

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109093.D
 Acq On : 18 Sep 2018 14:12
 Operator : JU/SJ
 Sample : PB112950BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 18 14:41:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	146853	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	608514	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	287320	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	548969	20.00	ng	0.00
75) Chrysene-d12	13.86	240	338459	20.00	ng	0.00
86) Perylene-d12	15.26	264	361436	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	924237	104.53	ng	0.02
7) Phenol-d6	6.37	99	1182100	103.68	ng	0.00
23) Nitrobenzene-d5	7.28	82	740819	68.28	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	299191	95.95	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1357261	74.01	ng	0.00
78) Terphenyl-d14	12.81	244	1216210	85.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	150855	35.842	ng	92
3) Pyridine	3.19	79	395545	35.452	ng	90
4) n-Nitrosodimethylamine	3.11	42	194496	46.157	ng	93
6) Aniline	6.38	93	436387	29.613	ng	# 84
8) 2-Chlorophenol	6.51	128	412939	41.733	ng	100
9) Benzaldehyde	6.27	77	208226	28.596	ng	96
10) Phenol	6.38	94	495543	38.628	ng	77
11) bis(2-Chloroethyl)ether	6.46	93	404811	40.110	ng	97
12) 1,3-Dichlorobenzene	6.67	146	436859	38.606	ng	98
13) 1,4-Dichlorobenzene	6.74	146	440348	38.790	ng	100
14) 1,2-Dichlorobenzene	6.90	146	411703	39.119	ng	97
15) Benzyl Alcohol	6.87	79	362797	41.915	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	578483	40.005	ng	96
17) 2-Methylphenol	6.98	107	340616	42.193	ng	97
18) Hexachloroethane	7.24	117	163973	39.770	ng	98
19) n-Nitroso-di-n-propylamine	7.14	70	294241	39.044	ng	98
20) 3+4-Methylphenols	7.14	107	394907	40.618	ng	# 70
22) Acetophenone	7.13	105	556820	40.293	ng	# 93
24) Nitrobenzene	7.30	77	441405	39.461	ng	97
25) Isophorone	7.55	82	815029	43.703	ng	97
26) 2-Nitrophenol	7.62	139	209623	40.134	ng	97
27) 2,4-Dimethylphenol	7.67	122	370815	45.260	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	512678	40.851	ng	99
29) 2,4-Dichlorophenol	7.87	162	345500	39.572	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	357056	37.833	ng	96
31) Naphthalene	8.02	128	1165815	41.277	ng	99
32) Benzoic acid	7.77	122	35958	6.717	ng	98
33) 4-Chloroaniline	8.07	127	327920	26.113	ng	99
34) Hexachlorobutadiene	8.15	225	213195	37.002	ng	100
35) Caprolactam	8.49	113	34884	12.255	ng	87
36) 4-Chloro-3-methylphenol	8.56	107	359197	39.082	ng	100
37) 2-Methylnaphthalene	8.72	142	781939	42.472	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	334606	37.001	ng	98
40) Hexachlorocyclopentadiene	8.88	237	359295	78.857	ng	100

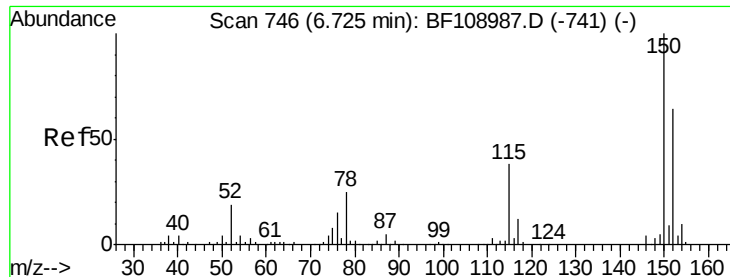
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109093.D
 Acq On : 18 Sep 2018 14:12
 Operator : JU/SJ
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Instrument :
 BNA_F
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Quant Time: Sep 18 14:41:45 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	246042	40.479	nq	99
43) 2,4,5-Trichlorophenol	9.04	196	260428	41.000	nq	97
45) 1,1'-Biphenyl	9.18	154	920690	40.053	nq	98
46) 2-Chloronaphthalene	9.20	162	726012	39.438	nq	98
47) 2-Nitroaniline	9.30	65	232133	41.017	nq	95
48) Acenaphthylene	9.62	152	1152769	41.532	nq	100
49) Dimethylphthalate	9.48	163	820343	39.947	nq	99
50) 2,6-Dinitrotoluene	9.54	165	184965	40.615	nq	90
51) Acenaphthene	9.79	154	679130	39.294	nq	100
52) 3-Nitroaniline	9.71	138	173618	32.376	nq	97
53) 2,4-Dinitrophenol	9.81	184	45332	25.828	nq #	21
54) Dibenzofuran	9.96	168	973119	38.963	nq	98
55) 4-Nitrophenol	9.87	139	286878	72.608	nq	94
56) 2,4-Dinitrotoluene	9.94	165	242019	40.635	nq #	98
57) Fluorene	10.30	166	719343	43.219	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	194113	36.907	nq	91
59) Diethylphthalate	10.18	149	819548	39.520	nq	97
60) 4-Chlorophenyl-phenylether	10.30	204	345340	38.749	nq	94
61) 4-Nitroaniline	10.32	138	190649	37.420	nq	100
62) Azobenzene	10.45	77	839340	39.540	nq	96
64) 4,6-Dinitro-2-methylphenol	10.35	198	51289	19.527	nq	84
65) n-Nitrosodiphenylamine	10.41	169	698468	38.896	nq	95
66) 4-Bromophenyl-phenylether	10.78	248	233262	37.690	nq #	87
67) Hexachlorobenzene	10.85	284	249541	37.696	nq	94
68) Atrazine	10.94	200	218233	37.964	nq	99
69) Pentachlorophenol	11.04	266	200631	47.370	nq	100
70) Phenanthrene	11.26	178	1091315	40.554	nq	99
71) Anthracene	11.31	178	1127638	41.337	nq	99
72) Carbazole	11.46	167	980486	36.309	nq	100
73) Di-n-butylphthalate	11.80	149	1168083	36.953	nq	99
74) Fluoranthene	12.44	202	1078816	37.974	nq	98
76) Benzidine	12.55	184	209352	17.474	nq #	78
77) Pyrene	12.67	202	1054213	41.933	nq	99
79) Butylbenzylphthalate	13.29	149	457385	40.733	nq	98
80) Benzo(a)anthracene	13.85	228	836717	40.833	nq	100
81) 3,3'-Dichlorobenzidine	13.81	252	239574	28.973	nq	99
82) Chrysene	13.88	228	804672	39.249	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	541701	39.843	nq	100
84) Di-n-octyl phthalate	14.46	149	921766	39.976	nq #	90
85) Indeno(1,2,3-cd)pyrene	16.62	276	1004304	61.272	nq #	93
87) Benzo(b)fluoranthene	14.87	252	843086	42.164	nq	98
88) Benzo(k)fluoranthene	14.89	252	736324	39.426	nq #	96
89) Benzo(a)pyrene	15.21	252	763650	43.005	nq	98
90) Dibenzo(a,h)anthracene	16.64	278	823966	55.231	nq #	95
91) Benzo(g,h,i)perylene	17.03	276	868377	58.221	nq #	93

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

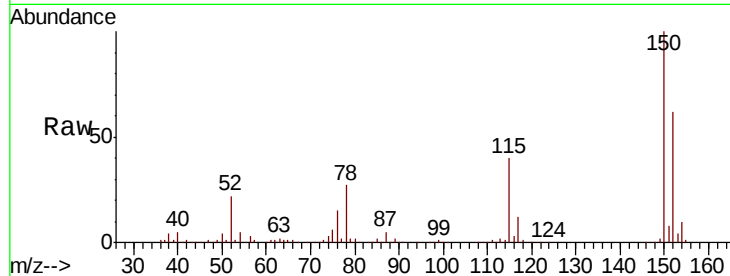


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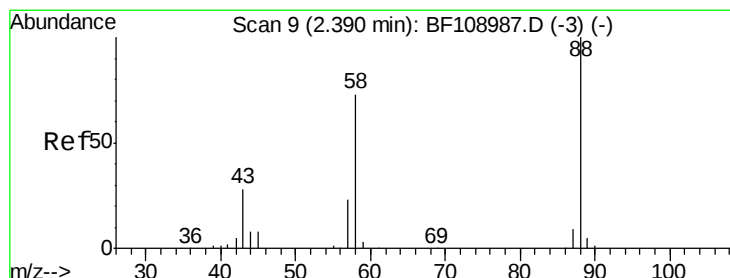
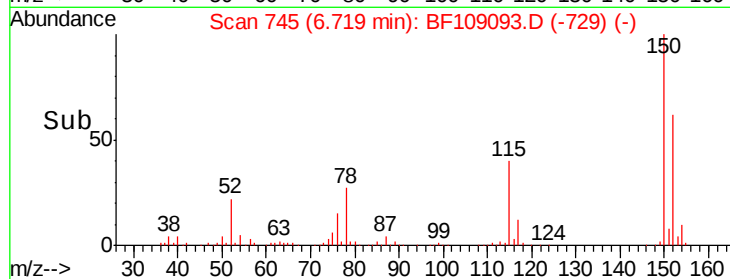
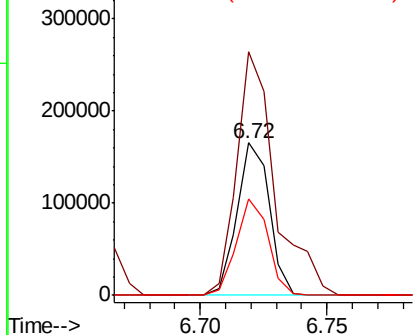
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 146853
Ion Ratio Lower Upper
152 100
150 160.0 124.6 186.8
115 63.7 50.1 75.1



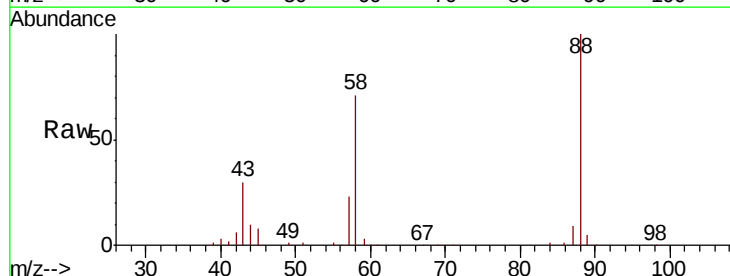
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



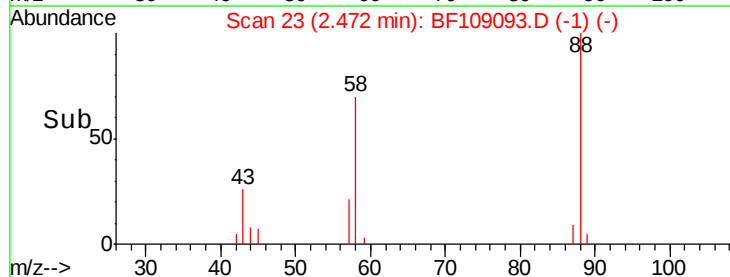
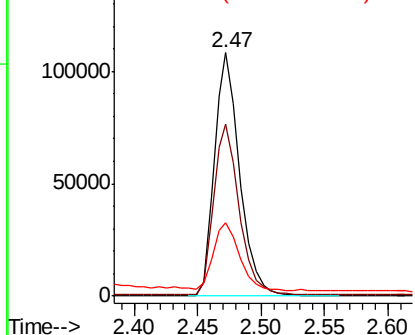
#2

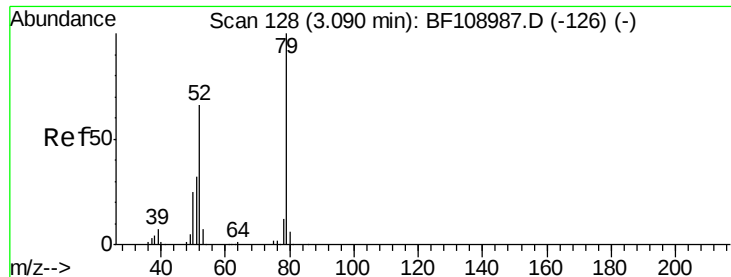
1,4-Dioxane
Concen: 35.842 ng
RT: 2.47 min Scan# 23
Delta R.T. 0.08 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion: 88 Resp: 150855
Ion Ratio Lower Upper
88 100
58 70.0 62.6 93.8
43 28.3 24.6 37.0



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





#3

Pvridine

Concen: 35.452 ng

RT: 3.19 min Scan# 145

Delta R.T. 0.10 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Instrument :

BNA_F

ClientSampled :

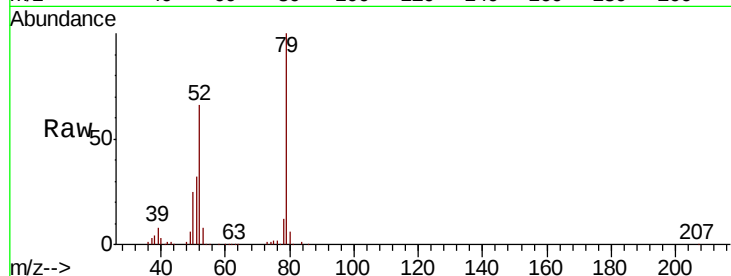
Tot Ion: 79 Resp: 395545

Ion Ratio Lower Upper

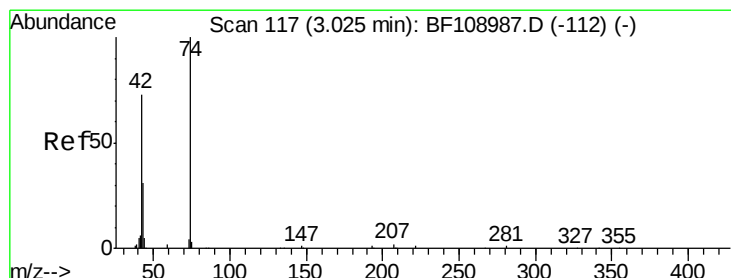
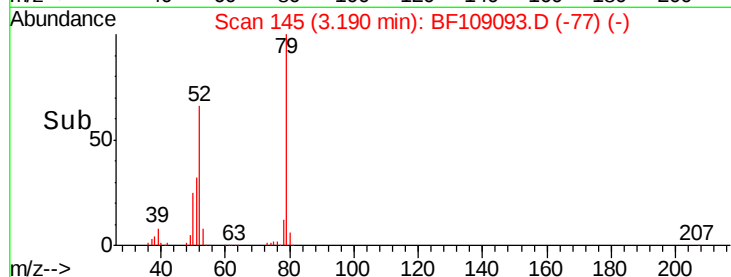
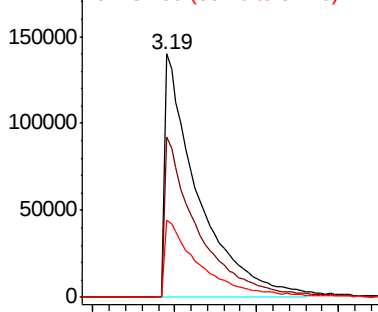
79 100

52 65.8 59.8 89.6

51 32.0 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 46.157 ng

RT: 3.11 min Scan# 131

Delta R.T. 0.08 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

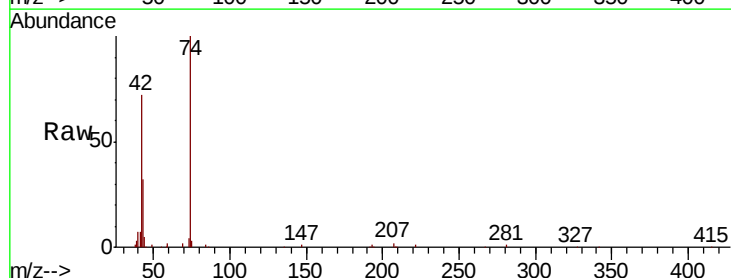
Tgt Ion: 42 Resp: 194496

Ion Ratio Lower Upper

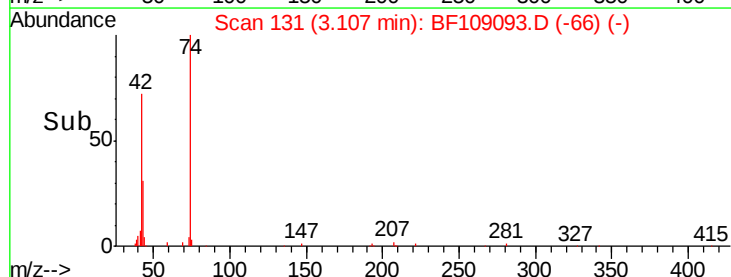
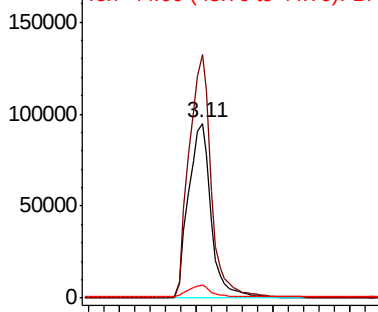
42 100

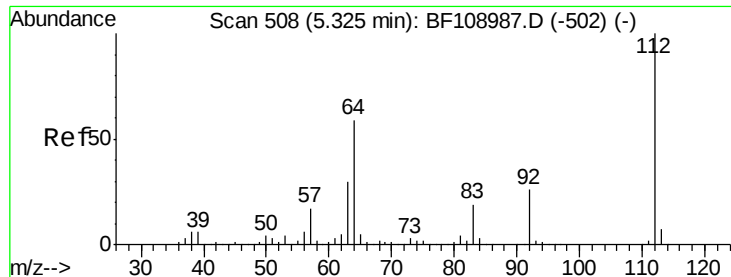
74 139.5 104.9 157.3

44 7.4 6.9 10.3



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





#5

2-Fluorophenol

Concen: 104.530 ng

RT: 5.34 min Scan# 511

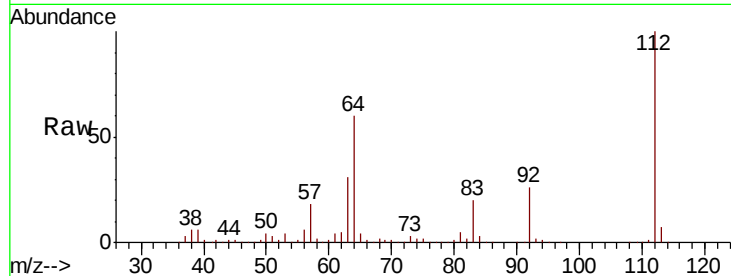
Delta R.T. 0.02 min

Lab File: BF109093.D

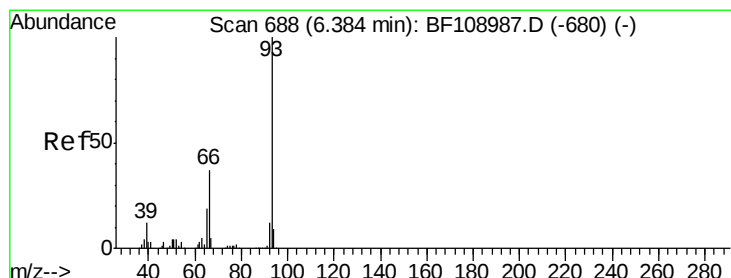
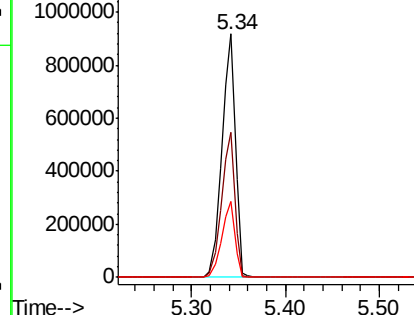
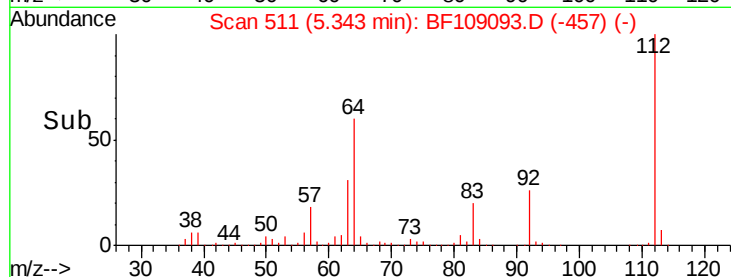
Acq: 18 Sep 2018 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	924237
Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.9	71.9
63	31.4	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: 29.613 ng

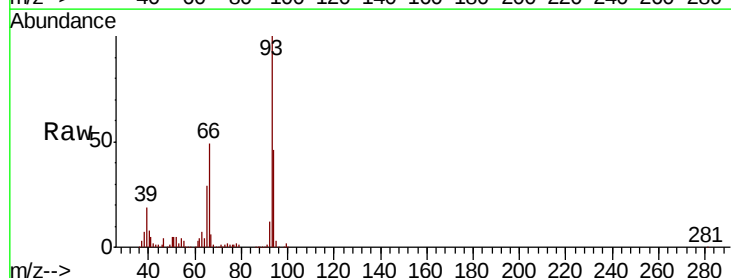
RT: 6.38 min Scan# 688

Delta R.T. 0.00 min

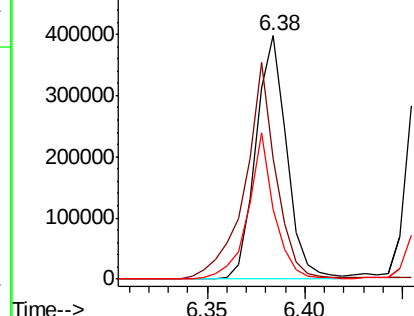
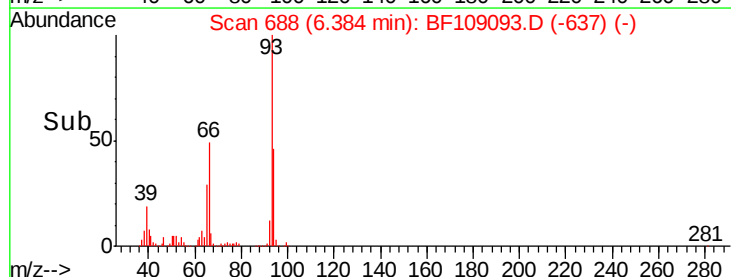
Lab File: BF109093.D

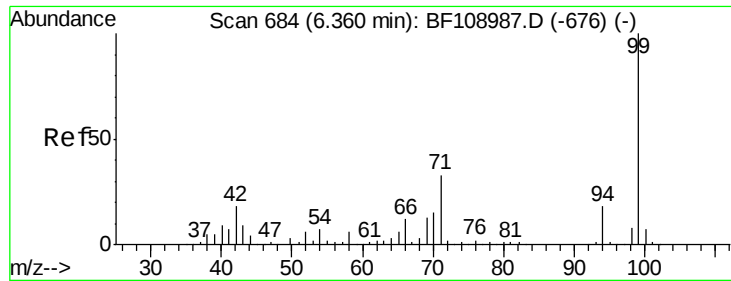
Acq: 18 Sep 2018 14:12

Tgt Ion:	93	Resp:	436387
Ion	Ratio	Lower	Upper
93	100		
66	49.5	32.2	48.2#
65	28.7	16.4	24.6#



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





#7

Phenol-d6

Concen: 103.683 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

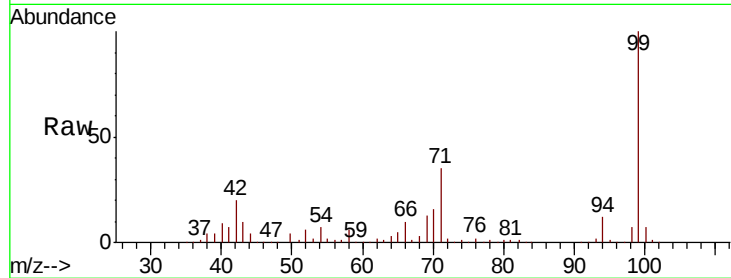
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1182100

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	34.7	25.4	38.0

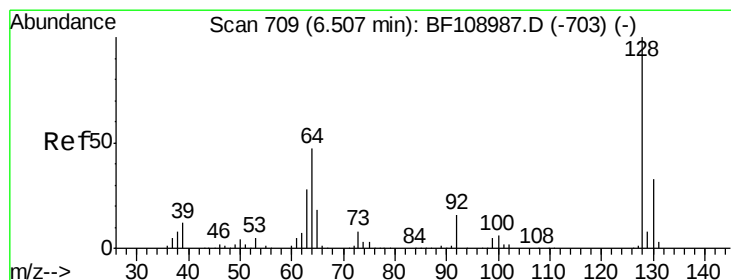
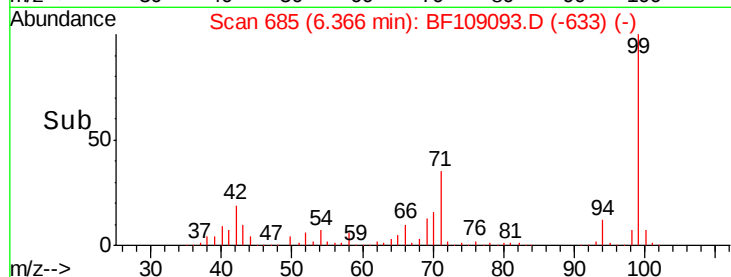
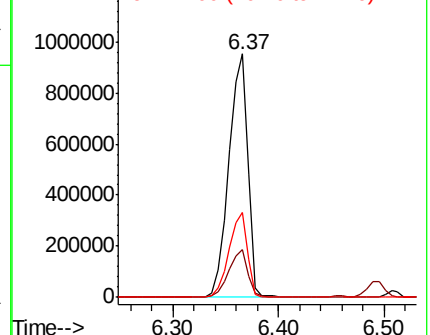


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.733 ng

RT: 6.51 min Scan# 709

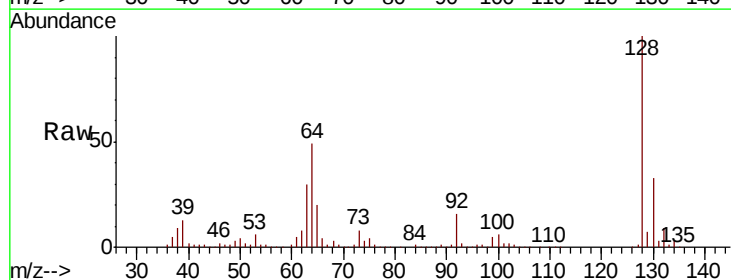
Delta R.T. 0.00 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Tgt Ion: 128 Resp: 412939

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.0	53.0
64	49.2	29.4	69.4

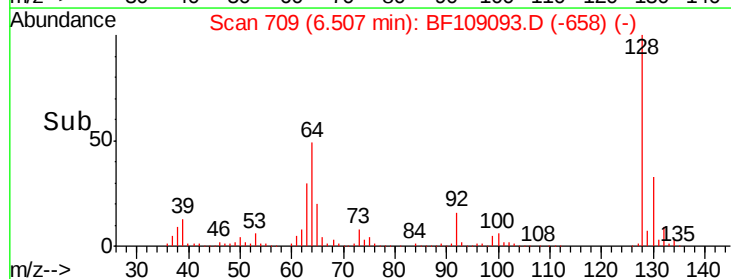
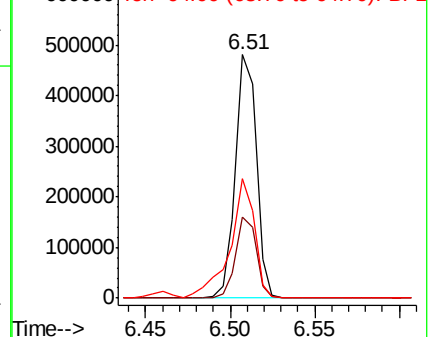


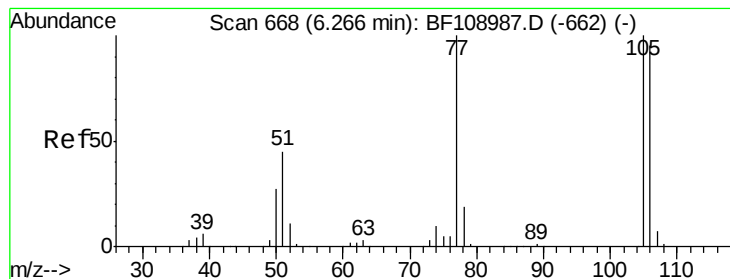
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 28.596 ng

RT: 6.27 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Instrument :

BNA_F

ClientSampleId :

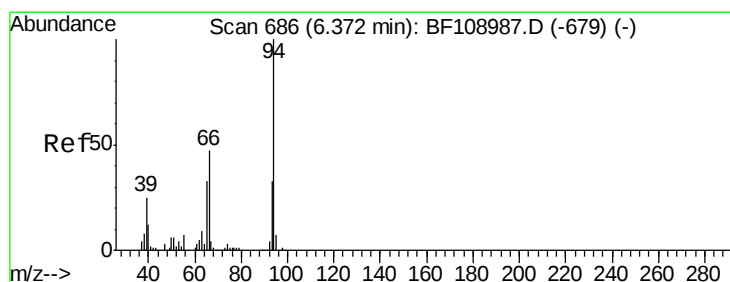
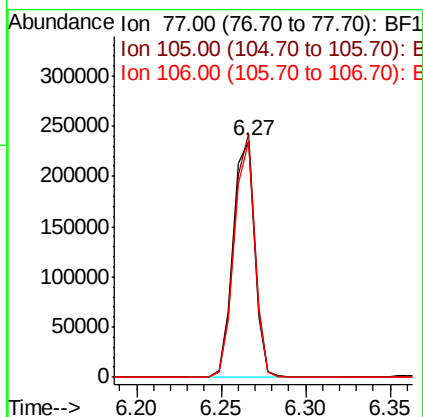
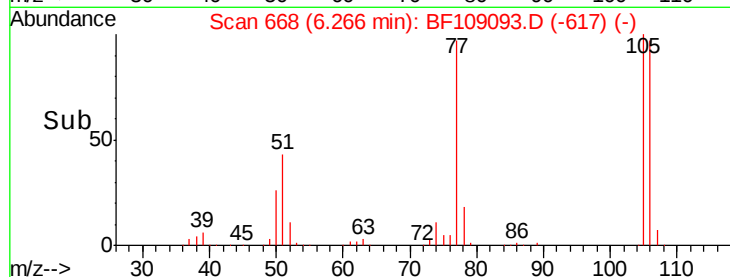
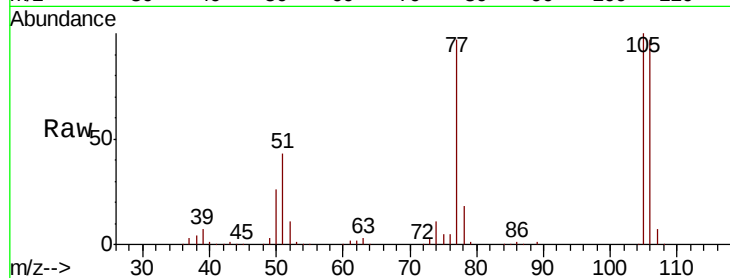
Tot Ion: 77 Resp: 208226

Ion Ratio Lower Upper

77 100

105 103.0 81.1 121.1

106 99.8 74.5 114.5



#10

Phenol

Concen: 38.628 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

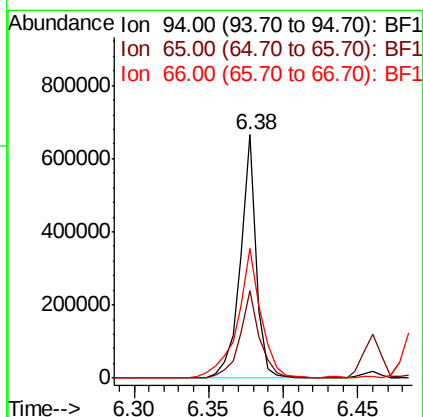
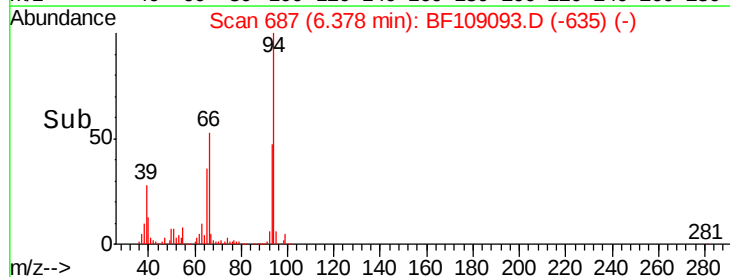
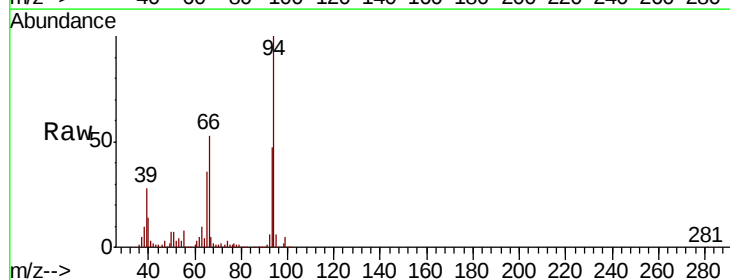
Tgt Ion: 94 Resp: 495543

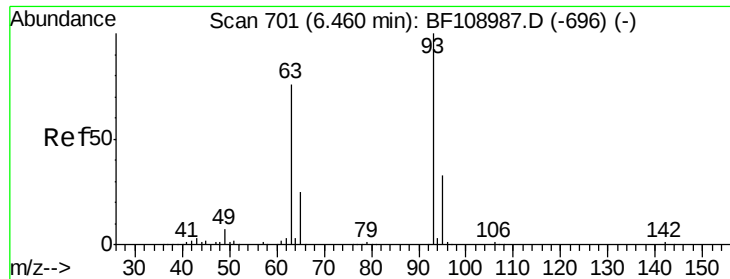
Ion Ratio Lower Upper

94 100

65 36.0 7.9 47.9

66 53.2 16.2 56.2

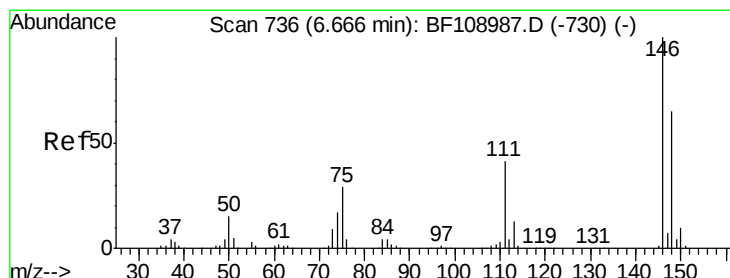
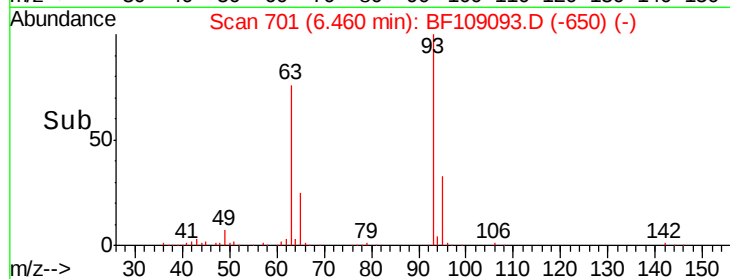
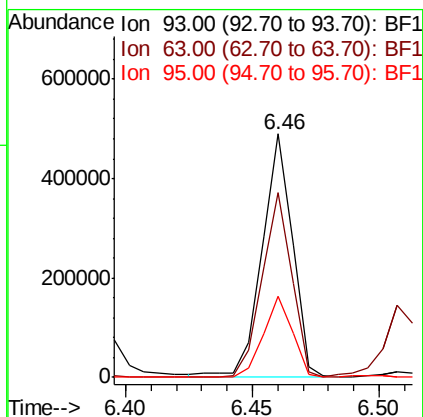
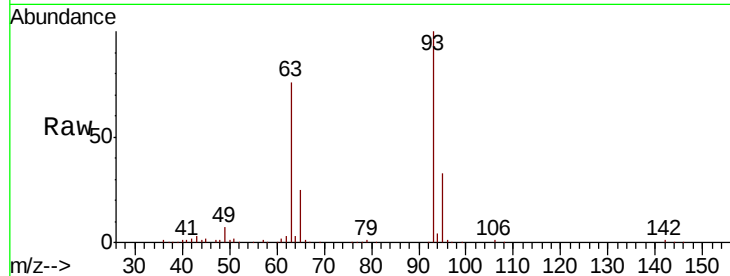




#11
 bis(2-Chloroethyl)ether
 Concen: 40.110 ng
 RT: 6.46 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

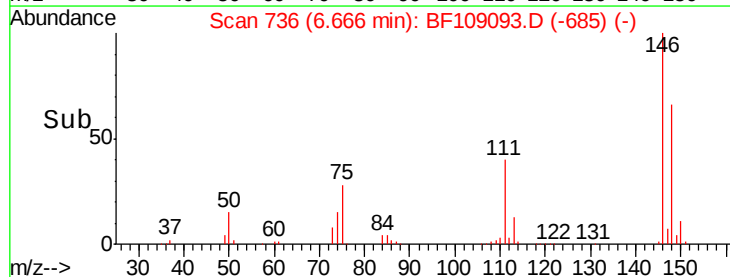
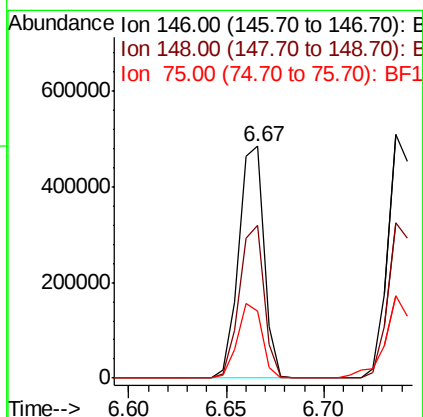
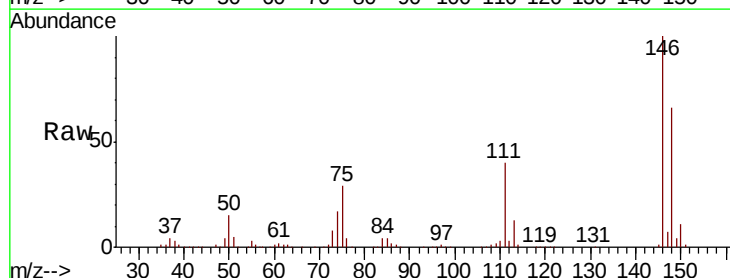
Instrument :
 BNA_F
 ClientSampleId :

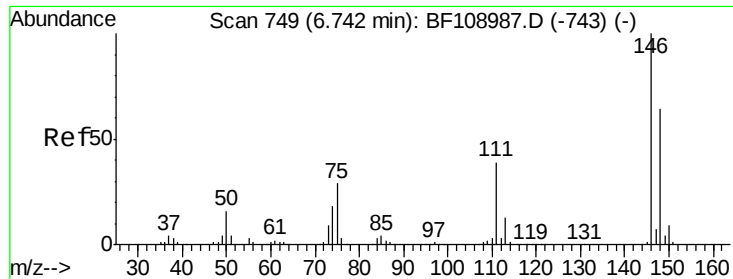
Tot Ion: 93 Resp: 404811
 Ion Ratio Lower Upper
 93 100
 63 75.9 58.6 98.6
 95 33.1 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 38.606 ng
 RT: 6.67 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion: 146 Resp: 436859
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.8 77.8
 75 28.9 24.2 36.4

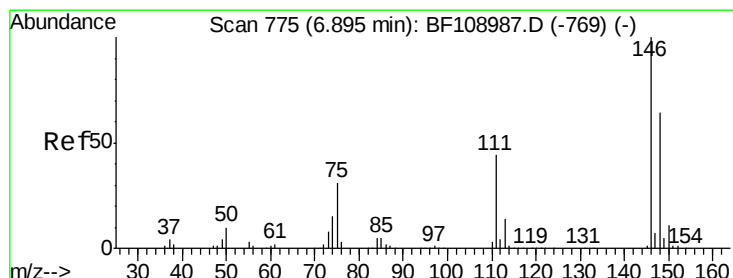
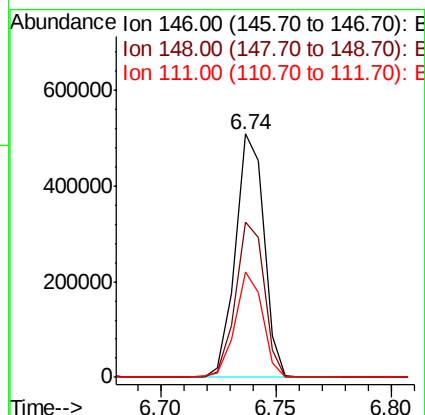
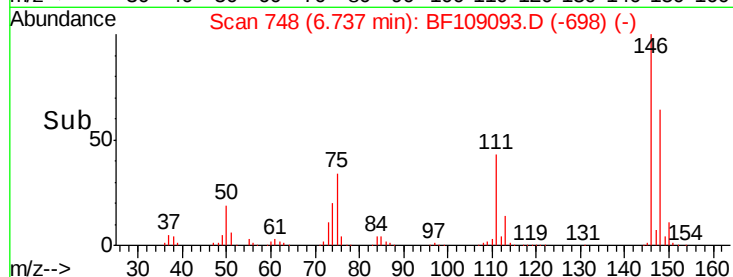
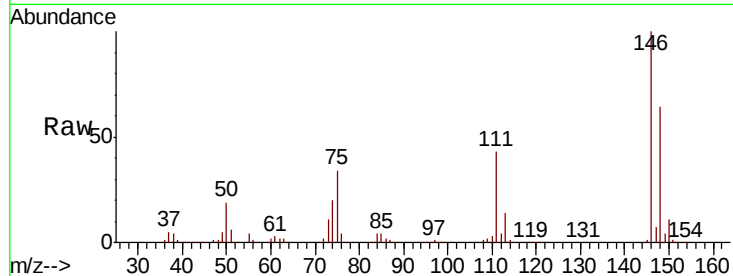




#13
 1,4-Dichlorobenzene
 Concen: 38.790 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

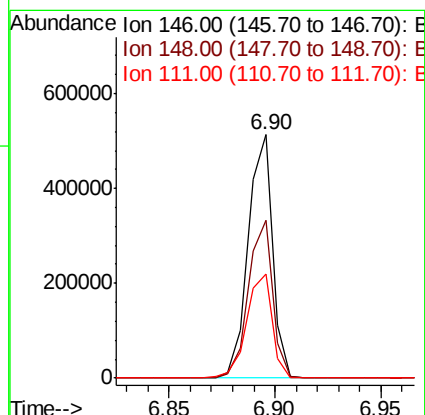
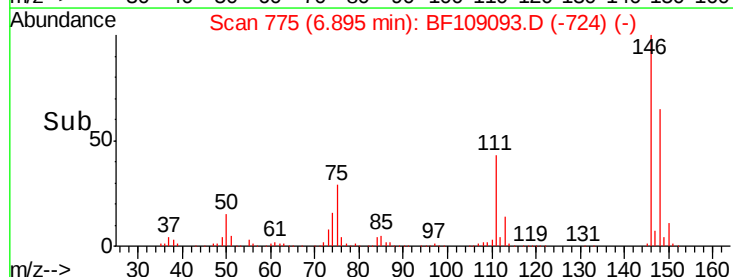
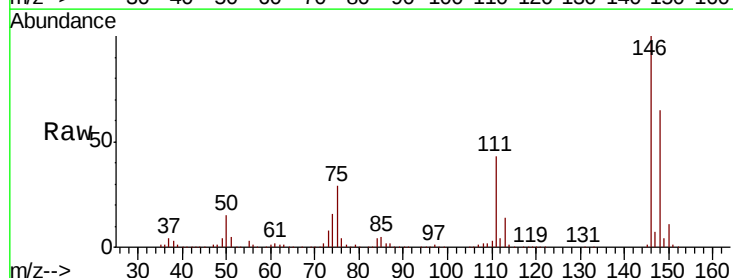
Instrument :
 BNA_F
 ClientSampleId :

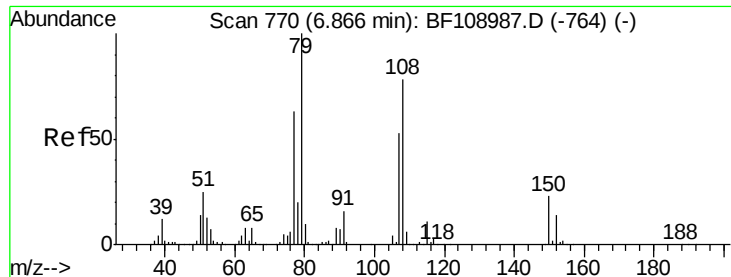
Tot Ion:146 Resp: 440348
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 43.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.119 ng
 RT: 6.90 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion:146 Resp: 411703
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.6 75.8
 111 42.7 36.0 54.0





#15

Benzyl Alcohol

Concen: 41.915 ng

RT: 6.87 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Instrument :

BNA_F

ClientSampled :

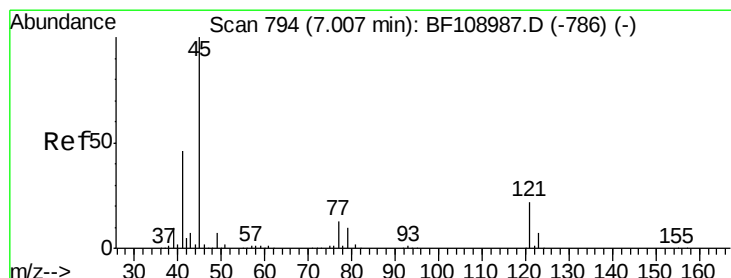
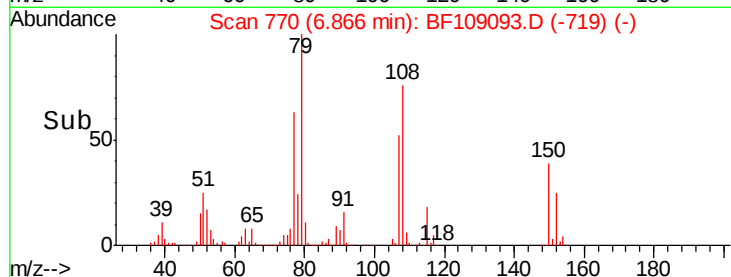
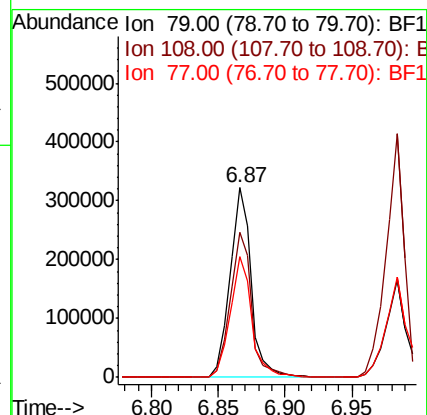
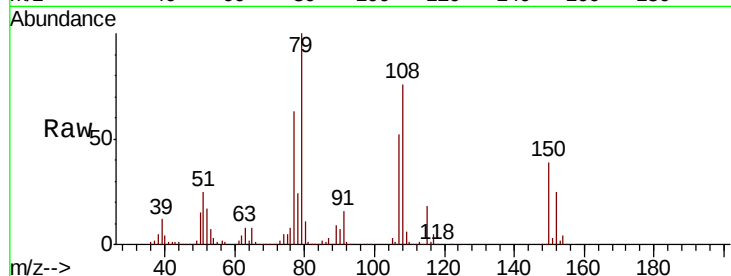
Tot Ion: 79 Resp: 362797

Ion Ratio Lower Upper

79 100

108 76.4 65.1 97.7

77 63.5 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.005 ng

RT: 7.00 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

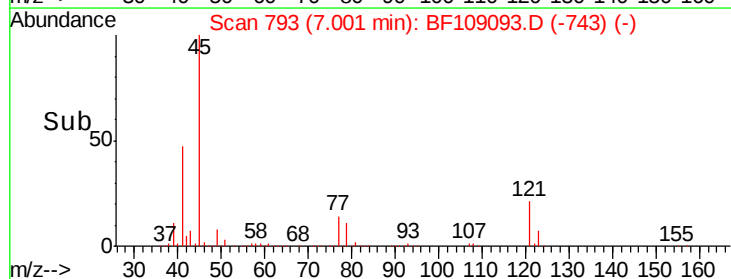
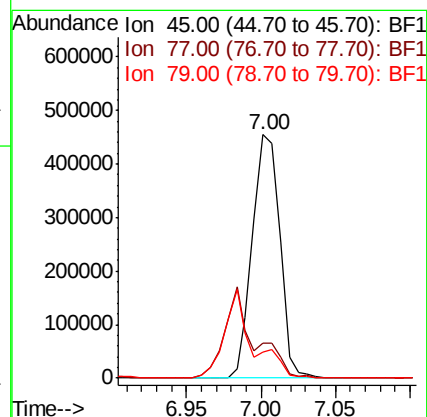
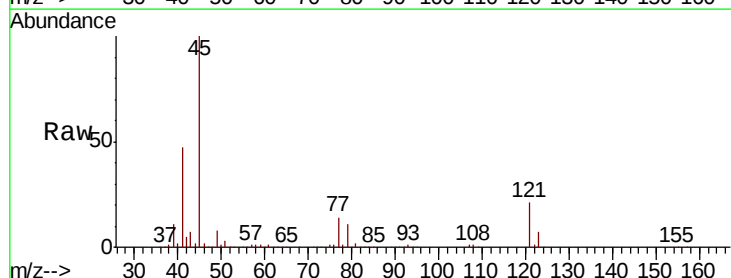
Tgt Ion: 45 Resp: 578483

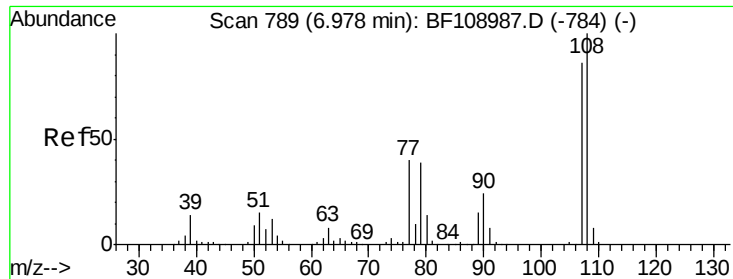
Ion Ratio Lower Upper

45 100

77 14.3 0.0 32.9

79 10.9 0.0 29.6

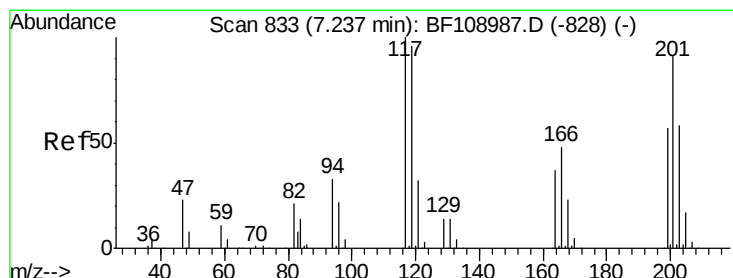
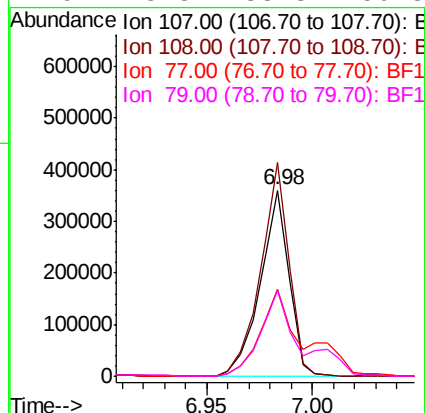
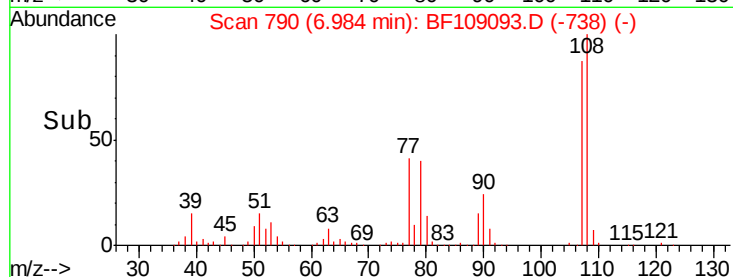
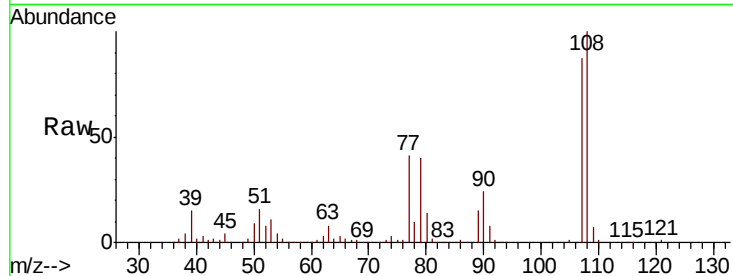




#17
2-Methylphenol
Concen: 42.193 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

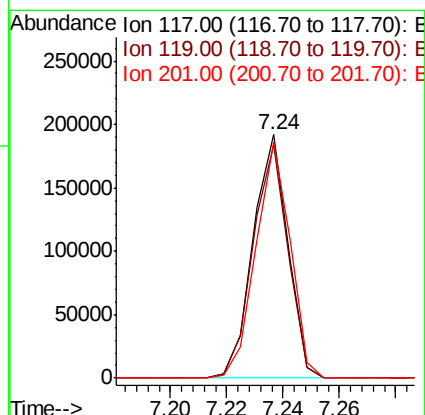
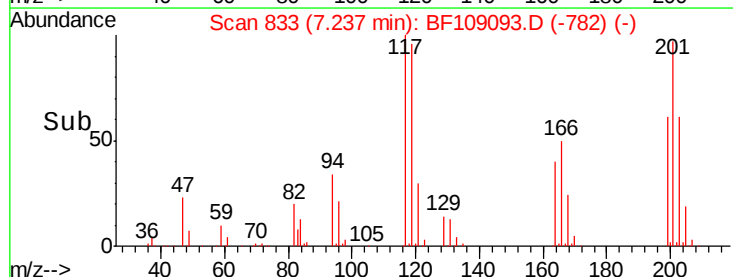
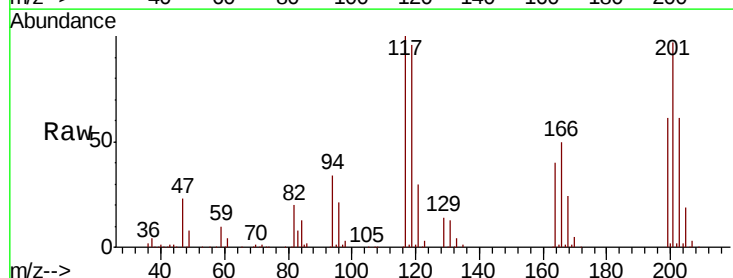
Instrument :
BNA_F
ClientSampleId :

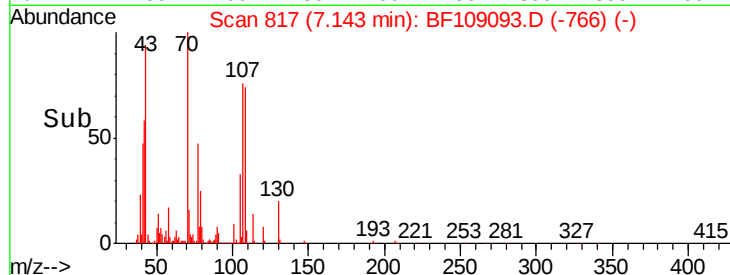
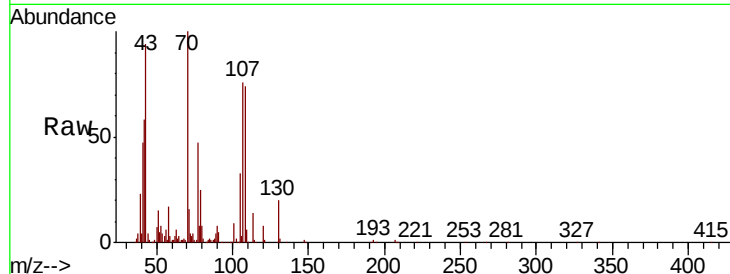
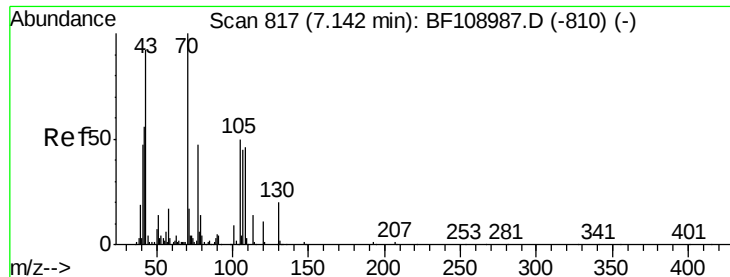
Tot Ion:107 Resp: 340616
Ion Ratio Lower Upper
107 100
108 114.7 91.7 137.5
77 47.0 33.8 50.8
79 45.8 33.8 50.8



#18
Hexachloroethane
Concen: 39.770 ng
RT: 7.24 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion:117 Resp: 163973
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.8
201 96.7 75.7 113.5

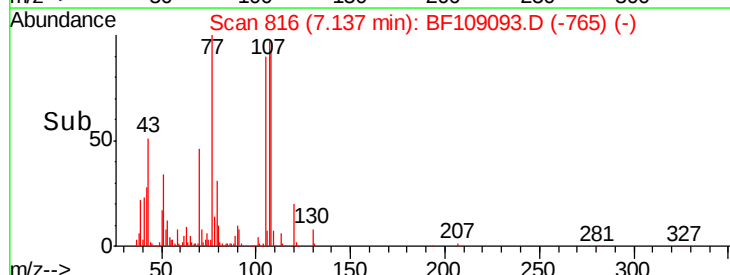
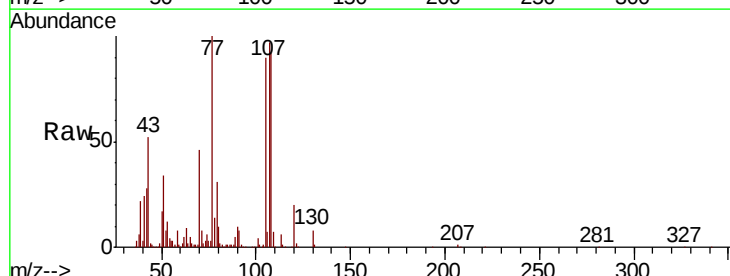
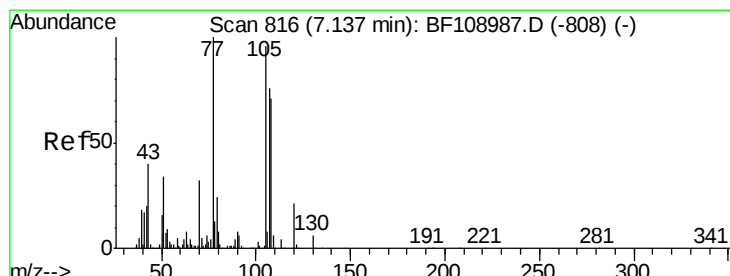
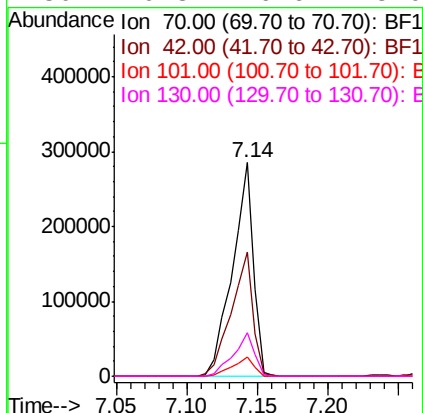




#19
n-Nitroso-di-n-propylamine
Concen: 39.044 ng
RT: 7.14 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

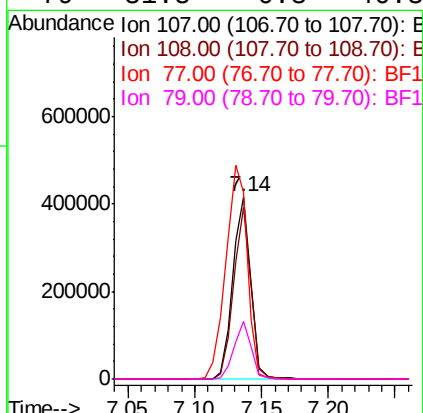
Instrument :
BNA_F
ClientSampleId :

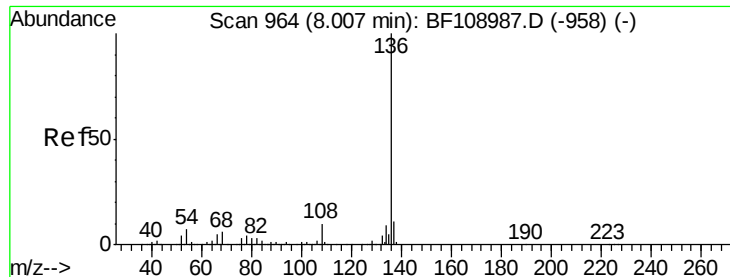
Tot Ion:	70	Resp:	294241
Ion	Ratio	Lower	Upper
70	100		
42	58.0	47.5	71.3
101	8.7	7.4	11.2
130	20.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 40.618 ng
RT: 7.14 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion:	107	Resp:	394907
Ion	Ratio	Lower	Upper
107	100		
108	94.2	68.2	108.2
77	102.7	26.7	66.7#
79	31.8	6.3	46.3

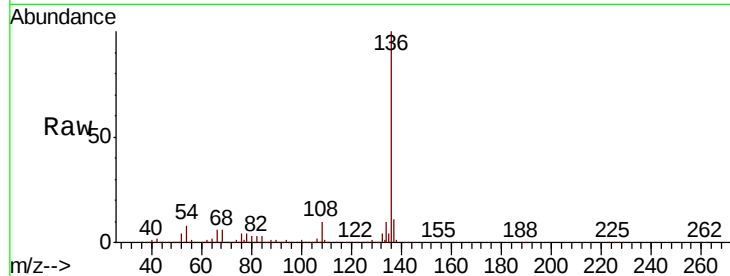




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 608514
Ion Ratio	Lower Upper
136 100	
137 11.3	8.9 13.3
54 7.7	6.6 9.8
68 6.2	5.0 7.4



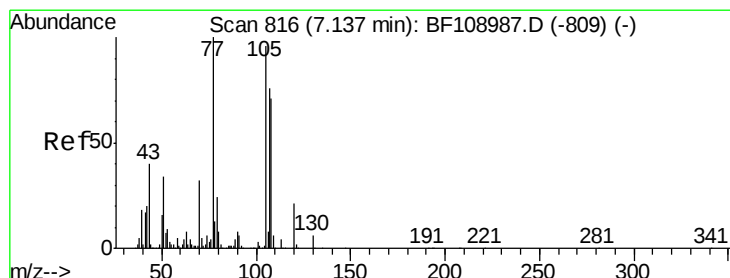
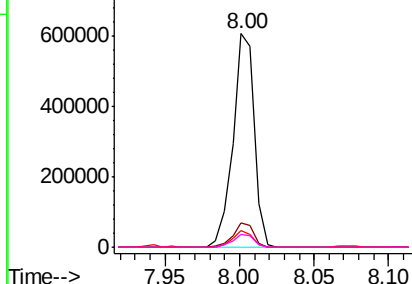
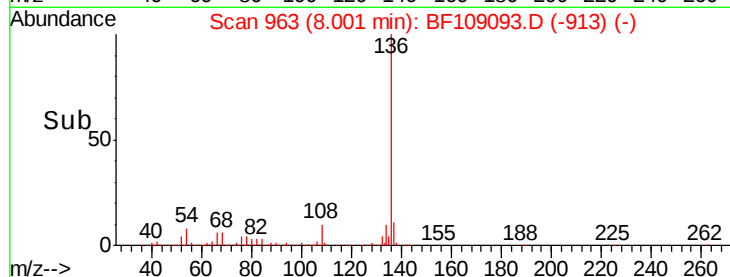
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

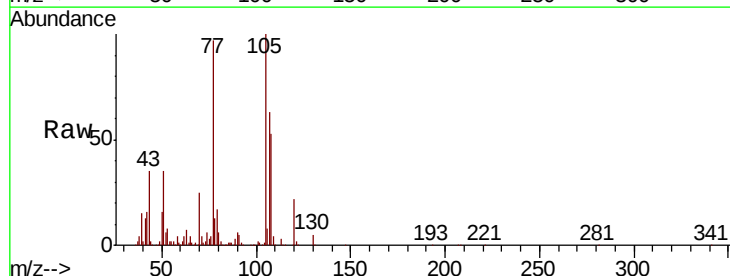
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.293 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt	Ion:105	Resp:	556820
Ion	Ratio	Lower	Upper
105	100		
71	4.1	4.4	6.6#
51	34.7	22.3	33.5#
120	21.5	16.9	25.3



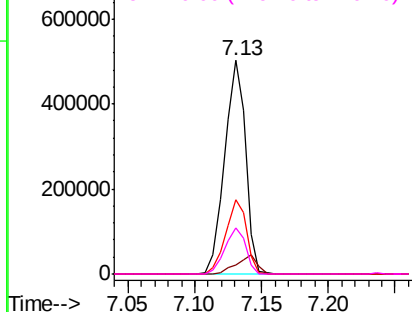
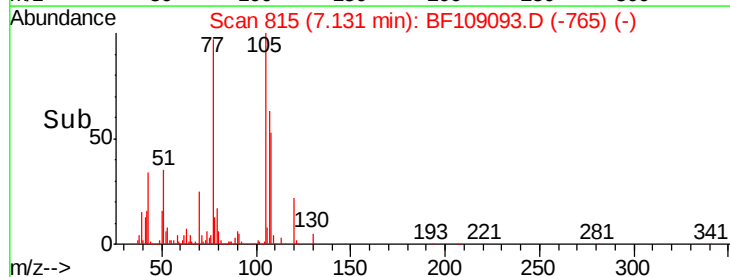
Abundance

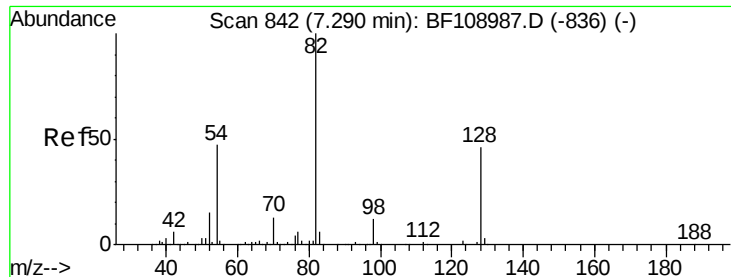
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

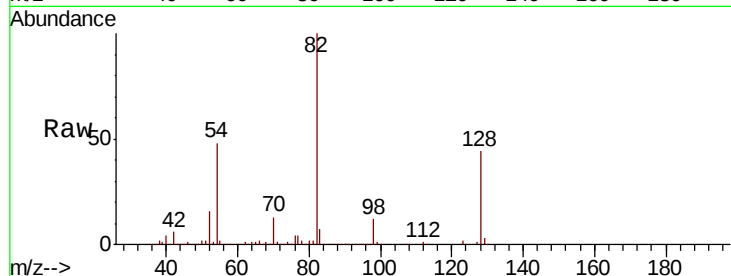




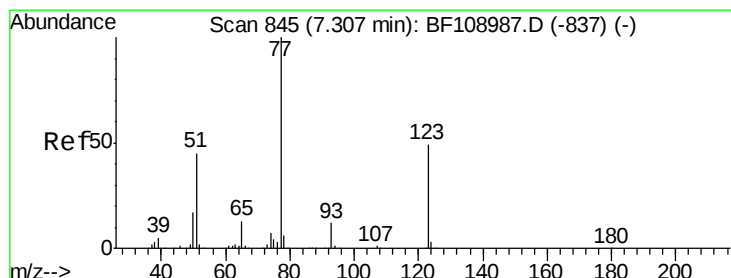
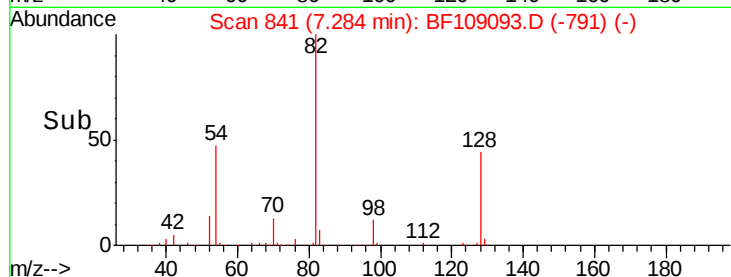
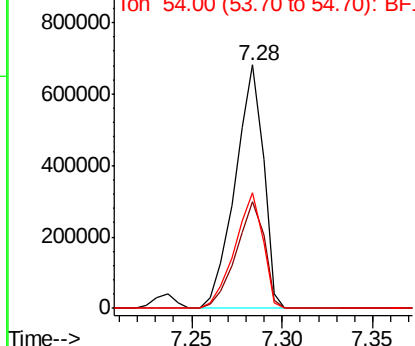
#23
 Nitrobenzene-d5
 Concen: 68.283 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 740819
 Ion Ratio Lower Upper
 82 100
 128 43.9 36.1 54.1
 54 47.7 41.4 62.2

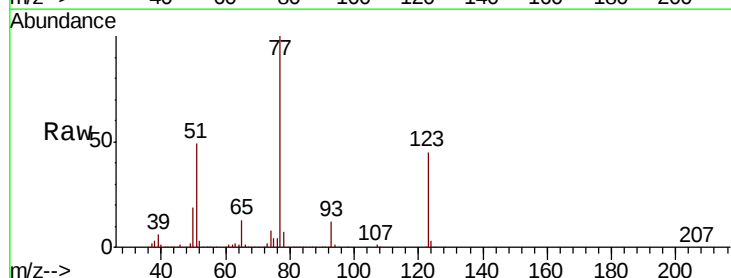


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

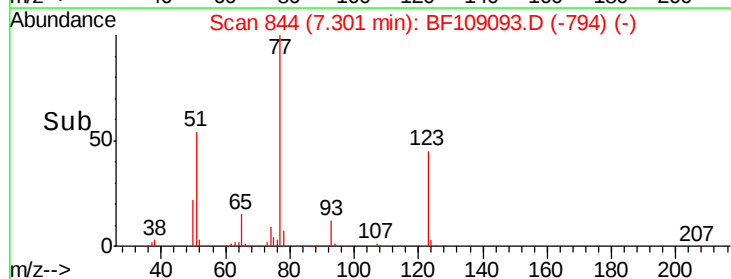
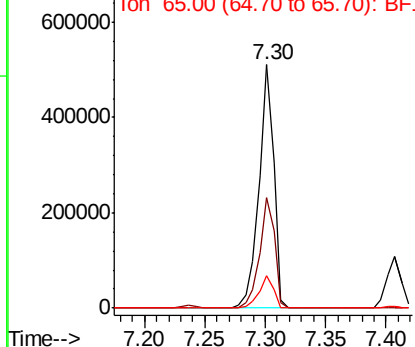


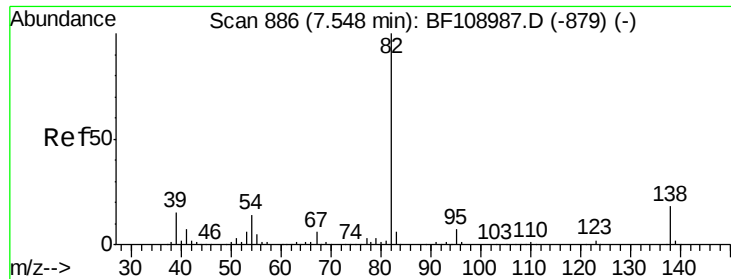
#24
 Nitrobenzene
 Concen: 39.461 ng
 RT: 7.30 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion: 77 Resp: 441405
 Ion Ratio Lower Upper
 77 100
 123 45.2 37.9 56.9
 65 13.4 11.0 16.4



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





#25

Isophorone

Concen: 43.703 ng

RT: 7.55 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Instrument :

BNA_F

ClientSampled :

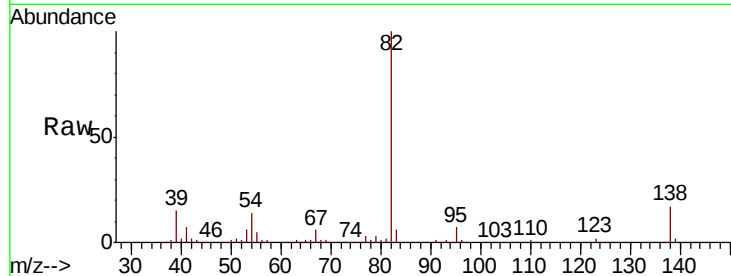
Tot Ion: 82 Resp: 815029

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

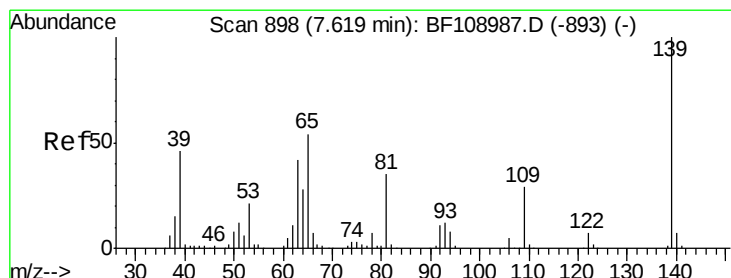
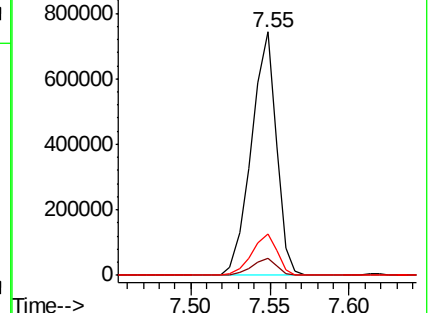
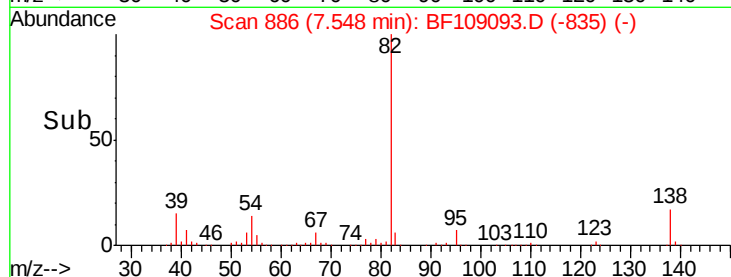
138 17.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.134 ng

RT: 7.62 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

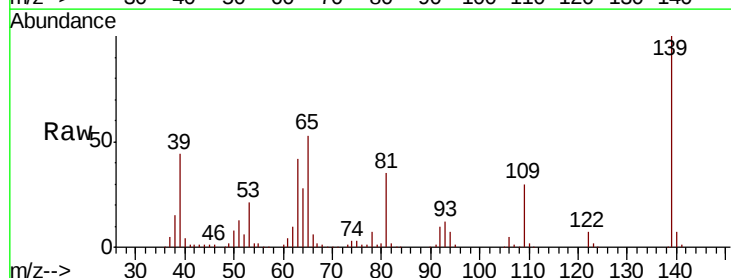
Tgt Ion: 139 Resp: 209623

Ion Ratio Lower Upper

139 100

109 29.9 22.7 34.1

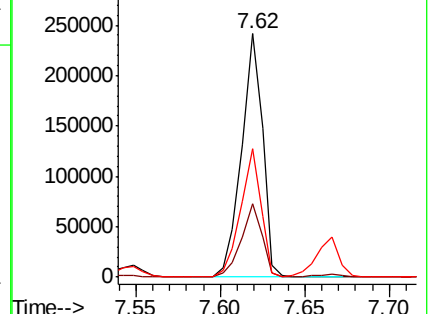
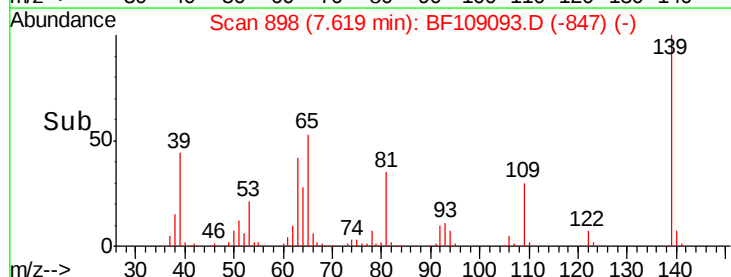
65 52.6 40.5 60.7

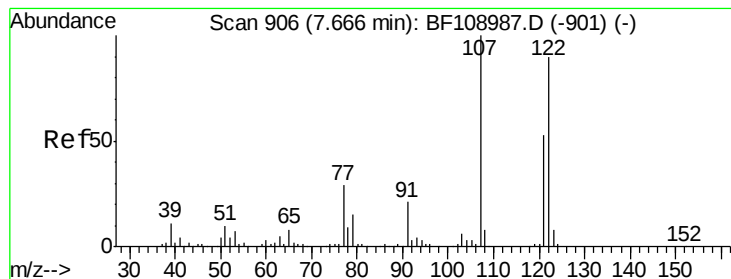


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

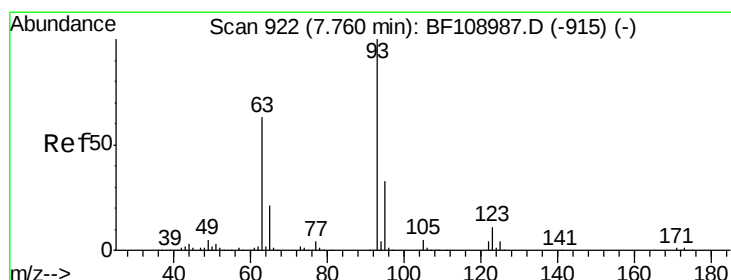
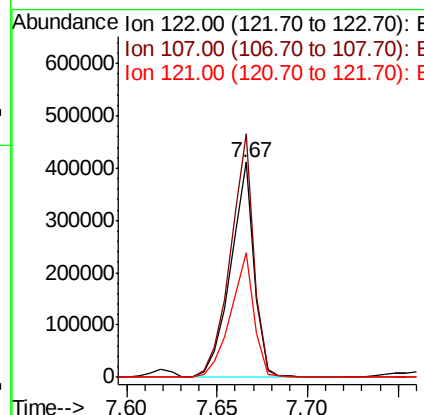
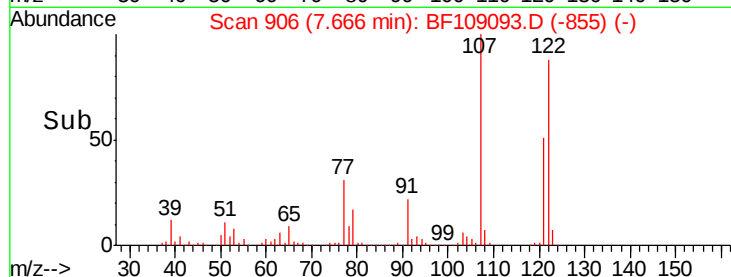
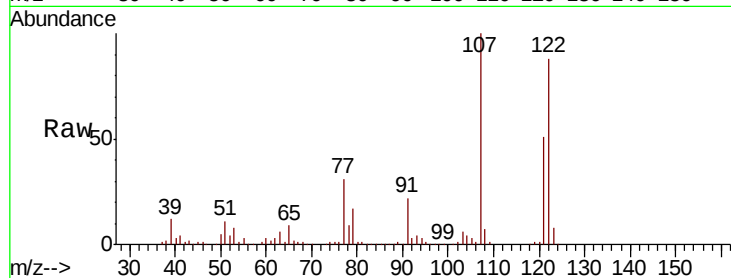




#27
 2,4-Dimethylphenol
 Concen: 45.260 ng
 RT: 7.67 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

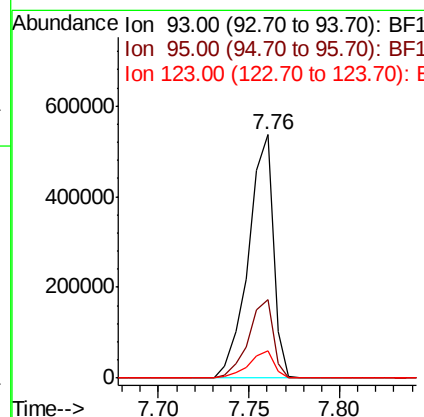
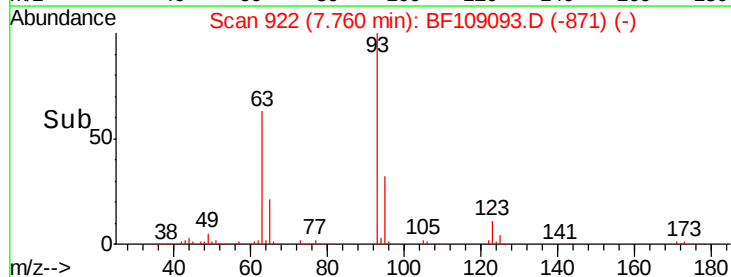
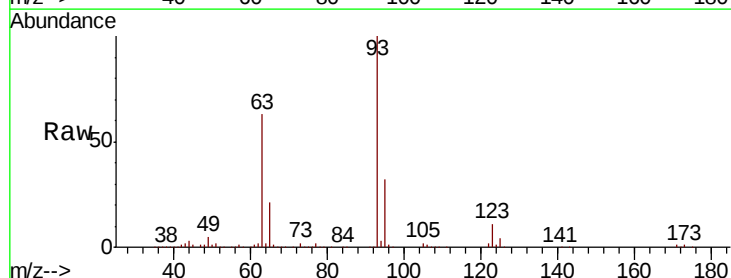
Instrument :
 BNA_F
 ClientSampleId :

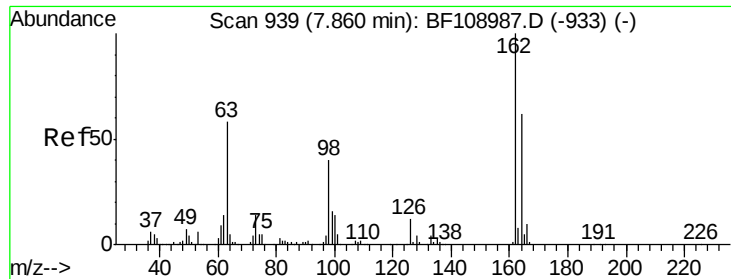
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.3	91.2	136.8
121	58.1	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.851 ng
 RT: 7.76 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.3	39.5
123	11.5	9.8	14.6

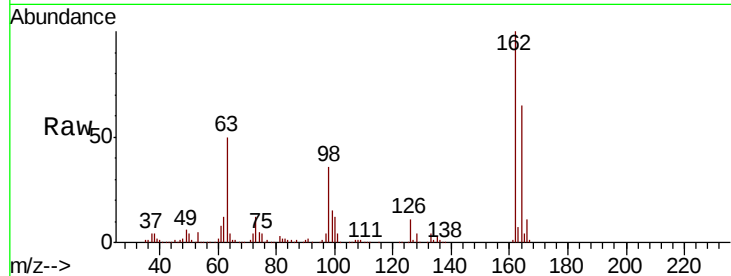




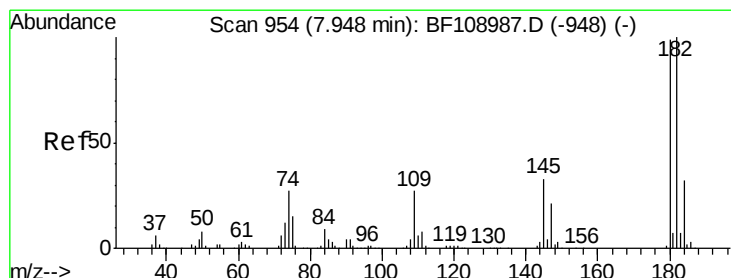
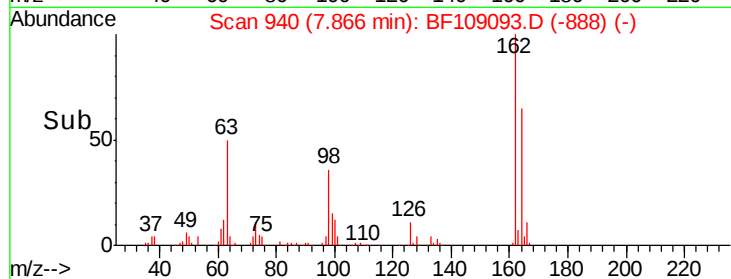
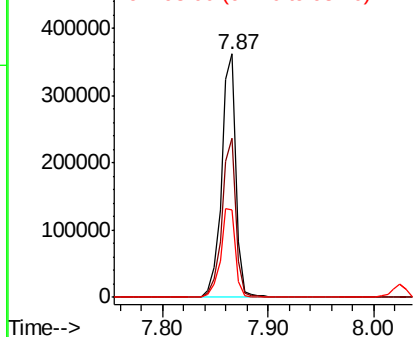
#29
2,4-Dichlorophenol
Concen: 39.572 ng
RT: 7.87 min Scan# 940
Delta R.T. 0.01 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	42.7	82.7
98	36.1	18.1	58.1

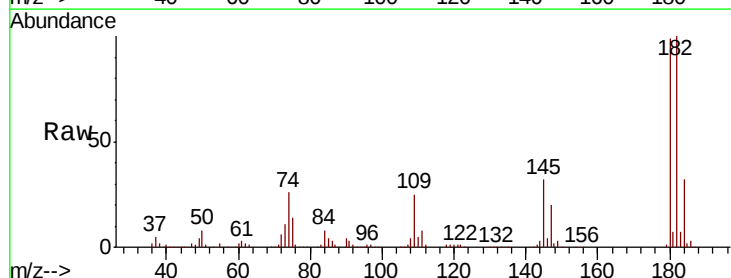


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

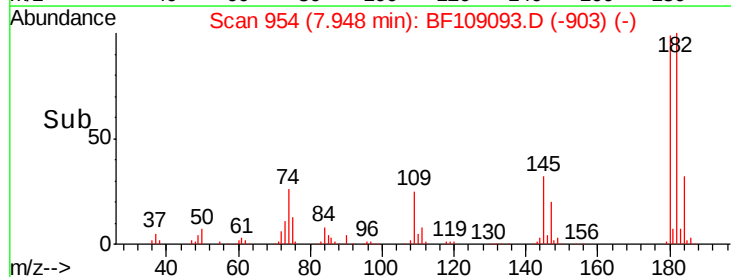
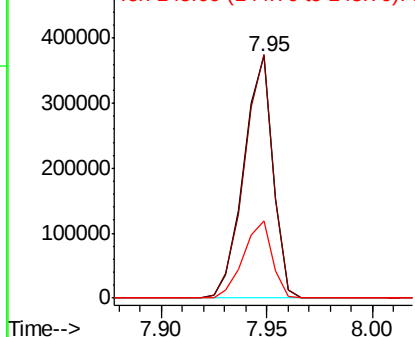


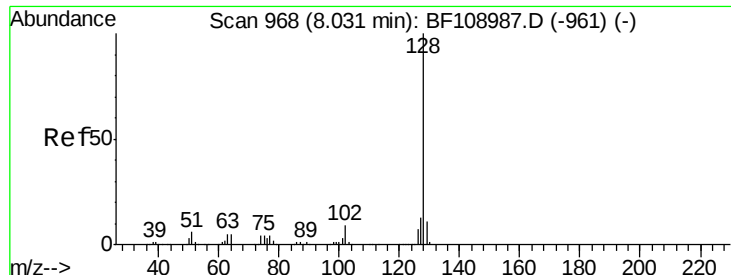
#30
1,2,4-Trichlorobenzene
Concen: 37.833 ng
RT: 7.95 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.6	76.8	115.2
145	31.7	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

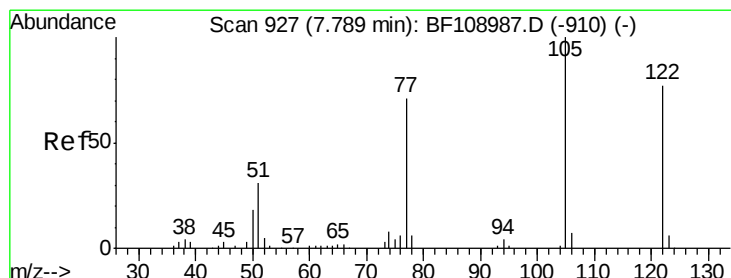
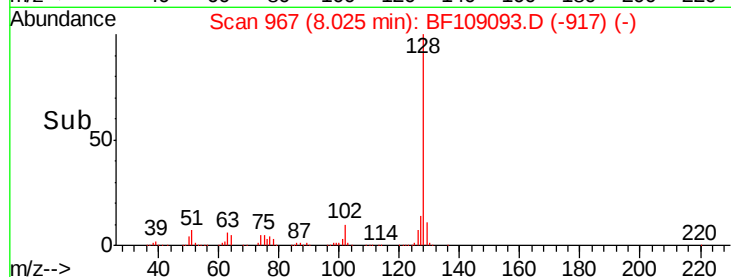
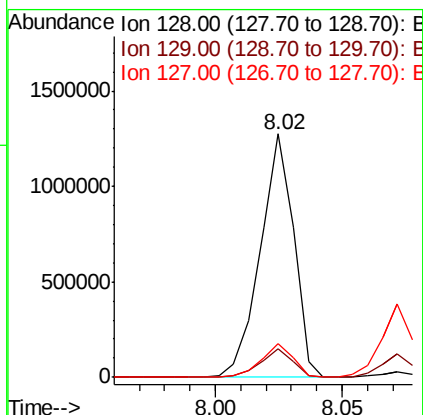
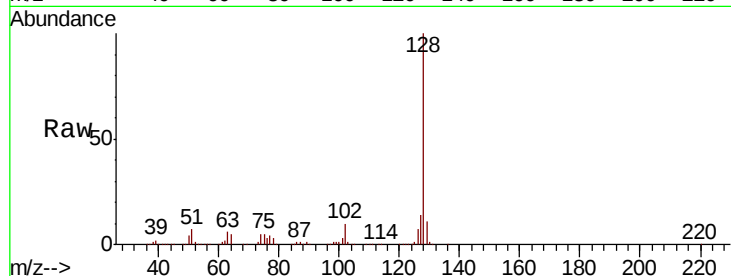




#31
Naphthalene
Concen: 41.277 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

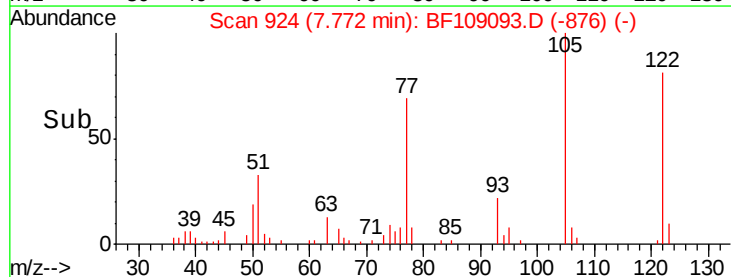
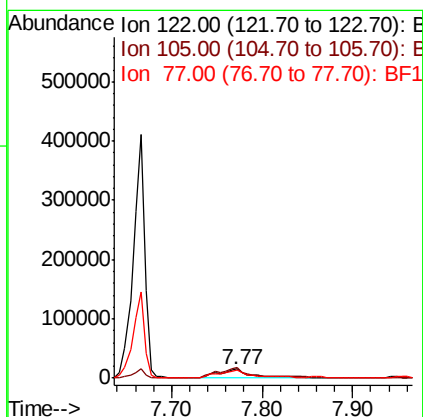
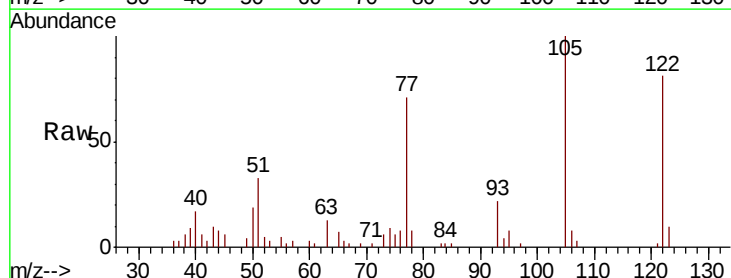
Instrument :
BNA_F
ClientSampleId :

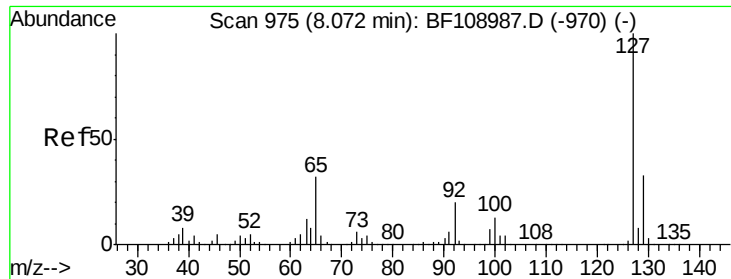
Tot Ion:128 Resp: 1165815
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 6.717 ng
RT: 7.77 min Scan# 924
Delta R.T. -0.02 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion:122 Resp: 35958
Ion Ratio Lower Upper
122 100
105 124.0 101.1 141.1
77 88.5 70.7 110.7

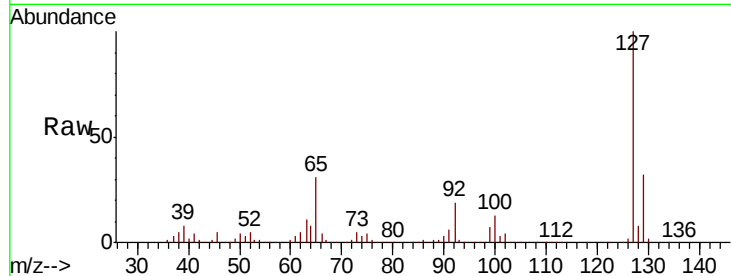




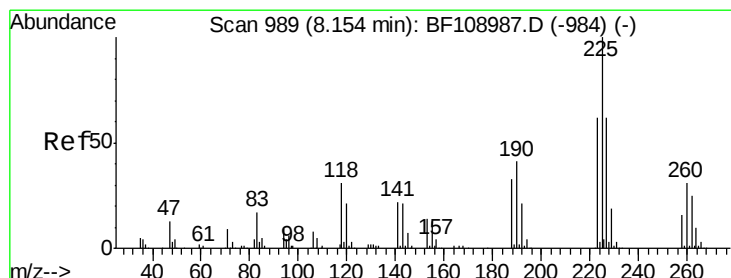
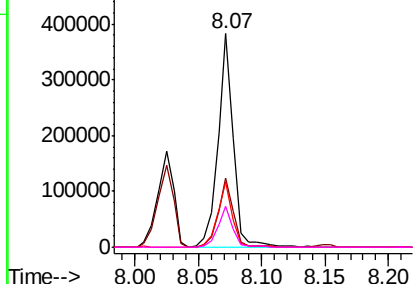
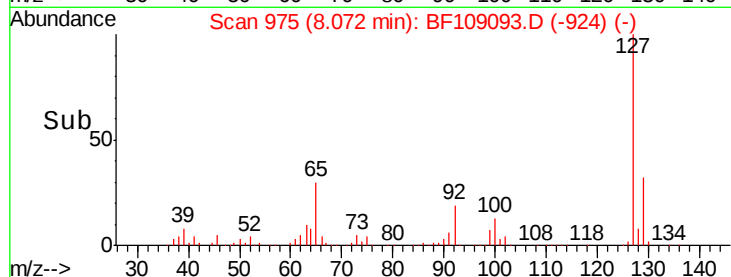
#33
4-Chloroaniline
Concen: 26.113 ng
RT: 8.07 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	327920
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	30.7	25.0	37.4
92	19.4	15.2	22.8

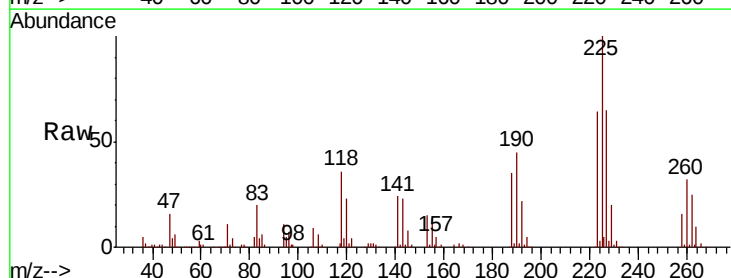


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

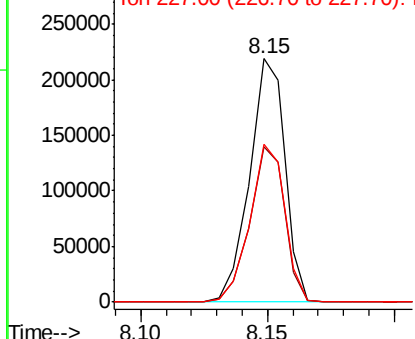
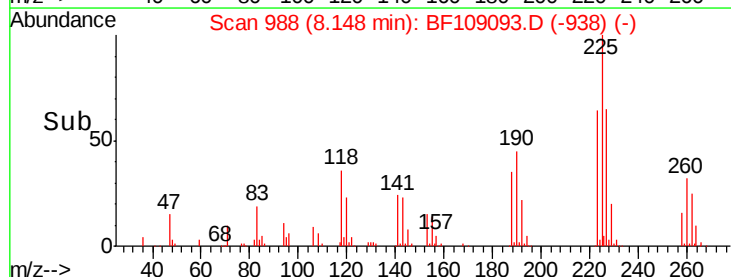


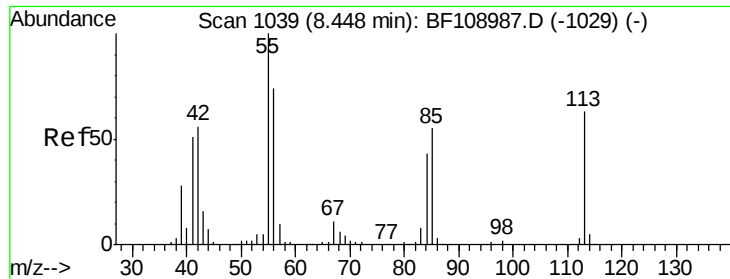
#34
Hexachlorobutadiene
Concen: 37.002 ng
RT: 8.15 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion:	225	Resp:	213195
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	76.0
227	65.0	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 12.255 ng

RT: 8.49 min Scan# 1046

Delta R.T. 0.04 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Instrument :

BNA_F

ClientSampled :

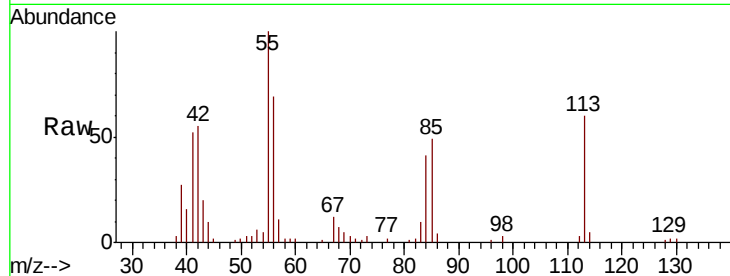
Tot Ion:113 Resp: 34884

Ion Ratio Lower Upper

113 100

55 168.0 163.3 203.3

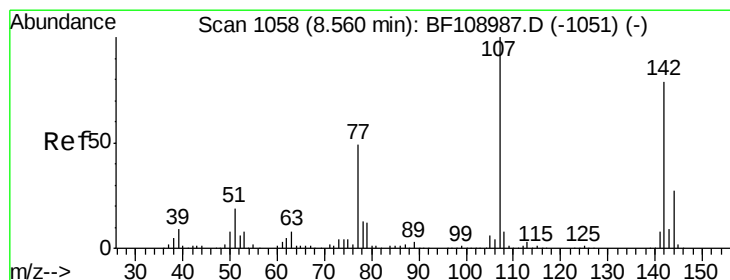
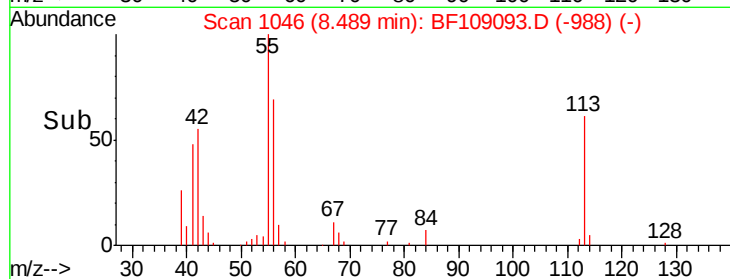
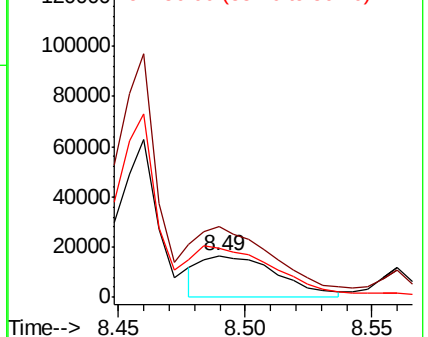
56 115.8 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.082 ng

RT: 8.56 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

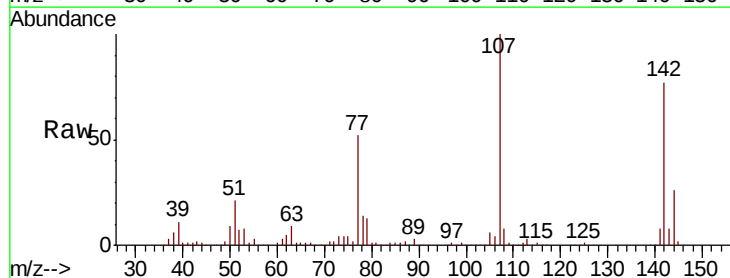
Tgt Ion:107 Resp: 359197

Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

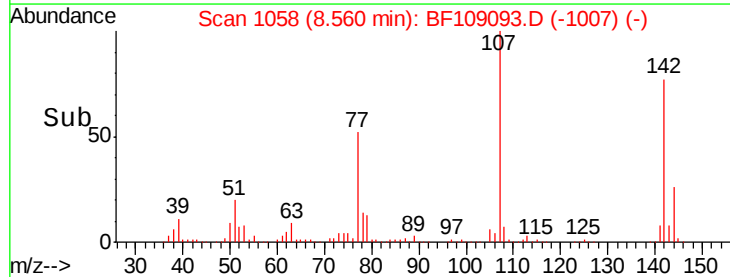
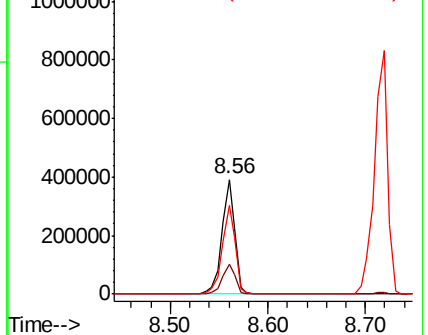
142 77.1 62.0 93.0

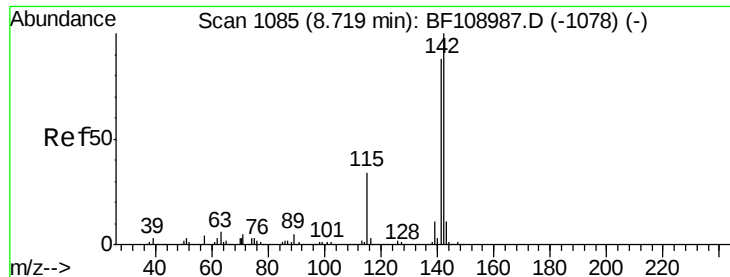


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

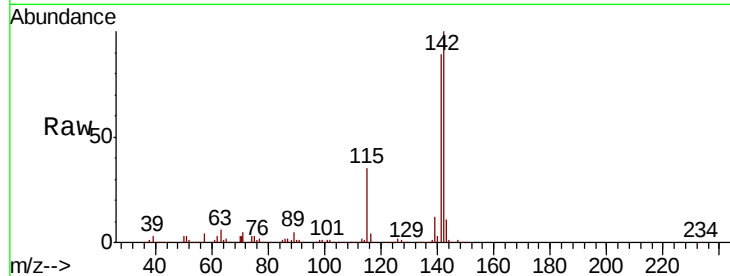




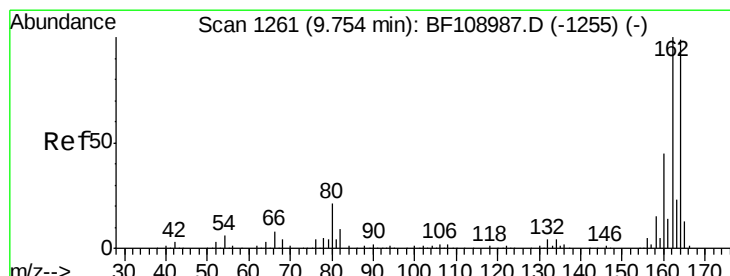
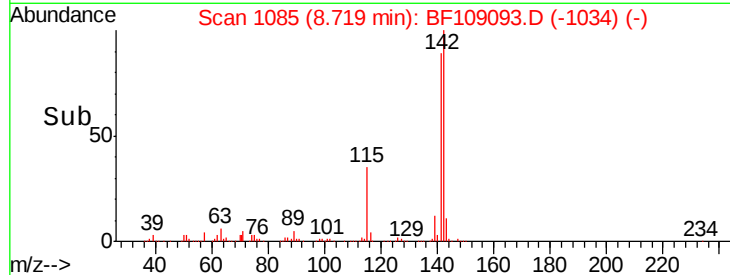
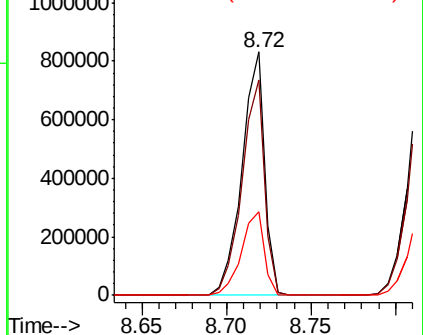
#37
 2-Methylnaphthalene
 Concen: 42.472 ng
 RT: 8.72 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 781939
 Ion Ratio Lower Upper
 142 100
 141 88.6 70.8 106.2
 115 34.6 26.1 39.1

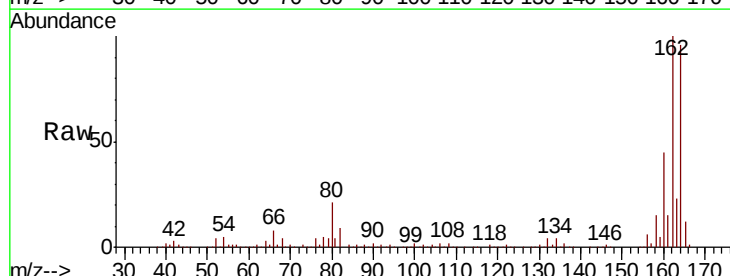


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

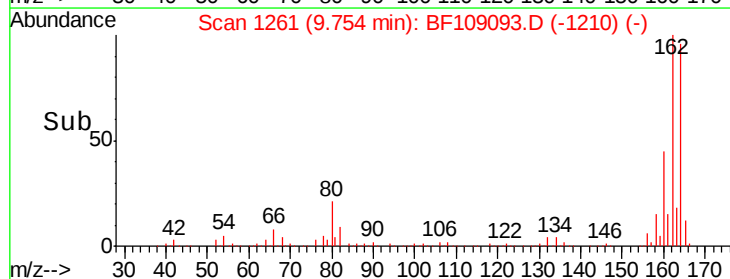
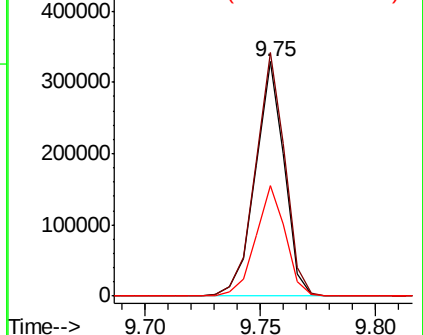


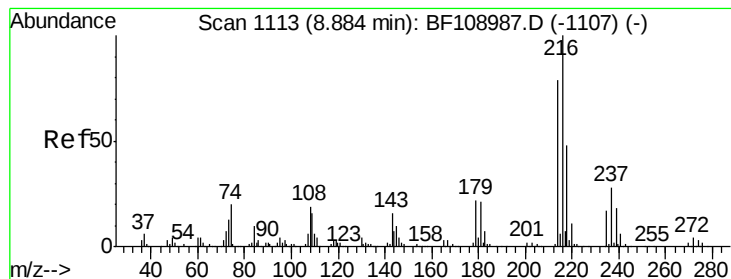
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion:164 Resp: 287320
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 47.1 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.001 ng

RT: 8.89 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 334606

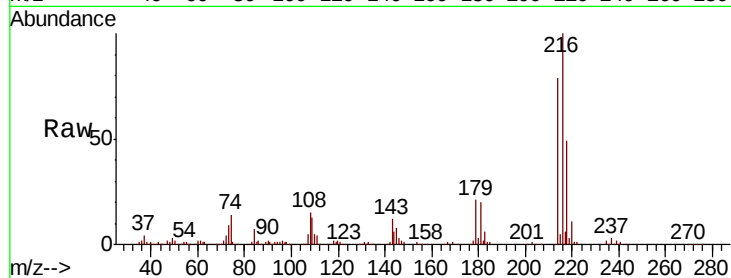
Ion Ratio Lower Upper

216 100

214 80.4 63.0 94.4

179 21.3 18.1 27.1

108 21.6 17.2 25.8

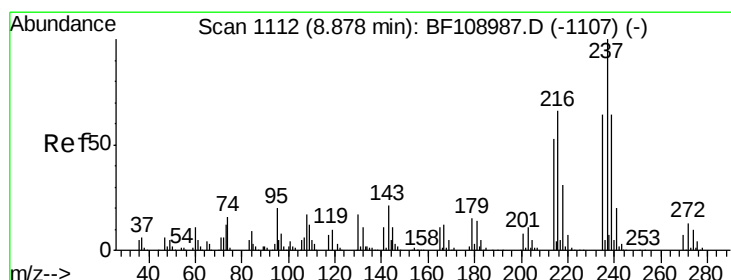
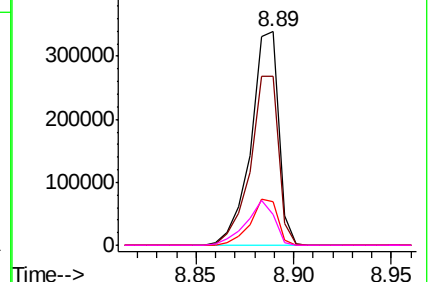
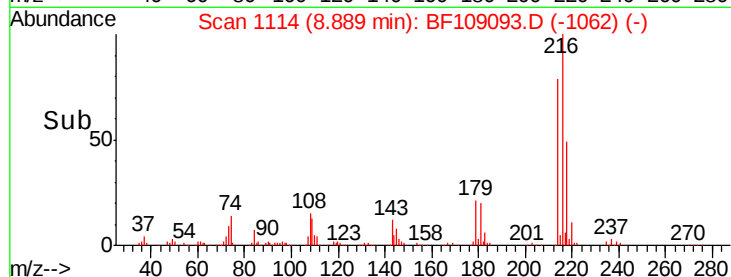


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 78.857 ng

RT: 8.88 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

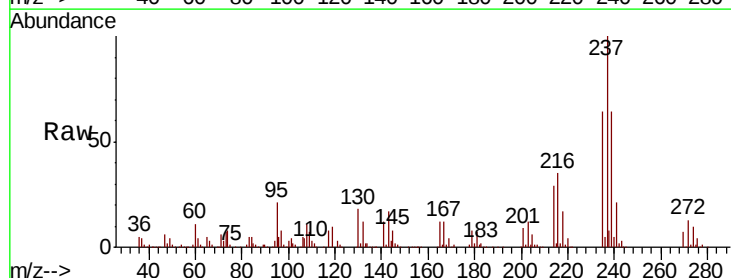
Tgt Ion:237 Resp: 359295

Ion Ratio Lower Upper

237 100

235 64.4 44.8 84.8

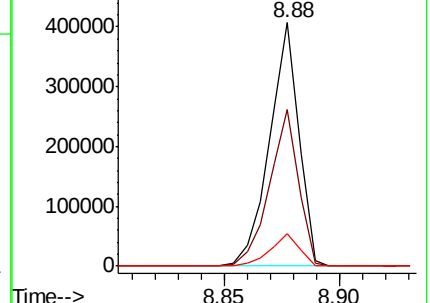
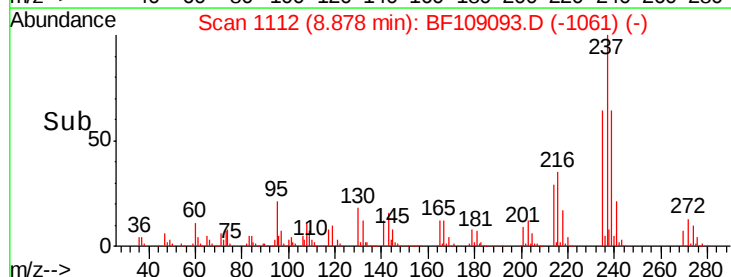
272 13.2 0.0 33.3

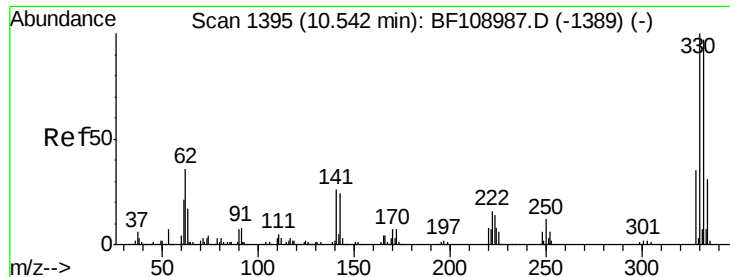


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

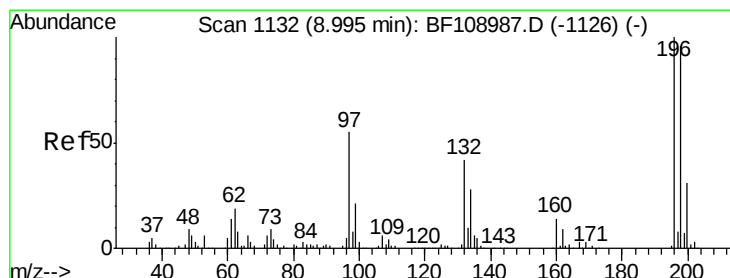
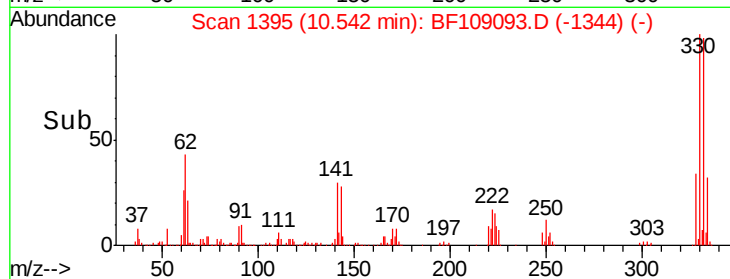
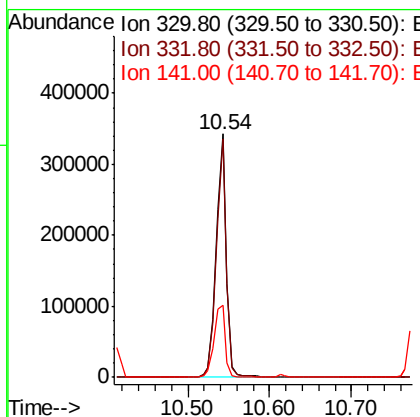
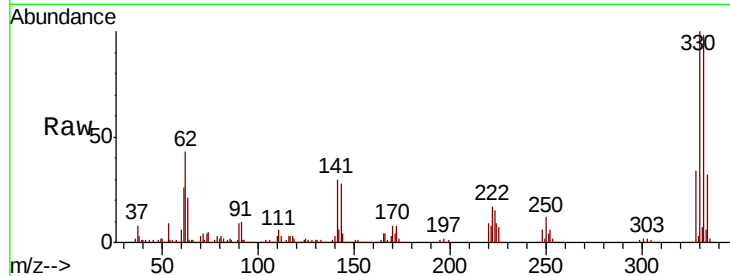




#41
 2,4,6-Tribromophenol
 Concen: 95.950 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

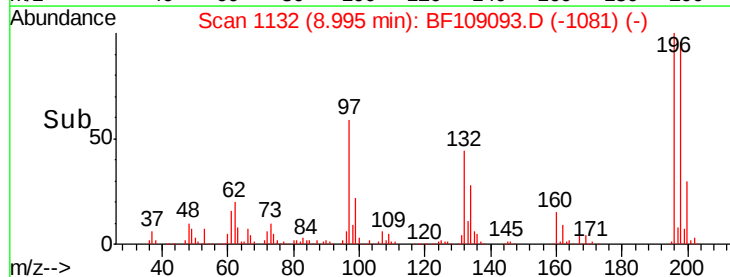
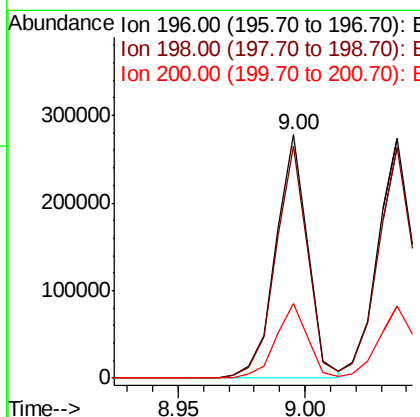
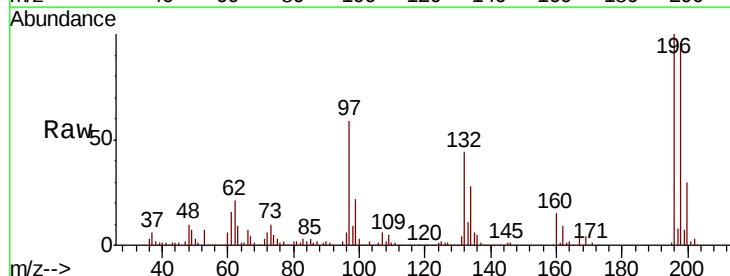
Instrument :
 BNA_F
 ClientSampleId :

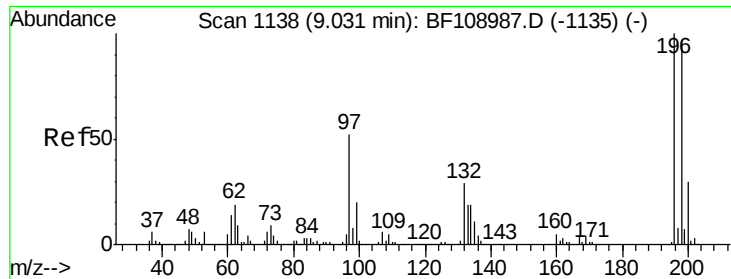
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	33.0	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 40.479 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.7	113.5
200	30.5	24.5	36.7

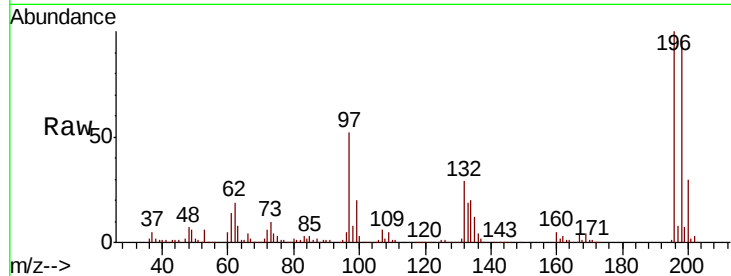




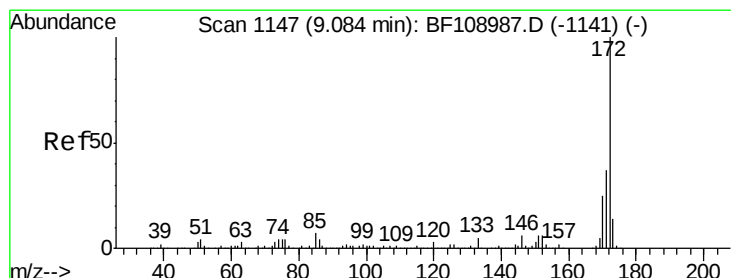
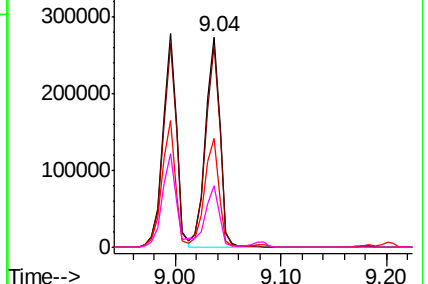
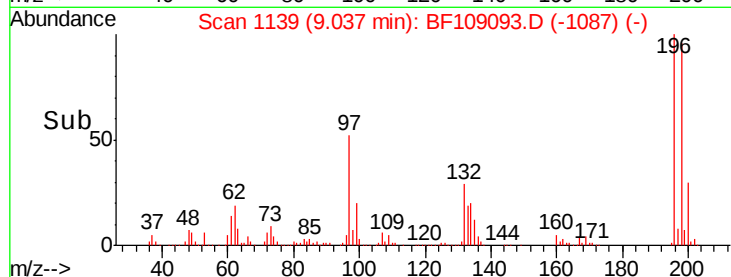
#43
 2,4,5-Trichlorophenol
 Concen: 41.000 ng
 RT: 9.04 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	260428
Ion	Ratio	Lower	Upper
196	100		
198	96.1	74.6	112.0
97	52.0	42.9	64.3
132	29.4	26.3	39.5

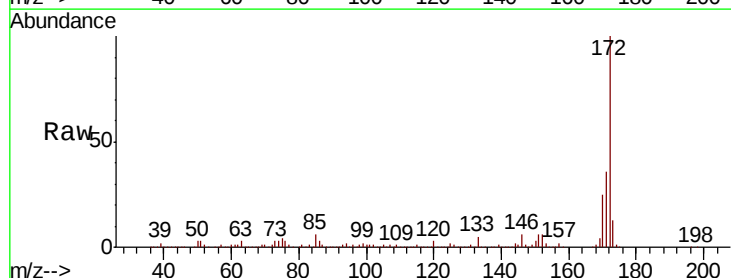


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

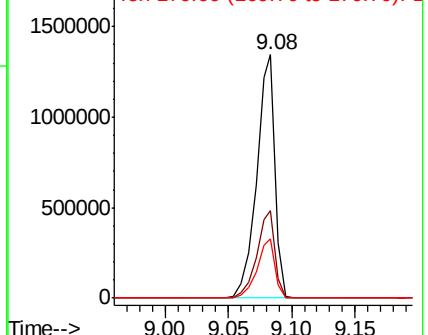
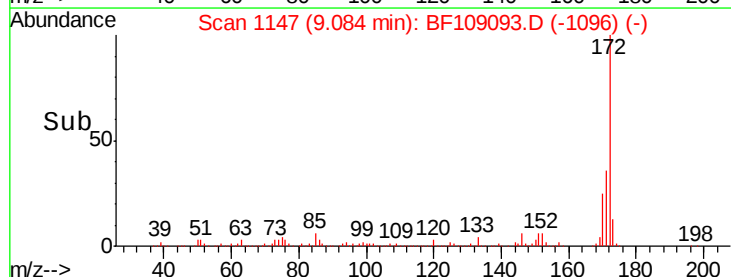


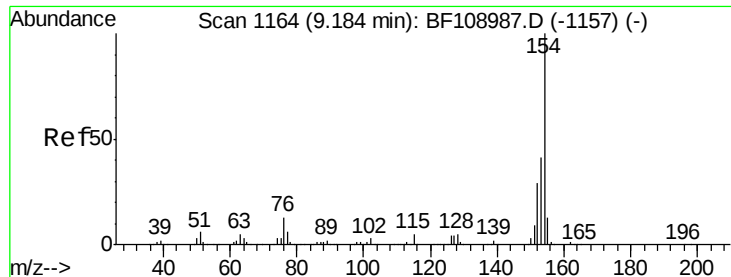
#44
 2-Fluorobiphenyl
 Concen: 74.010 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion:	172	Resp:	1357261
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.6	19.6	29.4



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: 40.053 ng

RT: 9.18 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Instrument :

BNA_F

ClientSampled :

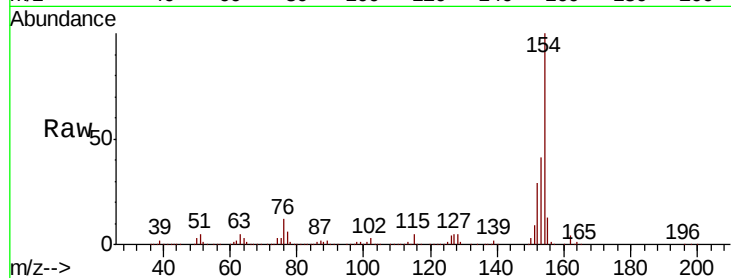
Tot Ion:154 Resp: 920690

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

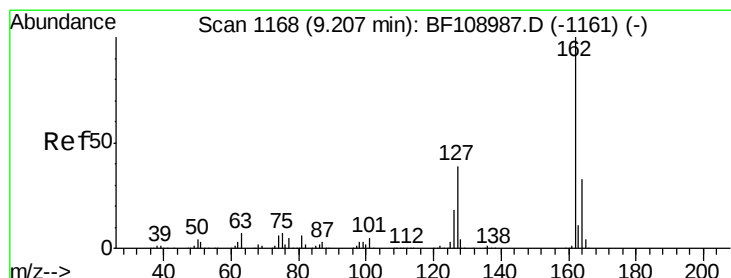
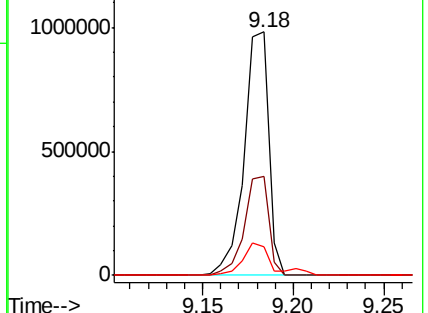
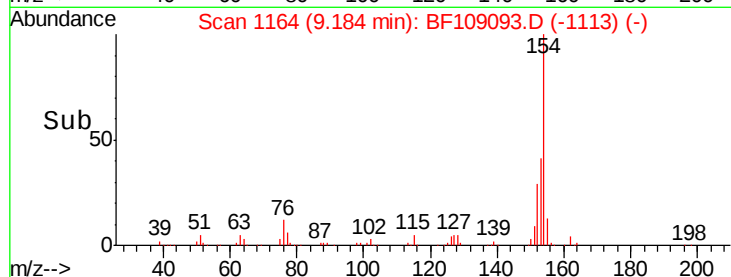
76 11.9 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 39.438 ng

RT: 9.20 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

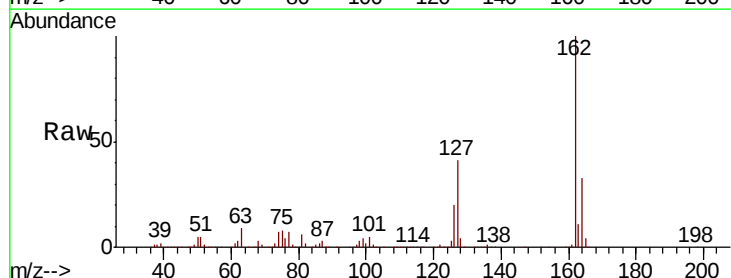
Tgt Ion:162 Resp: 726012

Ion Ratio Lower Upper

162 100

127 40.8 33.9 50.9

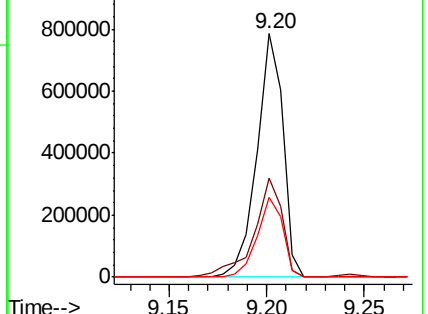
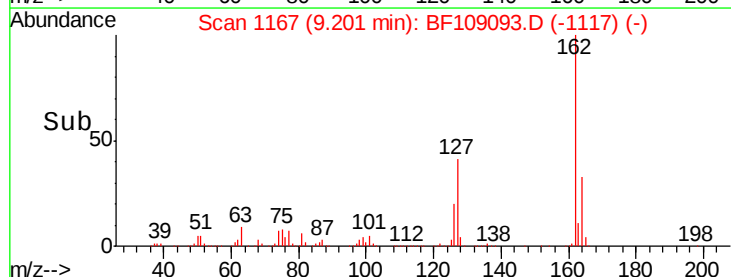
164 32.8 26.5 39.7

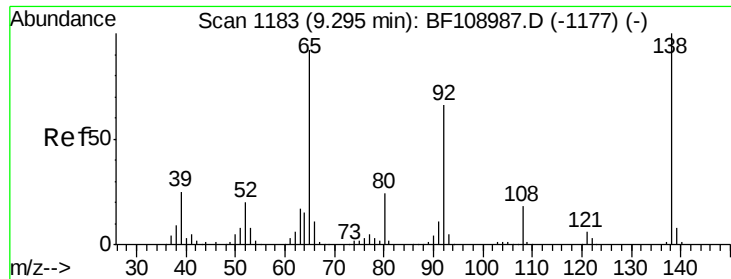


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

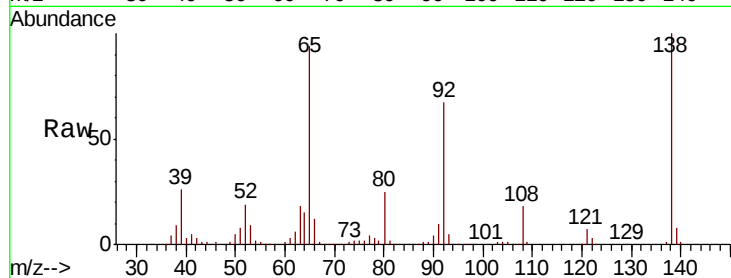




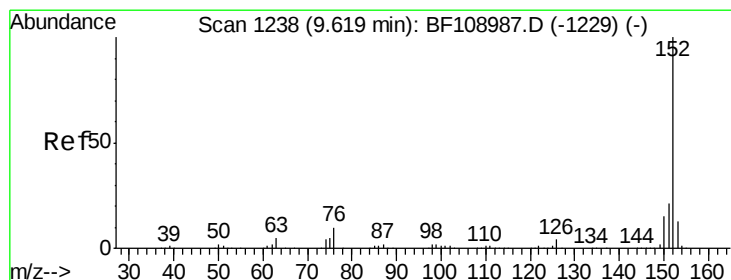
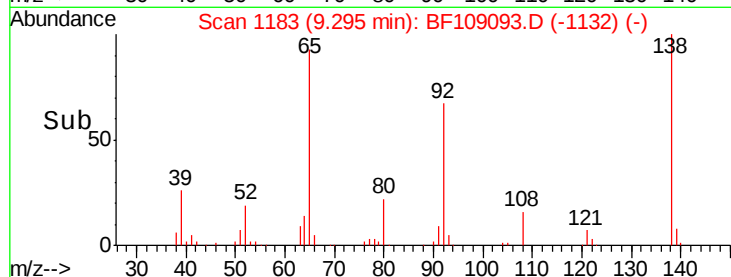
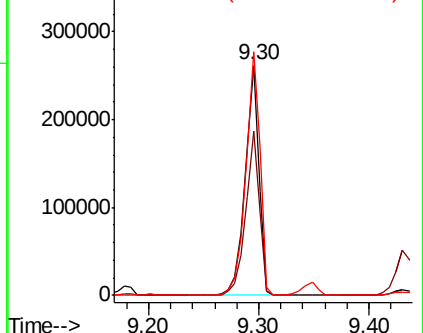
#47
2-Nitroaniline
Concen: 41.017 ng
RT: 9.30 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 232133
Ion Ratio Lower Upper
65 100
92 71.3 55.8 83.6
138 105.9 91.2 136.8

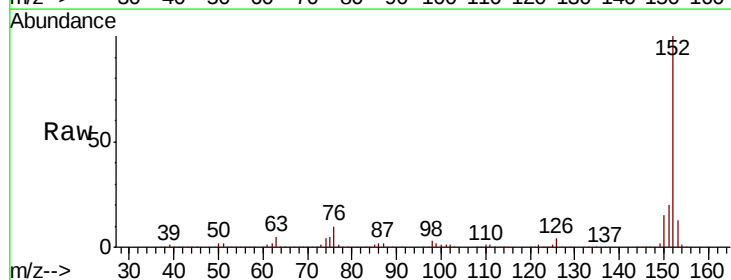


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

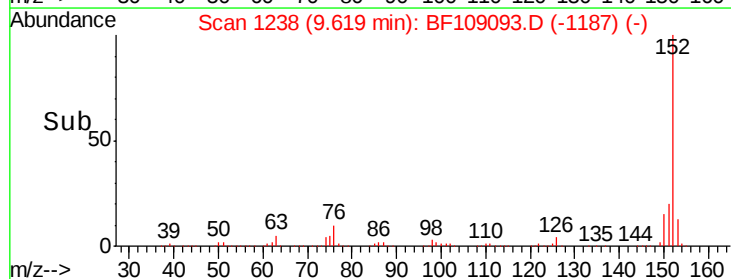
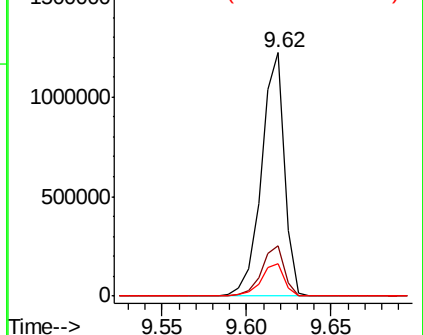


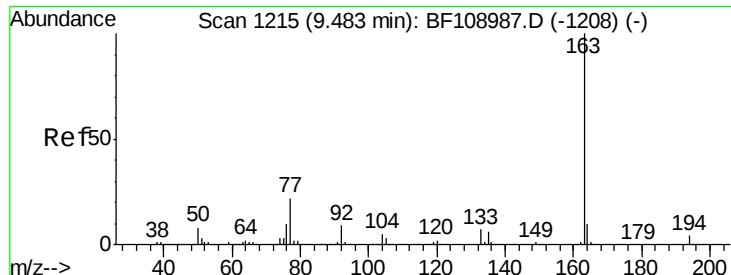
#48
Acenaphthylene
Concen: 41.532 ng
RT: 9.62 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion: 152 Resp: 1152769
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.3 10.7 16.1



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

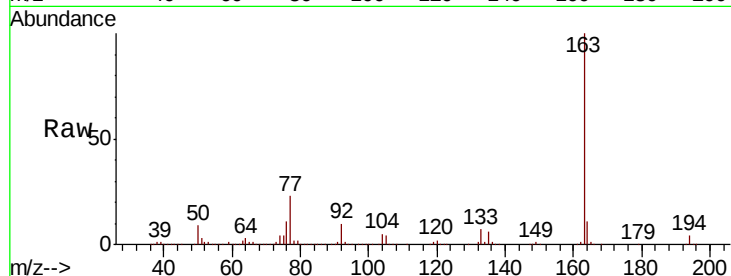




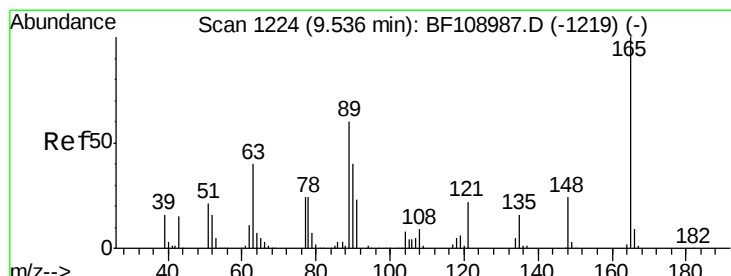
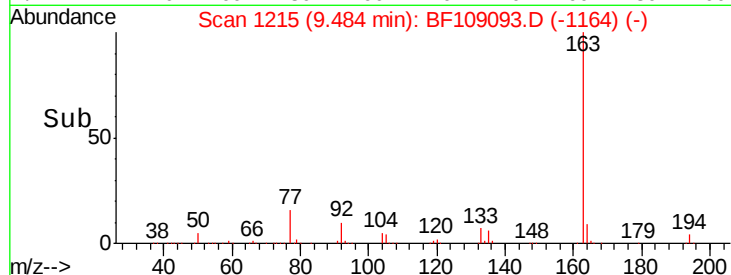
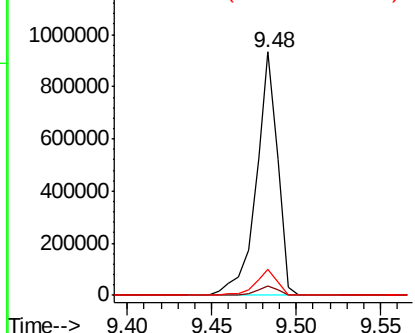
#49
Dimethylphthalate
Concen: 39.947 ng
RT: 9.48 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 820343
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.5 8.2 12.2

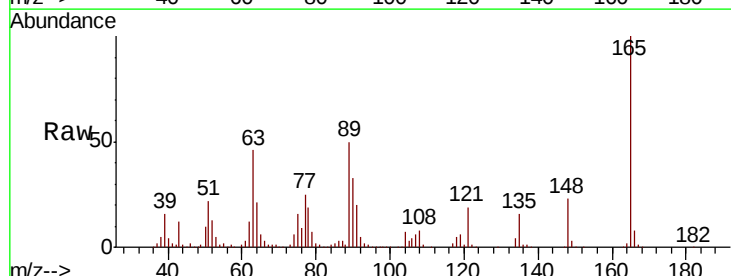


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

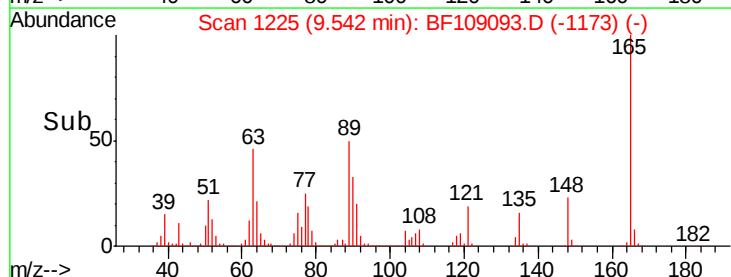
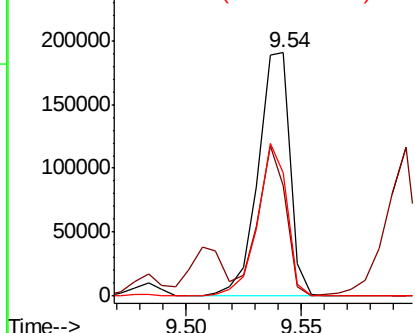


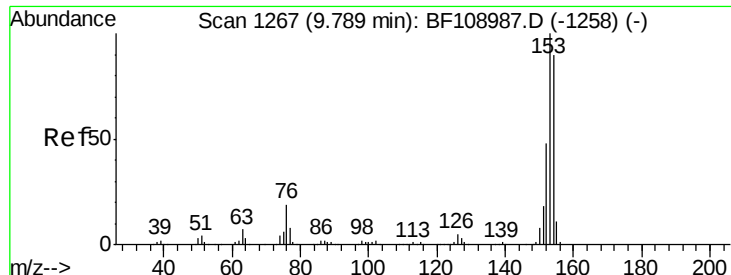
#50
2,6-Dinitrotoluene
Concen: 40.615 ng
RT: 9.54 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion:165 Resp: 184965
Ion Ratio Lower Upper
165 100
63 45.6 44.7 67.1
89 50.5 44.0 66.0



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

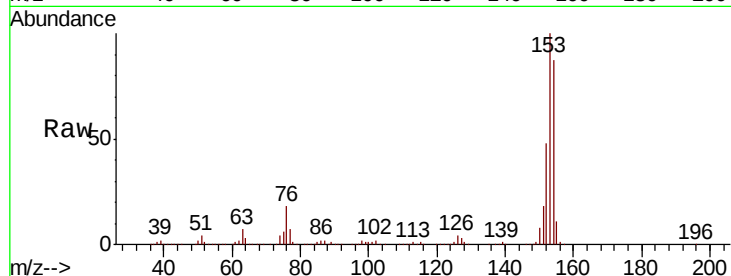




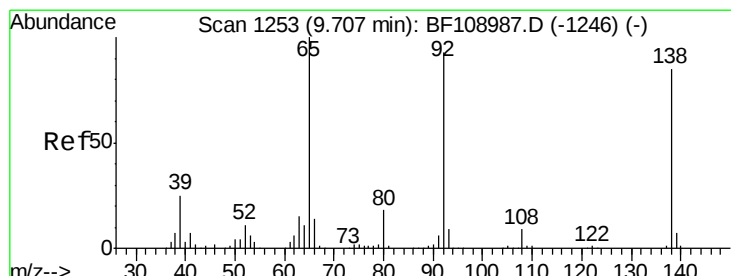
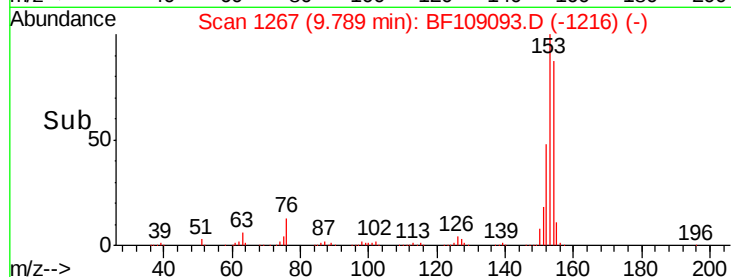
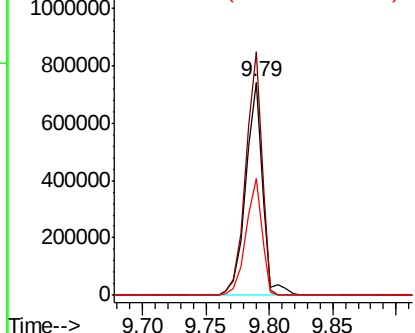
#51
Acenaphthene
Concen: 39.294 ng
RT: 9.79 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 679130
Ion Ratio Lower Upper
154 100
153 114.3 91.2 136.8
152 54.8 43.8 65.8

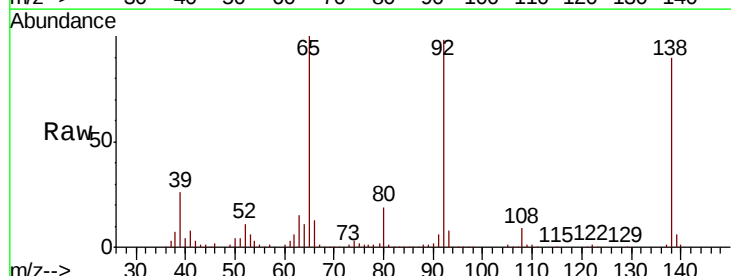


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

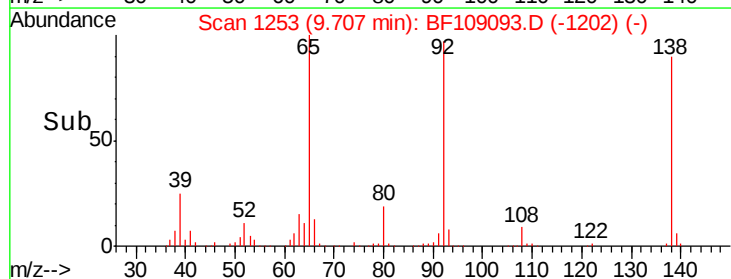
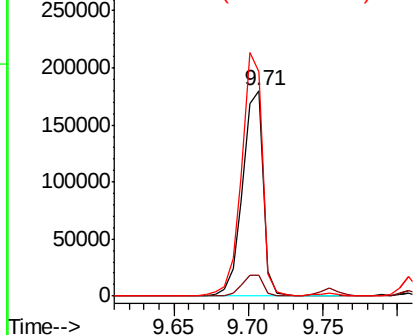


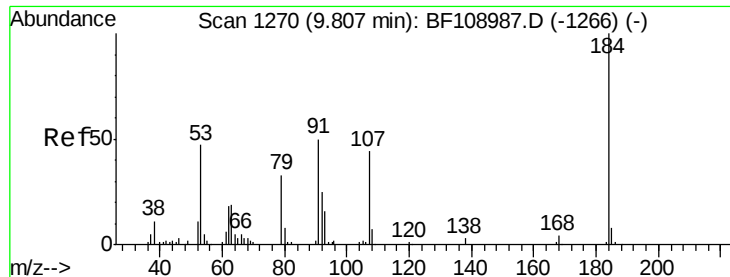
#52
3-Nitroaniline
Concen: 32.376 ng
RT: 9.71 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion:138 Resp: 173618
Ion Ratio Lower Upper
138 100
108 10.2 9.4 14.0
92 108.8 89.4 134.2



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

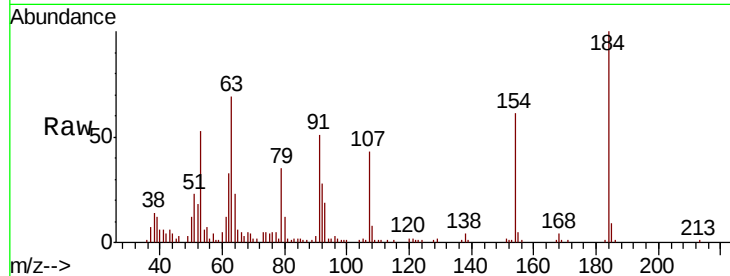




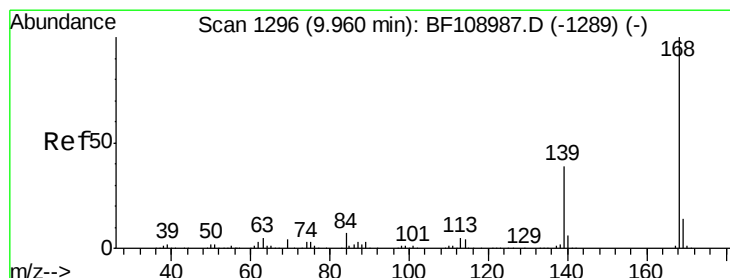
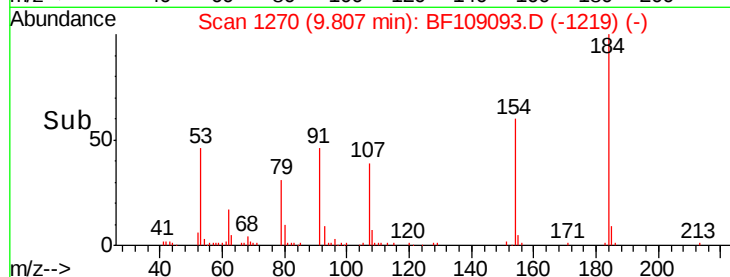
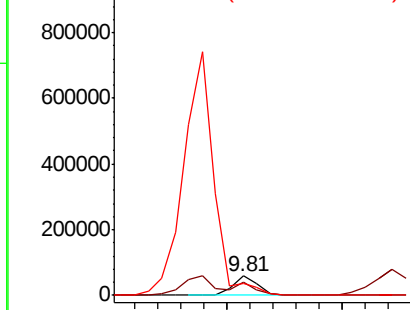
#53
 2,4-Dinitrophenol
 Concen: 25.828 ng
 RT: 9.81 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 45332
 Ion Ratio Lower Upper
 184 100
 63 69.5 54.2 81.2
 154 61.2 184.0 276.0#

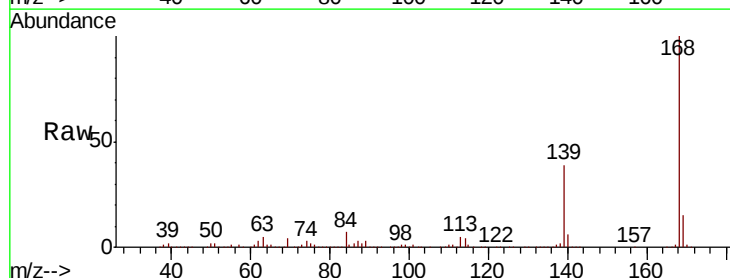


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

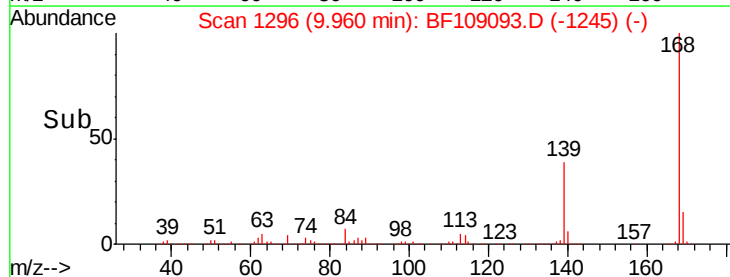
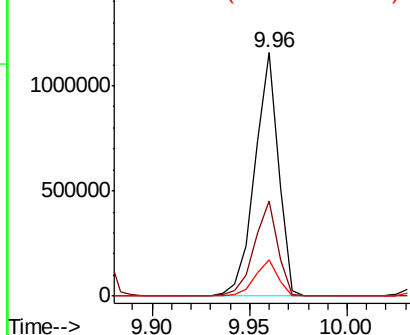


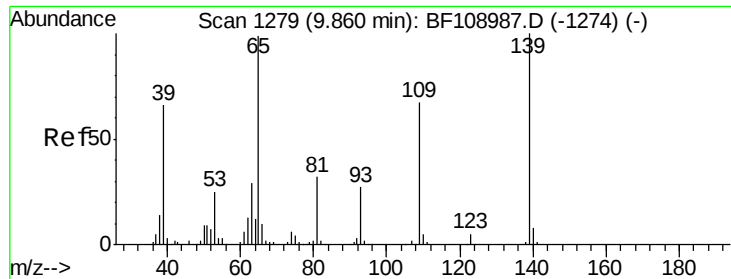
#54
 Dibenzofuran
 Concen: 38.963 ng
 RT: 9.96 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion:168 Resp: 973119
 Ion Ratio Lower Upper
 168 100
 139 39.0 30.1 45.1
 169 14.7 10.9 16.3



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

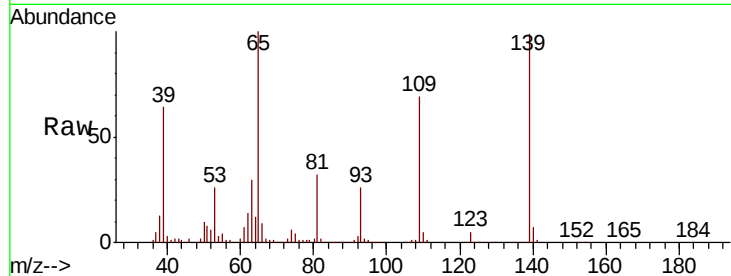




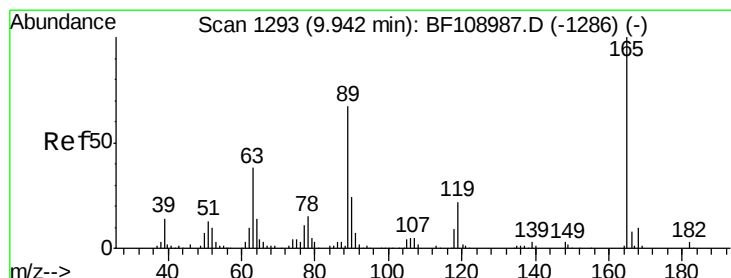
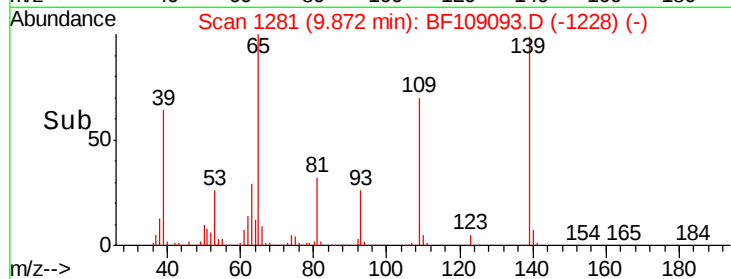
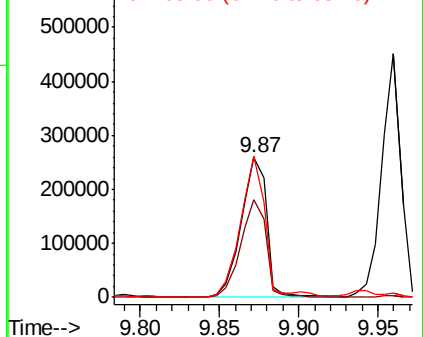
#55
4-Nitrophenol
Concen: 72.608 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 286878
Ion Ratio Lower Upper
139 100
109 70.3 48.4 88.4
65 101.3 72.6 112.6

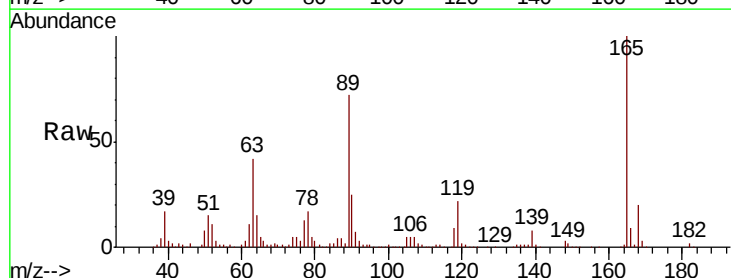


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

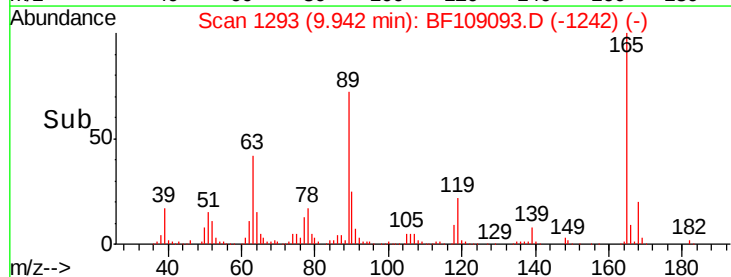
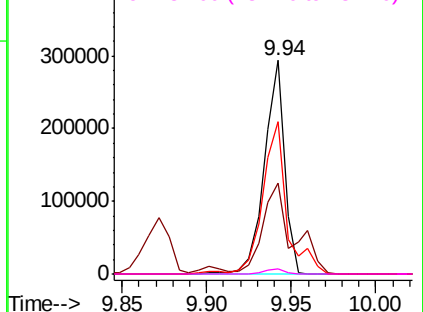


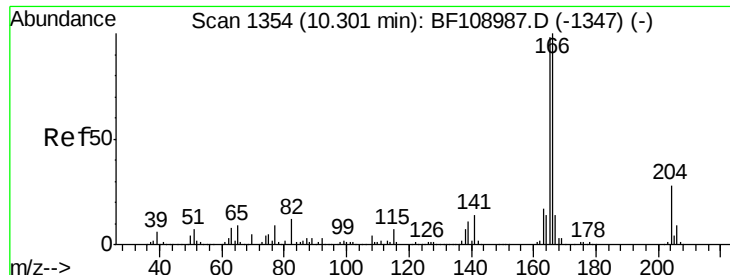
#56
2,4-Dinitrotoluene
Concen: 40.635 ng
RT: 9.94 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion:165 Resp: 242019
Ion Ratio Lower Upper
165 100
63 42.5 36.4 54.6
89 71.5 57.8 86.6
182 2.4 1.6 2.4#



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

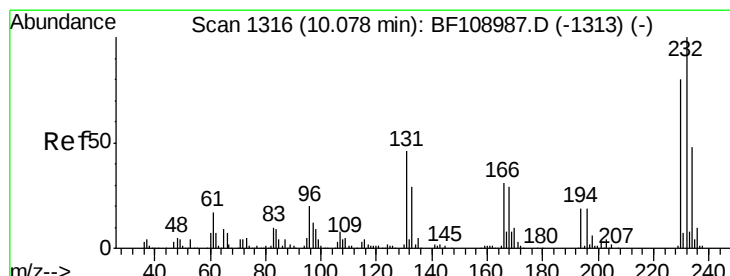
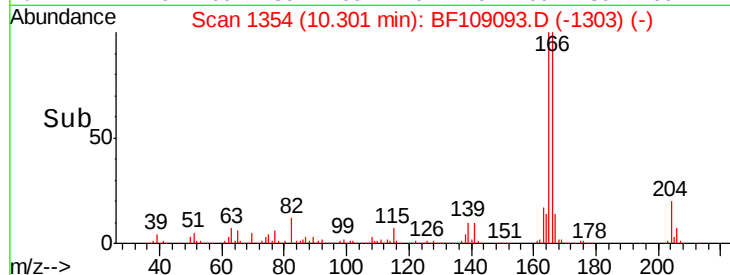
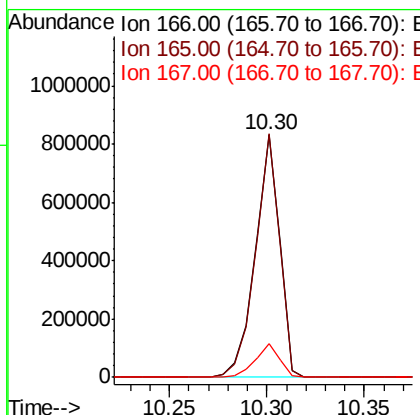
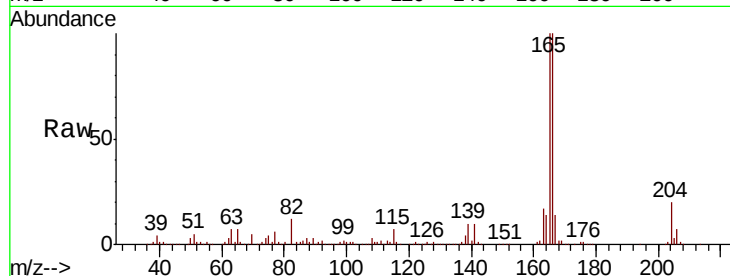




#57
 Fluorene
 Concen: 43.219 ng
 RT: 10.30 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

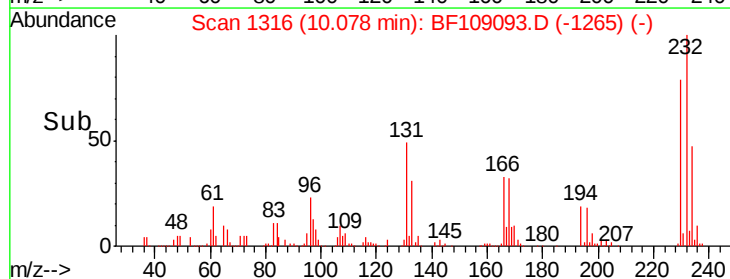
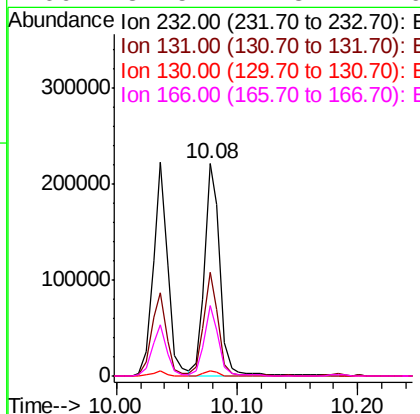
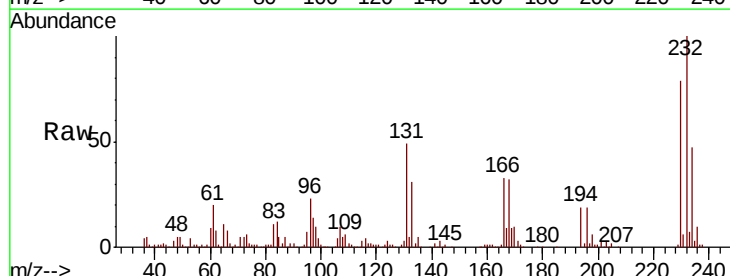
Instrument :
 BNA_F
 ClientSampleId :

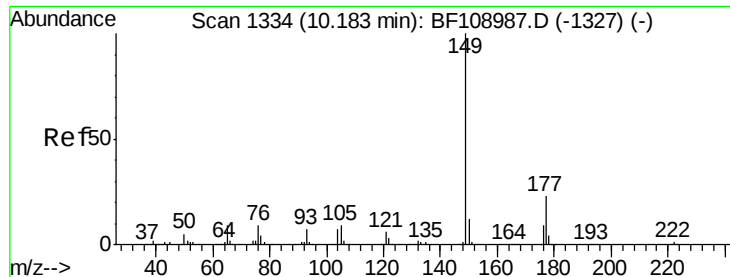
Tot Ion:166 Resp: 719343
 Ion Ratio Lower Upper
 166 100
 165 100.4 79.8 119.8
 167 14.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.907 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion:232 Resp: 194113
 Ion Ratio Lower Upper
 232 100
 131 46.0 43.8 65.8
 130 2.3 2.1 3.1
 166 31.5 27.8 41.6

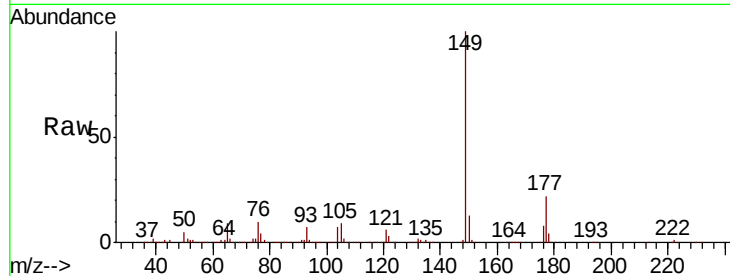




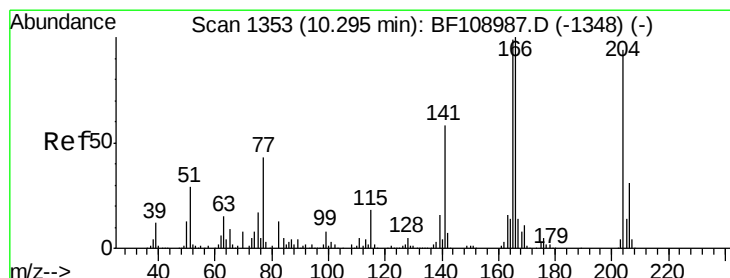
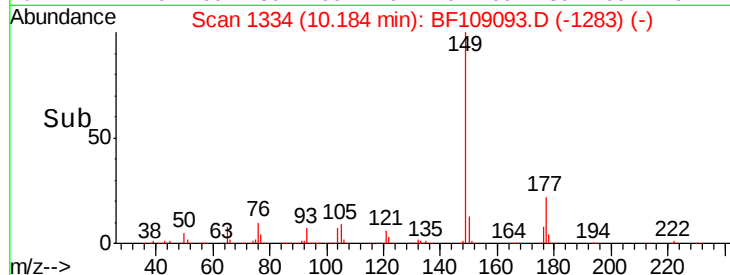
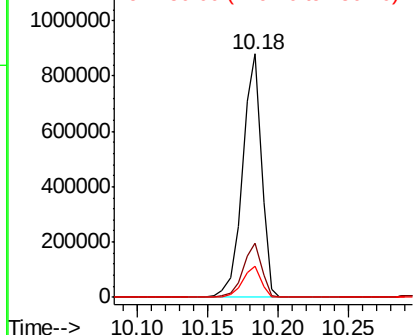
#59
Diethylphthalate
Concen: 39.520 ng
RT: 10.18 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 819548
Ion Ratio Lower Upper
149 100
177 22.4 16.1 24.1
150 12.6 10.1 15.1

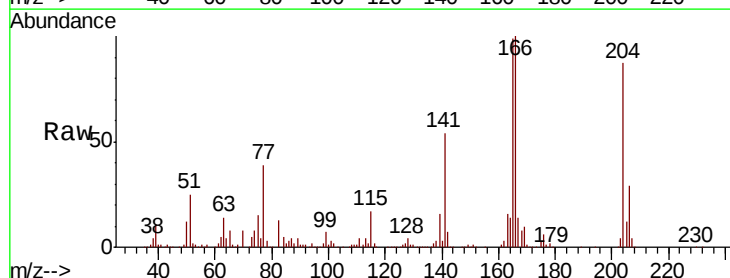


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

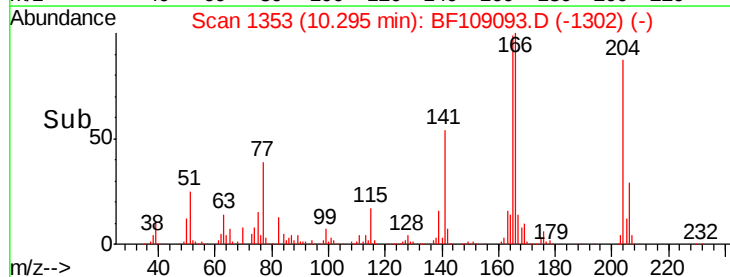
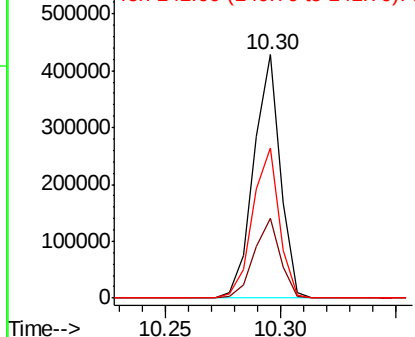


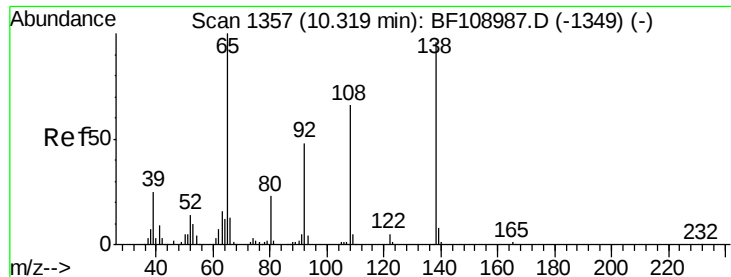
#60
4-Chlorophenyl-phenylether
Concen: 38.749 ng
RT: 10.30 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion:204 Resp: 345340
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 61.5 54.6 81.8



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

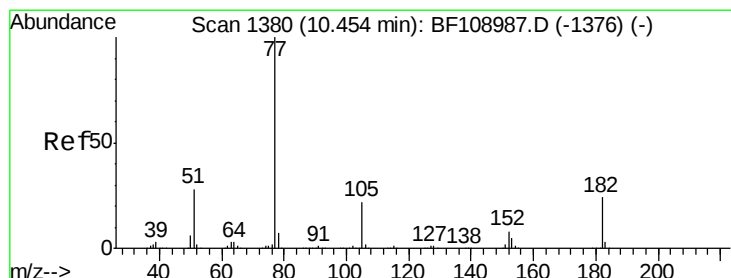
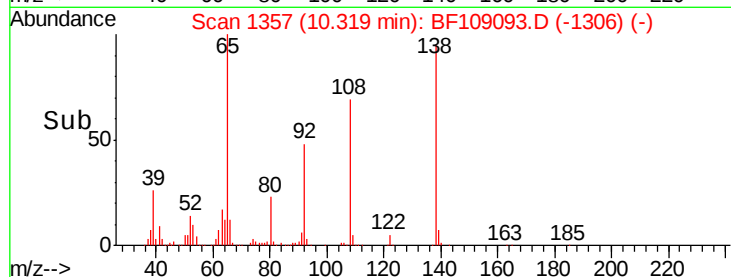
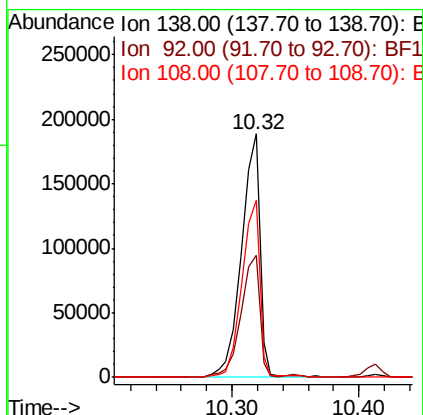
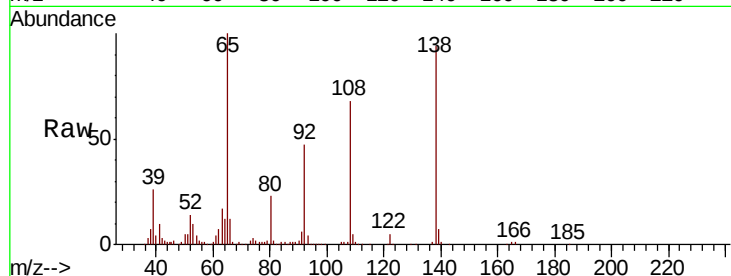




#61
4-Nitroaniline
Concen: 37.420 ng
RT: 10.32 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

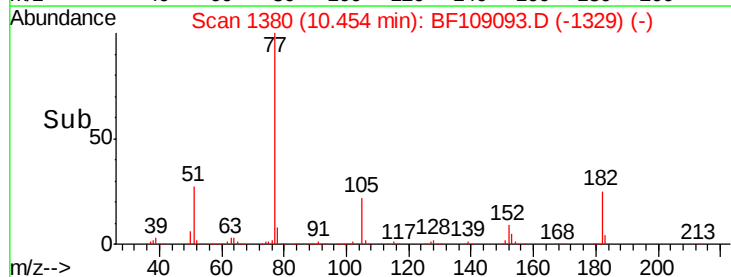
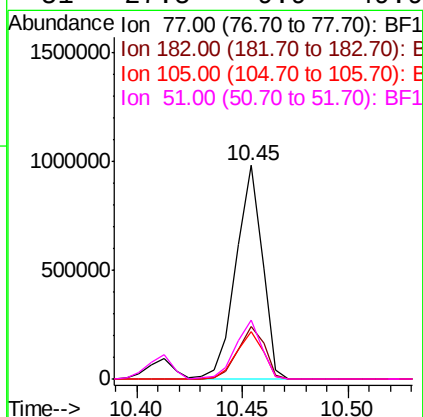
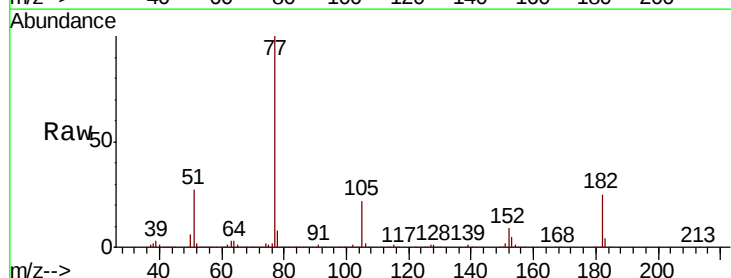
Instrument :
BNA_F
ClientSampled :

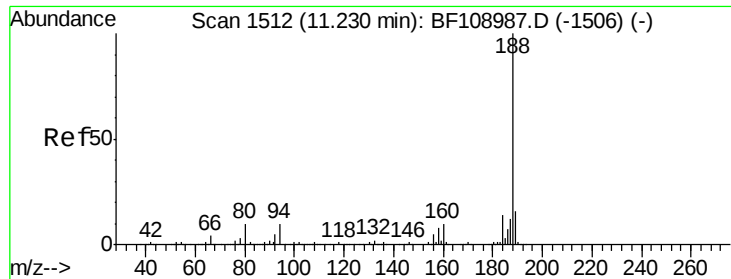
Tot Ion:138 Resp: 190649
Ion Ratio Lower Upper
138 100
92 50.2 30.2 70.2
108 72.5 52.5 92.5



#62
Azobenzene
Concen: 39.540 ng
RT: 10.45 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion: 77 Resp: 839340
Ion Ratio Lower Upper
77 100
182 24.9 1.7 41.7
105 22.3 3.0 43.0
51 27.5 9.9 49.9

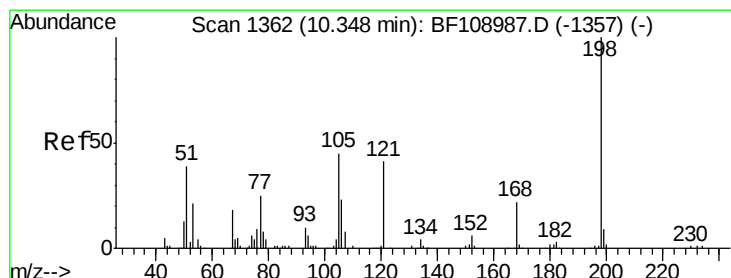
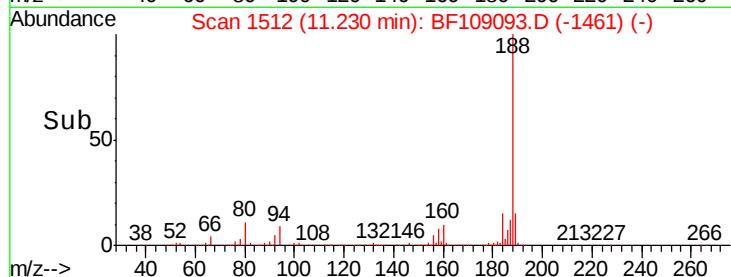
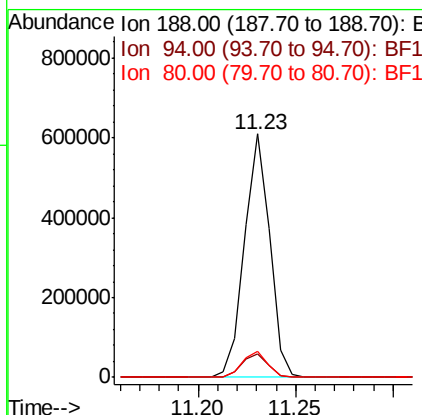
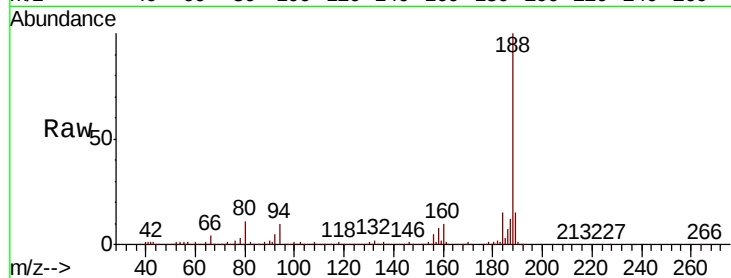




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

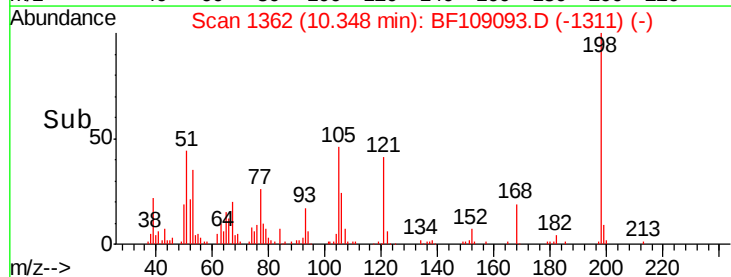
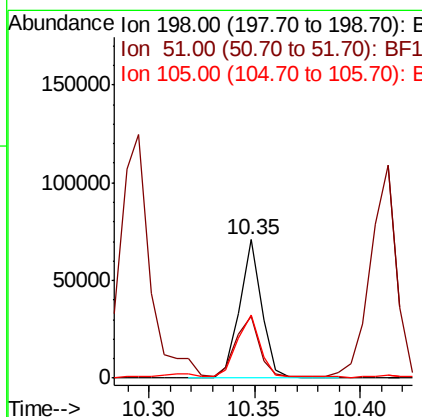
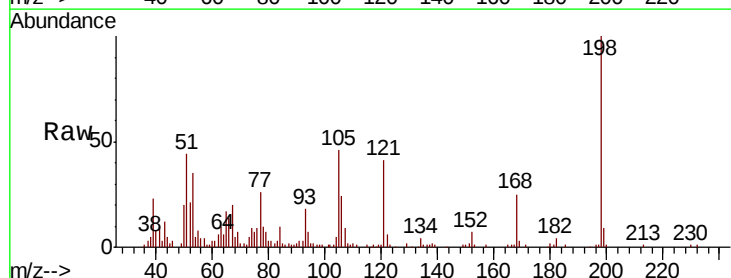
Instrument :
BNA_F
ClientSampleId :

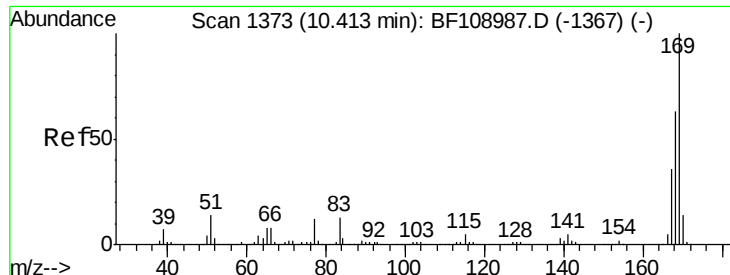
Tot Ion:188 Resp: 548969
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 19.527 ng
RT: 10.35 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion:198 Resp: 51289
Ion Ratio Lower Upper
198 100
51 44.4 37.7 77.7
105 45.7 36.3 76.3

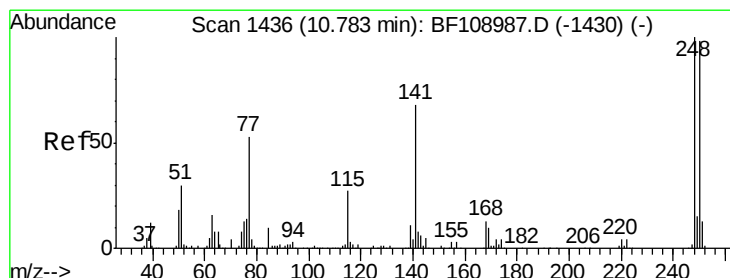
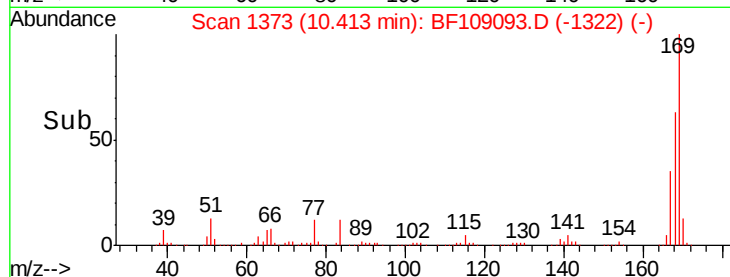
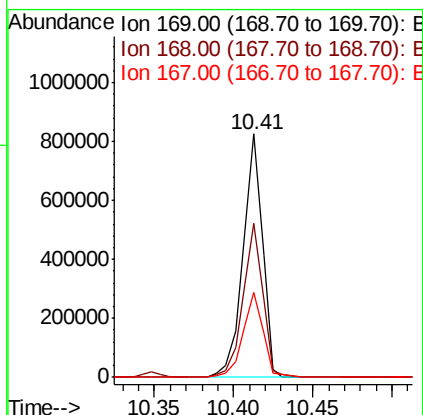
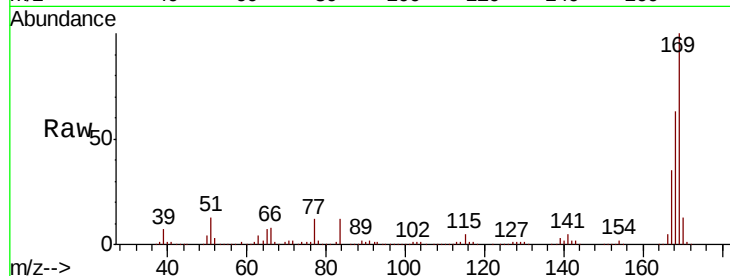




#65
 n-Nitrosodiphenylamine
 Concen: 38.896 ng
 RT: 10.41 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

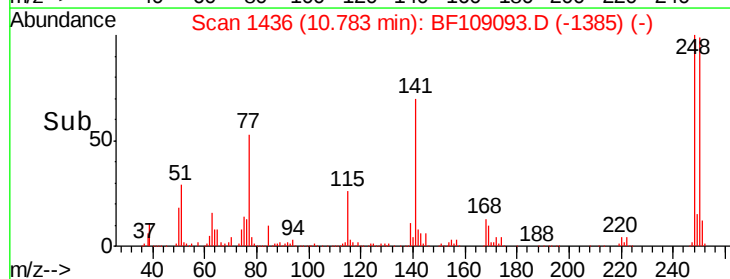
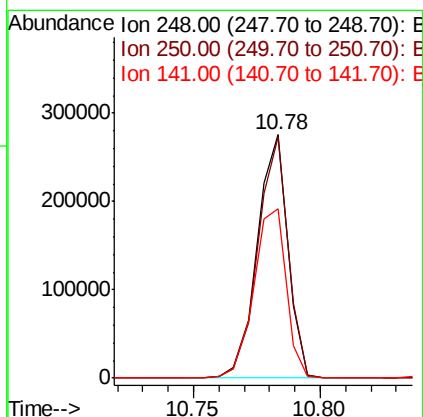
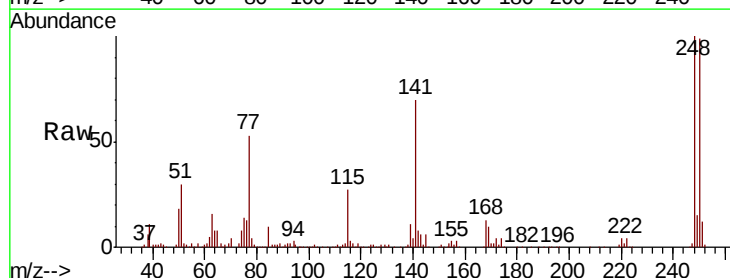
Instrument :
 BNA_F
 ClientSampled :

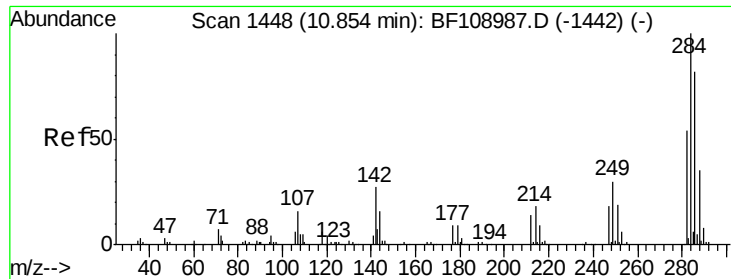
Tot Ion	169	Resp	698468
Ion Ratio	100	Lower	Upper
169	100		
168	63.1	54.4	81.6
167	35.1	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 37.690 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion	248	Resp	233262
Ion Ratio	100	Lower	Upper
248	100		
250	98.9	76.9	115.3
141	69.6	74.4	111.6#

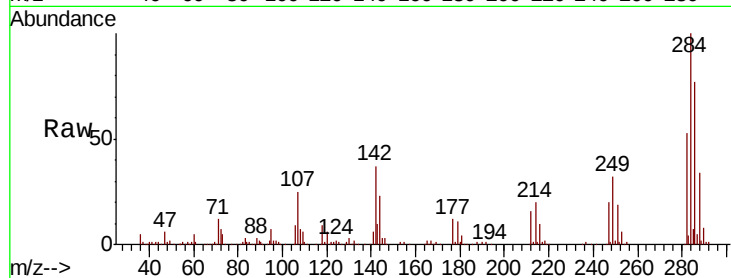




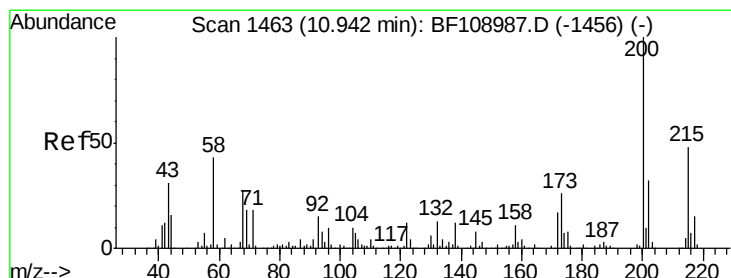
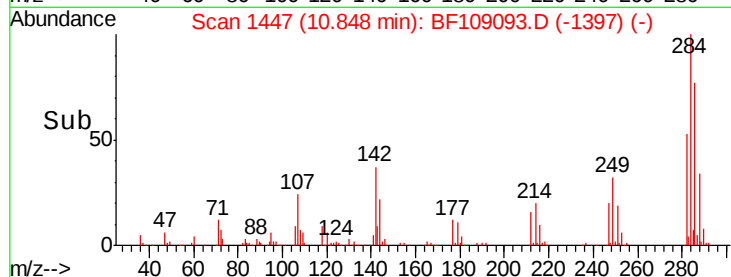
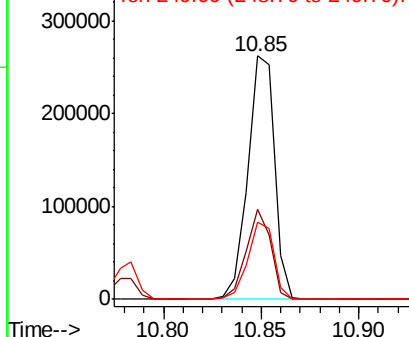
#67
Hexachlorobenzene
Concen: 37.696 ng
RT: 10.85 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 249541
Ion Ratio Lower Upper
284 100
142 37.0 34.6 52.0
249 31.6 24.8 37.2

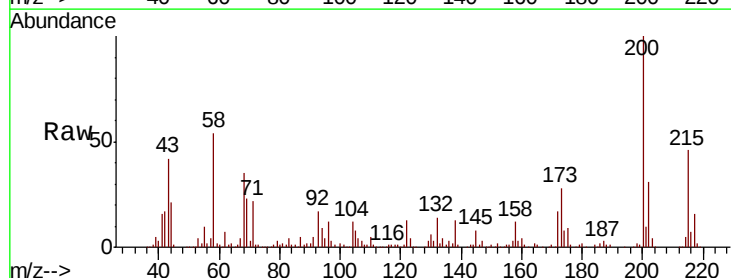


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

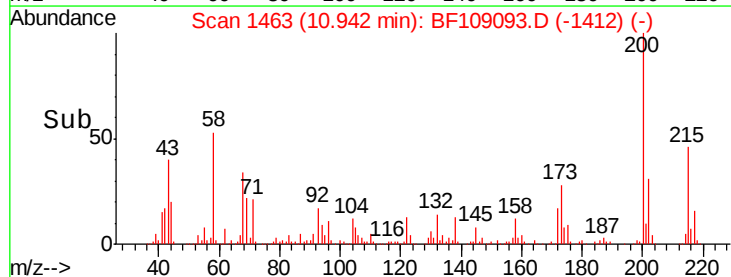
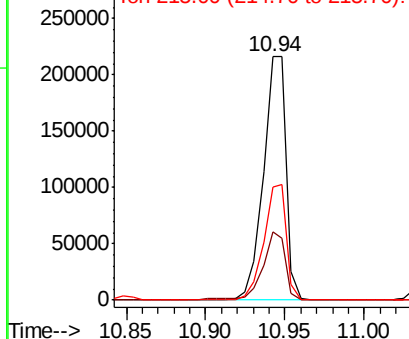


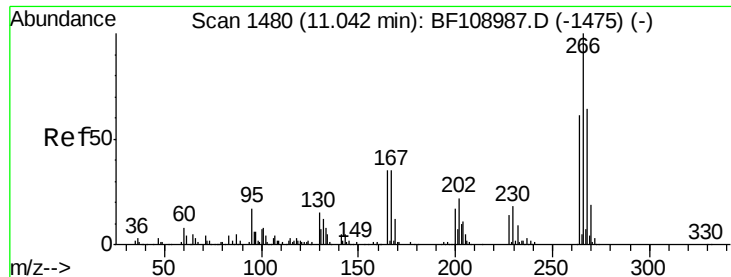
#68
Atrazine
Concen: 37.964 ng
RT: 10.94 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion:200 Resp: 218233
Ion Ratio Lower Upper
200 100
173 28.1 8.6 48.6
215 46.3 25.1 65.1



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

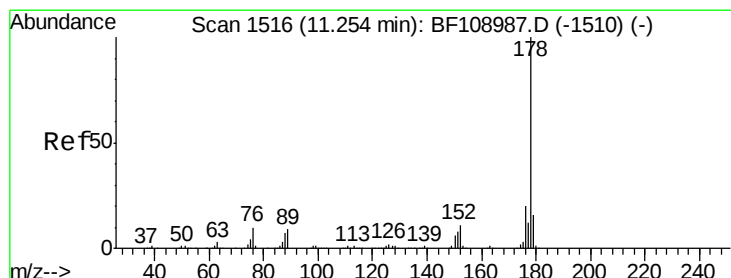
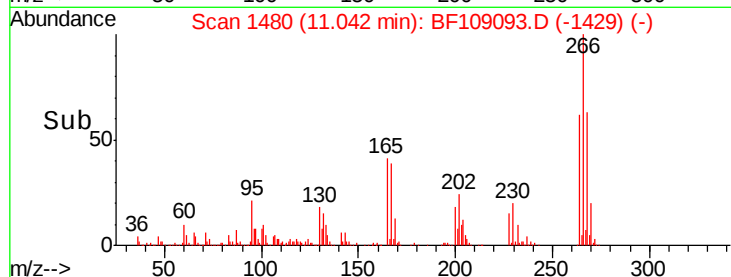
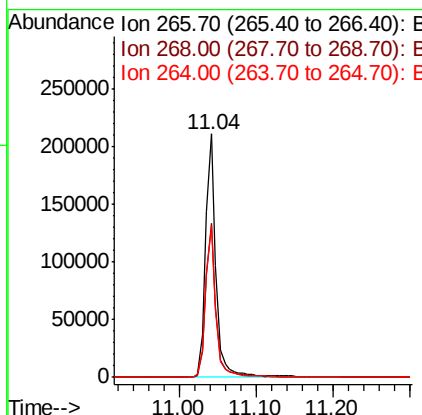
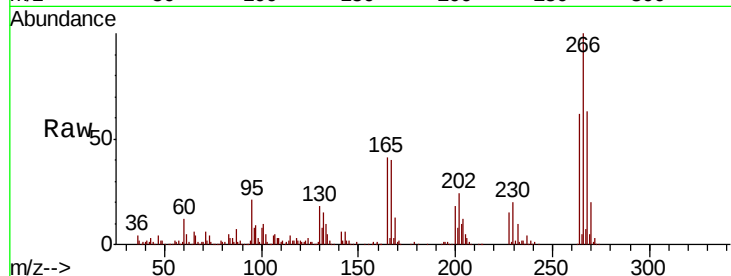




#69
 Pentachlorophenol
 Concen: 47.370 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

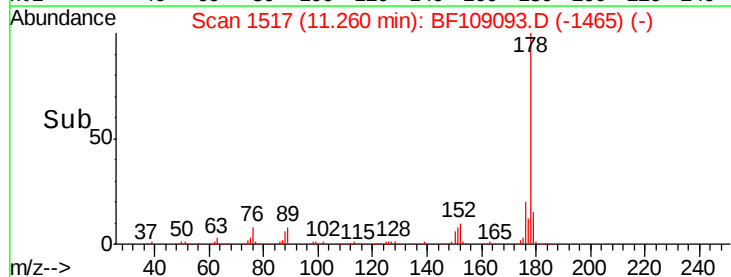
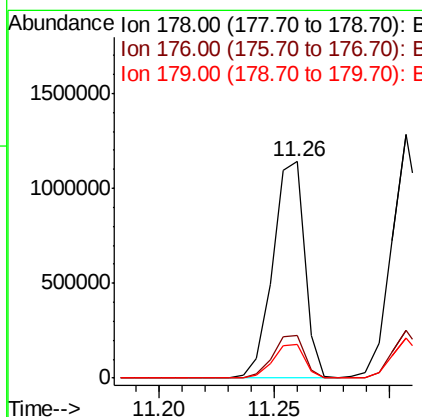
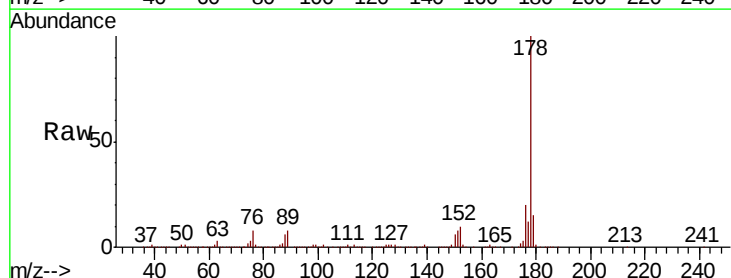
Instrument :
 BNA_F
 ClientSampleId :

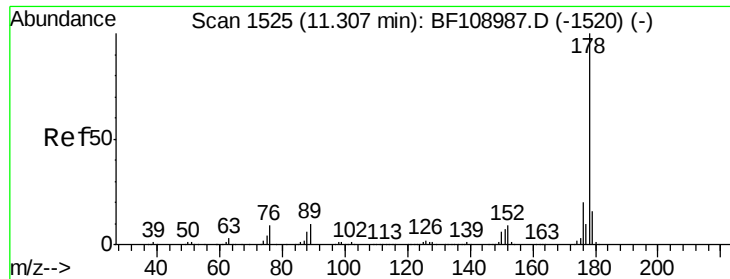
Tot Ion:266 Resp: 200631
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.1 76.7
 264 62.2 49.5 74.3



#70
 Phenanthrene
 Concen: 40.554 ng
 RT: 11.26 min Scan# 1517
 Delta R.T. 0.01 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion:178 Resp: 1091315
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.4 13.0 19.6



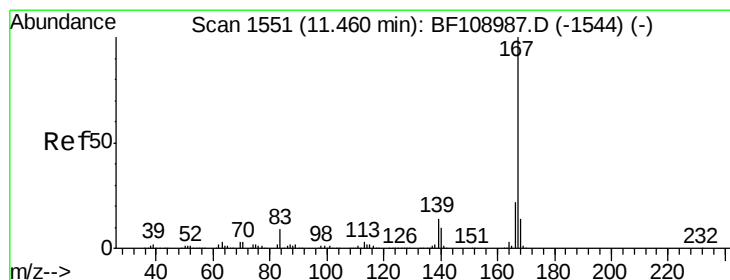
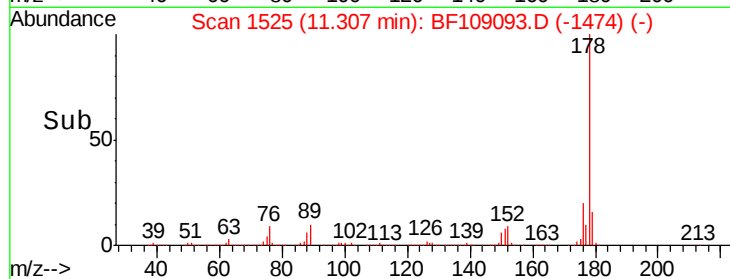
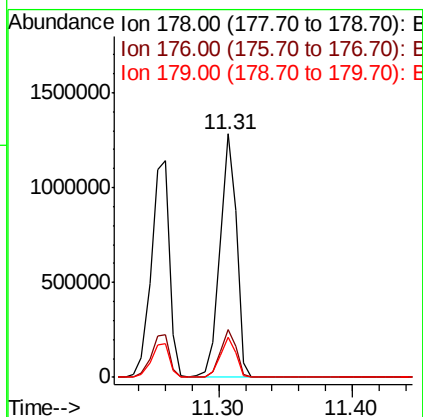
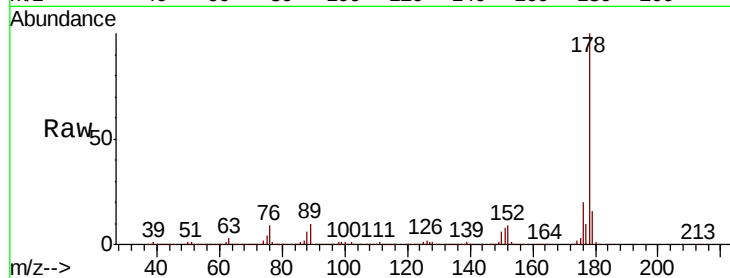


#71
 Anthracene
 Concen: 41.337 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1127638

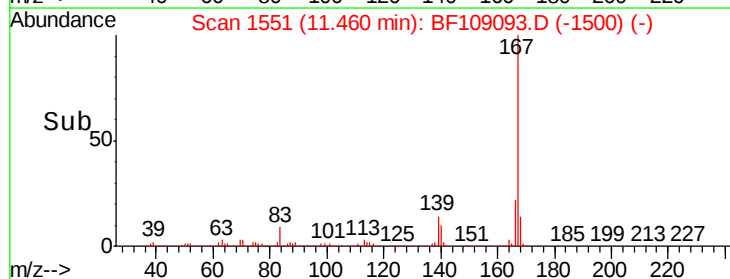
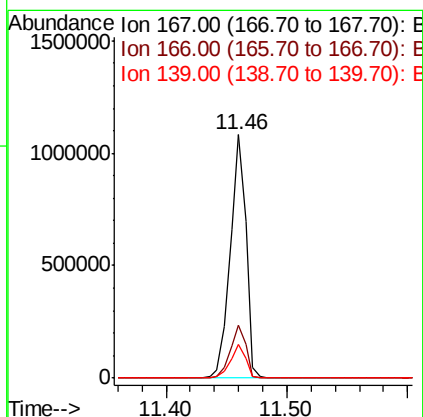
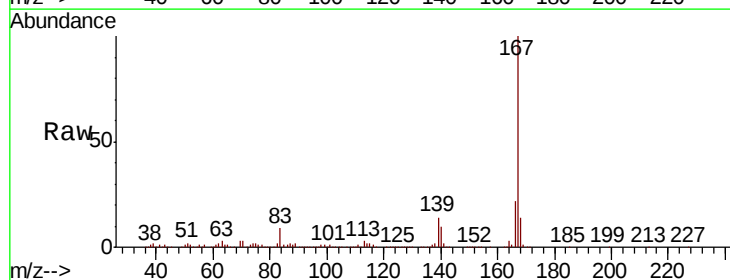
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	16.3	12.6	19.0

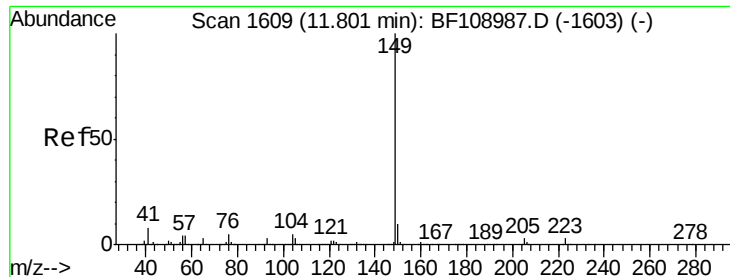


#72
 Carbazole
 Concen: 36.309 ng
 RT: 11.46 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion:167 Resp: 980486

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	13.6	10.9	16.3





#73

Di-n-butylphthalate

Concen: 36.953 ng

RT: 11.80 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

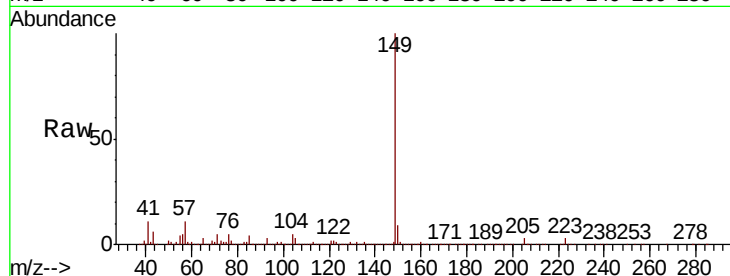
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1168083

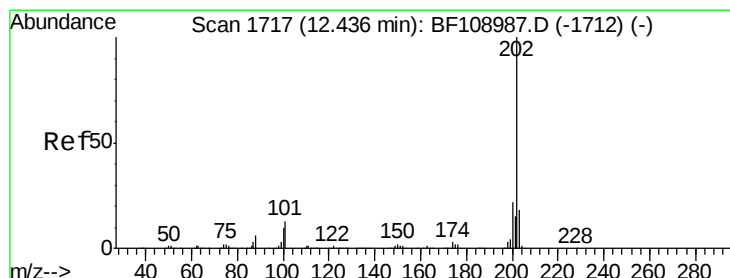
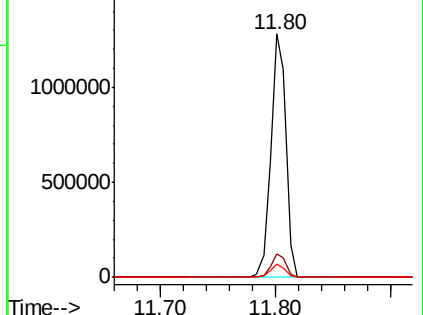
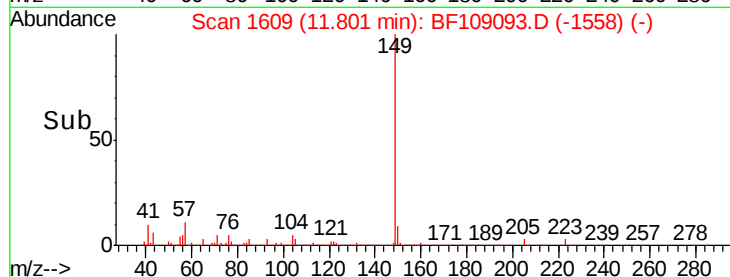
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	5.2	3.8	5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.974 ng

RT: 12.44 min Scan# 1717

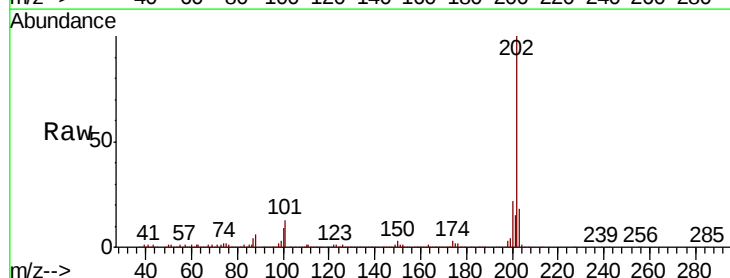
Delta R.T. 0.00 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Tgt Ion:202 Resp: 1078816

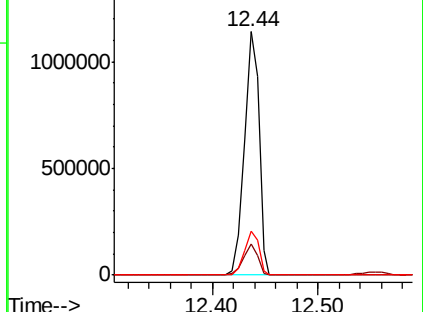
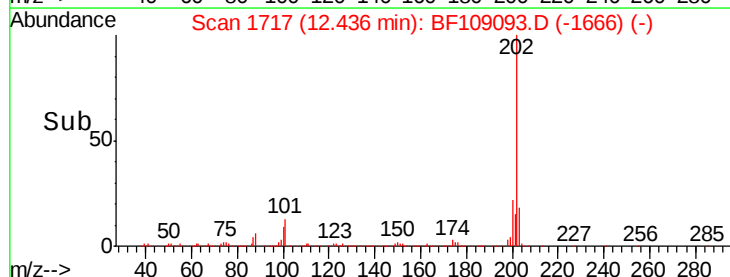
Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	34.1
203	17.9	0.0	38.1

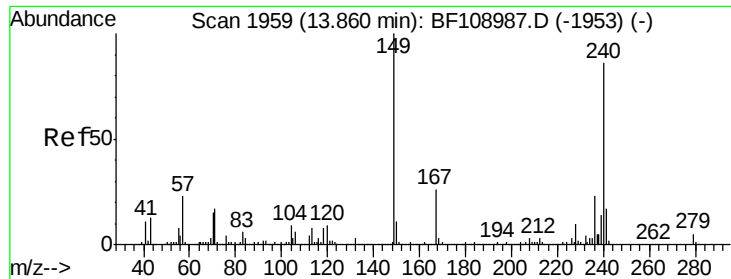


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Instrument :

BNA_F

ClientSampled :

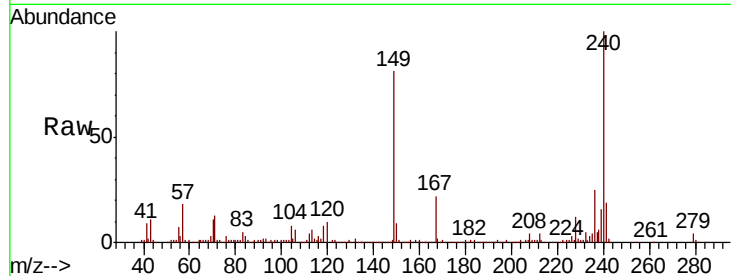
Tot Ion:240 Resp: 338459

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

236 25.4 20.7 31.1

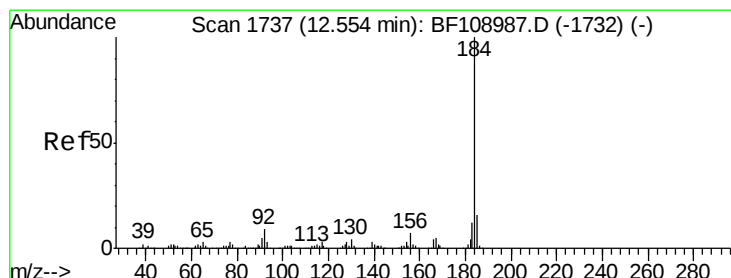
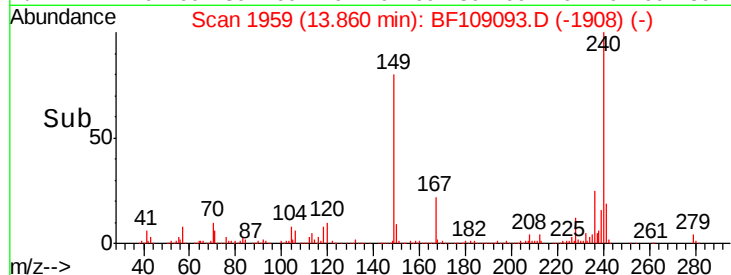
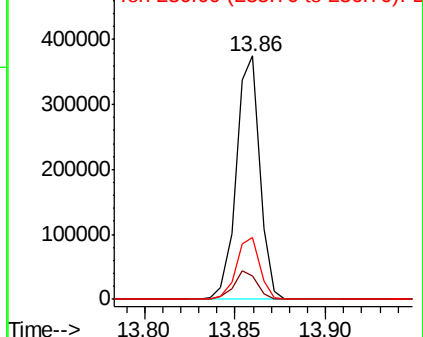


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 17.474 ng

RT: 12.55 min Scan# 1737

Delta R.T. 0.00 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

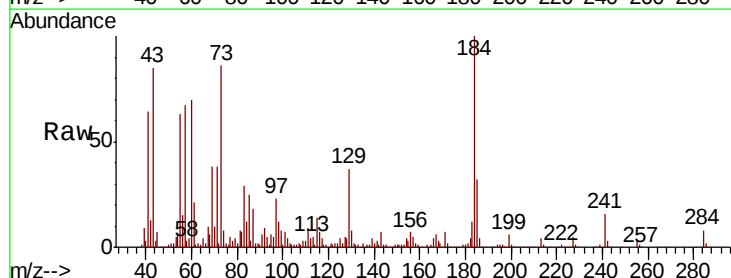
Tgt Ion:184 Resp: 209352

Ion Ratio Lower Upper

184 100

185 31.9 12.6 18.8#

183 11.8 9.3 13.9

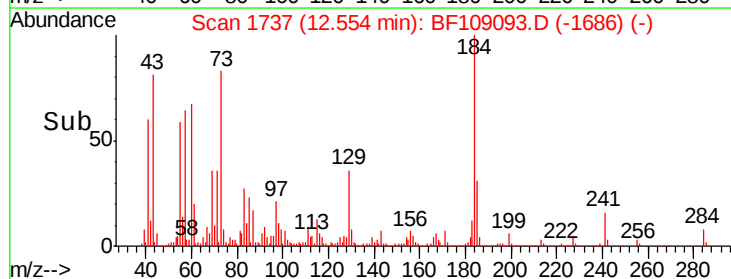
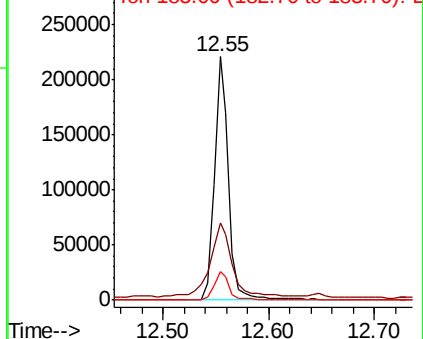


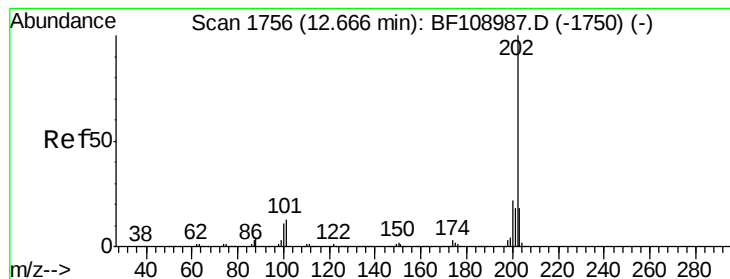
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.933 ng

RT: 12.67 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Instrument :

BNA_F

ClientSampleId :

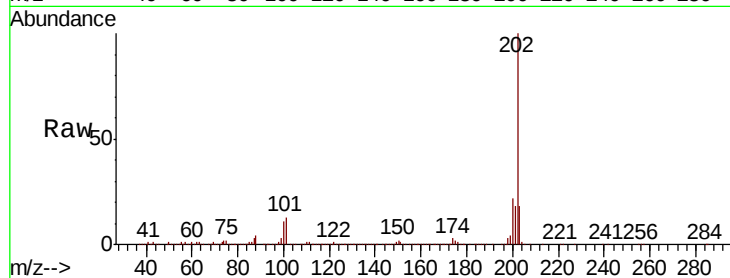
Tot Ion:202 Resp: 1054213

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

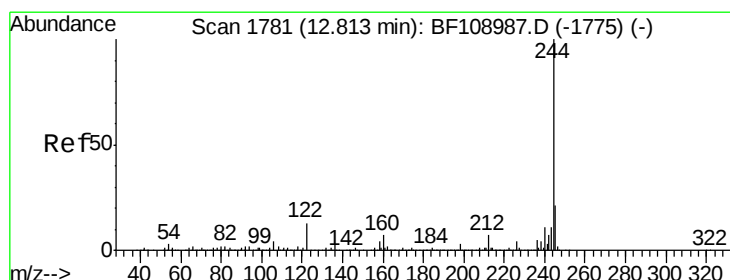
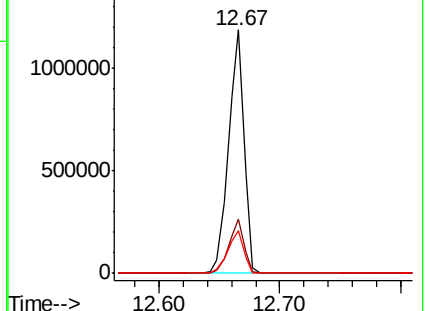
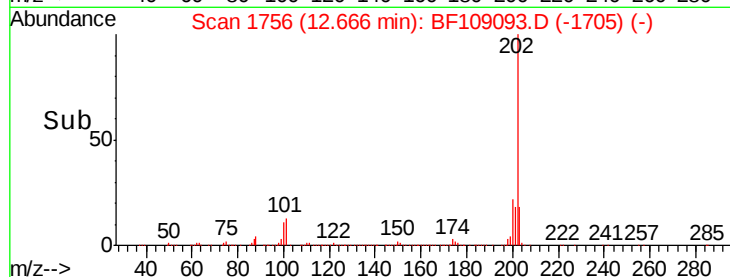
203 17.6 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 85.173 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

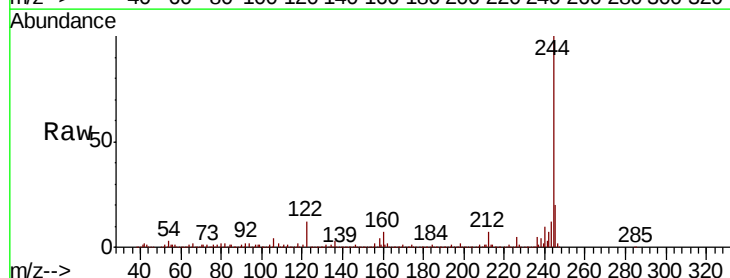
Tgt Ion:244 Resp: 1216210

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

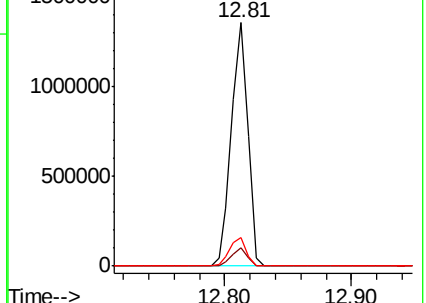
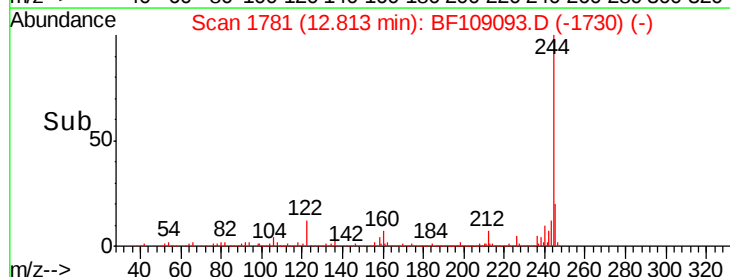
122 11.8 11.0 16.4

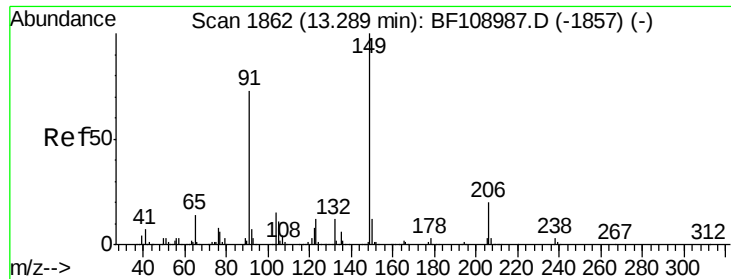


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

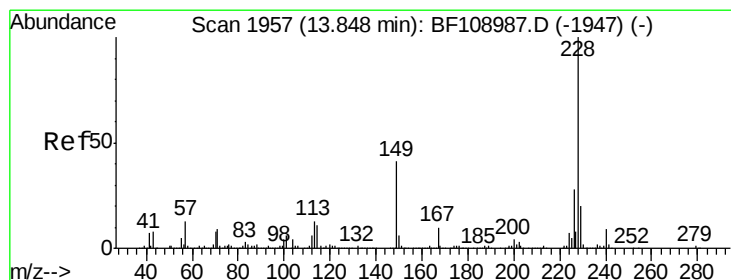
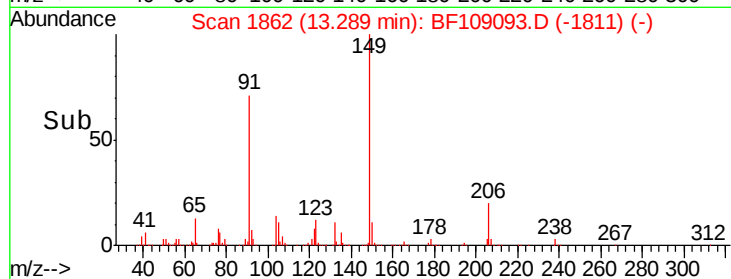
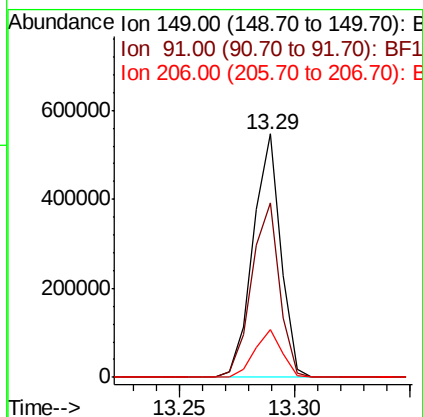
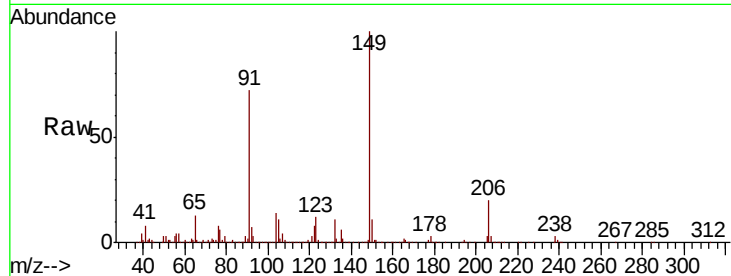




#79
Butylbenzylphthalate
Concen: 40.733 ng
RT: 13.29 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

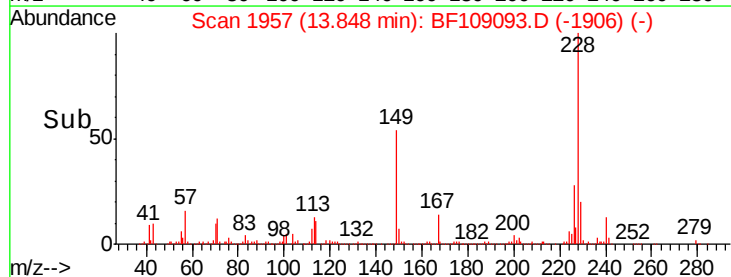
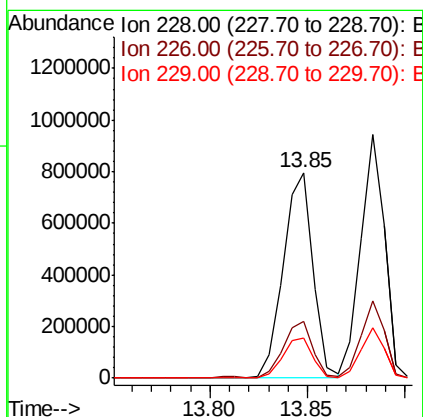
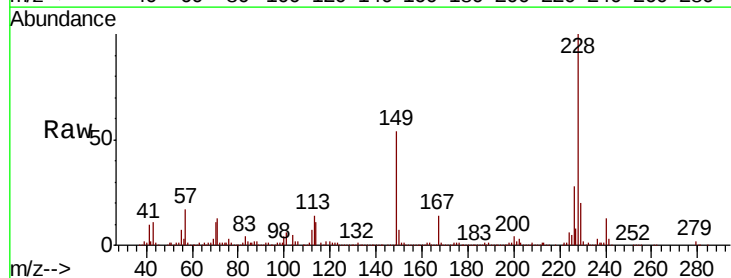
Instrument :
BNA_F
ClientSampleId :

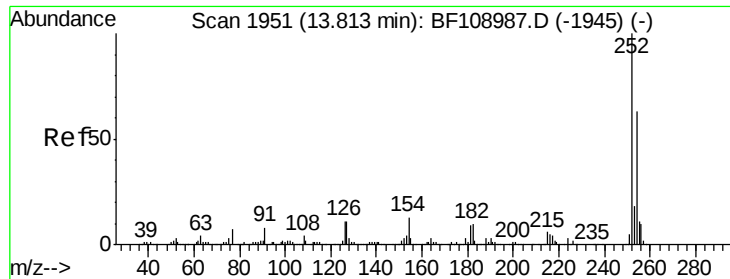
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.6	56.8	85.2
206	19.7	14.1	21.1



#80
Benzo(a)anthracene
Concen: 40.833 ng
RT: 13.85 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.8	15.8	23.6

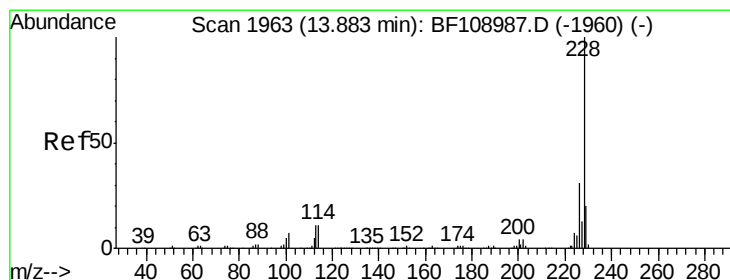
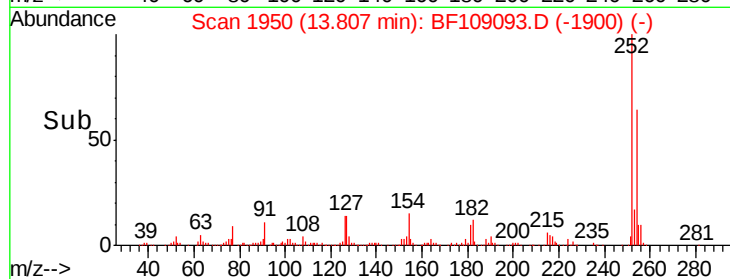
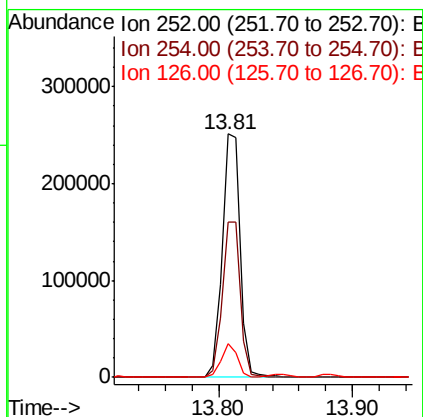
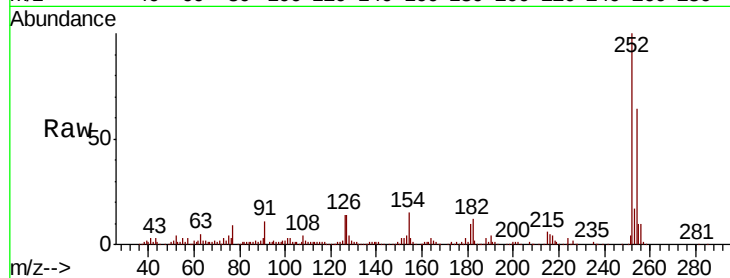




#81
 3,3'-Dichlorobenzidine
 Concen: 28.973 ng
 RT: 13.81 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

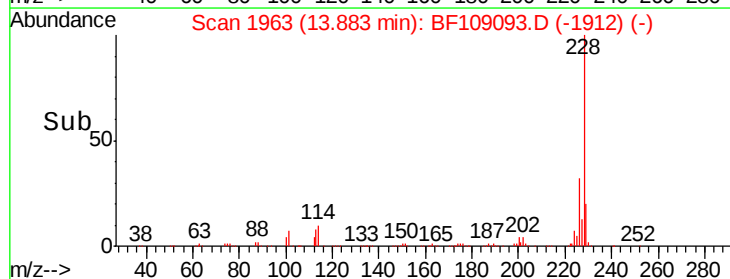
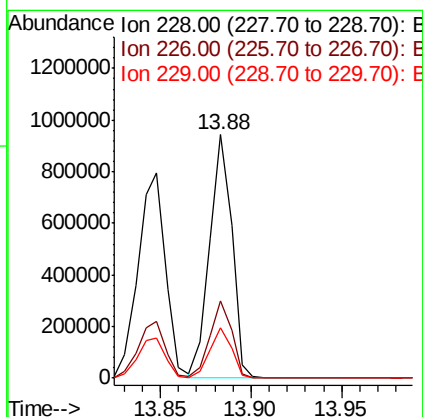
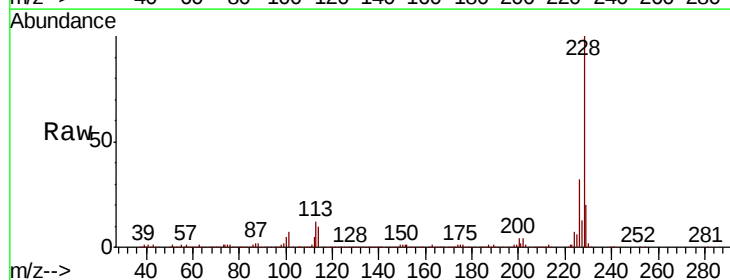
Instrument :
 BNA_F
 ClientSampleId :

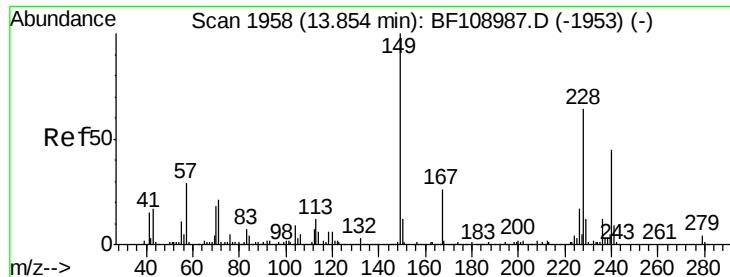
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.4	75.6
126	14.0	11.3	16.9



#82
 Chrysene
 Concen: 39.249 ng
 RT: 13.88 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	20.5	16.2	24.4

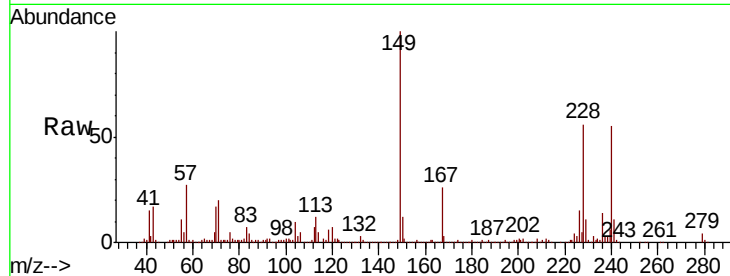




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.843 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	4.1	3.0	4.4

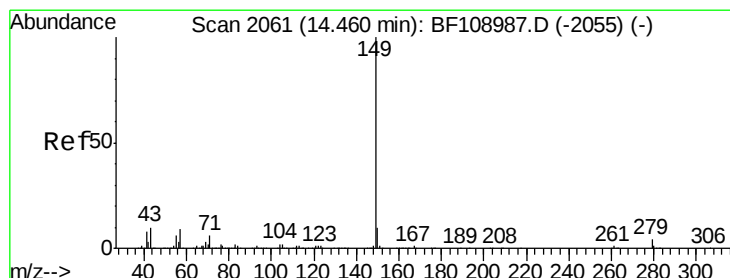
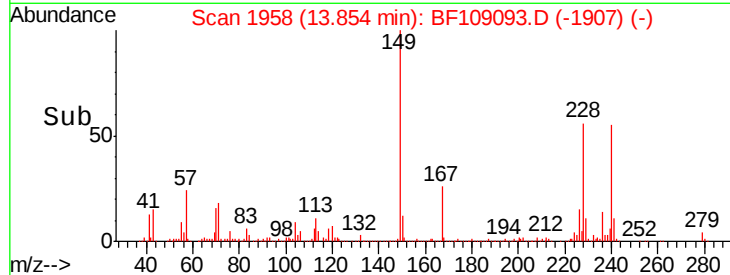
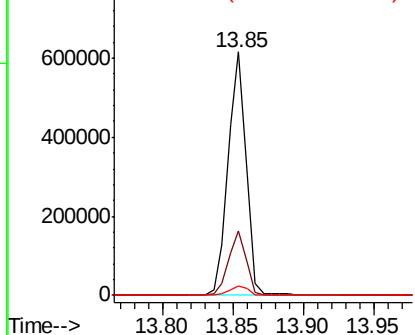


Abundance

Ion 149.00 (148.70 to 149.70): E

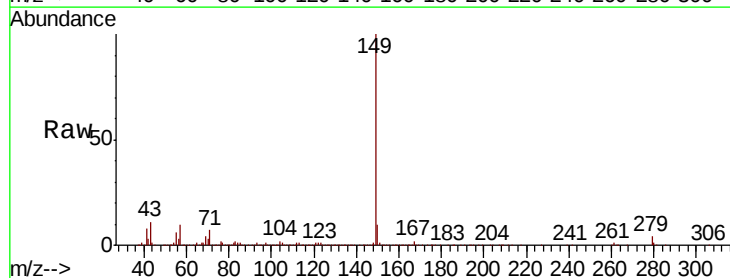
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 39.976 ng
 RT: 14.46 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	14.8	8.4	12.6

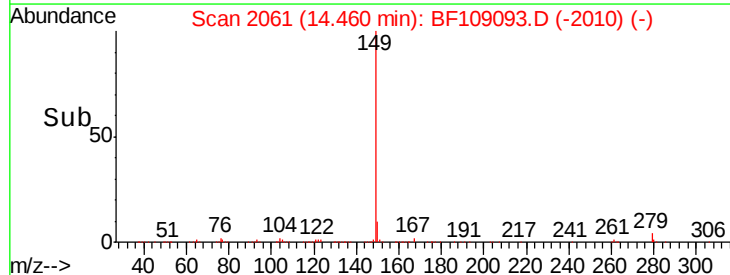
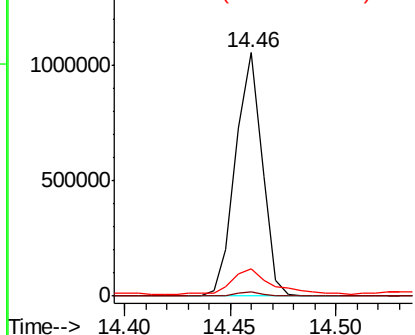


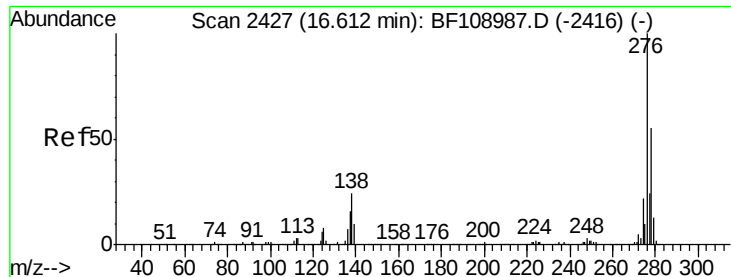
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

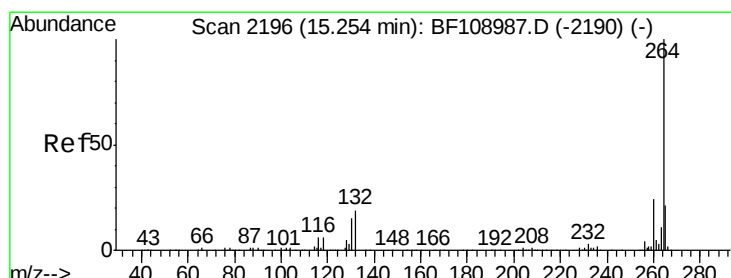
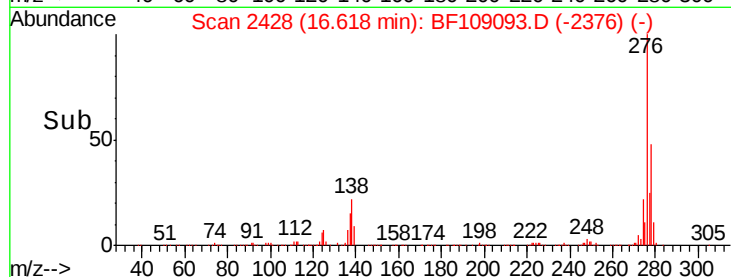
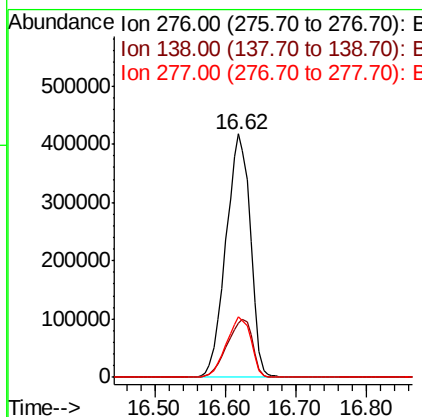
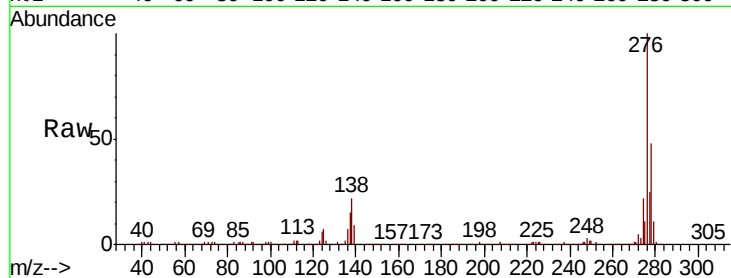




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 61.272 ng
 RT: 16.62 min Scan# 2428
 Delta R.T. 0.01 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

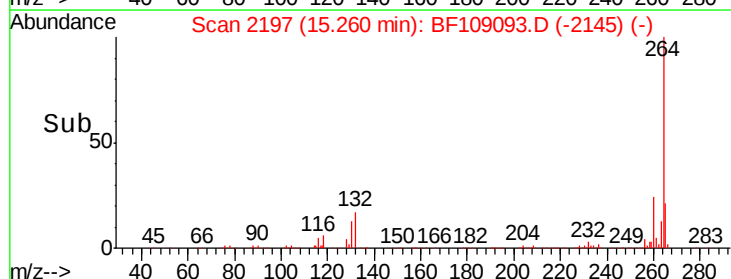
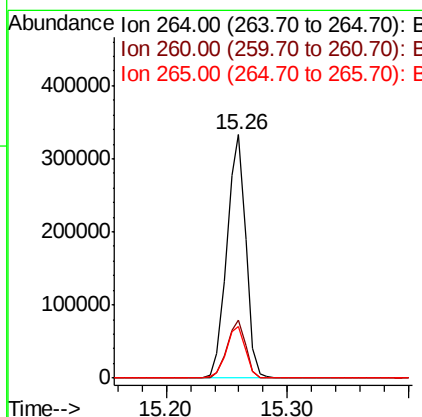
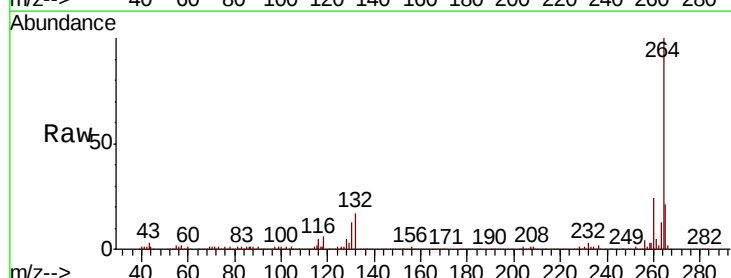
Instrument :
 BNA_F
 ClientSampleId :

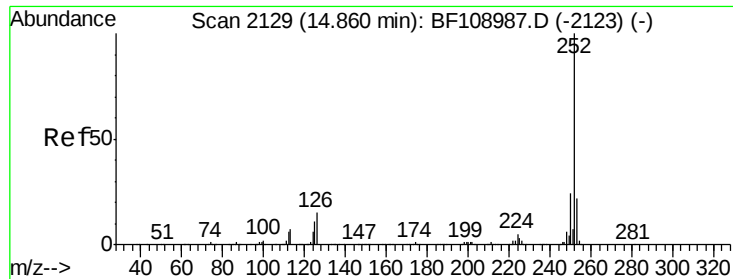
Tot Ion:276 Resp: 1004304
 Ion Ratio Lower Upper
 276 100
 138 24.8 25.0 37.6#
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF109093.D
 Acq: 18 Sep 2018 14:12

Tgt Ion:264 Resp: 361436
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.2 17.5 26.3

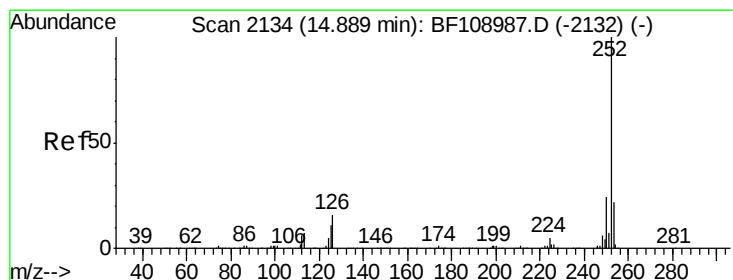
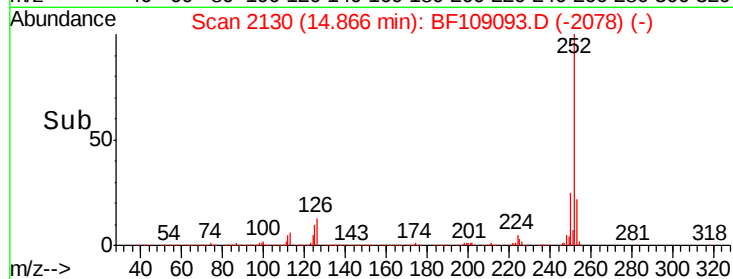
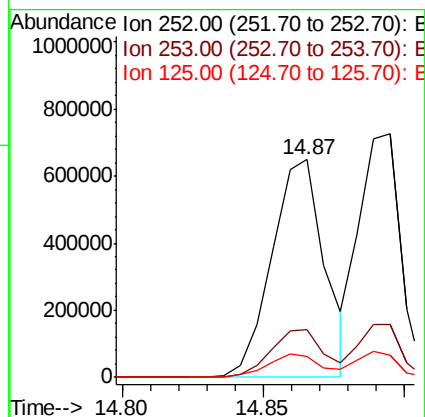
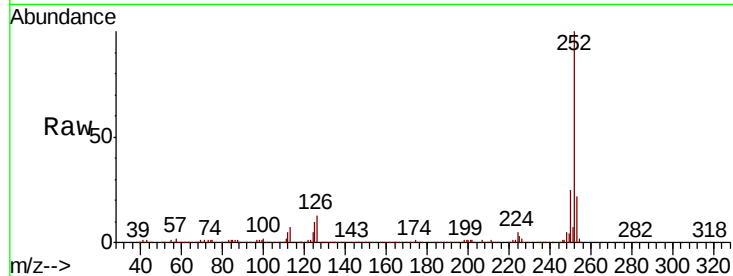




#87
Benzo(b)fluoranthene
Concen: 42.164 ng
RT: 14.87 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

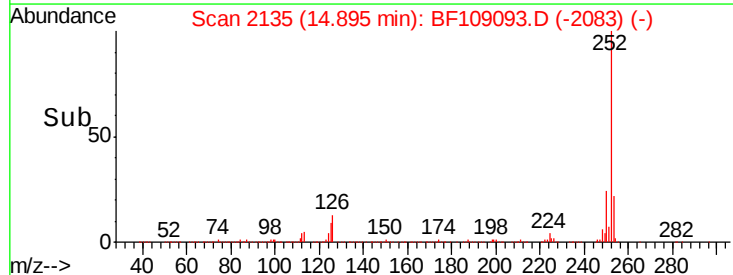
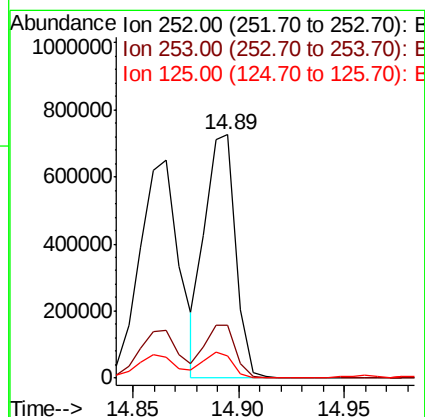
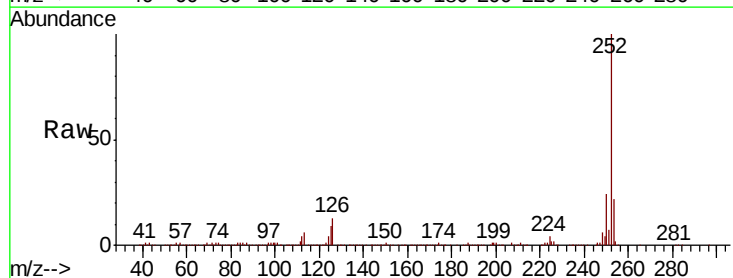
Instrument :
BNA_F
ClientSampled :

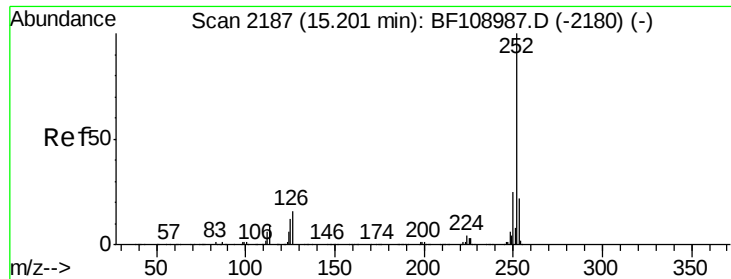
Tot Ion:252 Resp: 843086
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 9.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 39.426 ng
RT: 14.89 min Scan# 2135
Delta R.T. 0.01 min
Lab File: BF109093.D
Acq: 18 Sep 2018 14:12

Tgt Ion:252 Resp: 736324
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 9.0 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 43.005 ng

RT: 15.21 min Scan# 2188

Delta R.T. 0.01 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Instrument :

BNA_F

ClientSampleId :

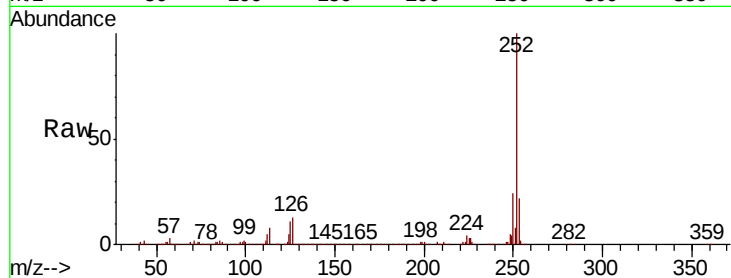
Tot Ion:252 Resp: 763650

Ion Ratio Lower Upper

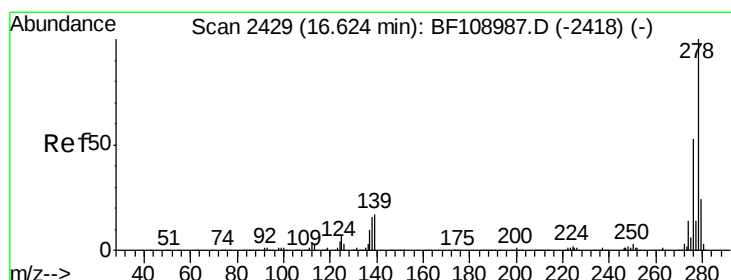
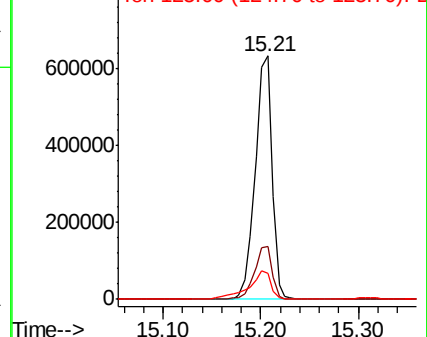
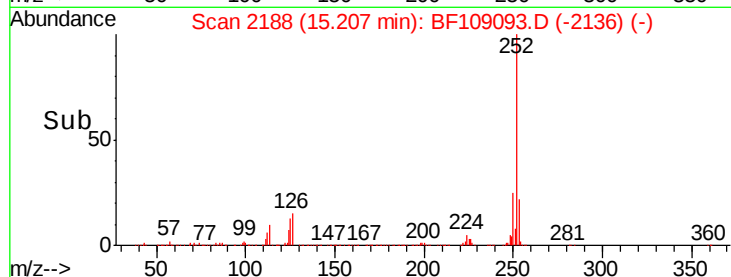
252 100

253 21.9 17.1 25.7

125 10.7 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 55.231 ng

RT: 16.64 min Scan# 2431

Delta R.T. 0.01 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

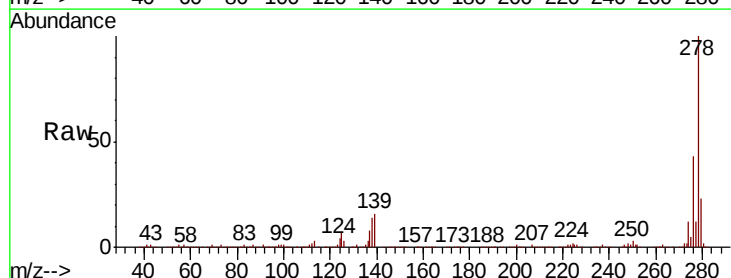
Tgt Ion:278 Resp: 823966

Ion Ratio Lower Upper

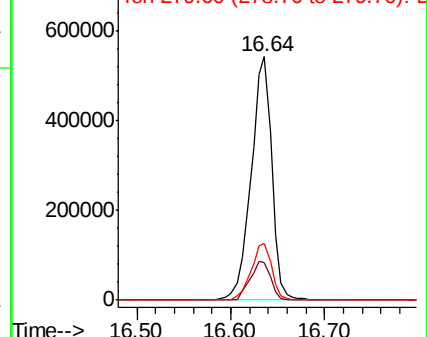
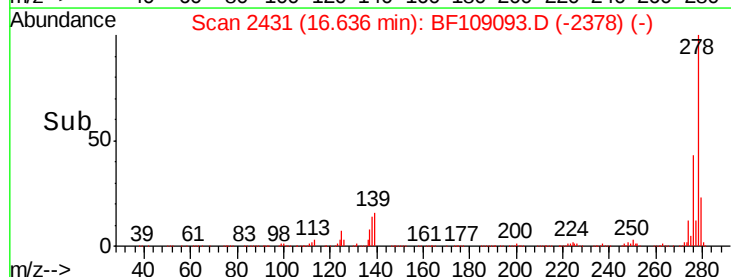
278 100

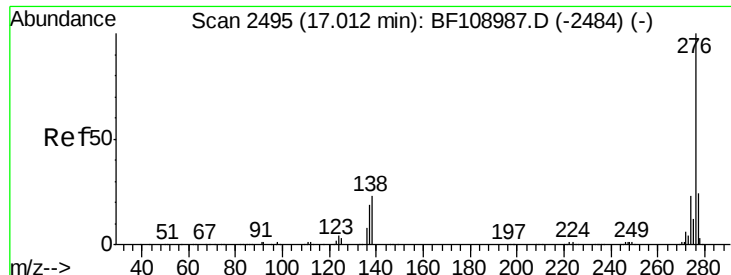
139 15.6 15.9 23.9#

279 23.3 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: 58.221 ng

RT: 17.03 min Scan# 2498

Delta R.T. 0.02 min

Lab File: BF109093.D

Acq: 18 Sep 2018 14:12

Instrument :

BNA_F

ClientSampleId :

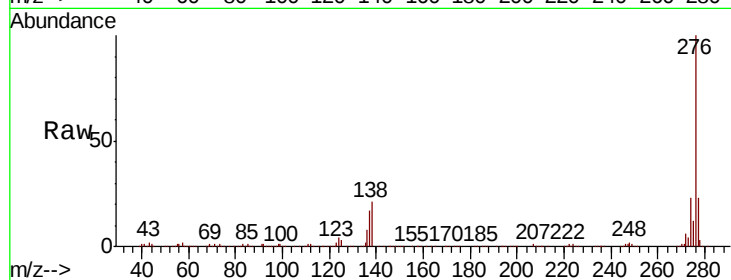
Tot Ion:276 Resp: 868377

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 20.9 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

