

Data File : BF109340.D
Acq On : 26 Sep 2018 16:53
Operator : JU/SJ
Sample : J5070-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MSD

Quant Time: Sep 27 05:37:27 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	6.71	152	105621	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	412347	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	201783	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	382308	20.00	ng	0.00
75) Chrysene-d12	13.84	240	248196	20.00	ng	0.00
86) Perylene-d12	15.24	264	295293	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	662930	103.38	ng	0.00
7) Phenol-d6	6.36	99	854650	104.45	ng	0.00
23) Nitrobenzene-d5	7.27	82	523609	74.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	226427	113.83	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	749137	55.99	ng	-0.01
78) Terphenyl-d14	12.80	244	638649	63.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	82586	27.963	ng	94
3) Pyridine	3.10	79	244545	32.172	ng	93
4) n-Nitrosodimethylamine	3.03	42	117600	36.354	ng	# 96
6) Aniline	6.37	93	296440	28.316	ng	# 30
8) 2-Chlorophenol	6.50	128	256142	35.919	ng	93
9) Benzaldehyde	6.25	77	153405	29.183	ng	98
10) Phenol	6.37	94	336705	36.335	ng	# 68
11) bis(2-Chloroethyl)ether	6.45	93	243013	33.514	ng	97
12) 1,3-Dichlorobenzene	6.65	146	268756	32.733	ng	99
13) 1,4-Dichlorobenzene	6.73	146	273899	33.113	ng	98
14) 1,2-Dichlorobenzene	6.88	146	258070	33.821	ng	98
15) Benzyl Alcohol	6.85	79	231376	36.941	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	333808	32.455	ng	95
17) 2-Methylphenol	6.97	107	211803	36.708	ng	97
18) Hexachloroethane	7.22	117	96500	33.114	ng	96
19) n-Nitroso-di-n-propylamine	7.13	70	178592	33.308	ng	98
20) 3+4-Methylphenols	7.12	107	257244	36.927	ng	# 67
22) Acetophenone	7.12	105	357188	37.467	ng	# 95
24) Nitrobenzene	7.29	77	272707	36.718	ng	96
25) Isophorone	7.53	82	491323	39.060	ng	99
26) 2-Nitrophenol	7.60	139	130600	44.464	ng	94
27) 2,4-Dimethylphenol	7.65	122	231782	42.290	ng	100
28) bis(2-Chloroethoxy)methane	7.75	93	306153	36.768	ng	99
29) 2,4-Dichlorophenol	7.85	162	217420	37.757	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	219974	34.186	ng	97
31) Naphthalene	8.01	128	726484	37.702	ng	100
32) Benzoic acid	7.65	122	231782	60.217	ng	# 15
33) 4-Chloroaniline	8.06	127	208060	24.717	ng	99
34) Hexachlorobutadiene	8.14	225	125935	32.465	ng	100
35) Caprolactam	8.42	113	52274	28.433	ng	86
36) 4-Chloro-3-methylphenol	8.55	107	232771	38.414	ng	99
37) 2-Methylnaphthalene	8.70	142	484725	39.022	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	217328	33.842	ng	98
40) Hexachlorocyclopentadiene	8.86	237	175020	62.485	ng	100

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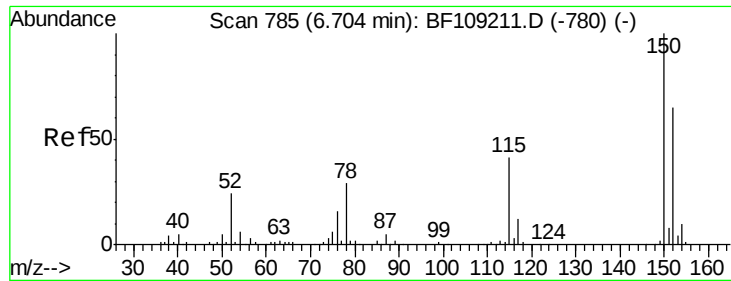
Quant Time: Sep 27 05:37:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	158637	38.490	ng	99
43) 2,4,5-Trichlorophenol	9.02	196	169508	38.941	ng	97
45) 1,1'-Biphenyl	9.16	154	573387	34.877	ng	99
46) 2-Chloronaphthalene	9.19	162	445670	33.933	ng	99
47) 2-Nitroaniline	9.28	65	147115	39.507	ng	93
48) Acenaphthylene	9.60	152	732509	36.970	ng	99
49) Dimethylphthalate	9.47	163	871590	59.387	ng	99
50) 2,6-Dinitrotoluene	9.53	165	117794	40.525	ng	98
51) Acenaphthene	9.77	154	432477	36.102	ng	98
52) 3-Nitroaniline	9.69	138	109523	32.536	ng	99
53) 2,4-Dinitrophenol	9.80	184	13358	20.084	ng #	21
54) Dibenzofuran	9.95	168	626270	35.153	ng	98
55) 4-Nitrophenol	9.86	139	172114	67.874	ng	96
56) 2,4-Dinitrotoluene	9.93	165	157251	42.757	ng #	98
57) Fluorene	10.29	166	484032	38.079	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	138562	40.203	ng	89
59) Diethylphthalate	10.17	149	525519	35.360	ng	96
60) 4-Chlorophenyl-phenylether	10.28	204	226289	34.084	ng	92
61) 4-Nitroaniline	10.30	138	121329	36.959	ng	98
62) Azobenzene	10.44	77	521425	33.769	ng	95
64) 4,6-Dinitro-2-methylphenol	10.34	198	41133	29.750	ng #	75
65) n-Nitrosodiphenylamine	10.40	169	456361	36.129	ng	95
66) 4-Bromophenyl-phenylether	10.77	248	151546	35.697	ng #	86
67) Hexachlorobenzene	10.84	284	159907	35.465	ng #	87
68) Atrazine	10.93	200	148572	38.245	ng	96
69) Pentachlorophenol	11.03	266	160428	59.449	ng	98
70) Phenanthrene	11.24	178	748509	39.212	ng	99
71) Anthracene	11.29	178	730411	37.726	ng	99
72) Carbazole	11.45	167	608156	31.571	ng	99
73) Di-n-butylphthalate	11.79	149	779063	35.131	ng	99
74) Fluoranthene	12.42	202	718141	35.204	ng	96
76) Benzidine	12.55	184	404587	45.212	ng	98
77) Pyrene	12.65	202	689874	38.784	ng	99
79) Butylbenzylphthalate	13.27	149	277924	36.725	ng	98
80) Benzo(a)anthracene	13.83	228	546819	36.577	ng	99
81) 3,3'-Dichlorobenzidine	13.80	252	183966	32.380	ng	98
82) Chrysene	13.87	228	538577	36.348	ng	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	341242	35.754	ng	100
84) Di-n-octyl phthalate	14.44	149	637681	39.077	ng	98
85) Indeno(1,2,3-cd)pyrene	16.60	276	591401	49.241	ng #	92
87) Benzo(b)fluoranthene	14.85	252	582347	35.889	ng	97
88) Benzo(k)fluoranthene	14.88	252	532038	34.554	ng #	96
89) Benzo(a)pyrene	15.19	252	549325	37.571	ng	98
90) Dibenzo(a,h)anthracene	16.61	278	483224	40.285	ng #	96
91) Benzo(g,h,i)perylene	17.00	276	471947	40.033	ng #	92

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

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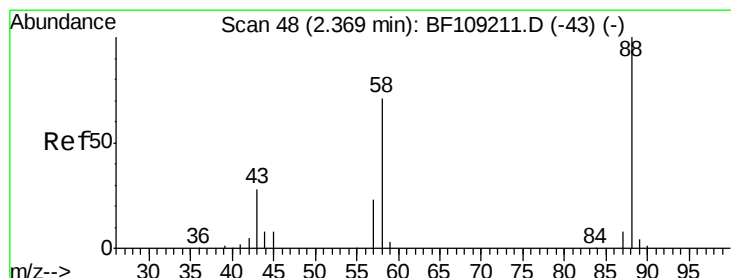
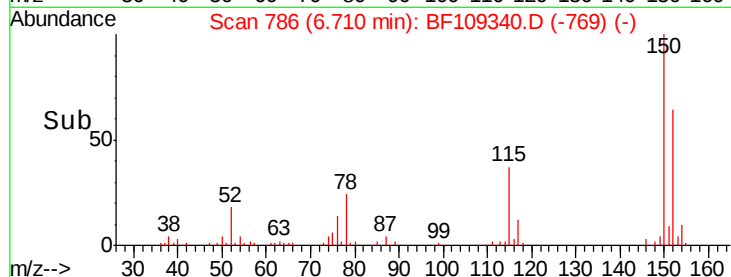
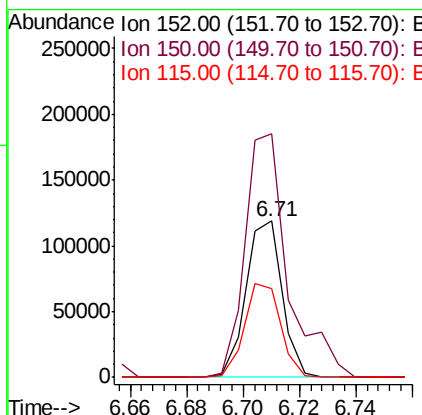
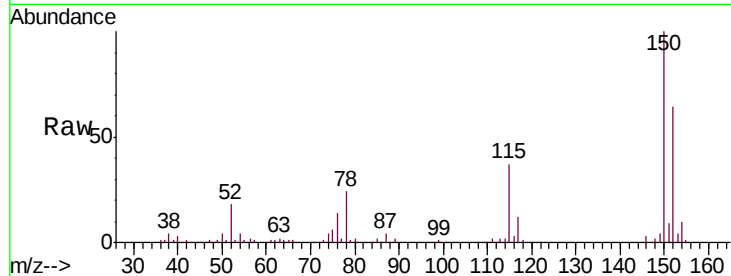




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

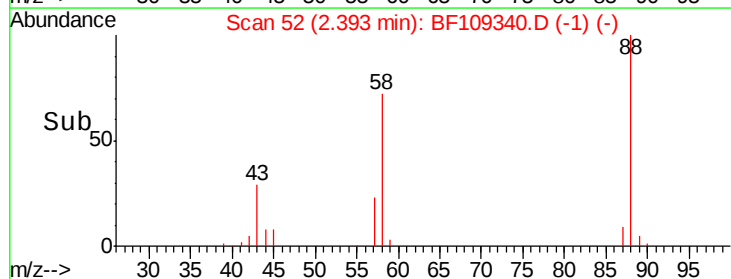
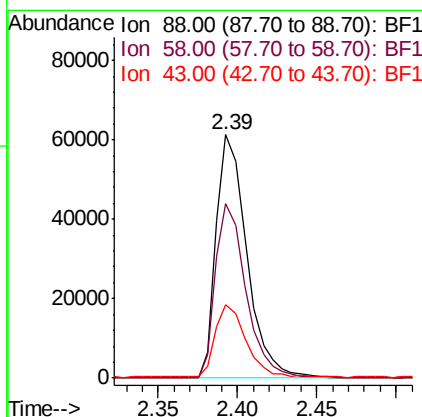
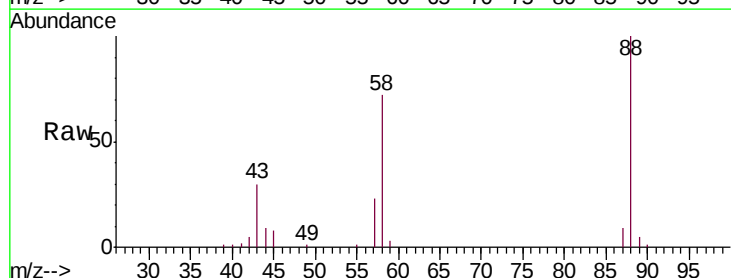
Instrument :
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 CS-RBR-200027MSD

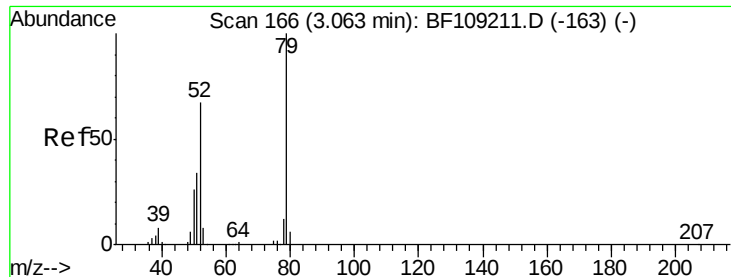
Tgt Ion:152 Resp: 105621
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.6 186.8
 115 57.0 50.1 75.1



#2
 1,4-Dioxane
 Concen: 27.963 ng
 RT: 2.39 min Scan# 52
 Delta R.T. 0.02 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

Tgt Ion: 88 Resp: 82586
 Ion Ratio Lower Upper
 88 100
 58 71.9 62.6 93.8
 43 32.1 24.6 37.0





#3

Pyridine

Concen: 32.172 ng

RT: 3.10 min Scan# 173

Delta R.T. 0.04 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

Instrument :

BNA_F

ClientSampleId :

CS-RBR-200027MSD

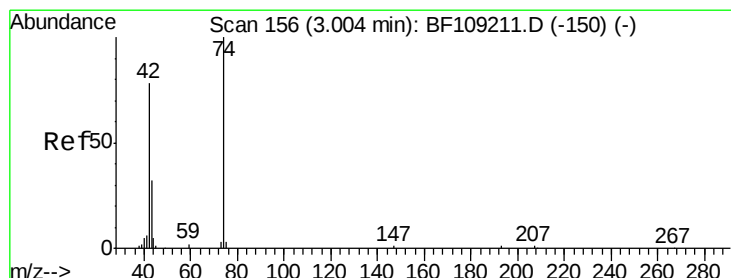
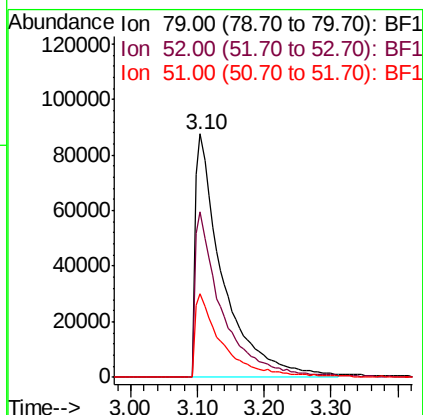
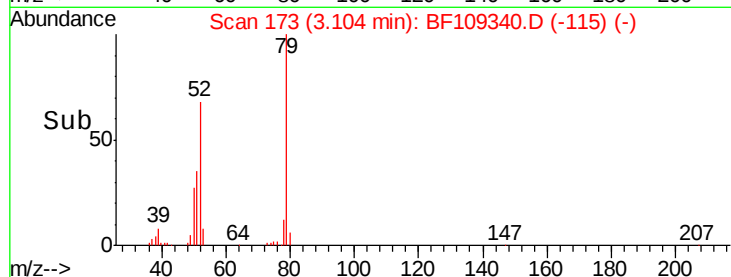
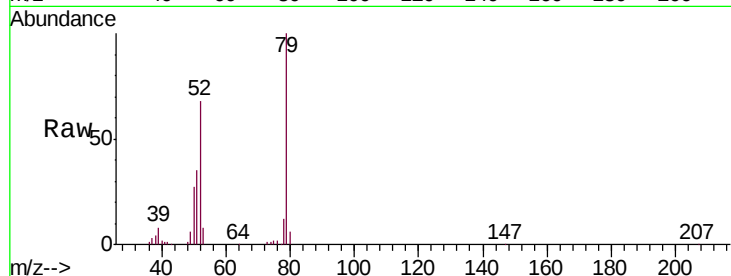
Tgt Ion: 79 Resp: 244545

Ion Ratio Lower Upper

79 100

52 68.0 59.8 89.6

51 34.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 36.354 ng

RT: 3.03 min Scan# 160

Delta R.T. 0.01 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

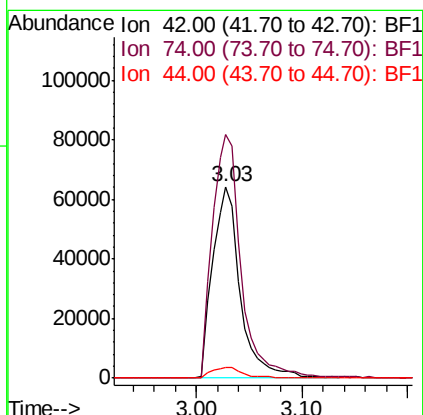
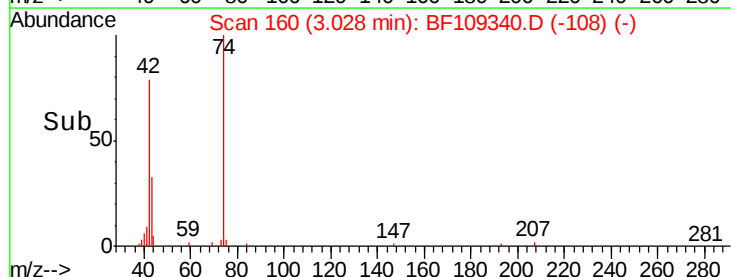
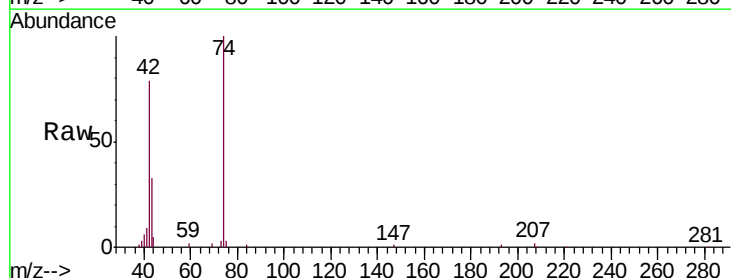
Tgt Ion: 42 Resp: 117600

Ion Ratio Lower Upper

42 100

74 127.1 104.9 157.3

44 5.8 6.9 10.3#





#5

2-Fluorophenol

Concen: 103.379 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

Instrument :

BNA_F

ClientSampleId :

CS-RBR-200027MSD

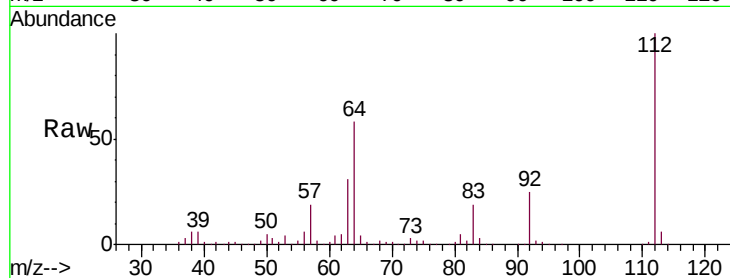
Tgt Ion: 112 Resp: 662930

Ion Ratio Lower Upper

112 100

64 58.3 47.9 71.9

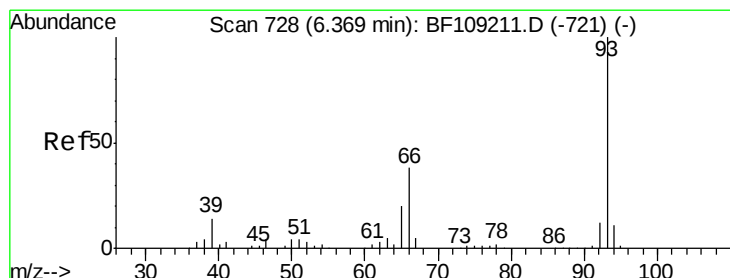
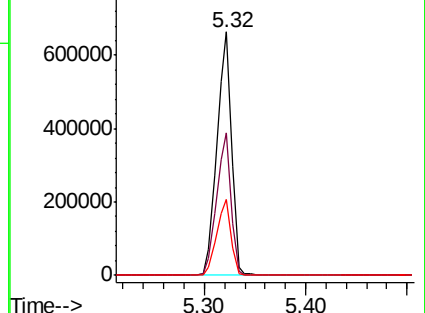
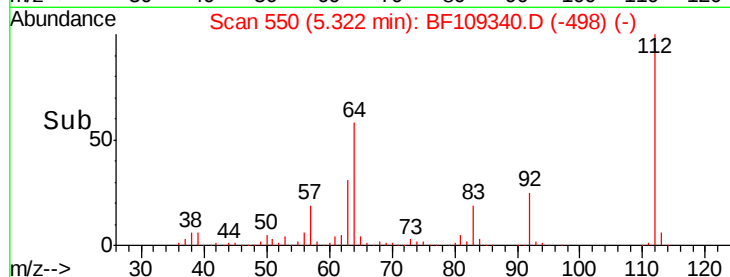
63 31.3 23.7 35.5



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: 28.316 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

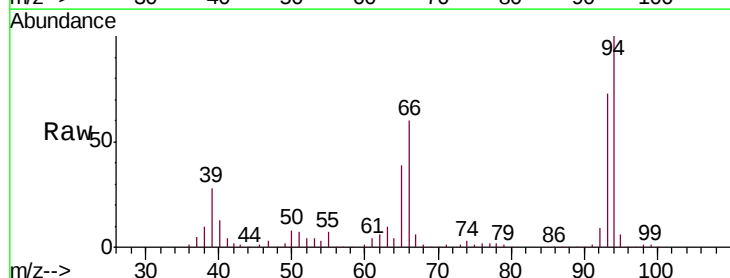
Tgt Ion: 93 Resp: 296440

Ion Ratio Lower Upper

93 100

66 82.9 32.2 48.2#

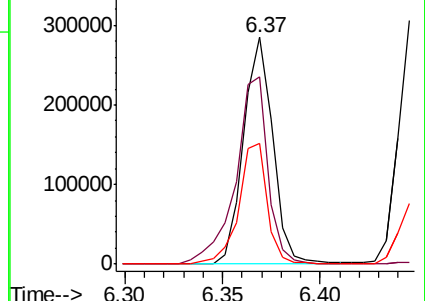
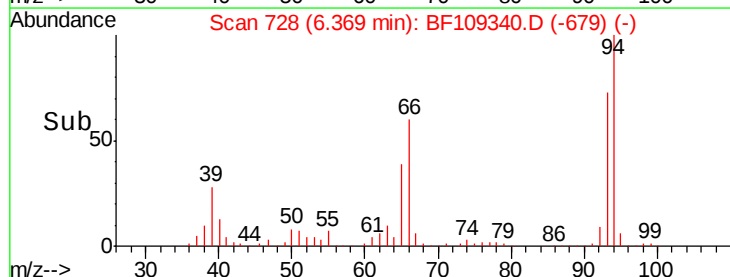
65 53.4 16.4 24.6#

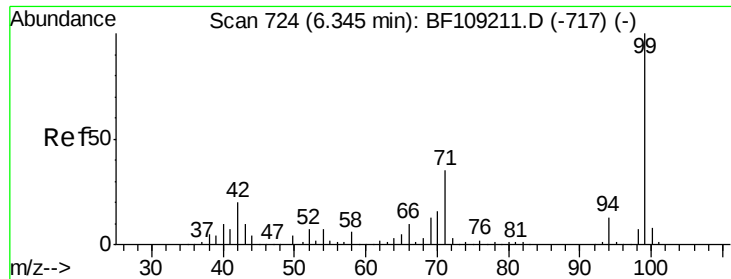


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.445 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

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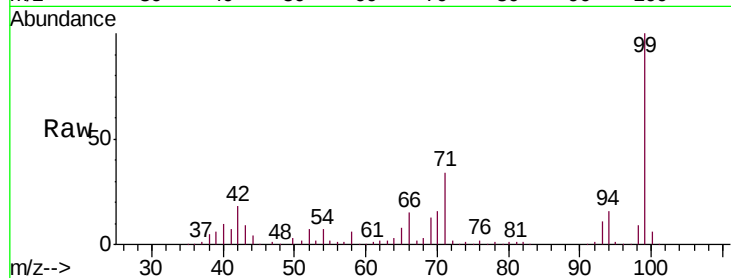
Tgt Ion: 99 Resp: 854650

Ion Ratio Lower Upper

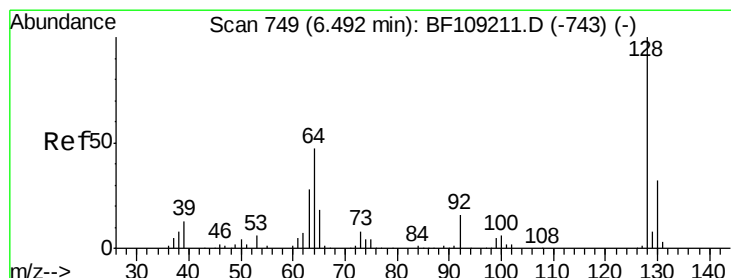
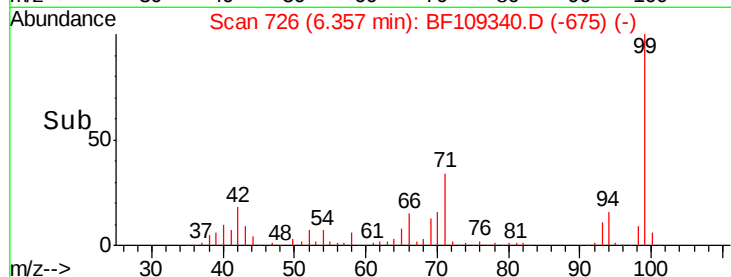
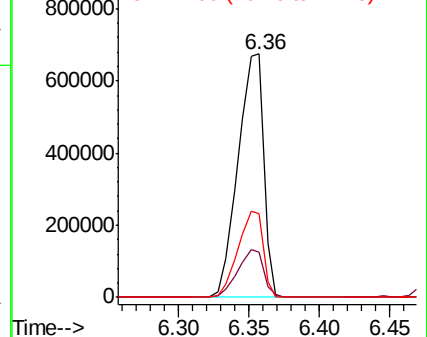
99 100

42 18.3 14.5 21.7

71 34.5 25.4 38.0



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



#8

2-Chlorophenol

Concen: 35.919 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF109340.D

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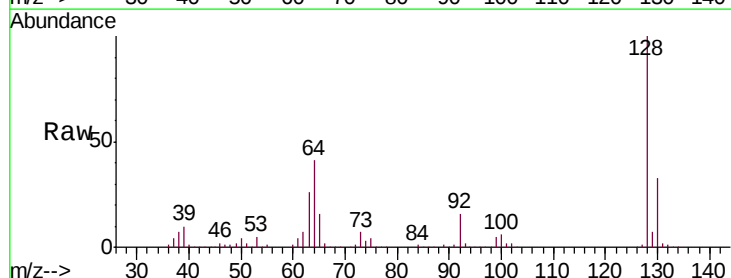
Tgt Ion: 128 Resp: 256142

Ion Ratio Lower Upper

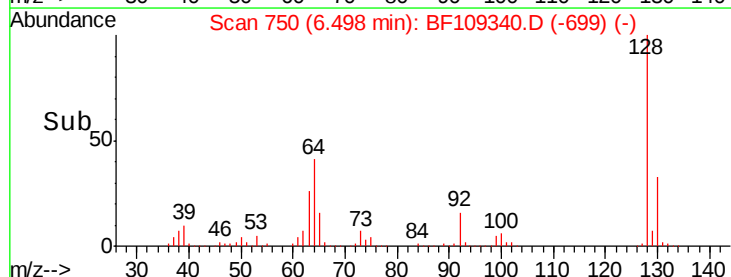
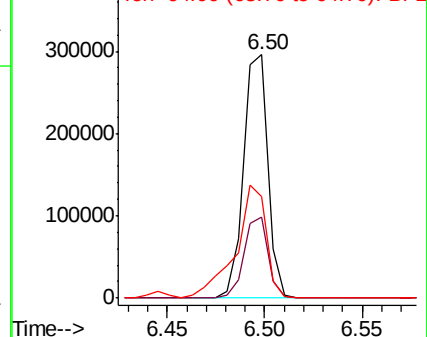
128 100

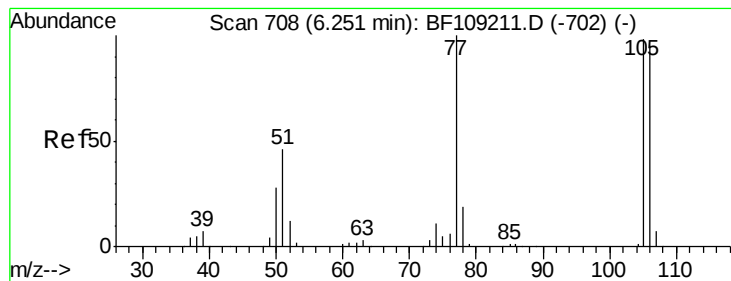
130 33.1 13.0 53.0

64 41.5 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: 29.183 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF109340.D

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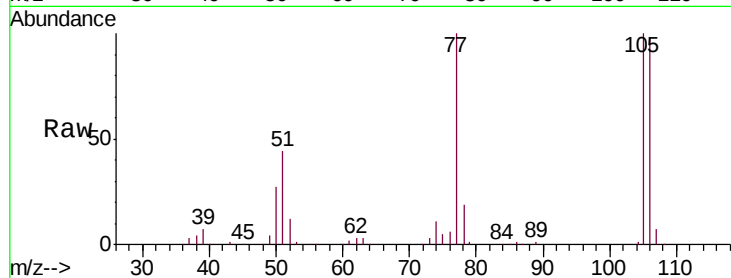
Tgt Ion: 77 Resp: 153405

Ion Ratio Lower Upper

77 100

105 100.3 81.1 121.1

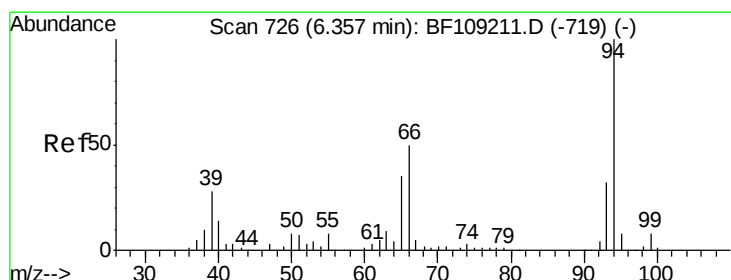
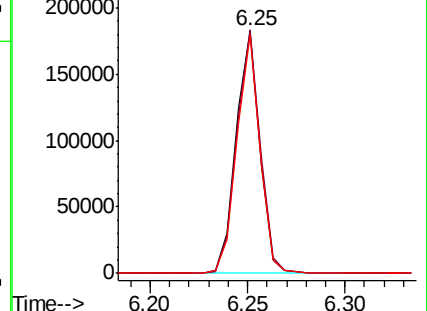
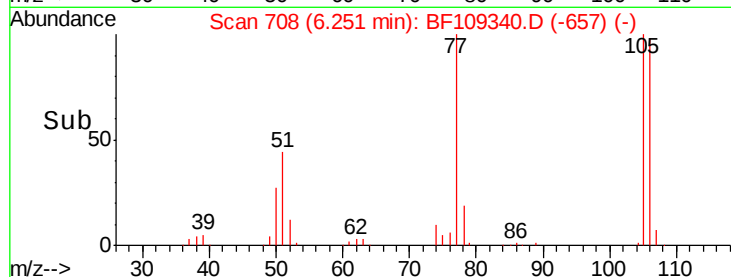
106 98.3 74.5 114.5



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: 36.335 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

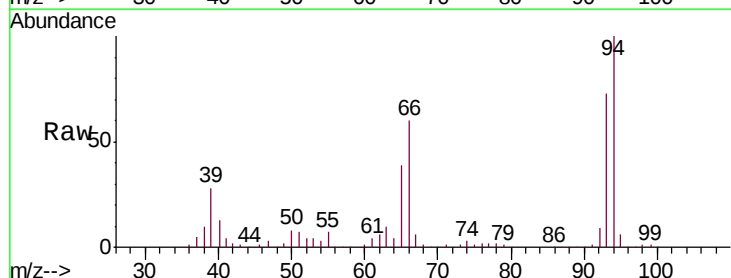
Tgt Ion: 94 Resp: 336705

Ion Ratio Lower Upper

94 100

65 38.7 7.9 47.9

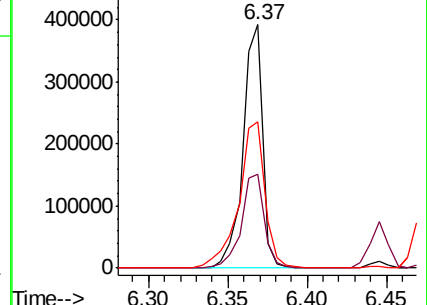
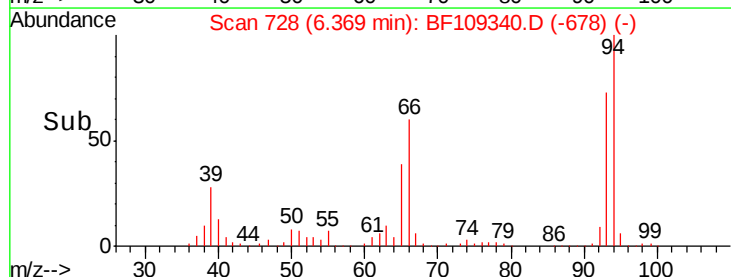
66 60.2 16.2 56.2#

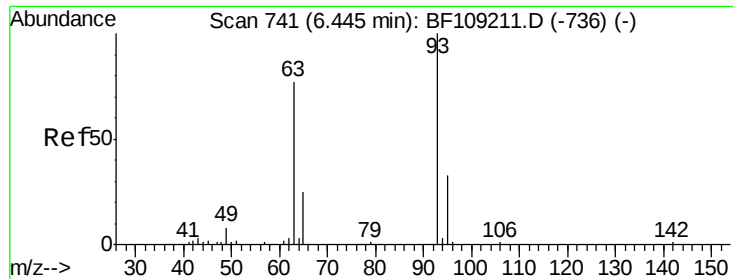


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

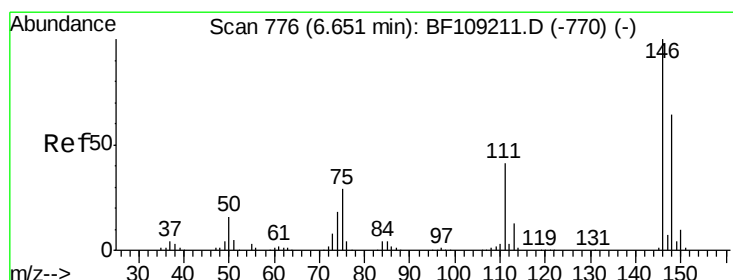
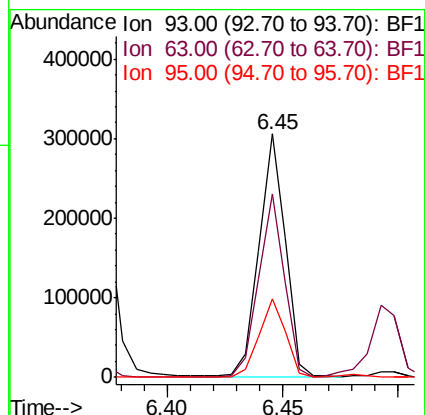
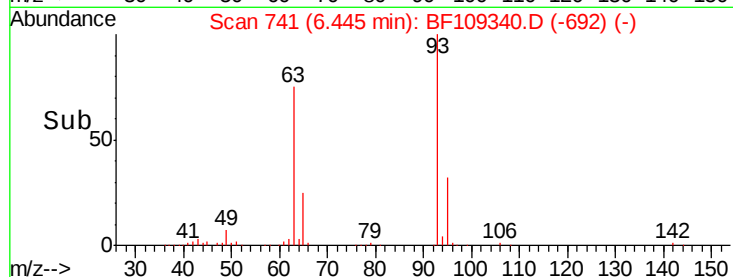
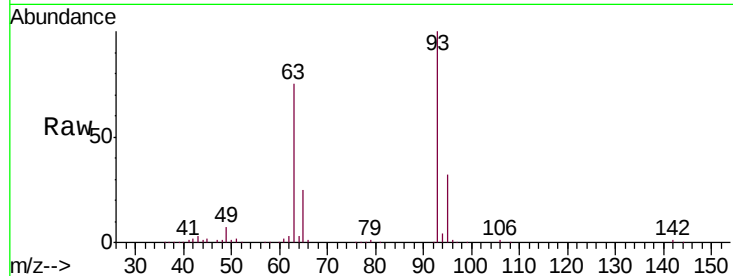




#11
bis(2-Chloroethyl)ether
Concen: 33.514 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF109340.D
Acq: 26 Sep 2018 16:53

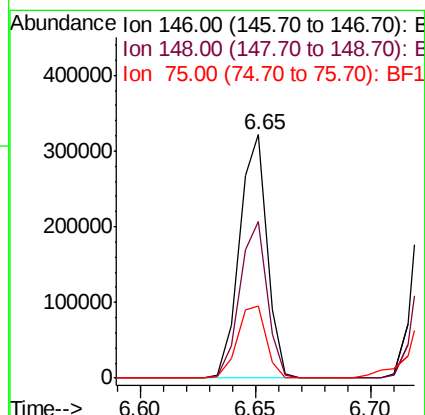
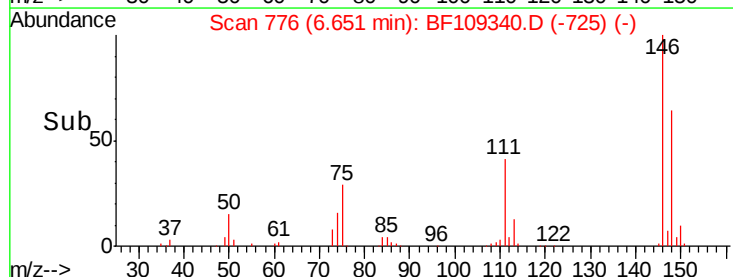
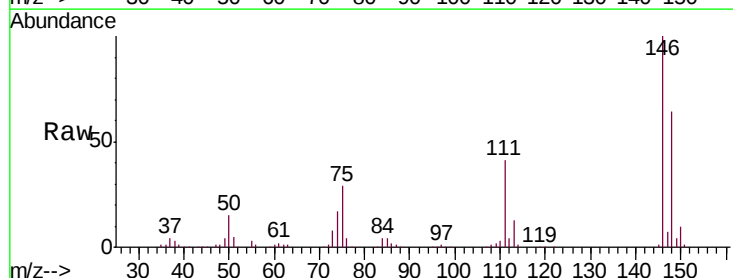
Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MSD

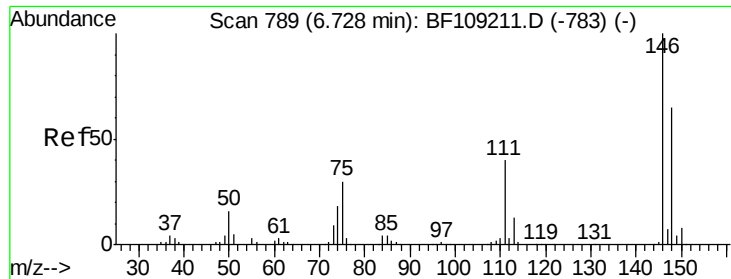
Tgt Ion: 93 Resp: 243013
Ion Ratio Lower Upper
93 100
63 75.2 58.6 98.6
95 32.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 32.733 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF109340.D
Acq: 26 Sep 2018 16:53

Tgt Ion: 146 Resp: 268756
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
75 29.5 24.2 36.4

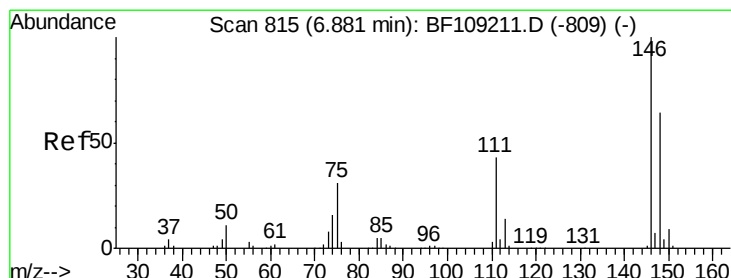
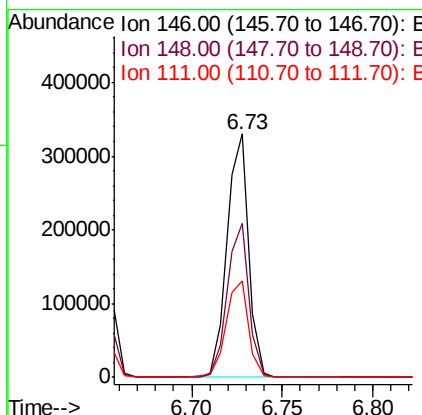
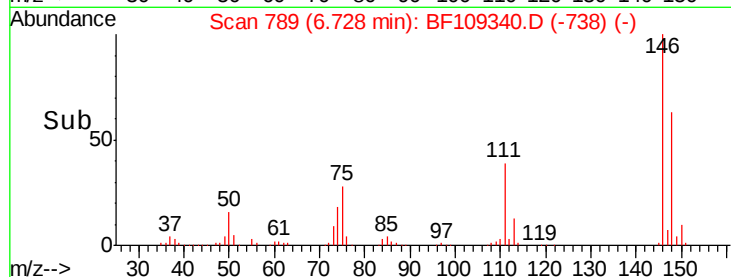
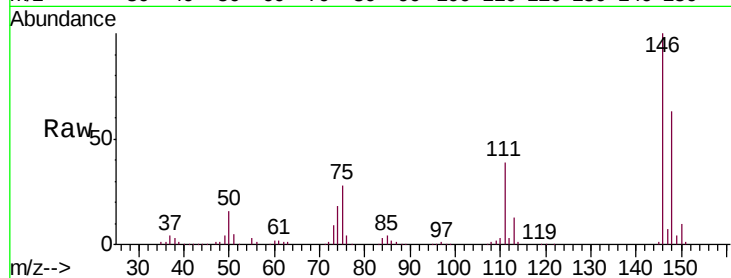




#13
 1,4-Dichlorobenzene
 Concen: 33.113 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

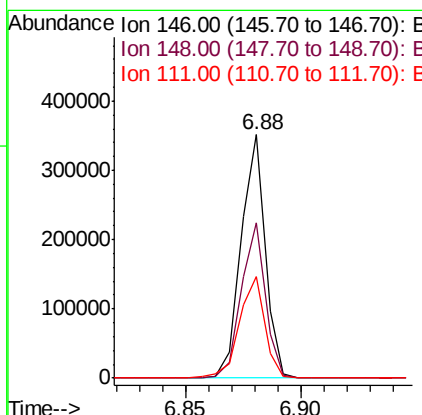
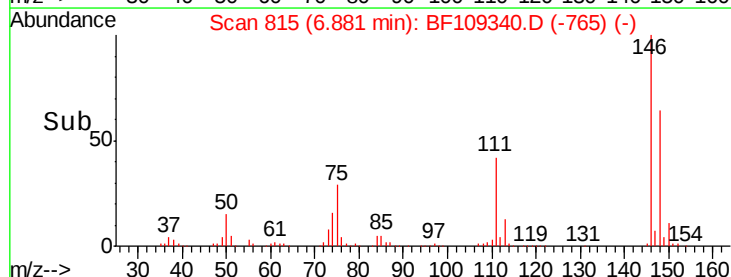
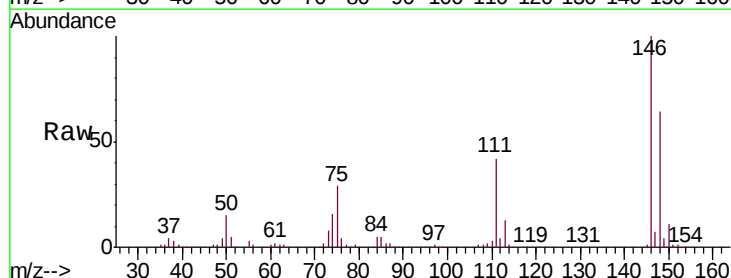
Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MSD

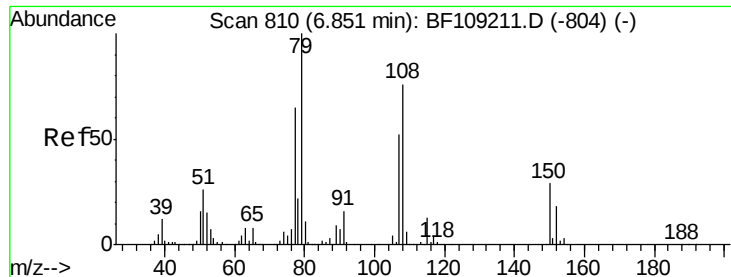
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.8	76.2
111	39.4	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 33.821 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	75.8
111	41.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 36.941 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

Instrument :

BNA_F

ClientSampleId :

CS-RBR-200027MSD

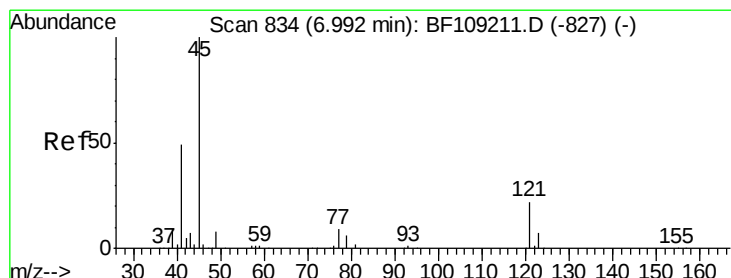
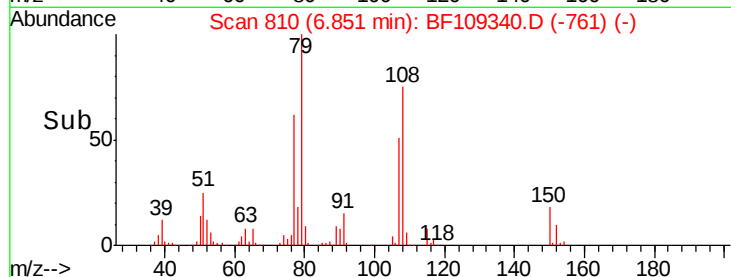
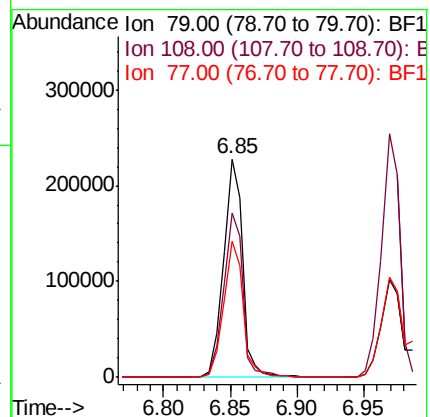
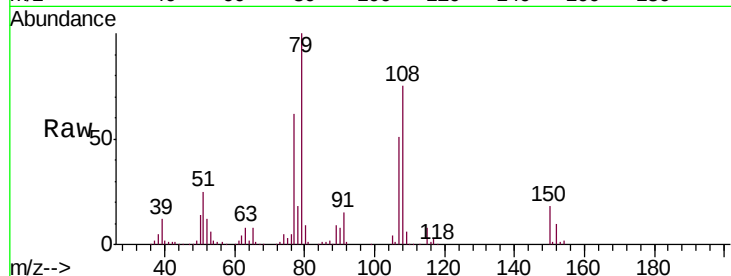
Tgt Ion: 79 Resp: 231376

Ion Ratio Lower Upper

79 100

108 75.1 65.1 97.7

77 62.3 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.455 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

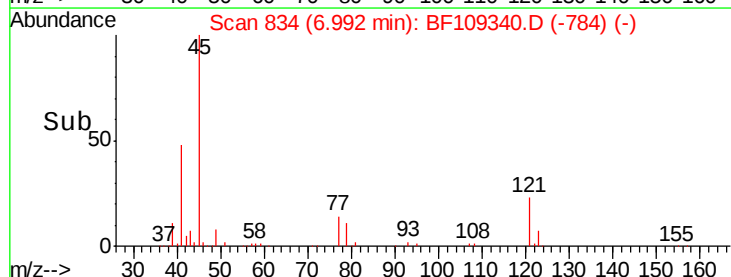
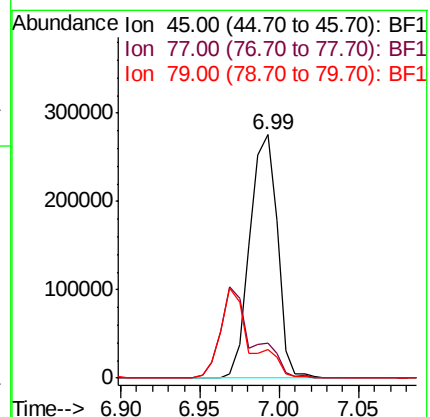
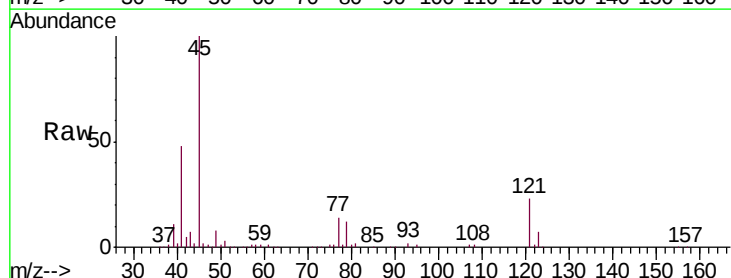
Tgt Ion: 45 Resp: 333808

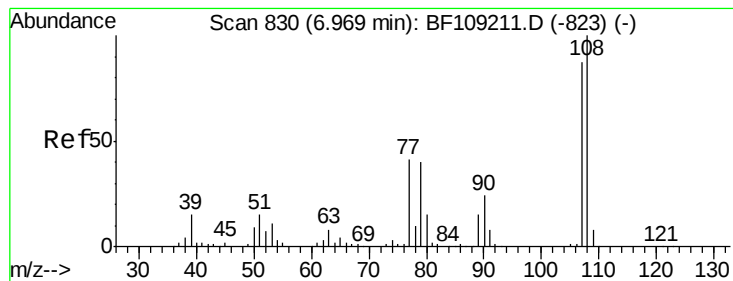
Ion Ratio Lower Upper

45 100

77 14.4 0.0 32.9

79 11.7 0.0 29.6

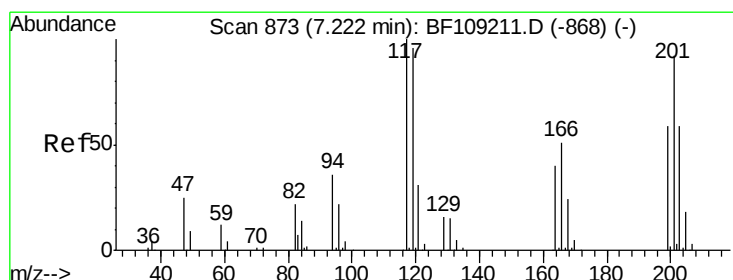
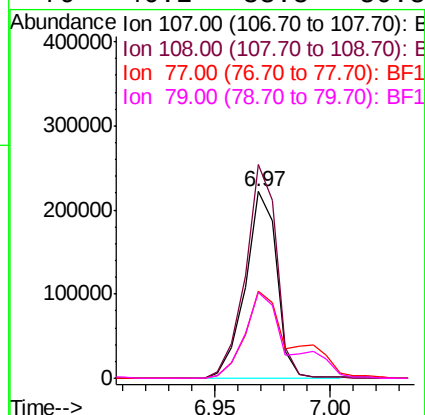
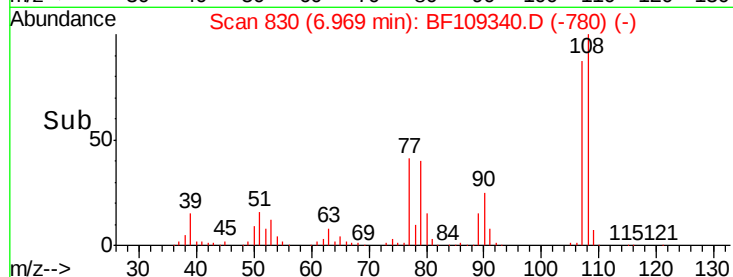
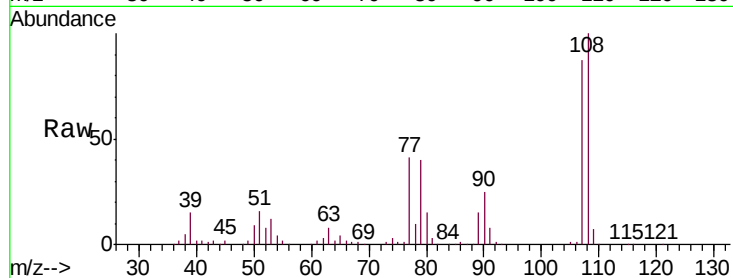




#17
2-Methylphenol
Concen: 36.708 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109340.D
Acq: 26 Sep 2018 16:53

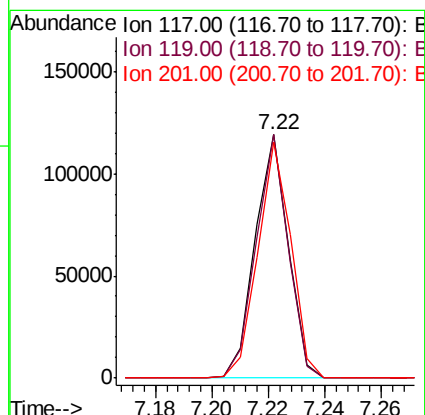
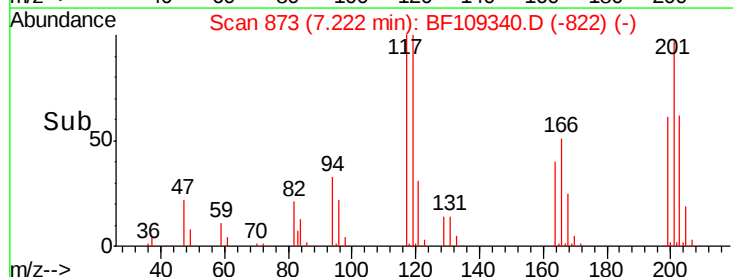
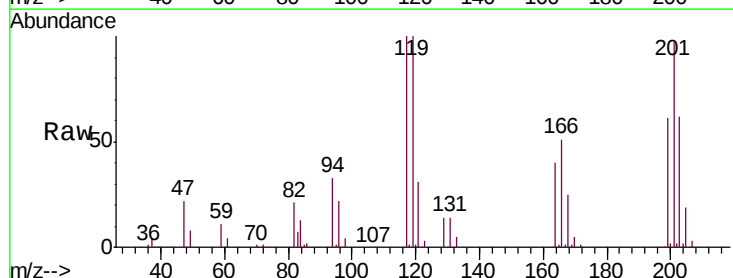
Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MSD

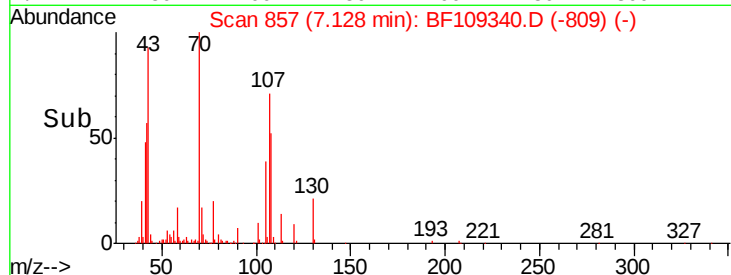
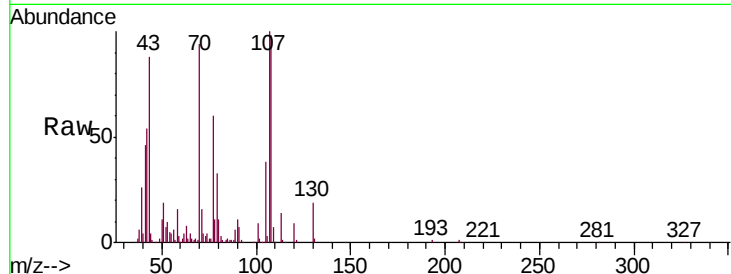
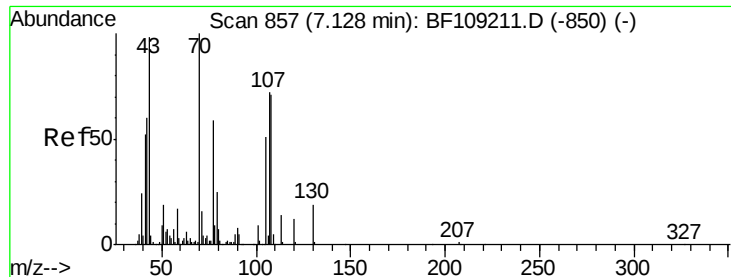
Tgt Ion:	107	Resp:	211803
Ion	Ratio	Lower	Upper
107	100		
108	114.6	91.7	137.5
77	46.9	33.8	50.8
79	46.2	33.8	50.8



#18
Hexachloroethane
Concen: 33.114 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF109340.D
Acq: 26 Sep 2018 16:53

Tgt Ion:	117	Resp:	96500
Ion	Ratio	Lower	Upper
117	100		
119	99.8	75.8	113.8
201	96.9	75.7	113.5

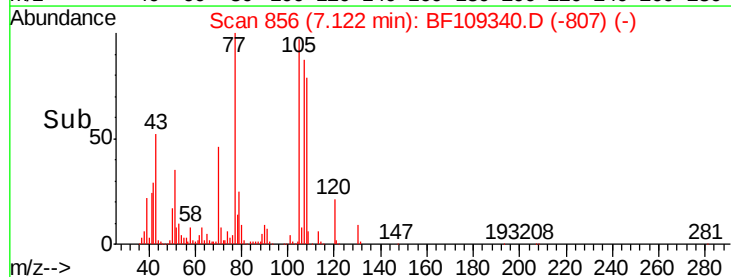
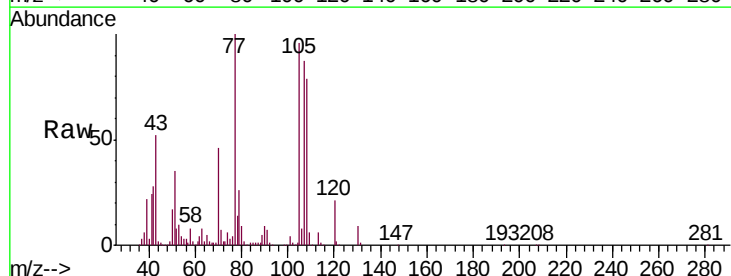
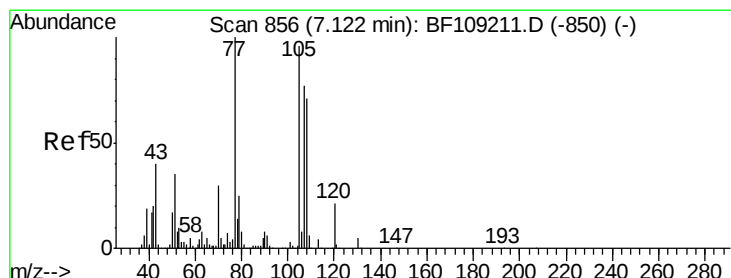
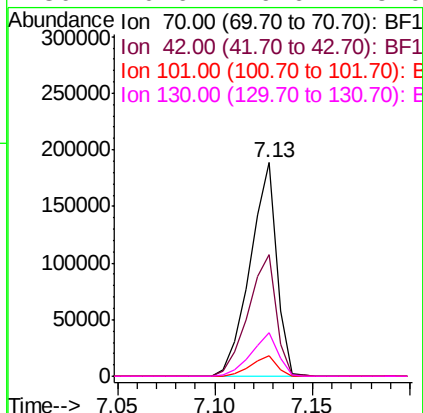




#19
n-Nitroso-di-n-propylamine
Concen: 33.308 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109340.D
Acq: 26 Sep 2018 16:53

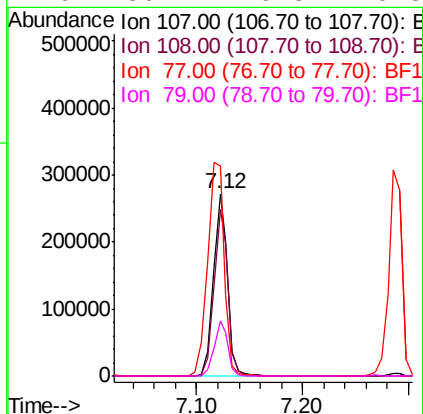
Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MSD

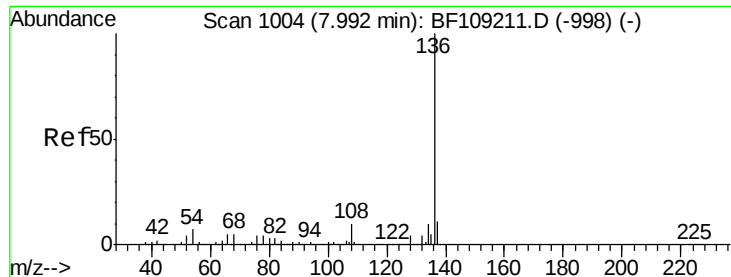
Tgt Ion:	70	Resp:	178592
Ion	Ratio	Lower	Upper
70	100		
42	56.9	47.5	71.3
101	9.5	7.4	11.2
130	20.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.927 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109340.D
Acq: 26 Sep 2018 16:53

Tgt Ion:	107	Resp:	257244
Ion	Ratio	Lower	Upper
107	100		
108	91.5	68.2	108.2
77	115.1	26.7	66.7#
79	30.1	6.3	46.3

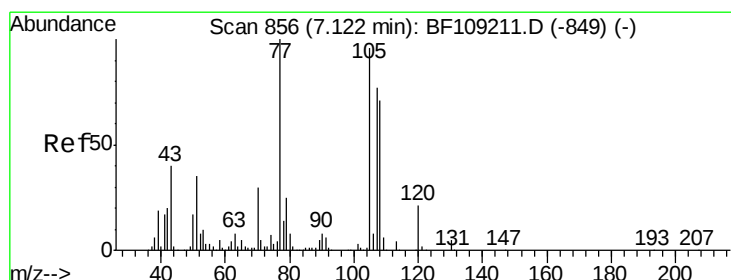
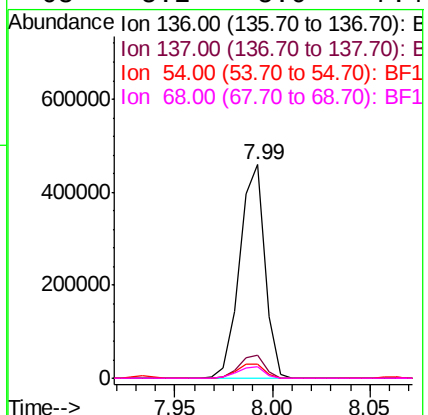
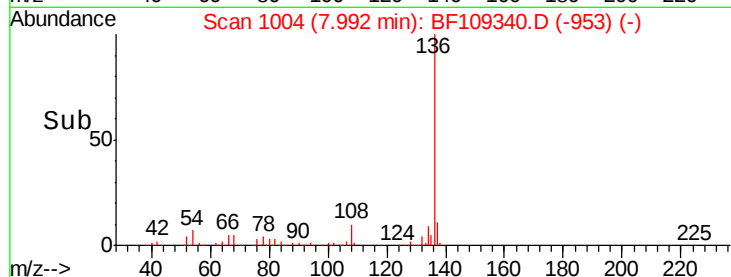
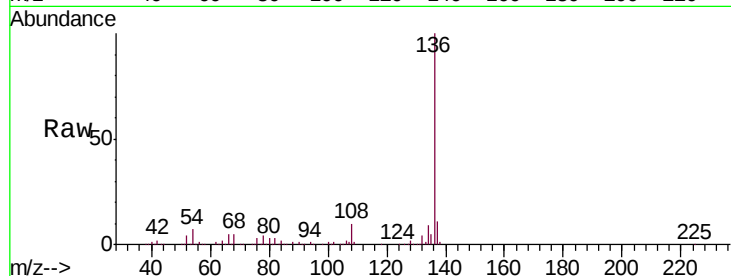




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109340.D
Acq: 26 Sep 2018 16:53

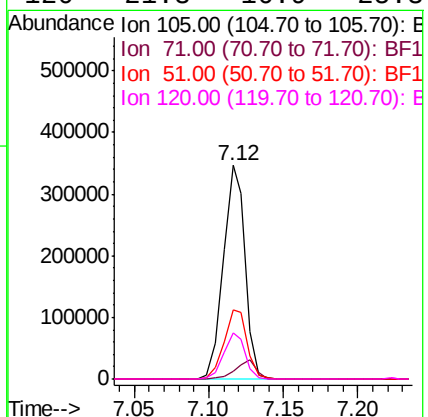
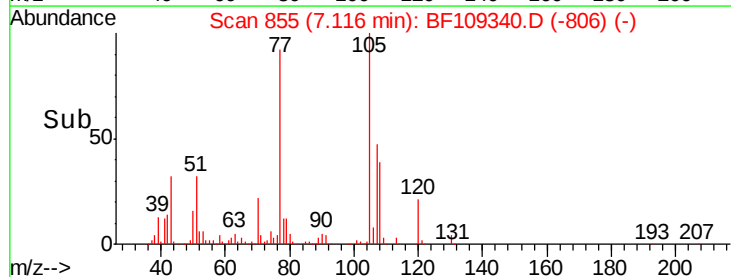
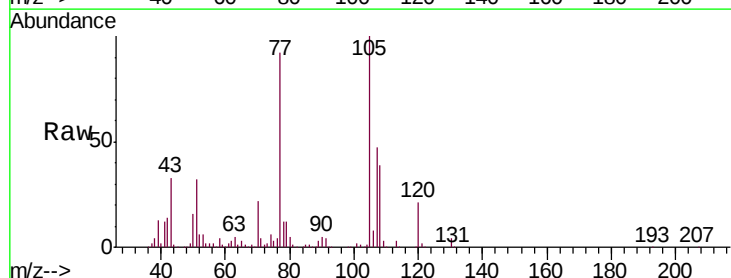
Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MSD

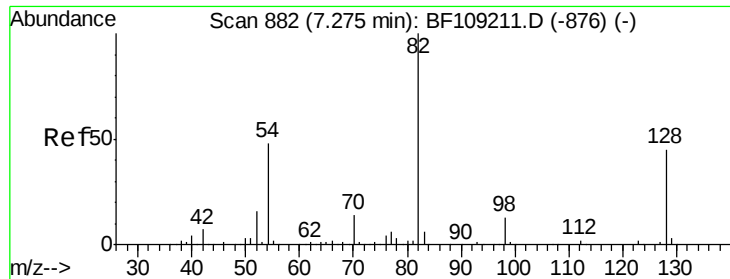
Tgt Ion:	136	Resp:	412347
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.5	6.6	9.8#
68	5.2	5.0	7.4



#22
Acetophenone
Concen: 37.467 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109340.D
Acq: 26 Sep 2018 16:53

Tgt Ion:	105	Resp:	357188
Ion	Ratio	Lower	Upper
105	100		
71	3.7	4.4	6.6#
51	32.4	22.3	33.5
120	21.3	16.9	25.3

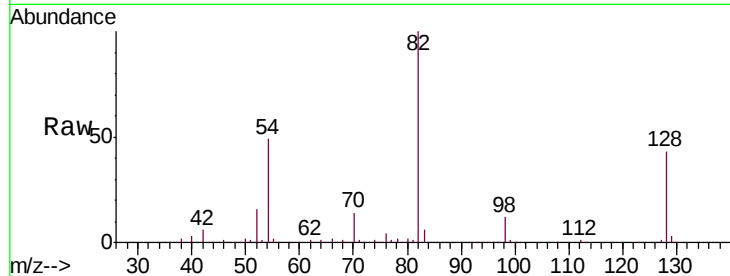




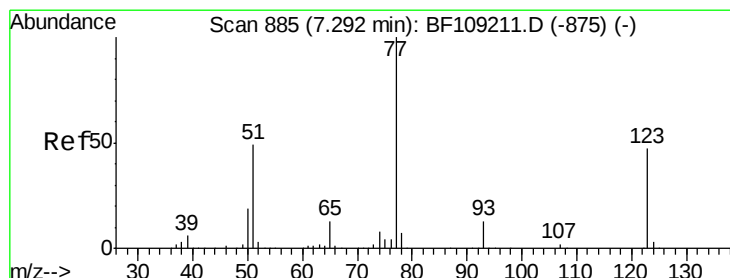
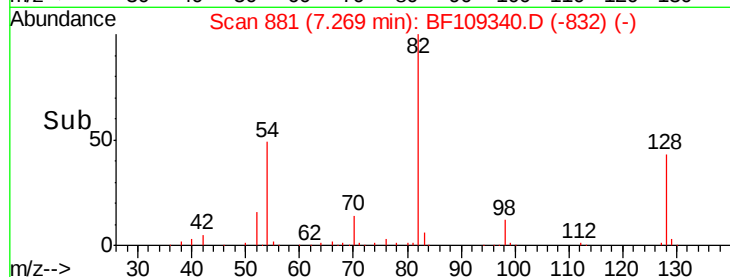
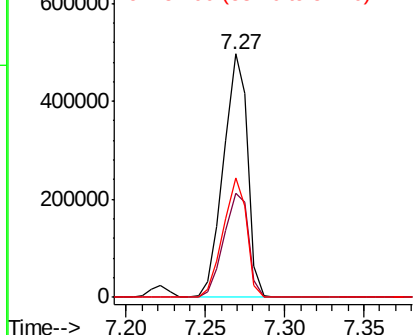
#23
 Nitrobenzene-d5
 Concen: 74.960 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MSD

Tgt Ion: 82 Resp: 523609
 Ion Ratio Lower Upper
 82 100
 128 43.0 36.1 54.1
 54 49.1 41.4 62.2

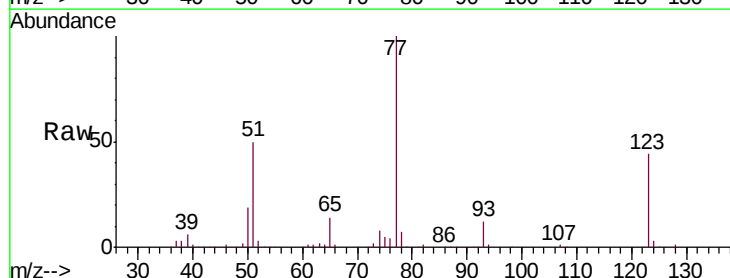


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

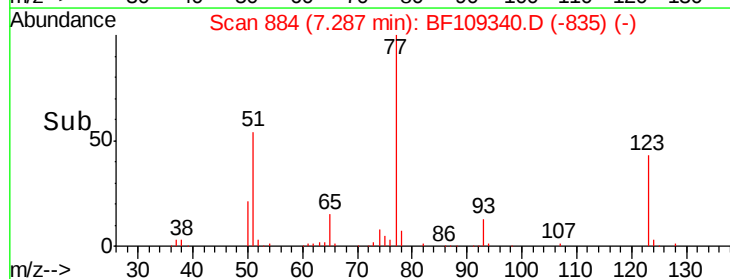
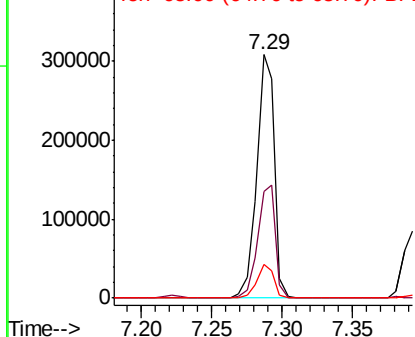


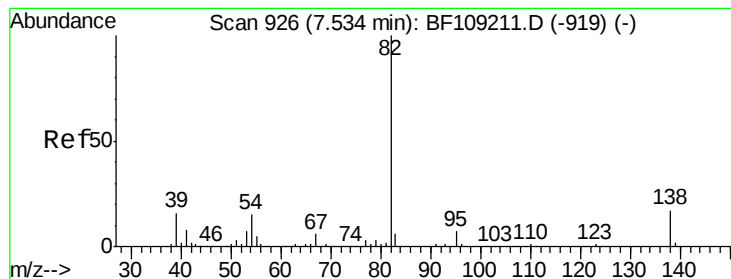
#24
 Nitrobenzene
 Concen: 36.718 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

Tgt Ion: 77 Resp: 272707
 Ion Ratio Lower Upper
 77 100
 123 43.9 37.9 56.9
 65 13.6 11.0 16.4



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





#25

Isophorone

Concen: 39.060 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

Instrument :

BNA_F

ClientSampleId :

CS-RBR-200027MSD

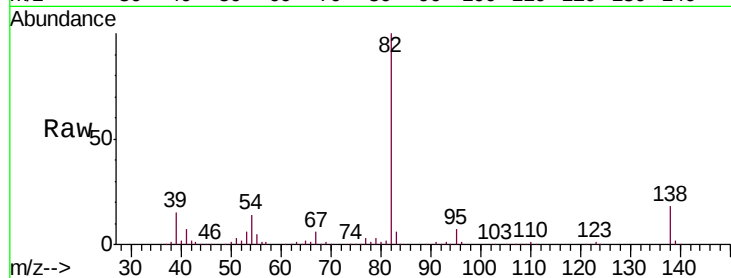
Tgt Ion: 82 Resp: 491323

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

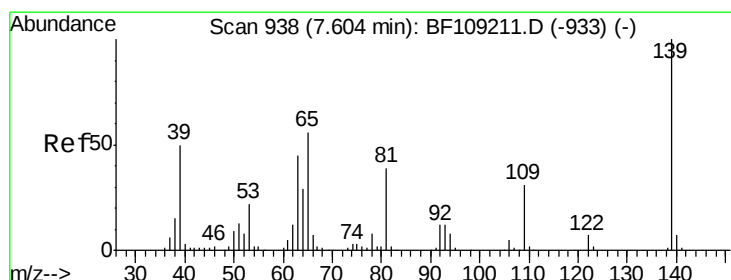
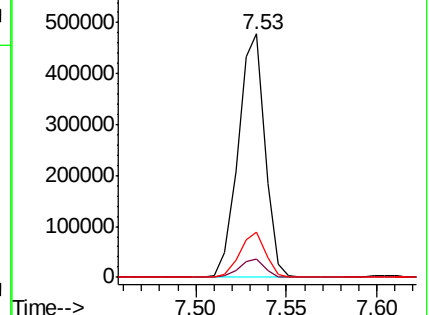
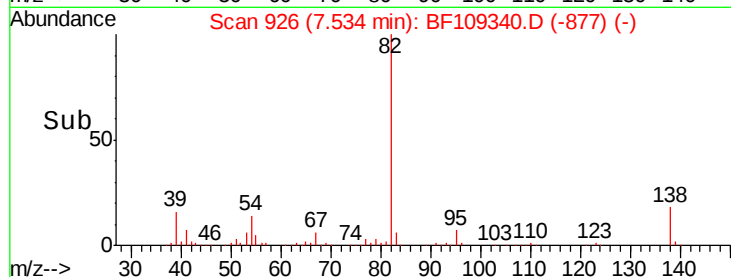
138 18.3 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.464 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

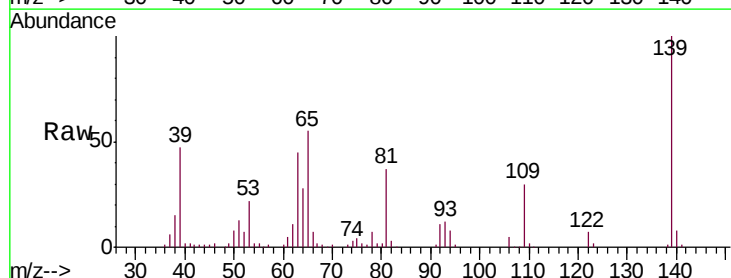
Tgt Ion: 139 Resp: 130600

Ion Ratio Lower Upper

139 100

109 30.3 22.7 34.1

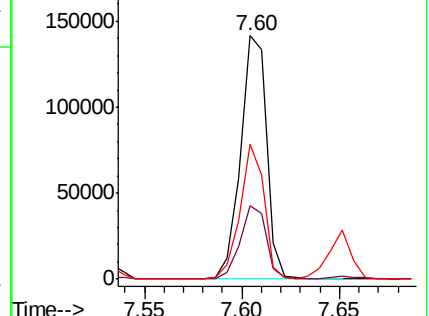
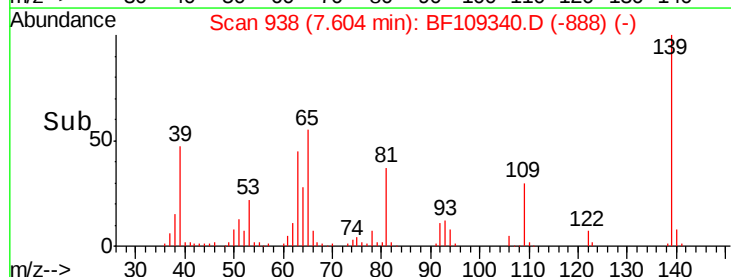
65 55.1 40.5 60.7

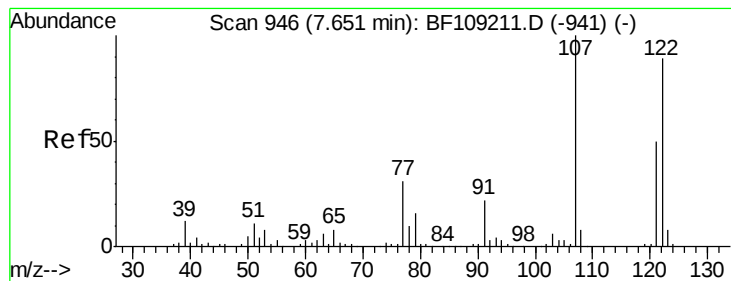


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 42.290 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

Instrument :

BNA_F

ClientSampleId :

CS-RBR-200027MSD

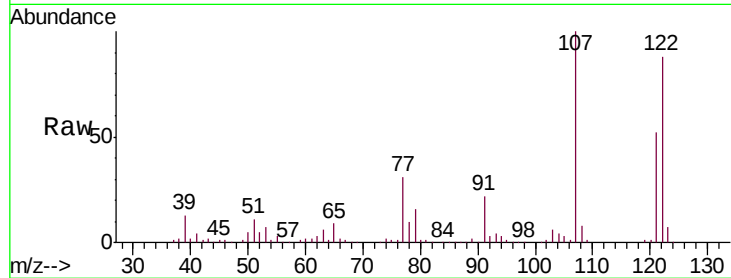
Tgt Ion: 122 Resp: 231782

Ion Ratio Lower Upper

122 100

107 114.2 91.2 136.8

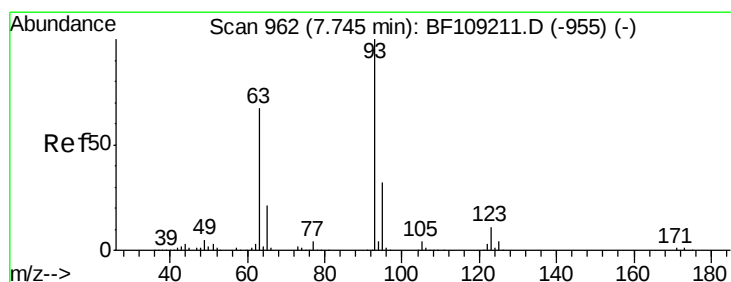
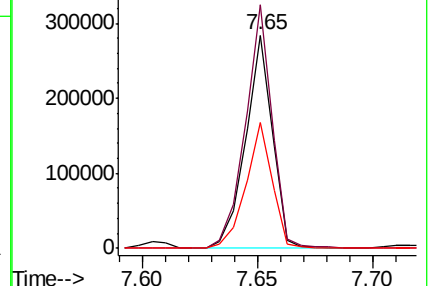
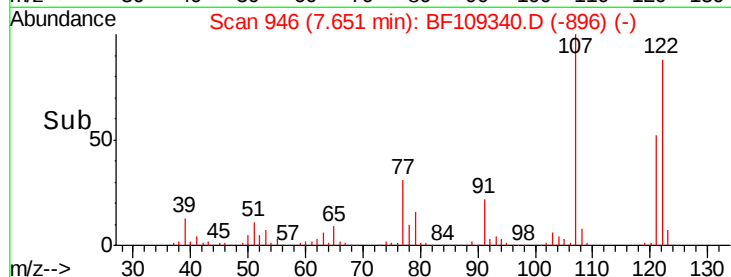
121 59.2 47.2 70.8



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: 36.768 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

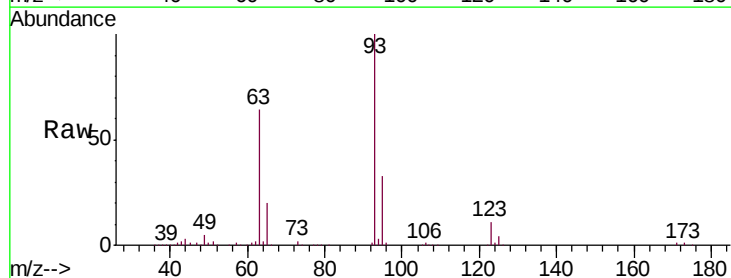
Tgt Ion: 93 Resp: 306153

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

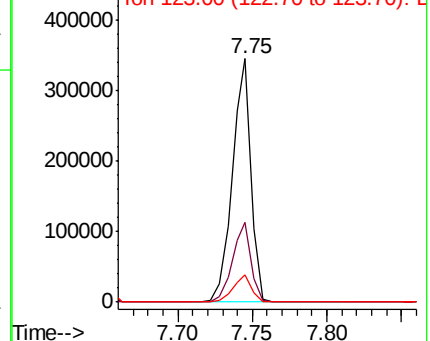
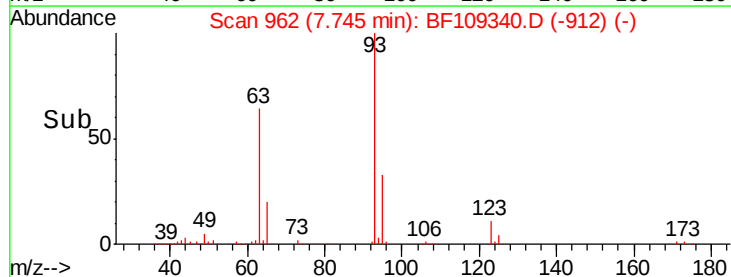
123 11.3 9.8 14.6

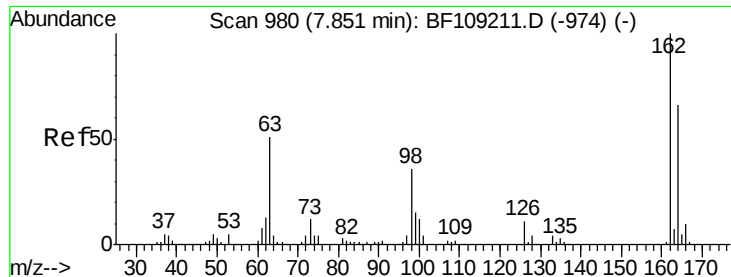


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

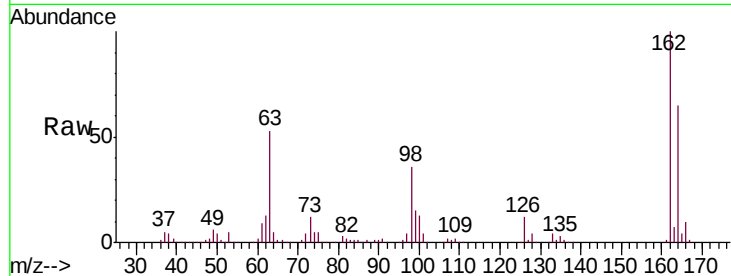




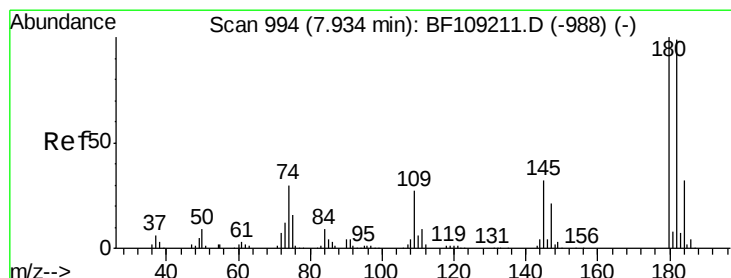
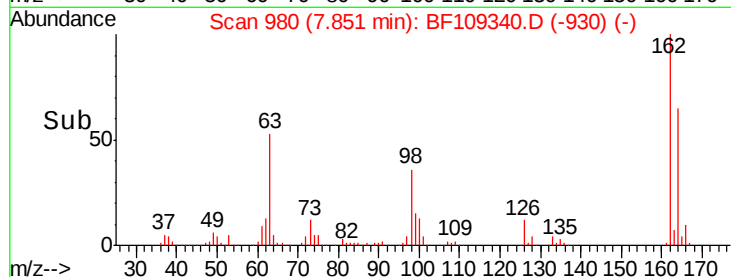
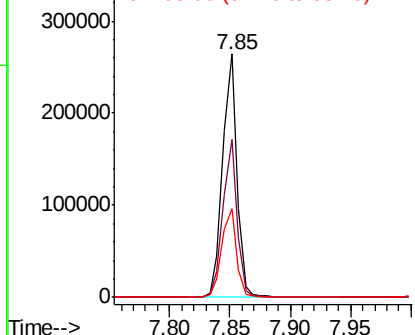
#29
 2,4-Dichlorophenol
 Concen: 37.757 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	42.7	82.7
98	36.3	18.1	58.1

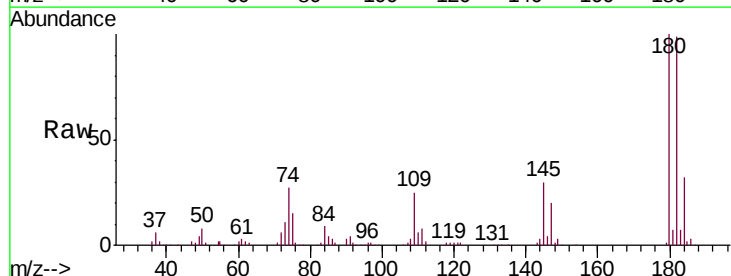


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

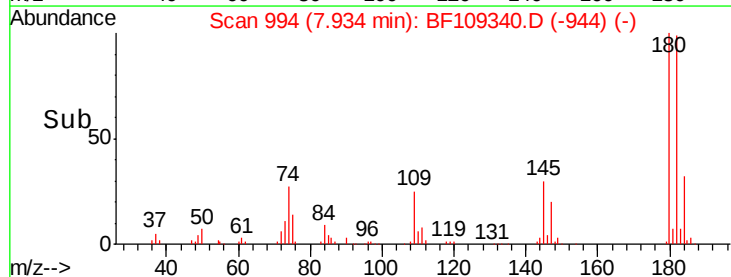
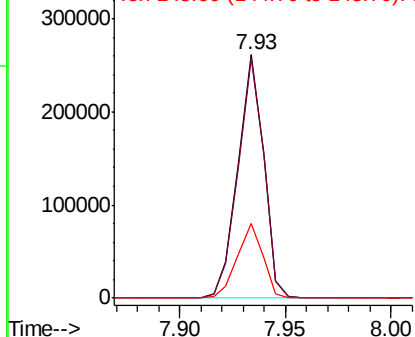


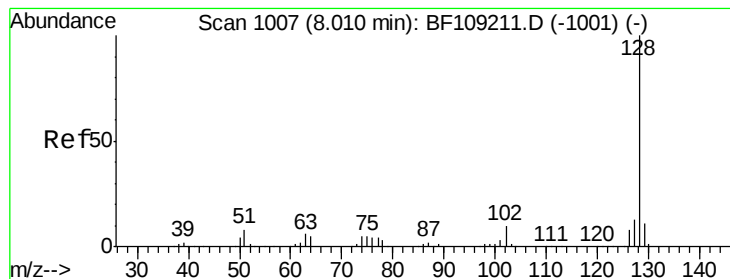
#30
 1,2,4-Trichlorobenzene
 Concen: 34.186 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	76.8	115.2
145	30.4	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: 37.702 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

Instrument :

BNA_F

ClientSampleId :

CS-RBR-200027MSD

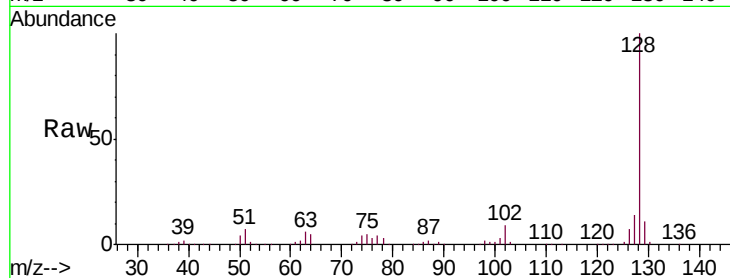
Tgt Ion:128 Resp: 726484

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

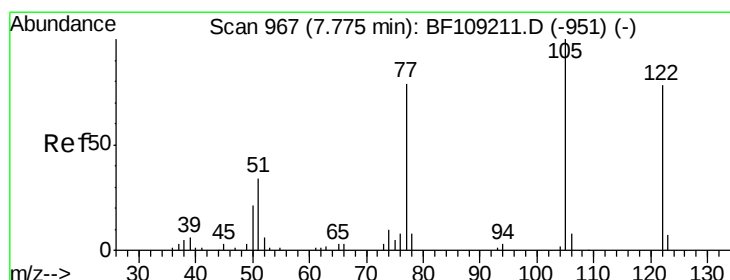
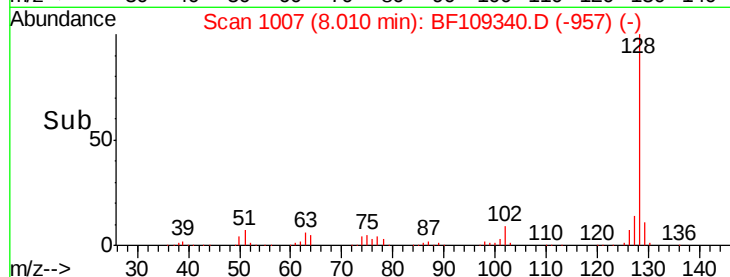
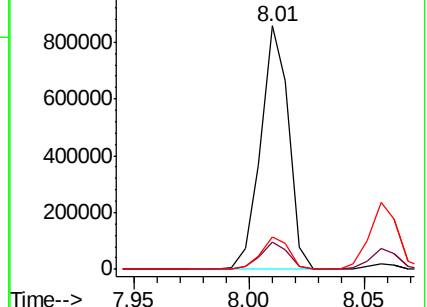
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 60.217 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.17 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

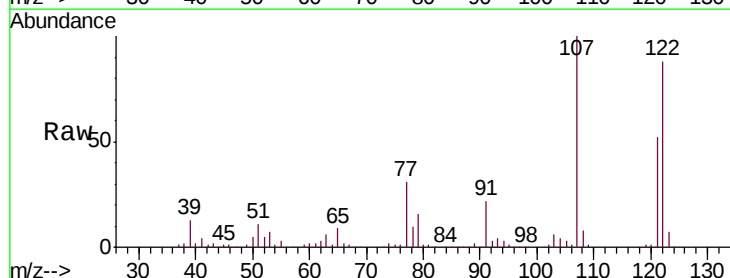
Tgt Ion:122 Resp: 231782

Ion Ratio Lower Upper

122 100

105 3.7 101.1 141.1#

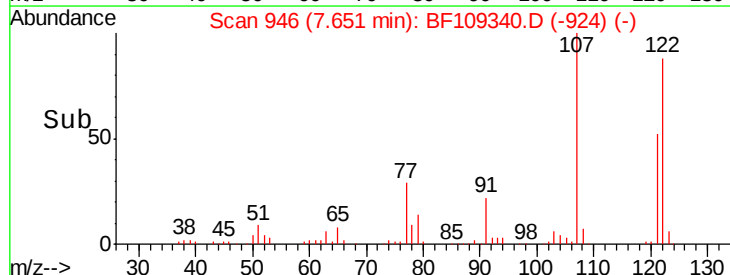
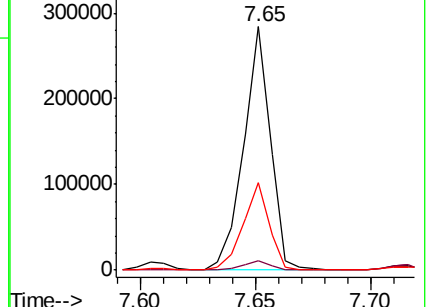
77 35.7 70.7 110.7#

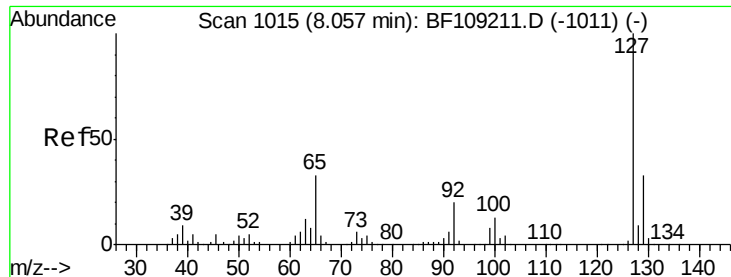


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

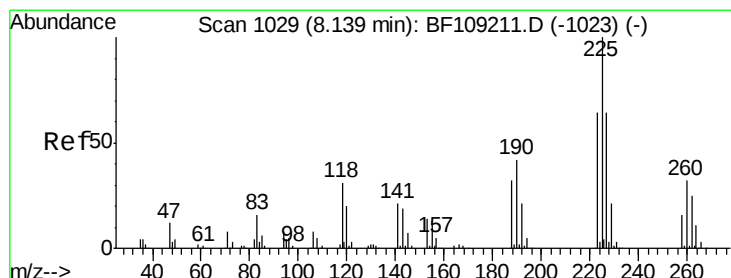
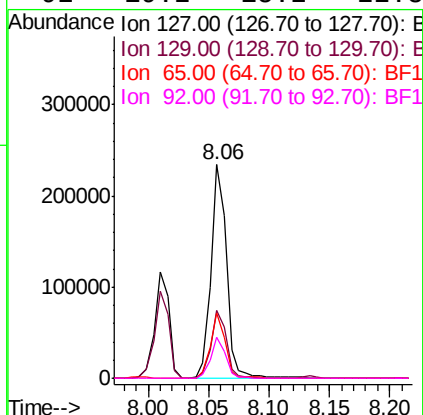
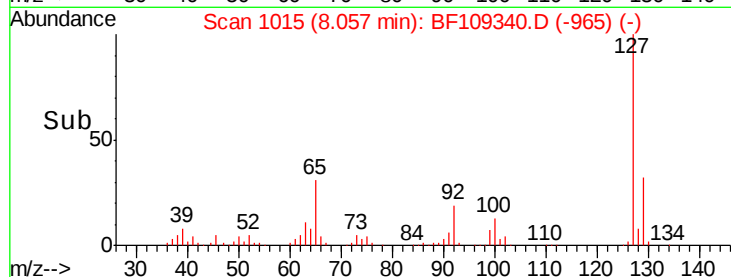
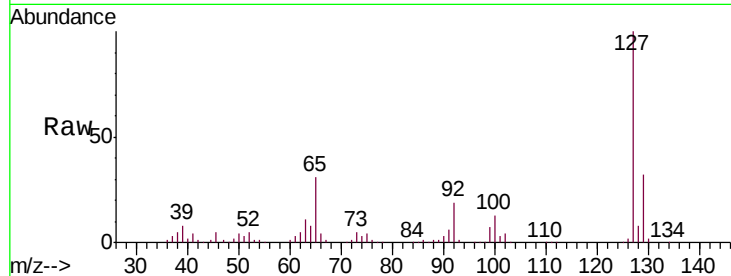




#33
4-Chloroaniline
Concen: 24.717 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF109340.D
Acq: 26 Sep 2018 16:53

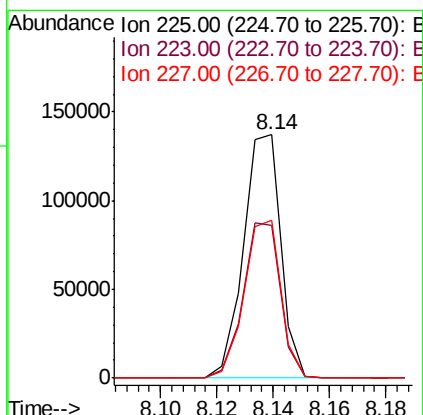
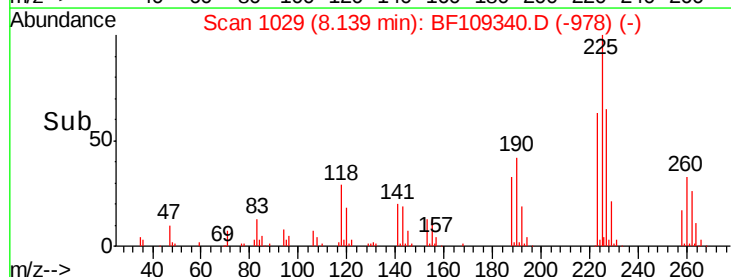
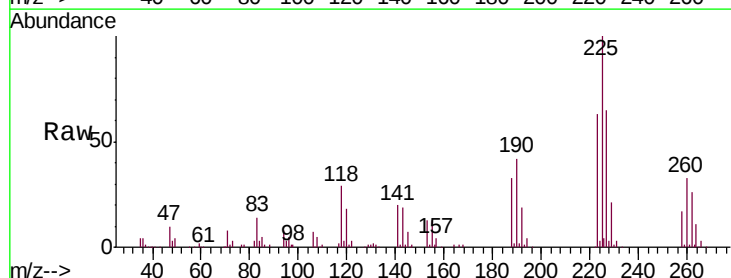
Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MSD

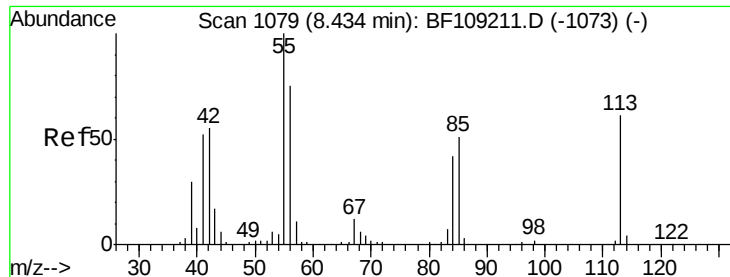
Tgt Ion:	127	Resp:	208060
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	30.7	25.0	37.4
92	19.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 32.465 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF109340.D
Acq: 26 Sep 2018 16:53

Tgt Ion:	225	Resp:	125935
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	64.6	51.9	77.9

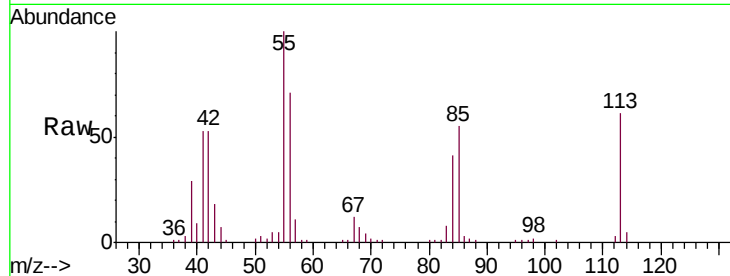




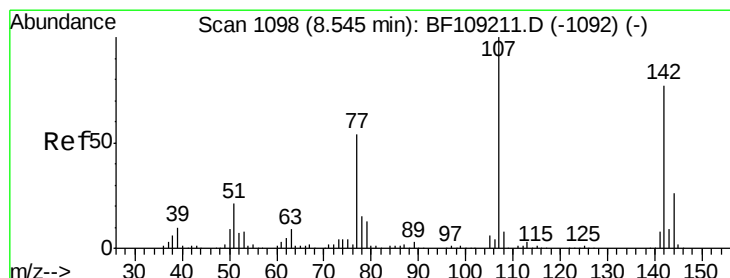
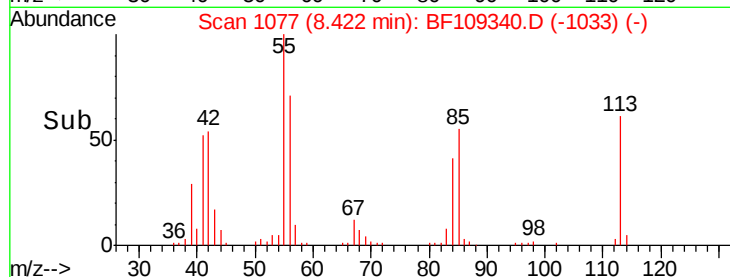
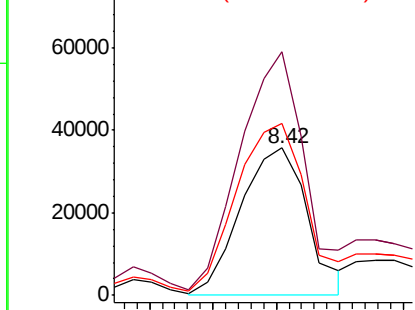
#35
 Caprolactam
 Concen: 28.433 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.04 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MSD

Tgt Ion:113 Resp: 52274
 Ion Ratio Lower Upper
 113 100
 55 165.2 163.3 203.3
 56 116.9 115.7 155.7

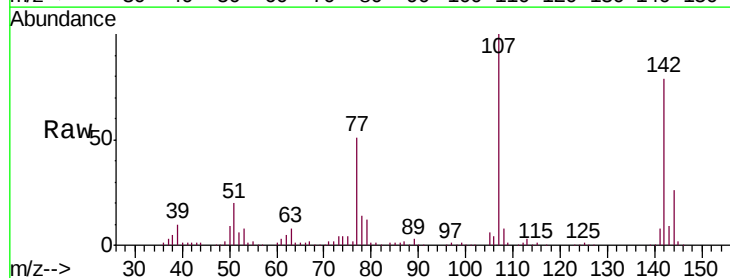


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

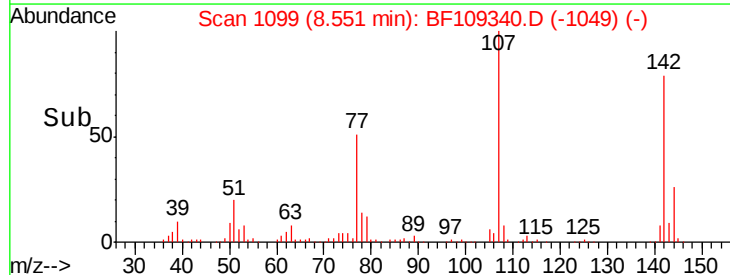
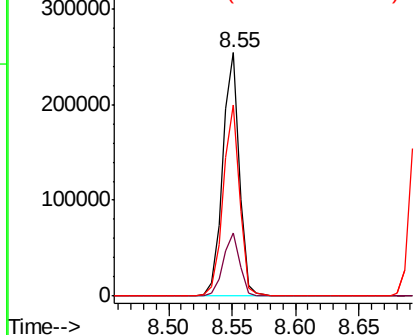


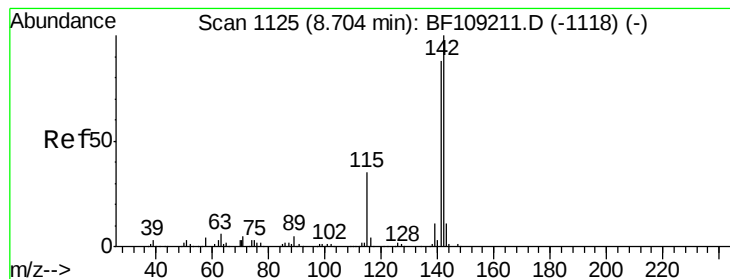
#36
 4-Chloro-3-methylphenol
 Concen: 38.414 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

Tgt Ion:107 Resp: 232771
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.5 30.7
 142 78.7 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: 39.022 ng

RT: 8.70 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

Instrument :

BNA_F

ClientSampleId :

CS-RBR-200027MSD

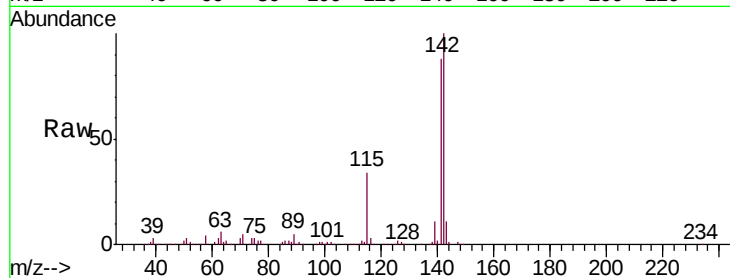
Tgt Ion:142 Resp: 484725

Ion Ratio Lower Upper

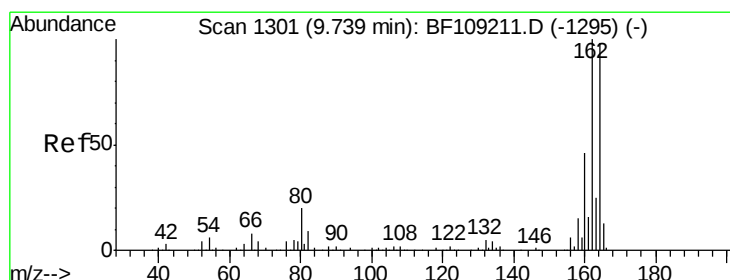
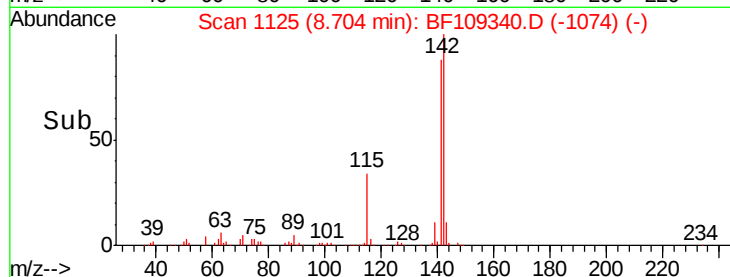
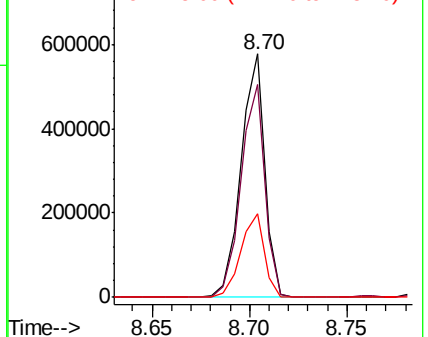
142 100

141 87.5 70.8 106.2

115 34.3 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

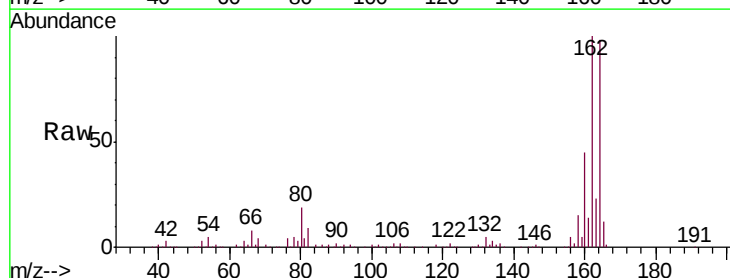
Tgt Ion:164 Resp: 201783

Ion Ratio Lower Upper

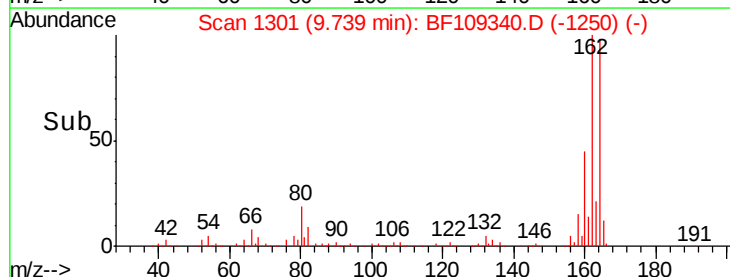
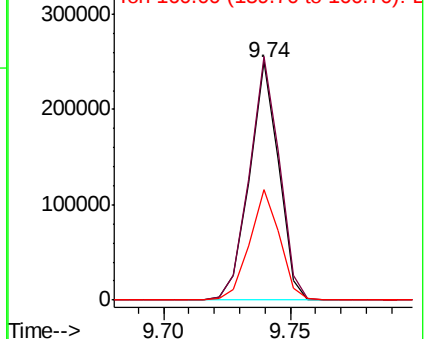
164 100

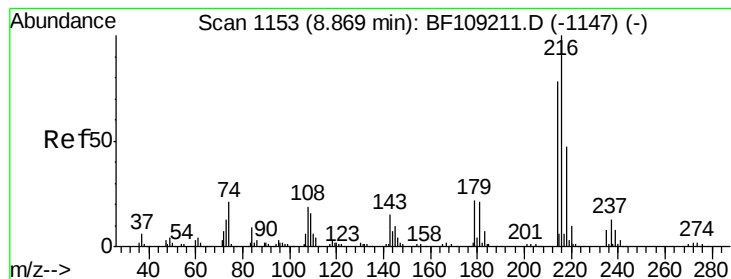
162 102.3 86.1 129.1

160 46.3 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: 33.842 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

Instrument :

BNA_F

ClientSampleId :

CS-RBR-200027MSD

Tgt Ion: 216 Resp: 217328

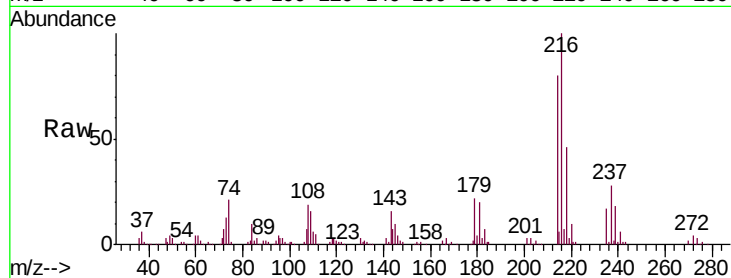
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 20.8 18.1 27.1

108 19.5 17.2 25.8

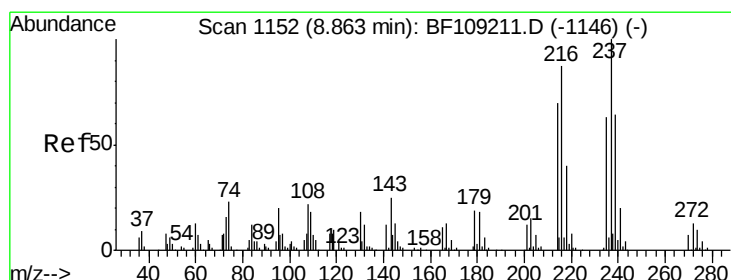
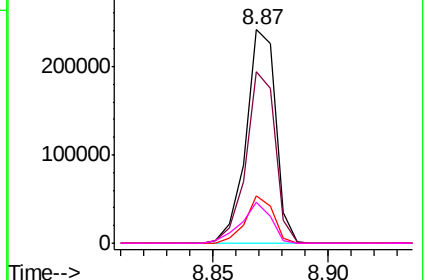
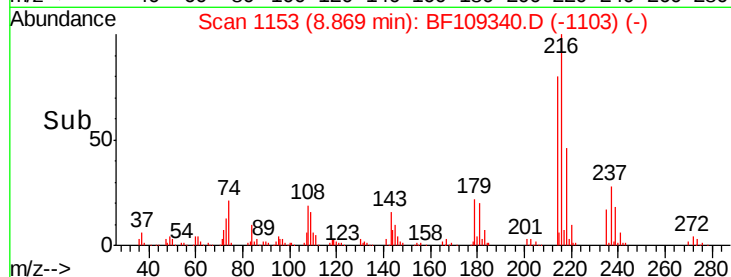


Abundance Ion 216.00 (215.70 to 216.70): E

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: 62.485 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

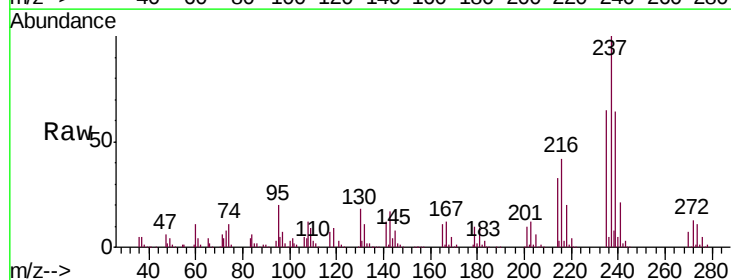
Tgt Ion: 237 Resp: 175020

Ion Ratio Lower Upper

237 100

235 64.8 44.8 84.8

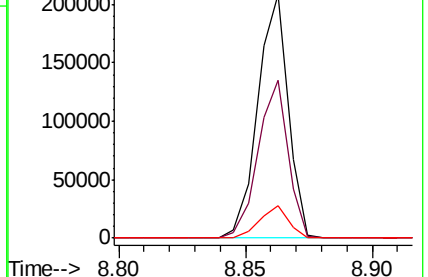
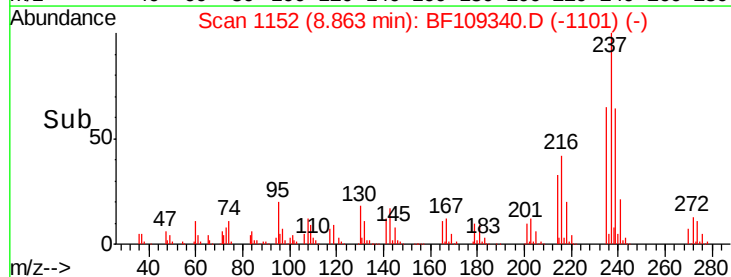
272 13.3 0.0 33.3

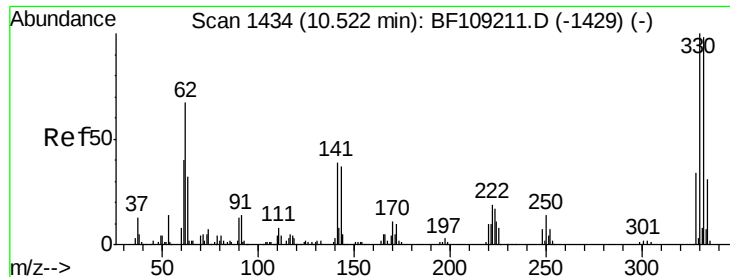


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

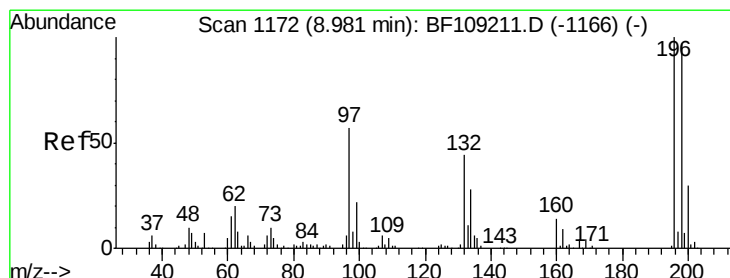
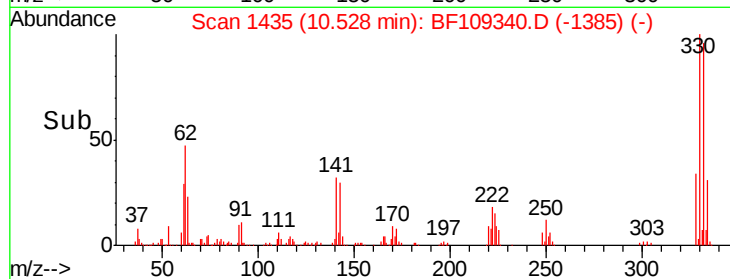
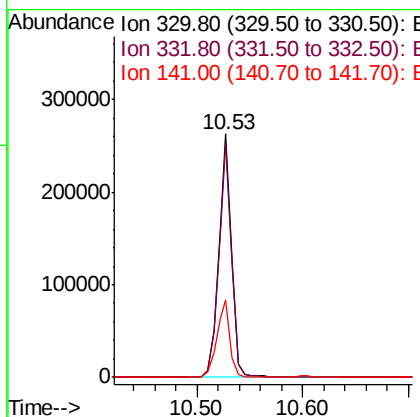
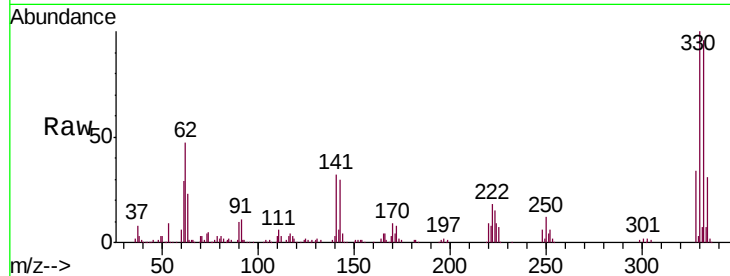




#41
 2,4,6-Tribromophenol
 Concen: 113.830 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

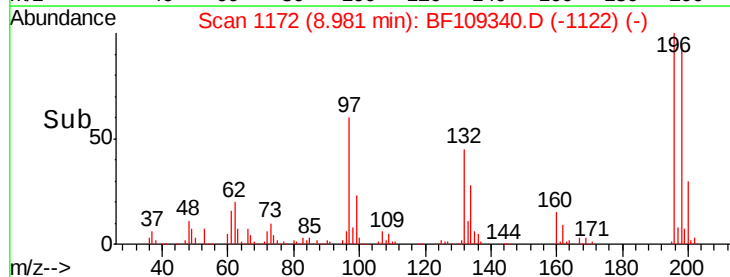
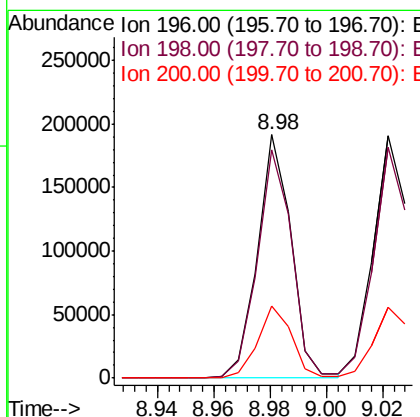
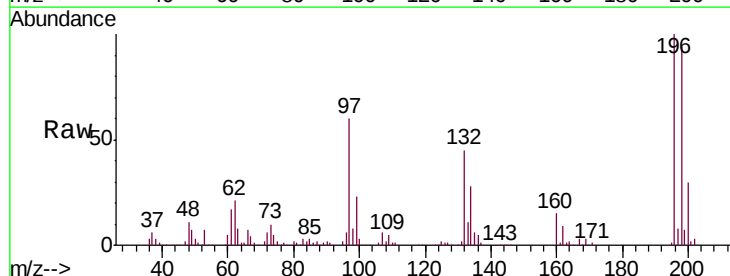
Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MSD

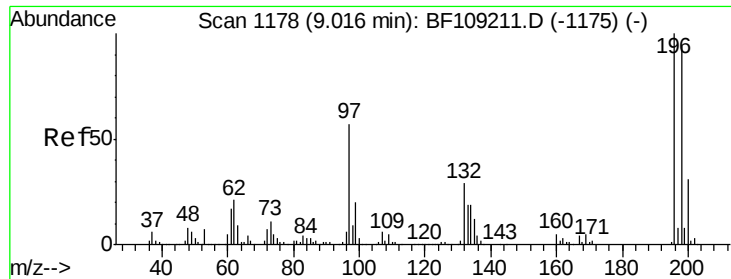
Tgt Ion:330 Resp: 226427
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 32.5 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 38.490 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

Tgt Ion:196 Resp: 158637
 Ion Ratio Lower Upper
 196 100
 198 93.7 75.7 113.5
 200 29.7 24.5 36.7

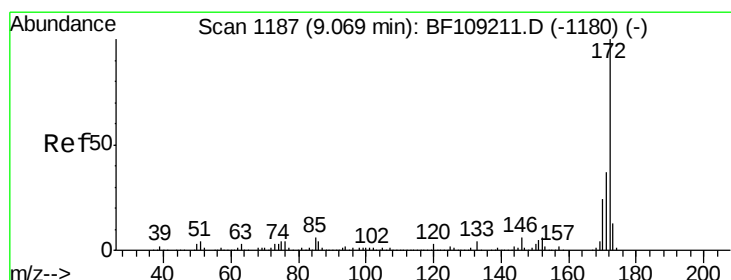
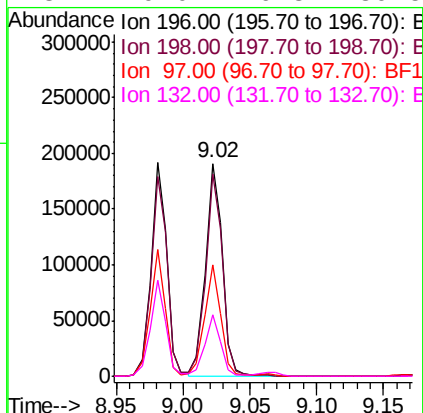
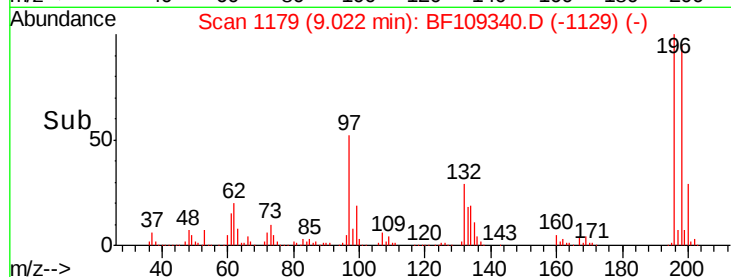
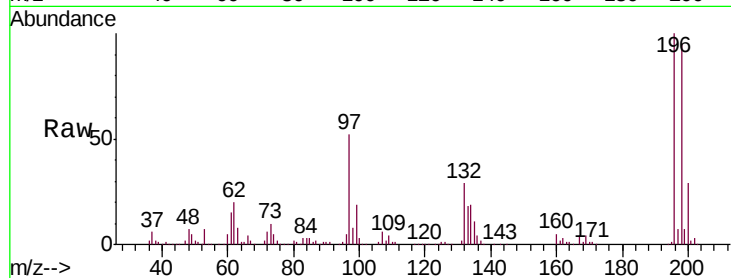




#43
 2,4,5-Trichlorophenol
 Concen: 38.941 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

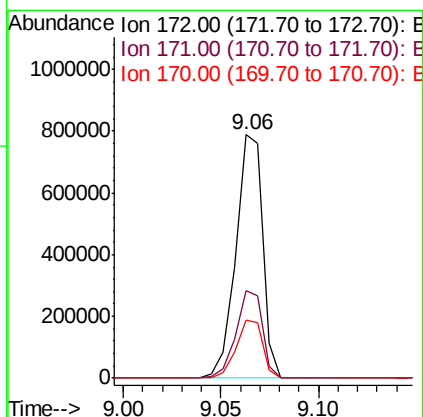
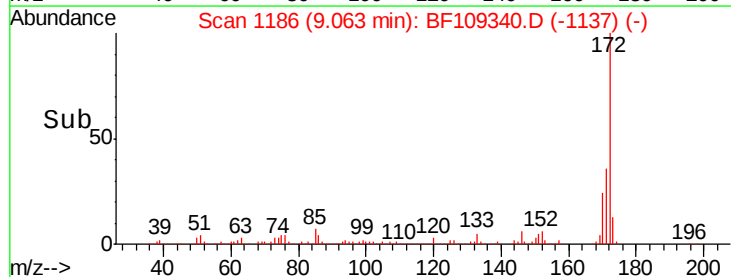
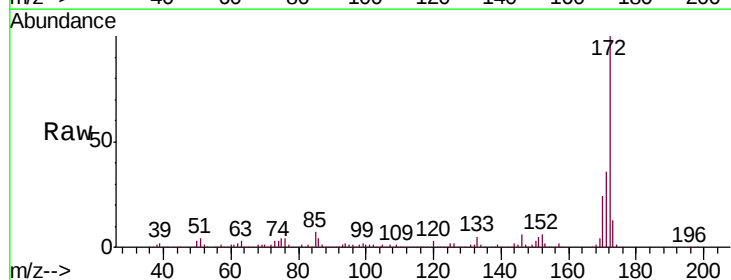
Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MSD

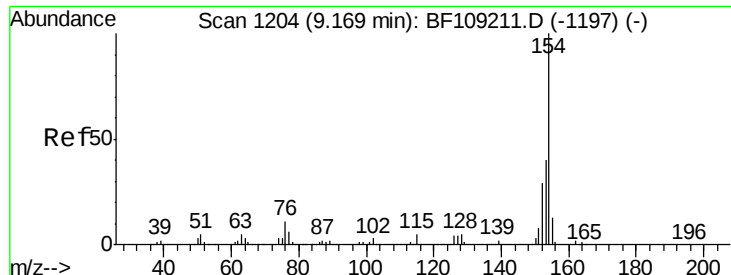
Tgt Ion:	196	Resp:	169508
Ion	Ratio	Lower	Upper
196	100		
198	94.9	74.6	112.0
97	52.3	42.9	64.3
132	29.0	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 55.993 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

Tgt Ion:	172	Resp:	749137
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.7	19.6	29.4

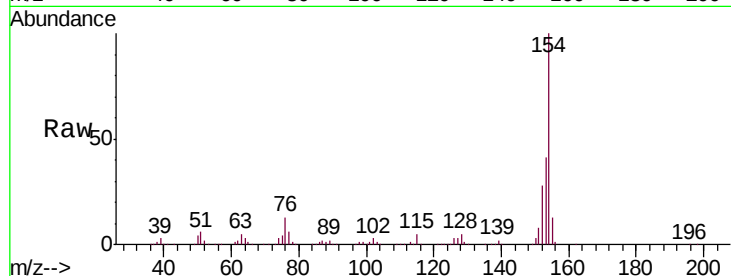




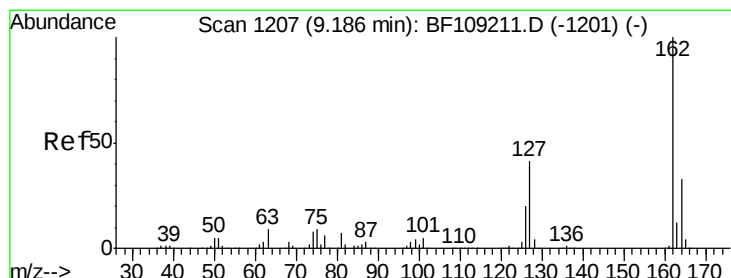
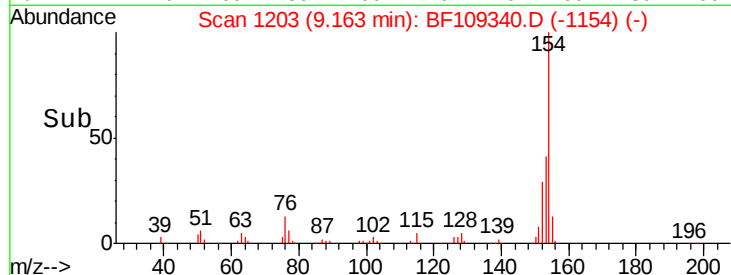
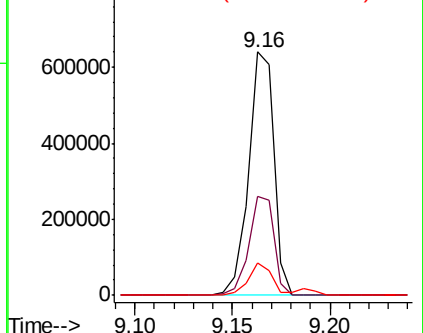
#45
 1,1'-Biphenyl
 Concen: 34.877 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MSD

Tgt Ion:154 Resp: 573387
 Ion Ratio Lower Upper
 154 100
 153 40.6 21.3 61.3
 76 13.5 0.0 34.0

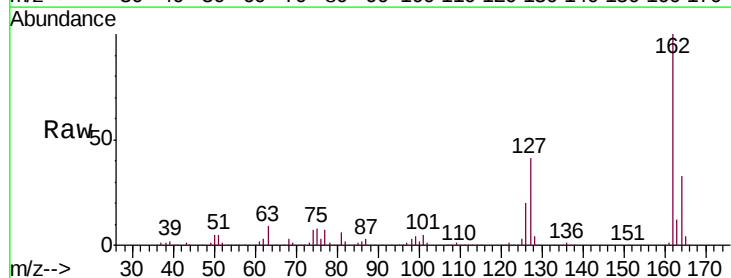


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

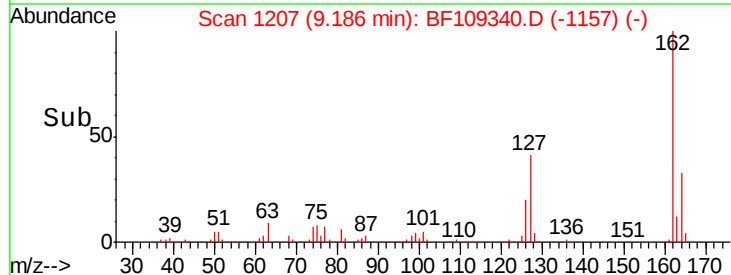
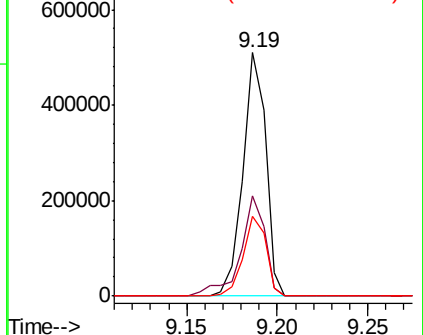


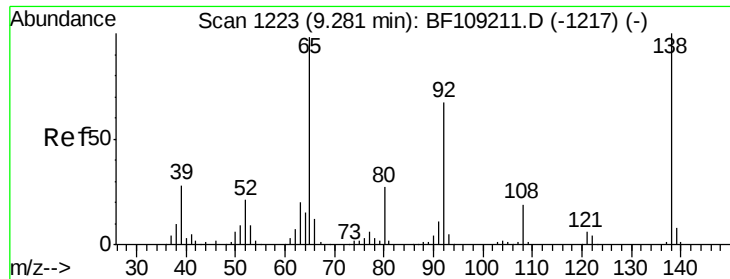
#46
 2-Chloronaphthalene
 Concen: 33.933 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

Tgt Ion:162 Resp: 445670
 Ion Ratio Lower Upper
 162 100
 127 41.0 33.9 50.9
 164 32.9 26.5 39.7



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

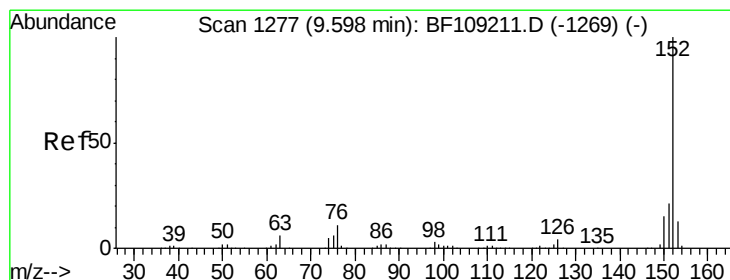
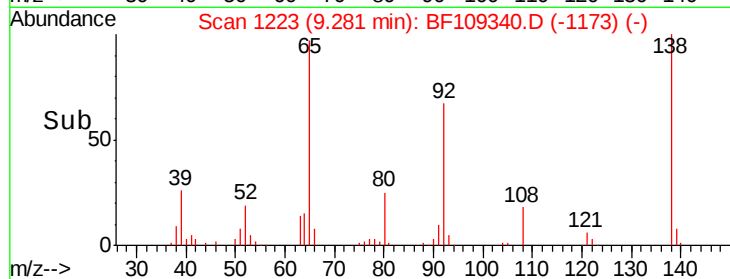
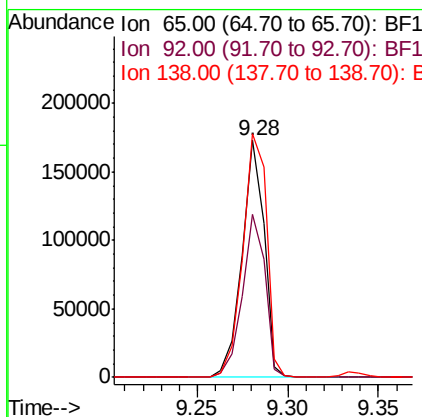
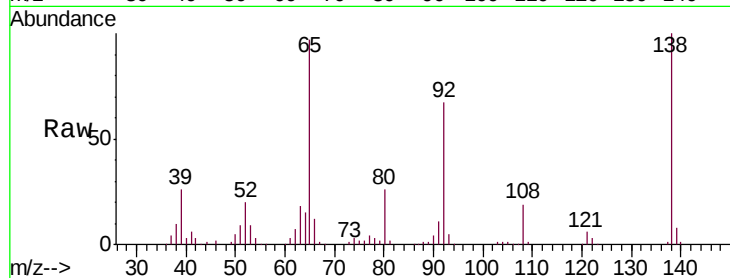




#47
 2-Nitroaniline
 Concen: 39.507 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

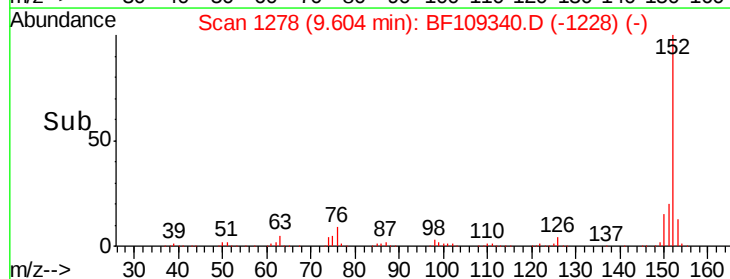
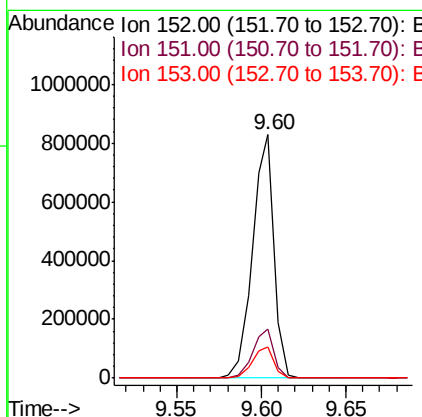
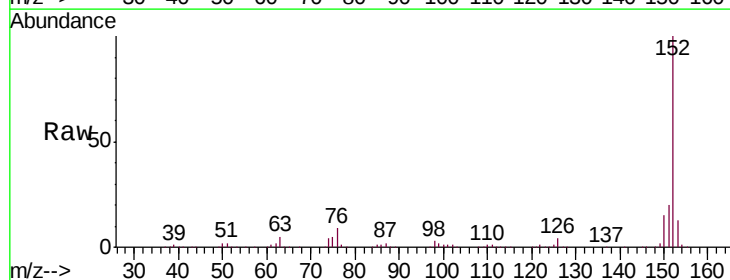
Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MSD

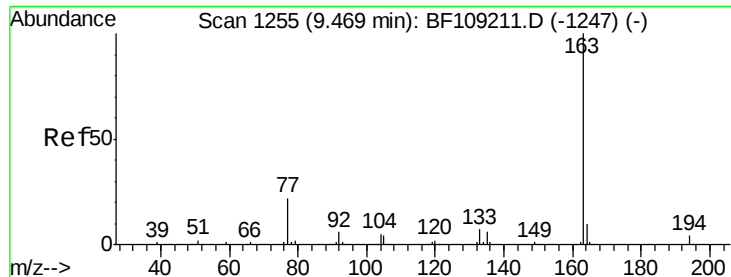
Tgt Ion:	65	Resp:	147115
Ion	Ratio	Lower	Upper
65	100		
92	68.6	55.8	83.6
138	102.7	91.2	136.8



#48
 Acenaphthylene
 Concen: 36.970 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

Tgt Ion:	152	Resp:	732509
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.0	10.7	16.1

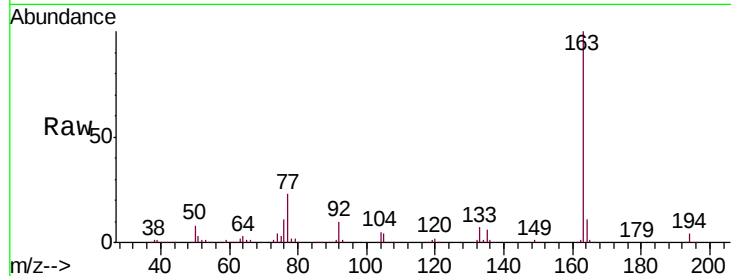




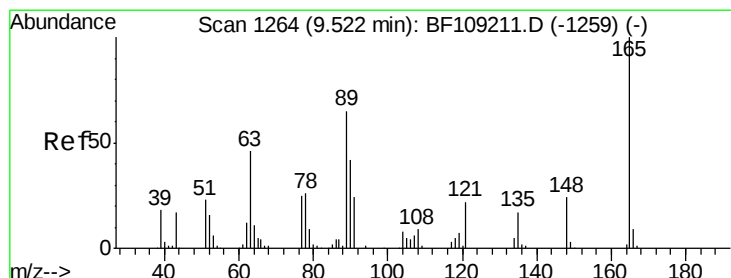
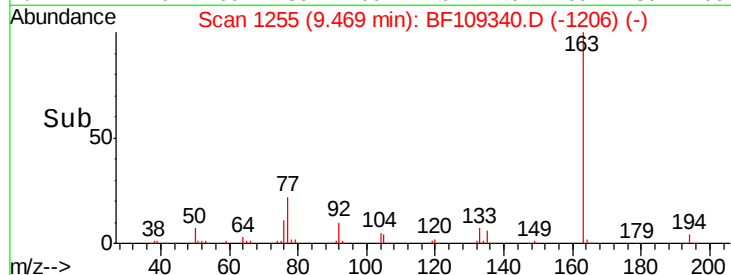
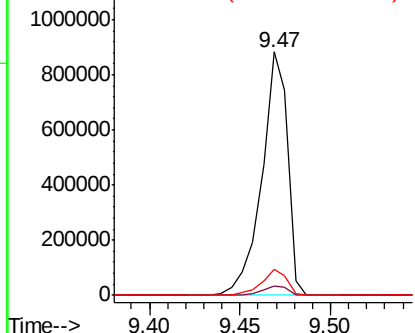
#49
Dimethylphthalate
Concen: 59.387 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109340.D
Acq: 26 Sep 2018 16:53

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MSD

Tgt Ion:163 Resp: 871590
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.6 8.2 12.2

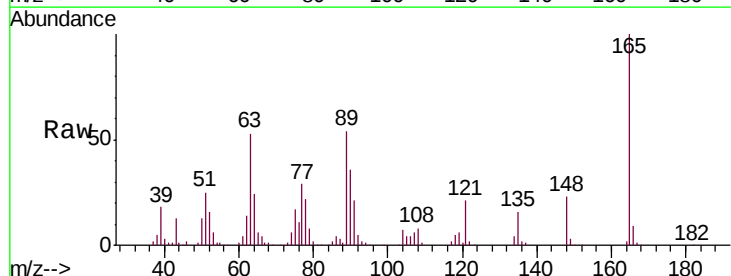


Abundance Ion 163.00 (162.70 to 163.70): E
1200000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

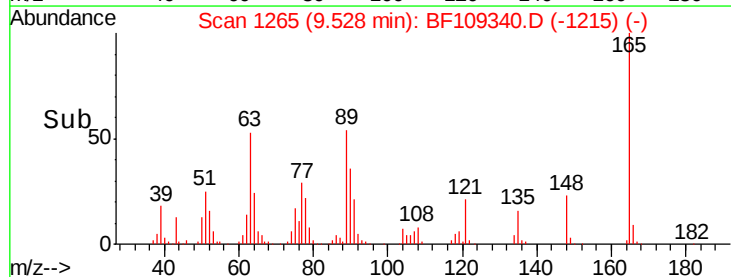
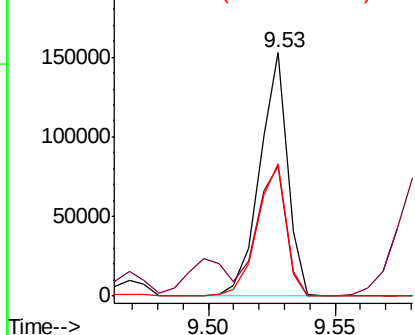


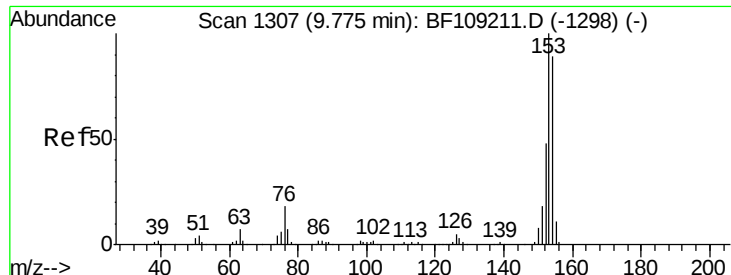
#50
2,6-Dinitrotoluene
Concen: 40.525 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF109340.D
Acq: 26 Sep 2018 16:53

Tgt Ion:165 Resp: 117794
Ion Ratio Lower Upper
165 100
63 53.1 44.7 67.1
89 54.3 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
200000
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 36.102 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

Instrument :

BNA_F

ClientSampleId :

CS-RBR-200027MSD

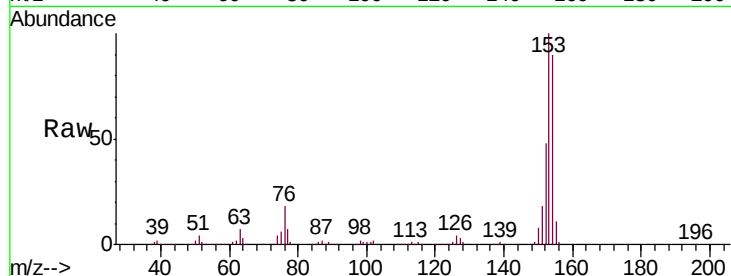
Tgt Ion:154 Resp: 432477

Ion Ratio Lower Upper

154 100

153 111.5 91.2 136.8

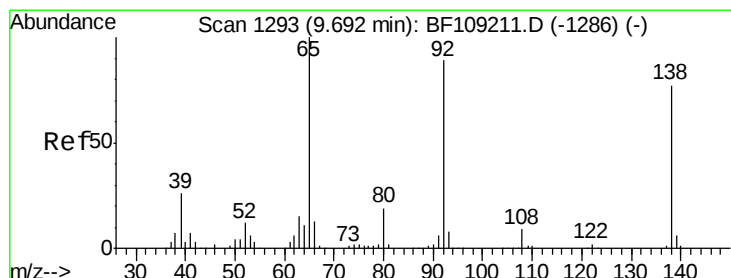
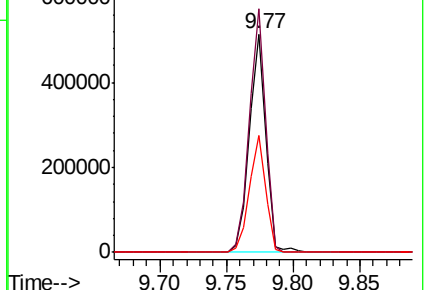
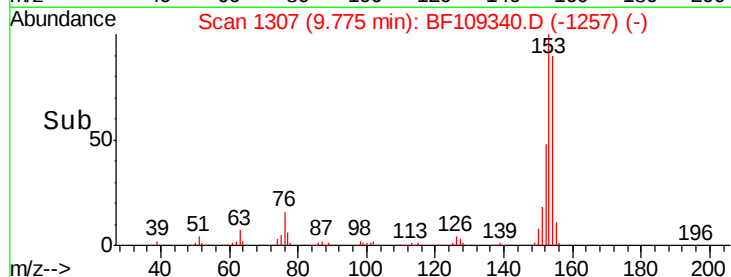
152 53.7 43.8 65.8



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: 32.536 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

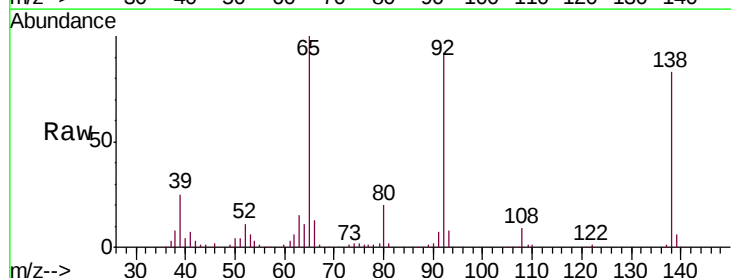
Tgt Ion:138 Resp: 109523

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

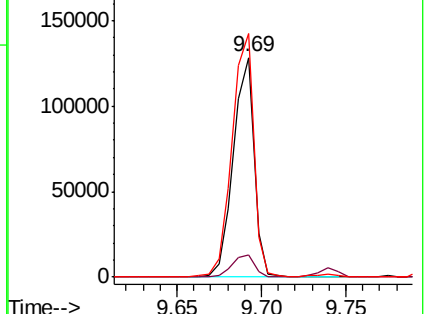
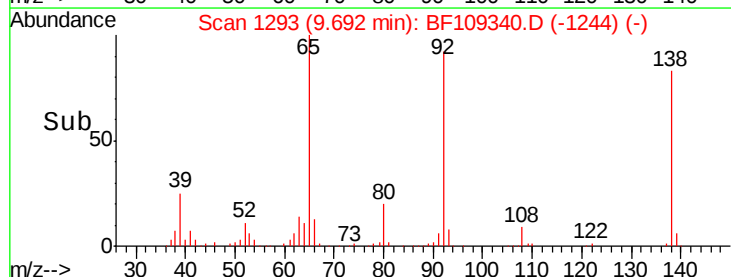
92 111.0 89.4 134.2

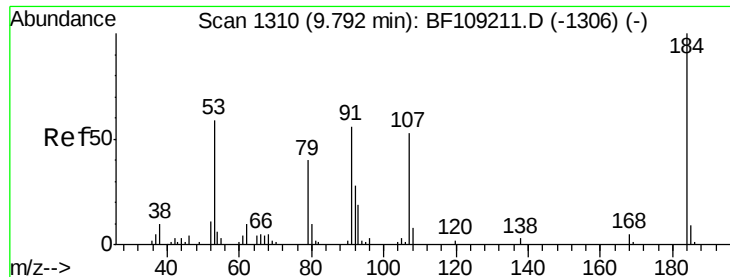


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

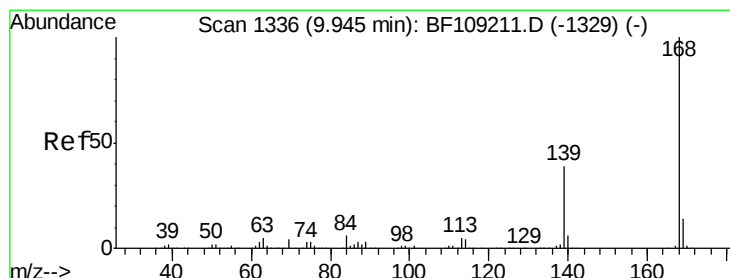
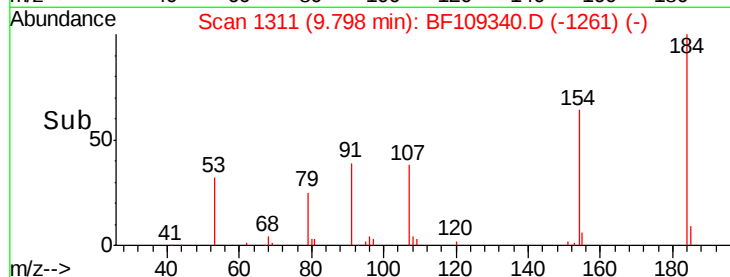
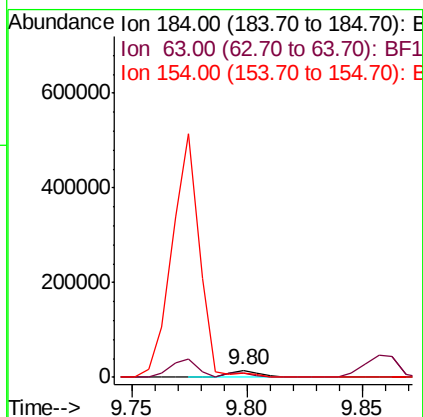
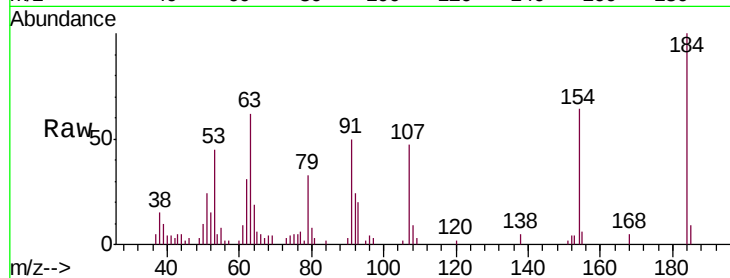




#53
2,4-Dinitrophenol
Concen: 20.084 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF109340.D
Acq: 26 Sep 2018 16:53

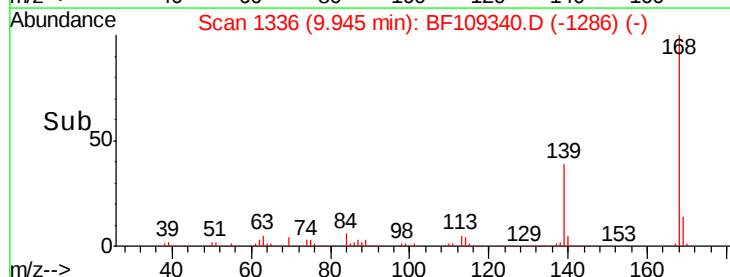
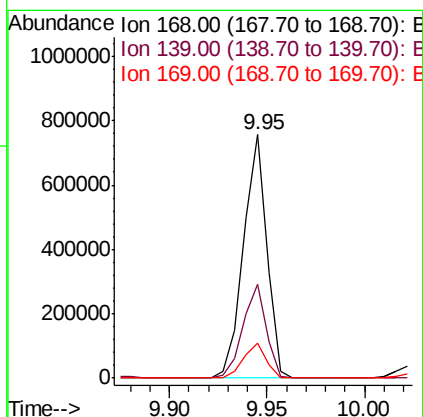
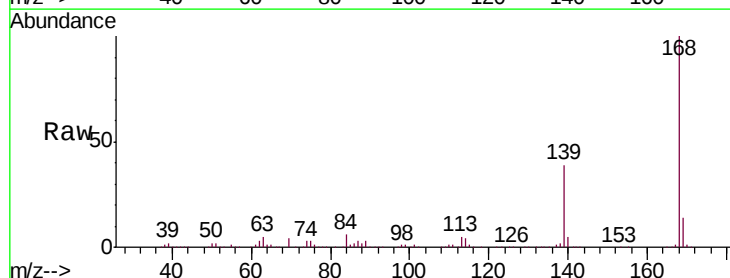
Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MSD

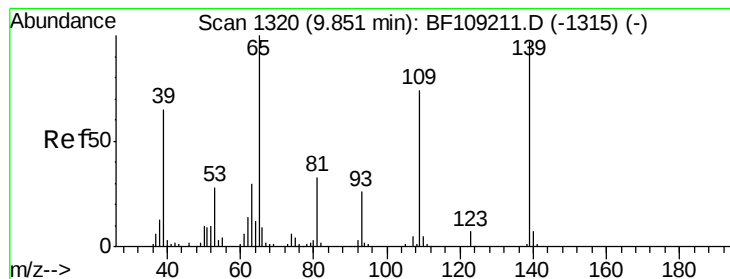
Tgt Ion:184 Resp: 13358
Ion Ratio Lower Upper
184 100
63 61.6 54.2 81.2
154 63.6 184.0 276.0#



#54
Dibenzofuran
Concen: 35.153 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF109340.D
Acq: 26 Sep 2018 16:53

Tgt Ion:168 Resp: 626270
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1
169 14.3 10.9 16.3





#55

4-Nitrophenol

Concen: 67.874 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

Instrument :

BNA_F

ClientSampleId :

CS-RBR-200027MSD

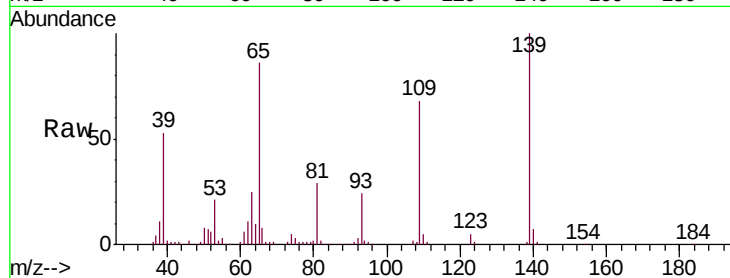
Tgt Ion:139 Resp: 172114

Ion Ratio Lower Upper

139 100

109 68.3 48.4 88.4

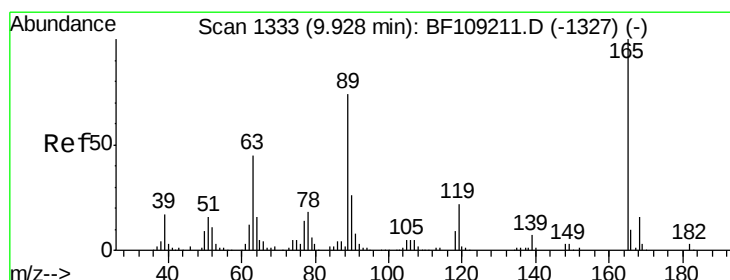
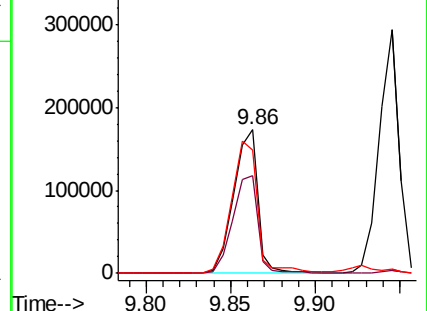
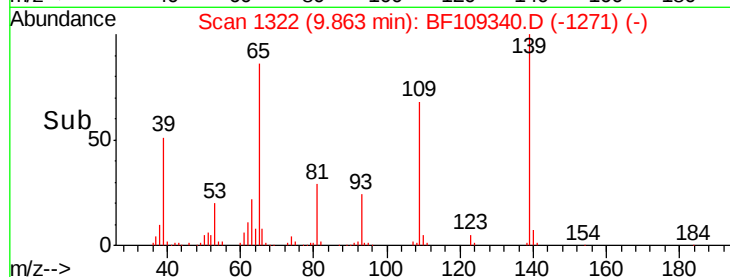
65 86.1 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 42.757 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

Tgt Ion:165 Resp: 157251

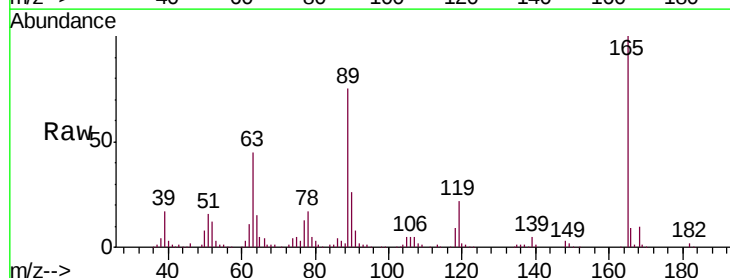
Ion Ratio Lower Upper

165 100

63 45.4 36.4 54.6

89 74.9 57.8 86.6

182 2.5 1.6 2.4#

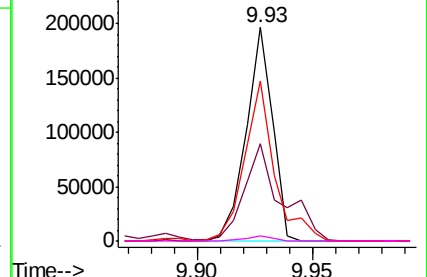
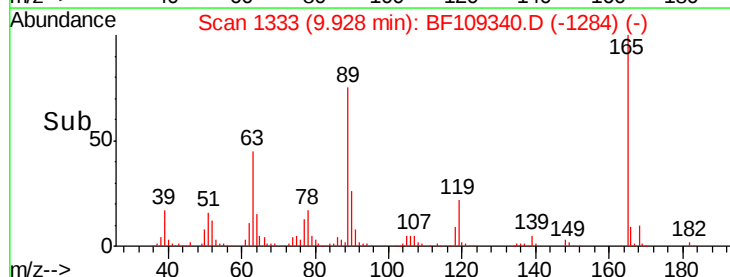


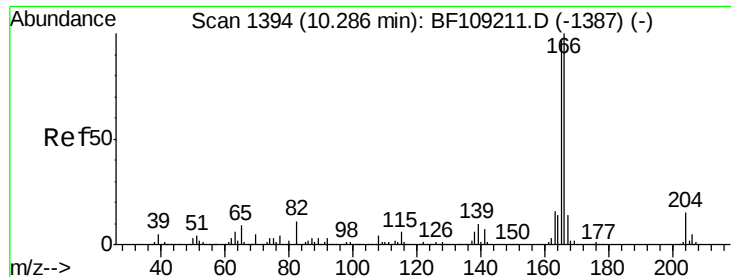
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.079 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

Instrument :

BNA_F

ClientSampleId :

CS-RBR-200027MSD

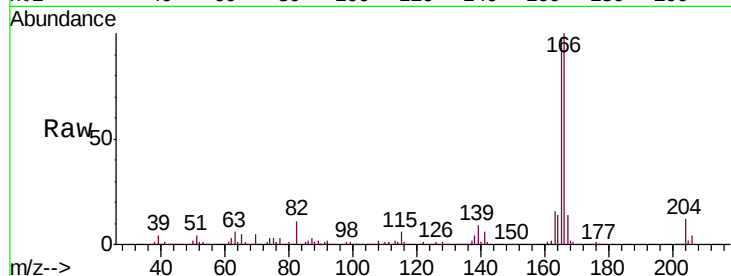
Tgt Ion:166 Resp: 484032

Ion Ratio Lower Upper

166 100

165 97.9 79.8 119.8

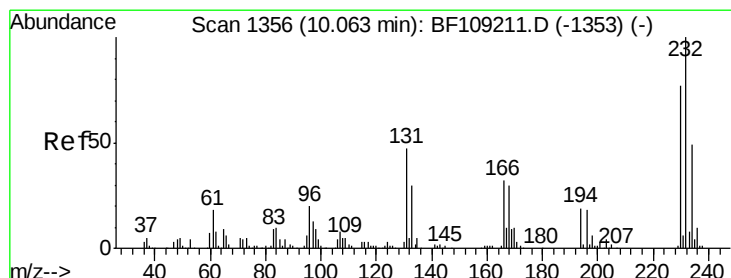
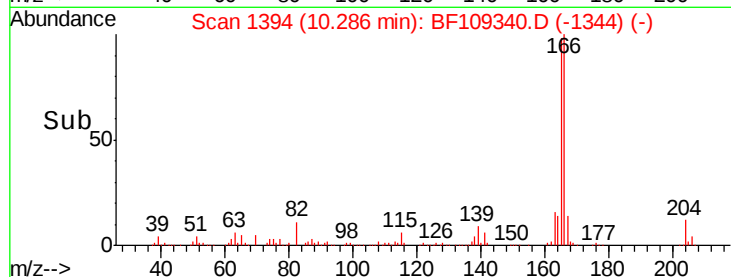
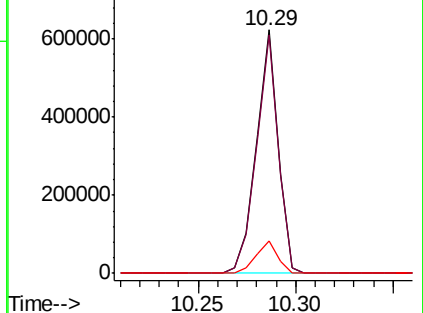
167 13.5 10.6 16.0



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: 40.203 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

Tgt Ion:232 Resp: 138562

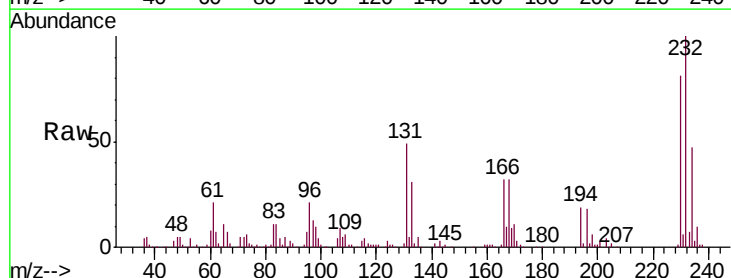
Ion Ratio Lower Upper

232 100

131 44.9 43.8 65.8

130 2.2 2.1 3.1

166 30.0 27.8 41.6

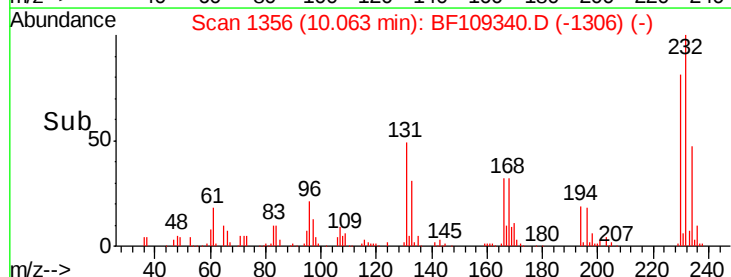
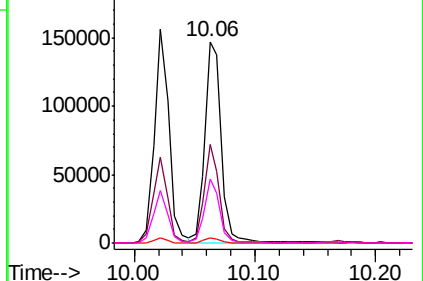


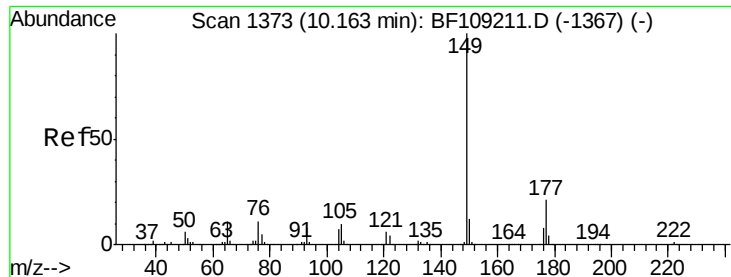
Abundance Ion 232.00 (231.70 to 232.70): E

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

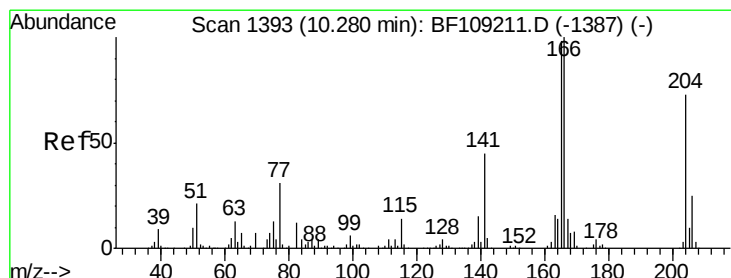
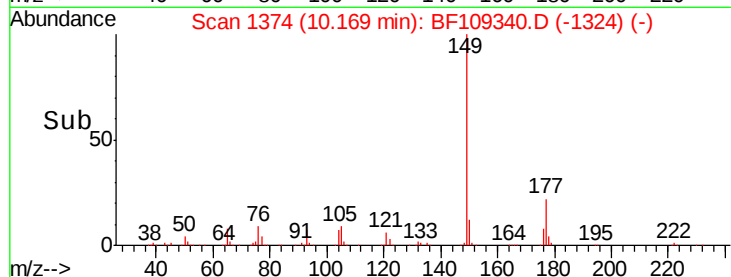
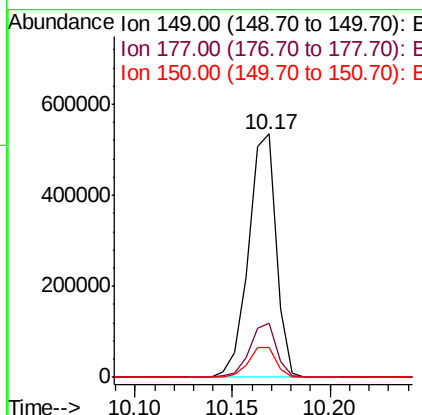
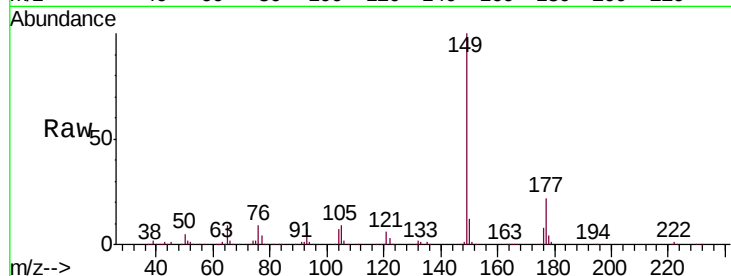




#59
Diethylphthalate
Concen: 35.360 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF109340.D
Acq: 26 Sep 2018 16:53

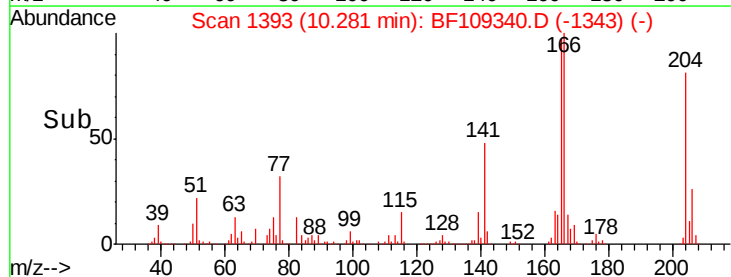
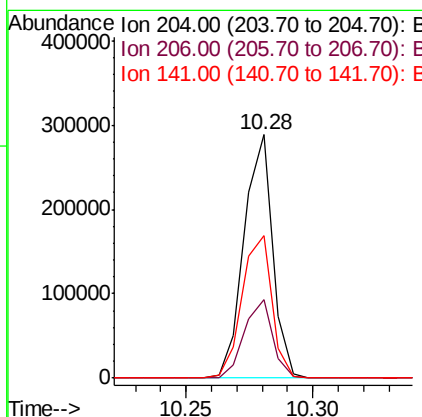
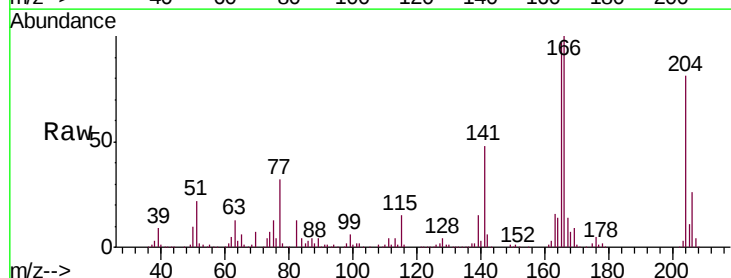
Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MSD

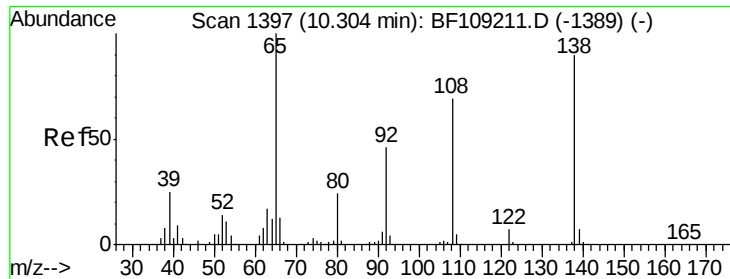
Tgt Ion:149 Resp: 525519
Ion Ratio Lower Upper
149 100
177 22.4 16.1 24.1
150 12.1 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 34.084 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109340.D
Acq: 26 Sep 2018 16:53

Tgt Ion:204 Resp: 226289
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 58.7 54.6 81.8

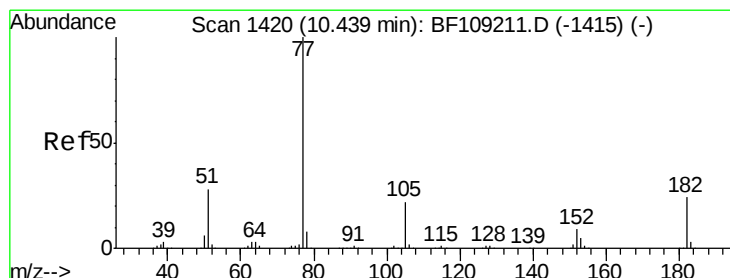
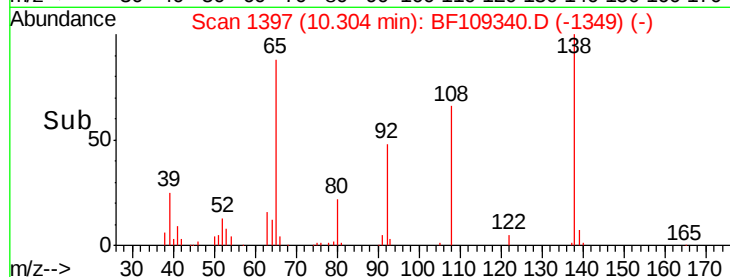
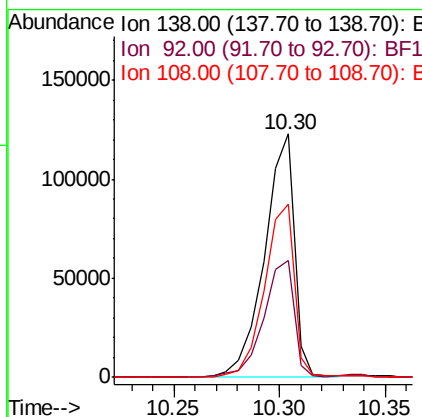
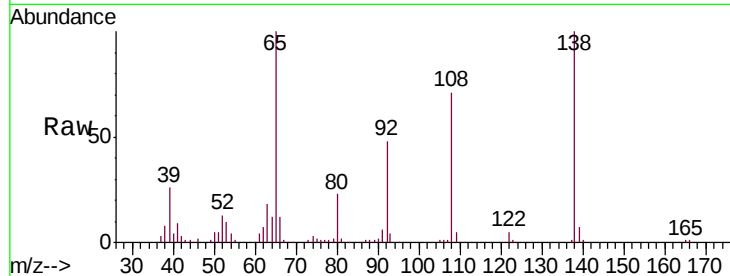




#61
4-Nitroaniline
Concen: 36.959 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF109340.D
Acq: 26 Sep 2018 16:53

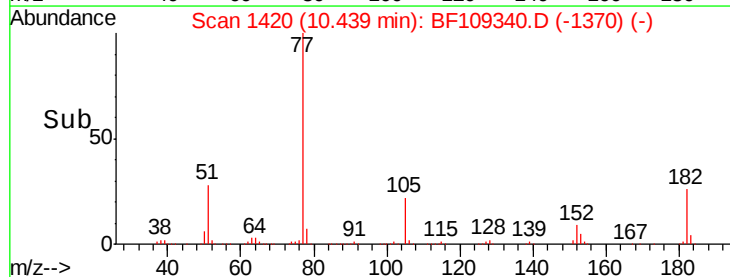
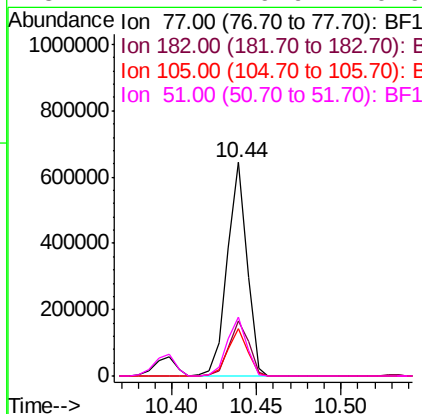
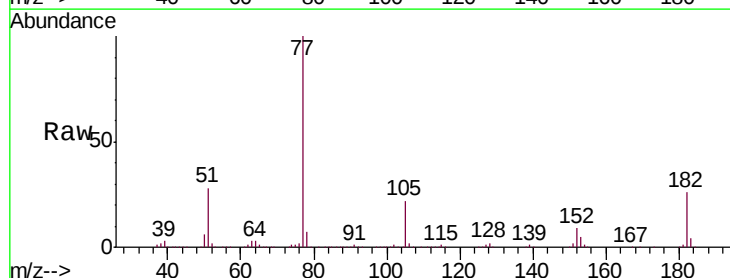
Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MSD

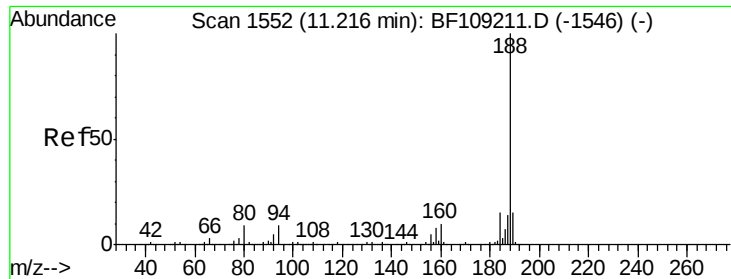
Tgt Ion: 138 Resp: 121329
Ion Ratio Lower Upper
138 100
92 48.0 30.2 70.2
108 71.2 52.5 92.5



#62
Azobenzene
Concen: 33.769 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109340.D
Acq: 26 Sep 2018 16:53

Tgt Ion: 77 Resp: 521425
Ion Ratio Lower Upper
77 100
182 26.0 1.7 41.7
105 22.2 3.0 43.0
51 27.7 9.9 49.9

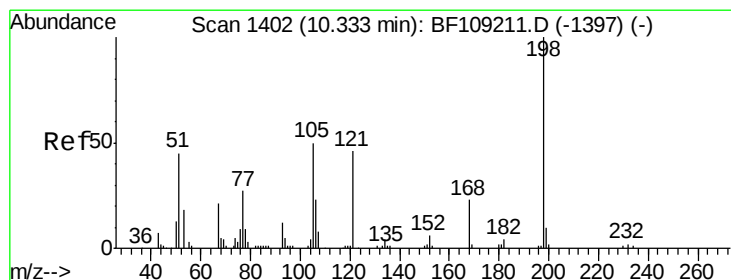
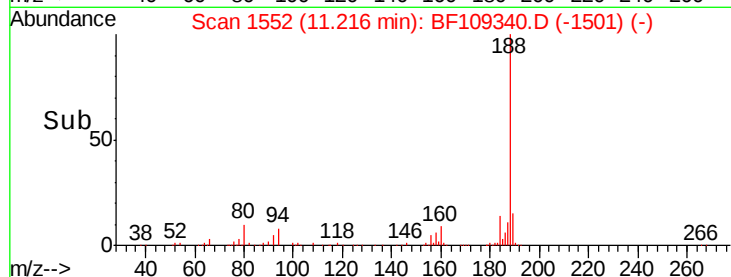
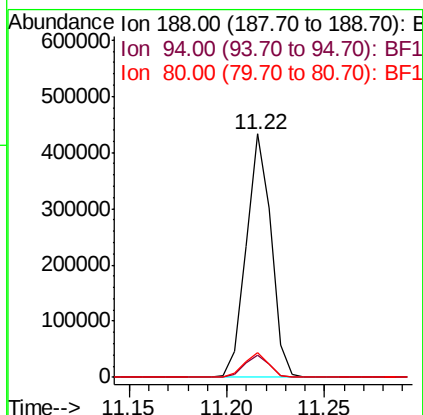
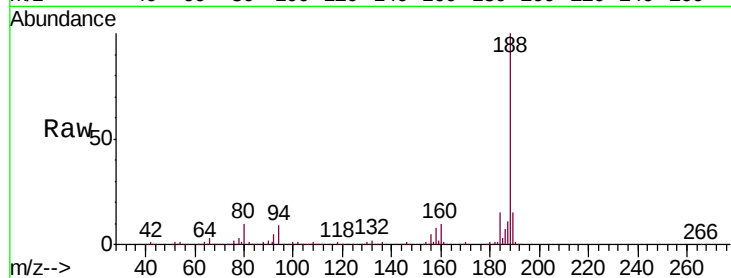




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109340.D
Acq: 26 Sep 2018 16:53

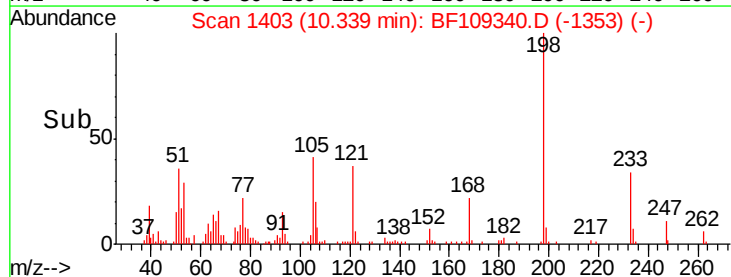
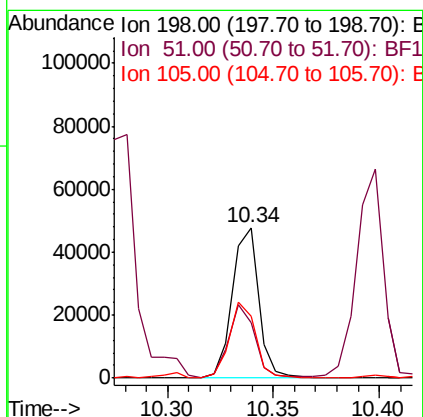
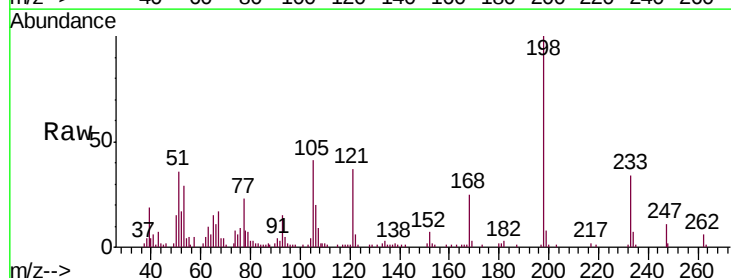
Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MSD

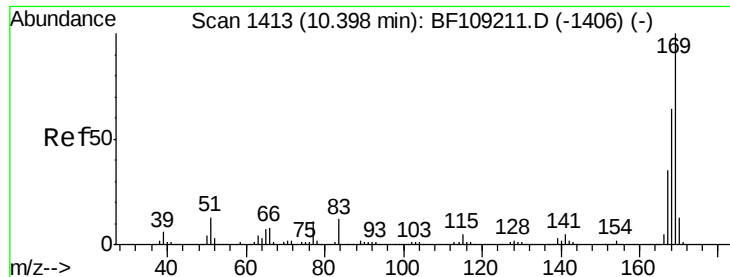
Tgt Ion:188 Resp: 382308
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 10.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 29.750 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF109340.D
Acq: 26 Sep 2018 16:53

Tgt Ion:198 Resp: 41133
Ion Ratio Lower Upper
198 100
51 36.5 37.7 77.7#
105 41.4 36.3 76.3

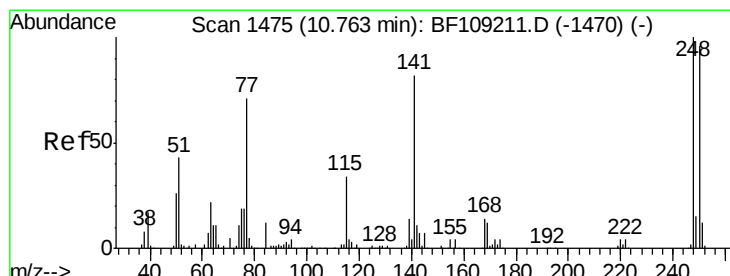
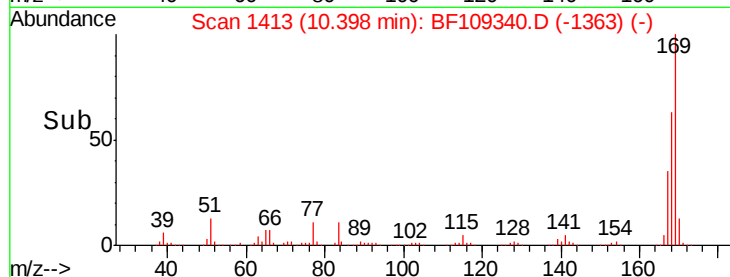
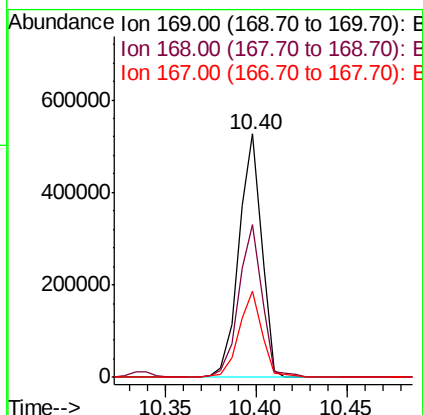
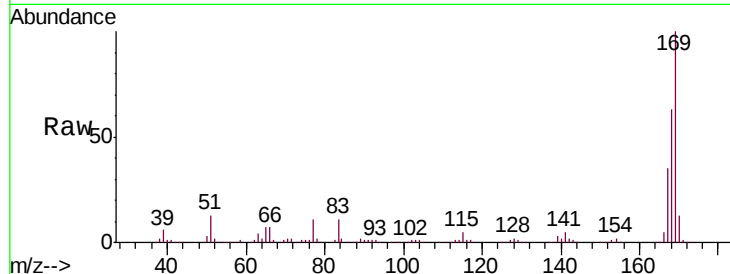




#65
 n-Nitrosodiphenylamine
 Concen: 36.129 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

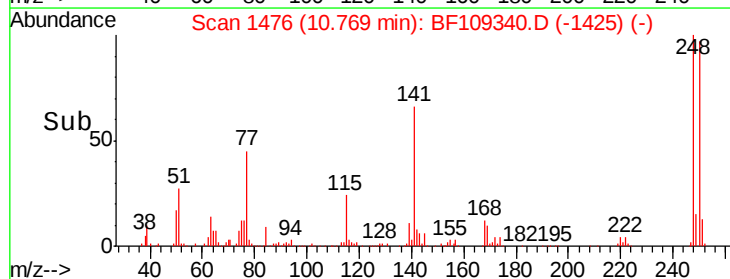
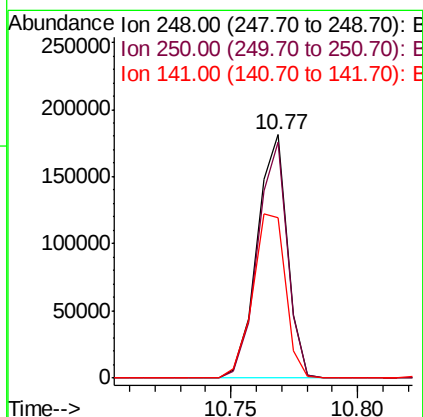
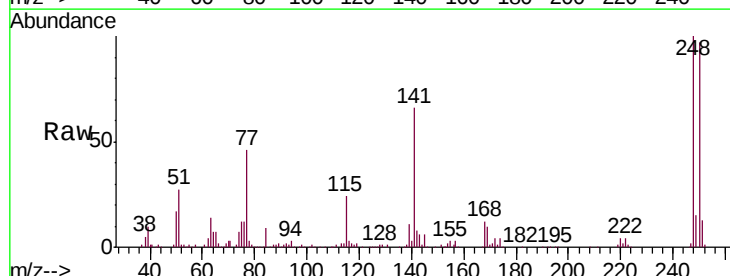
Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MSD

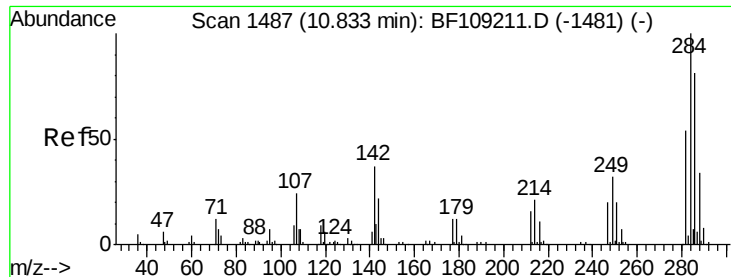
Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.0	54.4	81.6
167	35.4	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 35.697 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.9	115.3
141	65.8	74.4	111.6#





#67

Hexachlorobenzene

Concen: 35.465 ng

RT: 10.84 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

Instrument :

BNA_F

ClientSampleId :

CS-RBR-200027MSD

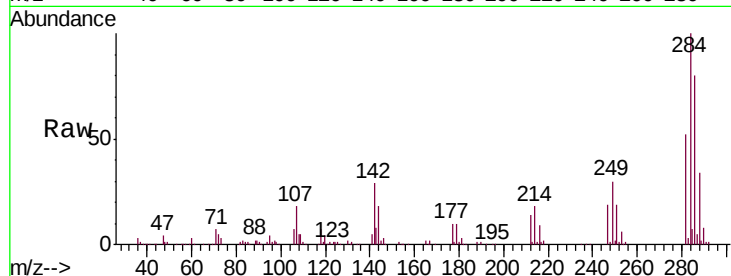
Tgt Ion:284 Resp: 159907

Ion Ratio Lower Upper

284 100

142 29.4 34.6 52.0#

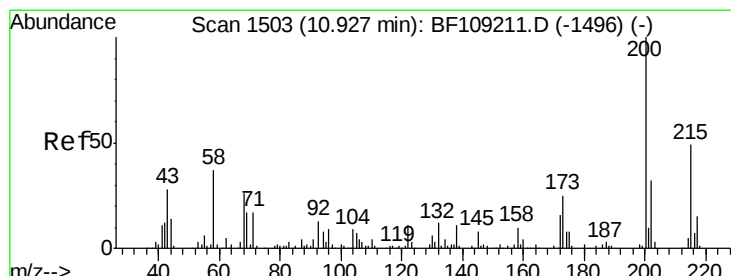
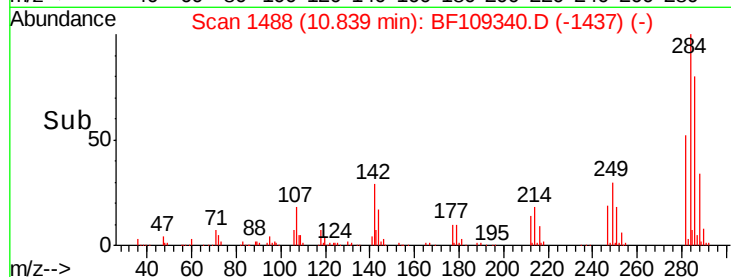
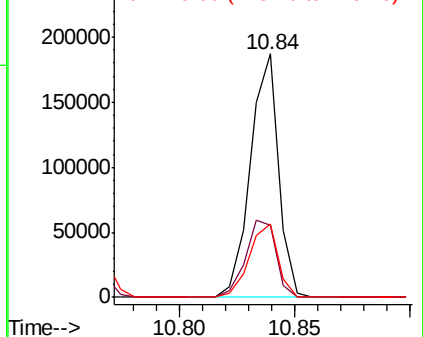
249 30.0 24.8 37.2



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: 38.245 ng

RT: 10.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

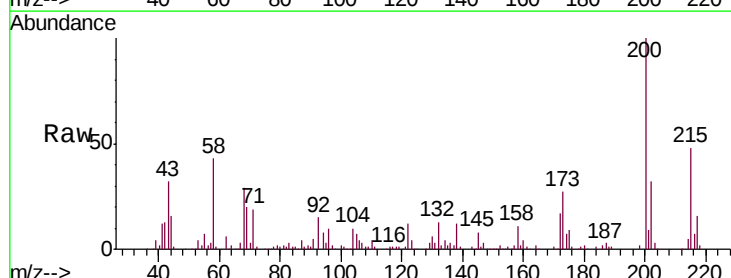
Tgt Ion:200 Resp: 148572

Ion Ratio Lower Upper

200 100

173 27.2 8.6 48.6

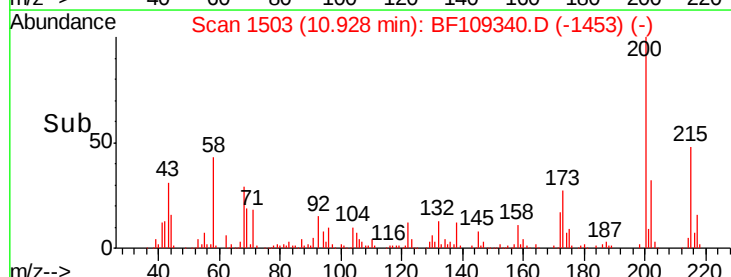
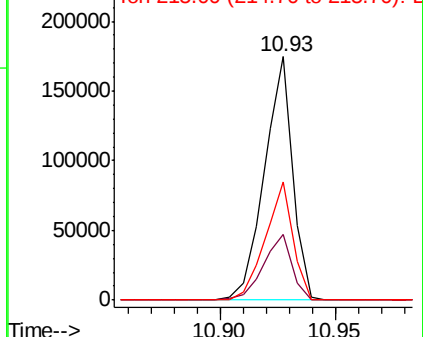
215 48.3 25.1 65.1



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

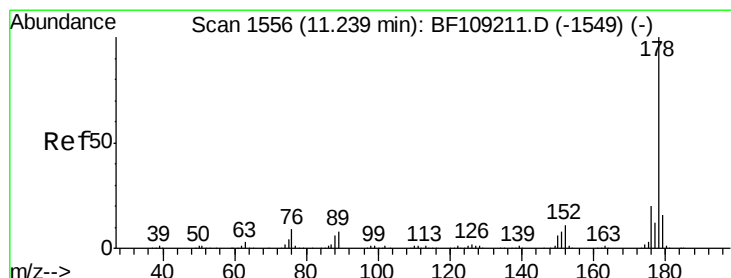
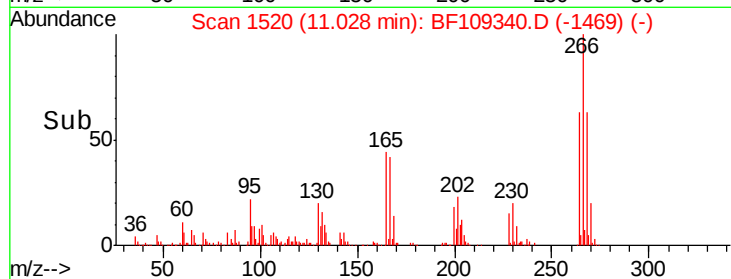
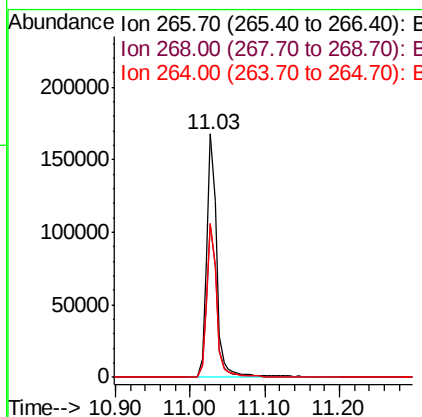
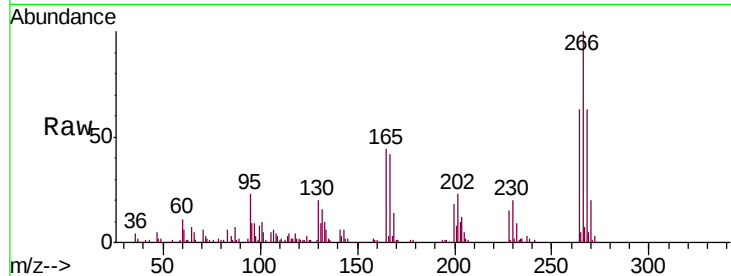




#69
 Pentachlorophenol
 Concen: 59.449 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

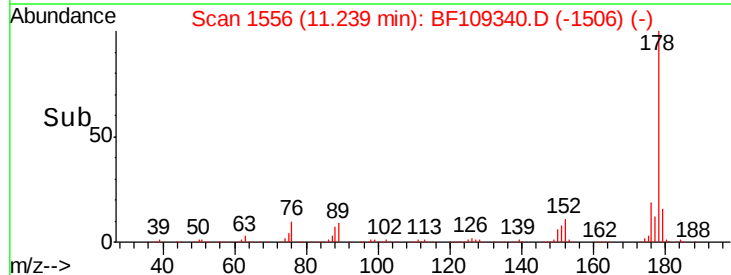
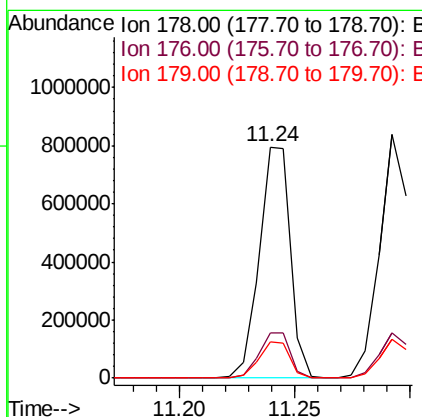
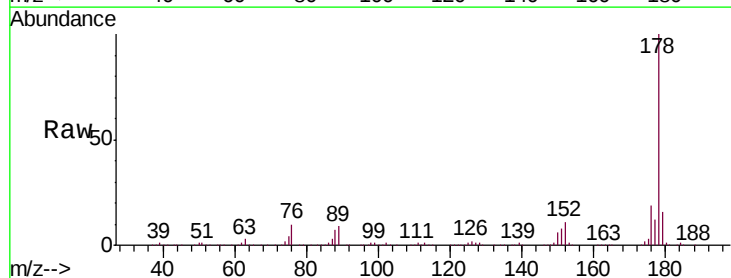
Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MSD

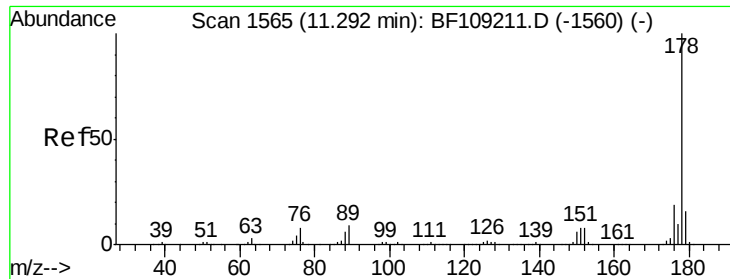
Tgt Ion: 266 Resp: 160428
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.1 76.7
 264 63.3 49.5 74.3



#70
 Phenanthrene
 Concen: 39.212 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

Tgt Ion: 178 Resp: 748509
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.8 13.0 19.6

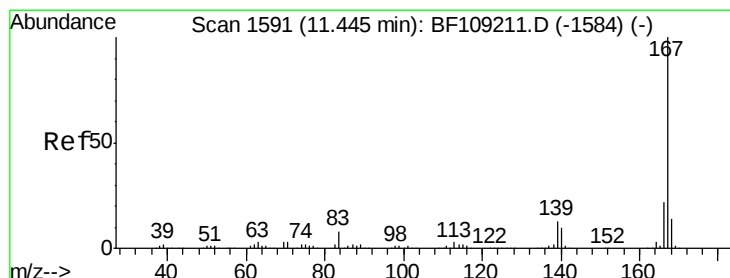
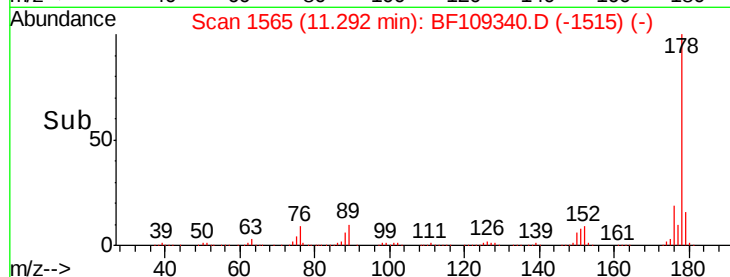
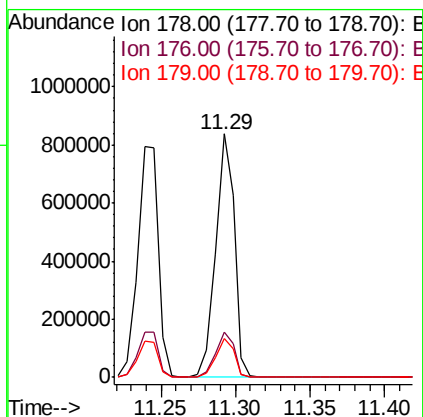
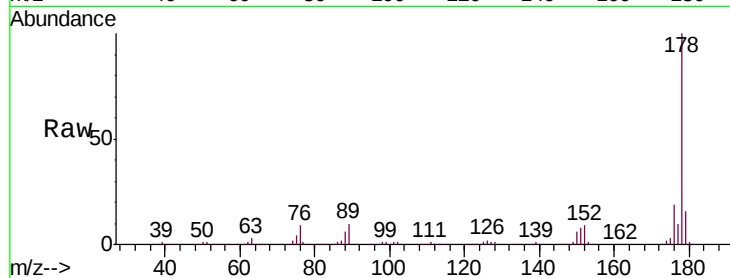




#71
 Anthracene
 Concen: 37.726 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

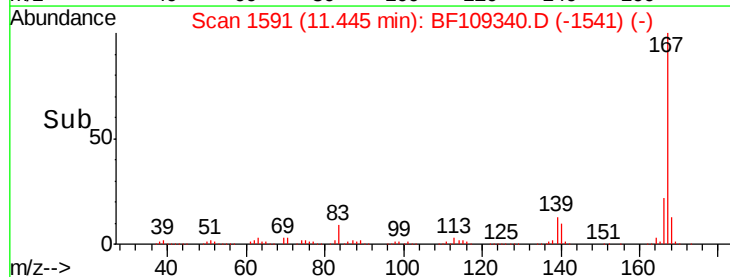
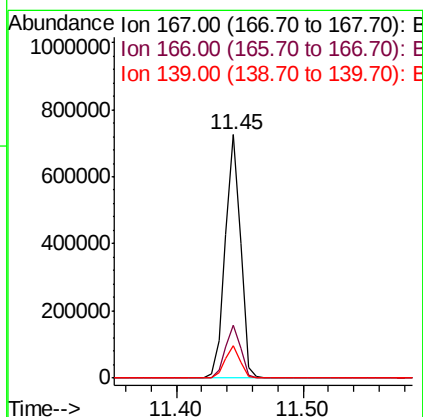
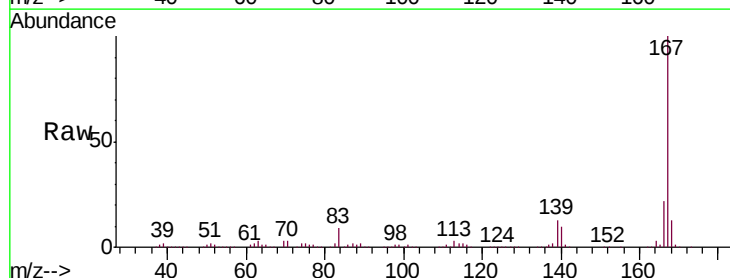
Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MSD

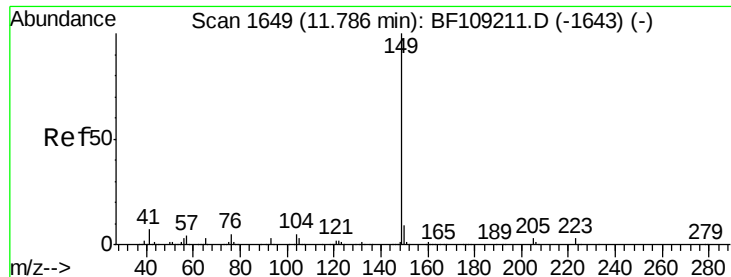
Tgt Ion:178 Resp: 730411
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 31.571 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

Tgt Ion:167 Resp: 608156
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 13.1 10.9 16.3

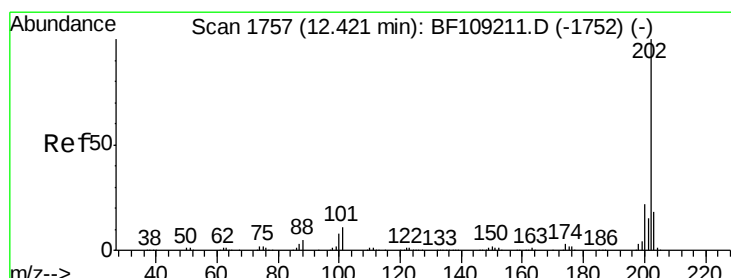
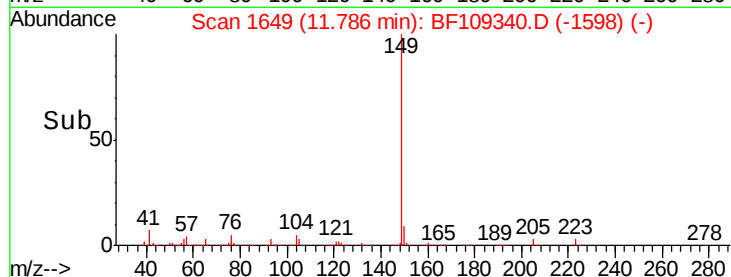
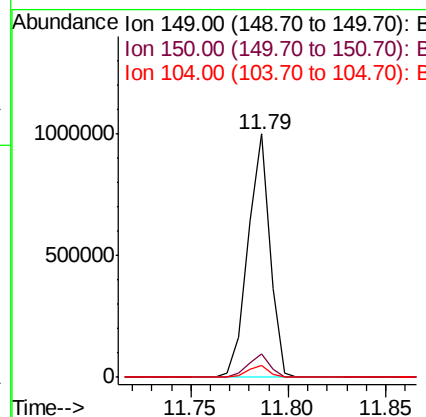
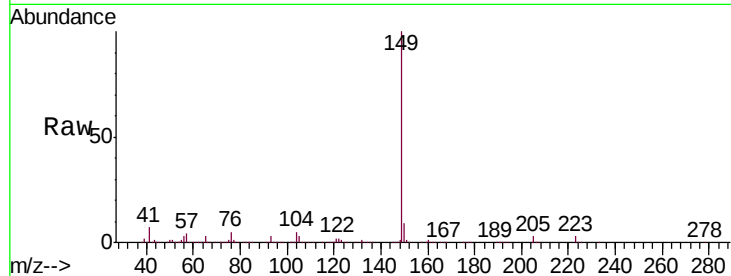




#73
Di-n-butylphthalate
Concen: 35.131 ng
RT: 11.79 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BF109340.D
Acq: 26 Sep 2018 16:53

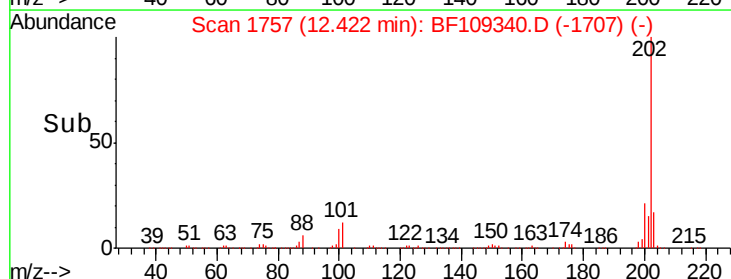
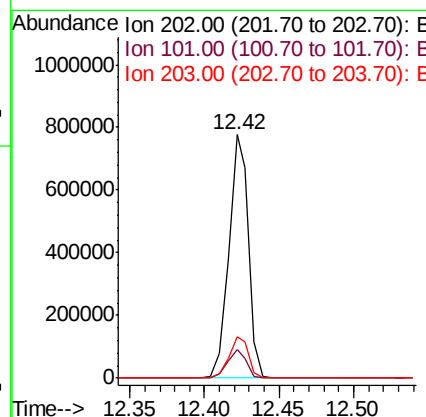
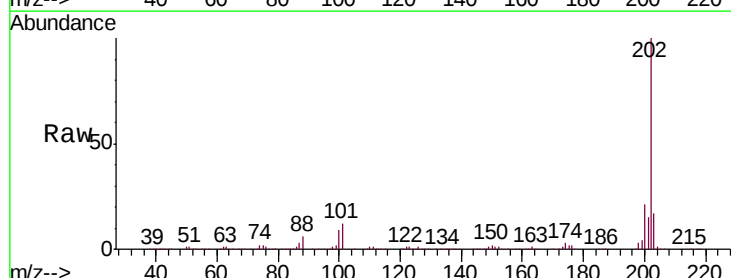
Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MSD

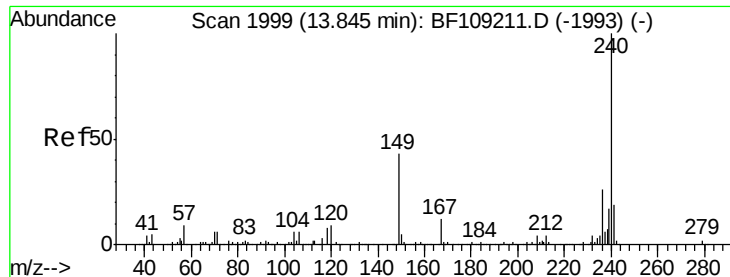
Tgt Ion:149 Resp: 779063
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.8 3.8 5.8



#74
Fluoranthene
Concen: 35.204 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109340.D
Acq: 26 Sep 2018 16:53

Tgt Ion:202 Resp: 718141
Ion Ratio Lower Upper
202 100
101 11.7 0.0 34.1
203 17.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

Instrument :

BNA_F

ClientSampleId :

CS-RBR-200027MSD

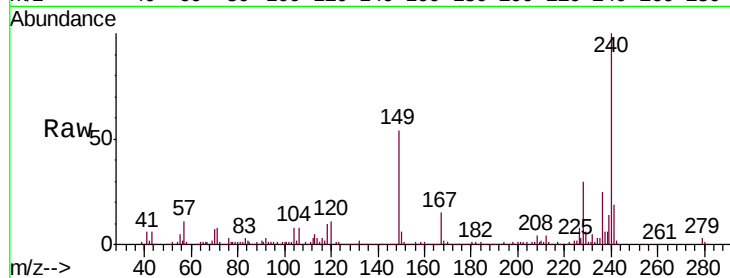
Tgt Ion:240 Resp: 248196

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

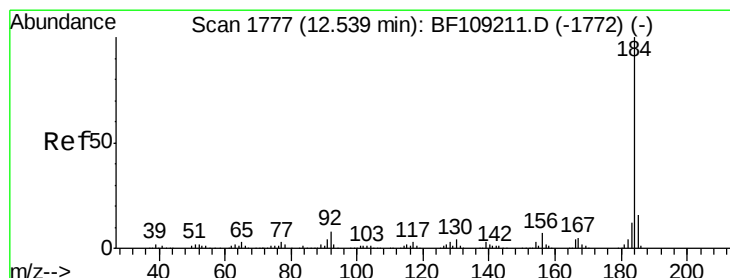
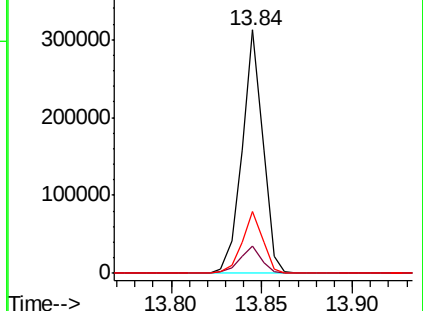
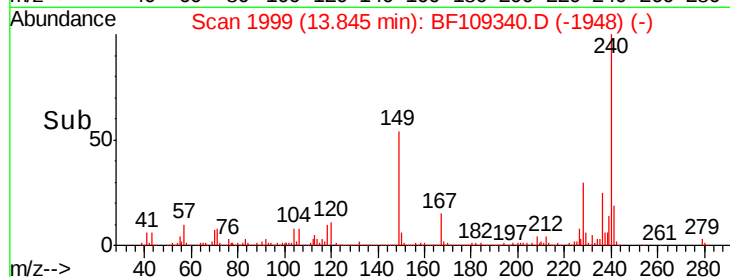
236 25.3 20.7 31.1



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: 45.212 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

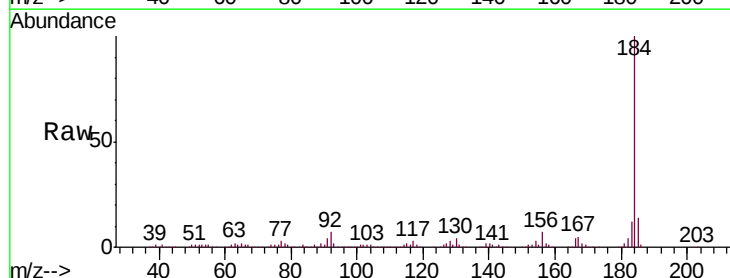
Tgt Ion:184 Resp: 404587

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

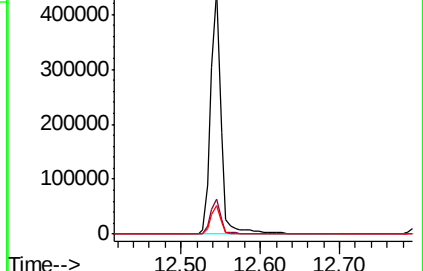
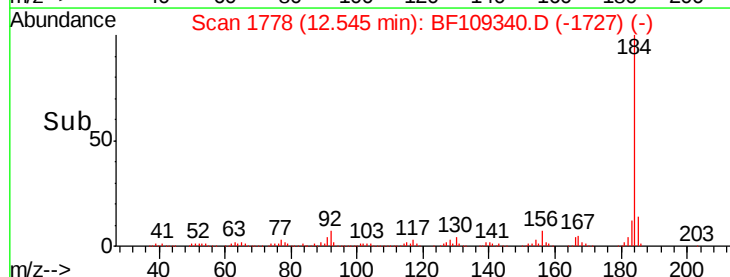
183 11.6 9.3 13.9

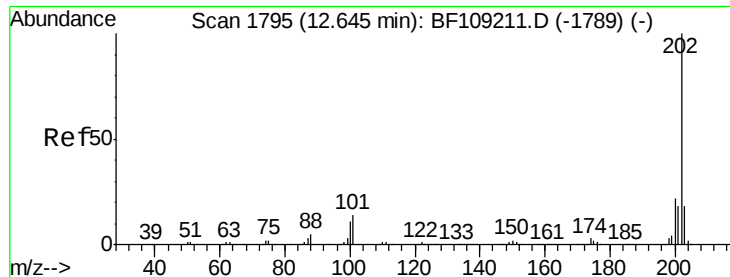


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

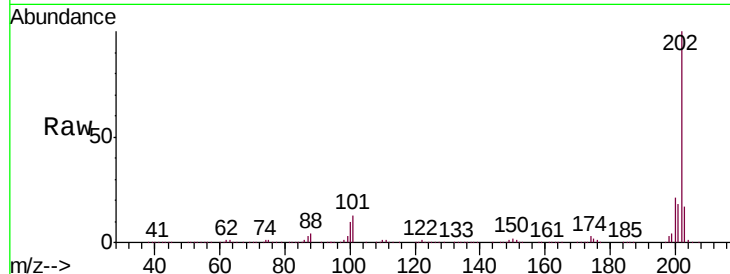




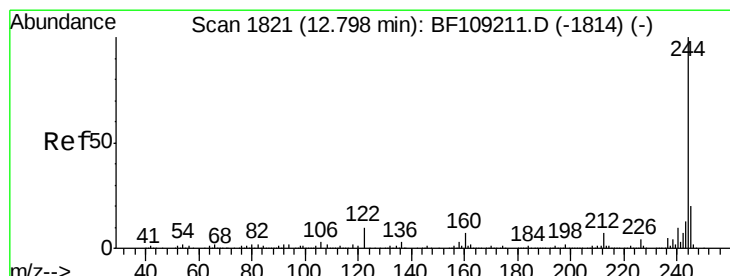
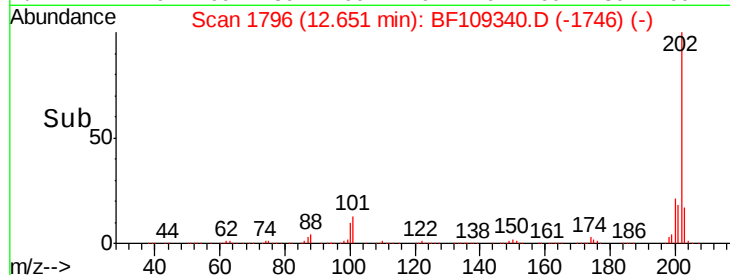
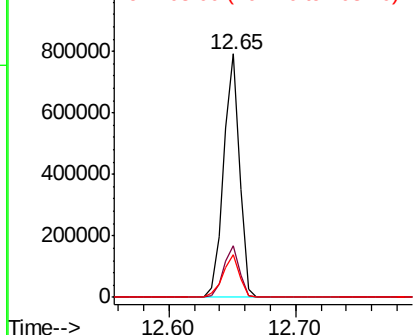
#77
 Pyrene
 Concen: 38.784 ng
 RT: 12.65 min Scan# 1796
 Delta R.T. -0.01 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MSD

Tgt Ion: 202 Resp: 689874
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.4 26.2
 203 17.4 14.3 21.5

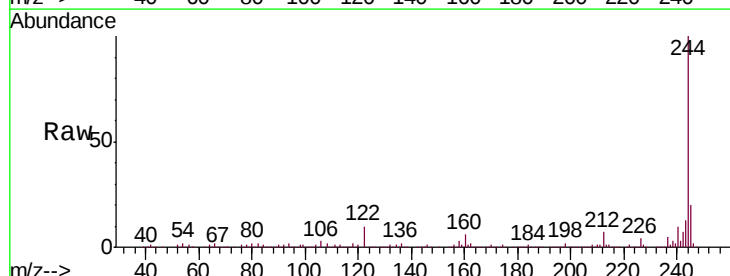


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

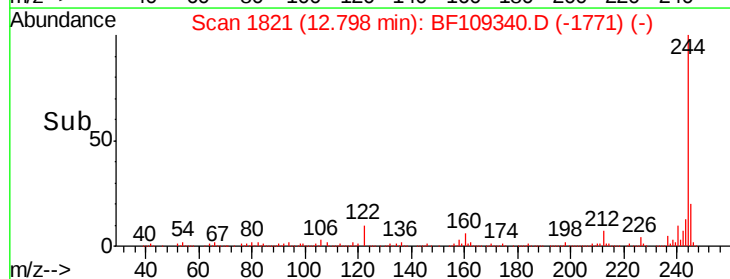
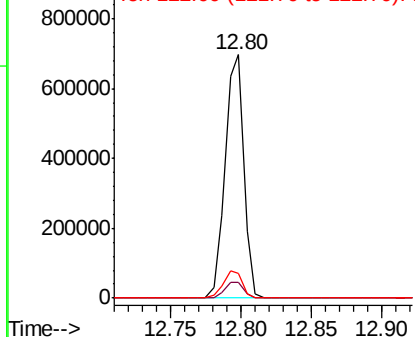


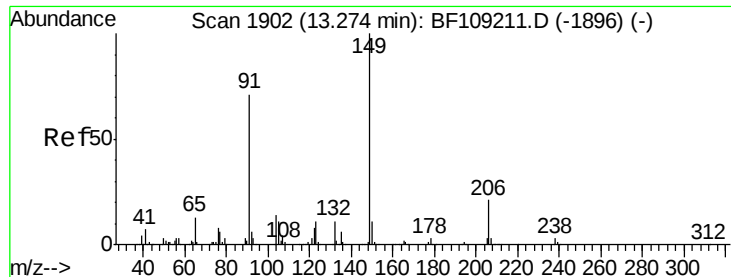
#78
 Terphenyl-d14
 Concen: 63.150 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

Tgt Ion: 244 Resp: 638649
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.1 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

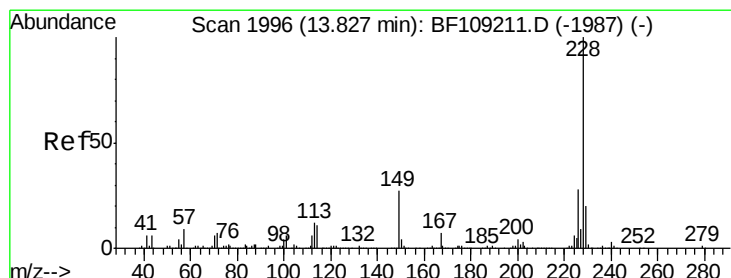
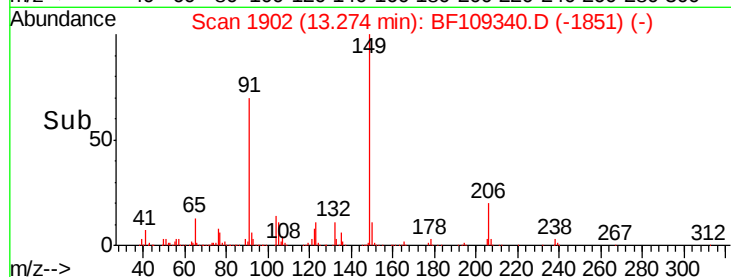
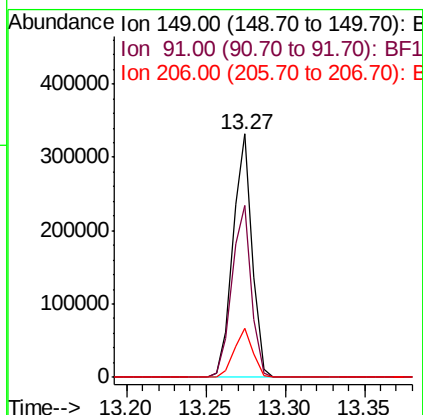
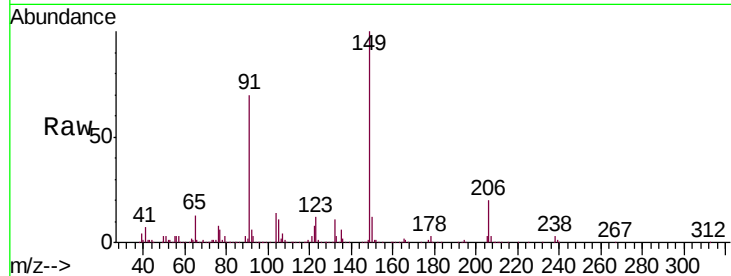




#79
Butylbenzylphthalate
Concen: 36.725 ng
RT: 13.27 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BF109340.D
Acq: 26 Sep 2018 16:53

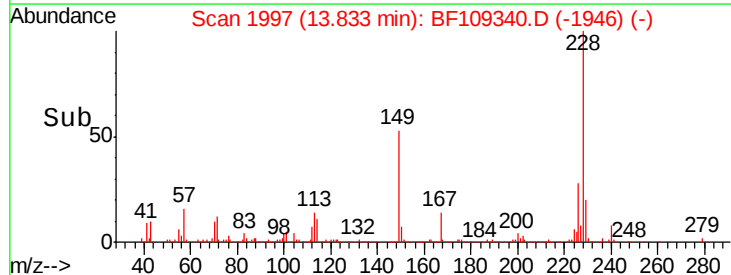
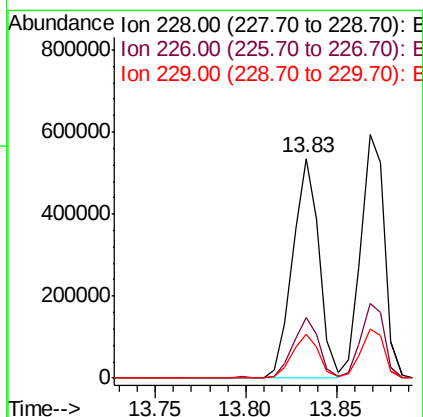
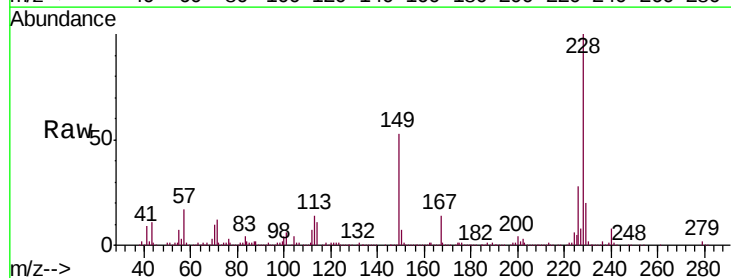
Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MSD

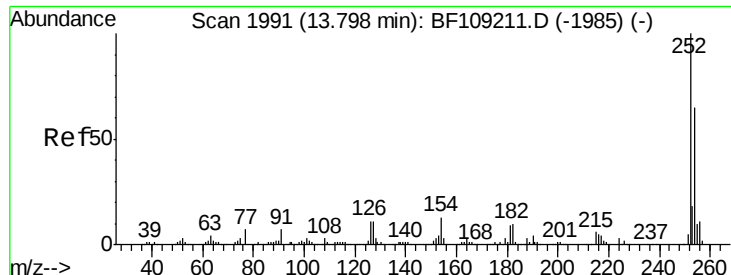
Tgt Ion:149 Resp: 277924
Ion Ratio Lower Upper
149 100
91 70.5 56.8 85.2
206 20.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 36.577 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109340.D
Acq: 26 Sep 2018 16:53

Tgt Ion:228 Resp: 546819
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.1 15.8 23.6

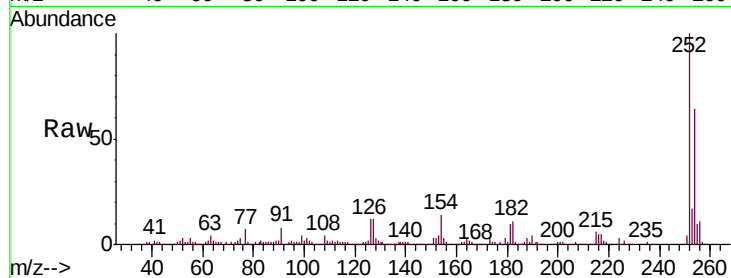




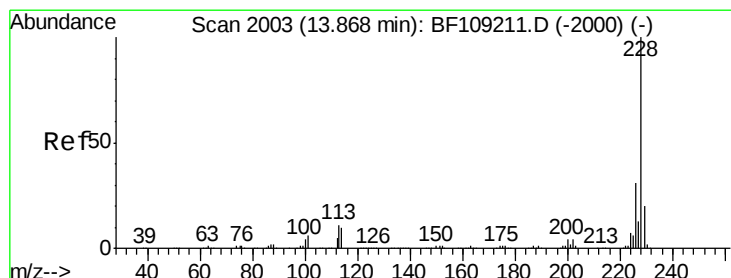
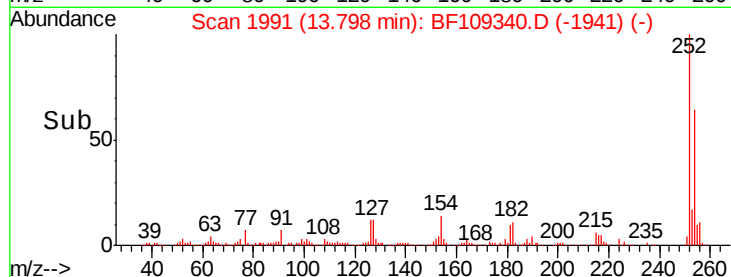
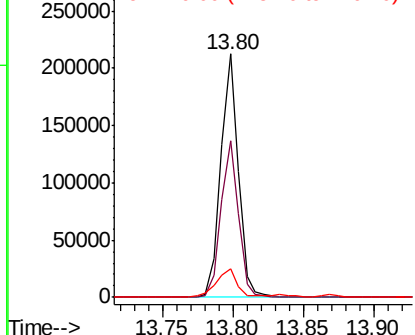
#81
 3,3'-Dichlorobenzidine
 Concen: 32.380 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	12.0	11.3	16.9

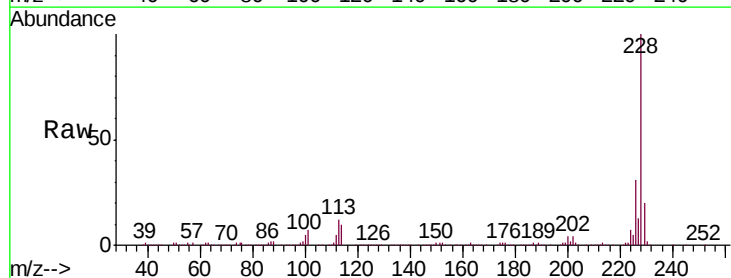


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

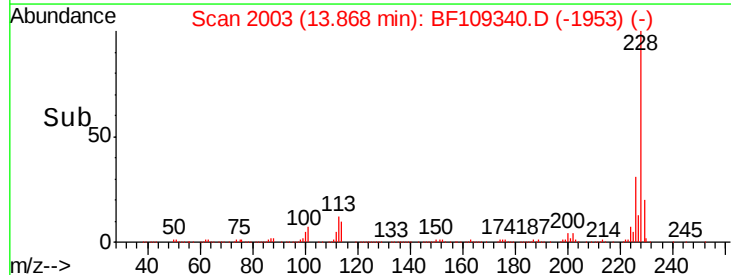
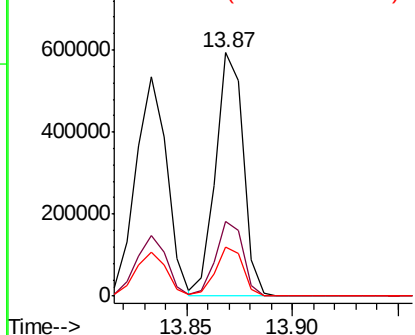


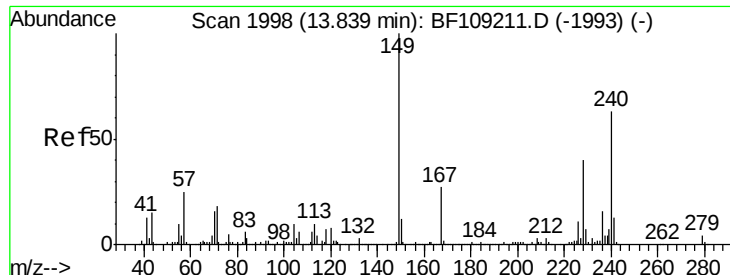
#82
 Chrysene
 Concen: 36.348 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	20.2	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.754 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

Instrument :

BNA_F

ClientSampleId :

CS-RBR-200027MSD

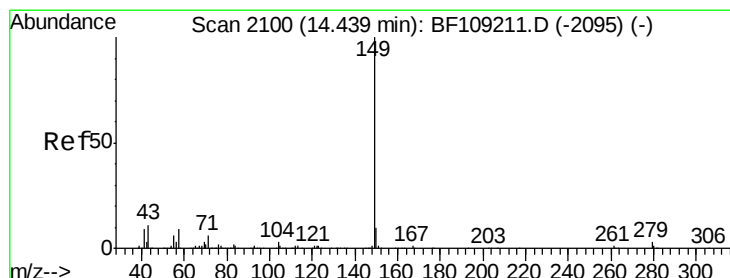
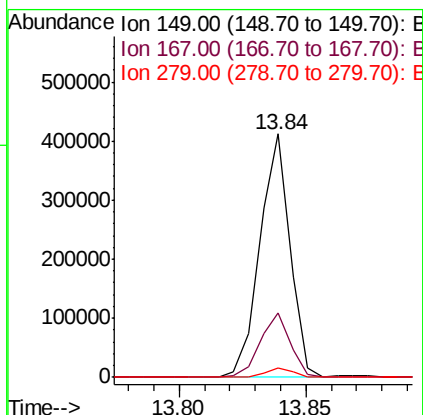
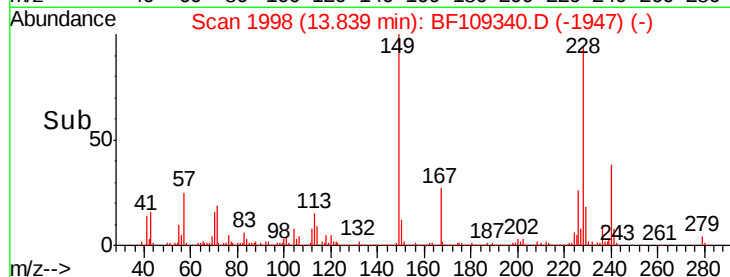
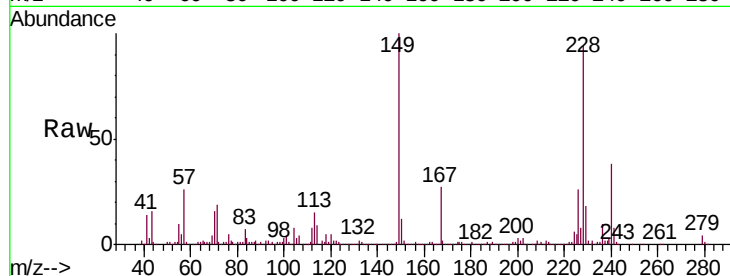
Tgt Ion:149 Resp: 341242

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

279 4.0 3.0 4.4



#84

Di-n-octyl phthalate

Concen: 39.077 ng

RT: 14.44 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

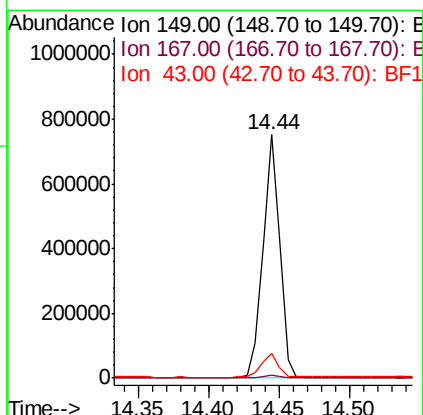
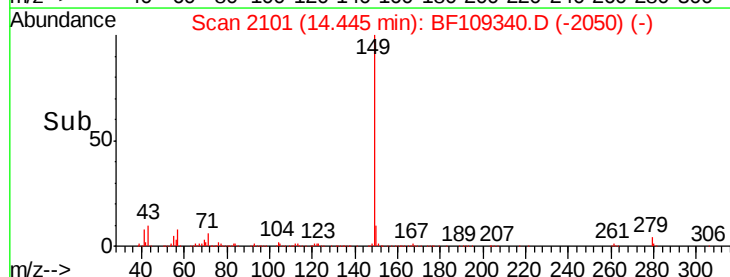
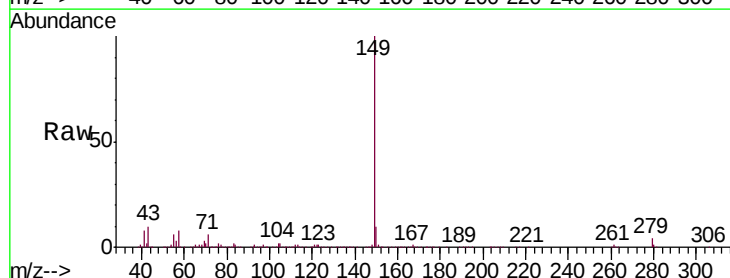
Tgt Ion:149 Resp: 637681

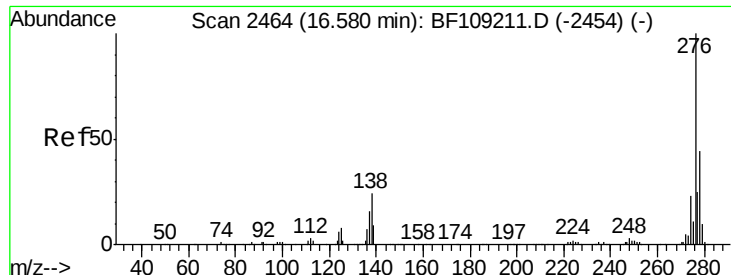
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.8 8.4 12.6

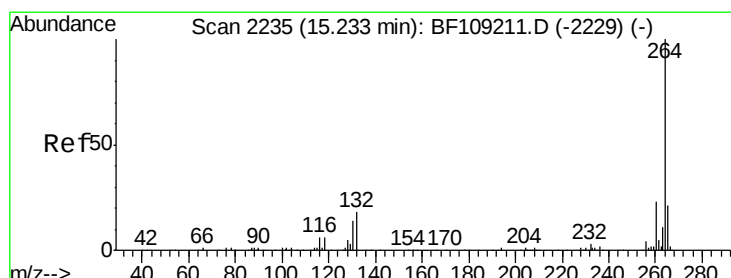
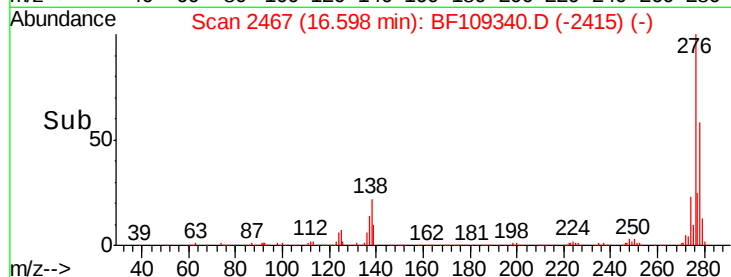
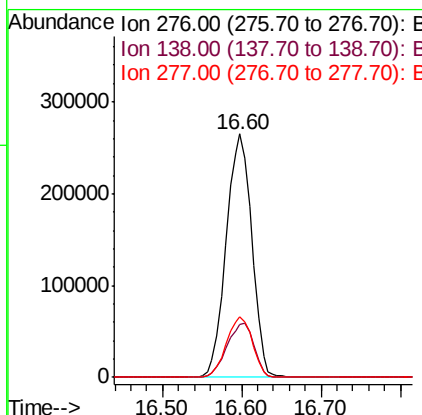
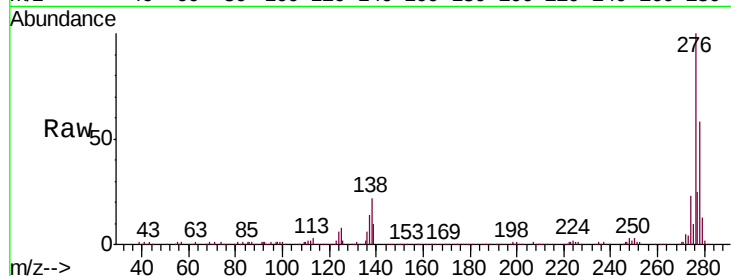




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.241 ng
 RT: 16.60 min Scan# 2467
 Delta R.T. 0.01 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

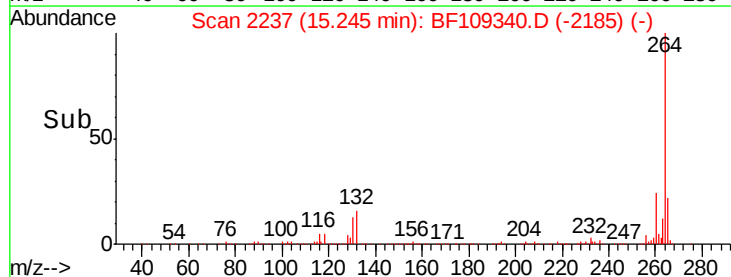
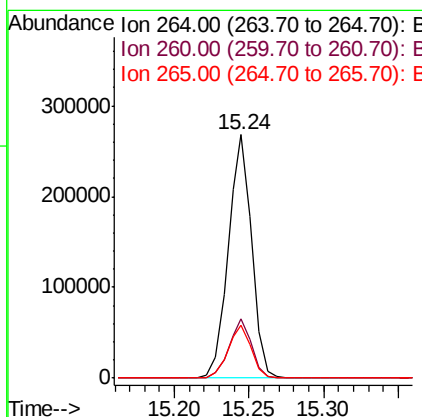
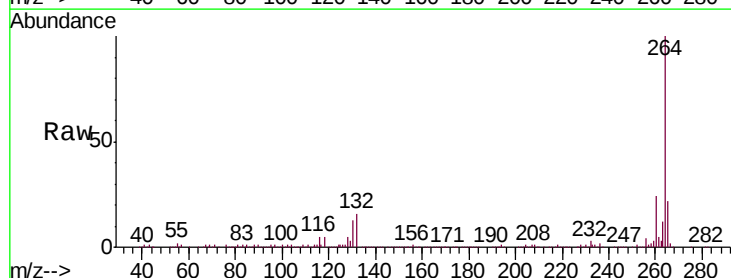
Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MSD

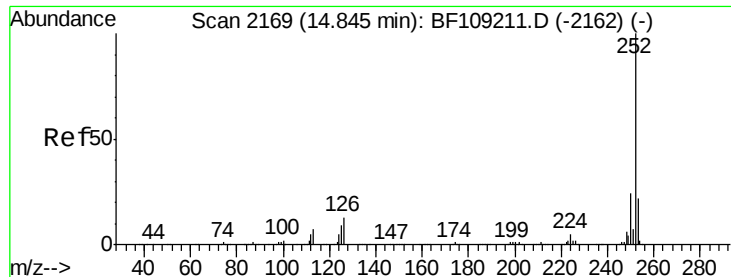
Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	25.0	37.6#
277	25.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.01 min
 Lab File: BF109340.D
 Acq: 26 Sep 2018 16:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.9	17.5	26.3

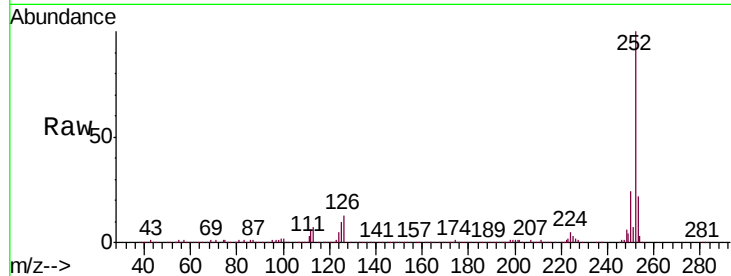




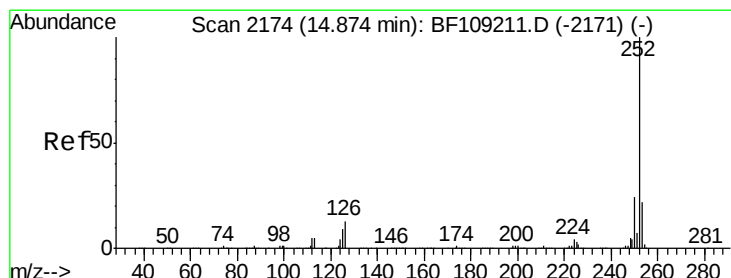
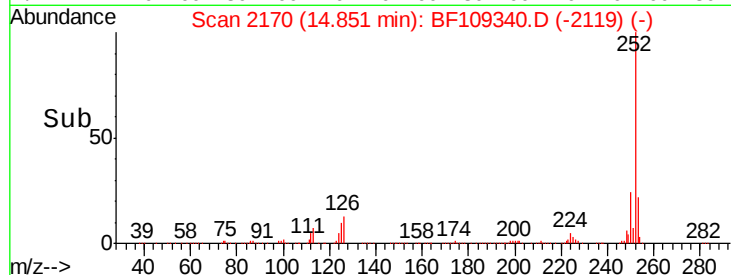
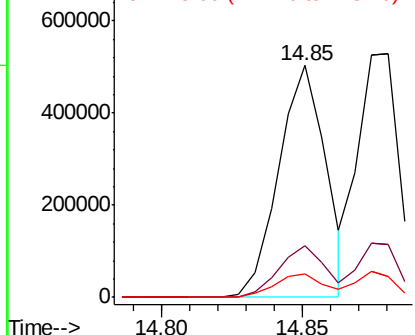
#87
Benzo(b)fluoranthene
Concen: 35.889 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF109340.D
Acq: 26 Sep 2018 16:53

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MSD

Tgt Ion:252 Resp: 582347
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 9.9 9.0 13.6

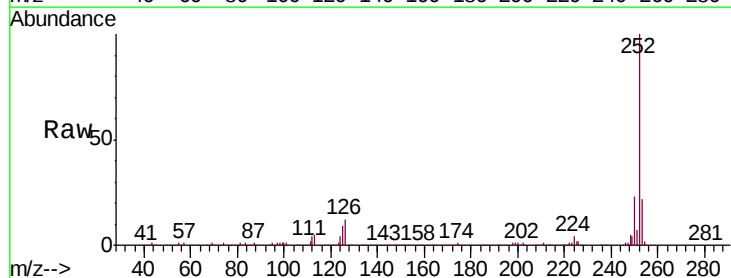


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

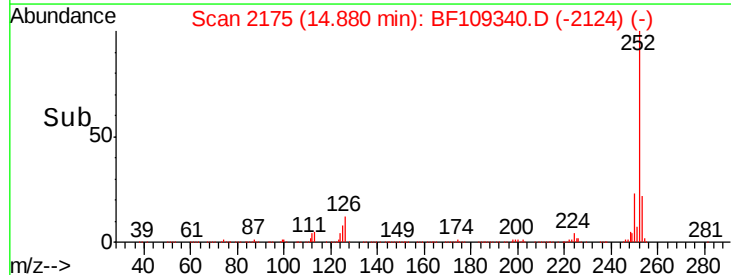
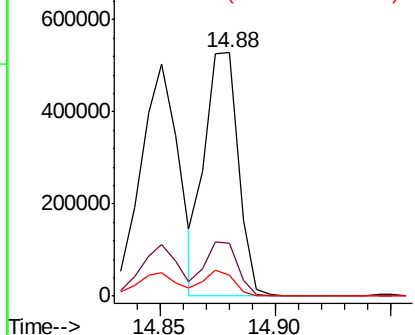


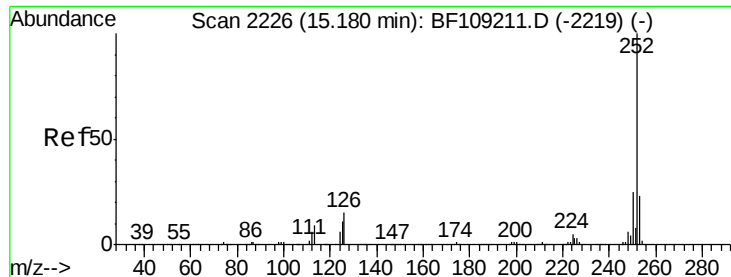
#88
Benzo(k)fluoranthene
Concen: 34.554 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF109340.D
Acq: 26 Sep 2018 16:53

Tgt Ion:252 Resp: 532038
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 8.6 10.2 15.2#



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





#89

Benzo(a)pyrene

Concen: 37.571 ng

RT: 15.19 min Scan# 2228

Delta R.T. 0.01 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

Instrument :

BNA_F

ClientSampleId :

CS-RBR-200027MSD

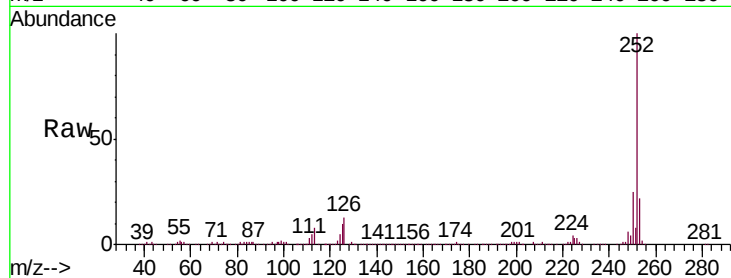
Tgt Ion:252 Resp: 549325

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

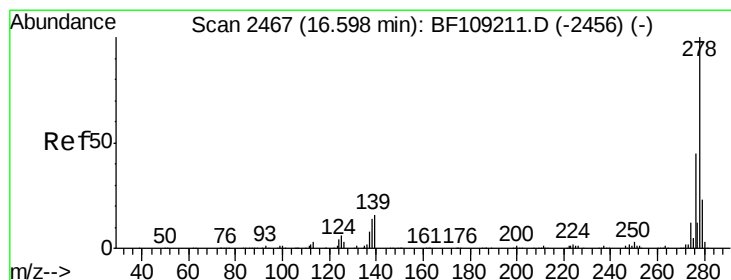
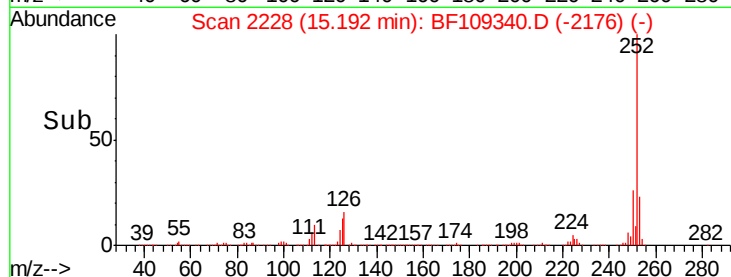
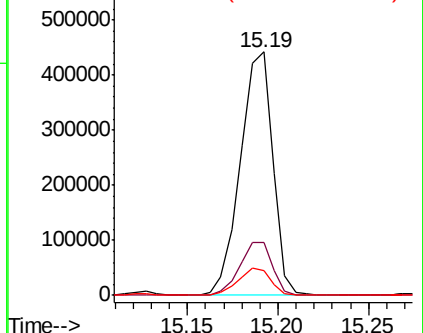
125 10.4 9.8 14.6



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: 40.285 ng

RT: 16.61 min Scan# 2469

Delta R.T. 0.00 min

Lab File: BF109340.D

Acq: 26 Sep 2018 16:53

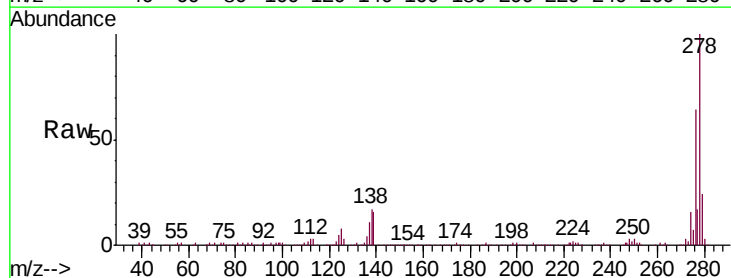
Tgt Ion:278 Resp: 483224

Ion Ratio Lower Upper

278 100

139 15.7 15.9 23.9#

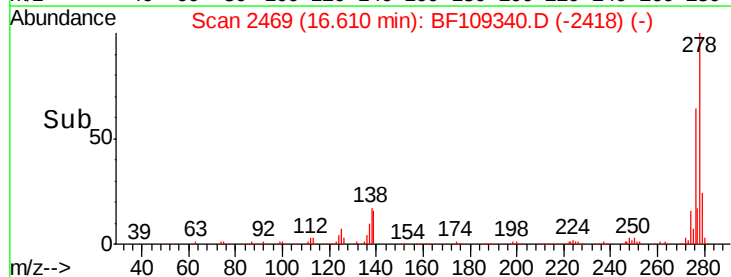
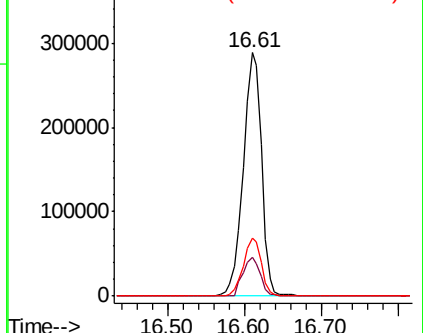
279 23.8 19.0 28.4

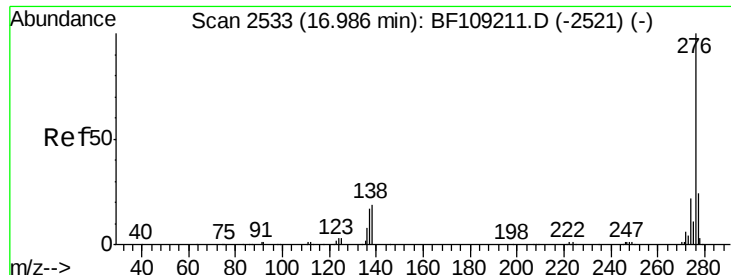


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 40.033 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.01 min

Lab File: BF109340.D

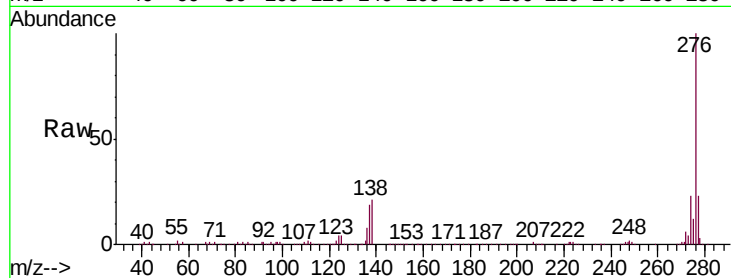
Acq: 26 Sep 2018 16:53

Instrument :

BNA_F

ClientSampleId :

CS-RBR-200027MSD



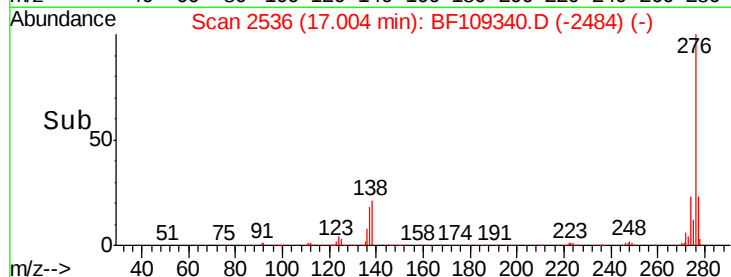
Tgt Ion: 276 Resp: 471947

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 20.9 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

