

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110516.D
 Acq On : 6 Nov 2018 15:45
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 06 17:14:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	80987	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	349935	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	167882	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	313573	20.00	ng	0.00
76) Chrysene-d12	14.14	240	224787	20.00	ng	0.00
87) Perylene-d12	15.66	264	152854	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	412667	82.98	ng	0.00
7) Phenol-d6	6.58	99	517238	81.31	ng	0.00
23) Nitrobenzene-d5	7.52	82	486038	82.38	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	136171	81.88	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	918839	85.94	ng	0.00
79) Terphenyl-d14	13.07	244	945008	87.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	100891	38.721	ng	89
3) Pyridine	3.59	79	228237	39.327	ng	# 85
4) n-Nitrosodimethylamine	3.55	42	95029	39.083	ng	# 93
6) Aniline	6.62	93	333091	40.197	ng	# 54
8) 2-Chlorophenol	6.74	128	240460	41.938	ng	98
9) Benzaldehyde	6.51	77	140821	37.422	ng	98
10) Phenol	6.59	94	302620	44.505	ng	# 67
11) bis(2-Chloroethyl)ether	6.69	93	222638	39.798	ng	91
12) 1,3-Dichlorobenzene	6.90	146	261559	41.452	ng	96
13) 1,4-Dichlorobenzene	6.97	146	263764	41.332	ng	98
14) 1,2-Dichlorobenzene	7.13	146	246852	41.668	ng	99
15) Benzyl Alcohol	7.10	79	204537	41.806	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.22	45	360471	40.301	ng	70
17) 2-Methylphenol	7.20	107	189074	41.377	ng	# 81
18) Hexachloroethane	7.46	117	98797	42.286	ng	93
19) n-Nitroso-di-n-propylamine	7.36	70	165382	40.525	ng	94
20) 3+4-Methylphenols	7.36	107	248564	42.082	ng	95
22) Acetophenone	7.37	105	325896	40.417	ng	# 99
24) Nitrobenzene	7.54	77	248587	40.812	ng	97
25) Isophorone	7.77	82	394835	39.260	ng	97
26) 2-Nitrophenol	7.86	139	129222	44.582	ng	94
27) 2,4-Dimethylphenol	7.88	122	193197	40.202	ng	100
28) bis(2-Chloroethoxy)methane	7.98	93	272995	39.959	ng	98
29) 2,4-Dichlorophenol	8.09	162	202066	41.619	ng	97
30) 1,2,4-Trichlorobenzene	8.18	180	224363	41.256	ng	95
31) Naphthalene	8.26	128	660564	40.957	ng	99
32) Benzoic acid	8.01	122	133211	35.865	ng	94
33) 4-Chloroaniline	8.31	127	291079	40.101	ng	99
34) Hexachlorobutadiene	8.37	225	127236	42.137	ng	98
35) Caprolactam	8.69	113	65609	38.771	ng	89
36) 4-Chloro-3-methylphenol	8.79	107	212558	40.486	ng	97
37) 2-Methylnaphthalene	8.95	142	432868	40.565	ng	99
38) 1-Methylnaphthalene	9.05	142	417472	40.484	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	213693	40.852	ng	98

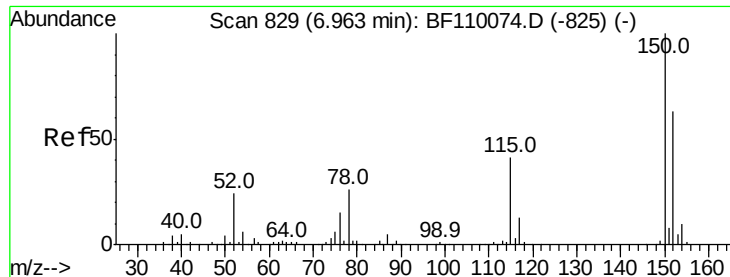
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110516.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	88199	32.975	nq	98
43) 2,4,6-Trichlorophenol	9.23	196	134737	39.936	nq	92
44) 2,4,5-Trichlorophenol	9.27	196	143765	40.312	nq	97
46) 1,1'-Biphenyl	9.42	154	626161	41.245	nq	100
47) 2-Chloronaphthalene	9.45	162	454082	40.776	nq	100
48) 2-Nitroaniline	9.55	65	138568	41.062	nq	93
49) Acenaphthylene	9.86	152	653566	40.633	nq	99
50) Dimethylphthalate	9.71	163	496995	40.104	nq	99
51) 2,6-Dinitrotoluene	9.78	165	111923	41.928	nq	97
52) Acenaphthene	10.03	154	404553	38.020	nq	98
53) 3-Nitroaniline	9.96	138	126740	39.925	nq	96
54) 2,4-Dinitrophenol	10.07	184	37148	37.971	nq	91
55) Dibenzofuran	10.20	168	596217	40.020	nq	98
56) 4-Nitrophenol	10.12	139	85036	36.194	nq	93
57) 2,4-Dinitrotoluene	10.19	165	144805	42.707	nq	89
58) Fluorene	10.55	166	456084	41.135	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	118205	40.665	nq	95
60) Diethylphthalate	10.41	149	486622	40.226	nq	99
61) 4-Chlorophenyl-phenylether	10.53	204	240485	41.115	nq	98
62) 4-Nitroaniline	10.57	138	125501	39.749	nq	94
63) Azobenzene	10.70	77	484880	40.380	nq	95
65) 4,6-Dinitro-2-methylphenol	10.60	198	58399	40.764	nq	95
66) n-Nitrosodiphenylamine	10.66	169	427278	41.543	nq	98
67) 4-Bromophenyl-phenylether	11.03	248	141219	41.518	nq	95
68) Hexachlorobenzene	11.10	284	147496	40.870	nq	# 92
69) Atrazine	11.18	200	129160	39.737	nq	98
70) Pentachlorophenol	11.29	266	81664	38.806	nq	97
71) Phenanthrene	11.52	178	666340	40.612	nq	99
72) Anthracene	11.57	178	674862	41.035	nq	99
73) Carbazole	11.72	167	661388	41.188	nq	100
74) Di-n-butylphthalate	12.03	149	759817	41.896	nq	99
75) Fluoranthene	12.71	202	678379	40.739	nq	97
77) Benzidine	12.83	184	311348	56.110	nq	98
78) Pyrene	12.94	202	689522	42.787	nq	98
80) Butylbenzylphthalate	13.53	149	302699	43.275	nq	97
81) Benzo(a)anthracene	14.13	228	529251	39.703	nq	100
82) 3,3'-Dichlorobenzidine	14.09	252	176476	38.018	nq	98
83) Chrysene	14.17	228	511454	40.395	nq	98
84) Bis(2-ethylhexyl)phthalate	14.09	149	381214	40.317	nq	96
85) Di-n-octyl phthalate	14.70	149	571518	38.872	nq	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	344163	32.766	nq	97
88) Benzo(b)fluoranthene	15.20	252	373868	42.356	nq	98
89) Benzo(k)fluoranthene	15.24	252	368489	42.464	nq	99
90) Benzo(a)pyrene	15.60	252	340520	41.925	nq	98
91) Dibenzo(a,h)anthracene	17.24	278	288988	41.236	nq	98
92) Benzo(g,h,i)perylene	17.71	276	285996	41.413	nq	96

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

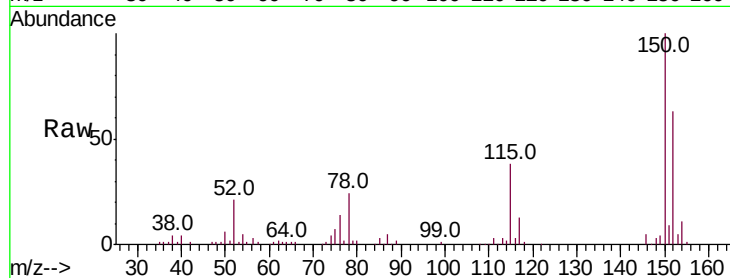


#1

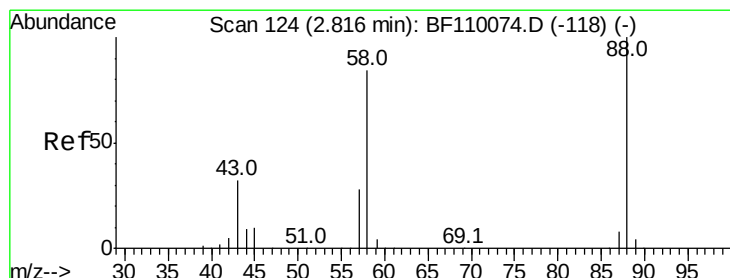
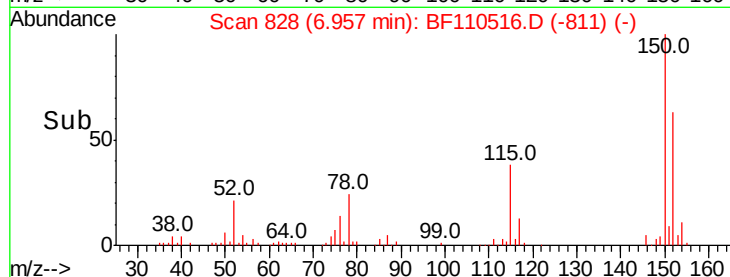
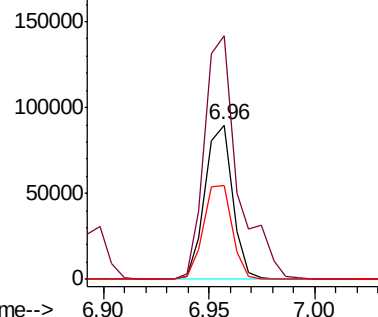
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 80987
Ion Ratio Lower Upper
152 100
150 157.9 122.7 184.1
115 60.8 49.1 73.7



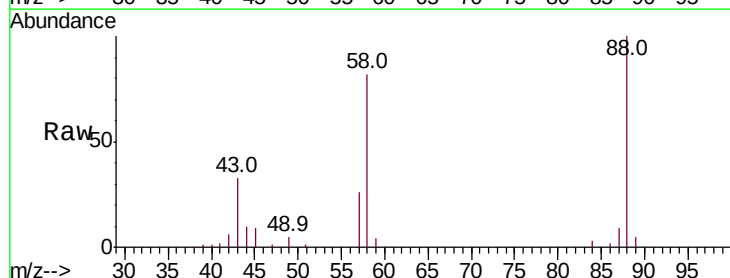
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



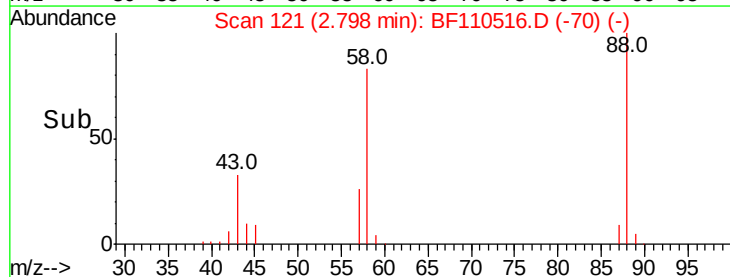
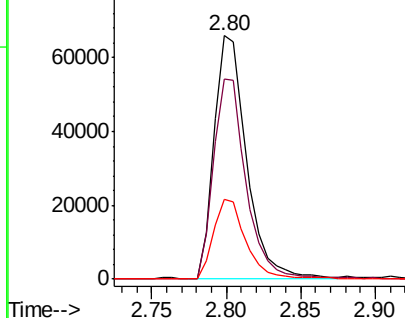
#2

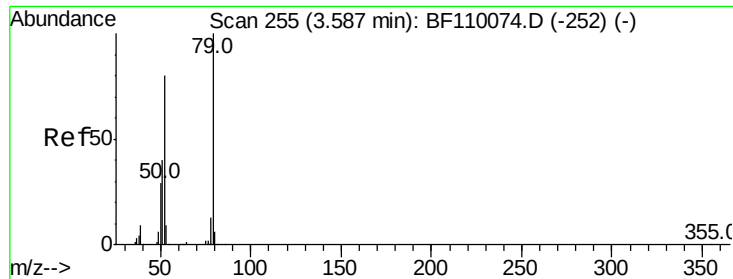
1,4-Dioxane
Concen: 38.721 ng
RT: 2.80 min Scan# 121
Delta R.T. -0.00 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Tgt Ion: 88 Resp: 100891
Ion Ratio Lower Upper
88 100
58 82.4 57.1 85.7
43 32.5 24.1 36.1



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





#3

Pvridine

Concen: 39.327 ng

RT: 3.59 min Scan# 255

Delta R.T. 0.01 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

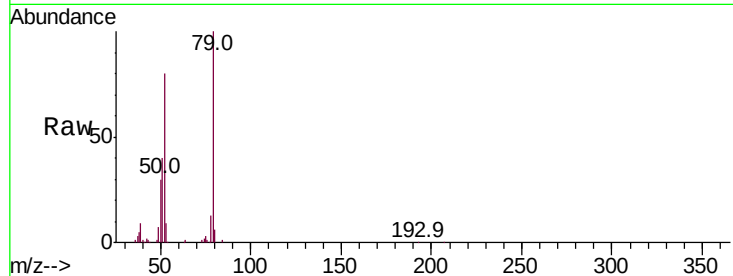
Tot Ion: 79 Resp: 228237

Ion Ratio Lower Upper

79 100

52 80.0 53.1 79.7#

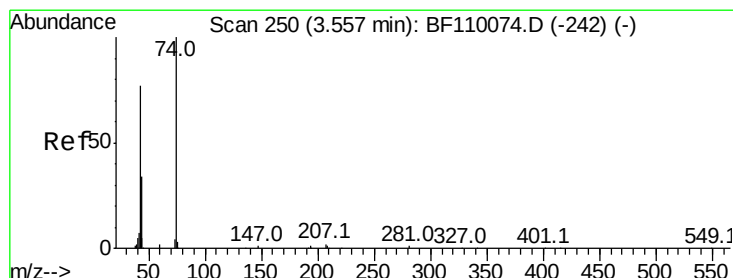
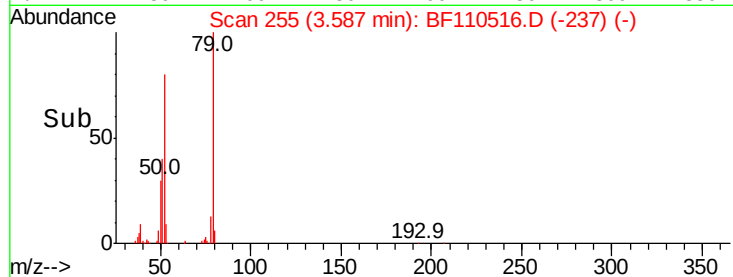
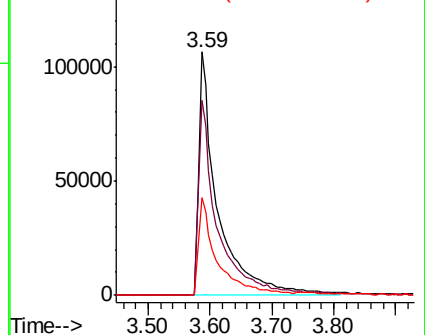
51 40.2 27.4 41.2



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: 39.083 ng

RT: 3.55 min Scan# 249

Delta R.T. 0.01 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

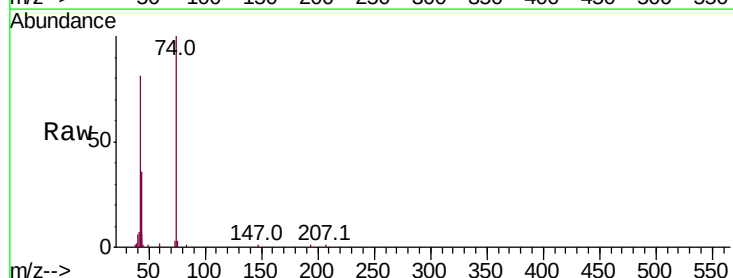
Tgt Ion: 42 Resp: 95029

Ion Ratio Lower Upper

42 100

74 123.1 105.5 158.3

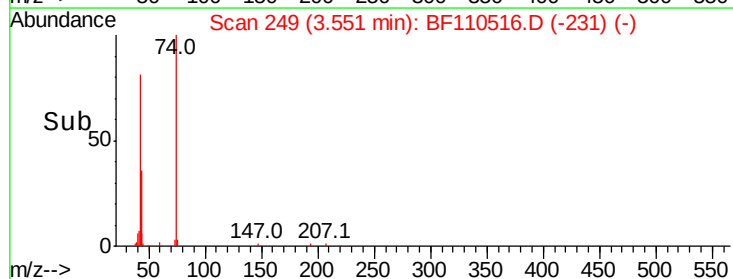
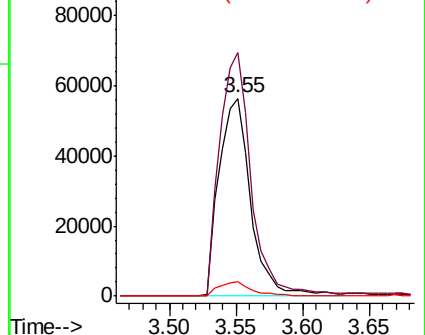
44 7.6 4.9 7.3#

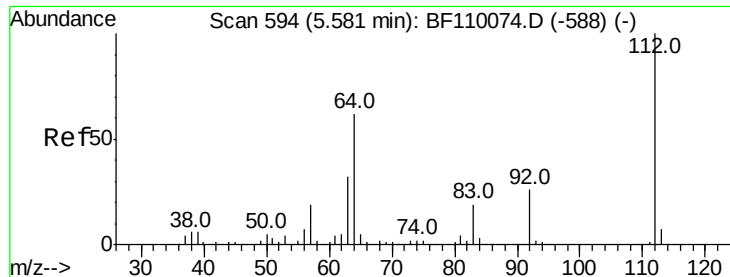


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 82.977 ng

RT: 5.57 min Scan# 593

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

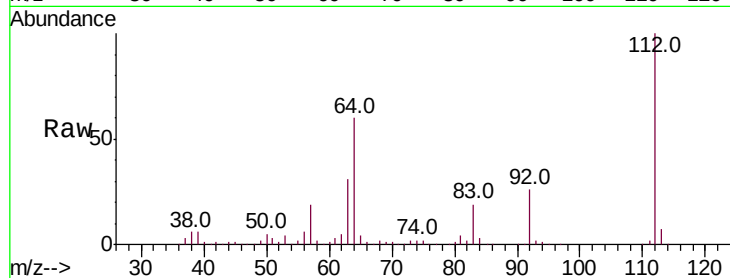
Tot Ion:112 Resp: 412667

Ion Ratio Lower Upper

112 100

64 59.6 44.1 66.1

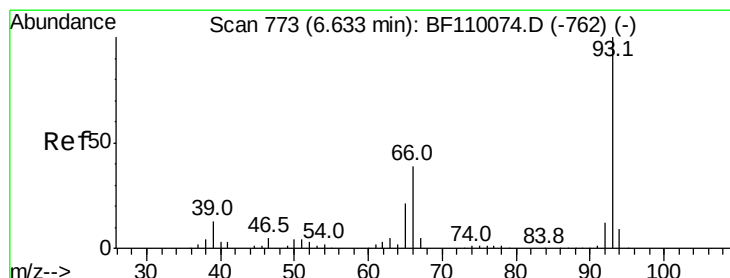
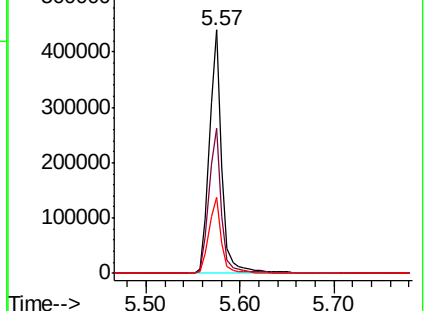
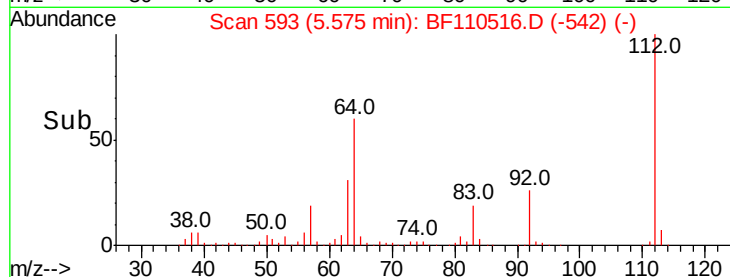
63 31.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.197 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

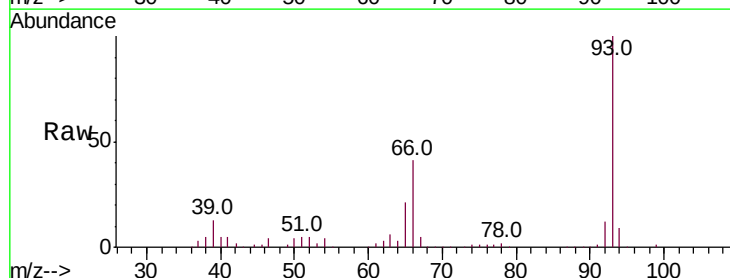
Tgt Ion: 93 Resp: 333091

Ion Ratio Lower Upper

93 100

66 41.1 67.4 101.0#

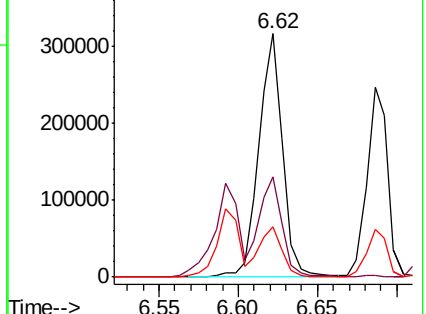
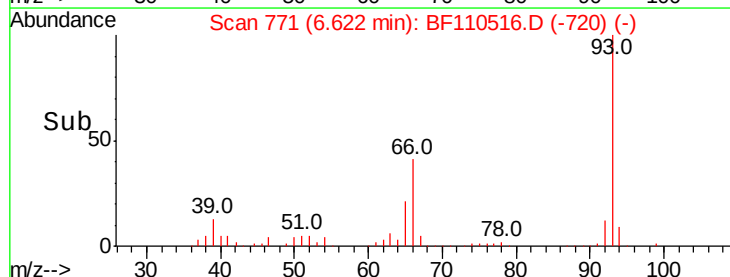
65 20.8 41.0 61.4#

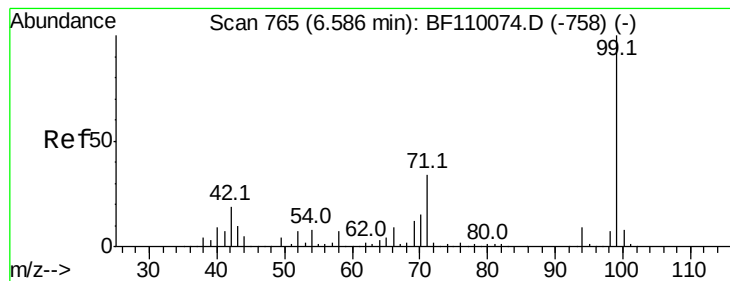


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.312 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

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ClientSampleId :

SSTDCCC040

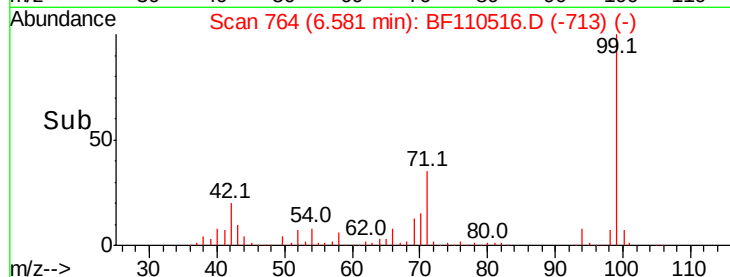
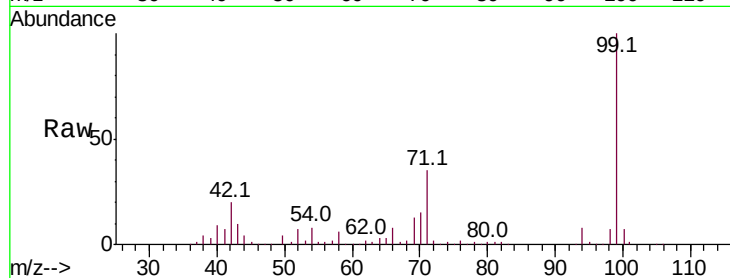
Tot Ion: 99 Resp: 517238

Ion Ratio Lower Upper

99 100

42 19.6 15.8 23.6

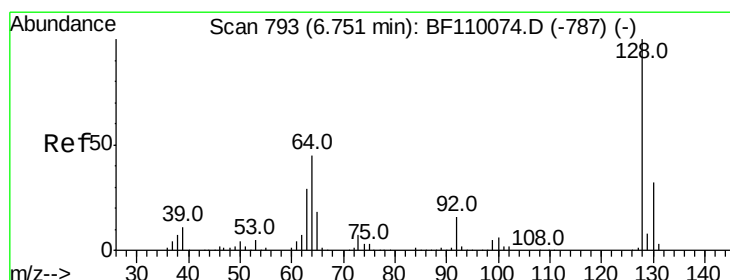
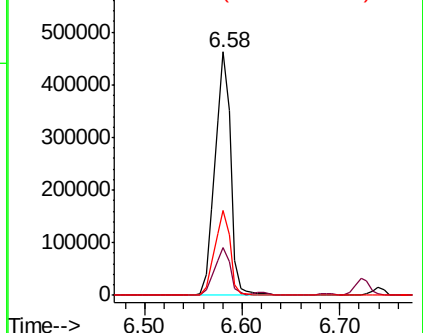
71 35.0 28.0 42.0



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: 41.938 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

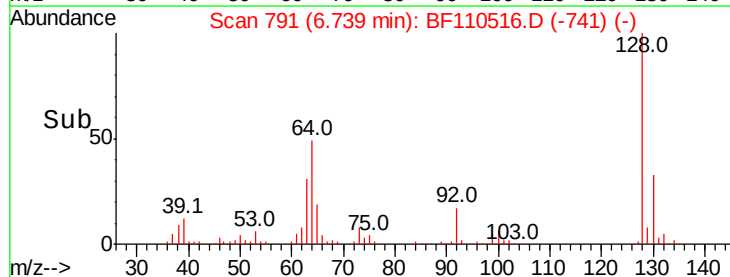
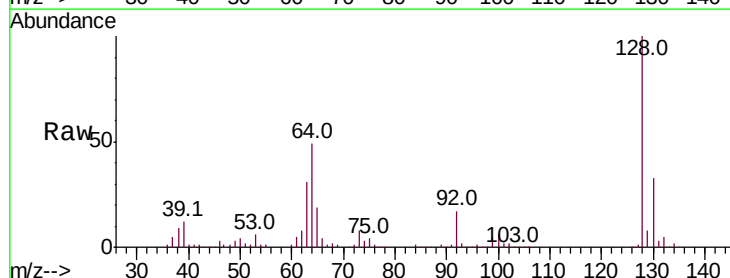
Tgt Ion: 128 Resp: 240460

Ion Ratio Lower Upper

128 100

130 33.1 13.1 53.1

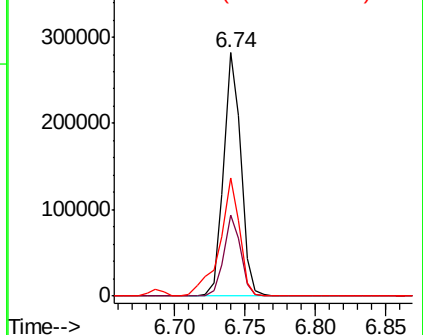
64 48.5 26.0 66.0

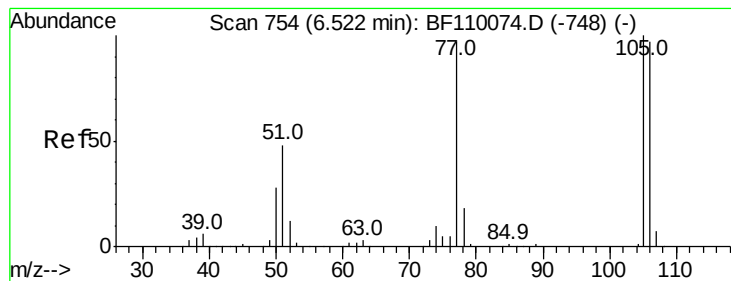


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.422 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

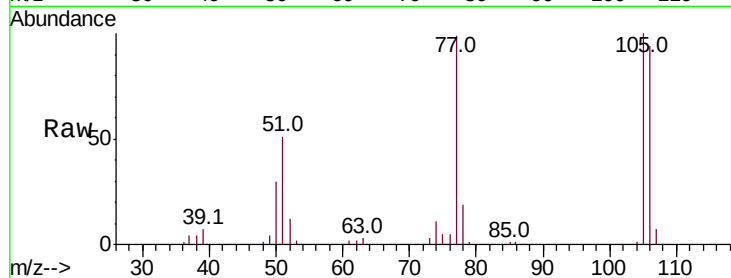
Tot Ion: 77 Resp: 140821

Ion Ratio Lower Upper

77 100

105 101.3 78.6 118.6

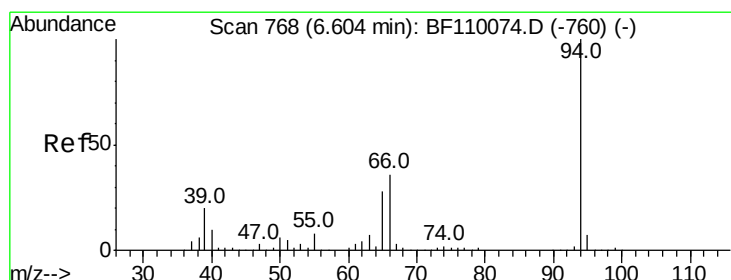
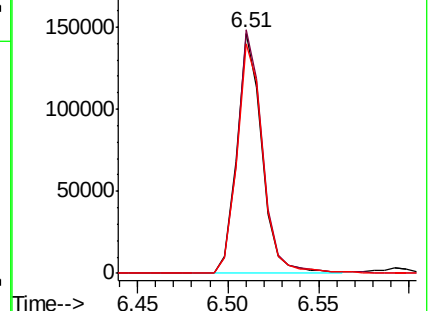
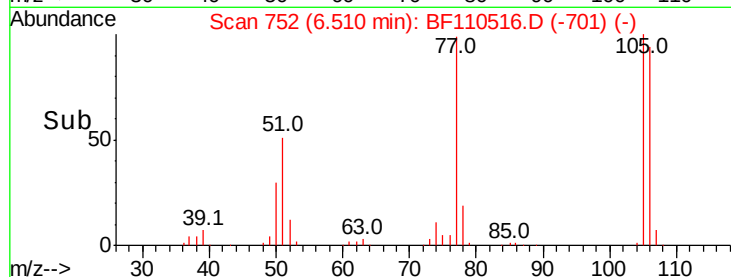
106 95.7 74.8 114.8



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: 44.505 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

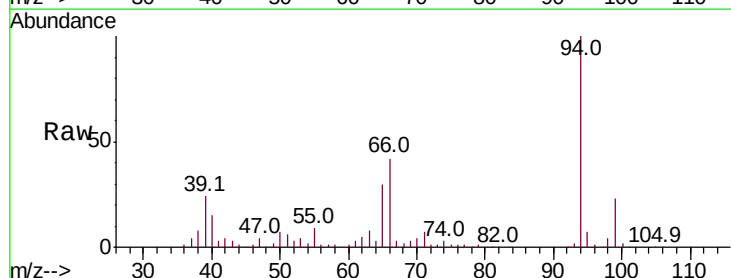
Tgt Ion: 94 Resp: 302620

Ion Ratio Lower Upper

94 100

65 30.3 25.3 65.3

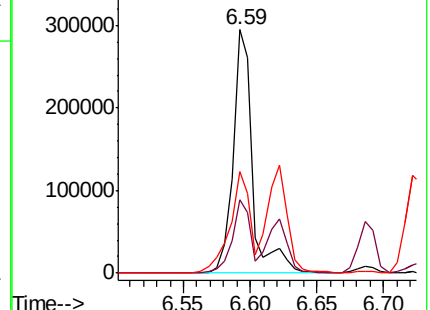
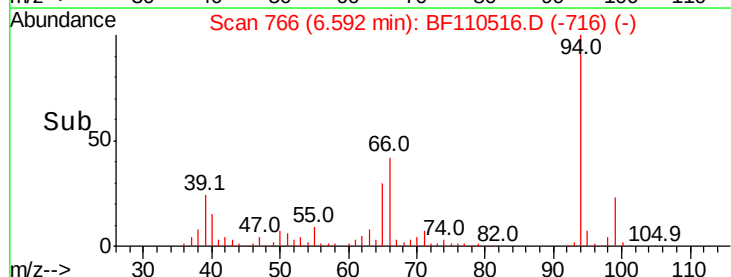
66 41.6 54.5 94.5#

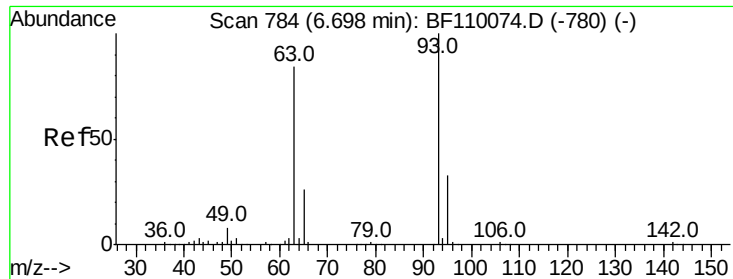


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.798 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

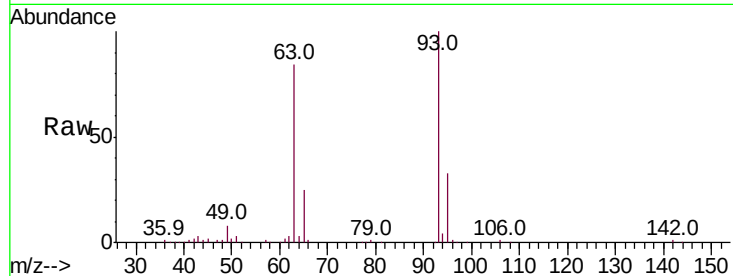
Tot Ion: 93 Resp: 222638

Ion Ratio Lower Upper

93 100

63 84.1 53.4 93.4

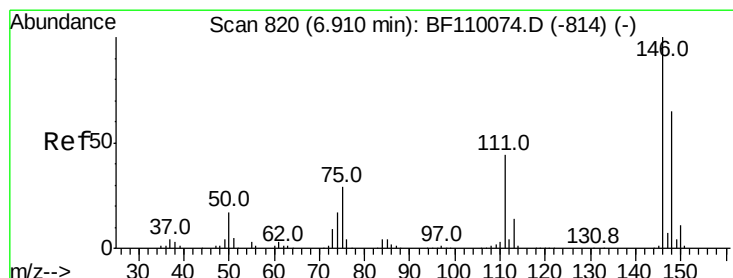
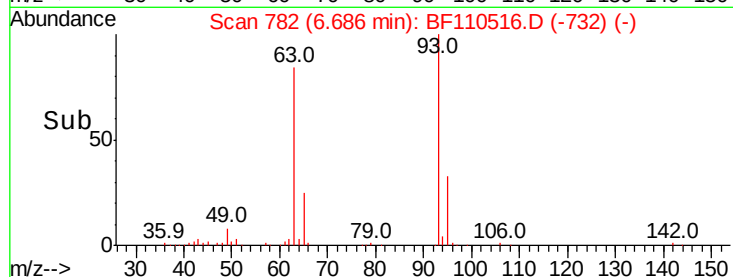
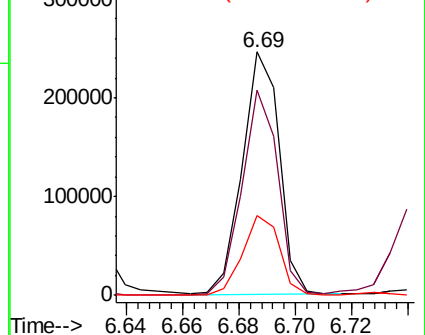
95 32.7 12.1 52.1



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: 41.452 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

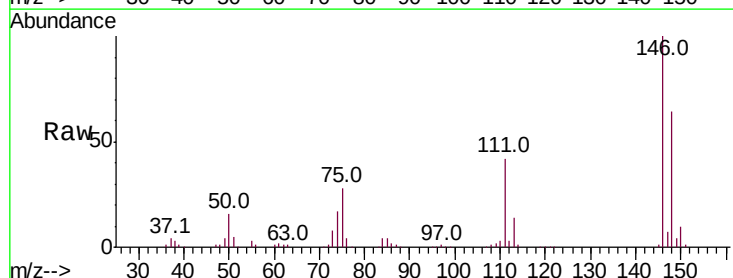
Tgt Ion: 146 Resp: 261559

Ion Ratio Lower Upper

146 100

148 64.2 50.4 75.6

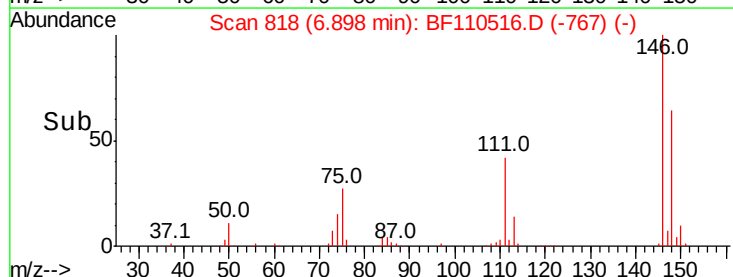
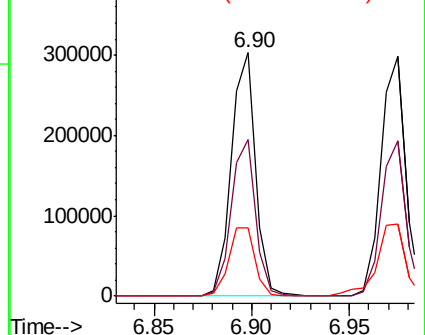
75 27.8 25.8 38.6

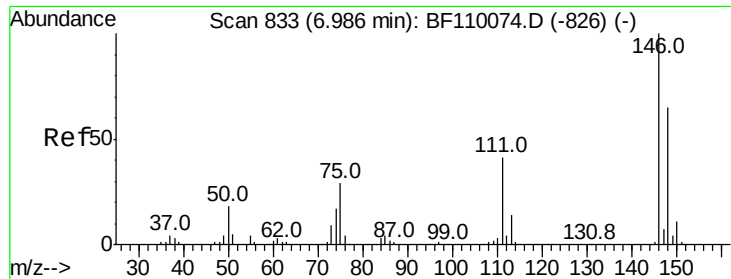


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

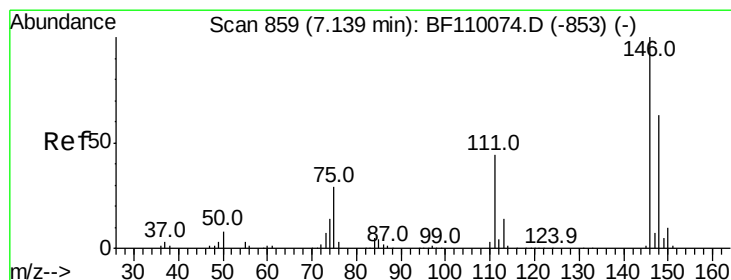
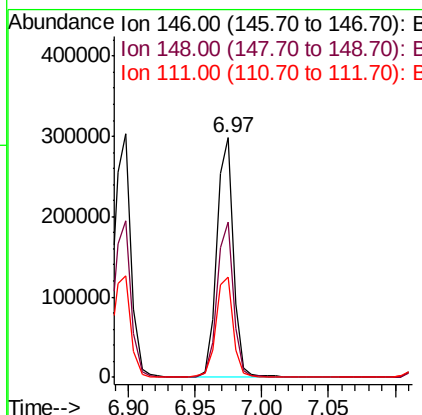
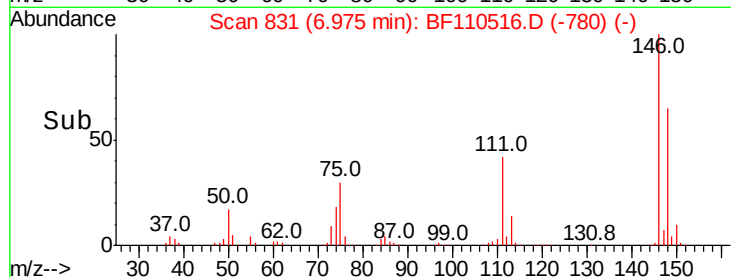
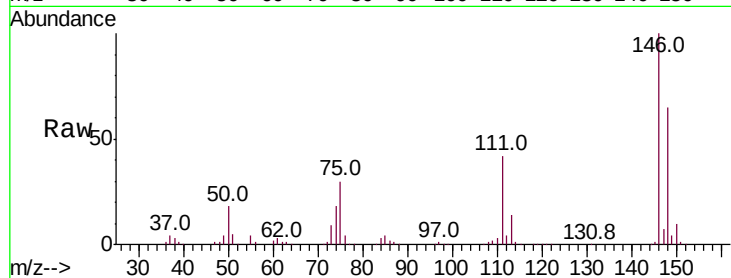




#13
 1,4-Dichlorobenzene
 Concen: 41.332 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF110516.D
 Acq: 6 Nov 2018 15:45

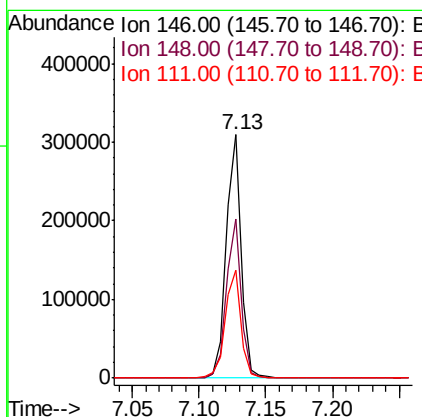
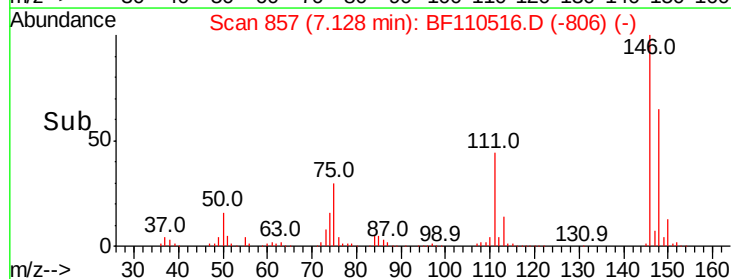
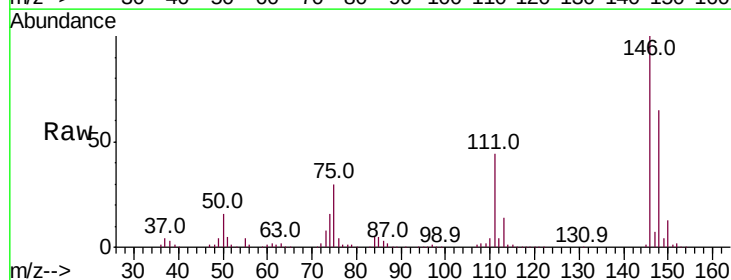
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

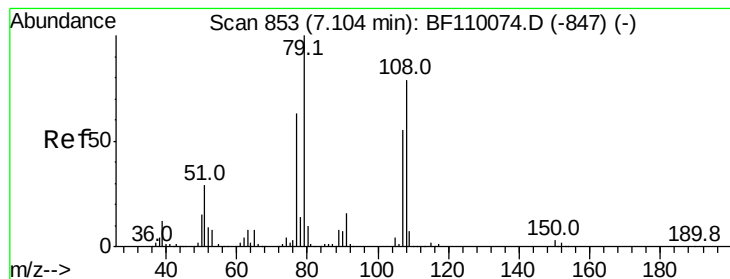
Tot Ion:146 Resp: 263764
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.3 75.5
 111 41.8 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 41.668 ng
 RT: 7.13 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF110516.D
 Acq: 6 Nov 2018 15:45

Tgt Ion:146 Resp: 246852
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.1 76.7
 111 44.3 35.8 53.6





#15

Benzyl Alcohol

Concen: 41.806 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

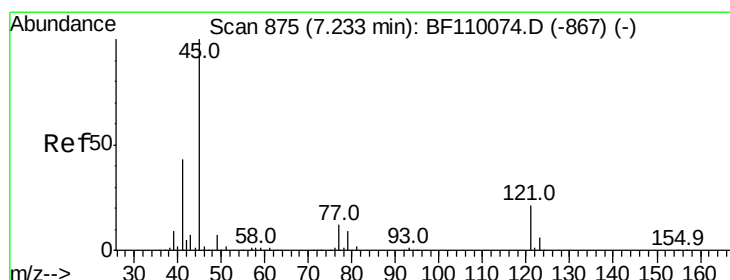
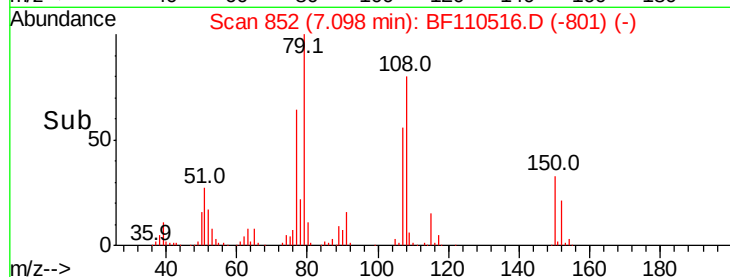
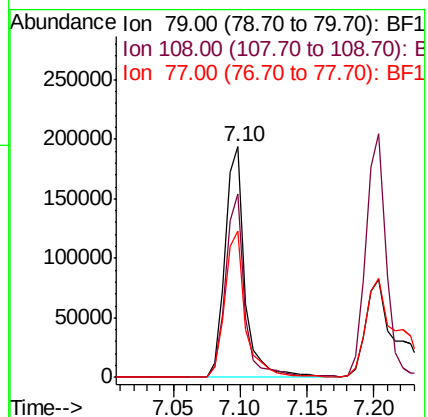
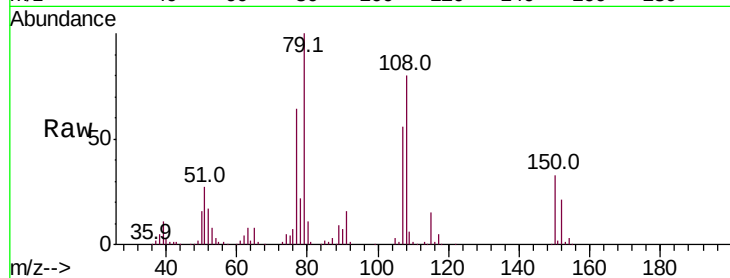
Tot Ion: 79 Resp: 204537

Ion Ratio Lower Upper

79 100

108 79.7 56.3 84.5

77 63.6 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.301 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

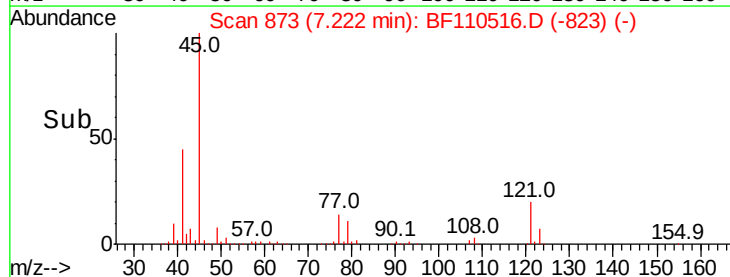
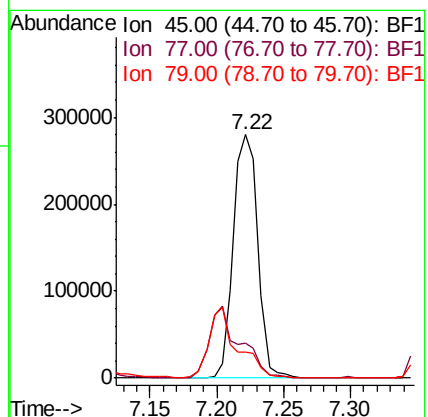
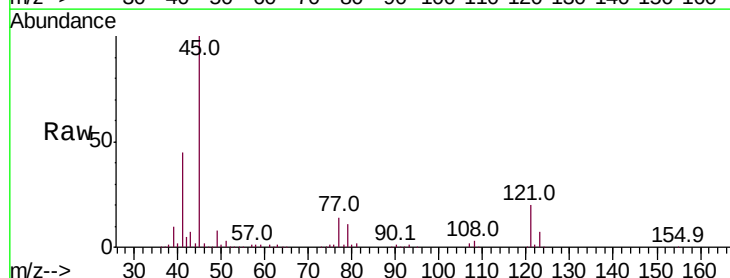
Tgt Ion: 45 Resp: 360471

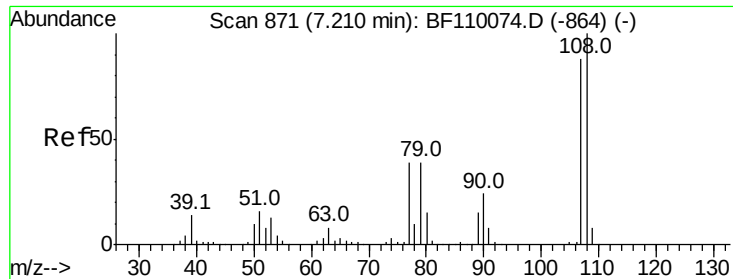
Ion Ratio Lower Upper

45 100

77 14.2 10.0 50.0

79 10.7 6.1 46.1

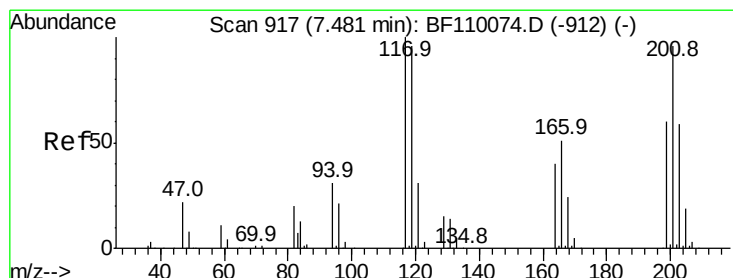
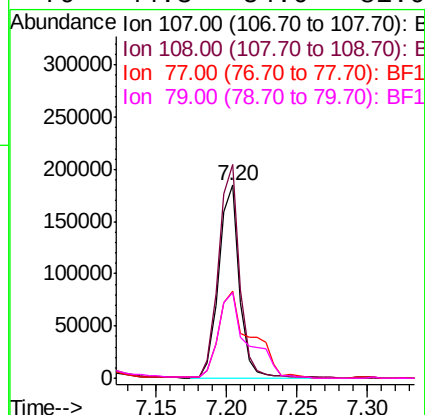
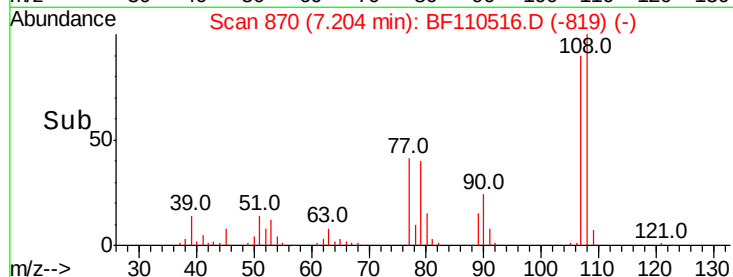
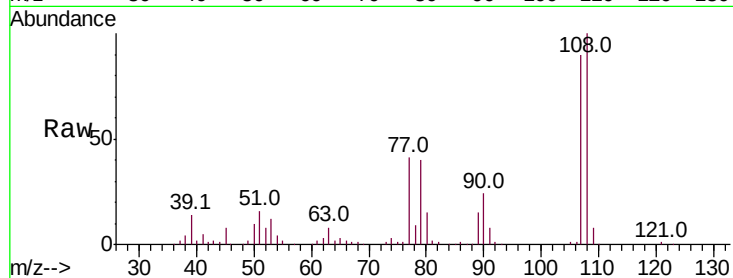




#17
2-Methylphenol
Concen: 41.377 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

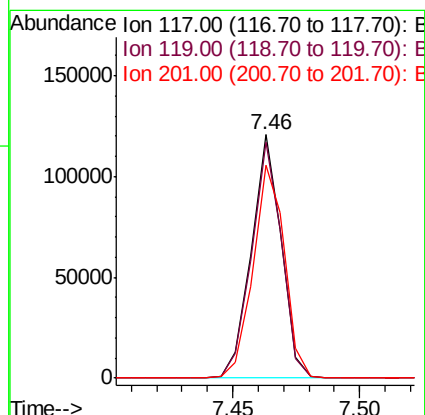
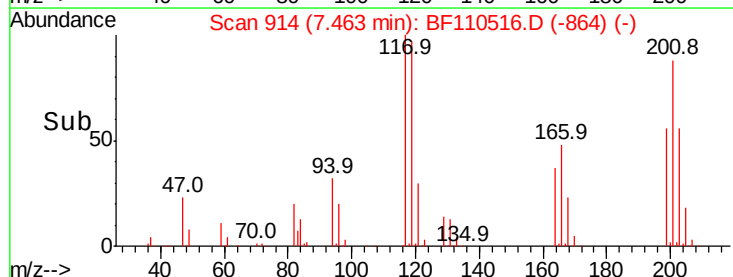
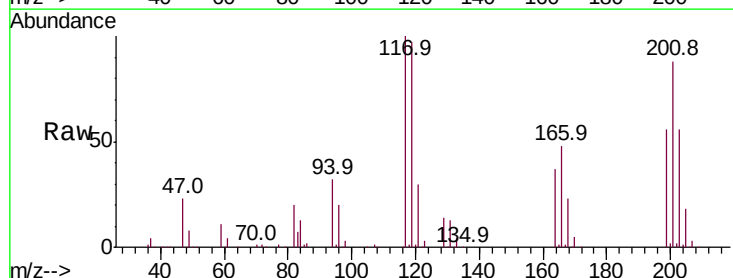
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

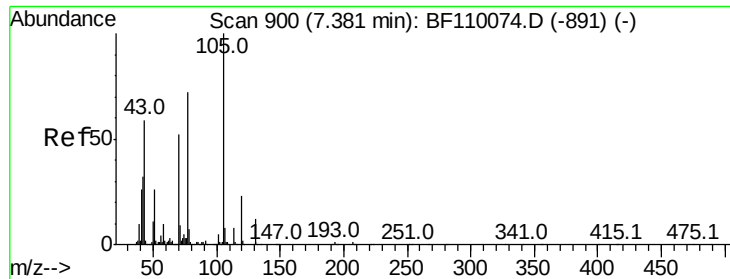
Tot Ion:107 Resp: 189074
Ion Ratio Lower Upper
107 100
108 110.8 92.6 138.8
77 45.3 59.4 89.2#
79 44.3 54.0 81.0#



#18
Hexachloroethane
Concen: 42.286 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Tgt Ion:117 Resp: 98797
Ion Ratio Lower Upper
117 100
119 96.7 75.0 112.6
201 87.7 79.2 118.8

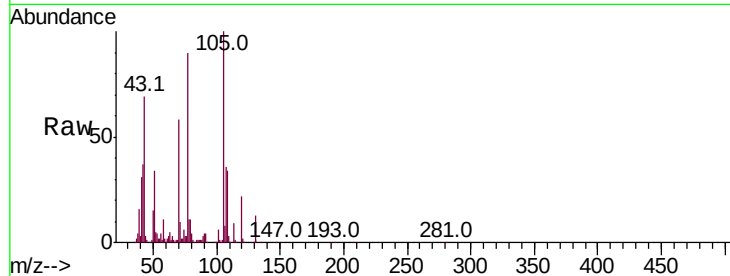




#19
n-Nitroso-di-n-propylamine
Concen: 40.525 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	165382
Ion	Ratio	Lower	Upper
70	100		
42	64.3	47.4	71.2
101	9.9	7.3	10.9
130	22.1	16.2	24.2



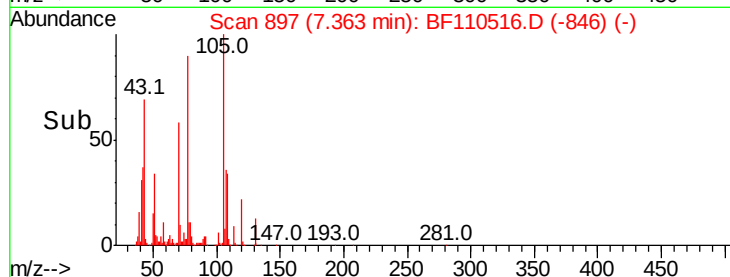
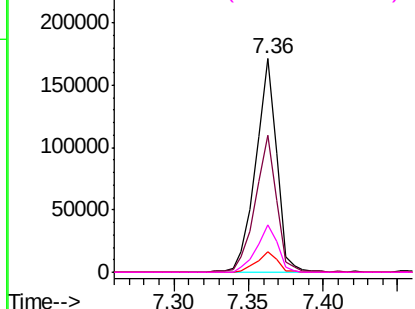
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

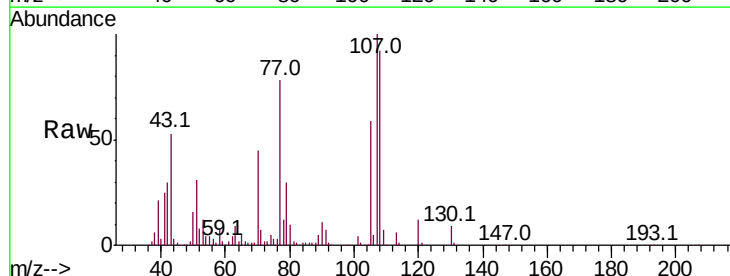
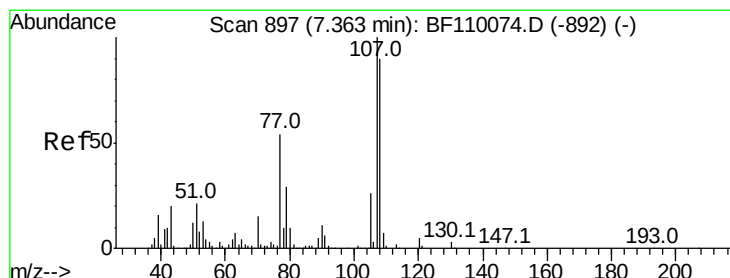
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 42.082 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Tgt Ion:	107	Resp:	248564
Ion	Ratio	Lower	Upper
107	100		
108	91.7	71.4	111.4
77	77.9	47.3	87.3
79	29.8	10.9	50.9



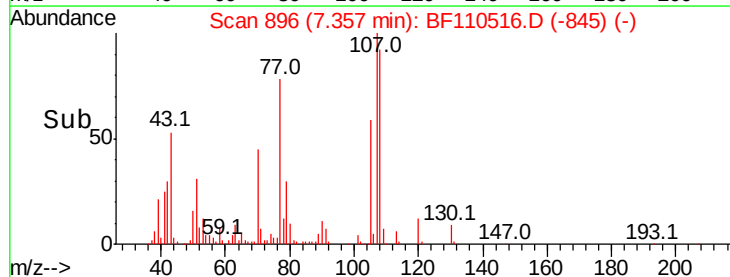
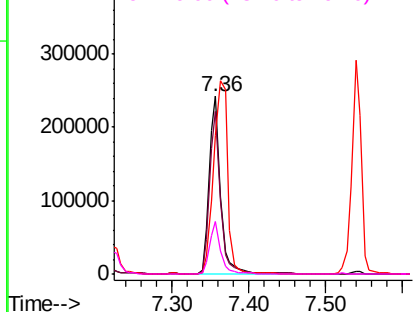
Abundance

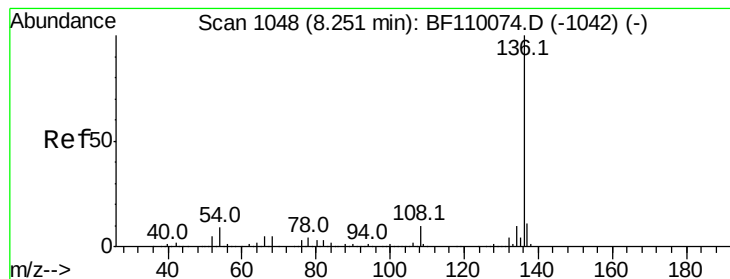
Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 349935

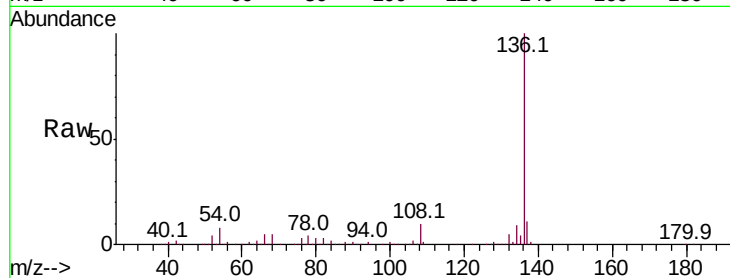
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.0 5.4 8.2

68 4.8 4.2 6.2

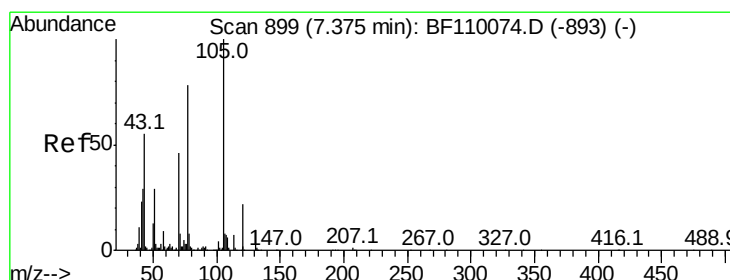
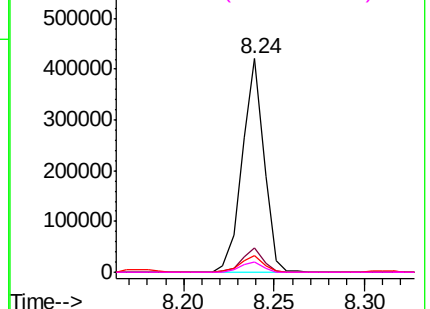
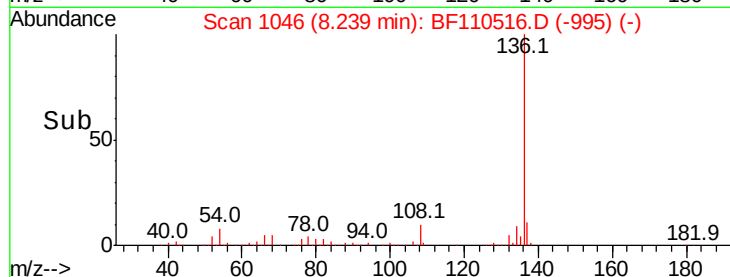


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.417 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Tgt Ion:105 Resp: 325896

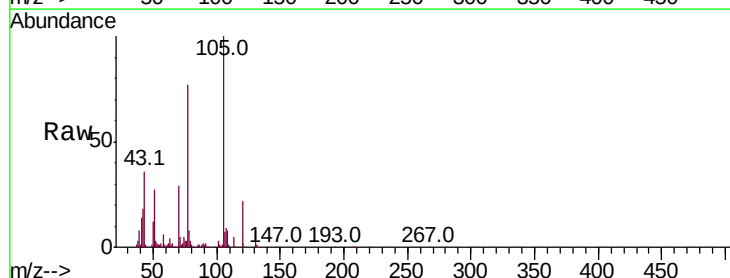
Ion Ratio Lower Upper

105 100

71 4.7 5.2 7.8#

51 27.3 21.8 32.8

120 22.0 17.0 25.4

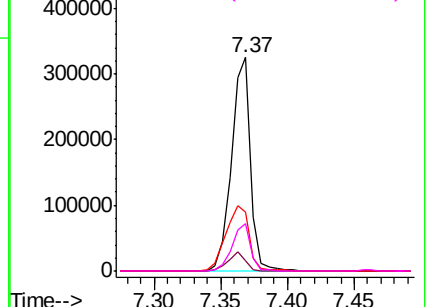
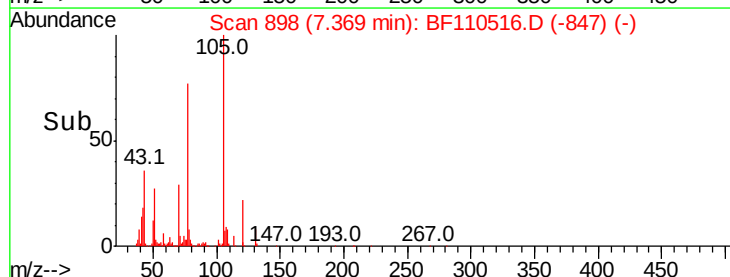


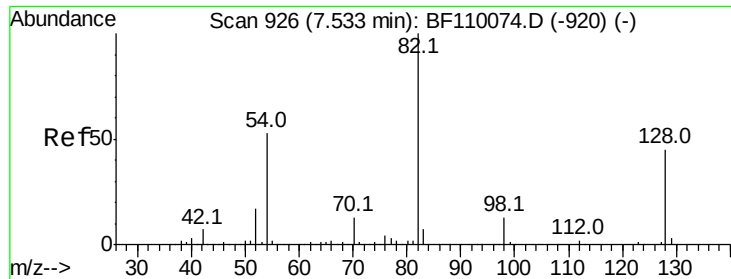
Abundance Ion 105.00 (104.70 to 105.70): E

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

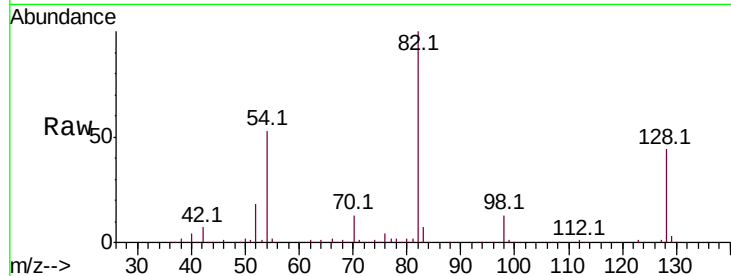




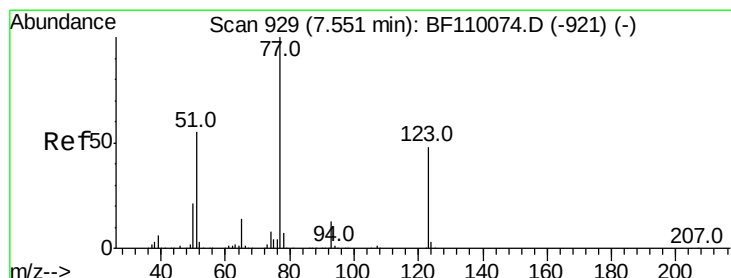
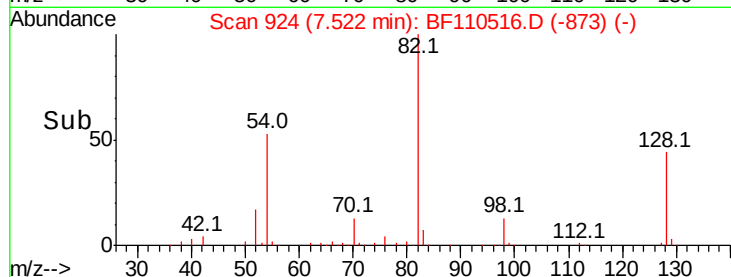
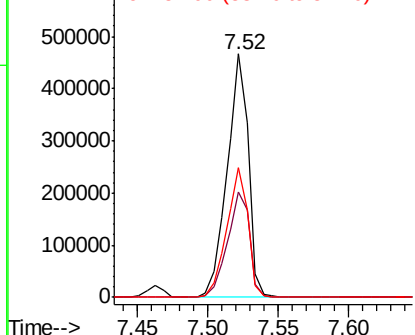
#23
 Nitrobenzene-d5
 Concen: 82.382 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BF110516.D
 Acq: 6 Nov 2018 15:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	486038
Ion Ratio	100	Lower	Upper
128	43.5	34.2	51.2
54	53.2	38.6	58.0

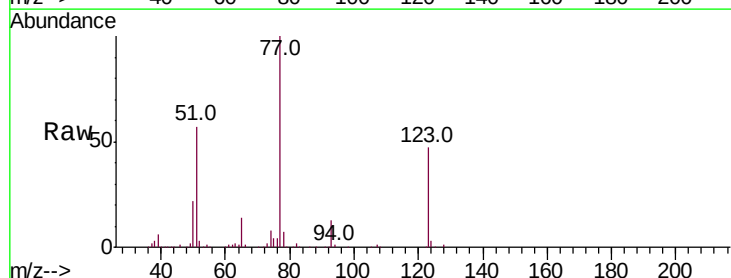


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

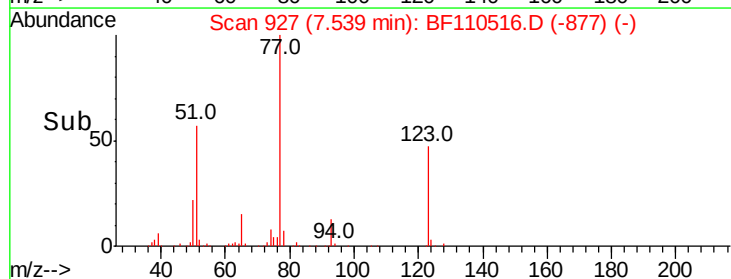
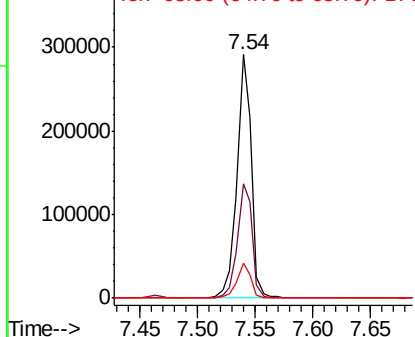


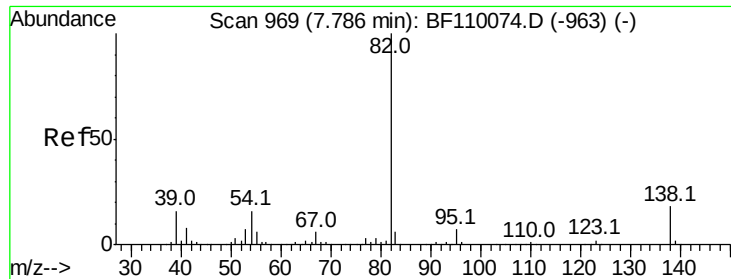
#24
 Nitrobenzene
 Concen: 40.812 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF110516.D
 Acq: 6 Nov 2018 15:45

Tgt Ion	77	Resp	248587
Ion Ratio	100	Lower	Upper
123	47.0	35.7	53.5
65	14.4	10.7	16.1



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





#25

Isophorone

Concen: 39.260 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

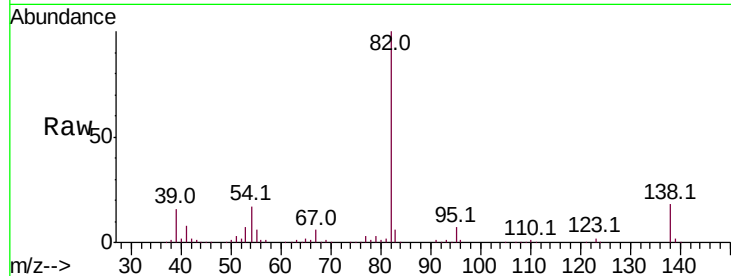
Tot Ion: 82 Resp: 394835

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

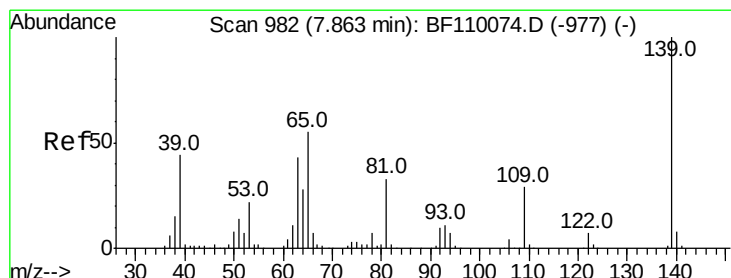
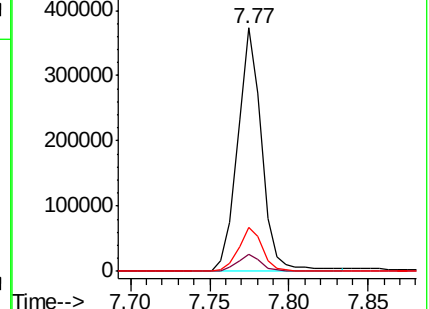
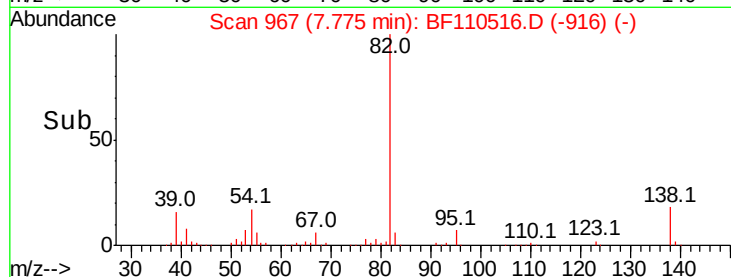
138 18.1 13.2 19.8



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: 44.582 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

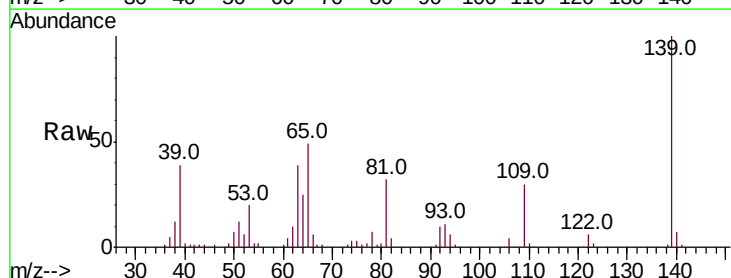
Tgt Ion: 139 Resp: 129222

Ion Ratio Lower Upper

139 100

109 30.2 25.0 37.6

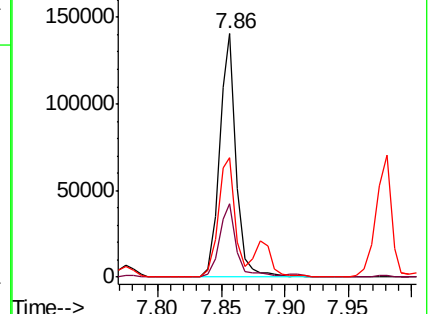
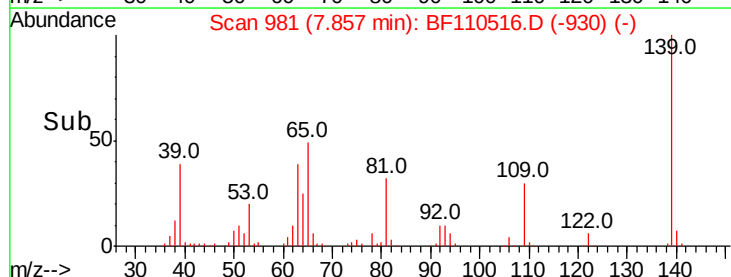
65 48.9 44.0 66.0

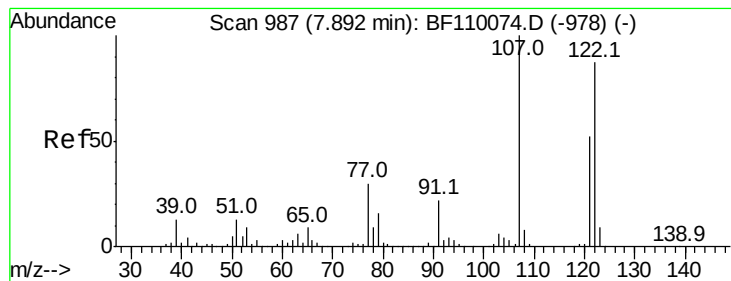


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 40.202 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

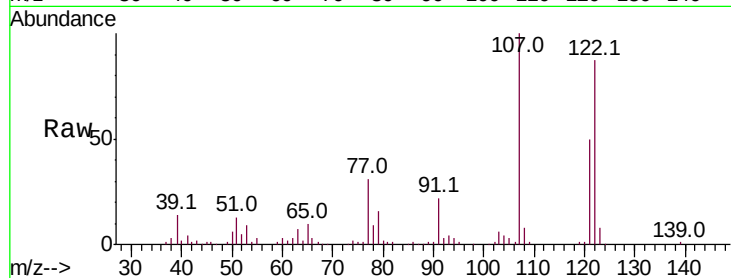
Tot Ion:122 Resp: 193197

Ion Ratio Lower Upper

122 100

107 114.9 92.5 138.7

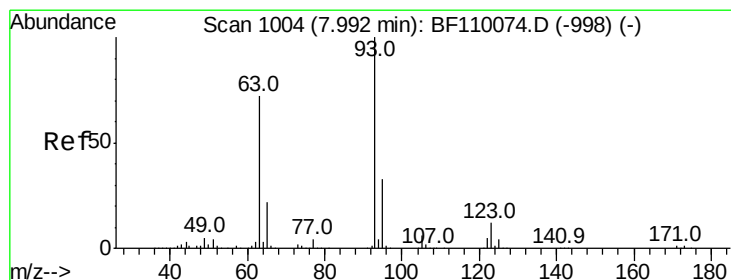
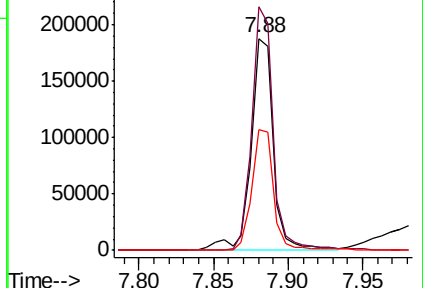
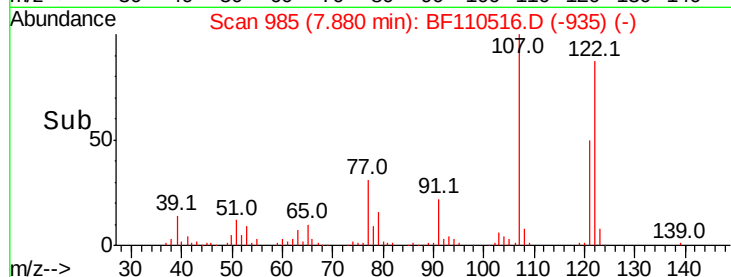
121 57.3 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.959 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

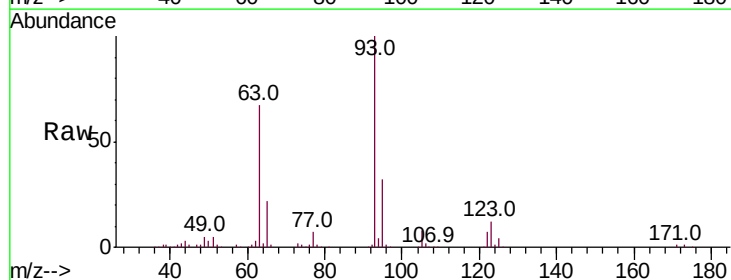
Tgt Ion: 93 Resp: 272995

Ion Ratio Lower Upper

93 100

95 32.3 26.4 39.6

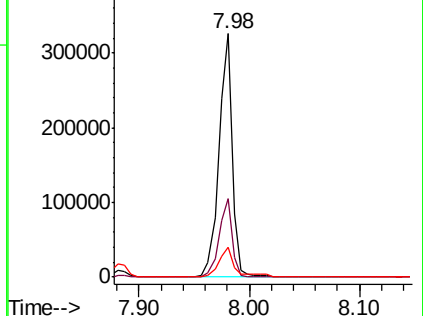
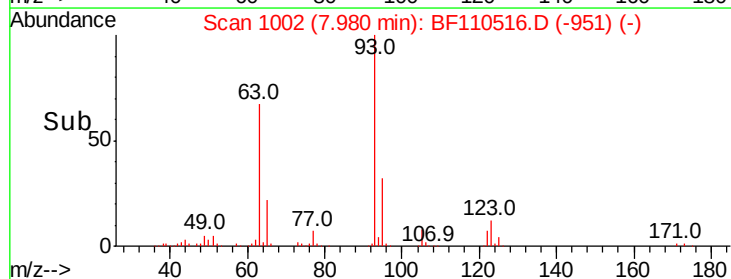
123 12.3 9.0 13.6

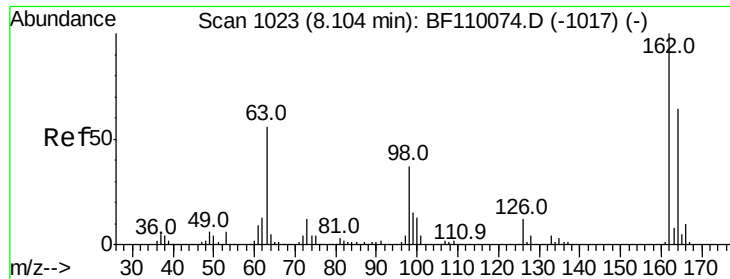


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

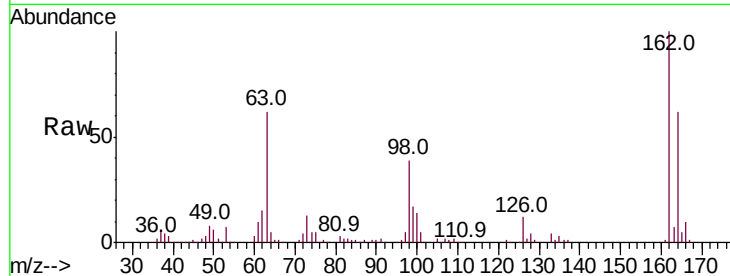




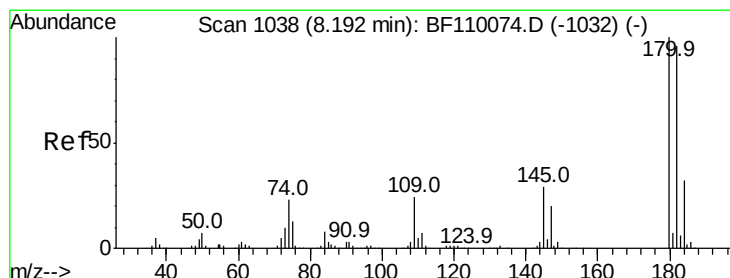
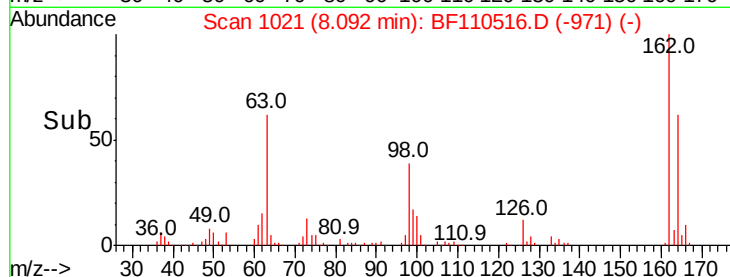
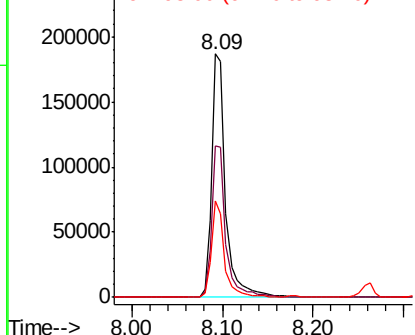
#29
2,4-Dichlorophenol
Concen: 41.619 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.4	44.6	84.6
98	39.4	17.4	57.4

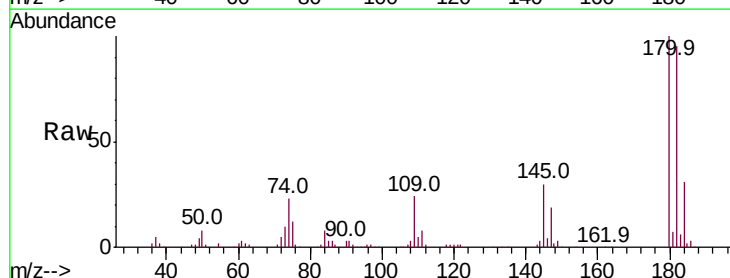


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

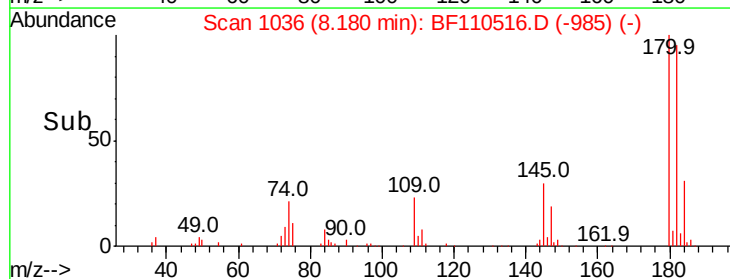
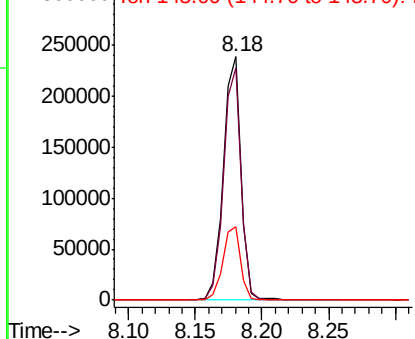


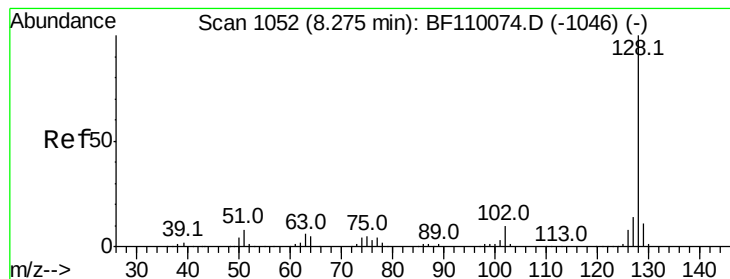
#30
1,2,4-Trichlorobenzene
Concen: 41.256 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	80.3	120.5
145	30.3	25.4	38.0



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





#31

Naphthalene

Concen: 40.957 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

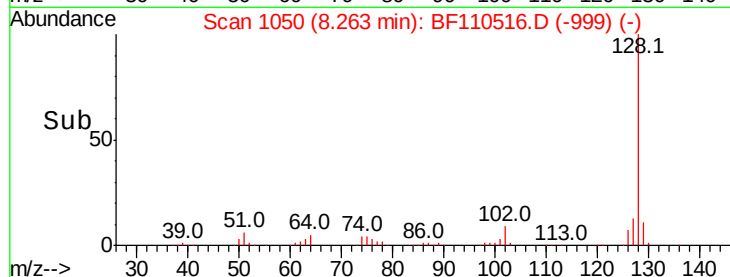
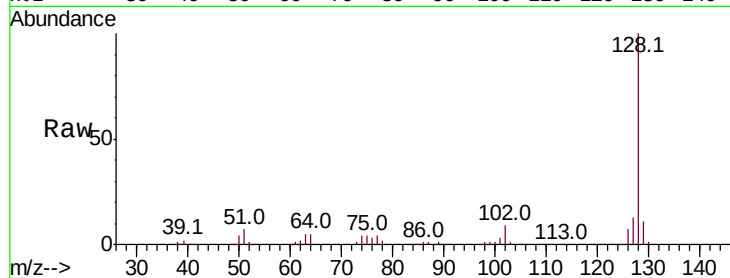
Tot Ion:128 Resp: 660564

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

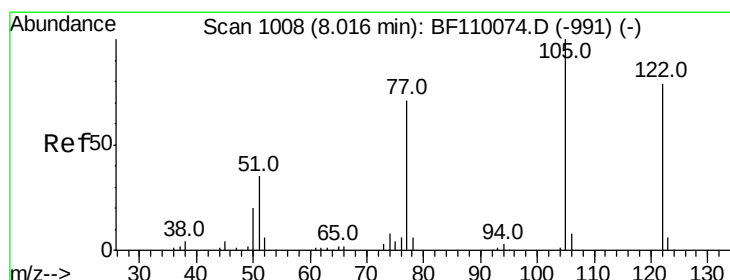
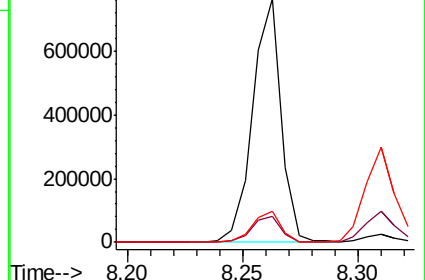
127 12.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.865 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

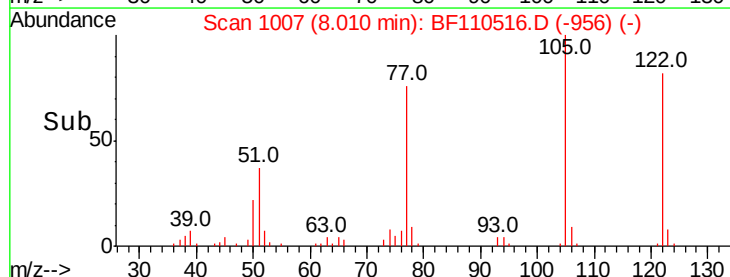
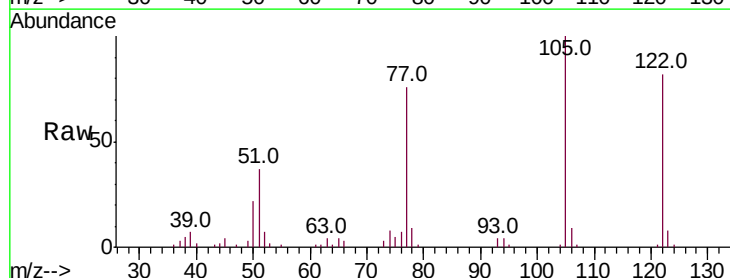
Tgt Ion:122 Resp: 133211

Ion Ratio Lower Upper

122 100

105 122.2 109.0 149.0

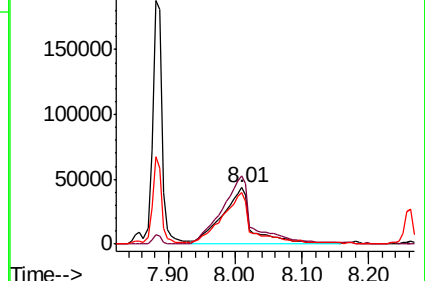
77 92.8 79.0 119.0

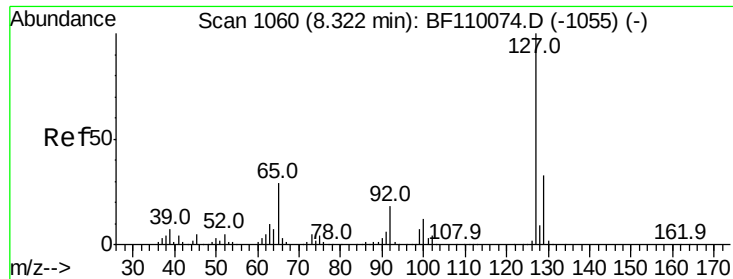


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

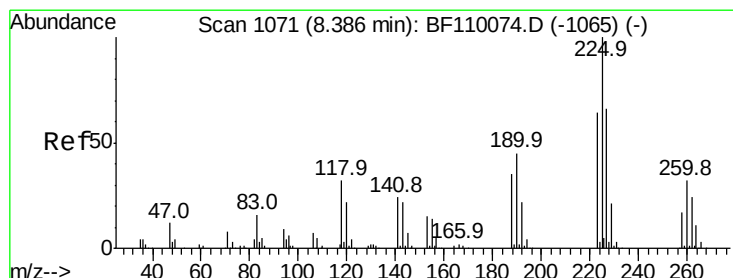
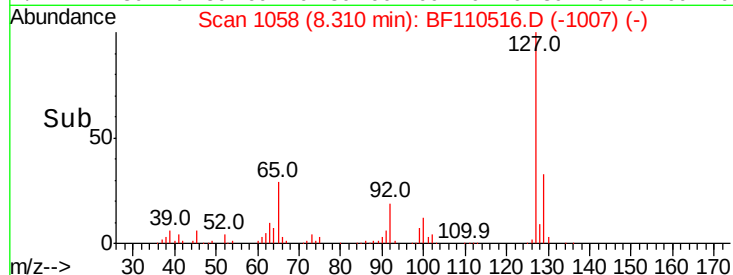
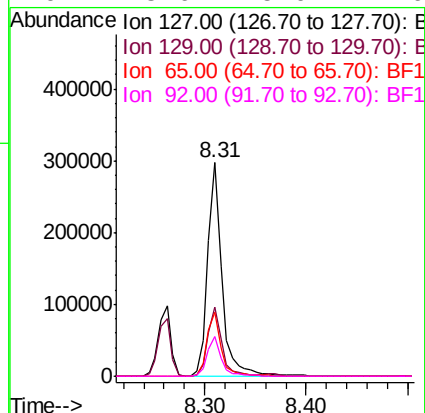
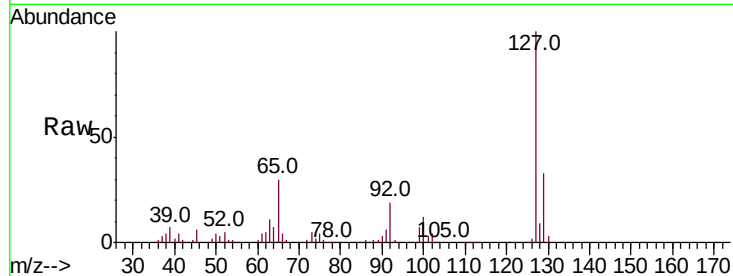




#33
4-Chloroaniline
Concen: 40.101 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

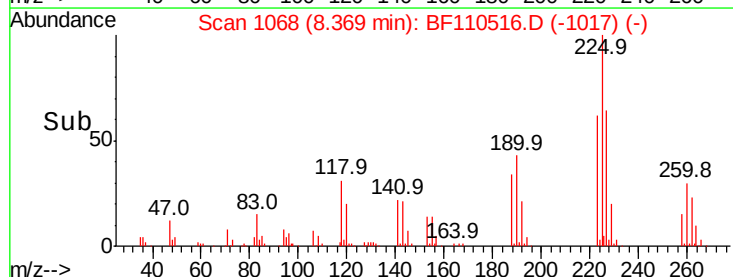
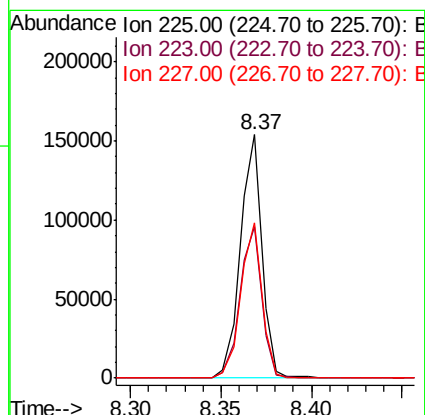
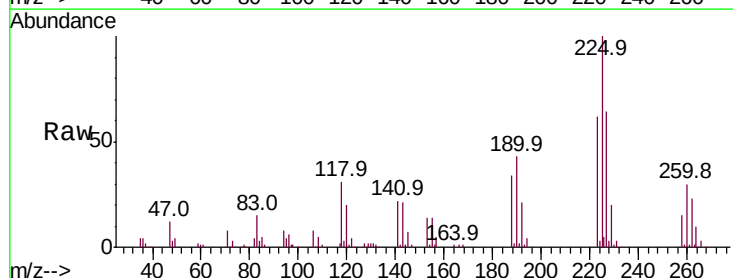
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

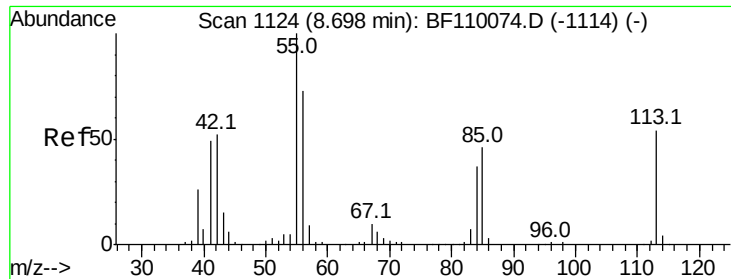
Tot Ion:	127	Resp:	291079
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	30.2	25.1	37.7
92	18.6	15.0	22.6



#34
Hexachlorobutadiene
Concen: 42.137 ng
RT: 8.37 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Tgt Ion:	225	Resp:	127236
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.4	77.2
227	64.0	51.0	76.6

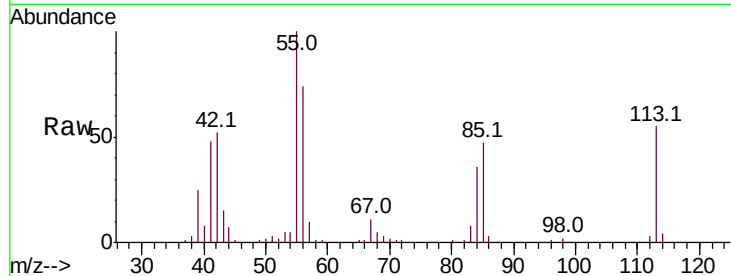




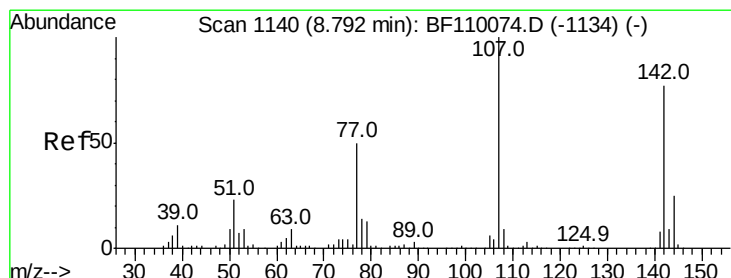
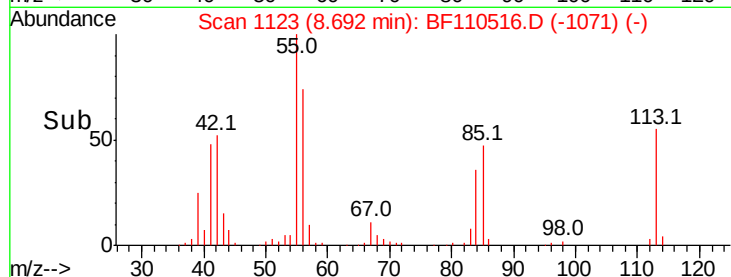
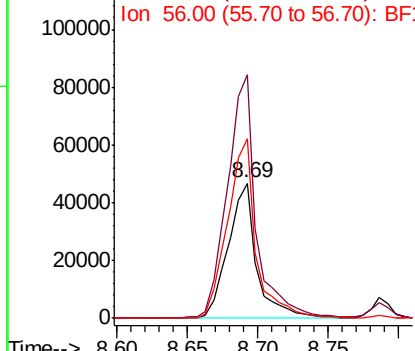
#35
 Caprolactam
 Concen: 38.771 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF110516.D
 Acq: 6 Nov 2018 15:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 65609
 Ion Ratio Lower Upper
 113 100
 55 180.5 142.8 182.8
 56 133.3 105.0 145.0

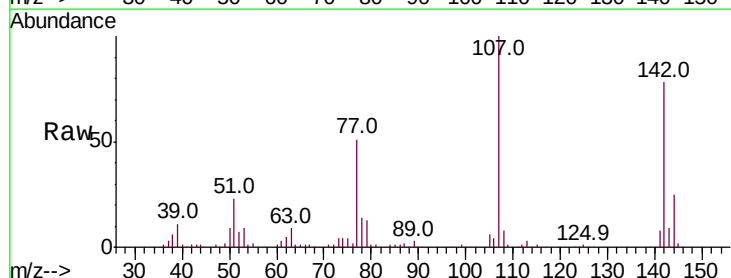


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

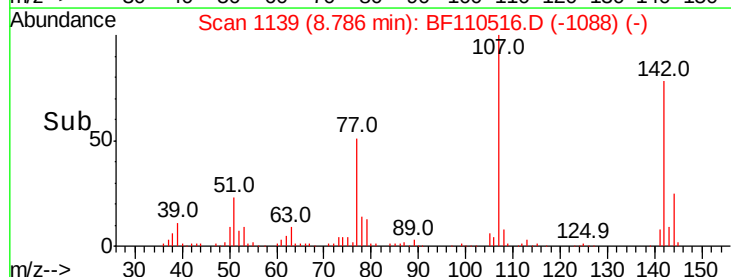
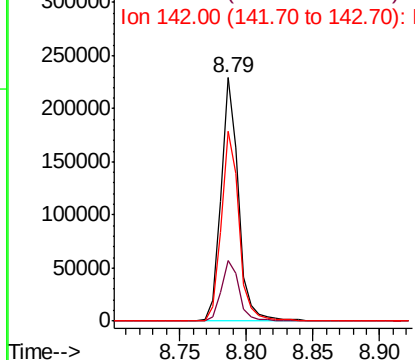


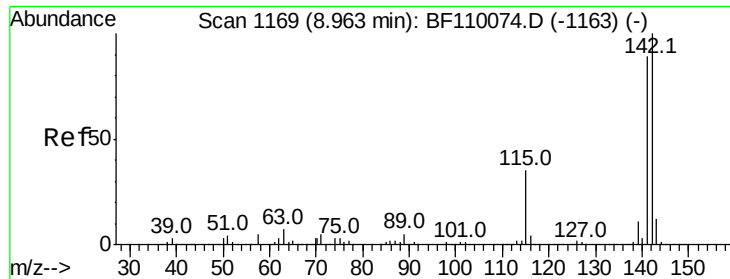
#36
 4-Chloro-3-methylphenol
 Concen: 40.486 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BF110516.D
 Acq: 6 Nov 2018 15:45

Tgt Ion:107 Resp: 212558
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.0 30.0
 142 78.2 59.7 89.5



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

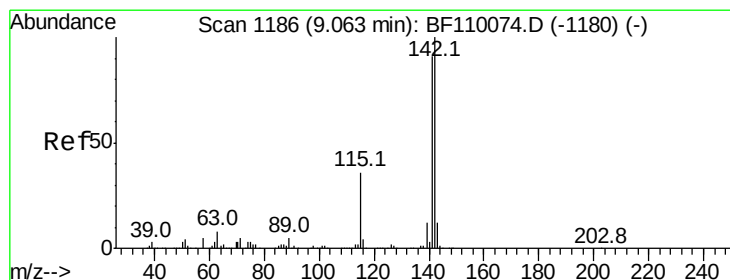
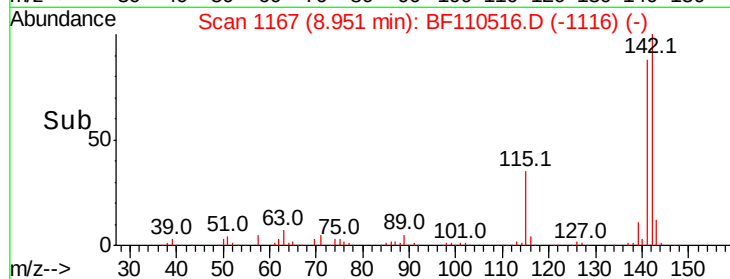
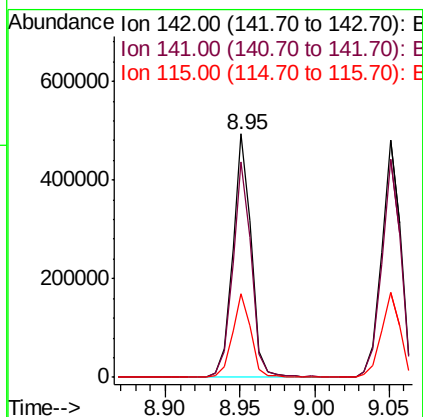
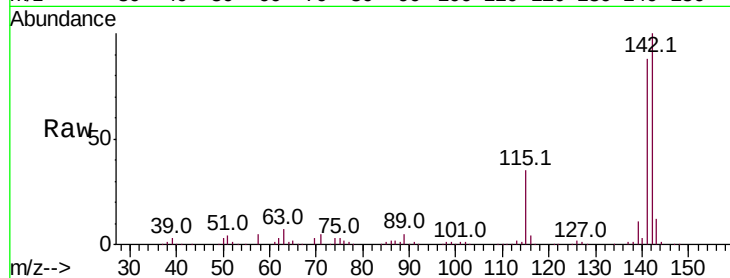




#37
 2-Methylnaphthalene
 Concen: 40.565 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF110516.D
 Acq: 6 Nov 2018 15:45

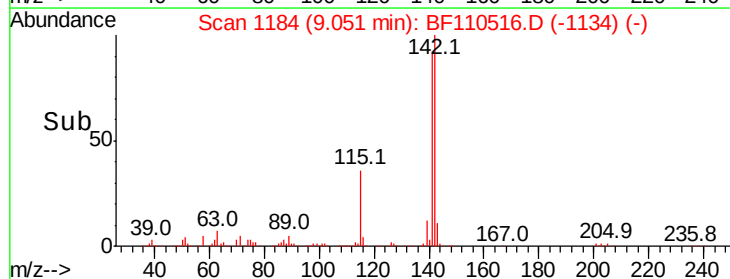
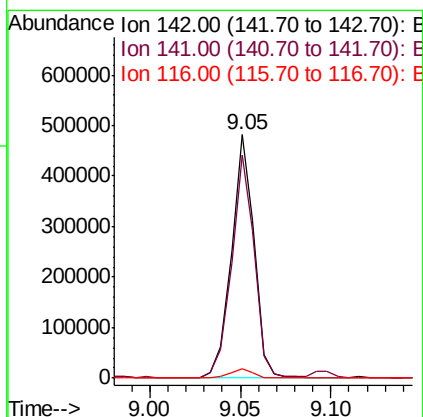
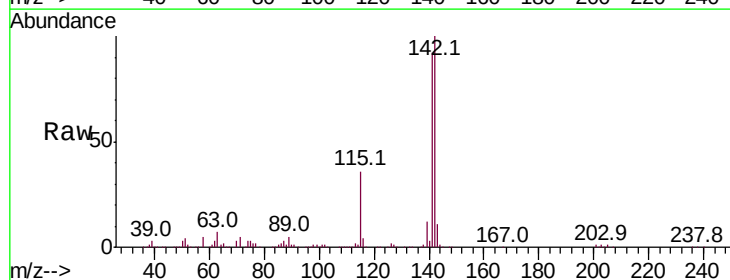
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

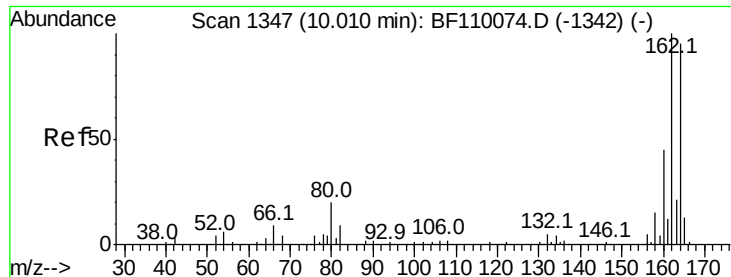
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.4	107.2
115	34.5	28.7	43.1



#38
 1-Methylnaphthalene
 Concen: 40.484 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF110516.D
 Acq: 6 Nov 2018 15:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.2	111.4
116	3.6	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

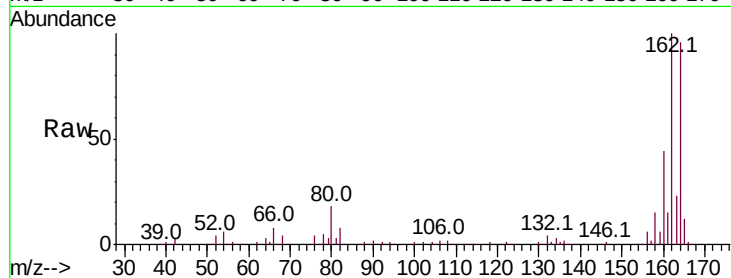
Tot Ion:164 Resp: 167882

Ion Ratio Lower Upper

164 100

162 104.3 83.0 124.6

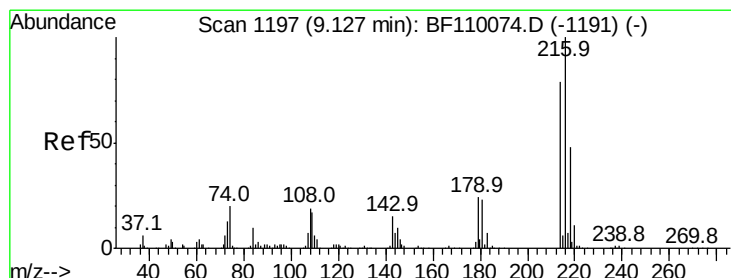
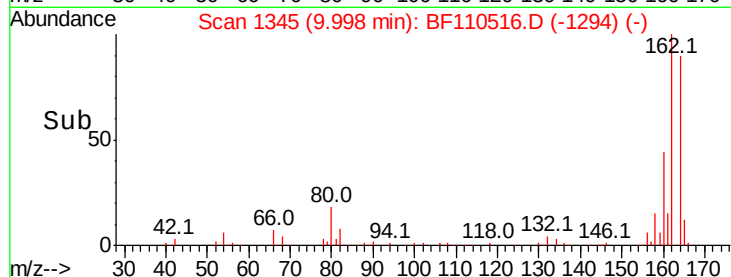
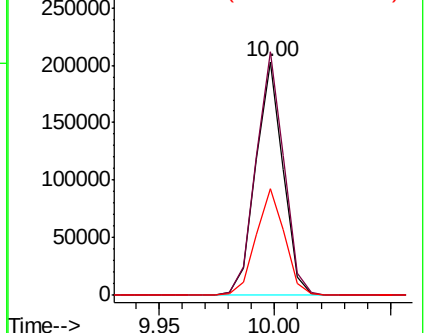
160 45.5 37.0 55.6



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: 40.852 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Tgt Ion:216 Resp: 213693

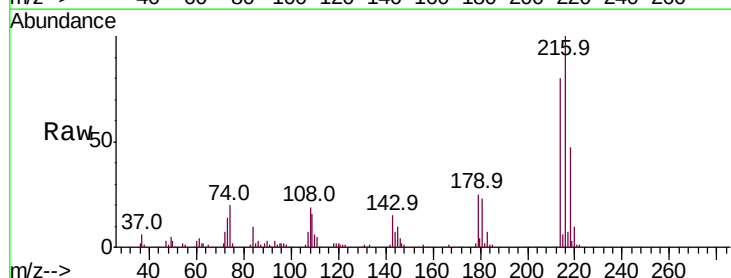
Ion Ratio Lower Upper

216 100

214 80.4 63.8 95.6

179 23.3 16.6 25.0

108 19.4 15.1 22.7

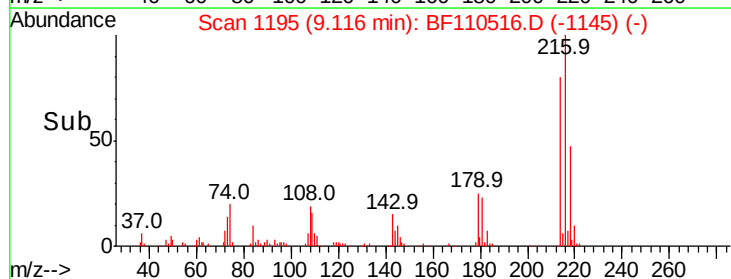
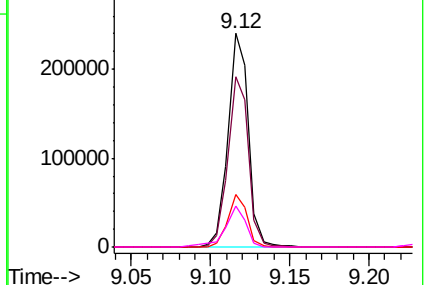


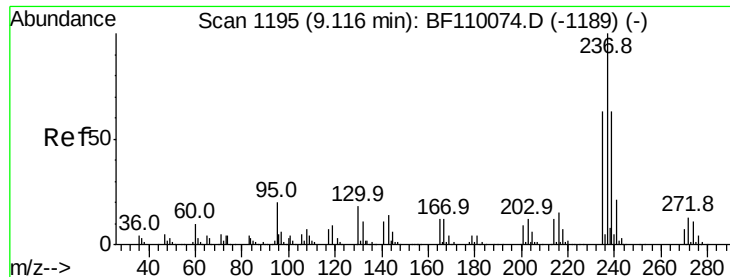
Abundance Ion 216.00 (215.70 to 216.70): E

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

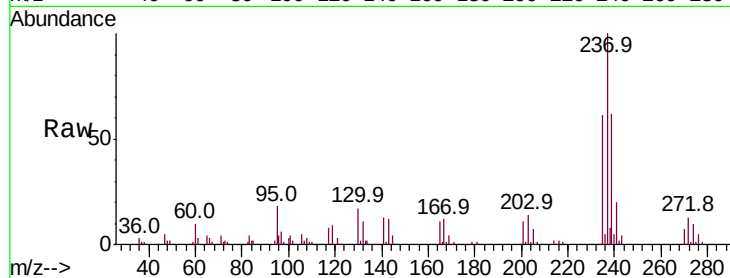




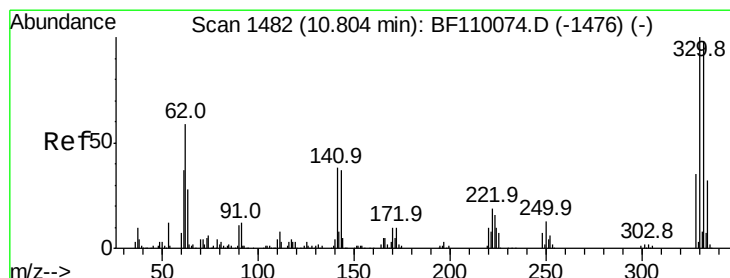
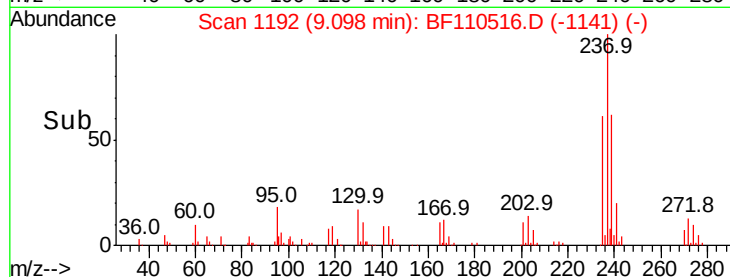
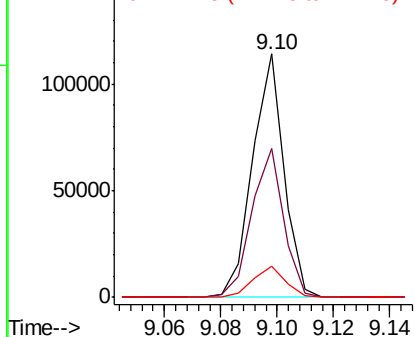
#41
Hexachlorocyclopentadiene
Concen: 32.975 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.4	43.1	83.1
272	12.7	0.0	32.6

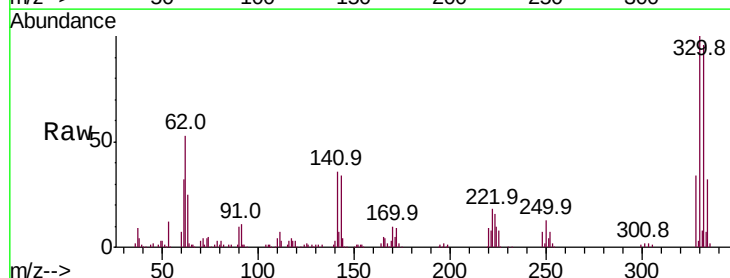


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

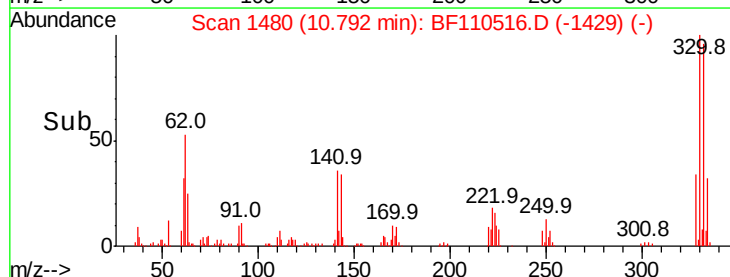
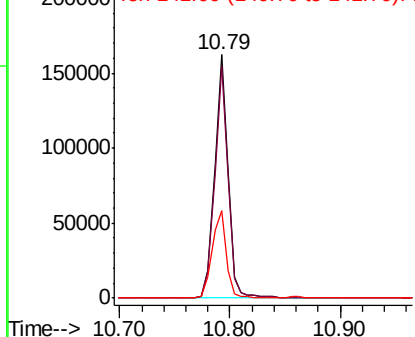


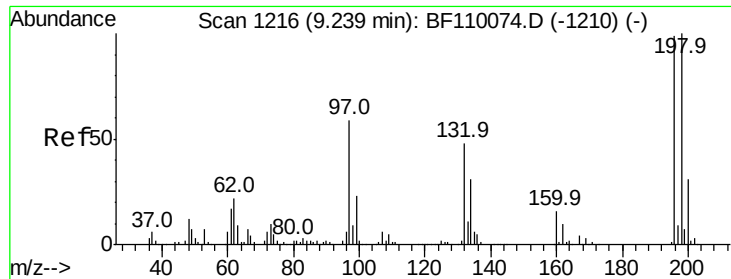
#42
2,4,6-Tribromophenol
Concen: 81.884 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.1	115.7
141	37.1	27.0	40.4



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

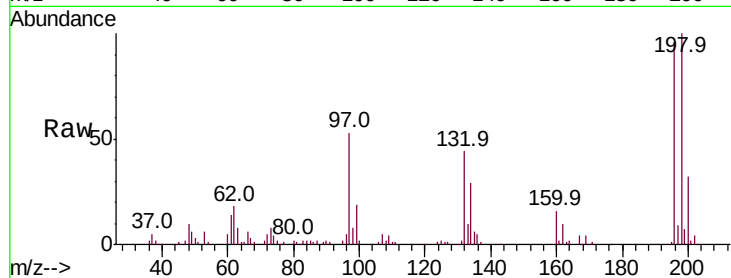




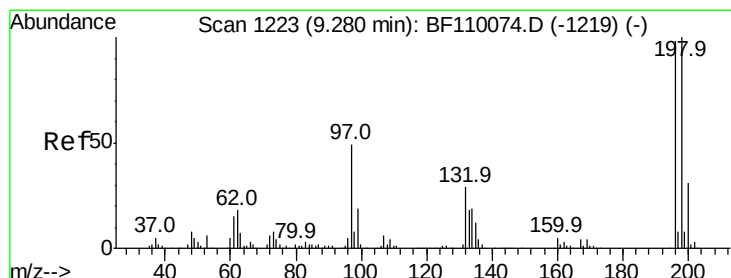
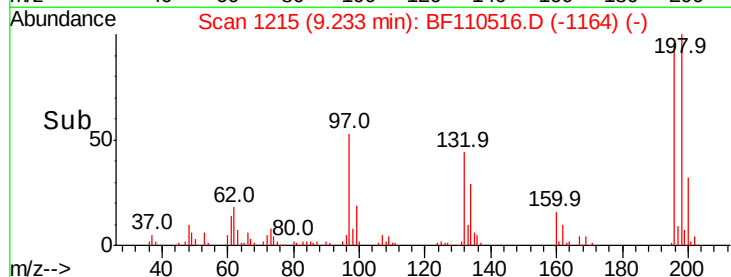
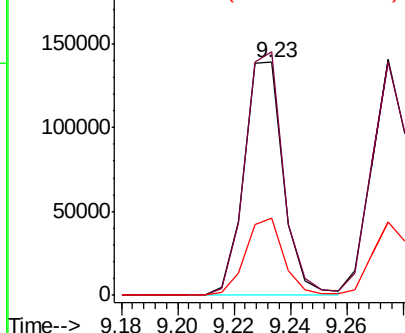
#43
 2,4,6-Trichlorophenol
 Concen: 39.936 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF110516.D
 Acq: 6 Nov 2018 15:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	134737
Ion	Ratio	Lower	Upper
196	100		
198	104.6	76.2	114.4
200	33.2	24.4	36.6

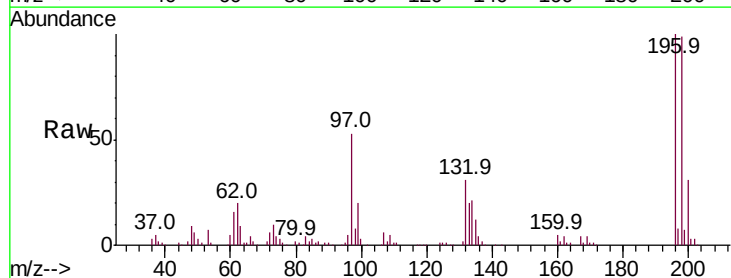


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

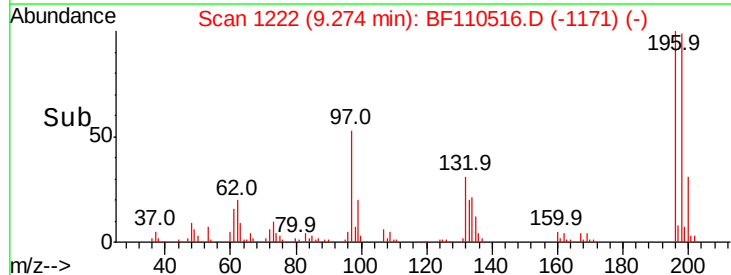
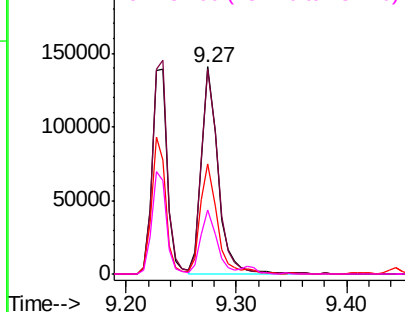


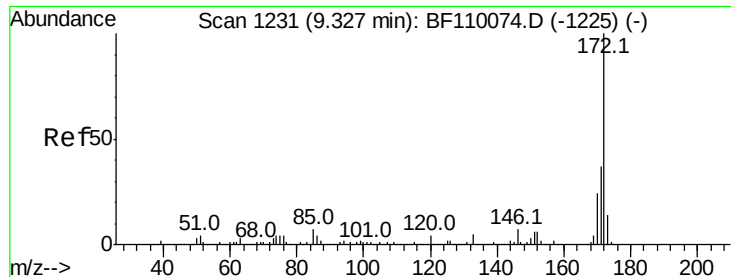
#44
 2,4,5-Trichlorophenol
 Concen: 40.312 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF110516.D
 Acq: 6 Nov 2018 15:45

Tgt Ion:	196	Resp:	143765
Ion	Ratio	Lower	Upper
196	100		
198	98.9	75.8	113.6
97	52.9	42.4	63.6
132	30.8	22.8	34.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

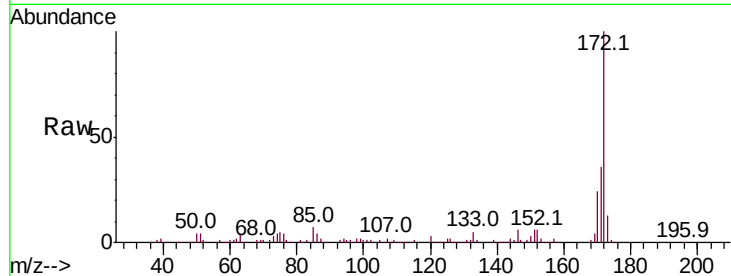




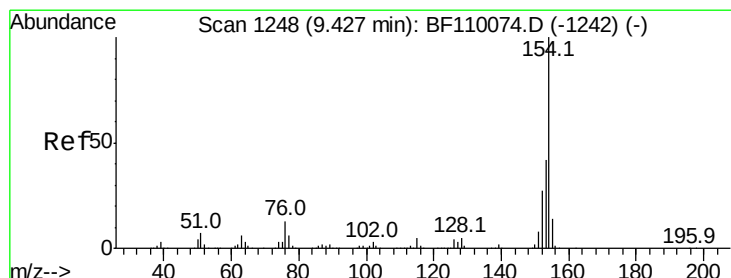
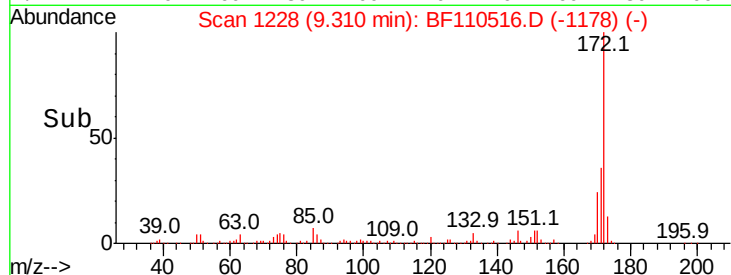
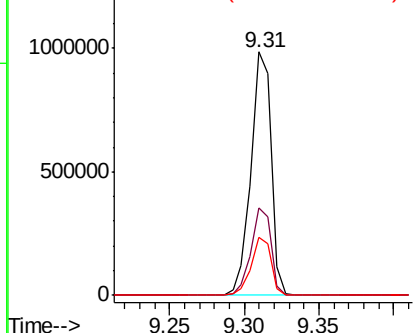
#45
2-Fluorobiphenyl
Concen: 85.942 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 918839
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.6 19.7 29.5

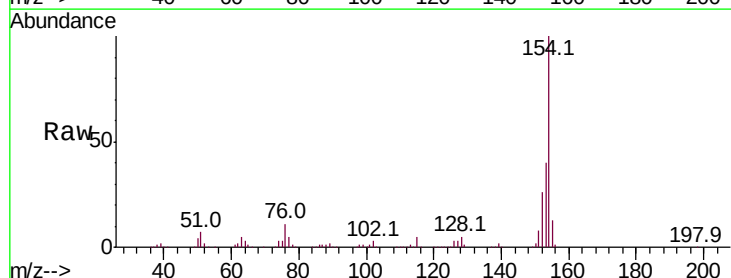


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

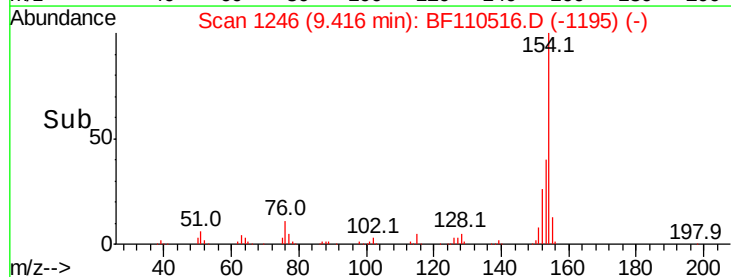
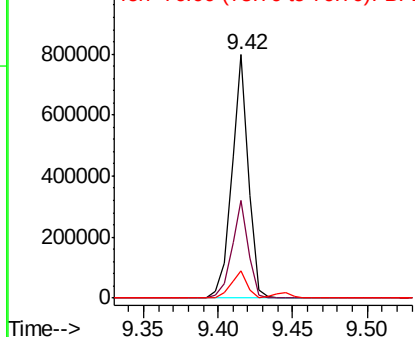


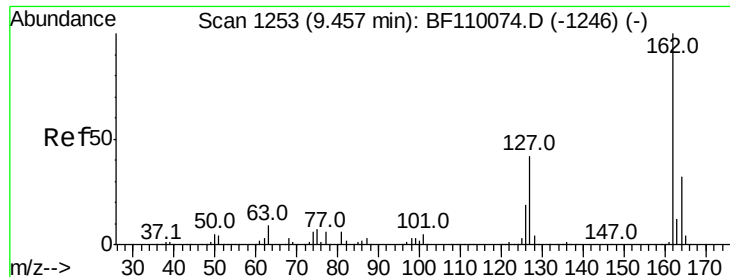
#46
1,1'-Biphenyl
Concen: 41.245 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Tgt Ion:154 Resp: 626161
Ion Ratio Lower Upper
154 100
153 40.3 20.4 60.4
76 11.3 0.0 31.9



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

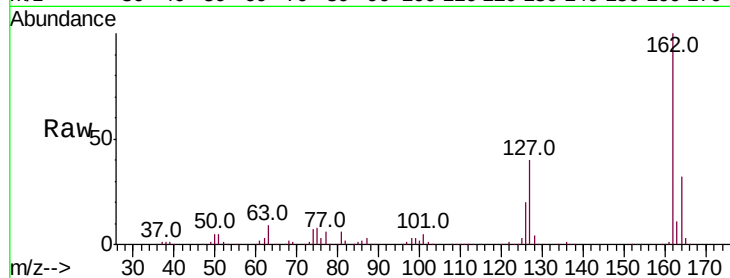




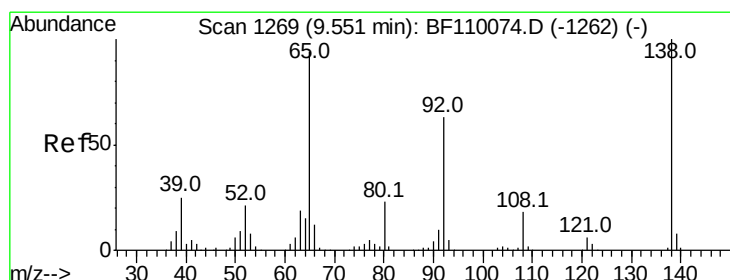
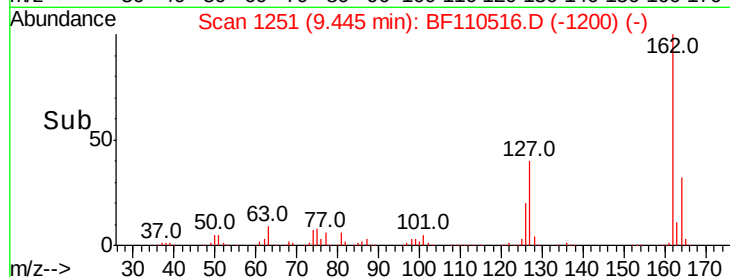
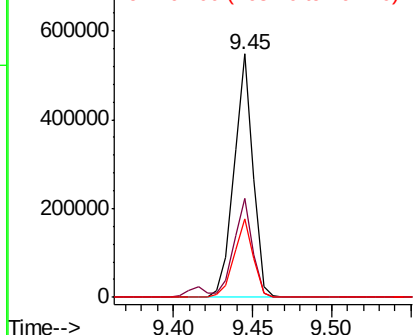
#47
 2-Chloronaphthalene
 Concen: 40.776 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: BF110516.D
 Acq: 6 Nov 2018 15:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 454082
 Ion Ratio Lower Upper
 162 100
 127 40.5 32.6 48.8
 164 32.2 25.9 38.9

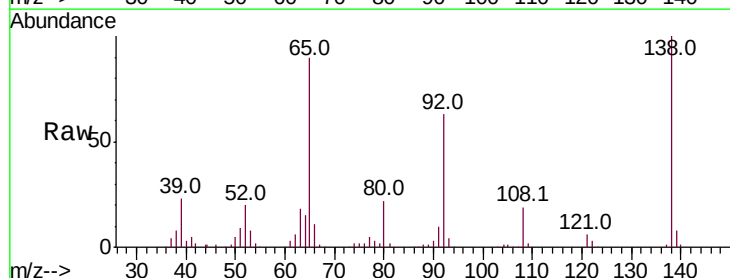


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

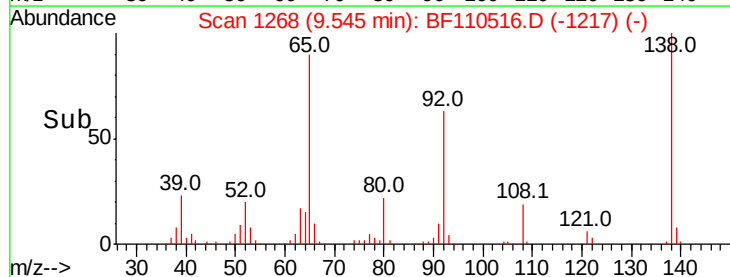
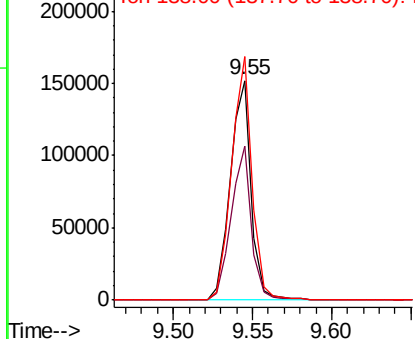


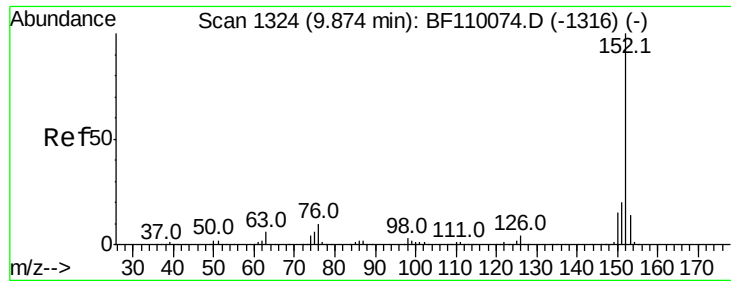
#48
 2-Nitroaniline
 Concen: 41.062 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF110516.D
 Acq: 6 Nov 2018 15:45

Tgt Ion: 65 Resp: 138568
 Ion Ratio Lower Upper
 65 100
 92 69.9 54.6 81.8
 138 110.9 80.3 120.5



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: 40.633 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

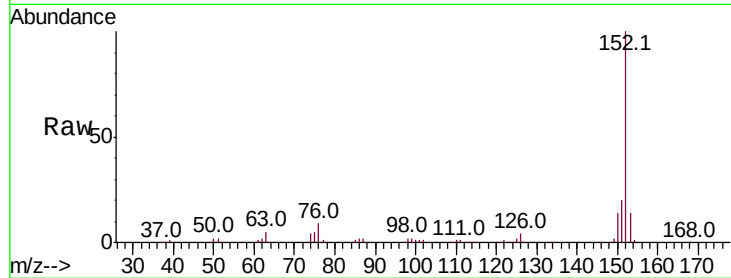
Tot Ion:152 Resp: 653566

Ion Ratio Lower Upper

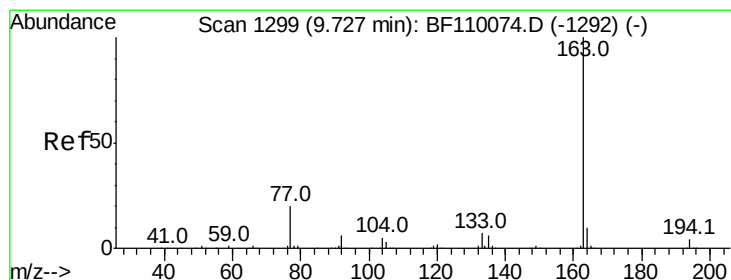
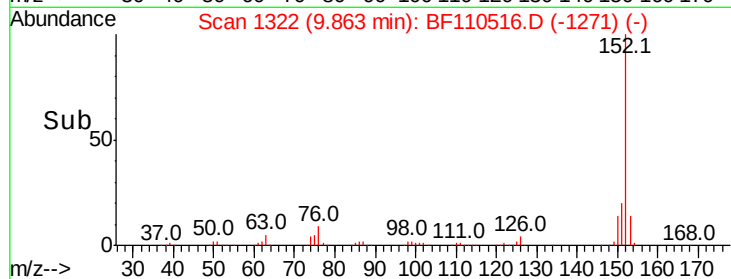
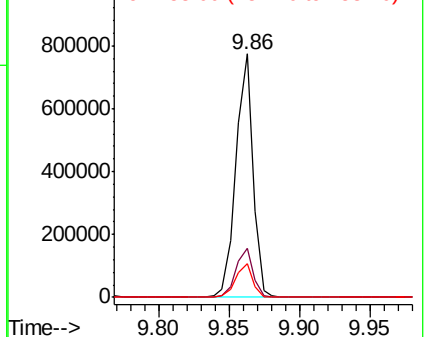
152 100

151 20.1 15.8 23.8

153 13.9 10.4 15.6



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



#50

Dimethylphthalate

Concen: 40.104 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

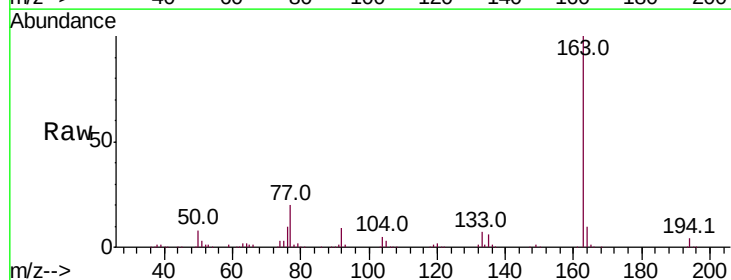
Tgt Ion:163 Resp: 496995

Ion Ratio Lower Upper

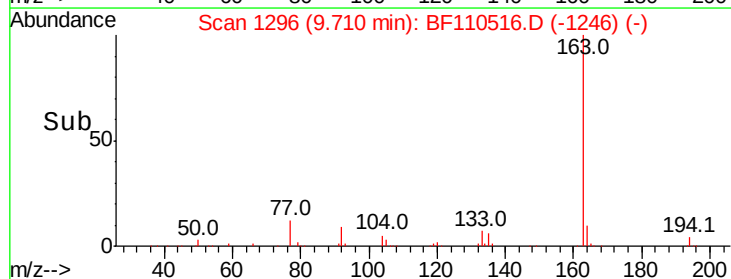
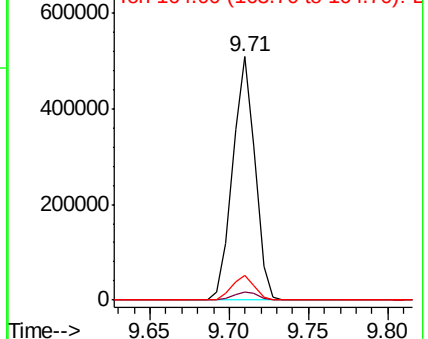
163 100

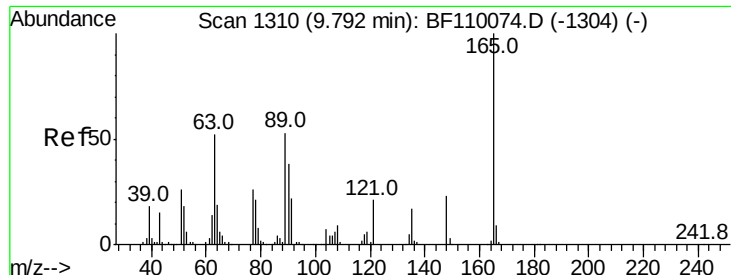
194 3.5 3.2 4.8

164 10.2 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

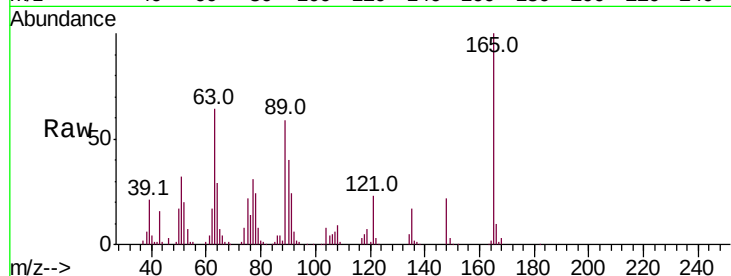




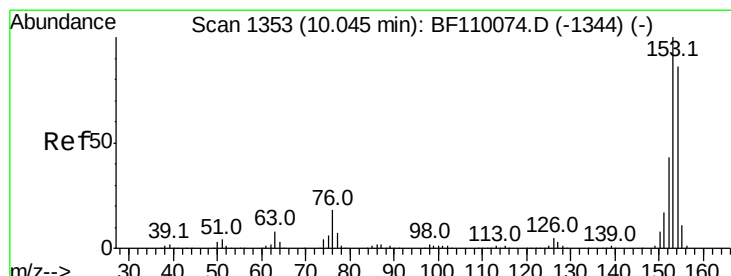
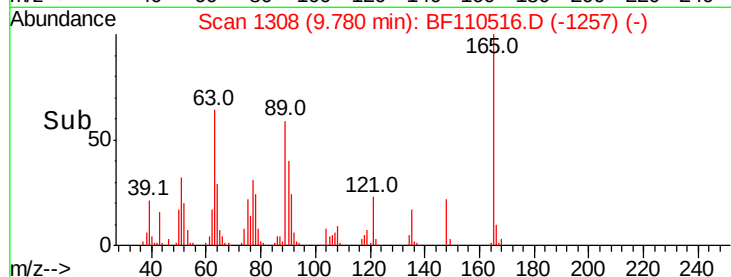
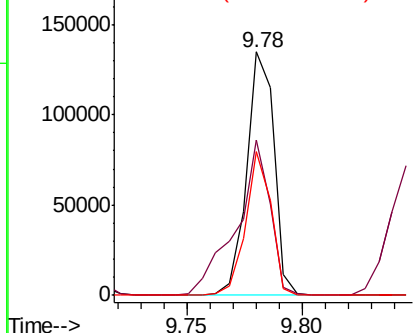
#51
2,6-Dinitrotoluene
Concen: 41.928 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 111923
Ion Ratio Lower Upper
165 100
63 63.9 48.9 73.3
89 59.3 46.6 69.8

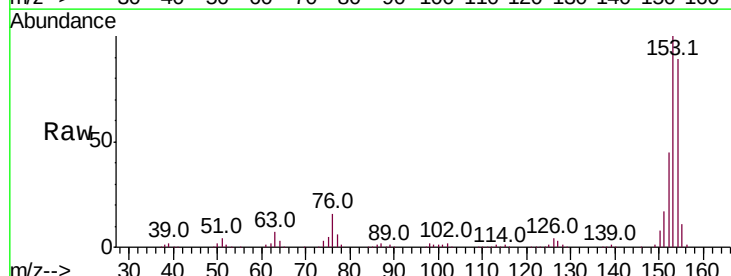


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

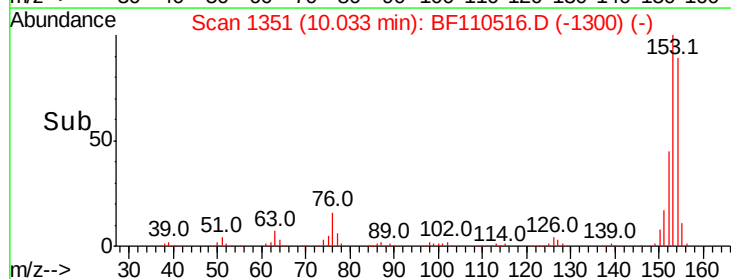
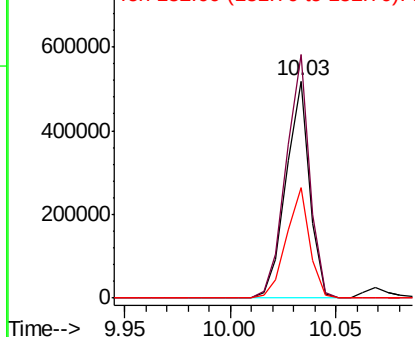


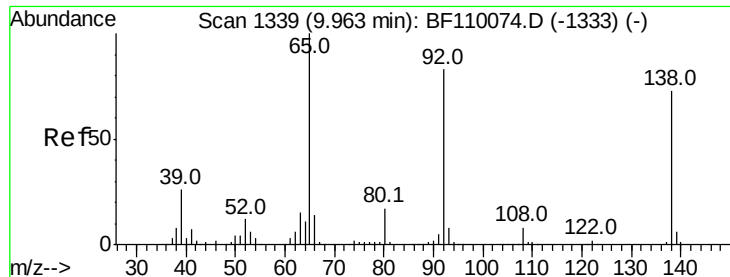
#52
Acenaphthene
Concen: 38.020 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Tgt Ion:154 Resp: 404553
Ion Ratio Lower Upper
154 100
153 112.2 90.1 135.1
152 50.9 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

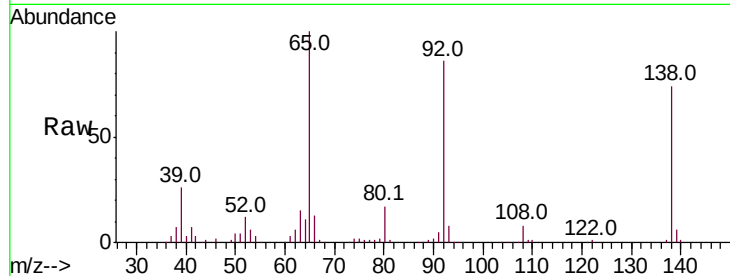




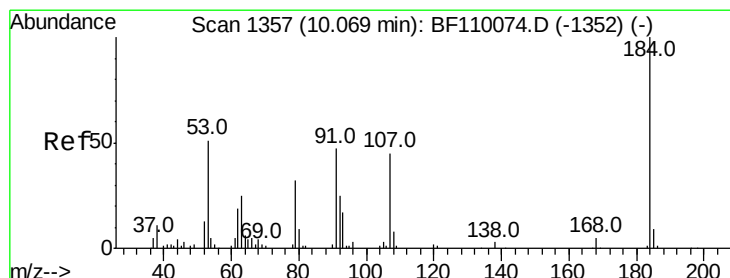
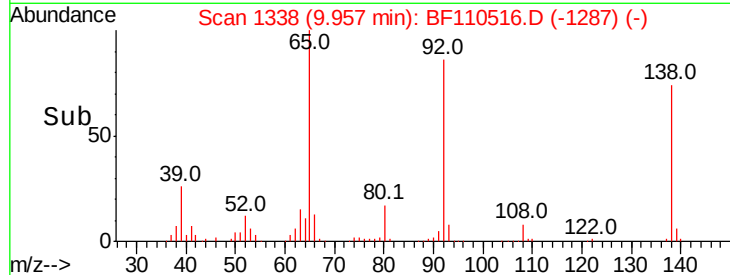
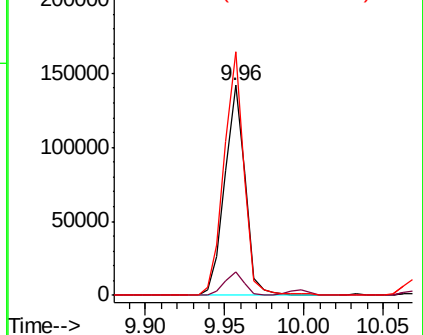
#53
3-Nitroaniline
Concen: 39.925 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 126740
Ion Ratio Lower Upper
138 100
108 10.9 8.7 13.1
92 115.9 97.0 145.4

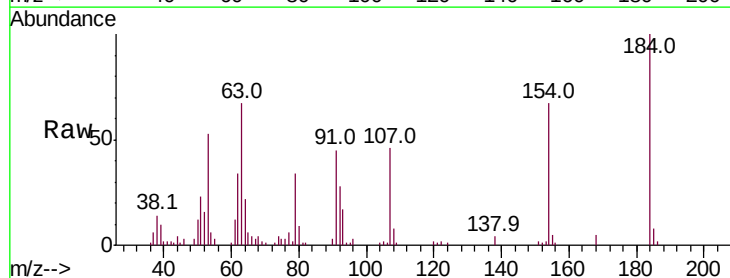


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

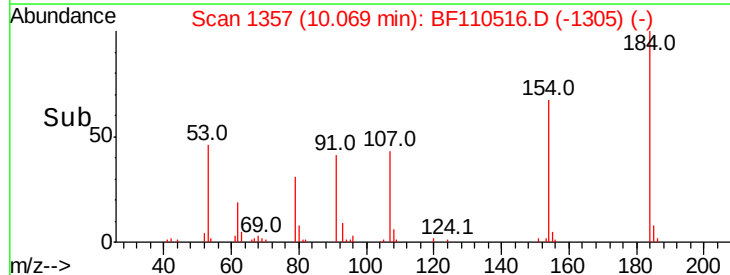
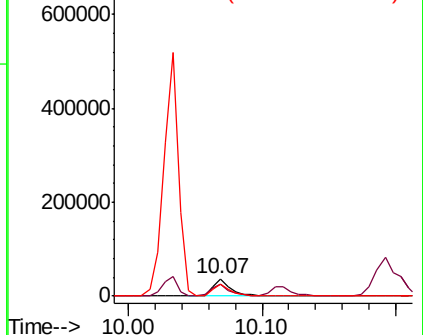


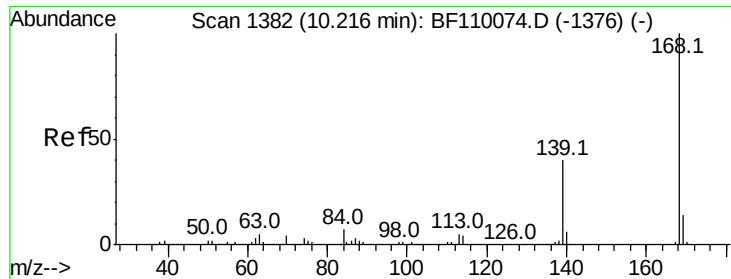
#54
2,4-Dinitrophenol
Concen: 37.971 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Tgt Ion:184 Resp: 37148
Ion Ratio Lower Upper
184 100
63 66.8 55.8 83.6
154 66.8 63.2 94.8



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

Dibenzenofuran

Concen: 40.020 ng

RT: 10.20 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

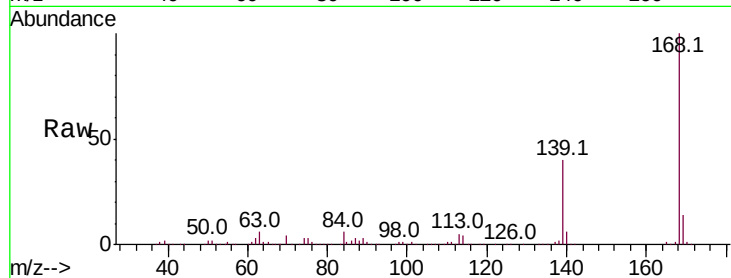
Tot Ion:168 Resp: 596217

Ion Ratio Lower Upper

168 100

139 39.6 33.0 49.6

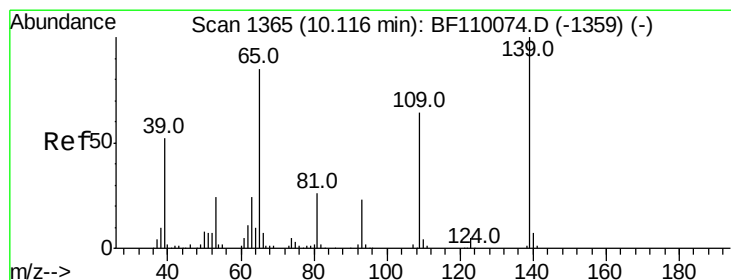
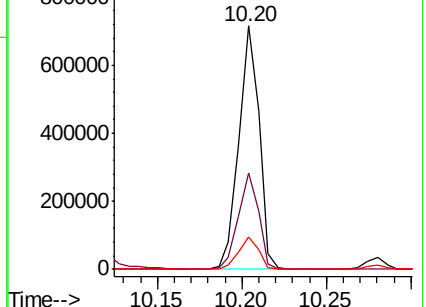
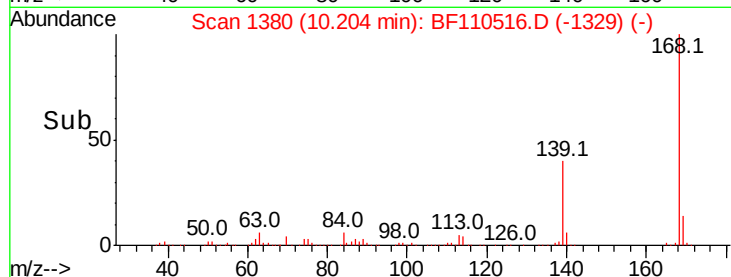
169 13.6 11.3 16.9



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: 36.194 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.01 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

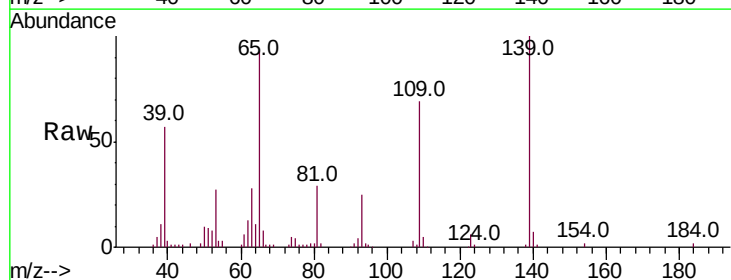
Tgt Ion:139 Resp: 85036

Ion Ratio Lower Upper

139 100

109 68.8 55.8 95.8

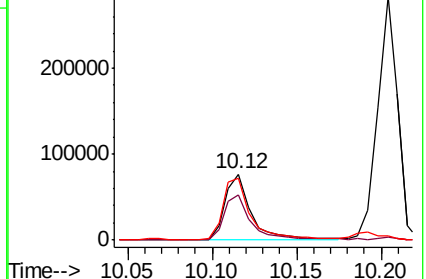
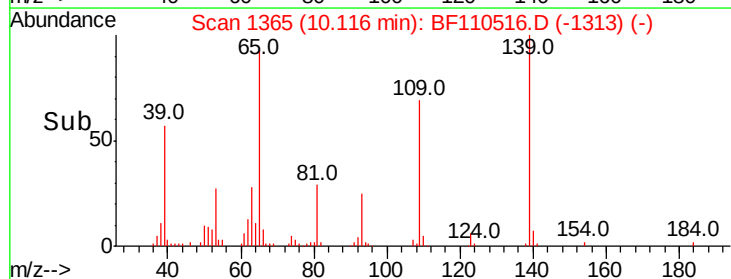
65 92.7 77.9 117.9

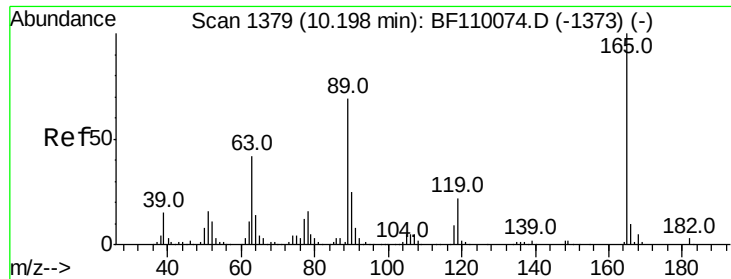


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

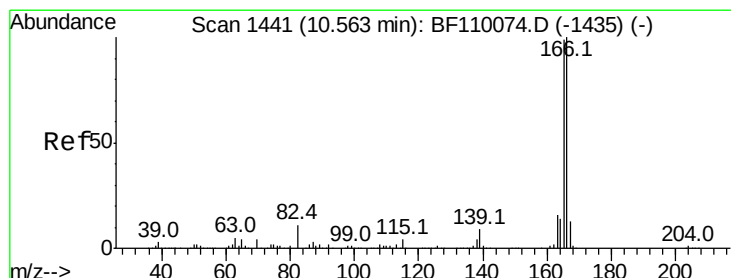
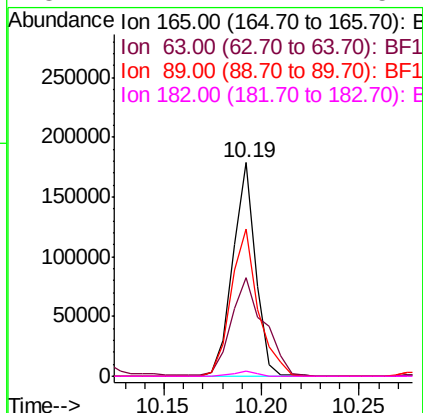
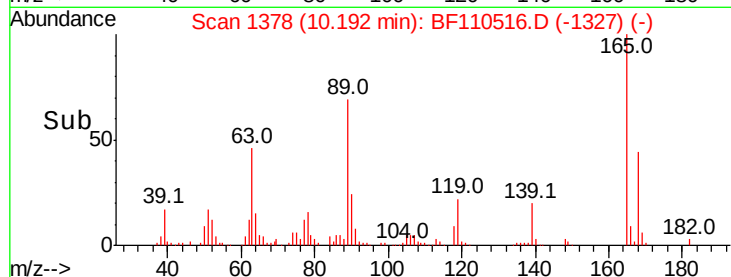
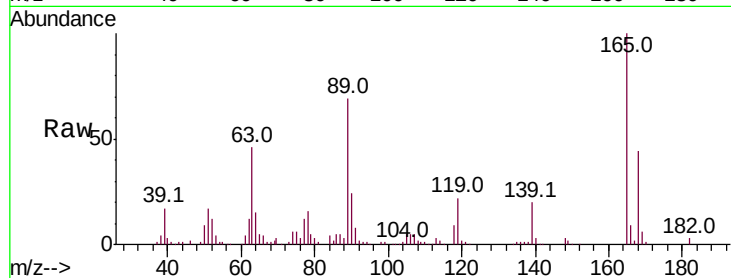




#57
2,4-Dinitrotoluene
Concen: 42.707 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

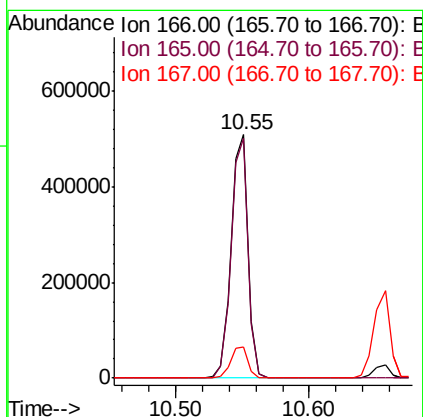
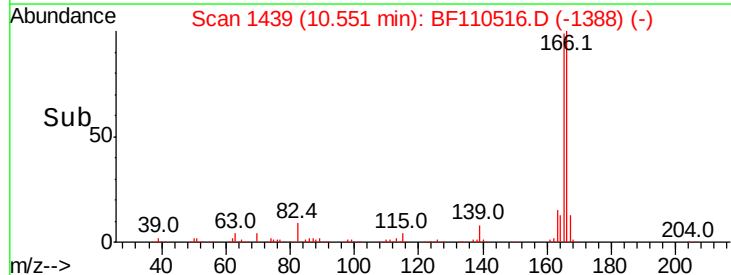
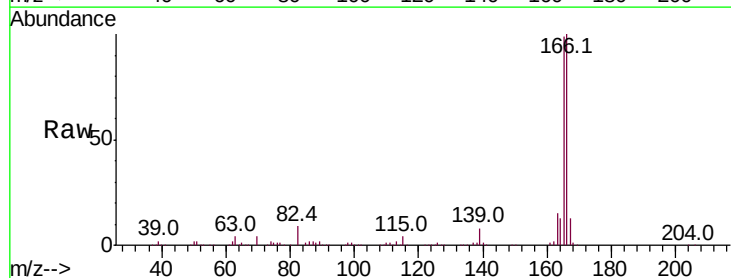
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

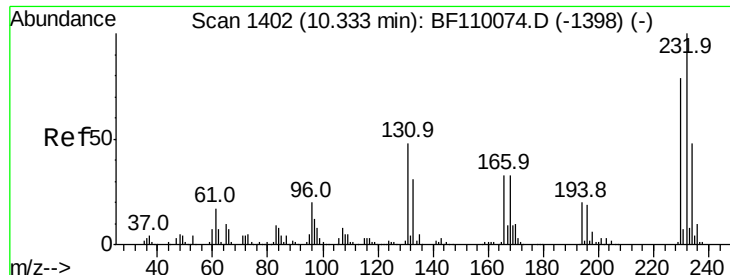
Tot Ion	Ratio	Lower	Upper
165	100		
63	46.1	44.8	67.2
89	69.1	62.2	93.4
182	2.7	2.1	3.1



#58
Fluorene
Concen: 41.135 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.6	117.8
167	12.9	10.8	16.2

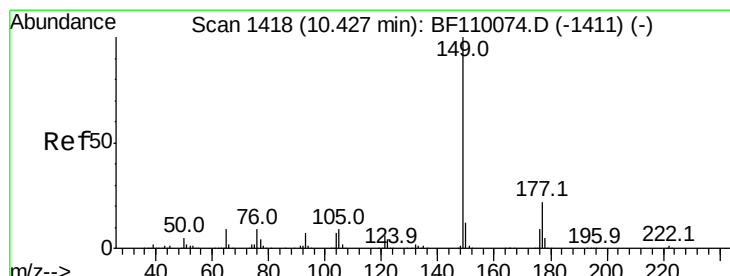
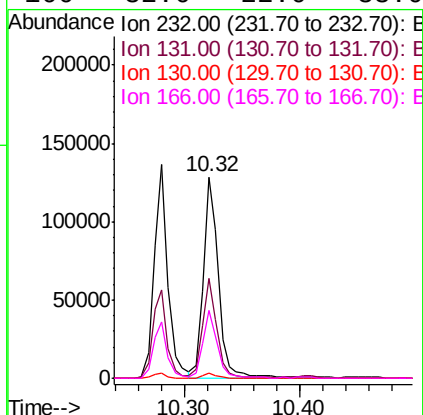
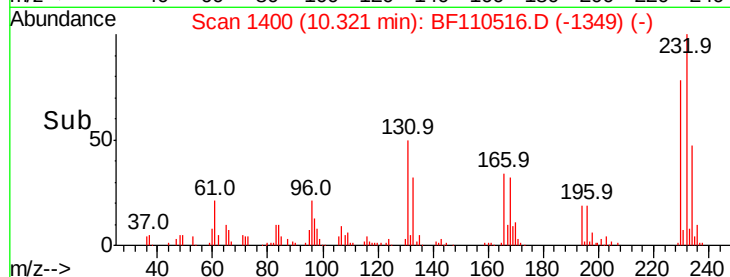
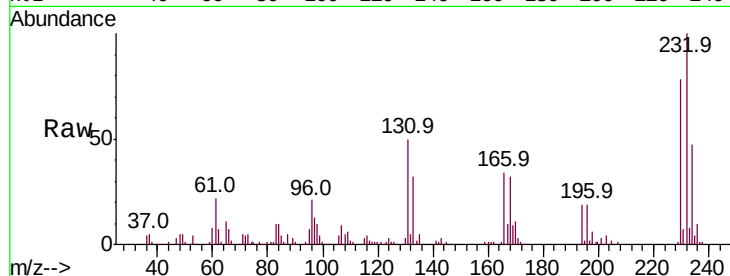




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.665 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BF110516.D
 Acq: 6 Nov 2018 15:45

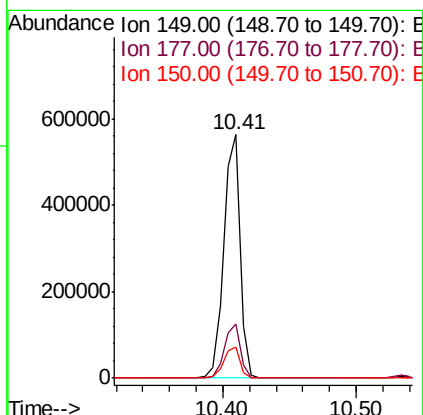
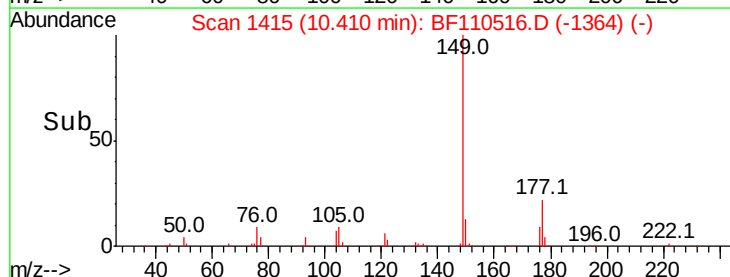
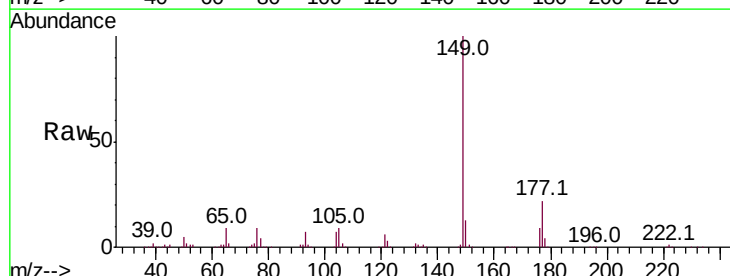
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

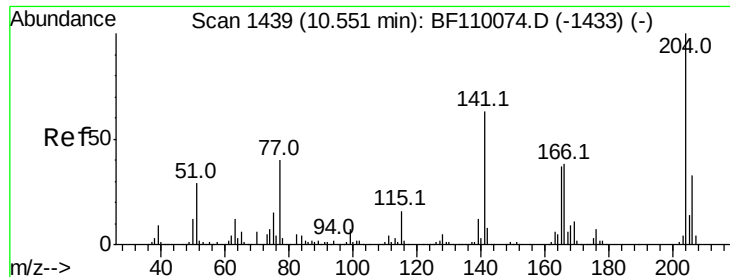
Tot Ion:232 Resp: 118205
 Ion Ratio Lower Upper
 232 100
 131 47.8 37.0 55.4
 130 2.5 1.8 2.6
 166 32.6 22.0 33.0



#60
 Diethylphthalate
 Concen: 40.226 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: BF110516.D
 Acq: 6 Nov 2018 15:45

Tgt Ion:149 Resp: 486622
 Ion Ratio Lower Upper
 149 100
 177 22.4 17.4 26.2
 150 12.6 9.8 14.8

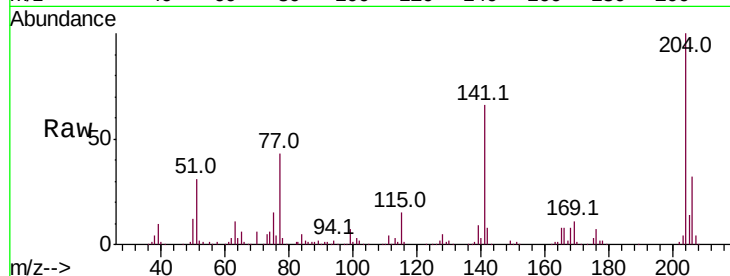




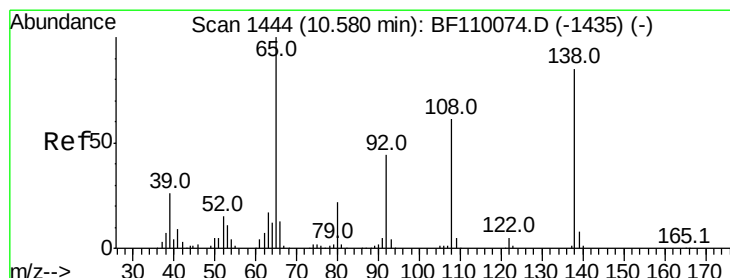
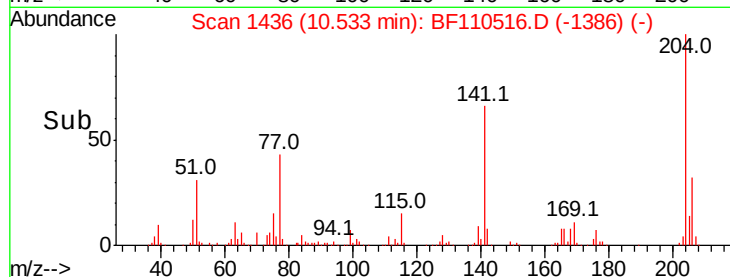
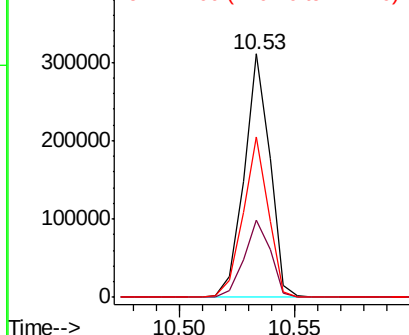
#61
4-Chlorophenyl-phenylether
Concen: 41.115 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 240485
Ion Ratio Lower Upper
204 100
206 31.5 26.5 39.7
141 65.7 51.8 77.8

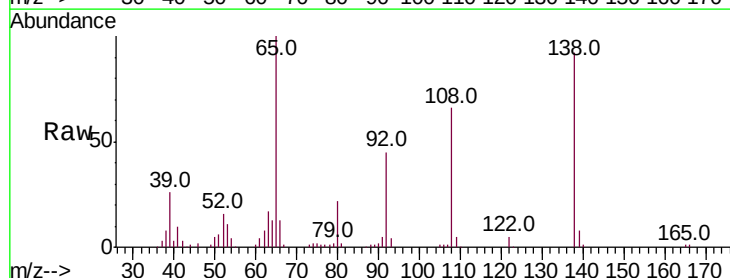


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

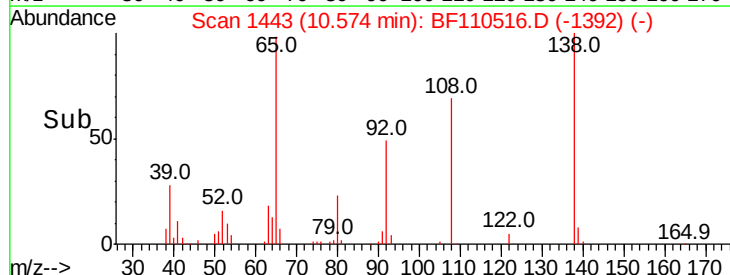
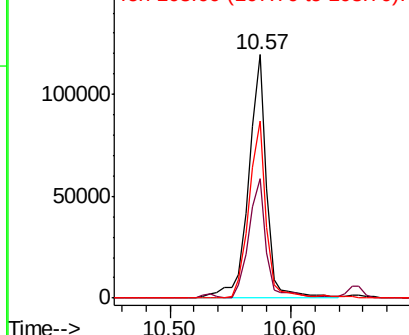


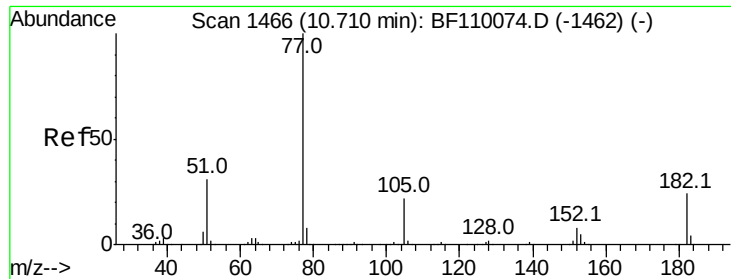
#62
4-Nitroaniline
Concen: 39.749 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Tgt Ion:138 Resp: 125501
Ion Ratio Lower Upper
138 100
92 48.8 31.7 71.7
108 72.5 59.3 99.3



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

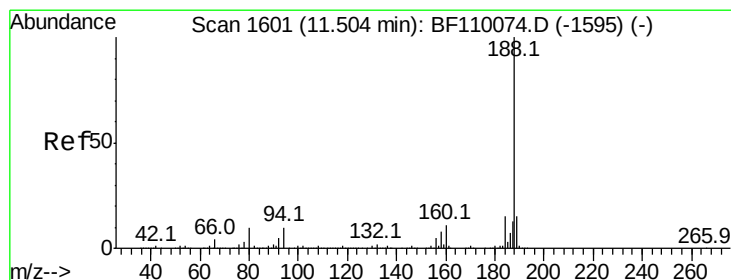
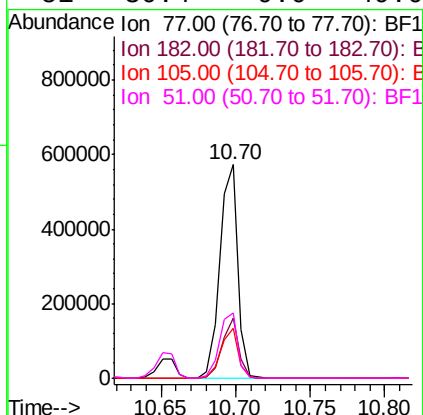
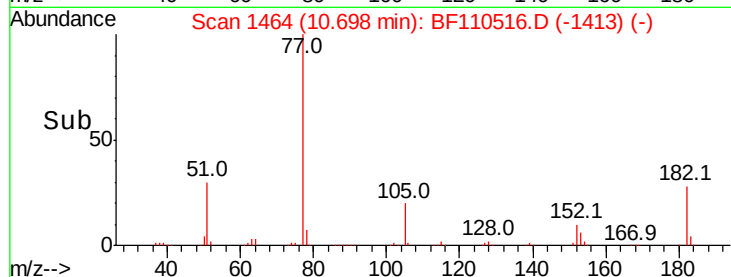
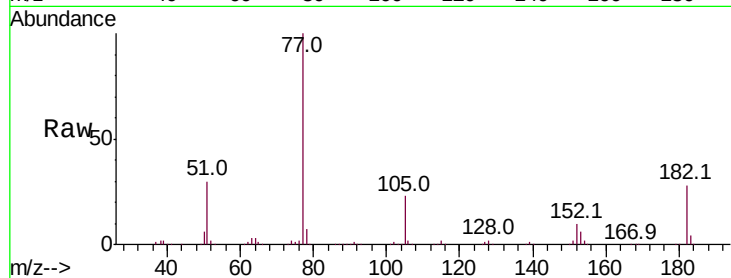




#63
Azobenzene
Concen: 40.380 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

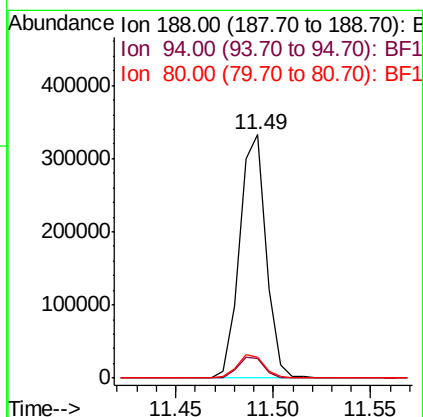
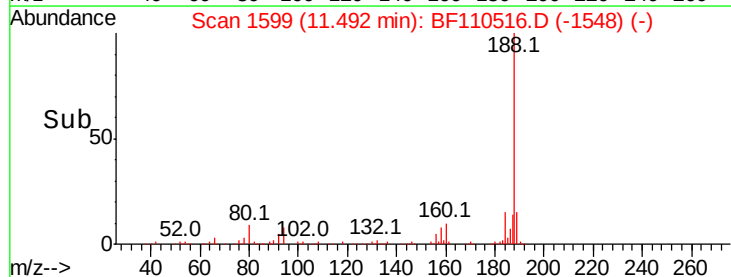
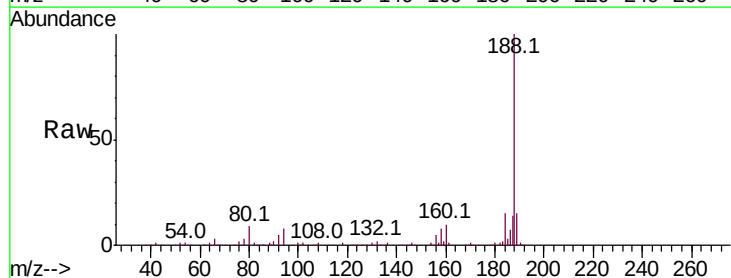
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

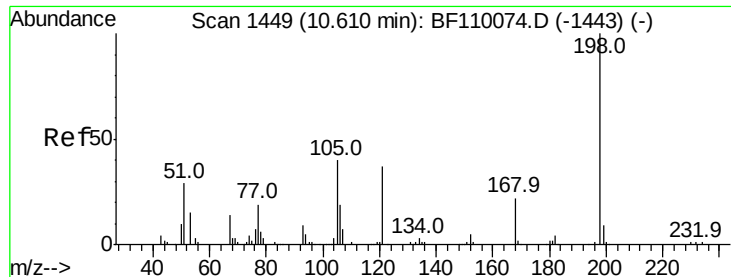
Tot Ion: 77 Resp: 484880
Ion Ratio Lower Upper
77 100
182 27.9 4.3 44.3
105 23.2 1.3 41.3
51 30.4 9.0 49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Tgt Ion: 188 Resp: 313573
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 8.8 7.9 11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 40.764 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

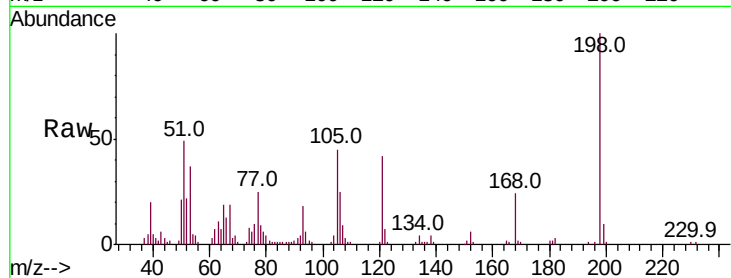
Tot Ion:198 Resp: 58399

Ion Ratio Lower Upper

198 100

51 48.5 22.8 62.8

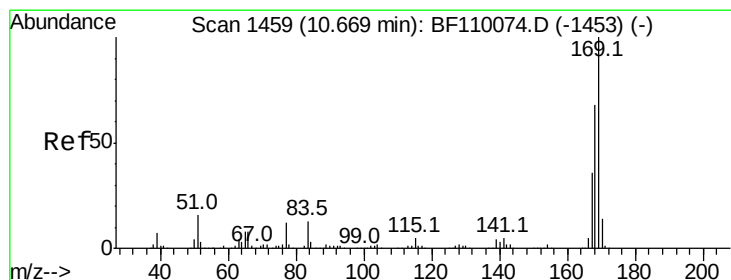
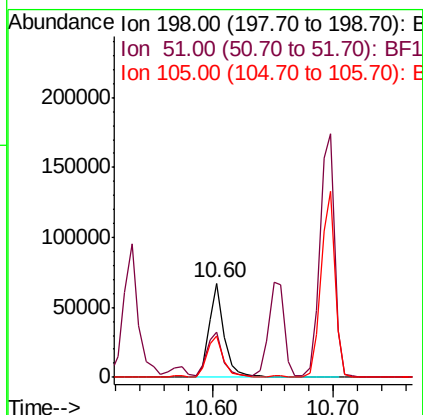
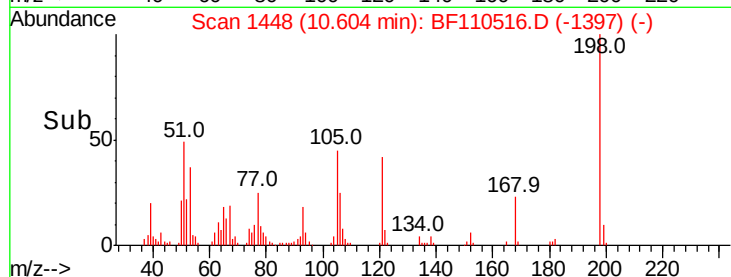
105 44.6 23.6 63.6



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: 41.543 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

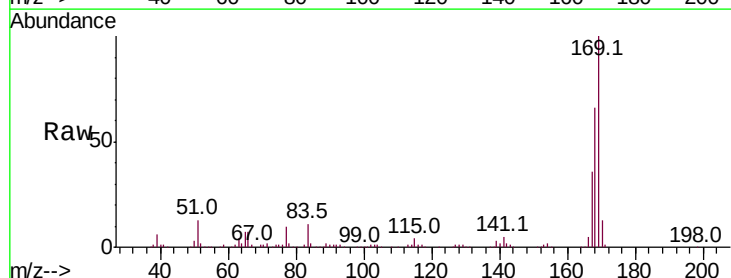
Tgt Ion:169 Resp: 427278

Ion Ratio Lower Upper

169 100

168 65.9 51.2 76.8

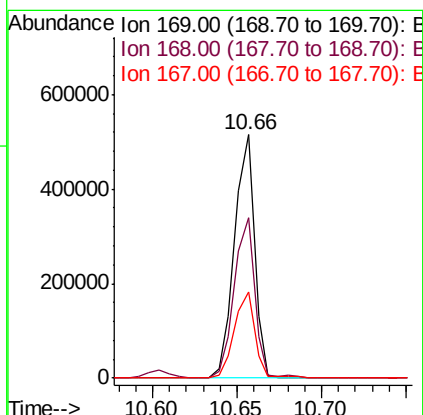
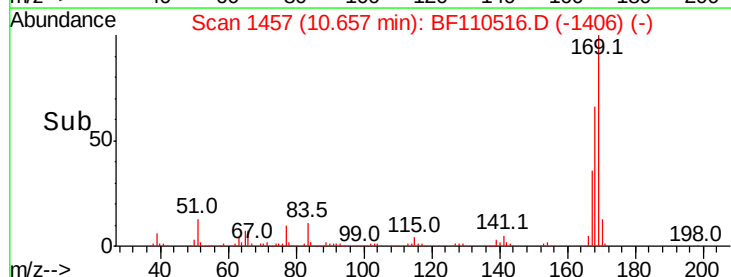
167 35.6 27.8 41.6

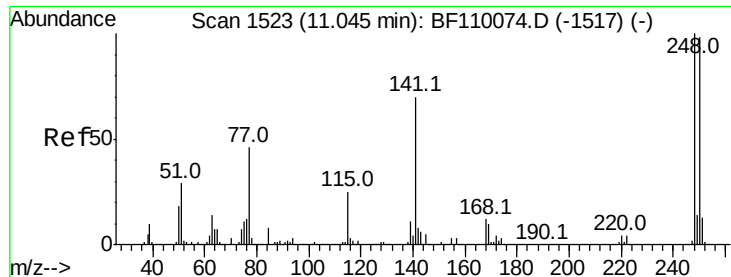


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

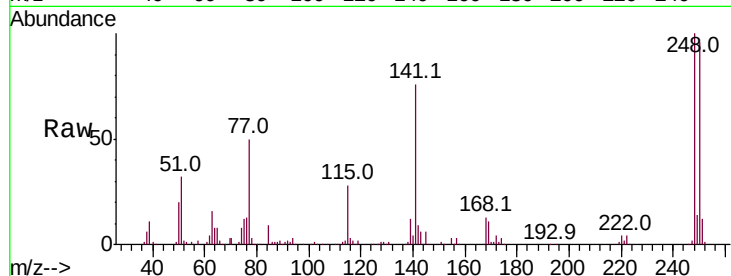




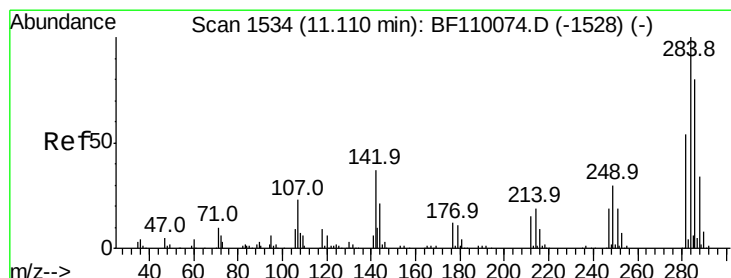
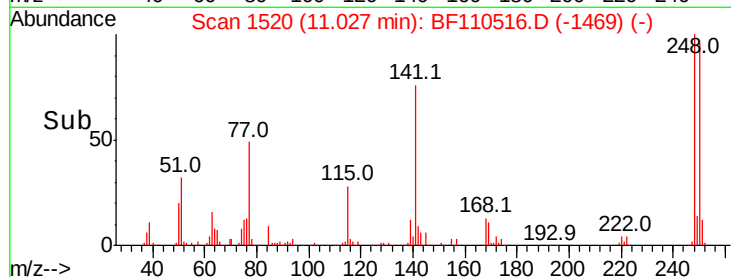
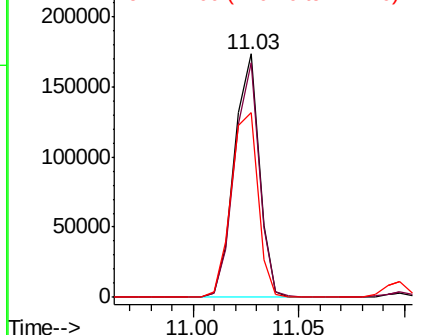
#67
4-Bromophenyl-phenylether
Concen: 41.518 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 141219
Ion Ratio Lower Upper
248 100
250 96.4 79.4 119.2
141 76.1 55.9 83.9

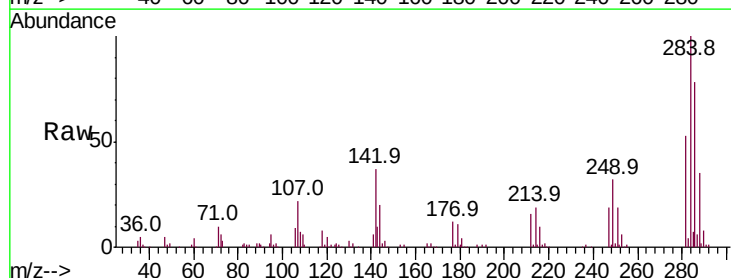


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

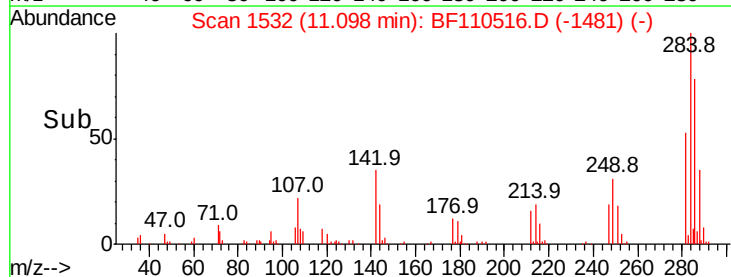
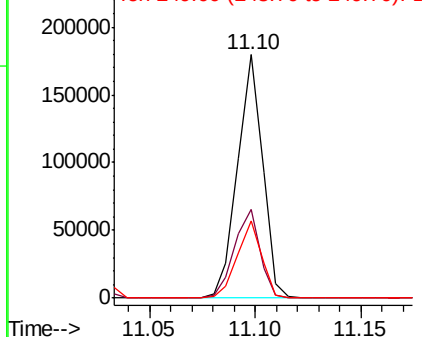


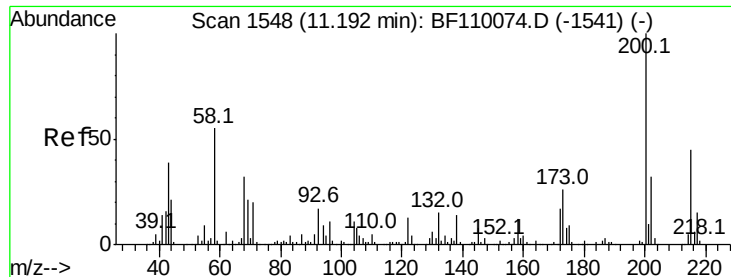
#68
Hexachlorobenzene
Concen: 40.870 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Tgt Ion:284 Resp: 147496
Ion Ratio Lower Upper
284 100
142 36.7 23.9 35.9#
249 32.0 24.2 36.2



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

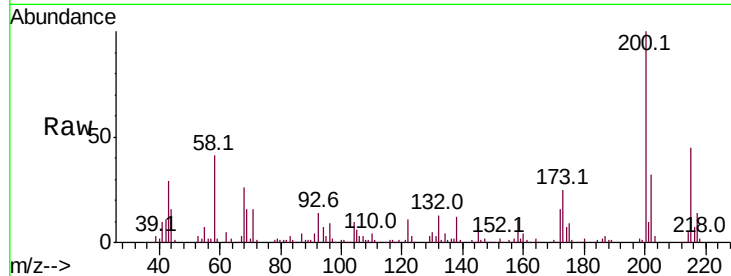




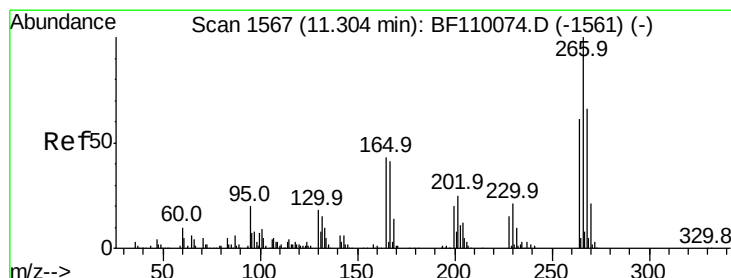
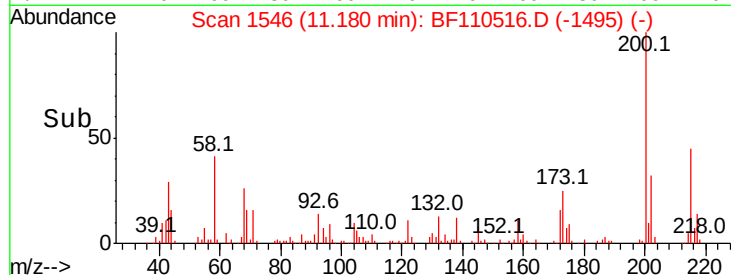
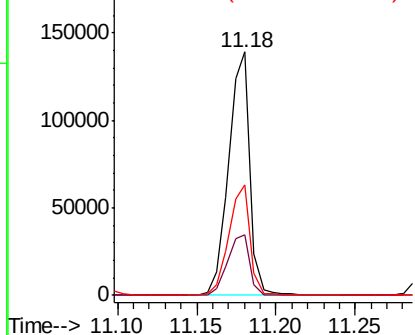
#69
Atrazine
Concen: 39.737 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:200 Resp: 129160
Ion Ratio Lower Upper
200 100
173 25.1 6.6 46.6
215 45.4 26.3 66.3

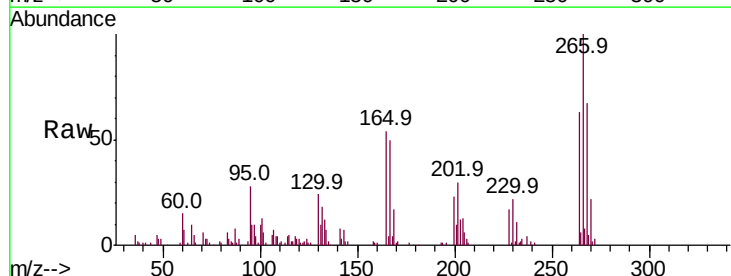


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

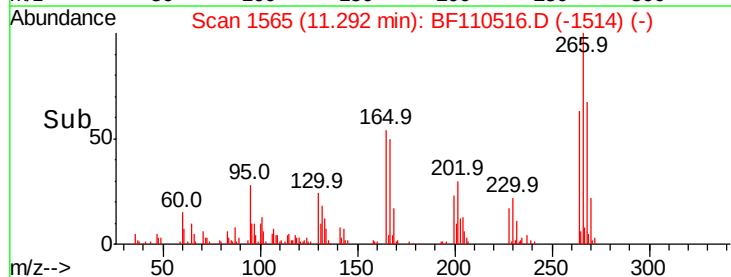
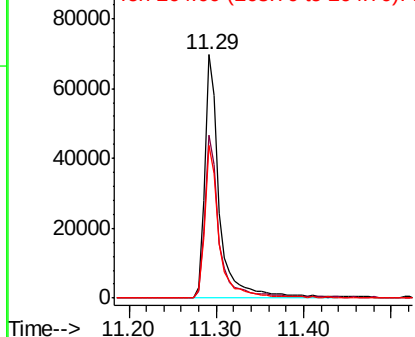


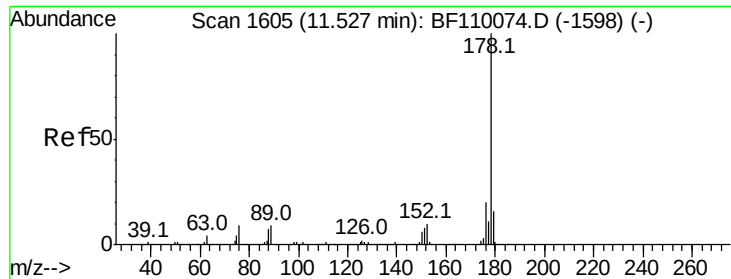
#70
Pentachlorophenol
Concen: 38.806 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Tgt Ion:266 Resp: 81664
Ion Ratio Lower Upper
266 100
268 67.1 50.6 75.8
264 62.6 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.612 ng

RT: 11.52 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

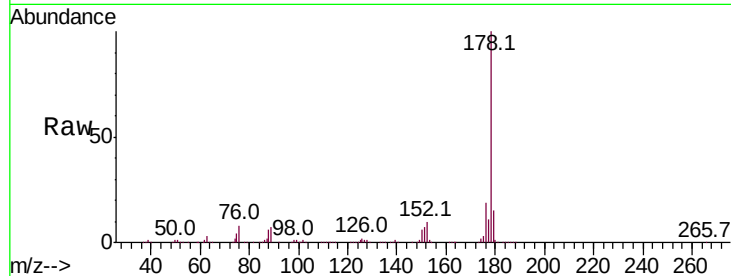
Tot Ion:178 Resp: 666340

Ion Ratio Lower Upper

178 100

176 18.6 15.5 23.3

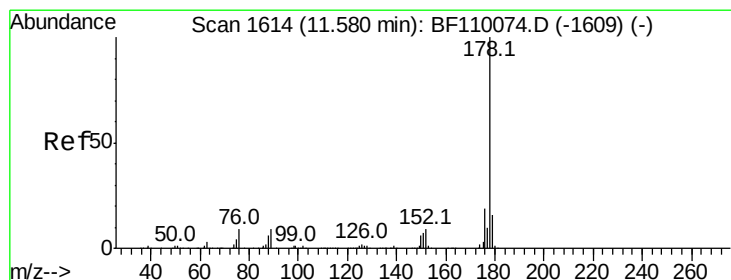
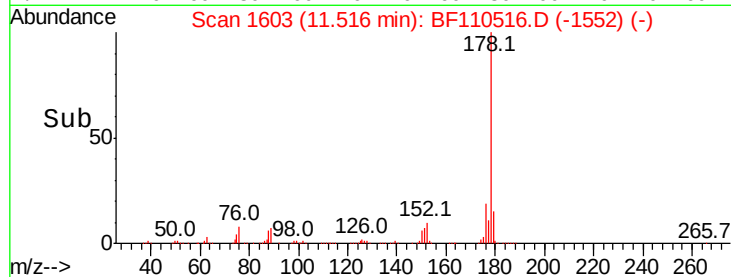
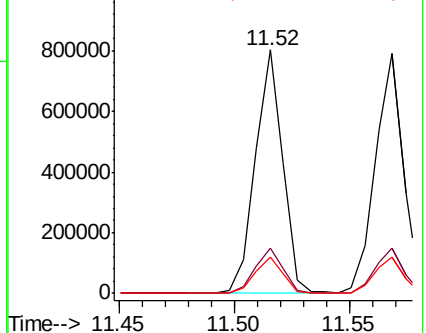
179 15.1 12.5 18.7



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: 41.035 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

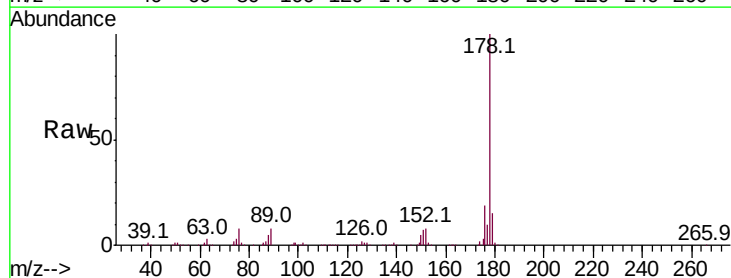
Tgt Ion:178 Resp: 674862

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

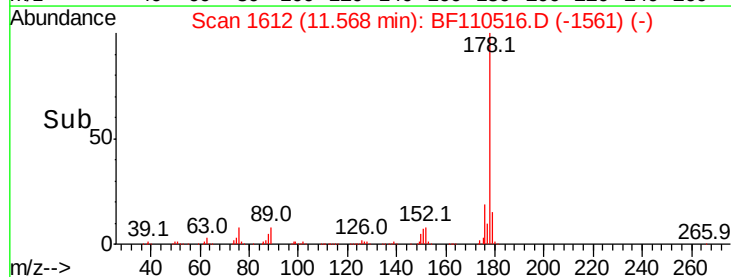
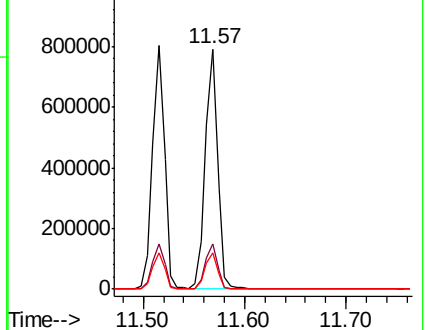
179 15.4 12.6 18.8

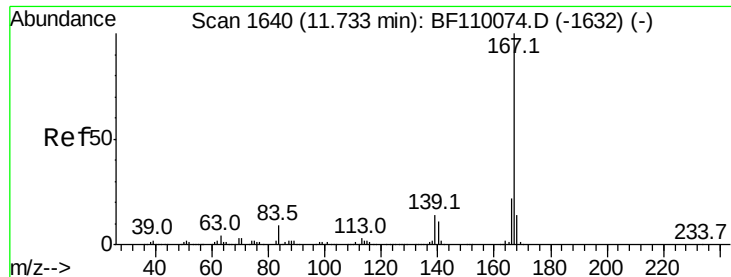


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

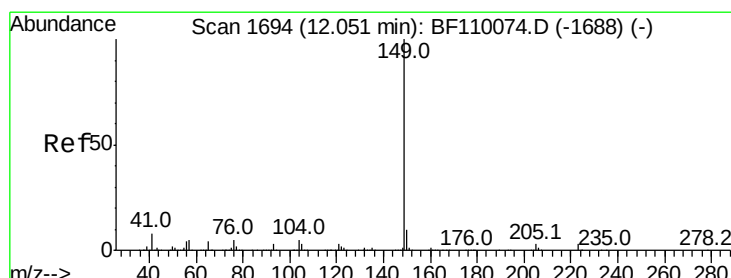
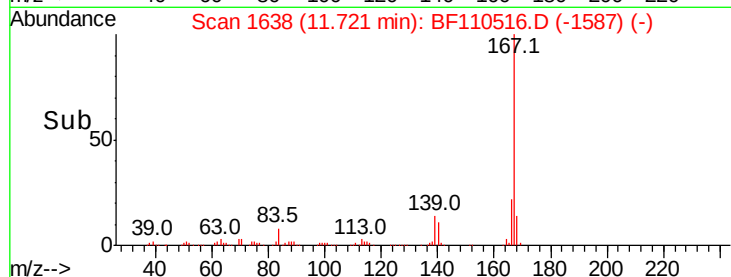
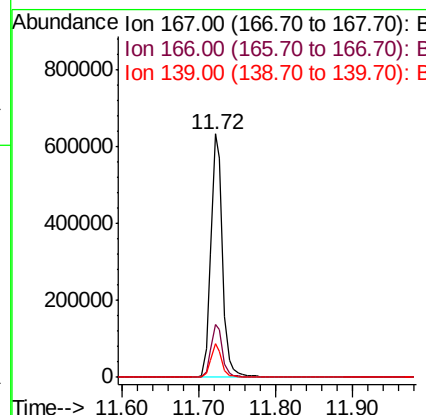
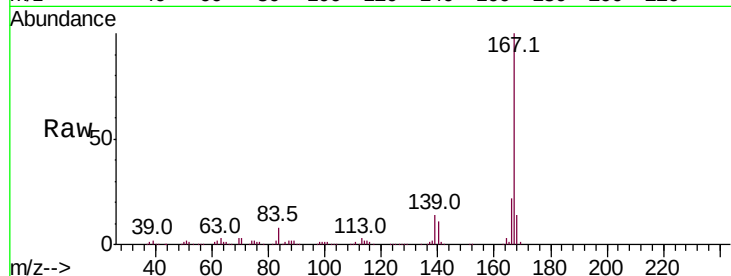




#73
 Carbazole
 Concen: 41.188 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: BF110516.D
 Acq: 6 Nov 2018 15:45

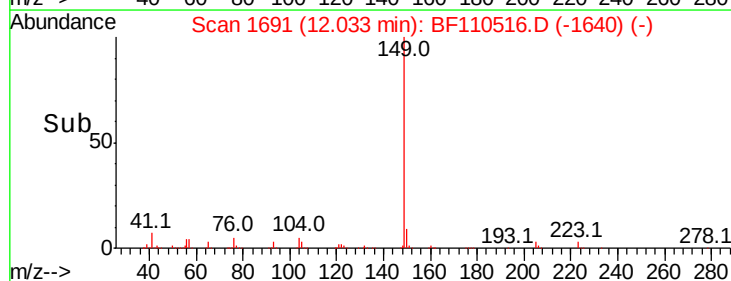
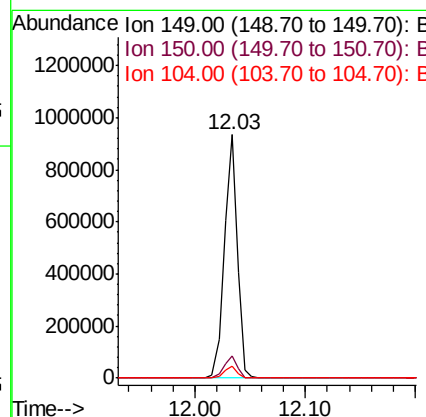
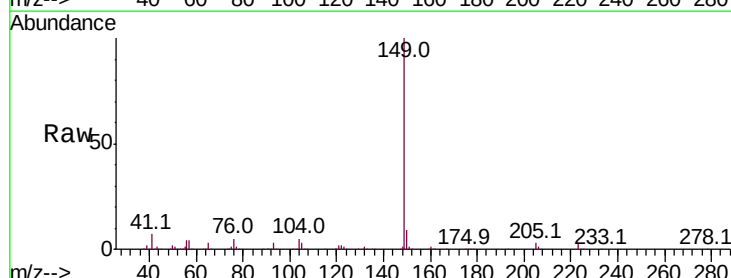
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

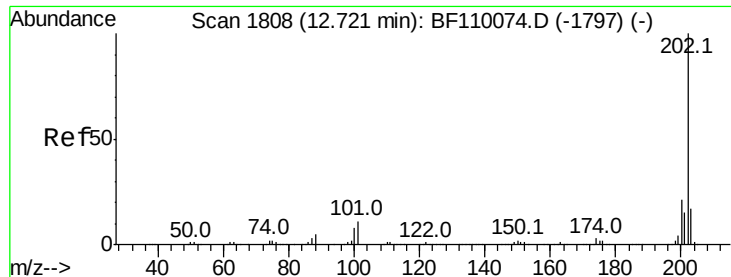
Tot Ion:167 Resp: 661388
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.7 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 41.896 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BF110516.D
 Acq: 6 Nov 2018 15:45

Tgt Ion:149 Resp: 759817
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 4.9 4.2 6.4

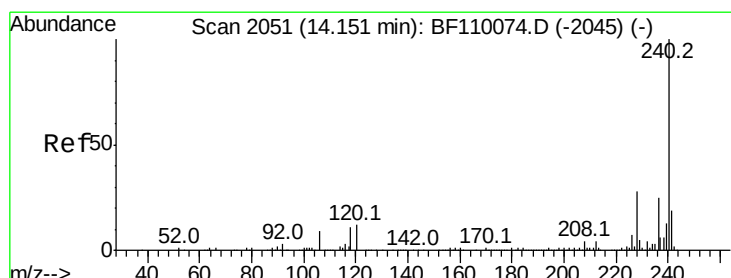
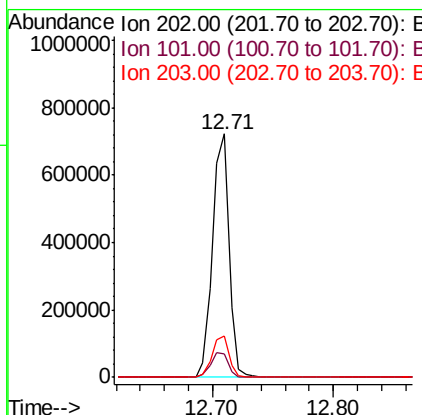
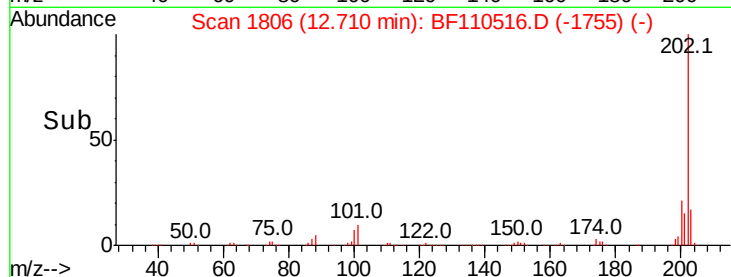
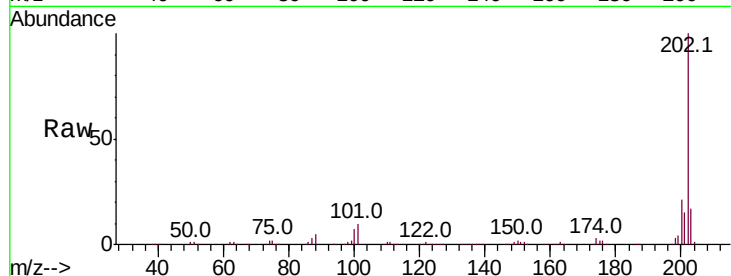




#75
 Fluoranthene
 Concen: 40.739 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BF110516.D
 Acq: 6 Nov 2018 15:45

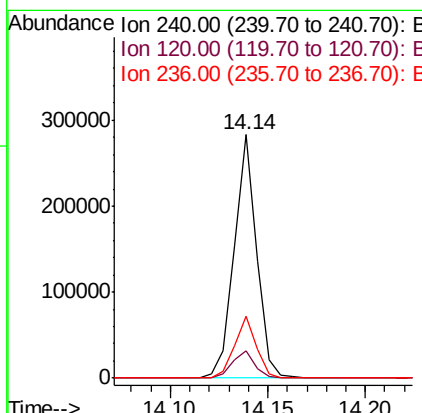
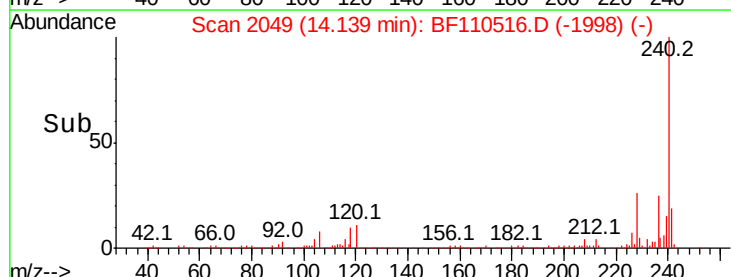
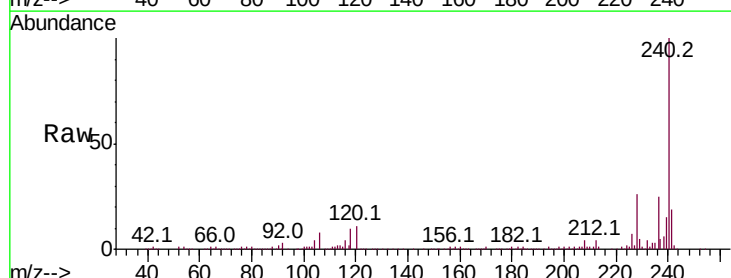
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

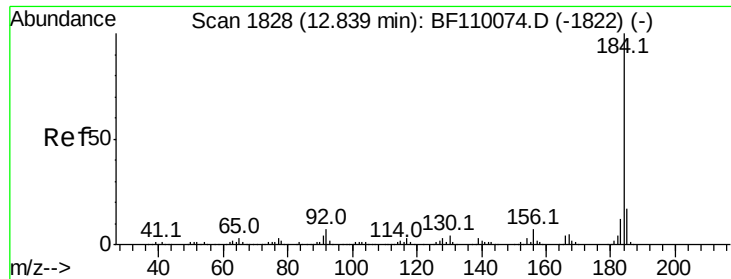
Tot Ion:202 Resp: 678379
 Ion Ratio Lower Upper
 202 100
 101 9.8 0.0 31.4
 203 16.8 0.0 37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: BF110516.D
 Acq: 6 Nov 2018 15:45

Tgt Ion:240 Resp: 224787
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.3 12.5
 236 25.3 21.2 31.8





#77

Benzidine

Concen: 56.110 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

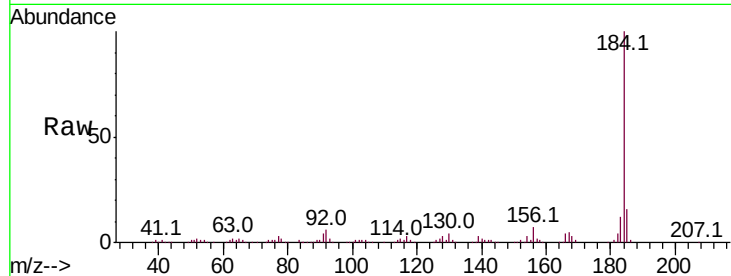
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 311348

Ion	Ratio	Lower	Upper
184	100		
185	15.5	13.4	20.2
183	11.9	9.4	14.2

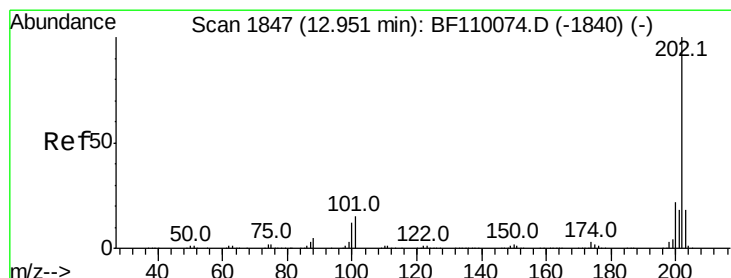
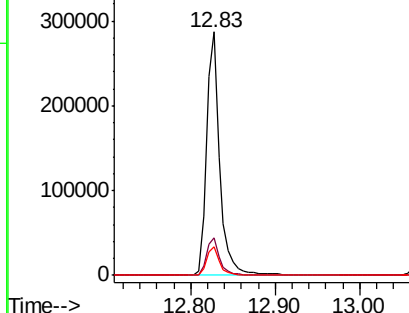
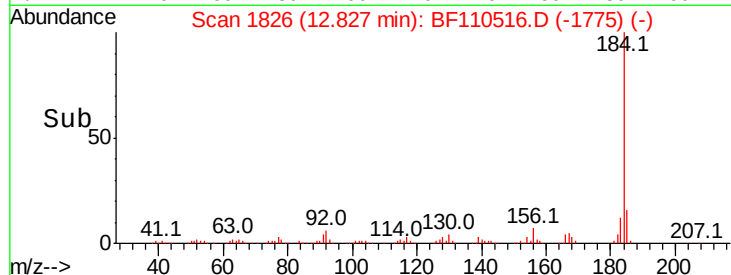


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.787 ng

RT: 12.94 min Scan# 1845

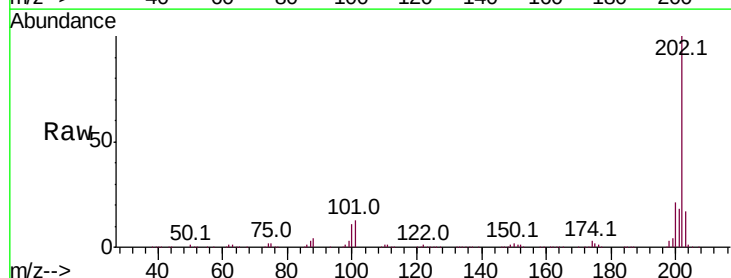
Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Tgt Ion:202 Resp: 689522

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.8	26.6
203	17.4	14.2	21.4

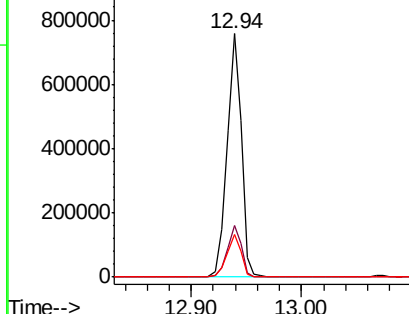
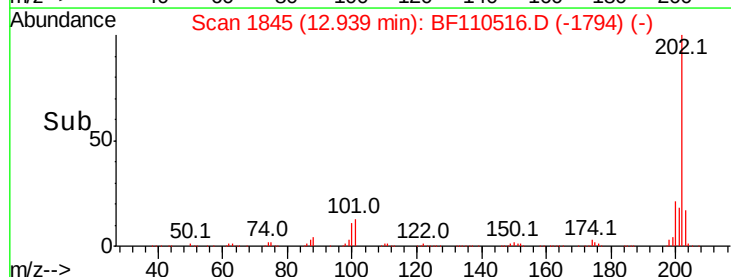


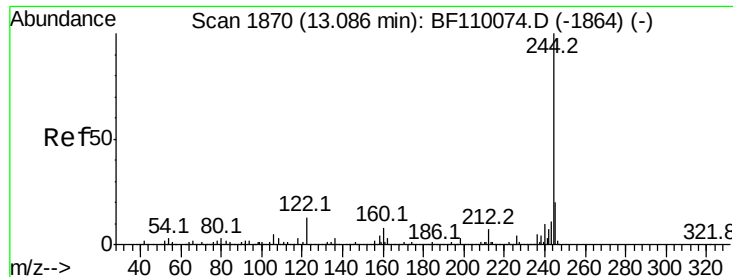
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.431 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

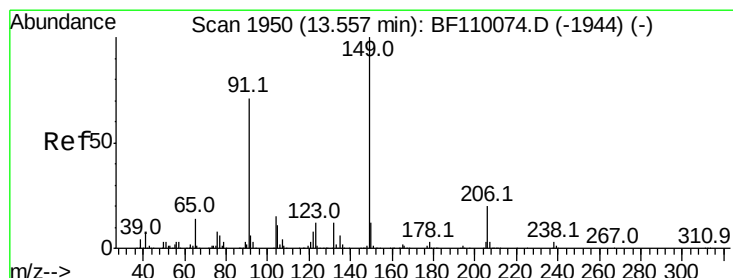
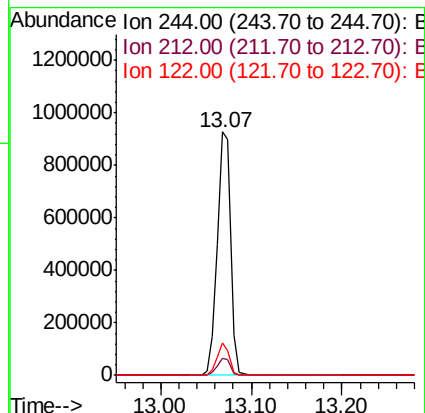
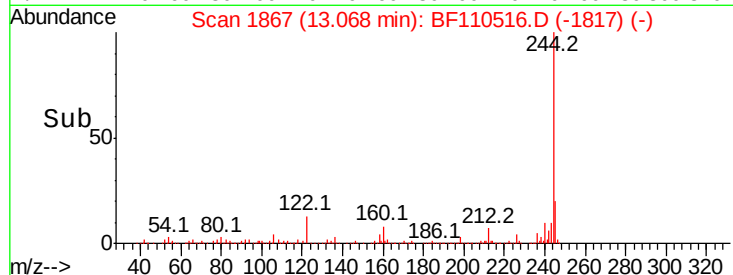
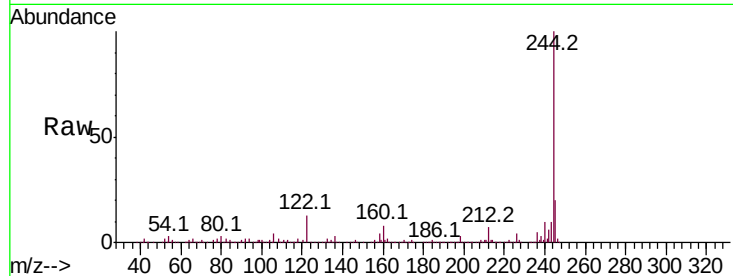
Tot Ion:244 Resp: 945008

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 13.4 8.7 13.1#



#80

Butylbenzylphthalate

Concen: 43.275 ng

RT: 13.53 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

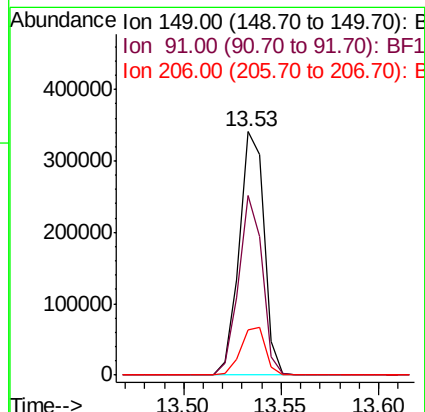
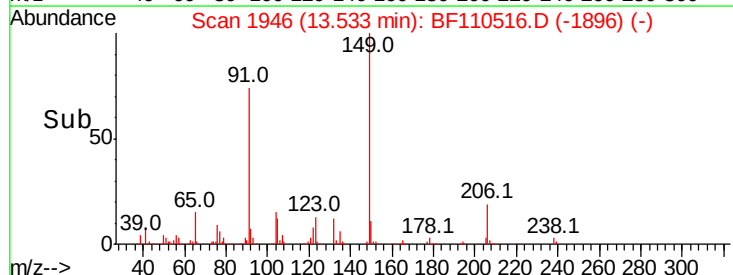
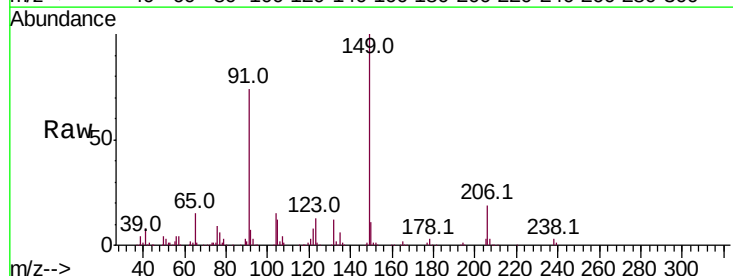
Tgt Ion:149 Resp: 302699

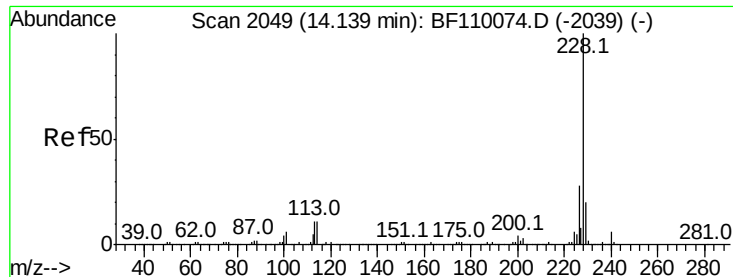
Ion Ratio Lower Upper

149 100

91 73.8 57.2 85.8

206 18.8 15.7 23.5





#81

Benzo(a)anthracene

Concen: 39.703 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

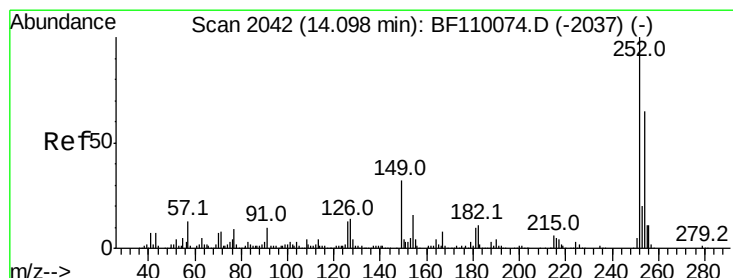
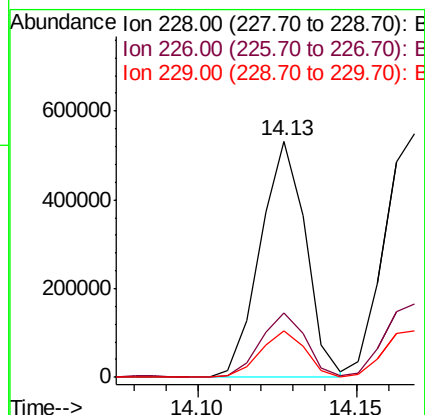
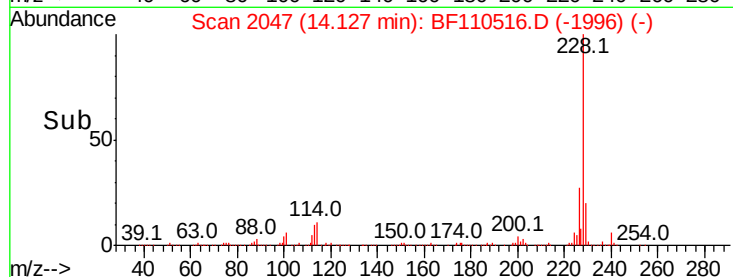
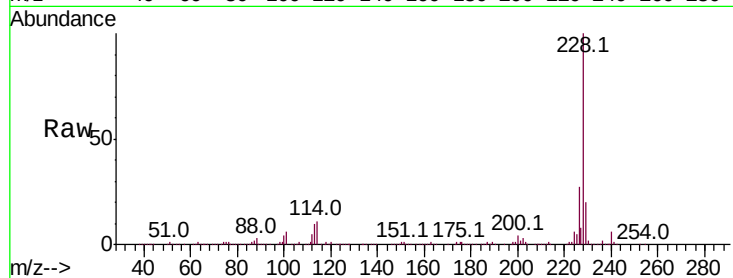
Tot Ion:228 Resp: 529251

Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

229 19.6 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 38.018 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

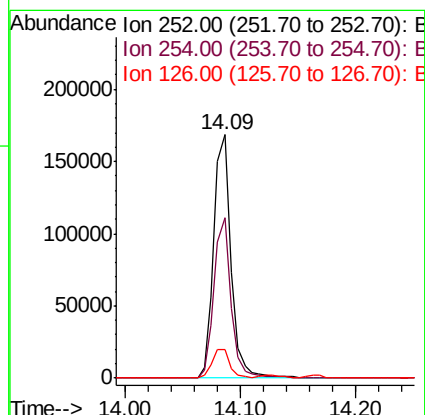
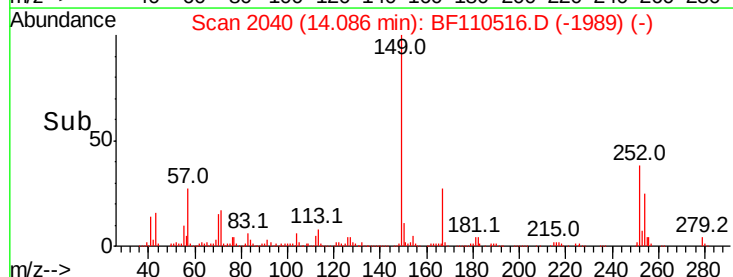
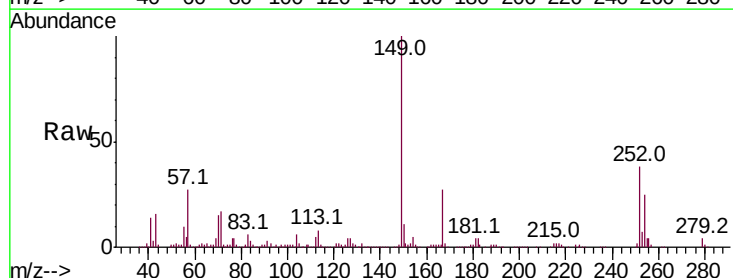
Tgt Ion:252 Resp: 176476

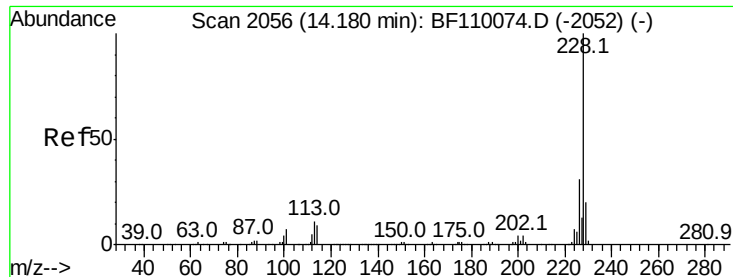
Ion Ratio Lower Upper

252 100

254 65.7 51.3 76.9

126 11.5 9.4 14.2





#83

Chrysene

Concen: 40.395 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

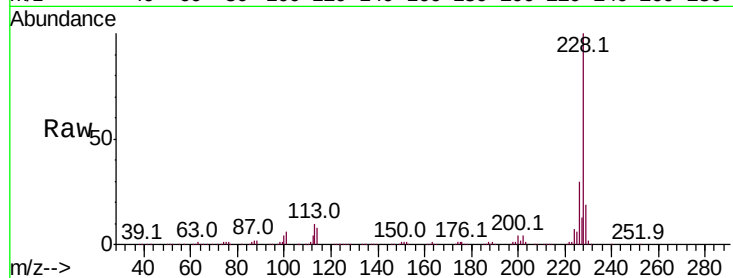
Tot Ion:228 Resp: 511454

Ion Ratio Lower Upper

228 100

226 30.0 24.7 37.1

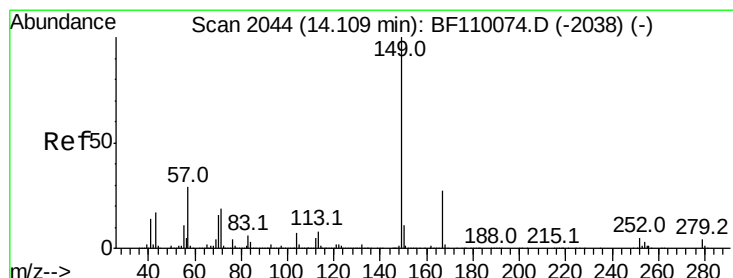
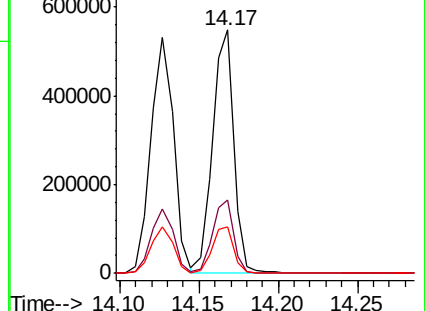
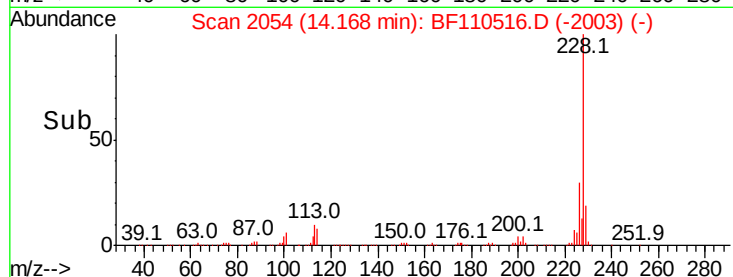
229 19.1 15.9 23.9



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: 40.317 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF110516.D

Acq: 6 Nov 2018 15:45

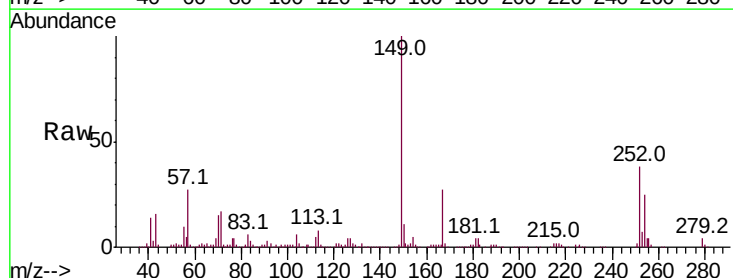
Tgt Ion:149 Resp: 381214

Ion Ratio Lower Upper

149 100

167 27.3 19.8 29.8

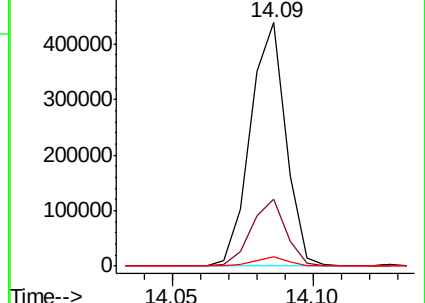
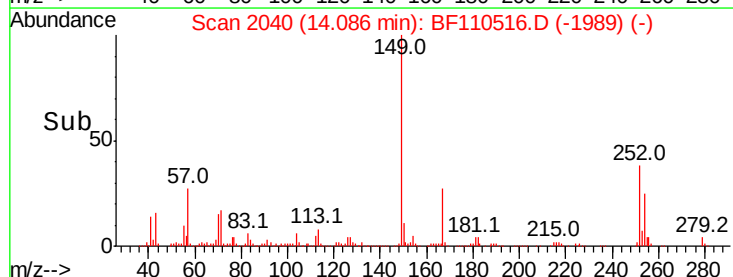
279 3.8 2.7 4.1

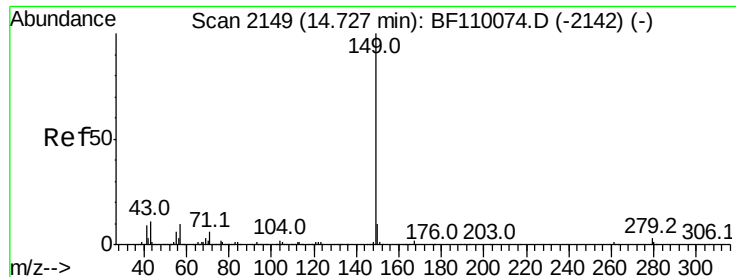


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

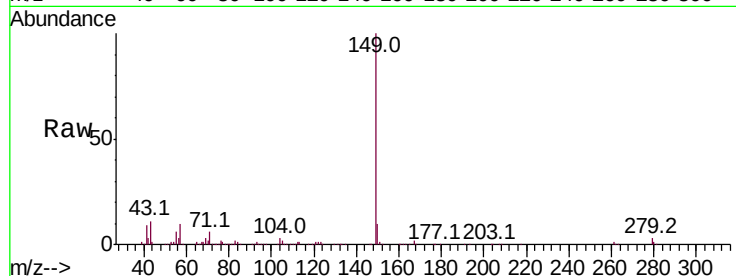




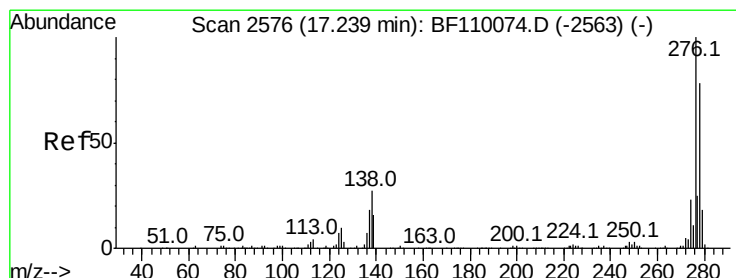
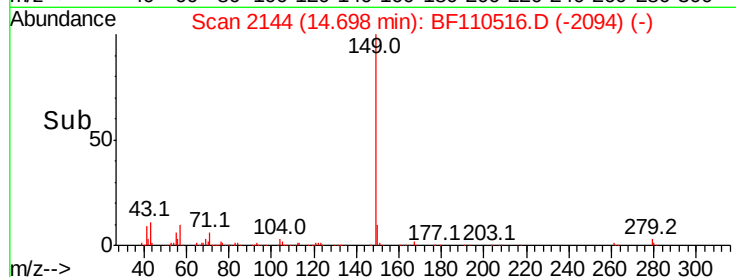
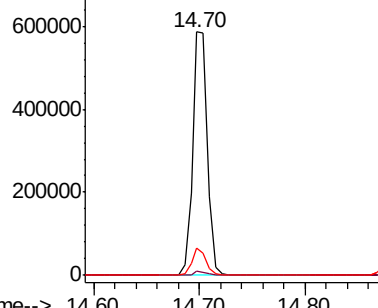
#85
Di-n-octyl phthalate
Concen: 38.872 ng
RT: 14.70 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 571518
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.2 7.8 11.8

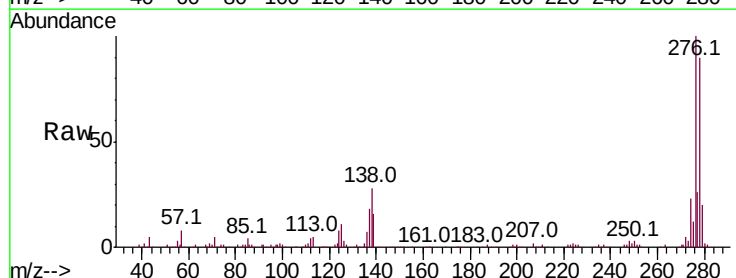


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

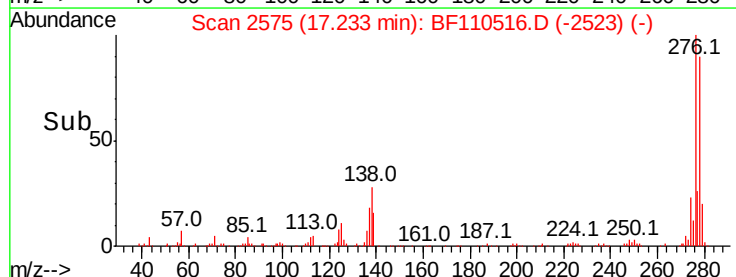
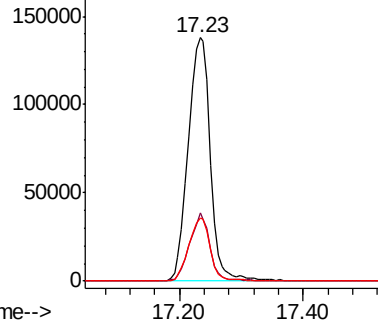


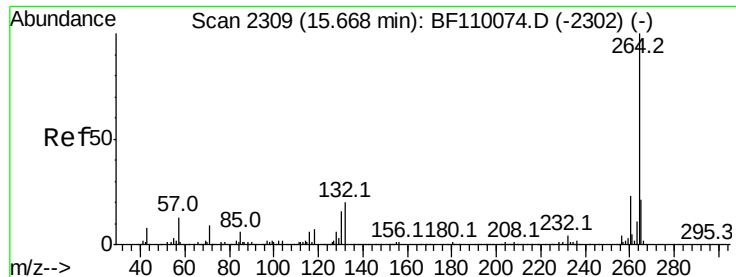
#86
Indeno(1,2,3-cd)pyrene
Concen: 32.766 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Tgt Ion:276 Resp: 344163
Ion Ratio Lower Upper
276 100
138 25.7 18.5 27.7
277 24.9 20.0 30.0



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



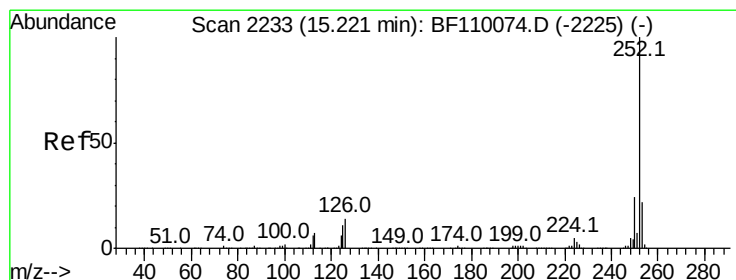
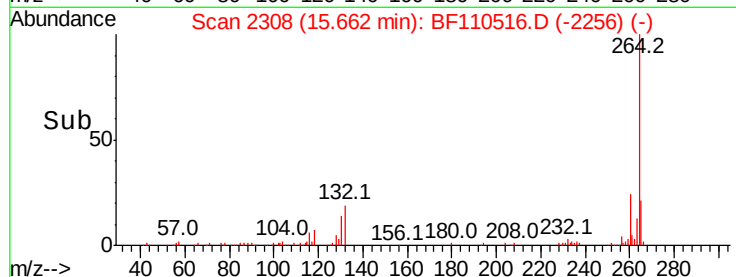
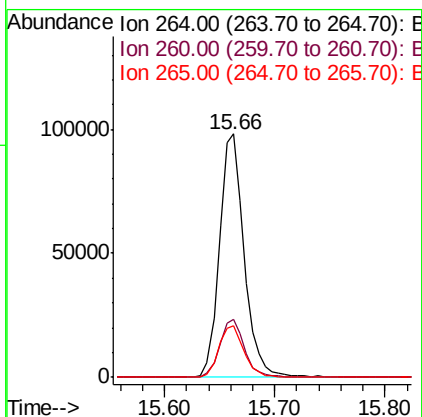
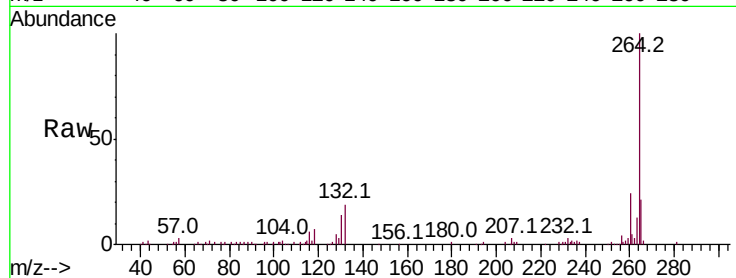


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 152854

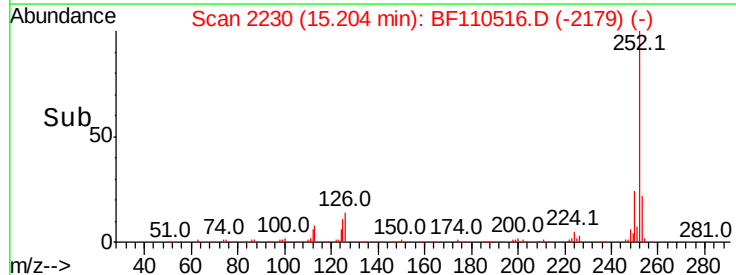
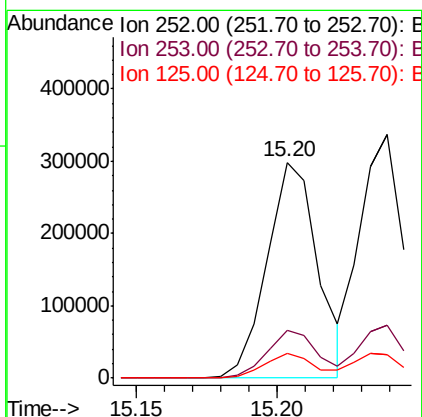
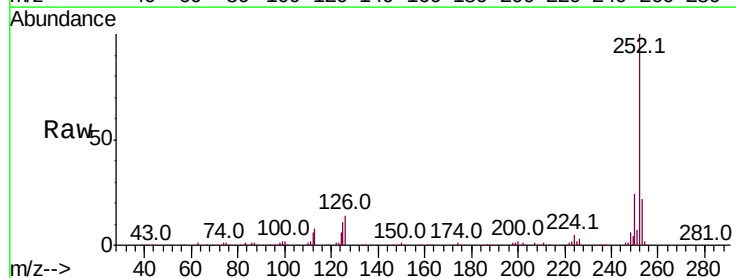
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.2	16.7	25.1

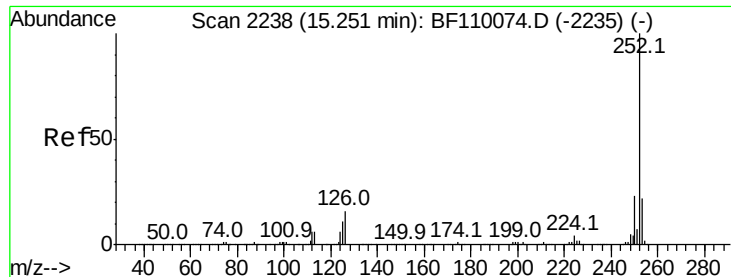


#88
Benzo(b)fluoranthene
Concen: 42.356 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Tgt Ion:252 Resp: 373868

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	11.5	8.2	12.4

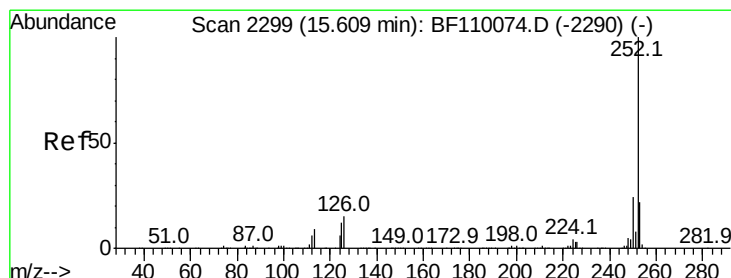
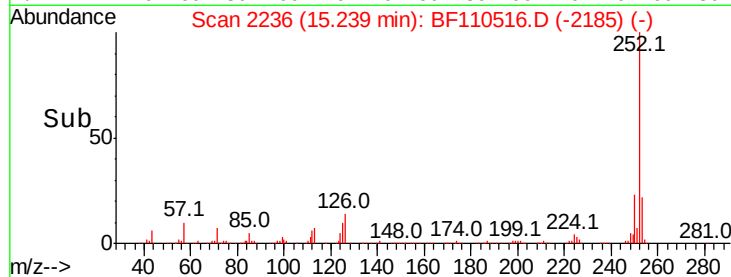
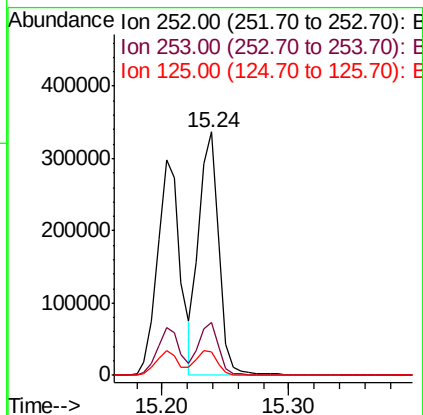
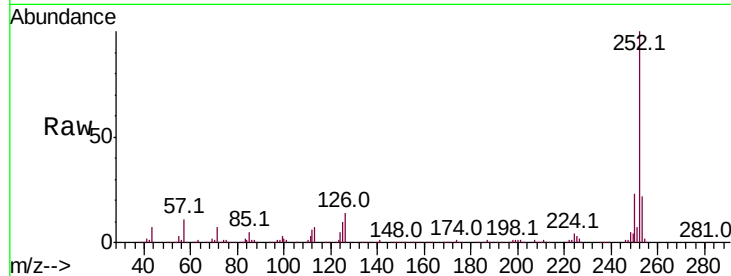




#89
Benzo(k)fluoranthene
Concen: 42.464 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

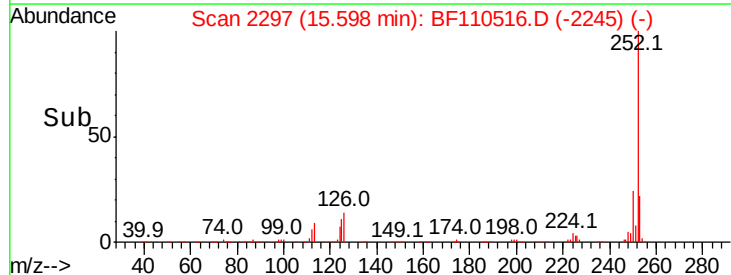
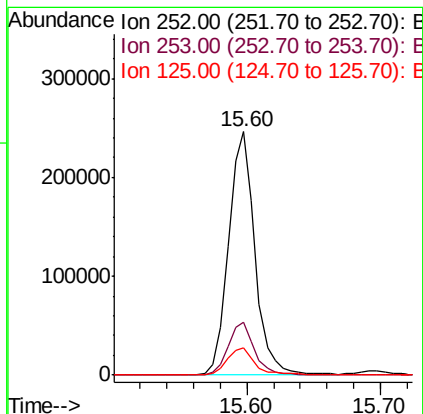
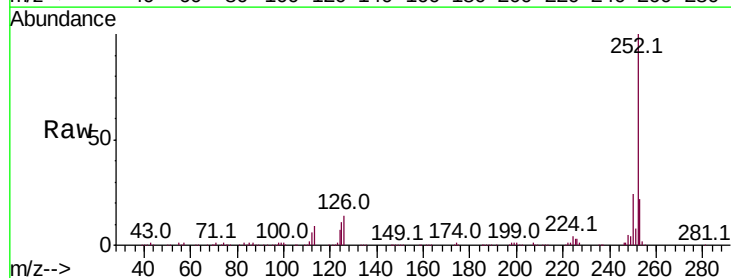
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

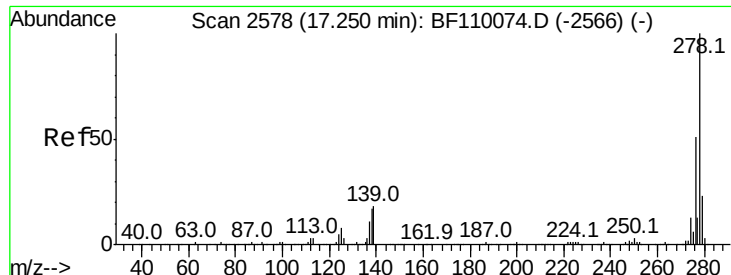
Tot Ion:252 Resp: 368489
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 9.7 7.4 11.0



#90
Benzo(a)pyrene
Concen: 41.925 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Tgt Ion:252 Resp: 340520
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 11.1 9.0 13.6

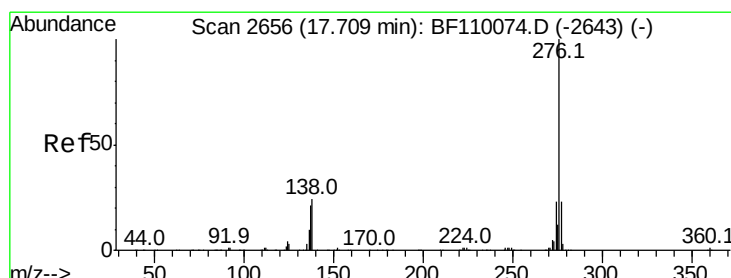
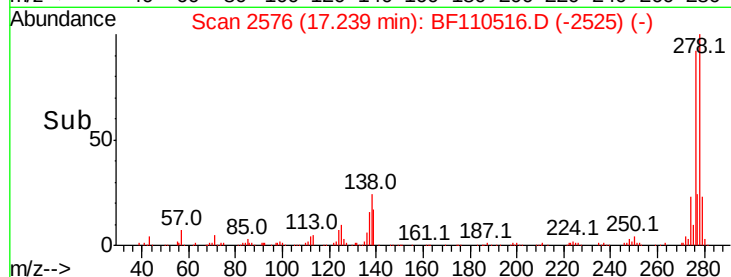
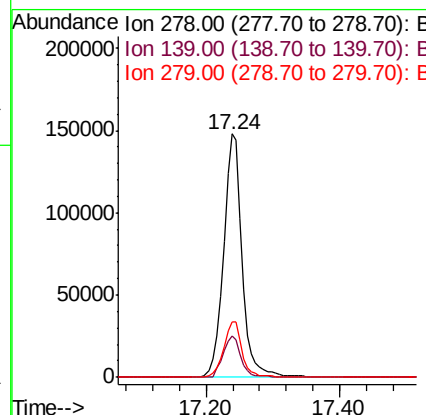
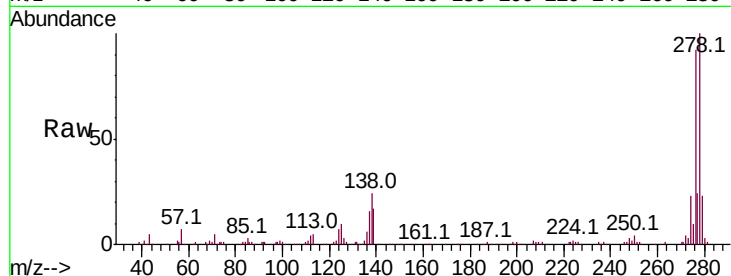




#91
Dibenzo(a,h)anthracene
Concen: 41.236 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.00 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	12.7	19.1
279	23.0	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 41.413 ng
RT: 17.71 min Scan# 2656
Delta R.T. 0.01 min
Lab File: BF110516.D
Acq: 6 Nov 2018 15:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.8	28.2
138	22.6	16.0	24.0

