

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
 Data File : BF109791.D
 Acq On : 11 Oct 2018 17:15
 Operator : JU/SJ
 Sample : J5394-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 17:47:35 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	84162	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	337881	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	156944	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	264881	20.00	ng	0.00
75) Chrysene-d12	13.83	240	182935	20.00	ng	0.00
86) Perylene-d12	15.23	264	219775	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	515111	108.64	ng	0.00
7) Phenol-d6	6.35	99	682388	107.73	ng	0.00
23) Nitrobenzene-d5	7.26	82	470052	76.69	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	163785	95.78	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	789624	69.29	ng	0.00
78) Terphenyl-d14	12.78	244	576360	60.99	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.40	88	60913	24.479	ng	99
3) Pyridine	3.13	79	138249	26.929	ng	97
4) n-Nitrosodimethylamine	3.06	42	64210	34.651	ng	# 93
6) Aniline	6.36	93	139891	18.959	ng	# 25
8) 2-Chlorophenol	6.49	128	194525	33.359	ng	99
9) Benzaldehyde	6.25	77	84667	20.772	ng	95
10) Phenol	6.36	94	231591	31.886	ng	# 78
11) bis(2-Chloroethyl)ether	6.43	93	161893	26.886	ng	99
12) 1,3-Dichlorobenzene	6.63	146	199720	29.945	ng	97
13) 1,4-Dichlorobenzene	6.71	146	226019	31.088	ng	99
14) 1,2-Dichlorobenzene	6.86	146	204279	31.994	ng	99
15) Benzyl Alcohol	6.85	79	153074	32.599	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	250550	31.380	ng	99
17) 2-Methylphenol	6.96	107	149306	32.378	ng	93
18) Hexachloroethane	7.20	117	80268	31.235	ng	98
19) n-Nitroso-di-n-propylamine	7.11	70	140352	31.597	ng	98
20) 3+4-Methylphenols	7.12	107	179037	31.508	ng	93
22) Acetophenone	7.11	105	282665	34.595	ng	# 97
24) Nitrobenzene	7.28	77	206498	32.376	ng	99
25) Isophorone	7.52	82	379377	37.273	ng	99
26) 2-Nitrophenol	7.60	139	97813	32.786	ng	96
27) 2,4-Dimethylphenol	7.65	122	168426	39.095	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	236646	34.372	ng	99
29) 2,4-Dichlorophenol	7.85	162	163054	33.743	ng	97
30) 1,2,4-Trichlorobenzene	7.92	180	172436	32.235	ng	99
31) Naphthalene	8.00	128	574358	36.756	ng	99
32) Benzoic acid	7.65	122	168426	54.681	ng	# 11
33) 4-Chloroaniline	8.06	127	92237	13.404	ng	97
34) Hexachlorobutadiene	8.12	225	104726	31.487	ng	99
35) Caprolactam	8.41	113	42303	29.313	ng	96
36) 4-Chloro-3-methylphenol	8.55	107	169551	33.239	ng	96
37) 2-Methylnaphthalene	8.69	142	369608	36.110	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	174692	32.699	ng	99
40) Hexachlorocyclopentadiene	8.84	237	110990	50.378	ng	98

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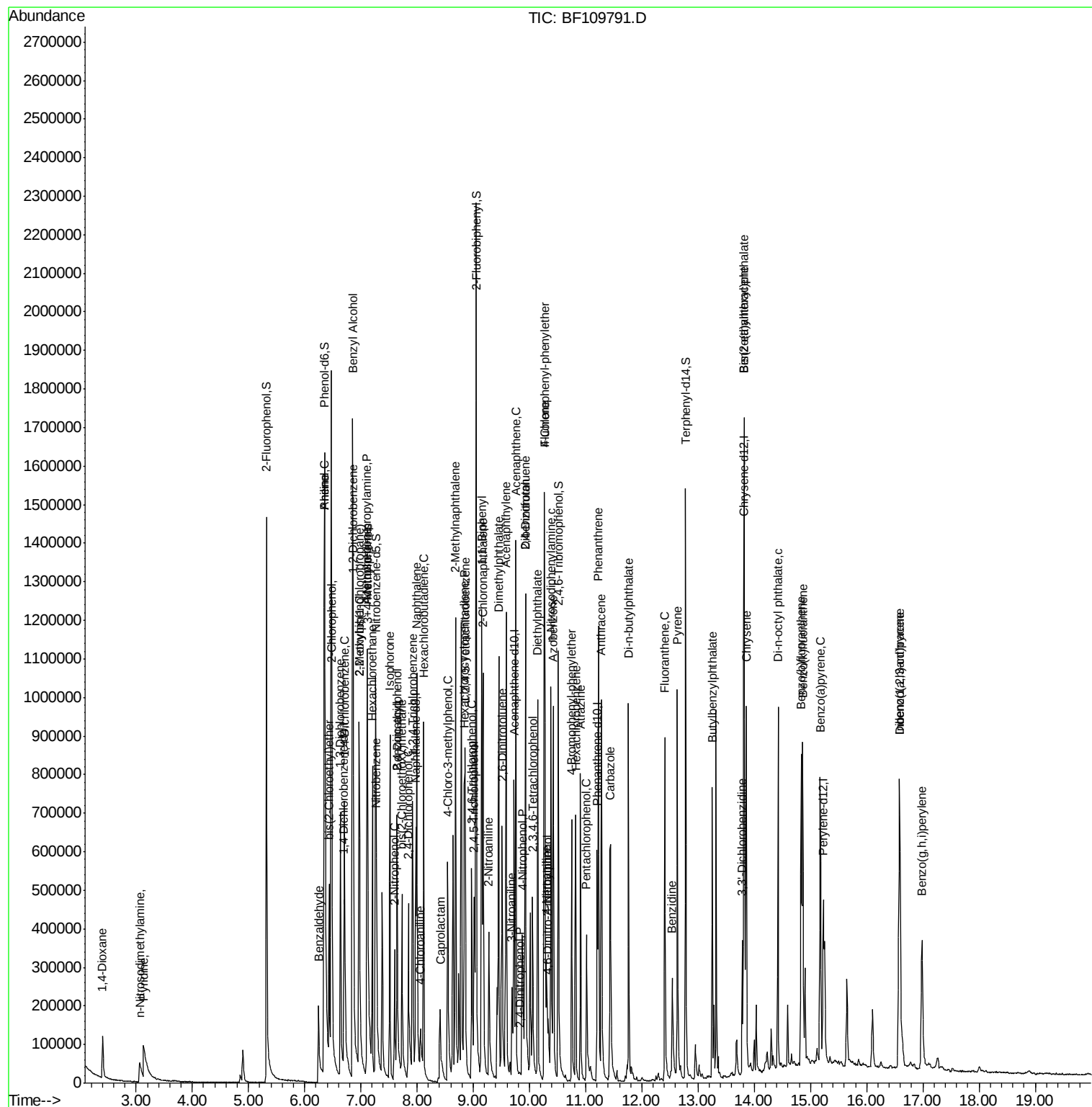
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	100012	31.316	ng	99
43) 2,4,5-Trichlorophenol	9.02	196	119736	32.607	ng	98
45) 1,1'-Biphenyl	9.15	154	454522	32.418	ng	99
46) 2-Chloronaphthalene	9.17	162	342901	32.644	ng	99
47) 2-Nitroaniline	9.27	65	107307	33.738	ng	99
48) Acenaphthylene	9.59	152	540304	35.283	ng	99
49) Dimethylphthalate	9.45	163	498553	43.313	ng	100
50) 2,6-Dinitrotoluene	9.52	165	83723	33.555	ng	95
51) Acenaphthene	9.76	154	315003	34.700	ng	98
52) 3-Nitroaniline	9.69	138	70045	25.044	ng	95
53) 2,4-Dinitrophenol	9.83	184	2117	2.630	ng	# 1
54) Dibenzofuran	9.93	168	452251	33.235	ng	99
55) 4-Nitrophenol	9.87	139	68892	45.001	ng	95
56) 2,4-Dinitrotoluene	9.92	165	105144	33.768	ng	94
57) Fluorene	10.27	166	358821	35.311	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	91620	30.694	ng	95
59) Diethylphthalate	10.15	149	391901	34.363	ng	98
60) 4-Chlorophenyl-phenylether	10.26	204	171323	31.957	ng	99
61) 4-Nitroaniline	10.30	138	76900	29.689	ng	99
62) Azobenzene	10.42	77	386336	33.359	ng	100
64) 4,6-Dinitro-2-methylphenol	10.33	198	19769	15.334	ng	85
65) n-Nitrosodiphenylamine	10.39	169	327252	36.444	ng	99
66) 4-Bromophenyl-phenylether	10.75	248	105392	34.628	ng	97
67) Hexachlorobenzene	10.82	284	105766	32.092	ng	100
68) Atrazine	10.91	200	98675	35.212	ng	100
69) Pentachlorophenol	11.02	266	70024	37.759	ng	100
70) Phenanthrene	11.23	178	508561	38.366	ng	100
71) Anthracene	11.28	178	518103	37.810	ng	99
72) Carbazole	11.44	167	409813	30.836	ng	99
73) Di-n-butylphthalate	11.77	149	535225	34.723	ng	98
74) Fluoranthene	12.41	202	471551	34.052	ng	97
76) Benzidine	12.54	184	178515	26.269	ng	97
77) Pyrene	12.63	202	451064	33.654	ng	98
79) Butylbenzylphthalate	13.25	149	179806	30.943	ng	98
80) Benzo(a)anthracene	13.82	228	373209	36.969	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	96798	23.813	ng	99
82) Chrysene	13.86	228	379040	35.746	ng	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	245365	34.609	ng	98
84) Di-n-octyl phthalate	14.42	149	457432	40.820	ng	99
85) Indeno(1,2,3-cd)pyrene	16.59	276	431616	56.868	ng	98
87) Benzo(b)fluoranthene	14.83	252	431540	35.532	ng	100
88) Benzo(k)fluoranthene	14.86	252	370945	30.398	ng	98
89) Benzo(a)pyrene	15.17	252	404861	36.734	ng	98
90) Dibenzo(a,h)anthracene	16.59	278	347089	38.345	ng	99
91) Benzo(g,h,i)perylene	16.99	276	323522	35.792	ng	98

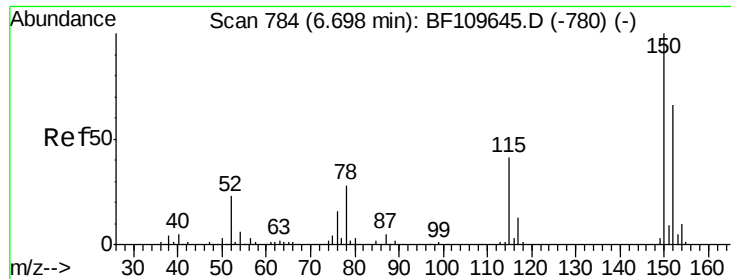
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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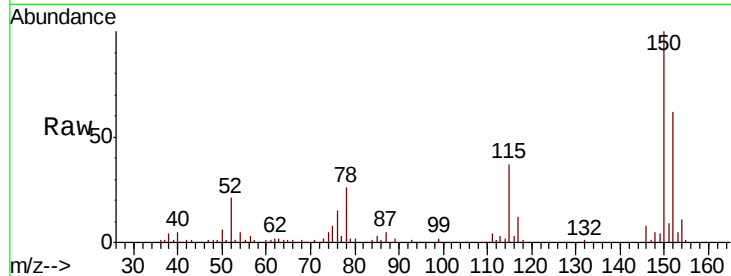


#1

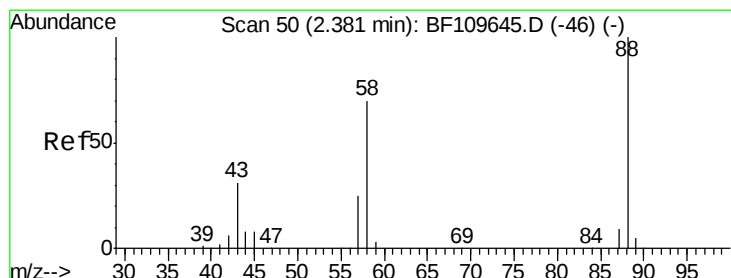
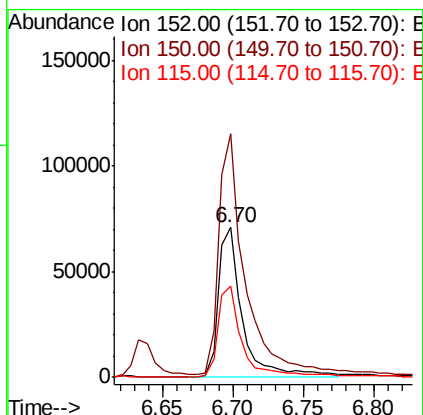
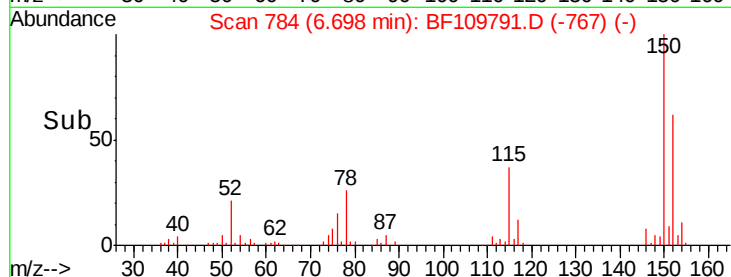
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 84162
Ion Ratio Lower Upper
152 100
150 162.4 122.7 184.1
115 60.8 49.1 73.7



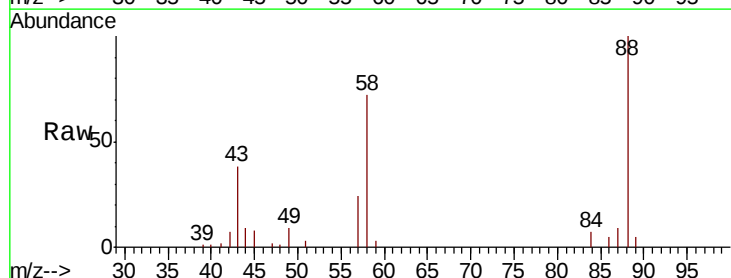
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



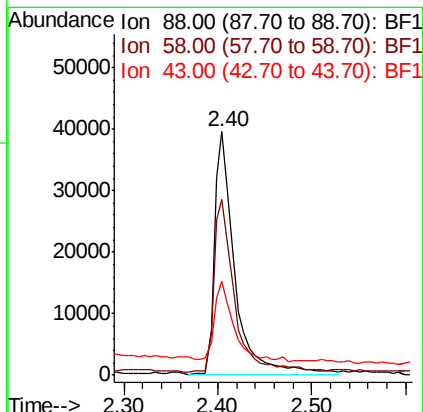
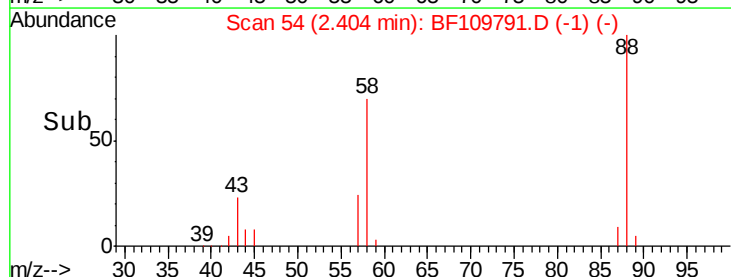
#2

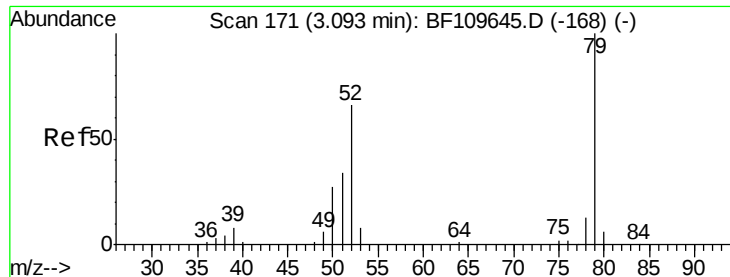
1,4-Dioxane
Concen: 24.479 ng
RT: 2.40 min Scan# 54
Delta R.T. 0.02 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Tgt Ion: 88 Resp: 60913
Ion Ratio Lower Upper
88 100
58 70.2 57.1 85.7
43 30.0 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

Pvridine

Concen: 26.929 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.04 min

Lab File: BF109791.D

Acq: 11 Oct 2018 17:15

Instrument :

BNA_F

ClientSampleId :

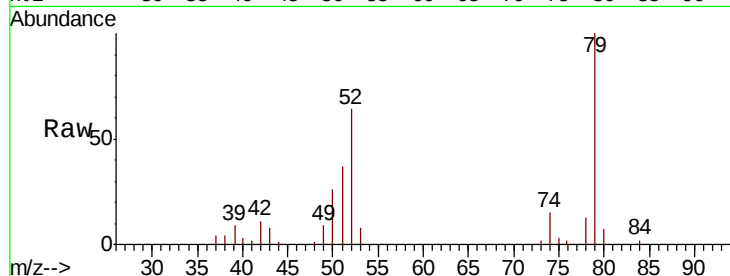
Tot Ion: 79 Resp: 138249

Ion Ratio Lower Upper

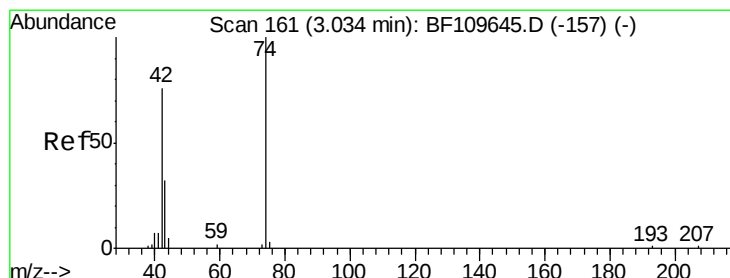
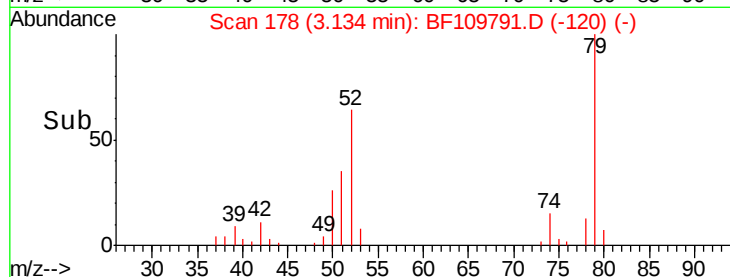
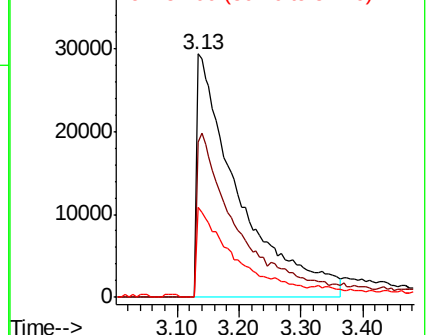
79 100

52 64.1 53.1 79.7

51 36.7 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: 34.651 ng

RT: 3.06 min Scan# 165

Delta R.T. 0.02 min

Lab File: BF109791.D

Acq: 11 Oct 2018 17:15

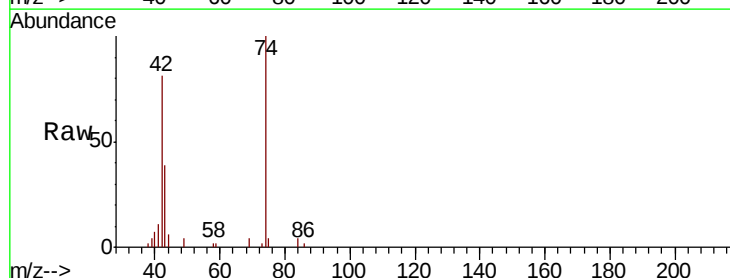
Tgt Ion: 42 Resp: 64210

Ion Ratio Lower Upper

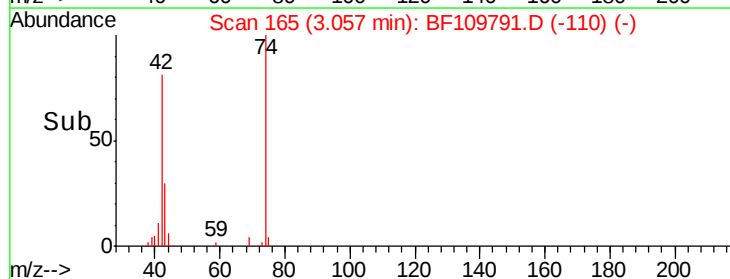
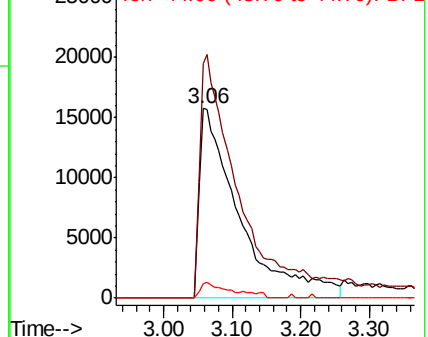
42 100

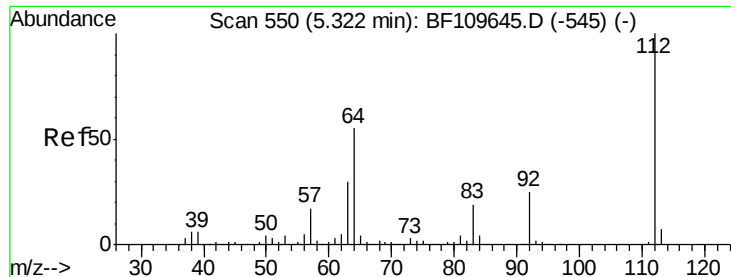
74 123.9 105.5 158.3

44 7.5 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: 108.640 ng

RT: 5.32 min Scan# 550

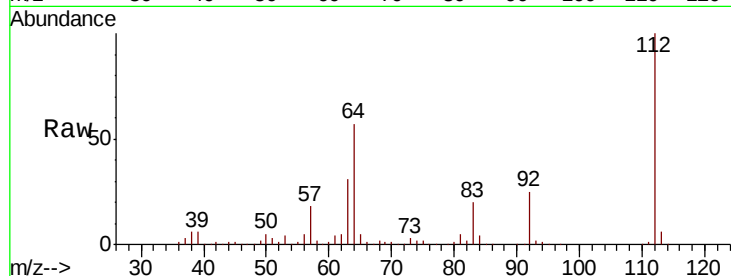
Delta R.T. 0.00 min

Lab File: BF109791.D

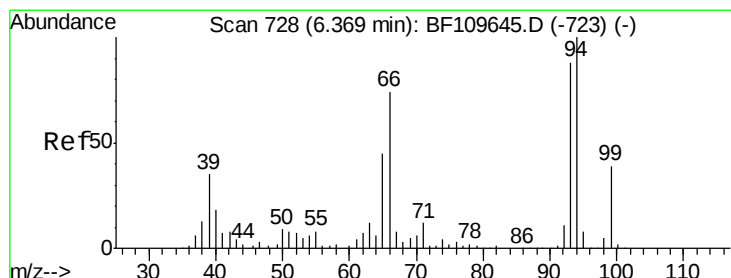
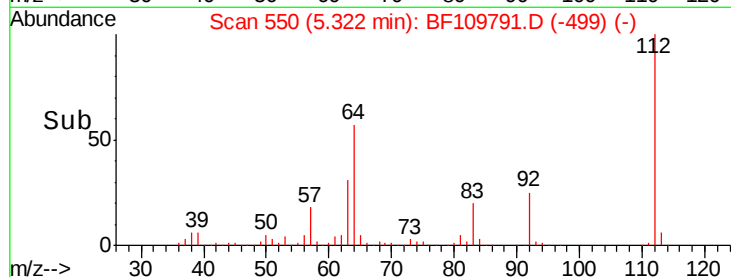
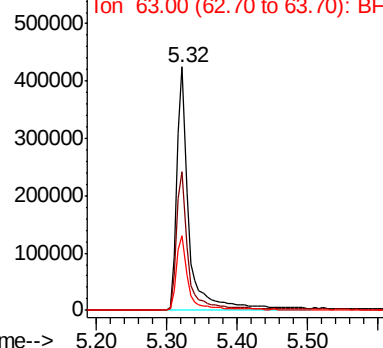
Acq: 11 Oct 2018 17:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	515111
Ion	Ratio	Lower	Upper
112	100		
64	57.2	44.1	66.1
63	30.8	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: 18.959 ng

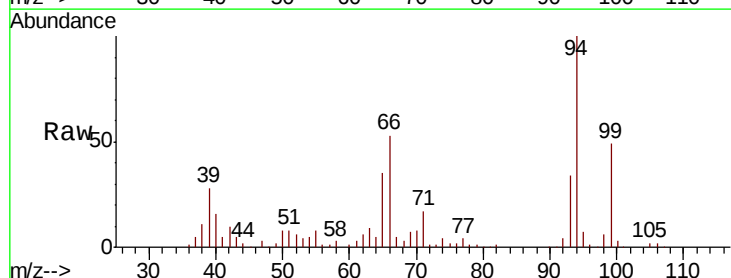
RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

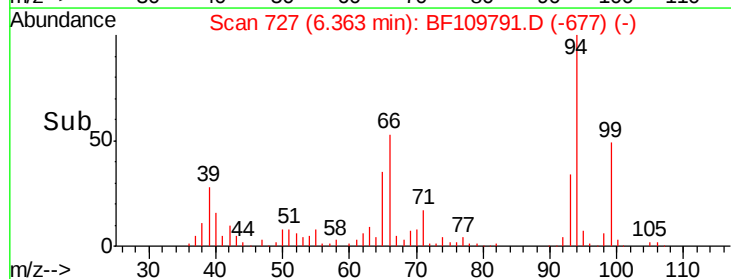
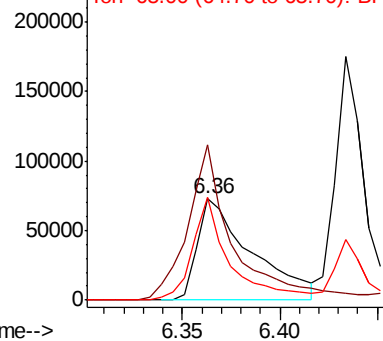
Lab File: BF109791.D

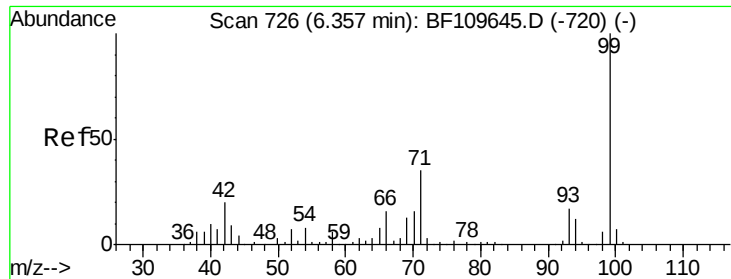
Acq: 11 Oct 2018 17:15

Tgt Ion:	93	Resp:	139891
Ion	Ratio	Lower	Upper
93	100		
66	153.9	67.4	101.0#
65	102.4	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: 107.734 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109791.D

Acq: 11 Oct 2018 17:15

Instrument :

BNA_F

ClientSampleId :

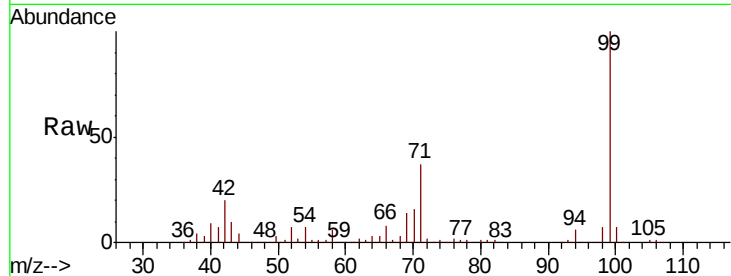
Tot Ion: 99 Resp: 682388

Ion Ratio Lower Upper

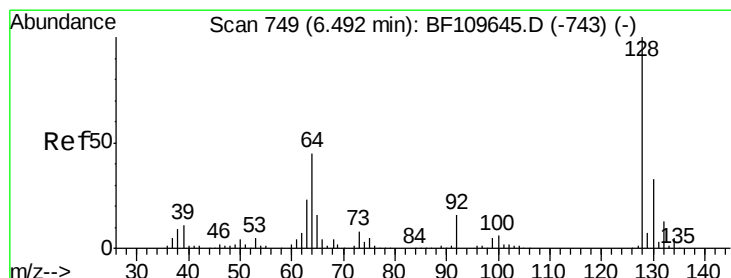
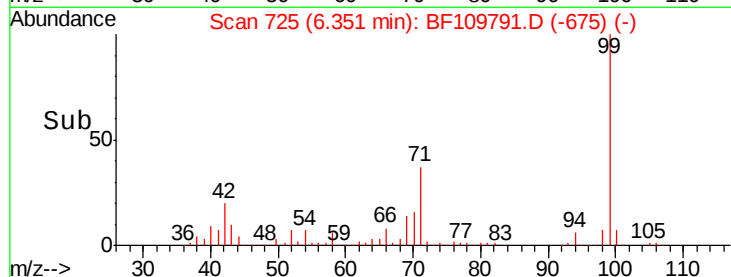
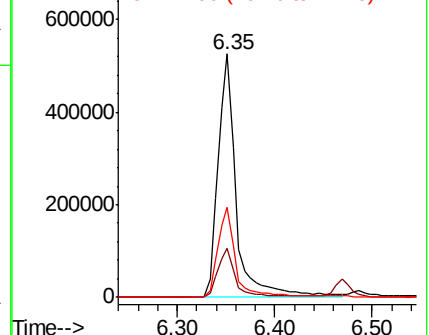
99 100

42 20.3 15.8 23.6

71 36.9 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: 33.359 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF109791.D

Acq: 11 Oct 2018 17:15

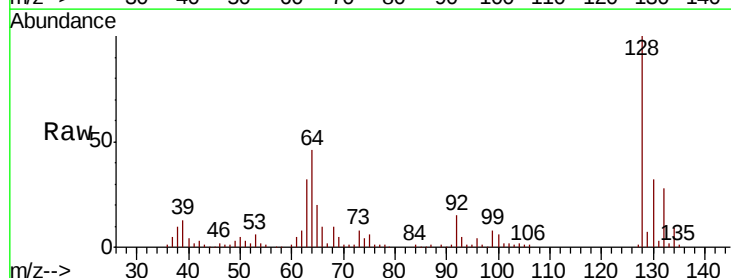
Tgt Ion: 128 Resp: 194525

Ion Ratio Lower Upper

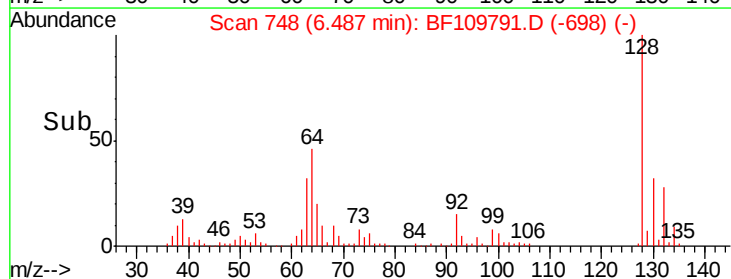
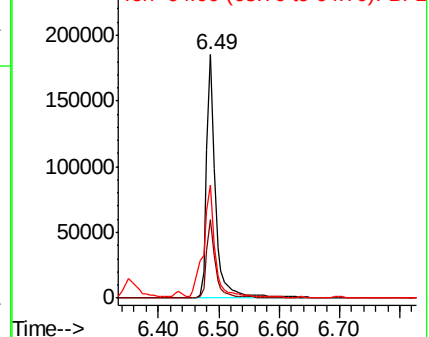
128 100

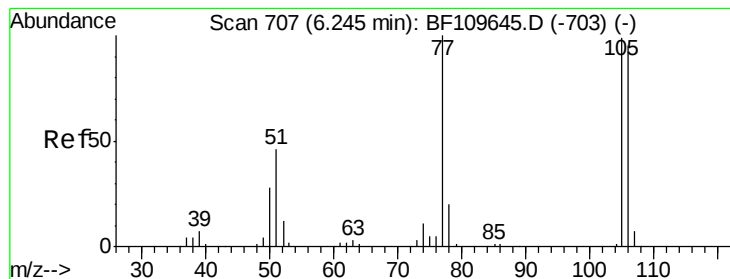
130 32.2 13.1 53.1

64 46.2 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: 20.772 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF109791.D

Acq: 11 Oct 2018 17:15

Instrument :

BNA_F

ClientSampled :

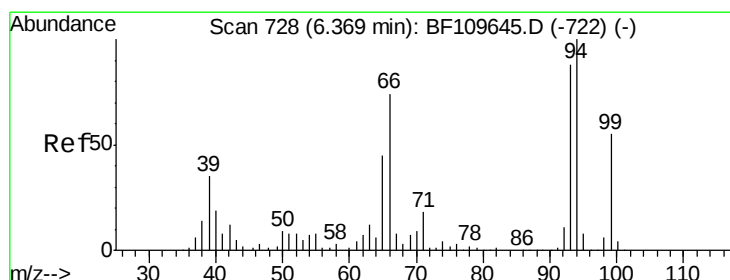
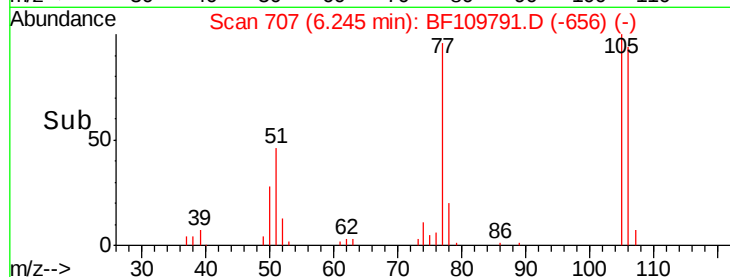
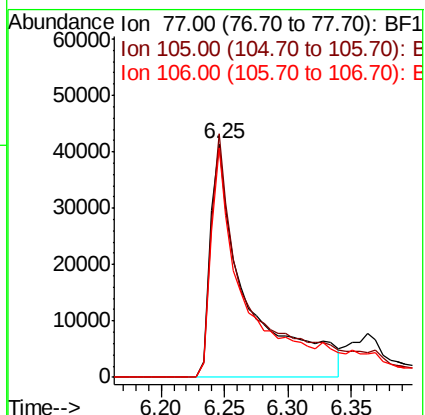
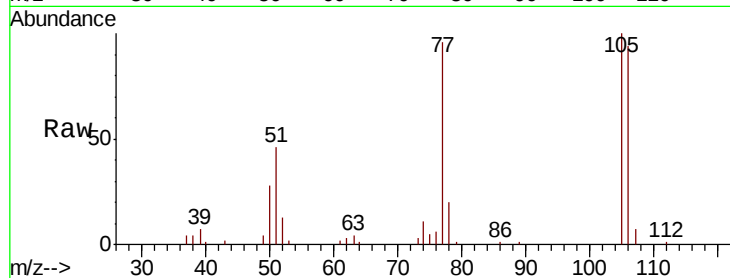
Tot Ion: 77 Resp: 84667

Ion Ratio Lower Upper

77 100

105 104.1 78.6 118.6

106 98.2 74.8 114.8



#10

Phenol

Concen: 31.886 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109791.D

Acq: 11 Oct 2018 17:15

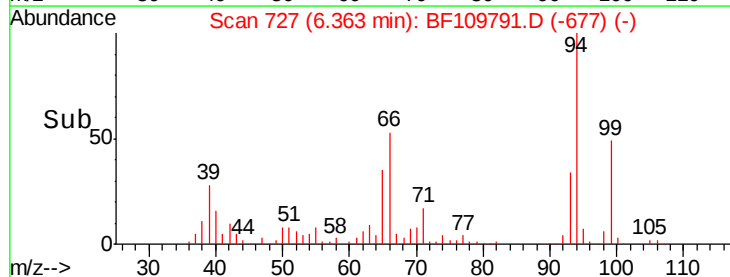
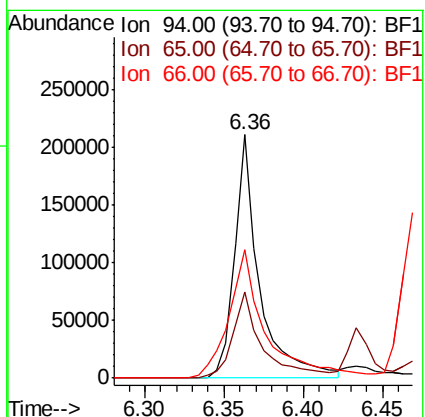
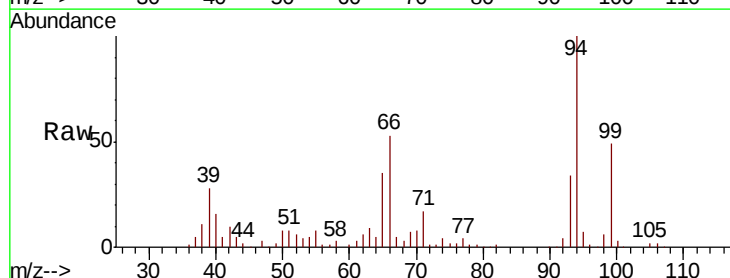
Tgt Ion: 94 Resp: 231591

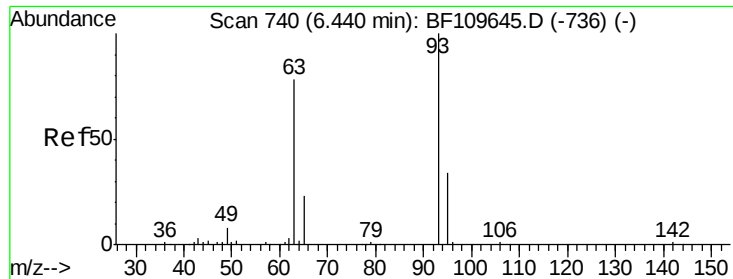
Ion Ratio Lower Upper

94 100

65 35.2 25.3 65.3

66 52.9 54.5 94.5#

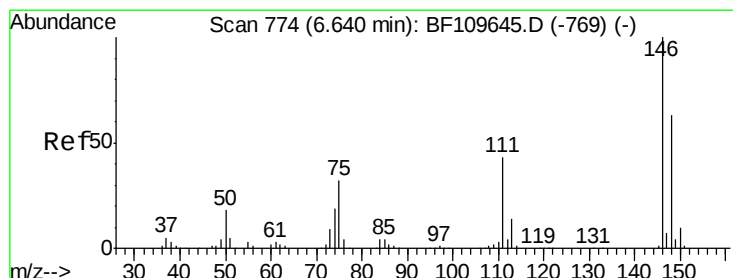
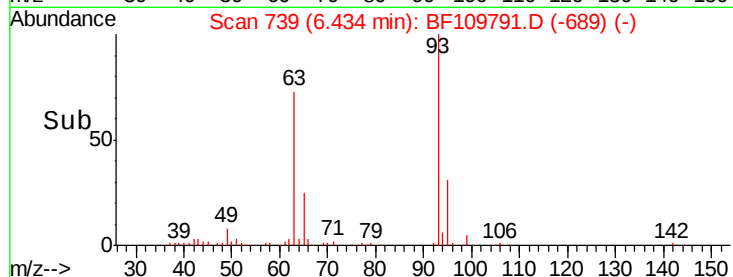
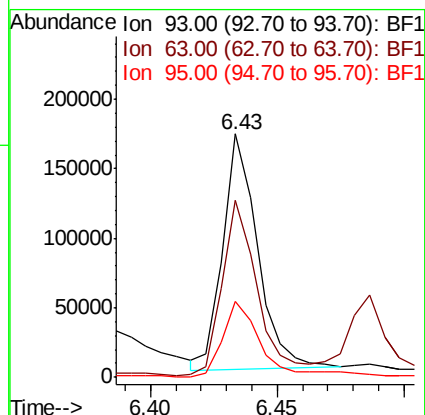
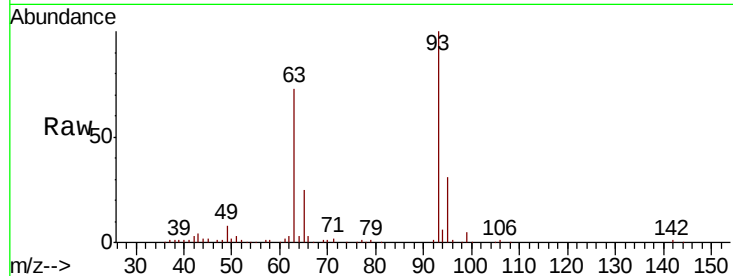




#11
bis(2-Chloroethyl)ether
Concen: 26.886 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

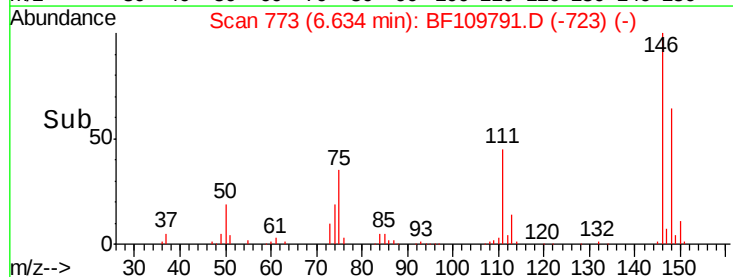
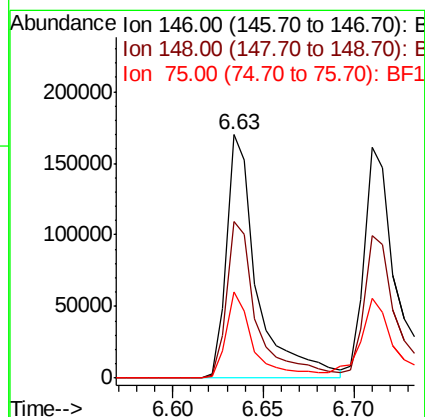
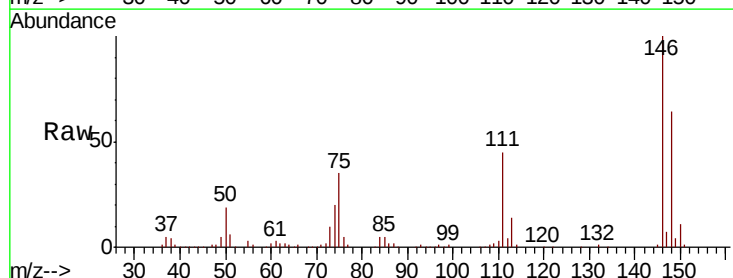
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 161893
Ion Ratio Lower Upper
93 100
63 72.7 53.4 93.4
95 31.1 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 29.945 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Tgt Ion: 146 Resp: 199720
Ion Ratio Lower Upper
146 100
148 64.3 50.4 75.6
75 35.2 25.8 38.6

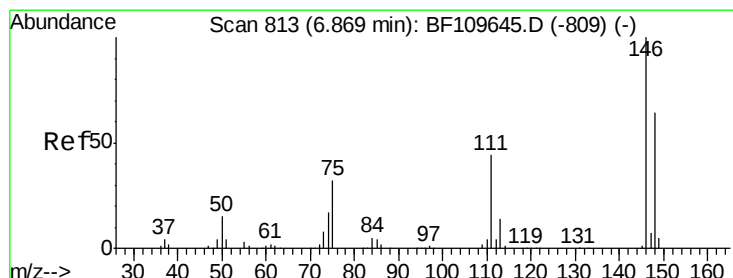
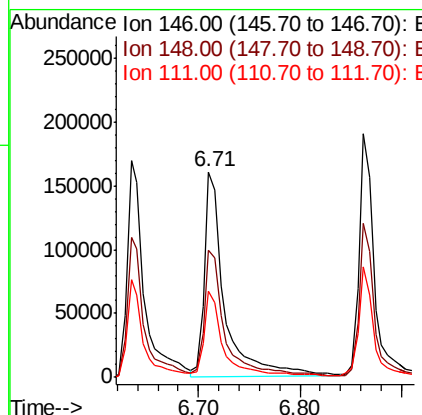
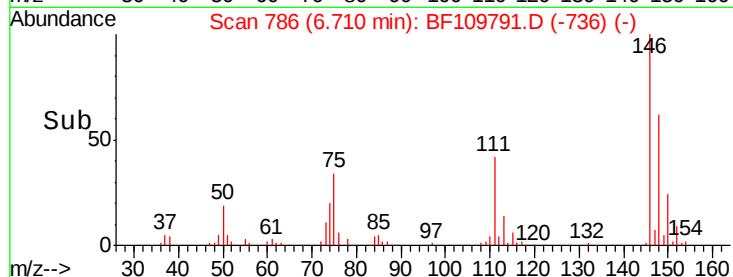
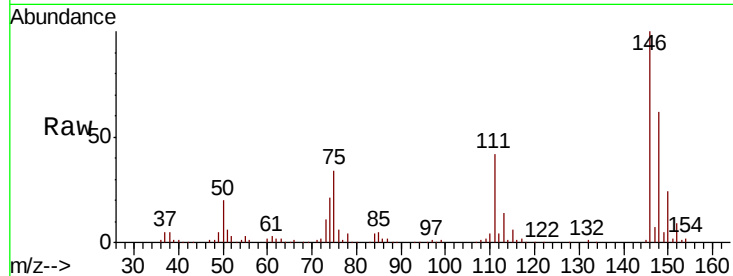




#13
 1,4-Dichlorobenzene
 Concen: 31.088 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF109791.D
 Acq: 11 Oct 2018 17:15

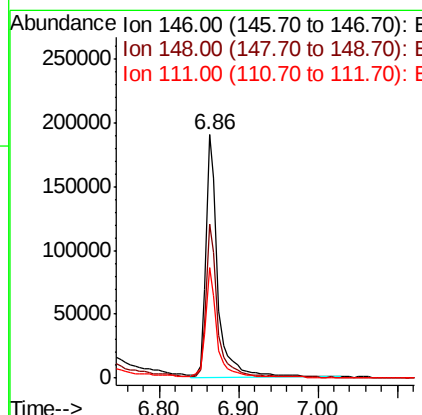
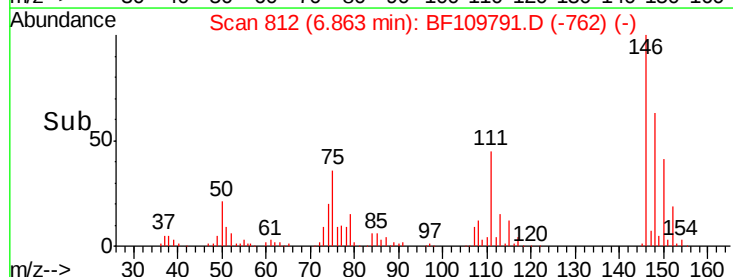
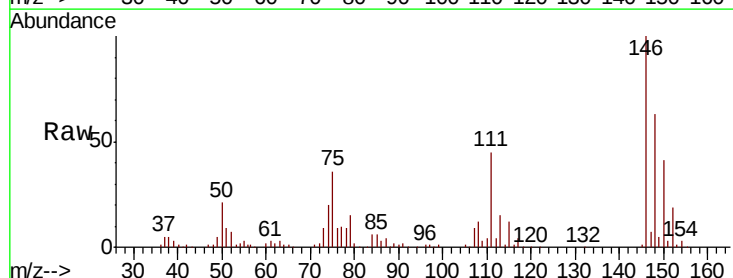
Instrument :
 BNA_F
 ClientSampled :

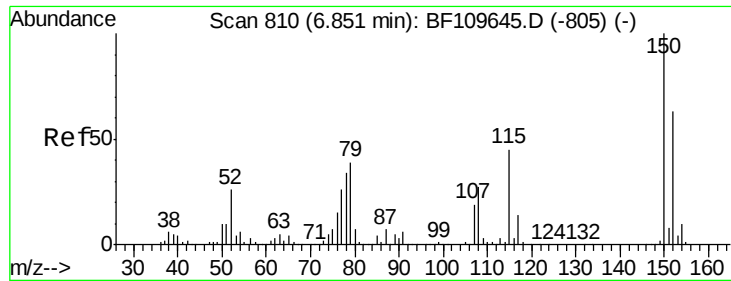
Tot Ion:146 Resp: 226019
 Ion Ratio Lower Upper
 146 100
 148 61.9 50.3 75.5
 111 42.0 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 31.994 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF109791.D
 Acq: 11 Oct 2018 17:15

Tgt Ion:146 Resp: 204279
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.1 76.7
 111 45.3 35.8 53.6

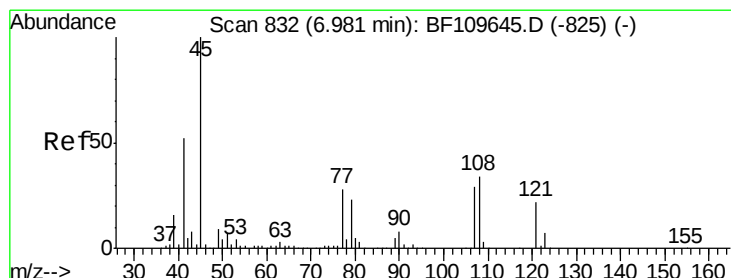
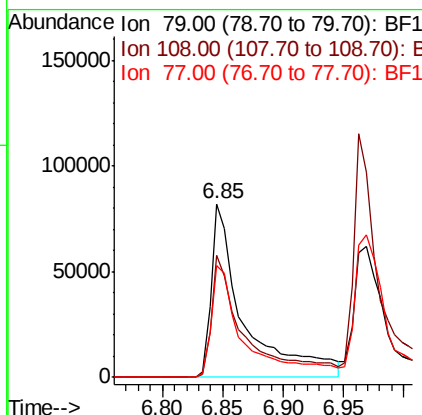
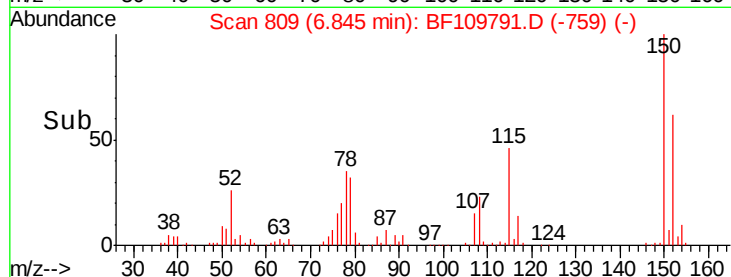
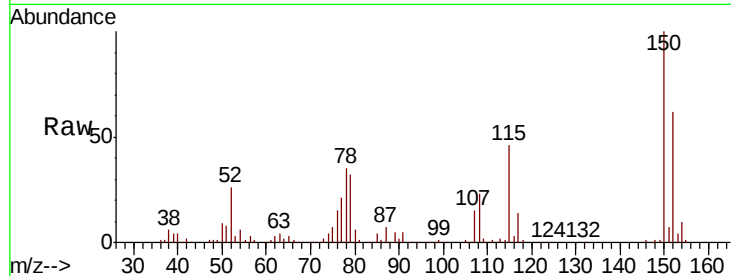




#15
Benzyl Alcohol
Concen: 32.599 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

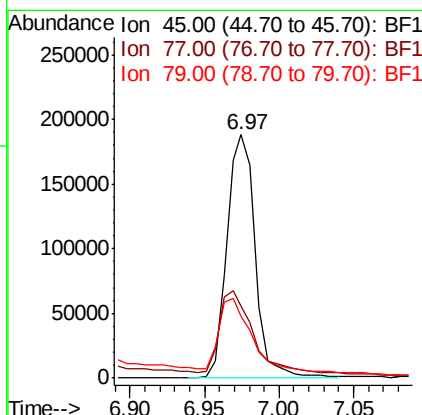
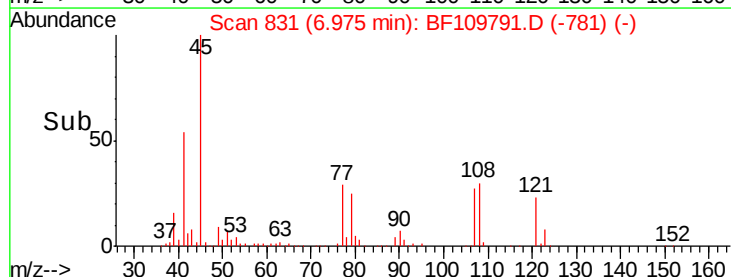
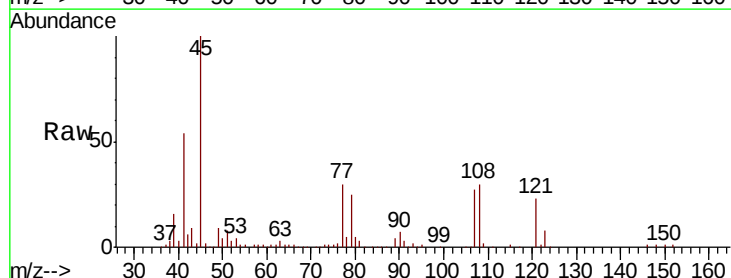
Instrument :
BNA_F
ClientSampleId :

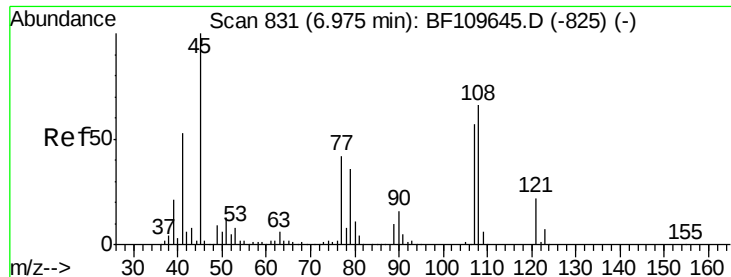
Tot Ion: 79 Resp: 153074
Ion Ratio Lower Upper
79 100
108 70.6 56.3 84.5
77 64.8 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.380 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Tgt Ion: 45 Resp: 250550
Ion Ratio Lower Upper
45 100
77 29.6 10.0 50.0
79 25.3 6.1 46.1

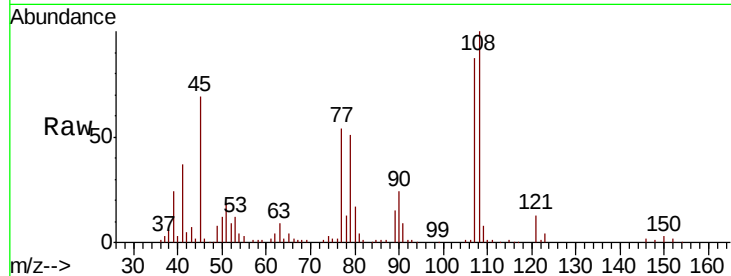




#17
2-Methylphenol
Concen: 32.378 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	149306
Ion	Ratio	Lower	Upper
107	100		
108	115.1	92.6	138.8
77	62.2	59.4	89.2
79	58.9	54.0	81.0



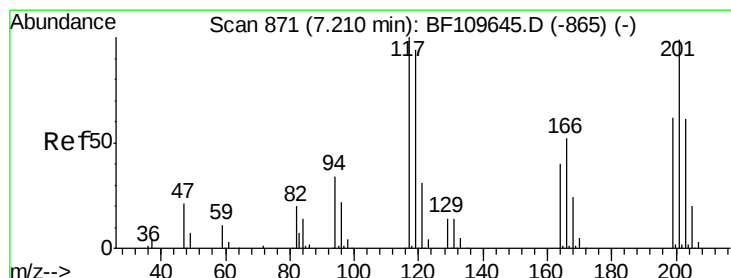
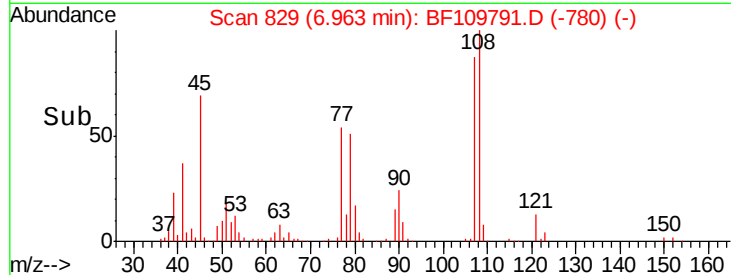
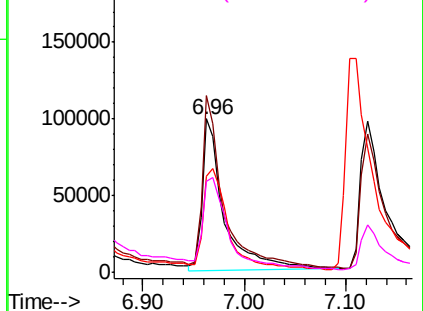
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

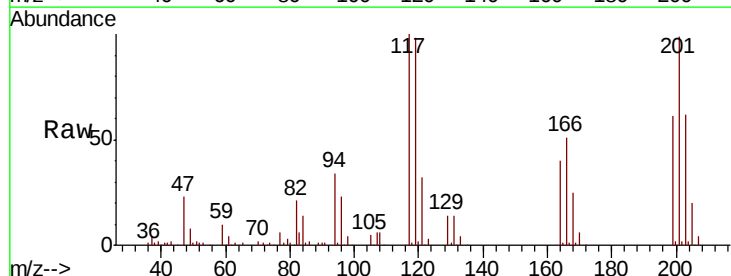
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 31.235 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Tgt Ion:	117	Resp:	80268
Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.0	112.6
201	98.8	79.2	118.8

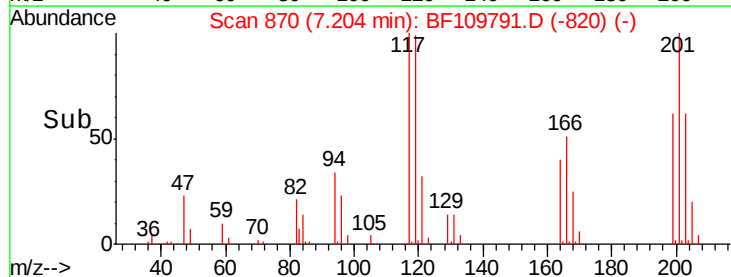
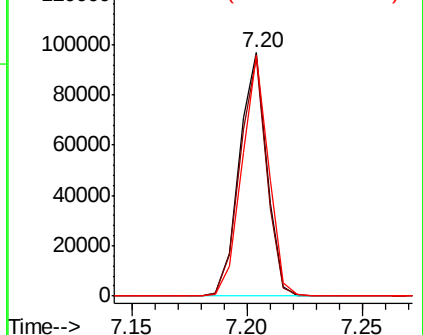


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

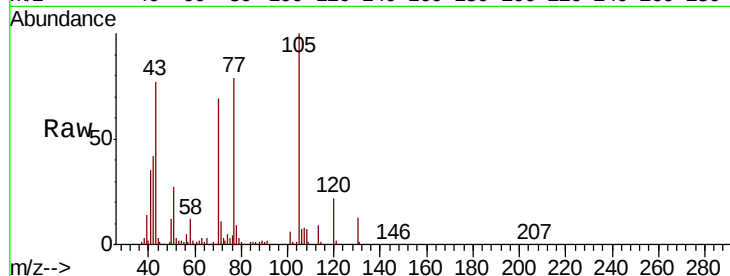




#19
n-Nitroso-di-n-propylamine
Concen: 31.597 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	140352
Ion	Ratio	Lower	Upper
70	100		
42	61.4	47.4	71.2
101	9.3	7.3	10.9
130	19.4	16.2	24.2



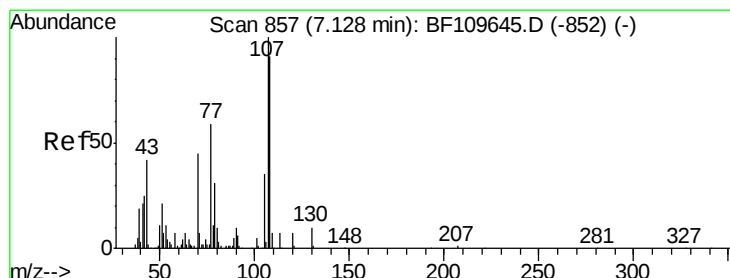
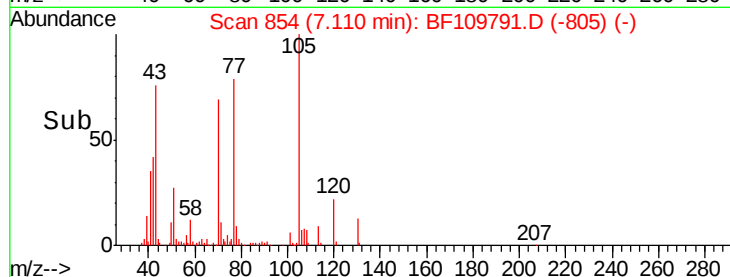
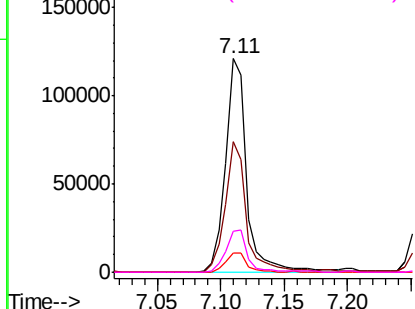
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

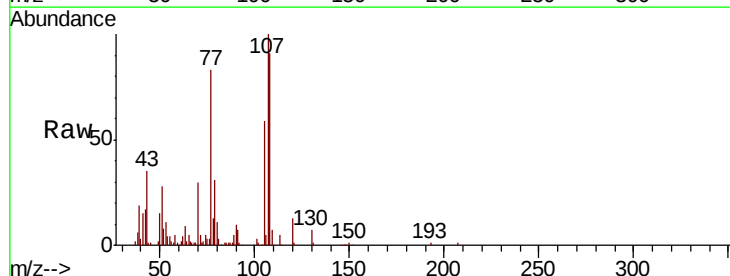
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 31.508 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Tgt Ion:	107	Resp:	179037
Ion	Ratio	Lower	Upper
107	100		
108	91.1	71.4	111.4
77	82.5	47.3	87.3
79	31.3	10.9	50.9



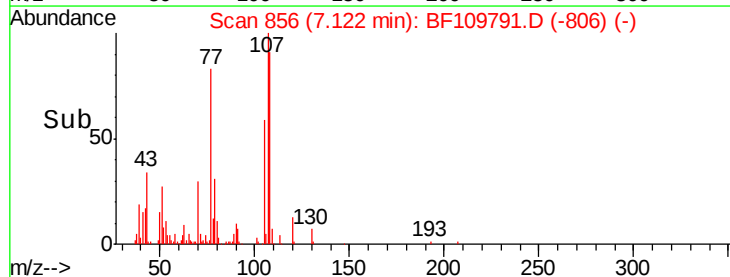
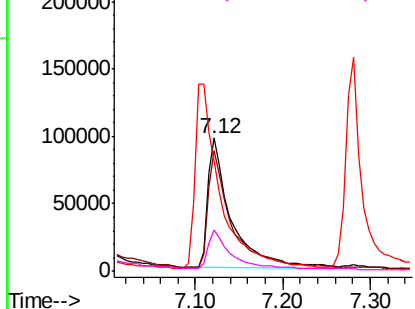
Abundance

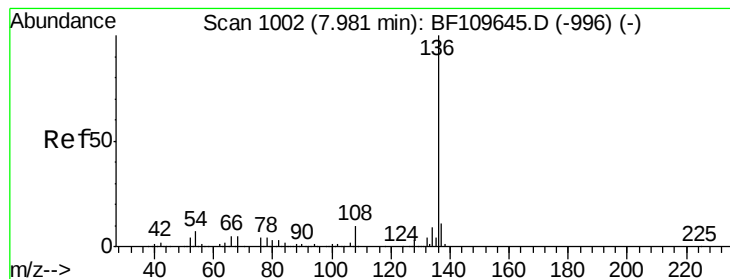
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109791.D

Acq: 11 Oct 2018 17:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 337881

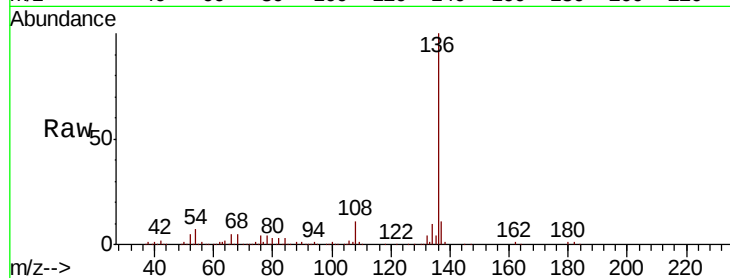
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.2 5.4 8.2

68 5.3 4.2 6.2

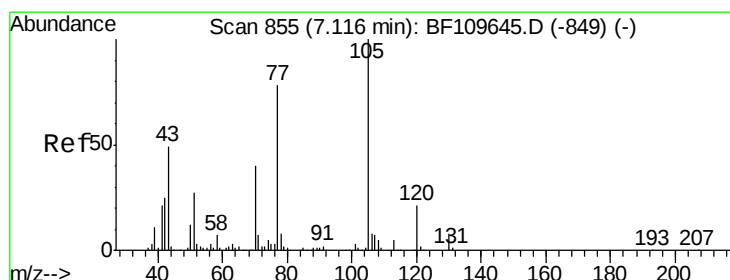
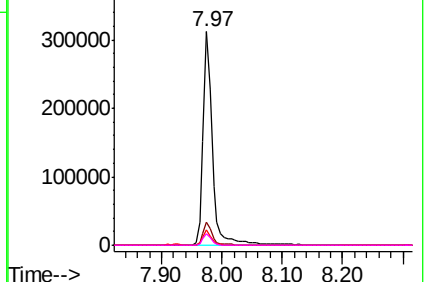
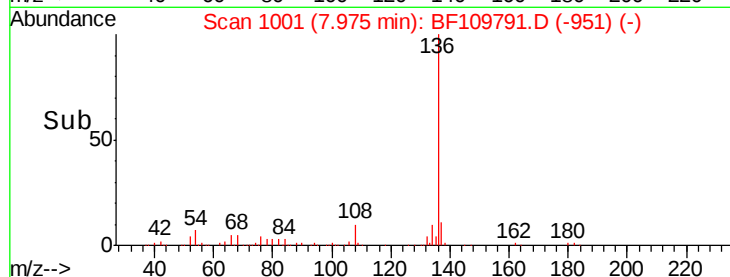


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.595 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF109791.D

Acq: 11 Oct 2018 17:15

Tgt Ion:105 Resp: 282665

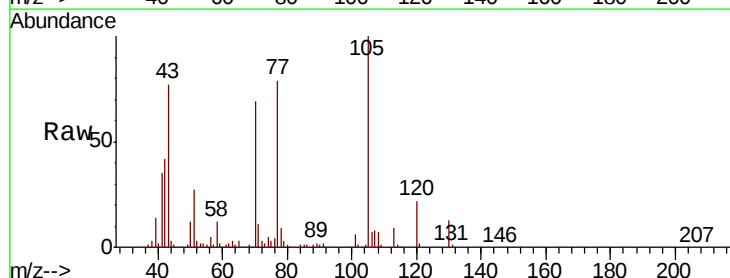
Ion Ratio Lower Upper

105 100

71 11.4 5.2 7.8#

51 26.8 21.8 32.8

120 21.8 17.0 25.4

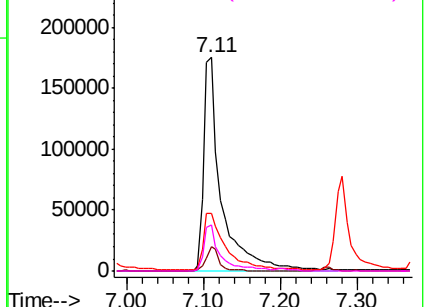
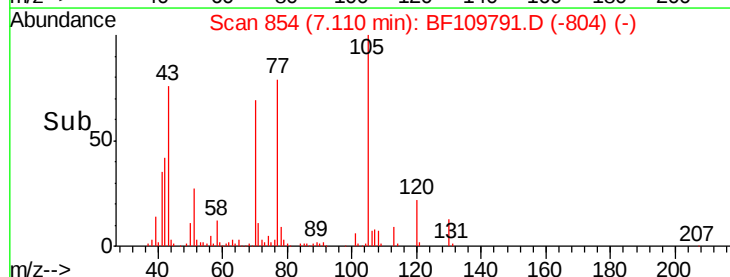


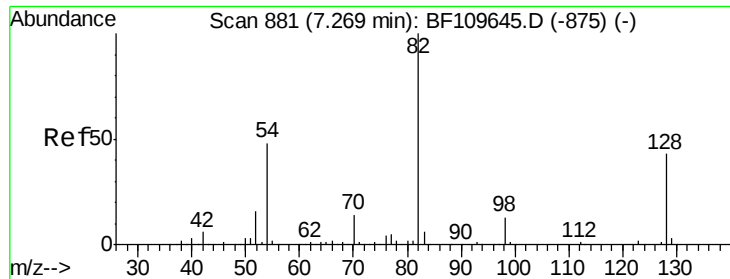
Abundance Ion 105.00 (104.70 to 105.70): E

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

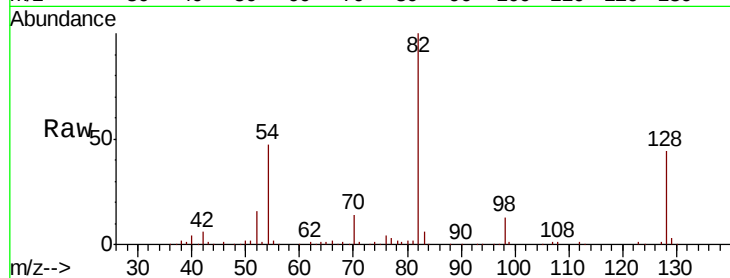




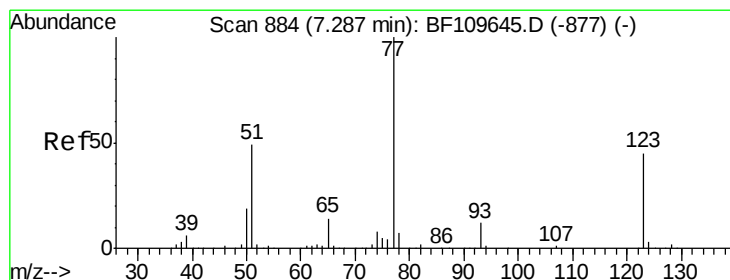
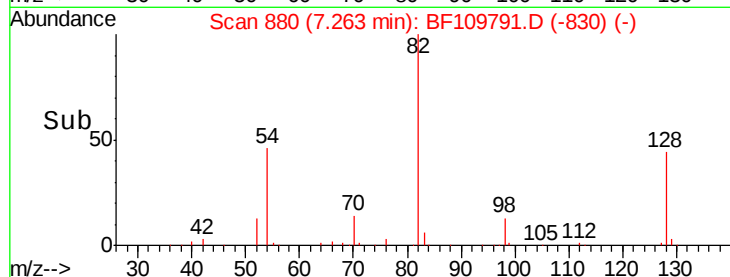
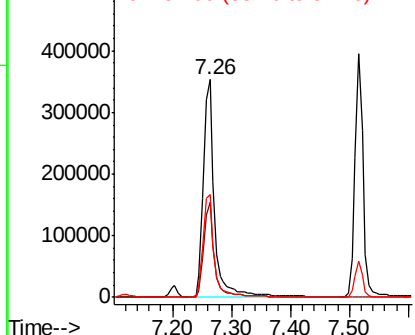
#23
 Nitrobenzene-d5
 Concen: 76.686 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109791.D
 Acq: 11 Oct 2018 17:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 470052
 Ion Ratio Lower Upper
 82 100
 128 43.8 34.2 51.2
 54 47.3 38.6 58.0

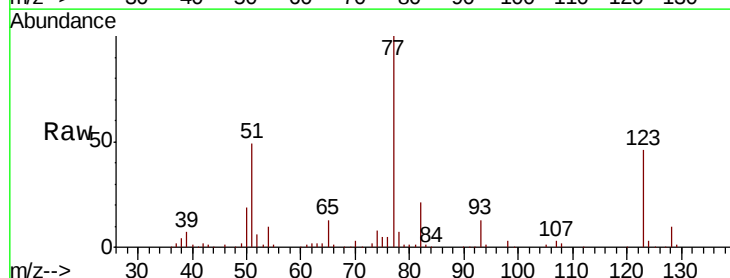


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

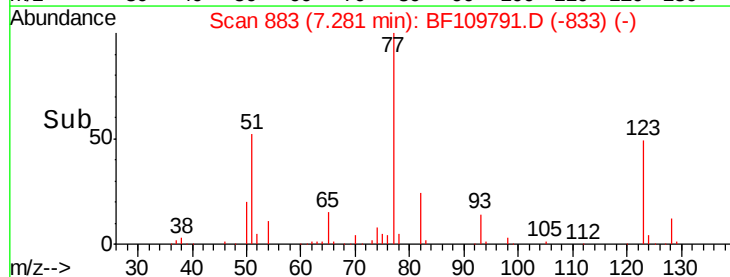
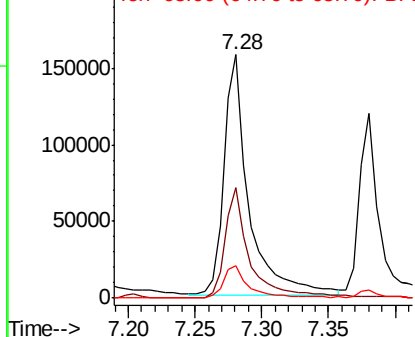


#24
 Nitrobenzene
 Concen: 32.376 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF109791.D
 Acq: 11 Oct 2018 17:15

Tgt Ion: 77 Resp: 206498
 Ion Ratio Lower Upper
 77 100
 123 45.5 35.7 53.5
 65 13.4 10.7 16.1



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

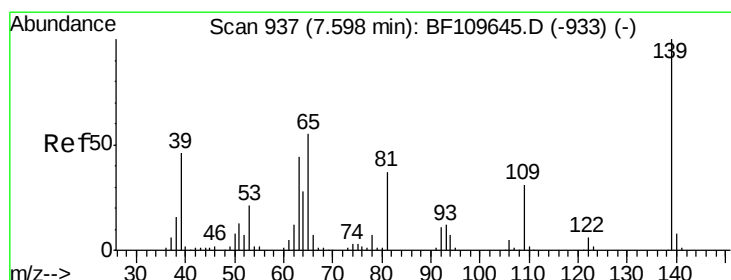
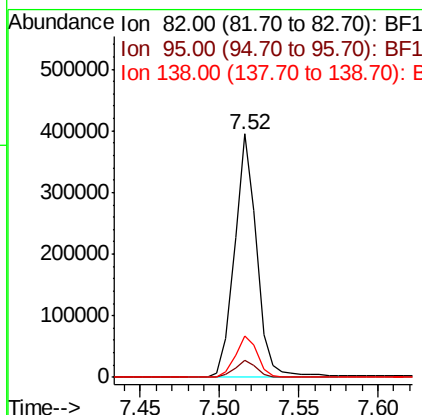
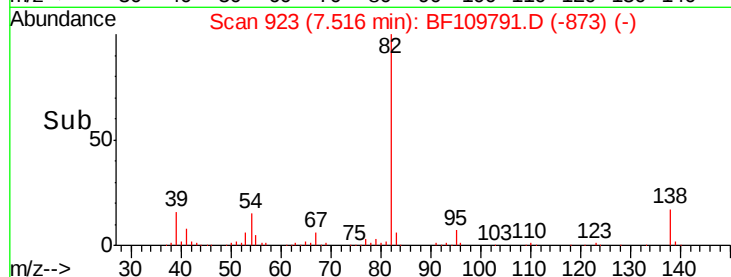
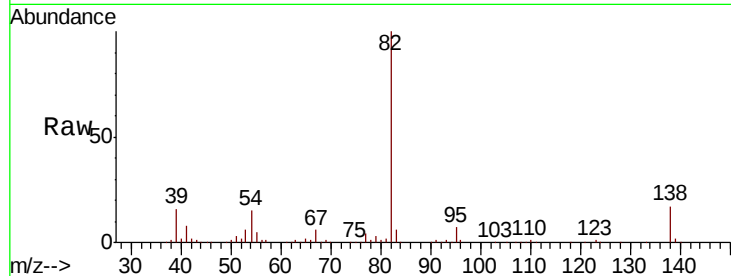




#25
Isophorone
Concen: 37.273 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

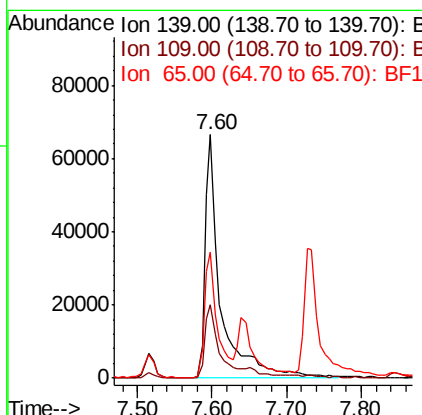
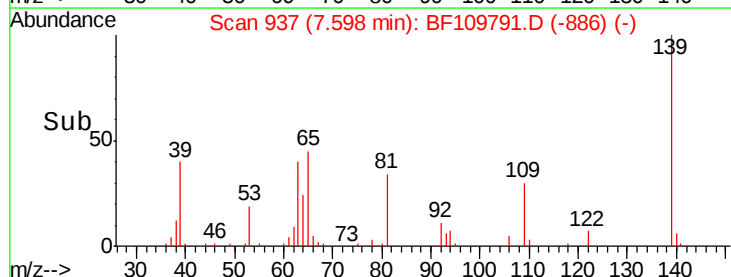
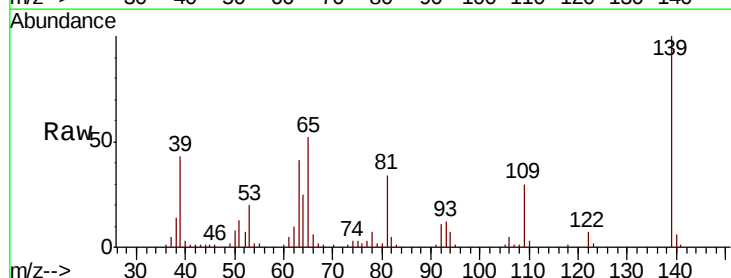
Instrument :
BNA_F
ClientSampleId :

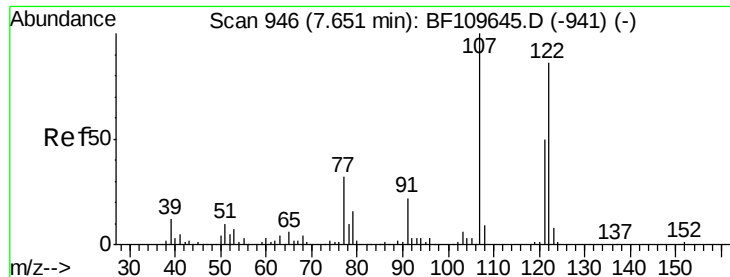
Tot Ion: 82 Resp: 379377
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 17.1 13.2 19.8



#26
2-Nitrophenol
Concen: 32.786 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Tgt Ion: 139 Resp: 97813
Ion Ratio Lower Upper
139 100
109 30.0 25.0 37.6
65 51.6 44.0 66.0

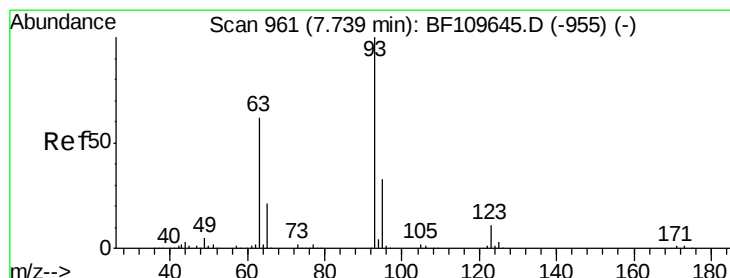
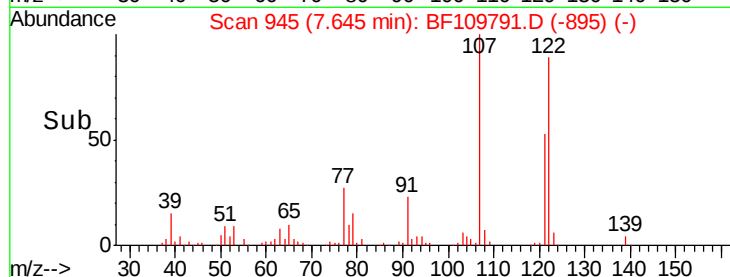
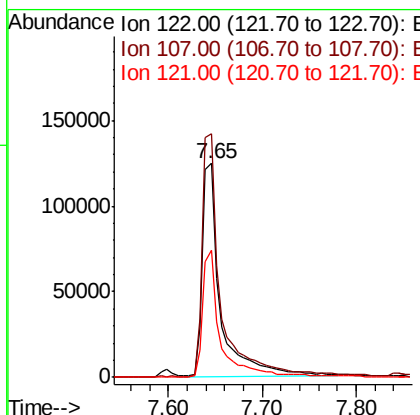
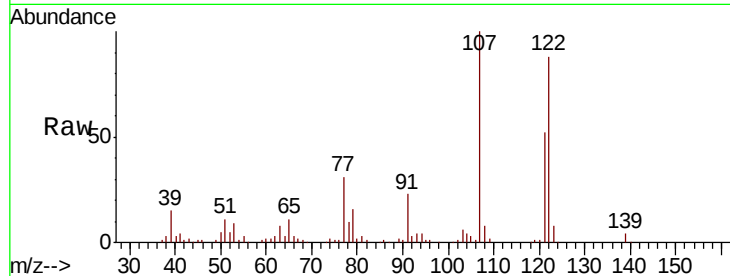




#27
2,4-Dimethylphenol
Concen: 39.095 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

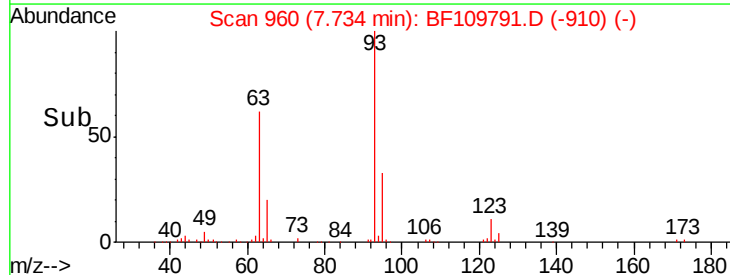
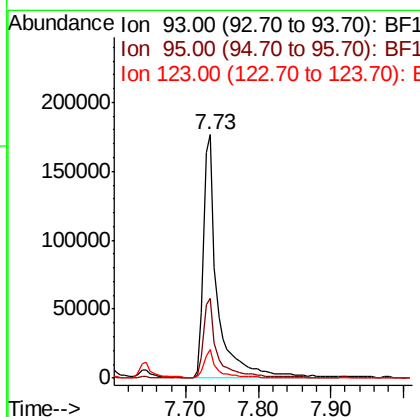
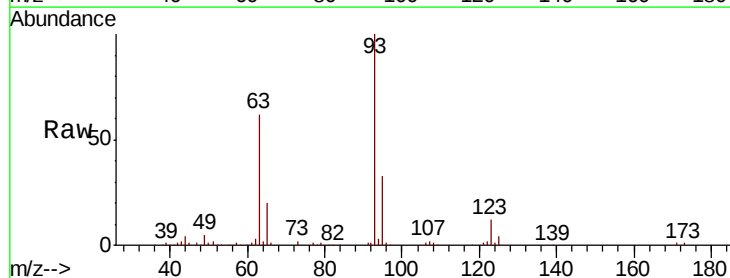
Instrument :
BNA_F
ClientSampleId :

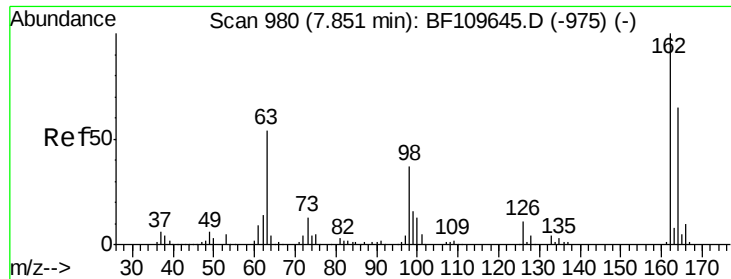
Tot Ion:122 Resp: 168426
Ion Ratio Lower Upper
122 100
107 113.9 92.5 138.7
121 59.6 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 34.372 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Tgt Ion: 93 Resp: 236646
Ion Ratio Lower Upper
93 100
95 32.7 26.4 39.6
123 11.6 9.0 13.6

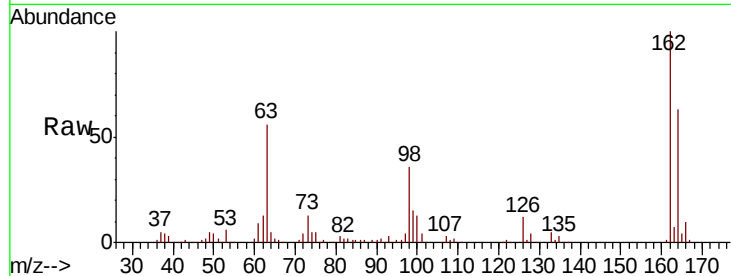




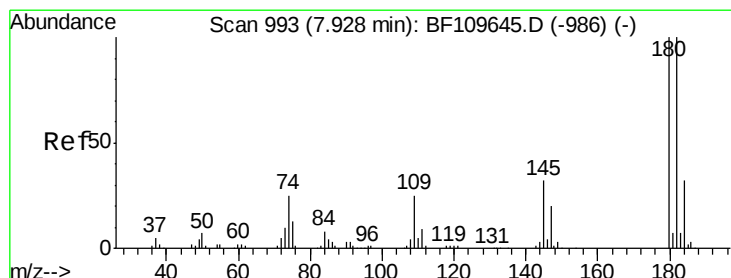
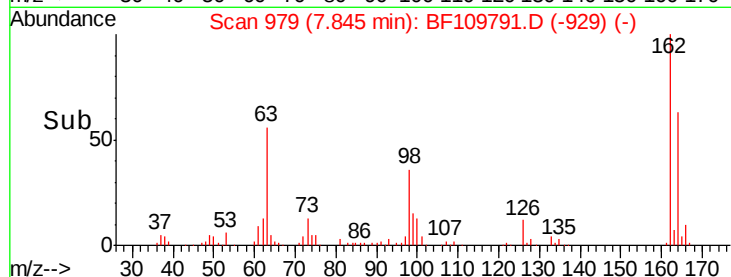
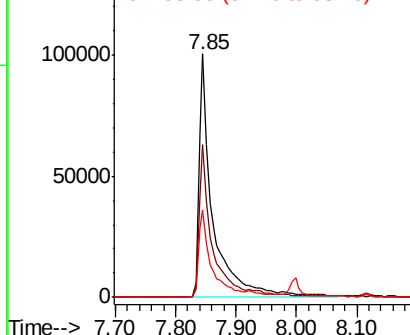
#29
2,4-Dichlorophenol
Concen: 33.743 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	44.6	84.6
98	35.8	17.4	57.4

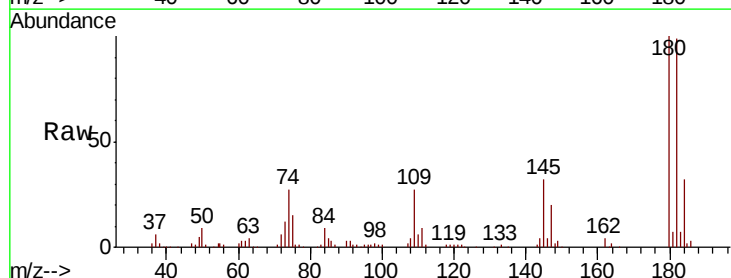


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

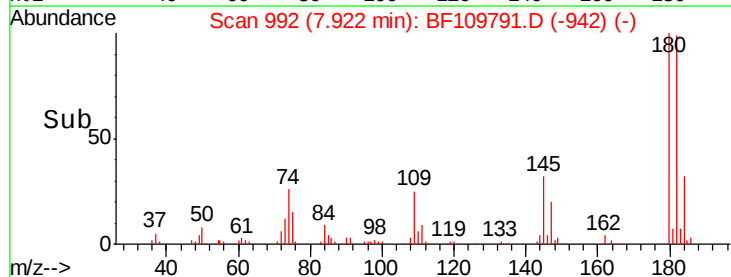
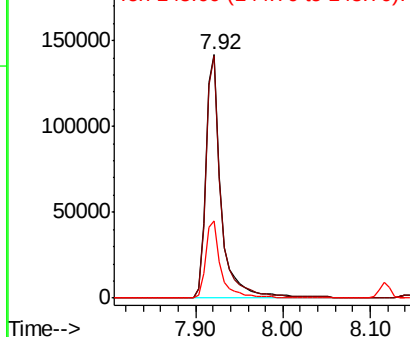


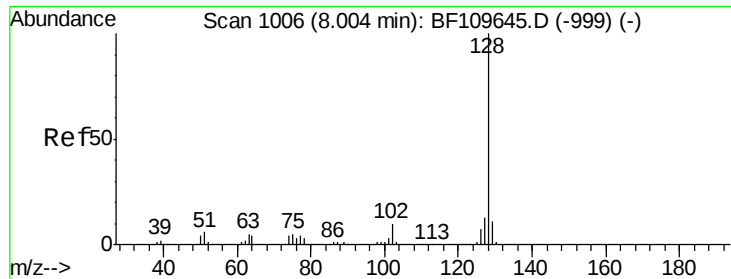
#30
1,2,4-Trichlorobenzene
Concen: 32.235 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.3	80.3	120.5
145	31.9	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

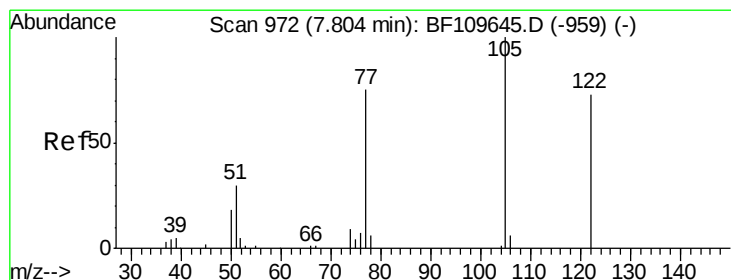
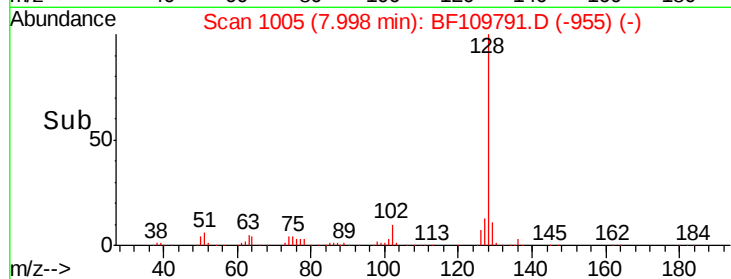
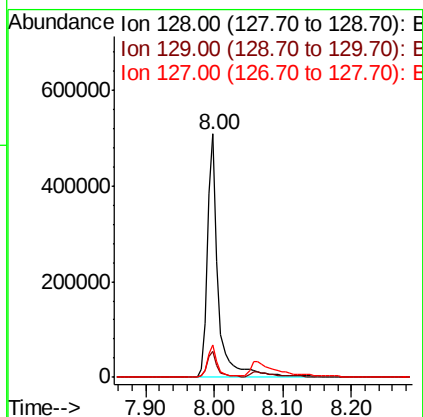
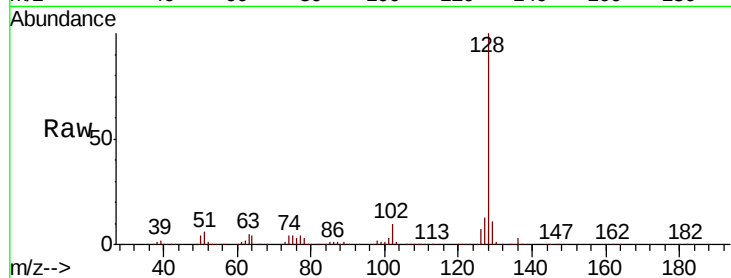




#31
Naphthalene
Concen: 36.756 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

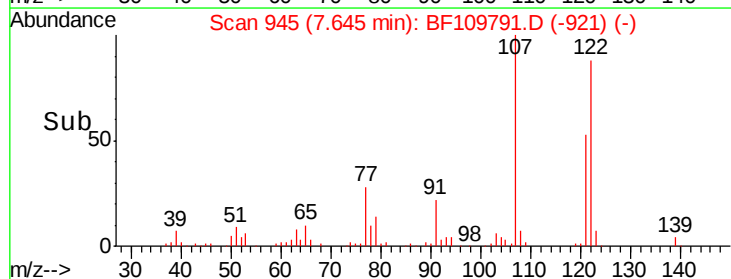
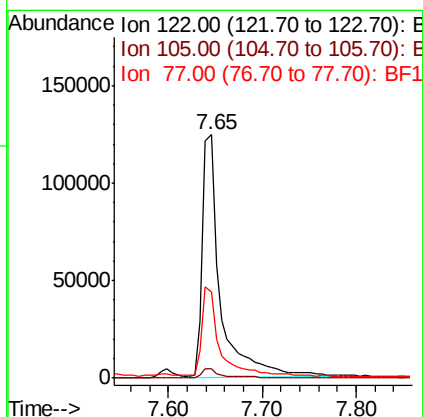
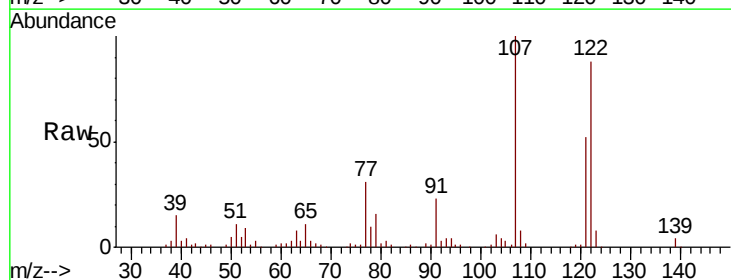
Instrument :
BNA_F
ClientSampleId :

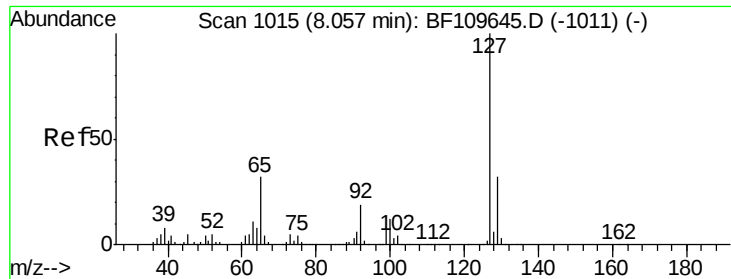
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.1	10.8	16.2



#32
Benzoic acid
Concen: 54.681 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.16 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	3.9	109.0	149.0#
77	35.6	79.0	119.0#

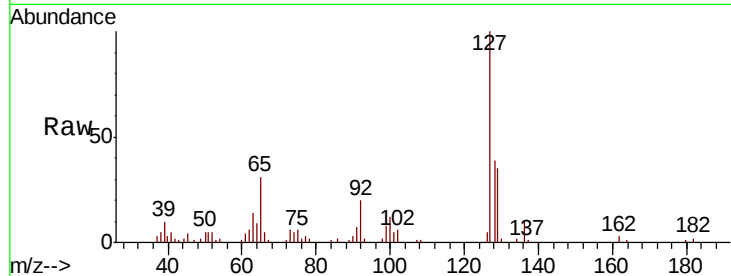




#33
4-Chloroaniline
Concen: 13.404 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	92237	
Ion Ratio	Lower	Upper	
127 100			
129 34.9	26.0	39.0	
65 30.8	25.1	37.7	
92 19.9	15.0	22.6	



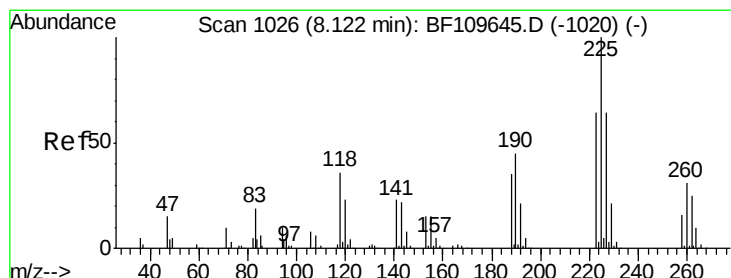
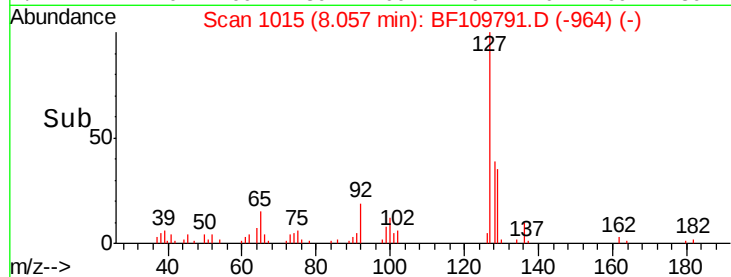
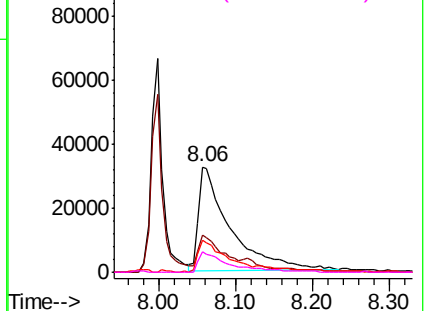
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

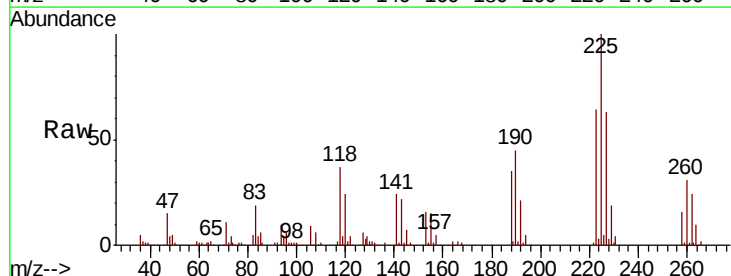
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 31.487 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Tgt	Ion:225	Resp:	104726
Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.4	77.2
227	62.7	51.0	76.6

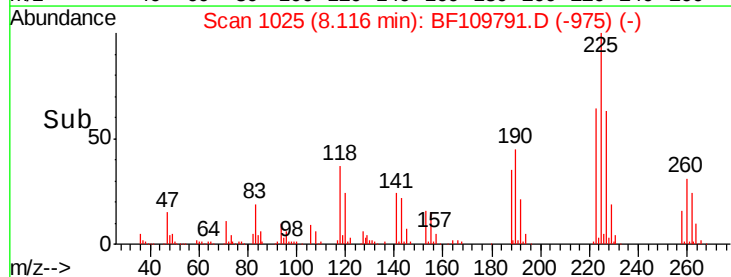
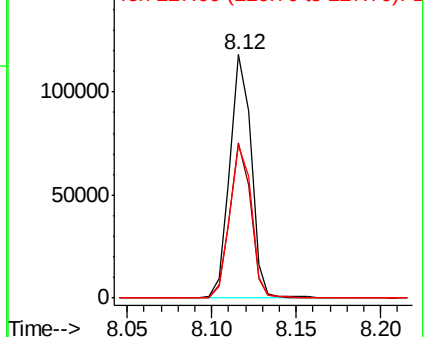


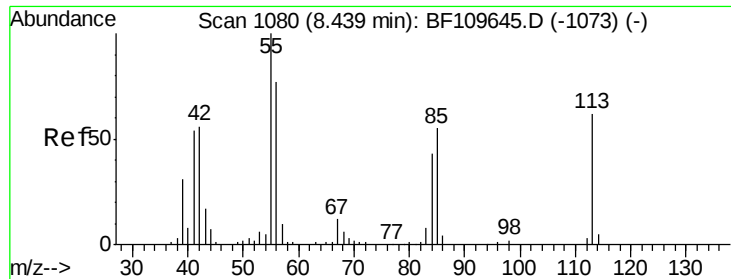
Abundance

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

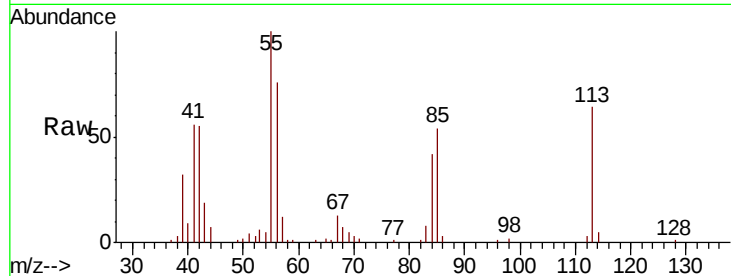




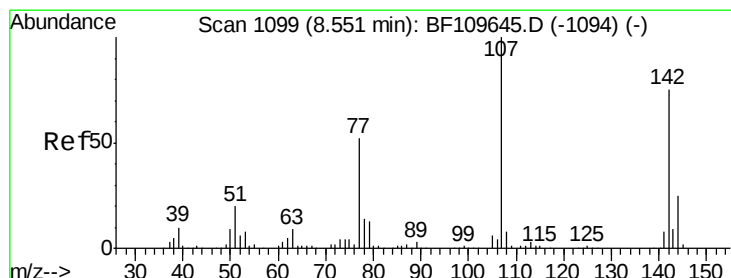
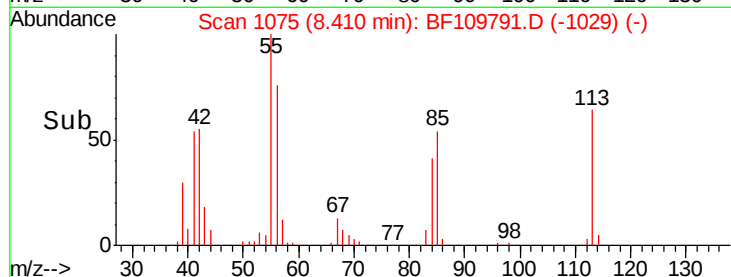
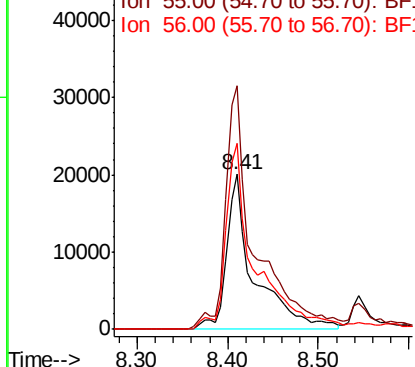
#35
 Caprolactam
 Concen: 29.313 ng
 RT: 8.41 min Scan# 1075
 Delta R.T. -0.03 min
 Lab File: BF109791.D
 Acq: 11 Oct 2018 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 42303
 Ion Ratio Lower Upper
 113 100
 55 157.1 142.8 182.8
 56 119.9 105.0 145.0

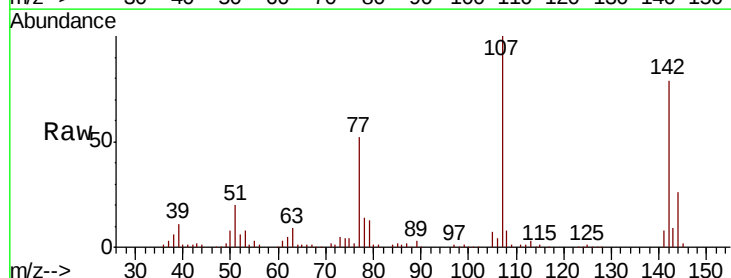


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

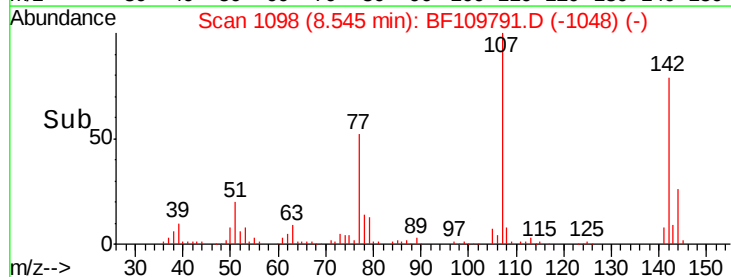
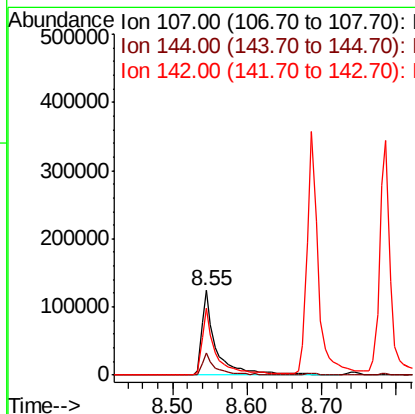


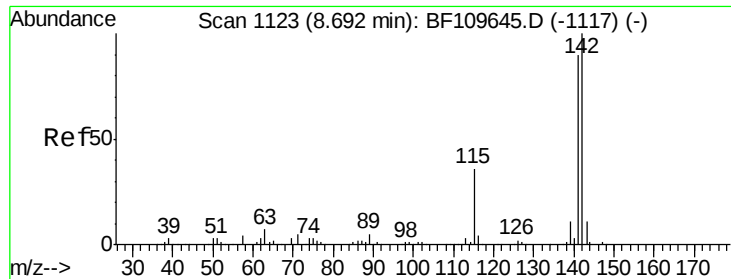
#36
 4-Chloro-3-methylphenol
 Concen: 33.239 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF109791.D
 Acq: 11 Oct 2018 17:15

Tgt Ion:107 Resp: 169551
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.0 30.0
 142 78.7 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

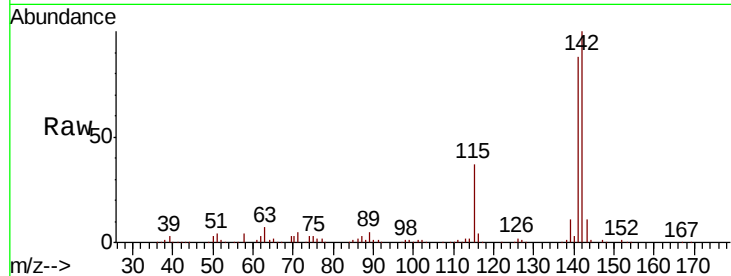




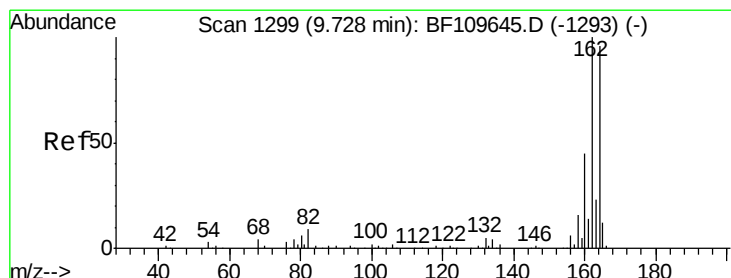
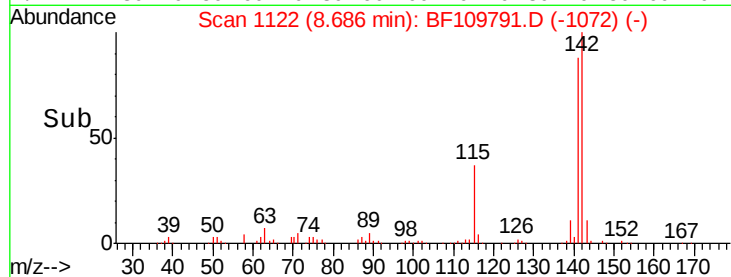
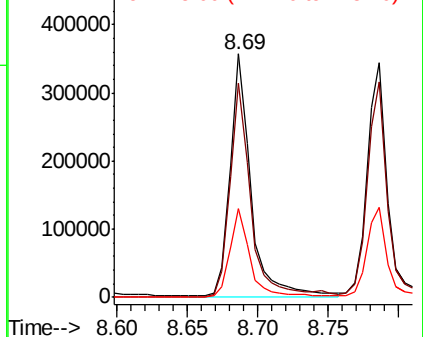
#37
2-Methylnaphthalene
Concen: 36.110 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 369608
Ion Ratio Lower Upper
142 100
141 88.0 71.4 107.2
115 36.7 28.7 43.1

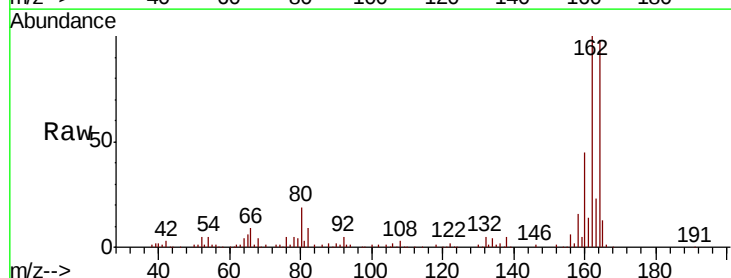


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

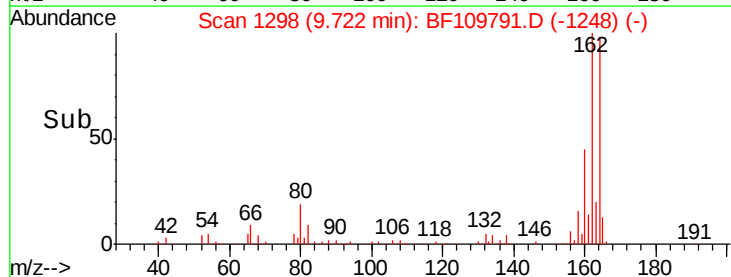
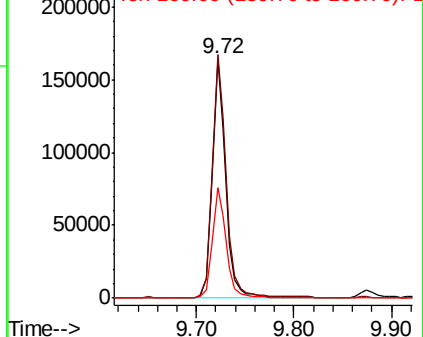


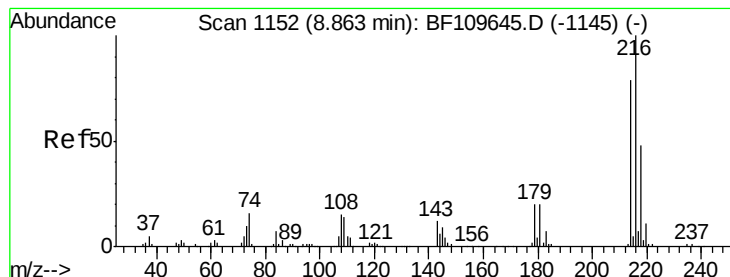
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Tgt Ion:164 Resp: 156944
Ion Ratio Lower Upper
164 100
162 102.1 83.0 124.6
160 46.3 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.699 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF109791.D

Acq: 11 Oct 2018 17:15

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 174692

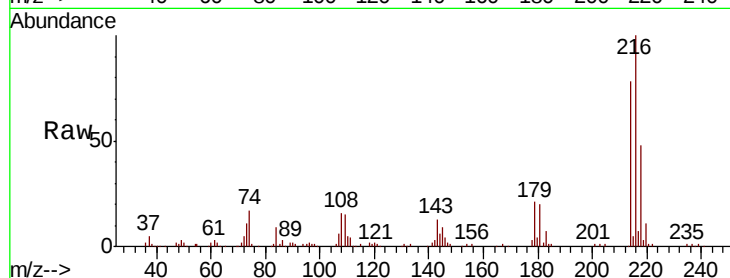
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.6

179 20.9 16.6 25.0

108 20.0 15.1 22.7

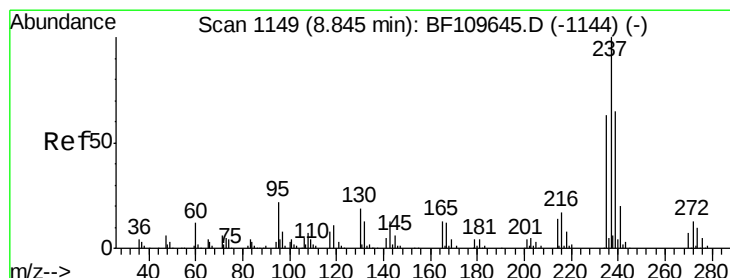
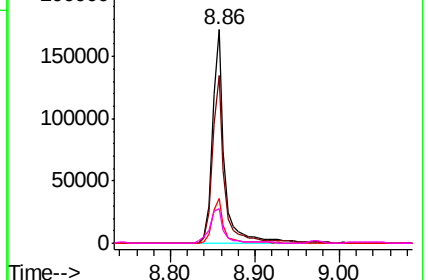
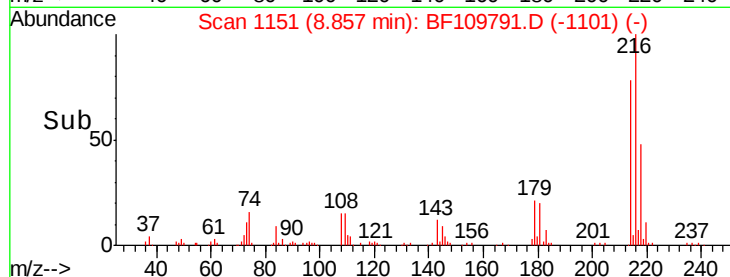


Abundance Ion 216.00 (215.70 to 216.70): E

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: 50.378 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF109791.D

Acq: 11 Oct 2018 17:15

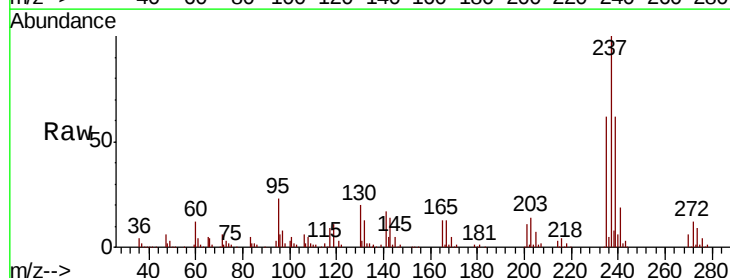
Tgt Ion:237 Resp: 110990

Ion Ratio Lower Upper

237 100

235 61.6 43.1 83.1

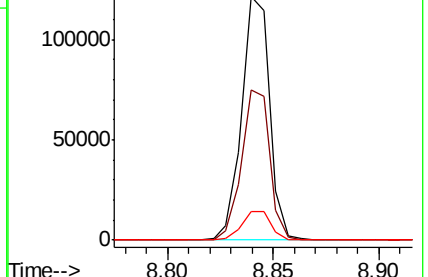
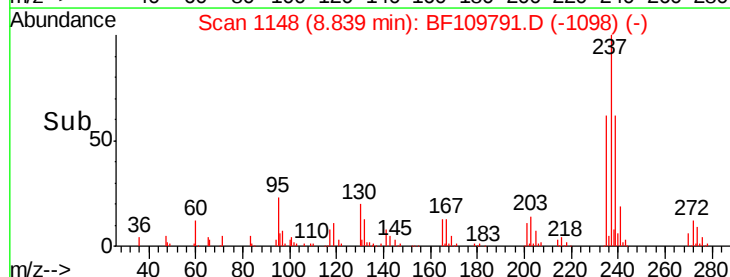
272 11.8 0.0 32.6

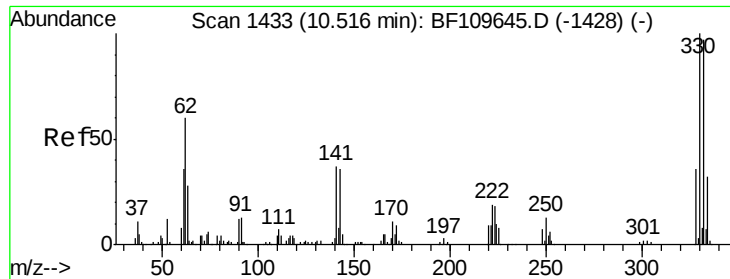


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

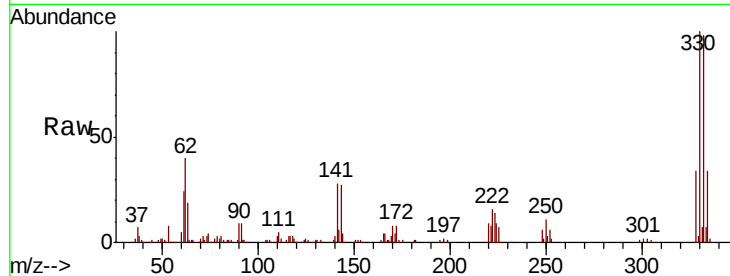




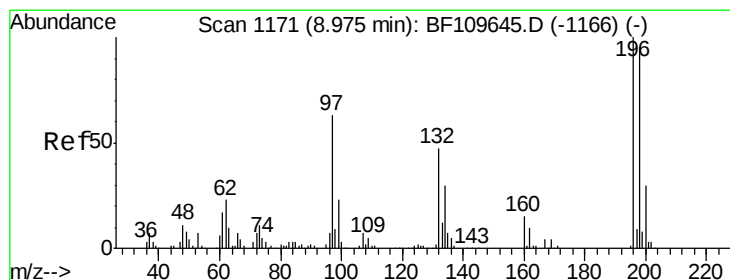
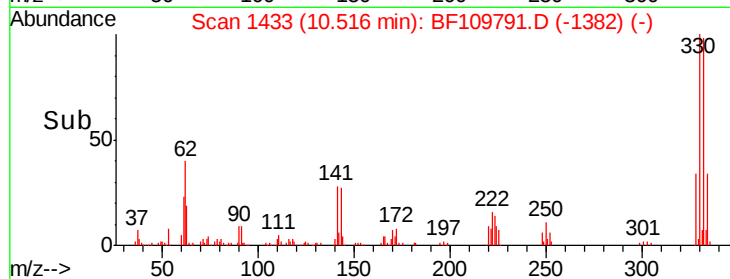
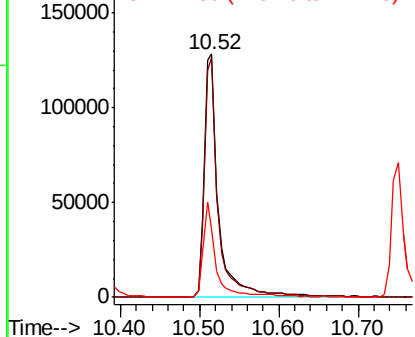
#41
 2,4,6-Tribromophenol
 Concen: 95.777 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF109791.D
 Acq: 11 Oct 2018 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 163785
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.1 115.7
 141 33.4 27.0 40.4

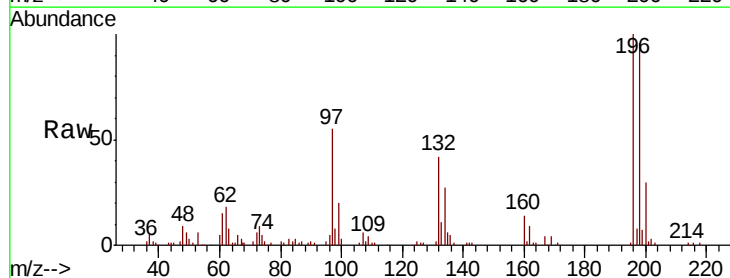


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

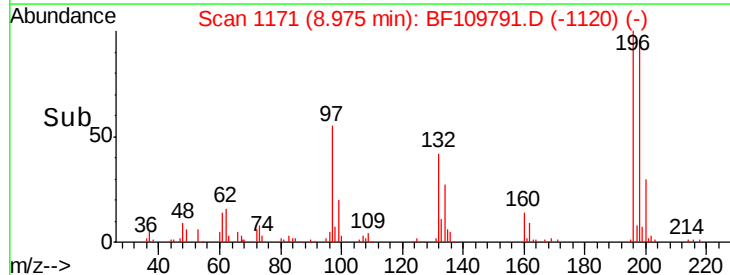
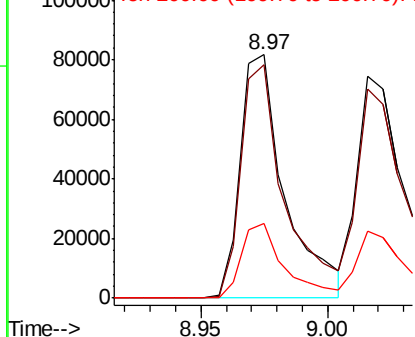


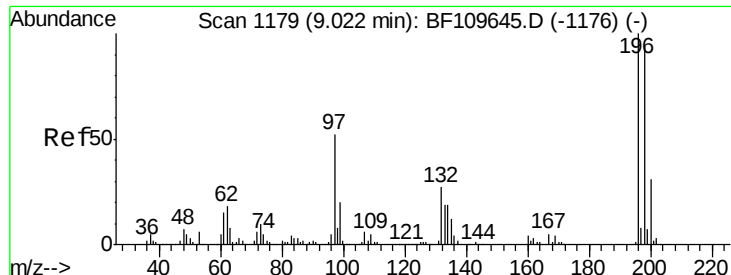
#42
 2,4,6-Trichlorophenol
 Concen: 31.316 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF109791.D
 Acq: 11 Oct 2018 17:15

Tgt Ion:196 Resp: 100012
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.2 114.4
 200 30.5 24.4 36.6



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

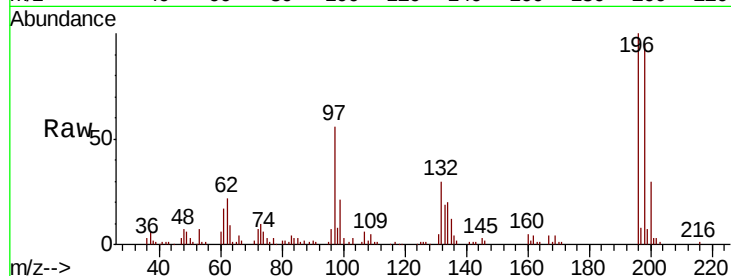




#43
2,4,5-Trichlorophenol
Concen: 32.607 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.8	113.6
97	56.0	42.4	63.6
132	29.8	22.8	34.2



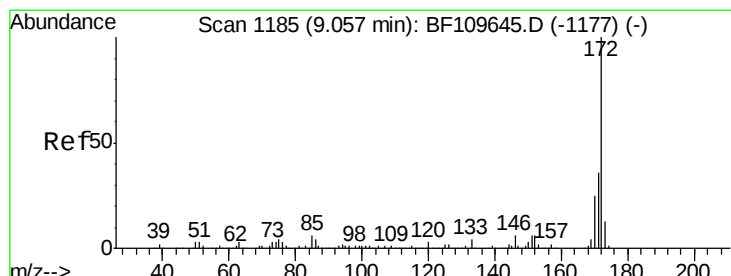
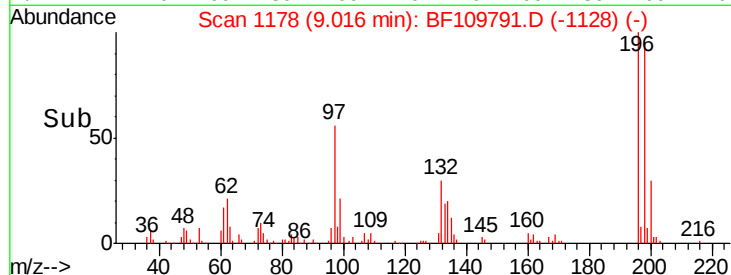
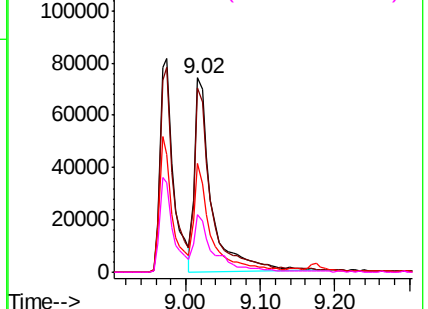
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

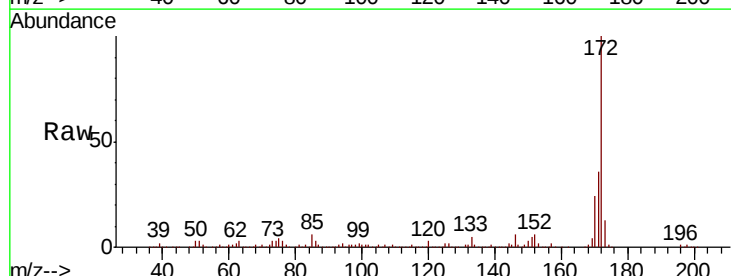
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 69.293 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.2	19.7	29.5

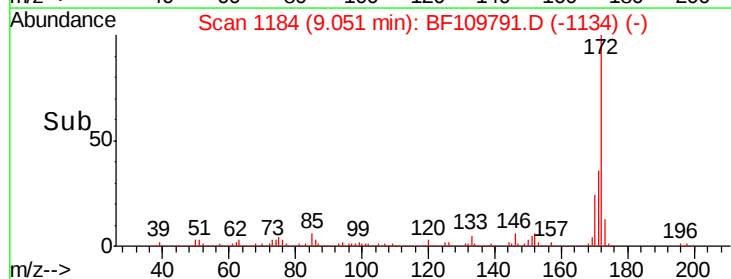
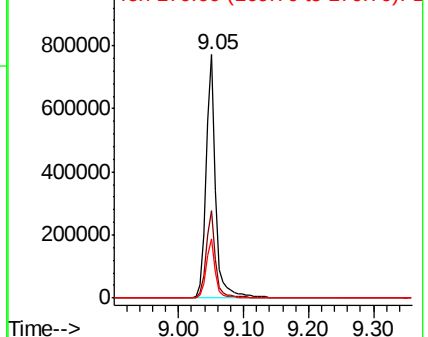


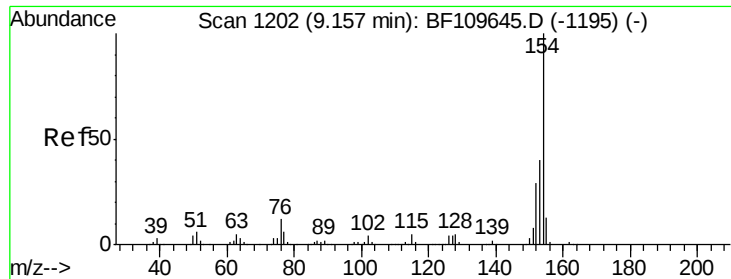
Abundance

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

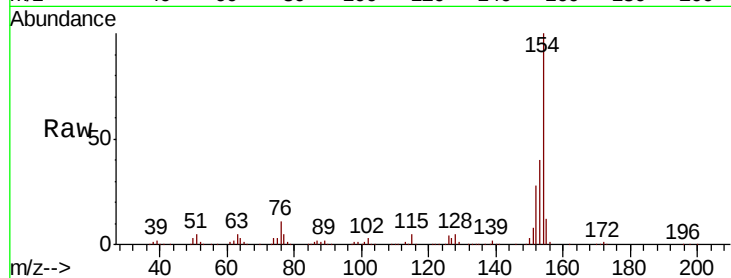




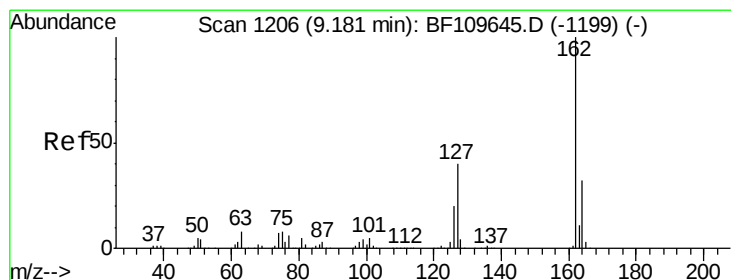
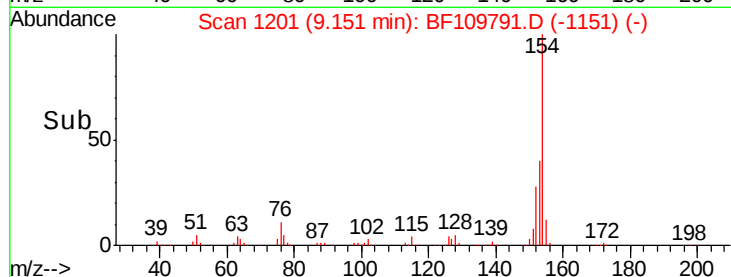
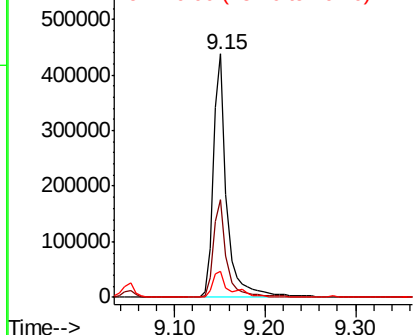
#45
 1,1'-Biphenyl
 Concen: 32.418 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF109791.D
 Acq: 11 Oct 2018 17:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 454522
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.4 60.4
 76 10.7 0.0 31.9

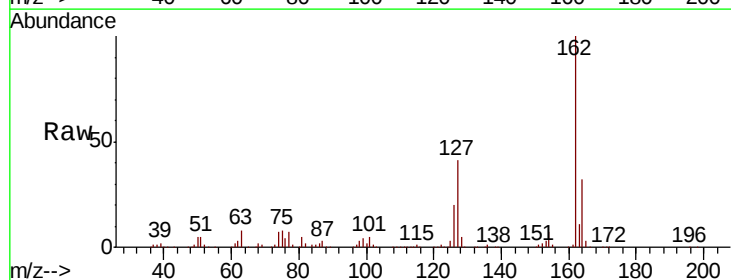


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

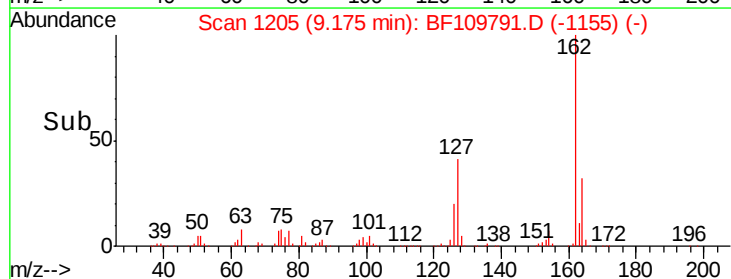
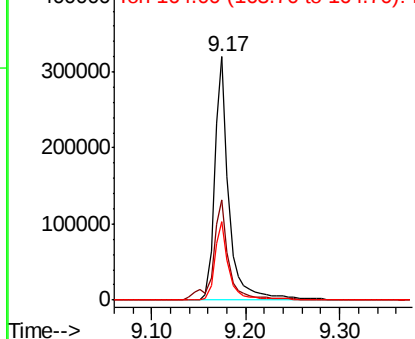


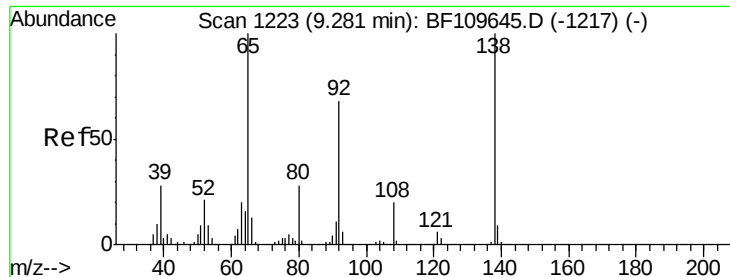
#46
 2-Chloronaphthalene
 Concen: 32.644 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF109791.D
 Acq: 11 Oct 2018 17:15

Tgt Ion:162 Resp: 342901
 Ion Ratio Lower Upper
 162 100
 127 41.1 32.6 48.8
 164 32.2 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

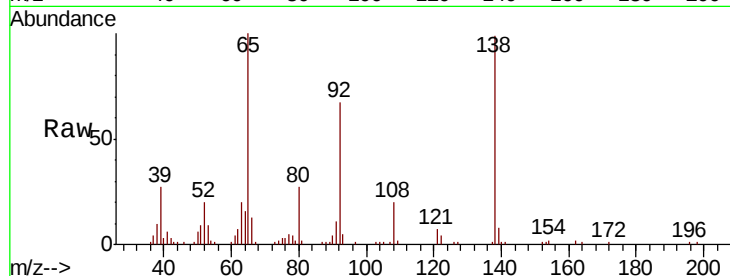




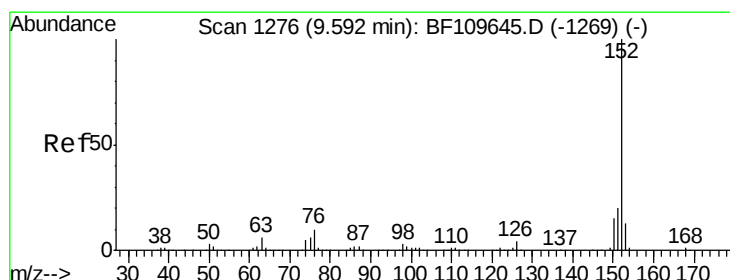
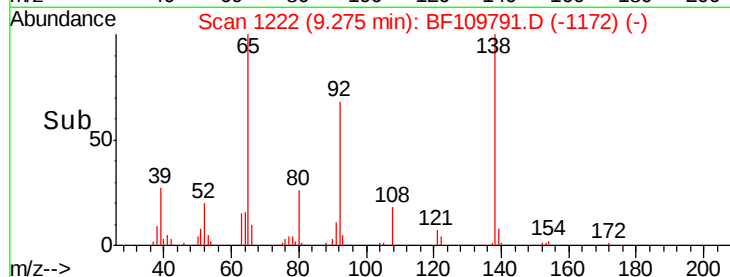
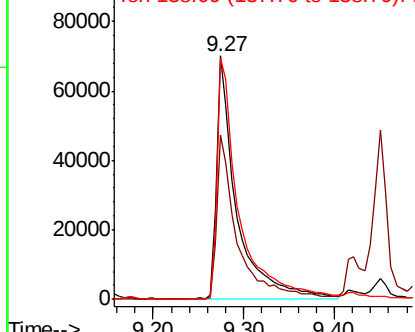
#47
2-Nitroaniline
Concen: 33.738 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 107307
Ion Ratio Lower Upper
65 100
92 67.2 54.6 81.8
138 99.2 80.3 120.5

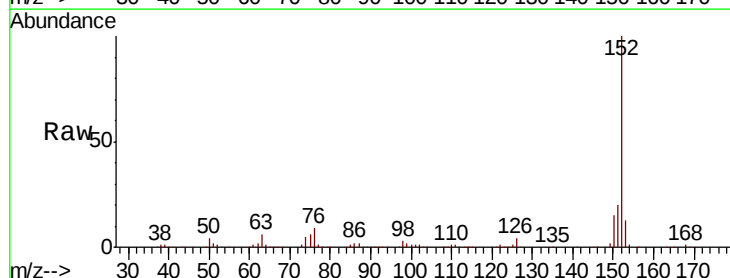


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

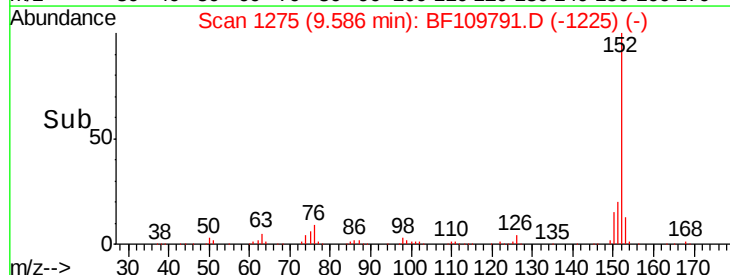
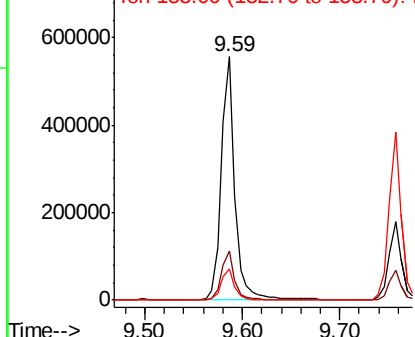


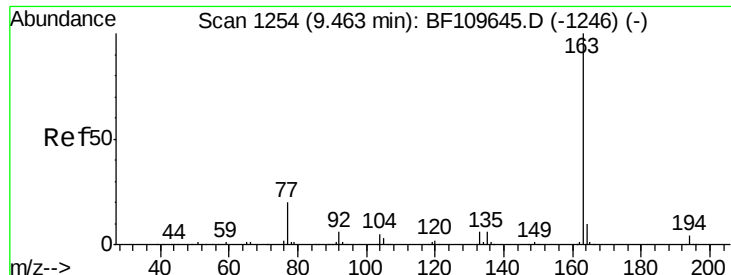
#48
Acenaphthylene
Concen: 35.283 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Tgt Ion: 152 Resp: 540304
Ion Ratio Lower Upper
152 100
151 20.4 15.8 23.8
153 13.0 10.4 15.6



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

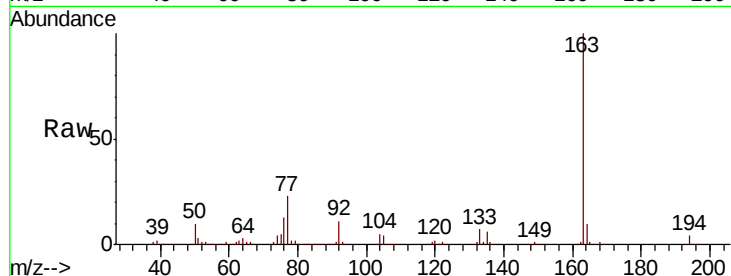




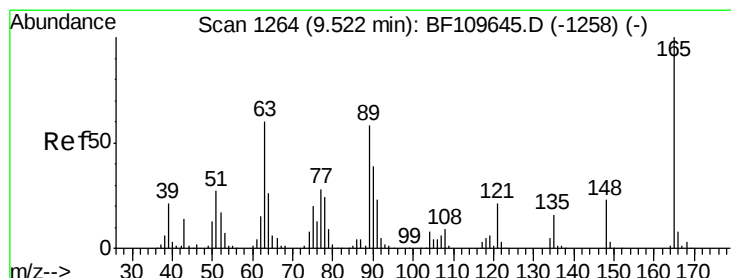
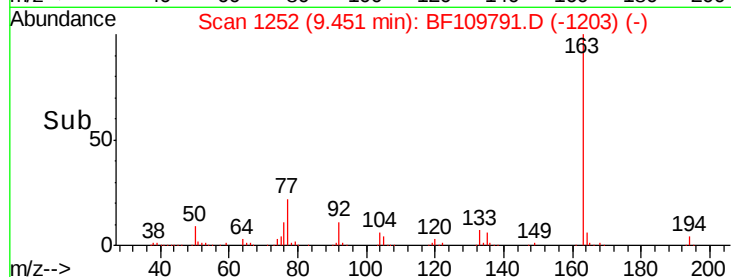
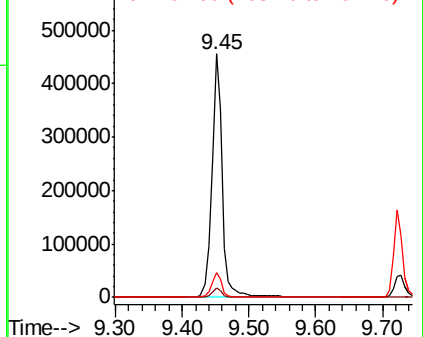
#49
Dimethylphthalate
Concen: 43.313 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 498553
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.3 8.1 12.1

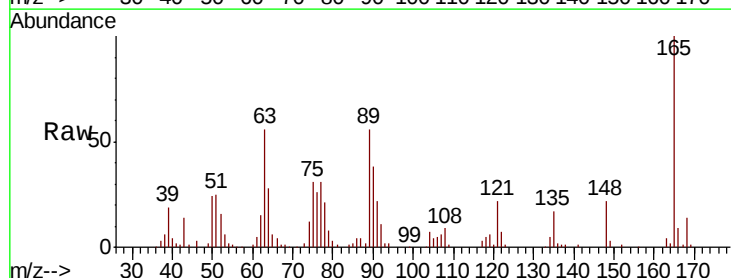


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

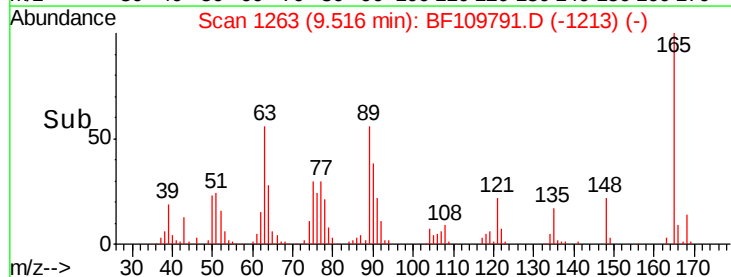
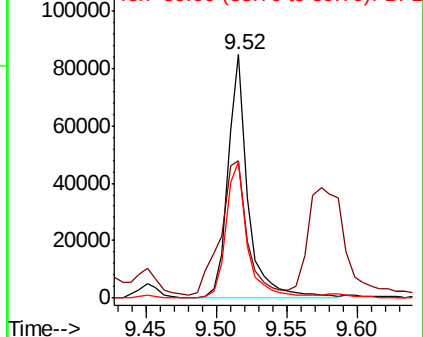


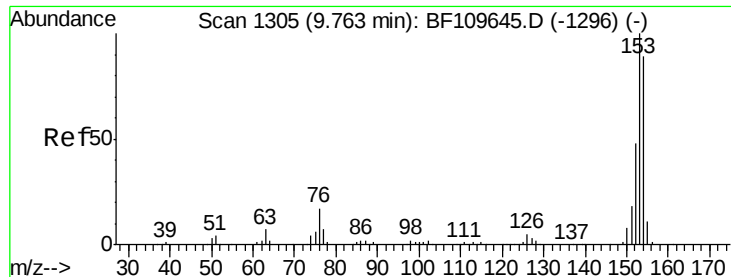
#50
2,6-Dinitrotoluene
Concen: 33.555 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Tgt Ion:165 Resp: 83723
Ion Ratio Lower Upper
165 100
63 56.5 48.9 73.3
89 56.0 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: 34.700 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF109791.D

Acq: 11 Oct 2018 17:15

Instrument :

BNA_F

ClientSampleId :

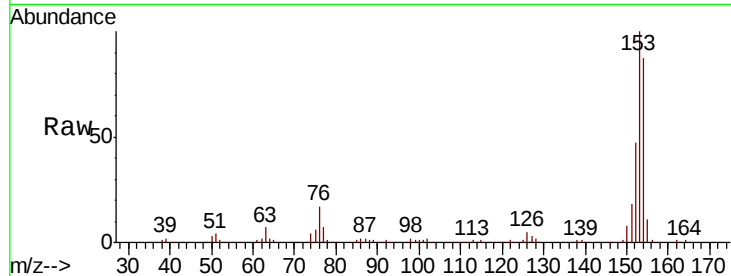
Tot Ion:154 Resp: 315003

Ion Ratio Lower Upper

154 100

153 114.8 90.1 135.1

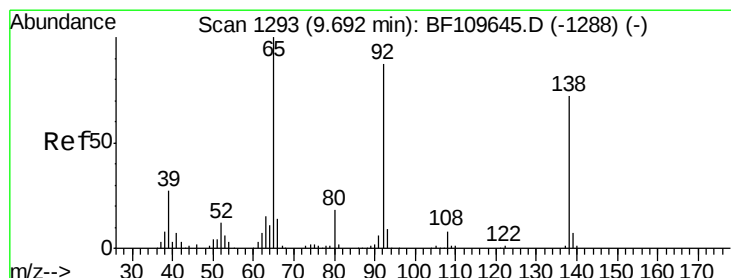
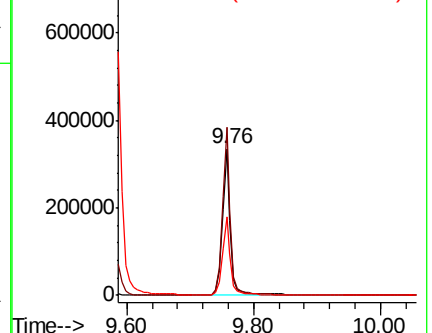
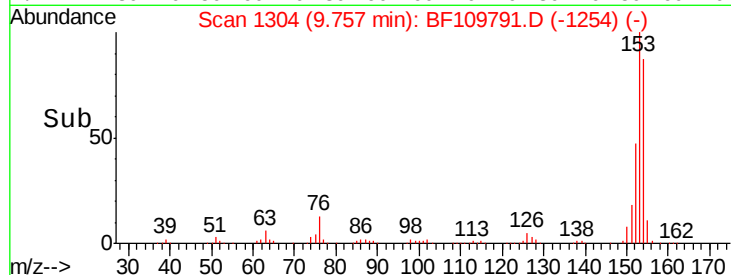
152 54.0 43.4 65.2



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: 25.044 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF109791.D

Acq: 11 Oct 2018 17:15

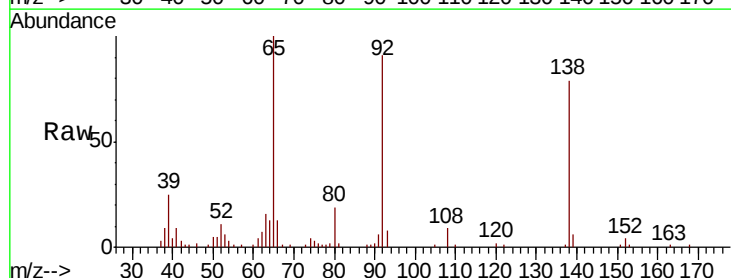
Tgt Ion:138 Resp: 70045

Ion Ratio Lower Upper

138 100

108 11.0 8.7 13.1

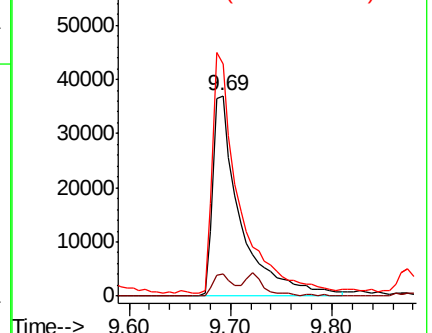
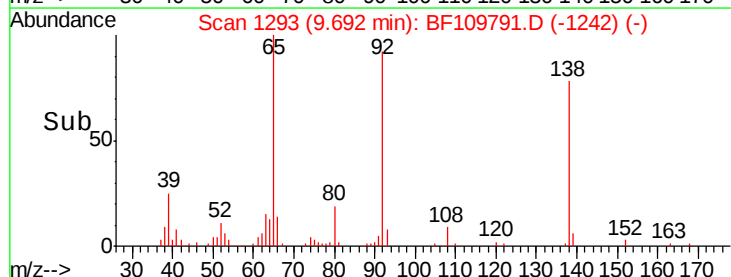
92 115.5 97.0 145.4

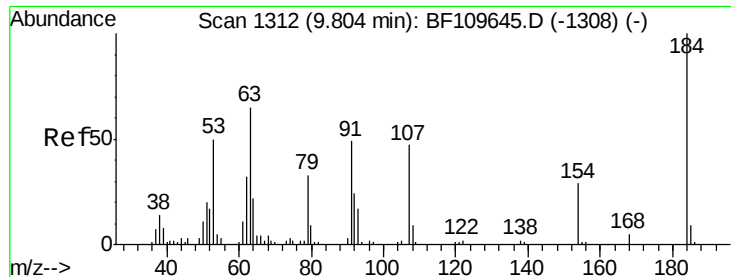


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

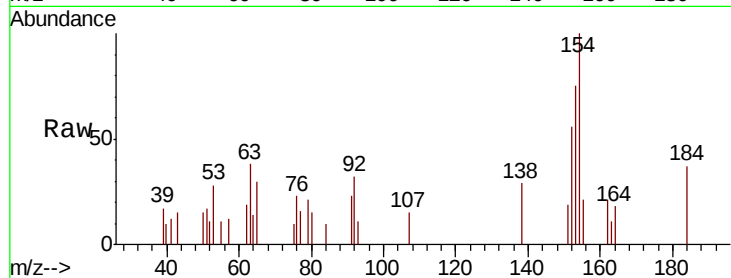




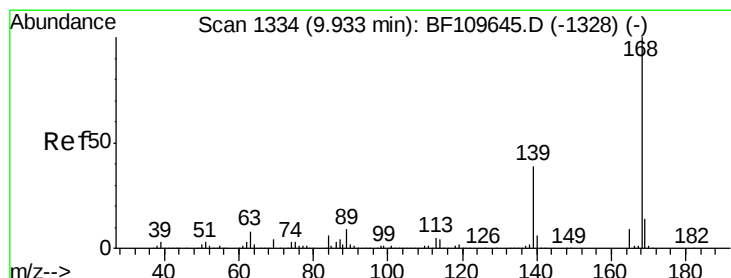
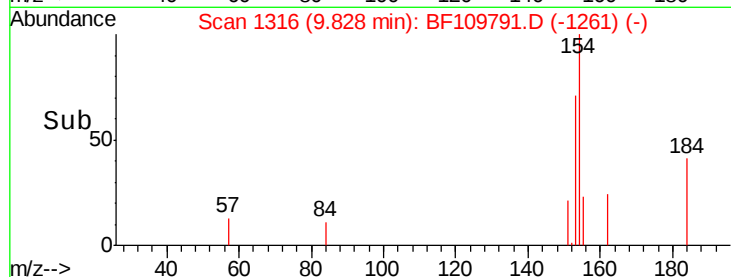
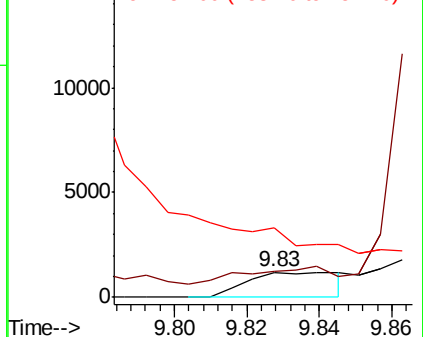
#53
2,4-Dinitrophenol
Concen: 2.630 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.02 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 2117
Ion Ratio Lower Upper
184 100
63 102.8 55.8 83.6#
154 273.8 63.2 94.8#

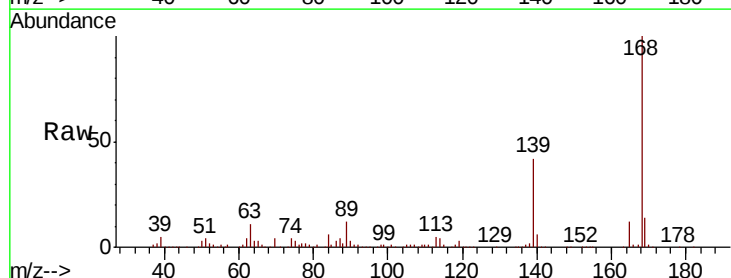


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

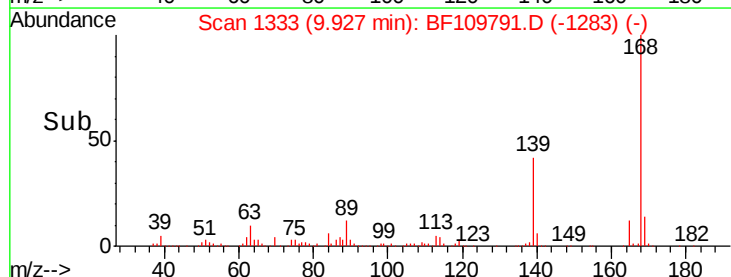
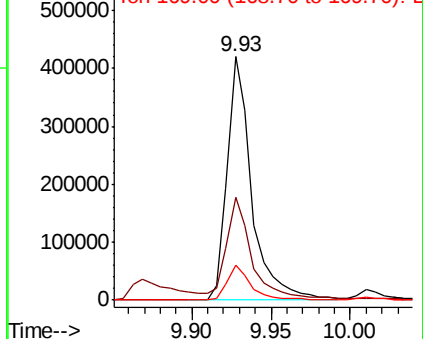


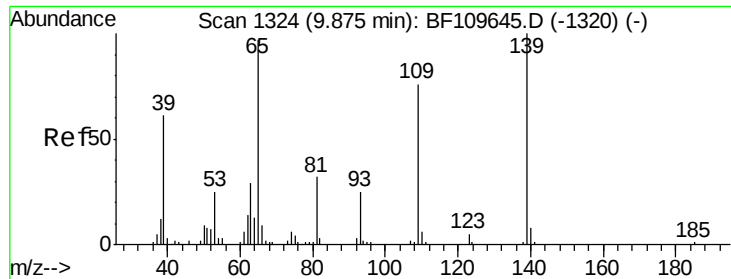
#54
Dibenzofuran
Concen: 33.235 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Tgt Ion:168 Resp: 452251
Ion Ratio Lower Upper
168 100
139 42.1 33.0 49.6
169 14.2 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

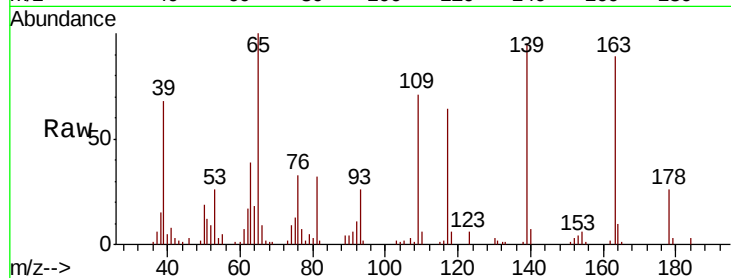




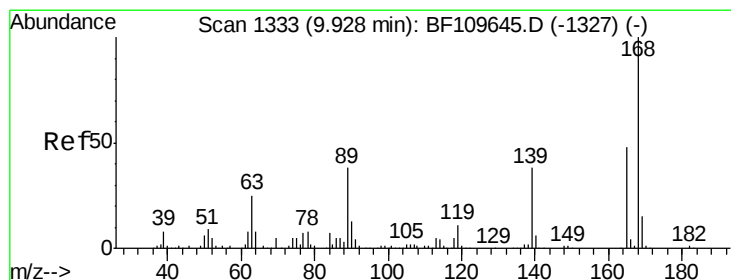
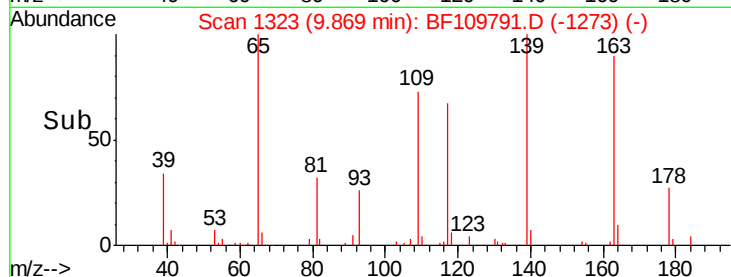
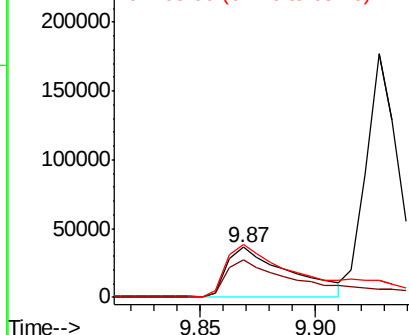
#55
4-Nitrophenol
Concen: 45.001 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 68892
Ion Ratio Lower Upper
139 100
109 74.3 55.8 95.8
65 105.3 77.9 117.9



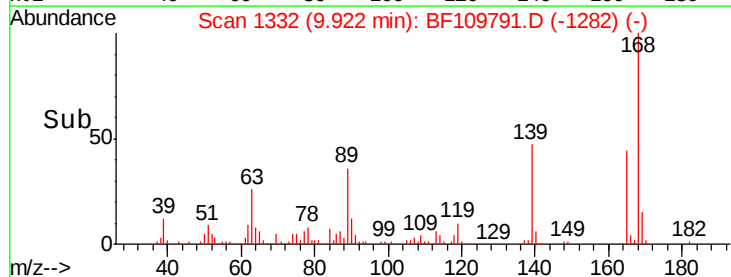
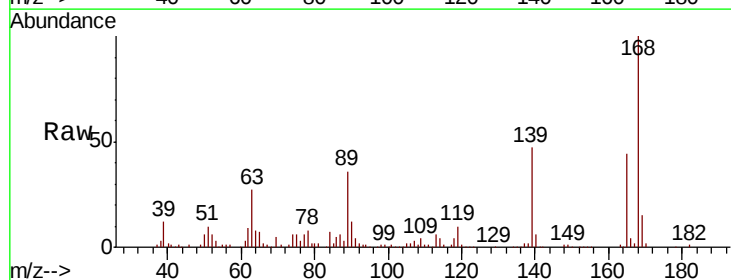
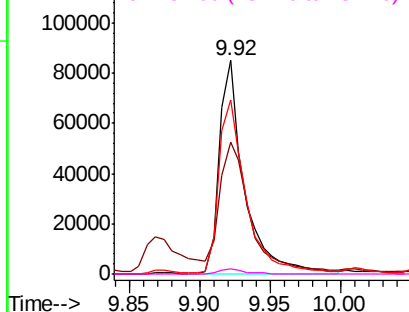
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

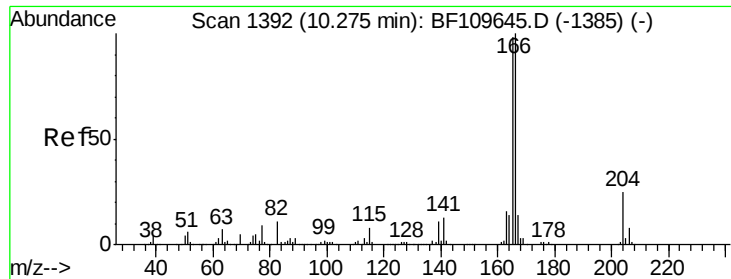


#56
2,4-Dinitrotoluene
Concen: 33.768 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Tgt Ion:165 Resp: 105144
Ion Ratio Lower Upper
165 100
63 61.6 44.8 67.2
89 81.6 62.2 93.4
182 2.7 2.1 3.1

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): BF1

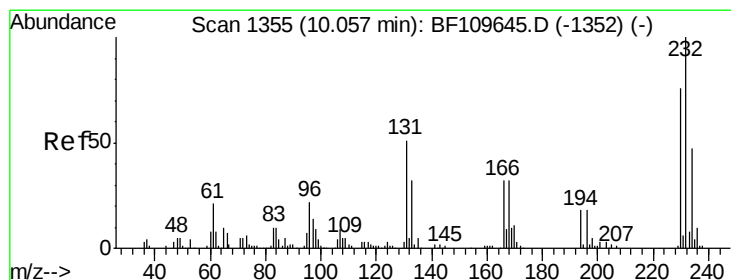
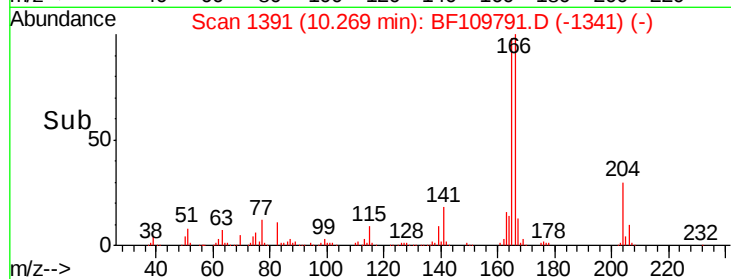
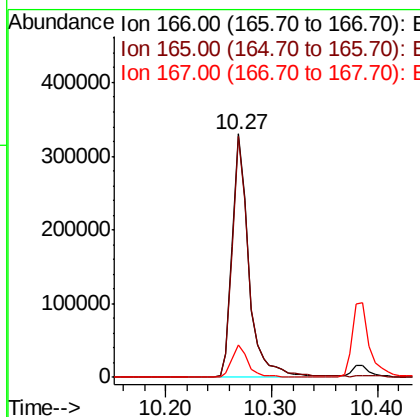
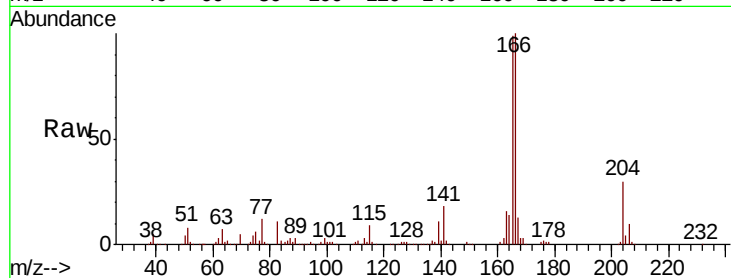




#57
 Fluorene
 Concen: 35.311 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF109791.D
 Acq: 11 Oct 2018 17:15

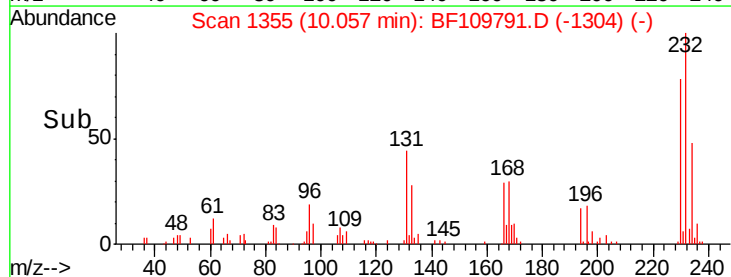
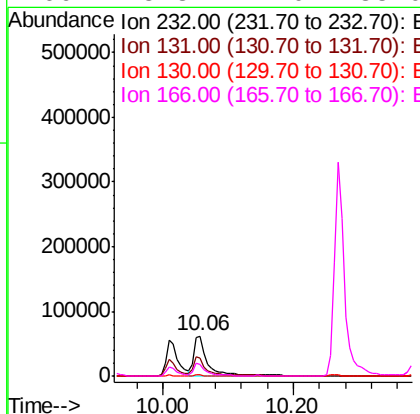
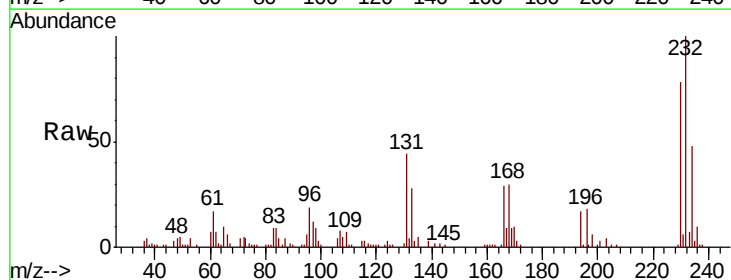
Instrument :
 BNA_F
 ClientSampleId :

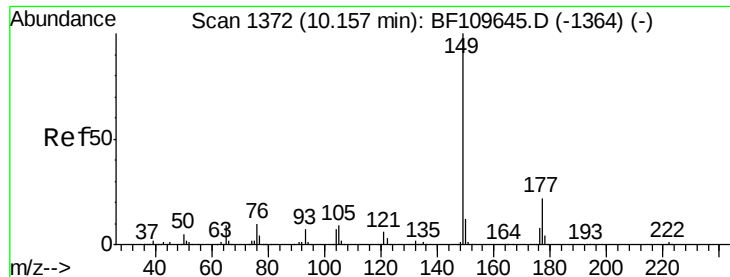
Tot Ion:166 Resp: 358821
 Ion Ratio Lower Upper
 166 100
 165 99.0 78.6 117.8
 167 13.3 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 30.694 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: BF109791.D
 Acq: 11 Oct 2018 17:15

Tgt Ion:232 Resp: 91620
 Ion Ratio Lower Upper
 232 100
 131 42.4 37.0 55.4
 130 1.9 1.8 2.6
 166 25.3 22.0 33.0

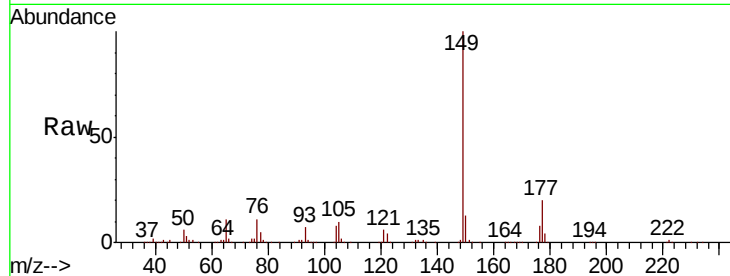




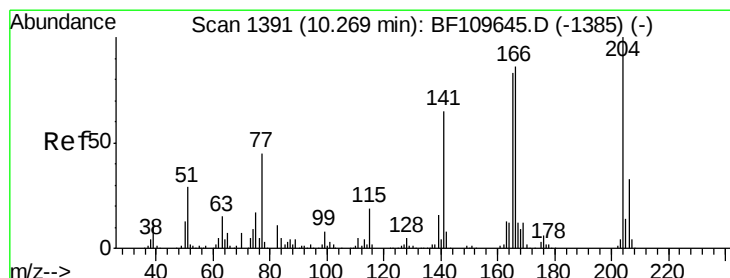
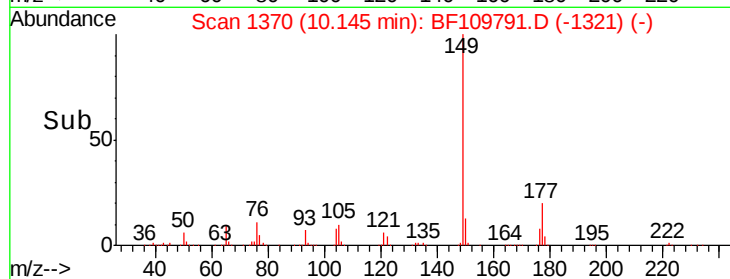
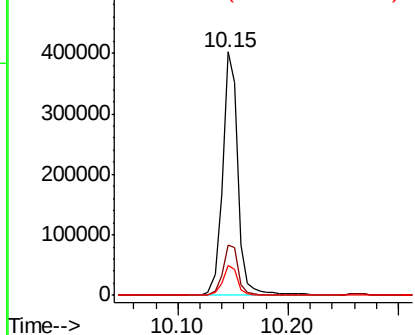
#59
Diethylphthalate
Concen: 34.363 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 391901
Ion Ratio Lower Upper
149 100
177 20.4 17.4 26.2
150 12.5 9.8 14.8

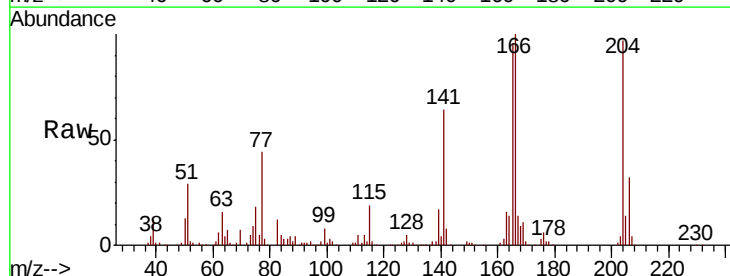


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

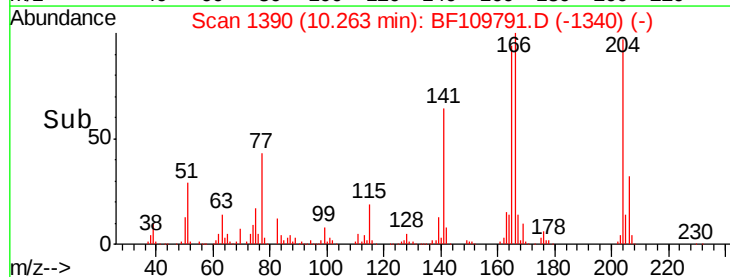
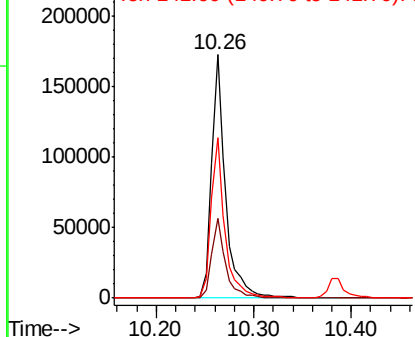


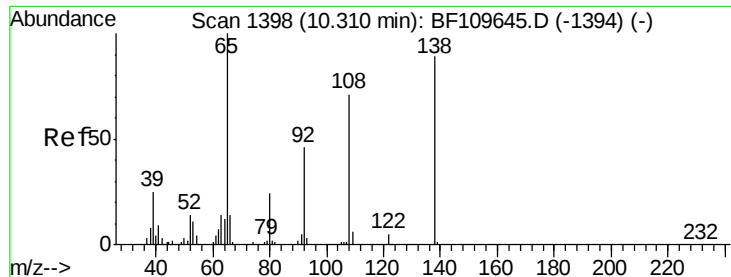
#60
4-Chlorophenyl-phenylether
Concen: 31.957 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Tgt Ion:204 Resp: 171323
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 65.8 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

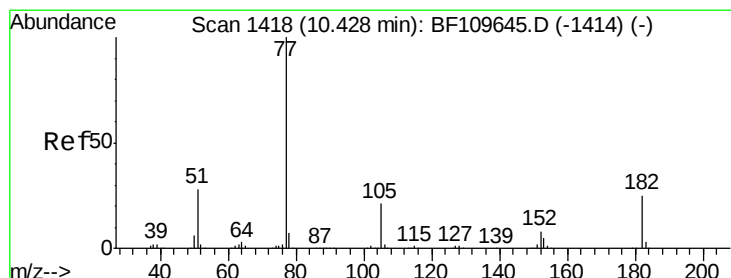
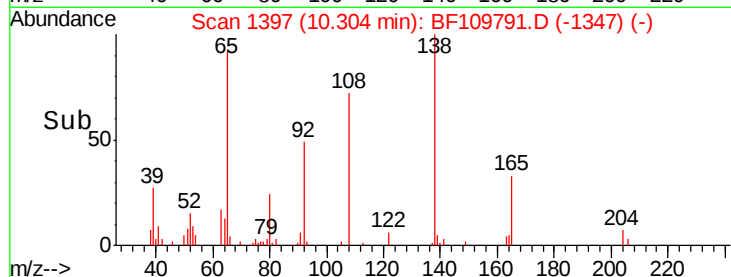
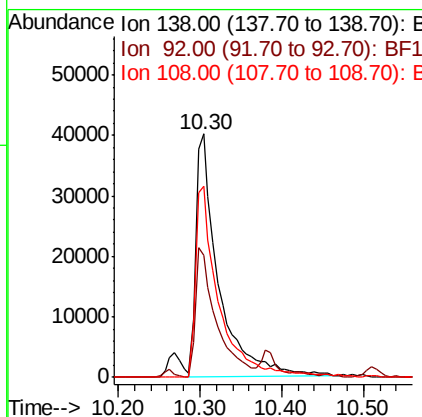
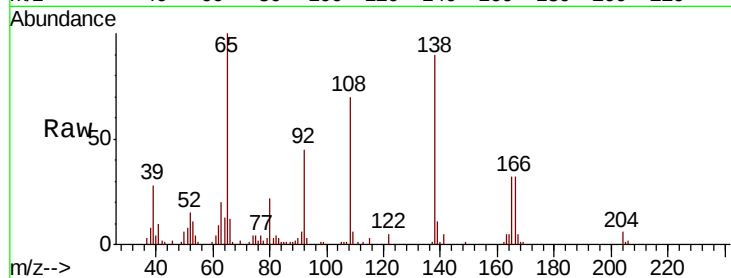




#61
4-Nitroaniline
Concen: 29.689 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

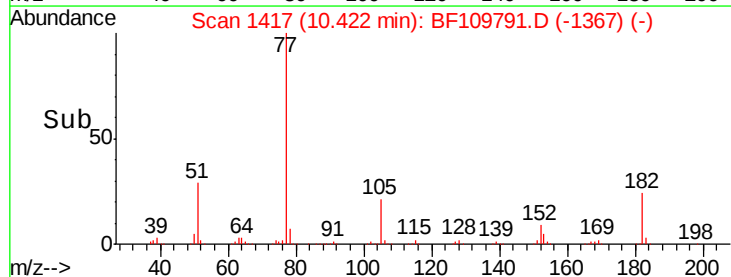
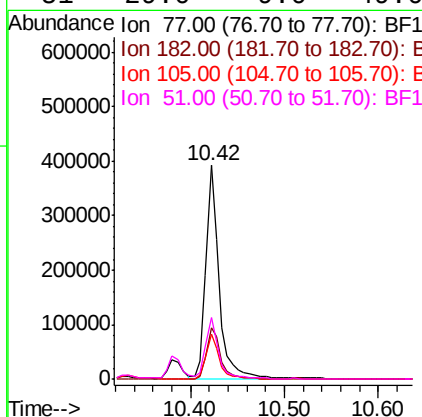
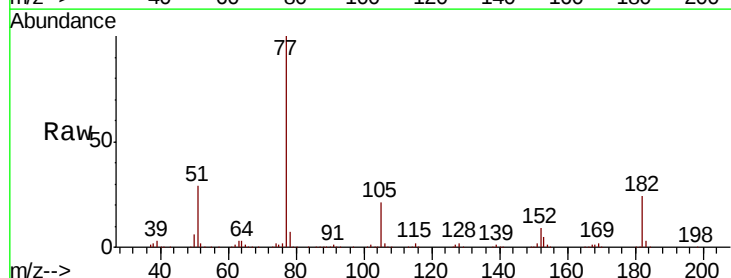
Instrument :
BNA_F
ClientSampleId :

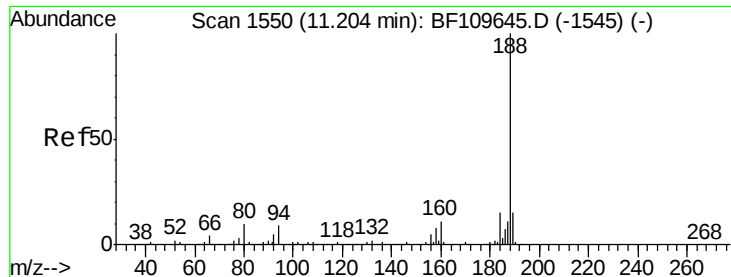
Tot Ion:138 Resp: 76900
Ion Ratio Lower Upper
138 100
92 50.1 31.7 71.7
108 78.5 59.3 99.3



#62
Azobenzene
Concen: 33.359 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Tgt Ion: 77 Resp: 386336
Ion Ratio Lower Upper
77 100
182 24.0 4.3 44.3
105 21.3 1.3 41.3
51 29.0 9.0 49.0

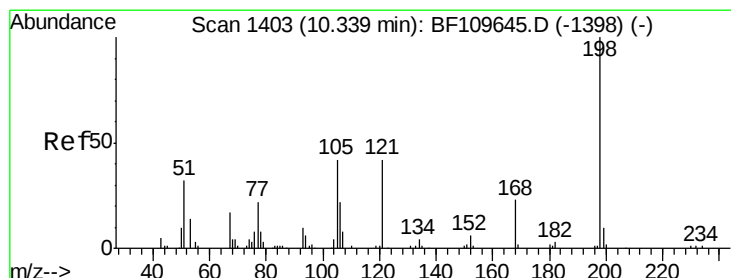
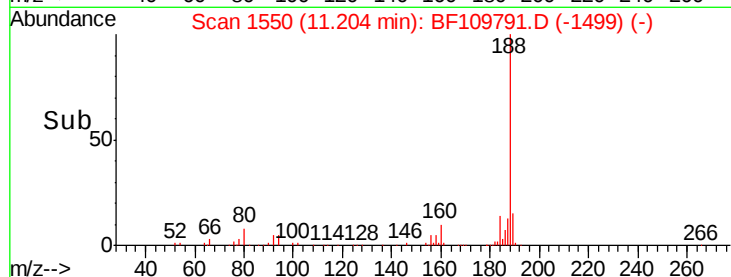
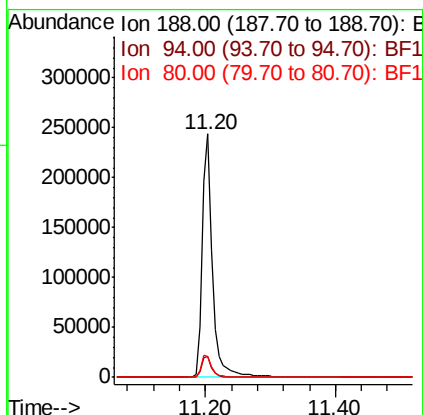
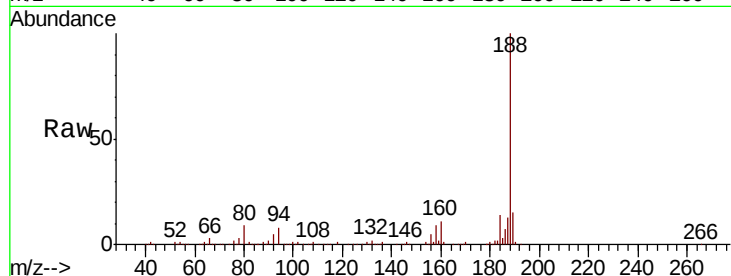




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

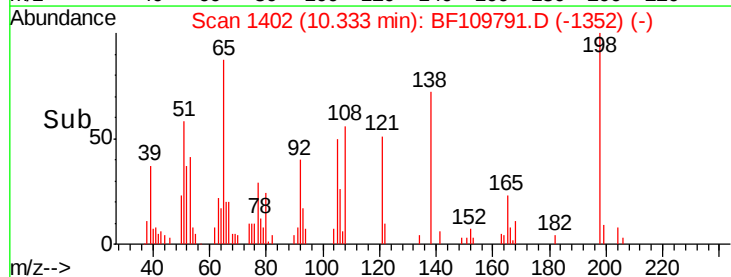
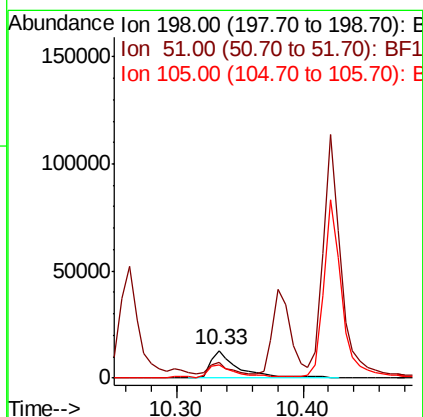
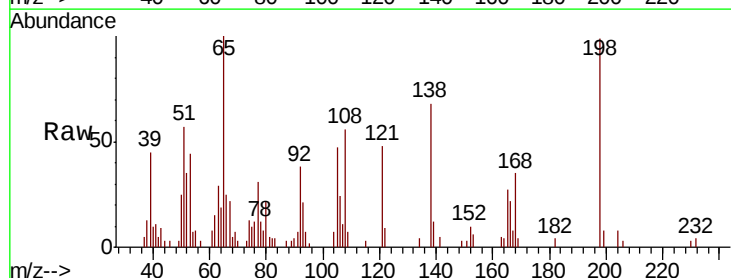
Instrument :
BNA_F
ClientSampleId :

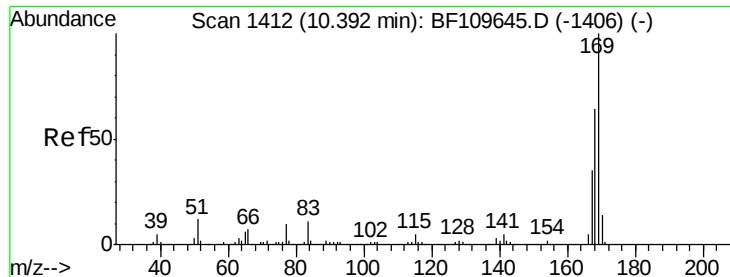
Tot Ion:188 Resp: 264881
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 8.8 7.9 11.9



#64
4,6-Dinitro-2-methylphenol
Concen: 15.334 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Tgt Ion:198 Resp: 19769
Ion Ratio Lower Upper
198 100
51 58.3 22.8 62.8
105 47.9 23.6 63.6

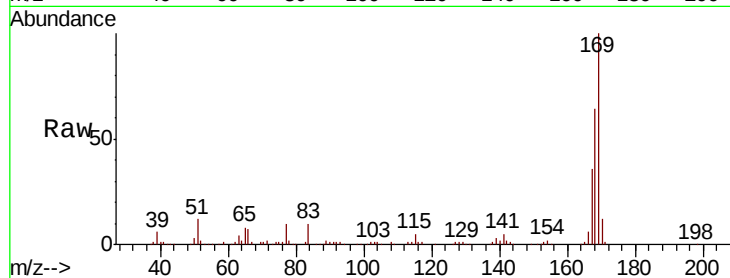




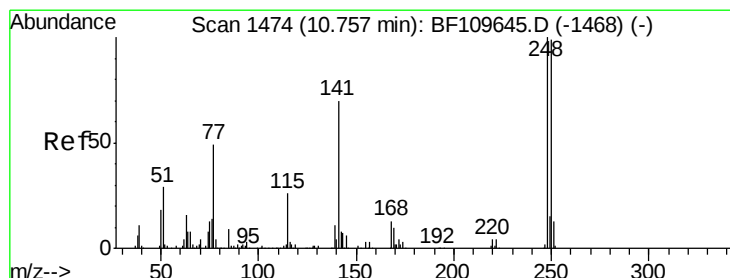
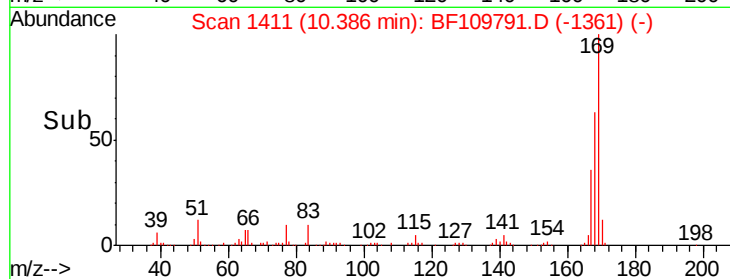
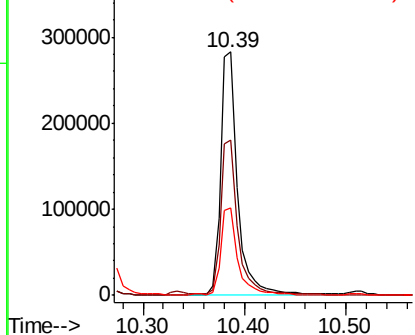
#65
n-Nitrosodiphenylamine
Concen: 36.444 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 327252
Ion Ratio Lower Upper
169 100
168 63.9 51.2 76.8
167 35.9 27.8 41.6

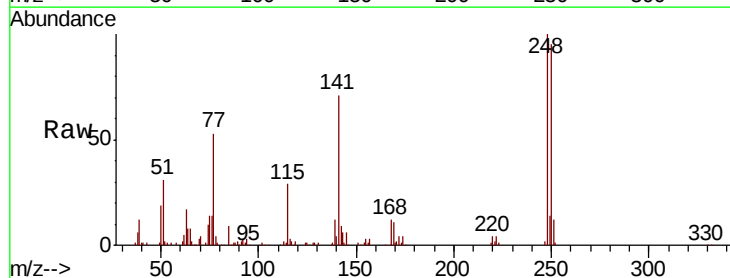


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

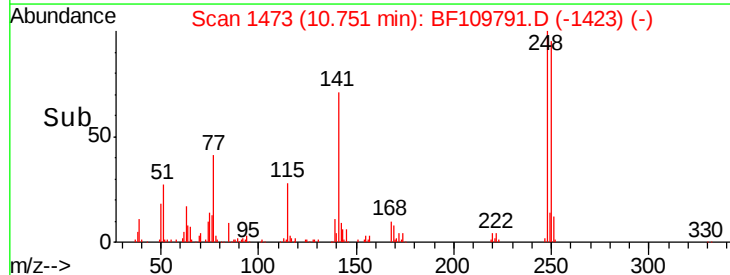
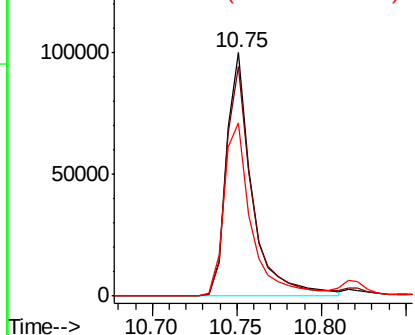


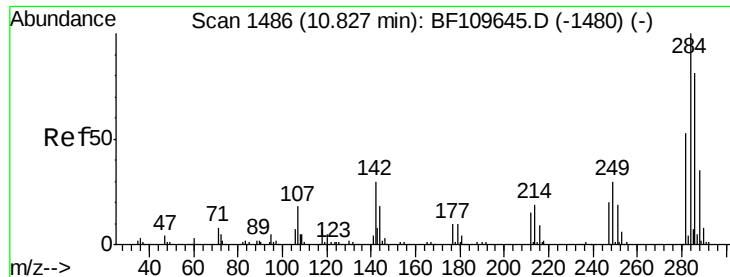
#66
4-Bromophenyl-phenylether
Concen: 34.628 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Tgt Ion:248 Resp: 105392
Ion Ratio Lower Upper
248 100
250 94.5 79.4 119.2
141 71.2 55.9 83.9



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

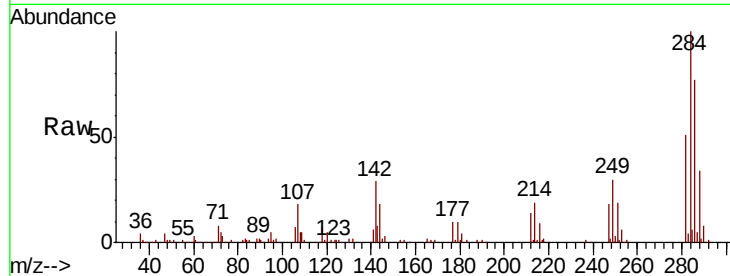




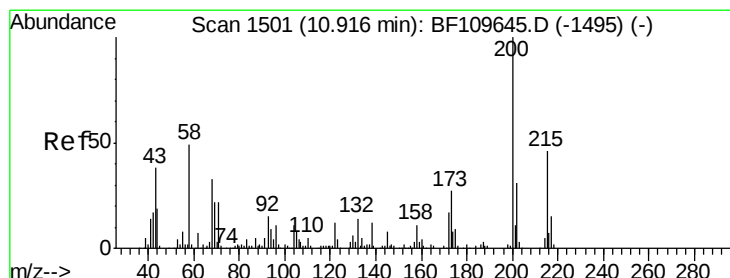
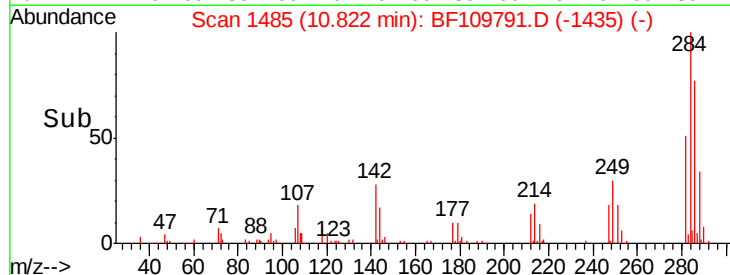
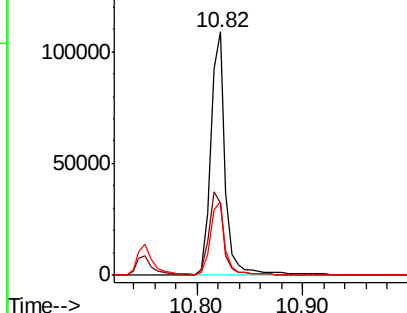
#67
Hexachlorobenzene
Concen: 32.092 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.5	23.9	35.9
249	30.1	24.2	36.2

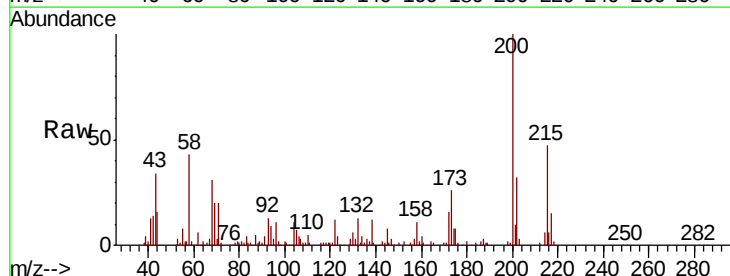


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

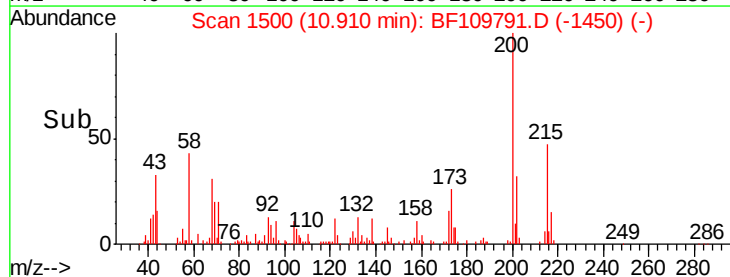
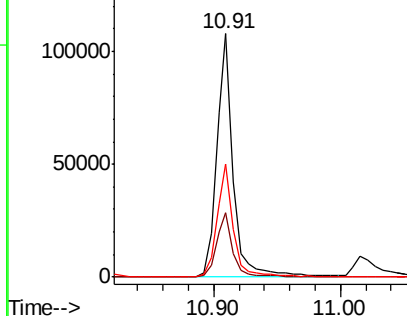


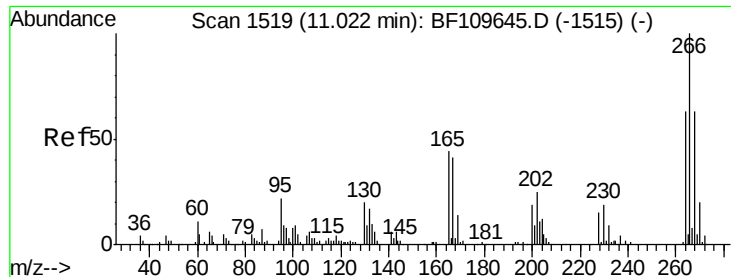
#68
Atrazine
Concen: 35.212 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.6	46.6
215	46.6	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

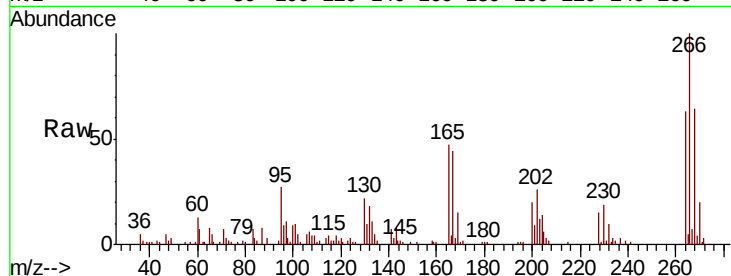




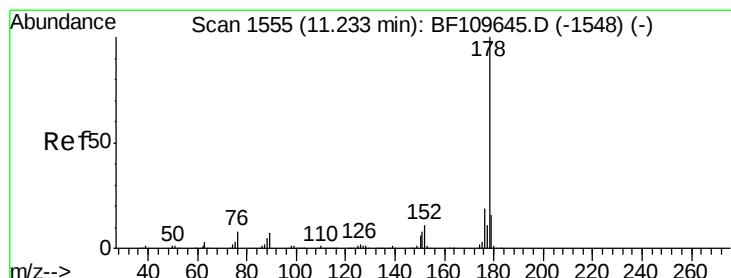
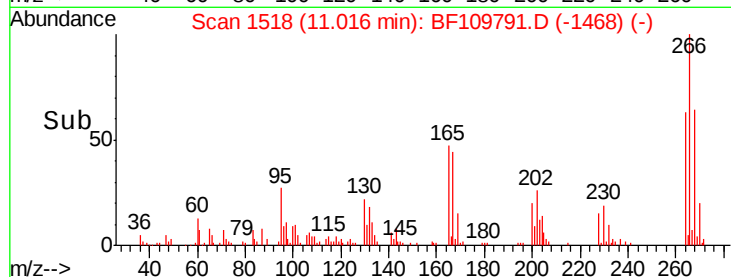
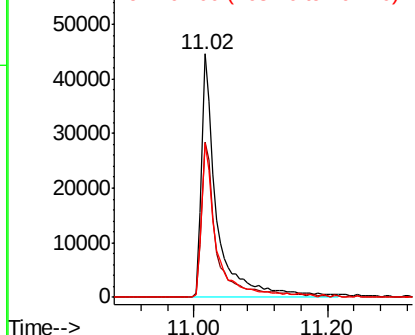
#69
 Pentachlorophenol
 Concen: 37.759 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF109791.D
 Acq: 11 Oct 2018 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 70024
 Ion Ratio Lower Upper
 266 100
 268 63.7 50.6 75.8
 264 63.3 50.6 75.8

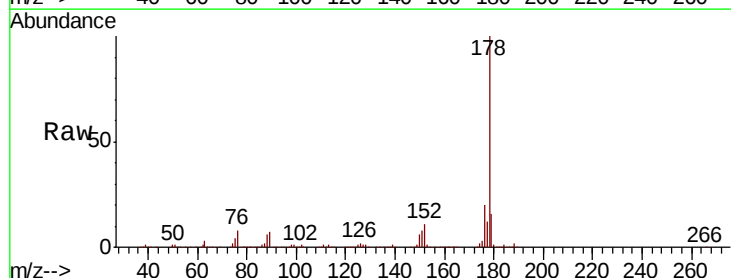


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

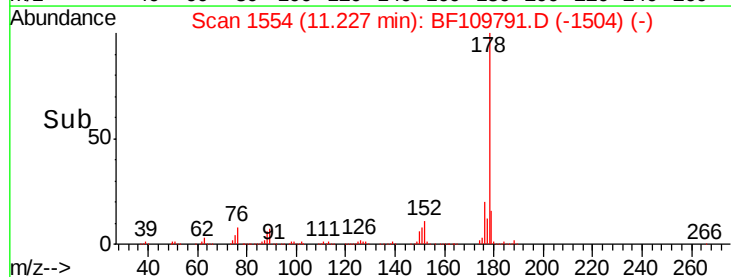
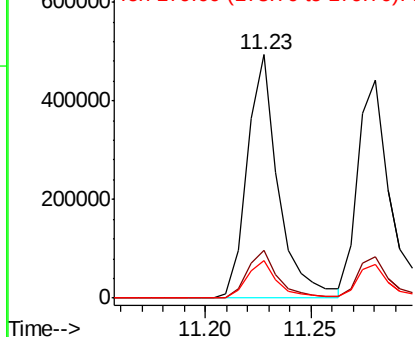


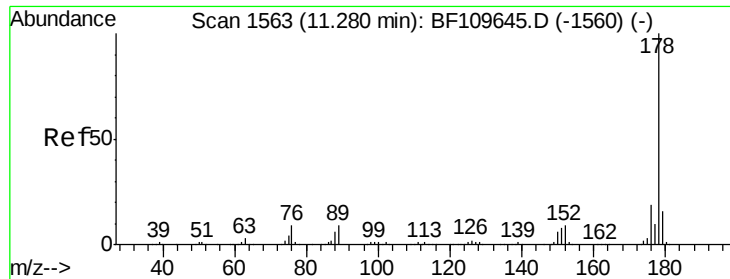
#70
 Phenanthrene
 Concen: 38.366 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109791.D
 Acq: 11 Oct 2018 17:15

Tgt Ion:178 Resp: 508561
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.5 23.3
 179 15.5 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

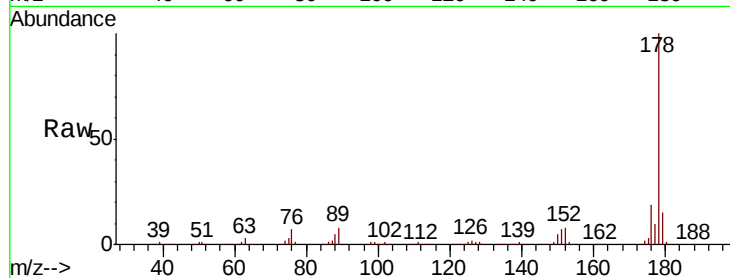




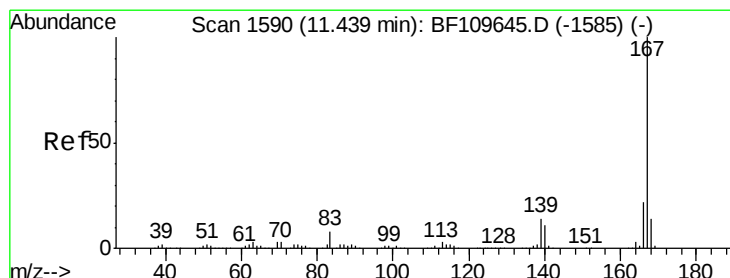
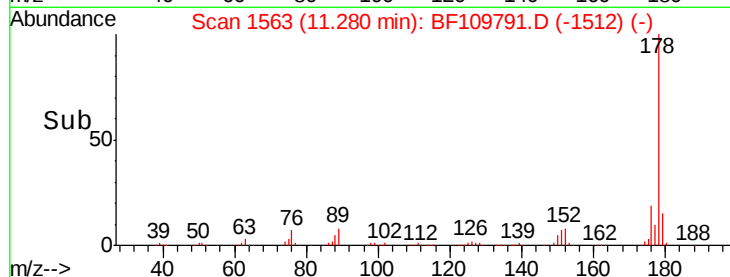
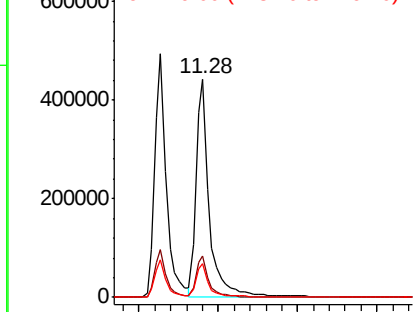
#71
 Anthracene
 Concen: 37.810 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF109791.D
 Acq: 11 Oct 2018 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 518103
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.3 12.6 18.8

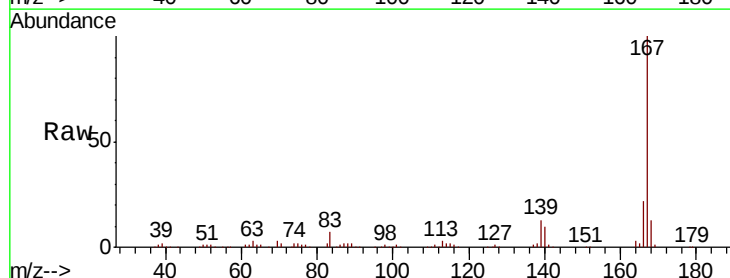


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

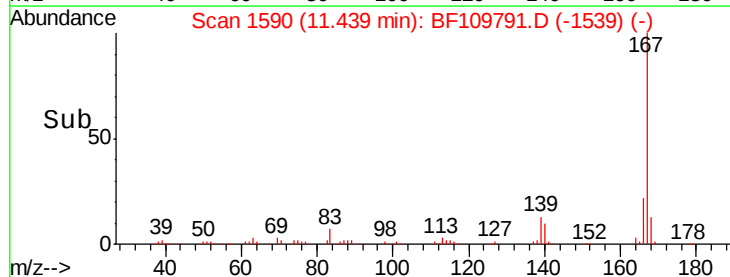
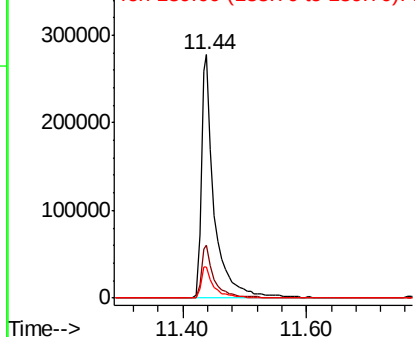


#72
 Carbazole
 Concen: 30.836 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109791.D
 Acq: 11 Oct 2018 17:15

Tgt Ion:167 Resp: 409813
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 12.6 10.9 16.3



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

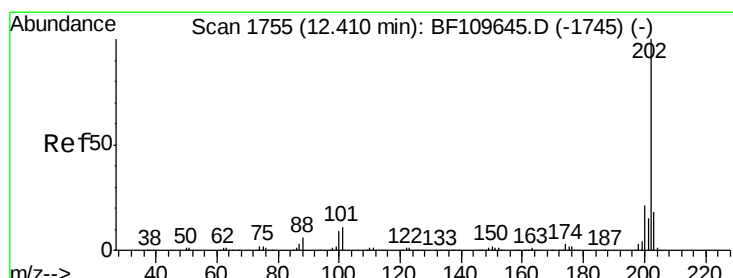
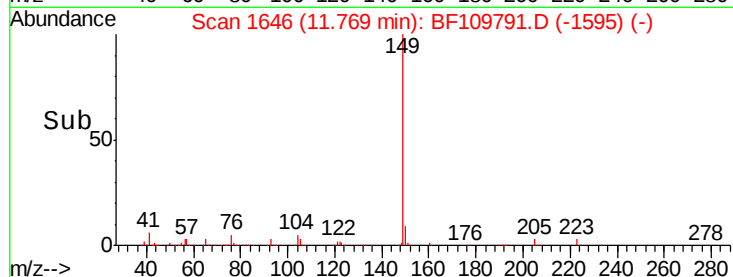
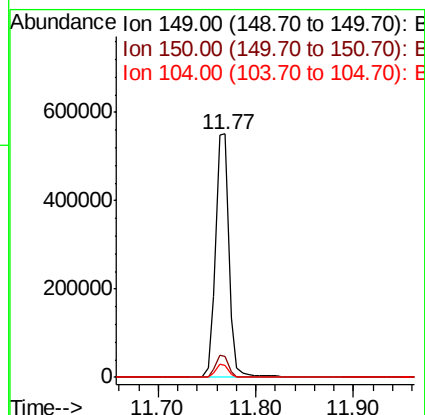
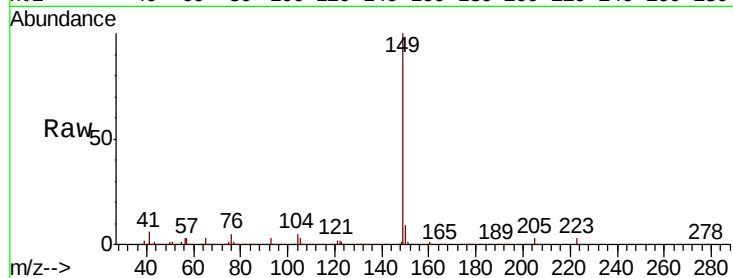




#73
Di-n-butylphthalate
Concen: 34.723 ng
RT: 11.77 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

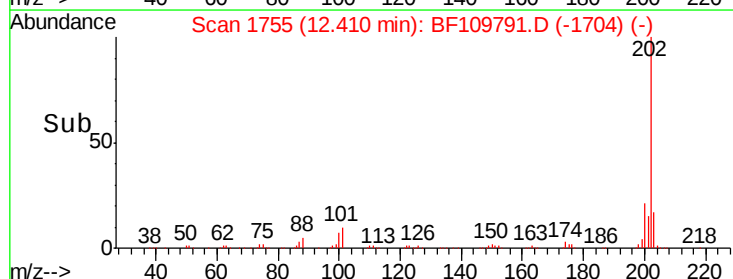
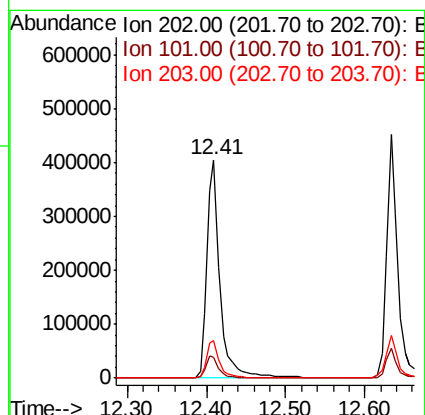
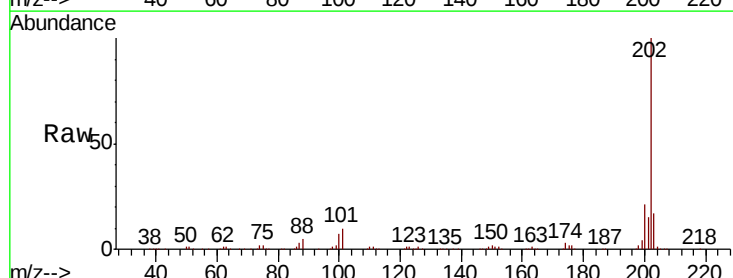
Instrument :
BNA_F
ClientSampleId :

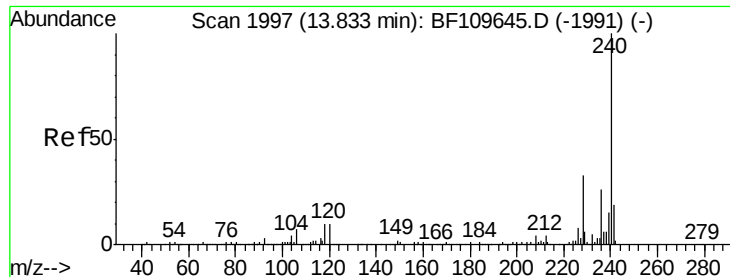
Tot Ion:149 Resp: 535225
Ion Ratio Lower Upper
149 100
150 8.7 7.7 11.5
104 4.9 4.2 6.4



#74
Fluoranthene
Concen: 34.052 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Tgt Ion:202 Resp: 471551
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.4
203 17.1 0.0 37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109791.D

Acq: 11 Oct 2018 17:15

Instrument :

BNA_F

ClientSampleId :

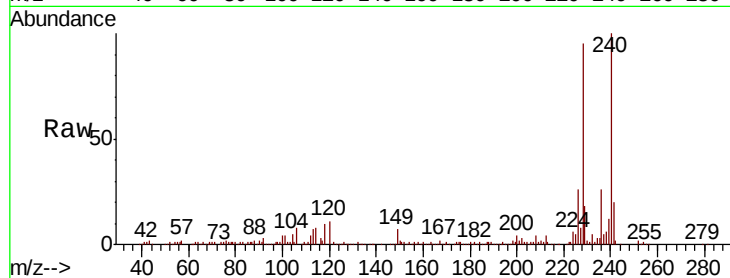
Tot Ion:240 Resp: 182935

Ion Ratio Lower Upper

240 100

120 11.4 8.3 12.5

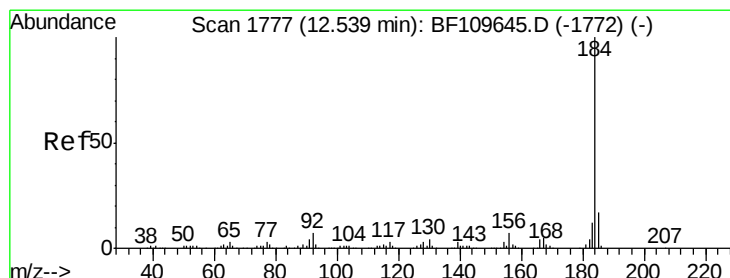
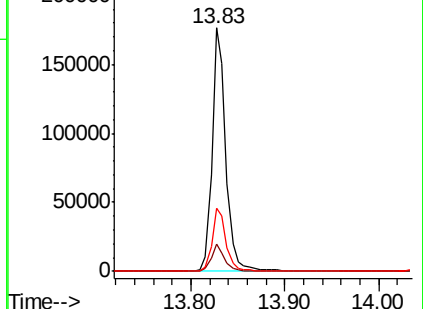
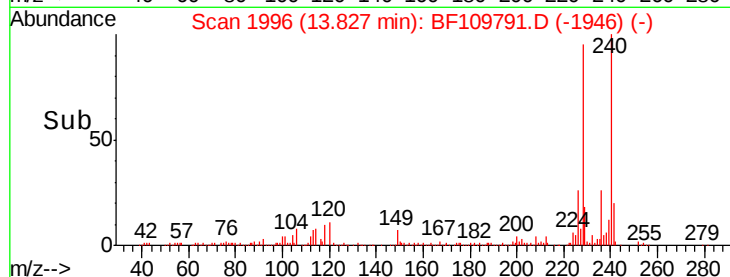
236 25.9 21.2 31.8



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: 26.269 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF109791.D

Acq: 11 Oct 2018 17:15

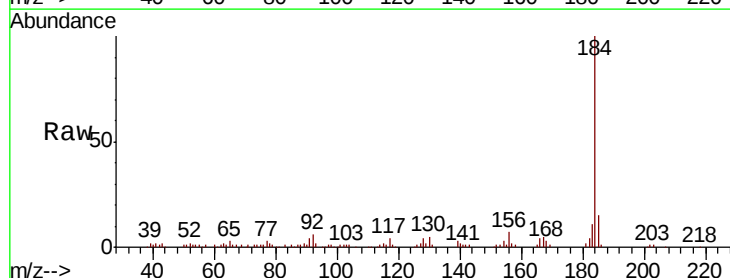
Tgt Ion:184 Resp: 178515

Ion Ratio Lower Upper

184 100

185 15.4 13.4 20.2

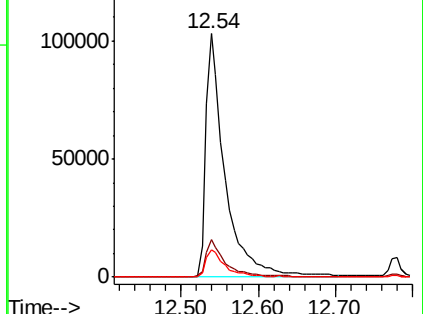
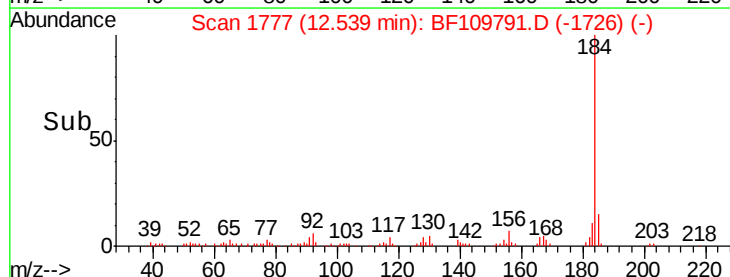
183 11.1 9.4 14.2

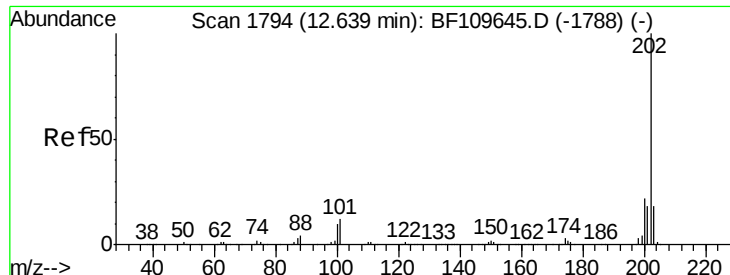


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 33.654 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF109791.D

Acq: 11 Oct 2018 17:15

Instrument :

BNA_F

ClientSampleId :

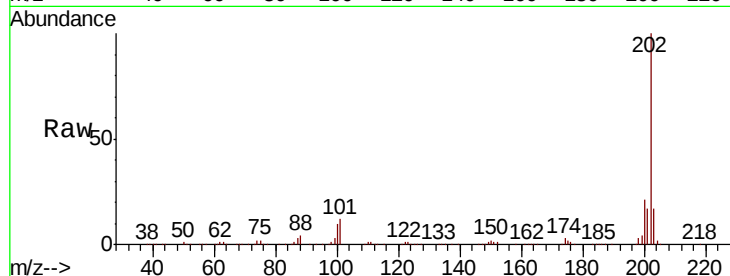
Tot Ion:202 Resp: 451064

Ion Ratio Lower Upper

202 100

200 20.8 17.8 26.6

203 17.4 14.2 21.4

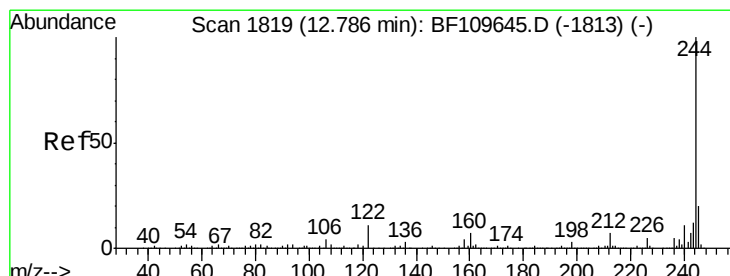
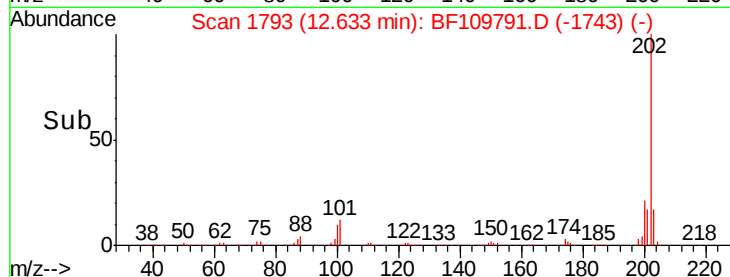
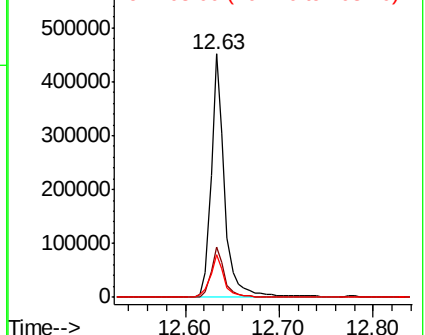


Abundance

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: 60.991 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109791.D

Acq: 11 Oct 2018 17:15

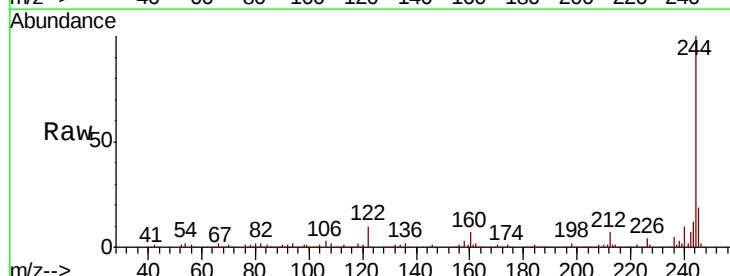
Tgt Ion:244 Resp: 576360

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 9.5 8.7 13.1

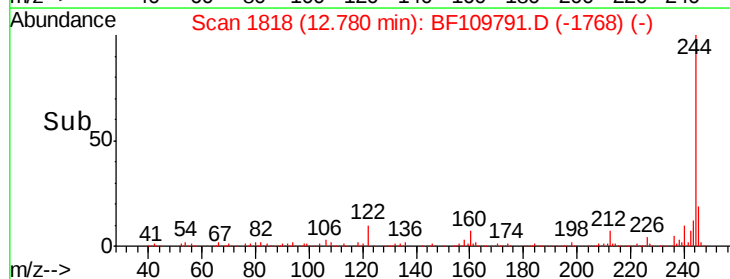
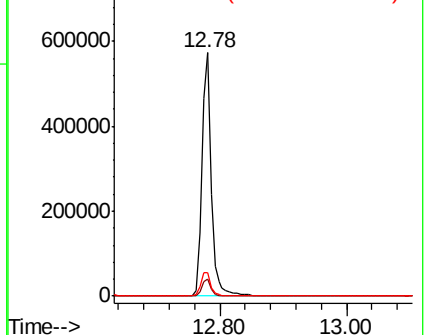


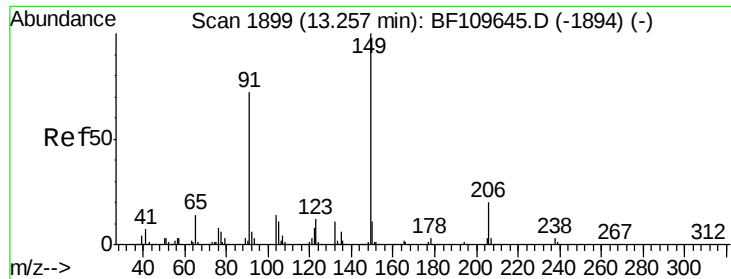
Abundance

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

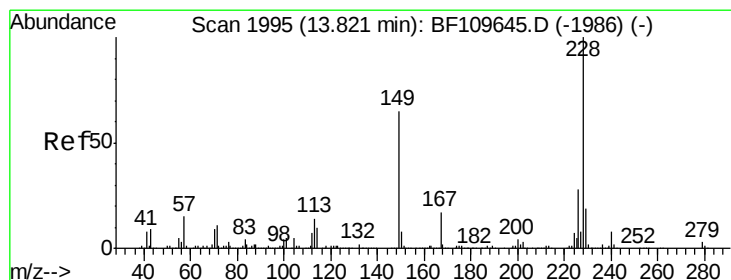
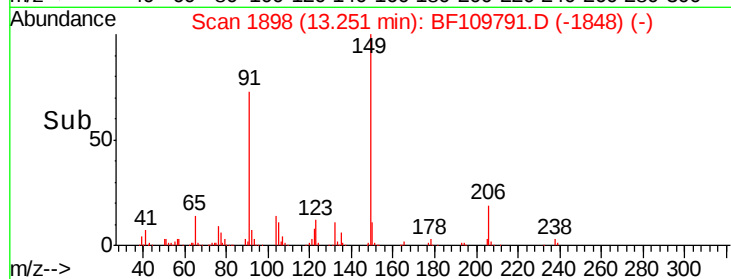
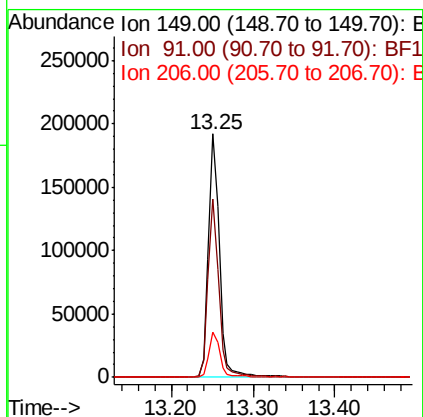
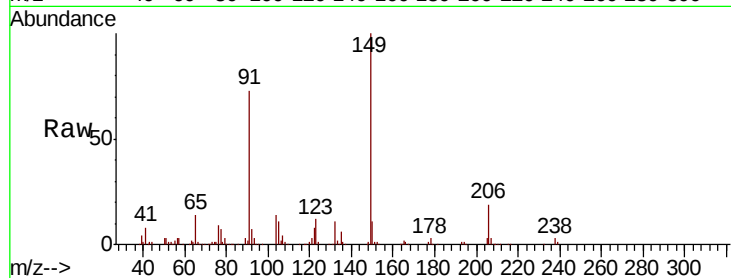




#79
Butylbenzylphthalate
Concen: 30.943 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

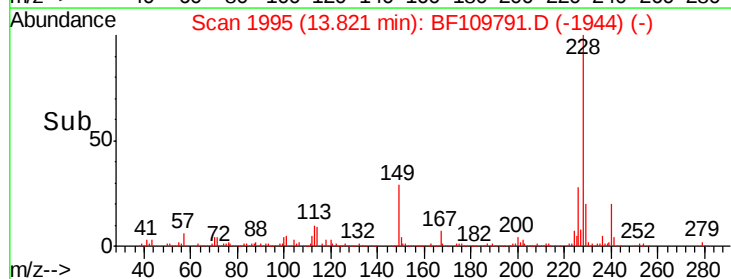
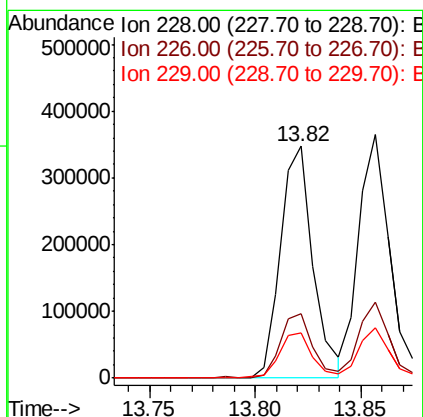
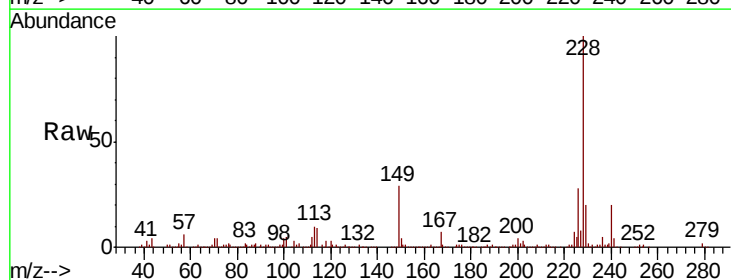
Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 179806
Ion Ratio Lower Upper
149 100
91 73.1 57.2 85.8
206 18.8 15.7 23.5



#80
Benzo(a)anthracene
Concen: 36.969 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Tgt Ion:228 Resp: 373209
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 19.8 15.6 23.4

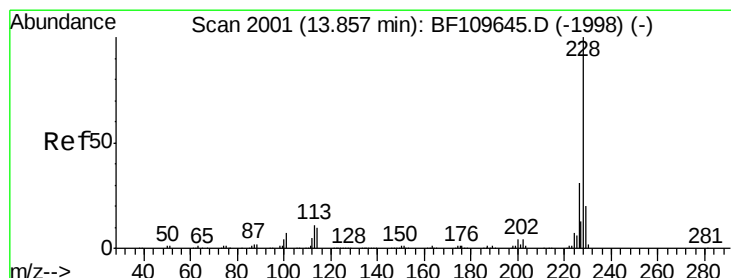
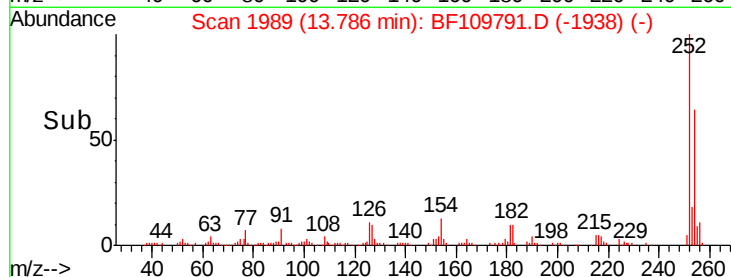
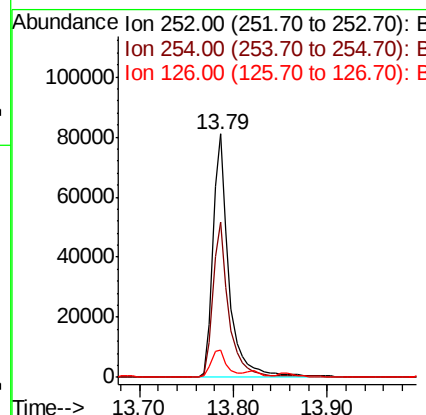
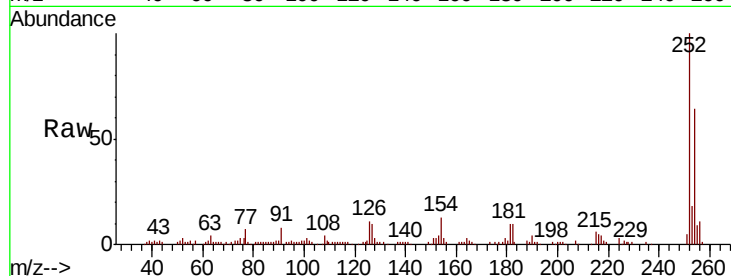




#81
 3,3'-Dichlorobenzidine
 Concen: 23.813 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF109791.D
 Acq: 11 Oct 2018 17:15

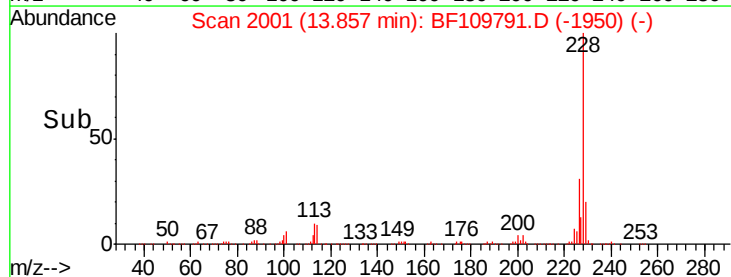
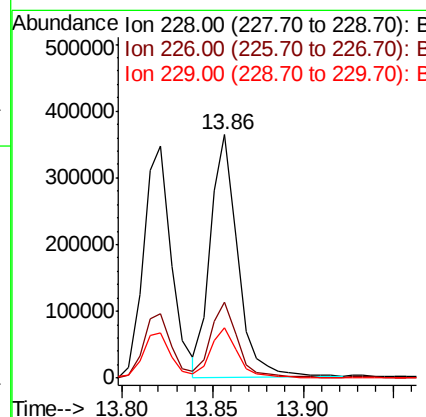
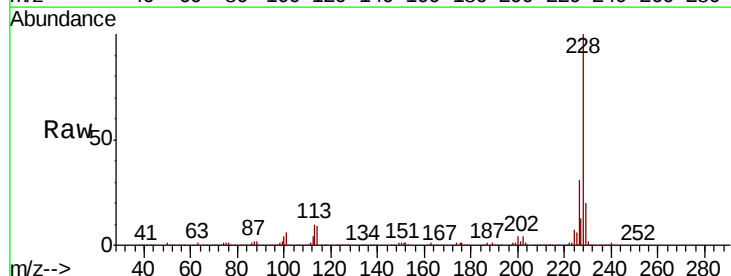
Instrument :
 BNA_F
 ClientSampleID :

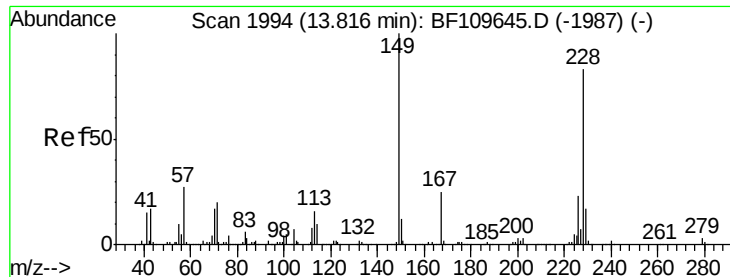
Tot Ion:252 Resp: 96798
 Ion Ratio Lower Upper
 252 100
 254 63.8 51.3 76.9
 126 11.4 9.4 14.2



#82
 Chrysene
 Concen: 35.746 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF109791.D
 Acq: 11 Oct 2018 17:15

Tgt Ion:228 Resp: 379040
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.7 37.1
 229 20.5 15.9 23.9

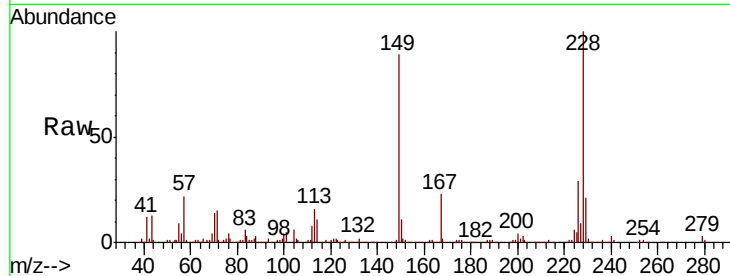




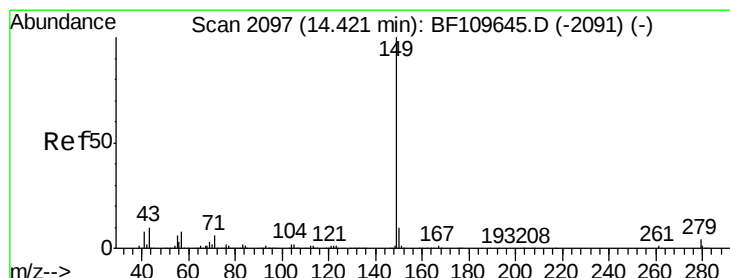
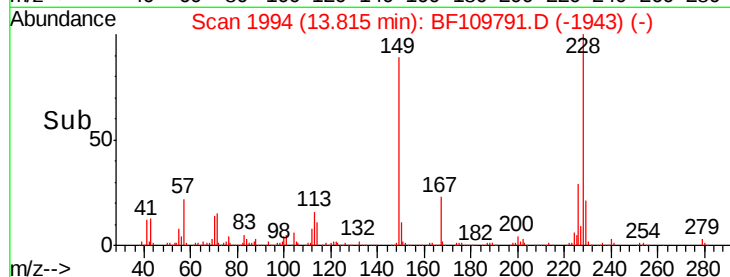
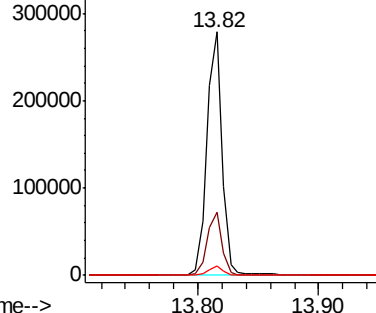
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.609 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF109791.D
 Acq: 11 Oct 2018 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	19.8	29.8
279	3.6	2.7	4.1

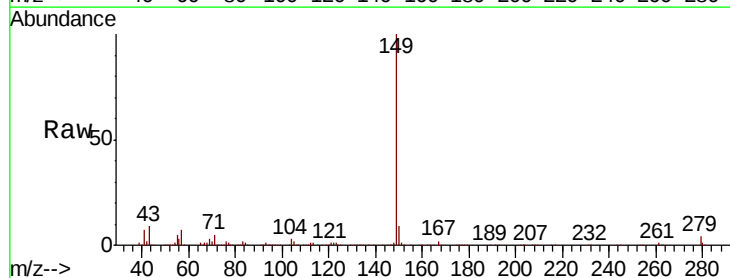


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

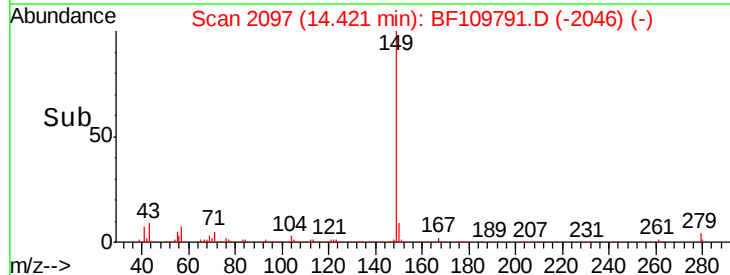
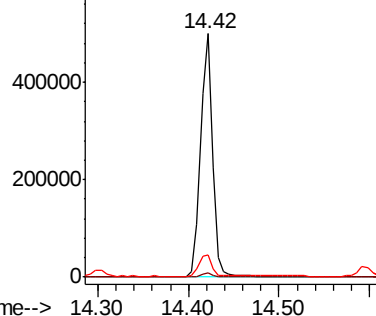


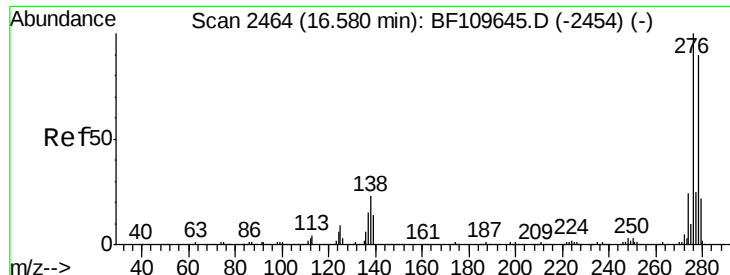
#84
 Di-n-octyl phthalate
 Concen: 40.820 ng
 RT: 14.42 min Scan# 2097
 Delta R.T. -0.00 min
 Lab File: BF109791.D
 Acq: 11 Oct 2018 17:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	9.4	7.8	11.8



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

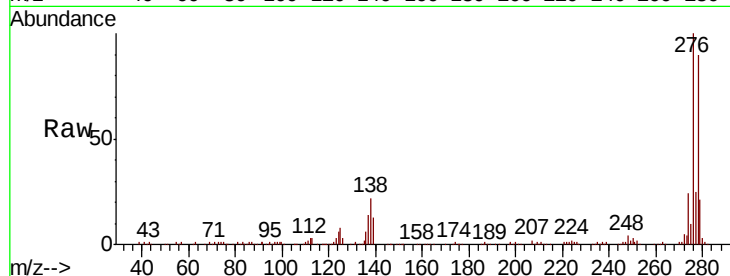




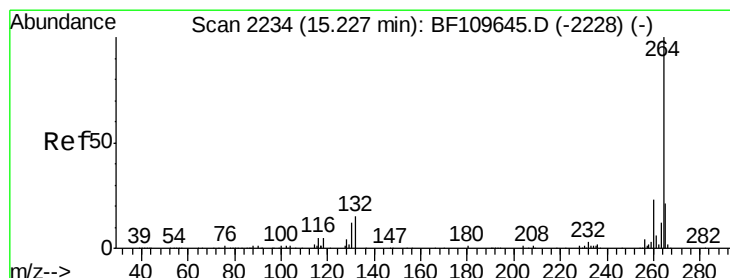
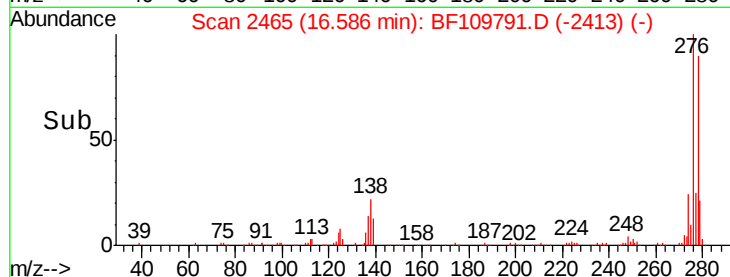
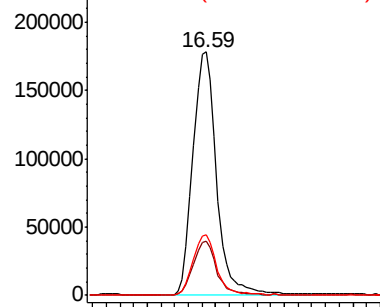
#85
Indeno(1,2,3-cd)pyrene
Concen: 56.868 ng
RT: 16.59 min Scan# 2465
Delta R.T. 0.01 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.5	18.5	27.7
277	25.1	20.0	30.0

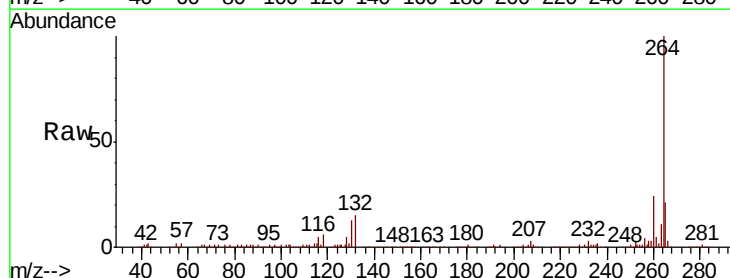


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

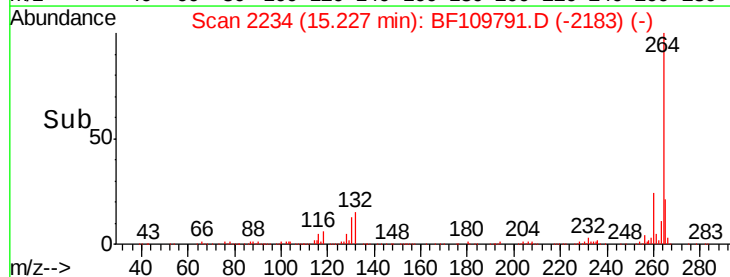
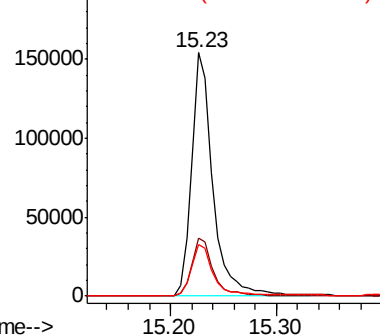


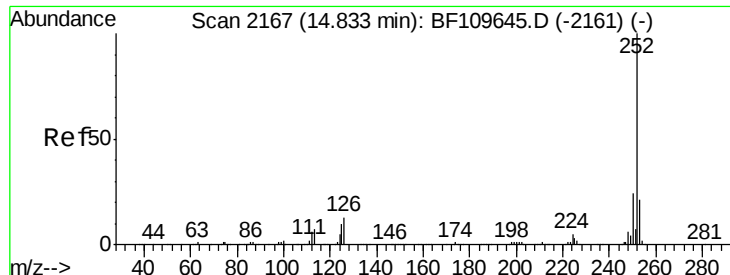
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.4	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

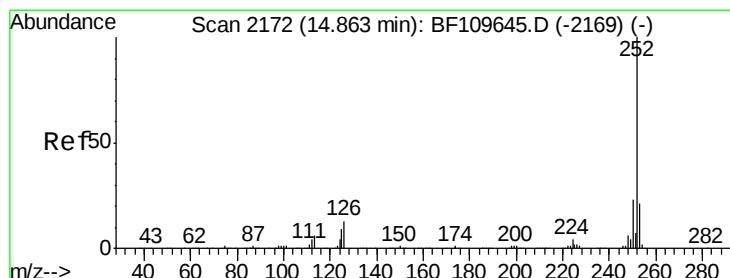
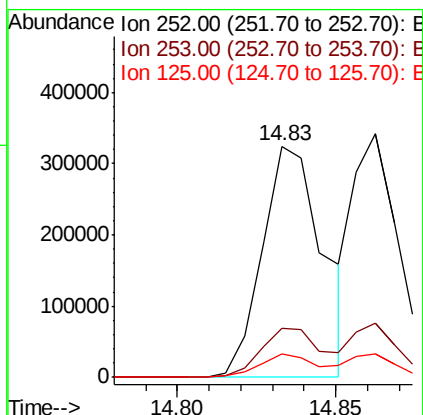
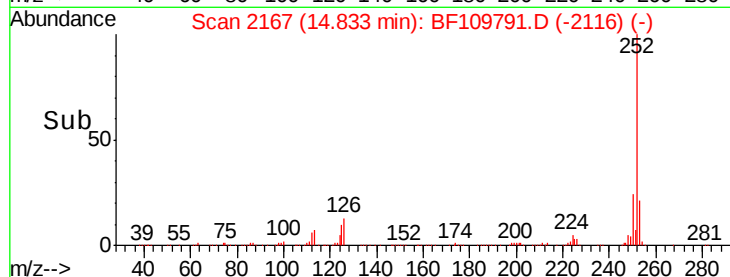
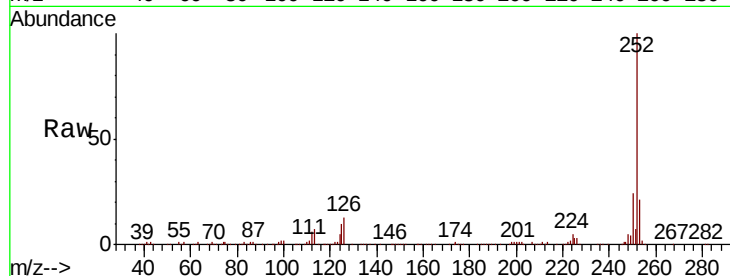




#87
Benzo(b)fluoranthene
Concen: 35.532 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

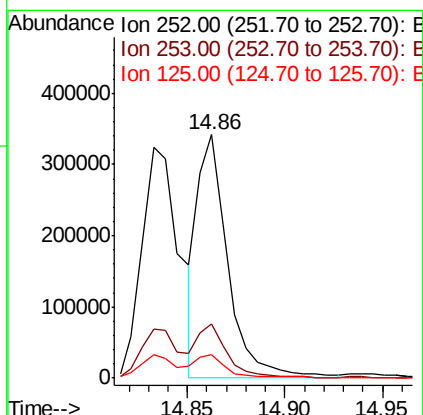
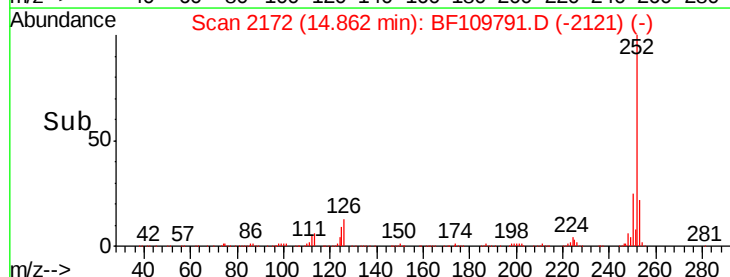
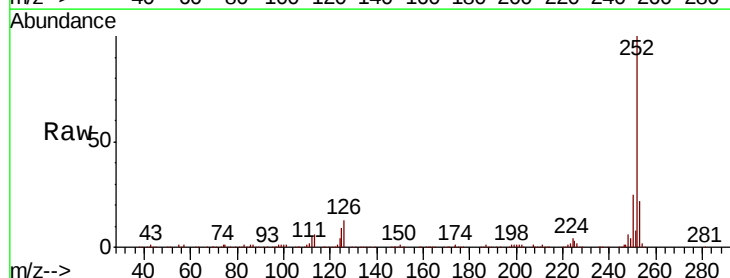
Instrument :
BNA_F
ClientSampleId :

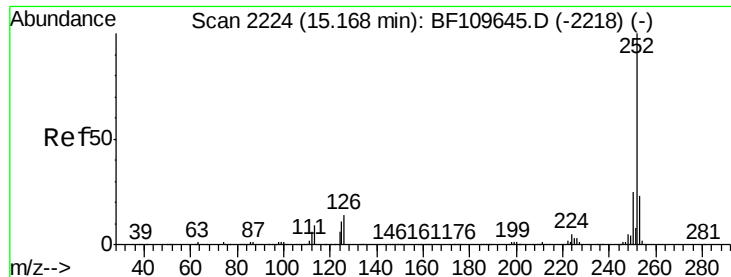
Tot Ion:252 Resp: 431540
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 10.1 8.2 12.4



#88
Benzo(k)fluoranthene
Concen: 30.398 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF109791.D
Acq: 11 Oct 2018 17:15

Tgt Ion:252 Resp: 370945
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 9.4 7.4 11.0





#89

Benzo(a)pyrene

Concen: 36.734 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BF109791.D

Acq: 11 Oct 2018 17:15

Instrument :

BNA_F

ClientSampleId :

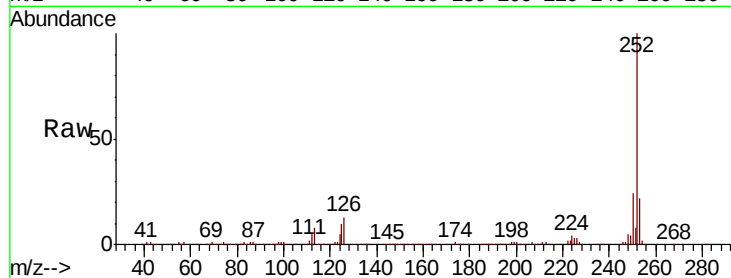
Tot Ion:252 Resp: 404861

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.4

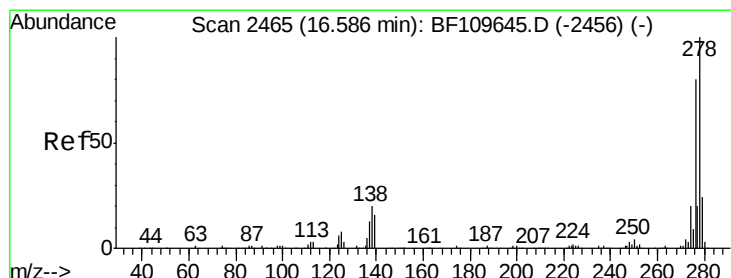
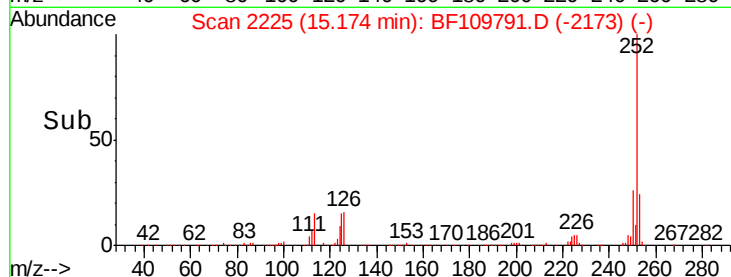
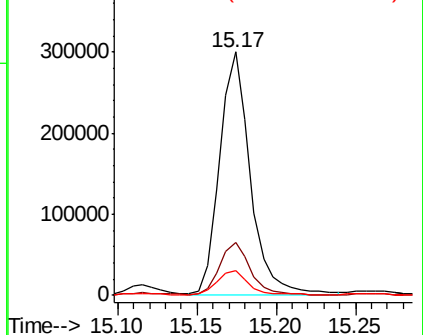
125 10.1 9.0 13.6



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: 38.345 ng

RT: 16.59 min Scan# 2466

Delta R.T. 0.01 min

Lab File: BF109791.D

Acq: 11 Oct 2018 17:15

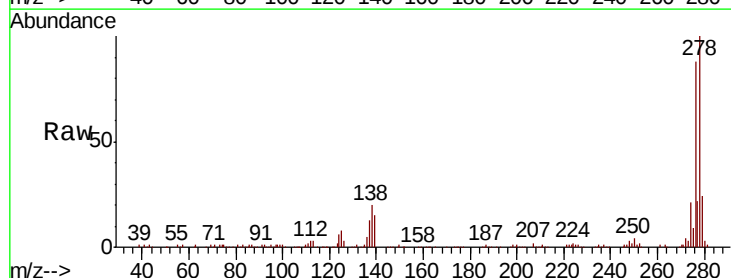
Tgt Ion:278 Resp: 347089

Ion Ratio Lower Upper

278 100

139 14.7 12.7 19.1

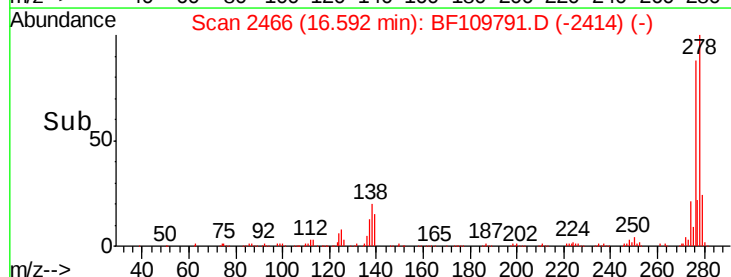
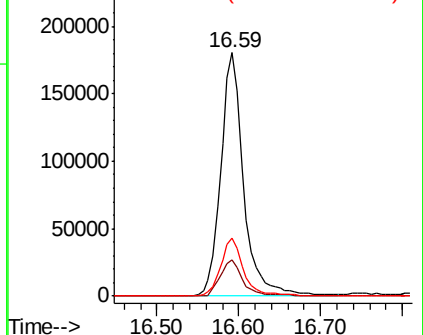
279 23.9 19.0 28.4

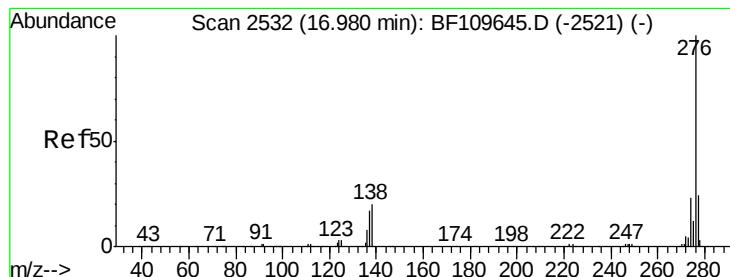


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 35.792 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

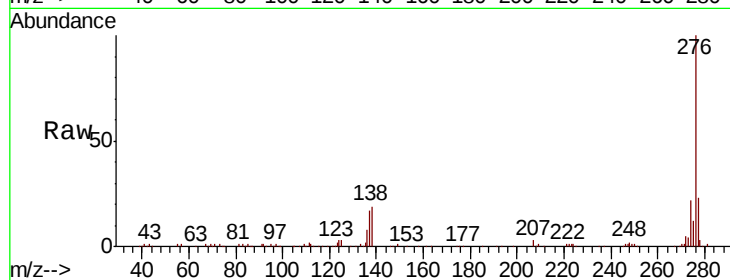
Lab File: BF109791.D

Acq: 11 Oct 2018 17:15

Instrument :

BNA_F

ClientSampleId :



Tot Ion:276 Resp: 323522

Ion Ratio Lower Upper

276 100

277 22.7 18.8 28.2

138 19.0 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

