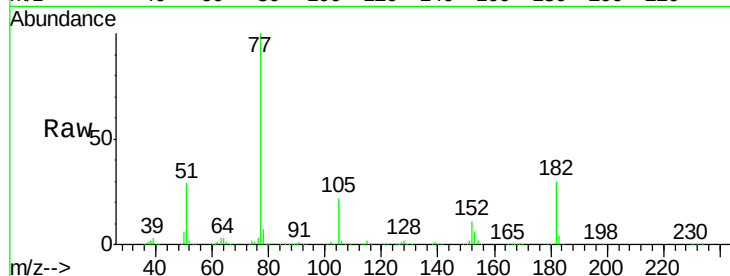
Ion Ratio Lower Upper

77 100

182 29.7 5.7 45.7

105 22.1 1.4 41.4

51 29.1 9.5 49.5

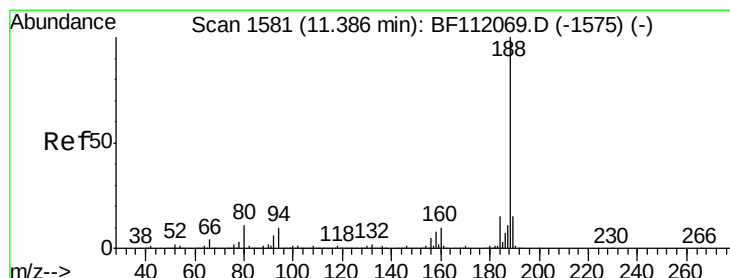
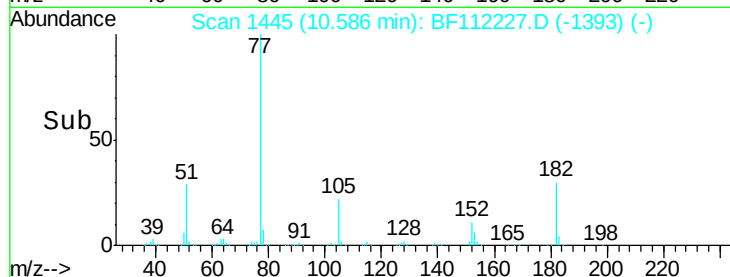
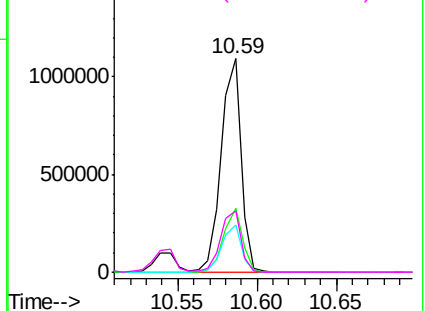


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 20.00 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

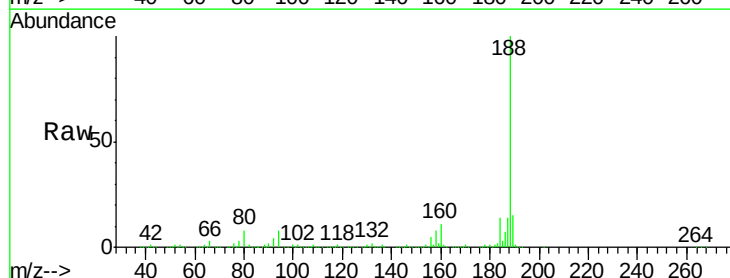
Tgt Ion: 188 Resp: 584576

Ion Ratio Lower Upper

188 100

94 7.7 8.2 12.2#

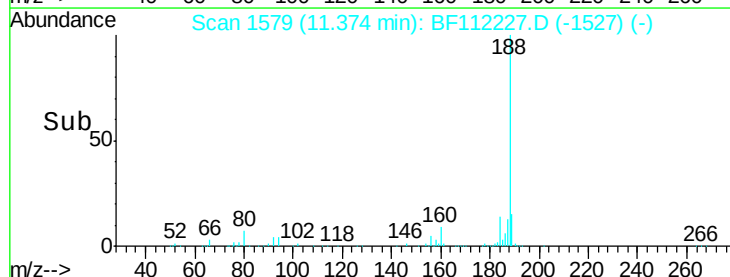
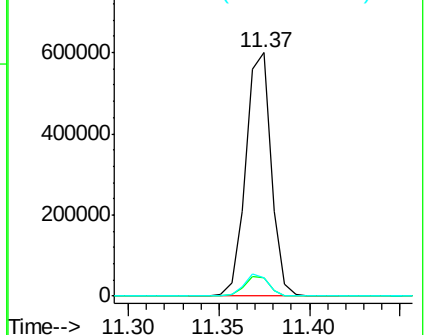
80 7.7 8.9 13.3#

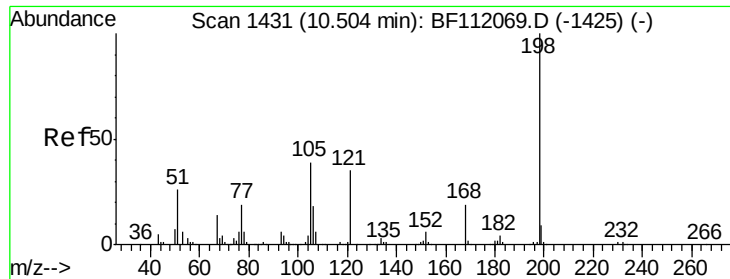


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

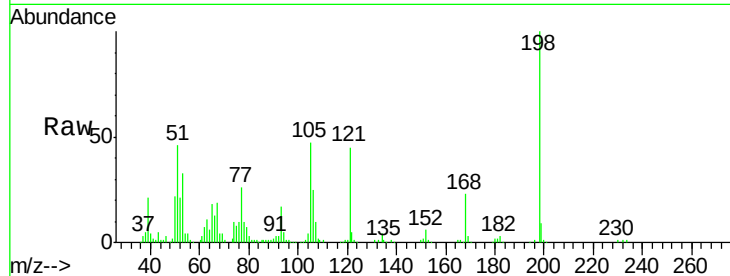




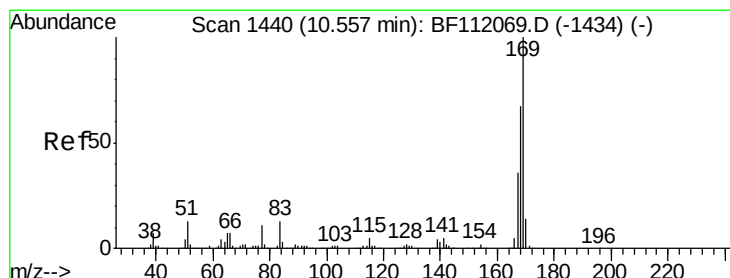
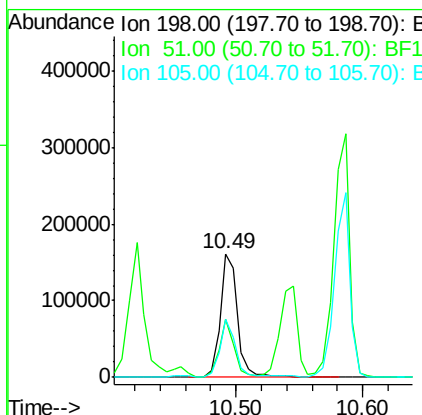
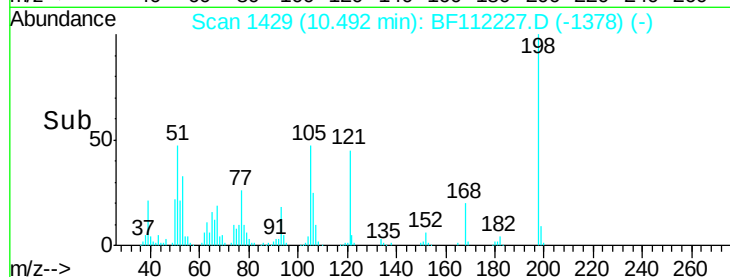
#65
4,6-Dinitro-2-methylphenol
Concen: 74.49 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 154402
Ion Ratio Lower Upper
198 100
51 46.5 17.2 57.2
105 46.7 21.9 61.9

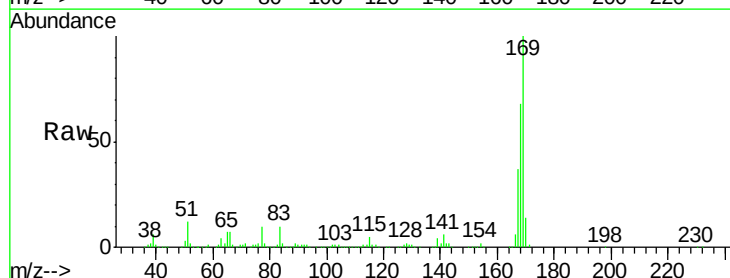


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

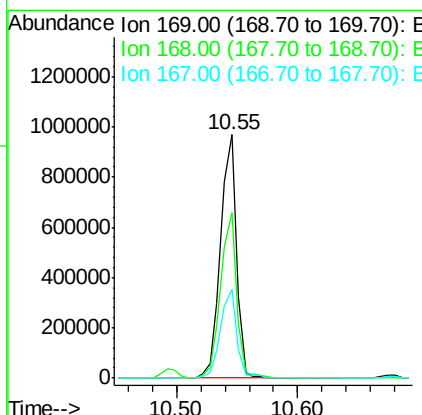
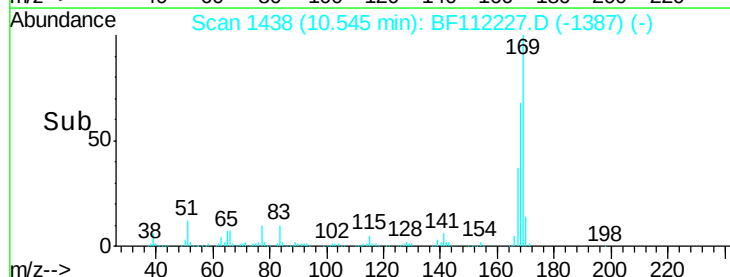


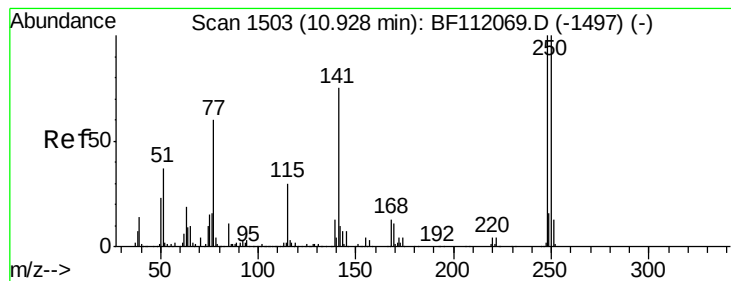
#66
n-Nitrosodiphenylamine
Concen: 45.47 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Tgt Ion:169 Resp: 878700
Ion Ratio Lower Upper
169 100
168 67.9 53.9 80.9
167 36.7 28.9 43.3



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





#67

4-Bromophenyl-phenylether

Concen: 40.99 ng

RT: 10.91 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

Instrument :

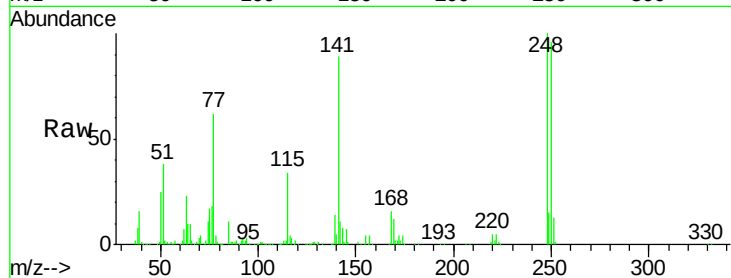
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:248 Resp: 278354

Ion	Ratio	Lower	Upper
248	100		
250	96.2	79.7	119.5
141	88.7	60.3	90.5

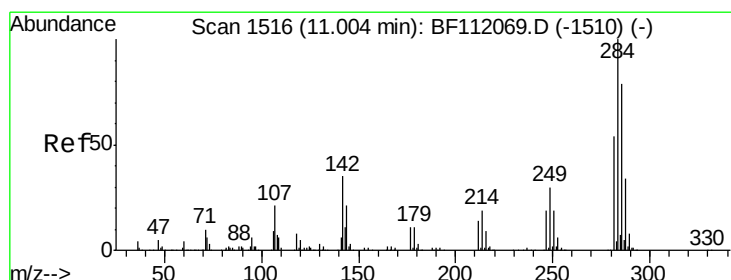
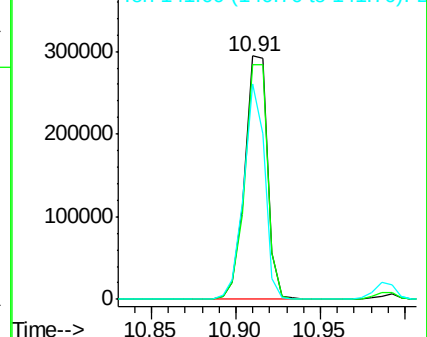
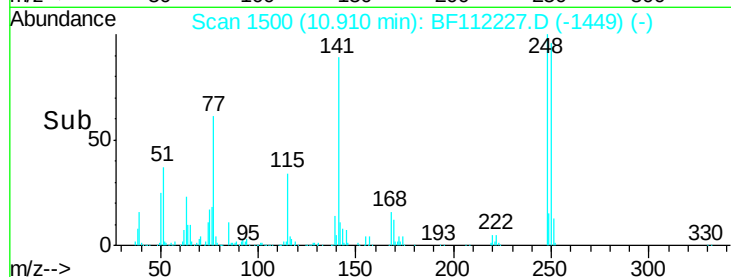


Abundance

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: 40.36 ng

RT: 10.99 min Scan# 1514

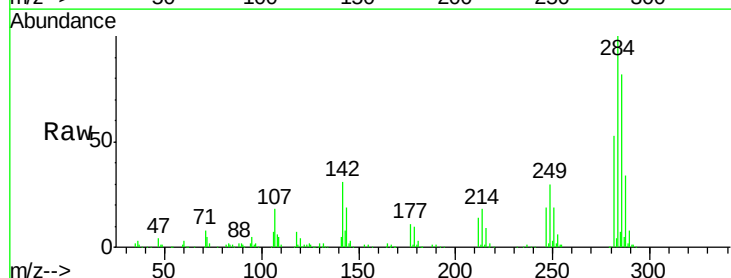
Delta R.T. 0.01 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

Tgt Ion:284 Resp: 295197

Ion	Ratio	Lower	Upper
284	100		
142	31.4	27.6	41.4
249	30.5	24.1	36.1

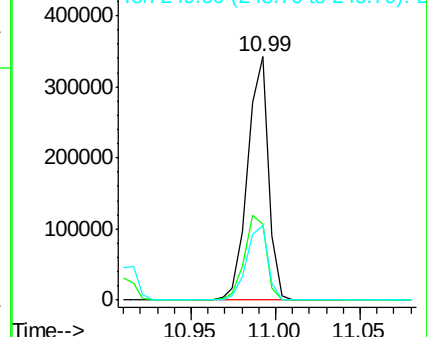
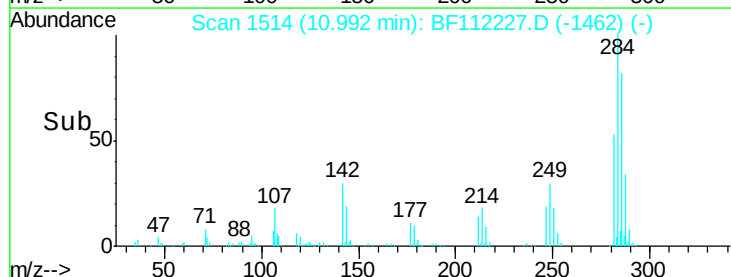


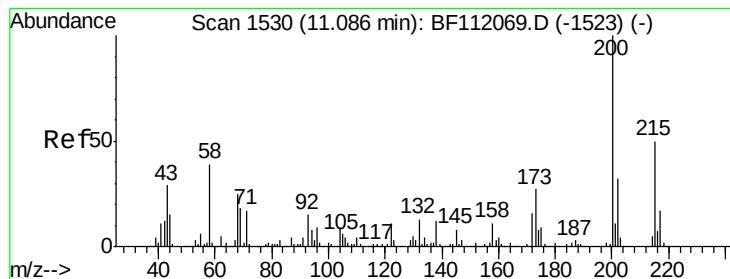
Abundance

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

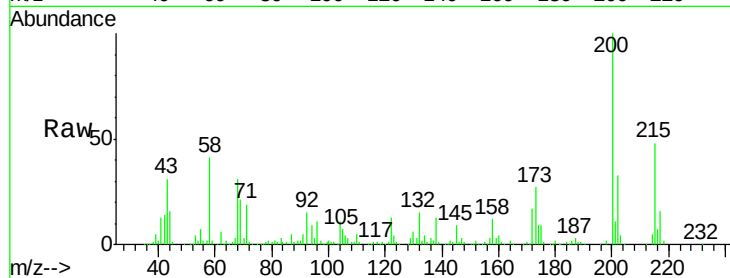




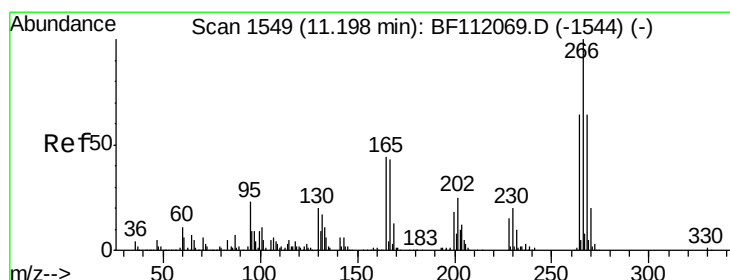
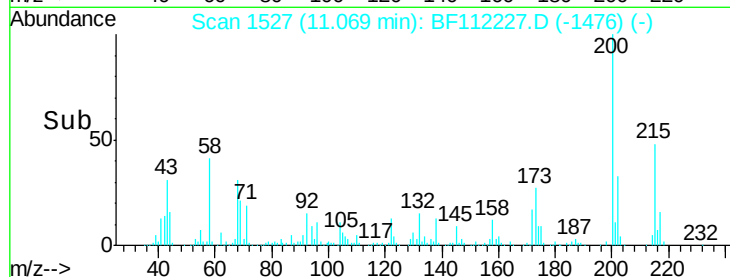
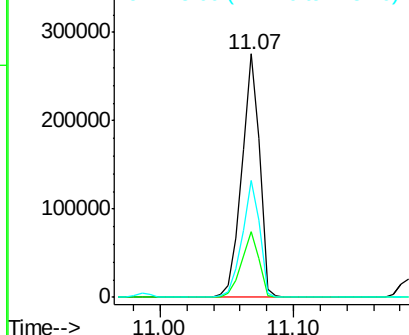
#69
Atrazine
Concen: 40.84 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.1	47.1
215	47.9	30.4	70.4

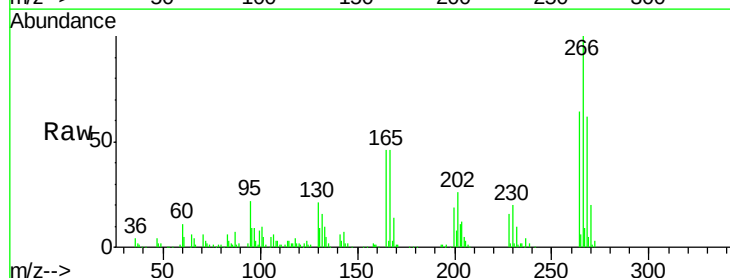


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

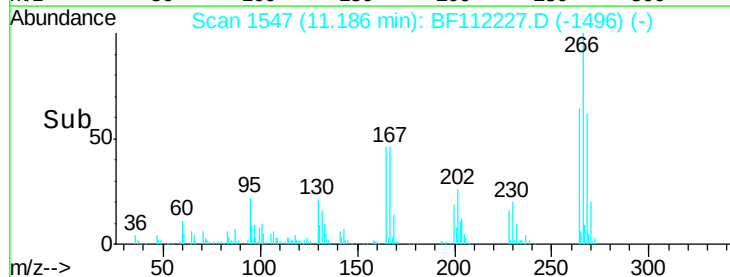
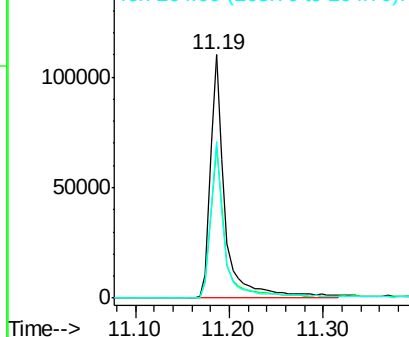


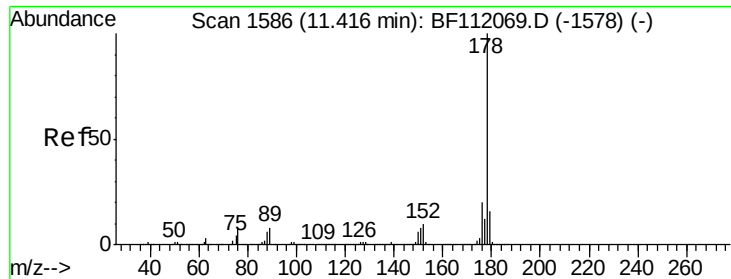
#70
Pentachlorophenol
Concen: 40.70 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.1	51.2	76.8
264	64.4	50.9	76.3



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

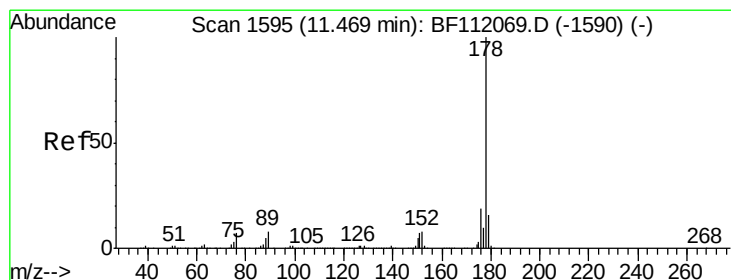
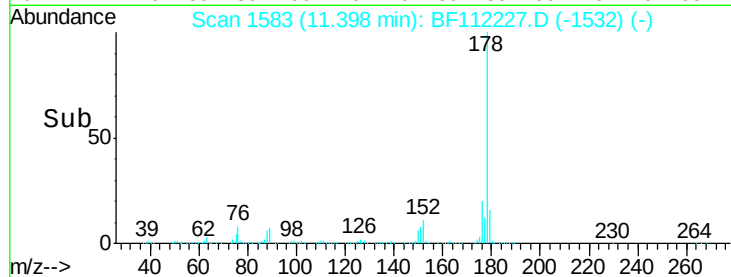
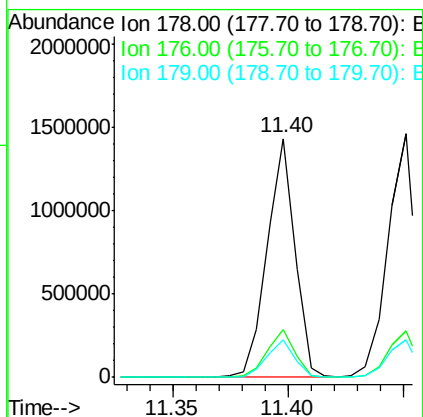
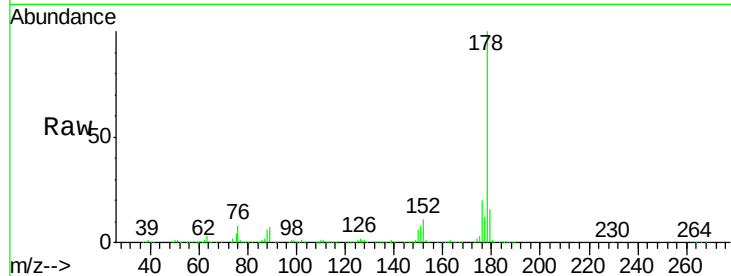




#71
Phenanthrene
Concen: 40.85 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

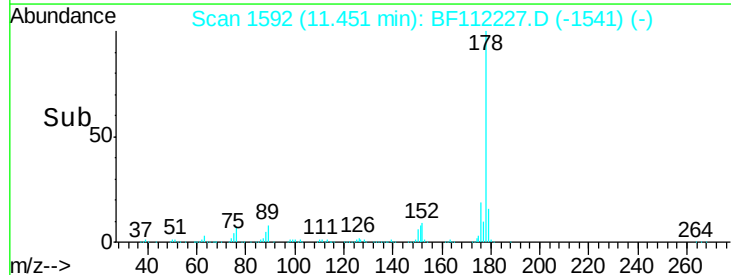
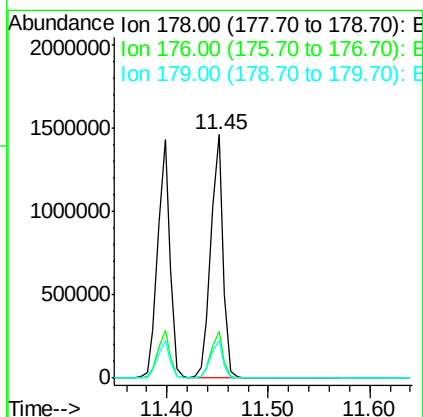
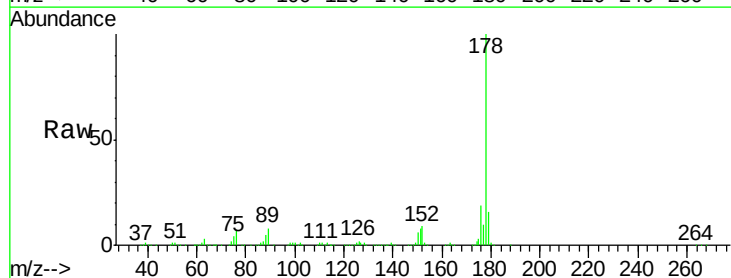
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

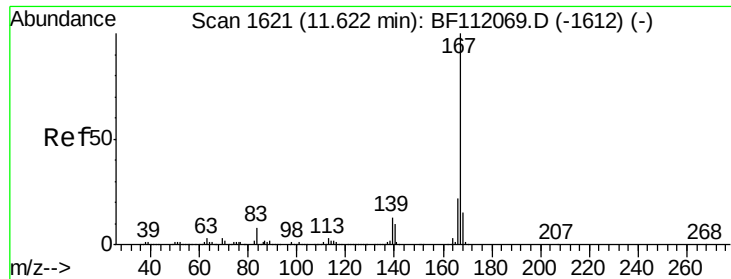
Tot Ion:178 Resp: 1201791
Ion Ratio Lower Upper
178 100
176 19.8 16.3 24.5
179 15.9 13.0 19.4



#72
Anthracene
Concen: 41.20 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Tgt Ion:178 Resp: 1227882
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.7 12.8 19.2

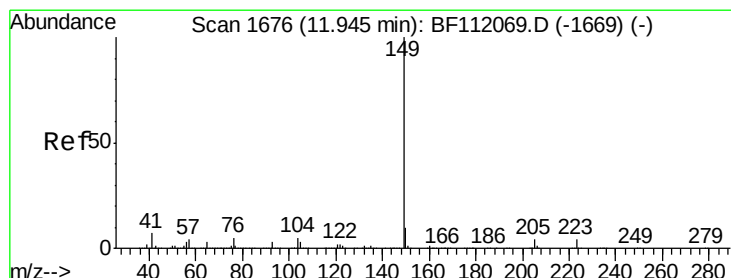
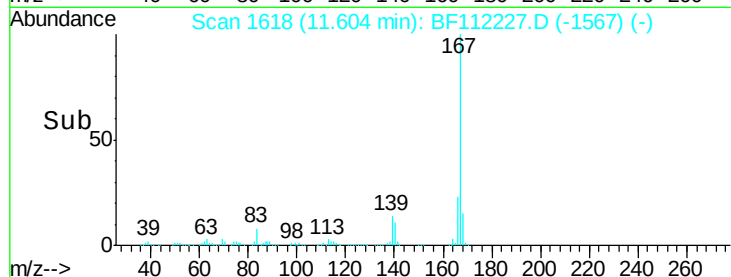
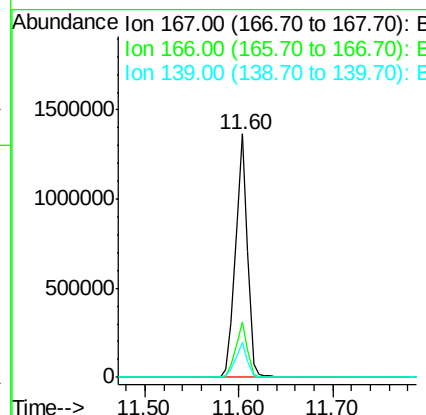
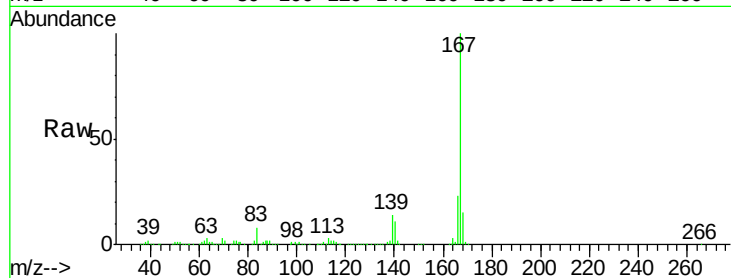




#73
 Carbazole
 Concen: 40.72 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BF112227.D
 Acq: 25 Jan 2019 12:25

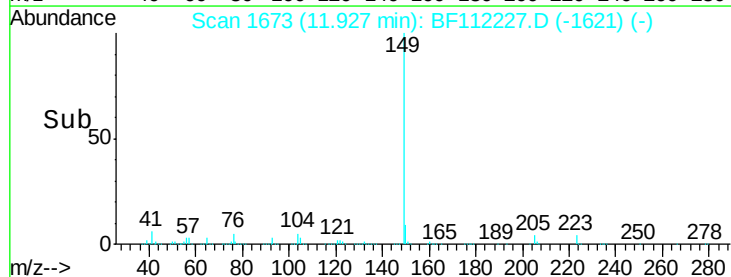
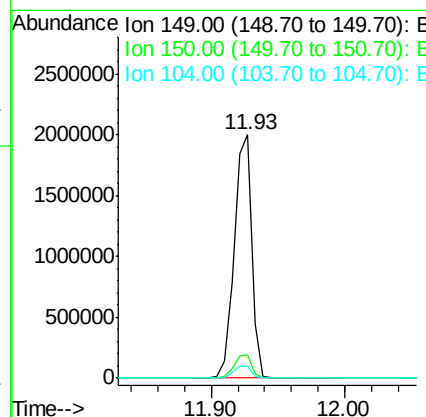
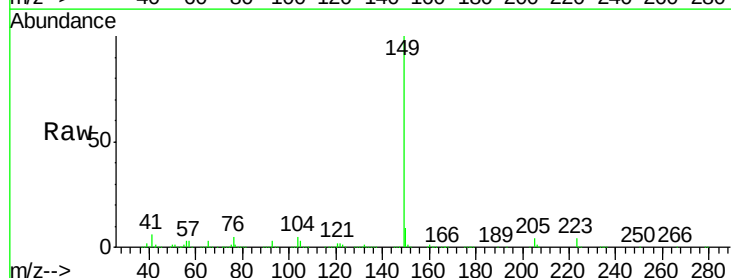
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

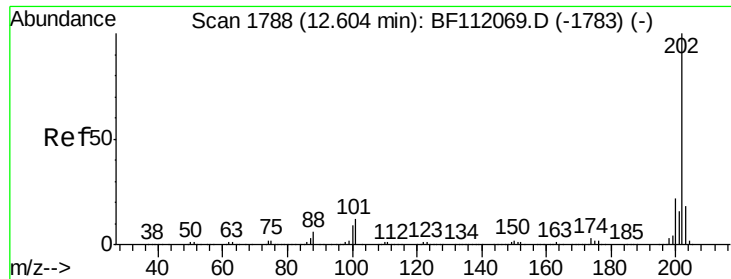
Tot Ion:167 Resp: 1215572
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.9 26.9
 139 14.2 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 55.32 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. 0.01 min
 Lab File: BF112227.D
 Acq: 25 Jan 2019 12:25

Tgt Ion:149 Resp: 1857873
 Ion Ratio Lower Upper
 149 100
 150 9.4 8.1 12.1
 104 4.8 3.9 5.9

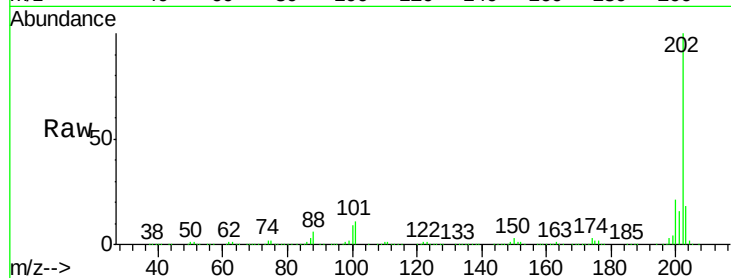




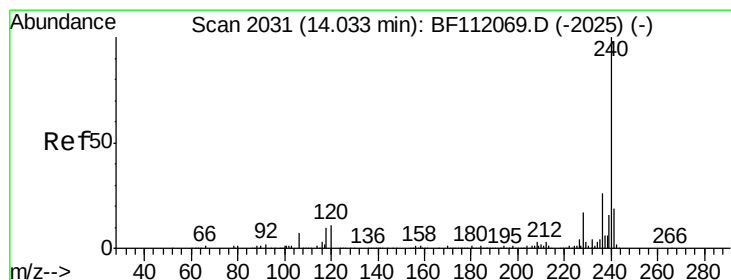
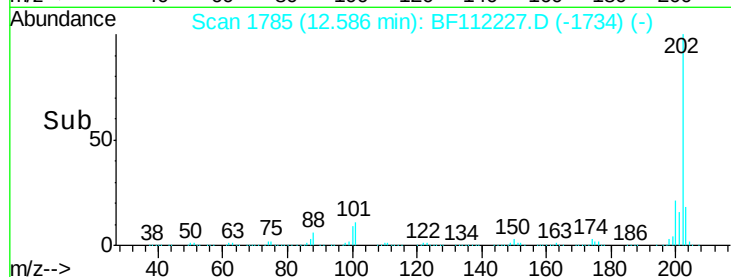
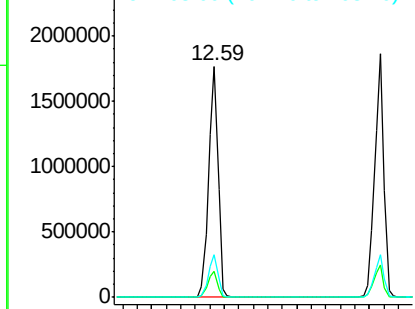
#75
 Fluoranthene
 Concen: 51.63 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BF112227.D
 Acq: 25 Jan 2019 12:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:202 Resp: 1603827
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 31.8
 203 18.2 0.0 38.4

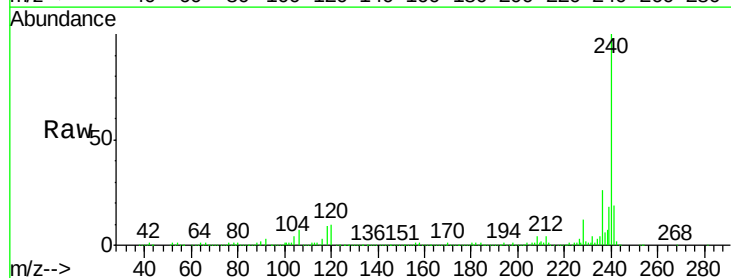


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

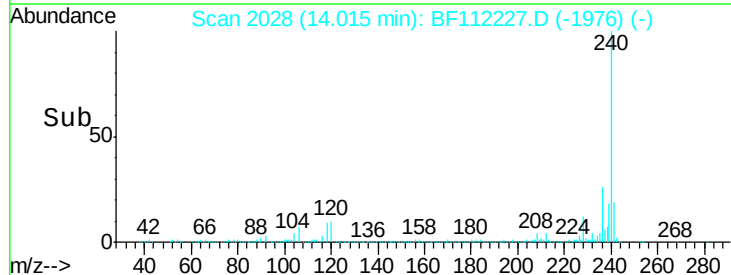
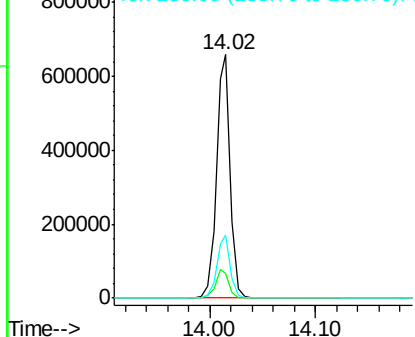


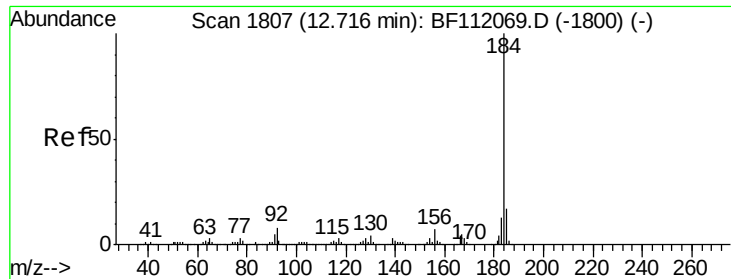
#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF112227.D
 Acq: 25 Jan 2019 12:25

Tgt Ion:240 Resp: 605643
 Ion Ratio Lower Upper
 240 100
 120 10.3 9.0 13.6
 236 26.1 20.7 31.1



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: 36.93 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

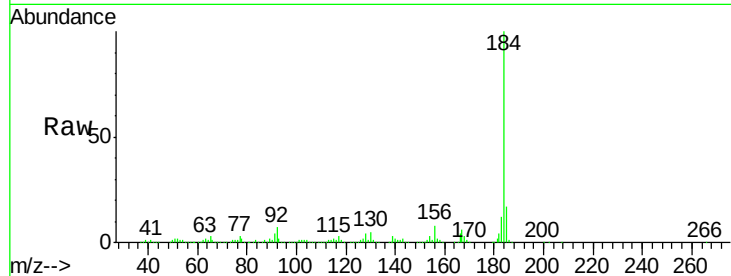
Tot Ion:184 Resp: 746249

Ion Ratio Lower Upper

184 100

185 17.3 13.9 20.9

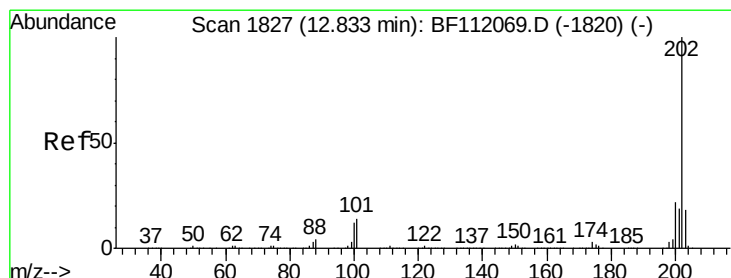
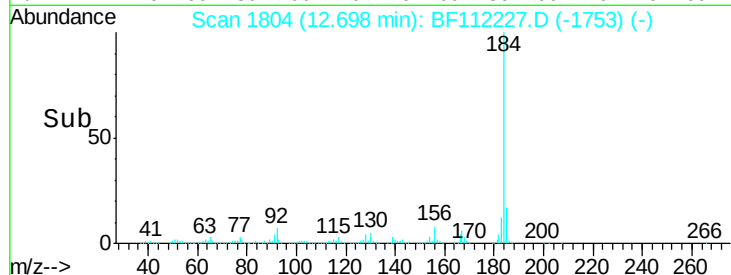
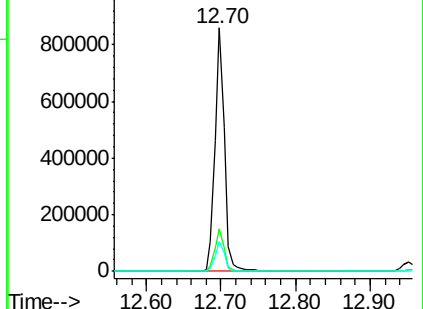
183 12.4 10.0 15.0



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: 41.31 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

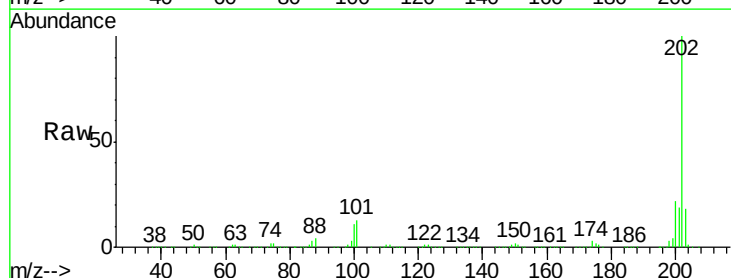
Tgt Ion:202 Resp: 1650518

Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

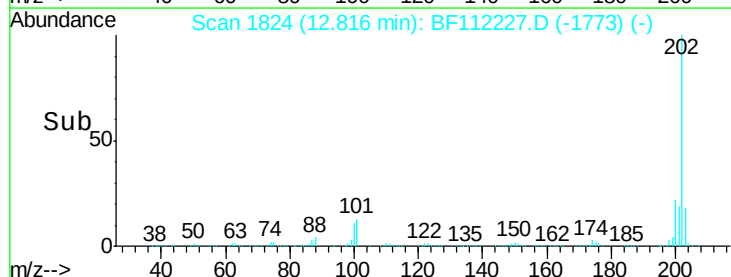
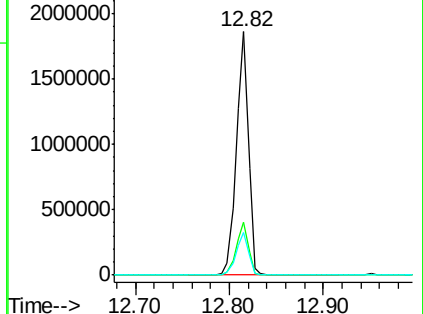
203 17.8 14.6 22.0

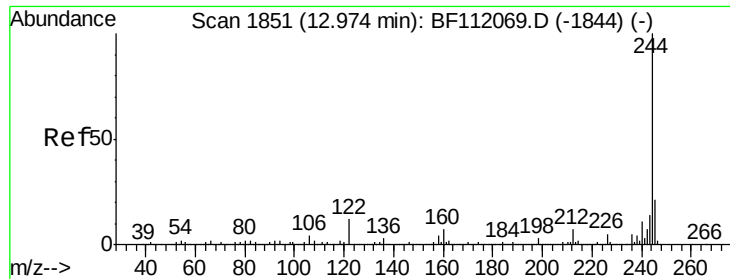


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.02 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

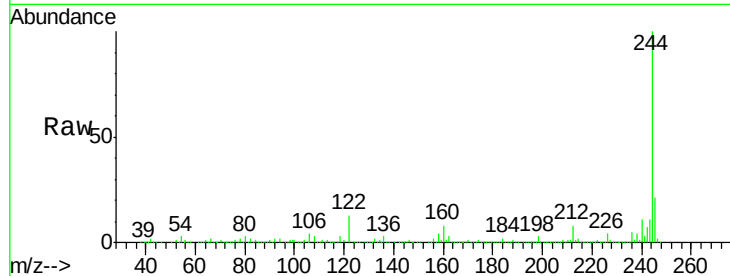
Tot Ion:244 Resp: 2391946

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

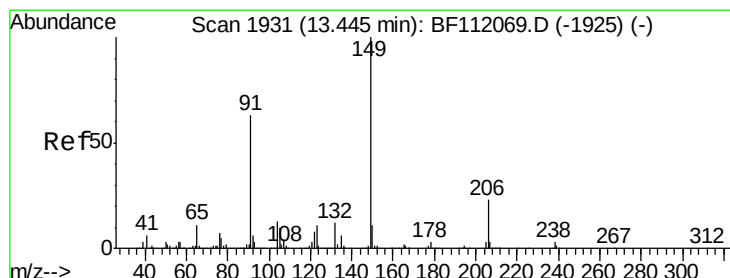
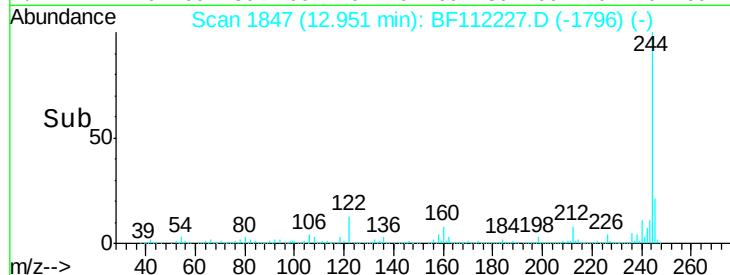
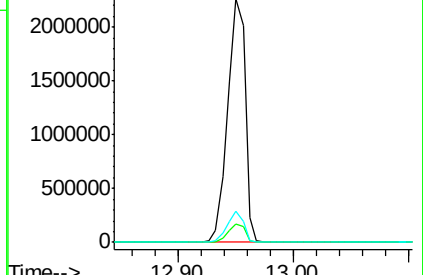
122 12.7 9.8 14.6



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: 45.59 ng

RT: 13.42 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

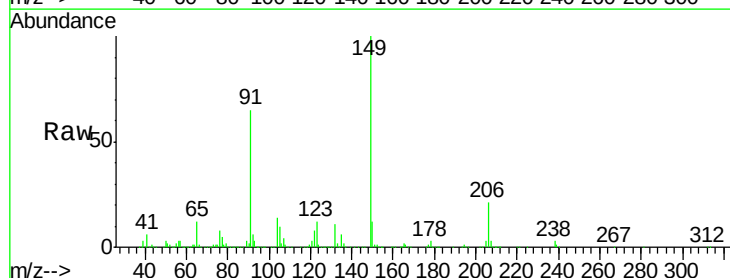
Tgt Ion:149 Resp: 799124

Ion Ratio Lower Upper

149 100

91 65.2 50.3 75.5

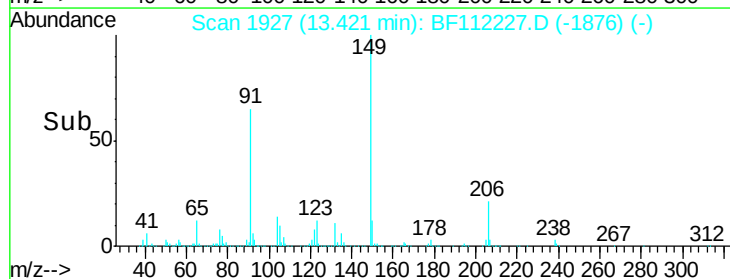
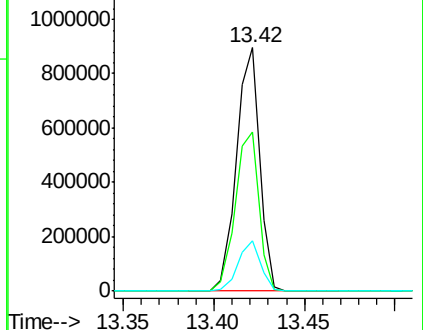
206 20.8 18.2 27.4

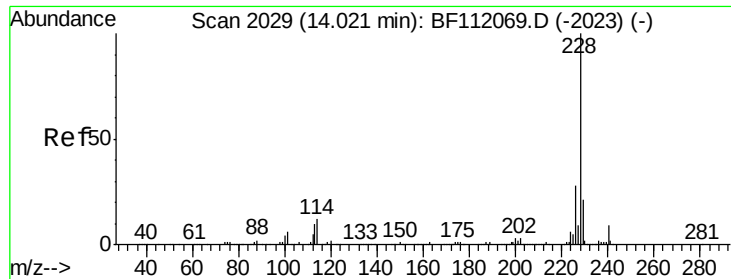


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

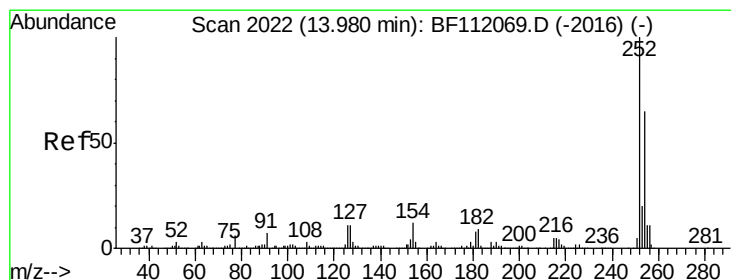
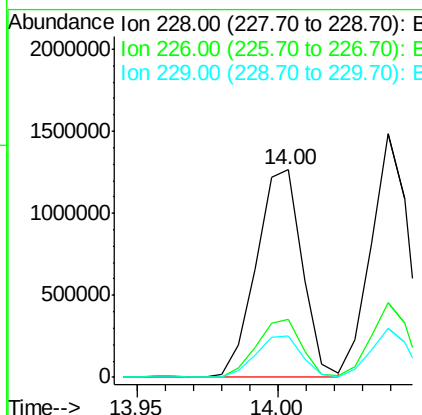
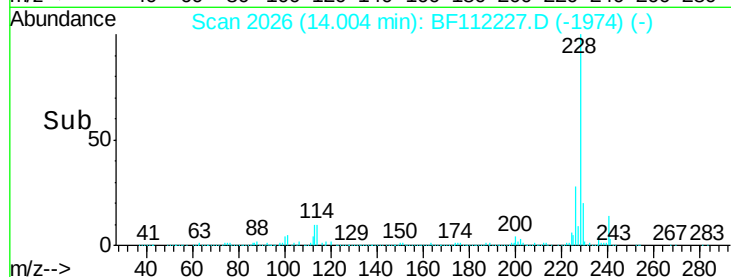
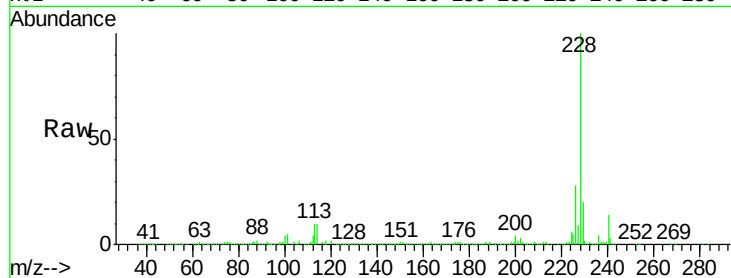




#81
Benzo(a)anthracene
Concen: 41.15 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

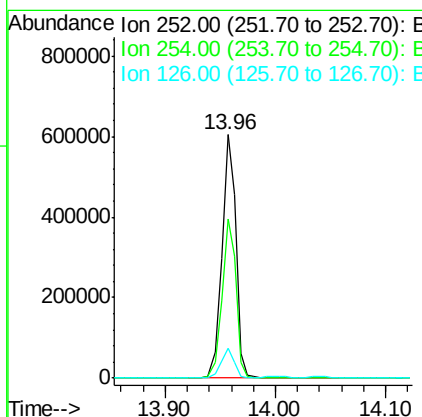
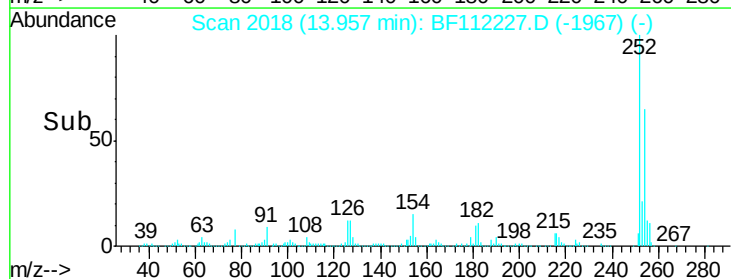
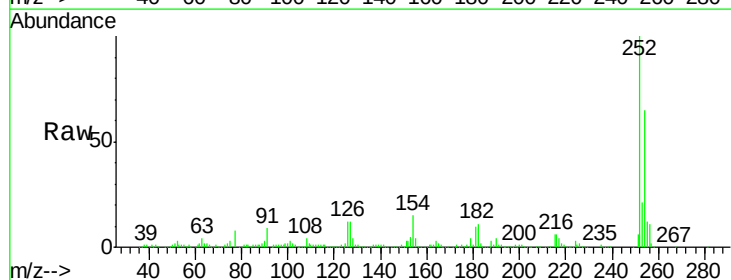
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

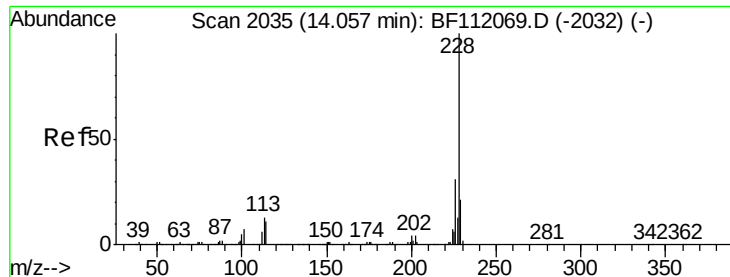
Tot Ion:228 Resp: 1429054
Ion Ratio Lower Upper
228 100
226 27.9 22.6 34.0
229 19.8 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 40.98 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Tgt Ion:252 Resp: 532915
Ion Ratio Lower Upper
252 100
254 65.5 51.6 77.4
126 12.5 8.6 12.8





#83

Chrysene

Concen: 40.61 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

Instrument :

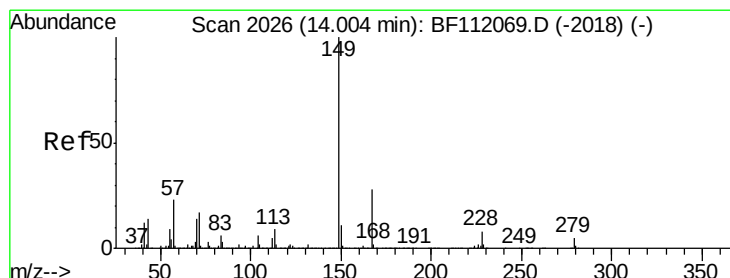
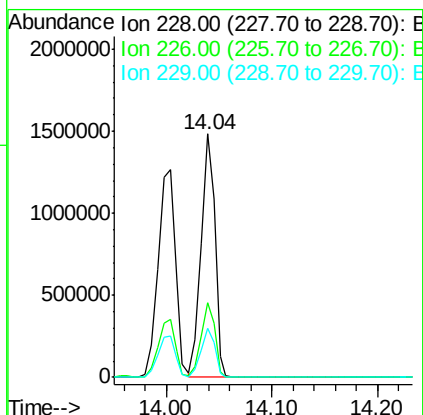
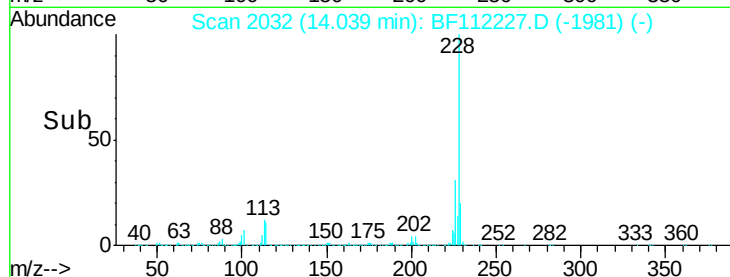
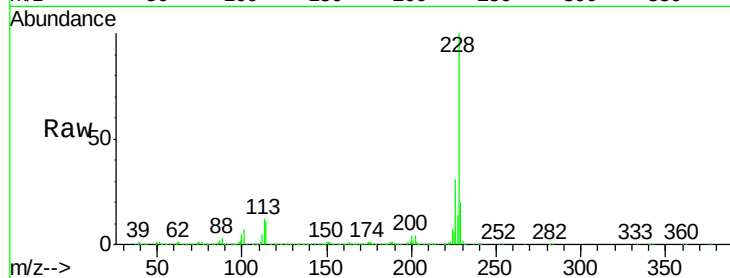
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1334265

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.1	16.6	24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.02 ng

RT: 13.97 min Scan# 2021

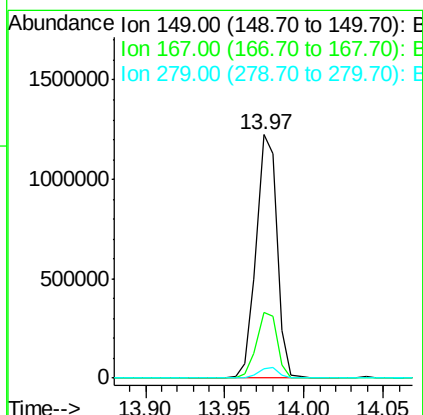
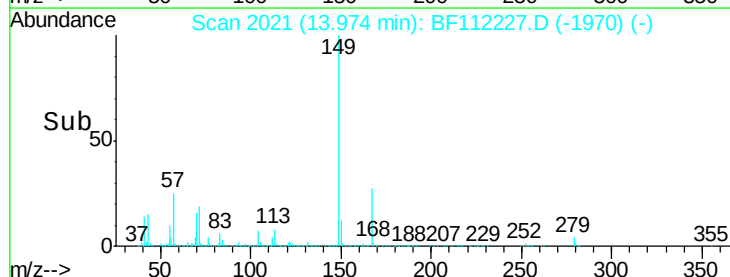
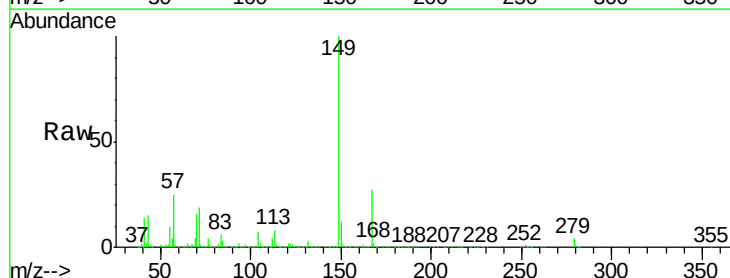
Delta R.T. 0.00 min

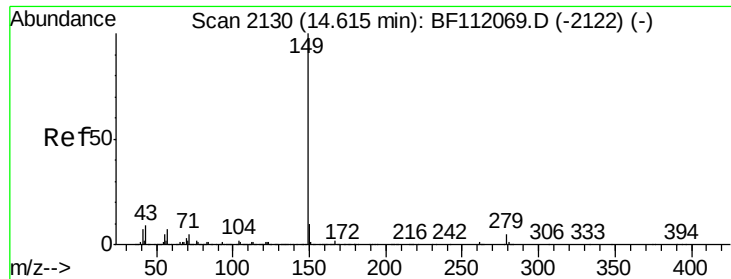
Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

Tgt Ion:149 Resp: 1131073

Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.5	33.7
279	3.8	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 44.98 ng

RT: 14.59 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

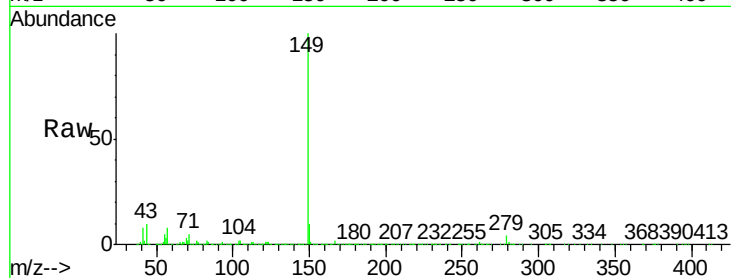
Tot Ion:149 Resp: 1740924

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

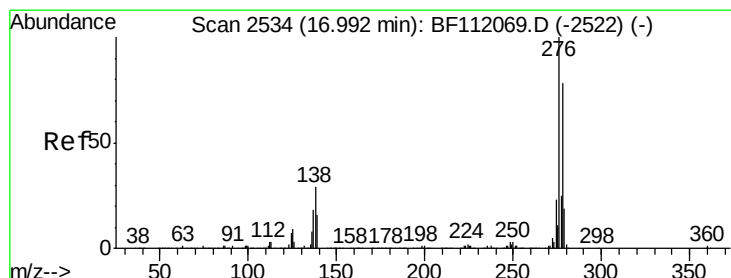
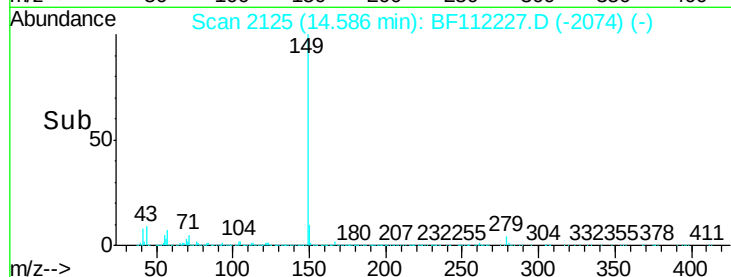
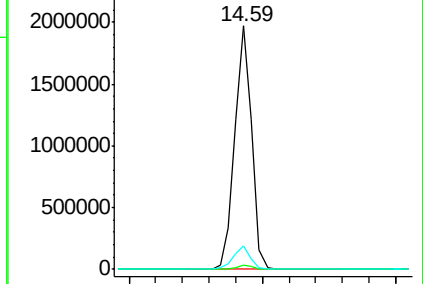
43 9.2 7.8 11.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.02 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.01 min

Lab File: BF112227.D

Acq: 25 Jan 2019 12:25

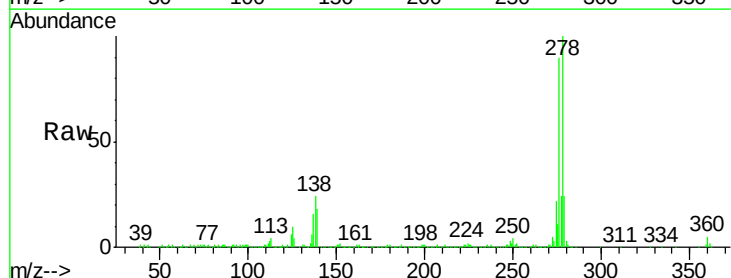
Tgt Ion:276 Resp: 1001125

Ion Ratio Lower Upper

276 100

138 26.1 22.6 34.0

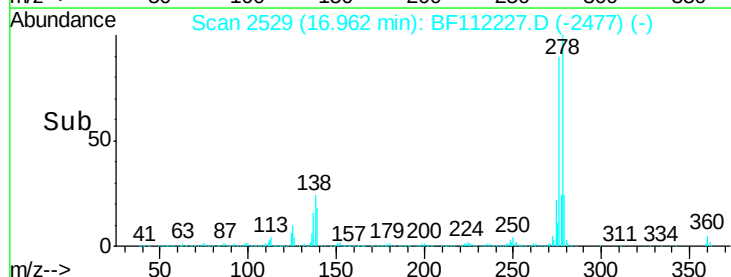
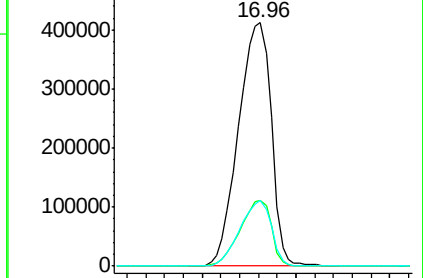
277 25.9 20.3 30.5

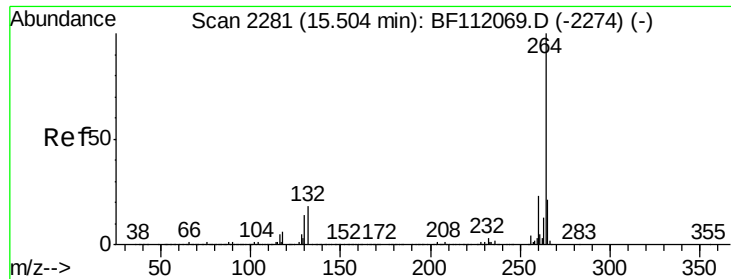


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

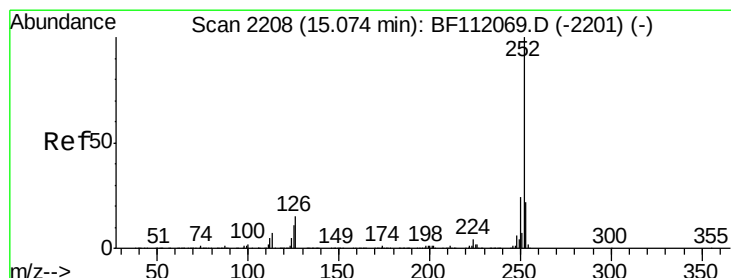
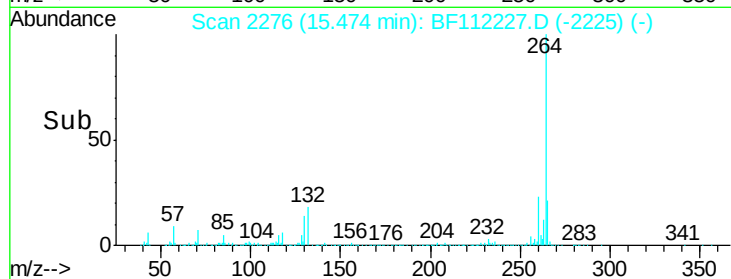
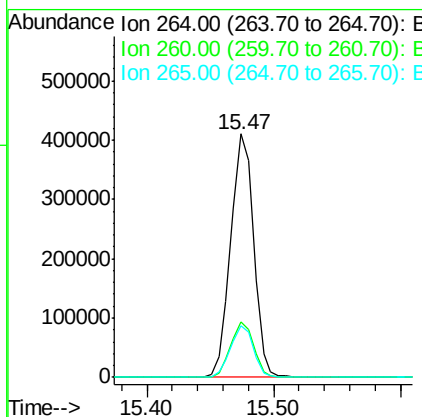
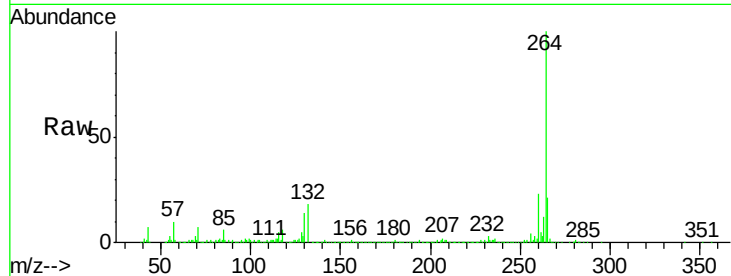




#87
Pervlene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

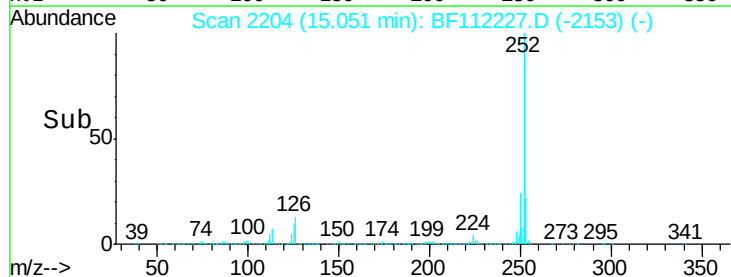
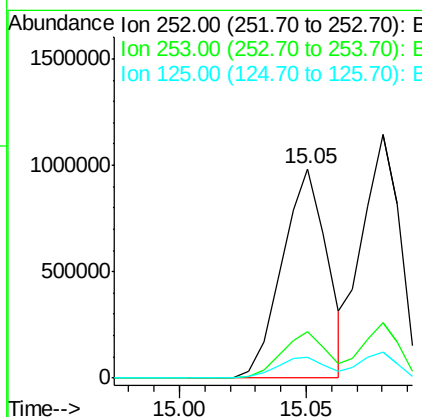
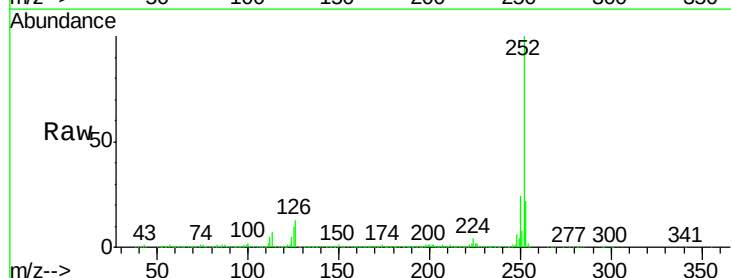
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

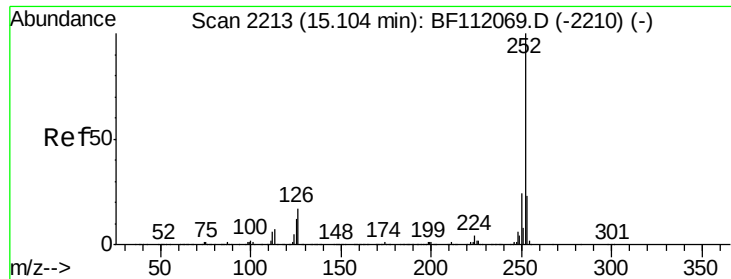
Tot Ion:264 Resp: 513919
Ion Ratio Lower Upper
264 100
260 22.8 18.2 27.2
265 21.3 17.0 25.4



#88
Benzo(b)fluoranthene
Concen: 41.62 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Tgt Ion:252 Resp: 1214087
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 10.3 8.7 13.1

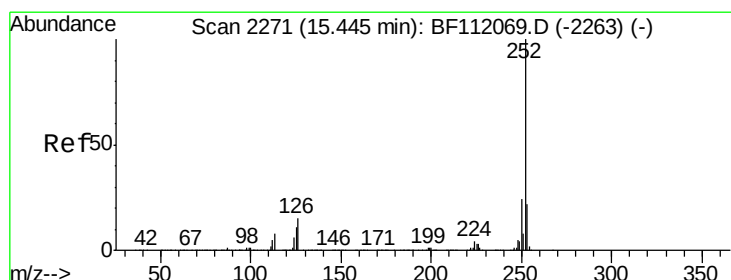
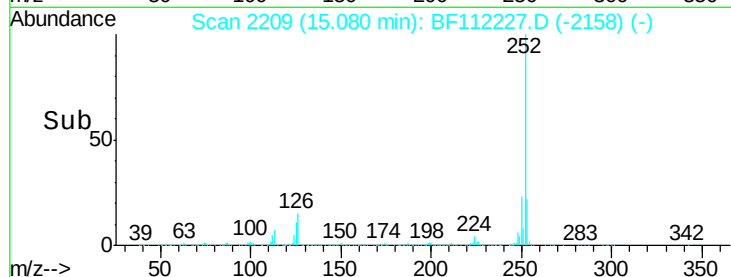
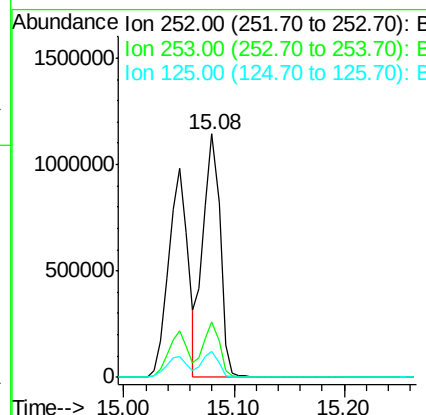
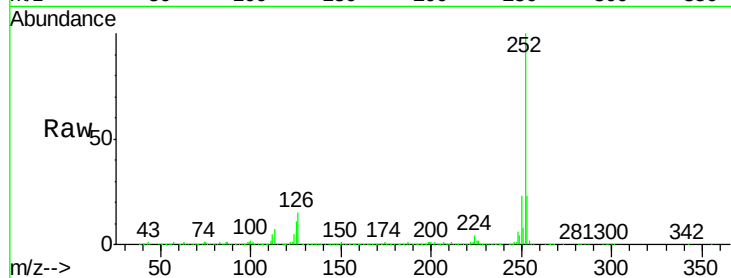




#89
Benzo(k)fluoranthene
Concen: 42.37 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

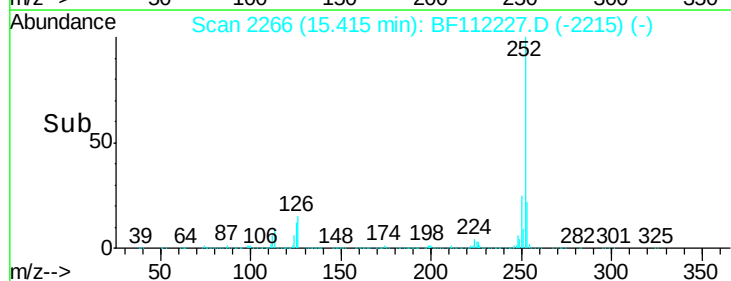
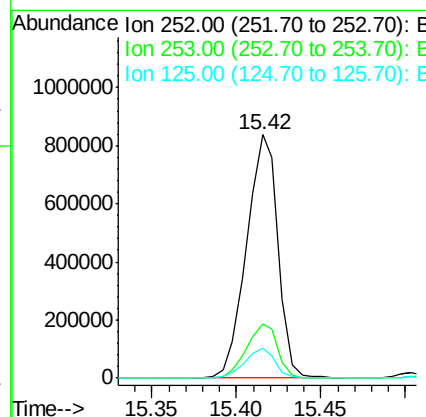
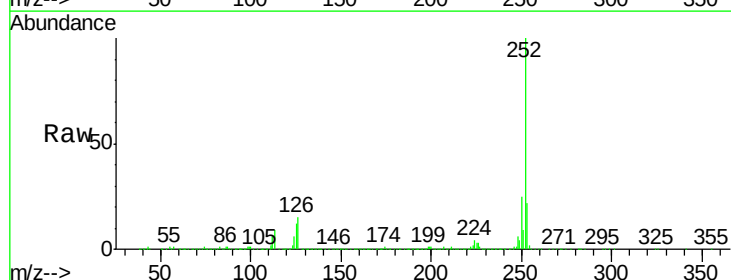
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

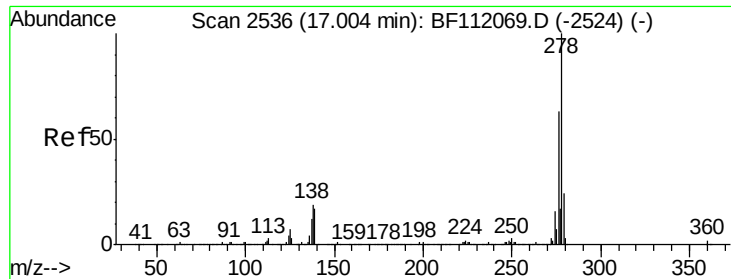
Tot Ion:252 Resp: 1196208
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 10.9 9.1 13.7



#90
Benzo(a)pyrene
Concen: 40.46 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Tgt Ion:252 Resp: 1082447
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 12.2 9.0 13.4

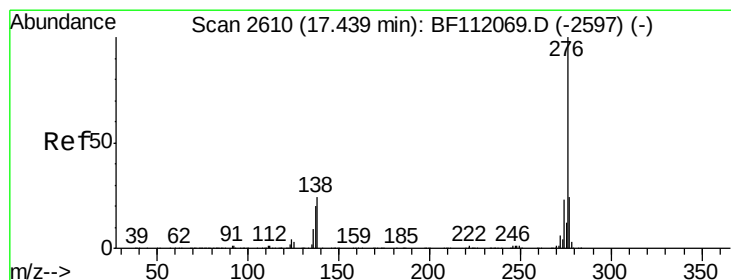
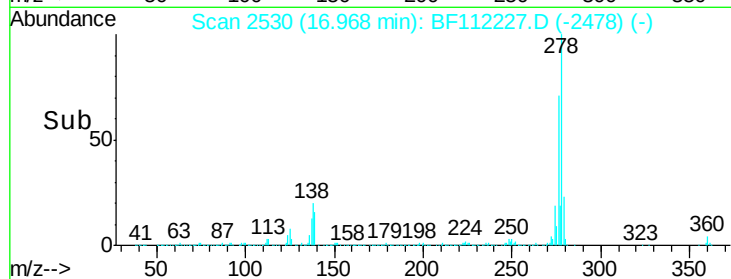
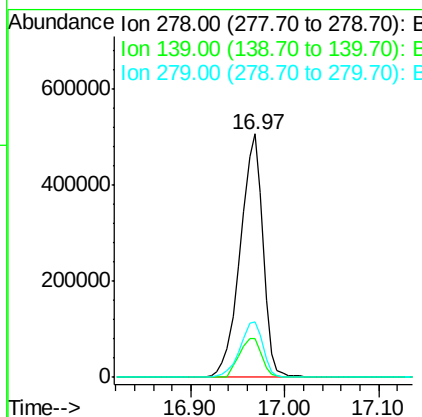
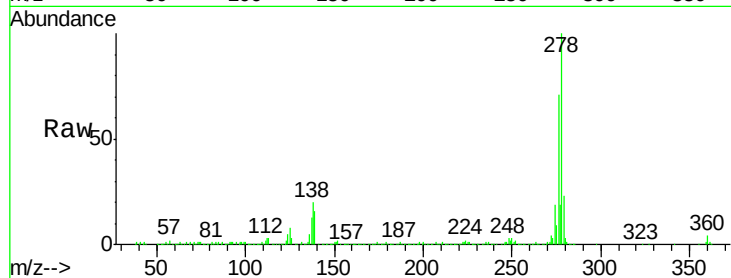




#91
Dibenzo(a,h)anthracene
Concen: 35.71 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.7	20.5
279	23.0	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 33.79 ng
RT: 17.40 min Scan# 2604
Delta R.T. 0.01 min
Lab File: BF112227.D
Acq: 25 Jan 2019 12:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.0
138	22.3	19.1	28.7

