

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
 Data File : BF108620.D
 Acq On : 29 Aug 2018 23:20
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 30 01:10:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	114664	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	444077	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	203097	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	334248	20.00	ng	0.00
75) Chrysene-d12	14.19	240	258459	20.00	ng	0.00
86) Perylene-d12	15.75	264	262585	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	469224	74.09	ng	0.00
7) Phenol-d6	6.63	99	649058	77.12	ng	0.00
23) Nitrobenzene-d5	7.57	82	645731	81.14	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	149614	73.85	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1188115	93.92	ng	-0.01
78) Terphenyl-d14	13.12	244	819617	80.63	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.87	88	109681	33.703	ng	# 87
3) Pyridine	3.67	79	260134	31.030	ng	# 85
4) n-Nitrosodimethylamine	3.63	42	131191	27.811	ng	# 81
6) Aniline	6.67	93	401793	35.097	ng	# 91
8) 2-Chlorophenol	6.79	128	285623	40.042	ng	# 96
9) Benzaldehyde	6.56	77	246853	37.830	ng	# 98
10) Phenol	6.64	94	345326	39.667	ng	# 88
11) bis(2-Chloroethyl)ether	6.73	93	308658	43.855	ng	# 93
12) 1,3-Dichlorobenzene	6.94	146	323606	39.235	ng	# 98
13) 1,4-Dichlorobenzene	7.02	146	353134	42.614	ng	# 98
14) 1,2-Dichlorobenzene	7.17	146	317977	41.253	ng	# 98
15) Benzyl Alcohol	7.14	79	226138	31.917	ng	# 94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	508774	35.090	ng	# 85
17) 2-Methylphenol	7.25	107	232257	37.968	ng	# 91
18) Hexachloroethane	7.51	117	118195	40.063	ng	# 95
19) n-Nitroso-di-n-propylamine	7.41	70	204403	35.915	ng	# 93
20) 3+4-Methylphenols	7.40	107	295542	37.702	ng	# 82
22) Acetophenone	7.41	105	417971	40.253	ng	# 92
24) Nitrobenzene	7.58	77	325272	40.419	ng	# 93
25) Isophorone	7.82	82	544871	35.921	ng	# 98
26) 2-Nitrophenol	7.90	139	135343	44.534	ng	# 92
27) 2,4-Dimethylphenol	7.93	122	242915	36.082	ng	# 97
28) bis(2-Chloroethoxy)methane	8.02	93	344277	38.879	ng	# 99
29) 2,4-Dichlorophenol	8.14	162	244182	39.413	ng	# 98
30) 1,2,4-Trichlorobenzene	8.22	180	270561	39.610	ng	# 98
31) Naphthalene	8.31	128	845474	41.864	ng	# 99
32) Benzoic acid	8.04	122	77514	23.346	ng	# 97
33) 4-Chloroaniline	8.36	127	340931	38.737	ng	# 98
34) Hexachlorobutadiene	8.41	225	174171	40.278	ng	# 98
35) Caprolactam	8.73	113	59285	30.536	ng	# 83
36) 4-Chloro-3-methylphenol	8.83	107	248645	37.202	ng	# 97
37) 2-Methylnaphthalene	9.00	142	544067	38.077	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	277842	44.548	ng	# 97
40) Hexachlorocyclopentadiene	9.14	237	39389	9.778	ng	# 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	159461	41.201	nq	98
43) 2,4,5-Trichlorophenol	9.32	196	179890	42.223	nq	97
45) 1,1'-Biphenyl	9.46	154	656905	43.869	nq	98
46) 2-Chloronaphthalene	9.49	162	502292	42.441	nq	98
47) 2-Nitroaniline	9.59	65	162139	42.340	nq	83
48) Acenaphthylene	9.91	152	768328	41.064	nq	100
49) Dimethylphthalate	9.75	163	581466	41.101	nq	99
50) 2,6-Dinitrotoluene	9.82	165	122228	41.294	nq	# 86
51) Acenaphthene	10.08	154	449981	39.265	nq	99
52) 3-Nitroaniline	10.01	138	123408	38.106	nq	93
53) 2,4-Dinitrophenol	10.12	184	15283	19.607	nq	# 54
54) Dibenzofuran	10.25	168	662004	39.872	nq	100
55) 4-Nitrophenol	10.17	139	56678	23.112	nq	84
56) 2,4-Dinitrotoluene	10.24	165	153939	40.404	nq	# 98
57) Fluorene	10.60	166	511556	38.921	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	140322	39.405	nq	# 79
59) Diethylphthalate	10.45	149	541216	39.507	nq	98
60) 4-Chlorophenyl-phenylether	10.58	204	268781	39.246	nq	88
61) 4-Nitroaniline	10.62	138	98444	30.746	nq	93
62) Azobenzene	10.74	77	526682	37.227	nq	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	26972	24.453	nq	88
65) n-Nitrosodiphenylamine	10.70	169	455240	46.089	nq	97
66) 4-Bromophenyl-phenylether	11.07	248	163599	45.039	nq	# 89
67) Hexachlorobenzene	11.14	284	162913	42.627	nq	# 87
68) Atrazine	11.22	200	140965	42.550	nq	95
69) Pentachlorophenol	11.34	266	52773	28.849	nq	98
70) Phenanthrene	11.57	178	635699	40.323	nq	98
71) Anthracene	11.62	178	675144	41.783	nq	98
72) Carbazole	11.78	167	541439	37.715	nq	99
73) Di-n-butylphthalate	12.08	149	715554	44.004	nq	99
74) Fluoranthene	12.76	202	618477	35.946	nq	94
76) Benzidine	12.88	184	264507	27.391	nq	100
77) Pyrene	12.99	202	610050	37.282	nq	100
79) Butylbenzylphthalate	13.59	149	256897	39.538	nq	97
80) Benzo(a)anthracene	14.18	228	589303	39.729	nq	99
81) 3,3'-Dichlorobenzidine	14.14	252	209347	39.383	nq	# 96
82) Chrysene	14.22	228	562330	41.352	nq	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	342458	38.921	nq	98
84) Di-n-octyl phthalate	14.76	149	614433	45.788	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	493738	41.904	nq	# 90
87) Benzo(b)fluoranthene	15.28	252	578629	36.878	nq	# 96
88) Benzo(k)fluoranthene	15.31	252	596866	41.382	nq	# 96
89) Benzo(a)pyrene	15.68	252	561246	39.945	nq	# 96
90) Dibenzo(a,h)anthracene	17.38	278	423392	36.420	nq	# 93
91) Benzo(g,h,i)perylene	17.86	276	390042	34.073	nq	# 90

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

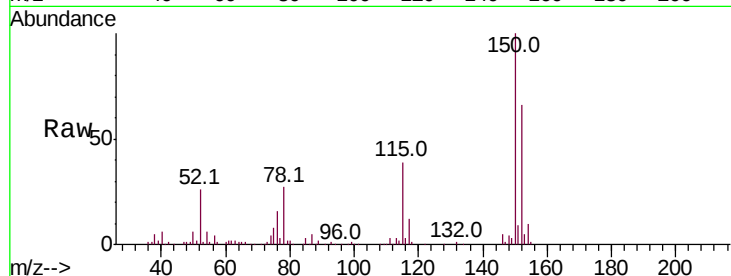


#1

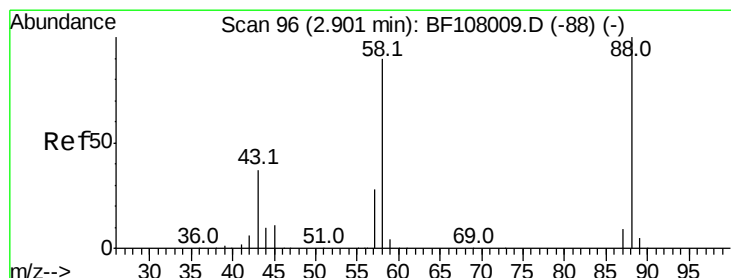
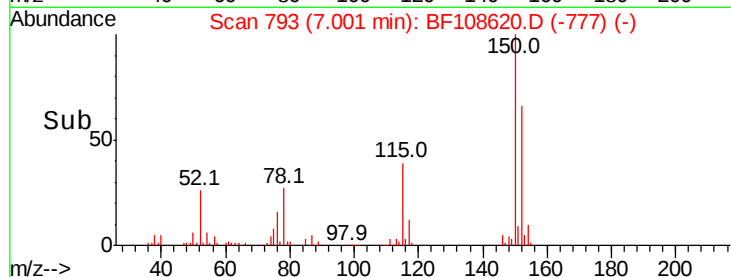
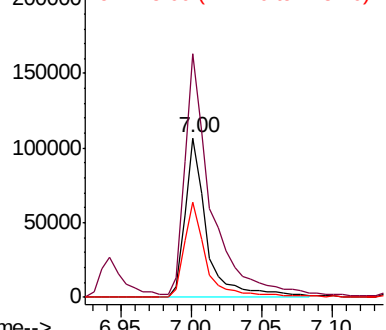
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 114664
Ion Ratio Lower Upper
152 100
150 152.6 124.6 186.8
115 59.3 50.1 75.1



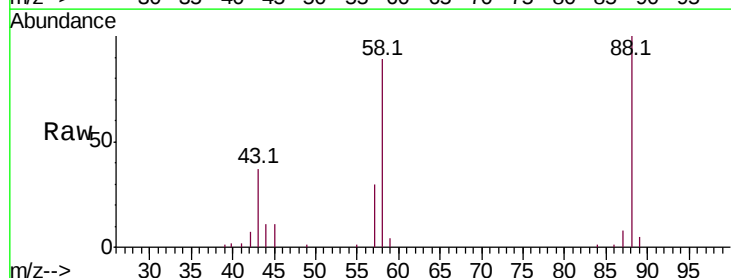
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



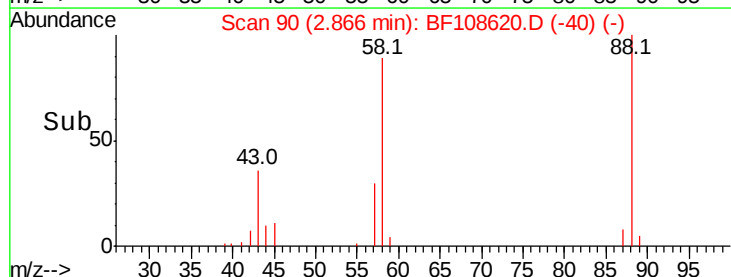
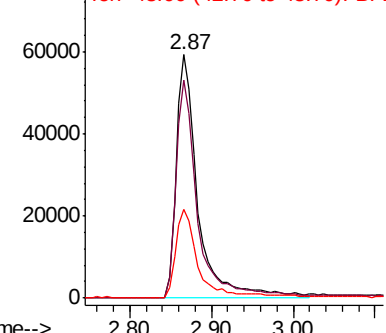
#2

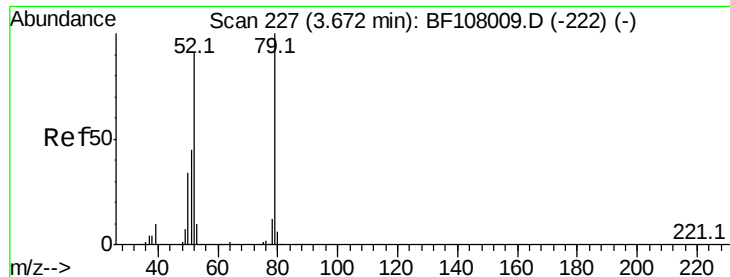
1,4-Dioxane
Concen: 33.703 ng
RT: 2.87 min Scan# 90
Delta R.T. -0.01 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

Tgt Ion: 88 Resp: 109681
Ion Ratio Lower Upper
88 100
58 90.0 62.6 93.8
43 37.7 24.6 37.0#



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: 31.030 ng

RT: 3.67 min Scan# 226

Delta R.T. 0.01 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

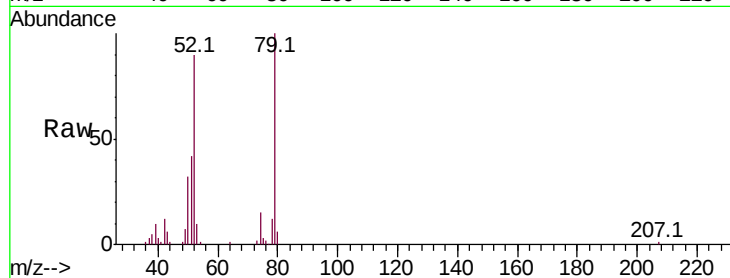
Tot Ion: 79 Resp: 260134

Ion Ratio Lower Upper

79 100

52 90.0 59.8 89.6#

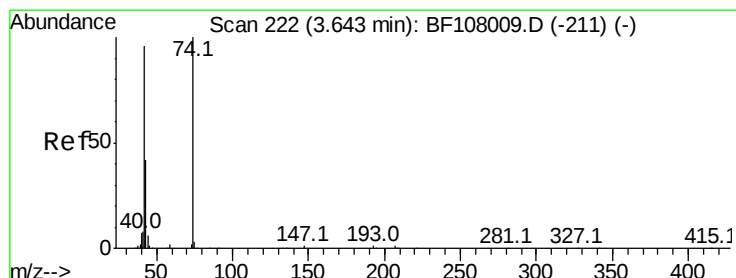
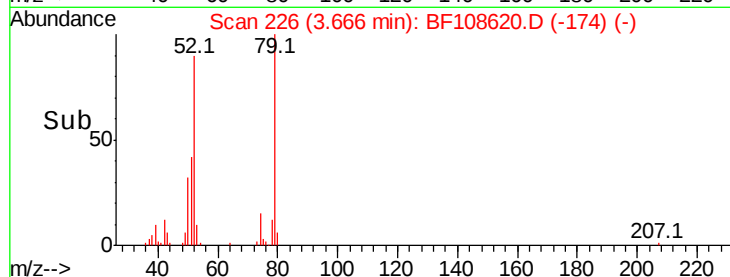
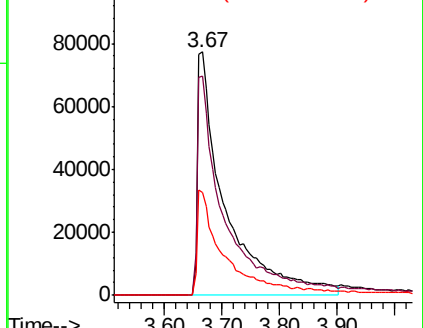
51 42.3 29.8 44.8



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: 27.811 ng

RT: 3.63 min Scan# 220

Delta R.T. -0.00 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

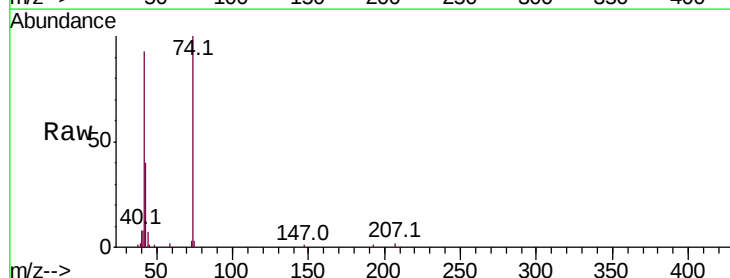
Tgt Ion: 42 Resp: 131191

Ion Ratio Lower Upper

42 100

74 107.3 104.9 157.3

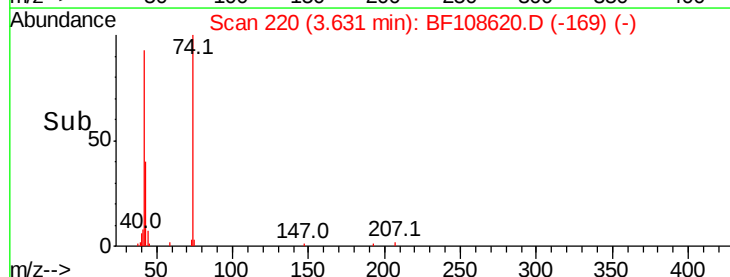
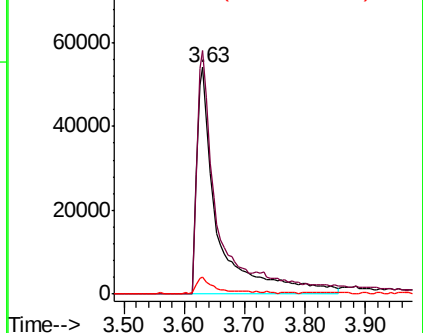
44 7.4 6.9 10.3



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: 74.087 ng

RT: 5.62 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

Instrument :

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ClientSampleId :

SSTDCCC040

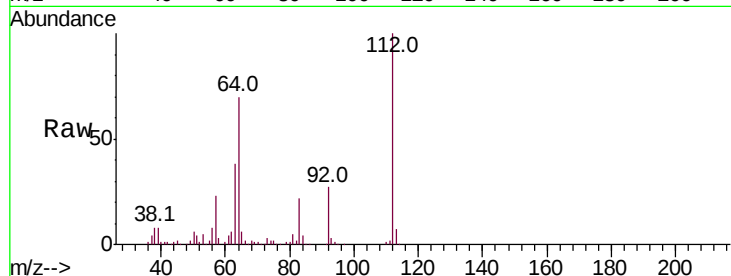
Tot Ion:112 Resp: 469224

Ion Ratio Lower Upper

112 100

64 70.1 47.9 71.9

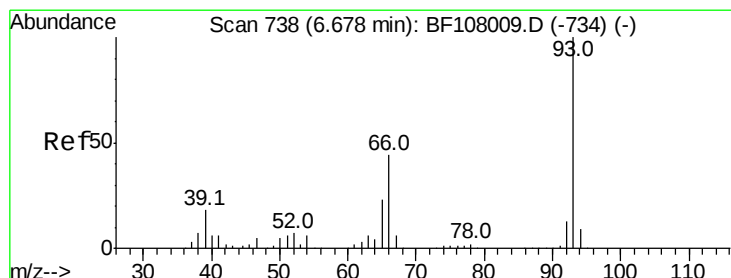
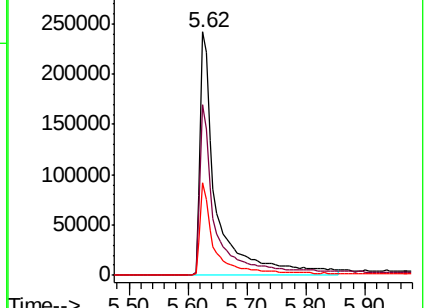
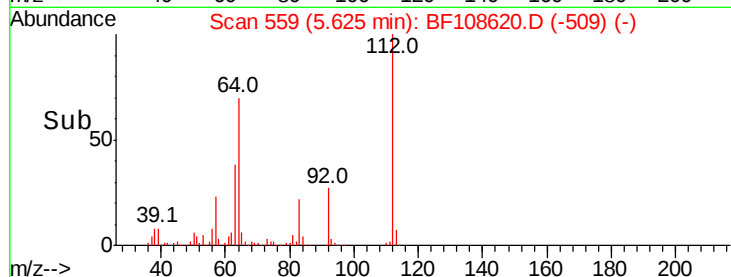
63 37.9 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.097 ng

RT: 6.67 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

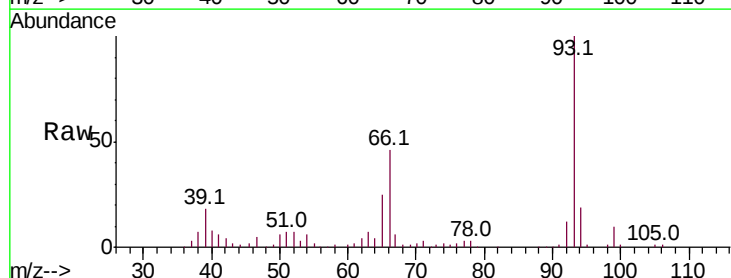
Tgt Ion: 93 Resp: 401793

Ion Ratio Lower Upper

93 100

66 45.6 32.2 48.2

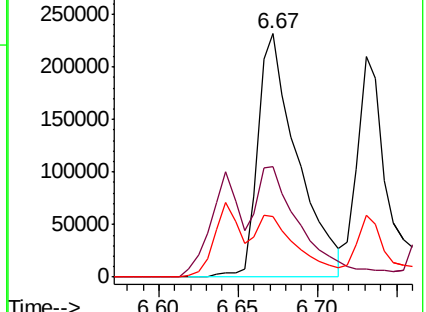
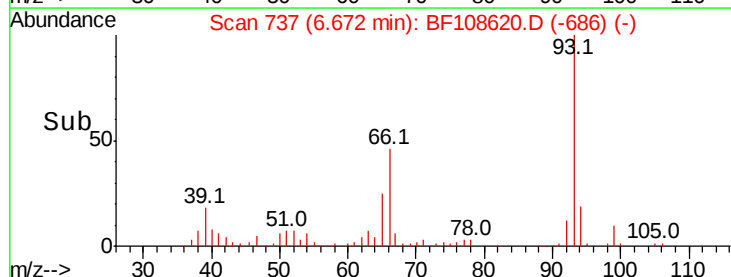
65 24.8 16.4 24.6#

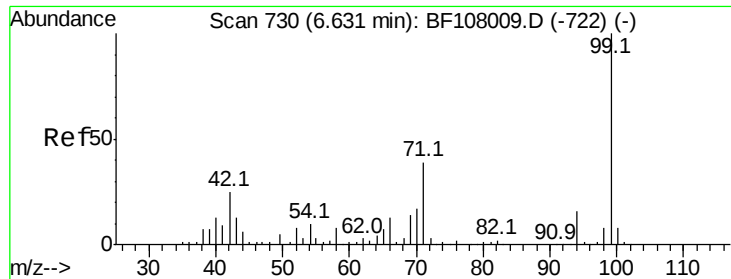


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.119 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

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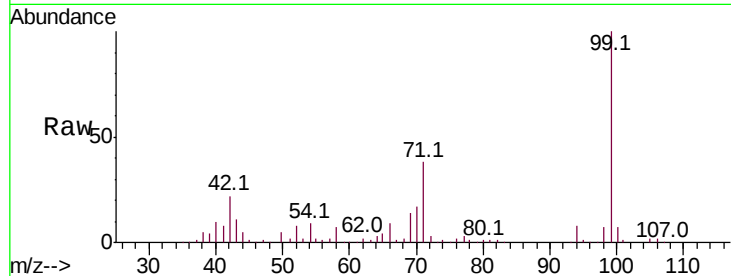
Tot Ion: 99 Resp: 649058

Ion Ratio Lower Upper

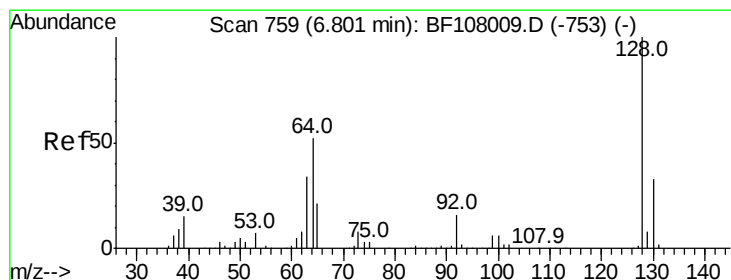
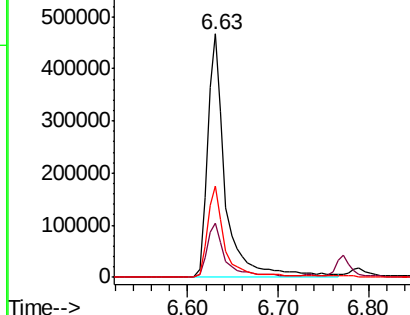
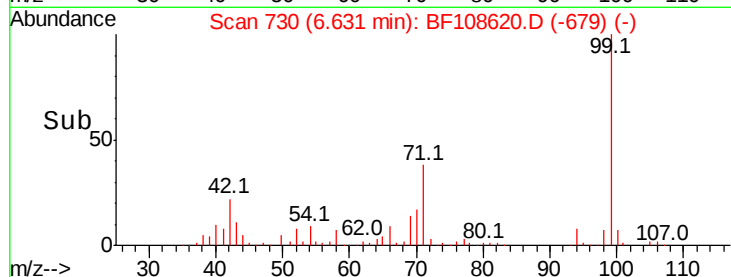
99 100

42 22.3 14.5 21.7#

71 37.5 25.4 38.0



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: 40.042 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

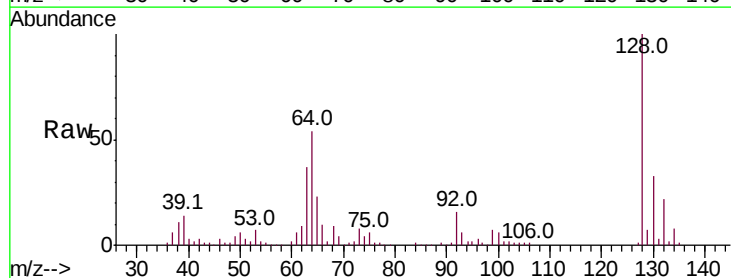
Tgt Ion: 128 Resp: 285623

Ion Ratio Lower Upper

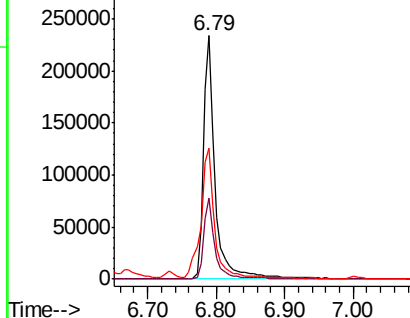
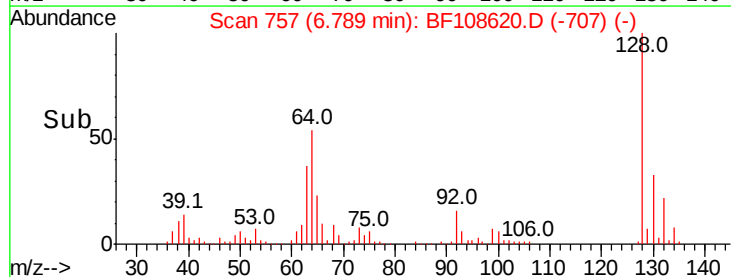
128 100

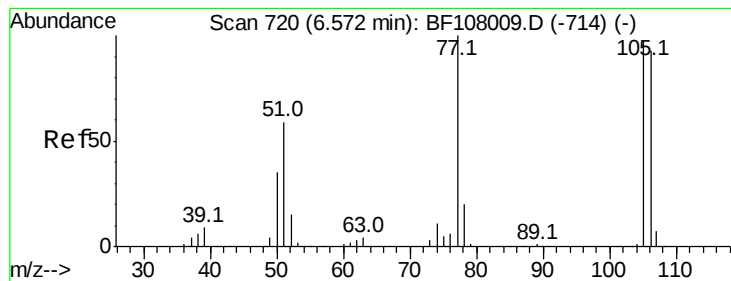
130 33.2 13.0 53.0

64 53.7 29.4 69.4



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: 37.830 ng

RT: 6.56 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

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SSTDCCC040

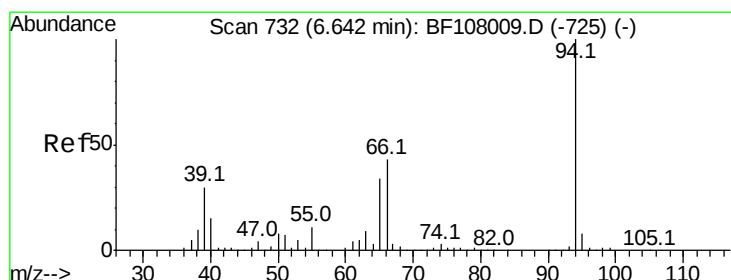
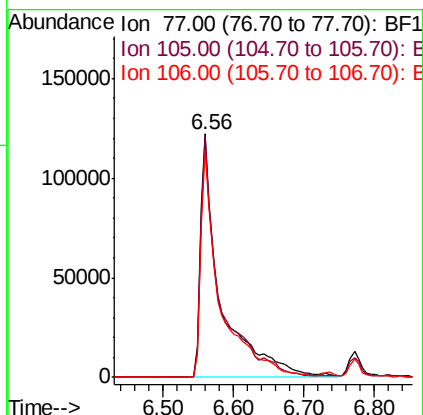
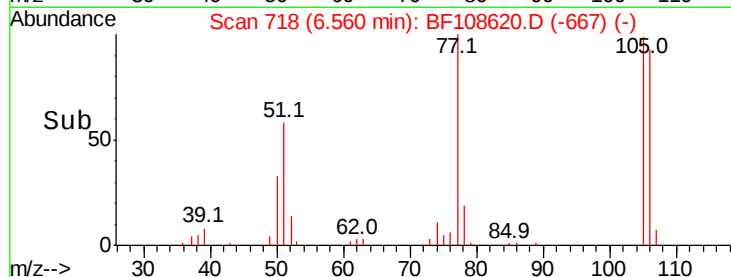
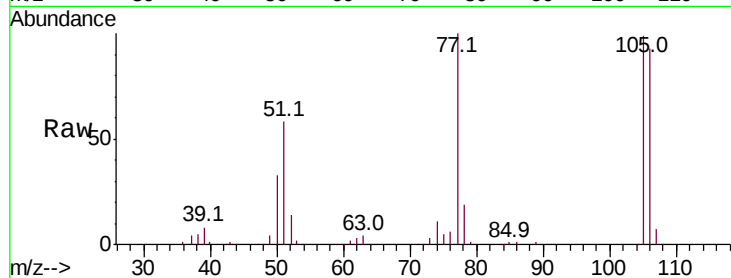
Tot Ion: 77 Resp: 246853

Ion Ratio Lower Upper

77 100

105 98.9 81.1 121.1

106 93.5 74.5 114.5



#10

Phenol

Concen: 39.667 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

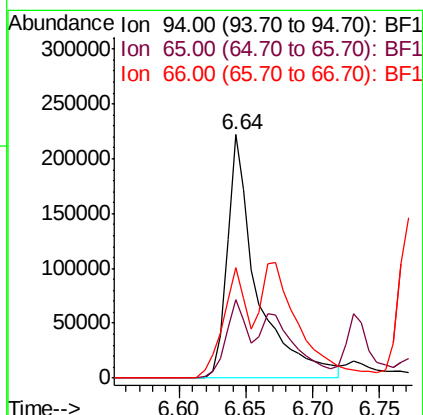
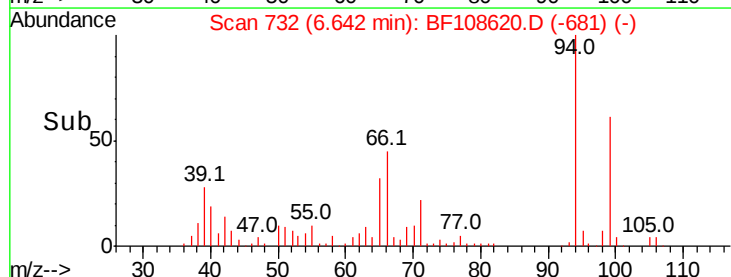
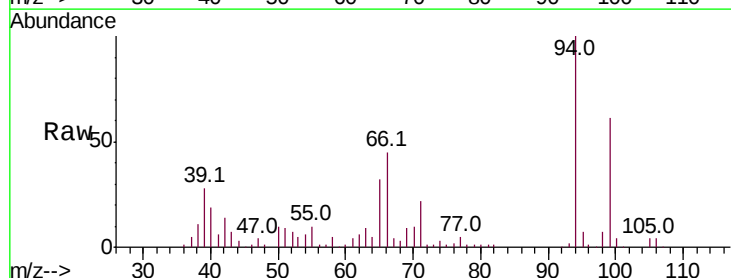
Tgt Ion: 94 Resp: 345326

Ion Ratio Lower Upper

94 100

65 32.2 7.9 47.9

66 45.3 16.2 56.2

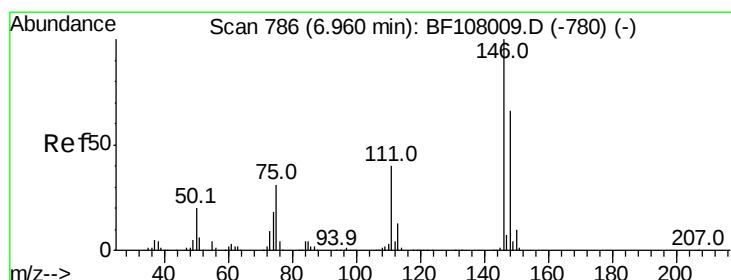
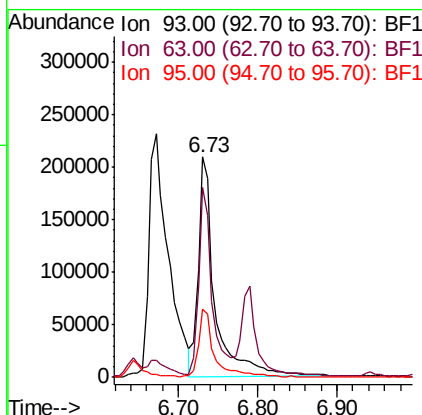
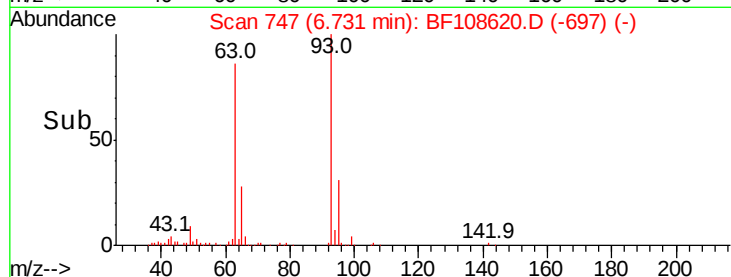
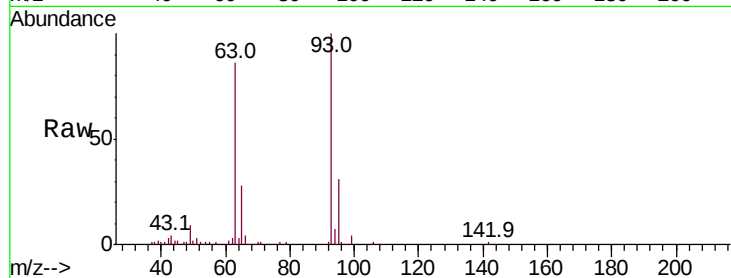




#11
bis(2-Chloroethyl)ether
Concen: 43.855 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

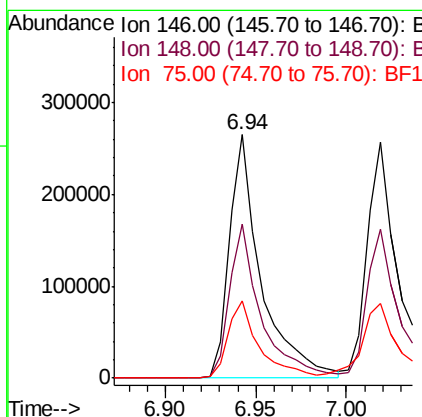
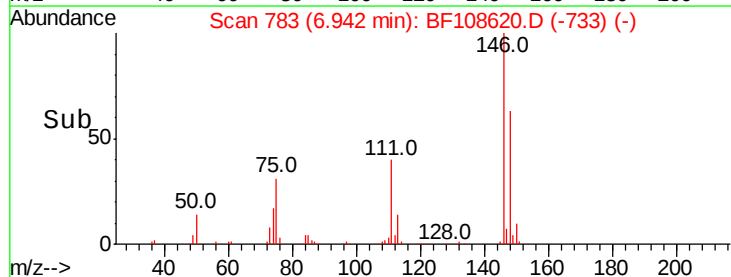
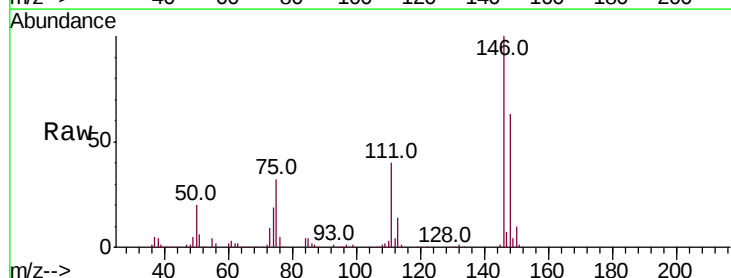
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 93 Resp: 308658
Ion Ratio Lower Upper
93 100
63 86.0 58.6 98.6
95 30.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.235 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

Tgt Ion: 146 Resp: 323606
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.8
75 31.6 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 42.614 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

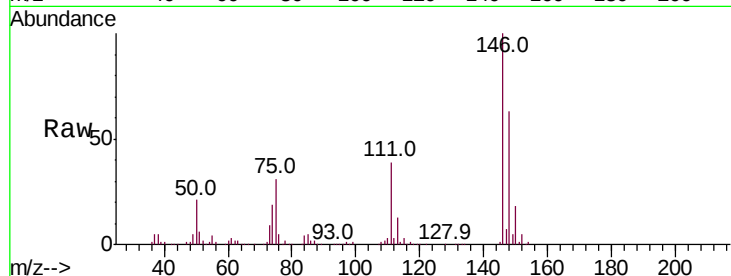
Tot Ion:146 Resp: 353134

Ion Ratio Lower Upper

146 100

148 63.0 50.8 76.2

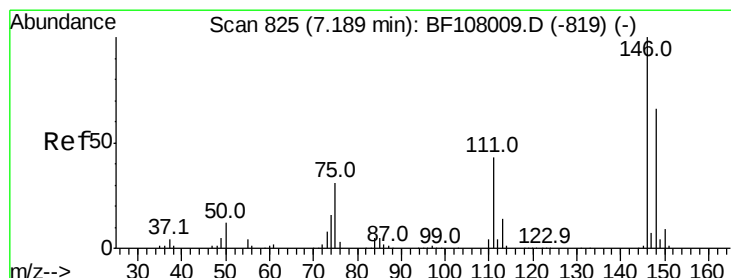
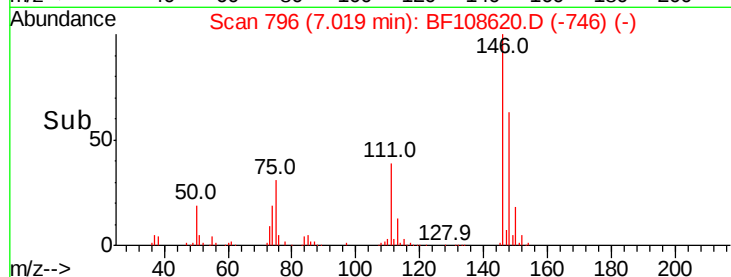
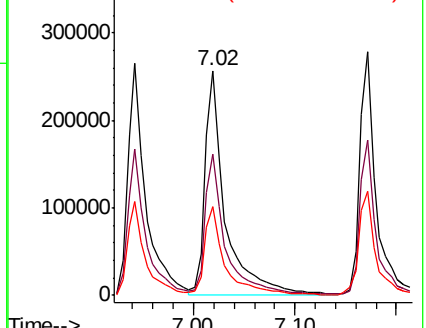
111 39.5 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.253 ng

RT: 7.17 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

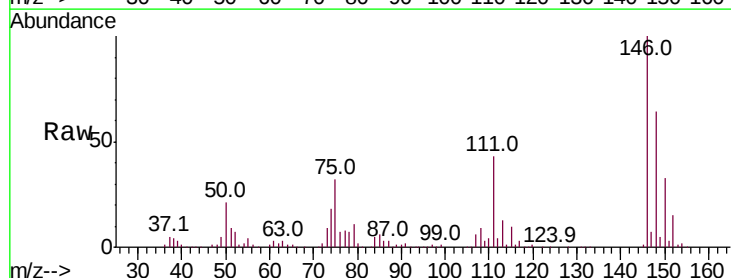
Tgt Ion:146 Resp: 317977

Ion Ratio Lower Upper

146 100

148 63.6 50.6 75.8

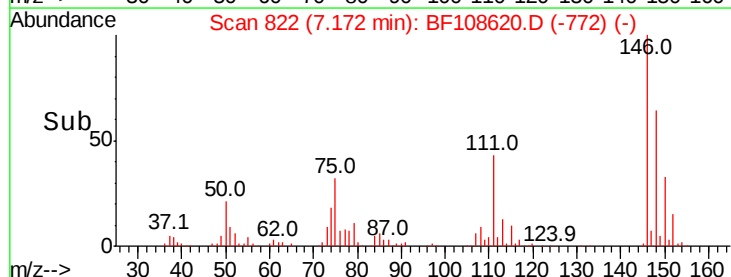
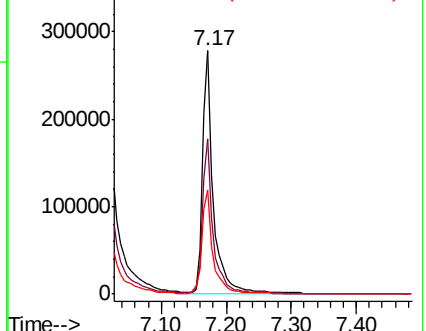
111 42.6 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 31.917 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

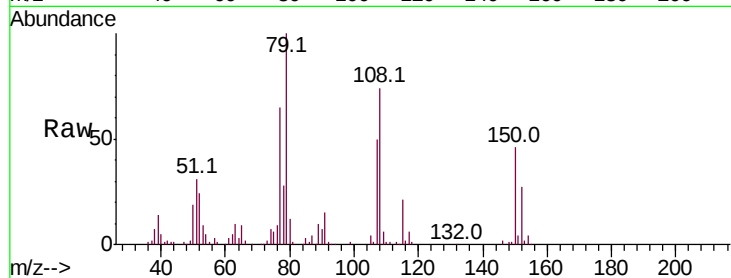
Tot Ion: 79 Resp: 226138

Ion Ratio Lower Upper

79 100

108 73.7 65.1 97.7

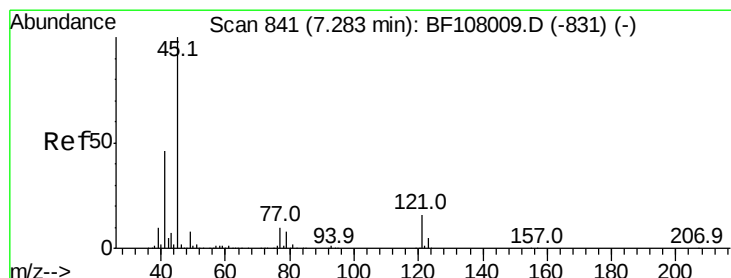
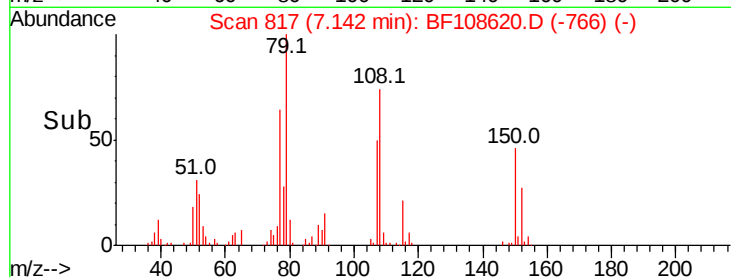
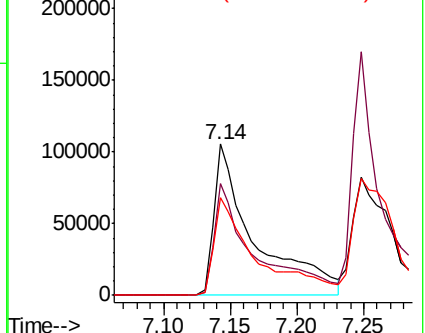
77 64.6 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.090 ng

RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

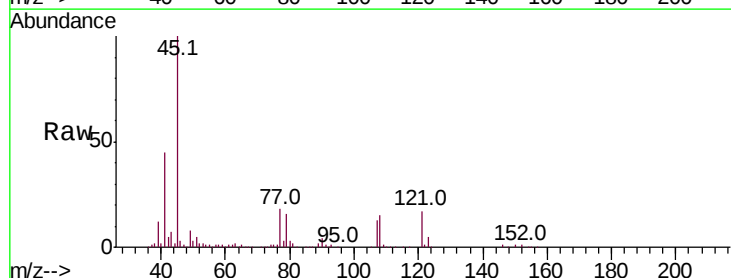
Tgt Ion: 45 Resp: 508774

Ion Ratio Lower Upper

45 100

77 17.9 0.0 32.9

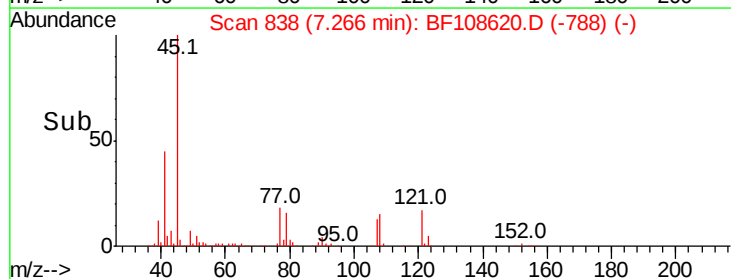
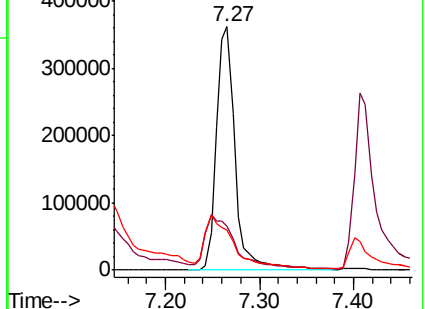
79 16.3 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 37.968 ng

RT: 7.25 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 232257

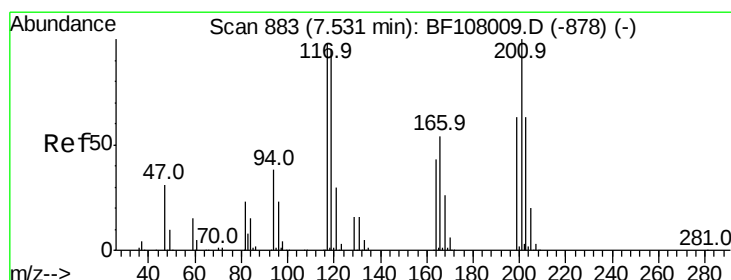
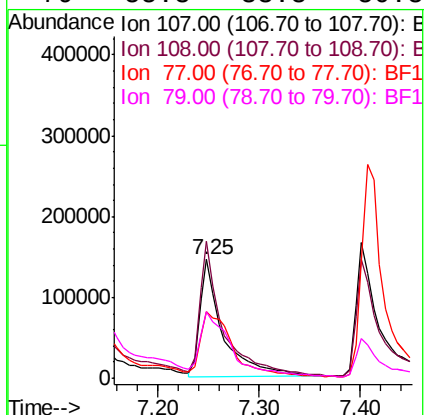
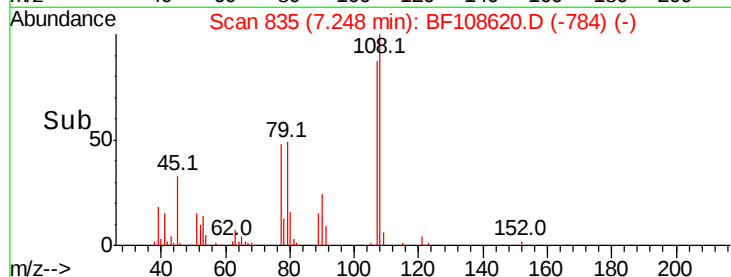
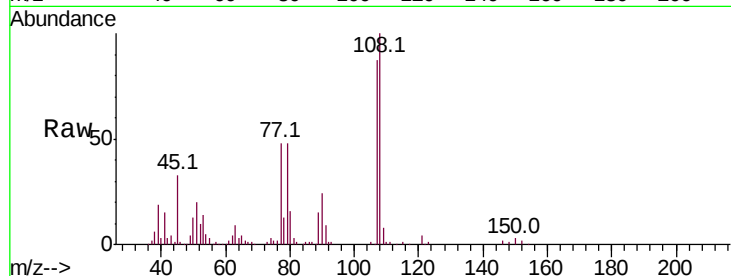
Ion Ratio Lower Upper

107 100

108 115.4 91.7 137.5

77 55.7 33.8 50.8#

79 55.8 33.8 50.8#



#18

Hexachloroethane

Concen: 40.063 ng

RT: 7.51 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

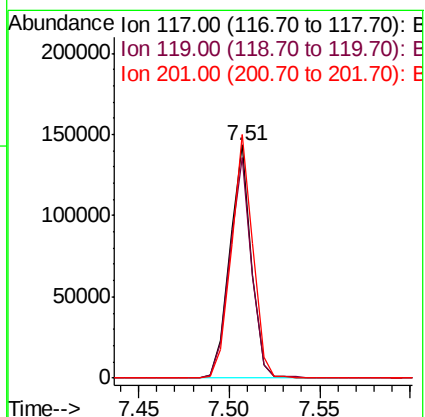
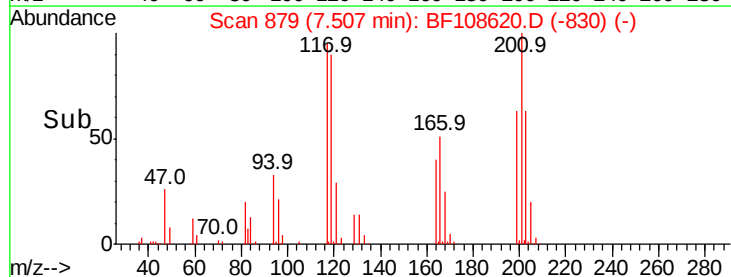
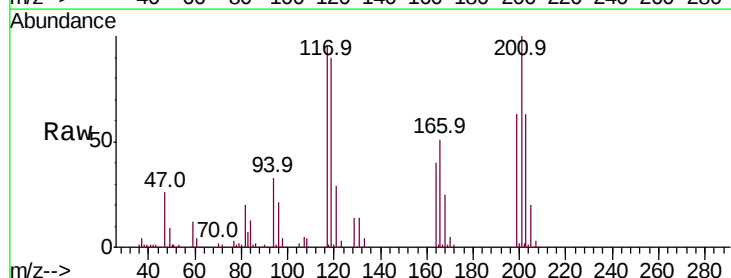
Tgt Ion:117 Resp: 118195

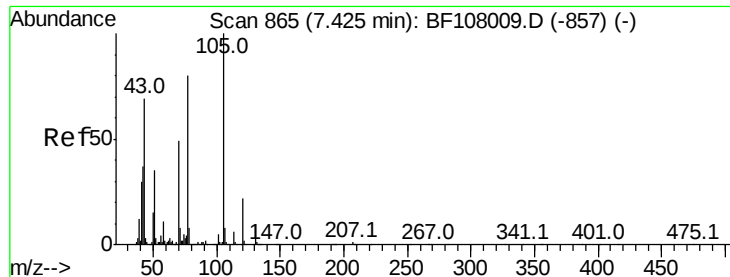
Ion Ratio Lower Upper

117 100

119 94.6 75.8 113.8

201 104.6 75.7 113.5

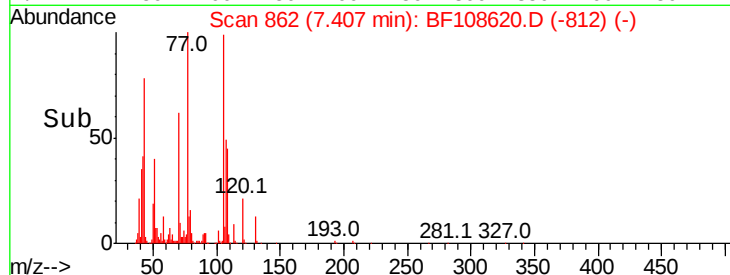
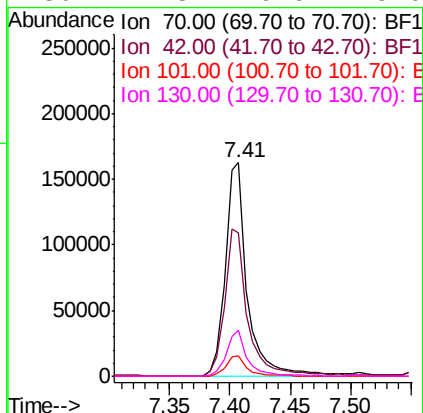
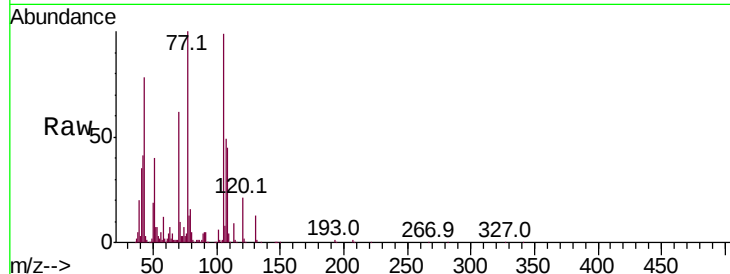




#19
n-Nitroso-di-n-propylamine
Concen: 35.915 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

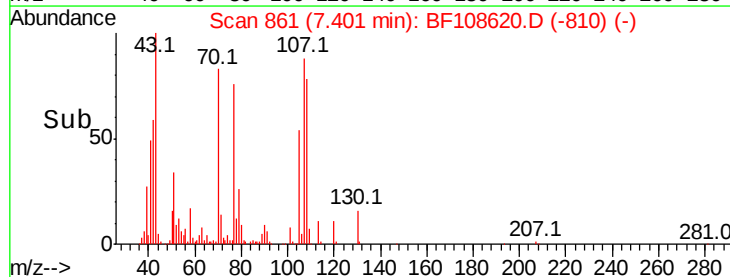
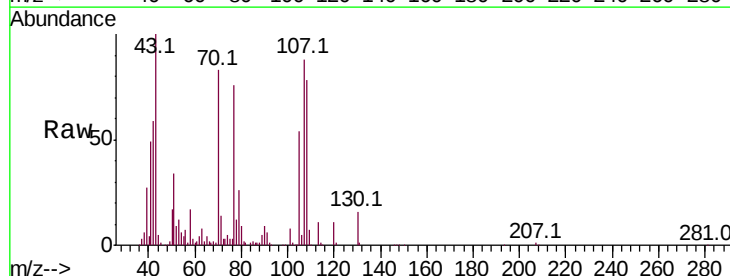
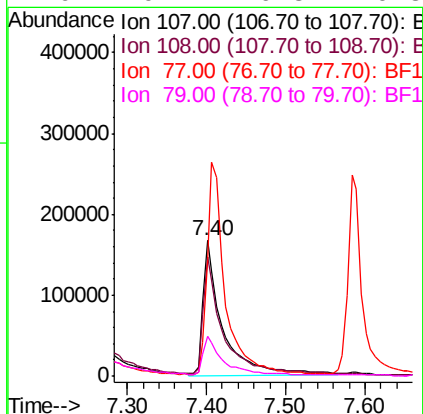
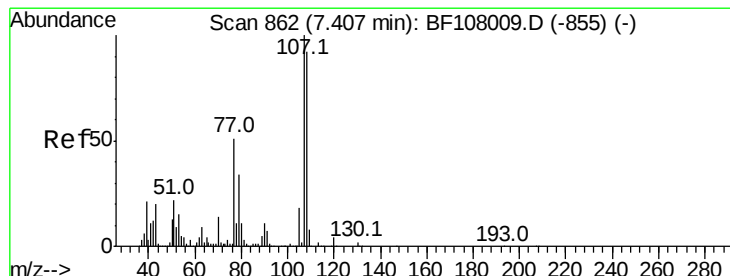
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

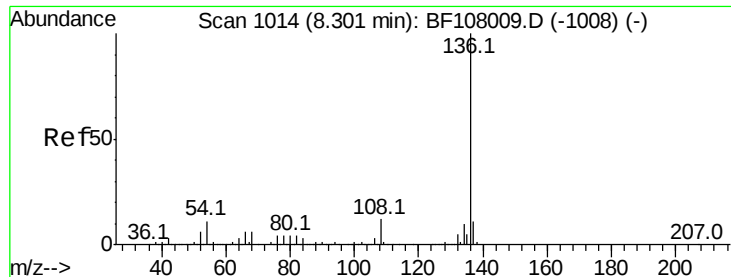
Tot Ion:	70	Resp:	204403
Ion	Ratio	Lower	Upper
70	100		
42	67.1	47.5	71.3
101	9.5	7.4	11.2
130	21.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 37.702 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

Tgt Ion:	107	Resp:	295542
Ion	Ratio	Lower	Upper
107	100		
108	88.3	68.2	108.2
77	86.0	26.7	66.7#
79	29.2	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 444077

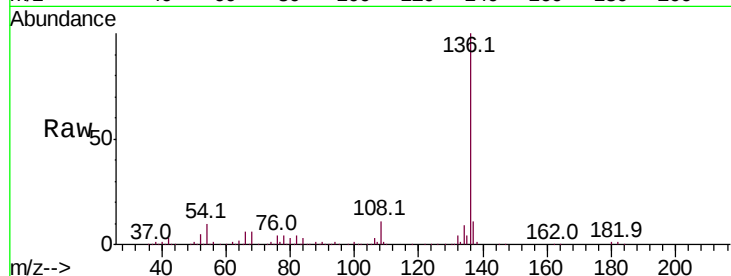
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.8 6.6 9.8#

68 5.9 5.0 7.4

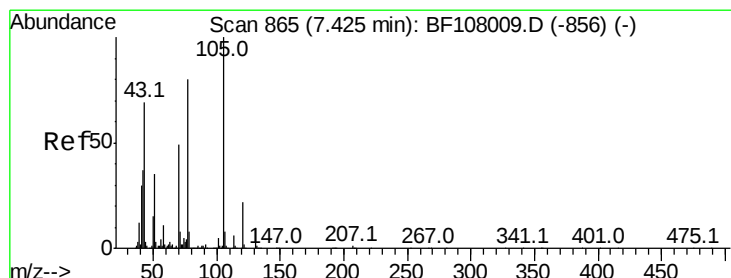
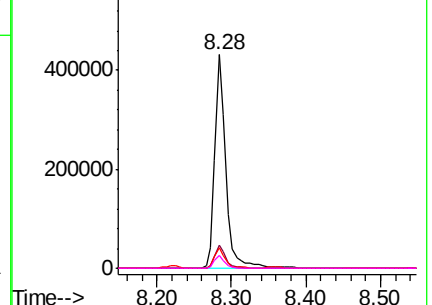
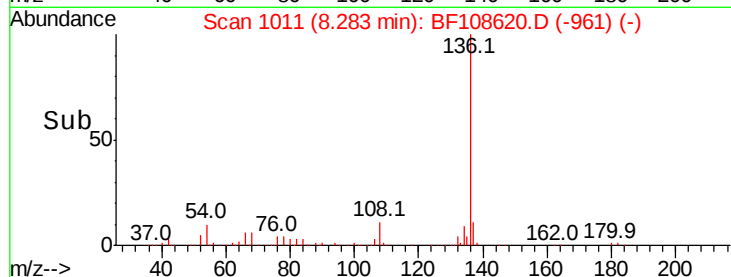


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.253 ng

RT: 7.41 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

Tgt Ion:105 Resp: 417971

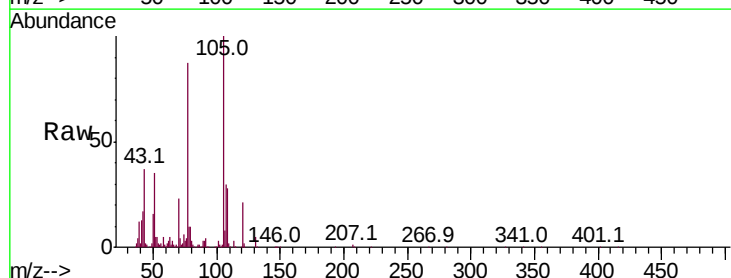
Ion Ratio Lower Upper

105 100

71 3.9 4.4 6.6#

51 35.1 22.3 33.5#

120 20.9 16.9 25.3

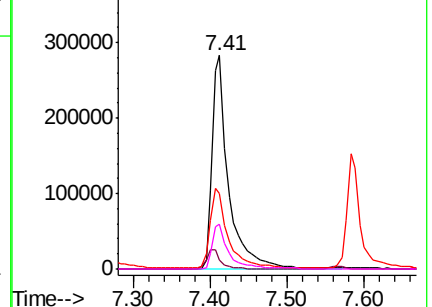
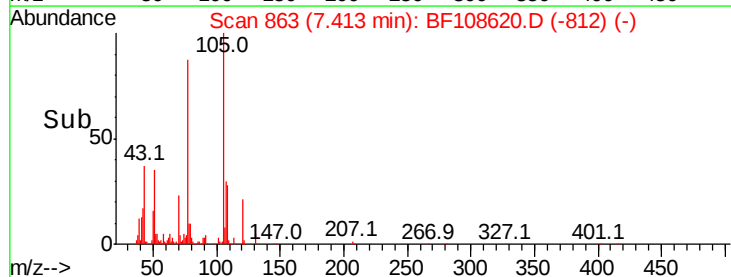


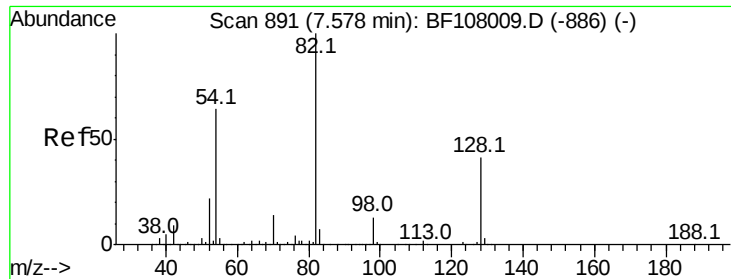
Abundance Ion 105.00 (104.70 to 105.70): E

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

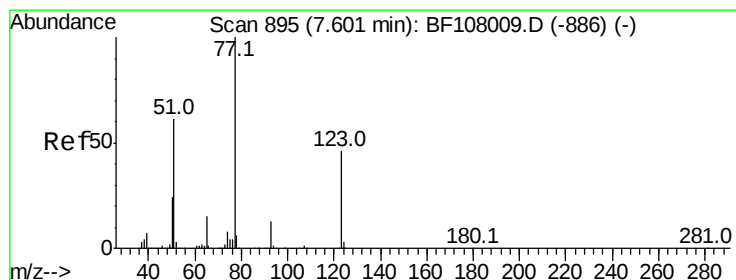
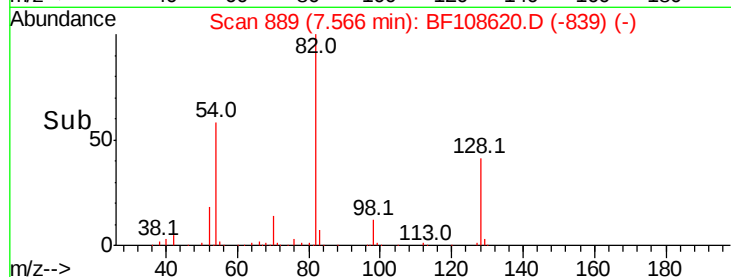
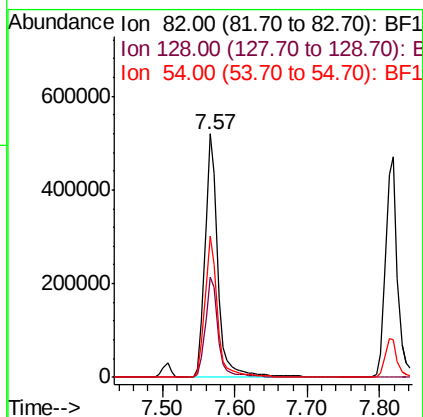
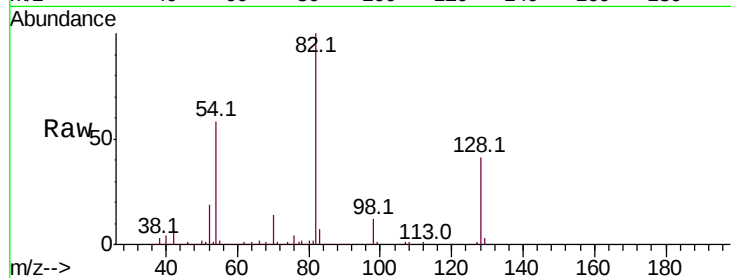




#23
 Nitrobenzene-d5
 Concen: 81.141 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108620.D
 Acq: 29 Aug 2018 23:20

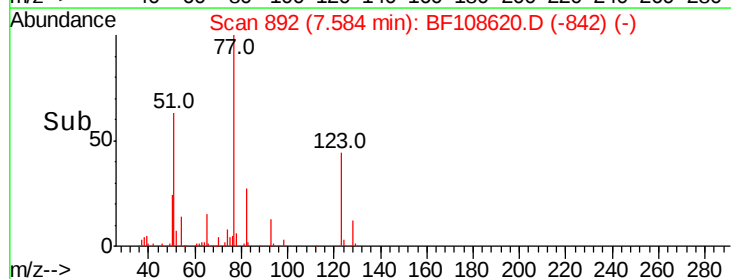
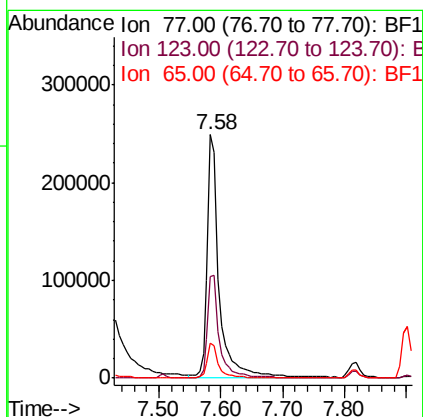
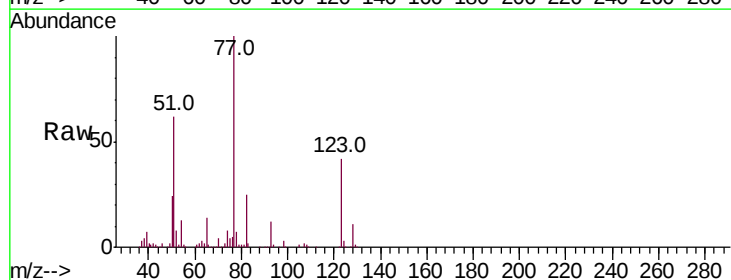
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

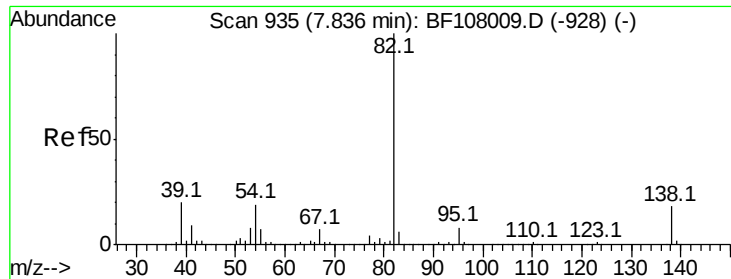
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	36.1	54.1
54	58.2	41.4	62.2



#24
 Nitrobenzene
 Concen: 40.419 ng
 RT: 7.58 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF108620.D
 Acq: 29 Aug 2018 23:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.9	37.9	56.9
65	14.3	11.0	16.4





#25

Isophorone

Concen: 35.921 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

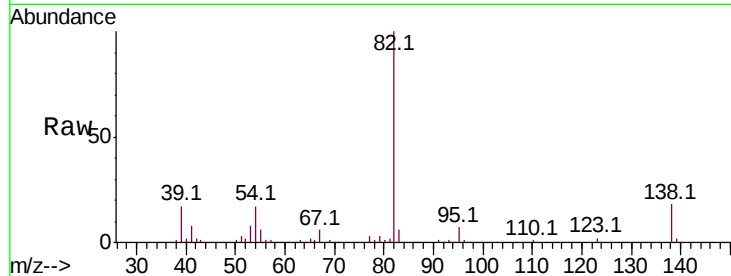
Tot Ion: 82 Resp: 544871

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

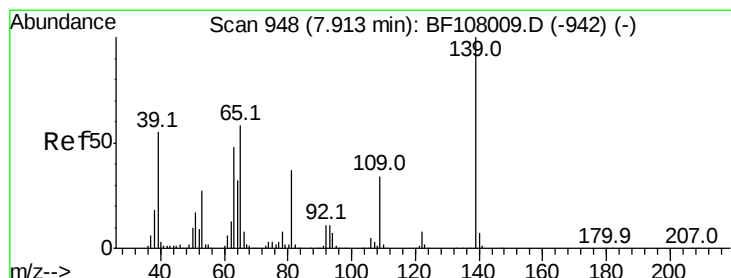
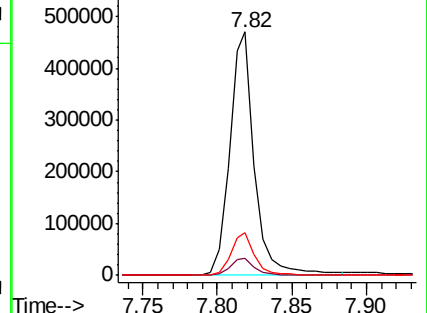
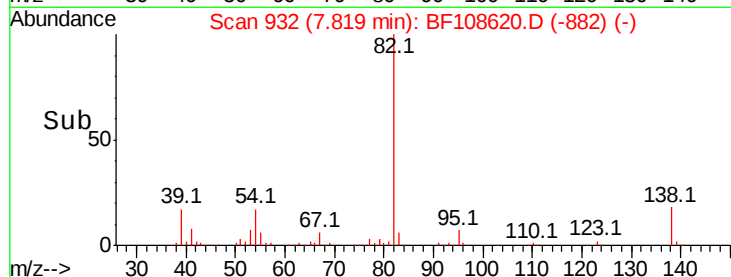
138 17.6 14.9 22.3



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: 44.534 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

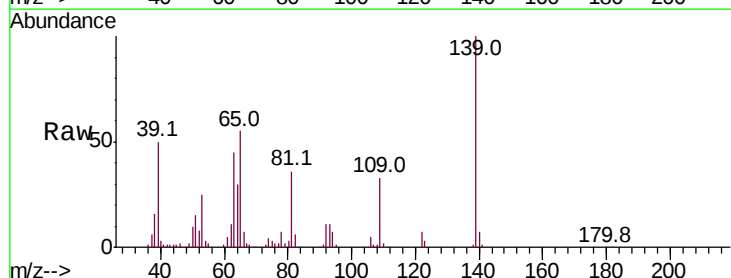
Tgt Ion: 139 Resp: 135343

Ion Ratio Lower Upper

139 100

109 33.3 22.7 34.1

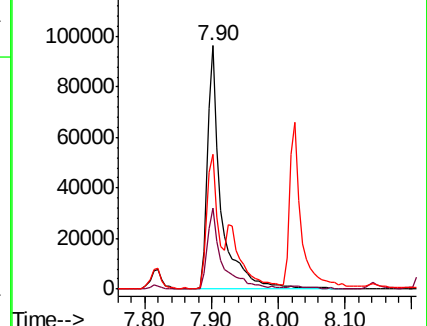
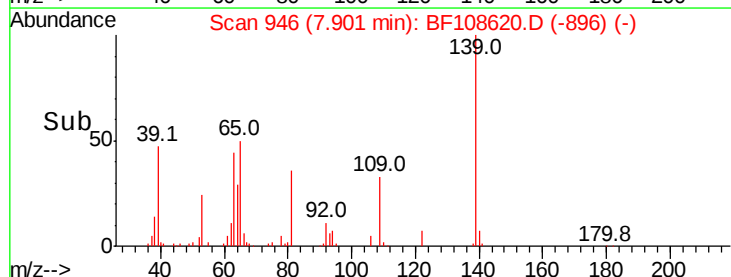
65 55.4 40.5 60.7

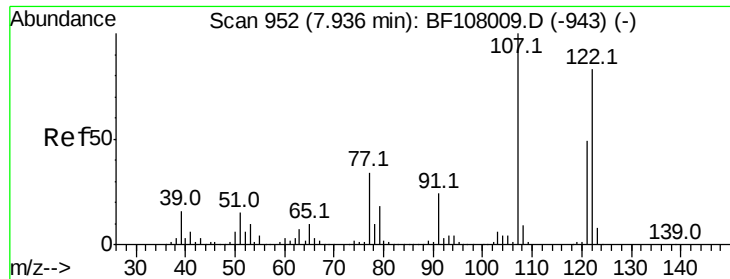


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

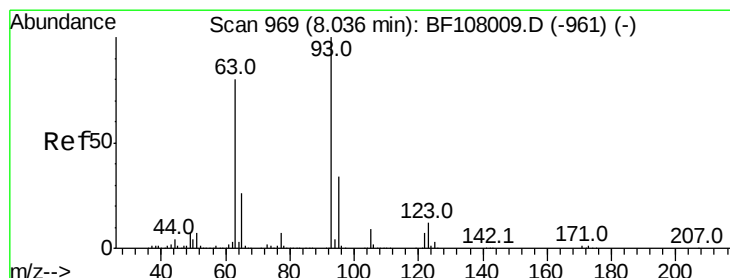
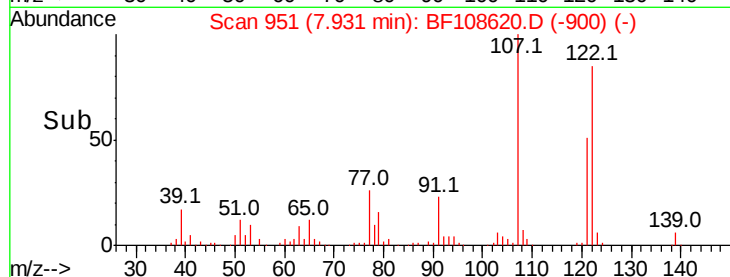
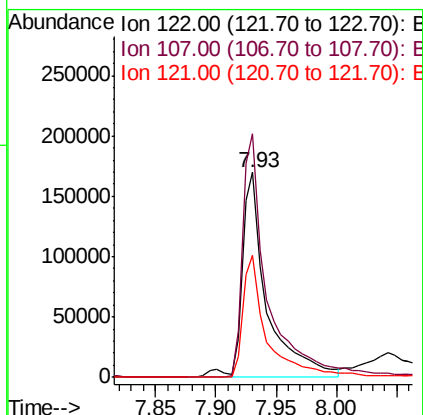
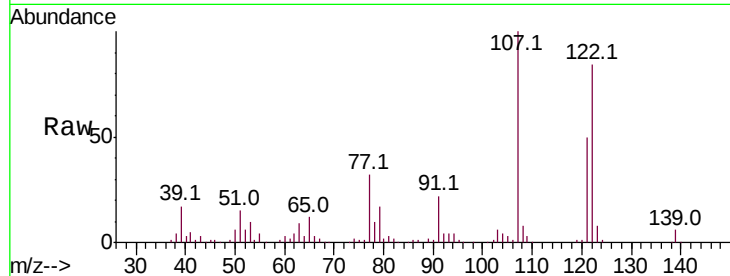




#27
 2,4-Dimethylphenol
 Concen: 36.082 ng
 RT: 7.93 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF108620.D
 Acq: 29 Aug 2018 23:20

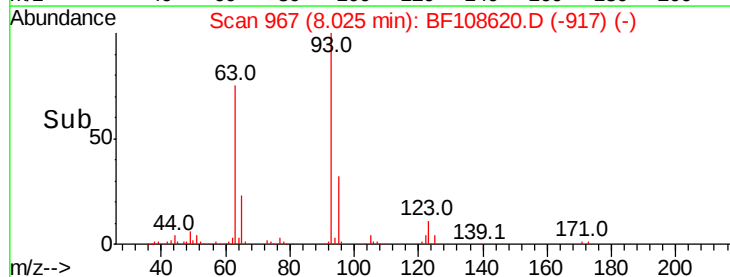
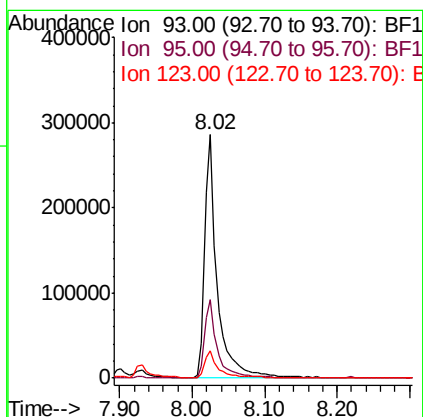
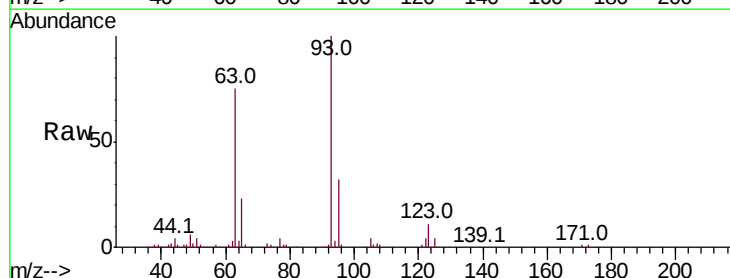
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

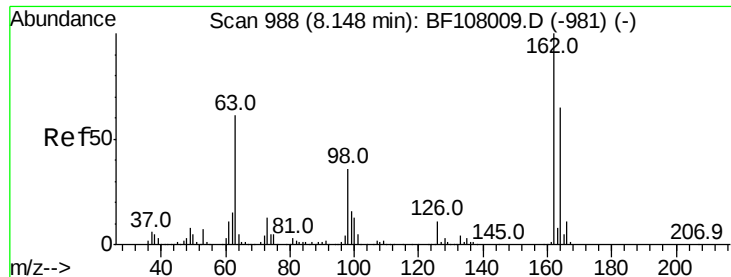
Tot Ion:122 Resp: 242915
 Ion Ratio Lower Upper
 122 100
 107 118.7 91.2 136.8
 121 59.8 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.879 ng
 RT: 8.02 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF108620.D
 Acq: 29 Aug 2018 23:20

Tgt Ion: 93 Resp: 344277
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.3 39.5
 123 11.3 9.8 14.6

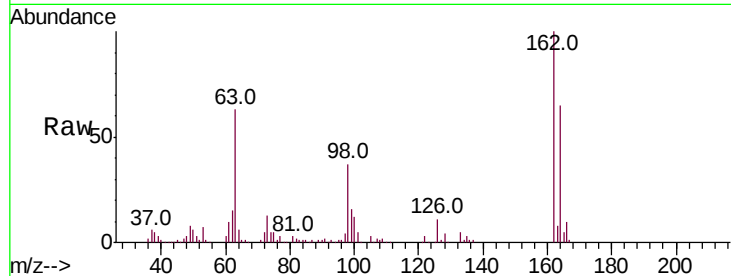




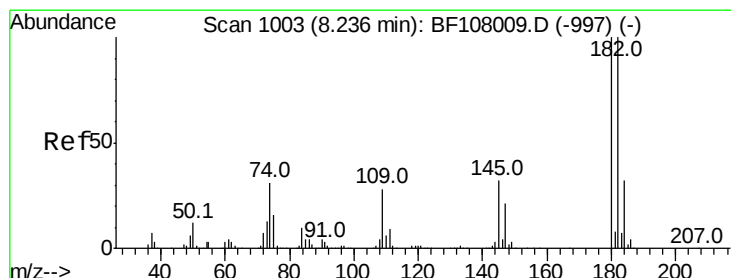
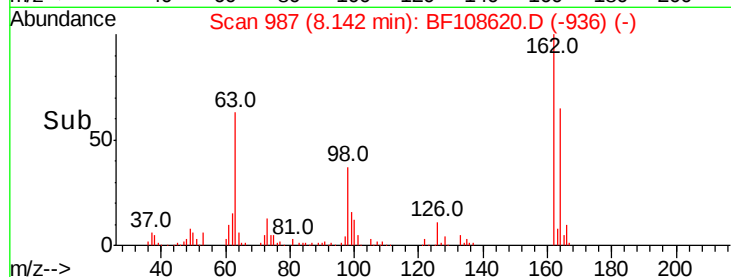
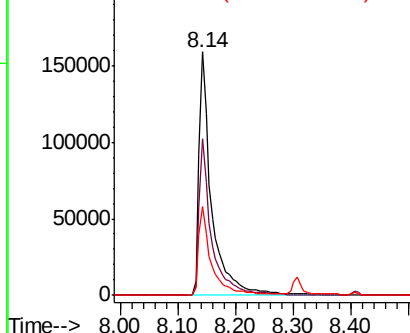
#29
2,4-Dichlorophenol
Concen: 39.413 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 244182
Ion Ratio Lower Upper
162 100
164 64.5 42.7 82.7
98 36.5 18.1 58.1

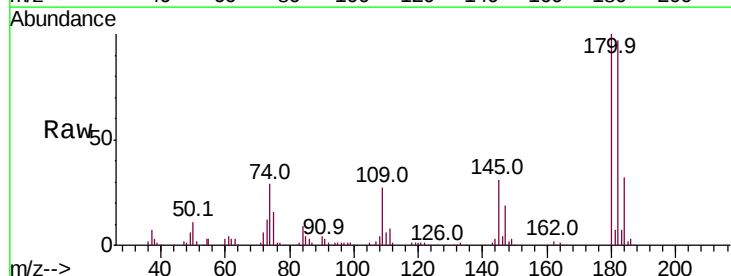


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

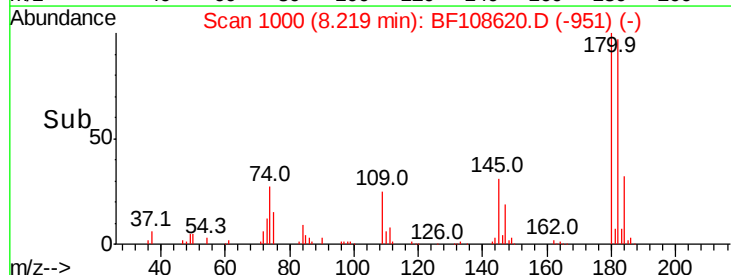
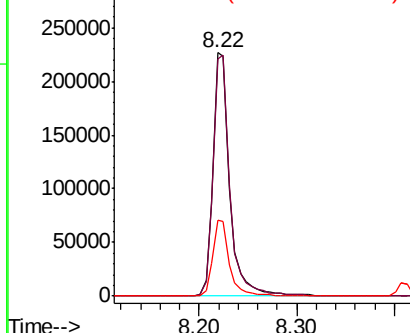


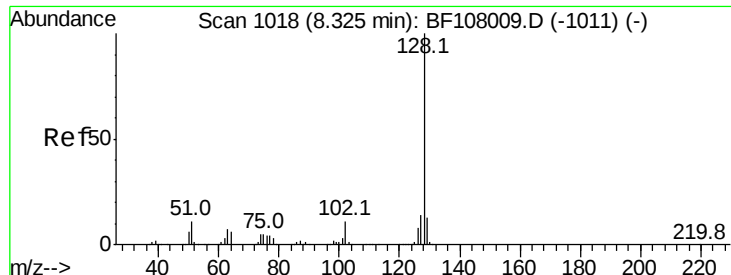
#30
1,2,4-Trichlorobenzene
Concen: 39.610 ng
RT: 8.22 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

Tgt Ion:180 Resp: 270561
Ion Ratio Lower Upper
180 100
182 97.2 76.8 115.2
145 31.0 26.5 39.7



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

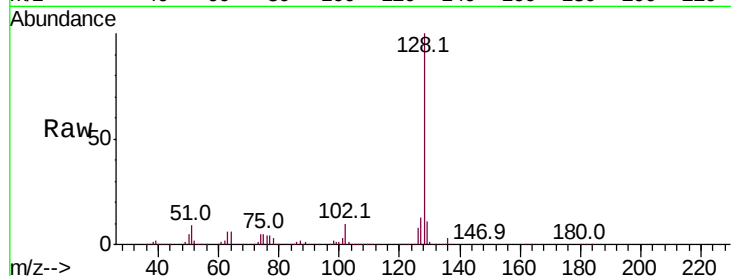




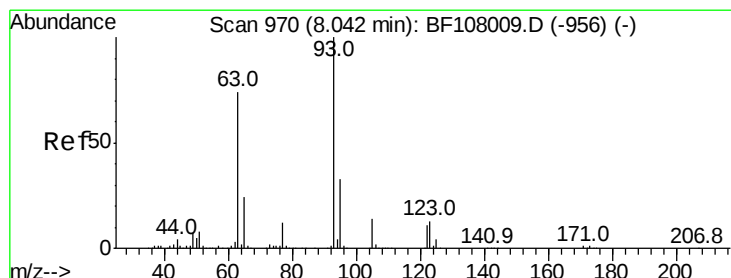
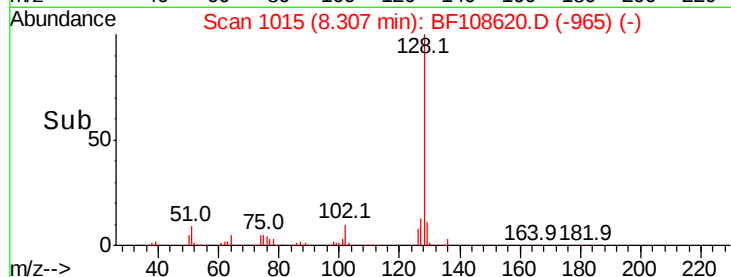
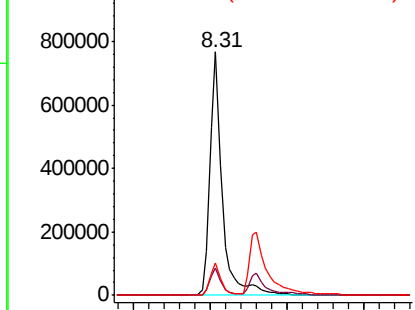
#31
Naphthalene
Concen: 41.864 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 845474
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.9 16.3

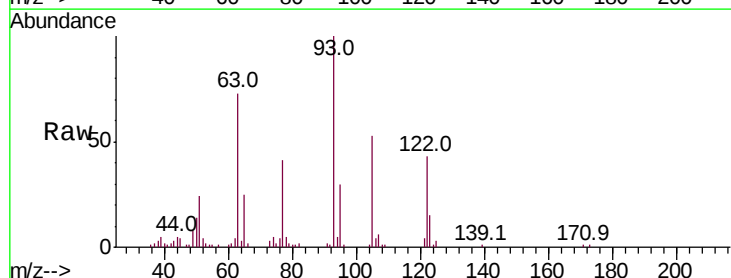


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

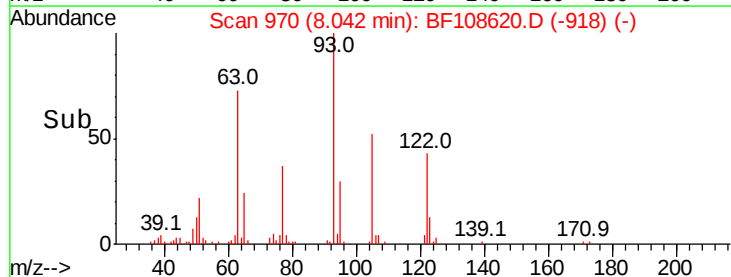
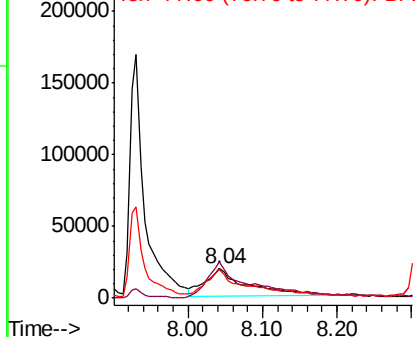


#32
Benzoic acid
Concen: 23.346 ng
RT: 8.04 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

Tgt Ion:122 Resp: 77514
Ion Ratio Lower Upper
122 100
105 122.9 101.1 141.1
77 95.4 70.7 110.7



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

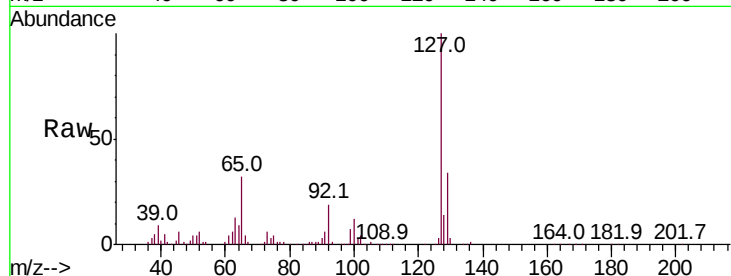




#33
4-Chloroaniline
Concen: 38.737 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	340931
Ion	Ratio	Lower	Upper
127	100		
129	34.2	25.9	38.9
65	32.3	25.0	37.4
92	18.8	15.2	22.8



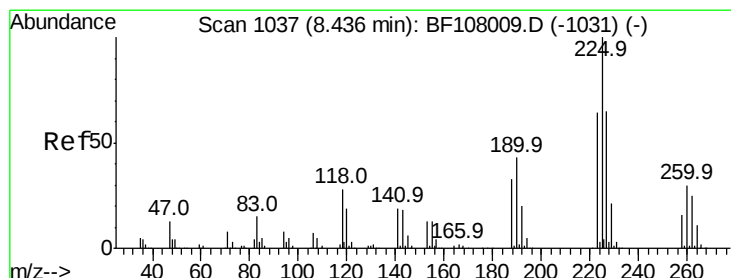
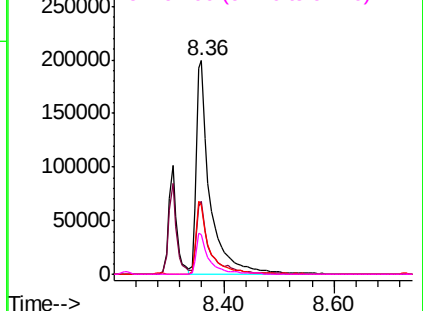
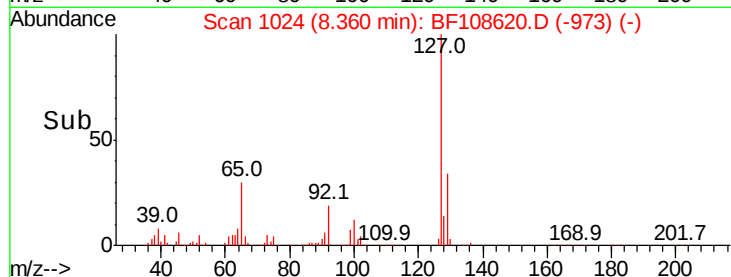
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

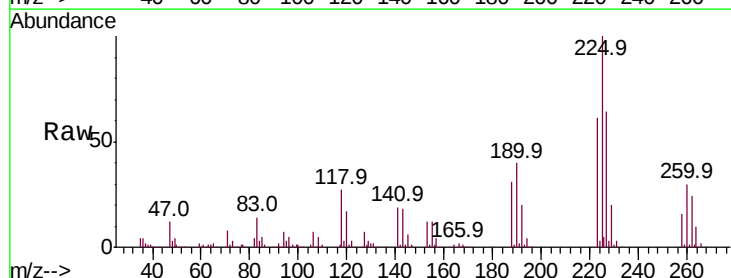
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.278 ng
RT: 8.41 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

Tgt Ion:	225	Resp:	174171
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.6	76.0
227	63.8	51.9	77.9

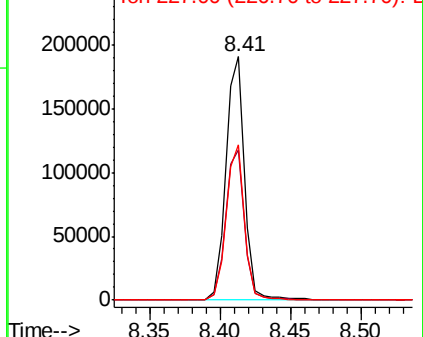
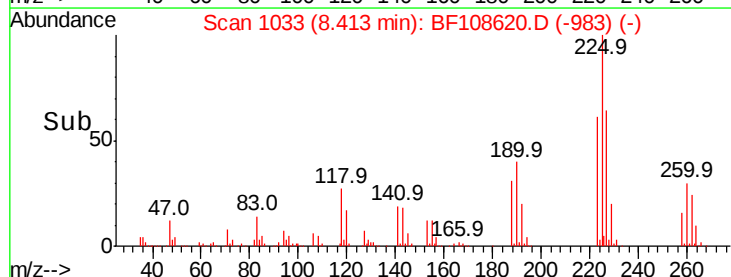


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 30.536 ng

RT: 8.73 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

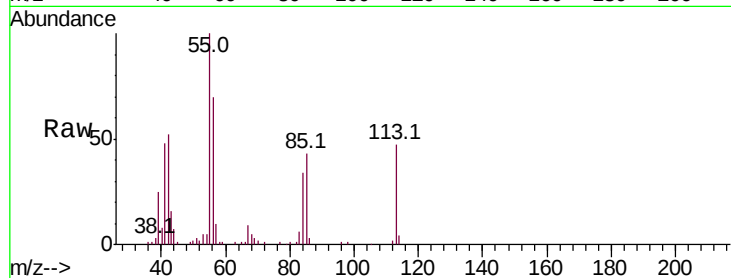
Tot Ion:113 Resp: 59285

Ion Ratio Lower Upper

113 100

55 214.5 163.3 203.3#

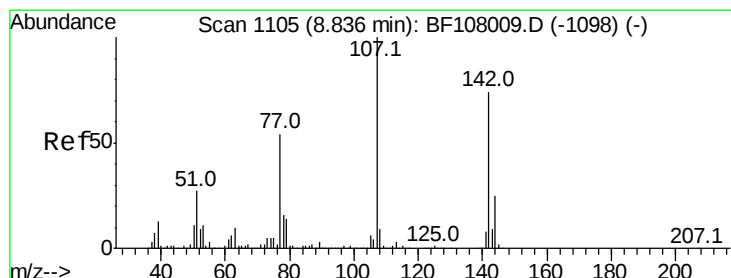
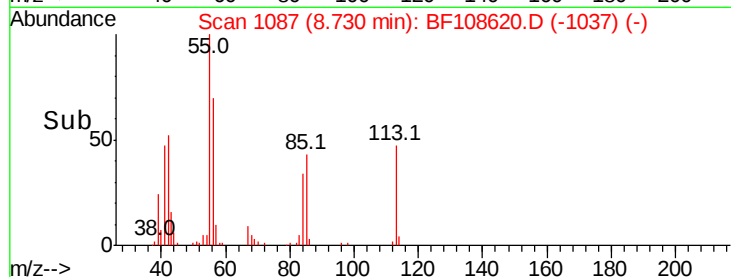
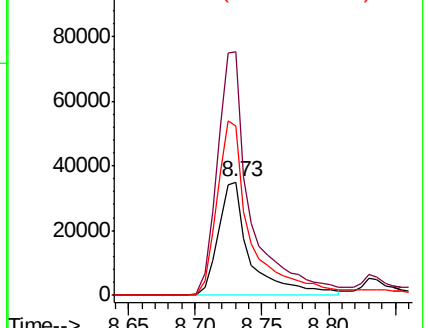
56 149.5 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 37.202 ng

RT: 8.83 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

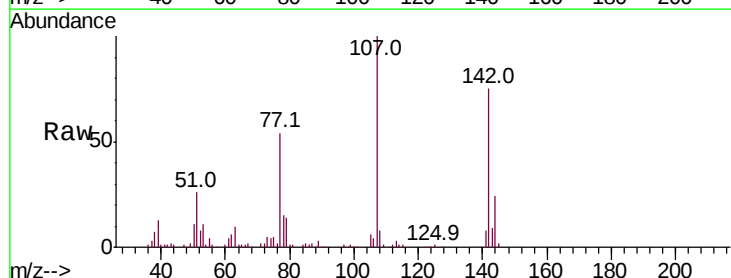
Tgt Ion:107 Resp: 248645

Ion Ratio Lower Upper

107 100

144 24.2 20.5 30.7

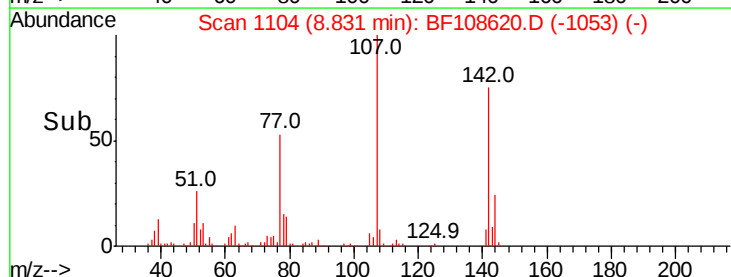
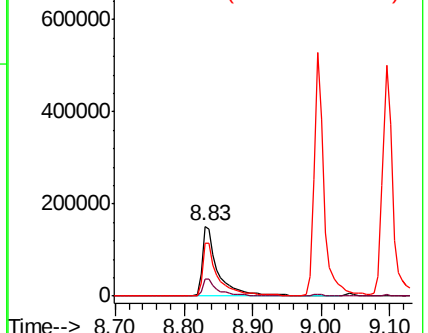
142 74.9 62.0 93.0

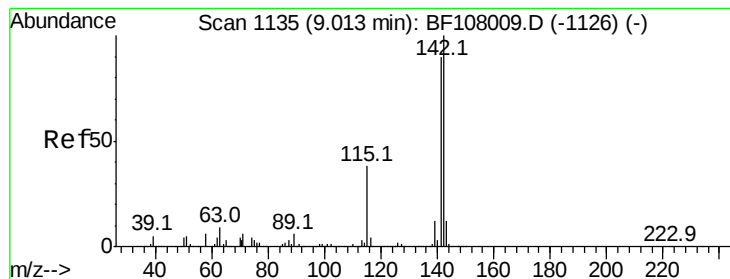


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.077 ng

RT: 9.00 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

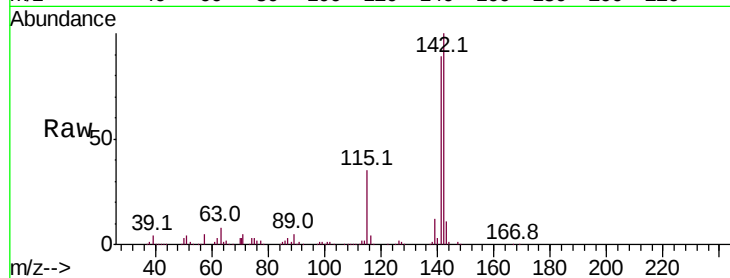
Tot Ion:142 Resp: 544067

Ion Ratio Lower Upper

142 100

141 89.2 70.8 106.2

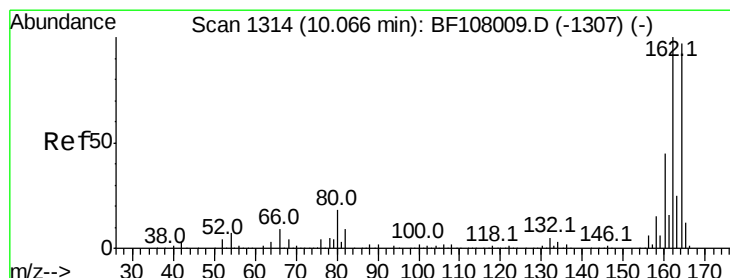
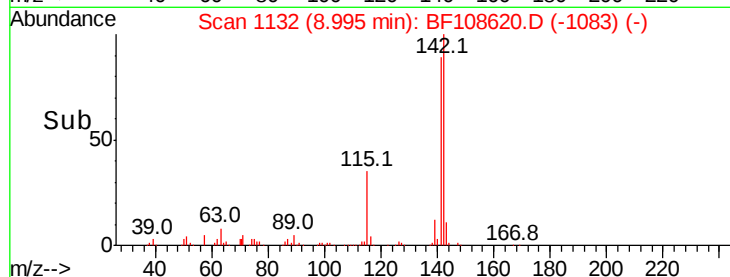
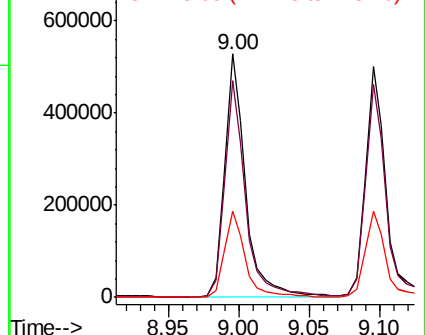
115 35.3 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

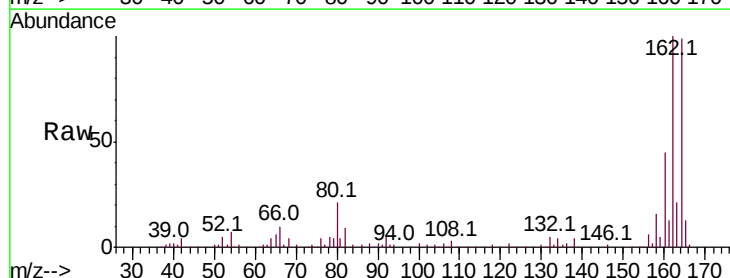
Tgt Ion:164 Resp: 203097

Ion Ratio Lower Upper

164 100

162 101.2 86.1 129.1

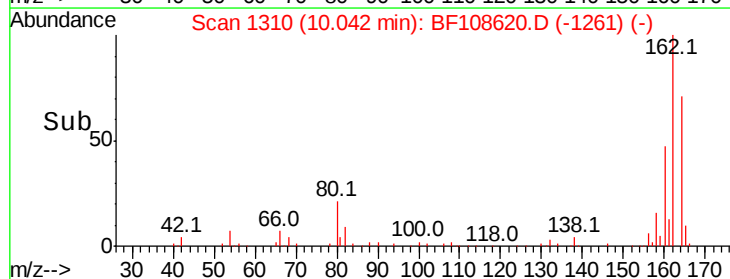
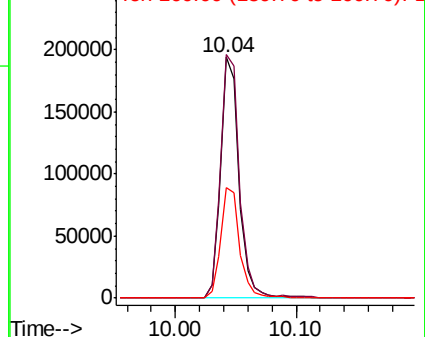
160 46.0 38.3 57.5

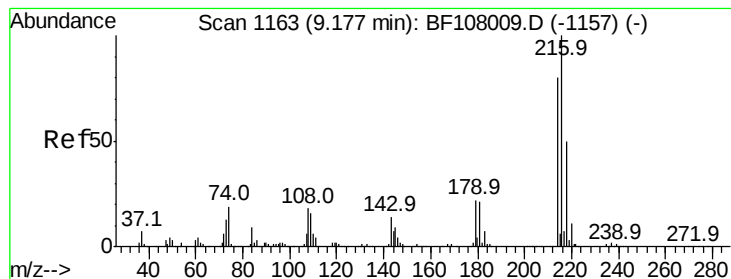


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

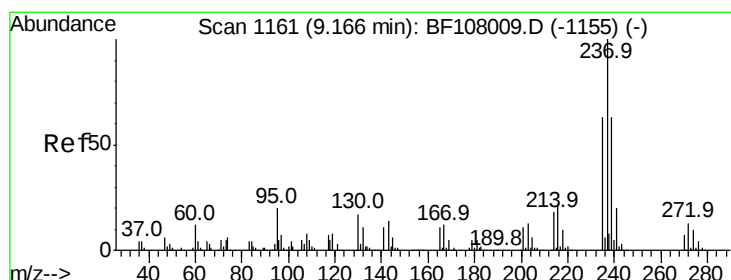
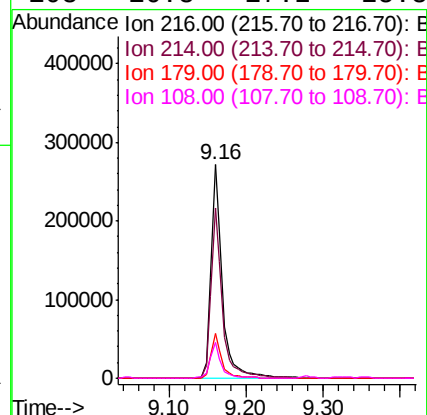
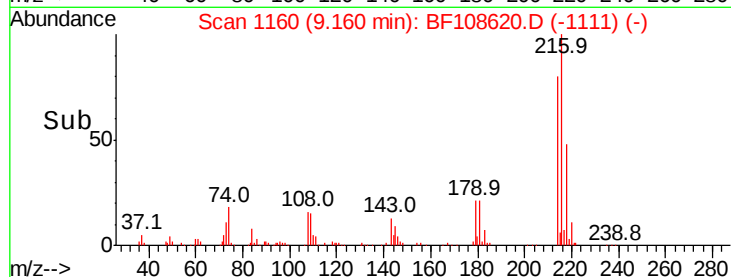
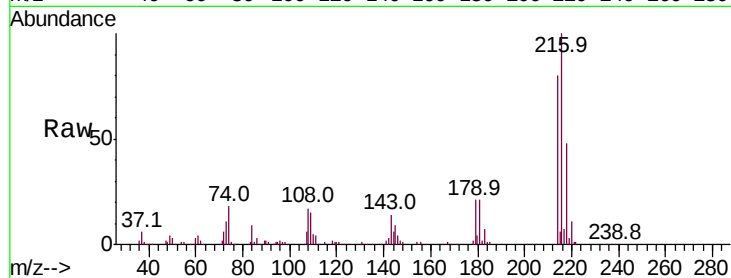




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.548 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF108620.D
 Acq: 29 Aug 2018 23:20

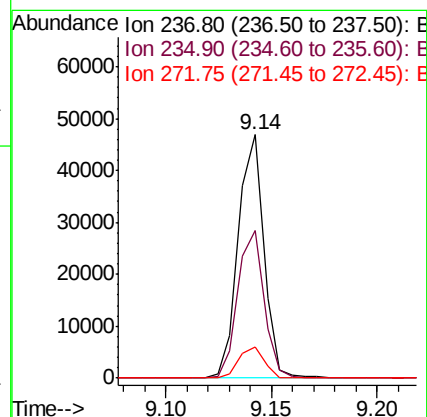
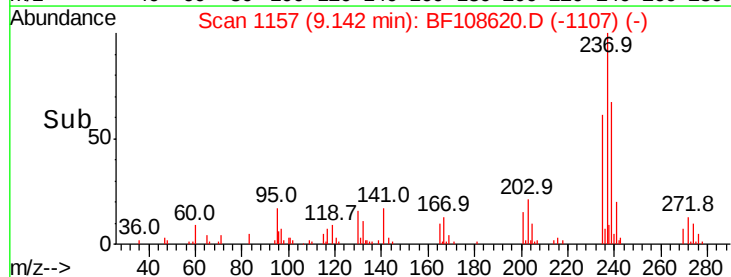
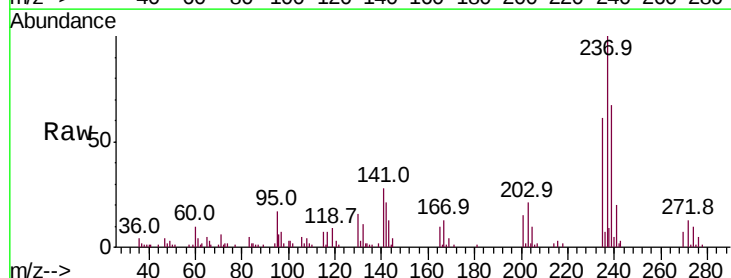
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

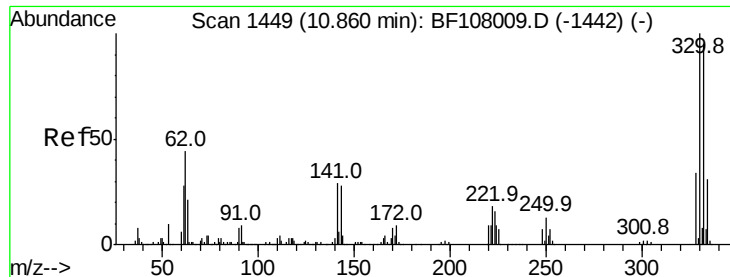
Tot Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.4
179	20.4	18.1	27.1
108	16.8	17.2	25.8#



#40
 Hexachlorocyclopentadiene
 Concen: 9.778 ng
 RT: 9.14 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF108620.D
 Acq: 29 Aug 2018 23:20

Tgt Ion	Ratio	Lower	Upper
237	100		
235	60.7	44.8	84.8
272	12.7	0.0	33.3

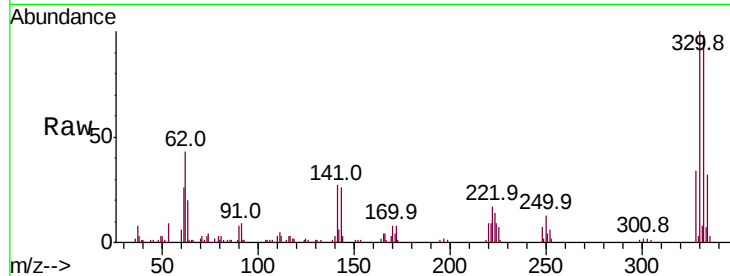




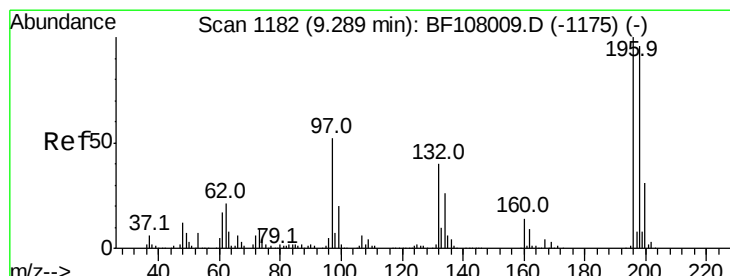
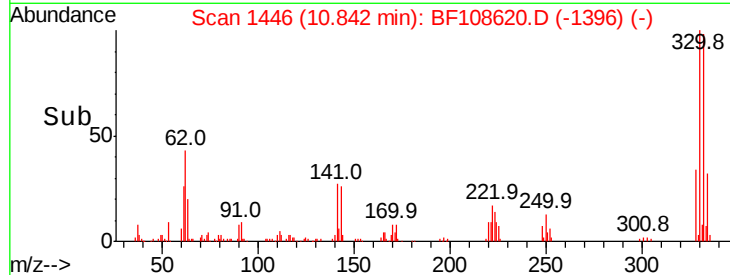
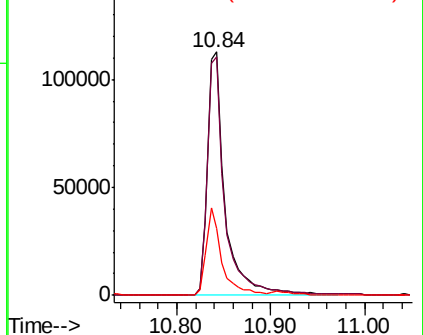
#41
 2,4,6-Tribromophenol
 Concen: 73.853 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108620.D
 Acq: 29 Aug 2018 23:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:330 Resp: 149614
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 31.6 29.9 44.9

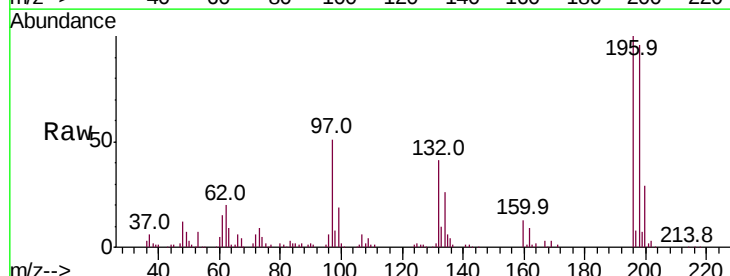


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

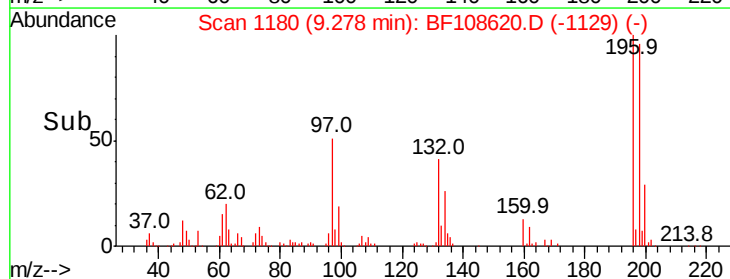
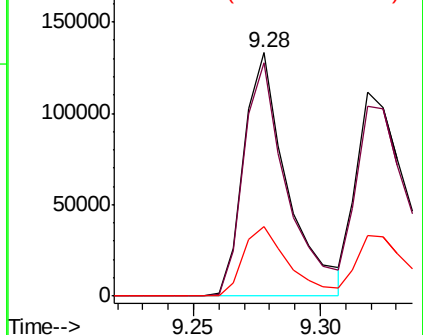


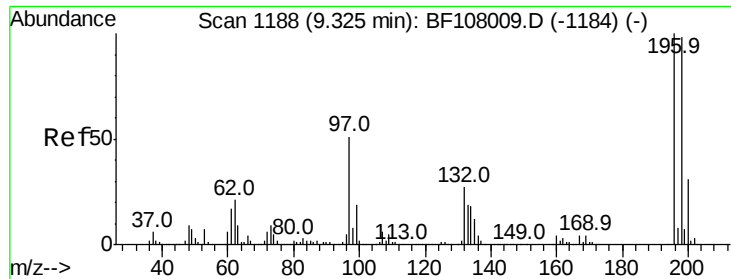
#42
 2,4,6-Trichlorophenol
 Concen: 41.201 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108620.D
 Acq: 29 Aug 2018 23:20

Tgt Ion:196 Resp: 159461
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.7 113.5
 200 28.8 24.5 36.7



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

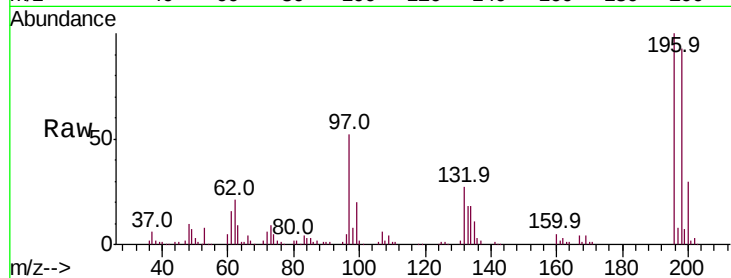




#43
 2,4,5-Trichlorophenol
 Concen: 42.223 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF108620.D
 Acq: 29 Aug 2018 23:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	179890
Ion	Ratio	Lower	Upper
196	100		
198	92.7	74.6	112.0
97	52.2	42.9	64.3
132	27.5	26.3	39.5



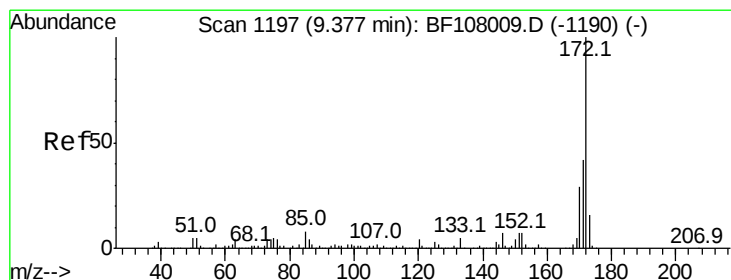
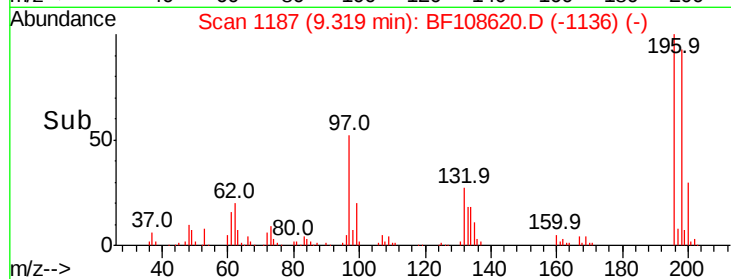
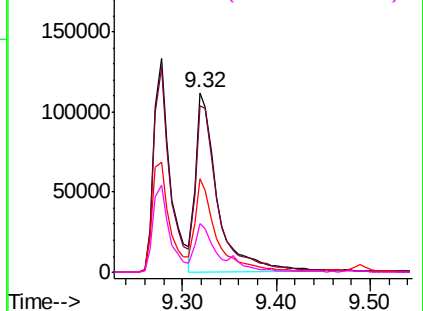
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

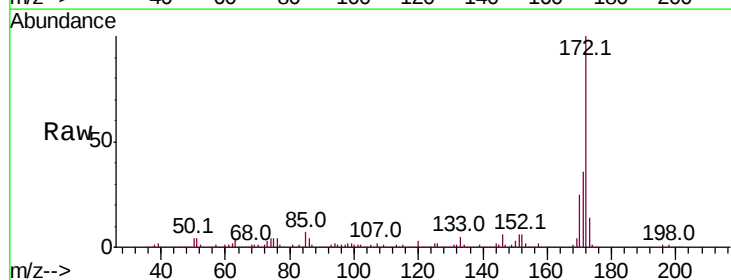
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.920 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108620.D
 Acq: 29 Aug 2018 23:20

Tgt Ion:	172	Resp:	1188115
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.5	19.6	29.4

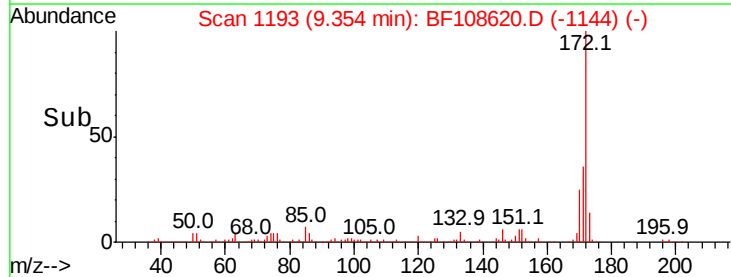
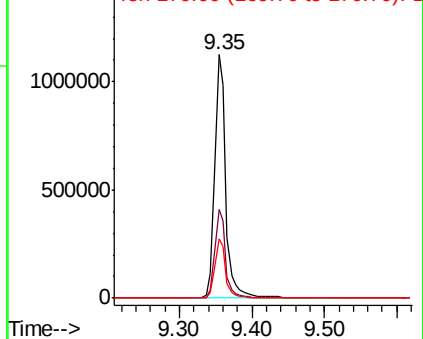


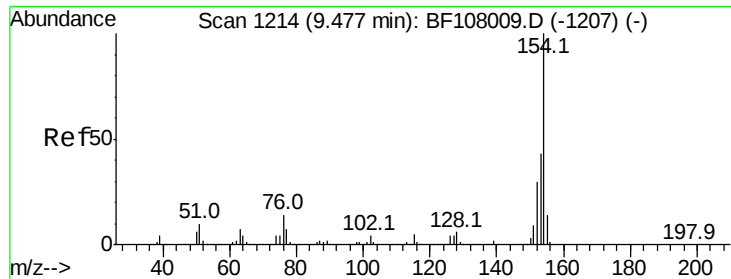
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

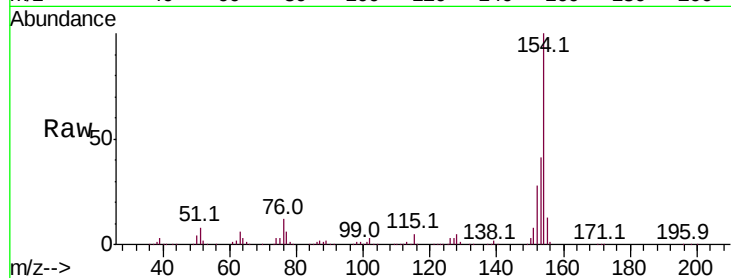




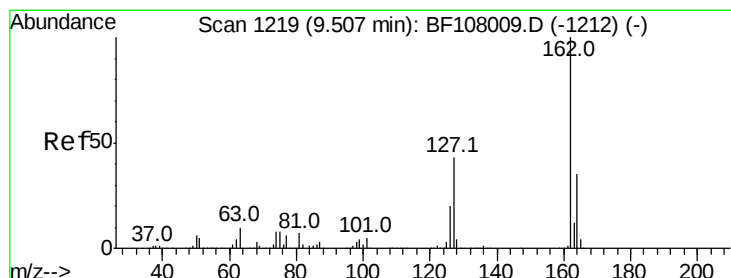
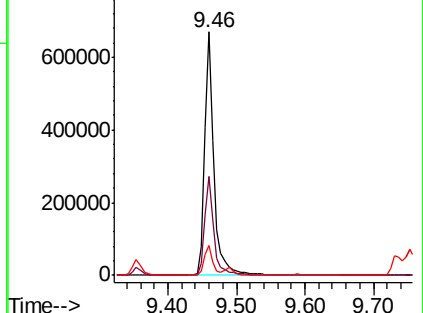
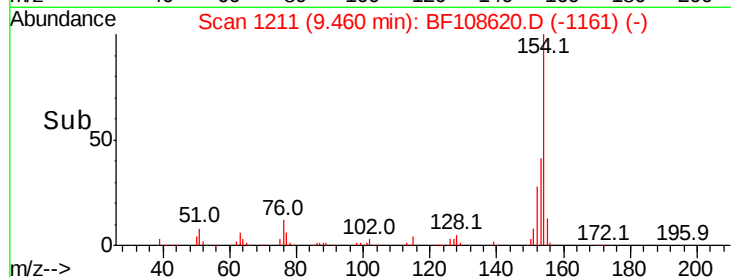
#45
 1,1'-Biphenyl
 Concen: 43.869 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF108620.D
 Acq: 29 Aug 2018 23:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	12.1	0.0	34.0

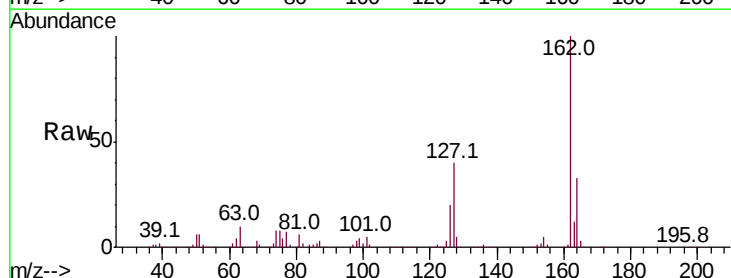


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

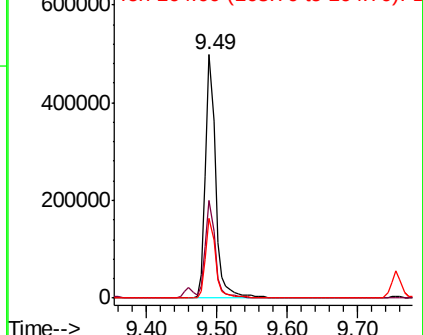
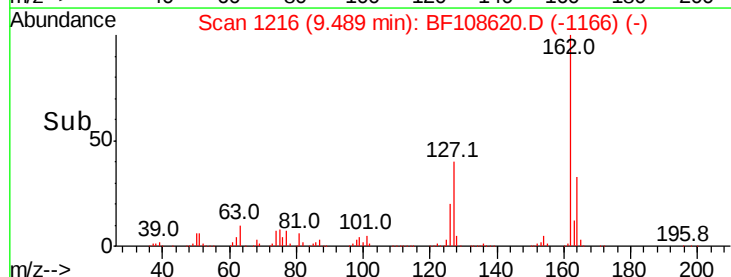


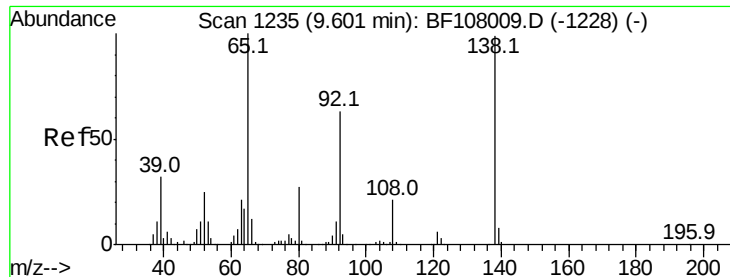
#46
 2-Chloronaphthalene
 Concen: 42.441 ng
 RT: 9.49 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF108620.D
 Acq: 29 Aug 2018 23:20

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	33.9	50.9
164	33.0	26.5	39.7



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





#47

2-Nitroaniline

Concen: 42.340 ng

RT: 9.59 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

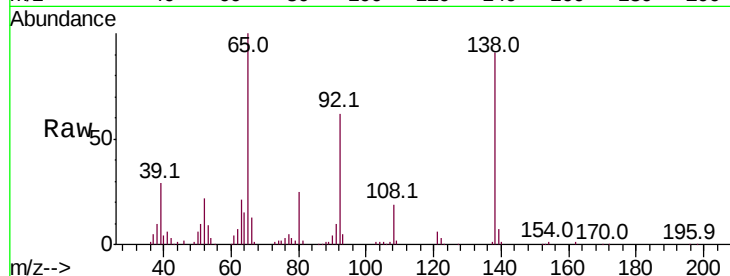
Tot Ion: 65 Resp: 162139

Ion Ratio Lower Upper

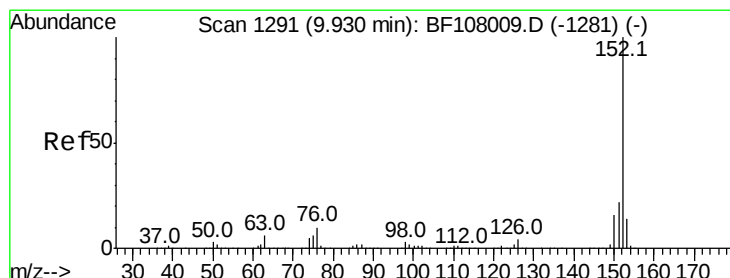
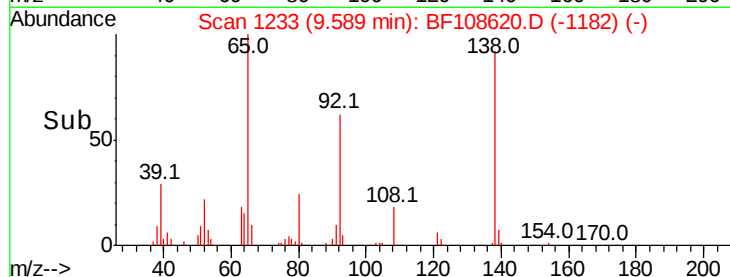
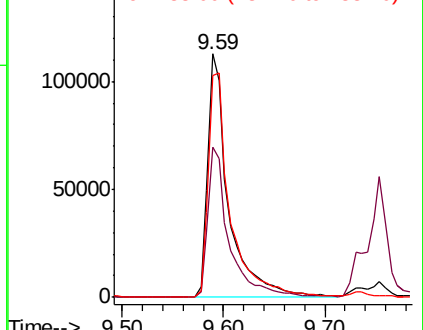
65 100

92 61.8 55.8 83.6

138 91.2 91.2 136.8



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): BF1



#48

Acenaphthylene

Concen: 41.064 ng

RT: 9.91 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

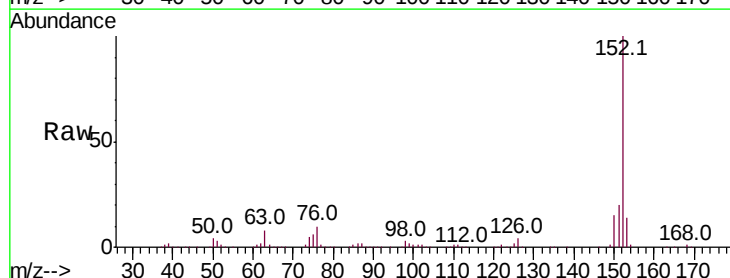
Tgt Ion: 152 Resp: 768328

Ion Ratio Lower Upper

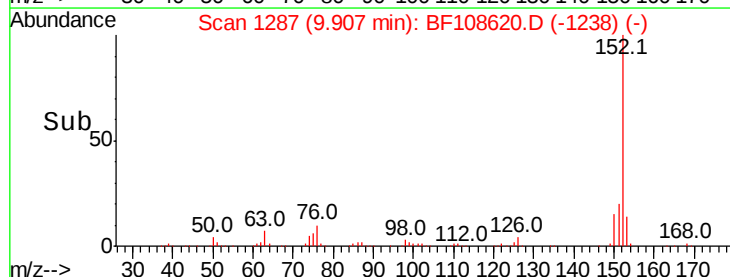
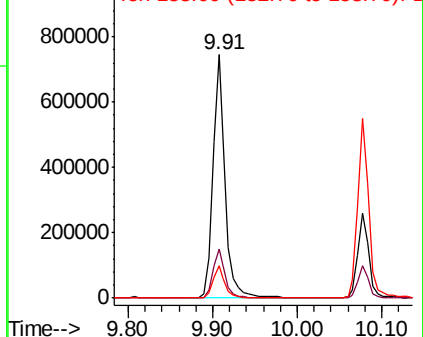
152 100

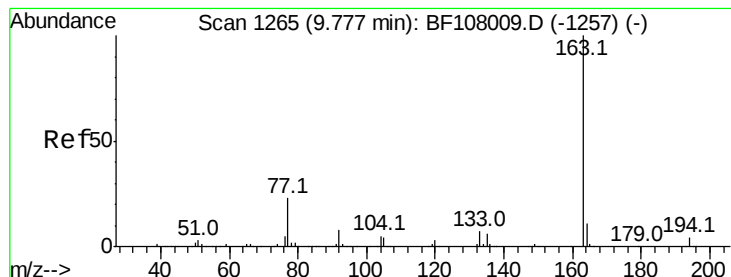
151 20.1 16.3 24.5

153 13.6 10.7 16.1



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





#49

Dimethylphthalate

Concen: 41.101 ng

RT: 9.75 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

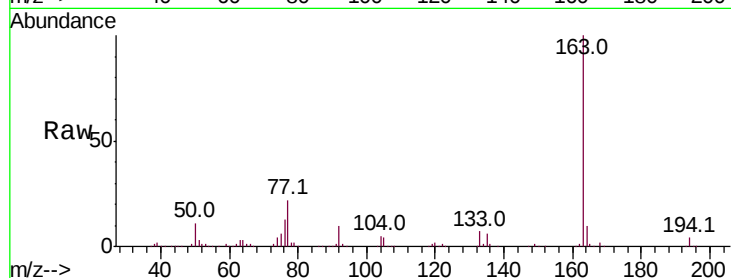
Tot Ion:163 Resp: 581466

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

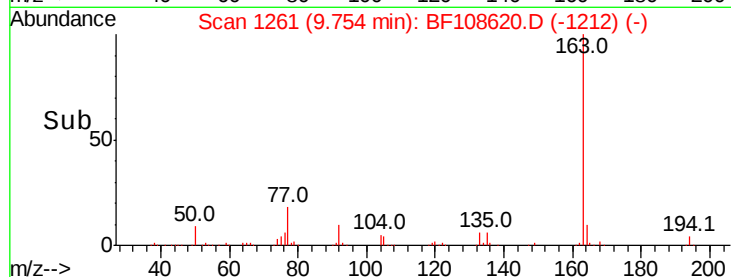
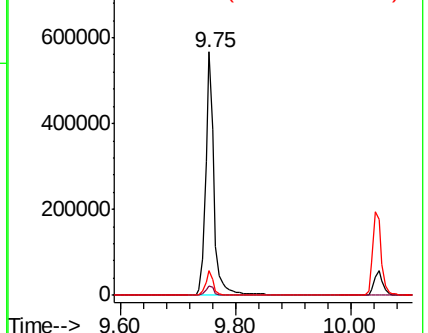
164 10.1 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 41.294 ng

RT: 9.82 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

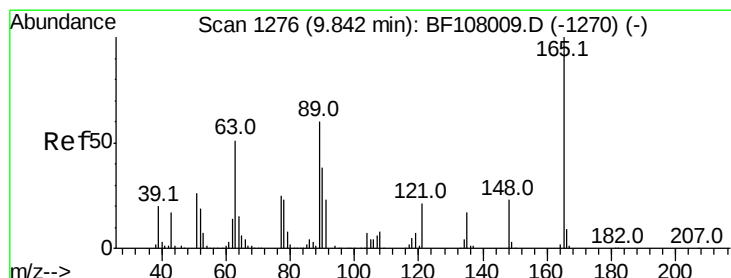
Tgt Ion:165 Resp: 122228

Ion Ratio Lower Upper

165 100

63 69.2 44.7 67.1#

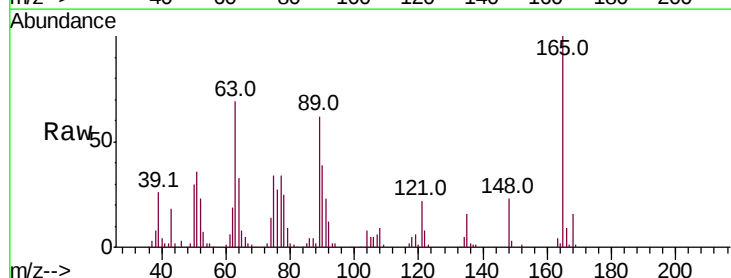
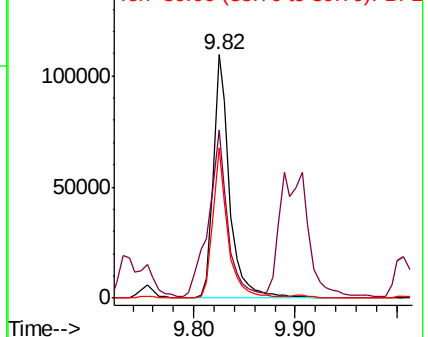
89 61.7 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 39.265 ng

RT: 10.08 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

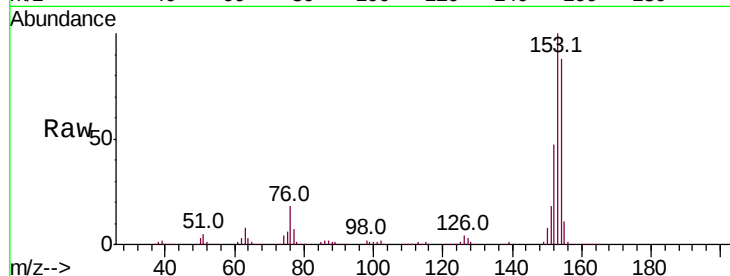
Tot Ion:154 Resp: 449981

Ion Ratio Lower Upper

154 100

153 114.2 91.2 136.8

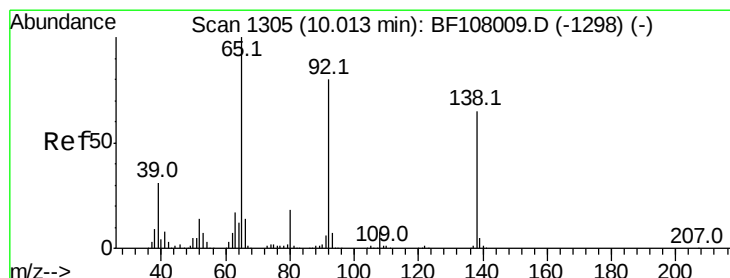
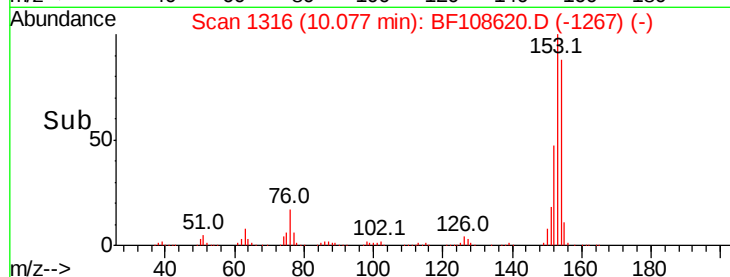
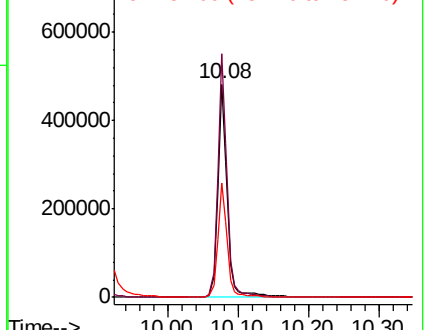
152 53.8 43.8 65.8



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



#52

3-Nitroaniline

Concen: 38.106 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

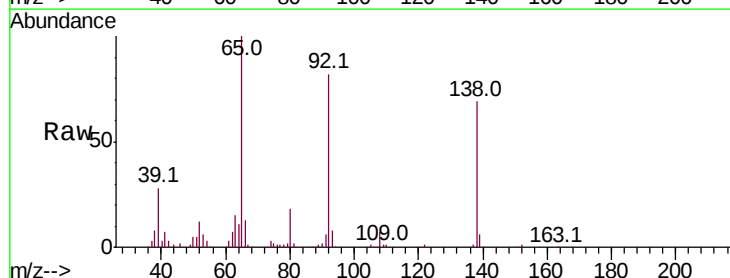
Tgt Ion:138 Resp: 123408

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

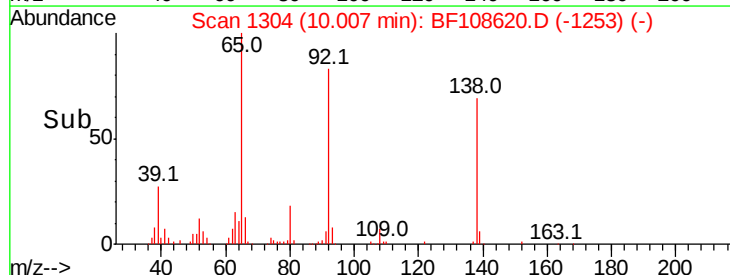
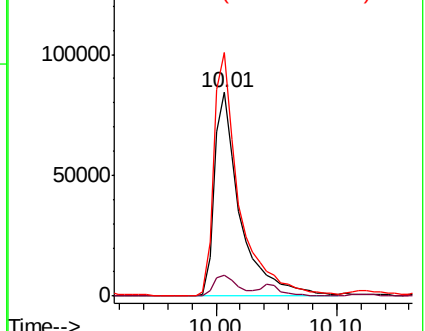
92 119.5 89.4 134.2

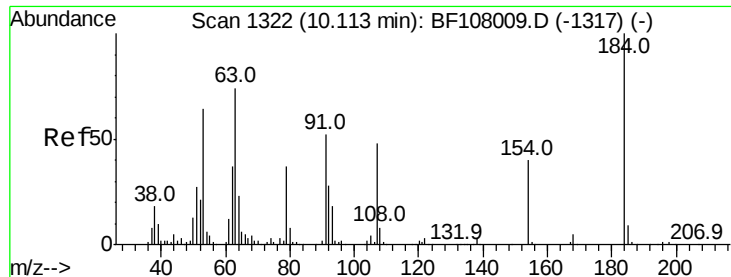


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

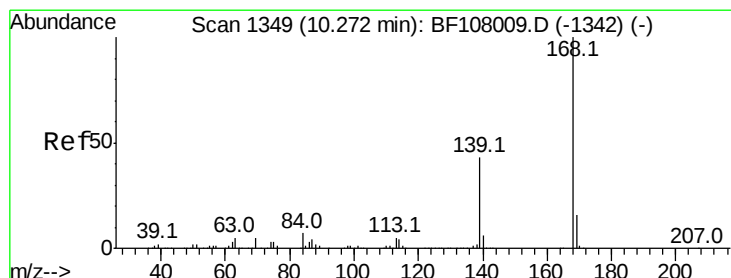
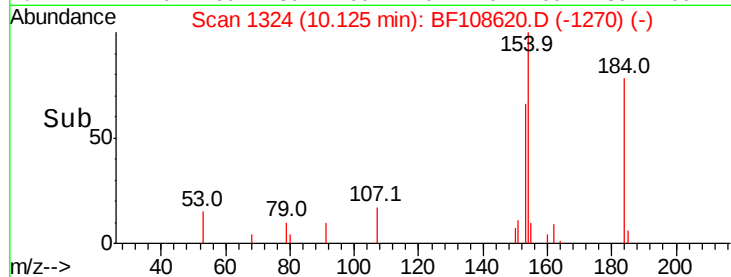
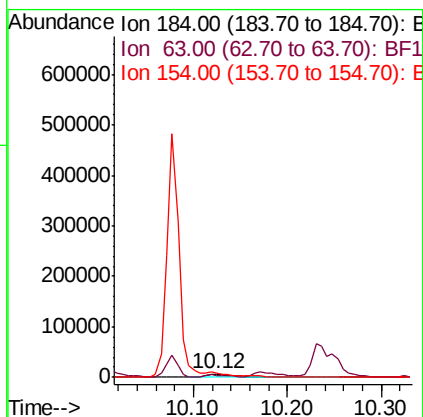
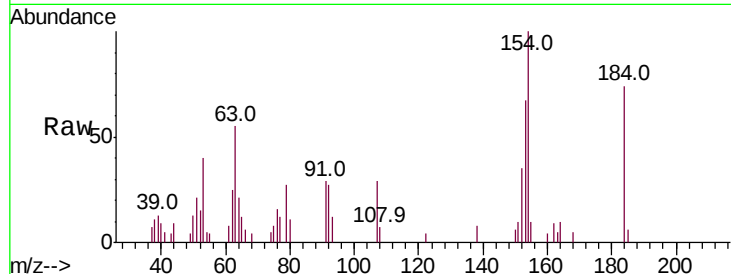




#53
 2,4-Dinitrophenol
 Concen: 19.607 ng
 RT: 10.12 min Scan# 1324
 Delta R.T. 0.02 min
 Lab File: BF108620.D
 Acq: 29 Aug 2018 23:20

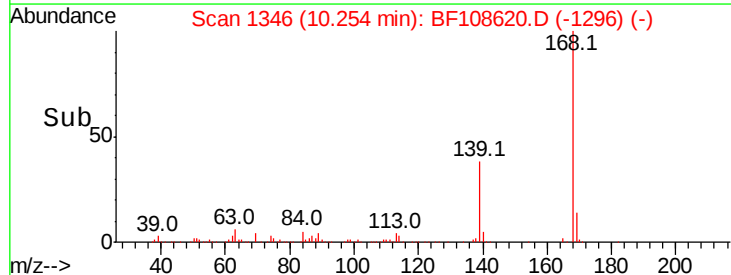
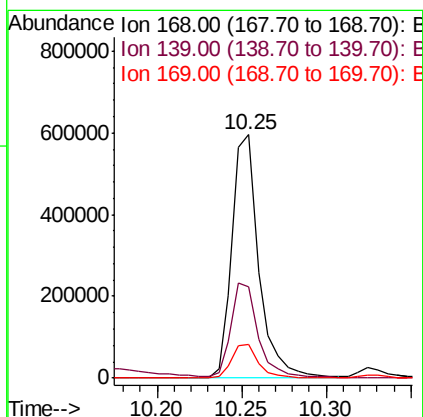
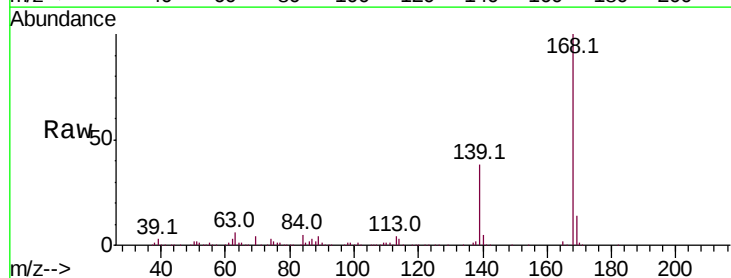
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

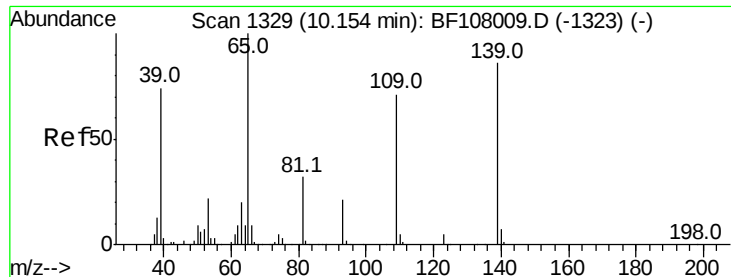
Tot Ion:184 Resp: 15283
 Ion Ratio Lower Upper
 184 100
 63 75.2 54.2 81.2
 154 135.9 184.0 276.0#



#54
 Dibenzofuran
 Concen: 39.872 ng
 RT: 10.25 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF108620.D
 Acq: 29 Aug 2018 23:20

Tgt Ion:168 Resp: 662004
 Ion Ratio Lower Upper
 168 100
 139 37.8 30.1 45.1
 169 14.0 10.9 16.3

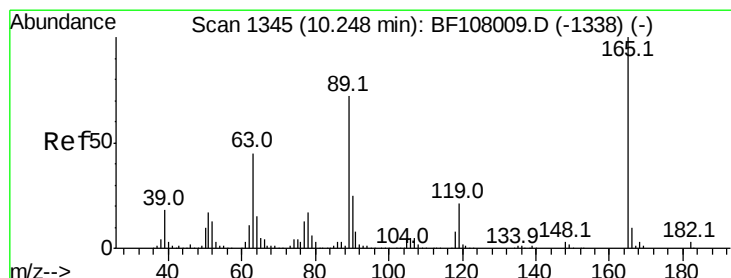
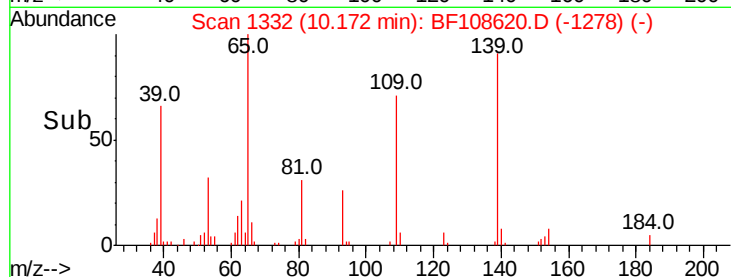
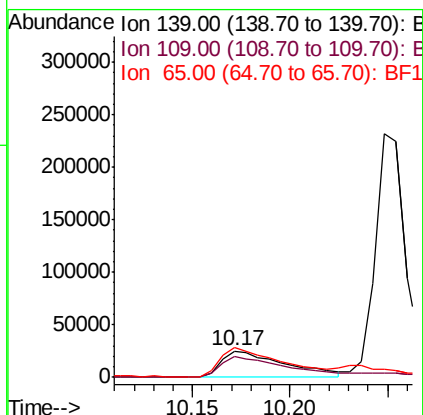
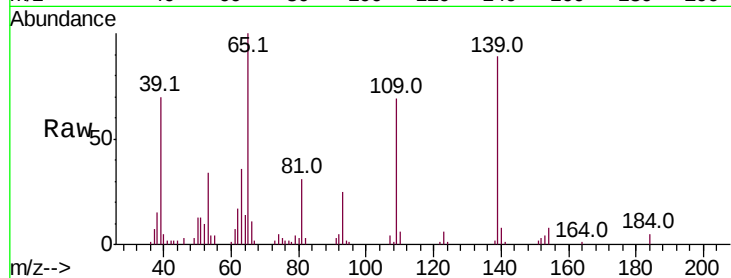




#55
4-Nitrophenol
Concen: 23.112 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

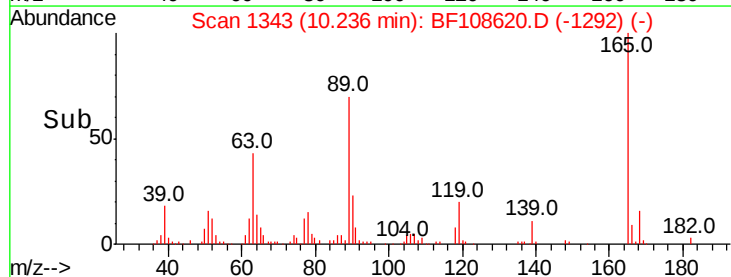
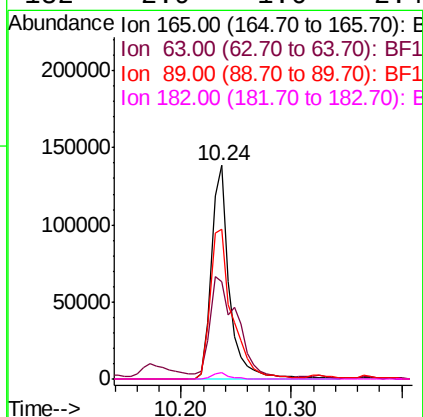
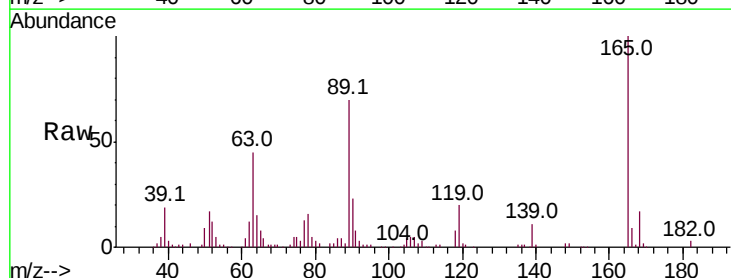
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

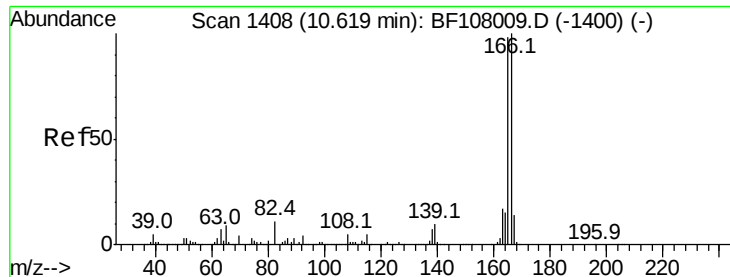
Tot Ion:139 Resp: 56678
Ion Ratio Lower Upper
139 100
109 77.5 48.4 88.4
65 111.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 40.404 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

Tgt Ion:165 Resp: 153939
Ion Ratio Lower Upper
165 100
63 45.4 36.4 54.6
89 69.9 57.8 86.6
182 2.9 1.6 2.4#





#57

Fluorene

Concen: 38.921 ng

RT: 10.60 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

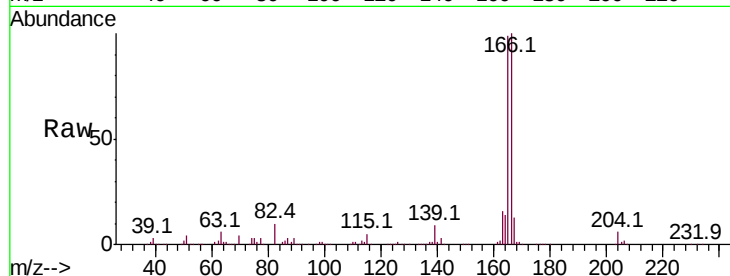
Tot Ion:166 Resp: 511556

Ion Ratio Lower Upper

166 100

165 98.7 79.8 119.8

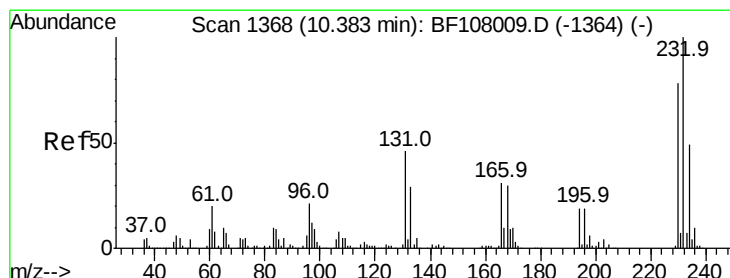
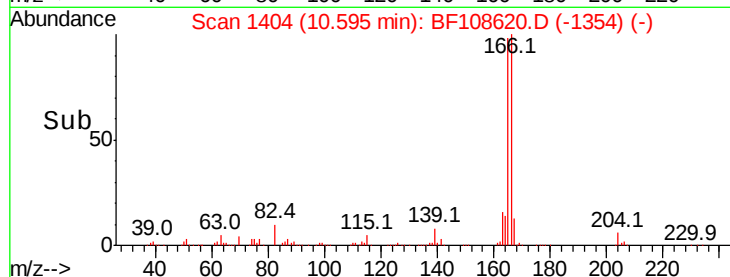
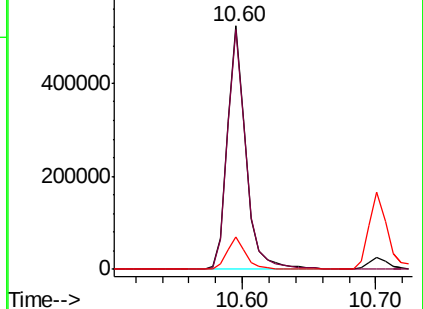
167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.405 ng

RT: 10.37 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

Tgt Ion:232 Resp: 140322

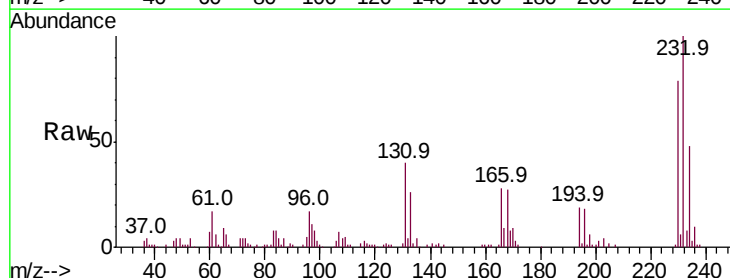
Ion Ratio Lower Upper

232 100

131 36.4 43.8 65.8#

130 1.9 2.1 3.1#

166 25.5 27.8 41.6#

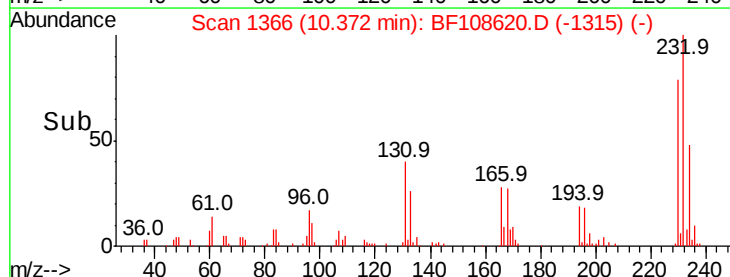
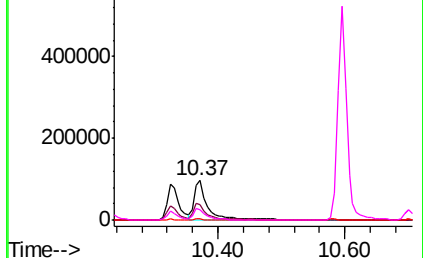


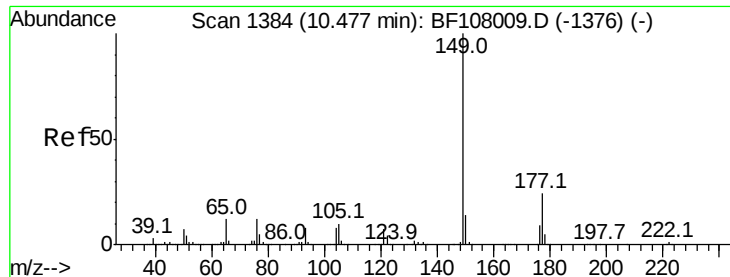
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

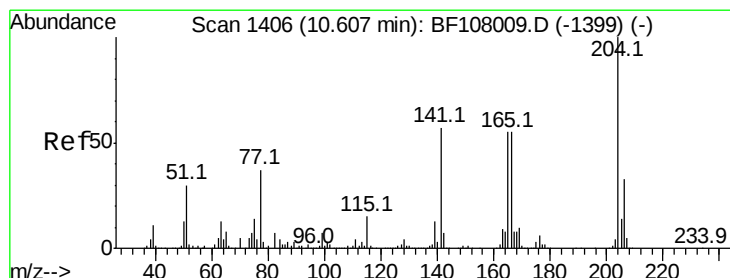
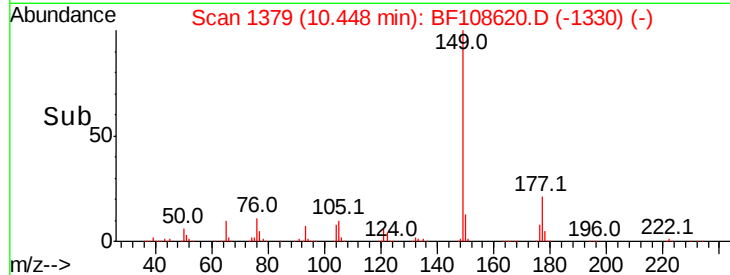
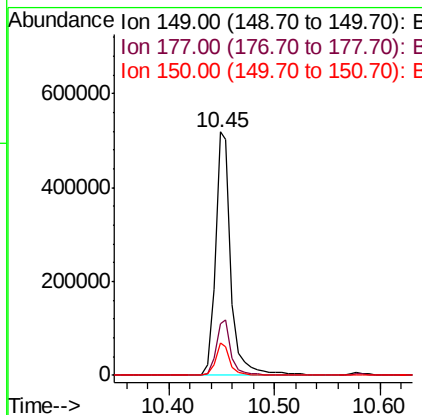
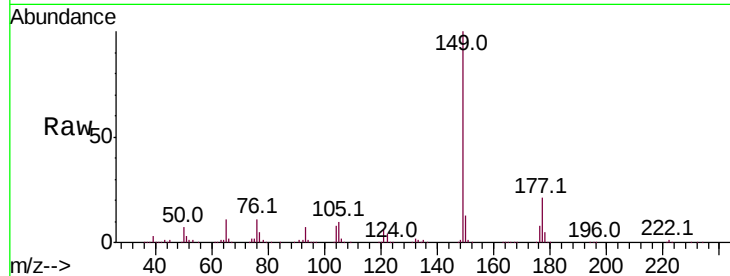




#59
 Diethylphthalate
 Concen: 39.507 ng
 RT: 10.45 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BF108620.D
 Acq: 29 Aug 2018 23:20

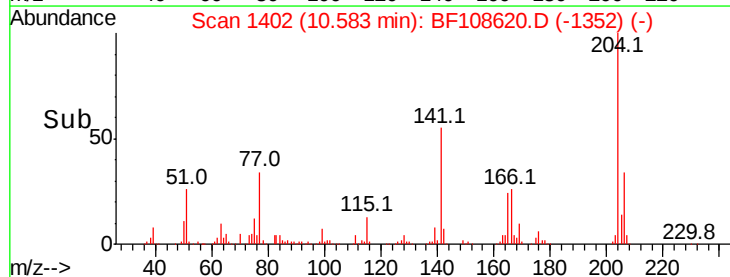
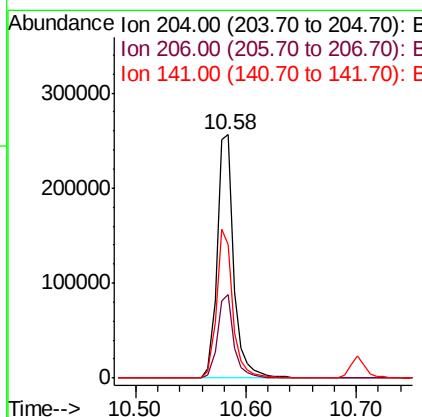
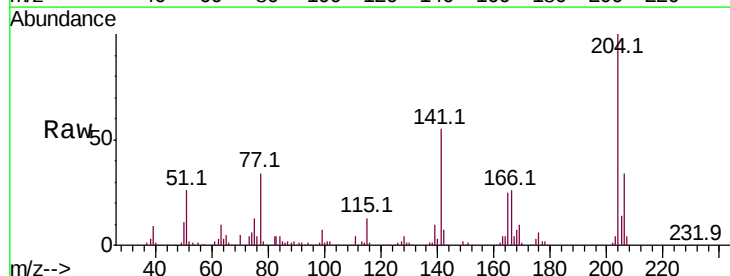
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	149	Resp:	541216
Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.1	24.1
150	13.1	10.1	15.1



#60
 4-Chlorophenyl-phenylether
 Concen: 39.246 ng
 RT: 10.58 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF108620.D
 Acq: 29 Aug 2018 23:20

Tgt Ion:	204	Resp:	268781
Ion	Ratio	Lower	Upper
204	100		
206	34.2	26.5	39.7
141	55.1	54.6	81.8

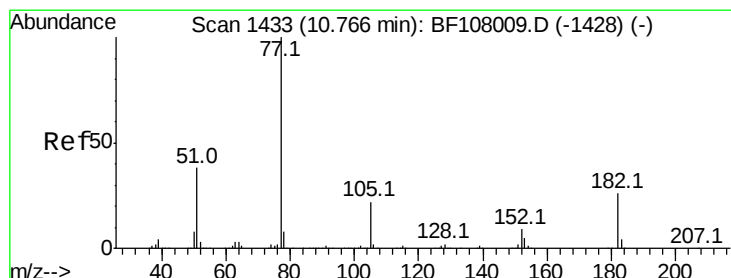
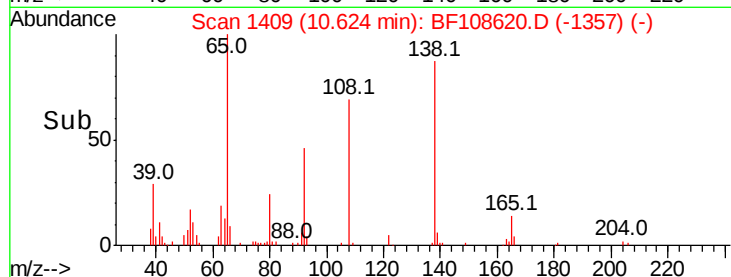
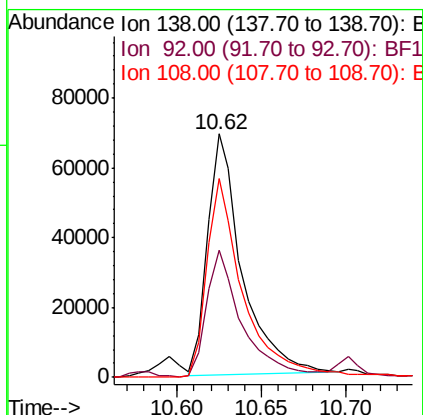
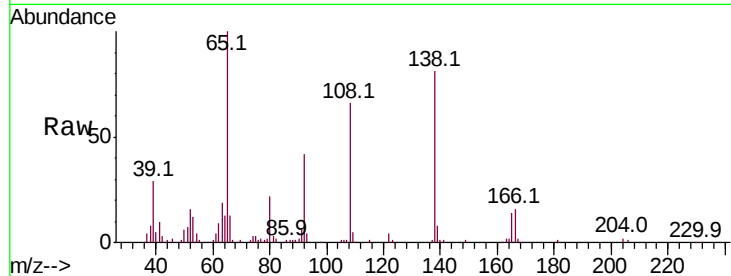




#61
4-Nitroaniline
Concen: 30.746 ng
RT: 10.62 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

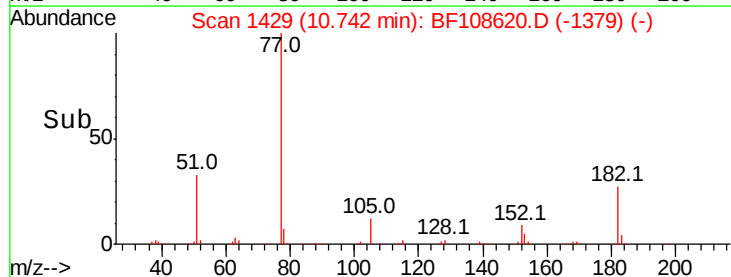
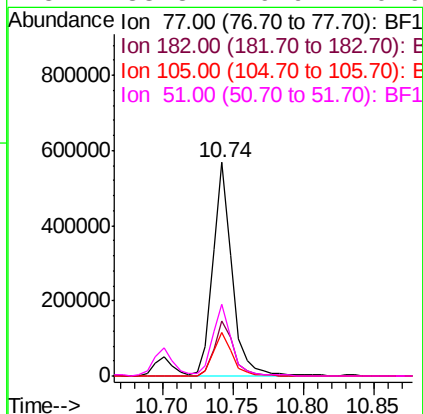
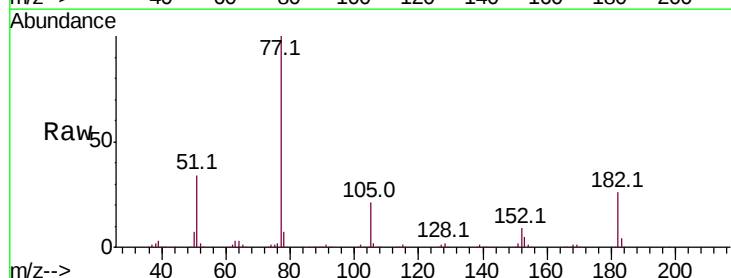
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

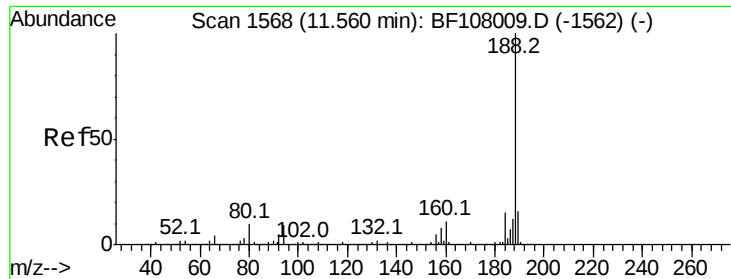
Tot Ion:138 Resp: 98444
Ion Ratio Lower Upper
138 100
92 52.1 30.2 70.2
108 81.4 52.5 92.5



#62
Azobenzene
Concen: 37.227 ng
RT: 10.74 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

Tgt Ion: 77 Resp: 526682
Ion Ratio Lower Upper
77 100
182 26.0 1.7 41.7
105 20.6 3.0 43.0
51 33.8 9.9 49.9

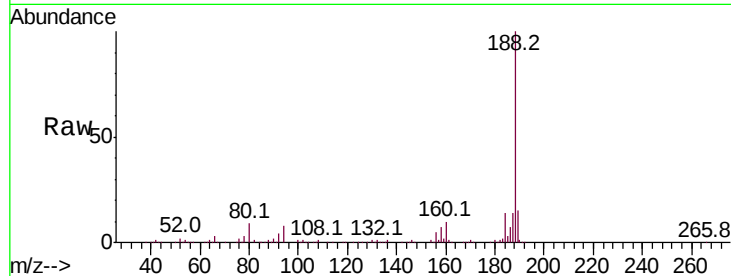




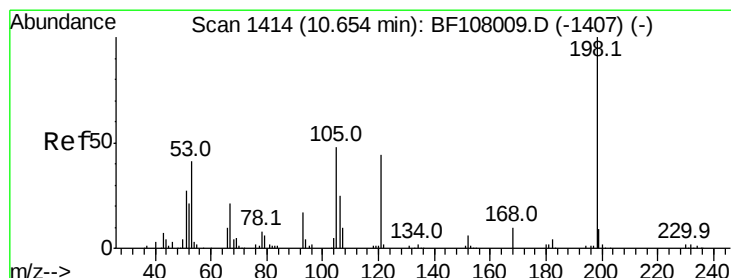
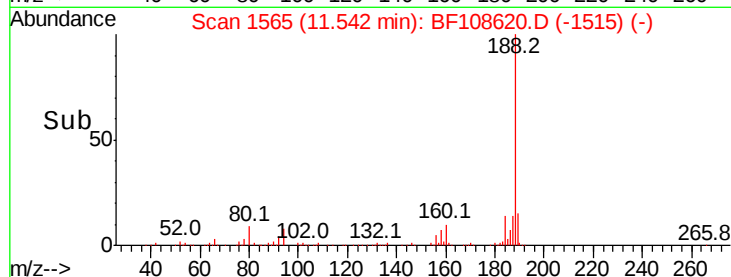
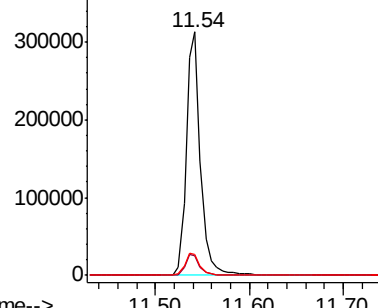
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 334248
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 8.6 9.2 13.8#

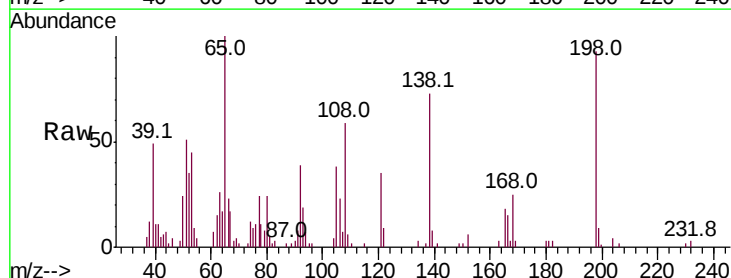


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

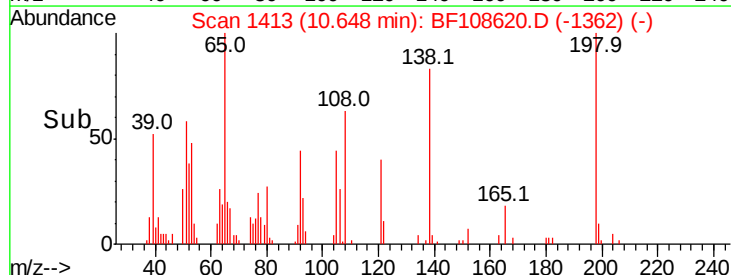
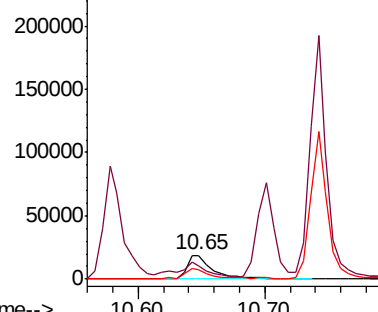


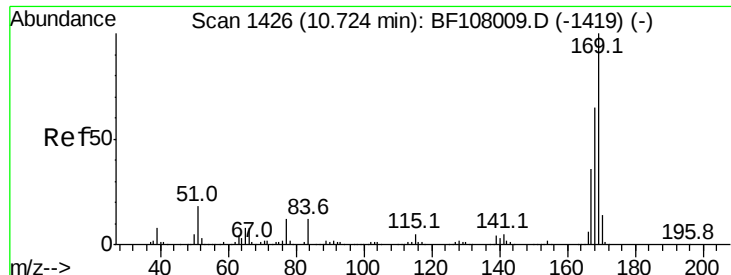
#64
4,6-Dinitro-2-methylphenol
Concen: 24.453 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

Tgt Ion:198 Resp: 26972
Ion Ratio Lower Upper
198 100
51 55.1 37.7 77.7
105 41.4 36.3 76.3



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

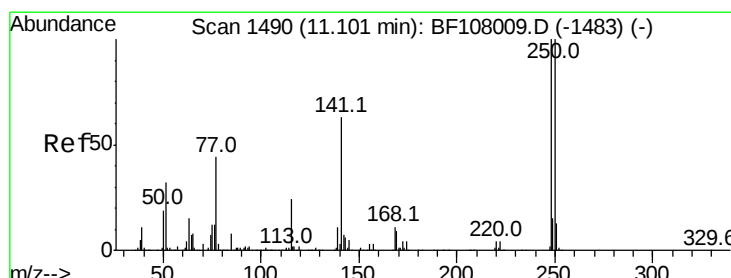
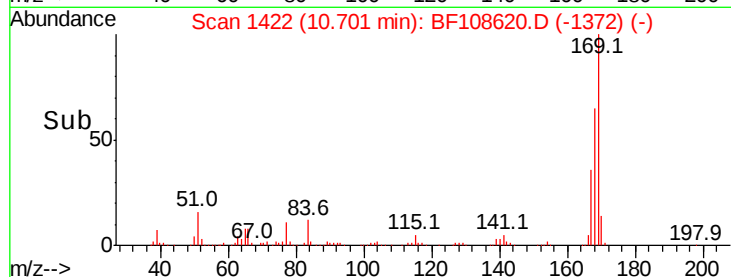
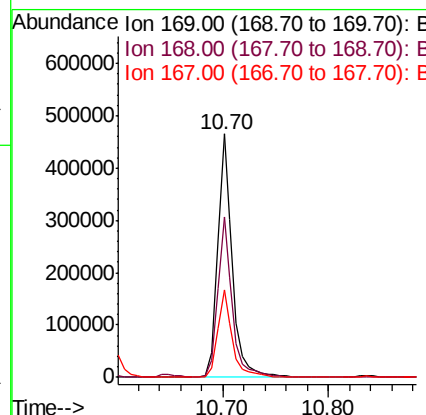
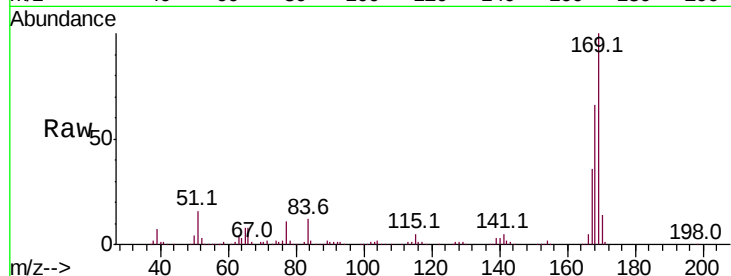




#65
n-Nitrosodiphenylamine
Concen: 46.089 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

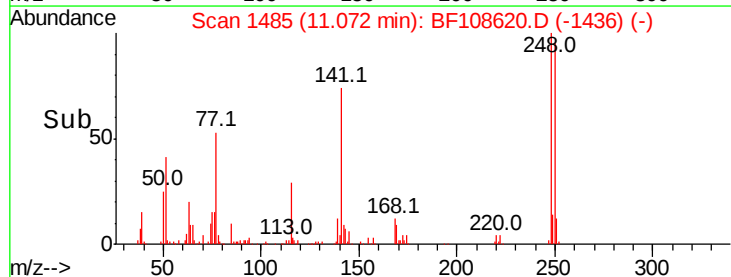
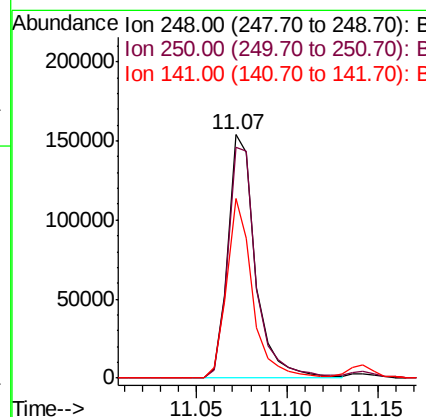
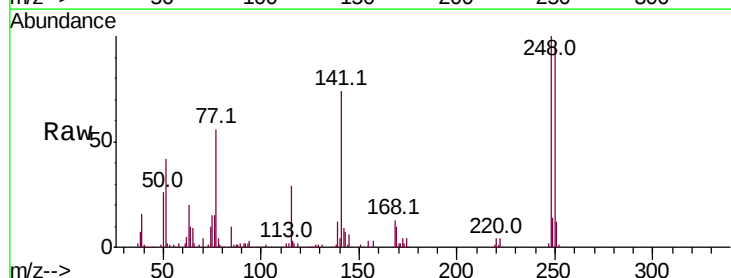
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.9	54.4	81.6
167	35.7	29.8	44.6



#66
4-Bromophenyl-phenylether
Concen: 45.039 ng
RT: 11.07 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.9	76.9	115.3
141	73.6	74.4	111.6#

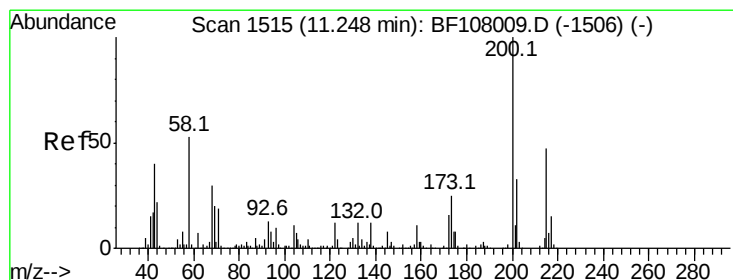
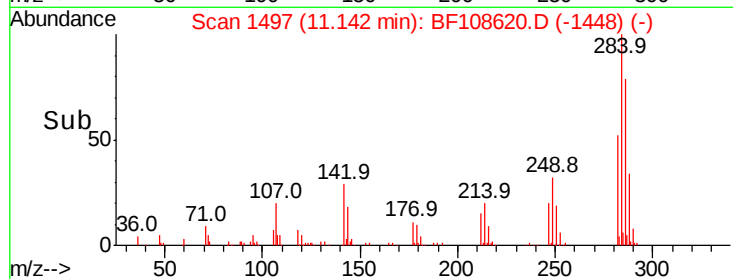
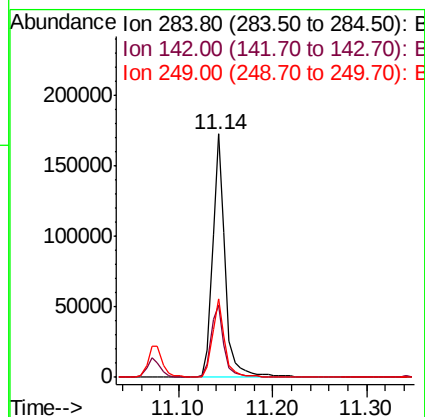
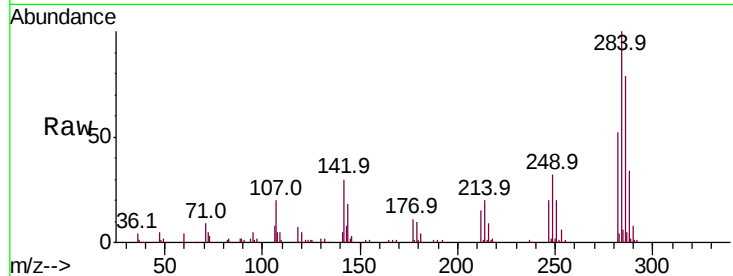




#67
Hexachlorobenzene
Concen: 42.627 ng
RT: 11.14 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

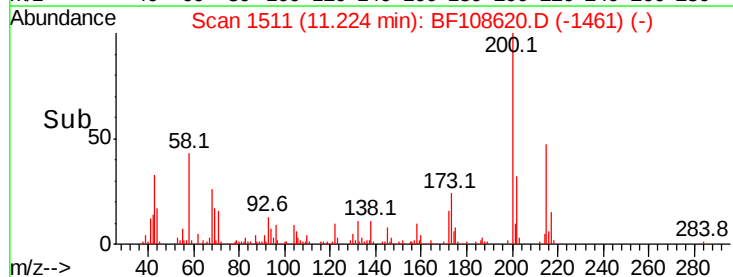
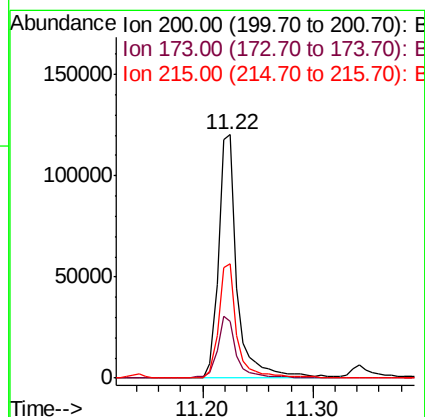
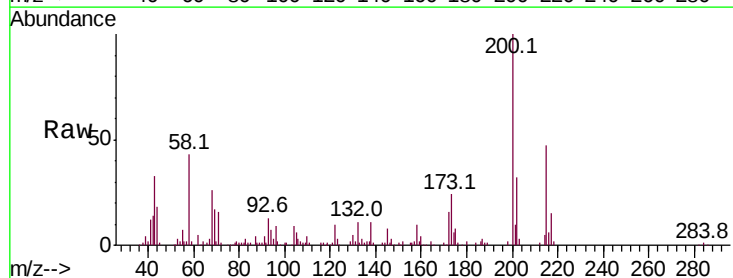
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.8	34.6	52.0#
249	32.4	24.8	37.2



#68
Atrazine
Concen: 42.550 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.5	8.6	48.6
215	46.7	25.1	65.1

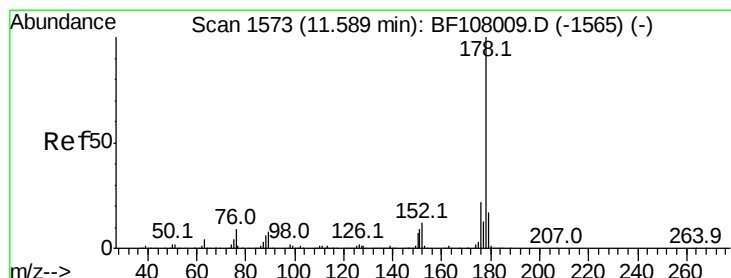
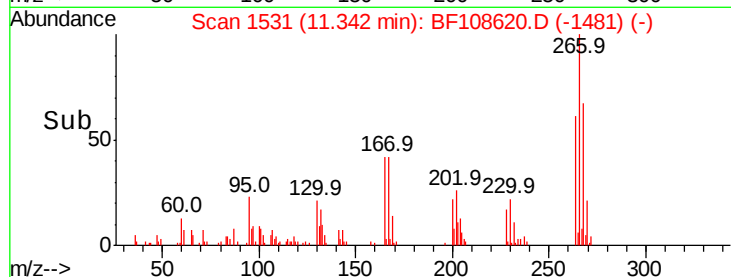
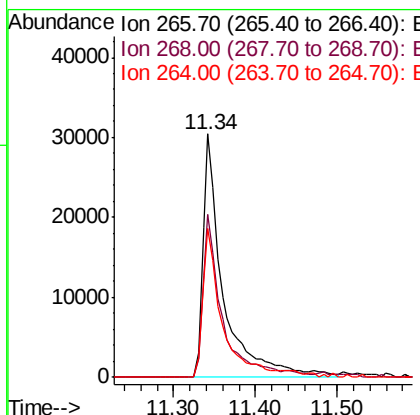
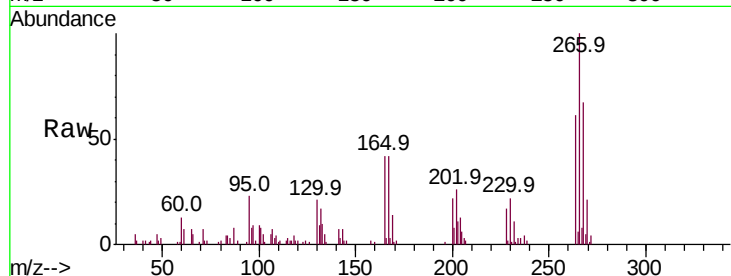




#69
 Pentachlorophenol
 Concen: 28.849 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108620.D
 Acq: 29 Aug 2018 23:20

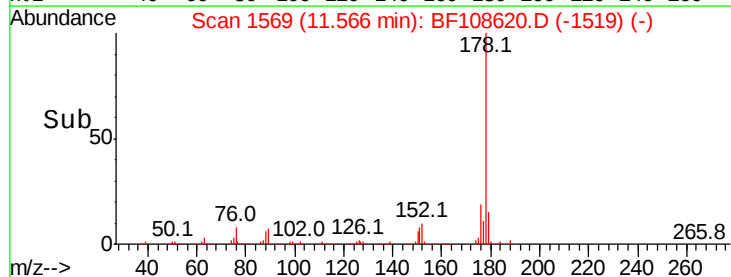
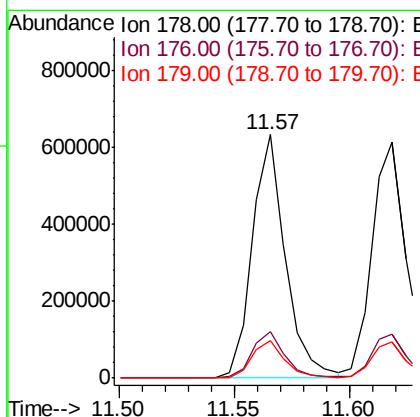
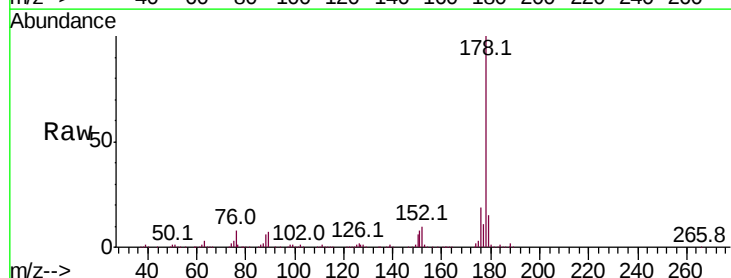
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

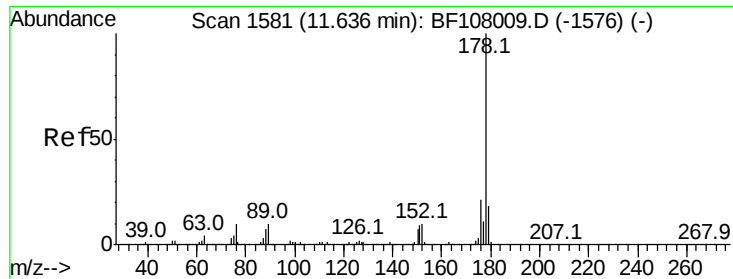
Tot Ion:266 Resp: 52773
 Ion Ratio Lower Upper
 266 100
 268 67.0 51.1 76.7
 264 61.4 49.5 74.3



#70
 Phenanthrene
 Concen: 40.323 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108620.D
 Acq: 29 Aug 2018 23:20

Tgt Ion:178 Resp: 635699
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.2 13.0 19.6

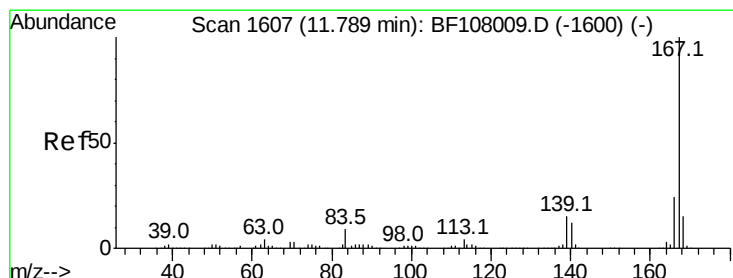
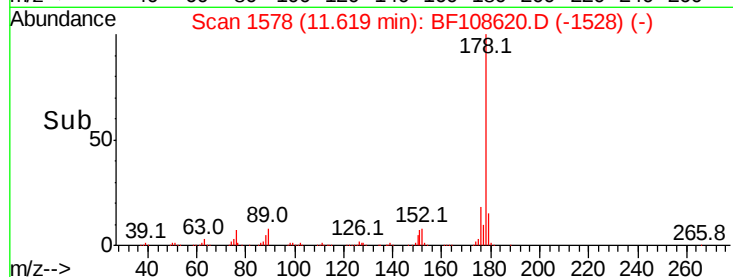
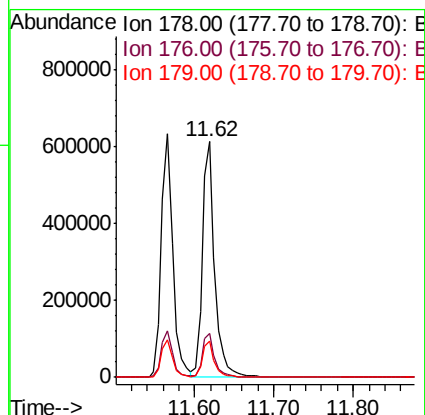
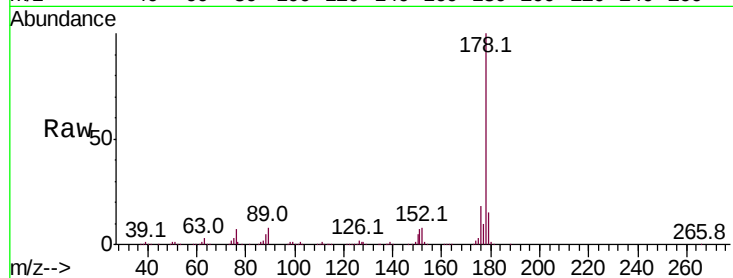




#71
 Anthracene
 Concen: 41.783 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108620.D
 Acq: 29 Aug 2018 23:20

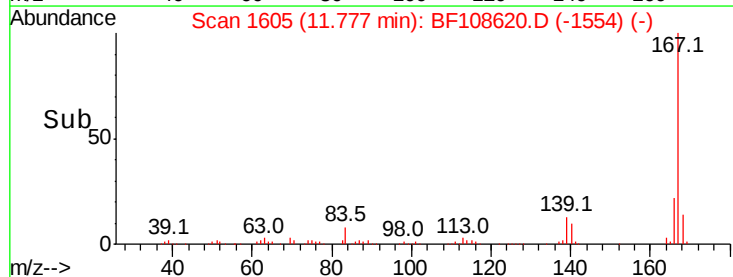
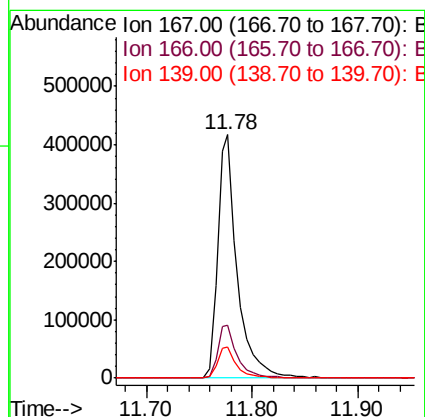
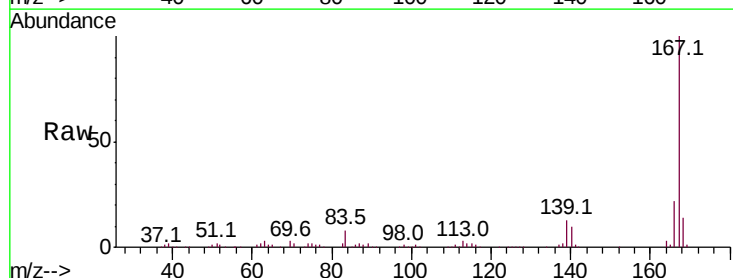
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 675144
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.2
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 37.715 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF108620.D
 Acq: 29 Aug 2018 23:20

Tgt Ion:167 Resp: 541439
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 13.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 44.004 ng

RT: 12.08 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

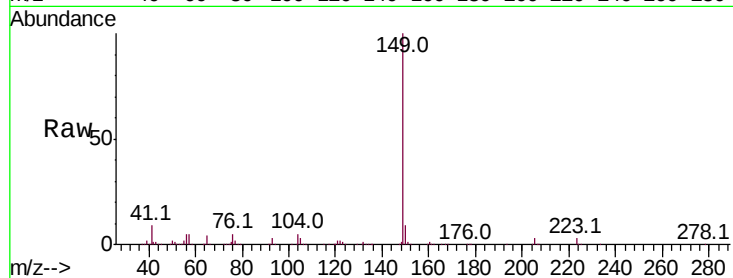
Tot Ion:149 Resp: 715554

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

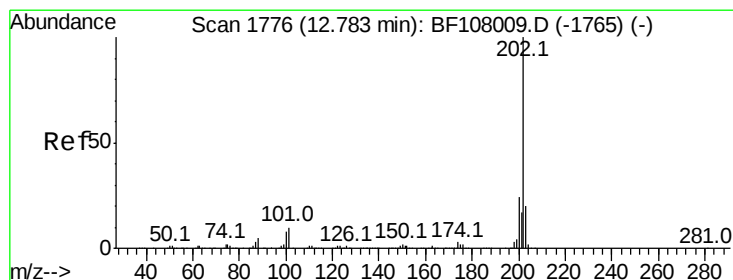
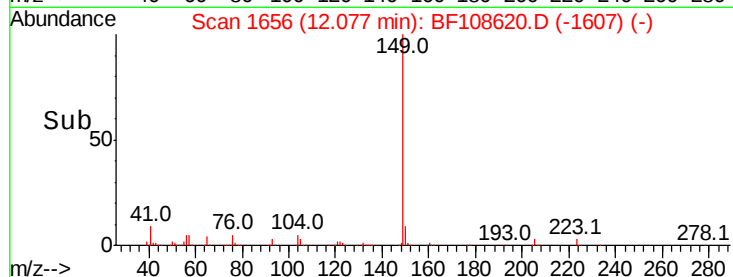
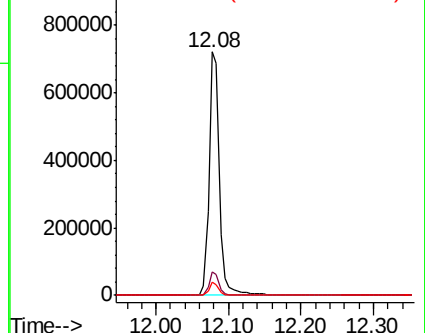
104 5.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.946 ng

RT: 12.76 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

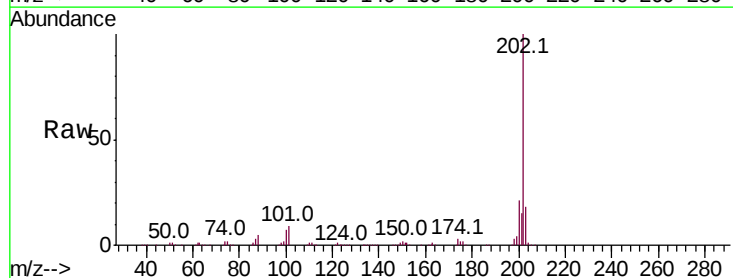
Tgt Ion:202 Resp: 618477

Ion Ratio Lower Upper

202 100

101 9.3 0.0 34.1

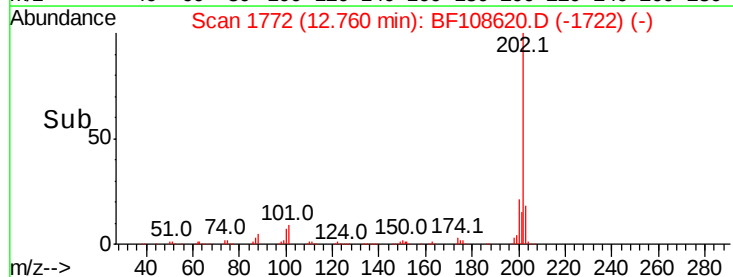
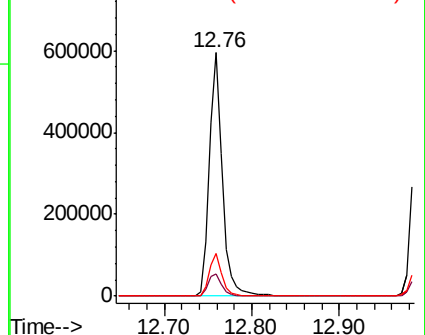
203 17.6 0.0 38.1

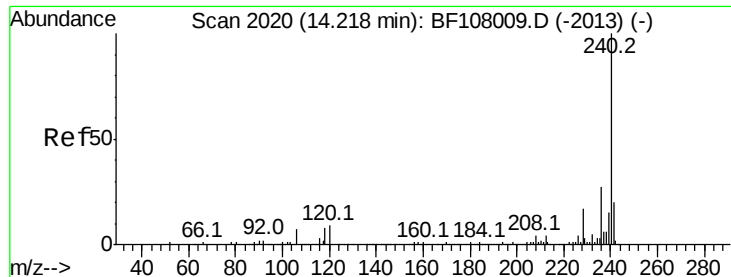


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

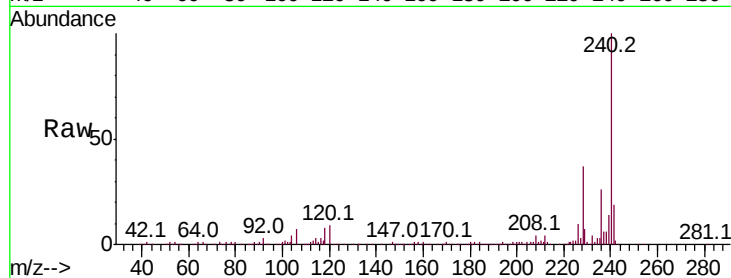
Tot Ion:240 Resp: 258459

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

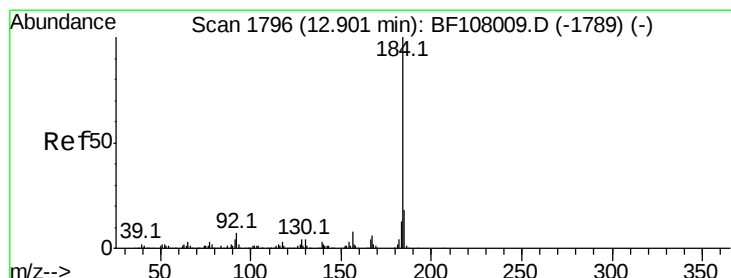
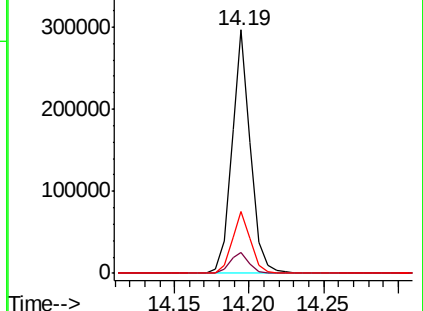
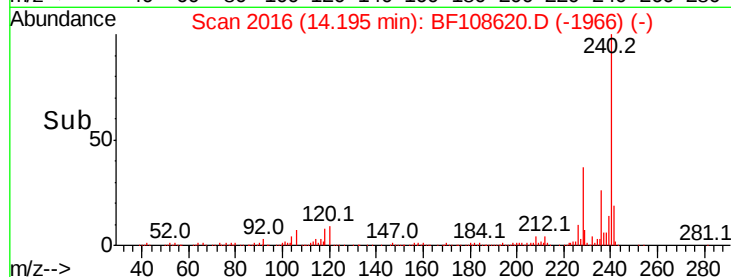
236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.391 ng

RT: 12.88 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

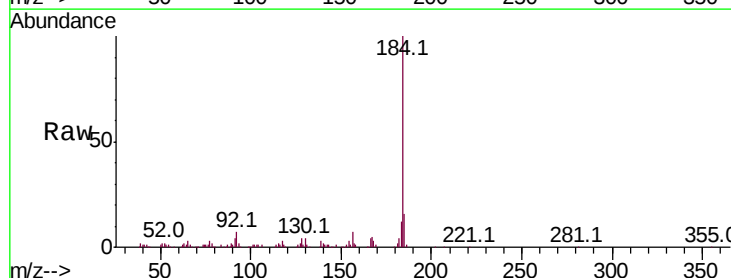
Tgt Ion:184 Resp: 264507

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

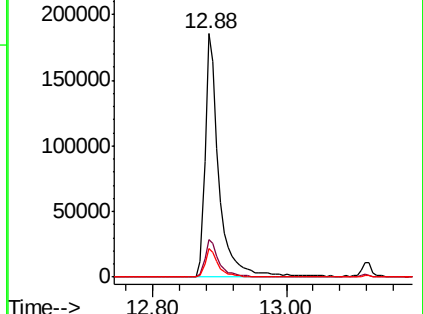
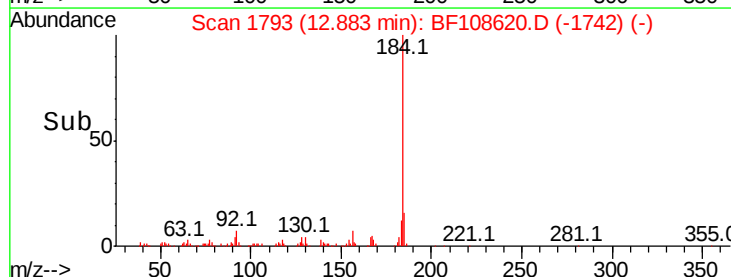
183 11.8 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

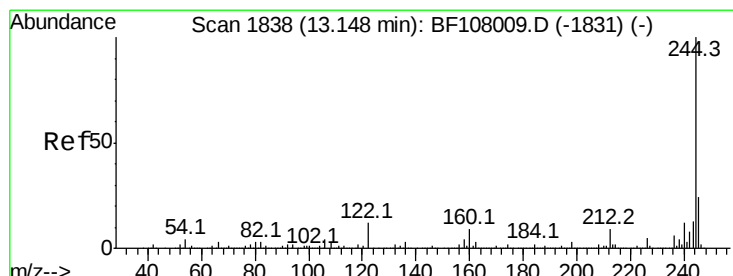
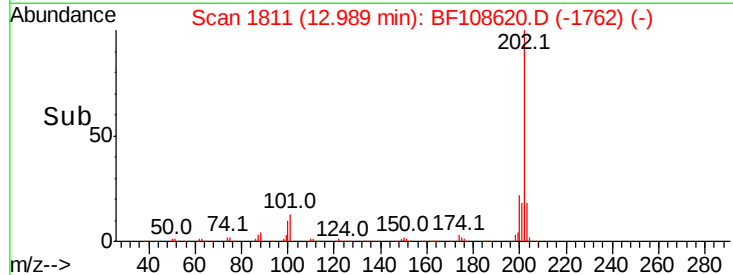
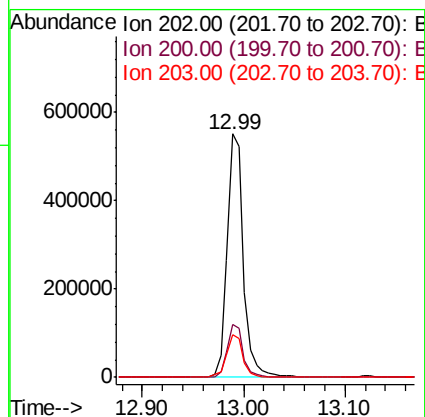
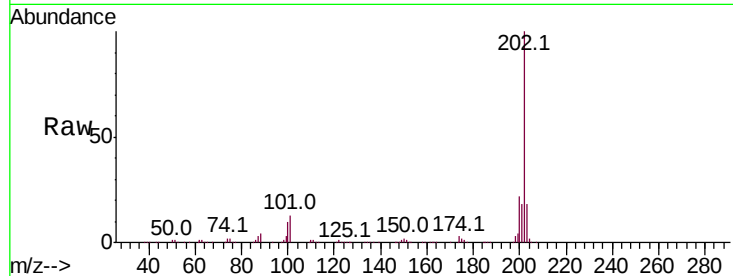




#77
Pvrene
Concen: 37.282 ng
RT: 12.99 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

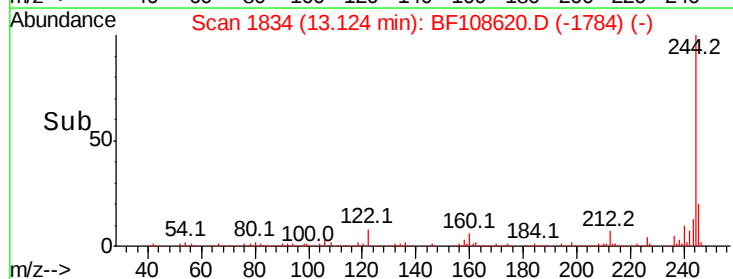
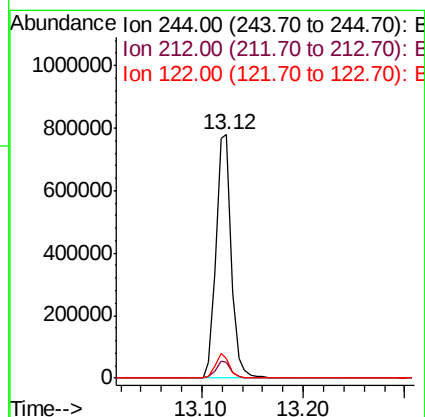
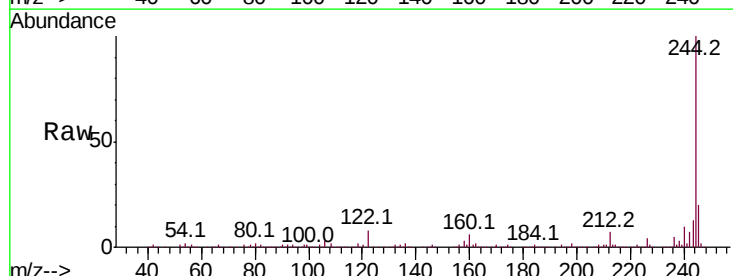
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

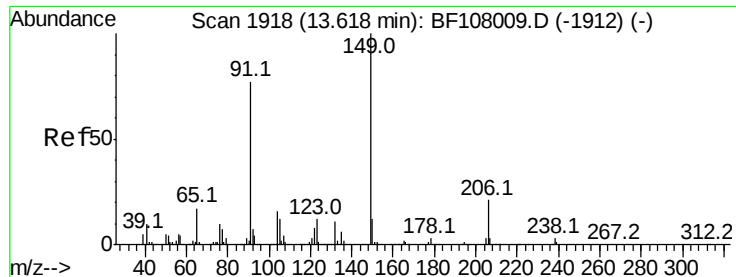
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.7	14.3	21.5



#78
Terphenyl-d14
Concen: 80.629 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	8.0	11.0	16.4

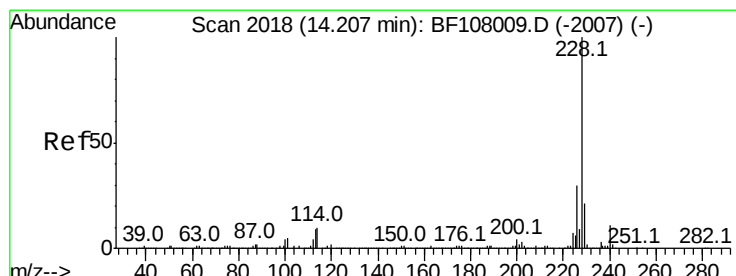
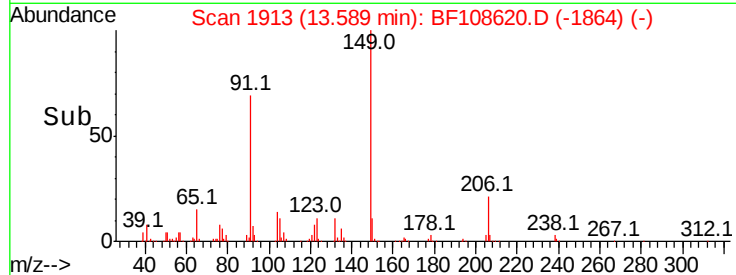
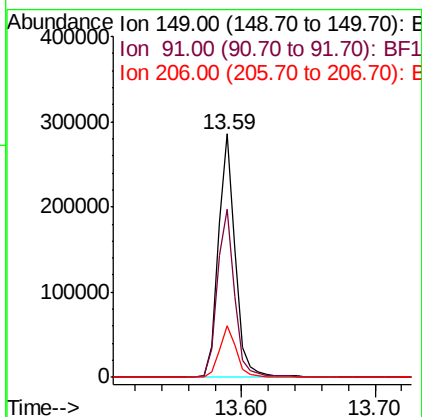
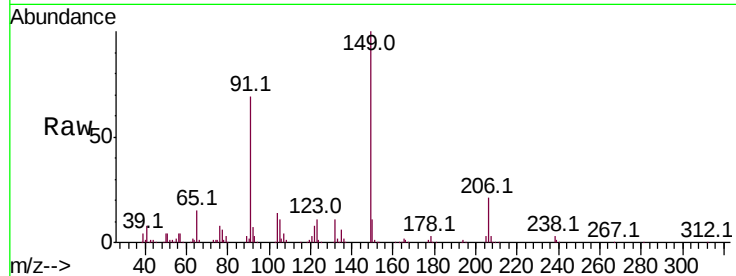




#79
Butylbenzylphthalate
Concen: 39.538 ng
RT: 13.59 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

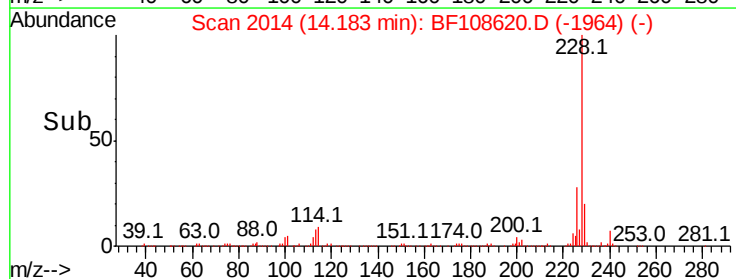
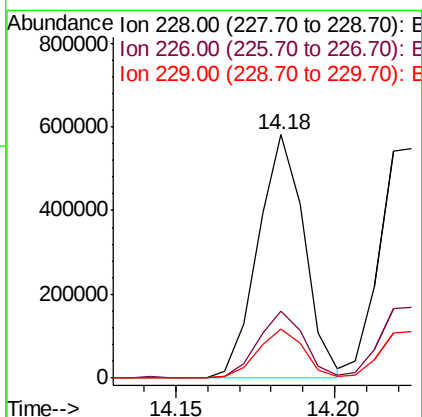
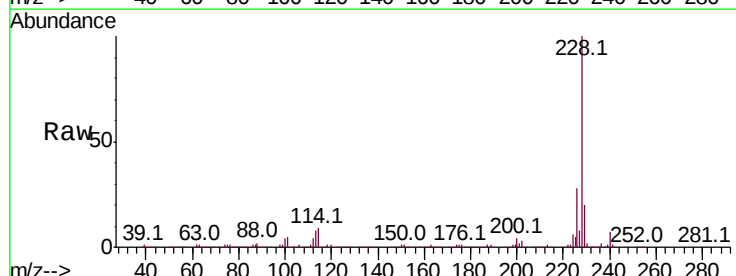
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

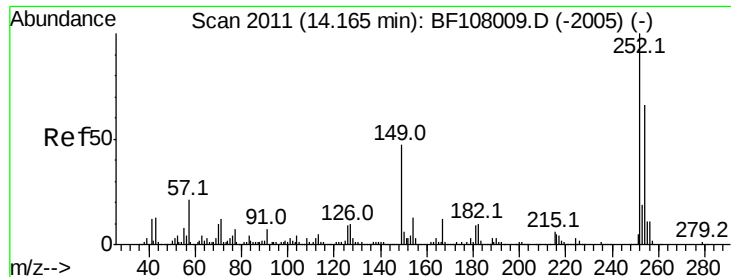
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.1	56.8	85.2
206	21.1	14.1	21.1



#80
Benzo(a)anthracene
Concen: 39.729 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.9	15.8	23.6

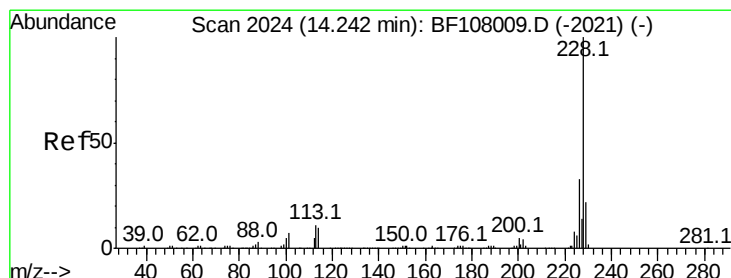
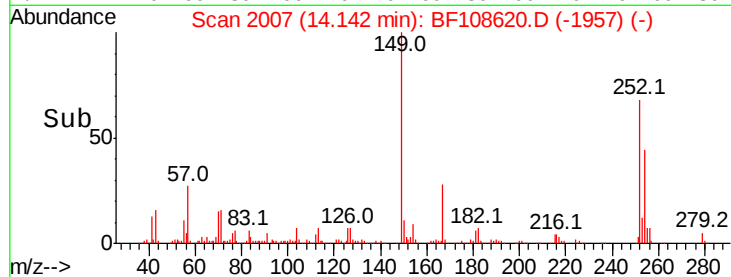
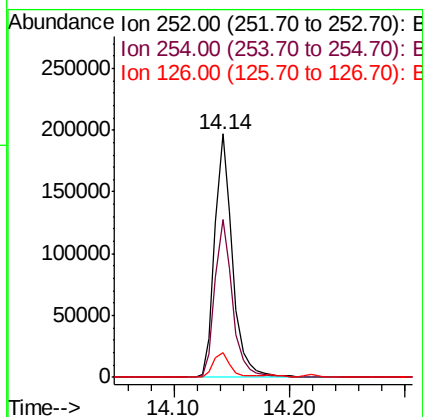
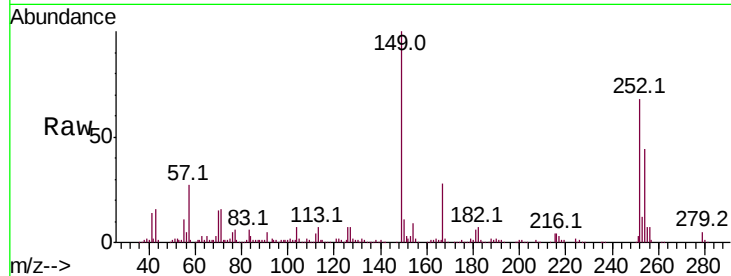




#81
 3,3'-Dichlorobenzidine
 Concen: 39.383 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108620.D
 Acq: 29 Aug 2018 23:20

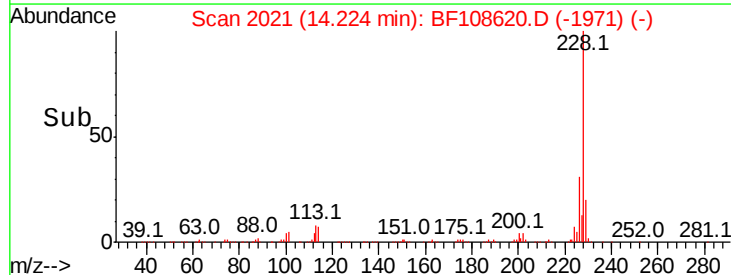
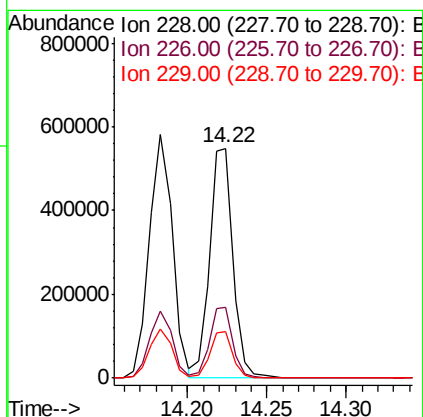
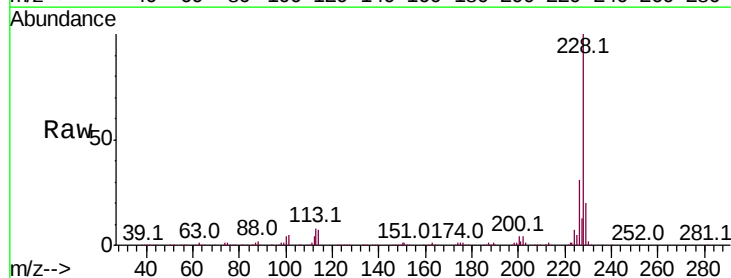
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

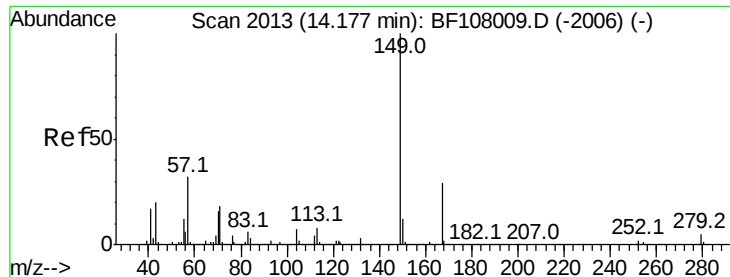
Tot Ion:252 Resp: 209347
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.4 75.6
 126 9.9 11.3 16.9#



#82
 Chrysene
 Concen: 41.352 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108620.D
 Acq: 29 Aug 2018 23:20

Tgt Ion:228 Resp: 562330
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 20.1 16.2 24.4

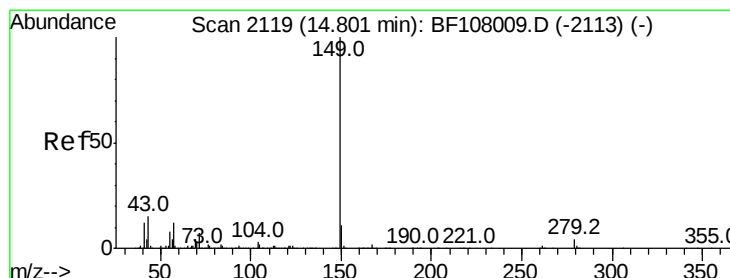
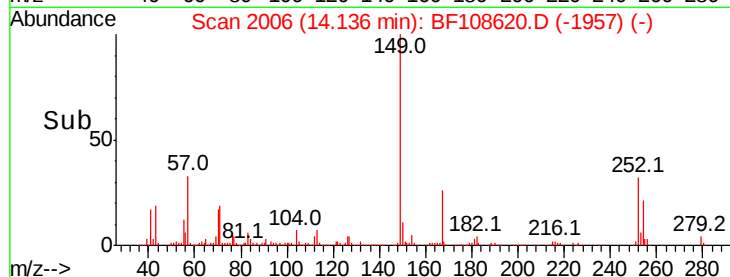
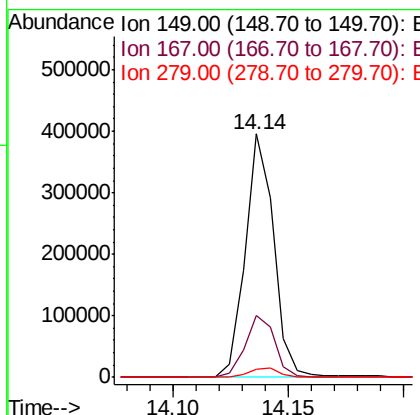
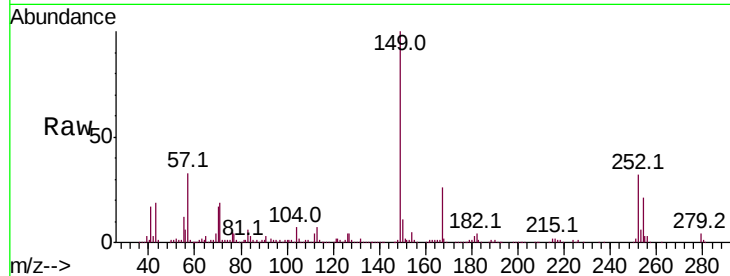




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.921 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF108620.D
 Acq: 29 Aug 2018 23:20

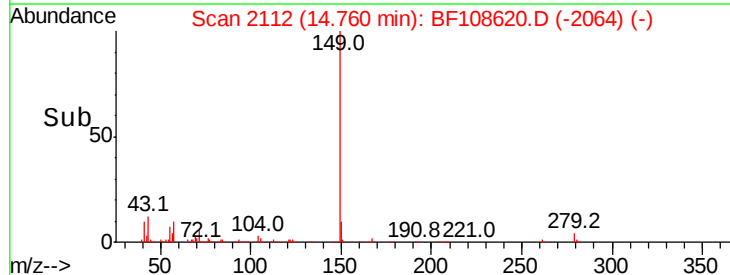
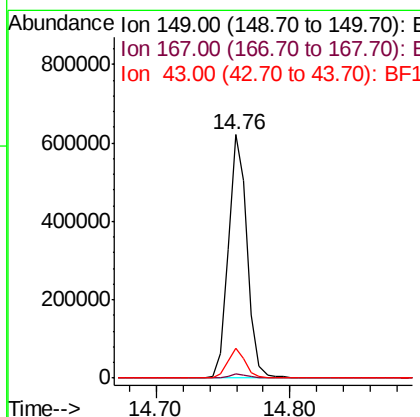
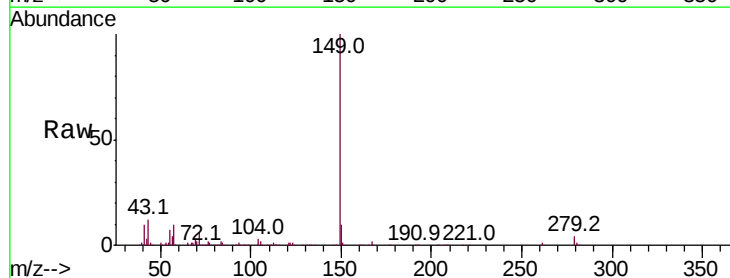
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

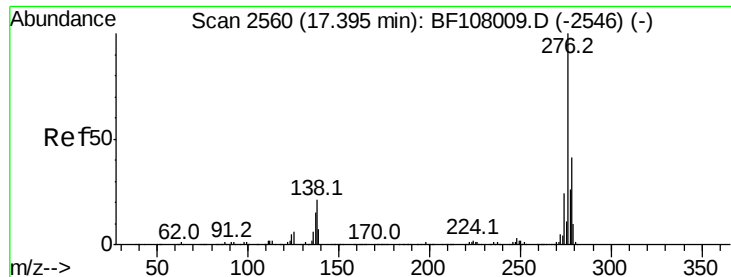
Tot Ion:149 Resp: 342458
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.3 31.9
 279 3.6 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 45.788 ng
 RT: 14.76 min Scan# 2112
 Delta R.T. -0.02 min
 Lab File: BF108620.D
 Acq: 29 Aug 2018 23:20

Tgt Ion:149 Resp: 614433
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.7 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.904 ng

RT: 17.37 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

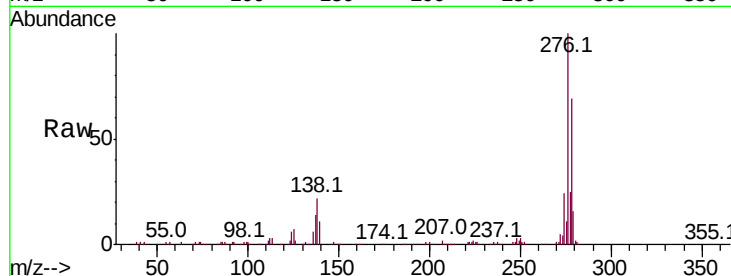
Tot Ion:276 Resp: 493738

Ion Ratio Lower Upper

276 100

138 21.6 25.0 37.6#

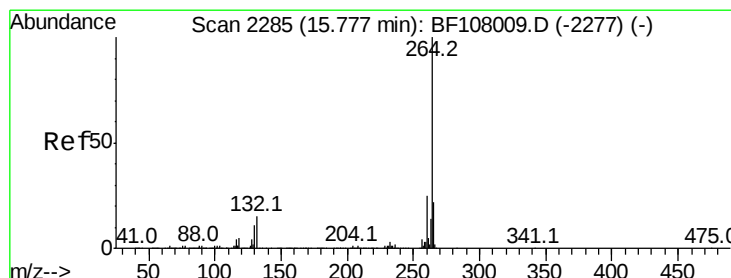
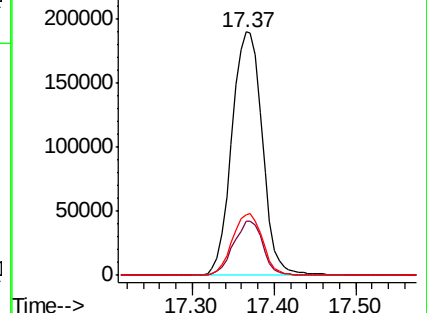
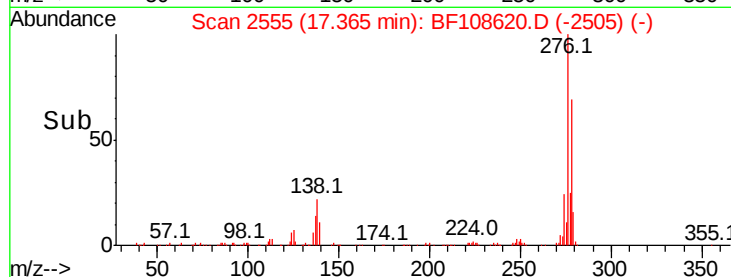
277 25.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

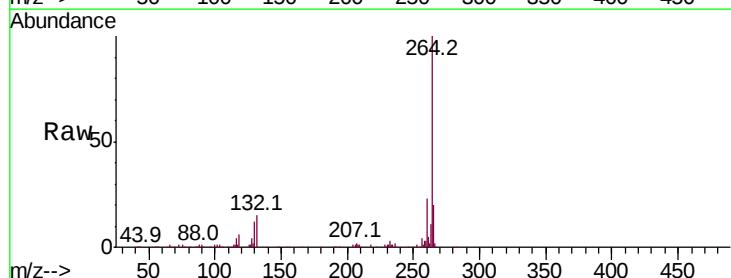
Tgt Ion:264 Resp: 262585

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

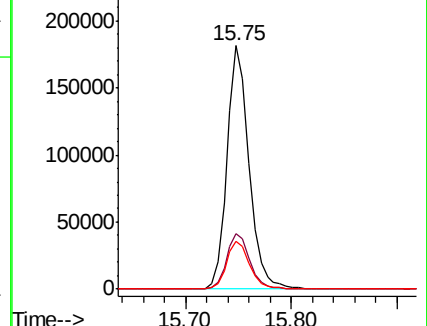
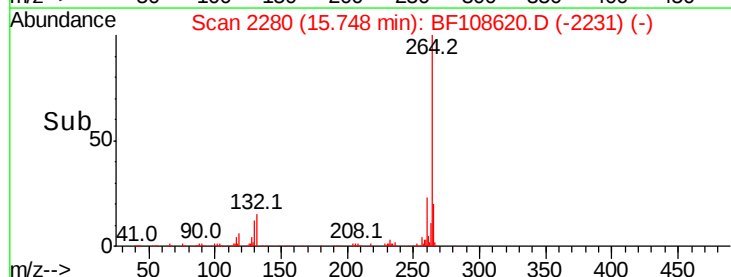
265 19.9 17.5 26.3

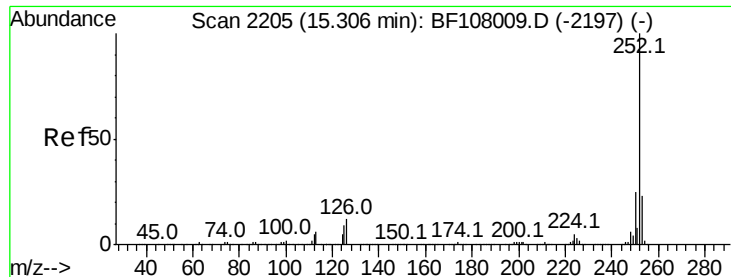


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

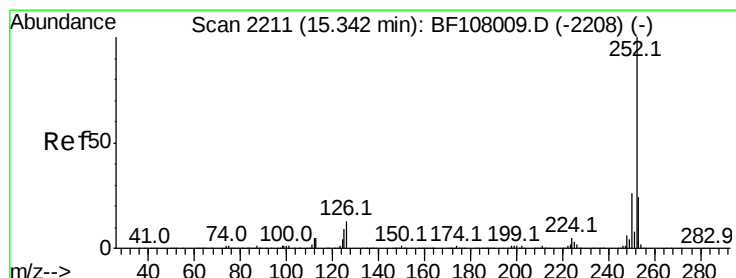
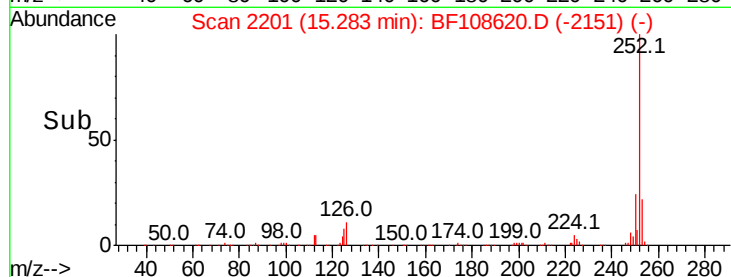
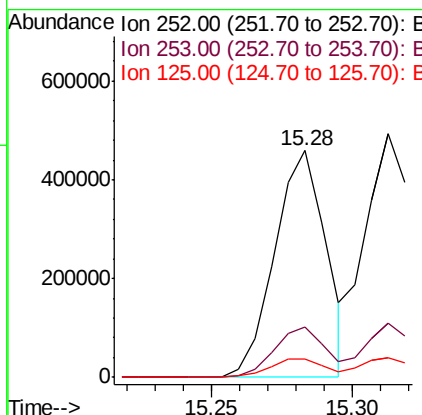
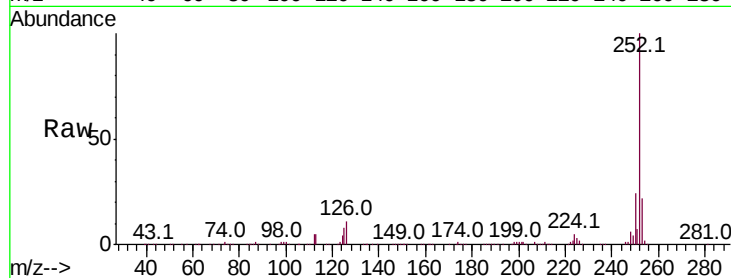




#87
Benzo(b)fluoranthene
Concen: 36.878 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

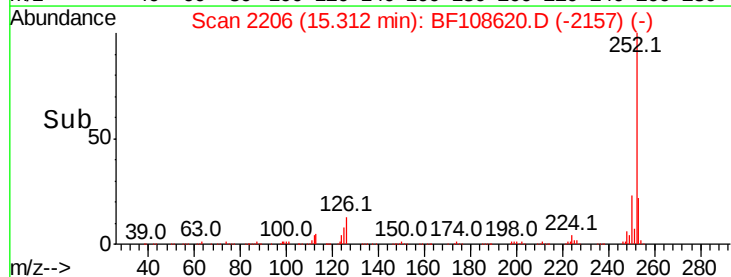
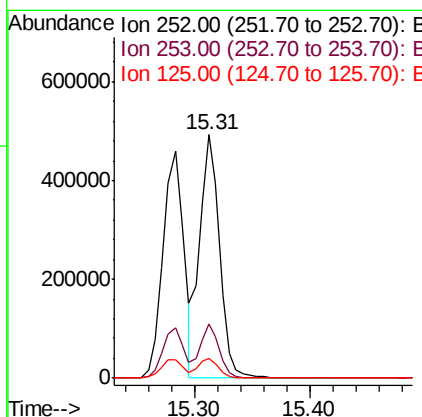
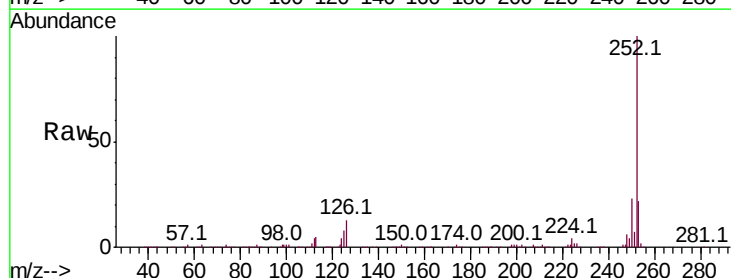
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

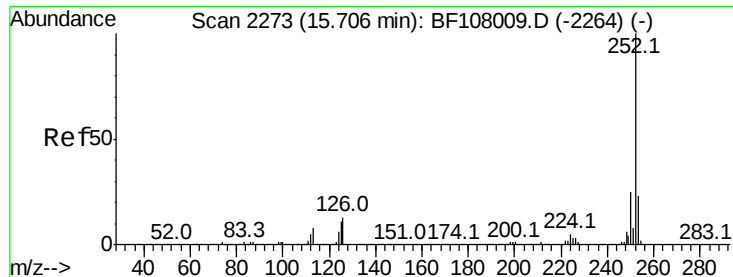
Tot Ion:252 Resp: 578629
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 8.3 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 41.382 ng
RT: 15.31 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

Tgt Ion:252 Resp: 596866
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 8.3 10.2 15.2#

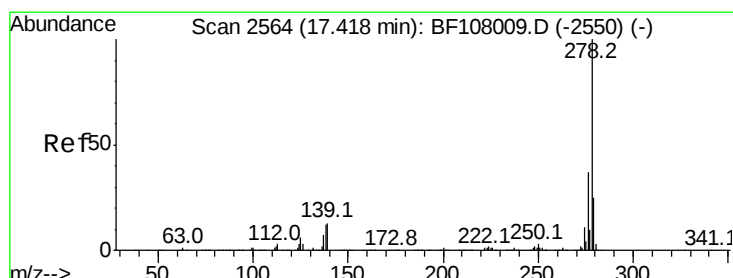
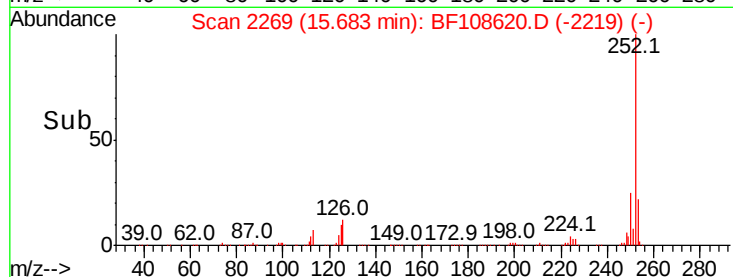
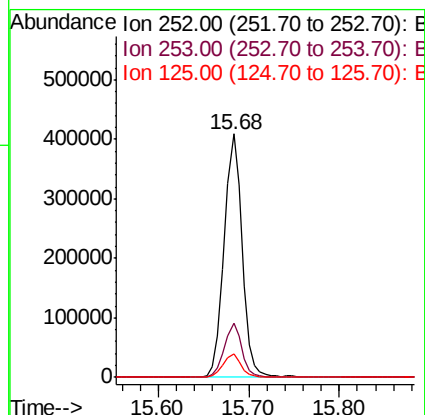
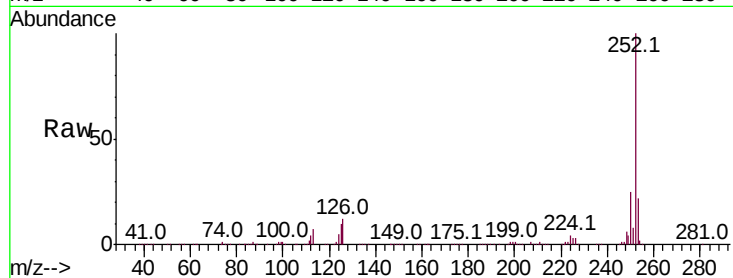




#89
Benzo(a)pyrene
Concen: 39.945 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

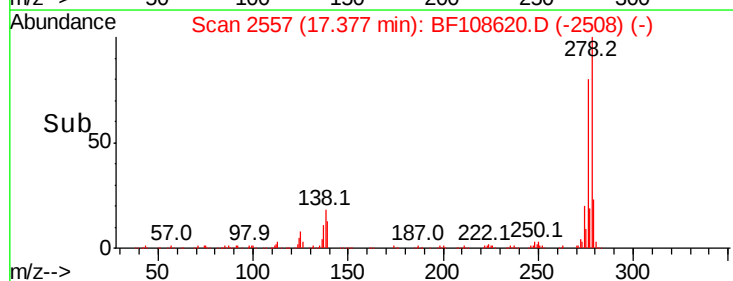
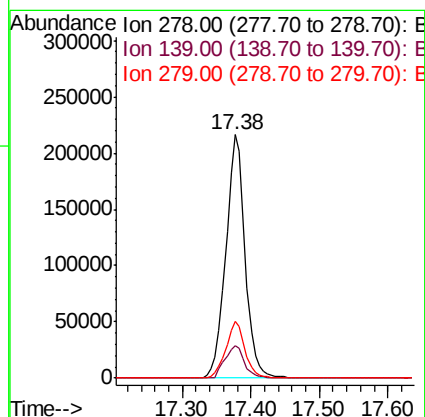
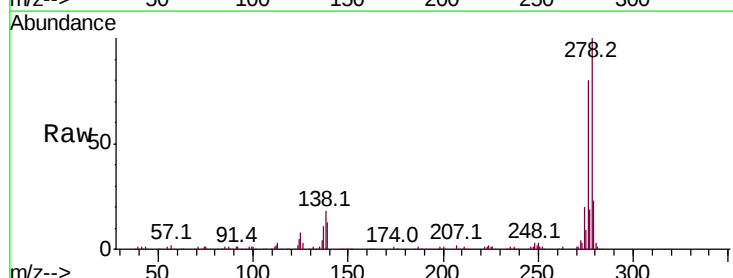
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

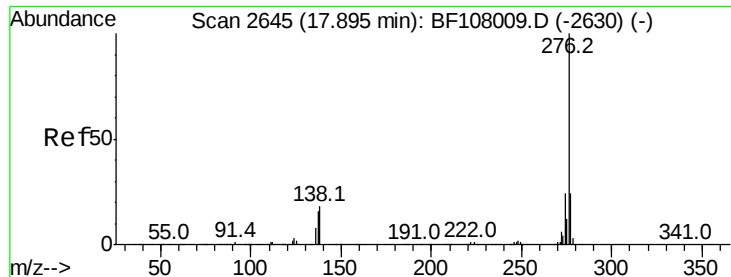
Tot Ion:252 Resp: 561246
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 9.6 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 36.420 ng
RT: 17.38 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF108620.D
Acq: 29 Aug 2018 23:20

Tgt Ion:278 Resp: 423392
Ion Ratio Lower Upper
278 100
139 13.3 15.9 23.9#
279 23.2 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 34.073 ng

RT: 17.86 min Scan# 2639

Delta R.T. -0.01 min

Lab File: BF108620.D

Acq: 29 Aug 2018 23:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 390042

Ion Ratio Lower Upper

276 100

277 24.5 17.9 26.9

138 19.5 21.8 32.8#

