

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\
 Data File : BF108135.D
 Acq On : 14 Aug 2018 10:53
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 14 12:58:47 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 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	262732	20.00	ng	0.01
21) Naphthalene-d8	8.31	136	999350	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	493294	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	941475	20.00	ng	0.00
75) Chrysene-d12	14.22	240	638711	20.00	ng	0.00
86) Perylene-d12	15.78	264	519896	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	1163114	80.15	ng	0.02
7) Phenol-d6	6.64	99	1528177	79.24	ng	0.01
23) Nitrobenzene-d5	7.59	82	1462002	81.63	ng	0.01
41) 2,4,6-Tribromophenol	10.87	330	423619	86.09	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2457330	79.98	ng	0.00
78) Terphenyl-d14	13.15	244	2258370	89.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.94	88	287776	38.593	ng	89
3) Pyridine	3.71	79	746707	38.874	ng	# 85
4) n-Nitrosodimethylamine	3.68	42	399471	36.959	ng	85
6) Aniline	6.69	93	1054236	40.190	ng	97
8) 2-Chlorophenol	6.81	128	662678	40.545	ng	94
9) Benzaldehyde	6.58	77	545752	36.502	ng	95
10) Phenol	6.65	94	778707	39.038	ng	88
11) bis(2-Chloroethyl)ether	6.75	93	637262	39.516	ng	90
12) 1,3-Dichlorobenzene	6.97	146	758268	40.123	ng	100
13) 1,4-Dichlorobenzene	7.04	146	761107	40.085	ng	97
14) 1,2-Dichlorobenzene	7.20	146	695270	39.366	ng	98
15) Benzyl Alcohol	7.16	79	629569	38.780	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1254988	37.776	ng	97
17) 2-Methylphenol	7.26	107	551056	39.316	ng	95
18) Hexachloroethane	7.54	117	280185	41.448	ng	92
19) n-Nitroso-di-n-propylamine	7.43	70	496757	38.093	ng	# 88
20) 3+4-Methylphenols	7.42	107	700853	39.020	ng	89
22) Acetophenone	7.43	105	913629	39.098	ng	# 92
24) Nitrobenzene	7.61	77	734285	40.546	ng	95
25) Isophorone	7.84	82	1341889	39.311	ng	97
26) 2-Nitrophenol	7.92	139	317750	46.461	ng	88
27) 2,4-Dimethylphenol	7.95	122	609917	40.258	ng	99
28) bis(2-Chloroethoxy)methane	8.04	93	798123	40.052	ng	100
29) 2,4-Dichlorophenol	8.16	162	576314	41.336	ng	98
30) 1,2,4-Trichlorobenzene	8.25	180	625268	40.676	ng	95
31) Naphthalene	8.33	128	1823345	40.119	ng	97
32) Benzoic acid	8.07	122	318136	37.657	ng	94
33) 4-Chloroaniline	8.37	127	779649	39.364	ng	96
34) Hexachlorobutadiene	8.44	225	401388	41.248	ng	99
35) Caprolactam	8.75	113	170344	38.988	ng	# 80
36) 4-Chloro-3-methylphenol	8.85	107	589903	39.220	ng	99
37) 2-Methylnaphthalene	9.02	142	1254449	39.012	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.19	216	638429	42.145	ng	98
40) Hexachlorocyclopentadiene	9.17	237	445409	45.521	ng	97

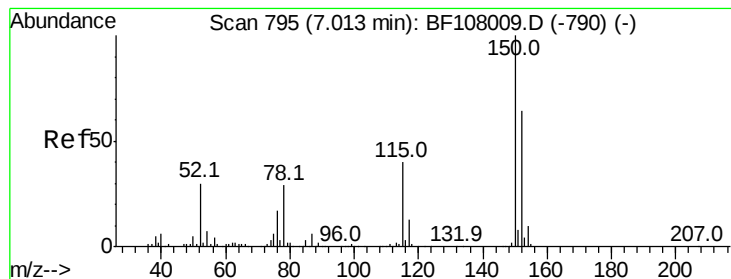
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	413855	44.025	ng	99
43) 2,4,5-Trichlorophenol	9.34	196	442692	42.780	ng	# 93
45) 1,1'-Biphenyl	9.48	154	1493659	41.068	ng	99
46) 2-Chloronaphthalene	9.51	162	1185830	41.252	ng	99
47) 2-Nitroaniline	9.61	65	393795	42.339	ng	89
48) Acenaphthylene	9.94	152	1829635	40.260	ng	97
49) Dimethylphthalate	9.78	163	1344947	39.141	ng	# 98
50) 2,6-Dinitrotoluene	9.85	165	305501	42.494	ng	94
51) Acenaphthene	10.11	154	1143457	41.080	ng	98
52) 3-Nitroaniline	10.02	138	325304	41.356	ng	92
53) 2,4-Dinitrophenol	10.12	184	120024	47.716	ng	# 20
54) Dibenzofuran	10.28	168	1601602	39.716	ng	95
55) 4-Nitrophenol	10.17	139	244699	41.081	ng	# 83
56) 2,4-Dinitrotoluene	10.25	165	399753	43.198	ng	# 93
57) Fluorene	10.62	166	1261389	39.513	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	361791	41.829	ng	# 86
59) Diethylphthalate	10.48	149	1310885	39.397	ng	96
60) 4-Chlorophenyl-phenylether	10.61	204	657747	39.541	ng	93
61) 4-Nitroaniline	10.64	138	320808	41.252	ng	97
62) Azobenzene	10.77	77	1339762	38.989	ng	92
64) 4,6-Dinitro-2-methylphenol	10.67	198	163187	46.372	ng	92
65) n-Nitrosodiphenylamine	10.73	169	1145523	41.174	ng	97
66) 4-Bromophenyl-phenylether	11.10	248	431146	42.140	ng	# 87
67) Hexachlorobenzene	11.17	284	444646	41.305	ng	# 90
68) Atrazine	11.25	200	386449	41.414	ng	97
69) Pentachlorophenol	11.37	266	209684	40.695	ng	96
70) Phenanthrene	11.60	178	1784813	40.193	ng	98
71) Anthracene	11.64	178	1849433	40.635	ng	98
72) Carbazole	11.80	167	1622551	40.125	ng	98
73) Di-n-butylphthalate	12.11	149	1904725	41.586	ng	99
74) Fluoranthene	12.79	202	1896507	39.132	ng	95
76) Benzidine	12.90	184	1110711	46.544	ng	99
77) Pyrene	13.02	202	1872993	46.319	ng	97
79) Butylbenzylphthalate	13.62	149	755502	47.052	ng	# 96
80) Benzo(a)anthracene	14.21	228	1512029	41.250	ng	97
81) 3,3'-Dichlorobenzidine	14.17	252	557282	42.423	ng	# 96
82) Chrysene	14.25	228	1379289	41.044	ng	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	906190	41.675	ng	98
84) Di-n-octyl phthalate	14.79	149	1381854	41.670	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.41	276	1223643	42.024	ng	# 91
87) Benzo(b)fluoranthene	15.31	252	1262269	40.632	ng	97
88) Benzo(k)fluoranthene	15.35	252	1127529	39.483	ng	# 96
89) Benzo(a)pyrene	15.72	252	1144003	41.124	ng	97
90) Dibenzo(a,h)anthracene	17.43	278	1048197	45.540	ng	# 94
91) Benzo(g,h,i)perylene	17.92	276	1026400	45.286	ng	# 90

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

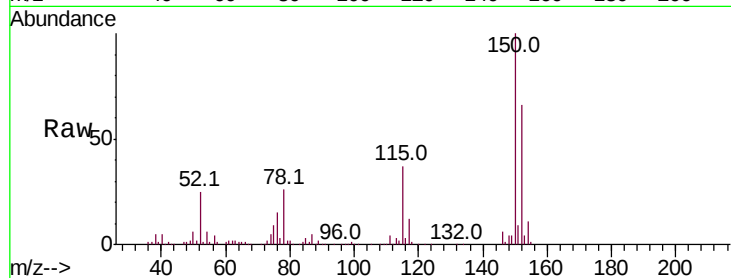


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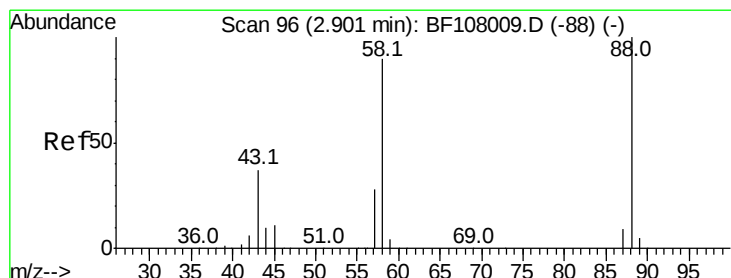
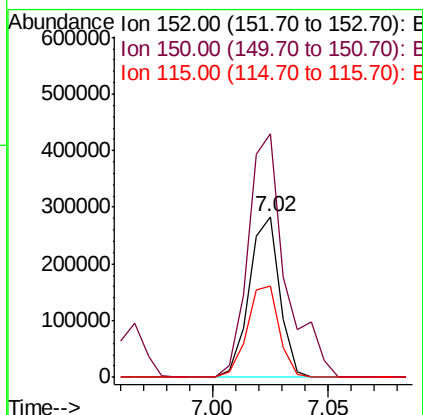
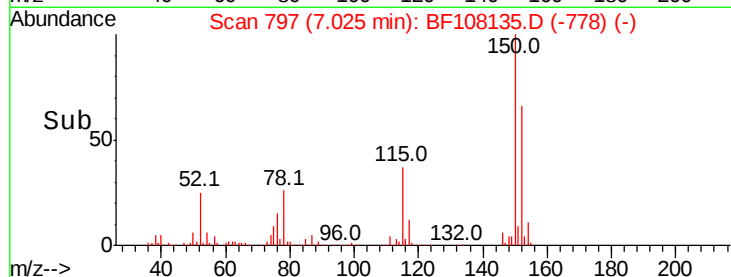
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 262732
Ion Ratio Lower Upper
152 100
150 151.6 124.6 186.8
115 56.6 50.1 75.1



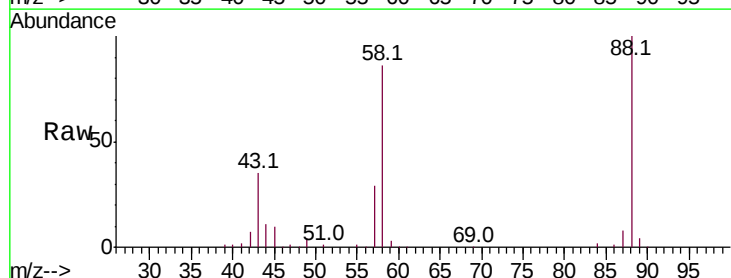
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



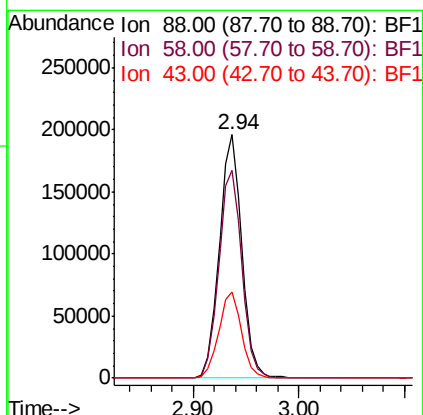
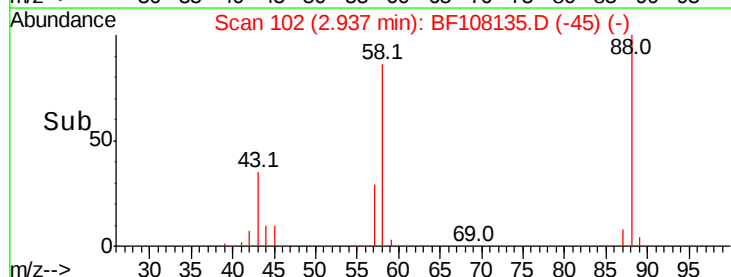
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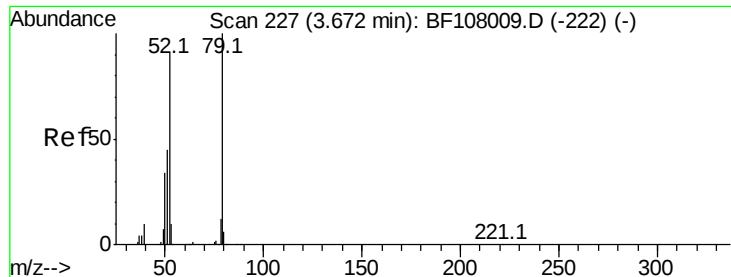
1,4-Dioxane
Concen: 38.593 ng
RT: 2.94 min Scan# 102
Delta R.T. 0.04 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

Tgt Ion: 88 Resp: 287776
Ion Ratio Lower Upper
88 100
58 88.2 62.6 93.8
43 36.5 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: 38.874 ng

RT: 3.71 min Scan# 233

Delta R.T. 0.04 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

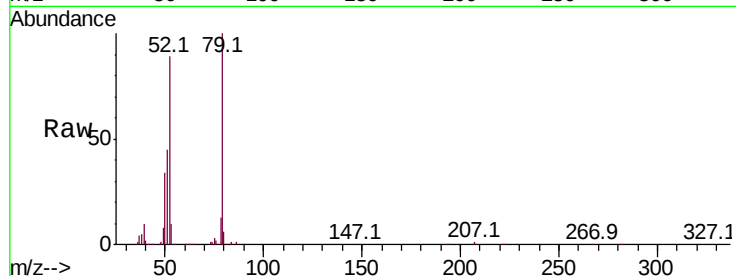
Tot Ion: 79 Resp: 746707

Ion Ratio Lower Upper

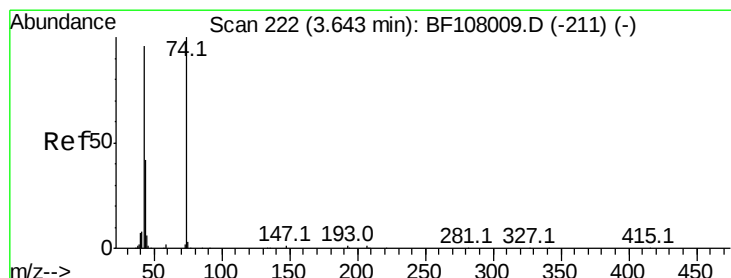
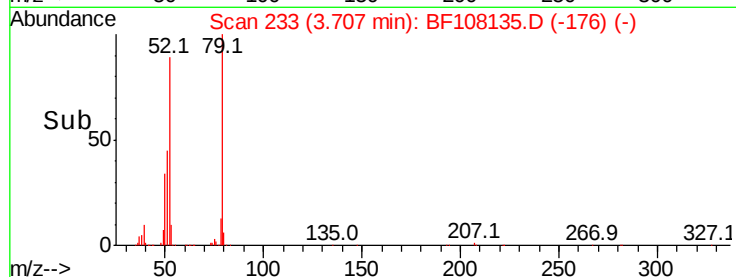
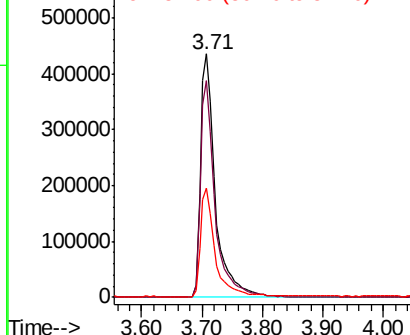
79 100

52 88.9 59.8 89.6

51 45.0 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: 36.959 ng

RT: 3.68 min Scan# 228

Delta R.T. 0.04 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

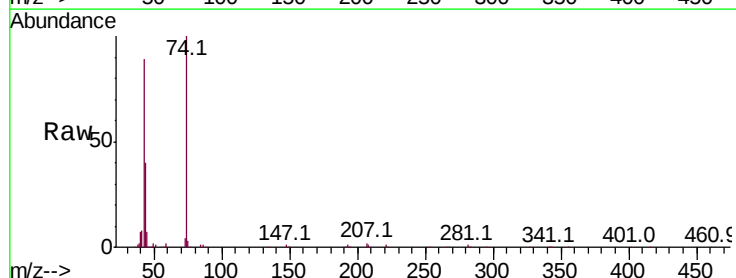
Tgt Ion: 42 Resp: 399471

Ion Ratio Lower Upper

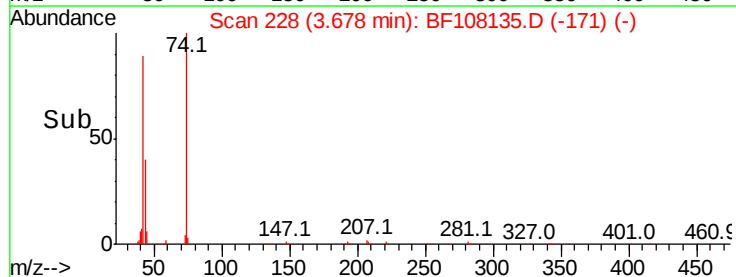
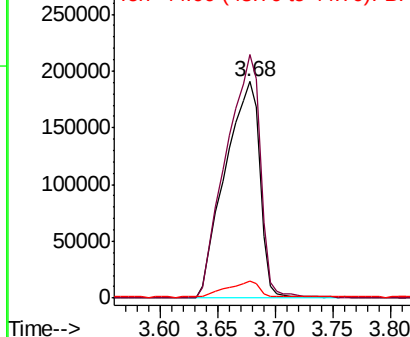
42 100

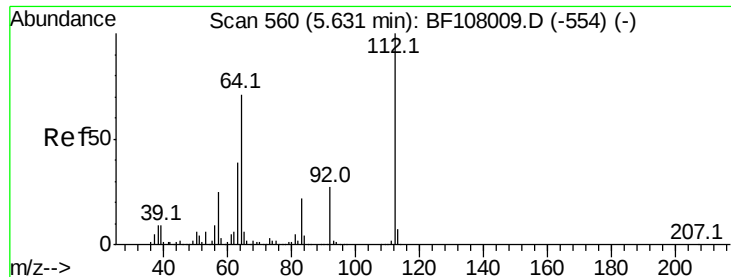
74 112.4 104.9 157.3

44 7.7 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: 80.149 ng

RT: 5.65 min Scan# 563

Delta R.T. 0.02 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

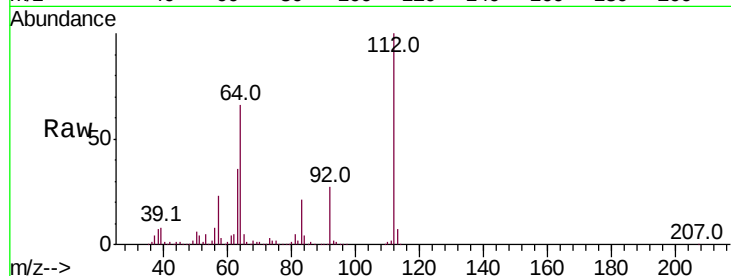
Tot Ion:112 Resp: 1163114

Ion Ratio Lower Upper

112 100

64 66.3 47.9 71.9

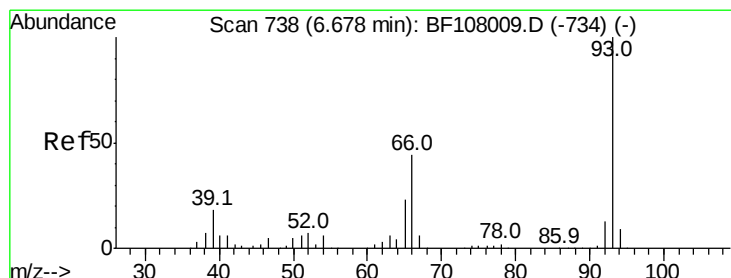
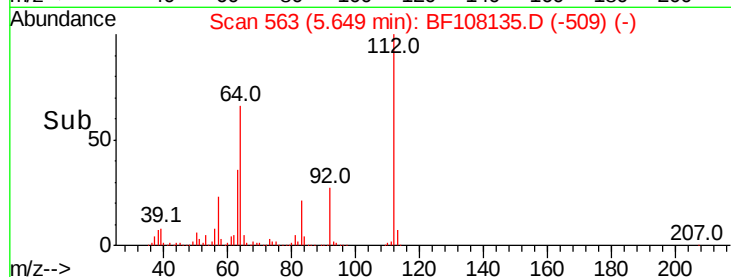
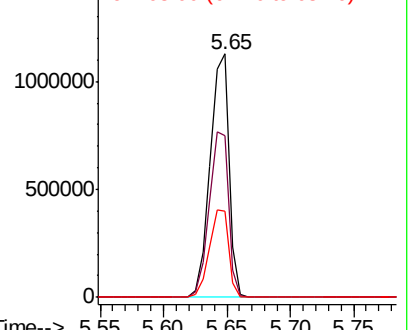
63 35.6 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E

1500000 Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.190 ng

RT: 6.69 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

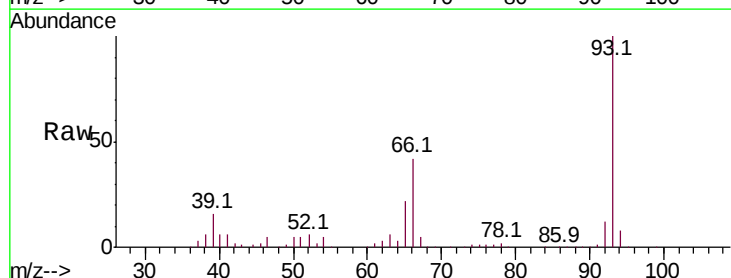
Tgt Ion: 93 Resp: 1054236

Ion Ratio Lower Upper

93 100

66 42.3 32.2 48.2

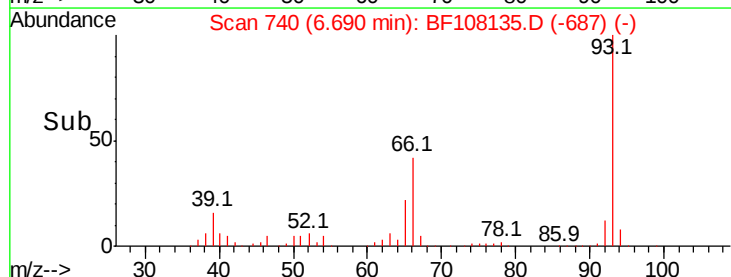
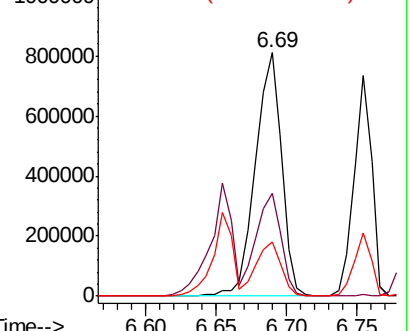
65 22.0 16.4 24.6

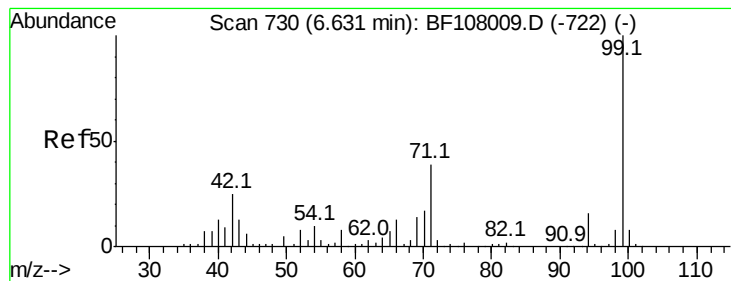


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.244 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

Instrument :

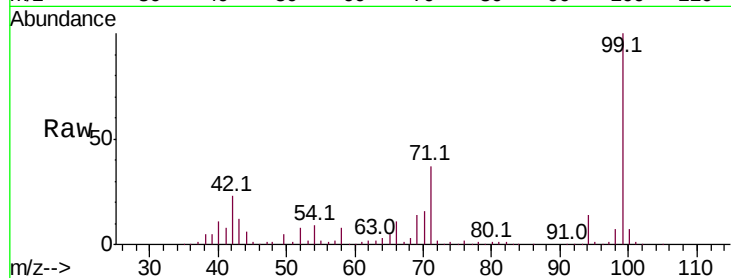
BNA_F

ClientSampleId :

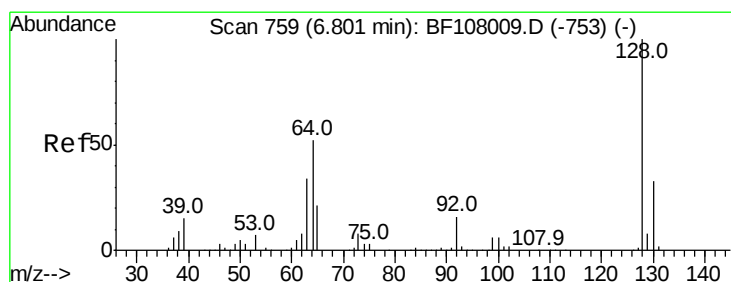
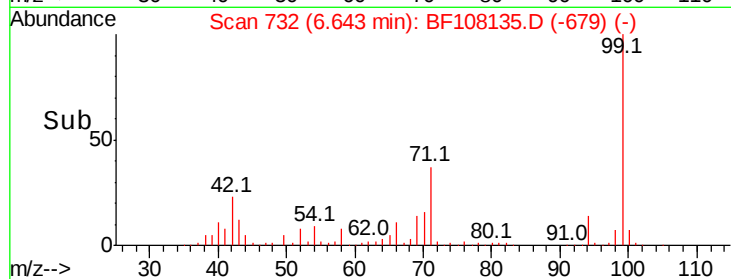
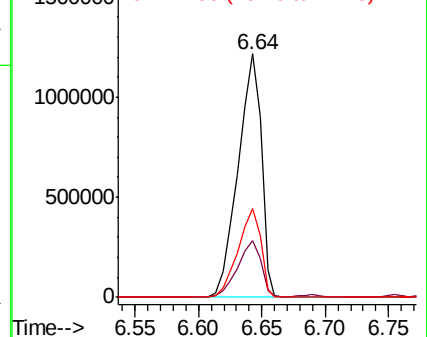
SSTDCCC040

Tot Ion: 99 Resp: 1528177

Ion	Ratio	Lower	Upper
99	100		
42	23.5	14.5	21.7#
71	36.5	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: 40.545 ng

RT: 6.81 min Scan# 760

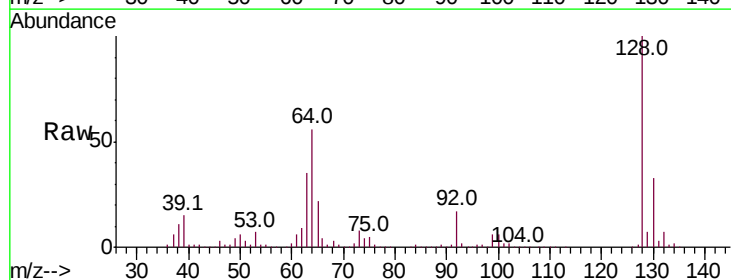
Delta R.T. 0.01 min

Lab File: BF108135.D

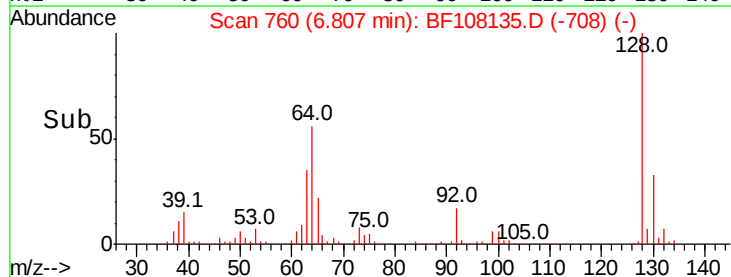
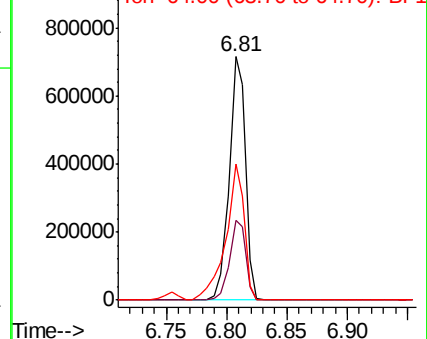
Acq: 14 Aug 2018 10:53

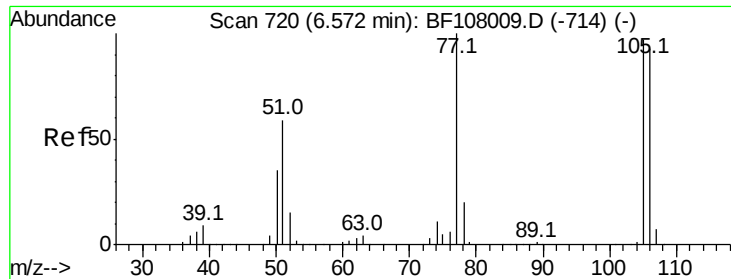
Tgt Ion:128 Resp: 662678

Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.0	53.0
64	55.9	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

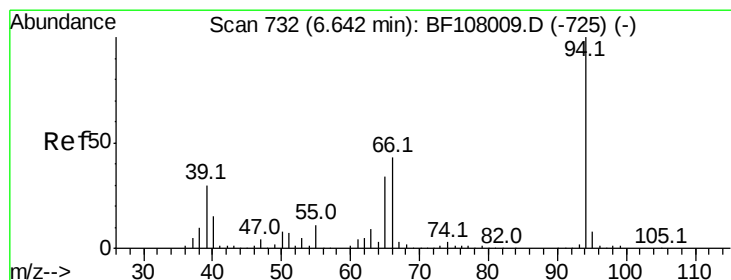
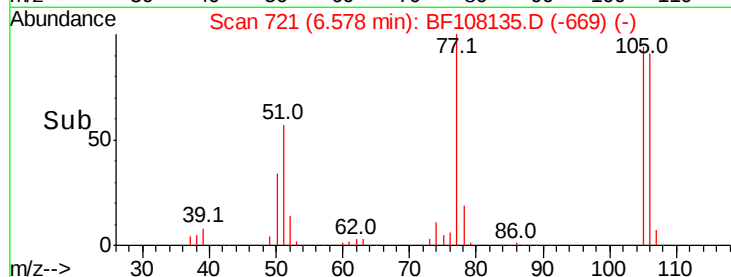
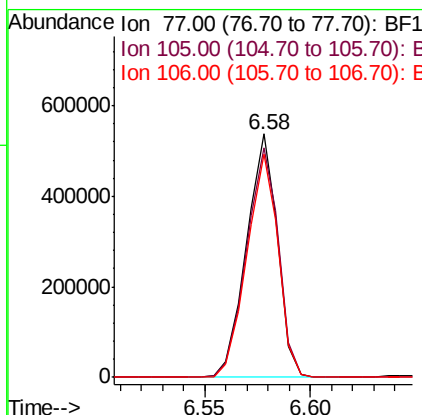
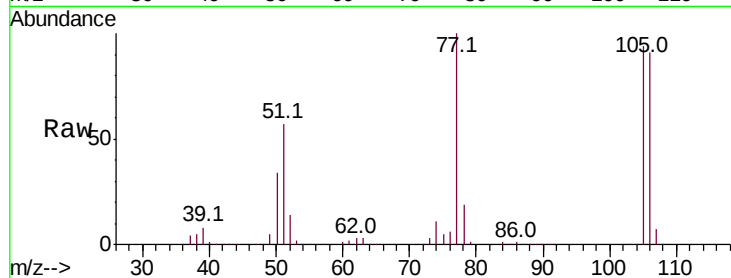




#9
Benzaldehyde
Concen: 36.502 ng
RT: 6.58 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

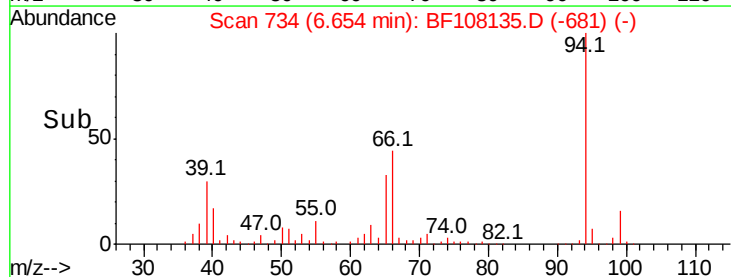
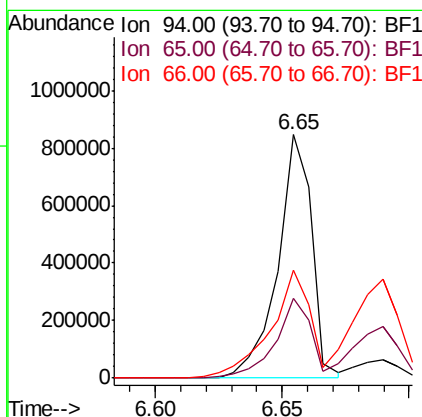
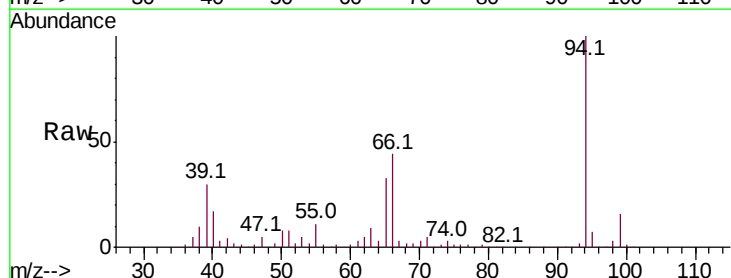
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BNA_F
ClientSampleId :
SSTDCCC040

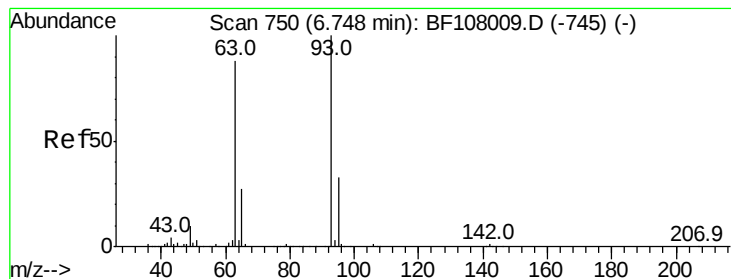
Tot Ion	Ratio	Lower	Upper
77	100		
105	94.1	81.1	121.1
106	91.5	74.5	114.5



#10
Phenol
Concen: 39.038 ng
RT: 6.65 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.8	7.9	47.9
66	44.3	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.516 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

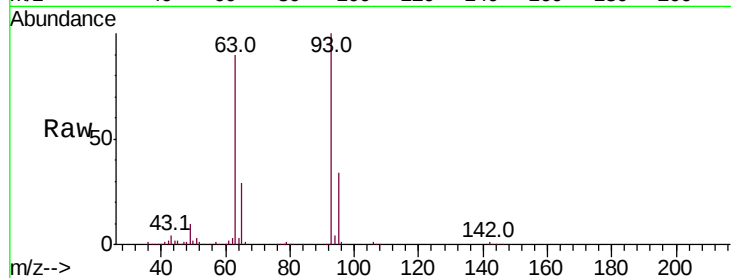
Tot Ion: 93 Resp: 637262

Ion Ratio Lower Upper

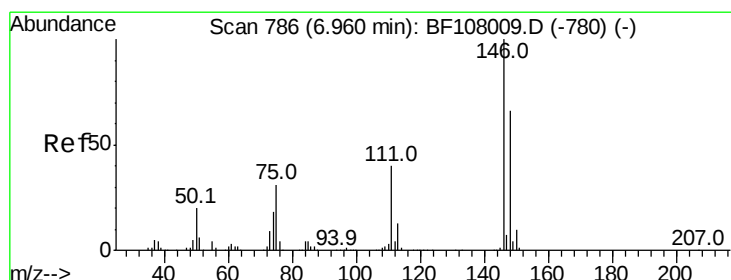
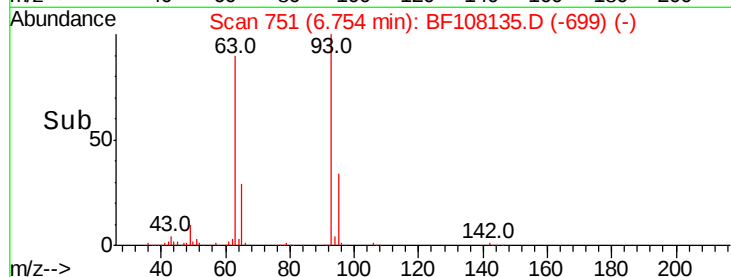
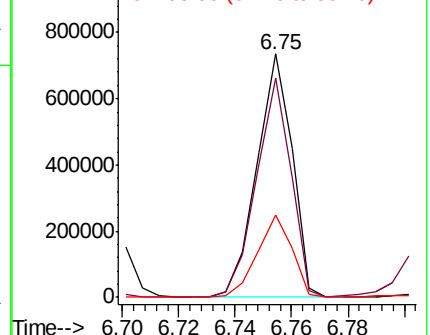
93 100

63 90.1 58.6 98.6

95 33.9 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
1000000
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.123 ng

RT: 6.97 min Scan# 787

Delta R.T. 0.01 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

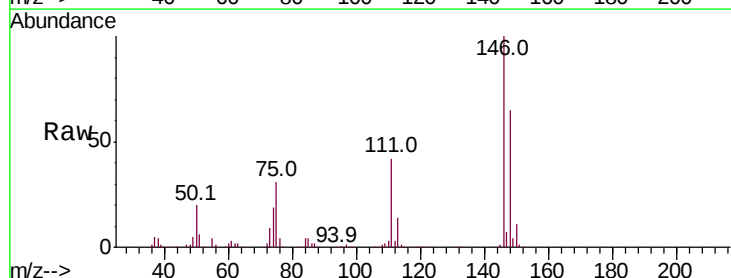
Tgt Ion: 146 Resp: 758268

Ion Ratio Lower Upper

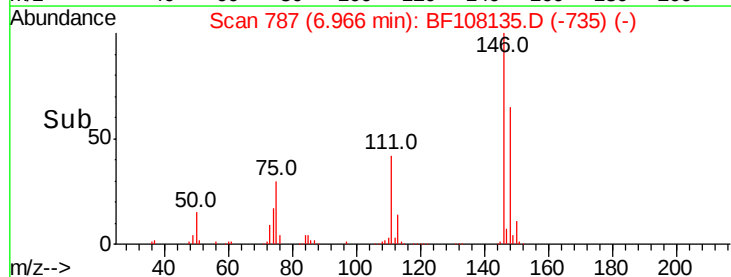
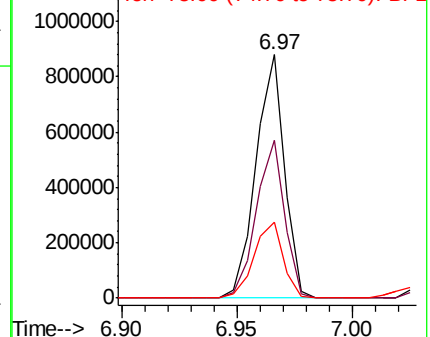
146 100

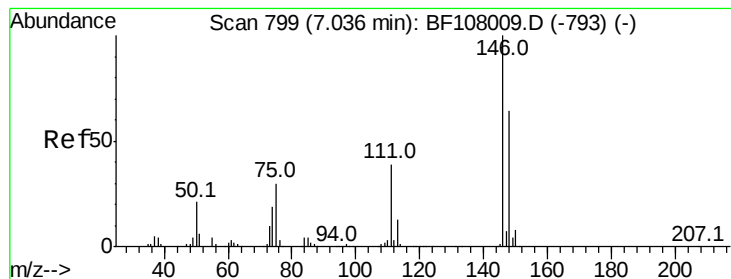
148 64.8 51.8 77.8

75 31.1 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
1200000
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 40.085 ng

RT: 7.04 min Scan# 800

Delta R.T. 0.01 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

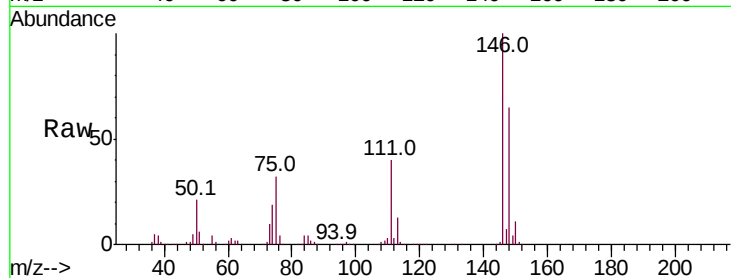
Tot Ion:146 Resp: 761107

Ion Ratio Lower Upper

146 100

148 65.1 50.8 76.2

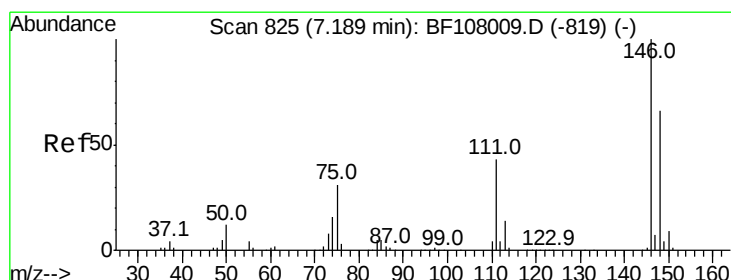
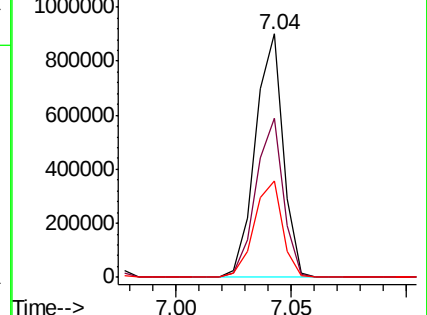
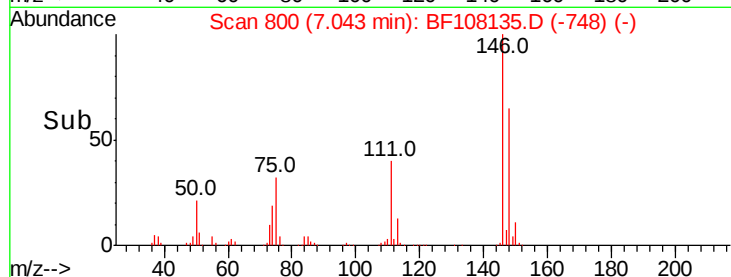
111 39.6 34.2 51.2



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: 39.366 ng

RT: 7.20 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

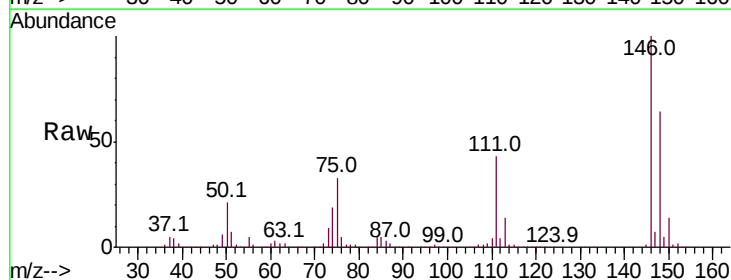
Tgt Ion:146 Resp: 695270

Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

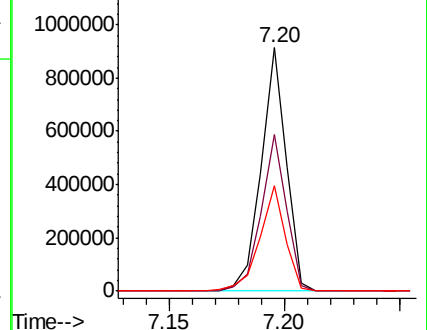
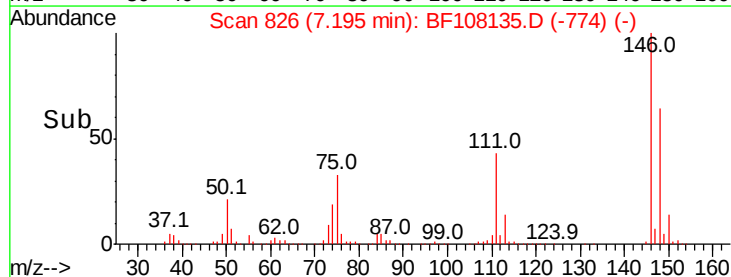
111 43.5 36.0 54.0

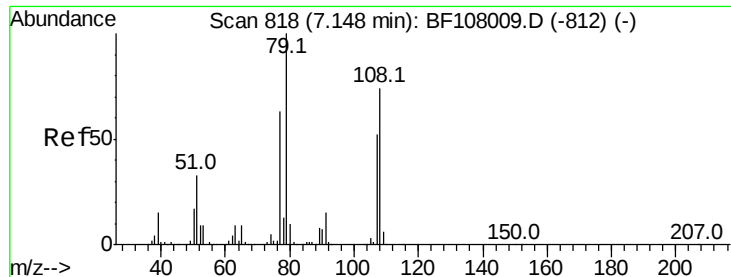


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.780 ng

RT: 7.16 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

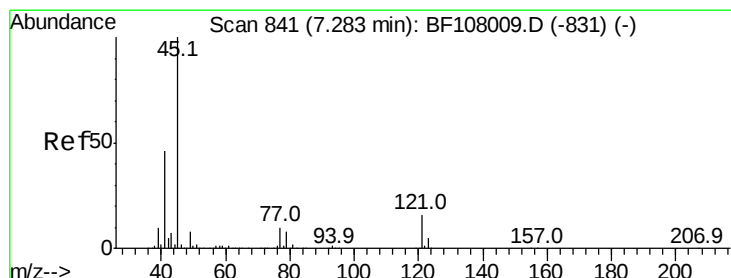
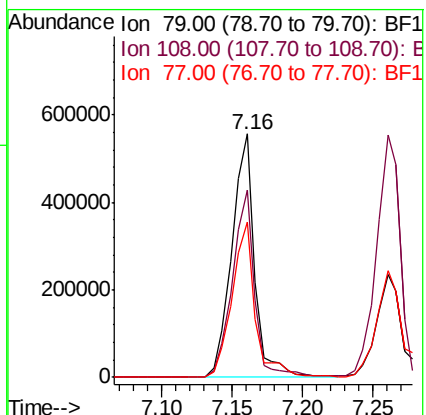
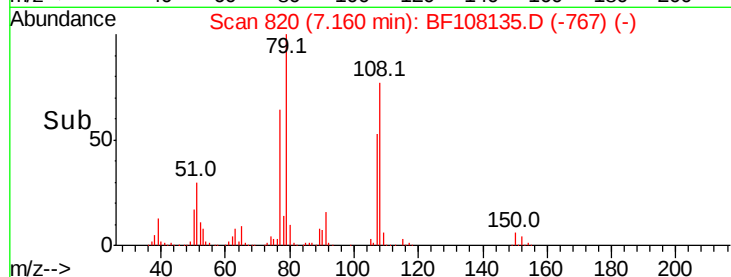
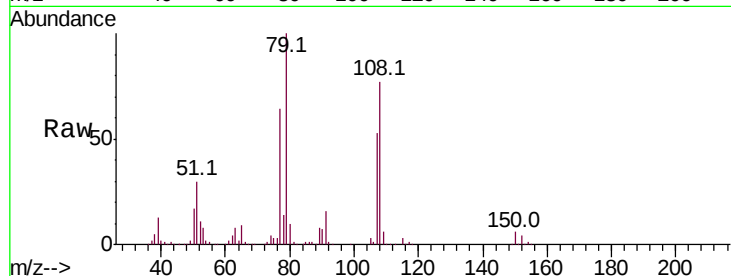
Tot Ion: 79 Resp: 629569

Ion Ratio Lower Upper

79 100

108 76.9 65.1 97.7

77 63.6 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.776 ng

RT: 7.29 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

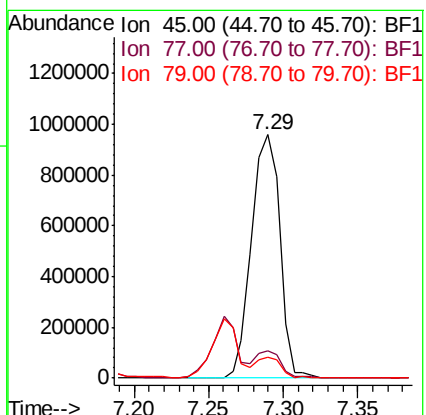
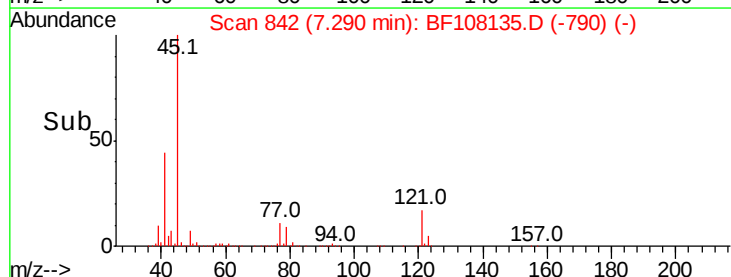
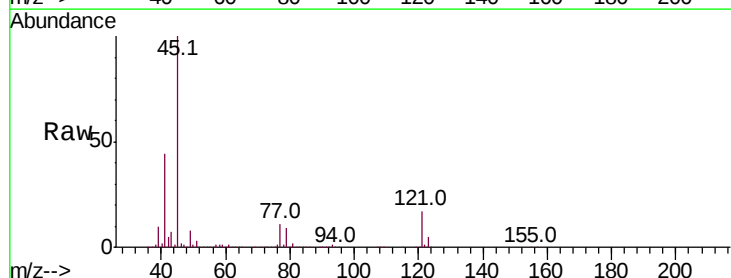
Tgt Ion: 45 Resp: 1254988

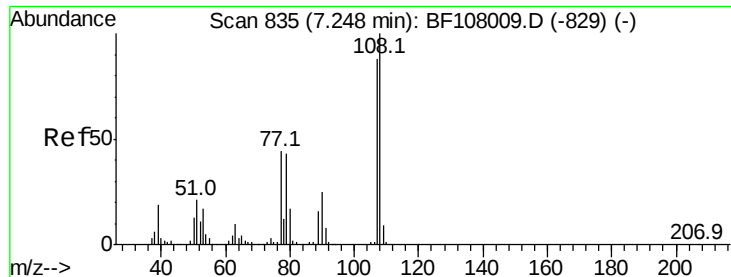
Ion Ratio Lower Upper

45 100

77 11.3 0.0 32.9

79 8.8 0.0 29.6

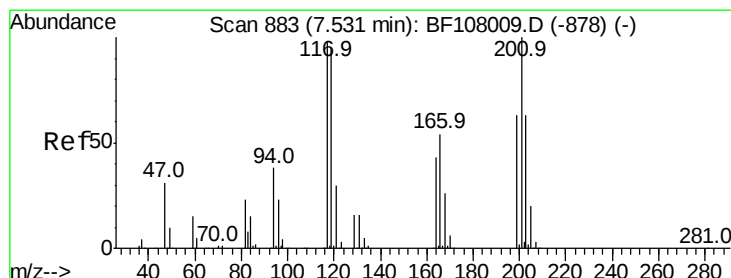
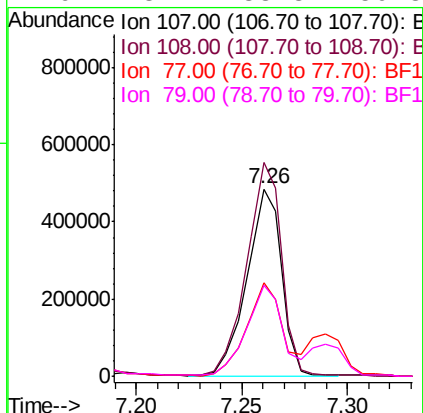
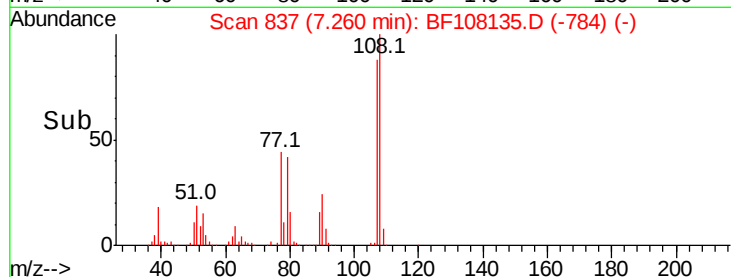
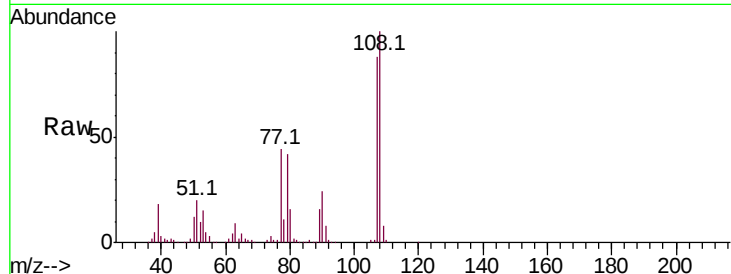




#17
2-Methylphenol
Concen: 39.316 ng
RT: 7.26 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

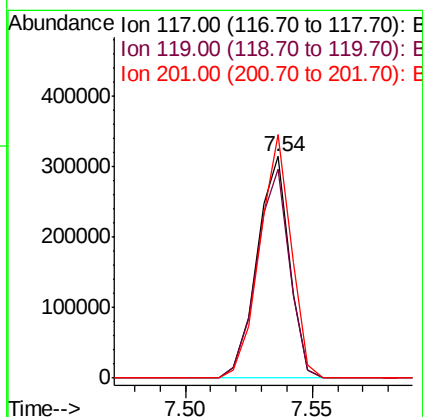
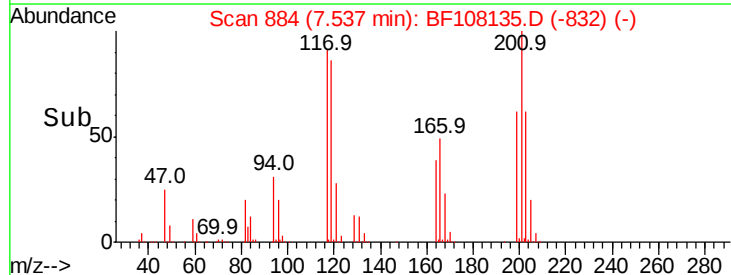
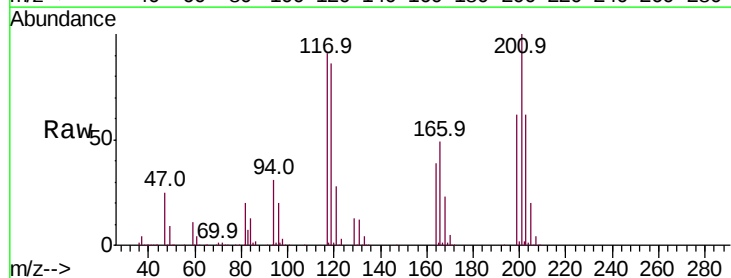
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

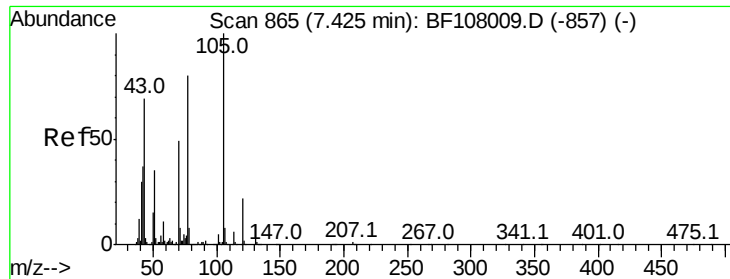
Tot Ion:	107	Resp:	551056
Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.7	137.5
77	49.9	33.8	50.8
79	48.4	33.8	50.8



#18
Hexachloroethane
Concen: 41.448 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

Tgt Ion:	117	Resp:	280185
Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.8	113.8
201	110.0	75.7	113.5

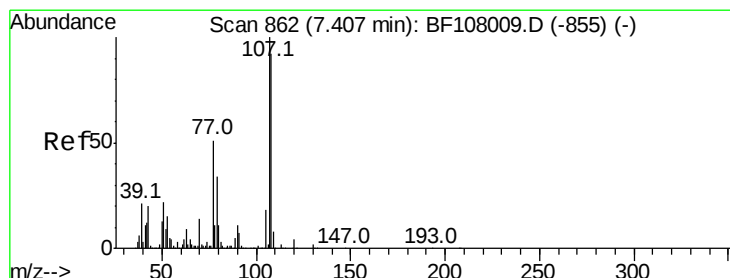
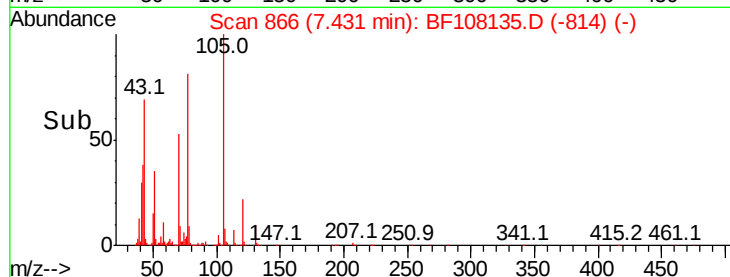
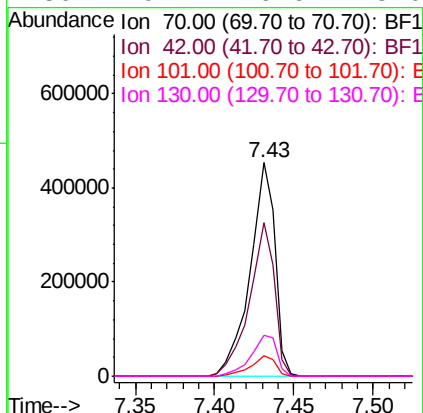
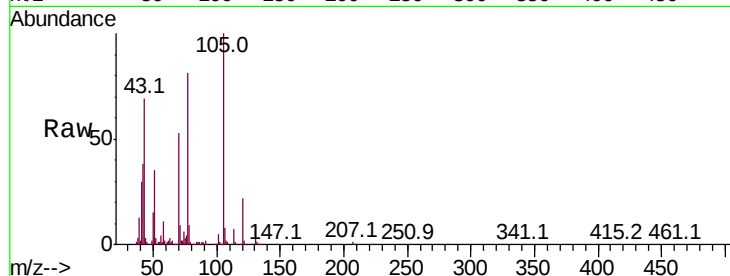




#19
n-Nitroso-di-n-propylamine
Concen: 38.093 ng
RT: 7.43 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

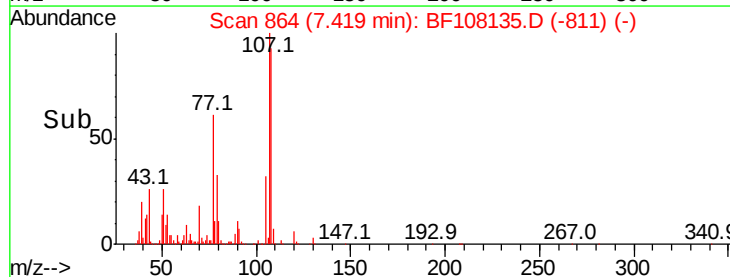
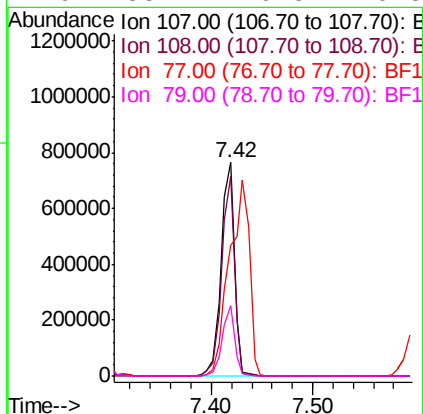
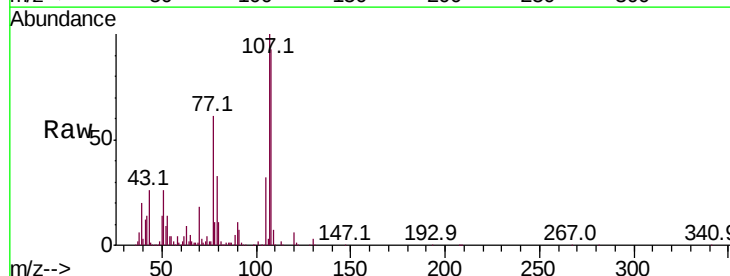
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

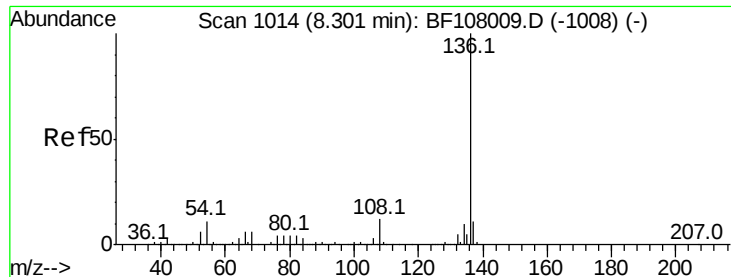
Tot Ion:	70	Resp:	496757
Ion	Ratio	Lower	Upper
70	100		
42	71.7	47.5	71.3#
101	9.3	7.4	11.2
130	19.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.020 ng
RT: 7.42 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

Tgt Ion:	107	Resp:	700853
Ion	Ratio	Lower	Upper
107	100		
108	93.4	68.2	108.2
77	61.0	26.7	66.7
79	33.1	6.3	46.3

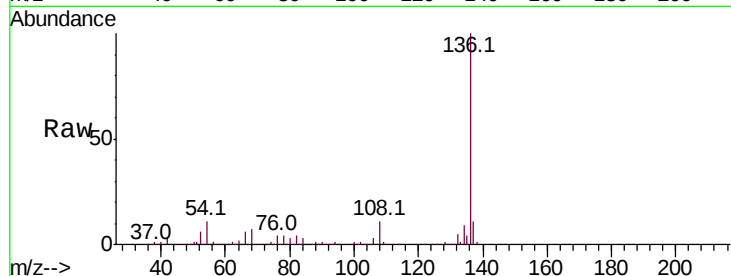




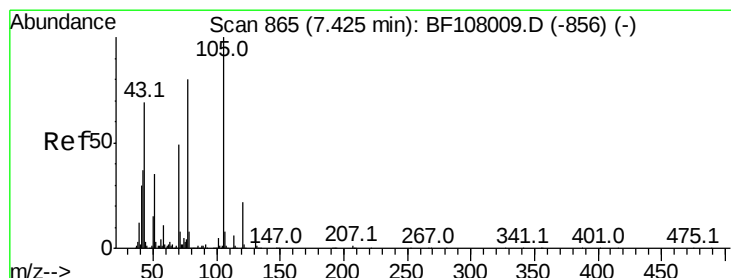
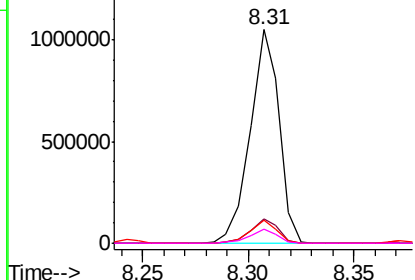
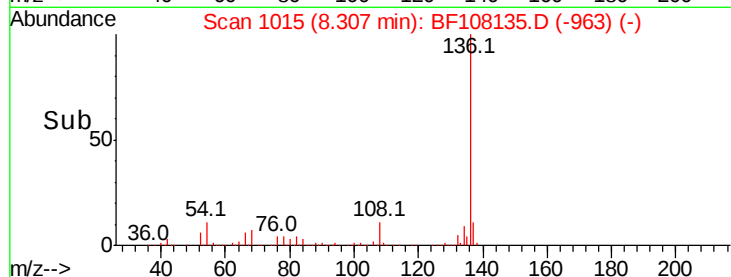
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	999350
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.9 13.3
54	10.7	6.6 9.8#
68	6.6	5.0 7.4

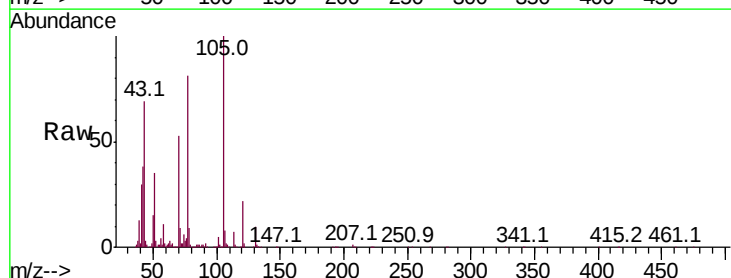


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

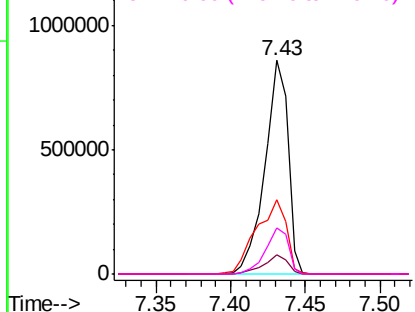
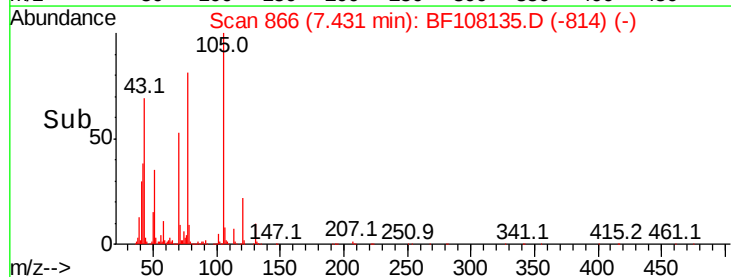


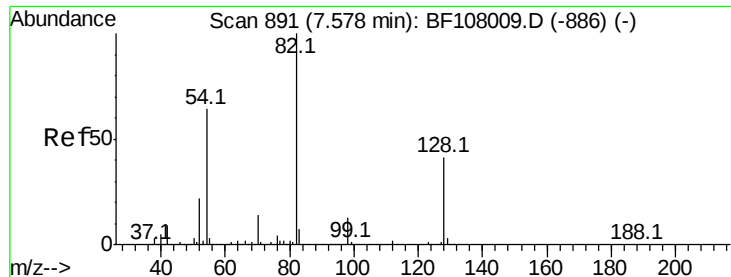
#22
Acetophenone
Concen: 39.098 ng
RT: 7.43 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

Tgt Ion:105	Resp:	913629
Ion Ratio	Lower	Upper
105	100	
71	8.8	4.4 6.6#
51	34.9	22.3 33.5#
120	21.6	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

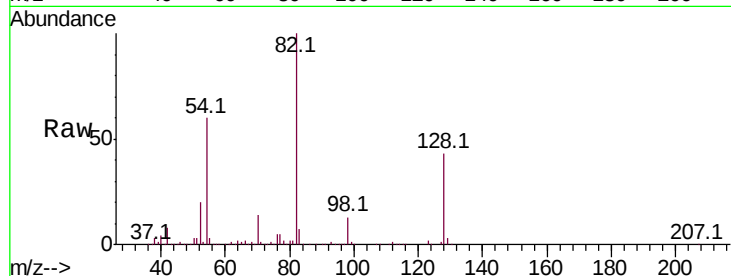




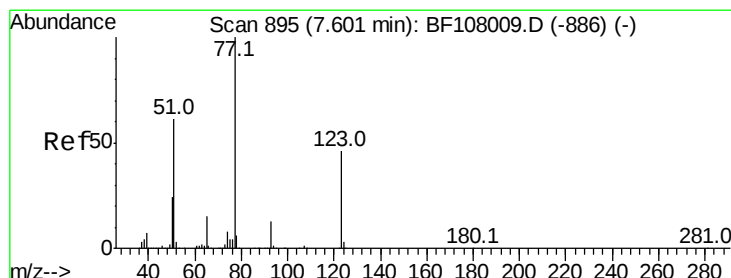
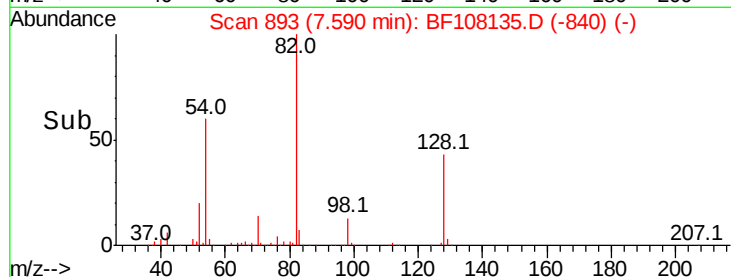
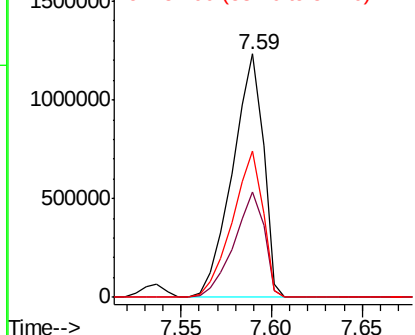
#23
 Nitrobenzene-d5
 Concen: 81.635 ng
 RT: 7.59 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: BF108135.D
 Acq: 14 Aug 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1462002
 Ion Ratio Lower Upper
 82 100
 128 43.1 36.1 54.1
 54 60.3 41.4 62.2

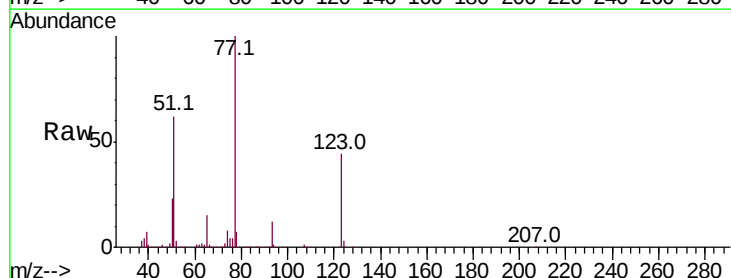


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

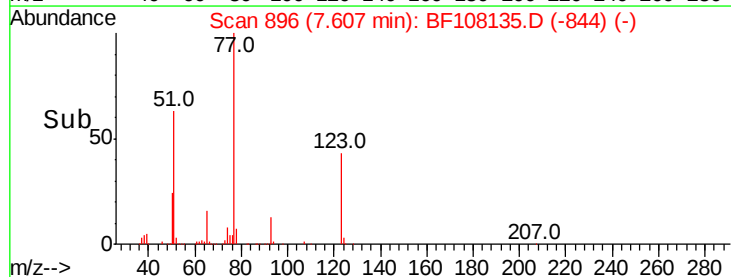
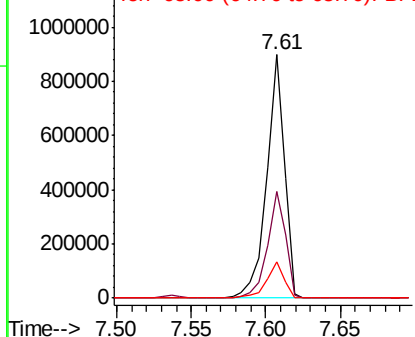


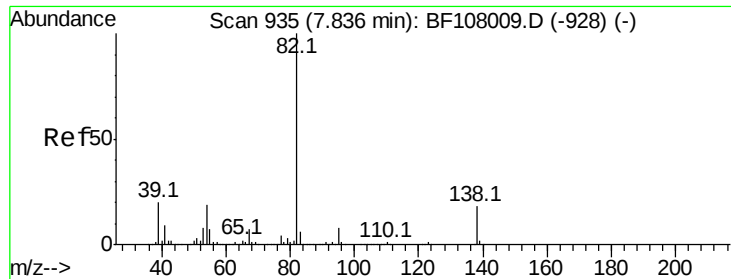
#24
 Nitrobenzene
 Concen: 40.546 ng
 RT: 7.61 min Scan# 896
 Delta R.T. 0.01 min
 Lab File: BF108135.D
 Acq: 14 Aug 2018 10:53

Tgt Ion: 77 Resp: 734285
 Ion Ratio Lower Upper
 77 100
 123 43.6 37.9 56.9
 65 15.1 11.0 16.4



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





#25

Isophorone

Concen: 39.311 ng

RT: 7.84 min Scan# 936

Delta R.T. 0.01 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

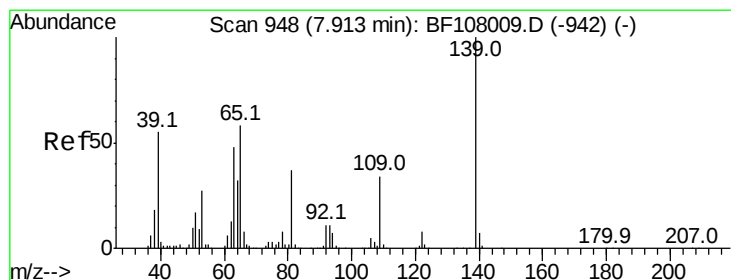
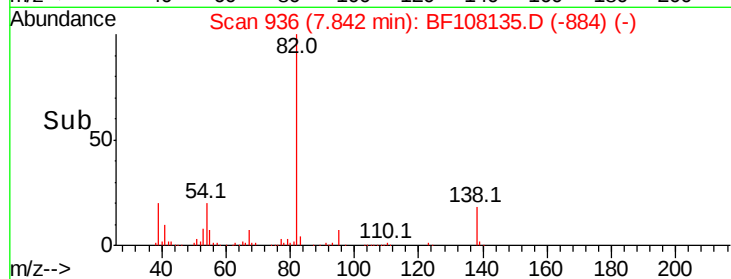
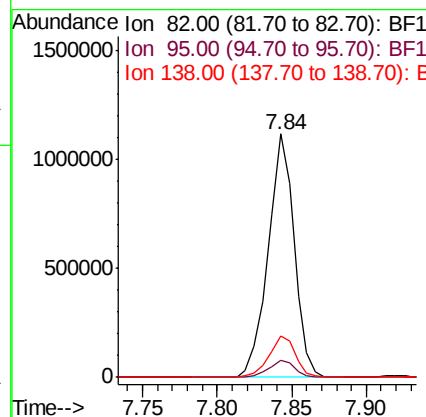
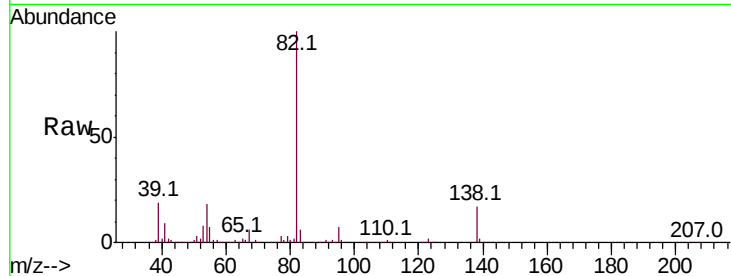
Tot Ion: 82 Resp: 1341889

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

138 17.2 14.9 22.3



#26

2-Nitrophenol

Concen: 46.461 ng

RT: 7.92 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

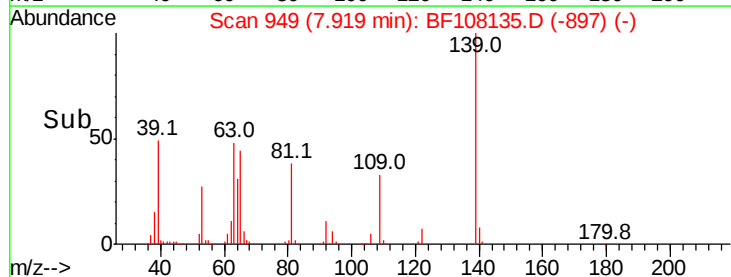
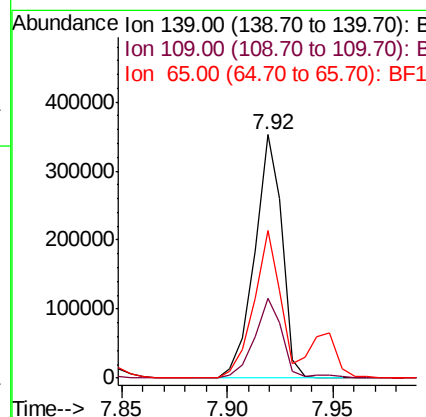
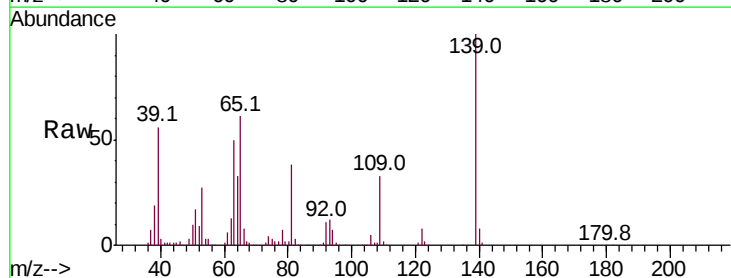
Tgt Ion:139 Resp: 317750

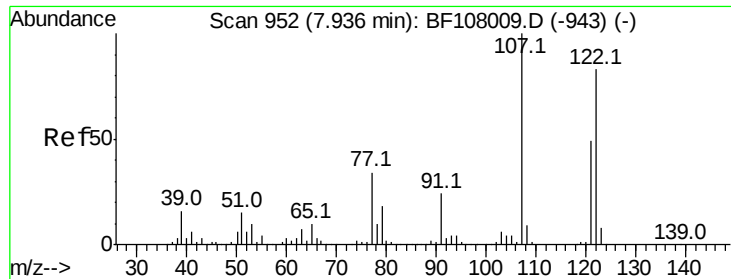
Ion Ratio Lower Upper

139 100

109 32.6 22.7 34.1

65 60.6 40.5 60.7

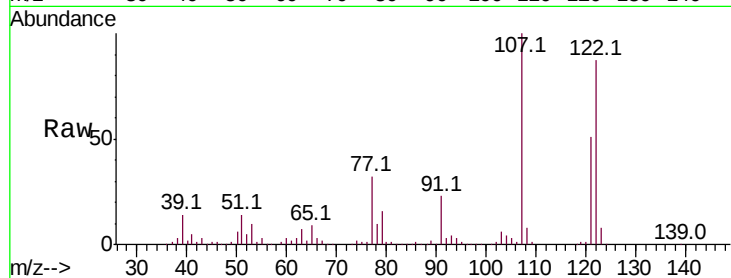




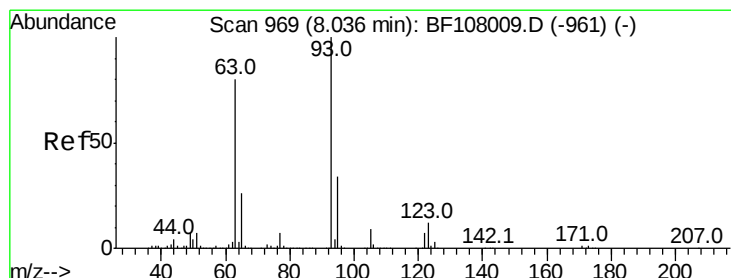
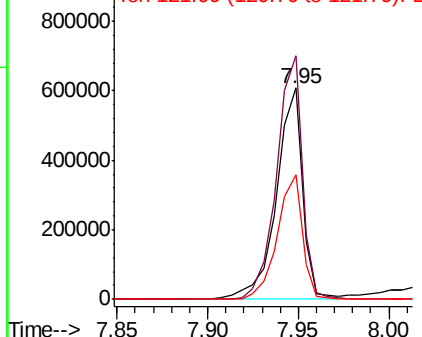
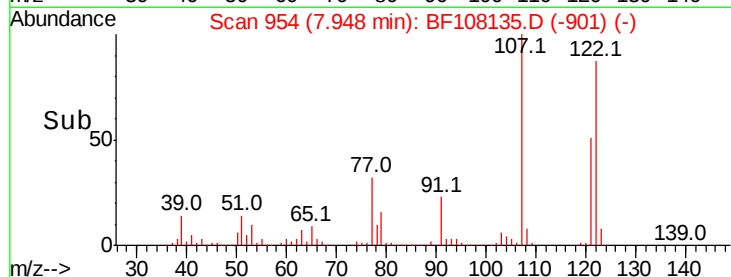
#27
 2,4-Dimethylphenol
 Concen: 40.258 ng
 RT: 7.95 min Scan# 954
 Delta R.T. 0.01 min
 Lab File: BF108135.D
 Acq: 14 Aug 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.3	91.2	136.8
121	58.8	47.2	70.8

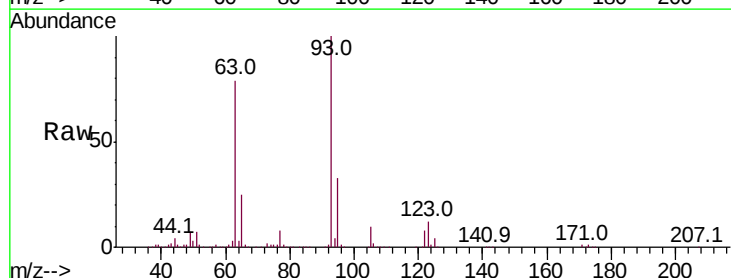


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

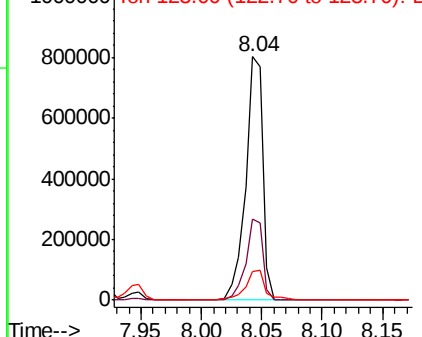
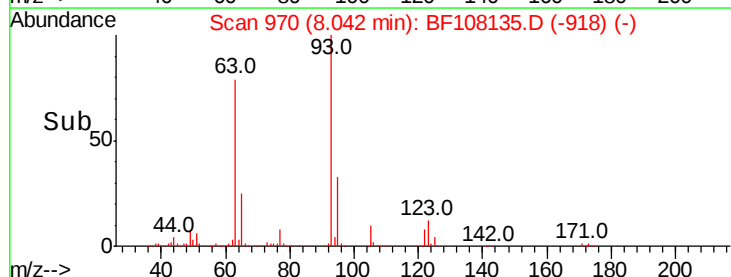


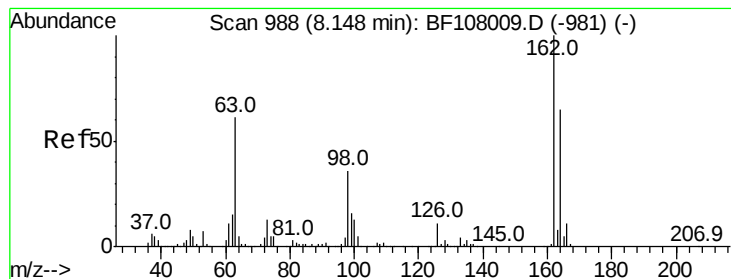
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.052 ng
 RT: 8.04 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF108135.D
 Acq: 14 Aug 2018 10:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.3	39.5
123	11.8	9.8	14.6



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





#29

2,4-Dichlorophenol

Concen: 41.336 ng

RT: 8.16 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

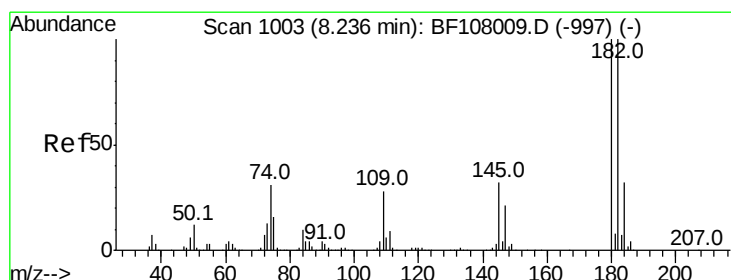
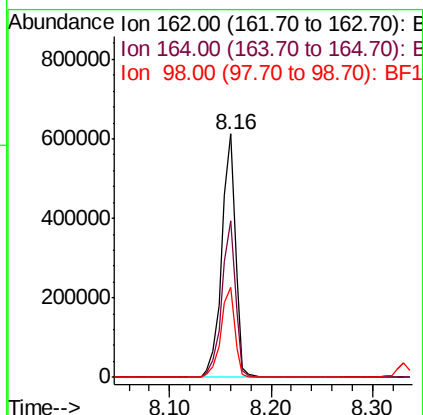
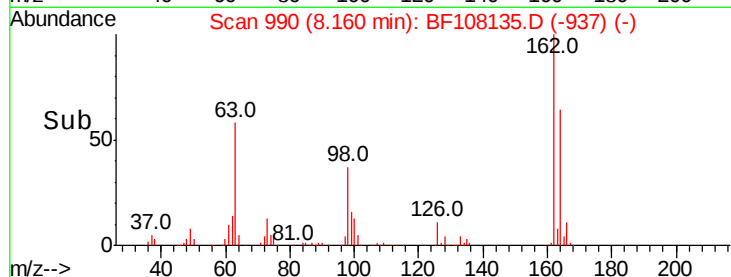
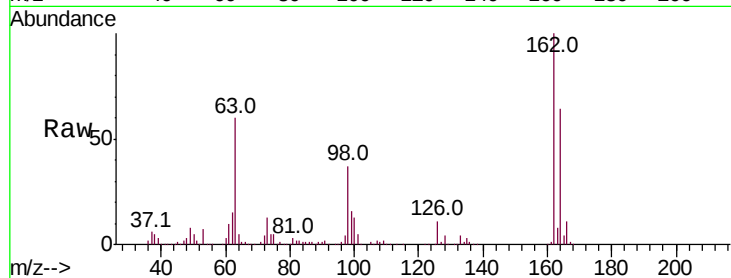
Tot Ion:162 Resp: 576314

Ion Ratio Lower Upper

162 100

164 64.3 42.7 82.7

98 37.0 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 40.676 ng

RT: 8.25 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

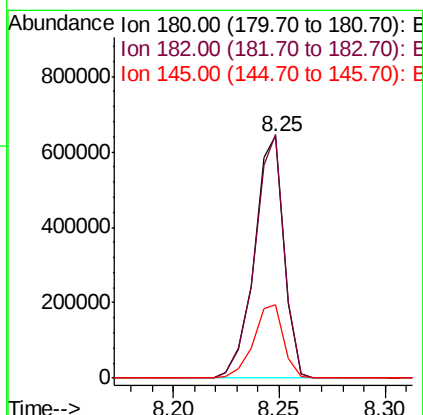
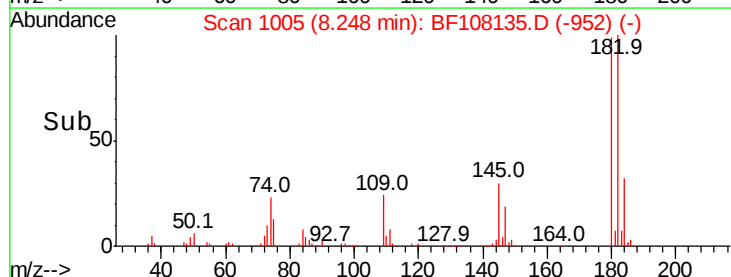
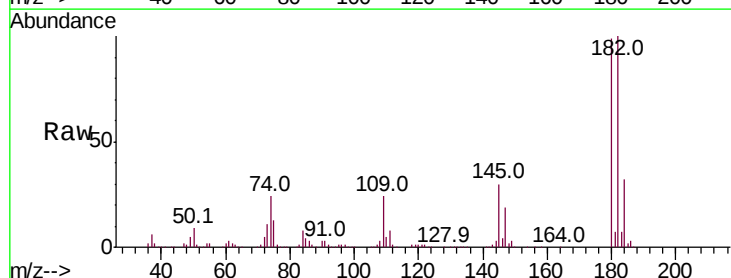
Tgt Ion:180 Resp: 625268

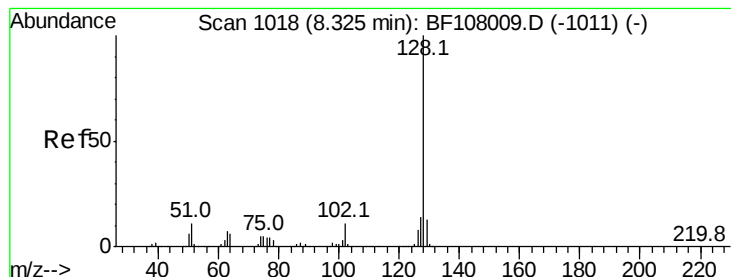
Ion Ratio Lower Upper

180 100

182 100.7 76.8 115.2

145 30.3 26.5 39.7





#31

Naphthalene

Concen: 40.119 ng

RT: 8.33 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

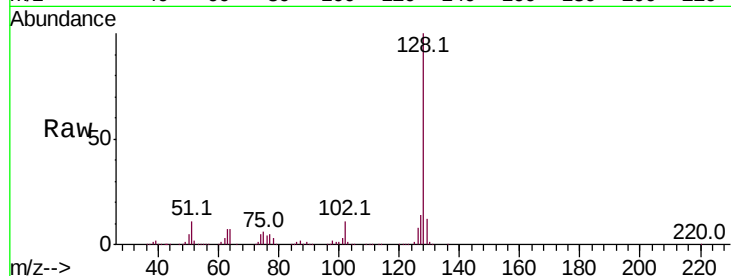
Tot Ion:128 Resp: 1823345

Ion Ratio Lower Upper

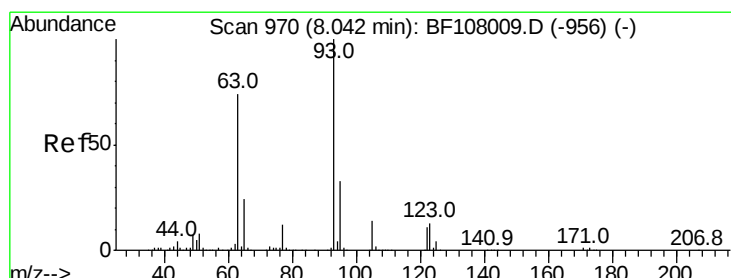
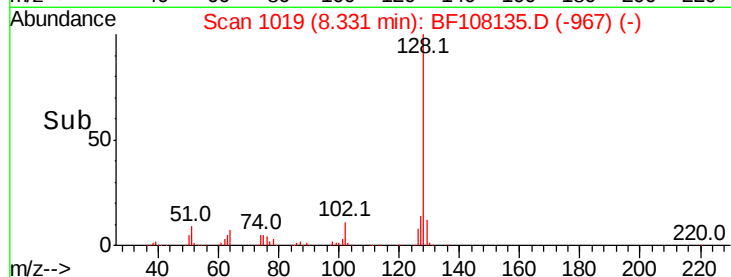
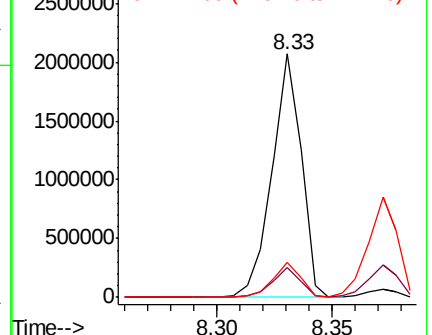
128 100

129 12.4 8.8 13.2

127 14.5 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: 37.657 ng

RT: 8.07 min Scan# 974

Delta R.T. 0.02 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

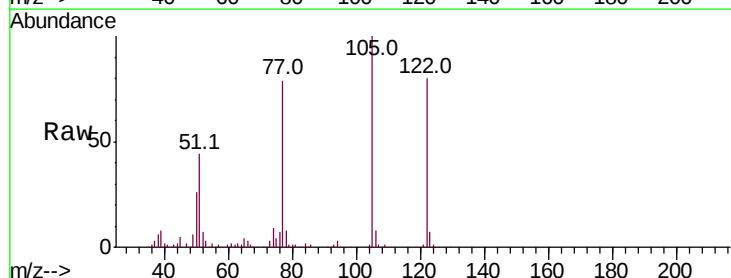
Tgt Ion:122 Resp: 318136

Ion Ratio Lower Upper

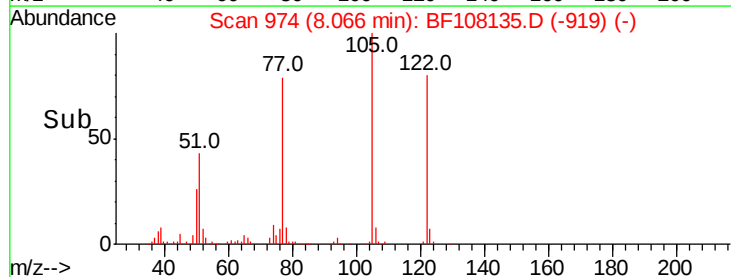
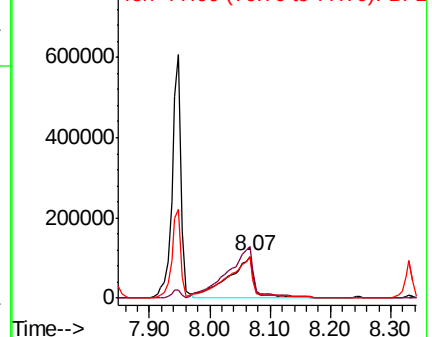
122 100

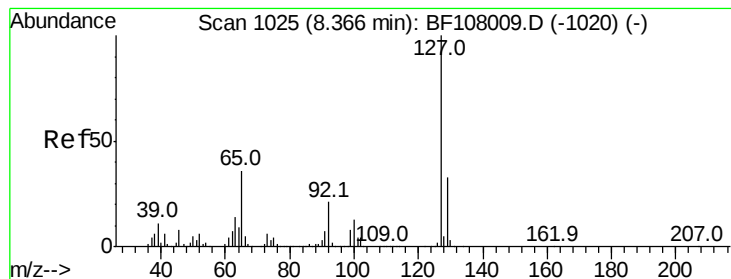
105 125.6 101.1 141.1

77 99.7 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: 39.364 ng

RT: 8.37 min Scan# 1026

Delta R.T. 0.01 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 779649

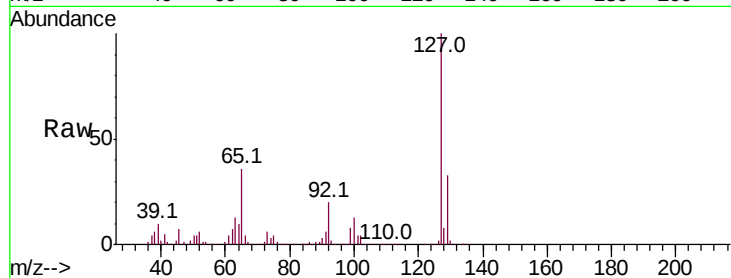
Ion Ratio Lower Upper

127 100

129 32.6 25.9 38.9

65 35.9 25.0 37.4

92 20.5 15.2 22.8

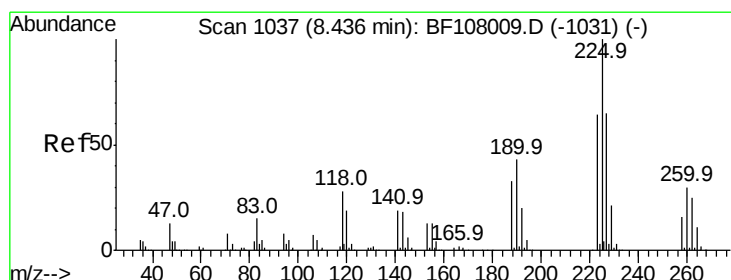
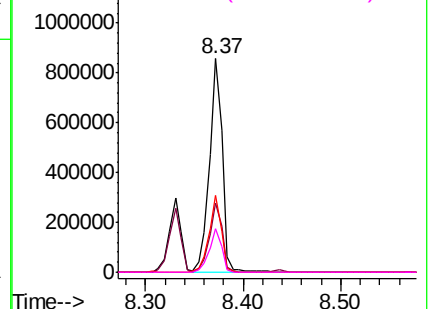
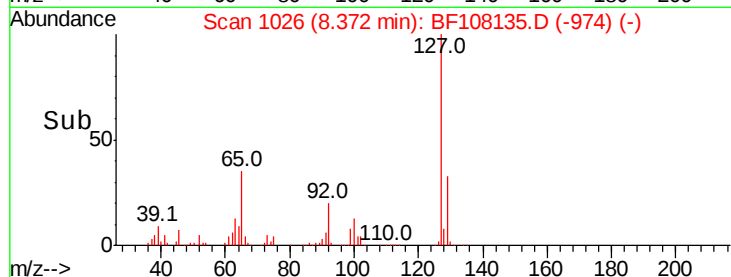


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.248 ng

RT: 8.44 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

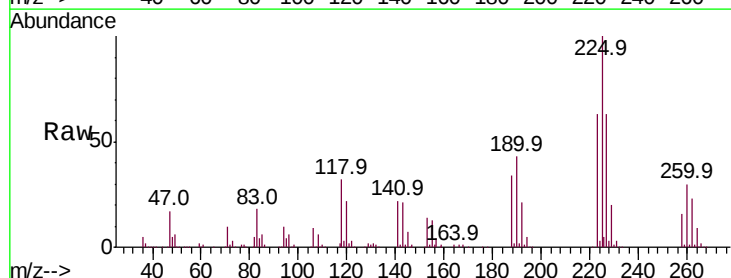
Tgt Ion:225 Resp: 401388

Ion Ratio Lower Upper

225 100

223 63.1 50.6 76.0

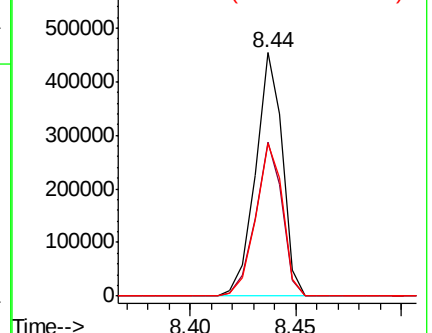
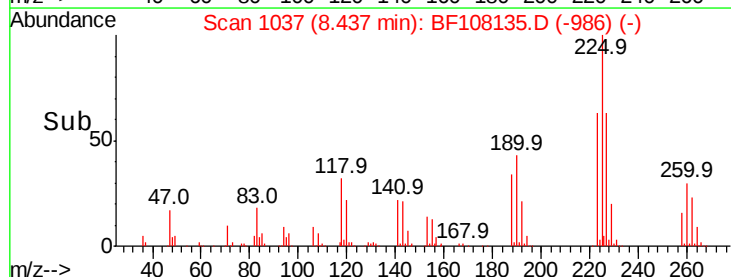
227 62.8 51.9 77.9

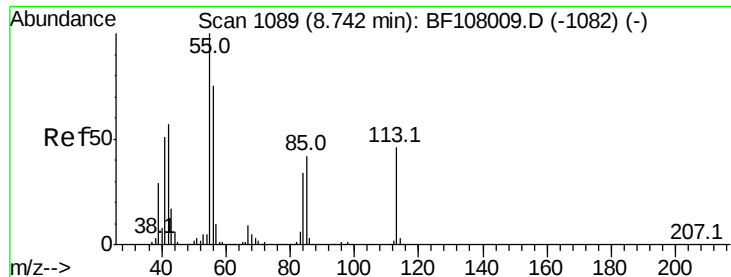


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.988 ng

RT: 8.75 min Scan# 1091

Delta R.T. 0.01 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

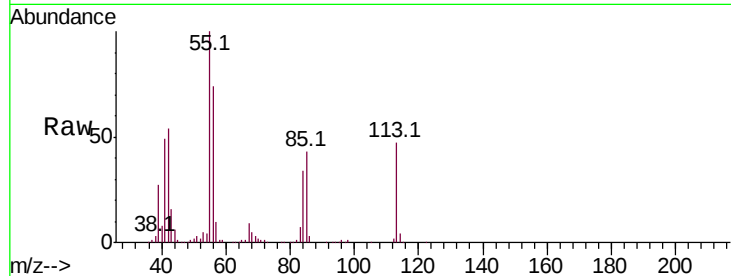
Tot Ion:113 Resp: 170344

Ion Ratio Lower Upper

113 100

55 213.5 163.3 203.3#

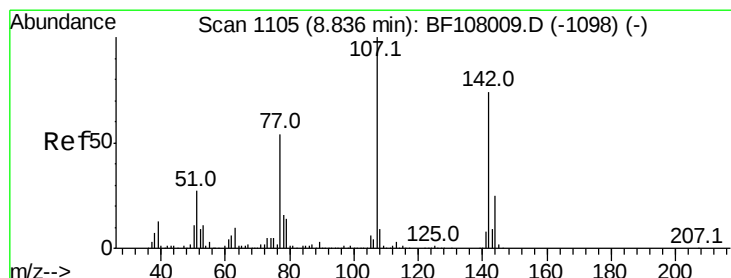
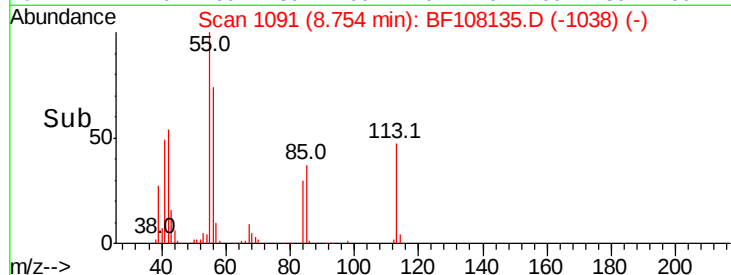
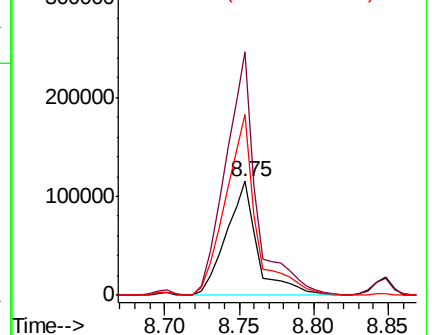
56 158.6 115.7 155.7#



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: 39.220 ng

RT: 8.85 min Scan# 1107

Delta R.T. 0.01 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

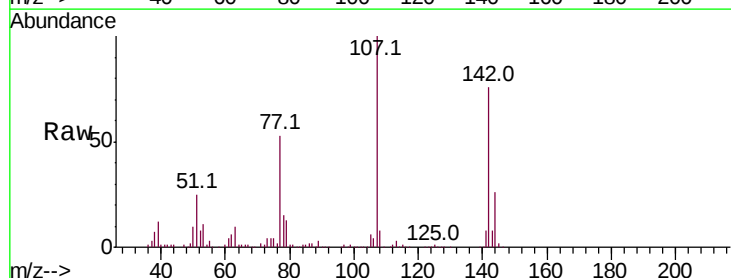
Tgt Ion:107 Resp: 589903

Ion Ratio Lower Upper

107 100

144 26.3 20.5 30.7

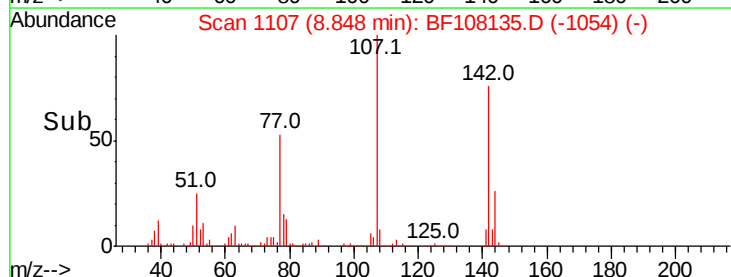
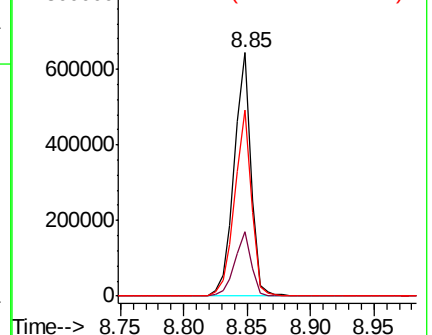
142 76.2 62.0 93.0

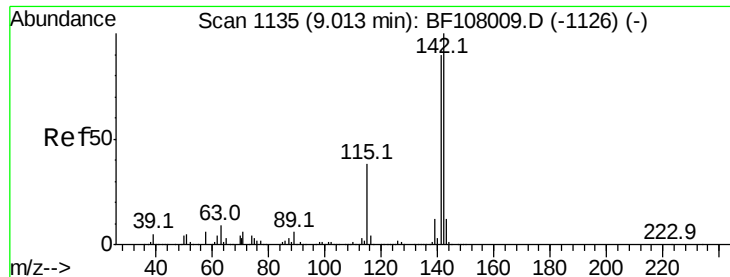


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

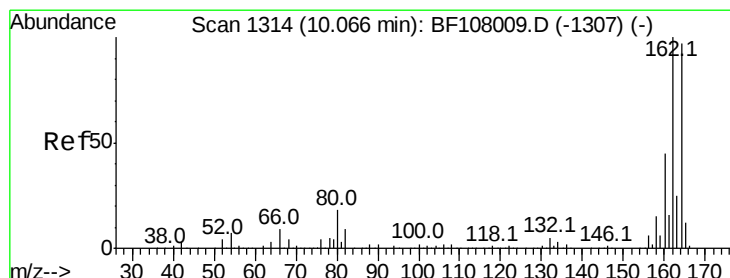
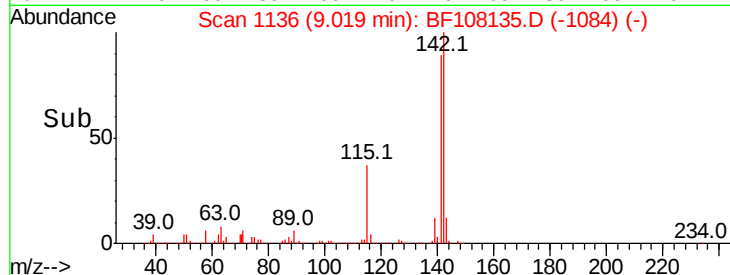
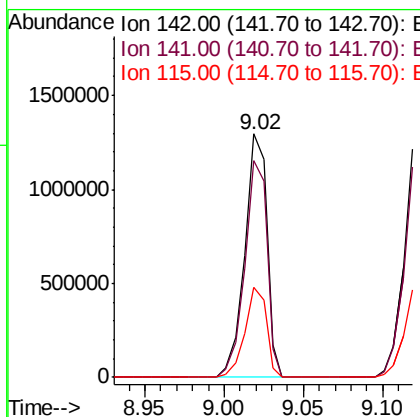
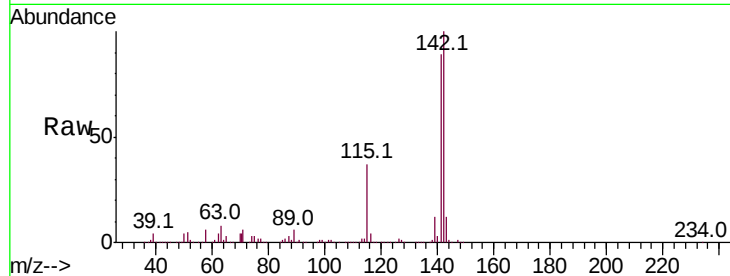




#37
 2-Methylnaphthalene
 Concen: 39.012 ng
 RT: 9.02 min Scan# 1136
 Delta R.T. 0.01 min
 Lab File: BF108135.D
 Acq: 14 Aug 2018 10:53

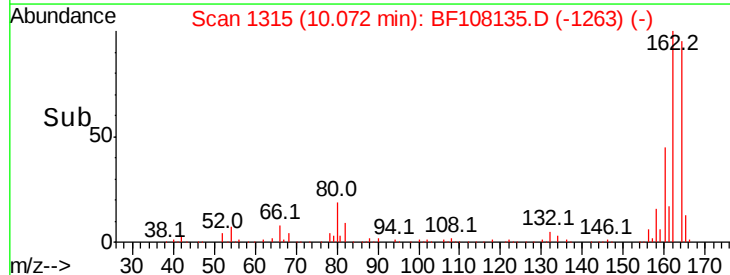
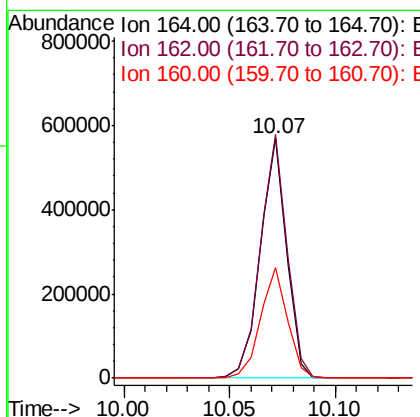
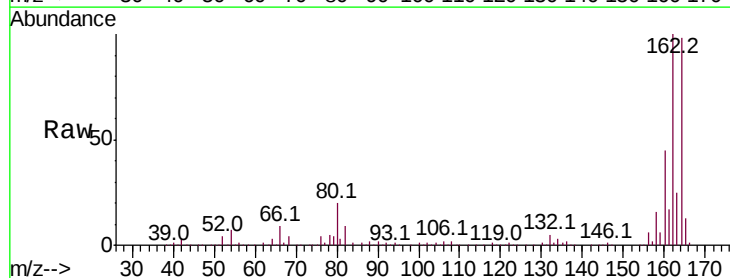
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

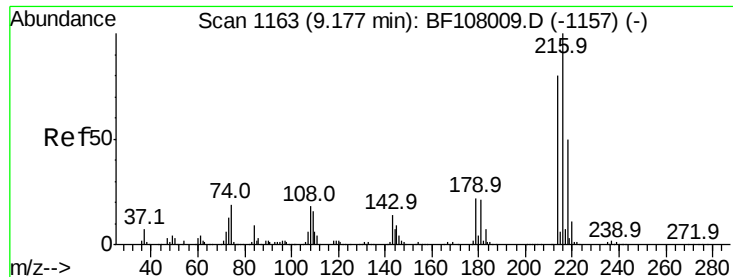
Tot Ion:142 Resp: 1254449
 Ion Ratio Lower Upper
 142 100
 141 89.2 70.8 106.2
 115 37.0 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF108135.D
 Acq: 14 Aug 2018 10:53

Tgt Ion:164 Resp: 493294
 Ion Ratio Lower Upper
 164 100
 162 101.6 86.1 129.1
 160 46.1 38.3 57.5

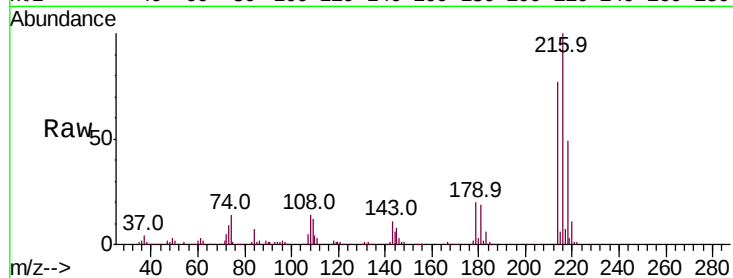




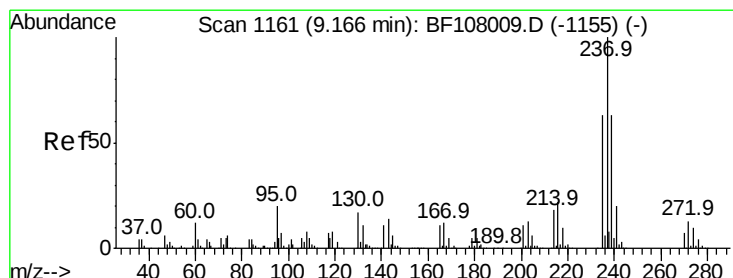
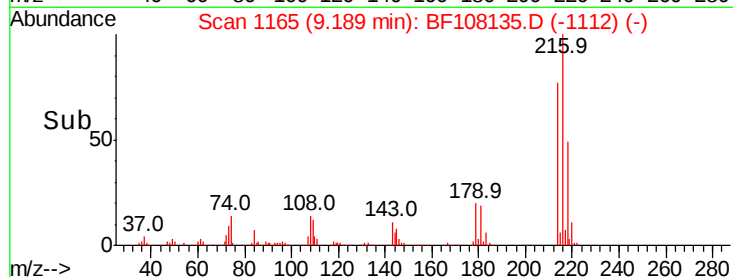
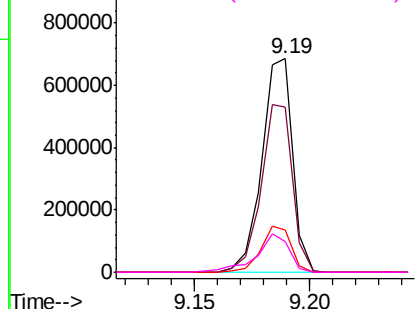
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.145 ng
 RT: 9.19 min Scan# 1165
 Delta R.T. 0.01 min
 Lab File: BF108135.D
 Acq: 14 Aug 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	638429
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	20.8	18.1	27.1
108	18.8	17.2	25.8

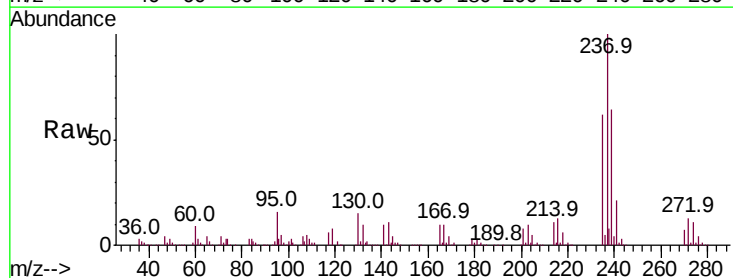


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

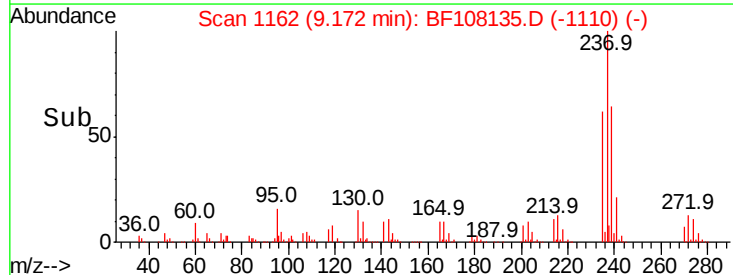
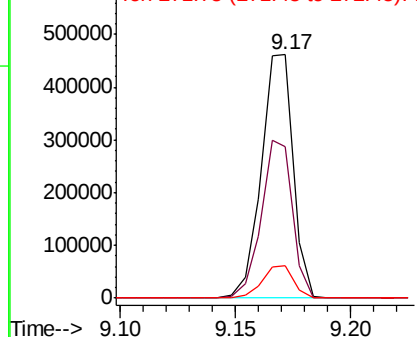


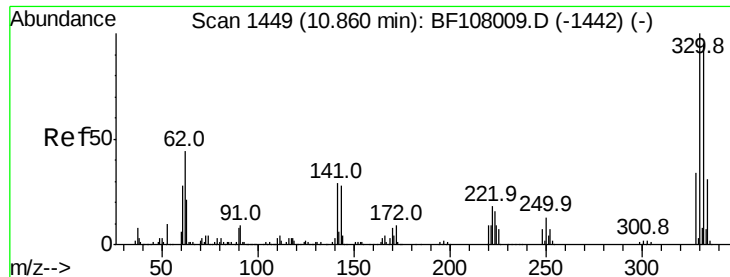
#40
 Hexachlorocyclopentadiene
 Concen: 45.521 ng
 RT: 9.17 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: BF108135.D
 Acq: 14 Aug 2018 10:53

Tgt Ion:	237	Resp:	445409
Ion	Ratio	Lower	Upper
237	100		
235	62.0	44.8	84.8
272	13.4	0.0	33.3



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

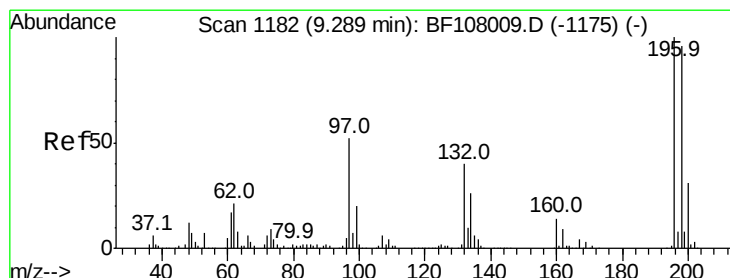
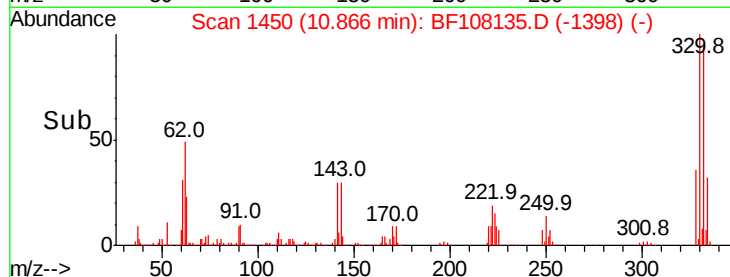
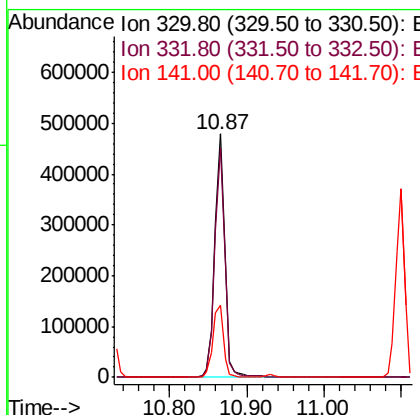
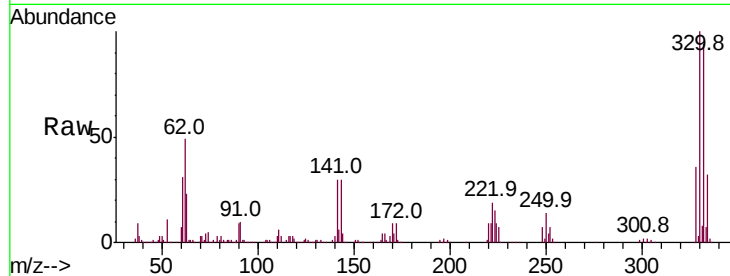




#41
 2,4,6-Tribromophenol
 Concen: 86.093 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108135.D
 Acq: 14 Aug 2018 10:53

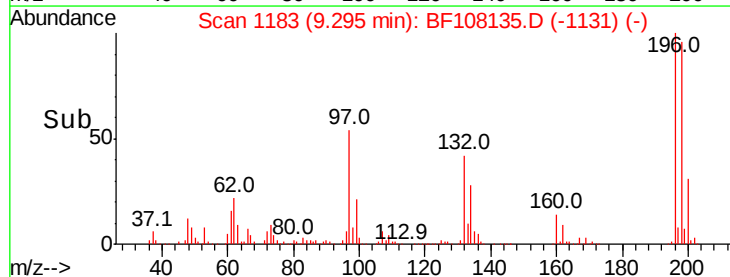
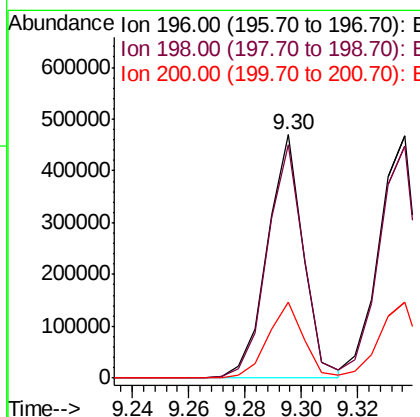
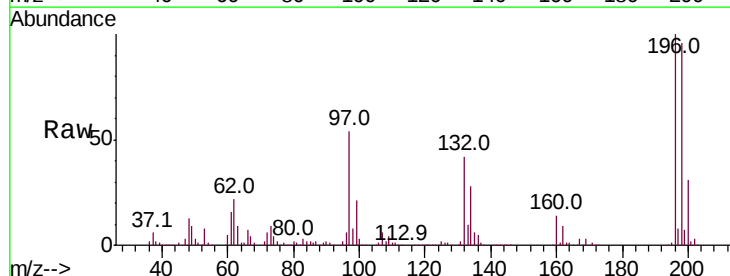
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

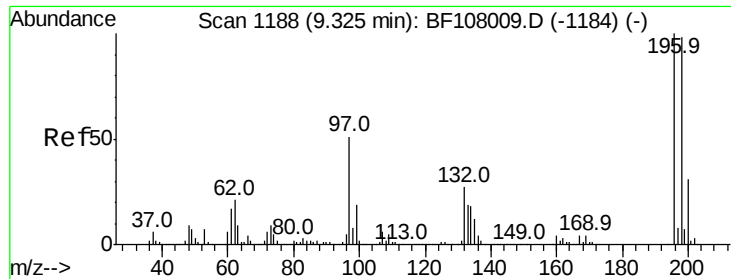
Tot Ion:330 Resp: 423619
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 32.1 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 44.025 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF108135.D
 Acq: 14 Aug 2018 10:53

Tgt Ion:196 Resp: 413855
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.7 113.5
 200 31.2 24.5 36.7

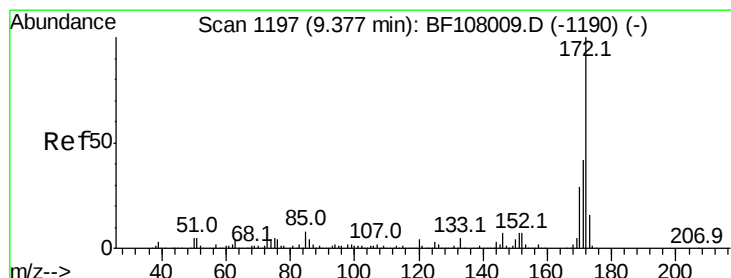
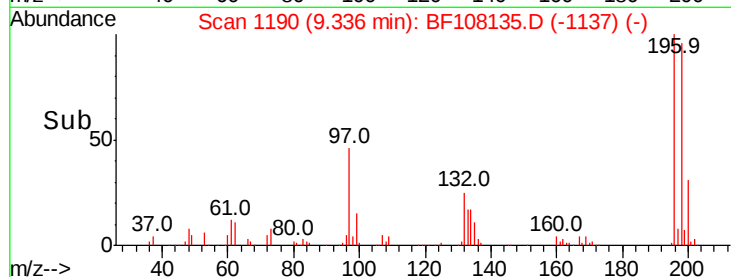
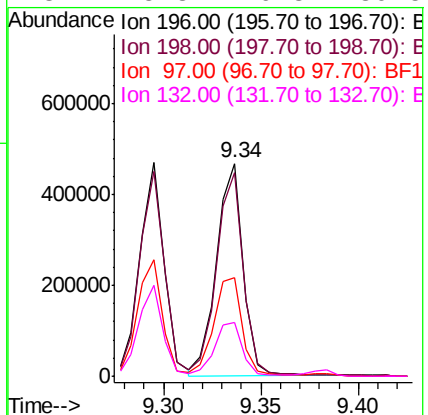
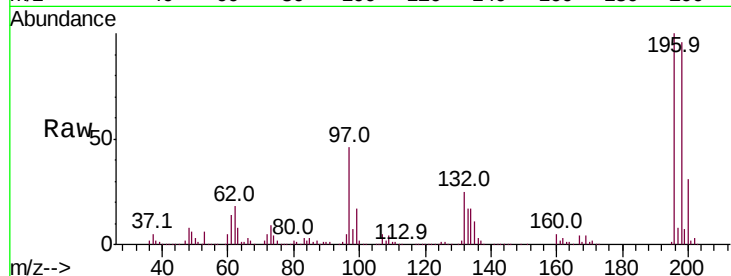




#43
 2,4,5-Trichlorophenol
 Concen: 42.780 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF108135.D
 Acq: 14 Aug 2018 10:53

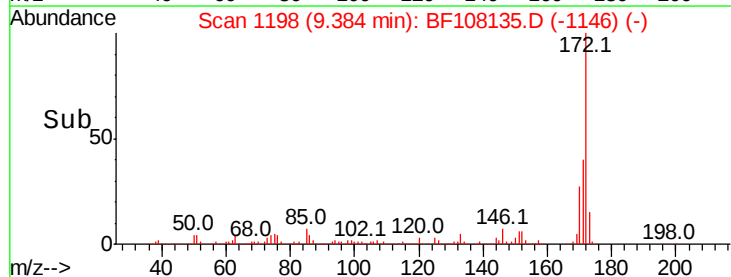
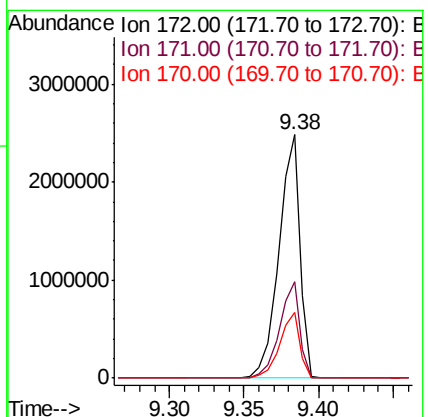
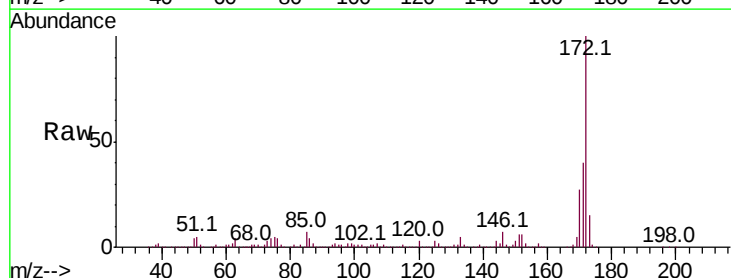
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

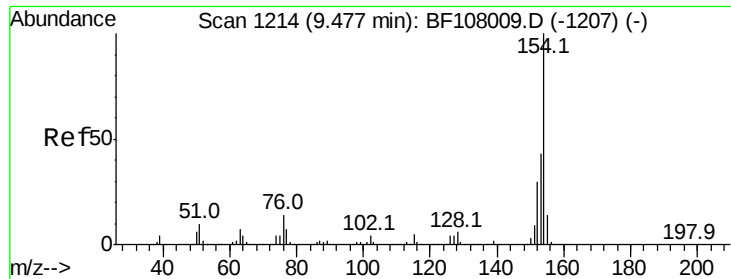
Tot Ion:196 Resp: 442692
 Ion Ratio Lower Upper
 196 100
 198 95.8 74.6 112.0
 97 46.1 42.9 64.3
 132 25.3 26.3 39.5#



#44
 2-Fluorobiphenyl
 Concen: 79.976 ng
 RT: 9.38 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF108135.D
 Acq: 14 Aug 2018 10:53

Tgt Ion:172 Resp: 2457330
 Ion Ratio Lower Upper
 172 100
 171 39.9 29.7 44.5
 170 26.8 19.6 29.4

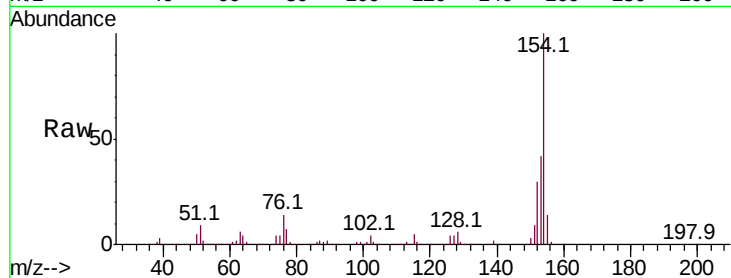




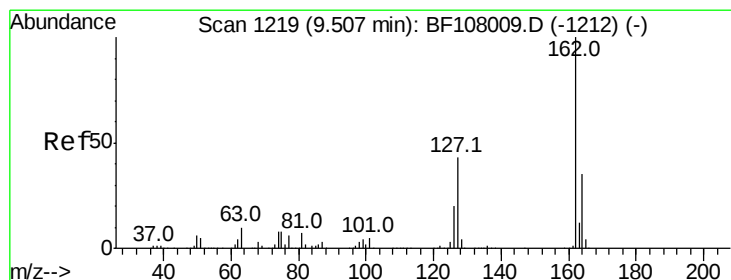
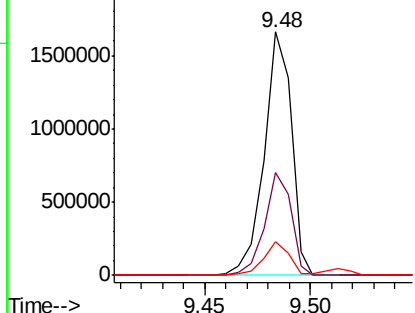
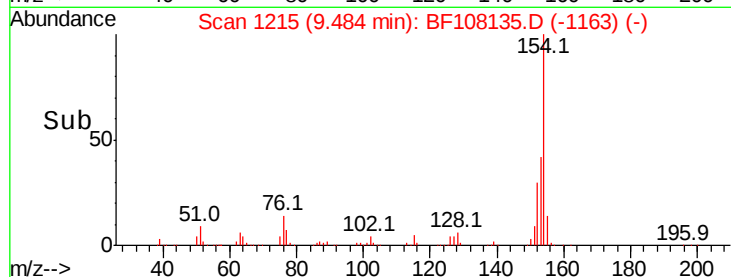
#45
 1,1'-Biphenyl
 Concen: 41.068 ng
 RT: 9.48 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF108135.D
 Acq: 14 Aug 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:154 Resp: 1493659
 Ion Ratio Lower Upper
 154 100
 153 42.2 21.3 61.3
 76 13.8 0.0 34.0

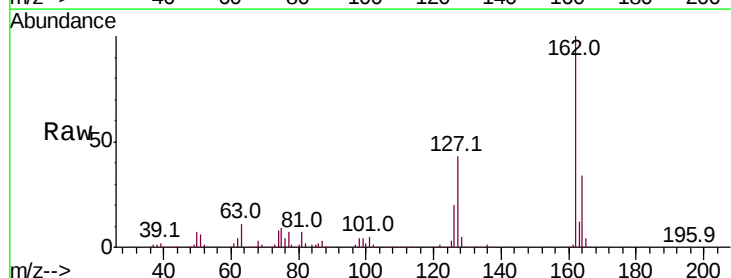


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

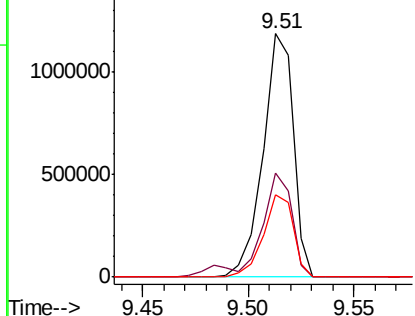
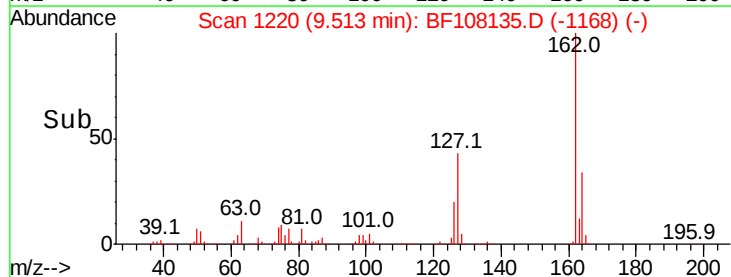


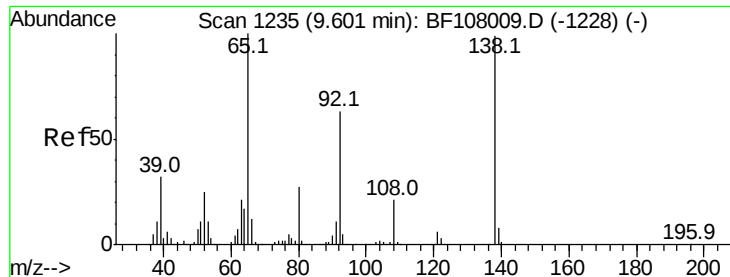
#46
 2-Chloronaphthalene
 Concen: 41.252 ng
 RT: 9.51 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF108135.D
 Acq: 14 Aug 2018 10:53

Tgt Ion:162 Resp: 1185830
 Ion Ratio Lower Upper
 162 100
 127 42.7 33.9 50.9
 164 33.8 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

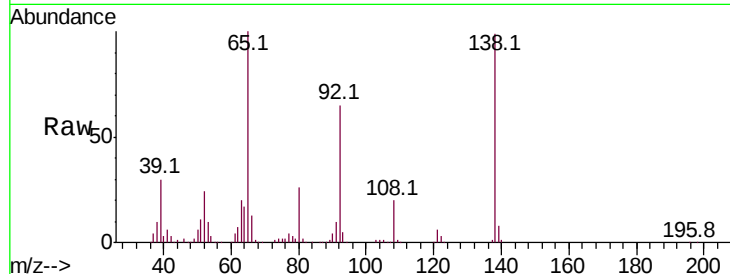




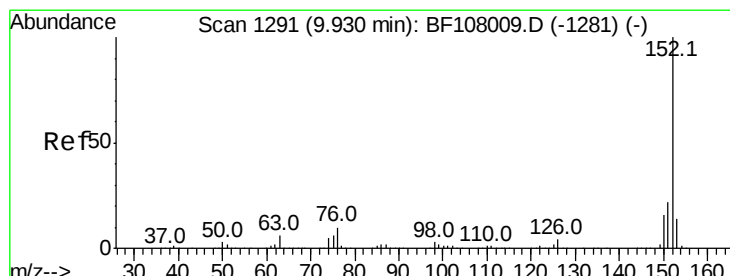
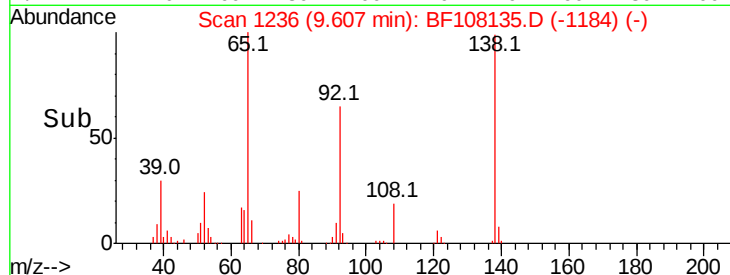
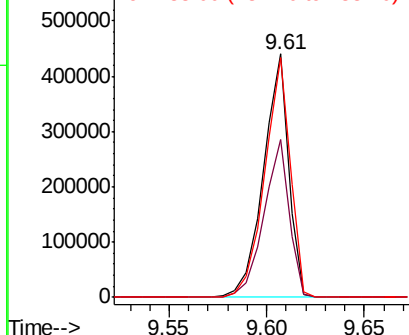
#47
2-Nitroaniline
Concen: 42.339 ng
RT: 9.61 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 65 Resp: 393795
Ion Ratio Lower Upper
65 100
92 64.9 55.8 83.6
138 98.7 91.2 136.8

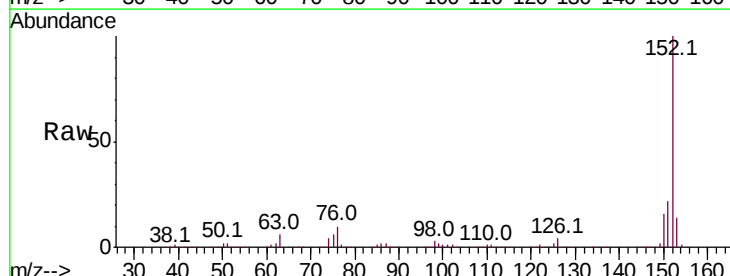


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

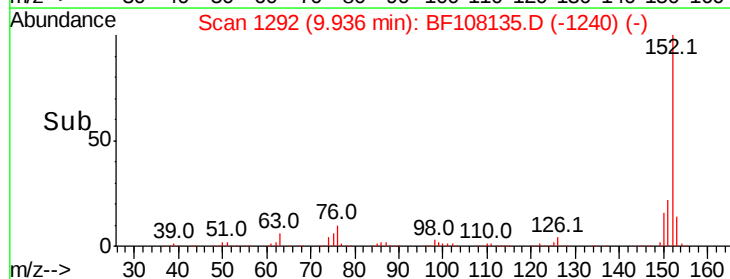
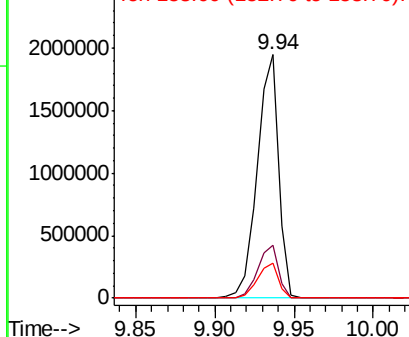


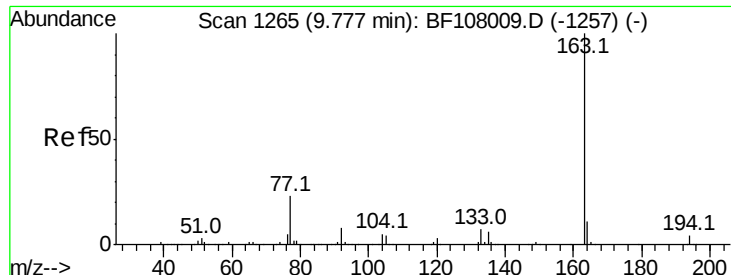
#48
Acenaphthylene
Concen: 40.260 ng
RT: 9.94 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

Tgt Ion: 152 Resp: 1829635
Ion Ratio Lower Upper
152 100
151 21.8 16.3 24.5
153 14.2 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

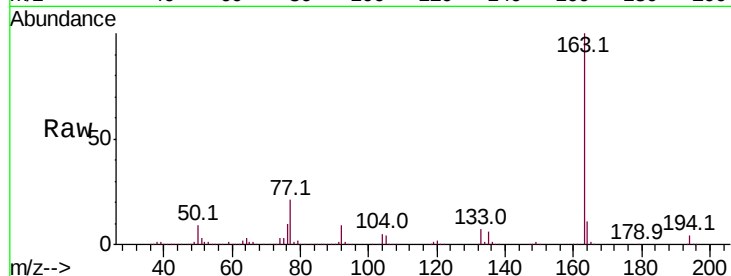




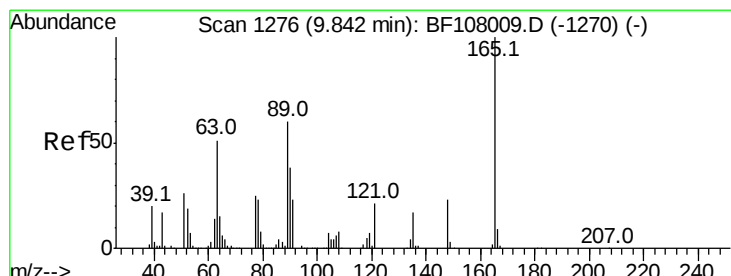
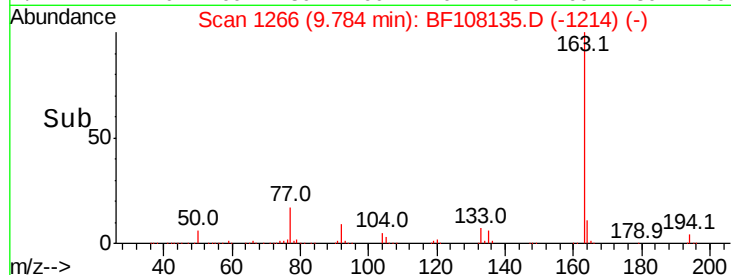
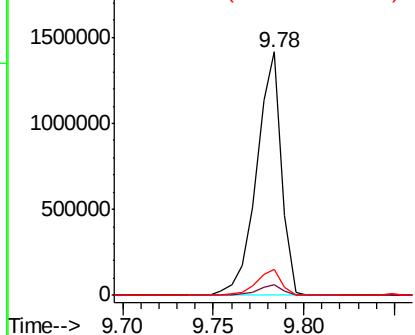
#49
Dimethylphthalate
Concen: 39.141 ng
RT: 9.78 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1344947
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.7 8.2 12.2

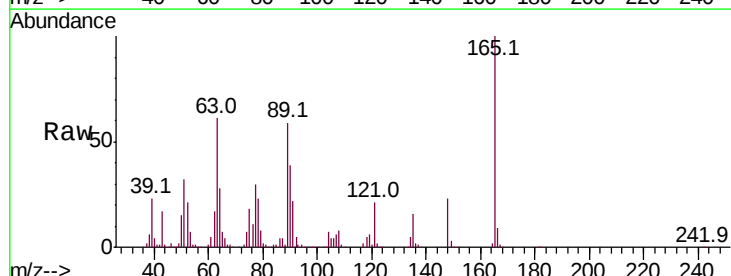


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

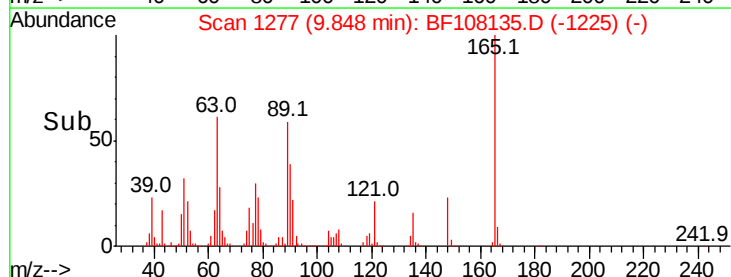
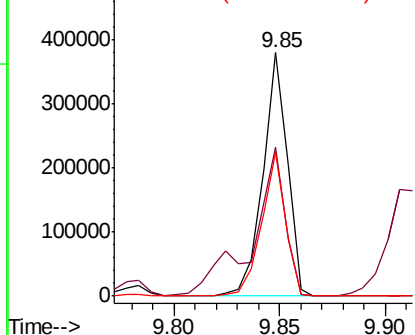


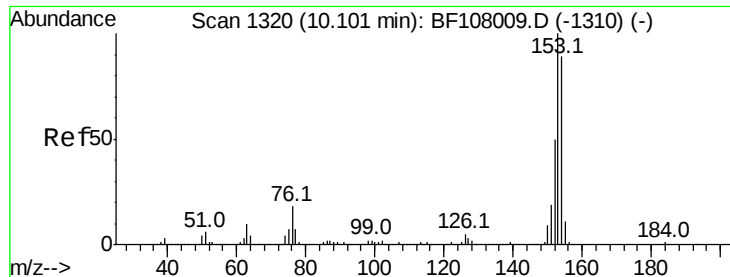
#50
2,6-Dinitrotoluene
Concen: 42.494 ng
RT: 9.85 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

Tgt Ion:165 Resp: 305501
Ion Ratio Lower Upper
165 100
63 61.1 44.7 67.1
89 58.8 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: 41.080 ng

RT: 10.11 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

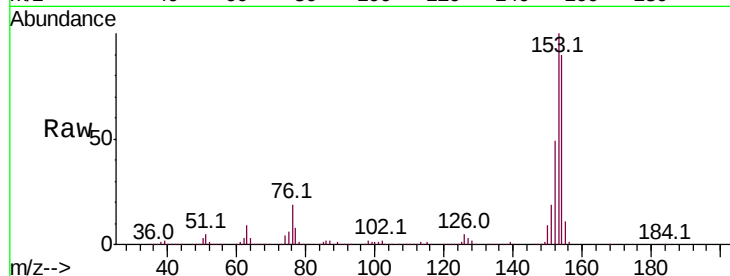
Tot Ion:154 Resp: 1143457

Ion Ratio Lower Upper

154 100

153 111.0 91.2 136.8

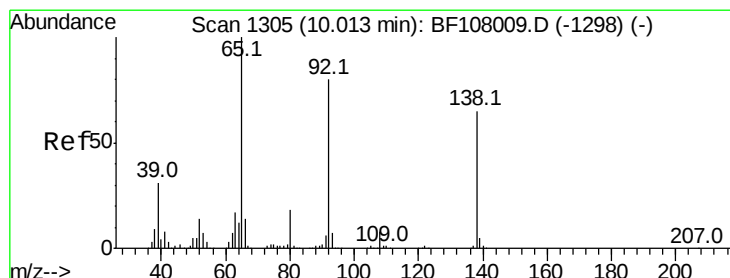
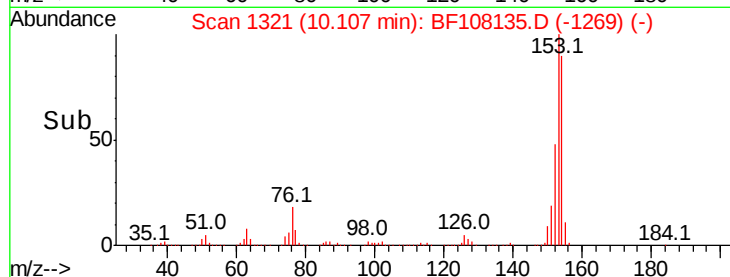
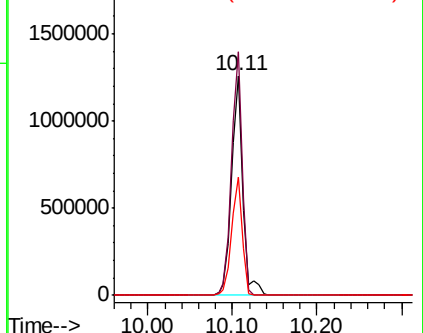
152 53.9 43.8 65.8



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: 41.356 ng

RT: 10.02 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

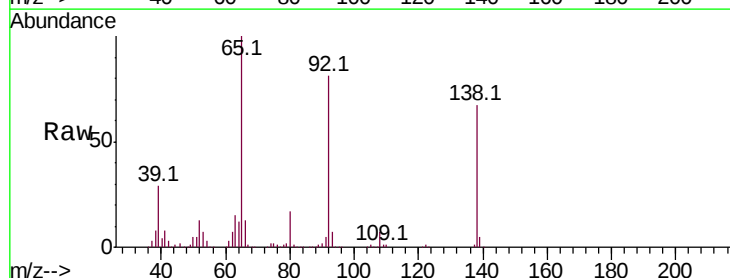
Tgt Ion:138 Resp: 325304

Ion Ratio Lower Upper

138 100

108 11.1 9.4 14.0

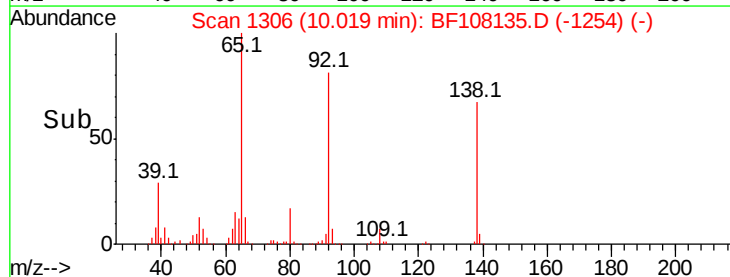
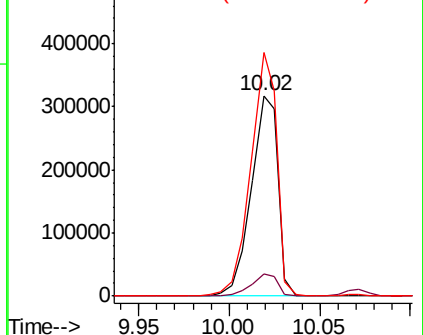
92 121.6 89.4 134.2

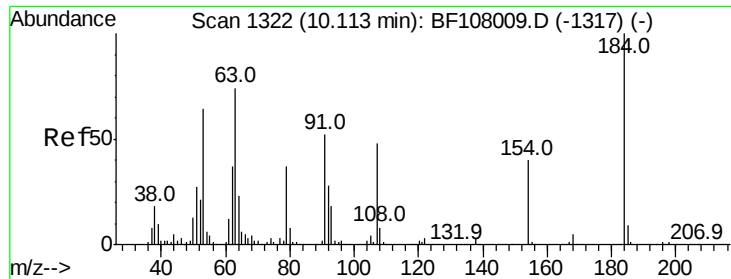


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

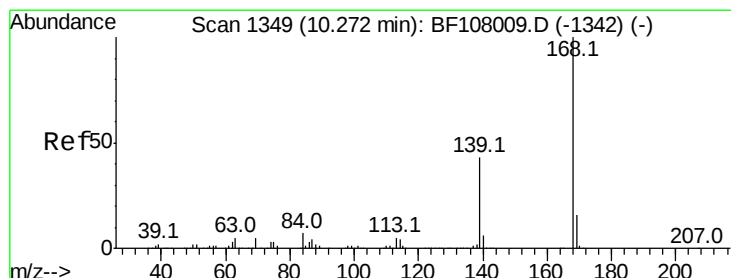
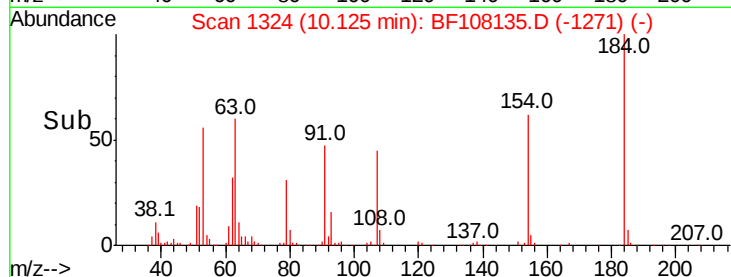
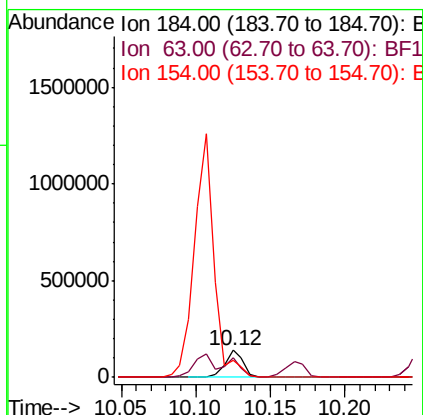
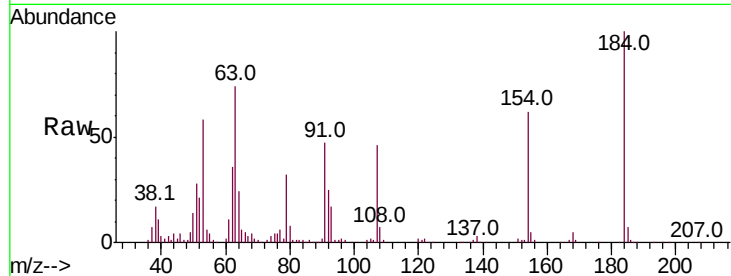




#53
2,4-Dinitrophenol
Concen: 47.716 ng
RT: 10.12 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

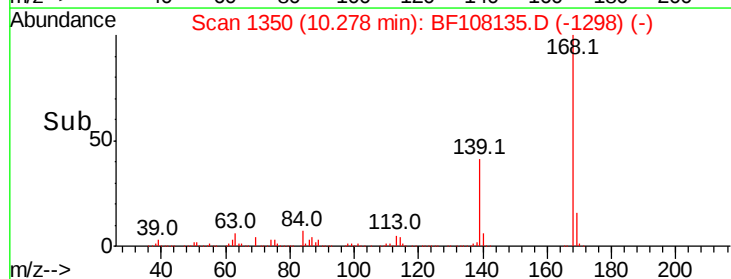
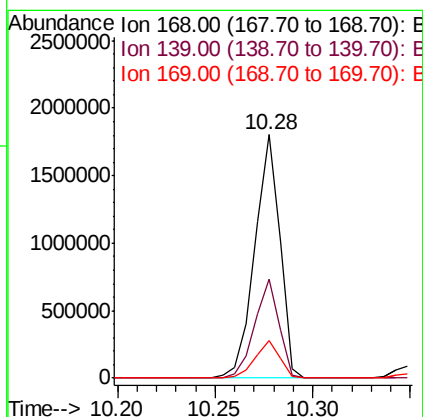
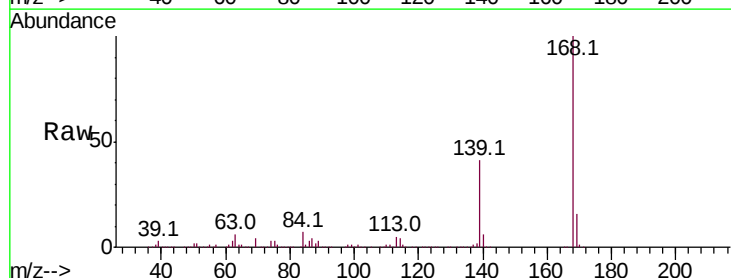
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

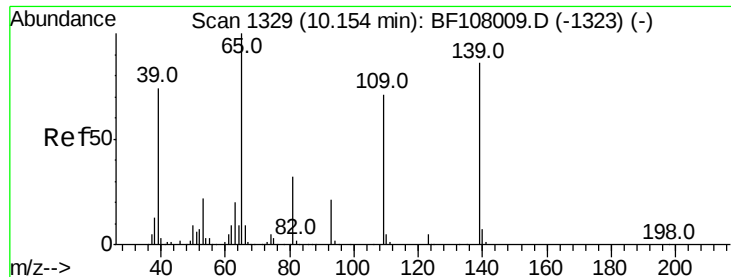
Tot Ion:184 Resp: 120024
Ion Ratio Lower Upper
184 100
63 74.0 54.2 81.2
154 61.7 184.0 276.0#



#54
Dibenzofuran
Concen: 39.716 ng
RT: 10.28 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

Tgt Ion:168 Resp: 1601602
Ion Ratio Lower Upper
168 100
139 40.7 30.1 45.1
169 15.5 10.9 16.3





#55

4-Nitrophenol

Concen: 41.081 ng

RT: 10.17 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

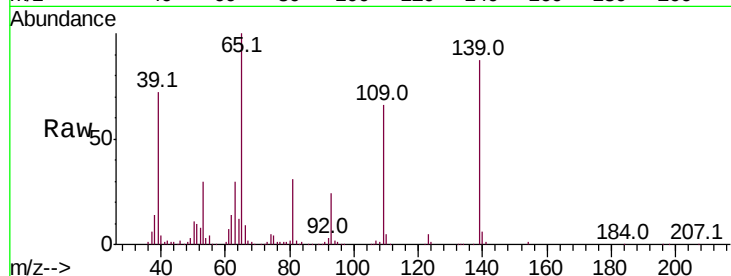
Tot Ion:139 Resp: 244699

Ion Ratio Lower Upper

139 100

109 76.1 48.4 88.4

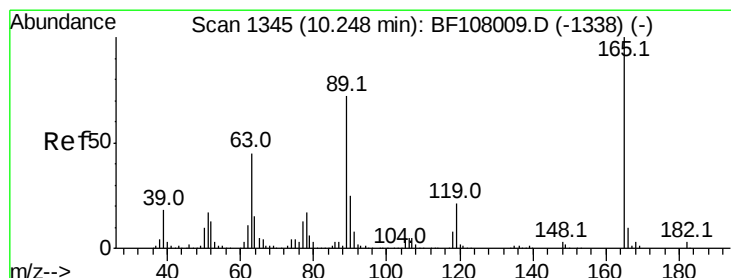
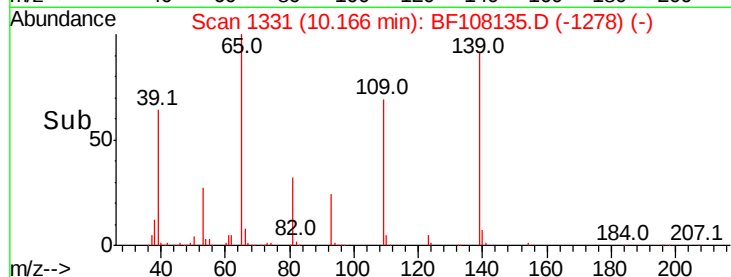
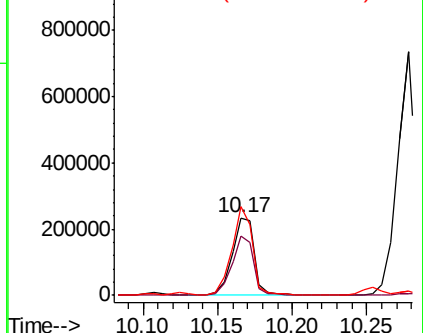
65 114.6 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 43.198 ng

RT: 10.25 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

Tgt Ion:165 Resp: 399753

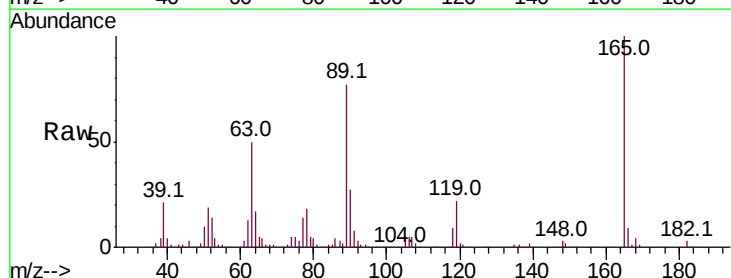
Ion Ratio Lower Upper

165 100

63 50.5 36.4 54.6

89 77.2 57.8 86.6

182 2.6 1.6 2.4#

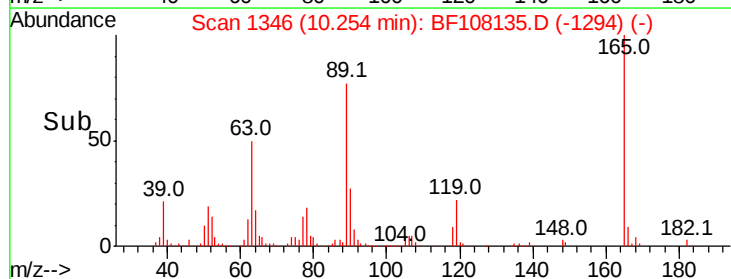
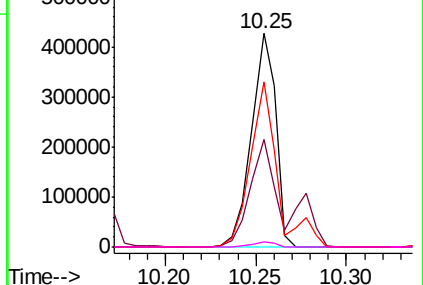


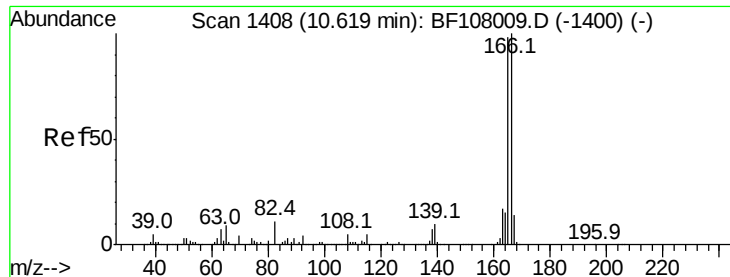
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

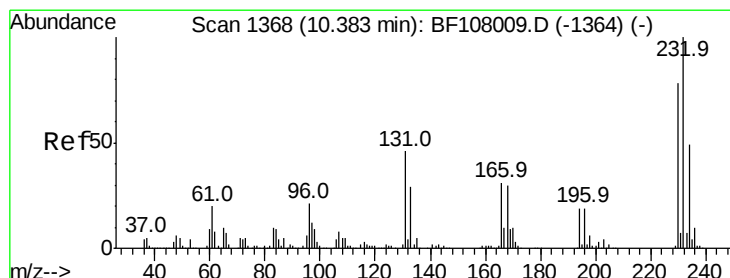
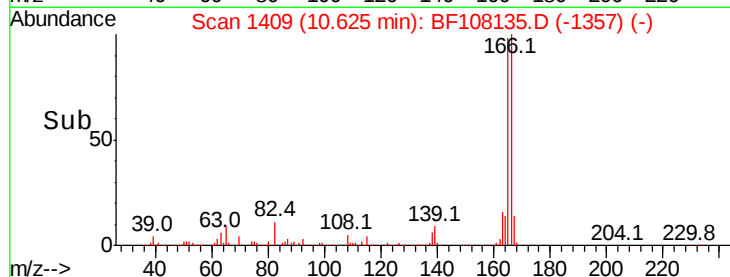
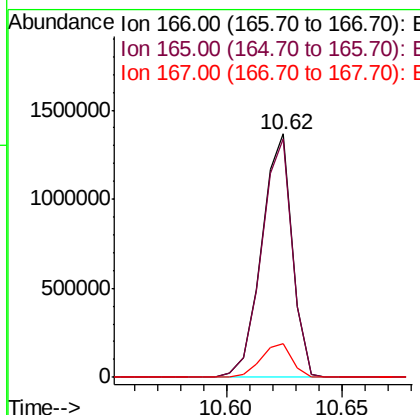
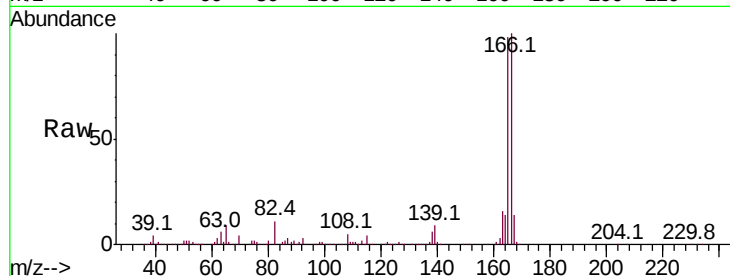




#57
 Fluorene
 Concen: 39.513 ng
 RT: 10.62 min Scan# 1409
 Delta R.T. 0.01 min
 Lab File: BF108135.D
 Acq: 14 Aug 2018 10:53

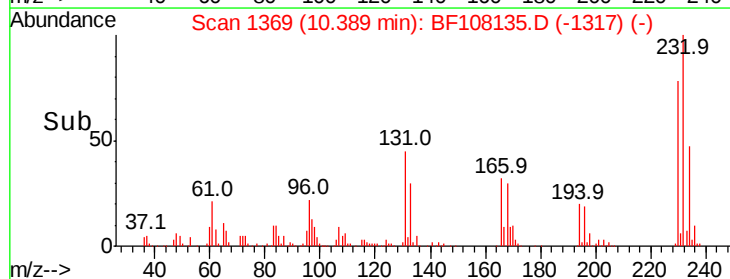
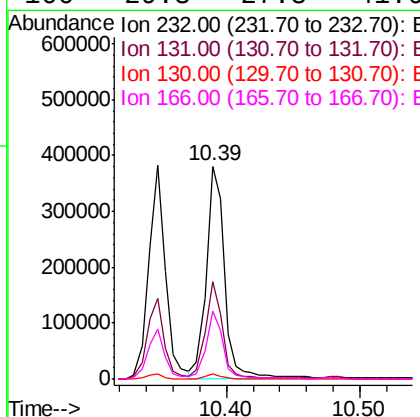
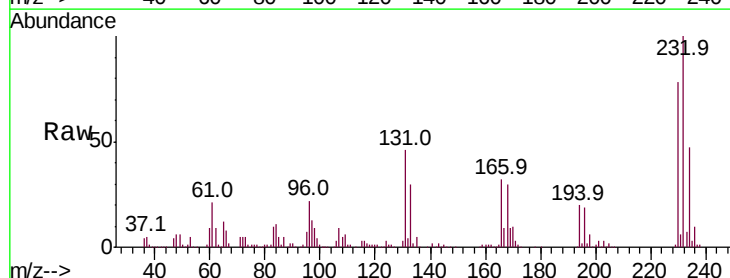
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

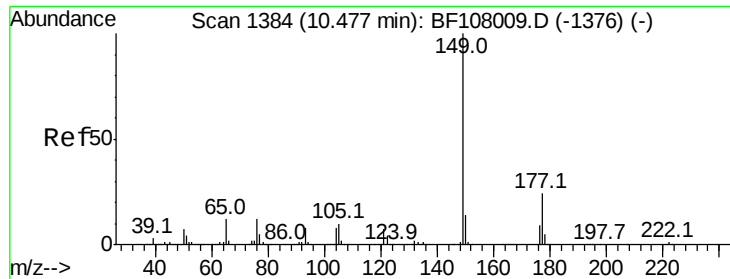
Tot Ion:166 Resp: 1261389
 Ion Ratio Lower Upper
 166 100
 165 98.1 79.8 119.8
 167 13.8 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.829 ng
 RT: 10.39 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF108135.D
 Acq: 14 Aug 2018 10:53

Tgt Ion:232 Resp: 361791
 Ion Ratio Lower Upper
 232 100
 131 42.1 43.8 65.8#
 130 2.3 2.1 3.1
 166 29.3 27.8 41.6





#59

Diethylphthalate

Concen: 39.397 ng

RT: 10.48 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

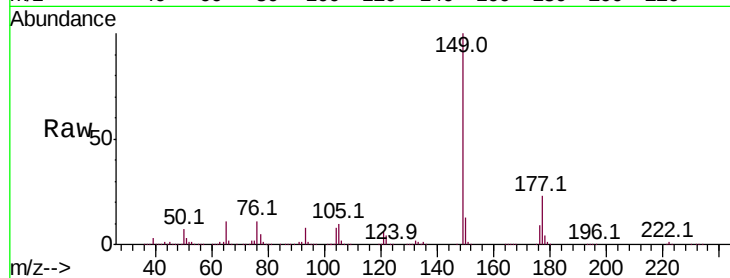
Tot Ion:149 Resp: 1310885

Ion Ratio Lower Upper

149 100

177 22.9 16.1 24.1

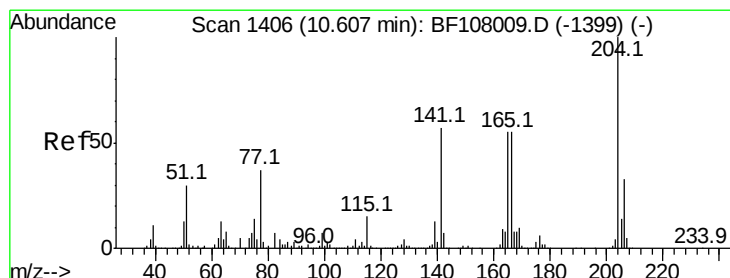
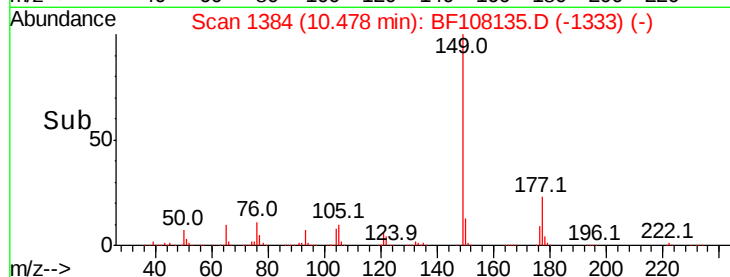
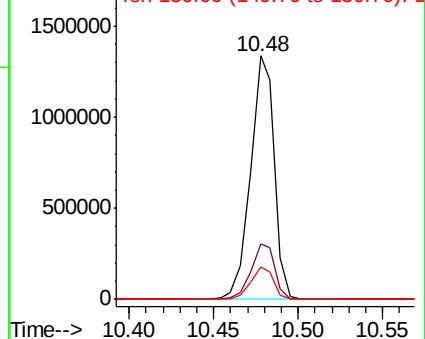
150 13.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.541 ng

RT: 10.61 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

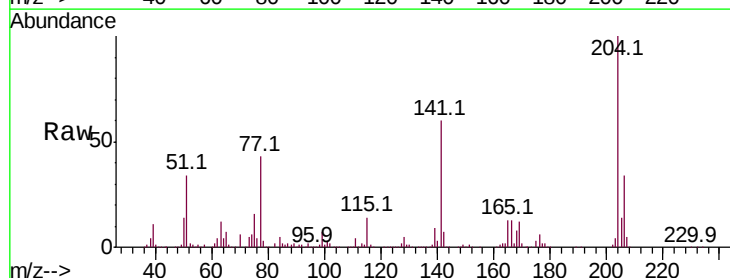
Tgt Ion:204 Resp: 657747

Ion Ratio Lower Upper

204 100

206 33.7 26.5 39.7

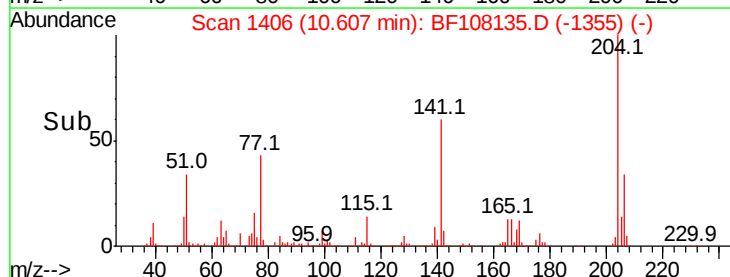
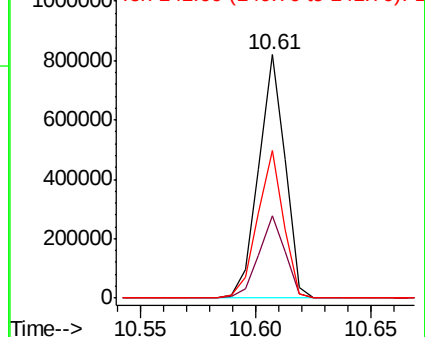
141 60.4 54.6 81.8

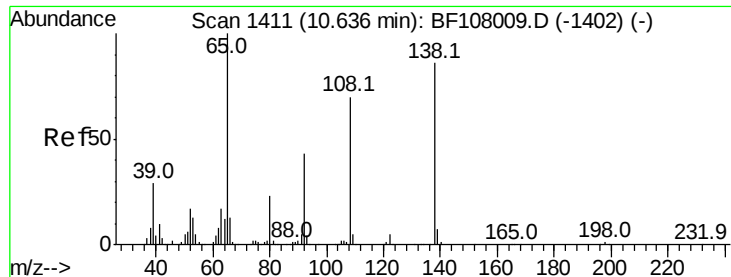


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

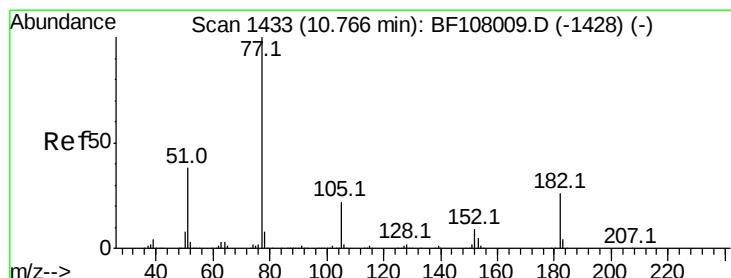
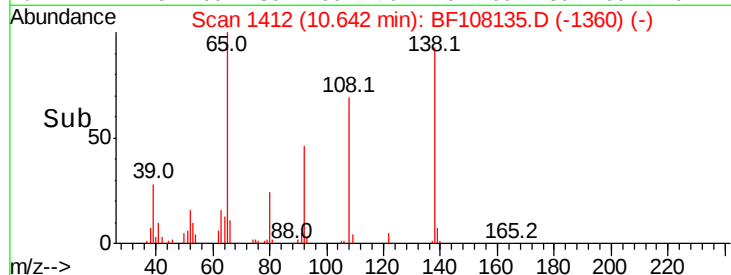
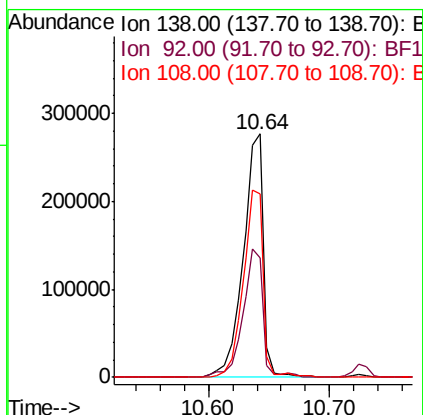
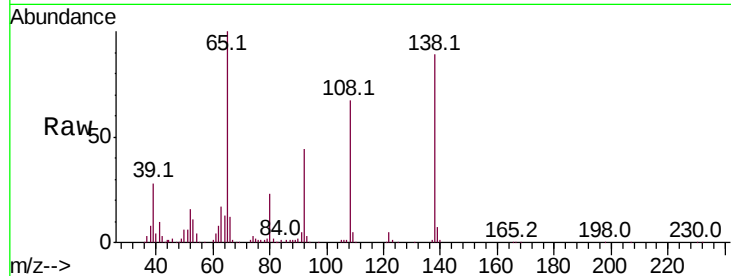




#61
4-Nitroaniline
Concen: 41.252 ng
RT: 10.64 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

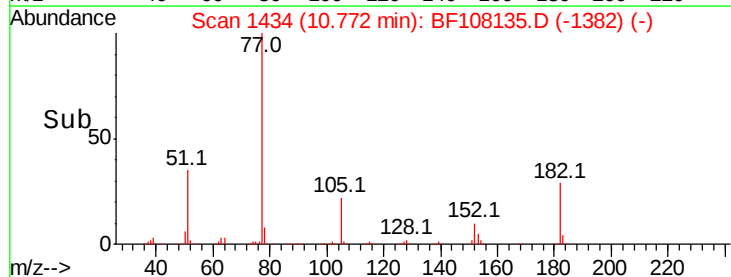
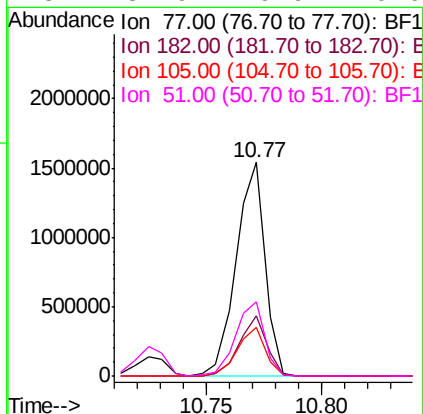
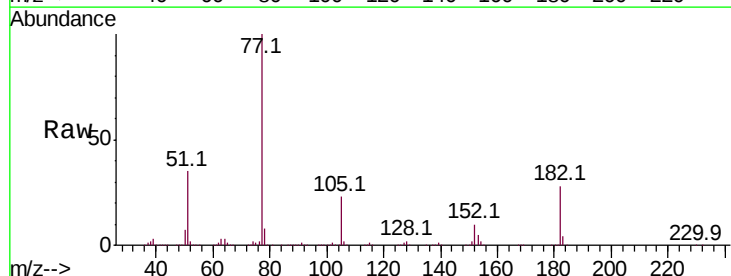
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

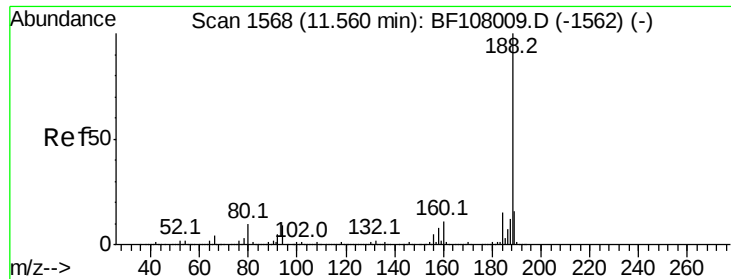
Tot Ion:138 Resp: 320808
Ion Ratio Lower Upper
138 100
92 49.2 30.2 70.2
108 75.5 52.5 92.5



#62
Azobenzene
Concen: 38.989 ng
RT: 10.77 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

Tgt Ion: 77 Resp: 1339762
Ion Ratio Lower Upper
77 100
182 28.3 1.7 41.7
105 22.6 3.0 43.0
51 34.9 9.9 49.9

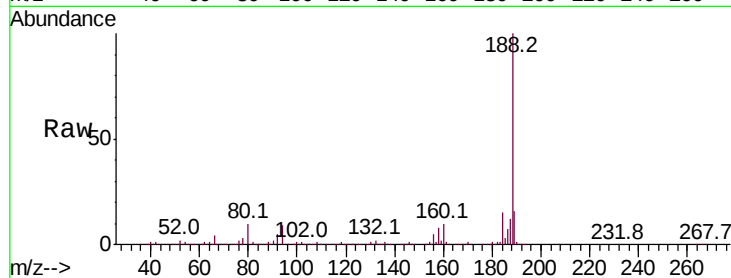




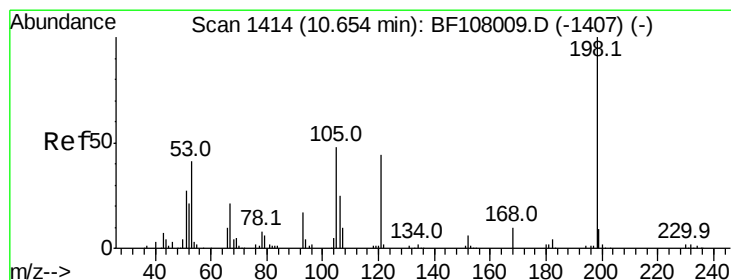
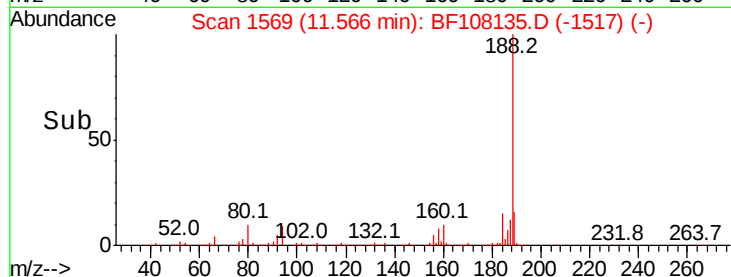
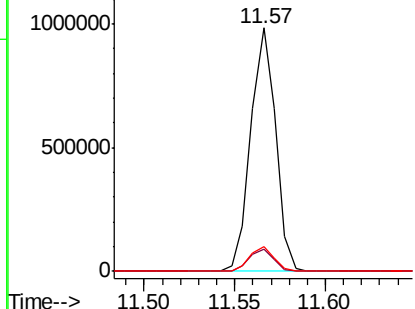
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 941475
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 10.3 9.2 13.8

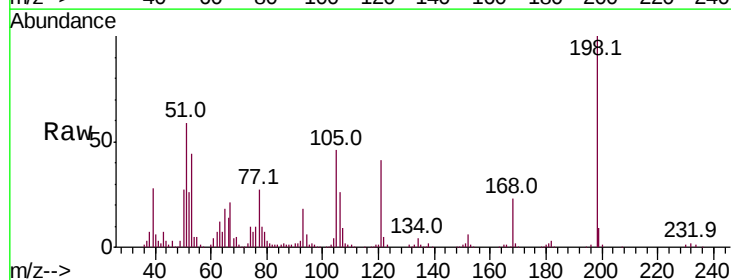


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

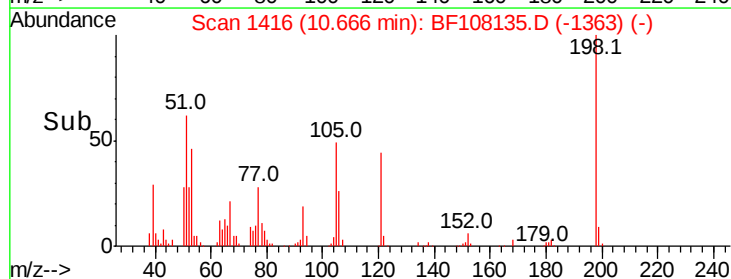
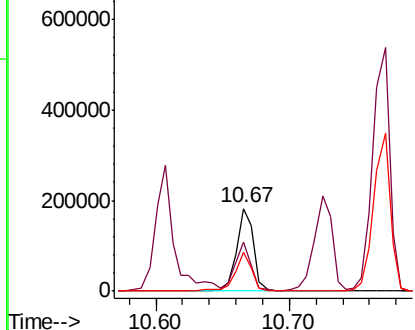


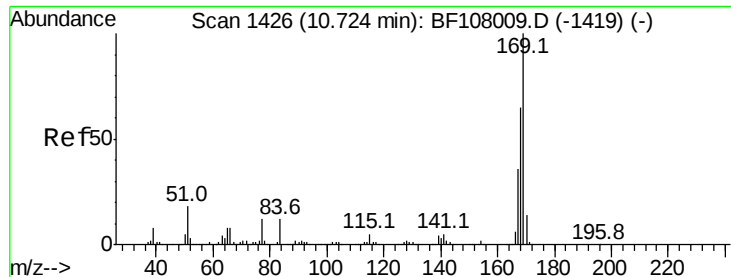
#64
4,6-Dinitro-2-methylphenol
Concen: 46.372 ng
RT: 10.67 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

Tgt Ion:198 Resp: 163187
Ion Ratio Lower Upper
198 100
51 59.2 37.7 77.7
105 46.3 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

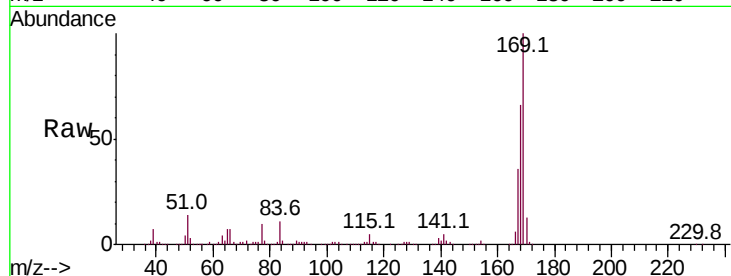




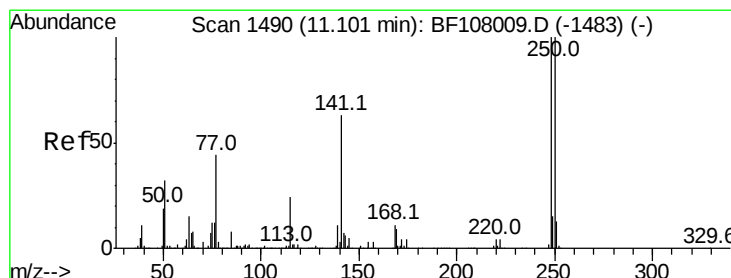
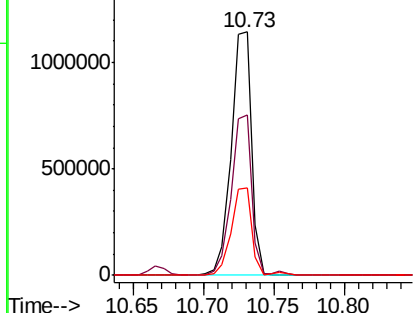
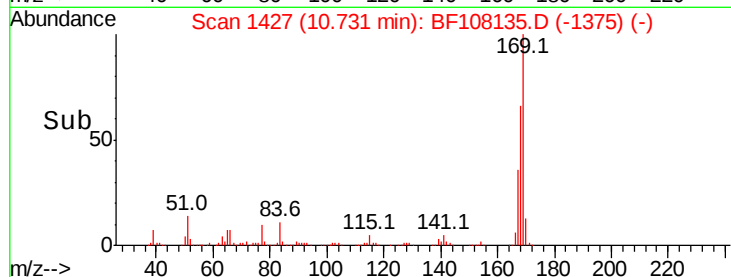
#65
n-Nitrosodiphenylamine
Concen: 41.174 ng
RT: 10.73 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:169 Resp: 1145523
Ion Ratio Lower Upper
169 100
168 65.7 54.4 81.6
167 36.0 29.8 44.6

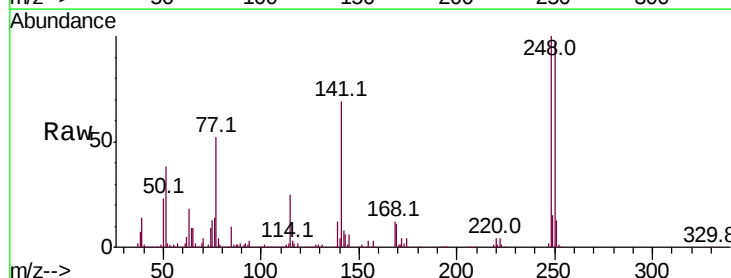


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

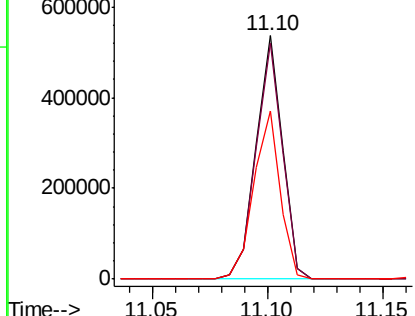
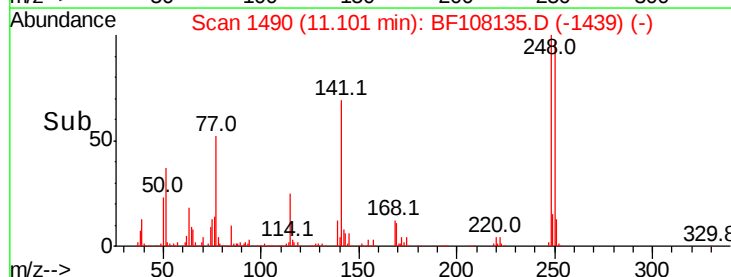


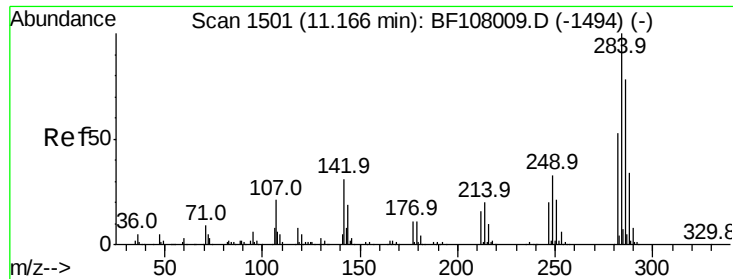
#66
4-Bromophenyl-phenylether
Concen: 42.140 ng
RT: 11.10 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

Tgt Ion:248 Resp: 431146
Ion Ratio Lower Upper
248 100
250 96.7 76.9 115.3
141 69.2 74.4 111.6#



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

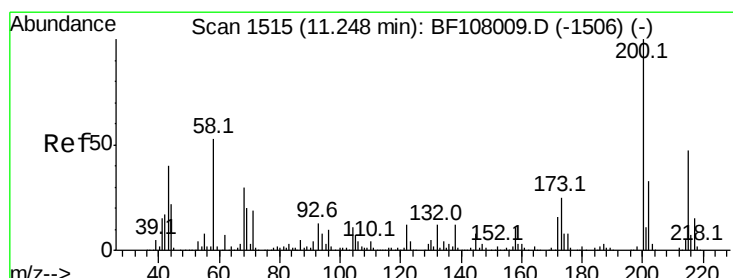
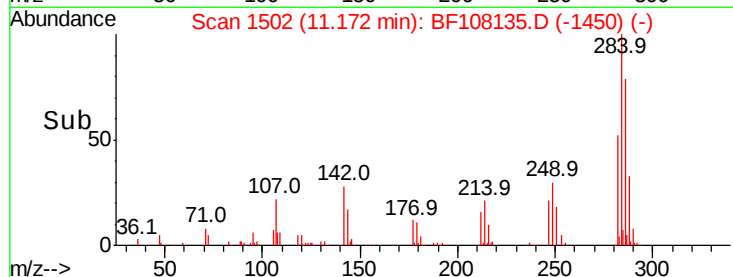
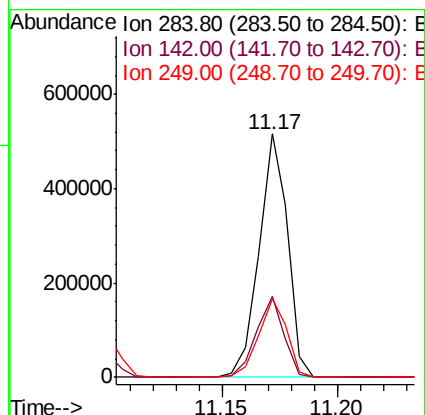
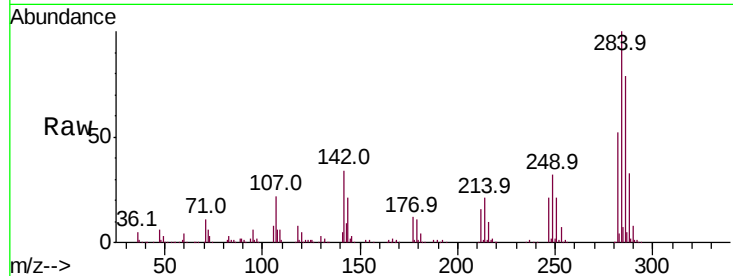




#67
Hexachlorobenzene
Concen: 41.305 ng
RT: 11.17 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

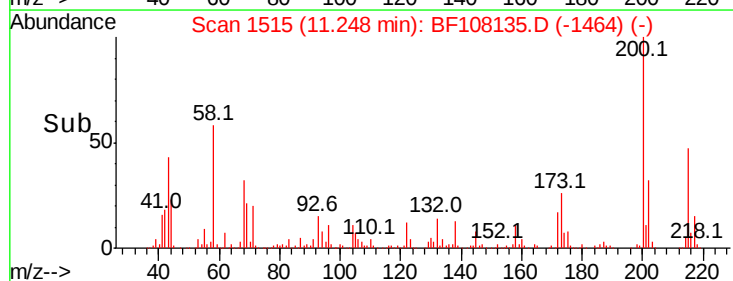
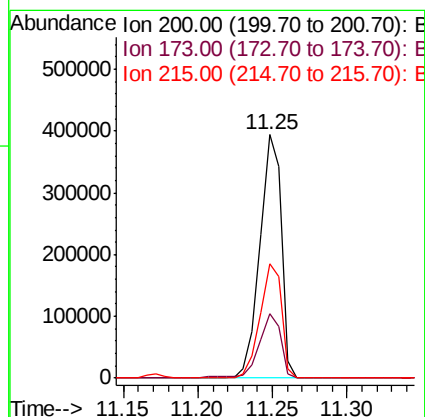
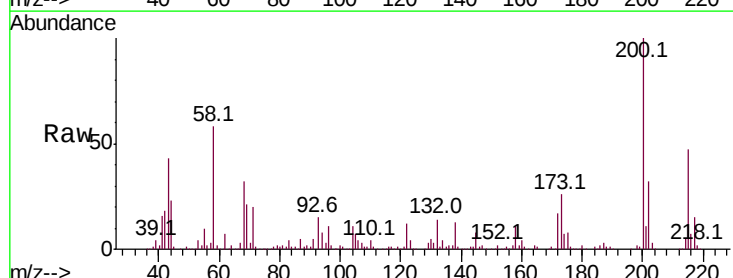
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

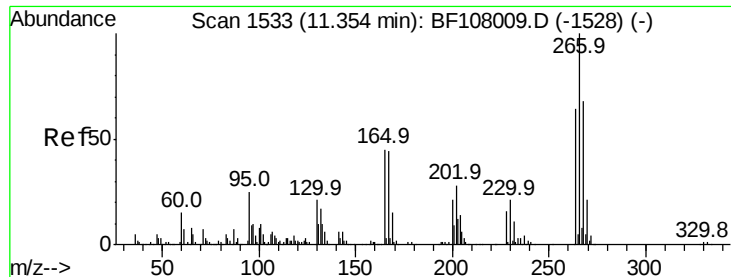
Tot Ion	Ratio	Lower	Upper
284	100		
142	33.5	34.6	52.0#
249	32.3	24.8	37.2



#68
Atrazine
Concen: 41.414 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.4	8.6	48.6
215	46.8	25.1	65.1

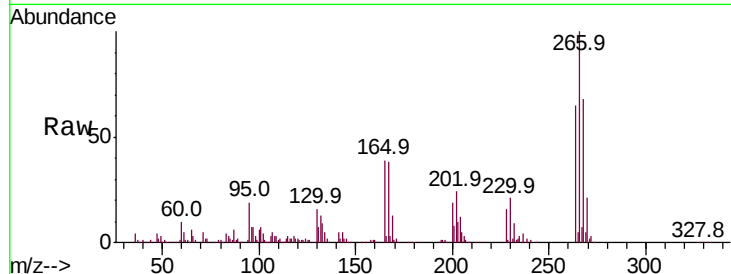




#69
 Pentachlorophenol
 Concen: 40.695 ng
 RT: 11.37 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: BF108135.D
 Acq: 14 Aug 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.9	51.1	76.7
264	64.7	49.5	74.3

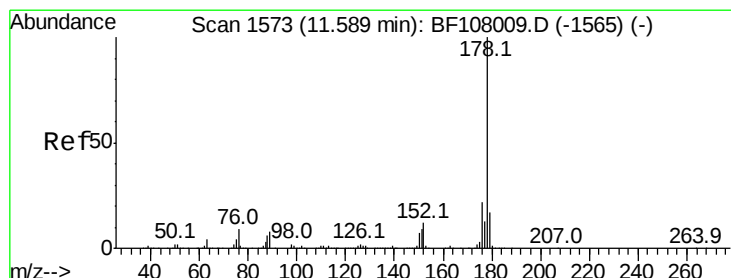
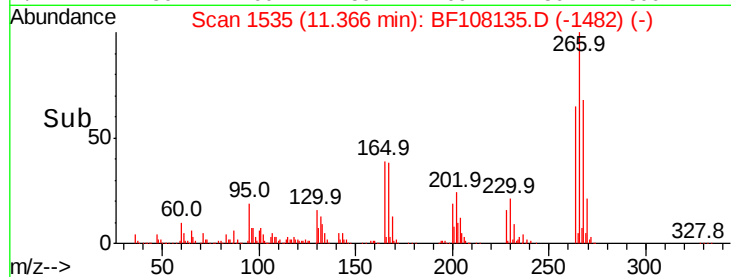
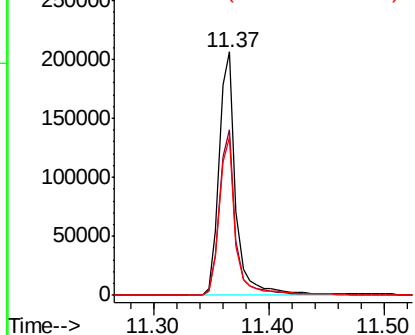


Abundance

Ion 265.70 (265.40 to 266.40): E

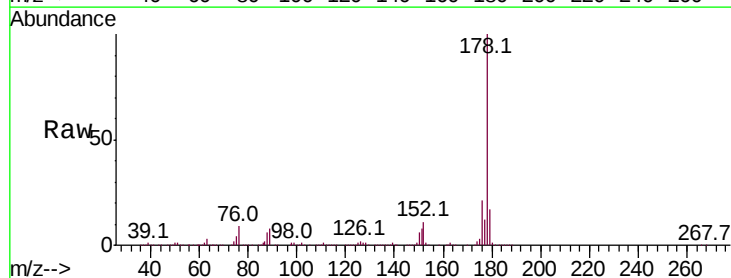
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 40.193 ng
 RT: 11.60 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF108135.D
 Acq: 14 Aug 2018 10:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.8	23.8
179	16.7	13.0	19.6

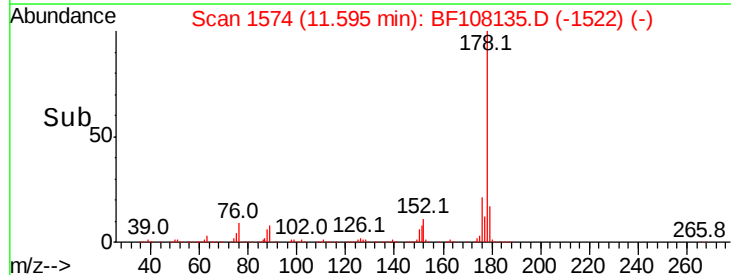
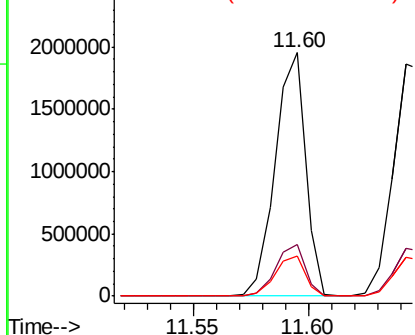


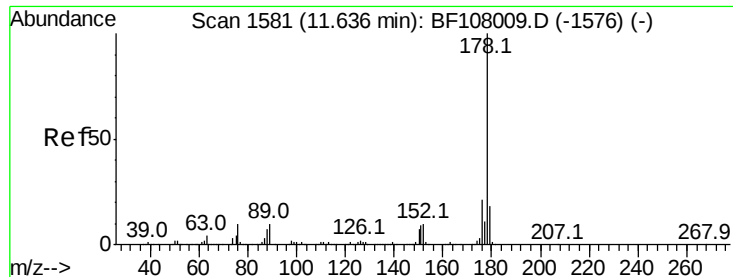
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

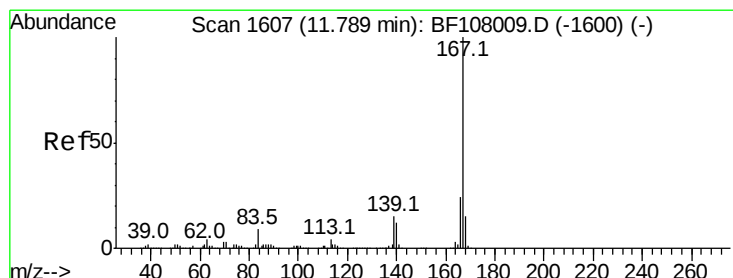
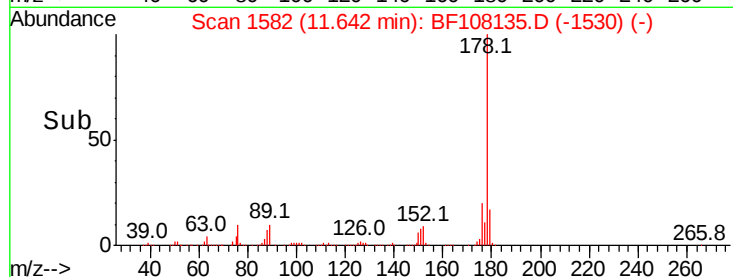
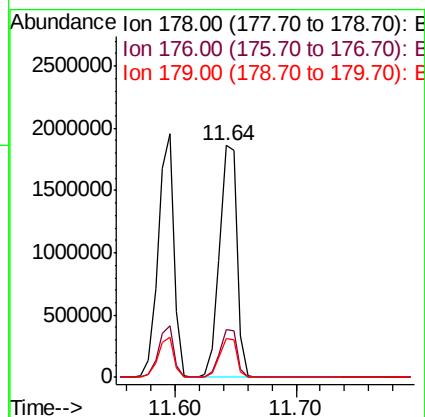
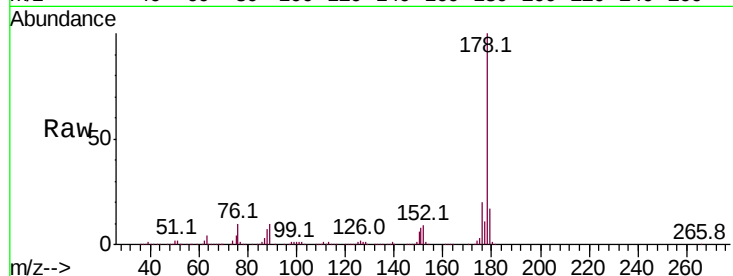




#71
 Anthracene
 Concen: 40.635 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108135.D
 Acq: 14 Aug 2018 10:53

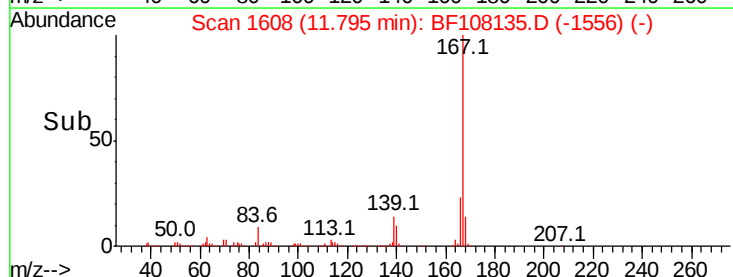
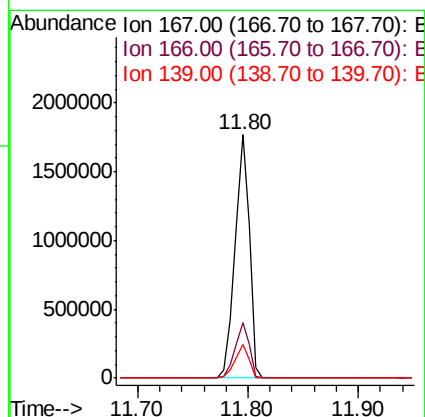
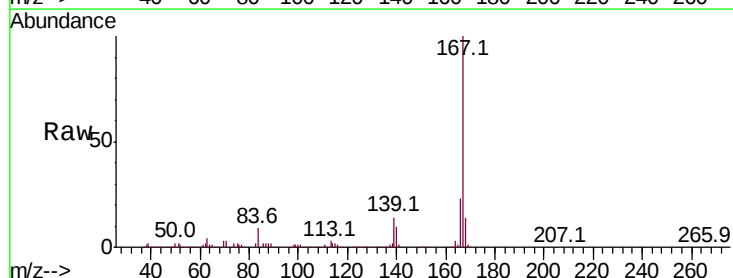
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

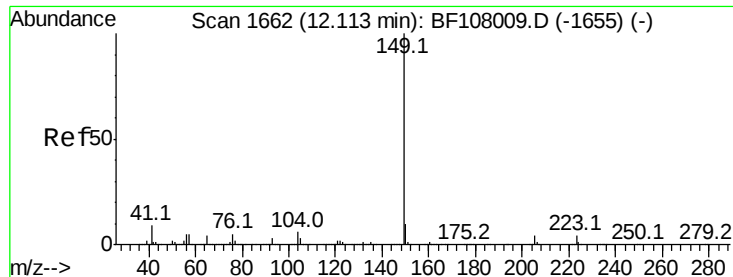
Tot Ion:178 Resp: 1849433
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.4 23.2
 179 16.8 12.6 19.0



#72
 Carbazole
 Concen: 40.125 ng
 RT: 11.80 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BF108135.D
 Acq: 14 Aug 2018 10:53

Tgt Ion:167 Resp: 1622551
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.6 26.4
 139 14.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.586 ng

RT: 12.11 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

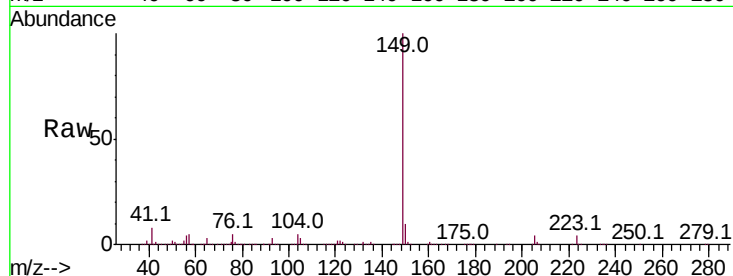
Tot Ion:149 Resp: 1904725

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

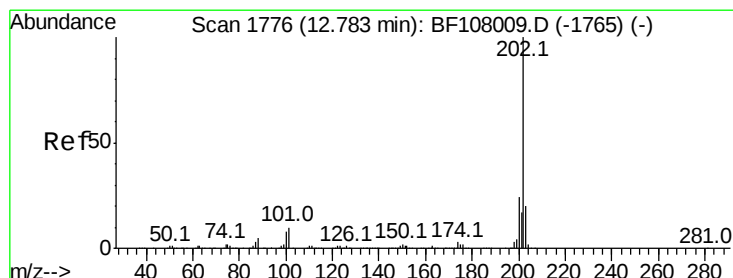
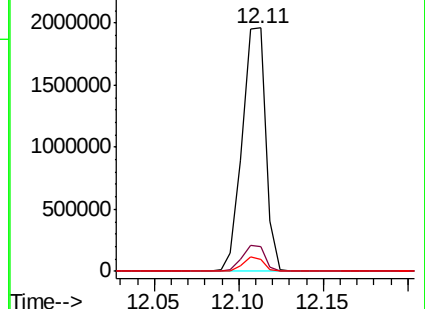
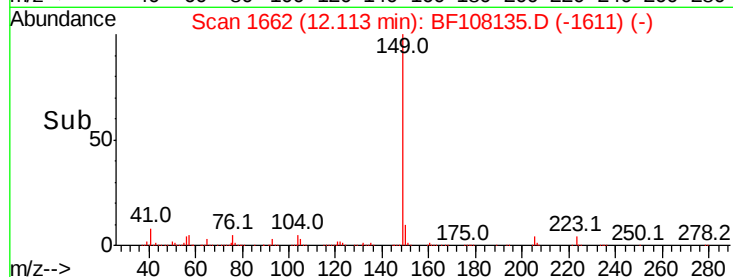
104 5.1 3.8 5.8



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: 39.132 ng

RT: 12.79 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

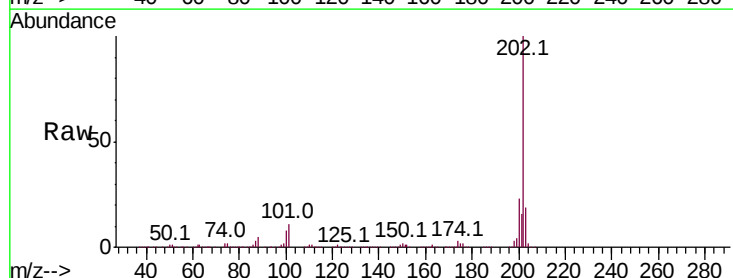
Tgt Ion:202 Resp: 1896507

Ion Ratio Lower Upper

202 100

101 10.9 0.0 34.1

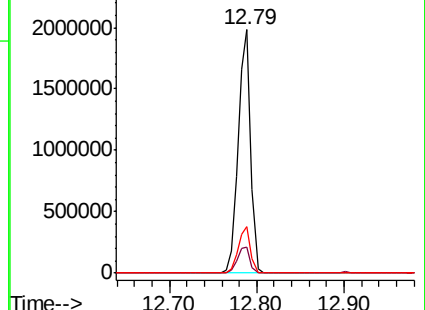
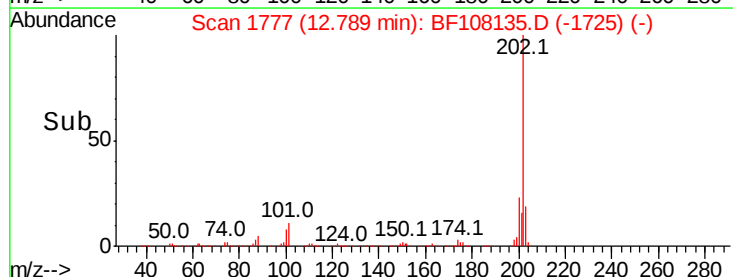
203 19.0 0.0 38.1

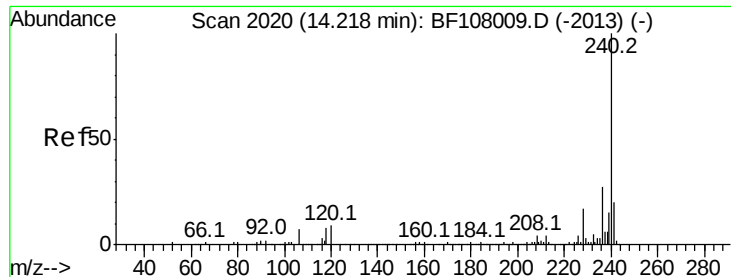


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.22 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

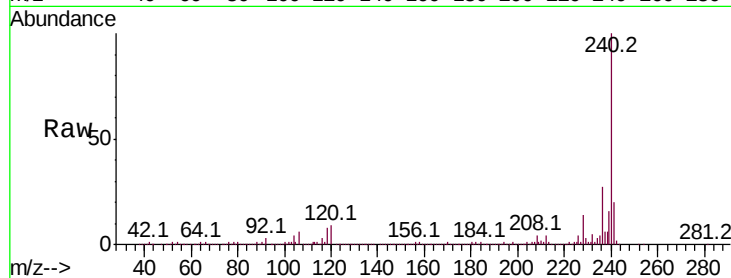
Tot Ion:240 Resp: 638711

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

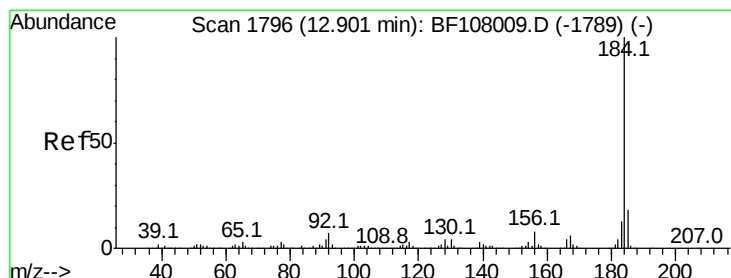
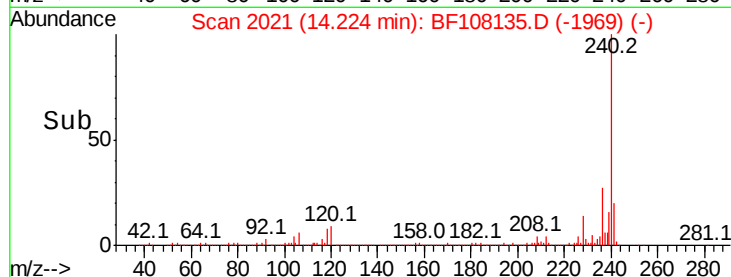
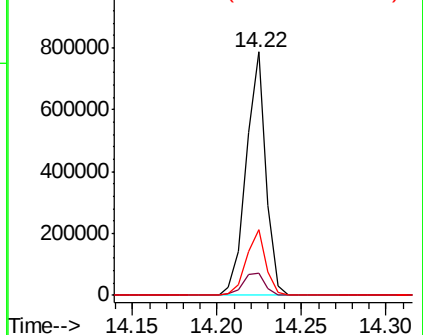
236 27.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 46.544 ng

RT: 12.90 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF108135.D

Acq: 14 Aug 2018 10:53

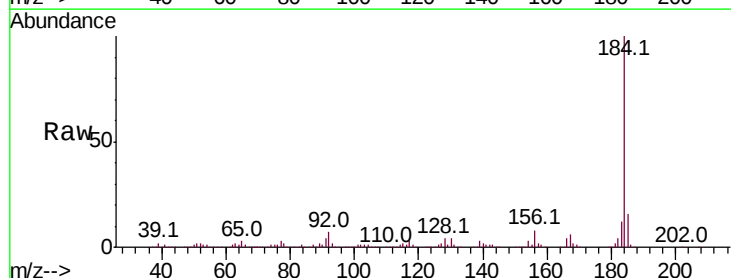
Tgt Ion:184 Resp: 1110711

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

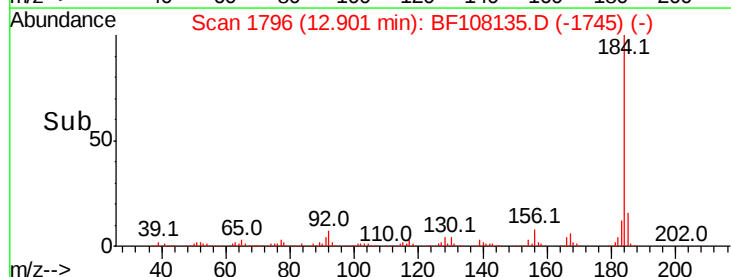
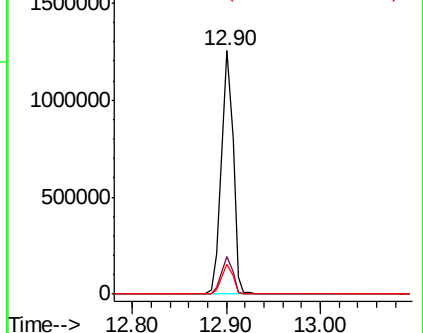
183 12.0 9.3 13.9

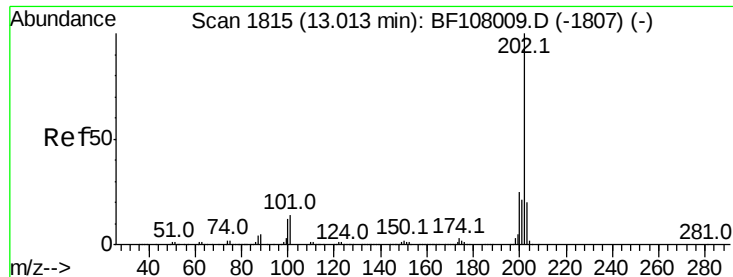


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

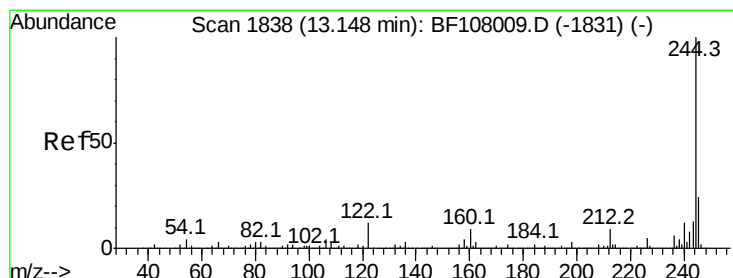
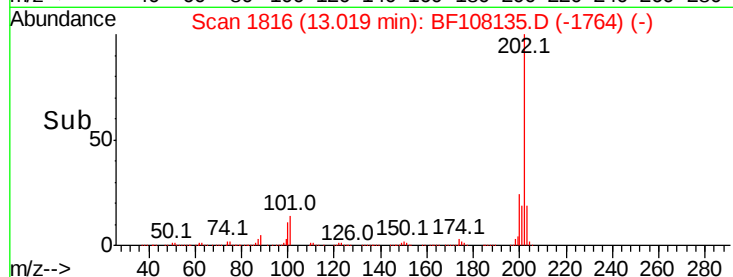
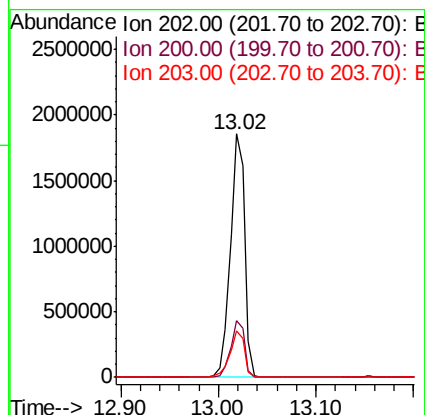
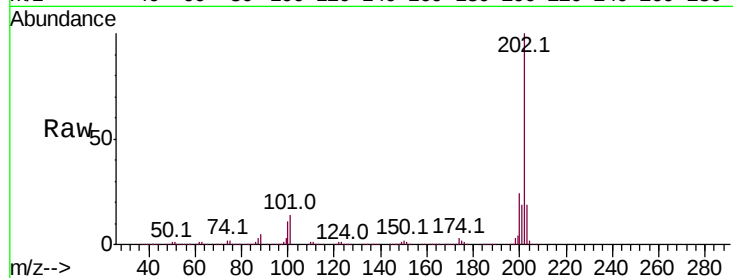




#77
Pvrene
Concen: 46.319 ng
RT: 13.02 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

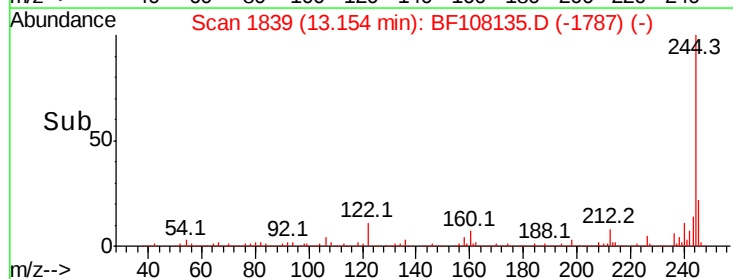
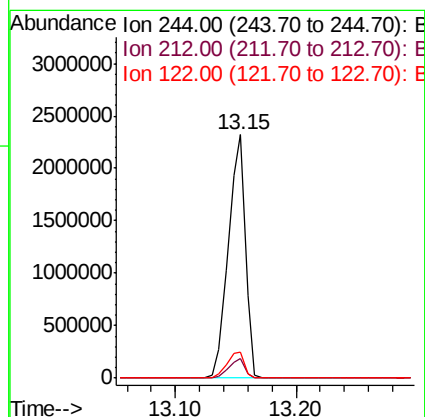
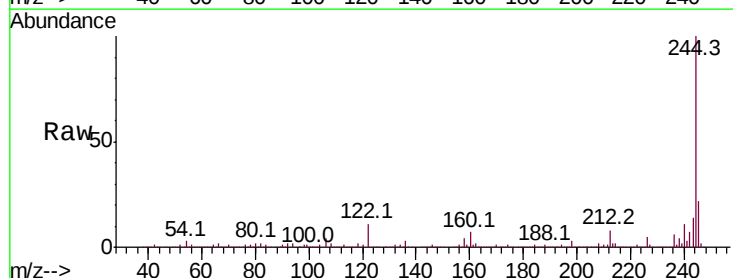
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

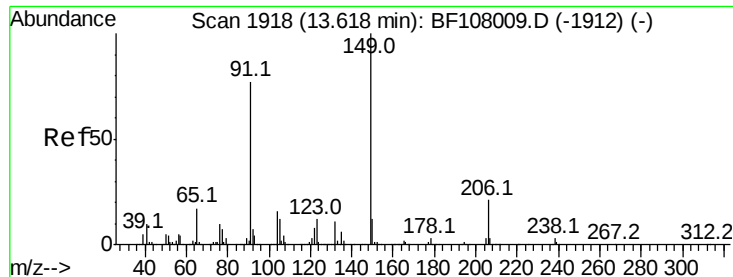
Tot Ion:202 Resp: 1872993
Ion Ratio Lower Upper
202 100
200 23.5 17.4 26.2
203 19.2 14.3 21.5



#78
Terphenyl-d14
Concen: 89.901 ng
RT: 13.15 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

Tgt Ion:244 Resp: 2258370
Ion Ratio Lower Upper
244 100
212 8.1 5.4 8.0#
122 10.7 11.0 16.4#

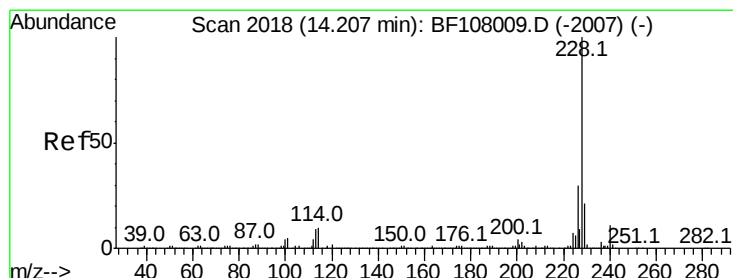
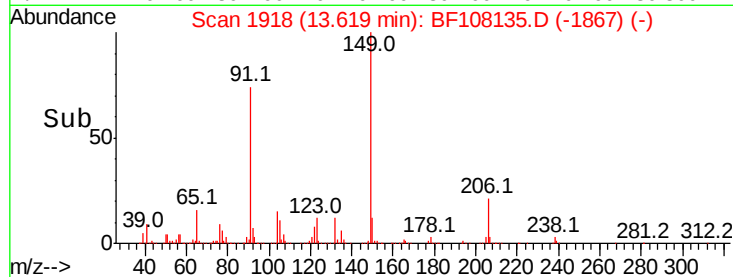
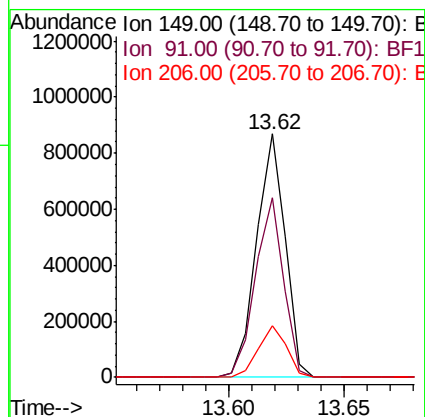
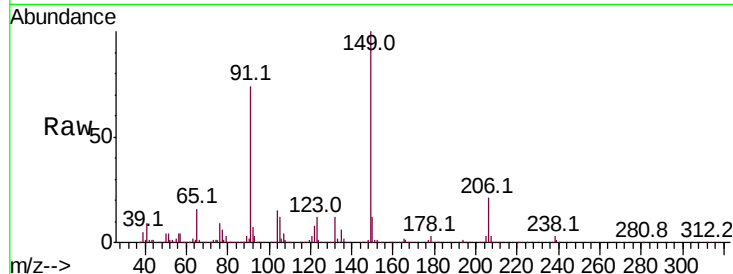




#79
Butylbenzylphthalate
Concen: 47.052 ng
RT: 13.62 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

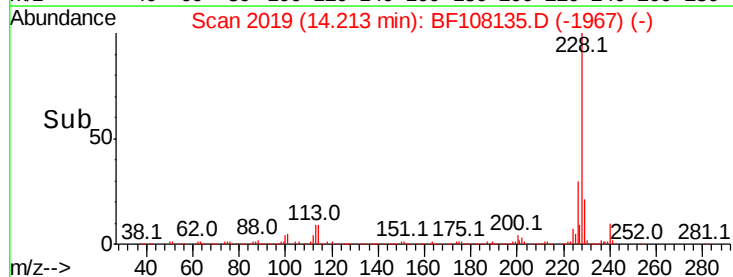
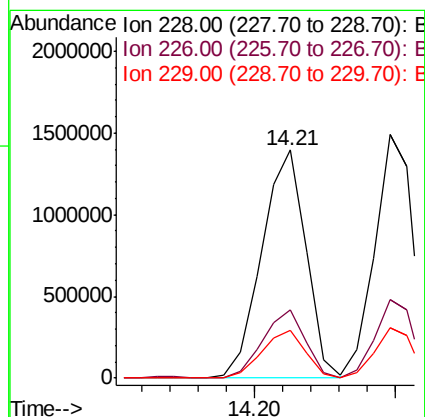
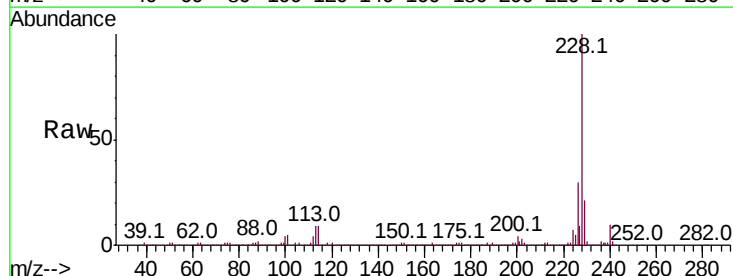
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

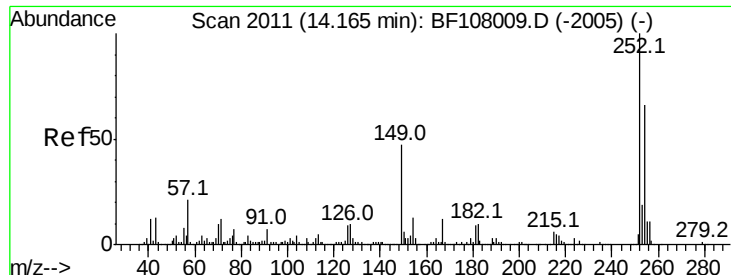
Tot Ion:149 Resp: 755502
Ion Ratio Lower Upper
149 100
91 73.6 56.8 85.2
206 21.4 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 41.250 ng
RT: 14.21 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

Tgt Ion:228 Resp: 1512029
Ion Ratio Lower Upper
228 100
226 29.7 22.6 33.8
229 21.1 15.8 23.6

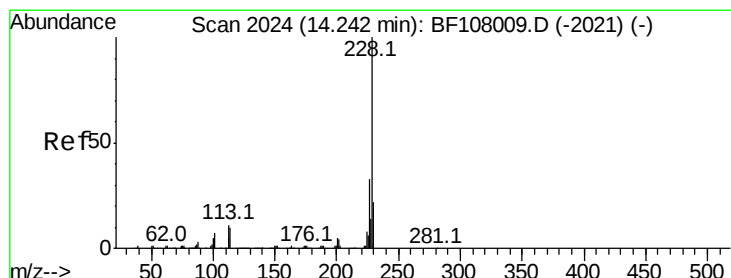
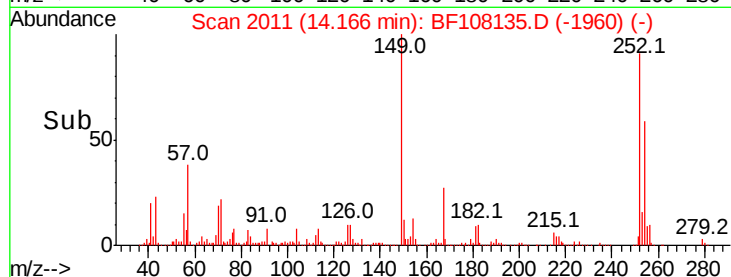
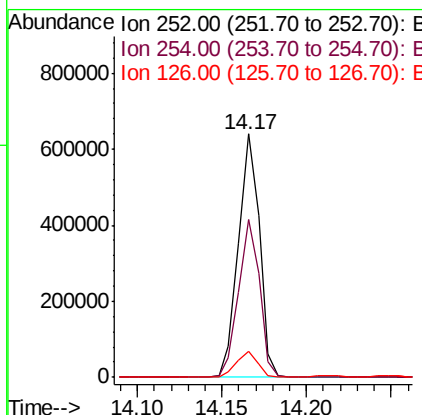
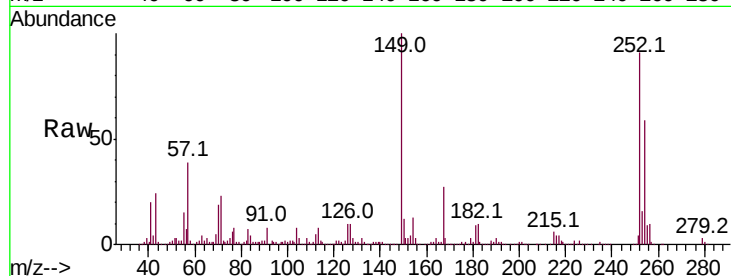




#81
 3,3'-Dichlorobenzidine
 Concen: 42.423 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF108135.D
 Acq: 14 Aug 2018 10:53

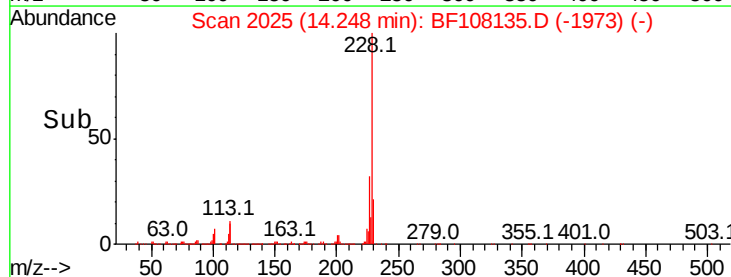
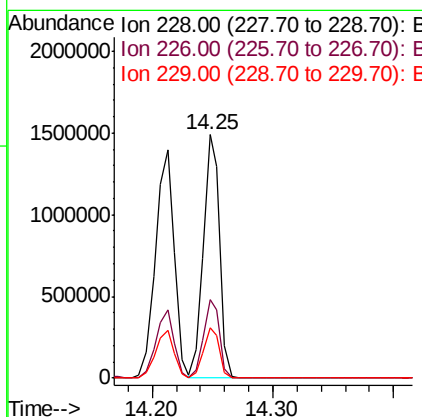
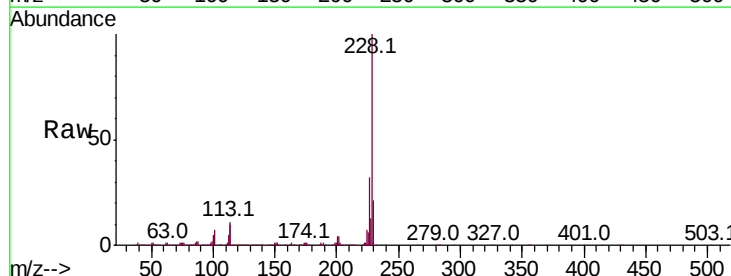
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

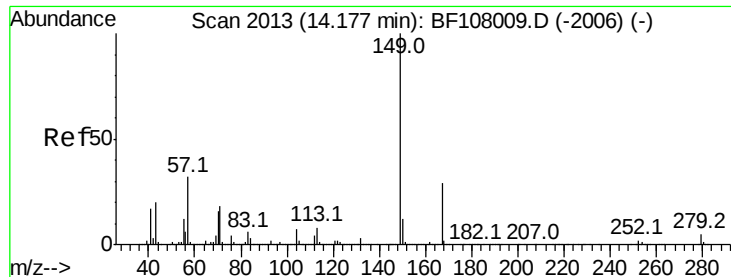
Tot Ion:252 Resp: 557282
 Ion Ratio Lower Upper
 252 100
 254 64.9 50.4 75.6
 126 10.5 11.3 16.9#



#82
 Chrysene
 Concen: 41.044 ng
 RT: 14.25 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF108135.D
 Acq: 14 Aug 2018 10:53

Tgt Ion:228 Resp: 1379289
 Ion Ratio Lower Upper
 228 100
 226 32.3 25.0 37.6
 229 20.7 16.2 24.4

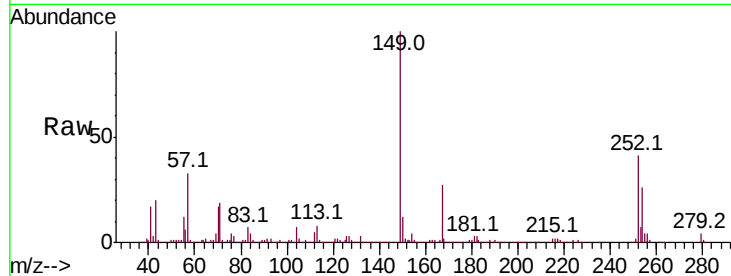




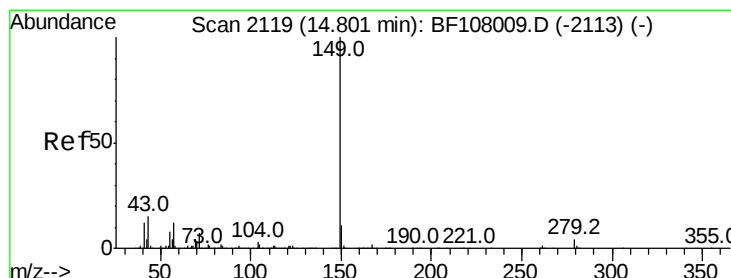
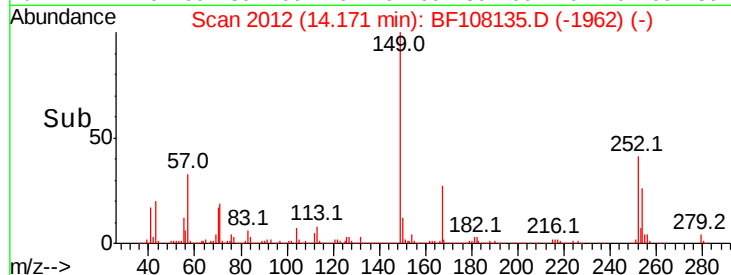
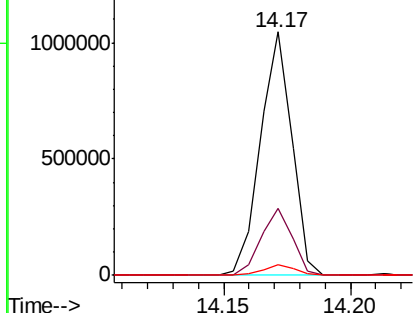
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.675 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF108135.D
 Acq: 14 Aug 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.3	31.9
279	4.3	3.0	4.4

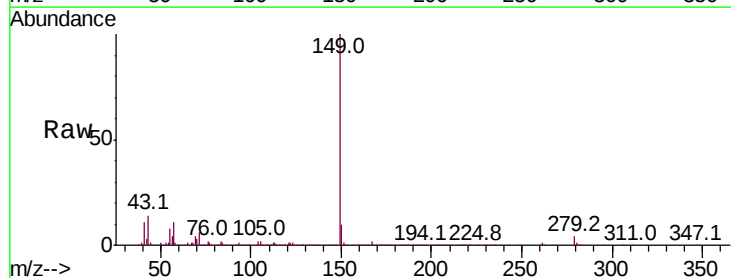


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

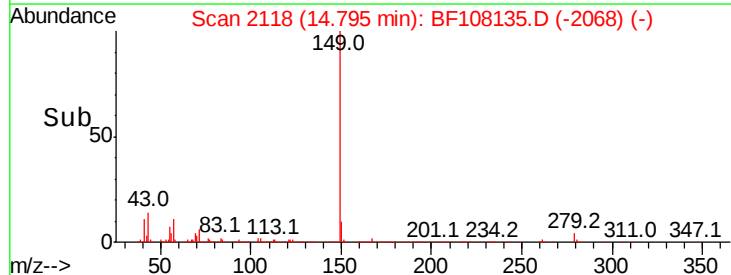
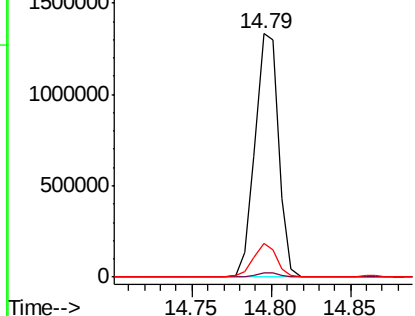


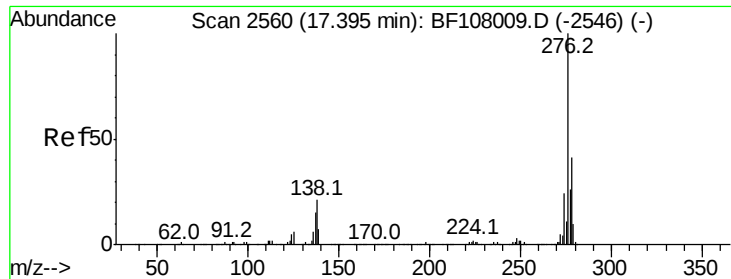
#84
 Di-n-octyl phthalate
 Concen: 41.670 ng
 RT: 14.79 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BF108135.D
 Acq: 14 Aug 2018 10:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	12.9	8.4	12.6#



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



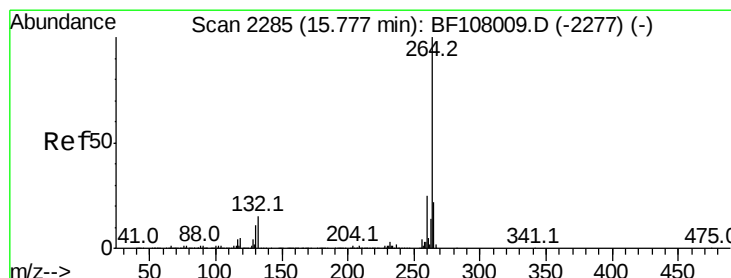
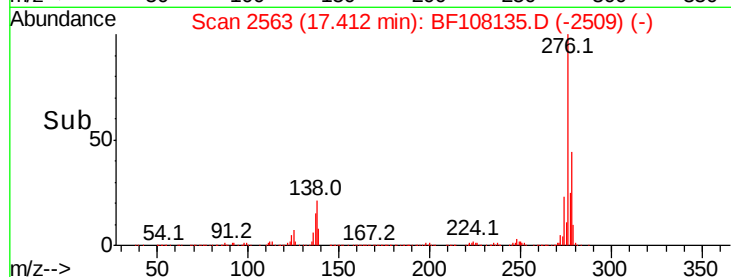
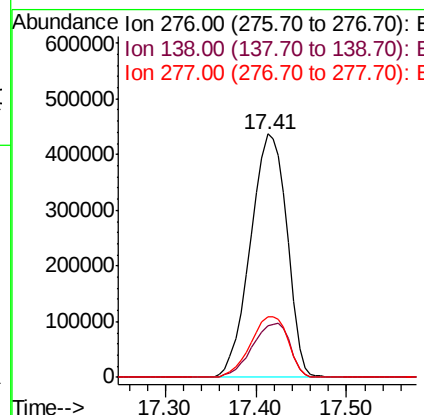
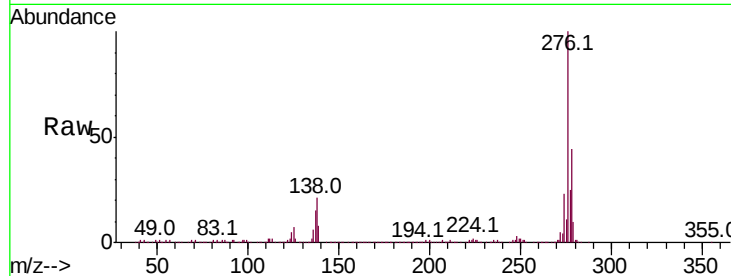


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.024 ng
 RT: 17.41 min Scan# 2563
 Delta R.T. 0.02 min
 Lab File: BF108135.D
 Acq: 14 Aug 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:276 Resp: 1223643

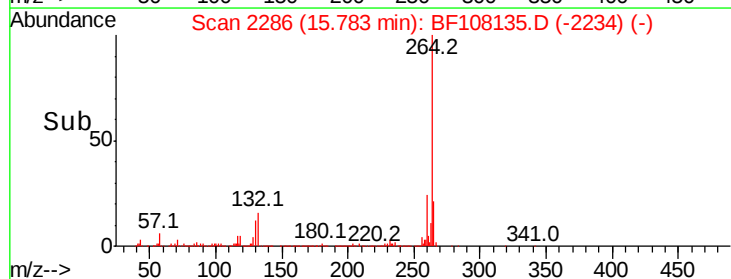
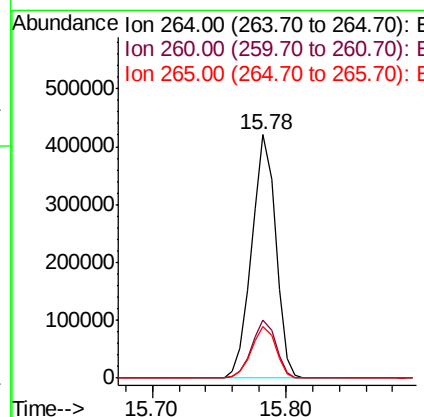
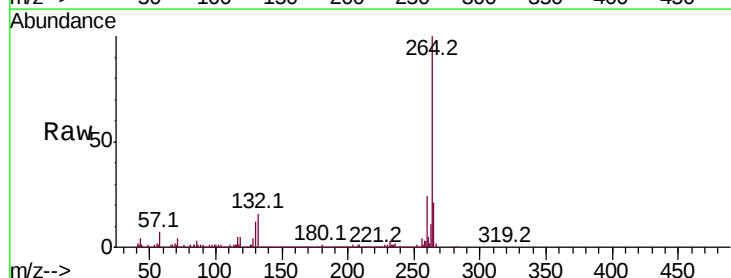
Ion	Ratio	Lower	Upper
276	100		
138	23.0	25.0	37.6#
277	25.7	20.1	30.1

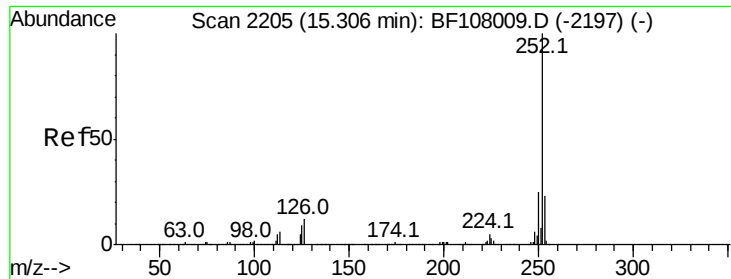


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.78 min Scan# 2286
 Delta R.T. 0.01 min
 Lab File: BF108135.D
 Acq: 14 Aug 2018 10:53

Tgt Ion:264 Resp: 519896

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.0	17.5	26.3

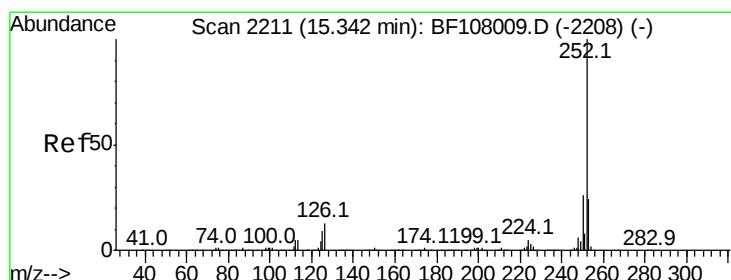
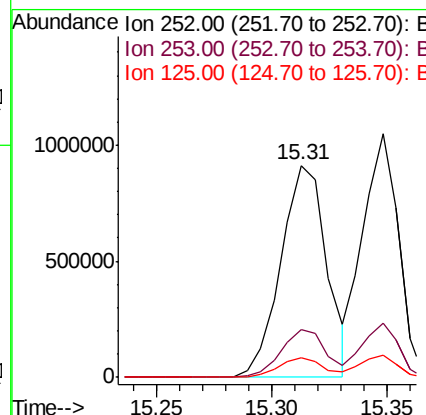
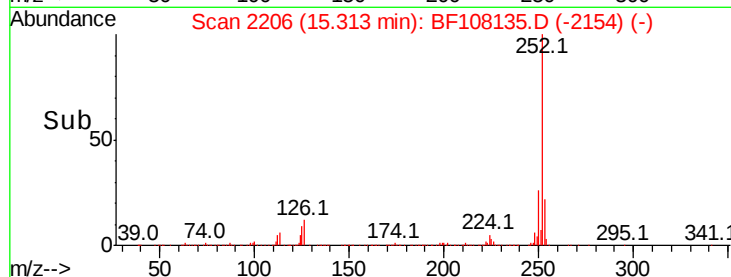
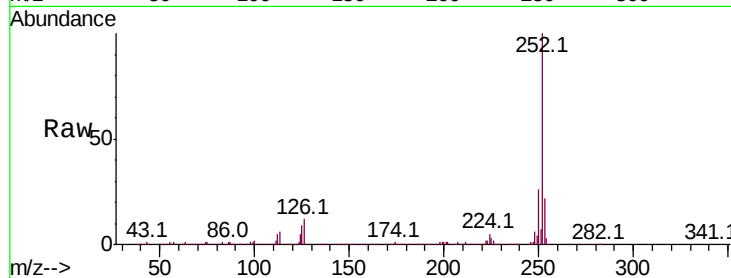




#87
Benzo(b)fluoranthene
Concen: 40.632 ng
RT: 15.31 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

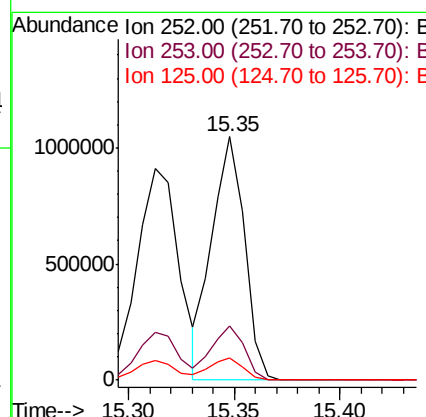
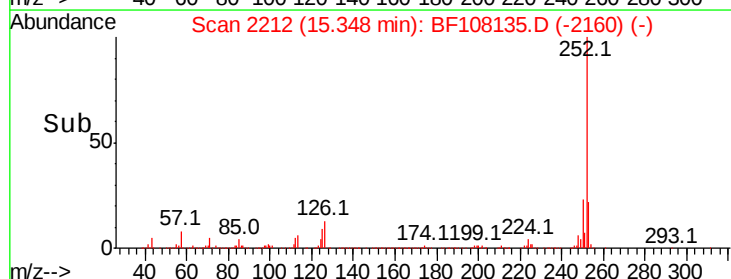
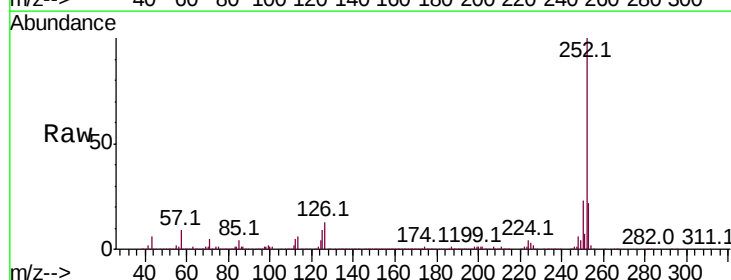
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

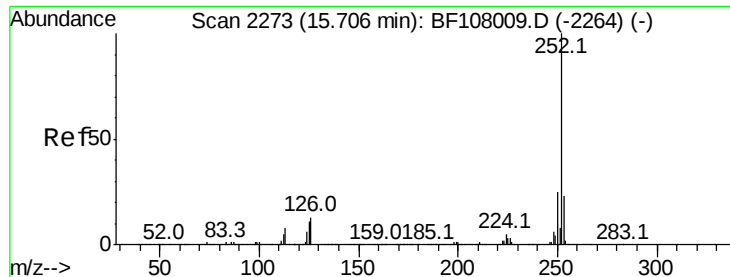
Tot Ion:252 Resp: 1262269
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 9.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 39.483 ng
RT: 15.35 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

Tgt Ion:252 Resp: 1127529
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 9.1 10.2 15.2#

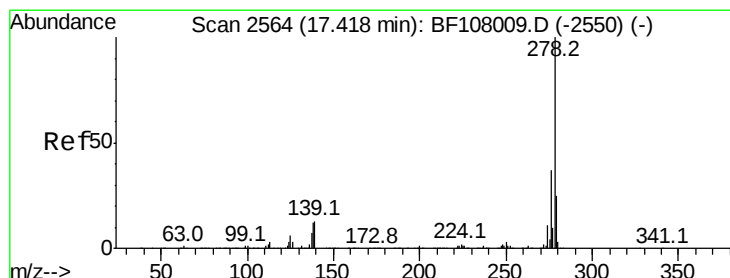
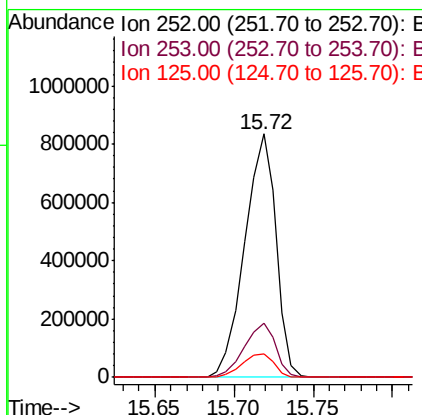
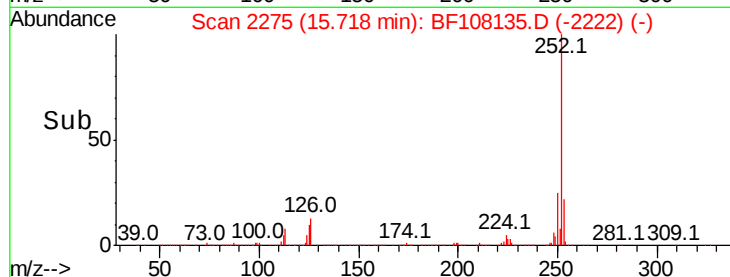
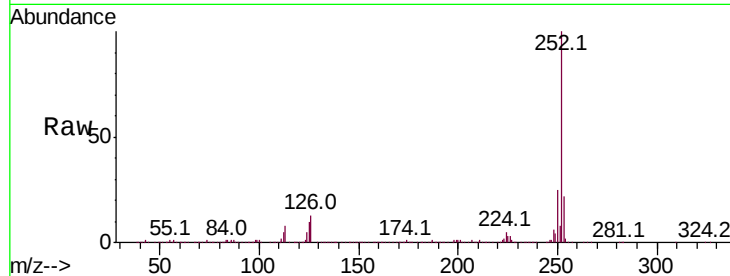




#89
Benzo(a)pyrene
Concen: 41.124 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

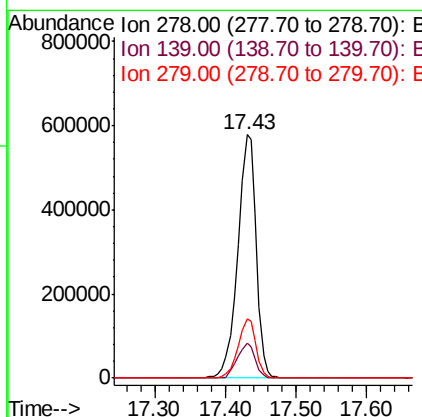
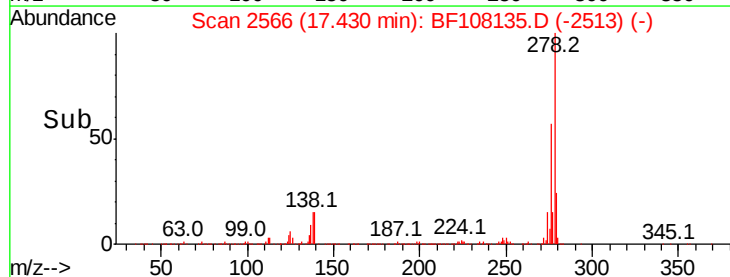
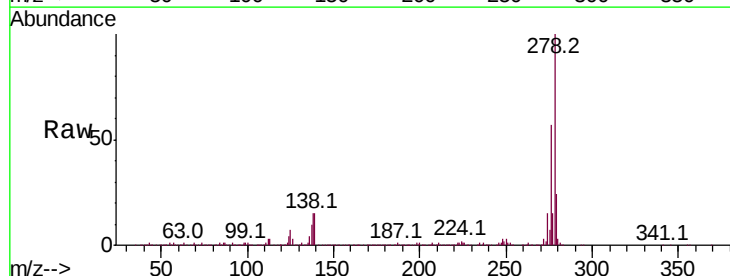
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

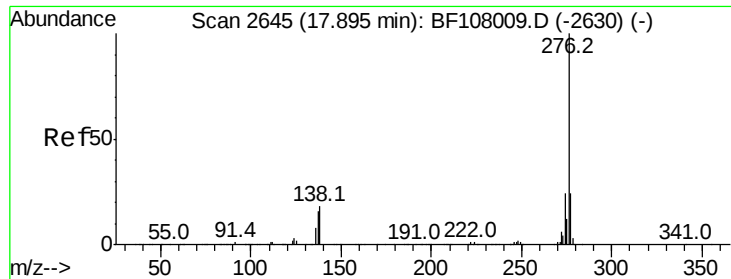
Tot Ion:252 Resp: 1144003
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 9.9 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 45.540 ng
RT: 17.43 min Scan# 2566
Delta R.T. 0.01 min
Lab File: BF108135.D
Acq: 14 Aug 2018 10:53

Tgt Ion:278 Resp: 1048197
Ion Ratio Lower Upper
278 100
139 14.6 15.9 23.9#
279 24.1 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 45.286 ng
 RT: 17.92 min Scan# 2649
 Delta R.T. 0.02 min
 Lab File: BF108135.D
 Acq: 14 Aug 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 1026400
 Ion Ratio Lower Upper
 276 100
 277 24.3 17.9 26.9
 138 19.5 21.8 32.8#

