

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094305.D
 Acq On : 10 Apr 2017 12:33
 Operator : SJ/MA
 Sample : PB98126BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 00:43:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	160440	20.00	ng	-0.02
21) Naphthalene-d8	7.35	136	646054	20.00	ng	-0.02
38) Acenaphthene-d10	9.49	164	294270	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	507802	20.00	ng	-0.01
75) Chrysene-d12	14.56	240	376083	20.00	ng	-0.01
86) Perylene-d12	16.18	264	261783	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	805023	84.75	ng	0.02
7) Phenol-d6	5.48	99	976694	83.11	ng	0.02
23) Nitrobenzene-d5	6.49	82	896249	79.17	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	206638	88.86	ng	-0.01
44) 2-Fluorobiphenyl	8.67	172	1620500	83.99	ng	-0.02
78) Terphenyl-d14	13.29	244	1302902	77.65	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.26	88	160085	35.08	ng	98
3) Pyridine	2.74	79	470415	37.82	ng	99
4) n-Nitrosodimethylamine	2.70	42	206515	40.35	ng	92
6) Aniline	5.46	93	256705	15.70	ng	98
8) 2-Chlorophenol	5.62	128	451881	43.28	ng	97
9) Benzaldehyde	5.33	77	198971	25.08	ng	98
10) Phenol	5.49	94	541840	40.52	ng	92
11) bis(2-Chloroethyl)ether	5.55	93	422795	40.46	ng	98
12) 1,3-Dichlorobenzene	5.77	146	477968	40.81	ng	99
13) 1,4-Dichlorobenzene	5.86	146	484244	40.82	ng	95
14) 1,2-Dichlorobenzene	6.03	146	439403	40.22	ng	98
15) Benzyl Alcohol	6.02	79	339945	39.52	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.17	45	564195	35.04	ng	58
17) 2-Methylphenol	6.18	107	358030	40.04	ng	94
18) Hexachloroethane	6.43	117	170797	40.97	ng	# 87
19) n-Nitroso-di-n-propylamine	6.33	70	322196	42.66	ng	97
20) 3+4-Methylphenols	6.36	107	497950	45.98	ng	# 63
22) Acetophenone	6.32	105	614575	42.68	ng	# 86
24) Nitrobenzene	6.52	77	450221	40.32	ng	92
25) Isophorone	6.80	82	795676	40.00	ng	95
26) 2-Nitrophenol	6.89	139	248848	46.74	ng	99
27) 2,4-Dimethylphenol	6.97	122	397992	43.38	ng	99
28) bis(2-Chloroethoxy)methane	7.06	93	527751	40.23	ng	99
29) 2,4-Dichlorophenol	7.20	162	376232	43.86	ng	99
30) 1,2,4-Trichlorobenzene	7.28	180	375086	42.45	ng	98
31) Naphthalene	7.37	128	1251537	40.29	ng	99
32) Benzoic acid	7.15	122	172091	28.18	ng	99
33) 4-Chloroaniline	7.44	127	122361	9.72	ng	93
34) Hexachlorobutadiene	7.52	225	187019	41.28	ng	97
35) Caprolactam	7.89	113	63532	23.22	ng	89
36) 4-Chloro-3-methylphenol	8.09	107	391520	43.68	ng	92
37) 2-Methylnaphthalene	8.22	142	880056	42.50	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.42	216	327099	40.63	ng	99
40) Hexachlorocyclopentadiene	8.41	237	321853	85.44	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094305.D
 Acq On : 10 Apr 2017 12:33
 Operator : SJ/MA
 Sample : PB98126BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

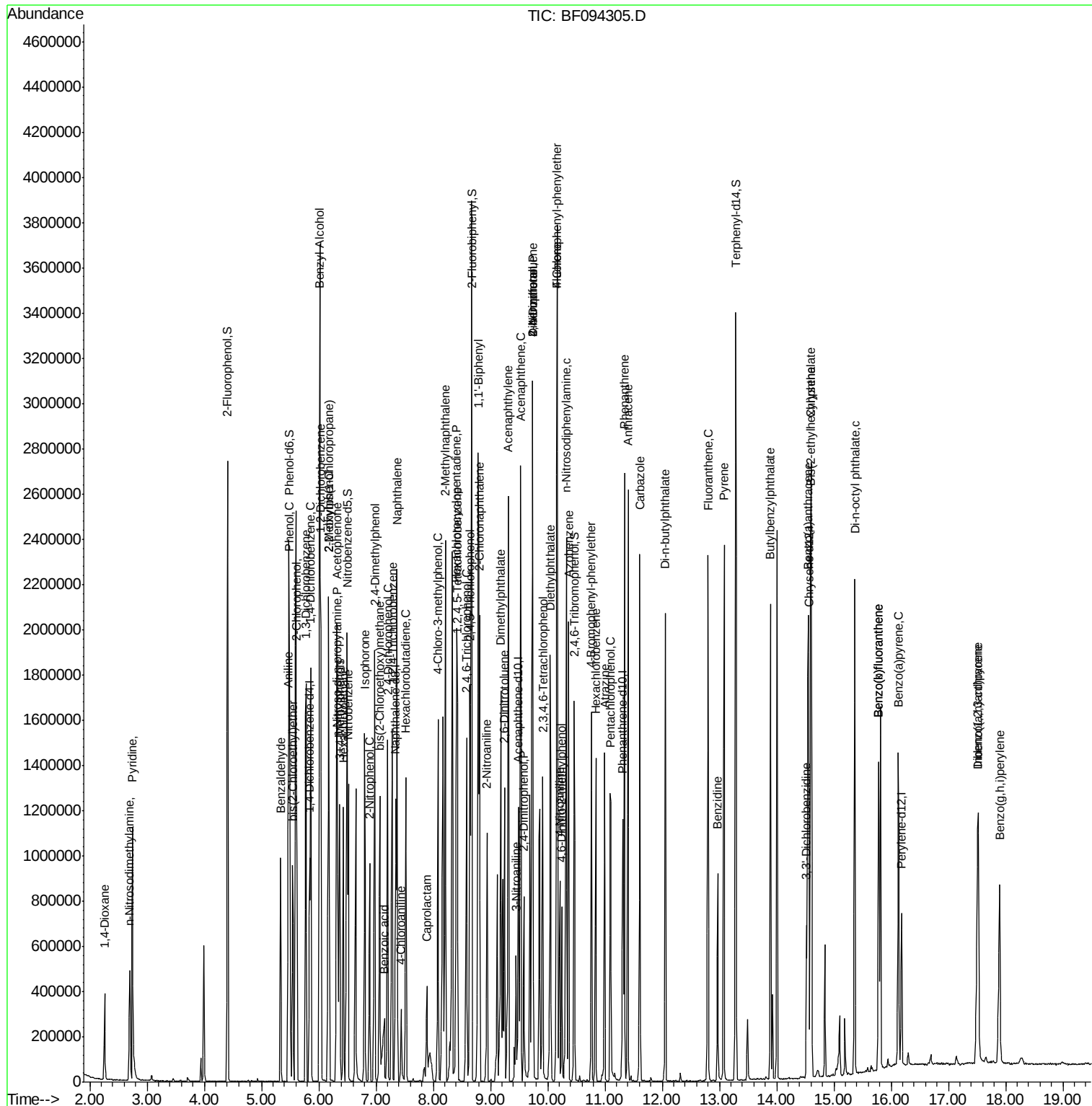
Instrument :
 BNA_F
 ClientSampleId :

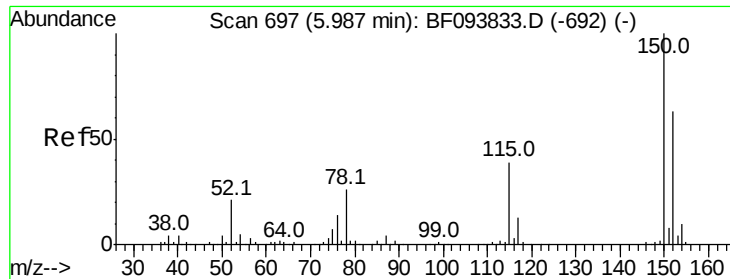
Quant Time: Apr 11 00:43:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.58	196	253378	44.49	nq	97
43) 2,4,5-Trichlorophenol	8.64	196	251307	40.78	nq	95
45) 1,1'-Biphenyl	8.79	154	965724	40.69	nq	98
46) 2-Chloronaphthalene	8.81	162	771603	41.53	nq	95
47) 2-Nitroaniline	8.94	65	230253	41.78	nq	88
48) Acenaphthylene	9.32	152	1208826	39.15	nq	99
49) Dimethylphthalate	9.18	163	901045	43.08	nq	99
50) 2,6-Dinitrotoluene	9.25	165	203819	42.51	nq	# 90
51) Acenaphthene	9.53	154	720033	39.96	nq	100
52) 3-Nitroaniline	9.45	138	100272	17.81	nq	90
53) 2,4-Dinitrophenol	9.59	184	142554	56.98	nq	# 66
54) Dibenzofuran	9.74	168	1009085	41.14	nq	98
55) 4-Nitrophenol	9.74	139	669153	151.75	nq	# 32
56) 2,4-Dinitrotoluene	9.74	165	239328	39.73	nq	# 64
57) Fluorene	10.16	166	793015	38.99	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	182616	43.19	nq	98
59) Diethylphthalate	10.05	149	868005	41.98	nq	100
60) 4-Chlorophenyl-phenylether	10.17	204	341780	39.44	nq	90
61) 4-Nitroaniline	10.21	138	194456	35.99	nq	97
62) Azobenzene	10.36	77	840946	43.00	nq	96
64) 4,6-Dinitro-2-methylphenol	10.25	198	112249	36.09	nq	# 73
65) n-Nitrosodiphenylamine	10.32	169	728850	41.50	nq	98
66) 4-Bromophenyl-phenylether	10.76	248	213465	42.74	nq	96
67) Hexachlorobenzene	10.84	284	217535	43.03	nq	# 88
68) Atrazine	11.00	200	217248	41.30	nq	97
69) Pentachlorophenol	11.10	266	171832	54.61	nq	100
70) Phenanthrene	11.34	178	1160408	41.08	nq	99
71) Anthracene	11.40	178	1190214	40.92	nq	99
72) Carbazole	11.61	167	1113181	37.32	nq	97
73) Di-n-butylphthalate	12.06	149	1333007	42.98	nq	98
74) Fluoranthene	12.80	202	1179434	40.77	nq	98
76) Benzidine	12.97	184	353727	23.76	nq	# 94
77) Pyrene	13.08	202	1179547	43.22	nq	99
79) Butylbenzylphthalate	13.89	149	550031	47.30	nq	# 84
80) Benzo(a)anthracene	14.55	228	919184	41.91	nq	100
81) 3,3'-Dichlorobenzidine	14.52	252	128389	16.38	nq	# 96
82) Chrysene	14.59	228	795633	39.09	nq	99
83) Bis(2-ethylhexyl)phthalate	14.61	149	744908	46.95	nq	# 99
84) Di-n-octyl phthalate	15.36	149	1184268	44.68	nq	98
85) Indeno(1,2,3-cd)pyrene	17.51	276	664391	37.69	nq	99
87) Benzo(b)fluoranthene	15.78	252	708736	44.17	nq	98
88) Benzo(k)fluoranthene	15.78	252	708736	45.14	nq	96
89) Benzo(a)pyrene	16.13	252	620440	41.99	nq	99
90) Dibenzo(a,h)anthracene	17.53	278	550238	43.97	nq	98
91) Benzo(g,h,i)perylene	17.90	276	567338	44.98	nq	97

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

Quant Time: Apr 11 00:43:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.84 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

Instrument :

BNA_F

ClientSampleId :

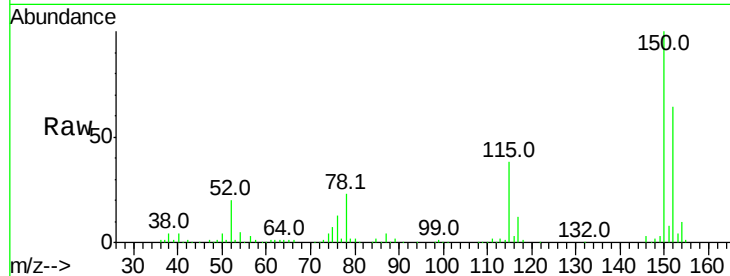
Tot Ion:152 Resp: 160440

Ion Ratio Lower Upper

152 100

150 157.1 126.2 189.2

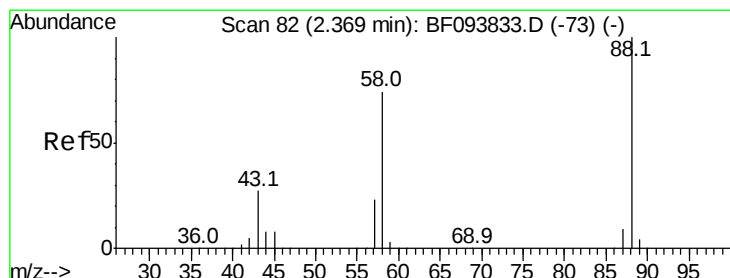
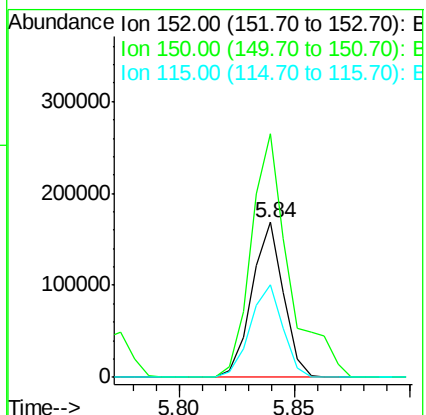
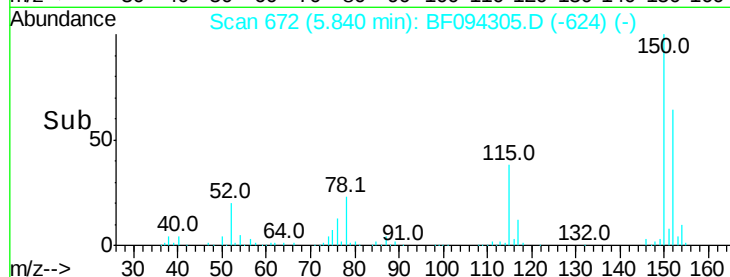
115 59.5 52.2 78.2



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: 35.08 ng

RT: 2.26 min Scan# 63

Delta R.T. 0.05 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

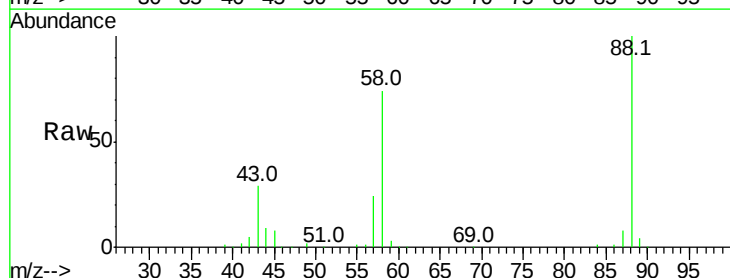
Tgt Ion: 88 Resp: 160085

Ion Ratio Lower Upper

88 100

58 75.6 61.4 92.0

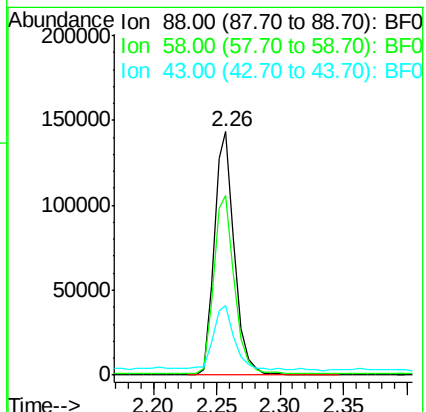
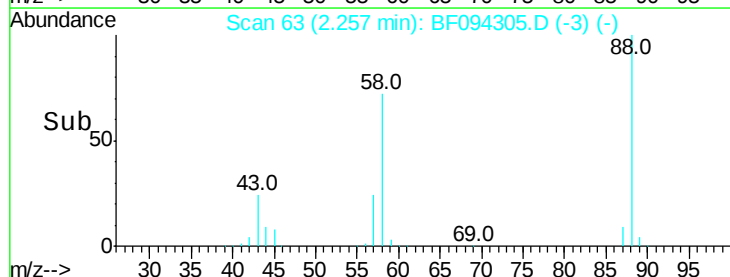
43 27.9 23.4 35.0

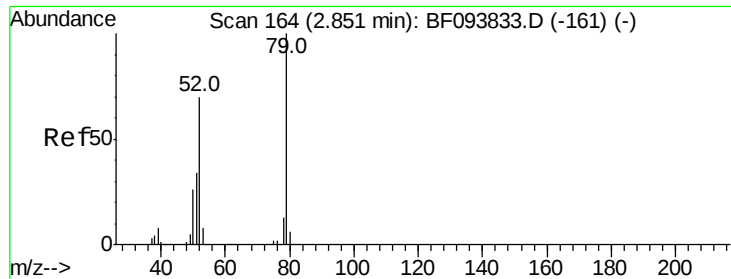


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.82 ng

RT: 2.74 min Scan# 145

Delta R.T. 0.04 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

Instrument :

BNA_F

ClientSampled :

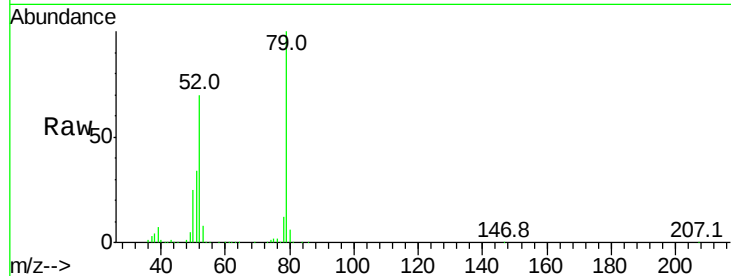
Tot Ion: 79 Resp: 470415

Ion Ratio Lower Upper

79 100

52 70.1 54.8 82.2

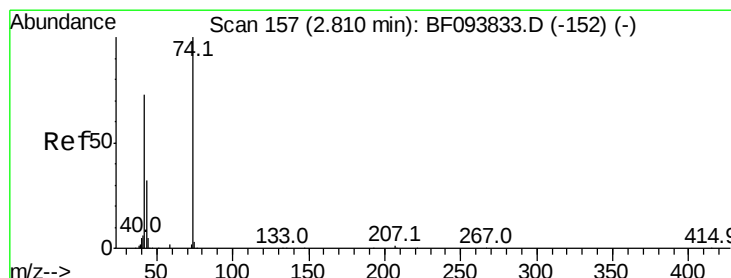
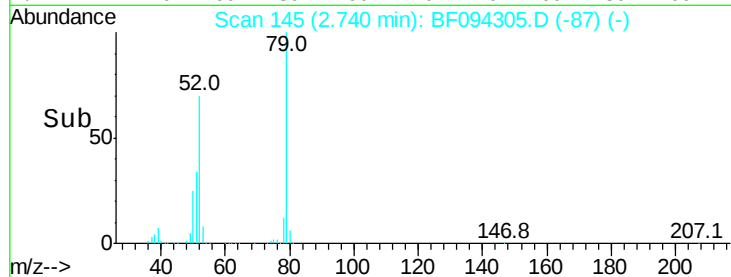
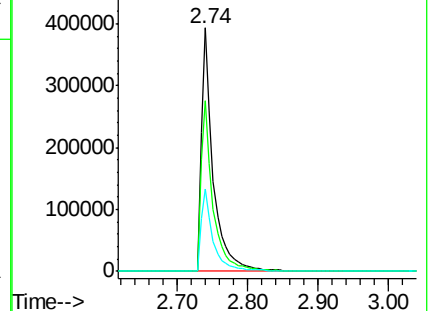
51 34.0 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.35 ng

RT: 2.70 min Scan# 138

Delta R.T. 0.03 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

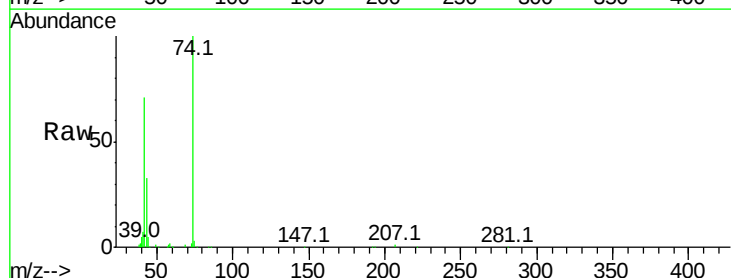
Tgt Ion: 42 Resp: 206515

Ion Ratio Lower Upper

42 100

74 140.2 103.9 155.9

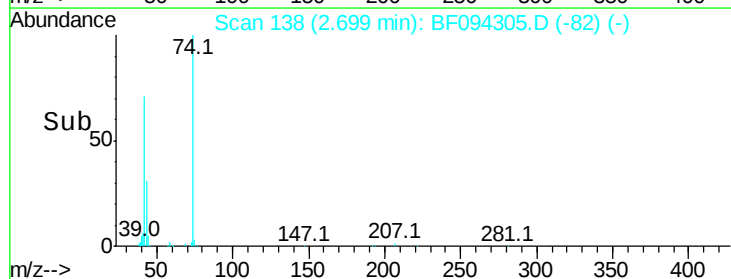
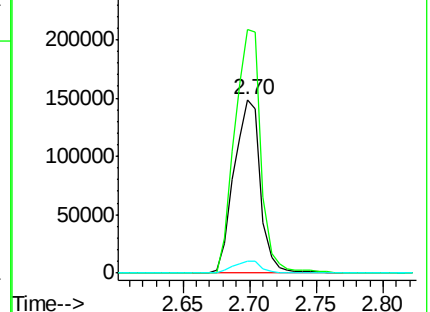
44 7.1 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

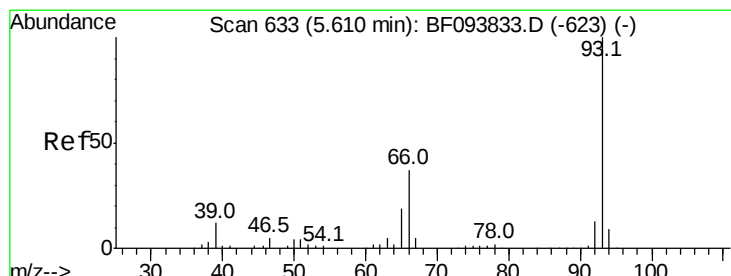
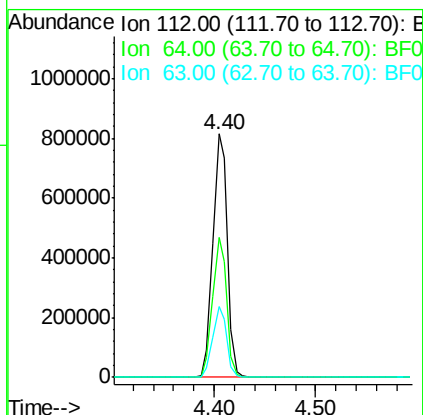
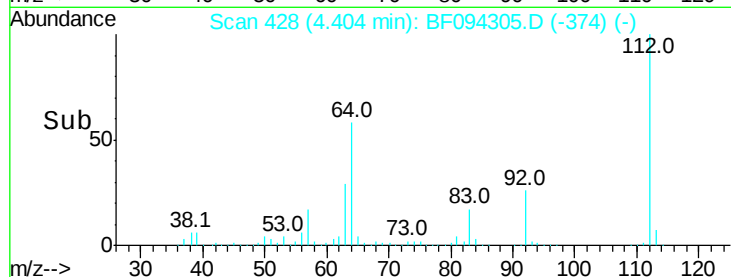
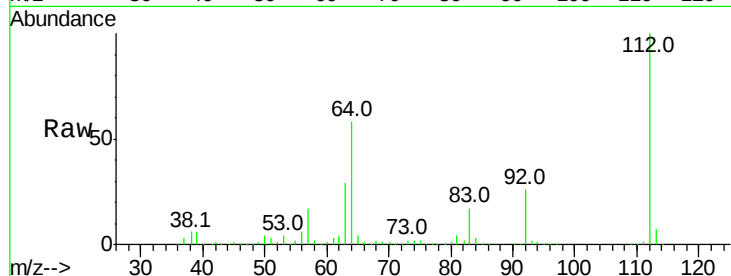




#5
 2-Fluorophenol
 Concen: 84.75 ng
 RT: 4.40 min Scan# 428
 Delta R.T. 0.02 min
 Lab File: BF094305.D
 Acq: 10 Apr 2017 12:33

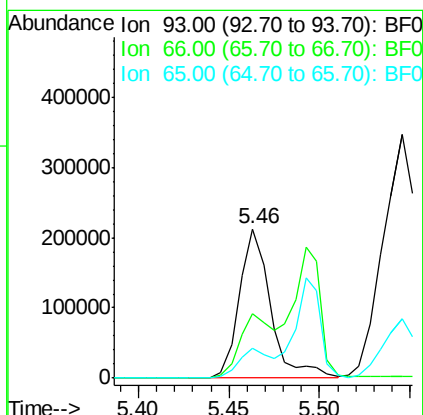
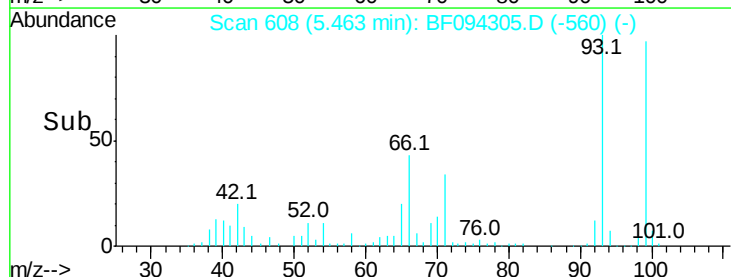
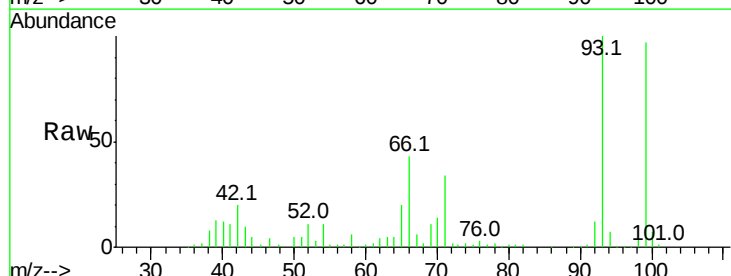
Instrument :
 BNA_F
 ClientSampled :

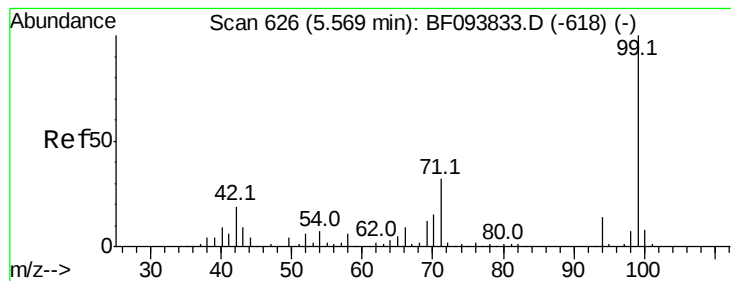
Tot Ion:112 Resp: 805023
 Ion Ratio Lower Upper
 112 100
 64 57.6 46.0 69.0
 63 29.0 23.4 35.0



#6
 Aniline
 Concen: 15.70 ng
 RT: 5.46 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF094305.D
 Acq: 10 Apr 2017 12:33

Tgt Ion: 93 Resp: 256705
 Ion Ratio Lower Upper
 93 100
 66 43.0 32.9 49.3
 65 20.3 16.0 24.0





#7

Phenol-d6

Concen: 83.11 ng

RT: 5.48 min Scan# 611

Delta R.T. 0.02 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

Instrument :

BNA_F

ClientSampleId :

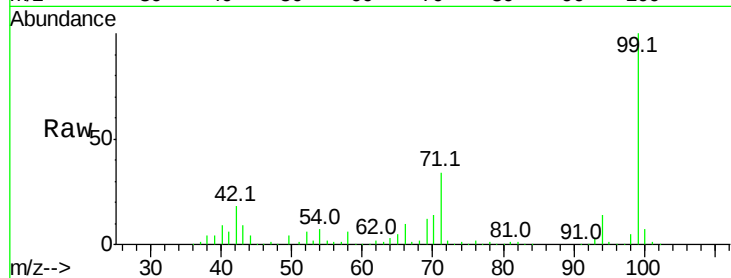
Tot Ion: 99 Resp: 976694

Ion Ratio Lower Upper

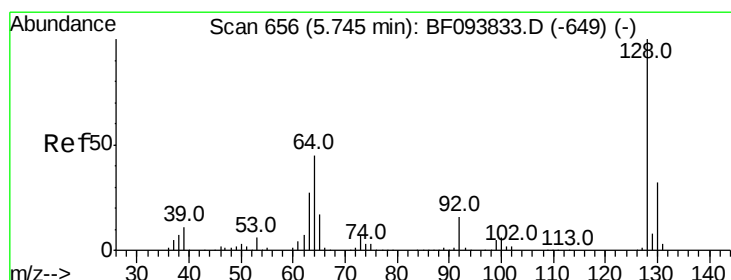
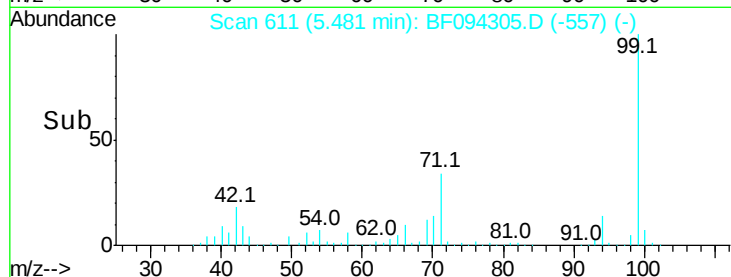
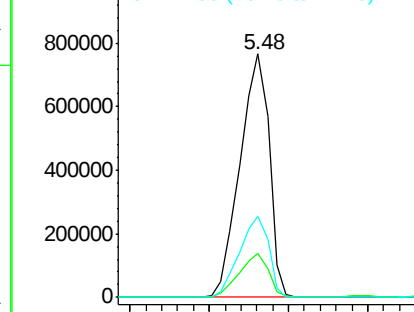
99 100

42 18.0 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: 43.28 ng

RT: 5.62 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

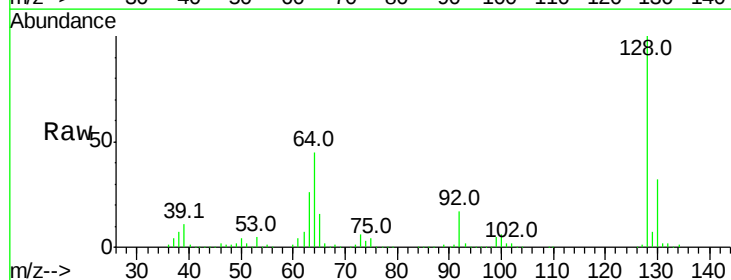
Tgt Ion: 128 Resp: 451881

Ion Ratio Lower Upper

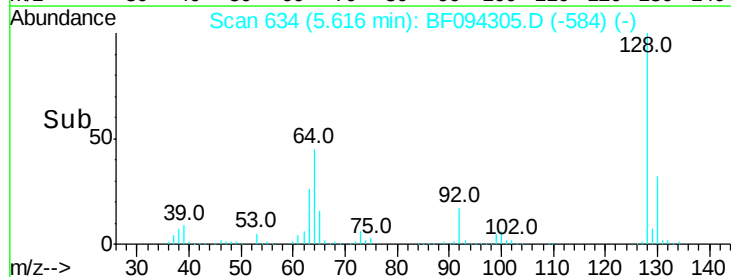
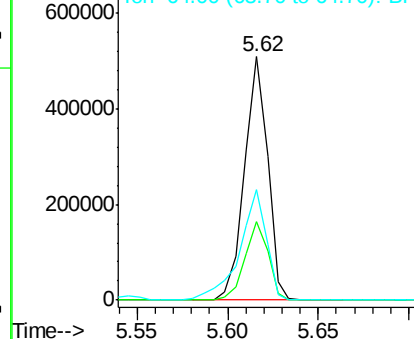
128 100

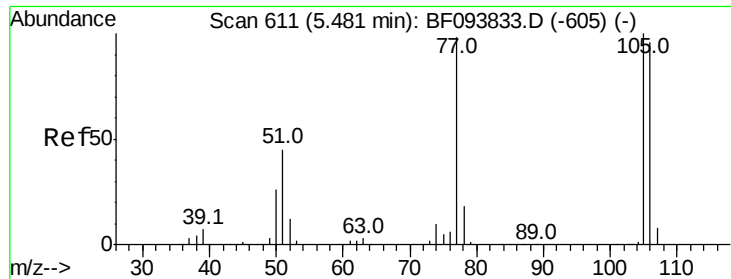
130 32.3 12.9 52.9

64 45.2 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: 25.08 ng

RT: 5.33 min Scan# 586

Delta R.T. -0.02 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

Instrument :

BNA_F

ClientSampled :

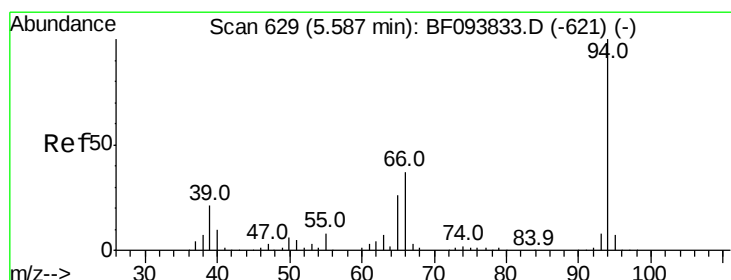
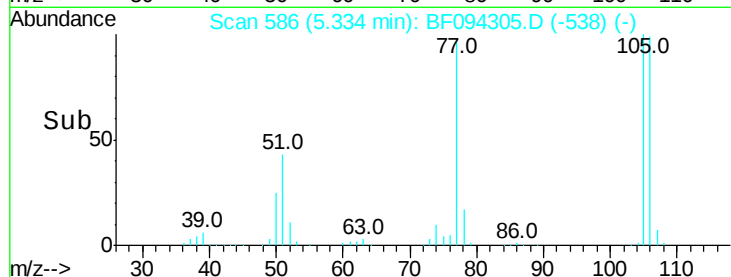
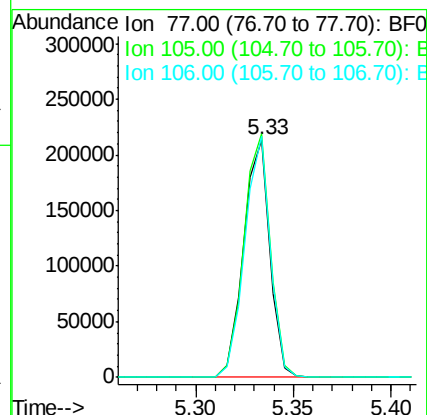
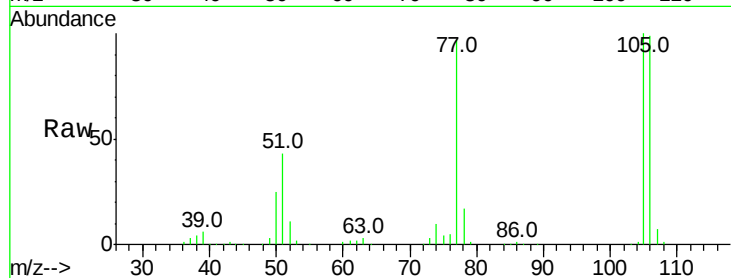
Tot Ion: 77 Resp: 198971

Ion Ratio Lower Upper

77 100

105 102.6 83.8 123.8

106 101.5 79.1 119.1



#10

Phenol

Concen: 40.52 ng

RT: 5.49 min Scan# 613

Delta R.T. 0.01 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

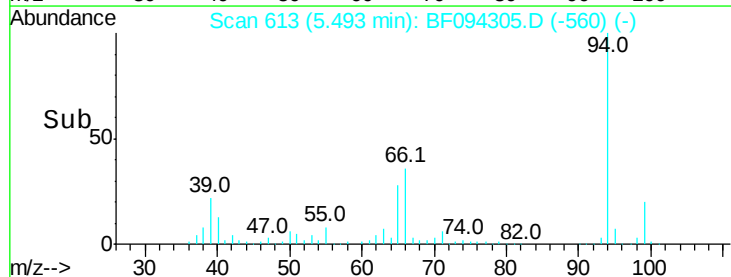
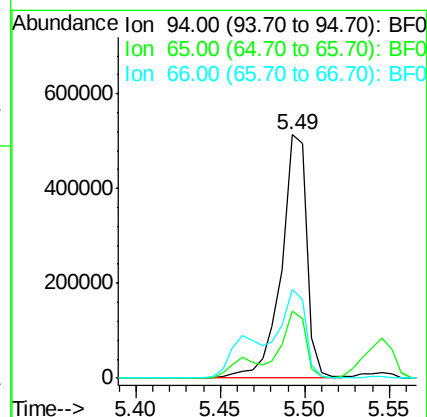
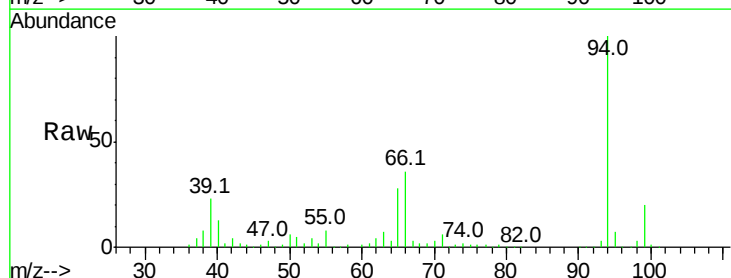
Tgt Ion: 94 Resp: 541840

Ion Ratio Lower Upper

94 100

65 27.7 9.9 49.9

66 36.5 23.1 63.1

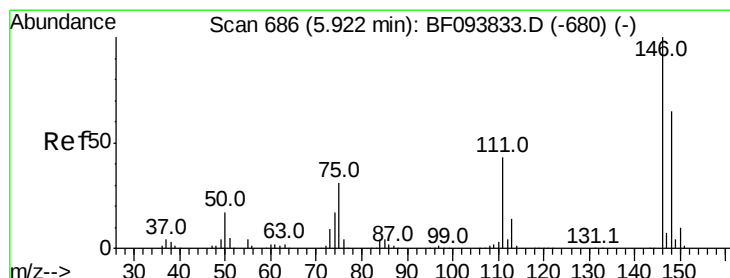
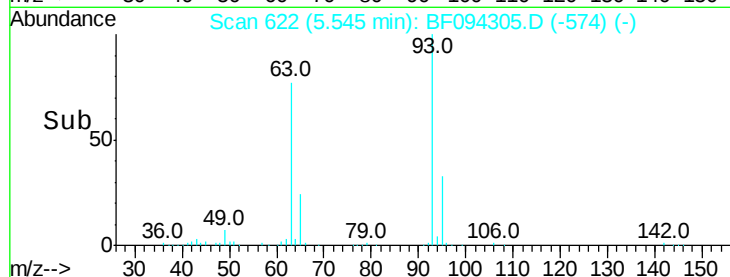
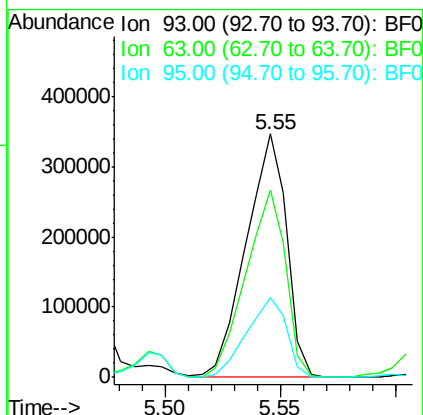
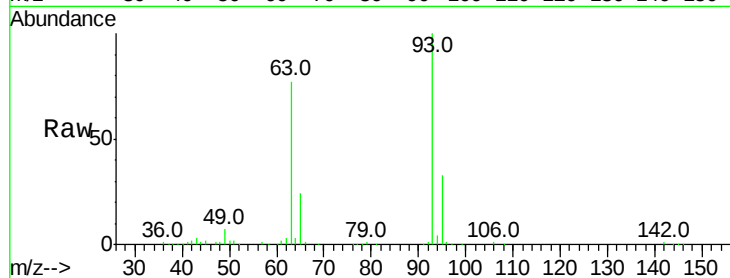




#11
bis(2-Chloroethyl)ether
Concen: 40.46 ng
RT: 5.55 min Scan# 622
Delta R.T. -0.02 min
Lab File: BF094305.D
Acq: 10 Apr 2017 12:33

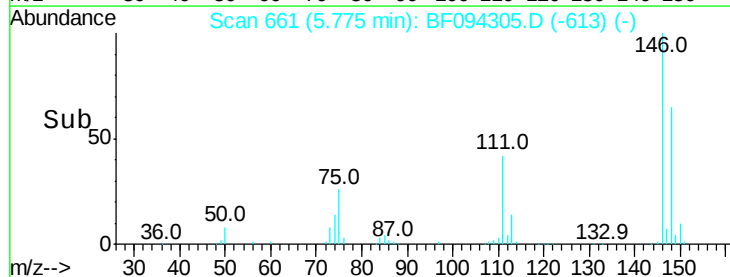
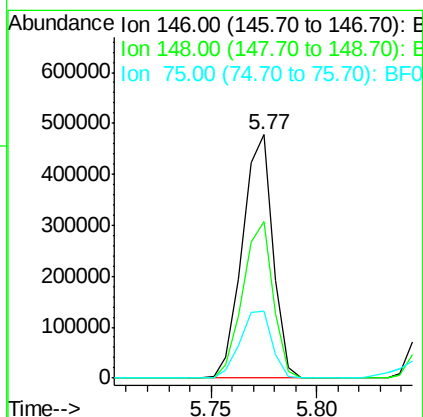
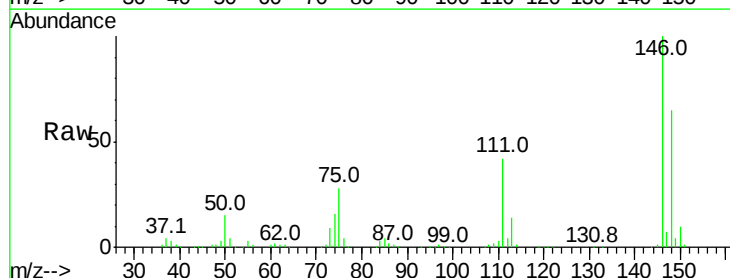
Instrument :
BNA_F
ClientSampleId :

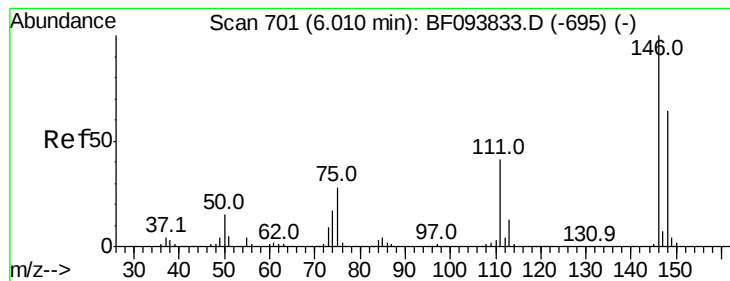
Tot Ion: 93 Resp: 422795
Ion Ratio Lower Upper
93 100
63 76.9 59.2 99.2
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.81 ng
RT: 5.77 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF094305.D
Acq: 10 Apr 2017 12:33

Tgt Ion: 146 Resp: 477968
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.6
75 27.7 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 40.82 ng

RT: 5.86 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

Instrument :

BNA_F

ClientSampleId :

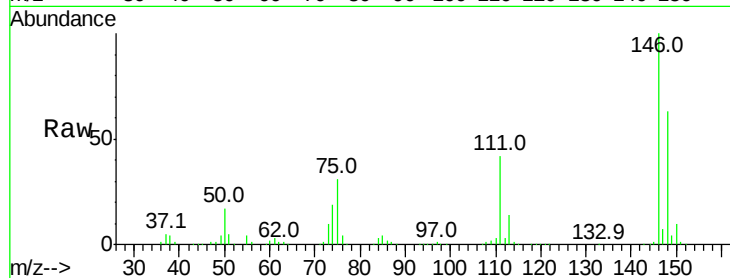
Tot Ion:146 Resp: 484244

Ion Ratio Lower Upper

146 100

148 62.6 52.2 78.2

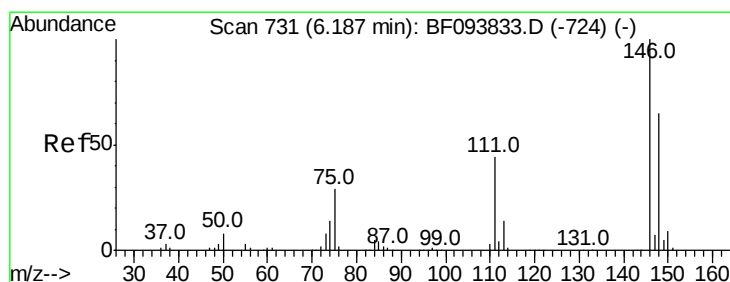
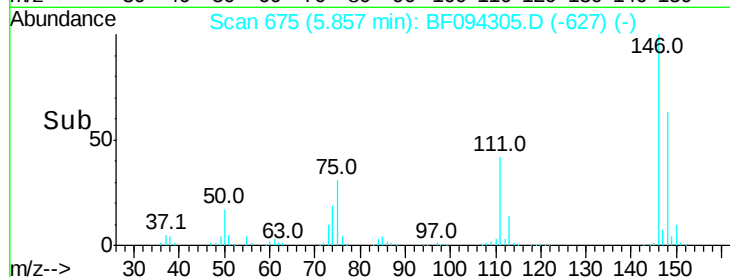
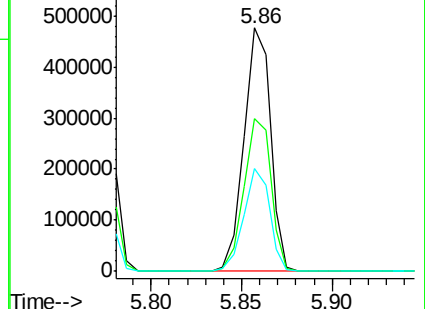
111 42.0 30.3 45.5



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: 40.22 ng

RT: 6.03 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

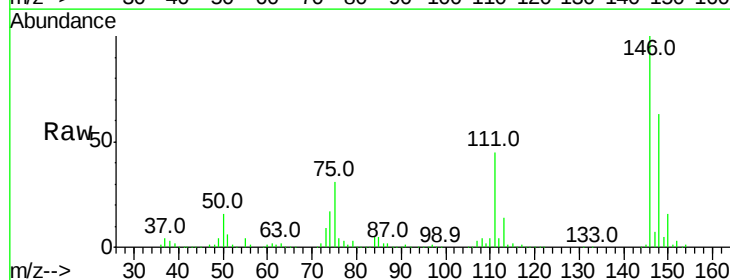
Tgt Ion:146 Resp: 439403

Ion Ratio Lower Upper

146 100

148 62.5 50.4 75.6

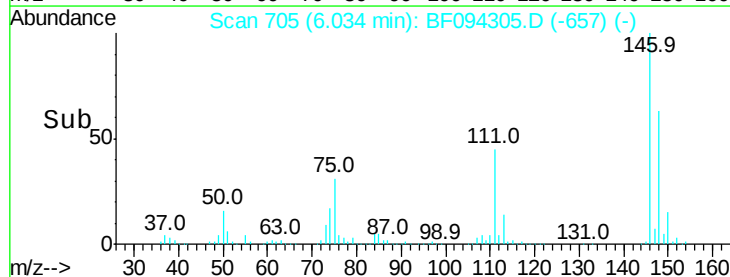
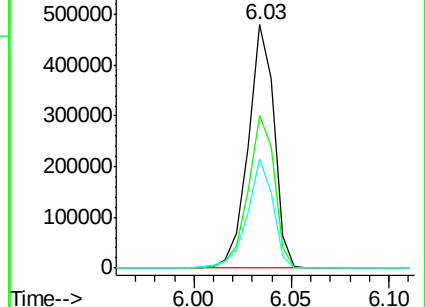
111 44.7 38.2 57.4



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: 39.52 ng

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

Instrument :

BNA_F

ClientSampleId :

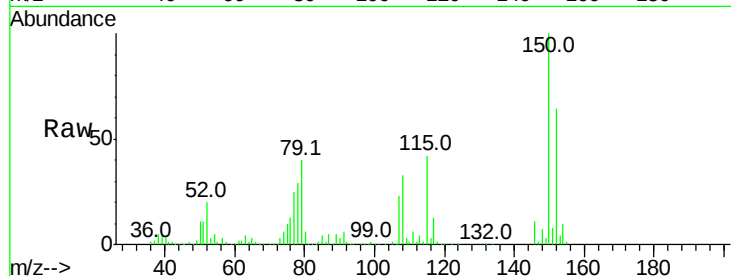
Tot Ion: 79 Resp: 339945

Ion Ratio Lower Upper

79 100

108 80.5 63.4 95.0

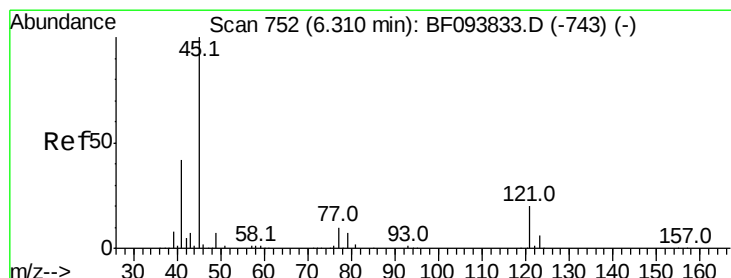
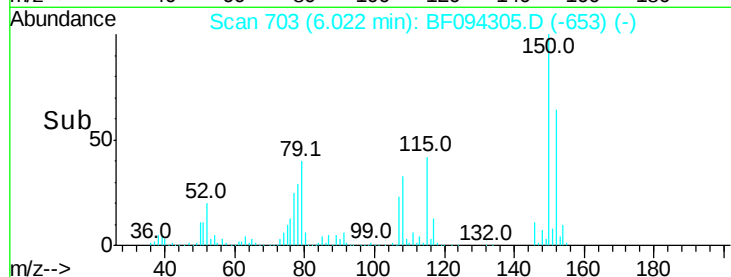
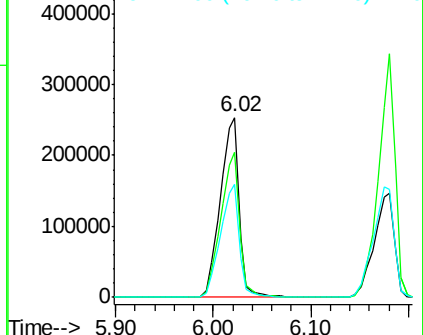
77 62.8 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.04 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

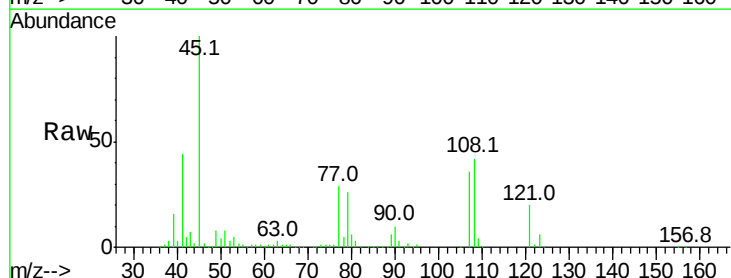
Tgt Ion: 45 Resp: 564195

Ion Ratio Lower Upper

45 100

77 29.1 0.0 33.2

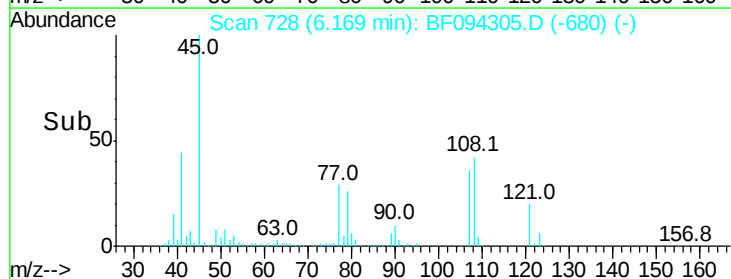
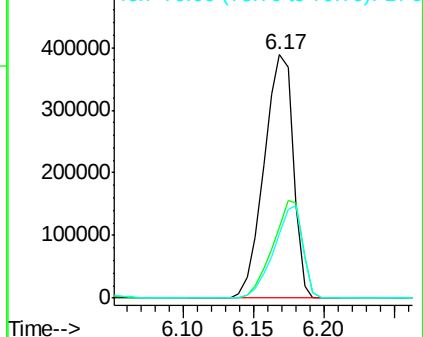
79 26.3 0.0 30.0

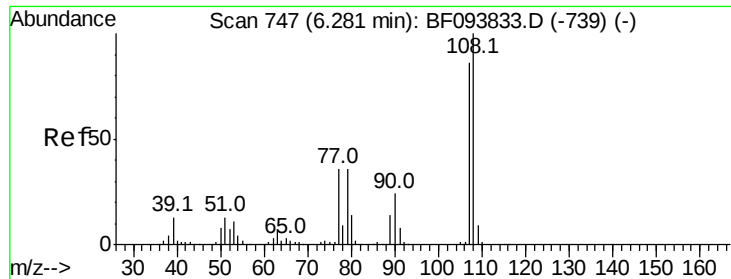


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

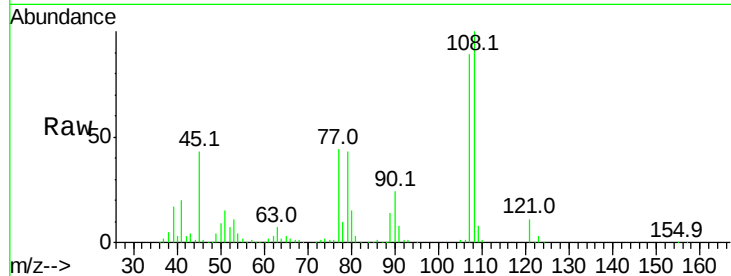




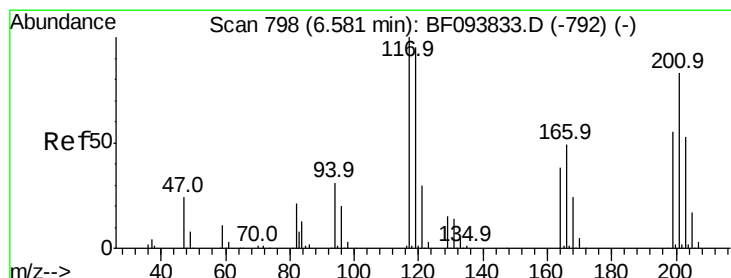
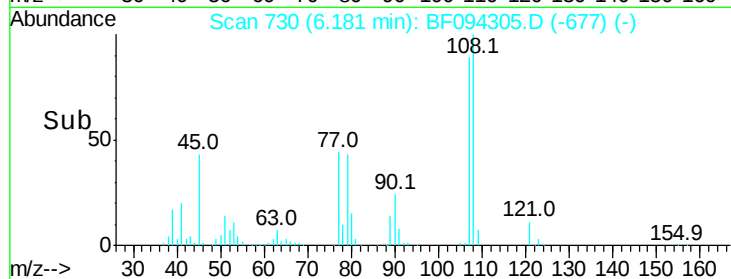
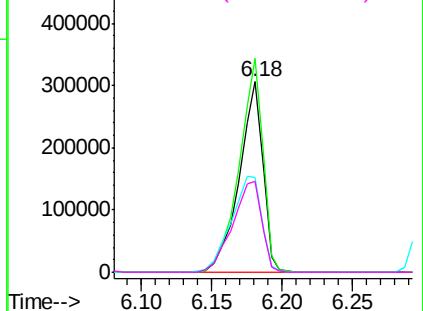
#17
2-Methylphenol
Concen: 40.04 ng
RT: 6.18 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF094305.D
Acq: 10 Apr 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	358030
Ion	Ratio	Lower	Upper
107	100		
108	112.1	93.4	140.0
77	49.6	35.8	53.6
79	48.0	34.8	52.2

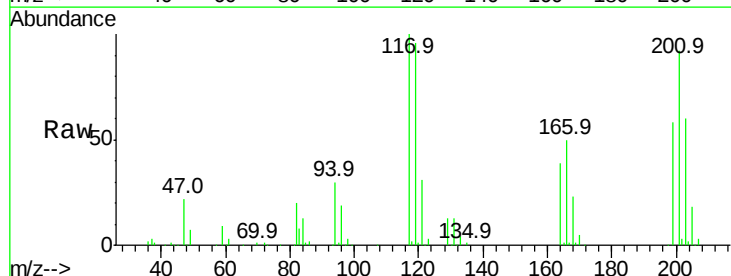


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

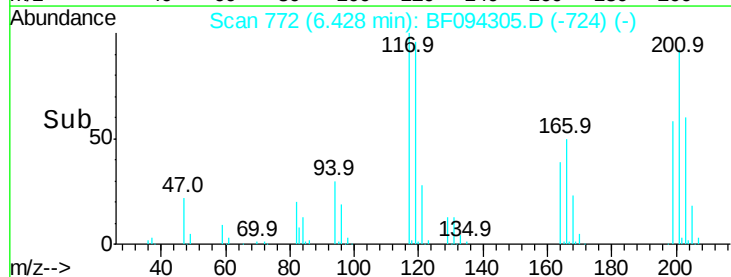
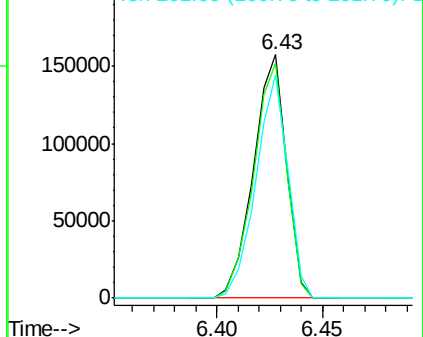


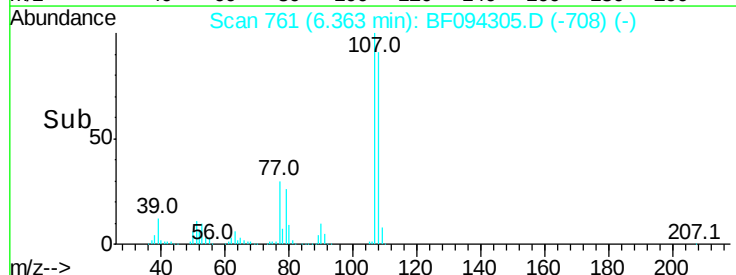
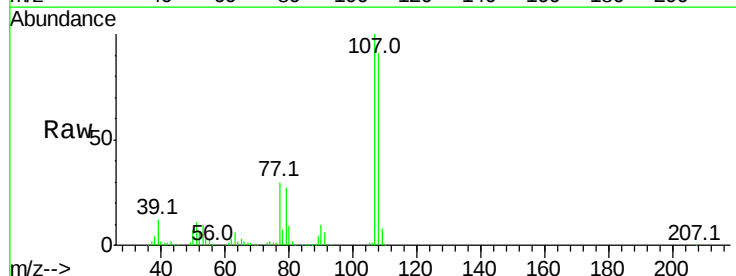
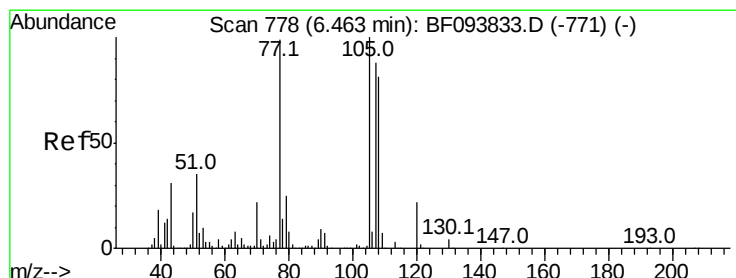
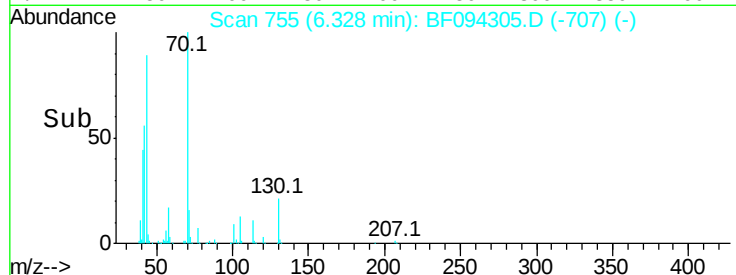
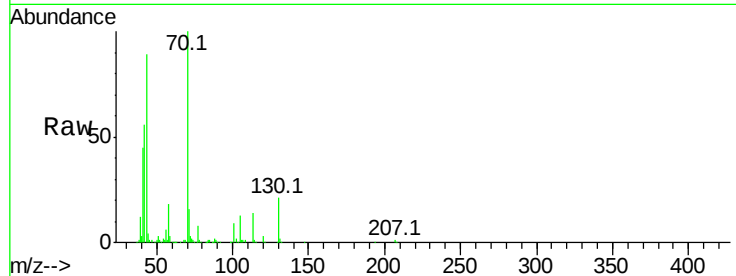
#18
Hexachloroethane
Concen: 40.97 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF094305.D
Acq: 10 Apr 2017 12:33

Tgt Ion:	117	Resp:	170797
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.4	116.0
201	91.8	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: 42.66 ng

RT: 6.33 min Scan# 755

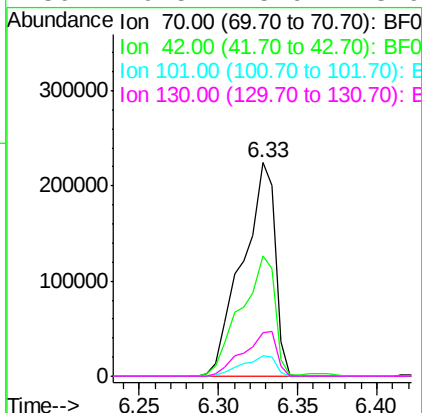
Delta R.T. -0.02 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70	Resp: 322196
Ion Ratio	Lower Upper
70 100	
42 56.1	47.2 70.8
101 9.5	7.2 10.8
130 20.5	15.9 23.9



#20

3+4-Methylphenols

Concen: 45.98 ng

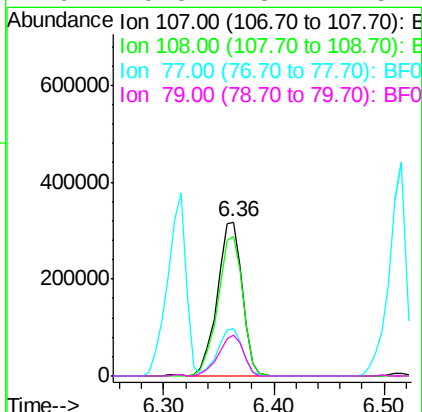
RT: 6.36 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

Tgt	Ion:107	Resp:	497950
Ion	Ratio	Lower	Upper
107	100		
108	90.9	71.0	111.0
77	30.5	90.5	130.5#
79	26.8	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.35 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 646054

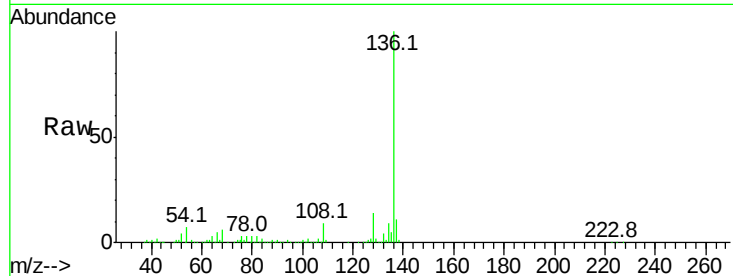
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.0 4.9 7.3

68 5.6 4.1 6.1

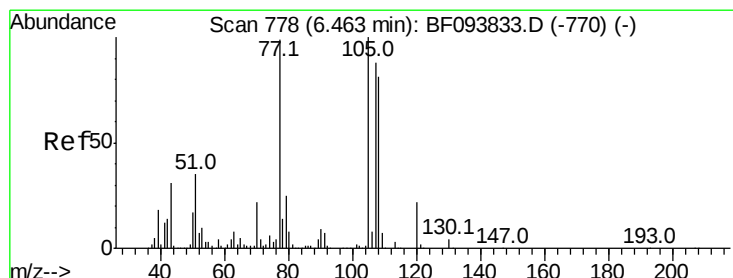
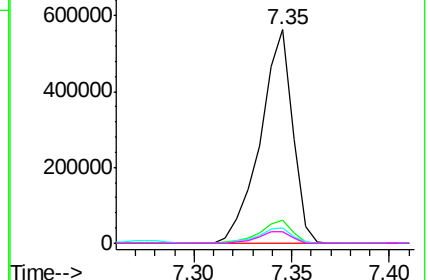
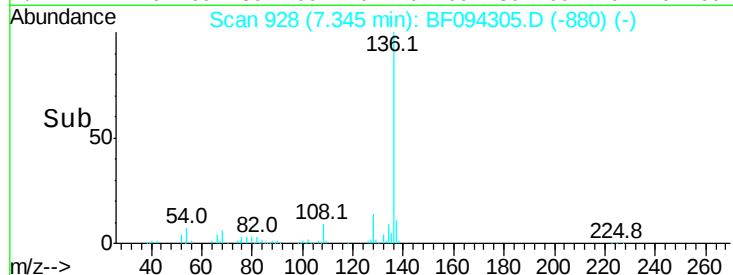


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.68 ng

RT: 6.32 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

Tgt Ion:105 Resp: 614575

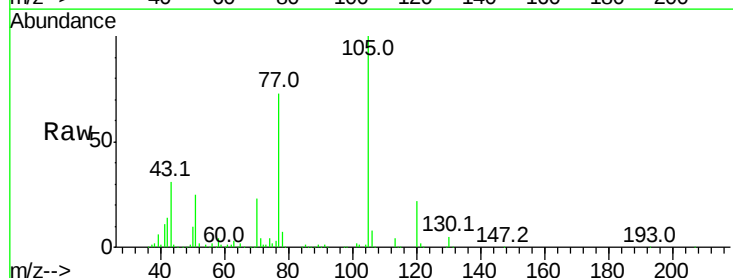
Ion Ratio Lower Upper

105 100

71 3.8 2.8 4.2

51 24.6 30.7 46.1#

120 21.7 17.4 26.0

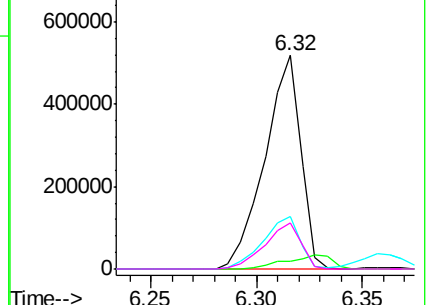
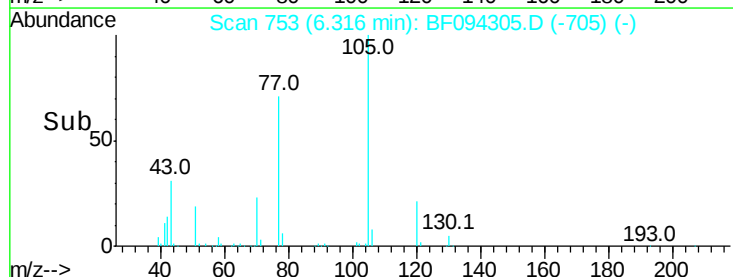


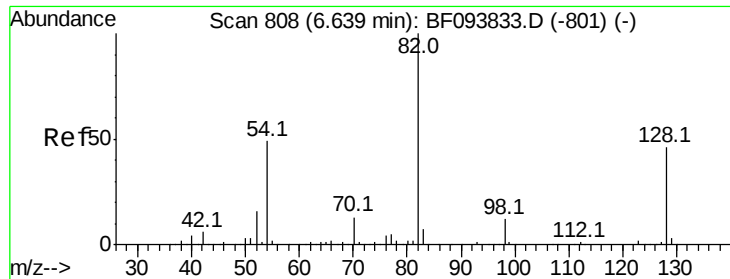
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

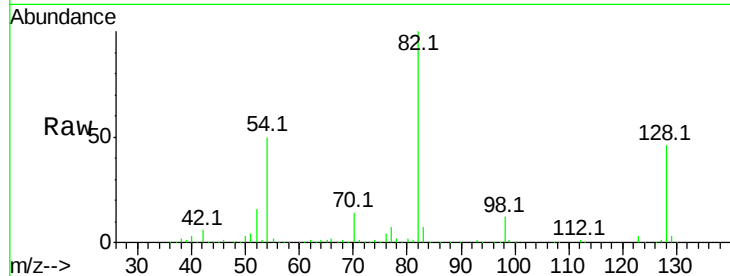




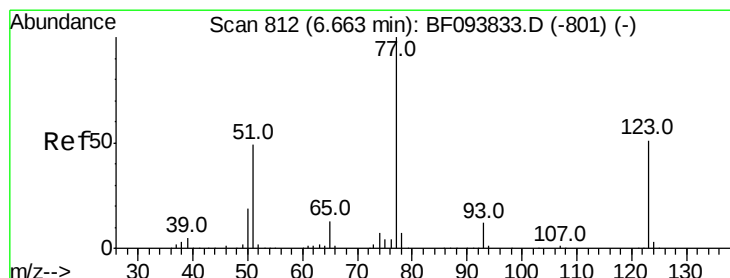
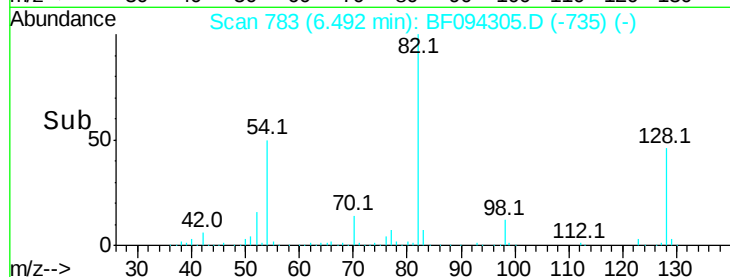
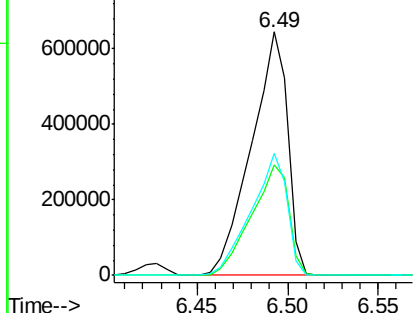
#23
 Nitrobenzene-d5
 Concen: 79.17 ng
 RT: 6.49 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF094305.D
 Acq: 10 Apr 2017 12:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 896249
 Ion Ratio Lower Upper
 82 100
 128 45.6 34.0 51.0
 54 50.2 42.2 63.2

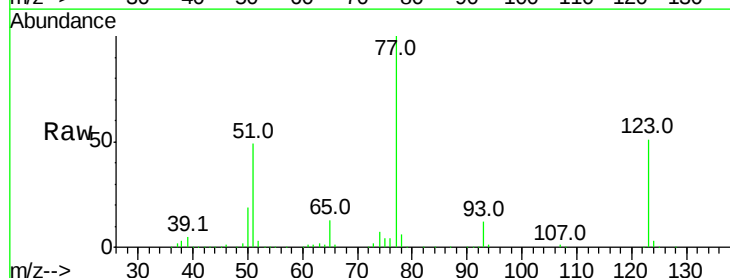


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

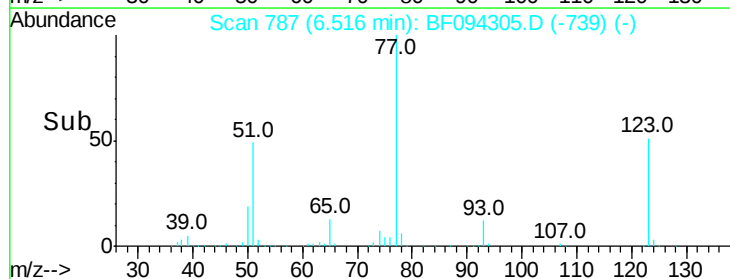
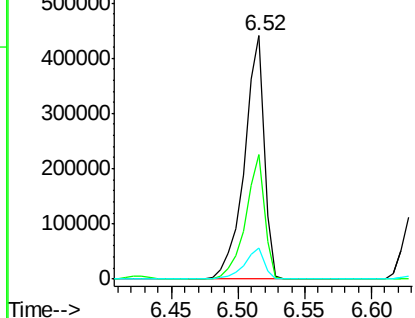


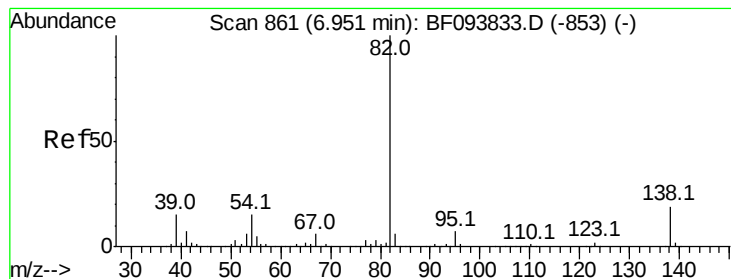
#24
 Nitrobenzene
 Concen: 40.32 ng
 RT: 6.52 min Scan# 787
 Delta R.T. -0.02 min
 Lab File: BF094305.D
 Acq: 10 Apr 2017 12:33

Tgt Ion: 77 Resp: 450221
 Ion Ratio Lower Upper
 77 100
 123 51.2 35.8 53.8
 65 12.8 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.00 ng

RT: 6.80 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

Instrument :

BNA_F

ClientSampleId :

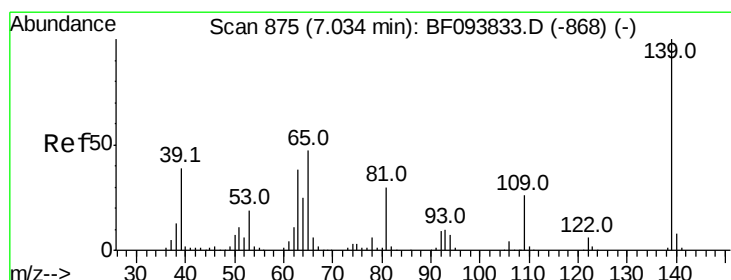
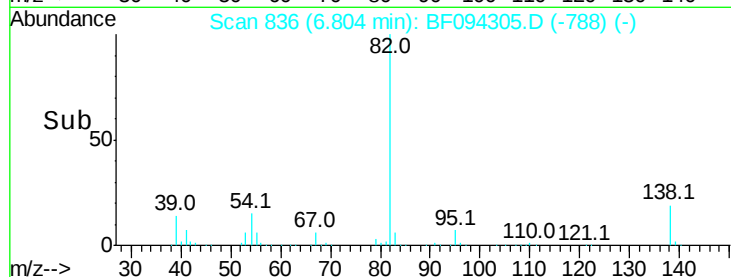
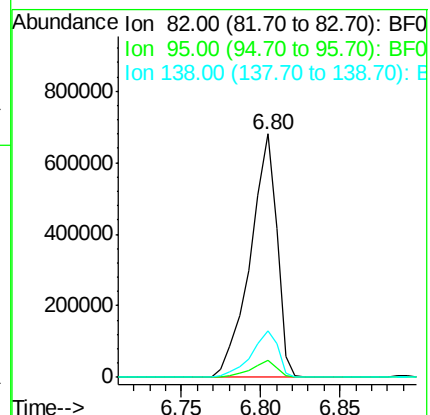
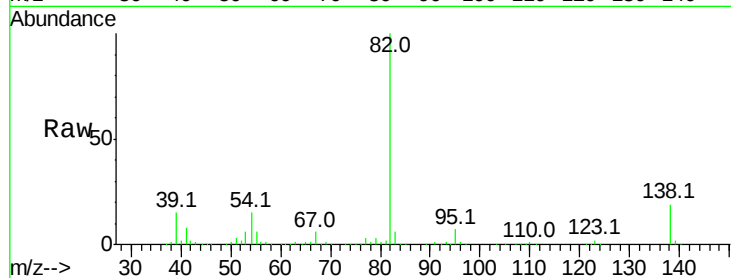
Tot Ion: 82 Resp: 795676

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 19.1 13.1 19.7



#26

2-Nitrophenol

Concen: 46.74 ng

RT: 6.89 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

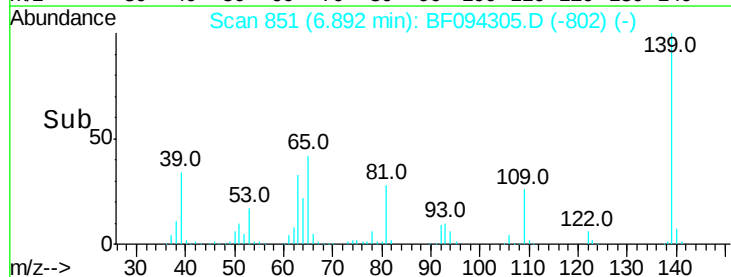
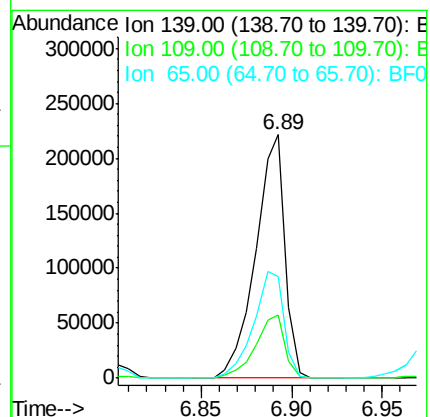
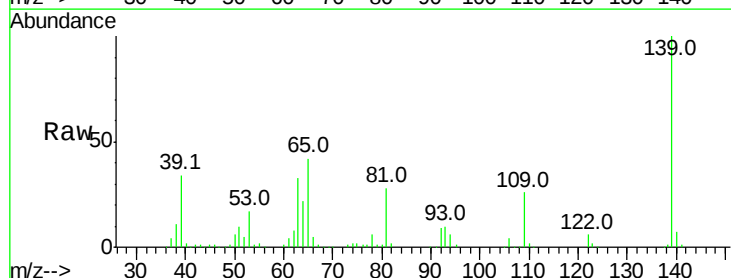
Tgt Ion:139 Resp: 248848

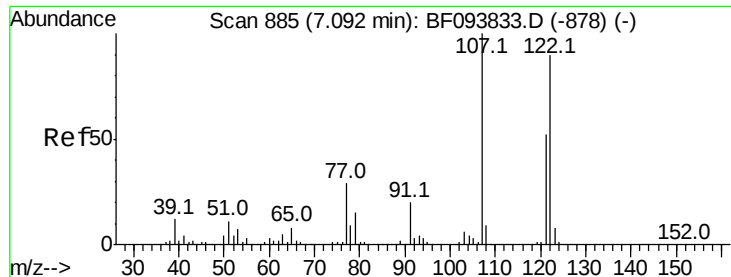
Ion Ratio Lower Upper

139 100

109 25.9 21.0 31.6

65 41.6 33.0 49.6

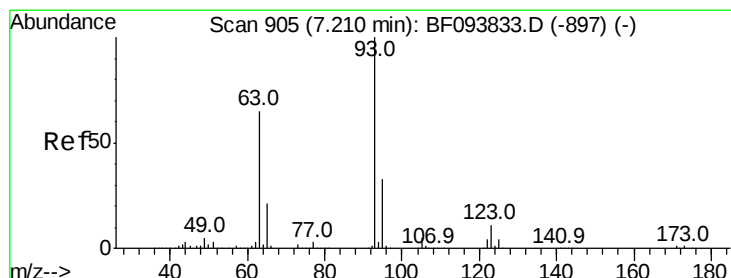
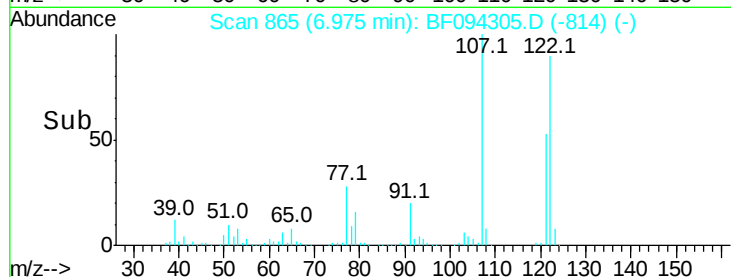
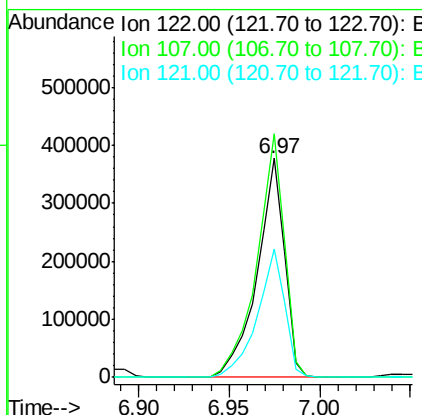
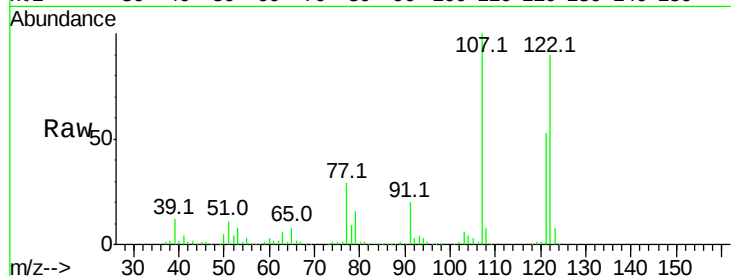




#27
 2,4-Dimethylphenol
 Concen: 43.38 ng
 RT: 6.97 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF094305.D
 Acq: 10 Apr 2017 12:33

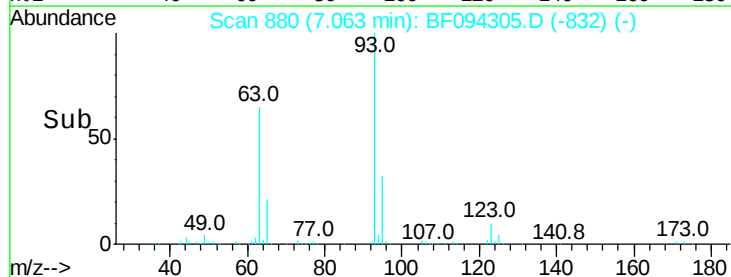
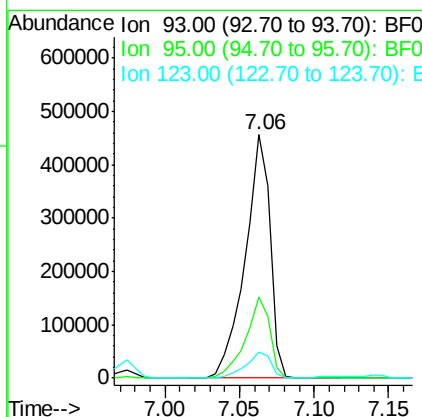
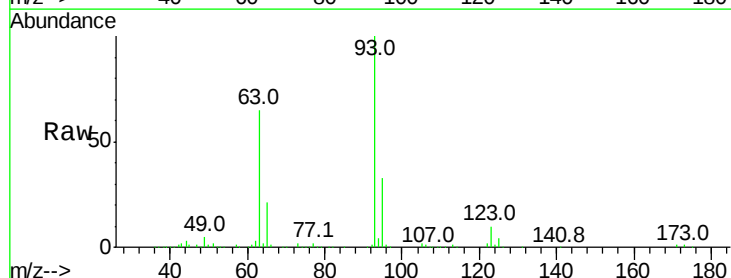
Instrument :
 BNA_F
 ClientSampleId :

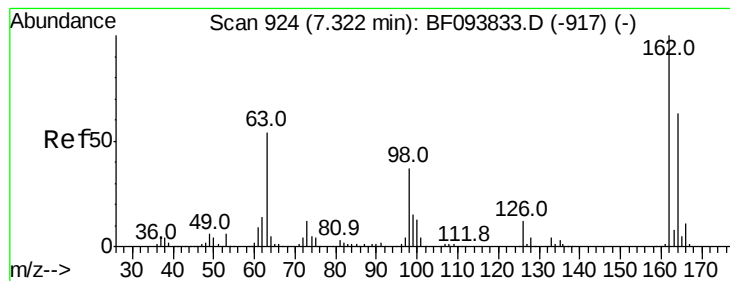
Tot Ion:122 Resp: 397992
 Ion Ratio Lower Upper
 122 100
 107 111.3 89.2 133.8
 121 58.8 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.23 ng
 RT: 7.06 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF094305.D
 Acq: 10 Apr 2017 12:33

Tgt Ion: 93 Resp: 527751
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.5 39.7
 123 10.5 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 43.86 ng

RT: 7.20 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

Instrument :

BNA_F

ClientSampled :

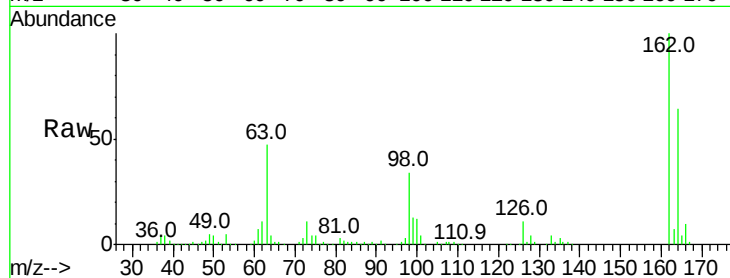
Tot Ion:162 Resp: 376232

Ion Ratio Lower Upper

162 100

164 64.3 44.6 84.6

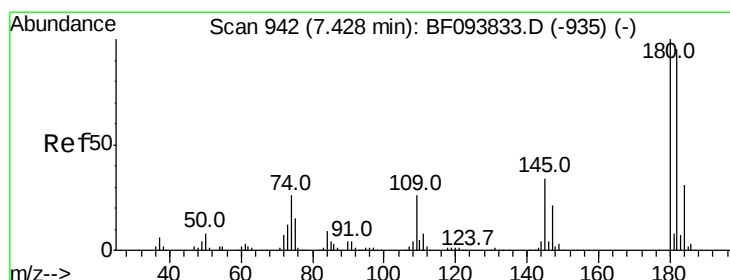
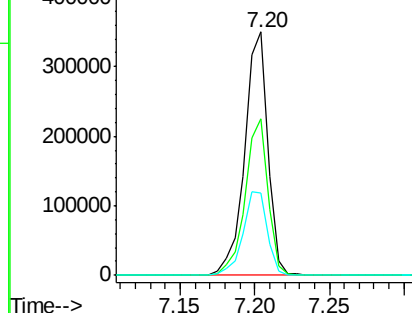
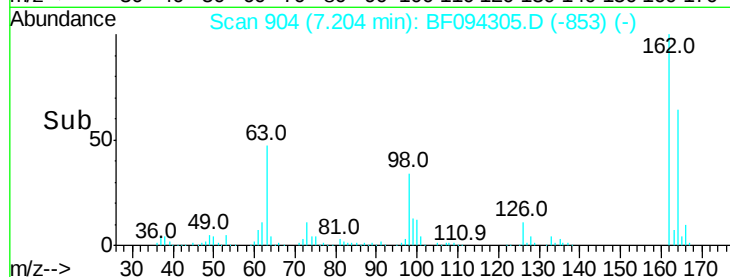
98 33.9 14.8 54.8



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: 42.45 ng

RT: 7.28 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

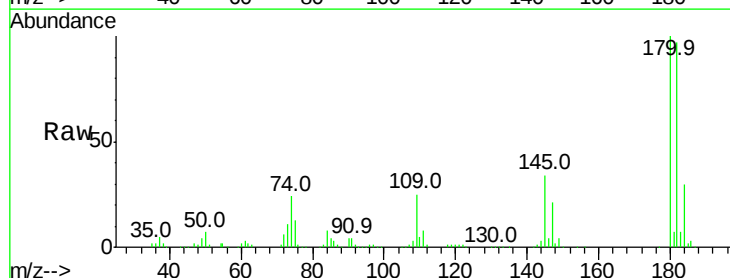
Tgt Ion:180 Resp: 375086

Ion Ratio Lower Upper

180 100

182 96.6 75.8 113.6

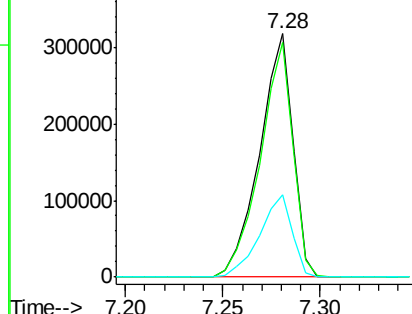
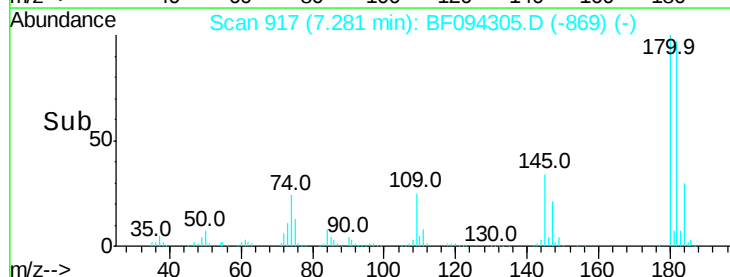
145 33.7 25.3 37.9

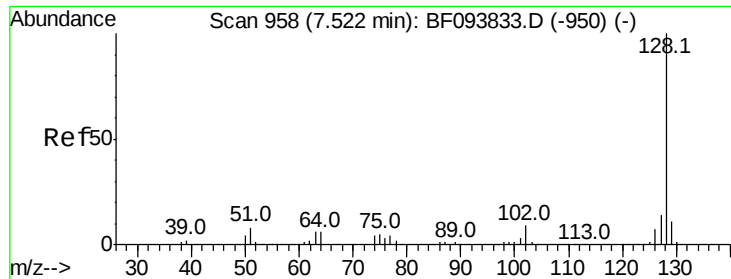


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

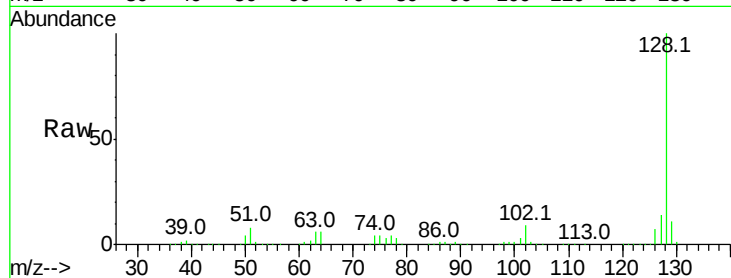




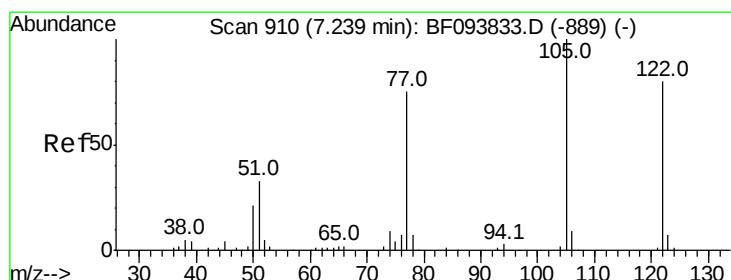
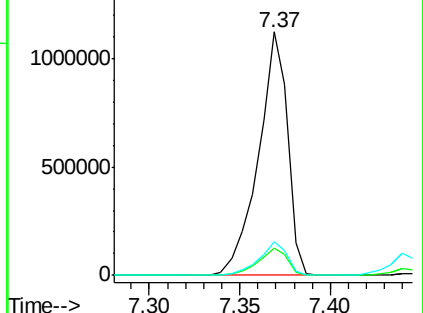
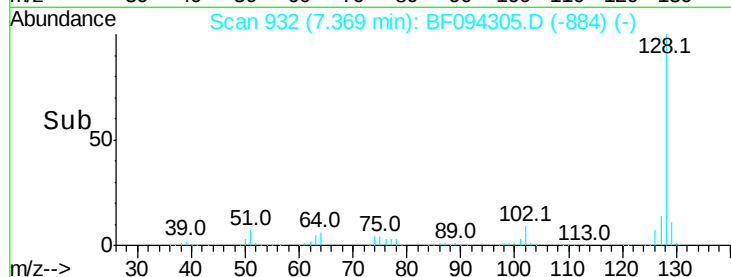
#31
Naphthalene
Concen: 40.29 ng
RT: 7.37 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF094305.D
Acq: 10 Apr 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1251537
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.6 10.8 16.2

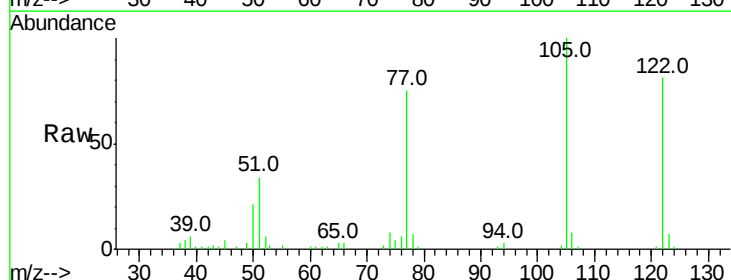


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

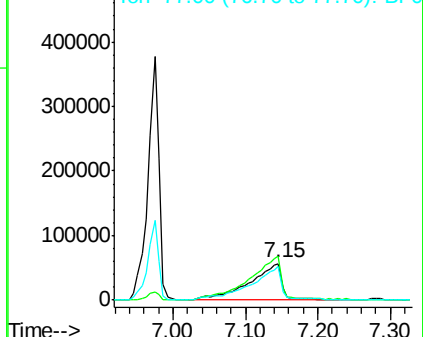
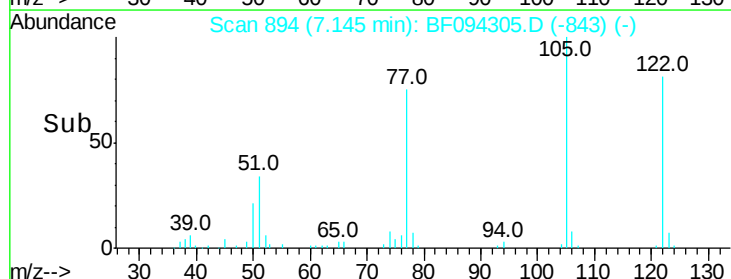


#32
Benzoic acid
Concen: 28.18 ng
RT: 7.15 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF094305.D
Acq: 10 Apr 2017 12:33

Tgt Ion:122 Resp: 172091
Ion Ratio Lower Upper
122 100
105 122.8 103.3 143.3
77 91.5 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: 9.72 ng

RT: 7.44 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 122361

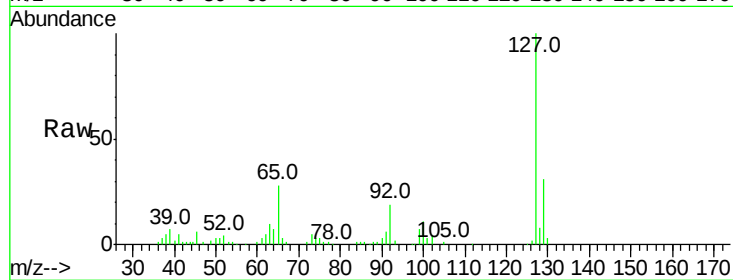
Ion Ratio Lower Upper

127 100

129 31.4 26.2 39.2

65 27.9 27.8 41.8

92 19.0 16.8 25.2

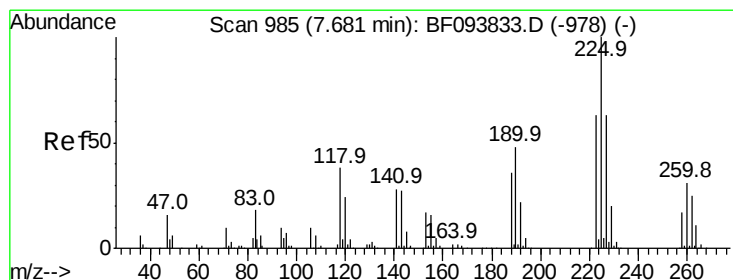
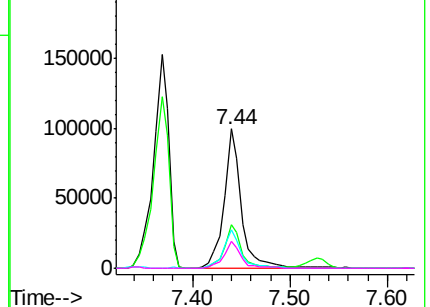
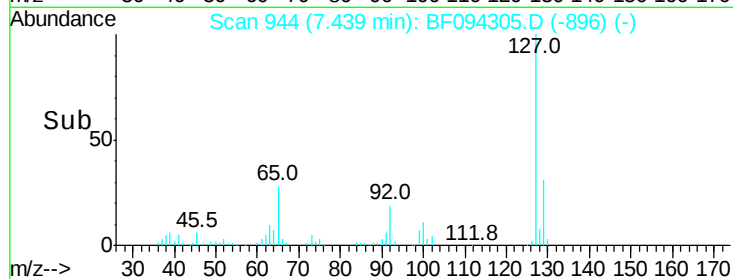


Abundance Ion 127.00 (126.70 to 127.70): E

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



#34

Hexachlorobutadiene

Concen: 41.28 ng

RT: 7.52 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

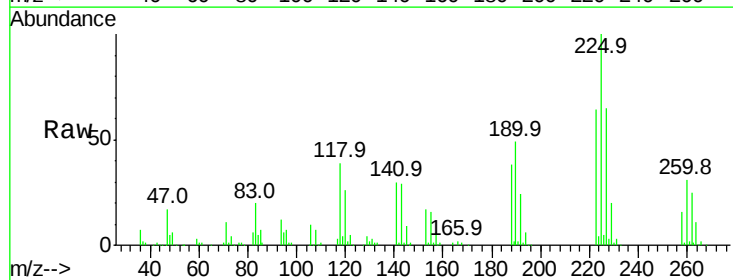
Tgt Ion:225 Resp: 187019

Ion Ratio Lower Upper

225 100

223 64.3 48.8 73.2

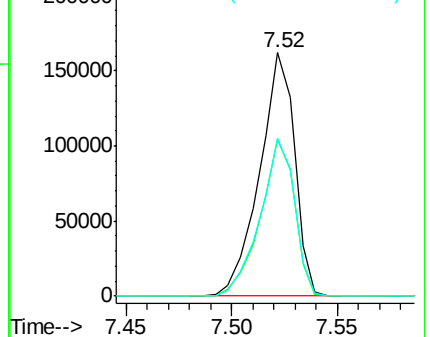
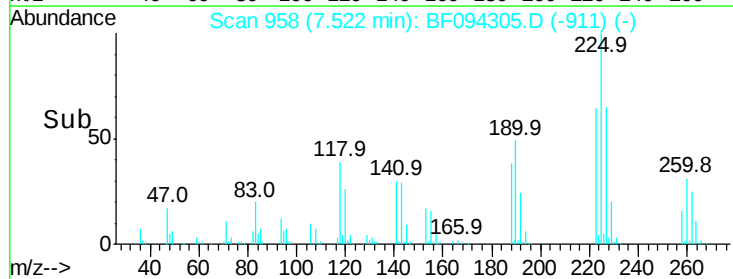
227 64.7 51.1 76.7

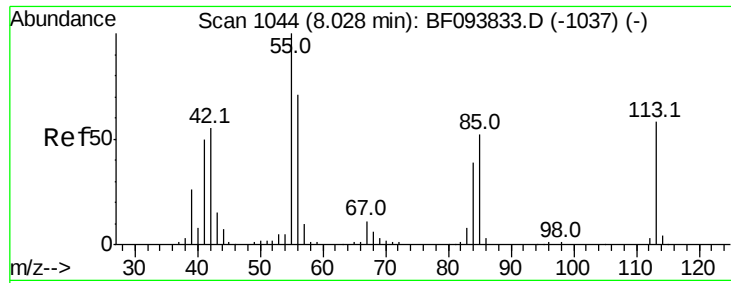


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

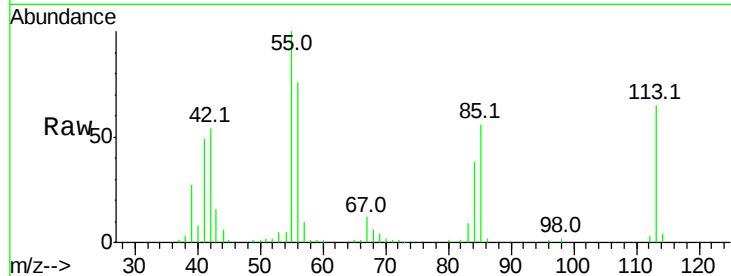




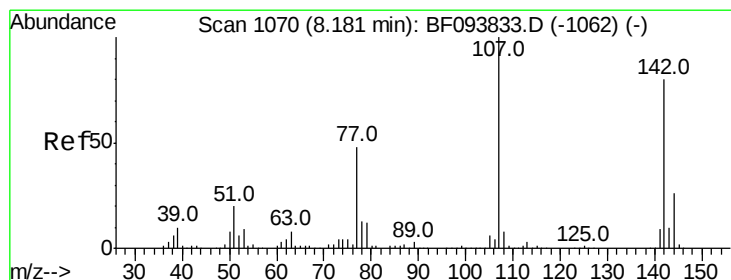
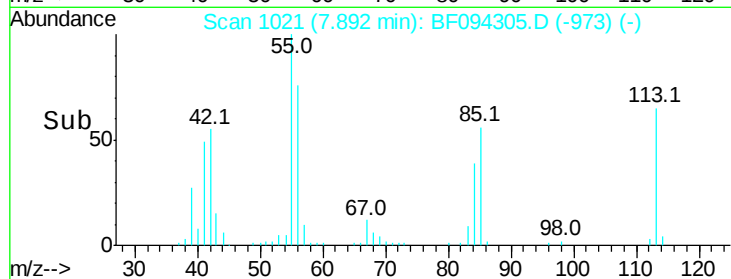
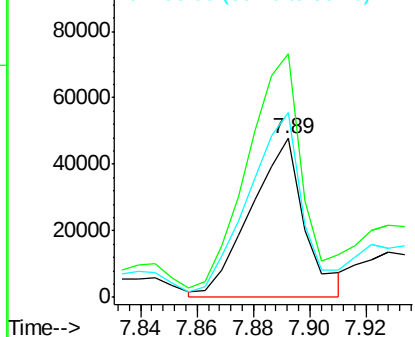
#35
 Caprolactam
 Concen: 23.22 ng
 RT: 7.89 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BF094305.D
 Acq: 10 Apr 2017 12:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 63532
 Ion Ratio Lower Upper
 113 100
 55 153.5 150.2 190.2
 56 116.8 107.8 147.8

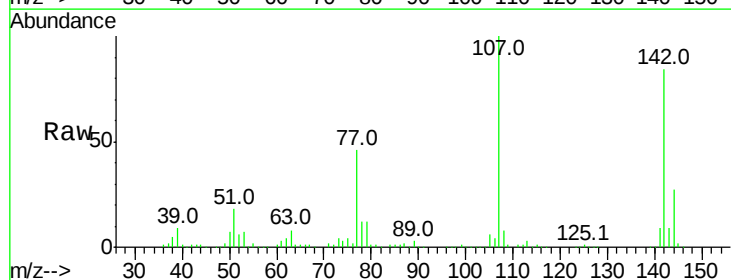


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

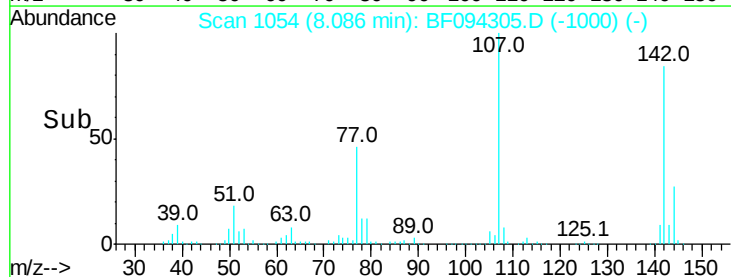
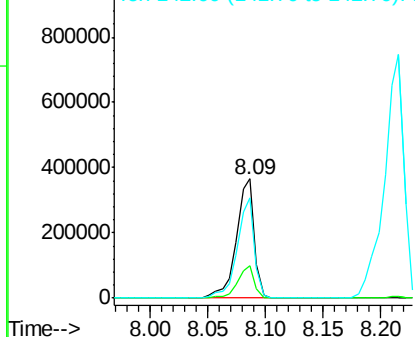


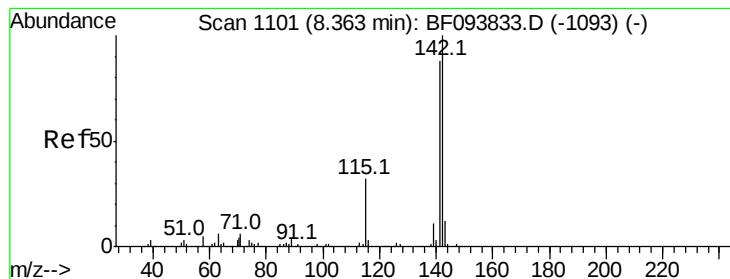
#36
 4-Chloro-3-methylphenol
 Concen: 43.68 ng
 RT: 8.09 min Scan# 1054
 Delta R.T. 0.02 min
 Lab File: BF094305.D
 Acq: 10 Apr 2017 12:33

Tgt Ion:107 Resp: 391520
 Ion Ratio Lower Upper
 107 100
 144 27.0 24.2 36.4
 142 83.6 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: 42.50 ng

RT: 8.22 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

Instrument :

BNA_F

ClientSampleId :

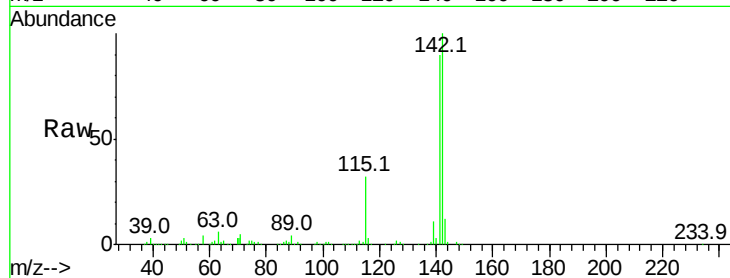
Tot Ion:142 Resp: 880056

Ion Ratio Lower Upper

142 100

141 89.7 71.3 106.9

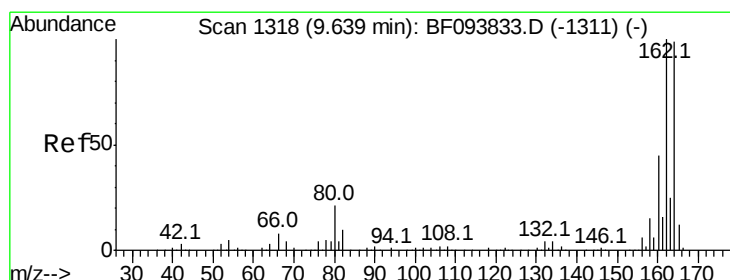
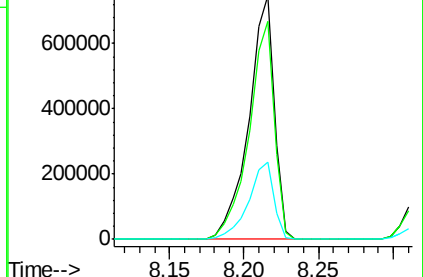
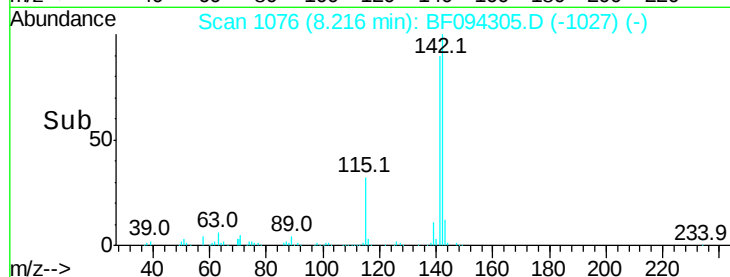
115 31.7 27.1 40.7



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: 9.49 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

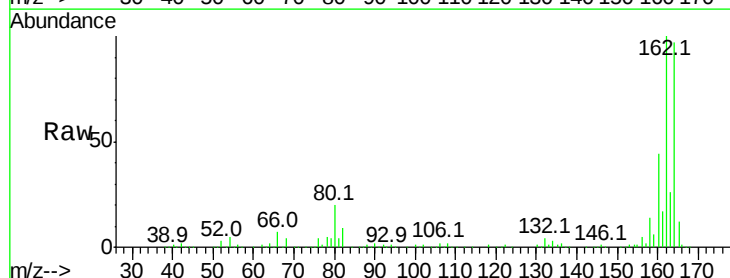
Tgt Ion:164 Resp: 294270

Ion Ratio Lower Upper

164 100

162 103.3 82.6 123.8

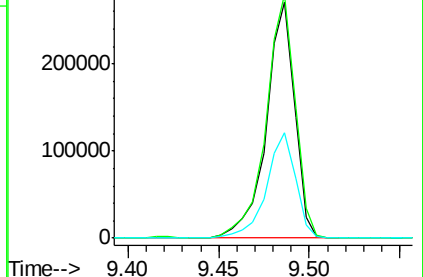
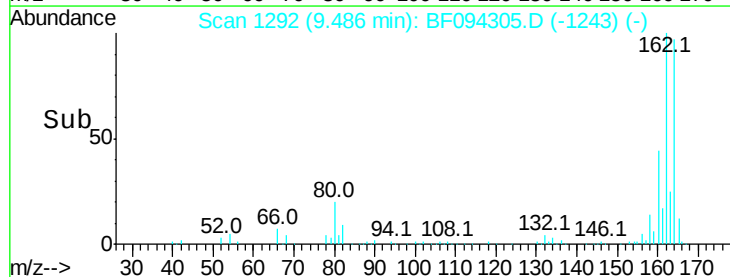
160 44.9 36.2 54.2

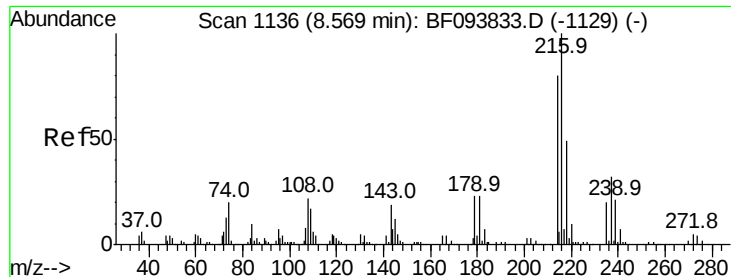


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

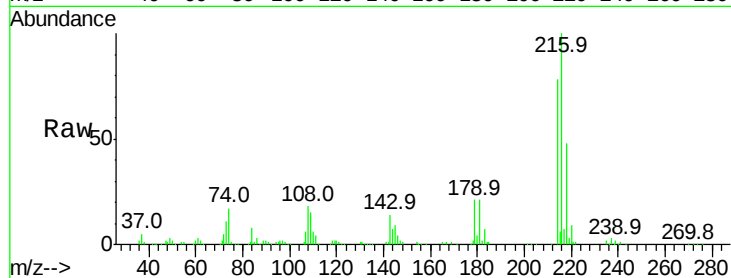




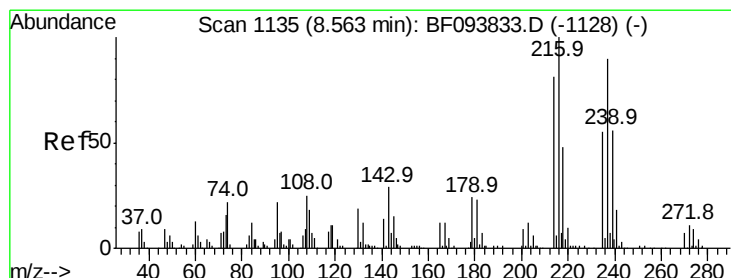
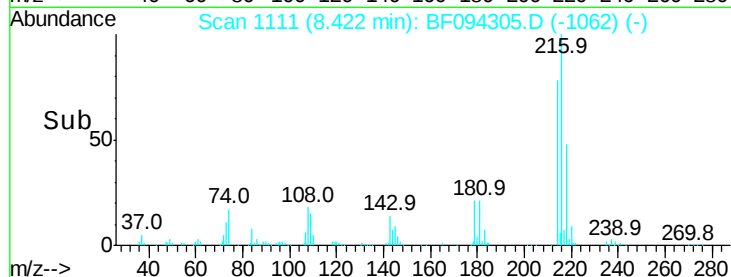
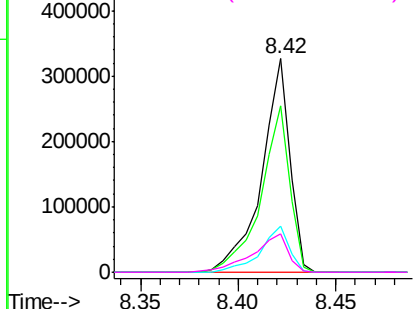
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.63 ng
 RT: 8.42 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BF094305.D
 Acq: 10 Apr 2017 12:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	327099
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.2
179	22.0	17.9	26.9
108	22.6	16.5	24.7

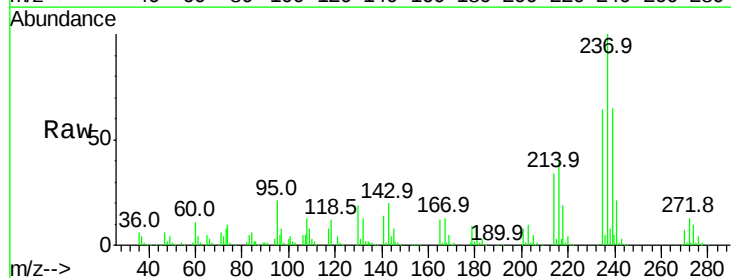


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

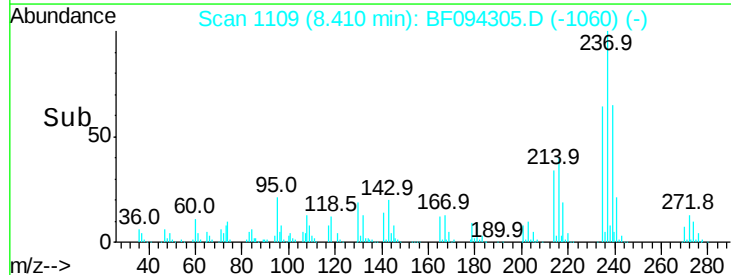
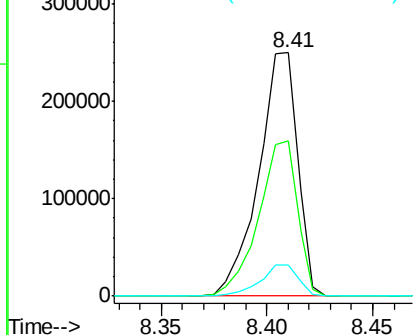


#40
 Hexachlorocyclopentadiene
 Concen: 85.44 ng
 RT: 8.41 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF094305.D
 Acq: 10 Apr 2017 12:33

Tgt Ion:	237	Resp:	321853
Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.6	82.6
272	12.6	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

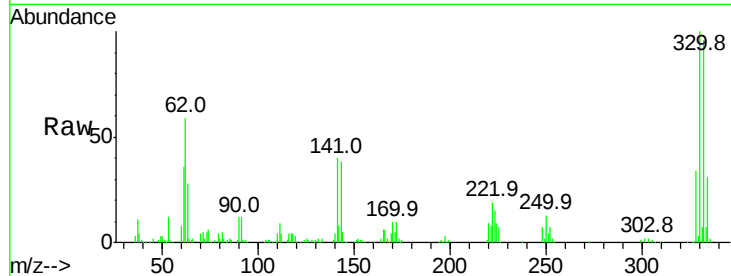




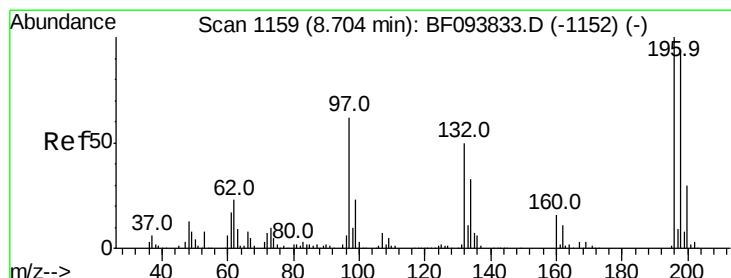
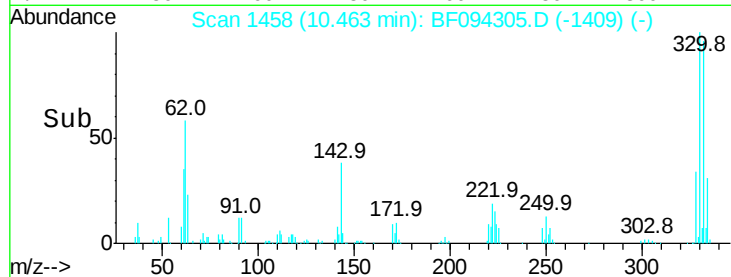
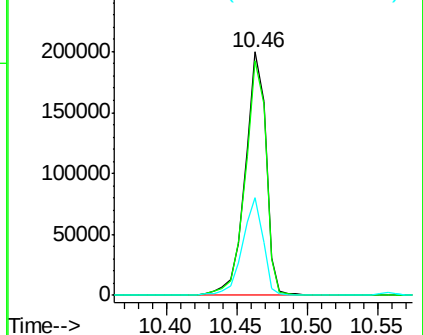
#41
 2,4,6-Tribromophenol
 Concen: 88.86 ng
 RT: 10.46 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF094305.D
 Acq: 10 Apr 2017 12:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	39.6	31.4	47.2

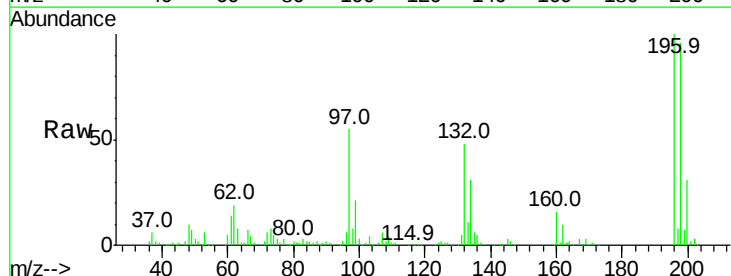


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

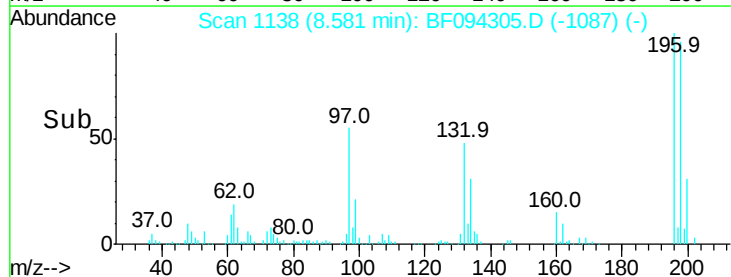
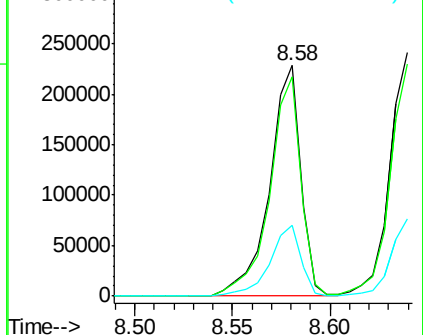


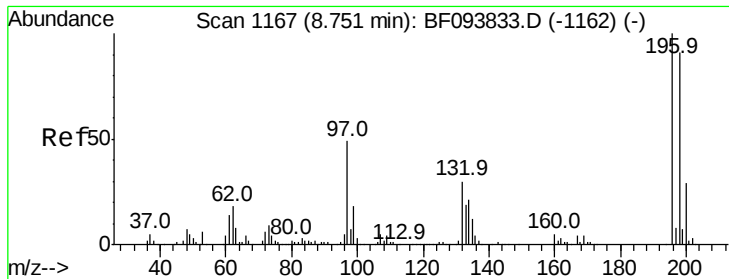
#42
 2,4,6-Trichlorophenol
 Concen: 44.49 ng
 RT: 8.58 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF094305.D
 Acq: 10 Apr 2017 12:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	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

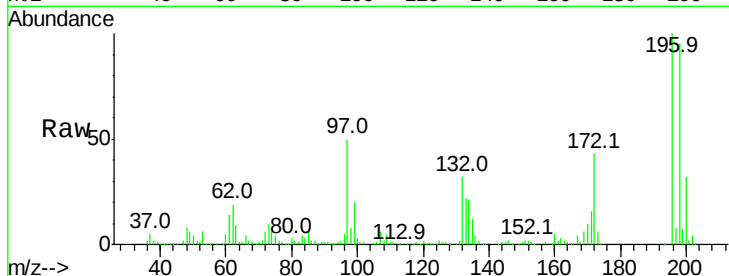




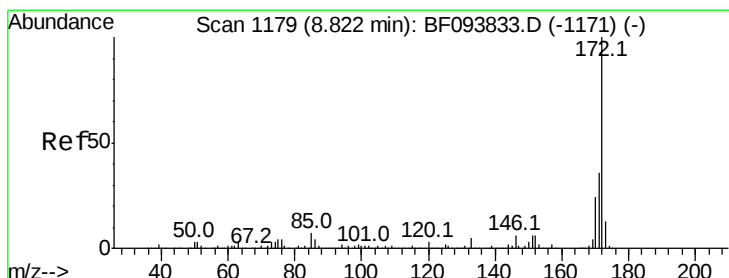
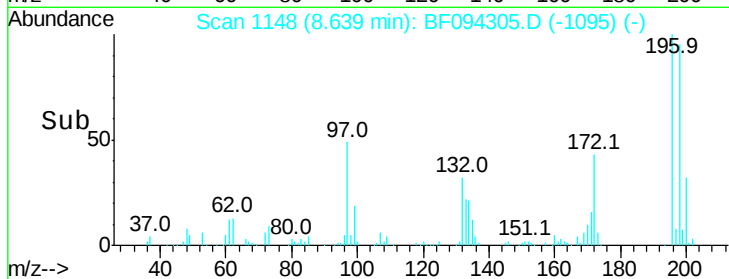
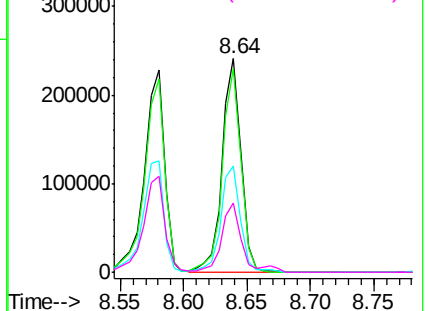
#43
 2,4,5-Trichlorophenol
 Concen: 40.78 ng
 RT: 8.64 min Scan# 1148
 Delta R.T. 0.01 min
 Lab File: BF094305.D
 Acq: 10 Apr 2017 12:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 251307
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.7 113.5
 97 49.8 47.7 71.5
 132 32.2 28.0 42.0

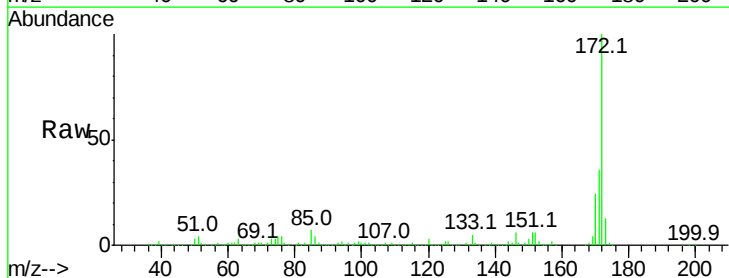


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

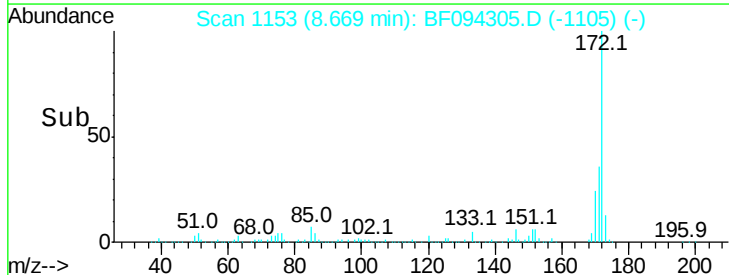
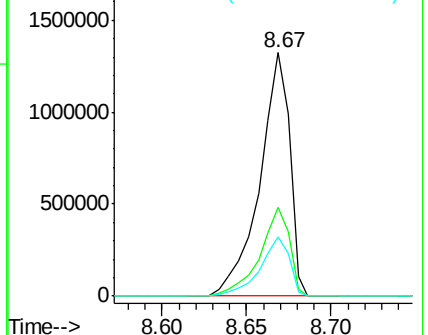


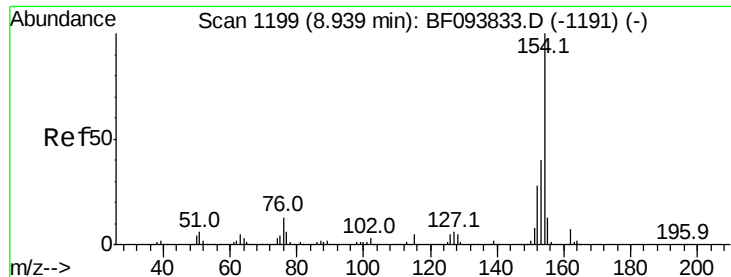
#44
 2-Fluorobiphenyl
 Concen: 83.99 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BF094305.D
 Acq: 10 Apr 2017 12:33

Tgt Ion:172 Resp: 1620500
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.1 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: 40.69 ng

RT: 8.79 min Scan# 1173

Delta R.T. -0.02 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

Instrument :

BNA_F

ClientSampled :

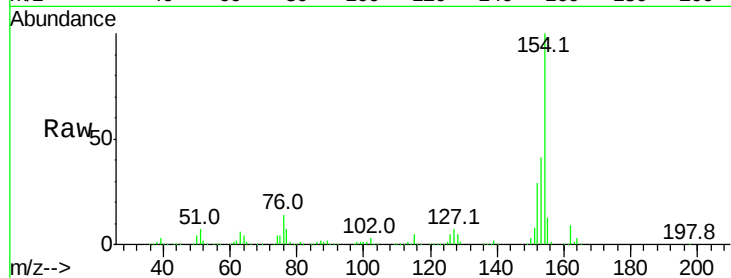
Tot Ion:154 Resp: 965724

Ion Ratio Lower Upper

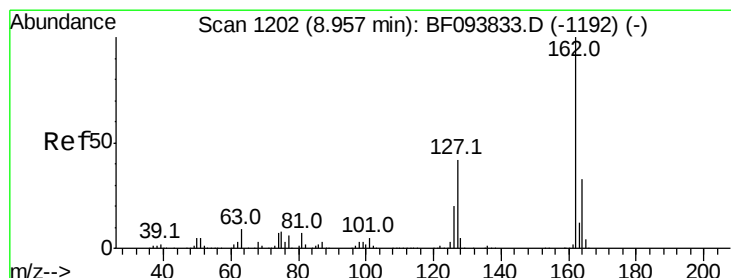
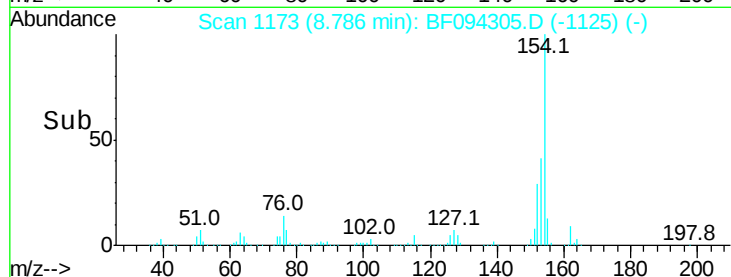
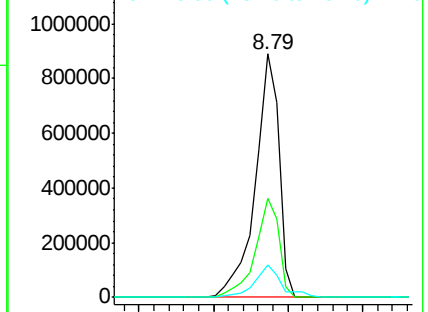
154 100

153 40.8 21.2 61.2

76 13.5 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): BF0



#46

2-Chloronaphthalene

Concen: 41.53 ng

RT: 8.81 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

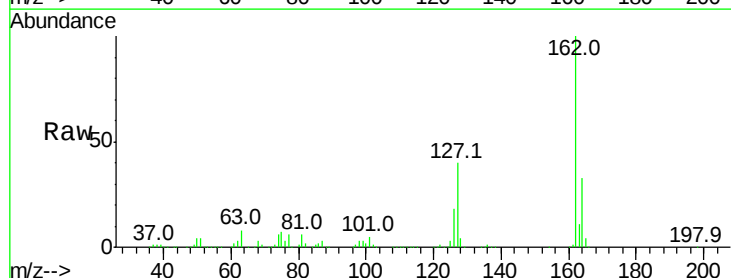
Tgt Ion:162 Resp: 771603

Ion Ratio Lower Upper

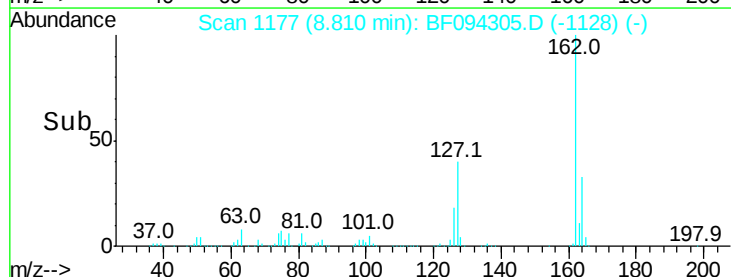
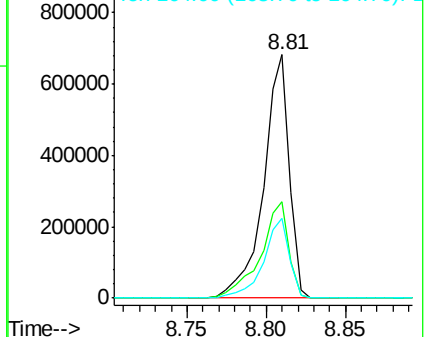
162 100

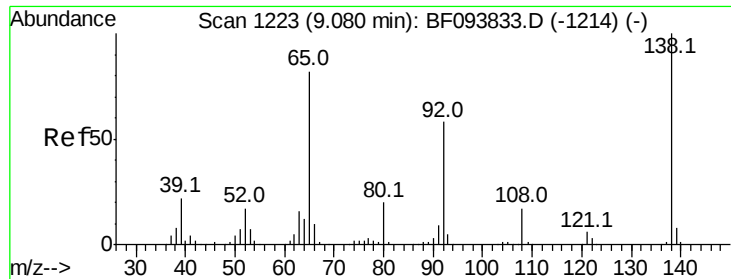
127 39.8 28.3 42.5

164 32.9 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

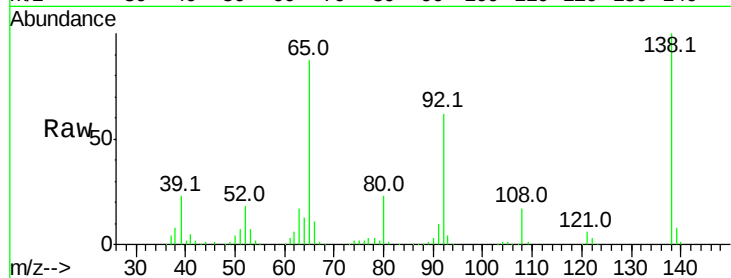




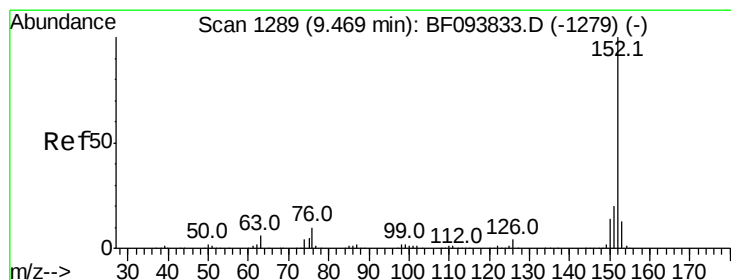
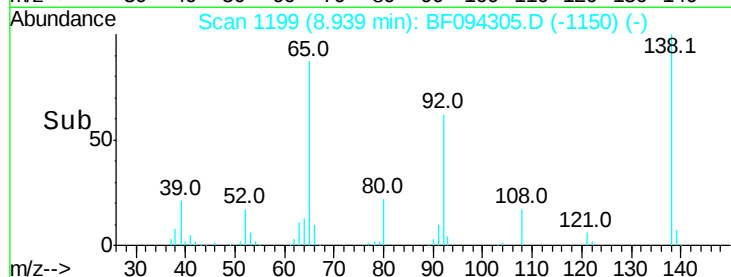
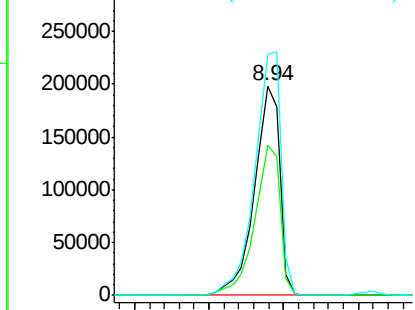
#47
2-Nitroaniline
Concen: 41.78 ng
RT: 8.94 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF094305.D
Acq: 10 Apr 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 230253
Ion Ratio Lower Upper
65 100
92 71.6 53.9 80.9
138 114.9 78.8 118.2

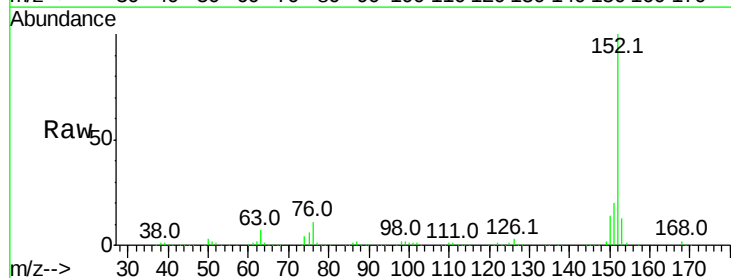


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

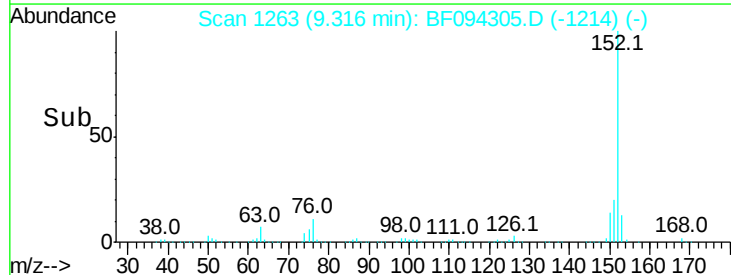
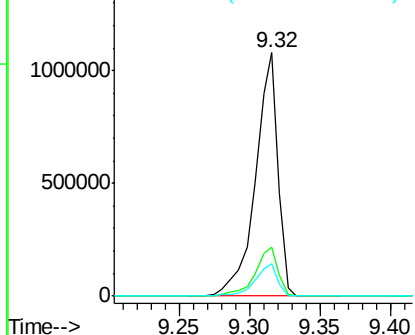


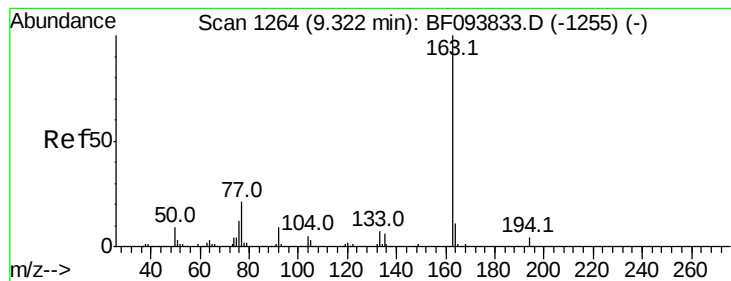
#48
Acenaphthylene
Concen: 39.15 ng
RT: 9.32 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF094305.D
Acq: 10 Apr 2017 12:33

Tgt Ion:152 Resp: 1208826
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 13.1 10.8 16.2



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





#49

Dimethylphthalate

Concen: 43.08 ng

RT: 9.18 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

Instrument :

BNA_F

ClientSampled :

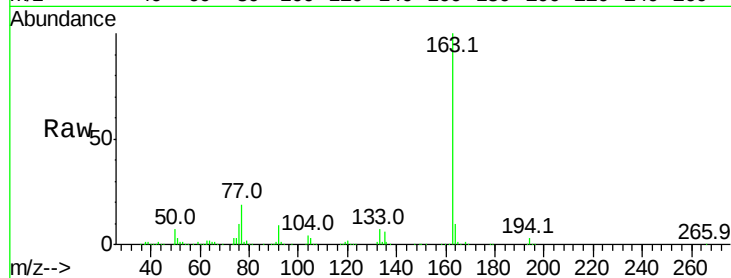
Tot Ion:163 Resp: 901045

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

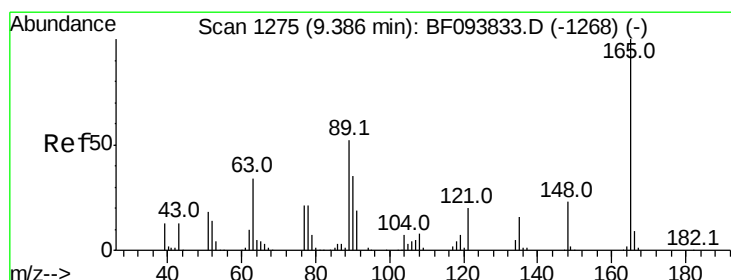
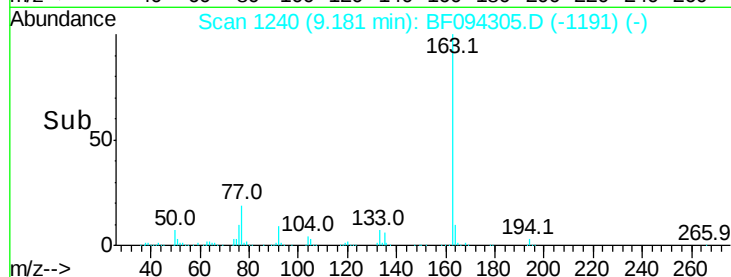
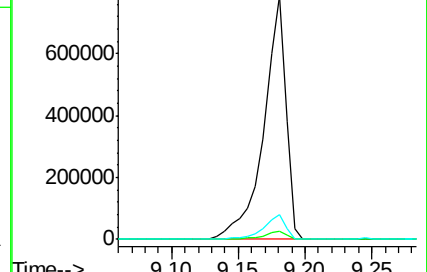
164 10.1 8.4 12.6



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: 42.51 ng

RT: 9.25 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

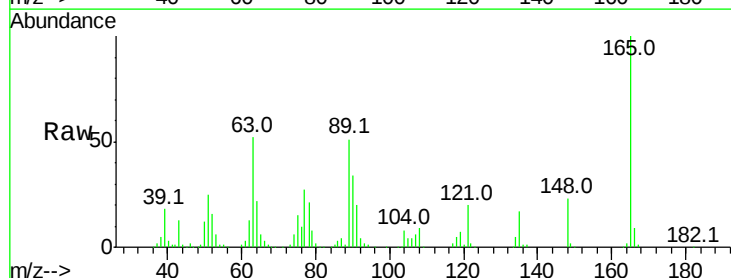
Tgt Ion:165 Resp: 203819

Ion Ratio Lower Upper

165 100

63 51.6 34.3 51.5#

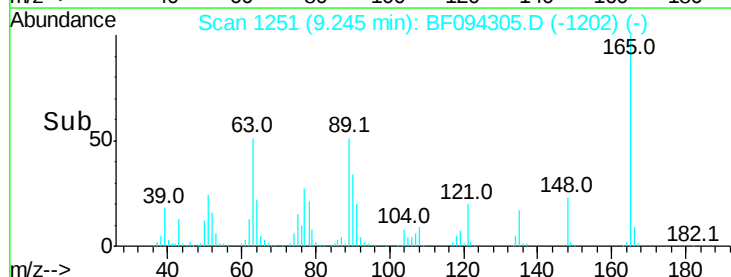
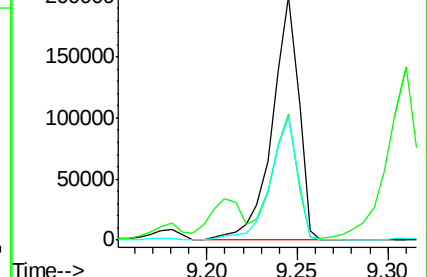
89 50.5 37.1 55.7



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: 39.96 ng

RT: 9.53 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

Instrument :

BNA_F

ClientSampleId :

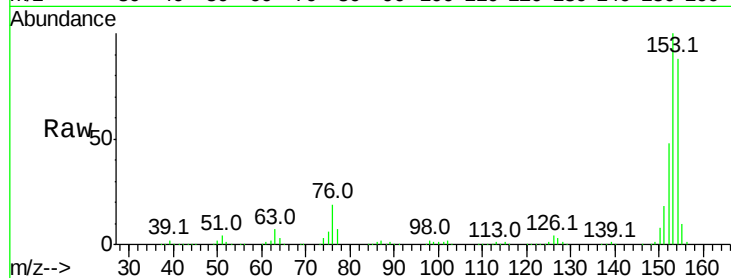
Tot Ion:154 Resp: 720033

Ion Ratio Lower Upper

154 100

153 113.6 90.5 135.7

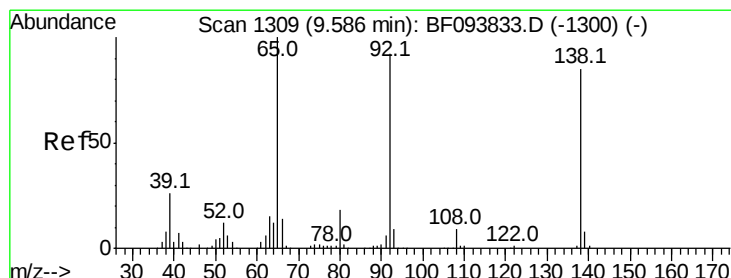
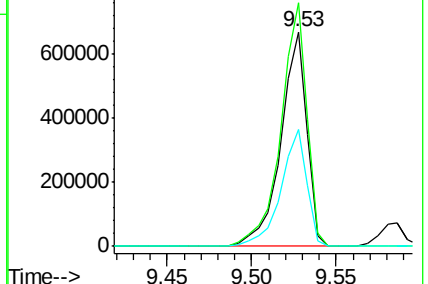
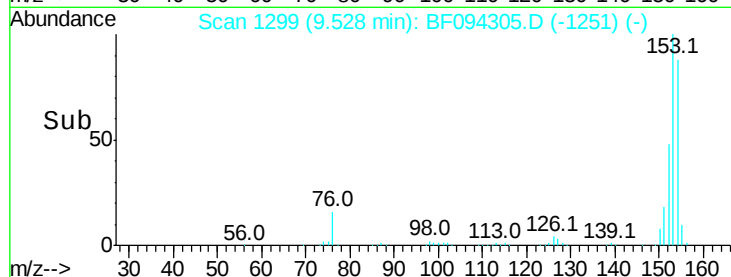
152 54.5 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.81 ng

RT: 9.45 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

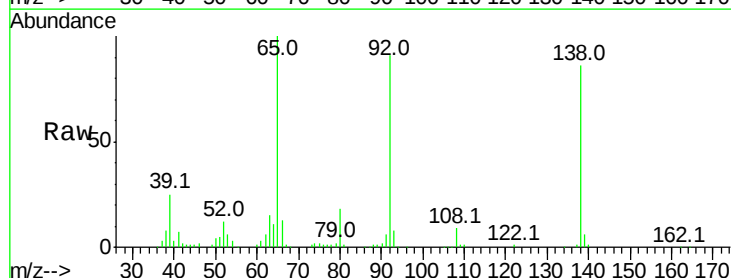
Tgt Ion:138 Resp: 100272

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

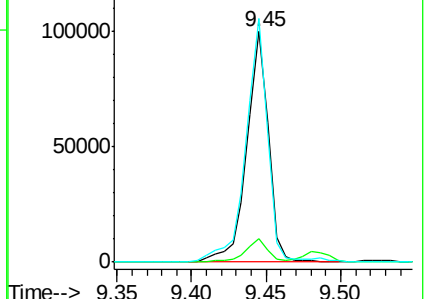
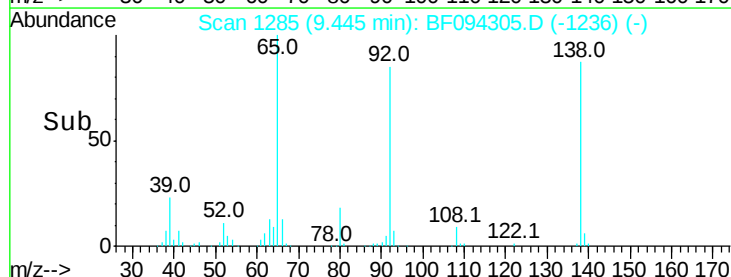
92 105.6 93.8 140.6

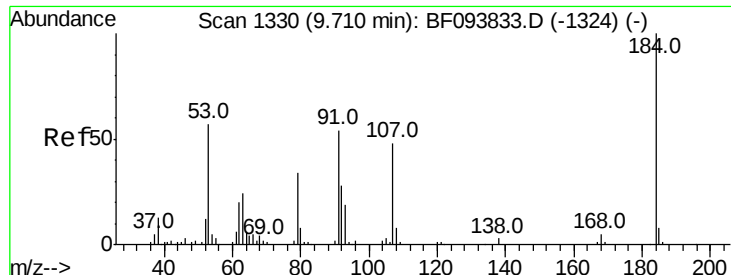


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

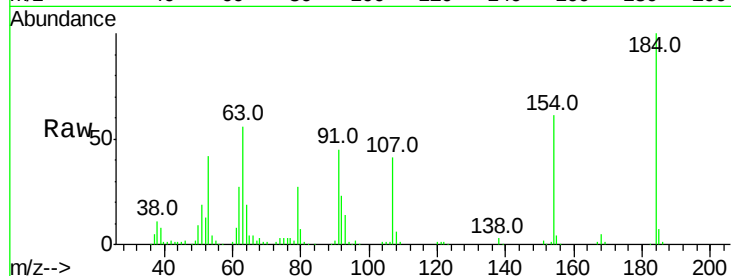




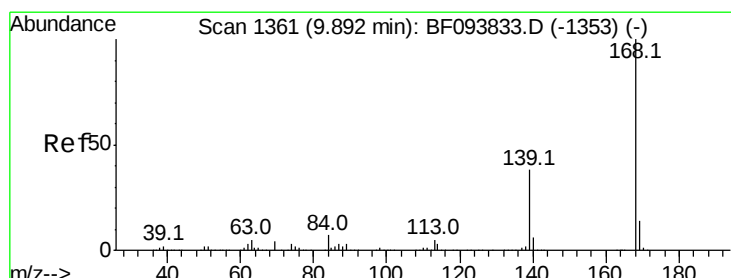
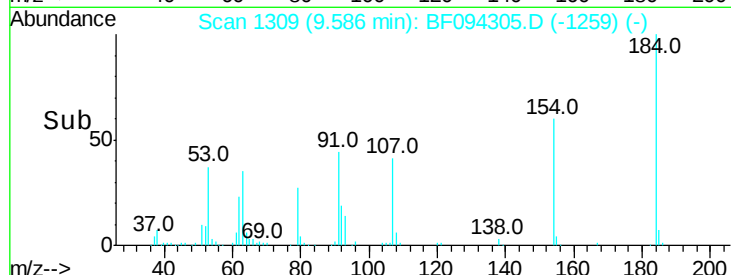
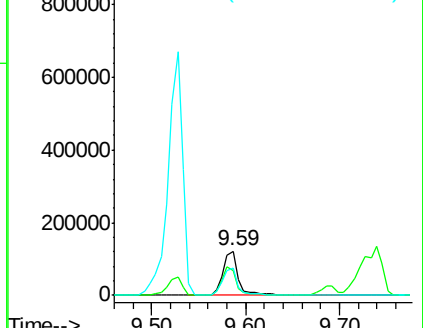
#53
 2,4-Dinitrophenol
 Concen: 56.98 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF094305.D
 Acq: 10 Apr 2017 12:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 142554
 Ion Ratio Lower Upper
 184 100
 63 56.3 62.7 94.1#
 154 60.8 81.1 121.7#

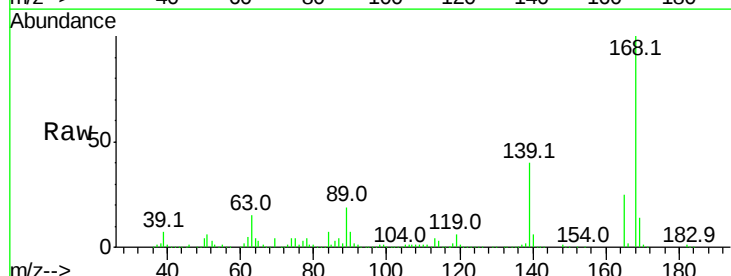


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

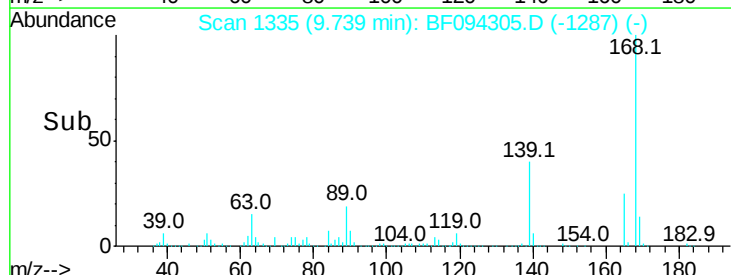
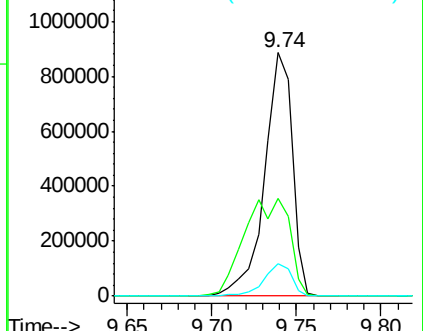


#54
 Dibenzofuran
 Concen: 41.14 ng
 RT: 9.74 min Scan# 1335
 Delta R.T. -0.02 min
 Lab File: BF094305.D
 Acq: 10 Apr 2017 12:33

Tgt Ion:168 Resp: 1009085
 Ion Ratio Lower Upper
 168 100
 139 40.2 30.6 45.8
 169 13.5 10.8 16.2



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

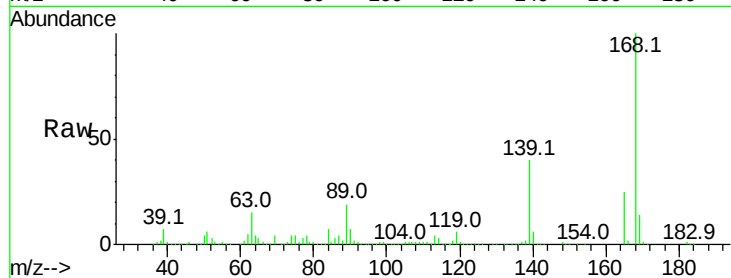




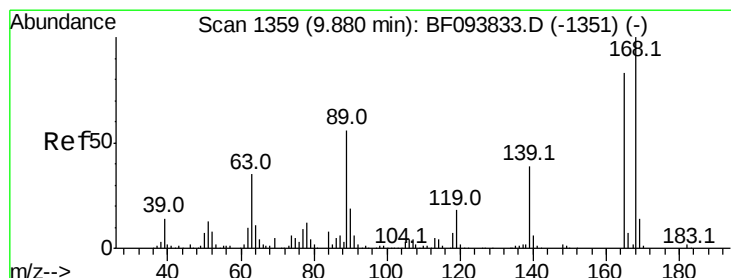
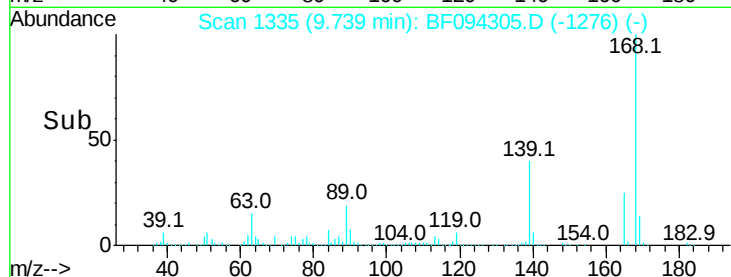
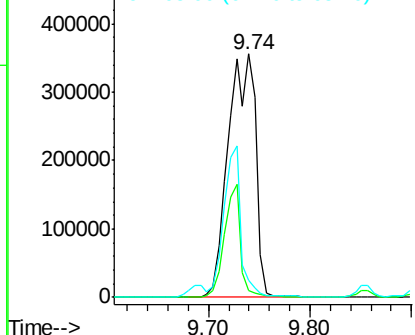
#55
4-Nitrophenol
Concen: 151.75 ng
RT: 9.74 min Scan# 1335
Delta R.T. 0.05 min
Lab File: BF094305.D
Acq: 10 Apr 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 669153
Ion Ratio Lower Upper
139 100
109 2.7 34.1 74.1#
65 6.9 31.4 71.4#



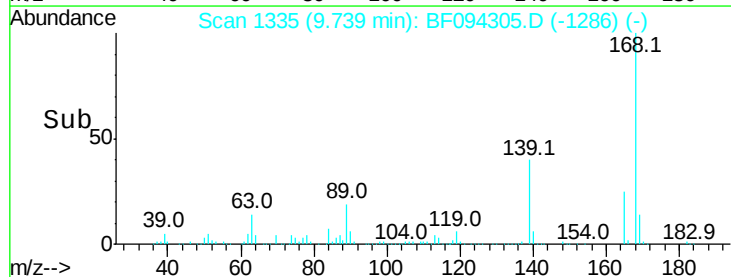
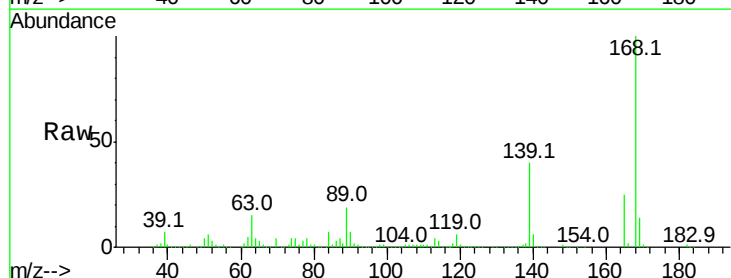
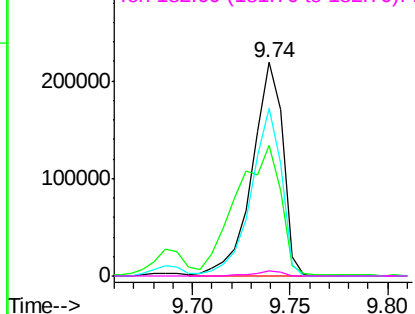
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

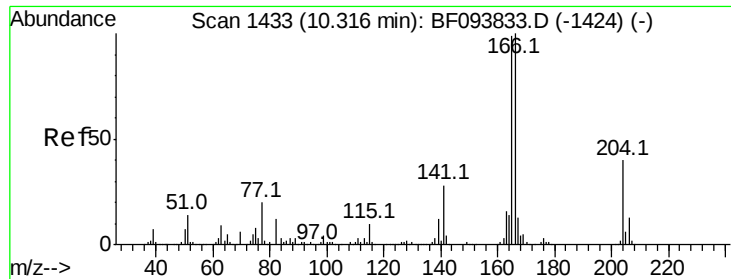


#56
2,4-Dinitrotoluene
Concen: 39.73 ng
RT: 9.74 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF094305.D
Acq: 10 Apr 2017 12:33

Tgt Ion:165 Resp: 239328
Ion Ratio Lower Upper
165 100
63 61.3 25.4 38.0#
89 78.8 46.4 69.6#
182 2.5 1.8 2.6

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
Ion 182.00 (181.70 to 182.70): E

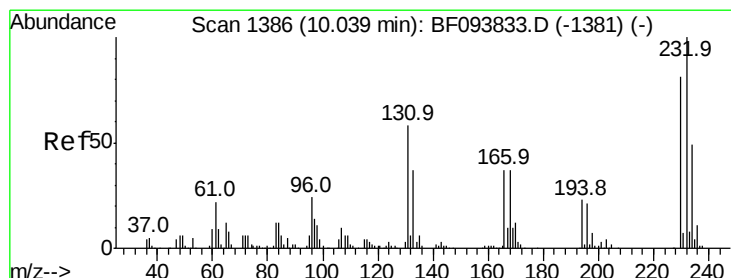
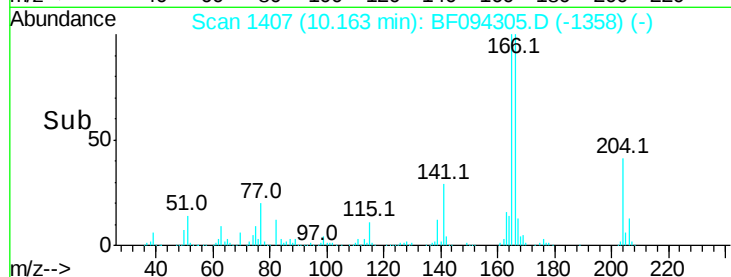
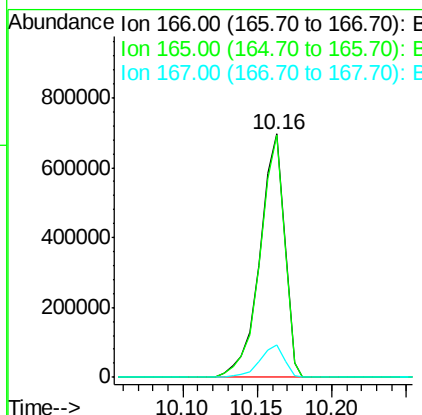
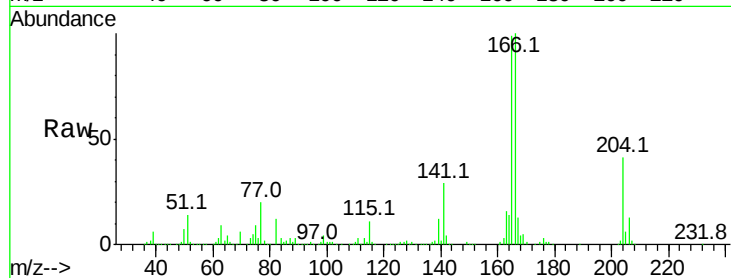




#57
 Fluorene
 Concen: 38.99 ng
 RT: 10.16 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF094305.D
 Acq: 10 Apr 2017 12:33

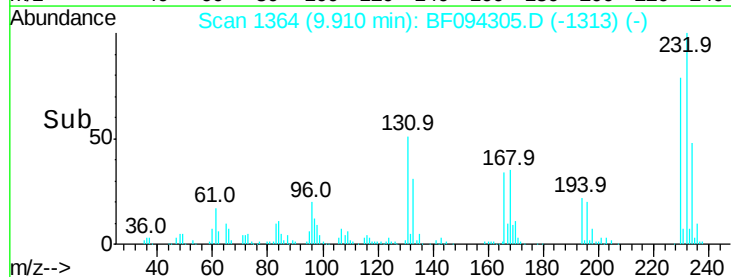
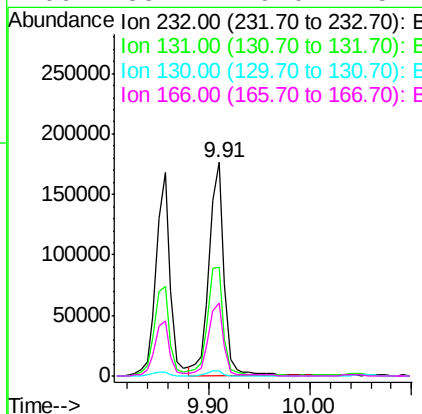
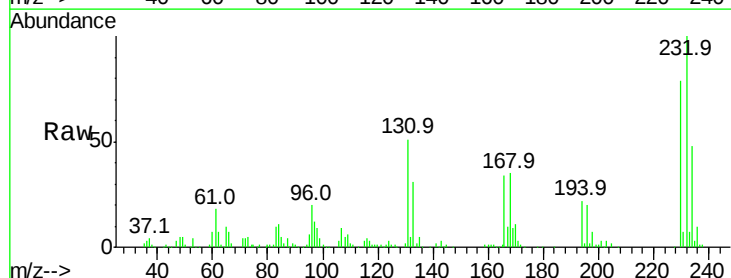
Instrument :
 BNA_F
 ClientSampleId :

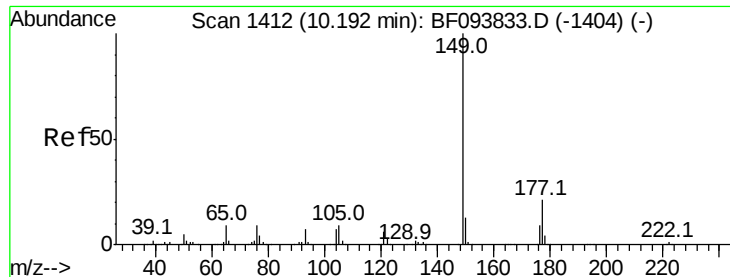
Tot Ion:166 Resp: 793015
 Ion Ratio Lower Upper
 166 100
 165 99.5 78.8 118.2
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.19 ng
 RT: 9.91 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: BF094305.D
 Acq: 10 Apr 2017 12:33

Tgt Ion:232 Resp: 182616
 Ion Ratio Lower Upper
 232 100
 131 55.0 44.8 67.2
 130 2.6 2.3 3.5
 166 35.2 29.0 43.4

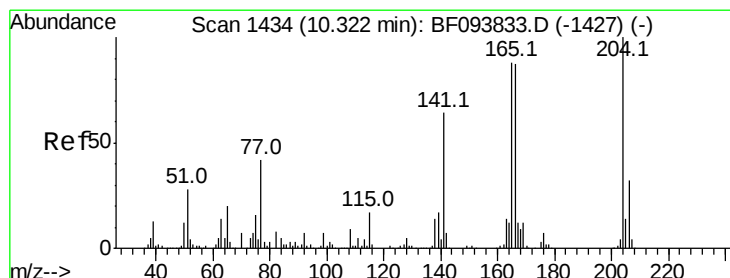
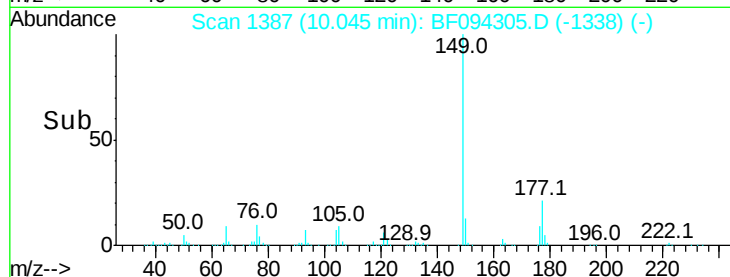
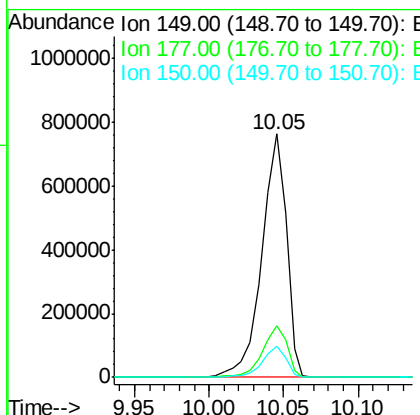
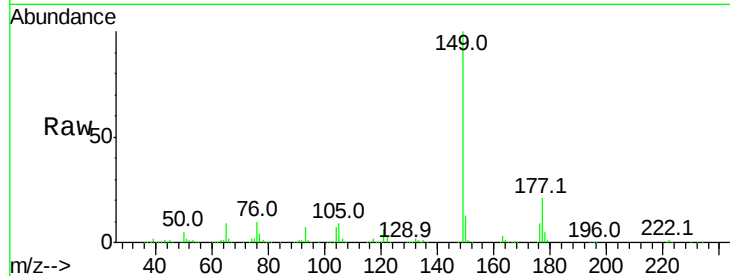




#59
Diethylphthalate
Concen: 41.98 ng
RT: 10.05 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF094305.D
Acq: 10 Apr 2017 12:33

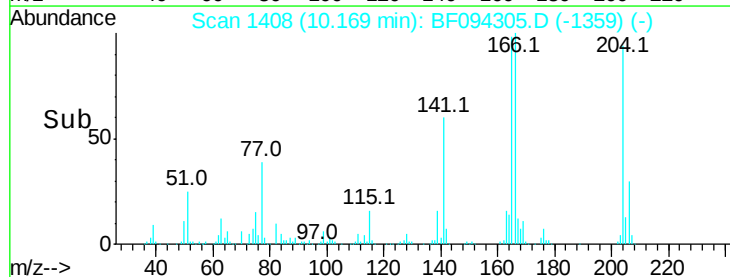
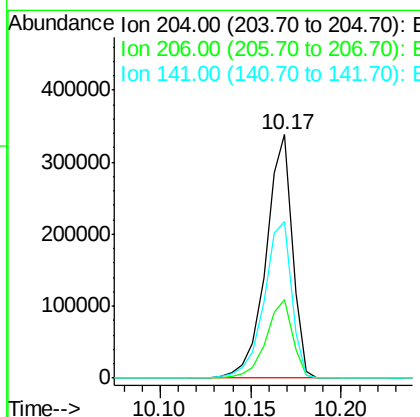
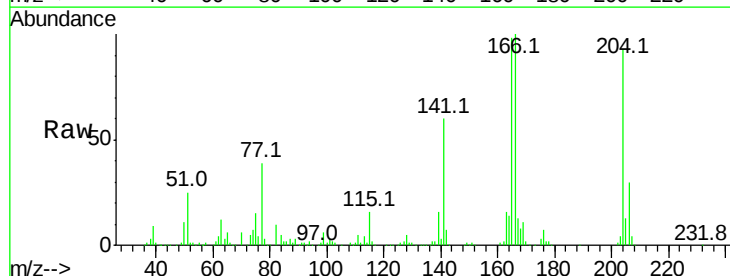
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.7	25.1
150	12.6	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.44 ng
RT: 10.17 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF094305.D
Acq: 10 Apr 2017 12:33

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.2	39.2
141	64.5	60.8	91.2





#61

4-Nitroaniline

Concen: 35.99 ng

RT: 10.21 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

Instrument :

BNA_F

ClientSampled :

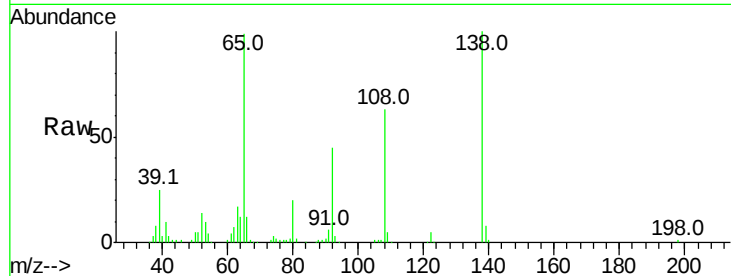
Tot Ion:138 Resp: 194456

Ion Ratio Lower Upper

138 100

92 44.8 21.8 61.8

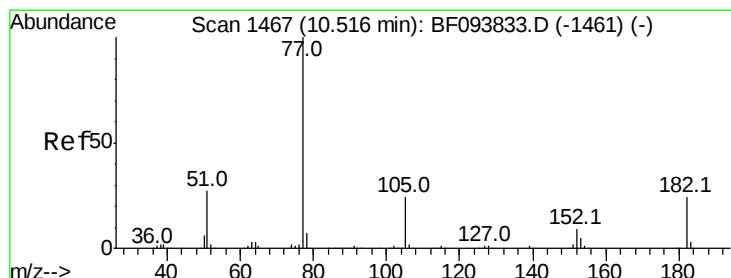
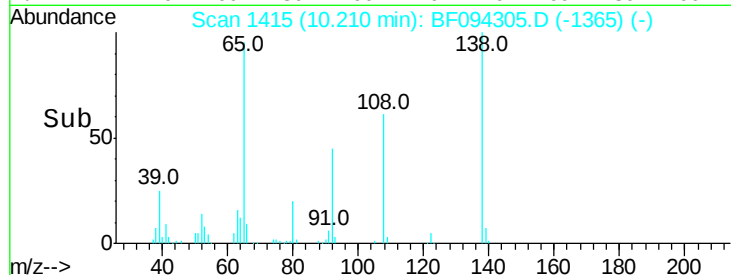
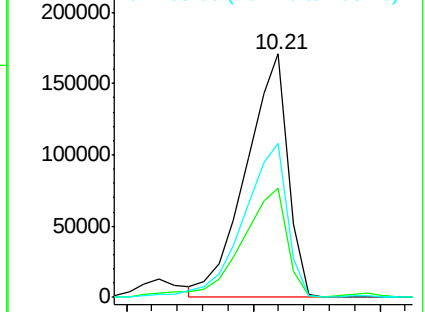
108 63.0 42.3 82.3



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: 43.00 ng

RT: 10.36 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

Tgt Ion: 77 Resp: 840946

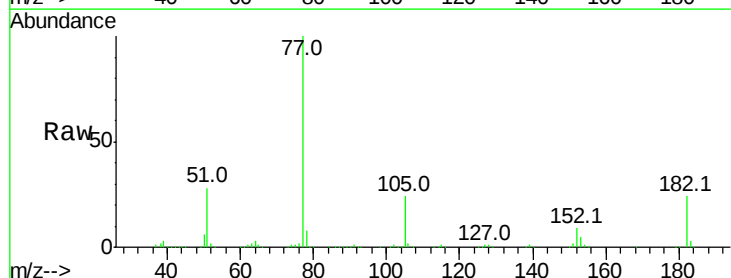
Ion Ratio Lower Upper

77 100

182 24.0 0.1 40.1

105 23.7 3.6 43.6

51 27.6 9.4 49.4

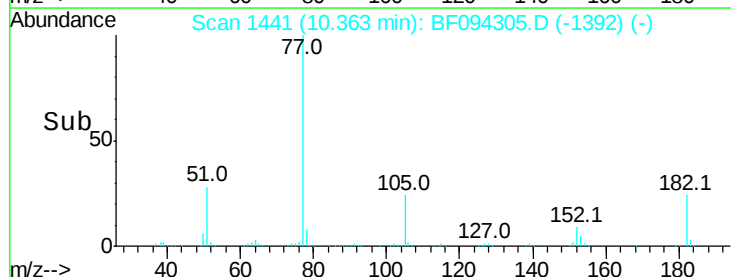
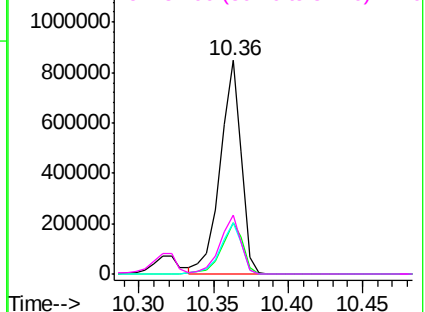


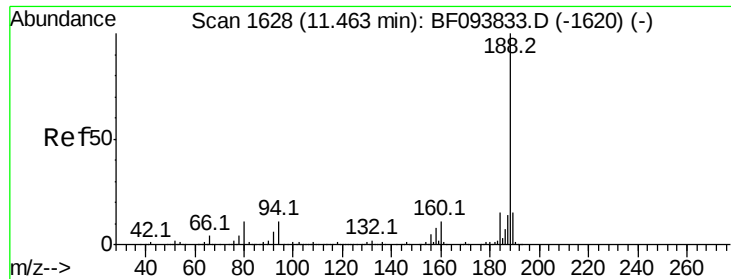
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

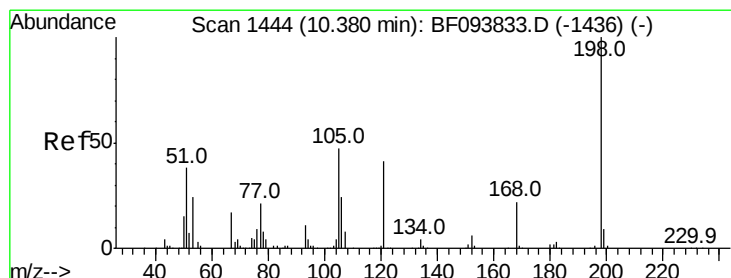
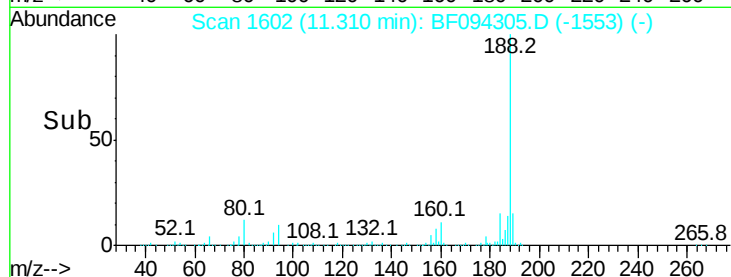
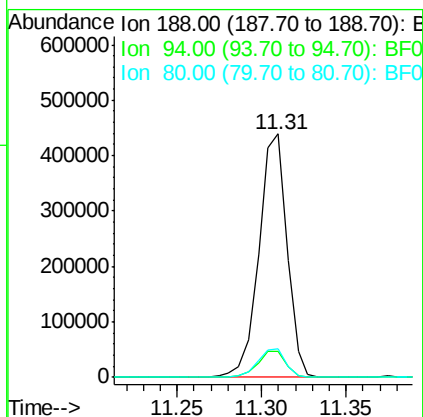
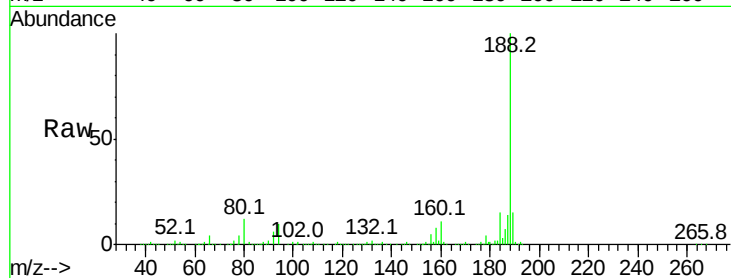




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF094305.D
Acq: 10 Apr 2017 12:33

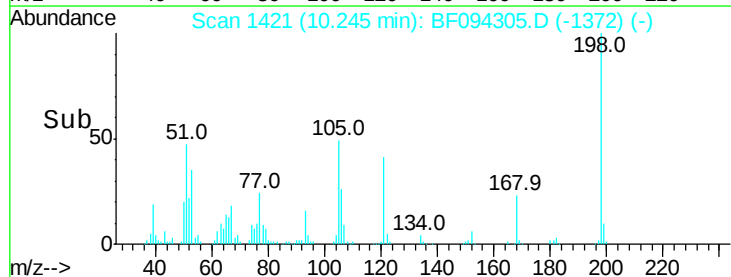
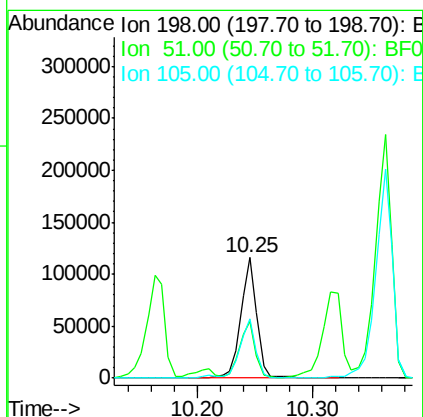
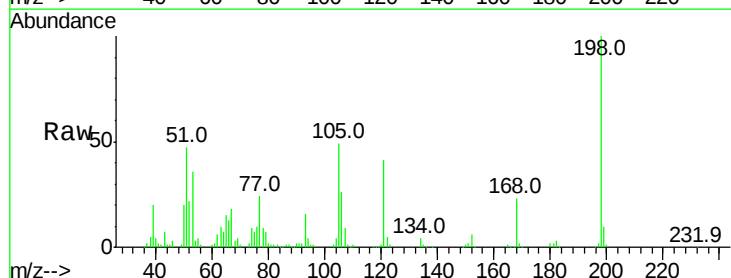
Instrument :
BNA_F
ClientSampleId :

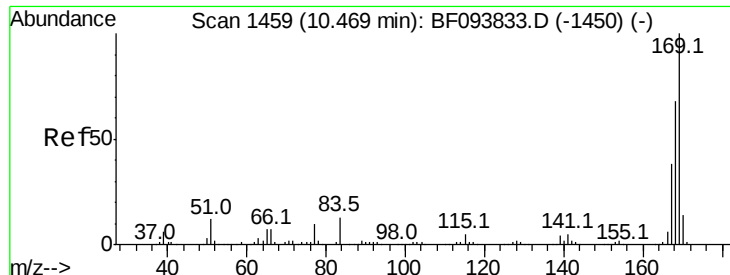
Tot Ion:188 Resp: 507802
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.8 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 36.09 ng
RT: 10.25 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF094305.D
Acq: 10 Apr 2017 12:33

Tgt Ion:198 Resp: 112249
Ion Ratio Lower Upper
198 100
51 46.8 53.2 93.2#
105 49.0 45.8 85.8

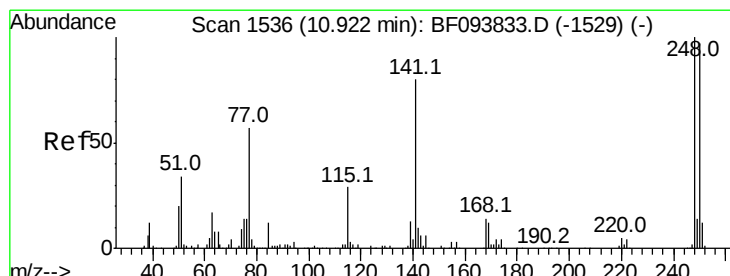
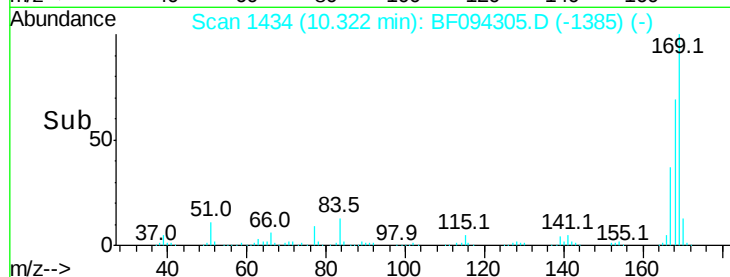
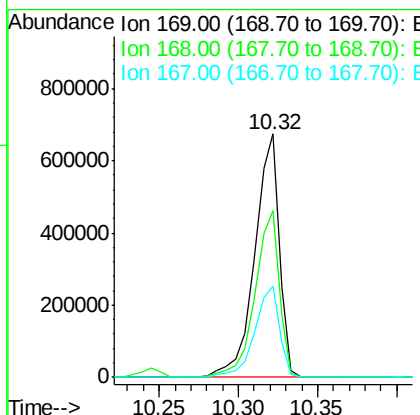
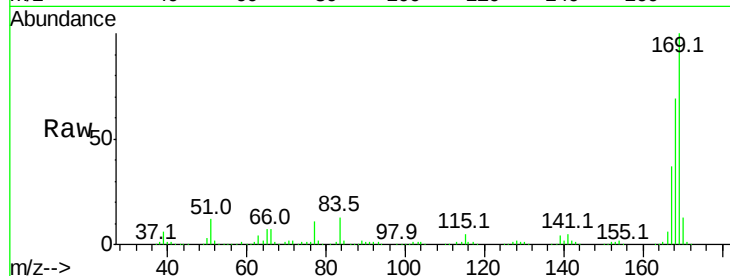




#65
 n-Nitrosodiphenylamine
 Concen: 41.50 ng
 RT: 10.32 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF094305.D
 Acq: 10 Apr 2017 12:33

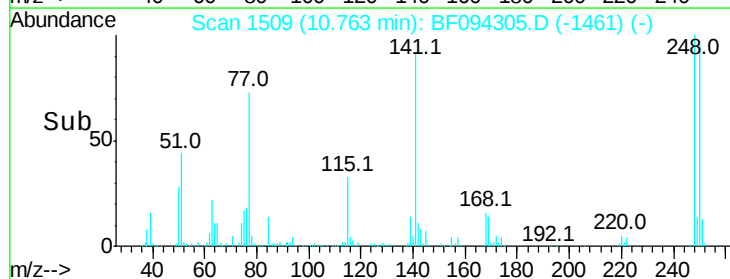
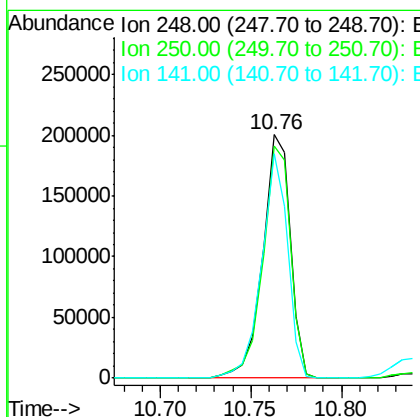
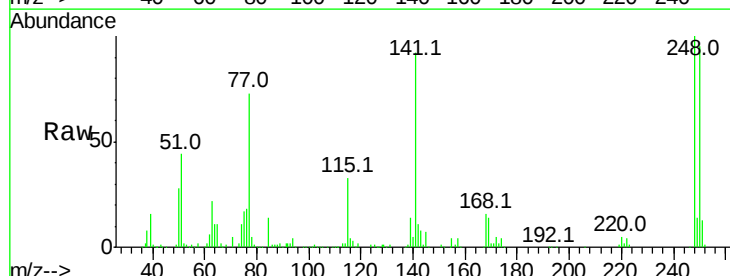
Instrument :
 BNA_F
 ClientSampleId :

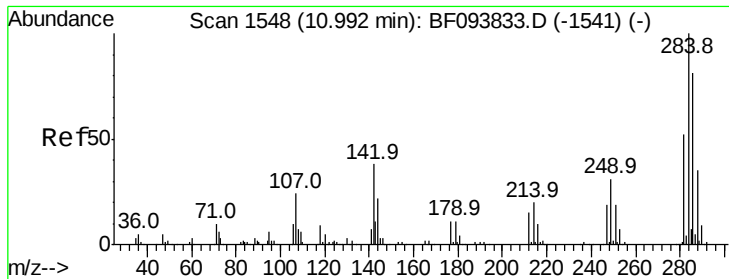
Tot Ion:169 Resp: 728850
 Ion Ratio Lower Upper
 169 100
 168 68.8 53.2 79.8
 167 37.4 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 42.74 ng
 RT: 10.76 min Scan# 1509
 Delta R.T. -0.02 min
 Lab File: BF094305.D
 Acq: 10 Apr 2017 12:33

Tgt Ion:248 Resp: 213465
 Ion Ratio Lower Upper
 248 100
 250 95.1 76.8 115.2
 141 92.2 68.6 103.0

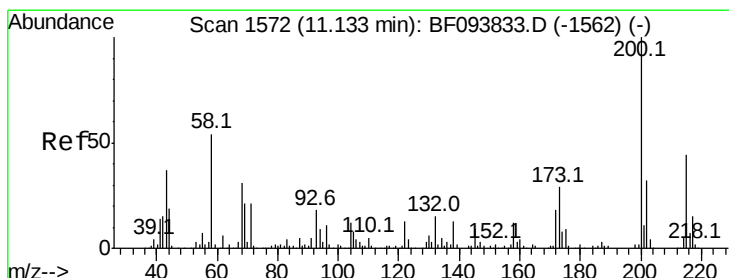
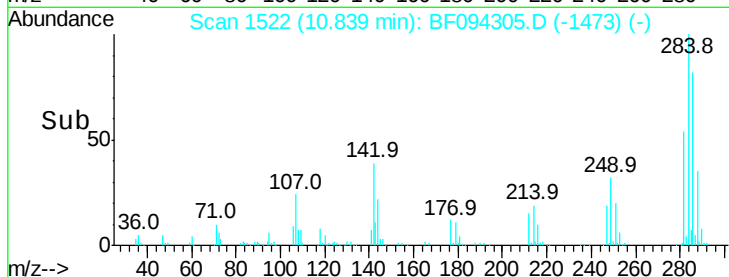
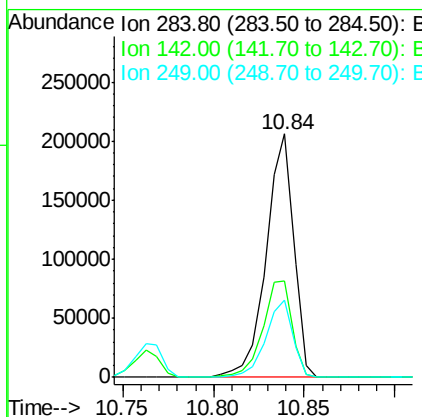
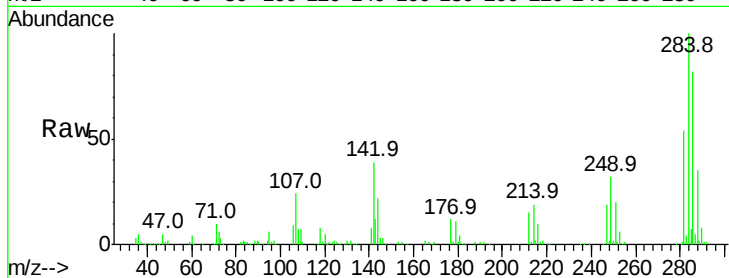




#67
Hexachlorobenzene
Concen: 43.03 ng
RT: 10.84 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BF094305.D
Acq: 10 Apr 2017 12:33

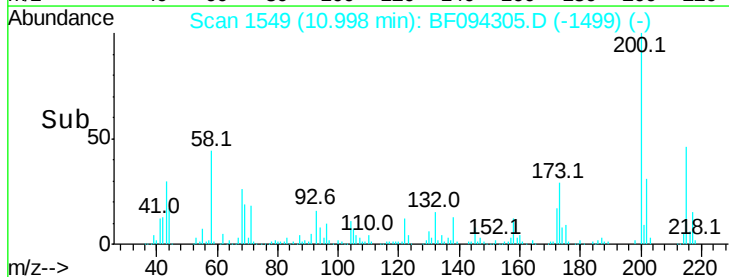
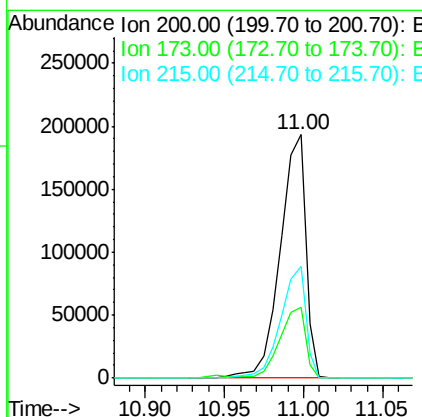
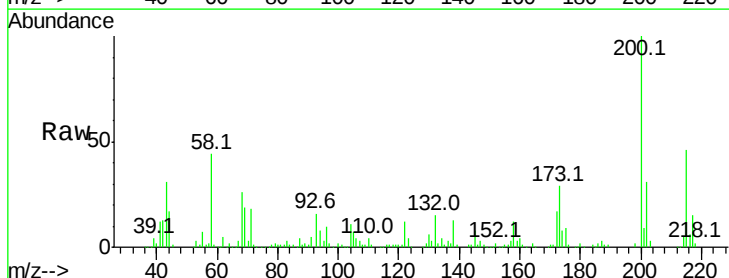
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	39.3	22.8	34.2#
249	31.7	24.0	36.0



#68
Atrazine
Concen: 41.30 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF094305.D
Acq: 10 Apr 2017 12:33

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.9	6.3	46.3
215	46.1	27.2	67.2





#69

Pentachlorophenol

Concen: 54.61 ng

RT: 11.10 min Scan# 1566

Delta R.T. -0.00 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

Instrument :

BNA_F

ClientSampleId :

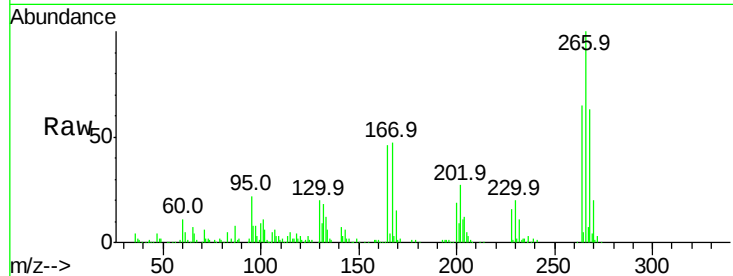
Tot Ion:266 Resp: 171832

Ion Ratio Lower Upper

266 100

268 63.3 51.1 76.7

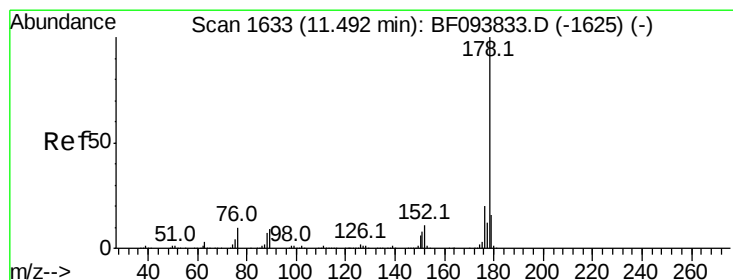
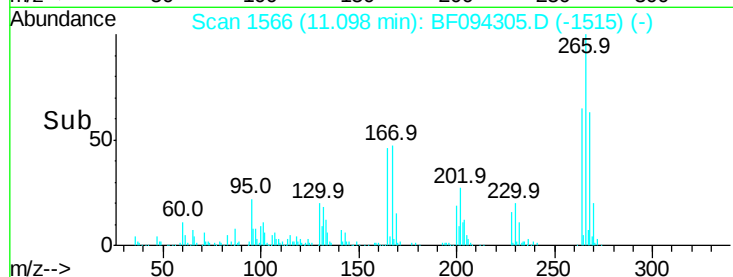
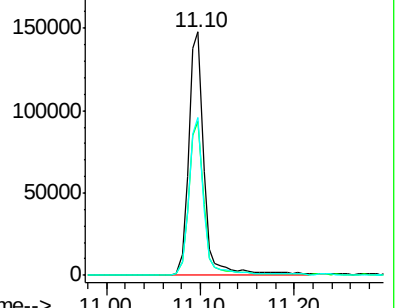
264 64.8 51.7 77.5



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



#70

Phenanthrene

Concen: 41.08 ng

RT: 11.34 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

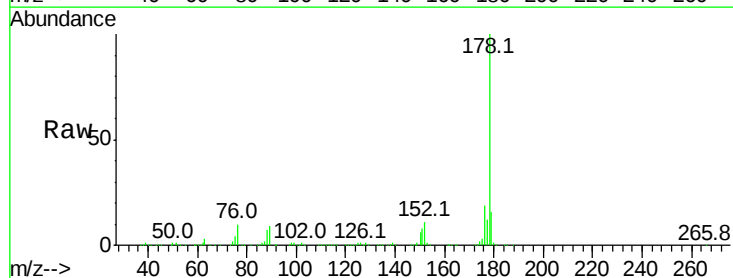
Tgt Ion:178 Resp: 1160408

Ion Ratio Lower Upper

178 100

176 19.3 16.2 24.4

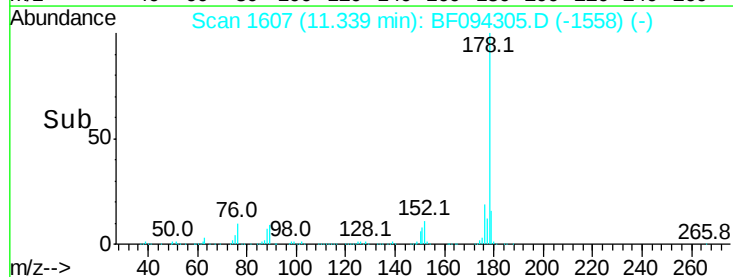
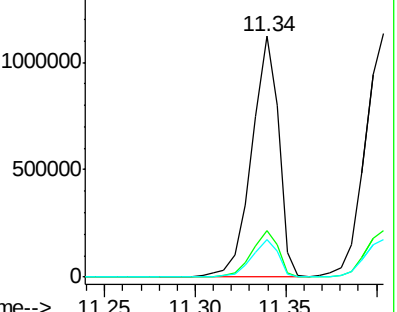
179 15.7 12.6 19.0

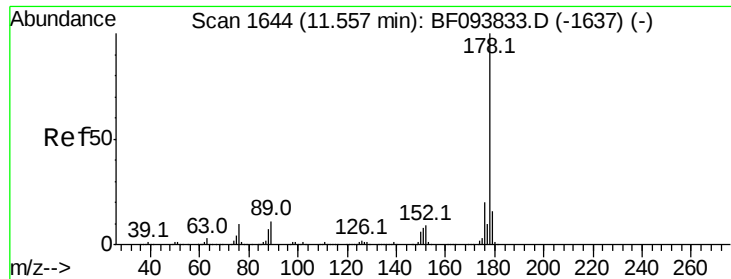


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



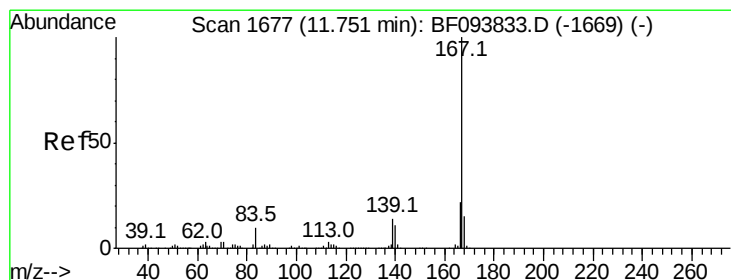
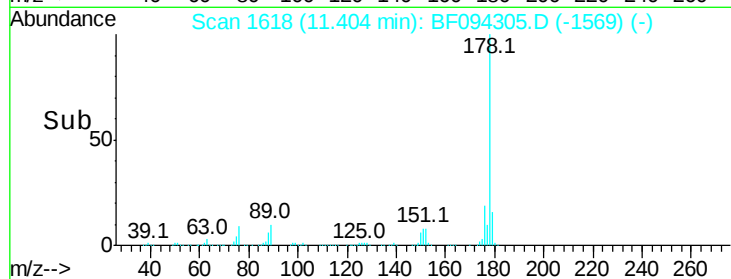
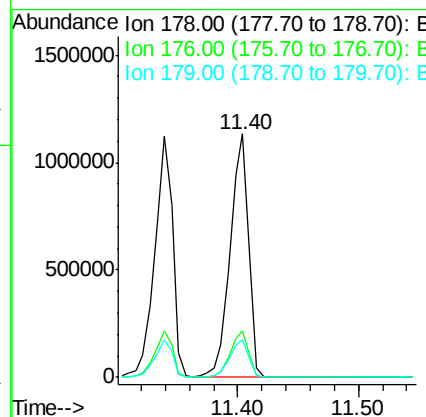
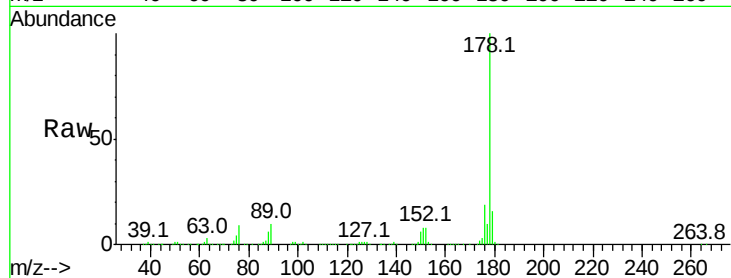


#71
 Anthracene
 Concen: 40.92 ng
 RT: 11.40 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF094305.D
 Acq: 10 Apr 2017 12:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1190214

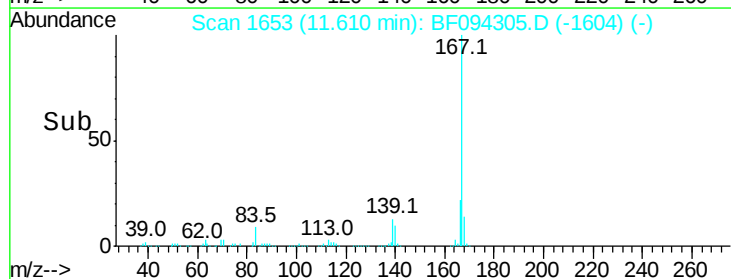
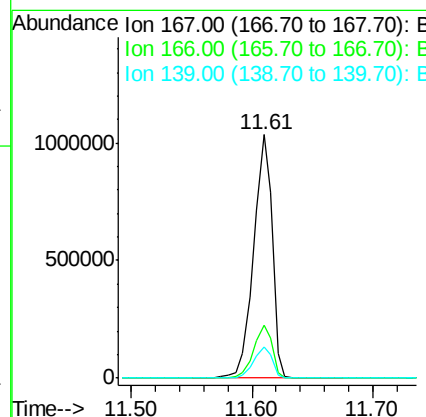
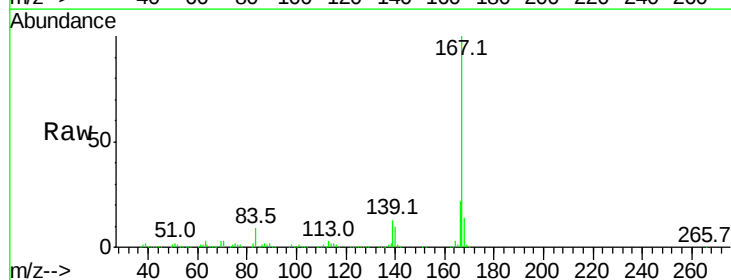
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.5	12.7	19.1

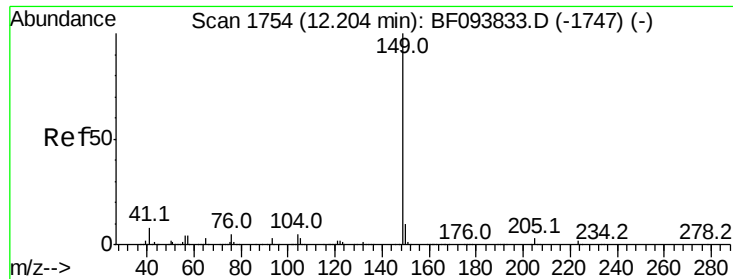


#72
 Carbazole
 Concen: 37.32 ng
 RT: 11.61 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BF094305.D
 Acq: 10 Apr 2017 12:33

Tgt Ion:167 Resp: 1113181

Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.1	27.1
139	13.1	11.7	17.5





#73

Di-n-butylphthalate

Concen: 42.98 ng

RT: 12.06 min Scan# 1729

Delta R.T. -0.01 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

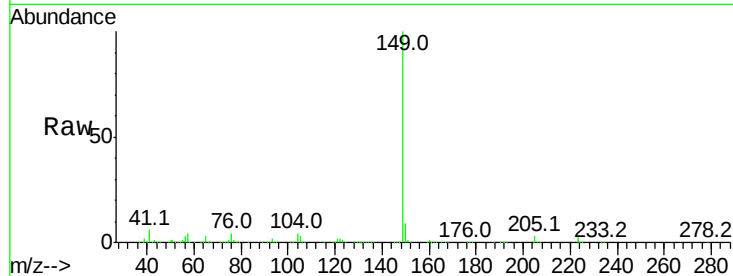
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1333007

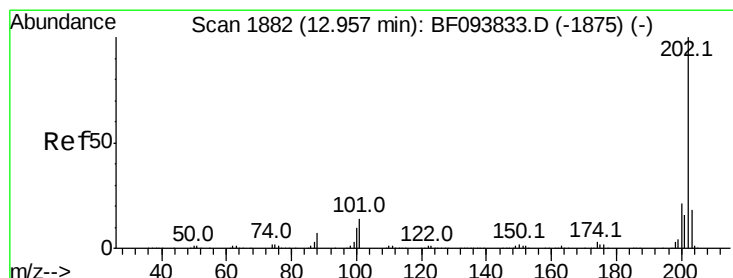
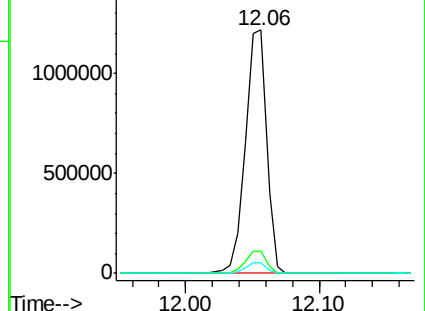
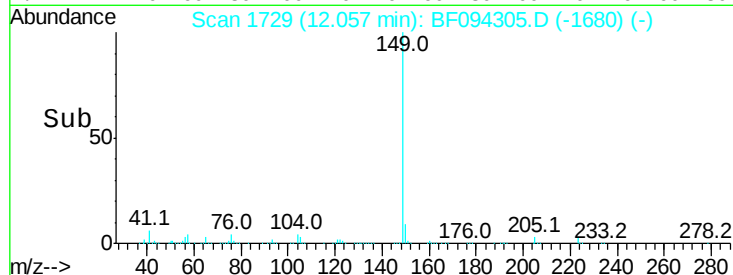
Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.7	11.5
104	4.5	4.0	6.0



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: 40.77 ng

RT: 12.80 min Scan# 1856

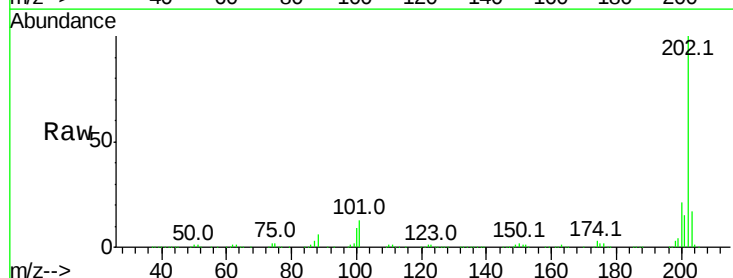
Delta R.T. -0.01 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

Tgt Ion:202 Resp: 1179434

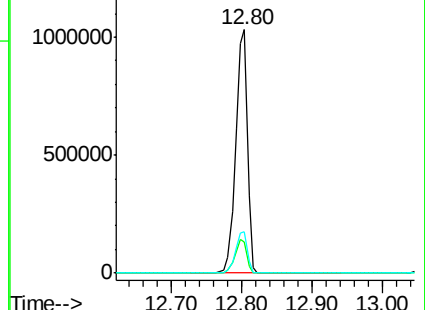
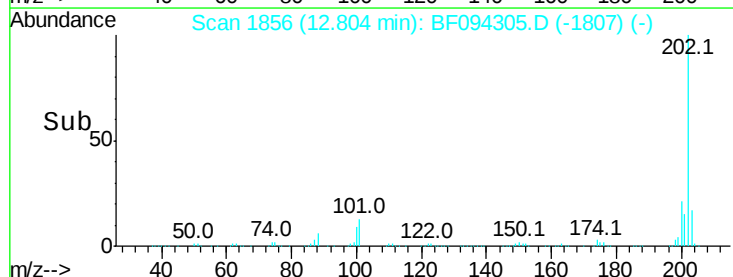
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.2
203	17.0	0.0	38.1

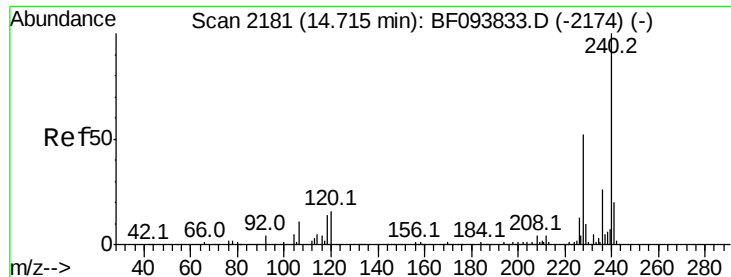


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.56 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

Instrument :

BNA_F

ClientSampled :

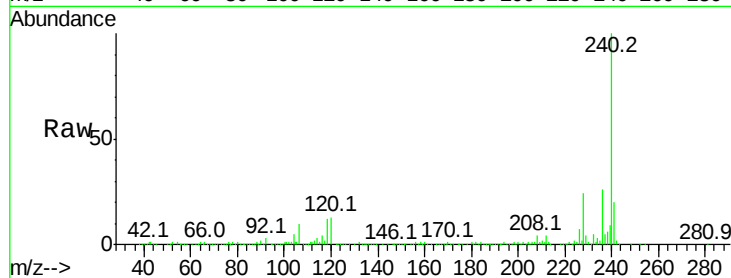
Tot Ion:240 Resp: 376083

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

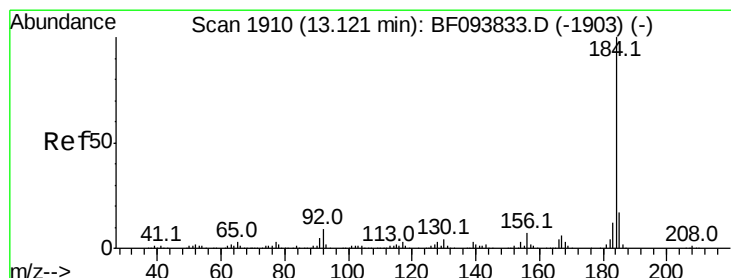
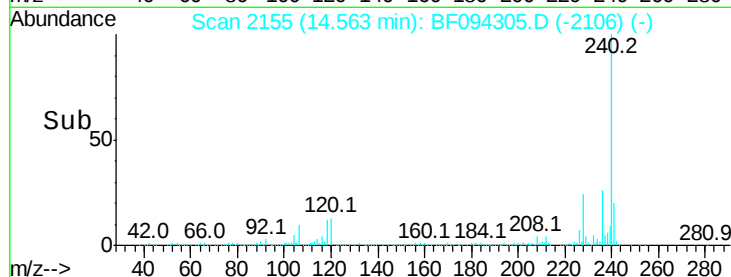
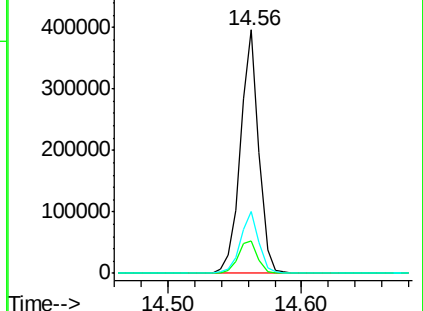
236 25.5 20.5 30.7



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



#76

Benzidine

Concen: 23.76 ng

RT: 12.97 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

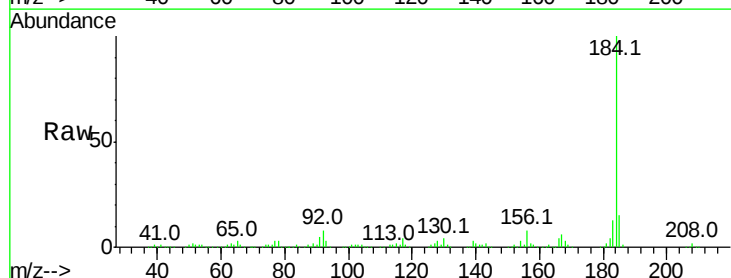
Tgt Ion:184 Resp: 353727

Ion Ratio Lower Upper

184 100

185 14.9 15.5 23.3#

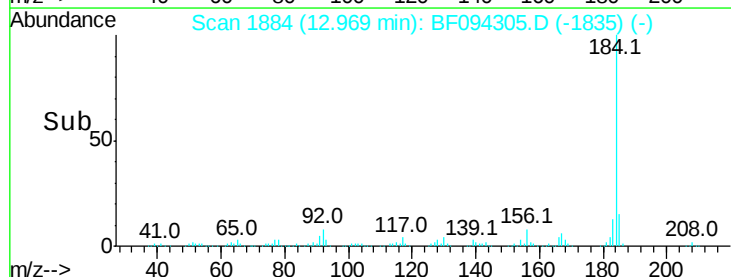
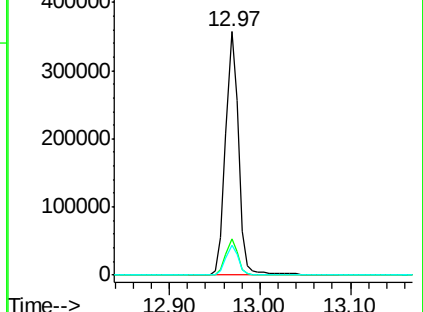
183 12.5 9.8 14.6



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

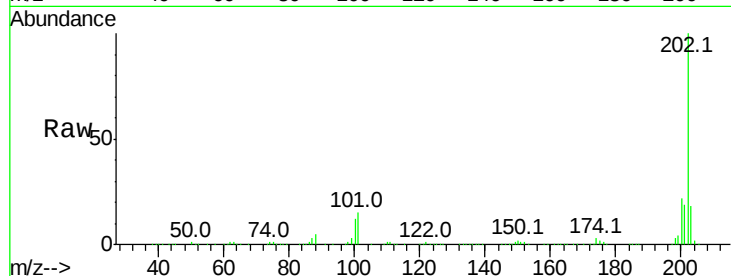




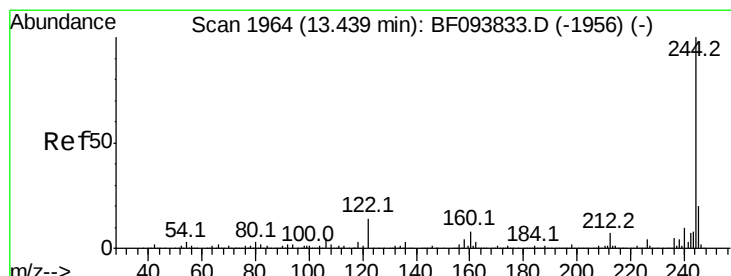
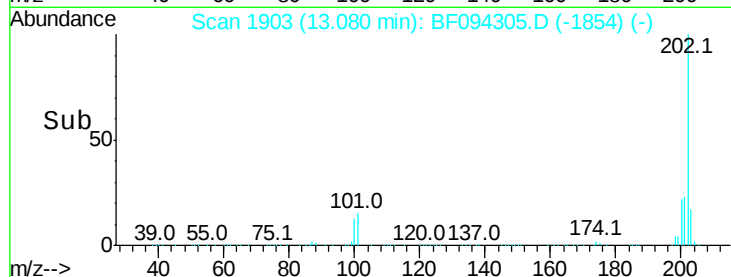
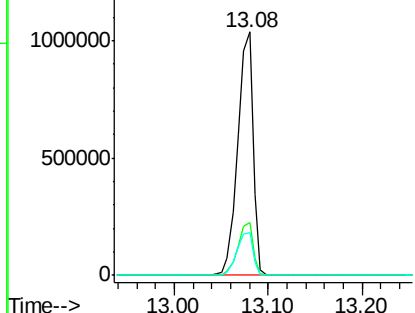
#77
Pvrene
Concen: 43.22 ng
RT: 13.08 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BF094305.D
Acq: 10 Apr 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1179547
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 17.5 14.4 21.6

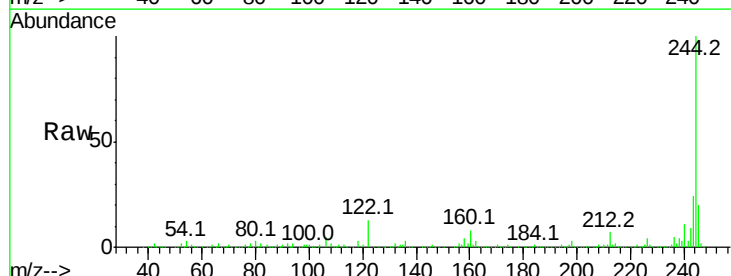


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

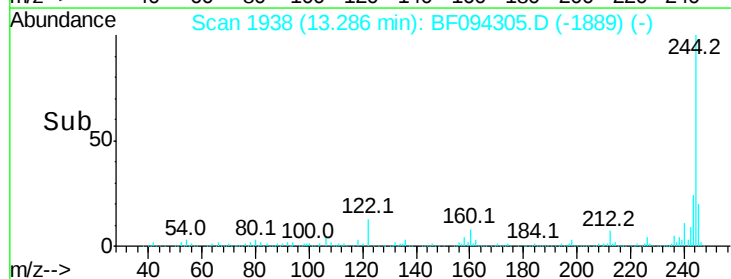
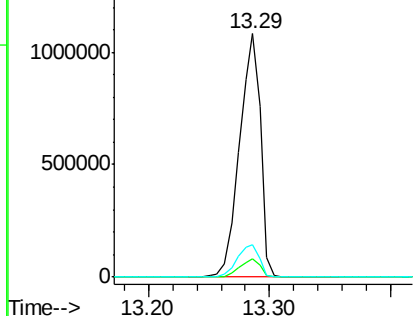


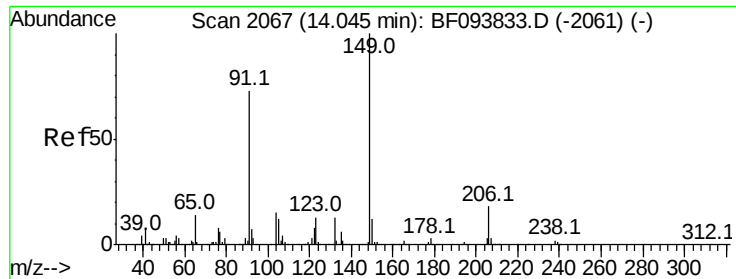
#78
Terphenyl-d14
Concen: 77.65 ng
RT: 13.29 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BF094305.D
Acq: 10 Apr 2017 12:33

Tgt Ion:244 Resp: 1302902
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 13.5 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

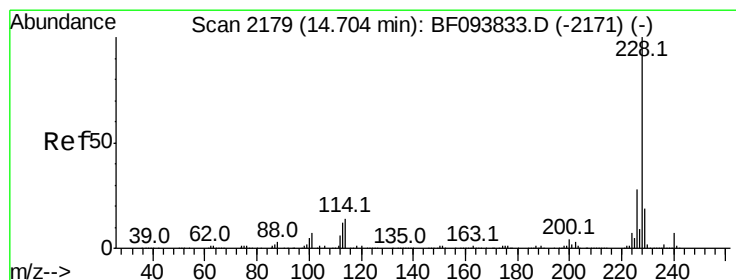
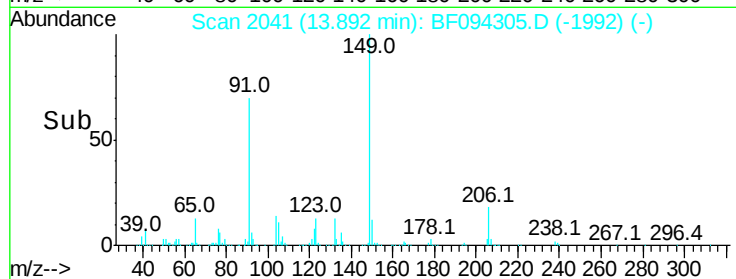
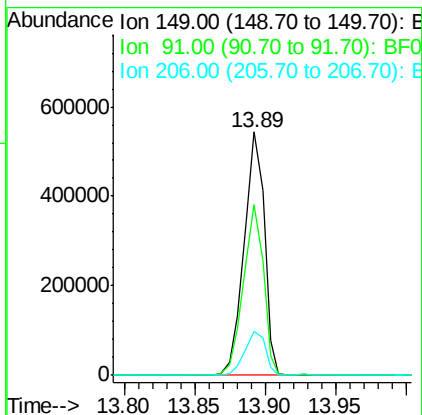
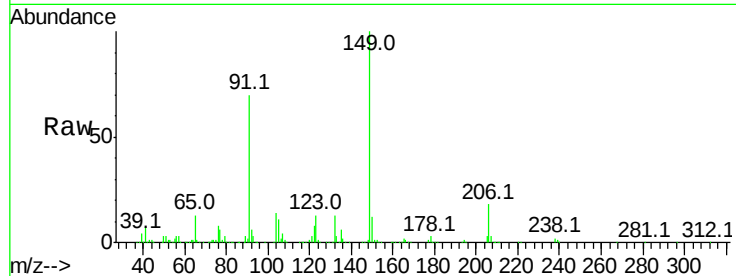




#79
Butylbenzylphthalate
Concen: 47.30 ng
RT: 13.89 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF094305.D
Acq: 10 Apr 2017 12:33

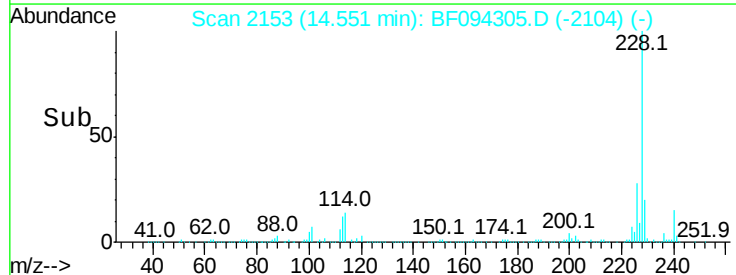
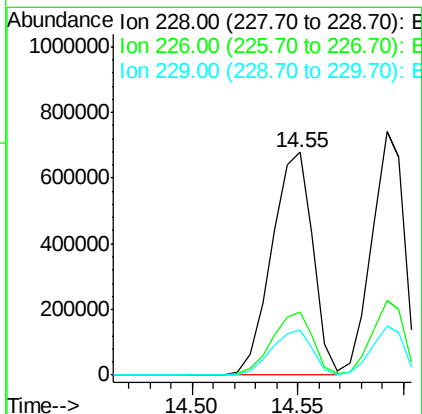
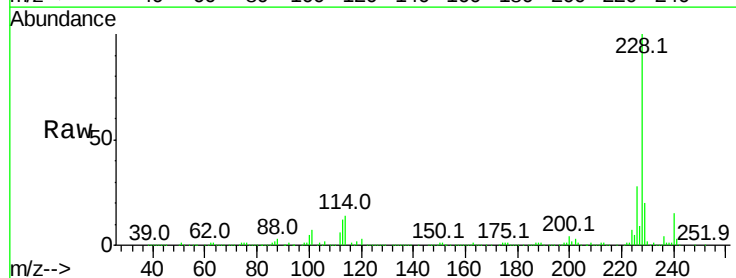
Instrument :
BNA_F
ClientSampleId :

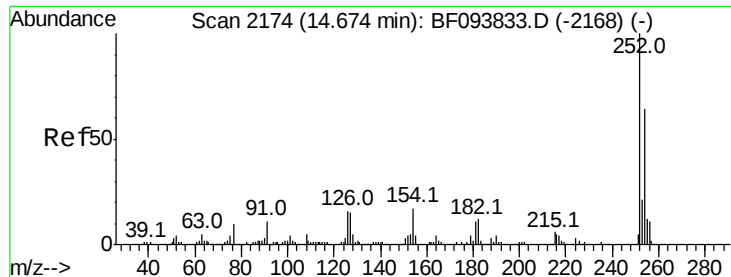
Tot Ion:149 Resp: 550031
Ion Ratio Lower Upper
149 100
91 70.4 45.0 67.4#
206 17.9 17.0 25.6



#80
Benzo(a)anthracene
Concen: 41.91 ng
RT: 14.55 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BF094305.D
Acq: 10 Apr 2017 12:33

Tgt Ion:228 Resp: 919184
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 20.4 16.3 24.5

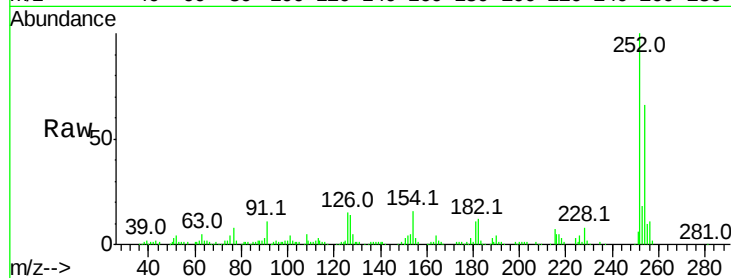




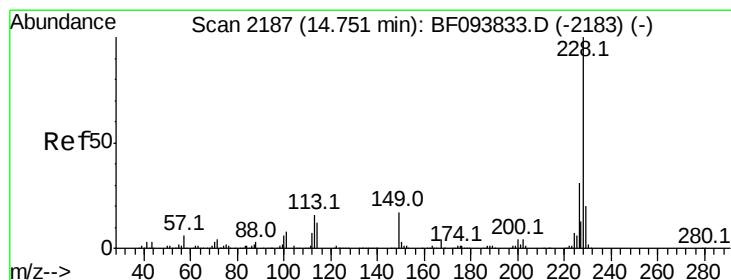
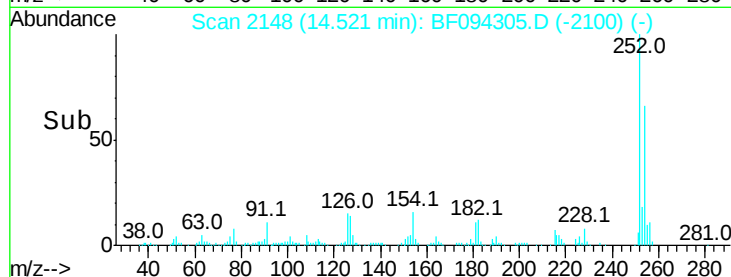
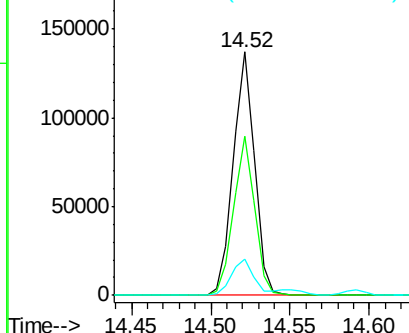
#81
 3,3'-Dichlorobenzidine
 Concen: 16.38 ng
 RT: 14.52 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BF094305.D
 Acq: 10 Apr 2017 12:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.5	77.3
126	15.0	15.8	23.8#

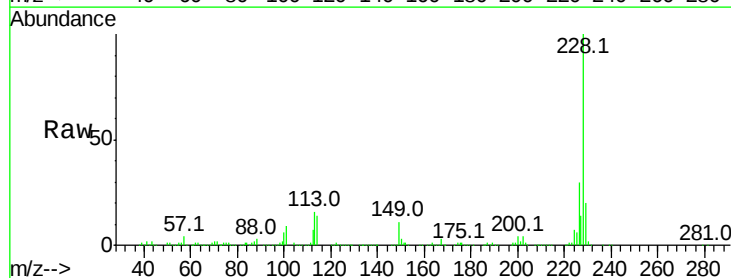


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

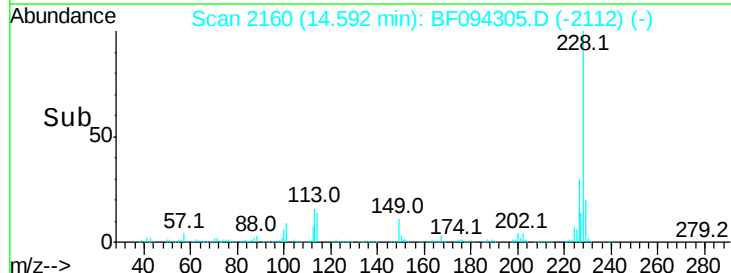
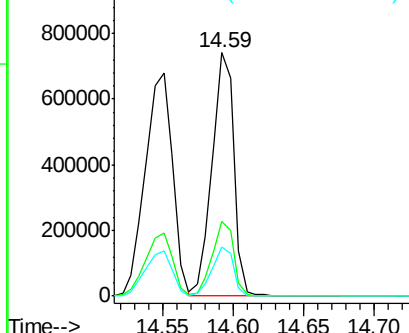


#82
 Chrysene
 Concen: 39.09 ng
 RT: 14.59 min Scan# 2160
 Delta R.T. -0.02 min
 Lab File: BF094305.D
 Acq: 10 Apr 2017 12:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	20.3	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

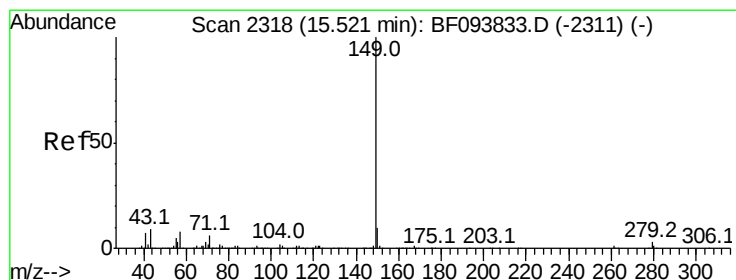
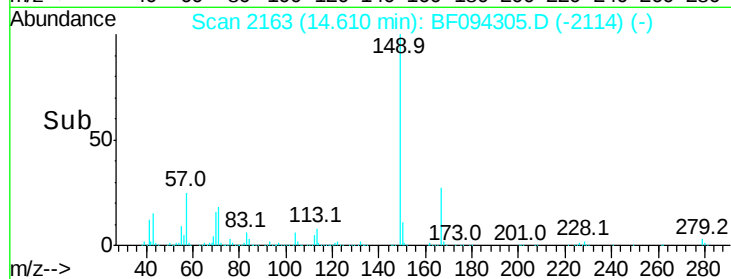
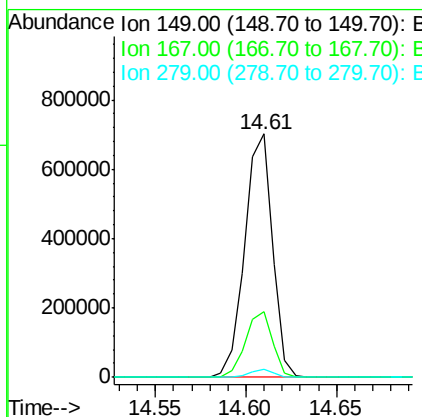
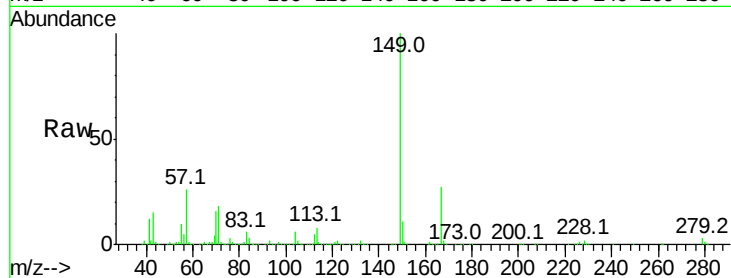




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.95 ng
 RT: 14.61 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BF094305.D
 Acq: 10 Apr 2017 12:33

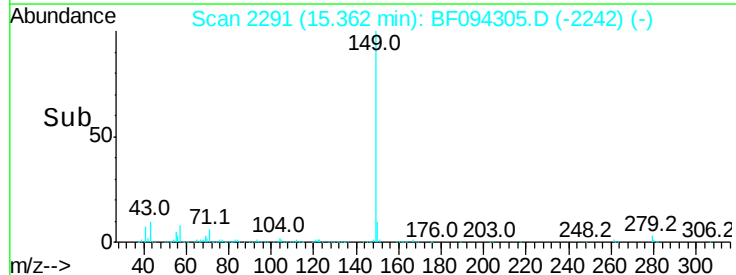
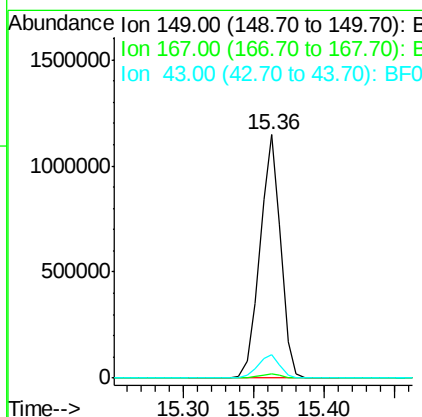
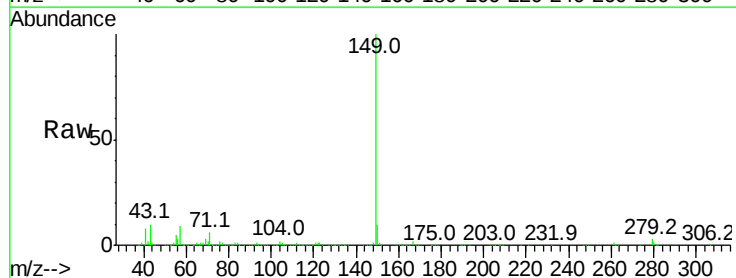
Instrument :
 BNA_F
 ClientSampleId :

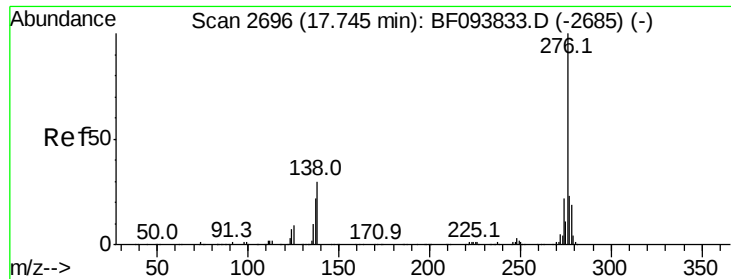
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.0	31.4
279	3.2	1.9	2.9#



#84
 Di-n-octyl phthalate
 Concen: 44.68 ng
 RT: 15.36 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF094305.D
 Acq: 10 Apr 2017 12:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.7	8.5	12.7

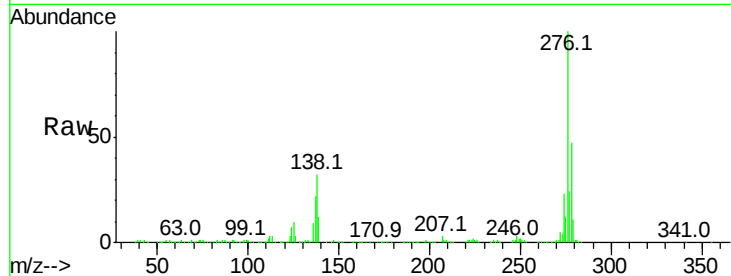




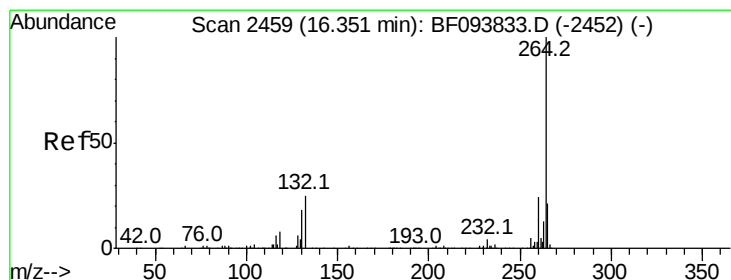
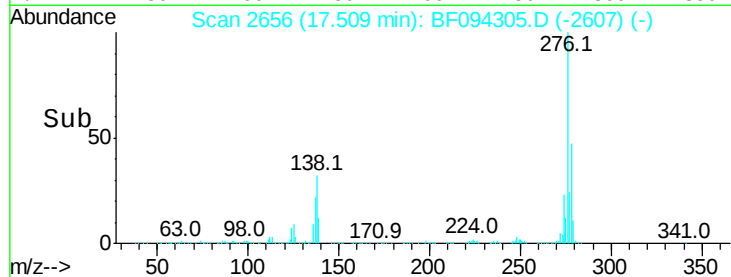
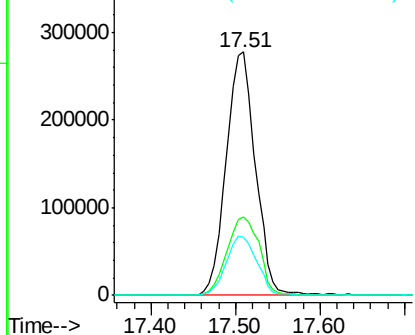
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.69 ng
 RT: 17.51 min Scan# 2656
 Delta R.T. -0.01 min
 Lab File: BF094305.D
 Acq: 10 Apr 2017 12:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 664391
 Ion Ratio Lower Upper
 276 100
 138 35.4 27.8 41.6
 277 25.7 20.2 30.4

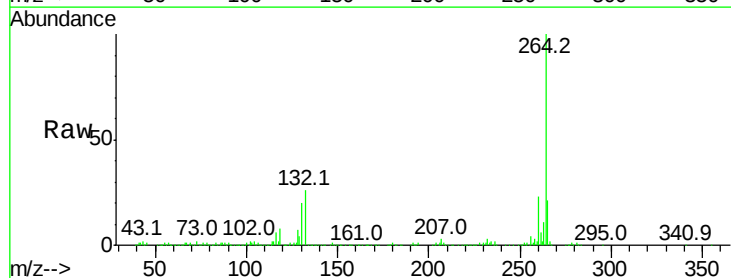


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

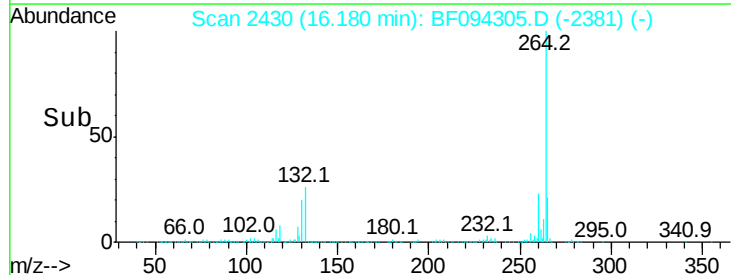
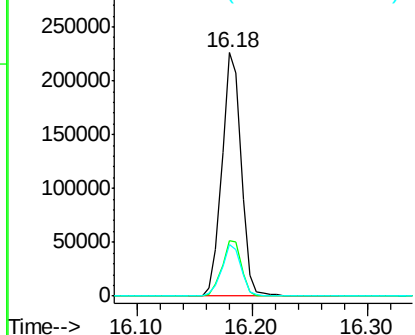


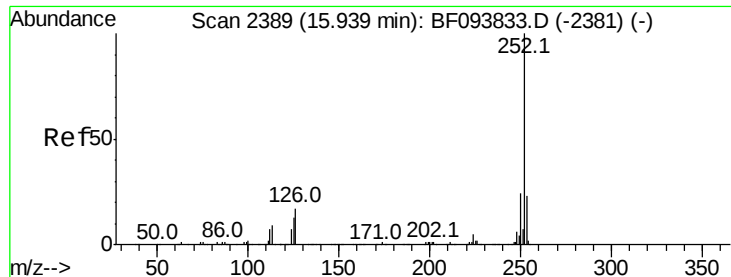
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.18 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BF094305.D
 Acq: 10 Apr 2017 12:33

Tgt Ion:264 Resp: 261783
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.5 29.3
 265 21.2 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.17 ng

RT: 15.78 min Scan# 2362

Delta R.T. -0.01 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

Instrument :

BNA_F

ClientSampleId :

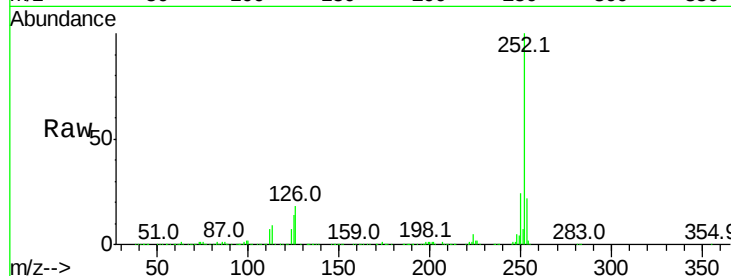
Tot Ion:252 Resp: 708736

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

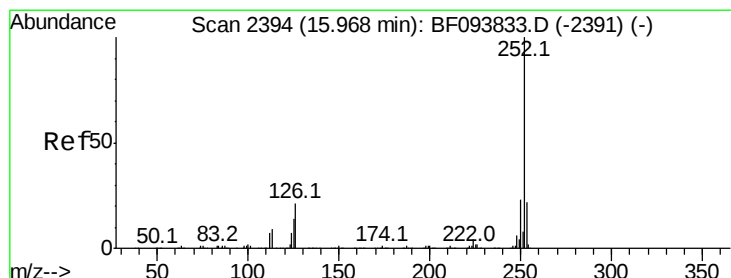
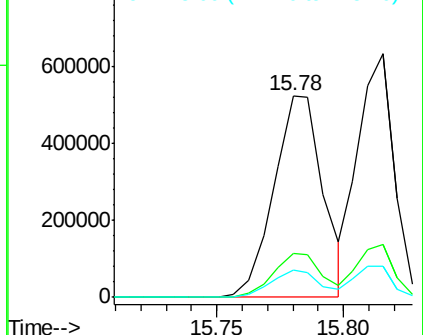
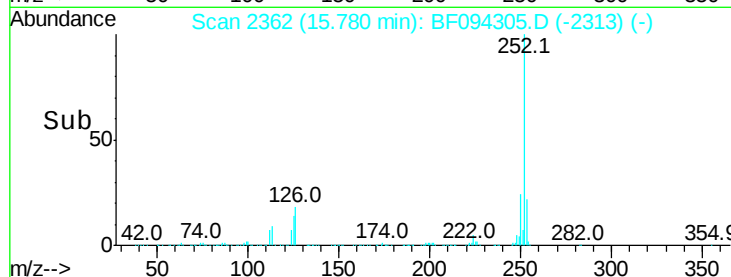
125 13.6 9.8 14.8



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



#88

Benzo(k)fluoranthene

Concen: 45.14 ng

RT: 15.78 min Scan# 2362

Delta R.T. -0.05 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

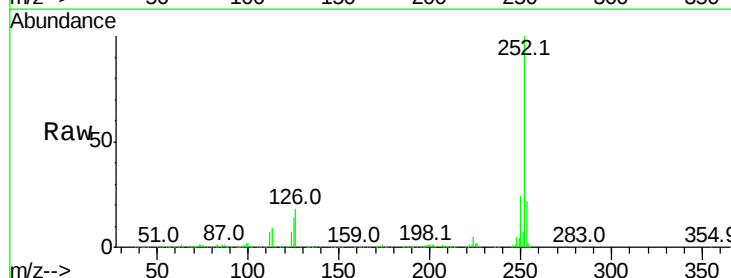
Tgt Ion:252 Resp: 708736

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

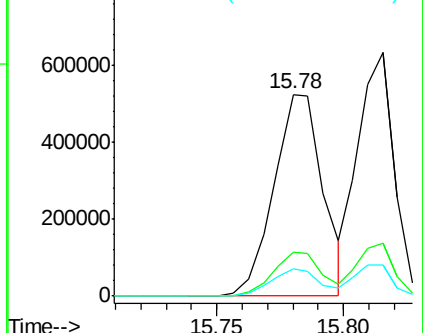
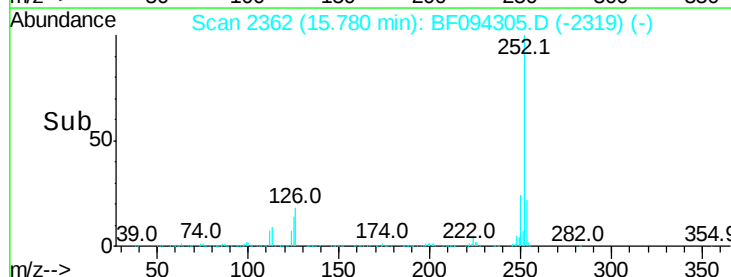
125 13.6 13.1 19.7

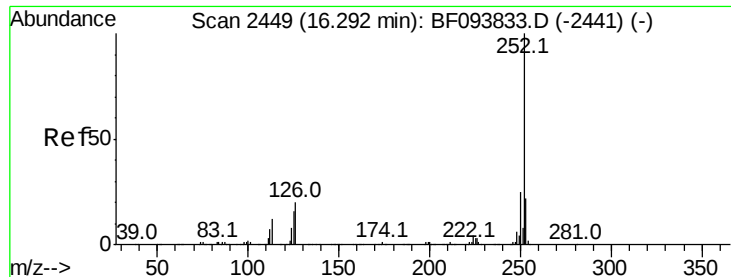


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.99 ng

RT: 16.13 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

Instrument :

BNA_F

ClientSampleId :

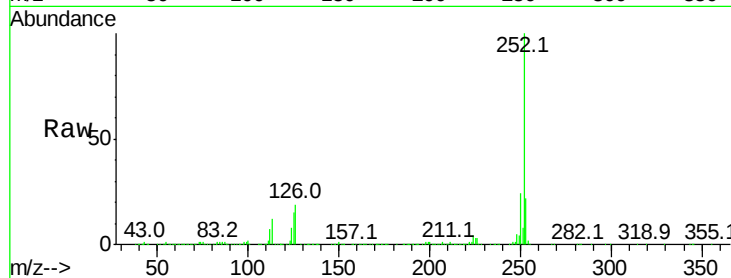
Tot Ion:252 Resp: 620440

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

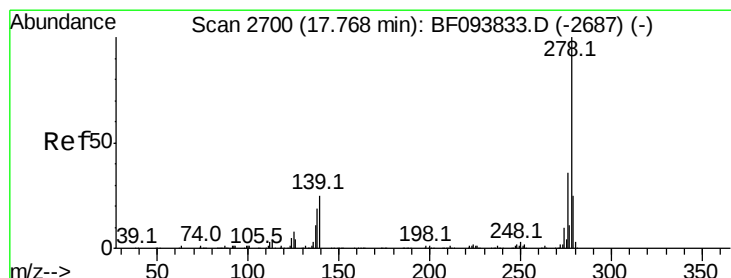
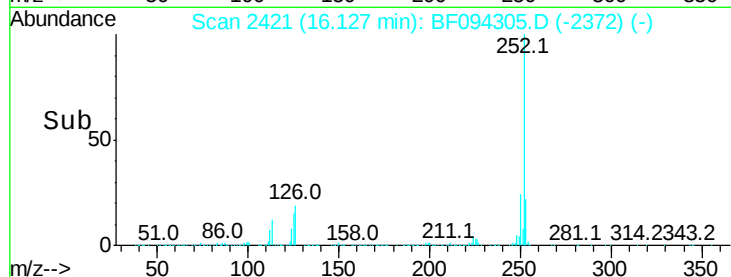
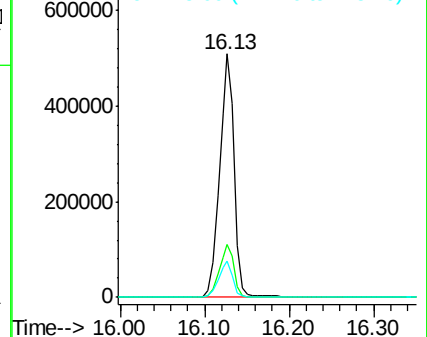
125 14.7 11.0 16.4



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: 43.97 ng

RT: 17.53 min Scan# 2659

Delta R.T. -0.01 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

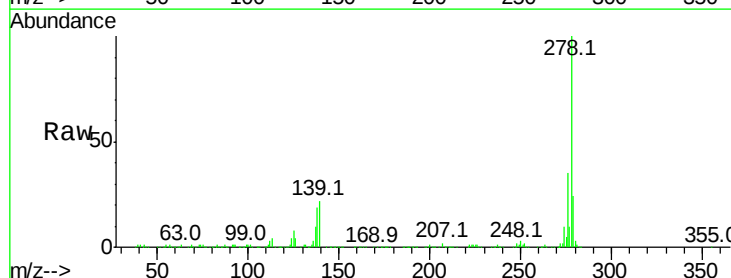
Tgt Ion:278 Resp: 550238

Ion Ratio Lower Upper

278 100

139 22.4 16.6 24.8

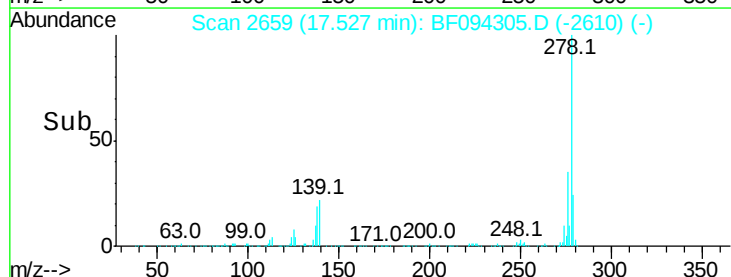
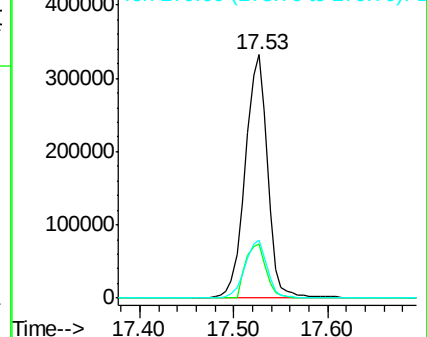
279 23.7 19.3 28.9

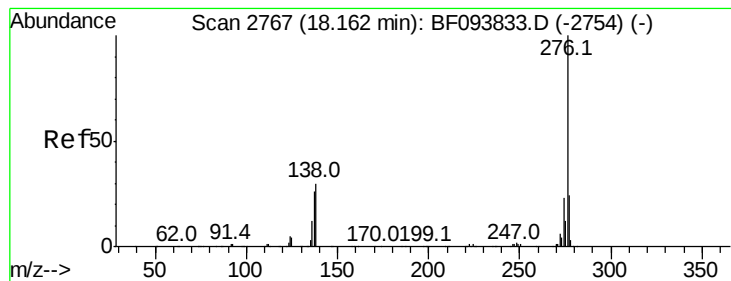


Abundance Ion 278.00 (277.70 to 278.70): E

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: 44.98 ng

RT: 17.90 min Scan# 2722

Delta R.T. -0.01 min

Lab File: BF094305.D

Acq: 10 Apr 2017 12:33

Instrument :

BNA_F

ClientSampleId :

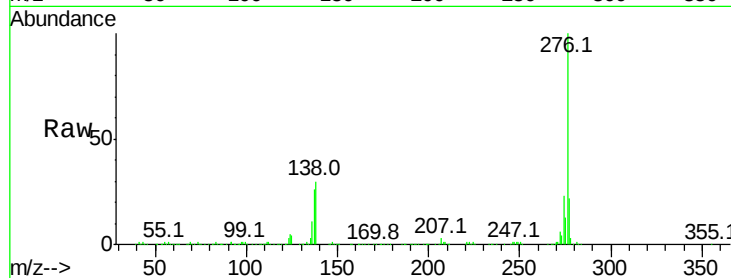
Tot Ion:276 Resp: 567338

Ion Ratio Lower Upper

276 100

277 22.2 18.6 28.0

138 29.6 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

