

Data Path : Z:\HPCHEM1\BNA F\Data\BF040617\
 Data File : BF094220.D
 Acq On : 6 Apr 2017 11:29
 Operator : SJ/MA
 Sample : PB98067BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98067BS

Quant Time: Apr 06 13:06:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.851	152	163489	20.00	ng	-0.05
21) Naphthalene-d8	7.357	136	659910	20.00	ng	-0.05
38) Acenaphthene-d10	9.498	164	312923	20.00	ng	-0.05
63) Phenanthrene-d10	11.321	188	565695	20.00	ng	-0.05
75) Chrysene-d12	14.574	240	451807	20.00	ng	-0.05
86) Perylene-d12	16.192	264	314075	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	4.398	112	1201662	124.14	ng	-0.04
7) Phenol-d6	5.469	99	1527198	127.54	ng	-0.04
23) Nitrobenzene-d5	6.504	82	942391	81.50	ng	-0.05
41) 2,4,6-Tribromophenol	10.474	330	352696	142.63	ng	-0.05
44) 2-Fluorobiphenyl	8.680	172	1769533	86.25	ng	-0.05
78) Terphenyl-d14	13.298	244	1568927	77.84	ng	-0.05

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.257	88	161797	34.79	ng	96
3) Pyridine	2.740	79	481484	37.99	ng	97
4) n-Nitrosodimethylamine	2.704	42	213705	40.98	ng	90
6) Aniline	5.481	93	295787	17.76	ng	# 1
8) 2-Chlorophenol	5.622	128	475071	44.65	ng	95
9) Benzaldehyde	5.345	77	153698	19.01	ng	98
10) Phenol	5.481	94	553073	40.59	ng	98
11) bis(2-Chloroethyl)ether	5.563	93	436740	41.01	ng	98
12) 1,3-Dichlorobenzene	5.786	146	494164	41.41	ng	99
13) 1,4-Dichlorobenzene	5.875	146	508451	42.06	ng	97
14) 1,2-Dichlorobenzene	6.051	146	475661	42.73	ng	96
15) Benzyl Alcohol	6.022	79	388806	44.36	ng	98
16) 2,2'-oxybis(1-Chloropr...	6.186	45	618842	37.71	ng	98
17) 2-Methylphenol	6.169	107	401109	44.02	ng	96
18) Hexachloroethane	6.439	117	176569	41.56	ng	# 84
19) n-Nitroso-di-n-propyla...	6.339	70	326550	42.43	ng	98
20) 3+4-Methylphenols	6.345	107	518006	46.94	ng	# 63
22) Acetophenone	6.328	105	653200	44.41	ng	# 88
24) Nitrobenzene	6.528	77	484031	42.44	ng	93
25) Isophorone	6.816	82	871520	42.89	ng	95
26) 2-Nitrophenol	6.904	139	268351	49.34	ng	99
27) 2,4-Dimethylphenol	6.975	122	441727	47.14	ng	97
28) bis(2-Chloroethoxy)met...	7.075	93	561228	41.89	ng	99
29) 2,4-Dichlorophenol	7.198	162	412983	47.13	ng	98
30) 1,2,4-Trichlorobenzene	7.292	180	395650	43.84	ng	99
31) Naphthalene	7.380	128	1348211	42.49	ng	100
32) Benzoic acid	7.139	122	285195	45.72	ng	95
33) 4-Chloroaniline	7.451	127	164556	12.80	ng	# 92
34) Hexachlorobutadiene	7.539	225	199311	43.07	ng	98
35) Caprolactam	7.898	113	68560	24.54	ng	96
36) 4-Chloro-3-methylphenol	8.075	107	447887	48.92	ng	90
37) 2-Methylnaphthalene	8.227	142	945551	44.70	ng	99
39) 1,2,4,5-Tetrachloroben...	8.433	216	344088	40.20	ng	99
40) Hexachlorocyclopentadiene	8.422	237	337121	84.16	ng	99

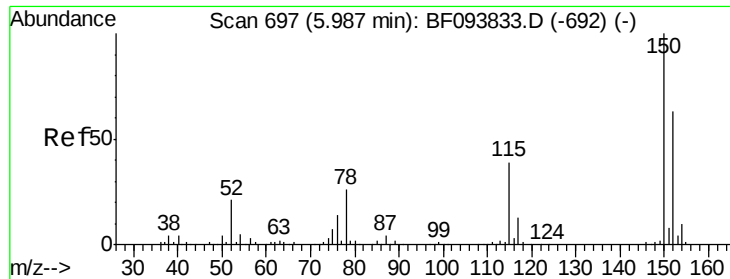
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.580	196	284040	46.90	nq	95
43) 2,4,5-Trichlorophenol	8.633	196	291080	44.42	nq	93
45) 1,1'-Biphenyl	8.798	154	1053377	41.73	nq	97
46) 2-Chloronaphthalene	8.822	162	846150	42.83	nq	96
47) 2-Nitroaniline	8.951	65	265706	45.33	nq	# 82
48) Acenaphthylene	9.327	152	1353726	41.23	nq	99
49) Dimethylphthalate	9.192	163	1027795	46.21	nq	99
50) 2,6-Dinitrotoluene	9.257	165	236798	46.44	nq	92
51) Acenaphthene	9.539	154	807853	42.16	nq	99
52) 3-Nitroaniline	9.451	138	126263	21.09	nq	92
53) 2,4-Dinitrophenol	9.598	184	235761	86.03	nq	# 63
54) Dibenzofuran	9.757	168	1166405	44.72	nq	99
55) 4-Nitrophenol	9.704	139	378541	80.73	nq	# 66
56) 2,4-Dinitrotoluene	9.751	165	287850	44.94	nq	# 64
57) Fluorene	10.174	166	908903	42.02	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.910	232	224247	49.87	nq	97
59) Diethylphthalate	10.063	149	998589	45.42	nq	99
60) 4-Chlorophenyl-phenyle...	10.180	204	389901	42.31	nq	93
61) 4-Nitroaniline	10.216	138	260113	45.27	nq	96
62) Azobenzene	10.374	77	974067	46.84	nq	96
64) 4,6-Dinitro-2-methylph...	10.257	198	164537	47.49	nq	# 75
65) n-Nitrosodiphenylamine	10.333	169	860315	43.98	nq	99
66) 4-Bromophenyl-phenylether	10.780	248	245812	44.18	nq	99
67) Hexachlorobenzene	10.851	284	249215	44.25	nq	# 86
68) Atrazine	11.004	200	232149	39.62	nq	95
69) Pentachlorophenol	11.098	266	270204	77.08	nq	99
70) Phenanthrene	11.351	178	1355107	43.06	nq	99
71) Anthracene	11.416	178	1397534	43.13	nq	99
72) Carbazole	11.621	167	1336538	40.23	nq	98
73) Di-n-butylphthalate	12.068	149	1604854	46.45	nq	100
74) Fluoranthene	12.815	202	1413807	43.88	nq	99
76) Benzidine	12.980	184	203184	11.36	nq	# 93
77) Pyrene	13.092	202	1435773	43.79	nq	99
79) Butylbenzylphthalate	13.909	149	686134	49.11	nq	89
80) Benzo(a)anthracene	14.562	228	1176955	44.67	nq	98
81) 3,3'-Dichlorobenzidine	14.533	252	242633	25.77	nq	# 96
82) Chrysene	14.604	228	1031351	42.18	nq	99
83) Bis(2-ethylhexyl)phtha...	14.621	149	932612	48.93	nq	# 99
84) Di-n-octyl phthalate	15.374	149	1531533	48.10	nq	97
85) Indeno(1,2,3-cd)pyrene	17.515	276	772785	36.50	nq	99
87) Benzo(b)fluoranthene	15.792	252	893386	46.41	nq	98
88) Benzo(k)fluoranthene	15.821	252	875452	46.48	nq	97
89) Benzo(a)pyrene	16.139	252	795933	44.90	nq	100
90) Dibenzo(a,h)anthracene	17.539	278	639400	42.59	nq	99
91) Benzo(g,h,i)perylene	17.909	276	652171	43.10	nq	98

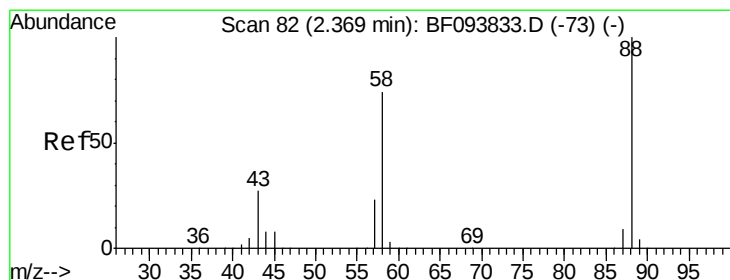
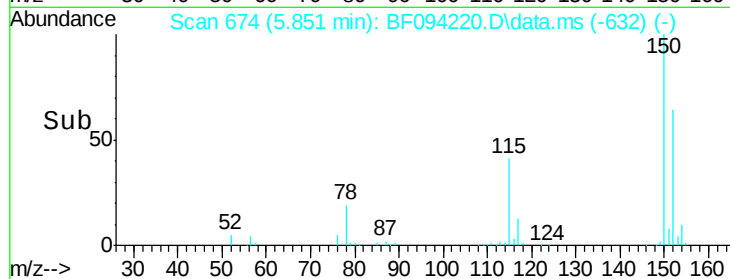
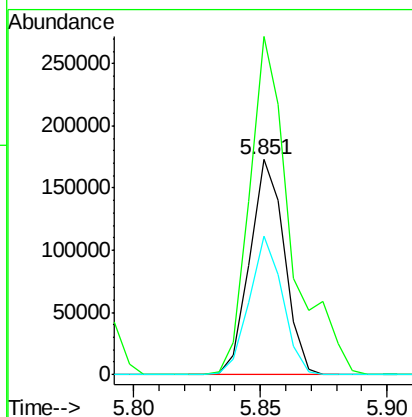
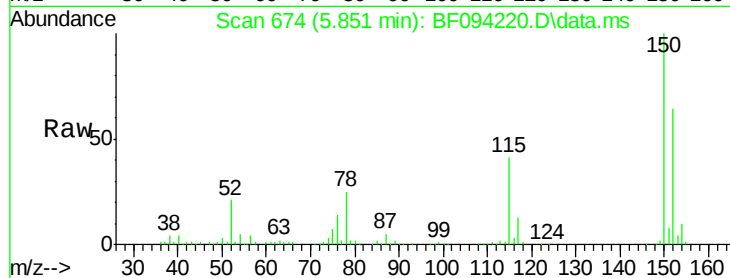
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.851 min Scan# 67
 Delta R.T. -0.053 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

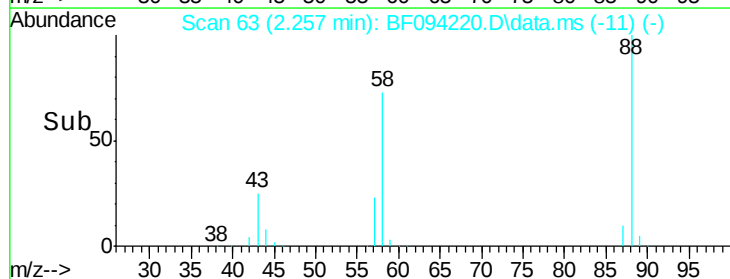
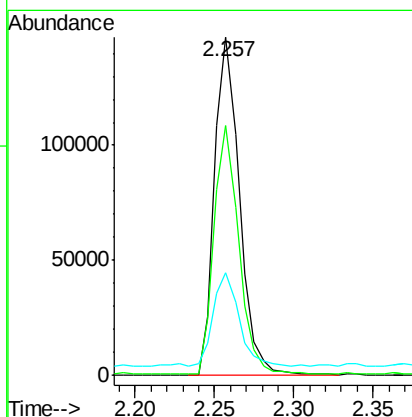
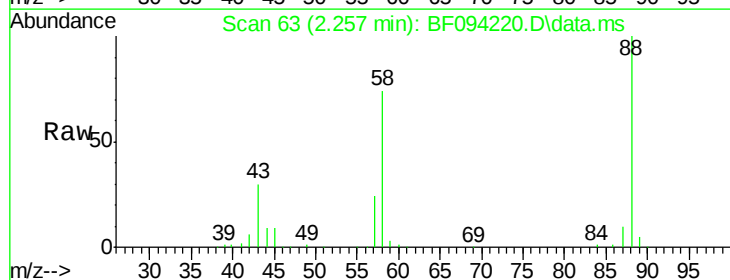
Instrument :
 BNA_F
 ClientSampleId :
 PB98067BS

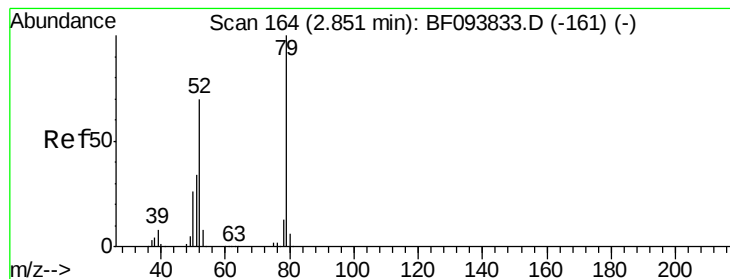
Tot Ion:152 Resp: 163489
 Ion Ratio Lower Upper
 152 100
 150 157.3 126.2 189.2
 115 64.4 52.2 78.2



#2
 1,4-Dioxane
 Concen: 34.79 ng
 RT: 2.257 min Scan# 63
 Delta R.T. 0.006 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Tgt Ion: 88 Resp: 161797
 Ion Ratio Lower Upper
 88 100
 58 72.3 61.4 92.0
 43 29.8 23.4 35.0





#3

Pvridine

Concen: 37.99 ng

RT: 2.740 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

ClientSampleId :

PB98067BS

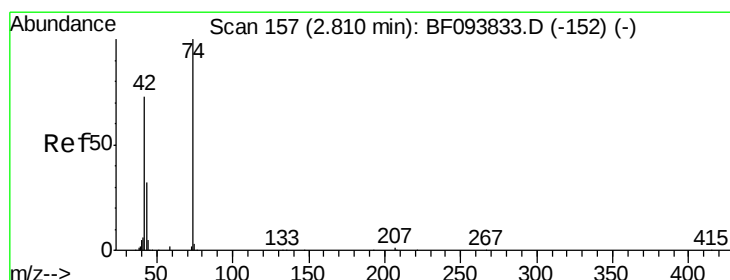
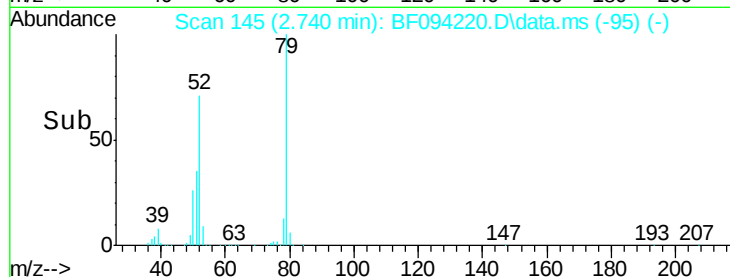
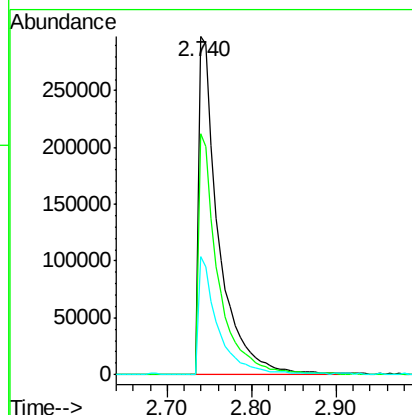
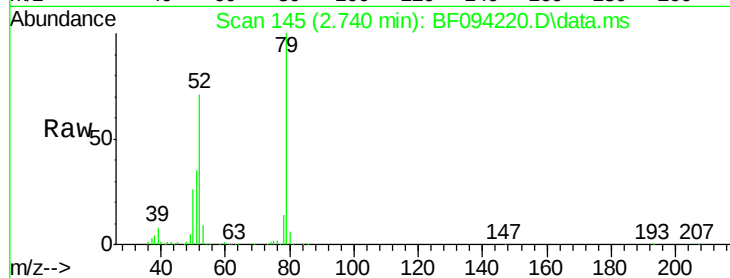
Tot Ion: 79 Resp: 481484

Ion Ratio Lower Upper

79 100

52 71.2 54.8 82.2

51 34.7 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 40.98 ng

RT: 2.704 min Scan# 139

Delta R.T. -0.012 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

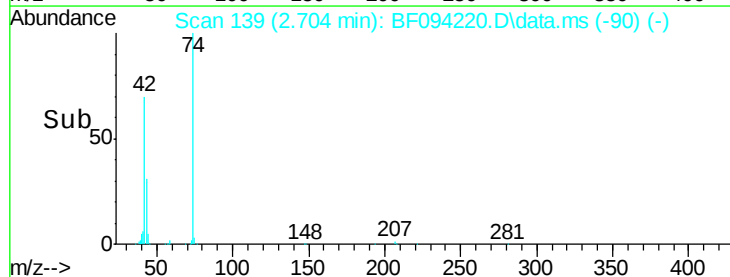
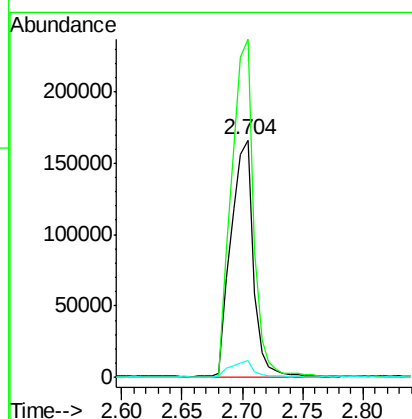
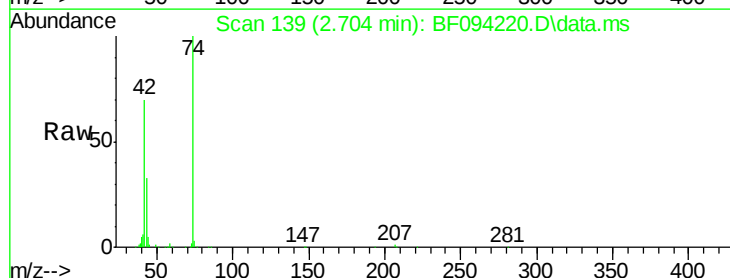
Tgt Ion: 42 Resp: 213705

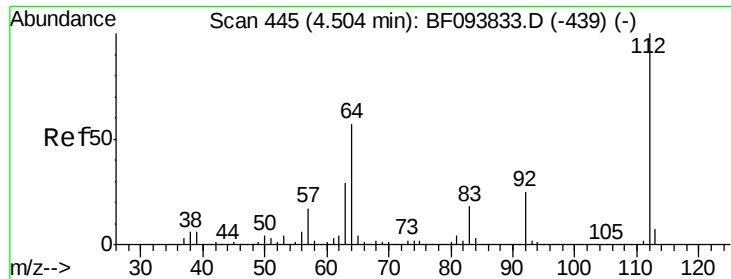
Ion Ratio Lower Upper

42 100

74 142.6 103.9 155.9

44 7.3 5.7 8.5





#5

2-Fluorophenol

Concen: 124.14 ng

RT: 4.398 min Scan# 42

Delta R.T. -0.036 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

ClientSampleId :

PB98067BS

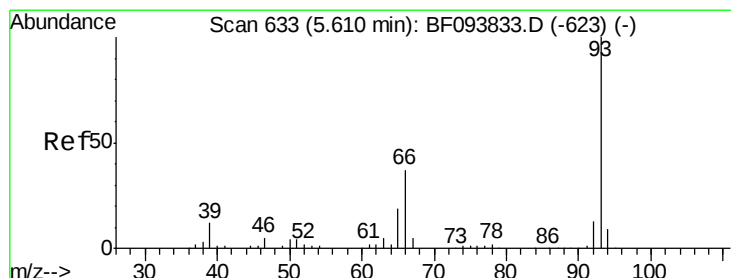
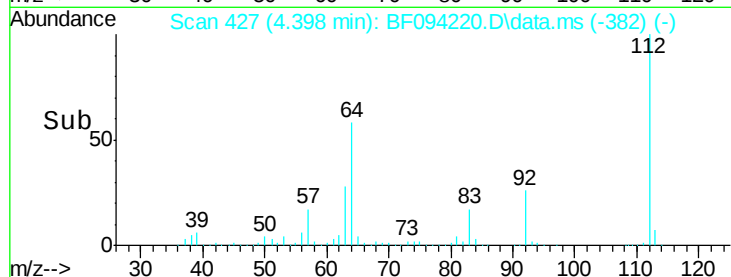
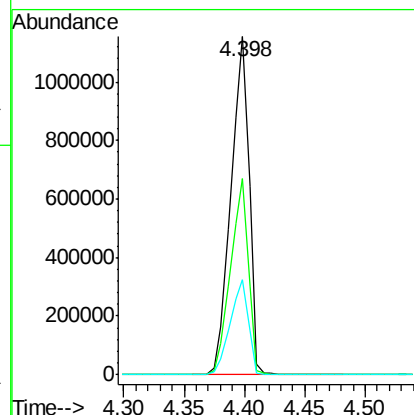
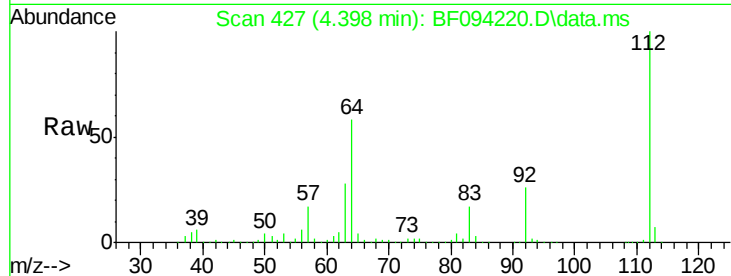
Tot Ion:112 Resp: 1201662

Ion Ratio Lower Upper

112 100

64 57.8 46.0 69.0

63 28.2 23.4 35.0



#6

Aniline

Concen: 17.76 ng

RT: 5.481 min Scan# 611

Delta R.T. -0.047 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

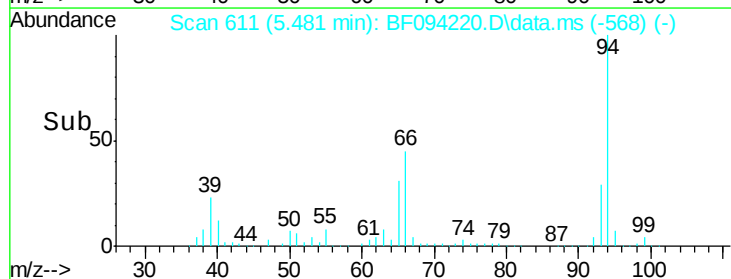
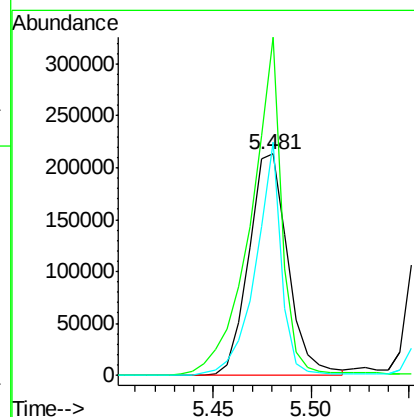
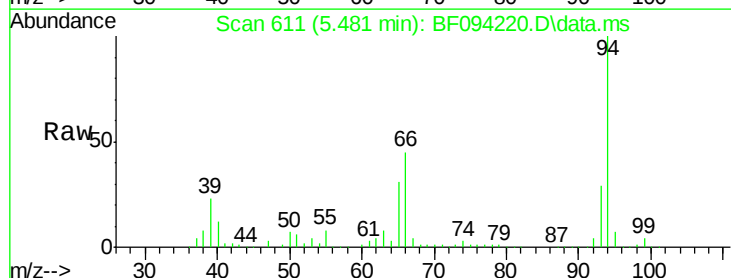
Tgt Ion: 93 Resp: 295787

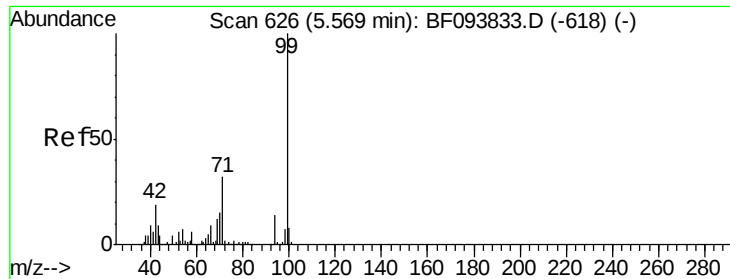
Ion Ratio Lower Upper

93 100

66 152.7 32.9 49.3#

65 105.3 16.0 24.0#





#7

Phenol-d6

Concen: 127.54 ng

RT: 5.469 min Scan# 60

Delta R.T. -0.041 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

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ClientSampleId :

PB98067BS

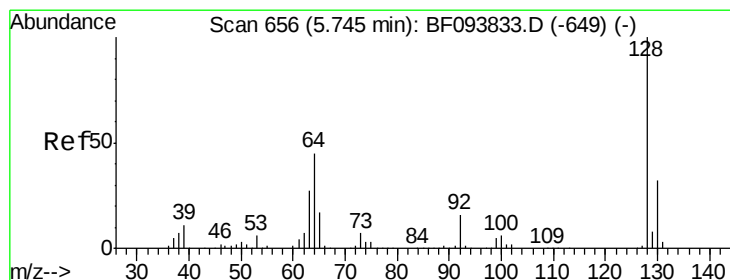
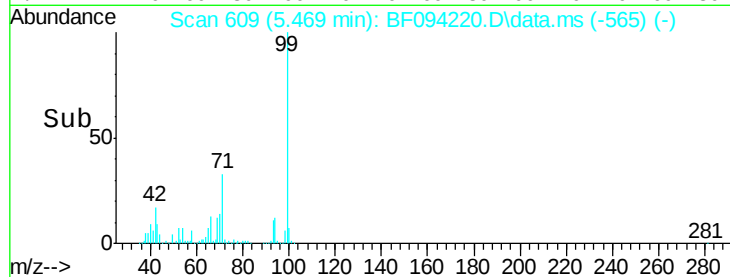
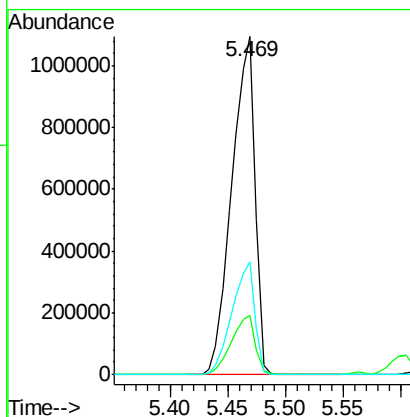
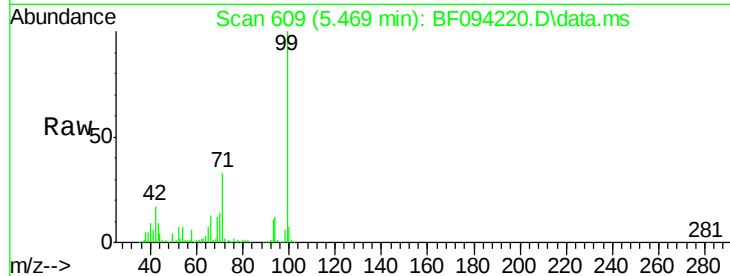
Tot Ion: 99 Resp: 1527198

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

71 33.2 24.5 36.7



#8

2-Chlorophenol

Concen: 44.65 ng

RT: 5.622 min Scan# 635

Delta R.T. -0.047 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

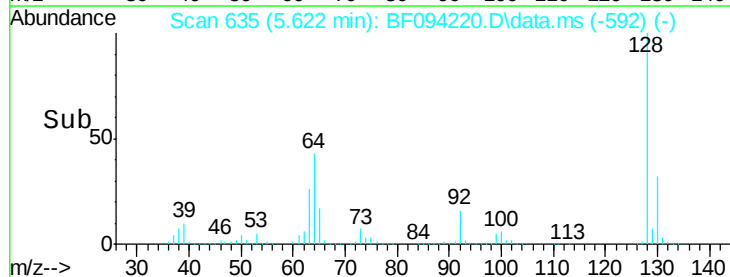
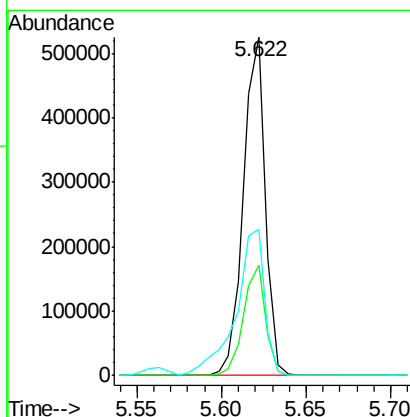
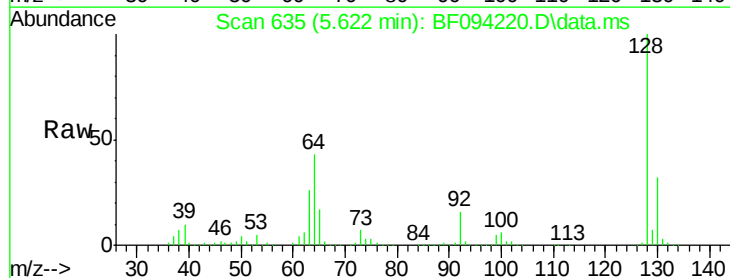
Tgt Ion: 128 Resp: 475071

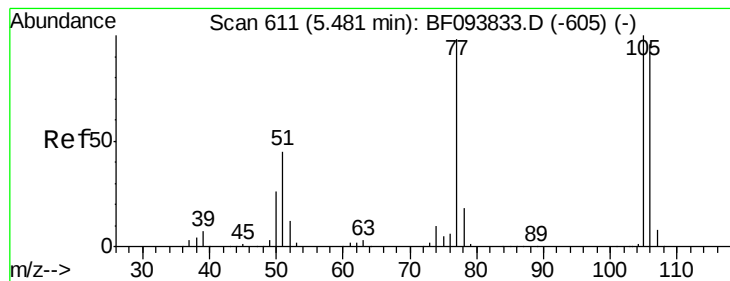
Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

64 43.1 28.4 68.4





#9

Benzaldehyde

Concen: 19.01 ng

RT: 5.345 min Scan# 58

Delta R.T. -0.053 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

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ClientSampleId :

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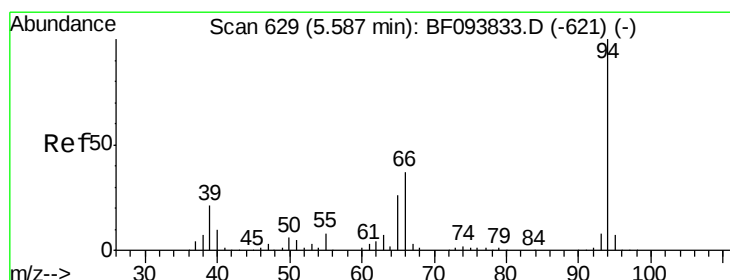
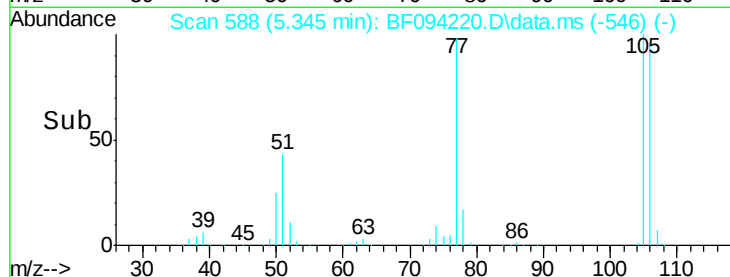
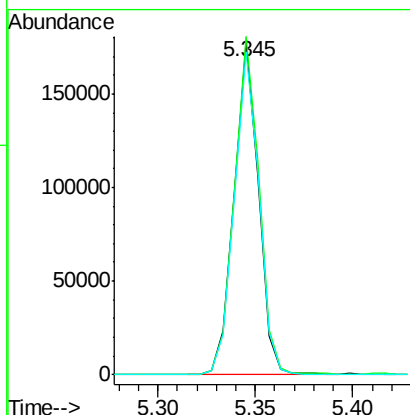
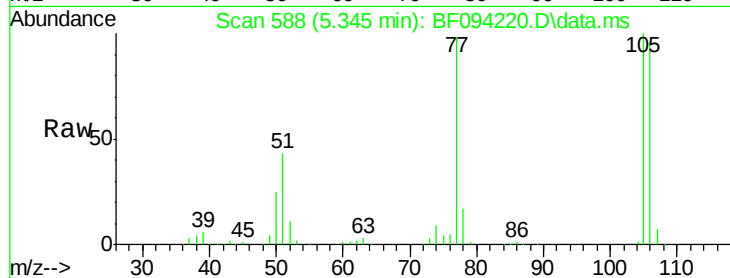
Tot Ion: 77 Resp: 153698

Ion Ratio Lower Upper

77 100

105 101.8 83.8 123.8

106 97.3 79.1 119.1



#10

Phenol

Concen: 40.59 ng

RT: 5.481 min Scan# 611

Delta R.T. -0.047 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

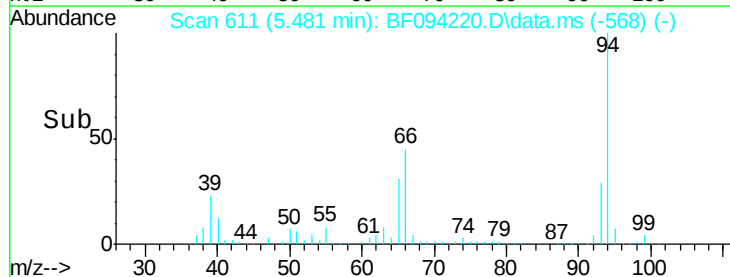
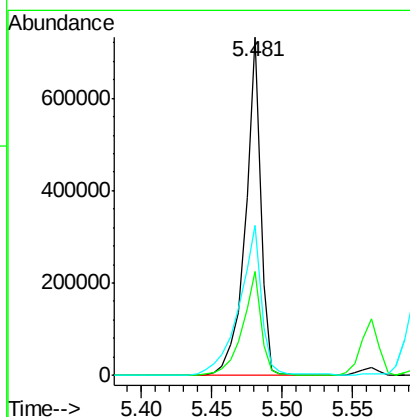
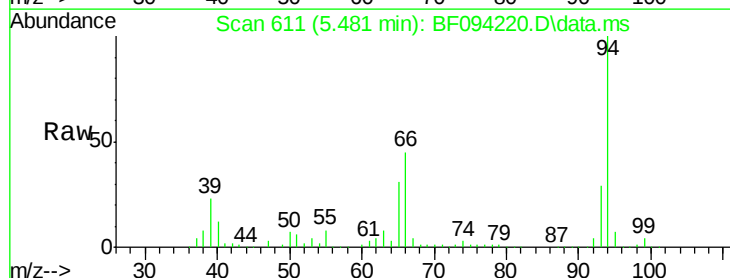
Tgt Ion: 94 Resp: 553073

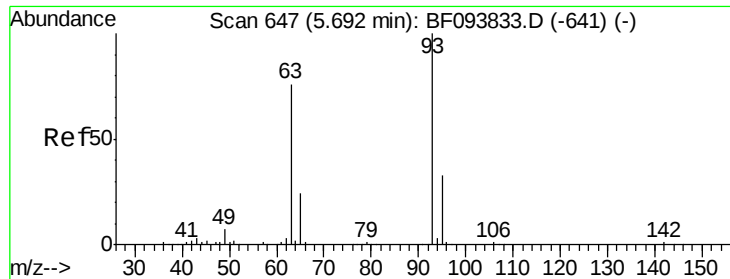
Ion Ratio Lower Upper

94 100

65 30.7 9.9 49.9

66 44.5 23.1 63.1

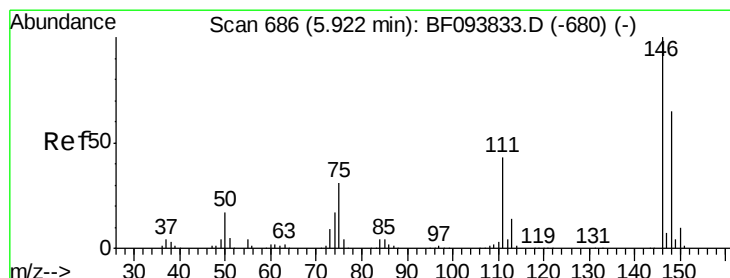
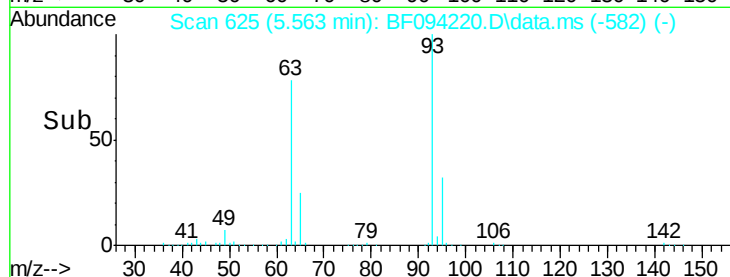
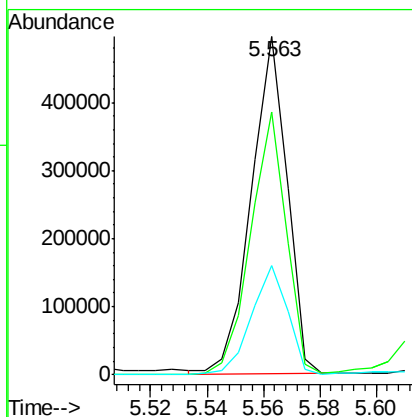
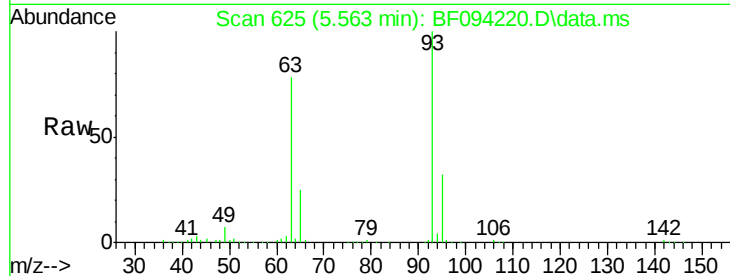




#11
bis(2-Chloroethyl)ether
Concen: 41.01 ng
RT: 5.563 min Scan# 62
Delta R.T. -0.047 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

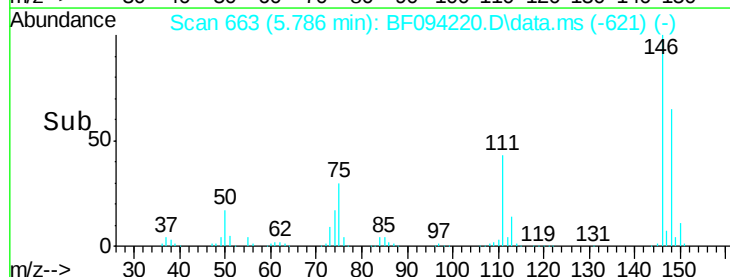
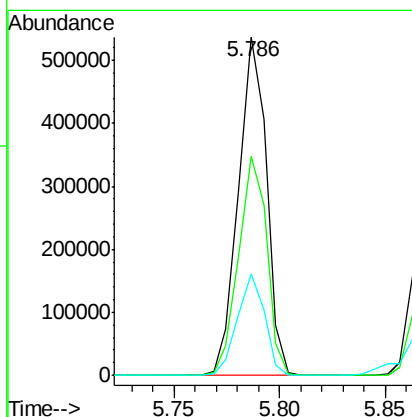
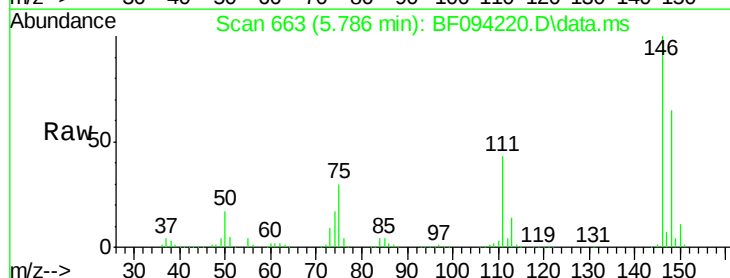
Instrument :
BNA_F
ClientSampleId :
PB98067BS

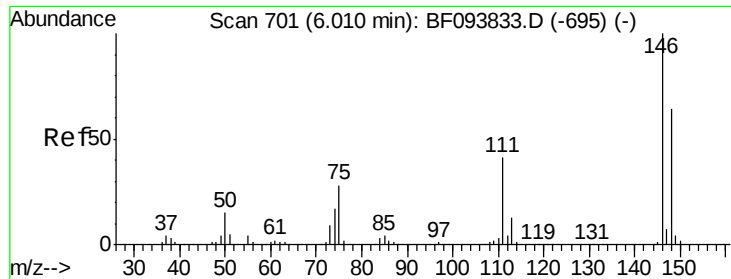
Tot Ion: 93 Resp: 436740
Ion Ratio Lower Upper
93 100
63 77.7 59.2 99.2
95 32.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.41 ng
RT: 5.786 min Scan# 663
Delta R.T. -0.053 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion: 146 Resp: 494164
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.6
75 29.8 23.1 34.7

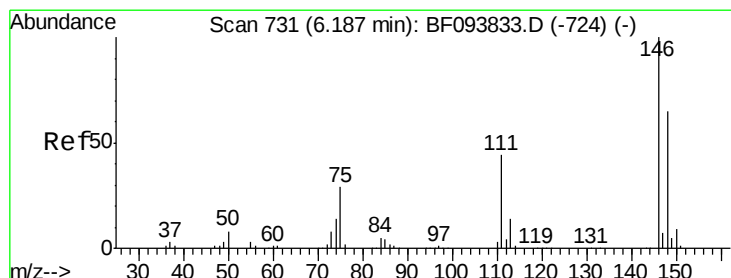
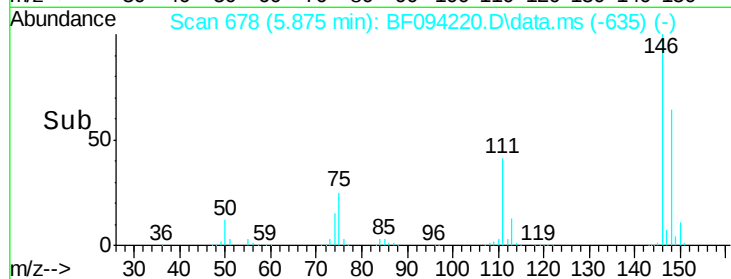
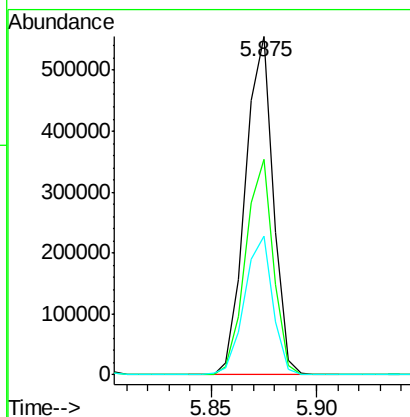
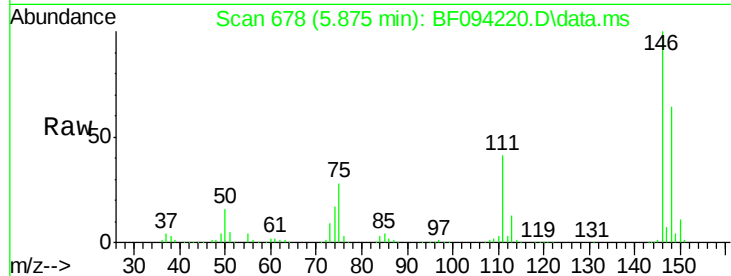




#13
 1,4-Dichlorobenzene
 Concen: 42.06 ng
 RT: 5.875 min Scan# 67
 Delta R.T. -0.047 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

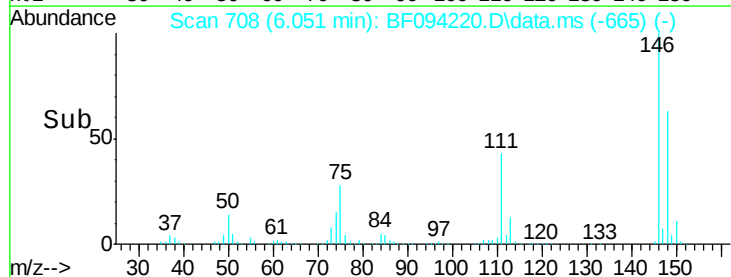
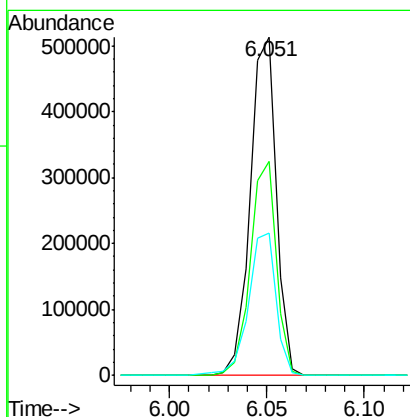
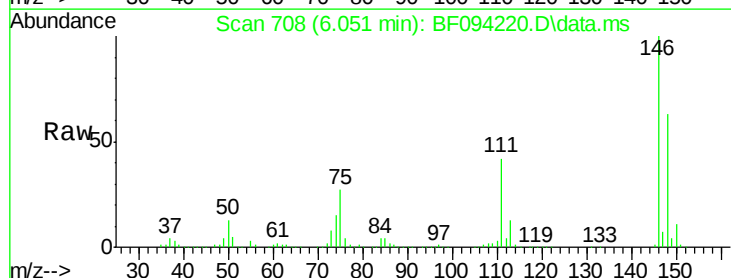
Instrument :
 BNA_F
 ClientSampleId :
 PB98067BS

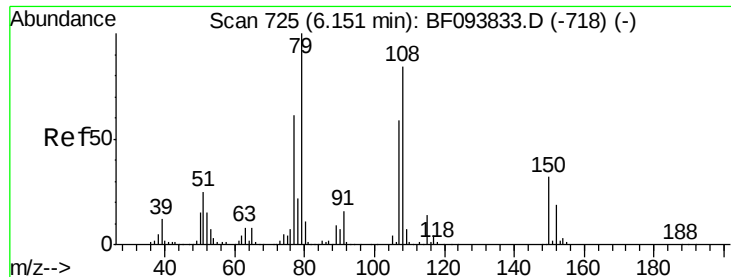
Tot Ion:146 Resp: 508451
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.2 78.2
 111 40.8 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 42.73 ng
 RT: 6.051 min Scan# 708
 Delta R.T. -0.047 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Tgt Ion:146 Resp: 475661
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.4 75.6
 111 41.9 38.2 57.4

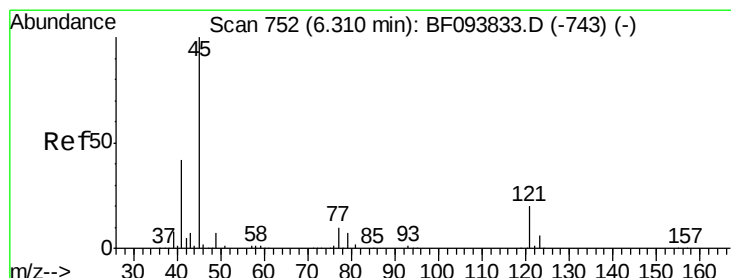
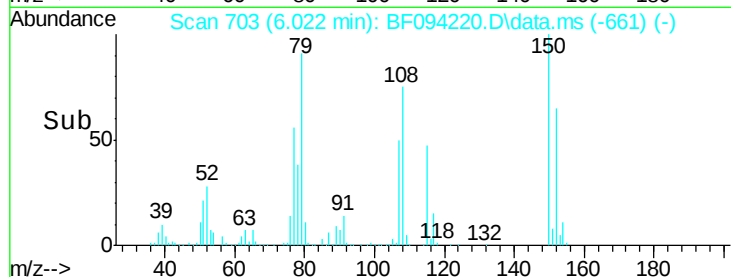
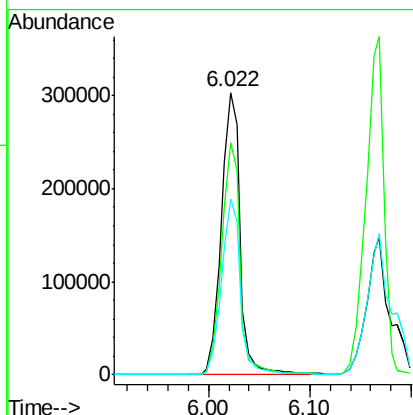
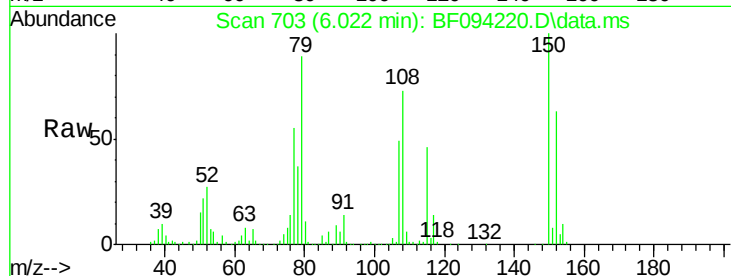




#15
Benzyl Alcohol
Concen: 44.36 ng
RT: 6.022 min Scan# 70
Delta R.T. -0.053 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

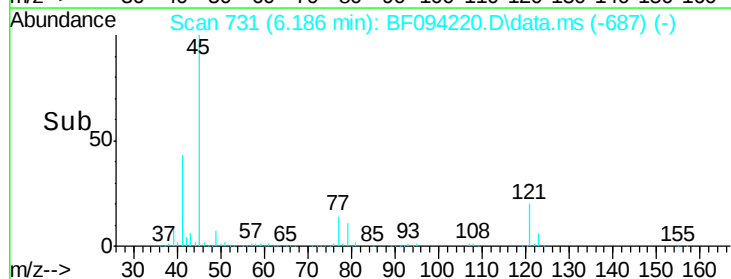
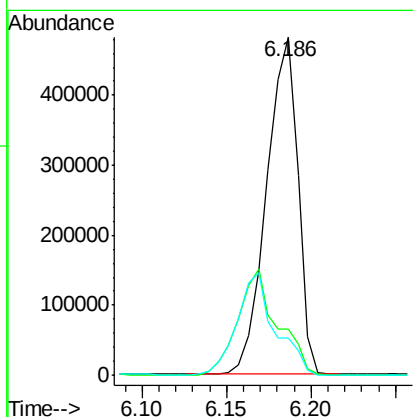
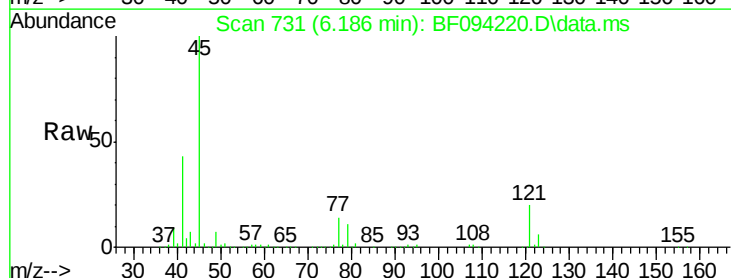
Instrument :
BNA_F
ClientSampleId :
PB98067BS

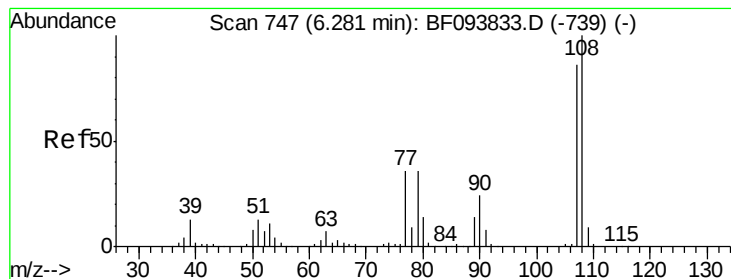
Tot Ion: 79 Resp: 388806
Ion Ratio Lower Upper
79 100
108 82.1 63.4 95.0
77 62.1 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.71 ng
RT: 6.186 min Scan# 731
Delta R.T. -0.041 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion: 45 Resp: 618842
Ion Ratio Lower Upper
45 100
77 13.8 0.0 33.2
79 11.1 0.0 30.0





#17

2-Methylphenol

Concen: 44.02 ng

RT: 6.169 min Scan# 72

Delta R.T. -0.047 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

ClientSampleId :

PB98067BS

Tot Ion:107 Resp: 401109

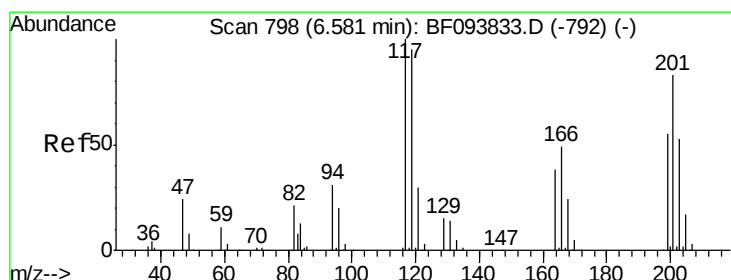
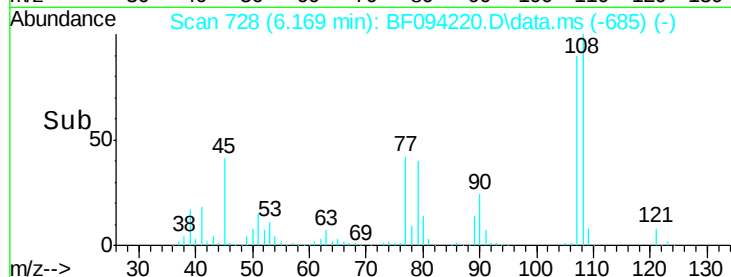
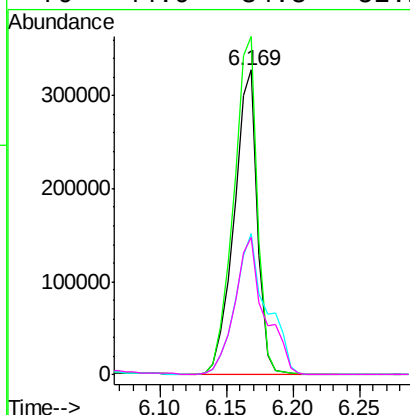
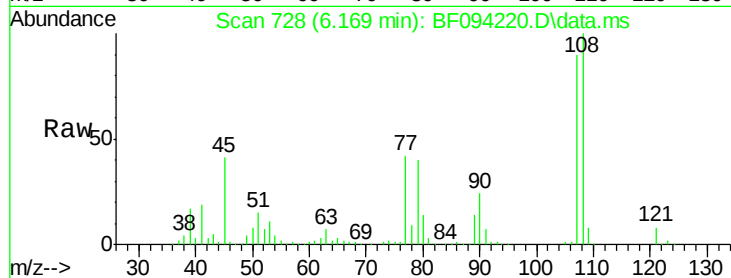
Ion Ratio Lower Upper

107 100

108 111.0 93.4 140.0

77 46.4 35.8 53.6

79 44.9 34.8 52.2



#18

Hexachloroethane

Concen: 41.56 ng

RT: 6.439 min Scan# 774

Delta R.T. -0.053 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

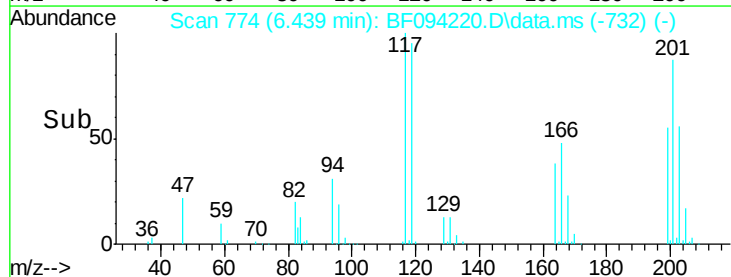
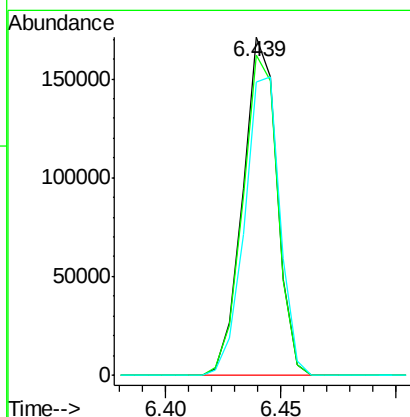
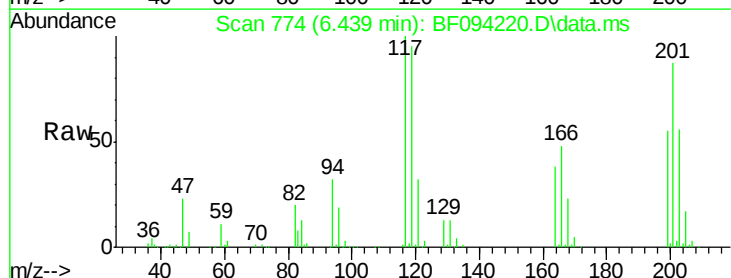
Tgt Ion:117 Resp: 176569

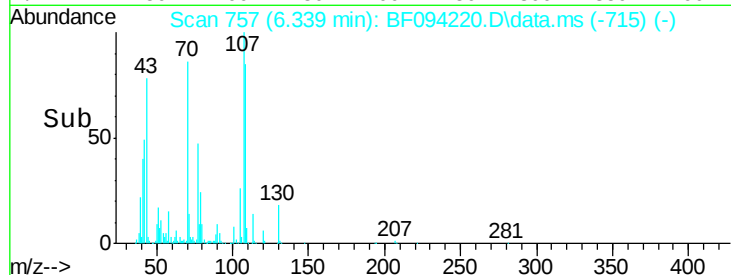
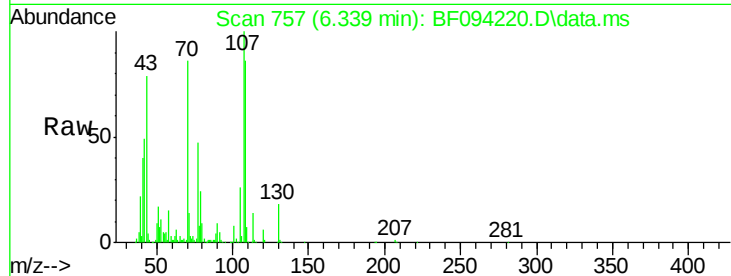
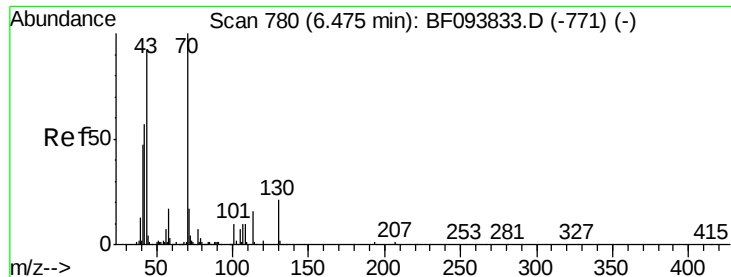
Ion Ratio Lower Upper

117 100

119 94.8 77.4 116.0

201 86.9 94.6 141.8#

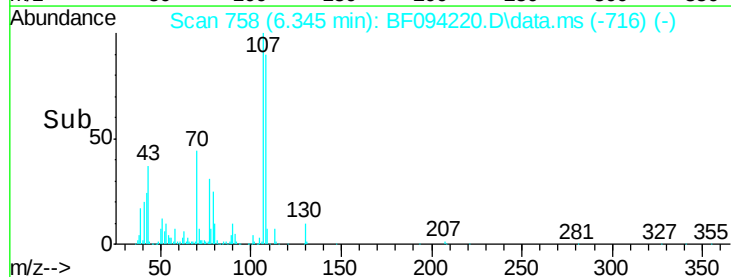
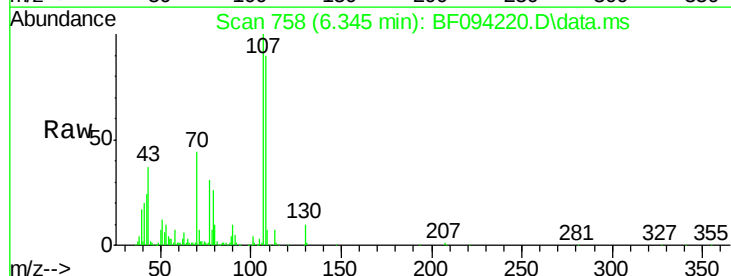
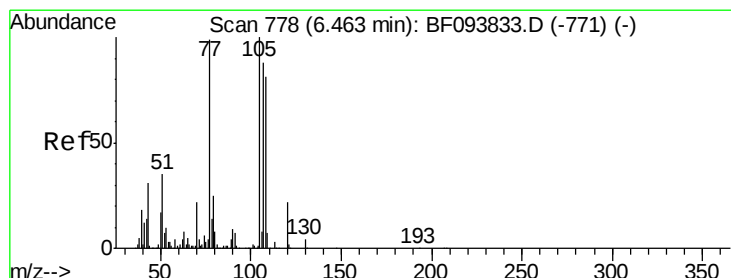
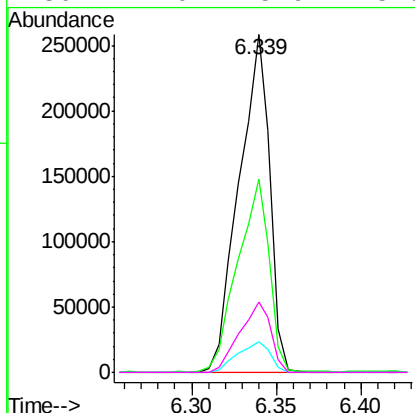




#19
n-Nitroso-di-n-propylamine
Concen: 42.43 ng
RT: 6.339 min Scan# 75
Delta R.T. -0.053 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

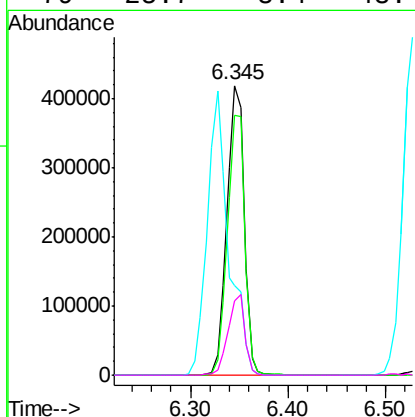
Instrument :
BNA_F
ClientSampleId :
PB98067BS

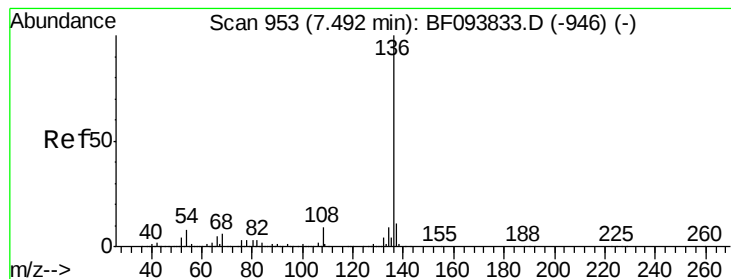
Tot Ion:	70	Resp:	326550
Ion	Ratio	Lower	Upper
70	100		
42	57.3	47.2	70.8
101	9.0	7.2	10.8
130	21.0	15.9	23.9



#20
3+4-Methylphenols
Concen: 46.94 ng
RT: 6.345 min Scan# 758
Delta R.T. -0.053 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion:	107	Resp:	518006
Ion	Ratio	Lower	Upper
107	100		
108	89.7	71.0	111.0
77	30.9	90.5	130.5#
79	25.7	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.357 min Scan# 93

Delta R.T. -0.053 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

ClientSampleId :

PB98067BS

Tot Ion:136 Resp: 659910

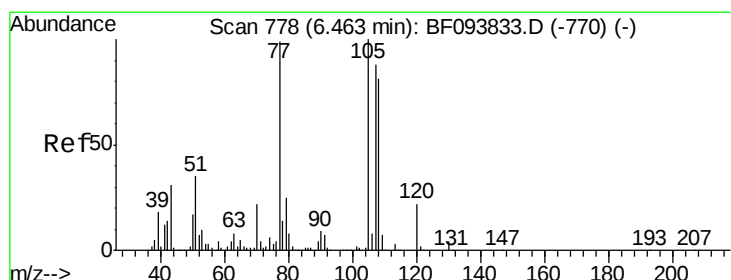
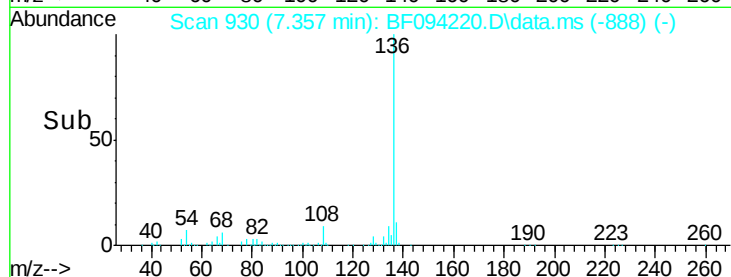
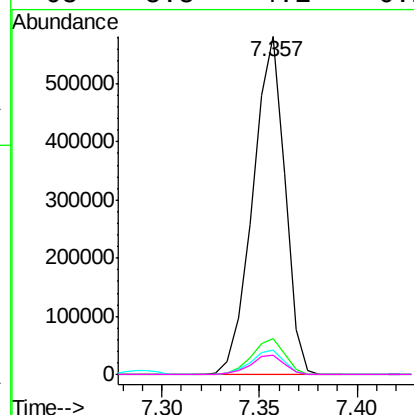
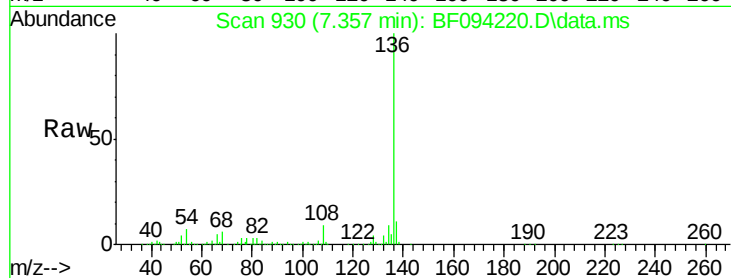
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.2 4.9 7.3

68 5.8 4.1 6.1



#22

Acetophenone

Concen: 44.41 ng

RT: 6.328 min Scan# 755

Delta R.T. -0.053 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Tgt Ion:105 Resp: 653200

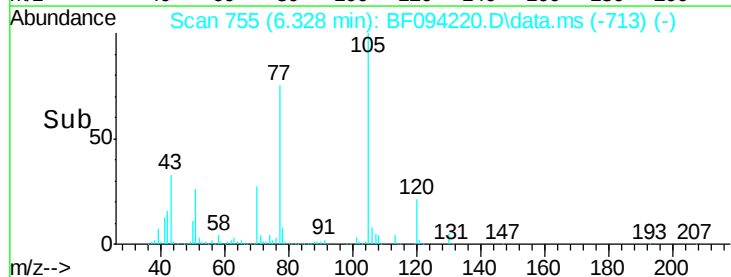
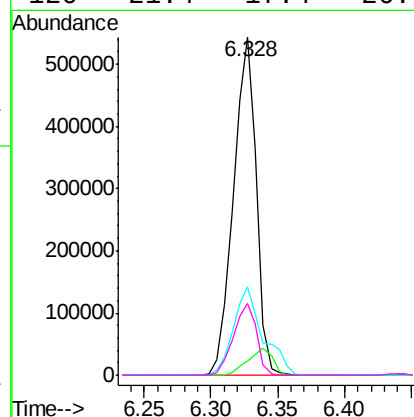
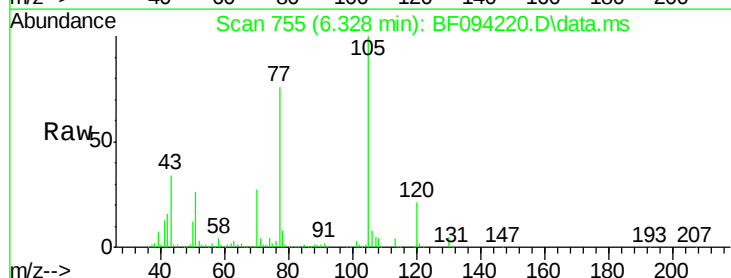
Ion Ratio Lower Upper

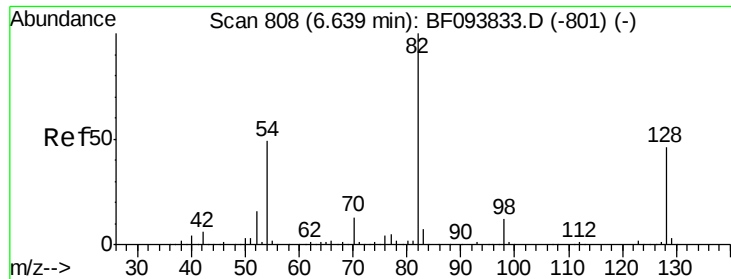
105 100

71 4.1 2.8 4.2

51 26.3 30.7 46.1#

120 21.4 17.4 26.0





#23

Nitrobenzene-d5

Concen: 81.50 ng

RT: 6.504 min Scan# 78

Delta R.T. -0.053 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

ClientSampleId :

PB98067BS

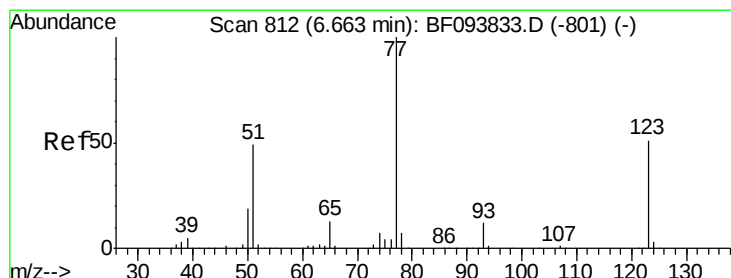
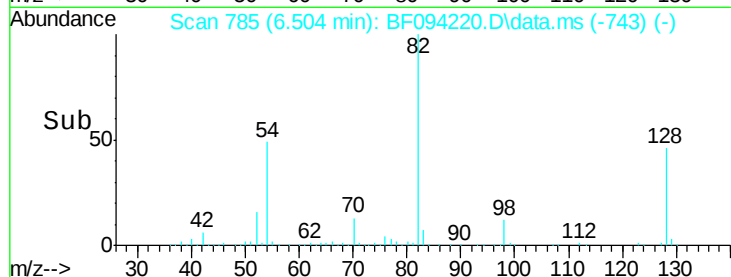
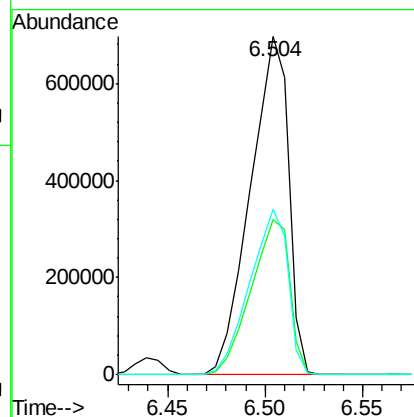
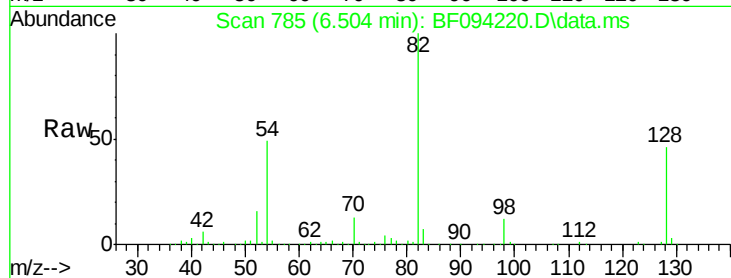
Tot Ion: 82 Resp: 942391

Ion Ratio Lower Upper

82 100

128 46.0 34.0 51.0

54 48.9 42.2 63.2



#24

Nitrobenzene

Concen: 42.44 ng

RT: 6.528 min Scan# 789

Delta R.T. -0.053 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

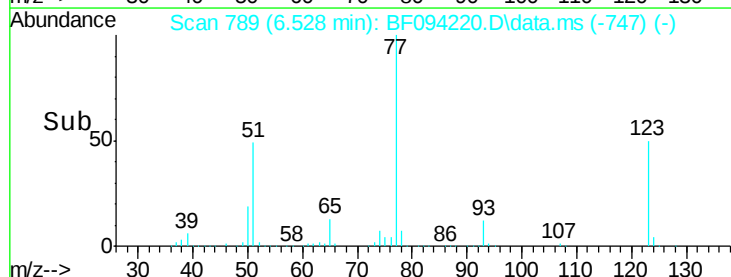
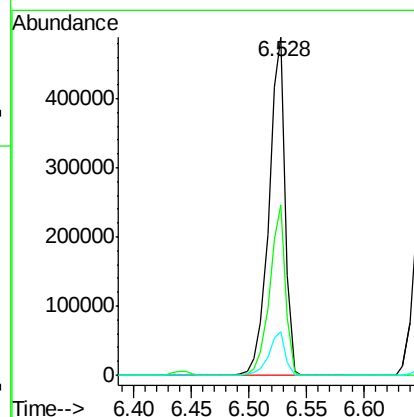
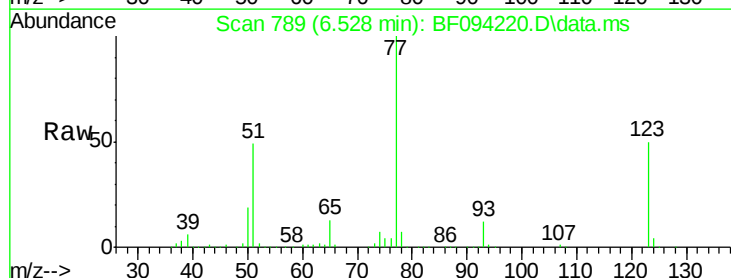
Tgt Ion: 77 Resp: 484031

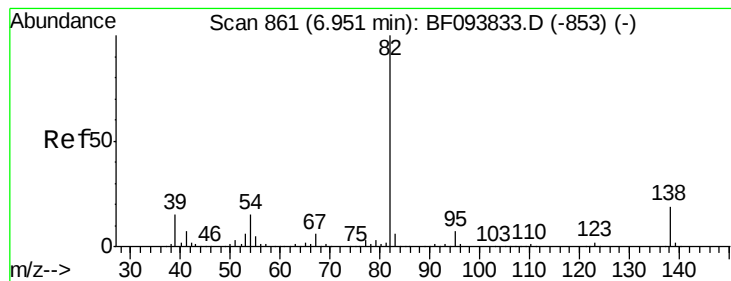
Ion Ratio Lower Upper

77 100

123 50.4 35.8 53.8

65 13.1 10.6 15.8





#25

Isophorone

Concen: 42.89 ng

RT: 6.816 min Scan# 83

Delta R.T. -0.053 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

ClientSampleId :

PB98067BS

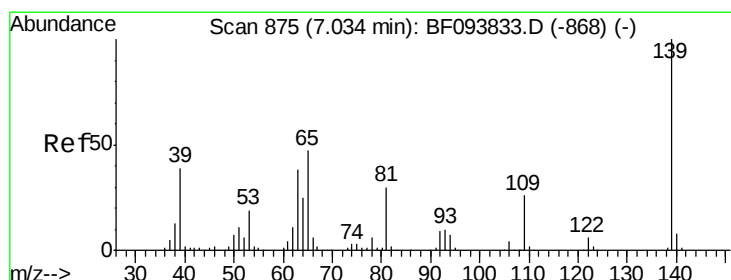
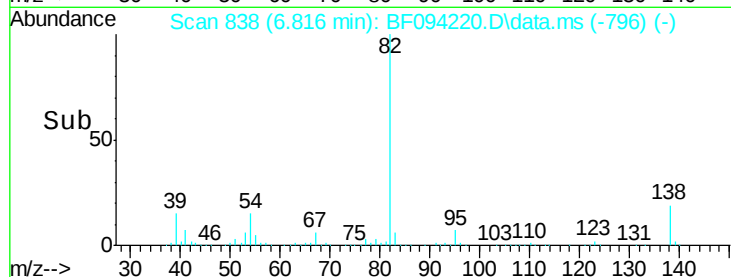
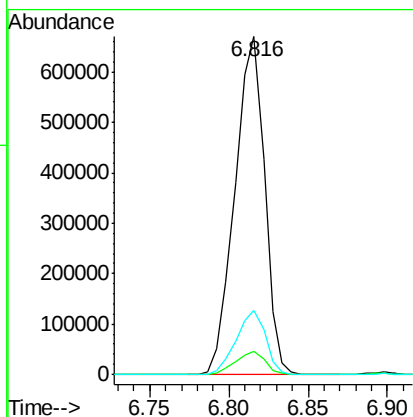
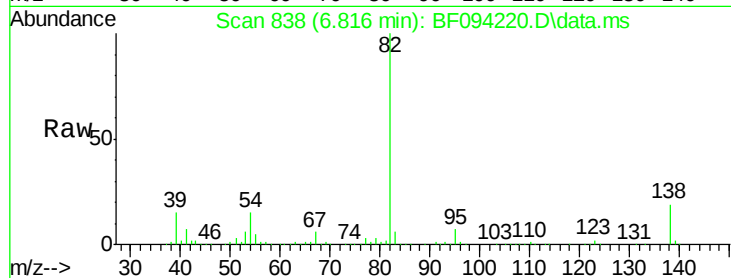
Tot Ion: 82 Resp: 871520

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 19.1 13.1 19.7



#26

2-Nitrophenol

Concen: 49.34 ng

RT: 6.904 min Scan# 853

Delta R.T. -0.047 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

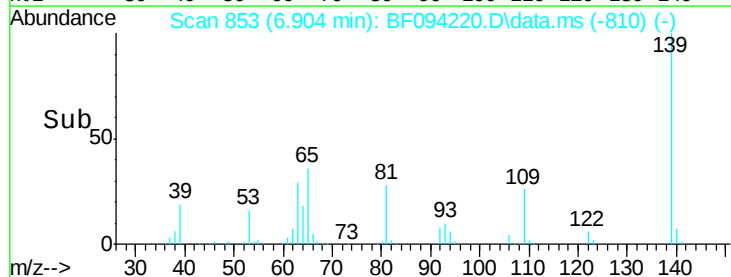
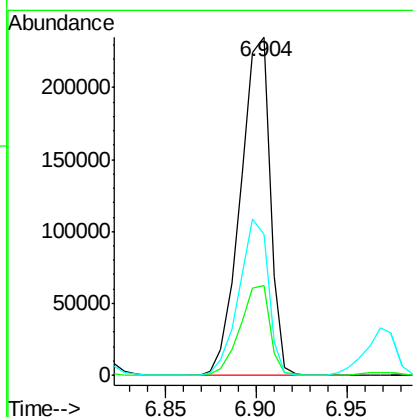
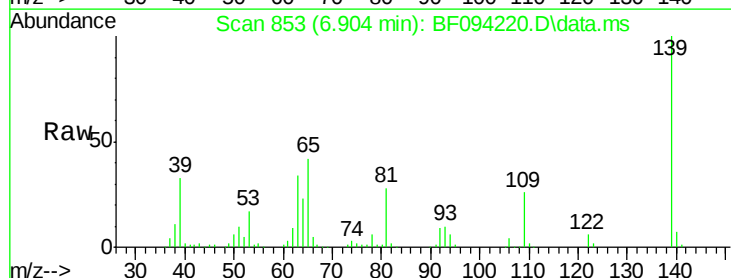
Tgt Ion: 139 Resp: 268351

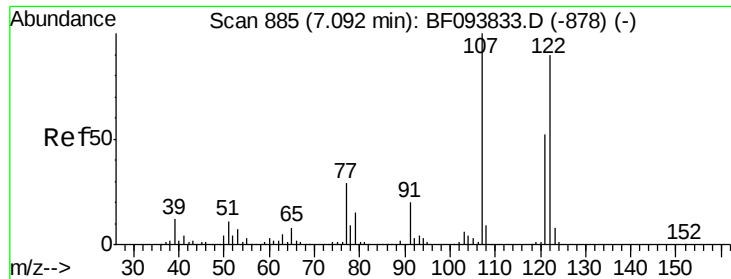
Ion Ratio Lower Upper

139 100

109 26.5 21.0 31.6

65 41.8 33.0 49.6

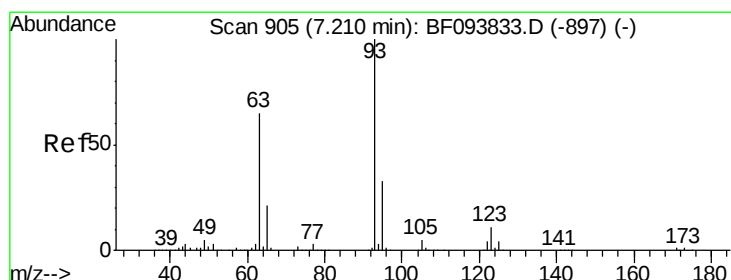
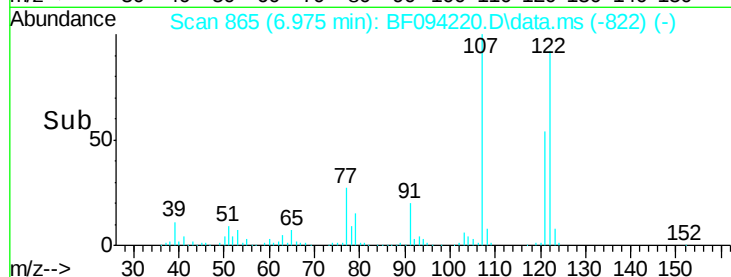
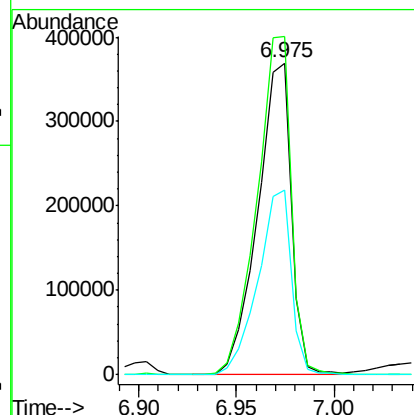
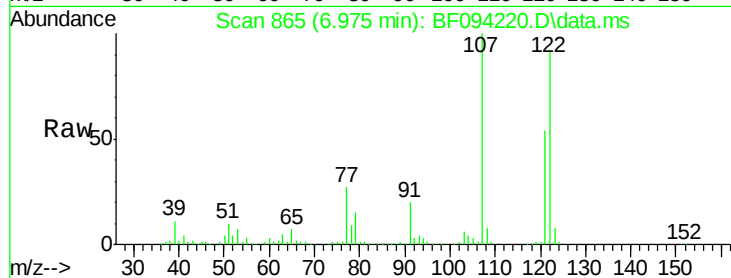




#27
 2,4-Dimethylphenol
 Concen: 47.14 ng
 RT: 6.975 min Scan# 86
 Delta R.T. -0.047 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

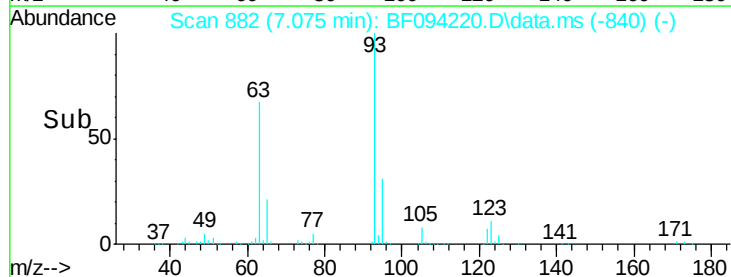
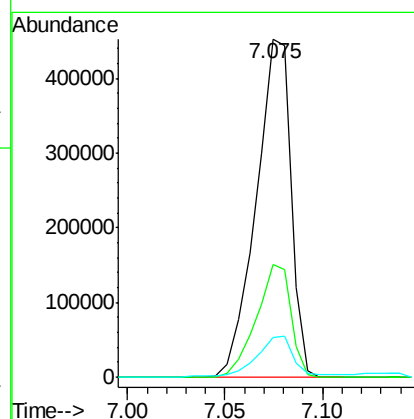
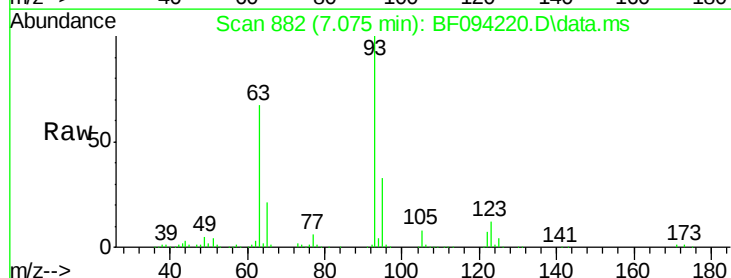
Instrument :
 BNA_F
 ClientSampleId :
 PB98067BS

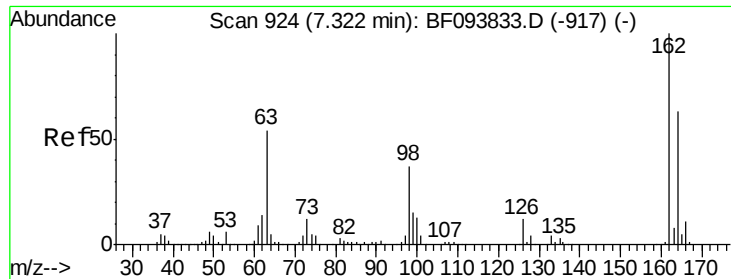
Tot Ion	Ratio	Lower	Upper
122	100		
107	108.4	89.2	133.8
121	59.0	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.89 ng
 RT: 7.075 min Scan# 882
 Delta R.T. -0.053 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.5	39.7
123	11.8	9.0	13.4

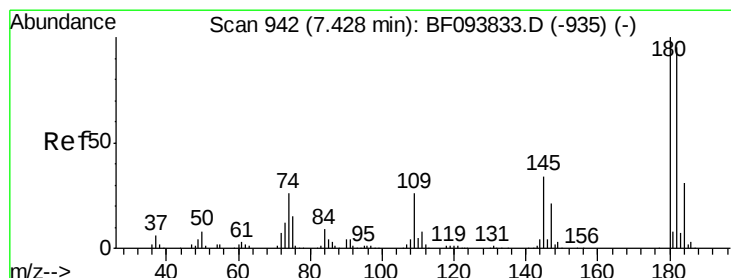
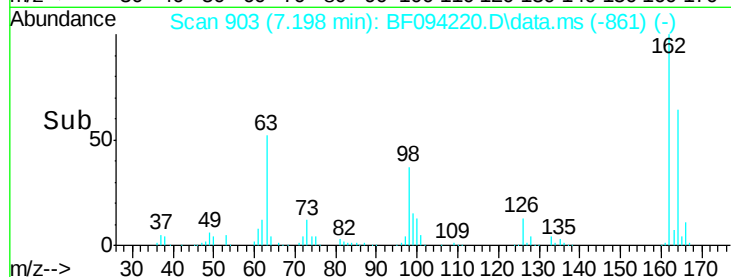
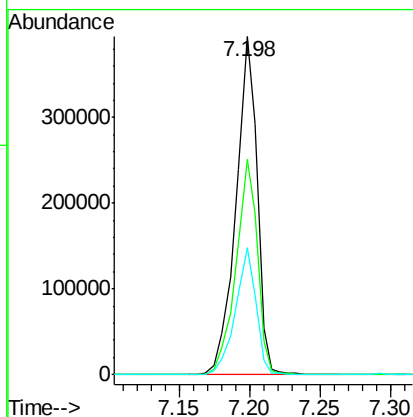
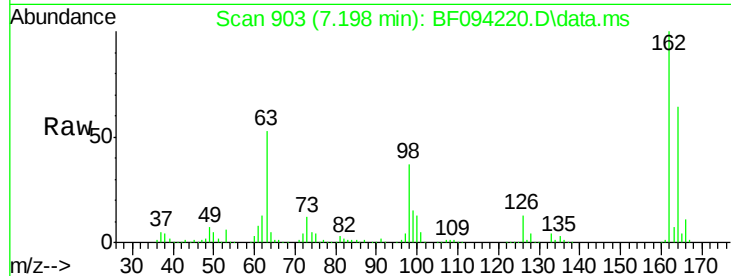




#29
2,4-Dichlorophenol
Concen: 47.13 ng
RT: 7.198 min Scan# 90
Delta R.T. -0.053 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

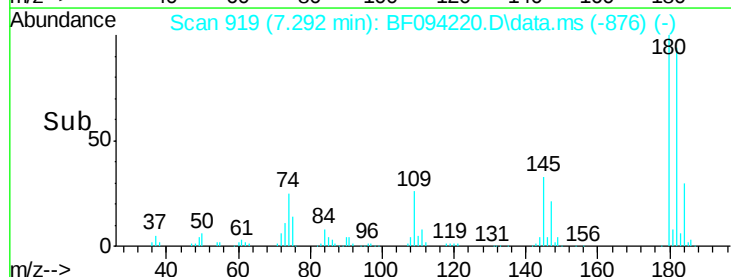
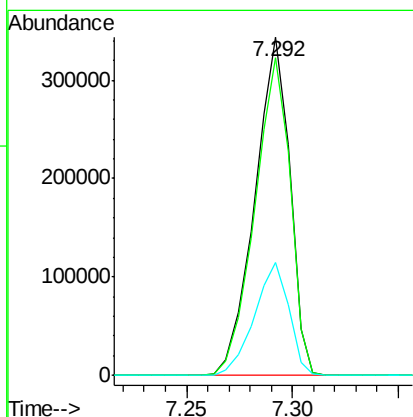
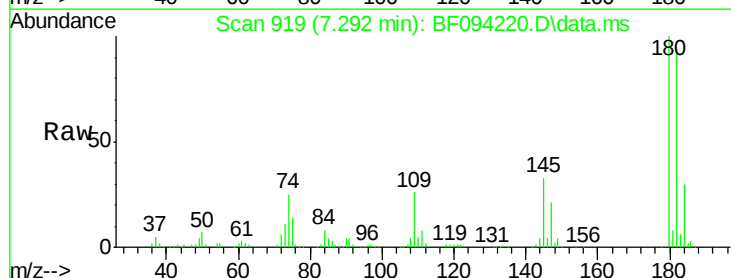
Instrument :
BNA_F
ClientSampleId :
PB98067BS

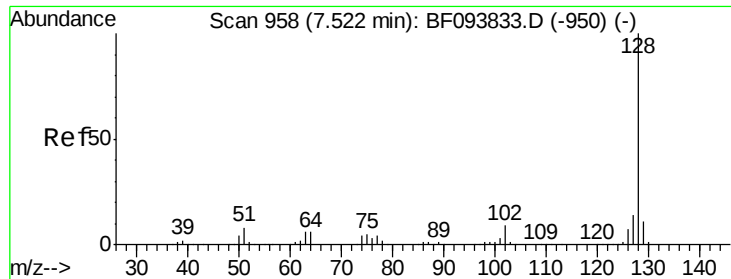
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.6	84.6
98	37.4	14.8	54.8



#30
1,2,4-Trichlorobenzene
Concen: 43.84 ng
RT: 7.292 min Scan# 919
Delta R.T. -0.047 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.8	113.6
145	33.4	25.3	37.9

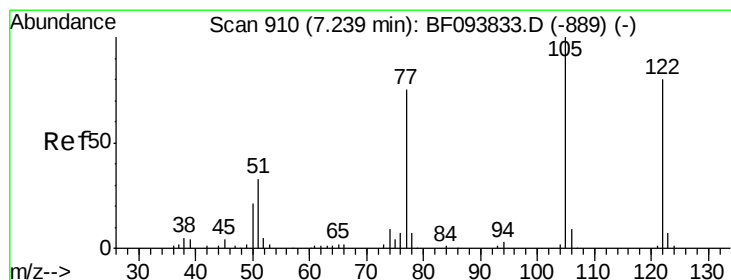
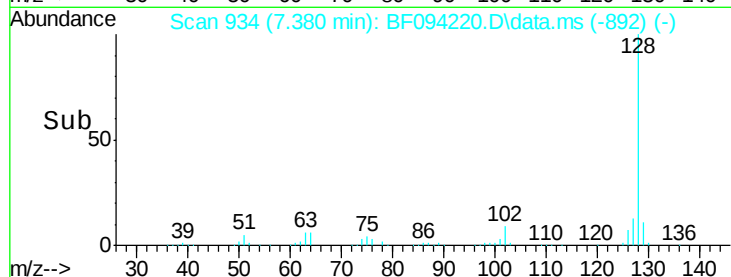
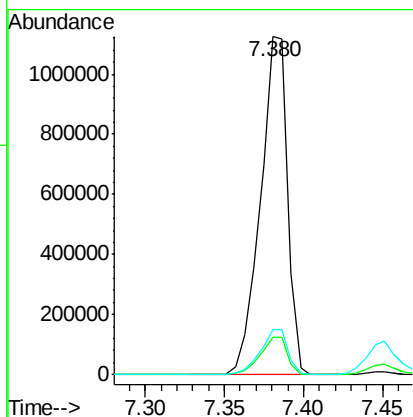
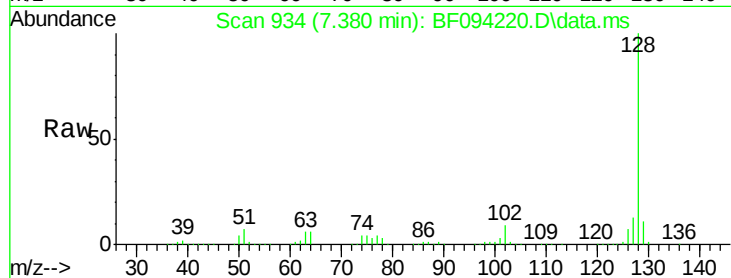




#31
Naphthalene
Concen: 42.49 ng
RT: 7.380 min Scan# 93
Delta R.T. -0.053 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

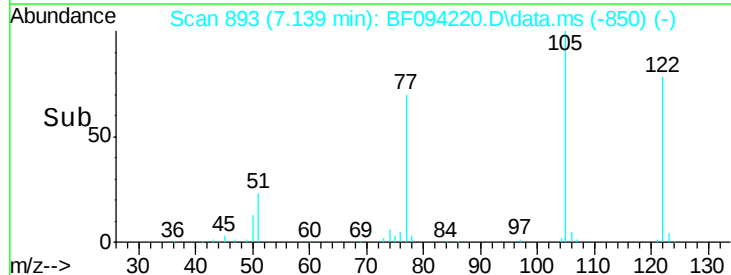
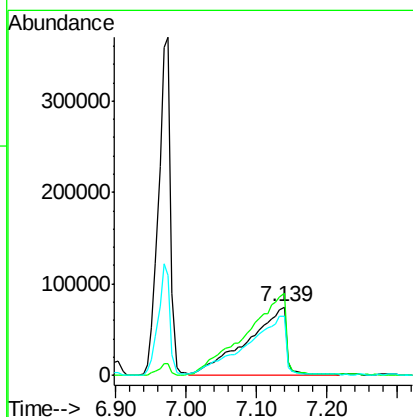
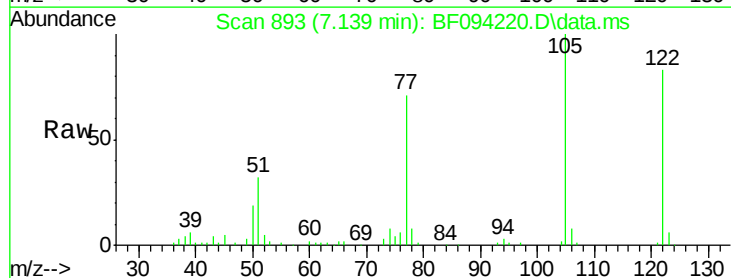
Instrument :
BNA_F
ClientSampleId :
PB98067BS

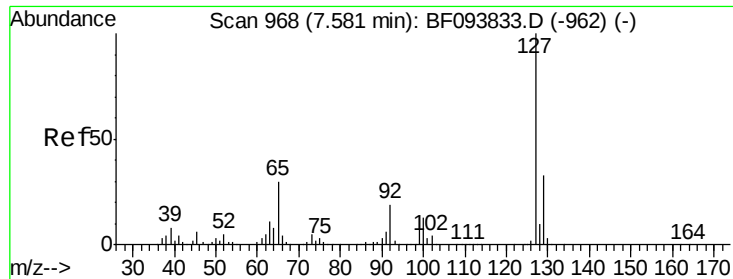
Tot Ion:128 Resp: 1348211
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 45.72 ng
RT: 7.139 min Scan# 893
Delta R.T. -0.047 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion:122 Resp: 285195
Ion Ratio Lower Upper
122 100
105 120.7 103.3 143.3
77 85.6 73.7 113.7

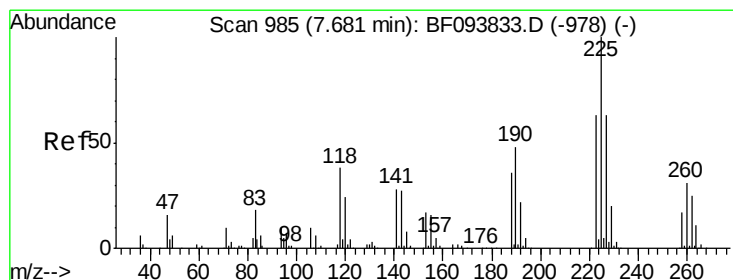
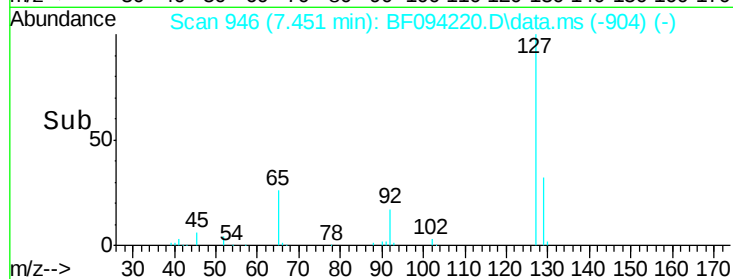
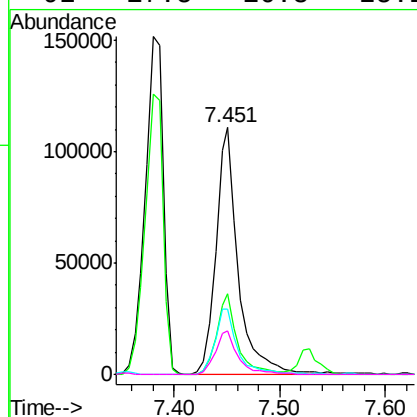
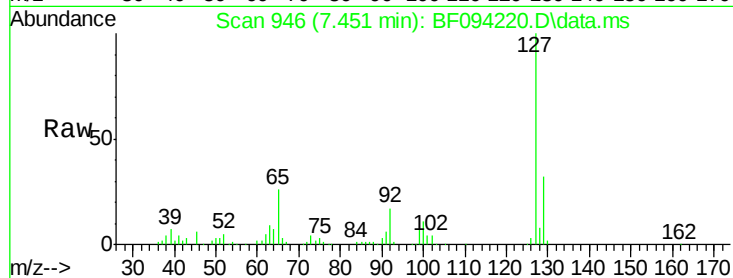




#33
4-Chloroaniline
Concen: 12.80 ng
RT: 7.451 min Scan# 94
Delta R.T. -0.053 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

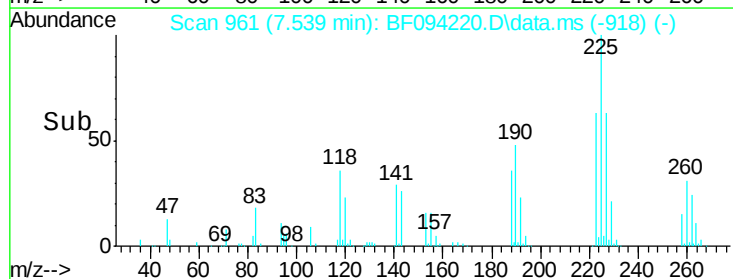
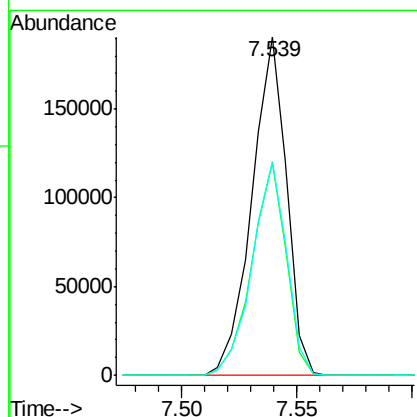
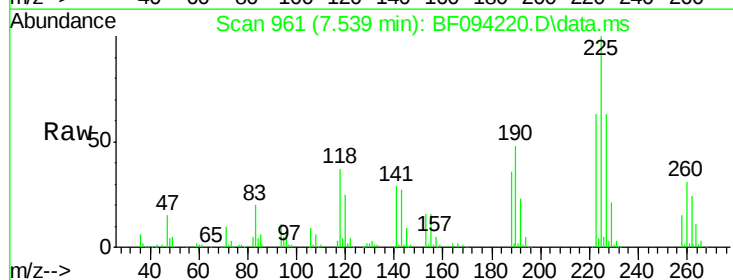
Instrument :
BNA_F
ClientSampleId :
PB98067BS

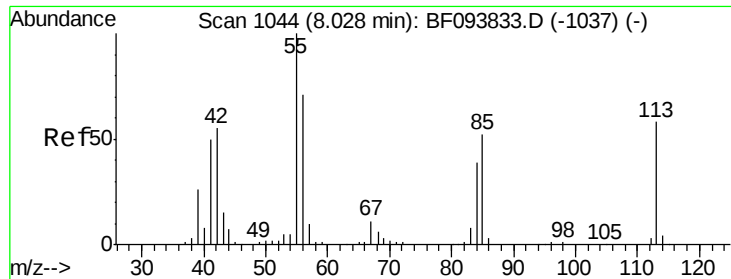
Tot Ion:	127	Resp:	164556
Ion Ratio	Lower	Upper	
127	100		
129	32.5	26.2	39.2
65	26.5	27.8	41.8#
92	17.5	16.8	25.2



#34
Hexachlorobutadiene
Concen: 43.07 ng
RT: 7.539 min Scan# 961
Delta R.T. -0.047 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion:	225	Resp:	199311
Ion Ratio	Lower	Upper	
225	100		
223	62.8	48.8	73.2
227	63.1	51.1	76.7

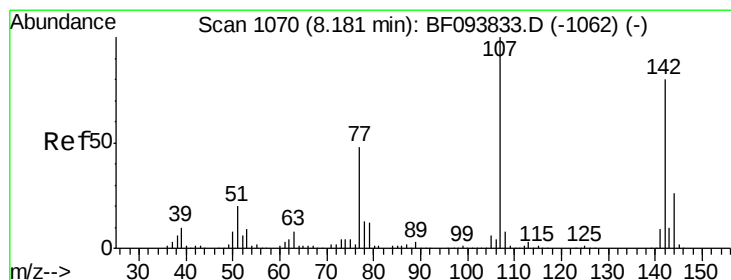
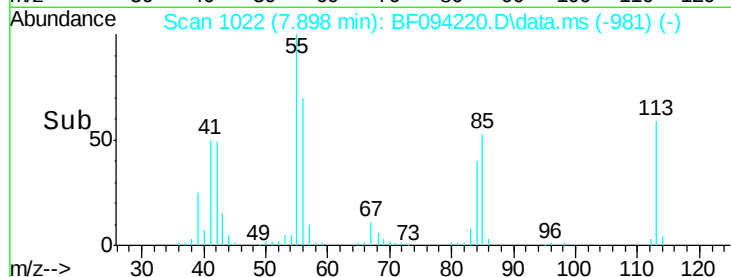
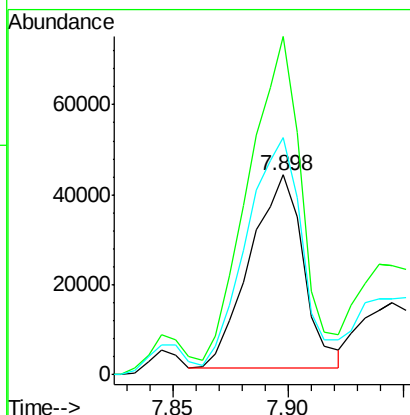
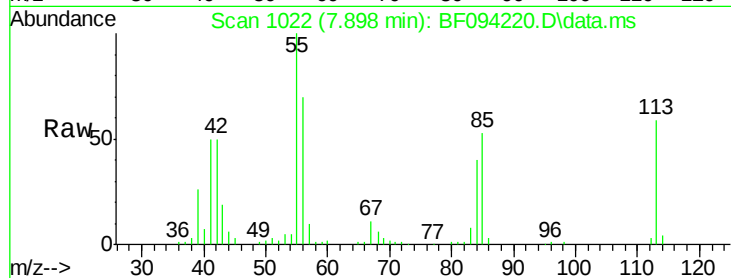




#35
 Caprolactam
 Concen: 24.54 ng
 RT: 7.898 min Scan# 1044
 Delta R.T. -0.059 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

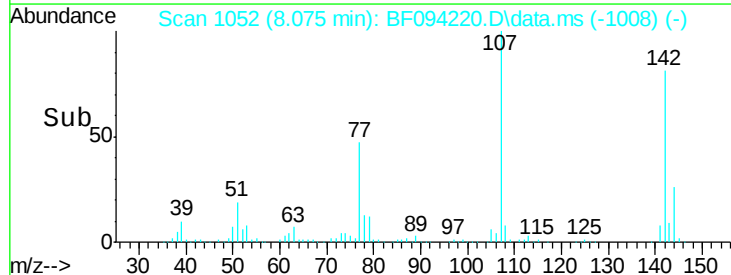
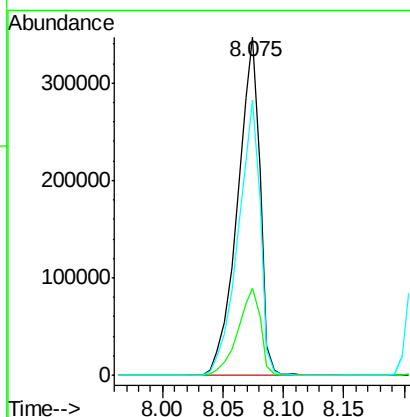
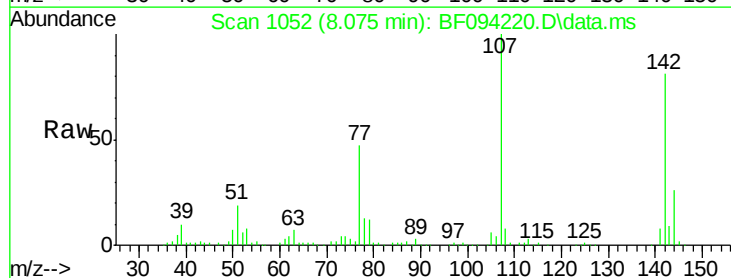
Instrument :
 BNA_F
 ClientSampleId :
 PB98067BS

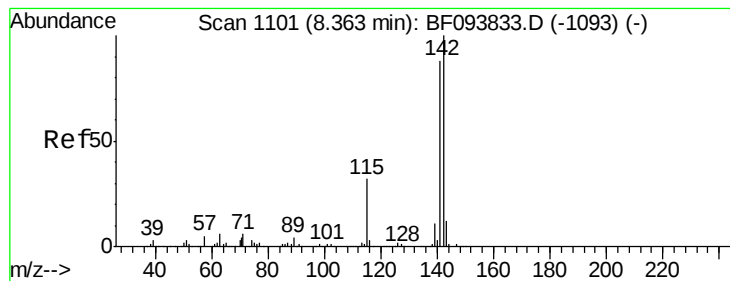
Tot Ion:113 Resp: 68560
 Ion Ratio Lower Upper
 113 100
 55 169.3 150.2 190.2
 56 118.6 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 48.92 ng
 RT: 8.075 min Scan# 1052
 Delta R.T. -0.041 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Tgt Ion:107 Resp: 447887
 Ion Ratio Lower Upper
 107 100
 144 25.8 24.2 36.4
 142 81.5 73.4 110.0





#37

2-Methylnaphthalene

Concen: 44.70 ng

RT: 8.227 min Scan# 10

Delta R.T. -0.047 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

ClientSampleId :

PB98067BS

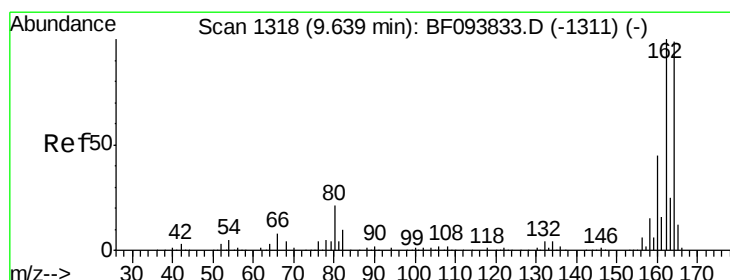
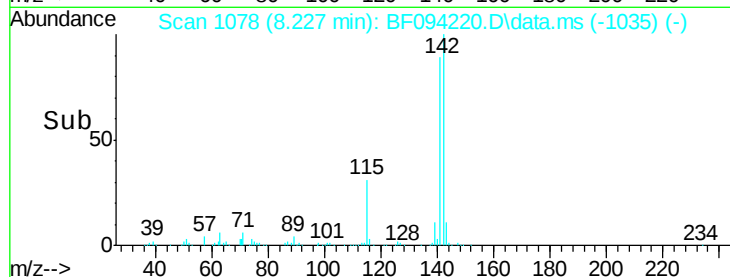
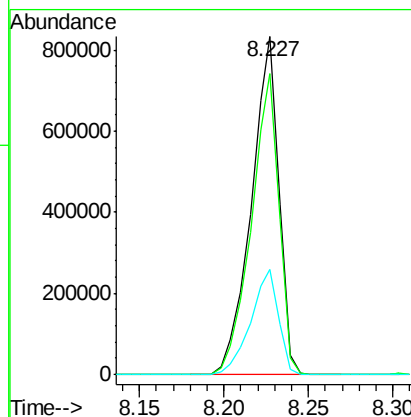
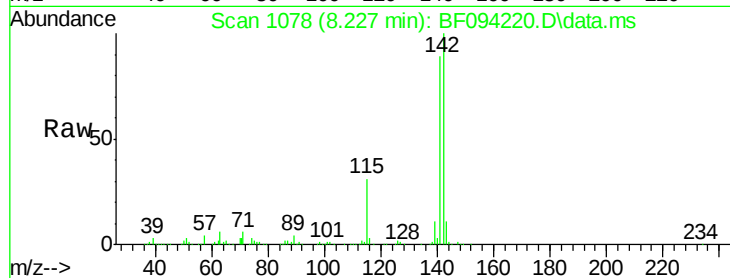
Tot Ion:142 Resp: 945551

Ion Ratio Lower Upper

142 100

141 89.0 71.3 106.9

115 31.2 27.1 40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.498 min Scan# 1294

Delta R.T. -0.053 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

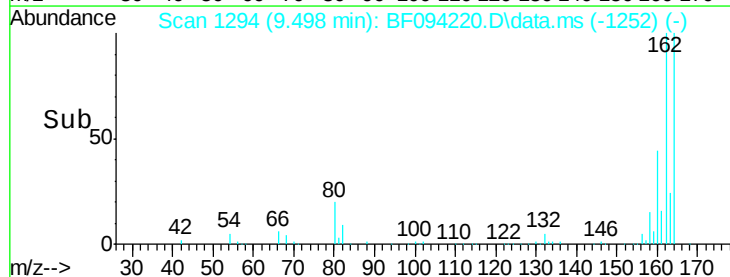
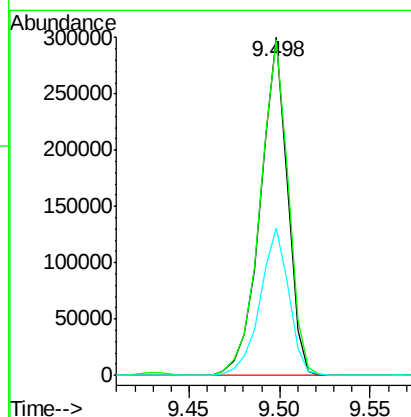
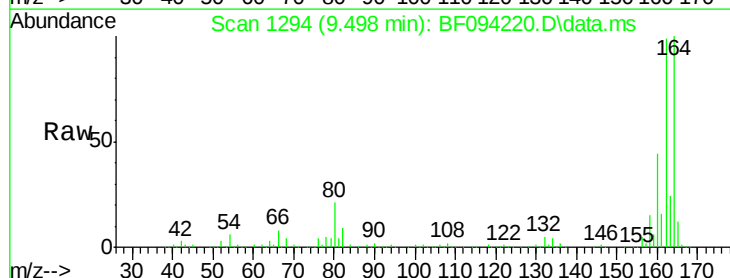
Tgt Ion:164 Resp: 312923

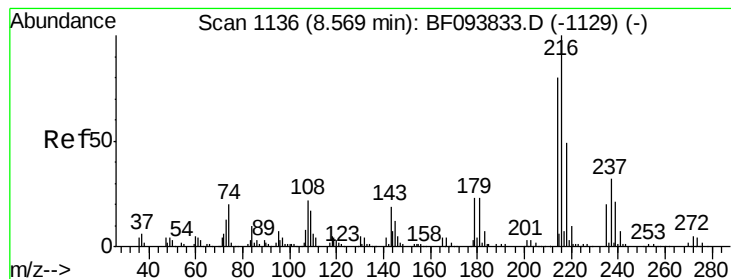
Ion Ratio Lower Upper

164 100

162 99.2 82.6 123.8

160 43.7 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.20 ng

RT: 8.433 min Scan# 1111

Delta R.T. -0.047 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

ClientSampleId :

PB98067BS

Tot Ion:216 Resp: 344088

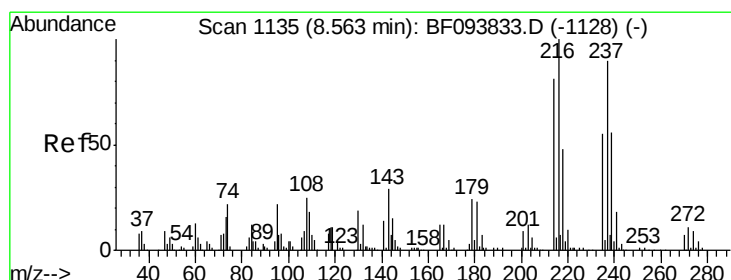
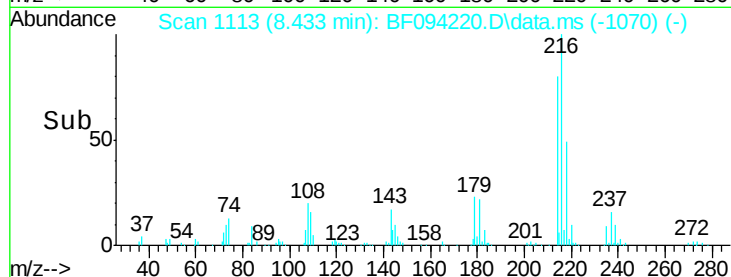
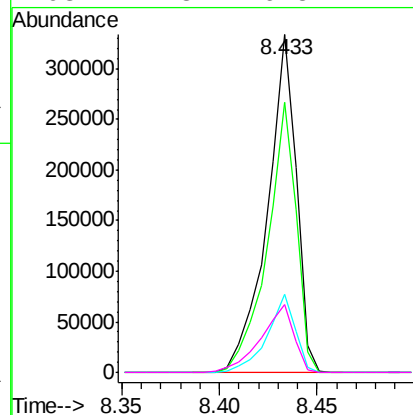
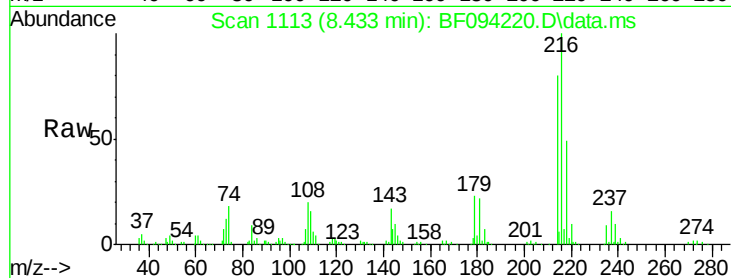
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.2

179 22.4 17.9 26.9

108 22.8 16.5 24.7



#40

Hexachlorocyclopentadiene

Concen: 84.16 ng

RT: 8.422 min Scan# 1111

Delta R.T. -0.053 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

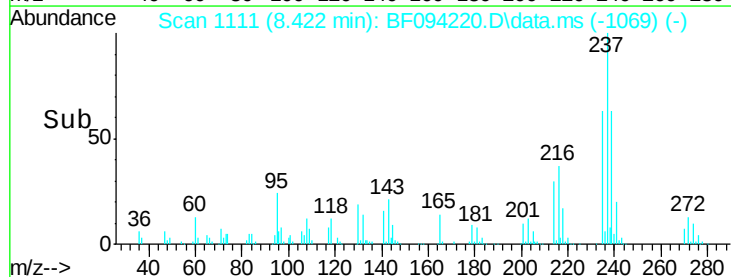
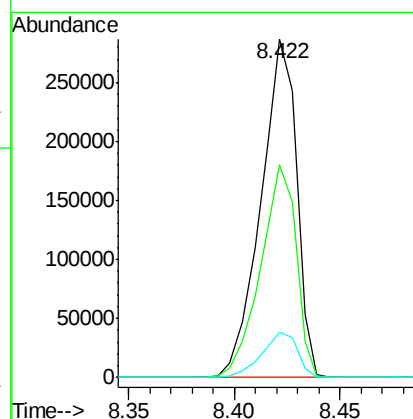
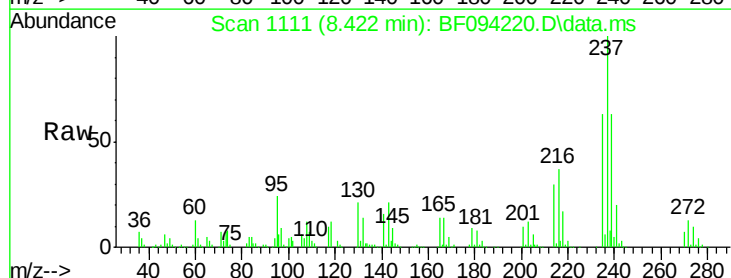
Tgt Ion:237 Resp: 337121

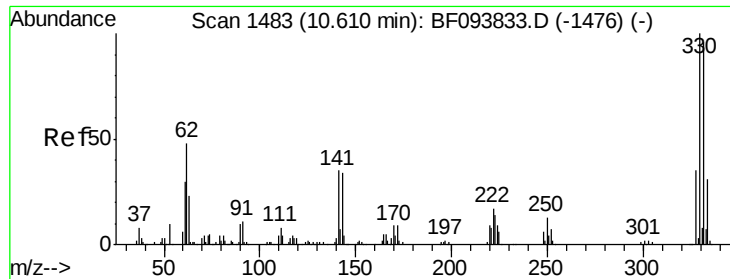
Ion Ratio Lower Upper

237 100

235 63.1 42.6 82.6

272 13.1 0.0 31.9

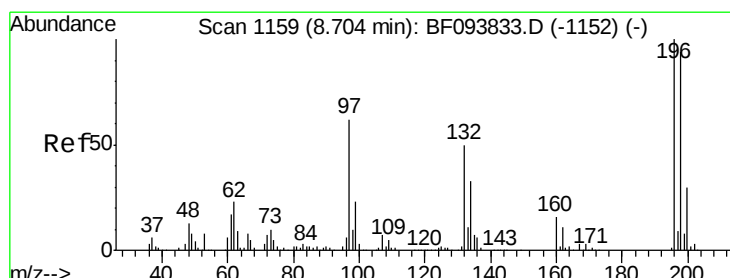
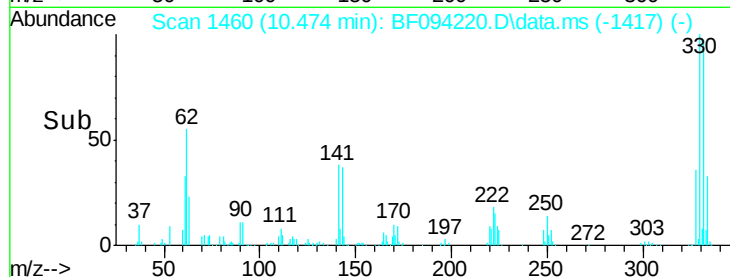
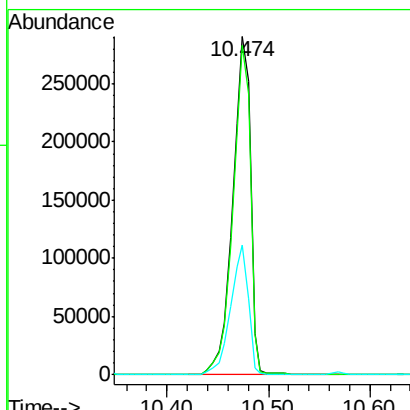
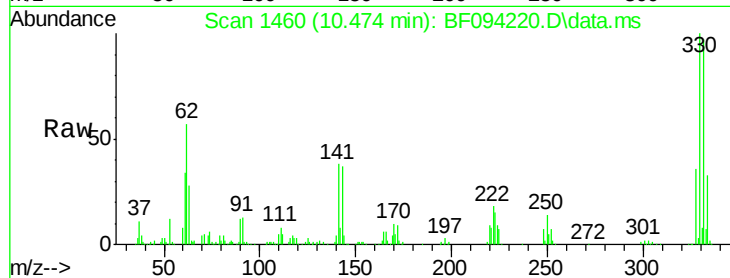




#41
 2,4,6-Tribromophenol
 Concen: 142.63 ng
 RT: 10.474 min Scan# 1483
 Delta R.T. -0.047 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

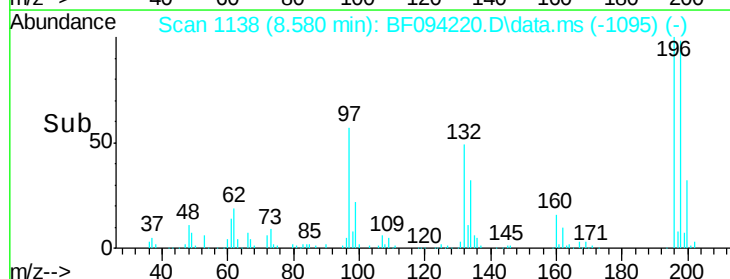
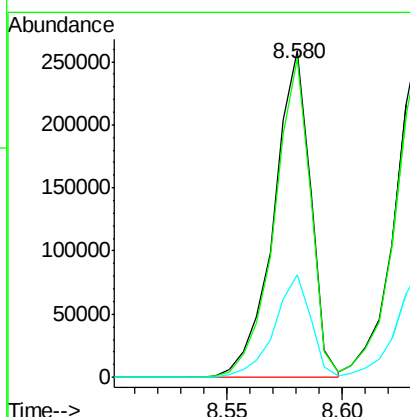
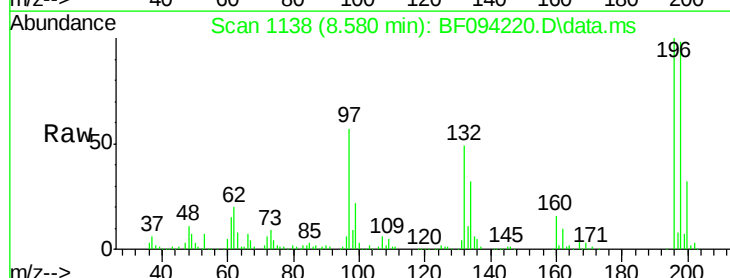
Instrument :
 BNA_F
 ClientSampleId :
 PB98067BS

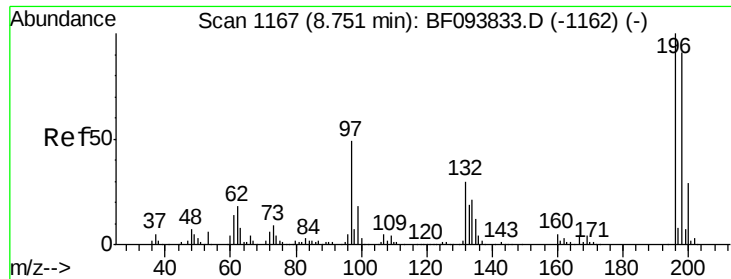
Tot Ion:330 Resp: 352696
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 38.2 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 46.90 ng
 RT: 8.580 min Scan# 1138
 Delta R.T. -0.047 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Tgt Ion:196 Resp: 284040
 Ion Ratio Lower Upper
 196 100
 198 97.7 74.2 111.4
 200 31.6 24.0 36.0

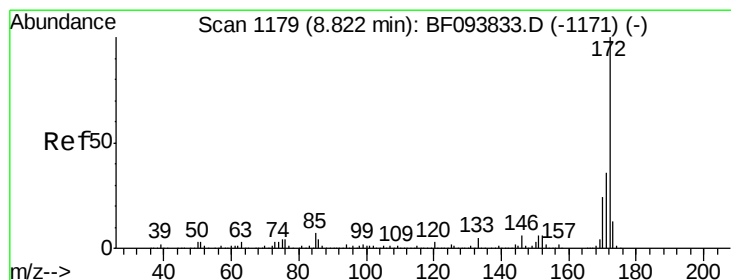
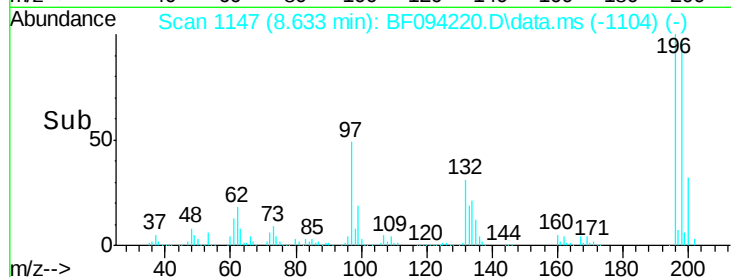
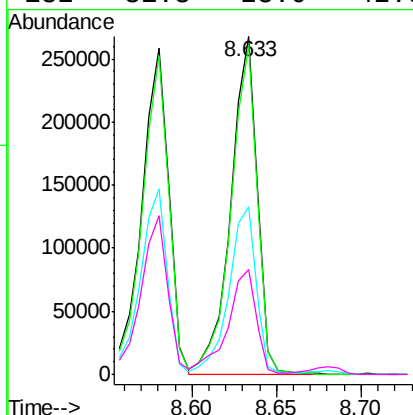
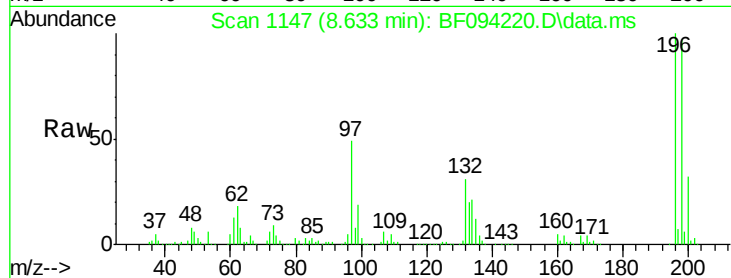




#43
 2,4,5-Trichlorophenol
 Concen: 44.42 ng
 RT: 8.633 min Scan# 1167
 Delta R.T. -0.047 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

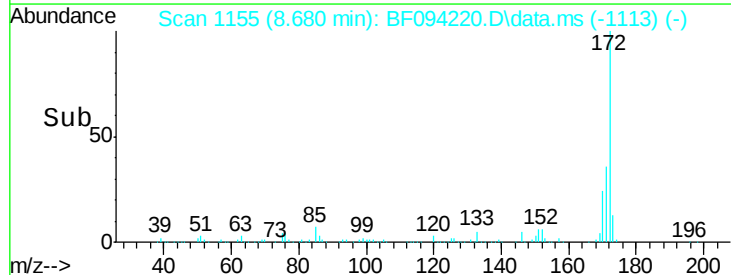
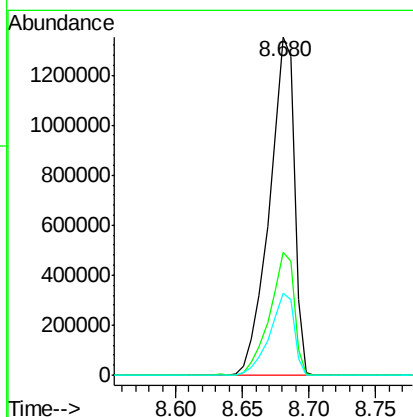
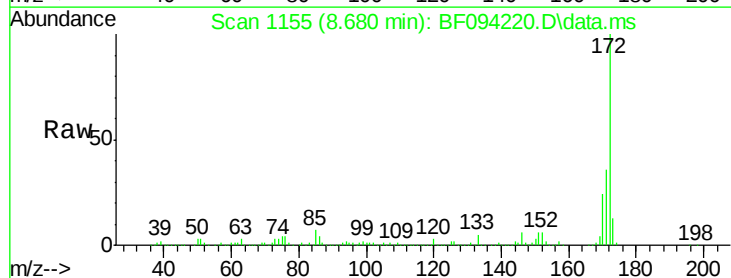
Instrument :
 BNA_F
 ClientSampleId :
 PB98067BS

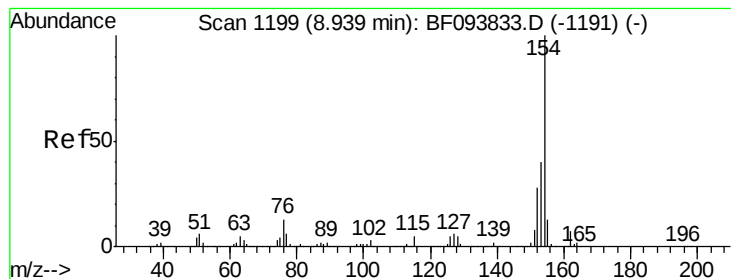
Tot Ion:	196	Resp:	291080
Ion Ratio	Lower	Upper	
196	100		
198	97.4	75.7	113.5
97	49.5	47.7	71.5
132	31.3	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 86.25 ng
 RT: 8.680 min Scan# 1155
 Delta R.T. -0.053 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Tgt Ion:	172	Resp:	1769533
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.6	44.4
170	24.2	19.8	29.8





#45

1,1'-Biphenyl

Concen: 41.73 ng

RT: 8.798 min Scan# 11

Delta R.T. -0.053 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

ClientSampleId :

PB98067BS

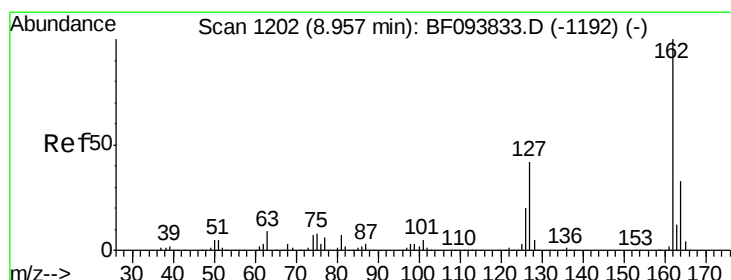
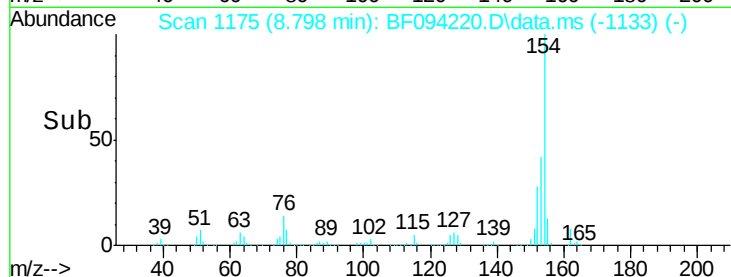
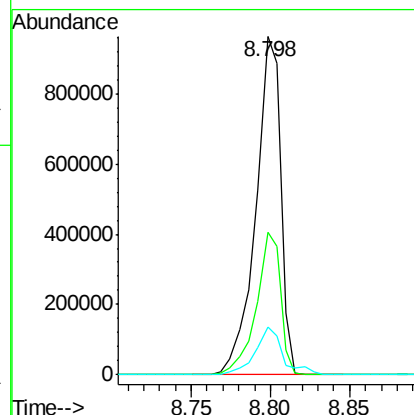
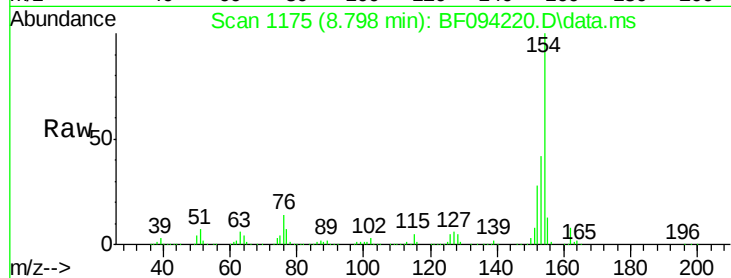
Tot Ion:154 Resp: 1053377

Ion Ratio Lower Upper

154 100

153 42.0 21.2 61.2

76 14.0 0.0 29.9



#46

2-Chloronaphthalene

Concen: 42.83 ng

RT: 8.822 min Scan# 1179

Delta R.T. -0.047 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

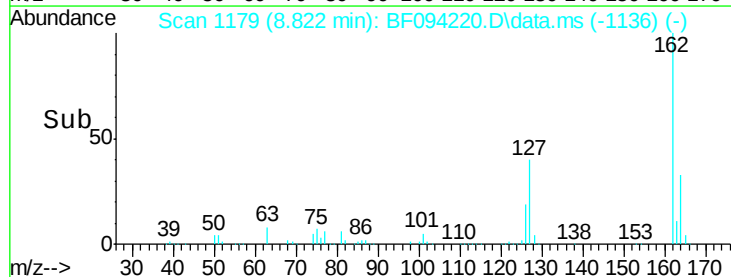
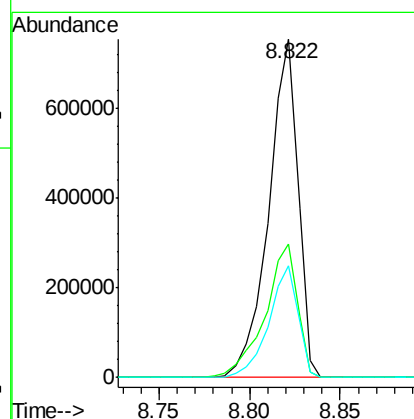
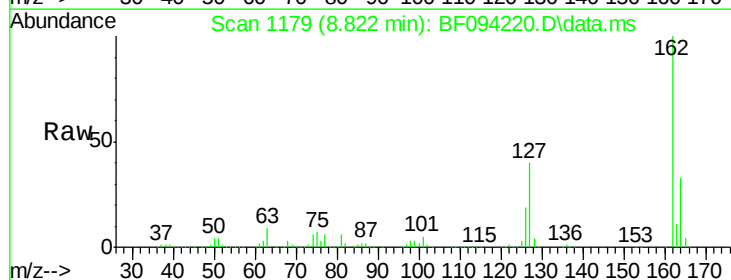
Tgt Ion:162 Resp: 846150

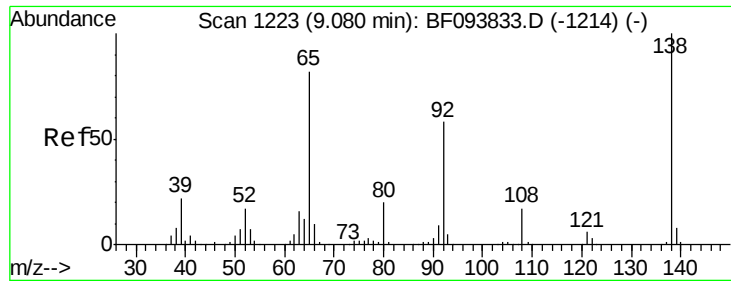
Ion Ratio Lower Upper

162 100

127 39.5 28.3 42.5

164 32.9 27.0 40.4

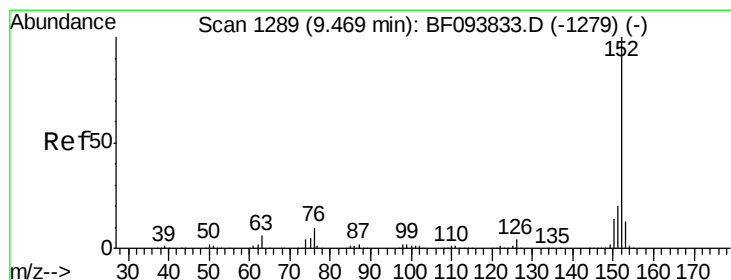
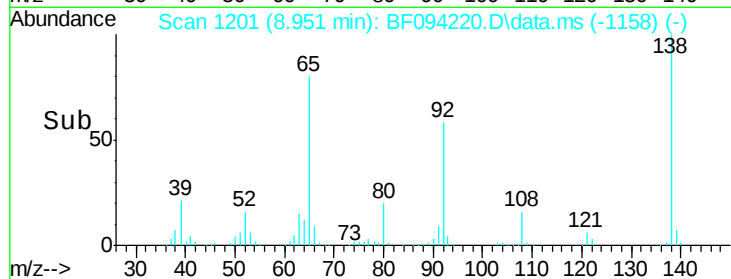
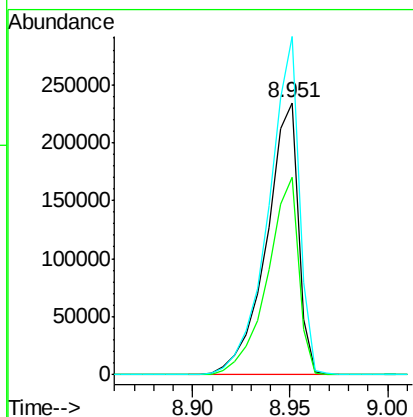
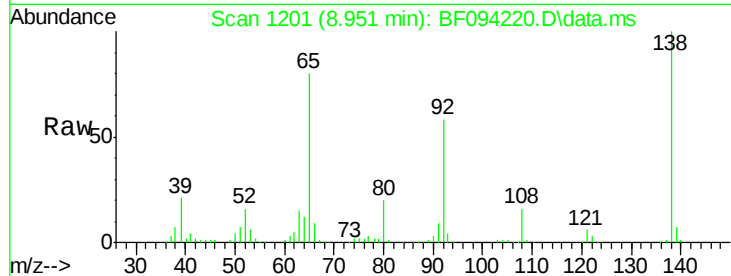




#47
 2-Nitroaniline
 Concen: 45.33 ng
 RT: 8.951 min Scan# 12
 Delta R.T. -0.047 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

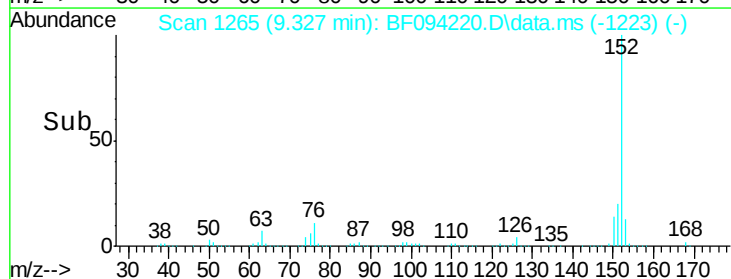
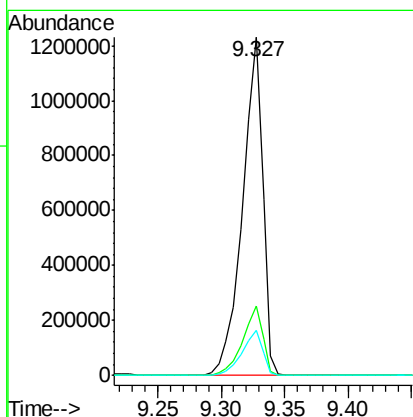
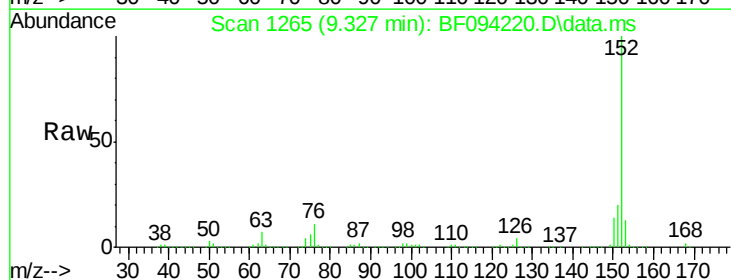
Instrument :
 BNA_F
 ClientSampleId :
 PB98067BS

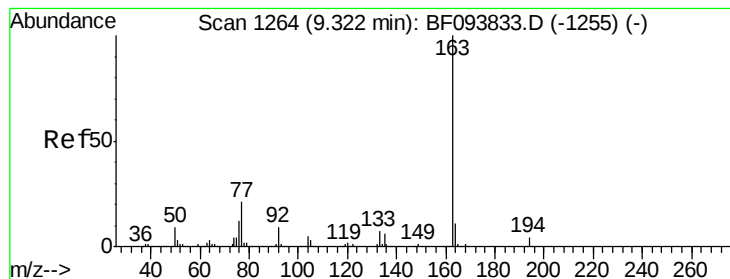
Tot Ion: 65 Resp: 265706
 Ion Ratio Lower Upper
 65 100
 92 72.6 53.9 80.9
 138 124.2 78.8 118.2#



#48
 Acenaphthylene
 Concen: 41.23 ng
 RT: 9.327 min Scan# 1265
 Delta R.T. -0.053 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Tgt Ion: 152 Resp: 1353726
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.8 25.2
 153 13.2 10.8 16.2





#49

Dimethylphthalate

Concen: 46.21 ng

RT: 9.192 min Scan# 12

Delta R.T. -0.053 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

ClientSampleId :

PB98067BS

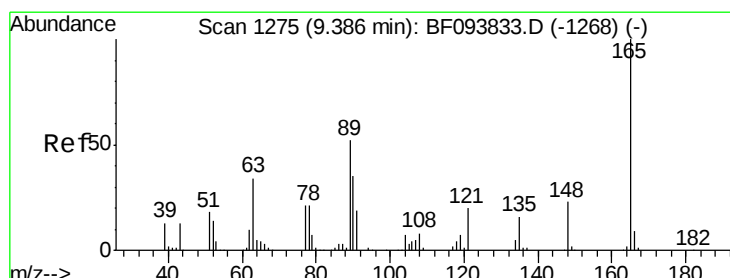
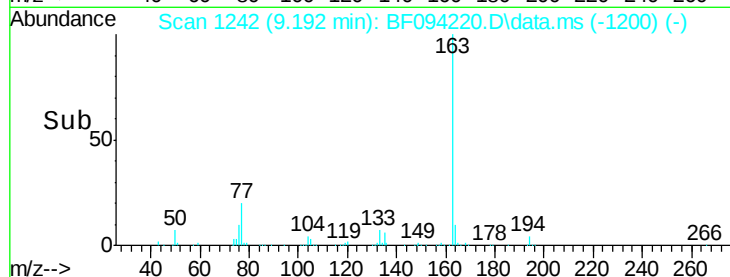
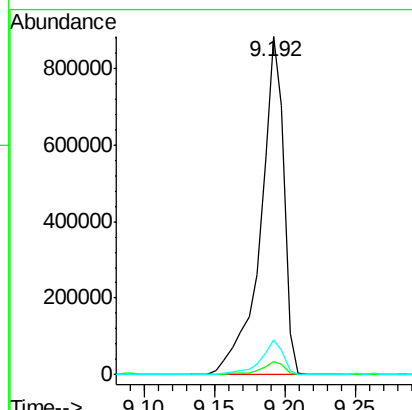
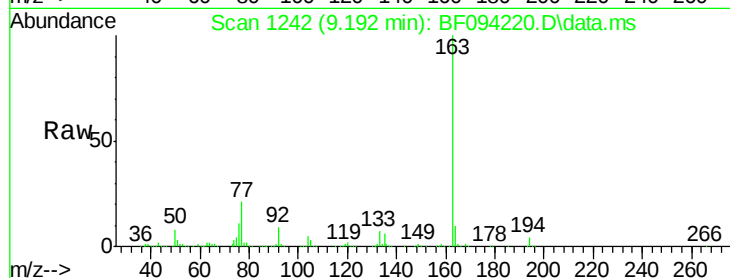
Tot Ion:163 Resp: 1027795

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

164 10.2 8.4 12.6



#50

2,6-Dinitrotoluene

Concen: 46.44 ng

RT: 9.257 min Scan# 1253

Delta R.T. -0.047 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

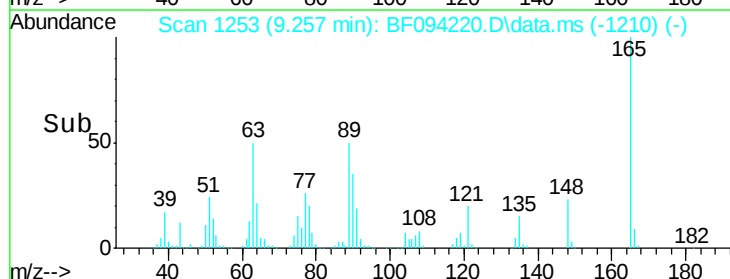
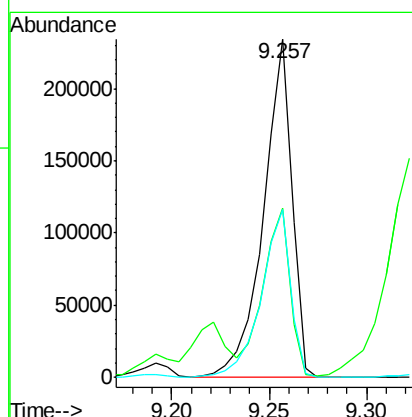
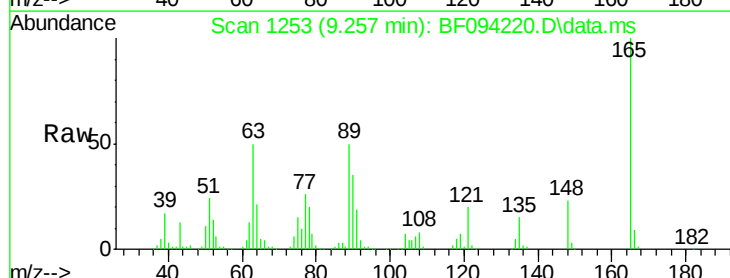
Tgt Ion:165 Resp: 236798

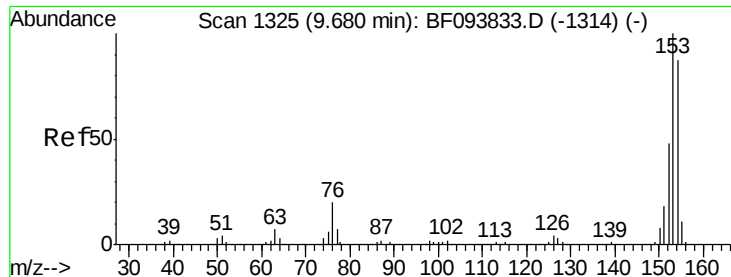
Ion Ratio Lower Upper

165 100

63 49.9 34.3 51.5

89 49.7 37.1 55.7





#51

Acenaphthene

Concen: 42.16 ng

RT: 9.539 min Scan# 13

Delta R.T. -0.053 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

ClientSampleId :

PB98067BS

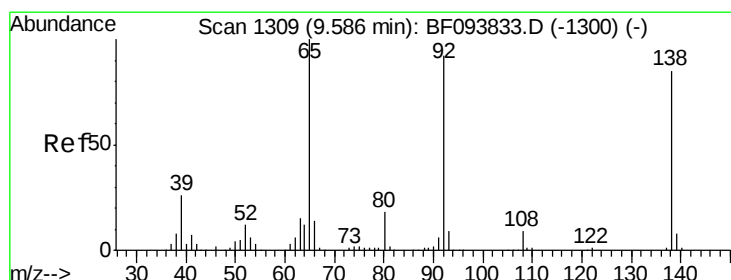
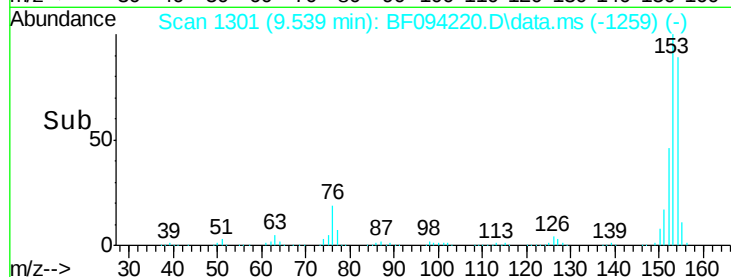
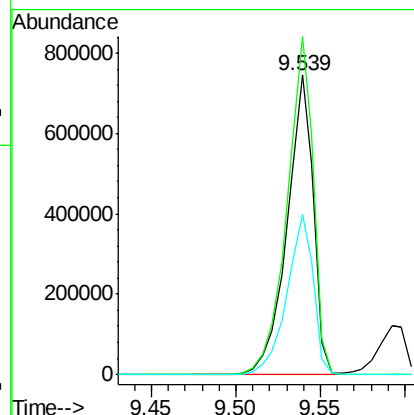
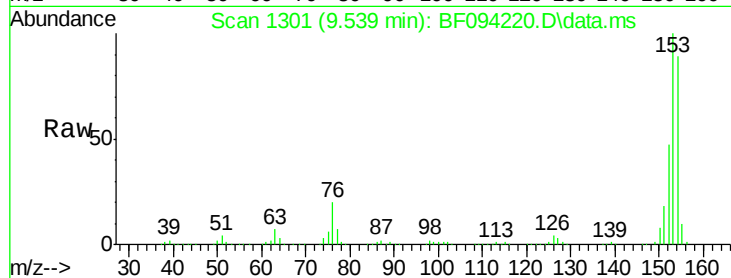
Tot Ion:154 Resp: 807853

Ion Ratio Lower Upper

154 100

153 112.8 90.5 135.7

152 53.4 43.6 65.4



#52

3-Nitroaniline

Concen: 21.09 ng

RT: 9.451 min Scan# 1286

Delta R.T. -0.059 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

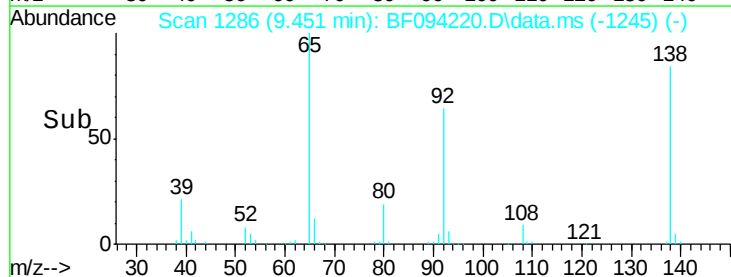
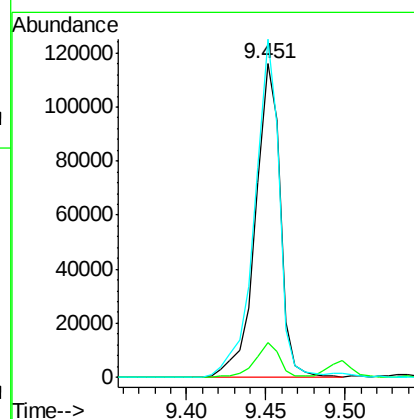
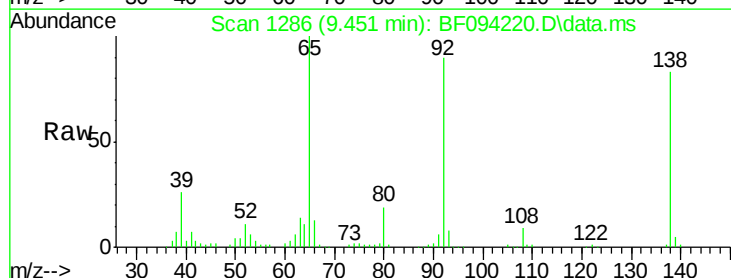
Tgt Ion:138 Resp: 126263

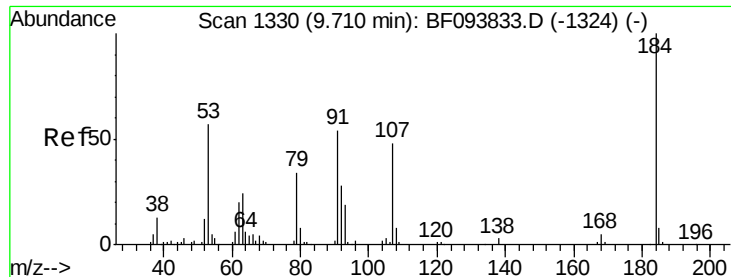
Ion Ratio Lower Upper

138 100

108 10.9 9.1 13.7

92 107.9 93.8 140.6

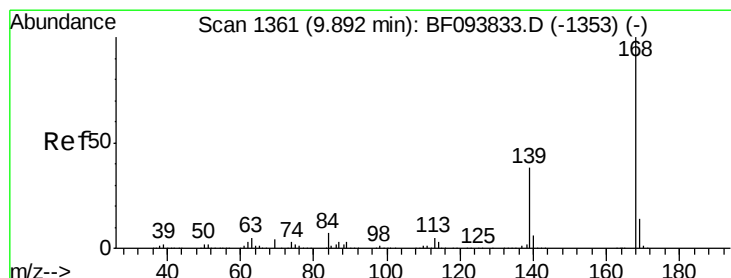
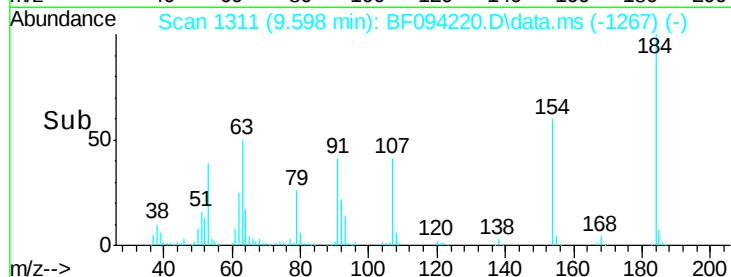
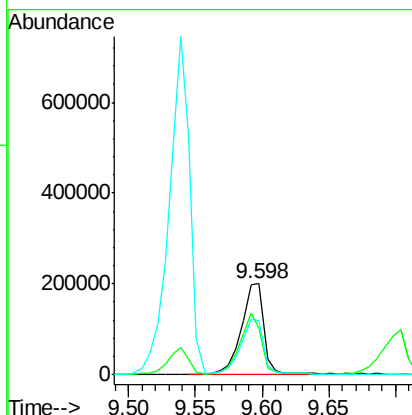
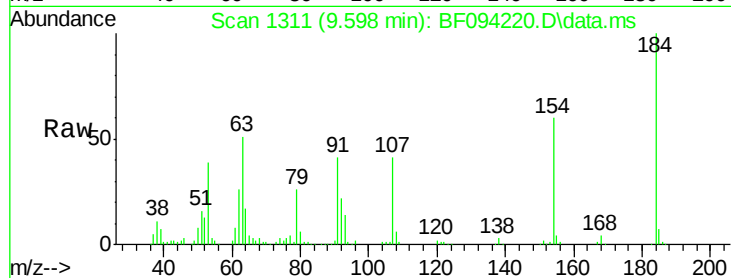




#53
2,4-Dinitrophenol
Concen: 86.03 ng
RT: 9.598 min Scan# 1331
Delta R.T. -0.041 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

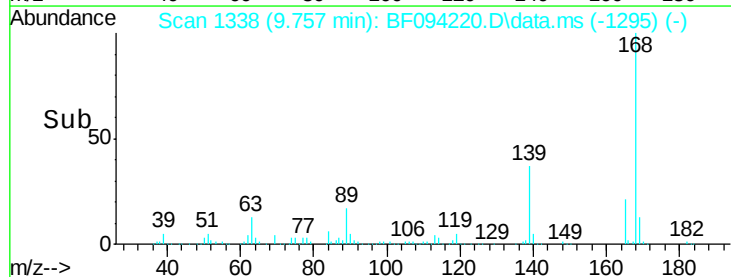
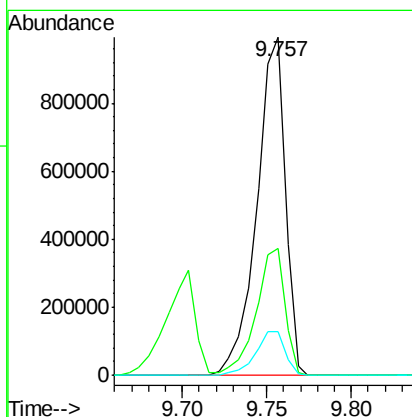
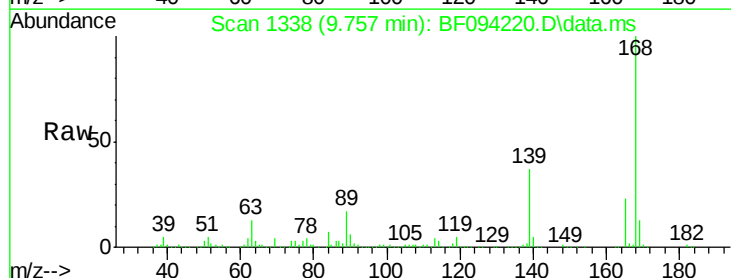
Instrument :
BNA_F
ClientSampleId :
PB98067BS

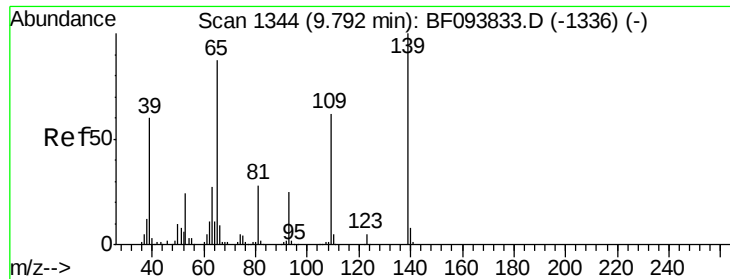
Tot Ion:184 Resp: 235761
Ion Ratio Lower Upper
184 100
63 51.2 62.7 94.1#
154 59.9 81.1 121.7#



#54
Dibenzofuran
Concen: 44.72 ng
RT: 9.757 min Scan# 1338
Delta R.T. -0.047 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion:168 Resp: 1166405
Ion Ratio Lower Upper
168 100
139 37.4 30.6 45.8
169 13.0 10.8 16.2





#55

4-Nitrophenol

Concen: 80.73 ng

RT: 9.704 min Scan# 1337

Delta R.T. -0.036 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

ClientSampleId :

PB98067BS

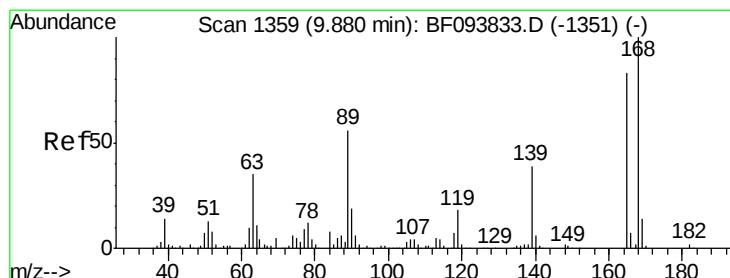
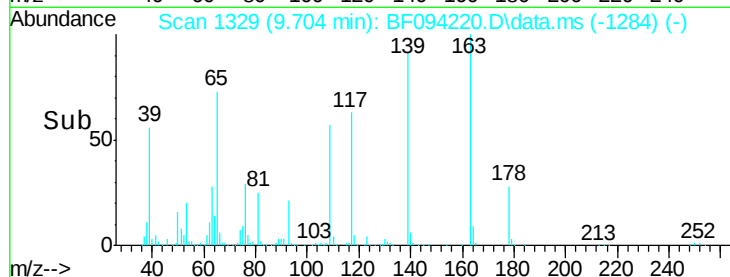
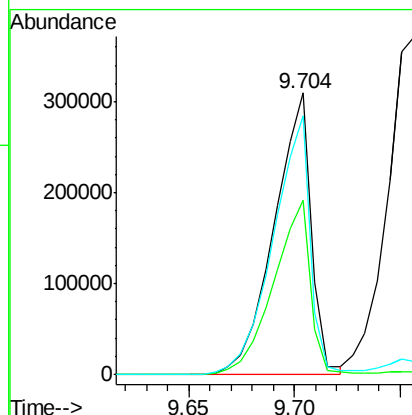
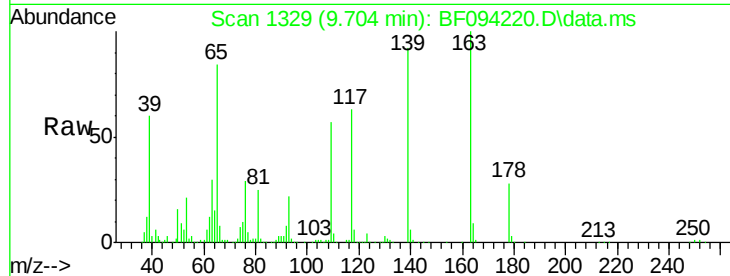
Tot Ion:139 Resp: 378541

Ion Ratio Lower Upper

139 100

109 62.0 34.1 74.1

65 92.0 31.4 71.4#



#56

2,4-Dinitrotoluene

Concen: 44.94 ng

RT: 9.751 min Scan# 1337

Delta R.T. -0.047 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Tgt Ion:165 Resp: 287850

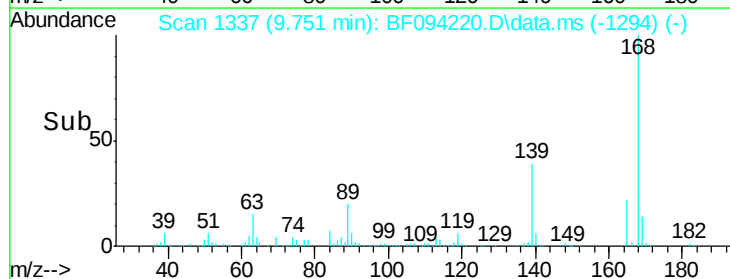
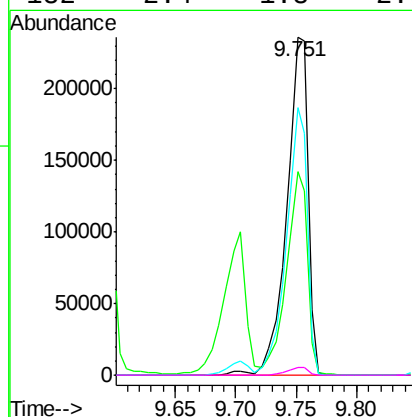
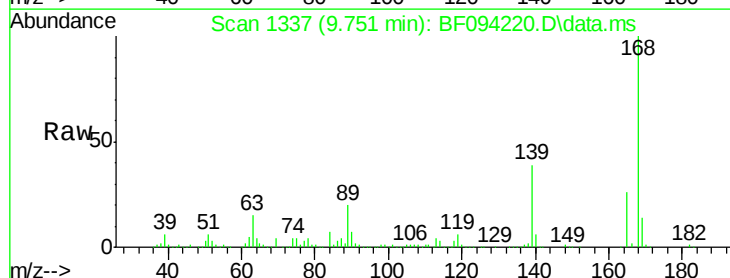
Ion Ratio Lower Upper

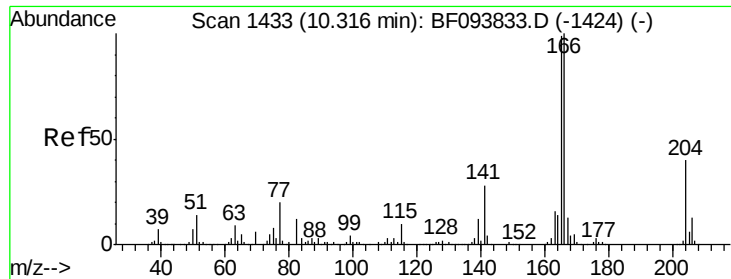
165 100

63 60.2 25.4 38.0#

89 79.4 46.4 69.6#

182 2.4 1.8 2.6





#57

Fluorene

Concen: 42.02 ng

RT: 10.174 min Scan# 14

Delta R.T. -0.053 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

ClientSampleId :

PB98067BS

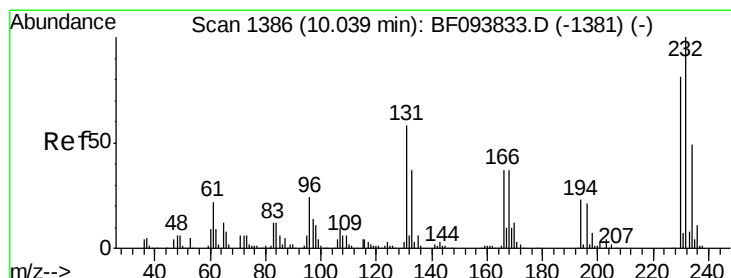
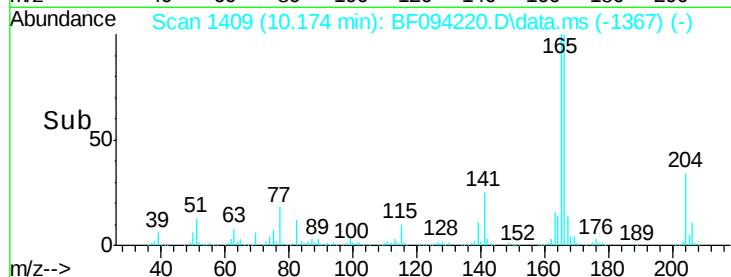
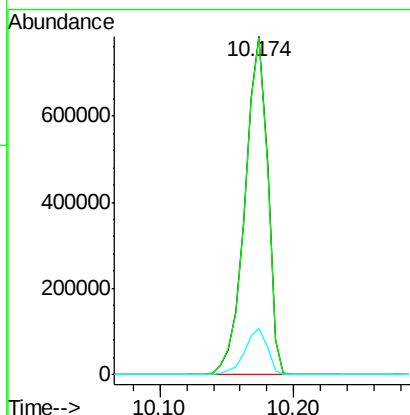
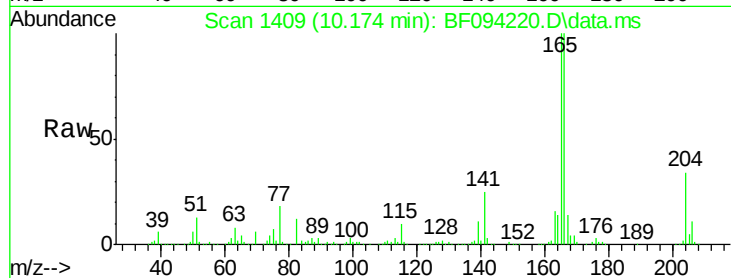
Tot Ion:166 Resp: 908903

Ion Ratio Lower Upper

166 100

165 99.6 78.8 118.2

167 13.6 10.6 16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.87 ng

RT: 9.910 min Scan# 1364

Delta R.T. -0.053 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Tgt Ion:232 Resp: 224247

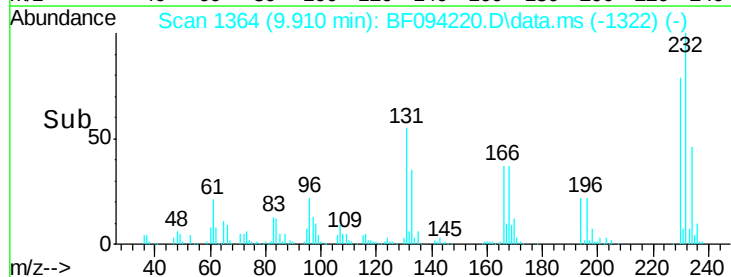
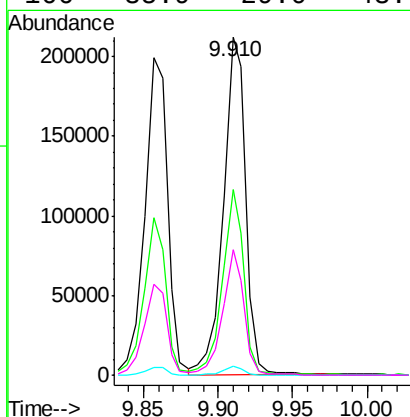
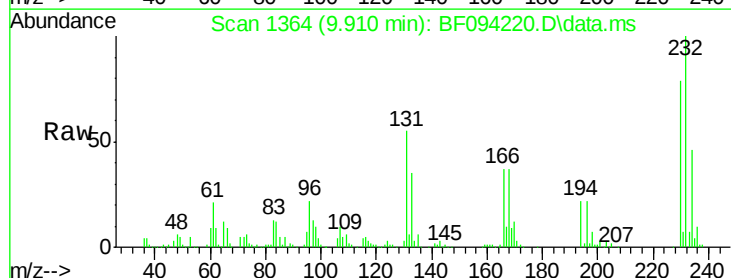
Ion Ratio Lower Upper

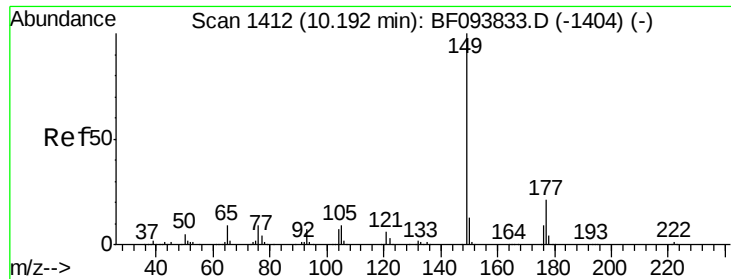
232 100

131 52.8 44.8 67.2

130 2.6 2.3 3.5

166 35.9 29.0 43.4





#59

Diethylphthalate

Concen: 45.42 ng

RT: 10.063 min Scan# 13

Delta R.T. -0.047 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

ClientSampleId :

PB98067BS

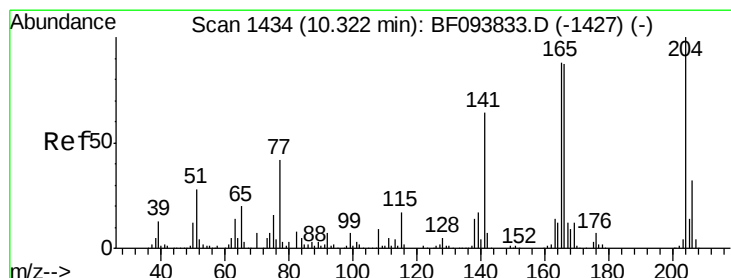
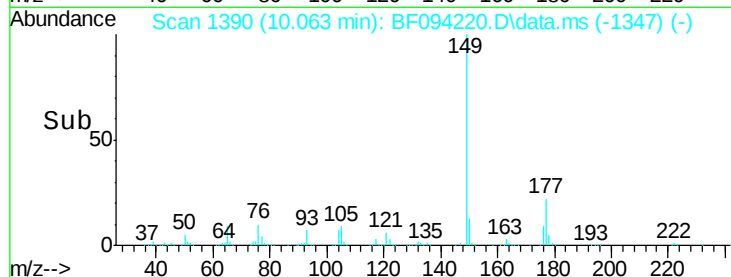
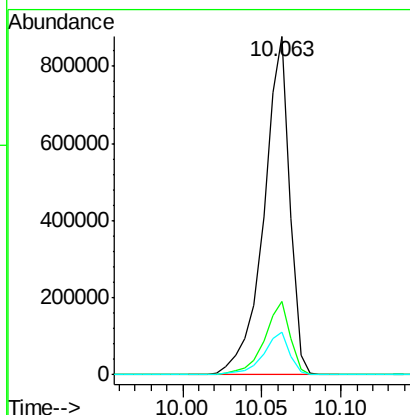
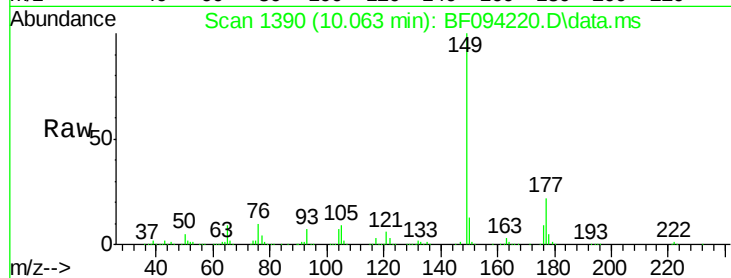
Tot Ion:149 Resp: 998589

Ion Ratio Lower Upper

149 100

177 21.6 16.7 25.1

150 12.5 10.2 15.2



#60

4-Chlorophenyl-phenylether

Concen: 42.31 ng

RT: 10.180 min Scan# 1410

Delta R.T. -0.053 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

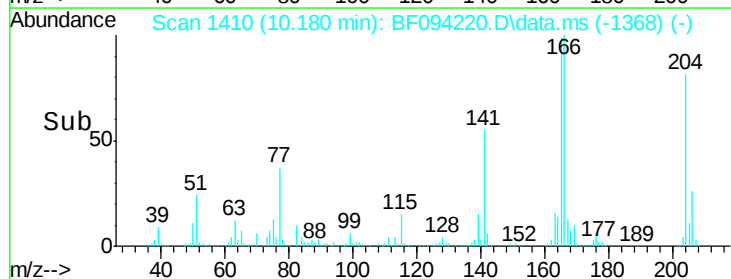
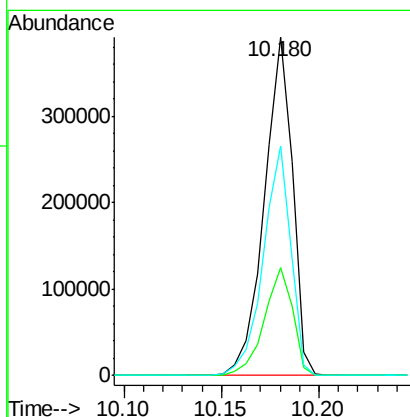
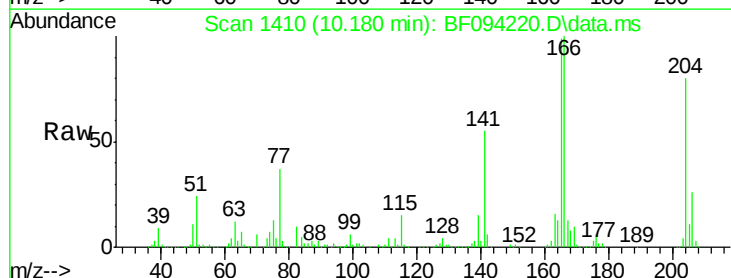
Tgt Ion:204 Resp: 389901

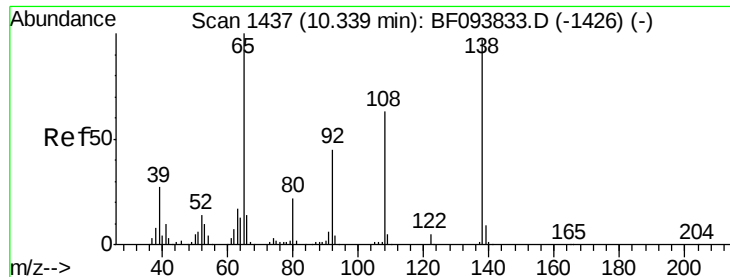
Ion Ratio Lower Upper

204 100

206 32.0 26.2 39.2

141 68.0 60.8 91.2

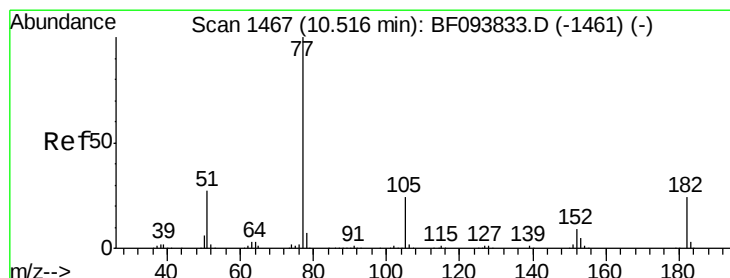
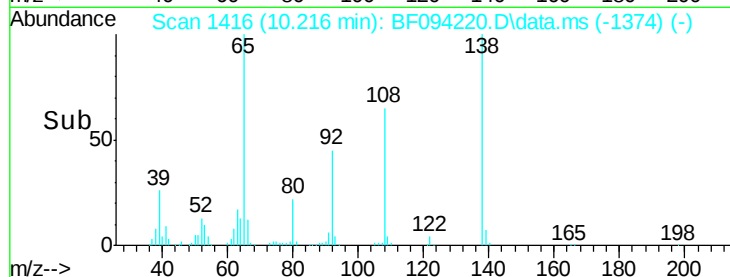
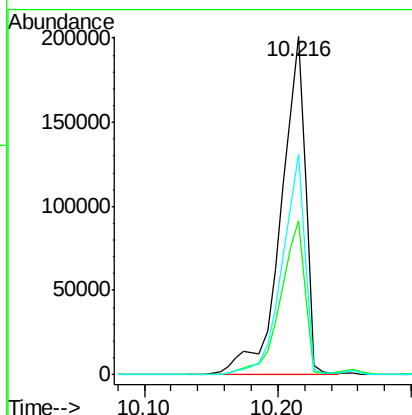
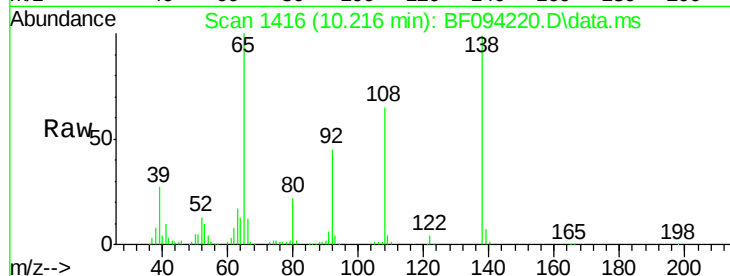




#61
4-Nitroaniline
Concen: 45.27 ng
RT: 10.216 min Scan# 1416
Delta R.T. -0.053 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

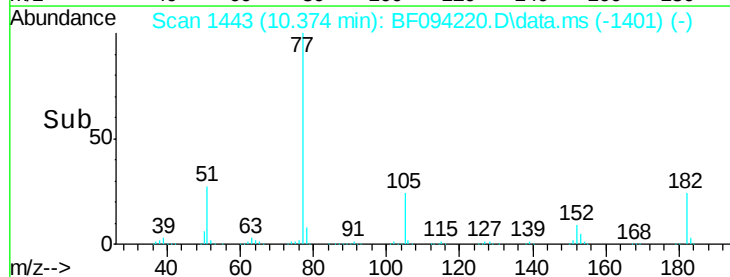
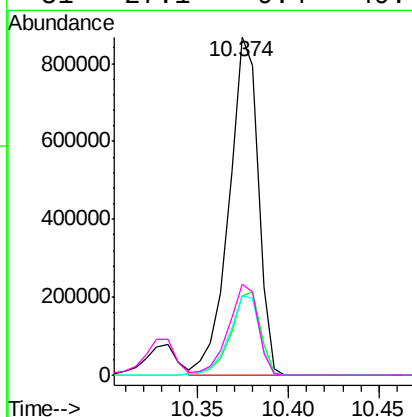
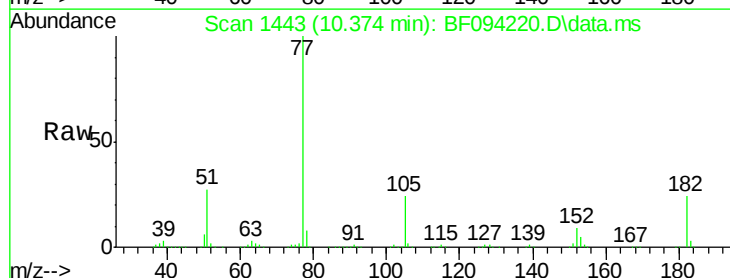
Instrument :
BNA_F
ClientSampleId :
PB98067BS

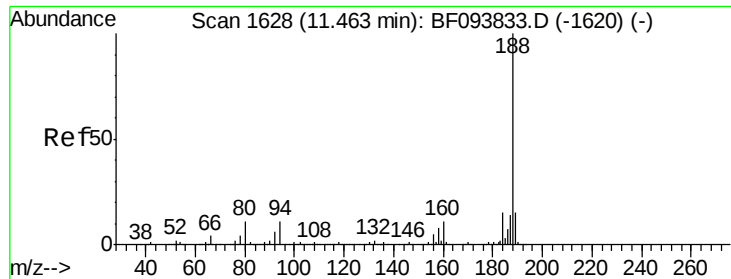
Tot Ion:138 Resp: 260113
Ion Ratio Lower Upper
138 100
92 45.4 21.8 61.8
108 65.1 42.3 82.3



#62
Azobenzene
Concen: 46.84 ng
RT: 10.374 min Scan# 1443
Delta R.T. -0.053 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion: 77 Resp: 974067
Ion Ratio Lower Upper
77 100
182 23.5 0.1 40.1
105 23.5 3.6 43.6
51 27.1 9.4 49.4

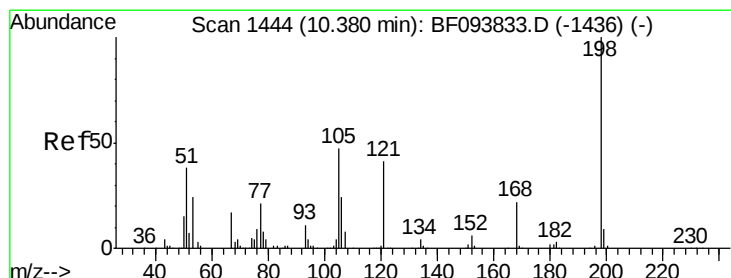
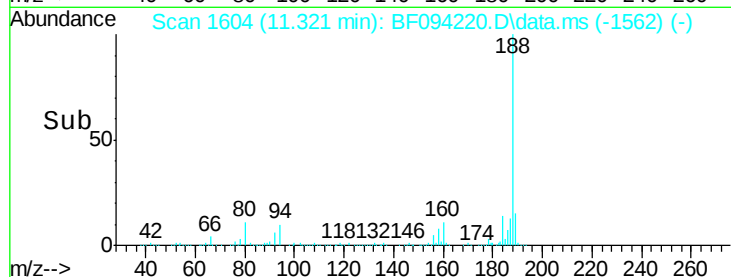
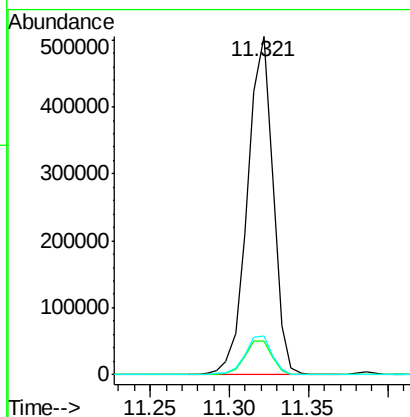
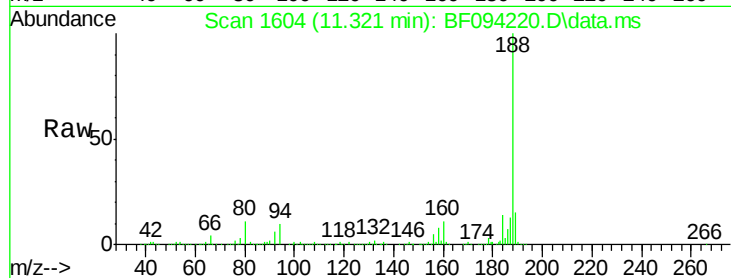




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.321 min Scan# 16
Delta R.T. -0.053 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

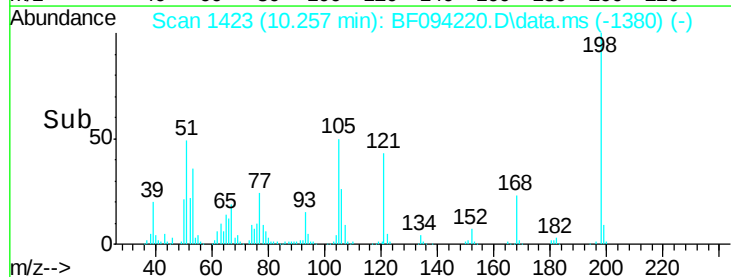
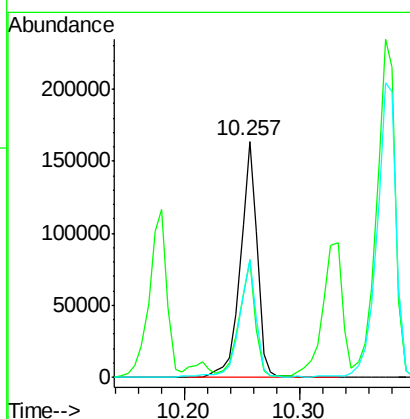
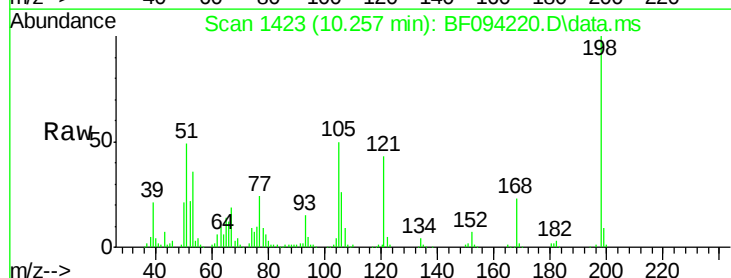
Instrument :
BNA_F
ClientSampleId :
PB98067BS

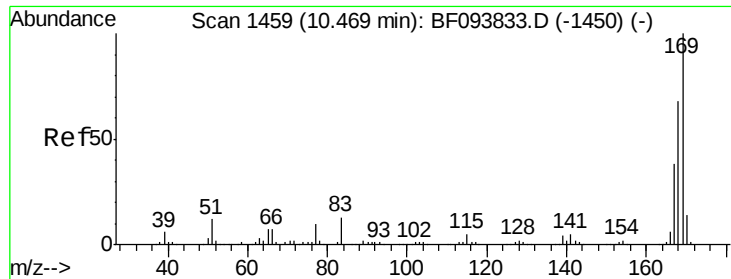
Tot Ion:188 Resp: 565695
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 11.3 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 47.49 ng
RT: 10.257 min Scan# 1423
Delta R.T. -0.047 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion:198 Resp: 164537
Ion Ratio Lower Upper
198 100
51 49.1 53.2 93.2#
105 49.8 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 43.98 ng

RT: 10.333 min Scan# 14

Delta R.T. -0.047 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

ClientSampleId :

PB98067BS

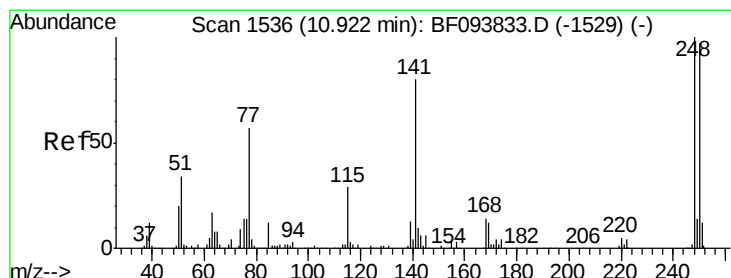
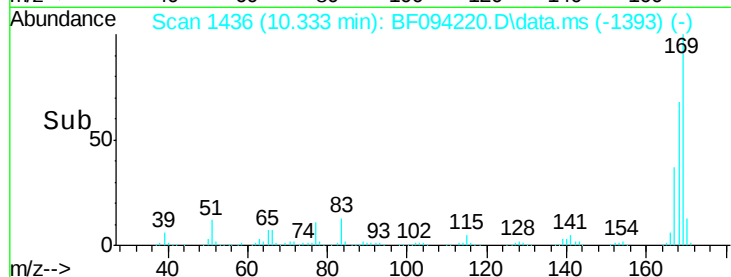
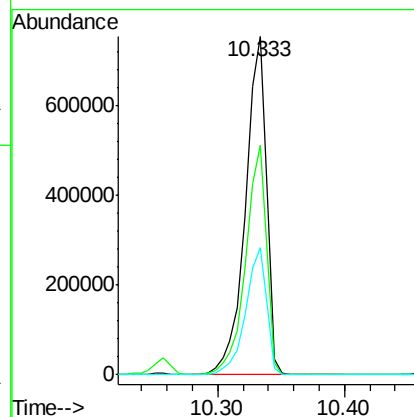
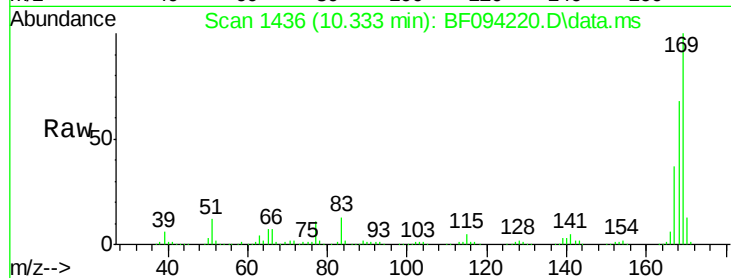
Tot Ion:169 Resp: 860315

Ion Ratio Lower Upper

169 100

168 67.8 53.2 79.8

167 37.4 29.5 44.3



#66

4-Bromophenyl-phenylether

Concen: 44.18 ng

RT: 10.780 min Scan# 1512

Delta R.T. -0.047 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

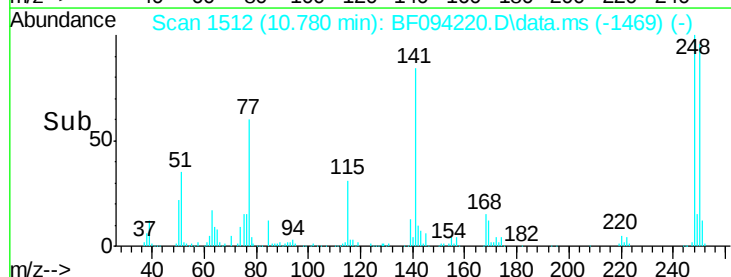
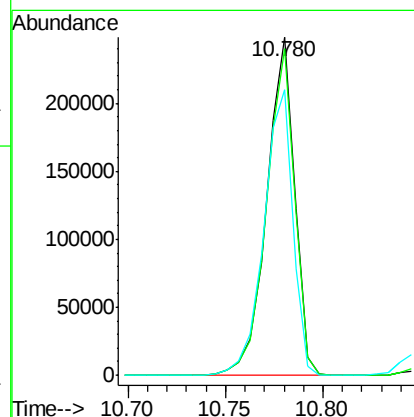
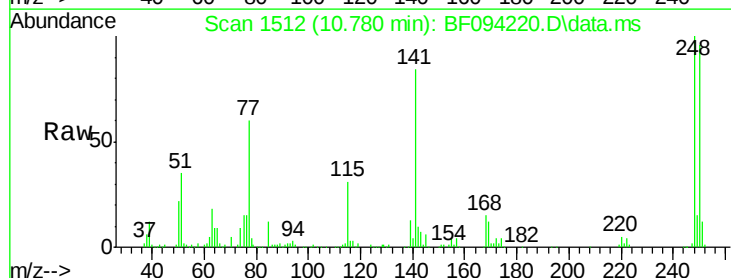
Tgt Ion:248 Resp: 245812

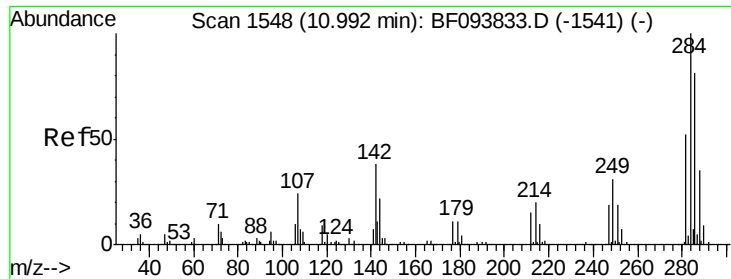
Ion Ratio Lower Upper

248 100

250 96.4 76.8 115.2

141 84.4 68.6 103.0

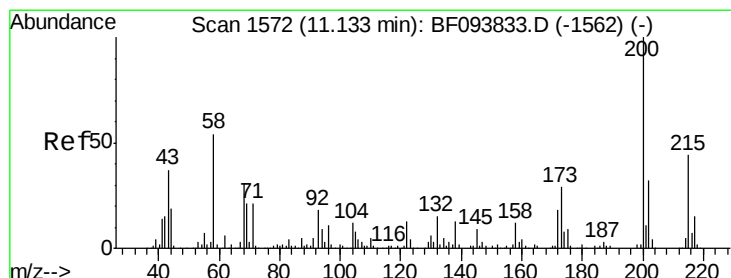
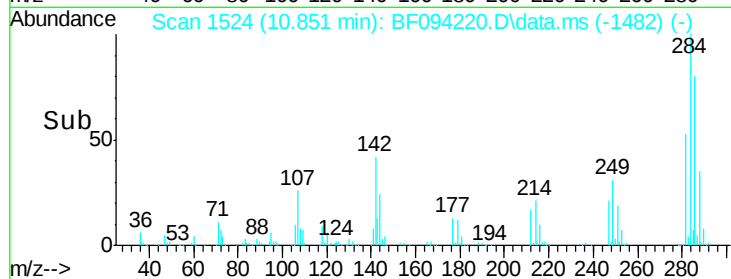
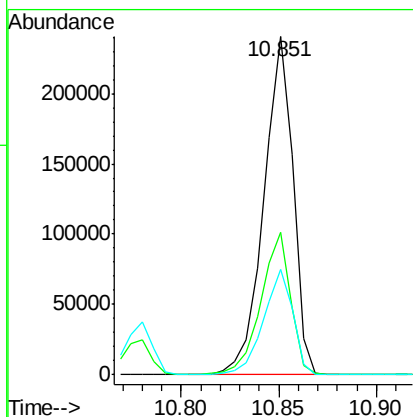
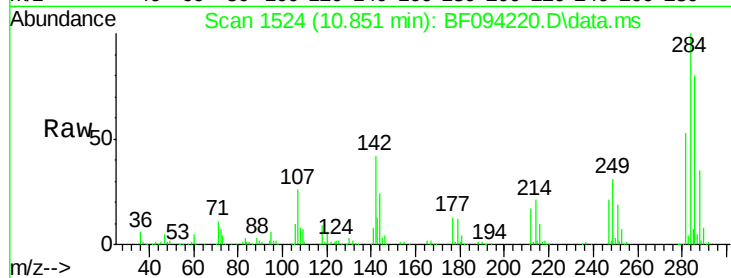




#67
Hexachlorobenzene
Concen: 44.25 ng
RT: 10.851 min Scan# 1548
Delta R.T. -0.053 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

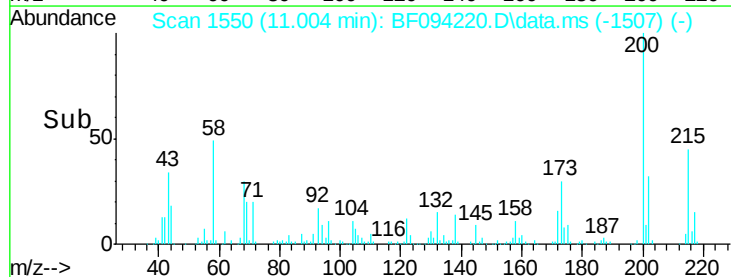
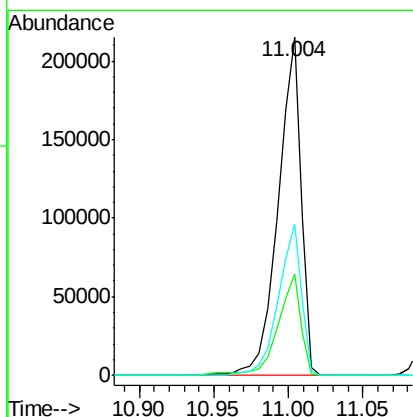
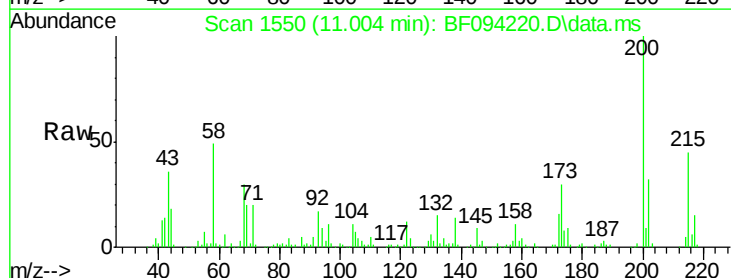
Instrument :
BNA_F
ClientSampleId :
PB98067BS

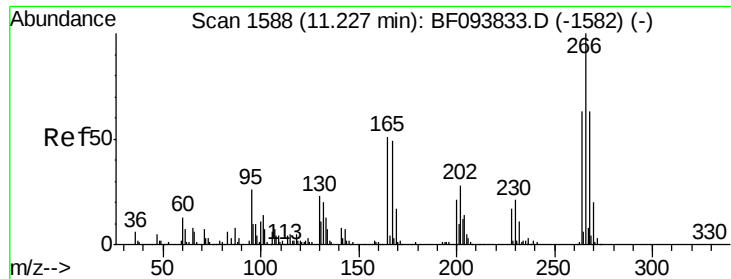
Tot Ion	Ratio	Lower	Upper
284	100		
142	42.1	22.8	34.2#
249	31.2	24.0	36.0



#68
Atrazine
Concen: 39.62 ng
RT: 11.004 min Scan# 1550
Delta R.T. -0.047 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.8	6.3	46.3
215	44.8	27.2	67.2

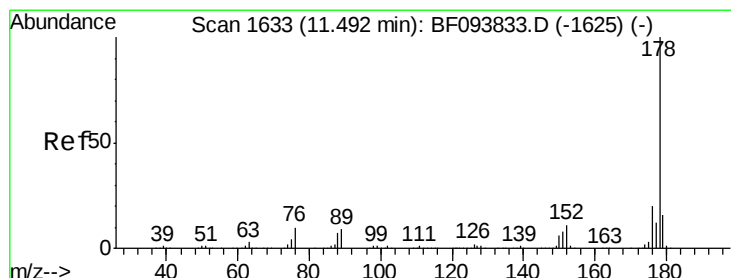
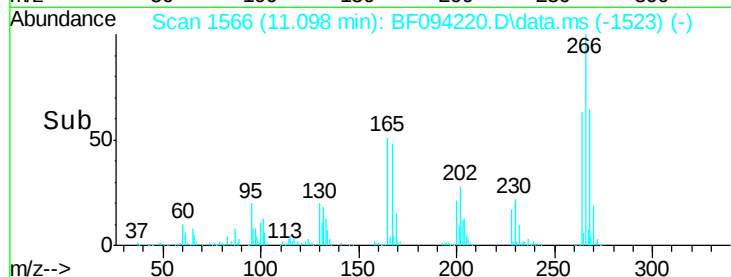
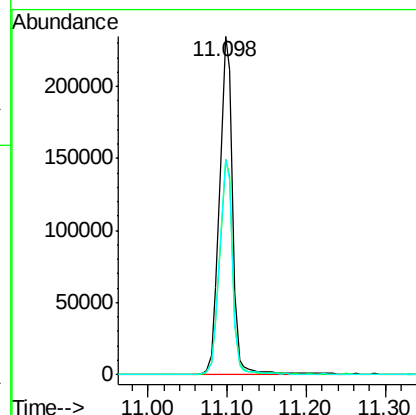
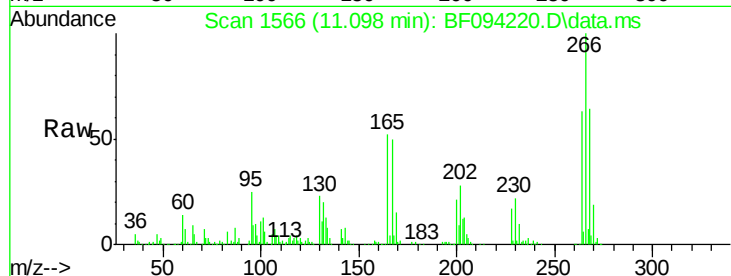




#69
 Pentachlorophenol
 Concen: 77.08 ng
 RT: 11.098 min Scan# 15
 Delta R.T. -0.047 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

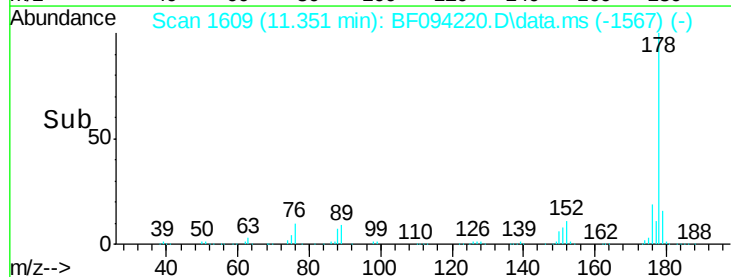
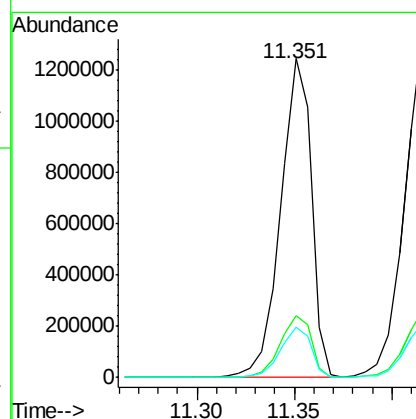
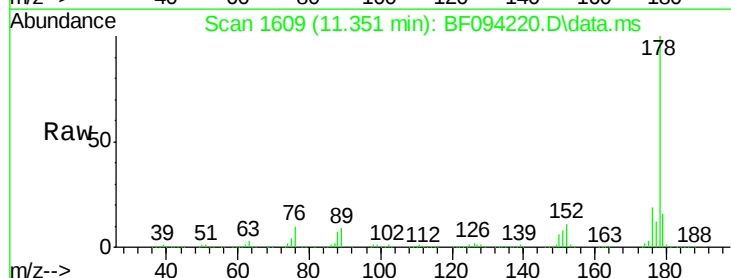
Instrument :
 BNA_F
 ClientSampleId :
 PB98067BS

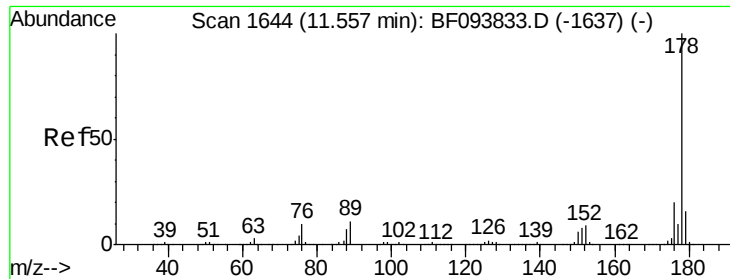
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.1	76.7
264	63.5	51.7	77.5



#70
 Phenanthrene
 Concen: 43.06 ng
 RT: 11.351 min Scan# 1609
 Delta R.T. -0.053 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.7	12.6	19.0

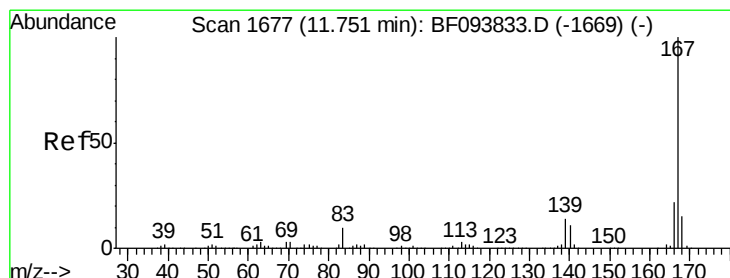
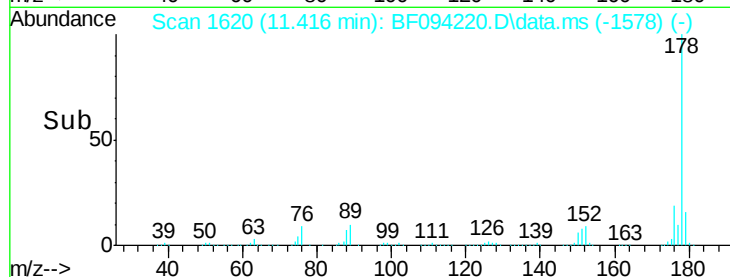
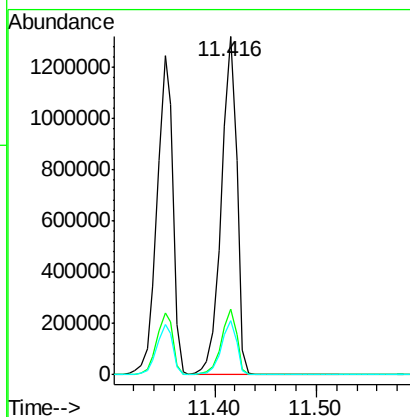
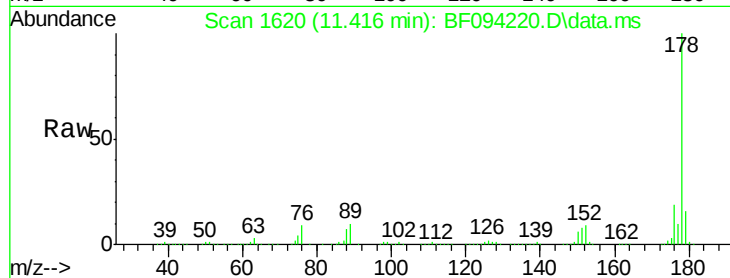




#71
 Anthracene
 Concen: 43.13 ng
 RT: 11.416 min Scan# 1616
 Delta R.T. -0.053 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

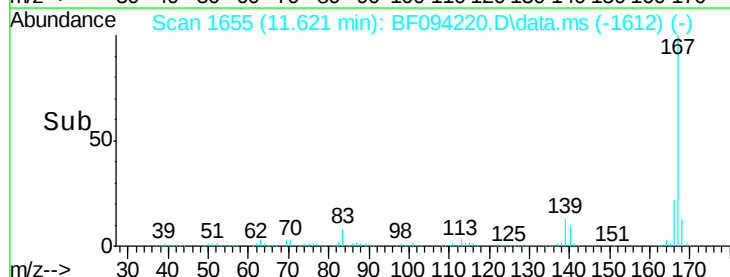
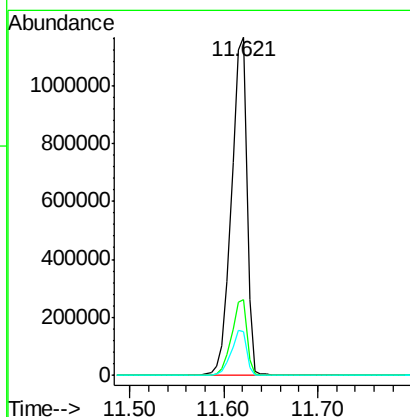
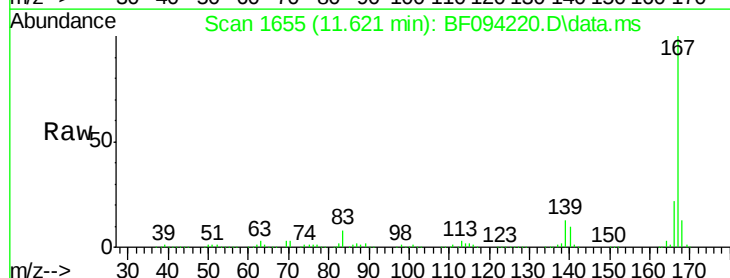
Instrument :
 BNA_F
 ClientSampleId :
 PB98067BS

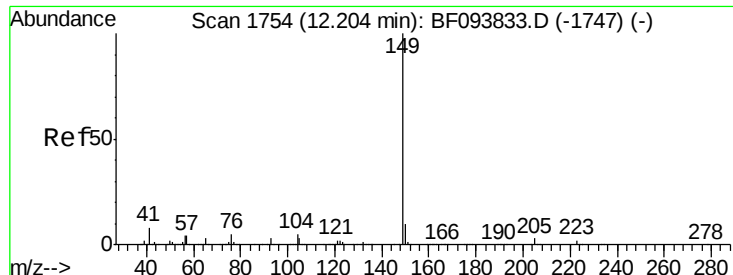
Tot Ion:178 Resp: 1397534
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.9 12.7 19.1



#72
 Carbazole
 Concen: 40.23 ng
 RT: 11.621 min Scan# 1655
 Delta R.T. -0.047 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Tgt Ion:167 Resp: 1336538
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.1 27.1
 139 12.9 11.7 17.5

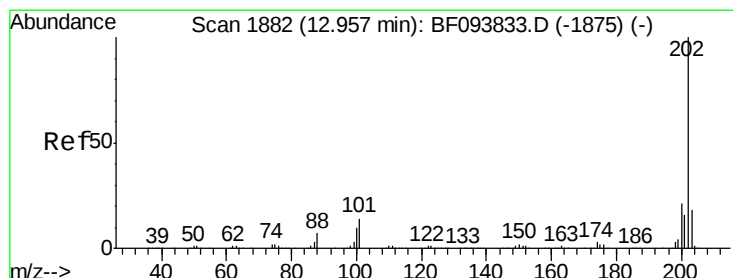
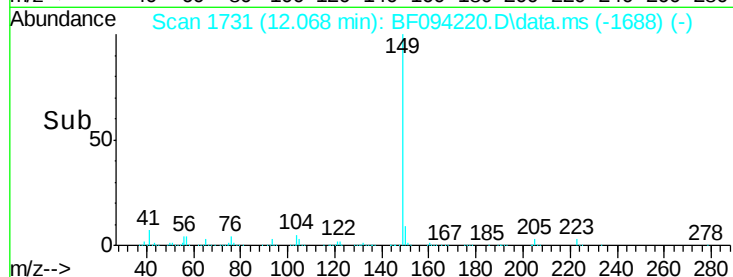
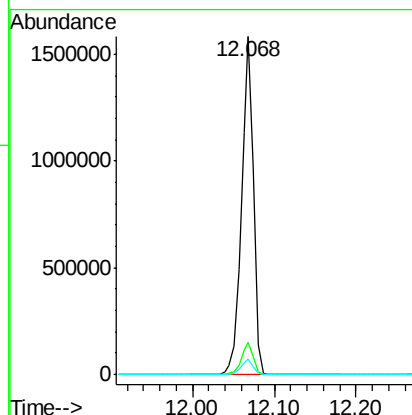
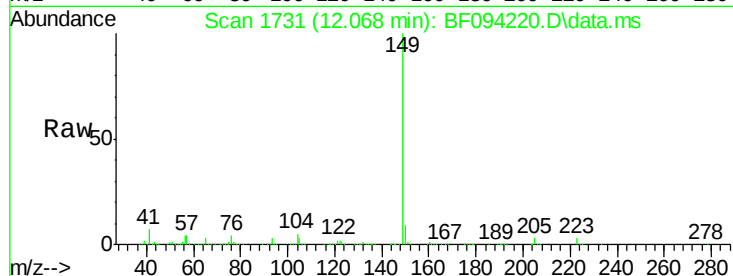




#73
Di-n-butylphthalate
Concen: 46.45 ng
RT: 12.068 min Scan# 17
Delta R.T. -0.047 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

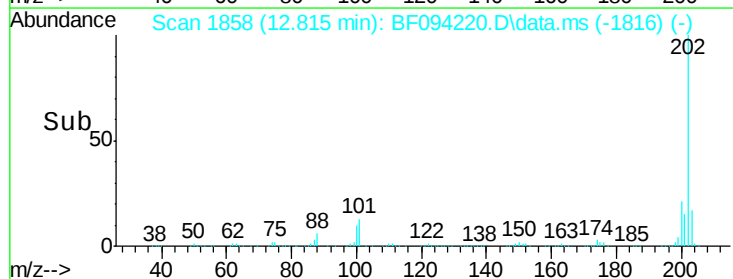
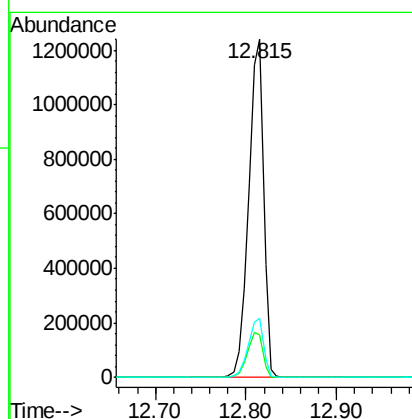
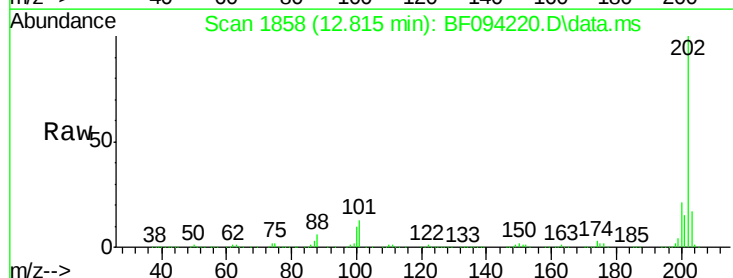
Instrument :
BNA_F
ClientSampleId :
PB98067BS

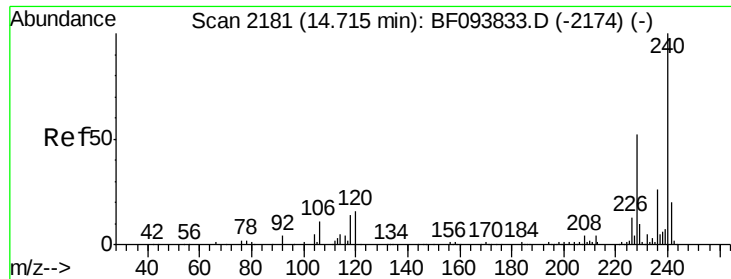
Tot Ion:149 Resp: 1604854
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 4.8 4.0 6.0



#74
Fluoranthene
Concen: 43.88 ng
RT: 12.815 min Scan# 1858
Delta R.T. -0.053 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion:202 Resp: 1413807
Ion Ratio Lower Upper
202 100
101 12.7 0.0 33.2
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.574 min Scan# 21

Delta R.T. -0.053 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

ClientSampleId :

PB98067BS

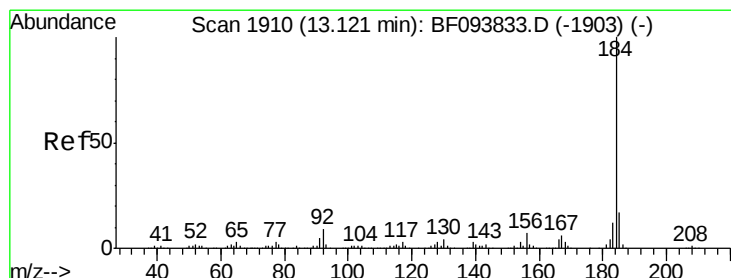
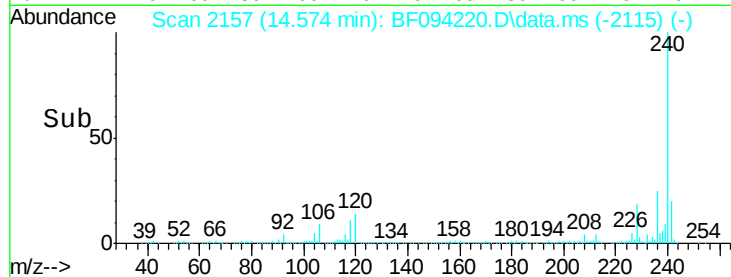
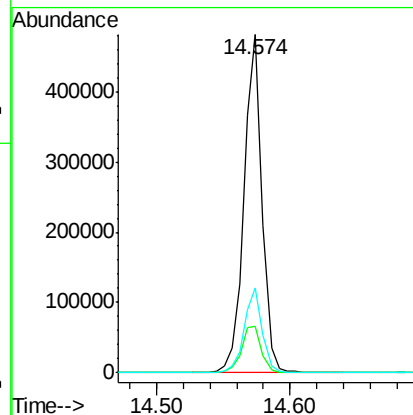
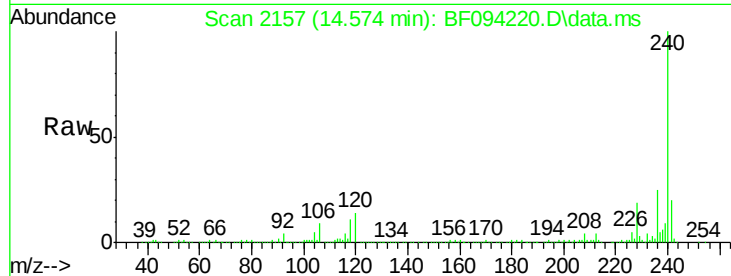
Tot Ion:240 Resp: 451807

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

236 24.9 20.5 30.7



#76

Benzidine

Concen: 11.36 ng

RT: 12.980 min Scan# 1886

Delta R.T. -0.053 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

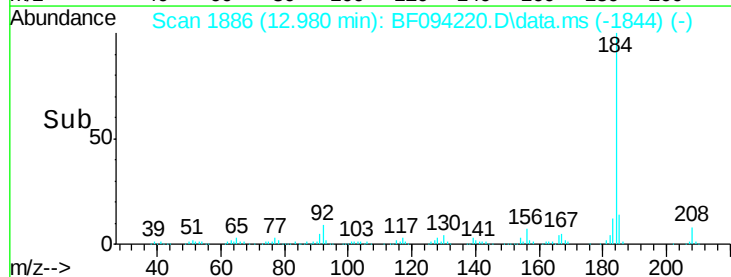
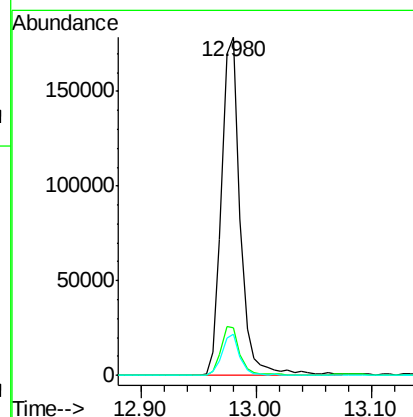
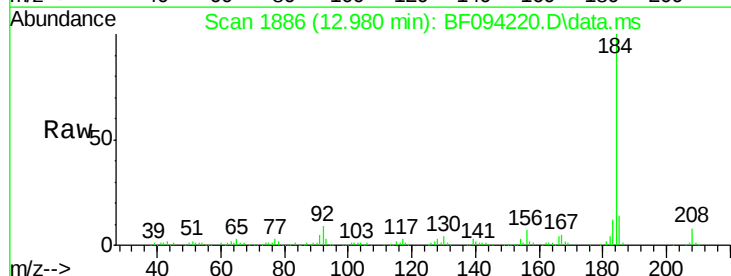
Tgt Ion:184 Resp: 203184

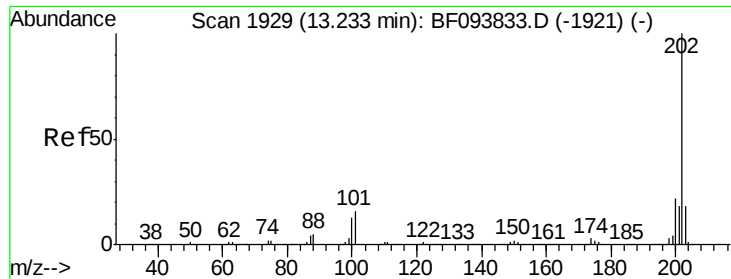
Ion Ratio Lower Upper

184 100

185 14.0 15.5 23.3#

183 12.3 9.8 14.6

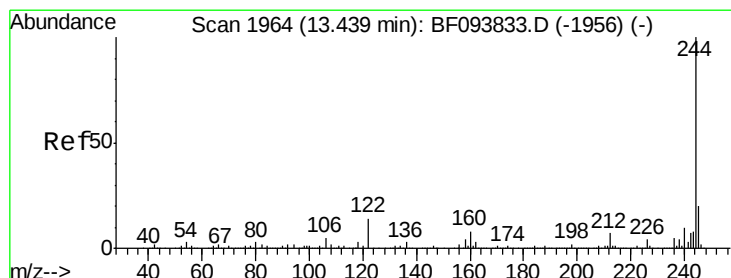
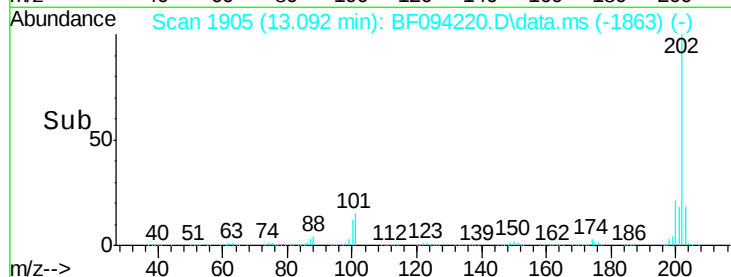
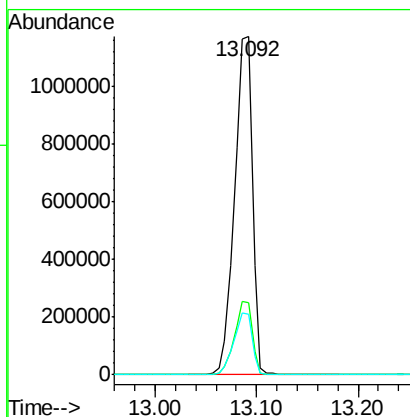
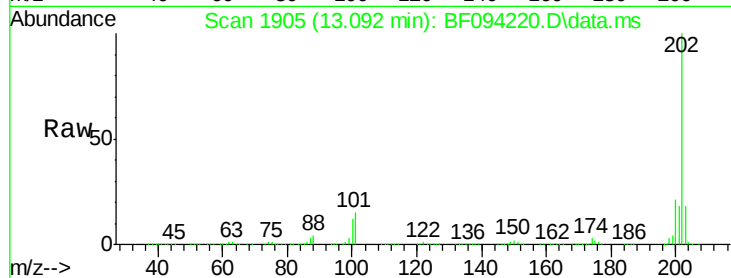




#77
Pvrene
Concen: 43.79 ng
RT: 13.092 min Scan# 19
Delta R.T. -0.053 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

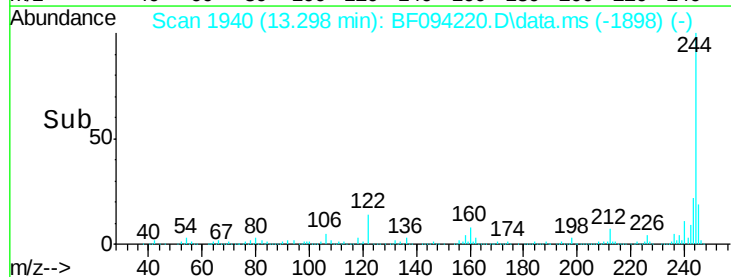
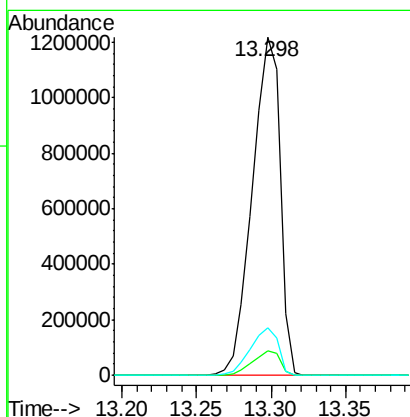
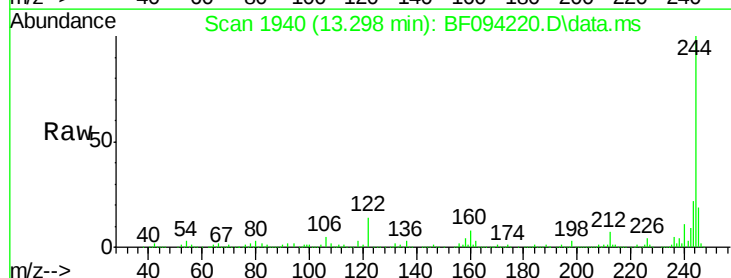
Instrument :
BNA_F
ClientSampleId :
PB98067BS

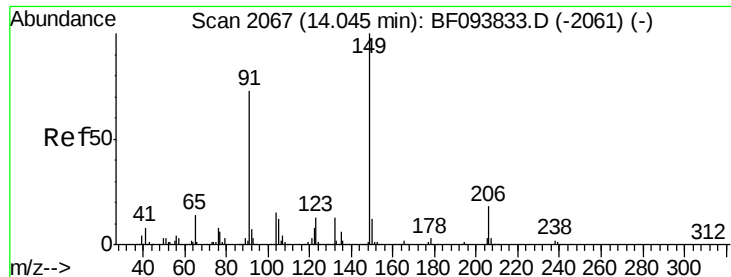
Tot Ion:202 Resp: 1435773
Ion Ratio Lower Upper
202 100
200 21.4 17.6 26.4
203 17.8 14.4 21.6



#78
Terphenyl-d14
Concen: 77.84 ng
RT: 13.298 min Scan# 1940
Delta R.T. -0.053 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion:244 Resp: 1568927
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 13.9 10.3 15.5

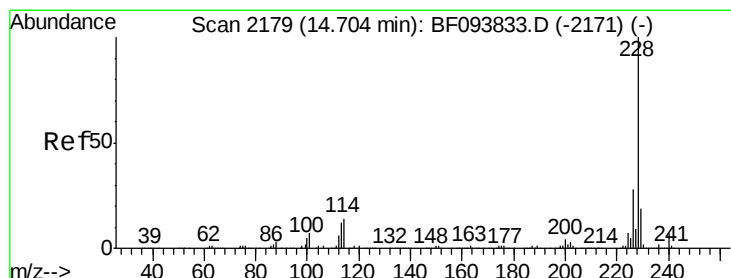
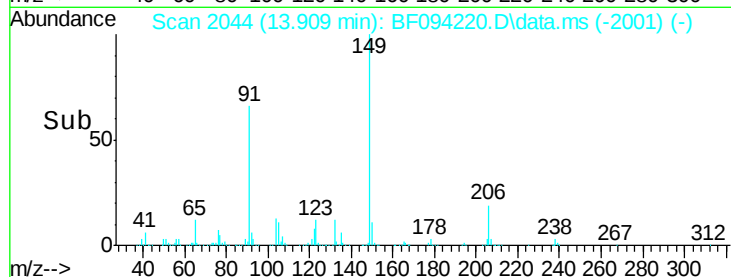
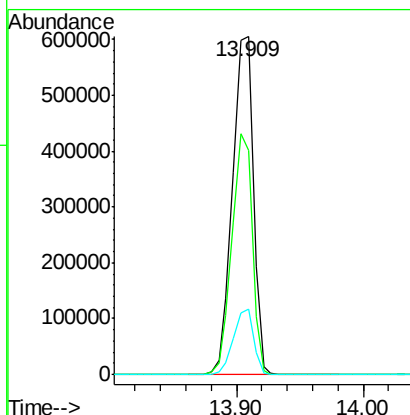
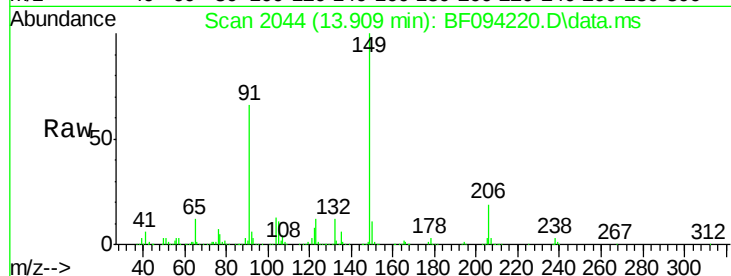




#79
Butylbenzylphthalate
Concen: 49.11 ng
RT: 13.909 min Scan# 2067
Delta R.T. -0.047 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

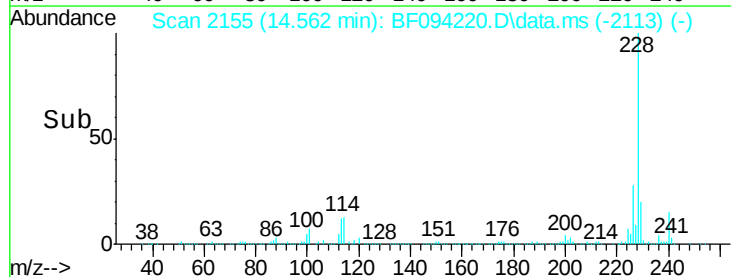
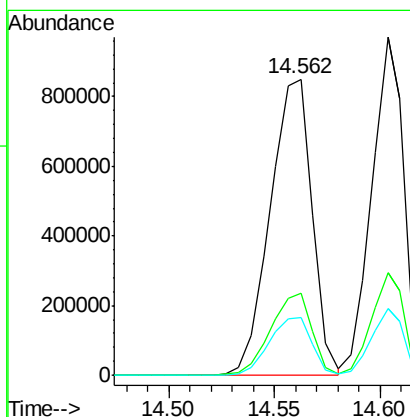
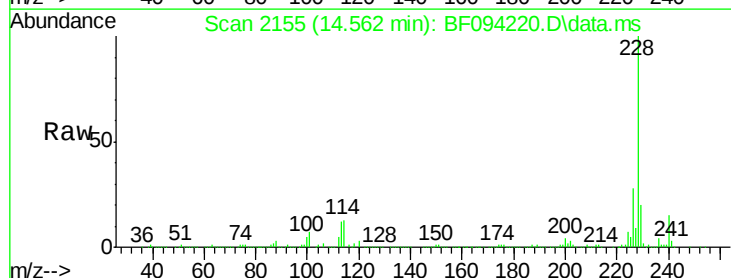
Instrument :
BNA_F
ClientSampleId :
PB98067BS

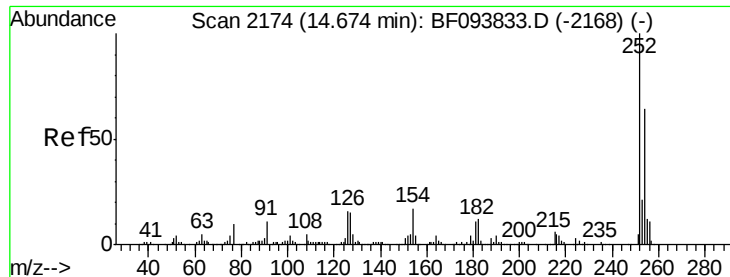
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.1	45.0	67.4
206	19.4	17.0	25.6



#80
Benzo(a)anthracene
Concen: 44.67 ng
RT: 14.562 min Scan# 2155
Delta R.T. -0.053 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.5	16.3	24.5

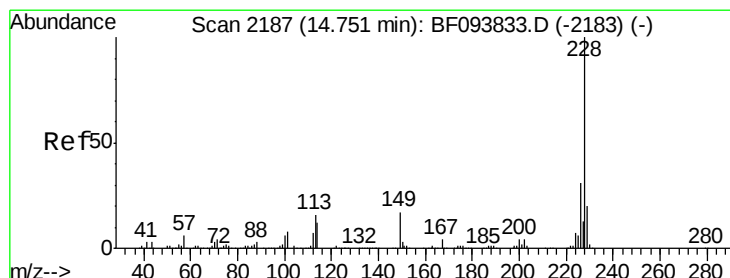
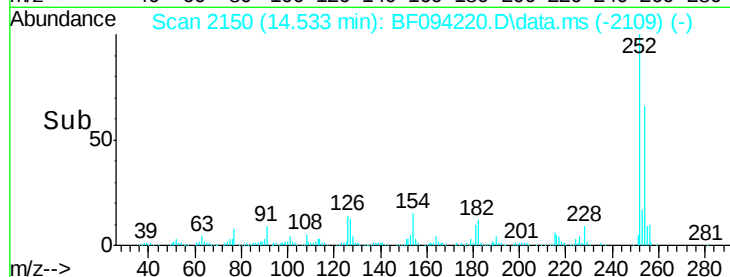
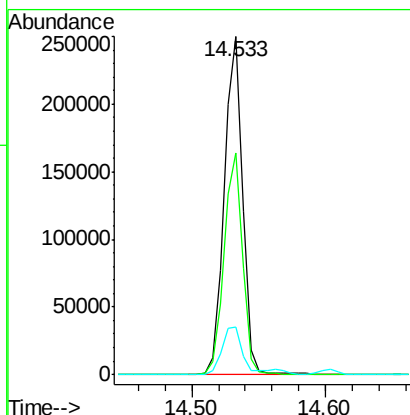
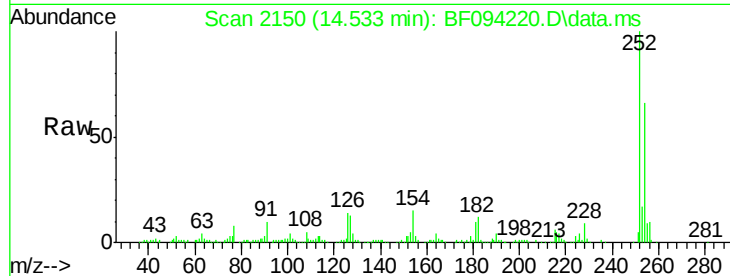




#81
 3,3'-Dichlorobenzidine
 Concen: 25.77 ng
 RT: 14.533 min Scan# 2174
 Delta R.T. -0.059 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

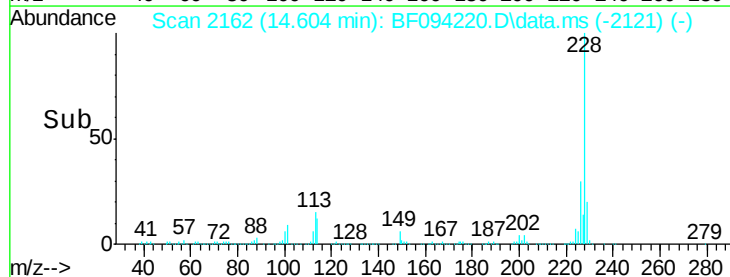
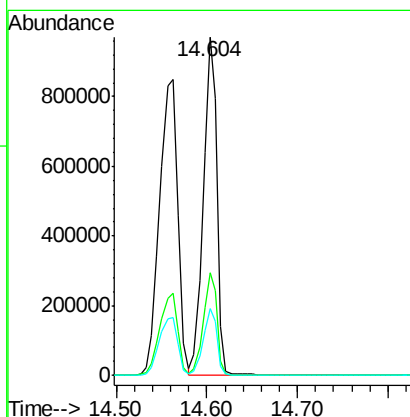
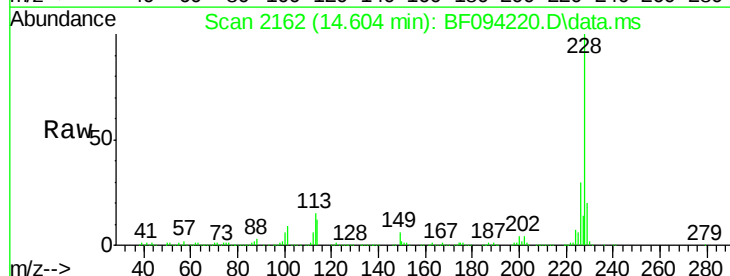
Instrument :
 BNA_F
 ClientSampleId :
 PB98067BS

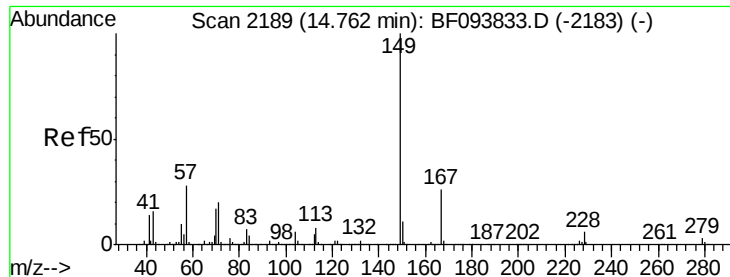
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.5	77.3
126	14.0	15.8	23.8



#82
 Chrysene
 Concen: 42.18 ng
 RT: 14.604 min Scan# 2162
 Delta R.T. -0.059 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	19.6	15.8	23.6

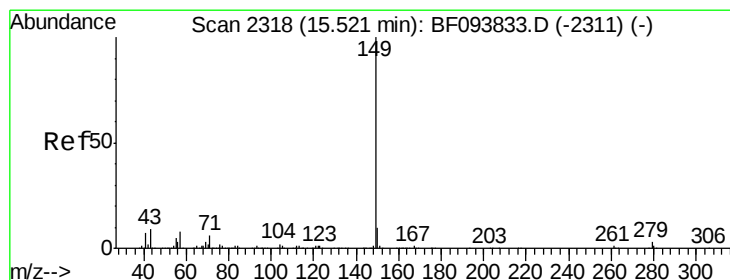
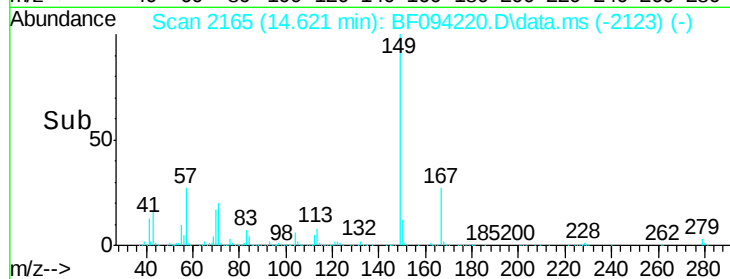
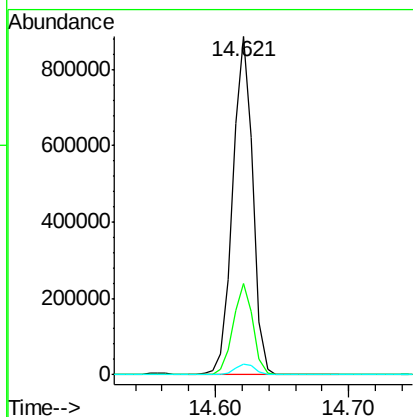
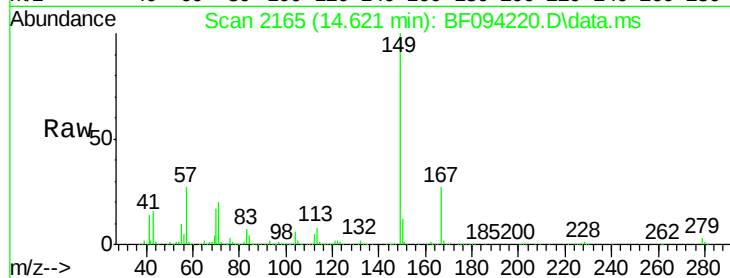




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.93 ng
 RT: 14.621 min Scan# 2189
 Delta R.T. -0.053 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

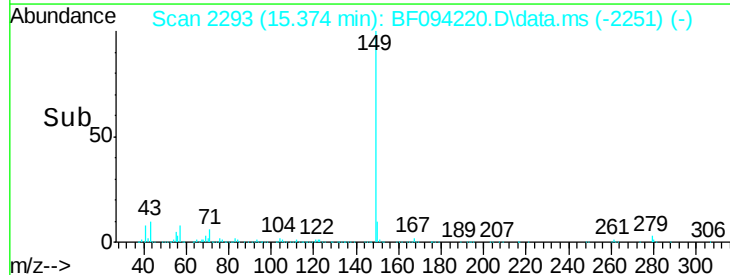
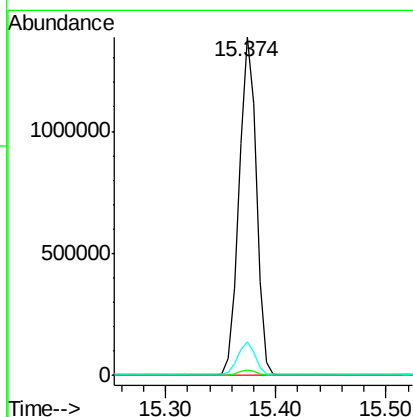
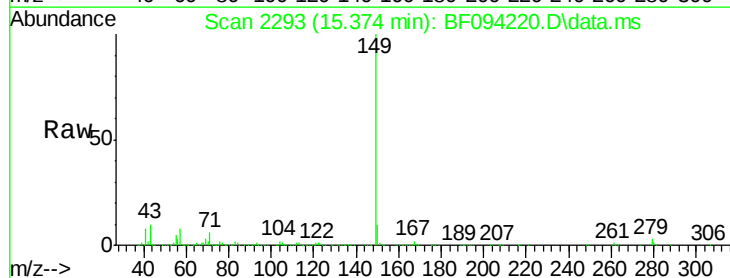
Instrument :
 BNA_F
 ClientSampleId :
 PB98067BS

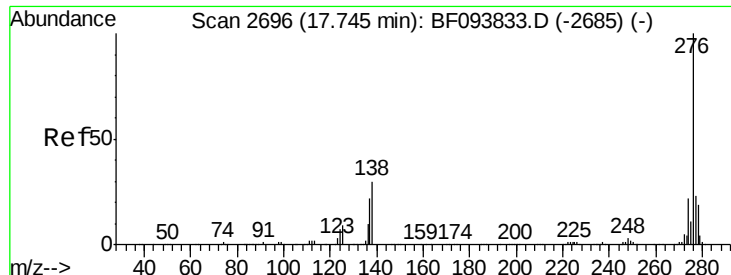
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.0	31.4
279	3.1	1.9	2.9



#84
 Di-n-octyl phthalate
 Concen: 48.10 ng
 RT: 15.374 min Scan# 2293
 Delta R.T. -0.053 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.4	8.5	12.7

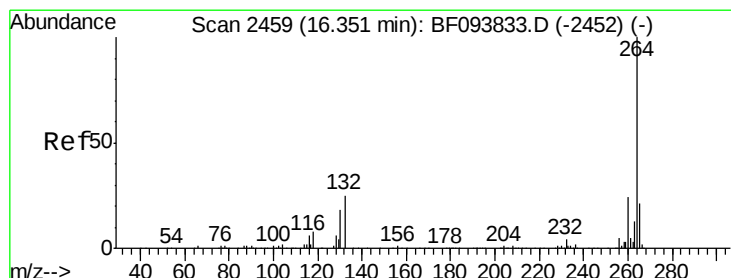
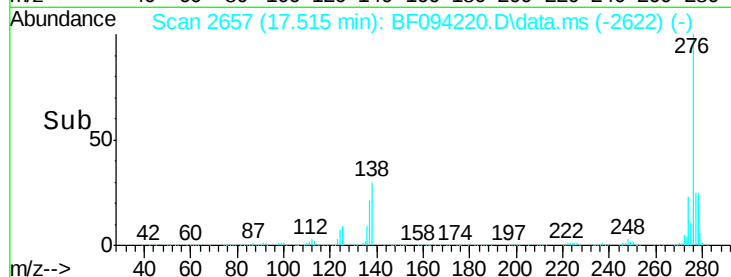
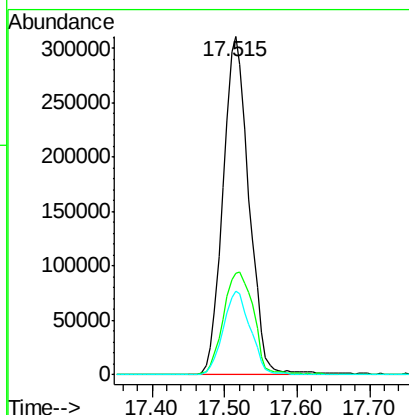
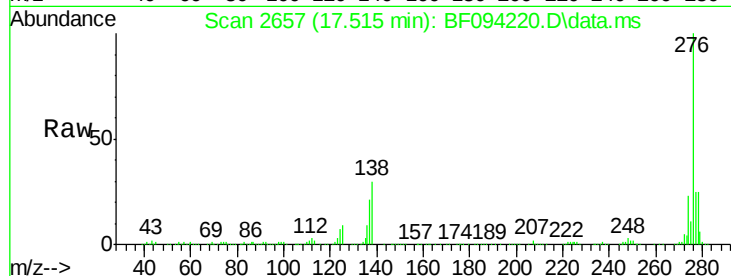




#85
Indeno(1,2,3-cd)pyrene
Concen: 36.50 ng
RT: 17.515 min Scan# 2696
Delta R.T. -0.094 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

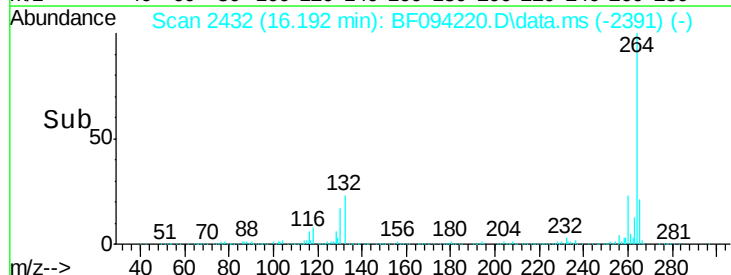
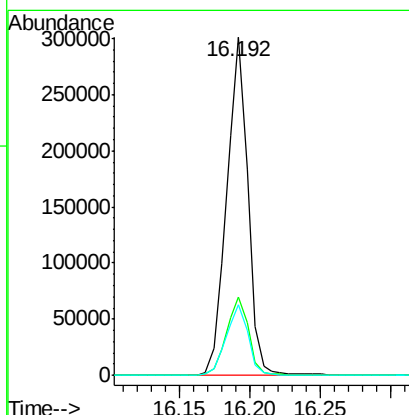
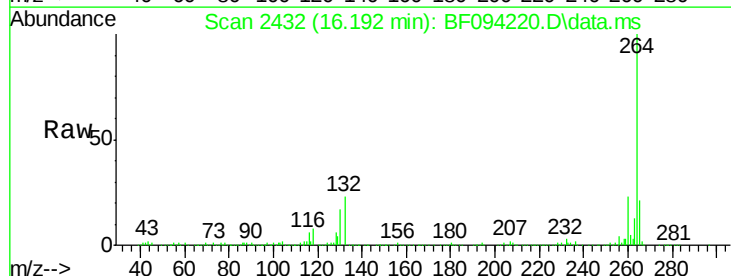
Instrument :
BNA_F
ClientSampleId :
PB98067BS

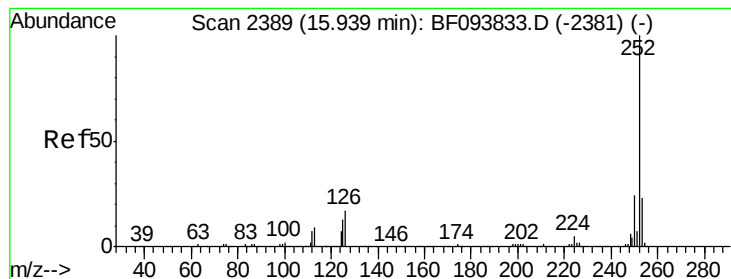
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.1	27.8	41.6
277	25.8	20.2	30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.192 min Scan# 2432
Delta R.T. -0.059 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 46.41 ng

RT: 15.792 min Scan# 2389

Delta R.T. -0.059 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

ClientSampleId :

PB98067BS

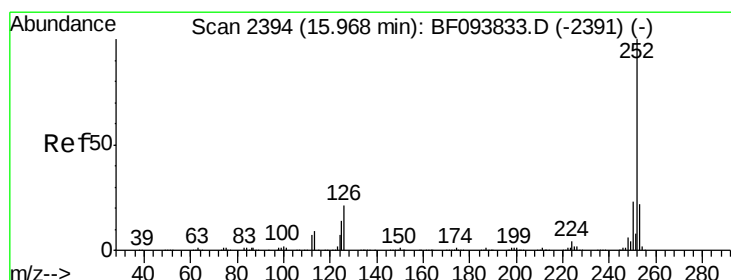
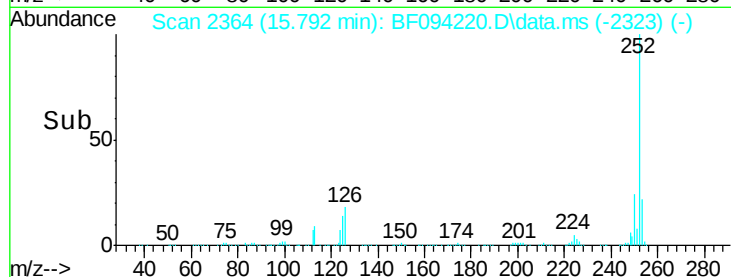
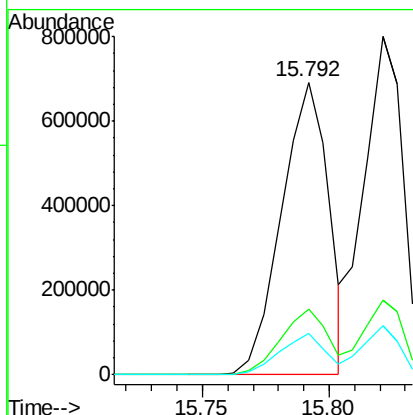
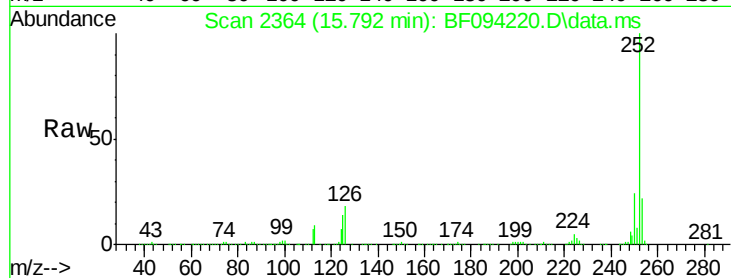
Tot Ion:252 Resp: 893386

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

125 13.9 9.8 14.8



#88

Benzo(k)fluoranthene

Concen: 46.48 ng

RT: 15.821 min Scan# 2369

Delta R.T. -0.059 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

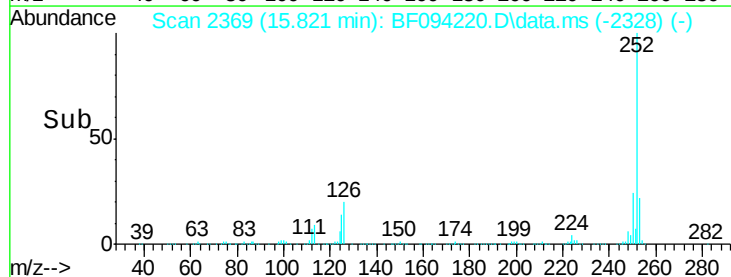
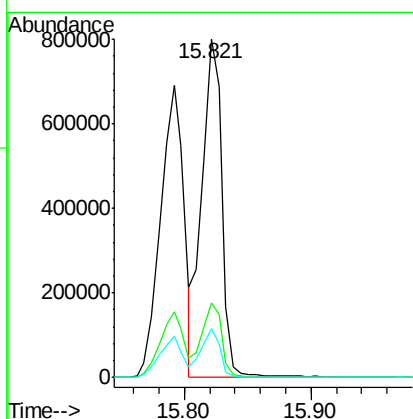
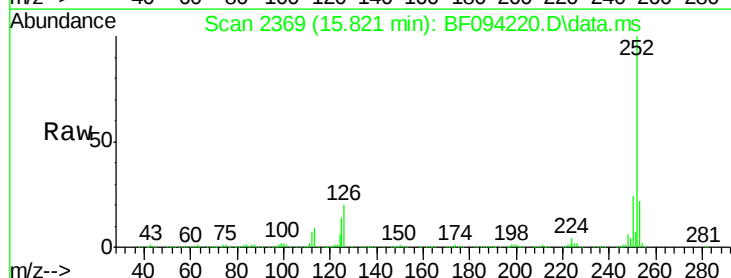
Tgt Ion:252 Resp: 875452

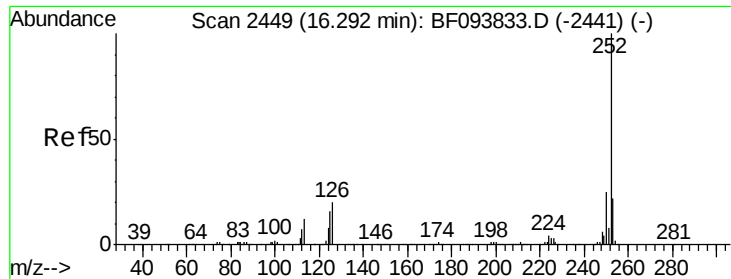
Ion Ratio Lower Upper

252 100

253 21.9 18.4 27.6

125 14.3 13.1 19.7





#89

Benzo(a)pyrene

Concen: 44.90 ng

RT: 16.139 min Scan# 24

Delta R.T. -0.059 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

ClientSampleId :

PB98067BS

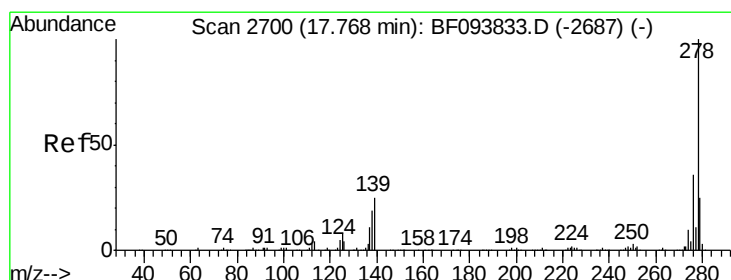
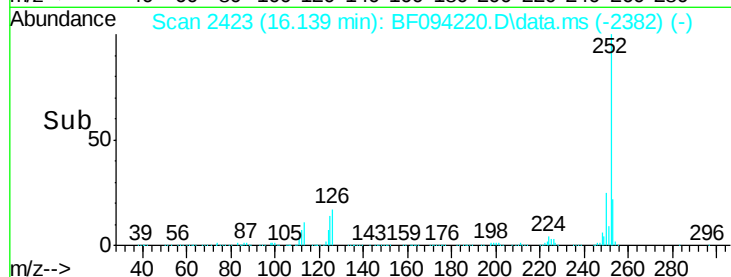
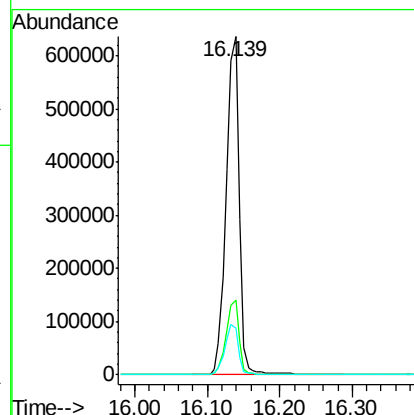
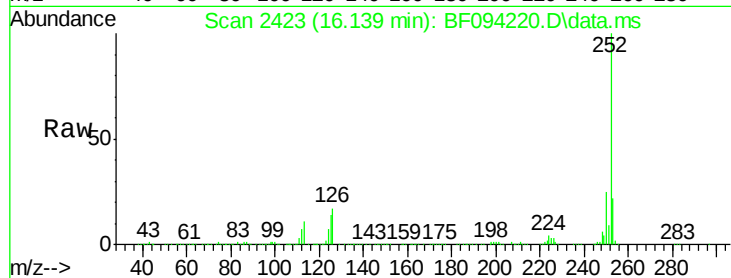
Tot Ion:252 Resp: 795933

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 13.7 11.0 16.4



#90

Dibenzo(a,h)anthracene

Concen: 42.59 ng

RT: 17.539 min Scan# 2661

Delta R.T. -0.094 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

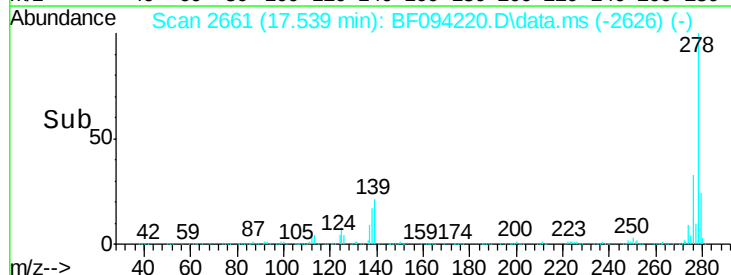
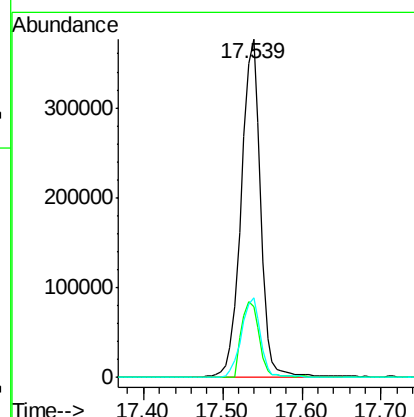
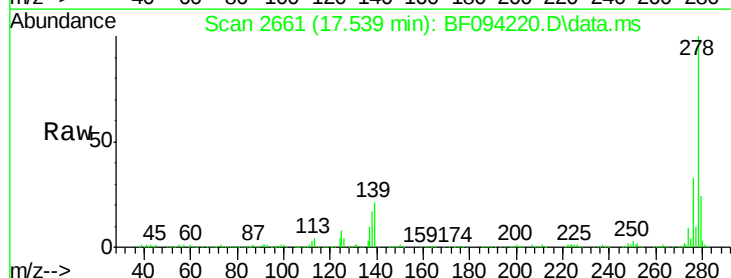
Tgt Ion:278 Resp: 639400

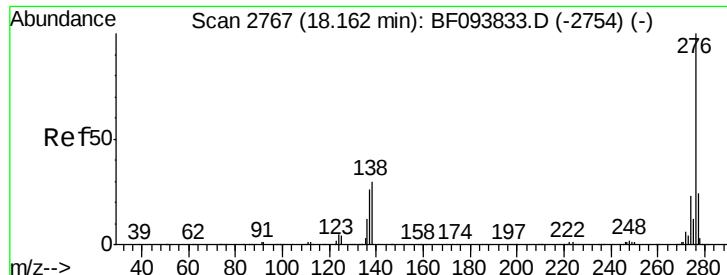
Ion Ratio Lower Upper

278 100

139 20.9 16.6 24.8

279 23.6 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 43.10 ng

RT: 17.909 min Scan# 27

Delta R.T. -0.100 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

ClientSampleId :

PB98067BS

Tot Ion:276 Resp: 652171

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 29.9 25.4 38.0

