

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF094000.D
 Acq On : 28 Mar 2017 18:45
 Operator : SJ/MA
 Sample : PB97859BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97859BS

Quant Time: Mar 29 02:36:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	166473	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	671324	20.00	ng	-0.02
38) Acenaphthene-d10	9.57	164	315657	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	537127	20.00	ng	-0.02
75) Chrysene-d12	14.65	240	365585	20.00	ng	-0.03
86) Perylene-d12	16.28	264	284234	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	1205978	122.36	ng	0.00
7) Phenol-d6	5.55	99	1523224	124.93	ng	0.00
23) Nitrobenzene-d5	6.59	82	957633	81.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	342742	137.41	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	1799977	86.98	ng	-0.02
78) Terphenyl-d14	13.38	244	1427451	87.52	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.35	88	154314	32.59	ng	95
3) Pyridine	2.83	79	431253	33.42	ng	97
4) n-Nitrosodimethylamine	2.79	42	211084	39.75	ng	89
6) Aniline	5.56	93	427898	25.23	ng	# 1
8) 2-Chlorophenol	5.70	128	477610	44.09	ng	96
9) Benzaldehyde	5.42	77	100305	12.18	ng	98
10) Phenol	5.56	94	563940	40.64	ng	94
11) bis(2-Chloroethyl)ether	5.64	93	458086	42.25	ng	96
12) 1,3-Dichlorobenzene	5.86	146	505538	41.60	ng	99
13) 1,4-Dichlorobenzene	5.95	146	509760	41.42	ng	97
14) 1,2-Dichlorobenzene	6.13	146	472215	41.66	ng	95
15) Benzyl Alcohol	6.10	79	391462	43.86	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.26	45	626620	37.50	ng	97
17) 2-Methylphenol	6.24	107	400812	43.20	ng	97
18) Hexachloroethane	6.52	117	180409	41.70	ng	89
19) n-Nitroso-di-n-propylamine	6.42	70	330305	42.15	ng	97
20) 3+4-Methylphenols	6.42	107	506238	45.05	ng	# 64
22) Acetophenone	6.40	105	668190	44.66	ng	# 88
24) Nitrobenzene	6.60	77	492367	42.44	ng	95
25) Isophorone	6.89	82	907835	43.92	ng	96
26) 2-Nitrophenol	6.98	139	273289	49.39	ng	99
27) 2,4-Dimethylphenol	7.05	122	445814	46.76	ng	98
28) bis(2-Chloroethoxy)methane	7.15	93	586320	43.01	ng	99
29) 2,4-Dichlorophenol	7.27	162	427751	47.99	ng	98
30) 1,2,4-Trichlorobenzene	7.37	180	406255	44.25	ng	99
31) Naphthalene	7.46	128	1361848	42.19	ng	99
32) Benzoic acid	7.22	122	312868	49.30	ng	98
33) 4-Chloroaniline	7.53	127	218653	16.71	ng	95
34) Hexachlorobutadiene	7.62	225	207392	44.05	ng	99
35) Caprolactam	7.99	113	84604	29.76	ng	94
36) 4-Chloro-3-methylphenol	8.15	107	447556	48.05	ng	91
37) 2-Methylnaphthalene	8.30	142	975086	45.31	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	354589	41.06	ng	99
40) Hexachlorocyclopentadiene	8.50	237	371882	92.03	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF094000.D
 Acq On : 28 Mar 2017 18:45
 Operator : SJ/MA
 Sample : PB97859BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97859BS

Quant Time: Mar 29 02:36:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

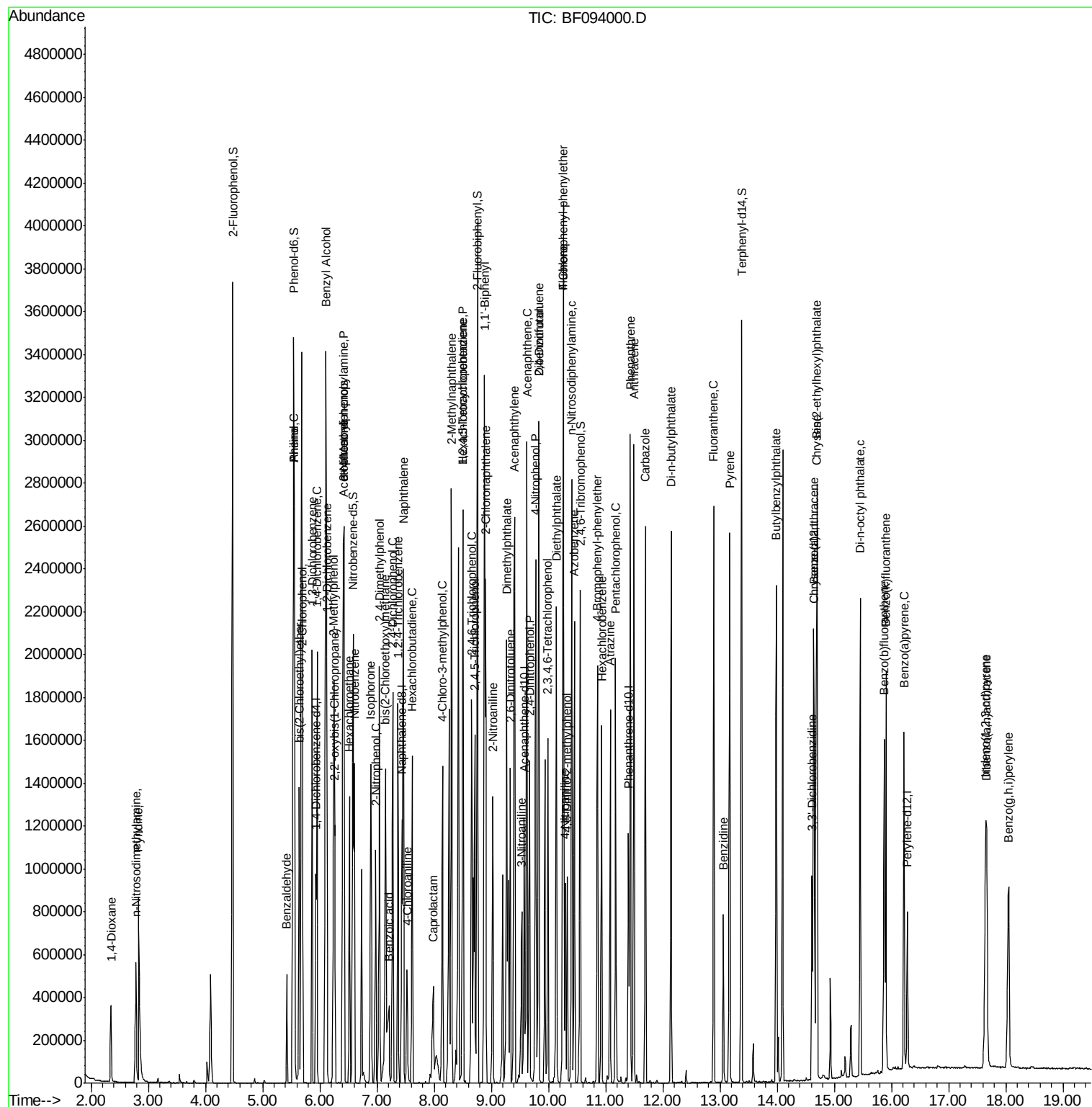
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	291289	47.68	nq	99
43) 2,4,5-Trichlorophenol	8.71	196	295237	44.66	nq	95
45) 1,1'-Biphenyl	8.88	154	1093503	42.95	nq	98
46) 2-Chloronaphthalene	8.90	162	861838	43.24	nq	# 93
47) 2-Nitroaniline	9.03	65	258710	43.76	nq	# 83
48) Acenaphthylene	9.40	152	1364385	41.19	nq	99
49) Dimethylphthalate	9.27	163	1038157	46.27	nq	100
50) 2,6-Dinitrotoluene	9.33	165	234811	45.65	nq	91
51) Acenaphthene	9.62	154	808213	41.82	nq	99
52) 3-Nitroaniline	9.53	138	146991	24.34	nq	90
53) 2,4-Dinitrophenol	9.67	184	236837	85.69	nq	# 70
54) Dibenzofuran	9.83	168	1171725	44.53	nq	98
55) 4-Nitrophenol	9.78	139	368255	77.85	nq	# 73
56) 2,4-Dinitrotoluene	9.83	165	285568	44.20	nq	# 70
57) Fluorene	10.25	166	880609	40.36	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	220036	48.51	nq	97
59) Diethylphthalate	10.14	149	1018385	45.92	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	387920	41.73	nq	95
61) 4-Nitroaniline	10.29	138	241848	41.73	nq	95
62) Azobenzene	10.46	77	969229	46.20	nq	94
64) 4,6-Dinitro-2-methylphenol	10.33	198	153010	46.51	nq	# 66
65) n-Nitrosodiphenylamine	10.41	169	851334	45.83	nq	100
66) 4-Bromophenyl-phenylether	10.86	248	244688	46.32	nq	98
67) Hexachlorobenzene	10.93	284	248506	46.47	nq	# 84
68) Atrazine	11.08	200	245486	44.12	nq	96
69) Pentachlorophenol	11.18	266	260929	78.39	nq	97
70) Phenanthrene	11.43	178	1290740	43.20	nq	99
71) Anthracene	11.50	178	1329447	43.21	nq	100
72) Carbazole	11.70	167	1220589	38.69	nq	99
73) Di-n-butylphthalate	12.15	149	1551091	47.28	nq	100
74) Fluoranthene	12.89	202	1273353	41.62	nq	99
76) Benzidine	13.06	184	312933	21.63	nq	# 92
77) Pyrene	13.17	202	1280462	48.26	nq	99
79) Butylbenzylphthalate	13.99	149	620689	54.91	nq	# 85
80) Benzo(a)anthracene	14.64	228	953199	44.71	nq	99
81) 3,3'-Dichlorobenzidine	14.61	252	193119	25.34	nq	# 97
82) Chrysene	14.69	228	832101	42.06	nq	100
83) Bis(2-ethylhexyl)phthalate	14.70	149	856541	55.54	nq	100
84) Di-n-octyl phthalate	15.46	149	1379724	53.55	nq	97
85) Indeno(1,2,3-cd)pyrene	17.64	276	783710	45.74	nq	100
87) Benzo(b)fluoranthene	15.87	252	775067	44.49	nq	99
88) Benzo(k)fluoranthene	15.90	252	741005	43.47	nq	# 96
89) Benzo(a)pyrene	16.22	252	729401	45.46	nq	99
90) Dibenzo(a,h)anthracene	17.67	278	653423	48.09	nq	98
91) Benzo(g,h,i)perylene	18.05	276	636518	46.48	nq	97

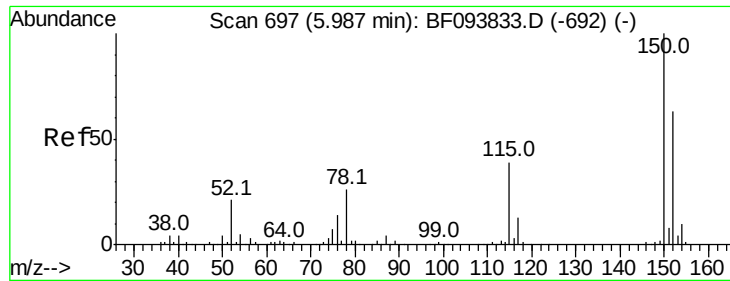
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF094000.D
 Acq On : 28 Mar 2017 18:45
 Operator : SJ/MA
 Sample : PB97859BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 Client Sample ID :
 PB97859BS

Quant Time: Mar 29 02:36:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.93 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

ClientSampleId :

PB97859BS

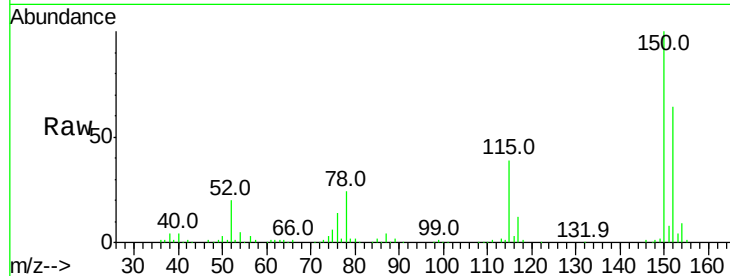
Tot Ion:152 Resp: 166473

Ion Ratio Lower Upper

152 100

150 157.1 126.2 189.2

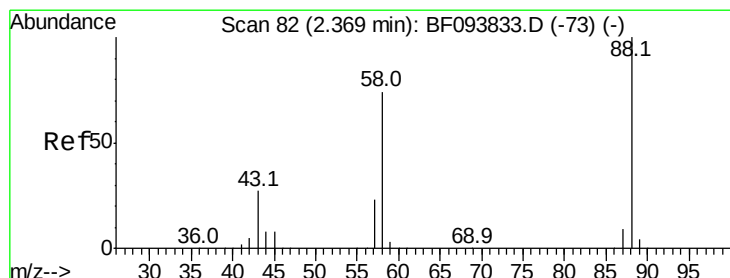
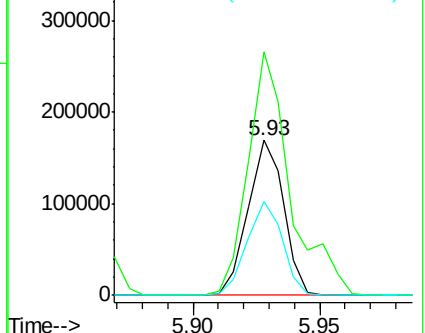
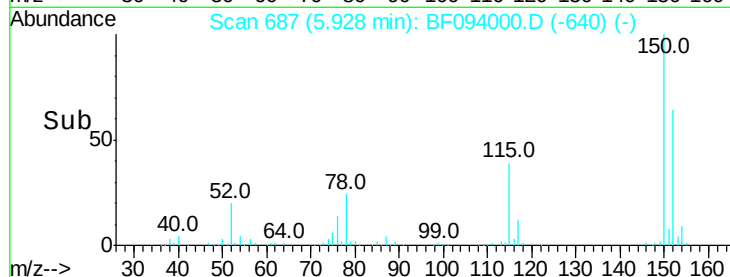
115 60.5 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.59 ng

RT: 2.35 min Scan# 78

Delta R.T. 0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

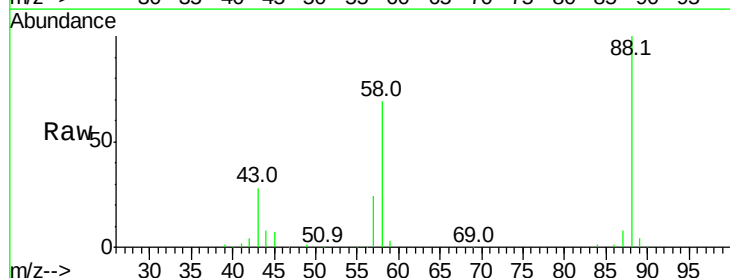
Tgt Ion: 88 Resp: 154314

Ion Ratio Lower Upper

88 100

58 71.7 61.4 92.0

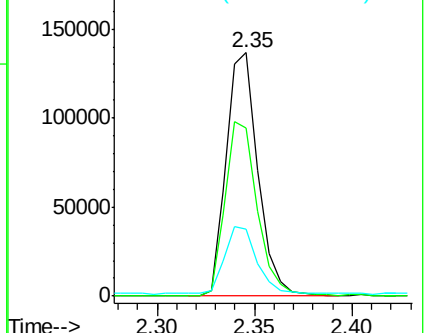
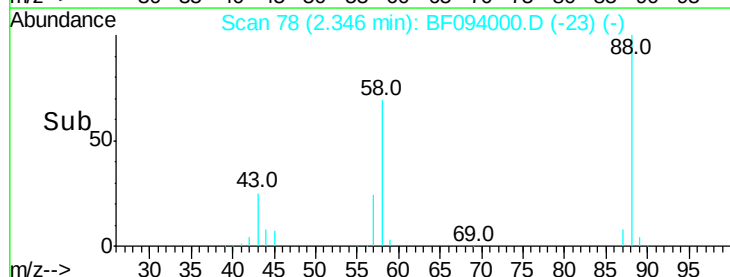
43 28.5 23.4 35.0

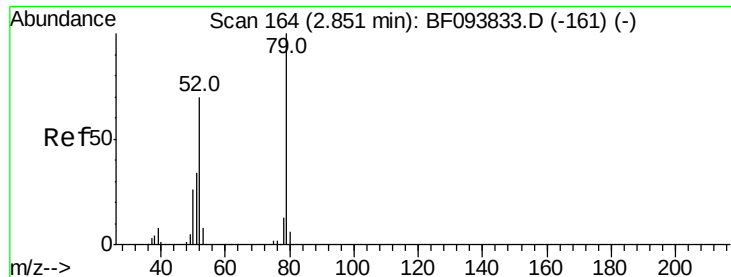


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 33.42 ng

RT: 2.83 min Scan# 160

Delta R.T. 0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

ClientSampleId :

PB97859BS

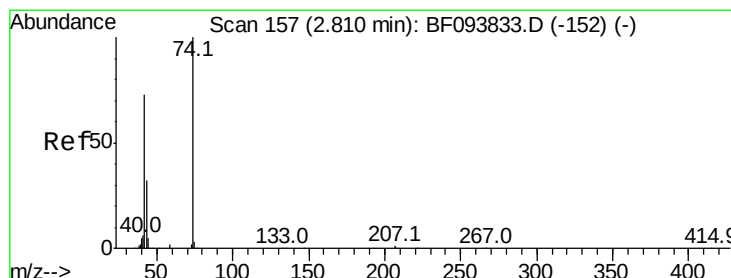
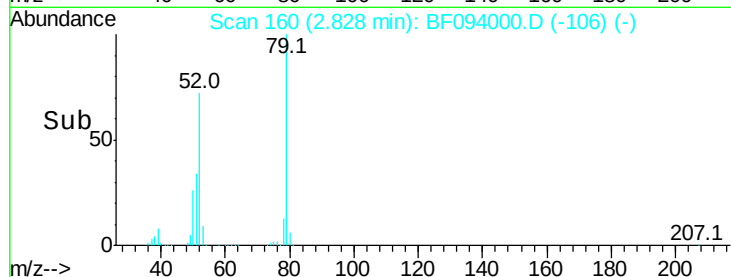
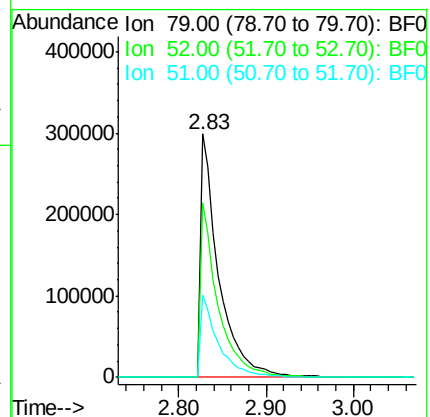
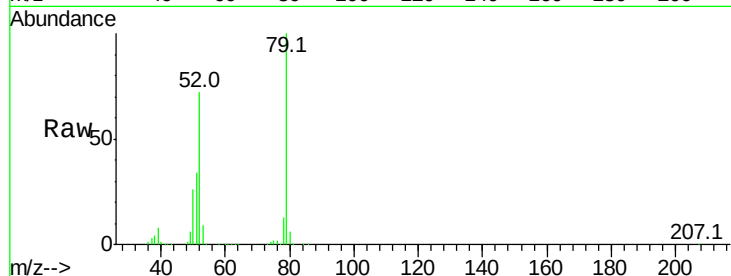
Tot Ion: 79 Resp: 431253

Ion Ratio Lower Upper

79 100

52 71.7 54.8 82.2

51 33.8 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 39.75 ng

RT: 2.79 min Scan# 153

Delta R.T. 0.01 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

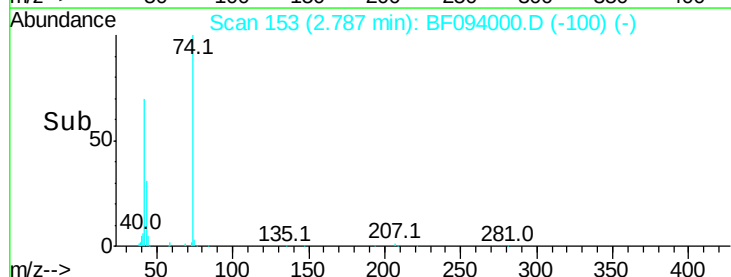
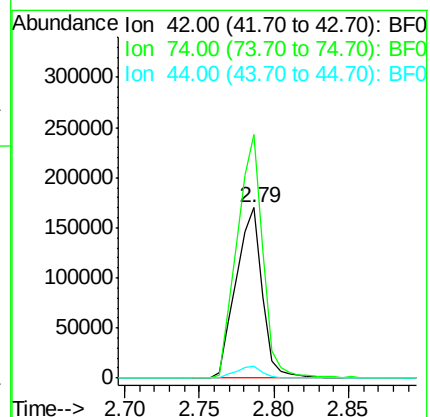
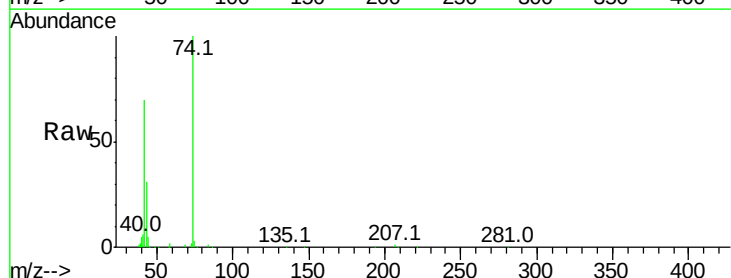
Tgt Ion: 42 Resp: 211084

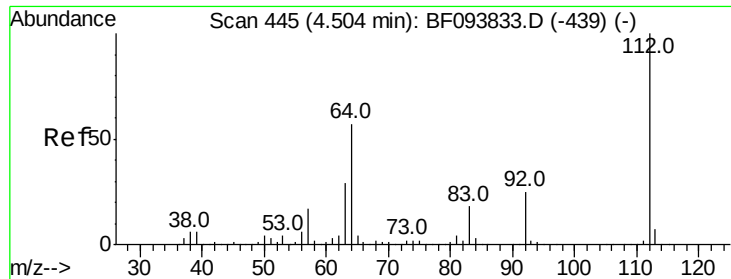
Ion Ratio Lower Upper

42 100

74 143.0 103.9 155.9

44 7.3 5.7 8.5





#5

2-Fluorophenol

Concen: 122.36 ng

RT: 4.47 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

ClientSampled :

PB97859BS

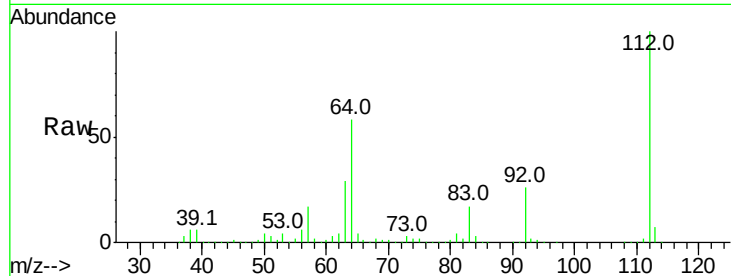
Tot Ion:112 Resp: 1205978

Ion Ratio Lower Upper

112 100

64 57.9 46.0 69.0

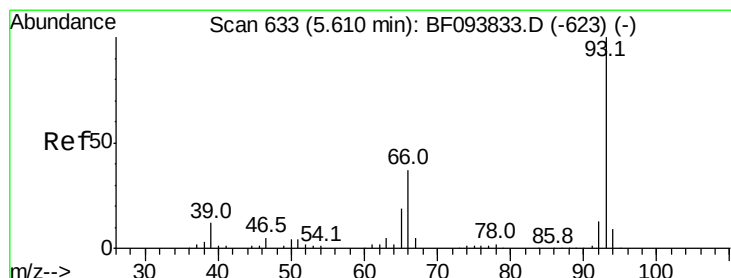
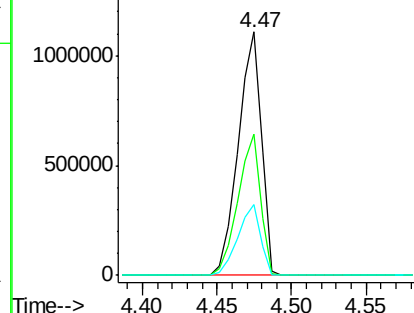
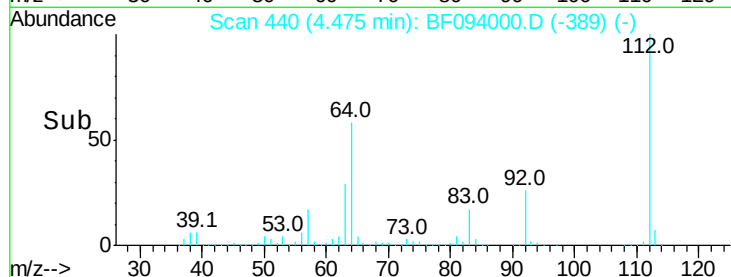
63 28.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.23 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

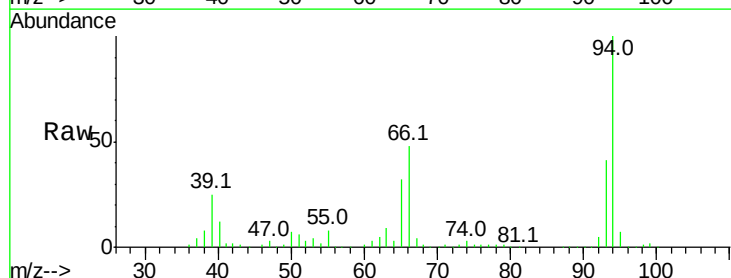
Tgt Ion: 93 Resp: 427898

Ion Ratio Lower Upper

93 100

66 116.2 32.9 49.3#

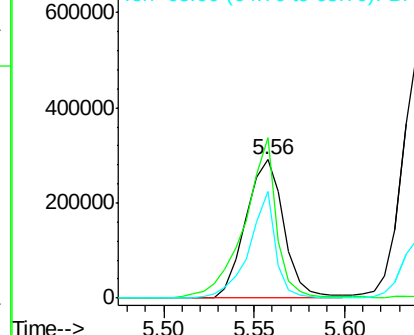
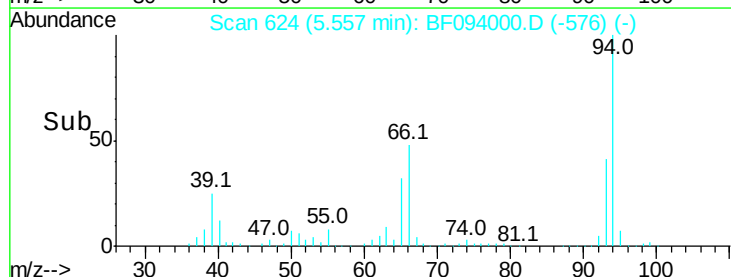
65 77.3 16.0 24.0#

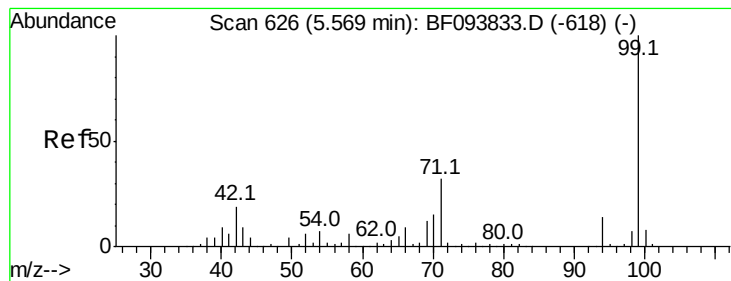


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.93 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

ClientSampleId :

PB97859BS

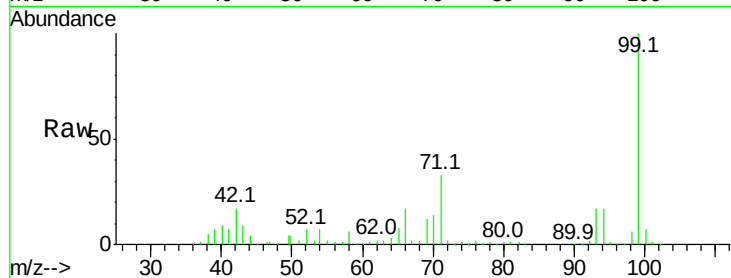
Tot Ion: 99 Resp: 1523224

Ion Ratio Lower Upper

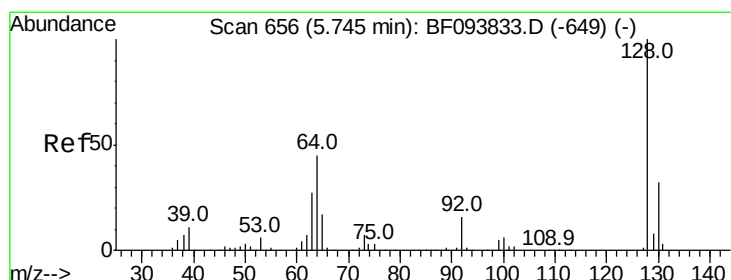
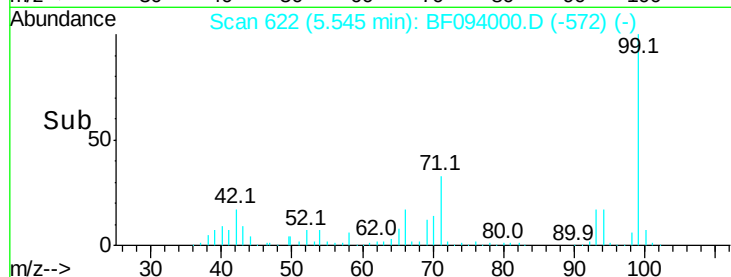
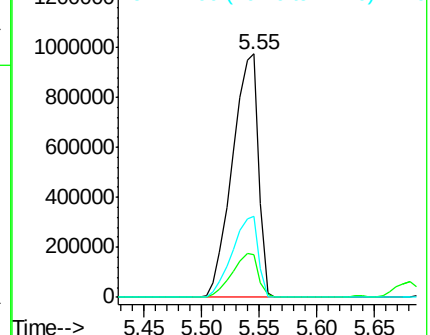
99 100

42 17.4 13.5 20.3

71 33.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.09 ng

RT: 5.70 min Scan# 648

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

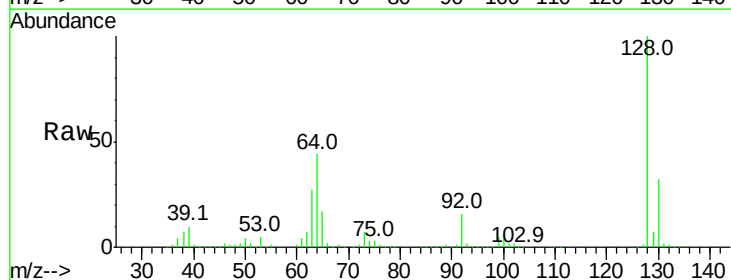
Tgt Ion:128 Resp: 477610

Ion Ratio Lower Upper

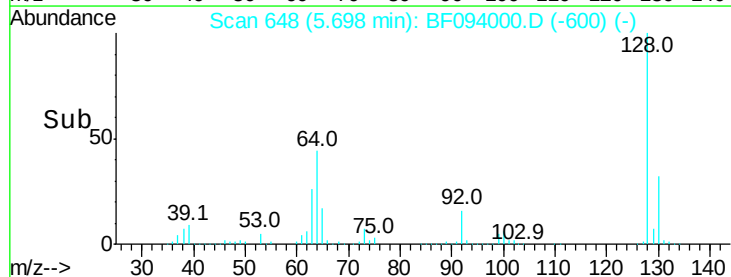
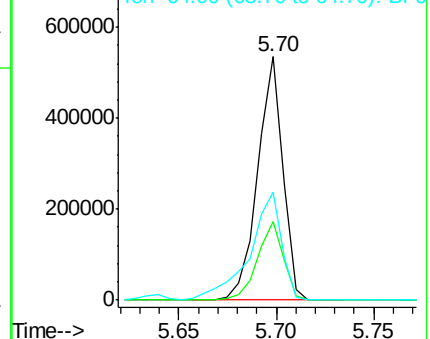
128 100

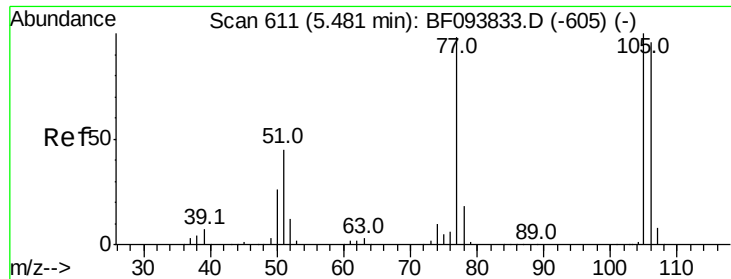
130 32.4 12.9 52.9

64 44.4 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.18 ng

RT: 5.42 min Scan# 601

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

ClientSampleID :

PB97859BS

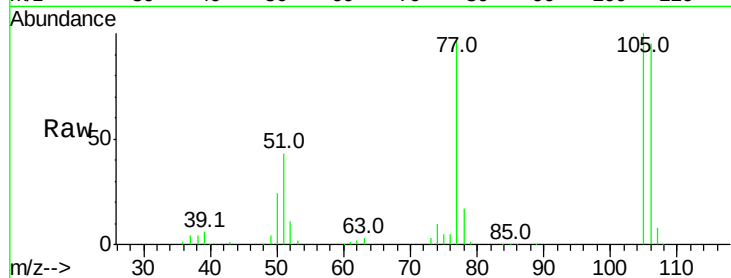
Tot Ion: 77 Resp: 100305

Ion Ratio Lower Upper

77 100

105 102.6 83.8 123.8

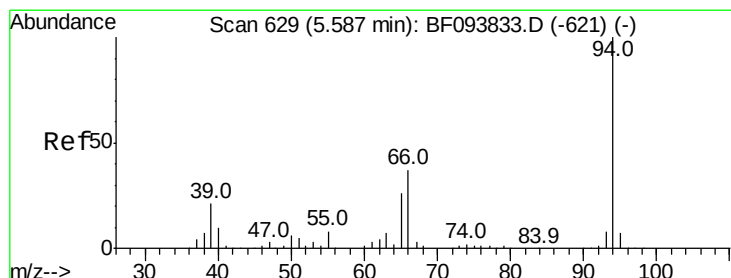
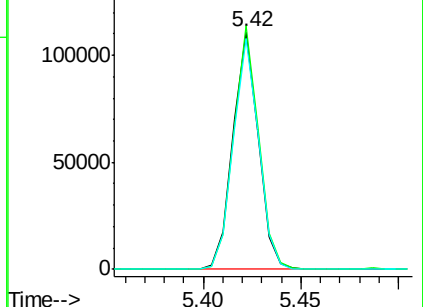
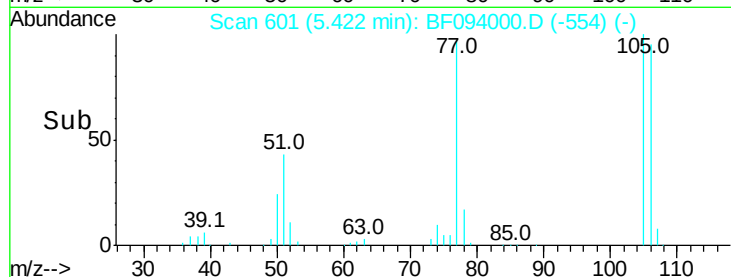
106 97.1 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.64 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

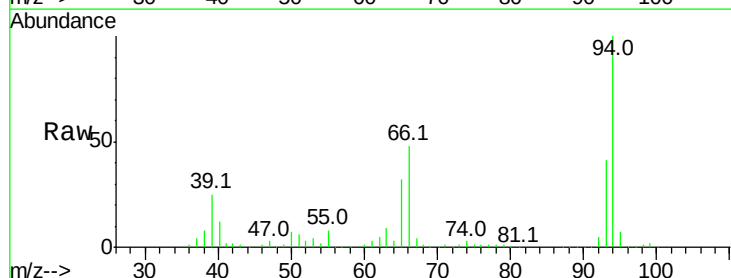
Tgt Ion: 94 Resp: 563940

Ion Ratio Lower Upper

94 100

65 32.1 9.9 49.9

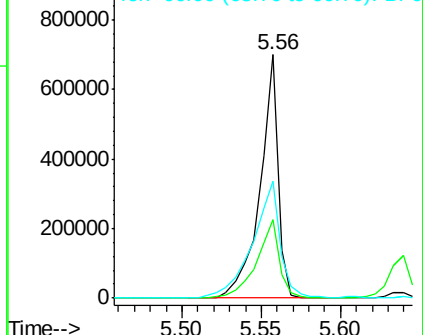
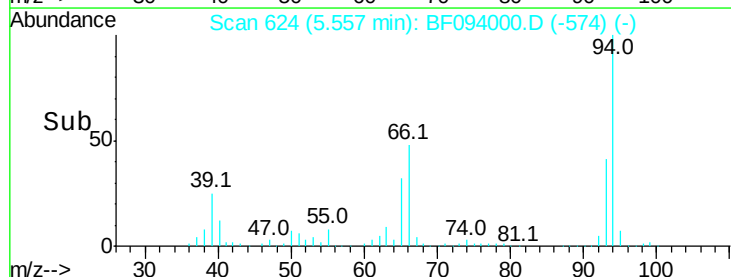
66 48.2 23.1 63.1

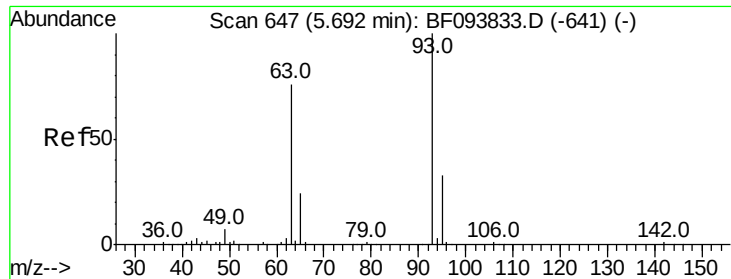


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

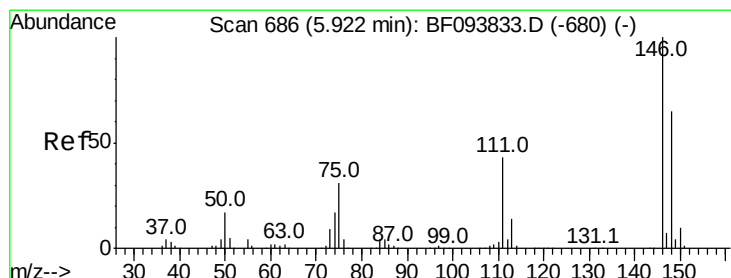
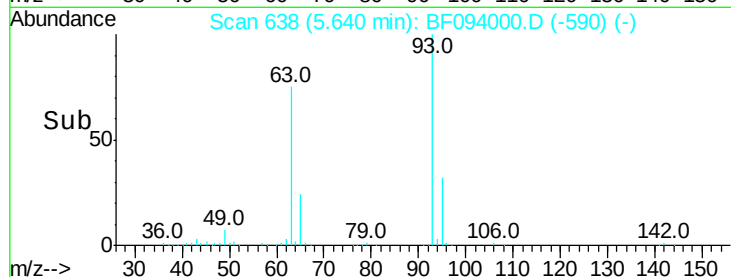
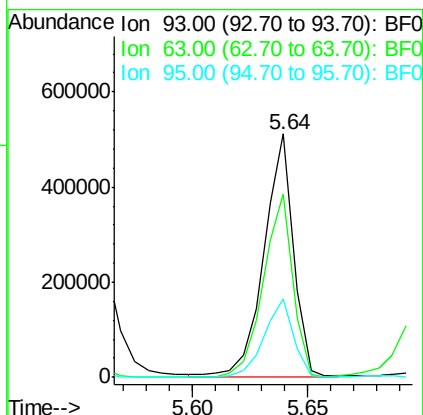
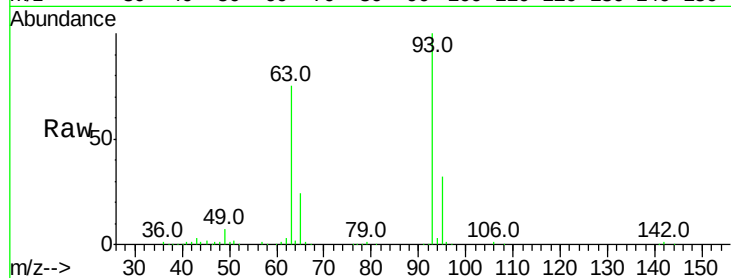




#11
bis(2-Chloroethyl)ether
Concen: 42.25 ng
RT: 5.64 min Scan# 638
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

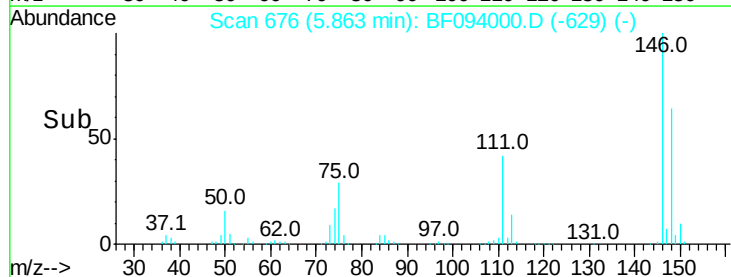
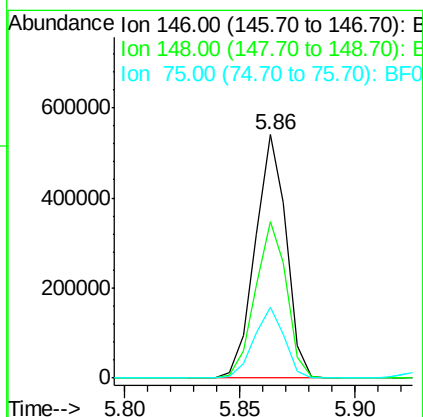
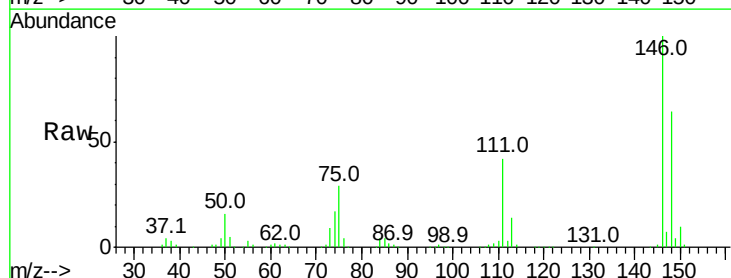
Instrument :
BNA_F
ClientSampleId :
PB97859BS

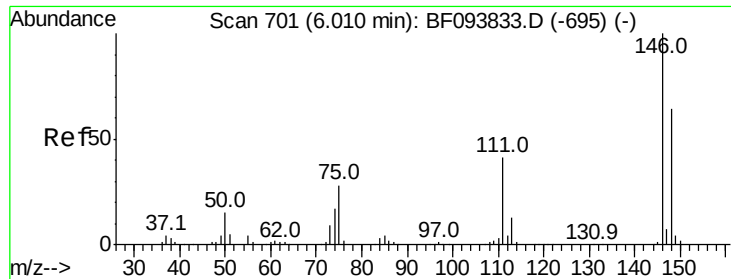
Tot Ion: 93 Resp: 458086
Ion Ratio Lower Upper
93 100
63 75.1 59.2 99.2
95 32.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.60 ng
RT: 5.86 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Tgt Ion: 146 Resp: 505538
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.6
75 29.0 23.1 34.7

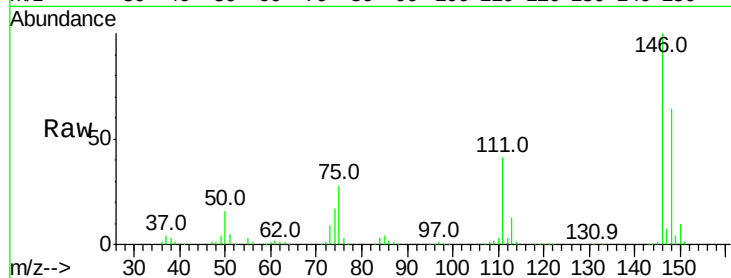




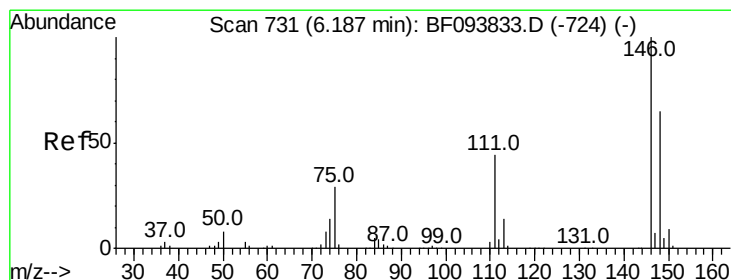
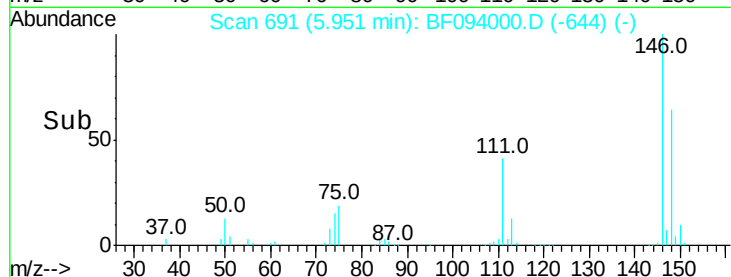
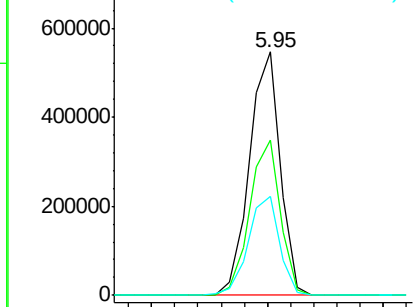
#13
 1,4-Dichlorobenzene
 Concen: 41.42 ng
 RT: 5.95 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97859BS

Tot Ion:146 Resp: 509760
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.2 78.2
 111 40.7 30.3 45.5

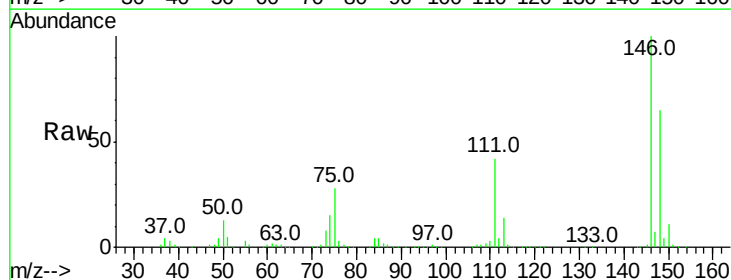


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

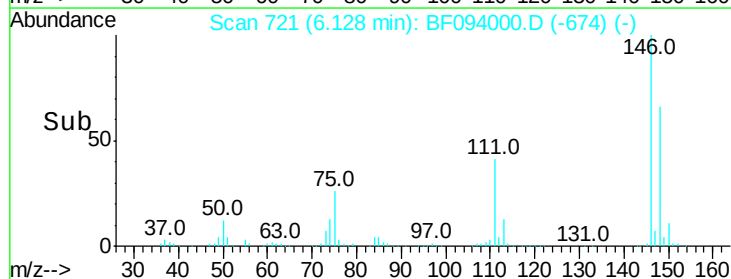
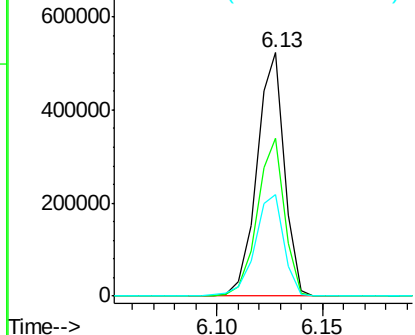


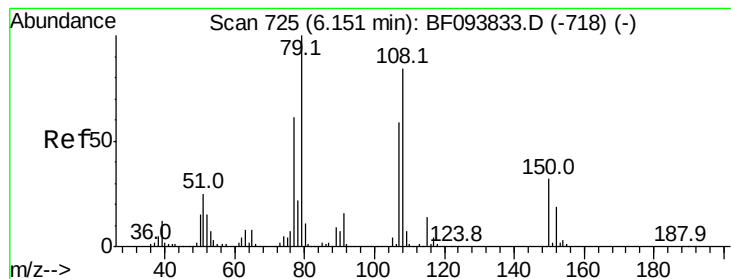
#14
 1,2-Dichlorobenzene
 Concen: 41.66 ng
 RT: 6.13 min Scan# 721
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Tgt Ion:146 Resp: 472215
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.4 75.6
 111 41.7 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.86 ng

RT: 6.10 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

ClientSampleId :

PB97859BS

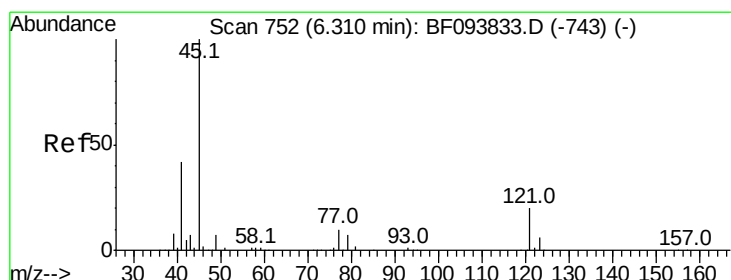
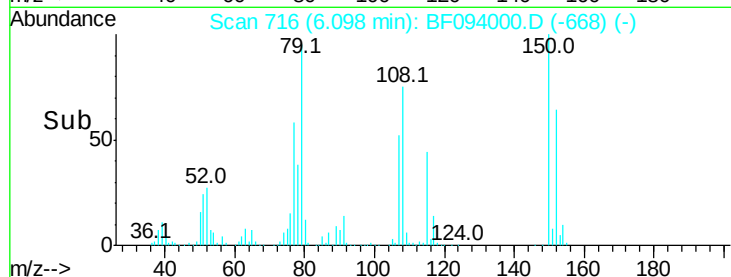
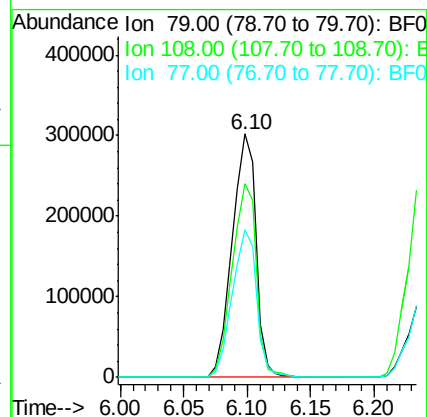
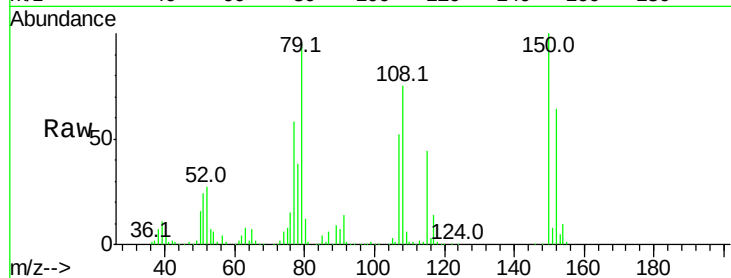
Tot Ion: 79 Resp: 391462

Ion Ratio Lower Upper

79 100

108 79.5 63.4 95.0

77 60.8 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.50 ng

RT: 6.26 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

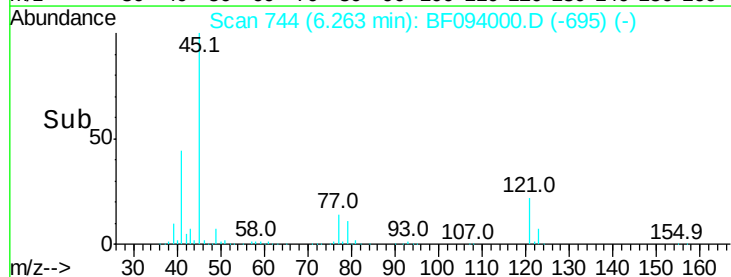
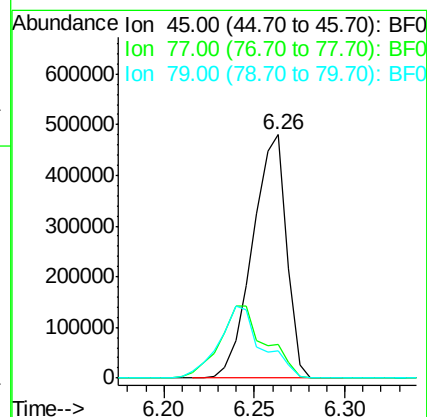
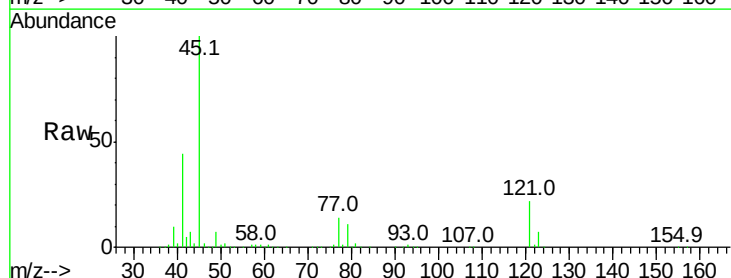
Tgt Ion: 45 Resp: 626620

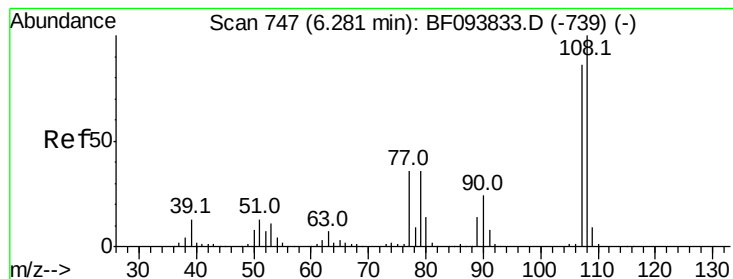
Ion Ratio Lower Upper

45 100

77 14.1 0.0 33.2

79 11.2 0.0 30.0





#17

2-Methylphenol

Concen: 43.20 ng

RT: 6.24 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

ClientSampleId :

PB97859BS

Tot Ion:107 Resp: 400812

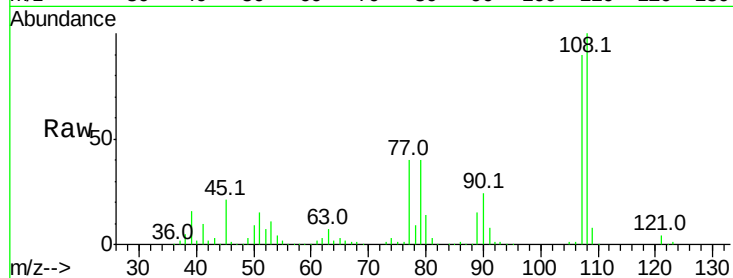
Ion Ratio Lower Upper

107 100

108 111.5 93.4 140.0

77 45.0 35.8 53.6

79 44.6 34.8 52.2

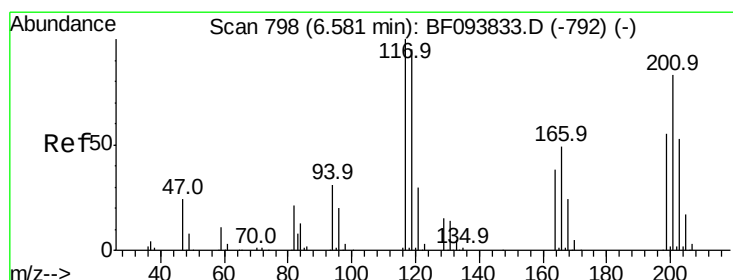
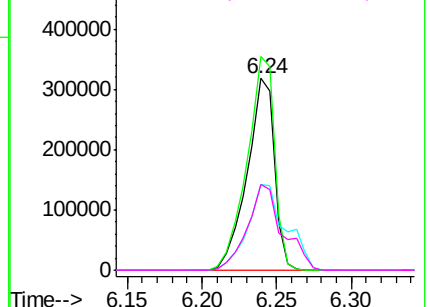
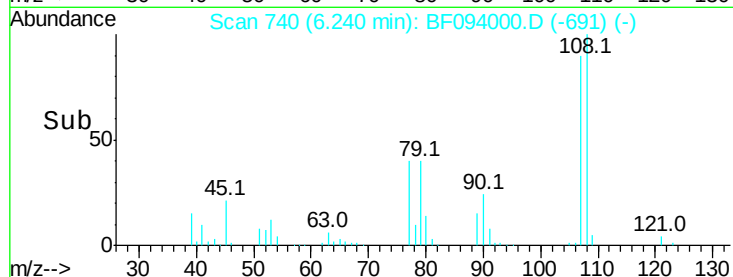


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.70 ng

RT: 6.52 min Scan# 788

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

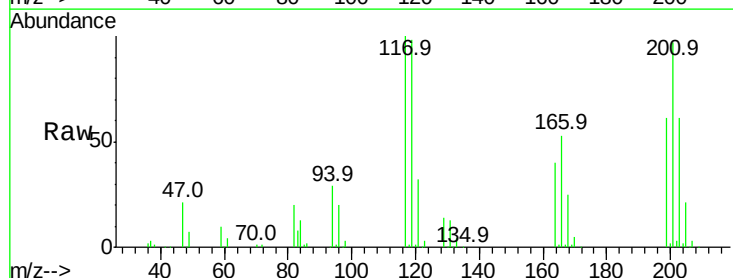
Tgt Ion:117 Resp: 180409

Ion Ratio Lower Upper

117 100

119 98.1 77.4 116.0

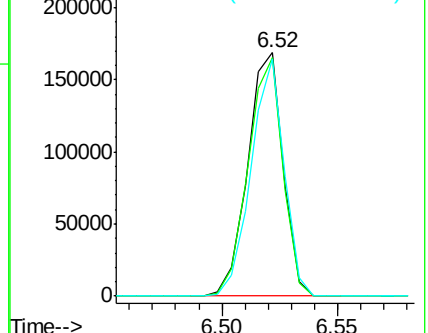
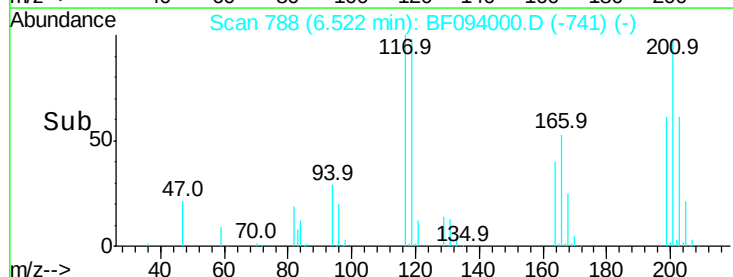
201 97.3 94.6 141.8

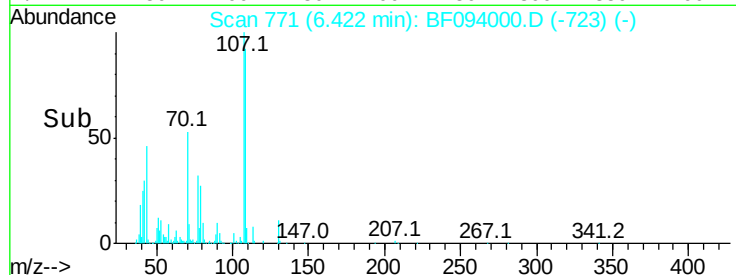
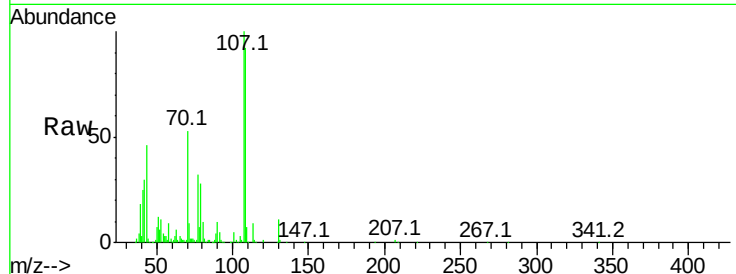
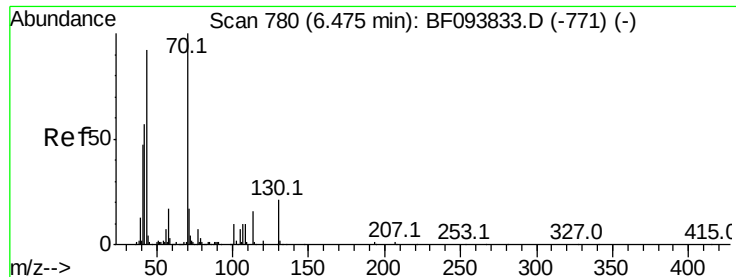


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 42.15 ng

RT: 6.42 min Scan# 771

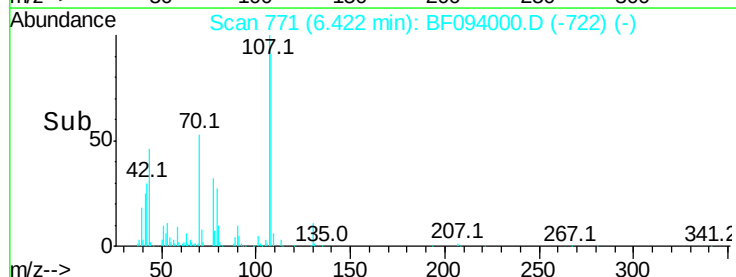
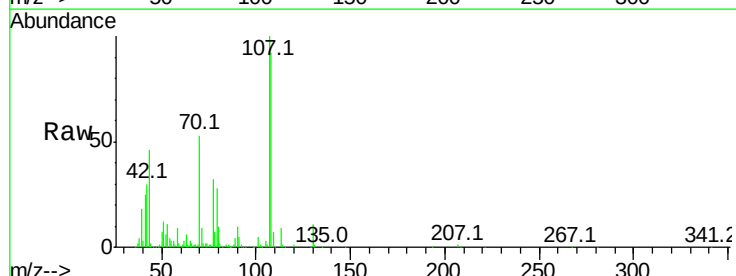
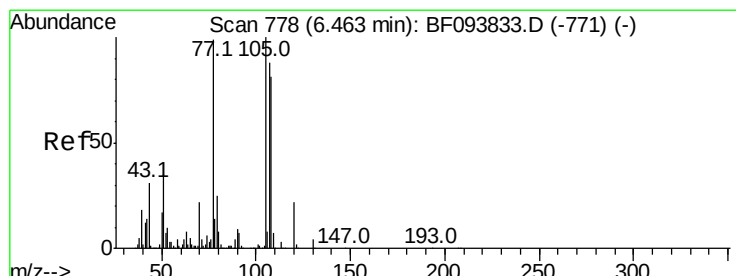
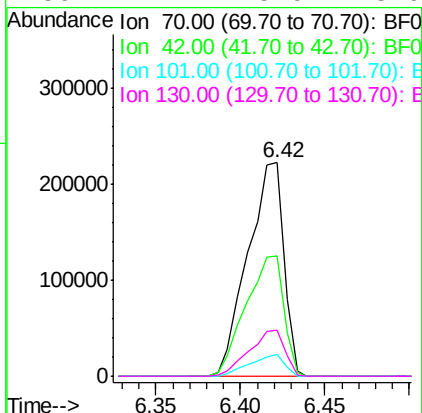
Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :
BNA_F
ClientSampleId :
PB97859BS

Tot Ion:	70	Resp:	330305
Ion	Ratio	Lower	Upper
70	100		
42	56.4	47.2	70.8
101	10.0	7.2	10.8
130	21.7	15.9	23.9



#20

3+4-Methylphenols

Concen: 45.05 ng

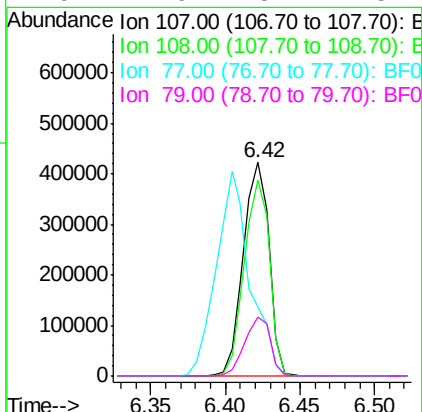
RT: 6.42 min Scan# 771

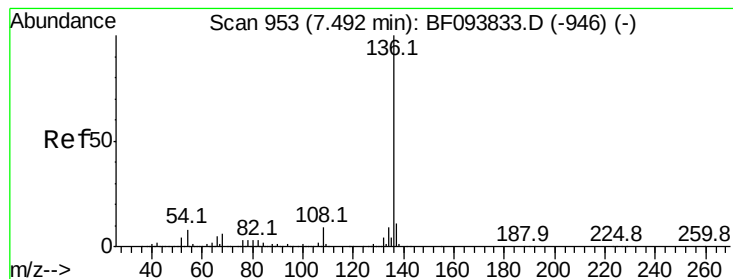
Delta R.T. -0.01 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Tgt Ion:	107	Resp:	506238
Ion	Ratio	Lower	Upper
107	100		
108	91.6	71.0	111.0
77	32.3	90.5	130.5#
79	27.6	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.43 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

ClientSampleId :

PB97859BS

Tot Ion:136 Resp: 671324

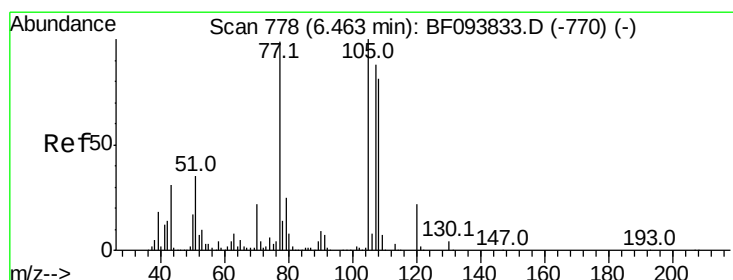
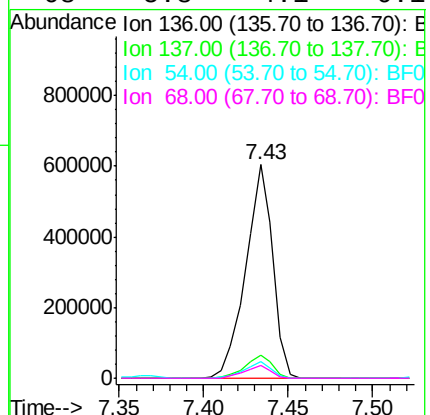
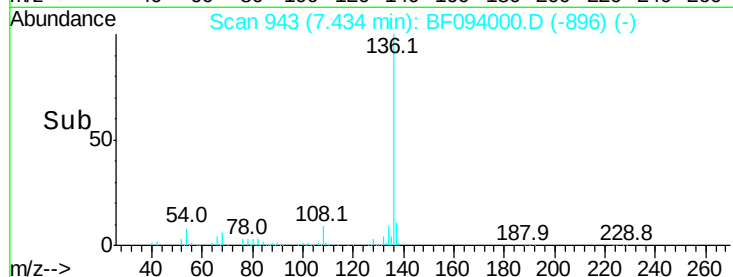
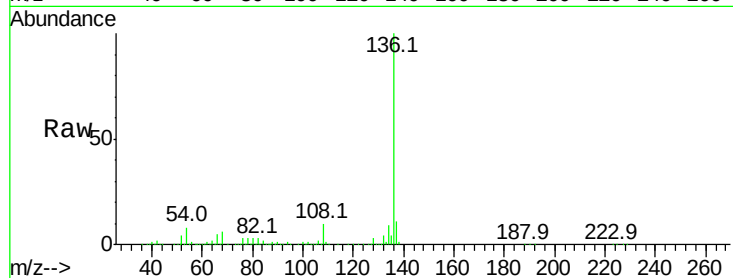
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.7 4.9 7.3#

68 5.8 4.1 6.1



#22

Acetophenone

Concen: 44.66 ng

RT: 6.40 min Scan# 768

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Tgt Ion:105 Resp: 668190

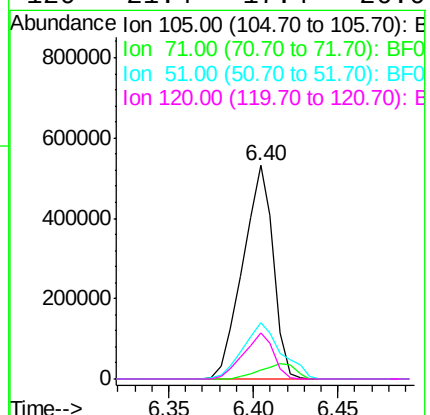
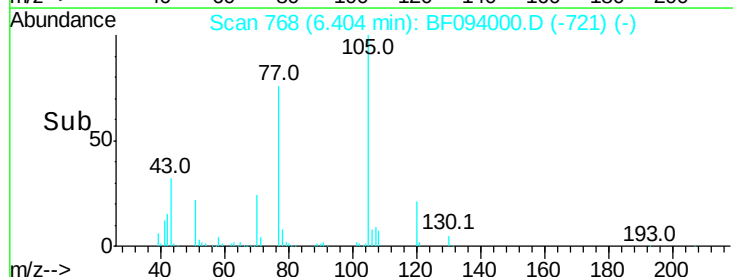
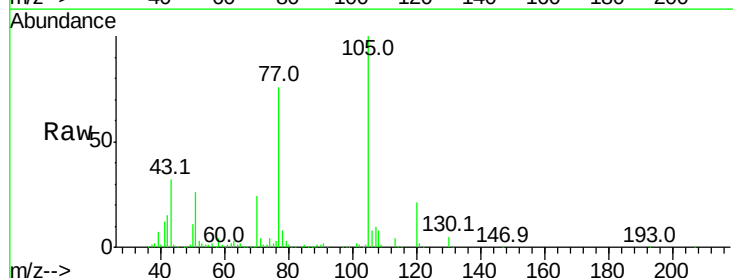
Ion Ratio Lower Upper

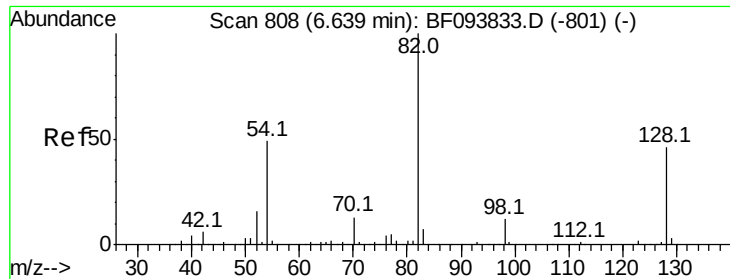
105 100

71 4.0 2.8 4.2

51 26.4 30.7 46.1#

120 21.4 17.4 26.0

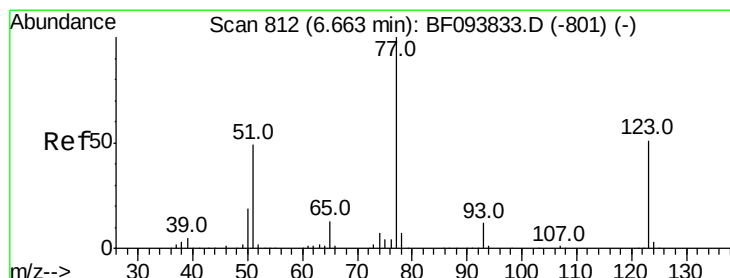
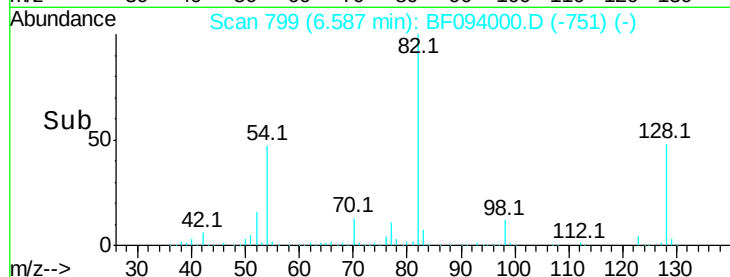
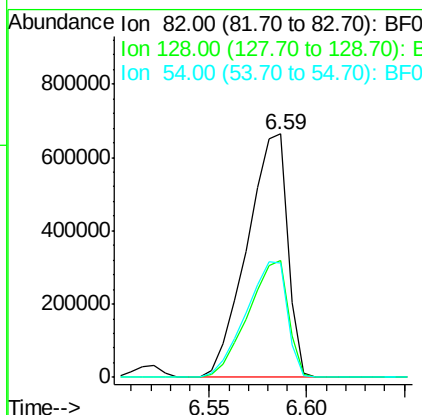
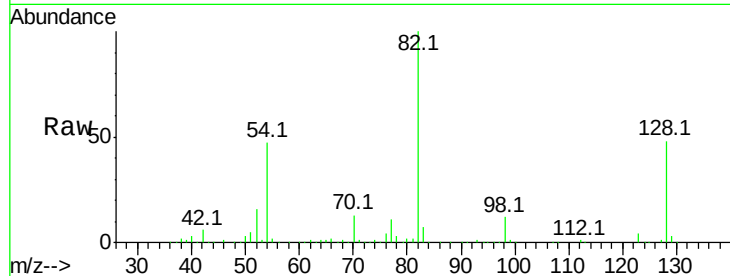




#23
 Nitrobenzene-d5
 Concen: 81.41 ng
 RT: 6.59 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

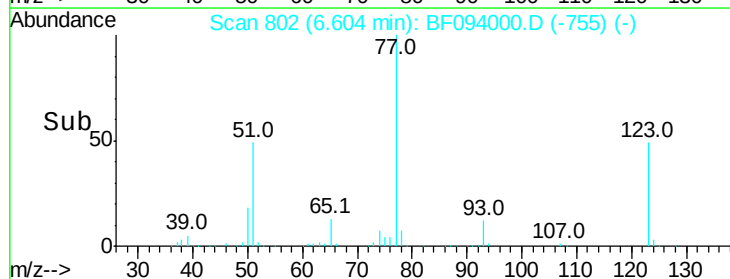
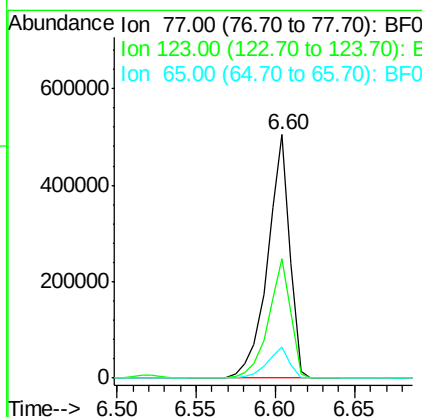
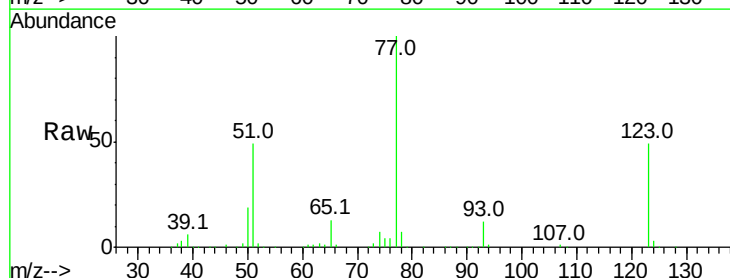
Instrument :
 BNA_F
 ClientSampleId :
 PB97859BS

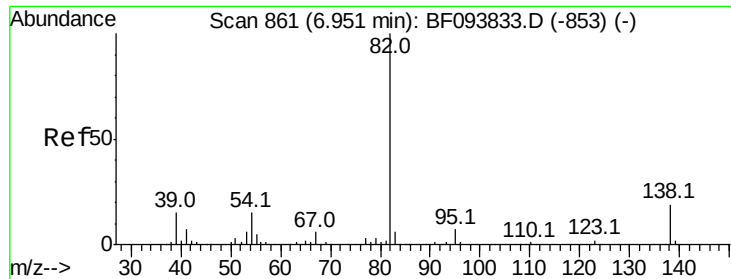
Tot Ion: 82 Resp: 957633
 Ion Ratio Lower Upper
 82 100
 128 48.1 34.0 51.0
 54 46.9 42.2 63.2



#24
 Nitrobenzene
 Concen: 42.44 ng
 RT: 6.60 min Scan# 802
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Tgt Ion: 77 Resp: 492367
 Ion Ratio Lower Upper
 77 100
 123 49.2 35.8 53.8
 65 12.8 10.6 15.8





#25

Isophorone

Concen: 43.92 ng

RT: 6.89 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

ClientSampleId :

PB97859BS

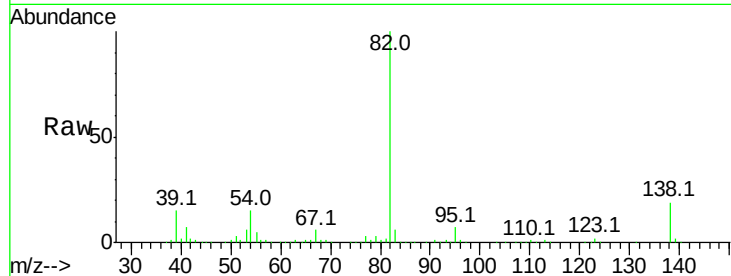
Tot Ion: 82 Resp: 907835

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

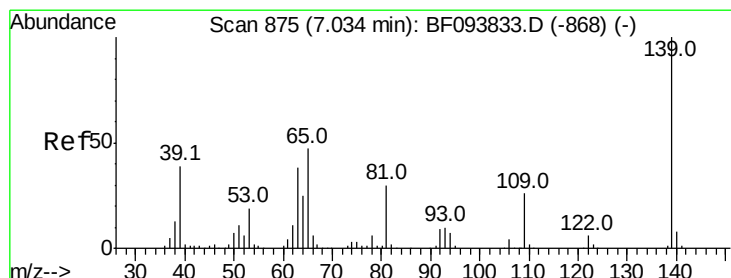
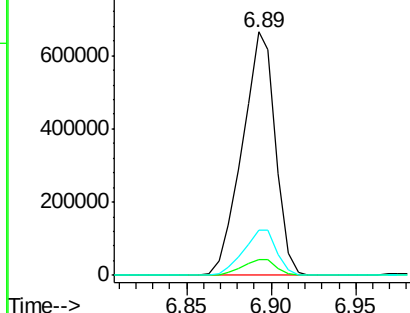
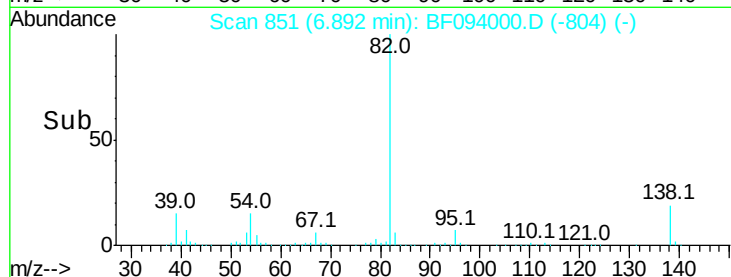
138 18.7 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 49.39 ng

RT: 6.98 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

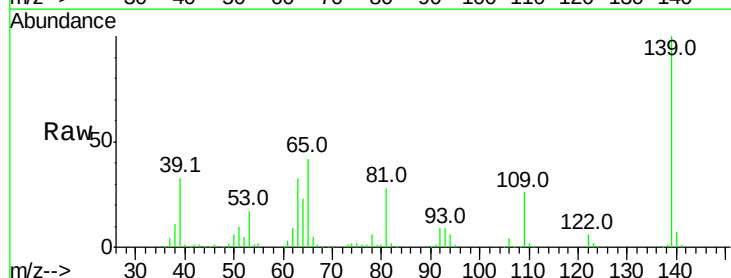
Tgt Ion: 139 Resp: 273289

Ion Ratio Lower Upper

139 100

109 25.6 21.0 31.6

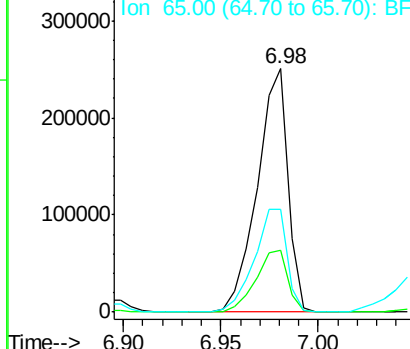
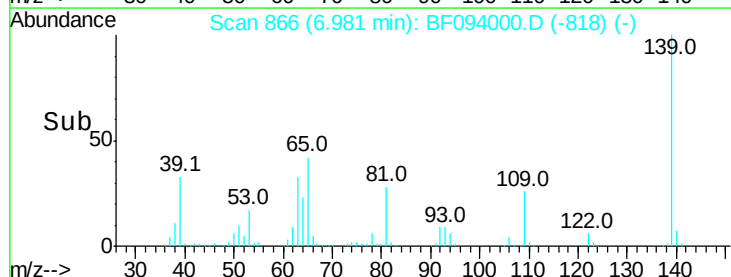
65 42.0 33.0 49.6

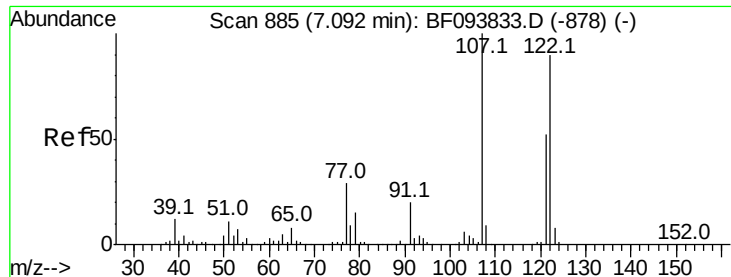


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 46.76 ng

RT: 7.05 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

ClientSampleId :

PB97859BS

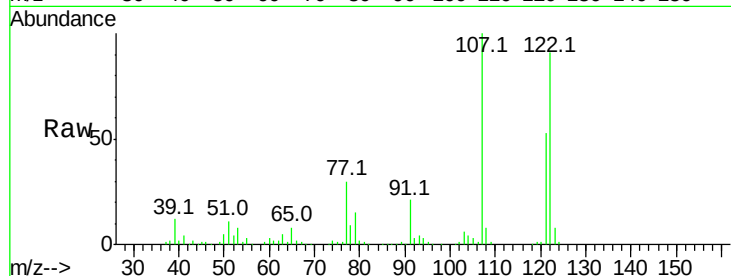
Tot Ion:122 Resp: 445814

Ion Ratio Lower Upper

122 100

107 110.2 89.2 133.8

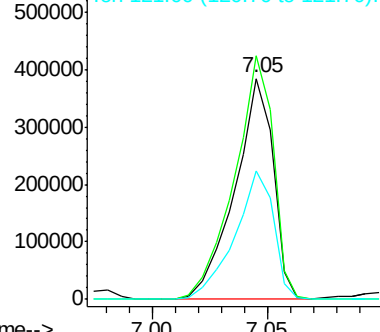
121 58.2 45.2 67.8



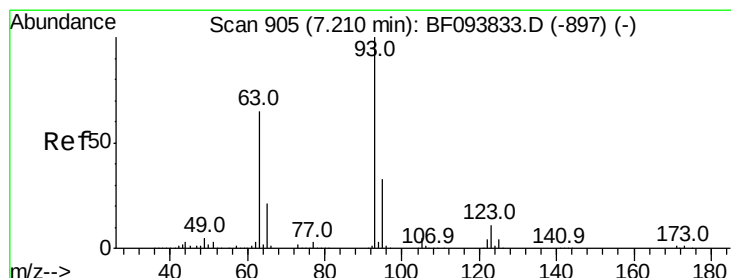
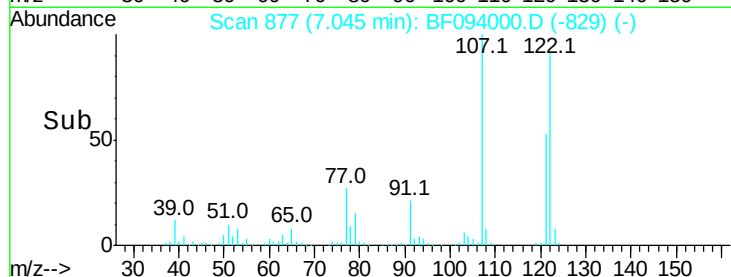
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 43.01 ng

RT: 7.15 min Scan# 895

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

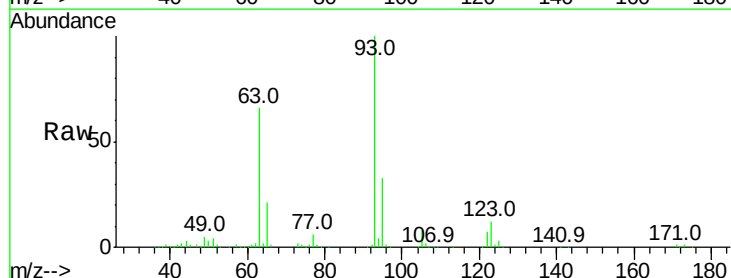
Tgt Ion: 93 Resp: 586320

Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

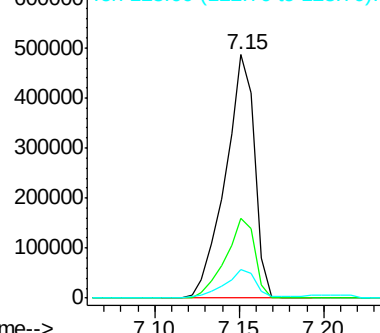
123 11.6 9.0 13.4



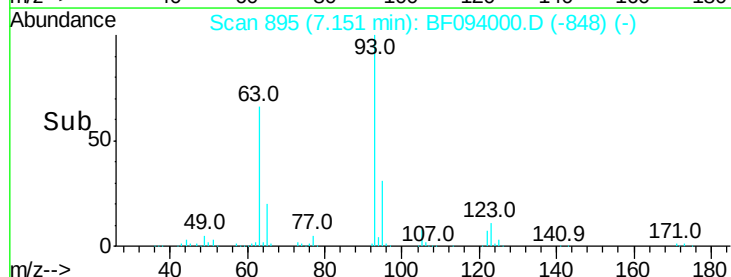
Abundance Ion 93.00 (92.70 to 93.70): BF0

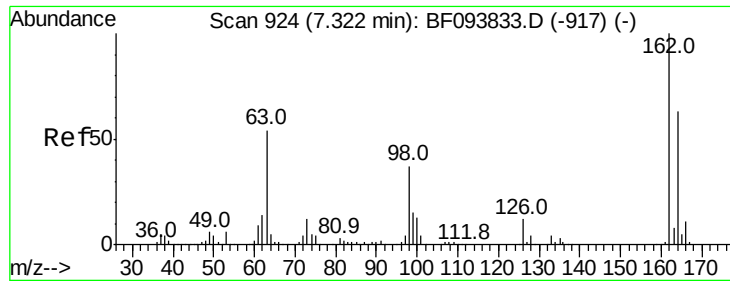
Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E



Time-->

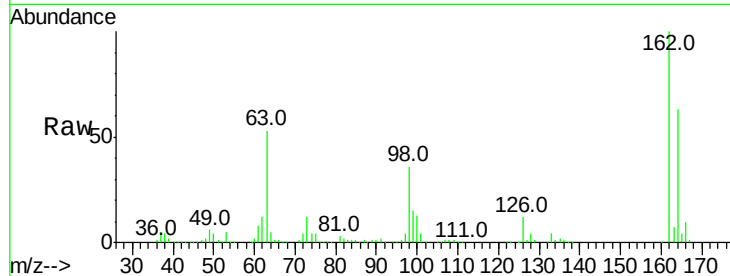




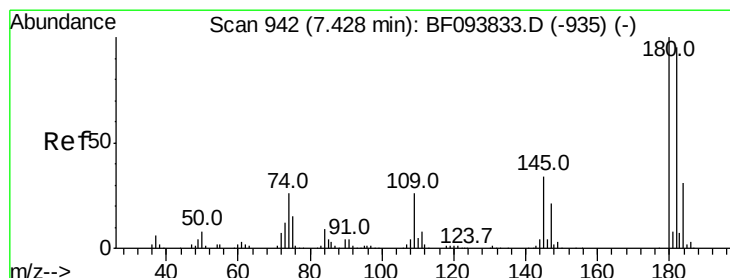
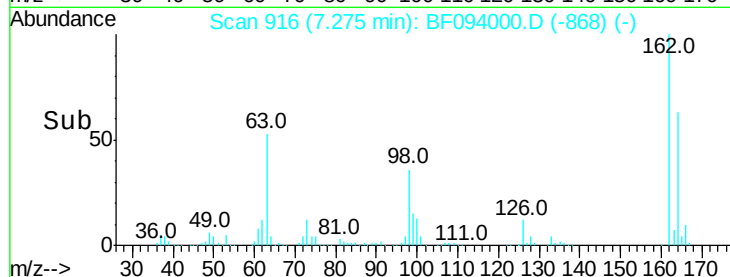
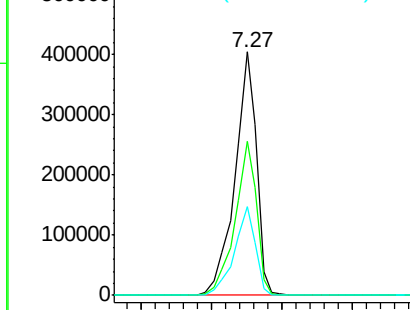
#29
2,4-Dichlorophenol
Concen: 47.99 ng
RT: 7.27 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Instrument :
BNA_F
ClientSampleId :
PB97859BS

Tot Ion:162 Resp: 427751
Ion Ratio Lower Upper
162 100
164 63.2 44.6 84.6
98 36.3 14.8 54.8

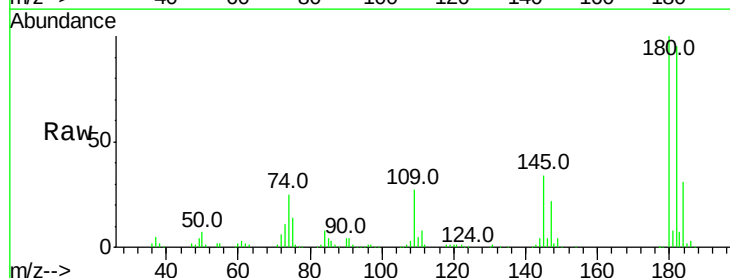


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

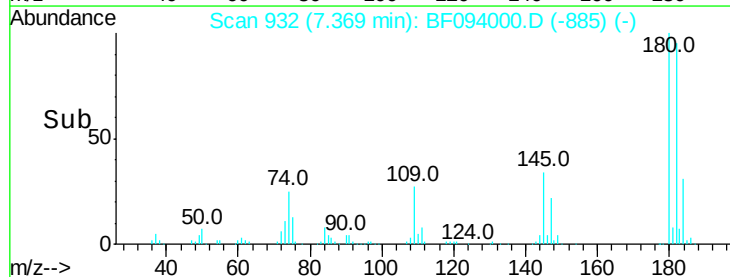
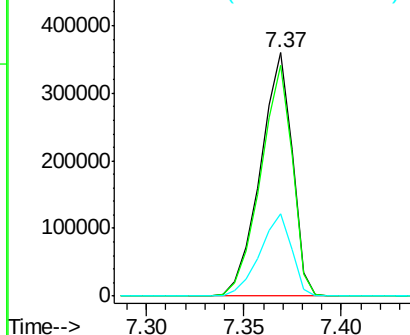


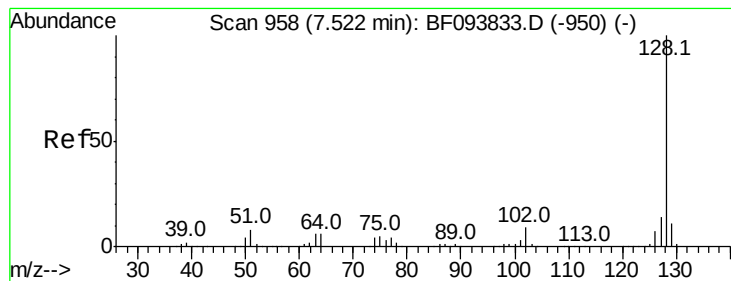
#30
1,2,4-Trichlorobenzene
Concen: 44.25 ng
RT: 7.37 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Tgt Ion:180 Resp: 406255
Ion Ratio Lower Upper
180 100
182 94.9 75.8 113.6
145 33.8 25.3 37.9



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





#31

Naphthalene

Concen: 42.19 ng

RT: 7.46 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

ClientSampleId :

PB97859BS

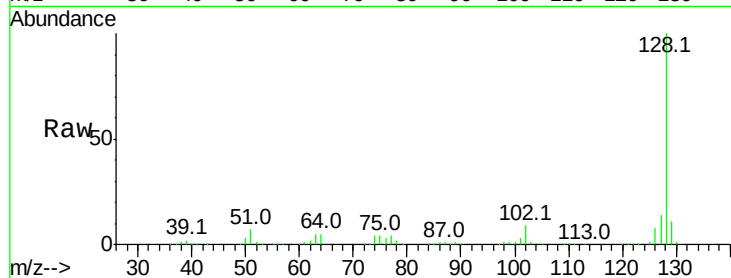
Tot Ion:128 Resp: 1361848

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

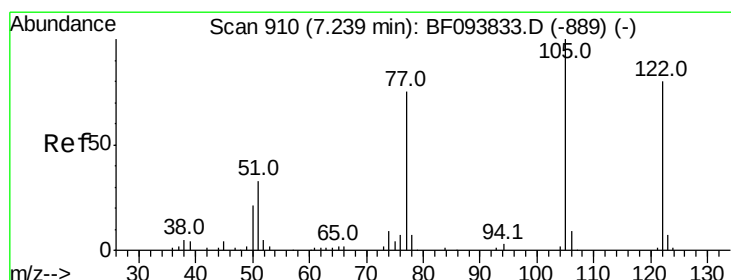
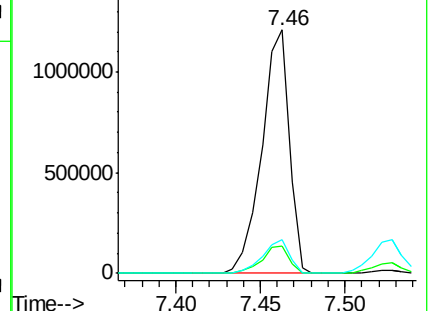
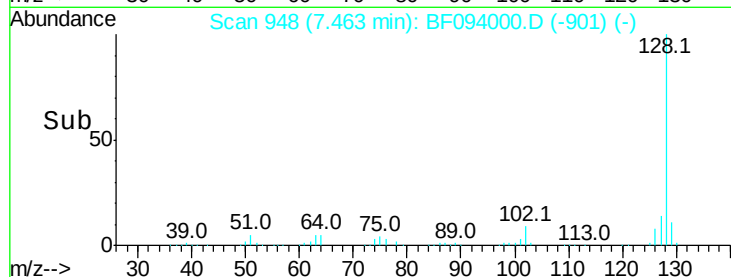
127 13.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.30 ng

RT: 7.22 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

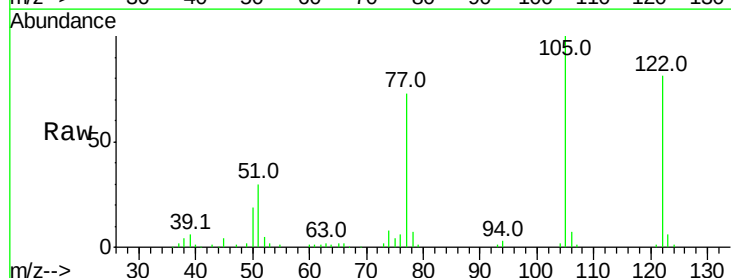
Tgt Ion:122 Resp: 312868

Ion Ratio Lower Upper

122 100

105 122.8 103.3 143.3

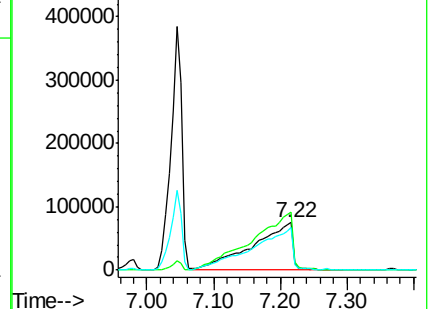
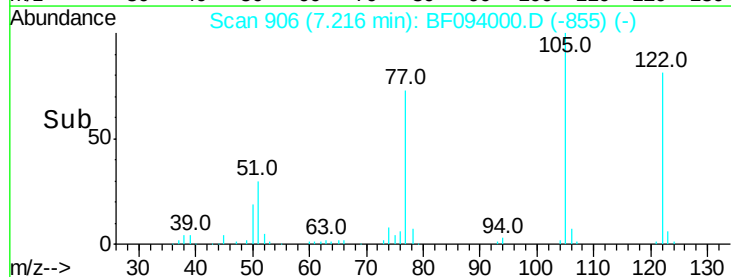
77 89.8 73.7 113.7

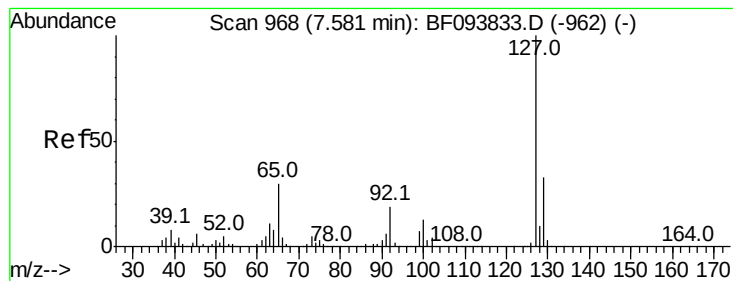


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 16.71 ng

RT: 7.53 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

ClientSampleId :

PB97859BS

Tot Ion:127 Resp: 218653

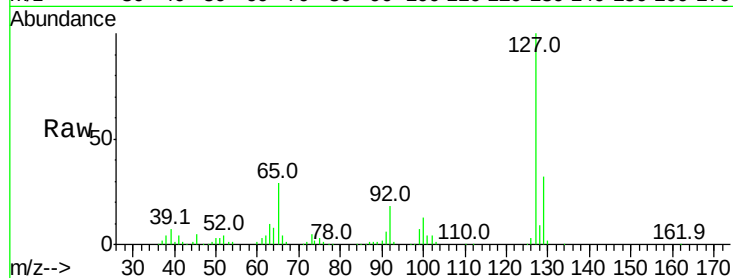
Ion Ratio Lower Upper

127 100

129 32.5 26.2 39.2

65 28.9 27.8 41.8

92 18.4 16.8 25.2

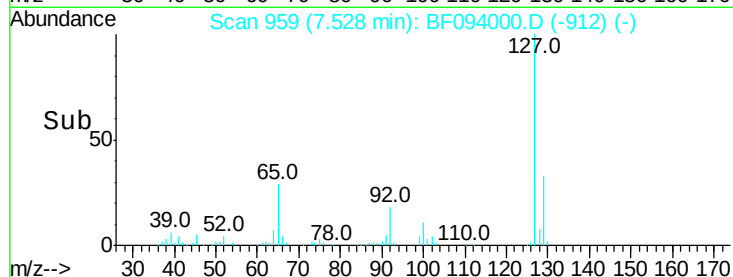


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Abundance

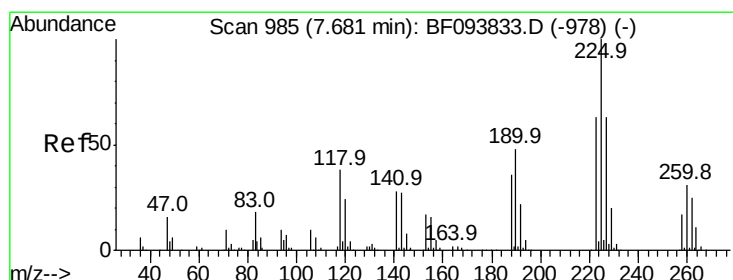
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Time-->



#34

Hexachlorobutadiene

Concen: 44.05 ng

RT: 7.62 min Scan# 974

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

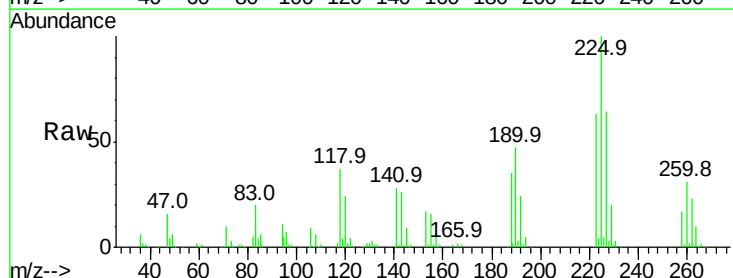
Tgt Ion:225 Resp: 207392

Ion Ratio Lower Upper

225 100

223 62.5 48.8 73.2

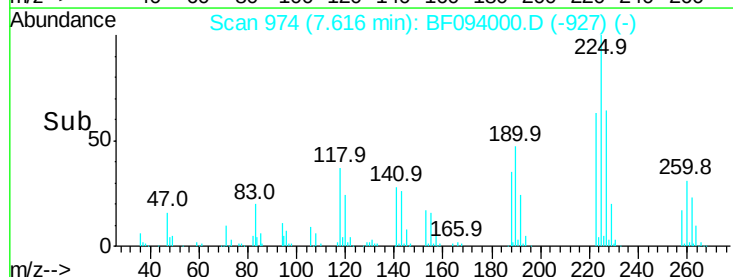
227 64.3 51.1 76.7



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



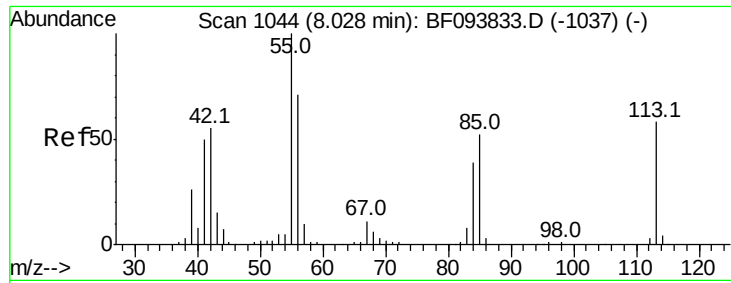
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

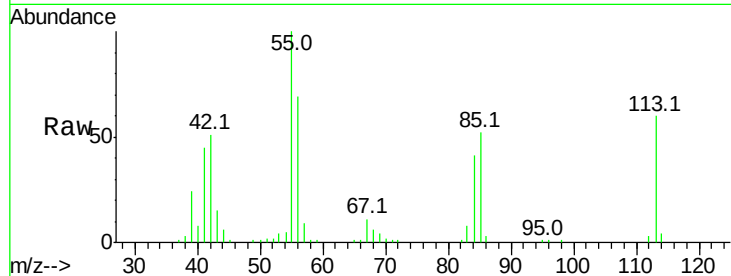
Time-->



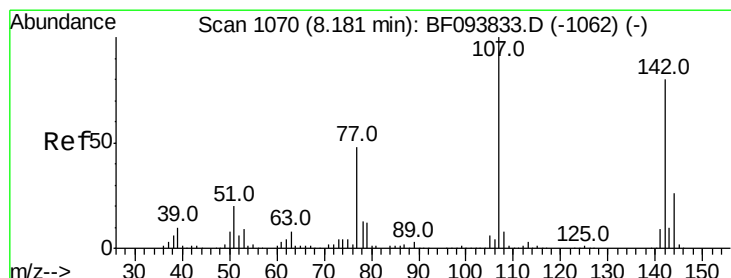
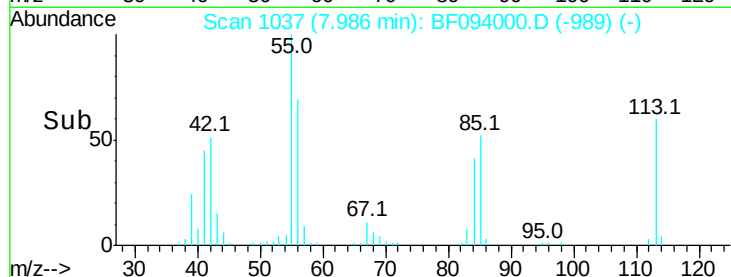
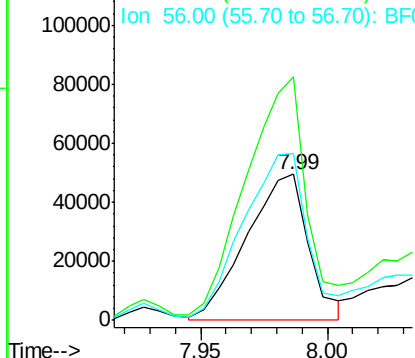
#35
 Caprolactam
 Concen: 29.76 ng
 RT: 7.99 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97859BS

Tot Ion:113 Resp: 84604
 Ion Ratio Lower Upper
 113 100
 55 166.6 150.2 190.2
 56 114.5 107.8 147.8

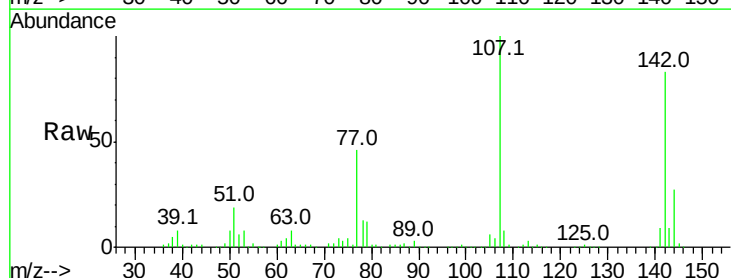


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

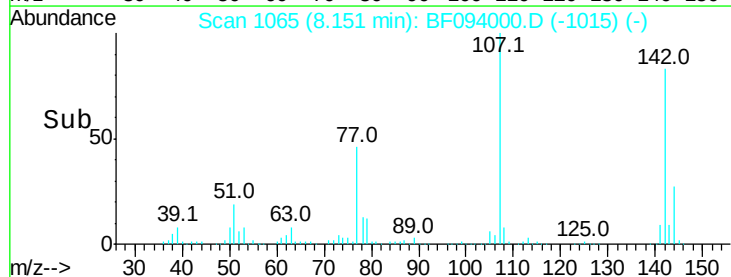
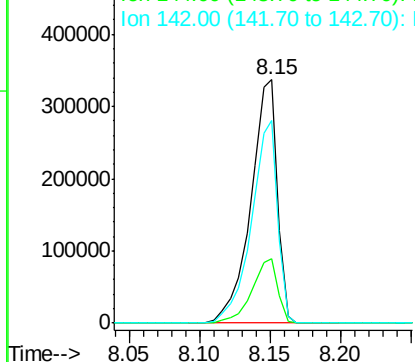


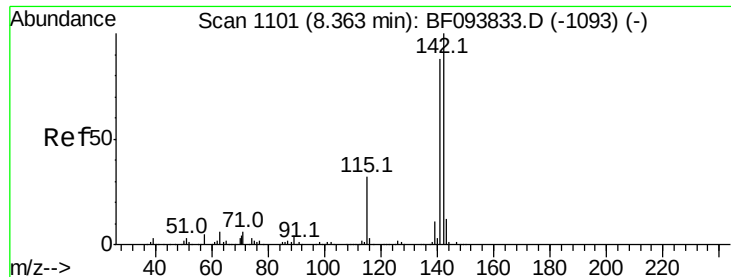
#36
 4-Chloro-3-methylphenol
 Concen: 48.05 ng
 RT: 8.15 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Tgt Ion:107 Resp: 447556
 Ion Ratio Lower Upper
 107 100
 144 26.6 24.2 36.4
 142 83.0 73.4 110.0



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





#37

2-Methylnaphthalene

Concen: 45.31 ng

RT: 8.30 min Scan# 1091

Delta R.T. -0.02 min

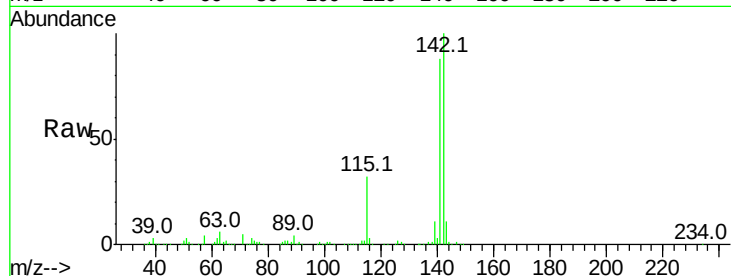
Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :
BNA_F
ClientSampleId :
PB97859BS

Tot Ion:142 Resp: 975086

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.3	106.9
115	31.9	27.1	40.7

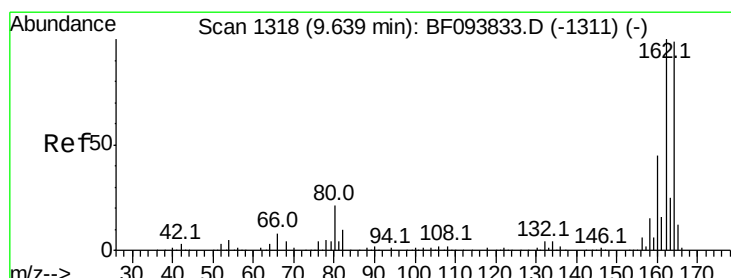
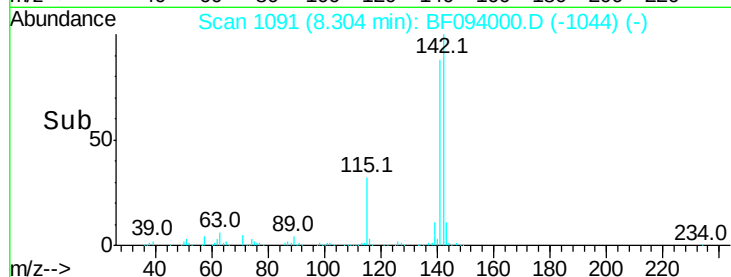
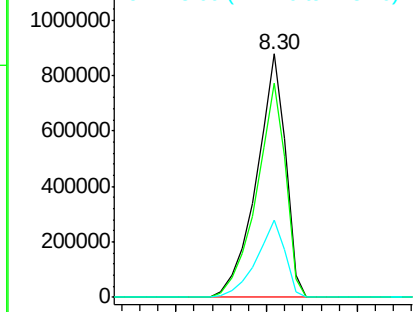


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.57 min Scan# 1307

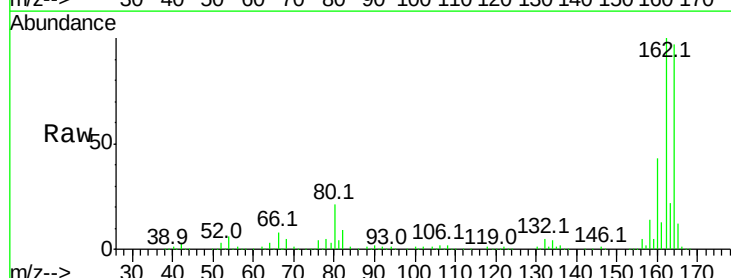
Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Tgt Ion:164 Resp: 315657

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	43.9	36.2	54.2

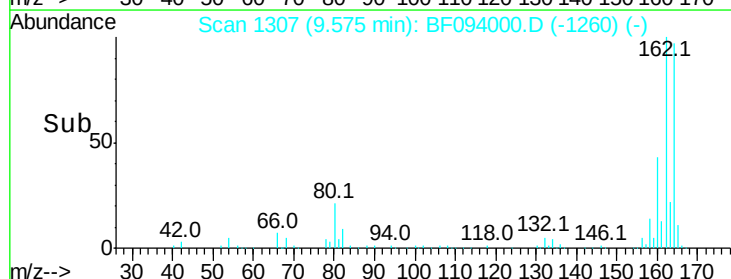
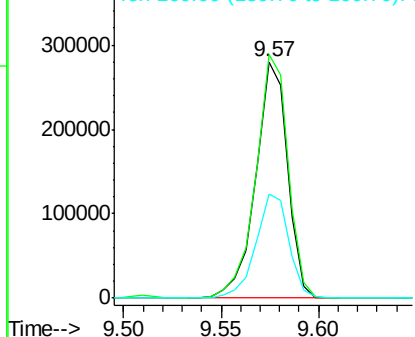


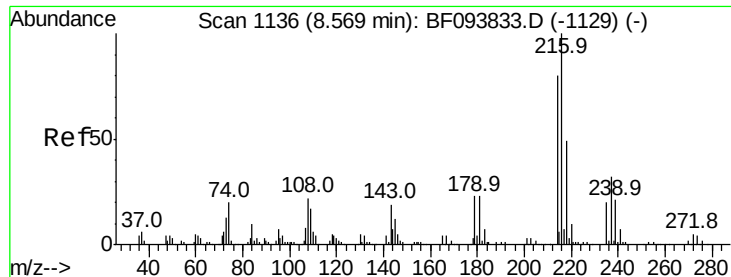
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.06 ng

RT: 8.51 min Scan# 1126

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

ClientSampleId :

PB97859BS

Tot Ion:216 Resp: 354589

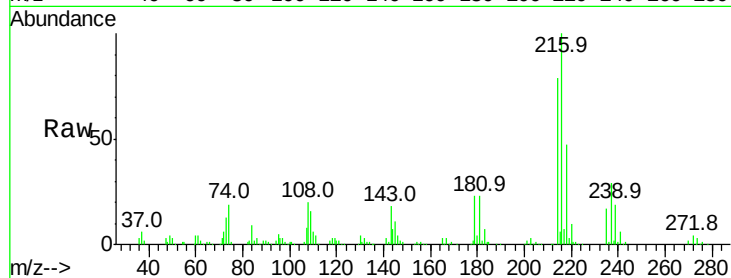
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.2

179 22.4 17.9 26.9

108 22.1 16.5 24.7

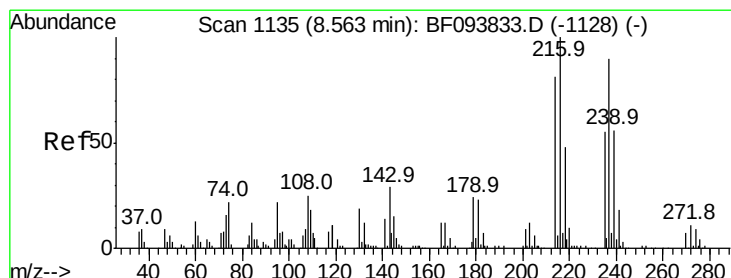
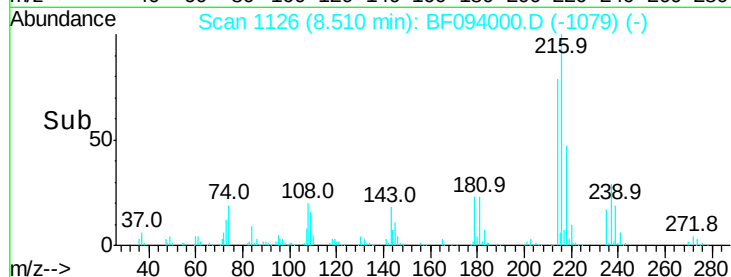
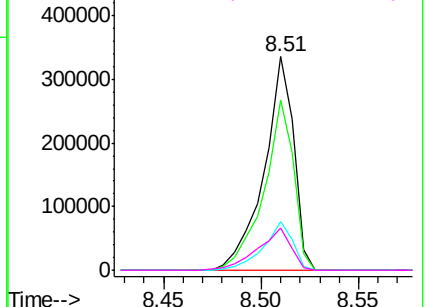


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 92.03 ng

RT: 8.50 min Scan# 1124

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

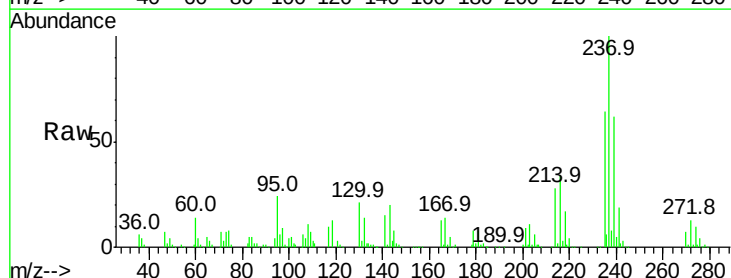
Tgt Ion:237 Resp: 371882

Ion Ratio Lower Upper

237 100

235 63.6 42.6 82.6

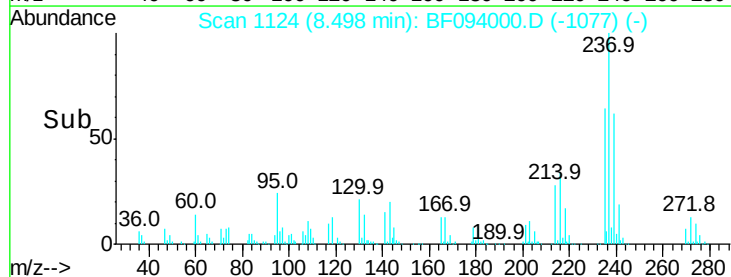
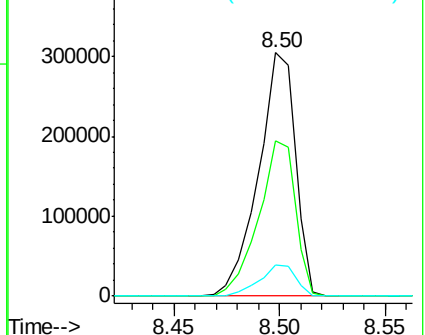
272 12.5 0.0 31.9

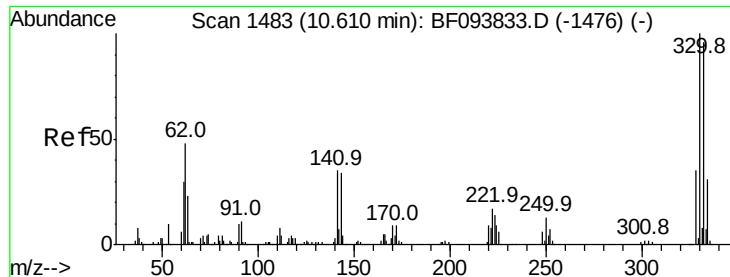


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

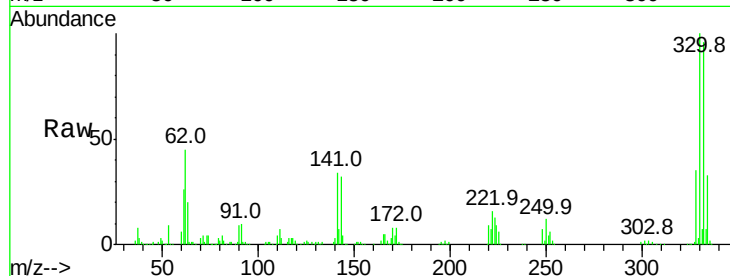




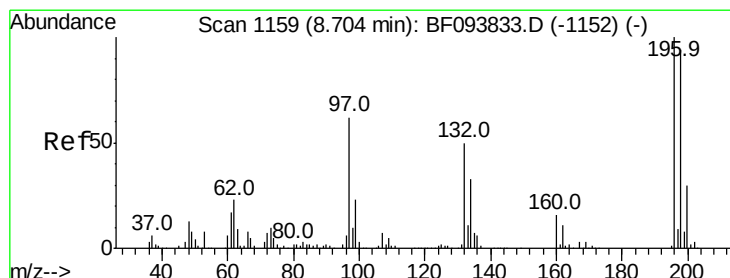
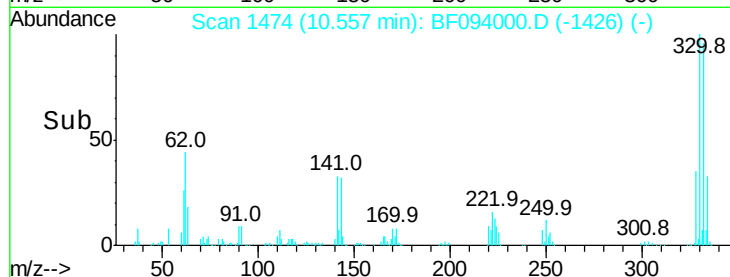
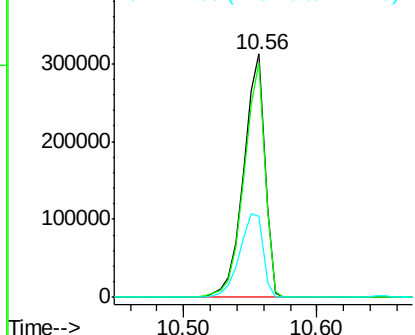
#41
 2,4,6-Tribromophenol
 Concen: 137.41 ng
 RT: 10.56 min Scan# 1474
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97859BS

Tot Ion:330 Resp: 342742
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 115.0
 141 38.3 31.4 47.2

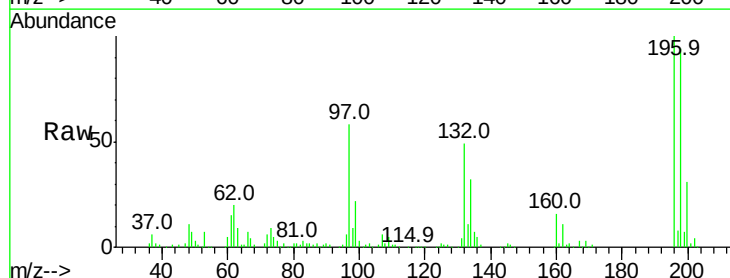


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

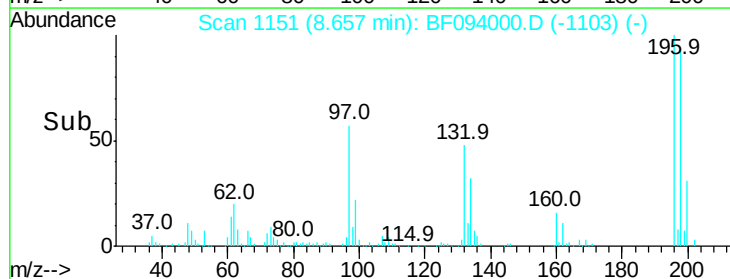
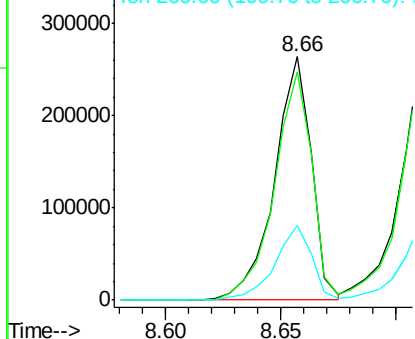


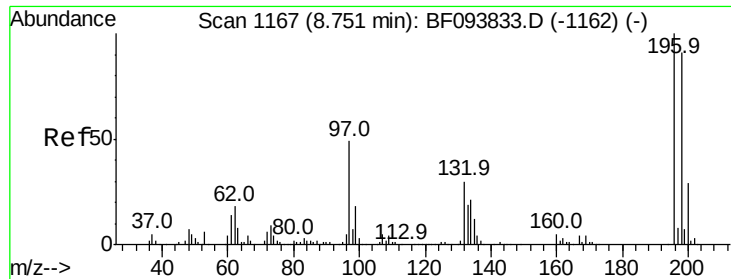
#42
 2,4,6-Trichlorophenol
 Concen: 47.68 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Tgt Ion:196 Resp: 291289
 Ion Ratio Lower Upper
 196 100
 198 93.7 74.2 111.4
 200 30.9 24.0 36.0



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

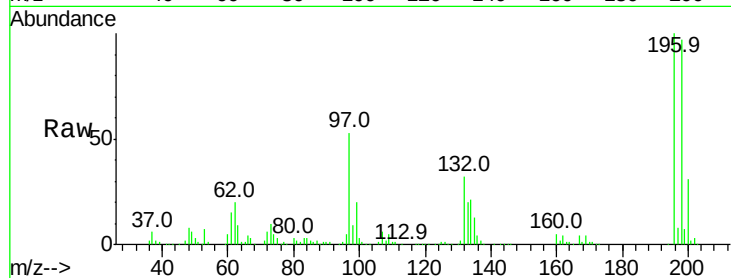




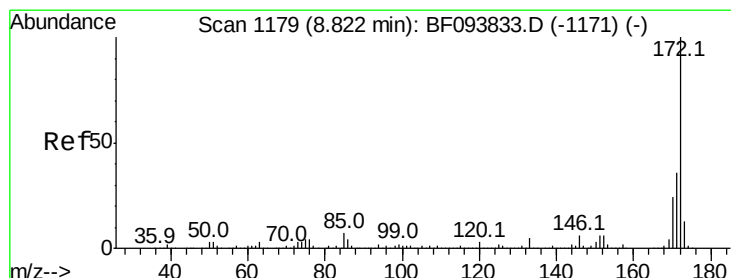
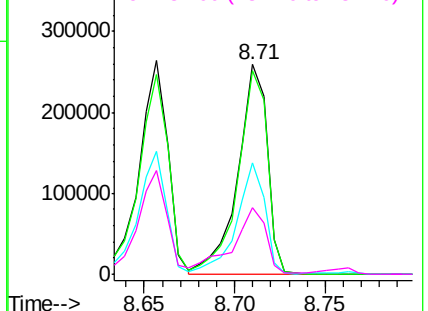
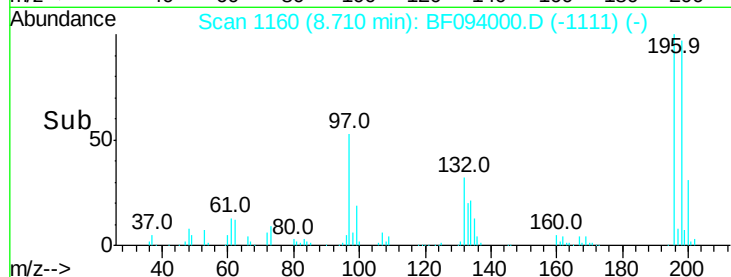
#43
 2,4,5-Trichlorophenol
 Concen: 44.66 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97859BS

Tot Ion:196 Resp: 295237
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.7 113.5
 97 52.8 47.7 71.5
 132 31.9 28.0 42.0

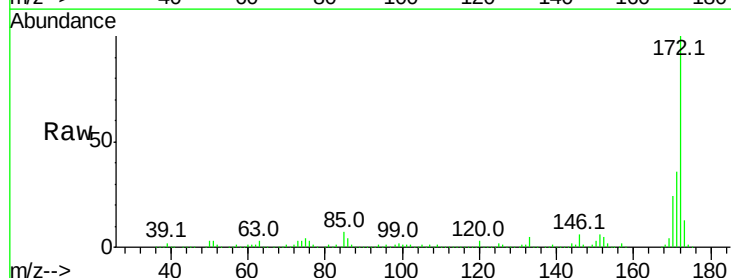


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

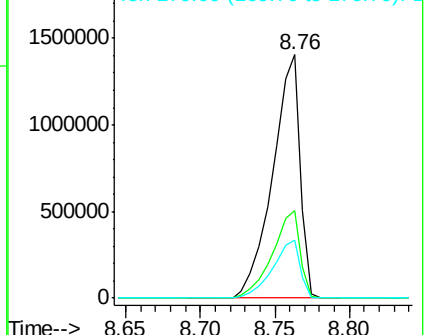
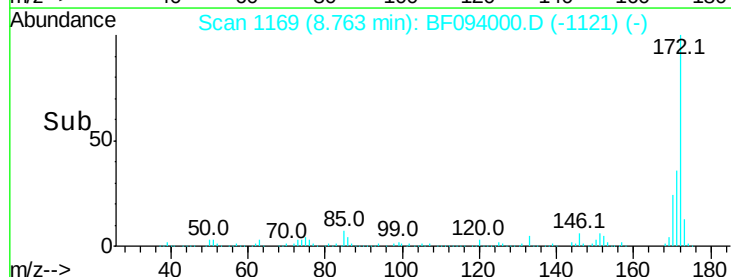


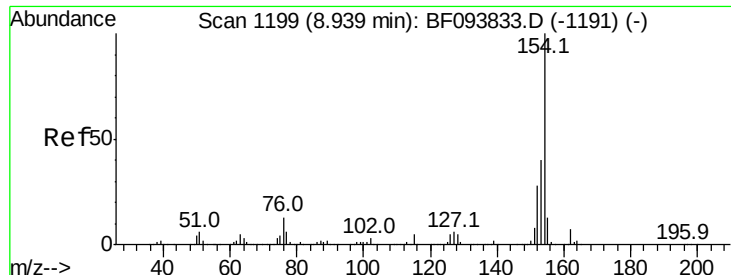
#44
 2-Fluorobiphenyl
 Concen: 86.98 ng
 RT: 8.76 min Scan# 1169
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Tgt Ion:172 Resp: 1799977
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.0 19.8 29.8



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

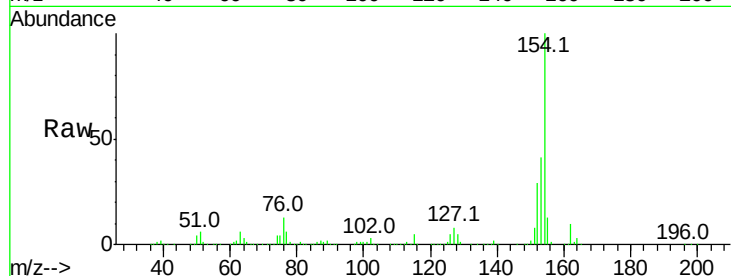




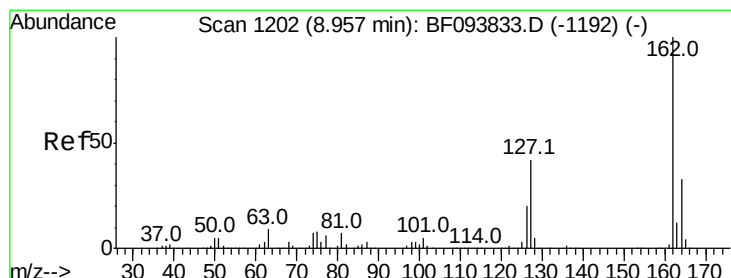
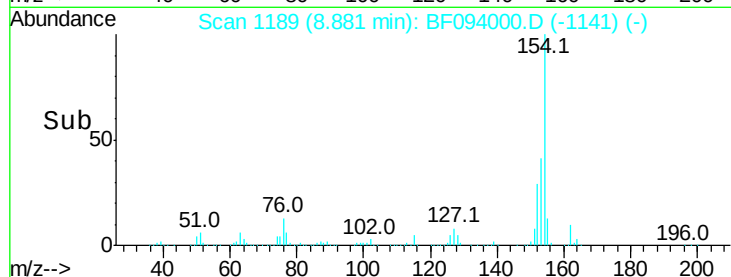
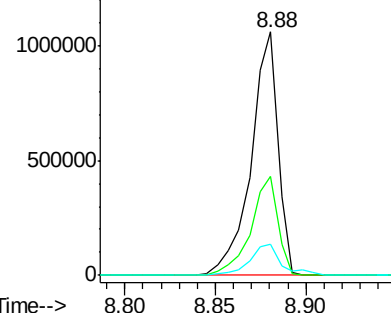
#45
 1,1'-Biphenyl
 Concen: 42.95 ng
 RT: 8.88 min Scan# 1189
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97859BS

Tot Ion:154 Resp: 1093503
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.2 61.2
 76 12.9 0.0 29.9

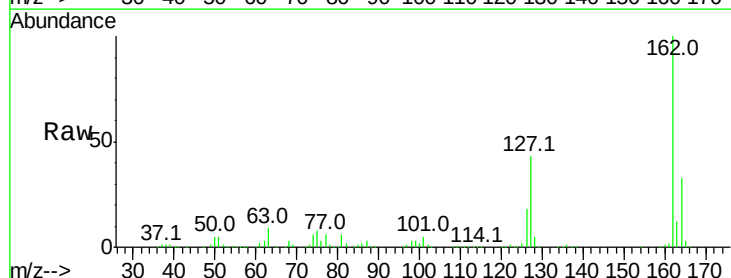


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

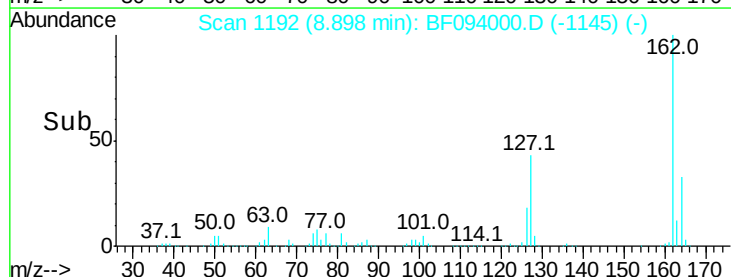
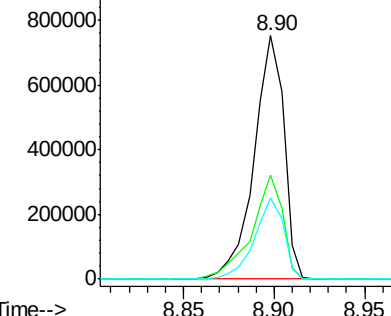


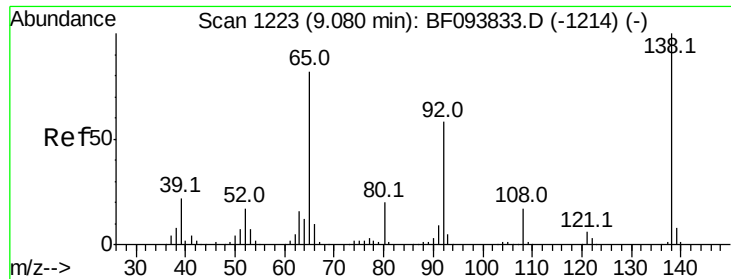
#46
 2-Chloronaphthalene
 Concen: 43.24 ng
 RT: 8.90 min Scan# 1192
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Tgt Ion:162 Resp: 861838
 Ion Ratio Lower Upper
 162 100
 127 42.6 28.3 42.5#
 164 33.4 27.0 40.4



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

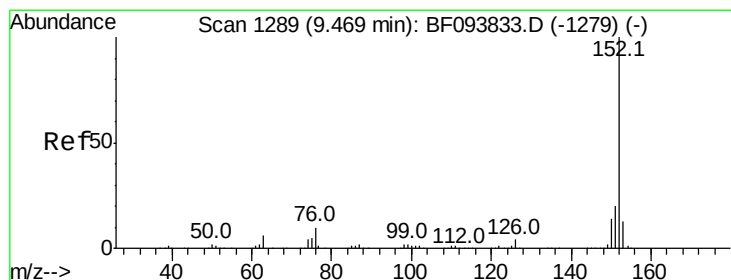
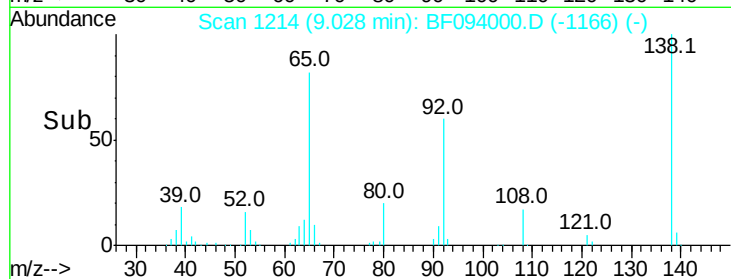
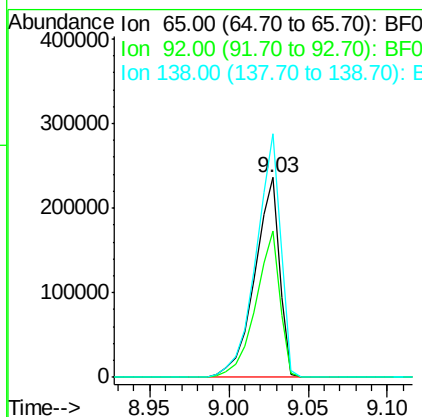
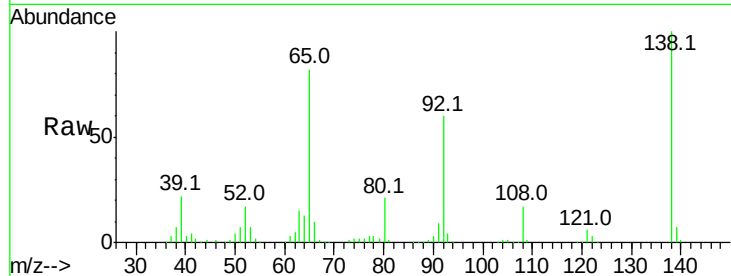




#47
 2-Nitroaniline
 Concen: 43.76 ng
 RT: 9.03 min Scan# 1214
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

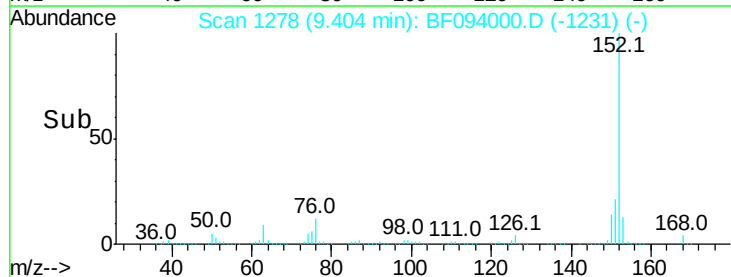
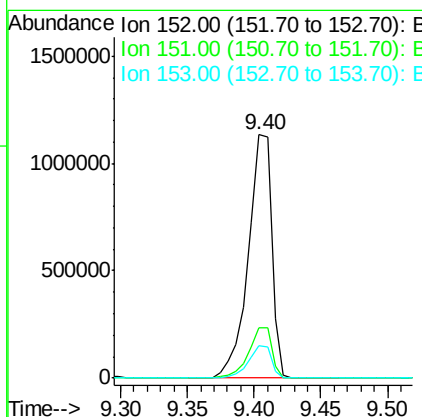
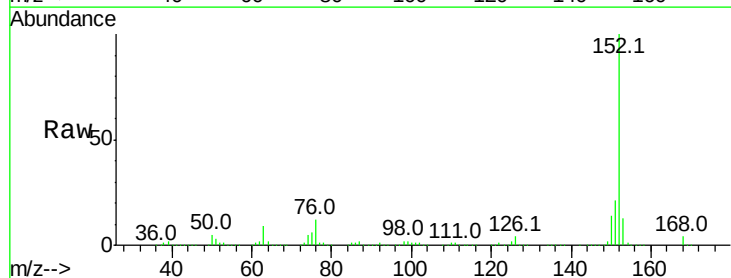
Instrument :
 BNA_F
 ClientSampleId :
 PB97859BS

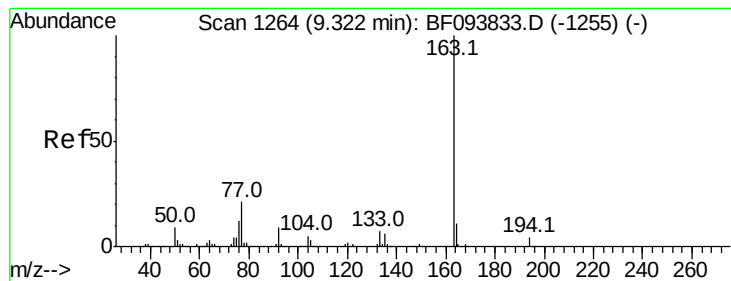
Tot Ion: 65 Resp: 258710
 Ion Ratio Lower Upper
 65 100
 92 73.5 53.9 80.9
 138 122.0 78.8 118.2#



#48
 Acenaphthylene
 Concen: 41.19 ng
 RT: 9.40 min Scan# 1278
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Tgt Ion:152 Resp: 1364385
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 13.4 10.8 16.2





#49

Dimethylphthalate

Concen: 46.27 ng

RT: 9.27 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

ClientSampleId :

PB97859BS

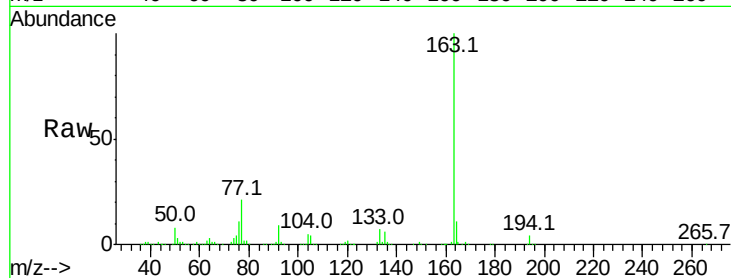
Tot Ion:163 Resp: 1038157

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

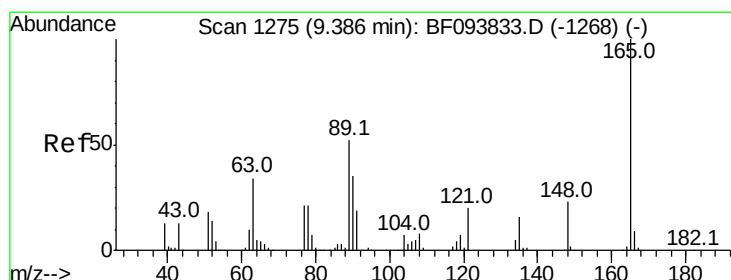
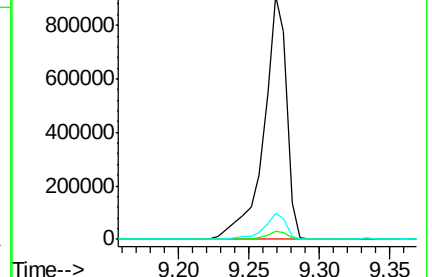
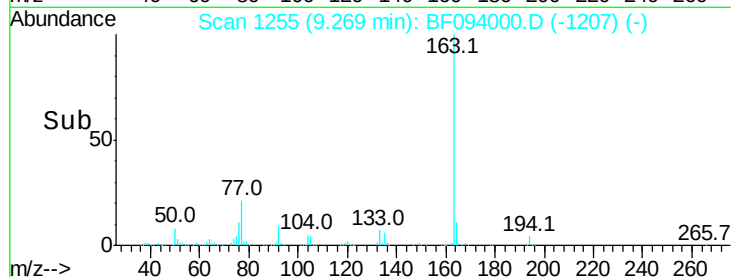
164 10.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.65 ng

RT: 9.33 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

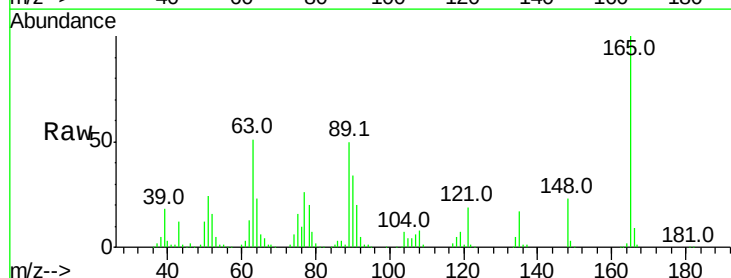
Tgt Ion:165 Resp: 234811

Ion Ratio Lower Upper

165 100

63 50.9 34.3 51.5

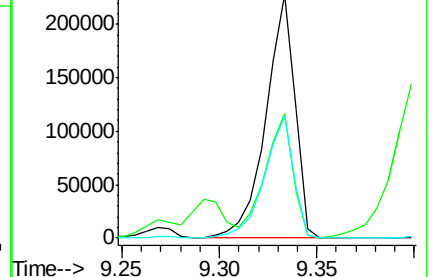
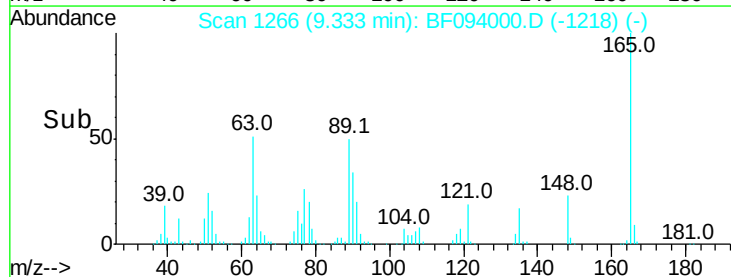
89 50.0 37.1 55.7

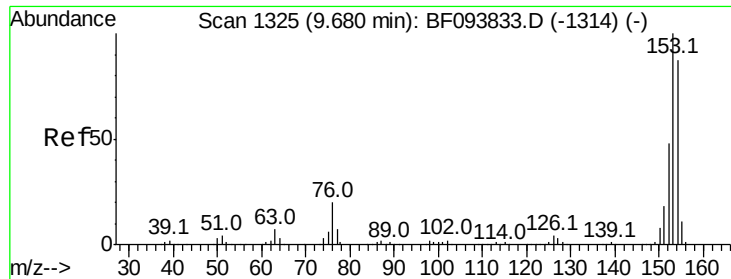


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

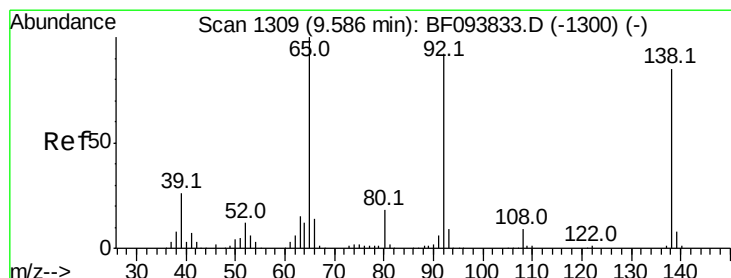
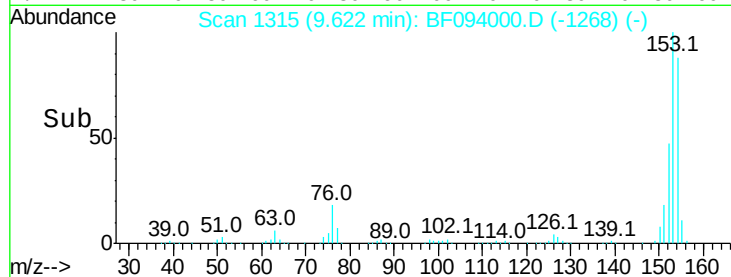
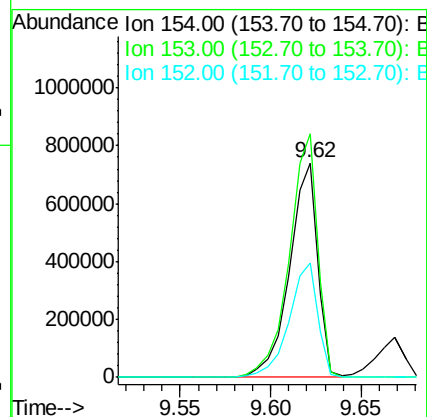
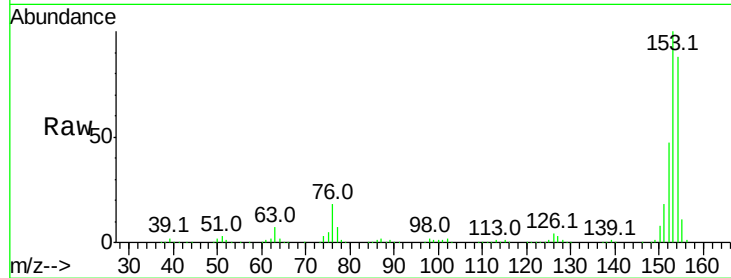




#51
Acenaphthene
Concen: 41.82 ng
RT: 9.62 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

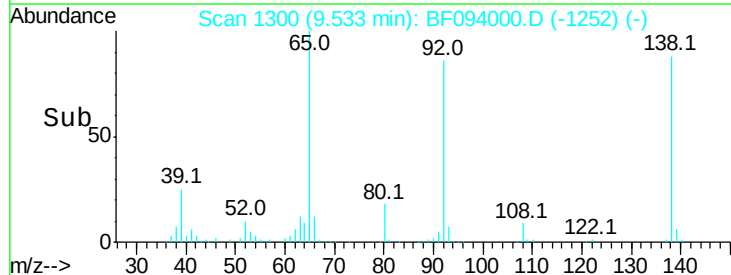
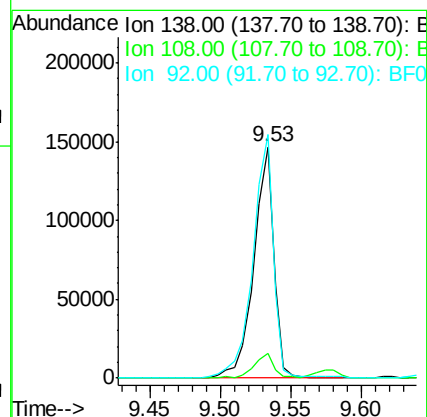
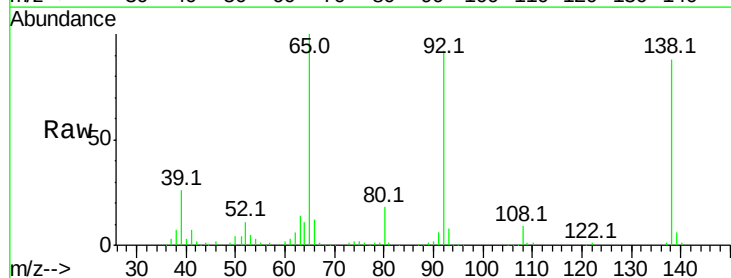
Instrument :
BNA_F
ClientSampleId :
PB97859BS

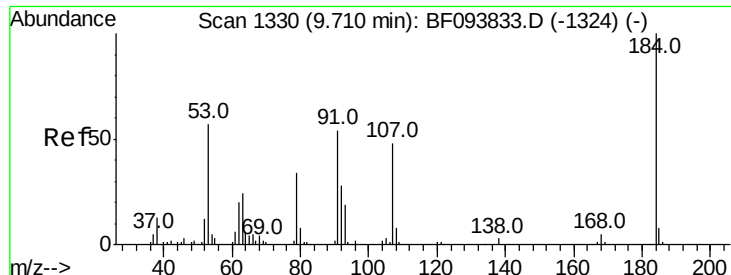
Tot Ion:154 Resp: 808213
Ion Ratio Lower Upper
154 100
153 113.5 90.5 135.7
152 53.5 43.6 65.4



#52
3-Nitroaniline
Concen: 24.34 ng
RT: 9.53 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Tgt Ion:138 Resp: 146991
Ion Ratio Lower Upper
138 100
108 10.5 9.1 13.7
92 105.3 93.8 140.6

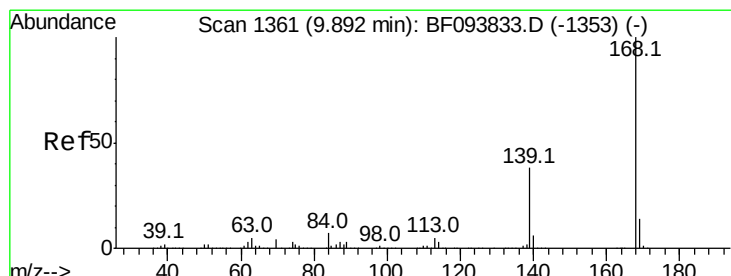
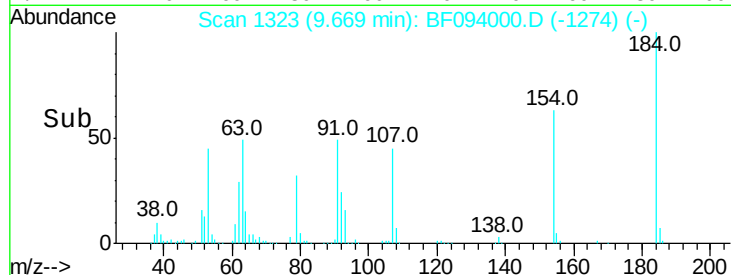
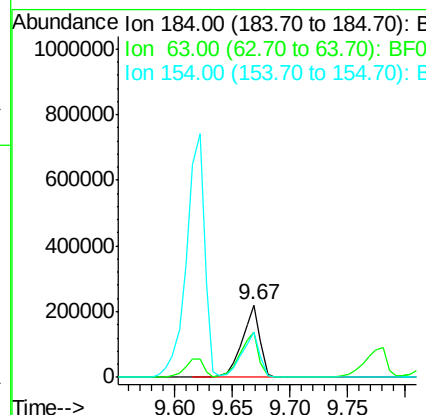
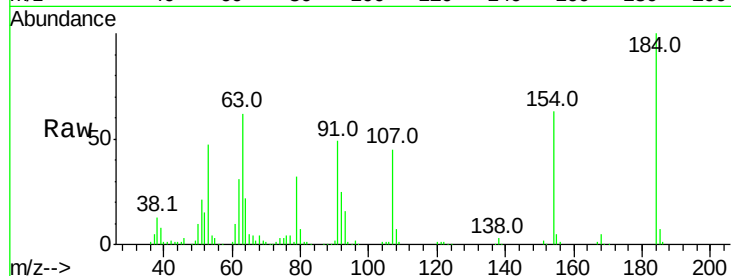




#53
 2,4-Dinitrophenol
 Concen: 85.69 ng
 RT: 9.67 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

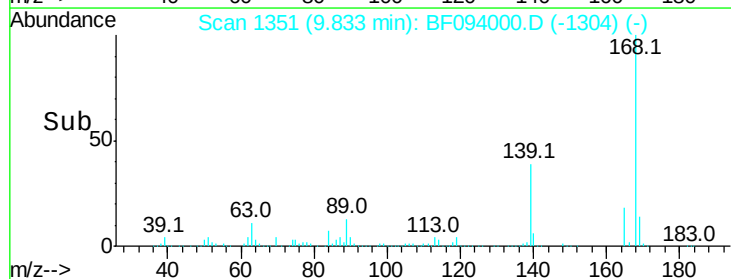
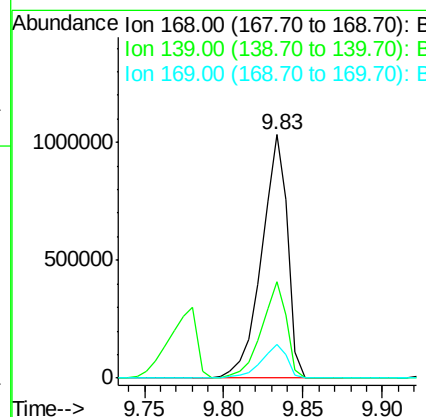
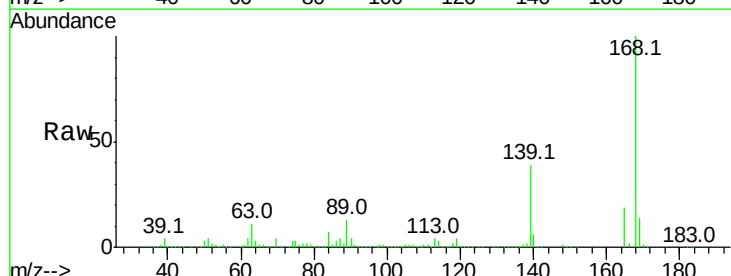
Instrument :
 BNA_F
 ClientSampleID :
 PB97859BS

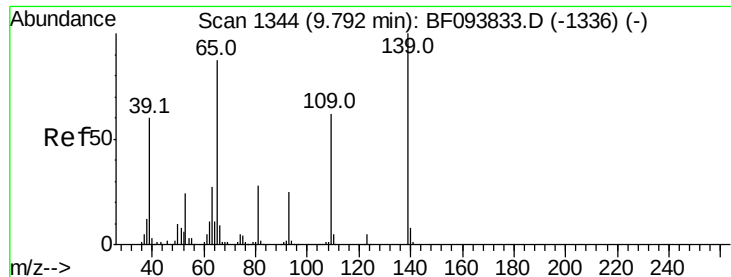
Tot Ion:184	Resp:	236837
Ion Ratio	Lower	Upper
184	100	
63	61.7	62.7 94.1#
154	62.9	81.1 121.7#



#54
 Dibenzofuran
 Concen: 44.53 ng
 RT: 9.83 min Scan# 1351
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Tgt Ion:168	Resp:	1171725
Ion Ratio	Lower	Upper
168	100	
139	39.4	30.6 45.8
169	13.7	10.8 16.2

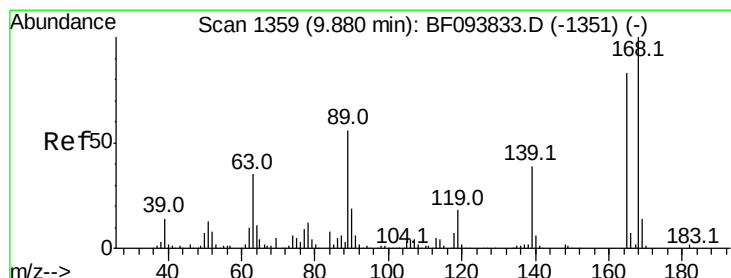
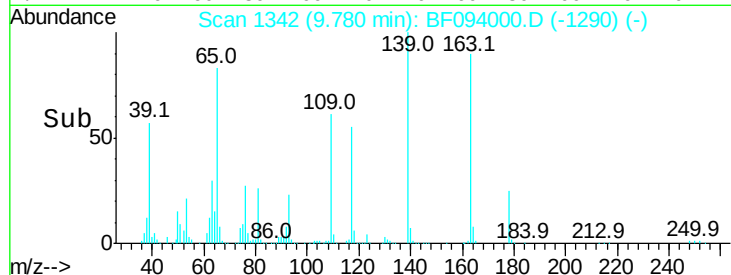
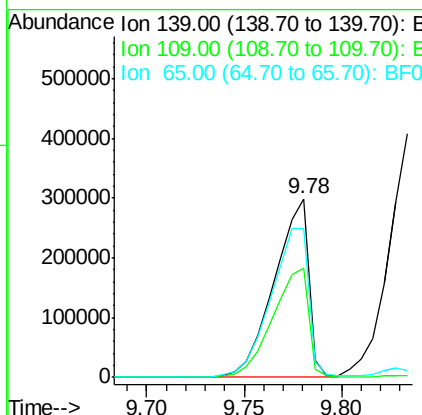
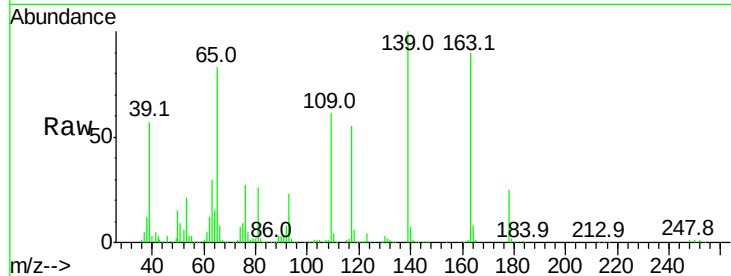




#55
4-Nitrophenol
Concen: 77.85 ng
RT: 9.78 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

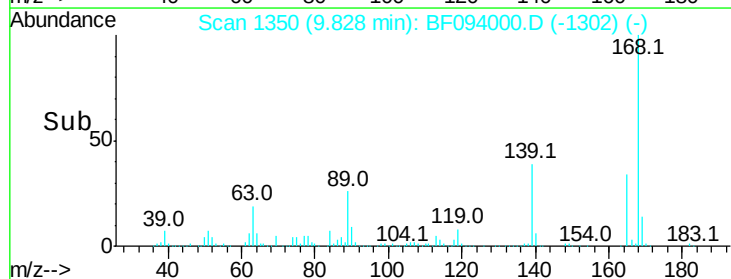
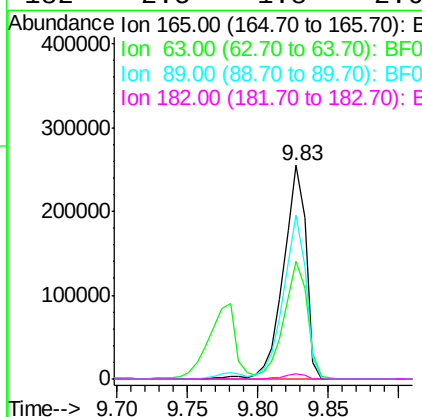
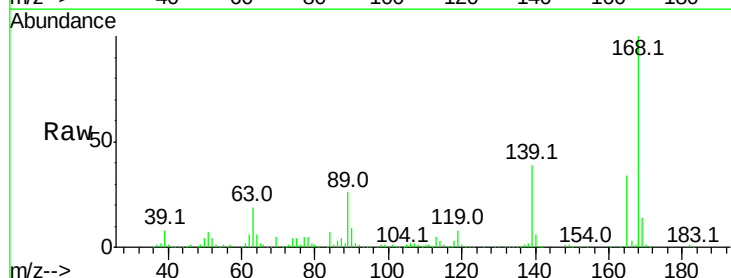
Instrument :
BNA_F
ClientSampled :
PB97859BS

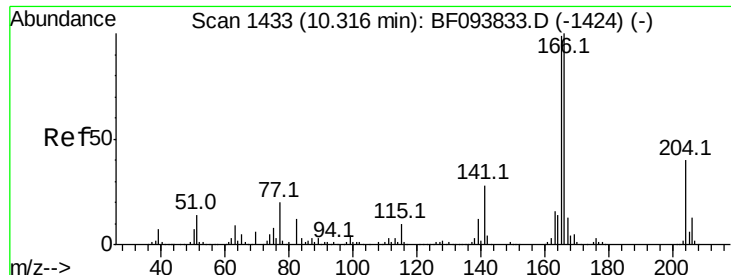
Tot Ion:139 Resp: 368255
Ion Ratio Lower Upper
139 100
109 61.1 34.1 74.1
65 83.0 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 44.20 ng
RT: 9.83 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Tgt Ion:165 Resp: 285568
Ion Ratio Lower Upper
165 100
63 54.9 25.4 38.0#
89 76.8 46.4 69.6#
182 2.5 1.8 2.6

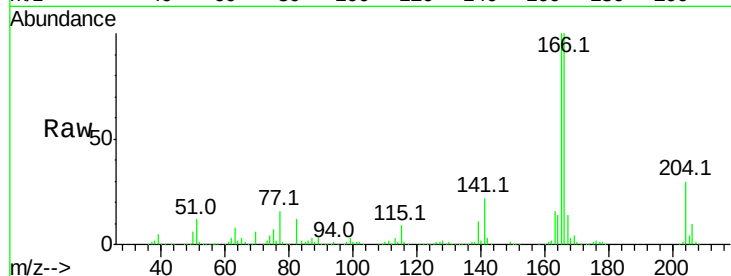




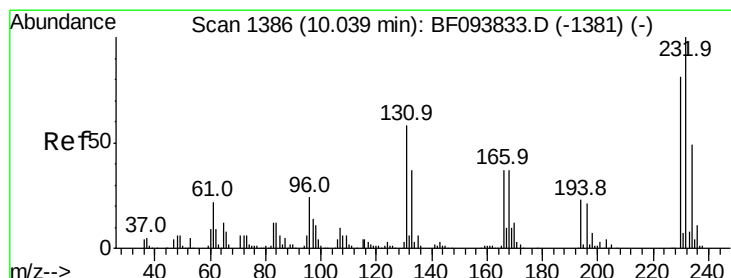
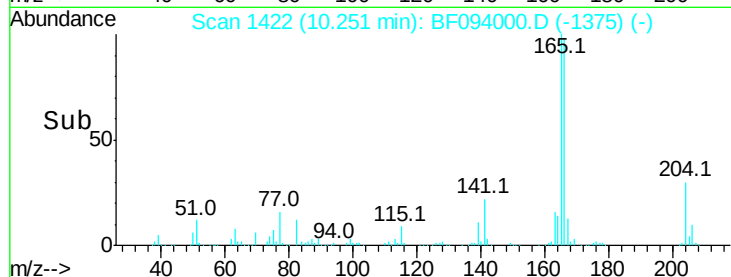
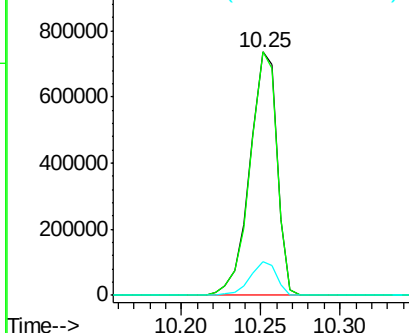
#57
Fluorene
 Concen: 40.36 ng
 RT: 10.25 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97859BS

Tot Ion	166	Resp	880609
Ion Ratio	100		
Lower			
Upper			
165	100.2	78.8	118.2
167	13.7	10.6	16.0



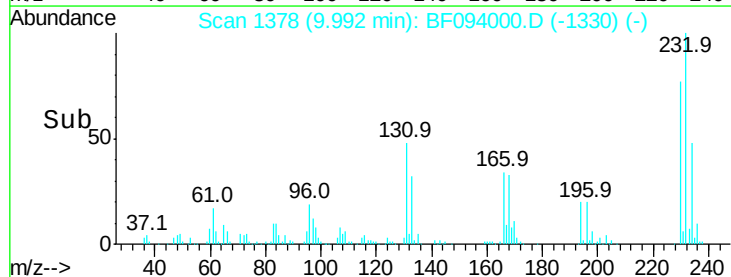
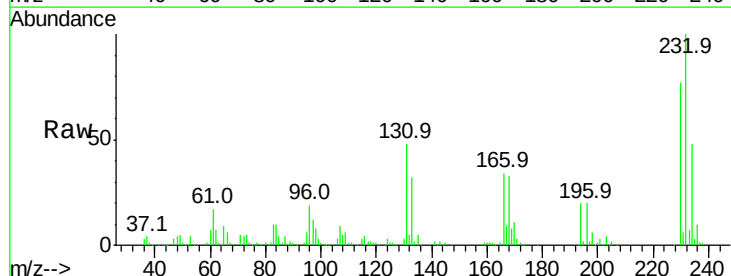
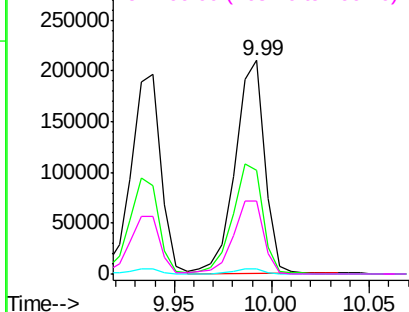
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

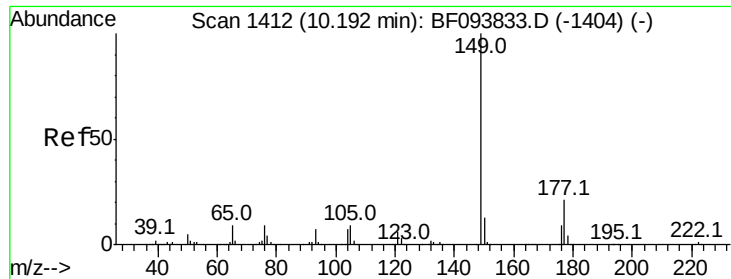


#58
2,3,4,6-Tetrachlorophenol
 Concen: 48.51 ng
 RT: 9.99 min Scan# 1378
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Tgt Ion	232	Resp	220036
Ion Ratio	100		
Lower			
Upper			
131	52.6	44.8	67.2
130	2.6	2.3	3.5
166	35.8	29.0	43.4

Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

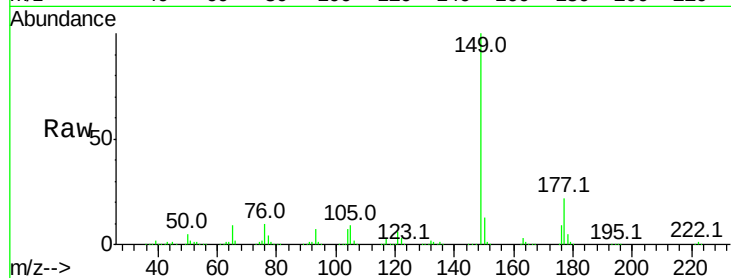




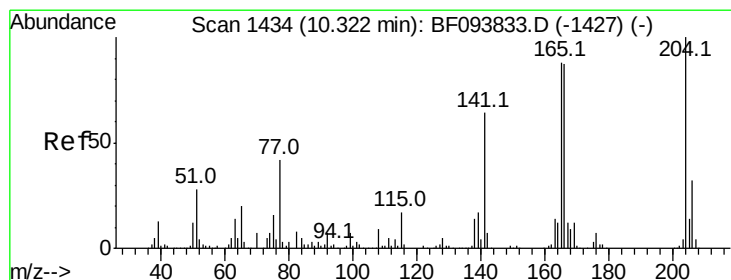
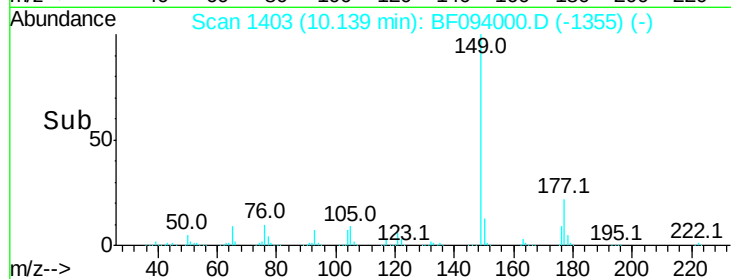
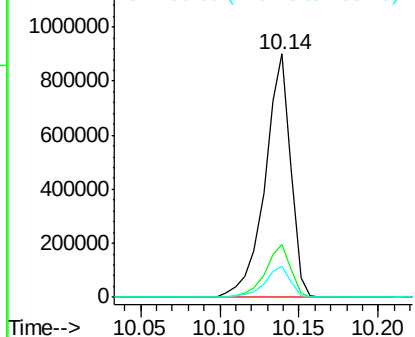
#59
Diethylphthalate
Concen: 45.92 ng
RT: 10.14 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Instrument :
BNA_F
ClientSampleId :
PB97859BS

Tot Ion:149 Resp: 1018385
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 12.5 10.2 15.2

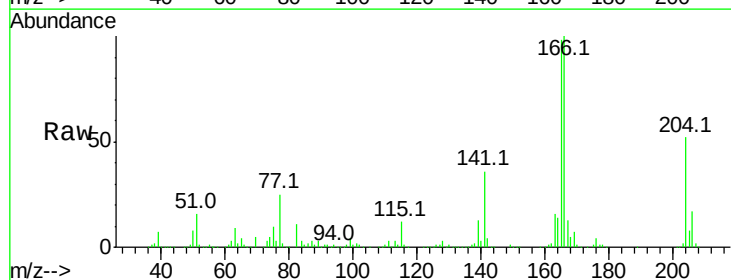


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

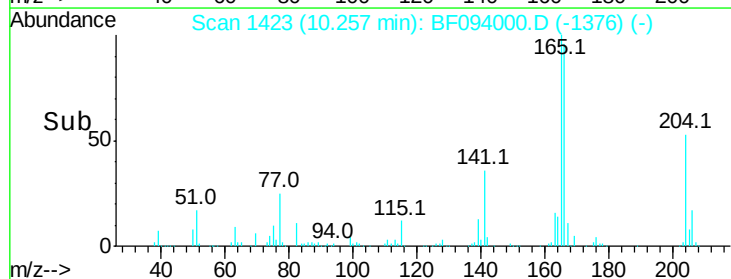
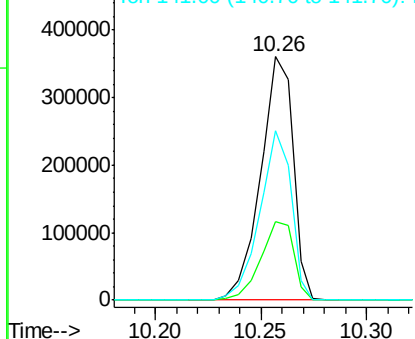


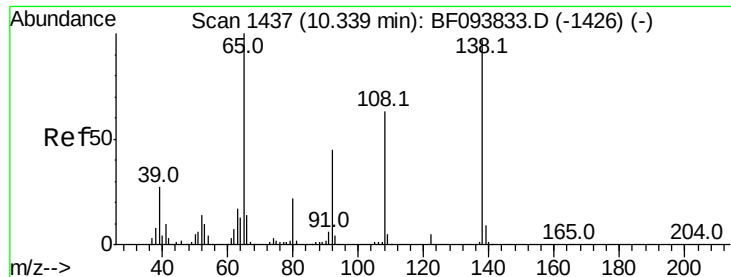
#60
4-Chlorophenyl-phenylether
Concen: 41.73 ng
RT: 10.26 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Tgt Ion:204 Resp: 387920
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 69.7 60.8 91.2



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





#61

4-Nitroaniline

Concen: 41.73 ng

RT: 10.29 min Scan# 1429

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

ClientSampleId :

PB97859BS

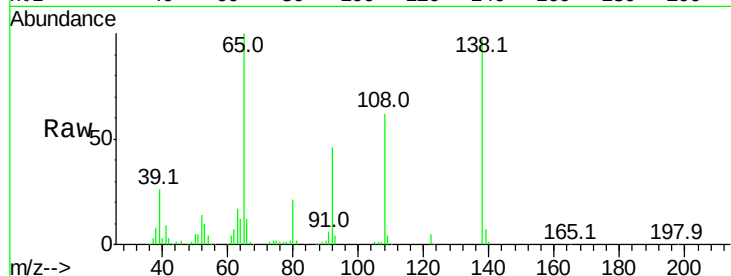
Tot Ion:138 Resp: 241848

Ion Ratio Lower Upper

138 100

92 47.0 21.8 61.8

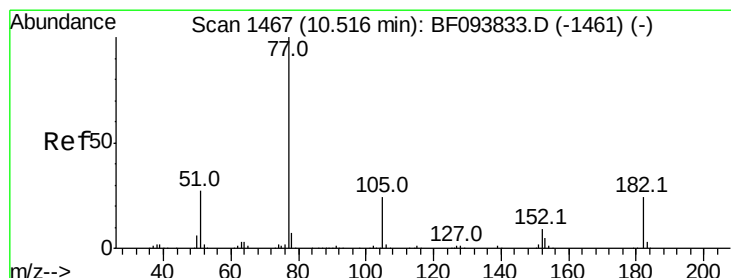
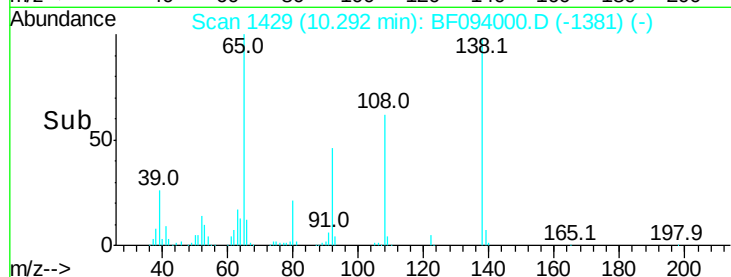
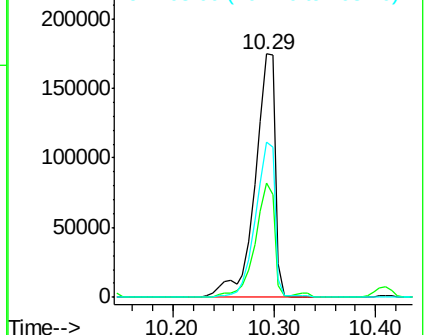
108 63.9 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.20 ng

RT: 10.46 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Tgt Ion: 77 Resp: 969229

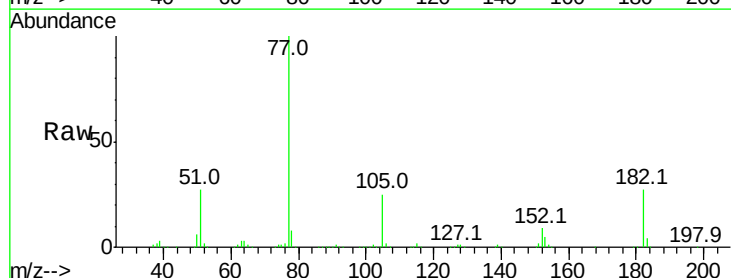
Ion Ratio Lower Upper

77 100

182 26.6 0.1 40.1

105 24.6 3.6 43.6

51 27.2 9.4 49.4

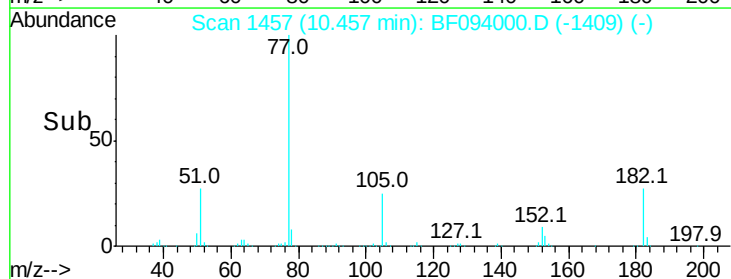
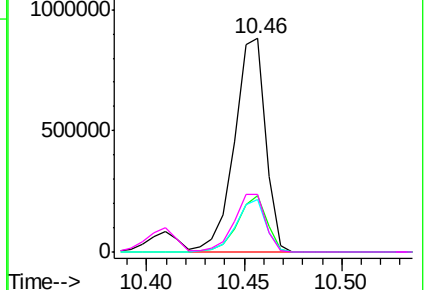


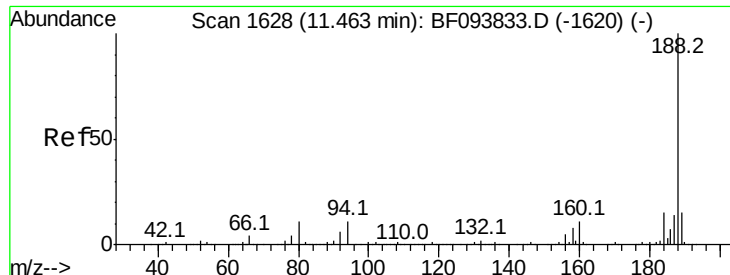
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 1617

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

ClientSampleId :

PB97859BS

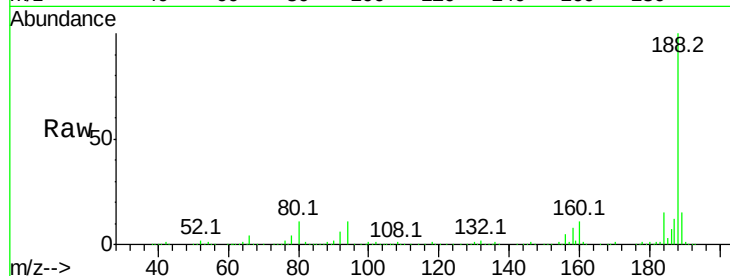
Tot Ion:188 Resp: 537127

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.2

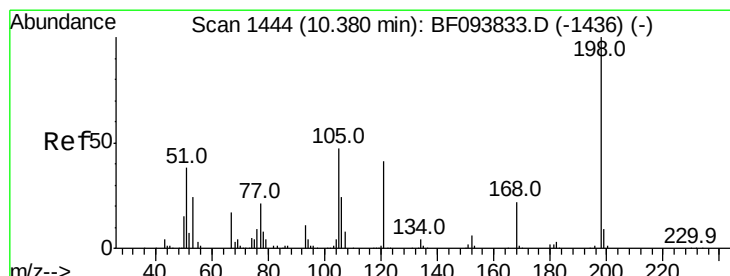
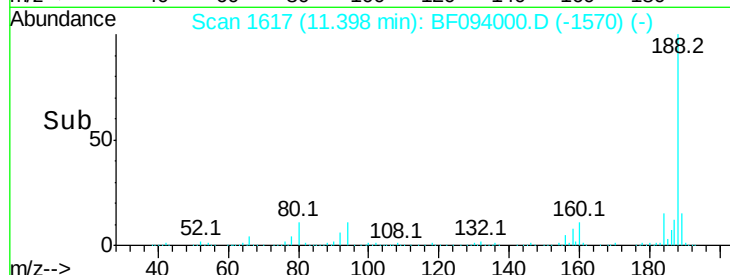
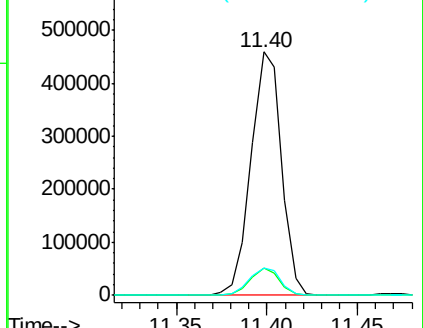
80 11.4 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 46.51 ng

RT: 10.33 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

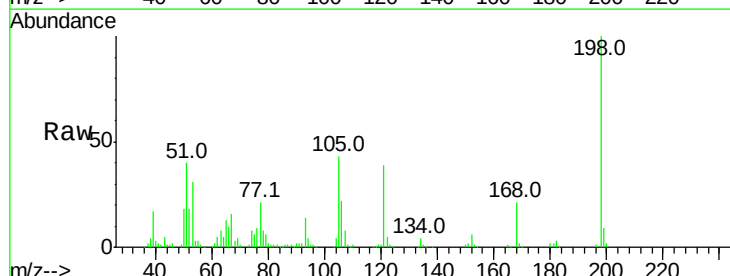
Tgt Ion:198 Resp: 153010

Ion Ratio Lower Upper

198 100

51 39.8 53.2 93.2#

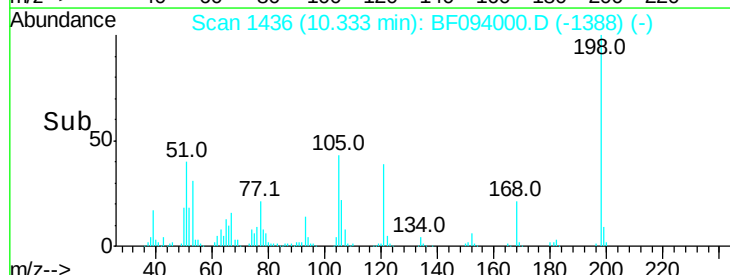
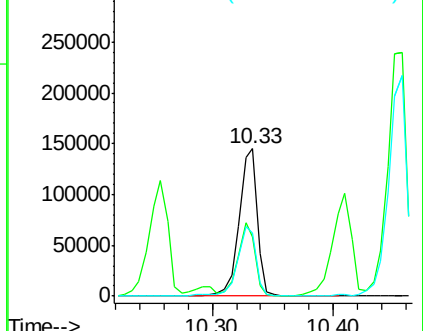
105 43.1 45.8 85.8#

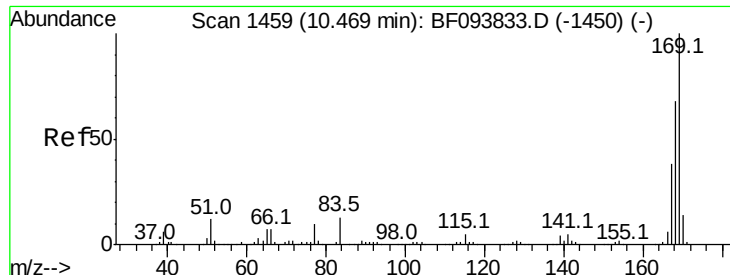


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

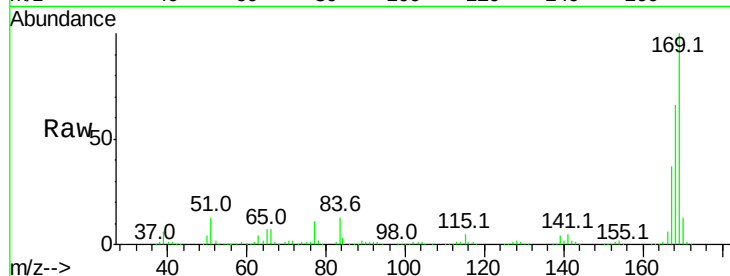




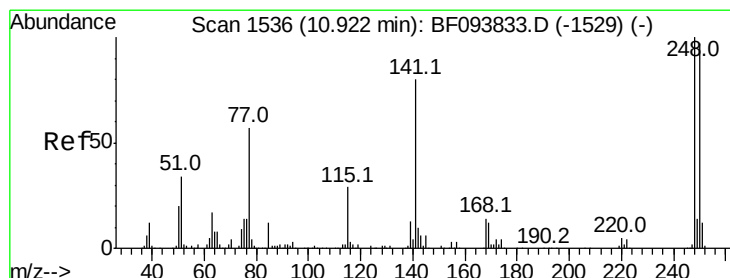
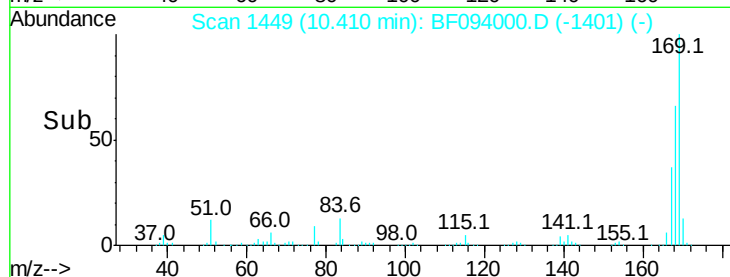
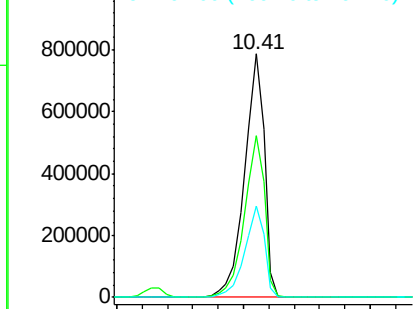
#65
 n-Nitrosodiphenylamine
 Concen: 45.83 ng
 RT: 10.41 min Scan# 1449
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97859BS

Tot Ion:169 Resp: 851334
 Ion Ratio Lower Upper
 169 100
 168 66.3 53.2 79.8
 167 37.4 29.5 44.3

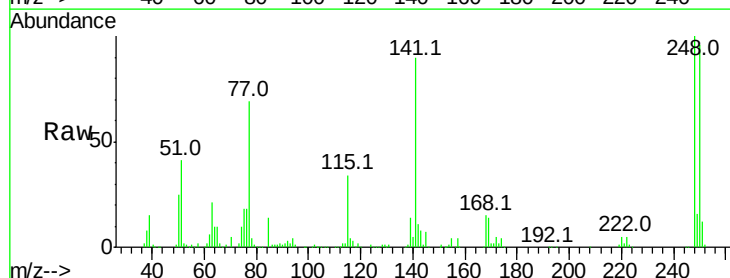


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

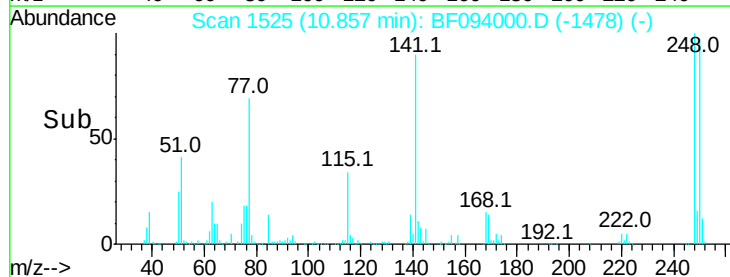
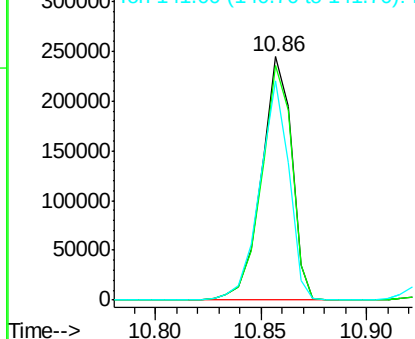


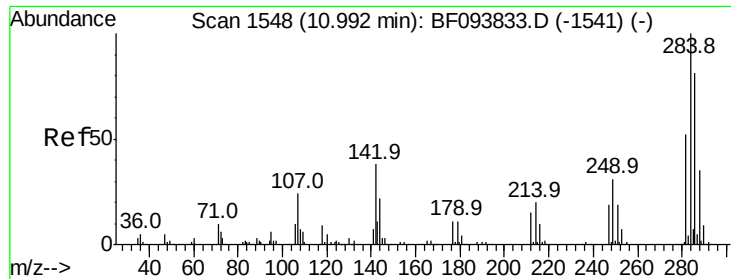
#66
 4-Bromophenyl-phenylether
 Concen: 46.32 ng
 RT: 10.86 min Scan# 1525
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Tgt Ion:248 Resp: 244688
 Ion Ratio Lower Upper
 248 100
 250 96.2 76.8 115.2
 141 90.2 68.6 103.0



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





#67

Hexachlorobenzene

Concen: 46.47 ng

RT: 10.93 min Scan# 1537

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

ClientSampleId :

PB97859BS

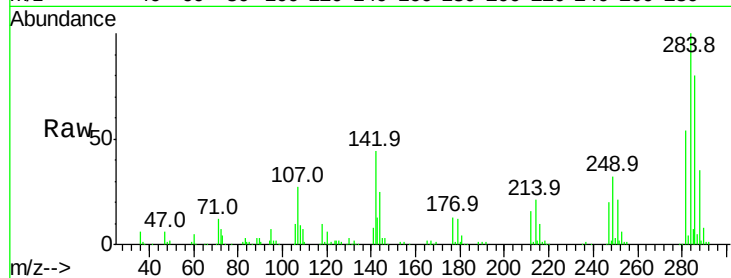
Tot Ion:284 Resp: 248506

Ion Ratio Lower Upper

284 100

142 43.8 22.8 34.2#

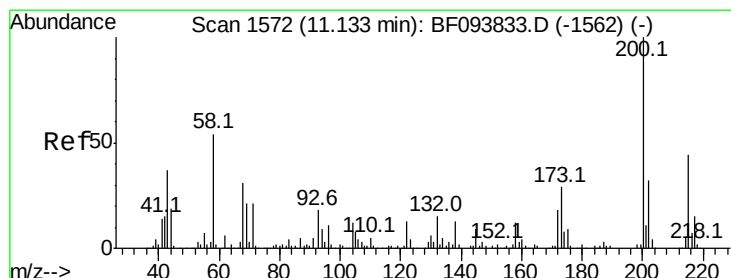
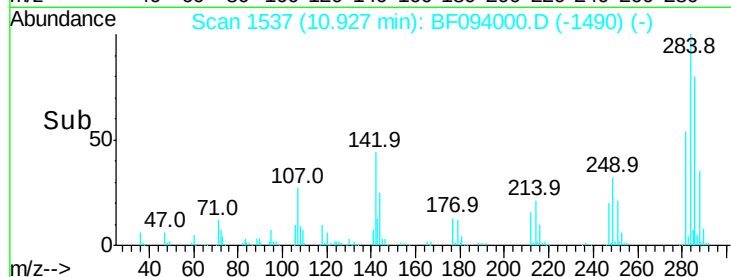
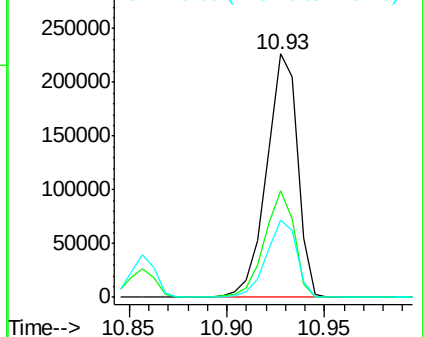
249 31.8 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.12 ng

RT: 11.08 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

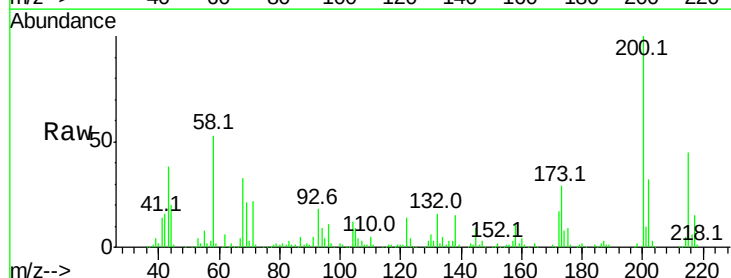
Tgt Ion:200 Resp: 245486

Ion Ratio Lower Upper

200 100

173 28.7 6.3 46.3

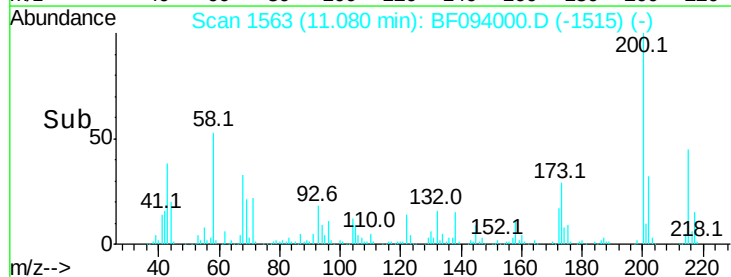
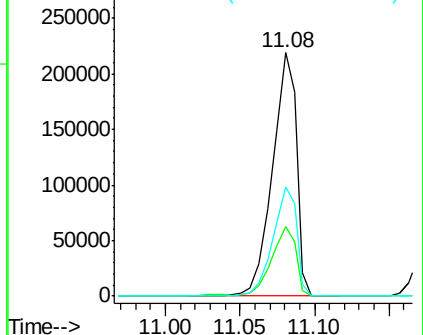
215 44.8 27.2 67.2

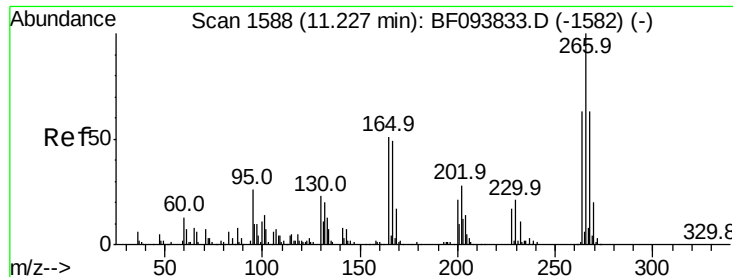


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 78.39 ng

RT: 11.18 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

ClientSampleId :

PB97859BS

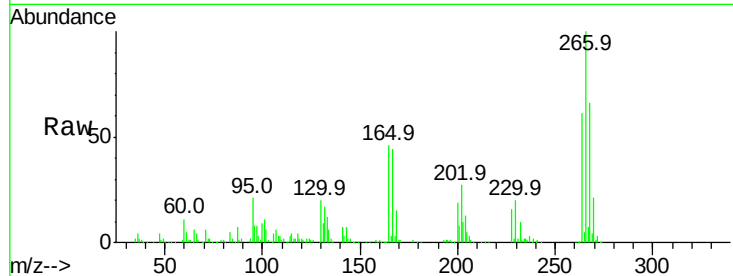
Tot Ion:266 Resp: 260929

Ion Ratio Lower Upper

266 100

268 65.7 51.1 76.7

264 61.2 51.7 77.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

300000

250000

200000

150000

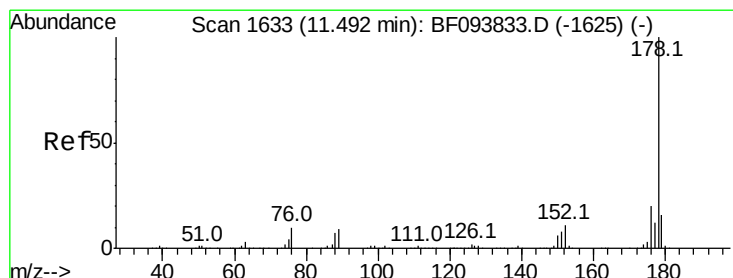
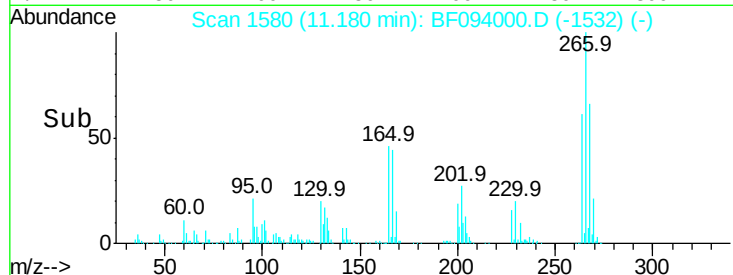
100000

50000

0

11.10 11.20 11.30

Time-->



#70

Phenanthrene

Concen: 43.20 ng

RT: 11.43 min Scan# 1623

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

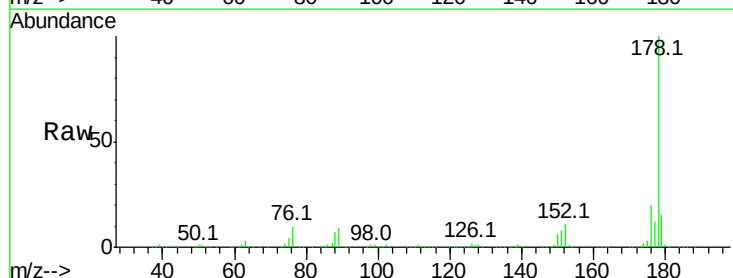
Tgt Ion:178 Resp: 1290740

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.4

179 15.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

1500000

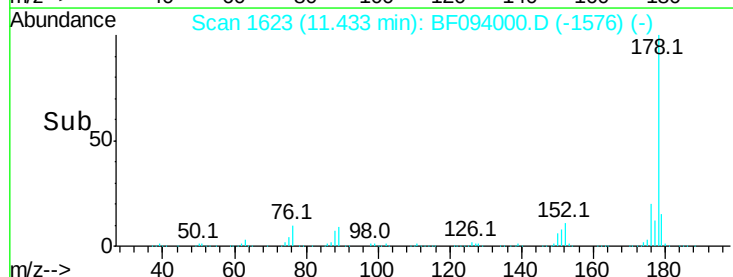
1000000

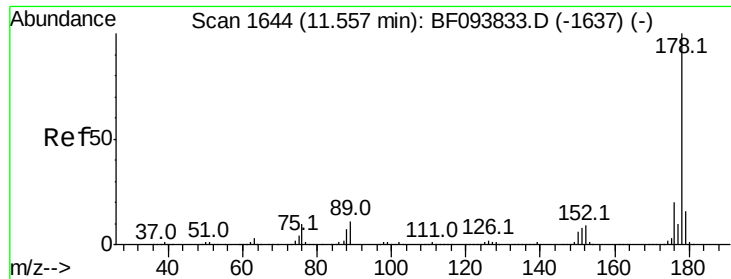
500000

0

11.35 11.40 11.45

Time-->



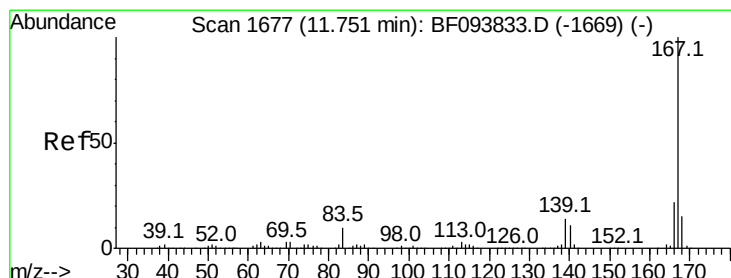
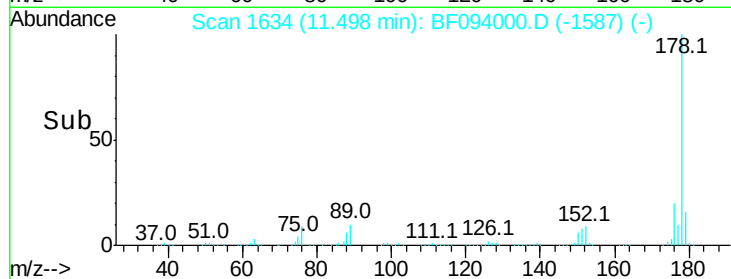
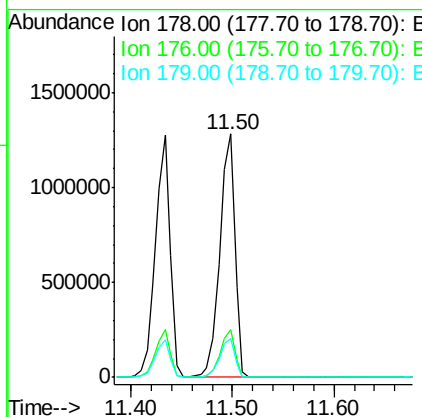
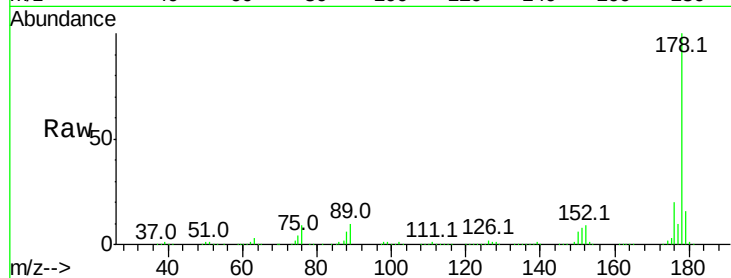


#71
 Anthracene
 Concen: 43.21 ng
 RT: 11.50 min Scan# 1634
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97859BS

Tot Ion:178 Resp: 1329447

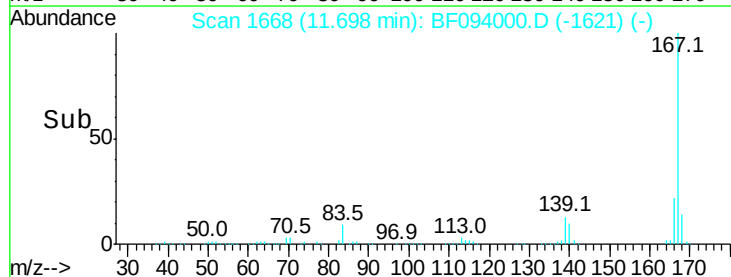
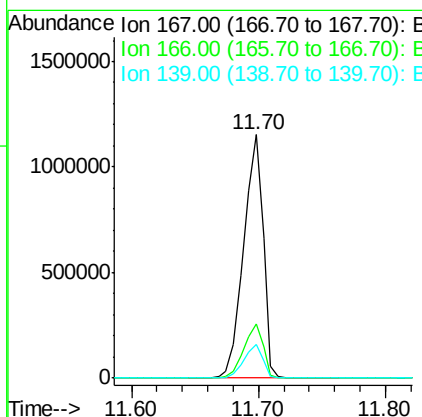
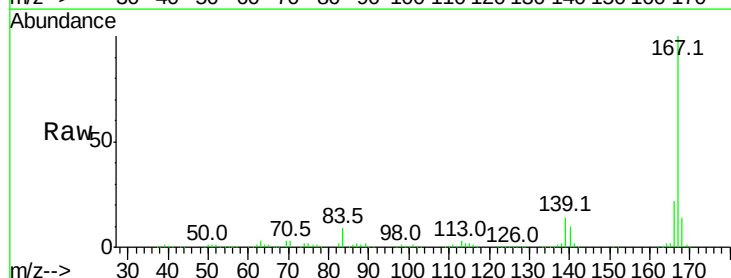
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	16.0	12.7	19.1

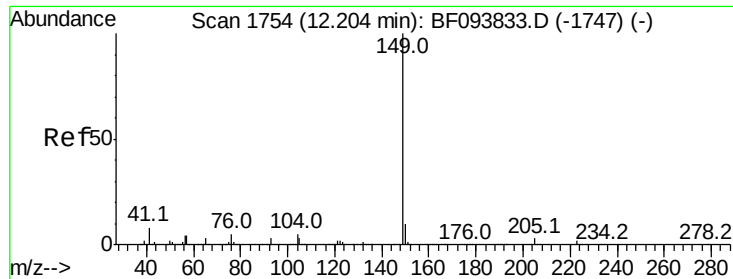


#72
 Carbazole
 Concen: 38.69 ng
 RT: 11.70 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Tgt Ion:167 Resp: 1220589

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.1	27.1
139	13.7	11.7	17.5





#73

Di-n-butylphthalate

Concen: 47.28 ng

RT: 12.15 min Scan# 1744

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

ClientSampleId :

PB97859BS

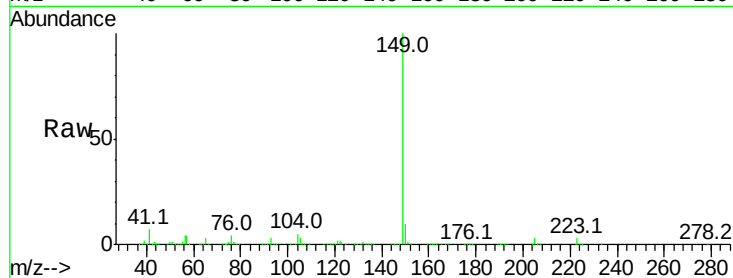
Tot Ion:149 Resp: 1551091

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

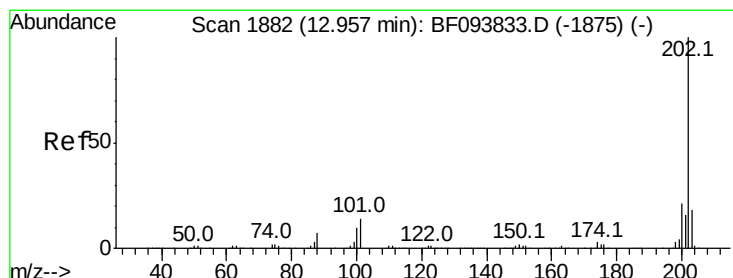
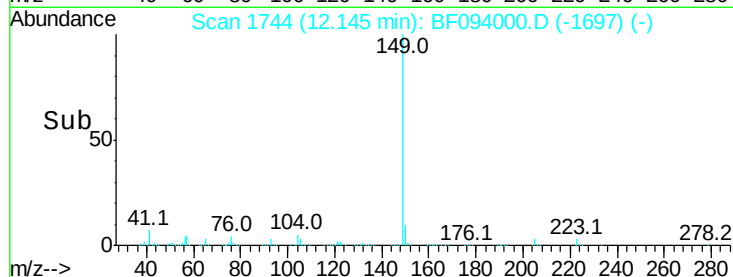
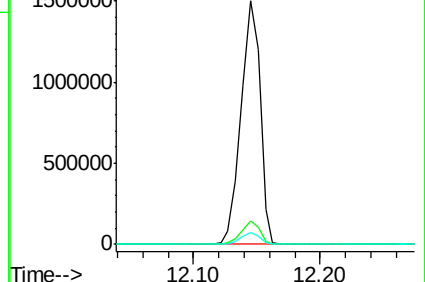
104 4.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.62 ng

RT: 12.89 min Scan# 1871

Delta R.T. -0.03 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

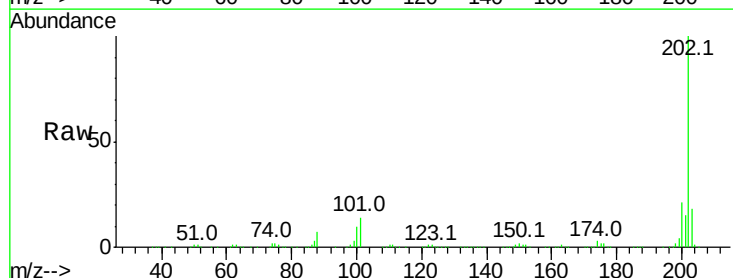
Tgt Ion:202 Resp: 1273353

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.2

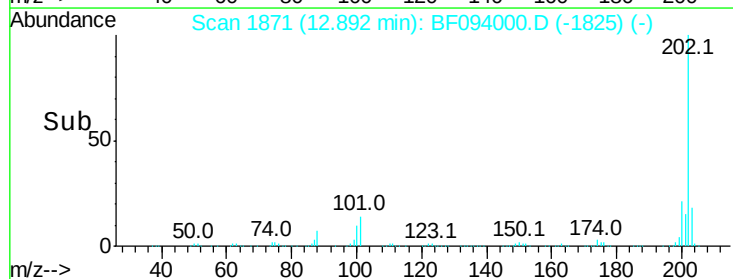
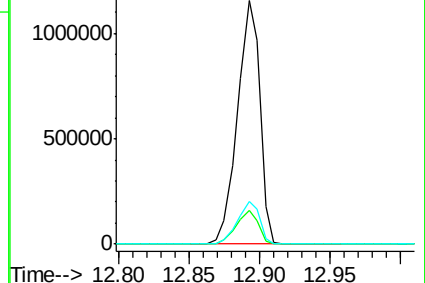
203 17.5 0.0 38.1

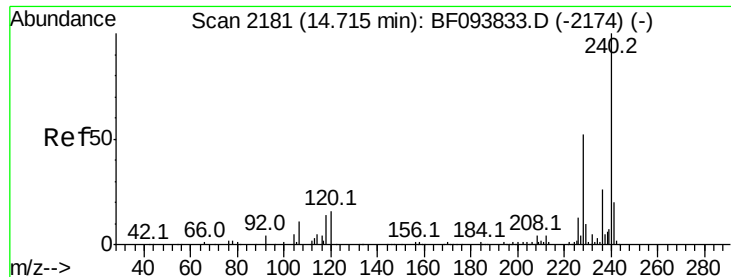


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.65 min Scan# 2170

Delta R.T. -0.03 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

ClientSampleId :

PB97859BS

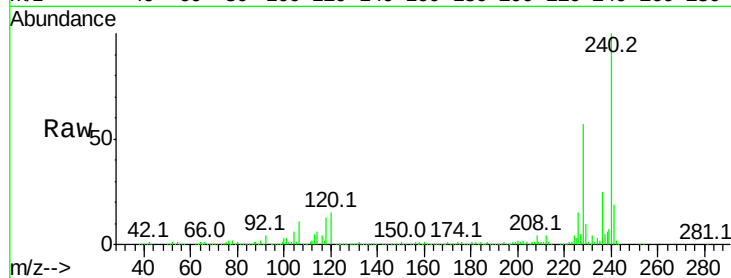
Tot Ion:240 Resp: 365585

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

236 24.9 20.5 30.7

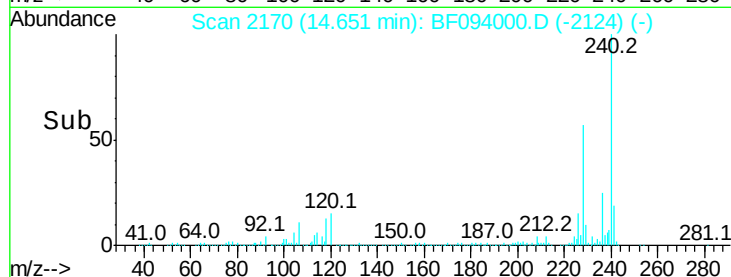


Abundance Ion 240.00 (239.70 to 240.70): E

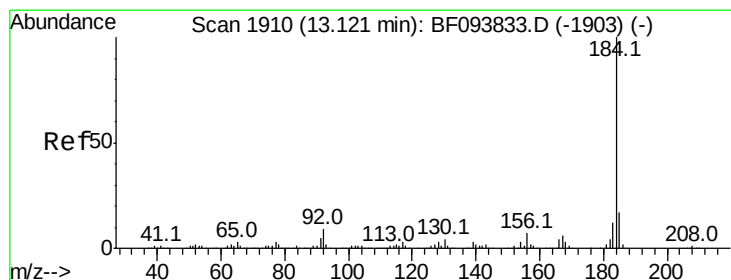
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.65



Time-->



#76

Benzidine

Concen: 21.63 ng

RT: 13.06 min Scan# 1899

Delta R.T. -0.03 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

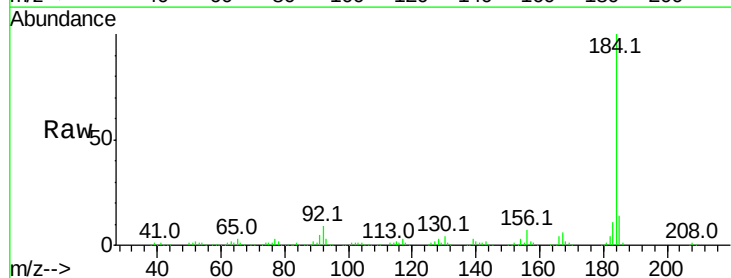
Tgt Ion:184 Resp: 312933

Ion Ratio Lower Upper

184 100

185 14.2 15.5 23.3#

183 11.5 9.8 14.6

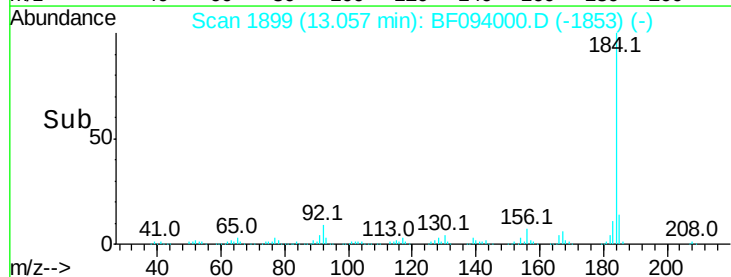


Abundance Ion 184.00 (183.70 to 184.70): E

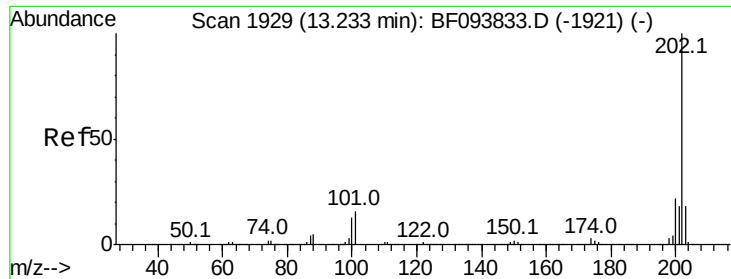
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

13.06



Time-->

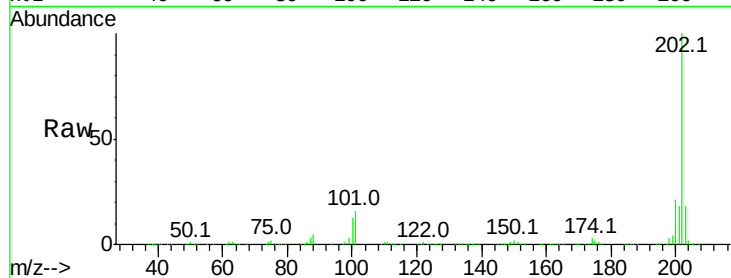


#77
Pvrene
Concen: 48.26 ng
RT: 13.17 min Scan# 1918
Delta R.T. -0.03 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

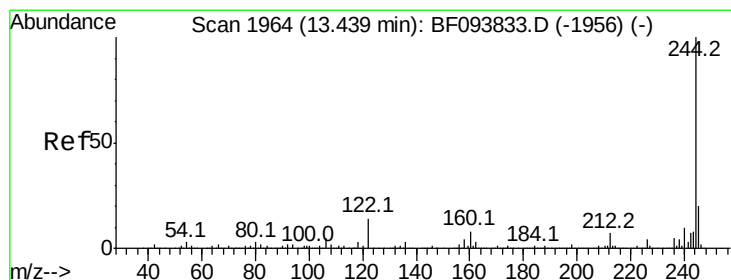
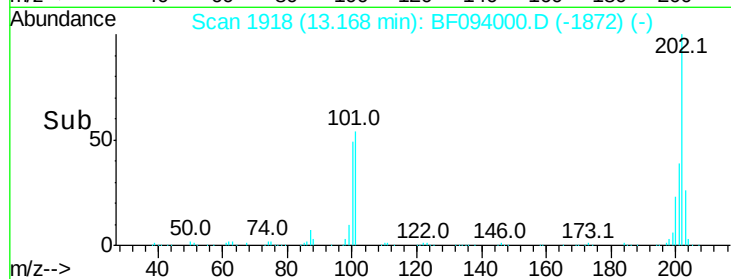
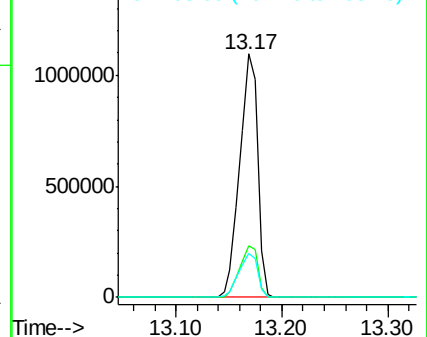
Instrument :
BNA_F
ClientSampleId :
PB97859BS

Tot Ion:202 Resp: 1280462

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	18.0	14.4	21.6



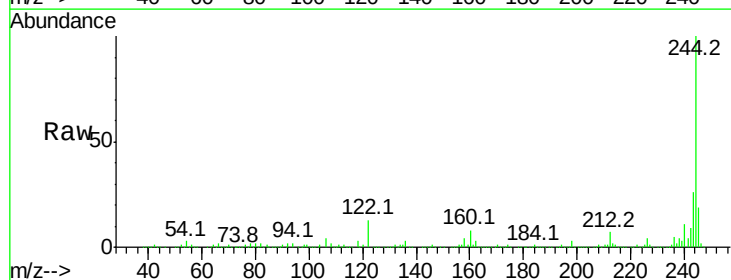
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



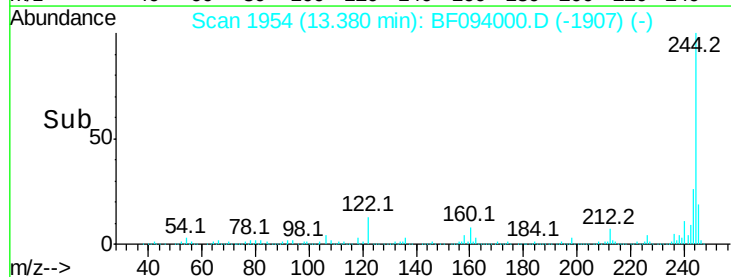
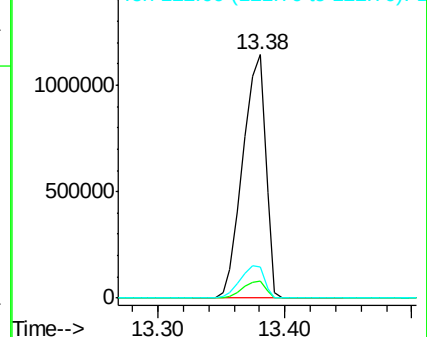
#78
Terphenyl-d14
Concen: 87.52 ng
RT: 13.38 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

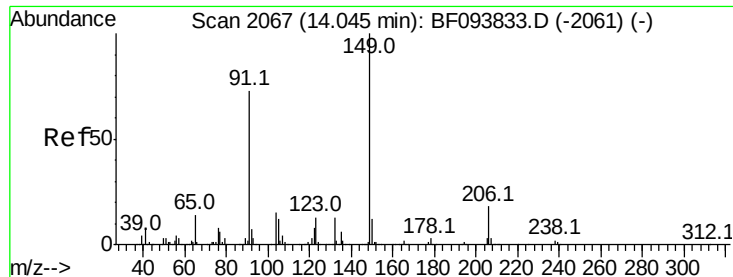
Tgt Ion:244 Resp: 1427451

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.0	10.3	15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

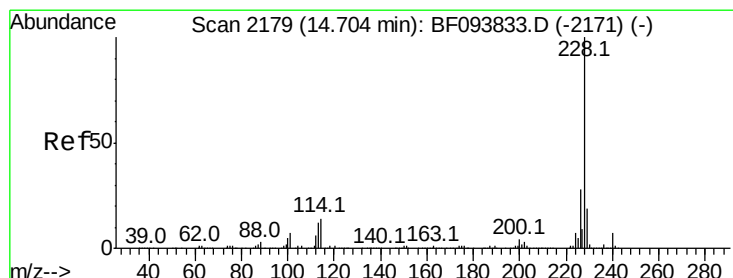
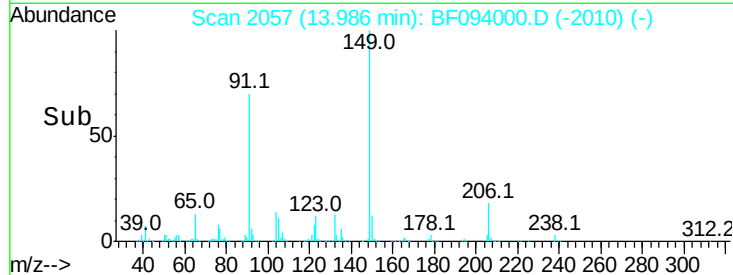
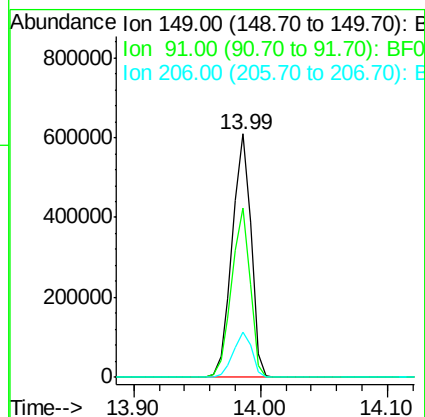
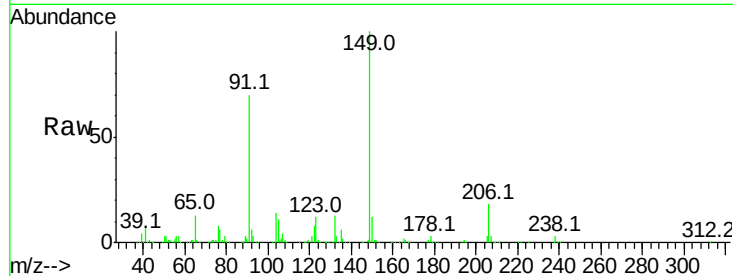




#79
Butylbenzylphthalate
Concen: 54.91 ng
RT: 13.99 min Scan# 2057
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

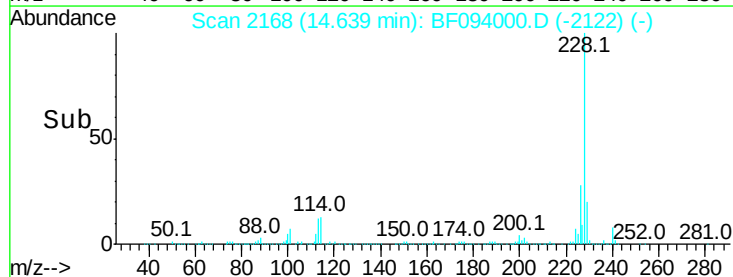
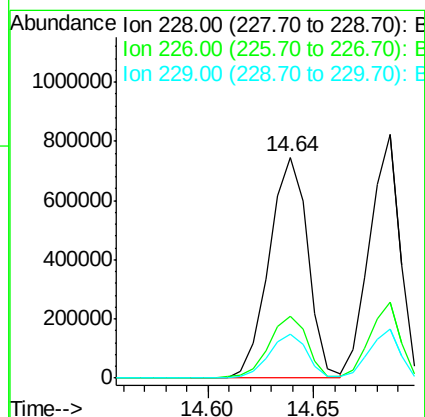
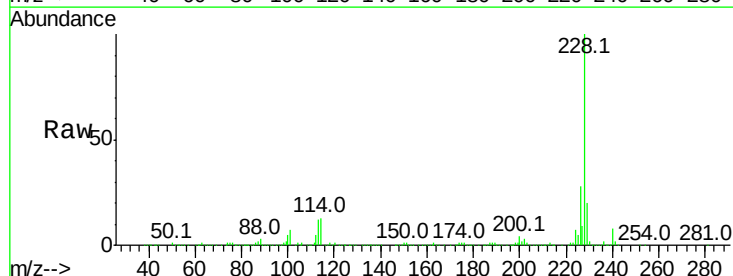
Instrument :
BNA_F
ClientSampleId :
PB97859BS

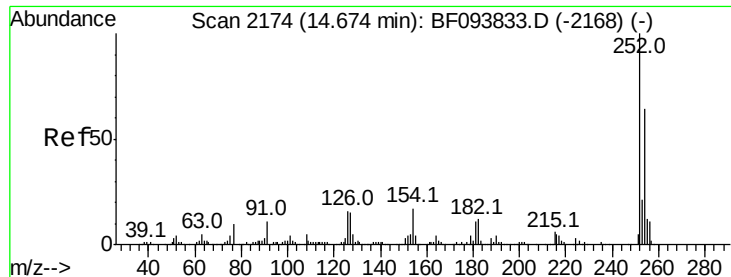
Tot Ion:149 Resp: 620689
Ion Ratio Lower Upper
149 100
91 69.6 45.0 67.4#
206 18.5 17.0 25.6



#80
Benzo(a)anthracene
Concen: 44.71 ng
RT: 14.64 min Scan# 2168
Delta R.T. -0.03 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Tgt Ion:228 Resp: 953199
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.1 16.3 24.5

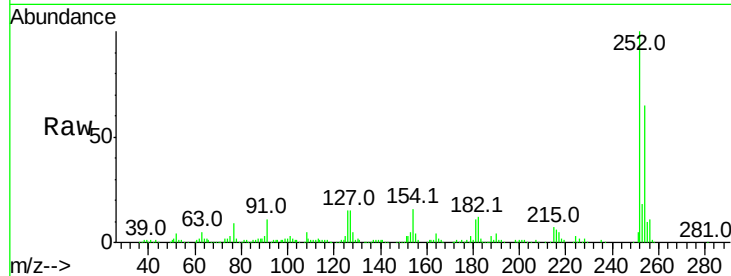




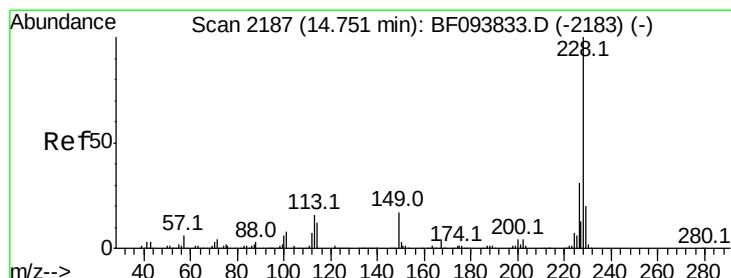
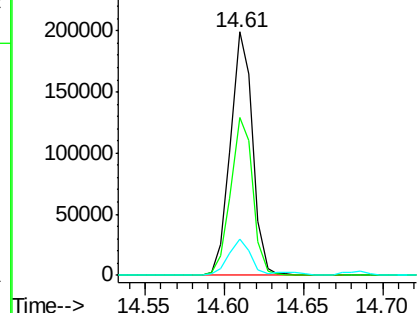
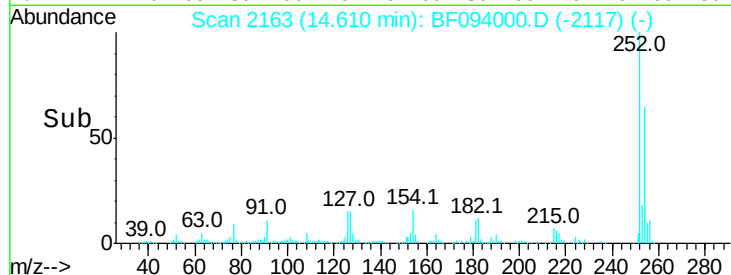
#81
 3,3'-Dichlorobenzidine
 Concen: 25.34 ng
 RT: 14.61 min Scan# 2163
 Delta R.T. -0.03 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97859BS

Tot Ion:252 Resp: 193119
 Ion Ratio Lower Upper
 252 100
 254 64.6 51.5 77.3
 126 15.1 15.8 23.8#

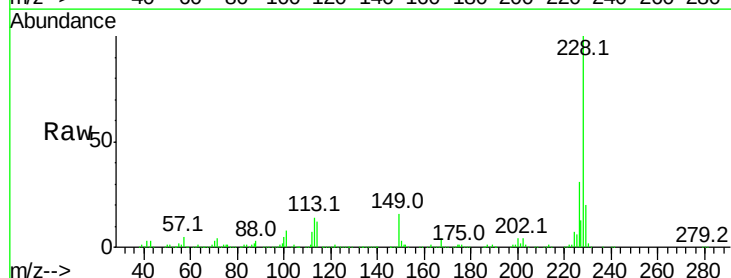


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

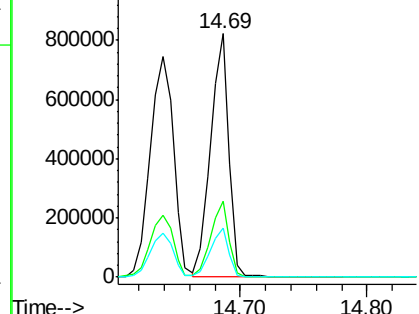
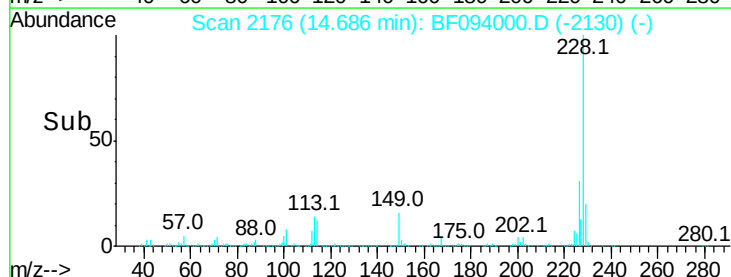


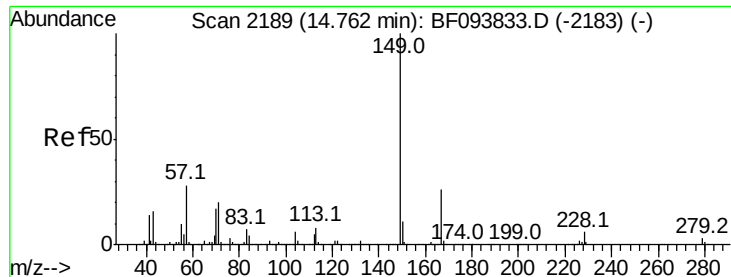
#82
 Chrysene
 Concen: 42.06 ng
 RT: 14.69 min Scan# 2176
 Delta R.T. -0.03 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Tgt Ion:228 Resp: 832101
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.9 37.3
 229 20.0 15.8 23.6



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

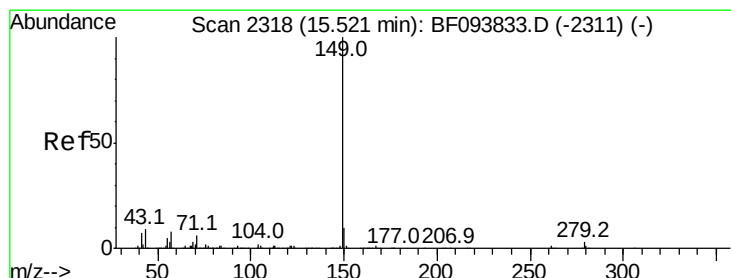
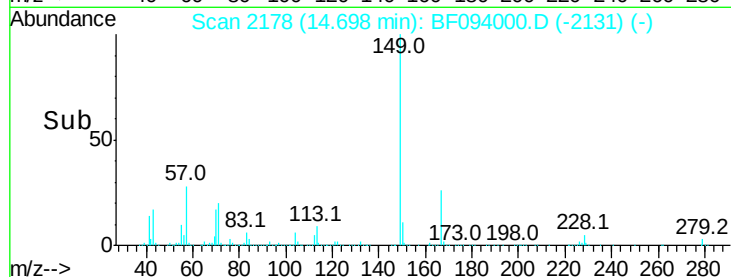
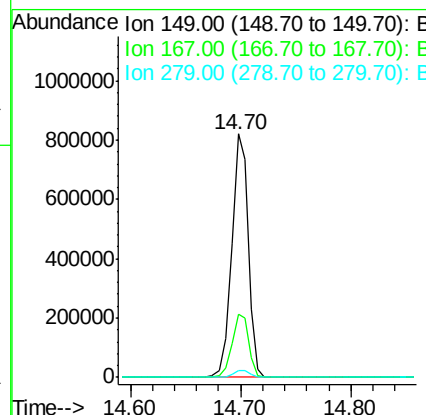
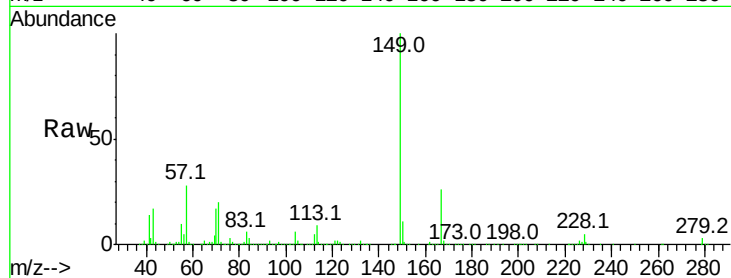




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.54 ng
 RT: 14.70 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

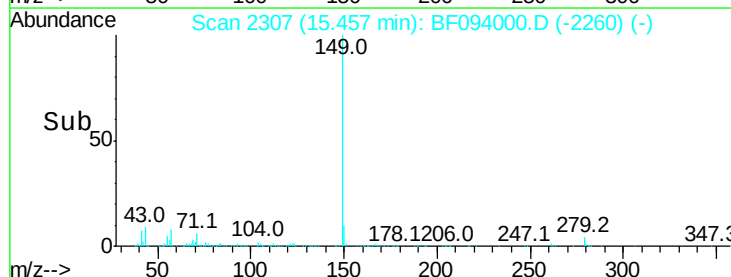
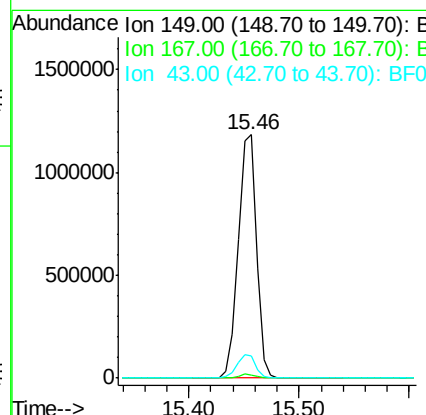
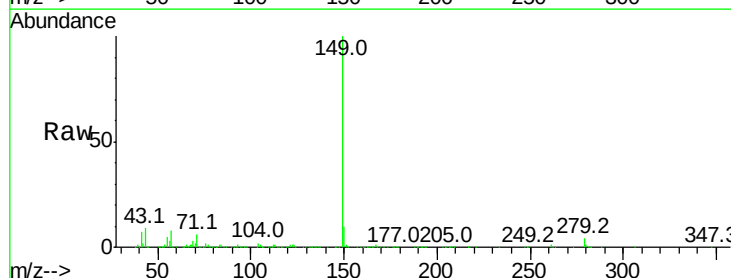
Instrument :
 BNA_F
 ClientSampleId :
 PB97859BS

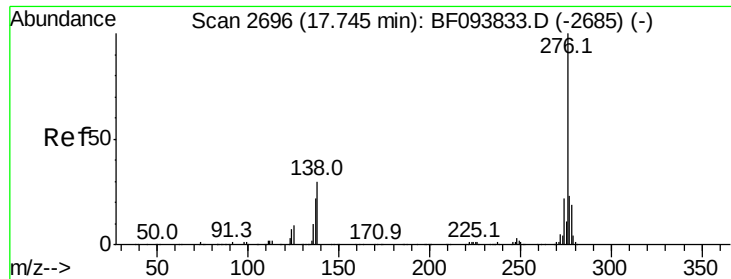
Tot Ion:149 Resp: 856541
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.0 31.4
 279 2.8 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 53.55 ng
 RT: 15.46 min Scan# 2307
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Tgt Ion:149 Resp: 1379724
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.5 8.5 12.7

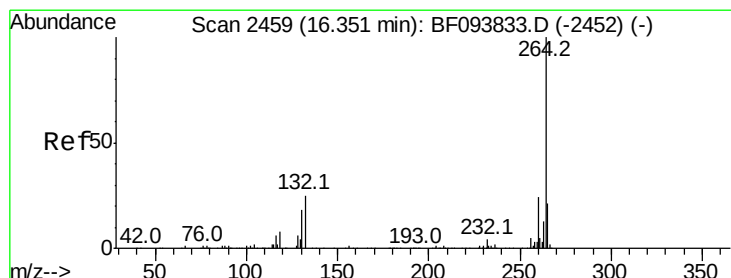
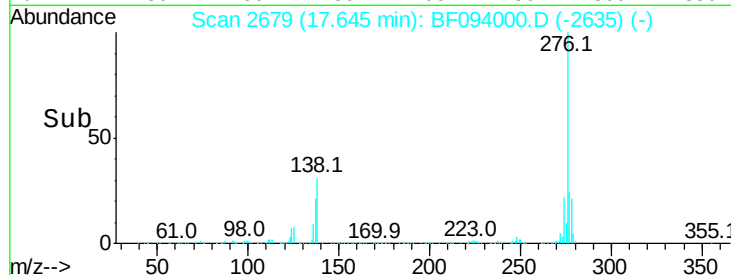
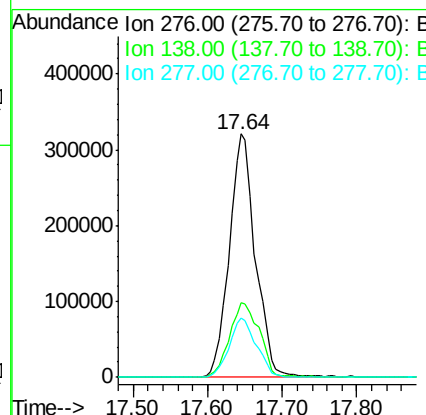
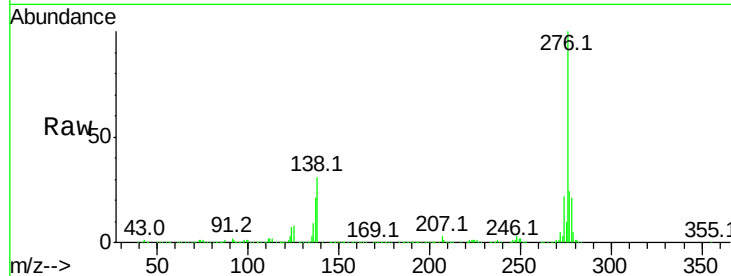




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.74 ng
 RT: 17.64 min Scan# 2679
 Delta R.T. -0.04 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

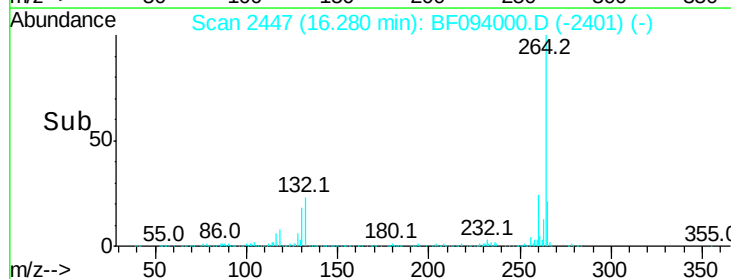
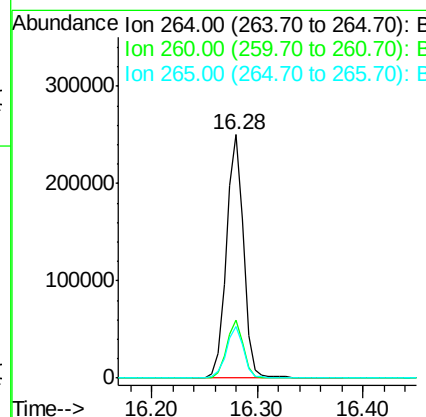
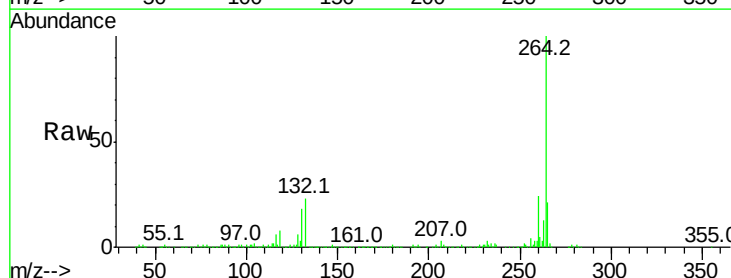
Instrument :
 BNA_F
 ClientSampleId :
 PB97859BS

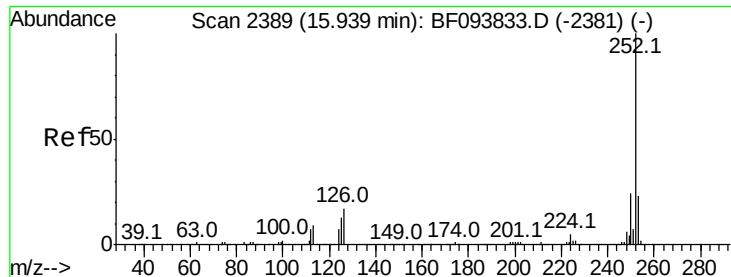
Tot Ion:276 Resp: 783710
 Ion Ratio Lower Upper
 276 100
 138 34.9 27.8 41.6
 277 25.4 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.28 min Scan# 2447
 Delta R.T. -0.03 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Tgt Ion:264 Resp: 284234
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.3 17.2 25.8

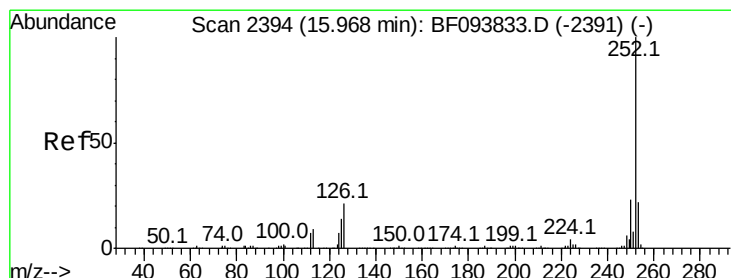
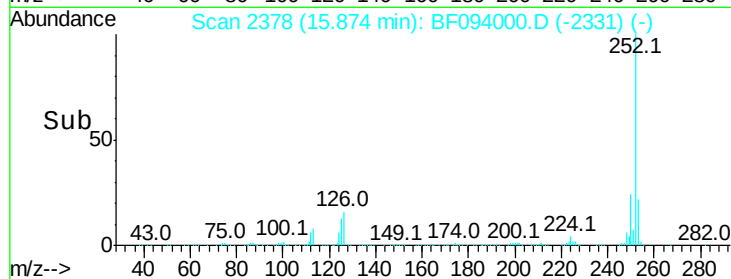
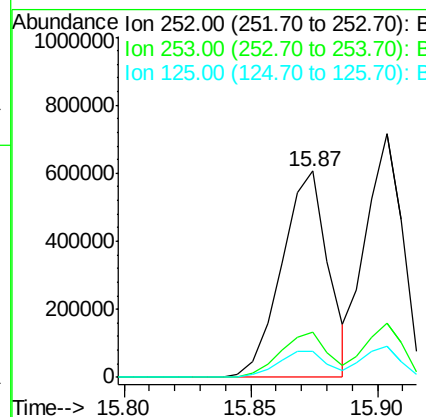
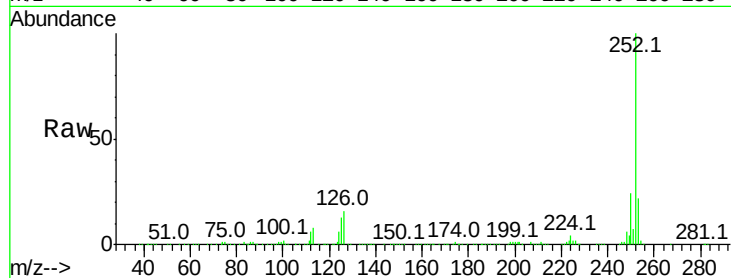




#87
Benzo(b)fluoranthene
Concen: 44.49 ng
RT: 15.87 min Scan# 2378
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

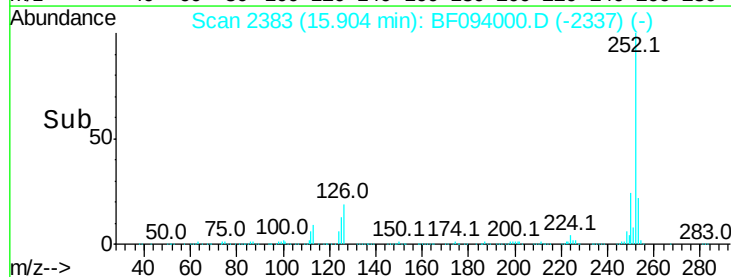
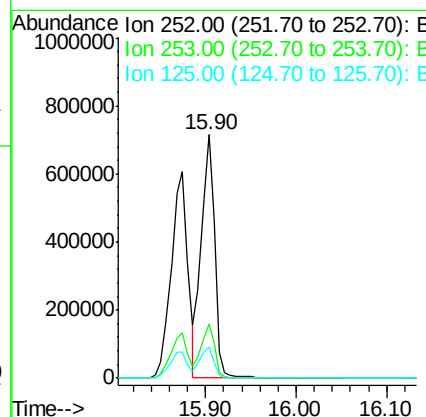
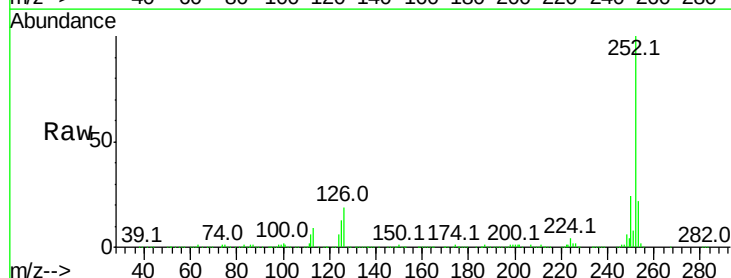
Instrument :
BNA_F
ClientSampleId :
PB97859BS

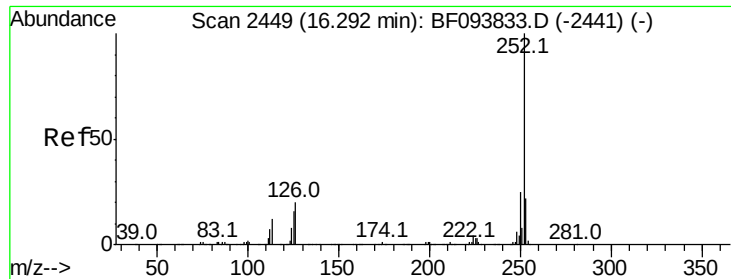
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.8	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 43.47 ng
RT: 15.90 min Scan# 2383
Delta R.T. -0.03 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	13.0	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 45.46 ng

RT: 16.22 min Scan# 2437

Delta R.T. -0.03 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

ClientSampleId :

PB97859BS

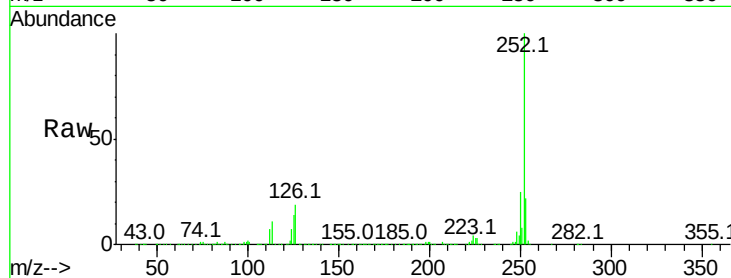
Tot Ion:252 Resp: 729401

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

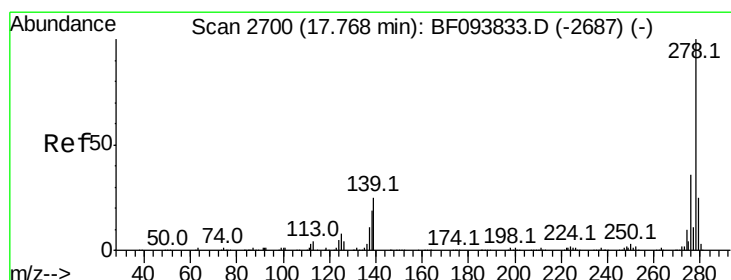
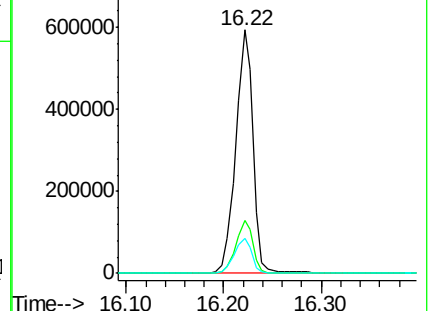
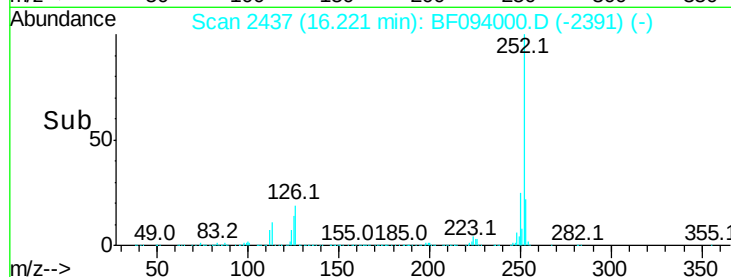
125 14.5 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.09 ng

RT: 17.67 min Scan# 2683

Delta R.T. -0.04 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

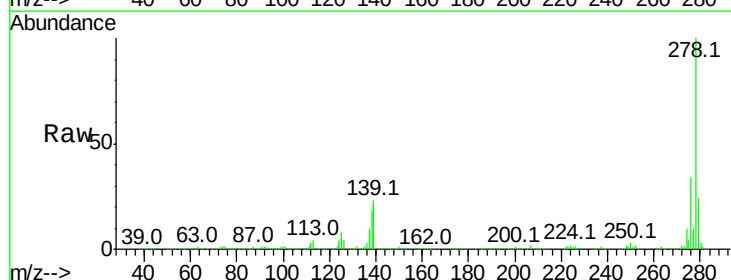
Tgt Ion:278 Resp: 653423

Ion Ratio Lower Upper

278 100

139 22.5 16.6 24.8

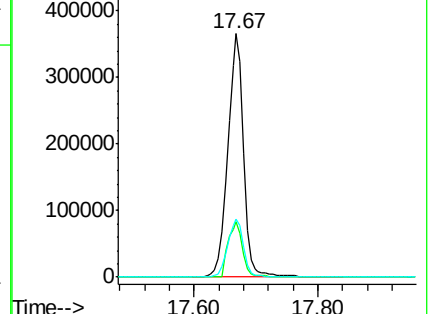
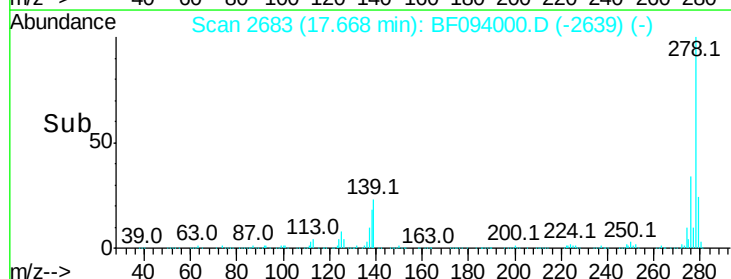
279 23.9 19.3 28.9

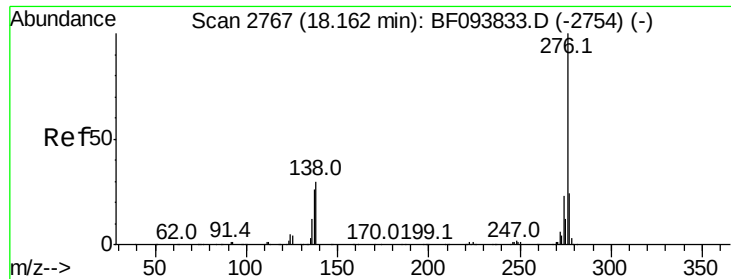


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 46.48 ng

RT: 18.05 min Scan# 2748

Delta R.T. -0.05 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

ClientSampleId :

PB97859BS

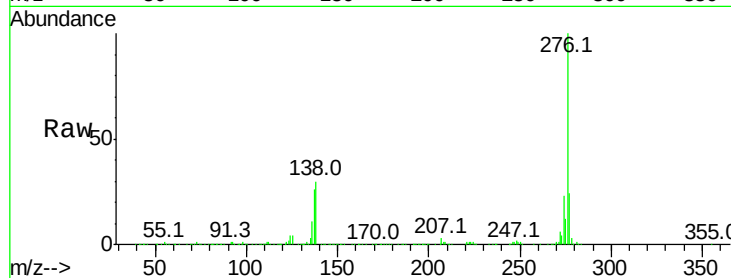
Tot Ion:276 Resp: 636518

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 29.9 25.4 38.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

