

Data Path : Z:\HPCHEM1\BNA F\Data\BF042117\
 Data File : BF094560.D
 Acq On : 21 Apr 2017 13:28
 Operator : SJ/MA
 Sample : PB98329BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 21 15:09:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	90147	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	367668	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	177110	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	331397	20.00	ng	-0.01
75) Chrysene-d12	14.46	240	269838	20.00	ng	0.00
86) Perylene-d12	16.08	264	199850	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.31	112	702533	129.29	ng	0.00
7) Phenol-d6	5.39	99	836985	130.66	ng	0.00
23) Nitrobenzene-d5	6.41	82	528129	88.70	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	192803	139.18	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1015019	84.32	ng	0.00
78) Terphenyl-d14	13.19	244	1017115	100.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	78659	24.89	ng	95
3) Pyridine	2.63	79	233985	33.88	ng	100
4) n-Nitrosodimethylamine	2.57	42	119357	41.77	ng	100
6) Aniline	5.39	93	285458	33.53	ng	# 84
8) 2-Chlorophenol	5.53	128	270302	43.72	ng	95
9) Benzaldehyde	5.25	77	38738	7.95	ng	97
10) Phenol	5.40	94	327500	41.62	ng	99
11) bis(2-Chloroethyl)ether	5.47	93	239173	41.60	ng	97
12) 1,3-Dichlorobenzene	5.69	146	283852	41.44	ng	98
13) 1,4-Dichlorobenzene	5.78	146	285913	41.49	ng	98
14) 1,2-Dichlorobenzene	5.95	146	269689	42.48	ng	98
15) Benzyl Alcohol	5.94	79	195449	41.13	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.09	45	309039	41.00	ng	63
17) 2-Methylphenol	6.08	107	210838	43.30	ng	# 91
18) Hexachloroethane	6.34	117	100061	42.35	ng	# 83
19) n-Nitroso-di-n-propylamine	6.25	70	180933	42.63	ng	97
20) 3+4-Methylphenols	6.27	107	297911	45.02	ng	# 63
22) Acetophenone	6.24	105	377763	42.26	ng	# 85
24) Nitrobenzene	6.43	77	267567	42.67	ng	95
25) Isophorone	6.72	82	471740	42.74	ng	95
26) 2-Nitrophenol	6.80	139	145294	43.13	ng	94
27) 2,4-Dimethylphenol	6.88	122	239211	43.72	ng	99
28) bis(2-Chloroethoxy)methane	6.98	93	301330	42.20	ng	100
29) 2,4-Dichlorophenol	7.11	162	229913	45.17	ng	99
30) 1,2,4-Trichlorobenzene	7.19	180	221989	42.18	ng	99
31) Naphthalene	7.28	128	751141	42.50	ng	100
32) Benzoic acid	7.08	122	149355	51.62	ng	92
33) 4-Chloroaniline	7.35	127	153083	20.82	ng	# 91
34) Hexachlorobutadiene	7.44	225	111543	42.51	ng	100
35) Caprolactam	7.82	113	48564	30.37	ng	87
36) 4-Chloro-3-methylphenol	7.98	107	245043	45.93	ng	89
37) 2-Methylnaphthalene	8.12	142	534798	44.23	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.33	216	203681	40.39	ng	99
40) Hexachlorocyclopentadiene	8.31	237	199420	97.74	ng	100

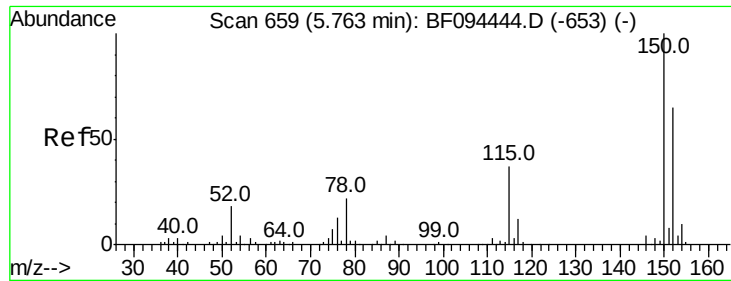
Data Path : Z:\HPCHEM1\BNA F\Data\BF042117\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	155685	43.96	nq	96
43) 2,4,5-Trichlorophenol	8.54	196	164302	45.17	nq	# 93
45) 1,1'-Biphenyl	8.70	154	611702	42.27	nq	99
46) 2-Chloronaphthalene	8.71	162	492111	42.77	nq	96
47) 2-Nitroaniline	8.85	65	145226	43.88	nq	88
48) Acenaphthylene	9.21	152	773054	43.10	nq	99
49) Dimethylphthalate	9.09	163	611866	46.36	nq	99
50) 2,6-Dinitrotoluene	9.15	165	137124	46.29	nq	# 83
51) Acenaphthene	9.43	154	467829	43.55	nq	99
52) 3-Nitroaniline	9.36	138	69115	20.16	nq	90
53) 2,4-Dinitrophenol	9.50	184	139327	86.19	nq	# 73
54) Dibenzofuran	9.64	168	693118	44.39	nq	95
55) 4-Nitrophenol	9.64	139	486995	201.11	nq	# 37
56) 2,4-Dinitrotoluene	9.65	165	181827	50.02	nq	# 86
57) Fluorene	10.07	166	548578	45.12	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.81	232	127404	48.87	nq	99
59) Diethylphthalate	9.95	149	608015	48.82	nq	99
60) 4-Chlorophenyl-phenylether	10.07	204	232452	45.94	nq	93
61) 4-Nitroaniline	10.12	138	141427	40.59	nq	95
62) Azobenzene	10.27	77	568198	46.99	nq	97
64) 4,6-Dinitro-2-methylphenol	10.16	198	99297	45.73	nq	# 69
65) n-Nitrosodiphenylamine	10.22	169	514328	44.63	nq	98
66) 4-Bromophenyl-phenylether	10.67	248	144931	44.04	nq	96
67) Hexachlorobenzene	10.74	284	142888	43.09	nq	# 88
68) Atrazine	10.90	200	152325	44.18	nq	95
69) Pentachlorophenol	11.00	266	156088	118.54	nq	98
70) Phenanthrene	11.24	178	845136	45.29	nq	98
71) Anthracene	11.31	178	879800	45.58	nq	98
72) Carbazole	11.51	167	839514	46.34	nq	98
73) Di-n-butylphthalate	11.97	149	1007297	50.49	nq	98
74) Fluoranthene	12.70	202	902432	46.66	nq	98
76) Benzidine	12.88	184	247658	22.67	nq	# 94
77) Pyrene	12.98	202	914347	48.50	nq	100
79) Butylbenzylphthalate	13.80	149	442916	53.61	nq	88
80) Benzo(a)anthracene	14.45	228	729401	46.51	nq	99
81) 3,3'-Dichlorobenzidine	14.42	252	163259	29.41	nq	# 96
82) Chrysene	14.49	228	659680	46.02	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	631410	56.92	nq	# 100
84) Di-n-octyl phthalate	15.27	149	981657	52.76	nq	98
85) Indeno(1,2,3-cd)pyrene	17.36	276	578731	42.43	nq	98
87) Benzo(b)fluoranthene	15.68	252	615424	50.34	nq	98
88) Benzo(k)fluoranthene	15.71	252	521009	45.03	nq	96
89) Benzo(a)pyrene	16.02	252	534256	46.97	nq	98
90) Dibenzo(a,h)anthracene	17.38	278	479751	50.80	nq	97
91) Benzo(g,h,i)perylene	17.73	276	490297	50.99	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.75 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :

BNA_F

ClientSampleId :

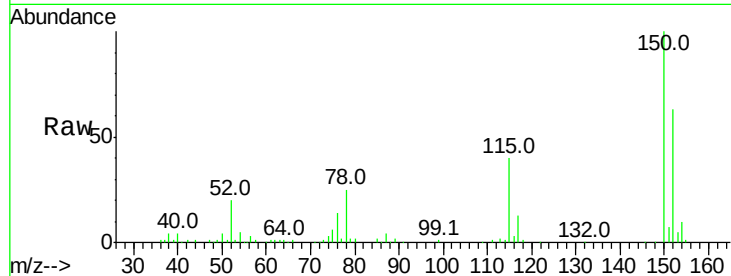
Tot Ion:152 Resp: 90147

Ion Ratio Lower Upper

152 100

150 158.9 126.2 189.2

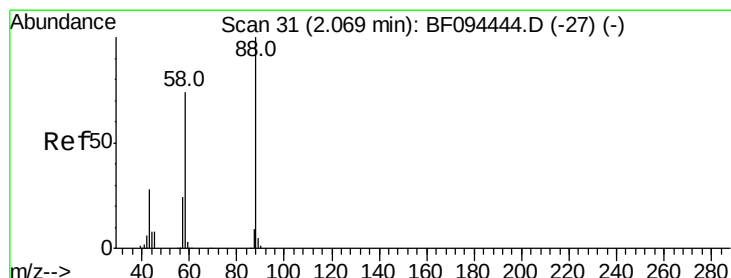
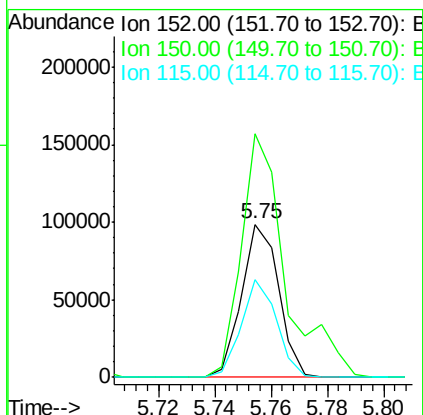
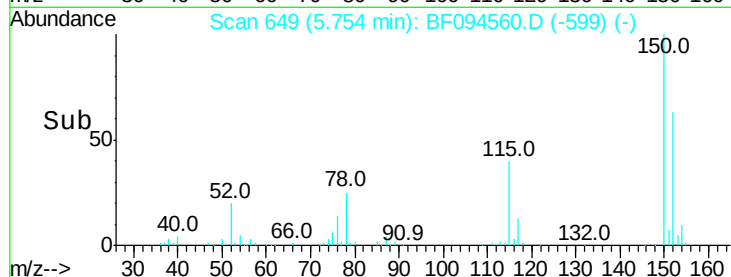
115 64.0 52.2 78.2



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: 24.89 ng

RT: 2.10 min Scan# 27

Delta R.T. 0.03 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

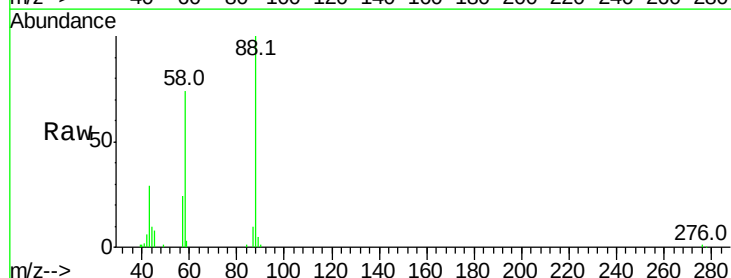
Tgt Ion: 88 Resp: 78659

Ion Ratio Lower Upper

88 100

58 73.6 61.4 92.0

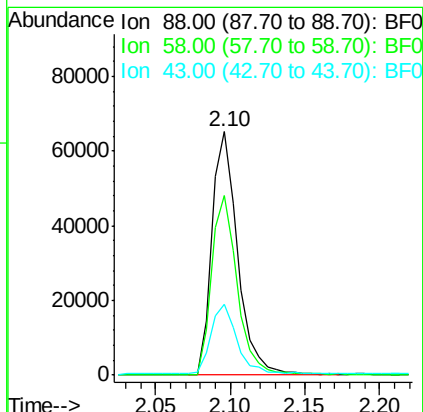
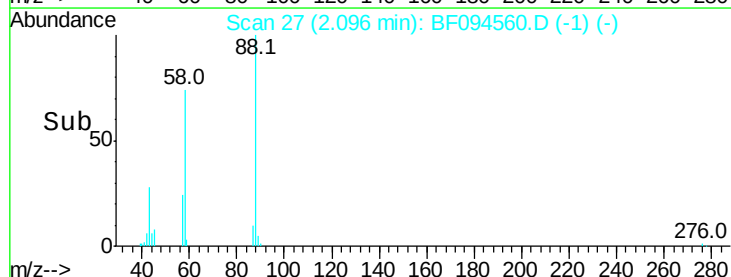
43 33.2 23.4 35.0

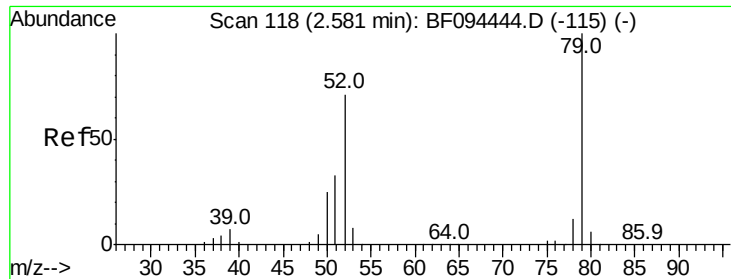


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 33.88 ng

RT: 2.63 min Scan# 118

Delta R.T. 0.05 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :

BNA_F

ClientSampleId :

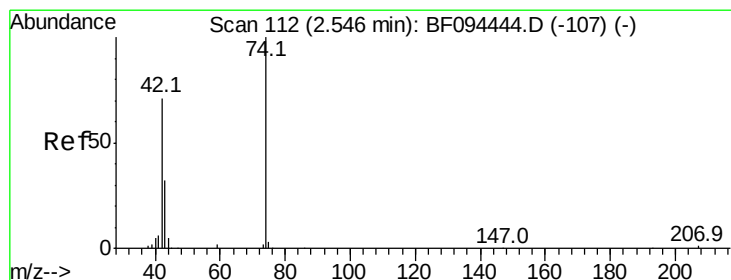
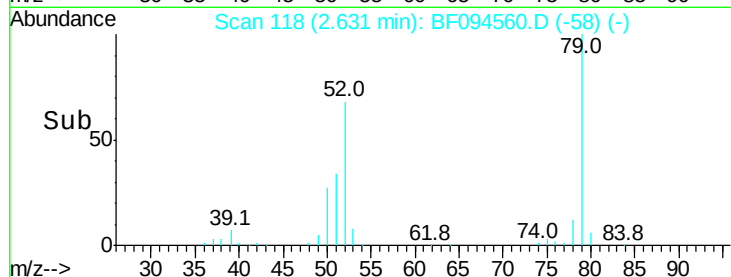
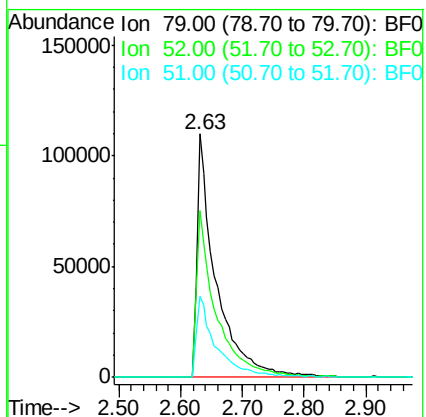
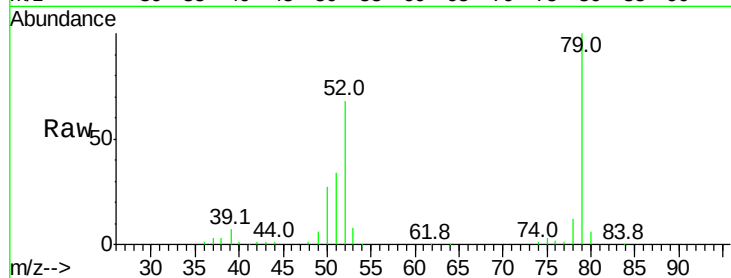
Tot Ion: 79 Resp: 233985

Ion Ratio Lower Upper

79 100

52 68.4 54.8 82.2

51 33.5 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 41.77 ng

RT: 2.57 min Scan# 107

Delta R.T. 0.02 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

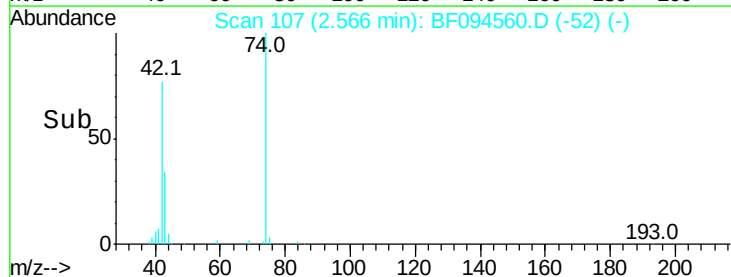
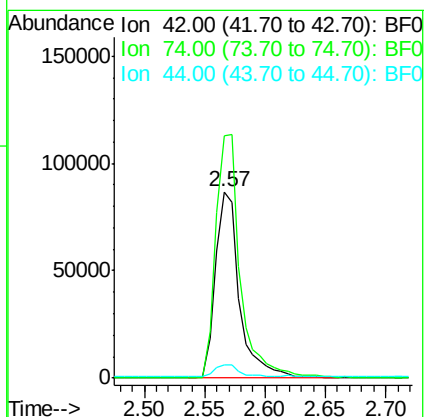
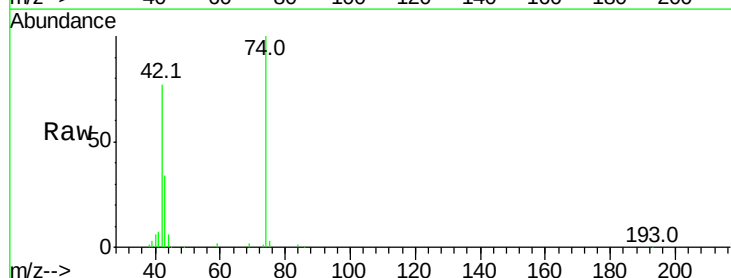
Tgt Ion: 42 Resp: 119357

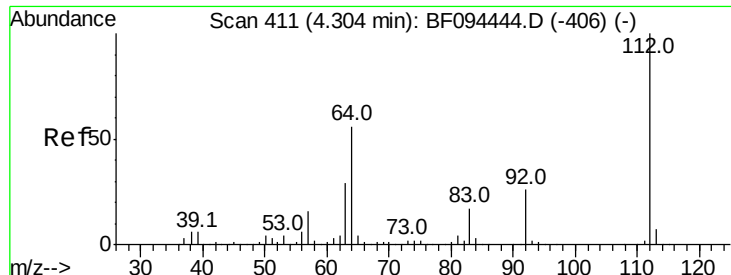
Ion Ratio Lower Upper

42 100

74 129.9 103.9 155.9

44 7.4 5.7 8.5





#5

2-Fluorophenol

Concen: 129.29 ng

RT: 4.31 min Scan# 404

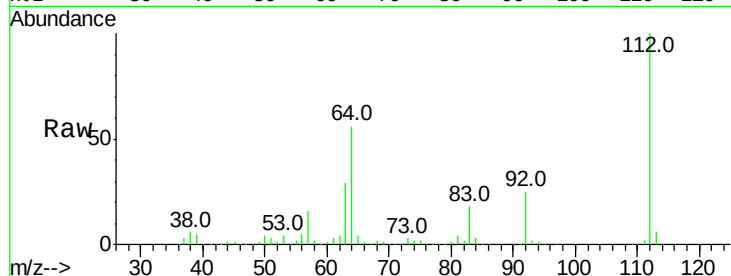
Delta R.T. 0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampled :

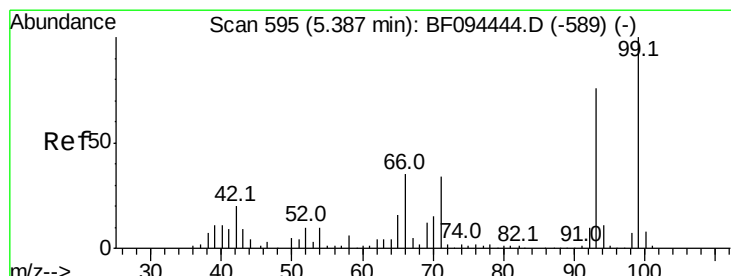
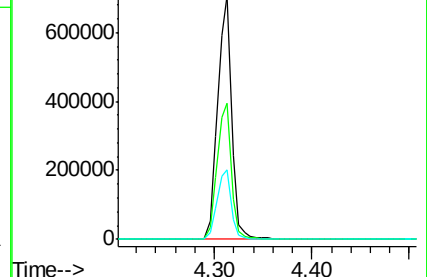
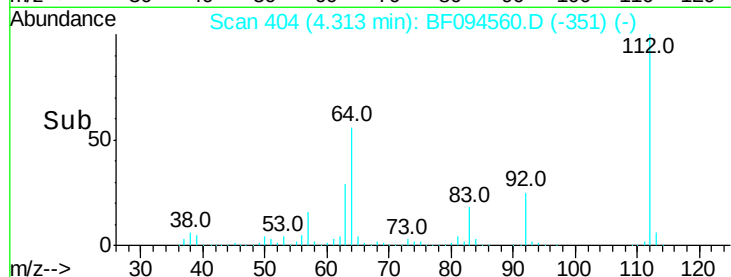
Tot Ion:	112	Resp:	702533
Ion	Ratio	Lower	Upper
112	100		
64	55.8	46.0	69.0
63	28.7	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 33.53 ng

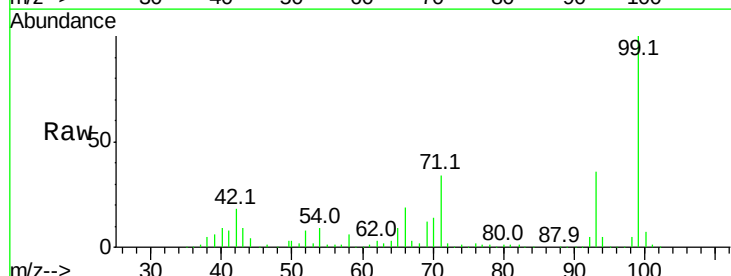
RT: 5.39 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

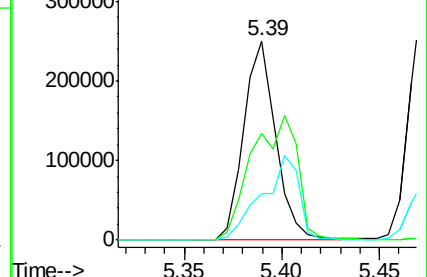
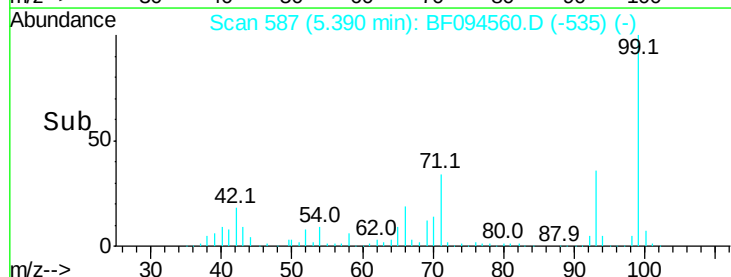
Tgt Ion:	93	Resp:	285458
Ion	Ratio	Lower	Upper
93	100		
66	53.8	32.9	49.3#
65	23.7	16.0	24.0

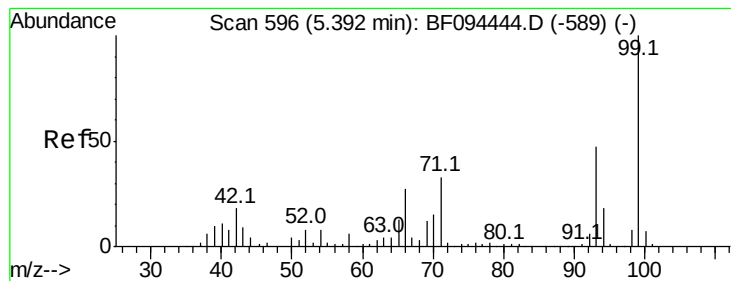


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 130.66 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :

BNA_F

ClientSampleId :

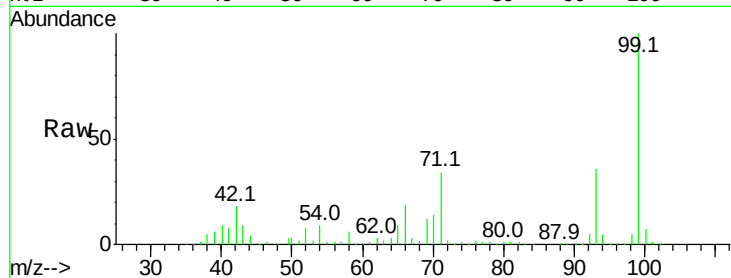
Tot Ion: 99 Resp: 836985

Ion Ratio Lower Upper

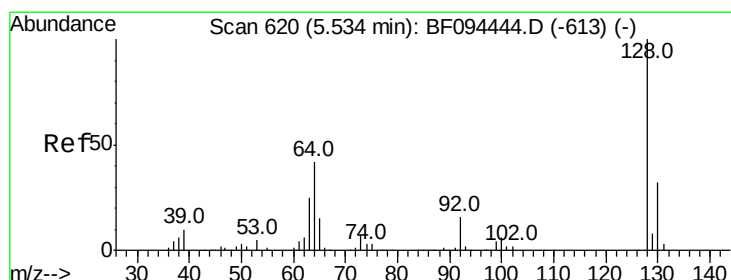
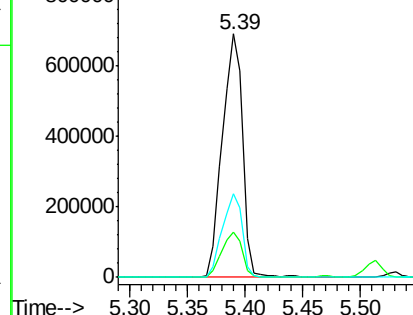
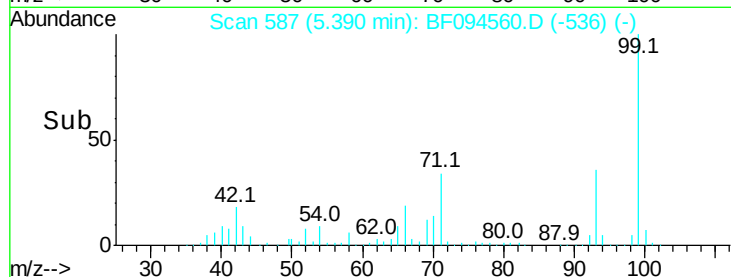
99 100

42 18.4 13.5 20.3

71 34.4 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: 43.72 ng

RT: 5.53 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

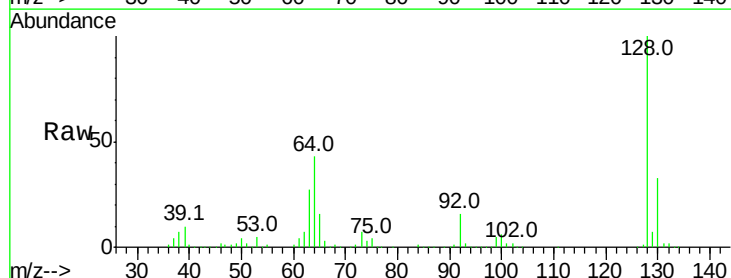
Tgt Ion:128 Resp: 270302

Ion Ratio Lower Upper

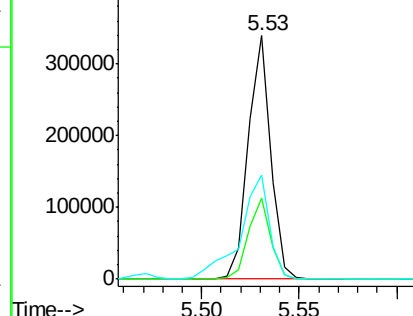
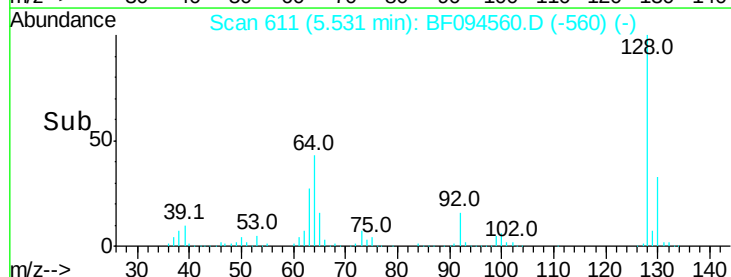
128 100

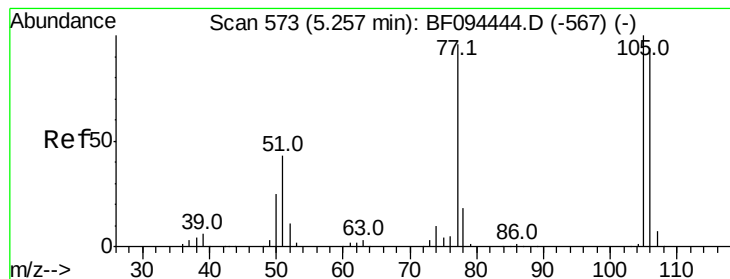
130 33.3 12.9 52.9

64 42.9 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: 7.95 ng

RT: 5.25 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :

BNA_F

ClientSampled :

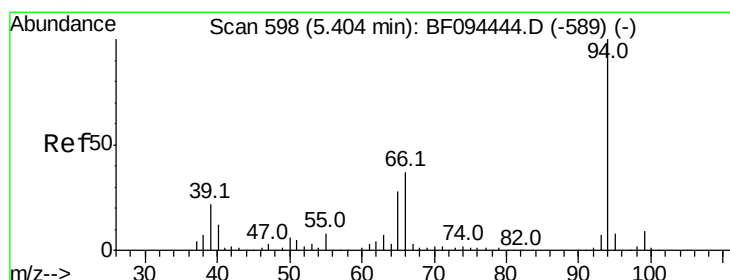
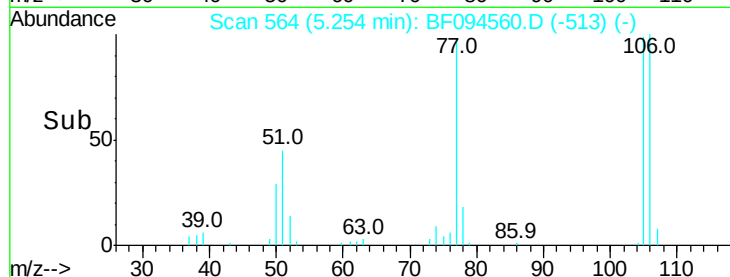
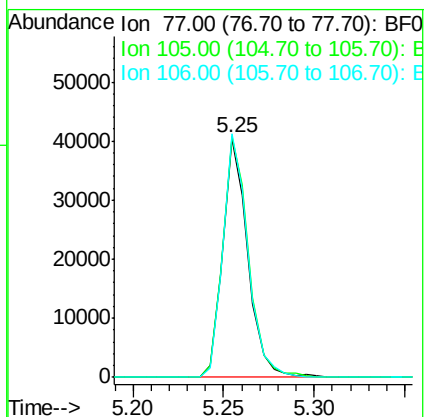
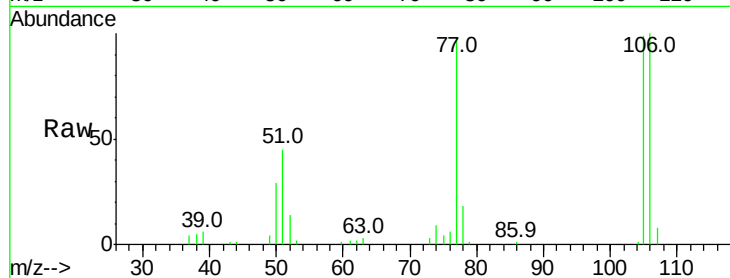
Tot Ion: 77 Resp: 38738

Ion Ratio Lower Upper

77 100

105 101.2 83.8 123.8

106 102.1 79.1 119.1



#10

Phenol

Concen: 41.62 ng

RT: 5.40 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

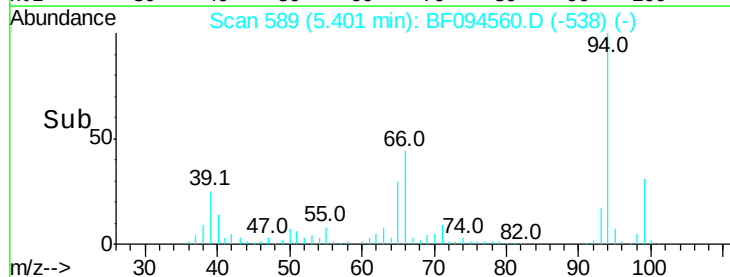
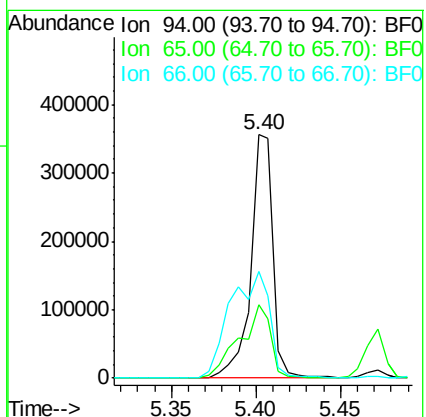
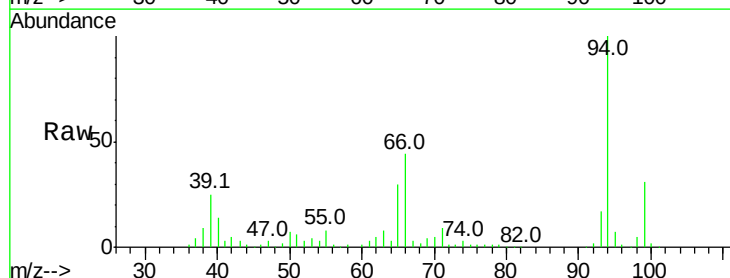
Tgt Ion: 94 Resp: 327500

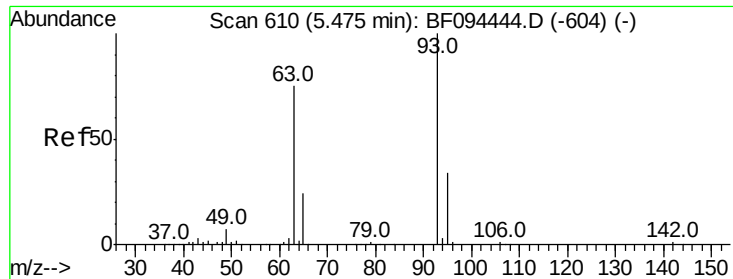
Ion Ratio Lower Upper

94 100

65 30.1 9.9 49.9

66 44.0 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 41.60 ng

RT: 5.47 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :

BNA_F

ClientSampleId :

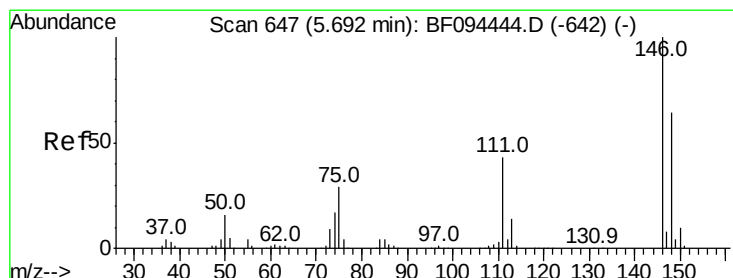
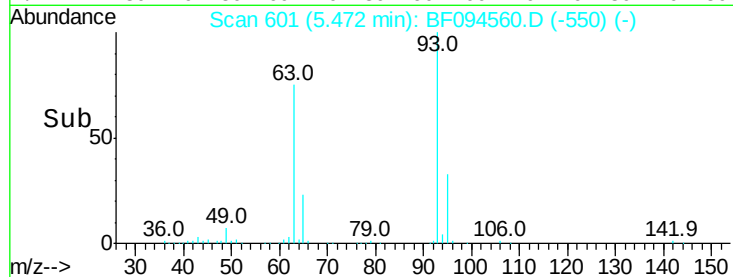
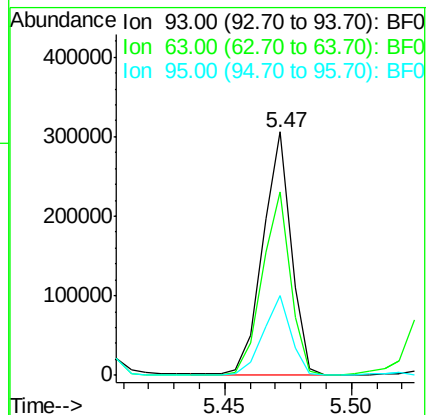
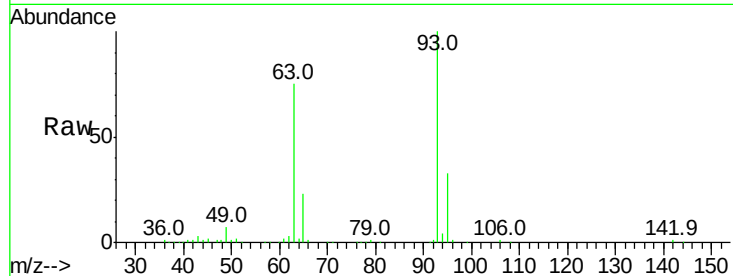
Tot Ion: 93 Resp: 239173

Ion Ratio Lower Upper

93 100

63 75.3 59.2 99.2

95 32.7 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 41.44 ng

RT: 5.69 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

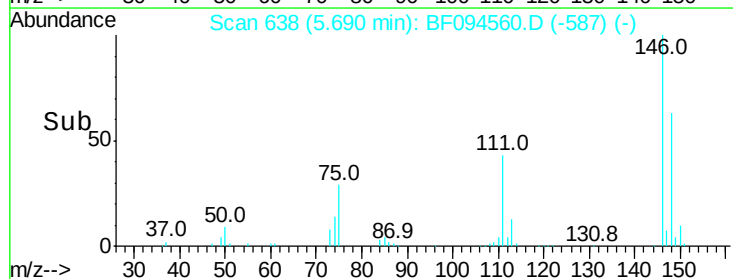
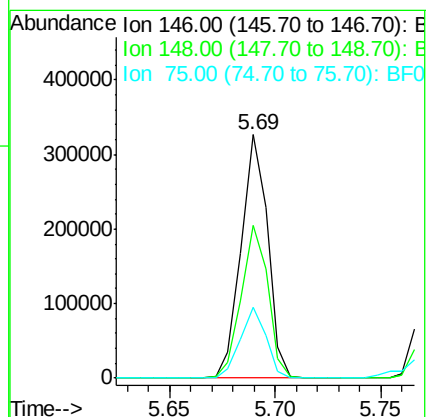
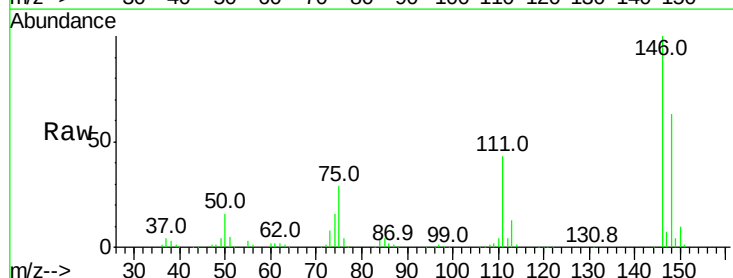
Tgt Ion: 146 Resp: 283852

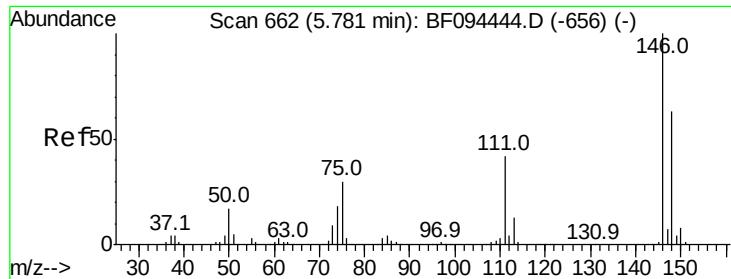
Ion Ratio Lower Upper

146 100

148 62.6 51.8 77.6

75 29.2 23.1 34.7

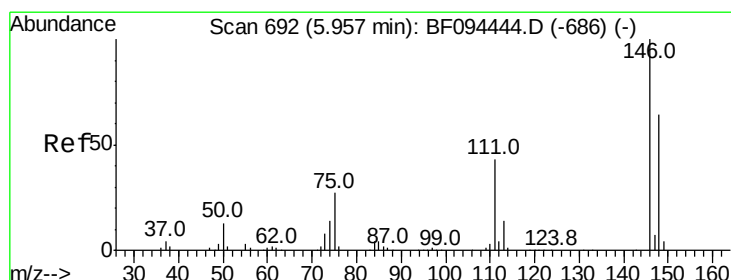
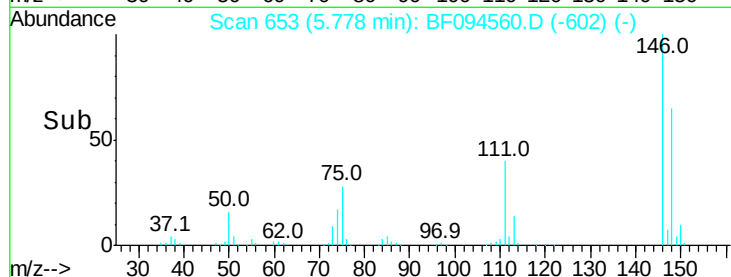
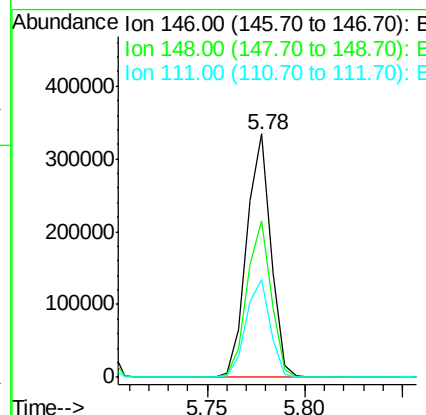
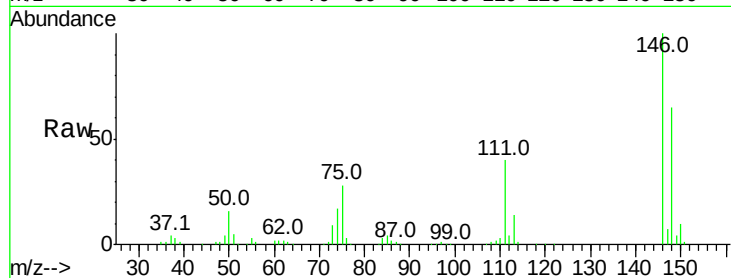




#13
 1,4-Dichlorobenzene
 Concen: 41.49 ng
 RT: 5.78 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

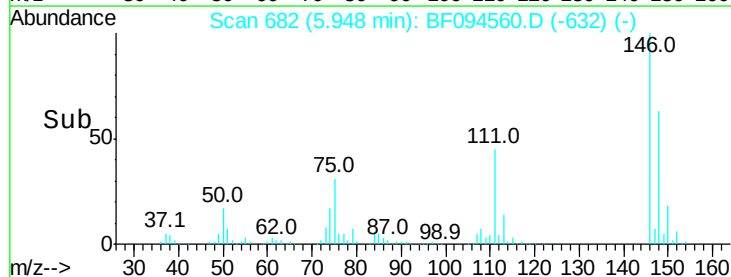
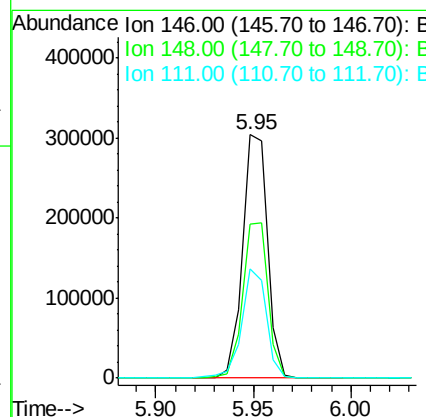
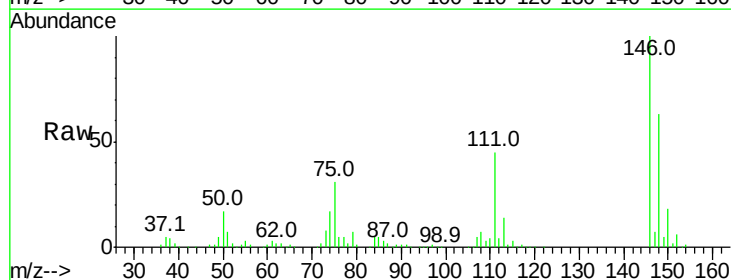
Instrument :
 BNA_F
 ClientSampleId :

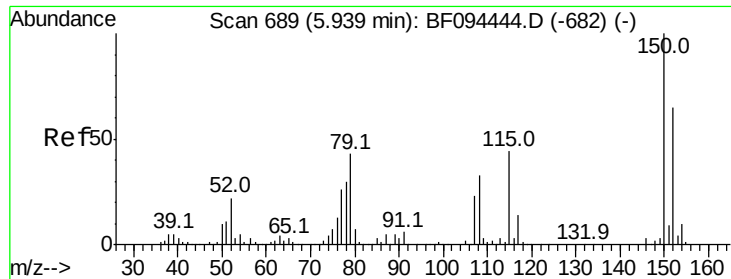
Tot Ion:146 Resp: 285913
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.2 78.2
 111 39.9 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 42.48 ng
 RT: 5.95 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion:146 Resp: 269689
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.4 75.6
 111 44.9 38.2 57.4





#15

Benzyl Alcohol

Concen: 41.13 ng

RT: 5.94 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :

BNA_F

ClientSampled :

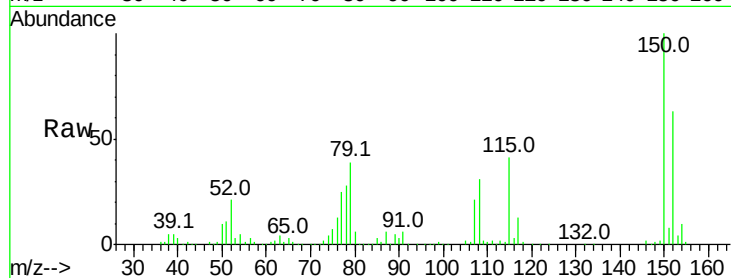
Tot Ion: 79 Resp: 195449

Ion Ratio Lower Upper

79 100

108 80.0 63.4 95.0

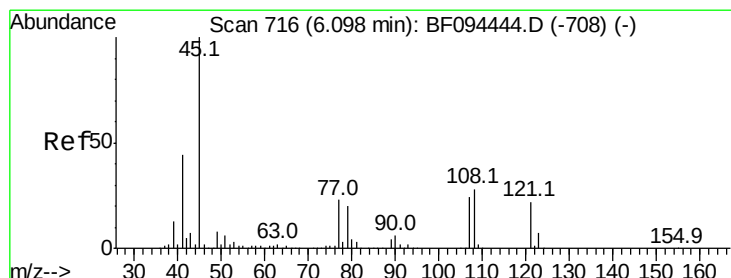
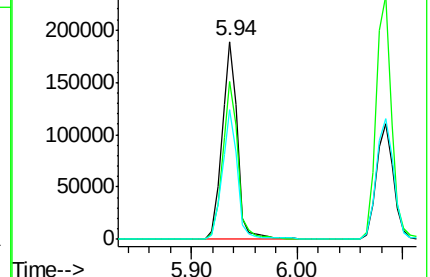
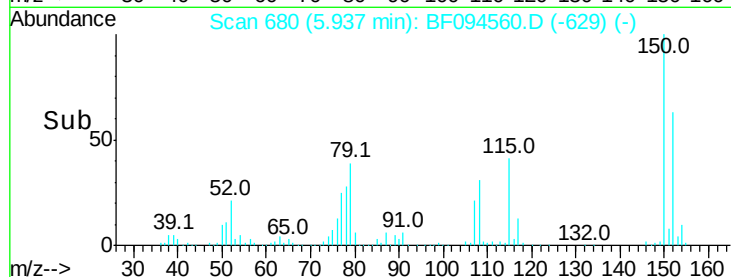
77 65.6 49.2 73.8



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: 41.00 ng

RT: 6.09 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

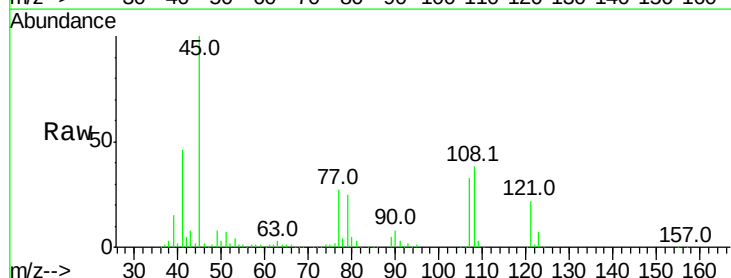
Tgt Ion: 45 Resp: 309039

Ion Ratio Lower Upper

45 100

77 27.3 0.0 33.2

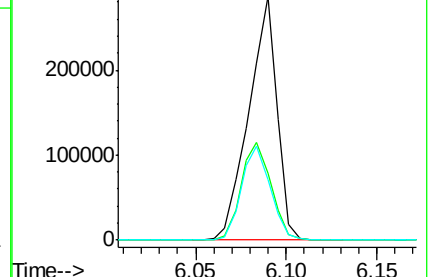
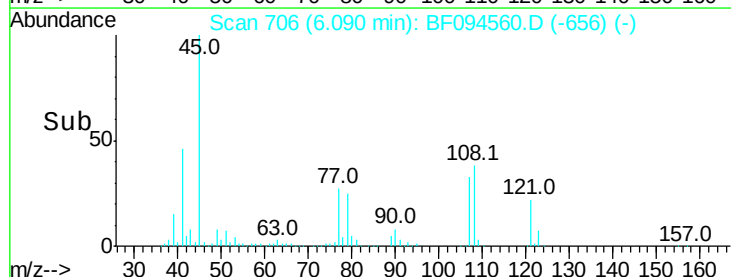
79 24.8 0.0 30.0

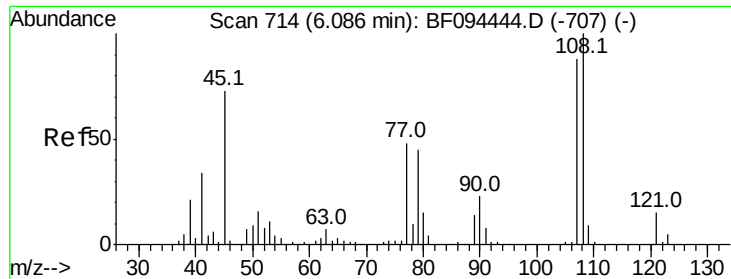


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

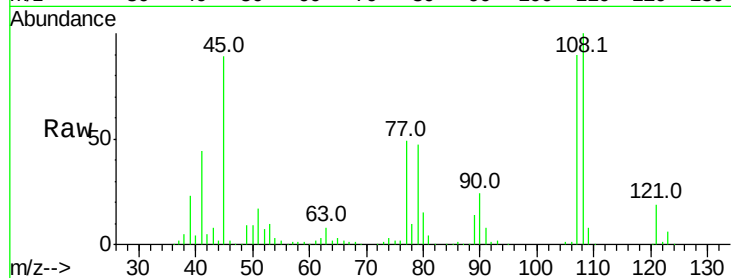




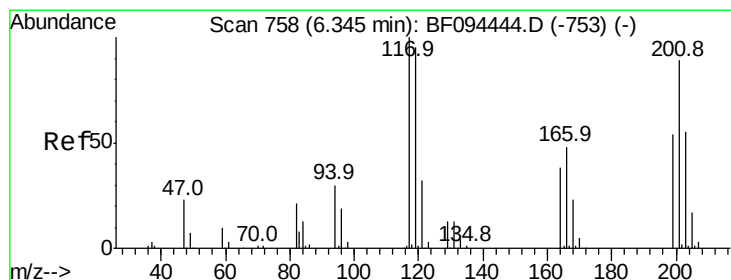
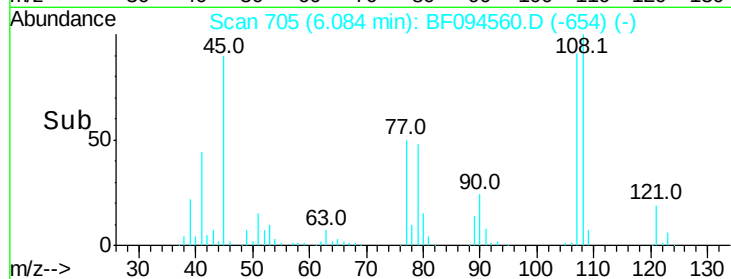
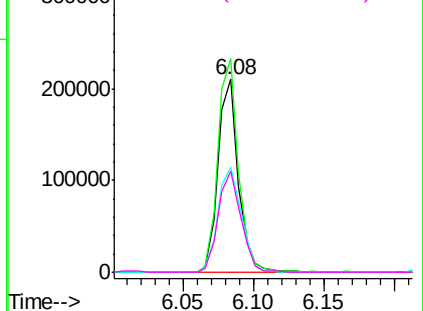
#17
2-Methylphenol
Concen: 43.30 ng
RT: 6.08 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 210838
Ion Ratio Lower Upper
107 100
108 110.6 93.4 140.0
77 54.6 35.8 53.6#
79 52.5 34.8 52.2#

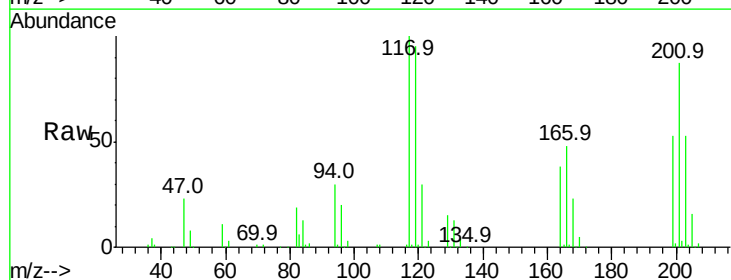


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

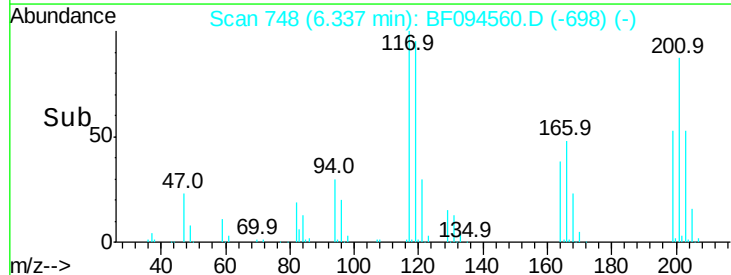
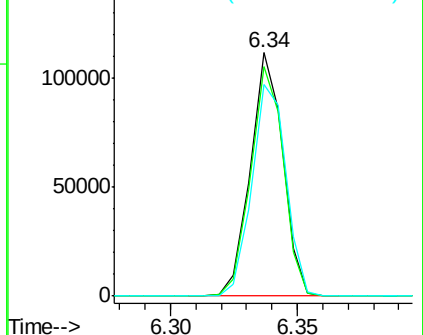


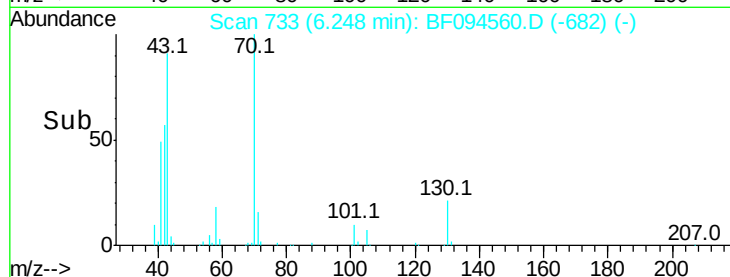
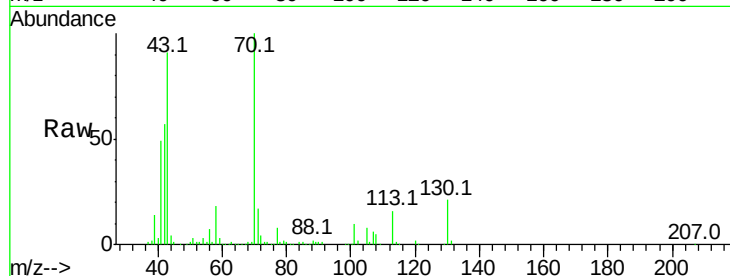
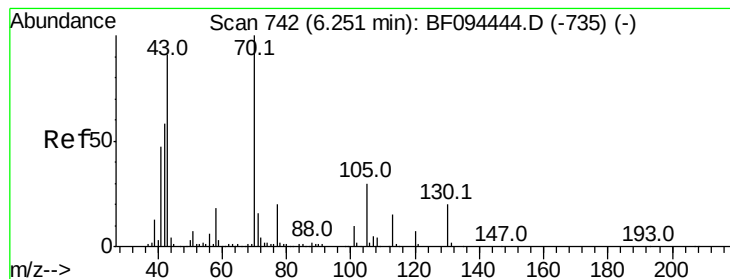
#18
Hexachloroethane
Concen: 42.35 ng
RT: 6.34 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion:117 Resp: 100061
Ion Ratio Lower Upper
117 100
119 94.5 77.4 116.0
201 87.0 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: 42.63 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 180933

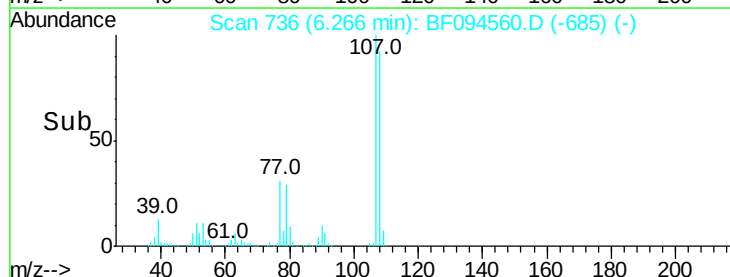
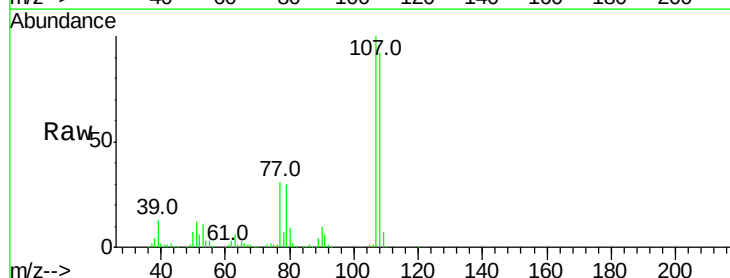
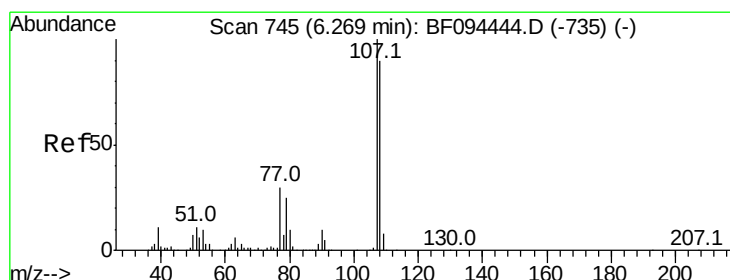
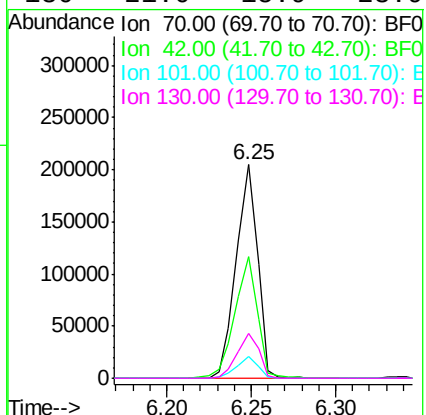
Ion Ratio Lower Upper

70 100

42 57.0 47.2 70.8

101 10.2 7.2 10.8

130 21.0 15.9 23.9



#20

3+4-Methylphenols

Concen: 45.02 ng

RT: 6.27 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Tgt Ion:107 Resp: 297911

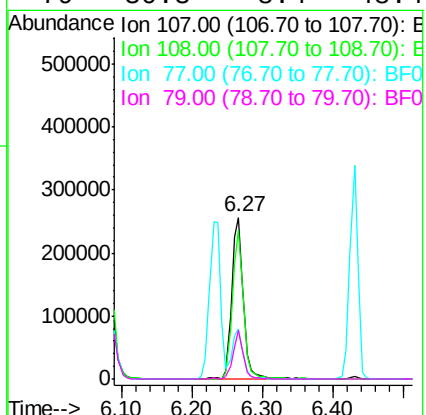
Ion Ratio Lower Upper

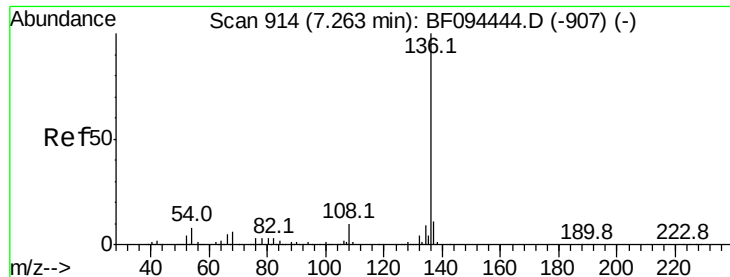
107 100

108 91.8 71.0 111.0

77 31.3 90.5 130.5#

79 30.3 8.4 48.4

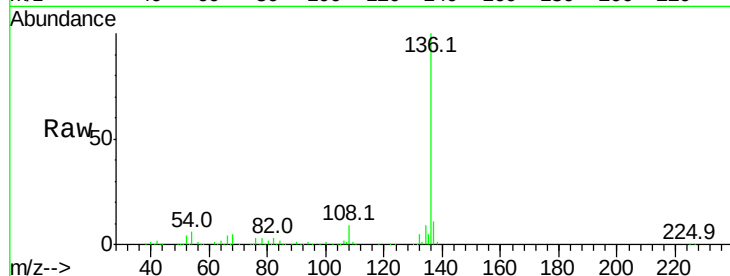




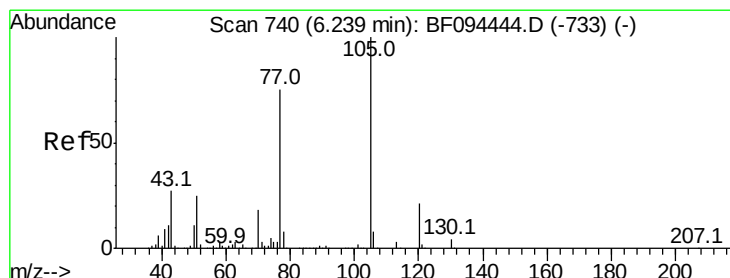
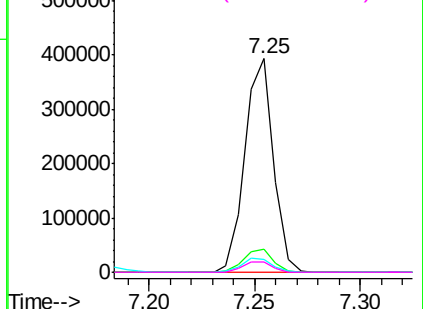
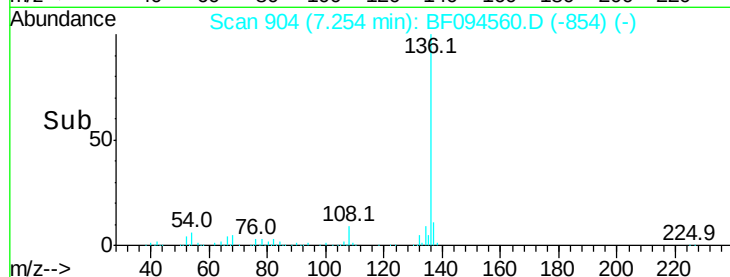
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	367668
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	6.2	4.9 7.3
68	4.7	4.1 6.1

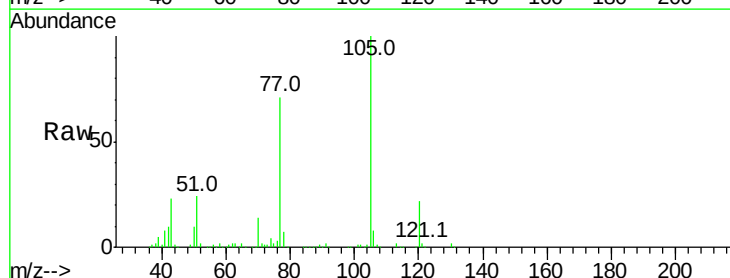


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

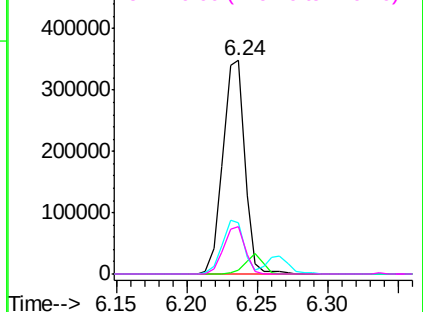
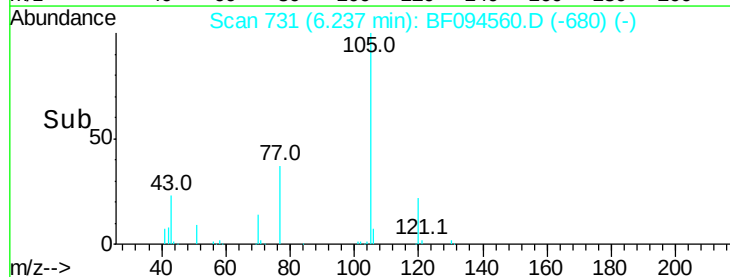


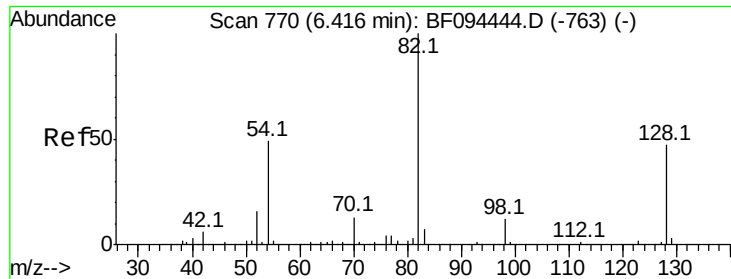
#22
Acetophenone
Concen: 42.26 ng
RT: 6.24 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion:105	Resp:	377763
Ion Ratio	Lower	Upper
105	100	
71	2.1	2.8 4.2#
51	23.8	30.7 46.1#
120	21.9	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

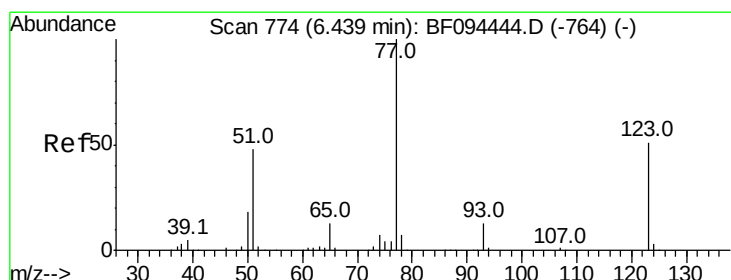
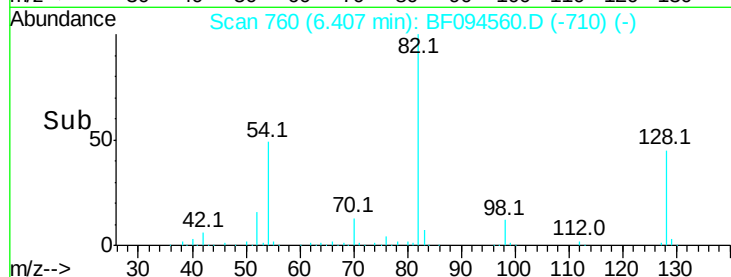
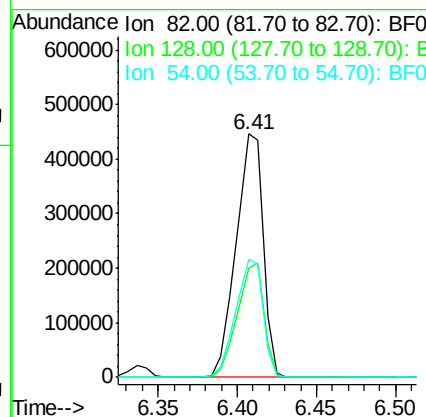
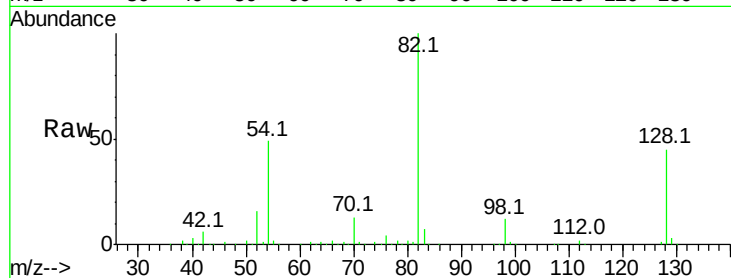




#23
 Nitrobenzene-d5
 Concen: 88.70 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

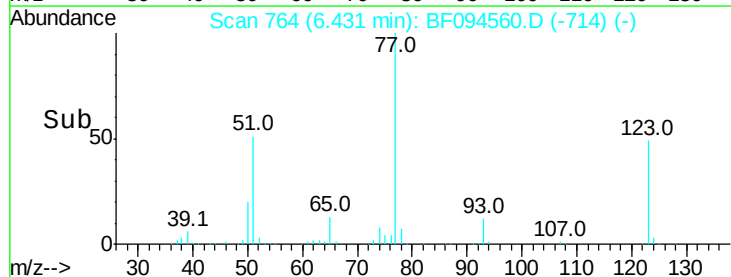
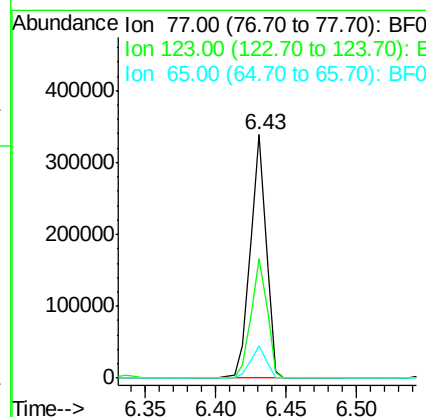
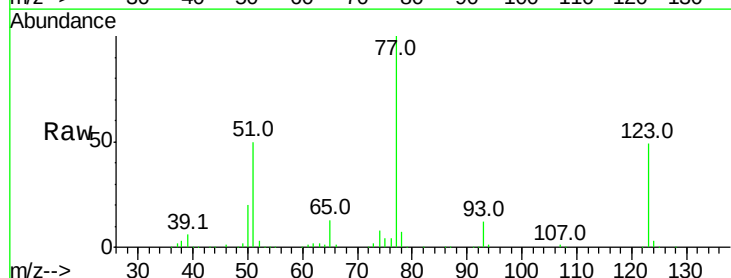
Instrument :
 BNA_F
 ClientSampleId :

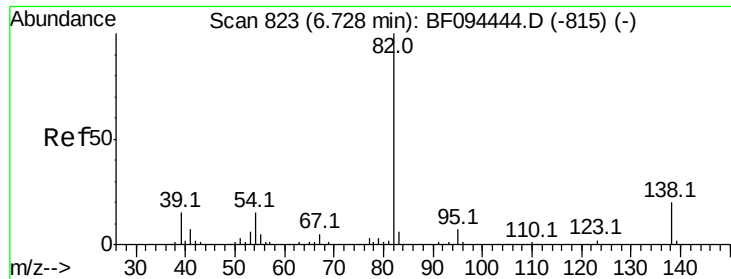
Tot Ion	82	Resp	528129
Ion Ratio	100	Lower	Upper
128	45.1	34.0	51.0
54	48.5	42.2	63.2



#24
 Nitrobenzene
 Concen: 42.67 ng
 RT: 6.43 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion	77	Resp	267567
Ion Ratio	100	Lower	Upper
123	49.1	35.8	53.8
65	13.1	10.6	15.8





#25

Isophorone

Concen: 42.74 ng

RT: 6.72 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampleId :

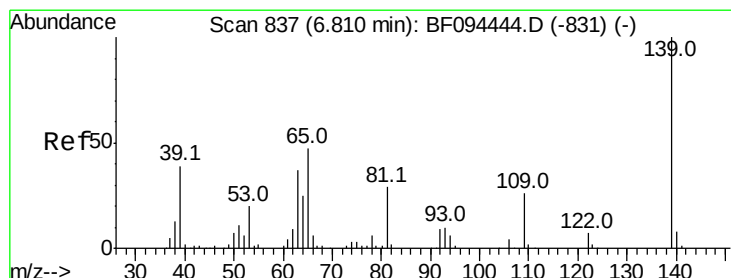
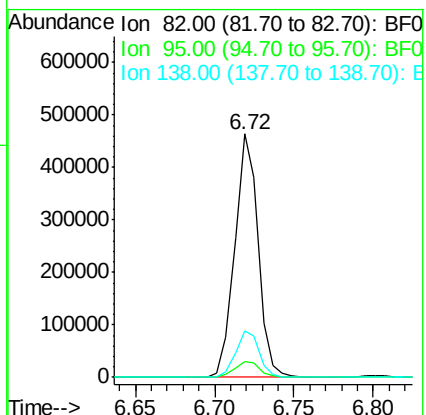
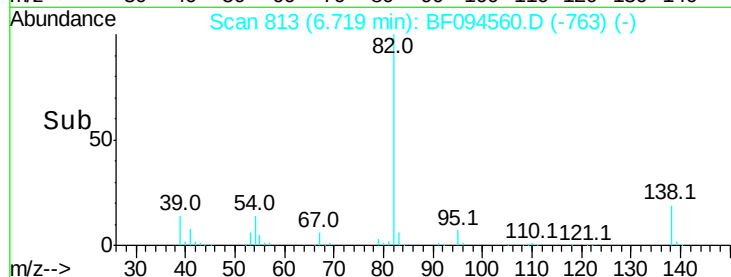
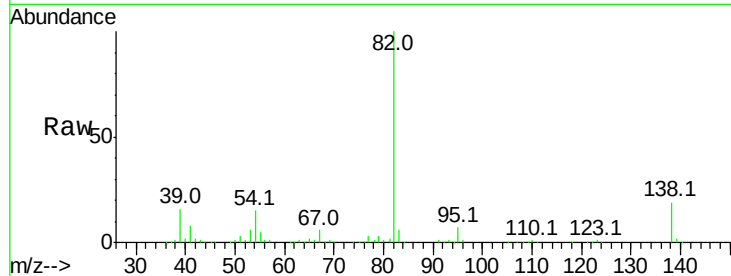
Tot Ion: 82 Resp: 471740

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.1 13.1 19.7



#26

2-Nitrophenol

Concen: 43.13 ng

RT: 6.80 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

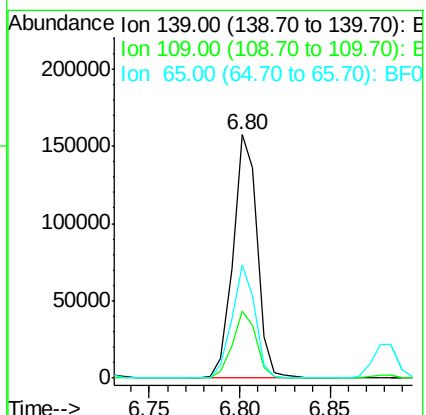
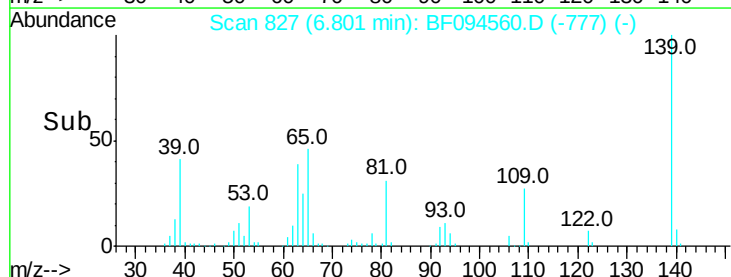
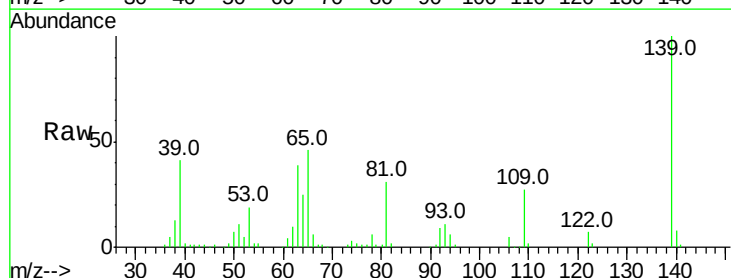
Tgt Ion:139 Resp: 145294

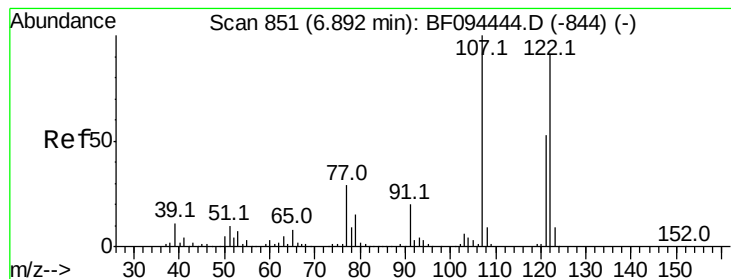
Ion Ratio Lower Upper

139 100

109 27.4 21.0 31.6

65 46.4 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 43.72 ng

RT: 6.88 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :

BNA_F

ClientSampleId :

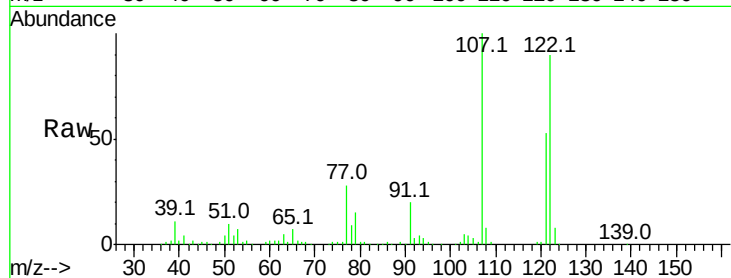
Tot Ion:122 Resp: 239211

Ion Ratio Lower Upper

122 100

107 111.3 89.2 133.8

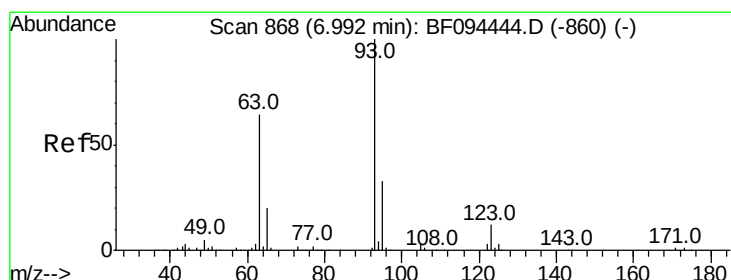
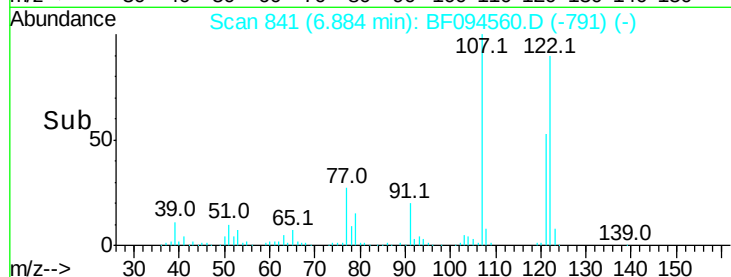
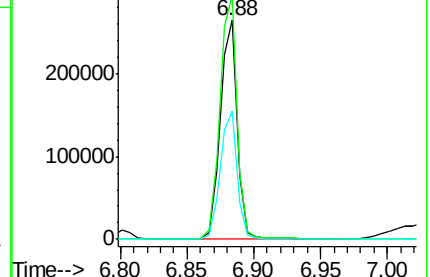
121 58.6 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.20 ng

RT: 6.98 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

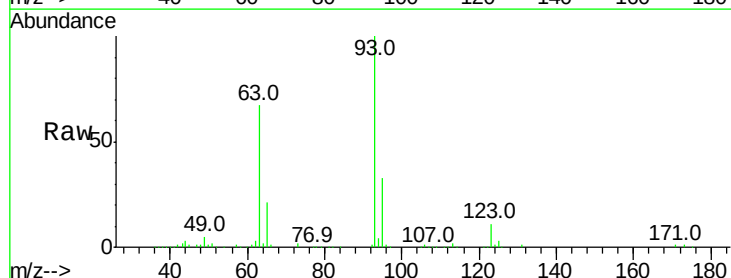
Tgt Ion: 93 Resp: 301330

Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

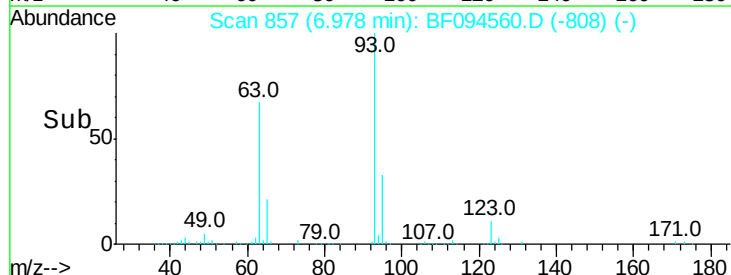
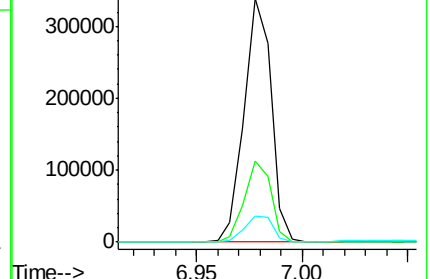
123 10.8 9.0 13.4

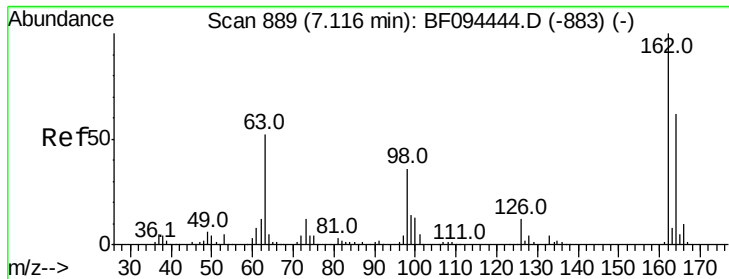


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

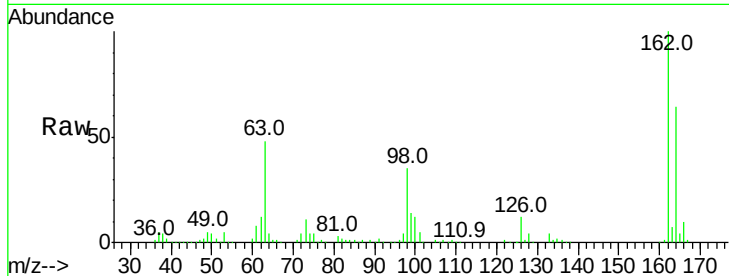




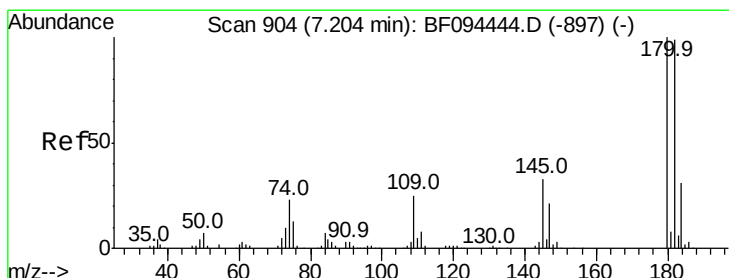
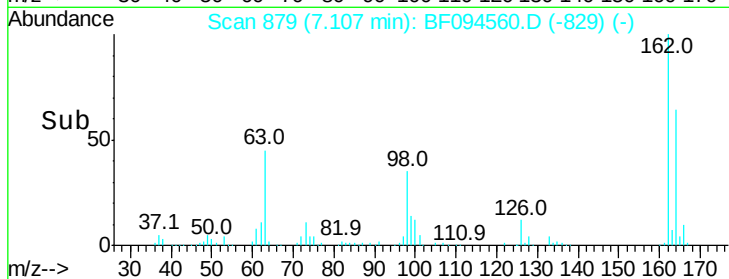
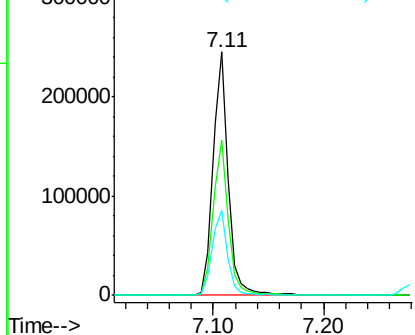
#29
 2,4-Dichlorophenol
 Concen: 45.17 ng
 RT: 7.11 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.6	84.6
98	34.8	14.8	54.8

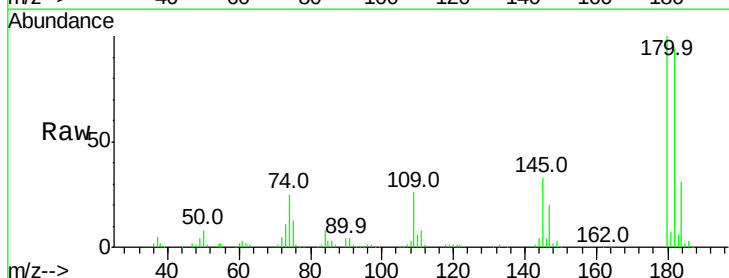


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

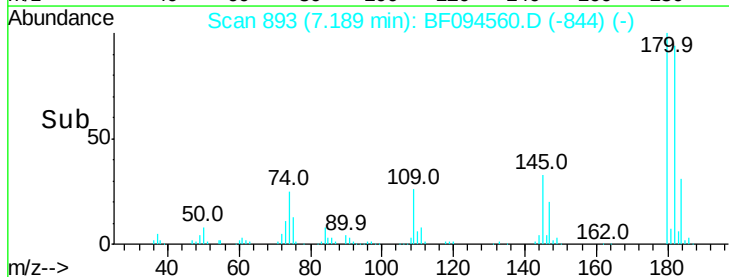
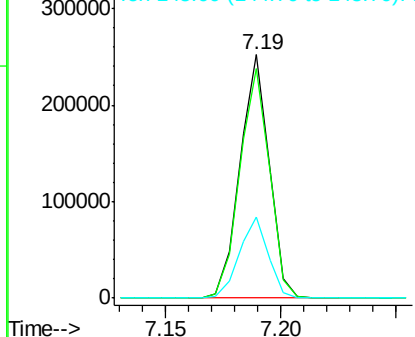


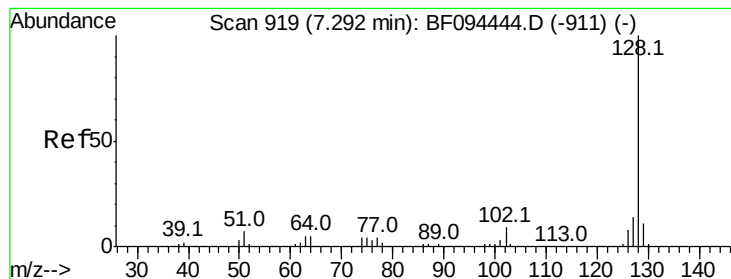
#30
 1,2,4-Trichlorobenzene
 Concen: 42.18 ng
 RT: 7.19 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.8	113.6
145	33.4	25.3	37.9



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





#31

Naphthalene

Concen: 42.50 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :

BNA_F

ClientSampleId :

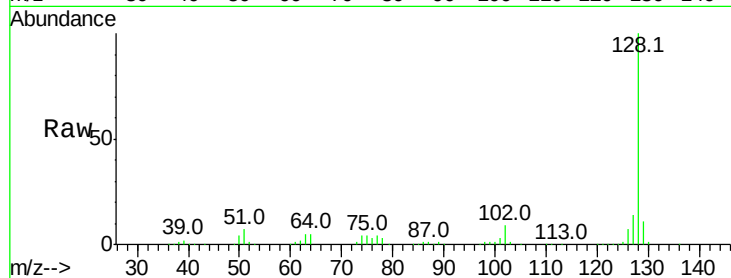
Tot Ion:128 Resp: 751141

Ion Ratio Lower Upper

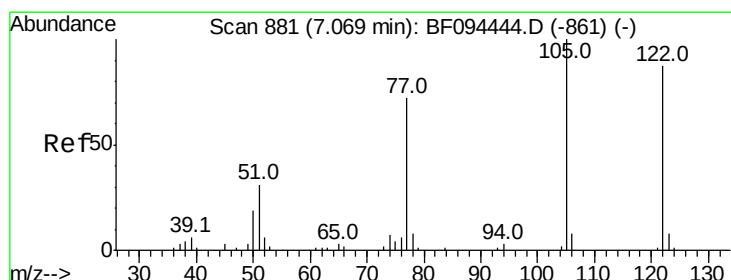
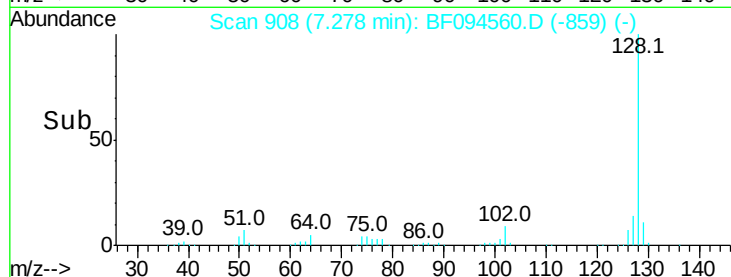
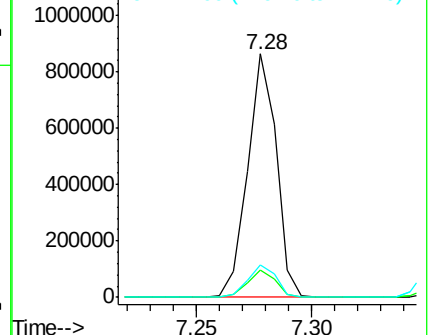
128 100

129 11.4 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: 51.62 ng

RT: 7.08 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

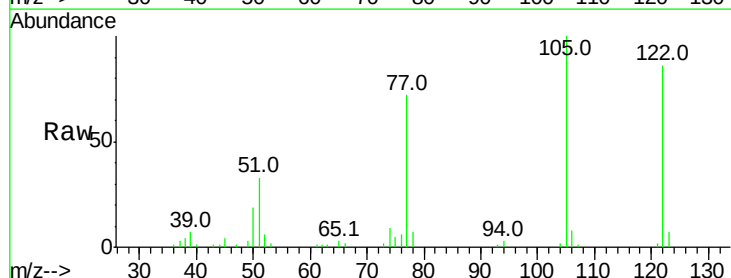
Tgt Ion:122 Resp: 149355

Ion Ratio Lower Upper

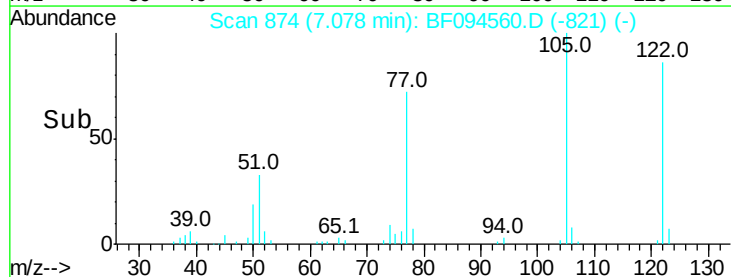
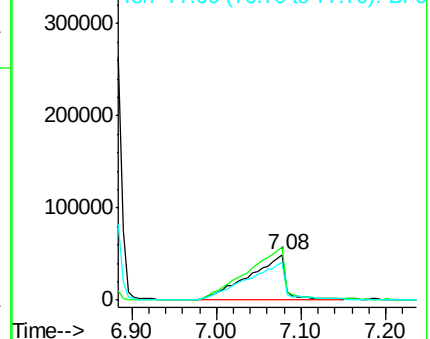
122 100

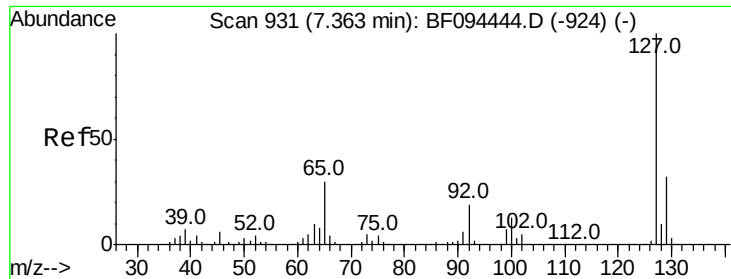
105 116.6 103.3 143.3

77 83.7 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

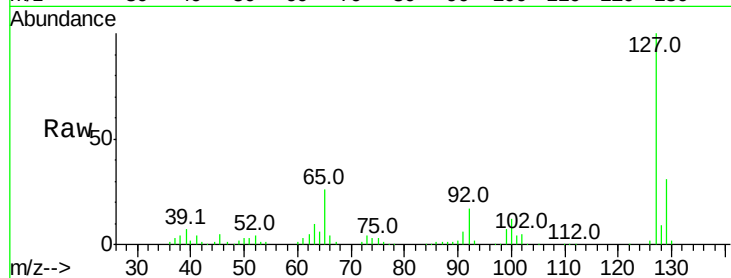




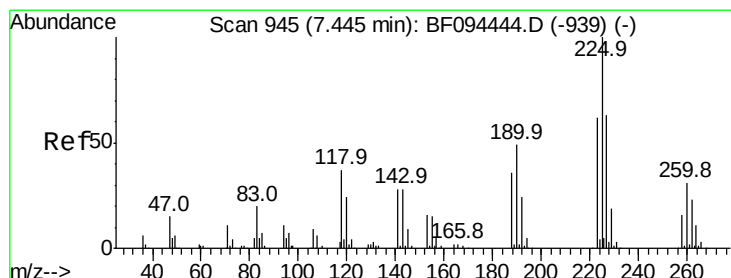
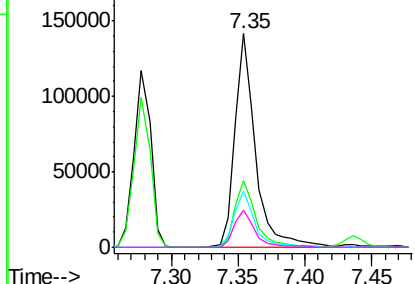
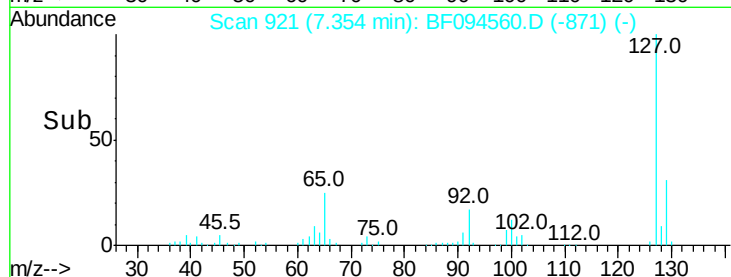
#33
 4-Chloroaniline
 Concen: 20.82 ng
 RT: 7.35 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	153083
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.2	39.2
65	26.3	27.8	41.8#
92	17.3	16.8	25.2

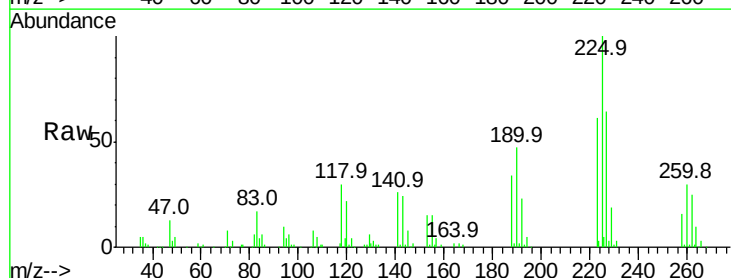


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

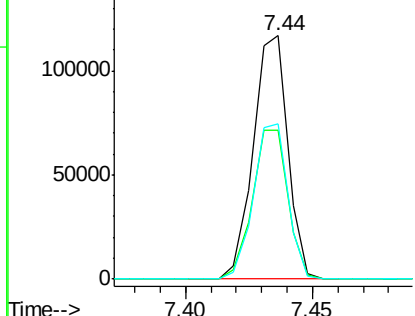
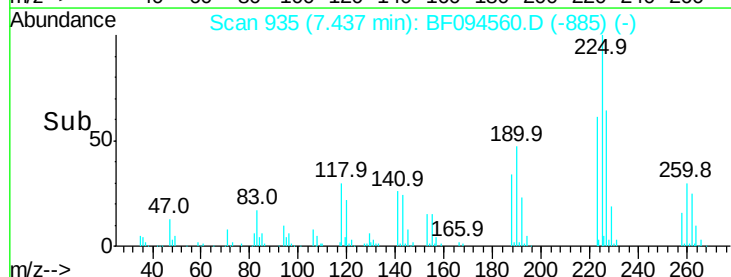


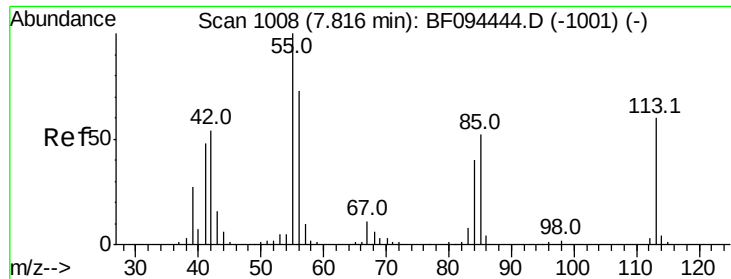
#34
 Hexachlorobutadiene
 Concen: 42.51 ng
 RT: 7.44 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion:	225	Resp:	111543
Ion	Ratio	Lower	Upper
225	100		
223	61.0	48.8	73.2
227	63.7	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

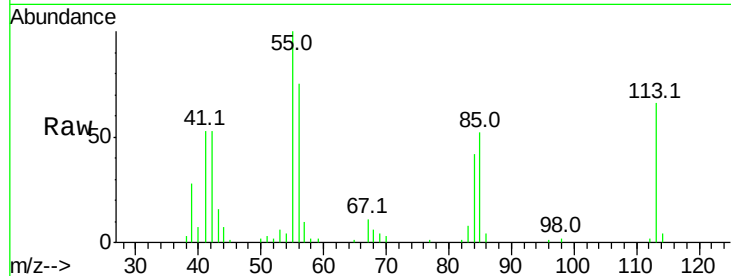




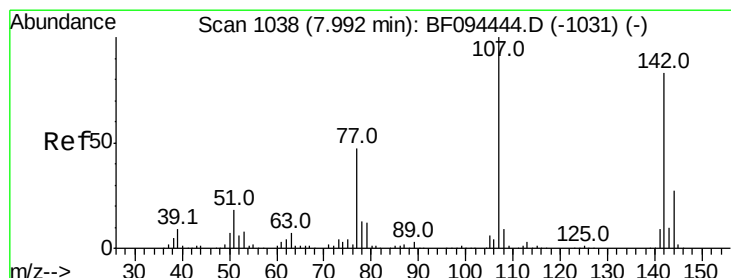
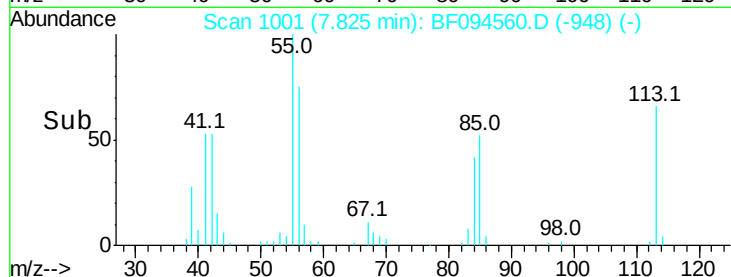
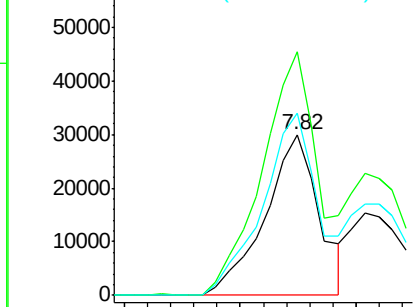
#35
 Caprolactam
 Concen: 30.37 ng
 RT: 7.82 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 48564
 Ion Ratio Lower Upper
 113 100
 55 151.2 150.2 190.2
 56 113.5 107.8 147.8

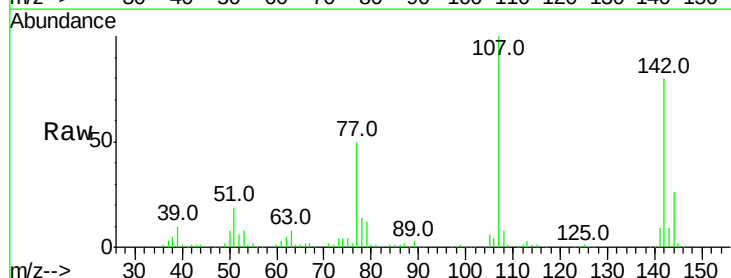


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

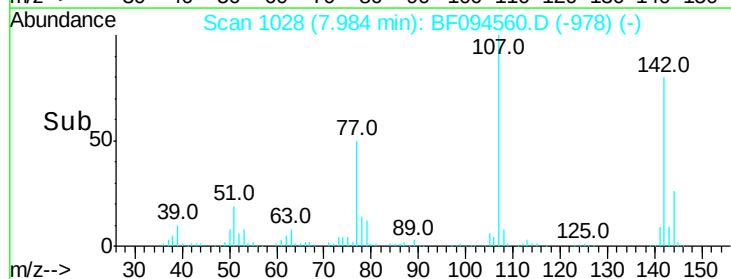
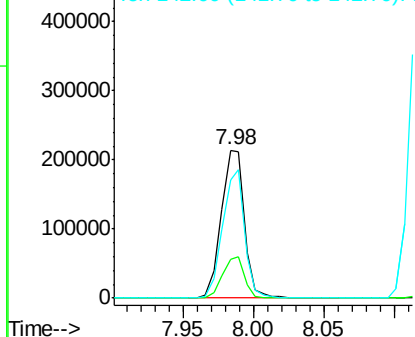


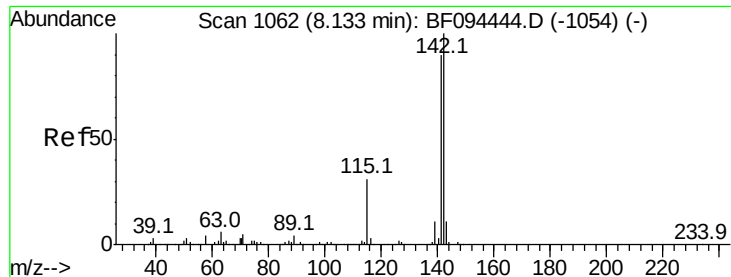
#36
 4-Chloro-3-methylphenol
 Concen: 45.93 ng
 RT: 7.98 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion:107 Resp: 245043
 Ion Ratio Lower Upper
 107 100
 144 26.4 24.2 36.4
 142 80.2 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: 44.23 ng

RT: 8.12 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :

BNA_F

ClientSampleId :

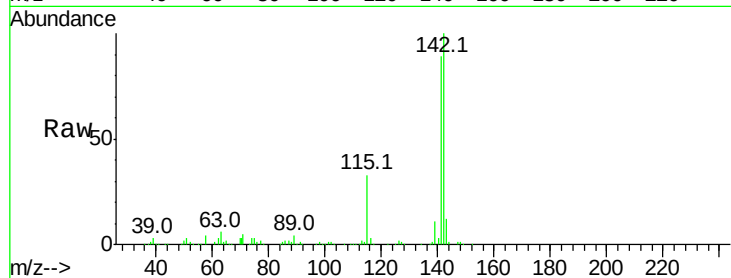
Tot Ion:142 Resp: 534798

Ion Ratio Lower Upper

142 100

141 89.2 71.3 106.9

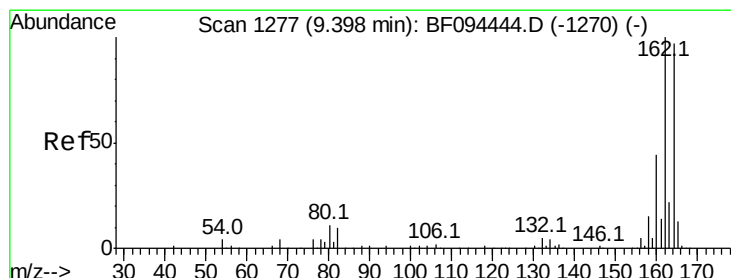
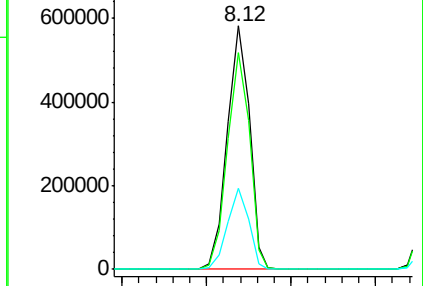
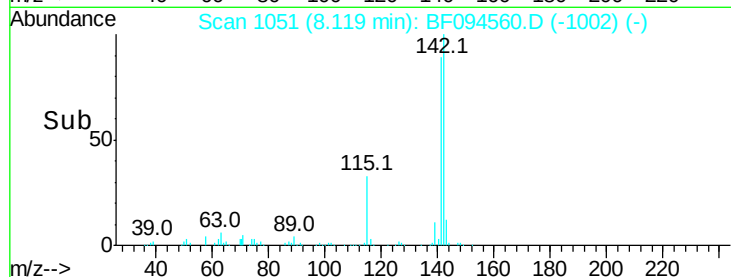
115 33.1 27.1 40.7



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: 9.39 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

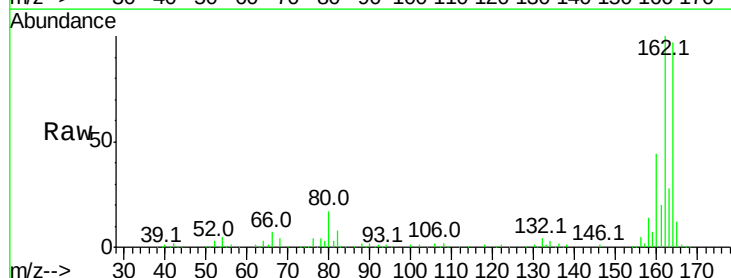
Tgt Ion:164 Resp: 177110

Ion Ratio Lower Upper

164 100

162 103.6 82.6 123.8

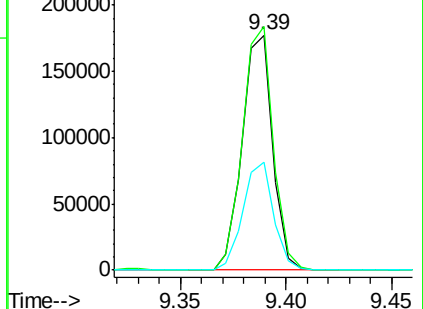
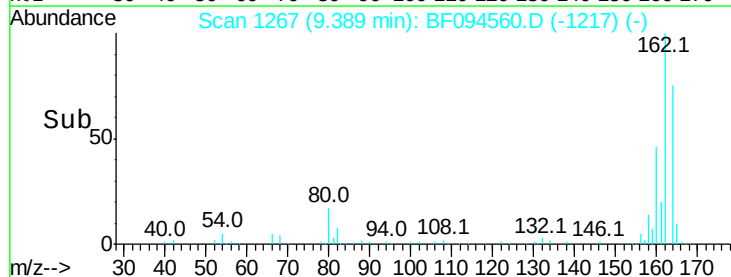
160 45.8 36.2 54.2

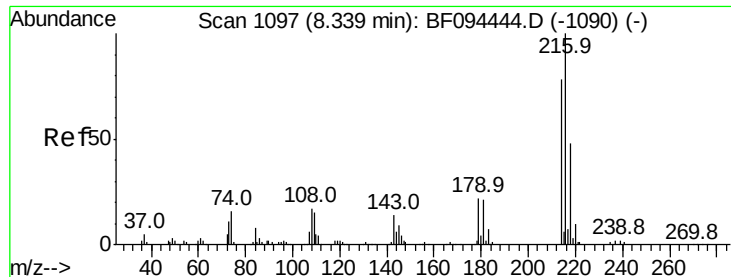


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

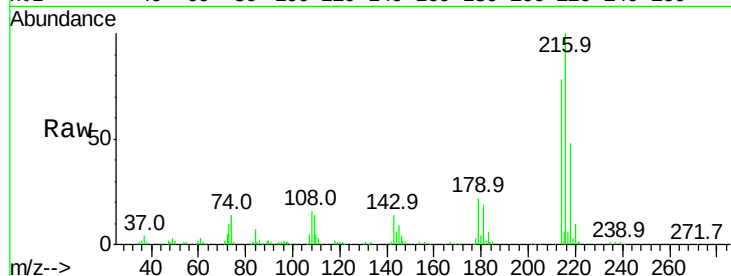




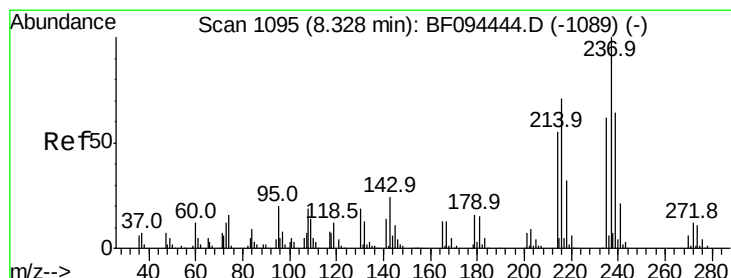
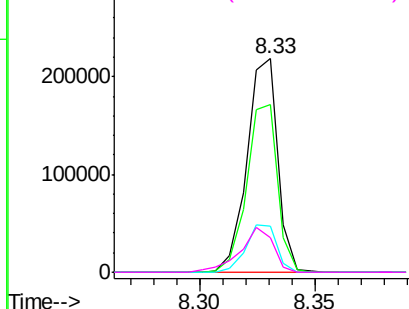
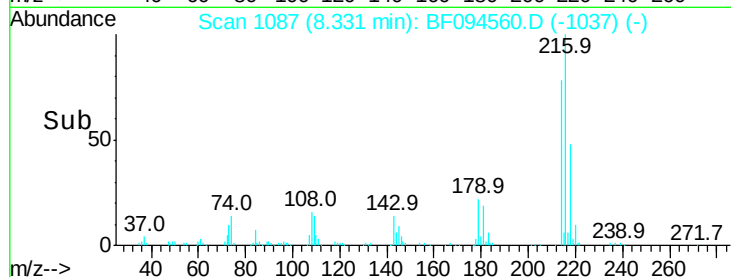
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.39 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	203681
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.4	95.2
179	22.5	17.9	26.9
108	22.4	16.5	24.7

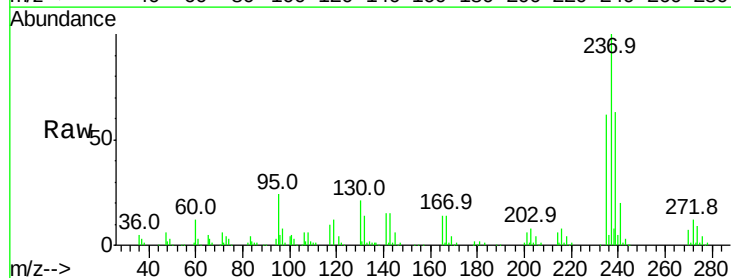


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

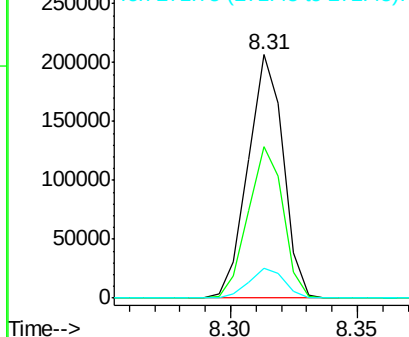
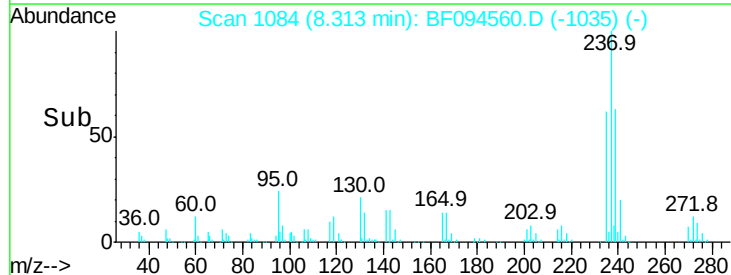


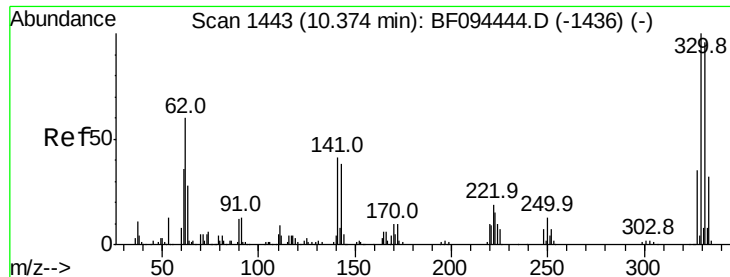
#40
 Hexachlorocyclopentadiene
 Concen: 97.74 ng
 RT: 8.31 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion:	237	Resp:	199420
Ion	Ratio	Lower	Upper
237	100		
235	62.2	42.6	82.6
272	12.0	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

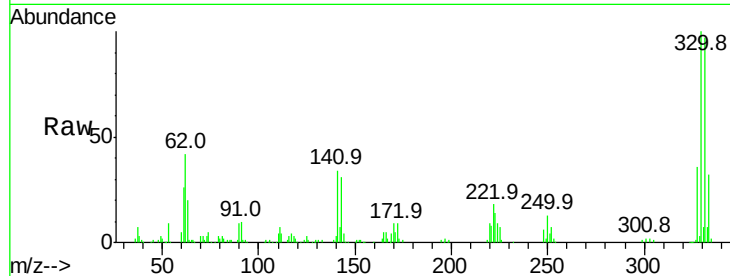




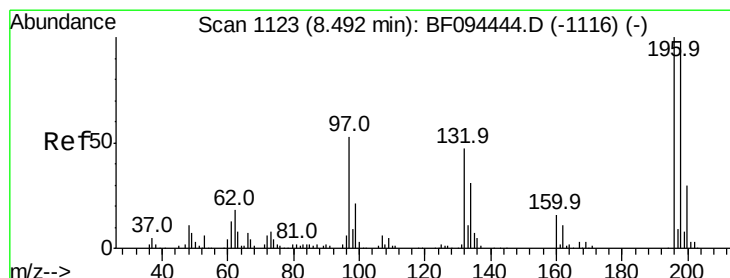
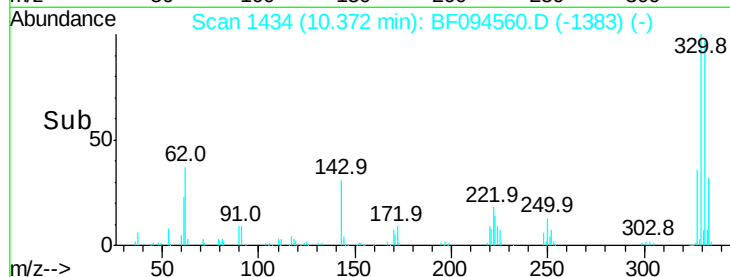
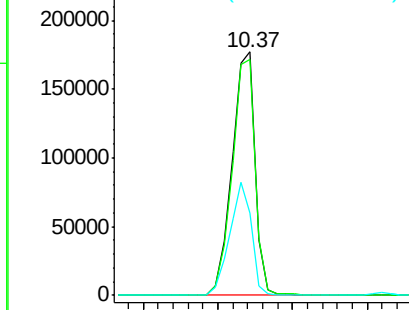
#41
 2,4,6-Tribromophenol
 Concen: 139.18 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 192803
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 115.0
 141 44.0 31.4 47.2

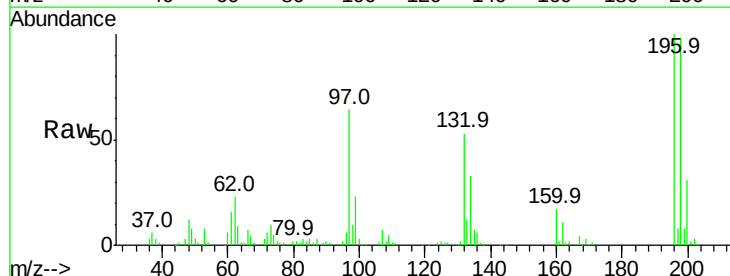


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

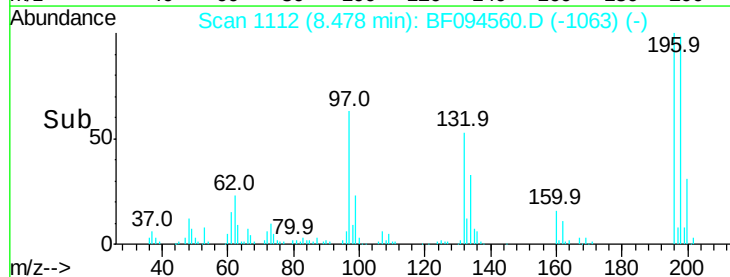
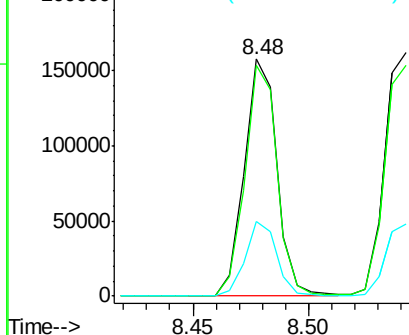


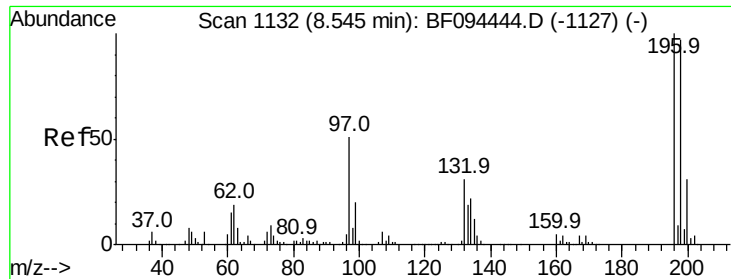
#42
 2,4,6-Trichlorophenol
 Concen: 43.96 ng
 RT: 8.48 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion:196 Resp: 155685
 Ion Ratio Lower Upper
 196 100
 198 97.7 74.2 111.4
 200 31.4 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

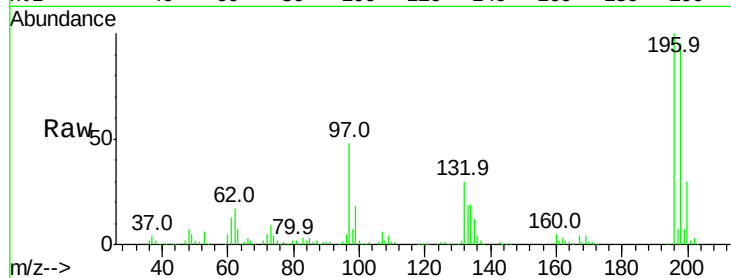




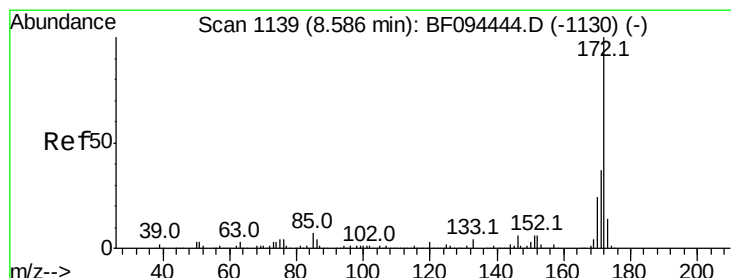
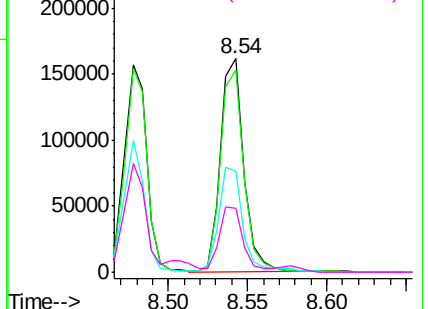
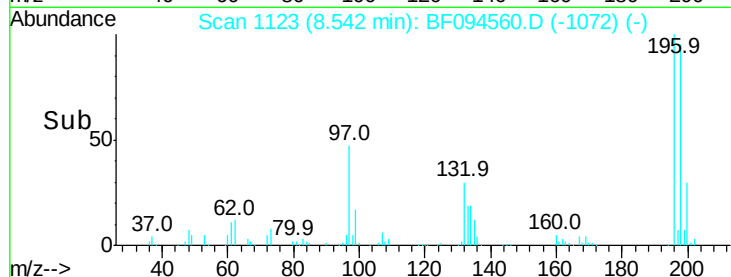
#43
 2,4,5-Trichlorophenol
 Concen: 45.17 ng
 RT: 8.54 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 164302
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.7 113.5
 97 47.7 47.7 71.5#
 132 30.1 28.0 42.0

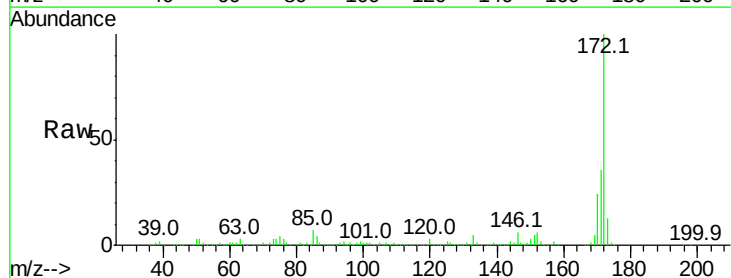


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

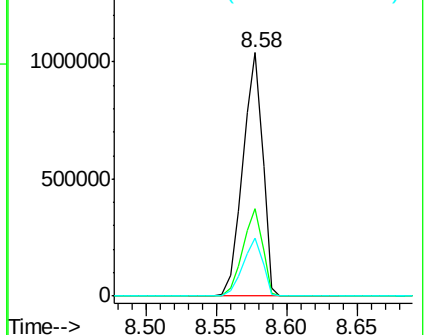
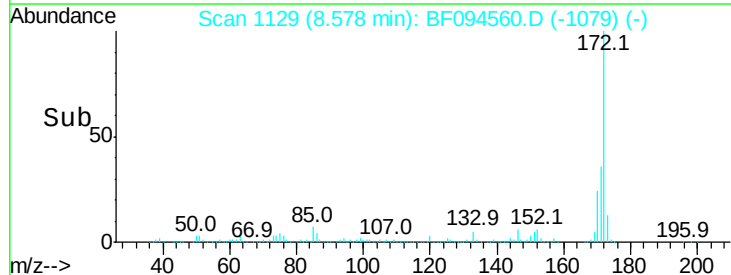


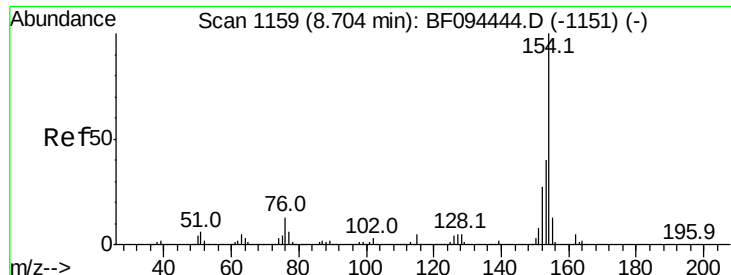
#44
 2-Fluorobiphenyl
 Concen: 84.32 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion:172 Resp: 1015019
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.8 19.8 29.8



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

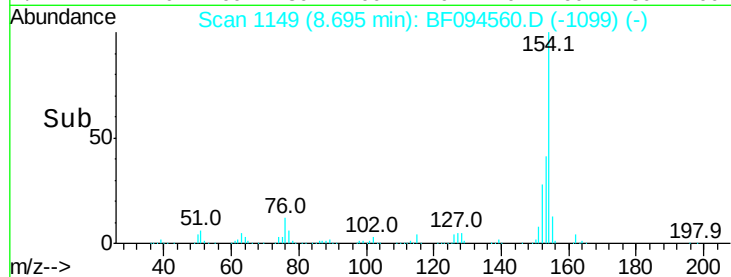
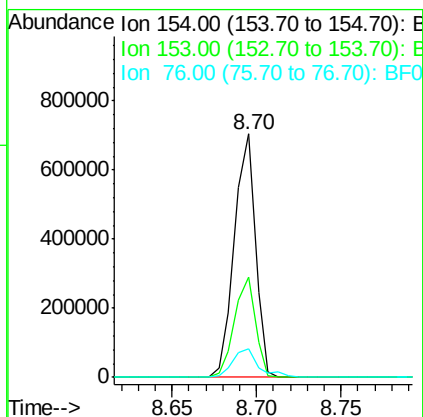
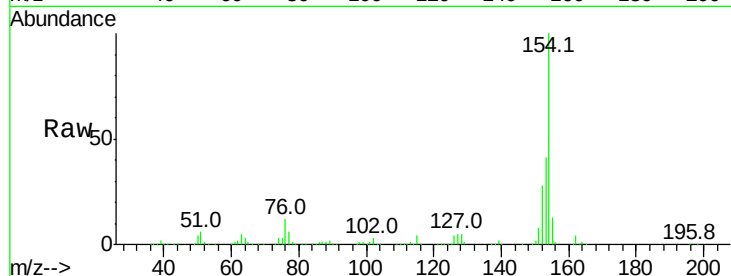




#45
 1,1'-Biphenyl
 Concen: 42.27 ng
 RT: 8.70 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

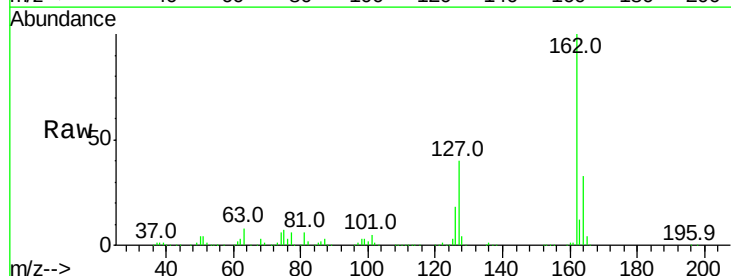
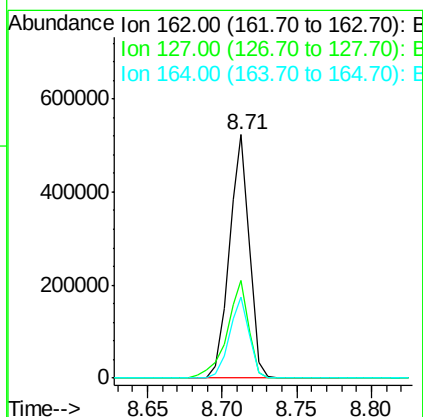
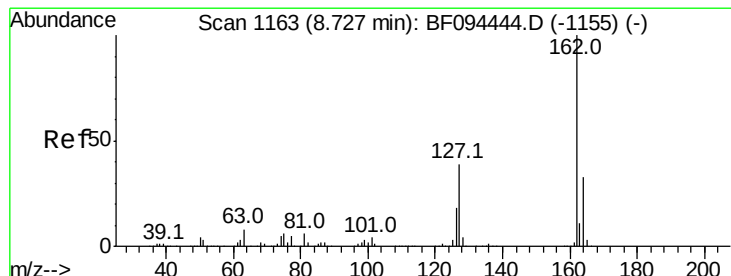
Instrument :
 BNA_F
 ClientSampleId :

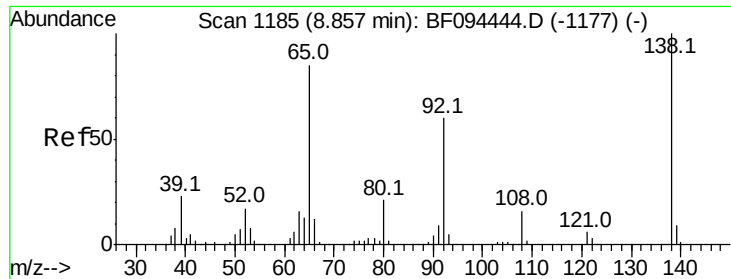
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.2	61.2
76	11.7	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 42.77 ng
 RT: 8.71 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.2	28.3	42.5
164	33.5	27.0	40.4

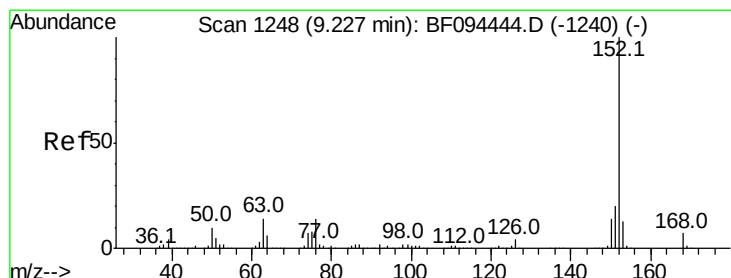
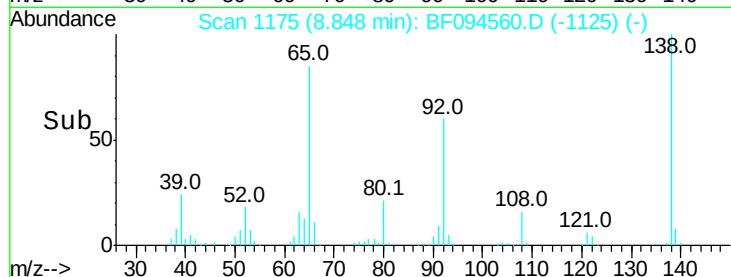
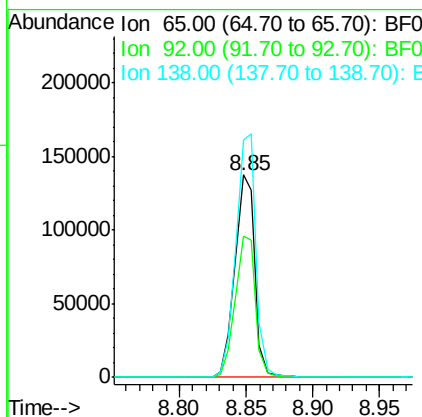
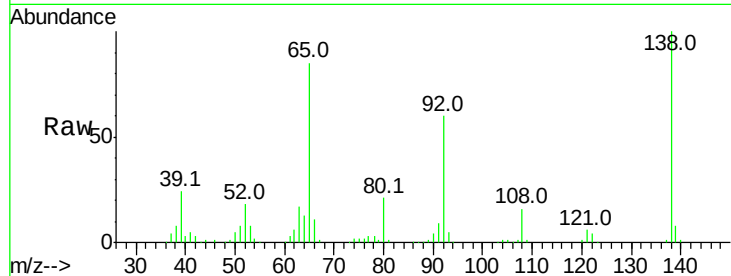




#47
 2-Nitroaniline
 Concen: 43.88 ng
 RT: 8.85 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

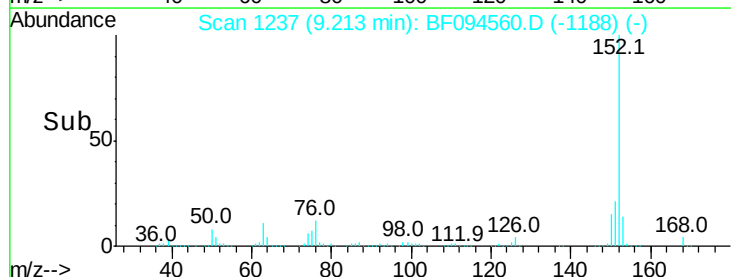
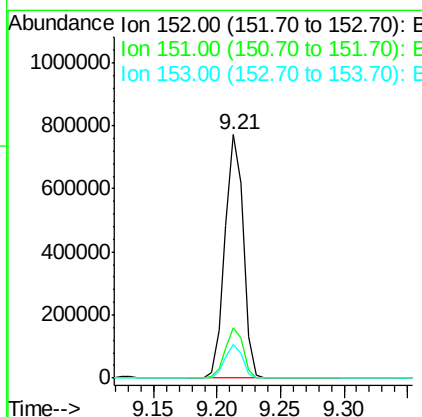
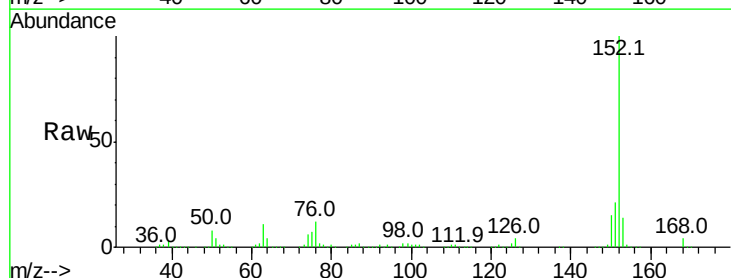
Instrument :
 BNA_F
 ClientSampleId :

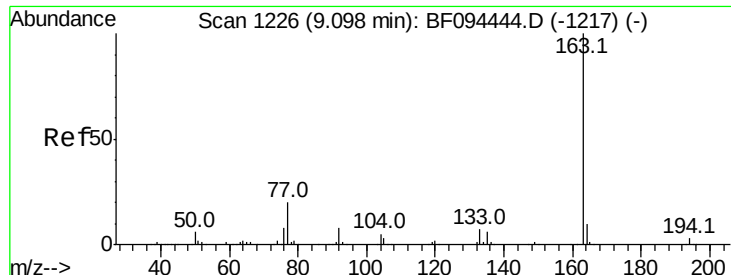
Tot Ion: 65 Resp: 145226
 Ion Ratio Lower Upper
 65 100
 92 70.0 53.9 80.9
 138 117.1 78.8 118.2



#48
 Acenaphthylene
 Concen: 43.10 ng
 RT: 9.21 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion:152 Resp: 773054
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.8 25.2
 153 13.8 10.8 16.2

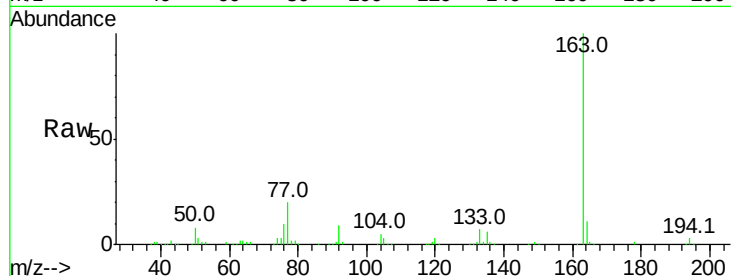




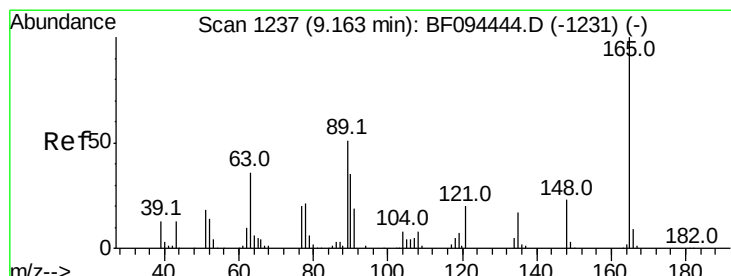
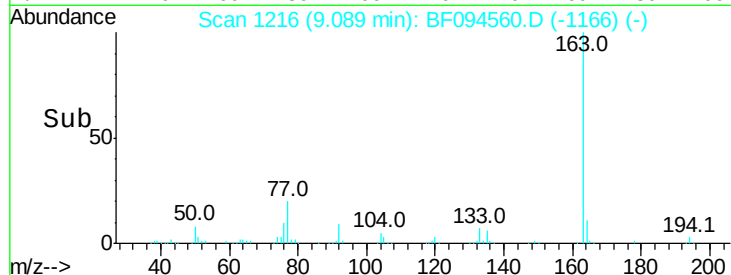
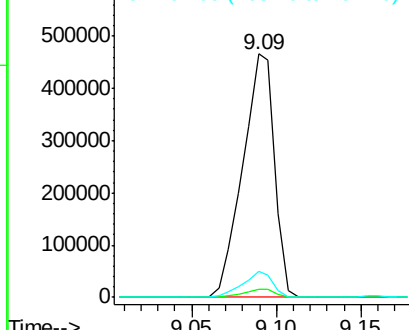
#49
Dimethylphthalate
Concen: 46.36 ng
RT: 9.09 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 611866
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.7 8.4 12.6

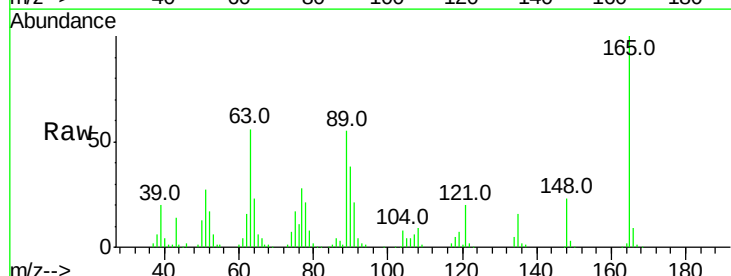


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

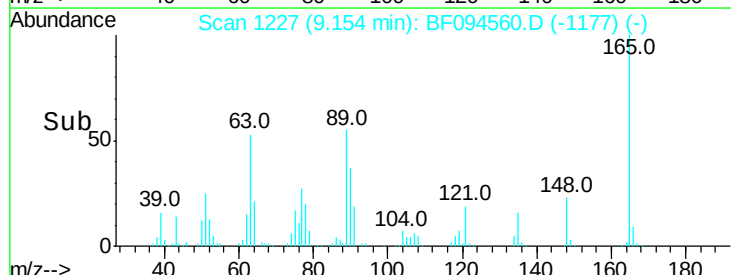
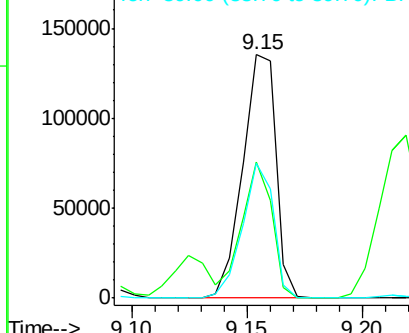


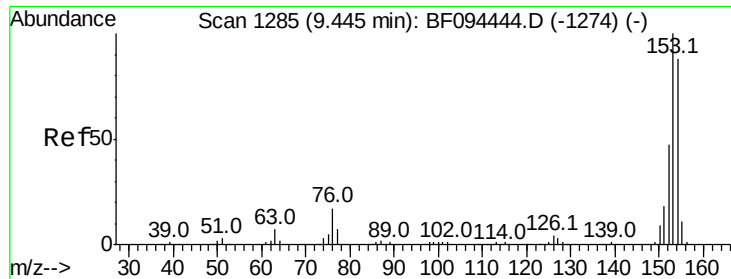
#50
2,6-Dinitrotoluene
Concen: 46.29 ng
RT: 9.15 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion:165 Resp: 137124
Ion Ratio Lower Upper
165 100
63 56.0 34.3 51.5#
89 55.2 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: 43.55 ng

RT: 9.43 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :

BNA_F

ClientSampleId :

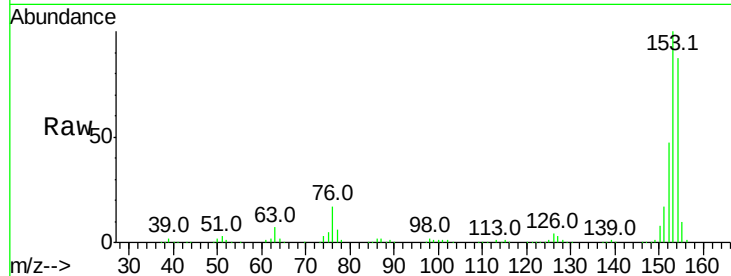
Tot Ion:154 Resp: 467829

Ion Ratio Lower Upper

154 100

153 115.1 90.5 135.7

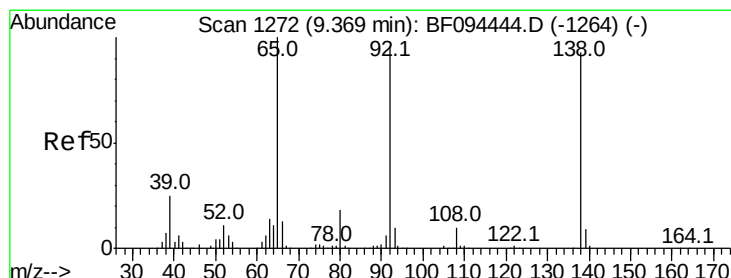
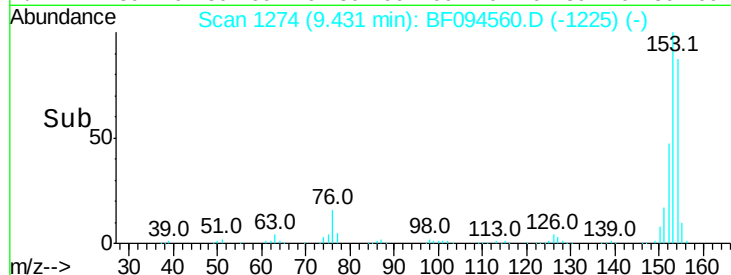
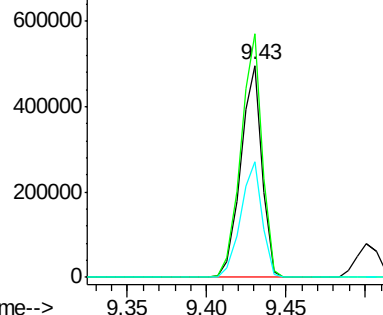
152 54.6 43.6 65.4



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: 20.16 ng

RT: 9.36 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

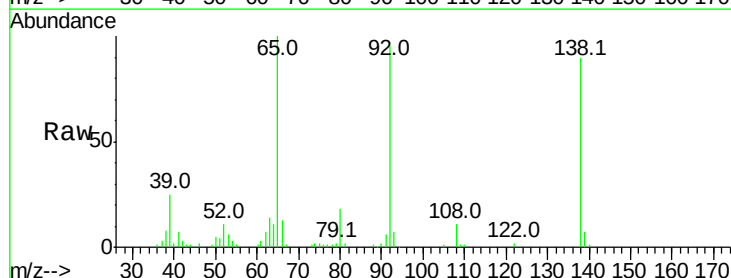
Tgt Ion:138 Resp: 69115

Ion Ratio Lower Upper

138 100

108 12.1 9.1 13.7

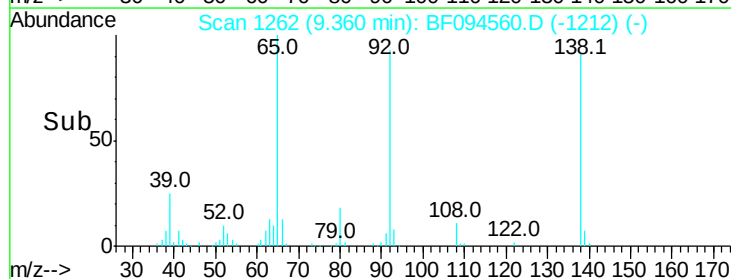
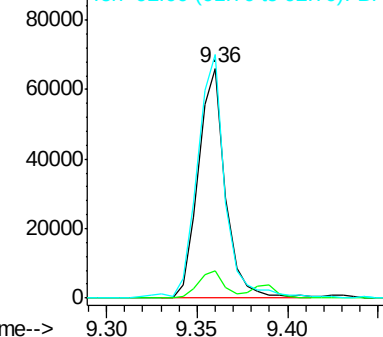
92 105.8 93.8 140.6

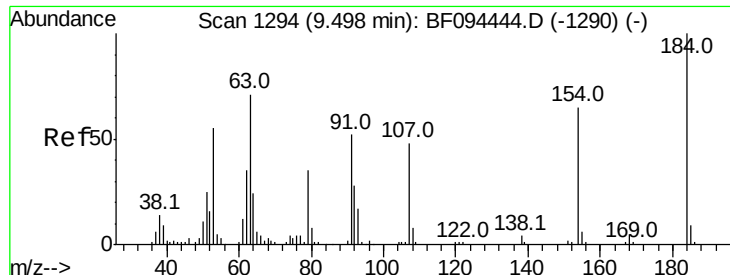


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

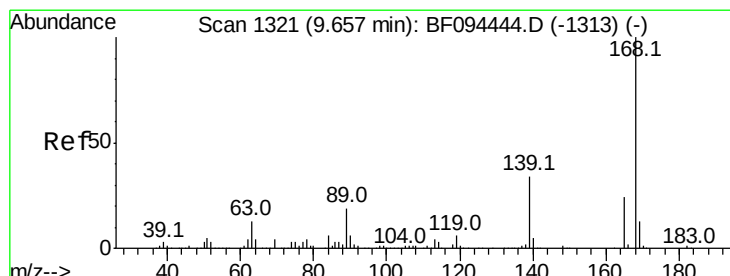
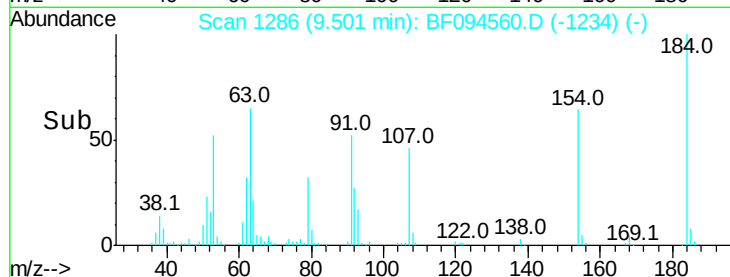
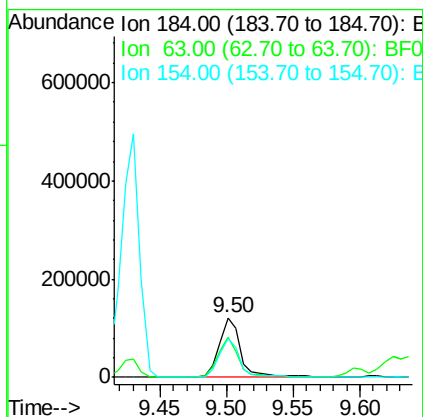
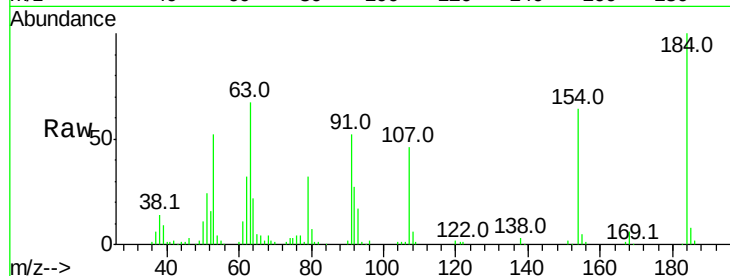




#53
 2,4-Dinitrophenol
 Concen: 86.19 ng
 RT: 9.50 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

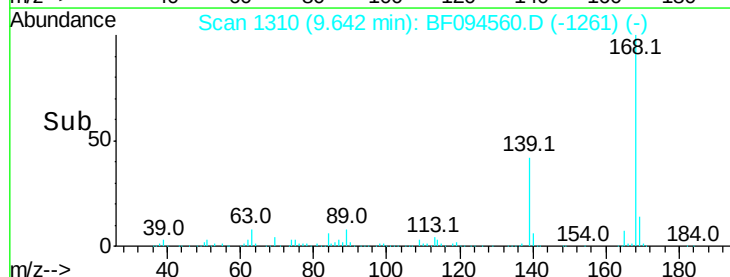
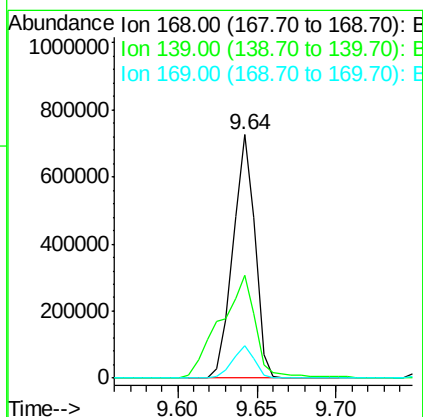
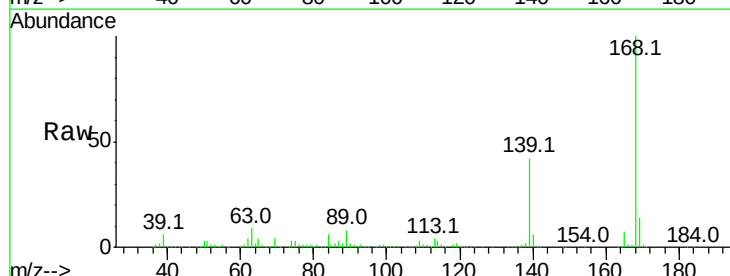
Instrument :
 BNA_F
 ClientSampleId :

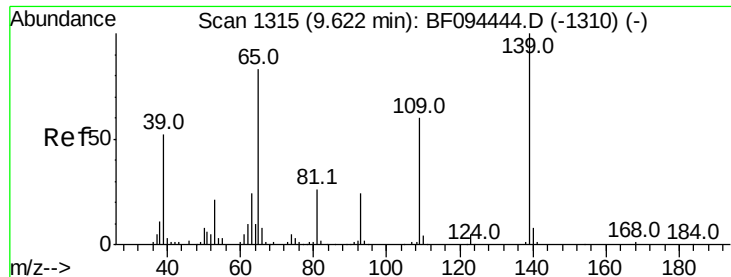
Tot Ion:184 Resp: 139327
 Ion Ratio Lower Upper
 184 100
 63 67.3 62.7 94.1
 154 63.8 81.1 121.7#



#54
 Dibenzofuran
 Concen: 44.39 ng
 RT: 9.64 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion:168 Resp: 693118
 Ion Ratio Lower Upper
 168 100
 139 42.1 30.6 45.8
 169 13.5 10.8 16.2

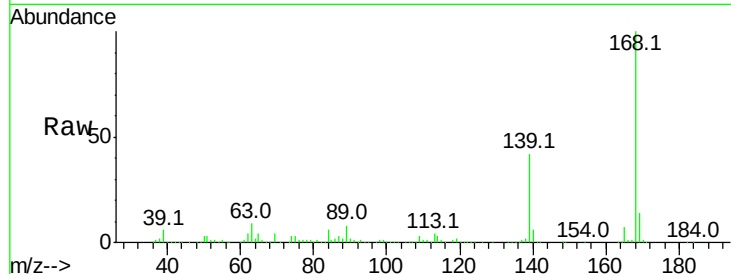




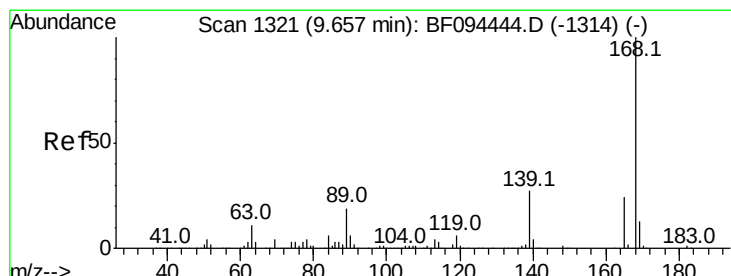
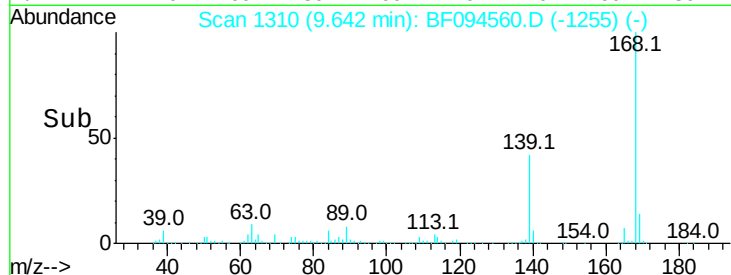
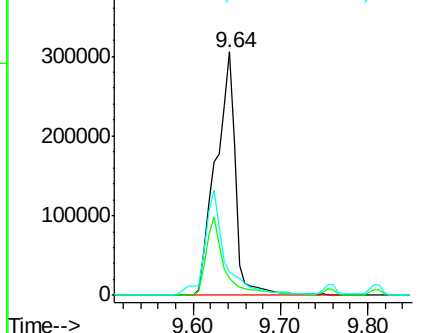
#55
4-Nitrophenol
Concen: 201.11 ng
RT: 9.64 min Scan# 1310
Delta R.T. 0.02 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	6.9	34.1	74.1#
65	9.5	31.4	71.4#



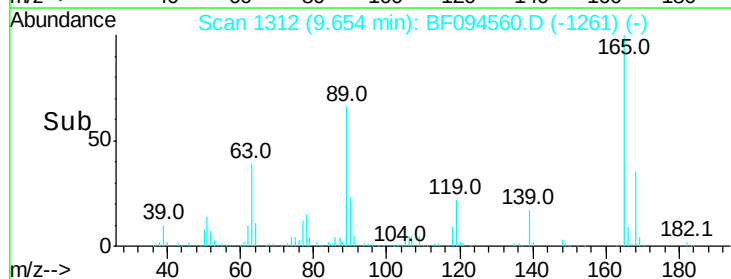
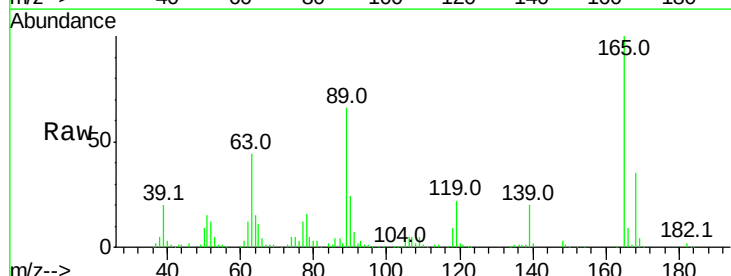
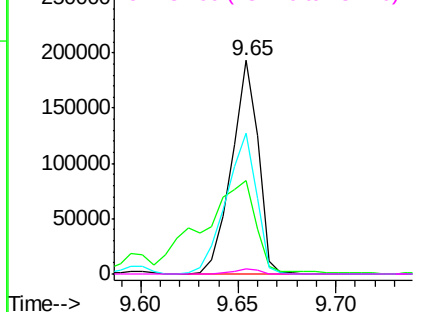
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

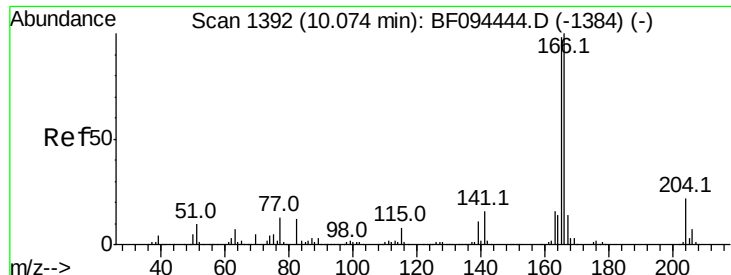


#56
2,4-Dinitrotoluene
Concen: 50.02 ng
RT: 9.65 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.0	25.4	38.0#
89	66.0	46.4	69.6
182	2.2	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

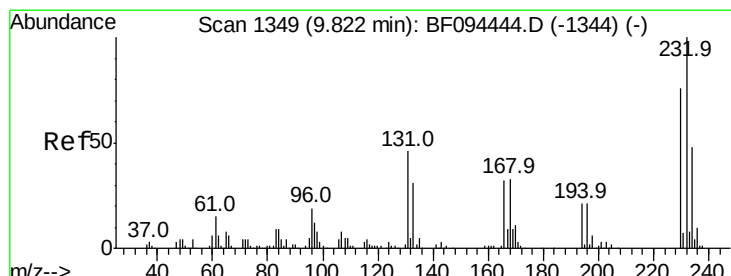
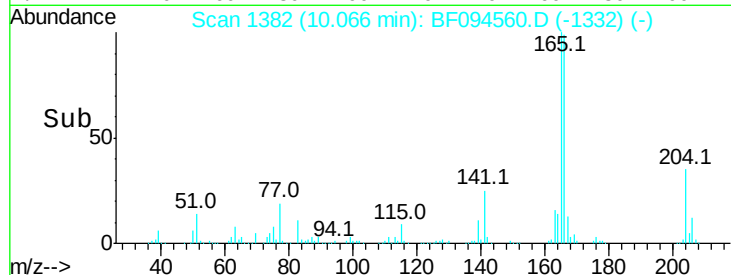
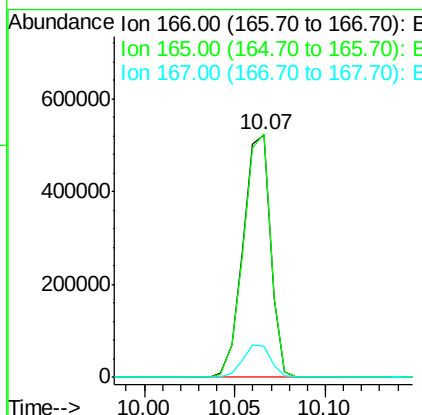
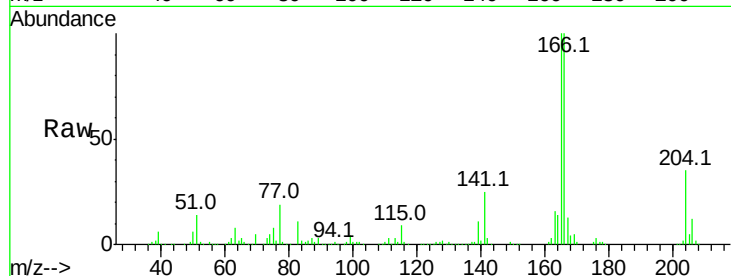




#57
 Fluorene
 Concen: 45.12 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

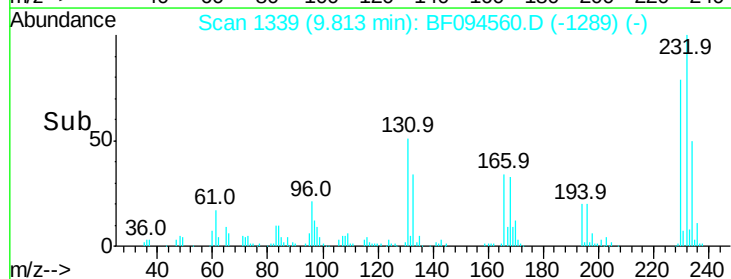
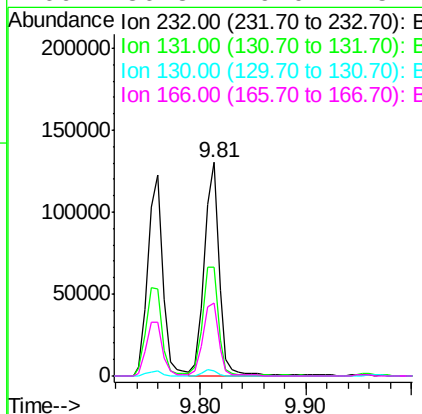
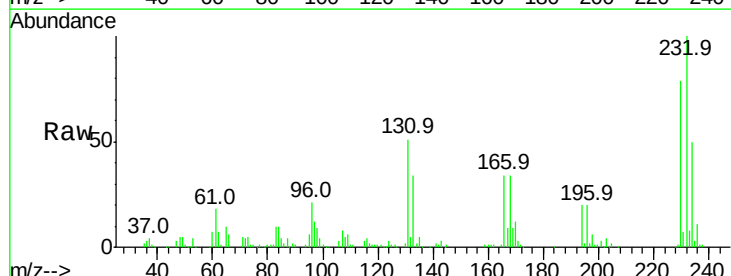
Instrument :
 BNA_F
 ClientSampleId :

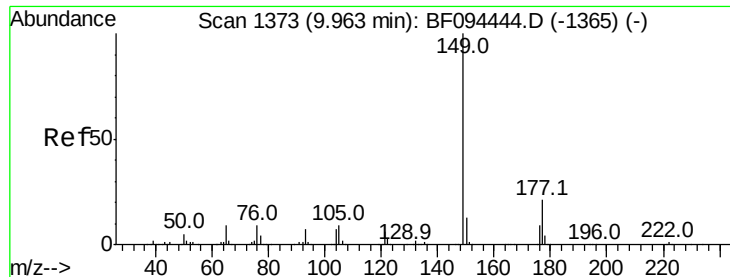
Tot Ion:166 Resp: 548578
 Ion Ratio Lower Upper
 166 100
 165 100.4 78.8 118.2
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.87 ng
 RT: 9.81 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion:232 Resp: 127404
 Ion Ratio Lower Upper
 232 100
 131 55.3 44.8 67.2
 130 2.5 2.3 3.5
 166 36.8 29.0 43.4

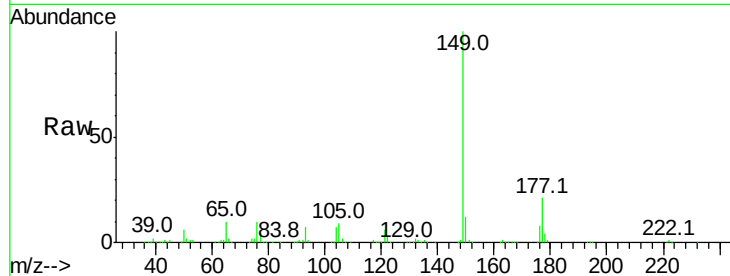




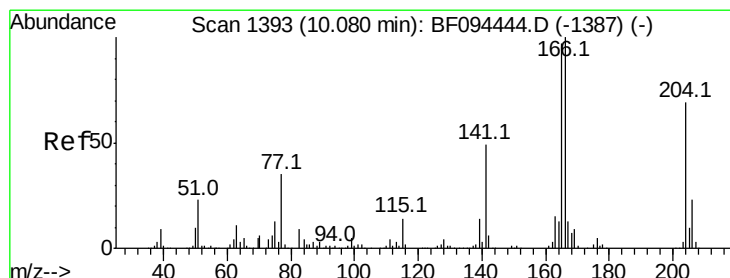
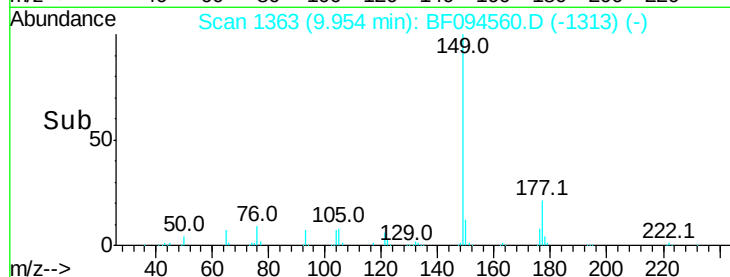
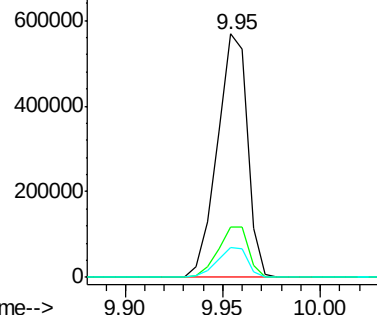
#59
Diethylphthalate
Concen: 48.82 ng
RT: 9.95 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 608015
Ion Ratio Lower Upper
149 100
177 20.7 16.7 25.1
150 12.1 10.2 15.2

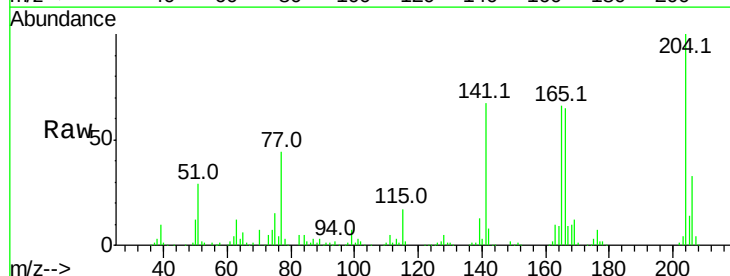


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

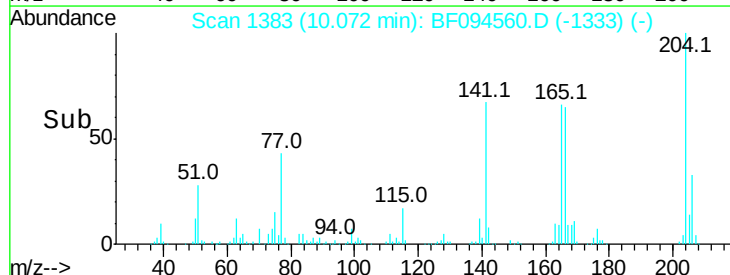
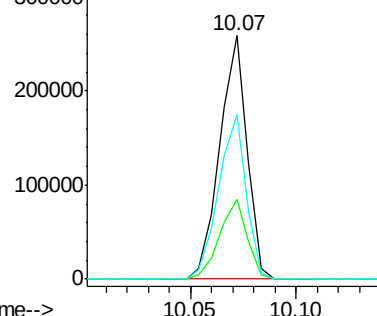


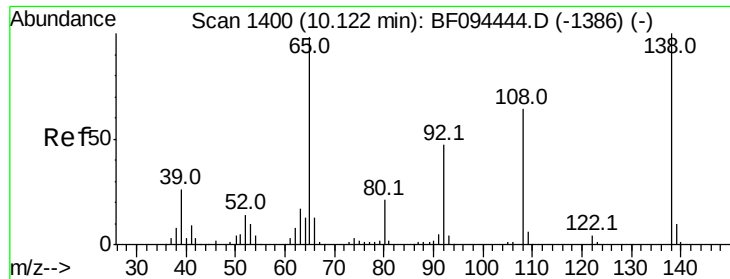
#60
4-Chlorophenyl-phenylether
Concen: 45.94 ng
RT: 10.07 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion:204 Resp: 232452
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 67.4 60.8 91.2



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

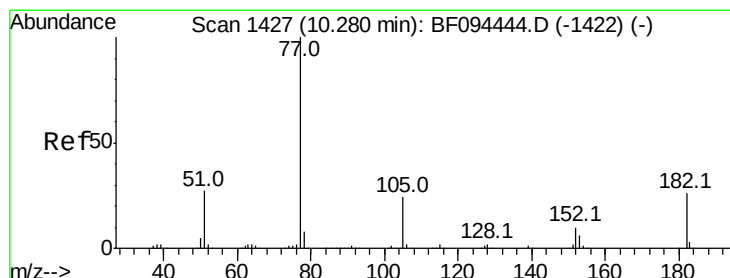
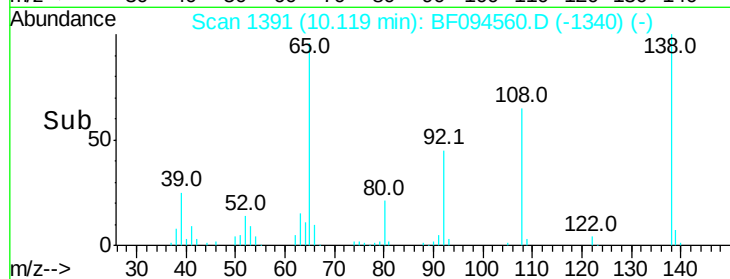
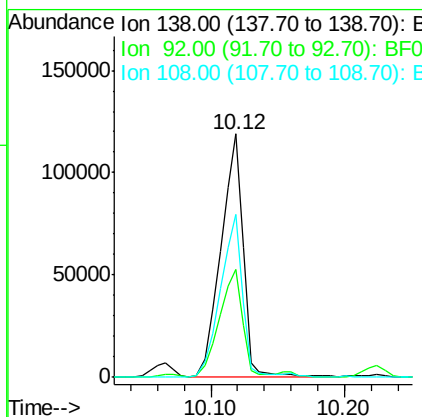
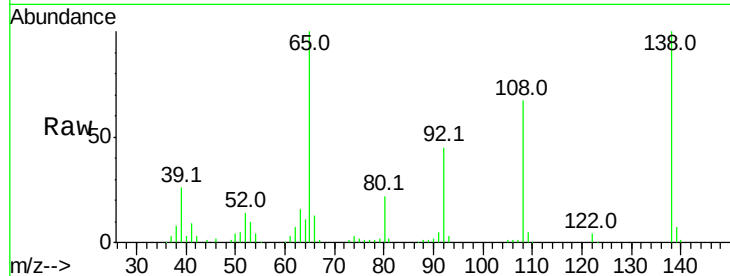




#61
 4-Nitroaniline
 Concen: 40.59 ng
 RT: 10.12 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

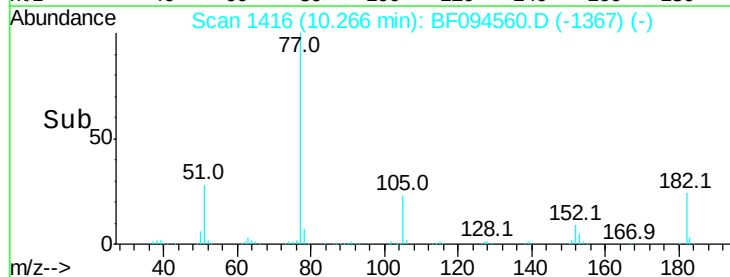
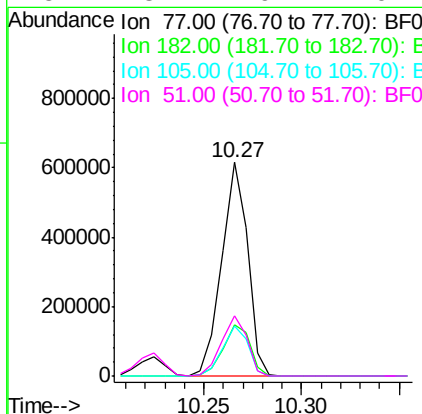
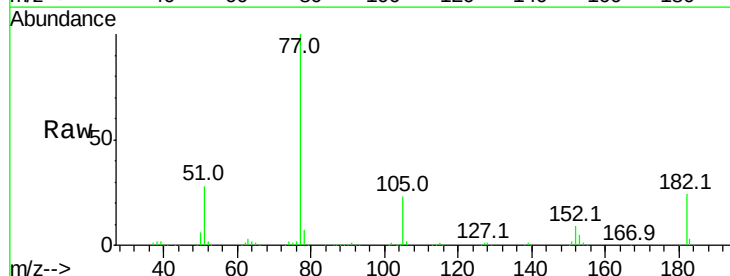
Instrument :
 BNA_F
 ClientSampleId :

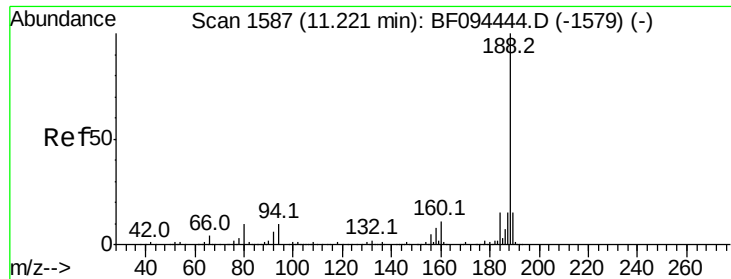
Tot Ion:138 Resp: 141427
 Ion Ratio Lower Upper
 138 100
 92 44.6 21.8 61.8
 108 67.0 42.3 82.3



#62
 Azobenzene
 Concen: 46.99 ng
 RT: 10.27 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion: 77 Resp: 568198
 Ion Ratio Lower Upper
 77 100
 182 23.9 0.1 40.1
 105 23.2 3.6 43.6
 51 28.2 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :

BNA_F

ClientSampleId :

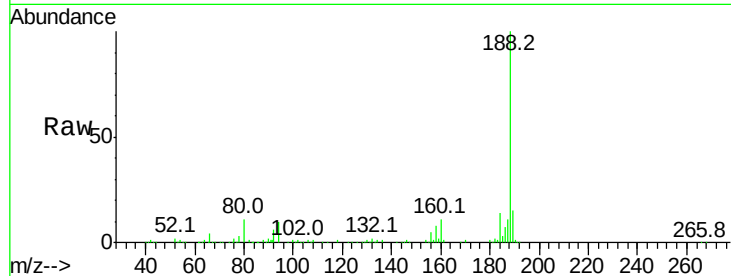
Tot Ion:188 Resp: 331397

Ion Ratio Lower Upper

188 100

94 10.1 9.4 14.2

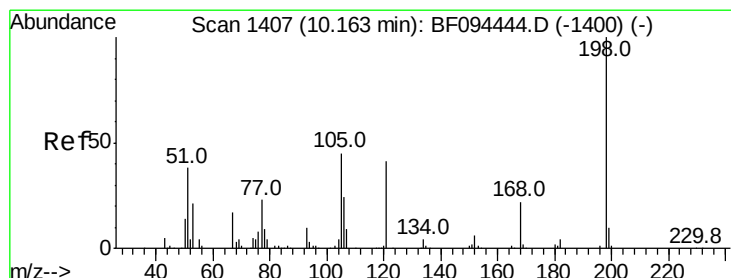
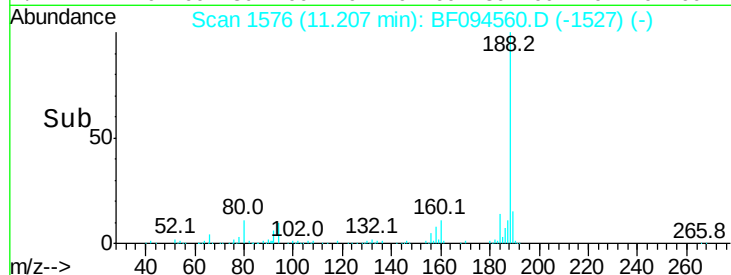
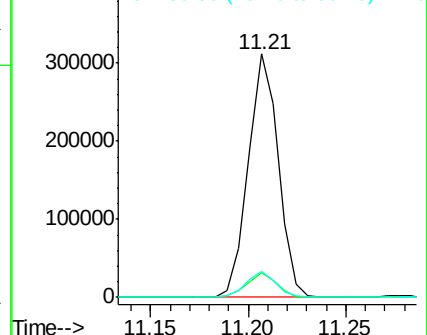
80 10.6 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 45.73 ng

RT: 10.16 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

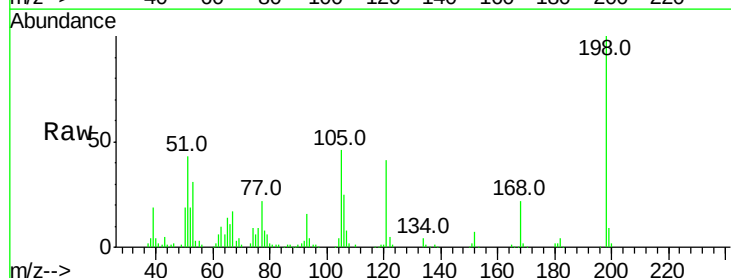
Tgt Ion:198 Resp: 99297

Ion Ratio Lower Upper

198 100

51 43.0 53.2 93.2#

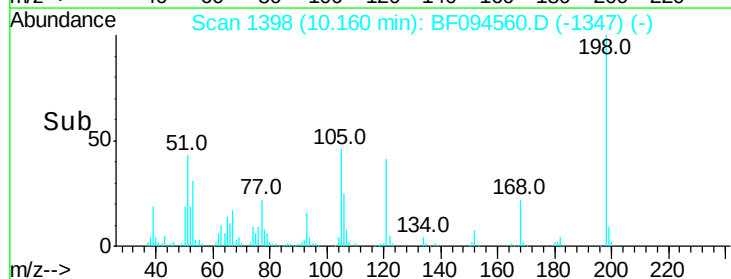
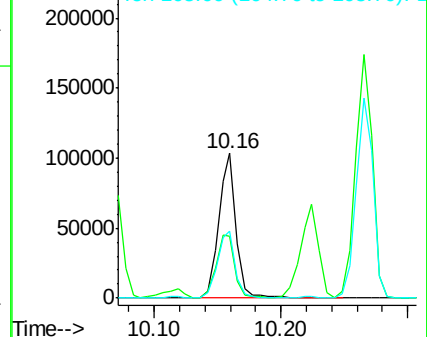
105 46.2 45.8 85.8

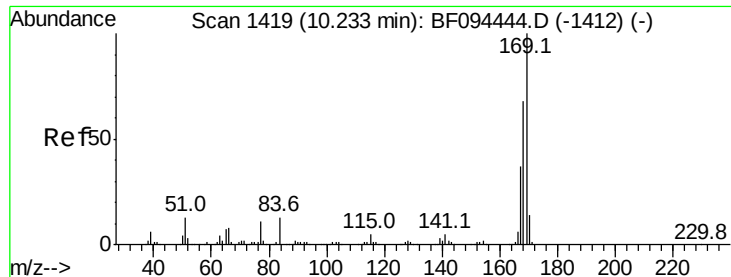


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

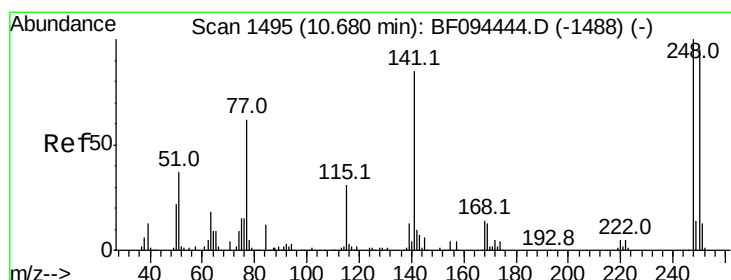
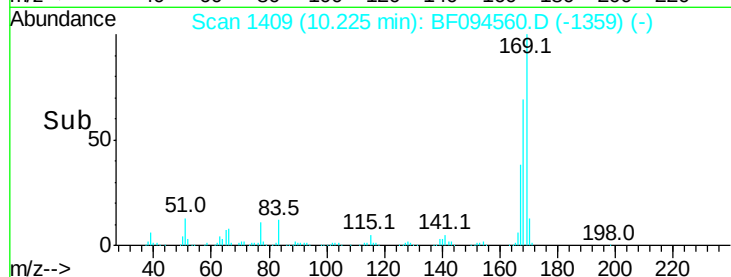
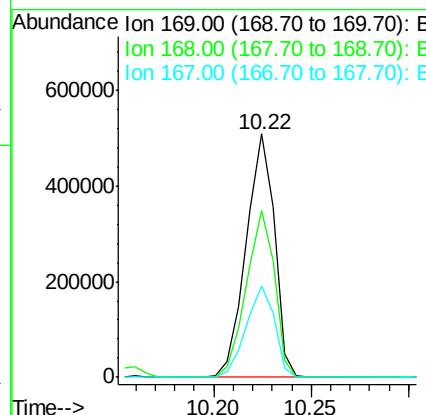
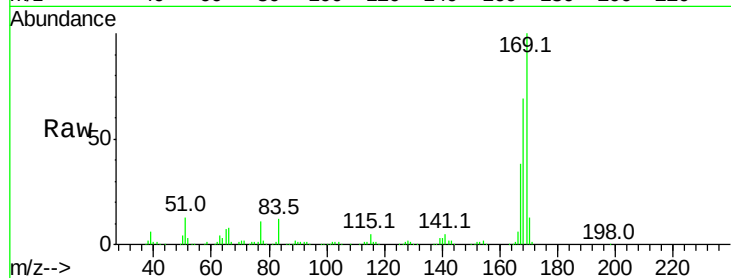




#65
 n-Nitrosodiphenylamine
 Concen: 44.63 ng
 RT: 10.22 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

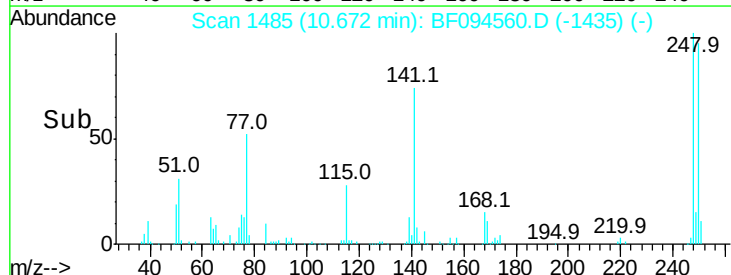
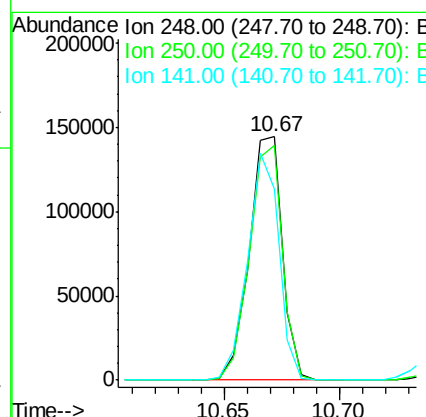
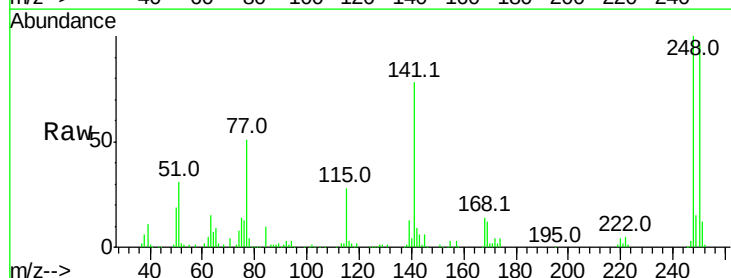
Instrument :
 BNA_F
 ClientSampleId :

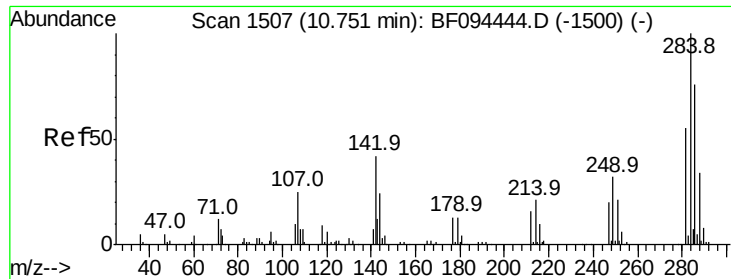
Tot Ion:169 Resp: 514328
 Ion Ratio Lower Upper
 169 100
 168 68.6 53.2 79.8
 167 37.5 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 44.04 ng
 RT: 10.67 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion:248 Resp: 144931
 Ion Ratio Lower Upper
 248 100
 250 96.2 76.8 115.2
 141 78.4 68.6 103.0





#67

Hexachlorobenzene

Concen: 43.09 ng

RT: 10.74 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :

BNA_F

ClientSampled :

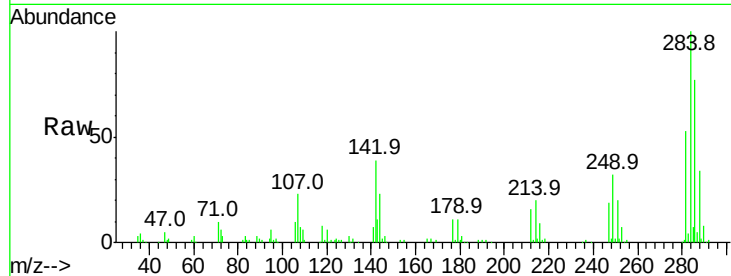
Tot Ion:284 Resp: 142888

Ion Ratio Lower Upper

284 100

142 39.2 22.8 34.2#

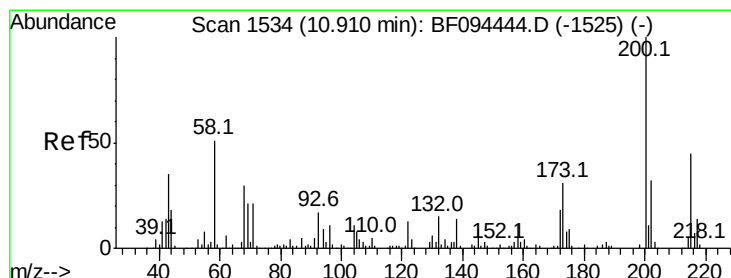
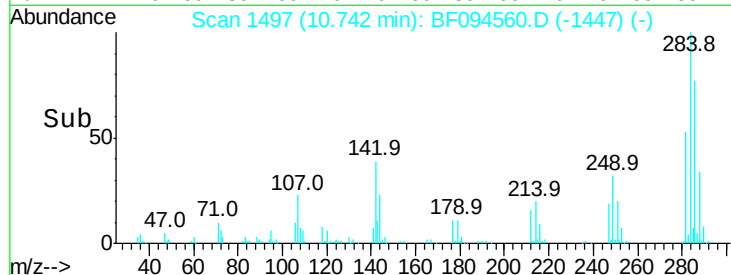
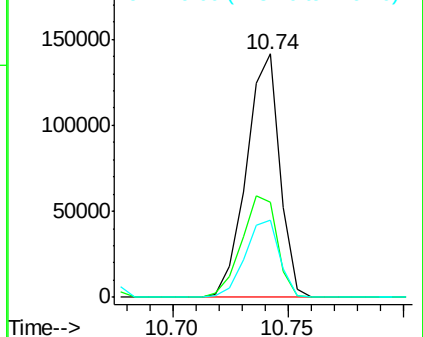
249 31.8 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.18 ng

RT: 10.90 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

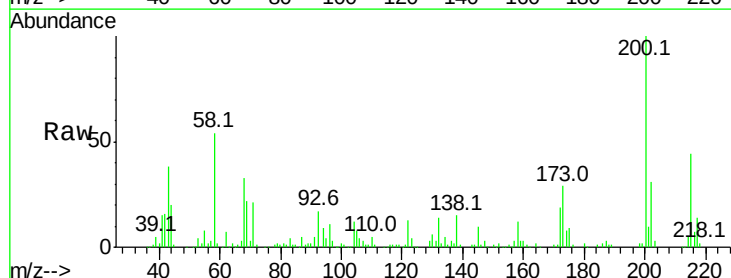
Tgt Ion:200 Resp: 152325

Ion Ratio Lower Upper

200 100

173 29.0 6.3 46.3

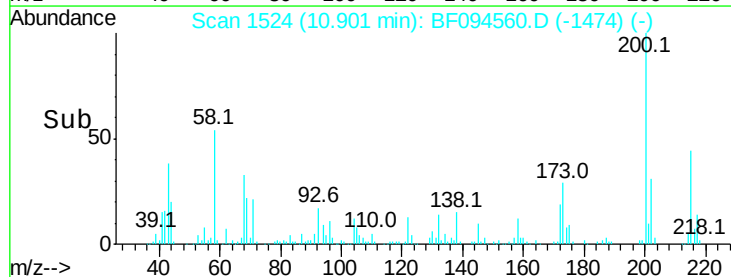
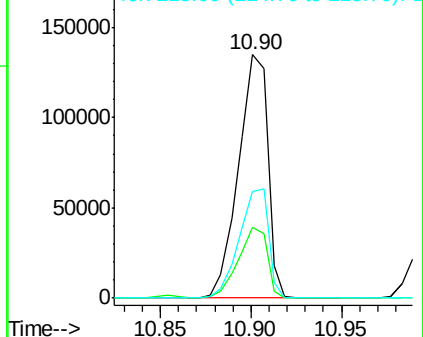
215 43.8 27.2 67.2

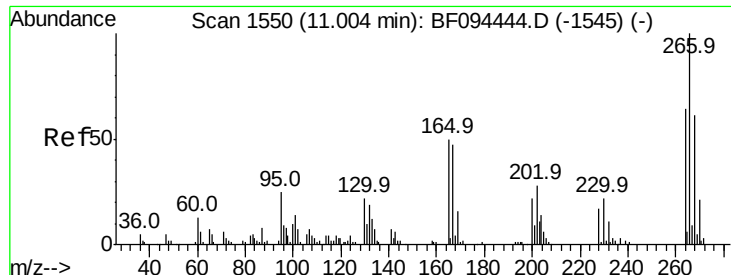


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

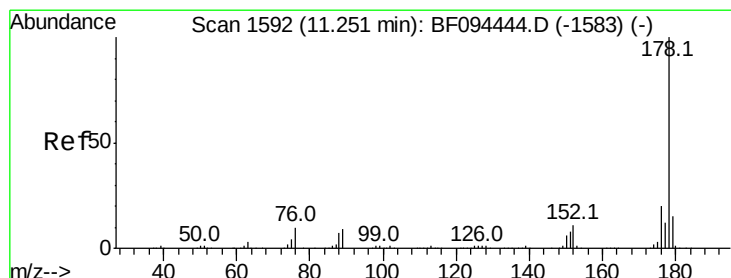
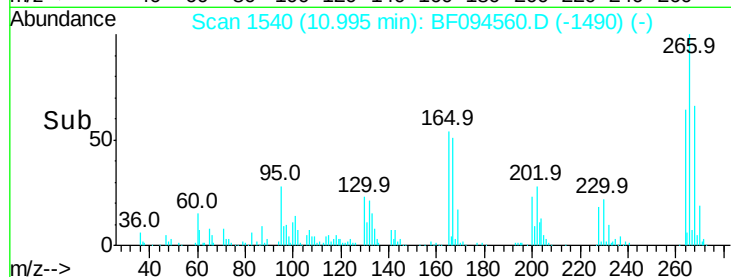
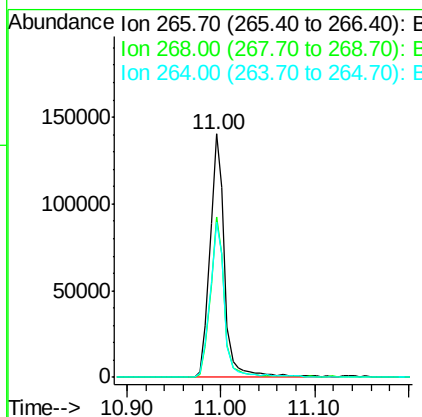
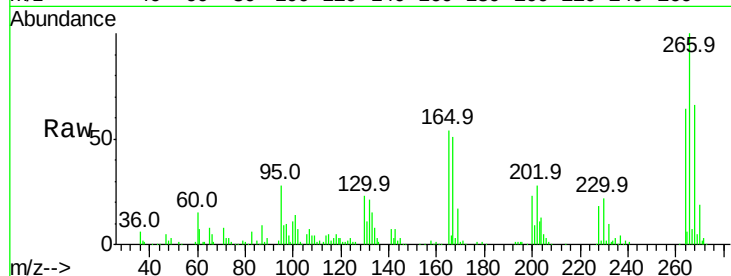




#69
 Pentachlorophenol
 Concen: 118.54 ng
 RT: 11.00 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

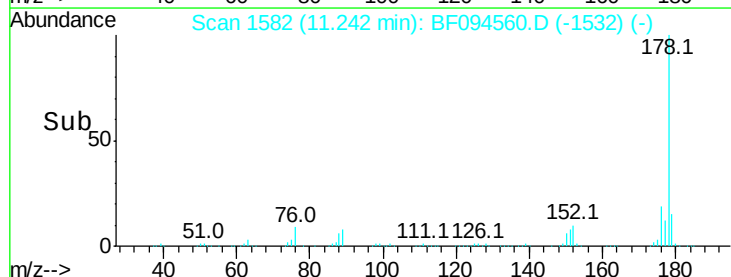
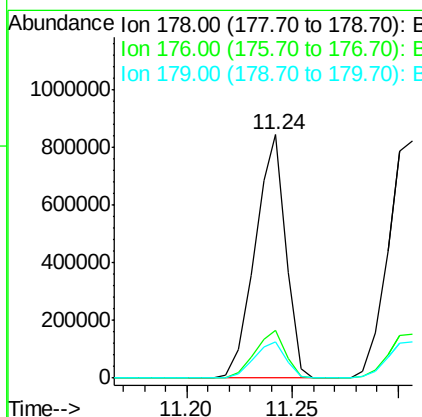
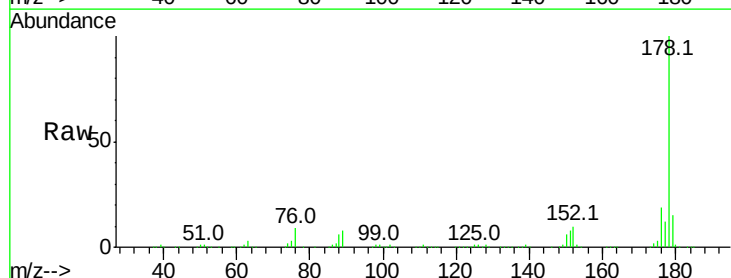
Instrument :
 BNA_F
 ClientSampleId :

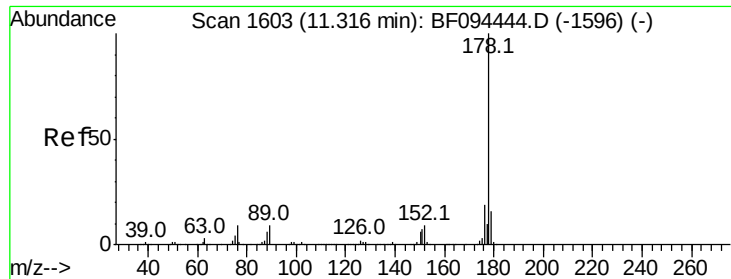
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.0	51.1	76.7
264	64.0	51.7	77.5



#70
 Phenanthrene
 Concen: 45.29 ng
 RT: 11.24 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.0	12.6	19.0

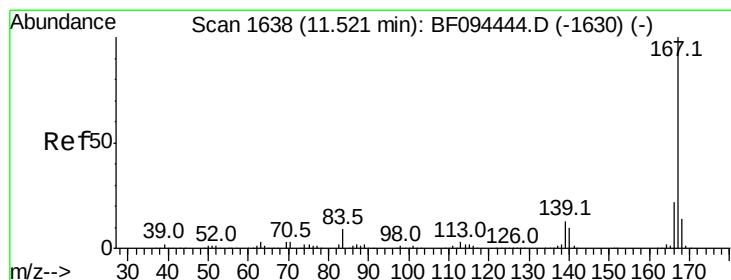
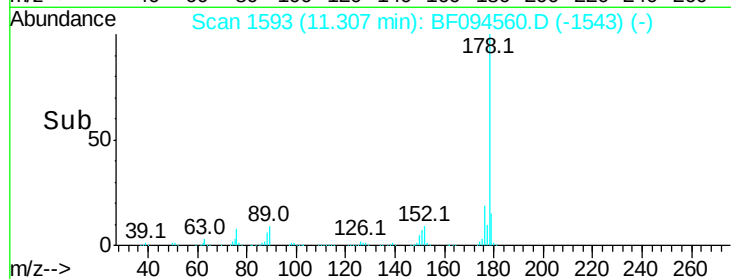
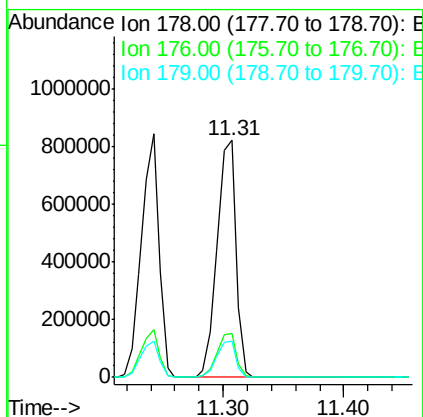
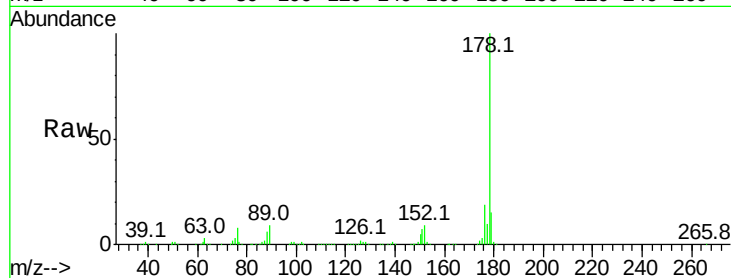




#71
 Anthracene
 Concen: 45.58 ng
 RT: 11.31 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

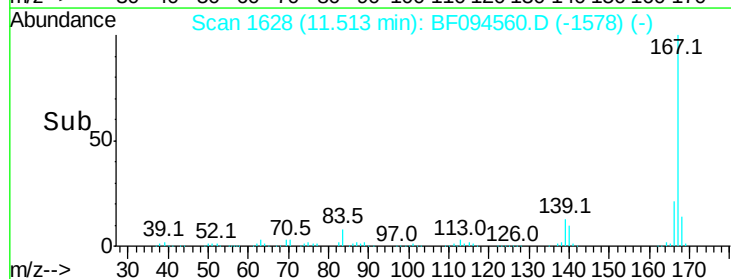
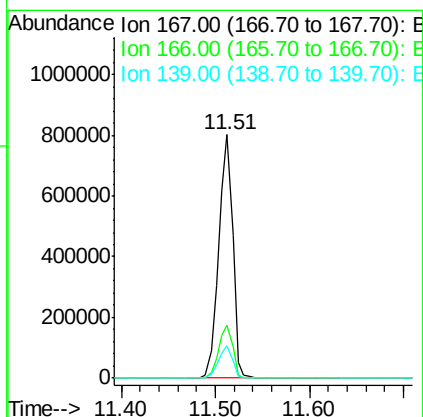
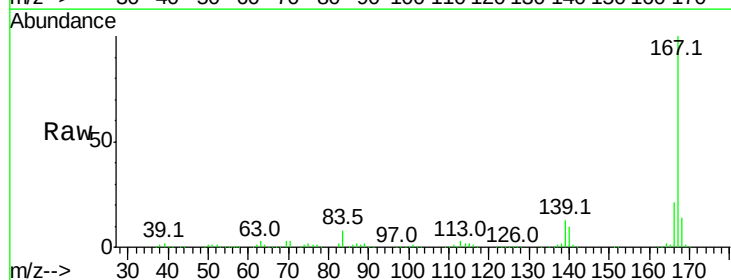
Instrument :
 BNA_F
 ClientSampleId :

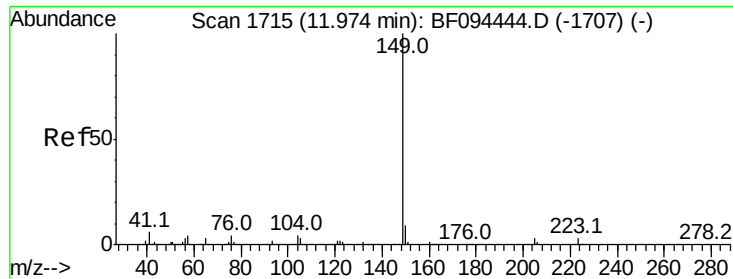
Tot Ion:178 Resp: 879800
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.1 12.7 19.1



#72
 Carbazole
 Concen: 46.34 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion:167 Resp: 839514
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.1 27.1
 139 13.5 11.7 17.5





#73

Di-n-butylphthalate

Concen: 50.49 ng

RT: 11.97 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :

BNA_F

ClientSampleId :

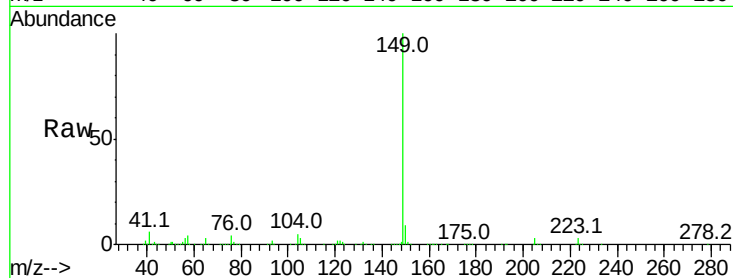
Tot Ion:149 Resp: 1007297

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

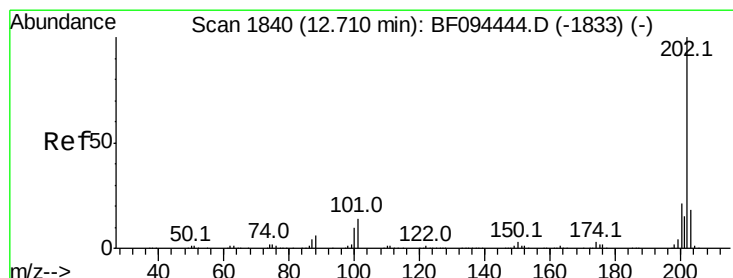
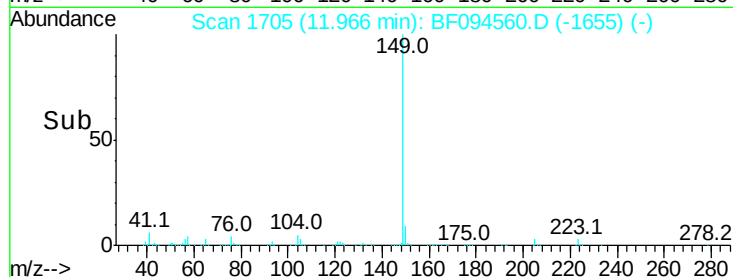
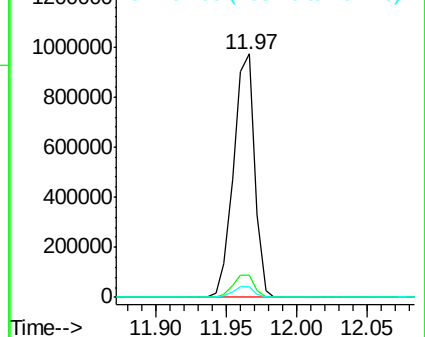
104 4.6 4.0 6.0



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: 46.66 ng

RT: 12.70 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

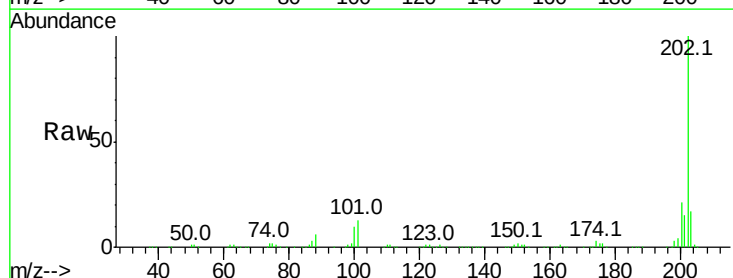
Tgt Ion:202 Resp: 902432

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.2

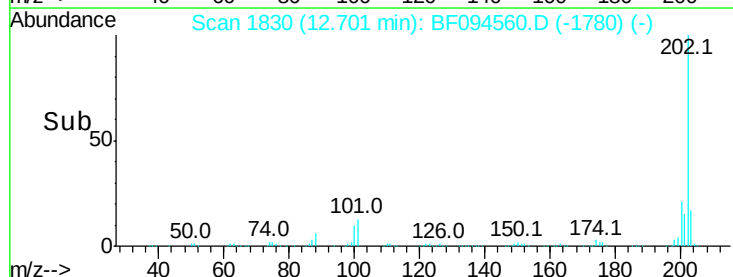
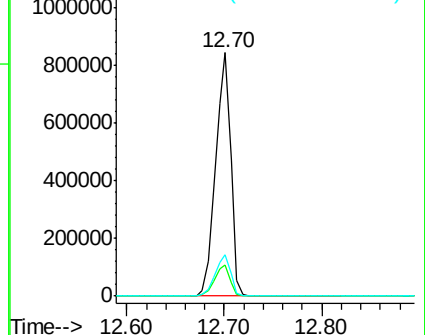
203 17.0 0.0 38.1

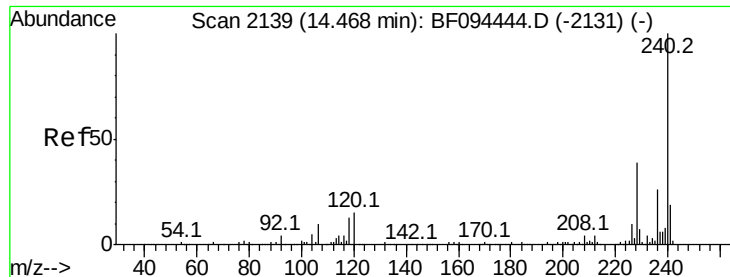


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

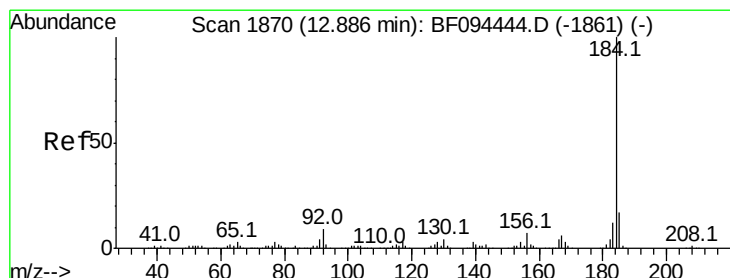
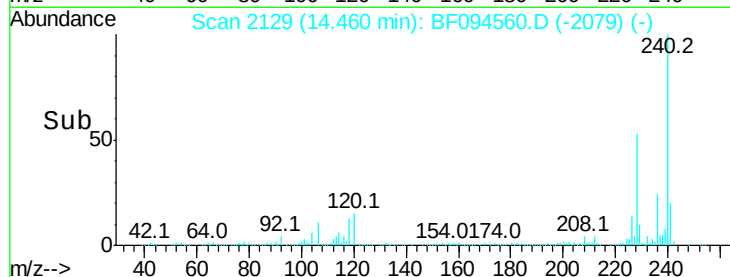
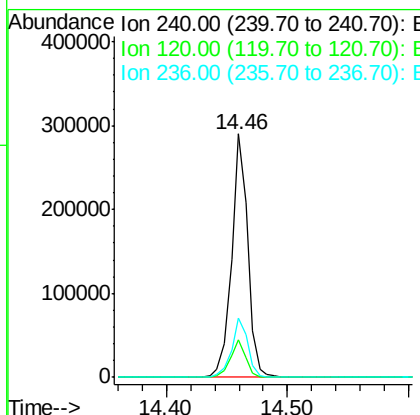
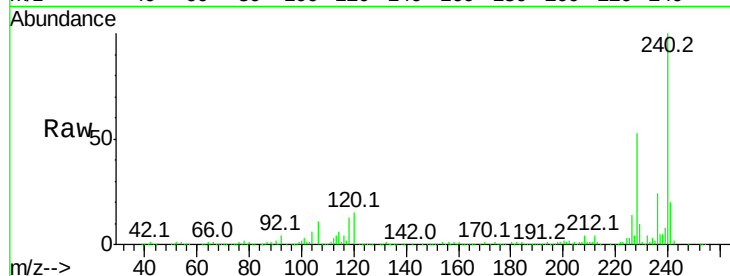




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.46 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

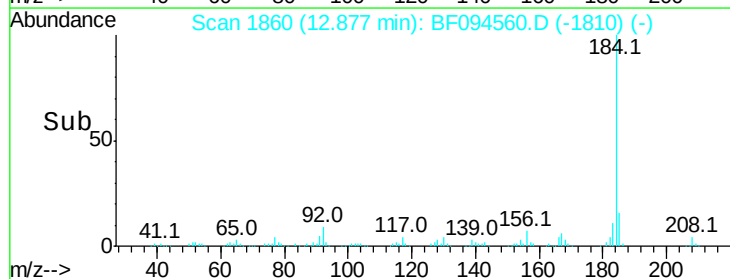
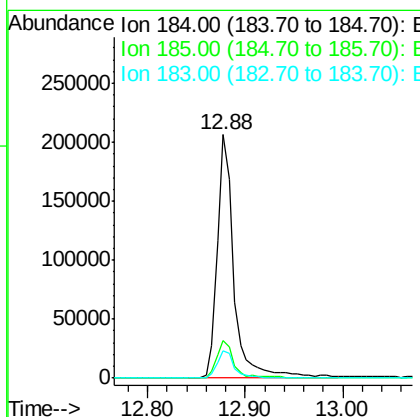
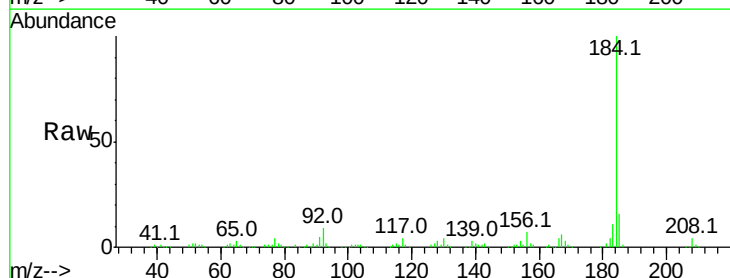
Instrument :
 BNA_F
 ClientSampleId :

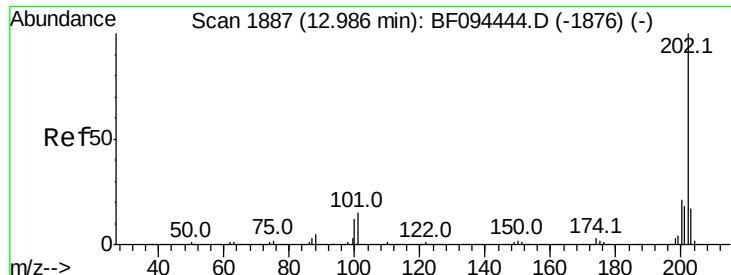
Tot Ion:240 Resp: 269838
 Ion Ratio Lower Upper
 240 100
 120 15.4 5.8 8.8#
 236 24.3 20.5 30.7



#76
 Benzidine
 Concen: 22.67 ng
 RT: 12.88 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion:184 Resp: 247658
 Ion Ratio Lower Upper
 184 100
 185 15.5 15.5 23.3#
 183 11.2 9.8 14.6

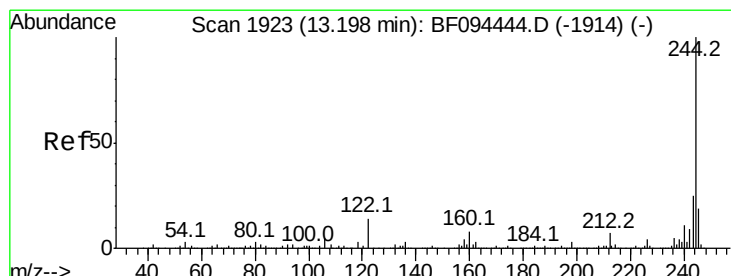
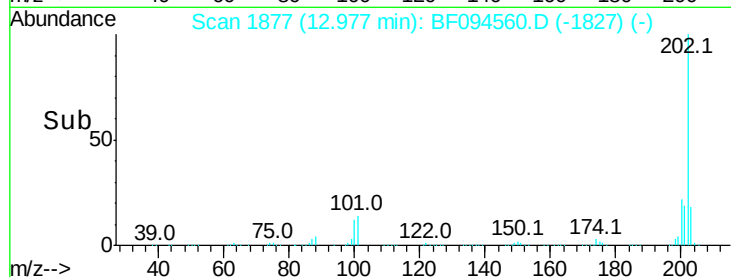
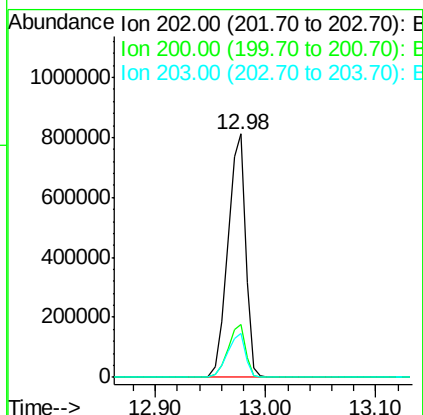
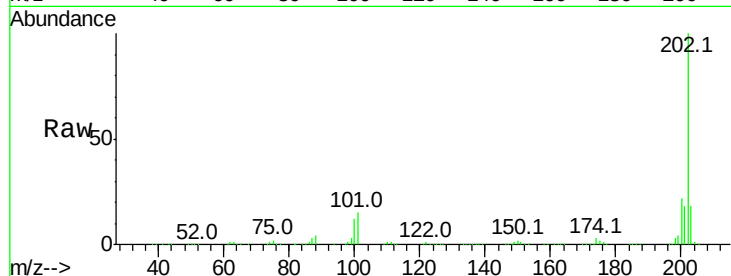




#77
Pvrene
Concen: 48.50 ng
RT: 12.98 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

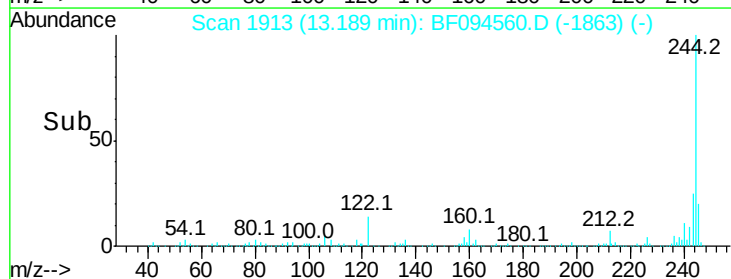
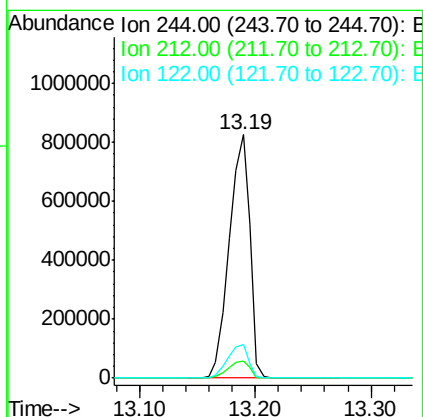
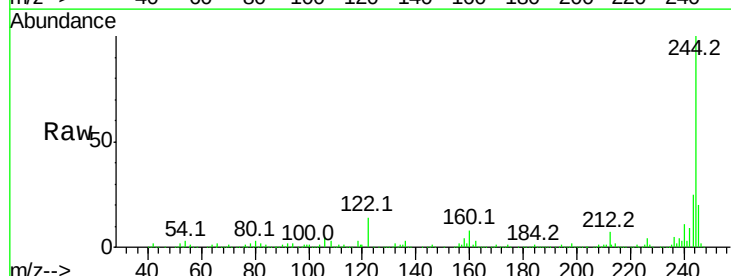
Instrument :
BNA_F
ClientSampled :

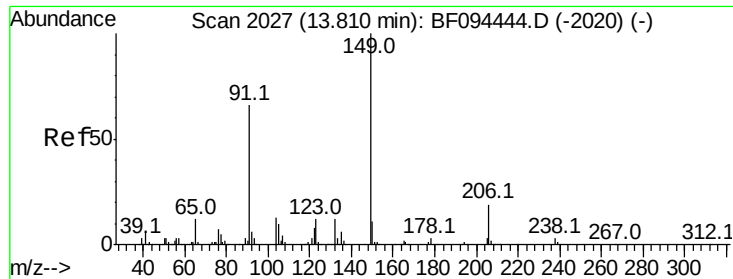
Tot Ion:202 Resp: 914347
Ion Ratio Lower Upper
202 100
200 21.9 17.6 26.4
203 17.8 14.4 21.6



#78
Terphenyl-d14
Concen: 100.75 ng
RT: 13.19 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion:244 Resp: 1017115
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 14.1 10.3 15.5

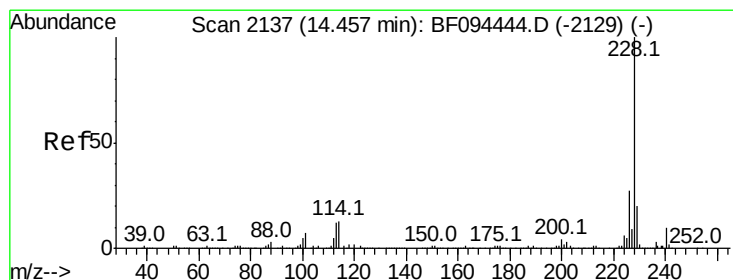
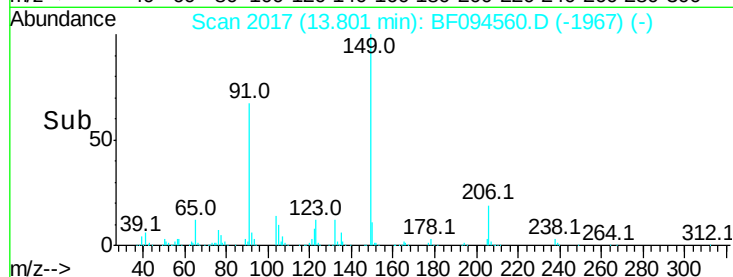
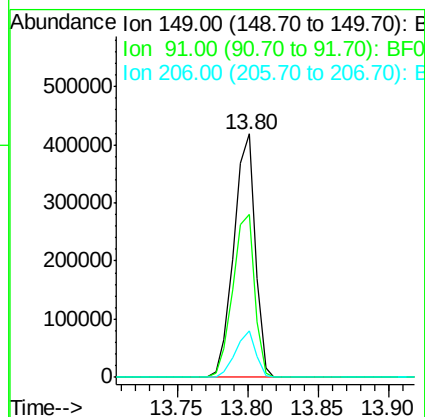
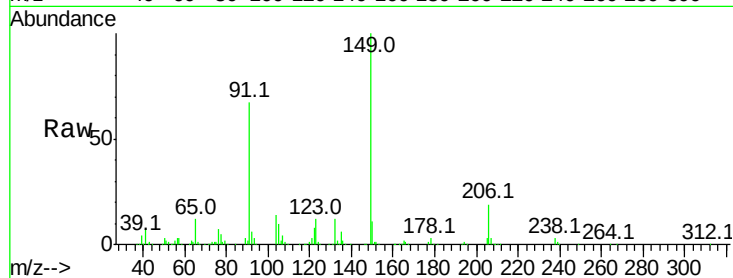




#79
Butylbenzylphthalate
Concen: 53.61 ng
RT: 13.80 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

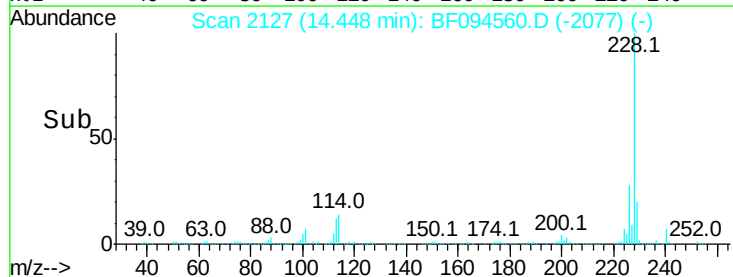
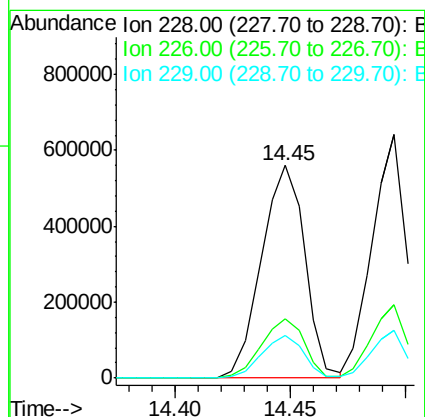
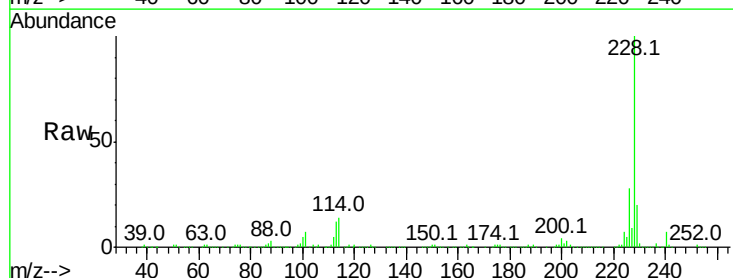
Instrument :
BNA_F
ClientSampled :

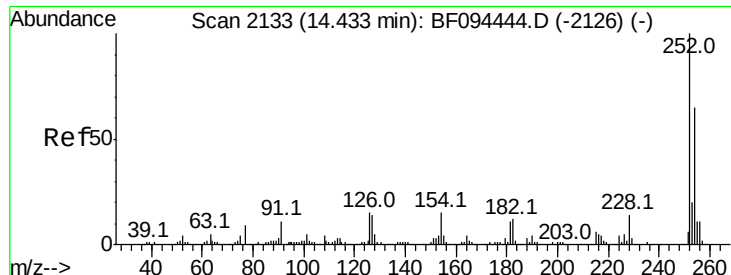
Tot Ion:149 Resp: 442916
Ion Ratio Lower Upper
149 100
91 67.0 45.0 67.4
206 19.2 17.0 25.6



#80
Benzo(a)anthracene
Concen: 46.51 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion:228 Resp: 729401
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.8 16.3 24.5

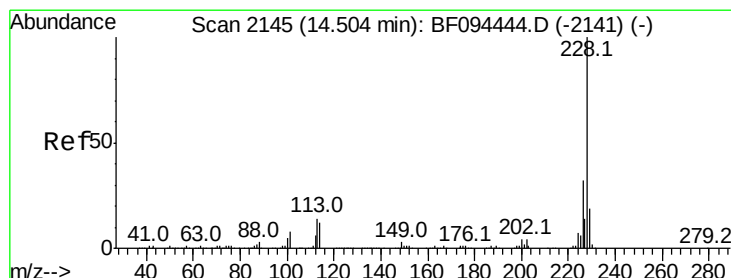
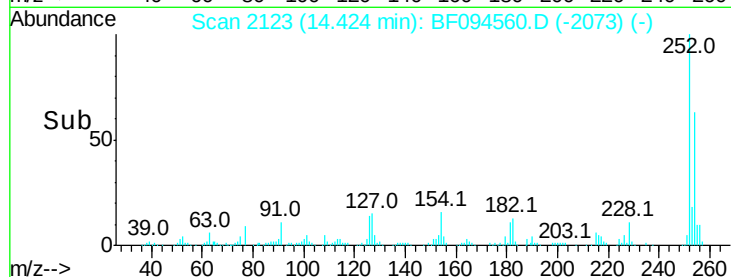
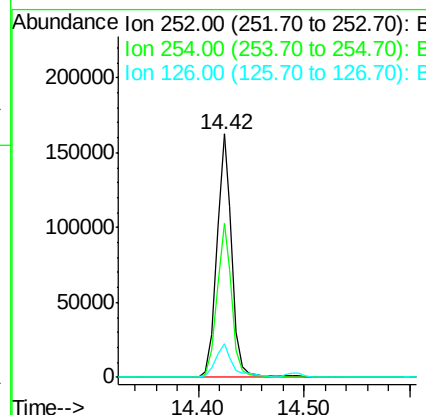
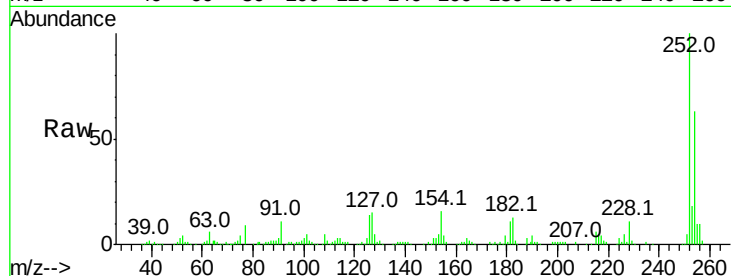




#81
 3,3'-Dichlorobenzidine
 Concen: 29.41 ng
 RT: 14.42 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

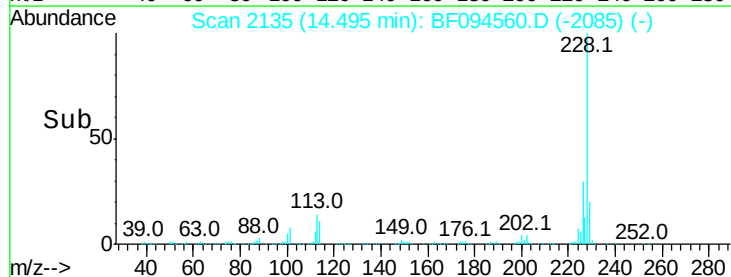
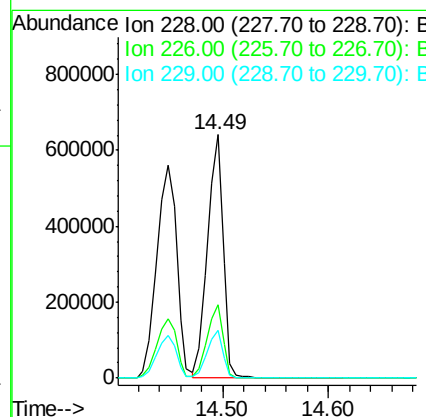
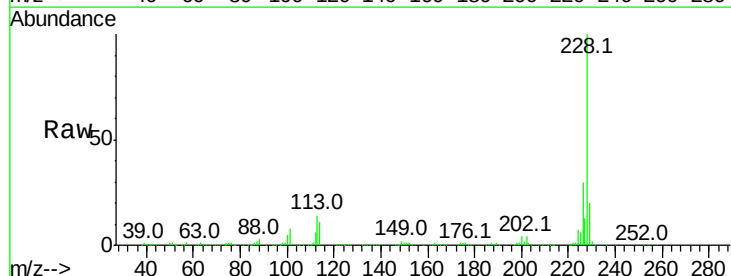
Instrument :
 BNA_F
 ClientSampleId :

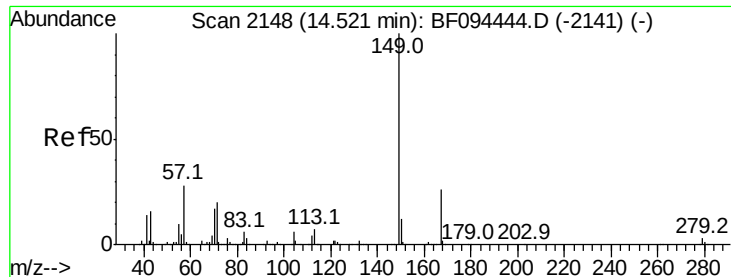
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.5	77.3
126	13.9	15.8	23.8



#82
 Chrysene
 Concen: 46.02 ng
 RT: 14.49 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	19.6	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.92 ng

RT: 14.52 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :

BNA_F

ClientSampleId :

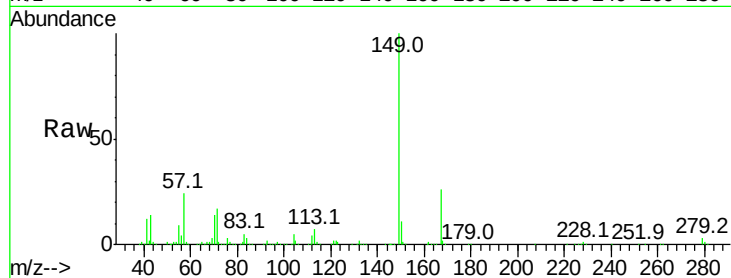
Tot Ion:149 Resp: 631410

Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.4

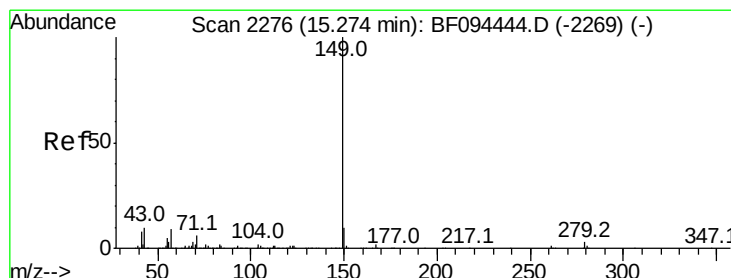
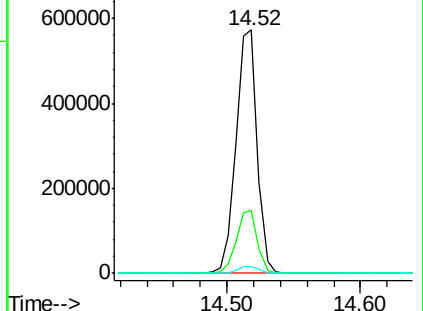
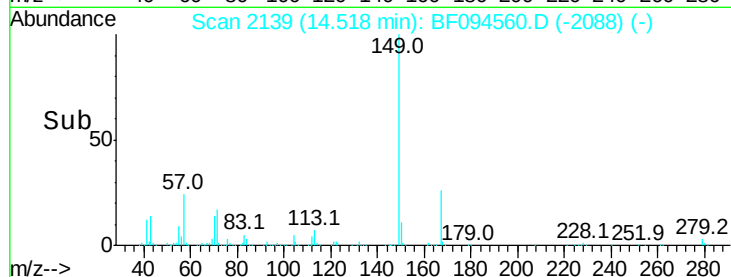
279 3.0 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 52.76 ng

RT: 15.27 min Scan# 2267

Delta R.T. -0.00 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

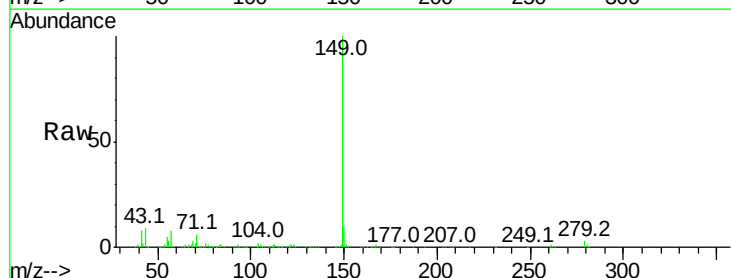
Tgt Ion:149 Resp: 981657

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

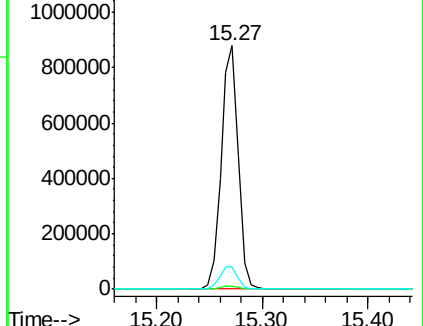
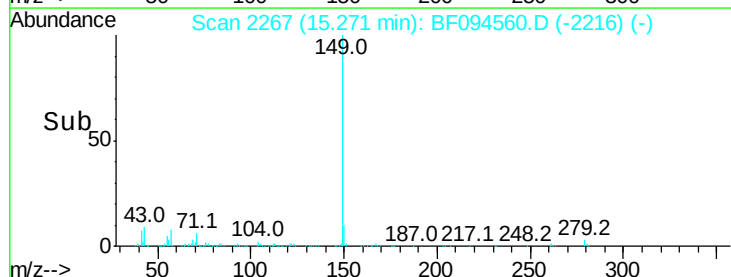
43 9.6 8.5 12.7

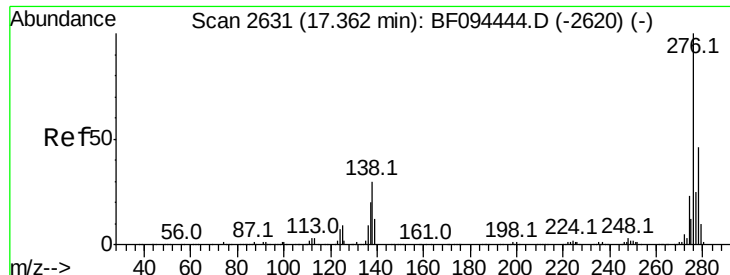


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

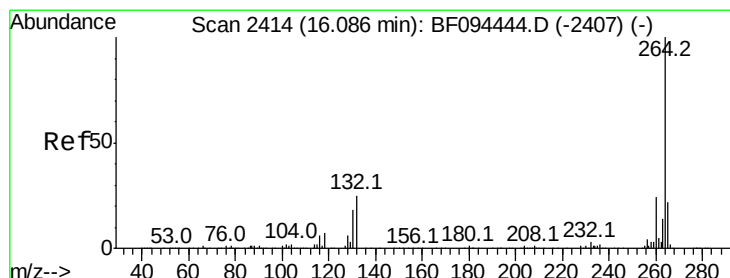
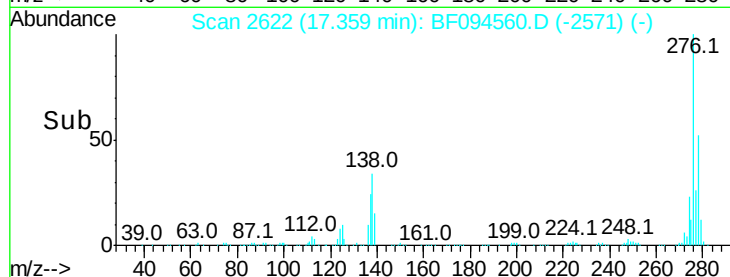
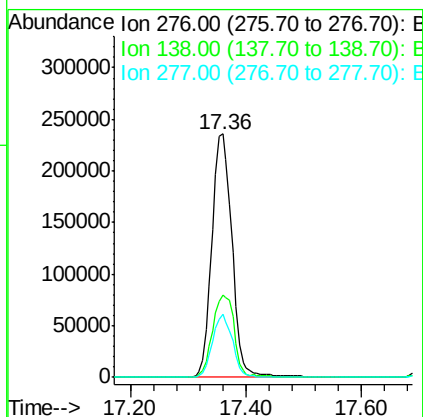
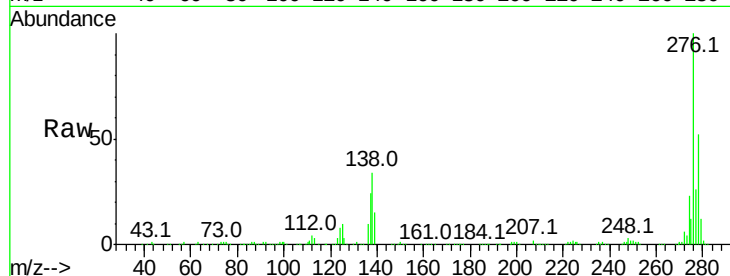




#85
Indeno(1,2,3-cd)pyrene
Concen: 42.43 ng
RT: 17.36 min Scan# 2622
Delta R.T. -0.00 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

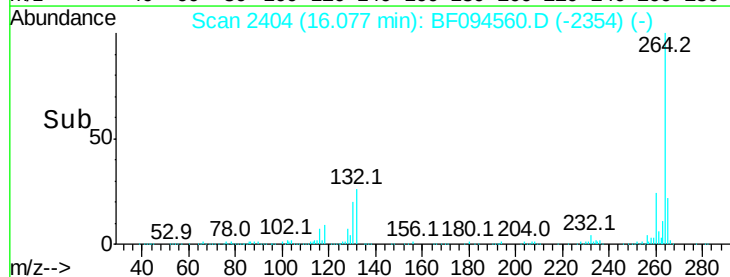
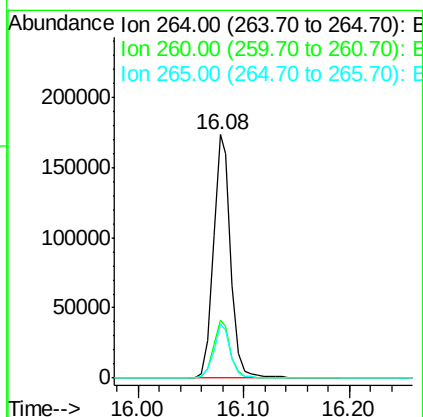
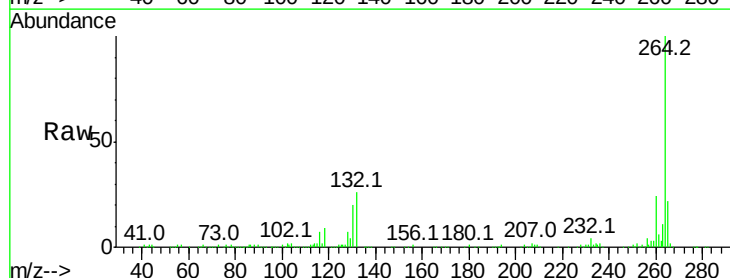
Instrument :
BNA_F
ClientSampleId :

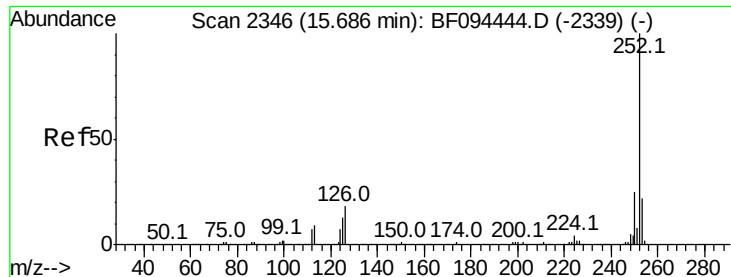
Tot Ion:276 Resp: 578731
Ion Ratio Lower Upper
276 100
138 36.5 27.8 41.6
277 25.4 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion:264 Resp: 199850
Ion Ratio Lower Upper
264 100
260 23.6 19.5 29.3
265 22.3 17.2 25.8

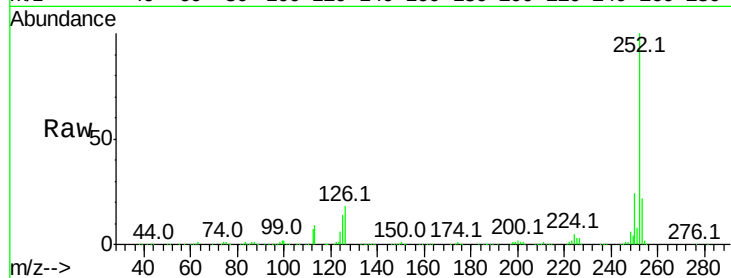




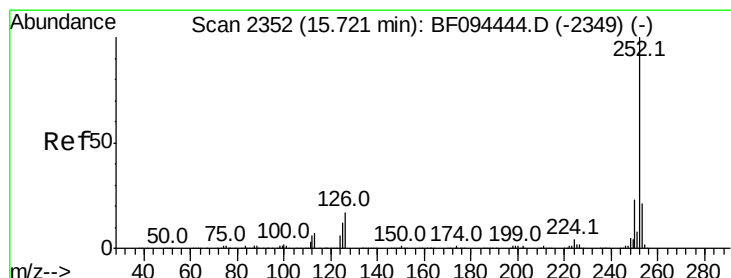
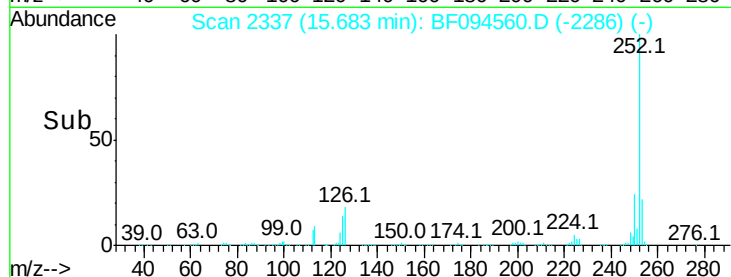
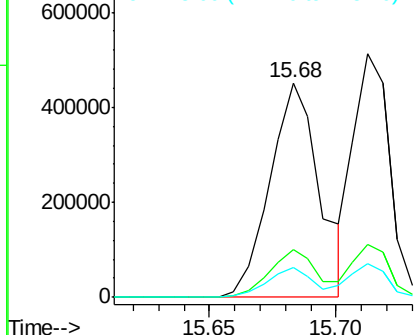
#87
Benzo(b)fluoranthene
Concen: 50.34 ng
RT: 15.68 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 615424
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 14.0 9.8 14.8

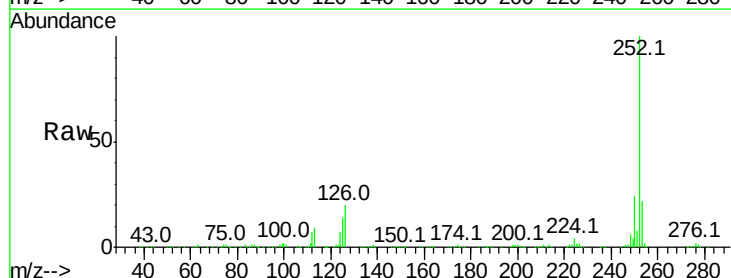


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

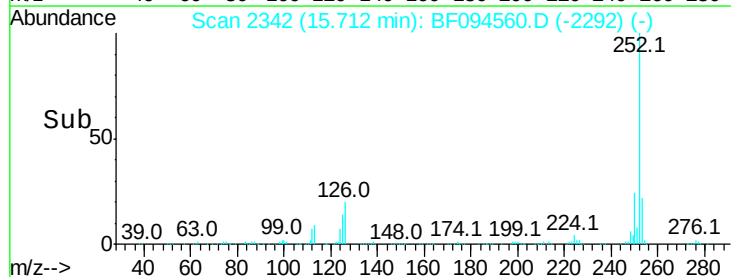
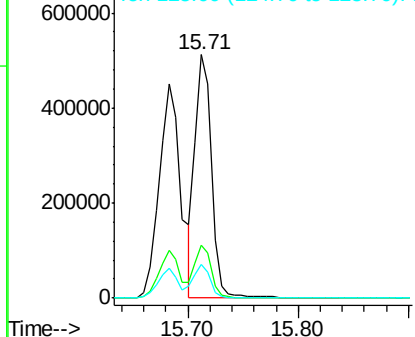


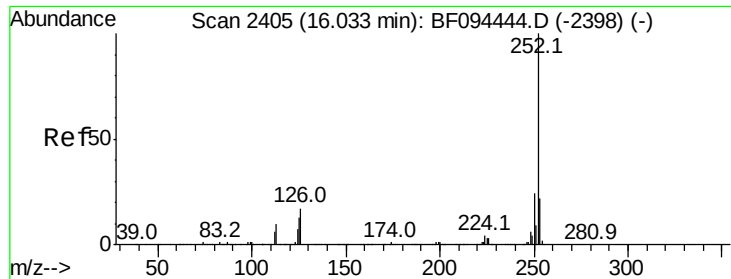
#88
Benzo(k)fluoranthene
Concen: 45.03 ng
RT: 15.71 min Scan# 2342
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion:252 Resp: 521009
Ion Ratio Lower Upper
252 100
253 21.8 18.4 27.6
125 14.0 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: 46.97 ng

RT: 16.02 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :

BNA_F

ClientSampleId :

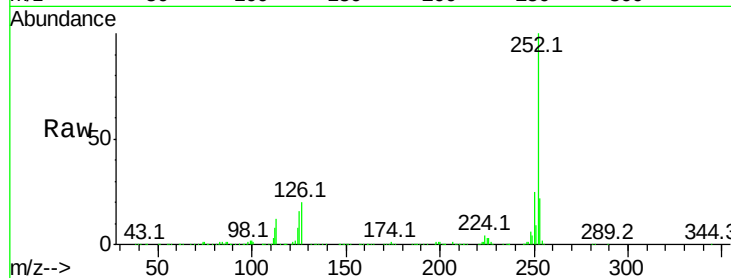
Tot Ion:252 Resp: 534256

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

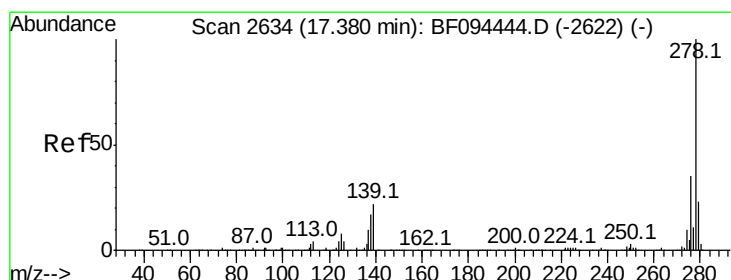
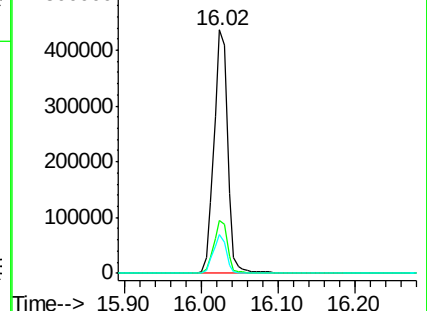
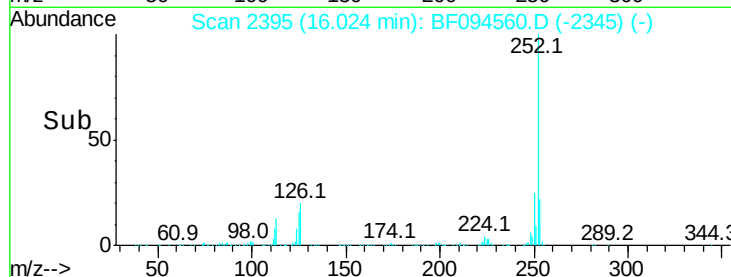
125 15.8 11.0 16.4



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: 50.80 ng

RT: 17.38 min Scan# 2625

Delta R.T. -0.00 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

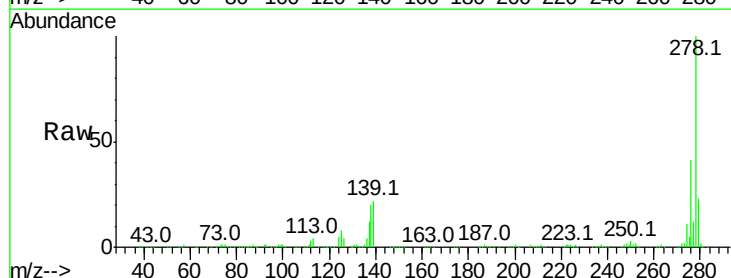
Tgt Ion:278 Resp: 479751

Ion Ratio Lower Upper

278 100

139 22.4 16.6 24.8

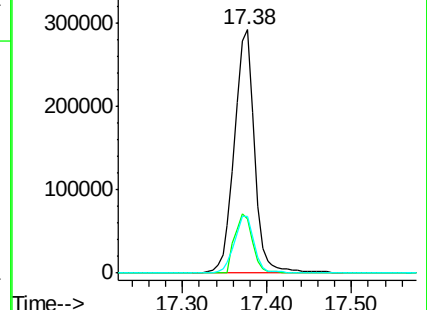
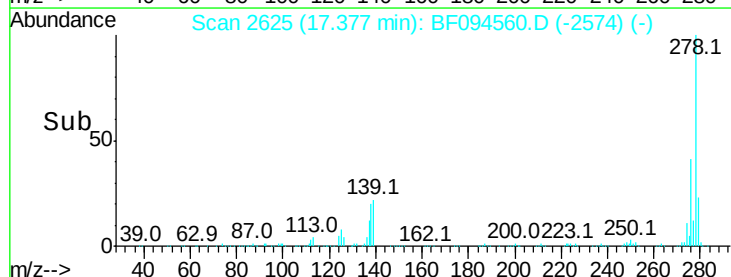
279 23.2 19.3 28.9

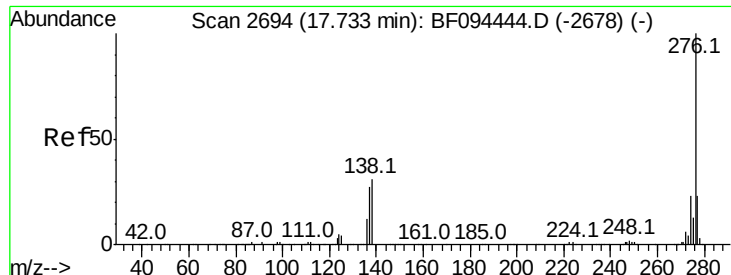


Abundance Ion 278.00 (277.70 to 278.70): E

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: 50.99 ng

RT: 17.73 min Scan# 2685

Delta R.T. -0.00 min

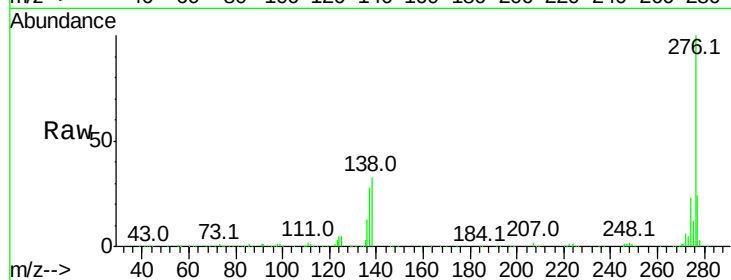
Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :

BNA_F

ClientSampleId :



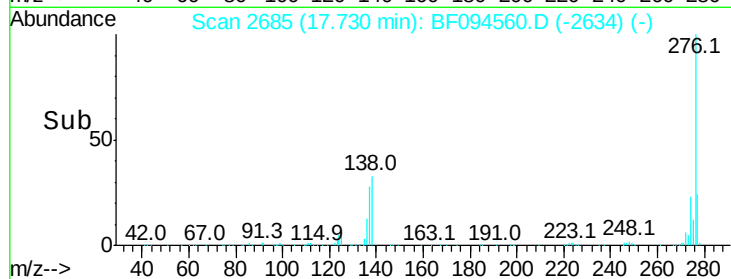
Tot Ion:276 Resp: 490297

Ion Ratio Lower Upper

276 100

277 24.4 18.6 28.0

138 32.9 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

