

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101018\
 Data File : BF109753.D
 Acq On : 10 Oct 2018 20:16
 Operator : JU/SJ
 Sample : J5336-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MS

Quant Time: Oct 11 05:47:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	72820	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	296061	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	145801	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	291212	20.00	ng	0.00
75) Chrysene-d12	13.83	240	212444	20.00	ng	0.00
86) Perylene-d12	15.23	264	212402	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	514643	125.45	ng	0.00
7) Phenol-d6	6.35	99	700865	127.89	ng	0.00
23) Nitrobenzene-d5	7.26	82	475701	88.57	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	205736	129.50	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	852602	80.54	ng	0.00
78) Terphenyl-d14	12.78	244	926327	84.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	62658	29.102	ng	99
3) Pyridine	3.12	79	117463	26.444	ng	98
4) n-Nitrosodimethylamine	3.03	42	60503	37.736	ng	96
6) Aniline	6.37	93	158353	24.804	ng	97
8) 2-Chlorophenol	6.49	128	220631	43.729	ng	99
9) Benzaldehyde	6.25	77	100166	28.403	ng	96
10) Phenol	6.36	94	269592	42.899	ng	# 78
11) bis(2-Chloroethyl)ether	6.43	93	175700	33.724	ng	100
12) 1,3-Dichlorobenzene	6.63	146	222812	38.611	ng	98
13) 1,4-Dichlorobenzene	6.72	146	250558	39.831	ng	99
14) 1,2-Dichlorobenzene	6.86	146	228165	41.301	ng	99
15) Benzyl Alcohol	6.85	79	174767	43.015	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	282057	40.828	ng	96
17) 2-Methylphenol	6.96	107	169832	42.565	ng	92
18) Hexachloroethane	7.20	117	88777	39.927	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	157030	40.858	ng	99
20) 3+4-Methylphenols	7.12	107	209104	42.531	ng	94
22) Acetophenone	7.11	105	320567	44.776	ng	# 98
24) Nitrobenzene	7.28	77	233538	41.787	ng	98
25) Isophorone	7.52	82	436978	48.996	ng	100
26) 2-Nitrophenol	7.60	139	110767	42.373	ng	97
27) 2,4-Dimethylphenol	7.65	122	186565	49.422	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	269639	44.697	ng	100
29) 2,4-Dichlorophenol	7.85	162	191236	45.165	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	196749	41.975	ng	99
31) Naphthalene	8.00	128	691307	50.490	ng	100
32) Benzoic acid	7.76	122	43966	16.290	ng	# 86
33) 4-Chloroaniline	8.06	127	86228	14.301	ng	97
34) Hexachlorobutadiene	8.12	225	115135	39.506	ng	99
35) Caprolactam	8.42	113	30770	24.333	ng	92
36) 4-Chloro-3-methylphenol	8.55	107	206927	46.297	ng	97
37) 2-Methylnaphthalene	8.69	142	466814	52.049	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	202689	40.839	ng	98
40) Hexachlorocyclopentadiene	8.85	237	152994	71.265	ng	98

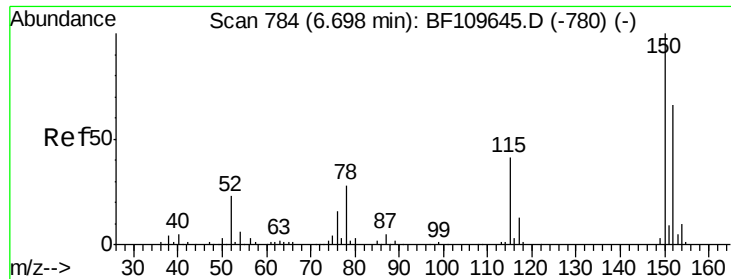
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101018\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	125924	42.443	ng	100
43) 2,4,5-Trichlorophenol	9.02	196	149312	43.769	ng	98
45) 1,1'-Biphenyl	9.15	154	545675	41.894	ng	100
46) 2-Chloronaphthalene	9.17	162	405817	41.587	ng	100
47) 2-Nitroaniline	9.27	65	132922	44.986	ng	98
48) Acenaphthylene	9.59	152	655522	46.078	ng	100
49) Dimethylphthalate	9.46	163	586765	54.873	ng	100
50) 2,6-Dinitrotoluene	9.52	165	105991	45.727	ng	95
51) Acenaphthene	9.76	154	424261	50.307	ng	100
52) 3-Nitroaniline	9.69	138	69442	26.726	ng	94
53) 2,4-Dinitrophenol	9.80	184	43728	58.472	ng	91
54) Dibenzofuran	9.93	168	627072	49.605	ng	99
55) 4-Nitrophenol	9.87	139	123172	86.606	ng	92
56) 2,4-Dinitrotoluene	9.92	165	133884	46.284	ng	94
57) Fluorene	10.27	166	510667	54.094	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	128104	46.196	ng	100
59) Diethylphthalate	10.15	149	483719	45.656	ng	99
60) 4-Chlorophenyl-phenylether	10.26	204	208425	41.849	ng	98
61) 4-Nitroaniline	10.30	138	109786	45.625	ng	98
62) Azobenzene	10.42	77	486400	45.209	ng	98
64) 4,6-Dinitro-2-methylphenol	10.33	198	49886	35.196	ng	91
65) n-Nitrosodiphenylamine	10.39	169	413767	41.913	ng	99
66) 4-Bromophenyl-phenylether	10.75	248	135694	40.553	ng	94
67) Hexachlorobenzene	10.82	284	144874	39.984	ng	97
68) Atrazine	10.92	200	137677	44.687	ng	98
69) Pentachlorophenol	11.02	266	135877	66.644	ng	99
70) Phenanthrene	11.23	178	1004900	68.955	ng	100
71) Anthracene	11.28	178	740813	49.175	ng	100
72) Carbazole	11.44	167	717500	49.107	ng	100
73) Di-n-butylphthalate	11.77	149	757668	44.709	ng	99
74) Fluoranthene	12.42	202	1114160	73.182	ng	98
76) Benzidine	12.54	184	173804	22.023	ng	97
77) Pyrene	12.64	202	1011429	64.981	ng	99
79) Butylbenzylphthalate	13.26	149	315746	46.789	ng	96
80) Benzo(a)anthracene	13.82	228	584854	49.887	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	110823	23.477	ng	98
82) Chrysene	13.86	228	601811	48.871	ng	100
83) Bis(2-ethylhexyl)phthalate	13.82	149	401486	48.765	ng	97
84) Di-n-octyl phthalate	14.42	149	687836	52.855	ng	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	590506	66.996	ng	99
87) Benzo(b)fluoranthene	14.83	252	562297	47.905	ng	98
88) Benzo(k)fluoranthene	14.86	252	466693	39.572	ng	98
89) Benzo(a)pyrene	15.17	252	493146	46.298	ng	97
90) Dibenzo(a,h)anthracene	16.59	278	483560	55.277	ng	97
91) Benzo(g,h,i)perylene	16.99	276	500129	57.252	ng	100

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

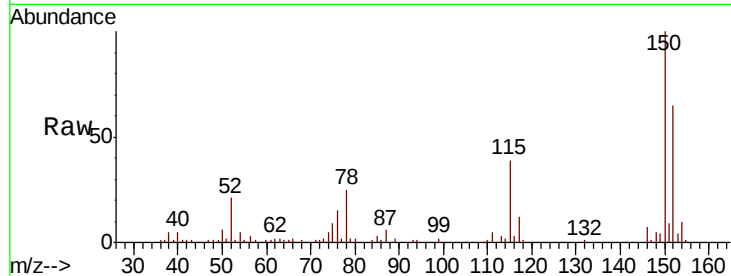


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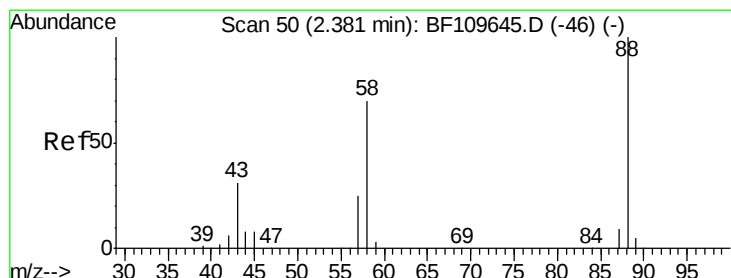
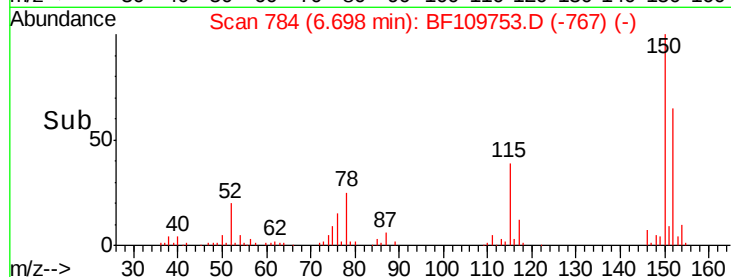
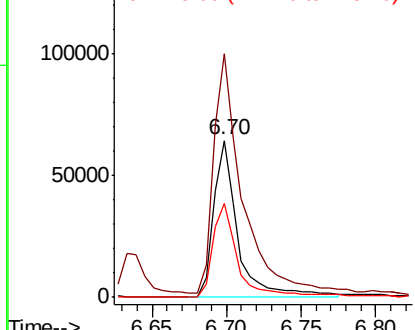
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tgt Ion:152 Resp: 72820
Ion Ratio Lower Upper
152 100
150 155.0 122.7 184.1
115 59.7 49.1 73.7



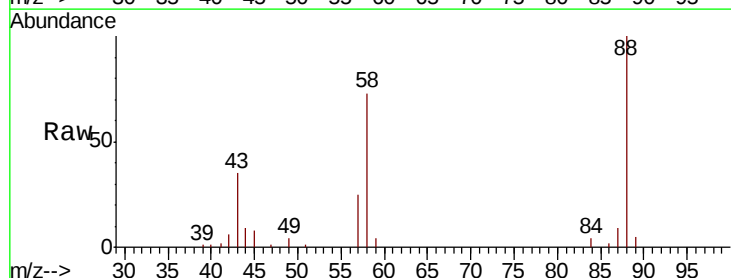
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



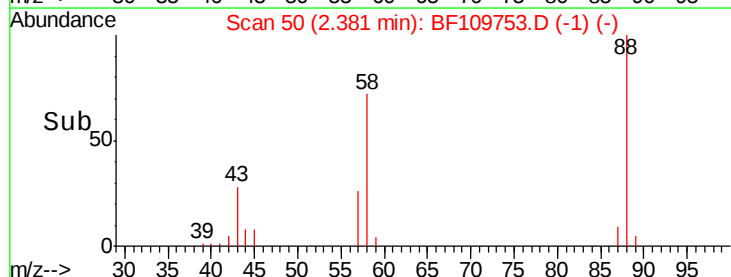
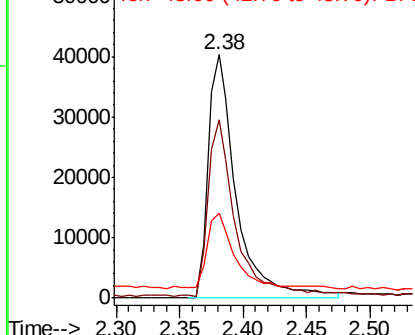
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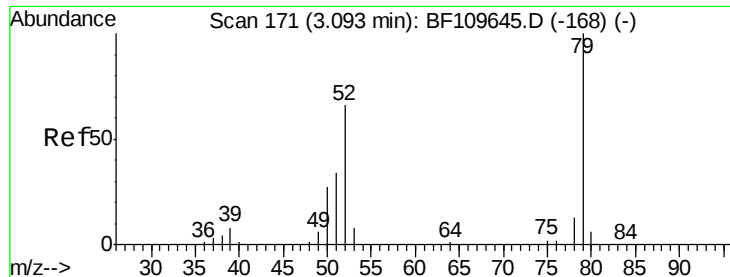
1,4-Dioxane
Concen: 29.102 ng
RT: 2.38 min Scan# 50
Delta R.T. -0.00 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion: 88 Resp: 62658
Ion Ratio Lower Upper
88 100
58 71.9 57.1 85.7
43 28.9 24.1 36.1



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





#3

Pyridine

Concen: 26.444 ng

RT: 3.12 min Scan# 176

Delta R.T. 0.03 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Instrument :

BNA_F

ClientSampleId :

RBR200035MS

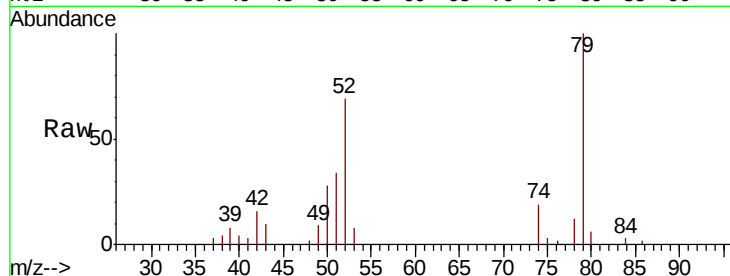
Tgt Ion: 79 Resp: 117463

Ion Ratio Lower Upper

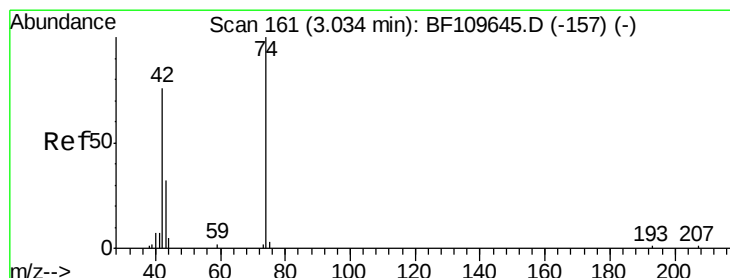
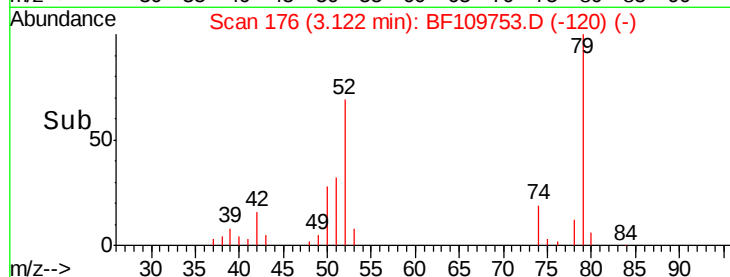
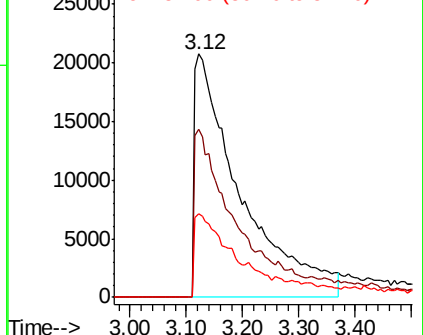
79 100

52 68.9 53.1 79.7

51 34.3 27.4 41.2



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



#4

n-Nitrosodimethylamine

Concen: 37.736 ng

RT: 3.03 min Scan# 161

Delta R.T. -0.00 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

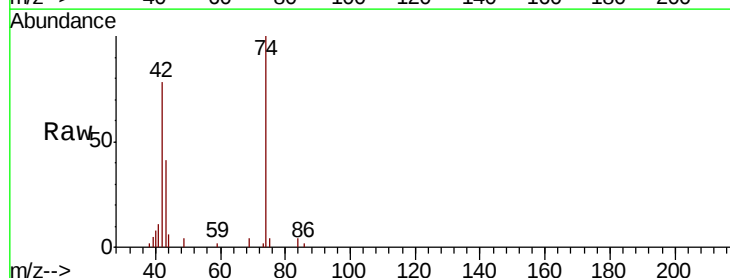
Tgt Ion: 42 Resp: 60503

Ion Ratio Lower Upper

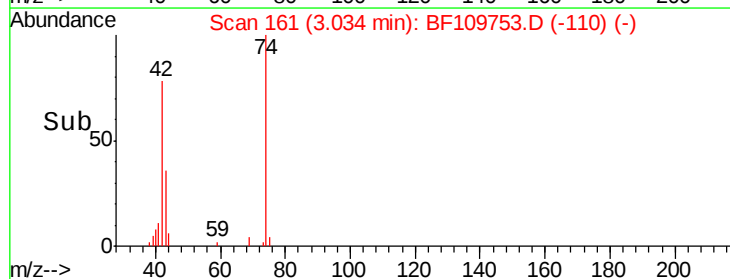
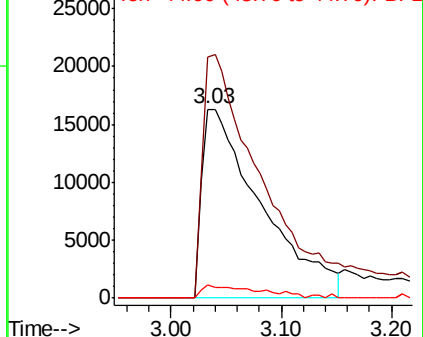
42 100

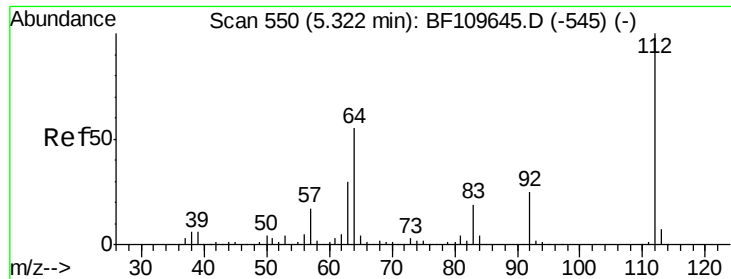
74 127.7 105.5 158.3

44 7.1 4.9 7.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

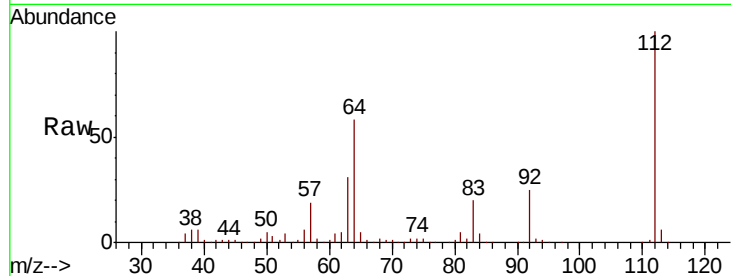




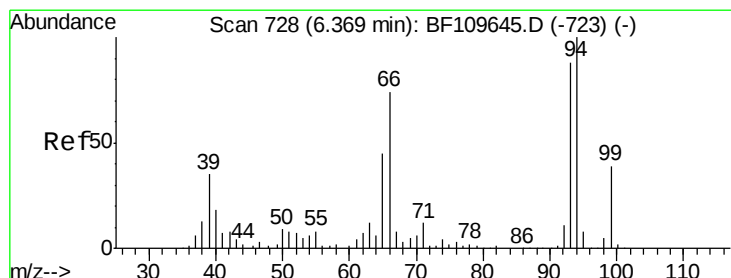
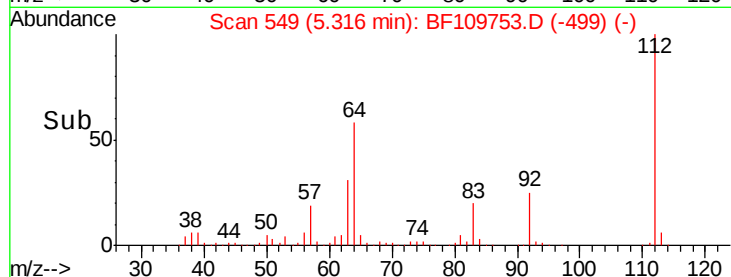
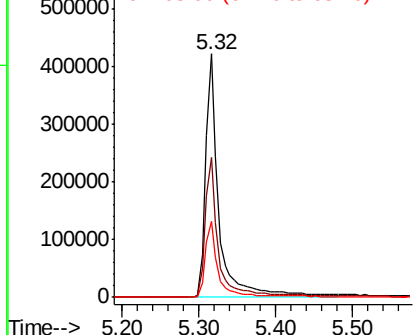
#5
 2-Fluorophenol
 Concen: 125.447 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MS

Tgt Ion: 112 Resp: 514643
 Ion Ratio Lower Upper
 112 100
 64 57.6 44.1 66.1
 63 31.1 23.7 35.5

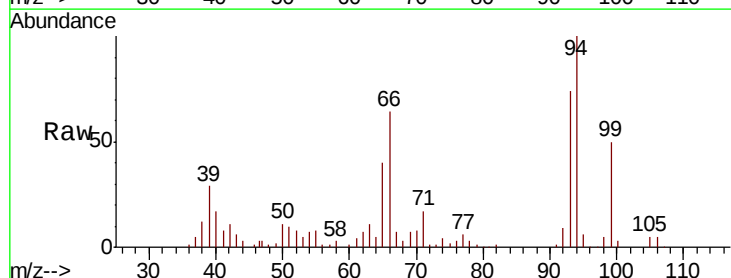


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

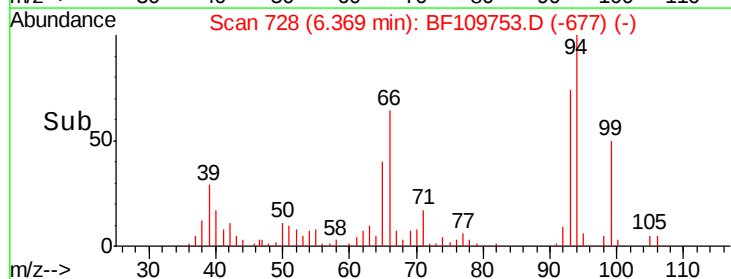
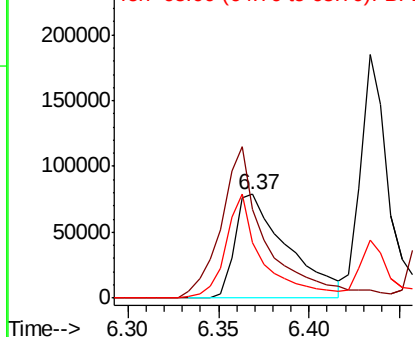


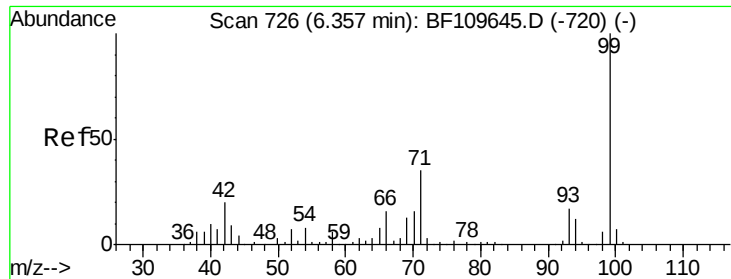
#6
 Aniline
 Concen: 24.804 ng
 RT: 6.37 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Tgt Ion: 93 Resp: 158353
 Ion Ratio Lower Upper
 93 100
 66 86.1 67.4 101.0
 65 53.8 41.0 61.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 66.00 (65.70 to 66.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.885 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Instrument :

BNA_F

ClientSampleId :

RBR200035MS

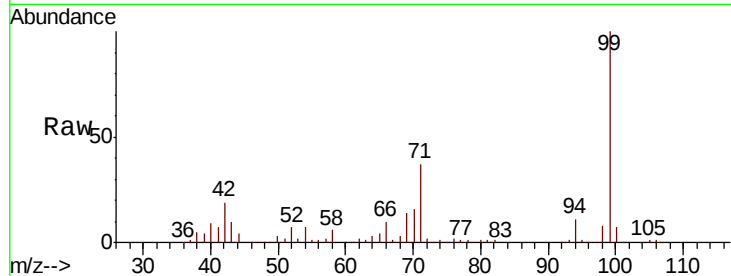
Tgt Ion: 99 Resp: 700865

Ion Ratio Lower Upper

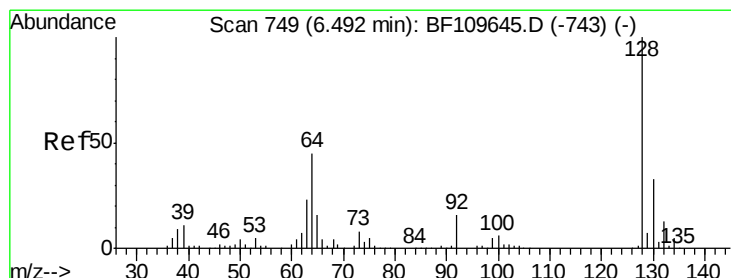
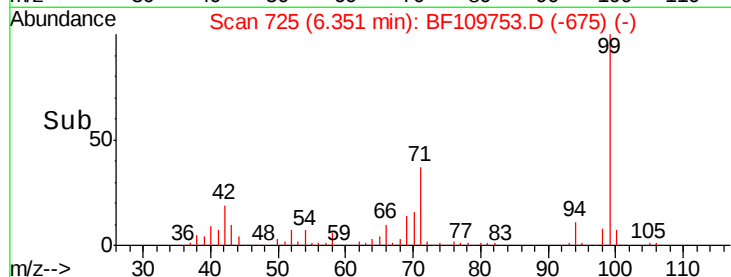
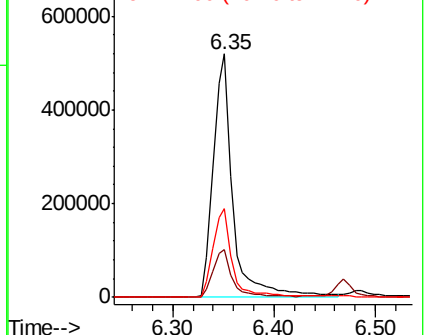
99 100

42 19.5 15.8 23.6

71 36.7 28.0 42.0



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



#8

2-Chlorophenol

Concen: 43.729 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

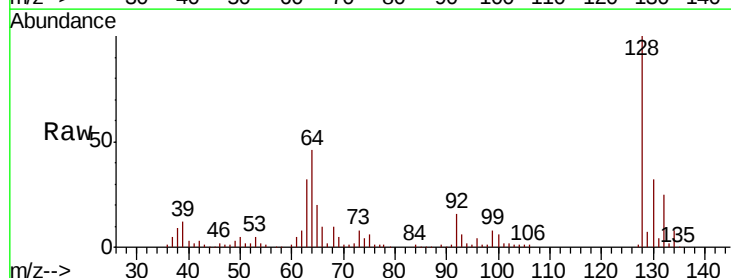
Tgt Ion: 128 Resp: 220631

Ion Ratio Lower Upper

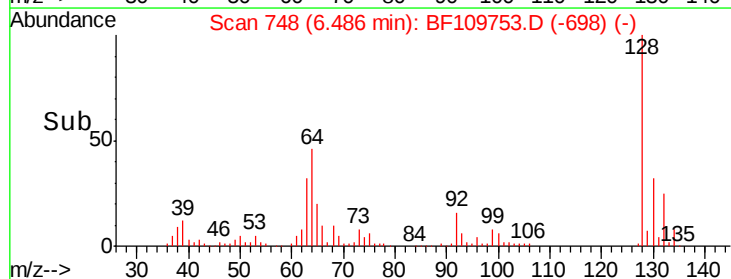
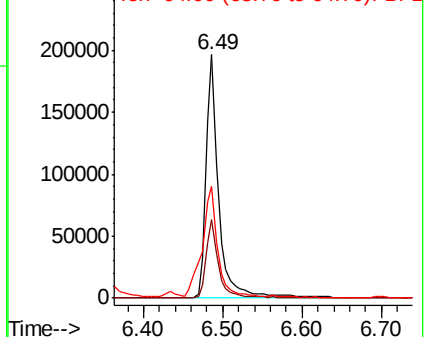
128 100

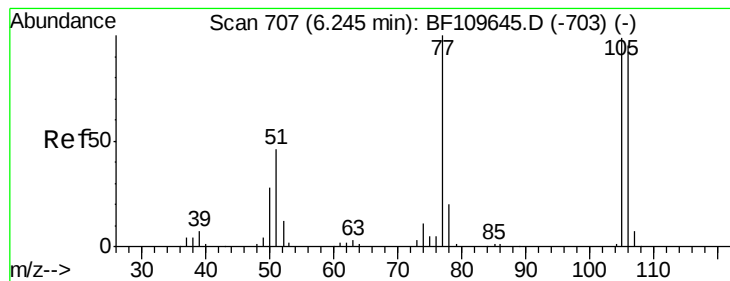
130 32.2 13.1 53.1

64 45.8 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 28.403 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Instrument :

BNA_F

ClientSampleId :

RBR200035MS

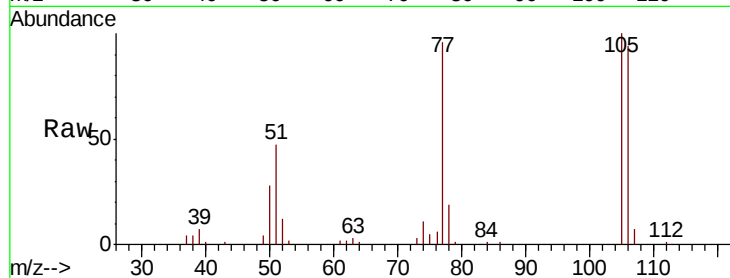
Tgt Ion: 77 Resp: 100166

Ion Ratio Lower Upper

77 100

105 103.6 78.6 118.6

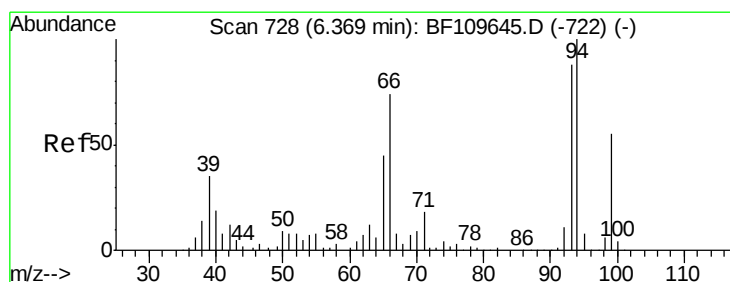
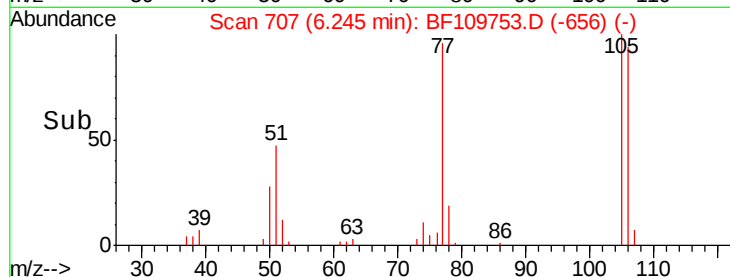
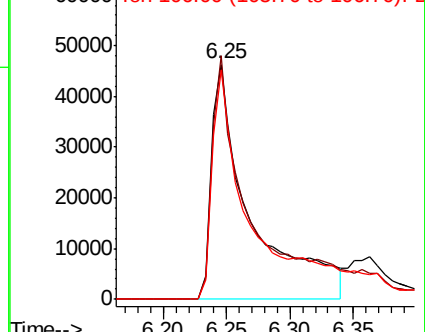
106 97.7 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.899 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

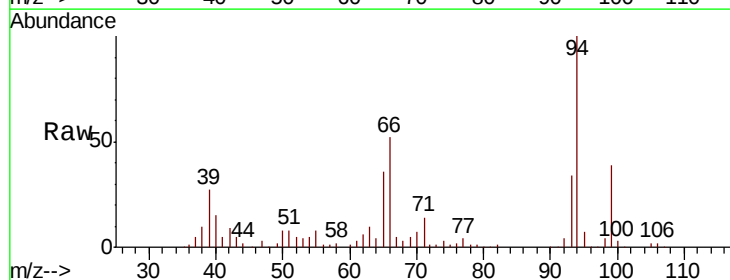
Tgt Ion: 94 Resp: 269592

Ion Ratio Lower Upper

94 100

65 35.7 25.3 65.3

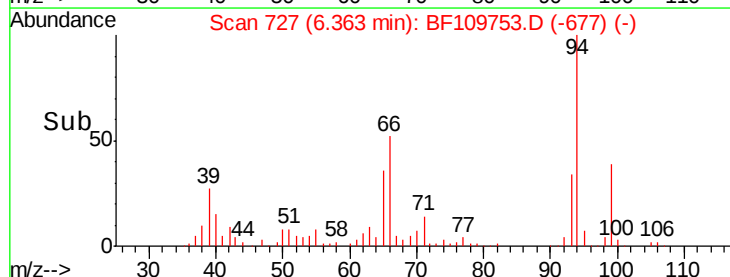
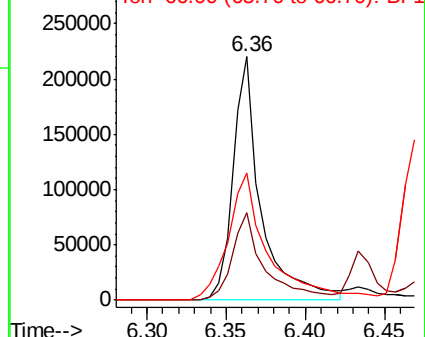
66 52.0 54.5 94.5#

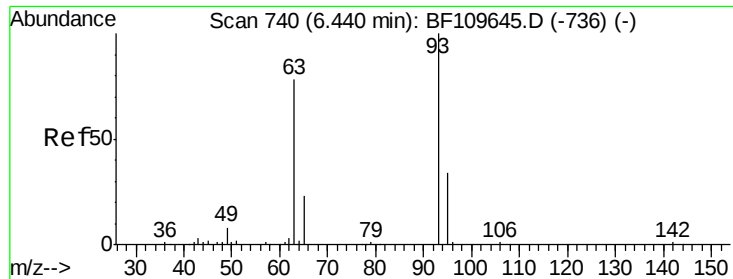


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

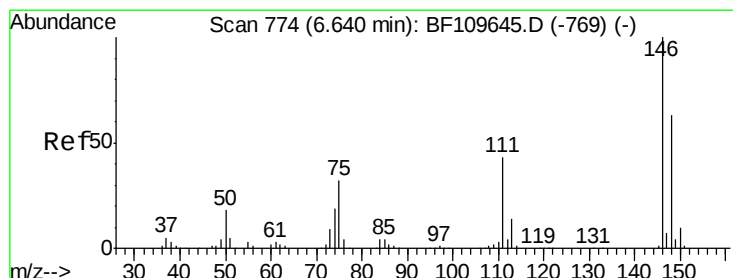
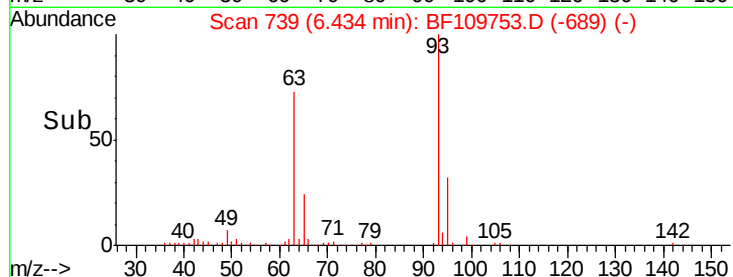
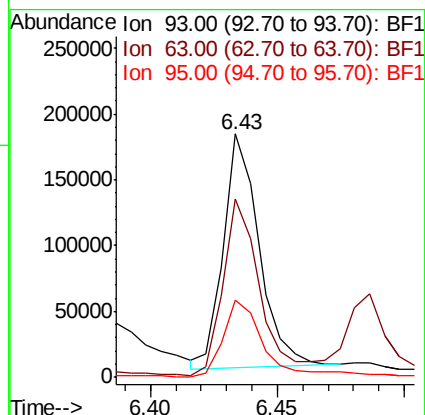
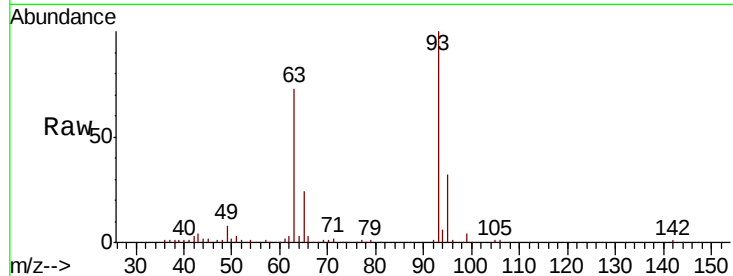




#11
bis(2-Chloroethyl)ether
Concen: 33.724 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

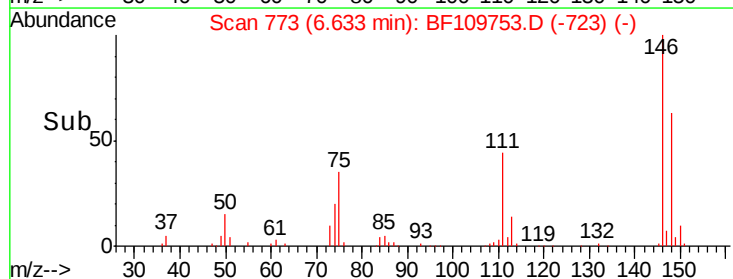
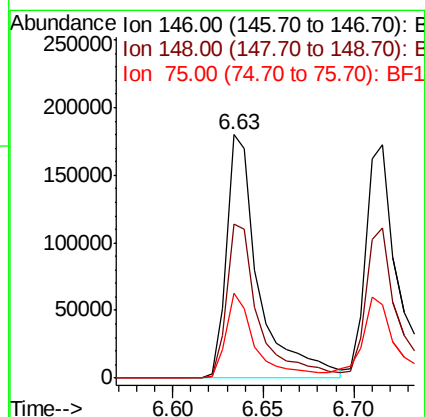
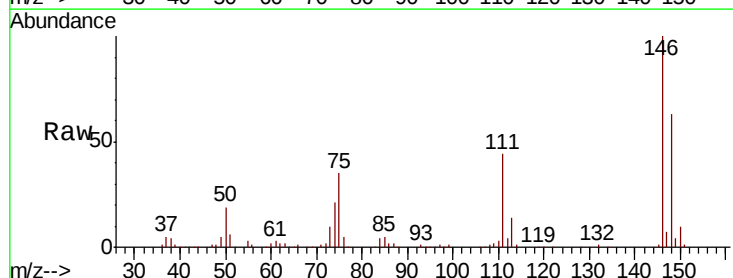
Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tgt Ion:	93	Resp:	175700
Ion	Ratio	Lower	Upper
93	100		
63	73.3	53.4	93.4
95	31.6	12.1	52.1



#12
1,3-Dichlorobenzene
Concen: 38.611 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion:	146	Resp:	222812
Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.4	75.6
75	34.9	25.8	38.6

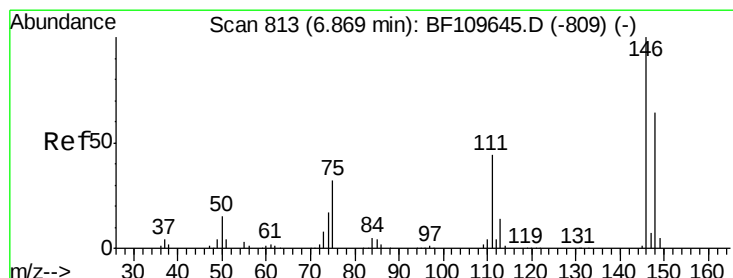
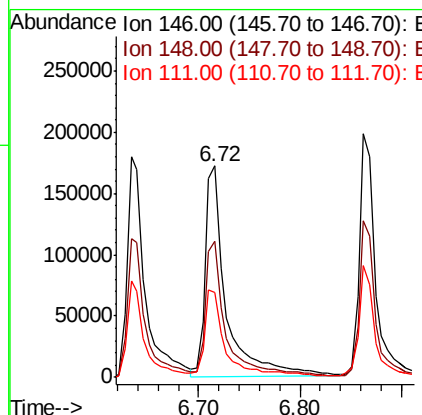
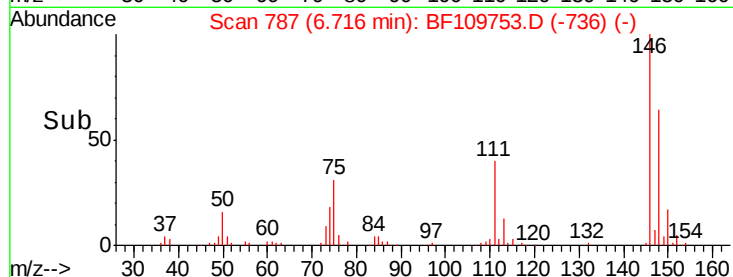
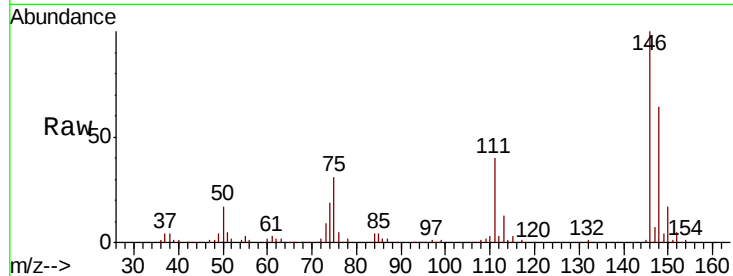




#13
 1,4-Dichlorobenzene
 Concen: 39.831 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

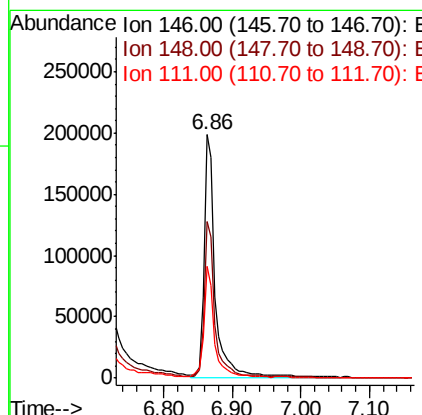
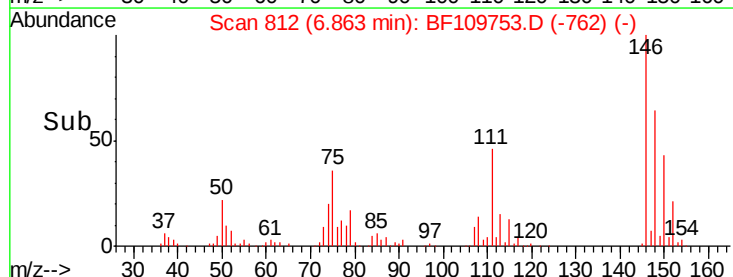
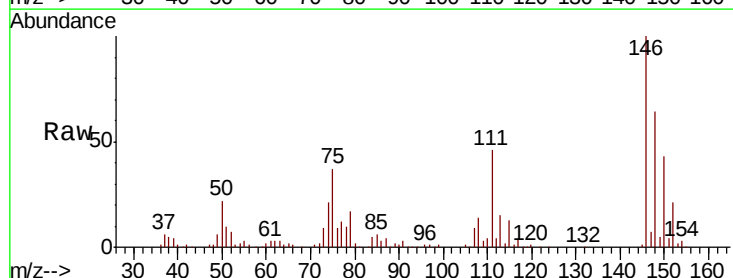
Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MS

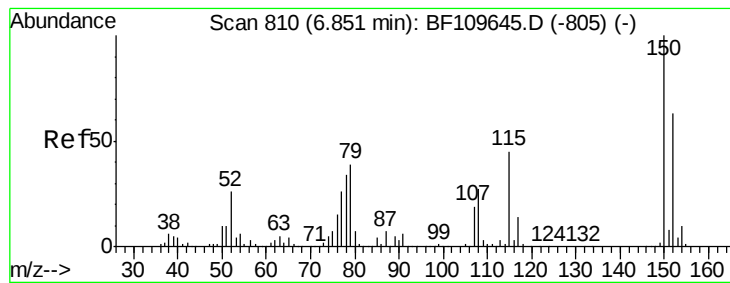
Tgt Ion:146 Resp: 250558
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.3 75.5
 111 40.3 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 41.301 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Tgt Ion:146 Resp: 228165
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.1 76.7
 111 46.2 35.8 53.6





#15

Benzyl Alcohol

Concen: 43.015 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Instrument :

BNA_F

ClientSampleId :

RBR200035MS

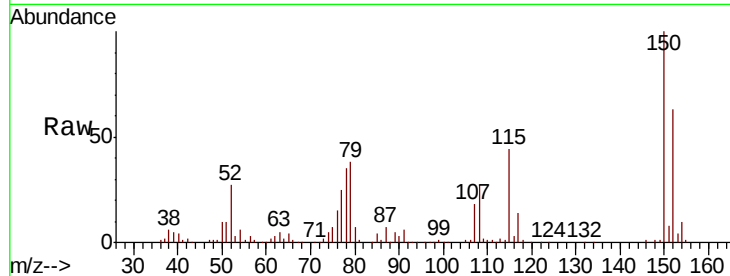
Tgt Ion: 79 Resp: 174767

Ion Ratio Lower Upper

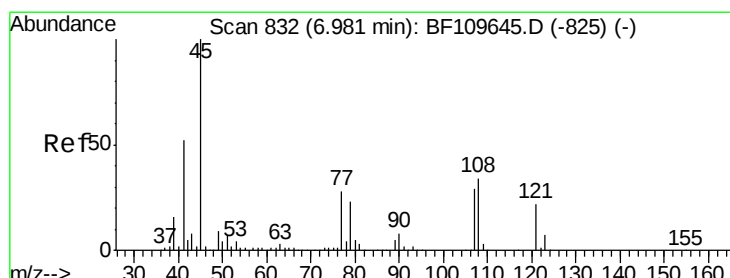
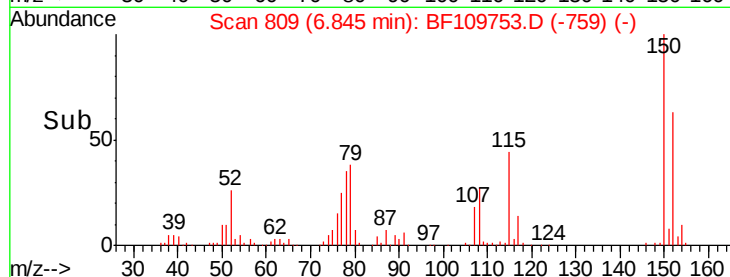
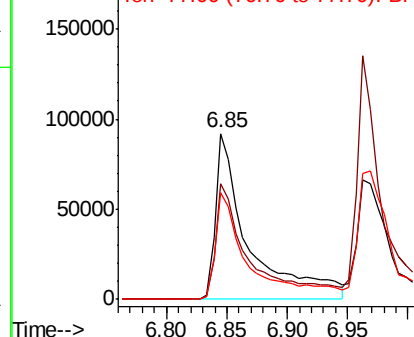
79 100

108 69.5 56.3 84.5

77 64.8 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.828 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

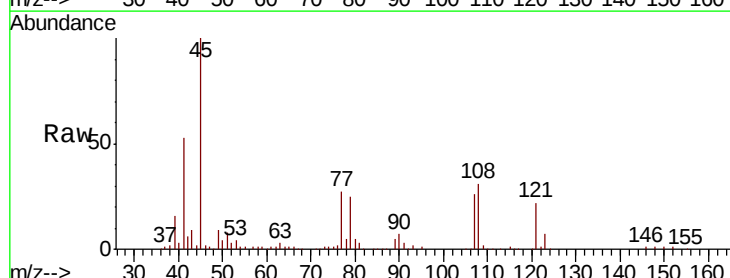
Tgt Ion: 45 Resp: 282057

Ion Ratio Lower Upper

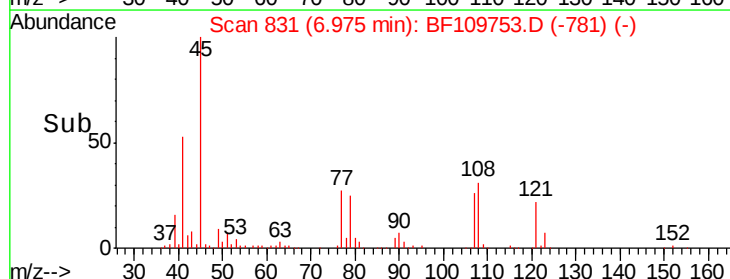
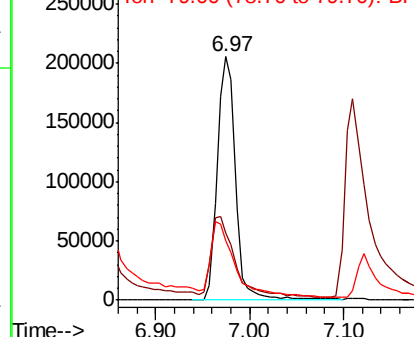
45 100

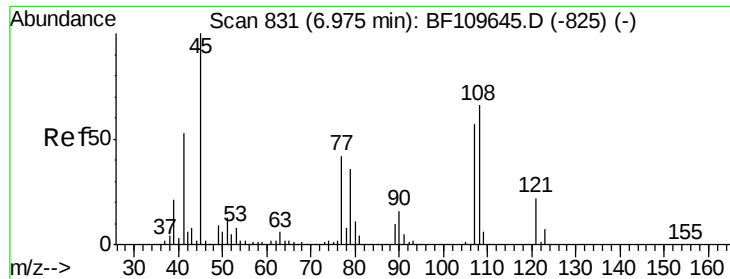
77 27.5 10.0 50.0

79 24.5 6.1 46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

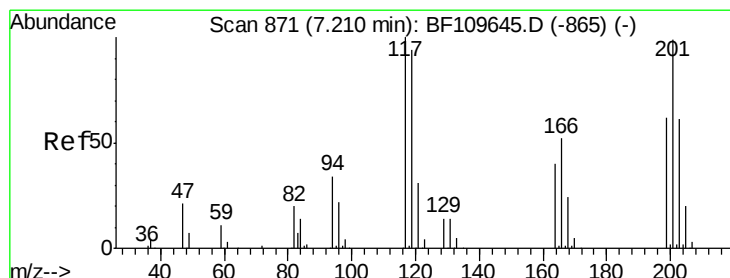
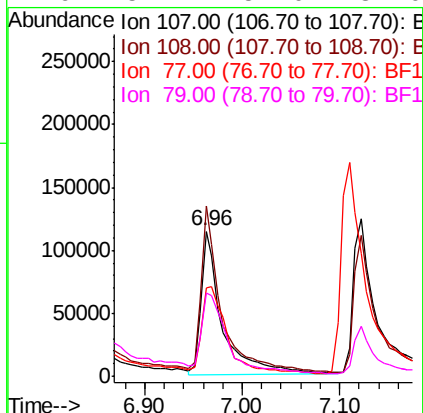
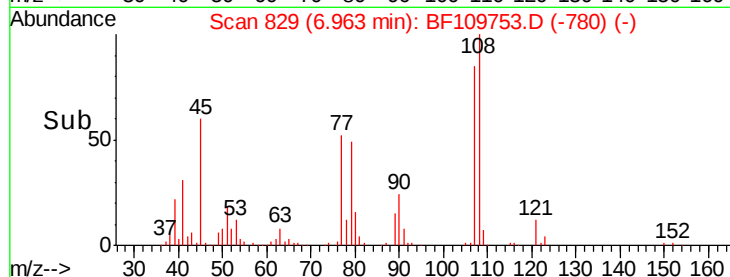
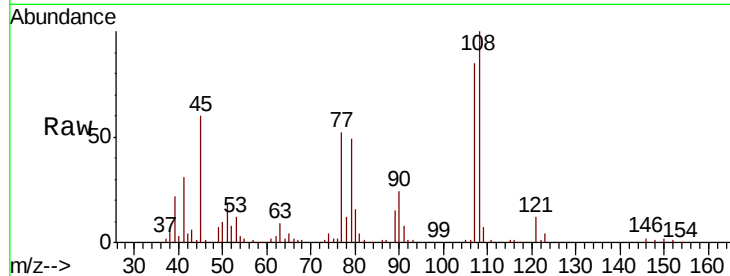




#17
2-Methylphenol
Concen: 42.565 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

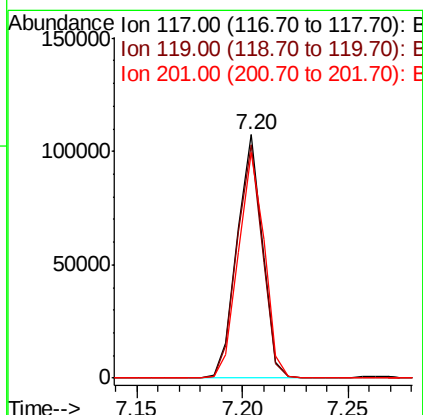
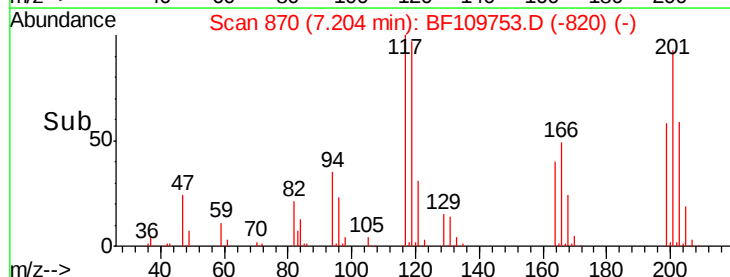
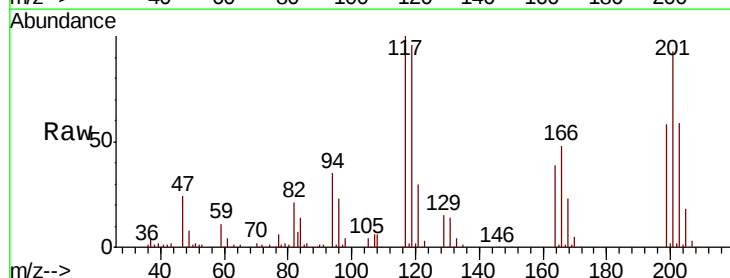
Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tgt Ion:107 Resp: 169832
Ion Ratio Lower Upper
107 100
108 117.1 92.6 138.8
77 60.7 59.4 89.2
79 57.4 54.0 81.0



#18
Hexachloroethane
Concen: 39.927 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion:117 Resp: 88777
Ion Ratio Lower Upper
117 100
119 95.9 75.0 112.6
201 92.7 79.2 118.8

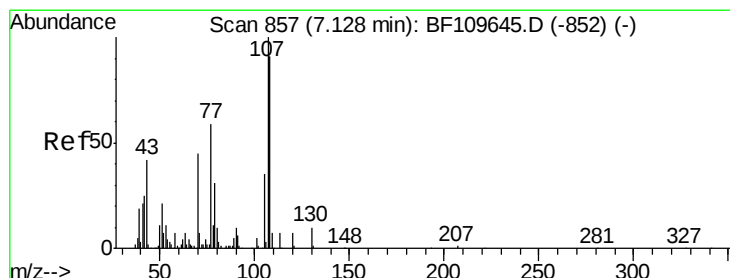
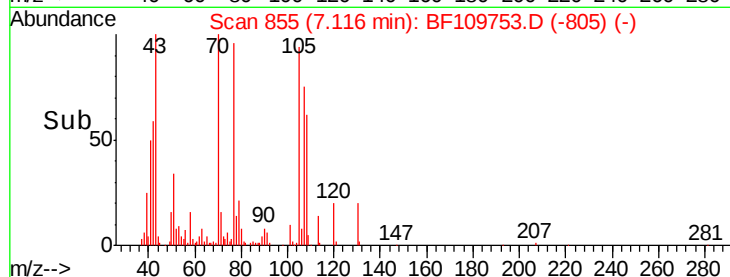
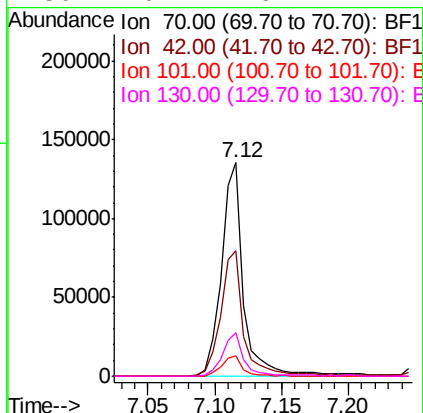
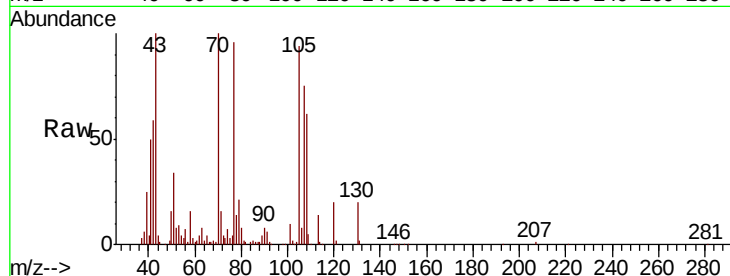




#19
n-Nitroso-di-n-propylamine
Concen: 40.858 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

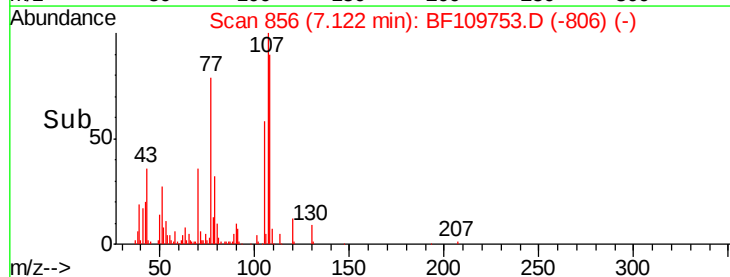
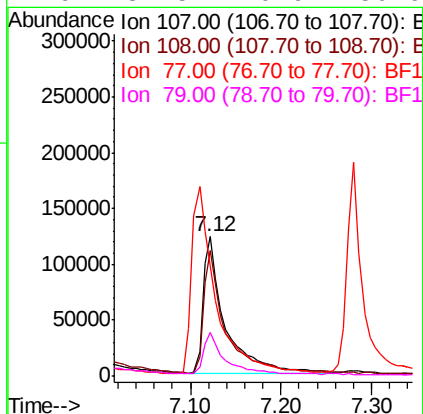
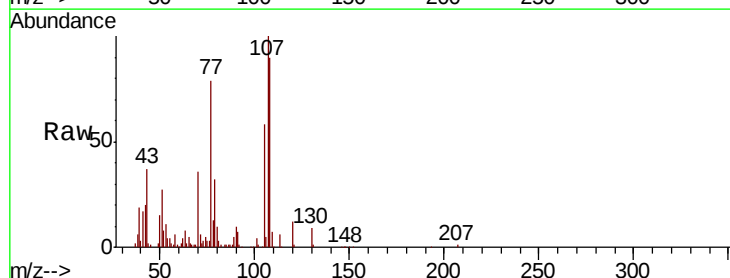
Instrument :
BNA_F
ClientSampleId :
RBR200035MS

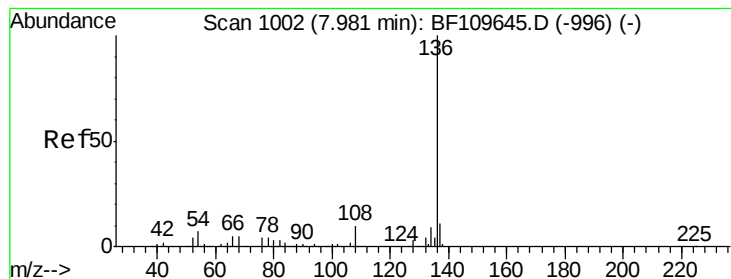
Tgt Ion:	70	Resp:	157030
Ion	Ratio	Lower	Upper
70	100		
42	58.6	47.4	71.2
101	9.6	7.3	10.9
130	20.4	16.2	24.2



#20
3+4-Methylphenols
Concen: 42.531 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion:	107	Resp:	209104
Ion	Ratio	Lower	Upper
107	100		
108	90.1	71.4	111.4
77	78.7	47.3	87.3
79	31.5	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Instrument :

BNA_F

ClientSampleId :

RBR200035MS

Tgt Ion:136 Resp: 296061

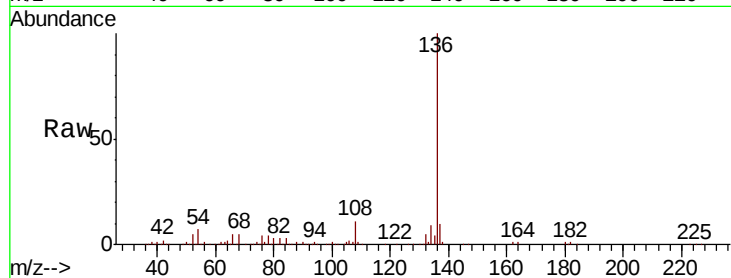
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 7.2 5.4 8.2

68 5.3 4.2 6.2

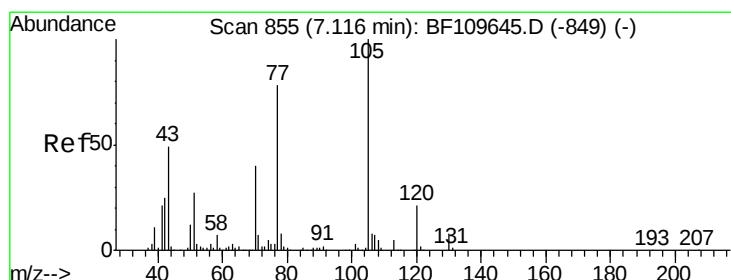
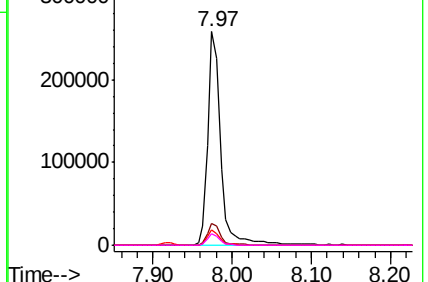
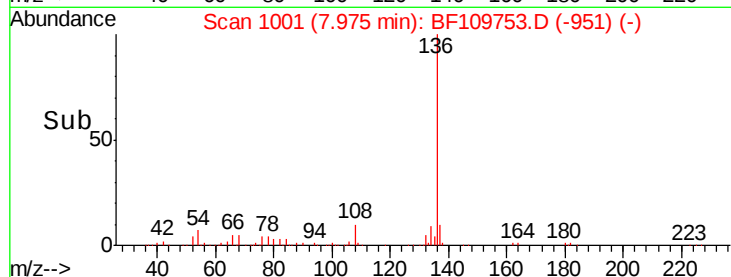


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.776 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Tgt Ion:105 Resp: 320567

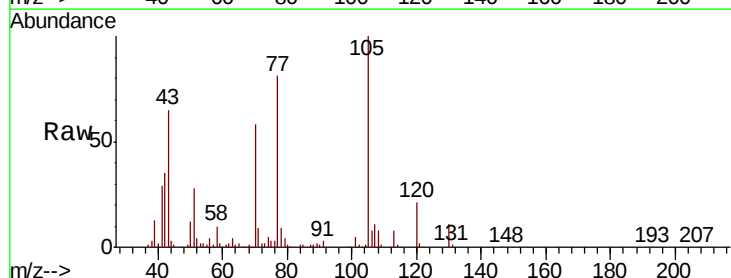
Ion Ratio Lower Upper

105 100

71 9.2 5.2 7.8#

51 28.2 21.8 32.8

120 21.4 17.0 25.4

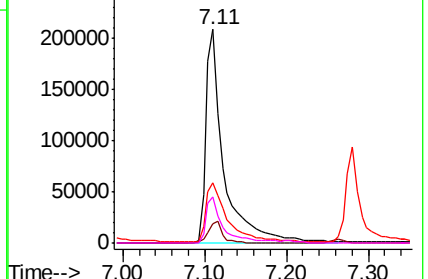
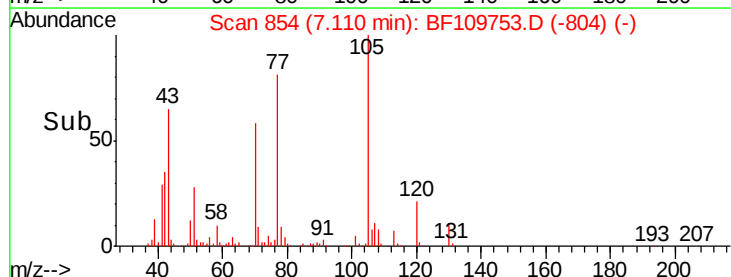


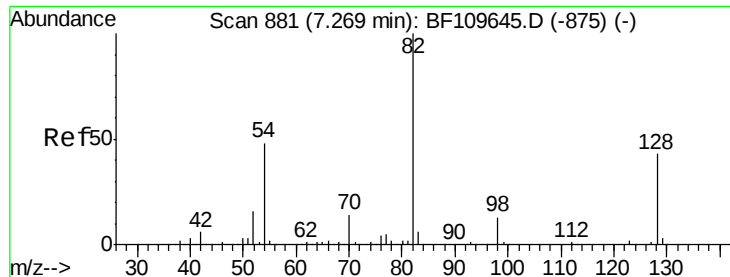
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

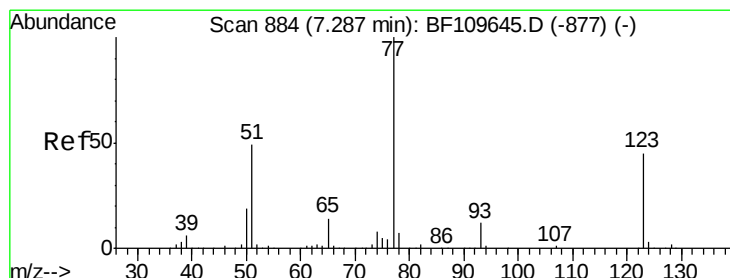
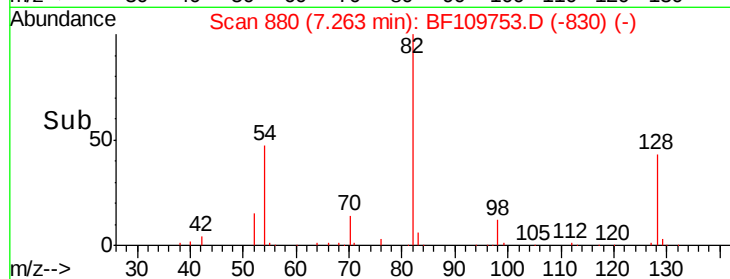
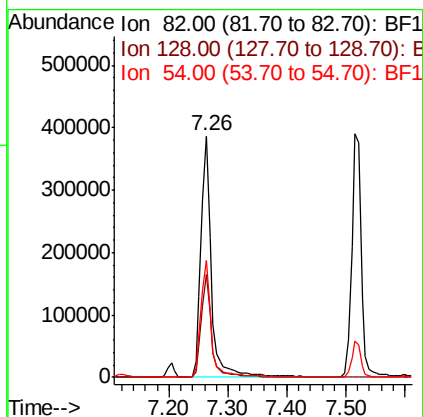
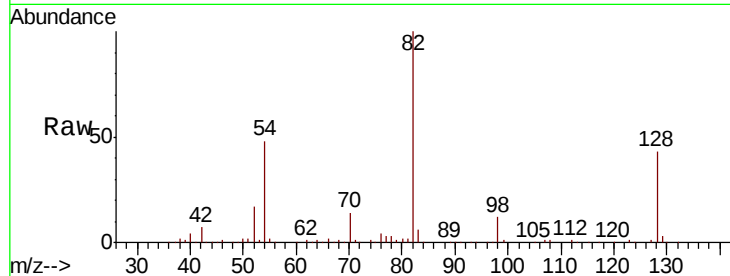




#23
 Nitrobenzene-d5
 Concen: 88.570 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

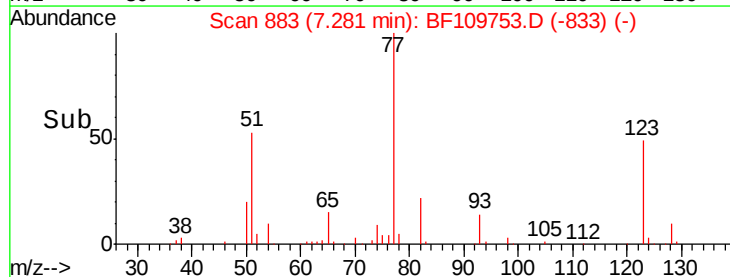
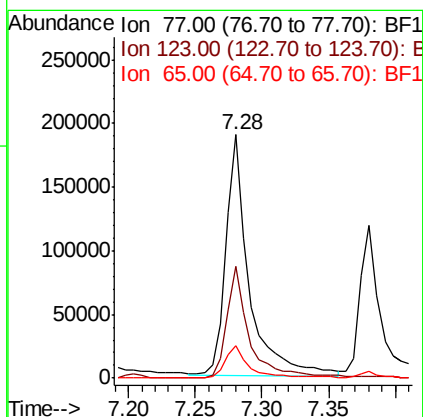
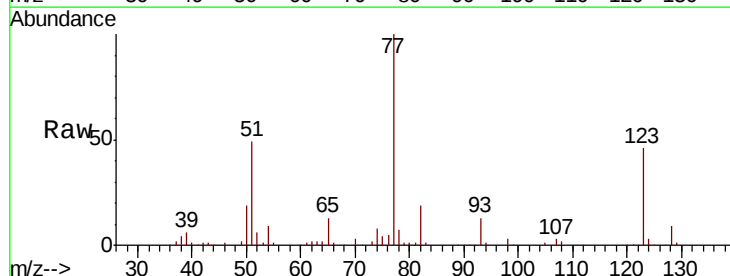
Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MS

Tgt Ion: 82 Resp: 475701
 Ion Ratio Lower Upper
 82 100
 128 42.8 34.2 51.2
 54 48.2 38.6 58.0



#24
 Nitrobenzene
 Concen: 41.787 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Tgt Ion: 77 Resp: 233538
 Ion Ratio Lower Upper
 77 100
 123 46.0 35.7 53.5
 65 13.5 10.7 16.1

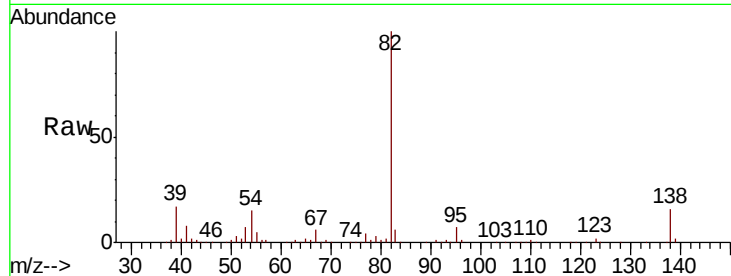




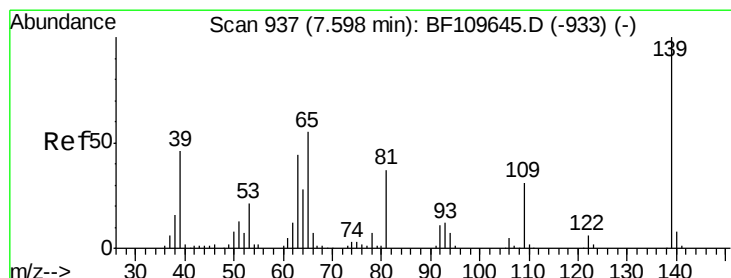
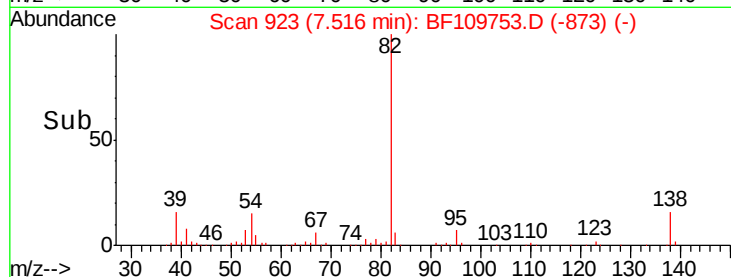
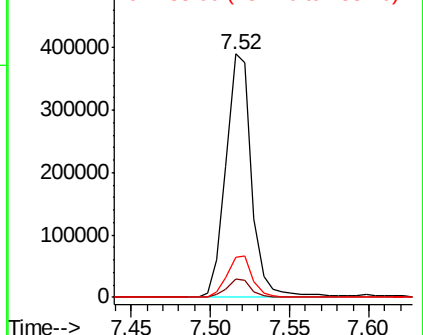
#25
Isophorone
Concen: 48.996 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tgt Ion: 82 Resp: 436978
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 16.4 13.2 19.8

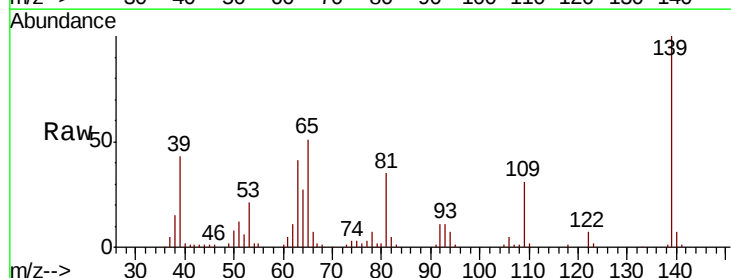


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

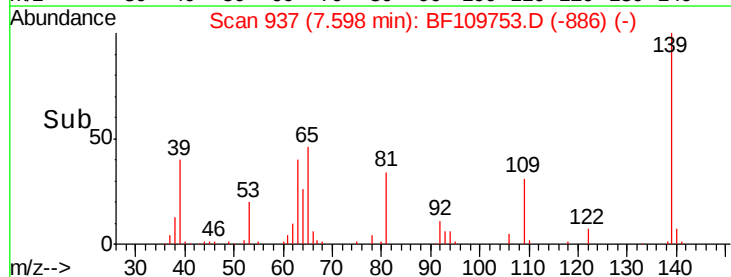
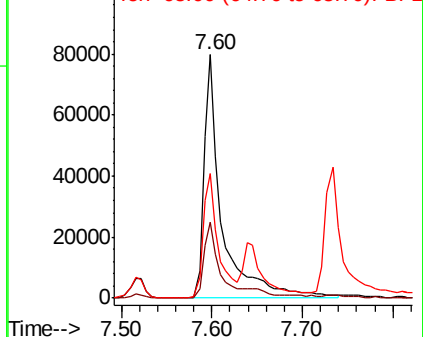


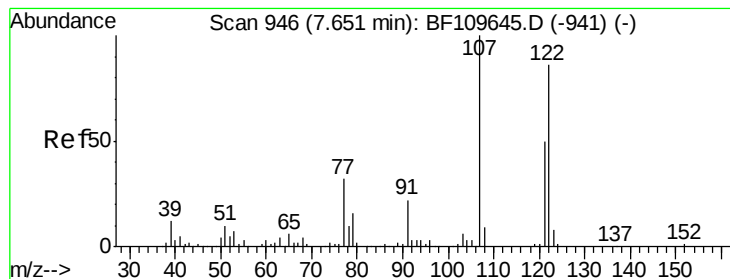
#26
2-Nitrophenol
Concen: 42.373 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion: 139 Resp: 110767
Ion Ratio Lower Upper
139 100
109 31.4 25.0 37.6
65 51.2 44.0 66.0



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: 49.422 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Instrument :

BNA_F

ClientSampleId :

RBR200035MS

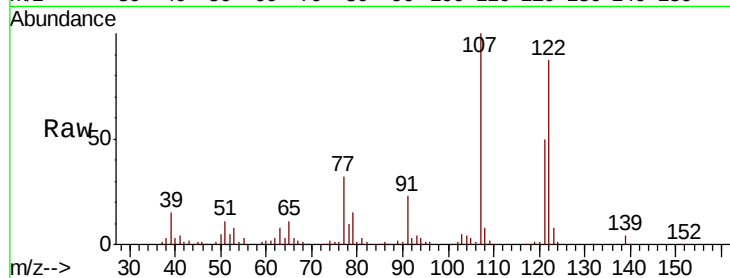
Tgt Ion: 122 Resp: 186565

Ion Ratio Lower Upper

122 100

107 115.0 92.5 138.7

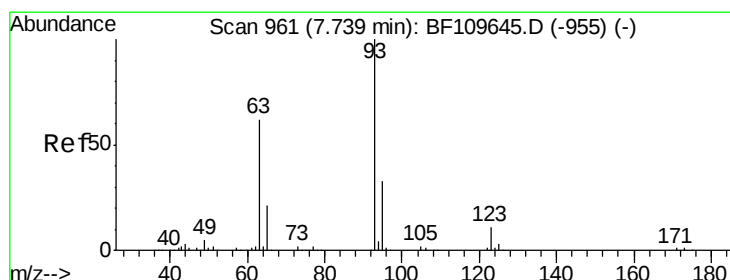
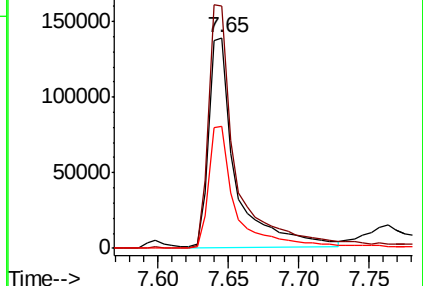
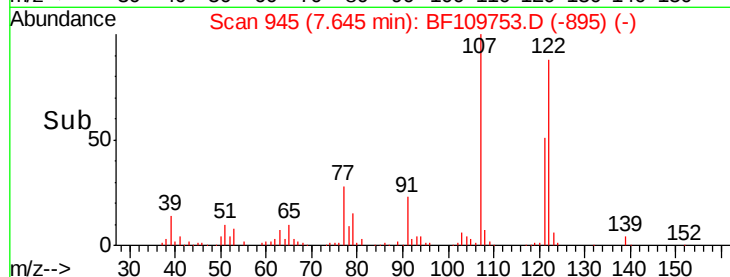
121 58.0 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.697 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

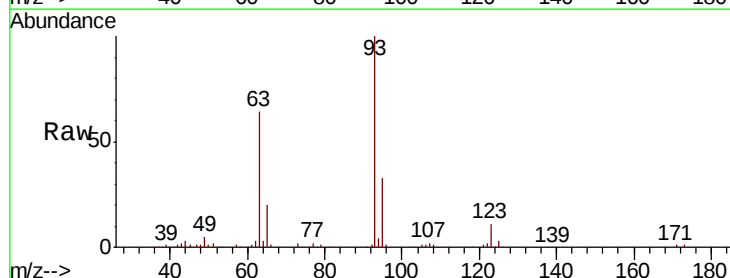
Tgt Ion: 93 Resp: 269639

Ion Ratio Lower Upper

93 100

95 33.0 26.4 39.6

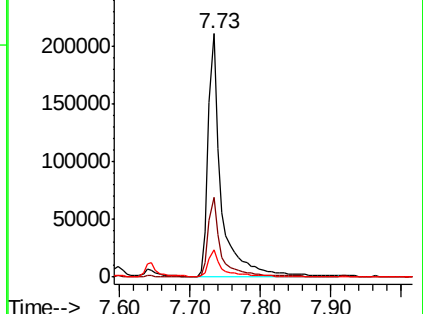
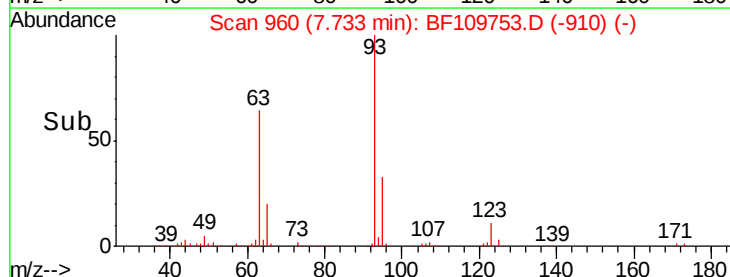
123 11.1 9.0 13.6

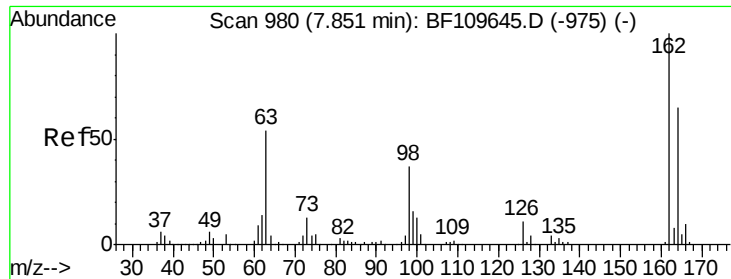


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

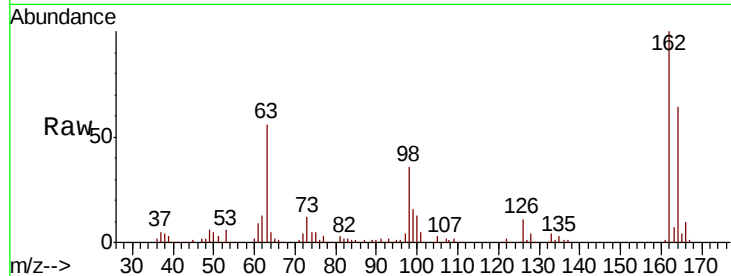




#29
2,4-Dichlorophenol
Concen: 45.165 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.6	84.6
98	36.2	17.4	57.4

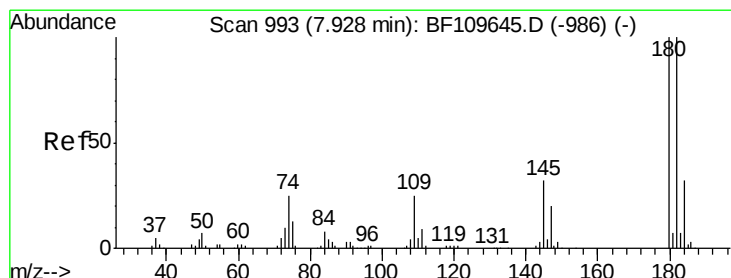
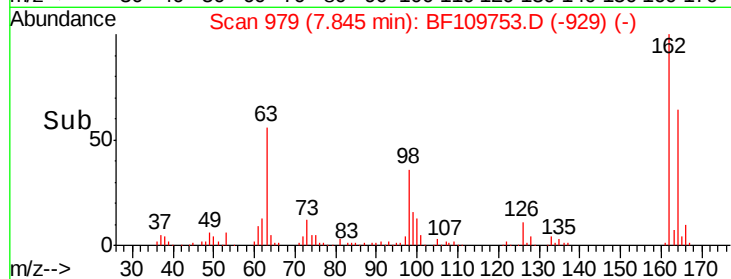
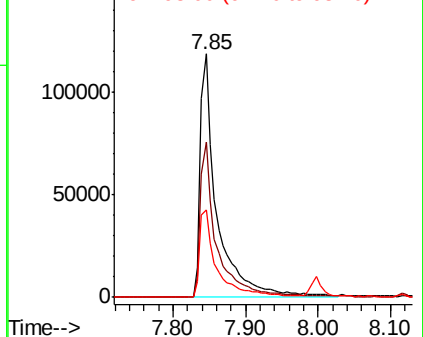


Abundance

Ion 162.00 (161.70 to 162.70): E

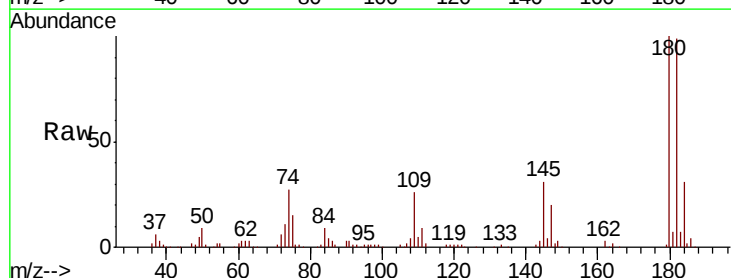
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.975 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.0	80.3	120.5
145	31.0	25.4	38.0

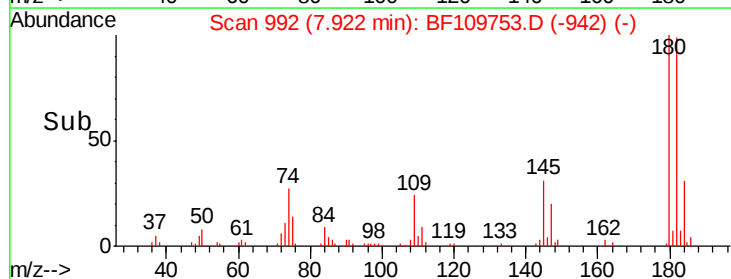
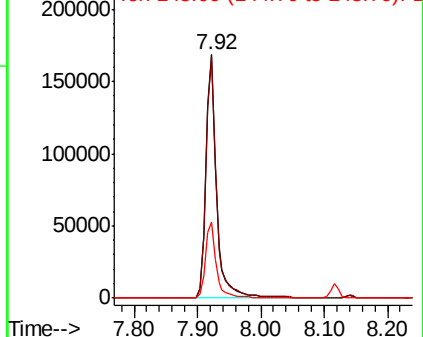


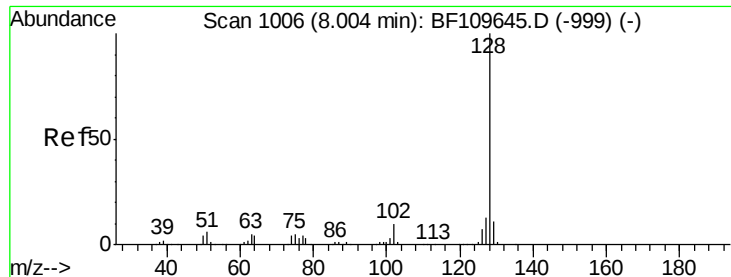
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

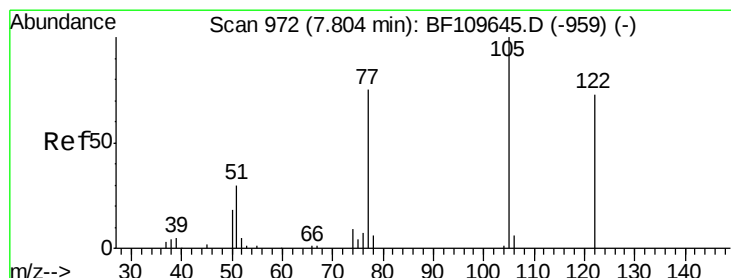
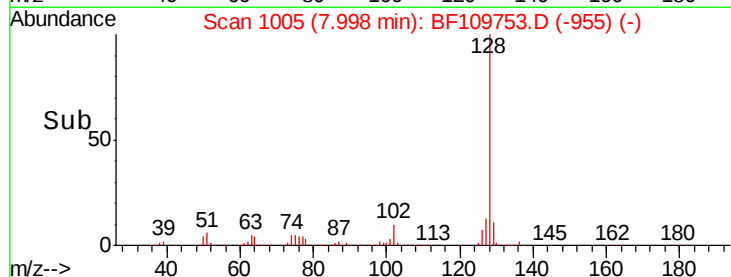
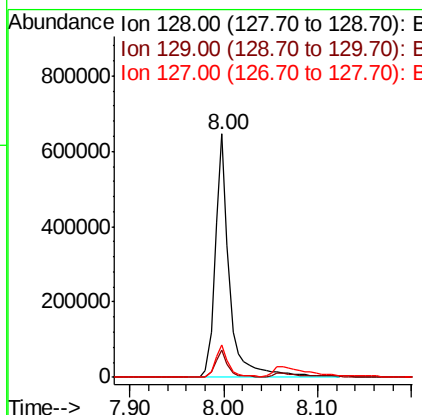
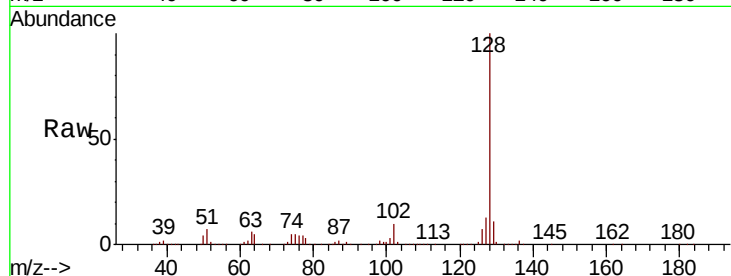




#31
Naphthalene
Concen: 50.490 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

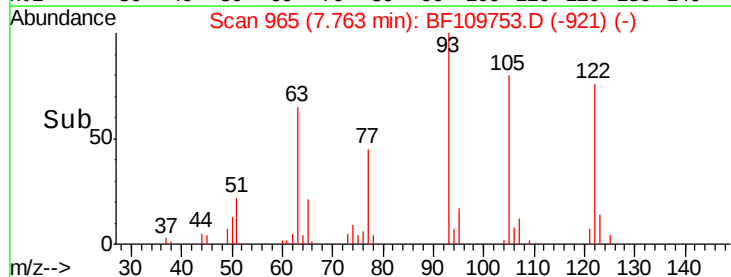
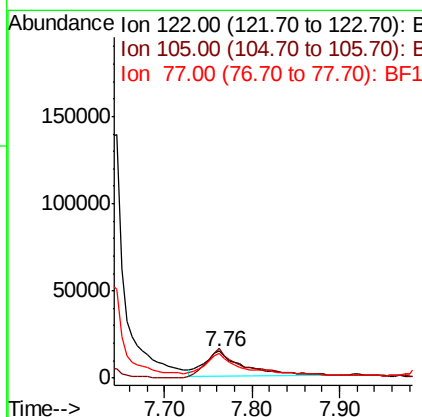
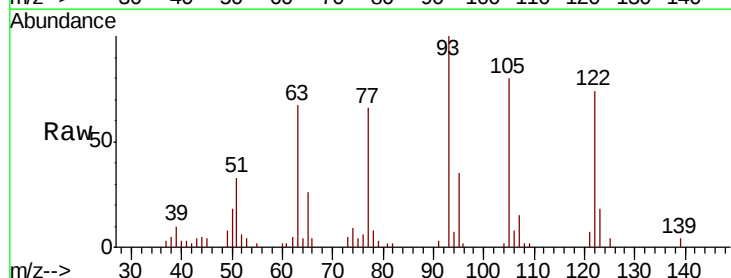
Instrument :
BNA_F
ClientSampleId :
RBR200035MS

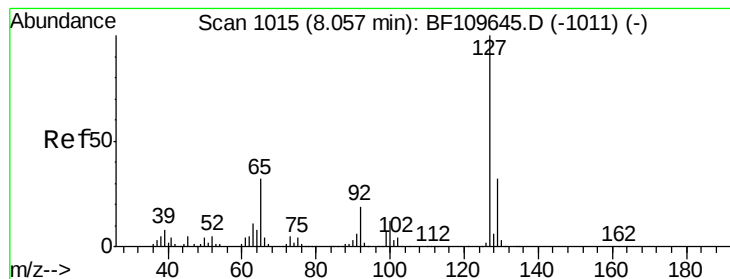
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.4	10.8	16.2



#32
Benzoic acid
Concen: 16.290 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.04 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	108.1	109.0	149.0#
77	89.5	79.0	119.0





#33

4-Chloroaniline

Concen: 14.301 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Instrument :

BNA_F

ClientSampleId :

RBR200035MS

Tgt Ion:127 Resp: 86228

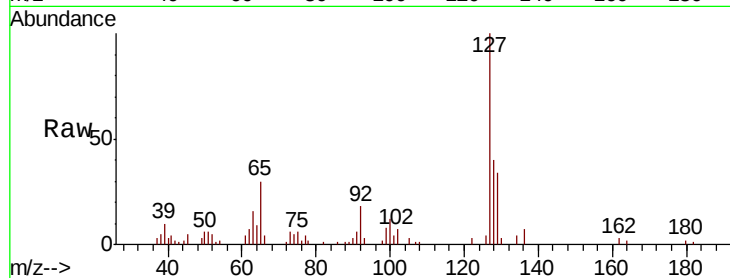
Ion Ratio Lower Upper

127 100

129 34.4 26.0 39.0

65 29.8 25.1 37.7

92 17.6 15.0 22.6

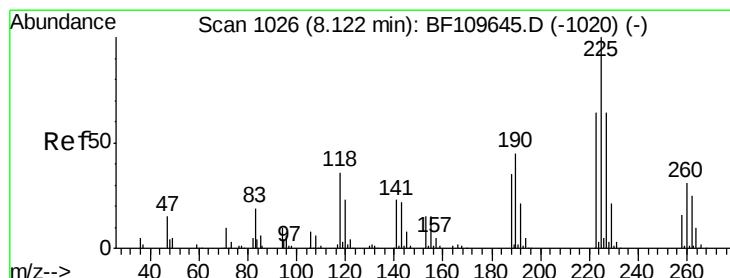
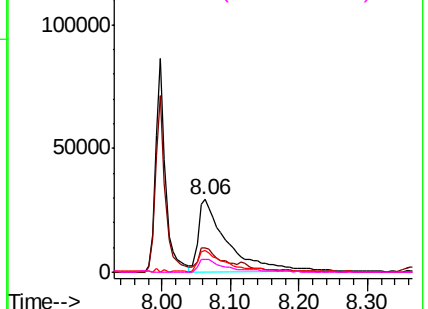
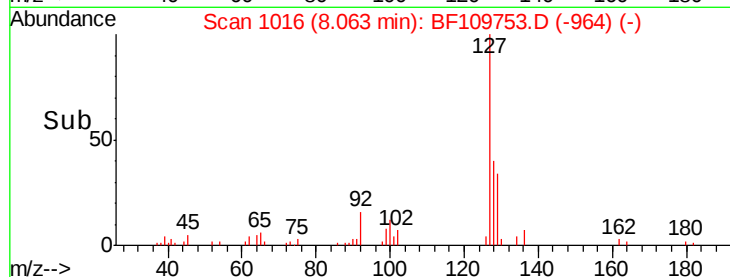


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.506 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

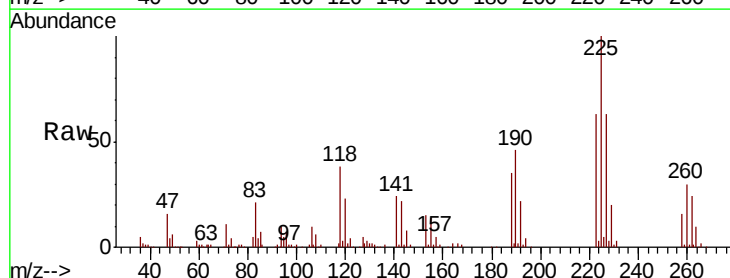
Tgt Ion:225 Resp: 115135

Ion Ratio Lower Upper

225 100

223 63.0 51.4 77.2

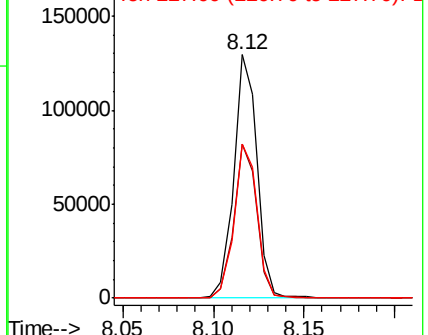
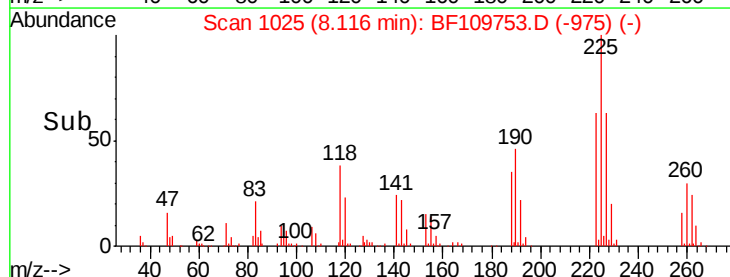
227 63.2 51.0 76.6

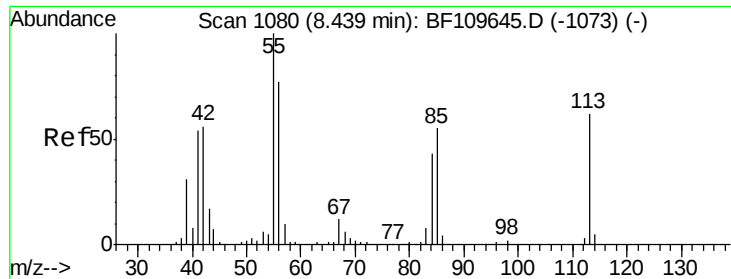


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

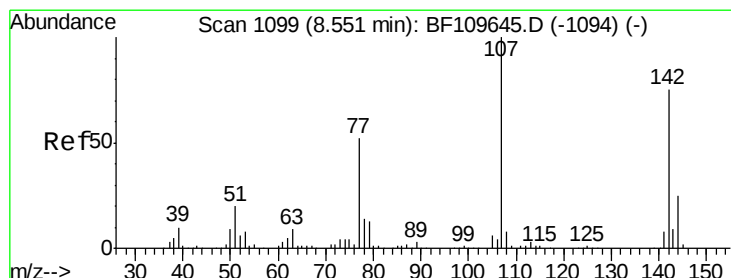
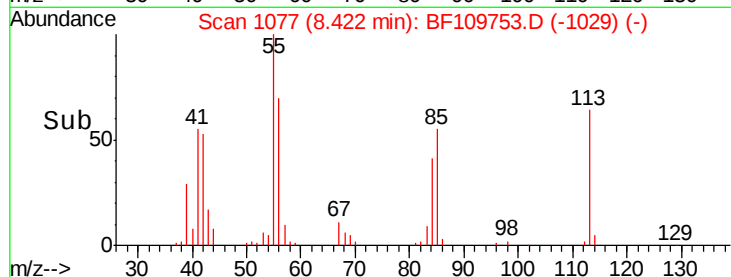
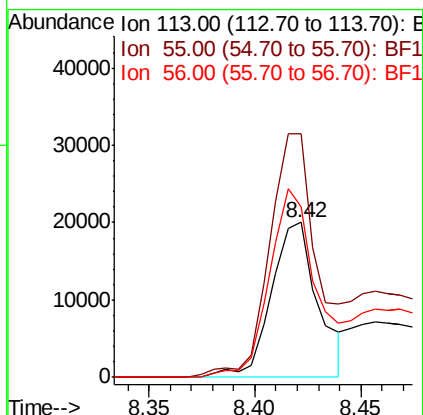
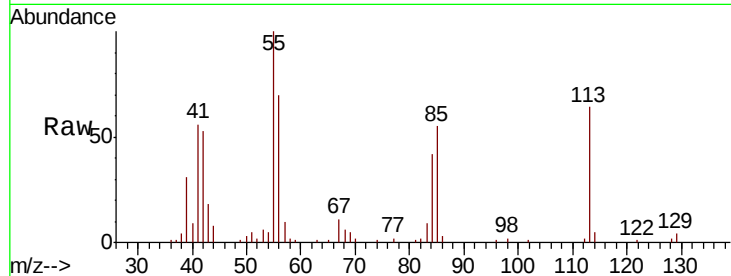




#35
 Caprolactam
 Concen: 24.333 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.02 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

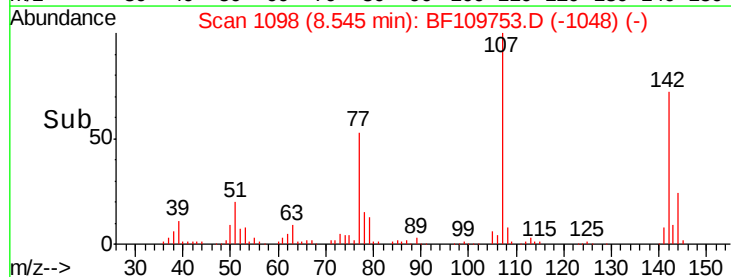
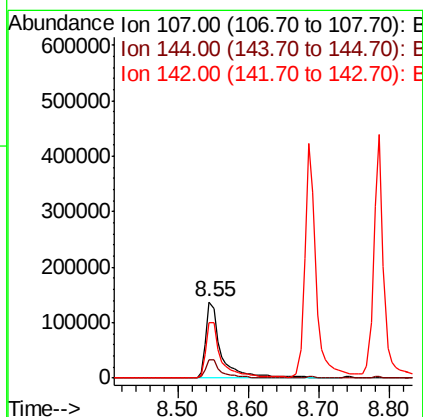
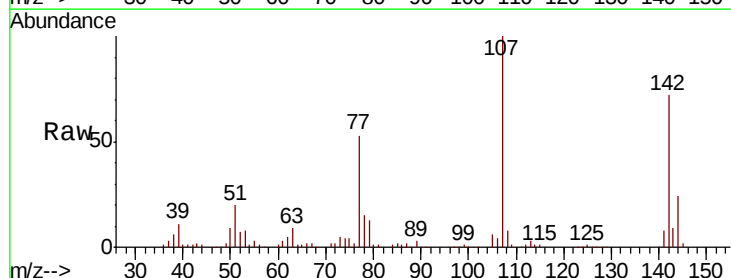
Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MS

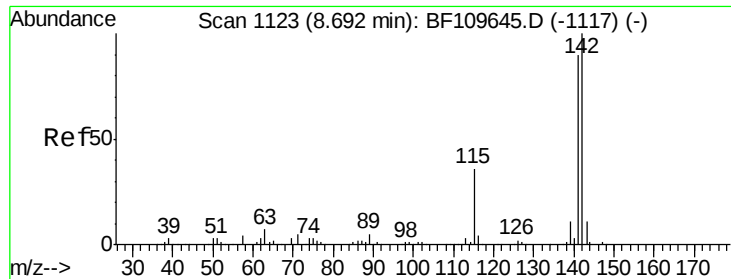
Tgt Ion:113 Resp: 30770
 Ion Ratio Lower Upper
 113 100
 55 157.2 142.8 182.8
 56 110.0 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 46.297 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Tgt Ion:107 Resp: 206927
 Ion Ratio Lower Upper
 107 100
 144 23.9 20.0 30.0
 142 71.9 59.7 89.5

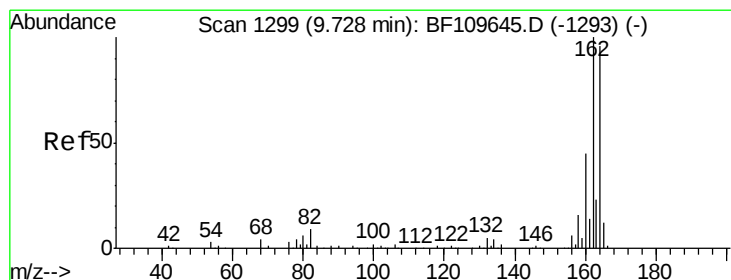
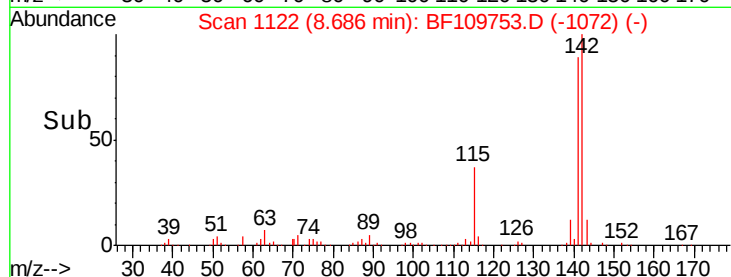
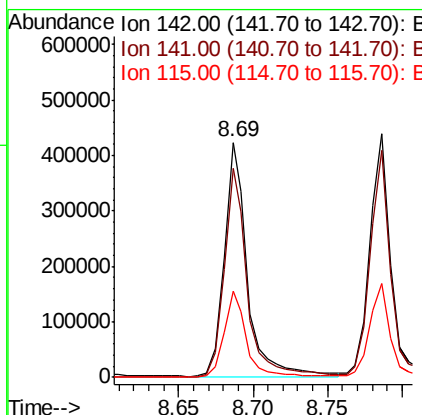
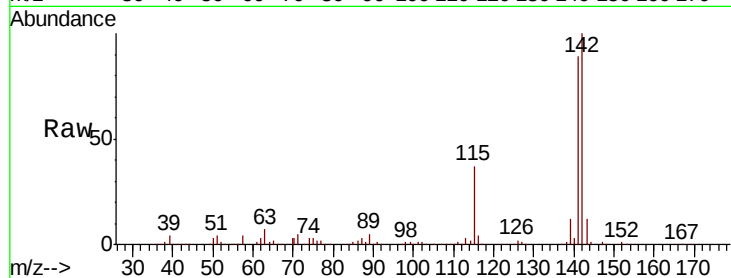




#37
 2-Methylnaphthalene
 Concen: 52.049 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

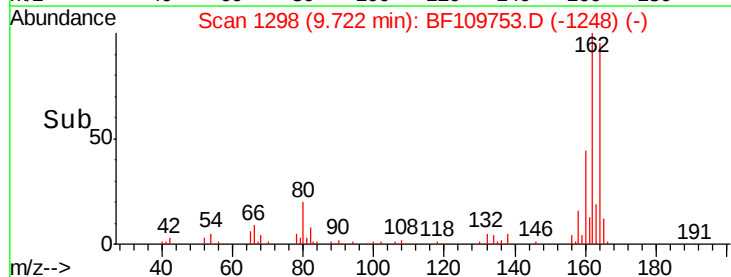
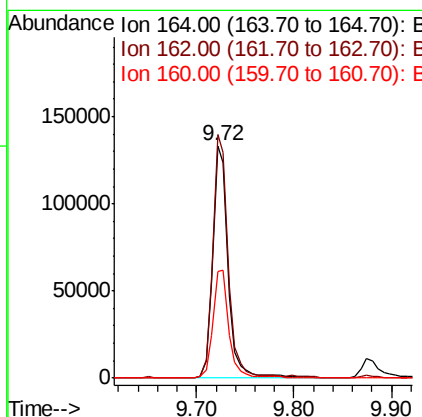
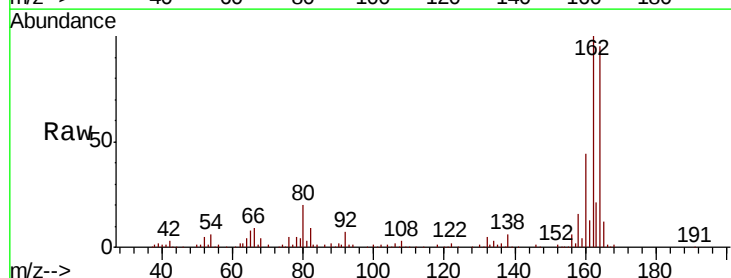
Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MS

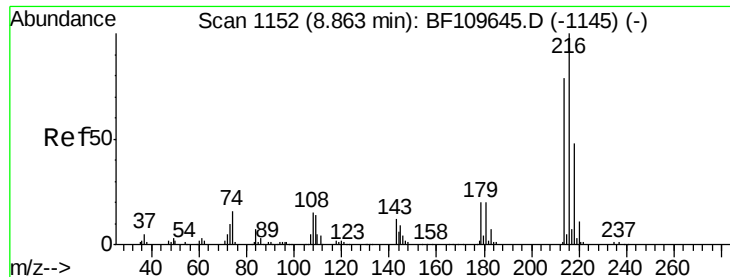
Tgt Ion:142 Resp: 466814
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.4 107.2
 115 36.6 28.7 43.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Tgt Ion:164 Resp: 145801
 Ion Ratio Lower Upper
 164 100
 162 104.8 83.0 124.6
 160 45.9 37.0 55.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.839 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Instrument :

BNA_F

ClientSampleId :

RBR200035MS

Tgt Ion:216 Resp: 202689

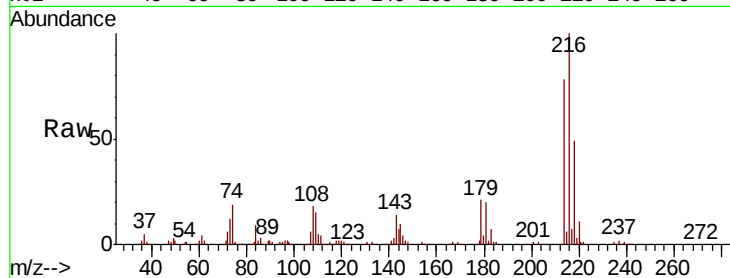
Ion Ratio Lower Upper

216 100

214 78.2 63.8 95.6

179 20.4 16.6 25.0

108 20.8 15.1 22.7

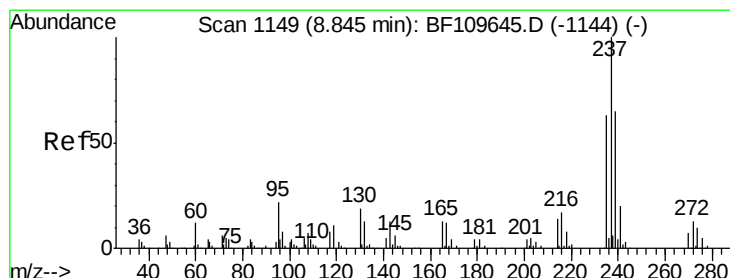
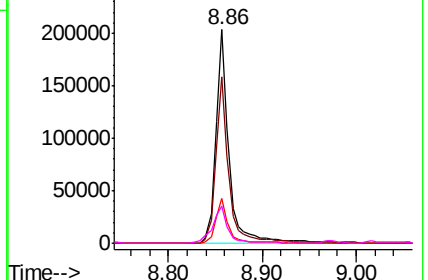
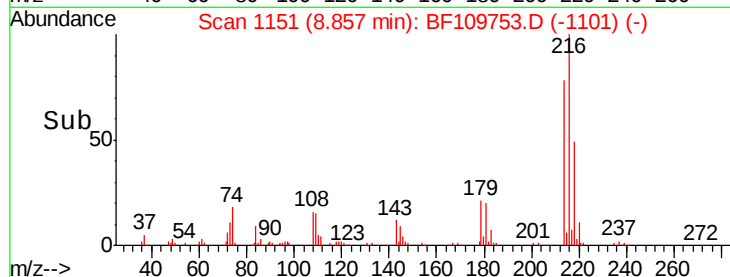


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 71.265 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

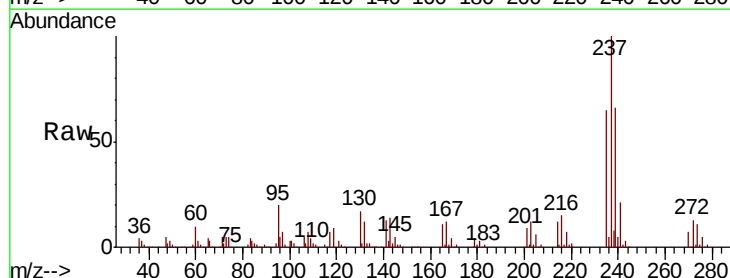
Tgt Ion:237 Resp: 152994

Ion Ratio Lower Upper

237 100

235 64.9 43.1 83.1

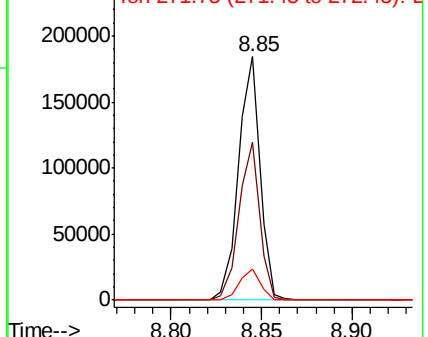
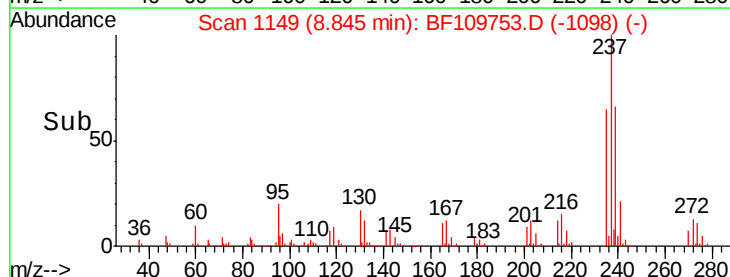
272 12.7 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

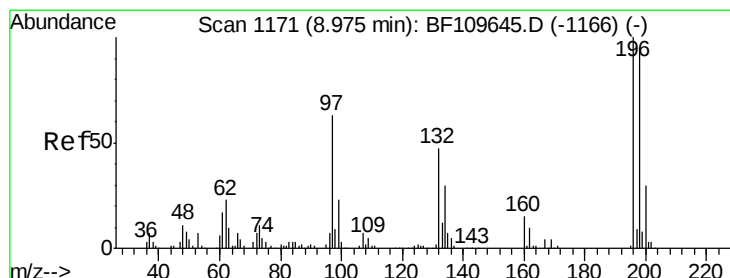
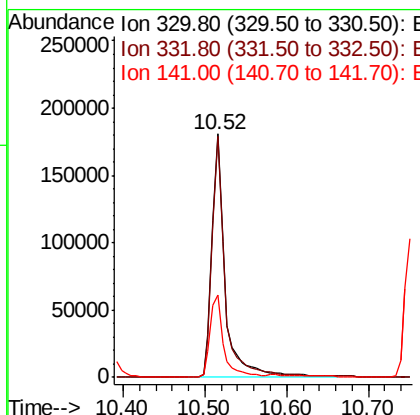
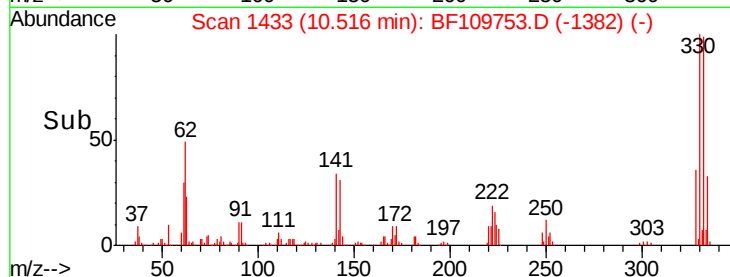
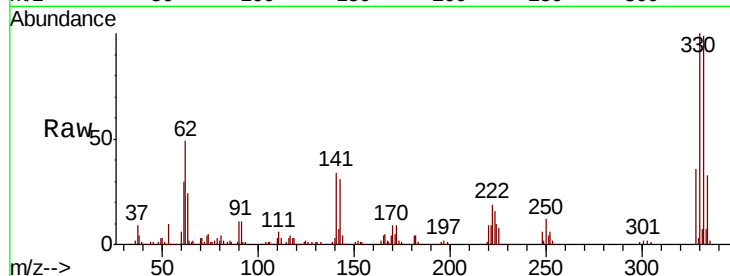




#41
 2,4,6-Tribromophenol
 Concen: 129.503 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

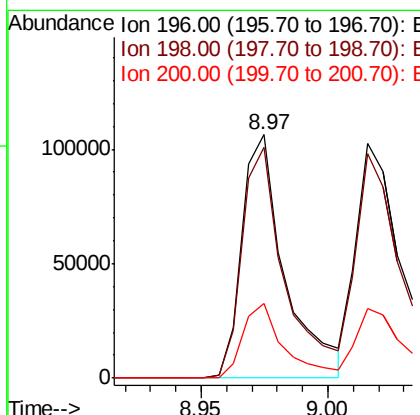
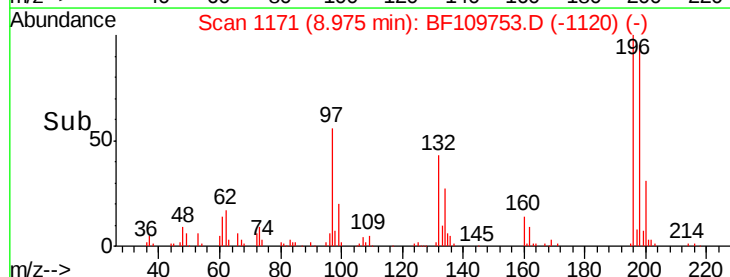
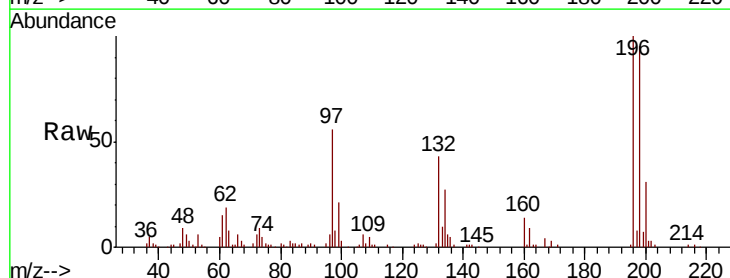
Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MS

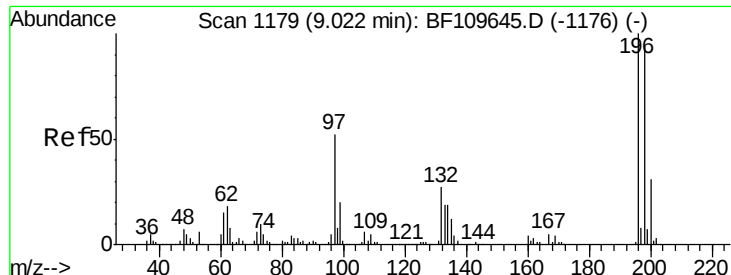
Tgt Ion:330 Resp: 205736
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.1 115.7
 141 34.2 27.0 40.4



#42
 2,4,6-Trichlorophenol
 Concen: 42.443 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Tgt Ion:196 Resp: 125924
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.2 114.4
 200 30.5 24.4 36.6

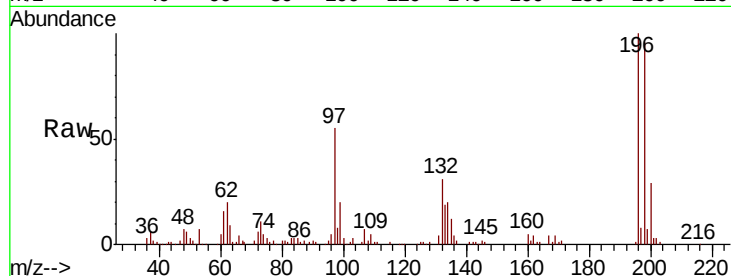




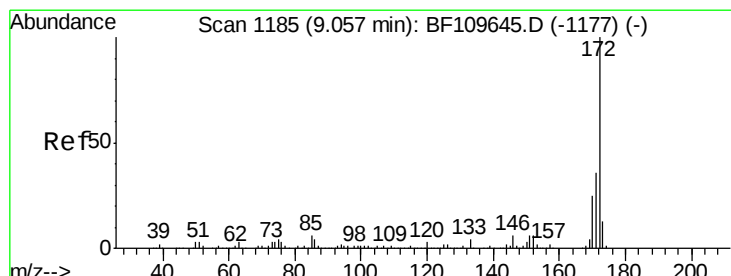
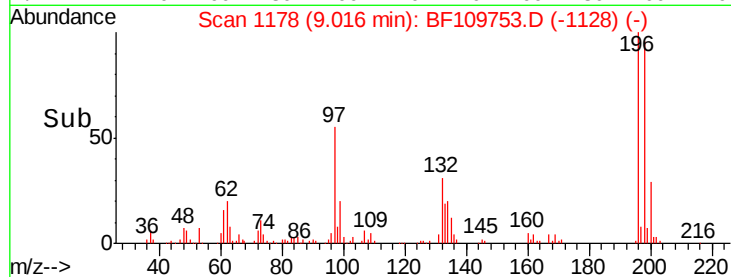
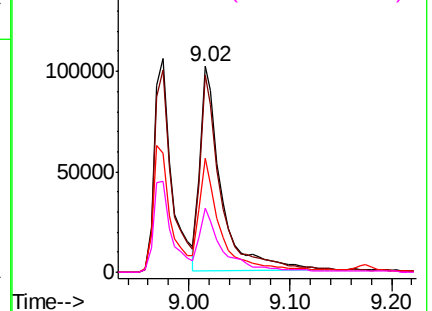
#43
 2,4,5-Trichlorophenol
 Concen: 43.769 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MS

Tgt Ion:	196	Resp:	149312
Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.8	113.6
97	55.0	42.4	63.6
132	31.3	22.8	34.2

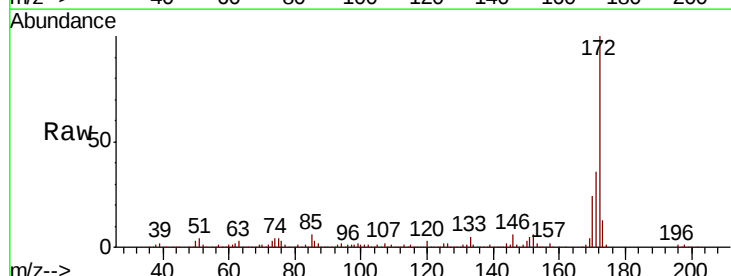


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

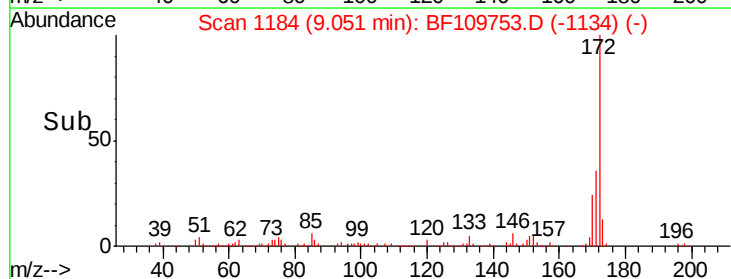
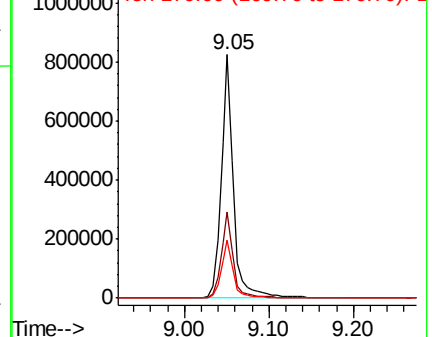


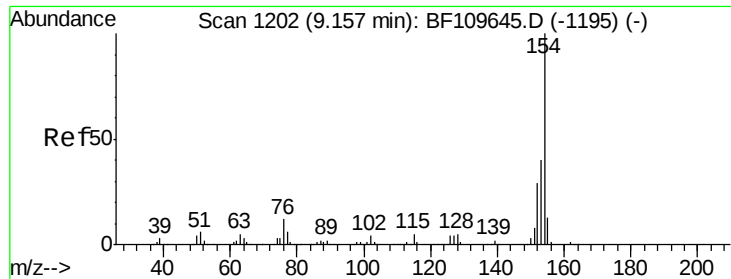
#44
 2-Fluorobiphenyl
 Concen: 80.538 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Tgt Ion:	172	Resp:	852602
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	24.0	19.7	29.5



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

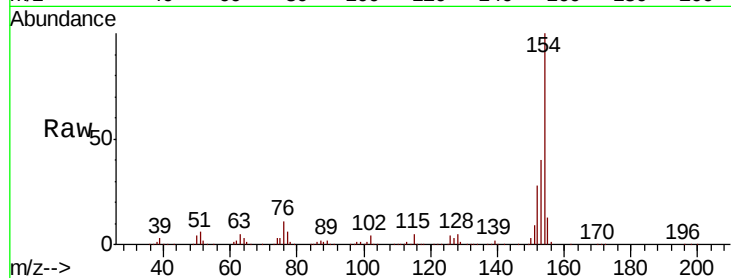




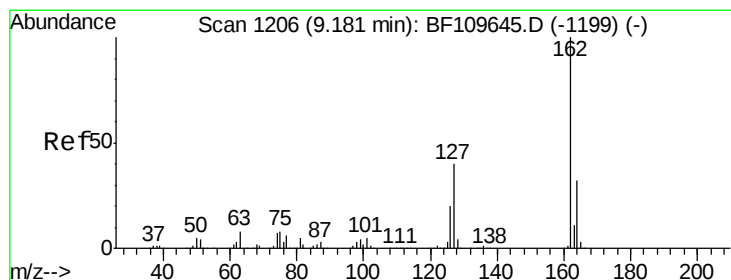
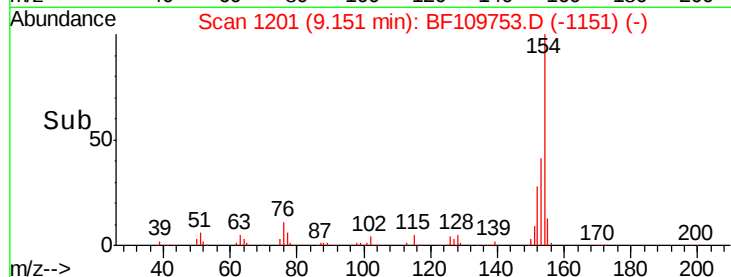
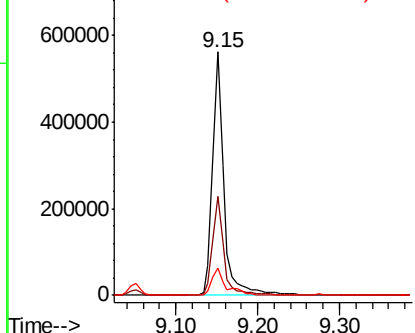
#45
 1,1'-Biphenyl
 Concen: 41.894 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MS

Tgt Ion:154 Resp: 545675
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.4 60.4
 76 11.5 0.0 31.9

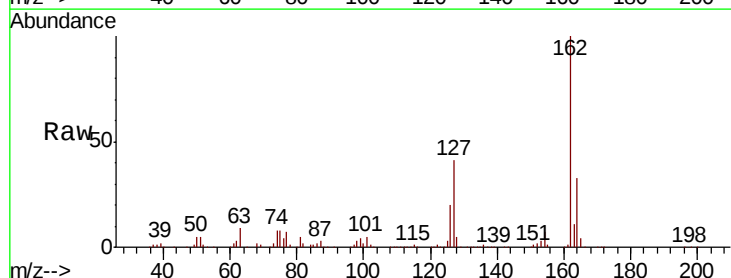


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

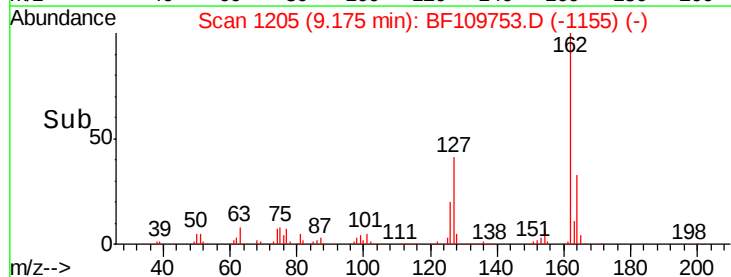
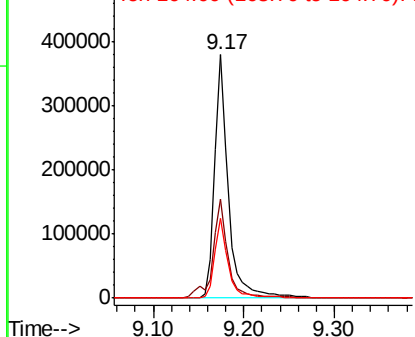


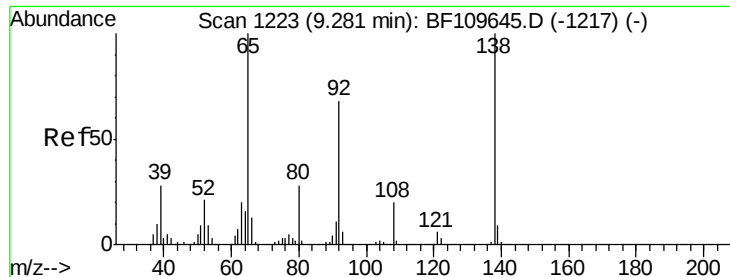
#46
 2-Chloronaphthalene
 Concen: 41.587 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Tgt Ion:162 Resp: 405817
 Ion Ratio Lower Upper
 162 100
 127 40.7 32.6 48.8
 164 33.0 25.9 38.9



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

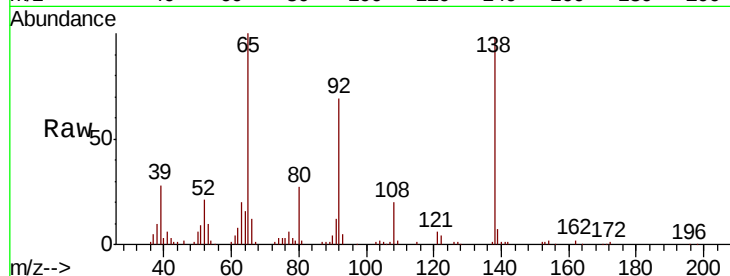




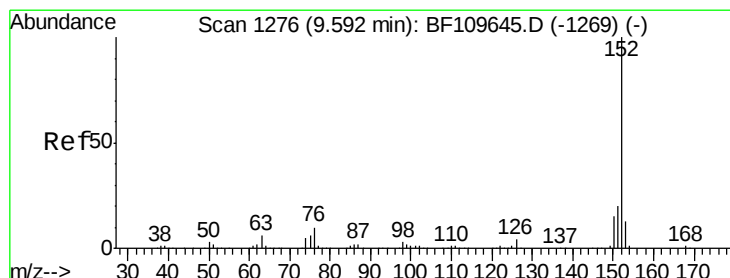
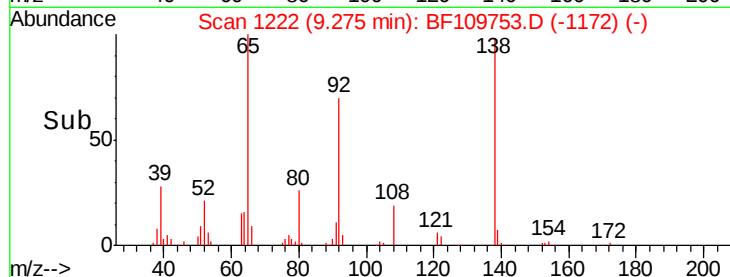
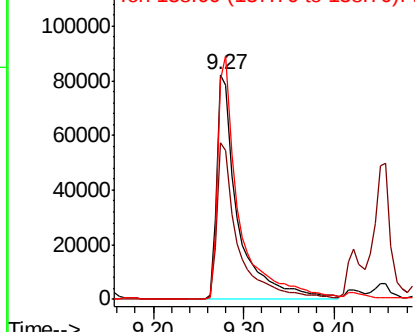
#47
2-Nitroaniline
Concen: 44.986 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tgt Ion: 65 Resp: 132922
Ion Ratio Lower Upper
65 100
92 69.4 54.6 81.8
138 97.6 80.3 120.5

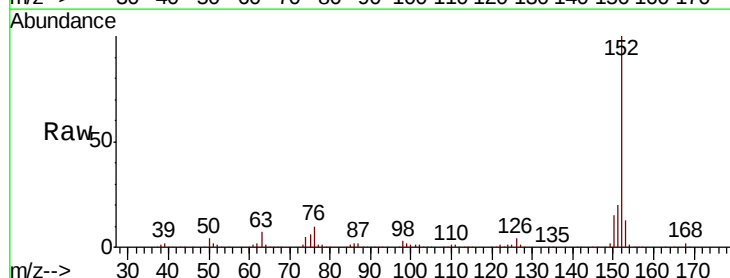


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

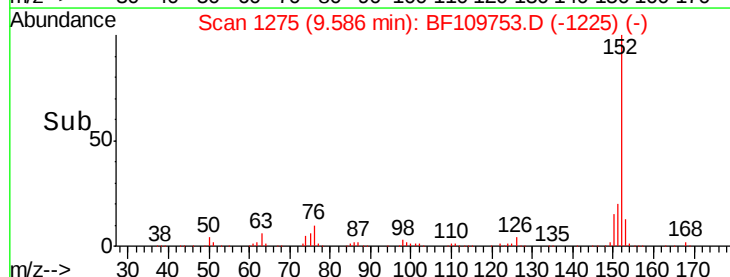
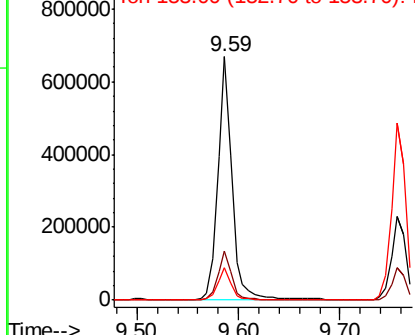


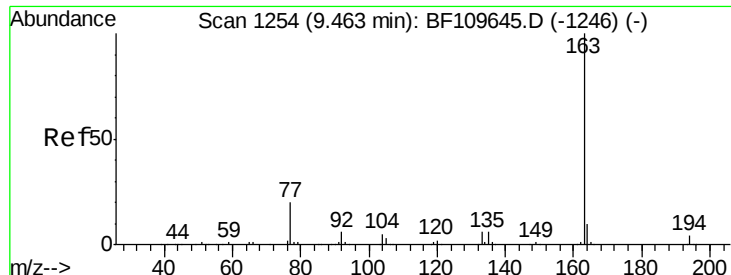
#48
Acenaphthylene
Concen: 46.078 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion: 152 Resp: 655522
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.2 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

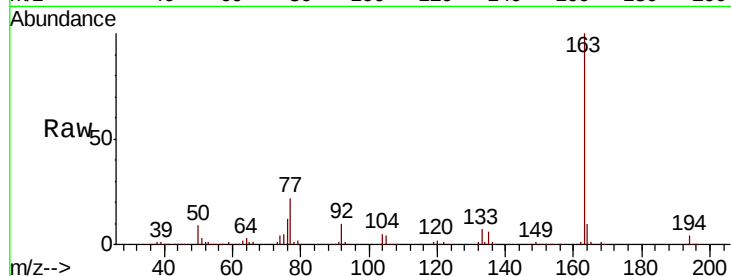




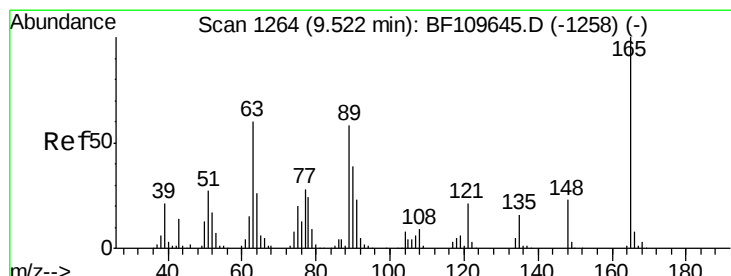
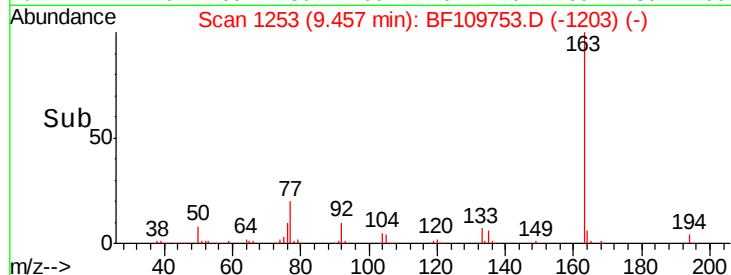
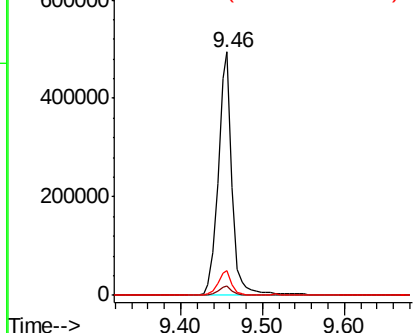
#49
Dimethylphthalate
Concen: 54.873 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.1	8.1	12.1

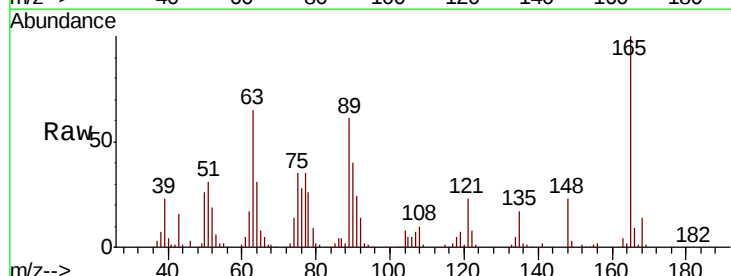


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

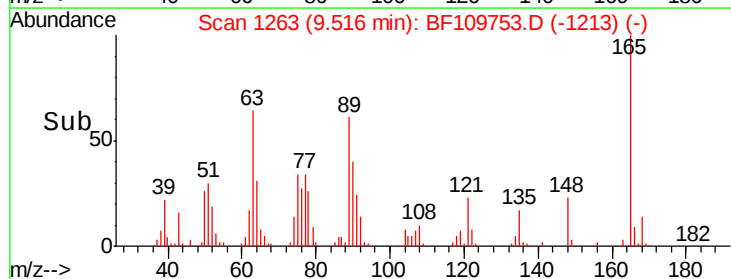
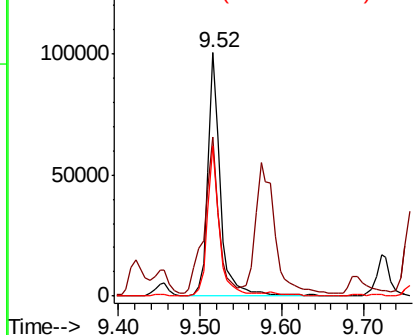


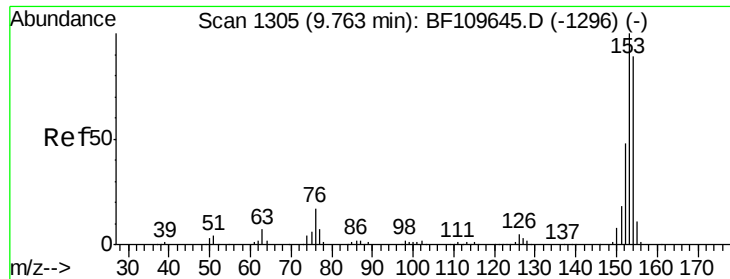
#50
2,6-Dinitrotoluene
Concen: 45.727 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.1	48.9	73.3
89	61.5	46.6	69.8



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

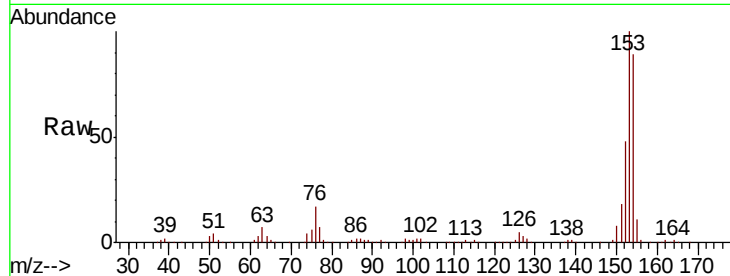




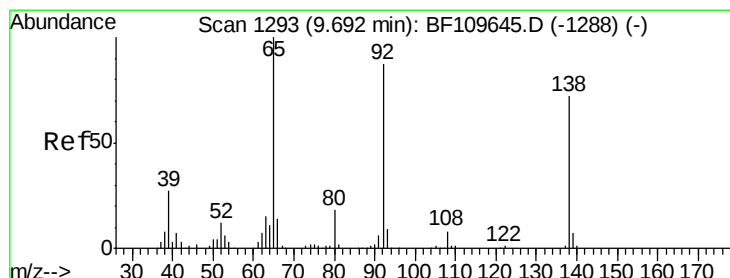
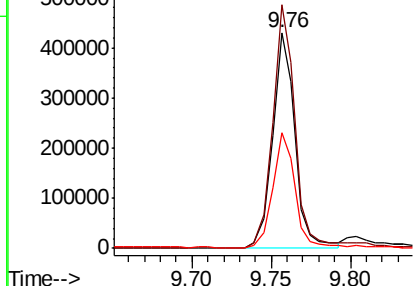
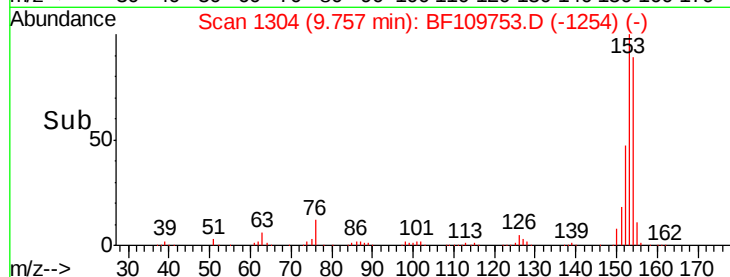
#51
Acenaphthene
Concen: 50.307 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tgt Ion:154 Resp: 424261
Ion Ratio Lower Upper
154 100
153 112.7 90.1 135.1
152 53.6 43.4 65.2

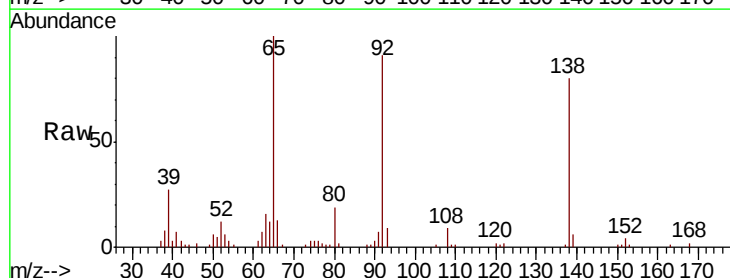


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

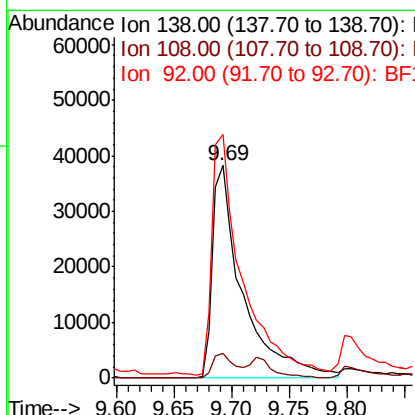
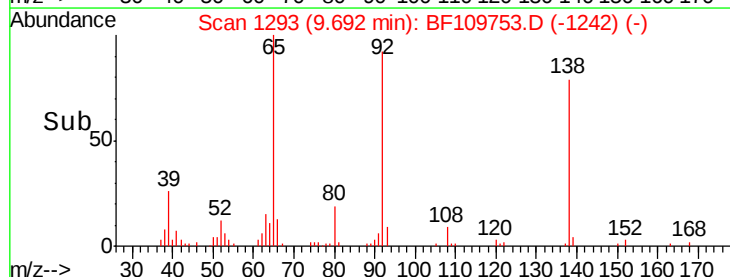


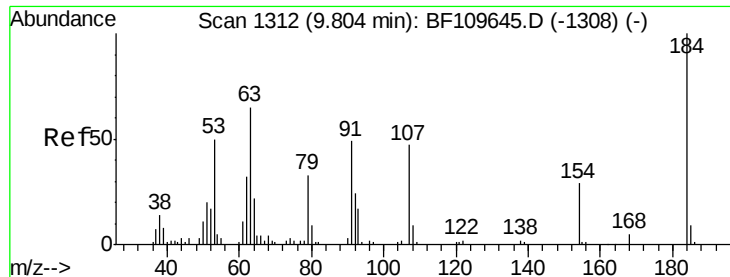
#52
3-Nitroaniline
Concen: 26.726 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion:138 Resp: 69442
Ion Ratio Lower Upper
138 100
108 11.9 8.7 13.1
92 114.7 97.0 145.4



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

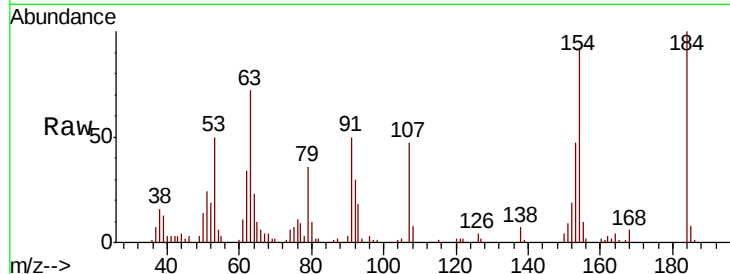




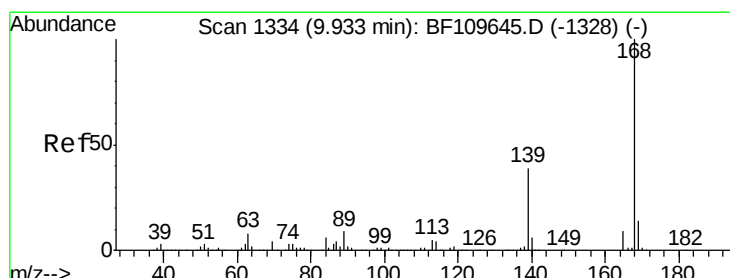
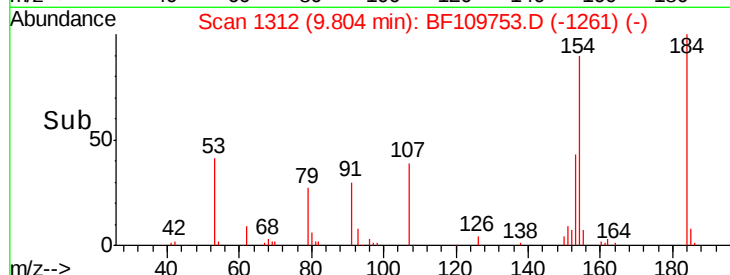
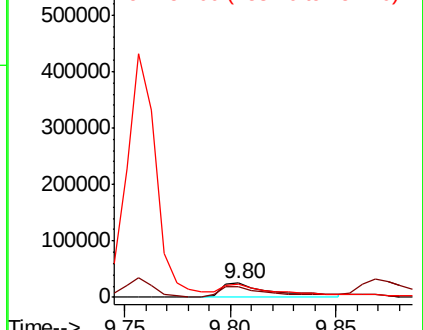
#53
2,4-Dinitrophenol
Concen: 58.472 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tgt Ion:184 Resp: 43728
Ion Ratio Lower Upper
184 100
63 71.9 55.8 83.6
154 91.5 63.2 94.8

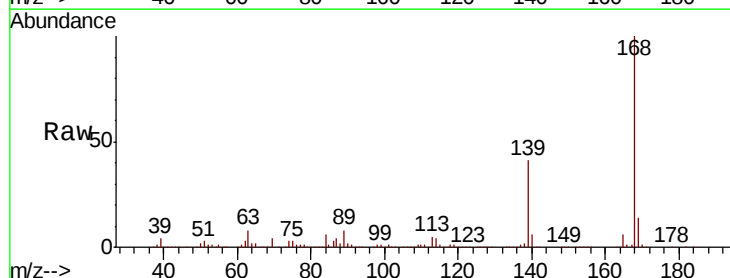


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

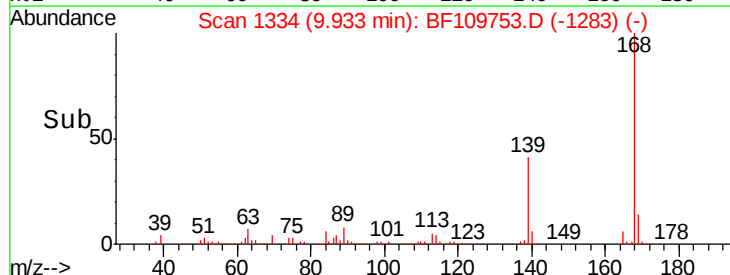
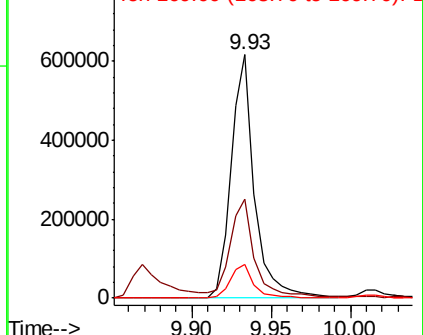


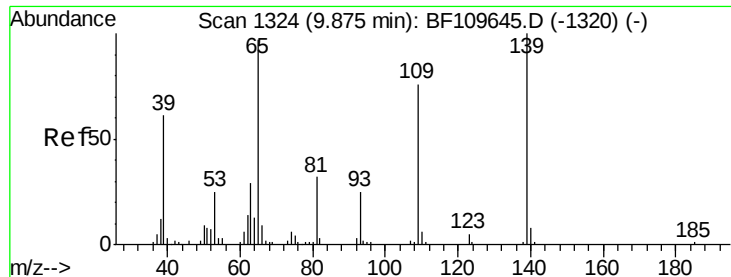
#54
Dibenzofuran
Concen: 49.605 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion:168 Resp: 627072
Ion Ratio Lower Upper
168 100
139 40.8 33.0 49.6
169 14.0 11.3 16.9



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

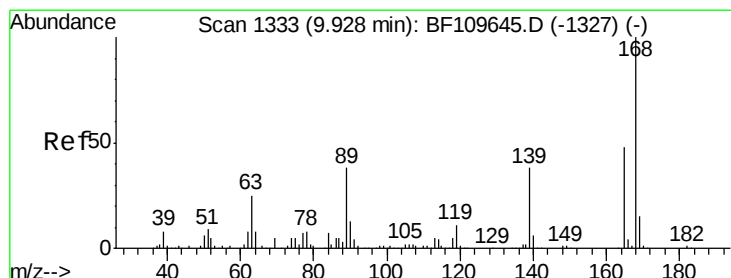
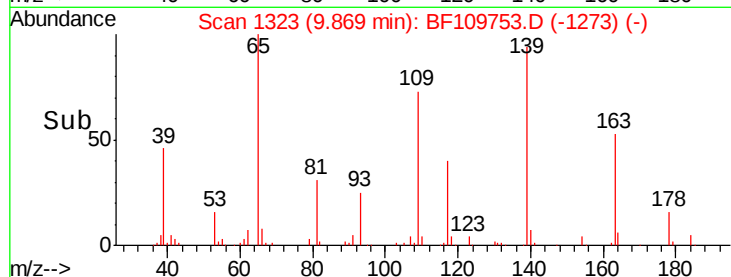
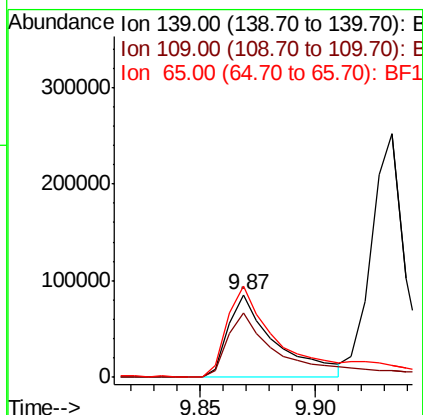
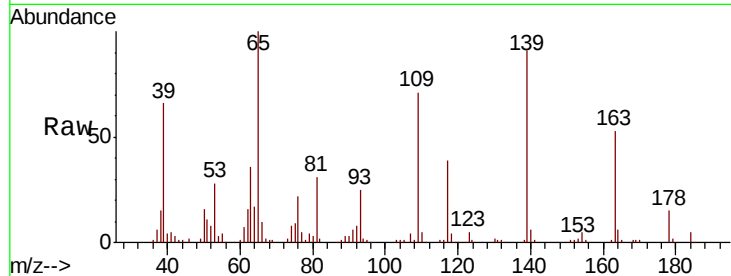




#55
4-Nitrophenol
Concen: 86.606 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

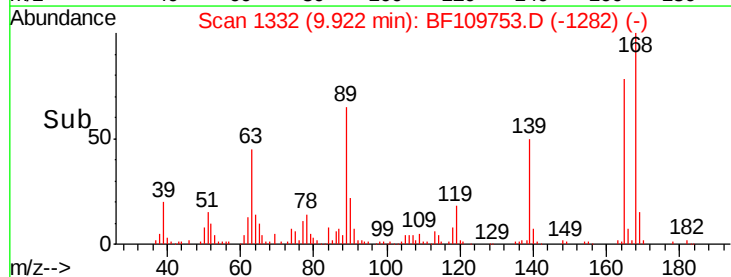
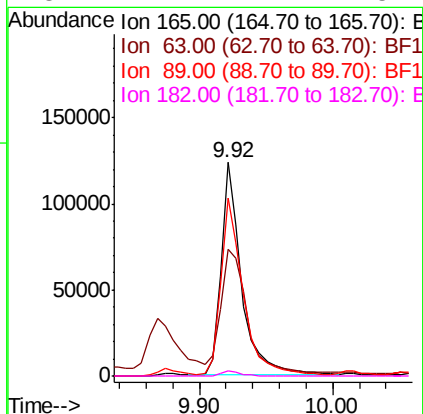
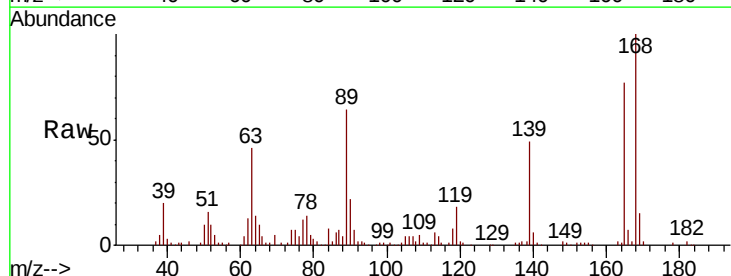
Instrument :
BNA_F
ClientSampleId :
RBR200035MS

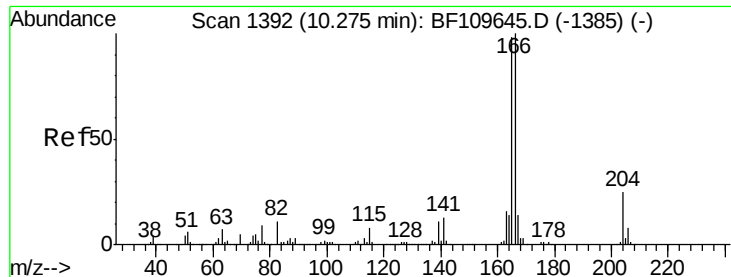
Tgt Ion:139 Resp: 123172
Ion Ratio Lower Upper
139 100
109 78.2 55.8 95.8
65 109.8 77.9 117.9



#56
2,4-Dinitrotoluene
Concen: 46.284 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion:165 Resp: 133884
Ion Ratio Lower Upper
165 100
63 59.2 44.8 67.2
89 83.5 62.2 93.4
182 2.4 2.1 3.1





#57

Fluorene

Concen: 54.094 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Instrument :

BNA_F

ClientSampleId :

RBR200035MS

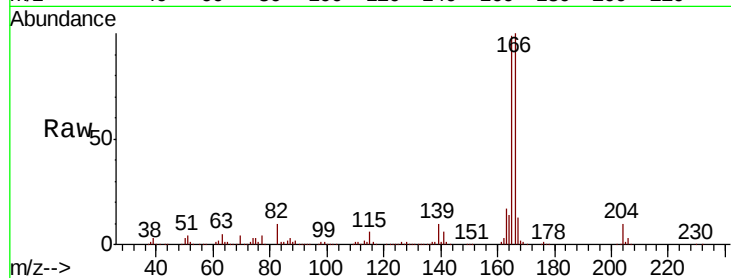
Tgt Ion:166 Resp: 510667

Ion Ratio Lower Upper

166 100

165 99.2 78.6 117.8

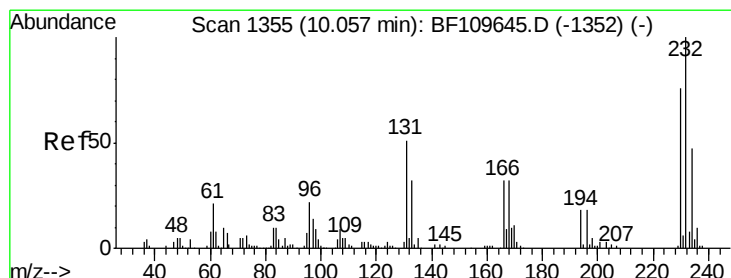
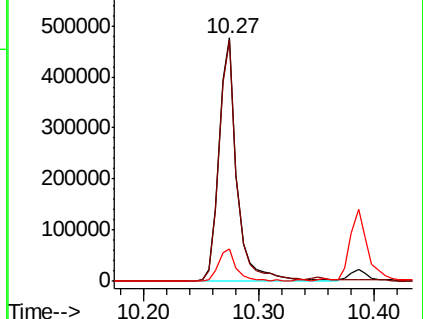
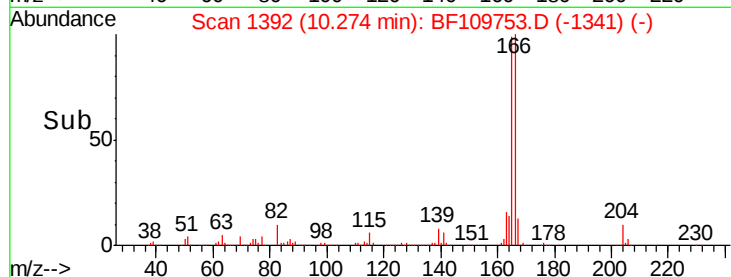
167 13.5 10.8 16.2



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: 46.196 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Tgt Ion:232 Resp: 128104

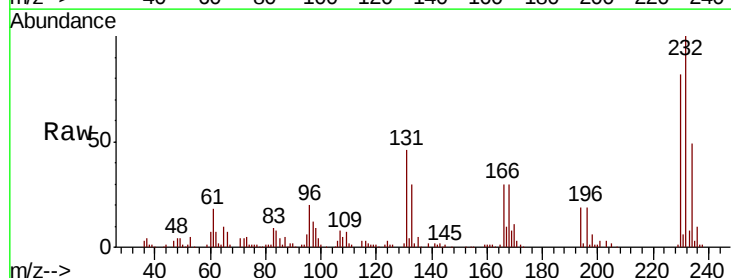
Ion Ratio Lower Upper

232 100

131 46.3 37.0 55.4

130 2.1 1.8 2.6

166 27.0 22.0 33.0

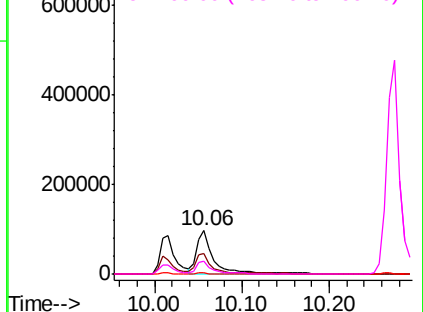
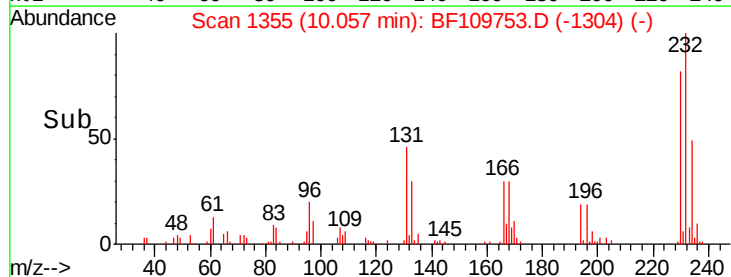


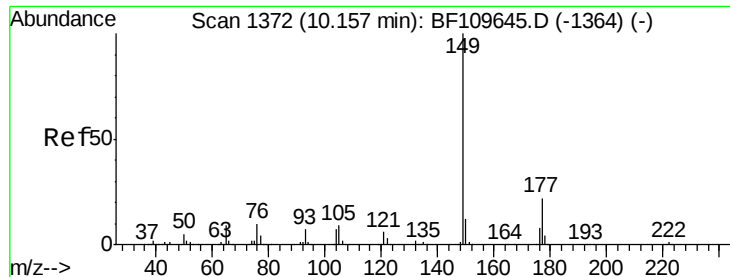
Abundance Ion 232.00 (231.70 to 232.70): E

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

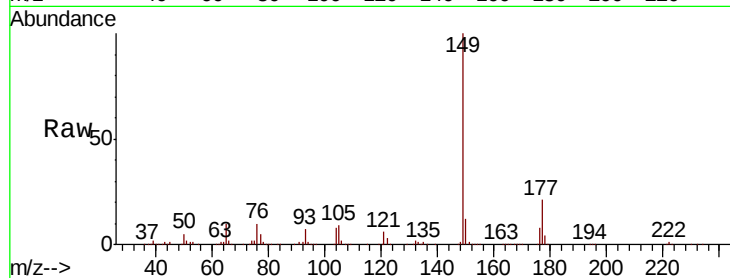




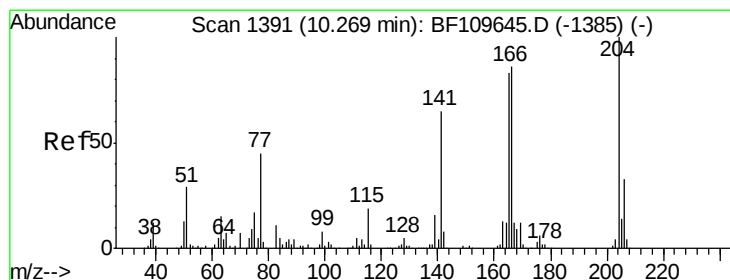
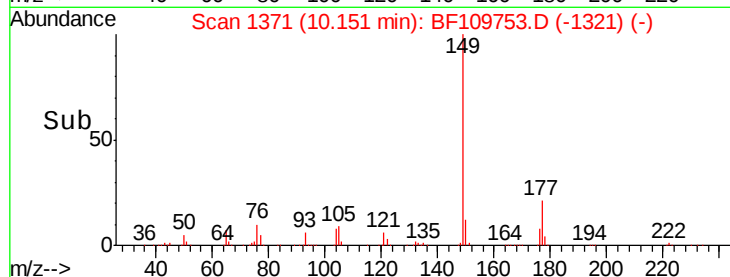
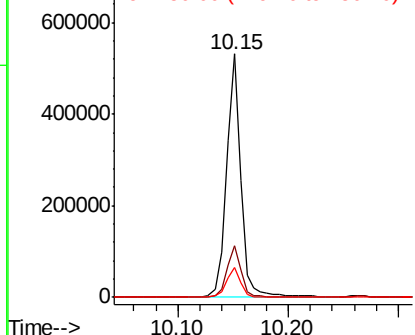
#59
Diethylphthalate
Concen: 45.656 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tgt Ion:149 Resp: 483719
Ion Ratio Lower Upper
149 100
177 21.3 17.4 26.2
150 12.1 9.8 14.8

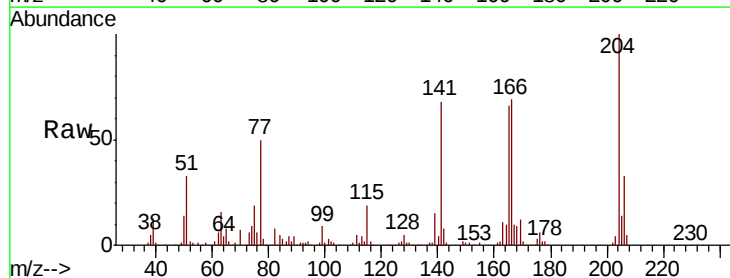


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

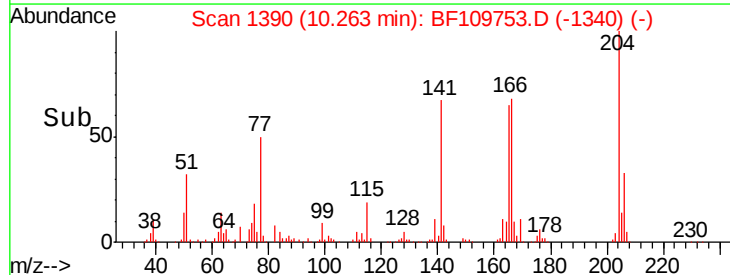
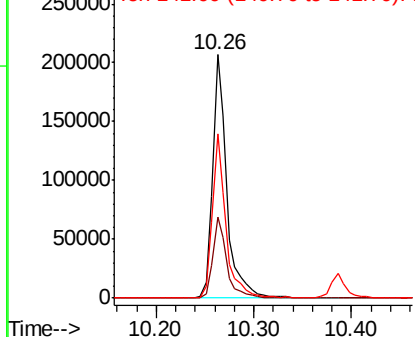


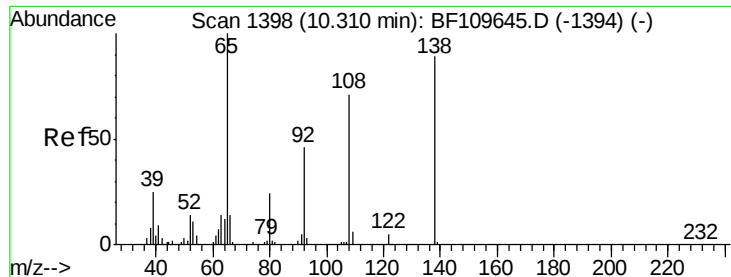
#60
4-Chlorophenyl-phenylether
Concen: 41.849 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion:204 Resp: 208425
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 67.6 51.8 77.8



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

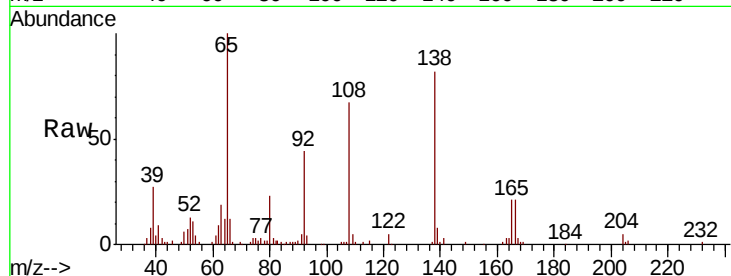




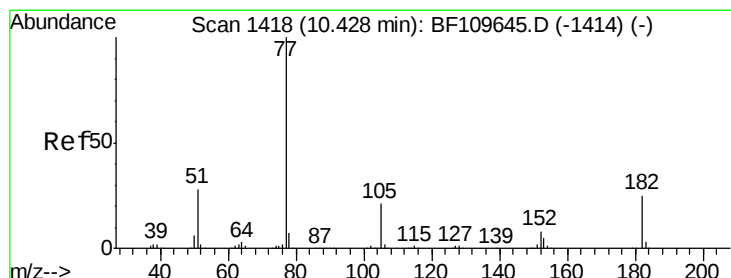
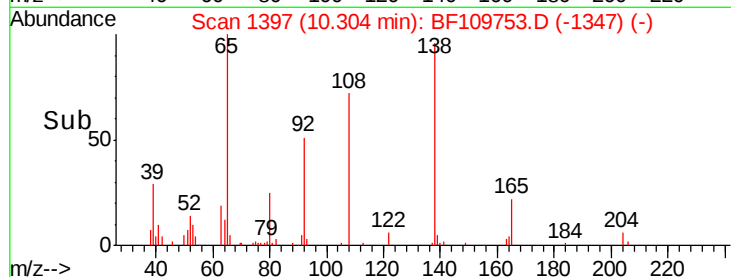
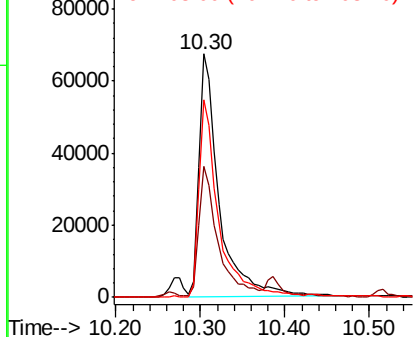
#61
4-Nitroaniline
Concen: 45.625 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tgt Ion:138 Resp: 109786
Ion Ratio Lower Upper
138 100
92 53.8 31.7 71.7
108 81.1 59.3 99.3

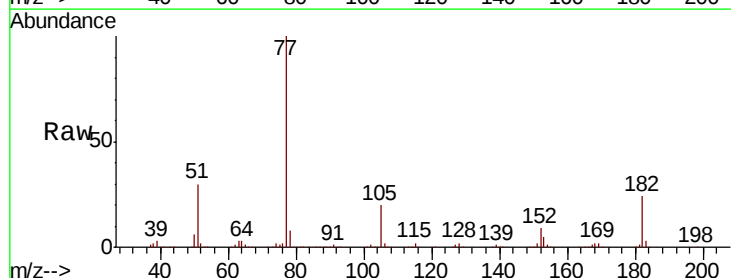


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

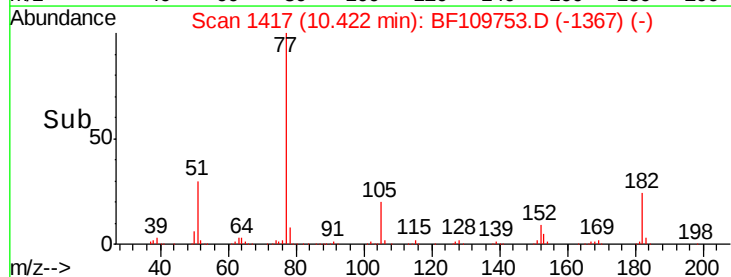
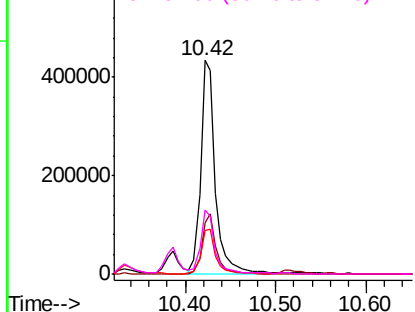


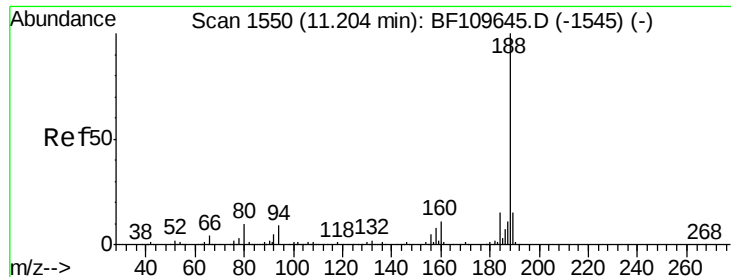
#62
Azobenzene
Concen: 45.209 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion: 77 Resp: 486400
Ion Ratio Lower Upper
77 100
182 23.9 4.3 44.3
105 20.3 1.3 41.3
51 29.9 9.0 49.0



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

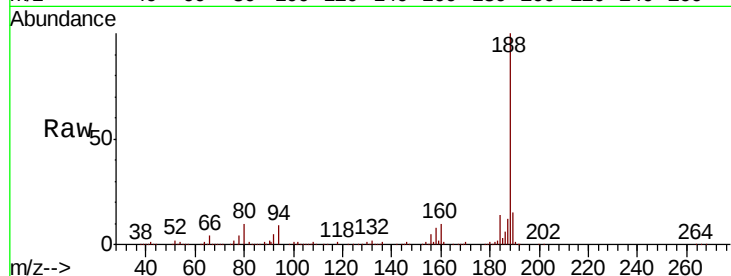




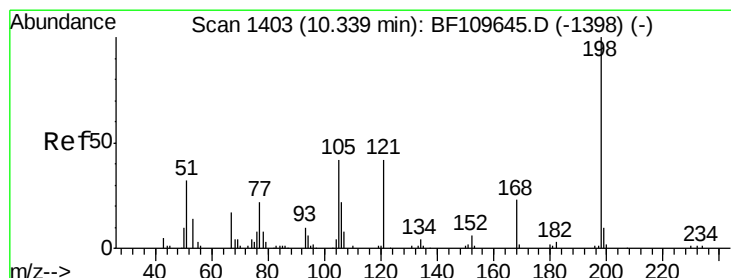
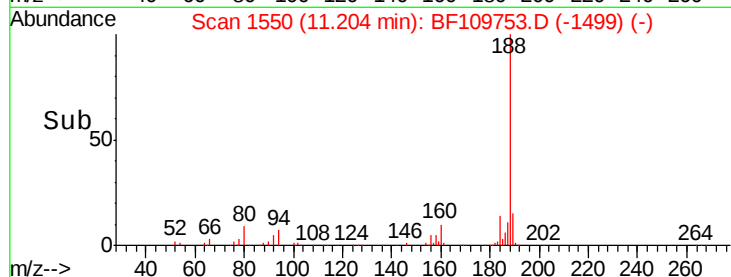
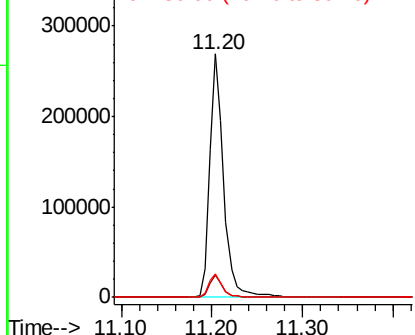
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tgt Ion:188 Resp: 291212
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.6 7.9 11.9

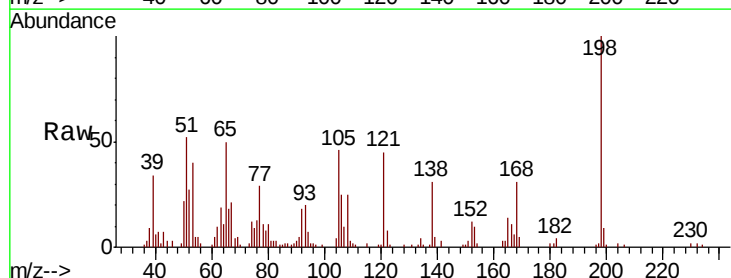


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

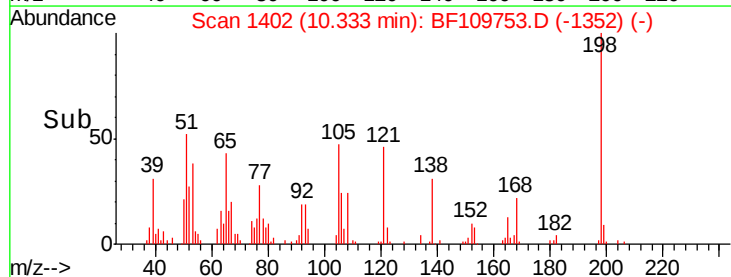
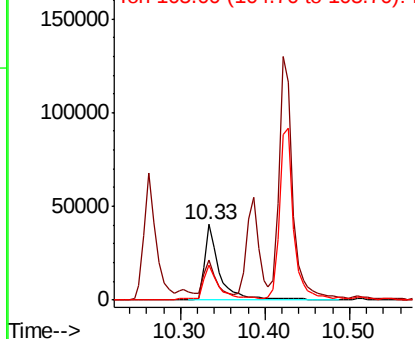


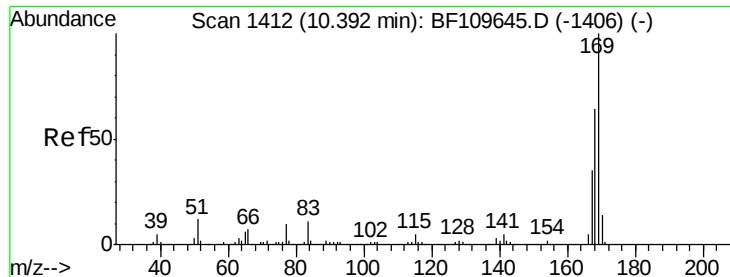
#64
4,6-Dinitro-2-methylphenol
Concen: 35.196 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion:198 Resp: 49886
Ion Ratio Lower Upper
198 100
51 52.3 22.8 62.8
105 45.7 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

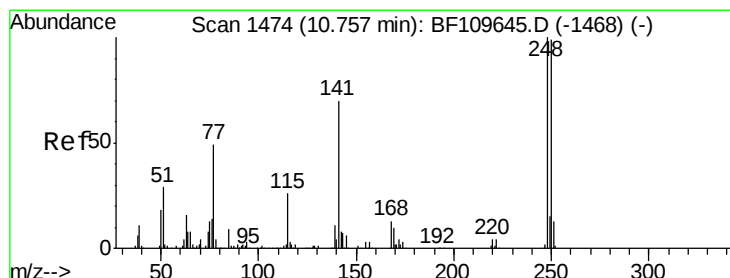
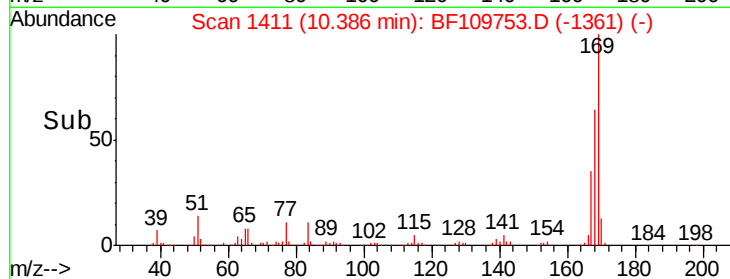
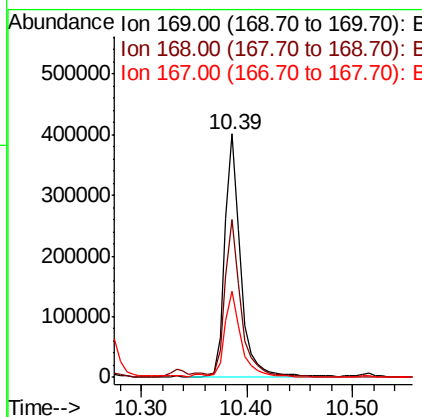
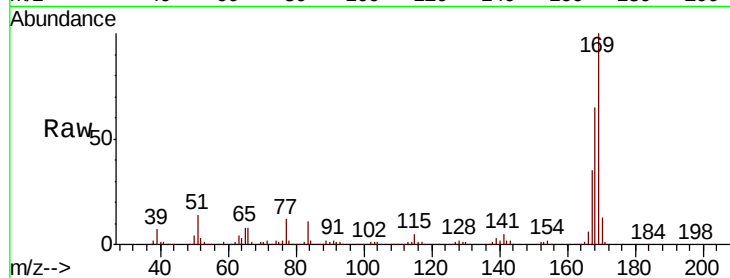




#65
 n-Nitrosodiphenylamine
 Concen: 41.913 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

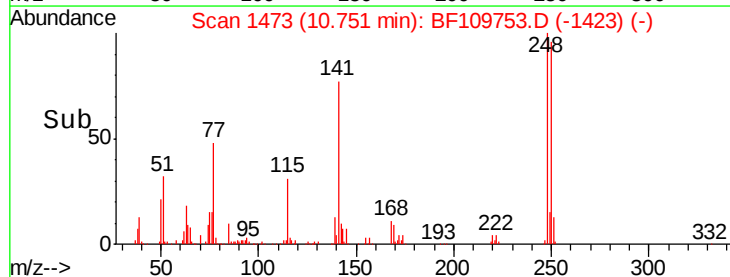
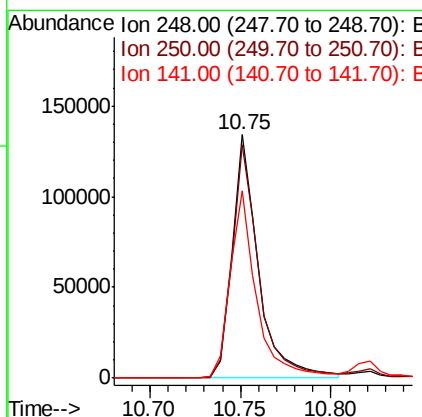
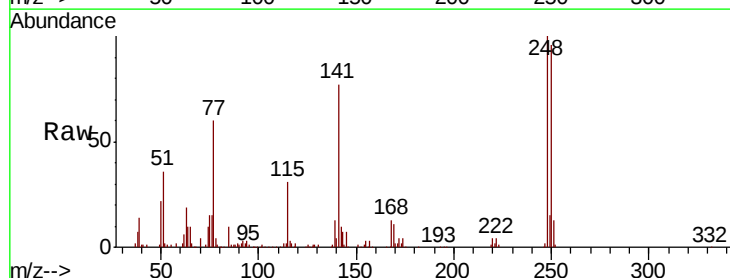
Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MS

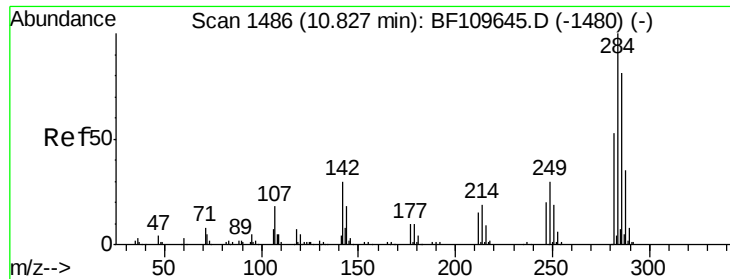
Tgt Ion:169 Resp: 413767
 Ion Ratio Lower Upper
 169 100
 168 64.8 51.2 76.8
 167 35.3 27.8 41.6



#66
 4-Bromophenyl-phenylether
 Concen: 40.553 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Tgt Ion:248 Resp: 135694
 Ion Ratio Lower Upper
 248 100
 250 96.1 79.4 119.2
 141 77.1 55.9 83.9

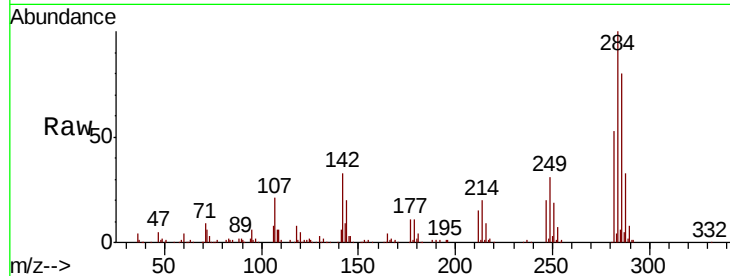




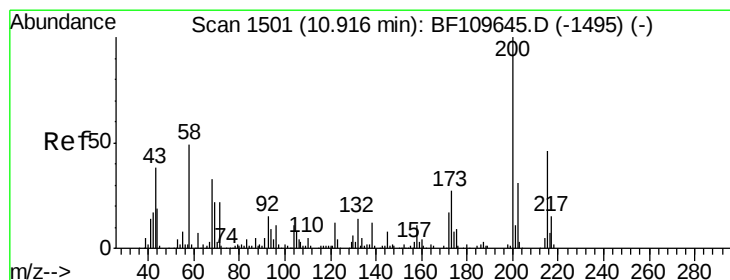
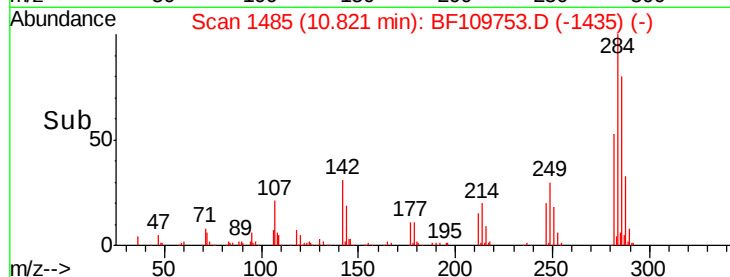
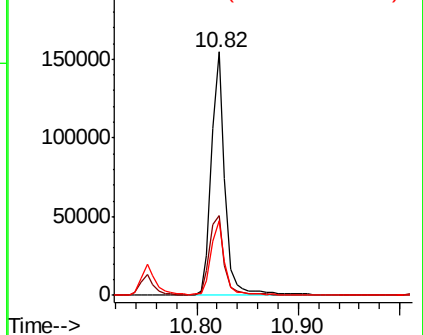
#67
Hexachlorobenzene
Concen: 39.984 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tgt Ion:284 Resp: 144874
Ion Ratio Lower Upper
284 100
142 32.8 23.9 35.9
249 30.6 24.2 36.2

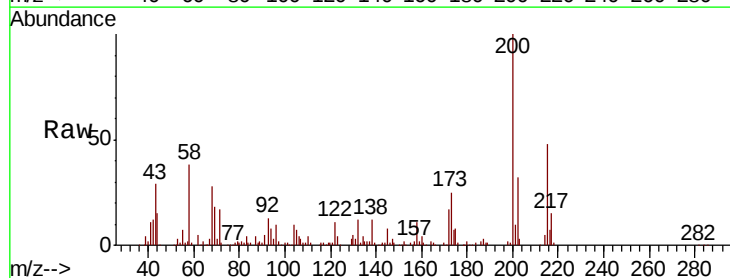


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

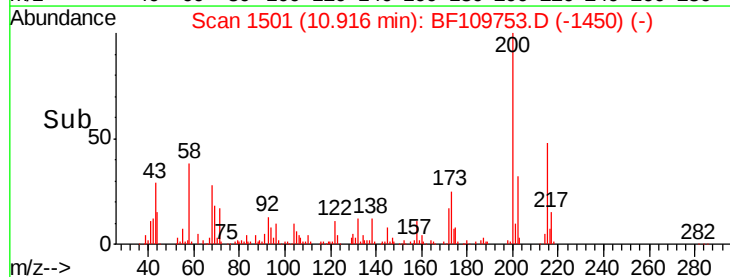
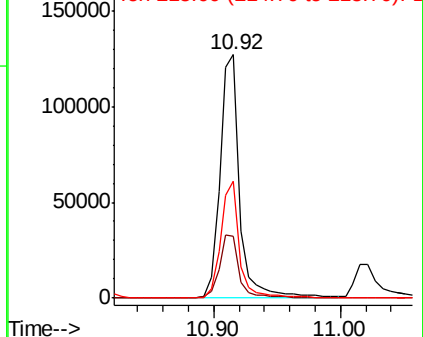


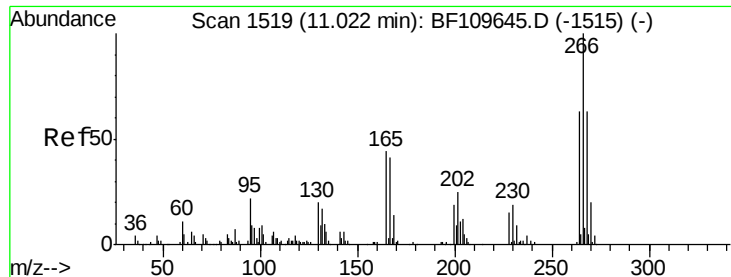
#68
Atrazine
Concen: 44.687 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion:200 Resp: 137677
Ion Ratio Lower Upper
200 100
173 25.4 6.6 46.6
215 47.9 26.3 66.3



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

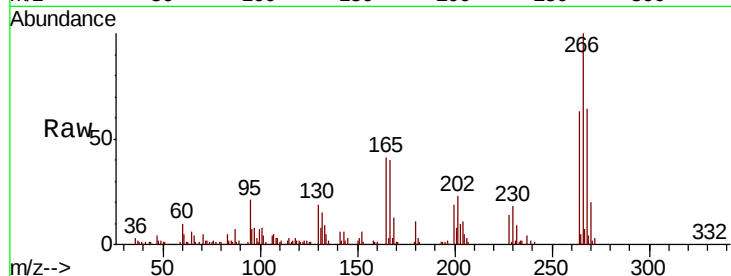




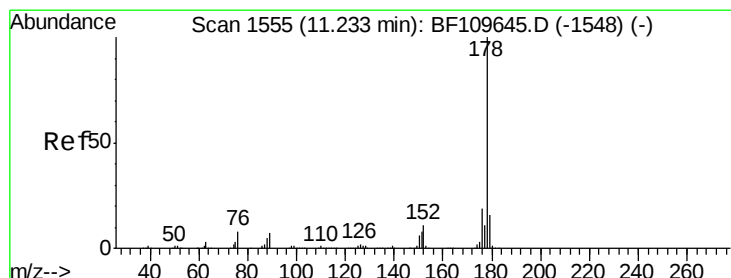
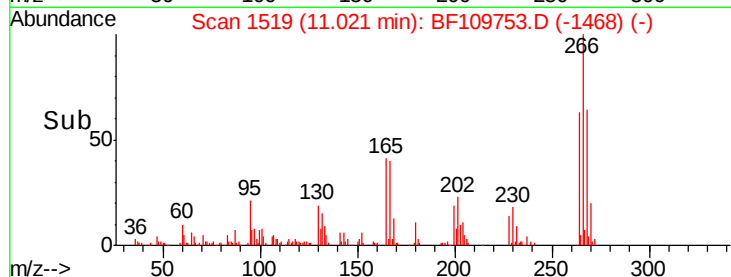
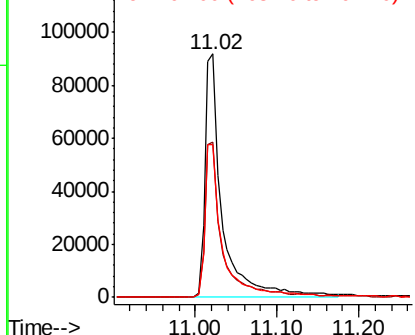
#69
 Pentachlorophenol
 Concen: 66.644 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MS

Tgt Ion:266 Resp: 135877
 Ion Ratio Lower Upper
 266 100
 268 63.9 50.6 75.8
 264 62.6 50.6 75.8

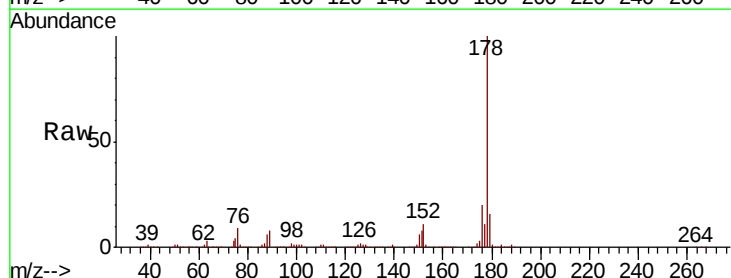


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

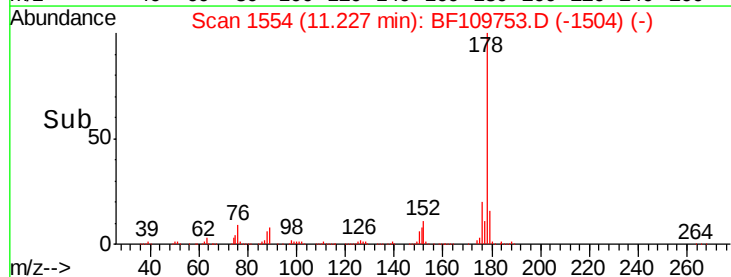
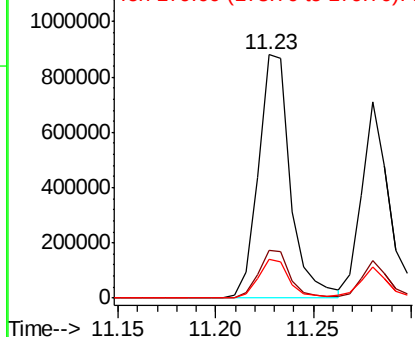


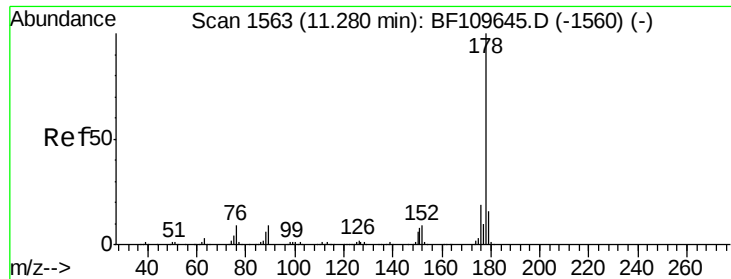
#70
 Phenanthrene
 Concen: 68.955 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Tgt Ion:178 Resp: 1004900
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.5 23.3
 179 15.9 12.5 18.7



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

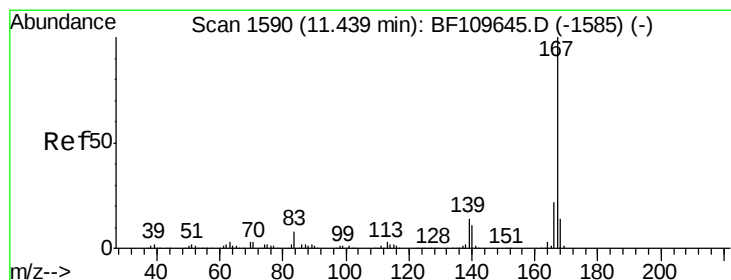
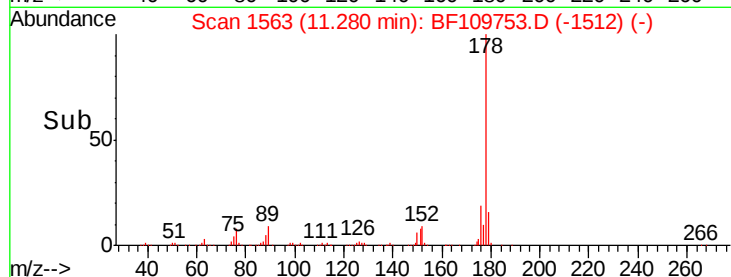
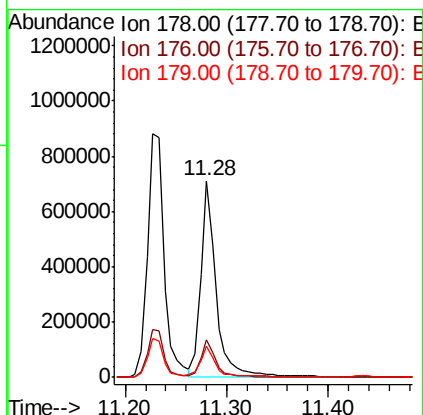
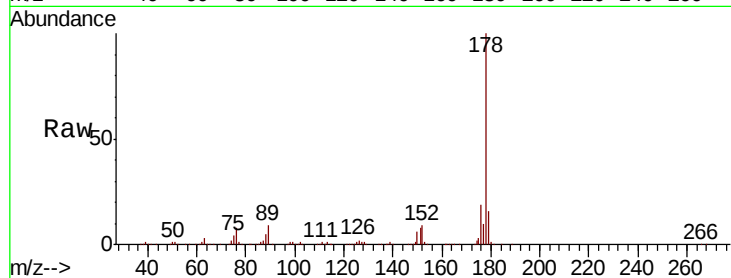




#71
 Anthracene
 Concen: 49.175 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

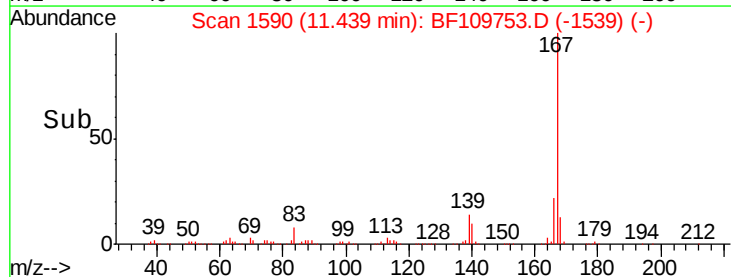
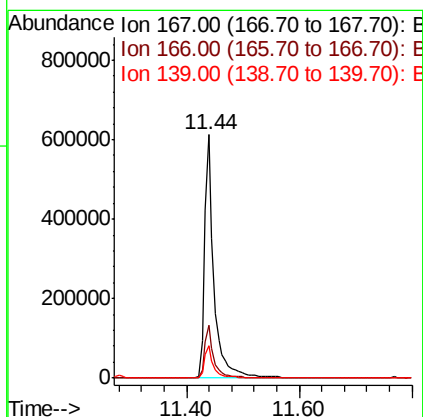
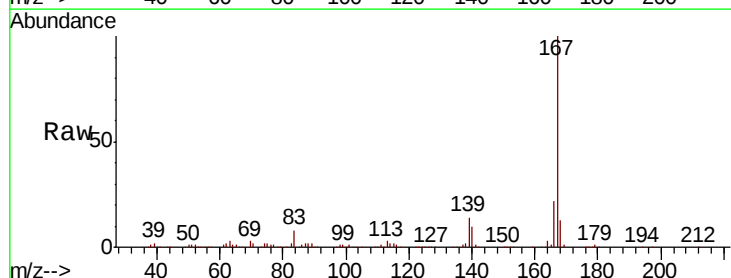
Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MS

Tgt Ion:178 Resp: 740813
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.8 12.6 18.8



#72
 Carbazole
 Concen: 49.107 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Tgt Ion:167 Resp: 717500
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.6 10.9 16.3

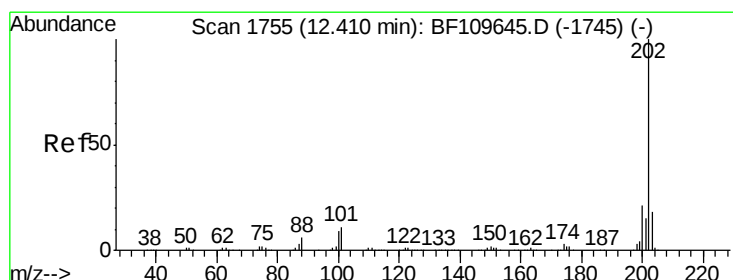
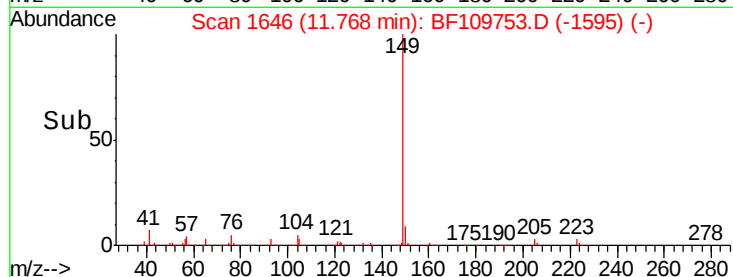
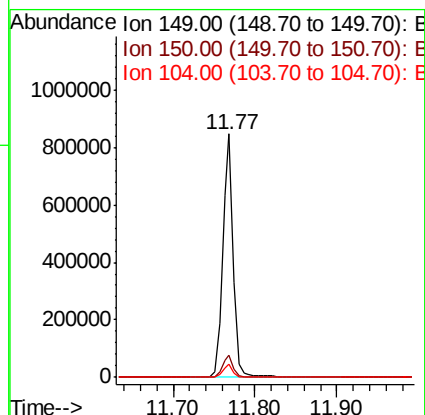
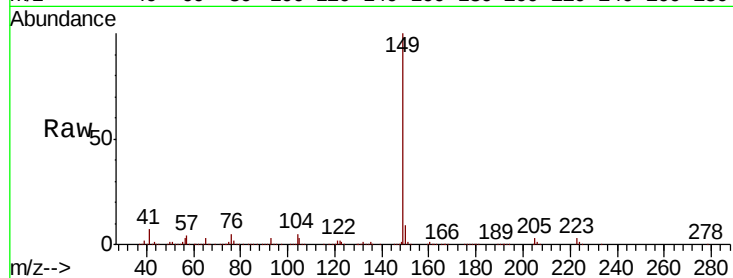




#73
Di-n-butylphthalate
Concen: 44.709 ng
RT: 11.77 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

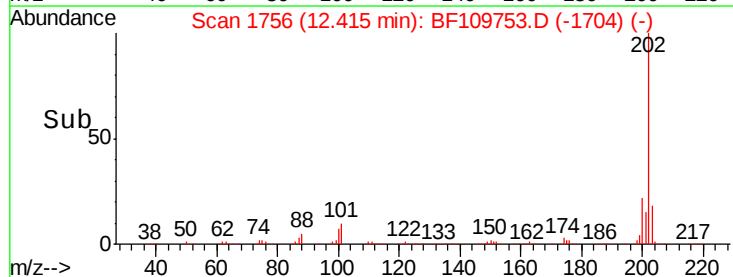
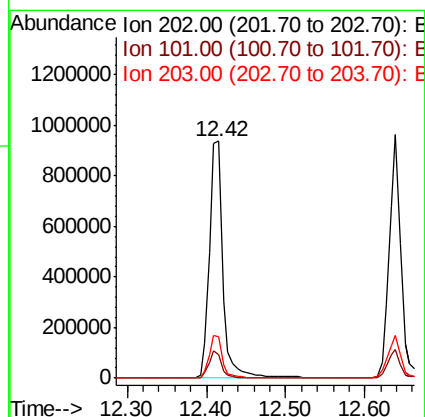
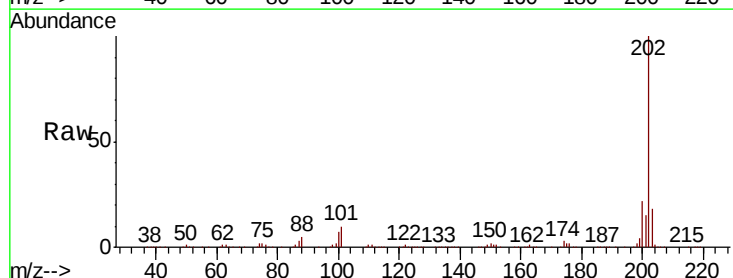
Instrument :
BNA_F
ClientSampleId :
RBR200035MS

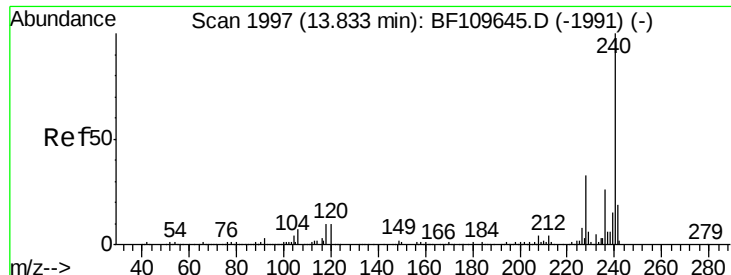
Tgt Ion:149 Resp: 757668
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 5.2 4.2 6.4



#74
Fluoranthene
Concen: 73.182 ng
RT: 12.42 min Scan# 1756
Delta R.T. 0.01 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion:202 Resp: 1114160
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.4
203 17.8 0.0 37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Instrument :

BNA_F

ClientSampleId :

RBR200035MS

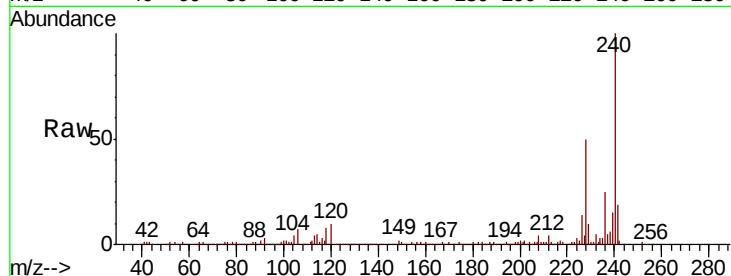
Tgt Ion:240 Resp: 212444

Ion Ratio Lower Upper

240 100

120 9.6 8.3 12.5

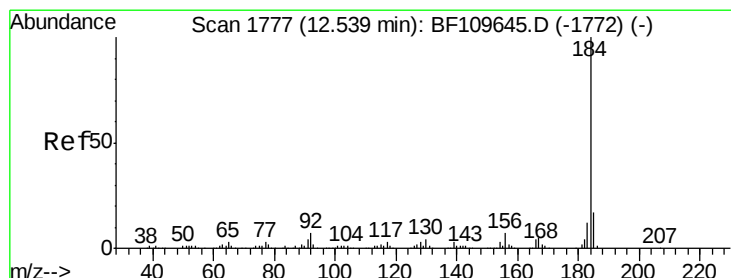
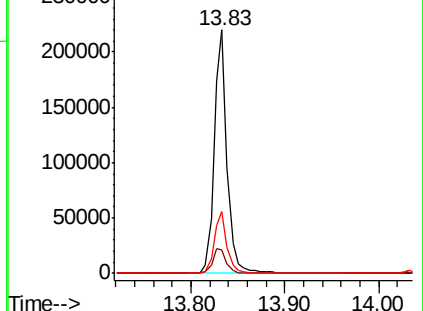
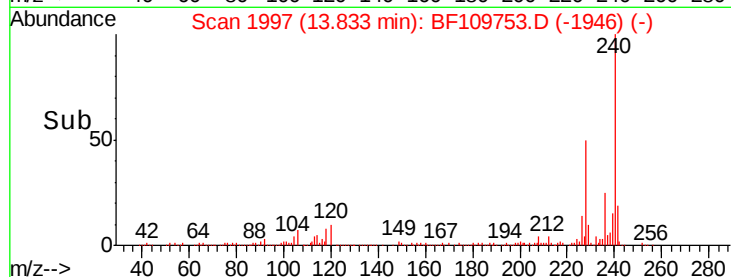
236 25.3 21.2 31.8



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: 22.023 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

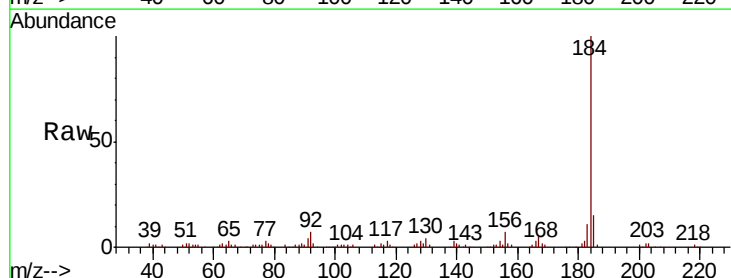
Tgt Ion:184 Resp: 173804

Ion Ratio Lower Upper

184 100

185 15.2 13.4 20.2

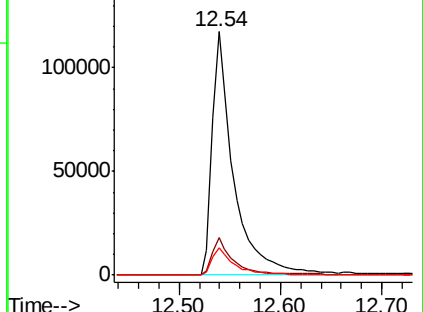
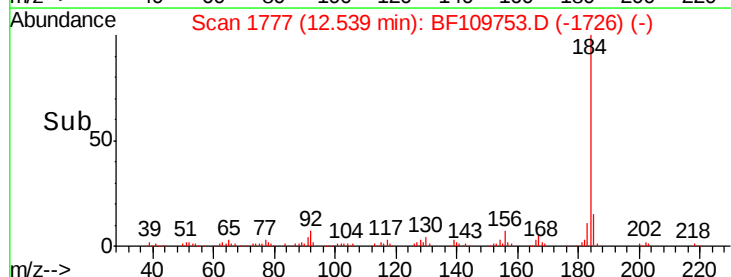
183 11.4 9.4 14.2

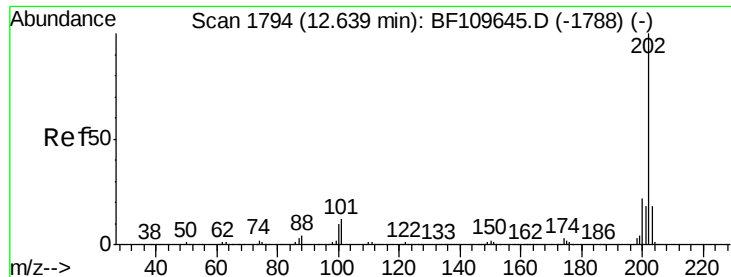


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 64.981 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.00 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Instrument :

BNA_F

ClientSampleId :

RBR200035MS

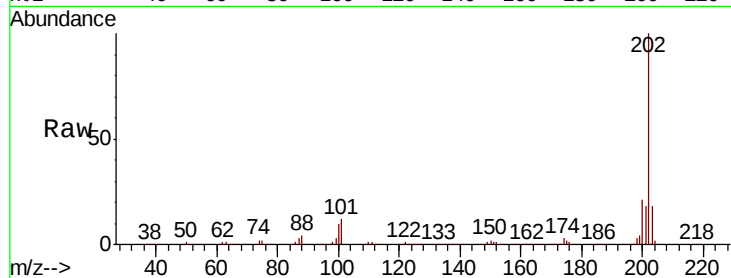
Tgt Ion:202 Resp: 1011429

Ion Ratio Lower Upper

202 100

200 21.5 17.8 26.6

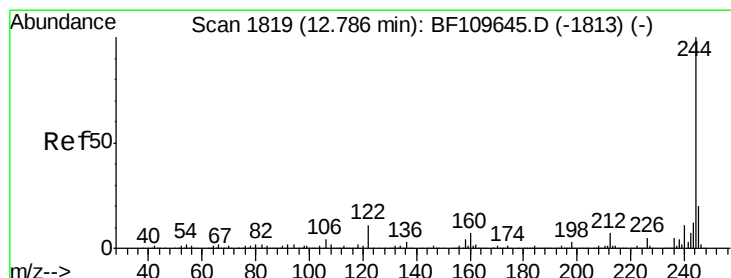
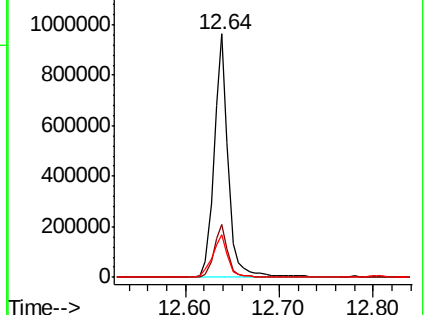
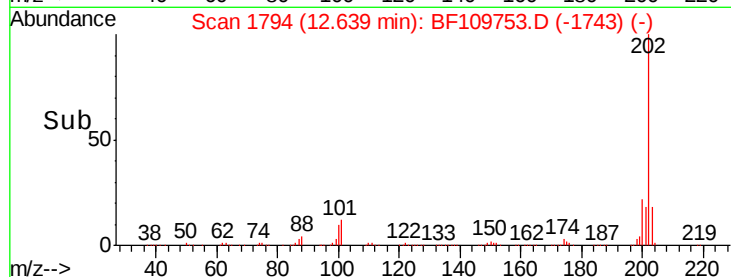
203 17.7 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 84.409 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

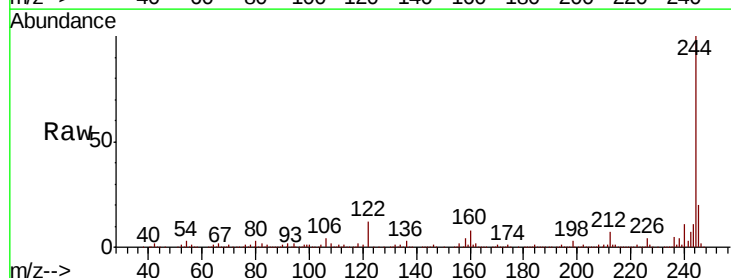
Tgt Ion:244 Resp: 926327

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

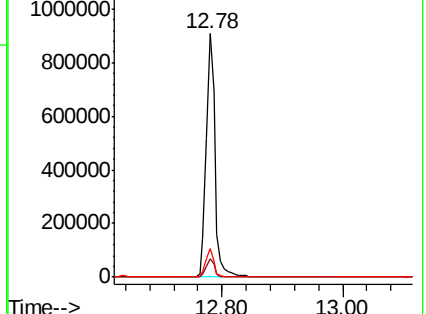
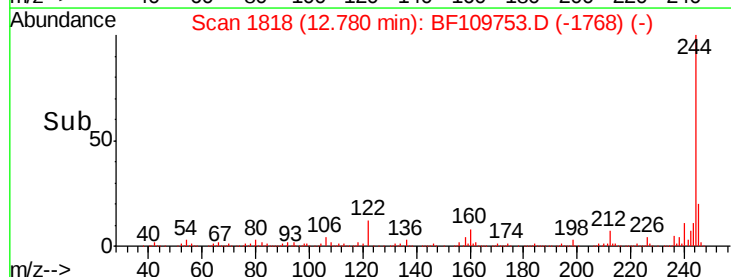
122 11.6 8.7 13.1

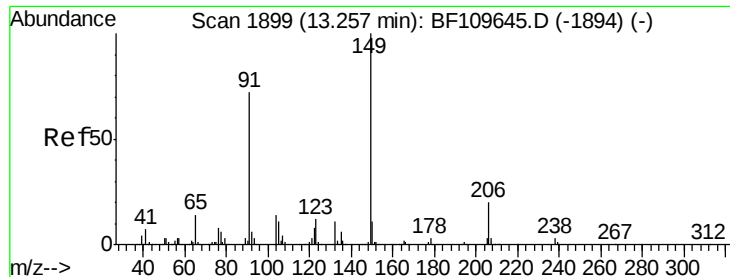


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

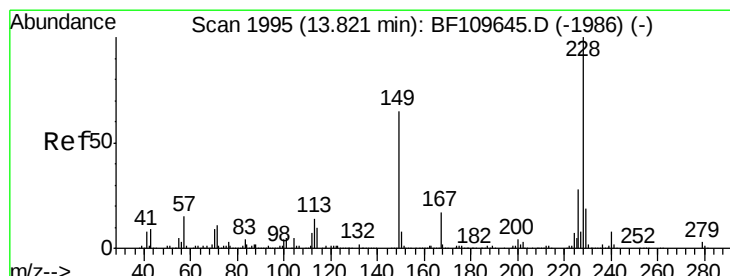
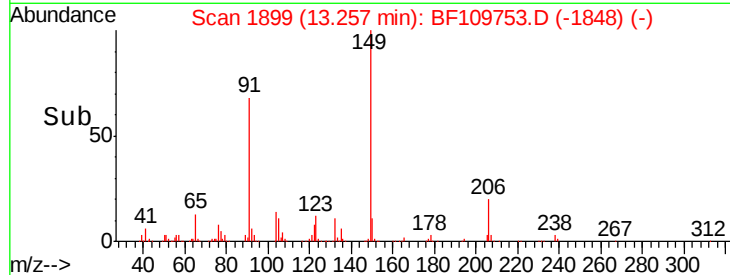
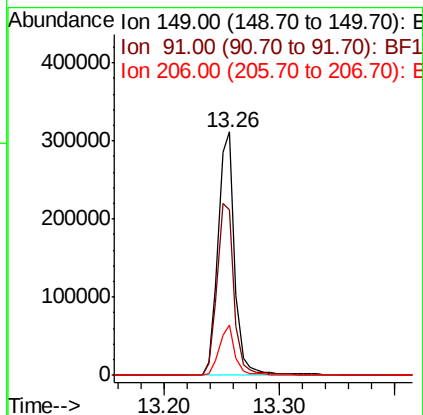
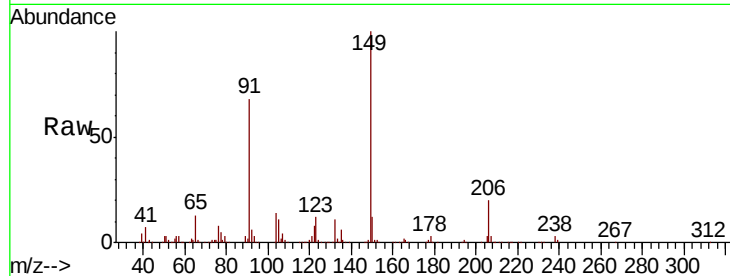




#79
Butylbenzylphthalate
Concen: 46.789 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.00 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

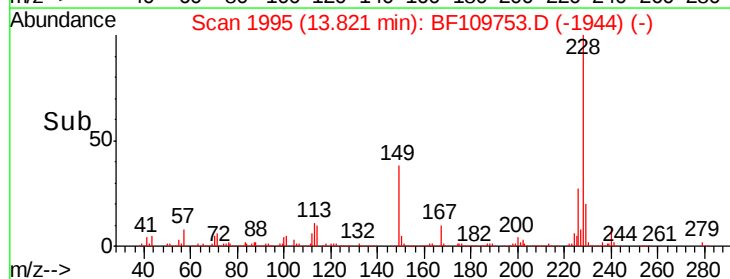
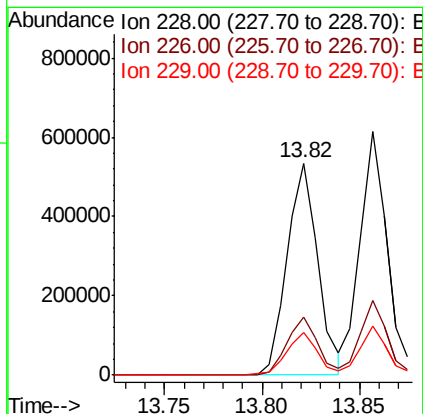
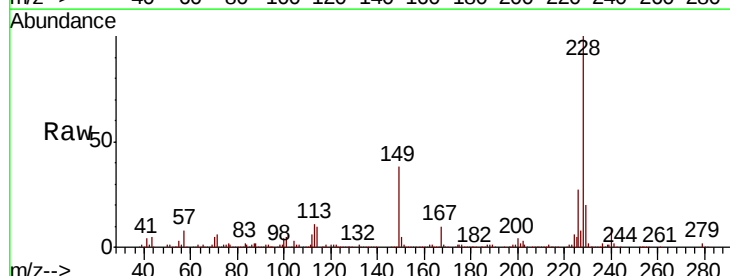
Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Tgt Ion:149 Resp: 315746
Ion Ratio Lower Upper
149 100
91 67.8 57.2 85.8
206 20.5 15.7 23.5



#80
Benzo(a)anthracene
Concen: 49.887 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion:228 Resp: 584854
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 20.0 15.6 23.4

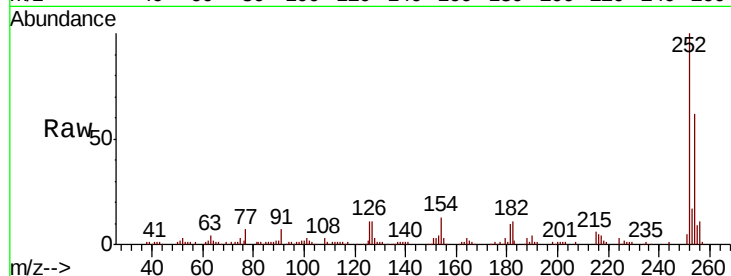




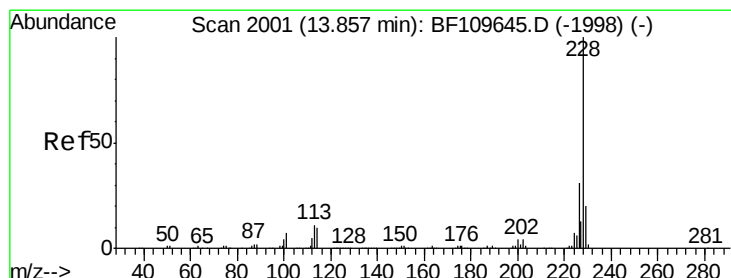
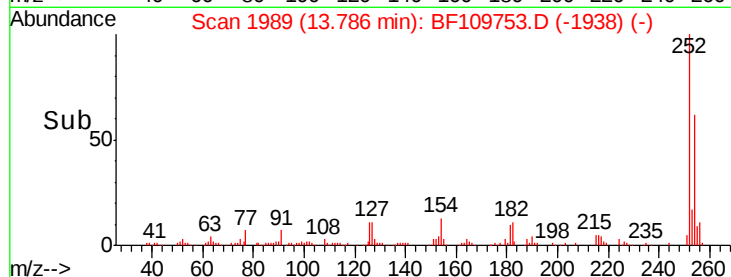
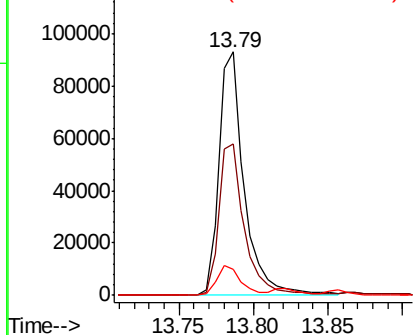
#81
 3,3'-Dichlorobenzidine
 Concen: 23.477 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MS

Tgt Ion: 252 Resp: 110823
 Ion Ratio Lower Upper
 252 100
 254 62.3 51.3 76.9
 126 10.6 9.4 14.2

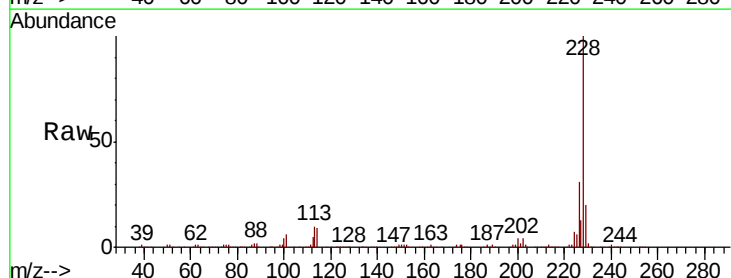


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

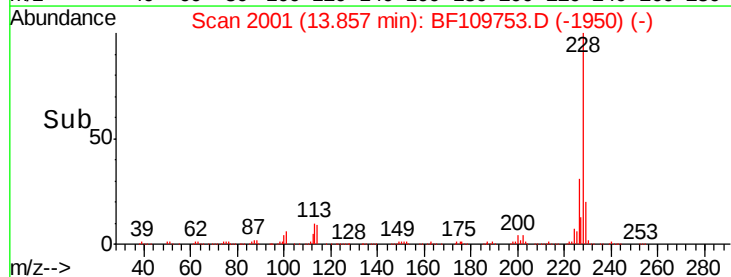
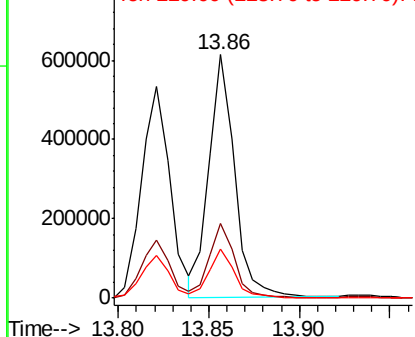


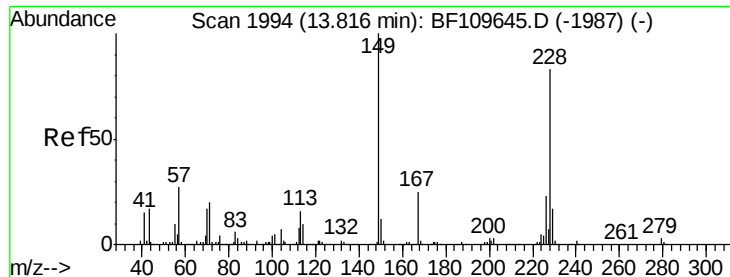
#82
 Chrysene
 Concen: 48.871 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Tgt Ion: 228 Resp: 601811
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.7 37.1
 229 20.1 15.9 23.9



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

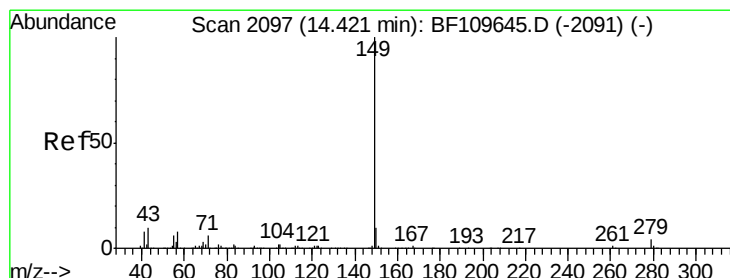
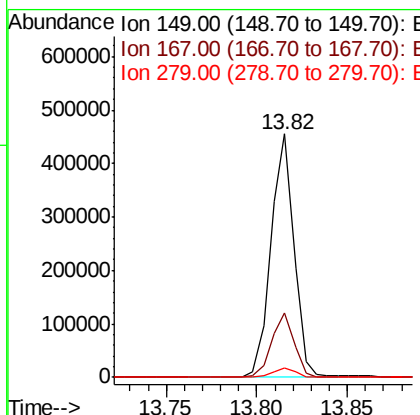
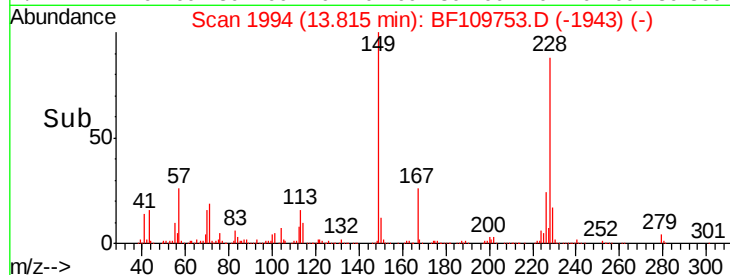
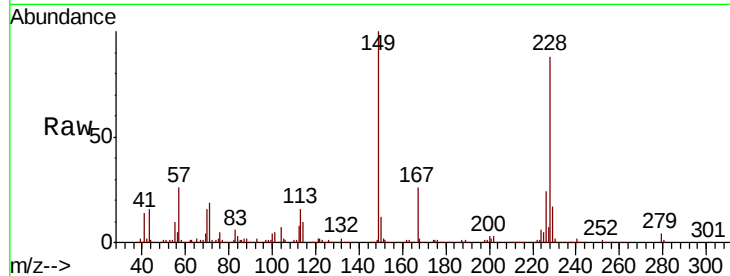




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.765 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

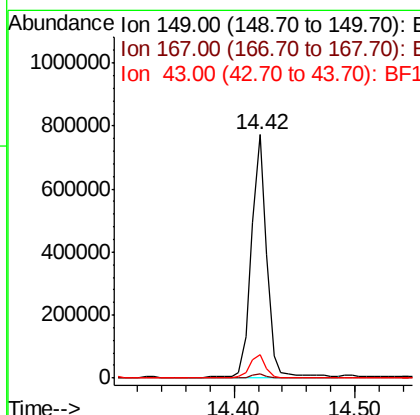
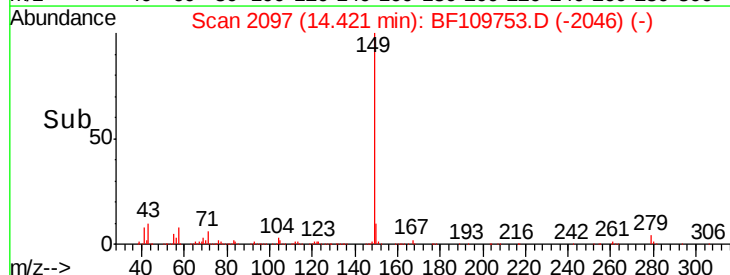
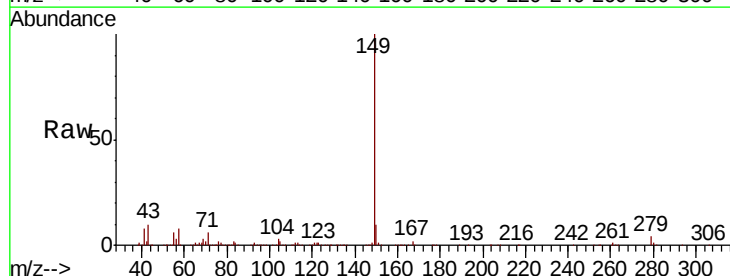
Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MS

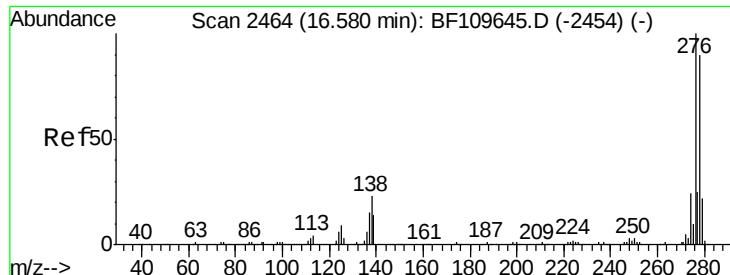
Tgt Ion:149 Resp: 401486
 Ion Ratio Lower Upper
 149 100
 167 26.3 19.8 29.8
 279 3.8 2.7 4.1



#84
 Di-n-octyl phthalate
 Concen: 52.855 ng
 RT: 14.42 min Scan# 2097
 Delta R.T. -0.00 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Tgt Ion:149 Resp: 687836
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 9.6 7.8 11.8

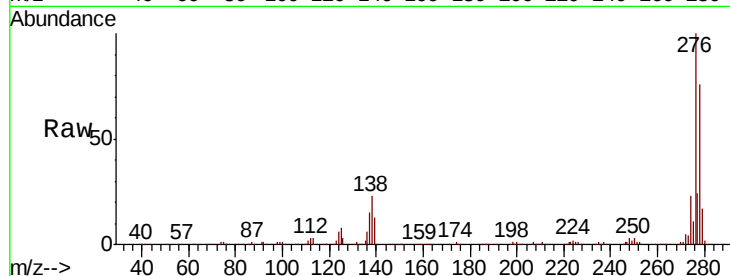




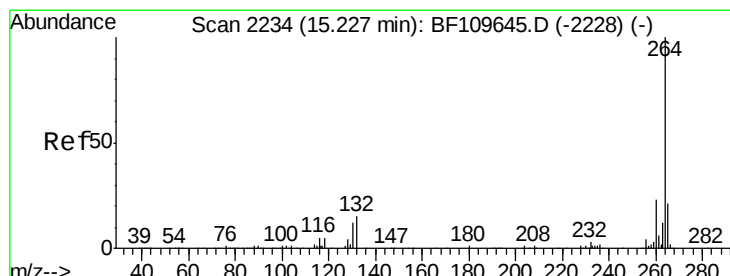
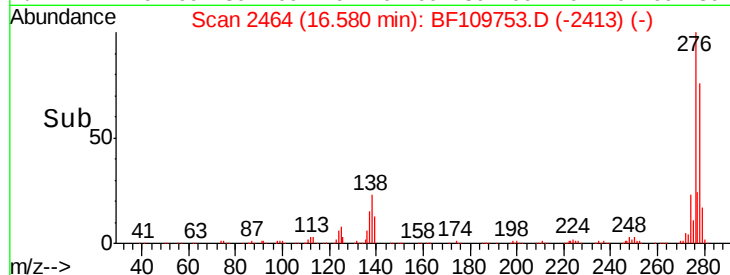
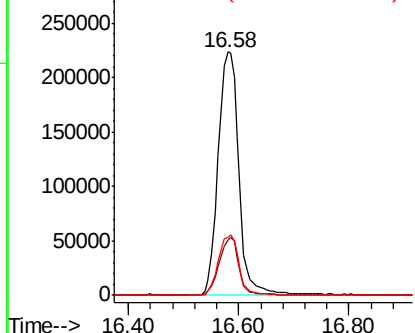
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 66.996 ng
 RT: 16.58 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.7	18.5	27.7
277	24.8	20.0	30.0

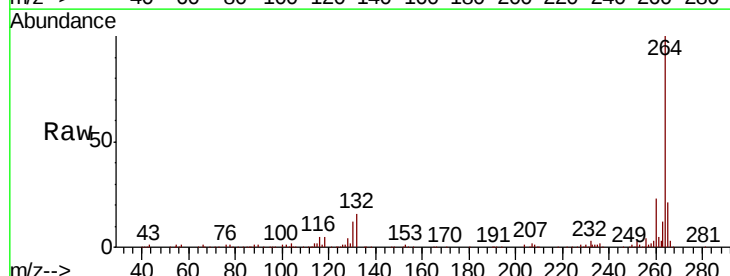


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

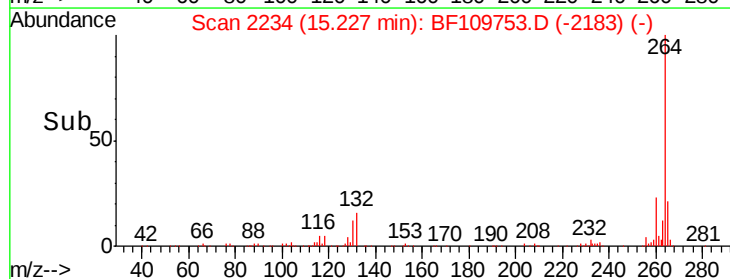
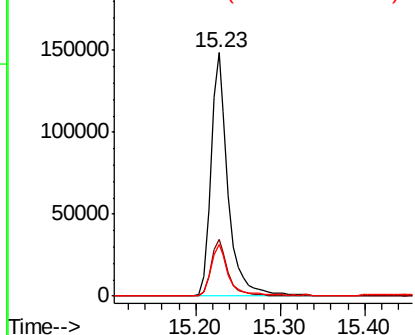


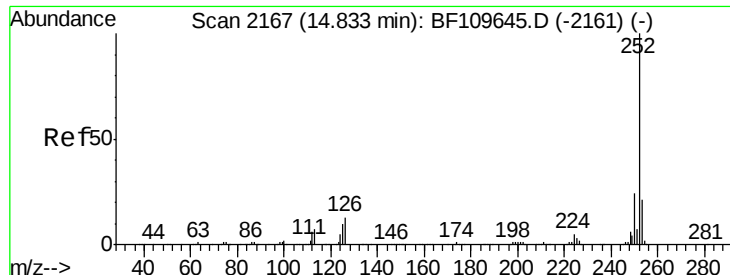
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF109753.D
 Acq: 10 Oct 2018 20:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.5	16.7	25.1



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

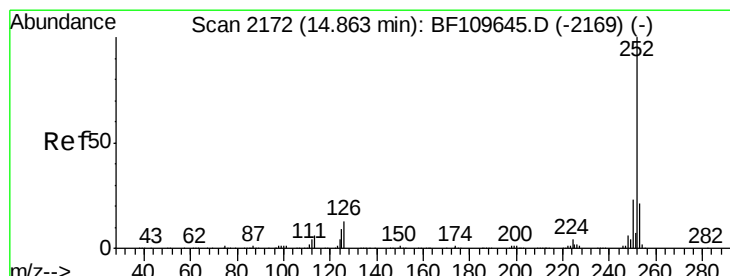
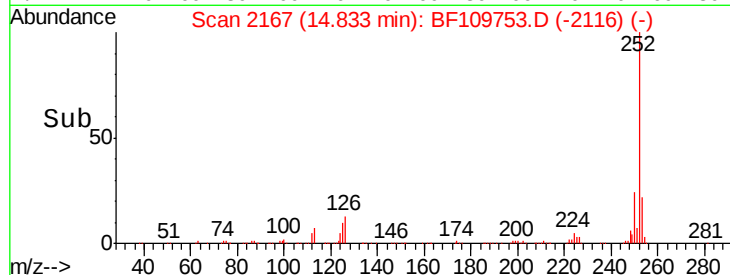
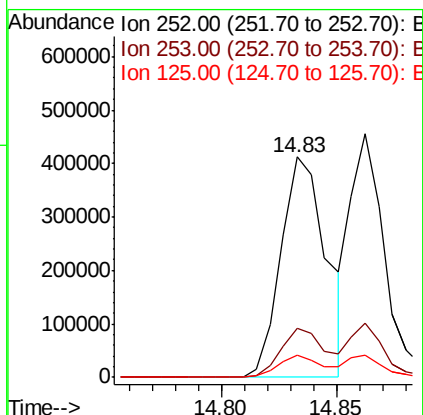
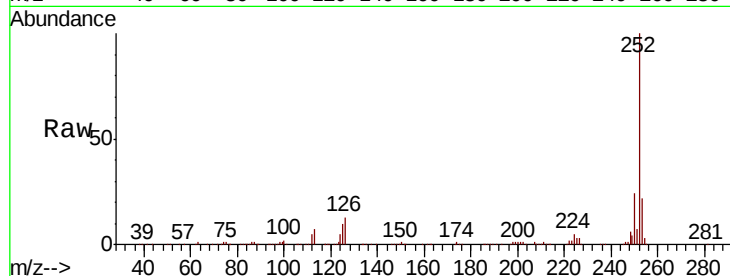




#87
Benzo(b)fluoranthene
Concen: 47.905 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

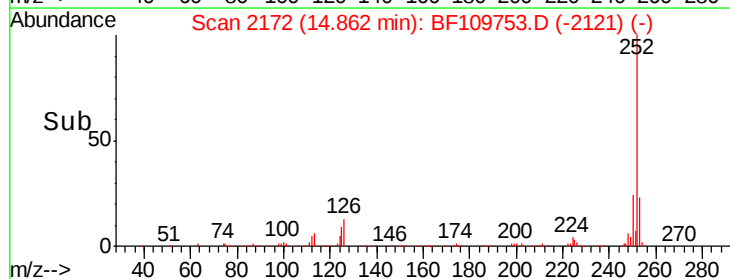
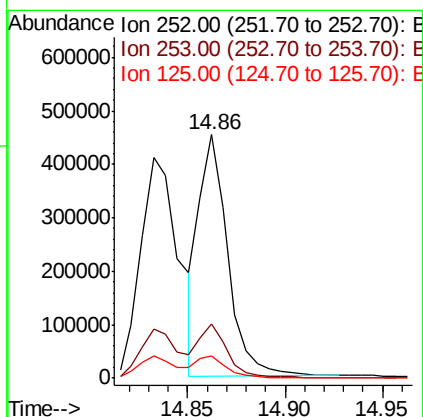
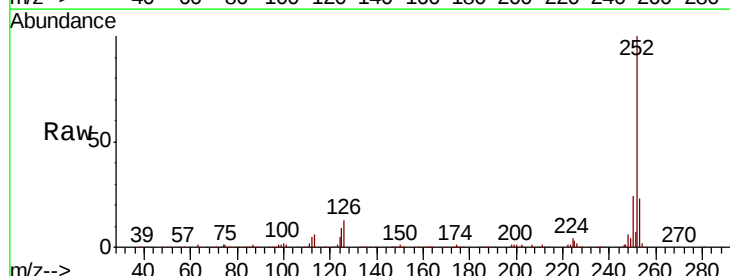
Instrument :
BNA_F
ClientSampleId :
RBR200035MS

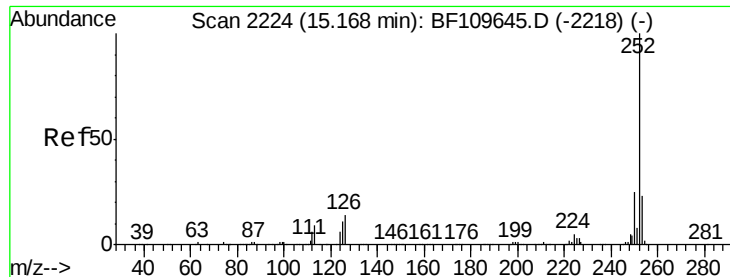
Tgt Ion:252 Resp: 562297
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 9.9 8.2 12.4



#88
Benzo(k)fluoranthene
Concen: 39.572 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF109753.D
Acq: 10 Oct 2018 20:16

Tgt Ion:252 Resp: 466693
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 9.3 7.4 11.0





#89

Benzo(a)pyrene

Concen: 46.298 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Instrument :

BNA_F

ClientSampleId :

RBR200035MS

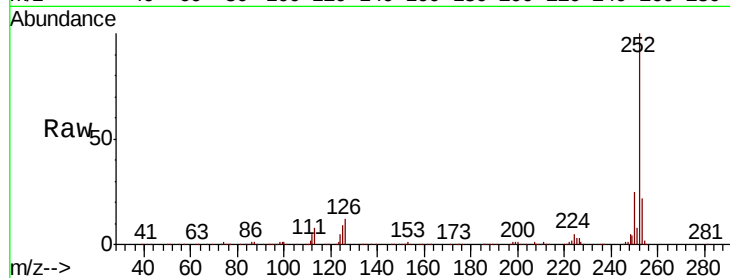
Tgt Ion:252 Resp: 493146

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.4

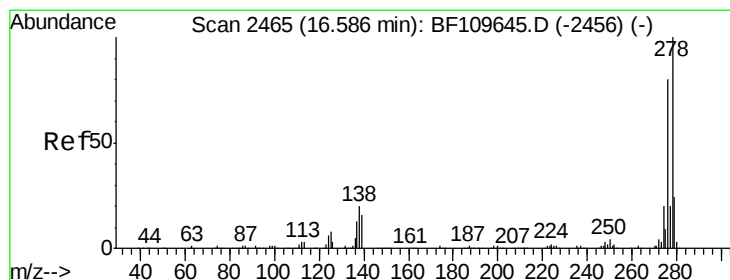
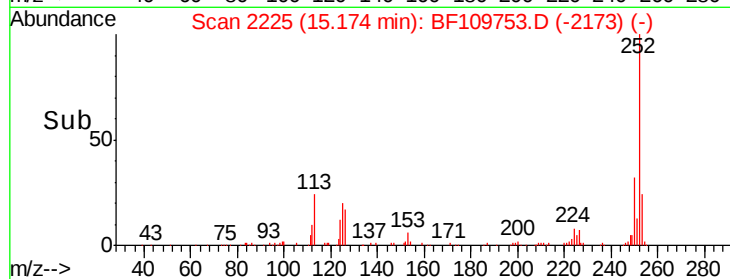
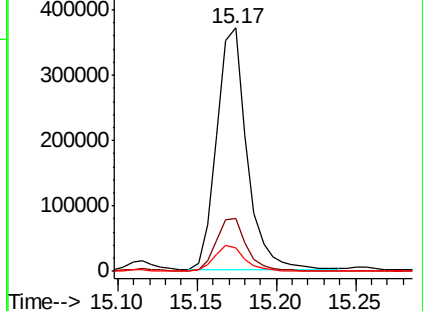
125 9.4 9.0 13.6



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



#90

Dibenzo(a,h)anthracene

Concen: 55.277 ng

RT: 16.59 min Scan# 2466

Delta R.T. 0.01 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

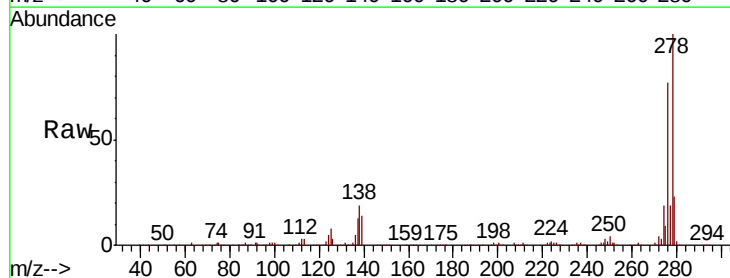
Tgt Ion:278 Resp: 483560

Ion Ratio Lower Upper

278 100

139 14.3 12.7 19.1

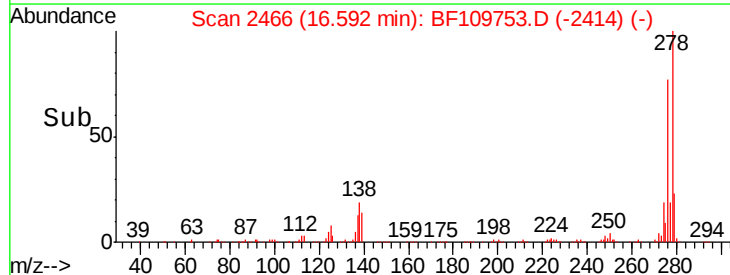
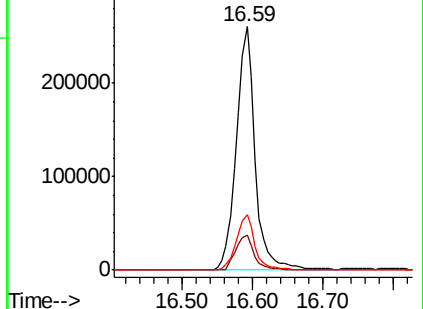
279 22.7 19.0 28.4

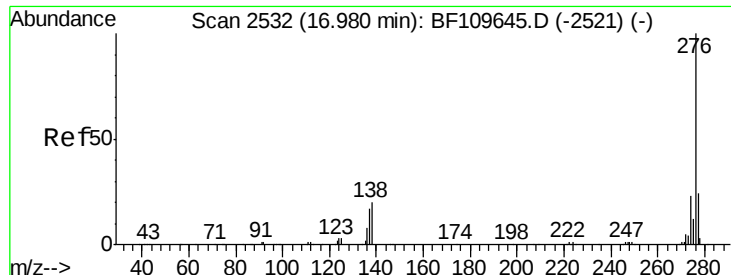


Abundance Ion 278.00 (277.70 to 278.70): E

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: 57.252 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF109753.D

Acq: 10 Oct 2018 20:16

Instrument :

BNA_F

ClientSampleId :

RBR200035MS

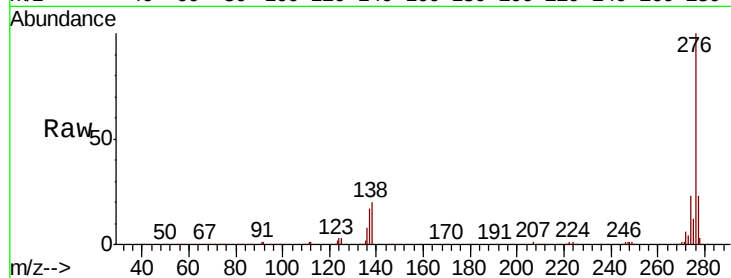
Tgt Ion: 276 Resp: 500129

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 19.7 16.0 24.0



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

