

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
 Data File : BF111668.D
 Acq On : 21 Dec 2018 5:17
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 21 06:25:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	171954	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	595572	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	262010	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	424933	20.00	ng	0.00
76) Chrysene-d12	14.05	240	431116	20.00	ng	0.00
87) Perylene-d12	15.52	264	336089	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	806869	79.98	ng	0.00
7) Phenol-d6	6.52	99	1004146	78.21	ng	0.00
23) Nitrobenzene-d5	7.46	82	908714	88.81	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	234446	75.73	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1610327	89.58	ng	0.00
79) Terphenyl-d14	13.00	244	1557477	68.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	181062	38.148	ng	96
3) Pyridine	3.44	79	481719	38.957	ng	99
4) n-Nitrosodimethylamine	3.38	42	235861	38.975	ng	87
6) Aniline	6.56	93	628168	38.384	ng	99
8) 2-Chlorophenol	6.69	128	444817	39.805	ng	94
9) Benzaldehyde	6.45	77	355244	40.232	ng	97
10) Phenol	6.54	94	570388	39.376	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	418988	38.599	ng	95
12) 1,3-Dichlorobenzene	6.84	146	525273	40.560	ng	98
13) 1,4-Dichlorobenzene	6.92	146	528631	40.249	ng	98
14) 1,2-Dichlorobenzene	7.07	146	493788	40.296	ng	97
15) Benzyl Alcohol	7.03	79	391631	38.409	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.17	45	719919	36.010	ng	99
17) 2-Methylphenol	7.15	107	343239	38.359	ng	96
18) Hexachloroethane	7.42	117	156719	35.409	ng	# 86
19) n-Nitroso-di-n-propylamine	7.31	70	314018	36.829	ng	100
20) 3+4-Methylphenols	7.30	107	438103	38.748	ng	97
22) Acetophenone	7.30	105	610197	40.442	ng	# 89
24) Nitrobenzene	7.47	77	466408	43.492	ng	98
25) Isophorone	7.72	82	701631	38.627	ng	98
26) 2-Nitrophenol	7.79	139	207748	47.766	ng	96
27) 2,4-Dimethylphenol	7.83	122	330493	38.548	ng	96
28) bis(2-Chloroethoxy)methane	7.92	93	476553	39.425	ng	99
29) 2,4-Dichlorophenol	8.03	162	361234	39.172	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	411405	40.035	ng	98
31) Naphthalene	8.20	128	1150205	40.194	ng	97
32) Benzoic acid	7.92	122	145734	25.709	ng	94
33) 4-Chloroaniline	8.25	127	489272	39.558	ng	98
34) Hexachlorobutadiene	8.32	225	253960	40.549	ng	98
35) Caprolactam	8.60	113	113875	36.442	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	331421	36.561	ng	99
37) 2-Methylnaphthalene	8.89	142	721451	38.750	ng	99
38) 1-Methylnaphthalene	8.99	142	688585	38.510	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	385341	44.757	ng	# 97

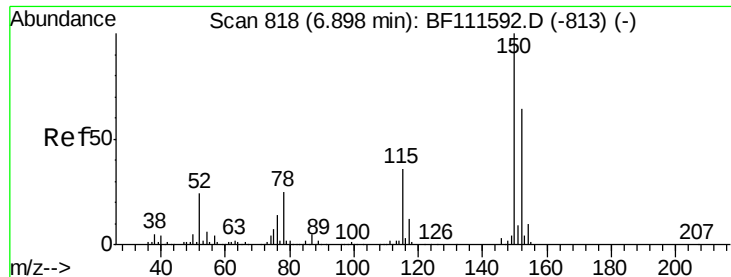
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
 Data File : BF111668.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	63442	15.185	ng	98
43) 2,4,6-Trichlorophenol	9.17	196	240633	41.862	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	235195	39.883	ng	92
46) 1,1'-Biphenyl	9.36	154	965620	43.658	ng	94
47) 2-Chloronaphthalene	9.38	162	744307	42.475	ng	93
48) 2-Nitroaniline	9.47	65	216250	47.436	ng	94
49) Acenaphthylene	9.79	152	1039307	40.621	ng	95
50) Dimethylphthalate	9.65	163	819181	42.755	ng	98
51) 2,6-Dinitrotoluene	9.71	165	174336	45.632	ng	99
52) Acenaphthene	9.97	154	627956	39.794	ng	99
53) 3-Nitroaniline	9.87	138	187416	45.997	ng	99
54) 2,4-Dinitrophenol	9.97	184	10752	15.276	ng #	1
55) Dibenzofuran	10.14	168	946596	39.705	ng	94
56) 4-Nitrophenol	10.03	139	125408	40.331	ng	91
57) 2,4-Dinitrotoluene	10.11	165	208121	45.325	ng #	92
58) Fluorene	10.48	166	657476	38.272	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	180582	36.387	ng	90
60) Diethylphthalate	10.35	149	745506	39.666	ng	98
61) 4-Chlorophenyl-phenylether	10.47	204	371631	39.155	ng	90
62) 4-Nitroaniline	10.48	138	161237	40.715	ng	91
63) Azobenzene	10.63	77	693910	36.776	ng	95
65) 4,6-Dinitro-2-methylphenol	10.52	198	27322	20.081	ng #	76
66) n-Nitrosodiphenylamine	10.59	169	625042	43.819	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	227908	43.242	ng #	89
68) Hexachlorobenzene	11.03	284	245663	41.804	ng #	90
69) Atrazine	11.11	200	201125	40.587	ng	96
70) Pentachlorophenol	11.22	266	148288	40.817	ng	97
71) Phenanthrene	11.44	178	928676	41.209	ng	95
72) Anthracene	11.49	178	931158	41.165	ng	95
73) Carbazole	11.64	167	899883	40.976	ng	95
74) Di-n-butylphthalate	11.97	149	998257	40.542	ng	97
75) Fluoranthene	12.63	202	974517	42.703	ng	94
77) Benzidine	12.74	184	503677	31.048	ng	98
78) Pyrene	12.86	202	1031144	33.870	ng	96
80) Butylbenzylphthalate	13.47	149	444275	35.800	ng	94
81) Benzo(a)anthracene	14.04	228	985576	40.058	ng	98
82) 3,3'-Dichlorobenzidine	14.00	252	422092	43.420	ng #	95
83) Chrysene	14.08	228	973459	40.256	ng	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	591518	37.841	ng #	98
85) Di-n-octyl phthalate	14.64	149	1060372	43.783	ng	95
86) Indeno(1,2,3-cd)pyrene	17.00	276	665764	32.387	ng #	88
88) Benzo(b)fluoranthene	15.09	252	816261	41.556	ng #	95
89) Benzo(k)fluoranthene	15.12	252	828246	44.291	ng #	97
90) Benzo(a)pyrene	15.46	252	728547	40.826	ng #	93
91) Dibenzo(a,h)anthracene	17.02	278	564413	36.119	ng #	91
92) Benzo(g,h,i)perylene	17.45	276	534476	35.027	ng #	87

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

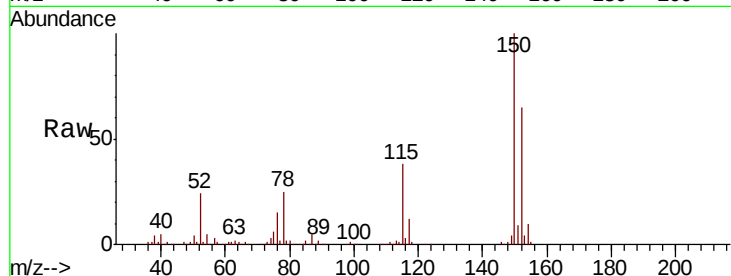


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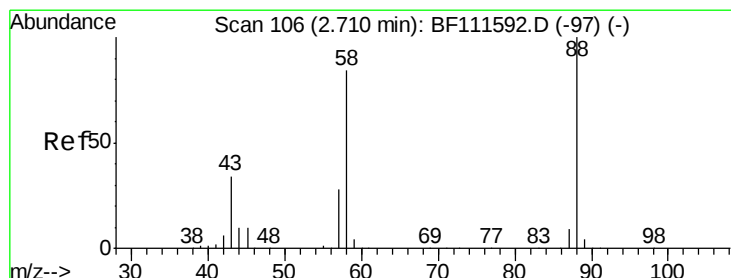
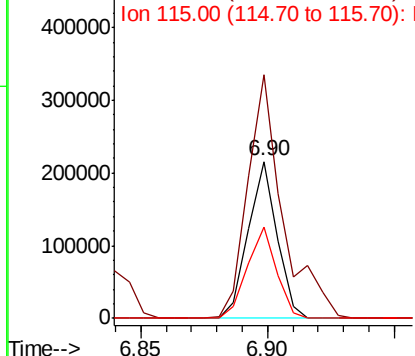
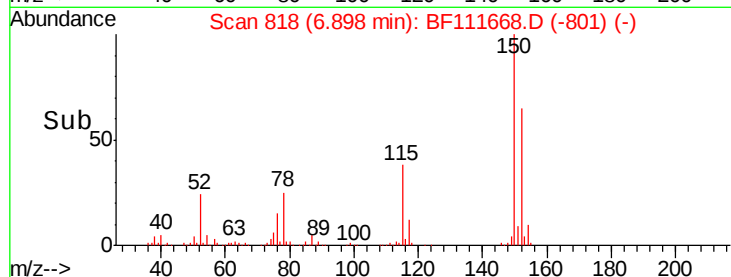
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 152 Resp: 171954
Ion Ratio Lower Upper
152 100
150 154.9 126.6 189.8
115 58.4 50.7 76.1



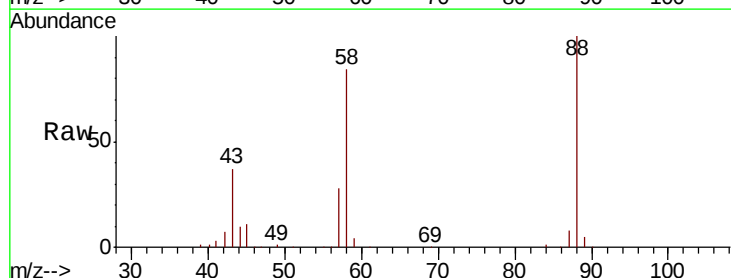
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



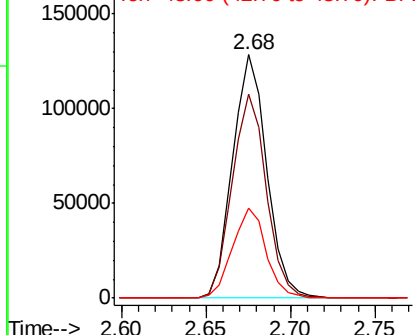
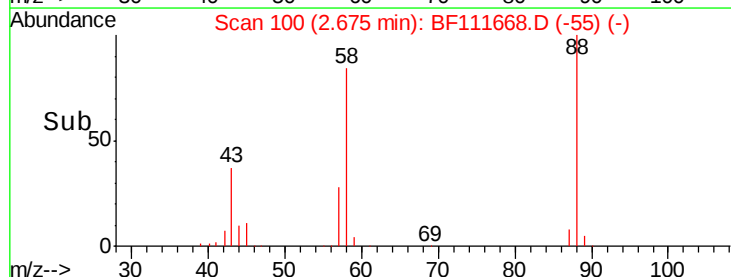
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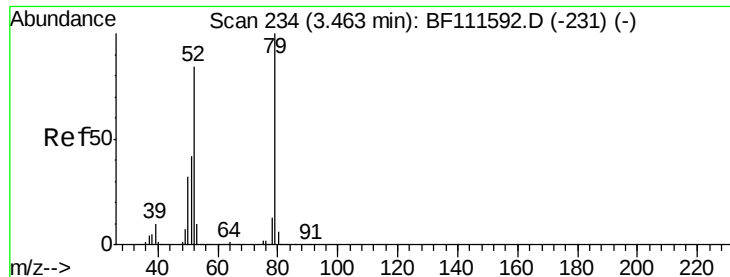
1,4-Dioxane
Concen: 38.148 ng
RT: 2.68 min Scan# 100
Delta R.T. -0.04 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

Tgt Ion: 88 Resp: 181062
Ion Ratio Lower Upper
88 100
58 83.7 68.9 103.3
43 36.6 25.8 38.6



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 38.957 ng

RT: 3.44 min Scan# 230

Delta R.T. -0.02 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

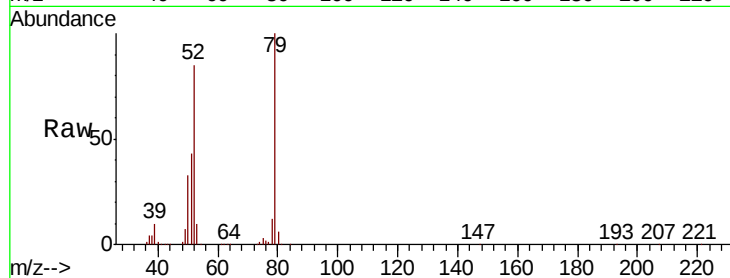
Tgt Ion: 79 Resp: 481719

Ion Ratio Lower Upper

79 100

52 85.1 68.3 102.5

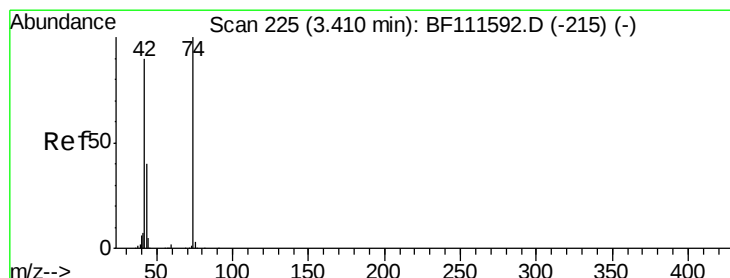
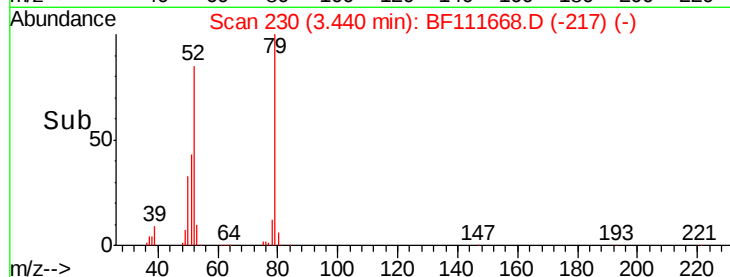
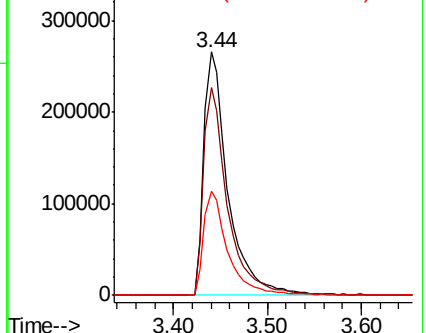
51 42.9 32.6 49.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.975 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.03 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

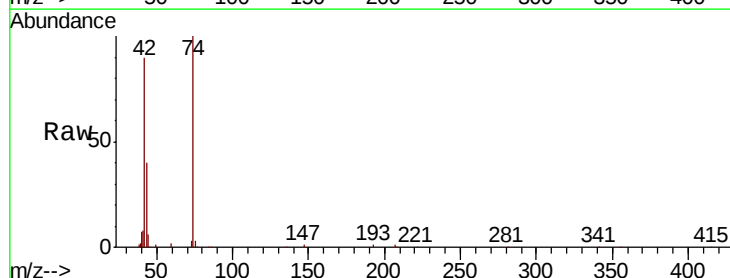
Tgt Ion: 42 Resp: 235861

Ion Ratio Lower Upper

42 100

74 111.2 101.5 152.3

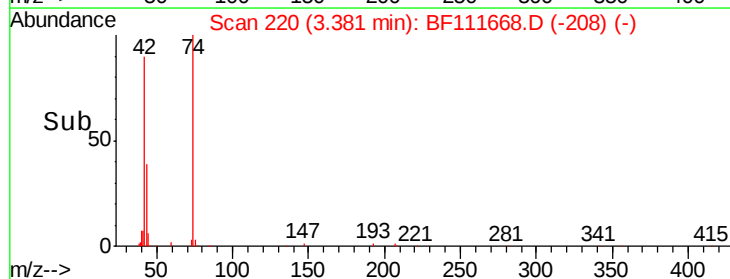
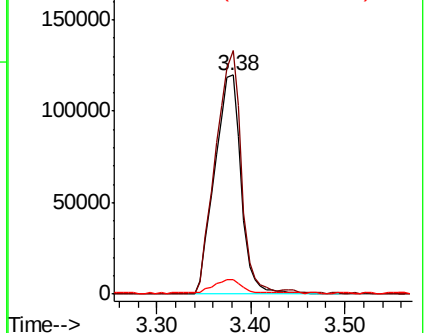
44 6.5 6.0 9.0

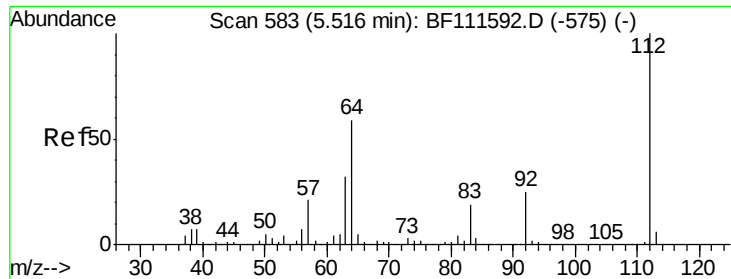


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

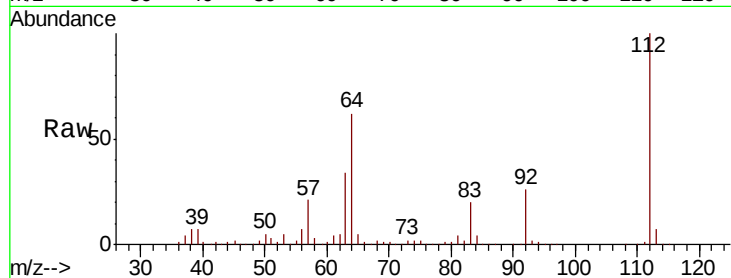




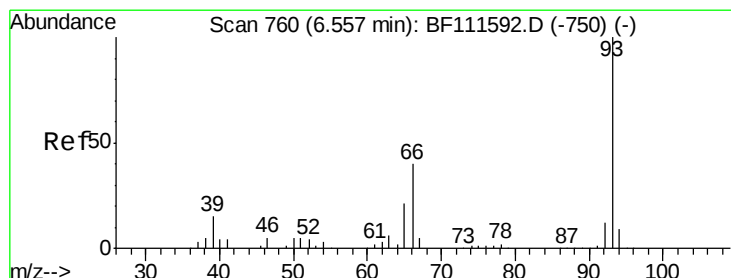
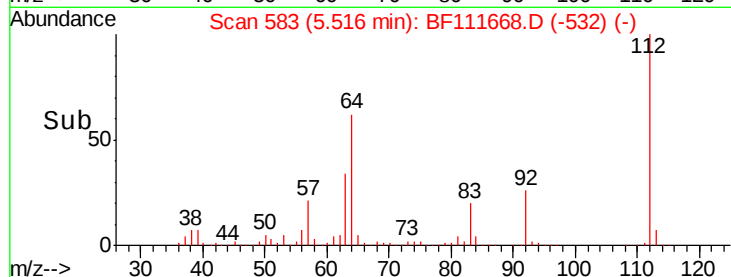
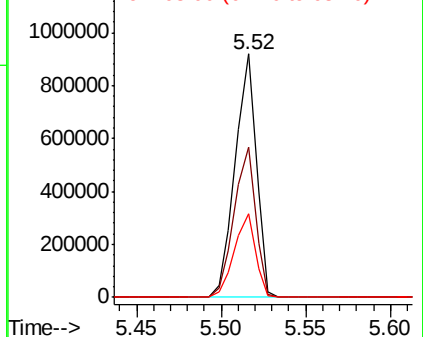
#5
 2-Fluorophenol
 Concen: 79.983 ng
 RT: 5.52 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF111668.D
 Acq: 21 Dec 2018 5:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 112 Resp: 806869
 Ion Ratio Lower Upper
 112 100
 64 61.9 51.8 77.6
 63 34.2 26.8 40.2

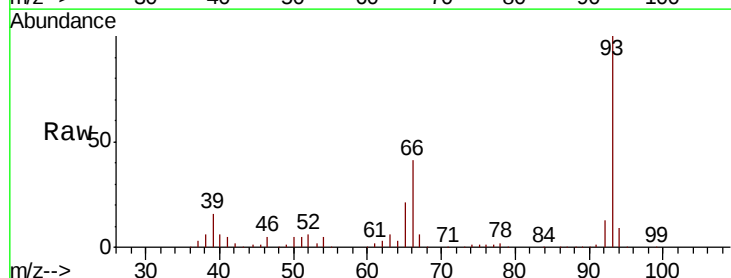


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

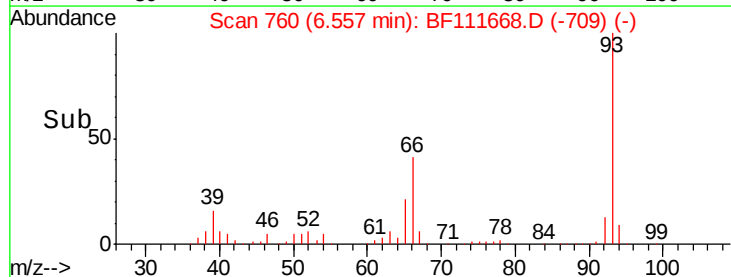
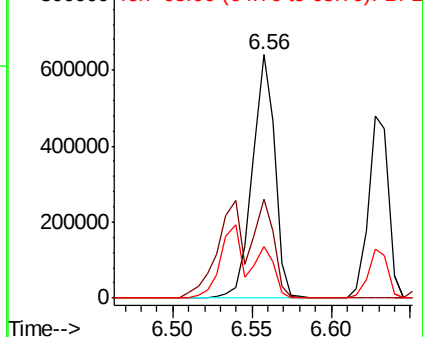


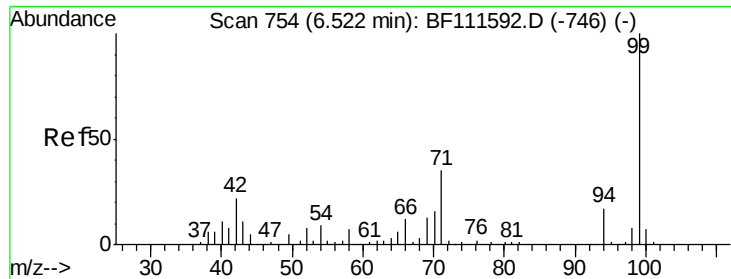
#6
 Aniline
 Concen: 38.384 ng
 RT: 6.56 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: BF111668.D
 Acq: 21 Dec 2018 5:17

Tgt Ion: 93 Resp: 628168
 Ion Ratio Lower Upper
 93 100
 66 40.5 33.2 49.8
 65 21.1 17.0 25.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 66.00 (65.70 to 66.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.213 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

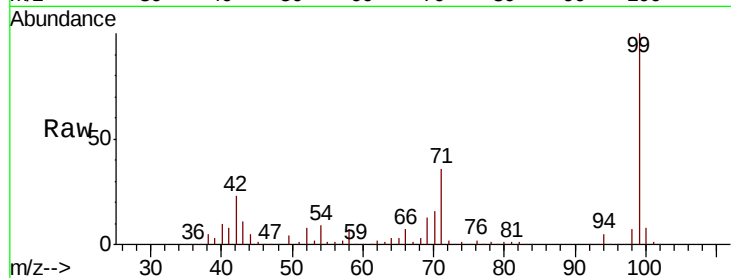
Tgt Ion: 99 Resp: 1004146

Ion Ratio Lower Upper

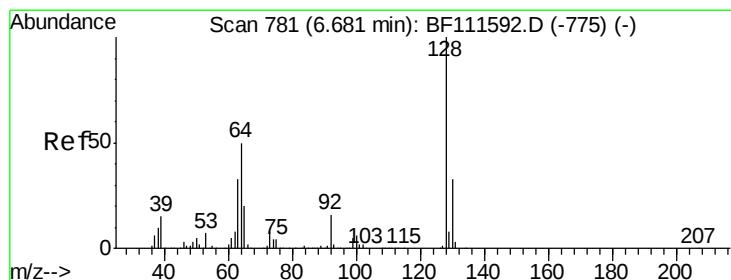
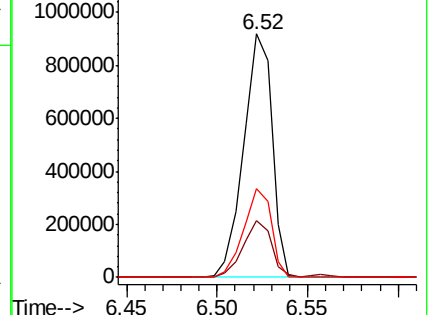
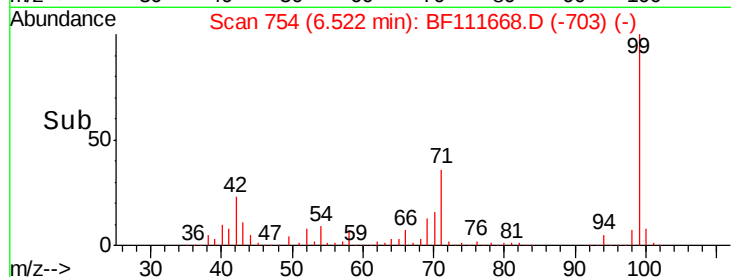
99 100

42 23.1 17.4 26.0

71 36.4 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.805 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

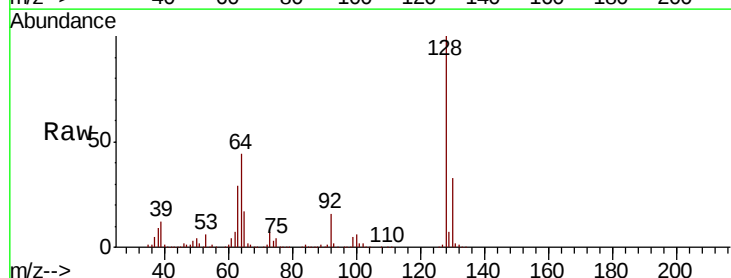
Tgt Ion: 128 Resp: 444817

Ion Ratio Lower Upper

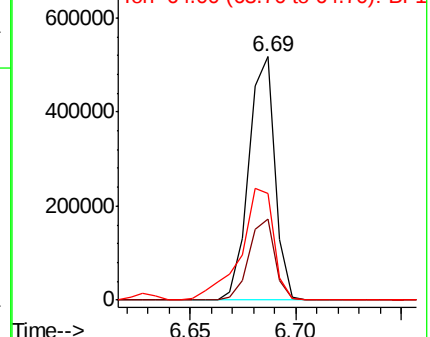
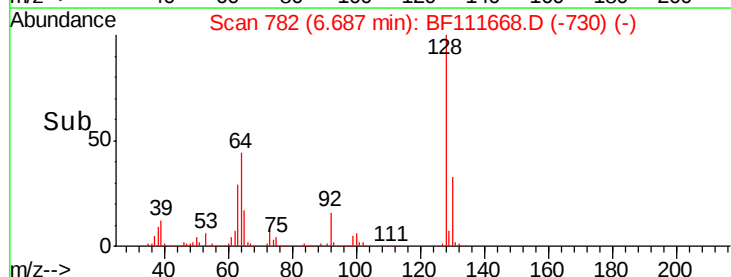
128 100

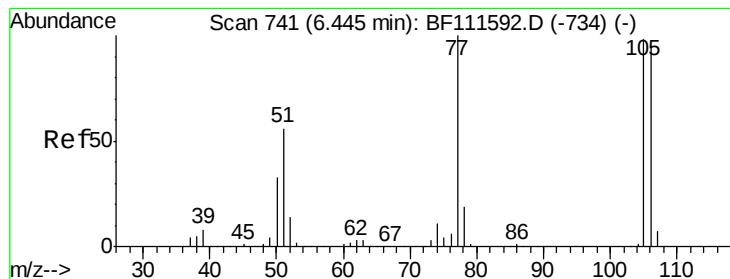
130 33.3 12.7 52.7

64 43.7 30.0 70.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.232 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

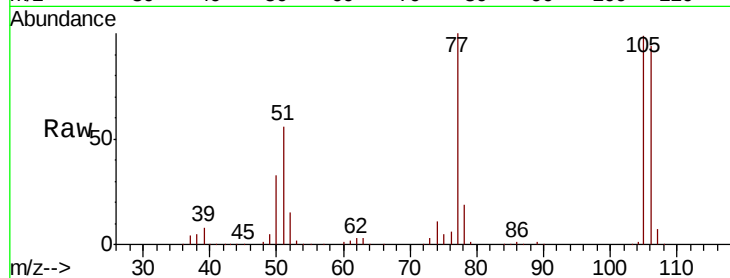
Tgt Ion: 77 Resp: 355244

Ion Ratio Lower Upper

77 100

105 98.5 81.4 121.4

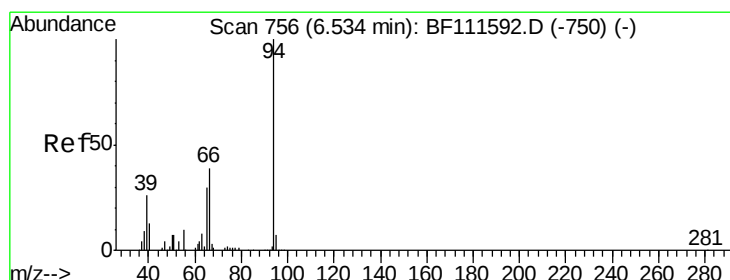
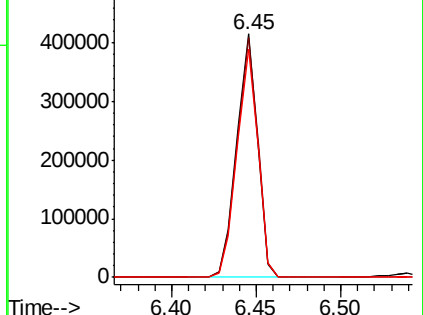
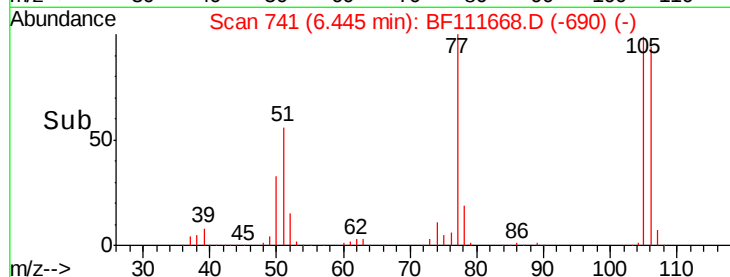
106 93.9 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.376 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

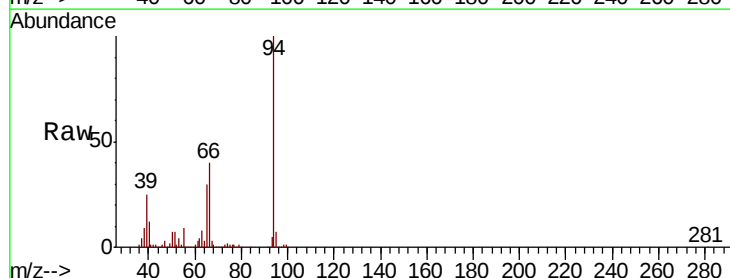
Tgt Ion: 94 Resp: 570388

Ion Ratio Lower Upper

94 100

65 29.7 11.7 51.7

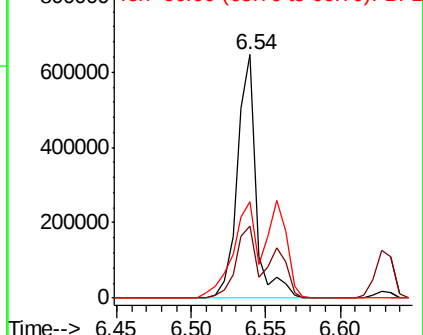
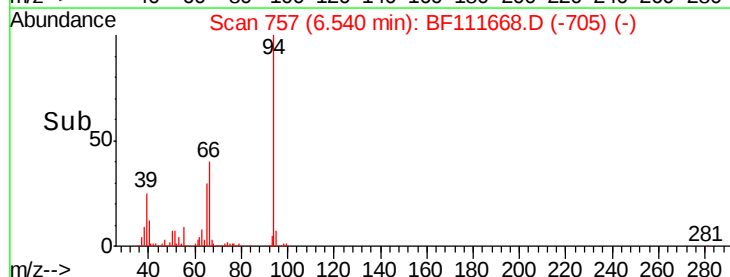
66 39.6 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

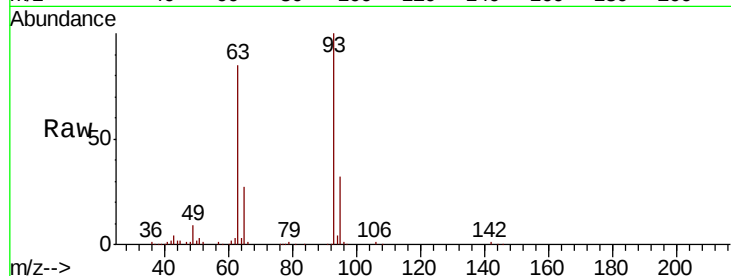




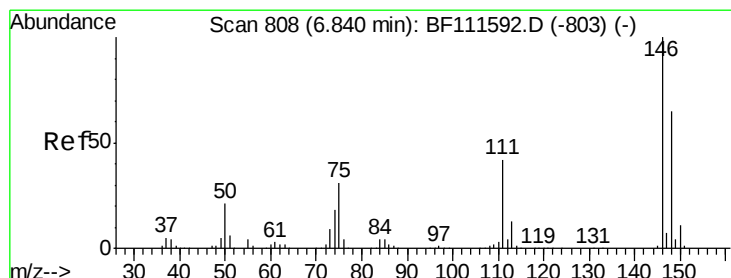
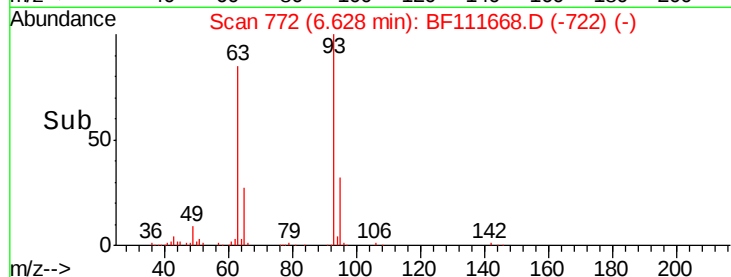
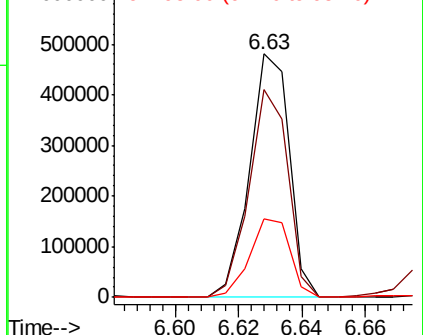
#11
bis(2-Chloroethyl)ether
Concen: 38.599 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 418988
Ion Ratio Lower Upper
93 100
63 85.1 60.0 100.0
95 32.4 13.4 53.4

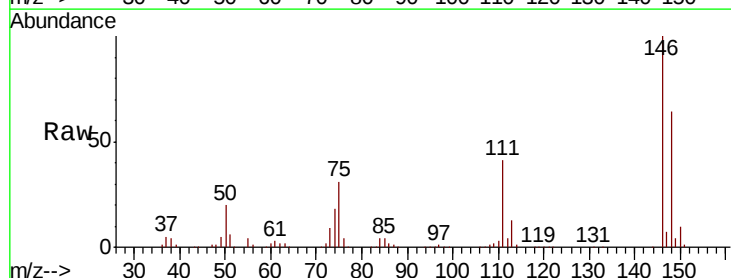


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

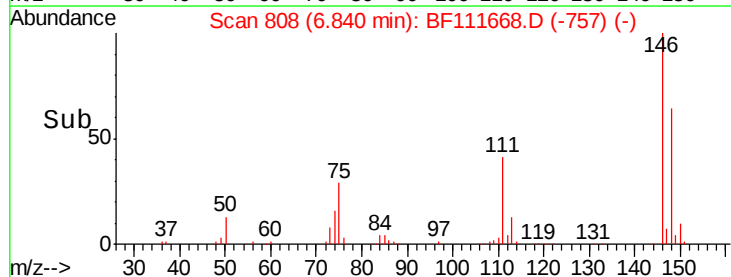
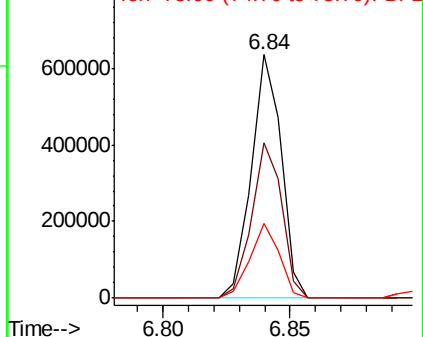


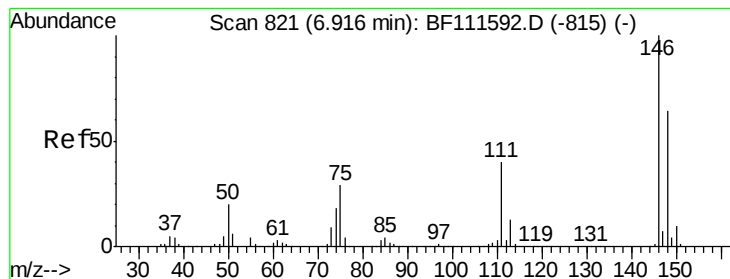
#12
1,3-Dichlorobenzene
Concen: 40.560 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

Tgt Ion: 146 Resp: 525273
Ion Ratio Lower Upper
146 100
148 63.7 52.1 78.1
75 30.7 23.9 35.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 40.249 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

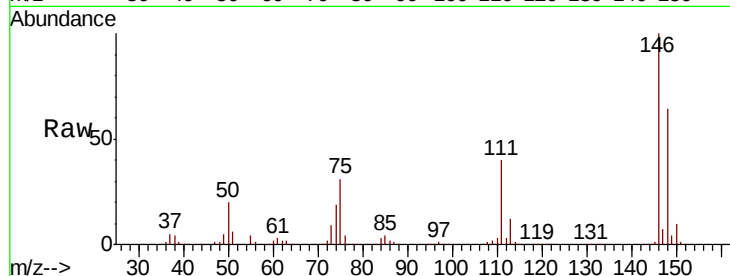
Tgt Ion:146 Resp: 528631

Ion Ratio Lower Upper

146 100

148 64.2 52.8 79.2

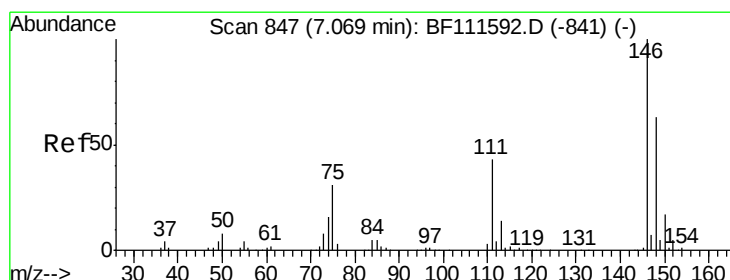
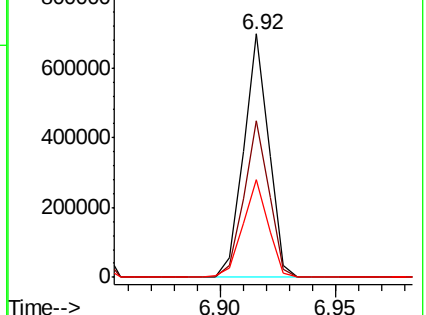
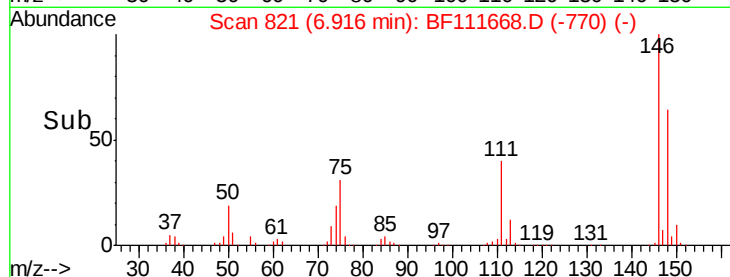
111 40.1 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.296 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

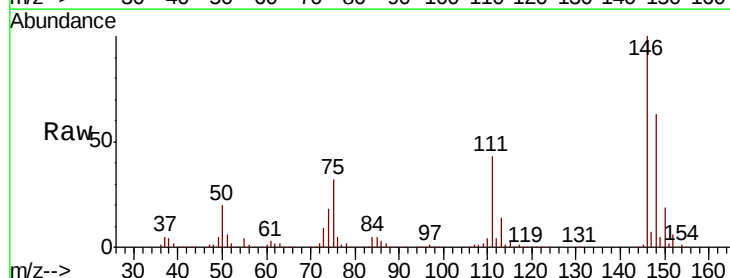
Tgt Ion:146 Resp: 493788

Ion Ratio Lower Upper

146 100

148 62.7 51.9 77.9

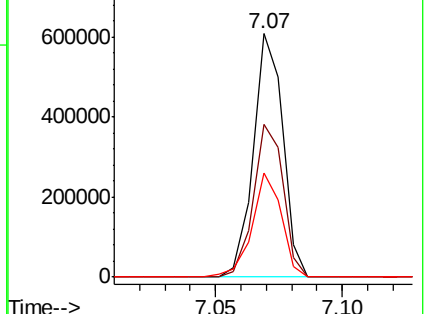
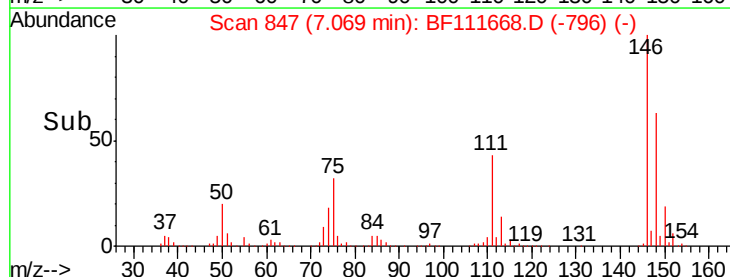
111 42.8 36.2 54.4

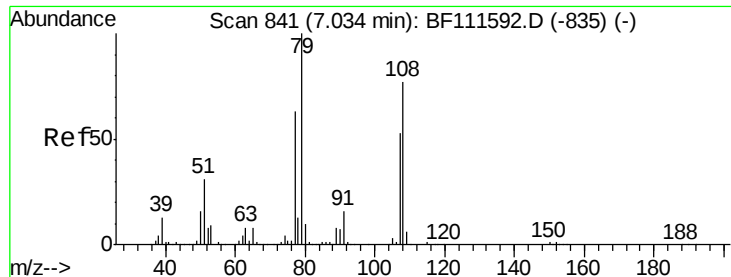


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.409 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

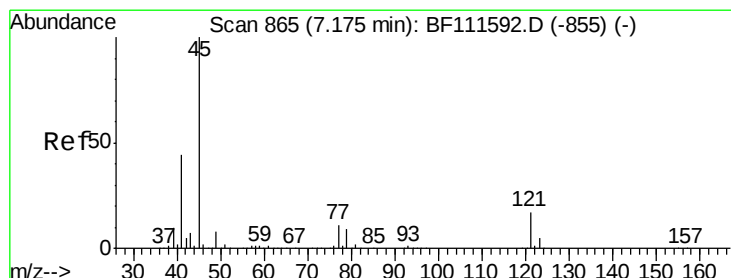
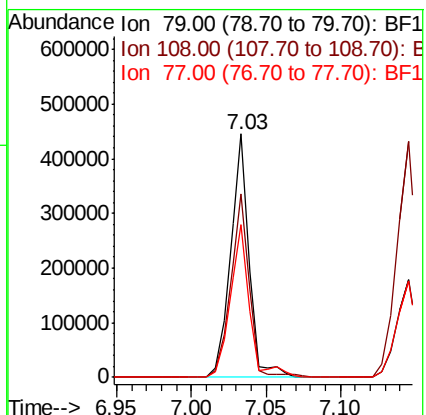
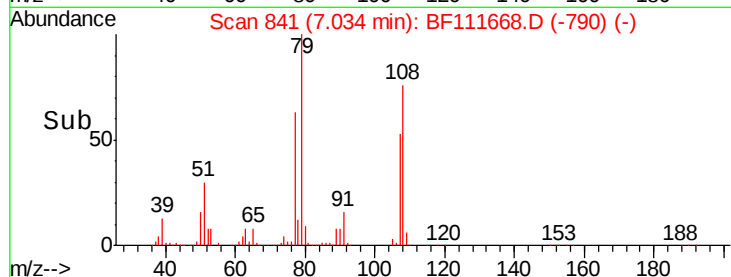
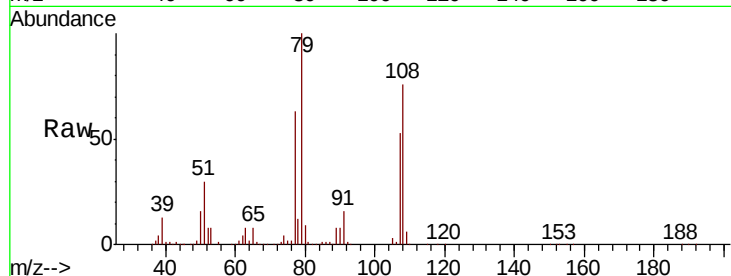
Tgt Ion: 79 Resp: 391631

Ion Ratio Lower Upper

79 100

108 75.5 69.4 104.2

77 62.5 49.7 74.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.010 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

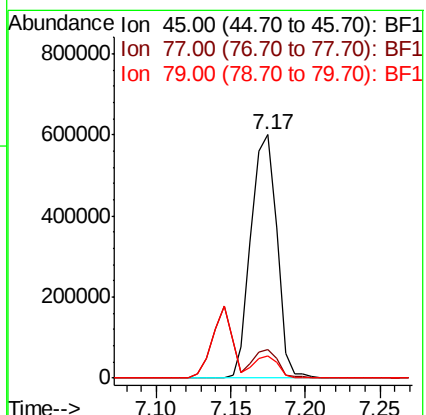
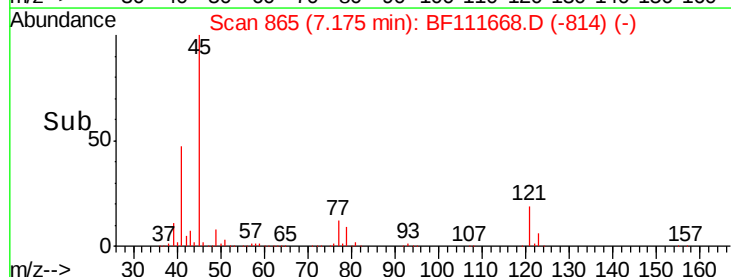
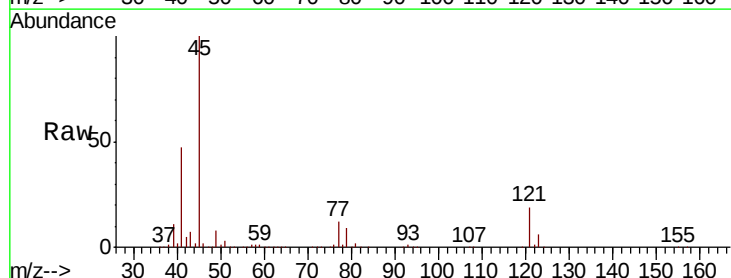
Tgt Ion: 45 Resp: 719919

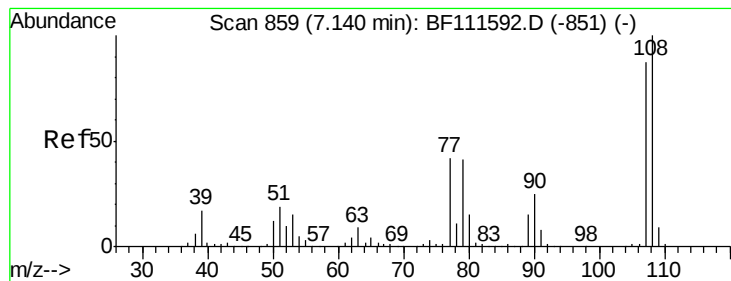
Ion Ratio Lower Upper

45 100

77 11.7 0.0 31.5

79 9.3 0.0 28.9





#17

2-Methylphenol

Concen: 38.359 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 343239

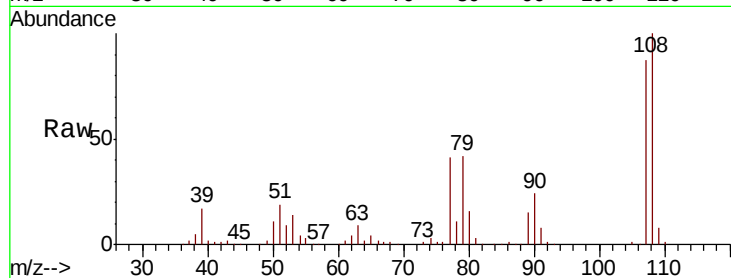
Ion Ratio Lower Upper

107 100

108 114.9 91.0 136.4

77 47.0 33.5 50.3

79 47.7 33.3 49.9



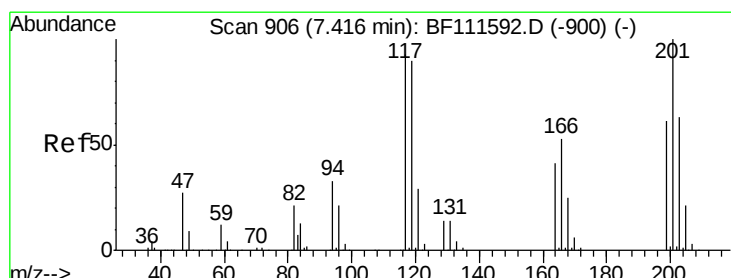
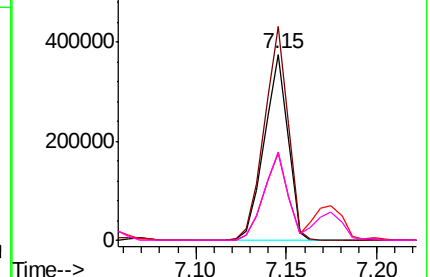
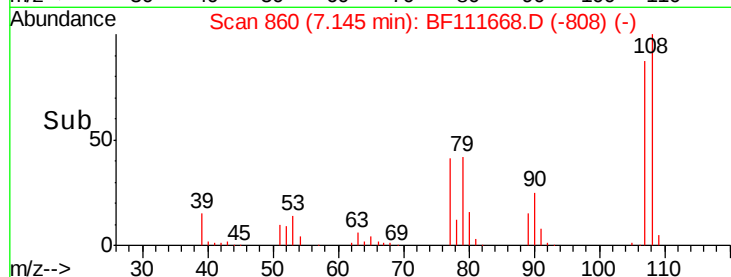
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 35.409 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

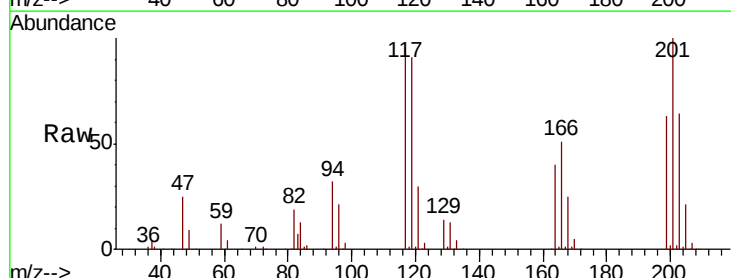
Tgt Ion:117 Resp: 156719

Ion Ratio Lower Upper

117 100

119 95.1 75.4 113.0

201 104.7 62.4 93.6#

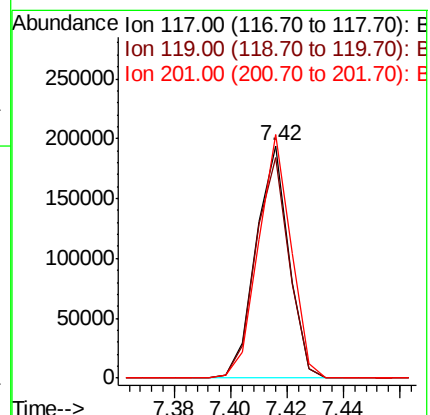
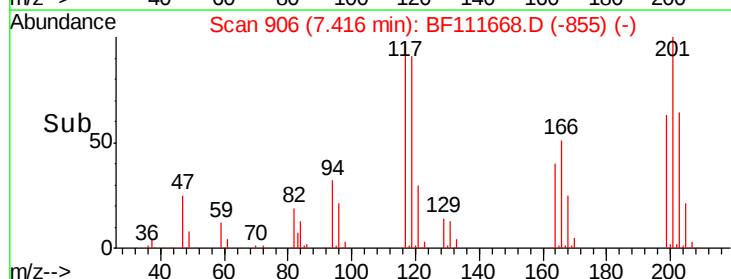


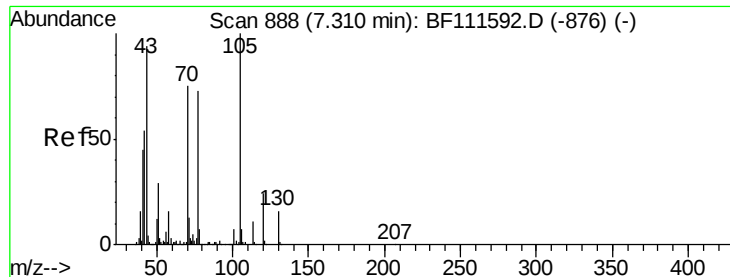
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

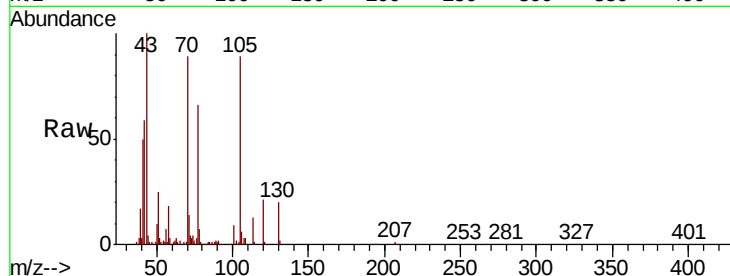




#19
n-Nitroso-di-n-propylamine
Concen: 36.829 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	70	Resp:	314018
Ion	Ratio	Lower	Upper
70	100		
42	66.4	53.2	79.8
101	10.0	8.2	12.4
130	22.2	18.1	27.1



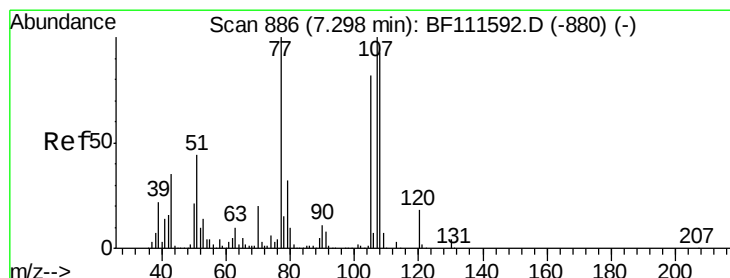
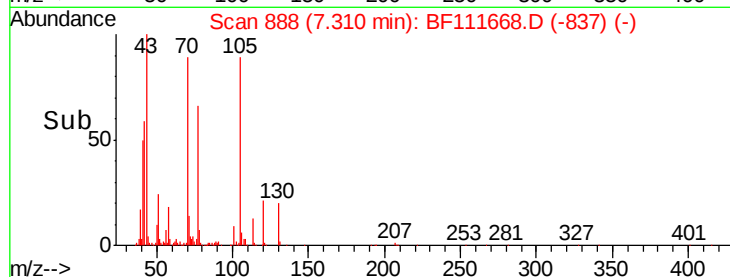
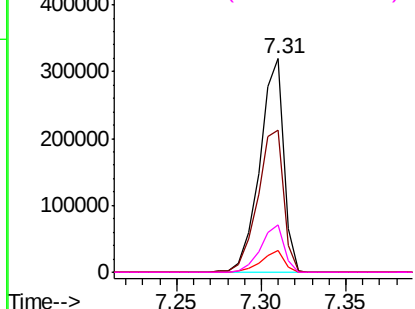
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

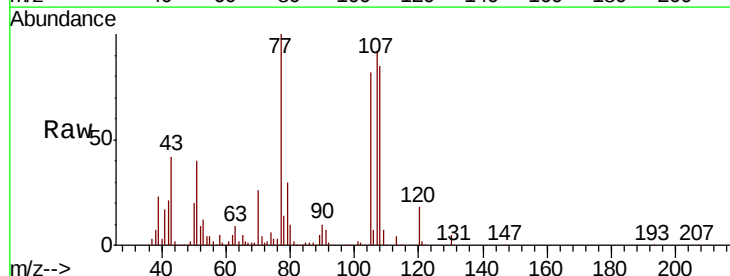
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 38.748 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

Tgt Ion:	107	Resp:	438103
Ion	Ratio	Lower	Upper
107	100		
108	92.1	72.1	112.1
77	108.7	94.1	134.1
79	32.7	9.8	49.8



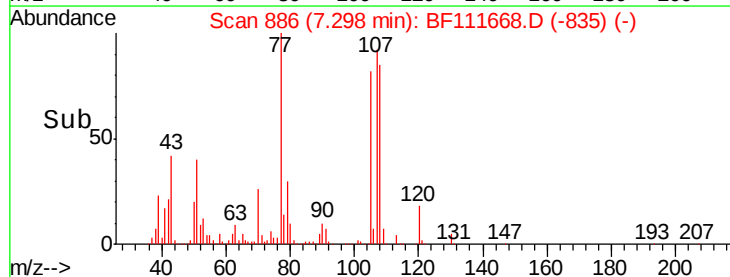
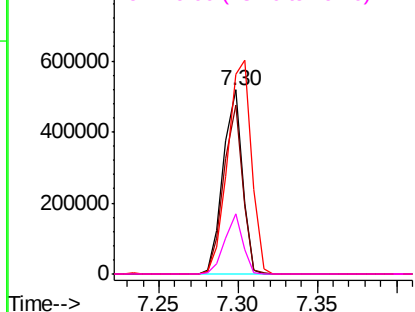
Abundance

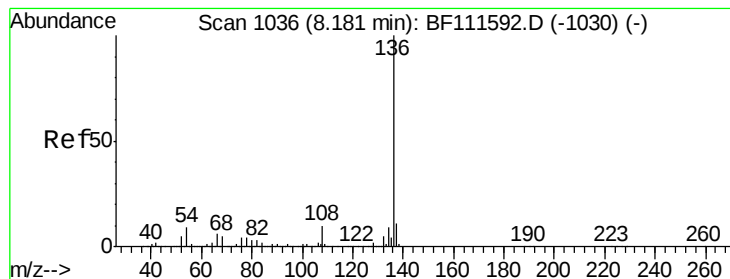
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 595572

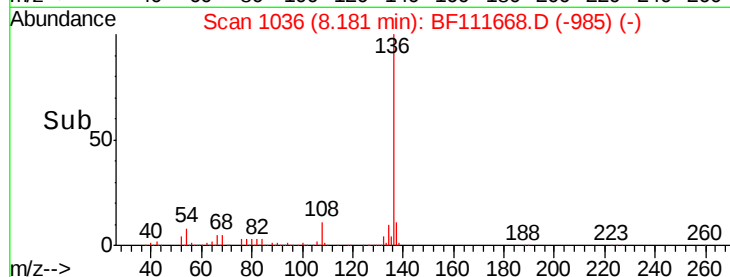
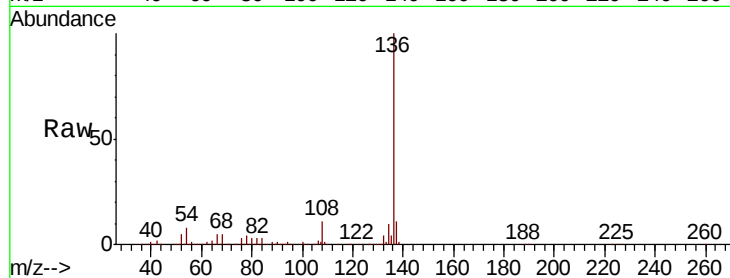
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 8.5 7.7 11.5

68 5.0 4.9 7.3



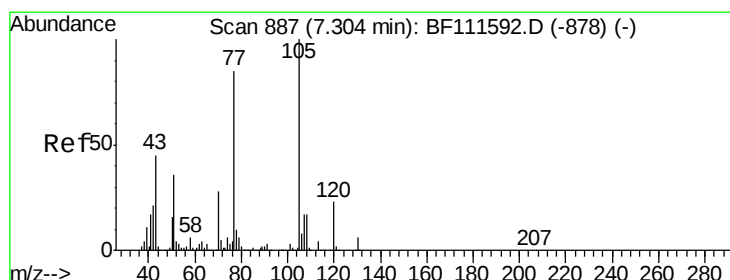
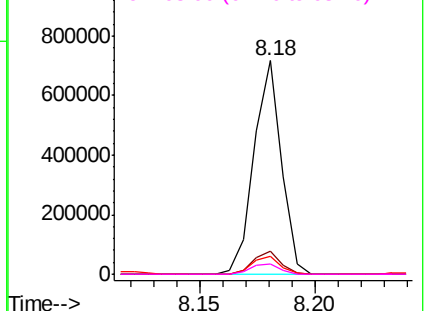
Abundance

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: 40.442 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

Tgt Ion:105 Resp: 610197

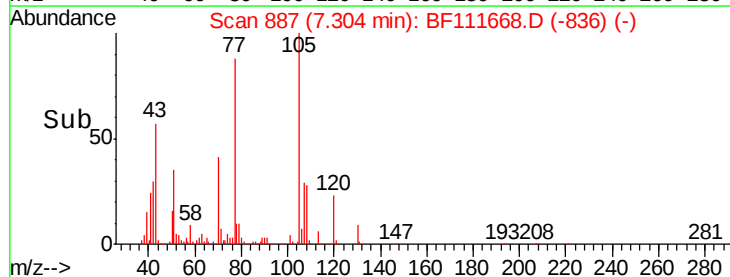
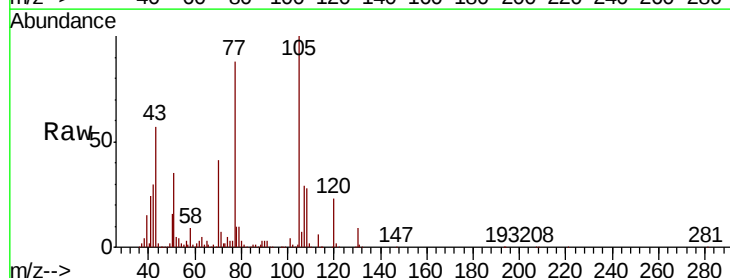
Ion Ratio Lower Upper

105 100

71 7.1 3.1 4.7#

51 34.6 36.6 54.8#

120 22.6 18.2 27.4



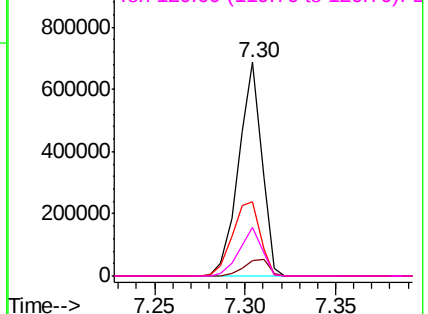
Abundance

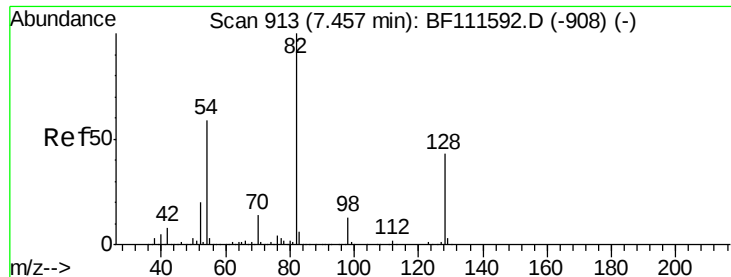
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

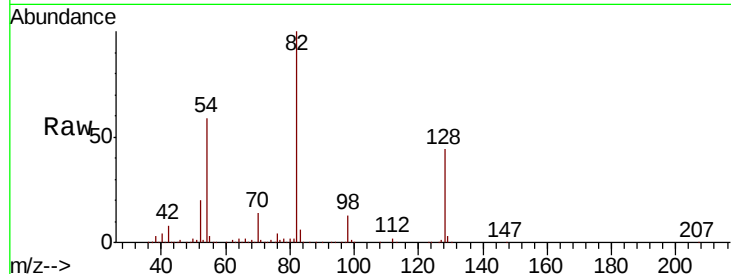




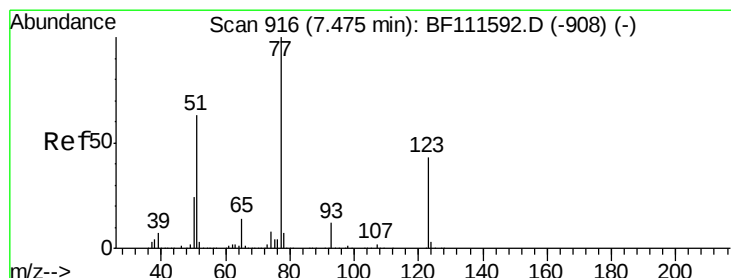
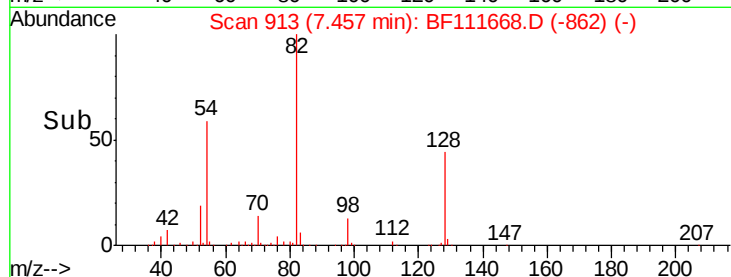
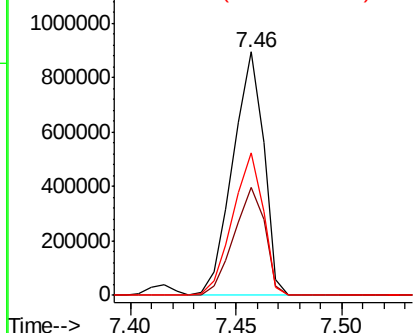
#23
Nitrobenzene-d5
Concen: 88.812 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.4	37.4	56.2
54	58.6	47.6	71.4

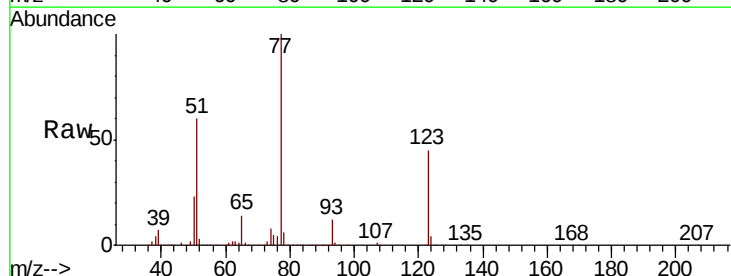


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

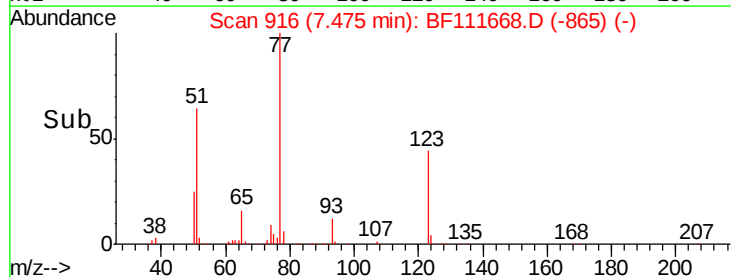
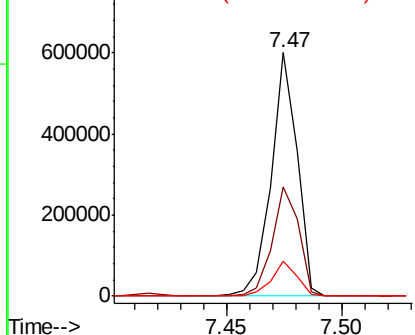


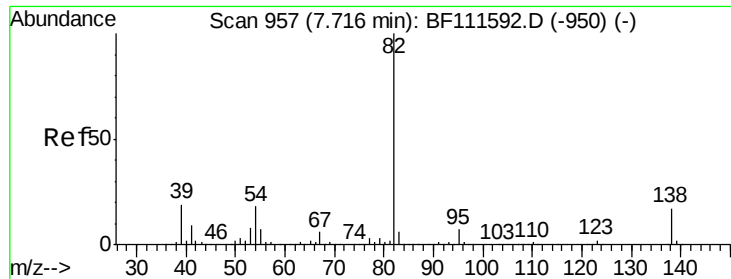
#24
Nitrobenzene
Concen: 43.492 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.1	37.2	55.8
65	14.3	11.5	17.3



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





#25

Isophorone

Concen: 38.627 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

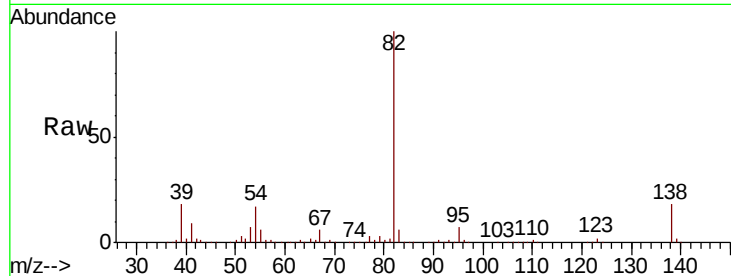
Tgt Ion: 82 Resp: 701631

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

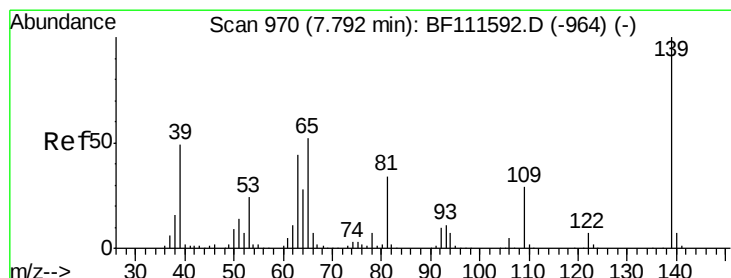
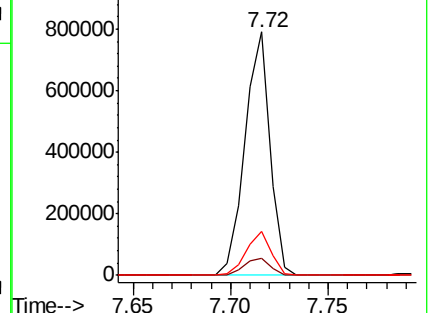
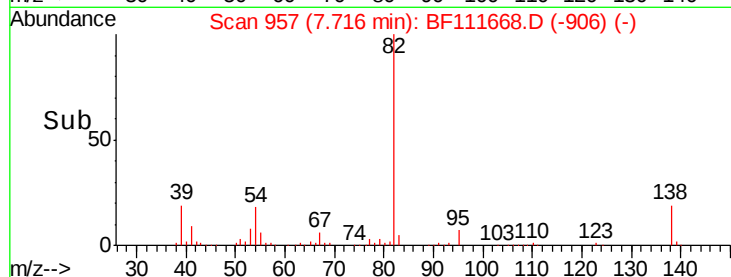
138 18.2 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.766 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

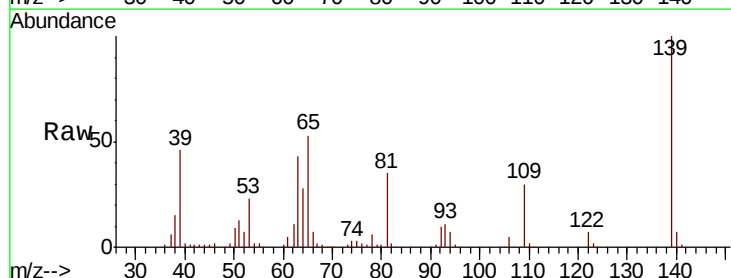
Tgt Ion: 139 Resp: 207748

Ion Ratio Lower Upper

139 100

109 29.6 20.2 30.4

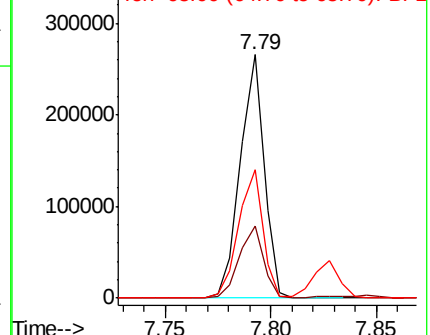
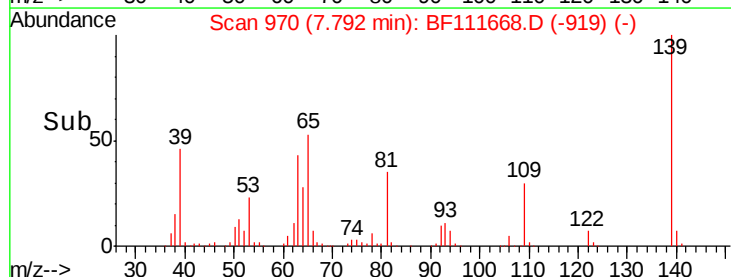
65 52.5 40.7 61.1

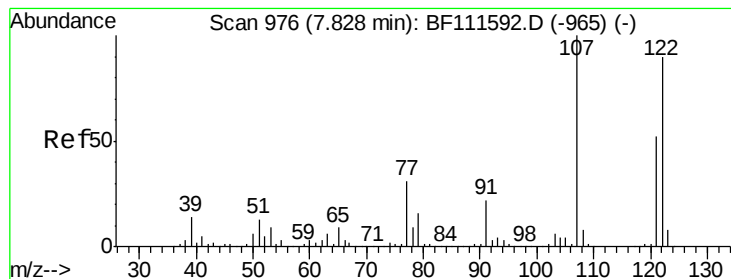


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.548 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

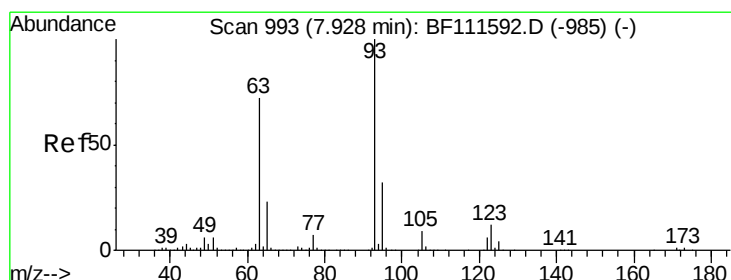
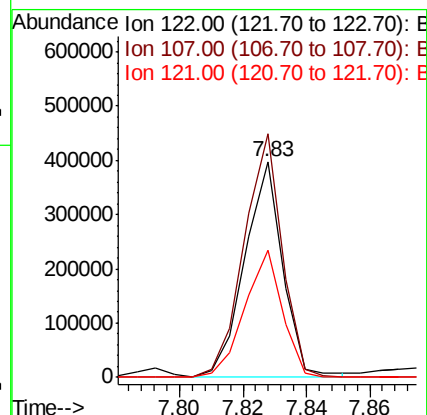
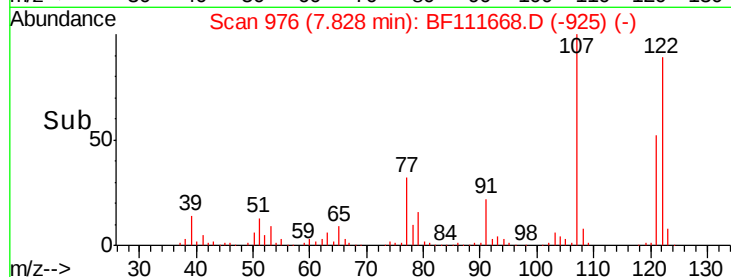
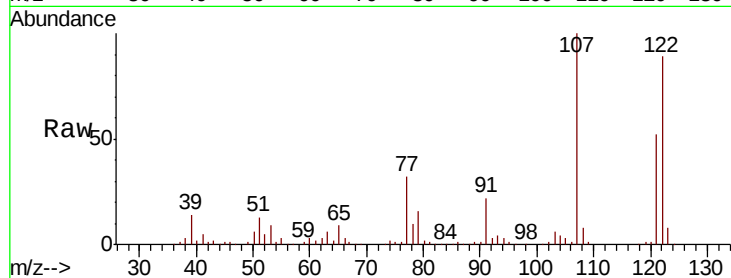
Tgt Ion:122 Resp: 330493

Ion Ratio Lower Upper

122 100

107 113.0 85.5 128.3

121 58.8 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 39.425 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

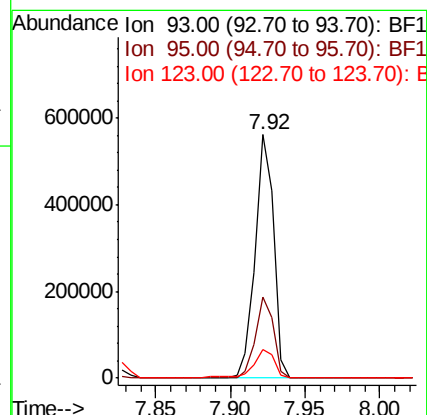
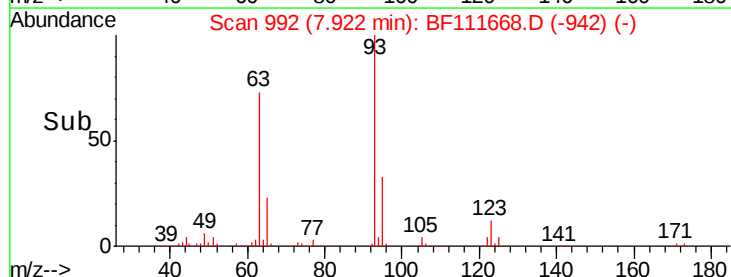
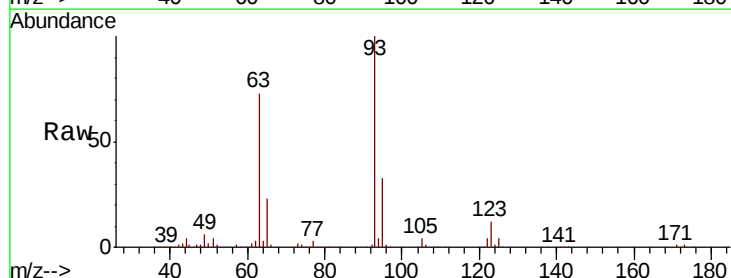
Tgt Ion: 93 Resp: 476553

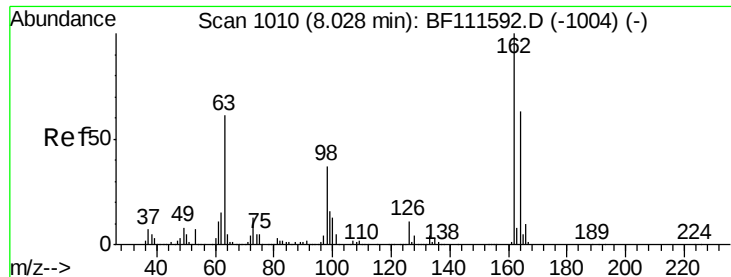
Ion Ratio Lower Upper

93 100

95 33.4 27.1 40.7

123 11.5 9.9 14.9

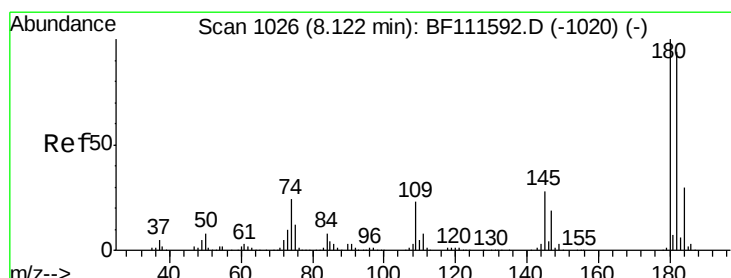
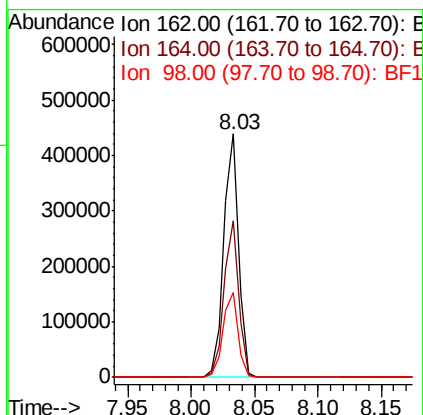
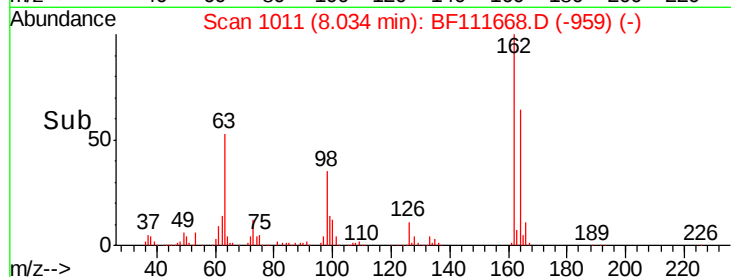
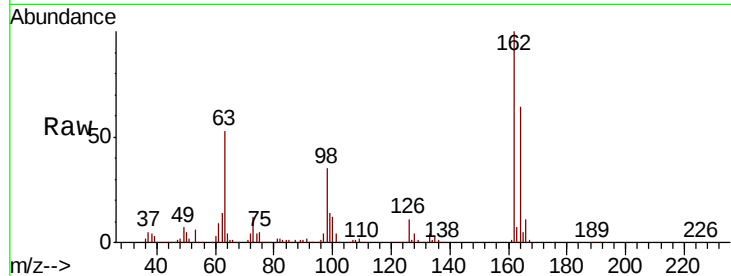




#29
2,4-Dichlorophenol
Concen: 39.172 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

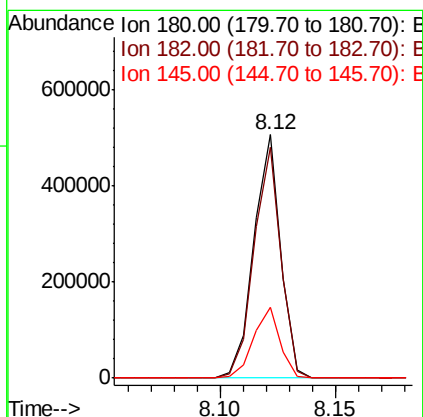
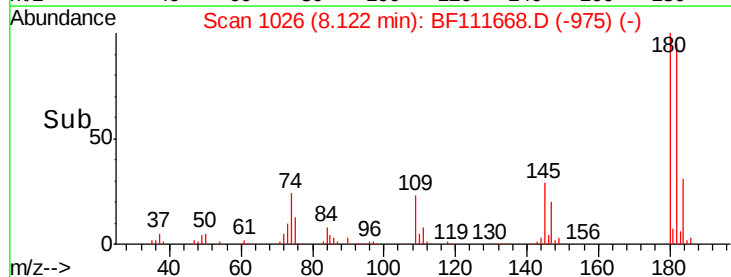
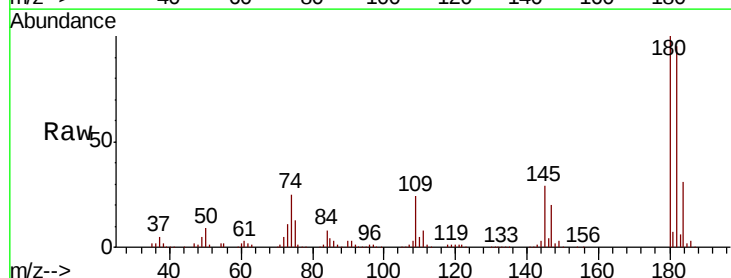
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

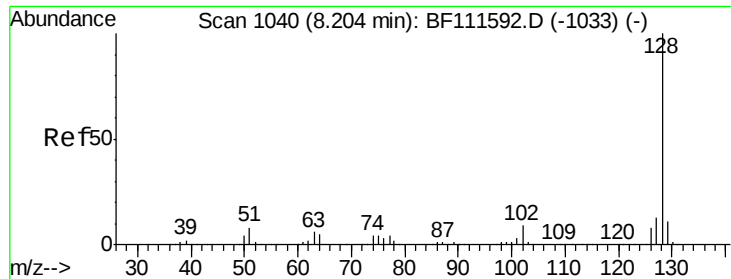
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.4	84.4
98	34.8	20.3	60.3



#30
1,2,4-Trichlorobenzene
Concen: 40.035 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.6	113.4
145	29.1	26.7	40.1

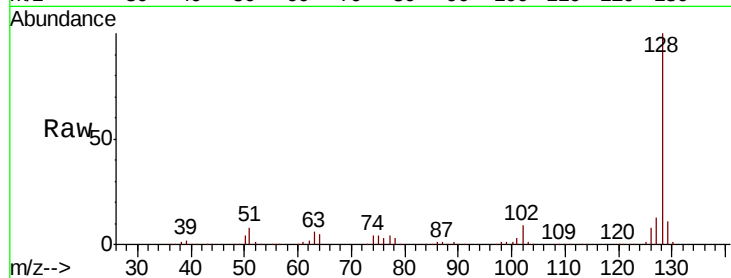




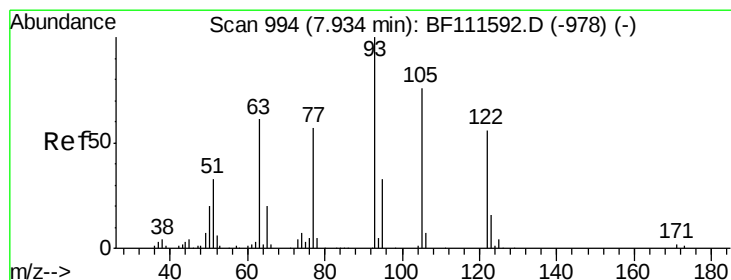
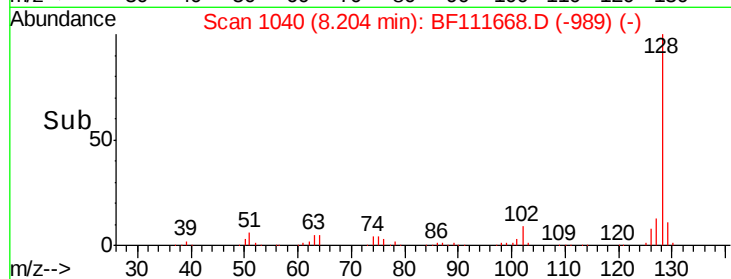
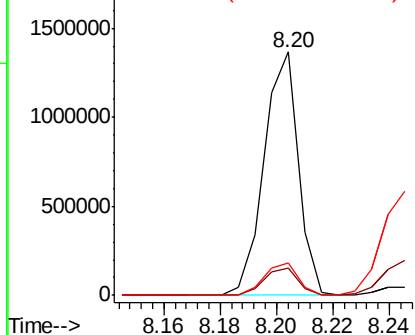
#31
Naphthalene
Concen: 40.194 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1150205
Ion Ratio Lower Upper
128 100
129 11.1 9.8 14.8
127 13.4 12.0 18.0

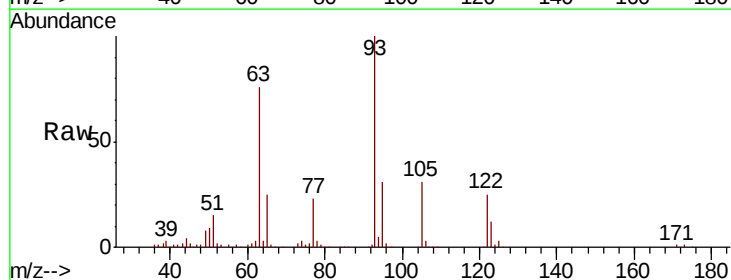


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

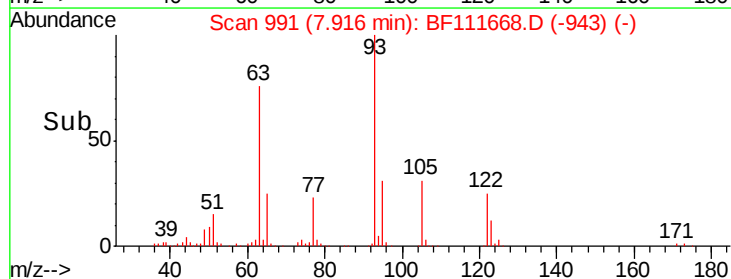
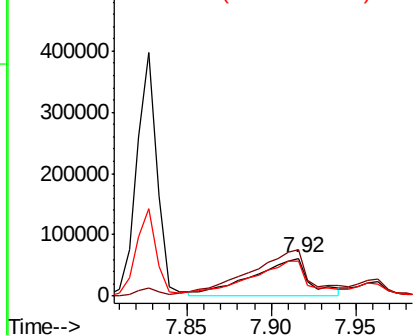


#32
Benzoic acid
Concen: 25.709 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

Tgt Ion:122 Resp: 145734
Ion Ratio Lower Upper
122 100
105 122.9 97.0 137.0
77 92.2 65.7 105.7



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

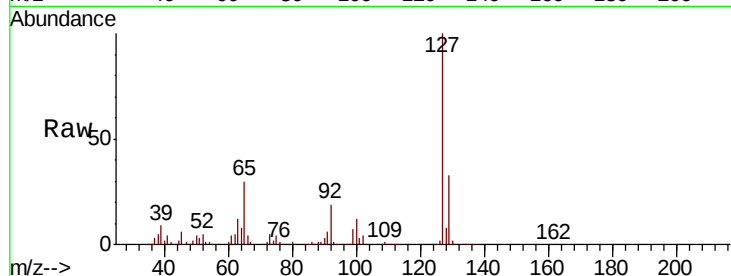




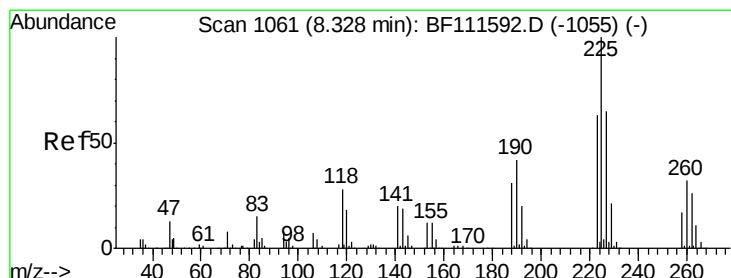
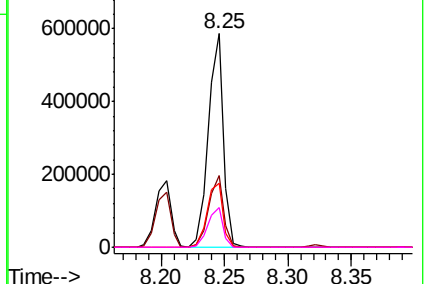
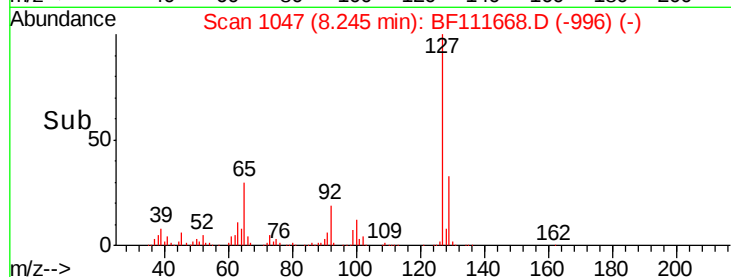
#33
4-Chloroaniline
Concen: 39.558 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	489272
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.6	39.8
65	29.8	25.7	38.5
92	18.6	15.4	23.2

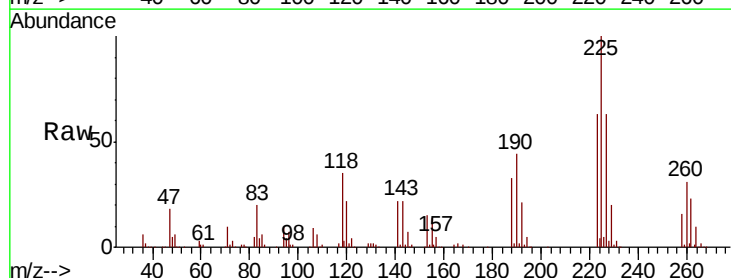


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

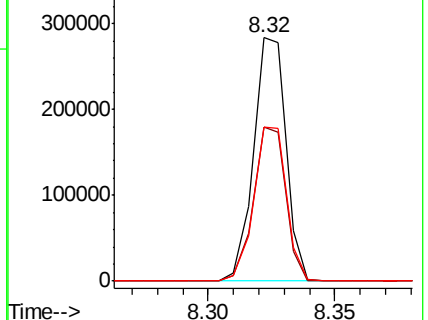
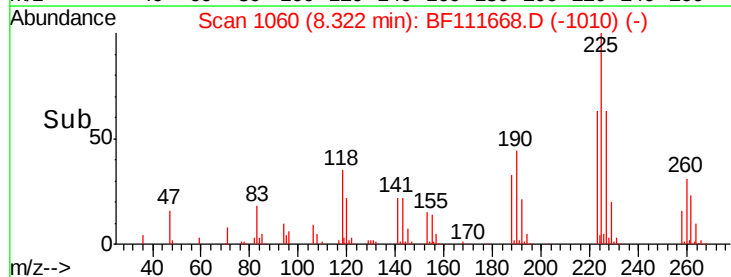


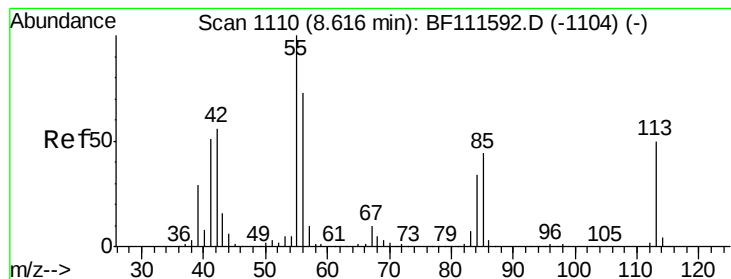
#34
Hexachlorobutadiene
Concen: 40.549 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

Tgt Ion:	225	Resp:	253960
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.7	76.1
227	63.4	52.6	78.8



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





#35

Caprolactam

Concen: 36.442 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

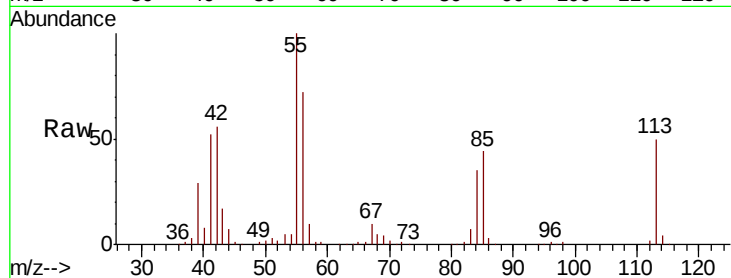
Tgt Ion:113 Resp: 113875

Ion Ratio Lower Upper

113 100

55 200.3 184.1 224.1

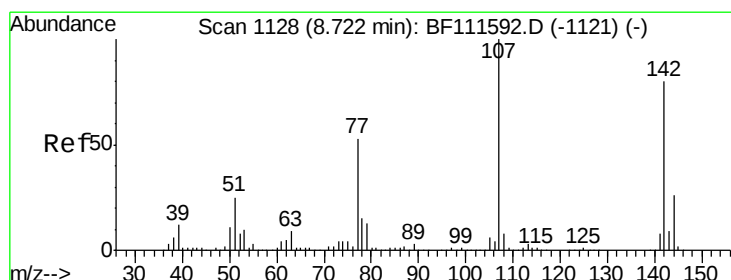
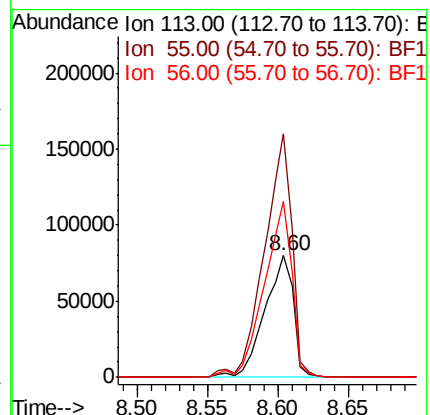
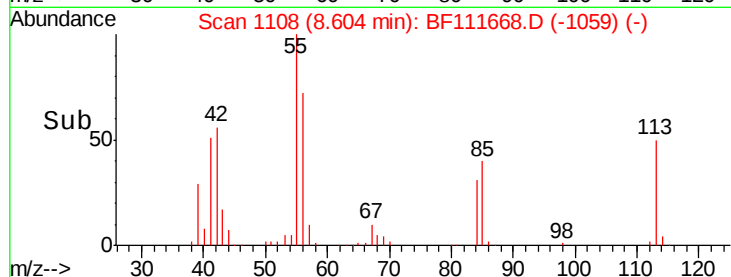
56 144.1 126.0 166.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 36.561 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

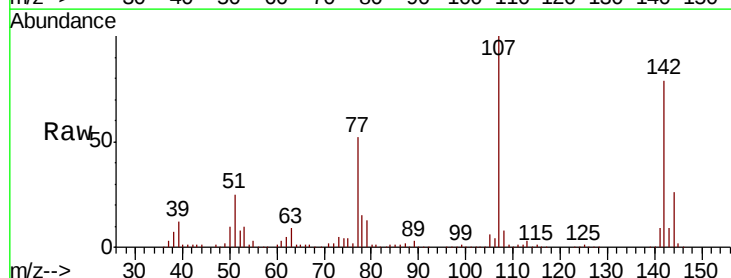
Tgt Ion:107 Resp: 331421

Ion Ratio Lower Upper

107 100

144 25.6 19.8 29.6

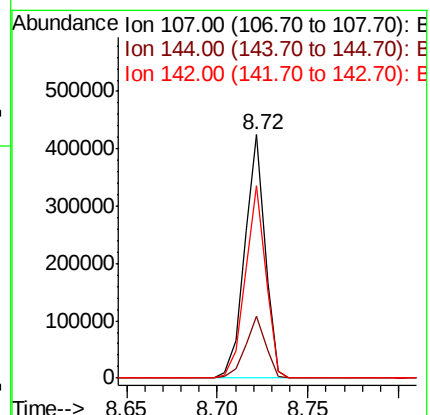
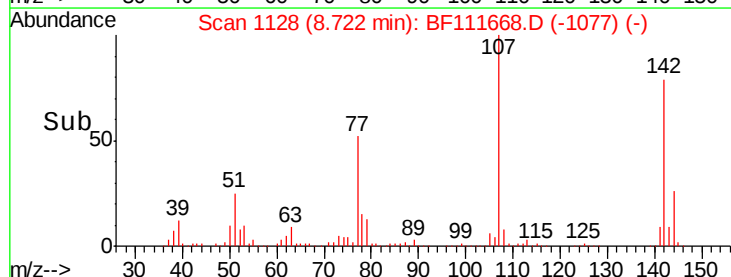
142 79.0 62.3 93.5

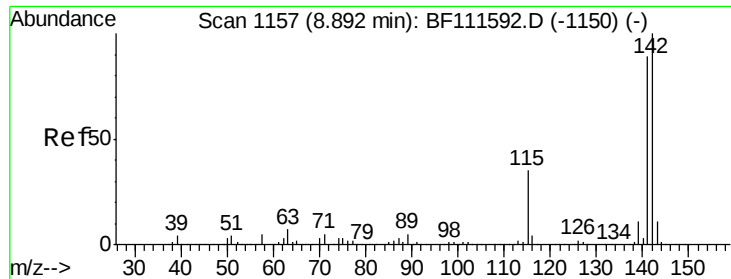


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

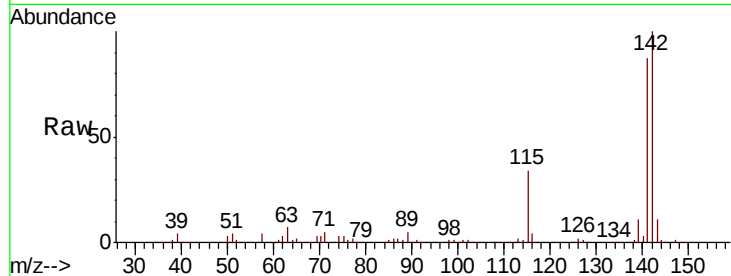




#37
2-Methylnaphthalene
Concen: 38.750 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.6	105.8
115	33.8	27.0	40.6

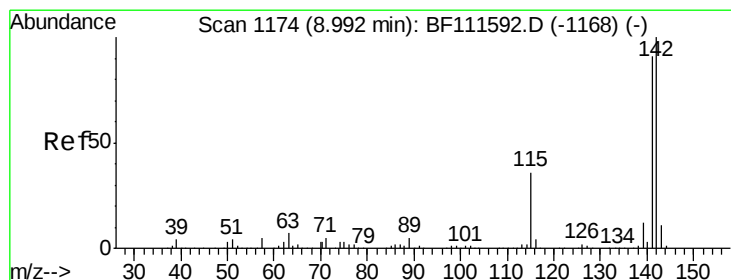
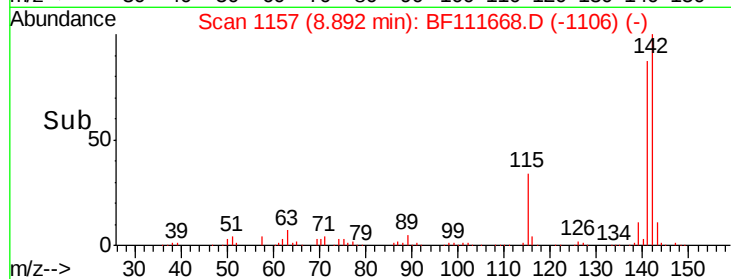
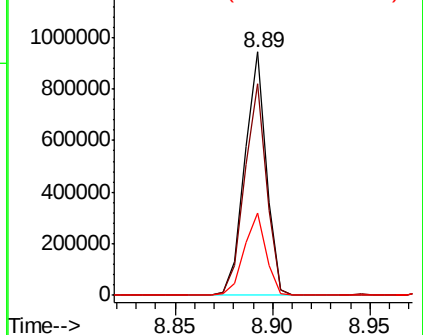


Abundance

Ion 142.00 (141.70 to 142.70): E

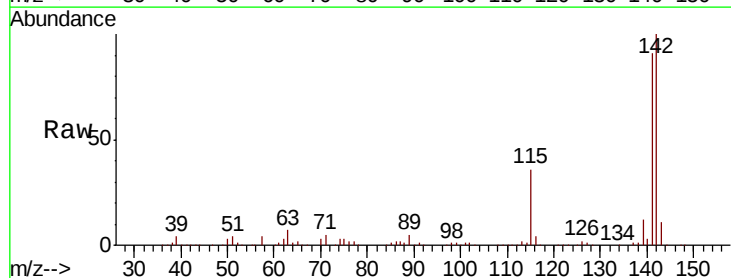
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.510 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	74.2	111.4
116	3.8	2.9	4.3

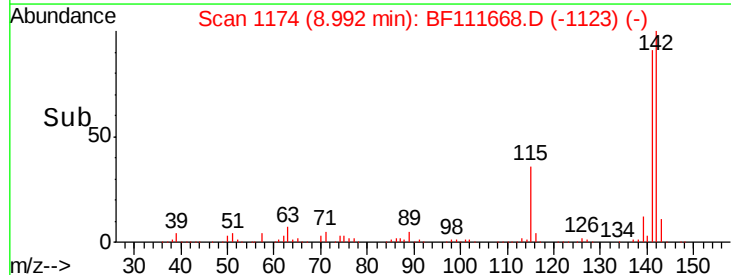
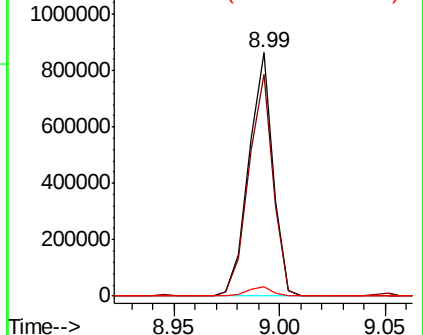


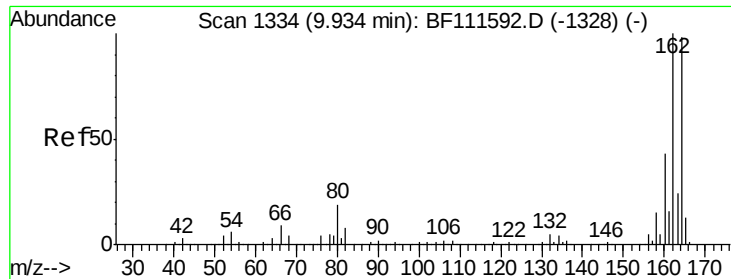
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

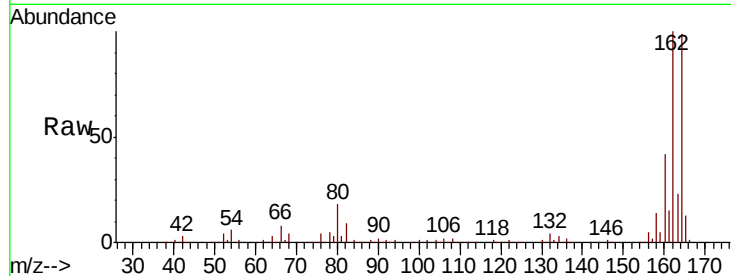
Tgt Ion:164 Resp: 262010

Ion Ratio Lower Upper

164 100

162 101.5 81.4 122.0

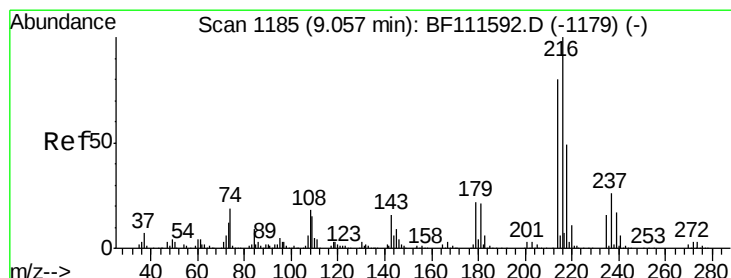
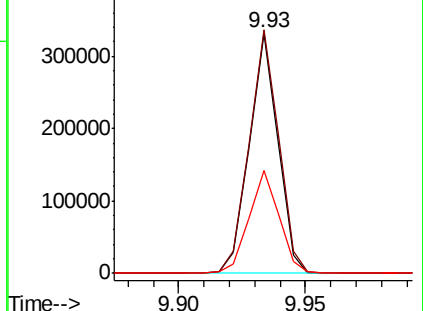
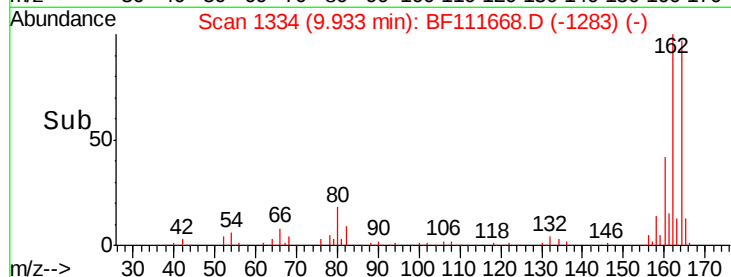
160 42.7 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.757 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

Tgt Ion:216 Resp: 385341

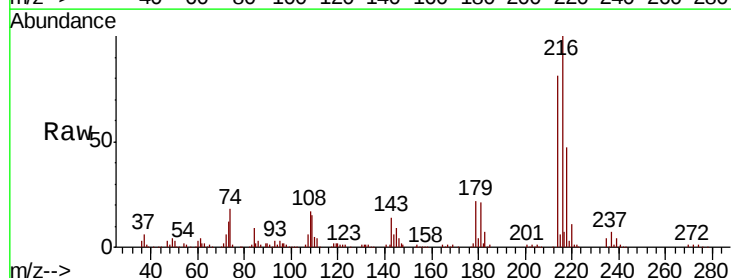
Ion Ratio Lower Upper

216 100

214 80.2 63.8 95.8

179 20.8 17.9 26.9

108 16.4 18.4 27.6#

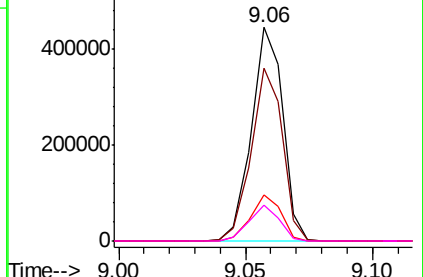
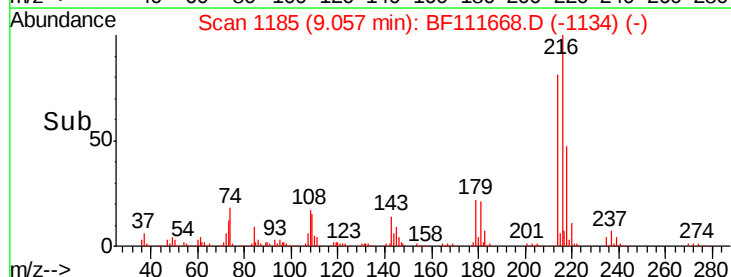


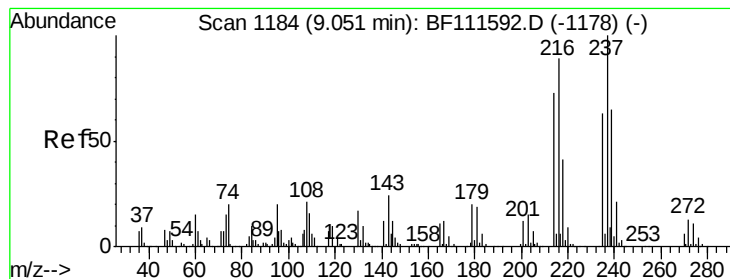
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 15.185 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

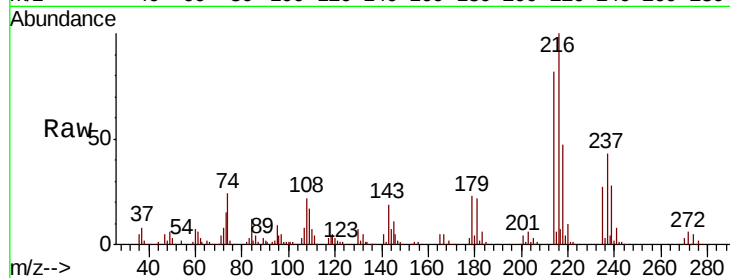
Tgt Ion: 237 Resp: 63442

Ion Ratio Lower Upper

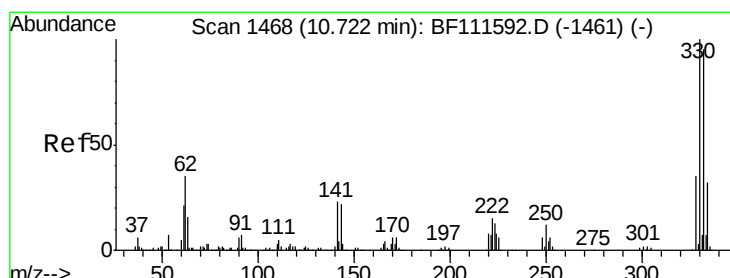
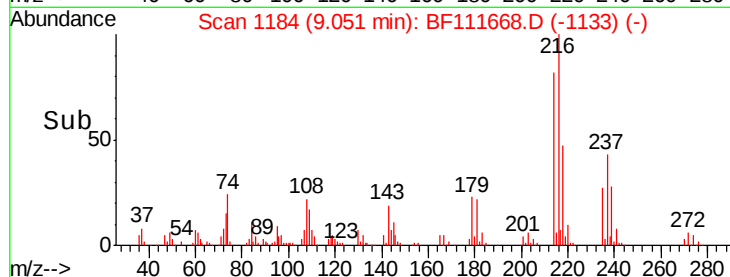
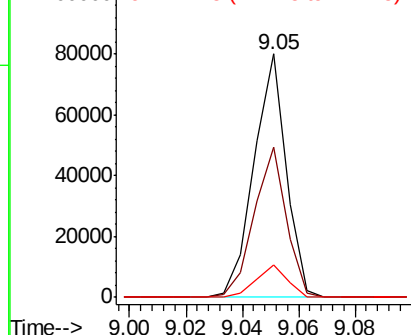
237 100

235 61.5 43.1 83.1

272 13.1 0.0 33.0



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



#42

2,4,6-Tribromophenol

Concen: 75.729 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

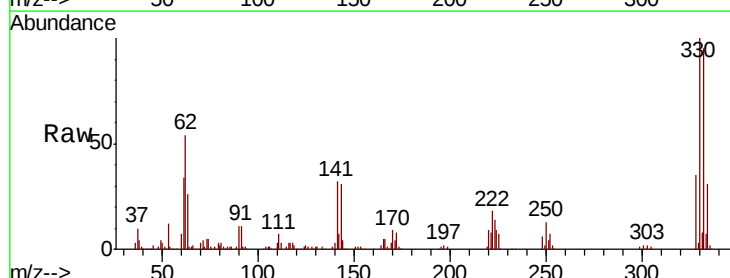
Tgt Ion: 330 Resp: 234446

Ion Ratio Lower Upper

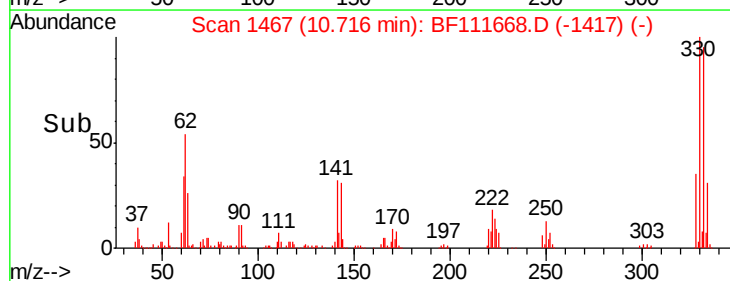
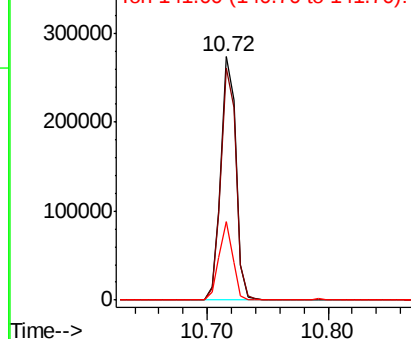
330 100

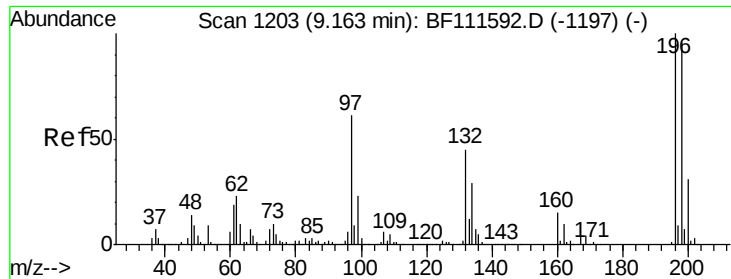
332 95.5 76.0 114.0

141 29.3 31.0 46.6#



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

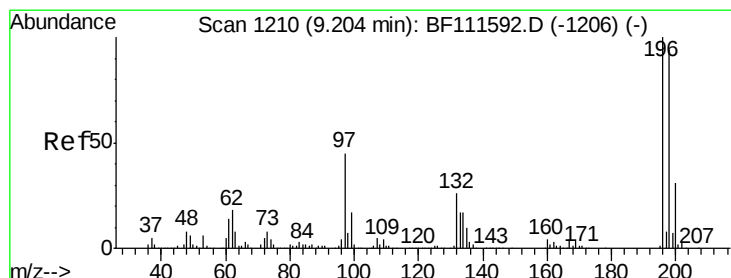
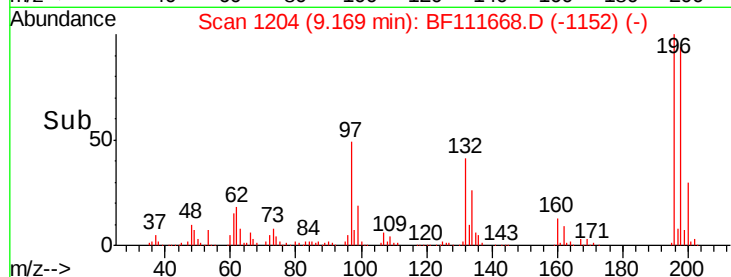
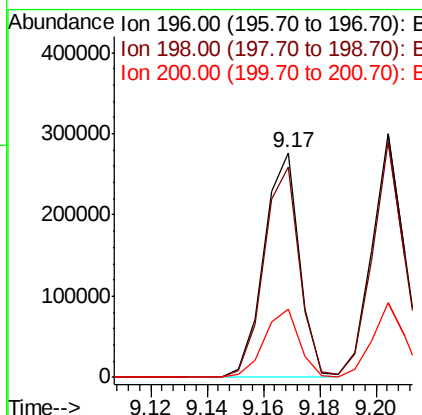
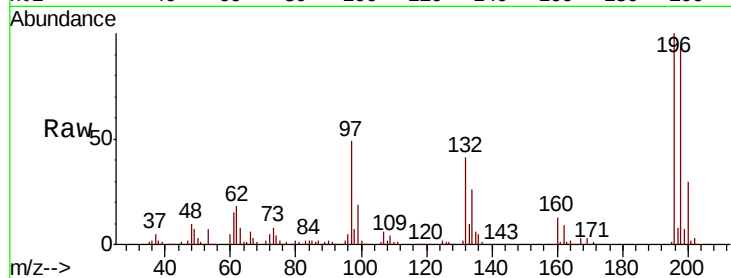




#43
 2,4,6-Trichlorophenol
 Concen: 41.862 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF111668.D
 Acq: 21 Dec 2018 5:17

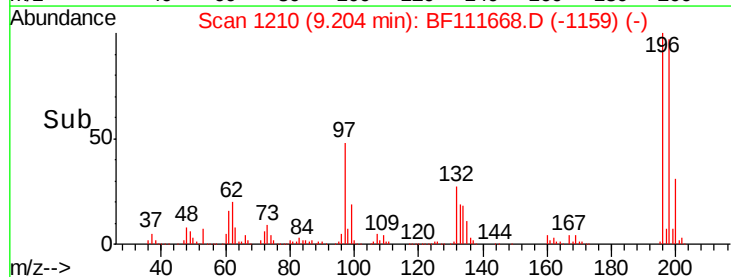
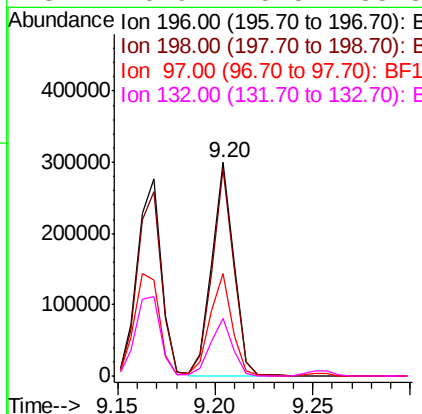
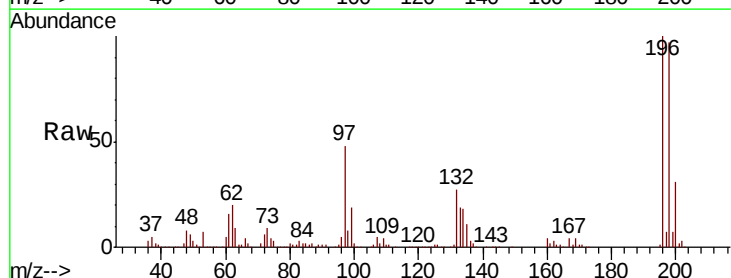
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

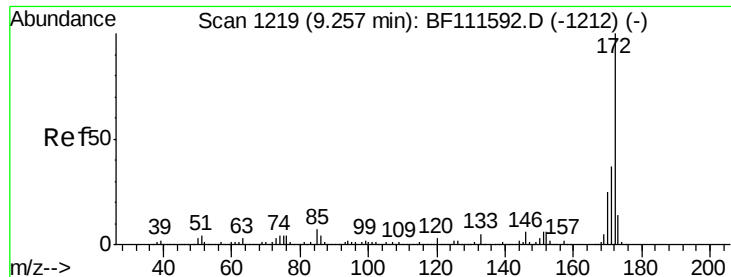
Tgt Ion:196 Resp: 240633
 Ion Ratio Lower Upper
 196 100
 198 93.9 76.3 114.5
 200 30.4 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 39.883 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF111668.D
 Acq: 21 Dec 2018 5:17

Tgt Ion:196 Resp: 235195
 Ion Ratio Lower Upper
 196 100
 198 96.9 72.9 109.3
 97 48.2 45.3 67.9
 132 26.9 25.5 38.3

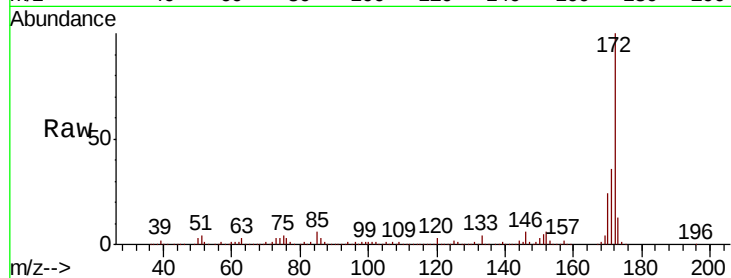




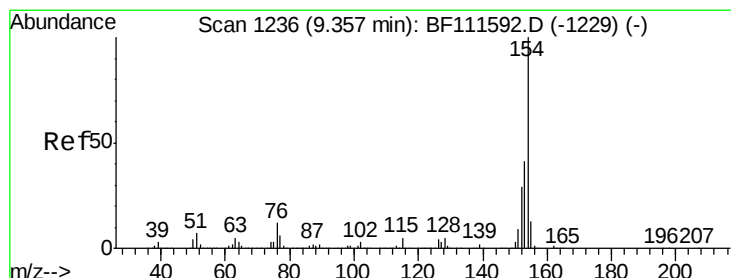
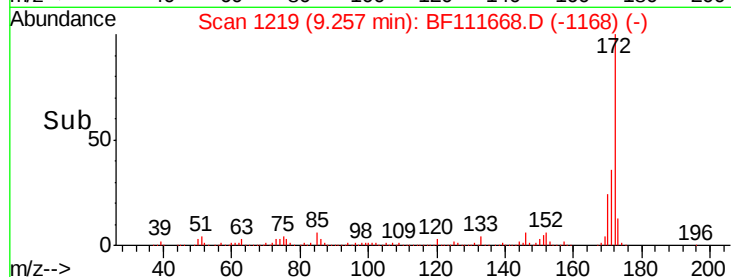
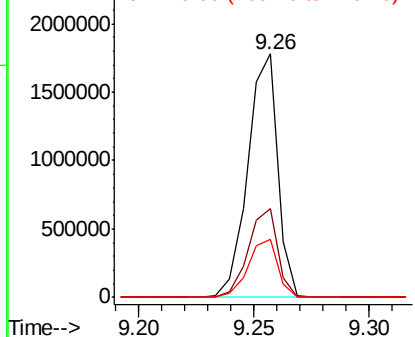
#45
2-Fluorobiphenyl
Concen: 89.583 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1610327
Ion Ratio Lower Upper
172 100
171 36.4 33.0 49.4
170 24.1 22.3 33.5

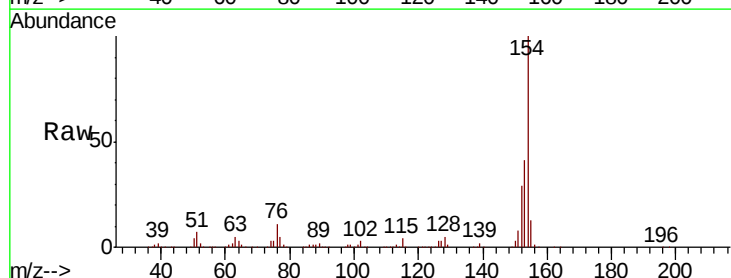


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

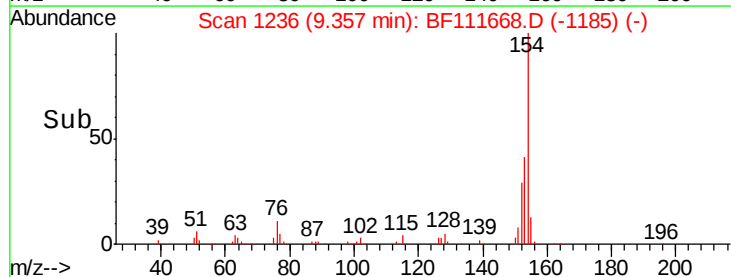
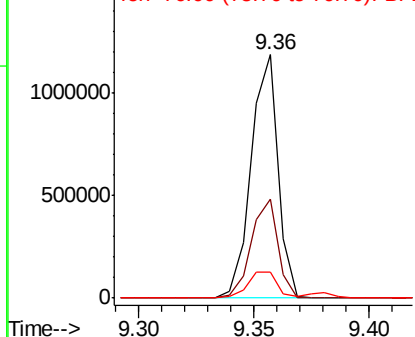


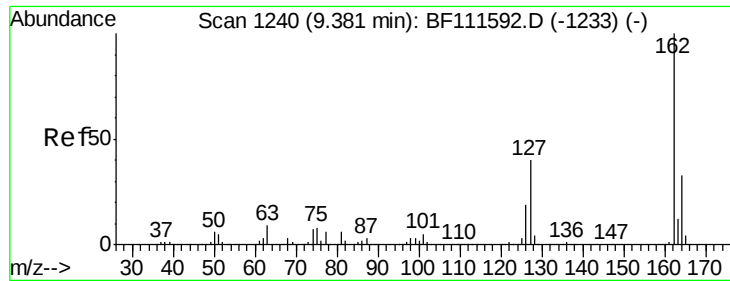
#46
1,1'-Biphenyl
Concen: 43.658 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

Tgt Ion:154 Resp: 965620
Ion Ratio Lower Upper
154 100
153 40.8 23.7 63.7
76 10.9 0.0 35.0



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

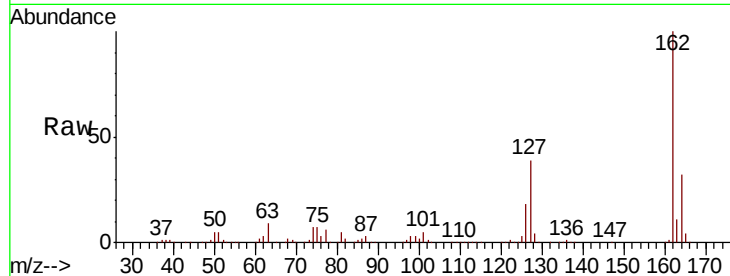




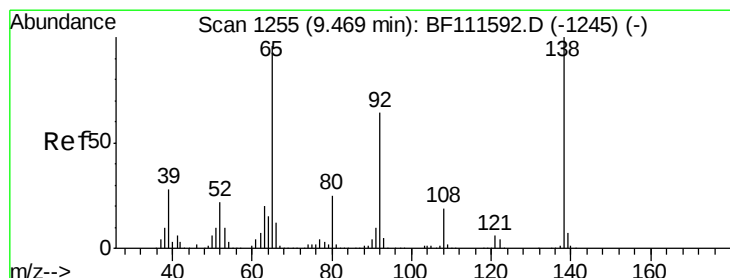
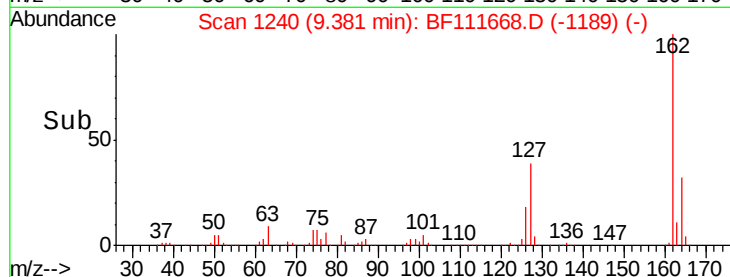
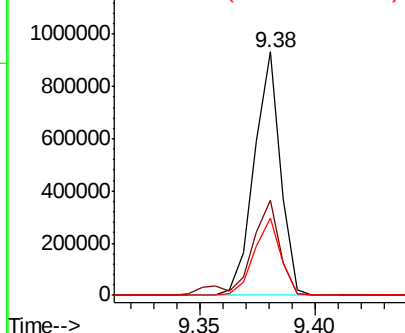
#47
 2-Chloronaphthalene
 Concen: 42.475 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF111668.D
 Acq: 21 Dec 2018 5:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.1	35.0	52.4
164	31.9	28.4	42.6

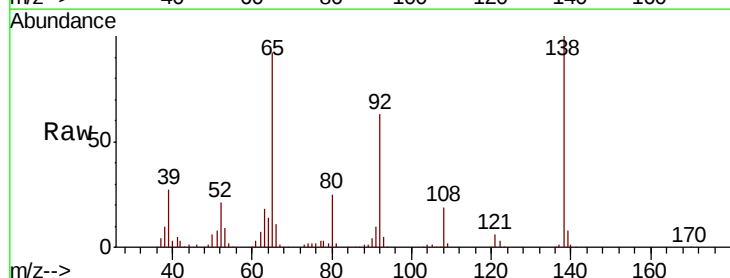


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

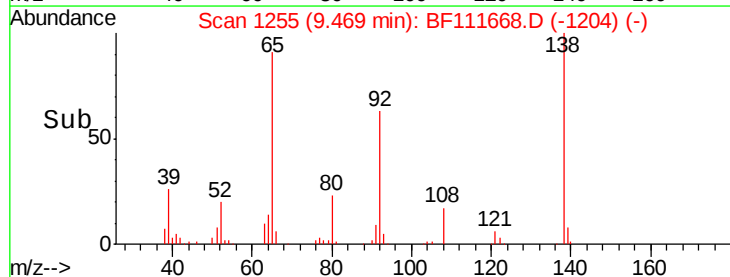
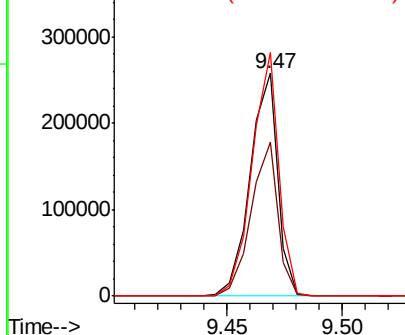


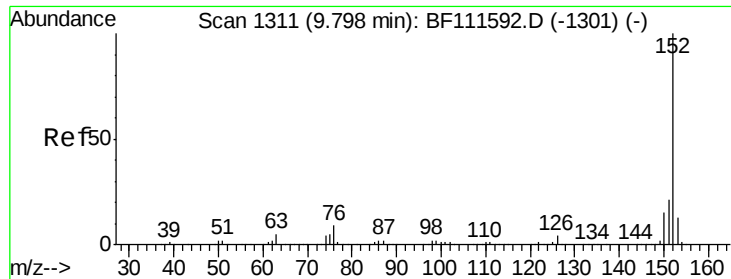
#48
 2-Nitroaniline
 Concen: 47.436 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF111668.D
 Acq: 21 Dec 2018 5:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.2	53.5	80.3
138	109.2	80.9	121.3



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





#49

Acenaphthylene

Concen: 40.621 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

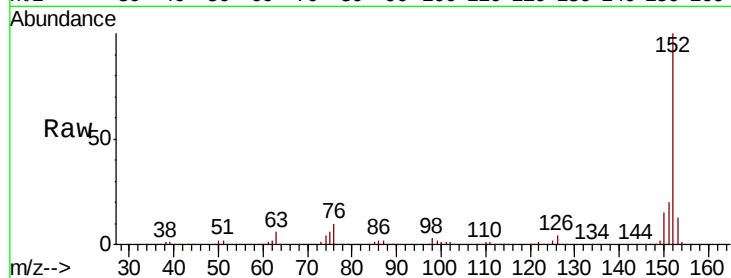
Tgt Ion:152 Resp: 1039307

Ion Ratio Lower Upper

152 100

151 20.2 18.0 27.0

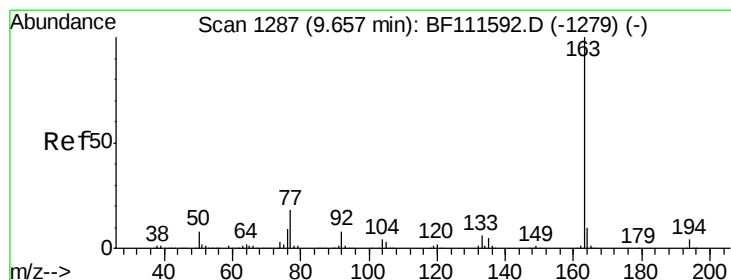
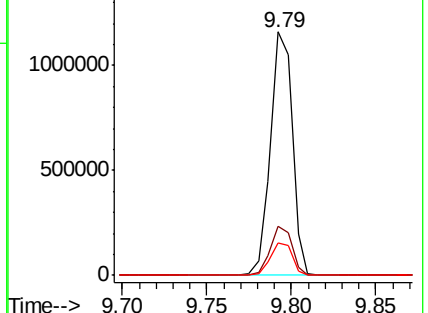
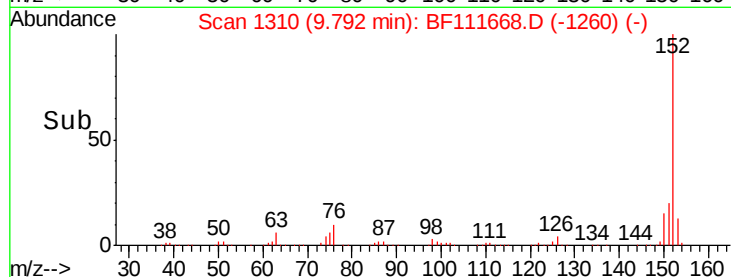
153 13.5 12.3 18.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.755 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

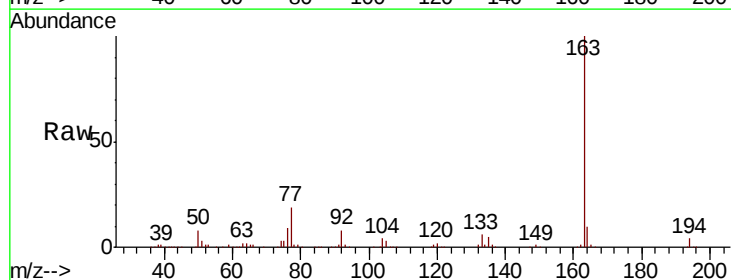
Tgt Ion:163 Resp: 819181

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

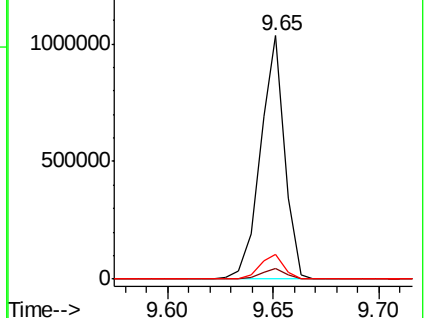
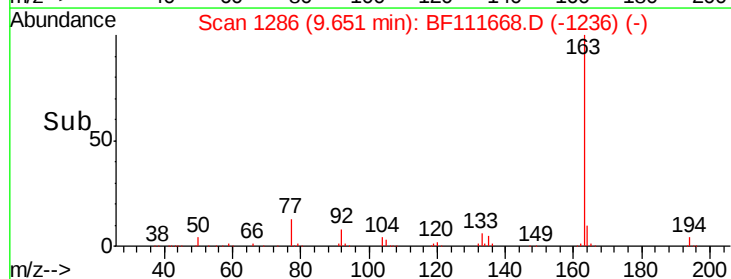
164 10.3 8.9 13.3

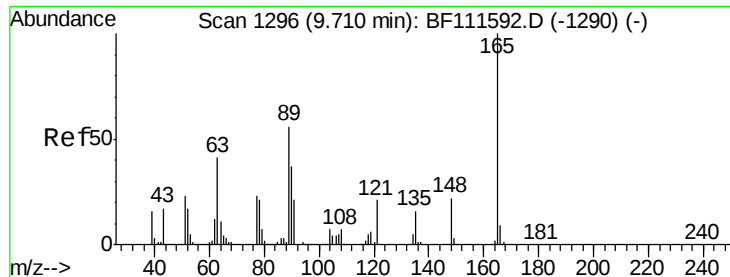


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.632 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

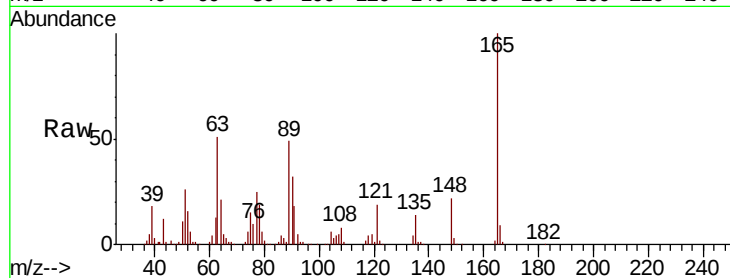
Tgt Ion:165 Resp: 174336

Ion Ratio Lower Upper

165 100

63 50.8 40.5 60.7

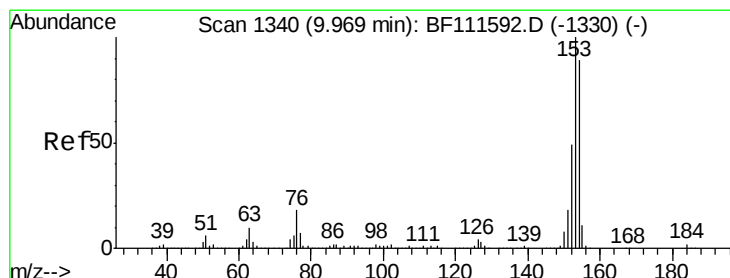
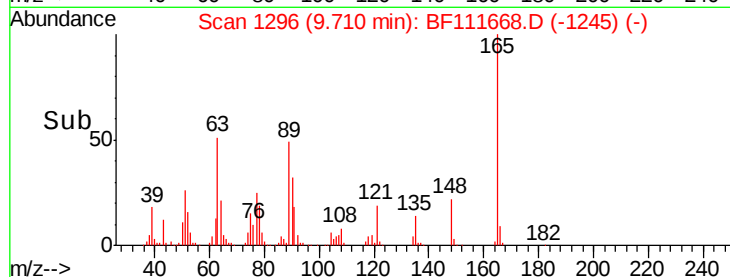
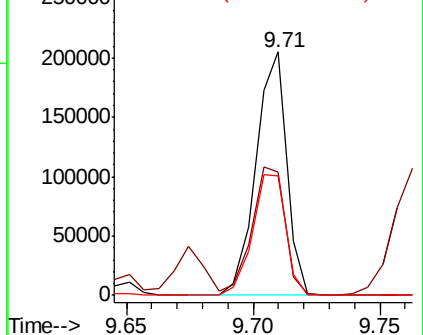
89 49.2 40.0 60.0



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: 39.794 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

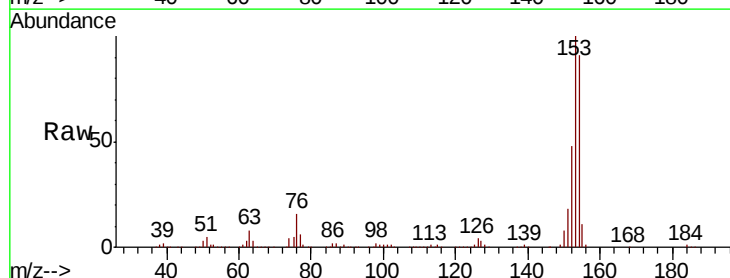
Tgt Ion:154 Resp: 627956

Ion Ratio Lower Upper

154 100

153 110.3 87.8 131.8

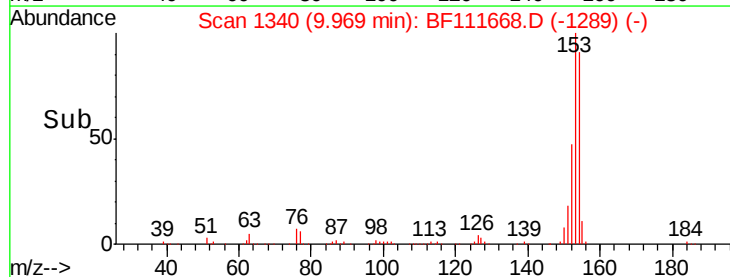
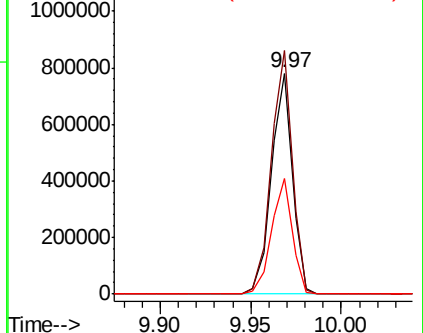
152 52.5 43.4 65.2

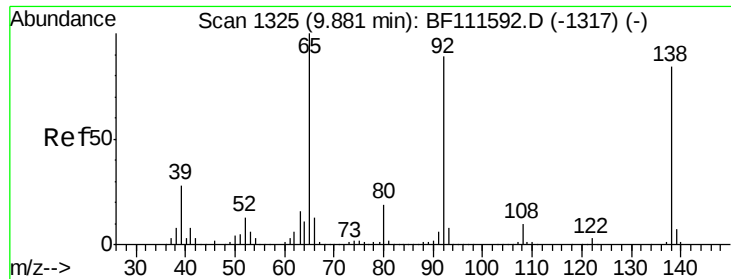


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

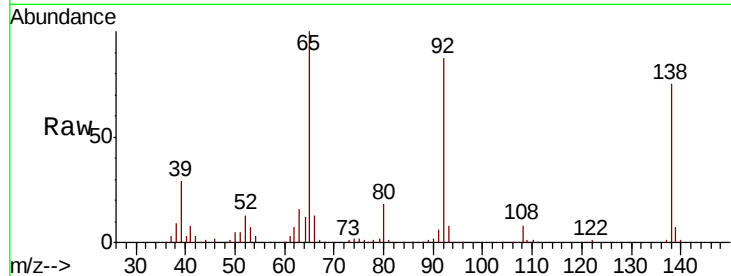




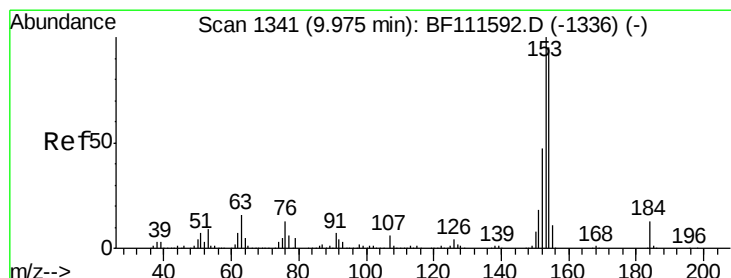
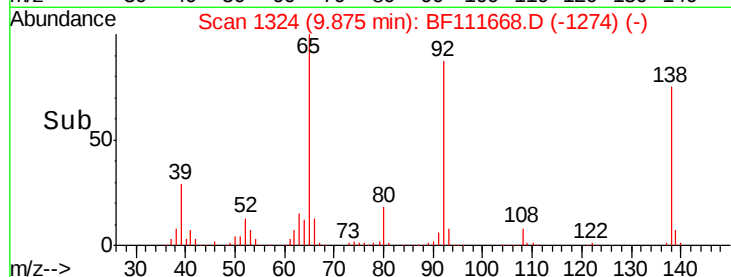
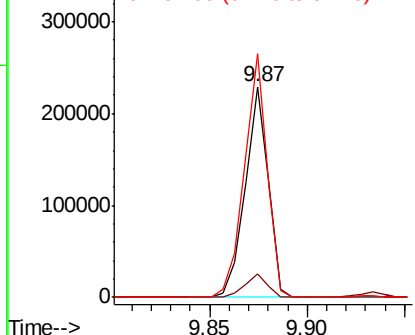
#53
3-Nitroaniline
Concen: 45.997 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 187416
Ion Ratio Lower Upper
138 100
108 11.0 8.2 12.4
92 115.6 93.4 140.2

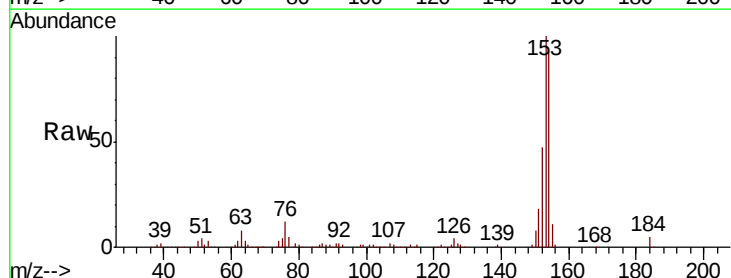


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

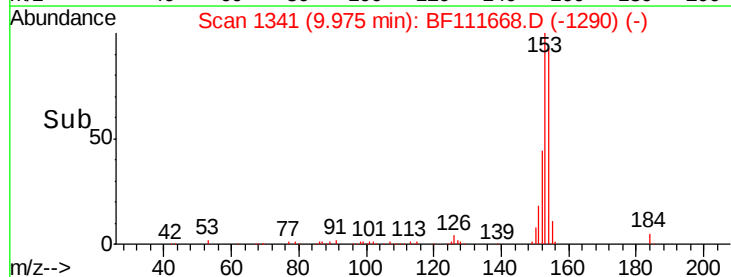
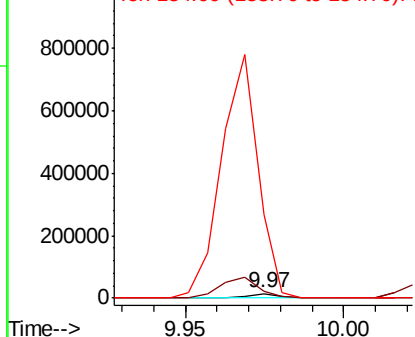


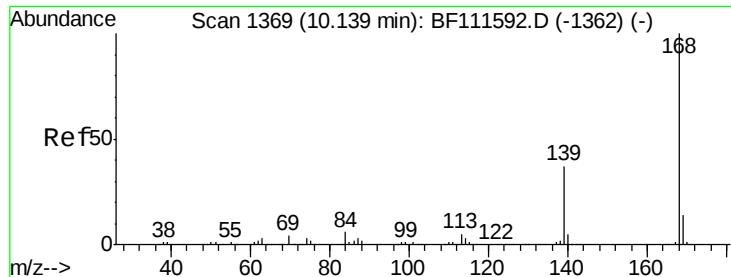
#54
2,4-Dinitrophenol
Concen: 15.276 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

Tgt Ion:184 Resp: 10752
Ion Ratio Lower Upper
184 100
63 162.6 62.3 93.5#
154 1843.3 56.2 84.2#



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





#55

Dibenzofuran

Concen: 39.705 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

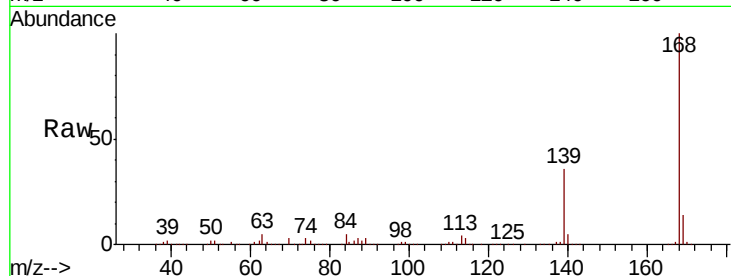
Tgt Ion:168 Resp: 946596

Ion Ratio Lower Upper

168 100

139 36.4 32.6 49.0

169 13.5 11.8 17.6

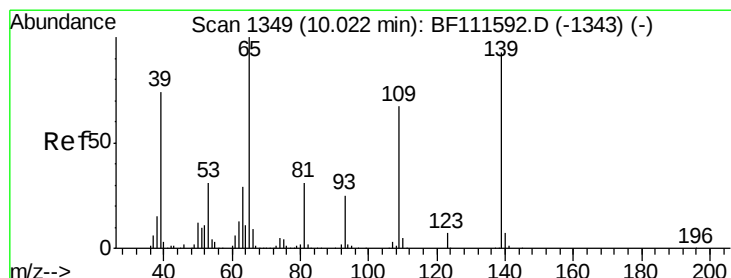
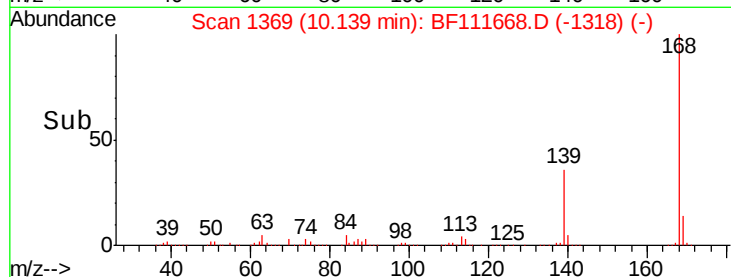
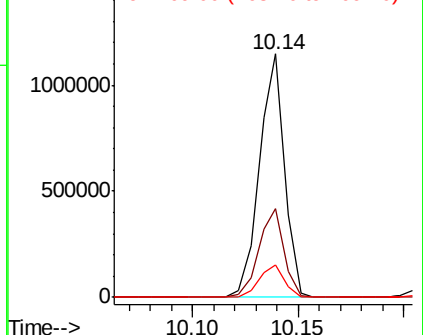


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 40.331 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

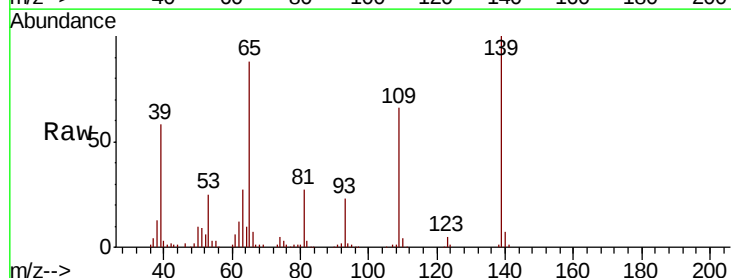
Tgt Ion:139 Resp: 125408

Ion Ratio Lower Upper

139 100

109 65.7 41.8 81.8

65 87.9 79.6 119.6

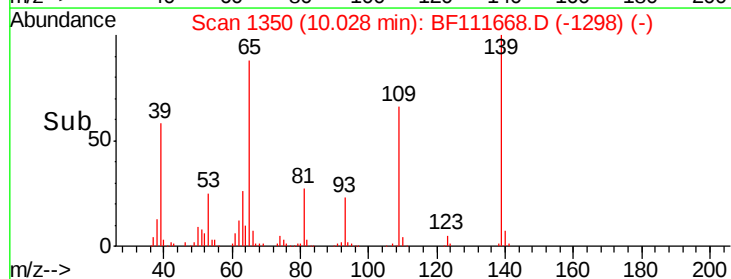
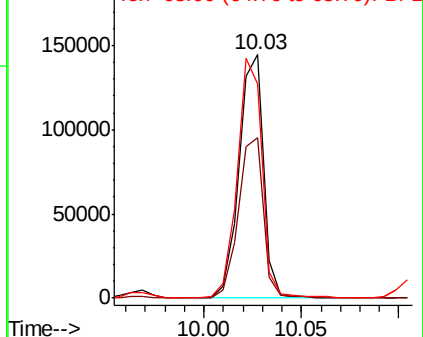


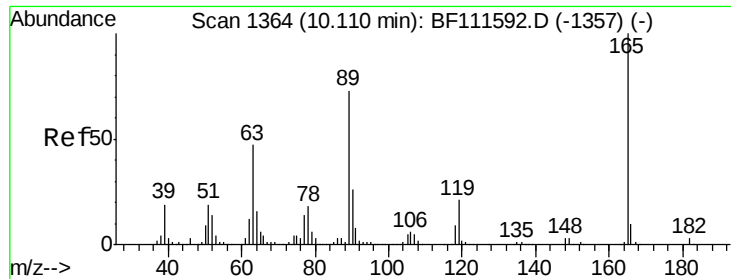
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

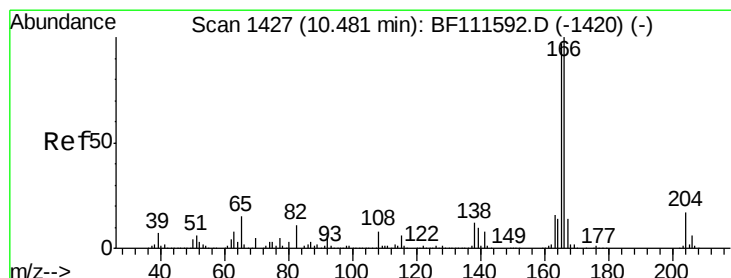
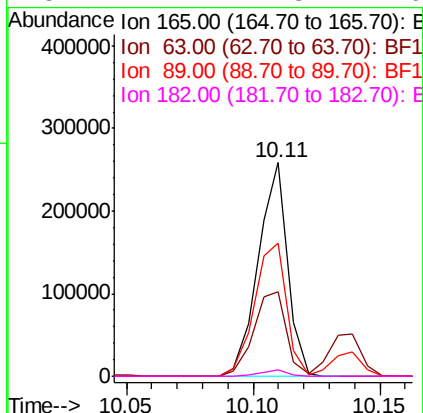
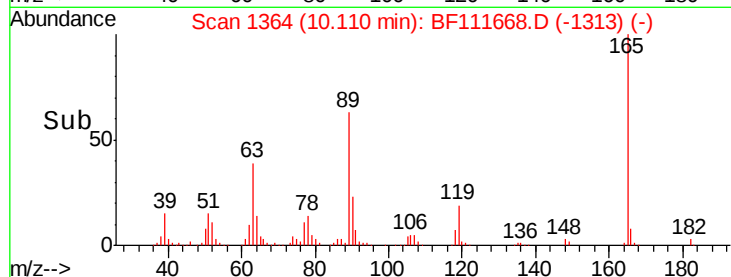
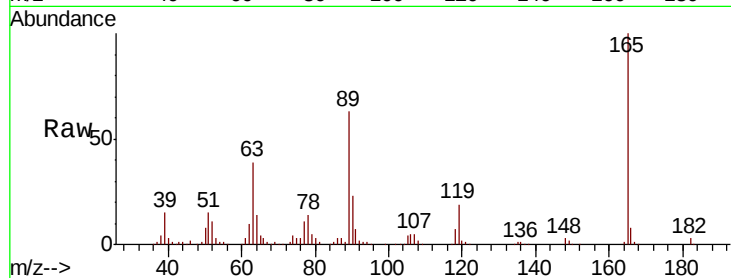




#57
2,4-Dinitrotoluene
Concen: 45.325 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

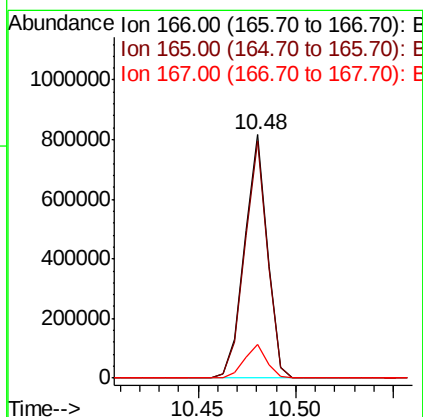
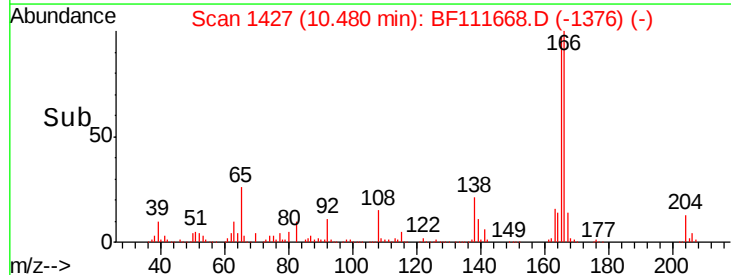
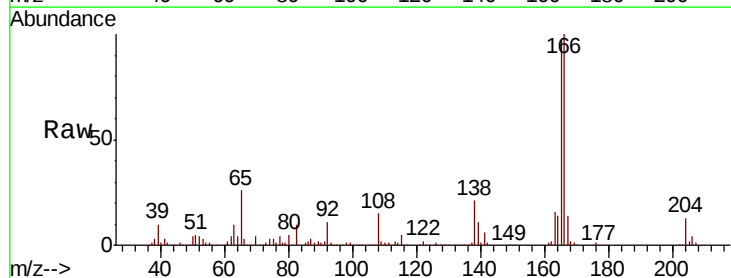
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

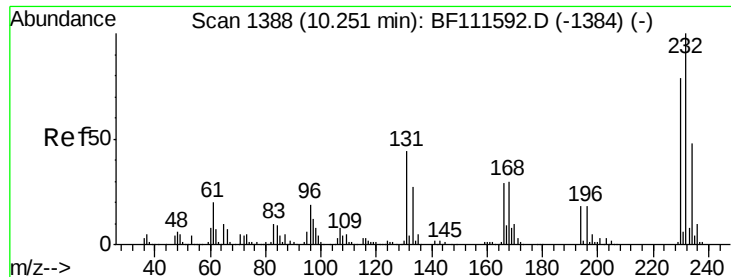
Tgt Ion:	165	Resp:	208121
Ion	Ratio	Lower	Upper
165	100		
63	39.3	34.6	52.0
89	62.6	56.2	84.4
182	2.7	1.8	2.6#



#58
Fluorene
Concen: 38.272 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

Tgt Ion:	166	Resp:	657476
Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.4	117.6
167	13.6	11.2	16.8

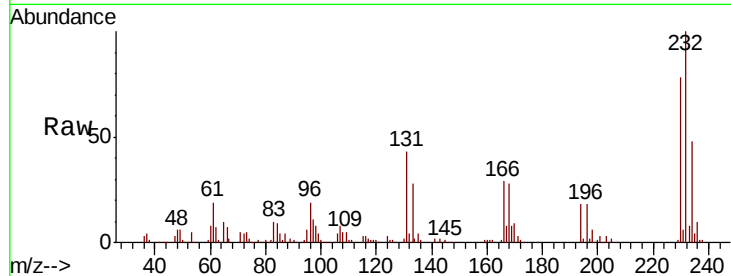




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.387 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.2	40.9	61.3
130	2.0	2.0	3.0
166	29.3	26.8	40.2



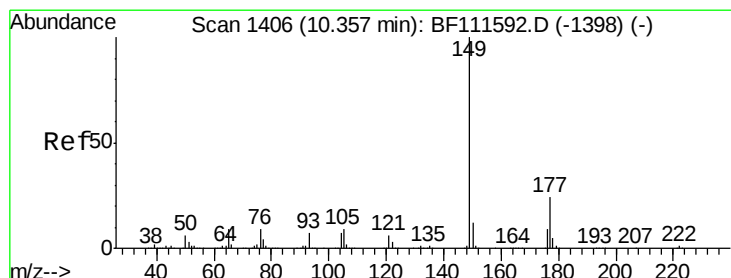
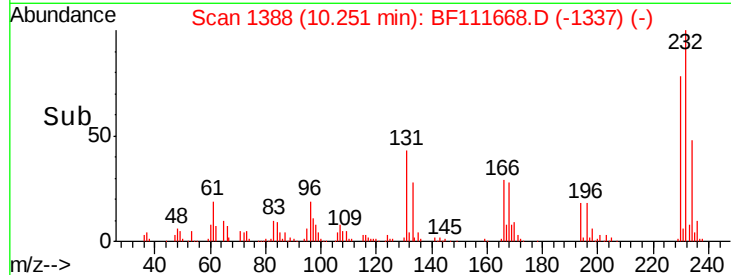
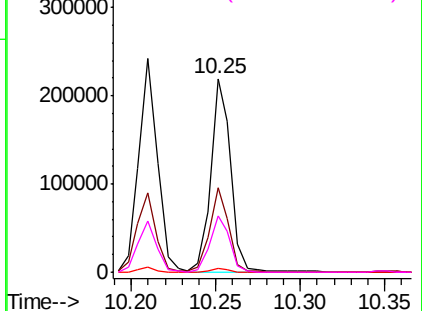
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

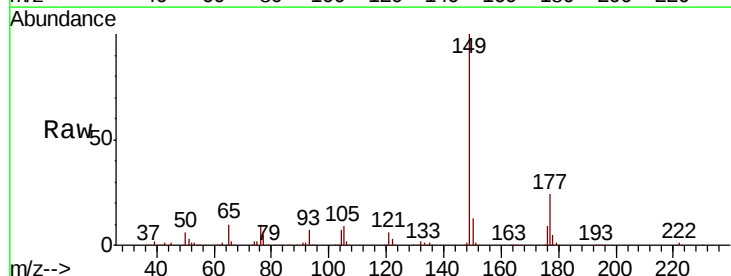
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.666 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	18.3	27.5
150	12.8	10.6	15.8

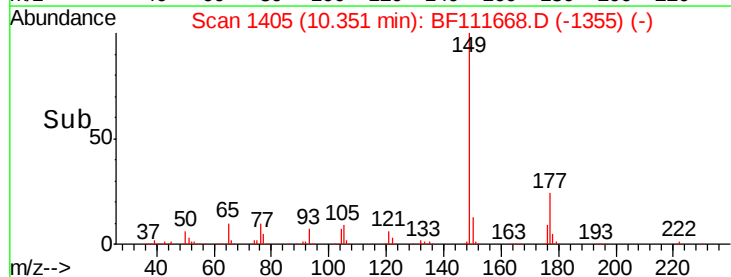
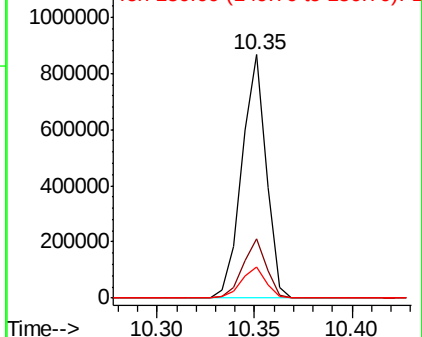


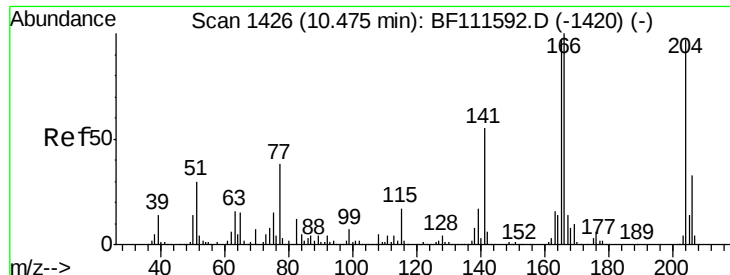
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

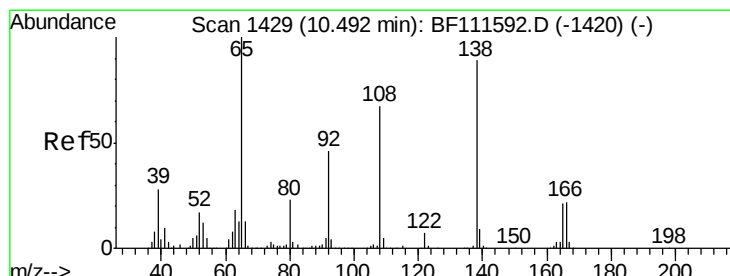
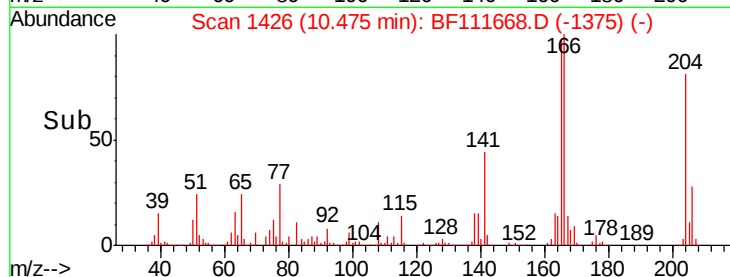
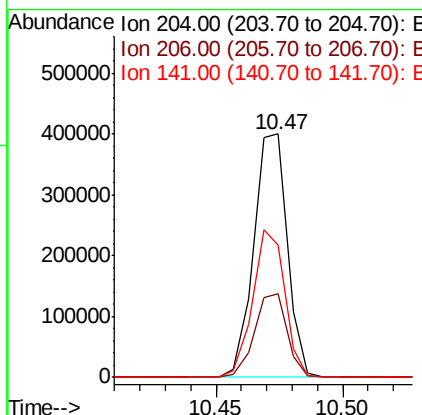
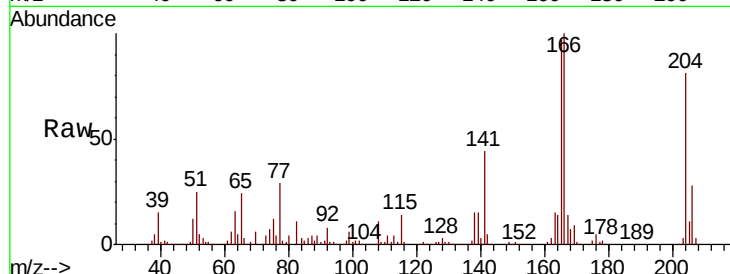




#61
 4-Chlorophenyl-phenylether
 Concen: 39.155 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BF111668.D
 Acq: 21 Dec 2018 5:17

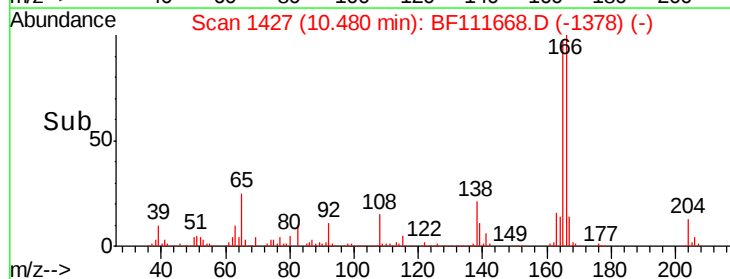
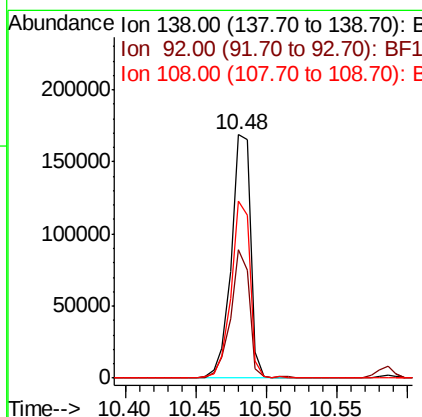
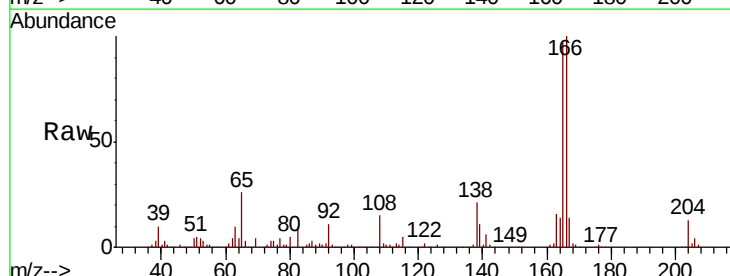
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

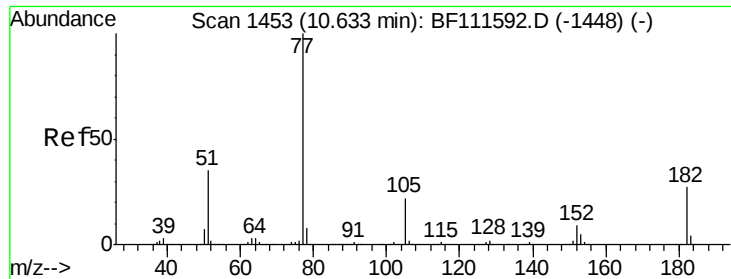
Tgt Ion: 204 Resp: 371631
 Ion Ratio Lower Upper
 204 100
 206 34.3 26.6 39.8
 141 54.4 52.6 78.8



#62
 4-Nitroaniline
 Concen: 40.715 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF111668.D
 Acq: 21 Dec 2018 5:17

Tgt Ion: 138 Resp: 161237
 Ion Ratio Lower Upper
 138 100
 92 52.8 29.9 69.9
 108 72.6 43.2 83.2

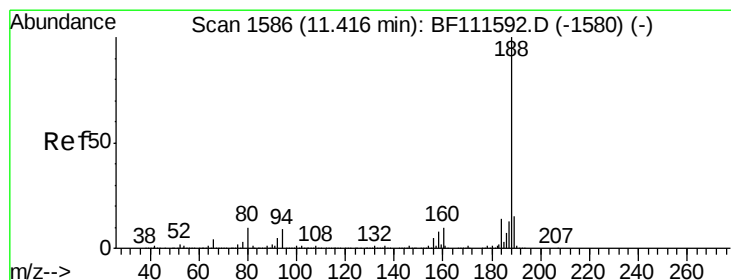
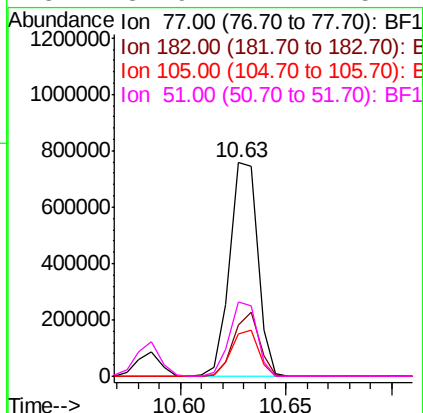
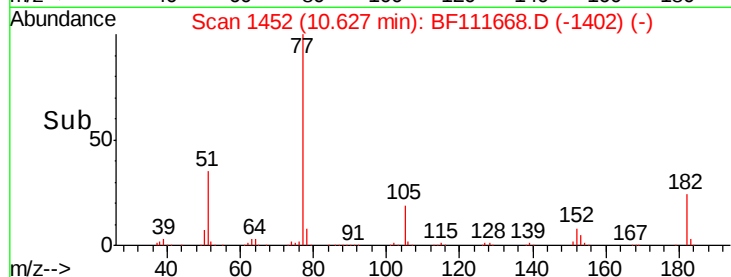
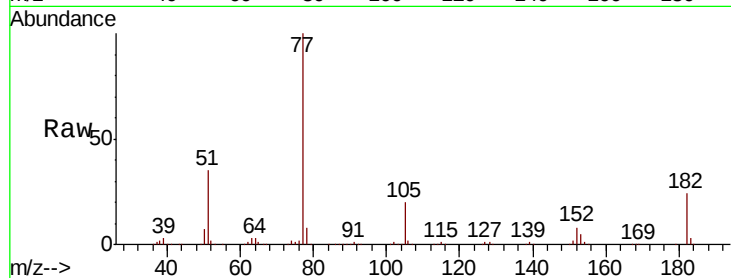




#63
Azobenzene
Concen: 36.776 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

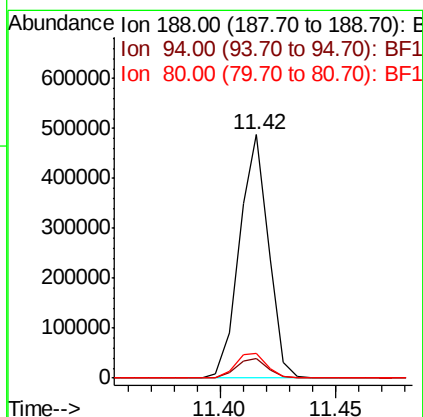
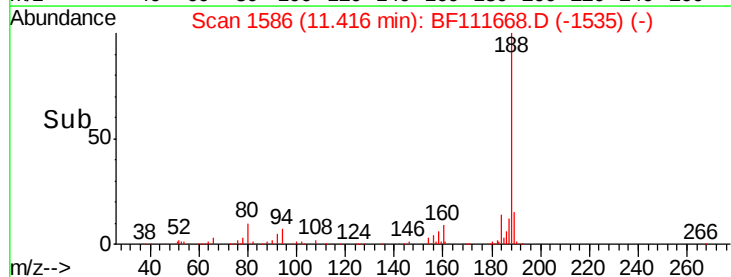
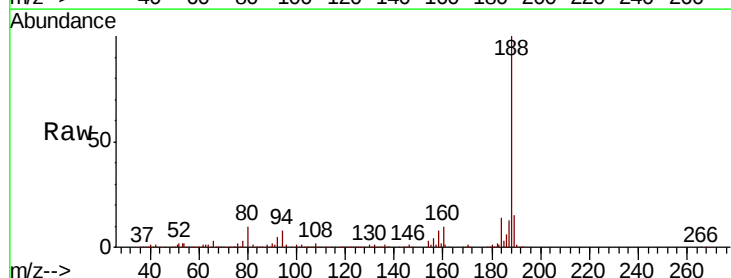
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

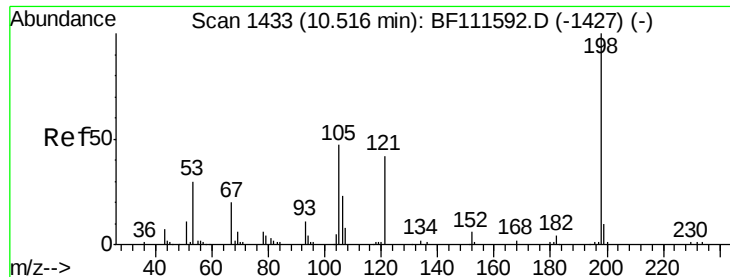
Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.8	4.9	44.9
105	19.7	6.0	46.0
51	34.9	14.7	54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	9.6	14.4#
80	10.4	9.8	14.6

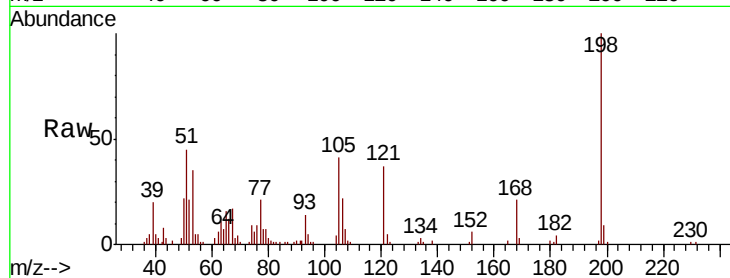




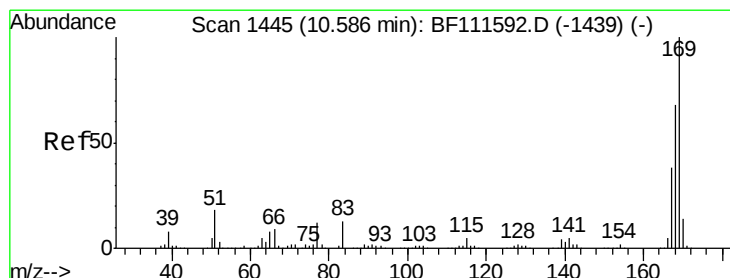
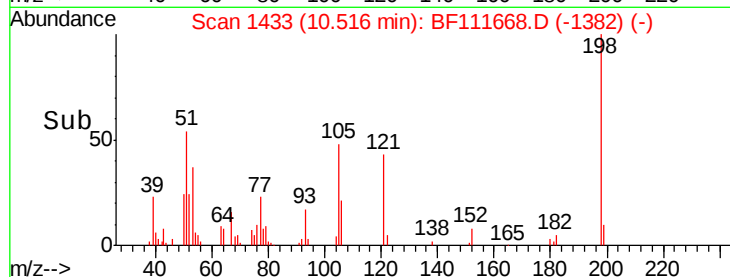
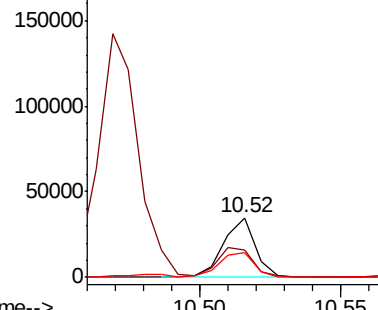
#65
4,6-Dinitro-2-methylphenol
Concen: 20.081 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 27322
Ion Ratio Lower Upper
198 100
51 45.0 48.0 88.0#
105 40.6 34.0 74.0

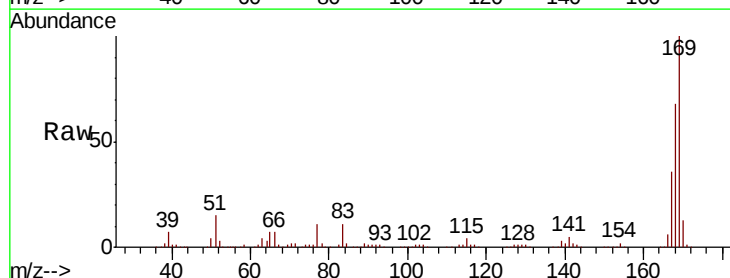


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

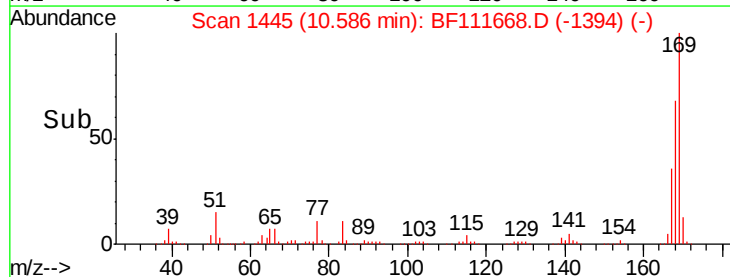
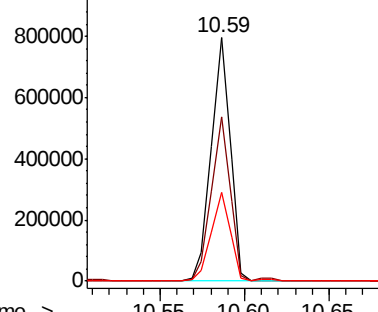


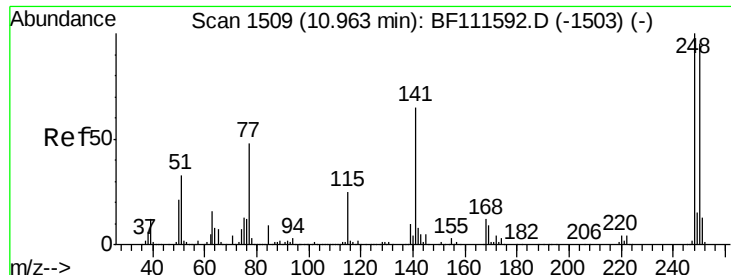
#66
n-Nitrosodiphenylamine
Concen: 43.819 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

Tgt Ion:169 Resp: 625042
Ion Ratio Lower Upper
169 100
168 67.7 54.4 81.6
167 36.4 30.5 45.7



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

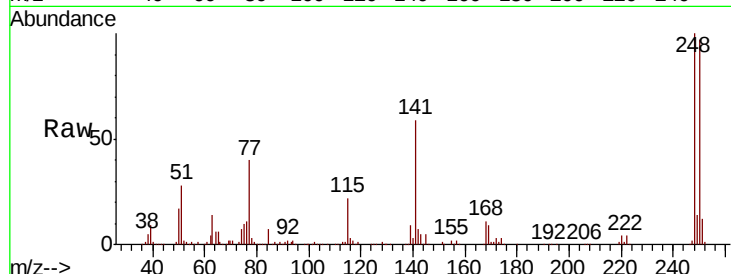




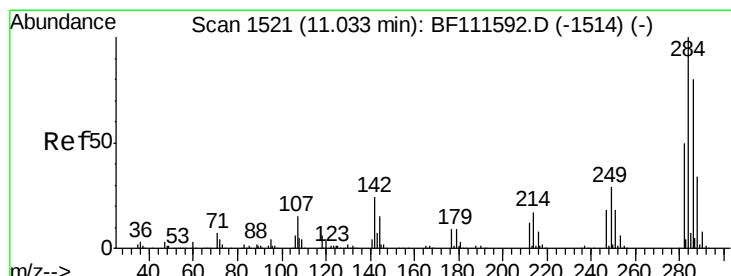
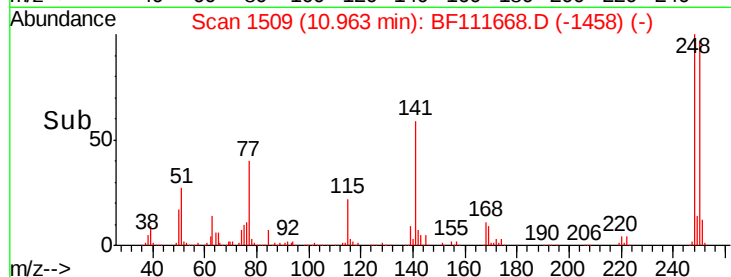
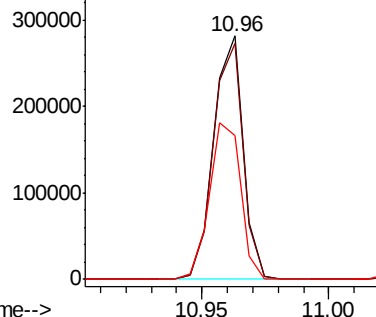
#67
 4-Bromophenyl-phenylether
 Concen: 43.242 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BF111668.D
 Acq: 21 Dec 2018 5:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 248 Resp: 227908
 Ion Ratio Lower Upper
 248 100
 250 96.8 77.0 115.4
 141 58.9 63.0 94.6#

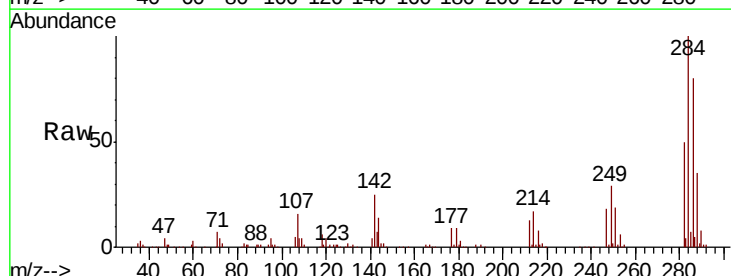


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

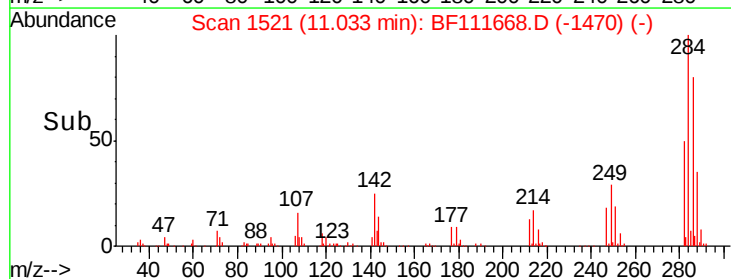
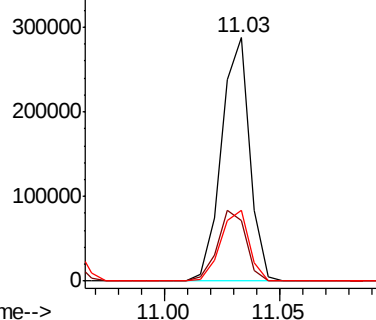


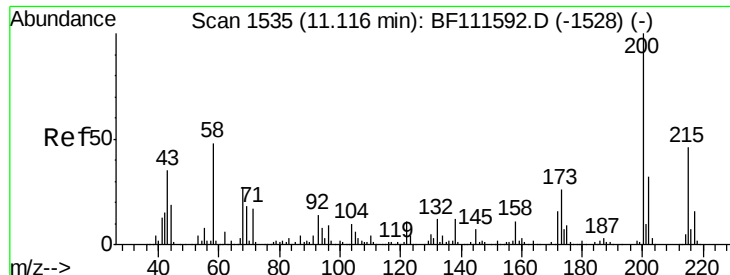
#68
 Hexachlorobenzene
 Concen: 41.804 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.00 min
 Lab File: BF111668.D
 Acq: 21 Dec 2018 5:17

Tgt Ion: 284 Resp: 245663
 Ion Ratio Lower Upper
 284 100
 142 24.9 27.4 41.2#
 249 29.0 24.4 36.6



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





#69

Atrazine

Concen: 40.587 ng

RT: 11.11 min Scan# 1534

Delta R.T. -0.01 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

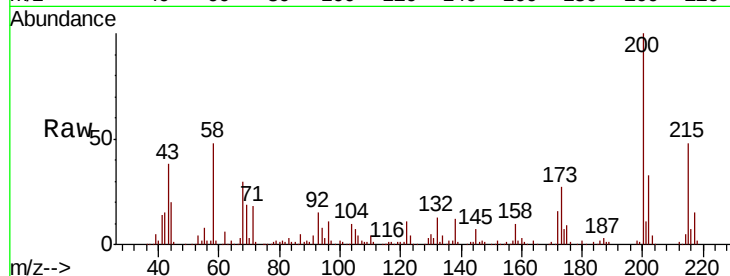
Tgt Ion:200 Resp: 201125

Ion Ratio Lower Upper

200 100

173 26.6 10.1 50.1

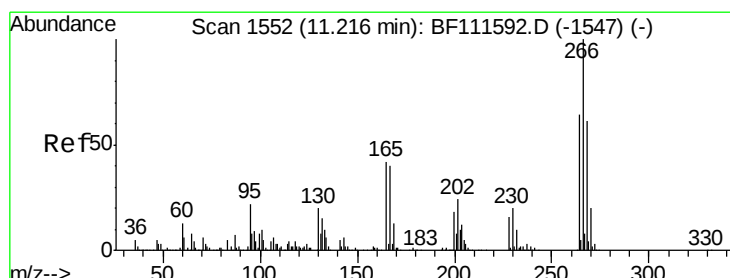
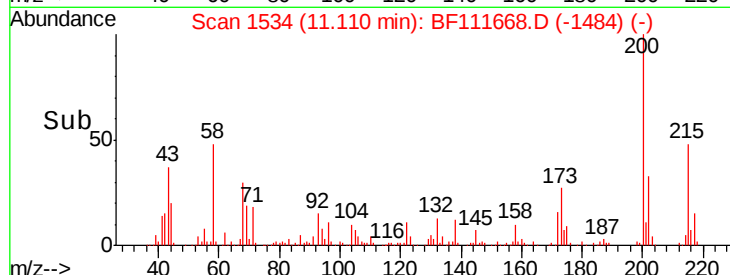
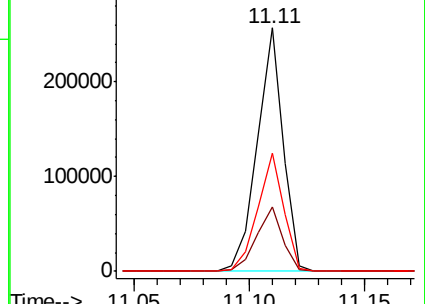
215 48.3 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 40.817 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

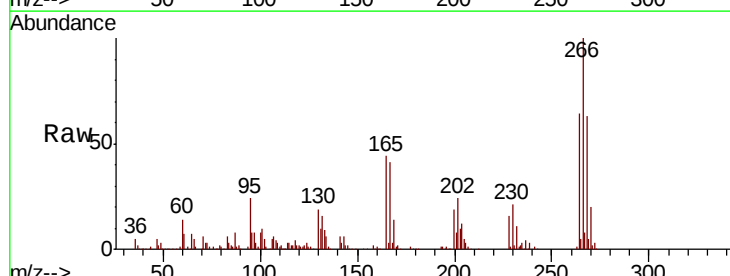
Tgt Ion:266 Resp: 148288

Ion Ratio Lower Upper

266 100

268 62.6 47.9 71.9

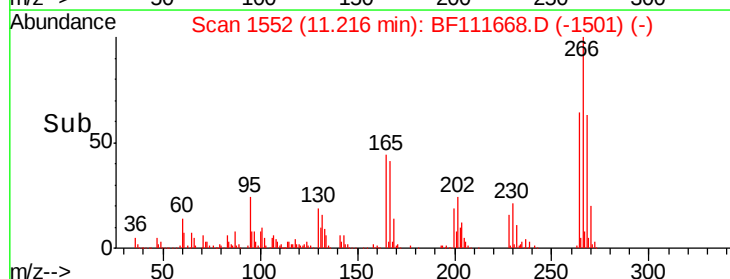
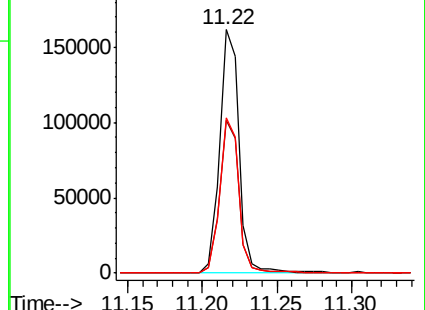
264 63.6 49.1 73.7

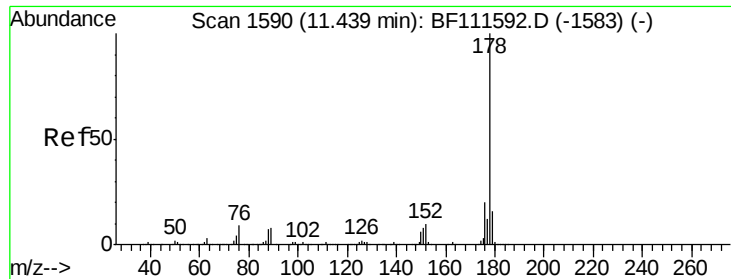


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.209 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

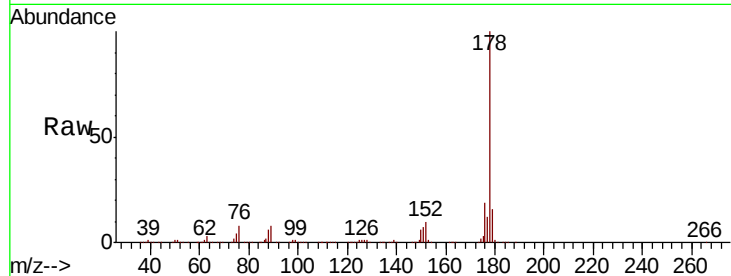
Tgt Ion:178 Resp: 928676

Ion Ratio Lower Upper

178 100

176 19.4 18.1 27.1

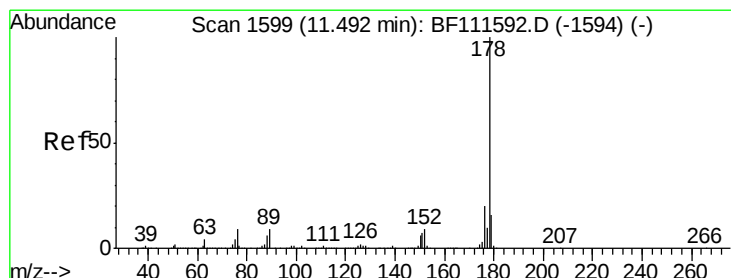
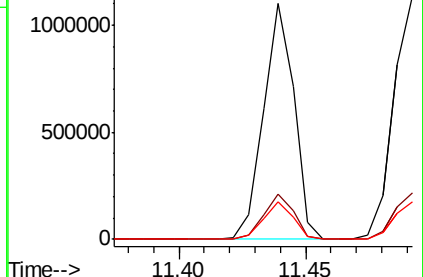
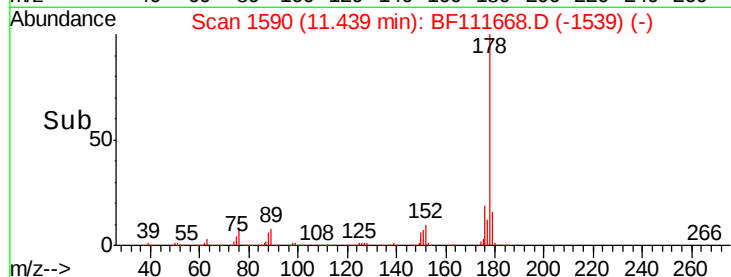
179 16.0 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.165 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

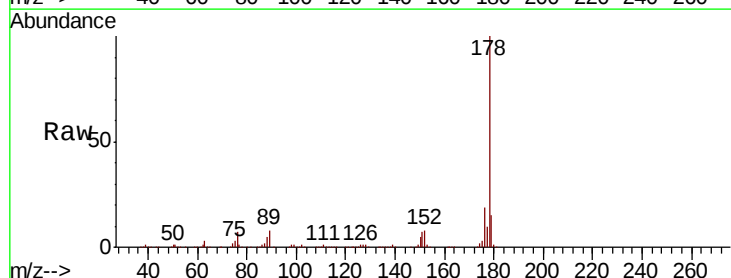
Tgt Ion:178 Resp: 931158

Ion Ratio Lower Upper

178 100

176 18.9 17.2 25.8

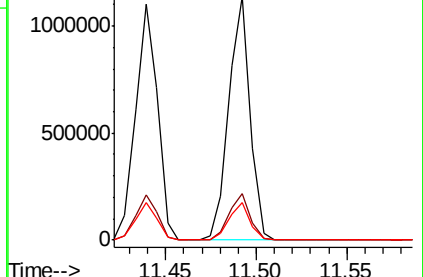
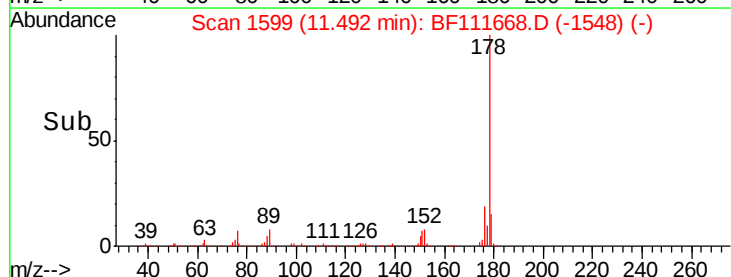
179 15.5 13.8 20.8

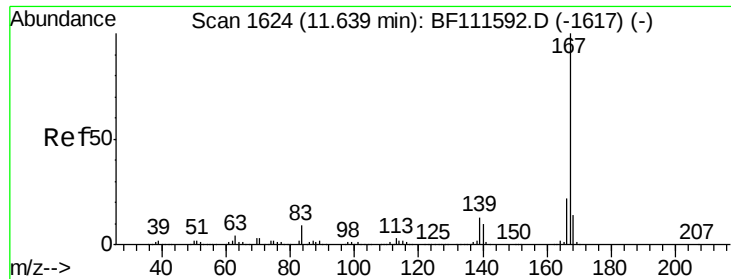


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

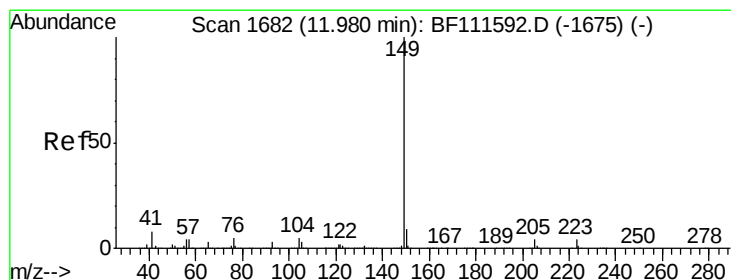
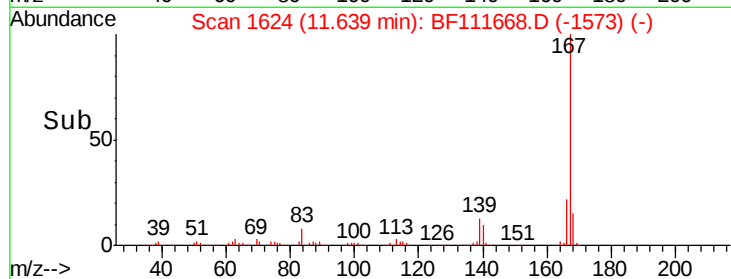
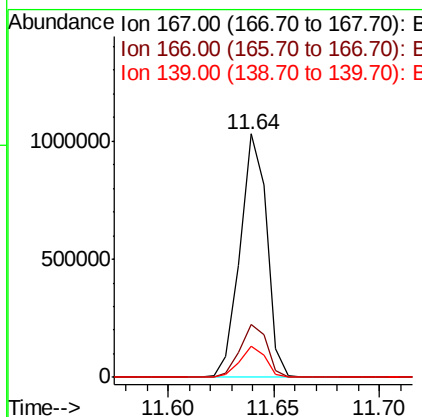
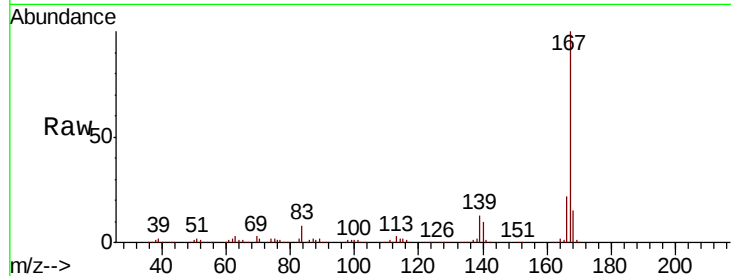




#73
 Carbazole
 Concen: 40.976 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF111668.D
 Acq: 21 Dec 2018 5:17

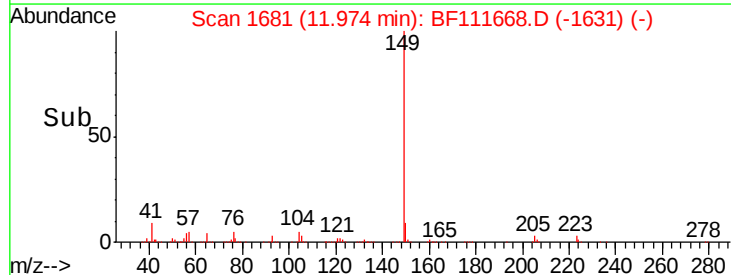
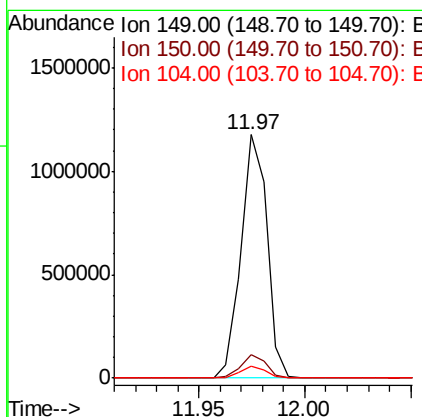
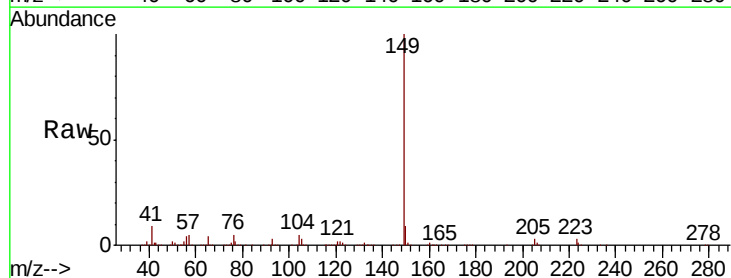
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

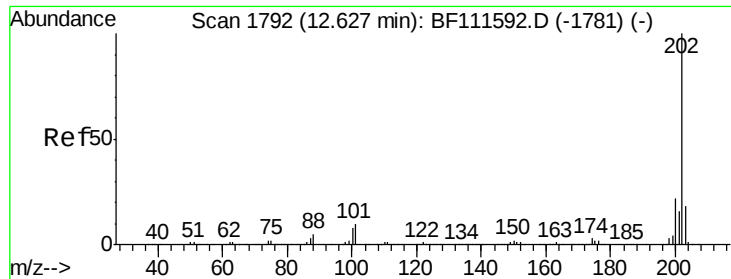
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	19.3	28.9
139	12.7	11.9	17.9



#74
 Di-n-butylphthalate
 Concen: 40.542 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF111668.D
 Acq: 21 Dec 2018 5:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.8	13.2
104	5.1	4.5	6.7

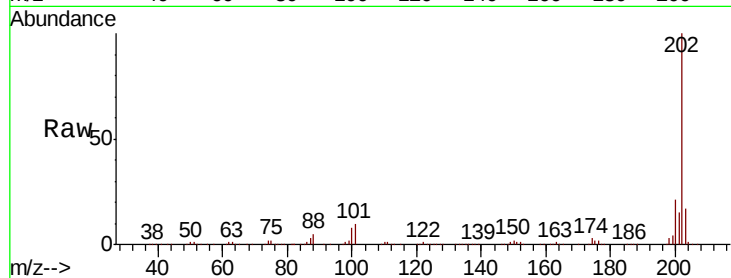




#75
 Fluoranthene
 Concen: 42.703 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BF111668.D
 Acq: 21 Dec 2018 5:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	33.8
203	17.4	0.0	38.6

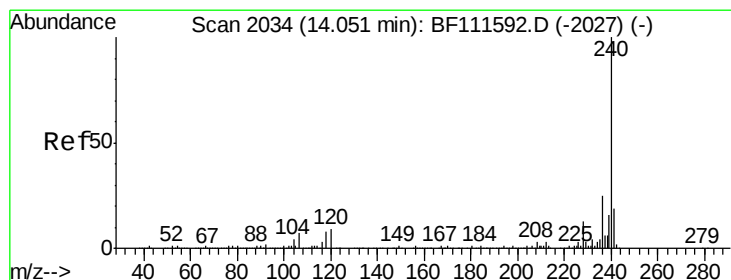
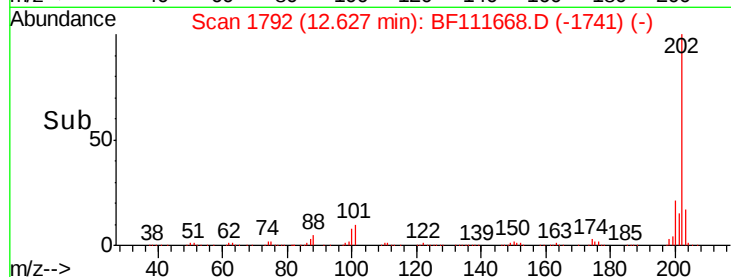
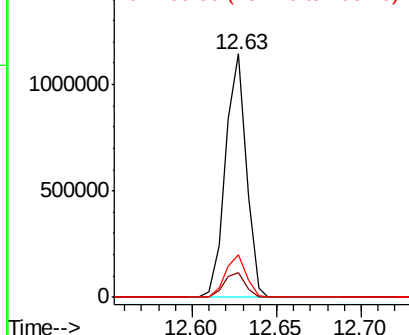


Abundance

Ion 202.00 (201.70 to 202.70): E

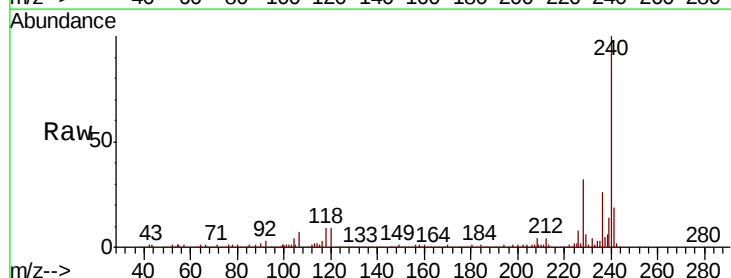
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BF111668.D
 Acq: 21 Dec 2018 5:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	12.2	18.2#
236	25.8	20.2	30.2

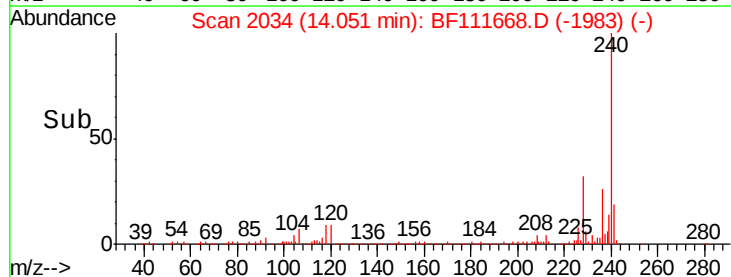
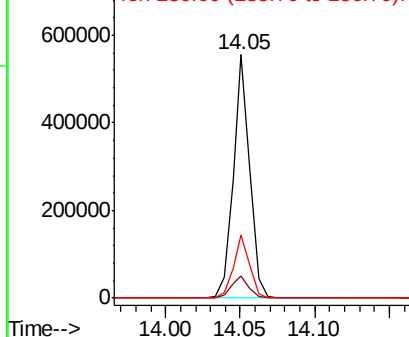


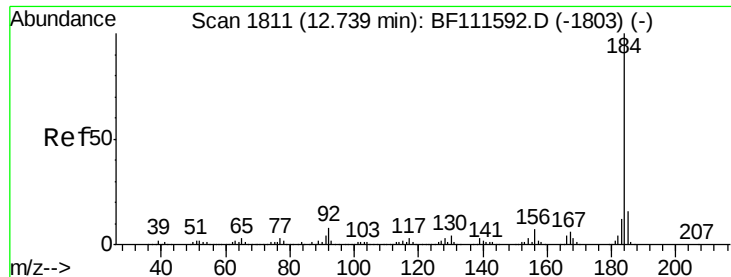
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

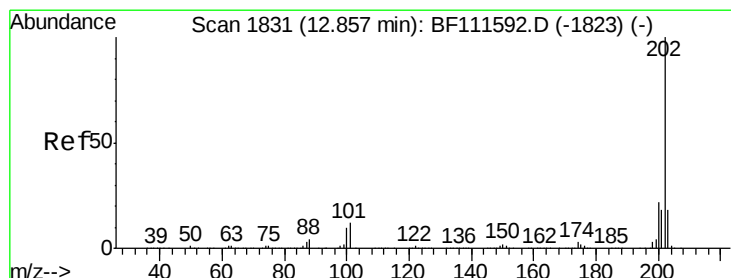
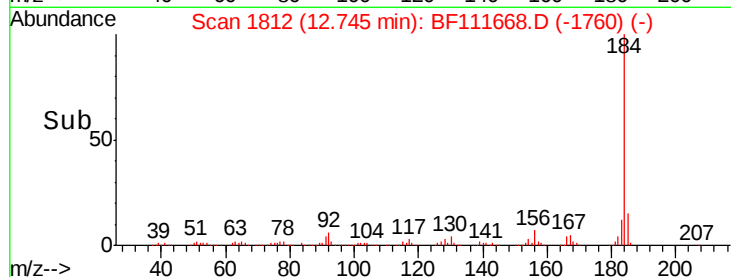
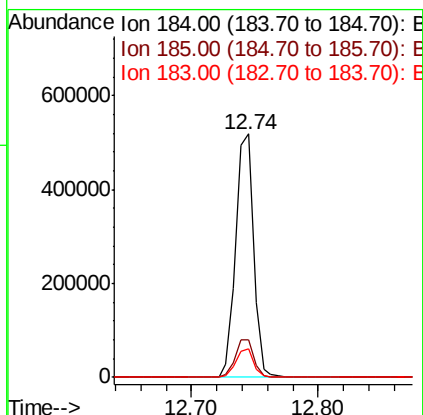
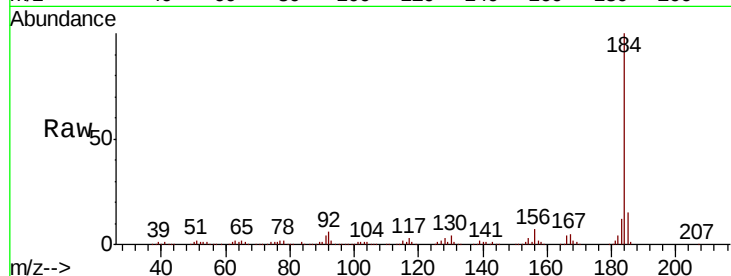




#77
Benzidine
Concen: 31.048 ng
RT: 12.74 min Scan# 1812
Delta R.T. 0.01 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

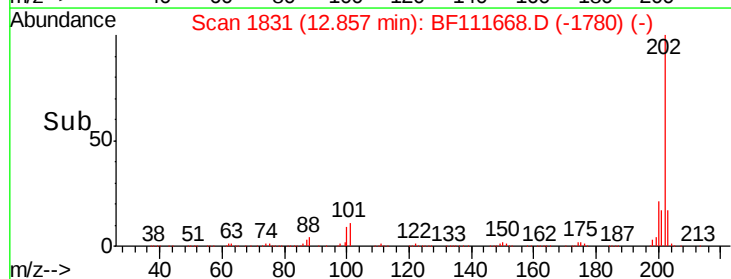
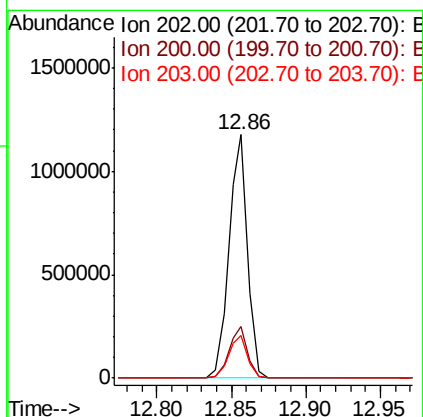
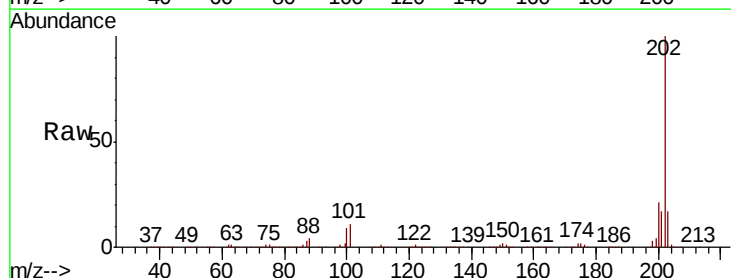
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

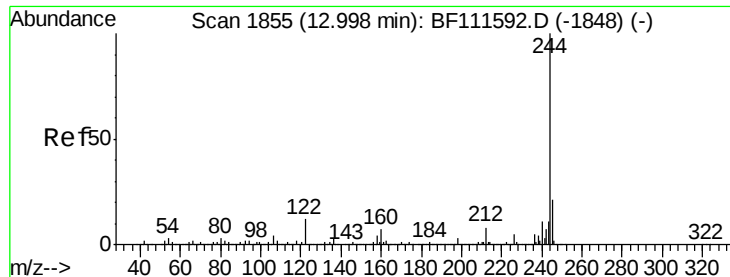
Tgt Ion:184 Resp: 503677
Ion Ratio Lower Upper
184 100
185 15.4 13.0 19.6
183 12.0 9.3 13.9



#78
Pyrene
Concen: 33.870 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

Tgt Ion:202 Resp: 1031144
Ion Ratio Lower Upper
202 100
200 21.2 19.0 28.4
203 17.5 15.2 22.8





#79

Terphenyl-d14

Concen: 68.511 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

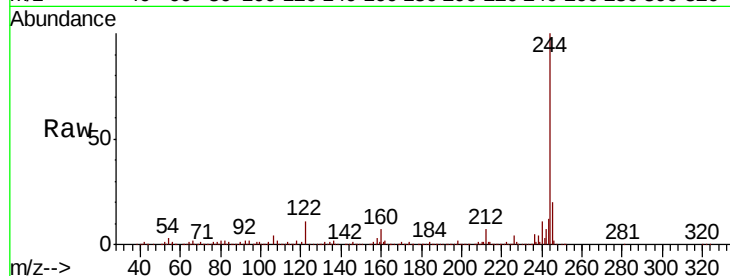
Tgt Ion:244 Resp: 1557477

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

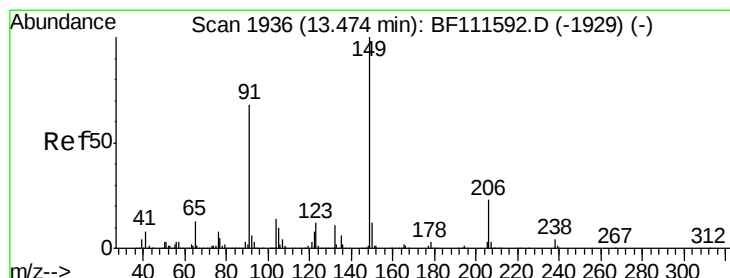
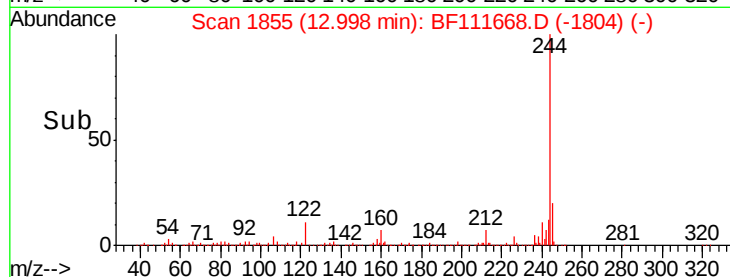
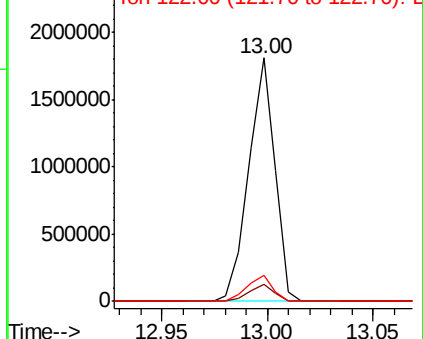
122 10.5 13.1 19.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.800 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

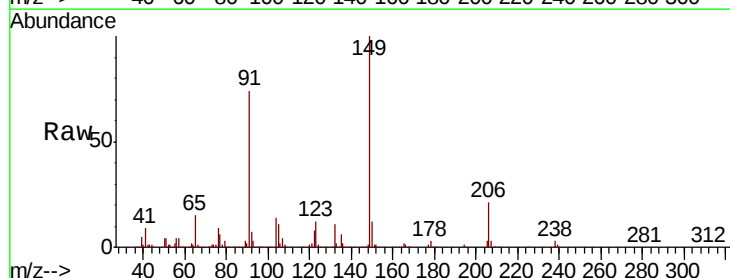
Tgt Ion:149 Resp: 444275

Ion Ratio Lower Upper

149 100

91 73.7 63.8 95.6

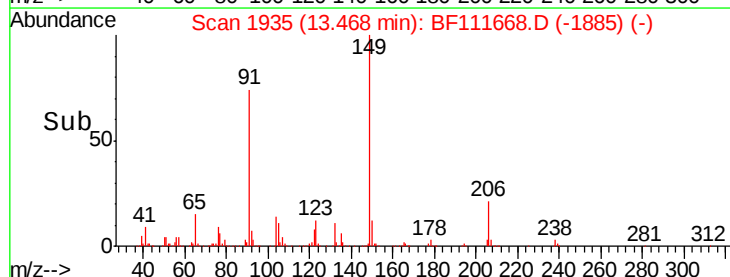
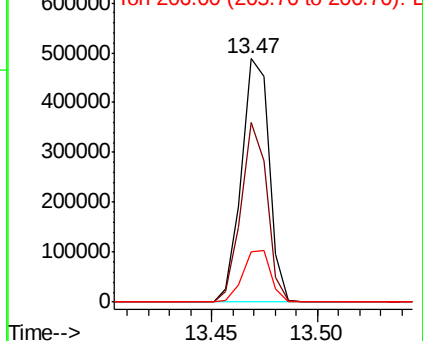
206 20.9 15.1 22.7

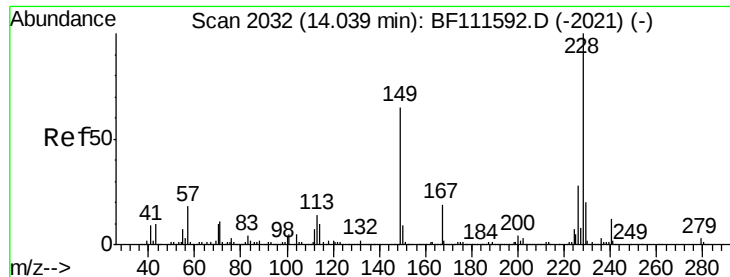


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.058 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

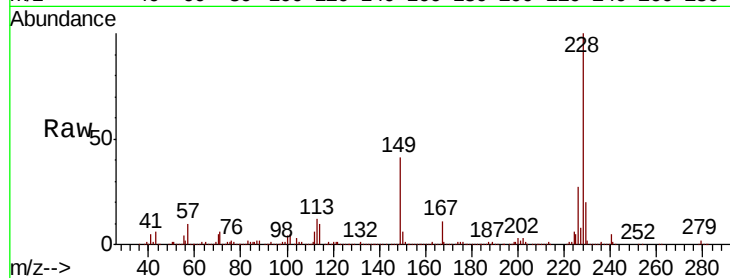
Tgt Ion:228 Resp: 985576

Ion Ratio Lower Upper

228 100

226 27.2 22.6 34.0

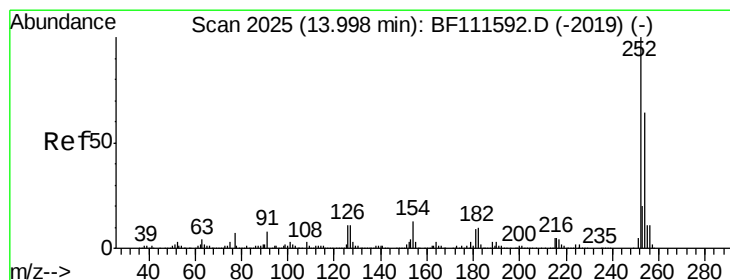
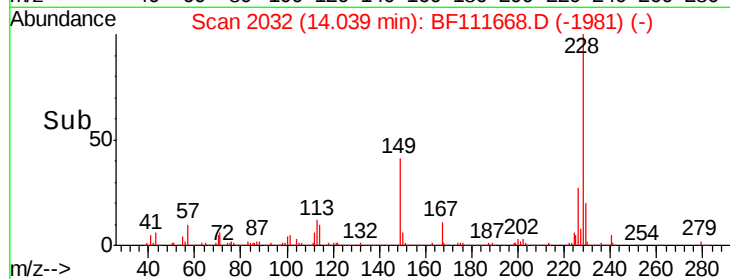
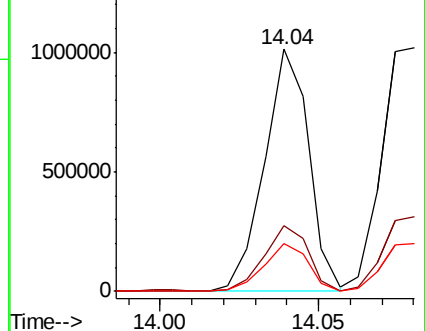
229 19.7 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.420 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

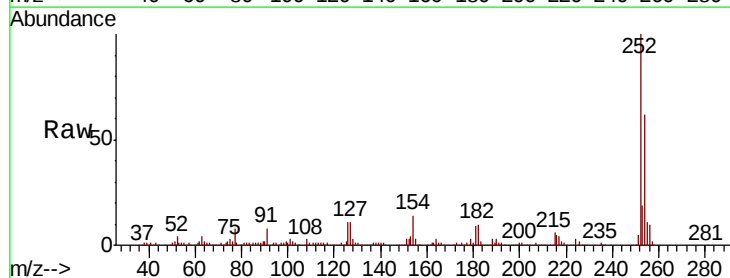
Tgt Ion:252 Resp: 422092

Ion Ratio Lower Upper

252 100

254 62.1 52.7 79.1

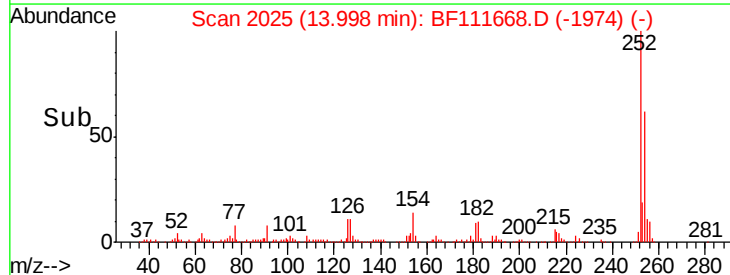
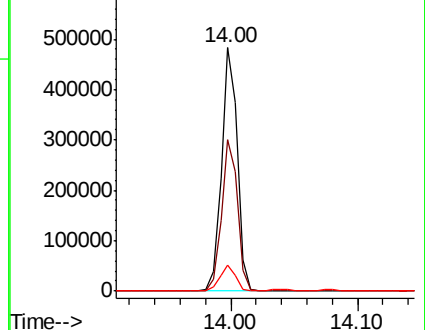
126 10.6 11.1 16.7#

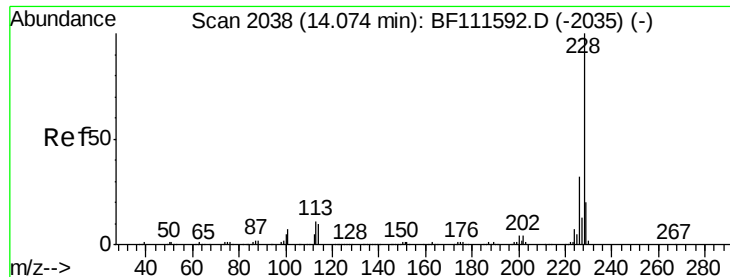


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.256 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

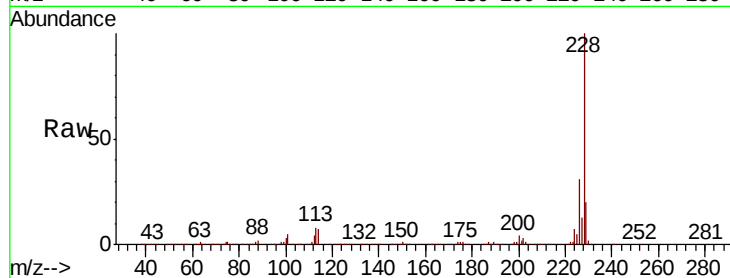
Tgt Ion:228 Resp: 973459

Ion Ratio Lower Upper

228 100

226 30.6 25.3 37.9

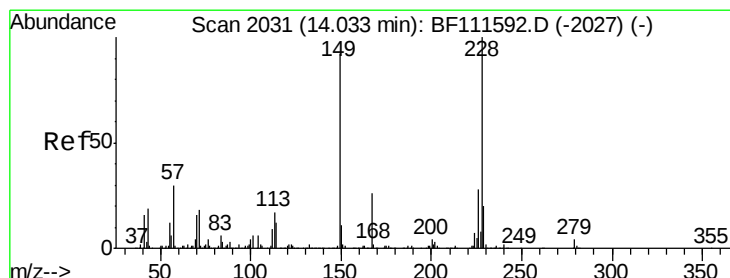
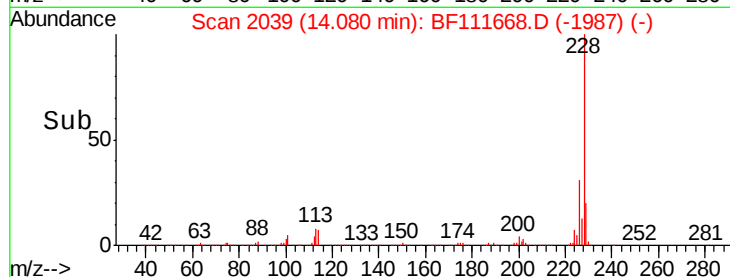
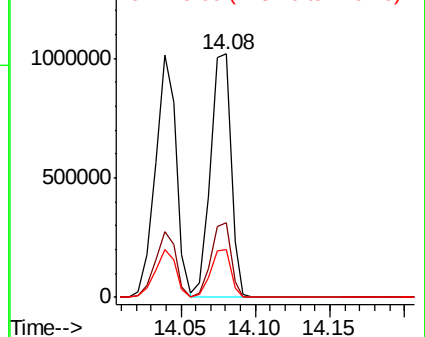
229 19.6 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.841 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

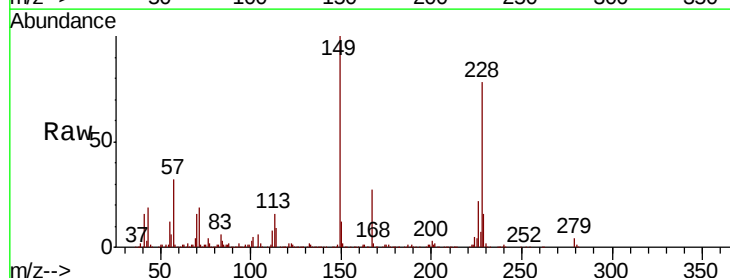
Tgt Ion:149 Resp: 591518

Ion Ratio Lower Upper

149 100

167 27.2 22.5 33.7

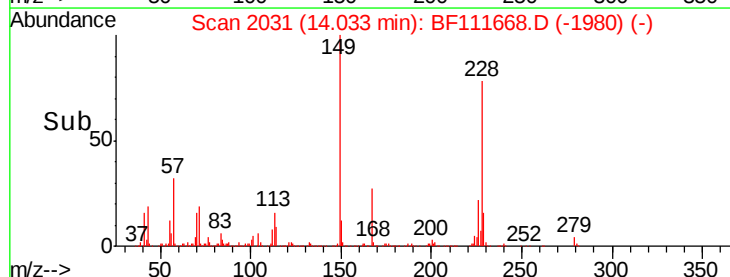
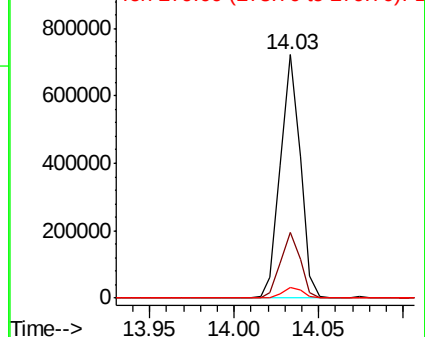
279 4.1 2.6 4.0#

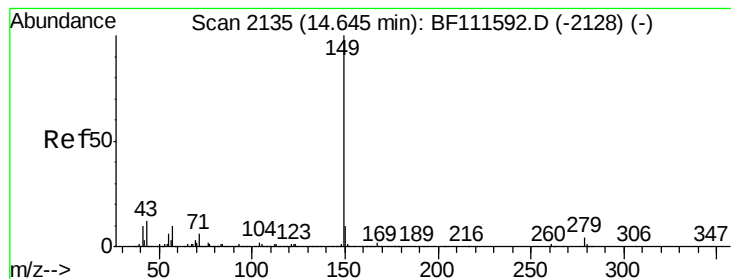


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.783 ng

RT: 14.64 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

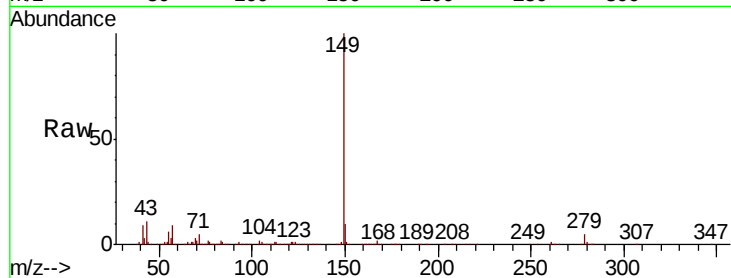
Tgt Ion:149 Resp: 1060372

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

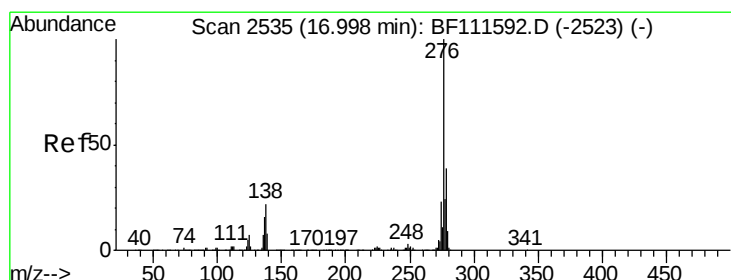
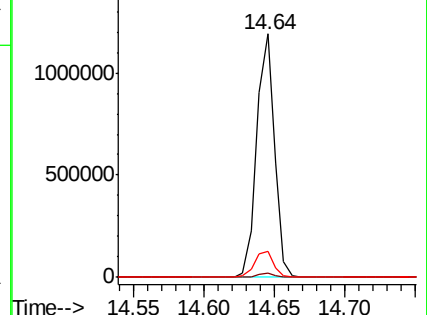
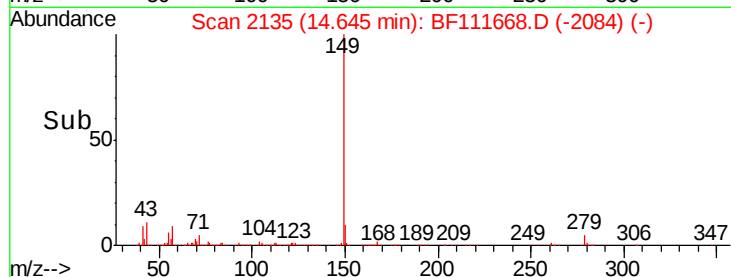
43 11.4 10.9 16.3



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: 32.387 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.01 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

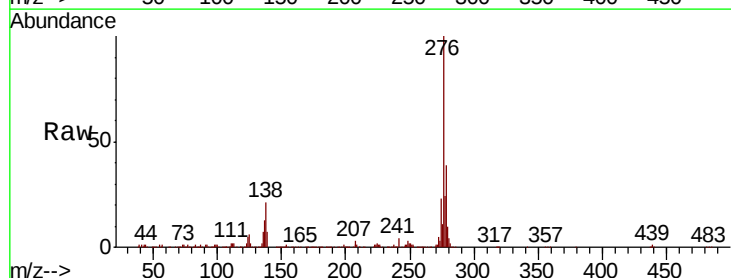
Tgt Ion:276 Resp: 665764

Ion Ratio Lower Upper

276 100

138 22.6 27.8 41.6#

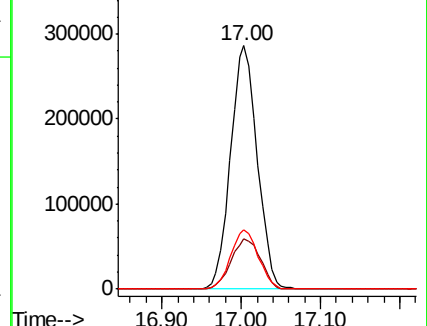
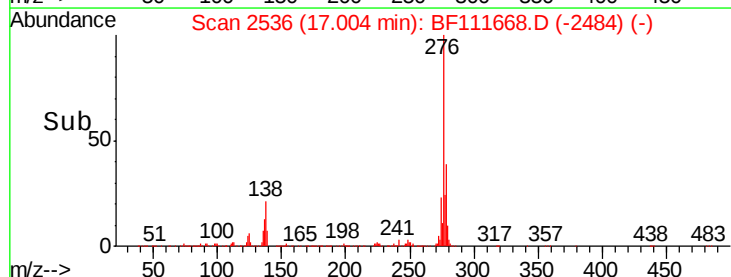
277 25.1 20.1 30.1

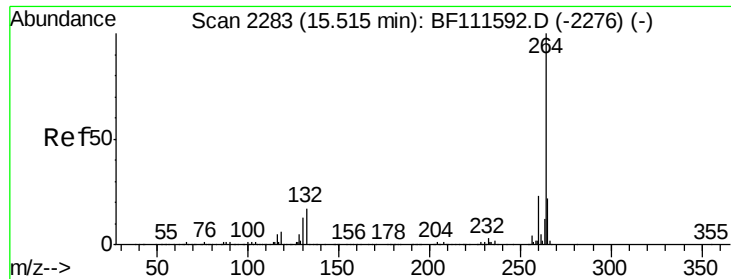


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



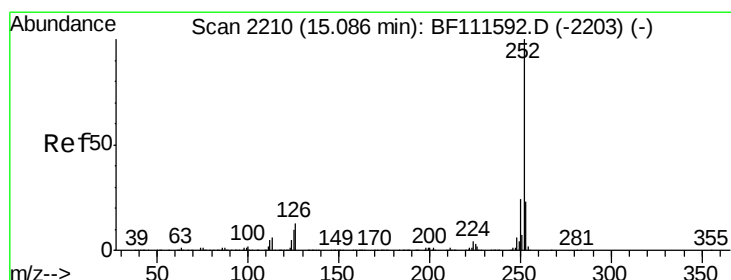
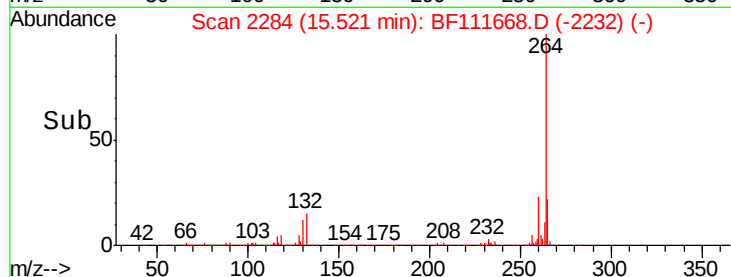
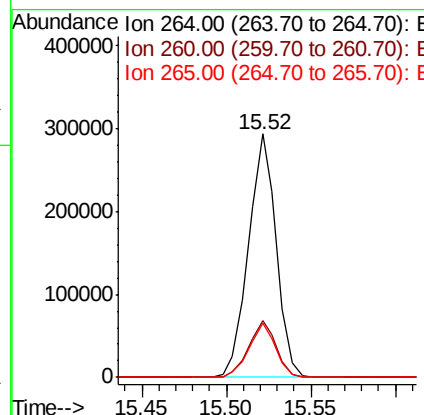
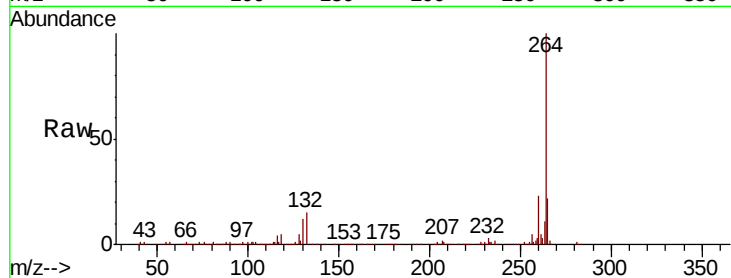


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 264 Resp: 336089

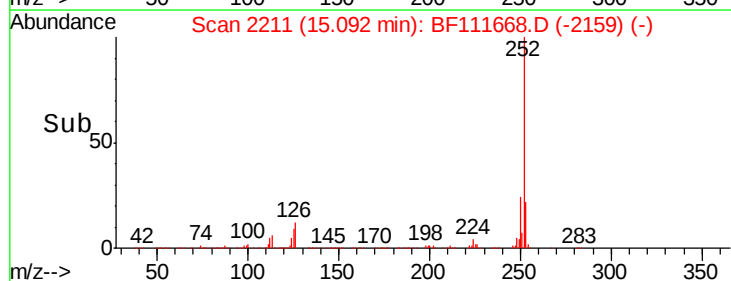
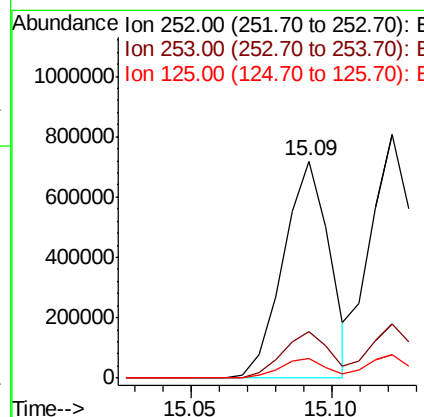
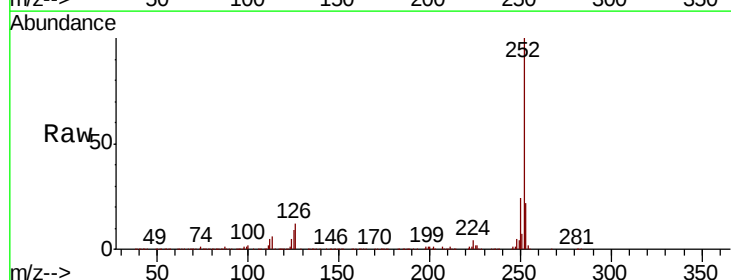
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	22.0	17.7	26.5

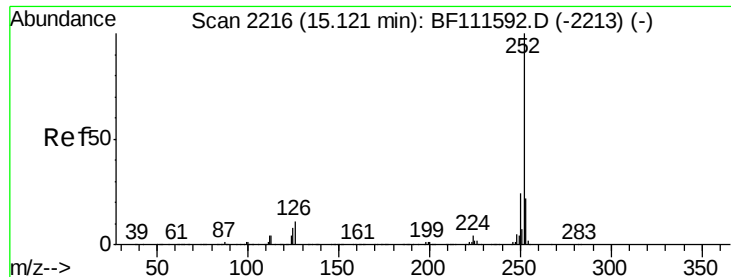


#88
Benzo(b)fluoranthene
Concen: 41.556 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

Tgt Ion: 252 Resp: 816261

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	8.9	10.4	15.6

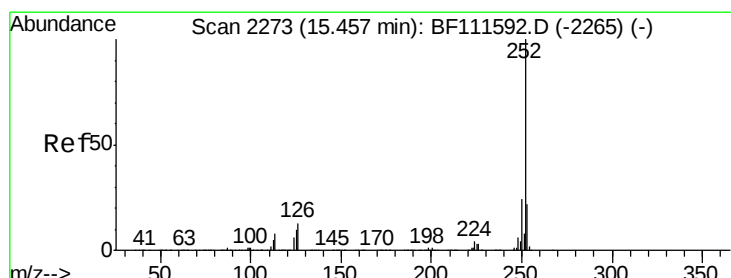
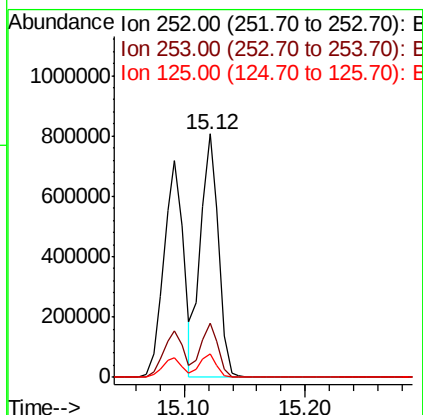
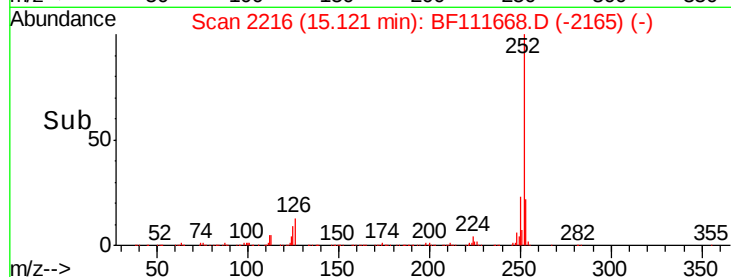
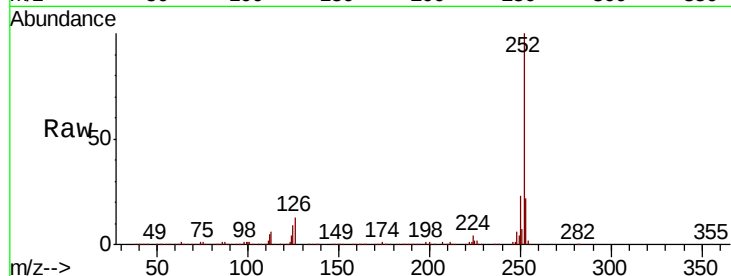




#89
Benzo(k)fluoranthene
Concen: 44.291 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

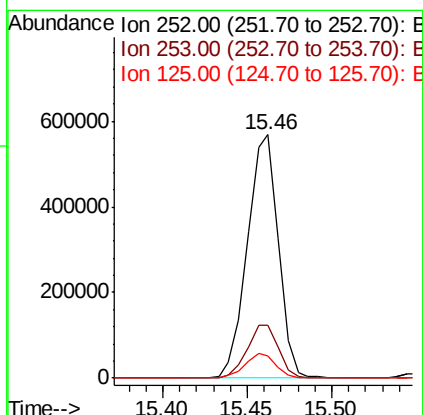
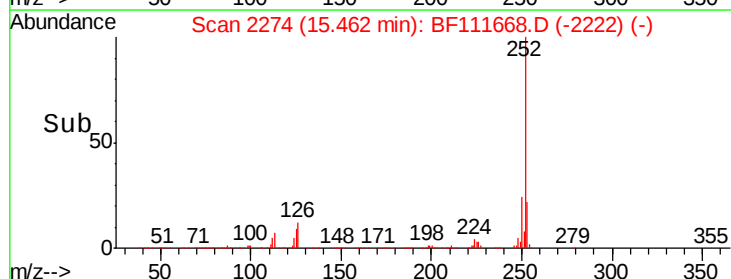
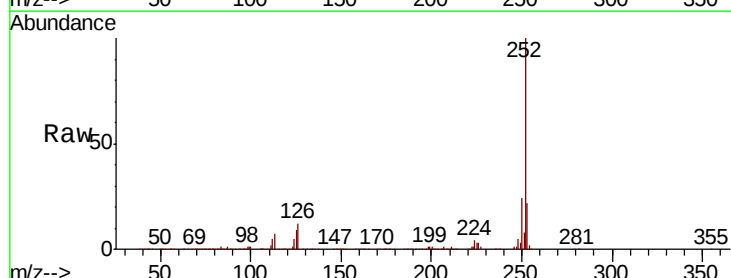
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

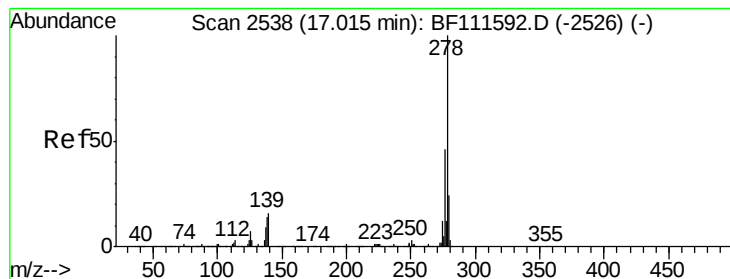
Tgt Ion: 252 Resp: 828246
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 9.4 9.8 14.8#



#90
Benzo(a)pyrene
Concen: 40.826 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF111668.D
Acq: 21 Dec 2018 5:17

Tgt Ion: 252 Resp: 728547
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 9.3 12.3 18.5#





#91

Dibenzo(a,h)anthracene

Concen: 36.119 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.01 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

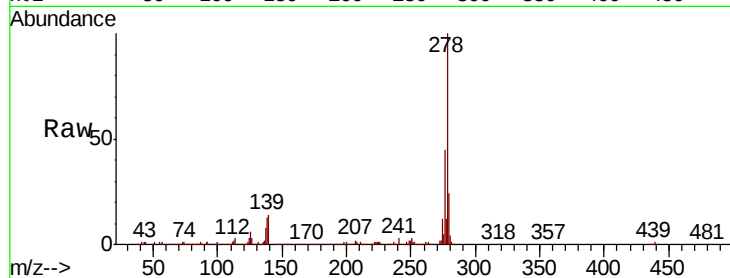
Tgt Ion: 278 Resp: 564413

Ion Ratio Lower Upper

278 100

139 14.2 18.2 27.4#

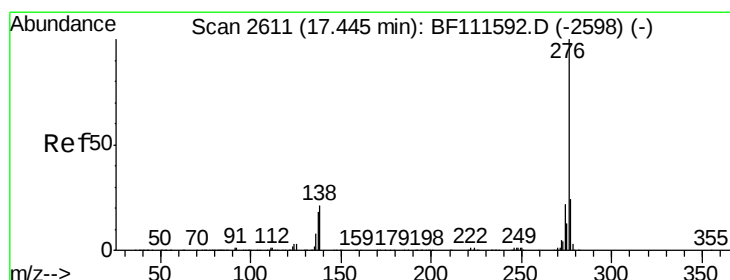
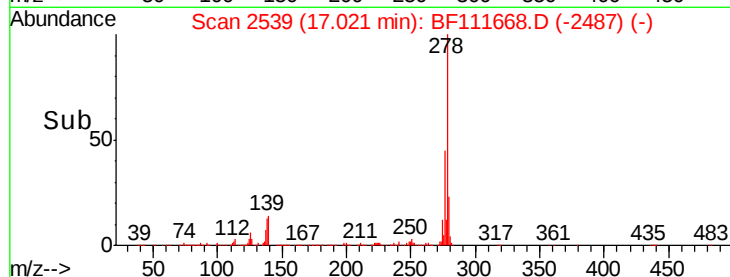
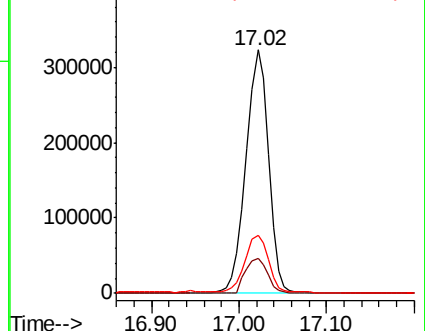
279 23.7 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 35.027 ng

RT: 17.45 min Scan# 2612

Delta R.T. 0.01 min

Lab File: BF111668.D

Acq: 21 Dec 2018 5:17

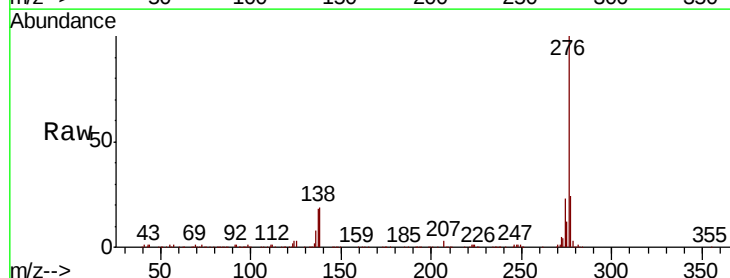
Tgt Ion: 276 Resp: 534476

Ion Ratio Lower Upper

276 100

277 24.4 19.2 28.8

138 19.0 24.9 37.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

