

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
 Data File : BF109582.D
 Acq On : 4 Oct 2018 13:15
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 04 14:33:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	91926	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	381070	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	183981	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	358188	20.00	ng	0.00
75) Chrysene-d12	13.84	240	255972	20.00	ng	0.00
86) Perylene-d12	15.24	264	219231	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	438184	78.51	ng	0.00
7) Phenol-d6	6.35	99	565502	79.40	ng	0.00
23) Nitrobenzene-d5	7.27	82	536688	83.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	156477	86.28	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	998345	81.84	ng	-0.01
78) Terphenyl-d14	12.79	244	842915	80.82	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	98497	38.319	ng	91
3) Pyridine	3.08	79	229656	34.714	ng	92
4) n-Nitrosodimethylamine	3.02	42	88630	31.480	ng	# 99
6) Aniline	6.37	93	345696	37.940	ng	# 65
8) 2-Chlorophenol	6.49	128	253669	40.872	ng	96
9) Benzaldehyde	6.25	77	163653	35.771	ng	99
10) Phenol	6.36	94	308796	38.288	ng	# 66
11) bis(2-Chloroethyl)ether	6.45	93	225080	35.665	ng	93
12) 1,3-Dichlorobenzene	6.65	146	282447	39.526	ng	99
13) 1,4-Dichlorobenzene	6.72	146	301646	41.901	ng	99
14) 1,2-Dichlorobenzene	6.87	146	263402	39.663	ng	99
15) Benzyl Alcohol	6.85	79	208063	38.167	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.99	45	327724	36.610	ng	81
17) 2-Methylphenol	6.97	107	198136	39.455	ng	# 93
18) Hexachloroethane	7.22	117	106305	41.913	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	177886	38.119	ng	97
20) 3+4-Methylphenols	7.12	107	245156	40.434	ng	# 64
22) Acetophenone	7.12	105	344176	39.065	ng	97
24) Nitrobenzene	7.29	77	276441	40.275	ng	95
25) Isophorone	7.53	82	430211	37.009	ng	97
26) 2-Nitrophenol	7.60	139	133277	49.100	ng	94
27) 2,4-Dimethylphenol	7.65	122	190082	37.528	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	295233	38.367	ng	99
29) 2,4-Dichlorophenol	7.85	162	218117	40.986	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	234841	39.492	ng	96
31) Naphthalene	8.01	128	680617	38.221	ng	99
32) Benzoic acid	7.79	122	115942	35.712	ng	95
33) 4-Chloroaniline	8.06	127	308026	39.596	ng	97
34) Hexachlorobutadiene	8.13	225	143462	40.019	ng	97
35) Caprolactam	8.44	113	64458	37.938	ng	# 76
36) 4-Chloro-3-methylphenol	8.55	107	228295	40.768	ng	98
37) 2-Methylnaphthalene	8.70	142	444704	38.739	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	237271	40.523	ng	98
40) Hexachlorocyclopentadiene	8.86	237	82304	32.227	ng	97

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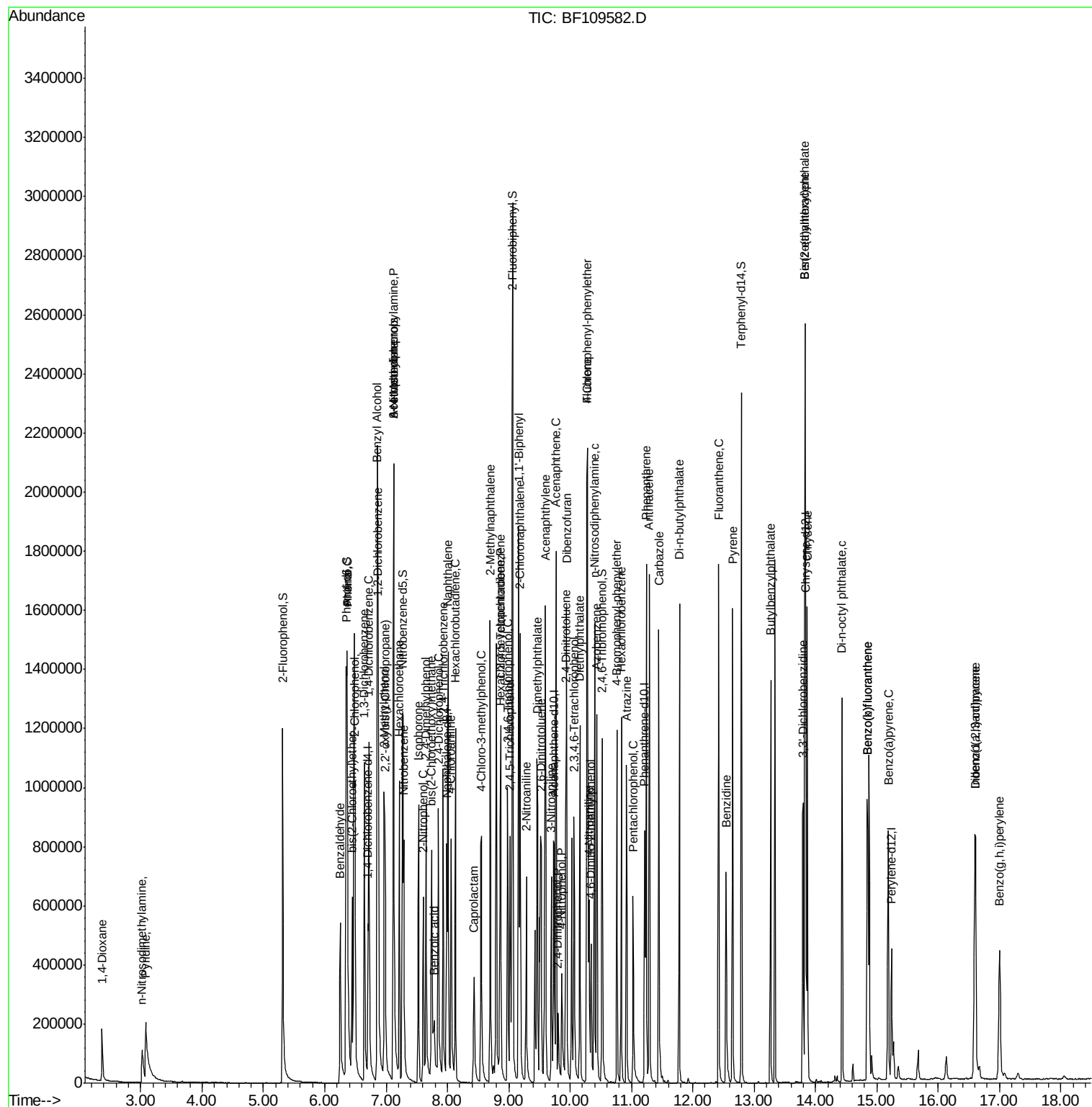
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	144498	38.451	nq	98
43) 2,4,5-Trichlorophenol	9.02	196	169436	42.691	nq	96
45) 1,1'-Biphenyl	9.16	154	590148	39.369	nq	97
46) 2-Chloronaphthalene	9.19	162	471666	39.387	nq	99
47) 2-Nitroaniline	9.29	65	144668	42.609	nq	99
48) Acenaphthylene	9.60	152	698508	38.665	nq	100
49) Dimethylphthalate	9.46	163	523595	39.128	nq	99
50) 2,6-Dinitrotoluene	9.53	165	115475	43.571	nq	97
51) Acenaphthene	9.77	154	397161	36.362	nq	98
52) 3-Nitroaniline	9.70	138	133965	43.648	nq	96
53) 2,4-Dinitrophenol	9.80	184	34155	40.983	nq #	31
54) Dibenzofuran	9.94	168	621690	38.273	nq	96
55) 4-Nitrophenol	9.86	139	78123	33.789	nq	89
56) 2,4-Dinitrotoluene	9.93	165	149436	44.563	nq #	93
57) Fluorene	10.28	166	456440	39.383	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	135296	43.053	nq #	87
59) Diethylphthalate	10.16	149	514611	37.976	nq	97
60) 4-Chlorophenyl-phenylether	10.27	204	239163	39.508	nq	97
61) 4-Nitroaniline	10.31	138	134200	44.835	nq	97
62) Azobenzene	10.43	77	520460	36.967	nq	97
64) 4,6-Dinitro-2-methylphenol	10.34	198	63170	44.598	nq	96
65) n-Nitrosodiphenylamine	10.40	169	462072	39.045	nq	94
66) 4-Bromophenyl-phenylether	10.76	248	157158	39.511	nq #	88
67) Hexachlorobenzene	10.83	284	166422	39.396	nq #	91
68) Atrazine	10.92	200	135043	37.103	nq	97
69) Pentachlorophenol	11.03	266	97686	38.636	nq	98
70) Phenanthrene	11.24	178	681241	38.092	nq	99
71) Anthracene	11.29	178	711801	39.241	nq	100
72) Carbazole	11.45	167	689043	38.179	nq	100
73) Di-n-butylphthalate	11.78	149	807845	38.882	nq	100
74) Fluoranthene	12.42	202	715776	37.451	nq	97
76) Benzidine	12.54	184	351546	38.091	nq	99
77) Pyrene	12.65	202	737797	40.218	nq	99
79) Butylbenzylphthalate	13.27	149	326617	41.848	nq	98
80) Benzo(a)anthracene	13.83	228	547317	35.499	nq	98
81) 3,3'-Dichlorobenzidine	13.80	252	230277	39.300	nq #	97
82) Chrysene	13.87	228	574998	37.627	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	397984	40.433	nq	98
84) Di-n-octyl phthalate	14.43	149	645735	38.369	nq	98
85) Indeno(1,2,3-cd)pyrene	16.60	276	461307	37.242	nq #	92
87) Benzo(b)fluoranthene	14.84	252	485351	40.290	nq	98
88) Benzo(k)fluoranthene	14.84	252	485351	42.458	nq	97
89) Benzo(a)pyrene	15.19	252	422821	38.952	nq	98
90) Dibenzo(a,h)anthracene	16.61	278	380727	42.753	nq #	95
91) Benzo(g,h,i)perylene	17.00	276	388515	44.390	nq #	91

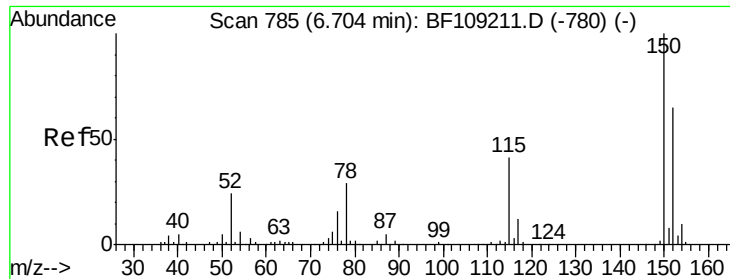
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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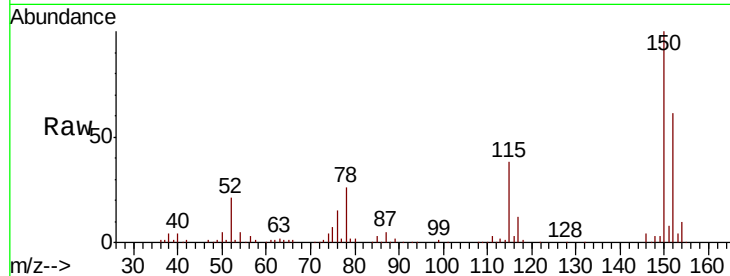


#1

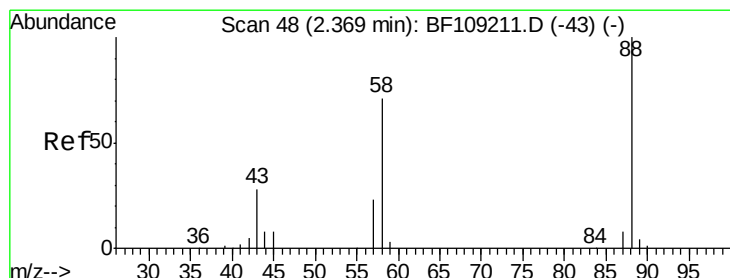
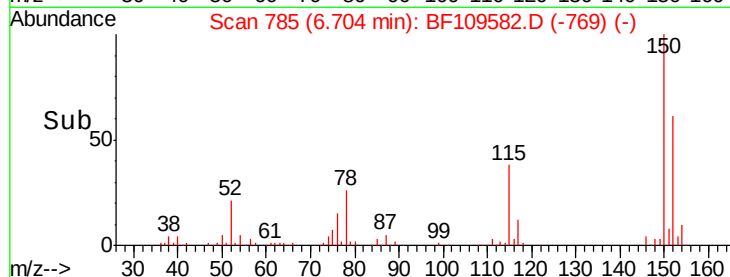
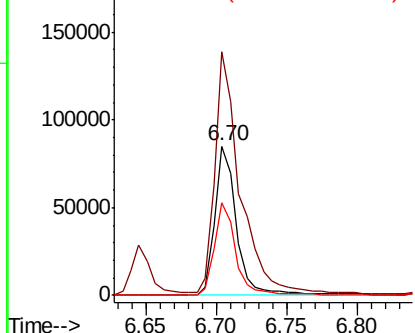
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 91926
Ion Ratio Lower Upper
152 100
150 162.9 124.6 186.8
115 62.0 50.1 75.1



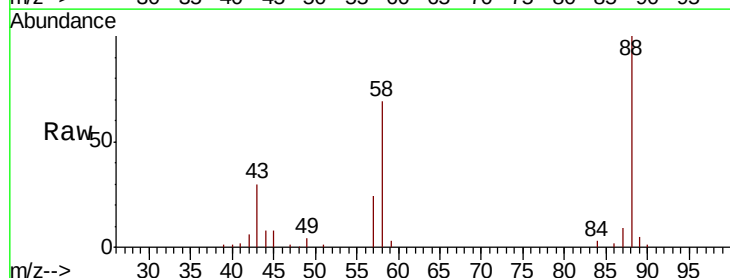
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



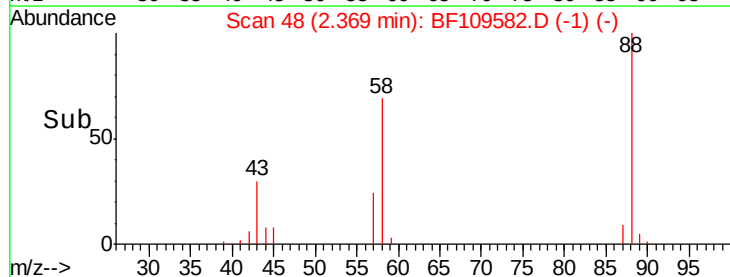
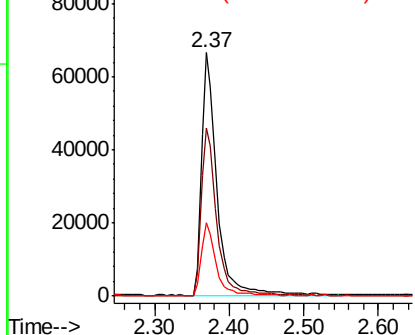
#2

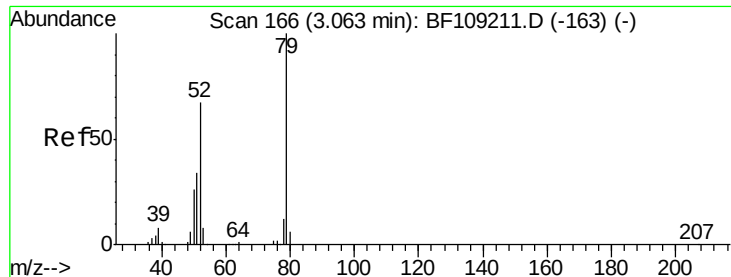
1,4-Dioxane
Concen: 38.319 ng
RT: 2.37 min Scan# 48
Delta R.T. 0.00 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

Tgt Ion: 88 Resp: 98497
Ion Ratio Lower Upper
88 100
58 68.8 62.6 93.8
43 28.5 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: 34.714 ng

RT: 3.08 min Scan# 169

Delta R.T. 0.02 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

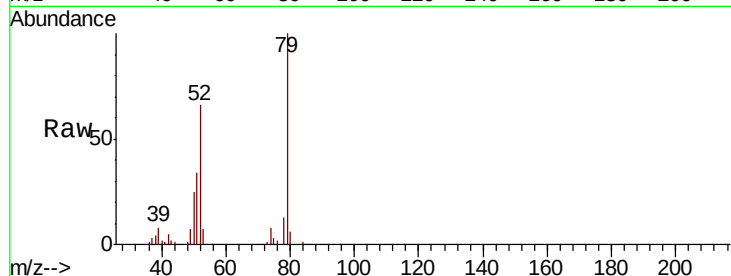
Tot Ion: 79 Resp: 229656

Ion Ratio Lower Upper

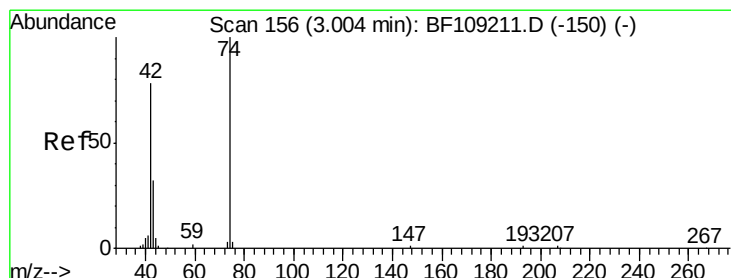
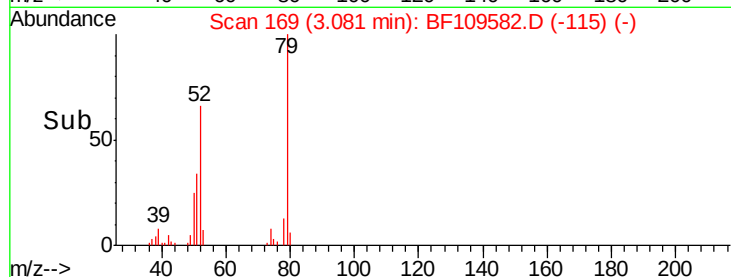
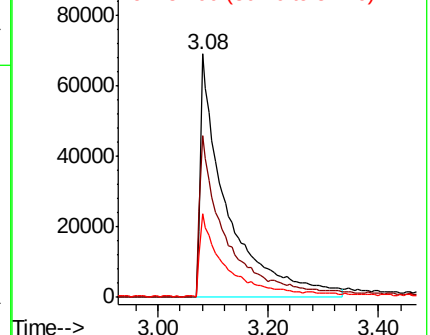
79 100

52 66.3 59.8 89.6

51 34.3 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 31.480 ng

RT: 3.02 min Scan# 159

Delta R.T. 0.00 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

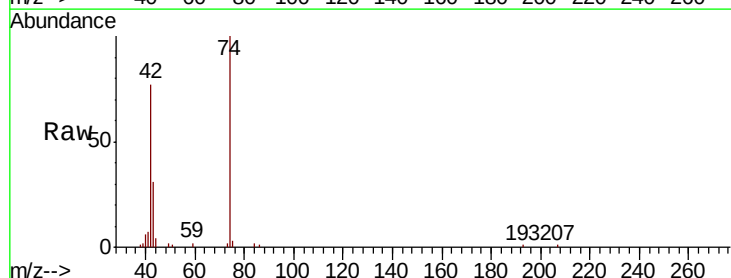
Tgt Ion: 42 Resp: 88630

Ion Ratio Lower Upper

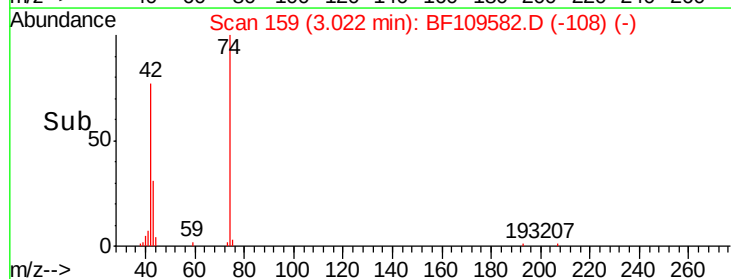
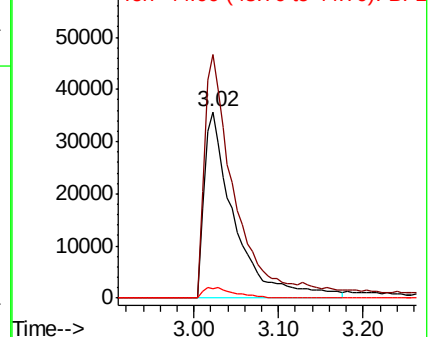
42 100

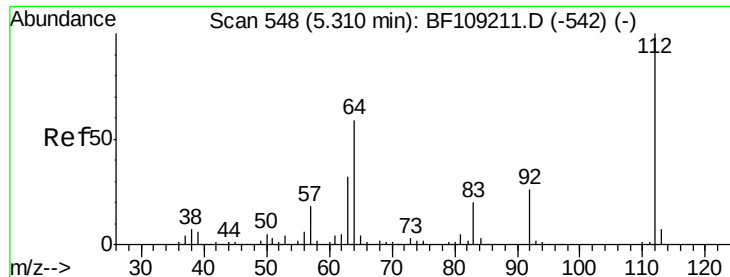
74 130.5 104.9 157.3

44 5.2 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: 78.511 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF109582.D

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ClientSampleId :

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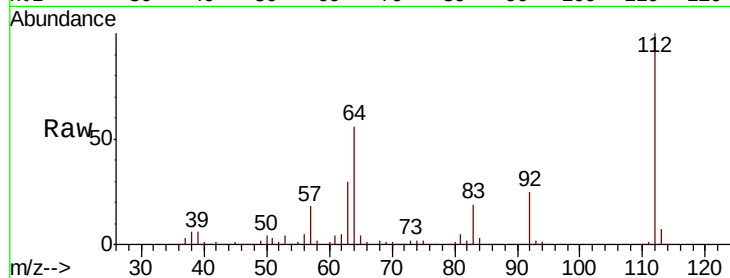
Tot Ion:112 Resp: 438184

Ion Ratio Lower Upper

112 100

64 56.2 47.9 71.9

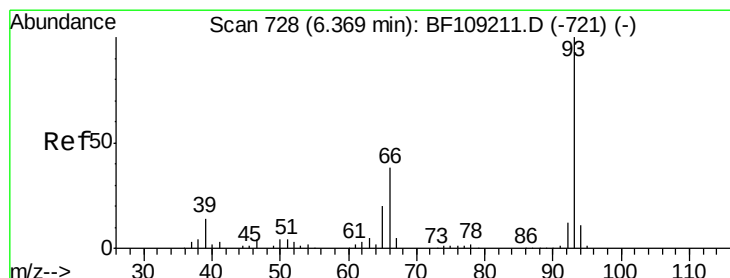
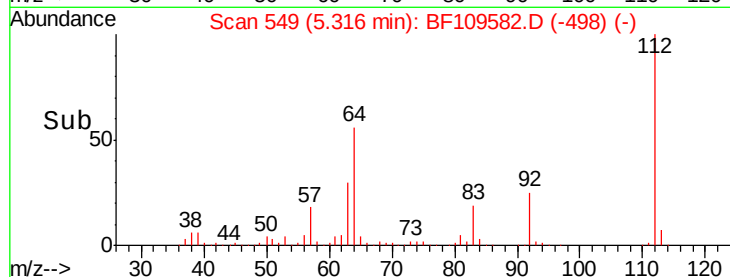
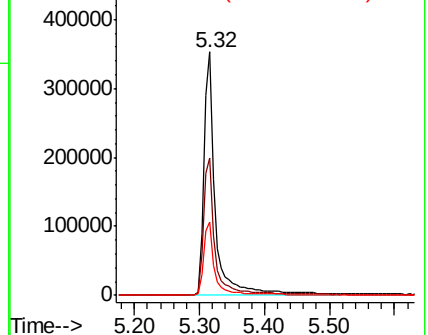
63 30.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.940 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

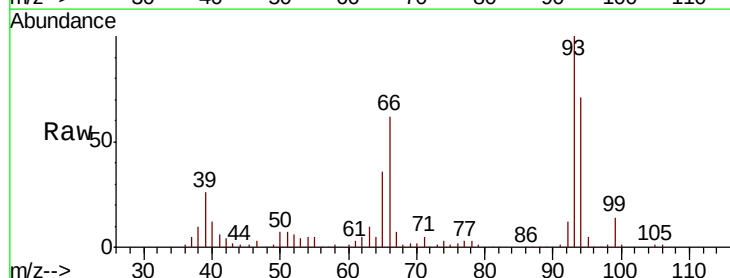
Tgt Ion: 93 Resp: 345696

Ion Ratio Lower Upper

93 100

66 61.9 32.2 48.2#

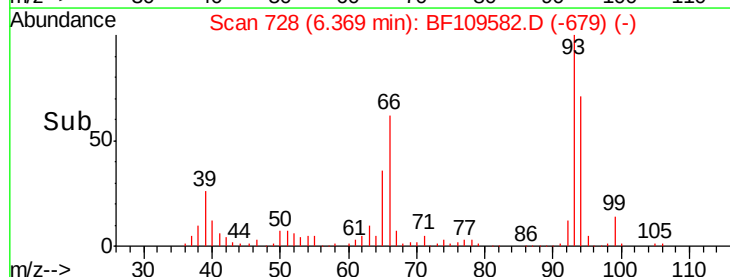
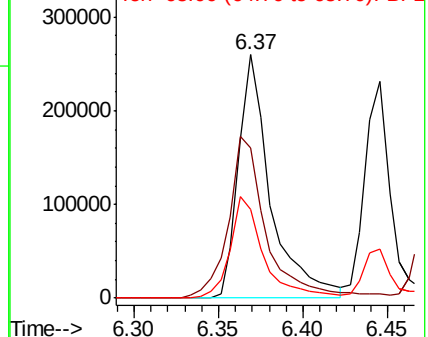
65 36.4 16.4 24.6#

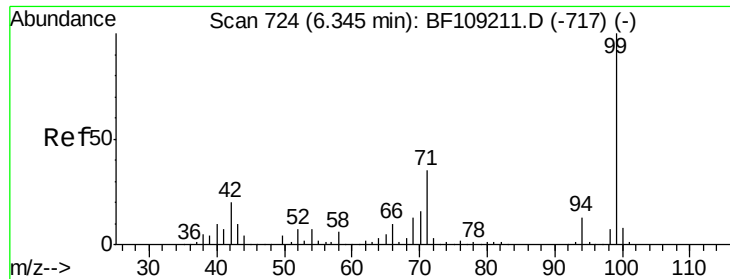


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.405 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109582.D

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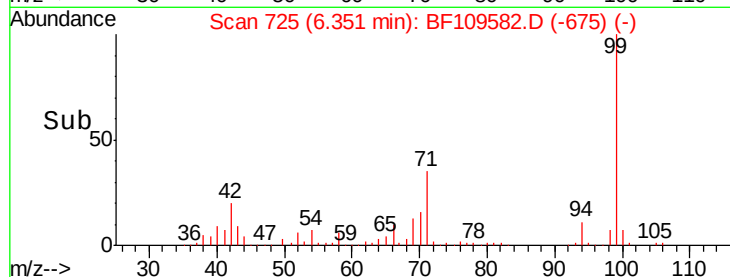
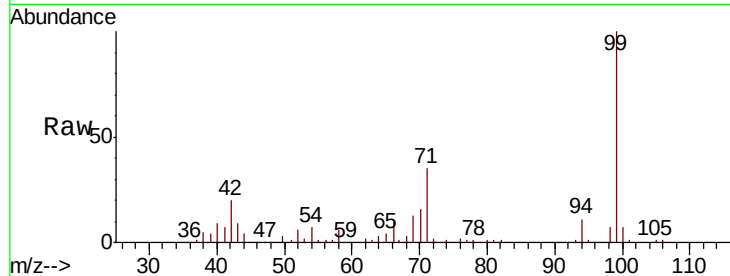
Tot Ion: 99 Resp: 565502

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

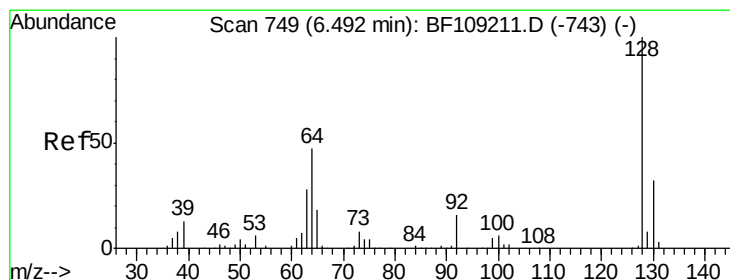
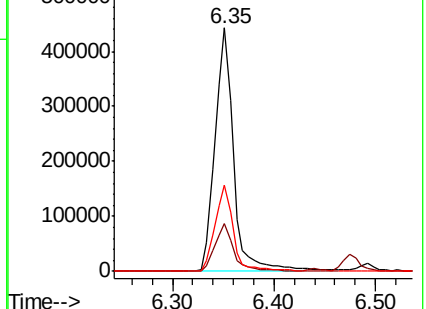
71 35.3 25.4 38.0



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: 40.872 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

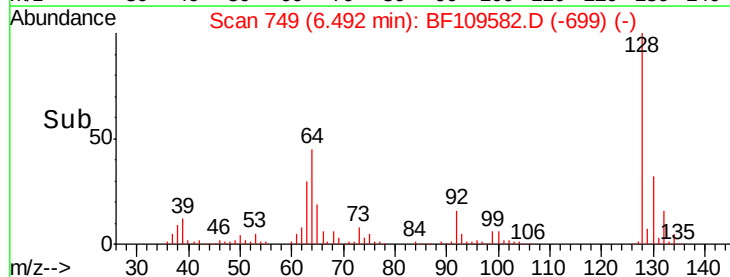
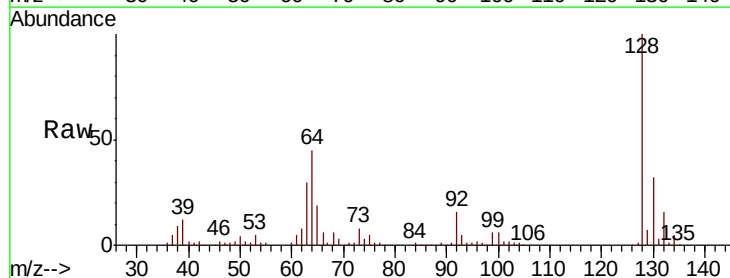
Tgt Ion:128 Resp: 253669

Ion Ratio Lower Upper

128 100

130 31.9 13.0 53.0

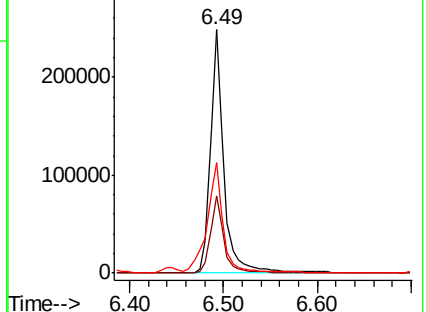
64 45.2 29.4 69.4

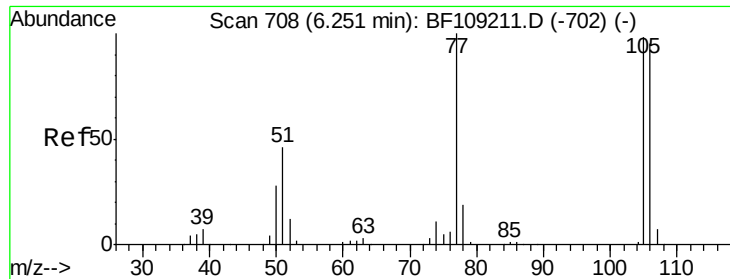


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.771 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.00 min

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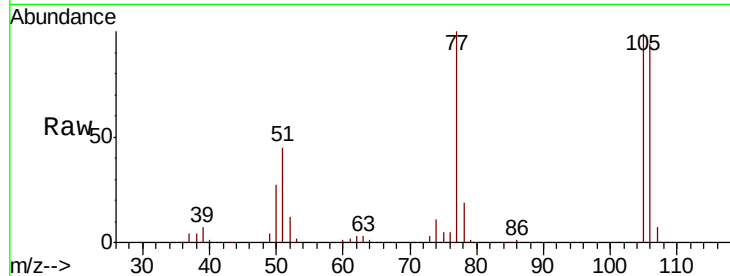
Tot Ion: 77 Resp: 163653

Ion Ratio Lower Upper

77 100

105 98.8 81.1 121.1

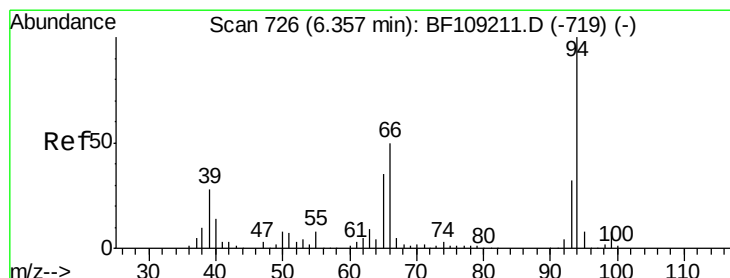
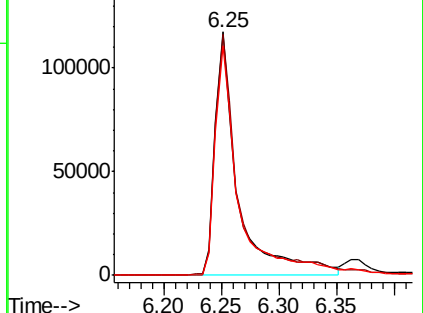
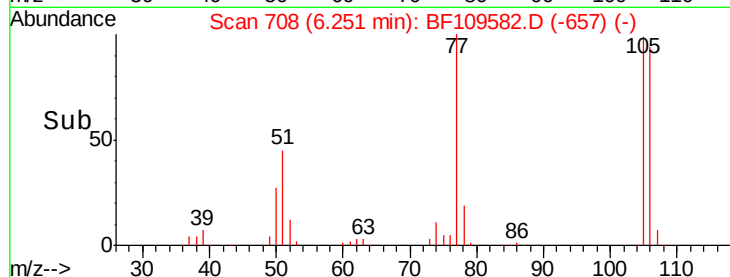
106 94.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.288 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

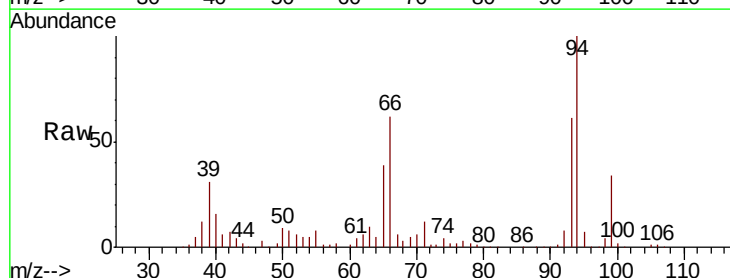
Tgt Ion: 94 Resp: 308796

Ion Ratio Lower Upper

94 100

65 39.1 7.9 47.9

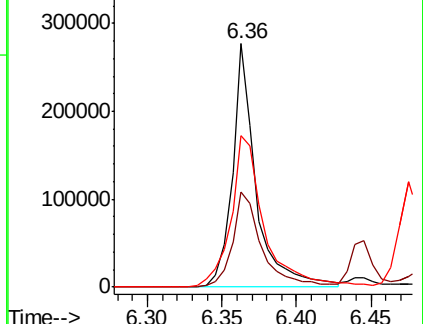
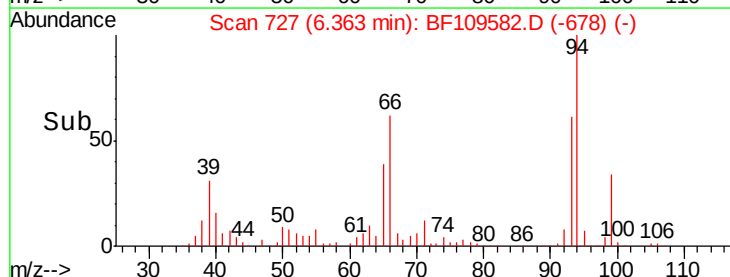
66 62.2 16.2 56.2#

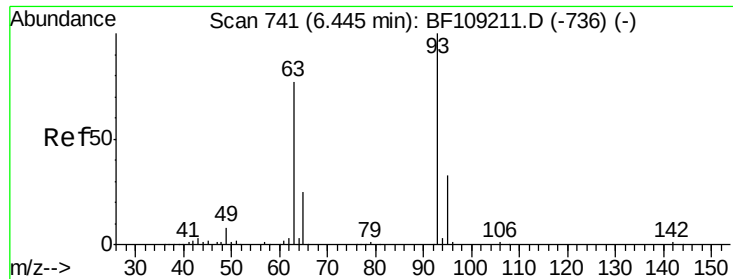


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 35.665 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

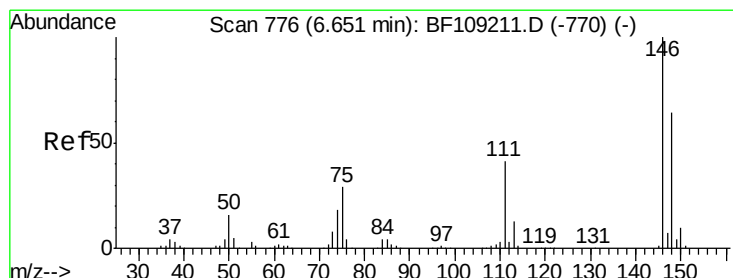
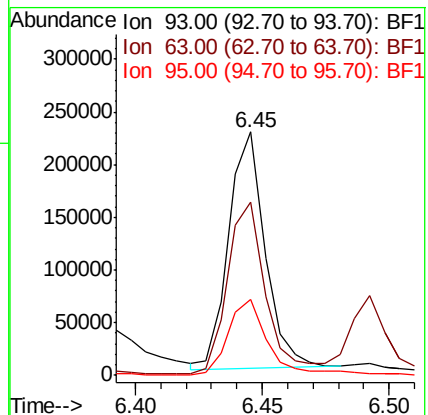
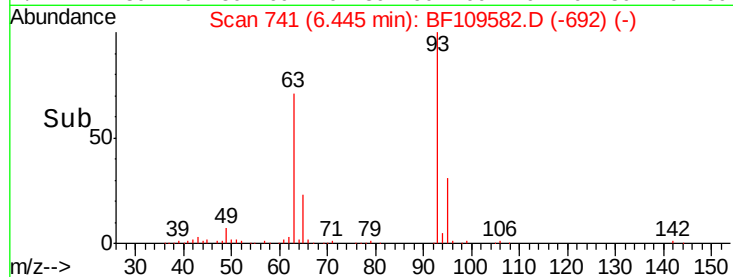
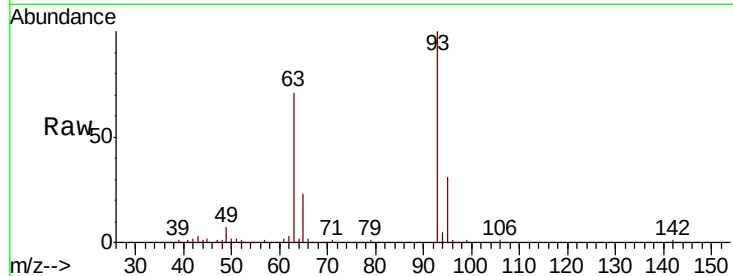
Tot Ion: 93 Resp: 225080

Ion Ratio Lower Upper

93 100

63 70.9 58.6 98.6

95 31.1 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 39.526 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

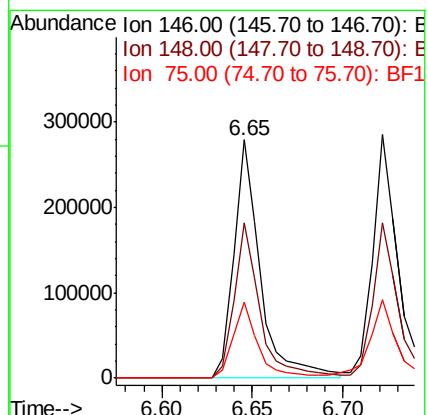
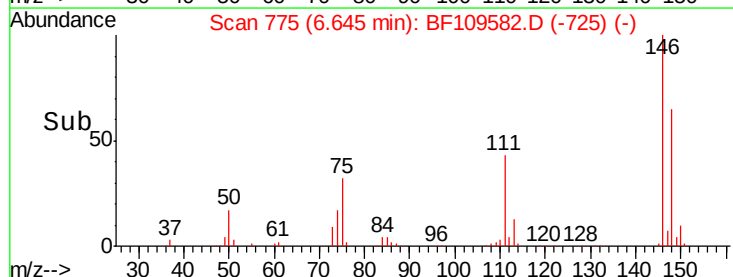
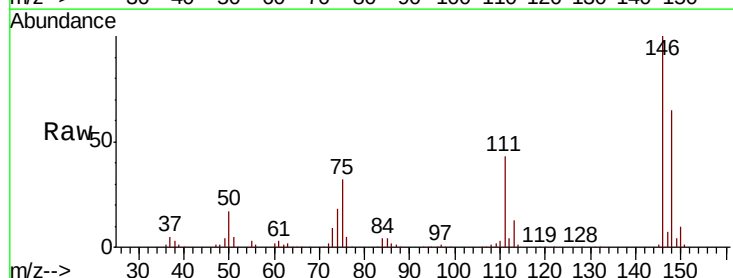
Tgt Ion: 146 Resp: 282447

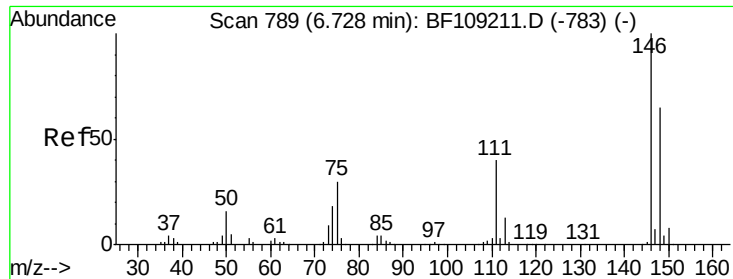
Ion Ratio Lower Upper

146 100

148 65.4 51.8 77.8

75 31.9 24.2 36.4

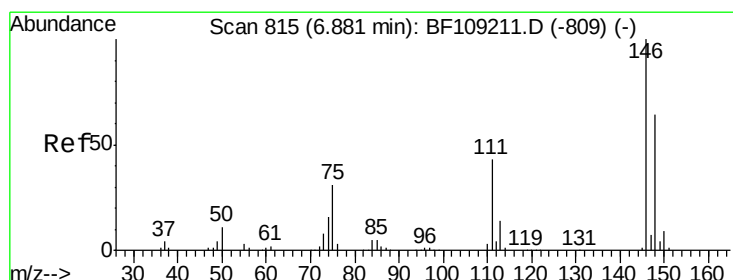
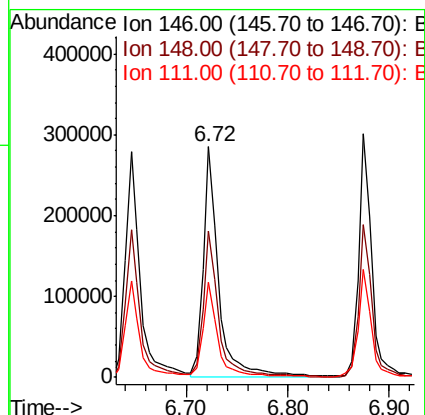
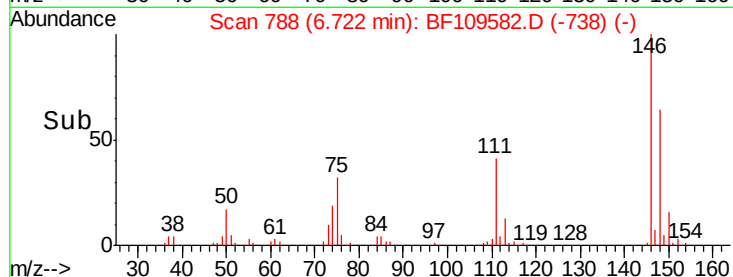
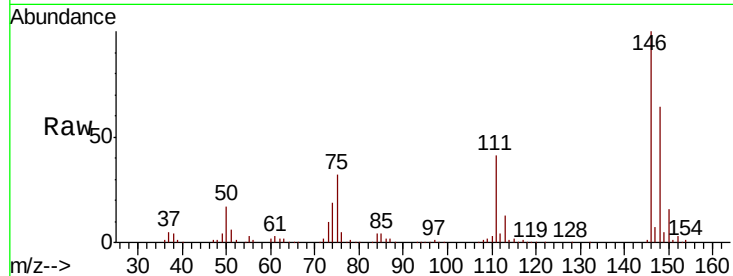




#13
 1,4-Dichlorobenzene
 Concen: 41.901 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF109582.D
 Acq: 4 Oct 2018 13:15

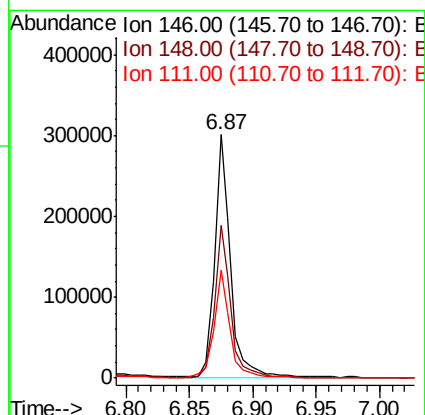
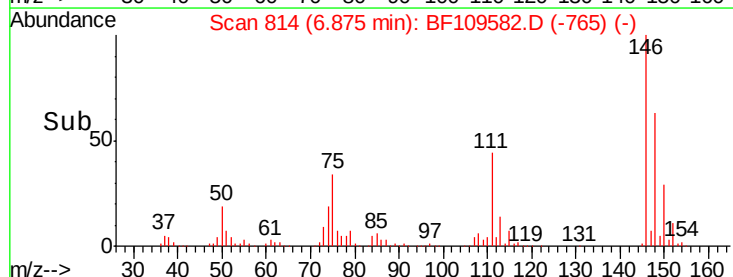
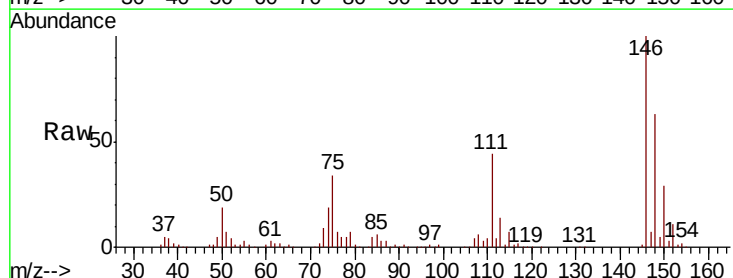
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

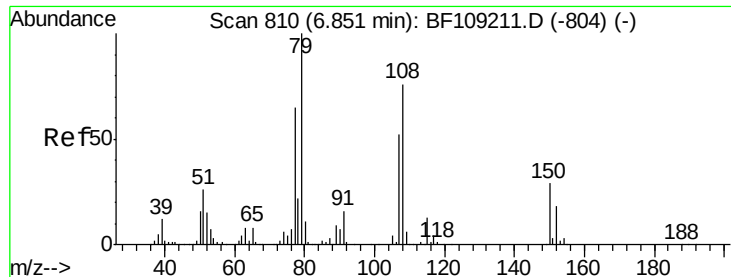
Tot Ion:146 Resp: 301646
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 41.1 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.663 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF109582.D
 Acq: 4 Oct 2018 13:15

Tgt Ion:146 Resp: 263402
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.6 75.8
 111 44.2 36.0 54.0





#15

Benzyl Alcohol

Concen: 38.167 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

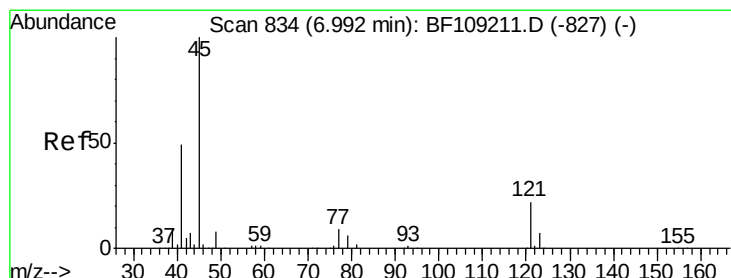
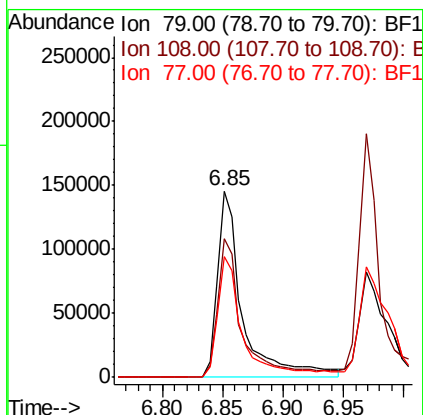
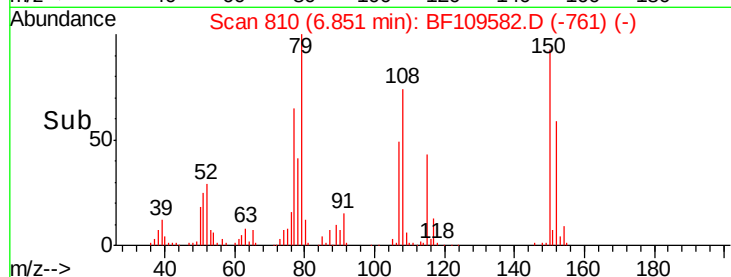
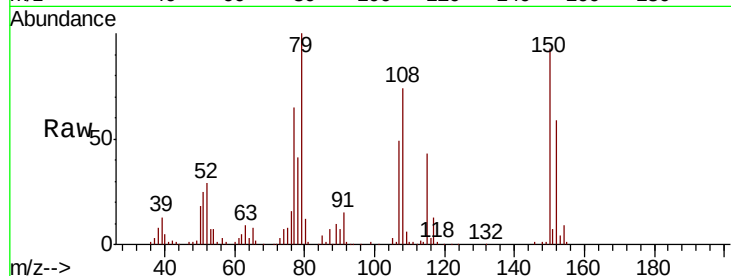
Tot Ion: 79 Resp: 208063

Ion Ratio Lower Upper

79 100

108 74.1 65.1 97.7

77 64.8 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.610 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

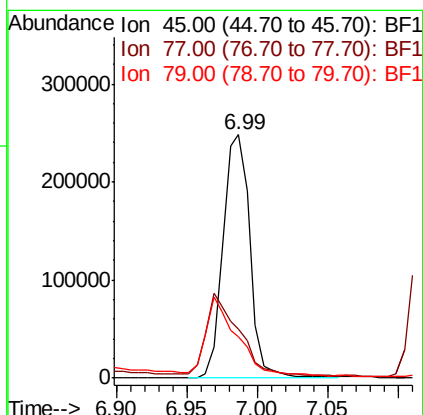
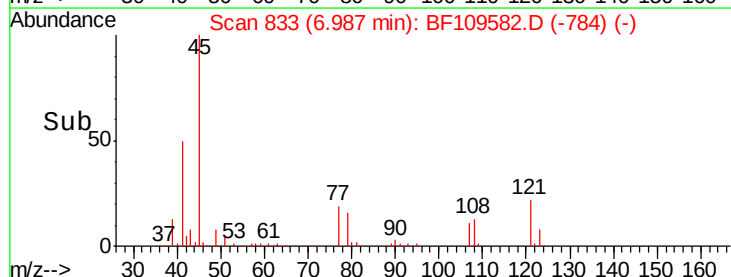
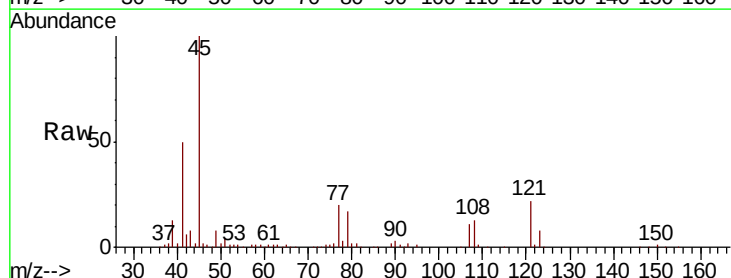
Tgt Ion: 45 Resp: 327724

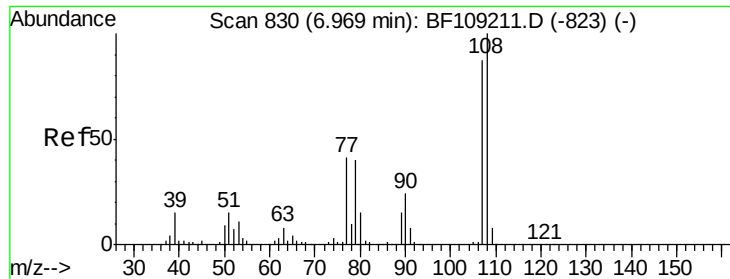
Ion Ratio Lower Upper

45 100

77 20.1 0.0 32.9

79 17.0 0.0 29.6

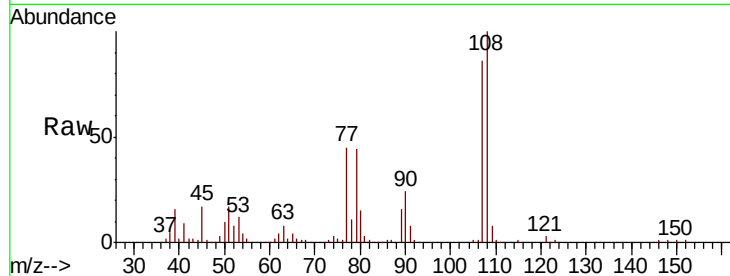




#17
2-Methylphenol
Concen: 39.455 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.7	91.7	137.5
77	52.4	33.8	50.8#
79	50.4	33.8	50.8



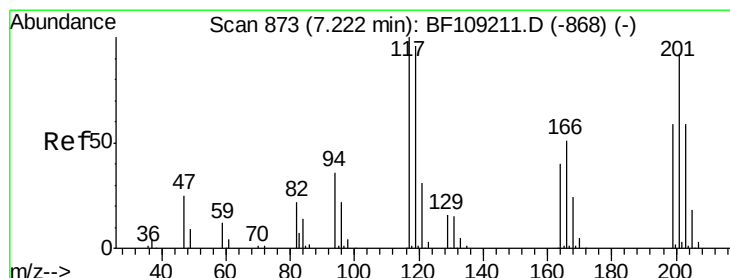
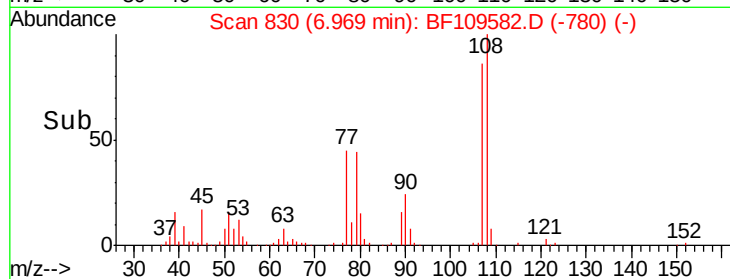
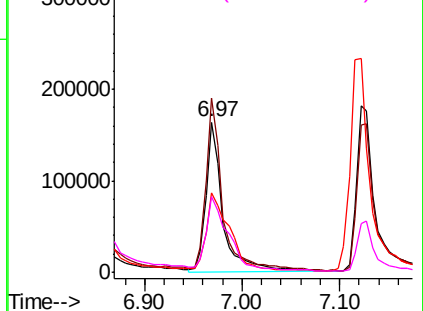
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

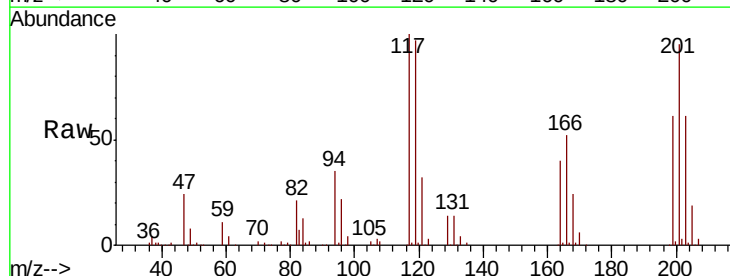
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.913 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.8	113.8
201	95.4	75.7	113.5

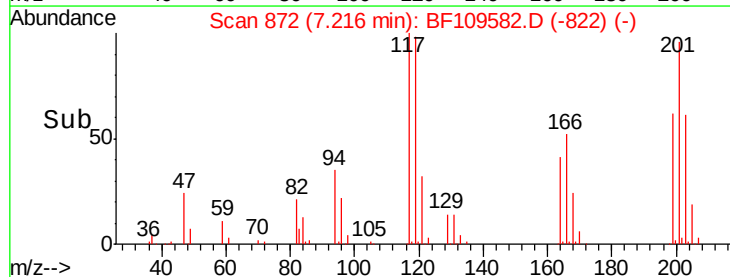
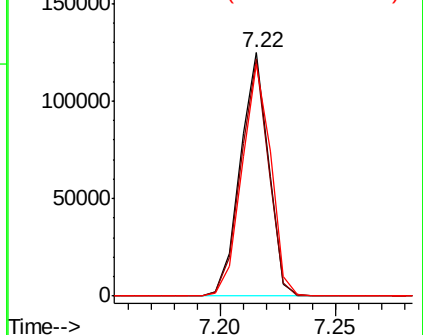


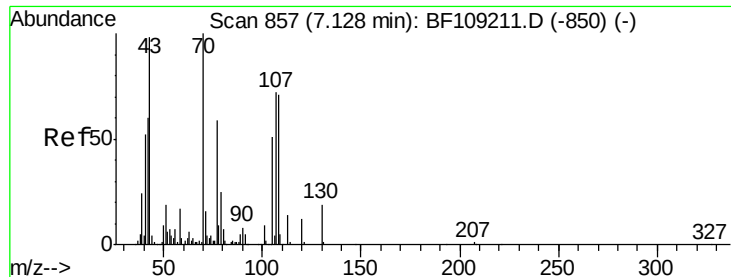
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

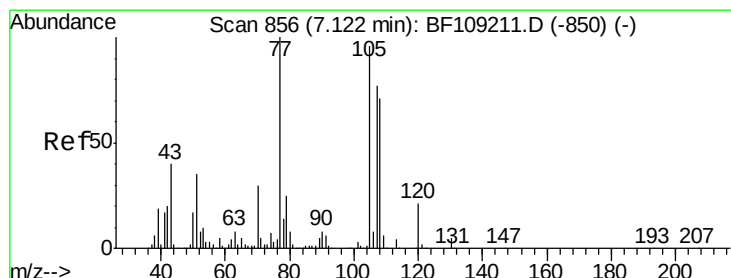
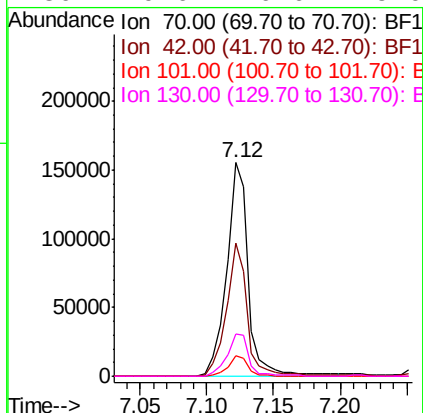
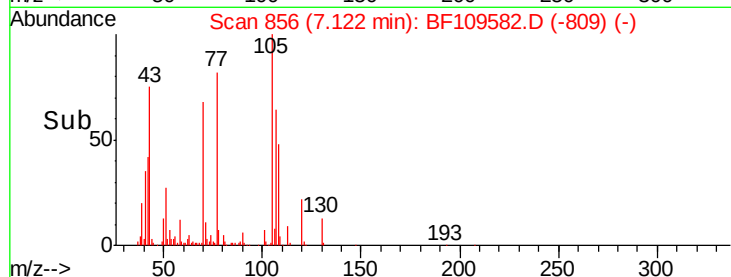
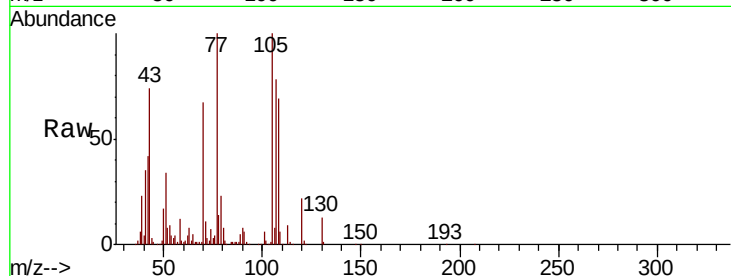




#19
n-Nitroso-di-n-propylamine
Concen: 38.119 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

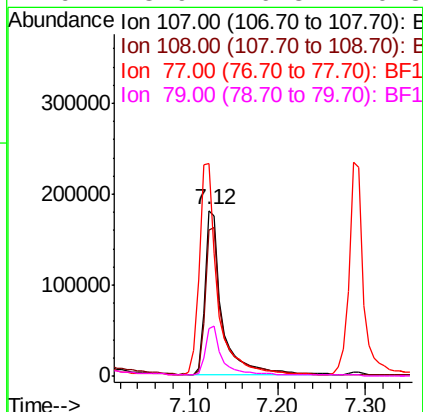
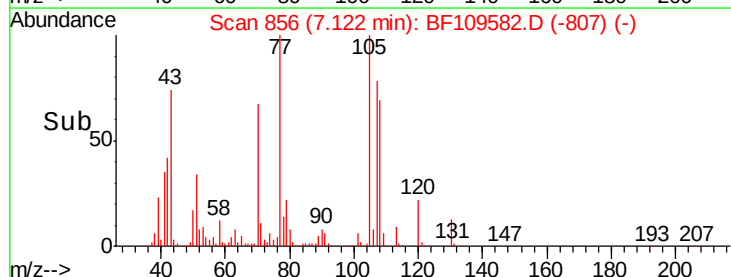
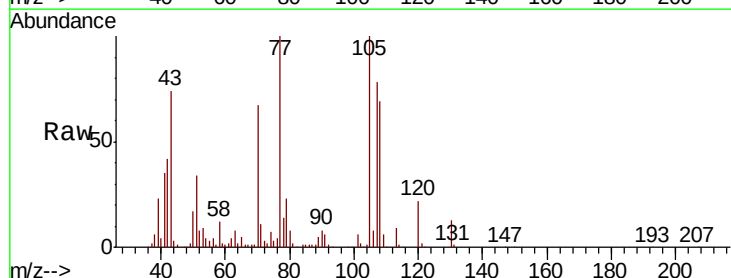
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

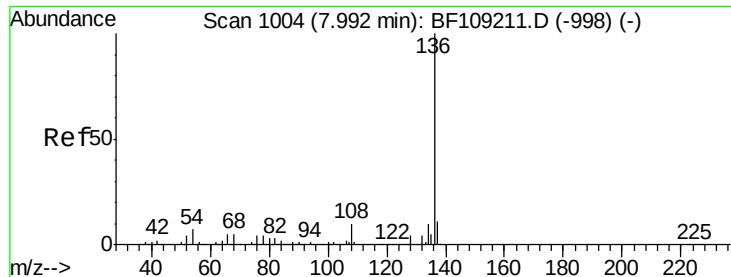
Tot Ion:	70	Resp:	177886
Ion	Ratio	Lower	Upper
70	100		
42	62.4	47.5	71.3
101	9.6	7.4	11.2
130	19.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 40.434 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

Tgt Ion:	107	Resp:	245156
Ion	Ratio	Lower	Upper
107	100		
108	88.2	68.2	108.2
77	128.4	26.7	66.7#
79	28.9	6.3	46.3

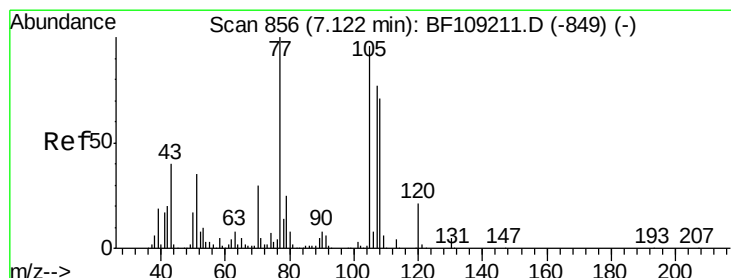
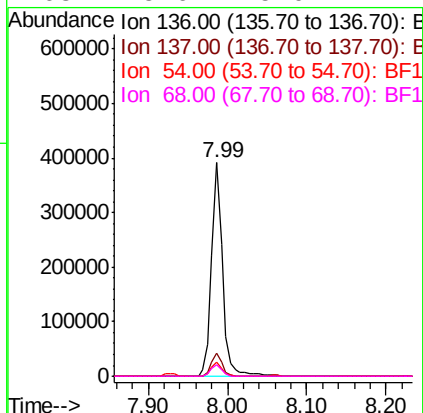
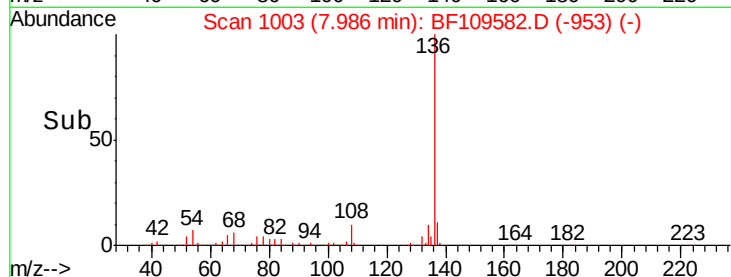
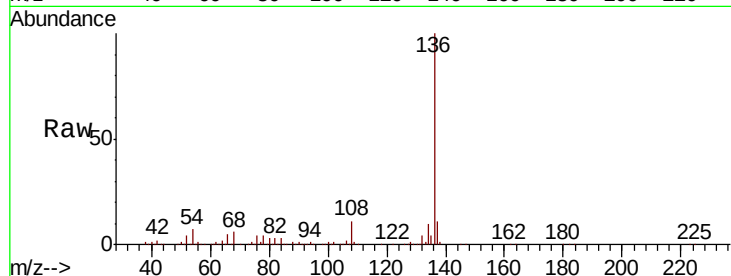




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

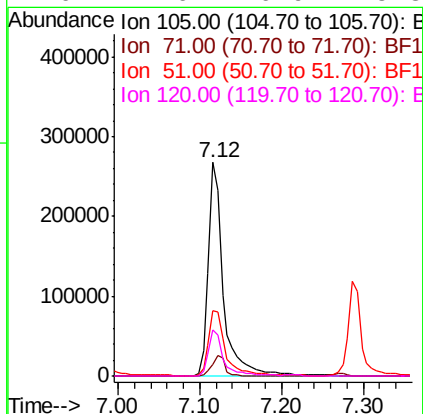
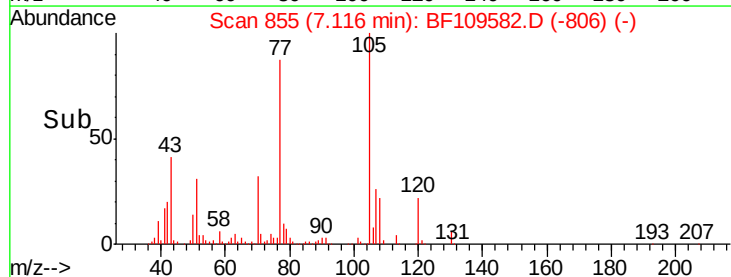
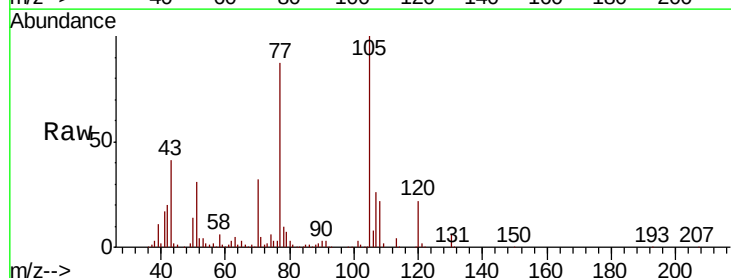
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

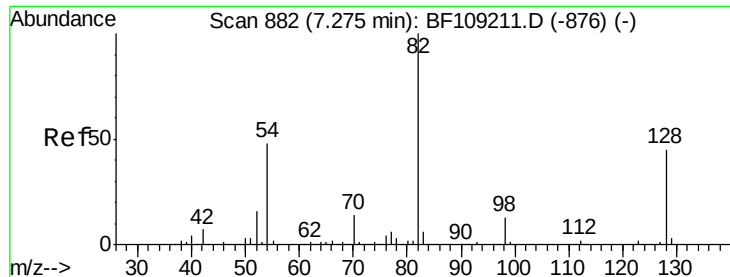
Tot Ion:136	Resp:	381070
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.9	13.3
54 6.9	6.6	9.8
68 5.6	5.0	7.4



#22
Acetophenone
Concen: 39.065 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

Tgt	Ion:105	Resp:	344176
Ion	Ratio	Lower	Upper
105	100		
71	5.3	4.4	6.6
51	30.6	22.3	33.5
120	21.6	16.9	25.3

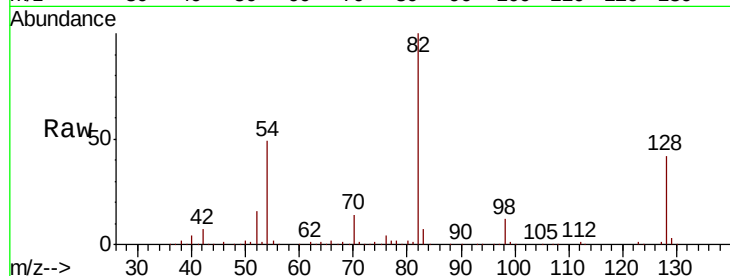




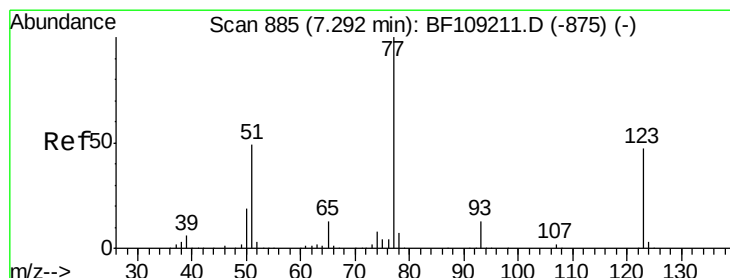
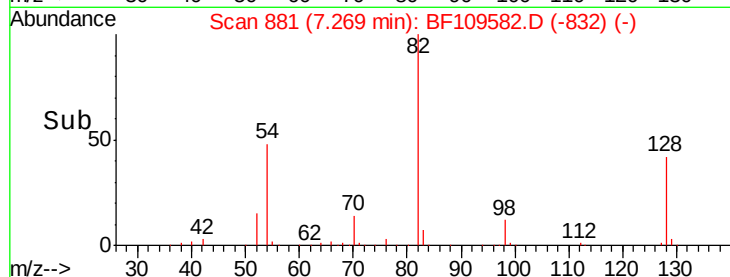
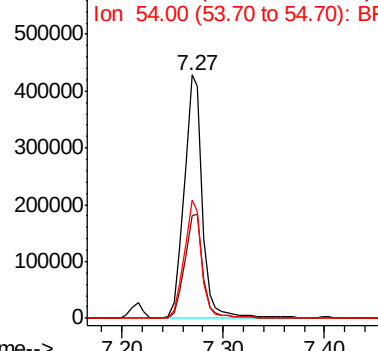
#23
Nitrobenzene-d5
Concen: 83.138 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 536688
Ion Ratio Lower Upper
82 100
128 42.3 36.1 54.1
54 48.7 41.4 62.2

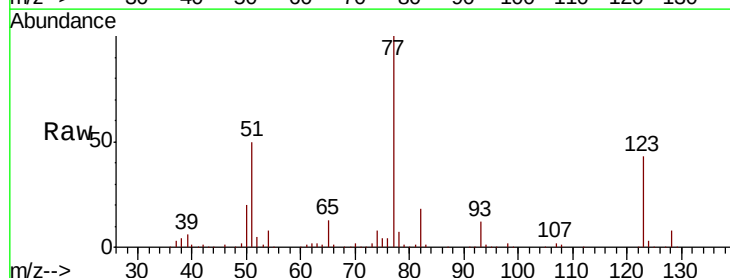


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

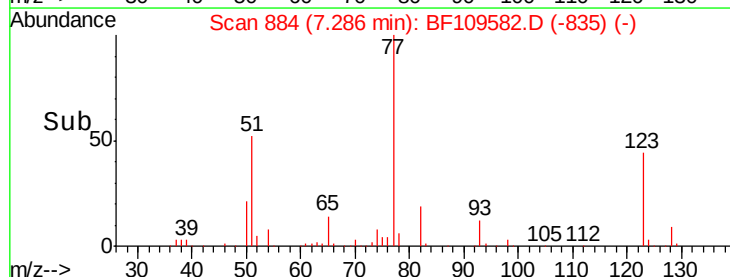
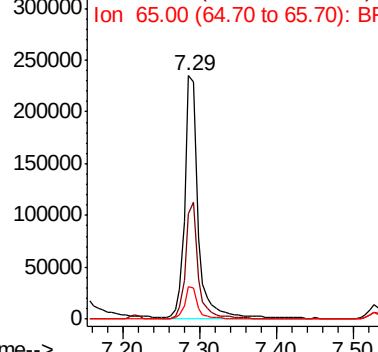


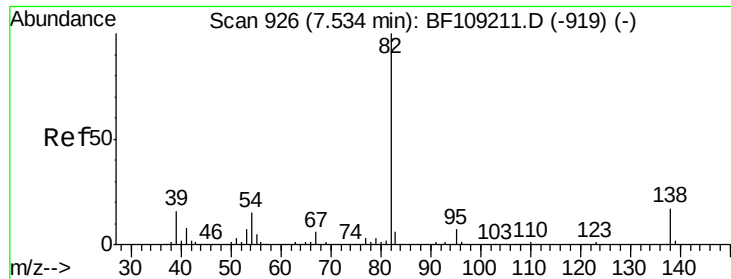
#24
Nitrobenzene
Concen: 40.275 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

Tgt Ion: 77 Resp: 276441
Ion Ratio Lower Upper
77 100
123 43.2 37.9 56.9
65 13.5 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: 37.009 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

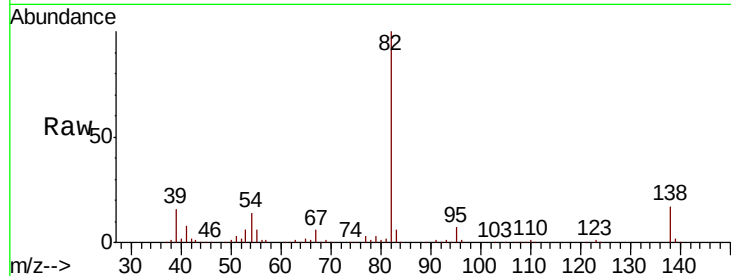
Tot Ion: 82 Resp: 430211

Ion Ratio Lower Upper

82 100

95 7.4 5.2 7.8

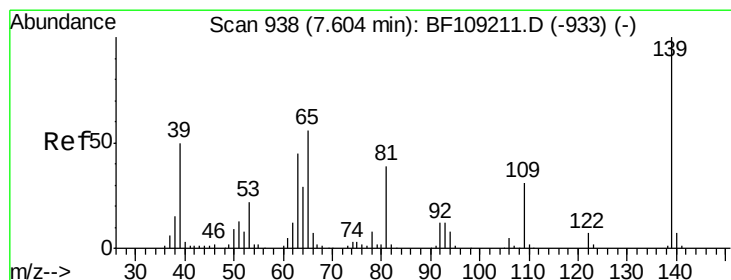
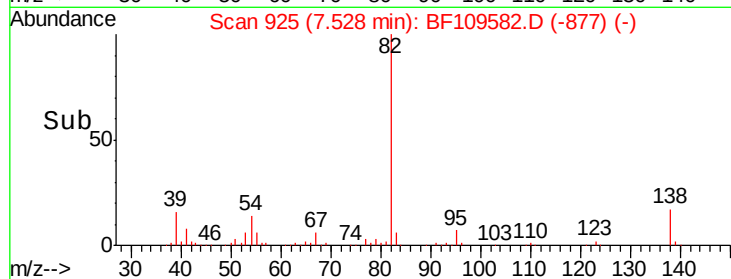
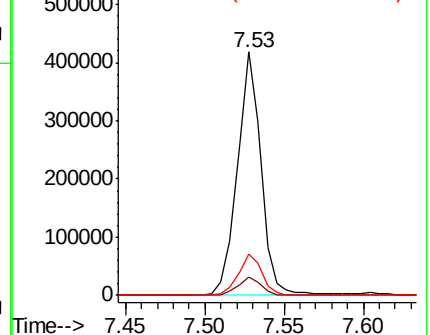
138 17.1 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 49.100 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

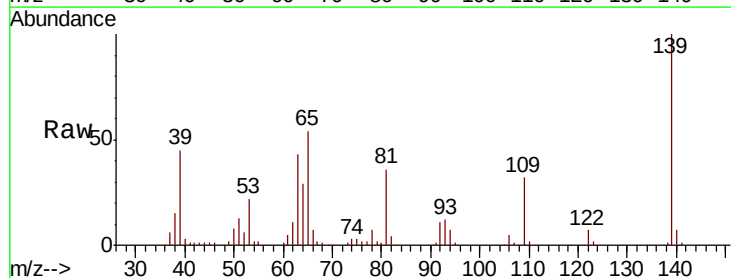
Tgt Ion: 139 Resp: 133277

Ion Ratio Lower Upper

139 100

109 32.2 22.7 34.1

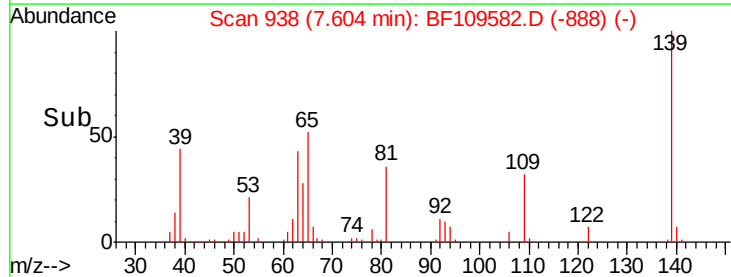
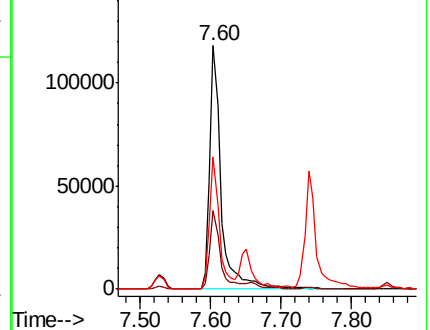
65 54.2 40.5 60.7

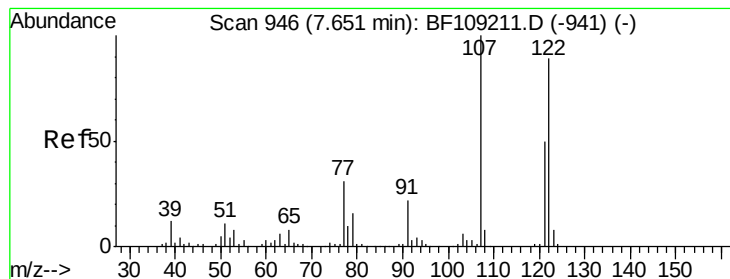


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 37.528 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

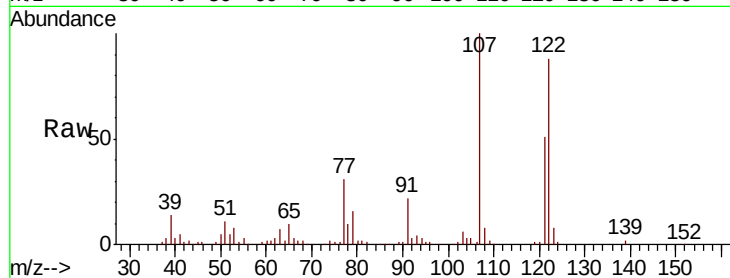
Tot Ion:122 Resp: 190082

Ion Ratio Lower Upper

122 100

107 113.2 91.2 136.8

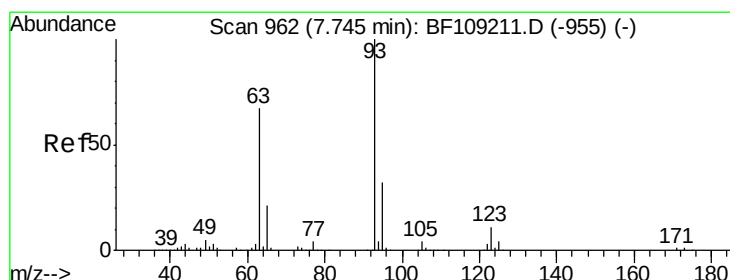
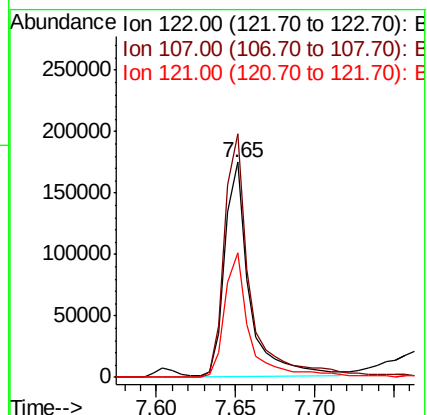
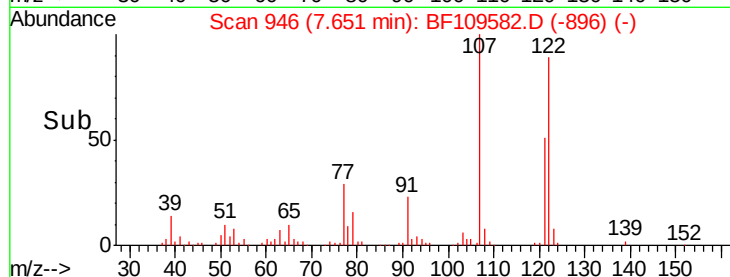
121 58.0 47.2 70.8



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: 38.367 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

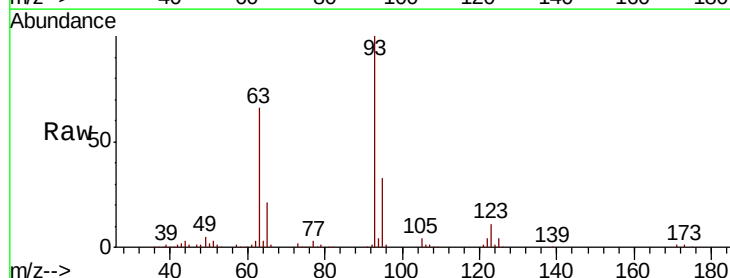
Tgt Ion: 93 Resp: 295233

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

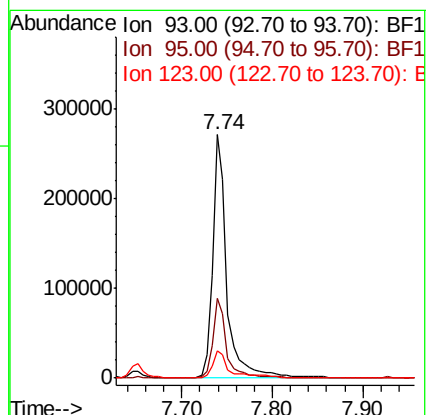
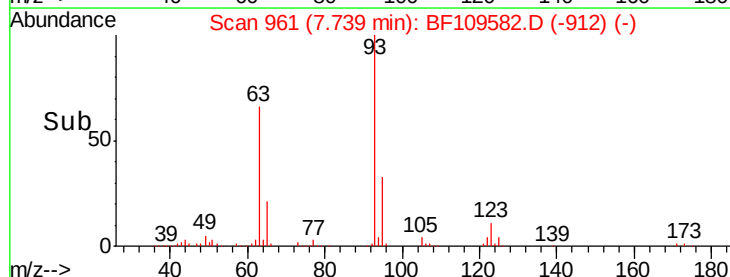
123 11.1 9.8 14.6

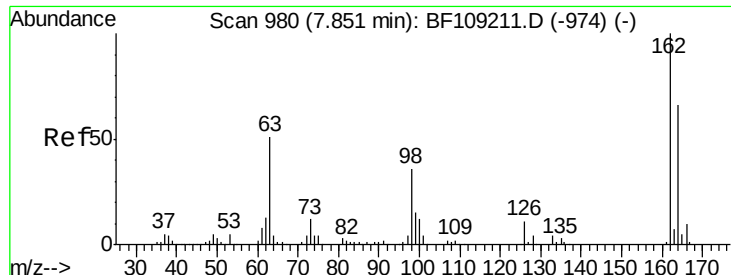


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

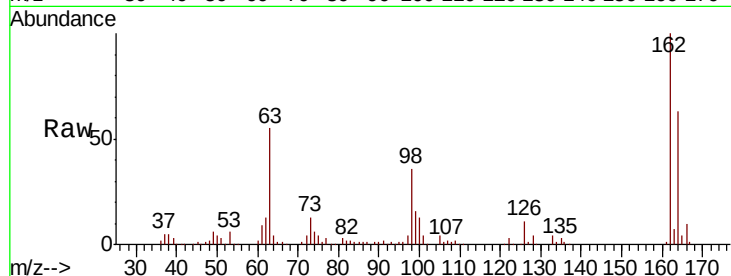




#29
 2,4-Dichlorophenol
 Concen: 40.986 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109582.D
 Acq: 4 Oct 2018 13:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	42.7	82.7
98	36.1	18.1	58.1

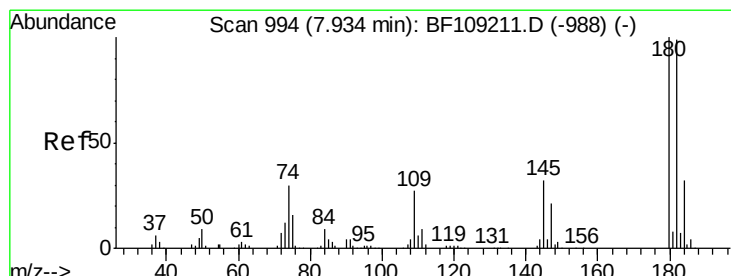
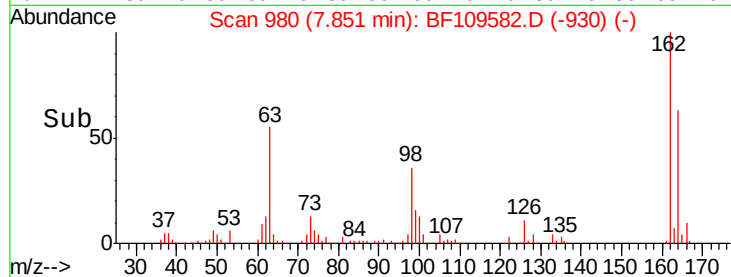
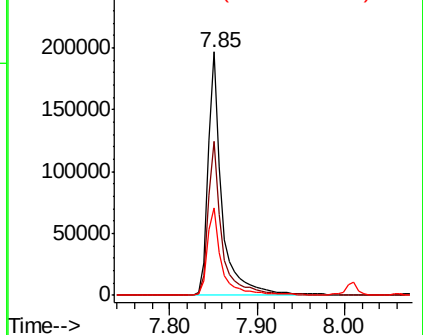


Abundance

Ion 162.00 (161.70 to 162.70): E

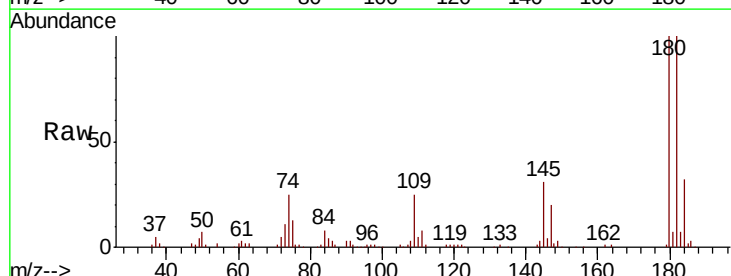
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.492 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109582.D
 Acq: 4 Oct 2018 13:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.9	76.8	115.2
145	31.3	26.5	39.7

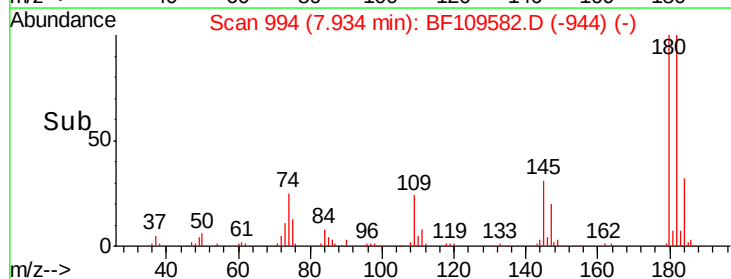
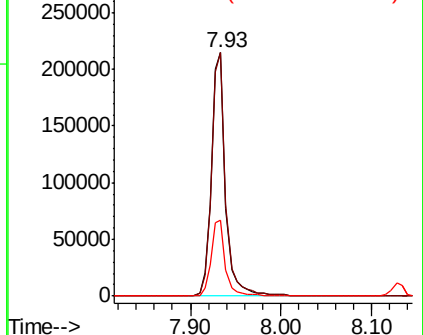


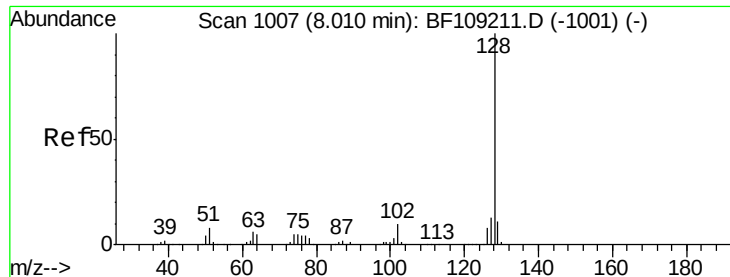
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

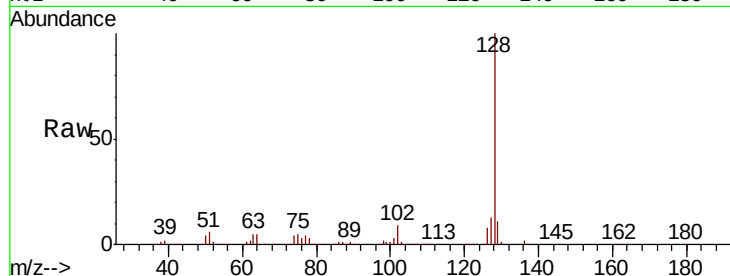




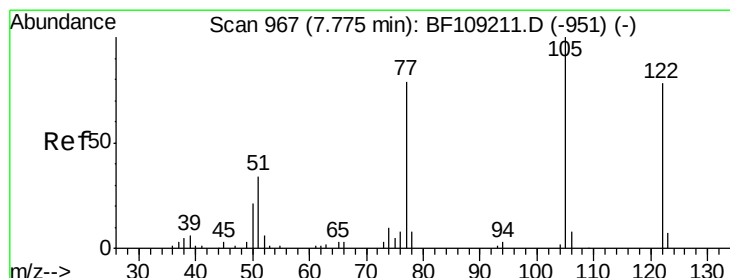
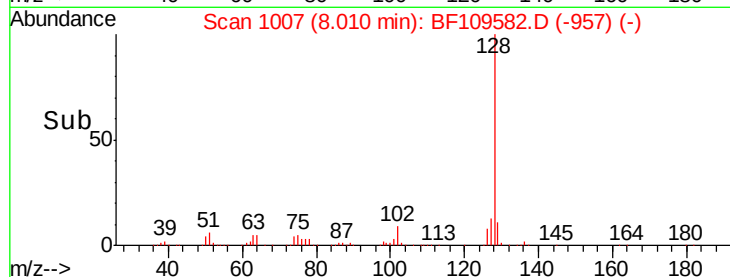
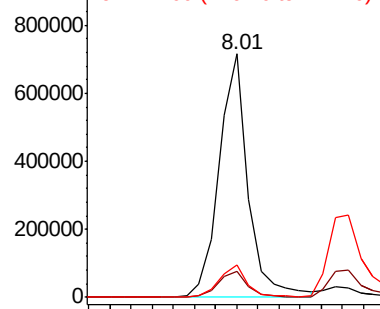
#31
Naphthalene
Concen: 38.221 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 680617
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.2 10.9 16.3

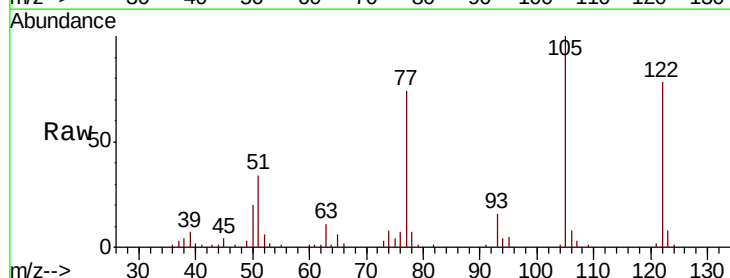


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

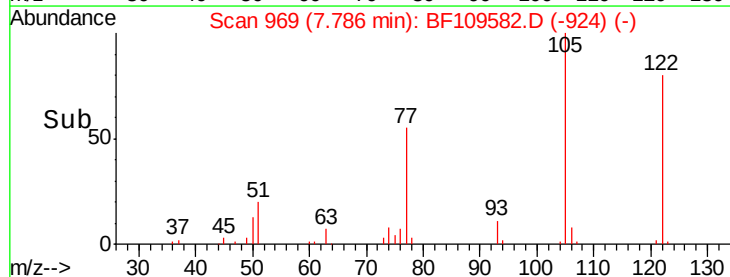
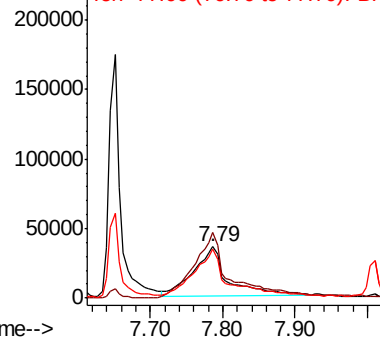


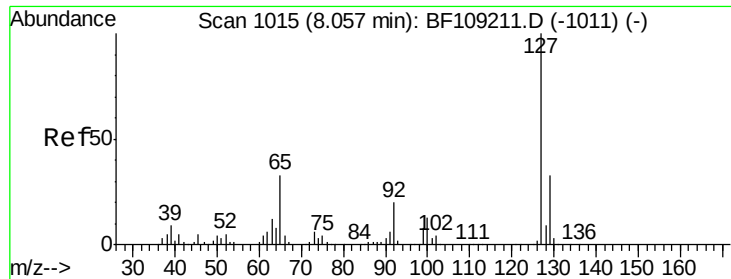
#32
Benzoic acid
Concen: 35.712 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.03 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

Tgt Ion:122 Resp: 115942
Ion Ratio Lower Upper
122 100
105 128.2 101.1 141.1
77 94.4 70.7 110.7



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

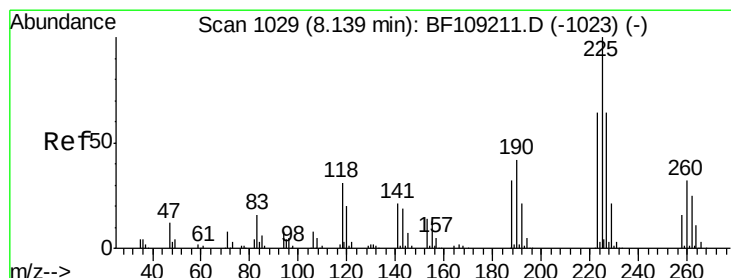
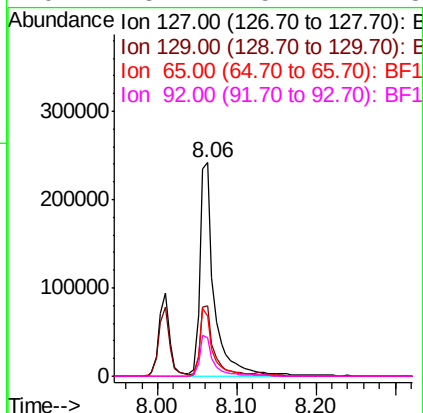
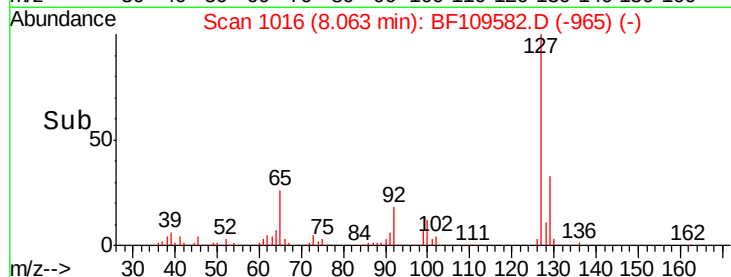
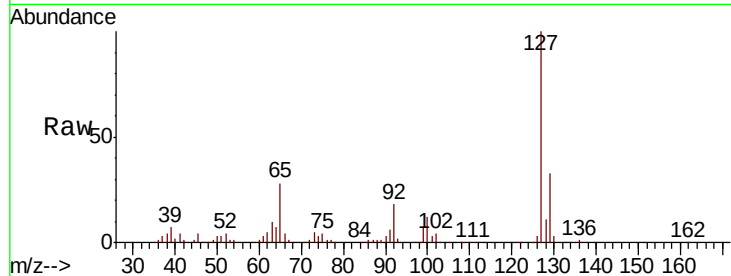




#33
4-Chloroaniline
Concen: 39.596 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

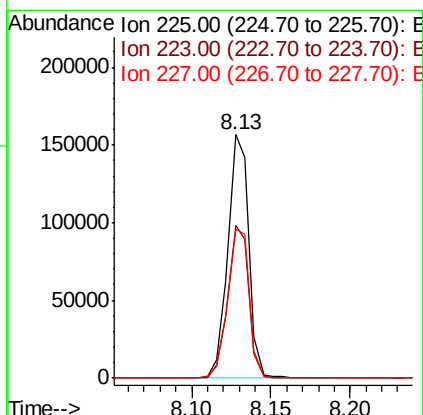
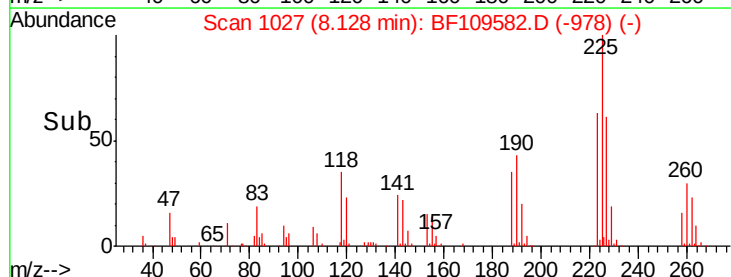
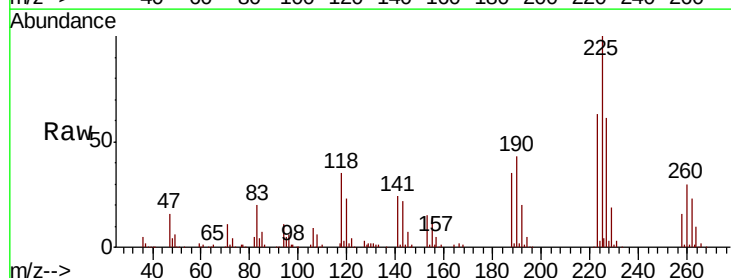
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

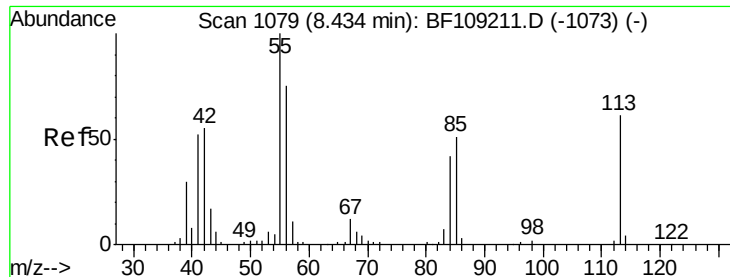
Tot Ion:	127	Resp:	308026
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	28.3	25.0	37.4
92	18.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 40.019 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

Tgt Ion:	225	Resp:	143462
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	61.3	51.9	77.9





#35

Caprolactam

Concen: 37.938 ng

RT: 8.44 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

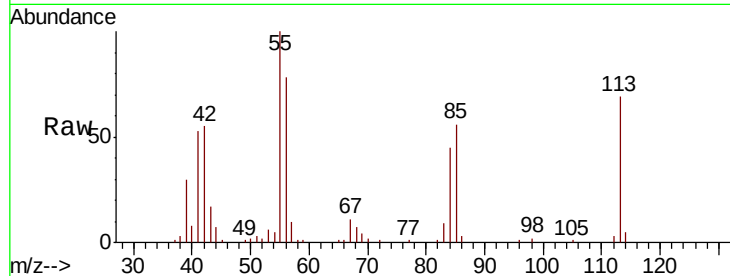
Tot Ion:113 Resp: 64458

Ion Ratio Lower Upper

113 100

55 144.0 163.3 203.3#

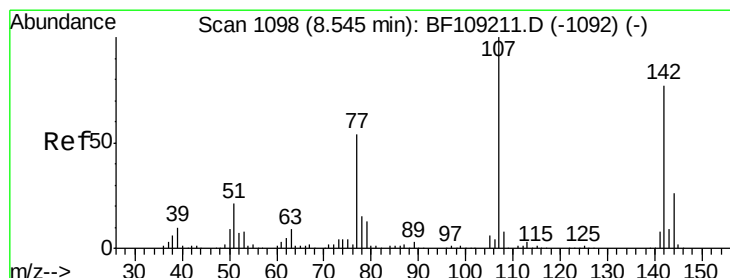
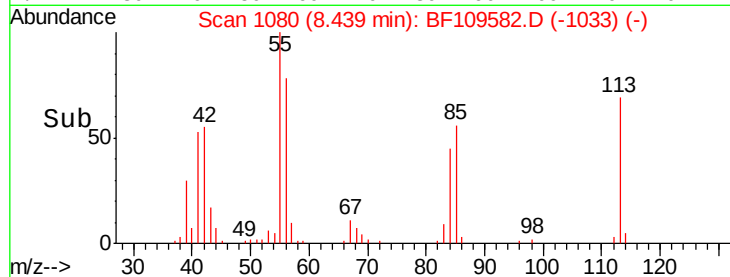
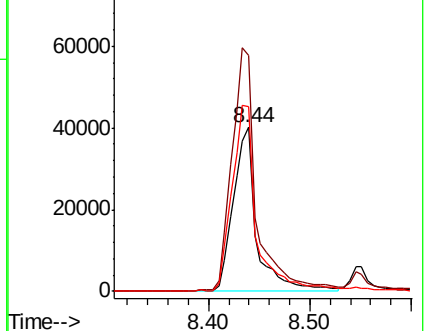
56 112.2 115.7 155.7#



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: 40.768 ng

RT: 8.55 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

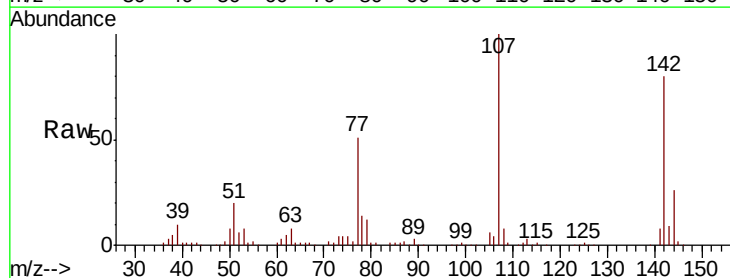
Tgt Ion:107 Resp: 228295

Ion Ratio Lower Upper

107 100

144 26.0 20.5 30.7

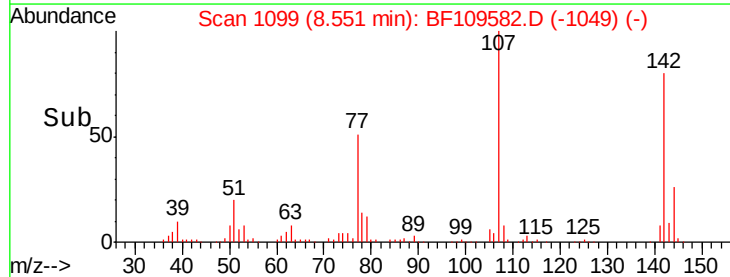
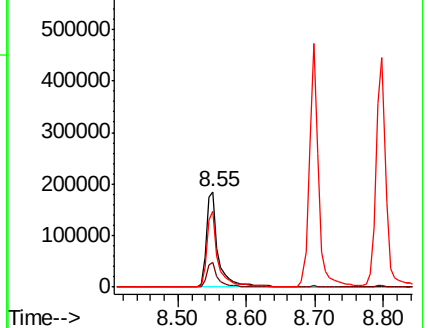
142 79.7 62.0 93.0

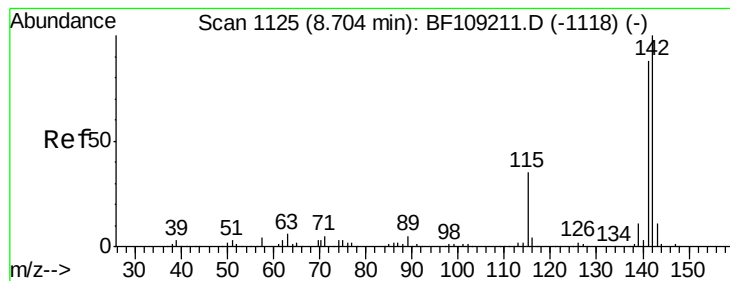


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.739 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

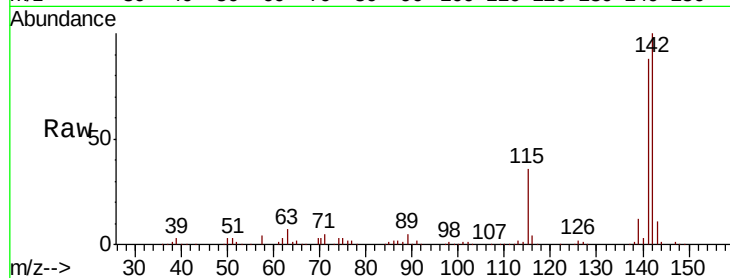
Tot Ion:142 Resp: 444704

Ion Ratio Lower Upper

142 100

141 88.5 70.8 106.2

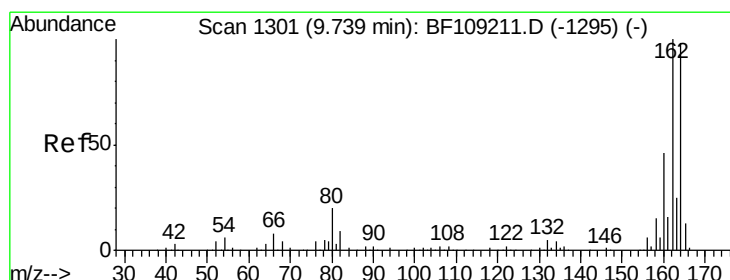
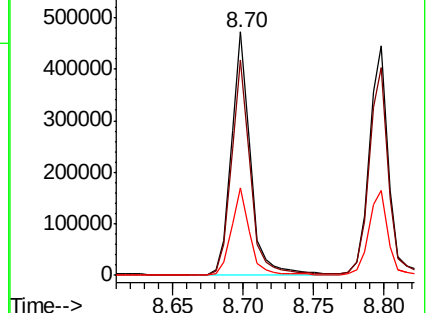
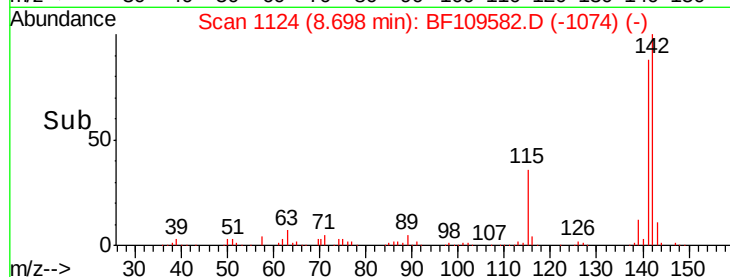
115 36.1 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

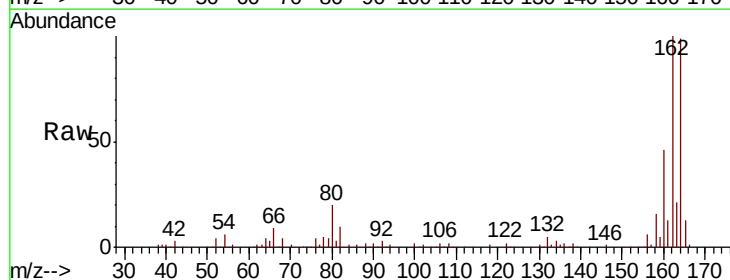
Tgt Ion:164 Resp: 183981

Ion Ratio Lower Upper

164 100

162 101.2 86.1 129.1

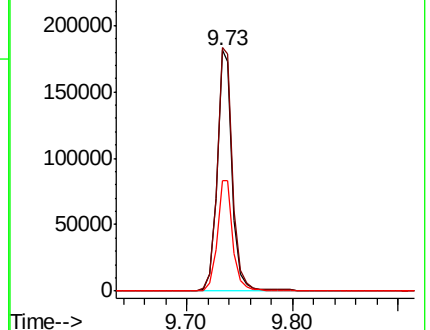
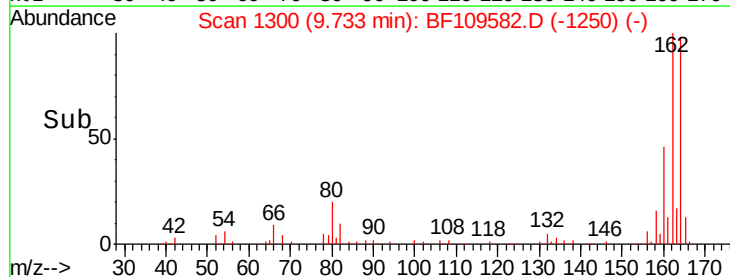
160 46.2 38.3 57.5

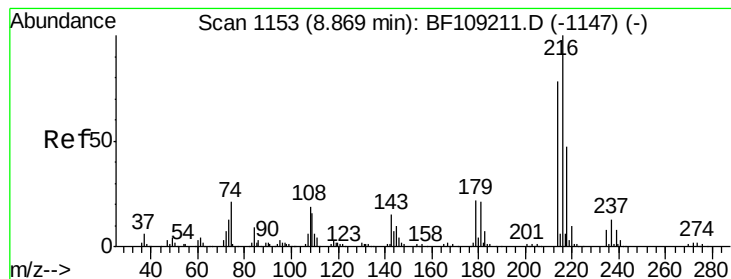


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.523 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 237271

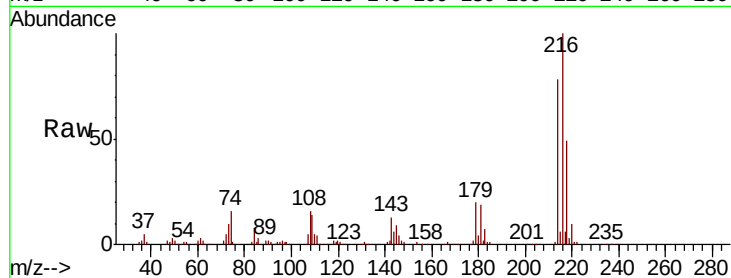
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 20.7 18.1 27.1

108 18.5 17.2 25.8

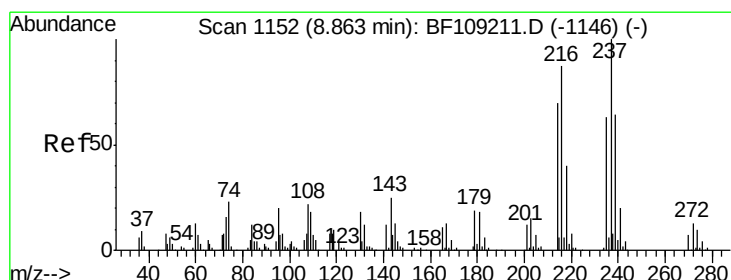
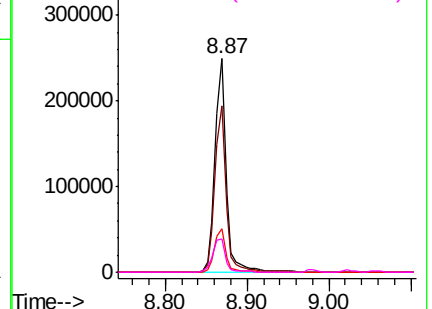
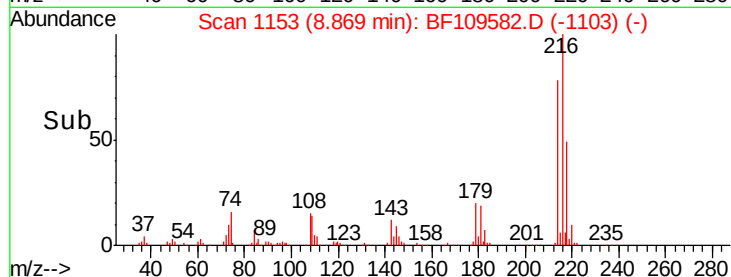


Abundance Ion 216.00 (215.70 to 216.70): E

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: 32.227 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

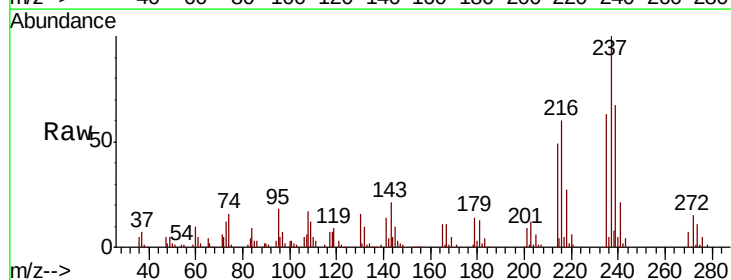
Tgt Ion:237 Resp: 82304

Ion Ratio Lower Upper

237 100

235 62.7 44.8 84.8

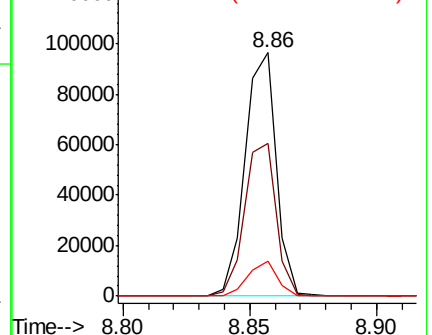
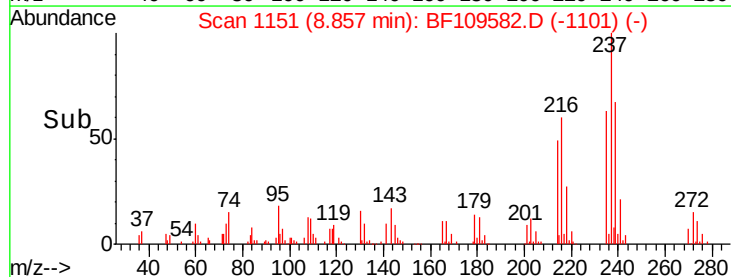
272 14.6 0.0 33.3

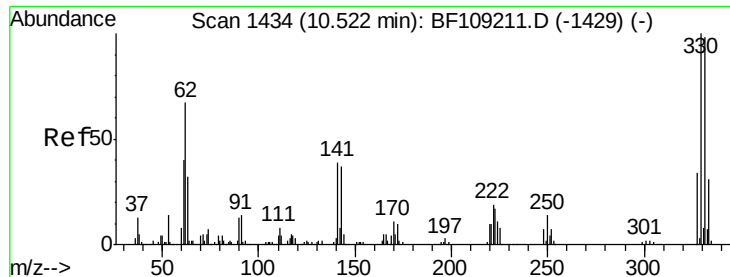


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

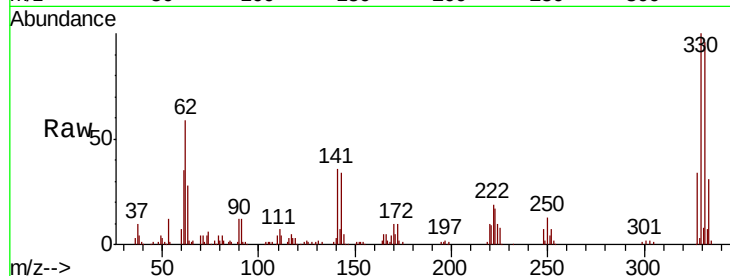




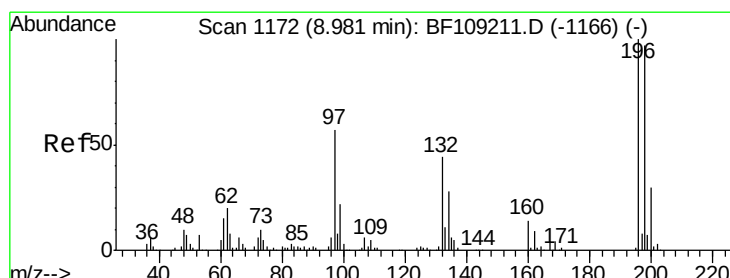
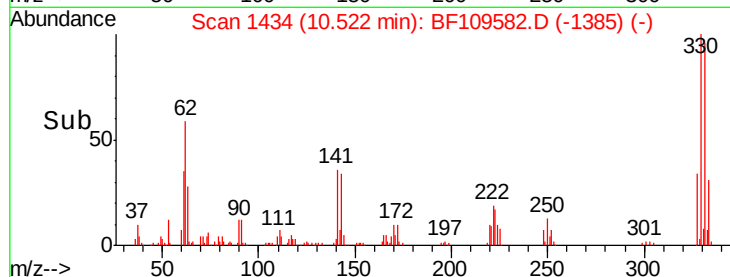
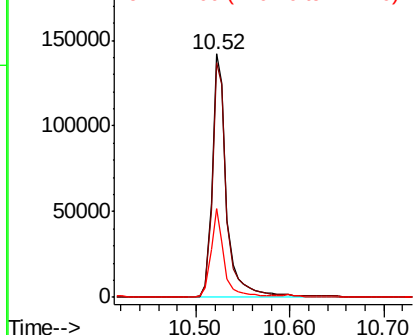
#41
 2,4,6-Tribromophenol
 Concen: 86.276 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109582.D
 Acq: 4 Oct 2018 13:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 156477
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 33.0 29.9 44.9

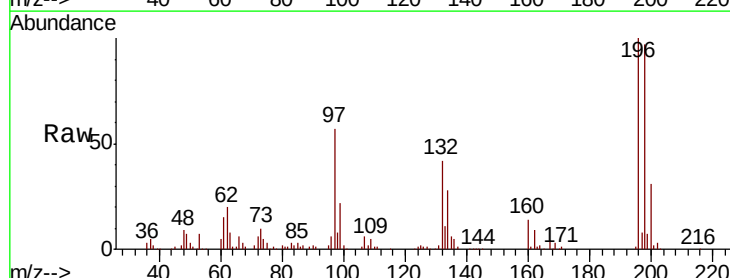


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

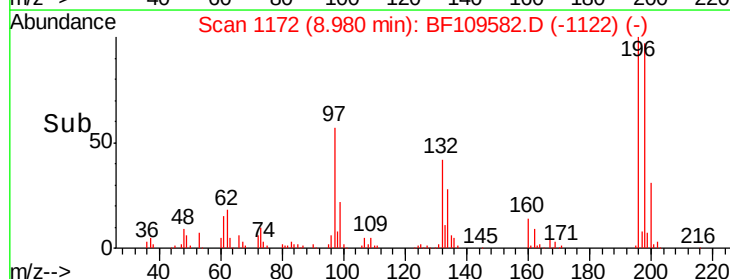
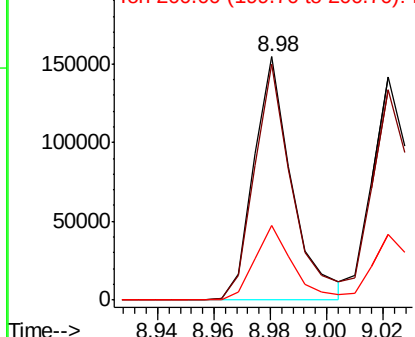


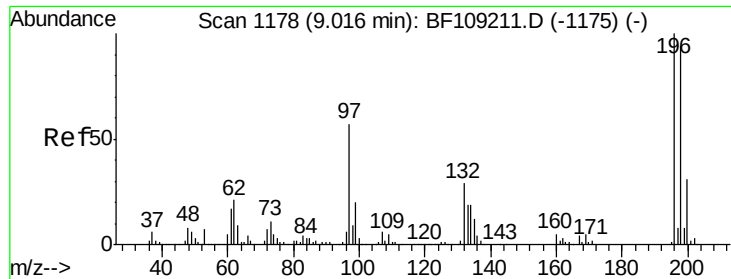
#42
 2,4,6-Trichlorophenol
 Concen: 38.451 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF109582.D
 Acq: 4 Oct 2018 13:15

Tgt Ion:196 Resp: 144498
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.7 113.5
 200 30.6 24.5 36.7



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

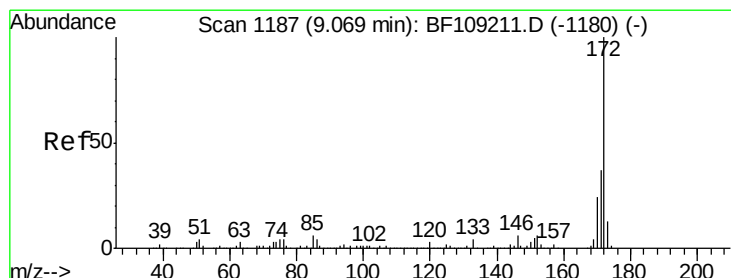
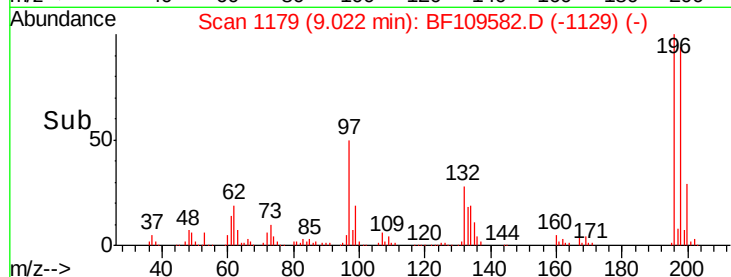
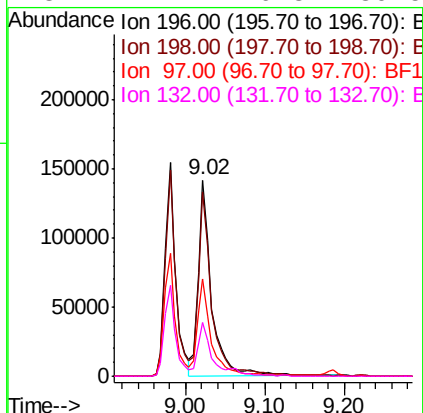
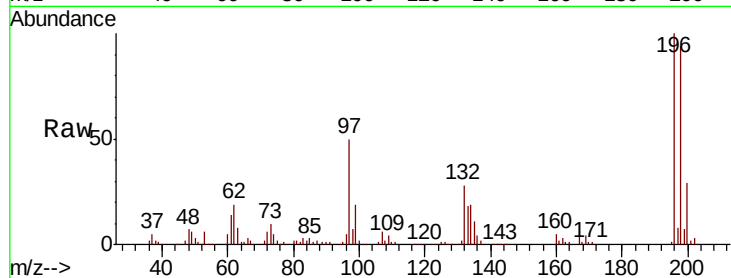




#43
 2,4,5-Trichlorophenol
 Concen: 42.691 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF109582.D
 Acq: 4 Oct 2018 13:15

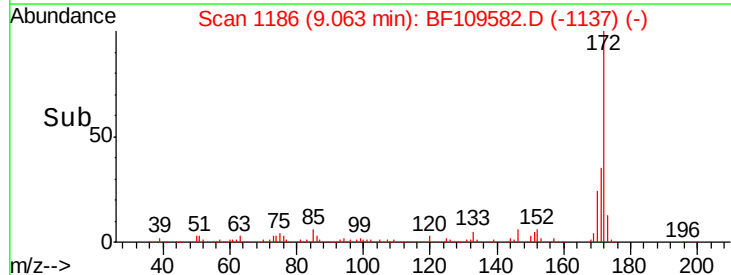
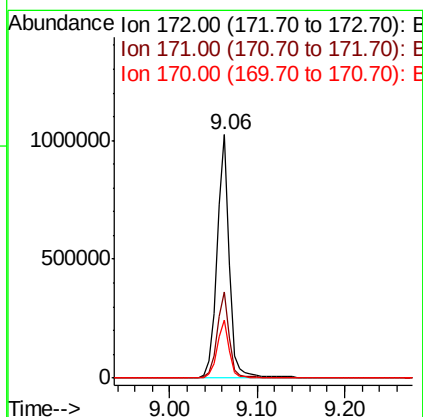
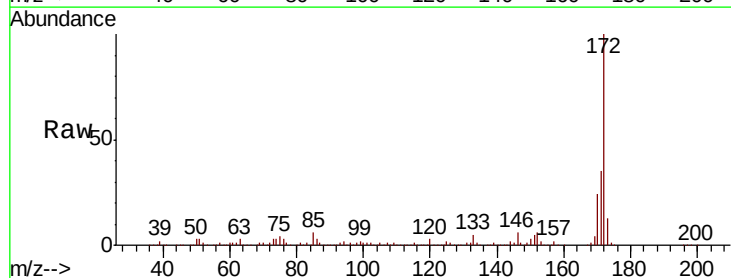
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

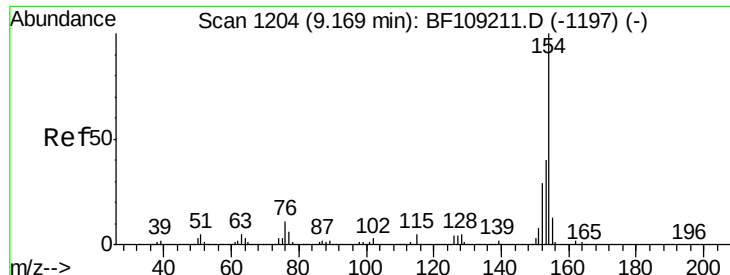
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.2	74.6	112.0
97	49.8	42.9	64.3
132	27.7	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 81.840 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109582.D
 Acq: 4 Oct 2018 13:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.9	19.6	29.4

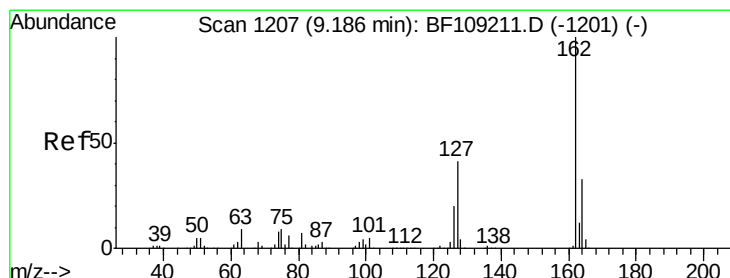
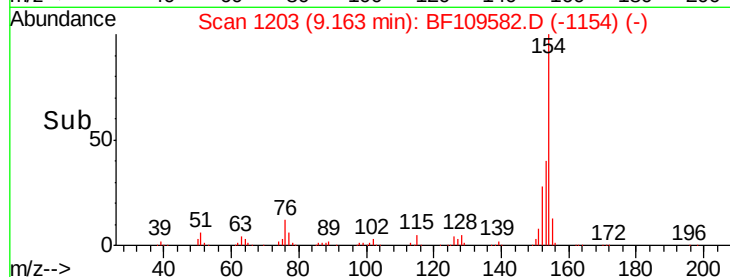
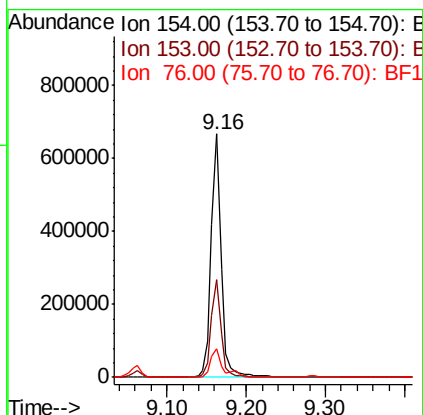
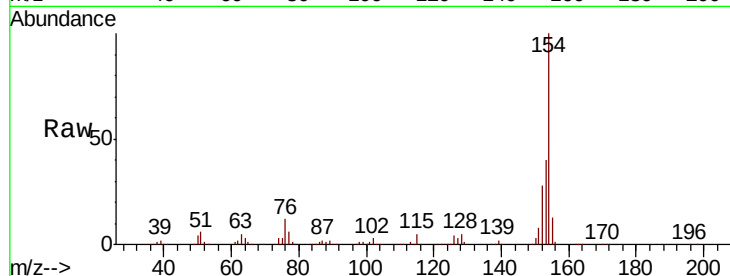




#45
 1,1'-Biphenyl
 Concen: 39.369 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF109582.D
 Acq: 4 Oct 2018 13:15

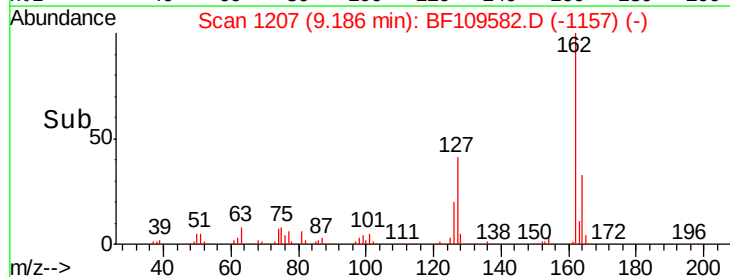
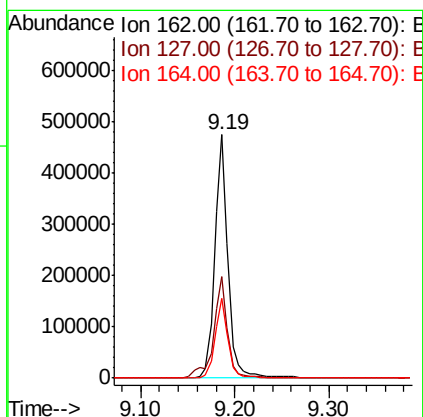
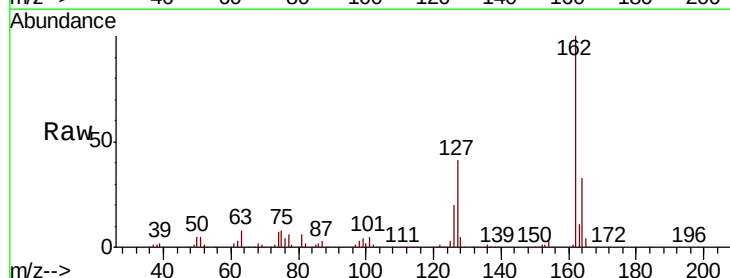
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

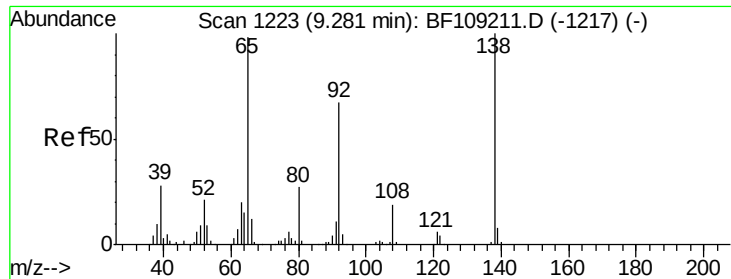
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.3	61.3
76	11.8	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 39.387 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF109582.D
 Acq: 4 Oct 2018 13:15

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.9	50.9
164	32.8	26.5	39.7

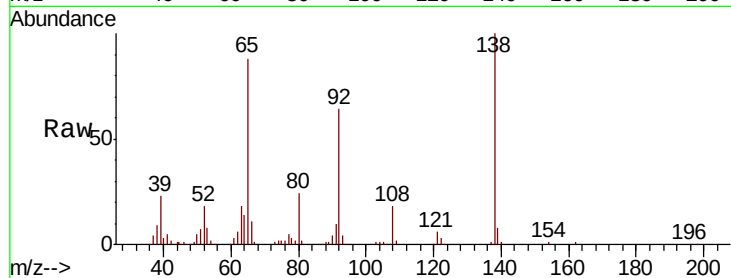




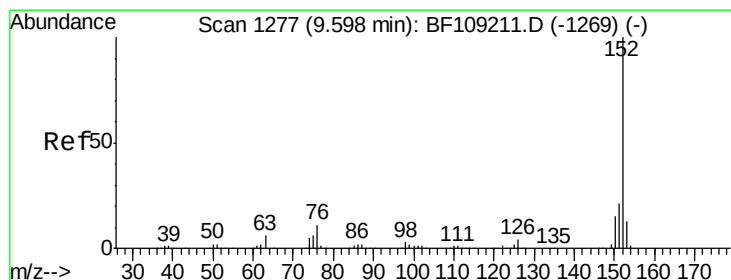
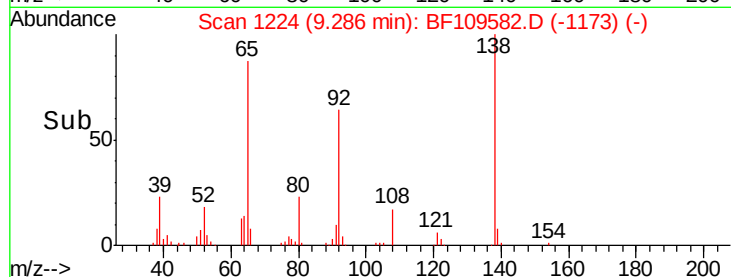
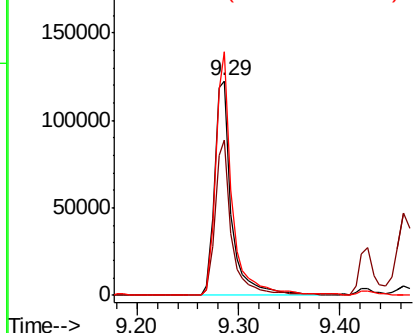
#47
2-Nitroaniline
Concen: 42.609 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 65 Resp: 144668
Ion Ratio Lower Upper
65 100
92 72.1 55.8 83.6
138 113.4 91.2 136.8

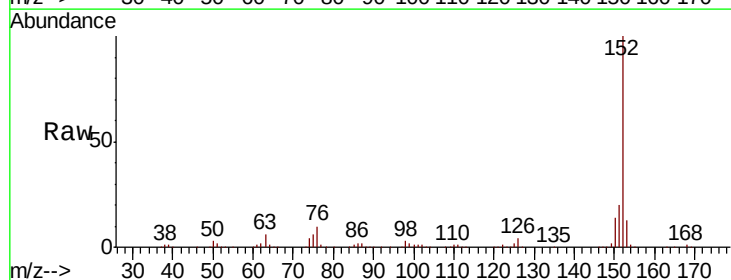


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

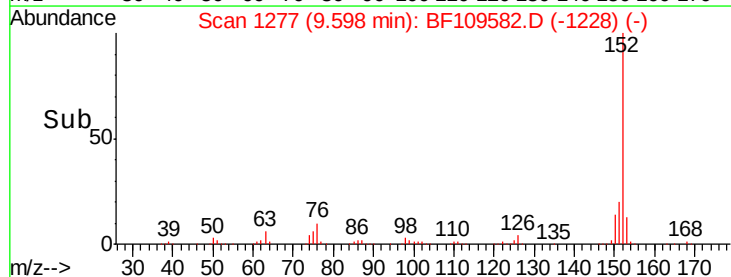
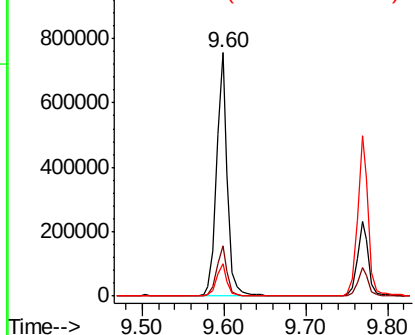


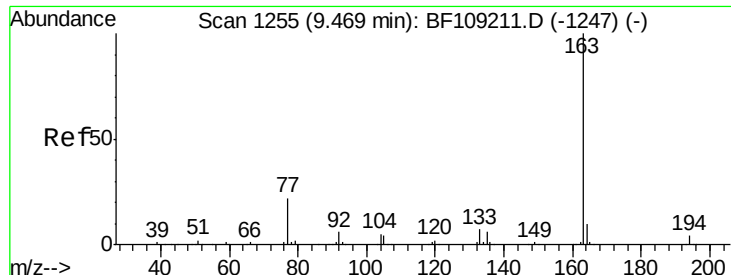
#48
Acenaphthylene
Concen: 38.665 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

Tgt Ion: 152 Resp: 698508
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.2 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

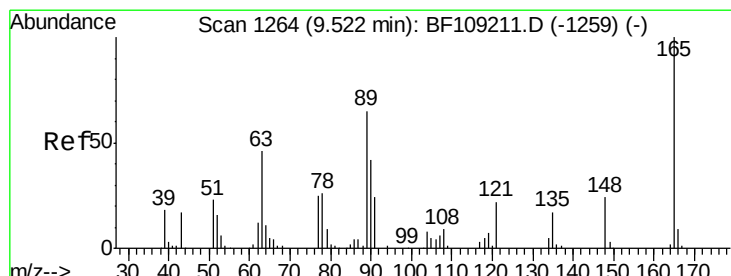
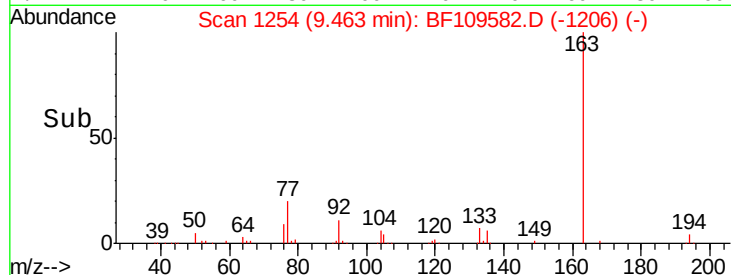
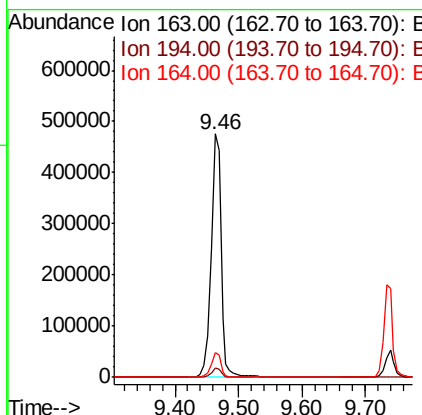
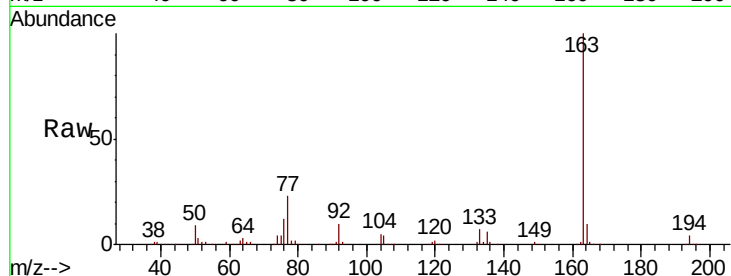




#49
 Dimethylphthalate
 Concen: 39.128 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.02 min
 Lab File: BF109582.D
 Acq: 4 Oct 2018 13:15

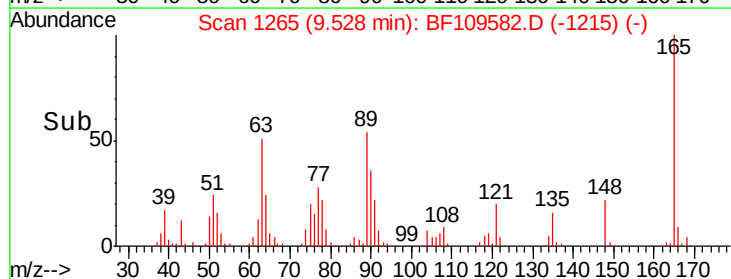
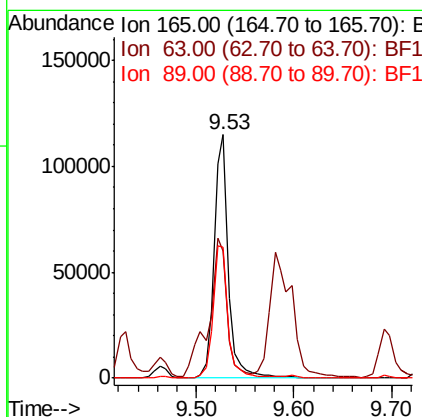
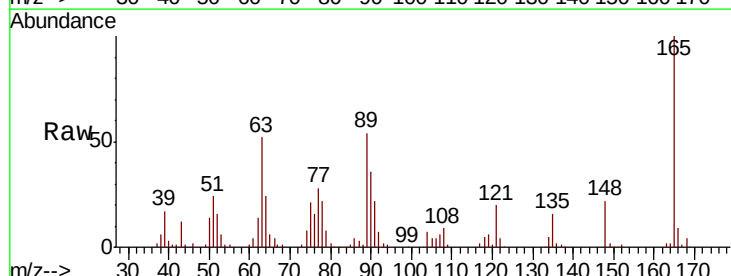
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

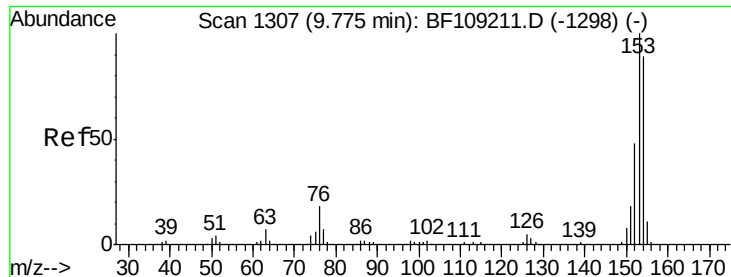
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.4	8.2	12.2



#50
 2,6-Dinitrotoluene
 Concen: 43.571 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BF109582.D
 Acq: 4 Oct 2018 13:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.1	44.7	67.1
89	54.0	44.0	66.0





#51

Acenaphthene

Concen: 36.362 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

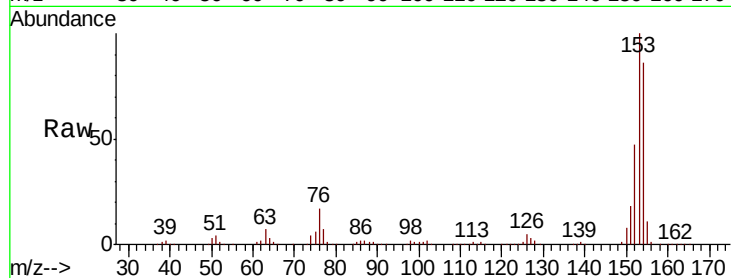
Tot Ion:154 Resp: 397161

Ion Ratio Lower Upper

154 100

153 116.1 91.2 136.8

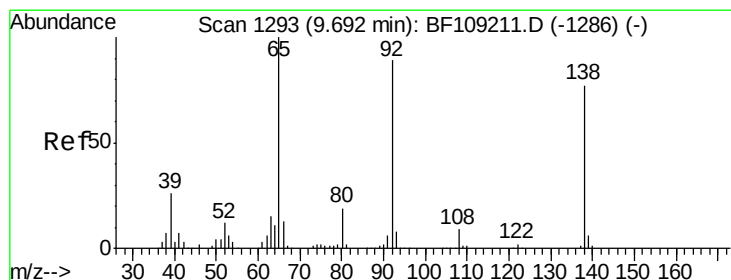
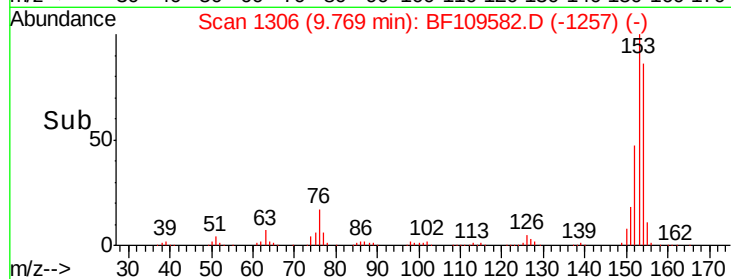
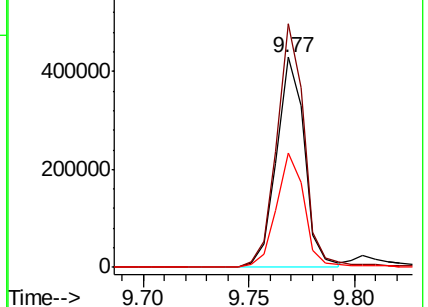
152 54.3 43.8 65.8



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: 43.648 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

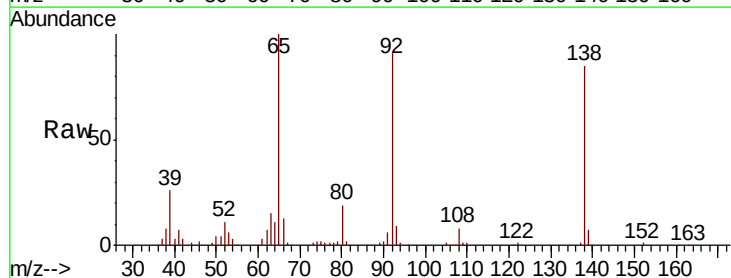
Tgt Ion:138 Resp: 133965

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

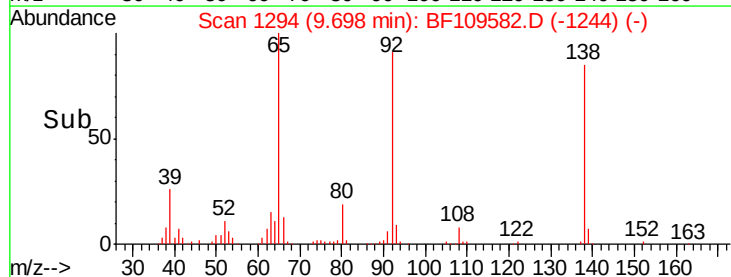
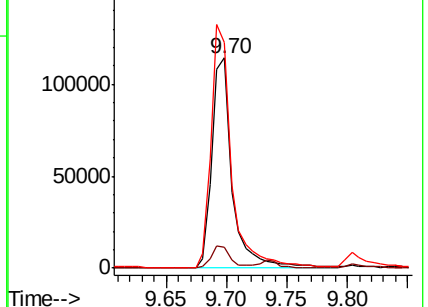
92 107.4 89.4 134.2

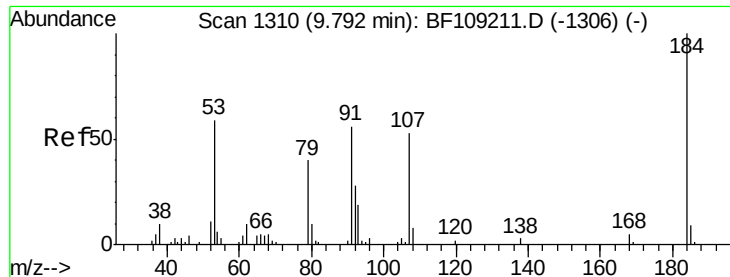


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

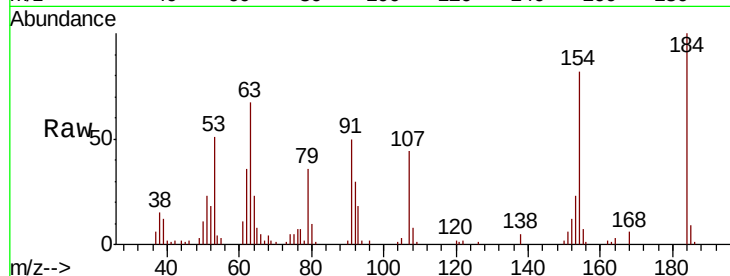




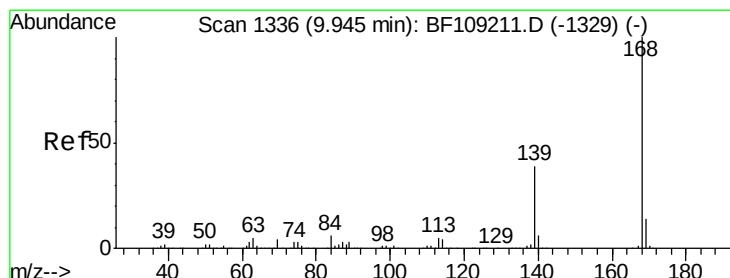
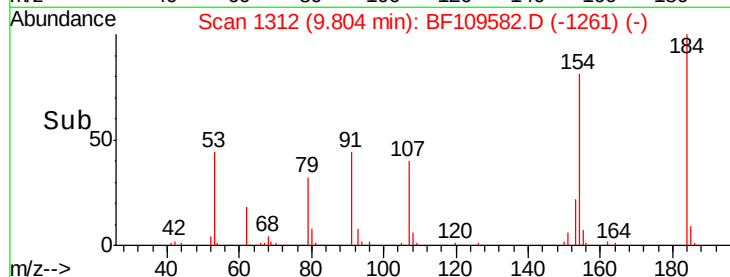
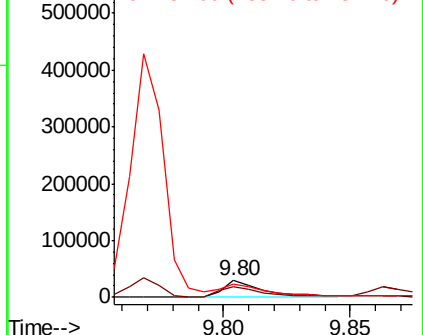
#53
 2,4-Dinitrophenol
 Concen: 40.983 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF109582.D
 Acq: 4 Oct 2018 13:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:184 Resp: 34155
 Ion Ratio Lower Upper
 184 100
 63 67.5 54.2 81.2
 154 82.0 184.0 276.0#

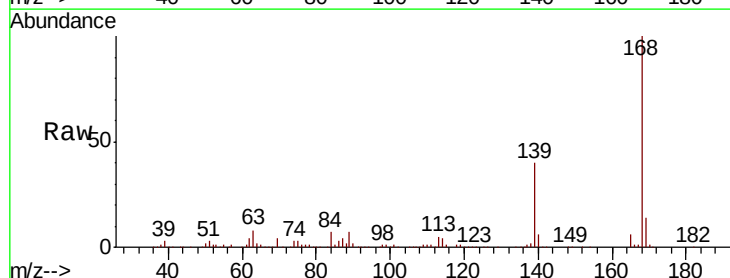


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

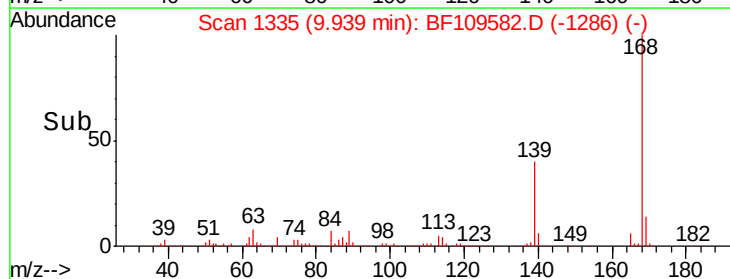
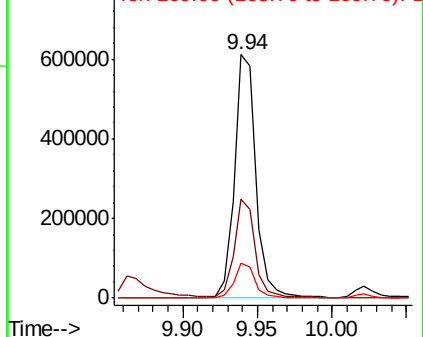


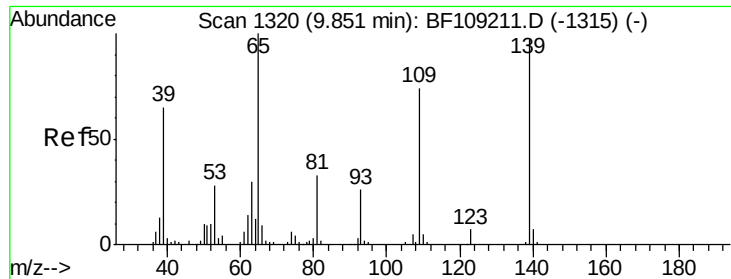
#54
 Dibenzofuran
 Concen: 38.273 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF109582.D
 Acq: 4 Oct 2018 13:15

Tgt Ion:168 Resp: 621690
 Ion Ratio Lower Upper
 168 100
 139 40.4 30.1 45.1
 169 14.2 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

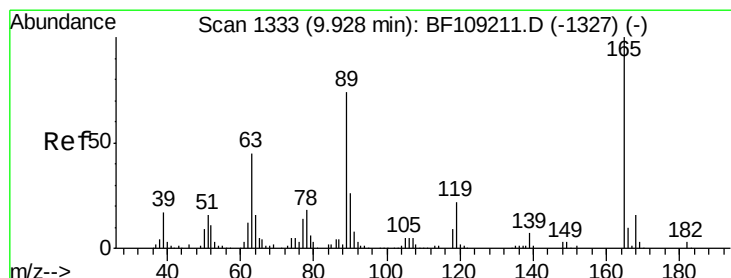
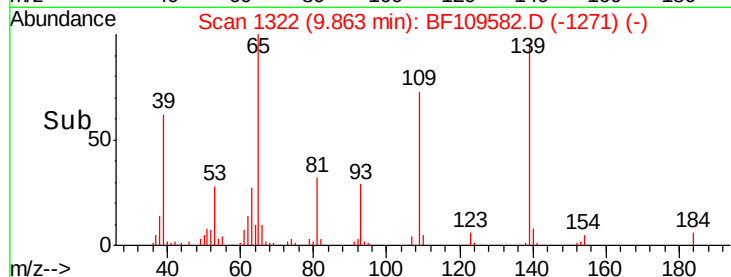
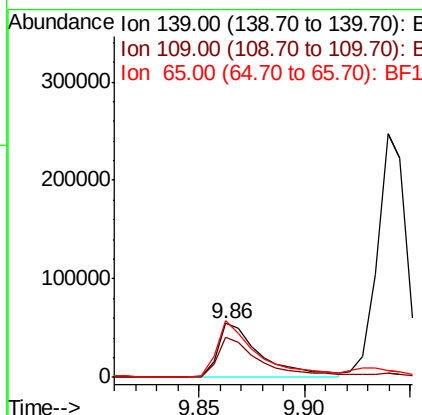
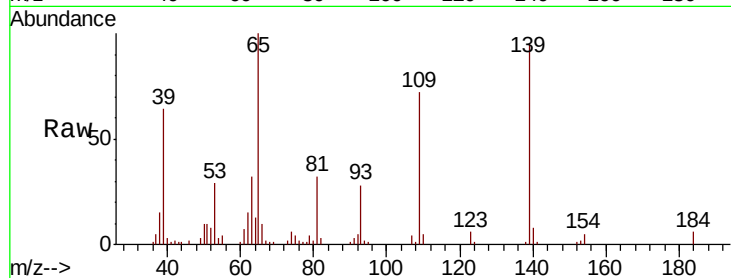




#55
4-Nitrophenol
Concen: 33.789 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

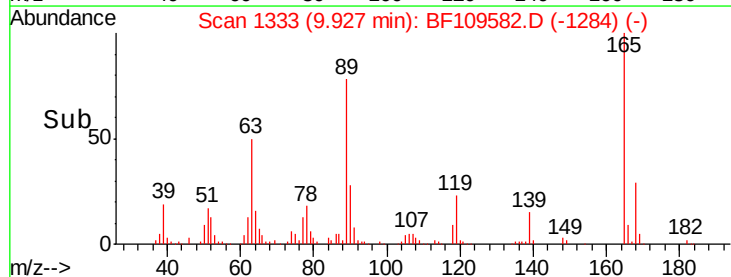
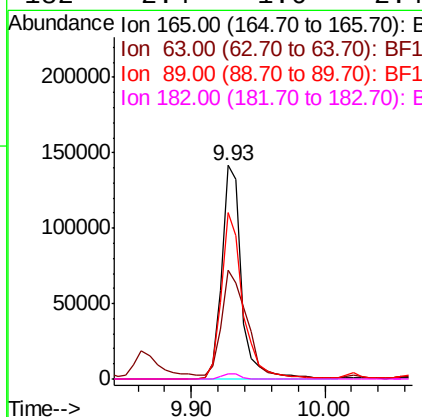
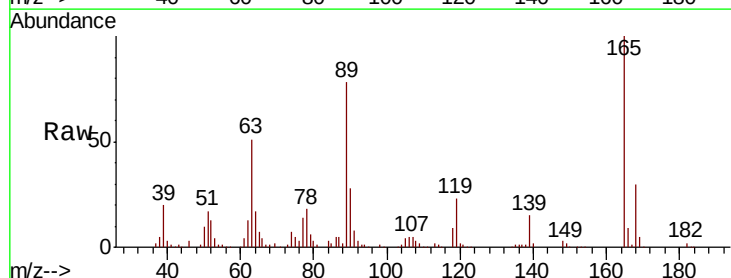
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

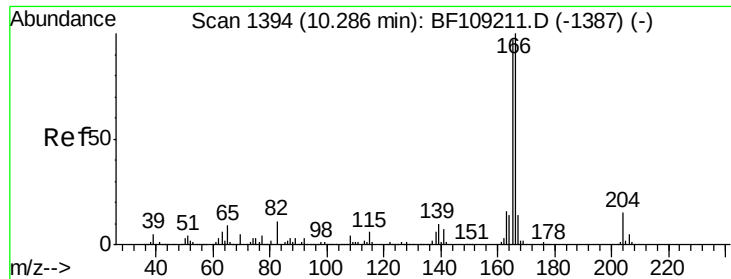
Tot Ion:139 Resp: 78123
Ion Ratio Lower Upper
139 100
109 75.5 48.4 88.4
65 104.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 44.563 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

Tgt Ion:165 Resp: 149436
Ion Ratio Lower Upper
165 100
63 50.8 36.4 54.6
89 78.2 57.8 86.6
182 2.4 1.6 2.4#

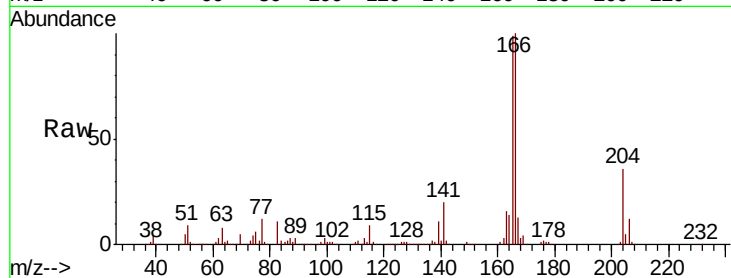




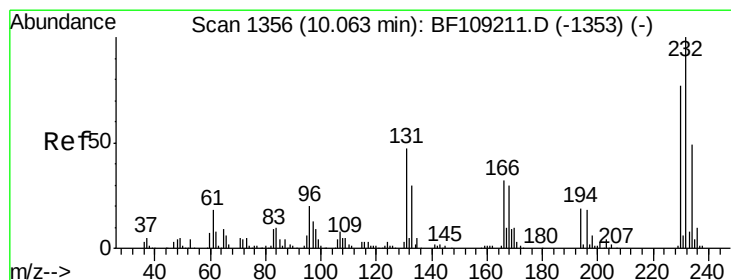
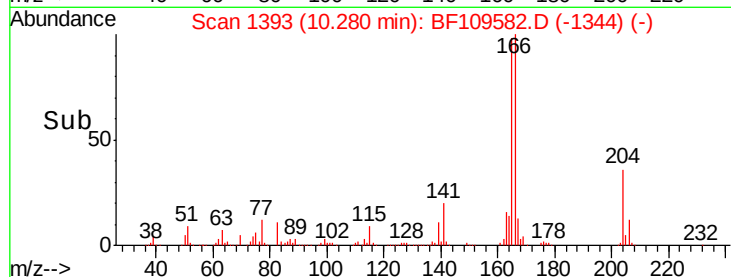
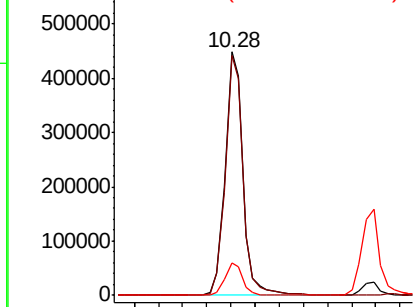
#57
 Fluorene
 Concen: 39.383 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109582.D
 Acq: 4 Oct 2018 13:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:166 Resp: 456440
 Ion Ratio Lower Upper
 166 100
 165 98.5 79.8 119.8
 167 13.3 10.6 16.0

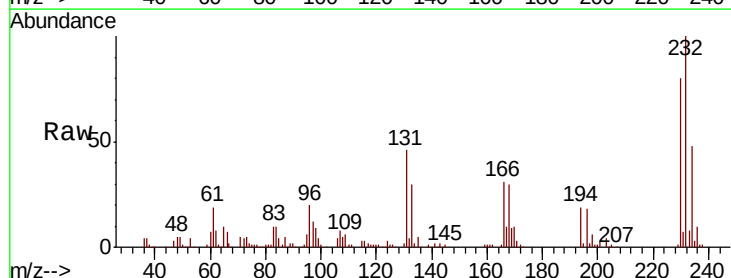


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

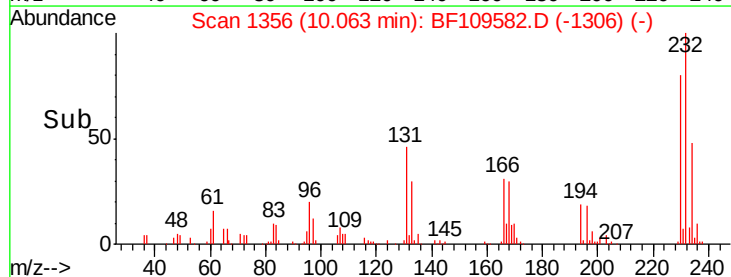
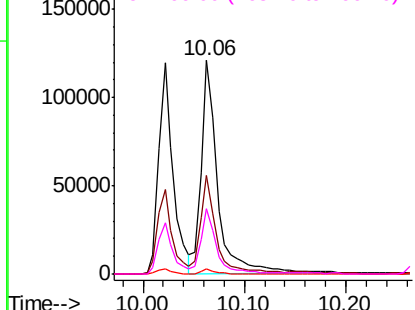


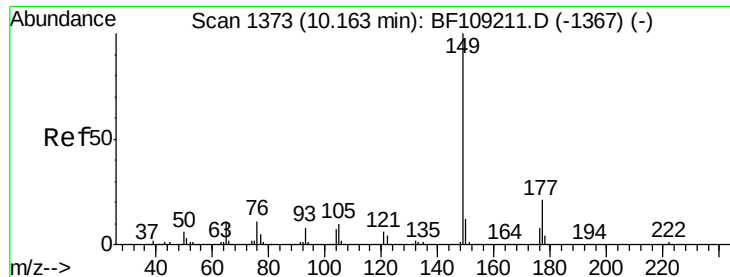
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.053 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF109582.D
 Acq: 4 Oct 2018 13:15

Tgt Ion:232 Resp: 135296
 Ion Ratio Lower Upper
 232 100
 131 44.3 43.8 65.8
 130 2.0 2.1 3.1#
 166 27.4 27.8 41.6#



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

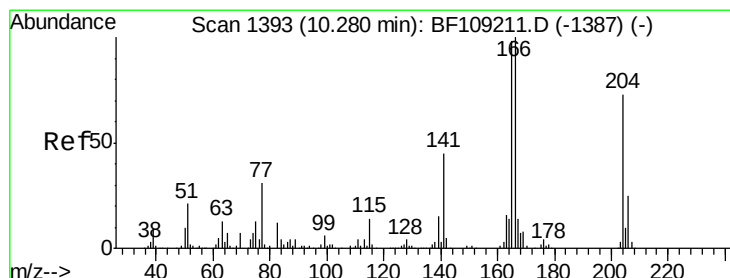
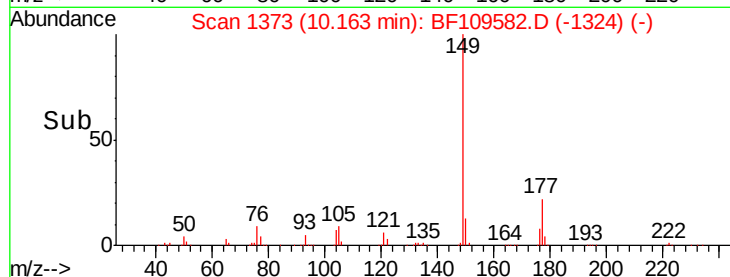
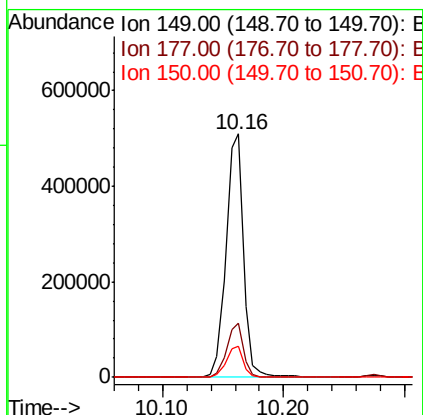
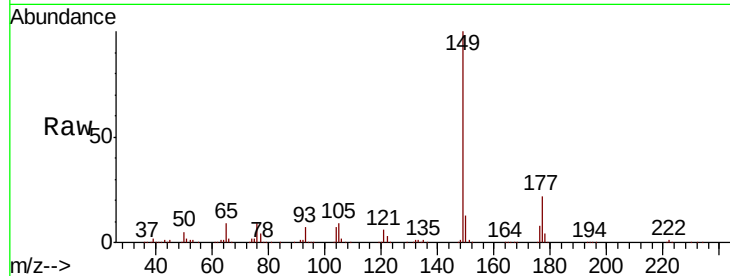




#59
Diethylphthalate
Concen: 37.976 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

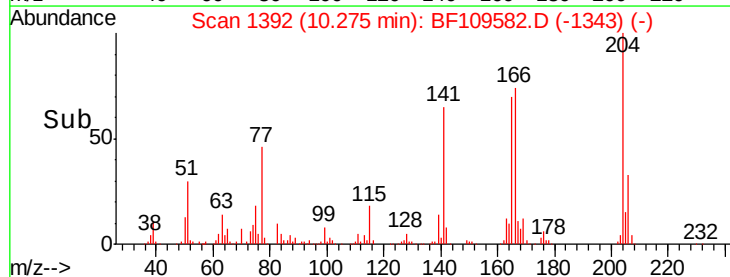
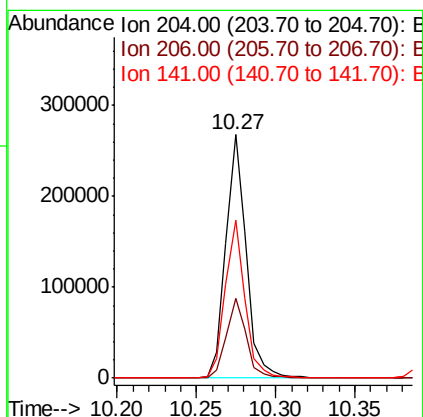
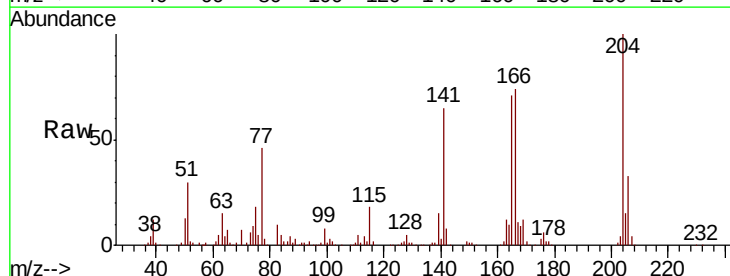
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

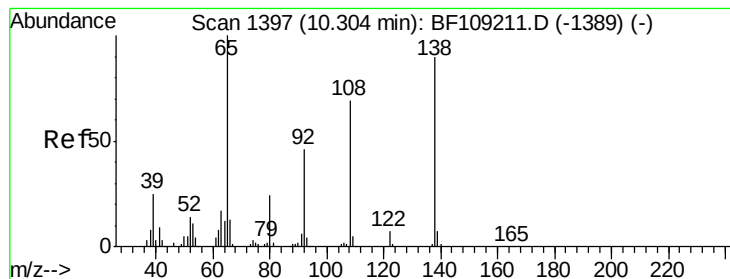
Tot Ion:149 Resp: 514611
Ion Ratio Lower Upper
149 100
177 22.0 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.508 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

Tgt Ion:204 Resp: 239163
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 64.9 54.6 81.8





#61

4-Nitroaniline

Concen: 44.835 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

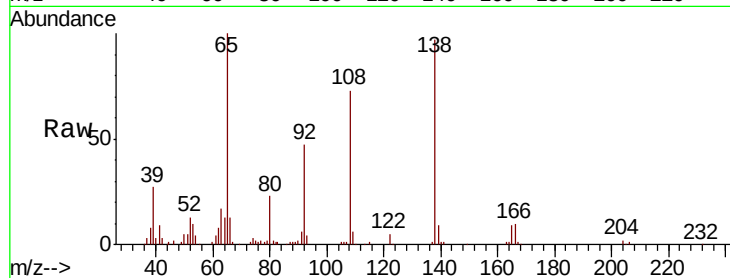
Tot Ion:138 Resp: 134200

Ion Ratio Lower Upper

138 100

92 48.6 30.2 70.2

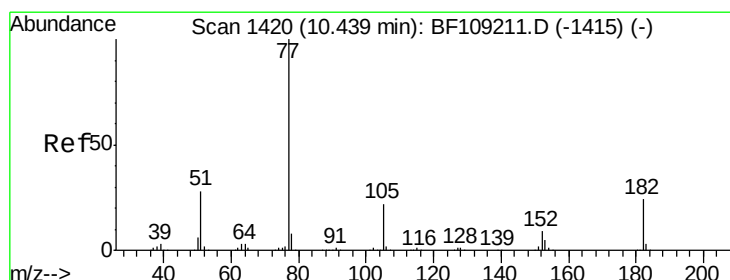
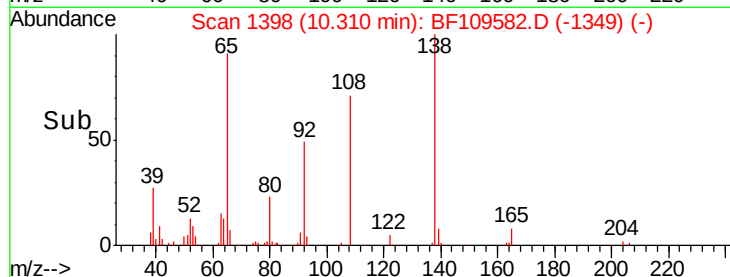
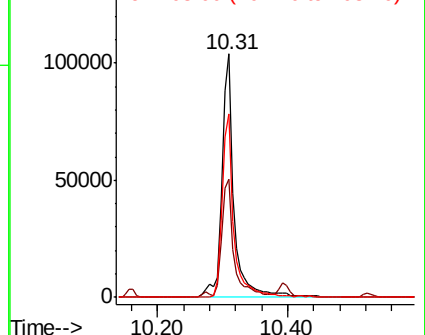
108 75.2 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.967 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

Tgt Ion: 77 Resp: 520460

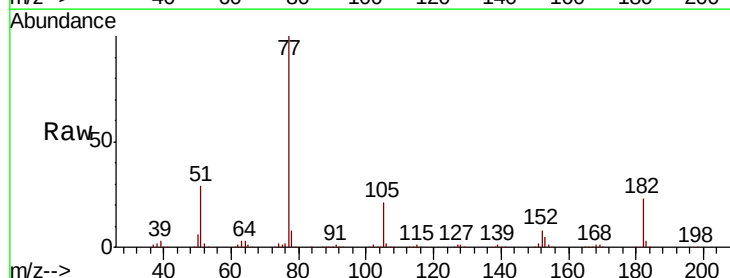
Ion Ratio Lower Upper

77 100

182 22.7 1.7 41.7

105 21.1 3.0 43.0

51 28.9 9.9 49.9

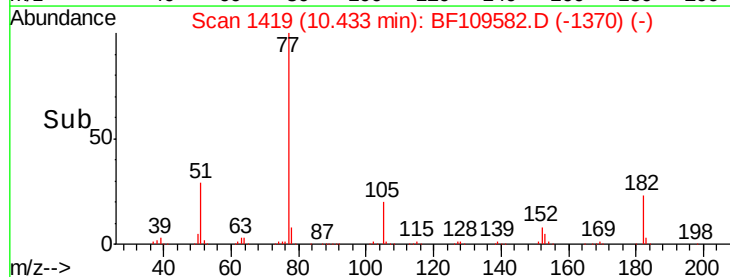
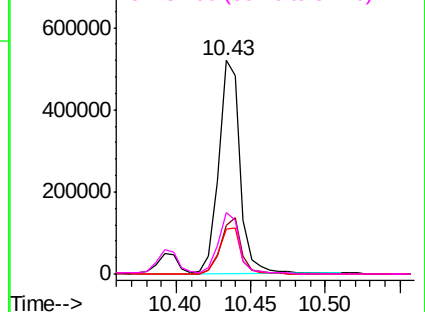


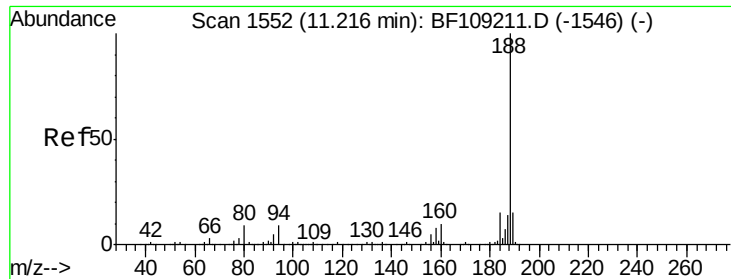
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

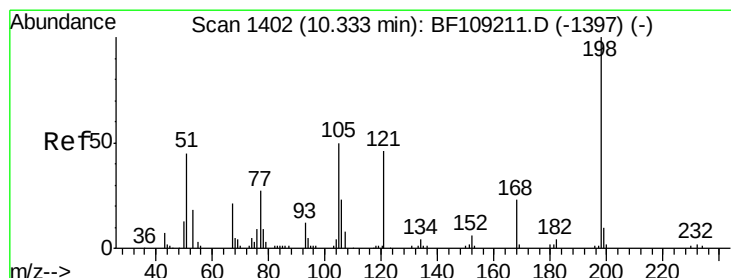
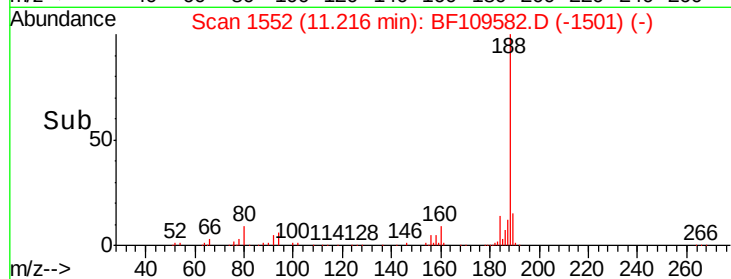
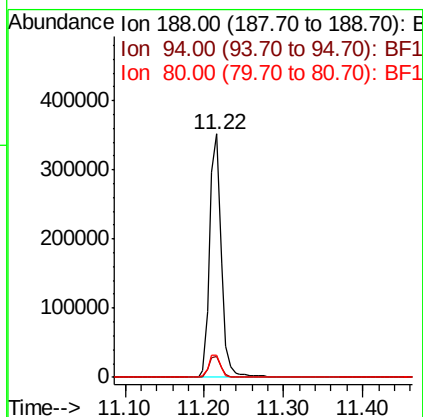
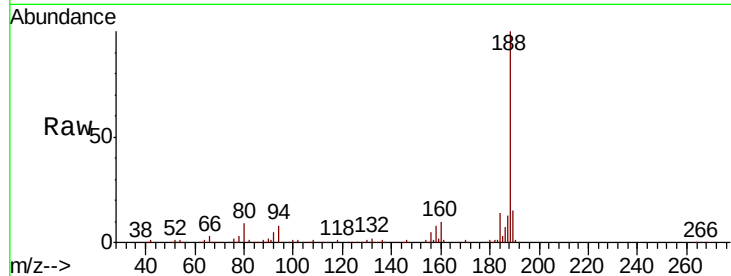




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

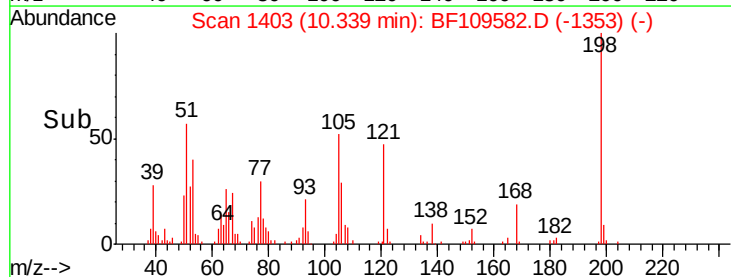
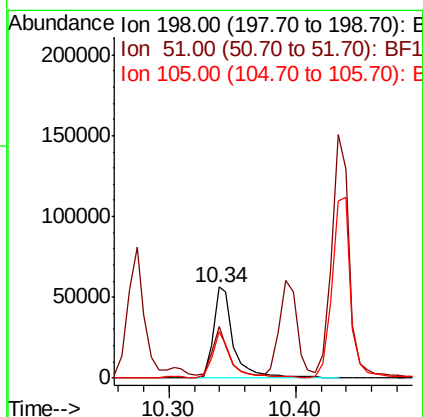
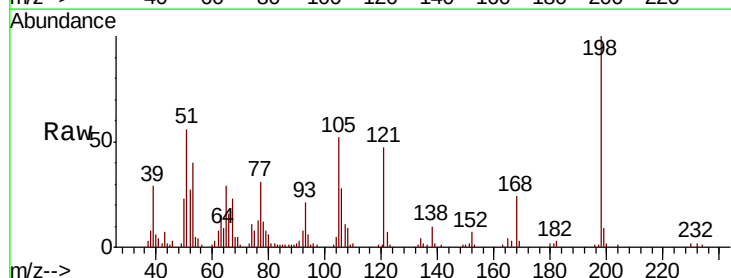
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

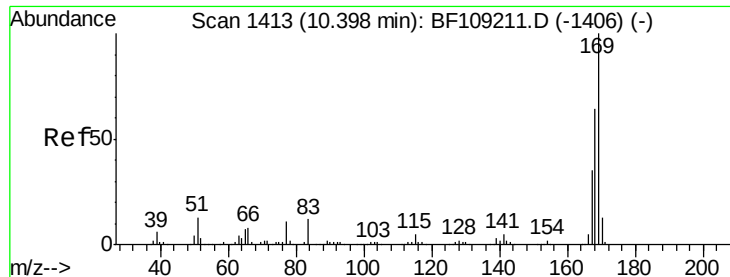
Tot Ion:188 Resp: 358188
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 9.1 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 44.598 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

Tgt Ion:198 Resp: 63170
Ion Ratio Lower Upper
198 100
51 56.3 37.7 77.7
105 51.6 36.3 76.3

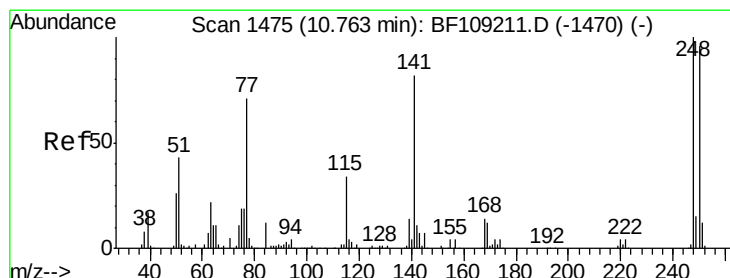
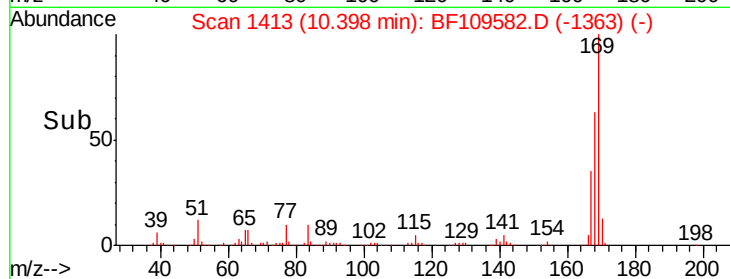
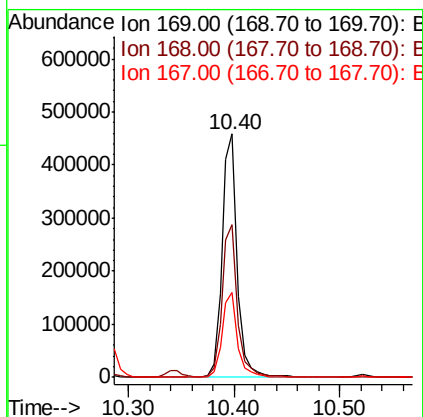
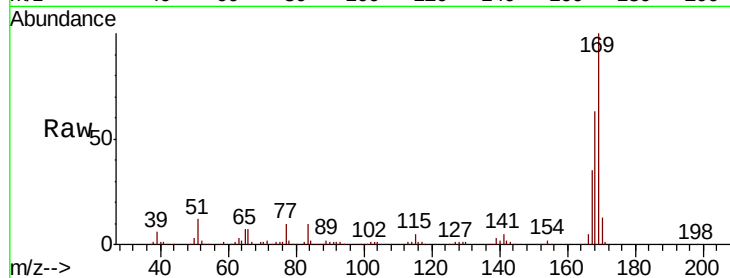




#65
 n-Nitrosodiphenylamine
 Concen: 39.045 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF109582.D
 Acq: 4 Oct 2018 13:15

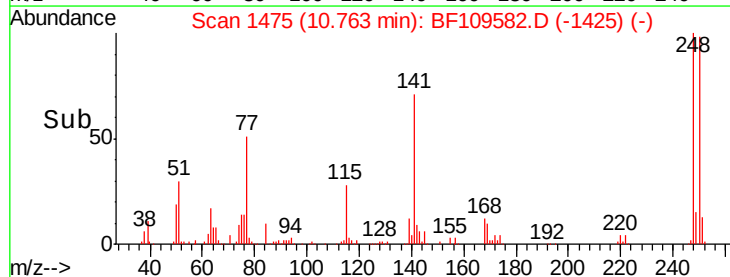
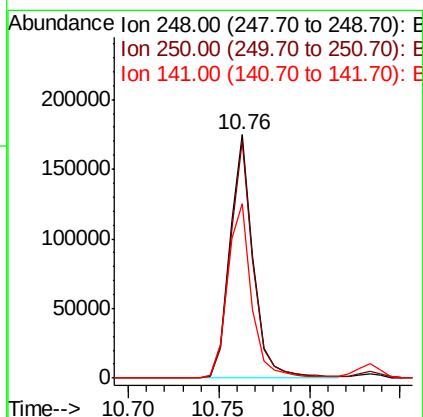
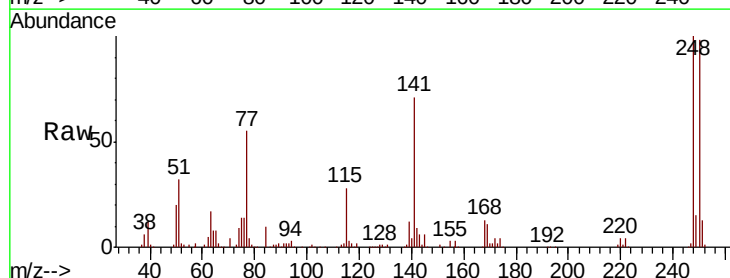
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

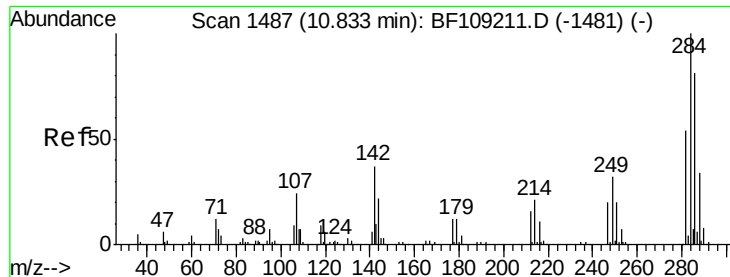
Tot Ion:169 Resp: 462072
 Ion Ratio Lower Upper
 169 100
 168 63.0 54.4 81.6
 167 34.7 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 39.511 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF109582.D
 Acq: 4 Oct 2018 13:15

Tgt Ion:248 Resp: 157158
 Ion Ratio Lower Upper
 248 100
 250 97.5 76.9 115.3
 141 71.5 74.4 111.6#

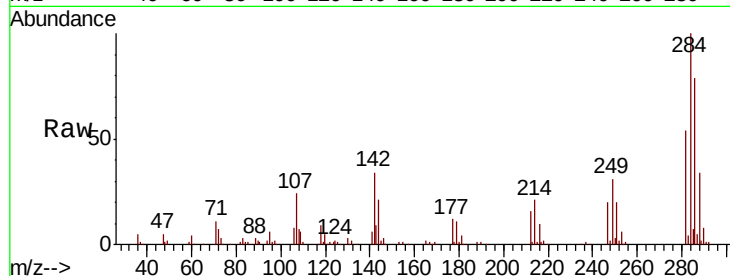




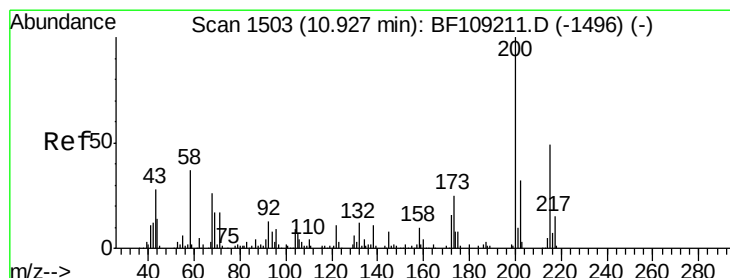
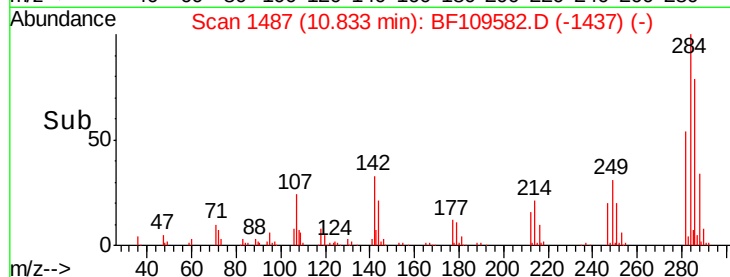
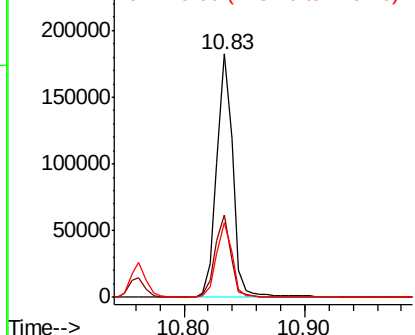
#67
Hexachlorobenzene
Concen: 39.396 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 166422
Ion Ratio Lower Upper
284 100
142 33.8 34.6 52.0#
249 30.9 24.8 37.2

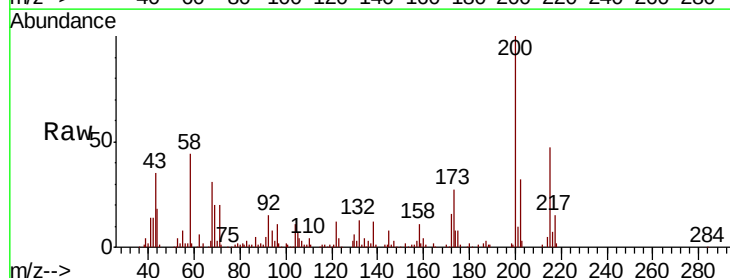


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

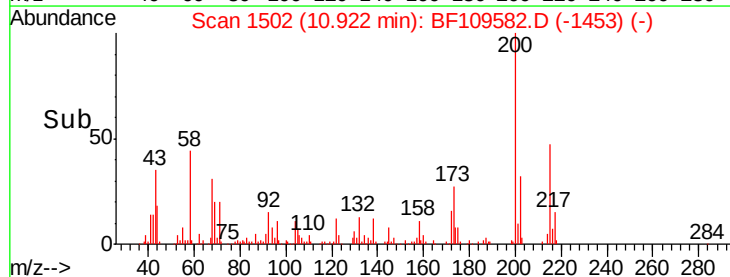
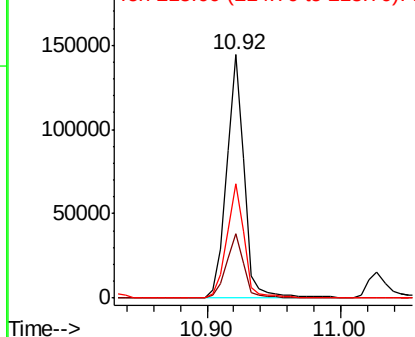


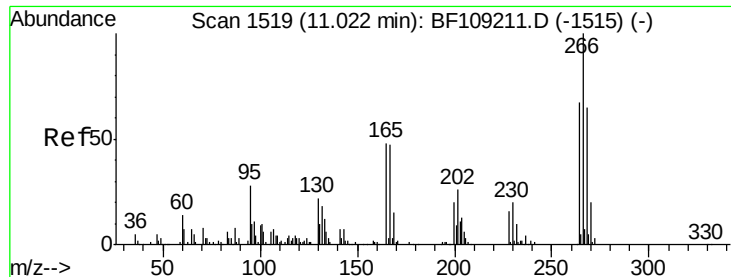
#68
Atrazine
Concen: 37.103 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

Tgt Ion:200 Resp: 135043
Ion Ratio Lower Upper
200 100
173 26.5 8.6 48.6
215 46.9 25.1 65.1



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

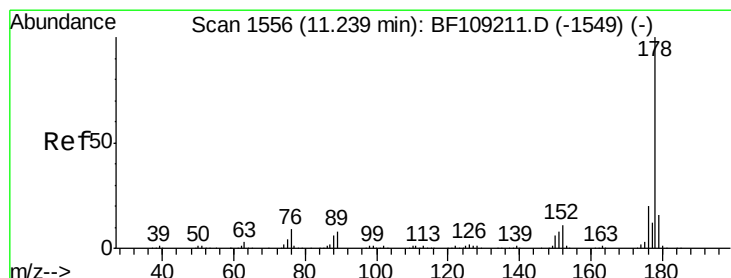
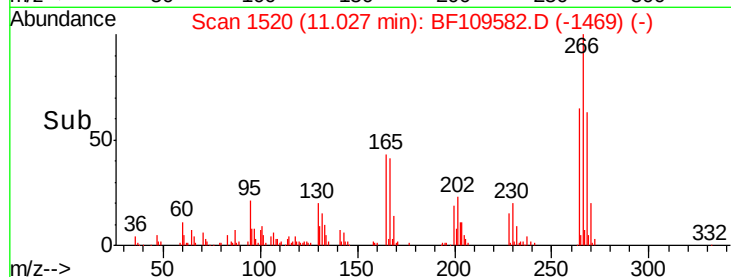
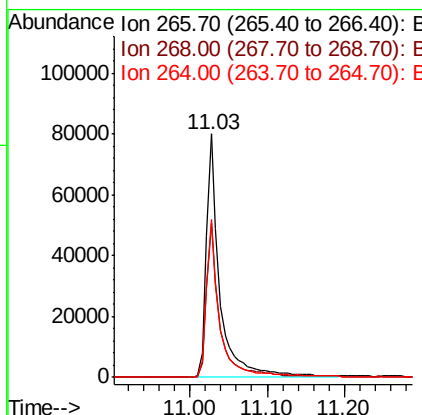
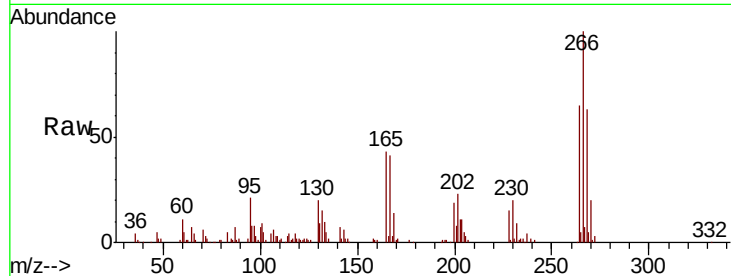




#69
 Pentachlorophenol
 Concen: 38.636 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF109582.D
 Acq: 4 Oct 2018 13:15

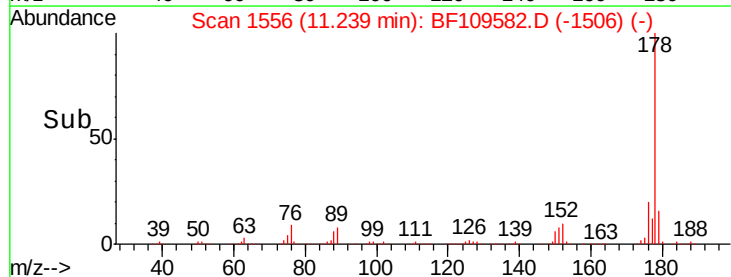
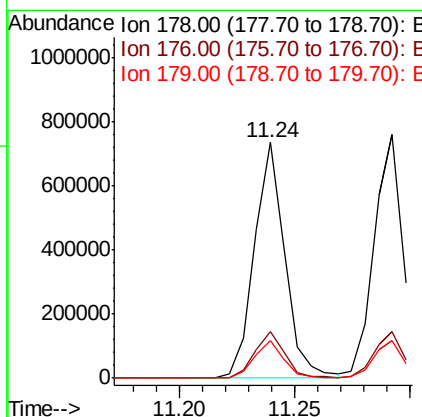
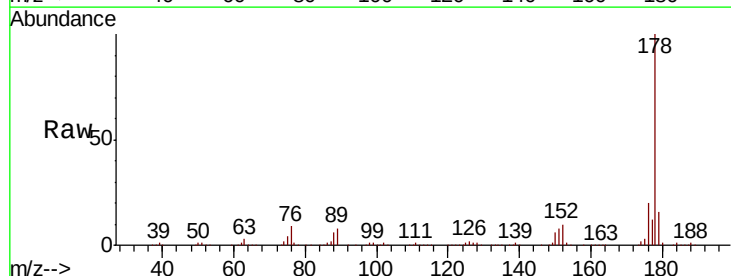
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

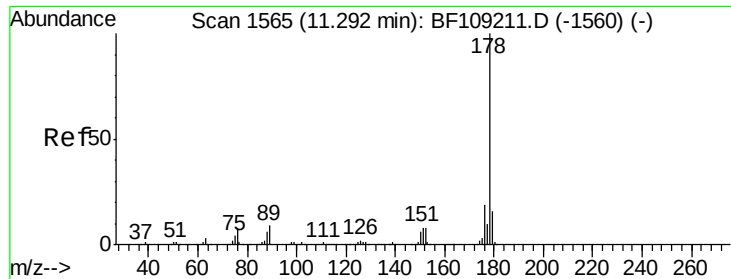
Tot Ion:266 Resp: 97686
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.1 76.7
 264 64.8 49.5 74.3



#70
 Phenanthrene
 Concen: 38.092 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109582.D
 Acq: 4 Oct 2018 13:15

Tgt Ion:178 Resp: 681241
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.7 13.0 19.6

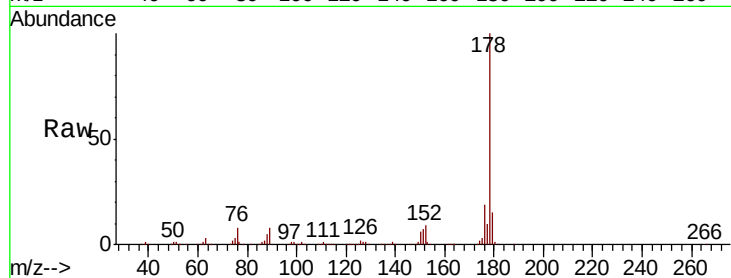




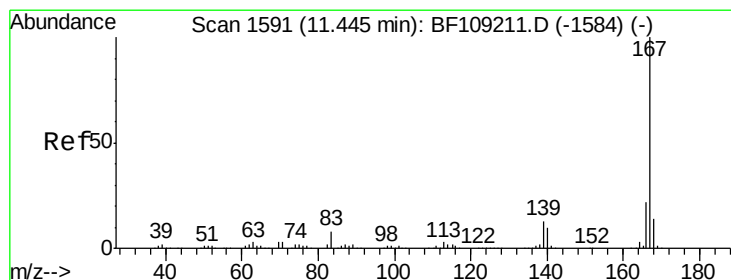
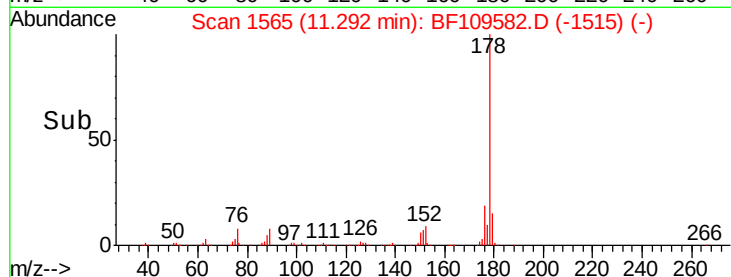
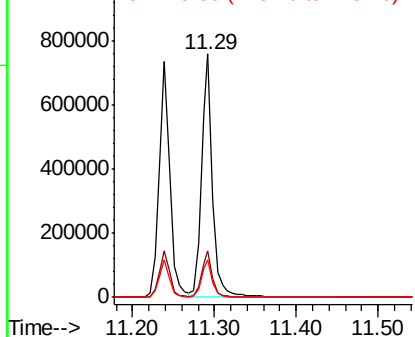
#71
 Anthracene
 Concen: 39.241 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109582.D
 Acq: 4 Oct 2018 13:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 711801
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.4 12.6 19.0

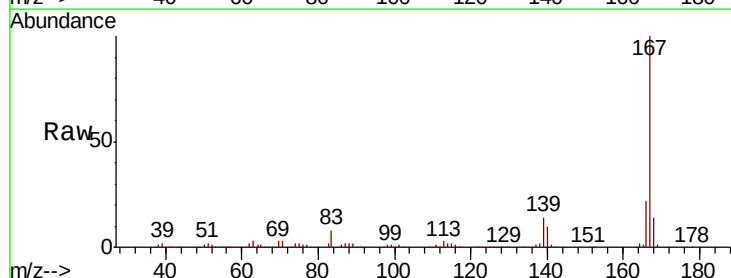


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

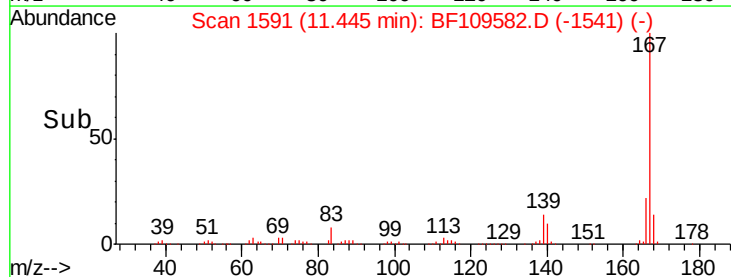
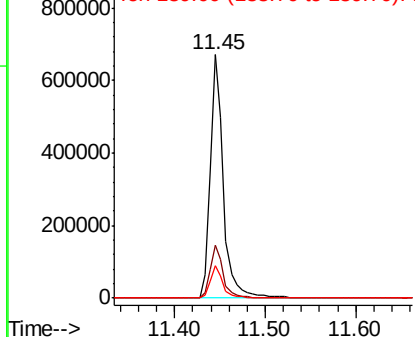


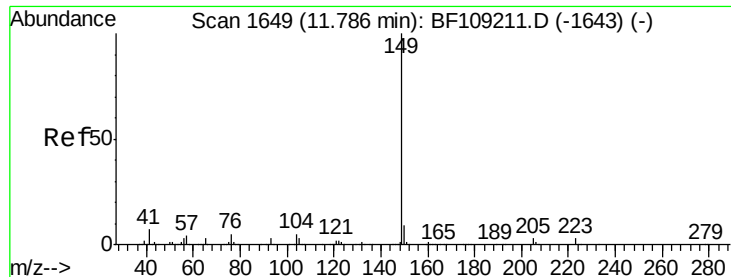
#72
 Carbazole
 Concen: 38.179 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF109582.D
 Acq: 4 Oct 2018 13:15

Tgt Ion:167 Resp: 689043
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.5 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

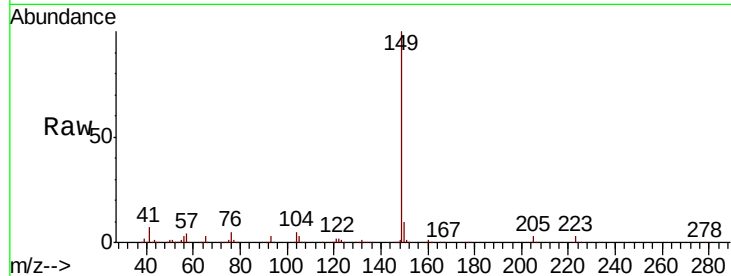




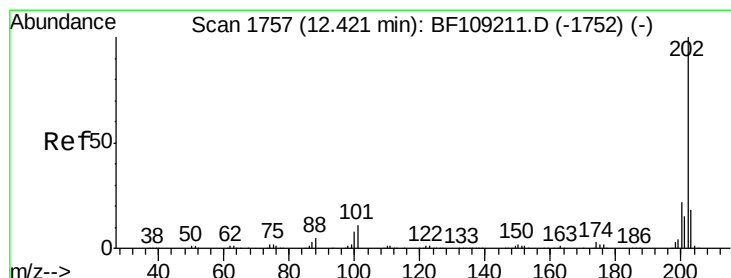
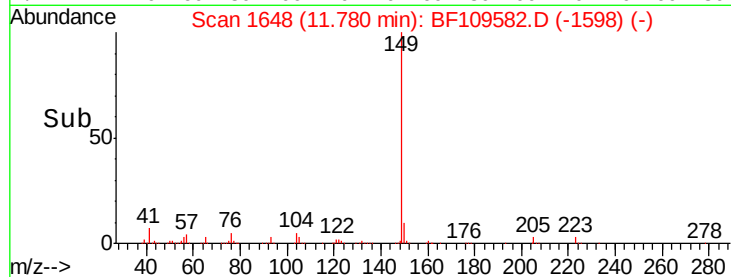
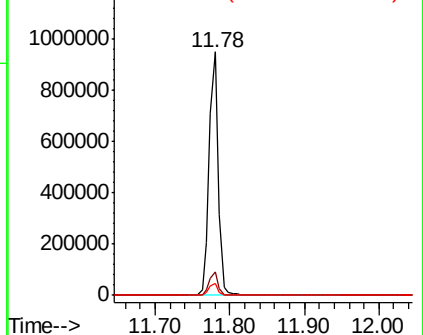
#73
Di-n-butylphthalate
Concen: 38.882 ng
RT: 11.78 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 807845
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 4.9 3.8 5.8

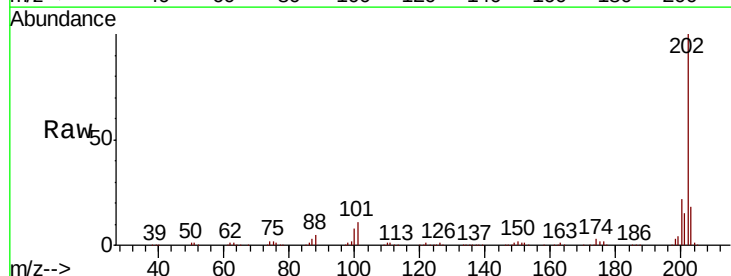


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

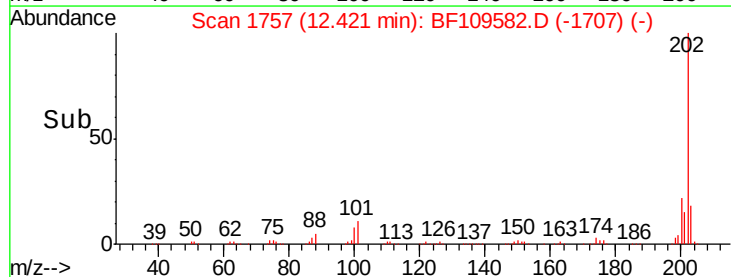
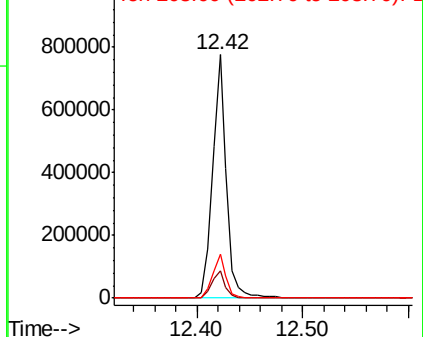


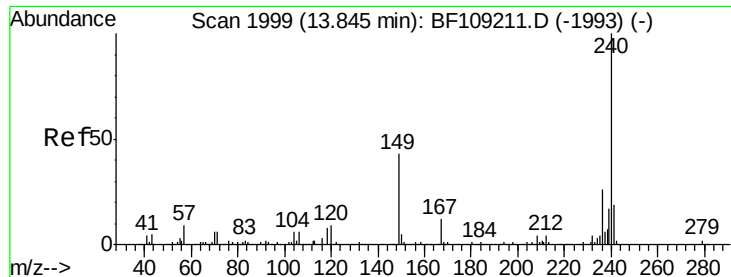
#74
Fluoranthene
Concen: 37.451 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

Tgt Ion:202 Resp: 715776
Ion Ratio Lower Upper
202 100
101 11.0 0.0 34.1
203 18.1 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: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

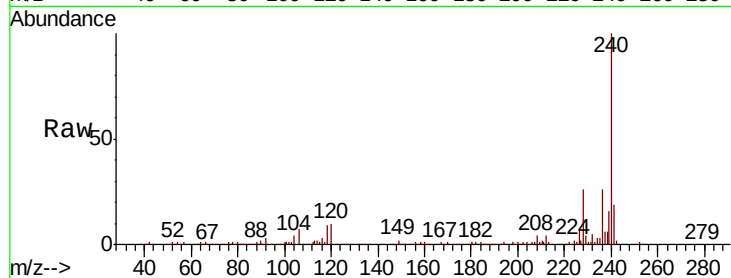
Tot Ion:240 Resp: 255972

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

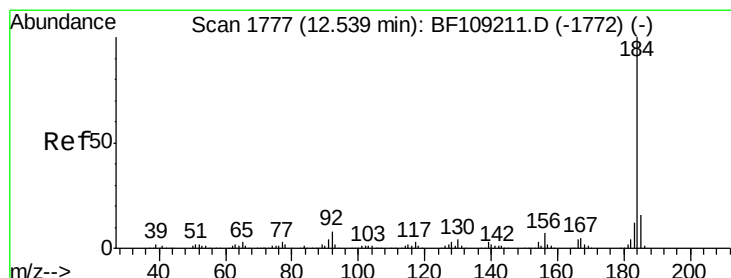
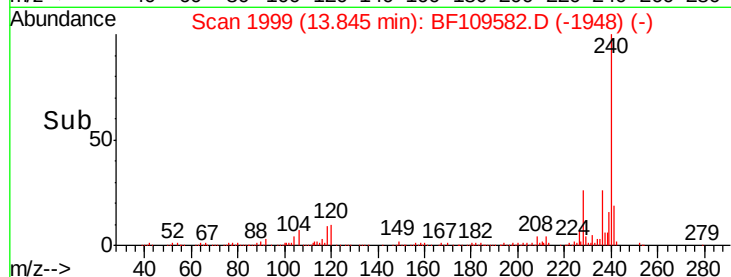
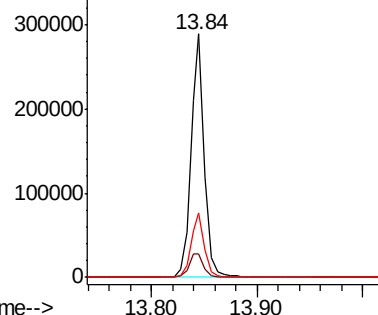
236 26.4 20.7 31.1



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: 38.091 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

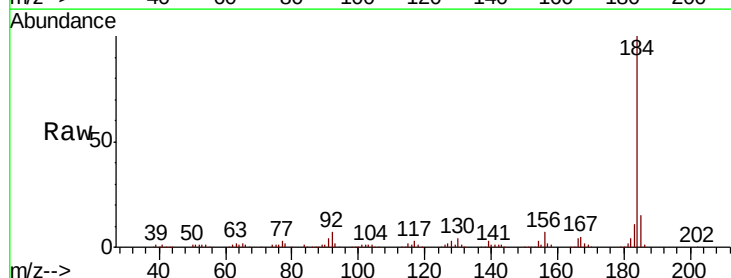
Tgt Ion:184 Resp: 351546

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

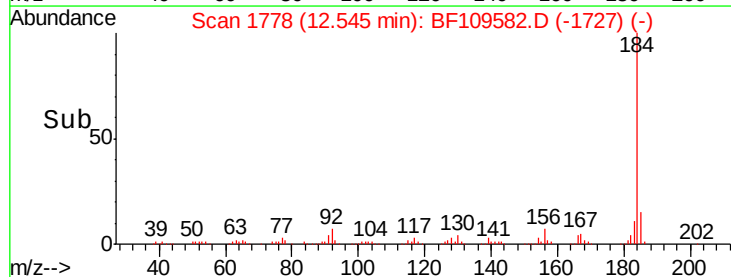
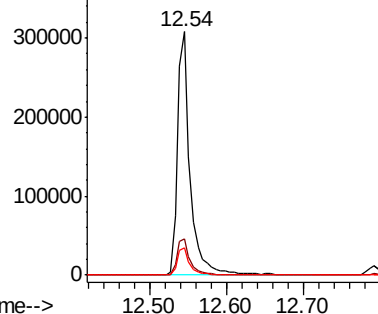
183 11.2 9.3 13.9

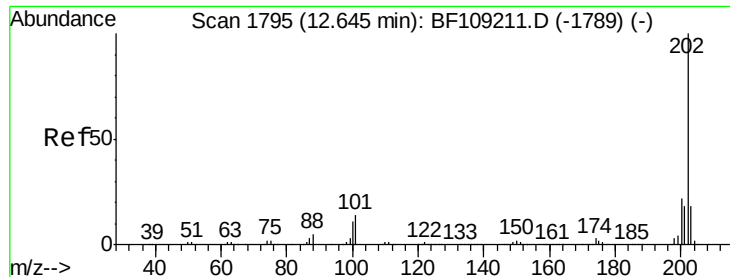


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

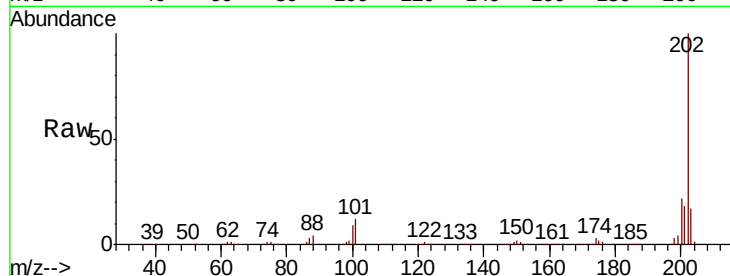




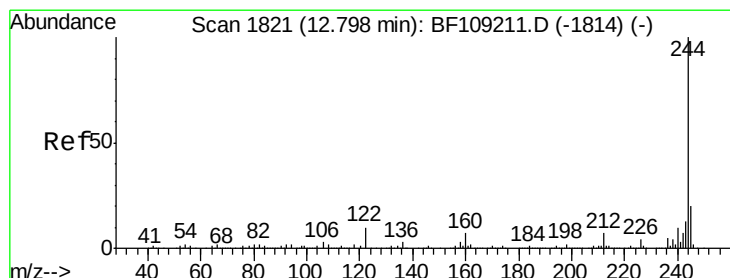
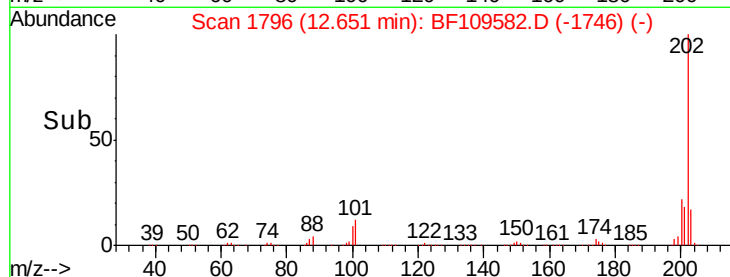
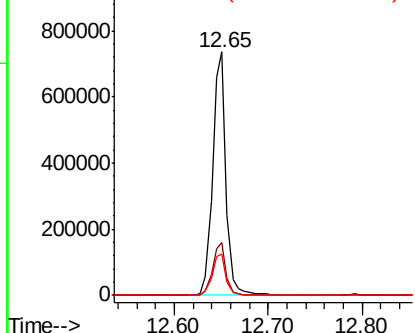
#77
Pvrene
Concen: 40.218 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 737797
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.3 14.3 21.5

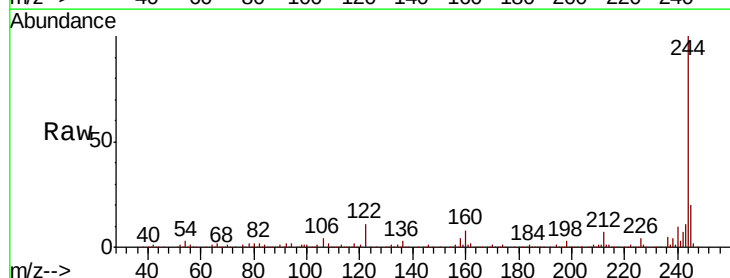


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

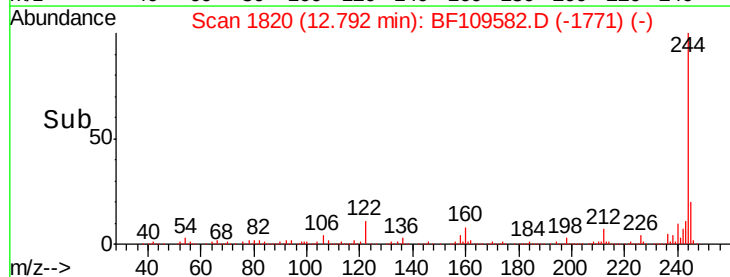
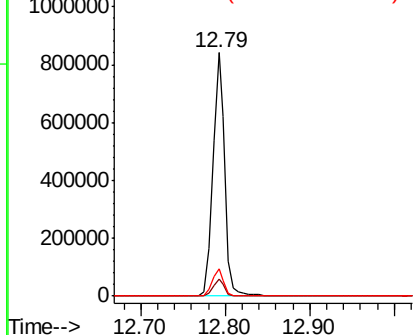


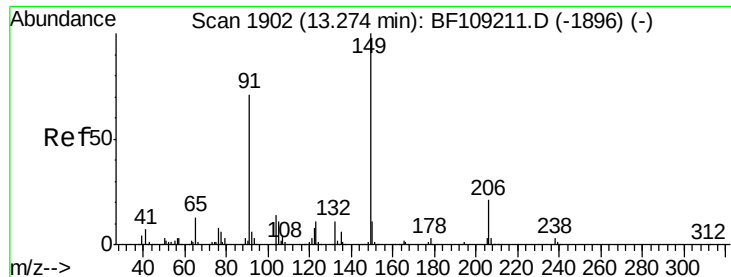
#78
Terphenyl-d14
Concen: 80.816 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

Tgt Ion:244 Resp: 842915
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 11.3 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

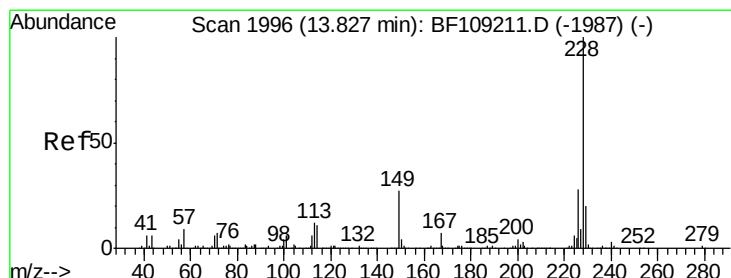
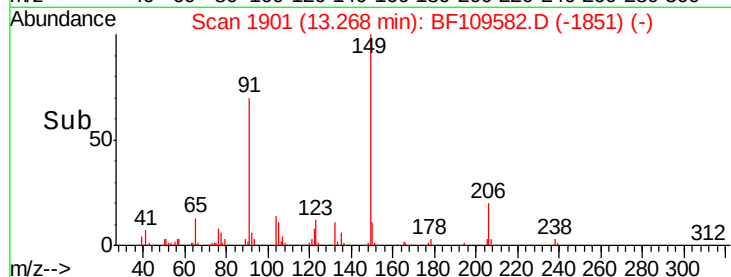
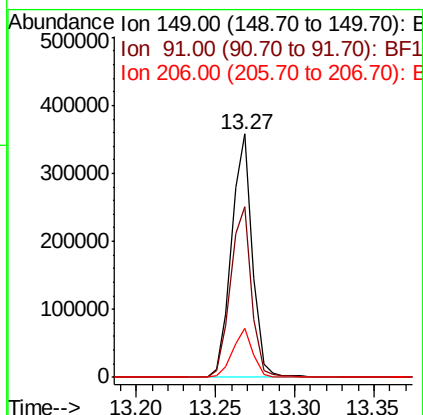
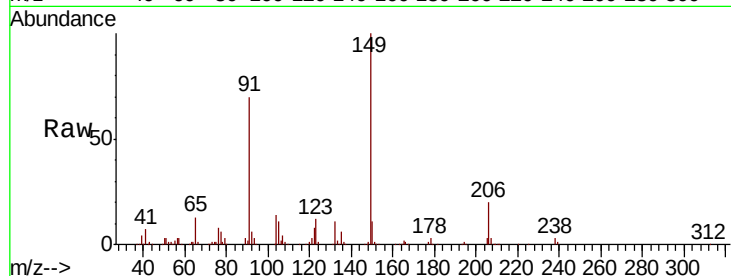




#79
Butylbenzylphthalate
Concen: 41.848 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

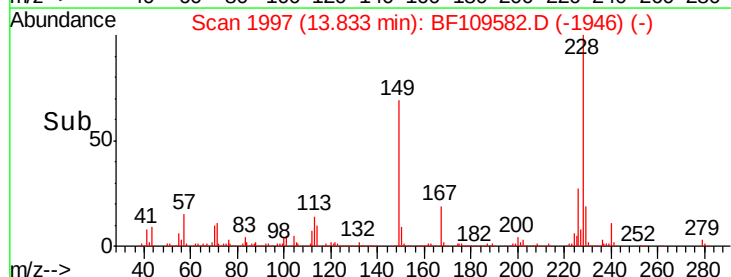
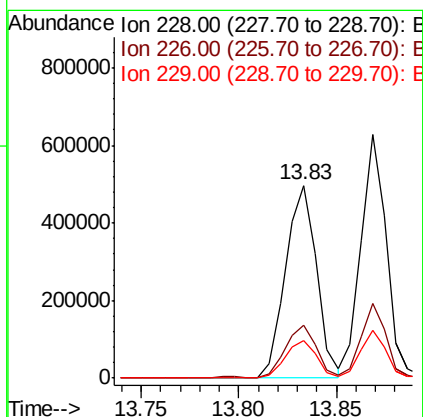
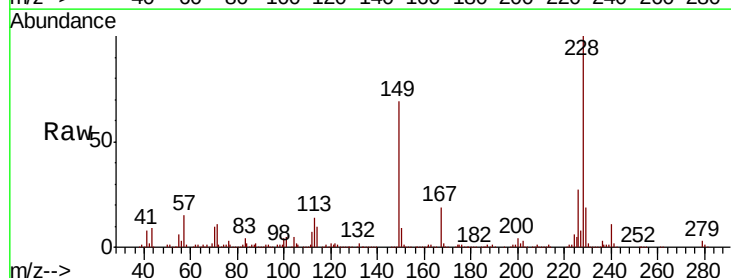
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

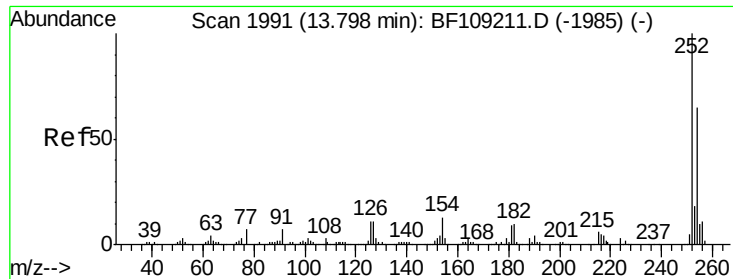
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.2	56.8	85.2
206	20.2	14.1	21.1



#80
Benzo(a)anthracene
Concen: 35.499 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	19.3	15.8	23.6

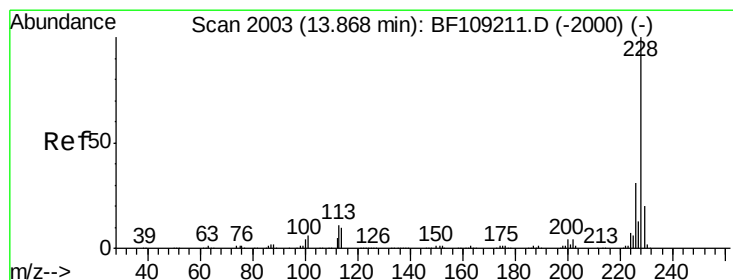
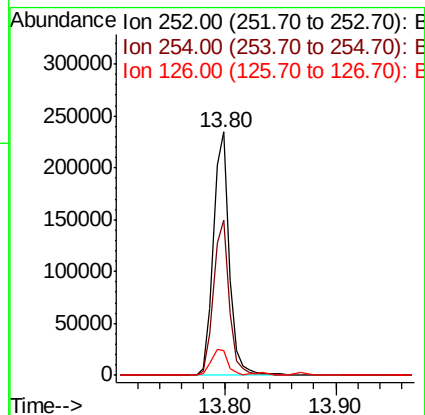
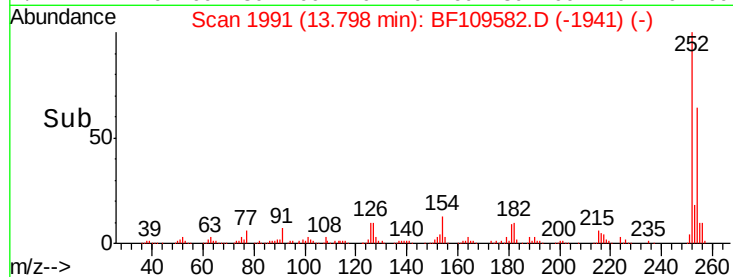
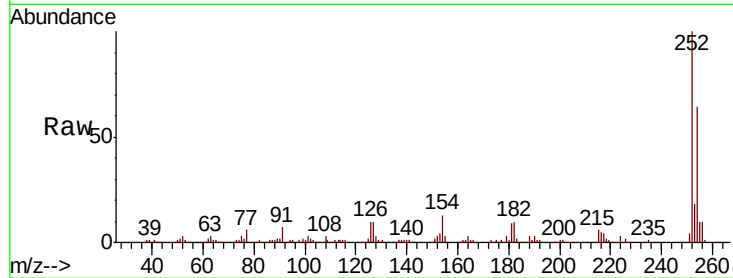




#81
 3,3'-Dichlorobenzidine
 Concen: 39.300 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BF109582.D
 Acq: 4 Oct 2018 13:15

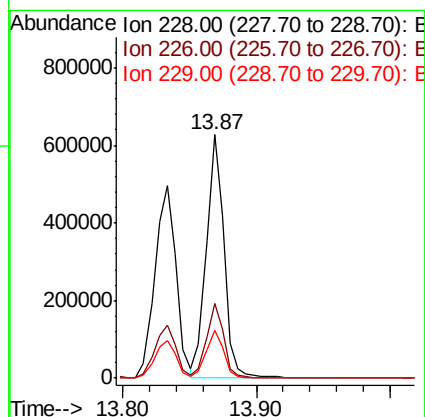
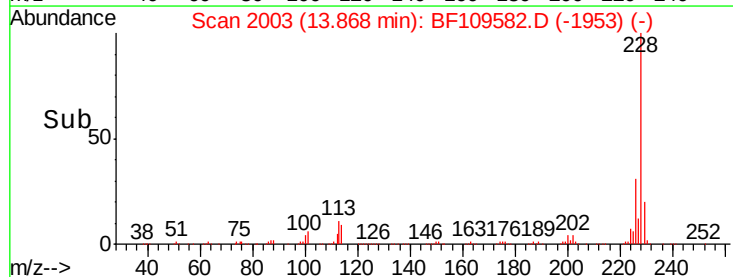
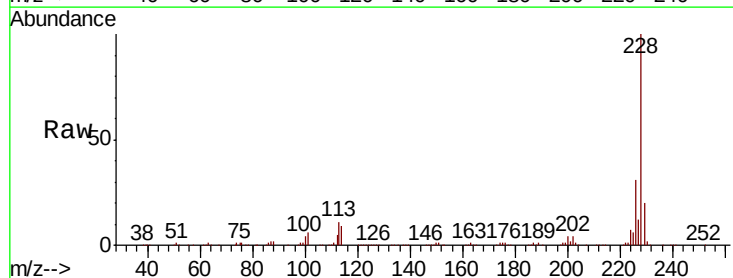
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

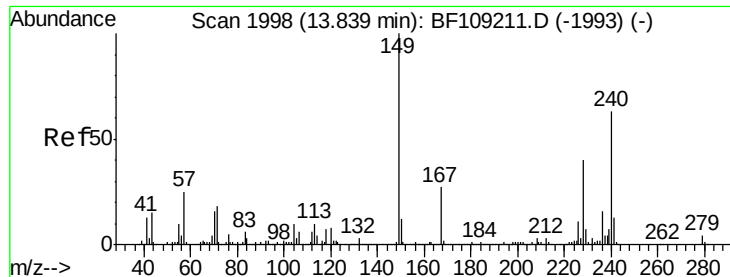
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.4	75.6
126	10.2	11.3	16.9#



#82
 Chrysene
 Concen: 37.627 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF109582.D
 Acq: 4 Oct 2018 13:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.8	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.433 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

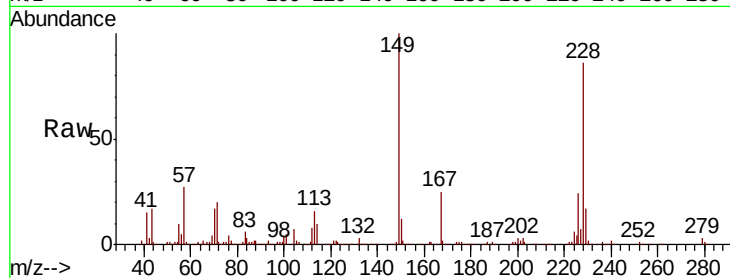
Tot Ion:149 Resp: 397984

Ion Ratio Lower Upper

149 100

167 25.3 21.3 31.9

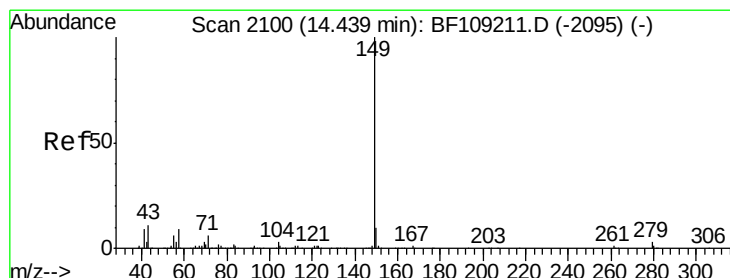
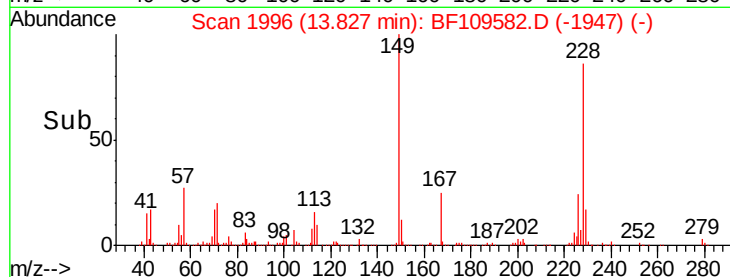
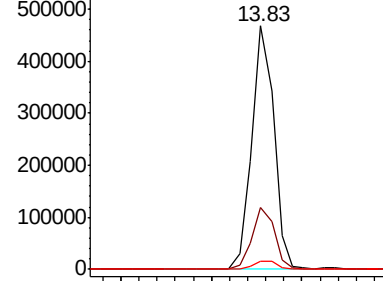
279 3.4 3.0 4.4



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: 38.369 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

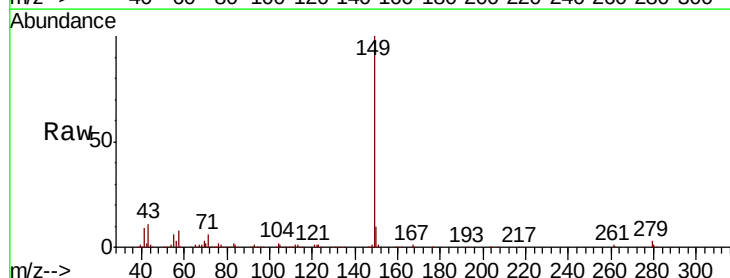
Tgt Ion:149 Resp: 645735

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

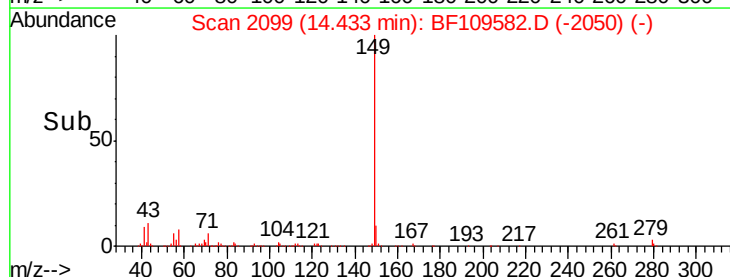
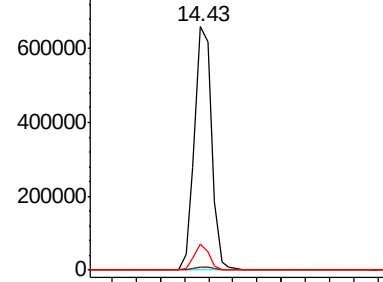
43 9.6 8.4 12.6

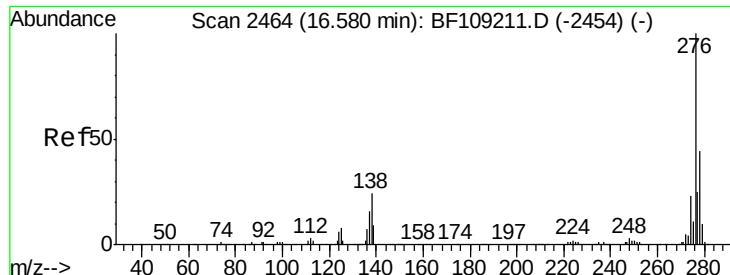


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

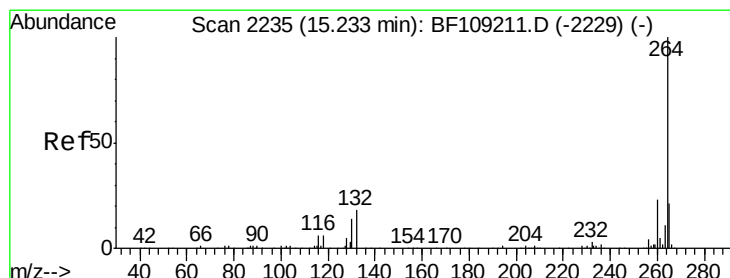
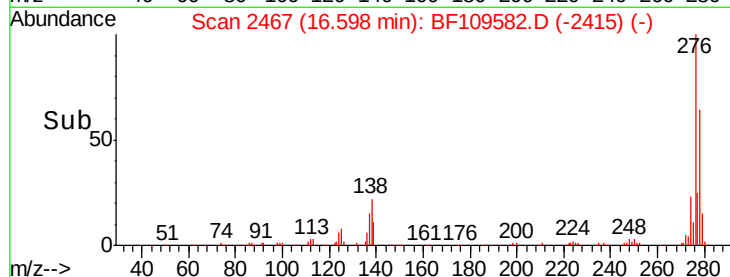
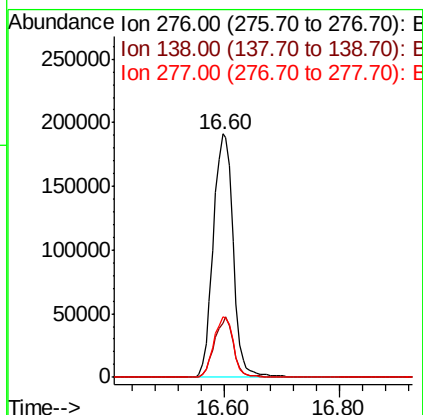
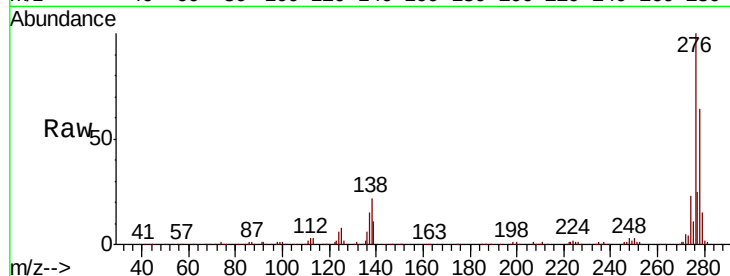




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.242 ng
 RT: 16.60 min Scan# 2467
 Delta R.T. 0.01 min
 Lab File: BF109582.D
 Acq: 4 Oct 2018 13:15

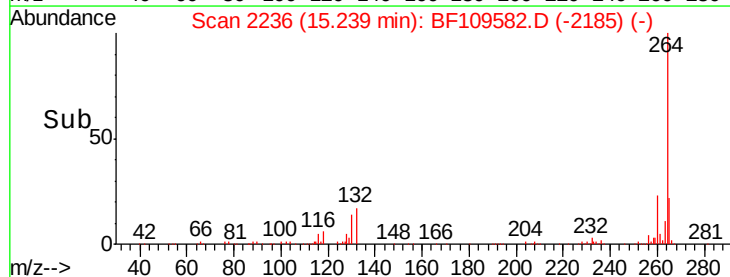
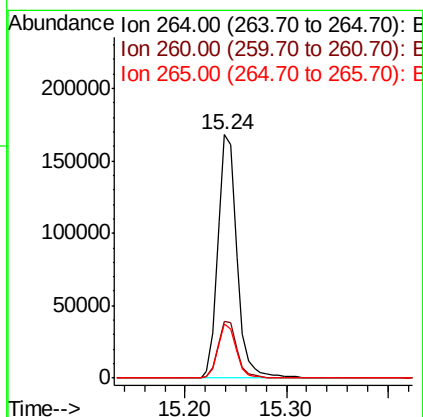
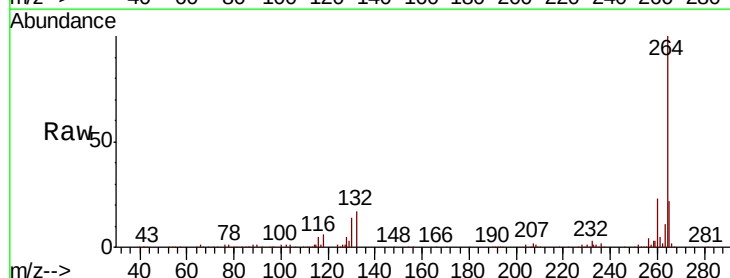
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

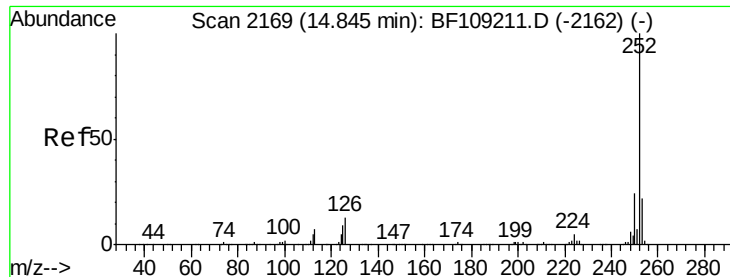
Tot Ion:276 Resp: 461307
 Ion Ratio Lower Upper
 276 100
 138 23.7 25.0 37.6#
 277 24.6 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109582.D
 Acq: 4 Oct 2018 13:15

Tgt Ion:264 Resp: 219231
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 22.3 17.5 26.3

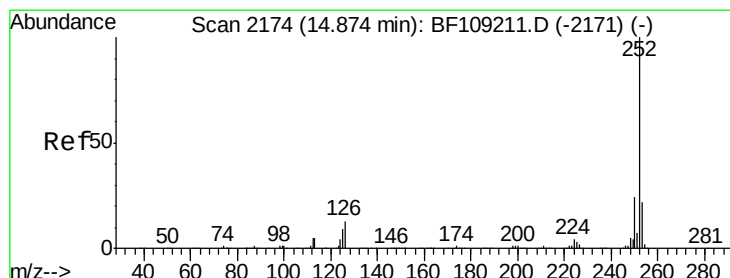
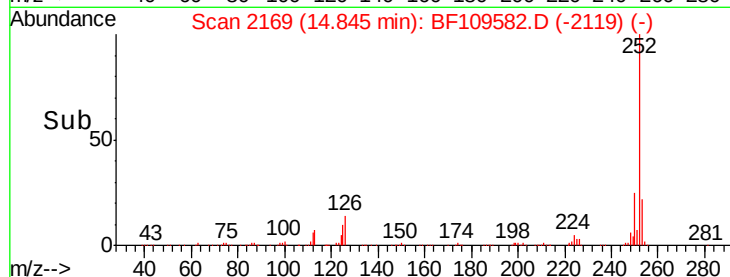
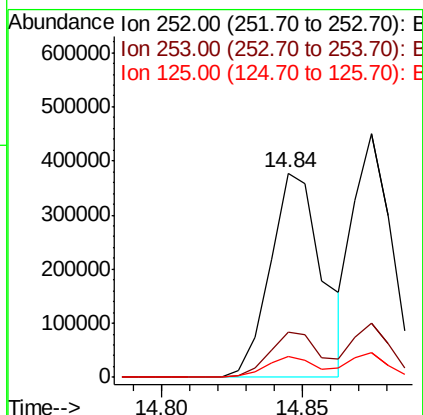
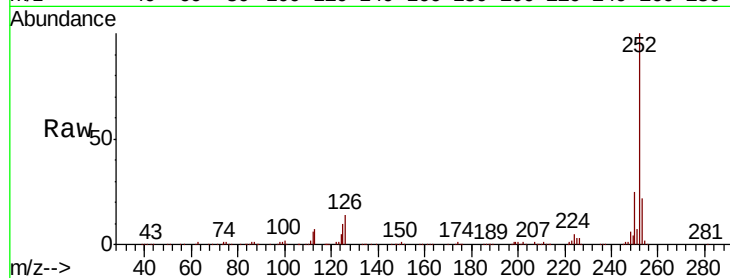




#87
Benzo(b)fluoranthene
Concen: 40.290 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

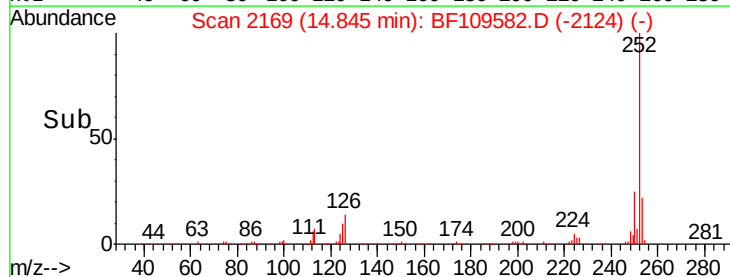
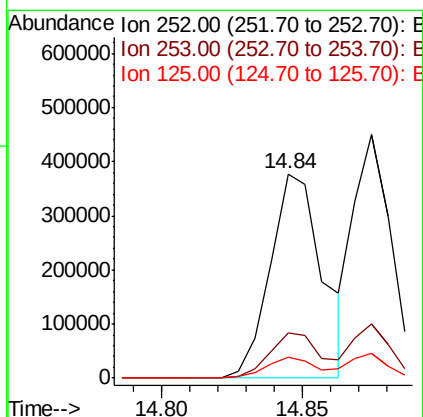
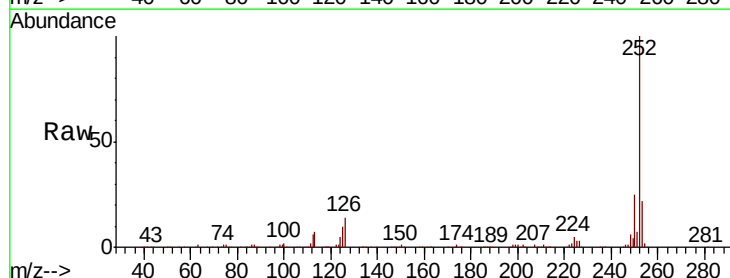
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

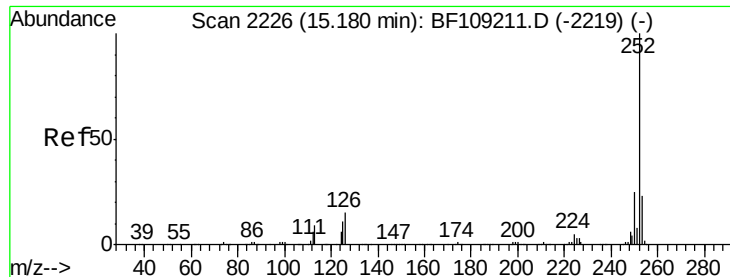
Tot Ion:252 Resp: 485351
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 10.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 42.458 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.04 min
Lab File: BF109582.D
Acq: 4 Oct 2018 13:15

Tgt Ion:252 Resp: 485351
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 10.4 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.952 ng

RT: 15.19 min Scan# 2227

Delta R.T. 0.00 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

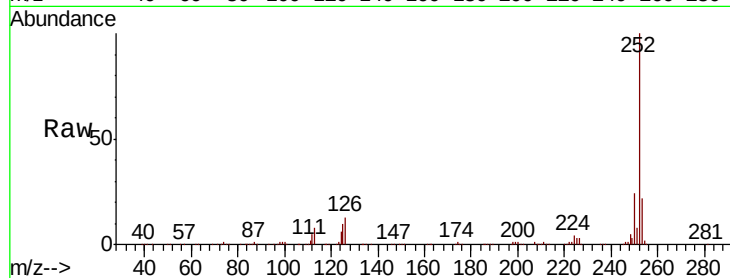
Tot Ion:252 Resp: 422821

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

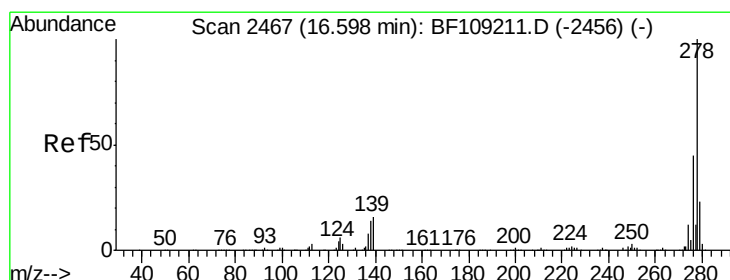
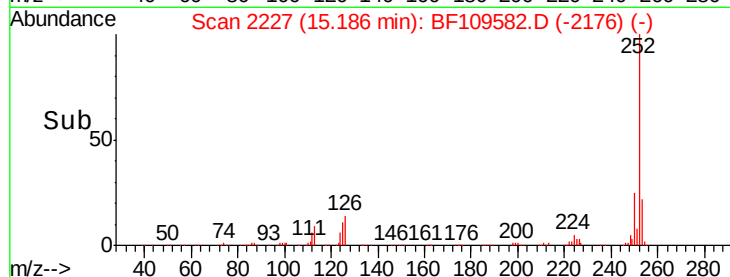
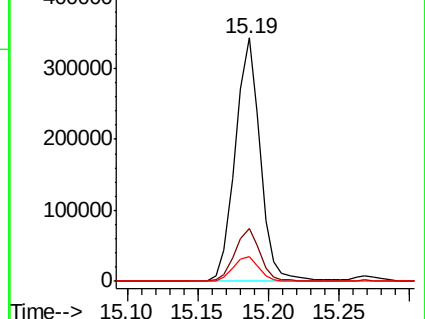
125 10.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.753 ng

RT: 16.61 min Scan# 2469

Delta R.T. 0.00 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

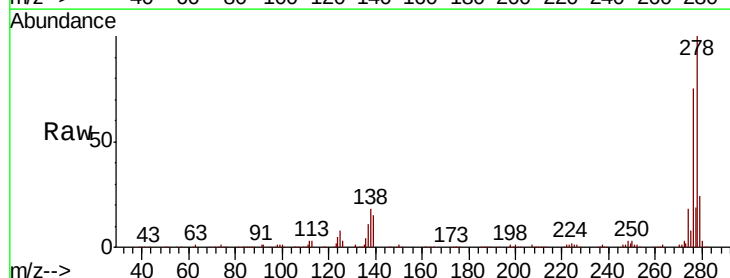
Tgt Ion:278 Resp: 380727

Ion Ratio Lower Upper

278 100

139 14.8 15.9 23.9#

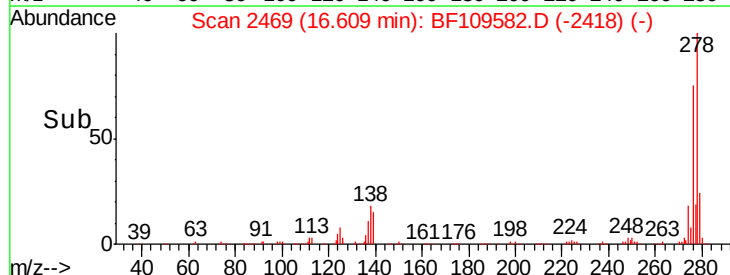
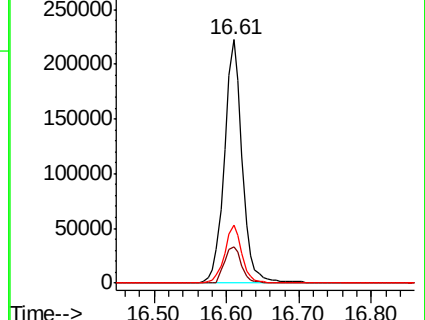
279 24.0 19.0 28.4

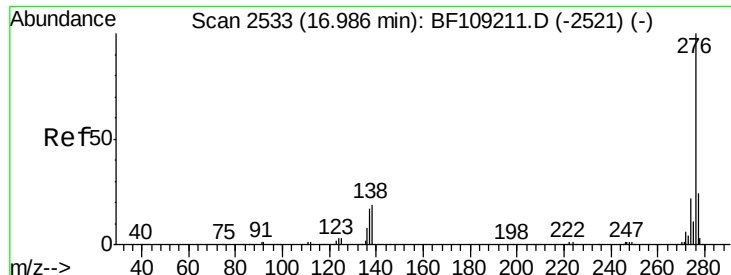


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 44.390 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.01 min

Lab File: BF109582.D

Acq: 4 Oct 2018 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 388515

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 20.1 21.8 32.8#

