

Data Path : Z:\HPCHEM1\BNA F\Data\BF040617\
 Data File : BF094225.D
 Acq On : 6 Apr 2017 13:49
 Operator : SJ/MA
 Sample : PB98085BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98085BS

Quant Time: Apr 06 15:20:16 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	153598	20.00	ng	-0.05
21) Naphthalene-d8	7.357	136	625572	20.00	ng	-0.05
38) Acenaphthene-d10	9.498	164	296253	20.00	ng	-0.05
63) Phenanthrene-d10	11.321	188	516364	20.00	ng	-0.05
75) Chrysene-d12	14.568	240	377306	20.00	ng	-0.06
86) Perylene-d12	16.192	264	266778	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	4.398	112	1170397	128.70	ng	-0.04
7) Phenol-d6	5.469	99	1459031	129.69	ng	-0.04
23) Nitrobenzene-d5	6.504	82	924530	84.34	ng	-0.05
41) 2,4,6-Tribromophenol	10.474	330	341614	145.92	ng	-0.05
44) 2-Fluorobiphenyl	8.680	172	1688462	86.93	ng	-0.05
78) Terphenyl-d14	13.298	244	1458189	86.63	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.240	88	148168	33.91	ng	97
3) Pyridine	2.728	79	441491	37.08	ng	98
4) n-Nitrosodimethylamine	2.693	42	207365	42.32	ng	89
6) Aniline	5.475	93	476563	30.45	ng	# 35
8) 2-Chlorophenol	5.622	128	463512	46.37	ng	95
9) Benzaldehyde	5.345	77	193811	25.51	ng	98
10) Phenol	5.481	94	547628	42.78	ng	91
11) bis(2-Chloroethyl)ether	5.563	93	431192	43.10	ng	98
12) 1,3-Dichlorobenzene	5.787	146	488477	43.57	ng	99
13) 1,4-Dichlorobenzene	5.875	146	494301	43.53	ng	97
14) 1,2-Dichlorobenzene	6.051	146	464427	44.41	ng	95
15) Benzyl Alcohol	6.022	79	379206	46.05	ng	100
16) 2,2'-oxybis(1-Chloropr...	6.187	45	608536	39.47	ng	97
17) 2-Methylphenol	6.163	107	386082	45.10	ng	99
18) Hexachloroethane	6.439	117	174443	43.70	ng	# 82
19) n-Nitroso-di-n-propyla...	6.339	70	316752	43.81	ng	96
20) 3+4-Methylphenols	6.345	107	495100	47.75	ng	# 64
22) Acetophenone	6.328	105	649313	46.57	ng	# 86
24) Nitrobenzene	6.528	77	472665	43.72	ng	95
25) Isophorone	6.816	82	862556	44.78	ng	95
26) 2-Nitrophenol	6.904	139	263133	51.04	ng	99
27) 2,4-Dimethylphenol	6.969	122	429881	48.39	ng	99
28) bis(2-Chloroethoxy)met...	7.075	93	550121	43.31	ng	99
29) 2,4-Dichlorophenol	7.198	162	406856	48.98	ng	97
30) 1,2,4-Trichlorobenzene	7.292	180	386636	45.19	ng	99
31) Naphthalene	7.386	128	1317822	43.81	ng	99
32) Benzoic acid	7.139	122	274271	46.38	ng	98
33) 4-Chloroaniline	7.451	127	365280	29.96	ng	94
34) Hexachlorobutadiene	7.539	225	192695	43.92	ng	98
35) Caprolactam	7.898	113	71700	27.07	ng	93
36) 4-Chloro-3-methylphenol	8.069	107	429384	49.47	ng	90
37) 2-Methylnaphthalene	8.228	142	920389	45.90	ng	99
39) 1,2,4,5-Tetrachloroben...	8.433	216	339011	41.83	ng	99
40) Hexachlorocyclopentadiene	8.422	237	305432	80.54	ng	98

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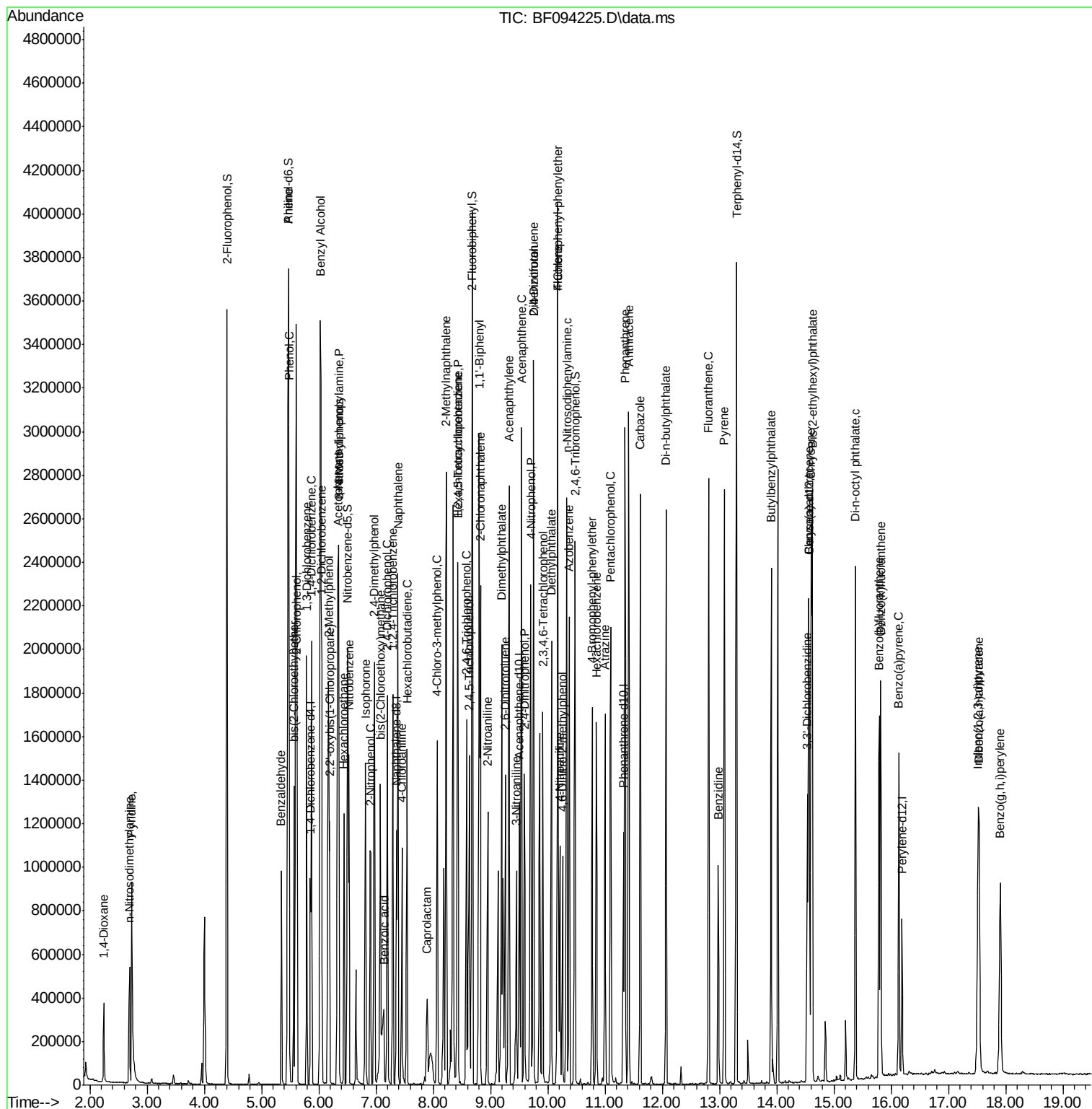
Instrument :
 BNA_F
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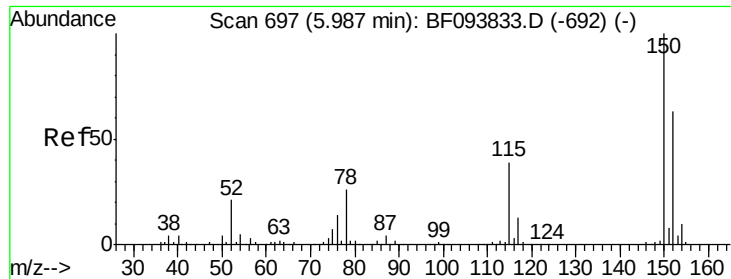
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.580	196	278064	48.50	ng	99
43) 2,4,5-Trichlorophenol	8.633	196	282520	45.54	ng	93
45) 1,1'-Biphenyl	8.798	154	1028819	43.06	ng	97
46) 2-Chloronaphthalene	8.822	162	825750	44.15	ng	95
47) 2-Nitroaniline	8.945	65	261232	47.08	ng	86
48) Acenaphthylene	9.327	152	1307830	42.07	ng	99
49) Dimethylphthalate	9.192	163	996634	47.33	ng	100
50) 2,6-Dinitrotoluene	9.257	165	226195	46.86	ng	93
51) Acenaphthene	9.539	154	780470	43.03	ng	99
52) 3-Nitroaniline	9.457	138	190662	33.63	ng	86
53) 2,4-Dinitrophenol	9.592	184	223449	86.12	ng	# 73
54) Dibenzofuran	9.751	168	1136055	46.01	ng	99
55) 4-Nitrophenol	9.704	139	377393	85.01	ng	# 74
56) 2,4-Dinitrotoluene	9.751	165	277215	45.71	ng	# 66
57) Fluorene	10.174	166	878822	42.92	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.910	232	218015	51.21	ng	97
59) Diethylphthalate	10.063	149	971212	46.66	ng	98
60) 4-Chlorophenyl-phenyle...	10.180	204	377359	43.26	ng	92
61) 4-Nitroaniline	10.216	138	261376	48.05	ng	95
62) Azobenzene	10.374	77	951275	48.31	ng	97
64) 4,6-Dinitro-2-methylph...	10.257	198	156232	49.40	ng	# 71
65) n-Nitrosodiphenylamine	10.333	169	831275	46.55	ng	98
66) 4-Bromophenyl-phenylether	10.780	248	232392	45.76	ng	96
67) Hexachlorobenzene	10.851	284	241967	47.07	ng	# 88
68) Atrazine	11.004	200	239717	44.82	ng	96
69) Pentachlorophenol	11.098	266	261439	81.70	ng	99
70) Phenanthrene	11.351	178	1297317	45.16	ng	99
71) Anthracene	11.416	178	1353219	45.75	ng	99
72) Carbazole	11.616	167	1281715	42.26	ng	99
73) Di-n-butylphthalate	12.068	149	1531590	48.56	ng	99
74) Fluoranthene	12.810	202	1335653	45.41	ng	98
76) Benzidine	12.980	184	420373	28.15	ng	# 93
77) Pyrene	13.086	202	1343785	49.07	ng	100
79) Butylbenzylphthalate	13.904	149	636185	54.53	ng	# 83
80) Benzo(a)anthracene	14.557	228	1030906	46.86	ng	99
81) 3,3'-Dichlorobenzidine	14.533	252	276193	35.12	ng	# 95
82) Chrysene	14.604	228	904609	44.31	ng	100
83) Bis(2-ethylhexyl)phtha...	14.621	149	880277	55.30	ng	# 99
84) Di-n-octyl phthalate	15.374	149	1350866	50.80	ng	97
85) Indeno(1,2,3-cd)pyrene	17.515	276	769257	43.50	ng	99
87) Benzo(b)fluoranthene	15.792	252	766899	46.90	ng	99
88) Benzo(k)fluoranthene	15.821	252	738028	46.13	ng	96
89) Benzo(a)pyrene	16.139	252	703133	46.69	ng	100
90) Dibenzo(a,h)anthracene	17.539	278	639607	50.15	ng	97
91) Benzo(g,h,i)perylene	17.909	276	668357	52.00	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.851 min Scan# 67

Delta R.T. -0.053 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

PB98085BS

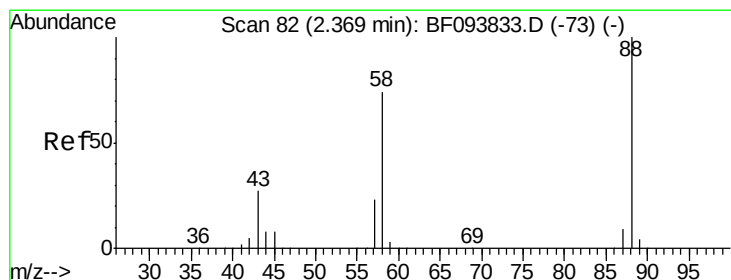
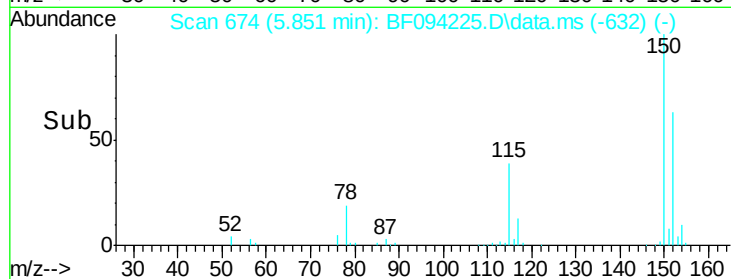
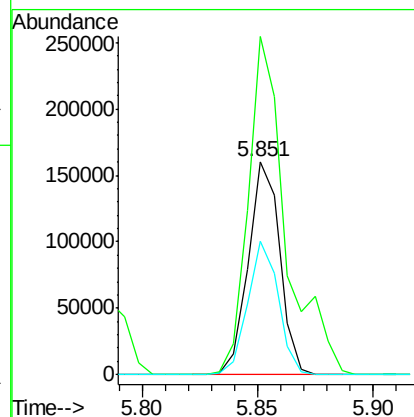
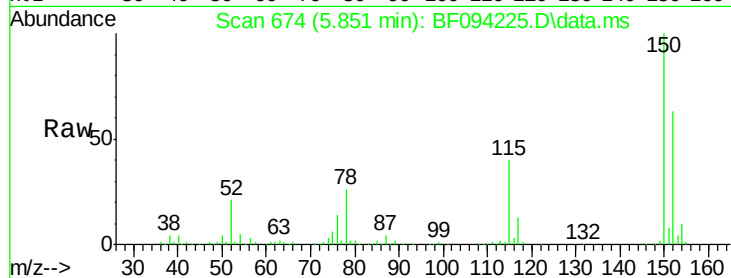
Tot Ion:152 Resp: 153598

Ion Ratio Lower Upper

152 100

150 158.5 126.2 189.2

115 62.6 52.2 78.2



#2

1,4-Dioxane

Concen: 33.91 ng

RT: 2.240 min Scan# 60

Delta R.T. -0.012 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

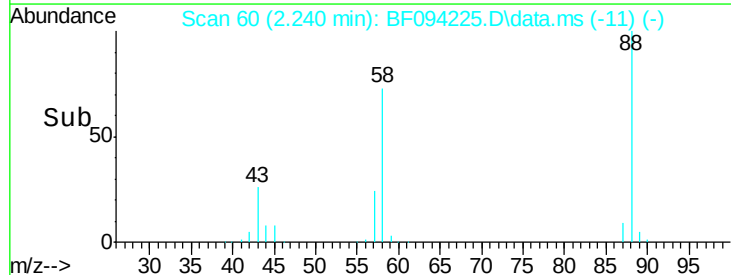
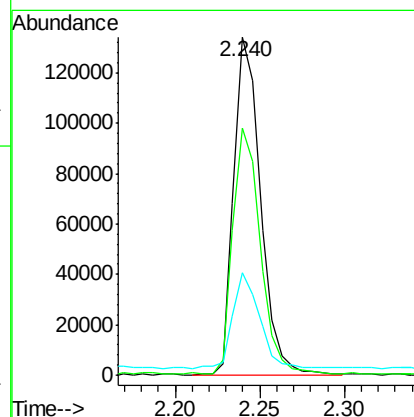
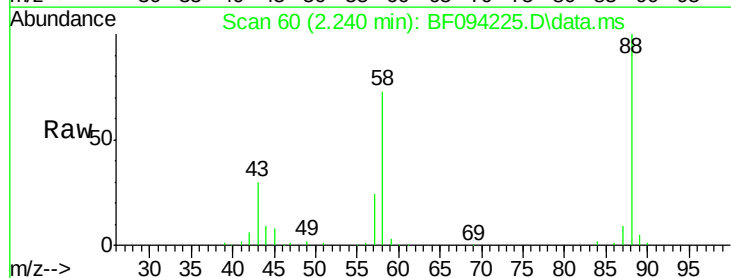
Tgt Ion: 88 Resp: 148168

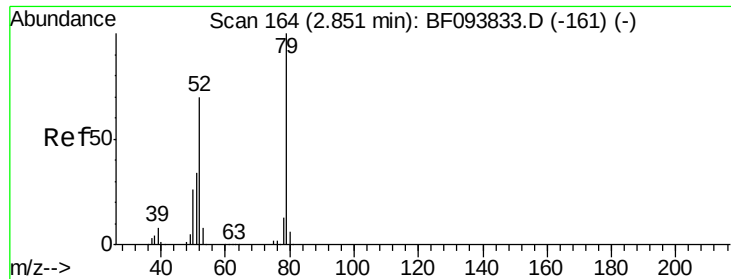
Ion Ratio Lower Upper

88 100

58 74.2 61.4 92.0

43 27.5 23.4 35.0





#3

Pvridine

Concen: 37.08 ng

RT: 2.728 min Scan# 14

Delta R.T. -0.018 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

PB98085BS

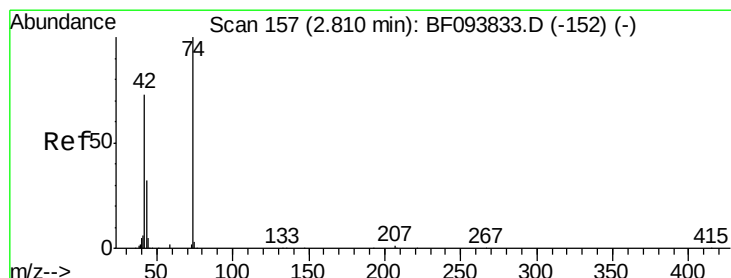
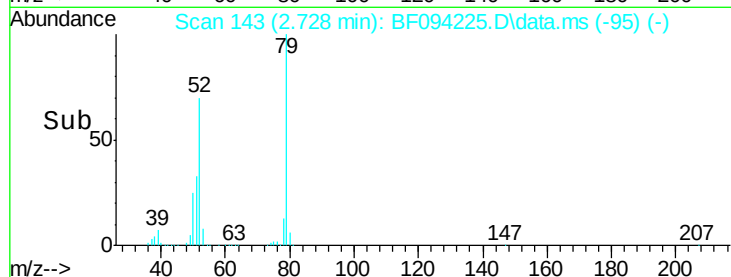
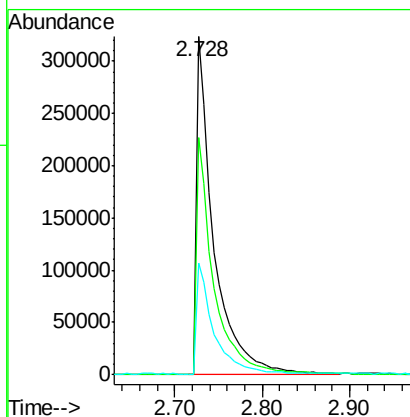
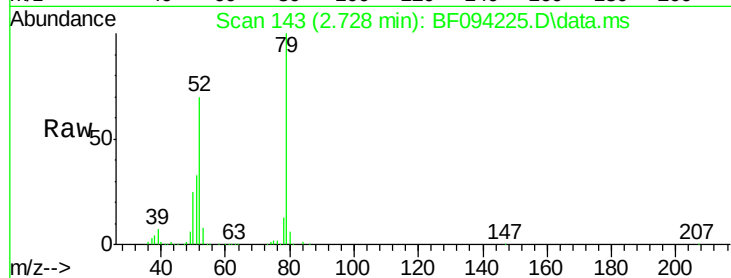
Tot Ion: 79 Resp: 441491

Ion Ratio Lower Upper

79 100

52 70.1 54.8 82.2

51 33.0 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 42.32 ng

RT: 2.693 min Scan# 137

Delta R.T. -0.024 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

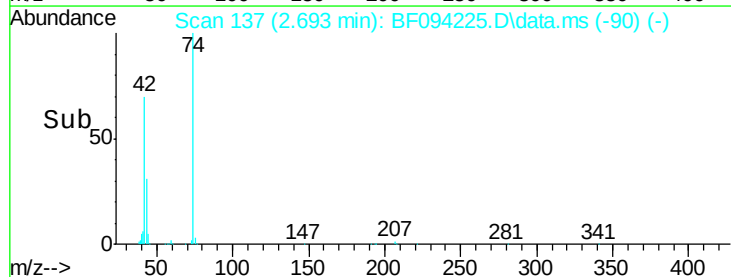
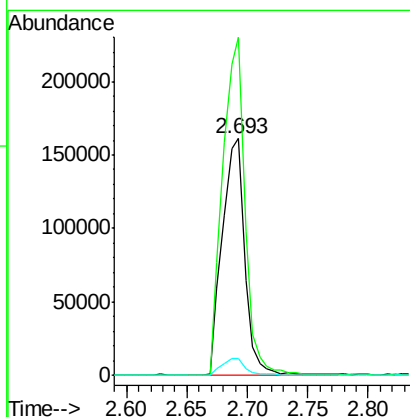
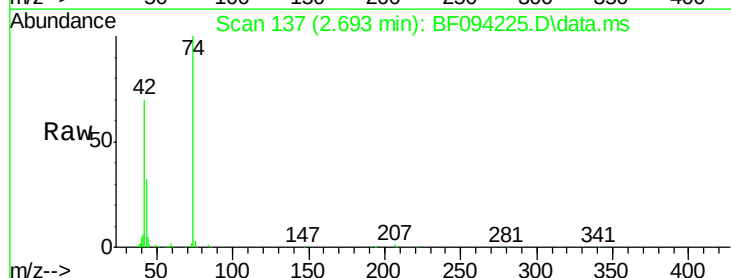
Tgt Ion: 42 Resp: 207365

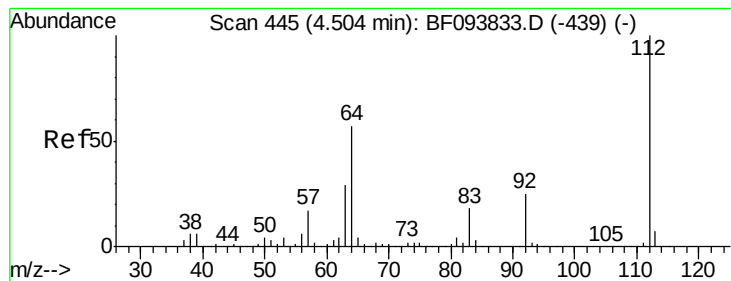
Ion Ratio Lower Upper

42 100

74 142.8 103.9 155.9

44 7.1 5.7 8.5





#5

2-Fluorophenol

Concen: 128.70 ng

RT: 4.398 min Scan# 42

Delta R.T. -0.035 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

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PB98085BS

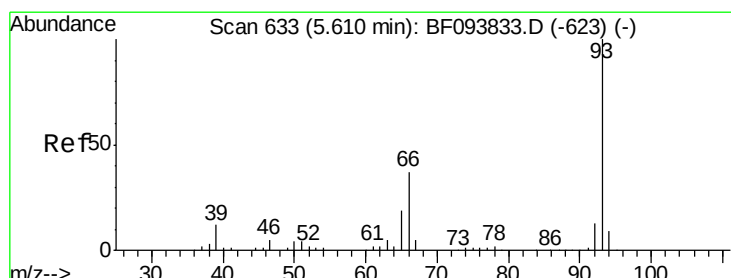
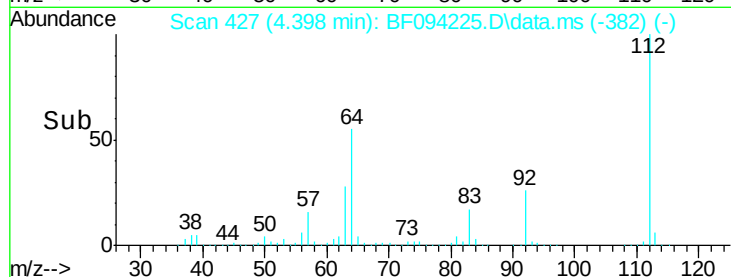
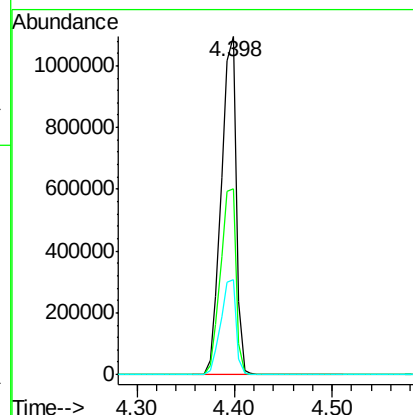
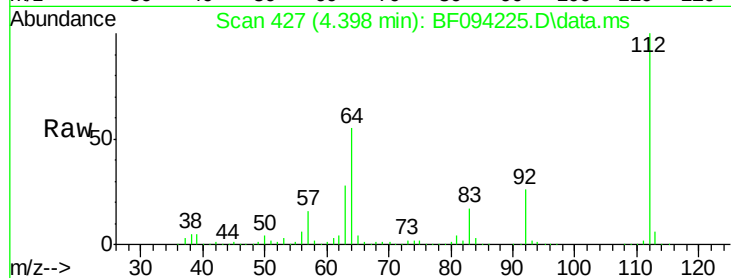
Tot Ion:112 Resp: 1170397

Ion Ratio Lower Upper

112 100

64 54.8 46.0 69.0

63 27.9 23.4 35.0



#6

Aniline

Concen: 30.45 ng

RT: 5.475 min Scan# 610

Delta R.T. -0.053 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

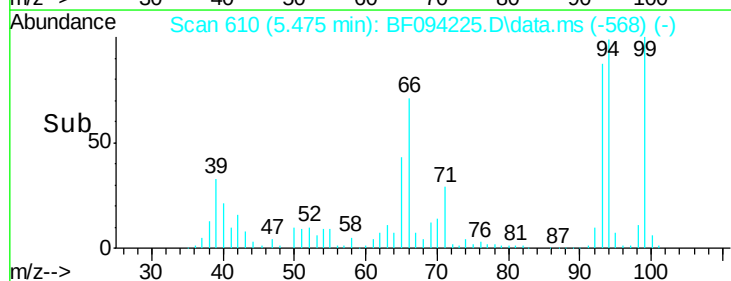
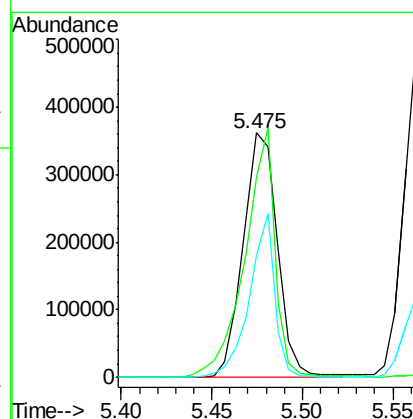
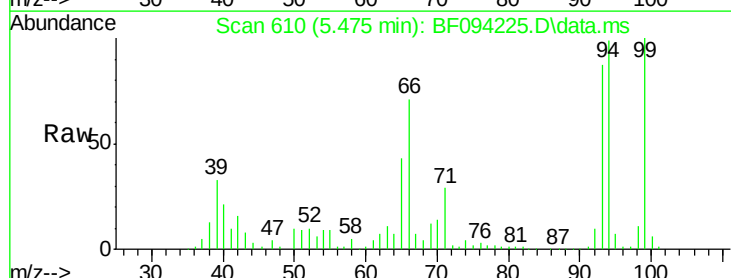
Tgt Ion: 93 Resp: 476563

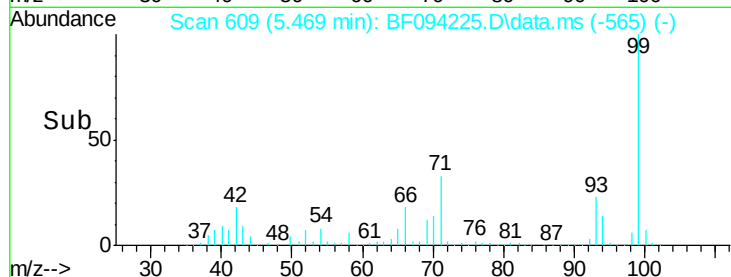
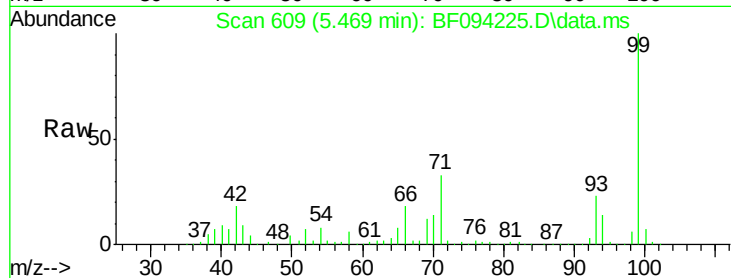
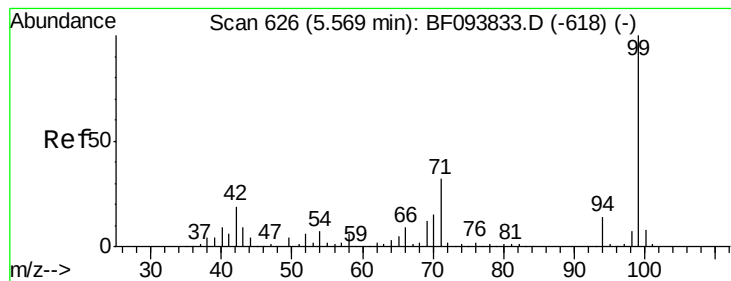
Ion Ratio Lower Upper

93 100

66 81.6 32.9 49.3#

65 49.7 16.0 24.0#





#7

Phenol-d6

Concen: 129.69 ng

RT: 5.469 min Scan# 609

Delta R.T. -0.041 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

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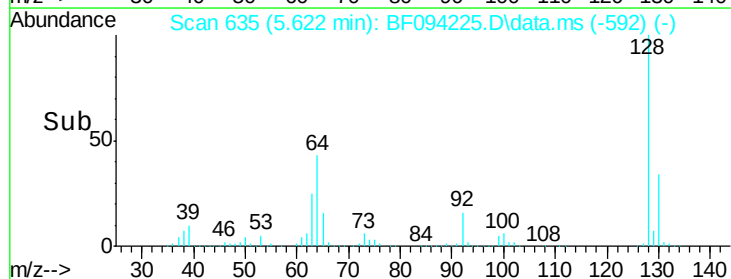
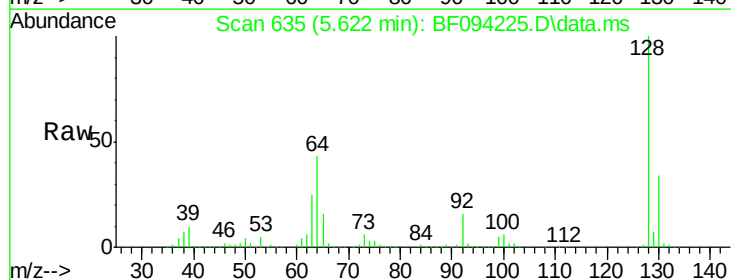
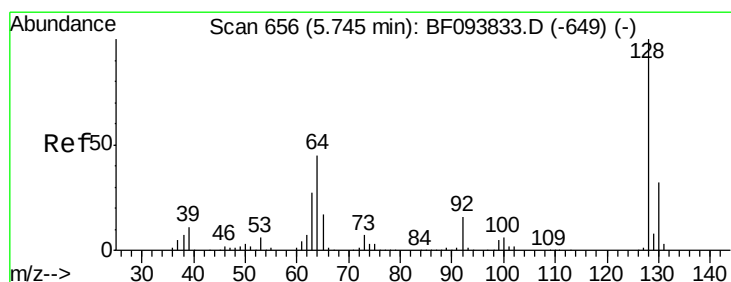
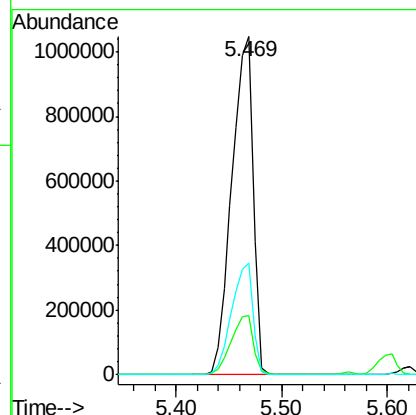
Tot Ion: 99 Resp: 1459031

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

71 32.9 24.5 36.7



#8

2-Chlorophenol

Concen: 46.37 ng

RT: 5.622 min Scan# 635

Delta R.T. -0.047 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

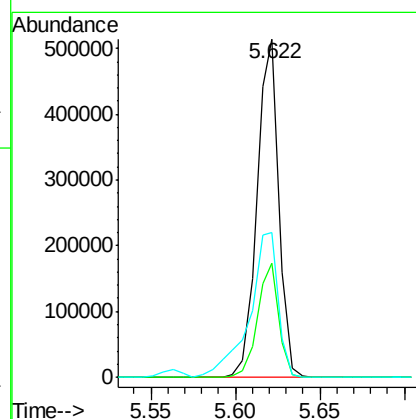
Tgt Ion: 128 Resp: 463512

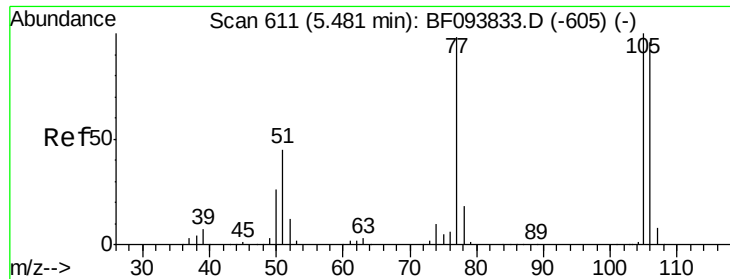
Ion Ratio Lower Upper

128 100

130 33.7 12.9 52.9

64 42.9 28.4 68.4





#9

Benzaldehyde

Concen: 25.51 ng

RT: 5.345 min Scan# 58

Delta R.T. -0.053 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

PB98085BS

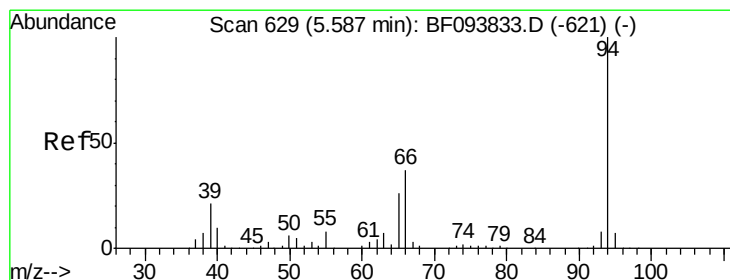
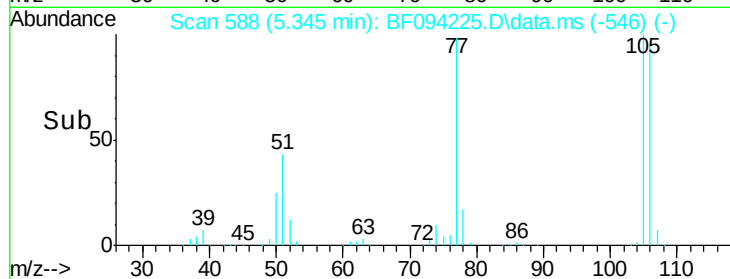
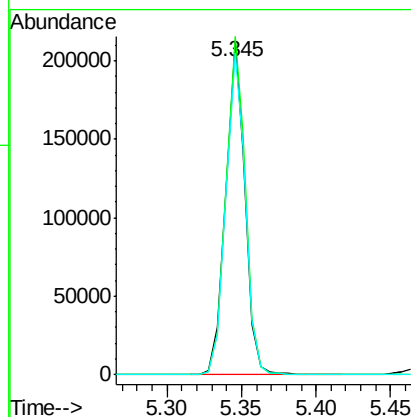
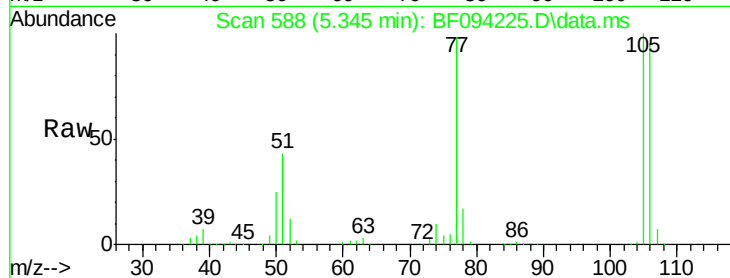
Tot Ion: 77 Resp: 193811

Ion Ratio Lower Upper

77 100

105 101.7 83.8 123.8

106 96.6 79.1 119.1



#10

Phenol

Concen: 42.78 ng

RT: 5.481 min Scan# 611

Delta R.T. -0.047 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

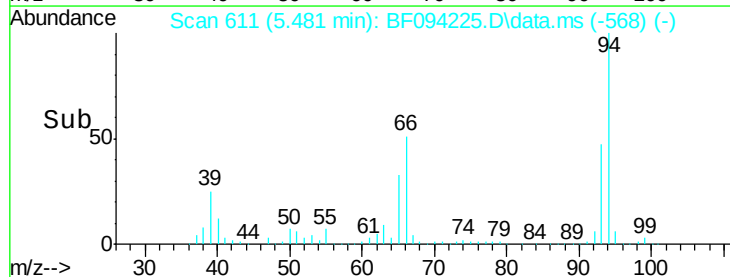
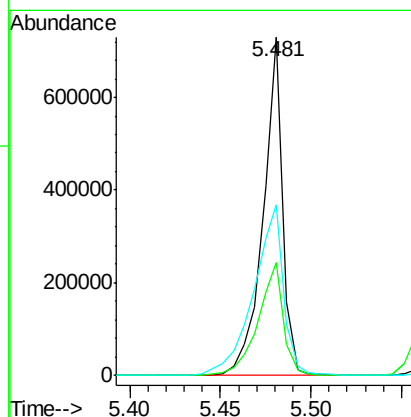
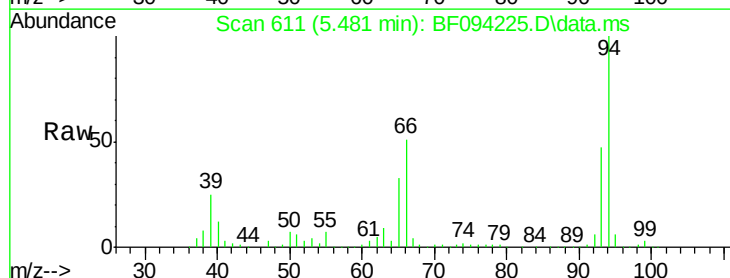
Tgt Ion: 94 Resp: 547628

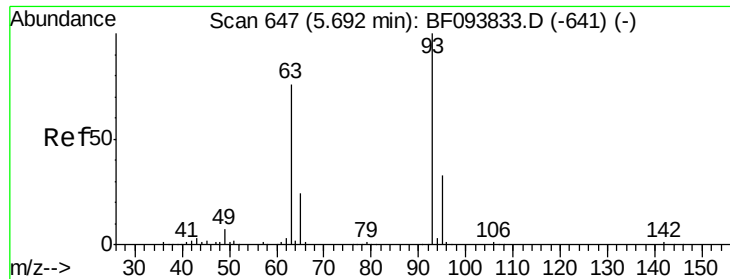
Ion Ratio Lower Upper

94 100

65 33.3 9.9 49.9

66 50.6 23.1 63.1

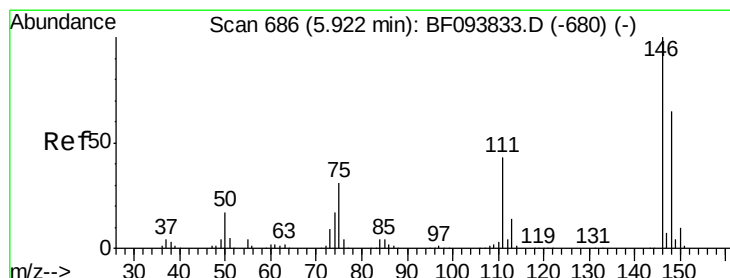
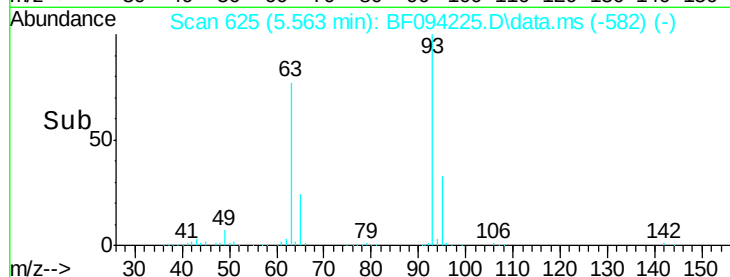
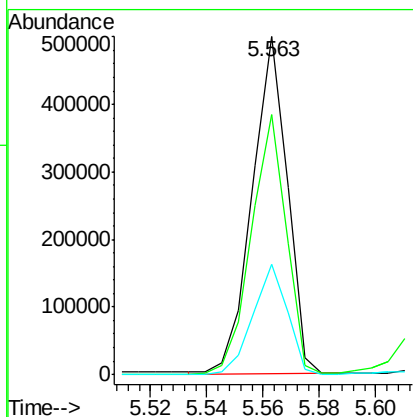
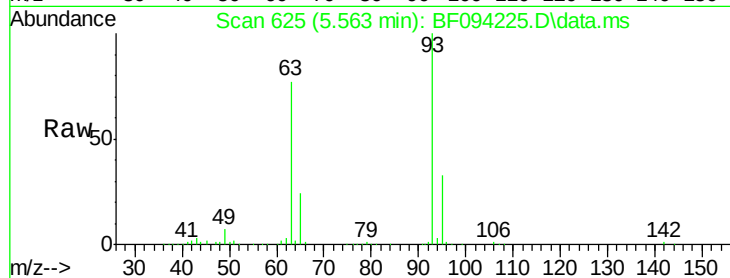




#11
bis(2-Chloroethyl)ether
Concen: 43.10 ng
RT: 5.563 min Scan# 62
Delta R.T. -0.047 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

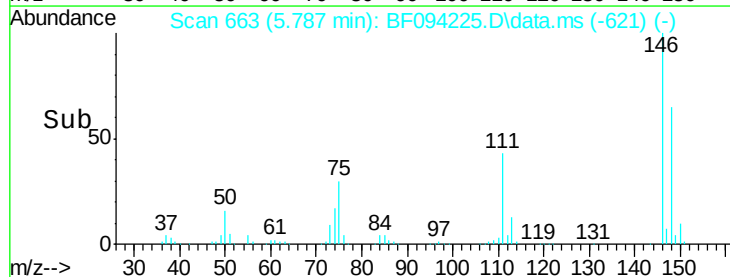
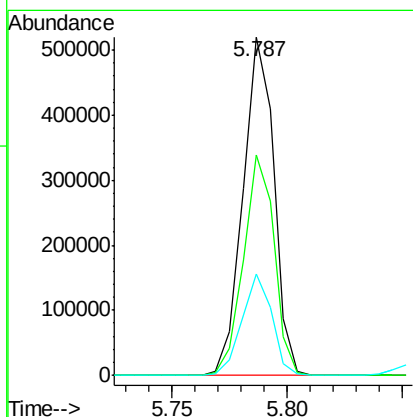
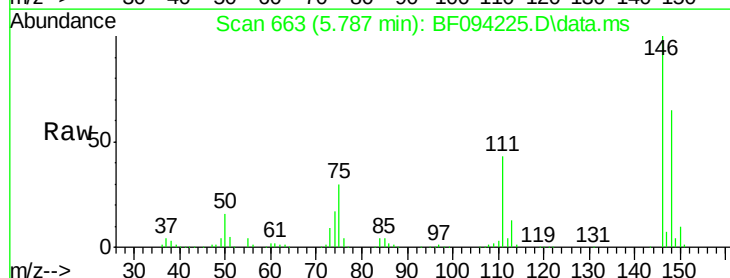
Instrument :
BNA_F
ClientSampleId :
PB98085BS

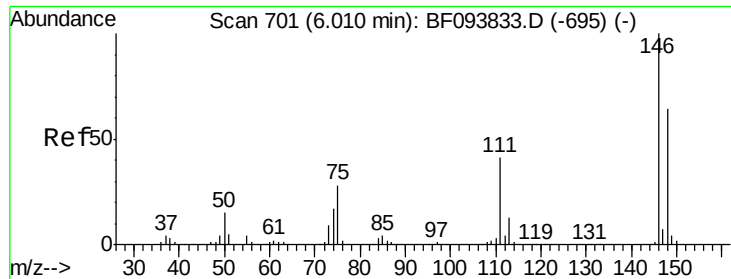
Tot Ion: 93 Resp: 431192
Ion Ratio Lower Upper
93 100
63 76.8 59.2 99.2
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 43.57 ng
RT: 5.787 min Scan# 663
Delta R.T. -0.053 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tgt Ion: 146 Resp: 488477
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.6
75 30.1 23.1 34.7

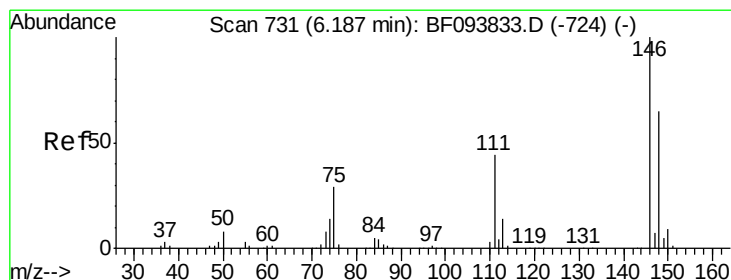
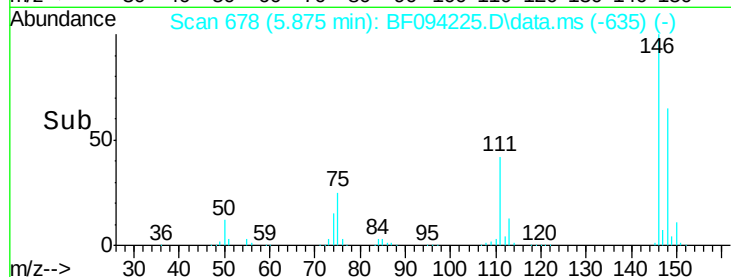
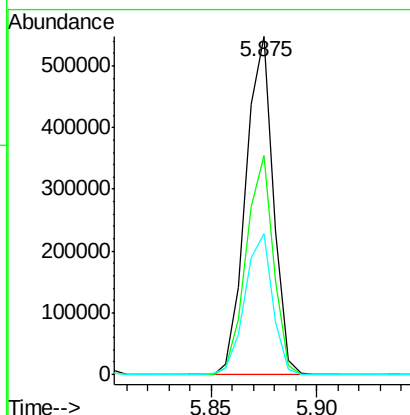
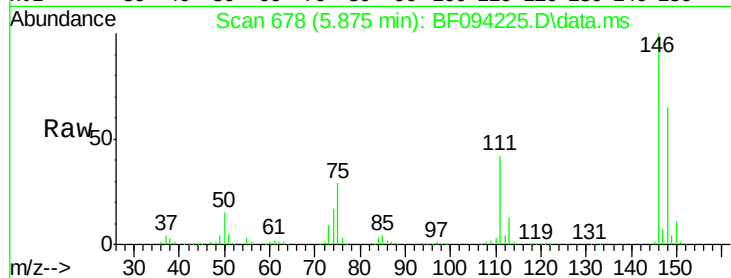




#13
 1,4-Dichlorobenzene
 Concen: 43.53 ng
 RT: 5.875 min Scan# 67
 Delta R.T. -0.047 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

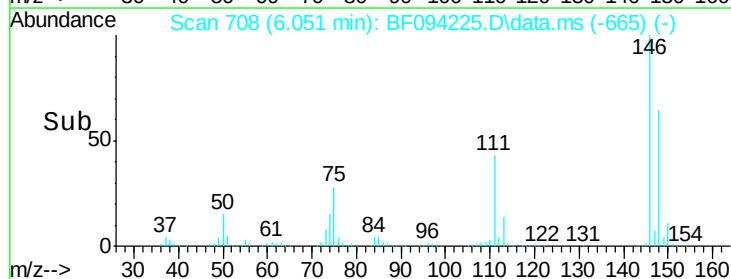
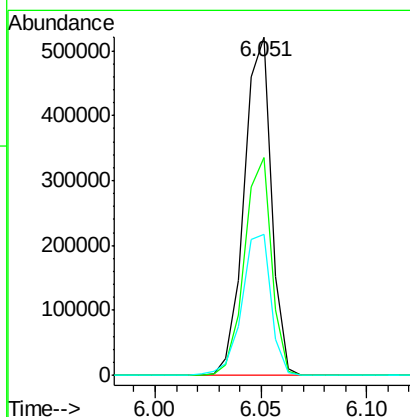
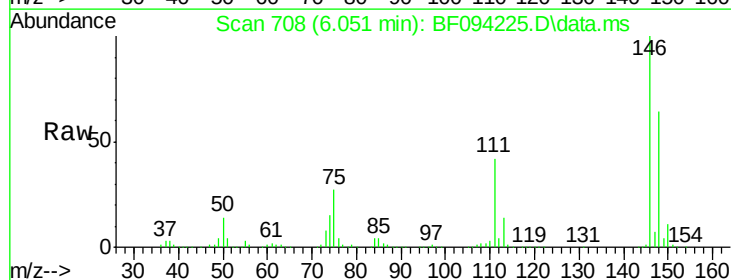
Instrument :
 BNA_F
 ClientSampleId :
 PB98085BS

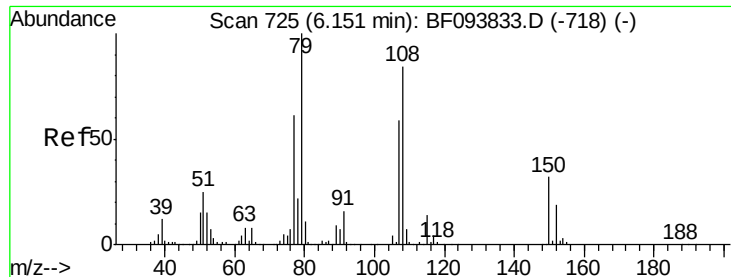
Tot Ion	146	148	111	Ratio	Lower	Upper
494301	100	64.7	41.8		52.2	78.2
					30.3	45.5



#14
 1,2-Dichlorobenzene
 Concen: 44.41 ng
 RT: 6.051 min Scan# 708
 Delta R.T. -0.047 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Tgt Ion	146	148	111	Ratio	Lower	Upper
464427	100	64.3	41.8		50.4	75.6
					38.2	57.4





#15

Benzyl Alcohol

Concen: 46.05 ng

RT: 6.022 min Scan# 70

Delta R.T. -0.053 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

PB98085BS

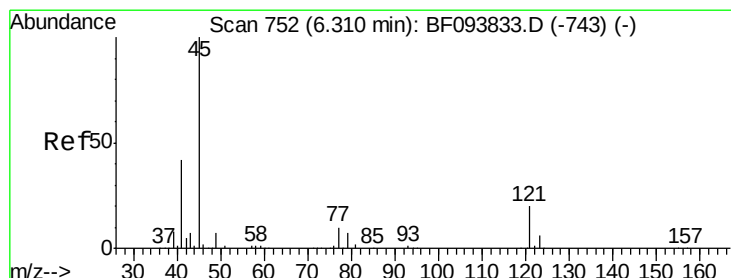
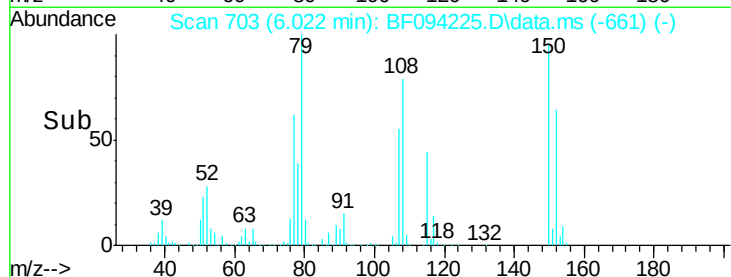
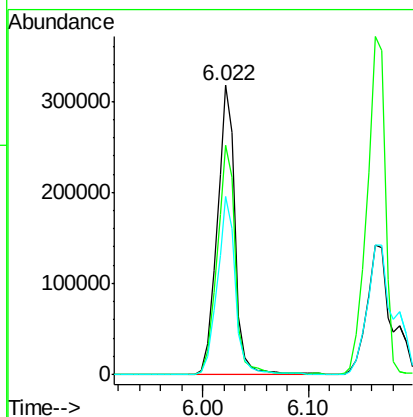
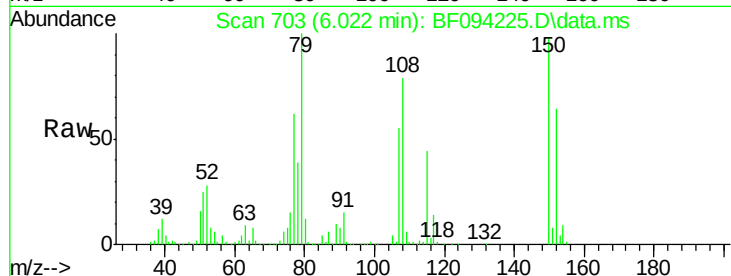
Tot Ion: 79 Resp: 379206

Ion Ratio Lower Upper

79 100

108 79.5 63.4 95.0

77 61.5 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.47 ng

RT: 6.187 min Scan# 731

Delta R.T. -0.041 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

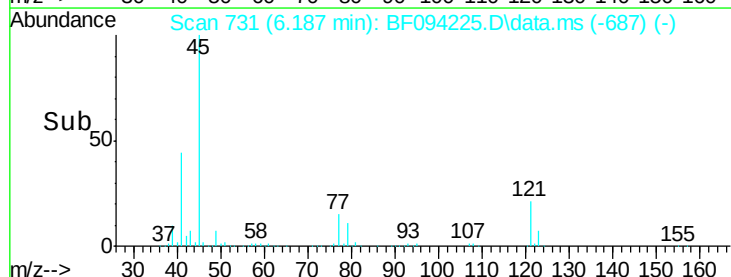
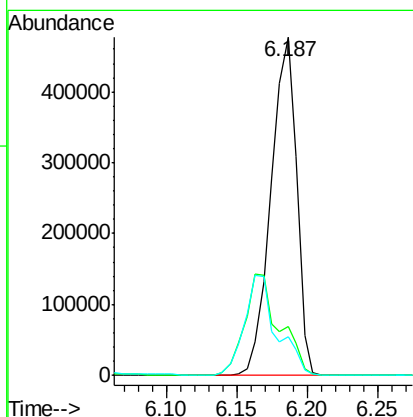
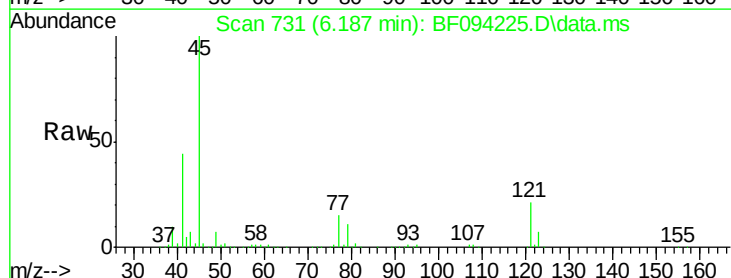
Tgt Ion: 45 Resp: 608536

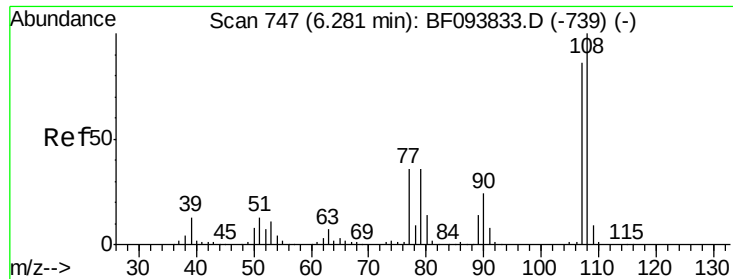
Ion Ratio Lower Upper

45 100

77 14.5 0.0 33.2

79 11.3 0.0 30.0





#17

2-Methylphenol

Concen: 45.10 ng

RT: 6.163 min Scan# 72

Delta R.T. -0.053 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

PB98085BS

Tot Ion:107 Resp: 386082

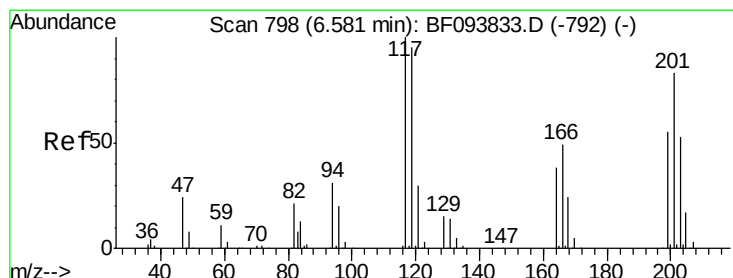
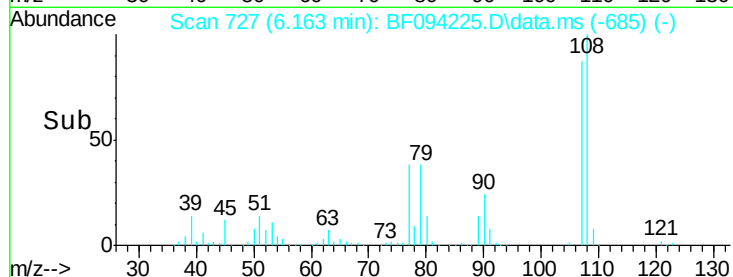
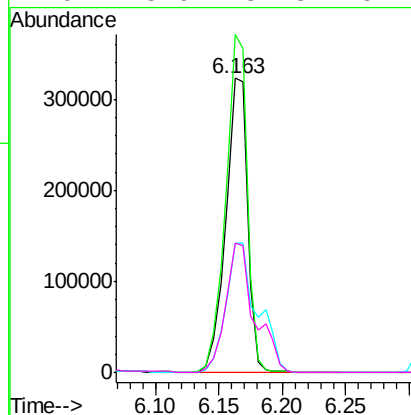
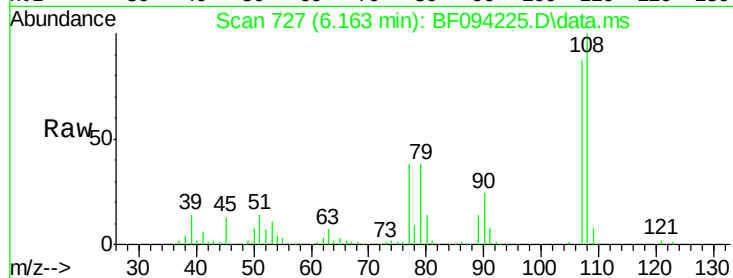
Ion Ratio Lower Upper

107 100

108 114.9 93.4 140.0

77 44.0 35.8 53.6

79 43.9 34.8 52.2



#18

Hexachloroethane

Concen: 43.70 ng

RT: 6.439 min Scan# 774

Delta R.T. -0.053 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

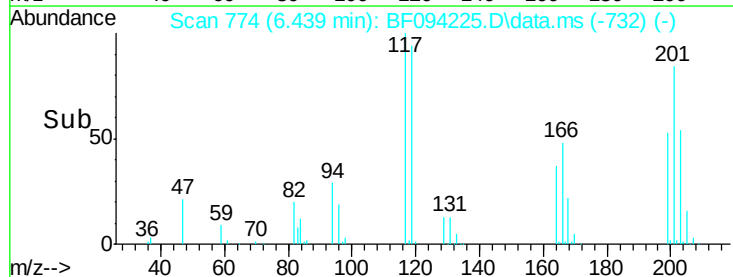
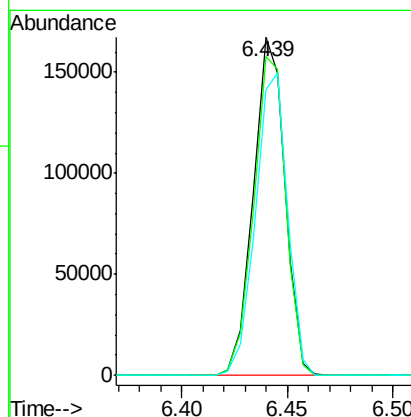
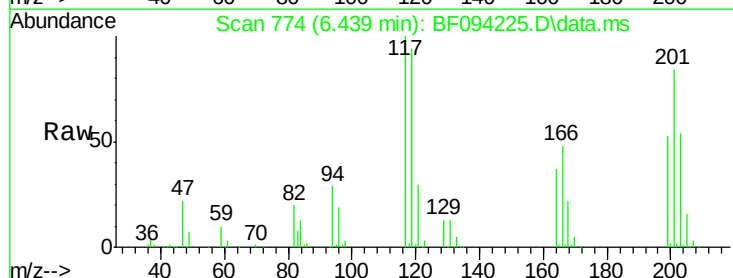
Tgt Ion:117 Resp: 174443

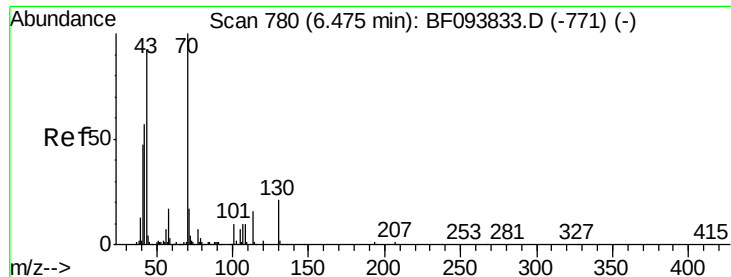
Ion Ratio Lower Upper

117 100

119 94.2 77.4 116.0

201 84.5 94.6 141.8#

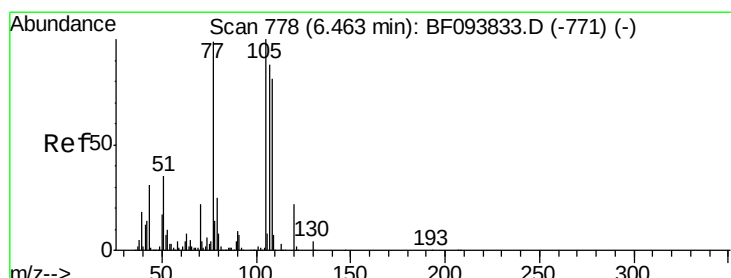
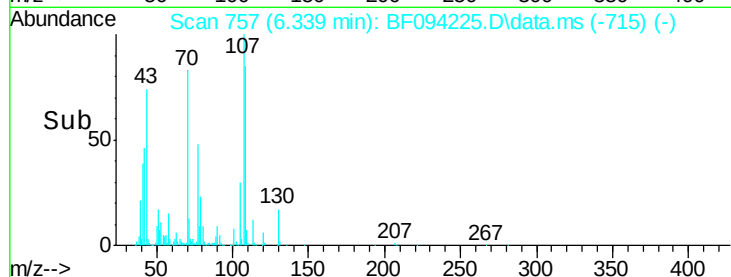
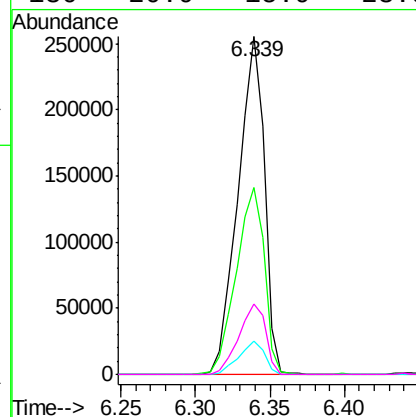
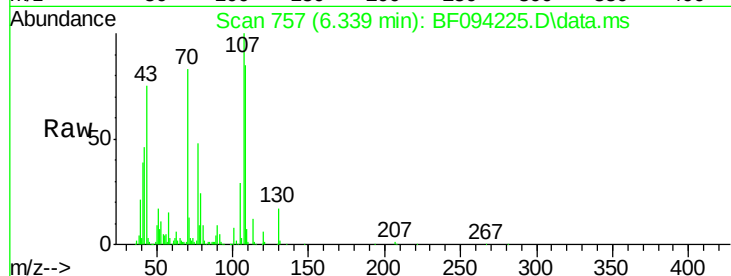




#19
n-Nitroso-di-n-propylamine
Concen: 43.81 ng
RT: 6.339 min Scan# 75
Delta R.T. -0.053 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

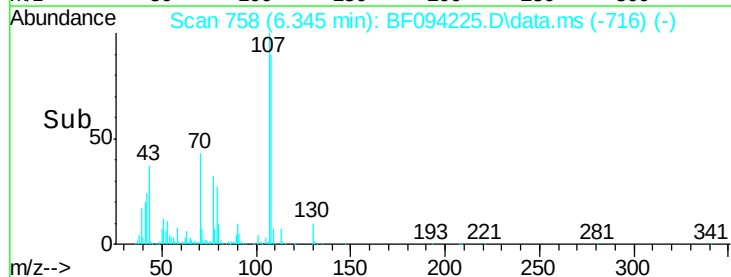
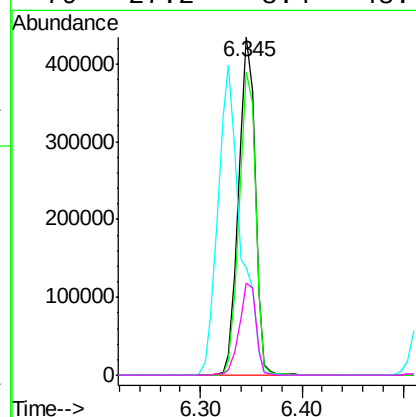
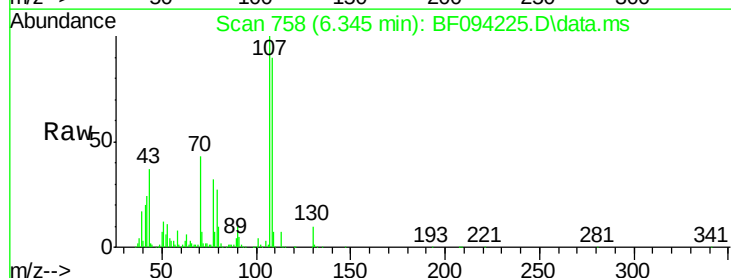
Instrument :
BNA_F
ClientSampleId :
PB98085BS

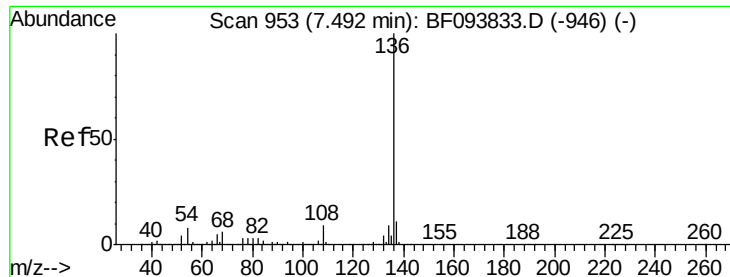
Tot Ion:	70	Resp:	316752
Ion	Ratio	Lower	Upper
70	100		
42	55.3	47.2	70.8
101	9.7	7.2	10.8
130	20.9	15.9	23.9



#20
3+4-Methylphenols
Concen: 47.75 ng
RT: 6.345 min Scan# 758
Delta R.T. -0.053 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tgt Ion:	107	Resp:	495100
Ion	Ratio	Lower	Upper
107	100		
108	90.0	71.0	111.0
77	32.0	90.5	130.5#
79	27.2	8.4	48.4

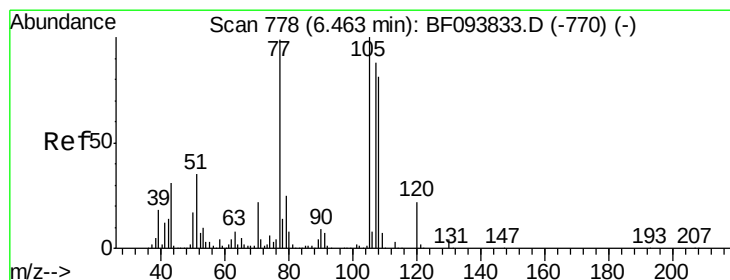
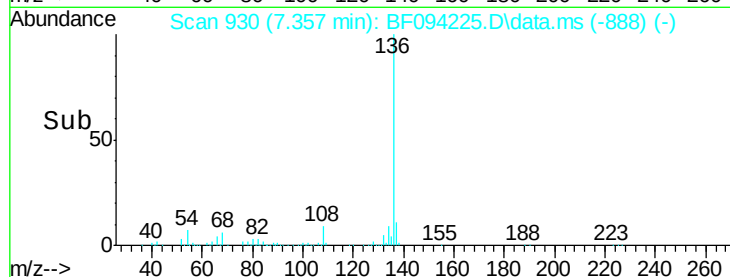
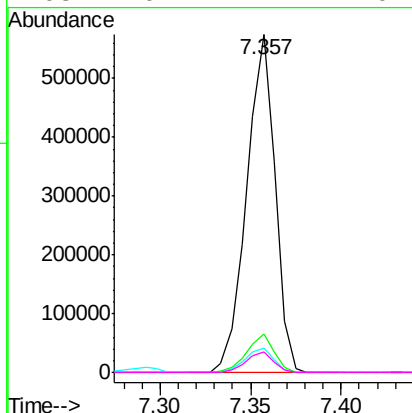
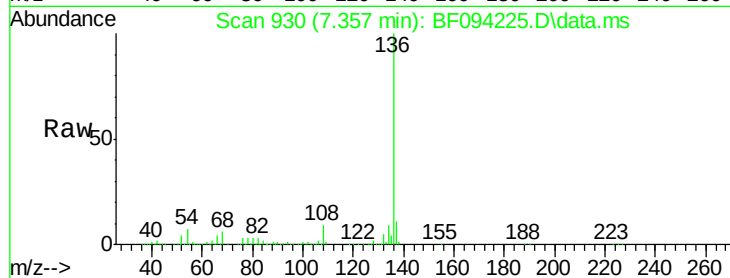




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.357 min Scan# 93
Delta R.T. -0.053 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

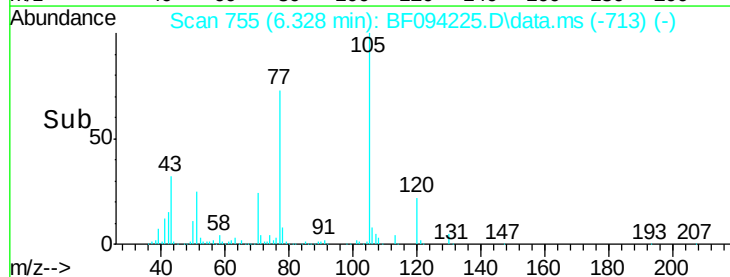
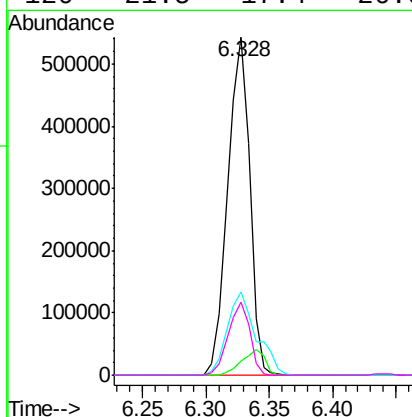
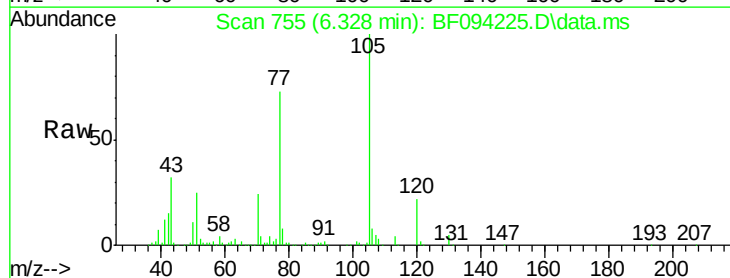
Instrument :
BNA_F
ClientSampleId :
PB98085BS

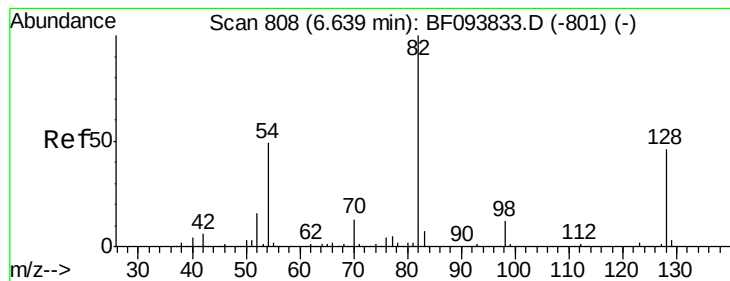
Tot Ion:	136	Resp:	625572
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	7.3	4.9	7.3#
68	6.1	4.1	6.1



#22
Acetophenone
Concen: 46.57 ng
RT: 6.328 min Scan# 755
Delta R.T. -0.053 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tgt Ion:	105	Resp:	649313
Ion	Ratio	Lower	Upper
105	100		
71	4.3	2.8	4.2#
51	24.8	30.7	46.1#
120	21.5	17.4	26.0





#23

Nitrobenzene-d5

Concen: 84.34 ng

RT: 6.504 min Scan# 78

Delta R.T. -0.053 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

PB98085BS

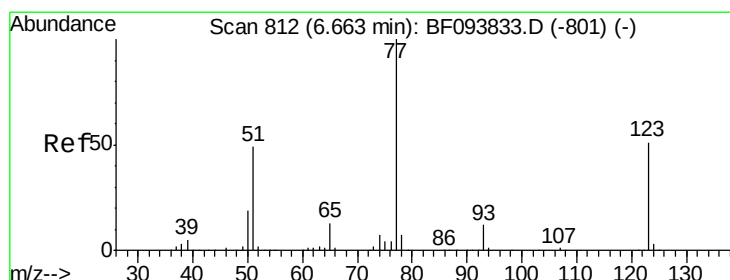
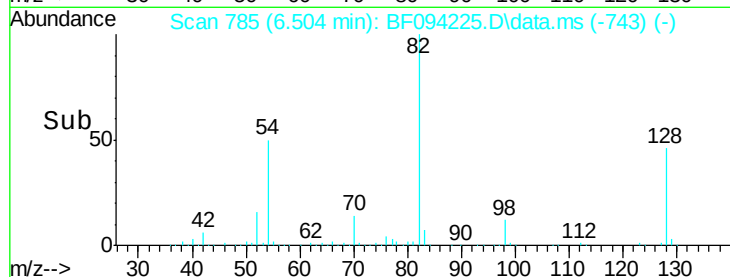
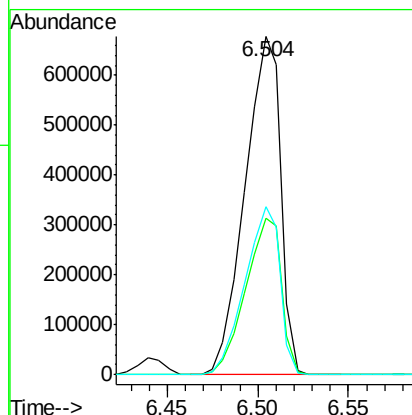
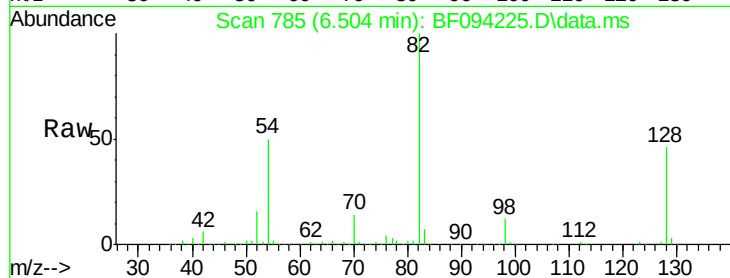
Tot Ion: 82 Resp: 924530

Ion Ratio Lower Upper

82 100

128 46.3 34.0 51.0

54 49.7 42.2 63.2



#24

Nitrobenzene

Concen: 43.72 ng

RT: 6.528 min Scan# 789

Delta R.T. -0.053 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

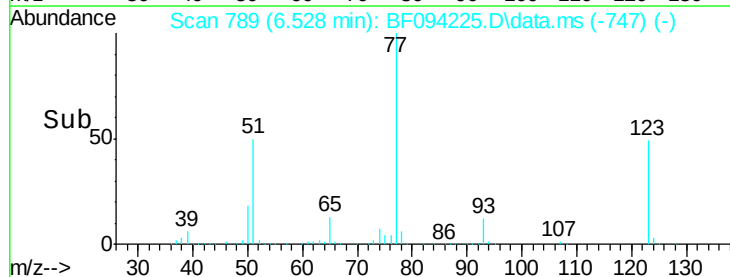
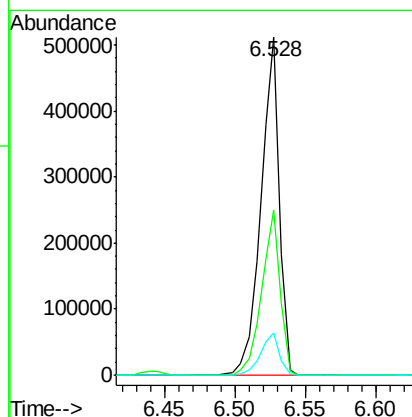
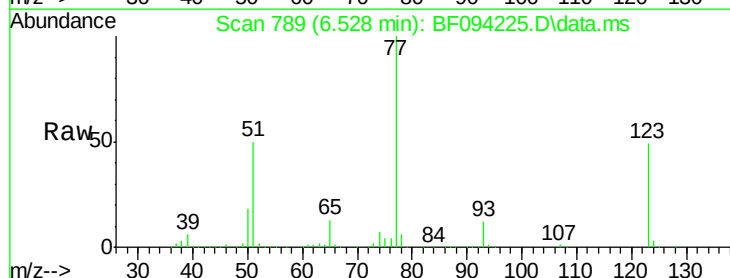
Tgt Ion: 77 Resp: 472665

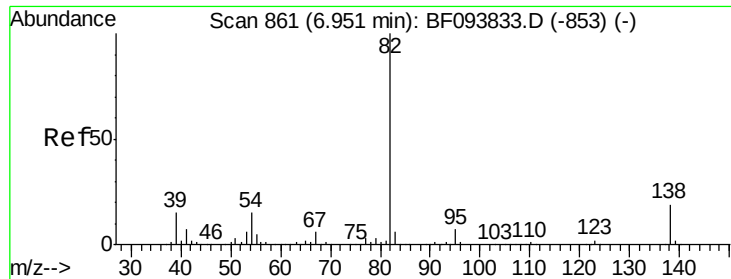
Ion Ratio Lower Upper

77 100

123 48.9 35.8 53.8

65 12.7 10.6 15.8





#25

Isophorone

Concen: 44.78 ng

RT: 6.816 min Scan# 83

Delta R.T. -0.053 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

PB98085BS

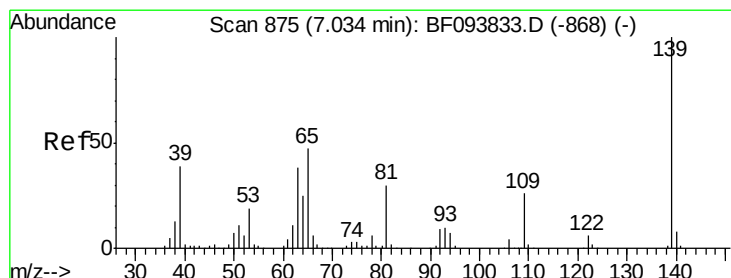
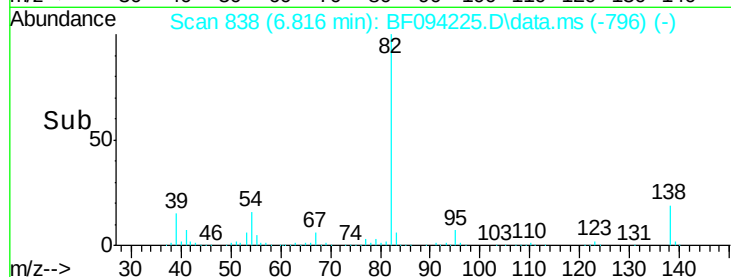
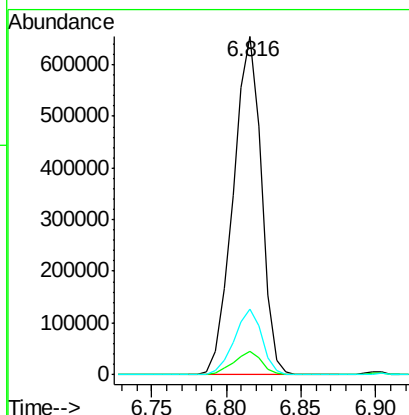
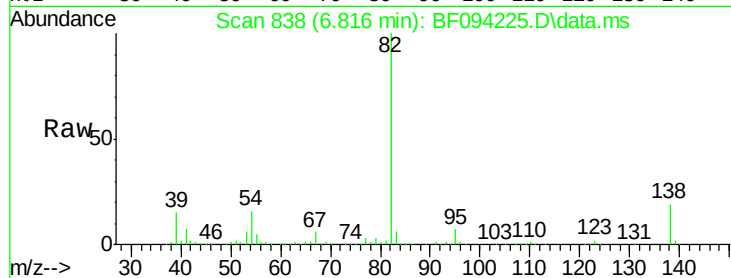
Tot Ion: 82 Resp: 862556

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.2 13.1 19.7



#26

2-Nitrophenol

Concen: 51.04 ng

RT: 6.904 min Scan# 853

Delta R.T. -0.047 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

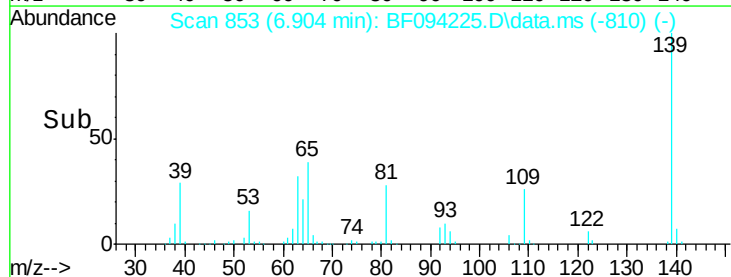
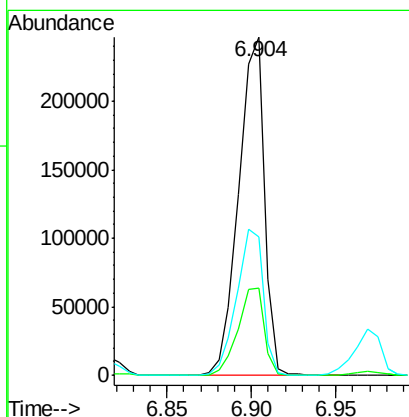
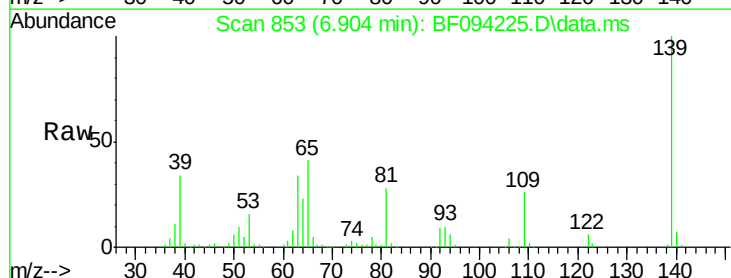
Tgt Ion: 139 Resp: 263133

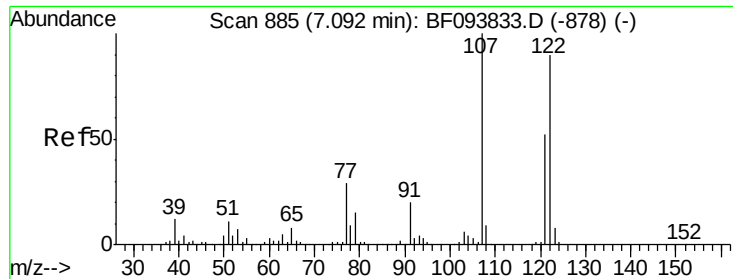
Ion Ratio Lower Upper

139 100

109 25.8 21.0 31.6

65 40.8 33.0 49.6

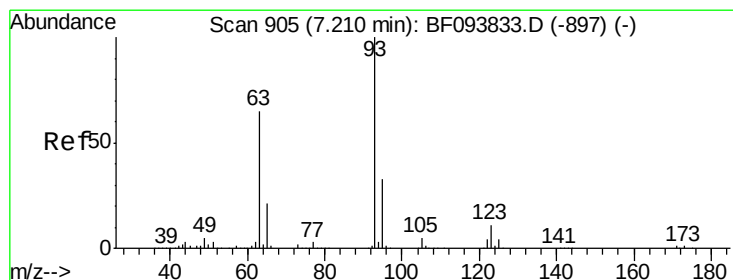
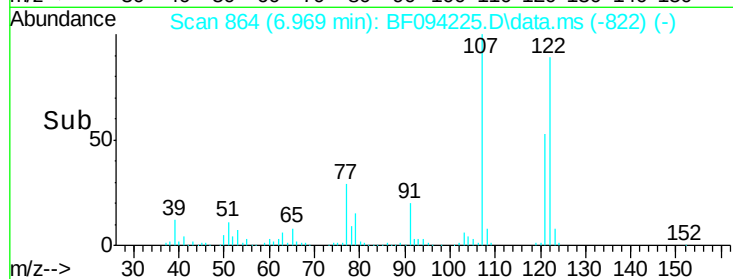
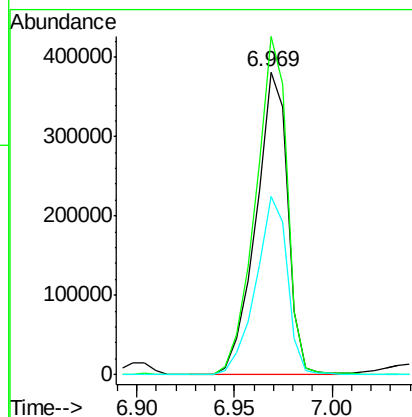
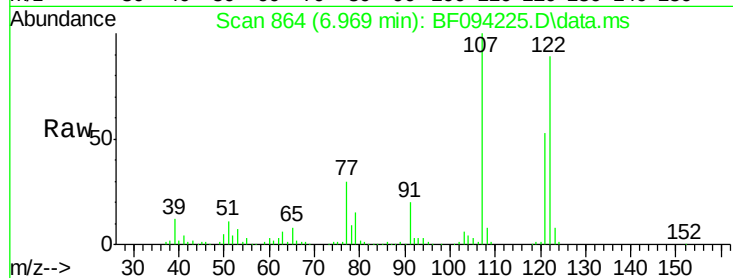




#27
2,4-Dimethylphenol
Concen: 48.39 ng
RT: 6.969 min Scan# 86
Delta R.T. -0.053 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

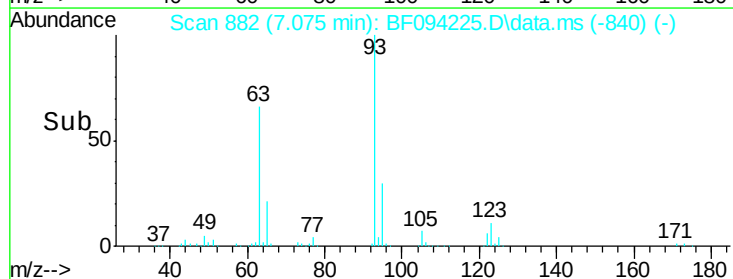
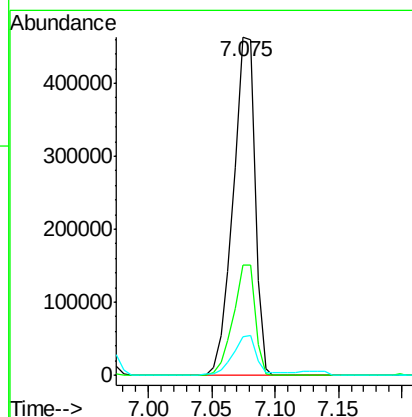
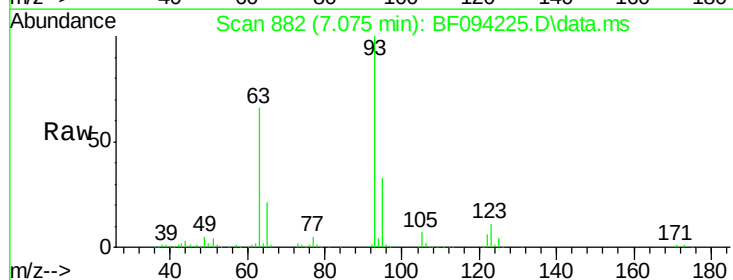
Instrument :
BNA_F
ClientSampleId :
PB98085BS

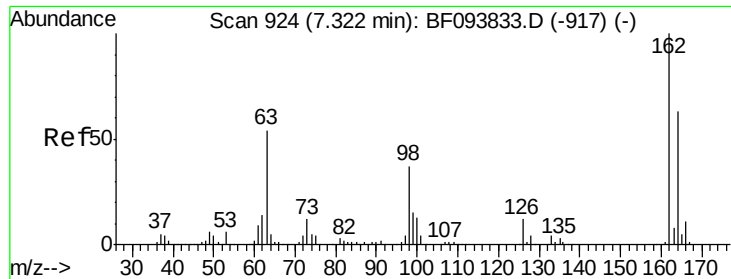
Tot Ion:122 Resp: 429881
Ion Ratio Lower Upper
122 100
107 111.8 89.2 133.8
121 58.8 45.2 67.8



#28
bis(2-Chloroethoxy)methane
Concen: 43.31 ng
RT: 7.075 min Scan# 882
Delta R.T. -0.053 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tgt Ion: 93 Resp: 550121
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 11.3 9.0 13.4

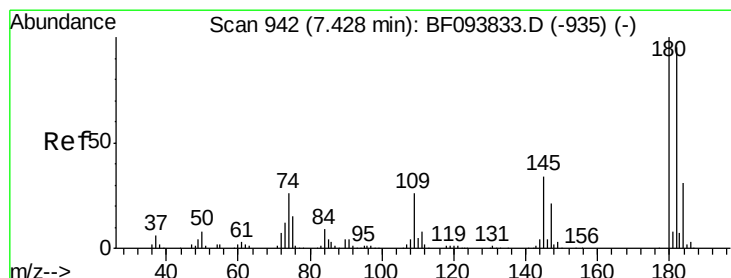
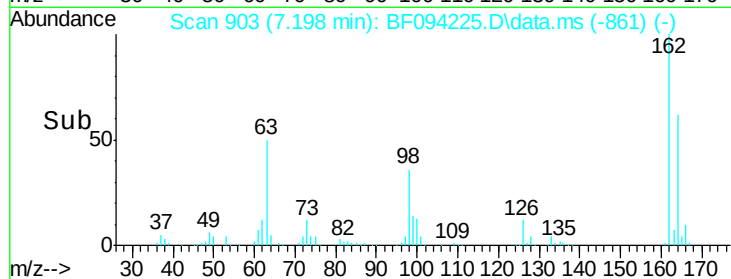
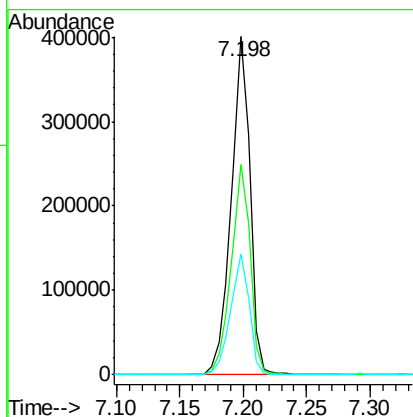
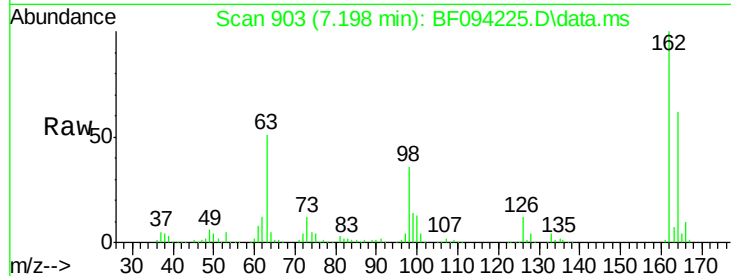




#29
 2,4-Dichlorophenol
 Concen: 48.98 ng
 RT: 7.198 min Scan# 90
 Delta R.T. -0.053 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

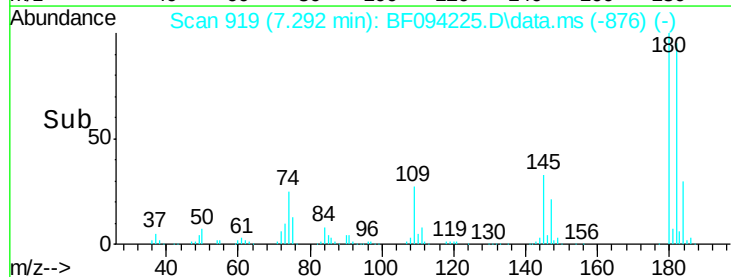
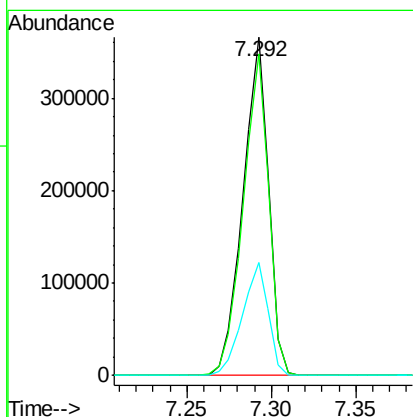
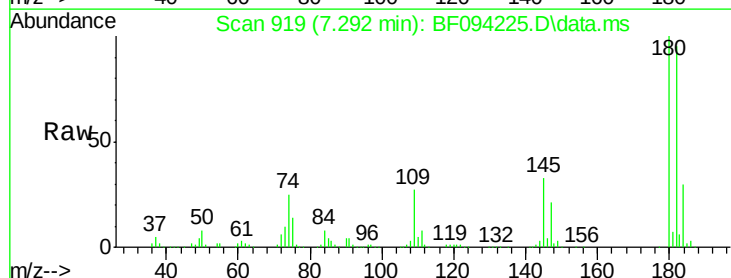
Instrument :
 BNA_F
 ClientSampleId :
 PB98085BS

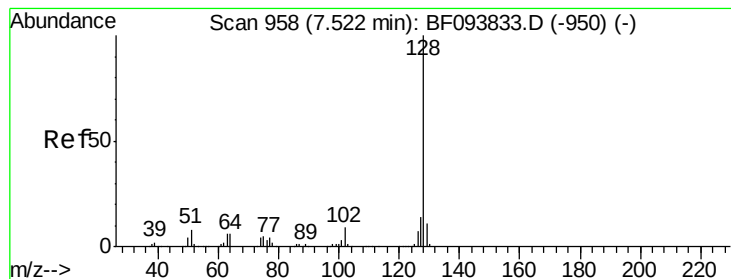
Tot Ion:162	Resp:	406856
Ion Ratio	Lower	Upper
162	100	
164	62.2	44.6 84.6
98	35.8	14.8 54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 45.19 ng
 RT: 7.292 min Scan# 919
 Delta R.T. -0.047 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Tgt Ion:180	Resp:	386636
Ion Ratio	Lower	Upper
180	100	
182	95.0	75.8 113.6
145	33.2	25.3 37.9





#31

Naphthalene

Concen: 43.81 ng

RT: 7.386 min Scan# 93

Delta R.T. -0.047 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

PB98085BS

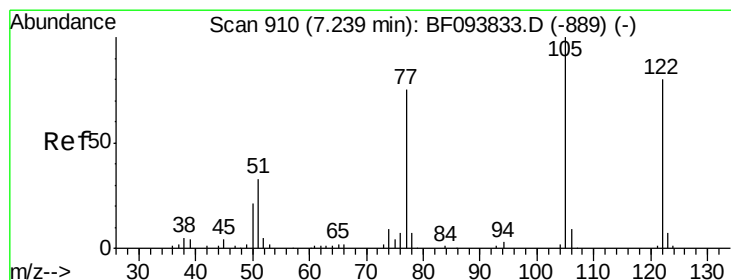
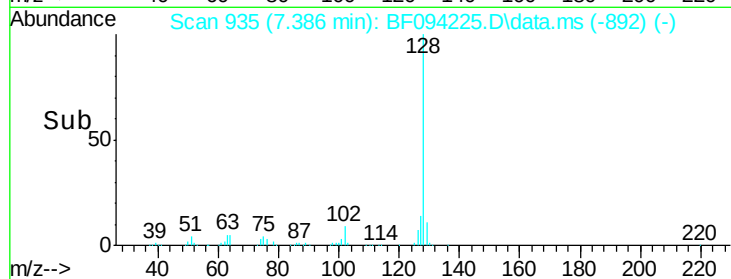
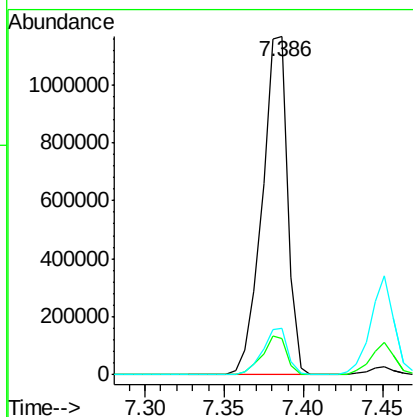
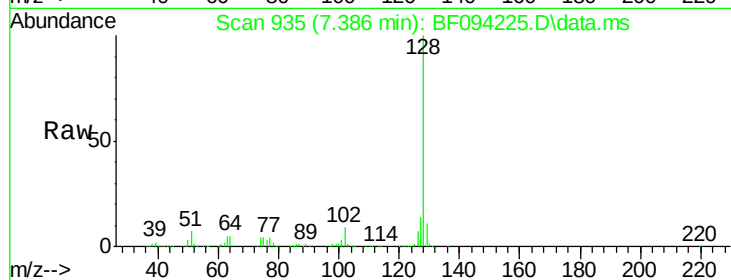
Tot Ion:128 Resp: 1317822

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

127 13.6 10.8 16.2



#32

Benzoic acid

Concen: 46.38 ng

RT: 7.139 min Scan# 893

Delta R.T. -0.047 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

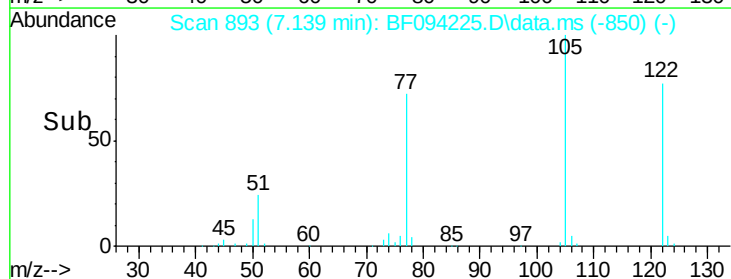
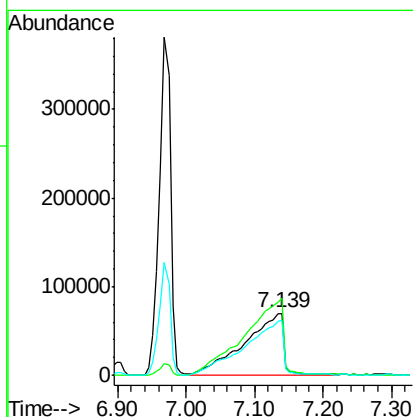
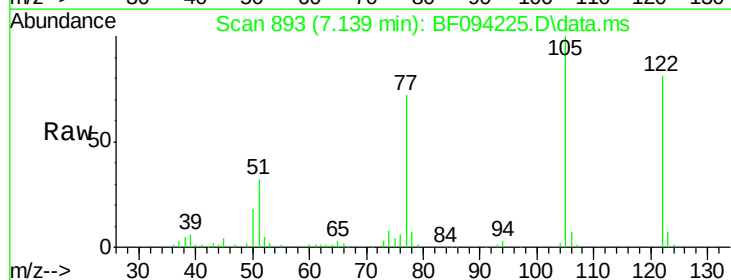
Tgt Ion:122 Resp: 274271

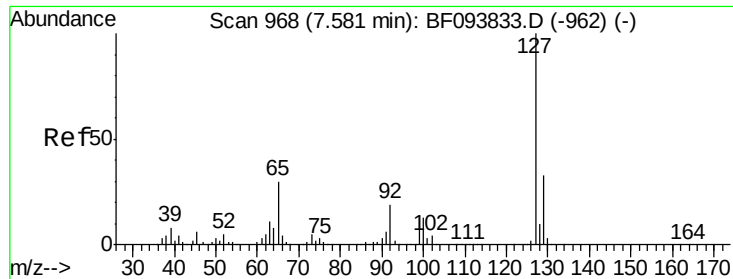
Ion Ratio Lower Upper

122 100

105 123.8 103.3 143.3

77 89.6 73.7 113.7

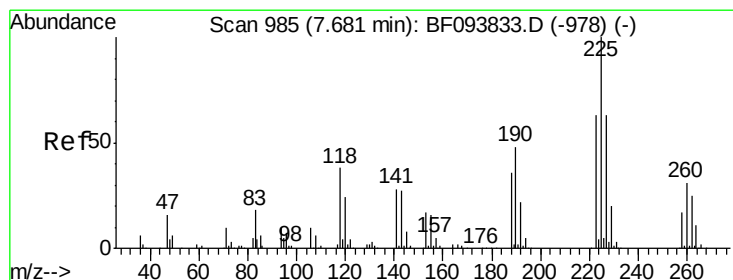
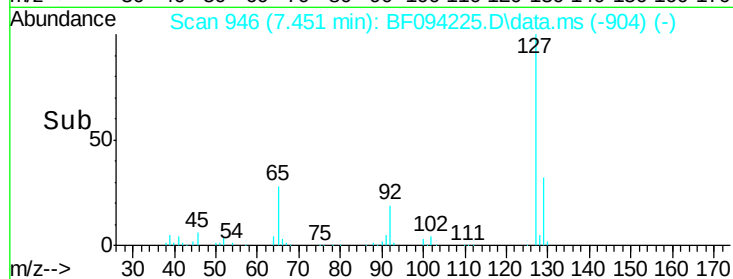
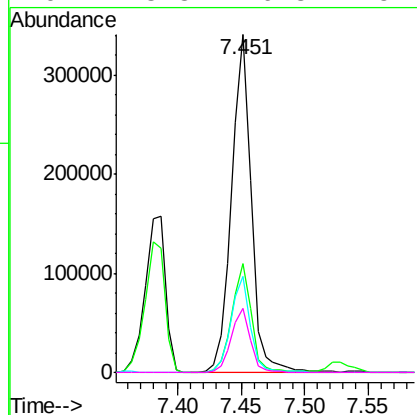
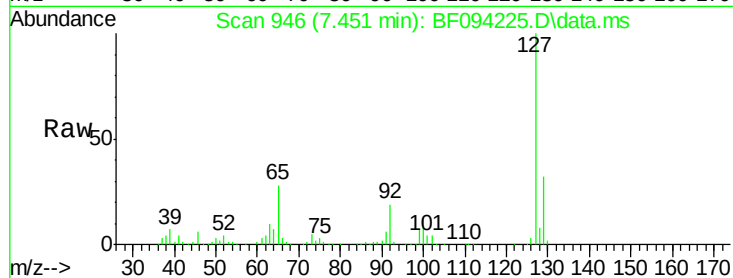




#33
4-Chloroaniline
Concen: 29.96 ng
RT: 7.451 min Scan# 94
Delta R.T. -0.053 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

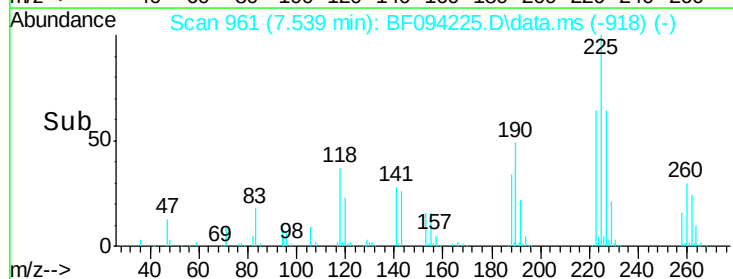
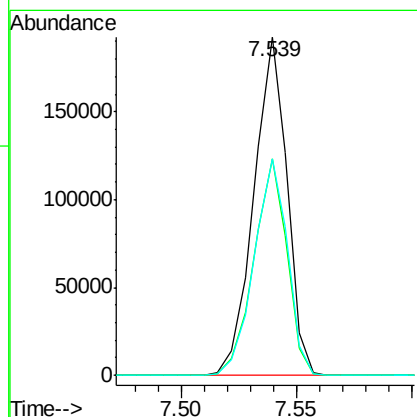
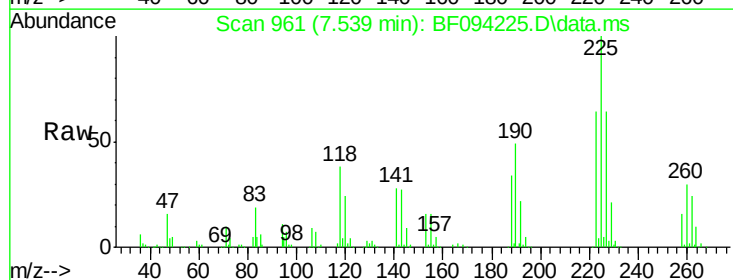
Instrument :
BNA_F
ClientSampleId :
PB98085BS

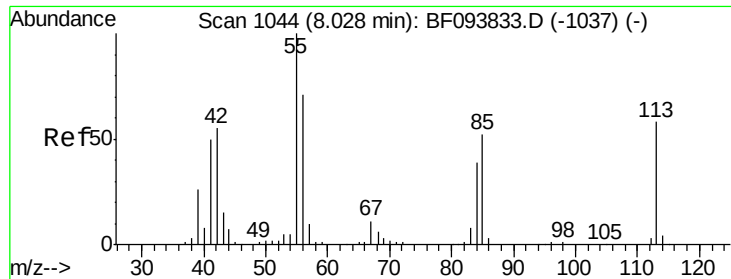
Tot Ion:	127	Resp:	365280
Ion Ratio	Lower	Upper	
127	100		
129	32.1	26.2	39.2
65	28.4	27.8	41.8
92	18.8	16.8	25.2



#34
Hexachlorobutadiene
Concen: 43.92 ng
RT: 7.539 min Scan# 961
Delta R.T. -0.047 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tgt Ion:	225	Resp:	192695
Ion Ratio	Lower	Upper	
225	100		
223	64.0	48.8	73.2
227	64.0	51.1	76.7





#35

Caprolactam

Concen: 27.07 ng

RT: 7.898 min Scan# 10

Delta R.T. -0.059 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

PB98085BS

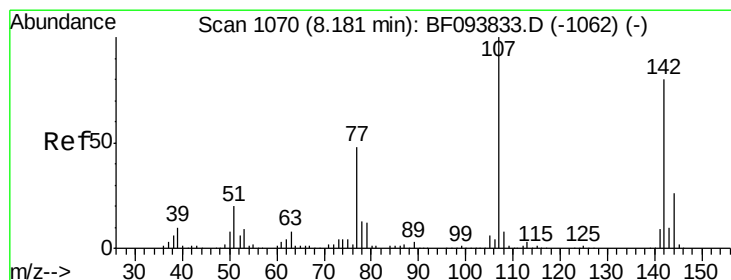
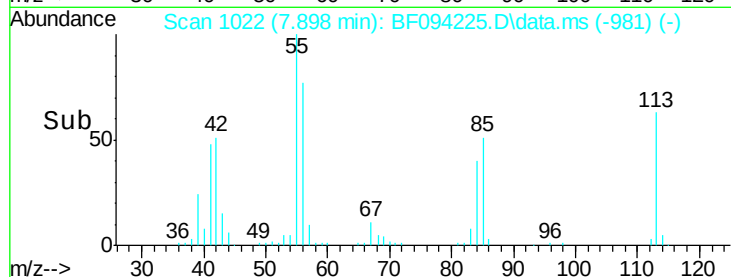
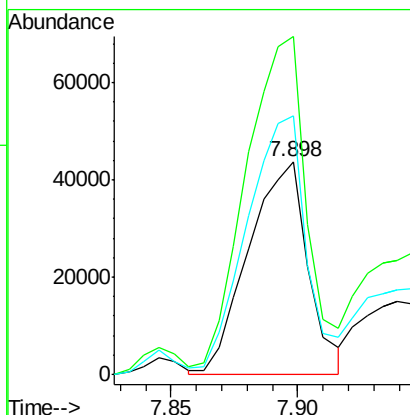
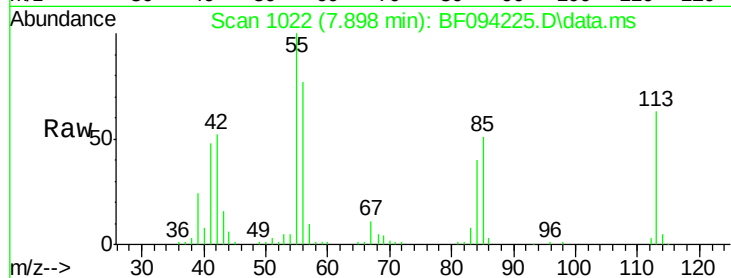
Tot Ion:113 Resp: 71700

Ion Ratio Lower Upper

113 100

55 158.7 150.2 190.2

56 121.7 107.8 147.8



#36

4-Chloro-3-methylphenol

Concen: 49.47 ng

RT: 8.069 min Scan# 1051

Delta R.T. -0.047 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

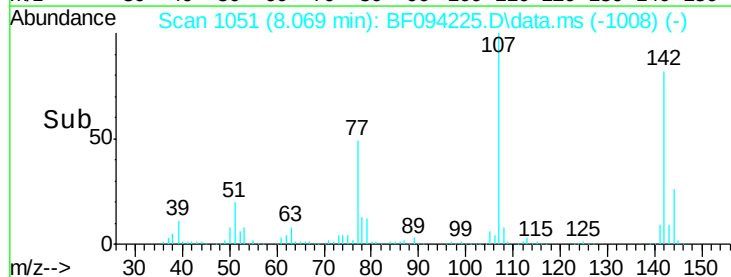
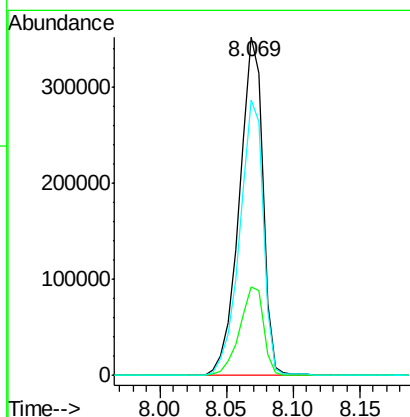
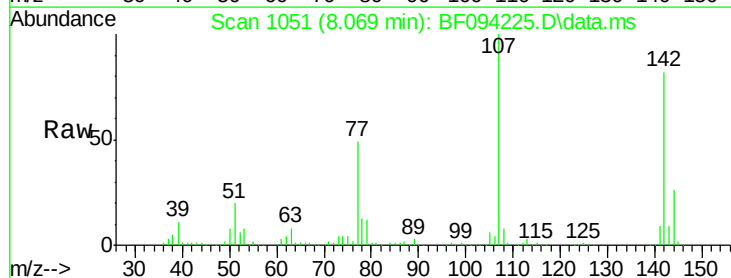
Tgt Ion:107 Resp: 429384

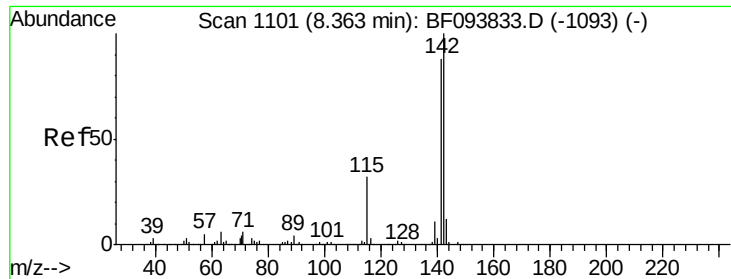
Ion Ratio Lower Upper

107 100

144 26.3 24.2 36.4

142 81.6 73.4 110.0

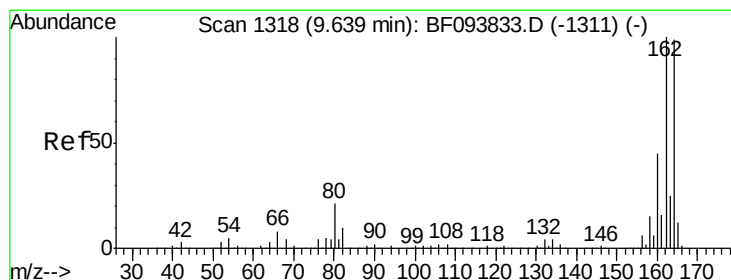
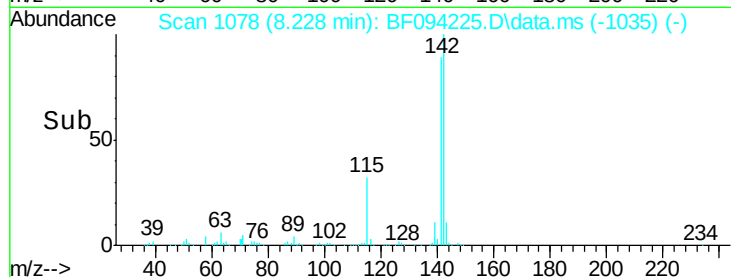
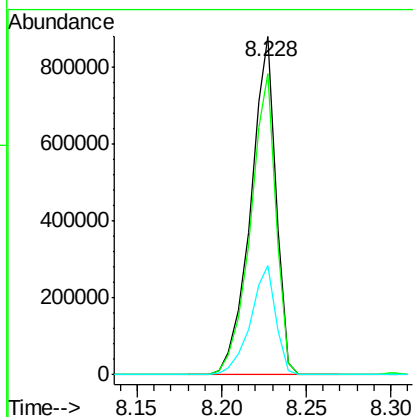
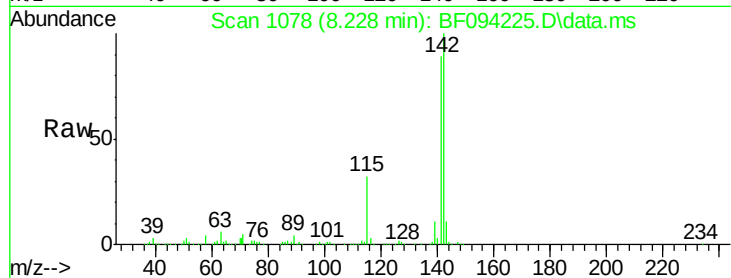




#37
2-Methylnaphthalene
Concen: 45.90 ng
RT: 8.228 min Scan# 10
Delta R.T. -0.047 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

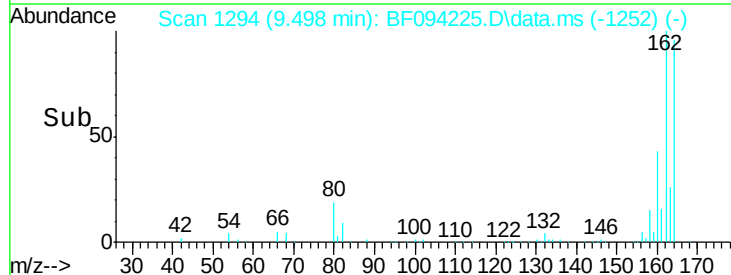
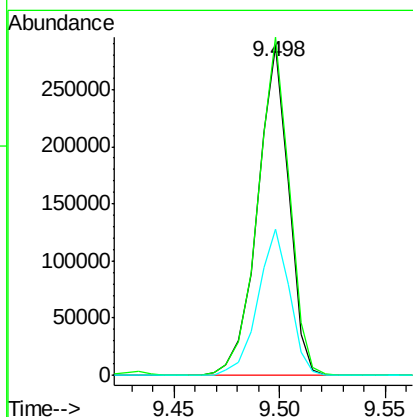
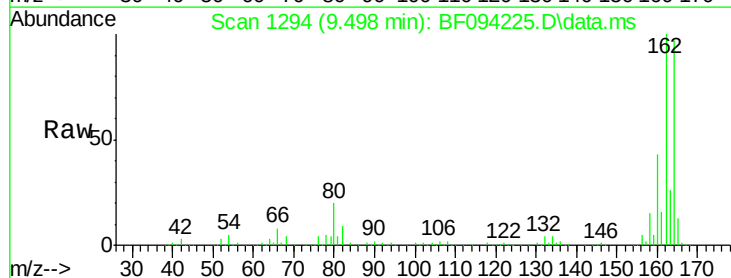
Instrument :
BNA_F
ClientSampleId :
PB98085BS

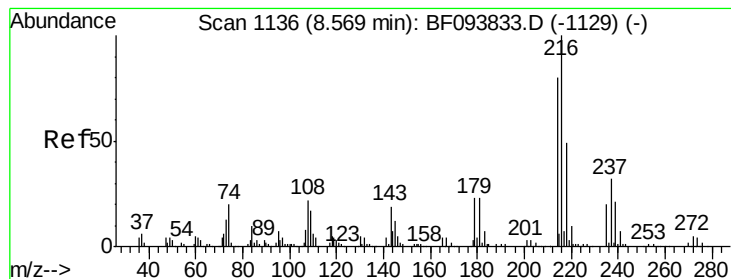
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9
115	32.3	27.1	40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.498 min Scan# 1294
Delta R.T. -0.053 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	44.3	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.83 ng

RT: 8.433 min Scan# 1111

Delta R.T. -0.047 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

PB98085BS

Tot Ion:216 Resp: 339011

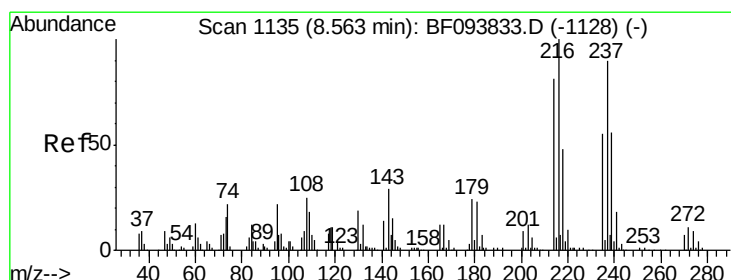
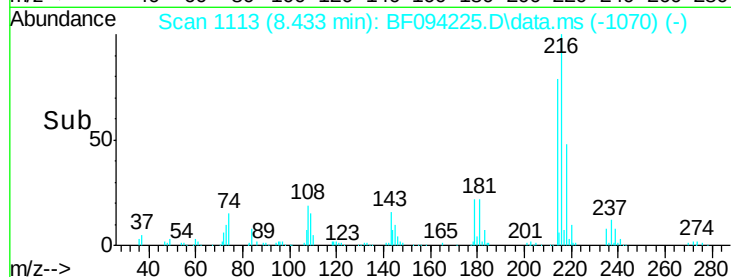
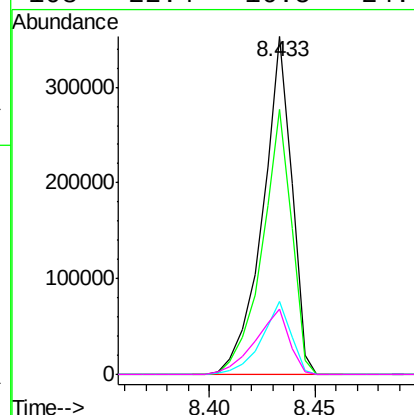
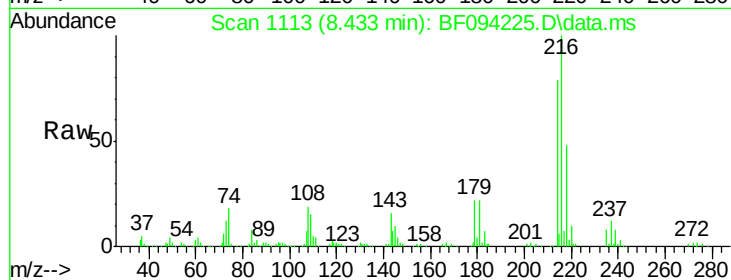
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.2

179 22.0 17.9 26.9

108 22.4 16.5 24.7



#40

Hexachlorocyclopentadiene

Concen: 80.54 ng

RT: 8.422 min Scan# 1111

Delta R.T. -0.053 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

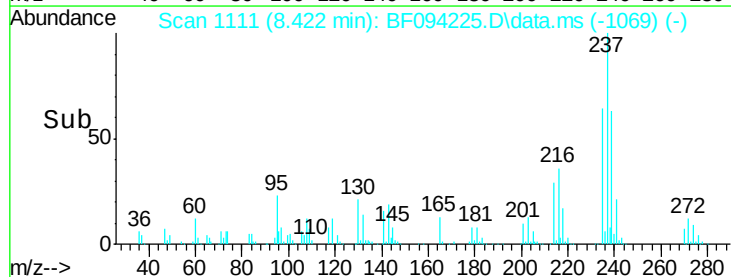
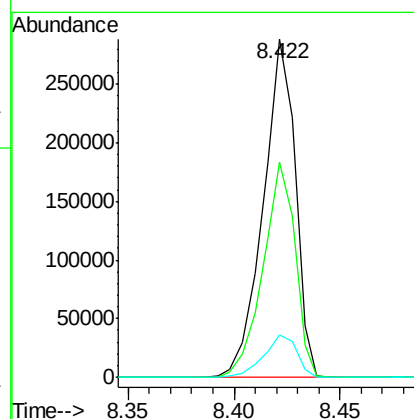
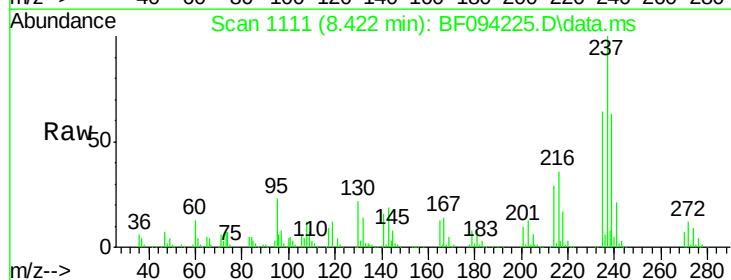
Tgt Ion:237 Resp: 305432

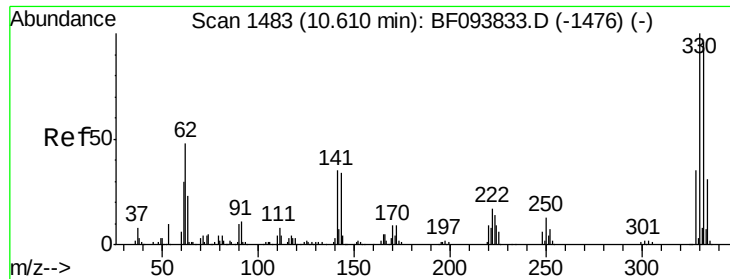
Ion Ratio Lower Upper

237 100

235 63.8 42.6 82.6

272 12.5 0.0 31.9





#41

2,4,6-Tribromophenol

Concen: 145.92 ng

RT: 10.474 min Scan# 14

Delta R.T. -0.047 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

PB98085BS

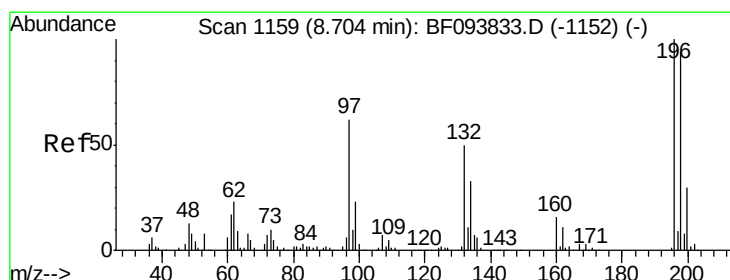
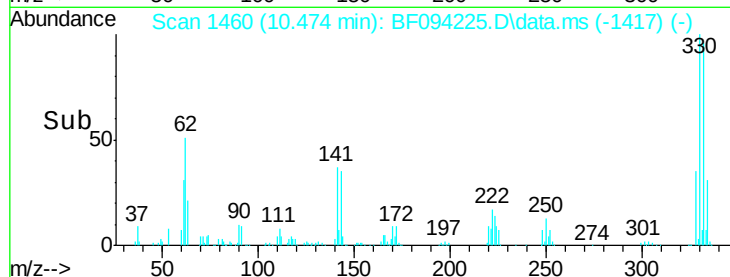
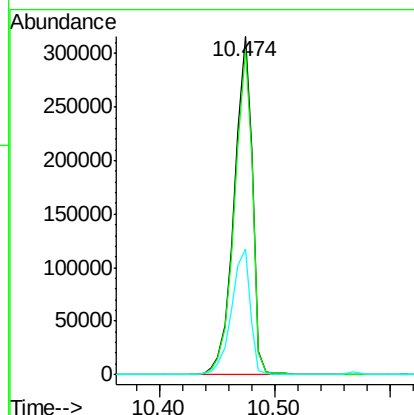
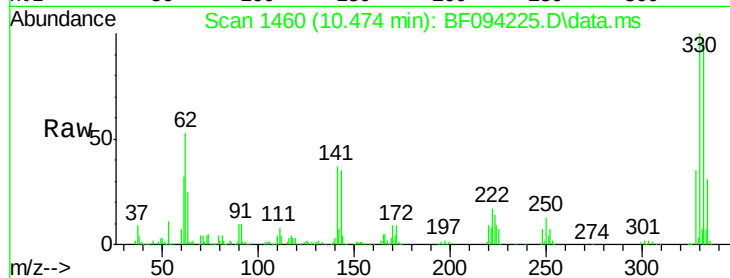
Tot Ion:330 Resp: 341614

Ion Ratio Lower Upper

330 100

332 95.5 76.6 115.0

141 38.3 31.4 47.2



#42

2,4,6-Trichlorophenol

Concen: 48.50 ng

RT: 8.580 min Scan# 1138

Delta R.T. -0.047 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

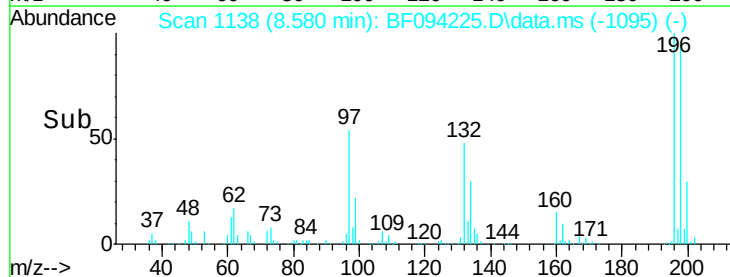
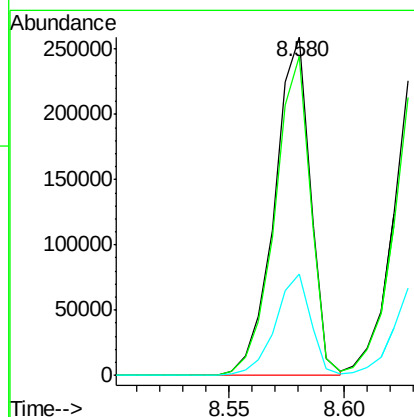
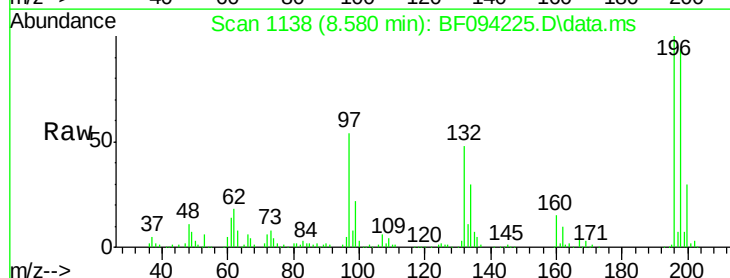
Tgt Ion:196 Resp: 278064

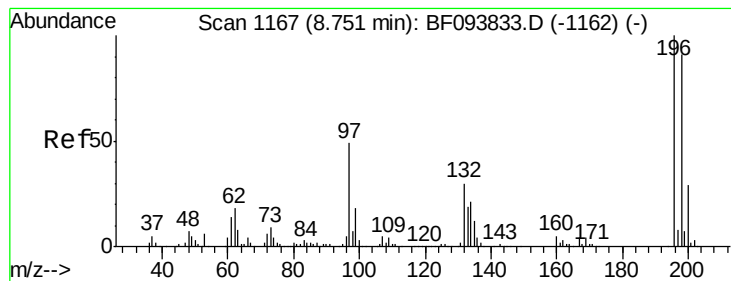
Ion Ratio Lower Upper

196 100

198 94.3 74.2 111.4

200 29.9 24.0 36.0





#43

2,4,5-Trichlorophenol

Concen: 45.54 ng

RT: 8.633 min Scan# 11

Delta R.T. -0.047 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

PB98085BS

Tot Ion:196 Resp: 282520

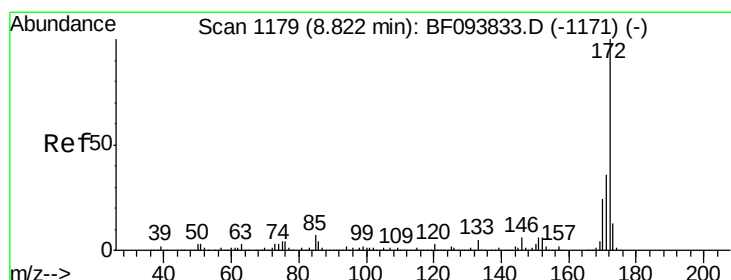
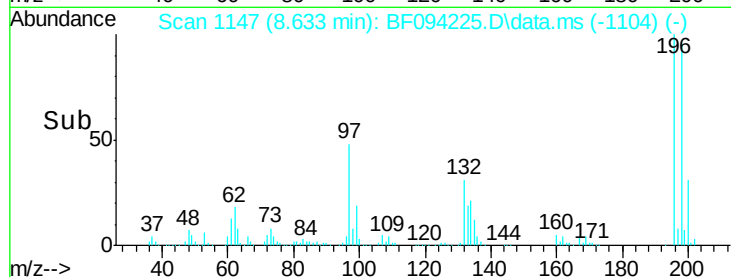
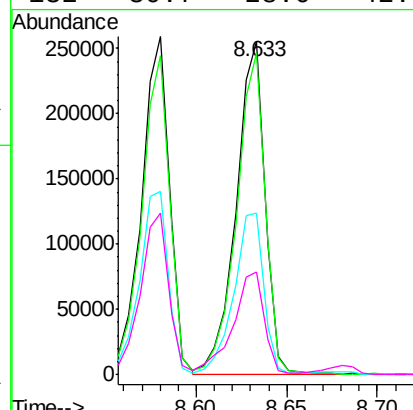
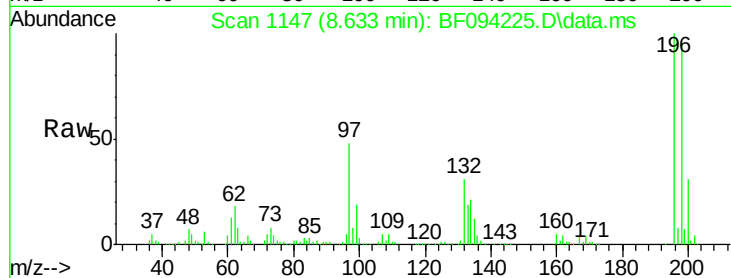
Ion Ratio Lower Upper

196 100

198 96.4 75.7 113.5

97 48.4 47.7 71.5

132 30.7 28.0 42.0



#44

2-Fluorobiphenyl

Concen: 86.93 ng

RT: 8.680 min Scan# 1155

Delta R.T. -0.053 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

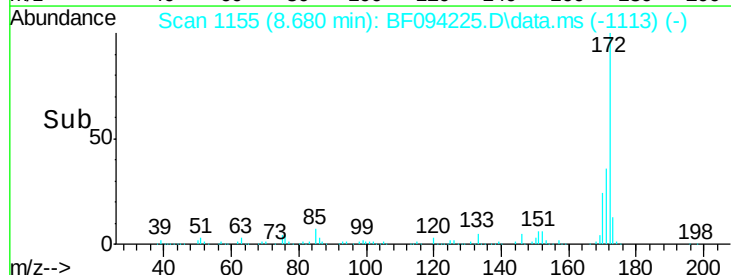
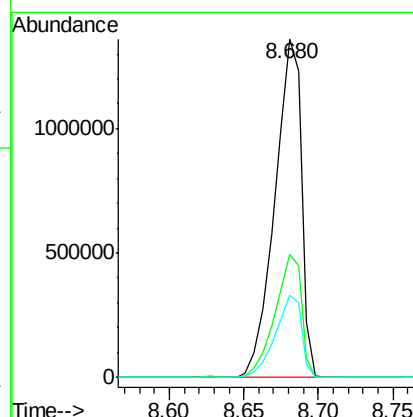
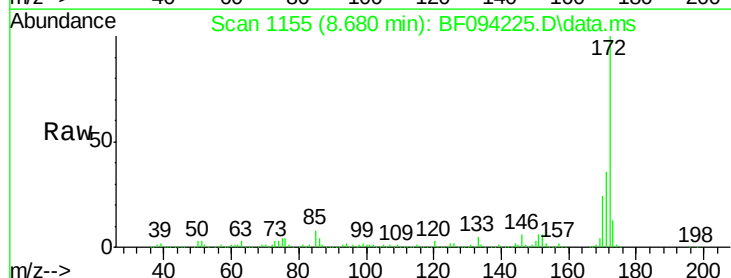
Tgt Ion:172 Resp: 1688462

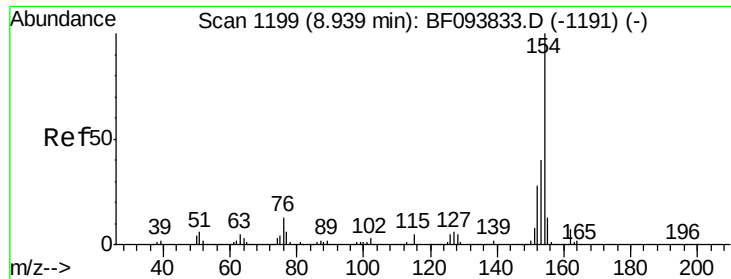
Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

170 24.4 19.8 29.8

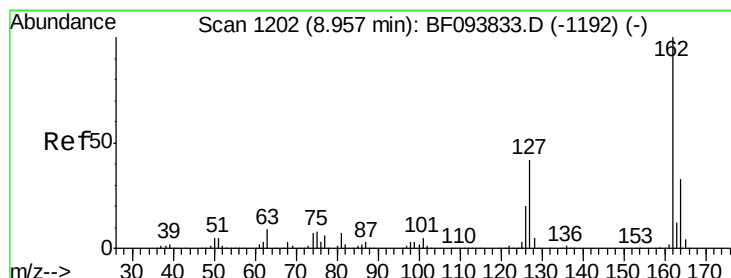
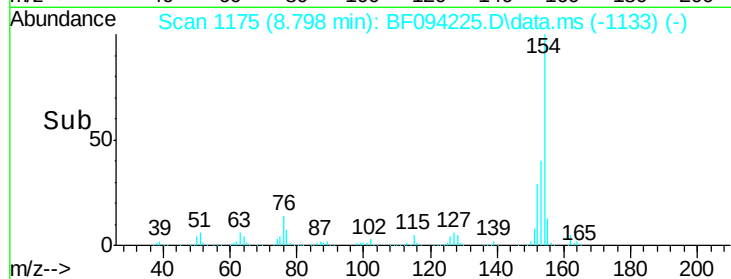
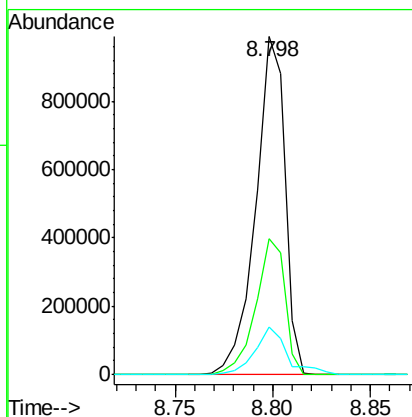
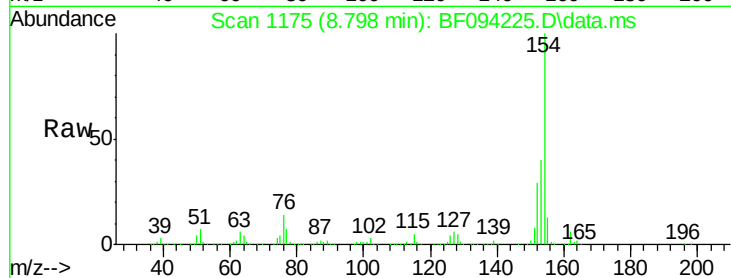




#45
 1,1'-Biphenyl
 Concen: 43.06 ng
 RT: 8.798 min Scan# 111
 Delta R.T. -0.053 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

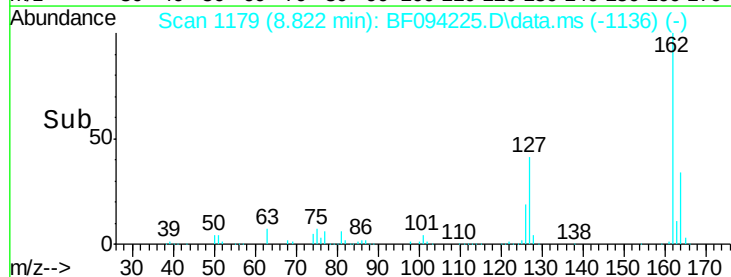
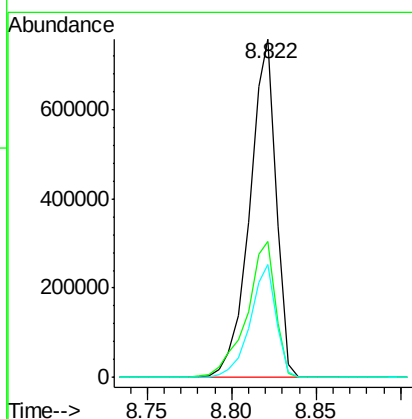
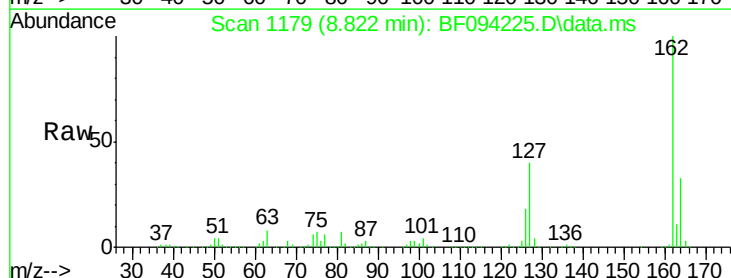
Instrument :
 BNA_F
 ClientSampleId :
 PB98085BS

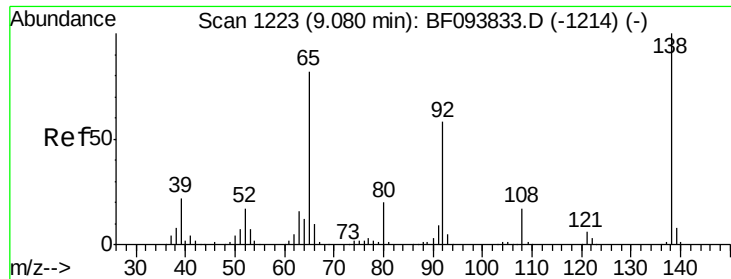
Tot Ion:154 Resp: 1028819
 Ion Ratio Lower Upper
 154 100
 153 40.3 21.2 61.2
 76 13.9 0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 44.15 ng
 RT: 8.822 min Scan# 1179
 Delta R.T. -0.047 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Tgt Ion:162 Resp: 825750
 Ion Ratio Lower Upper
 162 100
 127 40.3 28.3 42.5
 164 33.3 27.0 40.4

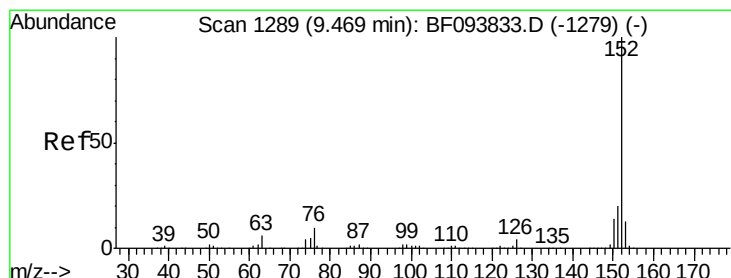
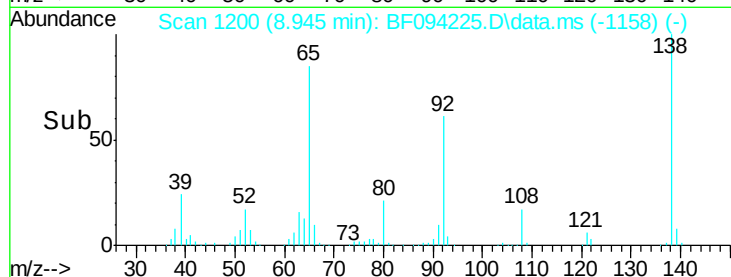
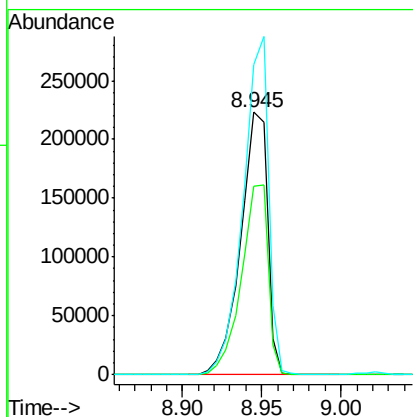
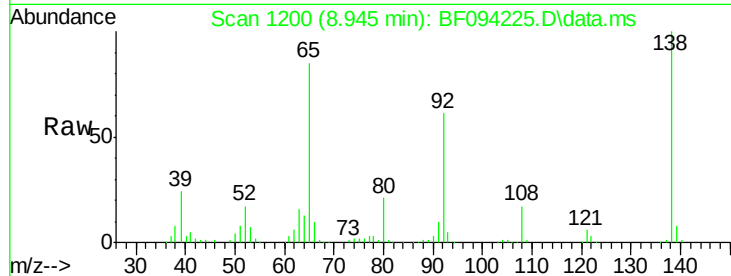




#47
 2-Nitroaniline
 Concen: 47.08 ng
 RT: 8.945 min Scan# 12
 Delta R.T. -0.053 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

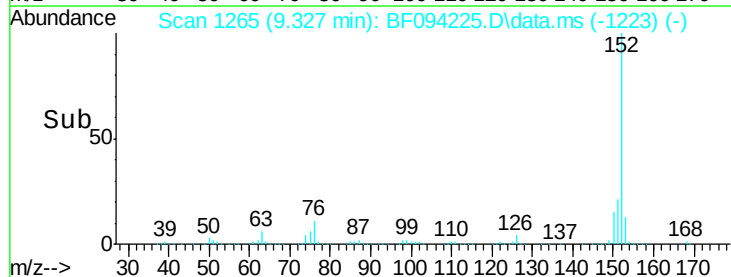
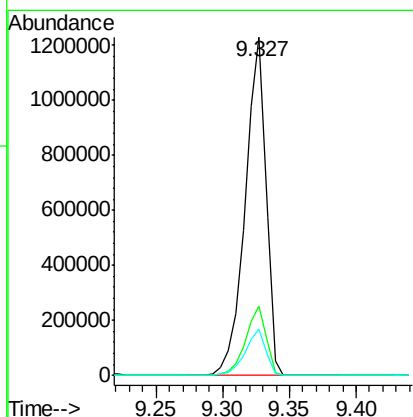
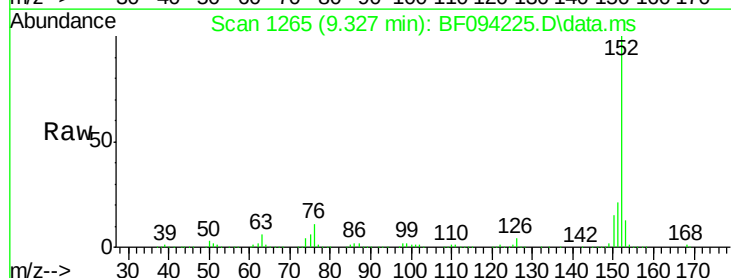
Instrument :
 BNA_F
 ClientSampleId :
 PB98085BS

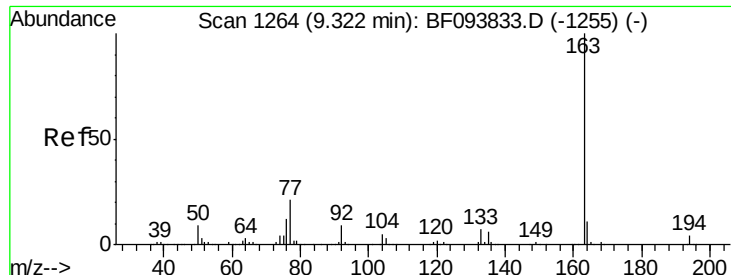
Tot Ion: 65 Resp: 261232
 Ion Ratio Lower Upper
 65 100
 92 71.7 53.9 80.9
 138 118.0 78.8 118.2



#48
 Acenaphthylene
 Concen: 42.07 ng
 RT: 9.327 min Scan# 1265
 Delta R.T. -0.053 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Tgt Ion: 152 Resp: 1307830
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 13.5 10.8 16.2





#49

Dimethylphthalate

Concen: 47.33 ng

RT: 9.192 min Scan# 12

Delta R.T. -0.053 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

PB98085BS

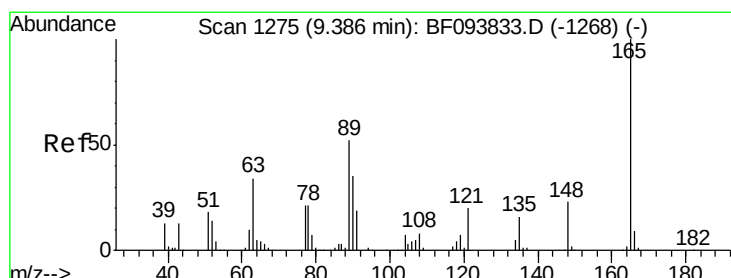
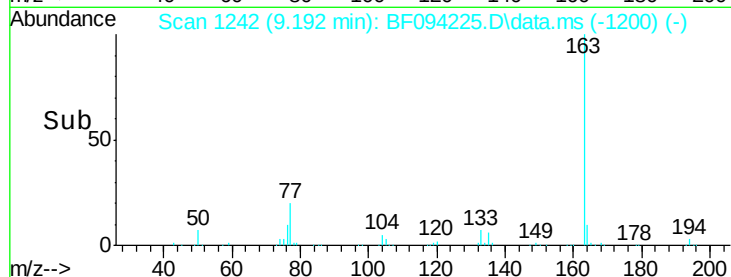
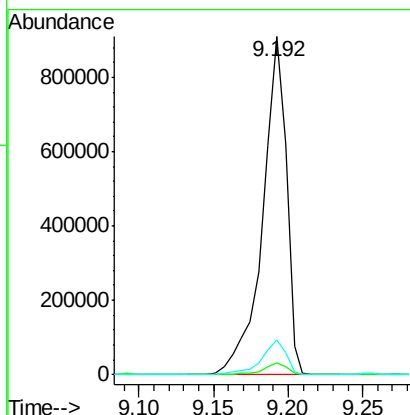
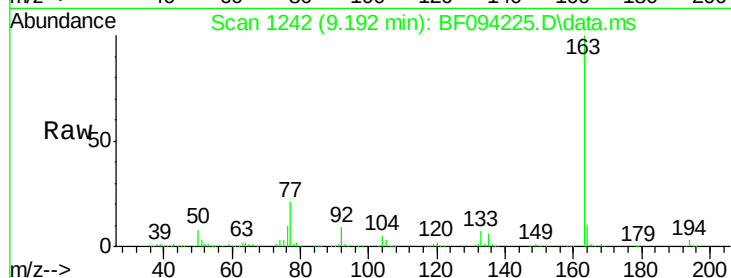
Tot Ion:163 Resp: 996634

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

164 10.4 8.4 12.6



#50

2,6-Dinitrotoluene

Concen: 46.86 ng

RT: 9.257 min Scan# 1253

Delta R.T. -0.047 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

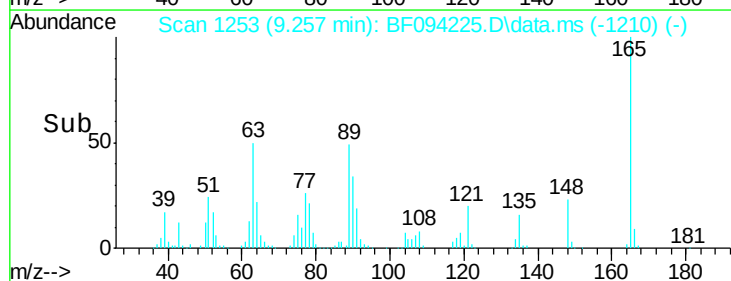
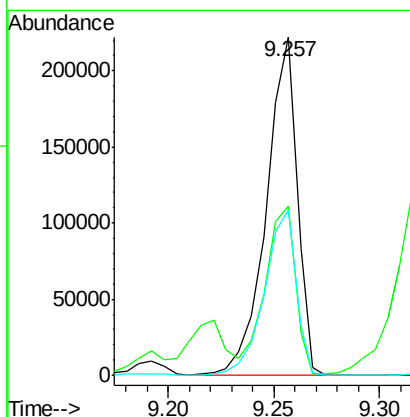
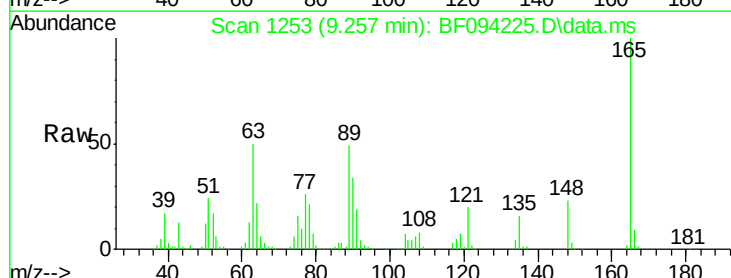
Tgt Ion:165 Resp: 226195

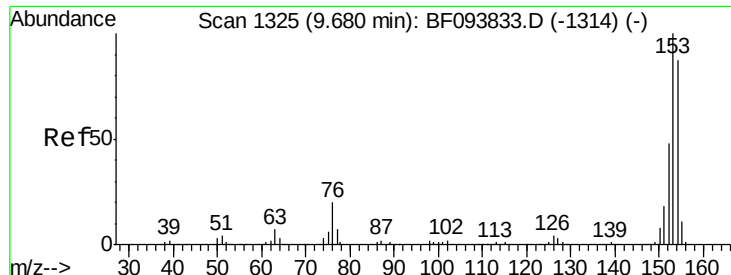
Ion Ratio Lower Upper

165 100

63 49.9 34.3 51.5

89 49.0 37.1 55.7





#51

Acenaphthene

Concen: 43.03 ng

RT: 9.539 min Scan# 13

Delta R.T. -0.053 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

PB98085BS

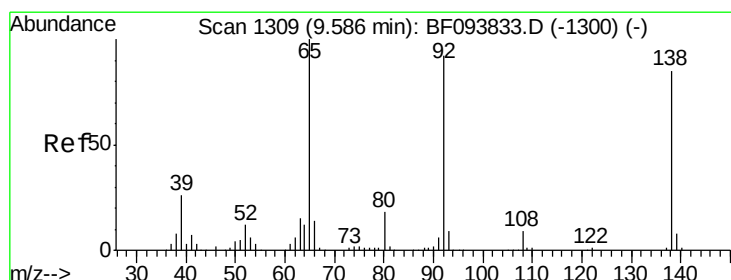
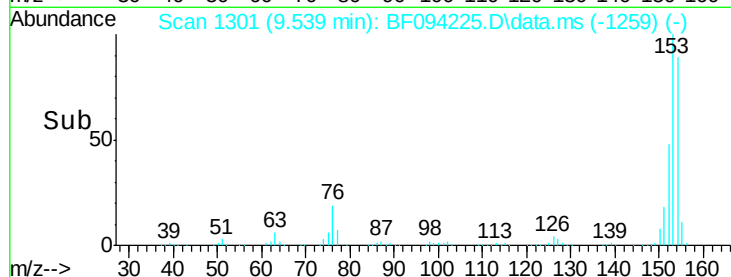
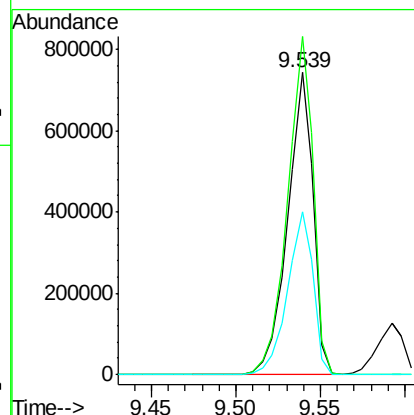
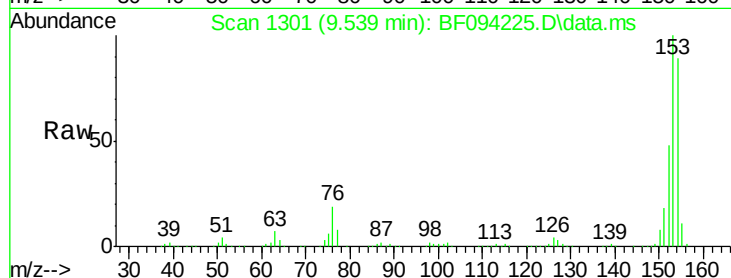
Tot Ion:154 Resp: 780470

Ion Ratio Lower Upper

154 100

153 112.0 90.5 135.7

152 53.8 43.6 65.4



#52

3-Nitroaniline

Concen: 33.63 ng

RT: 9.457 min Scan# 1287

Delta R.T. -0.053 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

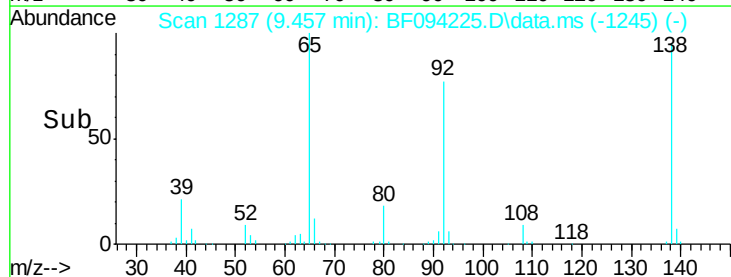
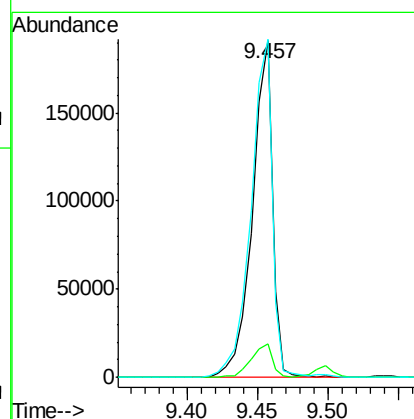
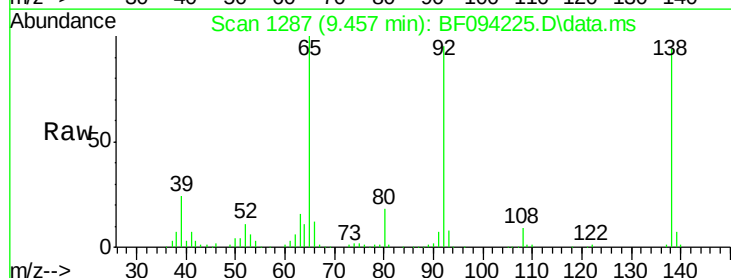
Tgt Ion:138 Resp: 190662

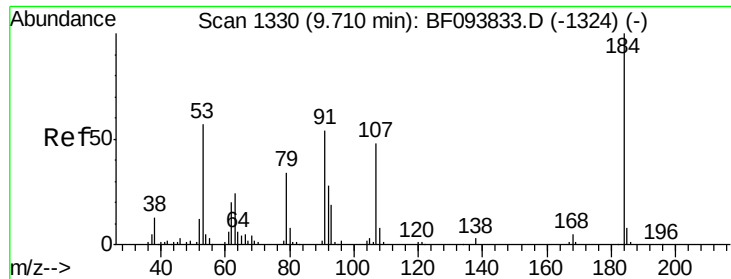
Ion Ratio Lower Upper

138 100

108 10.0 9.1 13.7

92 100.5 93.8 140.6

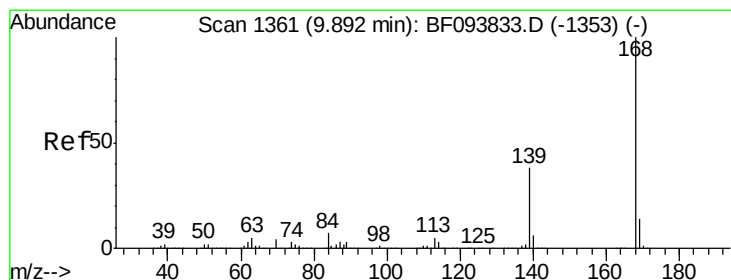
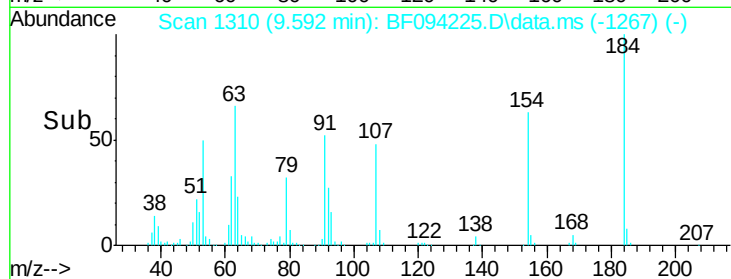
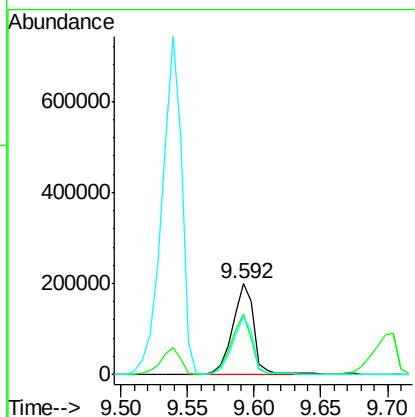
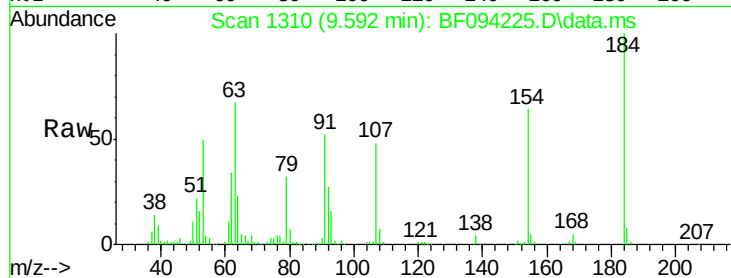




#53
2,4-Dinitrophenol
Concen: 86.12 ng
RT: 9.592 min Scan# 1330
Delta R.T. -0.047 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

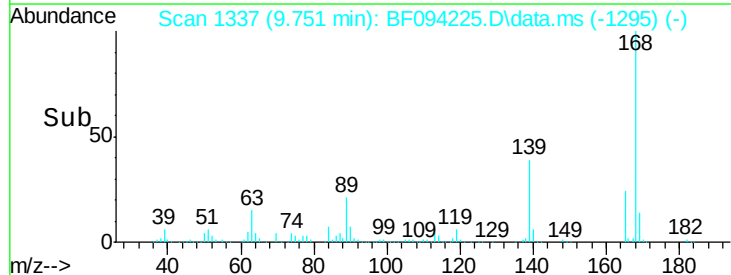
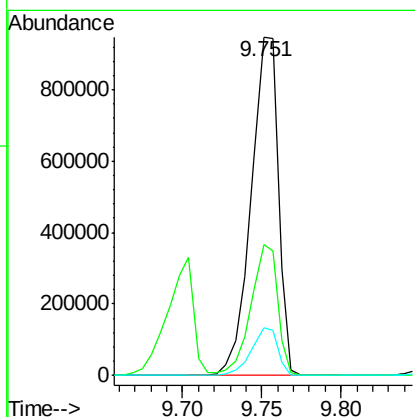
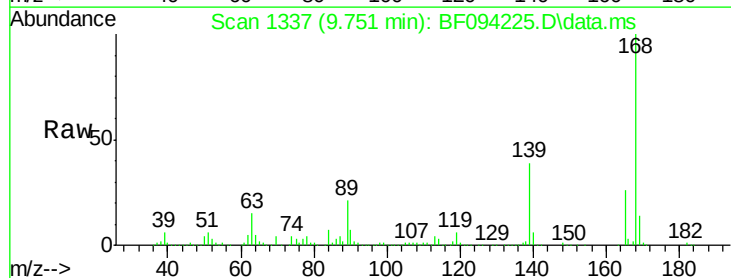
Instrument :
BNA_F
ClientSampleId :
PB98085BS

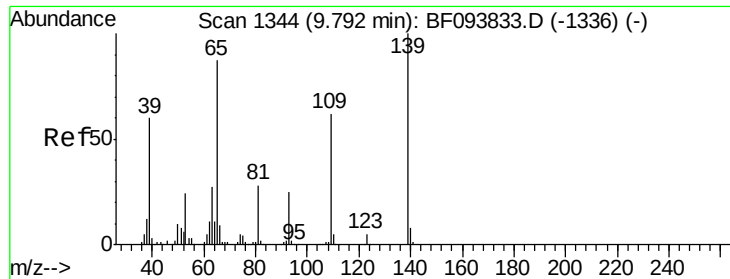
Tot Ion:184 Resp: 223449
Ion Ratio Lower Upper
184 100
63 66.8 62.7 94.1
154 63.5 81.1 121.7#



#54
Dibenzofuran
Concen: 46.01 ng
RT: 9.751 min Scan# 1337
Delta R.T. -0.053 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tgt Ion:168 Resp: 1136055
Ion Ratio Lower Upper
168 100
139 38.8 30.6 45.8
169 13.9 10.8 16.2

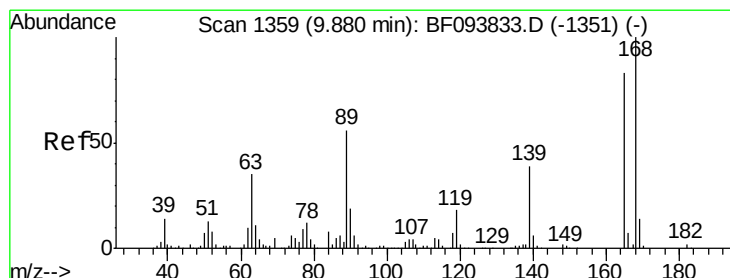
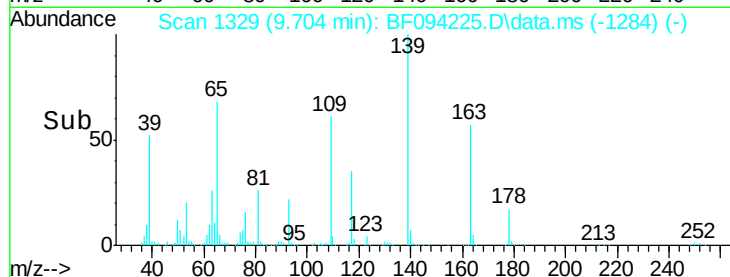
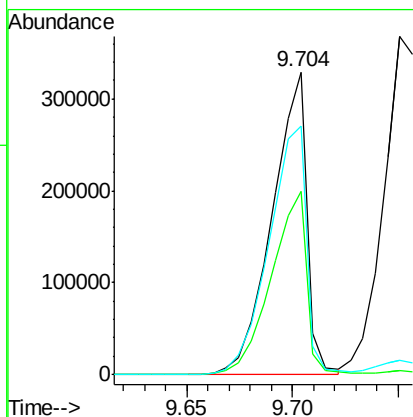
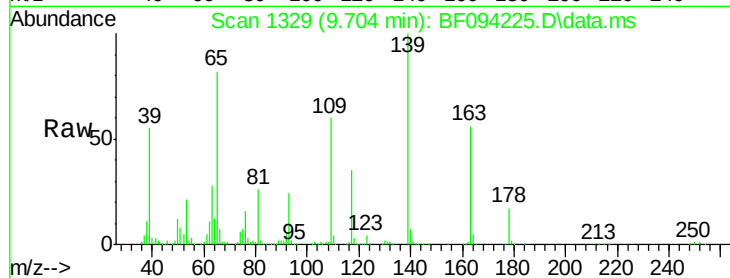




#55
4-Nitrophenol
Concen: 85.01 ng
RT: 9.704 min Scan# 1337
Delta R.T. -0.035 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

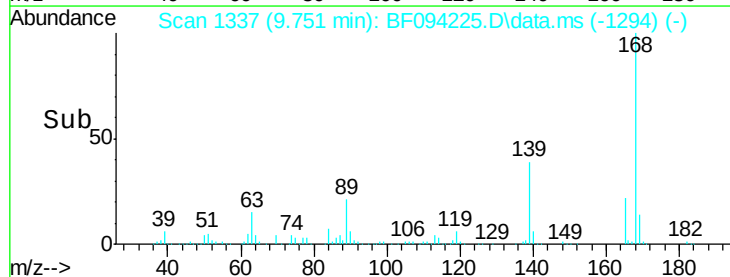
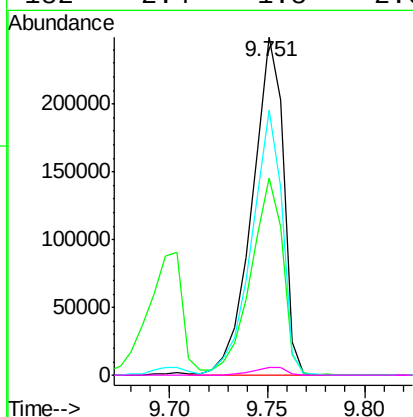
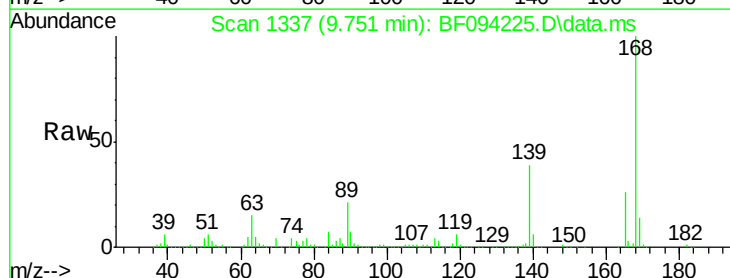
Instrument :
BNA_F
ClientSampleId :
PB98085BS

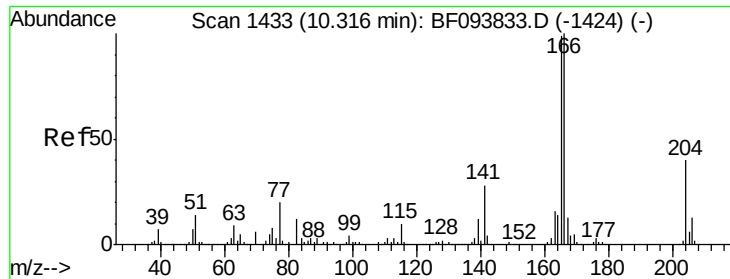
Tot Ion:139 Resp: 377393
Ion Ratio Lower Upper
139 100
109 60.4 34.1 74.1
65 82.1 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 45.71 ng
RT: 9.751 min Scan# 1337
Delta R.T. -0.047 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tgt Ion:165 Resp: 277215
Ion Ratio Lower Upper
165 100
63 58.4 25.4 38.0#
89 78.3 46.4 69.6#
182 2.4 1.8 2.6





#57

Fluorene

Concen: 42.92 ng

RT: 10.174 min Scan# 14

Delta R.T. -0.053 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

PB98085BS

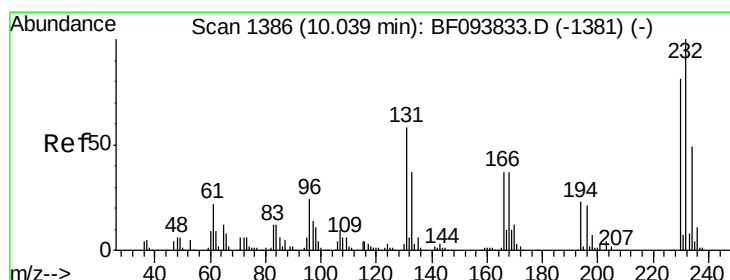
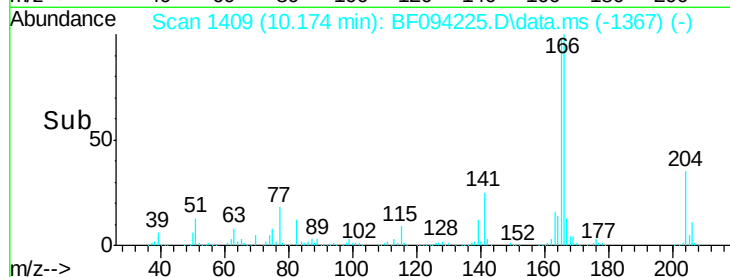
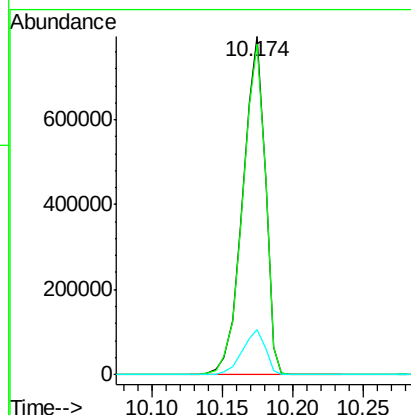
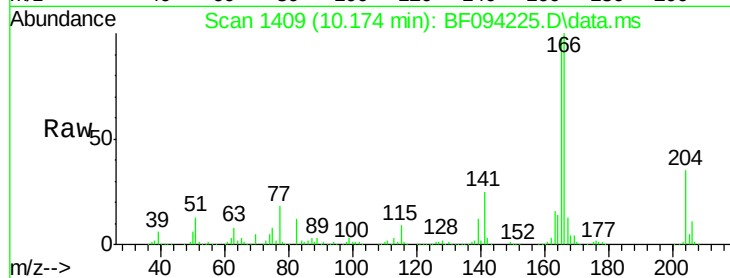
Tot Ion:166 Resp: 878822

Ion Ratio Lower Upper

166 100

165 97.8 78.8 118.2

167 13.3 10.6 16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.21 ng

RT: 9.910 min Scan# 1364

Delta R.T. -0.053 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Tgt Ion:232 Resp: 218015

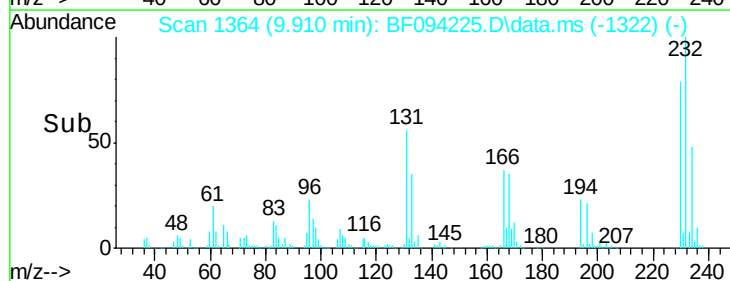
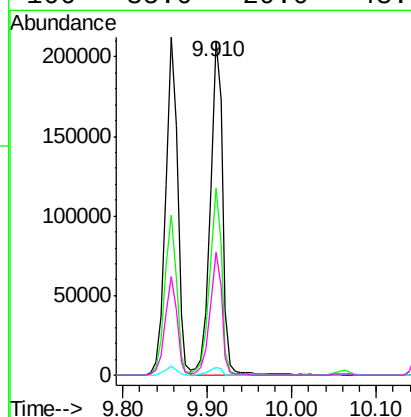
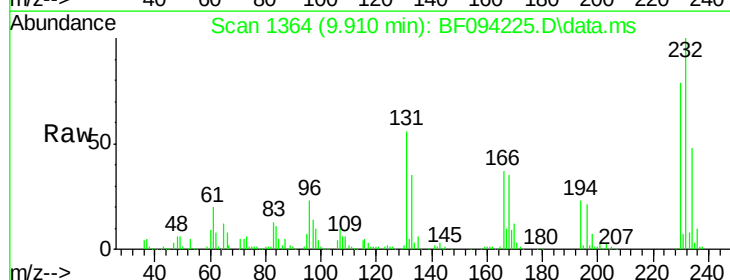
Ion Ratio Lower Upper

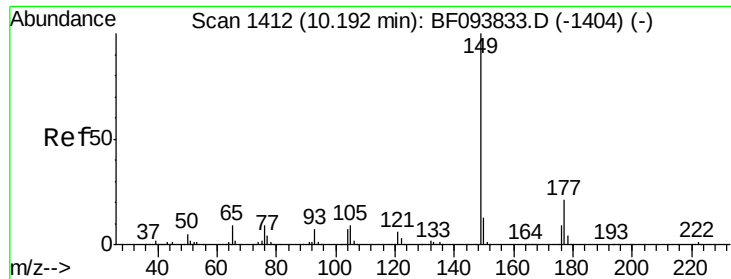
232 100

131 53.1 44.8 67.2

130 2.5 2.3 3.5

166 35.0 29.0 43.4





#59

Diethylphthalate

Concen: 46.66 ng

RT: 10.063 min Scan# 13

Delta R.T. -0.047 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

PB98085BS

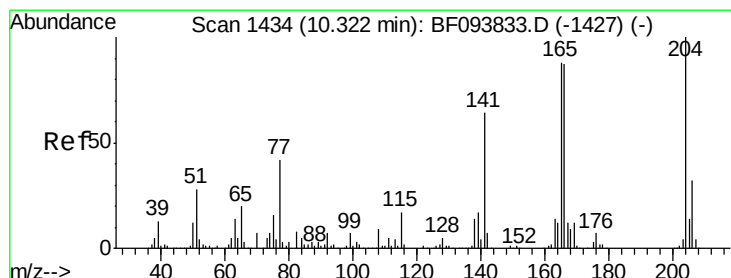
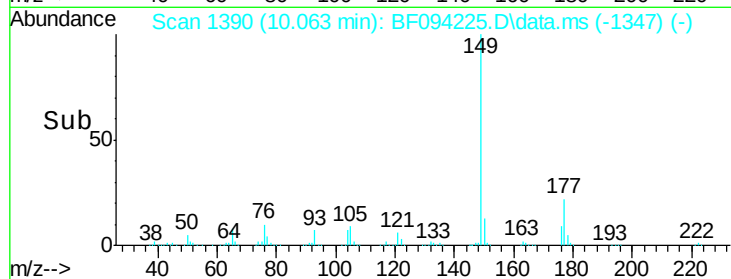
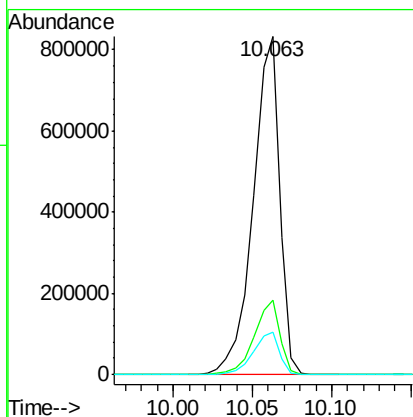
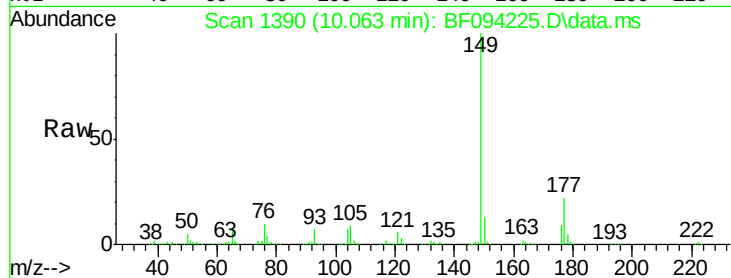
Tot Ion:149 Resp: 971212

Ion Ratio Lower Upper

149 100

177 22.1 16.7 25.1

150 12.5 10.2 15.2



#60

4-Chlorophenyl-phenylether

Concen: 43.26 ng

RT: 10.180 min Scan# 1410

Delta R.T. -0.053 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

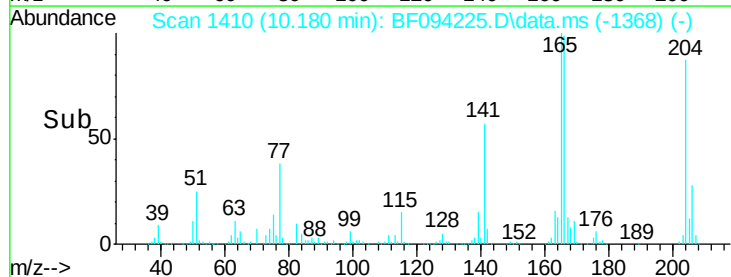
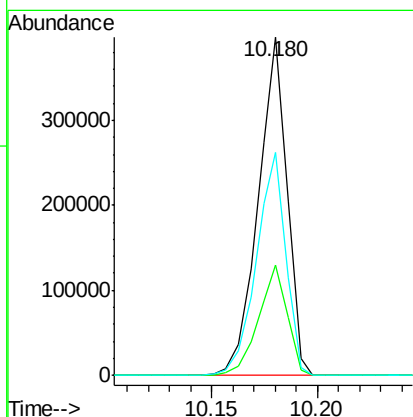
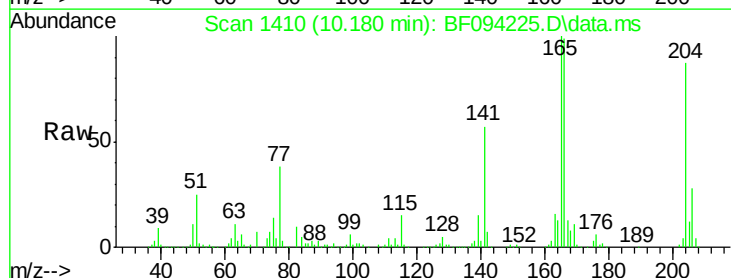
Tgt Ion:204 Resp: 377359

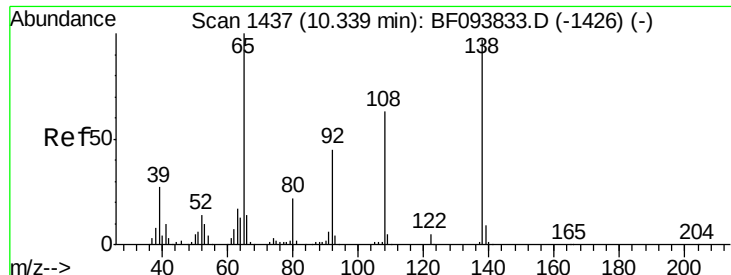
Ion Ratio Lower Upper

204 100

206 32.5 26.2 39.2

141 65.9 60.8 91.2

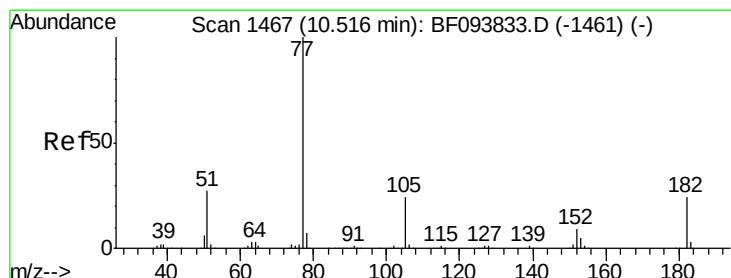
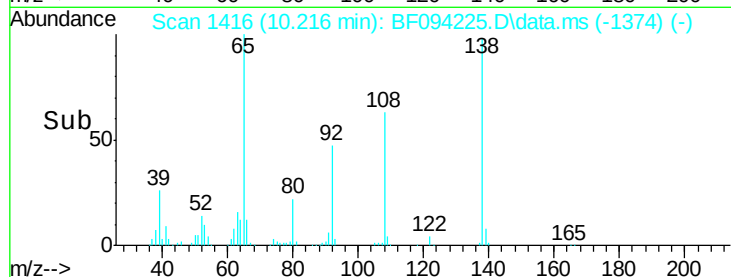
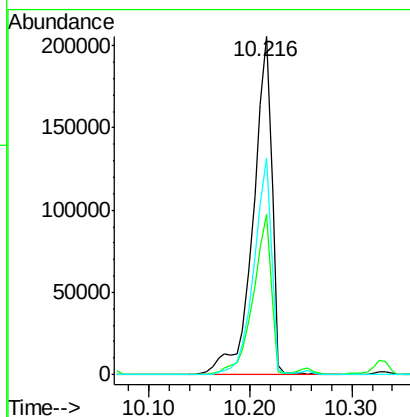
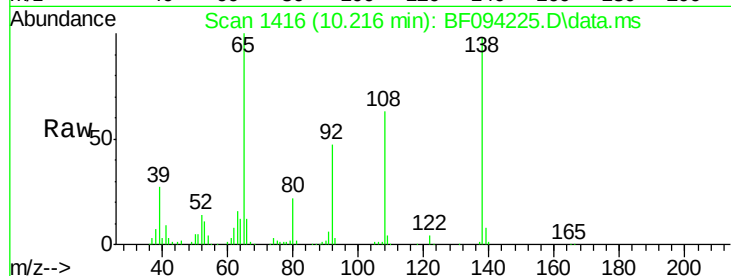




#61
4-Nitroaniline
Concen: 48.05 ng
RT: 10.216 min Scan# 1416
Delta R.T. -0.053 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

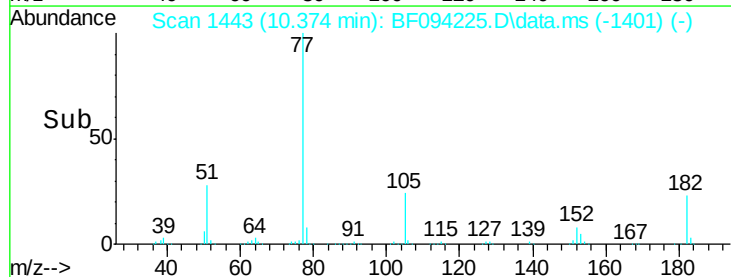
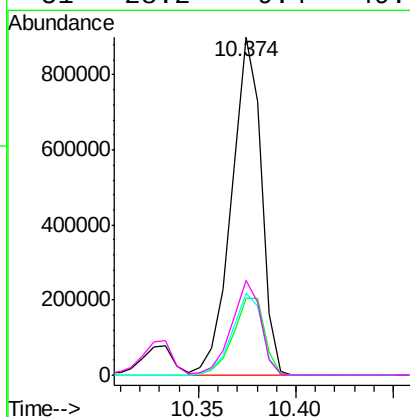
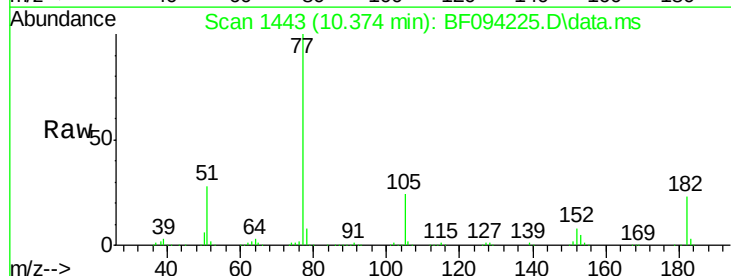
Instrument :
BNA_F
ClientSampleId :
PB98085BS

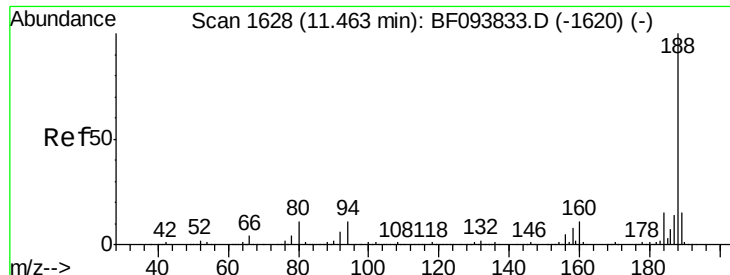
Tot Ion	Ratio	Lower	Upper
138	100		
92	47.4	21.8	61.8
108	64.2	42.3	82.3



#62
Azobenzene
Concen: 48.31 ng
RT: 10.374 min Scan# 1443
Delta R.T. -0.053 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.9	0.1	40.1
105	24.1	3.6	43.6
51	28.2	9.4	49.4

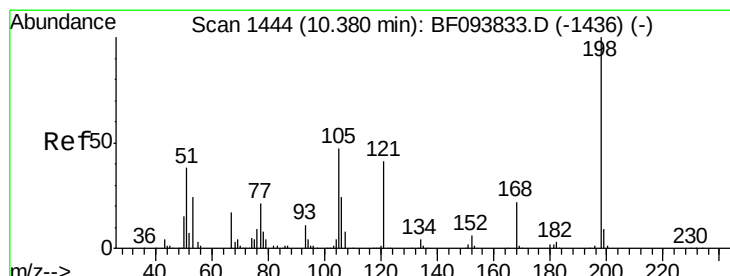
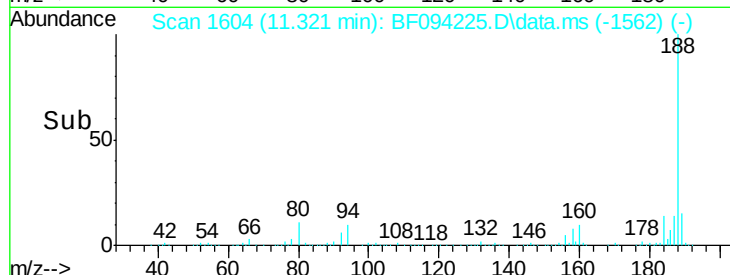
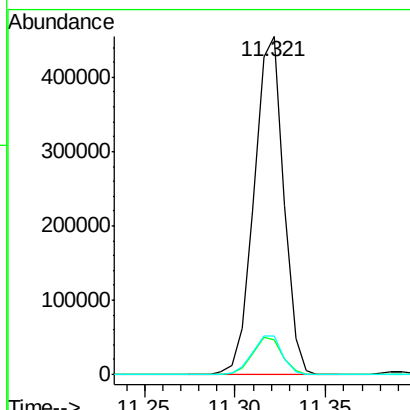
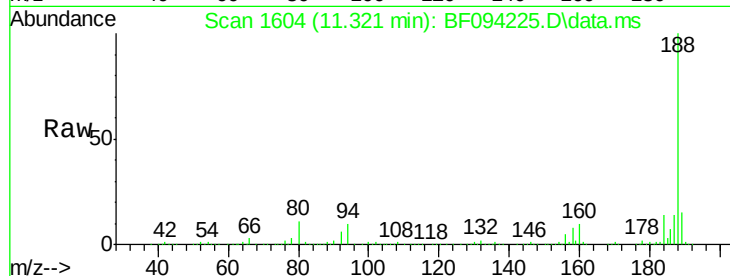




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.321 min Scan# 16
Delta R.T. -0.053 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

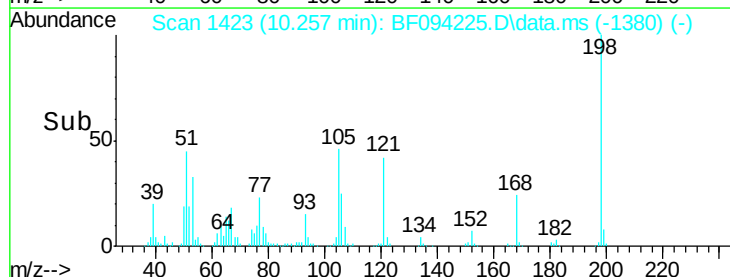
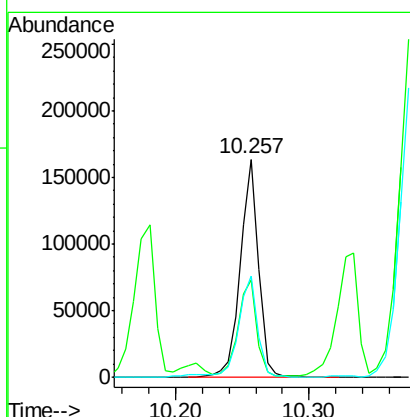
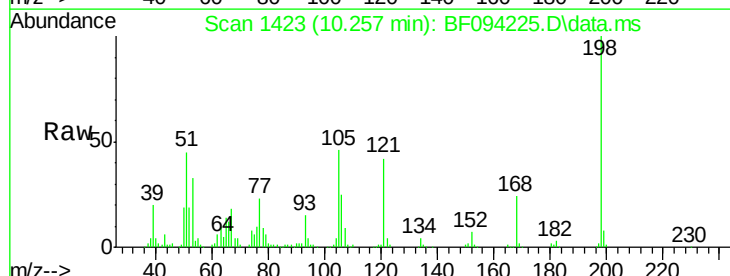
Instrument :
BNA_F
ClientSampleId :
PB98085BS

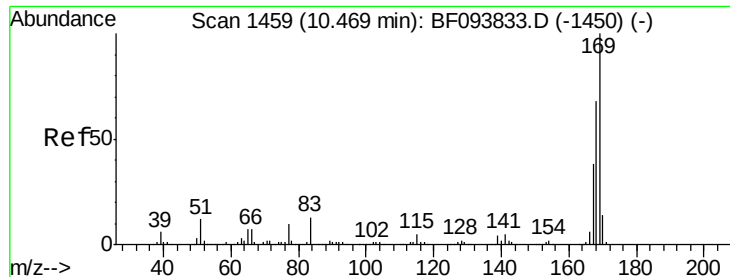
Tot Ion:188 Resp: 516364
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 11.3 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 49.40 ng
RT: 10.257 min Scan# 1423
Delta R.T. -0.047 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tgt Ion:198 Resp: 156232
Ion Ratio Lower Upper
198 100
51 44.9 53.2 93.2#
105 46.3 45.8 85.8

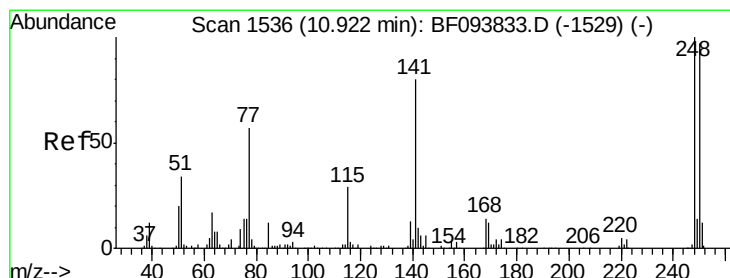
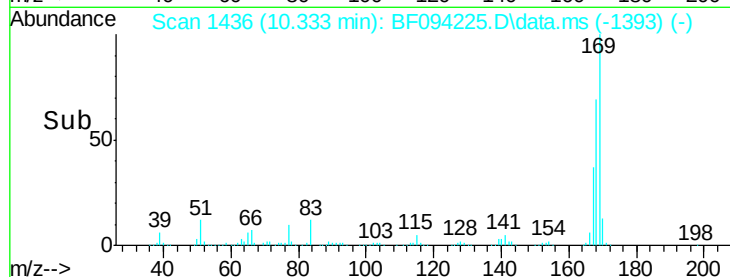
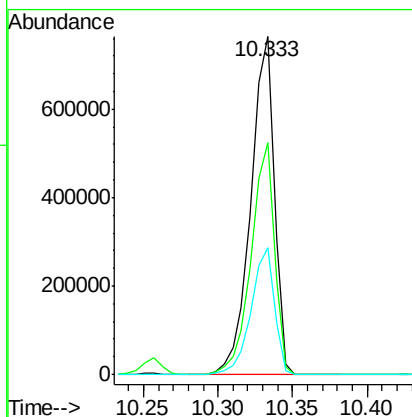
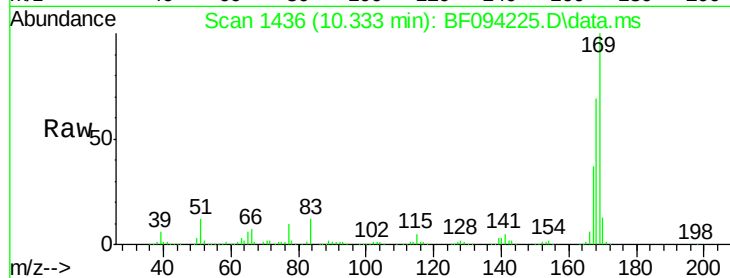




#65
 n-Nitrosodiphenylamine
 Concen: 46.55 ng
 RT: 10.333 min Scan# 141
 Delta R.T. -0.047 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

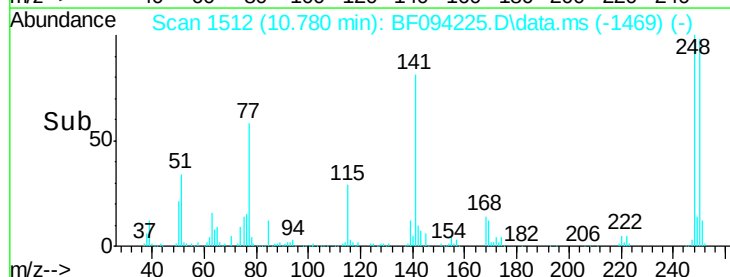
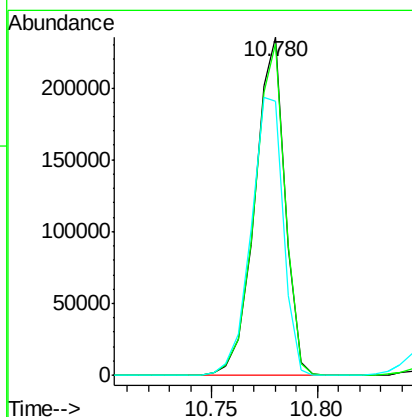
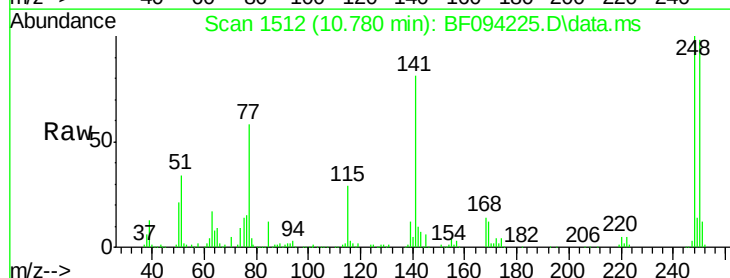
Instrument :
 BNA_F
 ClientSampleId :
 PB98085BS

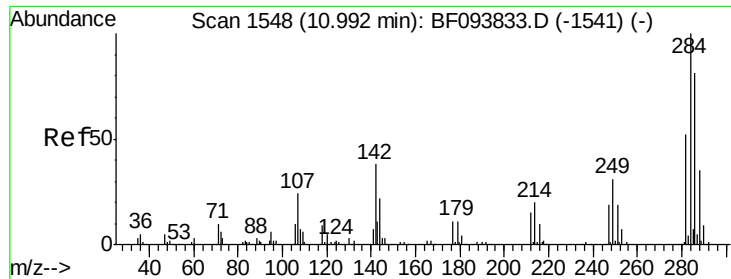
Tot Ion:	169	Resp:	831275
Ion Ratio	Lower	Upper	
169	100		
168	68.7	53.2	79.8
167	37.4	29.5	44.3



#66
 4-Bromophenyl-phenylether
 Concen: 45.76 ng
 RT: 10.780 min Scan# 1512
 Delta R.T. -0.047 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Tgt Ion:	248	Resp:	232392
Ion Ratio	Lower	Upper	
248	100		
250	98.2	76.8	115.2
141	81.3	68.6	103.0





#67

Hexachlorobenzene

Concen: 47.07 ng

RT: 10.851 min Scan# 15

Delta R.T. -0.053 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

PB98085BS

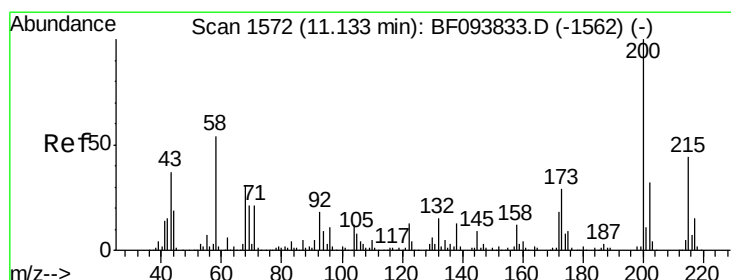
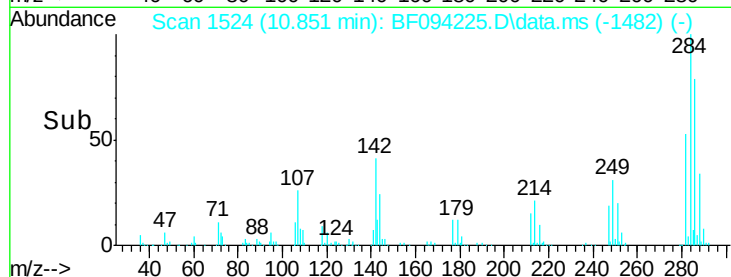
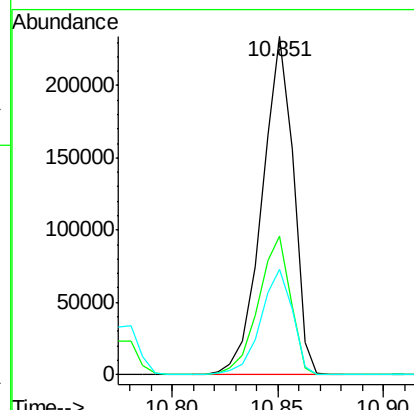
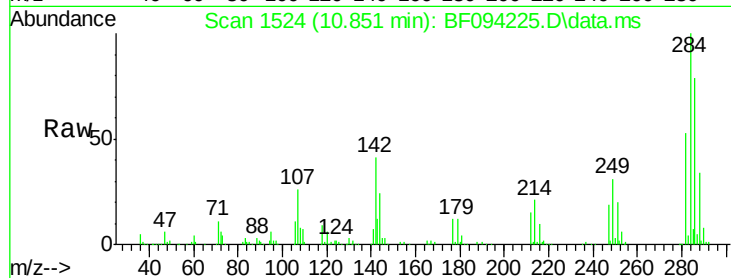
Tot Ion:284 Resp: 241967

Ion Ratio Lower Upper

284 100

142 41.0 22.8 34.2#

249 31.0 24.0 36.0



#68

Atrazine

Concen: 44.82 ng

RT: 11.004 min Scan# 1550

Delta R.T. -0.047 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

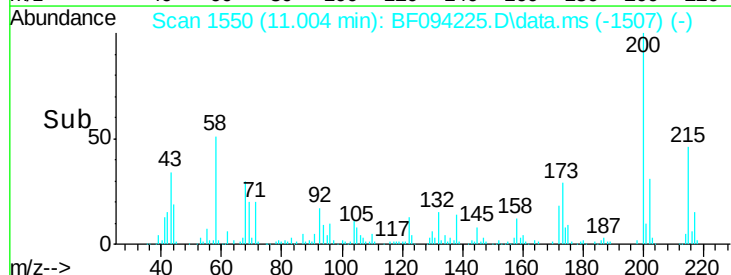
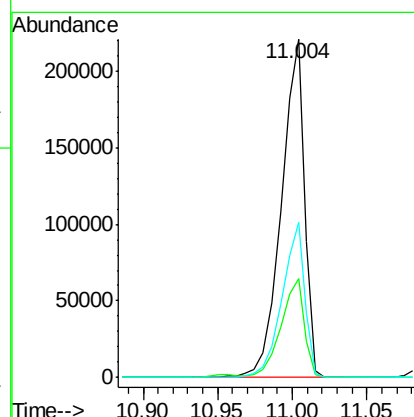
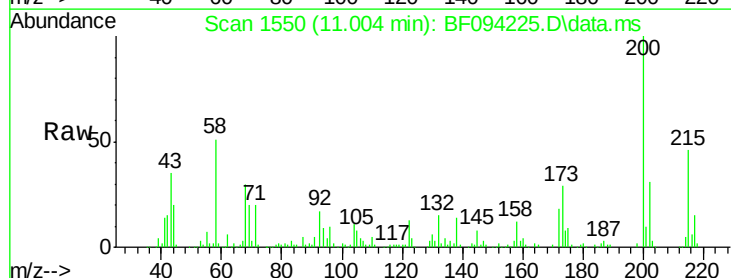
Tgt Ion:200 Resp: 239717

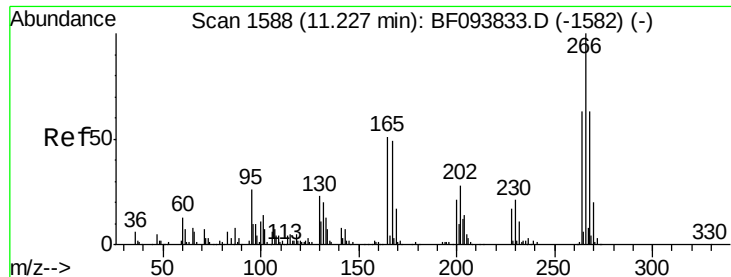
Ion Ratio Lower Upper

200 100

173 29.3 6.3 46.3

215 45.7 27.2 67.2





#69

Pentachlorophenol

Concen: 81.70 ng

RT: 11.098 min Scan# 15

Delta R.T. -0.047 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

PB98085BS

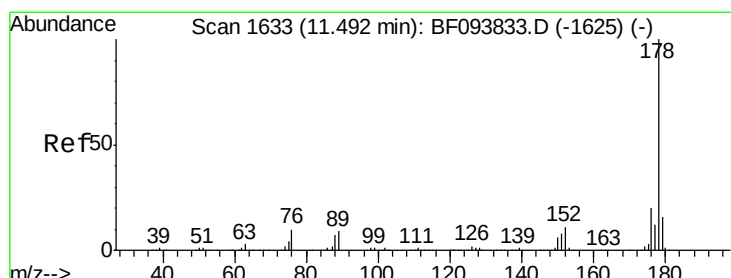
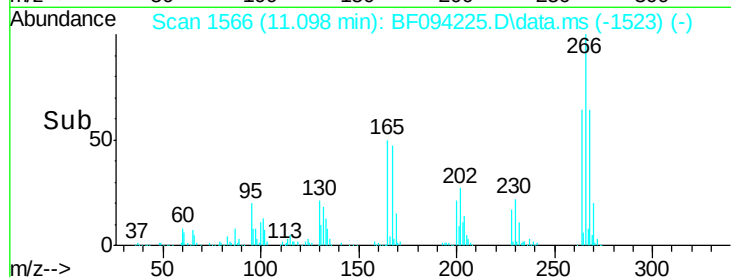
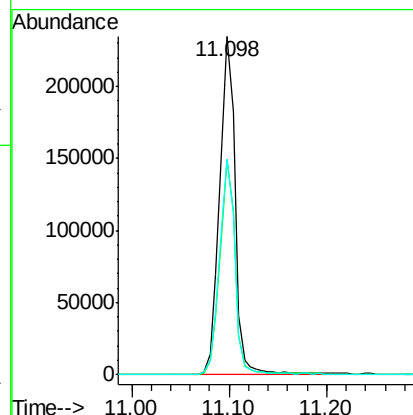
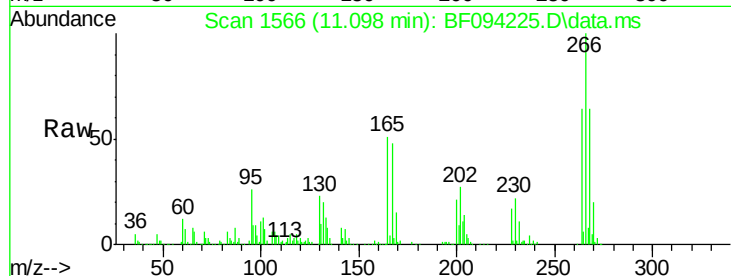
Tot Ion:266 Resp: 261439

Ion Ratio Lower Upper

266 100

268 63.8 51.1 76.7

264 63.8 51.7 77.5



#70

Phenanthrene

Concen: 45.16 ng

RT: 11.351 min Scan# 1609

Delta R.T. -0.053 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

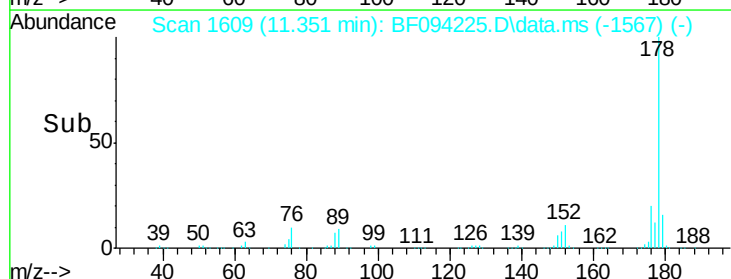
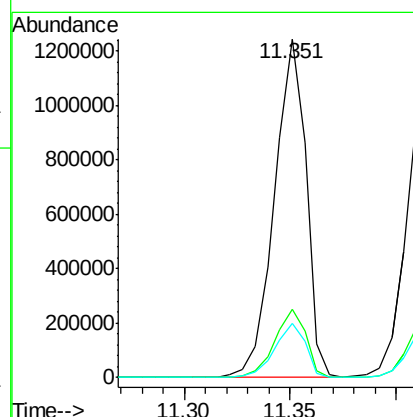
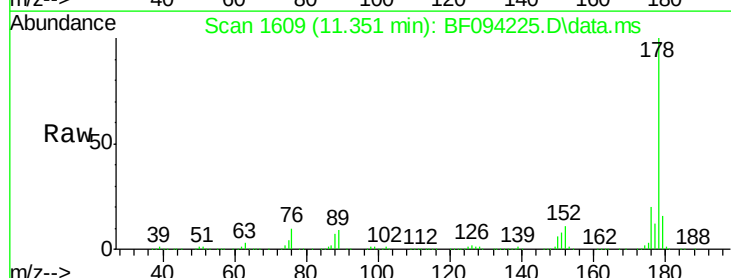
Tgt Ion:178 Resp: 1297317

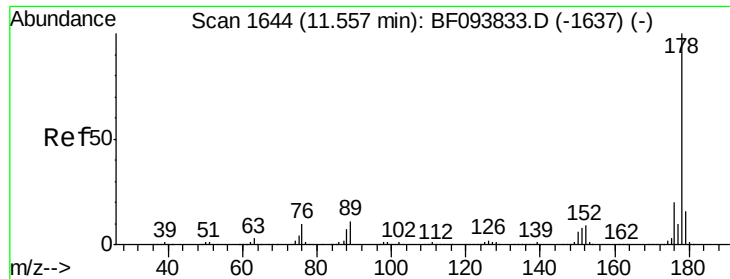
Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

179 16.1 12.6 19.0





#71

Anthracene

Concen: 45.75 ng

RT: 11.416 min Scan# 16

Delta R.T. -0.053 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

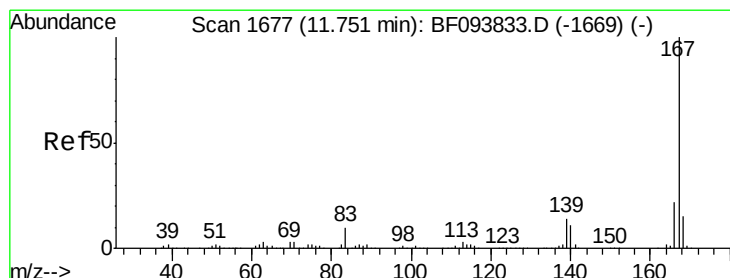
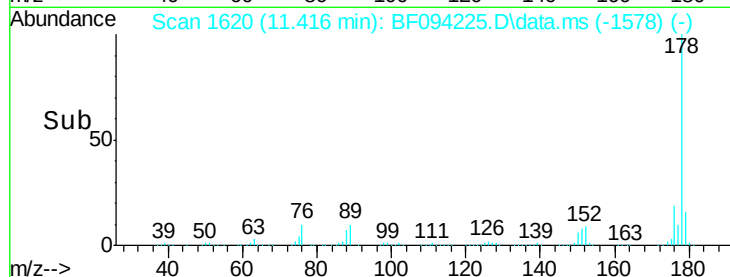
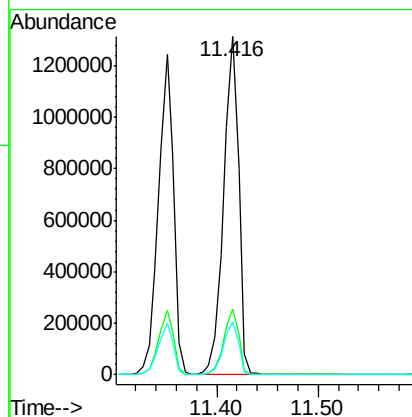
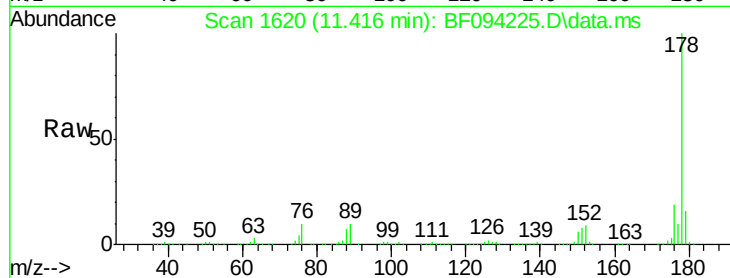
BNA_F

ClientSampleId :

PB98085BS

Tot Ion:178 Resp: 1353219

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.7	12.7	19.1



#72

Carbazole

Concen: 42.26 ng

RT: 11.616 min Scan# 1654

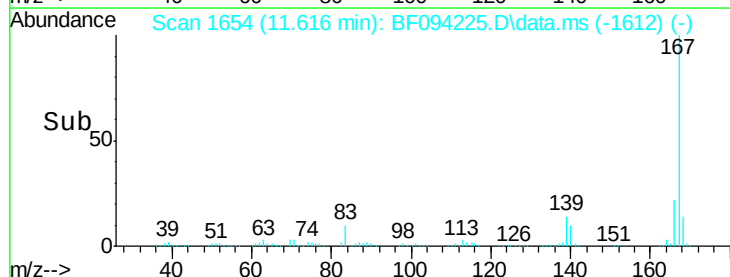
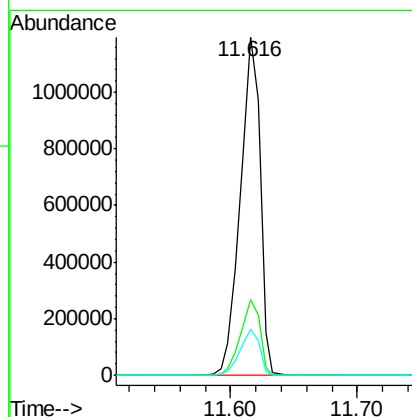
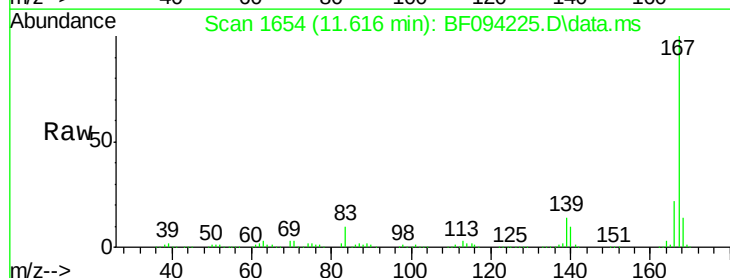
Delta R.T. -0.053 min

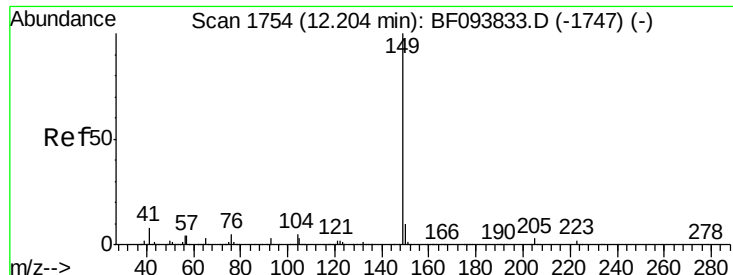
Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Tgt Ion:167 Resp: 1281715

Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	13.7	11.7	17.5





#73

Di-n-butylphthalate

Concen: 48.56 ng

RT: 12.068 min Scan# 17

Delta R.T. -0.047 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

PB98085BS

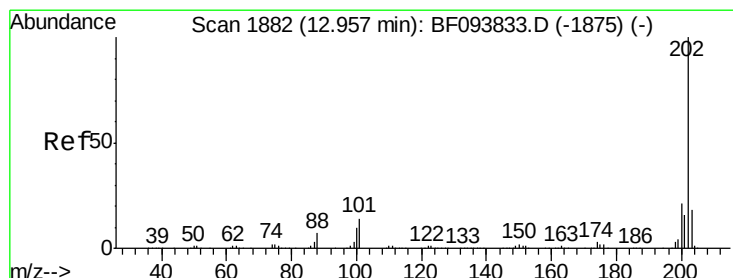
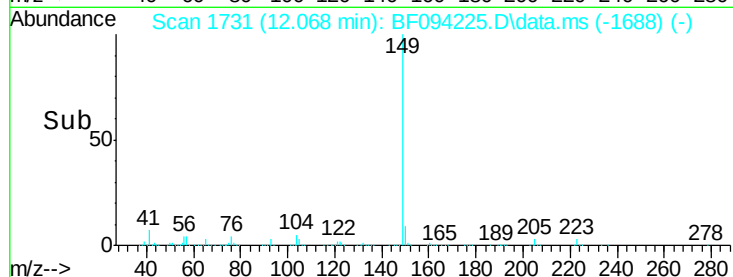
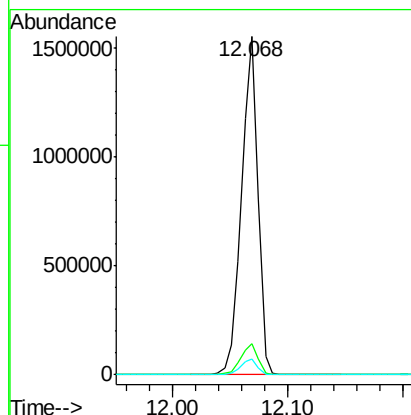
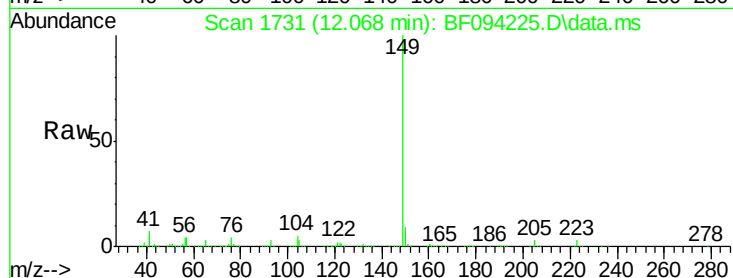
Tot Ion:149 Resp: 1531590

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

104 4.5 4.0 6.0



#74

Fluoranthene

Concen: 45.41 ng

RT: 12.810 min Scan# 1857

Delta R.T. -0.059 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

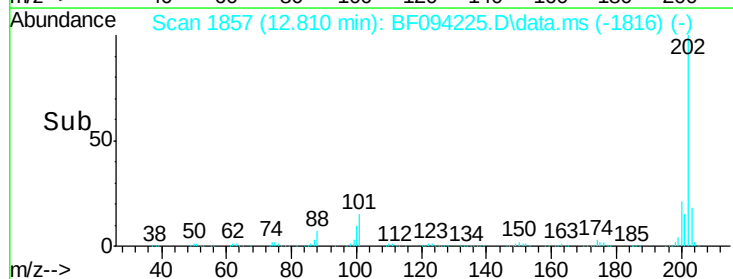
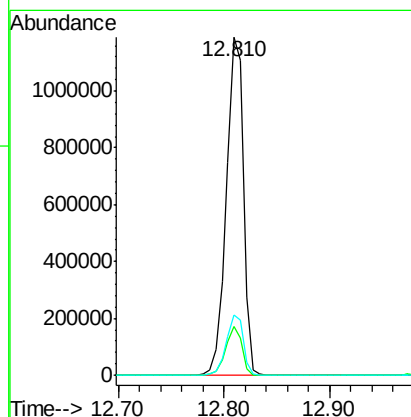
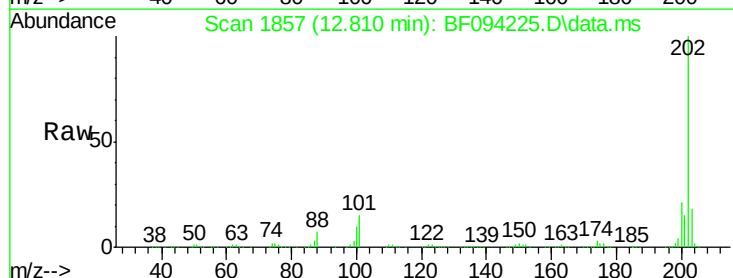
Tgt Ion:202 Resp: 1335653

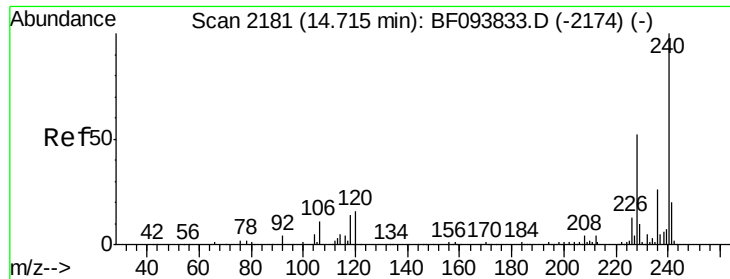
Ion Ratio Lower Upper

202 100

101 14.5 0.0 33.2

203 17.7 0.0 38.1

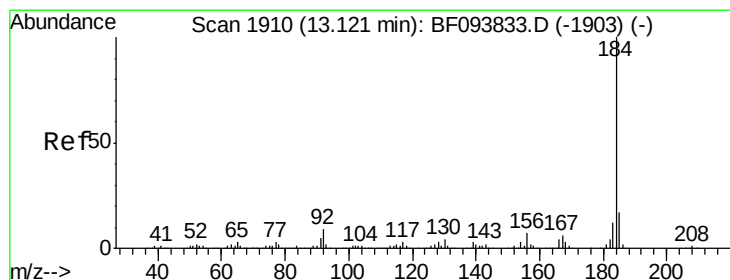
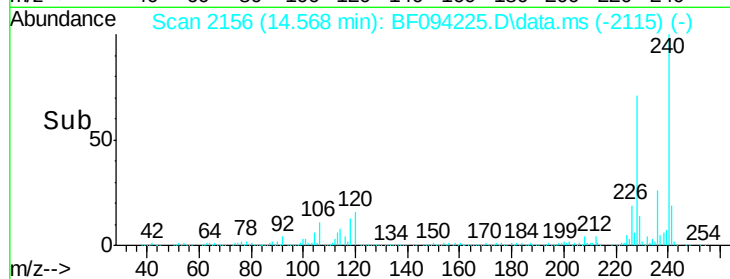
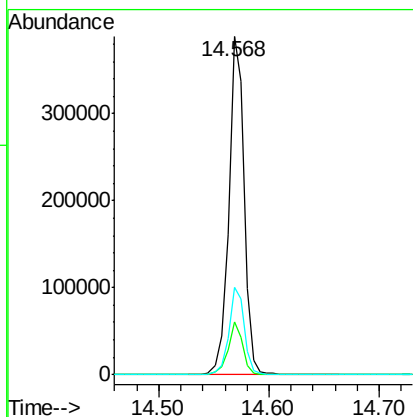
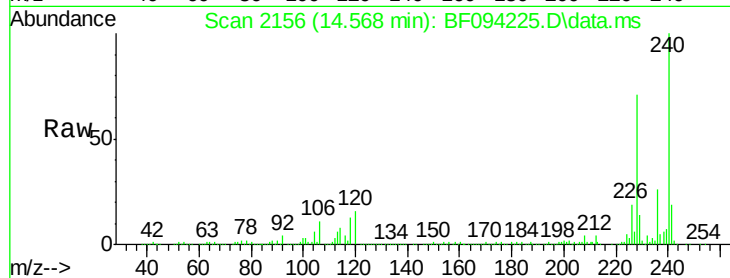




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.568 min Scan# 2181
 Delta R.T. -0.059 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

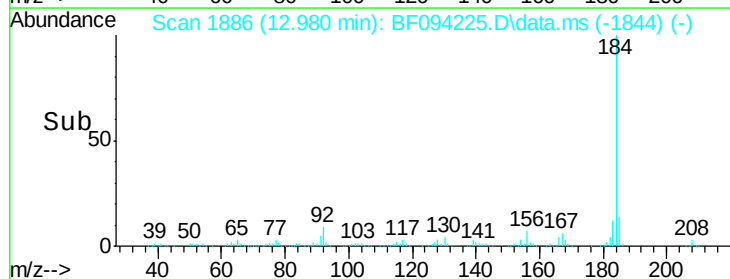
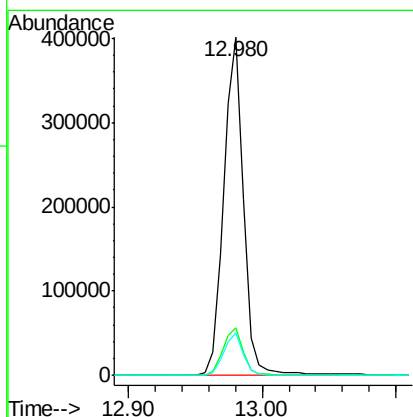
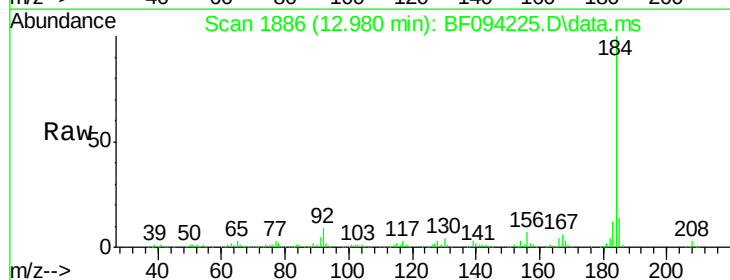
Instrument :
 BNA_F
 ClientSampleId :
 PB98085BS

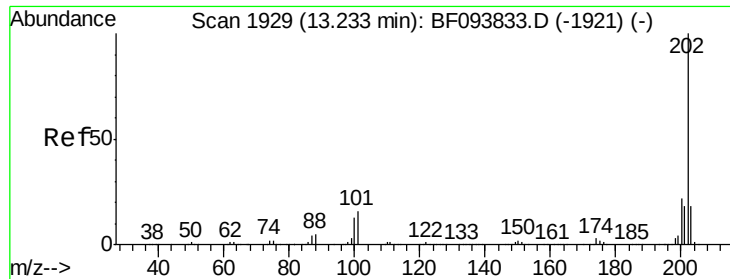
Tot Ion:240 Resp: 377306
 Ion Ratio Lower Upper
 240 100
 120 15.7 5.8 8.8#
 236 25.9 20.5 30.7



#76
 Benzidine
 Concen: 28.15 ng
 RT: 12.980 min Scan# 1886
 Delta R.T. -0.053 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Tgt Ion:184 Resp: 420373
 Ion Ratio Lower Upper
 184 100
 185 14.2 15.5 23.3#
 183 12.4 9.8 14.6

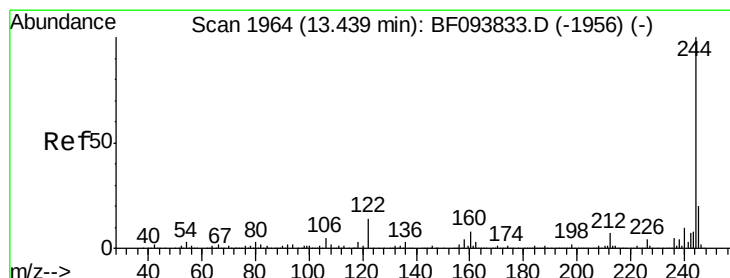
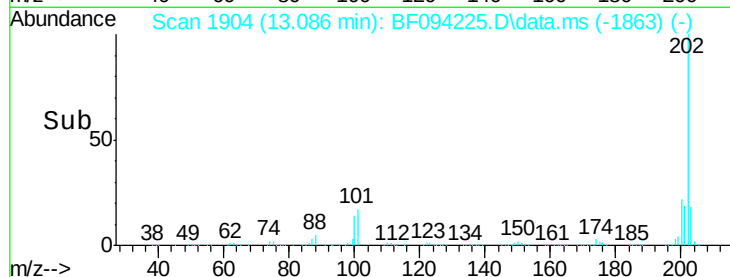
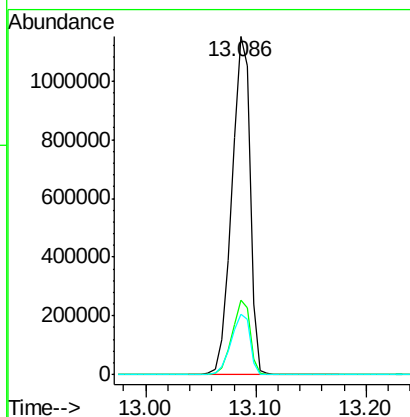
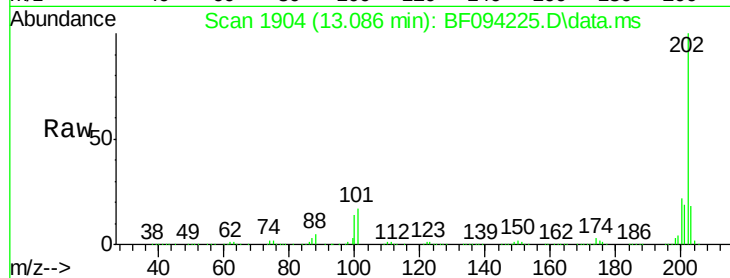




#77
 Pvrene
 Concen: 49.07 ng
 RT: 13.086 min Scan# 19
 Delta R.T. -0.059 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

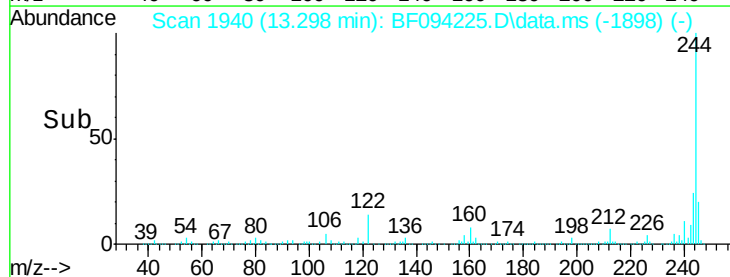
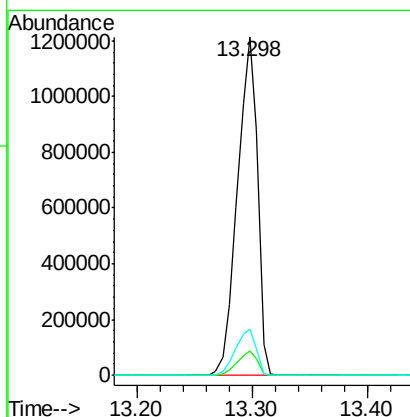
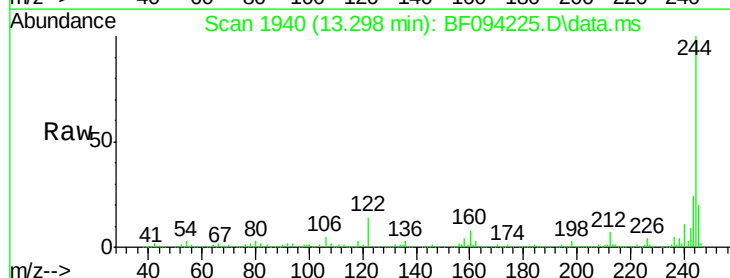
Instrument :
 BNA_F
 ClientSampleId :
 PB98085BS

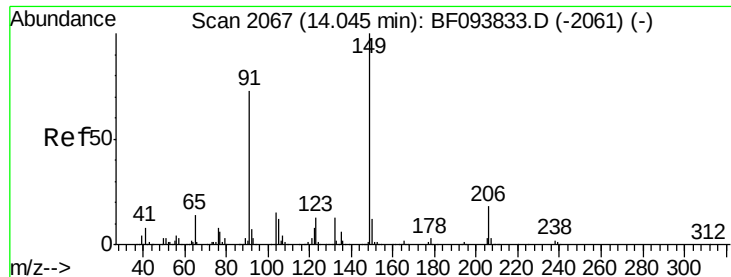
Tot Ion:202 Resp: 1343785
 Ion Ratio Lower Upper
 202 100
 200 22.1 17.6 26.4
 203 17.9 14.4 21.6



#78
 Terphenyl-d14
 Concen: 86.63 ng
 RT: 13.298 min Scan# 1940
 Delta R.T. -0.053 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Tgt Ion:244 Resp: 1458189
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.8 10.3 15.5

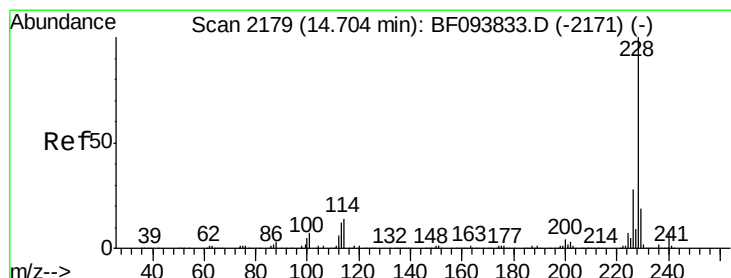
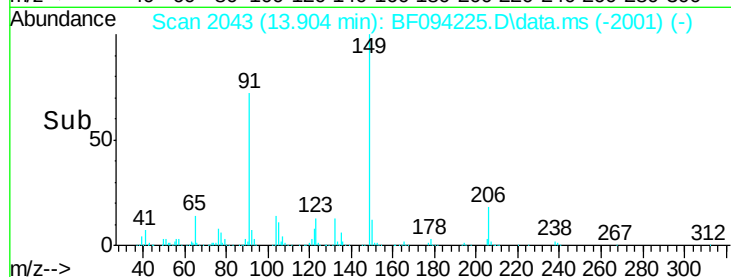
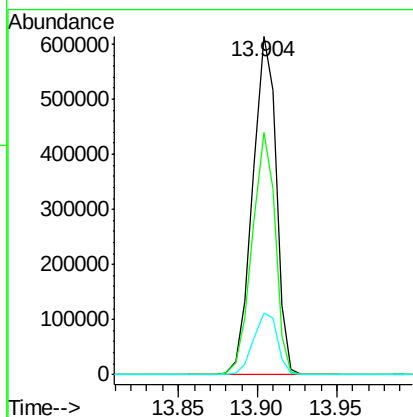
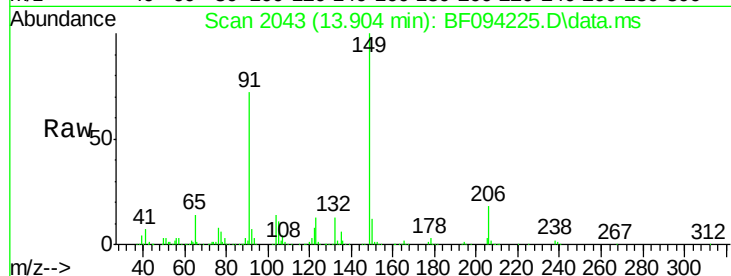




#79
Butylbenzylphthalate
Concen: 54.53 ng
RT: 13.904 min Scan# 2067
Delta R.T. -0.053 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

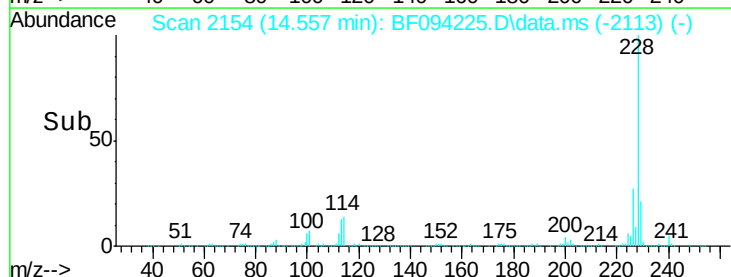
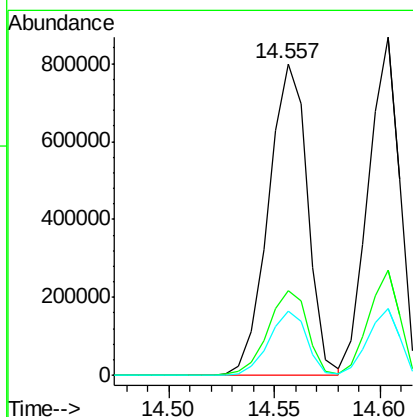
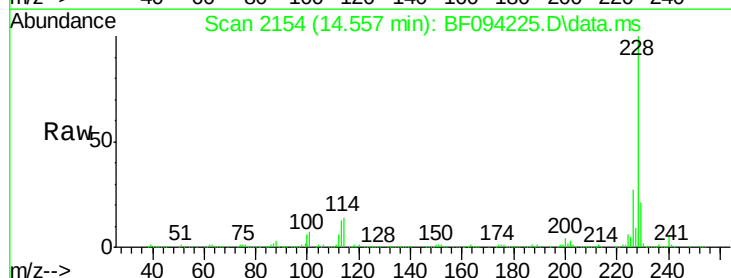
Instrument :
BNA_F
ClientSampleId :
PB98085BS

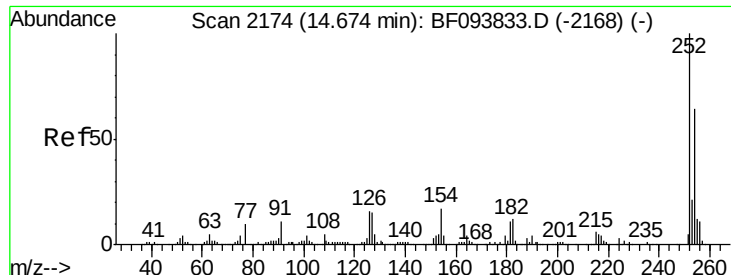
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.7	45.0	67.4
206	18.3	17.0	25.6



#80
Benzo(a)anthracene
Concen: 46.86 ng
RT: 14.557 min Scan# 2154
Delta R.T. -0.059 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	20.7	16.3	24.5

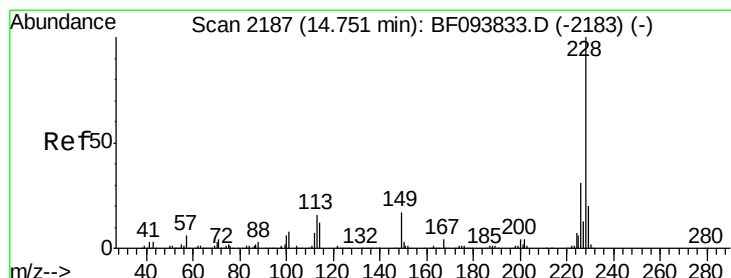
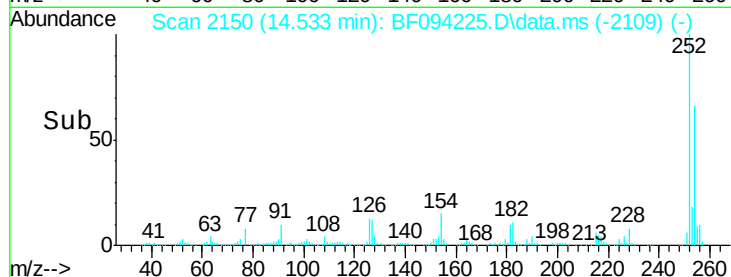
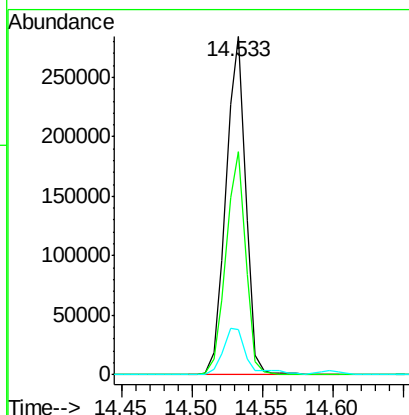
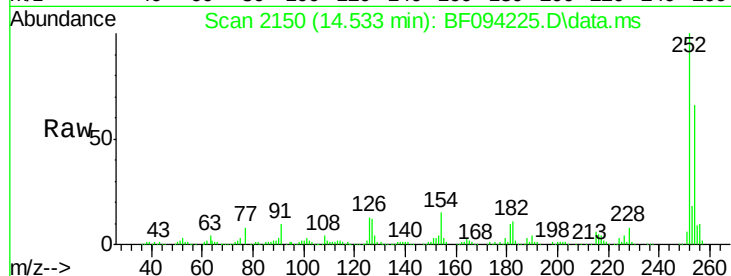




#81
 3,3'-Dichlorobenzidine
 Concen: 35.12 ng
 RT: 14.533 min Scan# 2174
 Delta R.T. -0.059 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

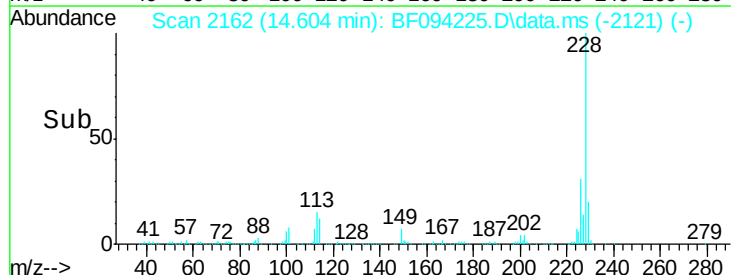
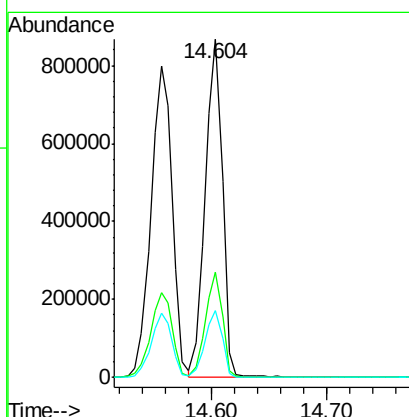
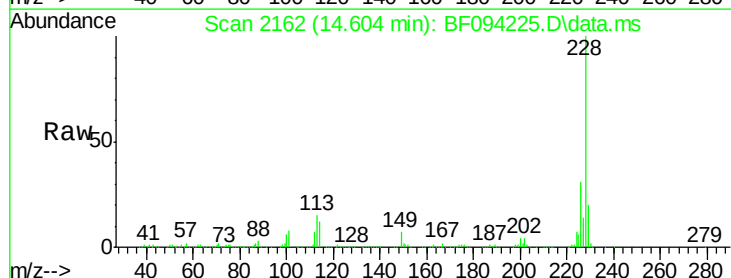
Instrument :
 BNA_F
 ClientSampleId :
 PB98085BS

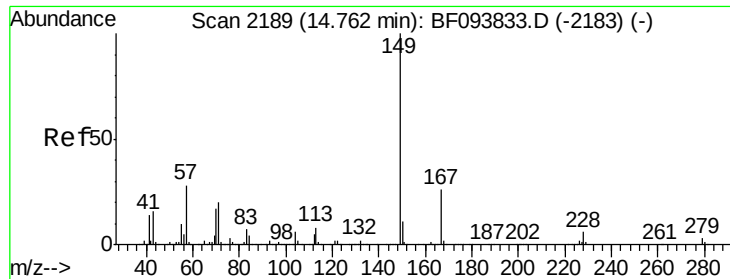
Tot Ion:252 Resp: 276193
 Ion Ratio Lower Upper
 252 100
 254 66.0 51.5 77.3
 126 13.5 15.8 23.8#



#82
 Chrysene
 Concen: 44.31 ng
 RT: 14.604 min Scan# 2162
 Delta R.T. -0.059 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Tgt Ion:228 Resp: 904609
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.9 37.3
 229 19.7 15.8 23.6

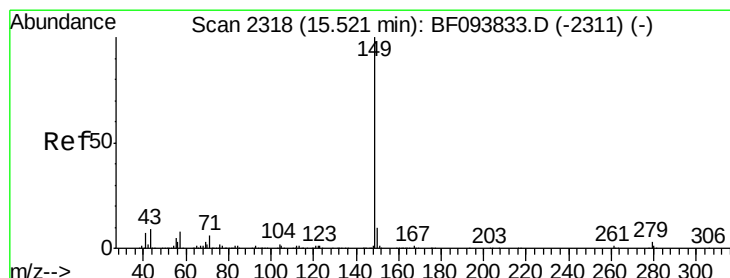
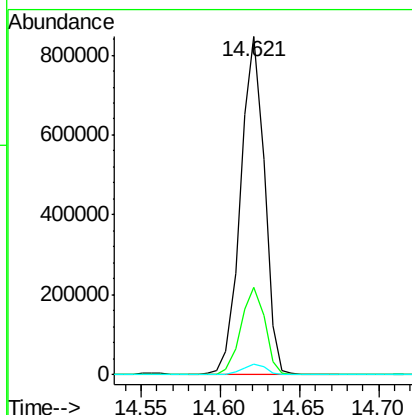
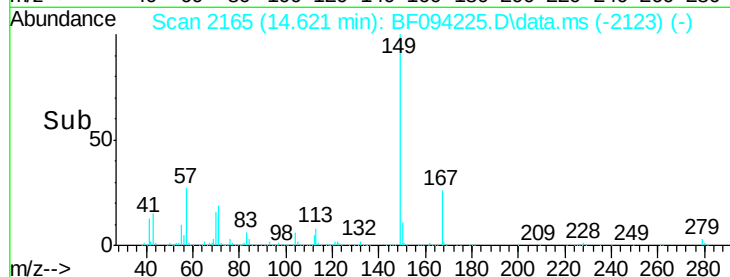
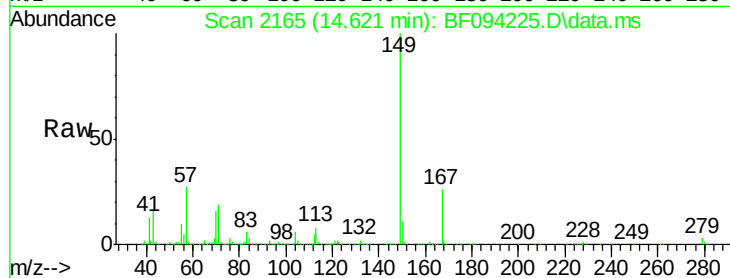




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.30 ng
 RT: 14.621 min Scan# 21
 Delta R.T. -0.053 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

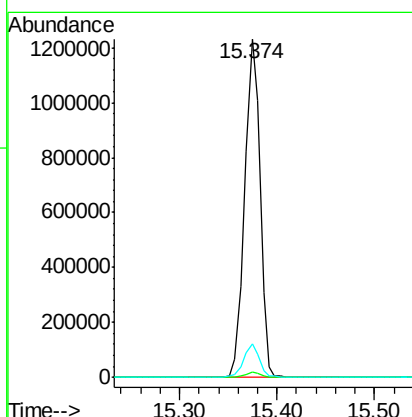
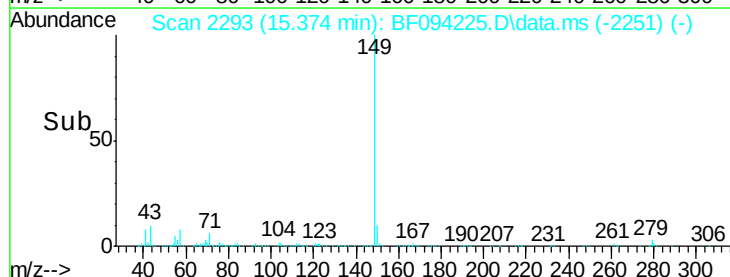
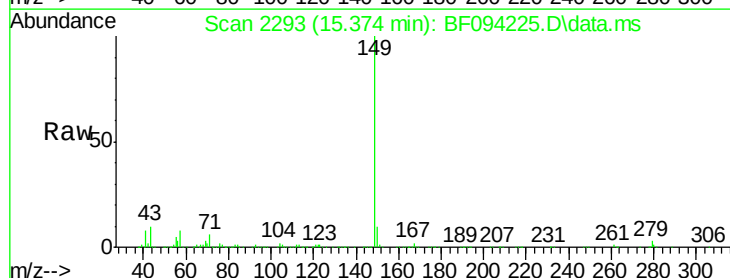
Instrument :
 BNA_F
 ClientSampleId :
 PB98085BS

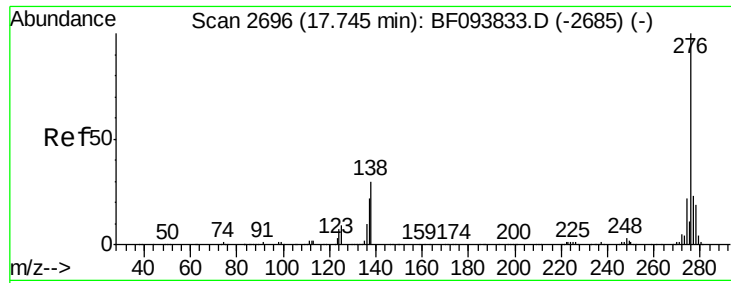
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.0	31.4
279	3.0	1.9	2.9#



#84
 Di-n-octyl phthalate
 Concen: 50.80 ng
 RT: 15.374 min Scan# 2293
 Delta R.T. -0.053 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.5	8.5	12.7

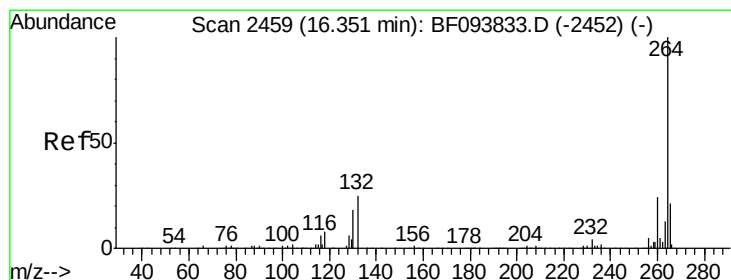
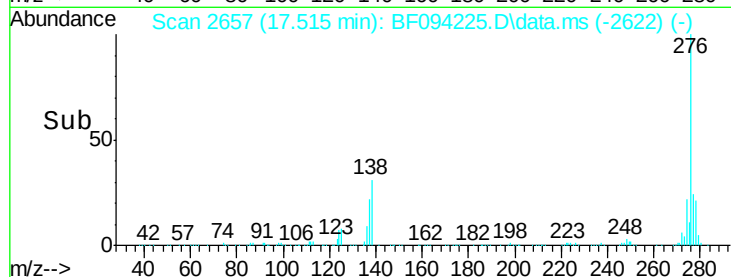
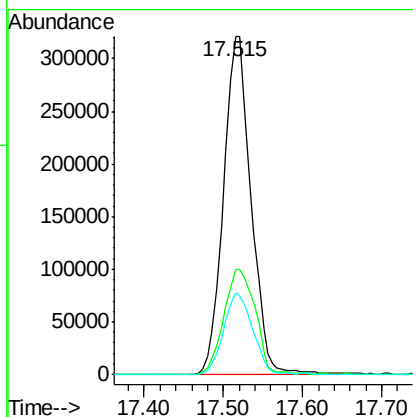
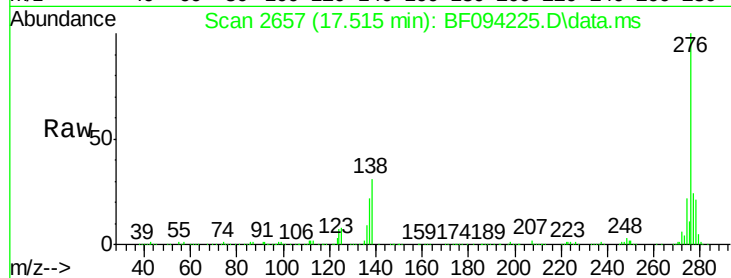




#85
Indeno(1,2,3-cd)pyrene
Concen: 43.50 ng
RT: 17.515 min Scan# 26
Delta R.T. -0.094 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

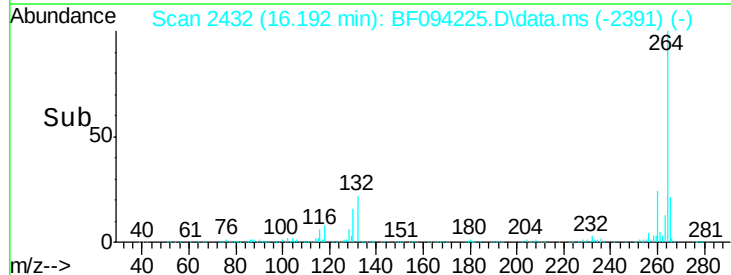
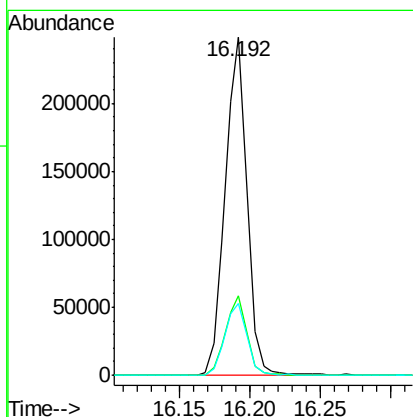
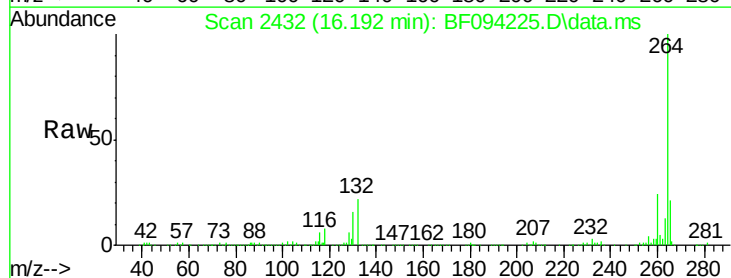
Instrument :
BNA_F
ClientSampleId :
PB98085BS

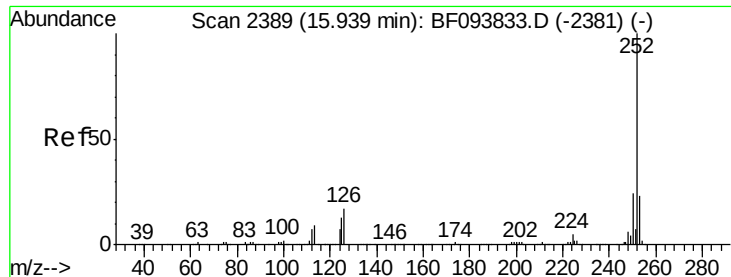
Tot Ion:276 Resp: 769257
Ion Ratio Lower Upper
276 100
138 35.6 27.8 41.6
277 25.3 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.192 min Scan# 2432
Delta R.T. -0.059 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tgt Ion:264 Resp: 266778
Ion Ratio Lower Upper
264 100
260 23.6 19.5 29.3
265 21.3 17.2 25.8

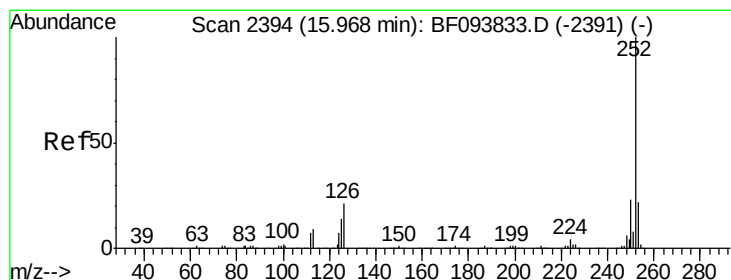
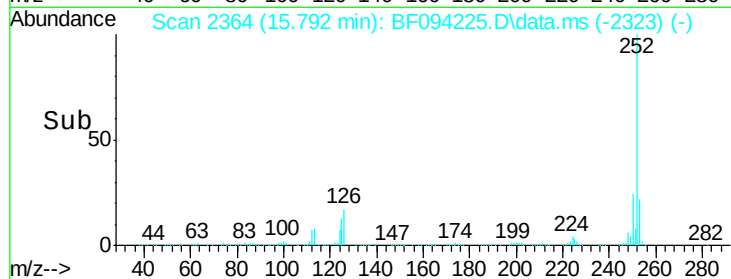
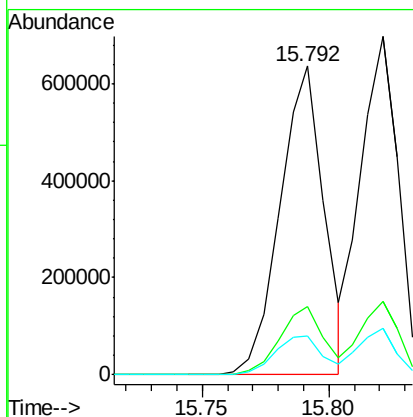
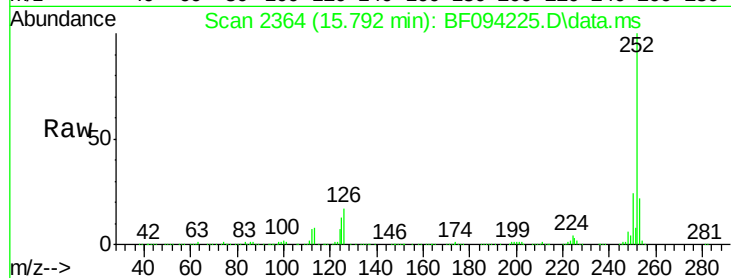




#87
Benzo(b)fluoranthene
Concen: 46.90 ng
RT: 15.792 min Scan# 2389
Delta R.T. -0.059 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

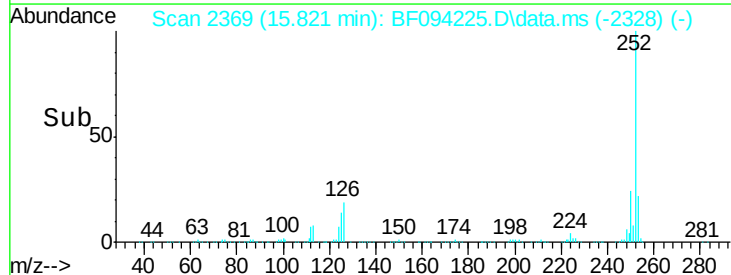
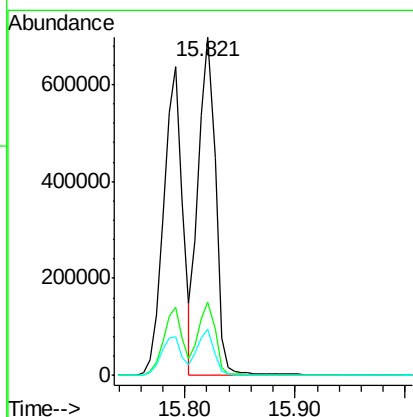
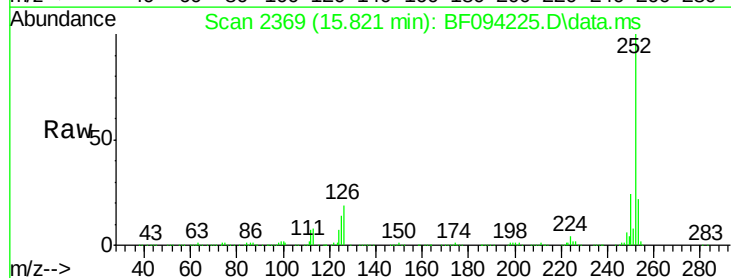
Instrument :
BNA_F
ClientSampleId :
PB98085BS

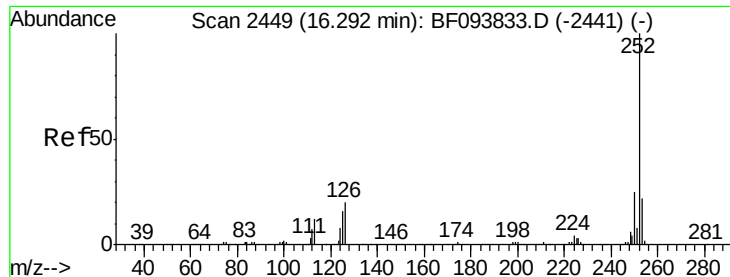
Tot Ion:252 Resp: 766899
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 12.6 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 46.13 ng
RT: 15.821 min Scan# 2369
Delta R.T. -0.059 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tgt Ion:252 Resp: 738028
Ion Ratio Lower Upper
252 100
253 21.6 18.4 27.6
125 13.7 13.1 19.7





#89

Benzo(a)pyrene

Concen: 46.69 ng

RT: 16.139 min Scan# 24

Delta R.T. -0.059 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

PB98085BS

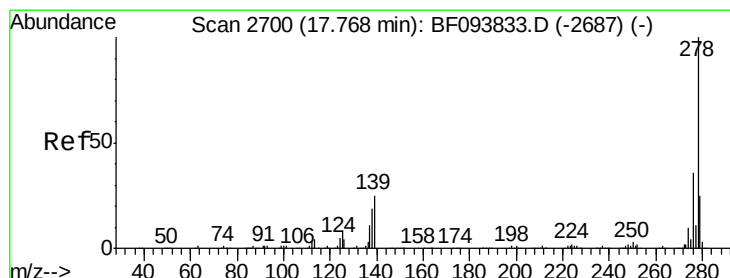
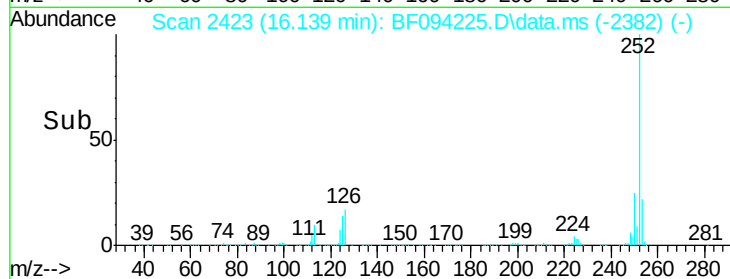
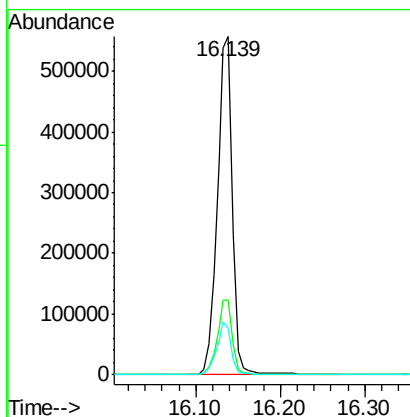
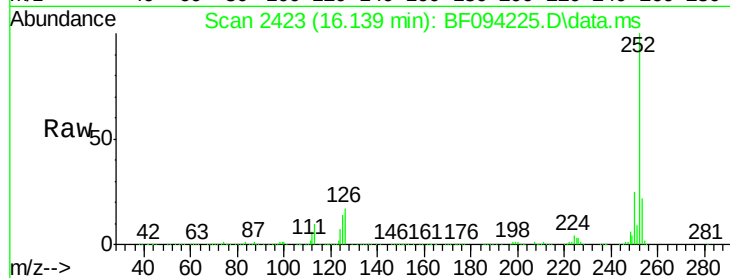
Tot Ion:252 Resp: 703133

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 13.8 11.0 16.4



#90

Dibenzo(a,h)anthracene

Concen: 50.15 ng

RT: 17.539 min Scan# 2661

Delta R.T. -0.094 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

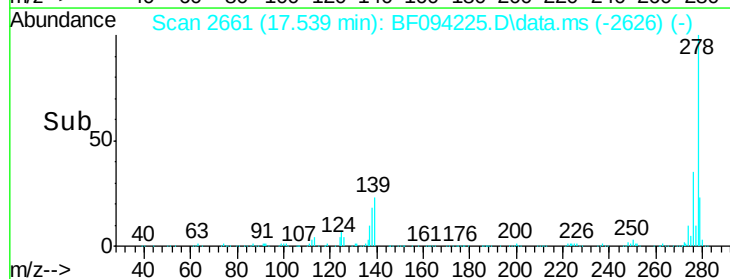
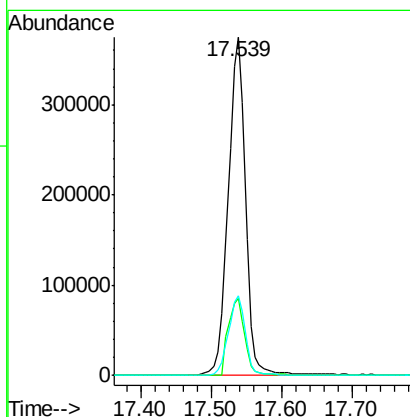
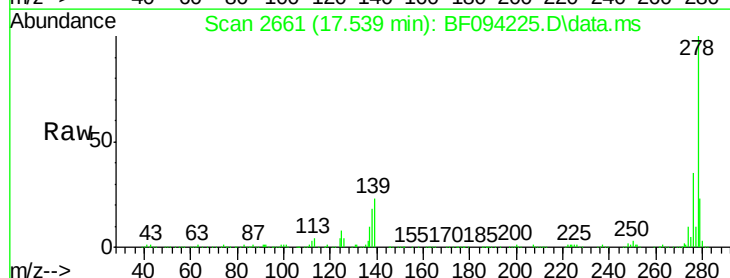
Tgt Ion:278 Resp: 639607

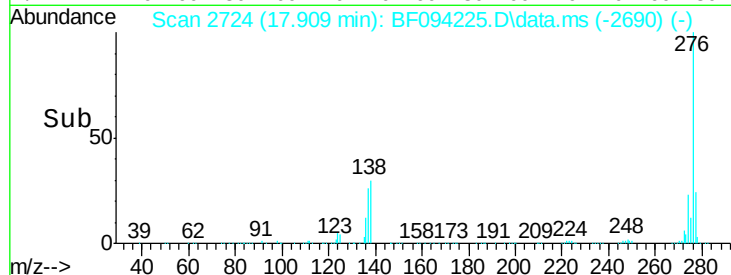
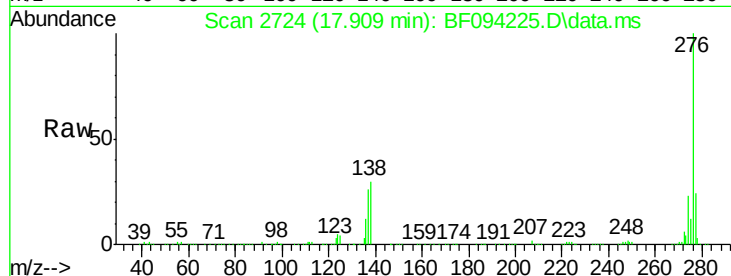
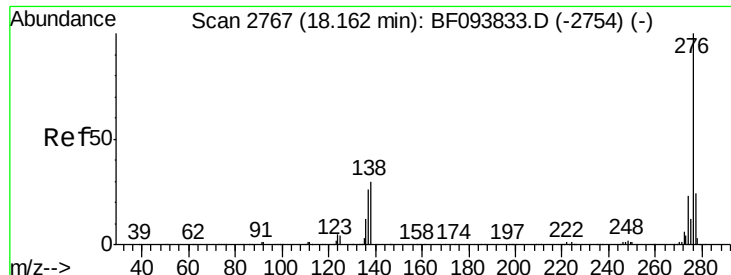
Ion Ratio Lower Upper

278 100

139 22.8 16.6 24.8

279 23.4 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 52.00 ng

RT: 17.909 min Scan# 27

Delta R.T. -0.100 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

PB98085BS

Tot Ion:276 Resp: 668357

Ion Ratio Lower Upper

276 100

277 24.4 18.6 28.0

138 30.3 25.4 38.0

