

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041917\
 Data File : BF094514.D
 Acq On : 19 Apr 2017 14:26
 Operator : SJ/MA
 Sample : PB98329BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 03:04:03 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	5.77	152	116947	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	483679	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	217286	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	412764	20.00	ng	0.00
75) Chrysene-d12	14.47	240	318224	20.00	ng	0.00
86) Perylene-d12	16.08	264	251467	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	113994	16.17	ng	0.00
7) Phenol-d6	5.39	99	573227	68.98	ng	0.00
23) Nitrobenzene-d5	6.41	82	353137	45.08	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	255041	150.06	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1163109	78.76	ng	0.00
78) Terphenyl-d14	13.20	244	1282954	107.76	ng	0.00

Target Compounds						Qvalue
3) Pyridine	2.65	79	30195	3.37	ng	98
4) n-Nitrosodimethylamine	2.57	42	8300	2.24	ng	# 92
6) Aniline	5.39	93	260401	23.58	ng	91
8) 2-Chlorophenol	5.54	128	93317	11.63	ng	93
10) Phenol	5.41	94	224312	21.97	ng	89
11) bis(2-Chloroethyl)ether	5.47	93	56364	7.56	ng	96
13) 1,4-Dichlorobenzene	5.78	146	20816	2.33	ng	95
14) 1,2-Dichlorobenzene	5.96	146	32128	3.90	ng	97
15) Benzyl Alcohol	5.94	79	202627	32.87	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.10	45	98988	10.12	ng	# 4
17) 2-Methylphenol	6.09	107	174245	27.58	ng	97
18) Hexachloroethane	6.35	117	7215	2.35	ng	# 85
19) n-Nitroso-di-n-propylamine	6.25	70	184685	33.54	ng	95
20) 3+4-Methylphenols	6.27	107	293986	34.25	ng	# 62
22) Acetophenone	6.24	105	294051	25.00	ng	# 85
24) Nitrobenzene	6.44	77	174224	21.12	ng	94
25) Isophorone	6.73	82	545030	37.54	ng	95
26) 2-Nitrophenol	6.81	139	116636	26.32	ng	97
27) 2,4-Dimethylphenol	6.89	122	259529	36.05	ng	99
28) bis(2-Chloroethoxy)methane	6.99	93	284493	30.29	ng	99
29) 2,4-Dichlorophenol	7.12	162	247005	36.89	ng	97
30) 1,2,4-Trichlorobenzene	7.20	180	131255	18.96	ng	100
31) Naphthalene	7.29	128	534977	23.01	ng	99
32) Benzoic acid	7.06	122	128468	33.75	ng	94
33) 4-Chloroaniline	7.37	127	386810	39.99	ng	94
34) Hexachlorobutadiene	7.45	225	39753	11.52	ng	98
35) Caprolactam	7.83	113	49418	23.49	ng	94
36) 4-Chloro-3-methylphenol	7.99	107	297985	42.46	ng	89
37) 2-Methylnaphthalene	8.13	142	552285	34.72	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	221821	35.85	ng	99
40) Hexachlorocyclopentadiene	8.32	237	152650	60.99	ng	100
42) 2,4,6-Trichlorophenol	8.49	196	190046	43.74	ng	98
43) 2,4,5-Trichlorophenol	8.55	196	203134	45.52	ng	95
45) 1,1'-Biphenyl	8.71	154	700637	39.47	ng	99

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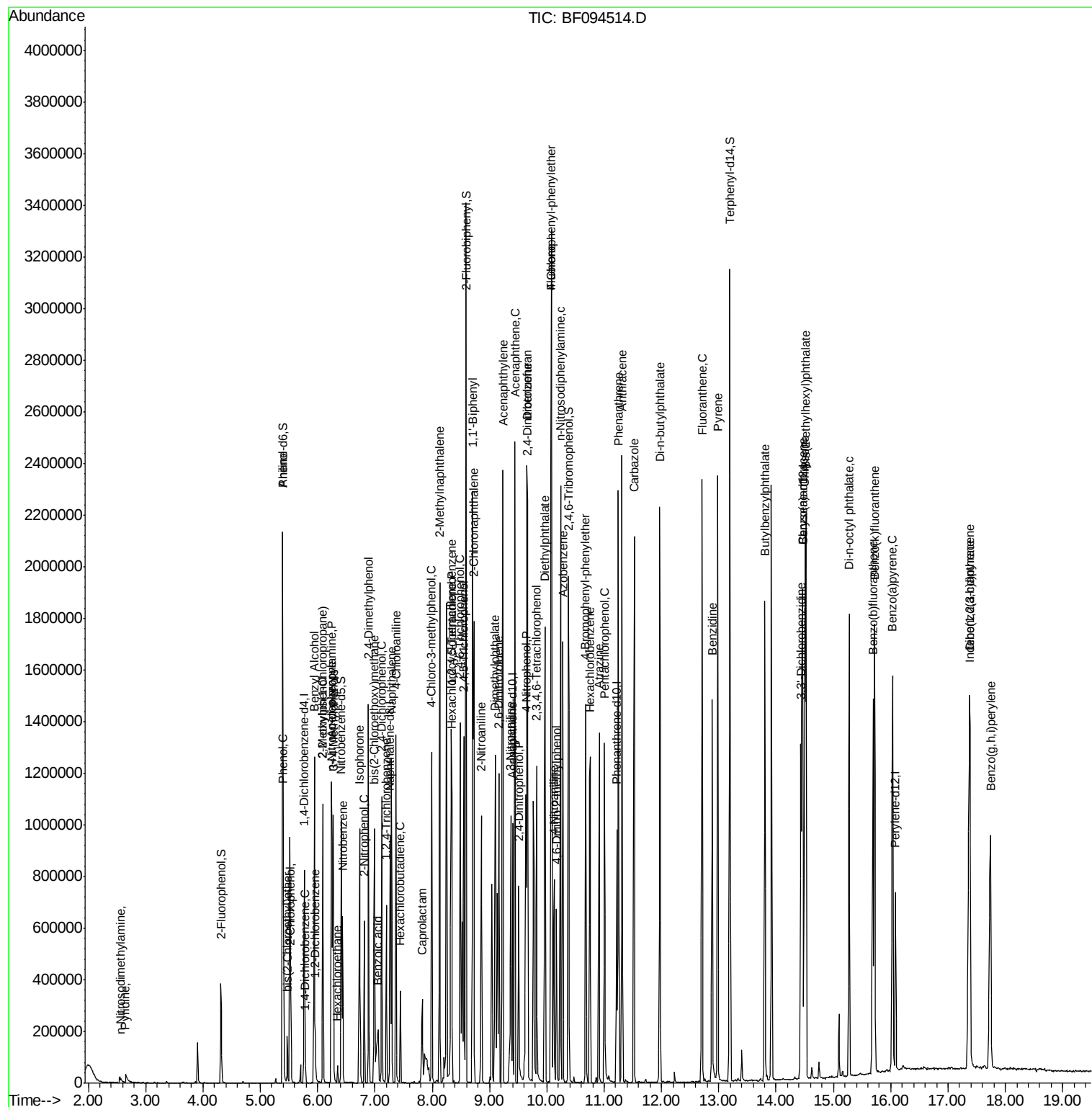
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	8.72	162	555082	39.32	nq	95
47) 2-Nitroaniline	8.86	65	188564	46.44	nq	# 83
48) Acenaphthylene	9.23	152	916937	41.67	nq	99
49) Dimethylphthalate	9.11	163	771400	47.64	nq	98
50) 2,6-Dinitrotoluene	9.17	165	173027	47.61	nq	# 89
51) Acenaphthene	9.44	154	557402	42.29	nq	99
52) 3-Nitroaniline	9.37	138	195745	46.55	nq	86
53) 2,4-Dinitrophenol	9.51	184	122924	63.60	nq	# 71
54) Dibenzofuran	9.65	168	847244	44.23	nq	100
55) 4-Nitrophenol	9.64	139	277762	93.50	nq	# 80
56) 2,4-Dinitrotoluene	9.67	165	224061	50.24	nq	91
57) Fluorene	10.08	166	671132	44.99	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	159693	49.93	nq	95
59) Diethylphthalate	9.97	149	745441	48.79	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	289043	46.56	nq	91
61) 4-Nitroaniline	10.12	138	198930	46.53	nq	97
62) Azobenzene	10.28	77	703377	47.41	nq	97
64) 4,6-Dinitro-2-methylphenol	10.17	198	102551	37.92	nq	# 62
65) n-Nitrosodiphenylamine	10.24	169	635384	44.26	nq	98
66) 4-Bromophenyl-phenylether	10.68	248	183187	44.69	nq	95
67) Hexachlorobenzene	10.75	284	183847	44.51	nq	# 90
68) Atrazine	10.91	200	188423	43.88	nq	98
69) Pentachlorophenol	11.01	266	160874	98.09	nq	99
70) Phenanthrene	11.25	178	1050389	45.19	nq	98
71) Anthracene	11.31	178	1100064	45.75	nq	99
72) Carbazole	11.52	167	1072976	47.55	nq	98
73) Di-n-butylphthalate	11.97	149	1298984	52.28	nq	99
74) Fluoranthene	12.71	202	1135512	47.14	nq	98
76) Benzidine	12.88	184	669544	51.96	nq	# 92
77) Pyrene	12.98	202	1142705	51.40	nq	99
79) Butylbenzylphthalate	13.81	149	537431	55.16	nq	88
80) Benzo(a)anthracene	14.45	228	875723	47.35	nq	99
81) 3,3'-Dichlorobenzidine	14.43	252	274036	41.85	nq	# 97
82) Chrysene	14.50	228	786041	46.50	nq	100
83) Bis(2-ethylhexyl)phthalate	14.52	149	725917	55.49	nq	# 99
84) Di-n-octyl phthalate	15.28	149	1075101	48.99	nq	98
85) Indeno(1,2,3-cd)pyrene	17.37	276	761004	47.31	nq	99
87) Benzo(b)fluoranthene	15.69	252	702538	45.67	nq	98
88) Benzo(k)fluoranthene	15.72	252	693227	47.62	nq	95
89) Benzo(a)pyrene	16.03	252	676761	47.29	nq	97
90) Dibenzo(a,h)anthracene	17.38	278	634578	53.40	nq	98
91) Benzo(g,h,i)perylene	17.74	276	663922	54.88	nq	97

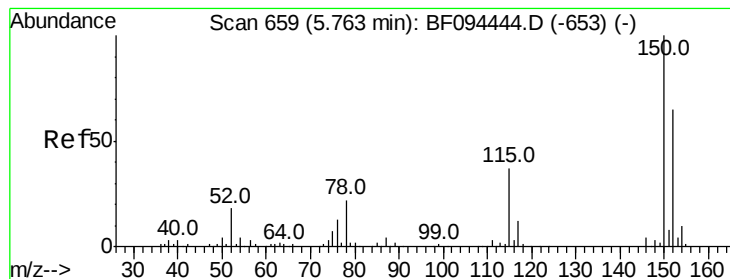
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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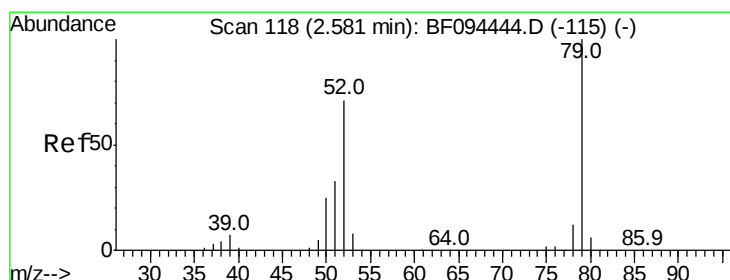
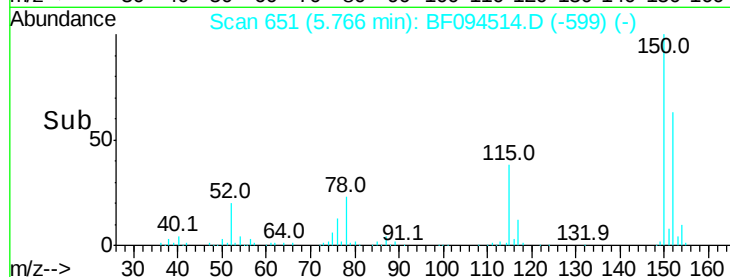
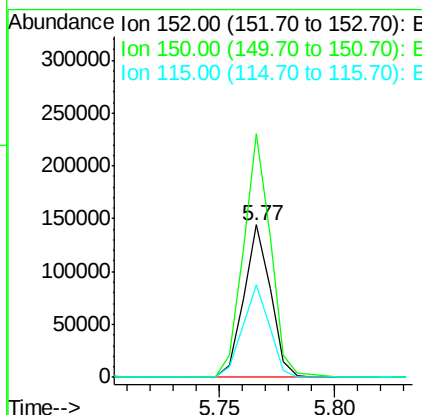
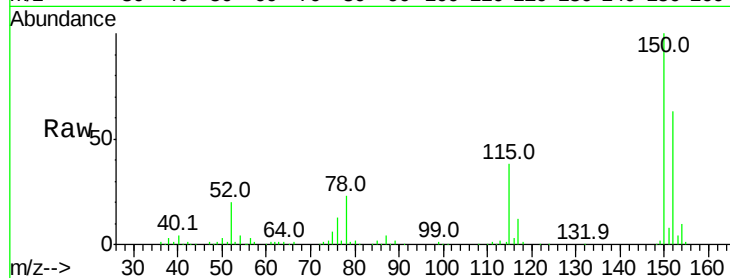


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

Instrument :
BNA_F
ClientSampleId :

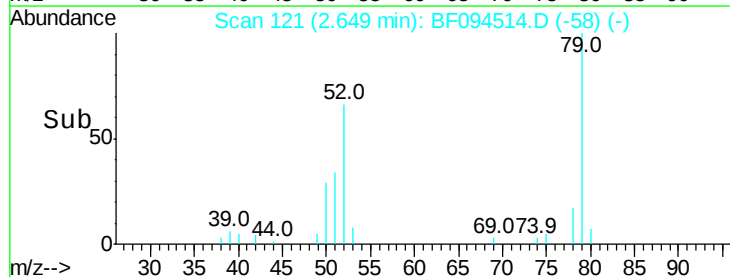
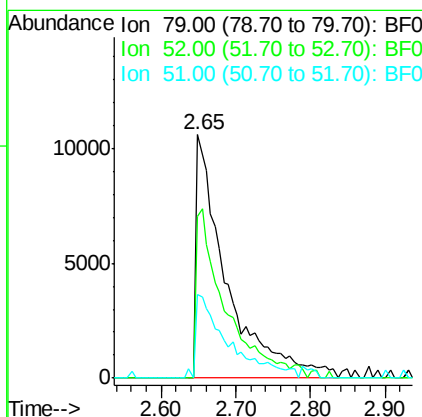
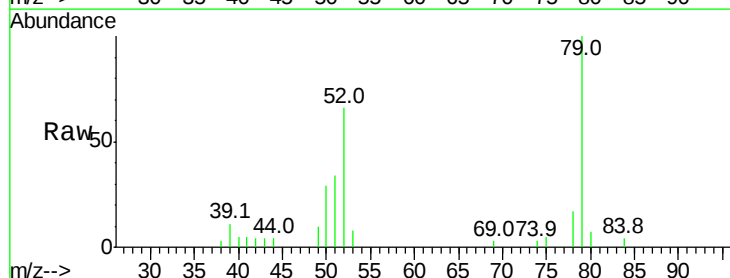
Tot Ion:152 Resp: 116947
Ion Ratio Lower Upper
152 100
150 160.0 126.2 189.2
115 60.7 52.2 78.2

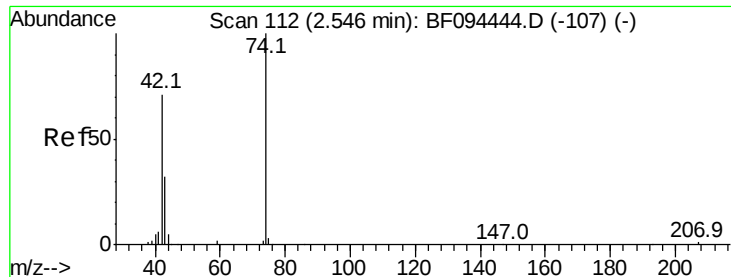


#3

Pyridine
Concen: 3.37 ng
RT: 2.65 min Scan# 121
Delta R.T. 0.07 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

Tgt Ion: 79 Resp: 30195
Ion Ratio Lower Upper
79 100
52 66.2 54.8 82.2
51 34.1 27.0 40.4





#4

n-Nitrosodimethylamine

Concen: 2.24 ng

RT: 2.57 min Scan# 108

Delta R.T. 0.03 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

Instrument :

BNA_F

ClientSampleId :

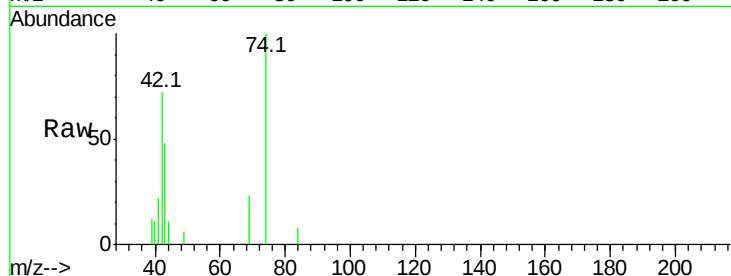
Tot Ion: 42 Resp: 8300

Ion Ratio Lower Upper

42 100

74 138.0 103.9 155.9

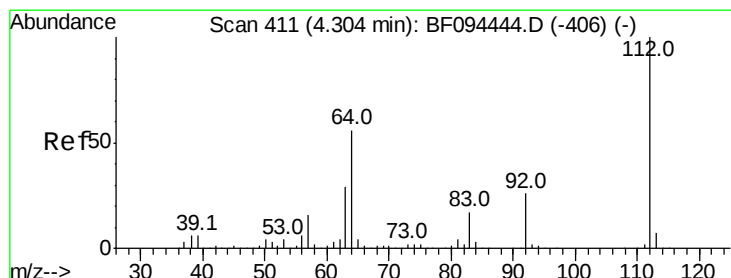
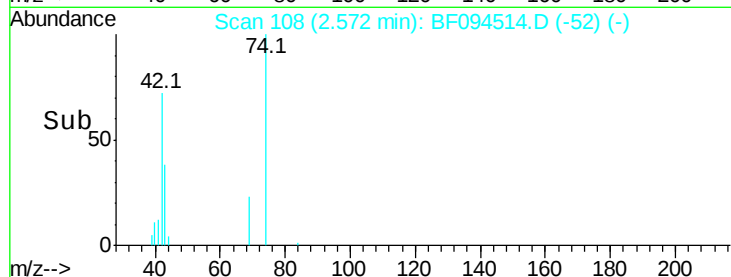
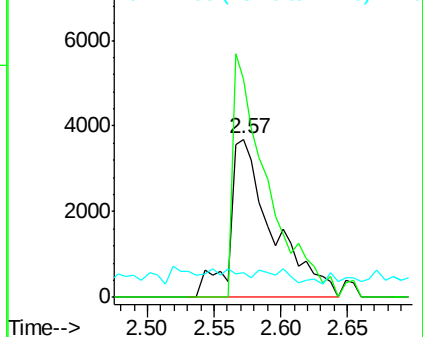
44 15.3 5.7 8.5#



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0



#5

2-Fluorophenol

Concen: 16.17 ng

RT: 4.31 min Scan# 404

Delta R.T. 0.01 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

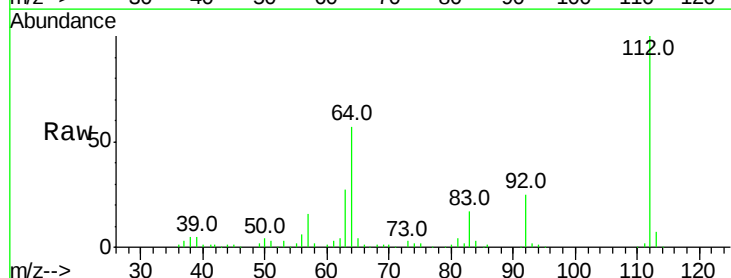
Tgt Ion: 112 Resp: 113994

Ion Ratio Lower Upper

112 100

64 56.6 46.0 69.0

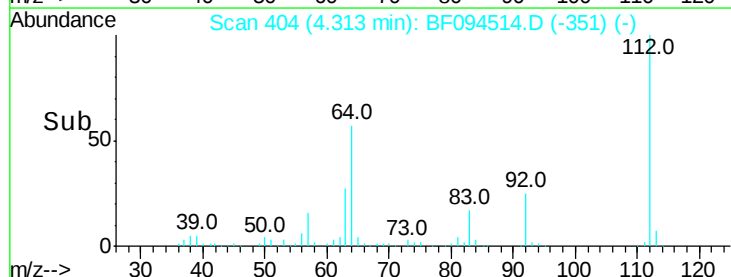
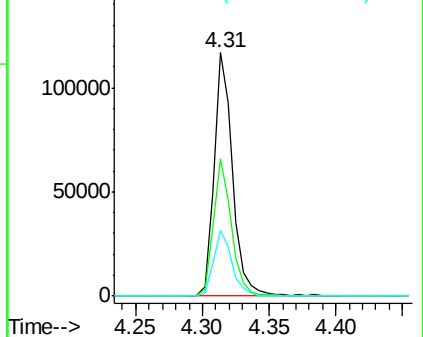
63 26.8 23.4 35.0

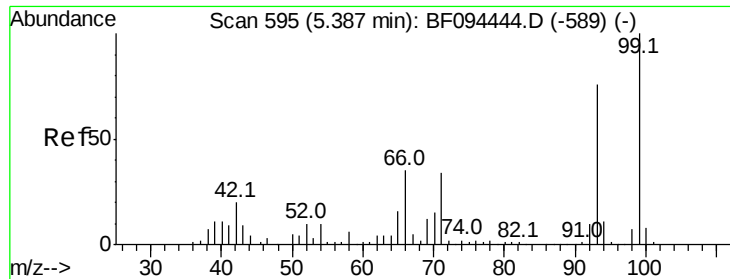


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 23.58 ng

RT: 5.39 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

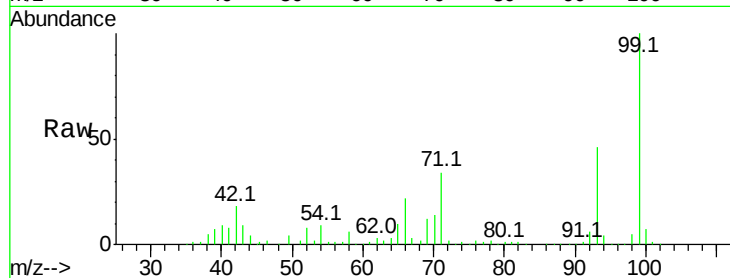
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 93 Resp: 260401

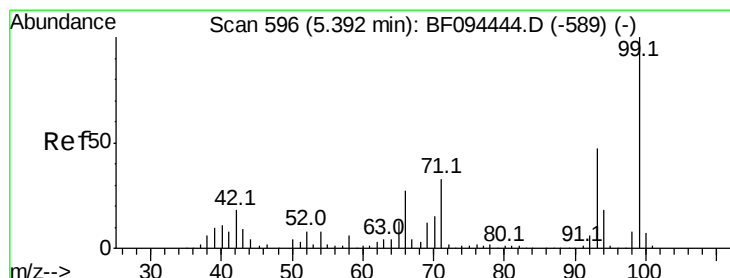
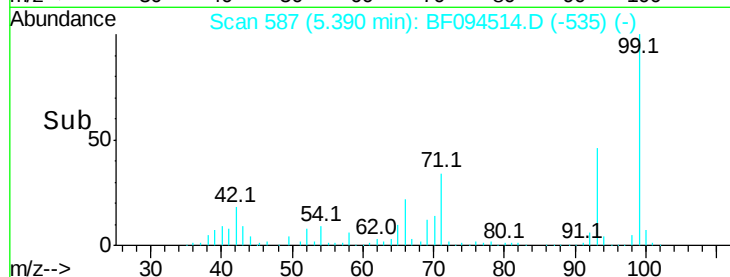
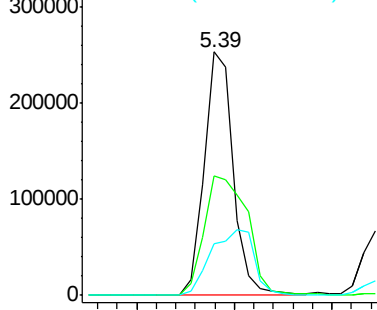
Ion	Ratio	Lower	Upper
93	100		
66	48.8	32.9	49.3
65	21.2	16.0	24.0



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: 68.98 ng

RT: 5.39 min Scan# 587

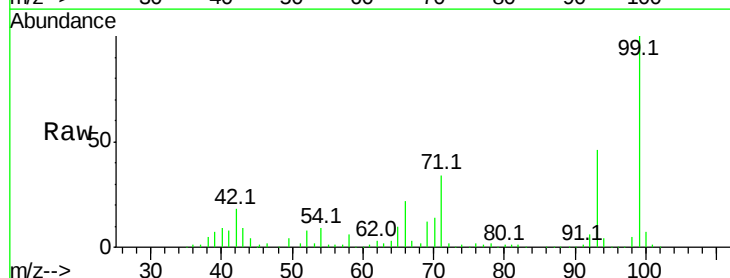
Delta R.T. -0.00 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

Tgt Ion: 99 Resp: 573227

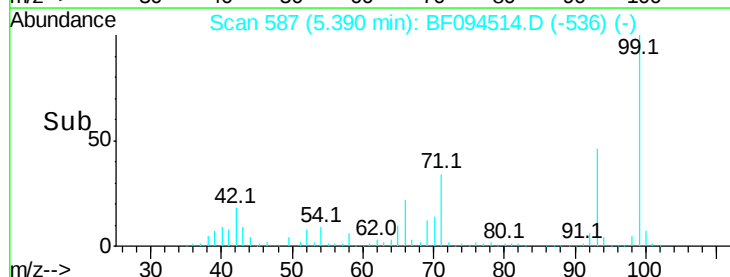
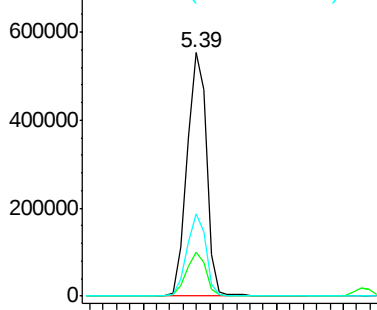
Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.5	20.3
71	33.9	24.5	36.7

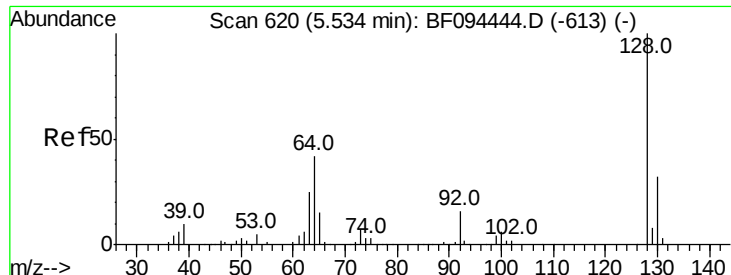


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 11.63 ng

RT: 5.54 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

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ClientSampleId :

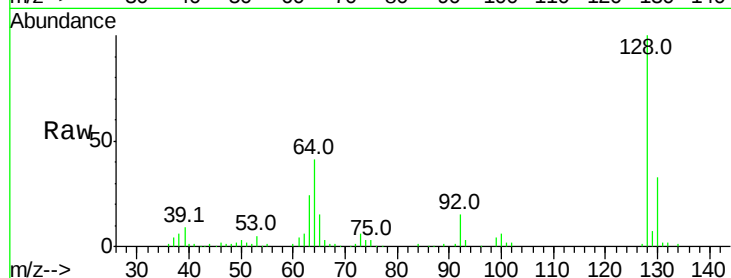
Tot Ion:128 Resp: 93317

Ion Ratio Lower Upper

128 100

130 33.4 12.9 52.9

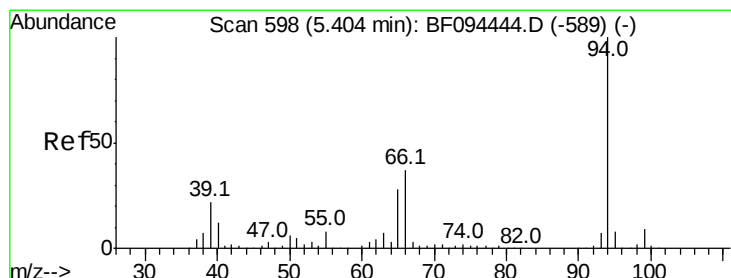
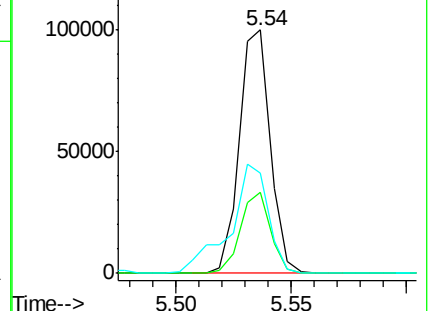
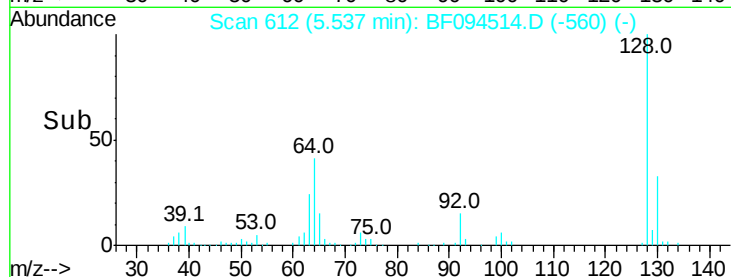
64 41.2 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#10

Phenol

Concen: 21.97 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

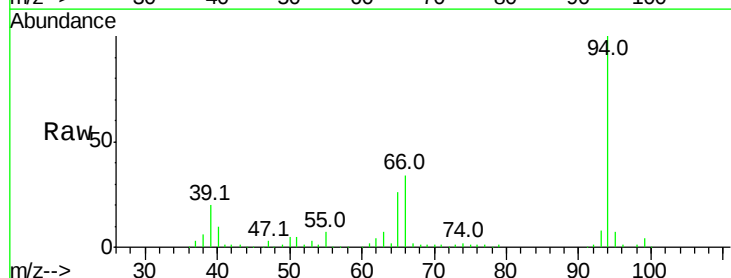
Tgt Ion: 94 Resp: 224312

Ion Ratio Lower Upper

94 100

65 25.9 9.9 49.9

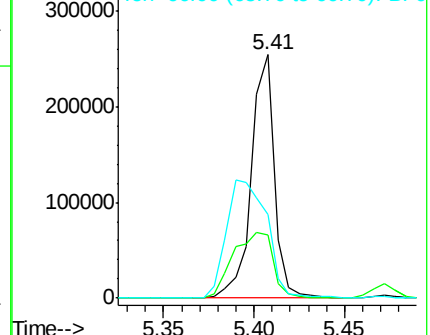
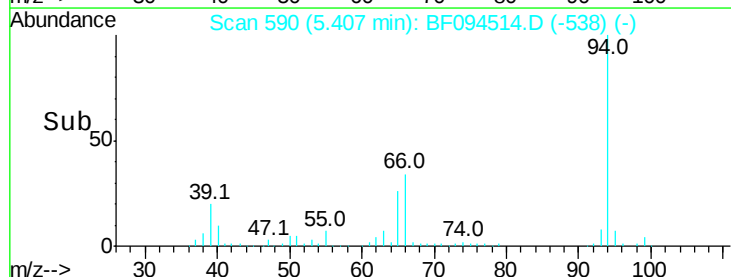
66 34.4 23.1 63.1

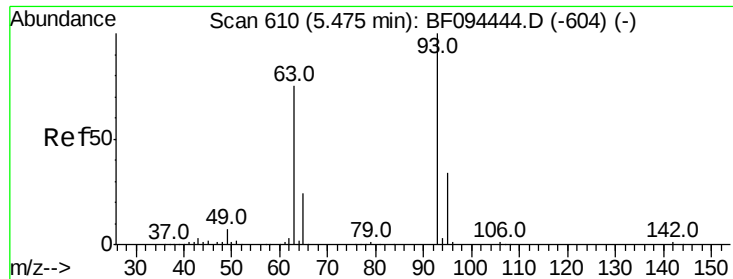


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 7.56 ng

RT: 5.47 min Scan# 601

Delta R.T. -0.00 min

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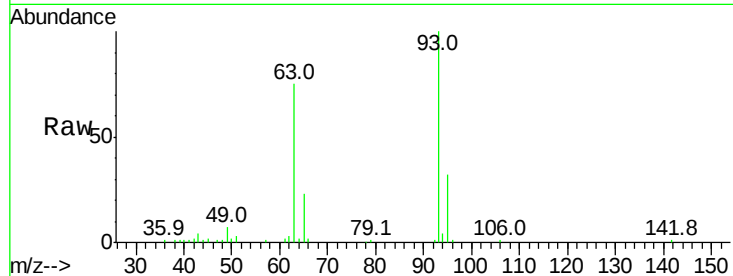
Tot Ion: 93 Resp: 56364

Ion Ratio Lower Upper

93 100

63 75.3 59.2 99.2

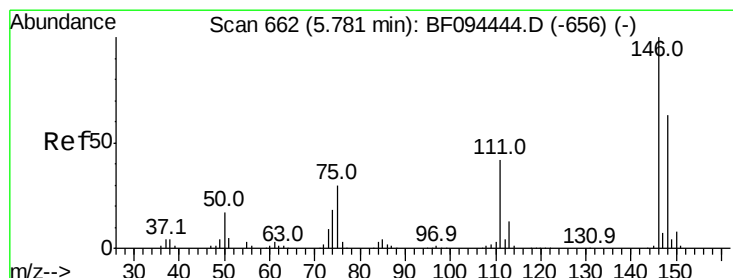
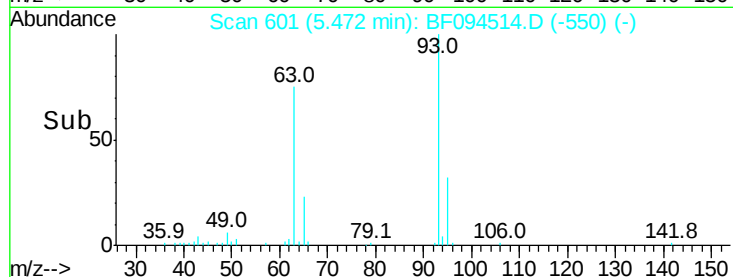
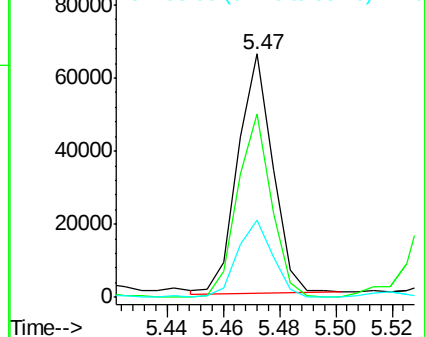
95 31.7 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#13

1,4-Dichlorobenzene

Concen: 2.33 ng

RT: 5.78 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF094514.D

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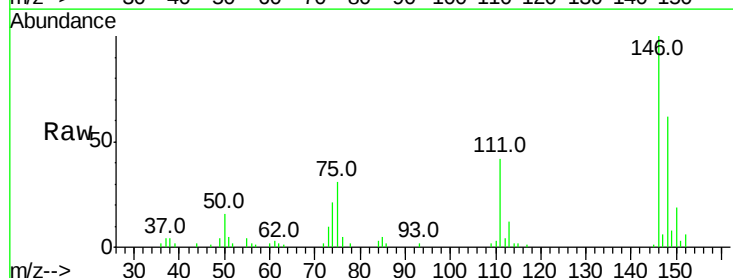
Tgt Ion: 146 Resp: 20816

Ion Ratio Lower Upper

146 100

148 62.5 52.2 78.2

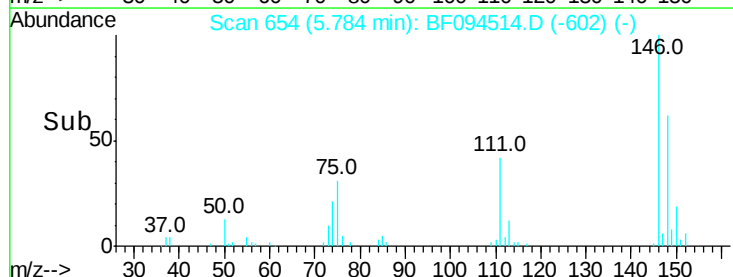
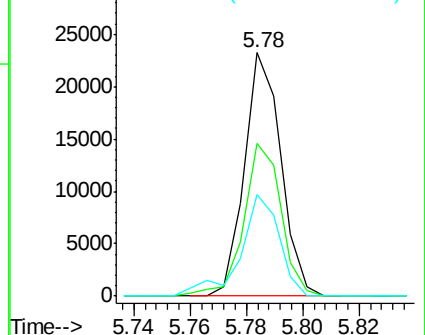
111 41.8 30.3 45.5

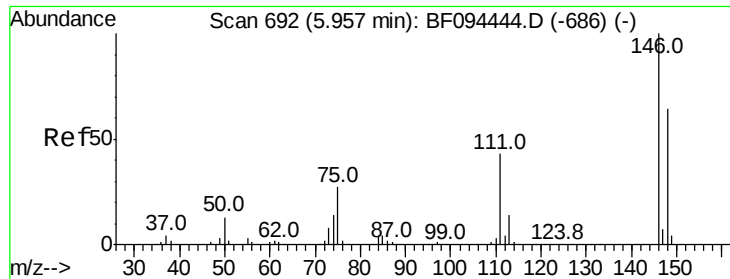


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

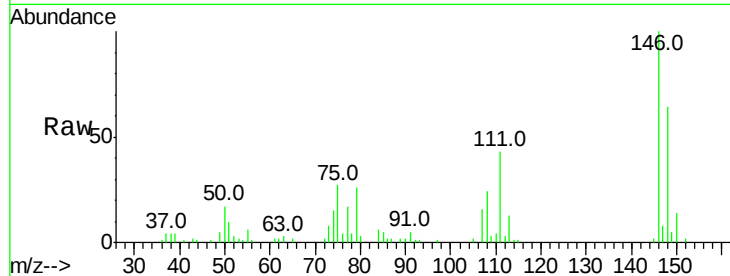




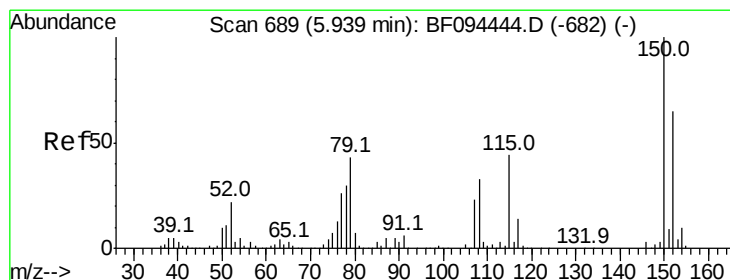
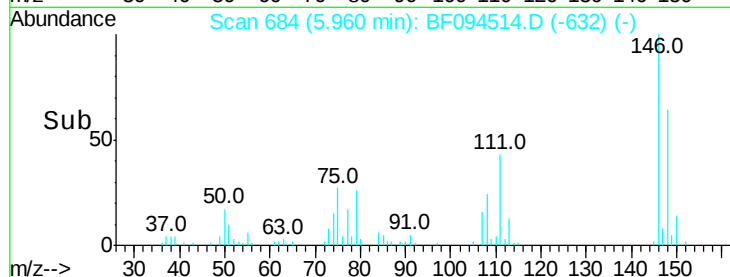
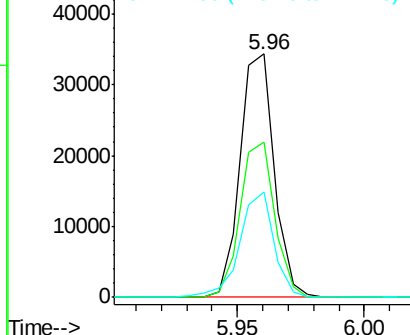
#14
 1,2-Dichlorobenzene
 Concen: 3.90 ng
 RT: 5.96 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 32128
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.4 75.6
 111 43.2 38.2 57.4

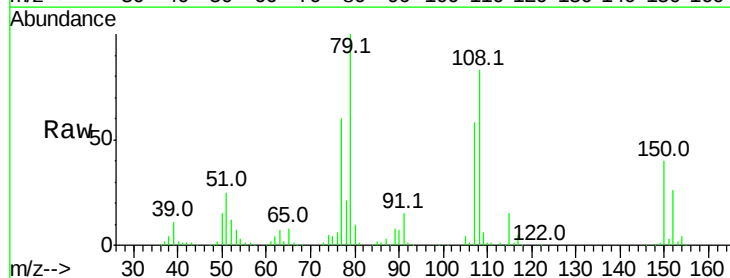


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

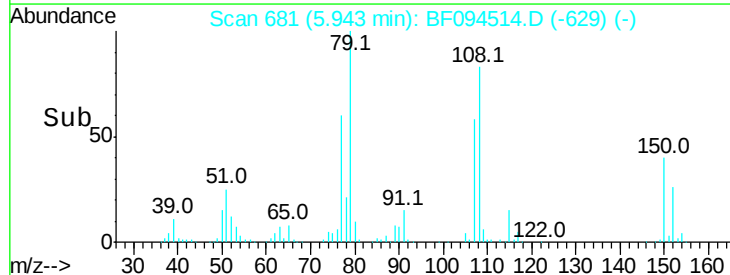
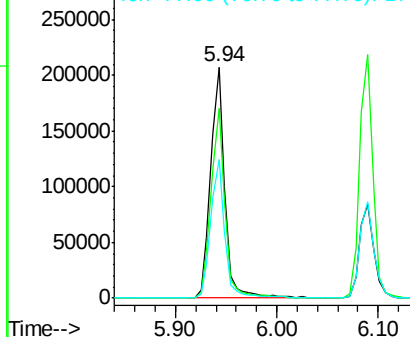


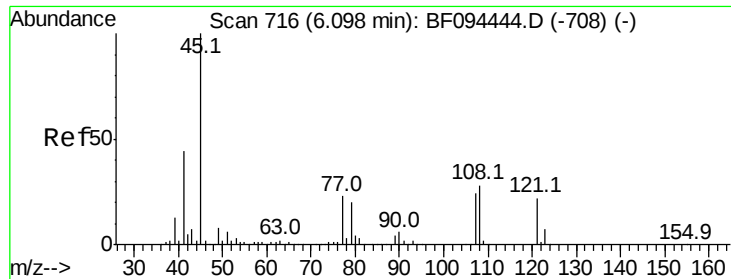
#15
 Benzyl Alcohol
 Concen: 32.87 ng
 RT: 5.94 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

Tgt Ion: 79 Resp: 202627
 Ion Ratio Lower Upper
 79 100
 108 82.5 63.4 95.0
 77 59.9 49.2 73.8



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

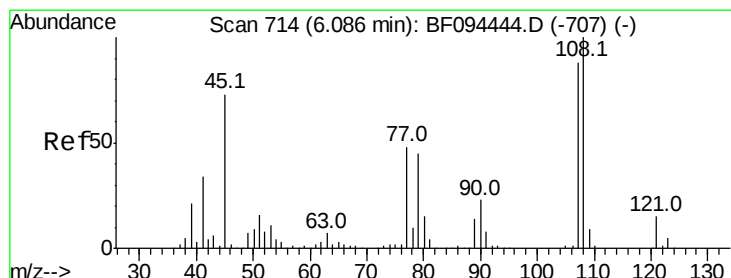
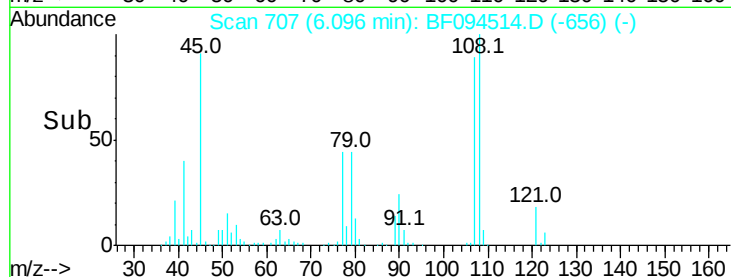
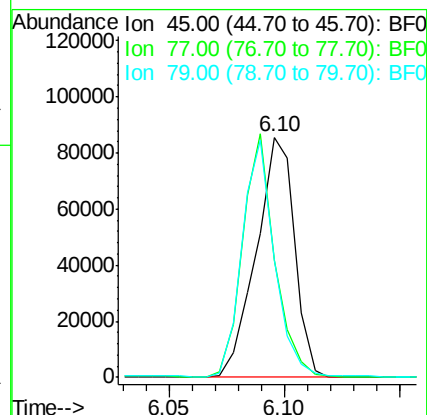
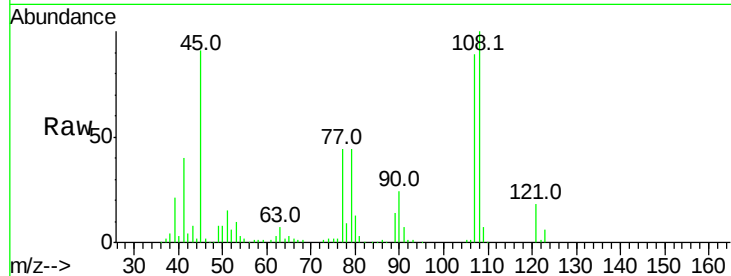




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 10.12 ng
RT: 6.10 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

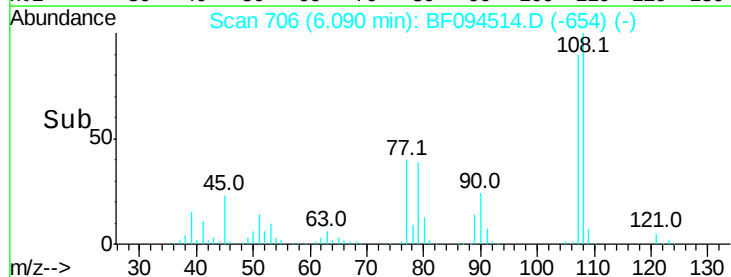
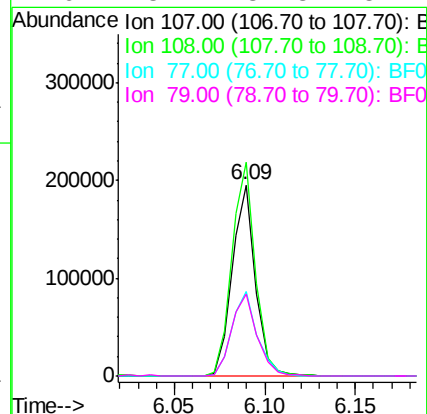
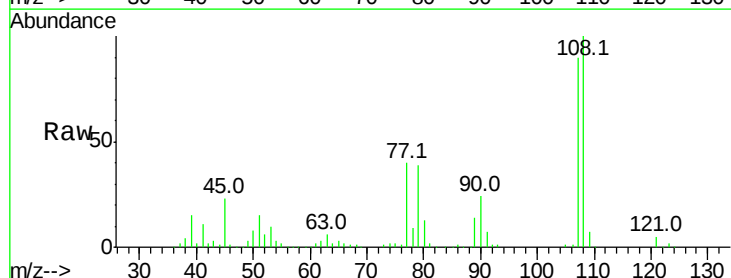
Instrument :
BNA_F
ClientSampleId :

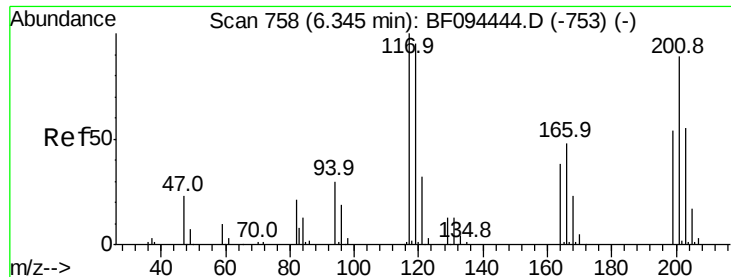
Tot Ion: 45 Resp: 98988
Ion Ratio Lower Upper
45 100
77 48.8 0.0 33.2#
79 48.9 0.0 30.0#



#17
2-Methylphenol
Concen: 27.58 ng
RT: 6.09 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

Tgt Ion:107 Resp: 174245
Ion Ratio Lower Upper
107 100
108 111.7 93.4 140.0
77 44.4 35.8 53.6
79 43.2 34.8 52.2

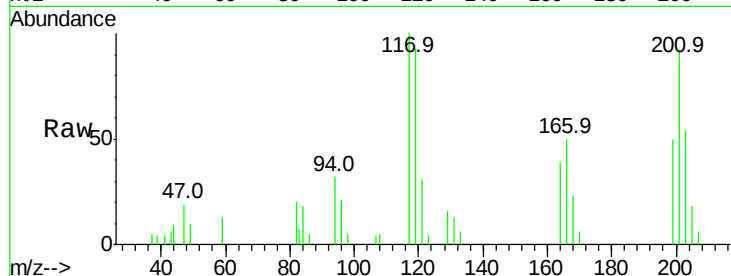




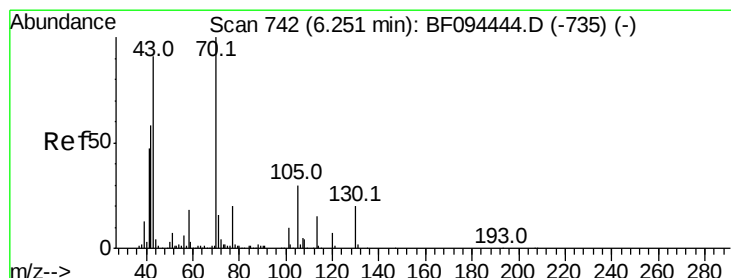
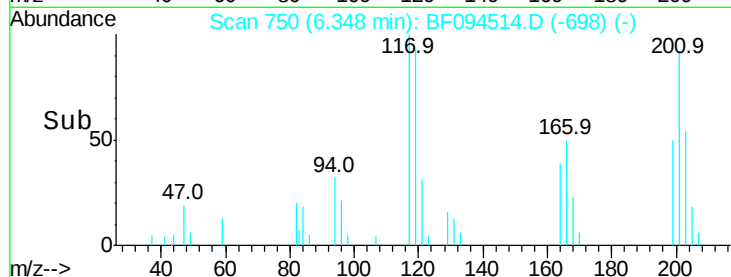
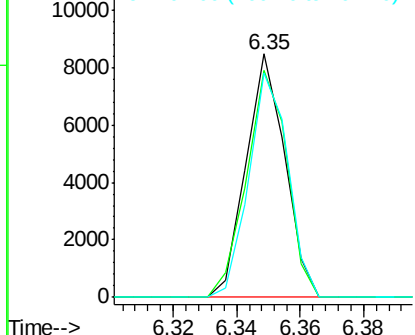
#18
Hexachloroethane
Concen: 2.35 ng
RT: 6.35 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 7215
Ion Ratio Lower Upper
117 100
119 93.3 77.4 116.0
201 92.1 94.6 141.8#

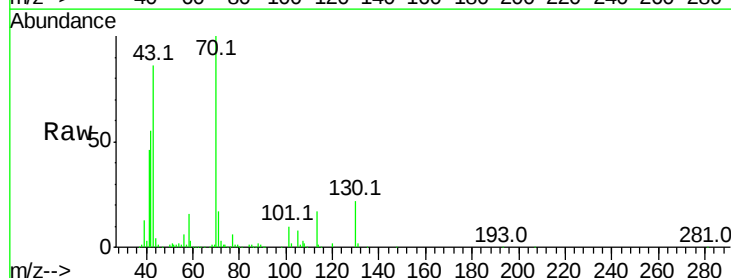


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

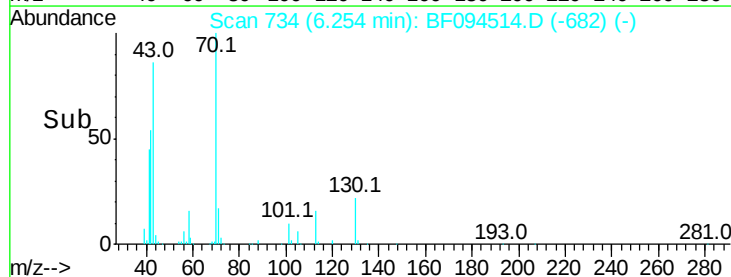
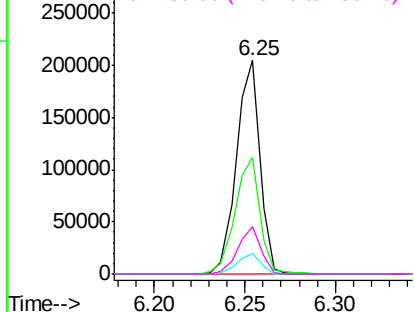


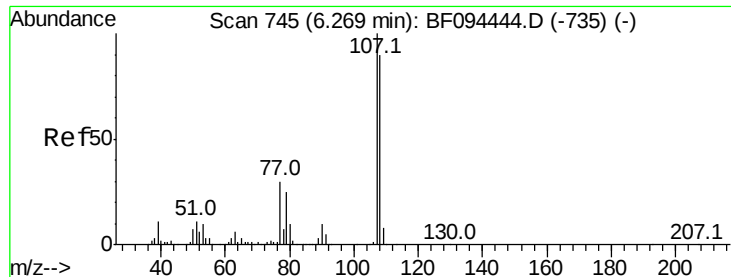
#19
n-Nitroso-di-n-propylamine
Concen: 33.54 ng
RT: 6.25 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

Tgt Ion: 70 Resp: 184685
Ion Ratio Lower Upper
70 100
42 54.7 47.2 70.8
101 9.6 7.2 10.8
130 22.3 15.9 23.9



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 34.25 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 293986

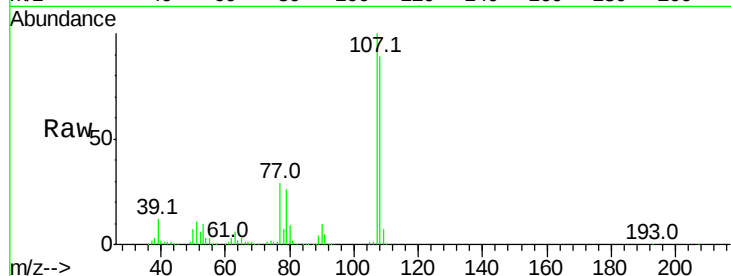
Ion Ratio Lower Upper

107 100

108 89.1 71.0 111.0

77 29.4 90.5 130.5#

79 26.4 8.4 48.4

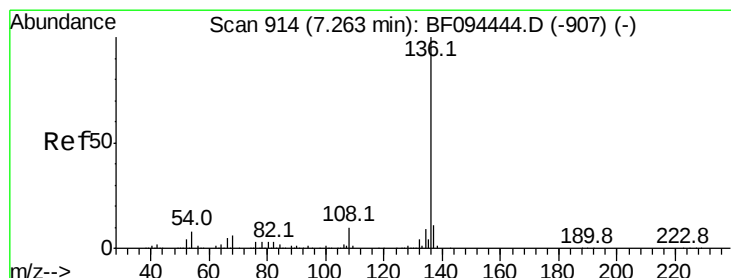
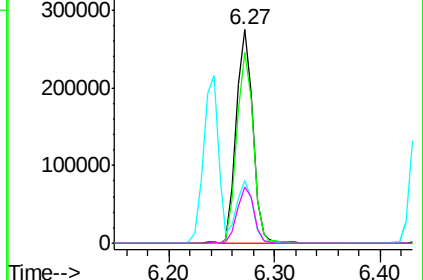
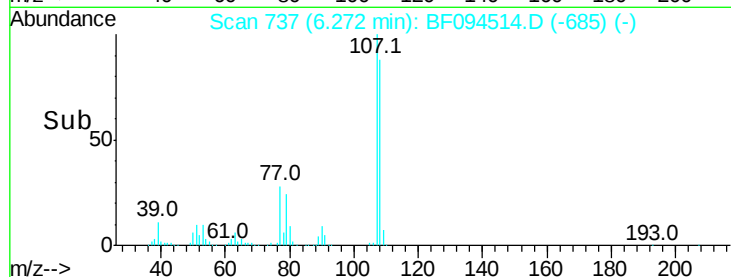


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.27 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

Tgt Ion:136 Resp: 483679

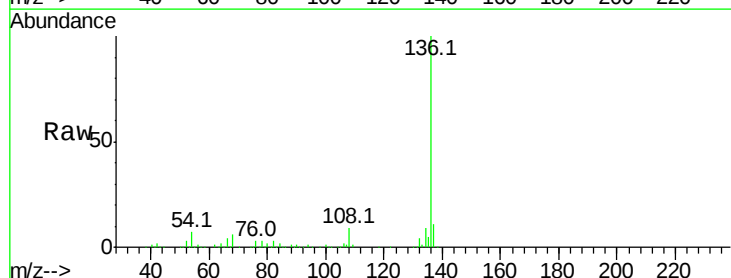
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.8 4.9 7.3

68 5.6 4.1 6.1

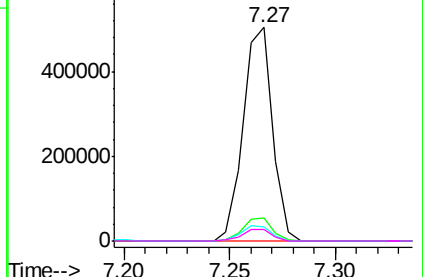
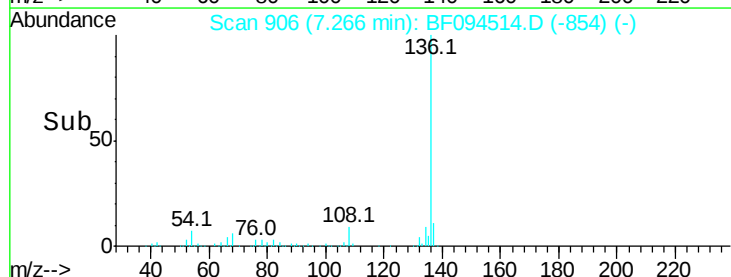


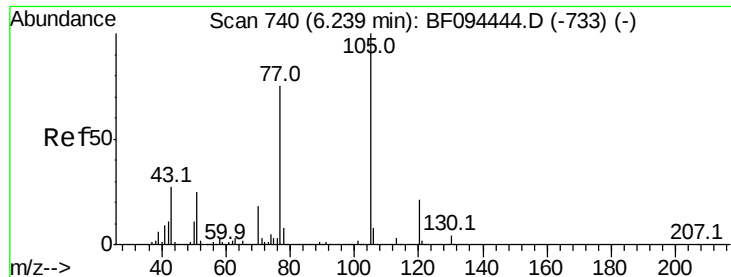
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 25.00 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 294051

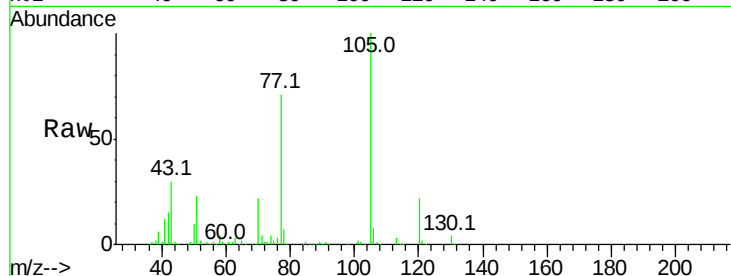
Ion Ratio Lower Upper

105 100

71 4.0 2.8 4.2

51 23.1 30.7 46.1#

120 21.8 17.4 26.0

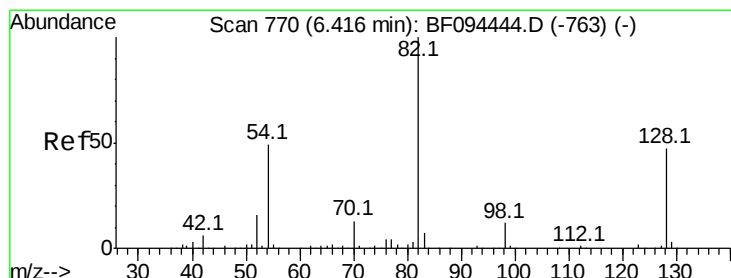
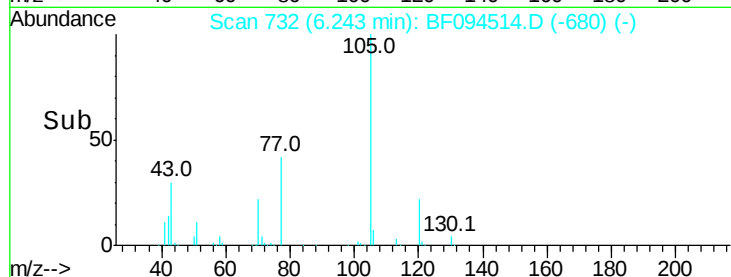
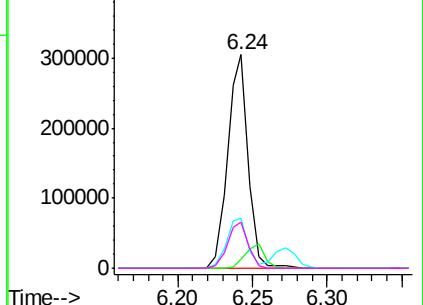


Abundance Ion 105.00 (104.70 to 105.70): E

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: 45.08 ng

RT: 6.41 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

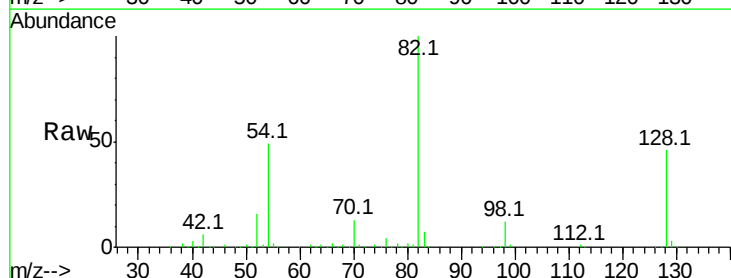
Tgt Ion: 82 Resp: 353137

Ion Ratio Lower Upper

82 100

128 45.9 34.0 51.0

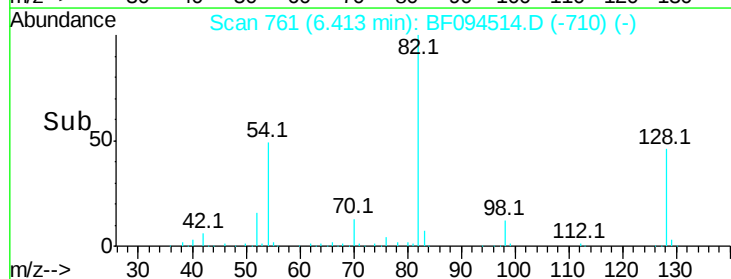
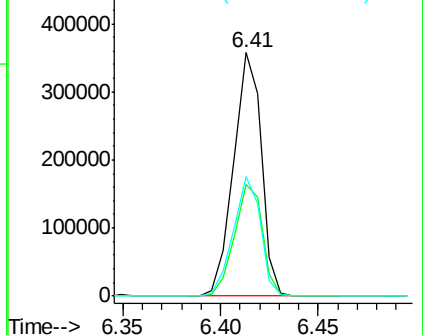
54 49.1 42.2 63.2

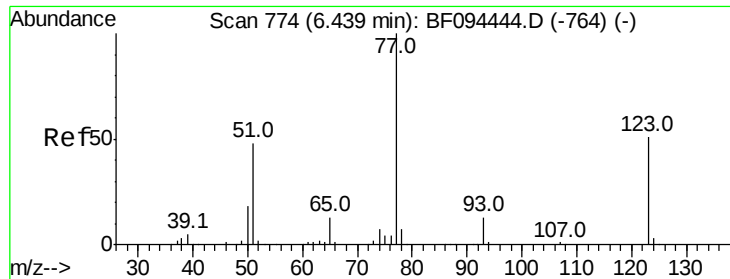


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 21.12 ng

RT: 6.44 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

Instrument :

BNA_F

ClientSampled :

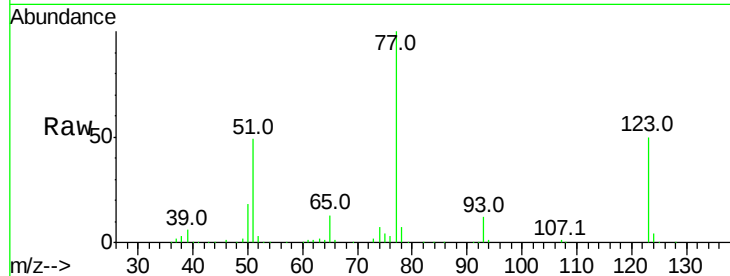
Tot Ion: 77 Resp: 174224

Ion Ratio Lower Upper

77 100

123 49.6 35.8 53.8

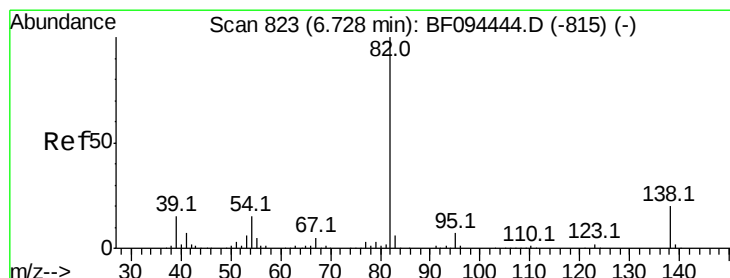
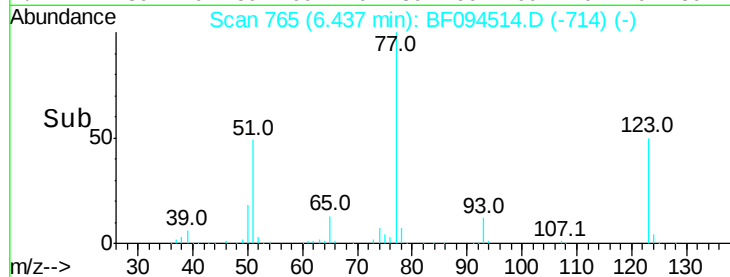
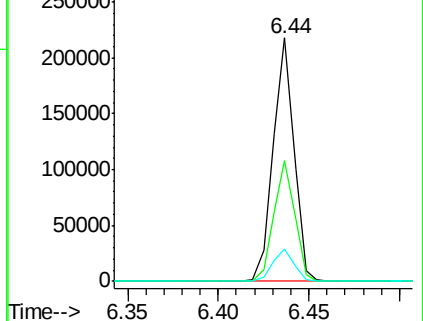
65 13.1 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 37.54 ng

RT: 6.73 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

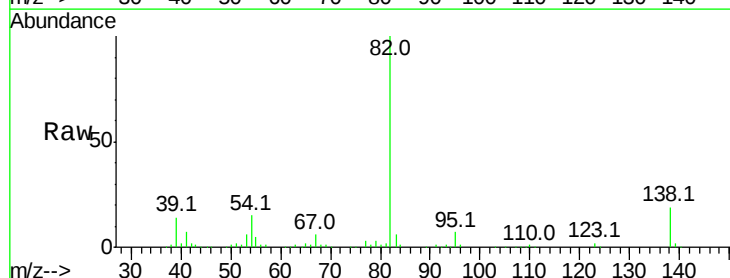
Tgt Ion: 82 Resp: 545030

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

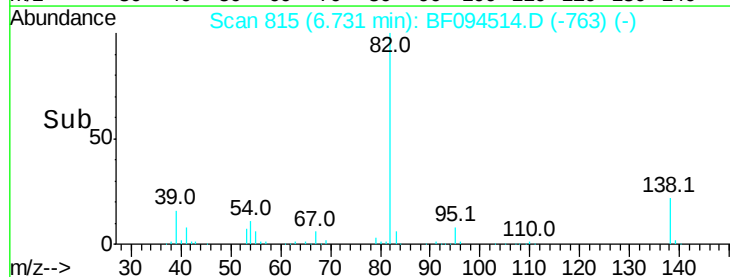
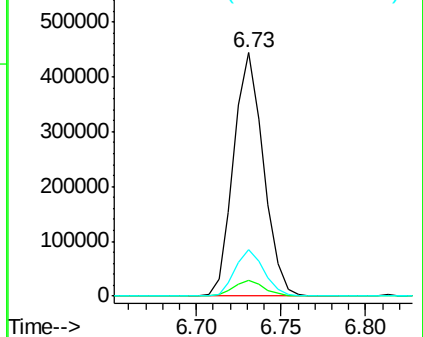
138 19.1 13.1 19.7

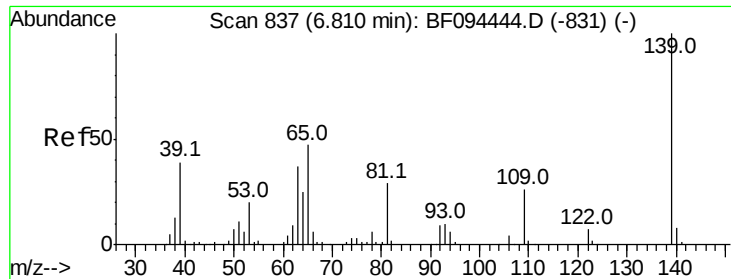


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

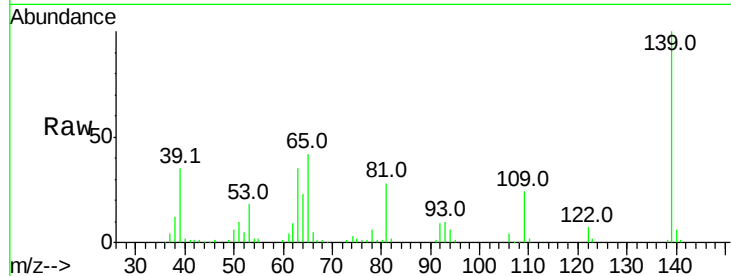




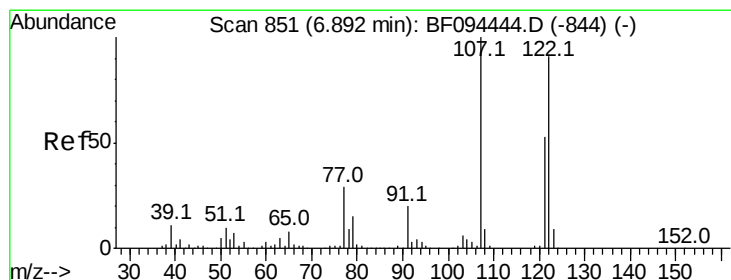
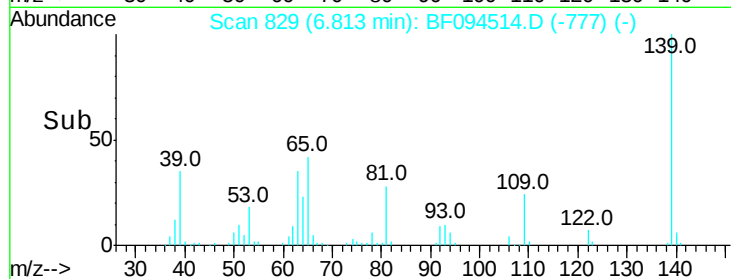
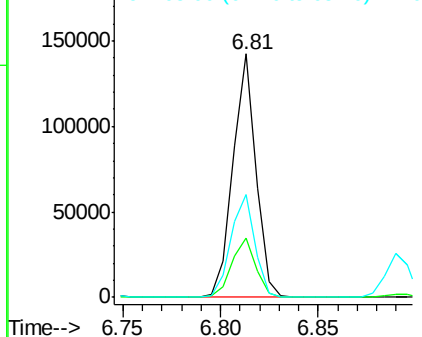
#26
 2-Nitrophenol
 Concen: 26.32 ng
 RT: 6.81 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	24.2	21.0	31.6
65	42.4	33.0	49.6

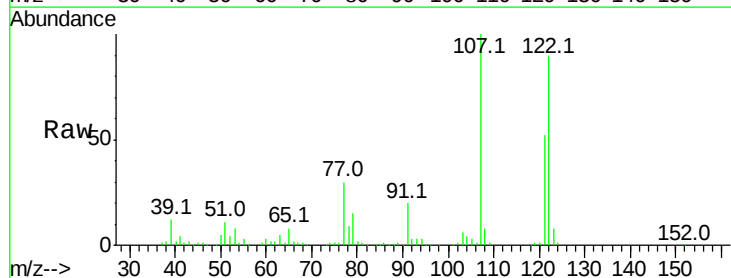


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

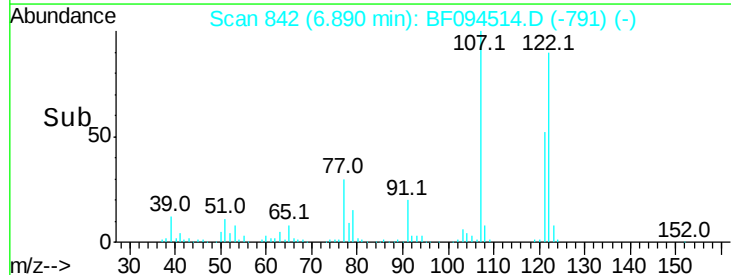
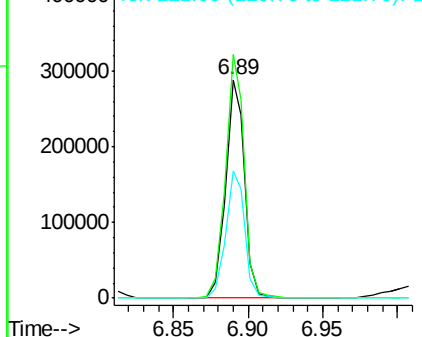


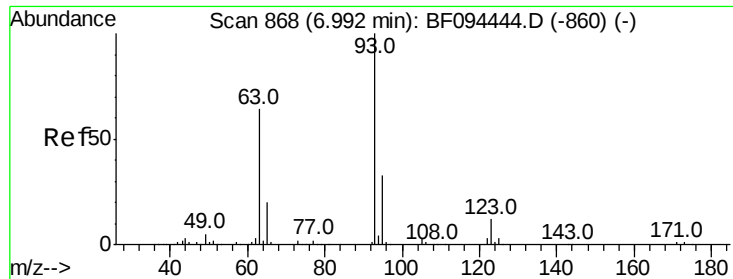
#27
 2,4-Dimethylphenol
 Concen: 36.05 ng
 RT: 6.89 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.5	89.2	133.8
121	58.4	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: 30.29 ng

RT: 6.99 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

Instrument :

BNA_F

ClientSampleId :

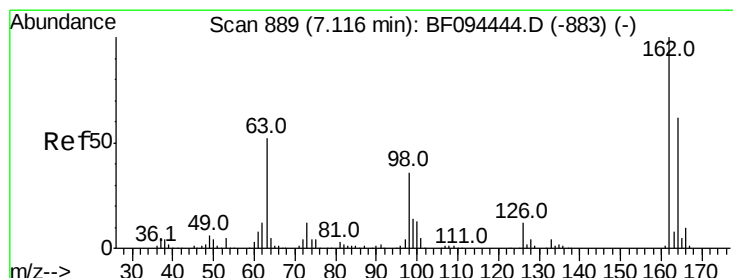
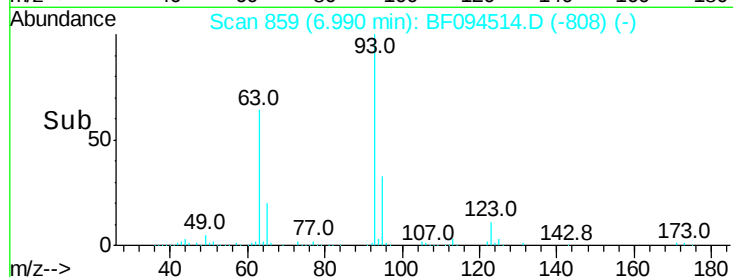
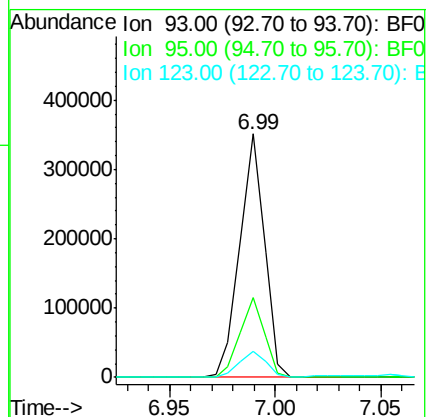
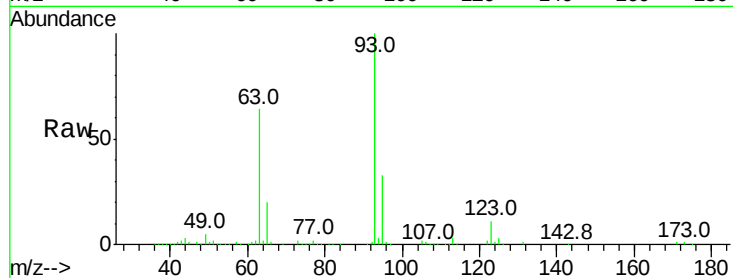
Tot Ion: 93 Resp: 284493

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

123 10.9 9.0 13.4



#29

2,4-Dichlorophenol

Concen: 36.89 ng

RT: 7.12 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

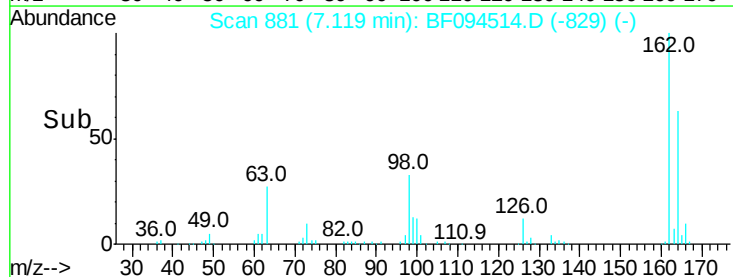
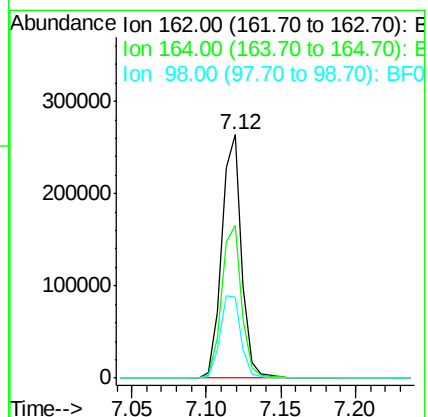
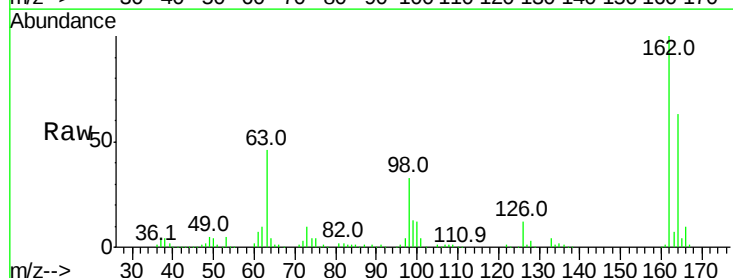
Tgt Ion: 162 Resp: 247005

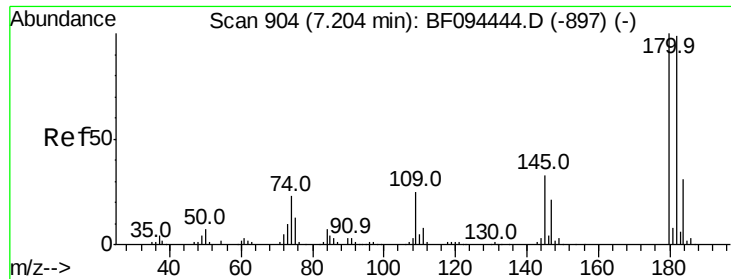
Ion Ratio Lower Upper

162 100

164 62.7 44.6 84.6

98 33.2 14.8 54.8

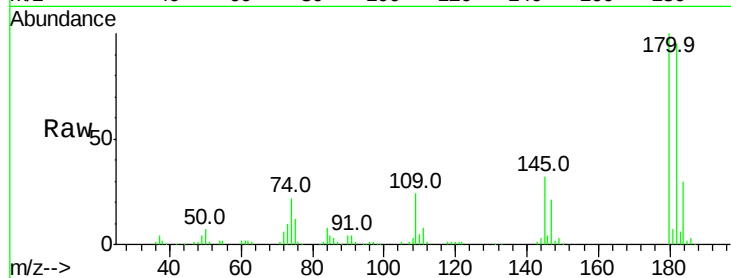




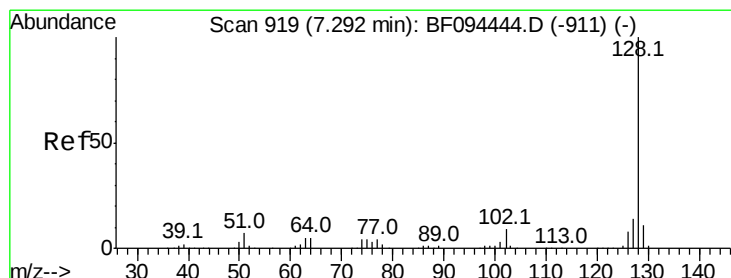
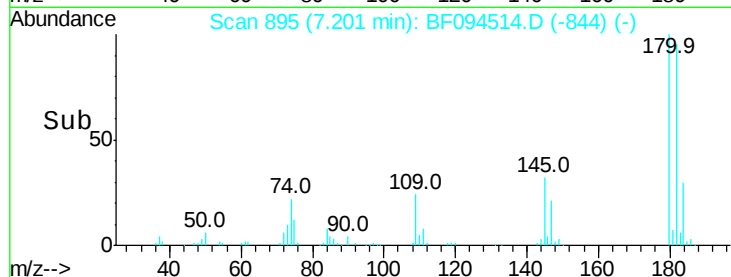
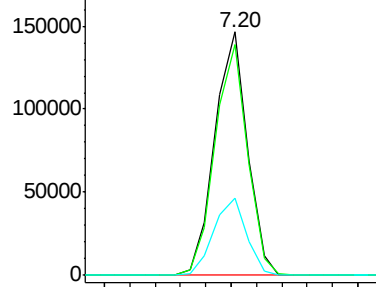
#30
 1,2,4-Trichlorobenzene
 Concen: 18.96 ng
 RT: 7.20 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 131255
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.8 113.6
 145 31.8 25.3 37.9

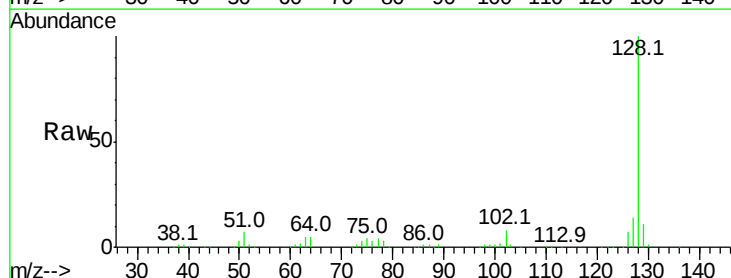


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

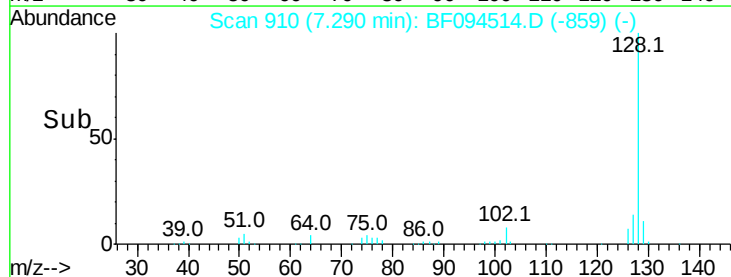
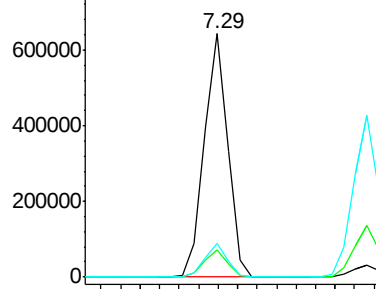


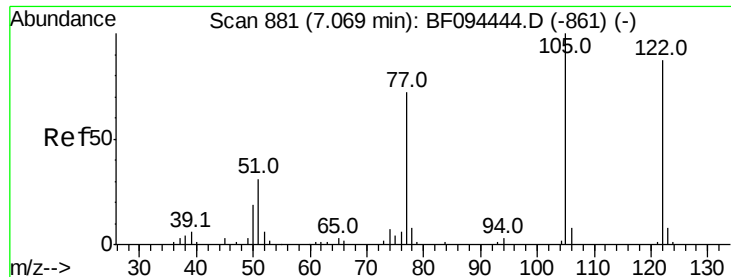
#31
 Naphthalene
 Concen: 23.01 ng
 RT: 7.29 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

Tgt Ion:128 Resp: 534977
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.0 13.6
 127 13.7 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: 33.75 ng

RT: 7.06 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

Instrument :

BNA_F

ClientSampleId :

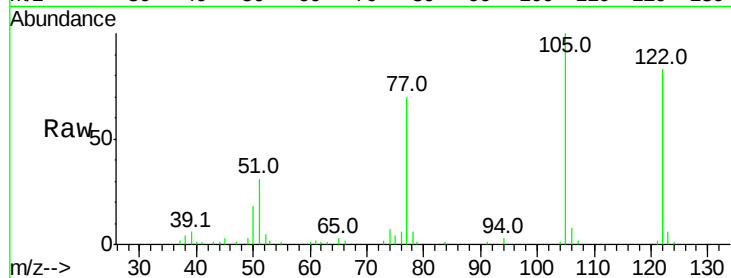
Tot Ion:122 Resp: 128468

Ion Ratio Lower Upper

122 100

105 119.9 103.3 143.3

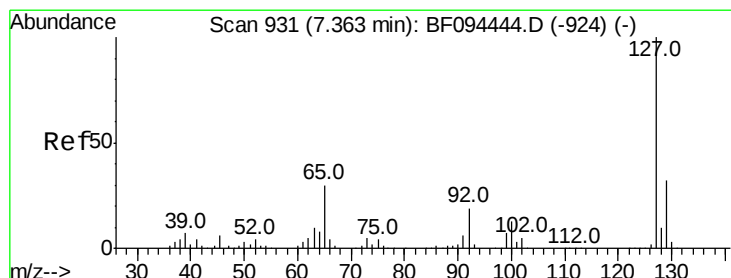
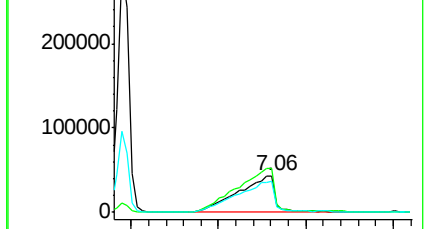
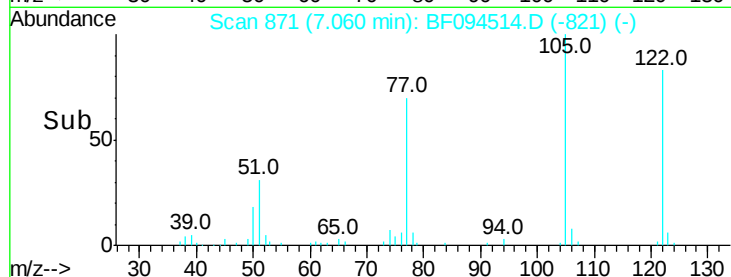
77 83.8 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 39.99 ng

RT: 7.37 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

Tgt Ion:127 Resp: 386810

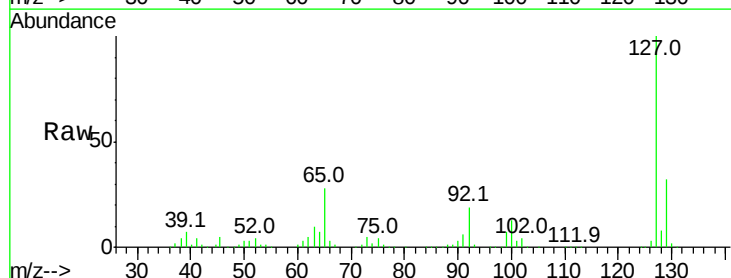
Ion Ratio Lower Upper

127 100

129 31.9 26.2 39.2

65 28.3 27.8 41.8

92 19.0 16.8 25.2

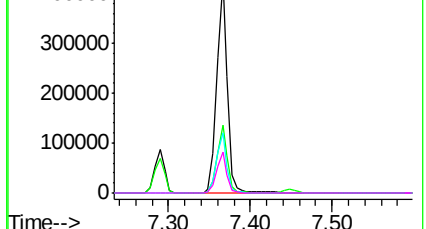
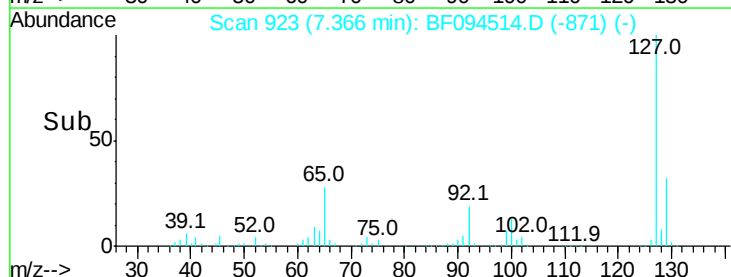


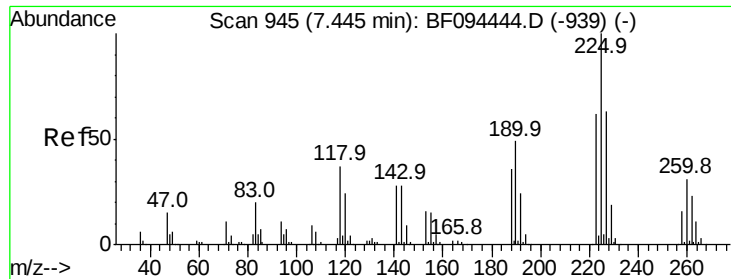
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 11.52 ng

RT: 7.45 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

Instrument :

BNA_F

ClientSampleId :

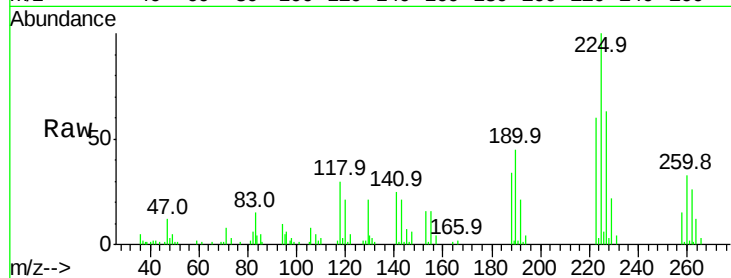
Tot Ion:225 Resp: 39753

Ion Ratio Lower Upper

225 100

223 59.8 48.8 73.2

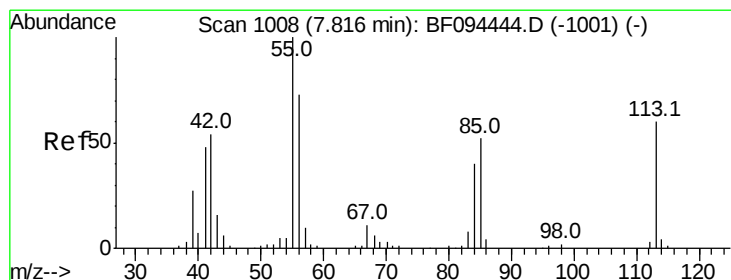
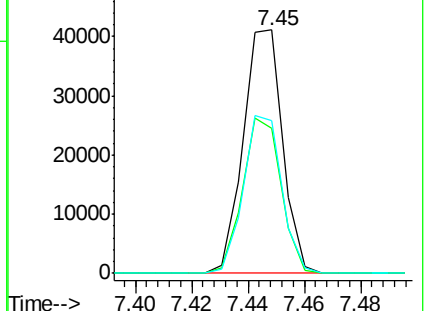
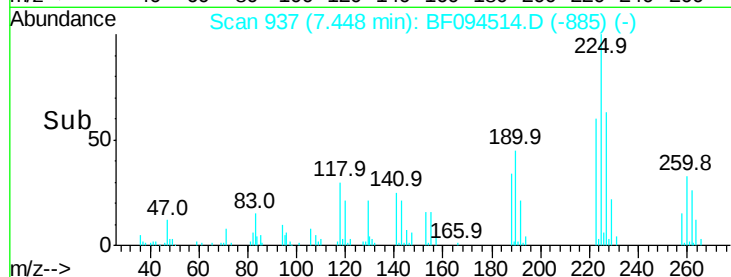
227 62.7 51.1 76.7



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 23.49 ng

RT: 7.83 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

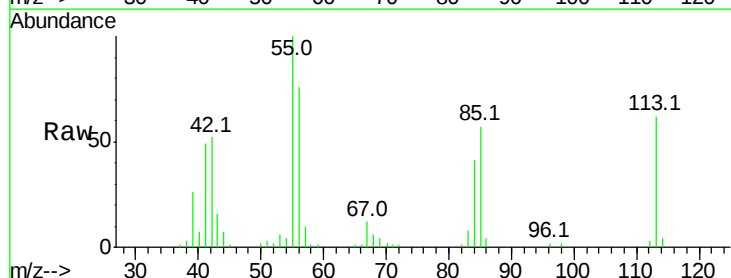
Tgt Ion:113 Resp: 49418

Ion Ratio Lower Upper

113 100

55 160.6 150.2 190.2

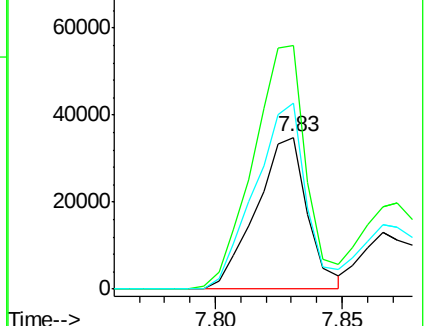
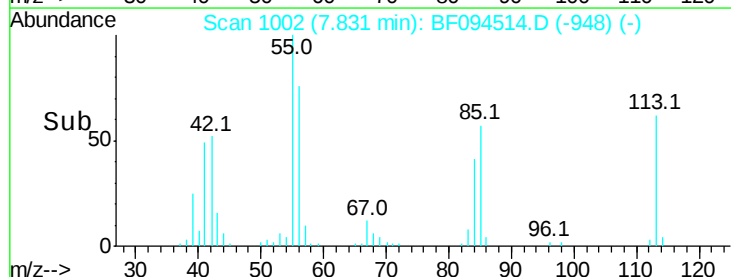
56 122.5 107.8 147.8

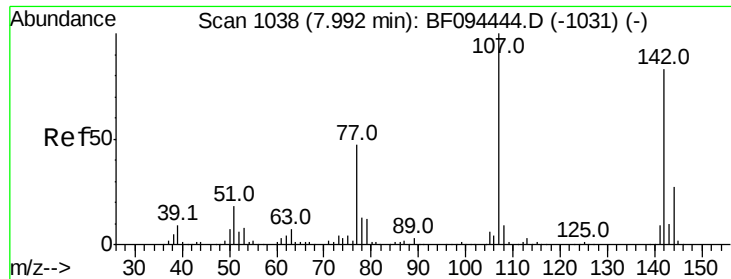


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

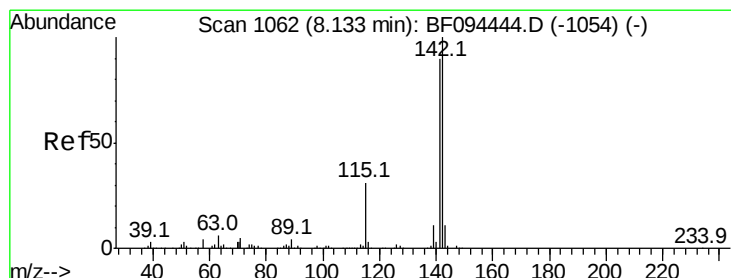
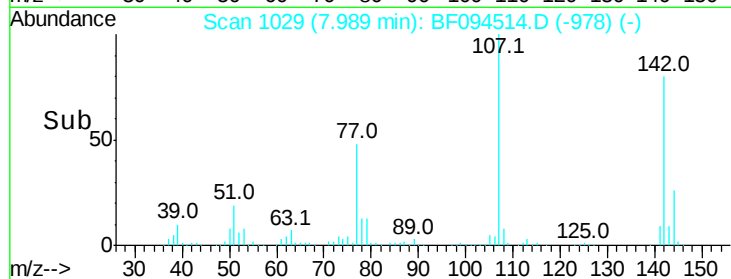
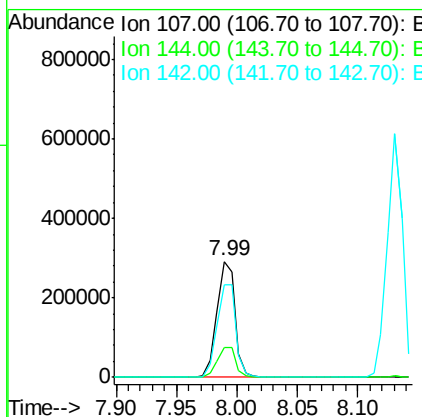
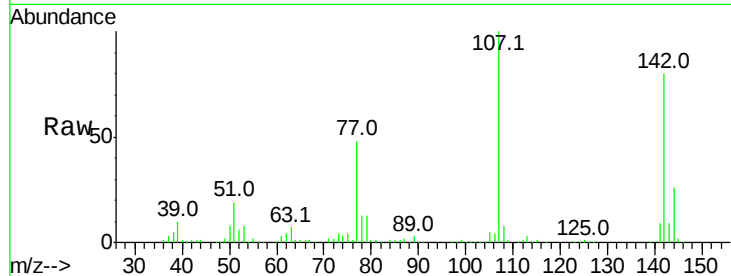




#36
 4-Chloro-3-methylphenol
 Concen: 42.46 ng
 RT: 7.99 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

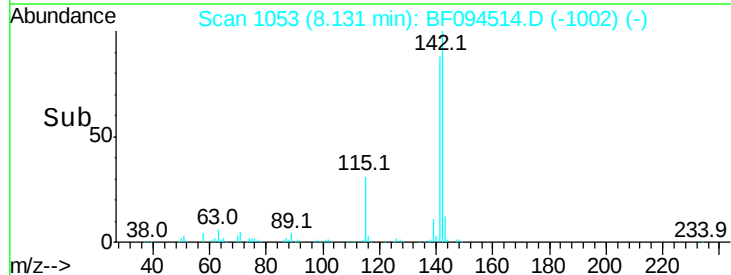
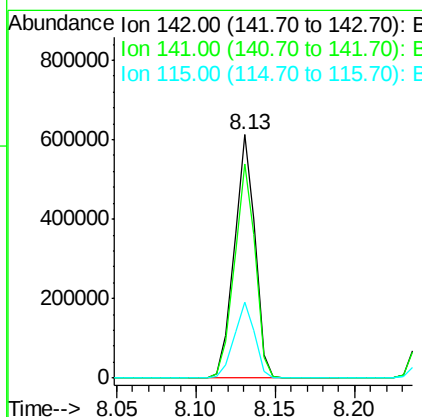
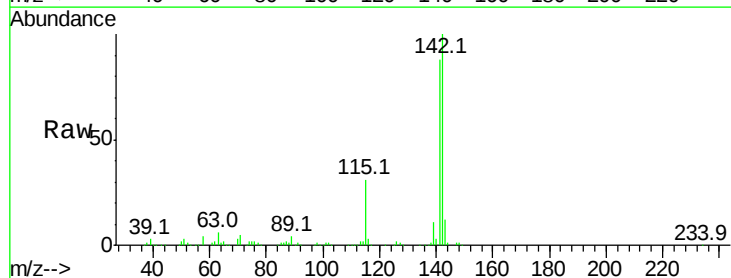
Instrument :
 BNA_F
 ClientSampleId :

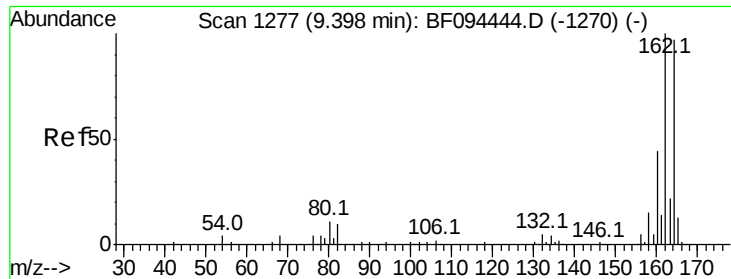
Tot Ion	Ratio	Lower	Upper
107	100		
144	25.6	24.2	36.4
142	80.2	73.4	110.0



#37
 2-Methylnaphthalene
 Concen: 34.72 ng
 RT: 8.13 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.3	106.9
115	31.4	27.1	40.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.40 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

Instrument :

BNA_F

ClientSampleId :

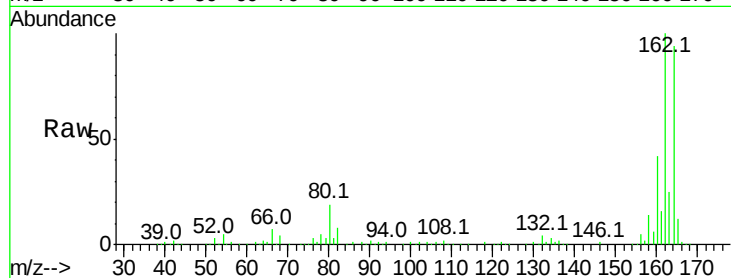
Tot Ion:164 Resp: 217286

Ion Ratio Lower Upper

164 100

162 106.0 82.6 123.8

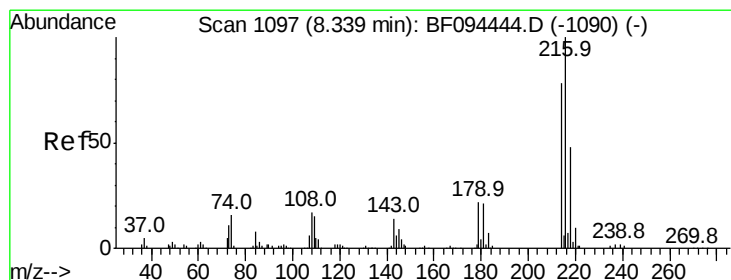
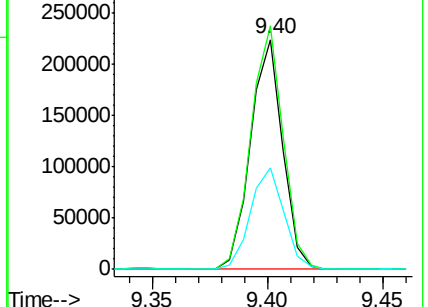
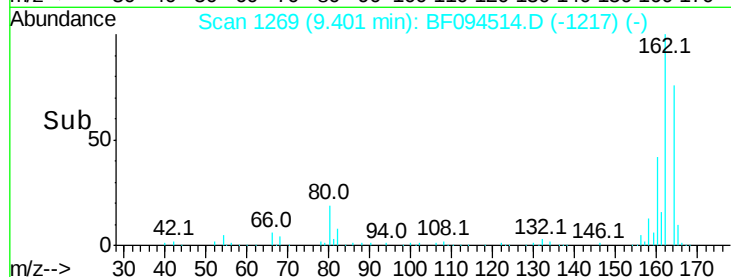
160 44.4 36.2 54.2



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: 35.85 ng

RT: 8.34 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

Tgt Ion:216 Resp: 221821

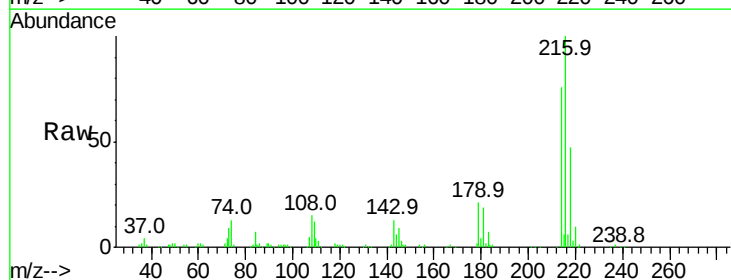
Ion Ratio Lower Upper

216 100

214 78.4 63.4 95.2

179 22.3 17.9 26.9

108 20.7 16.5 24.7

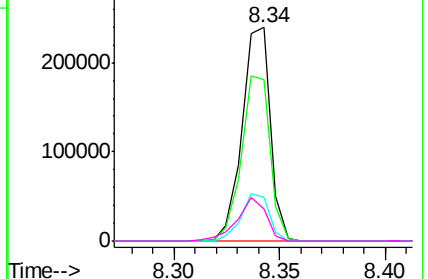
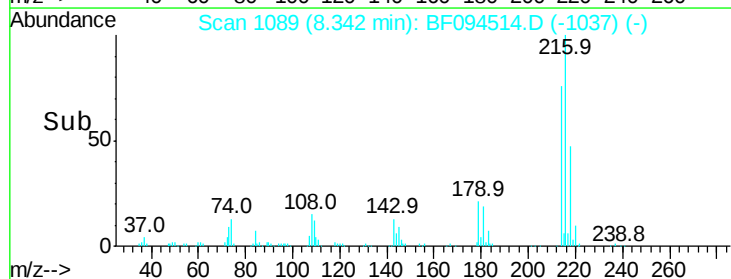


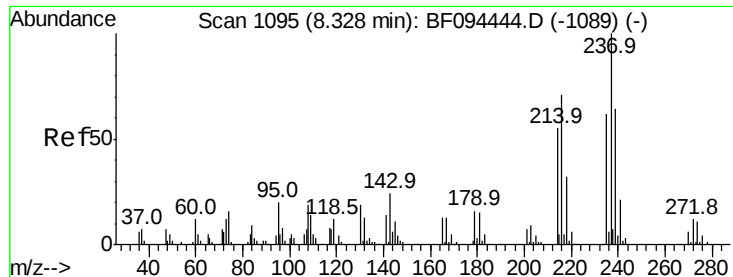
Abundance Ion 216.00 (215.70 to 216.70): E

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

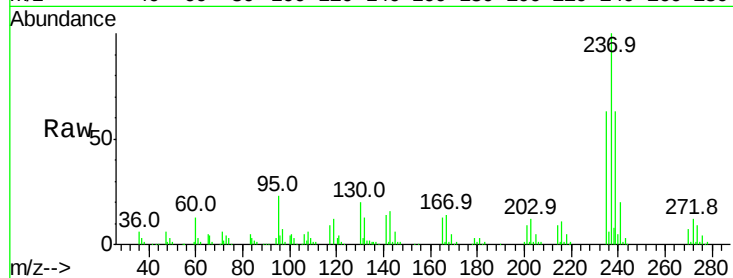




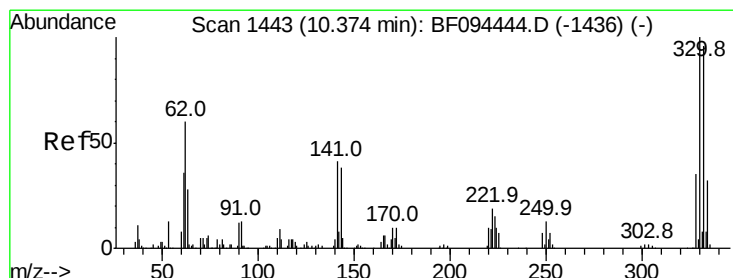
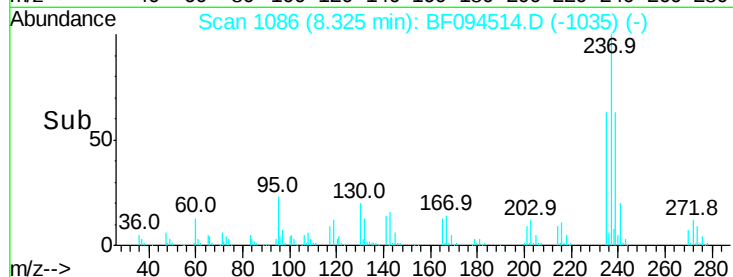
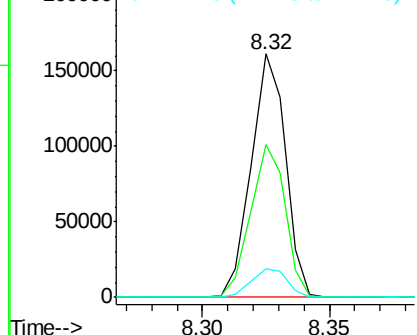
#40
Hexachlorocyclopentadiene
Concen: 60.99 ng
RT: 8.32 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 152650
Ion Ratio Lower Upper
237 100
235 62.8 42.6 82.6
272 11.9 0.0 31.9

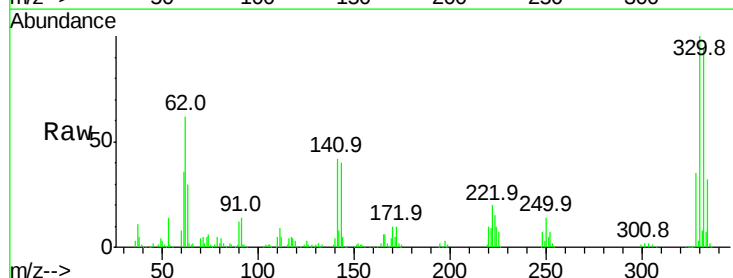


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

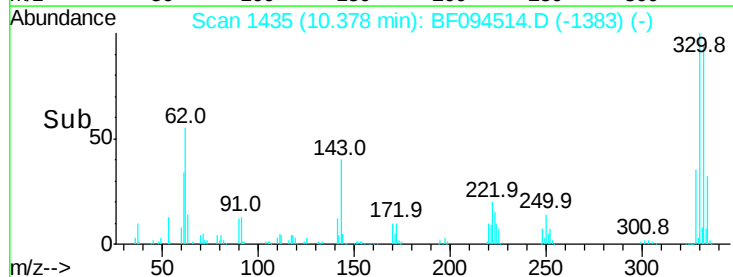
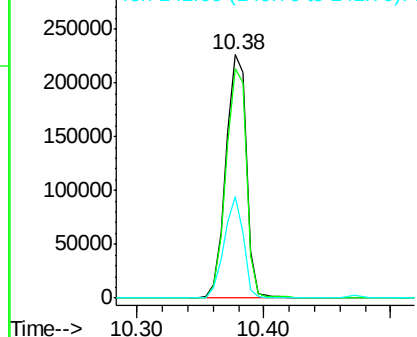


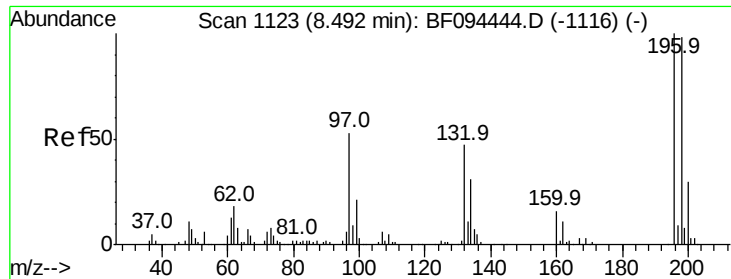
#41
2,4,6-Tribromophenol
Concen: 150.06 ng
RT: 10.38 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

Tgt Ion:330 Resp: 255041
Ion Ratio Lower Upper
330 100
332 93.8 76.6 115.0
141 39.5 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

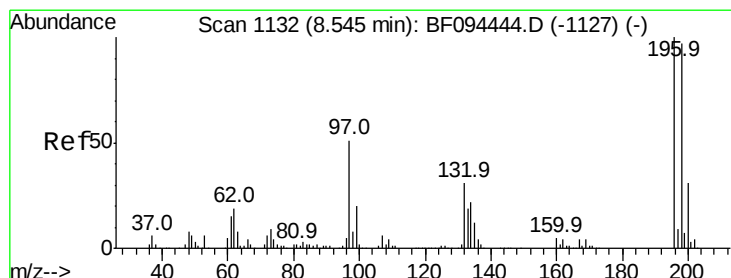
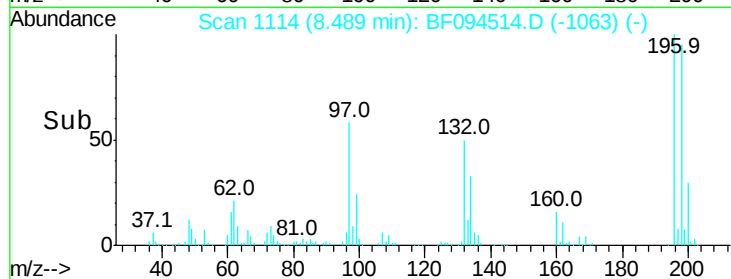
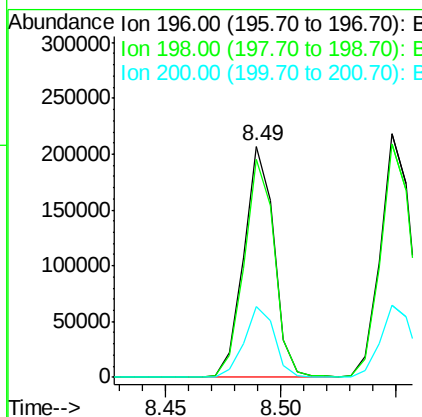
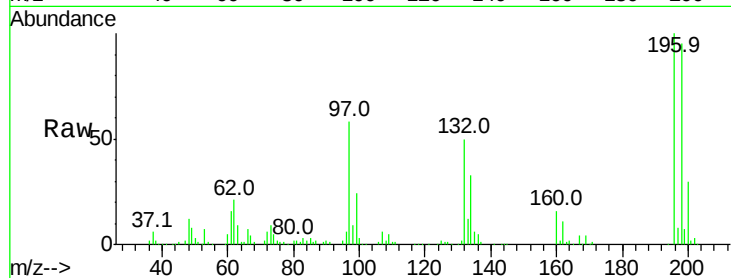




#42
 2,4,6-Trichlorophenol
 Concen: 43.74 ng
 RT: 8.49 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

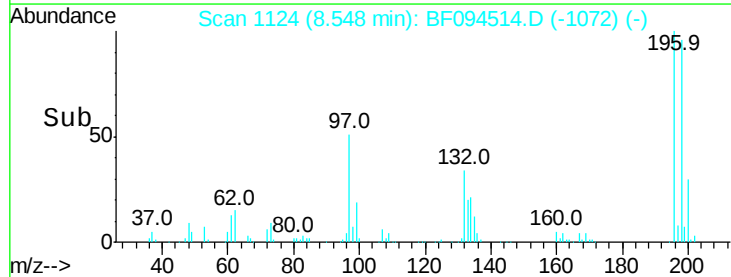
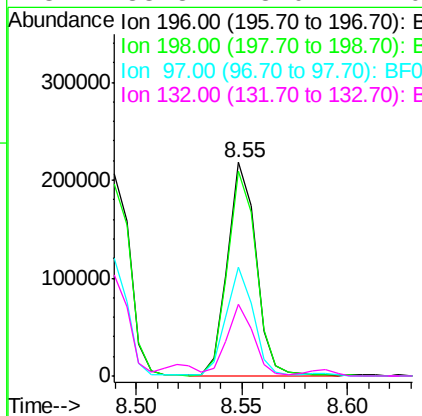
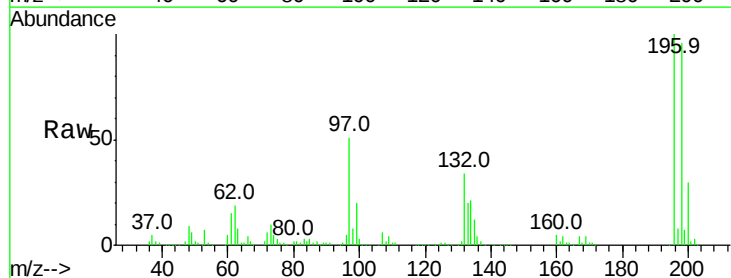
Instrument :
 BNA_F
 ClientSampled :

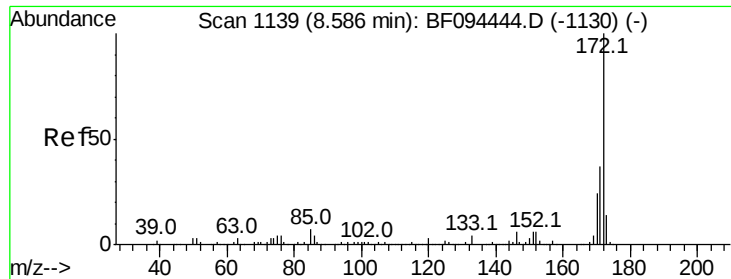
Tot Ion:	196	Resp:	190046
Ion	Ratio	Lower	Upper
196	100		
198	94.6	74.2	111.4
200	30.5	24.0	36.0



#43
 2,4,5-Trichlorophenol
 Concen: 45.52 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

Tgt Ion:	196	Resp:	203134
Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.7	113.5
97	51.2	47.7	71.5
132	33.8	28.0	42.0

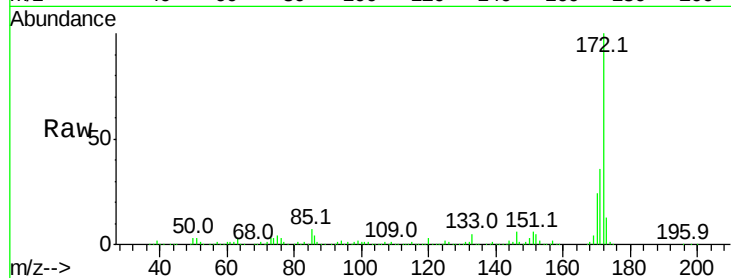




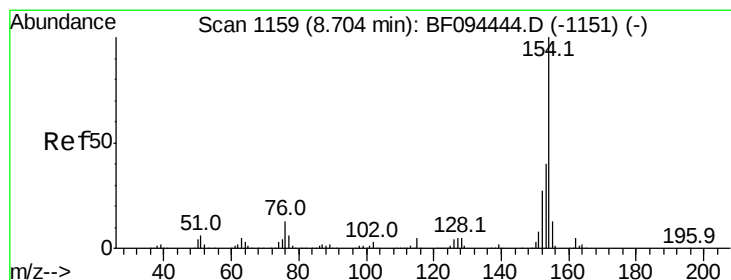
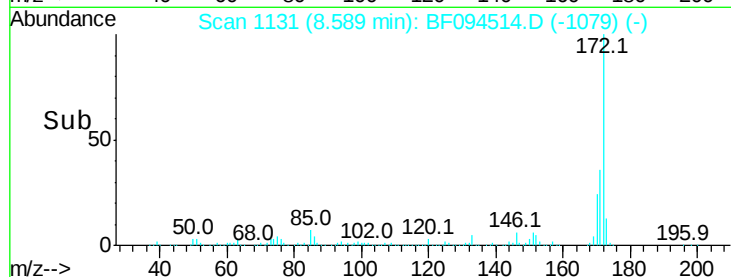
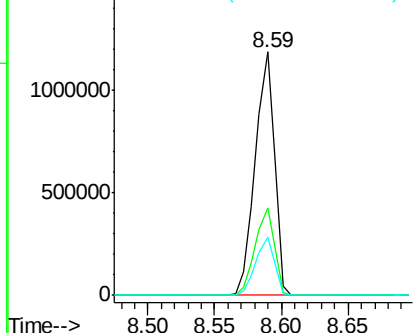
#44
2-Fluorobiphenyl
Concen: 78.76 ng
RT: 8.59 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1163109
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.7 19.8 29.8

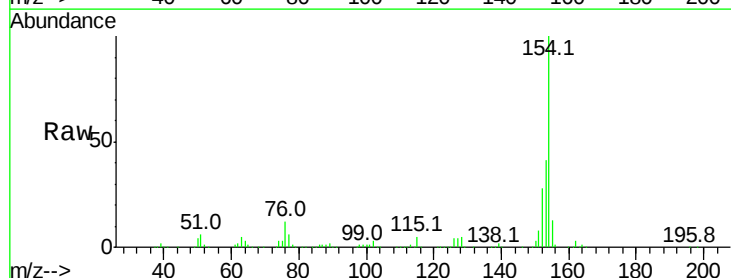


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

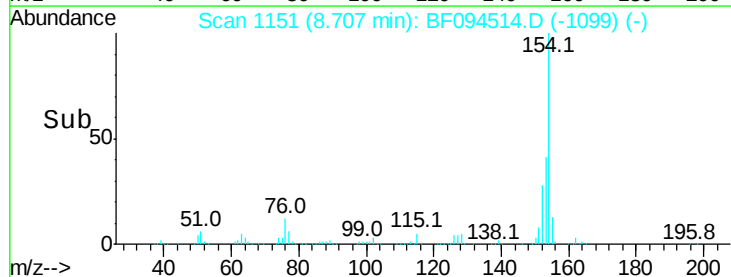
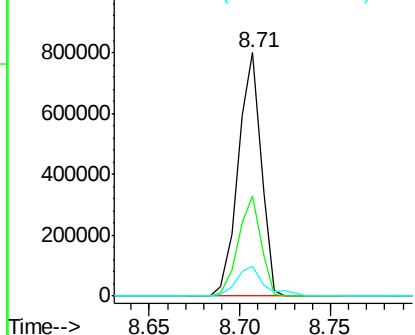


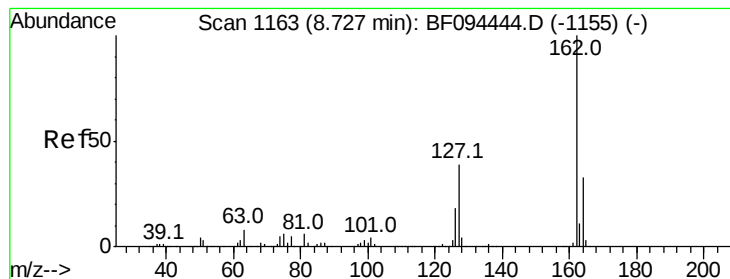
#45
1,1'-Biphenyl
Concen: 39.47 ng
RT: 8.71 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

Tgt Ion:154 Resp: 700637
Ion Ratio Lower Upper
154 100
153 41.2 21.2 61.2
76 12.2 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

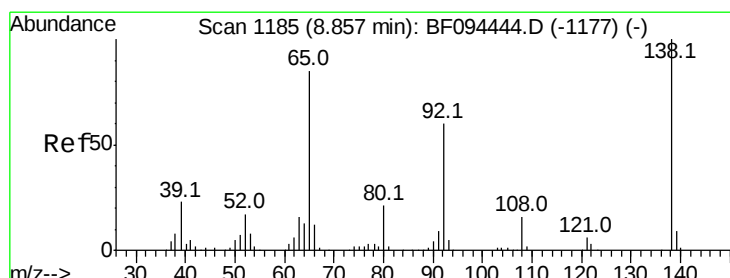
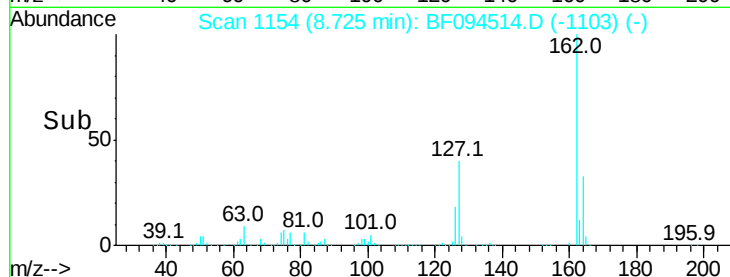
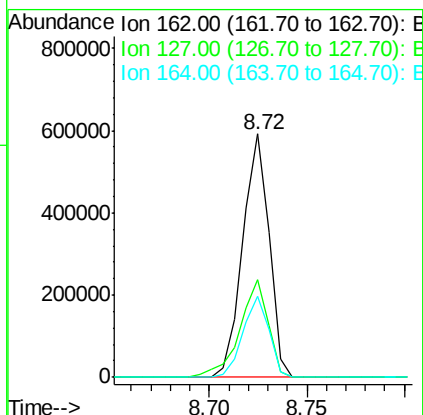
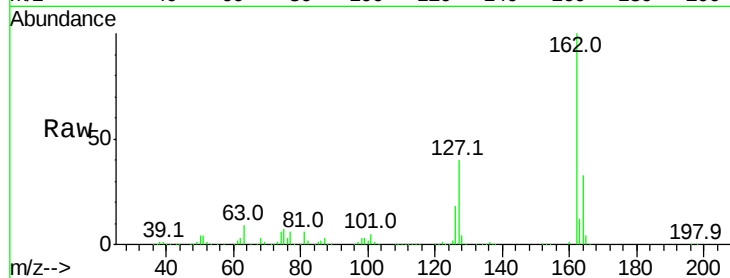




#46
 2-Chloronaphthalene
 Concen: 39.32 ng
 RT: 8.72 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

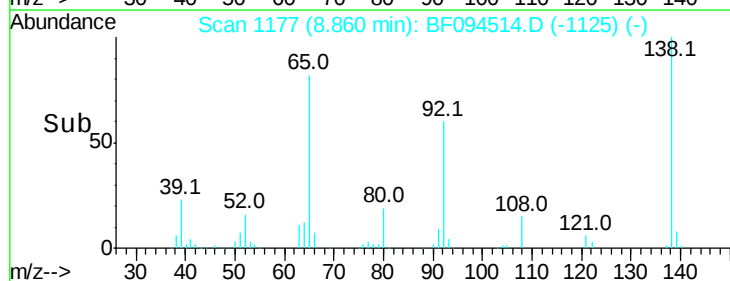
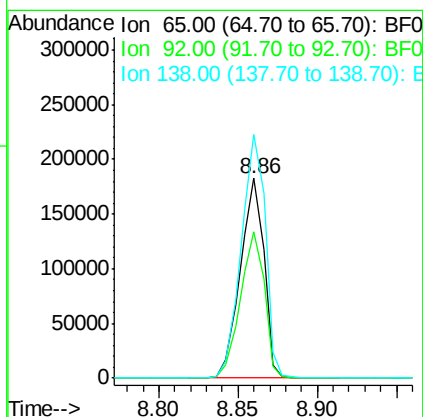
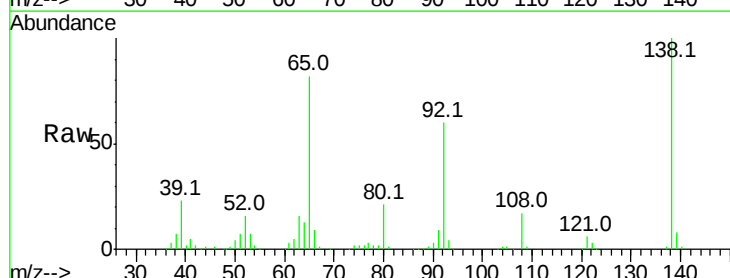
Instrument :
 BNA_F
 ClientSampleId :

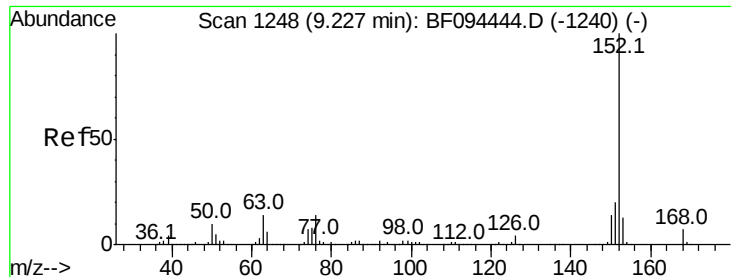
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	28.3	42.5
164	33.1	27.0	40.4



#47
 2-Nitroaniline
 Concen: 46.44 ng
 RT: 8.86 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.3	53.9	80.9
138	121.9	78.8	118.2





#48

Acenaphthylene

Concen: 41.67 ng

RT: 9.23 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

Instrument :

BNA_F

ClientSampleId :

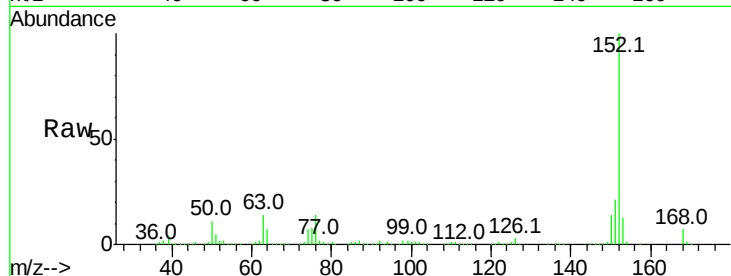
Tot Ion:152 Resp: 916937

Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

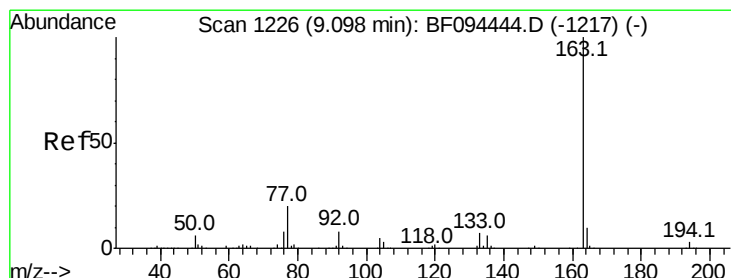
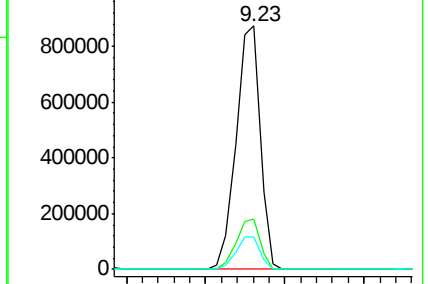
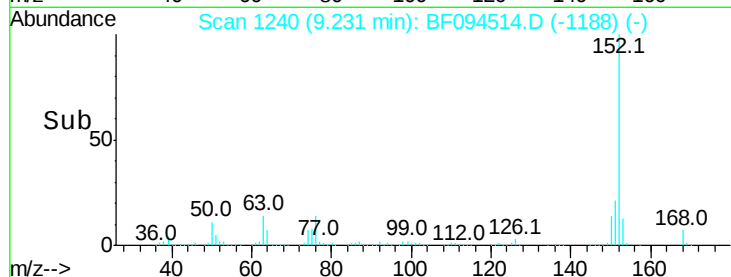
153 13.2 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 47.64 ng

RT: 9.11 min Scan# 1219

Delta R.T. 0.01 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

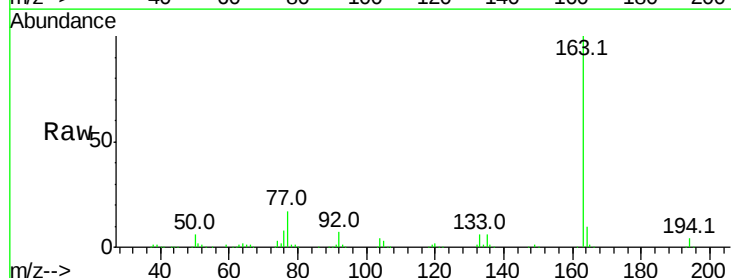
Tgt Ion:163 Resp: 771400

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

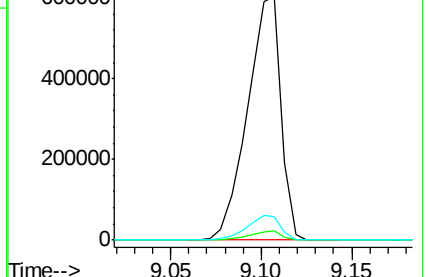
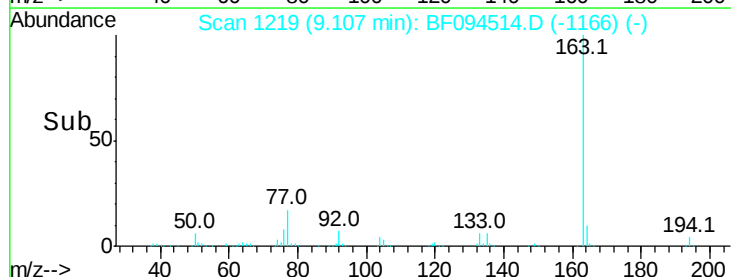
164 9.5 8.4 12.6

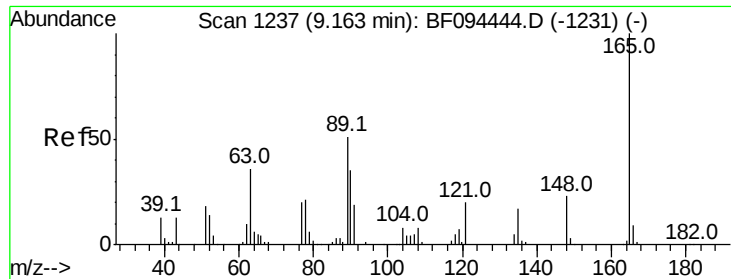


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

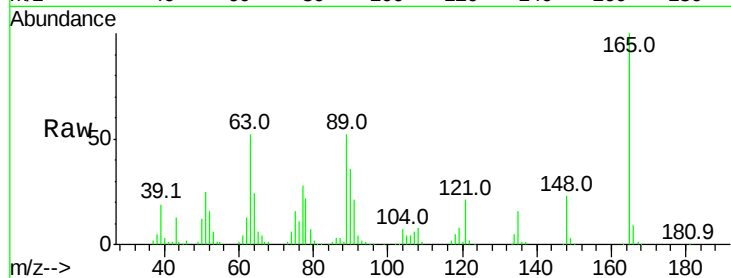




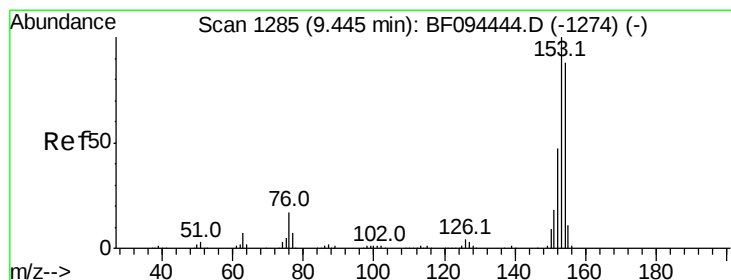
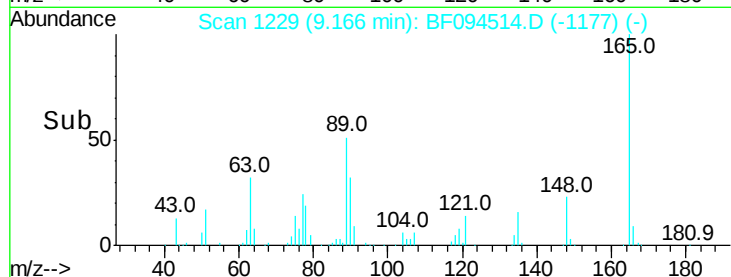
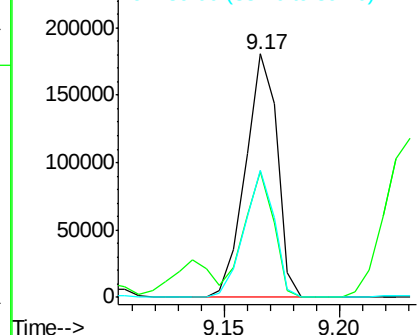
#50
 2,6-Dinitrotoluene
 Concen: 47.61 ng
 RT: 9.17 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 173027
 Ion Ratio Lower Upper
 165 100
 63 51.8 34.3 51.5#
 89 52.2 37.1 55.7

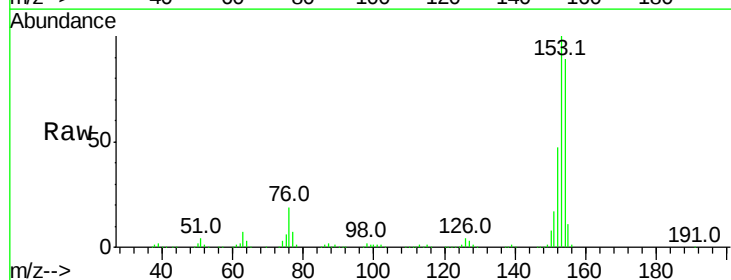


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

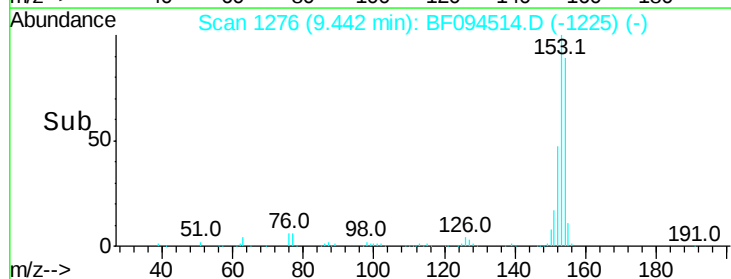
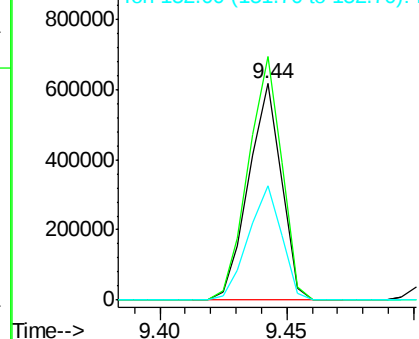


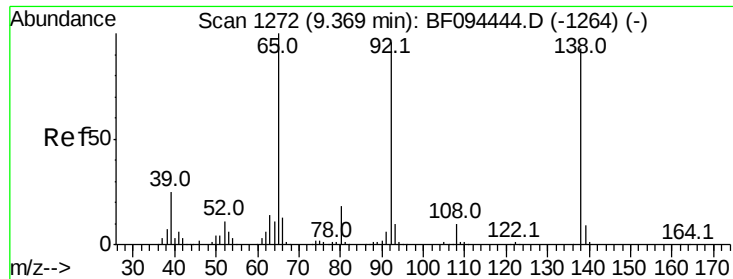
#51
 Acenaphthene
 Concen: 42.29 ng
 RT: 9.44 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

Tgt Ion:154 Resp: 557402
 Ion Ratio Lower Upper
 154 100
 153 112.6 90.5 135.7
 152 53.0 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: 46.55 ng

RT: 9.37 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

Instrument :

BNA_F

ClientSampleId :

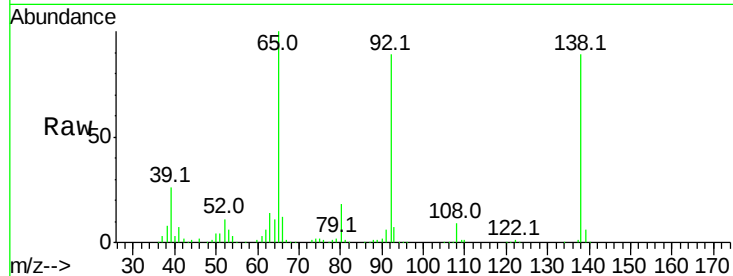
Tot Ion:138 Resp: 195745

Ion Ratio Lower Upper

138 100

108 10.2 9.1 13.7

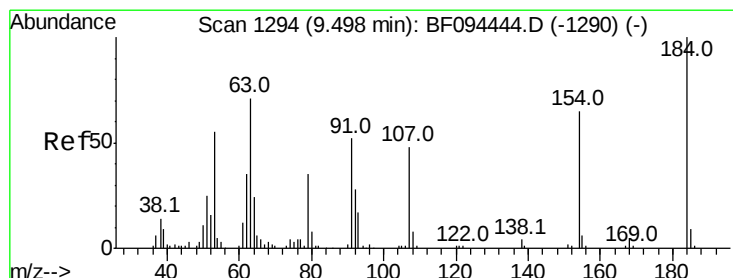
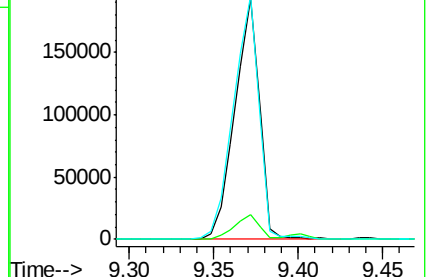
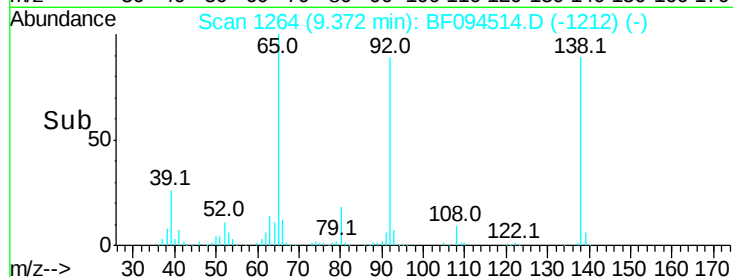
92 101.0 93.8 140.6



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: 63.60 ng

RT: 9.51 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

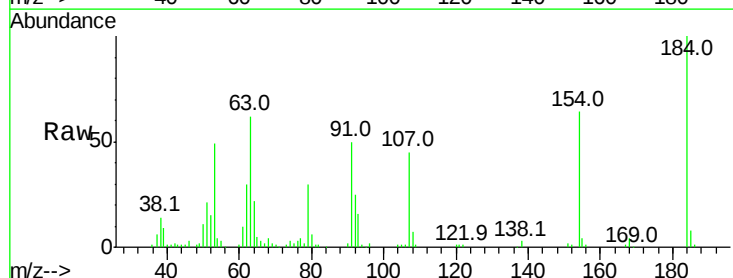
Tgt Ion:184 Resp: 122924

Ion Ratio Lower Upper

184 100

63 62.5 62.7 94.1#

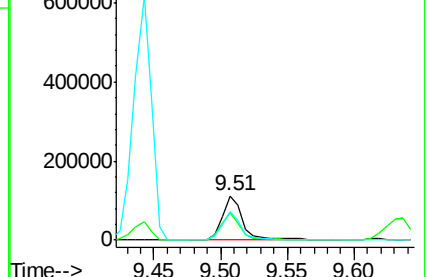
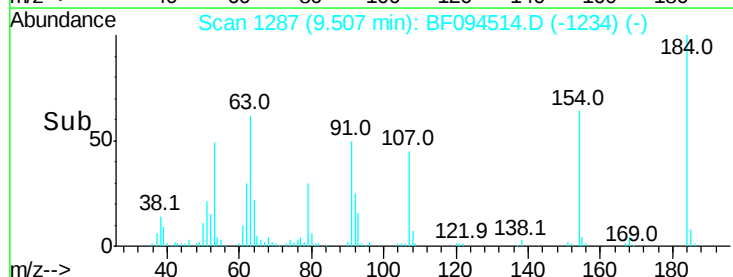
154 63.5 81.1 121.7#

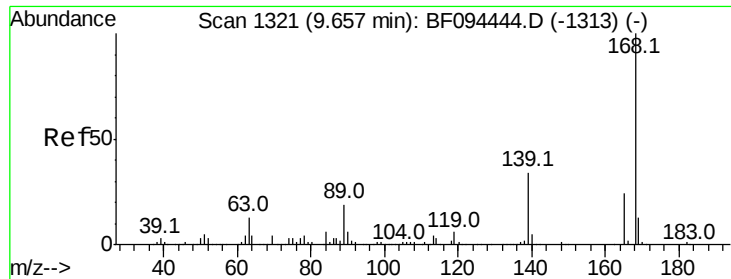


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

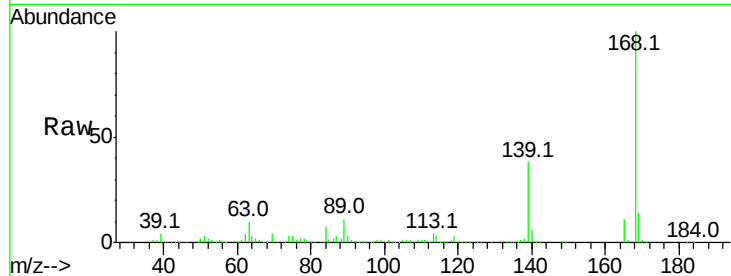




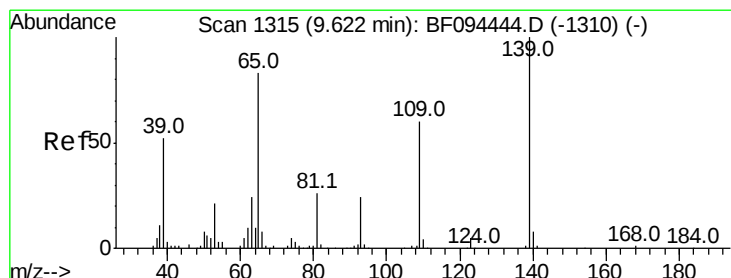
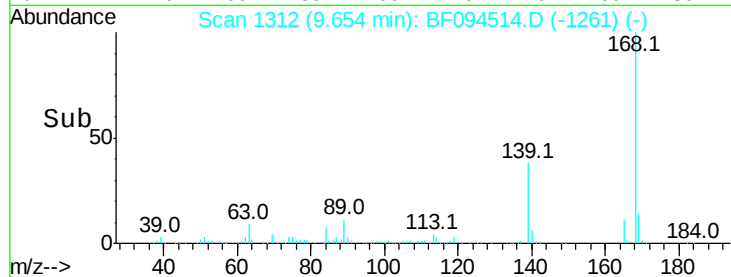
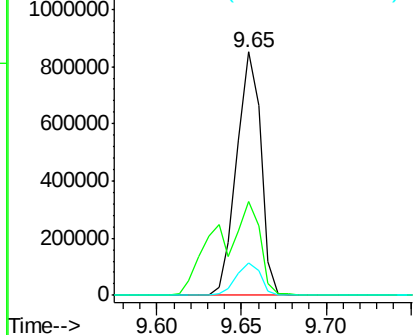
#54
Dibenzenofuran
Concen: 44.23 ng
RT: 9.65 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 847244
Ion Ratio Lower Upper
168 100
139 38.4 30.6 45.8
169 13.5 10.8 16.2

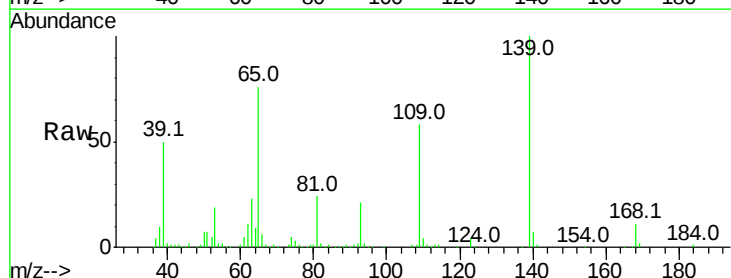


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

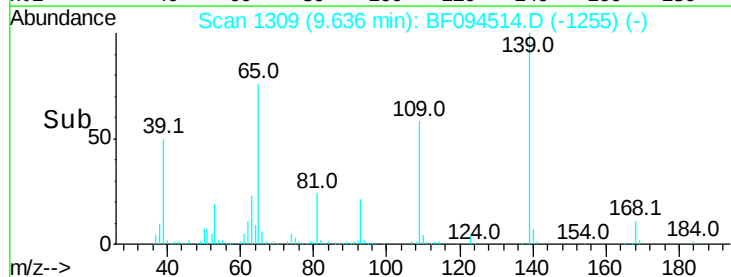
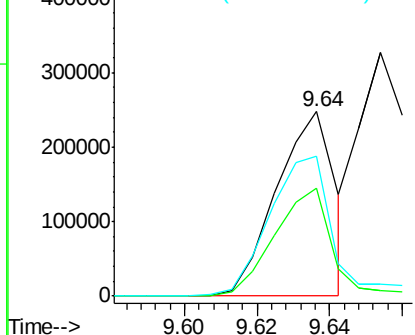


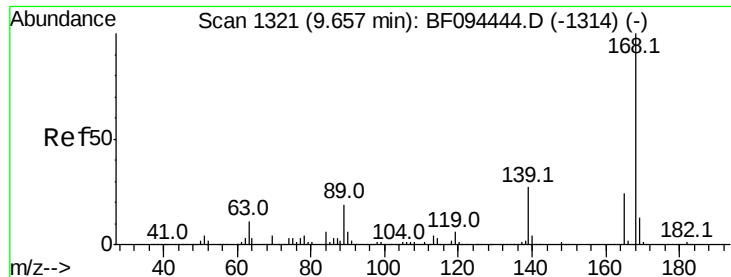
#55
4-Nitrophenol
Concen: 93.50 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

Tgt Ion:139 Resp: 277762
Ion Ratio Lower Upper
139 100
109 58.4 34.1 74.1
65 75.8 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

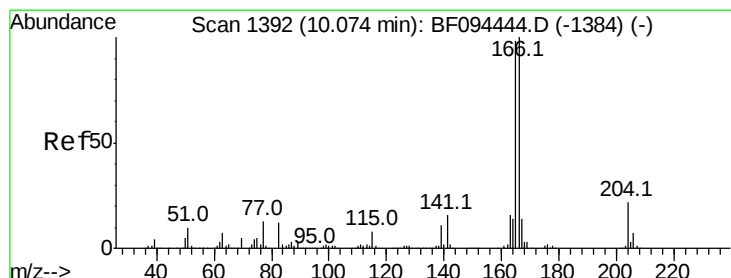
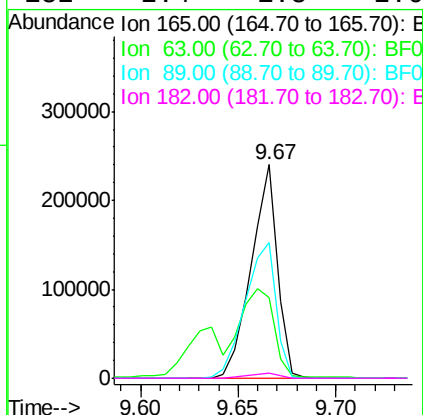
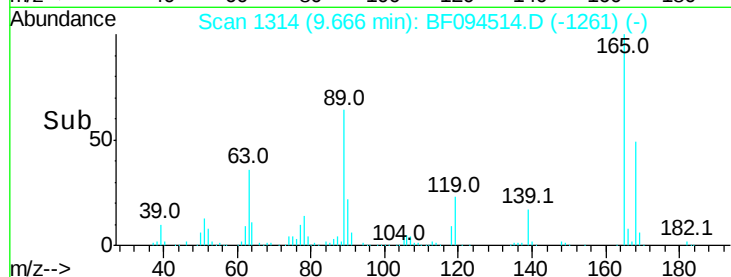
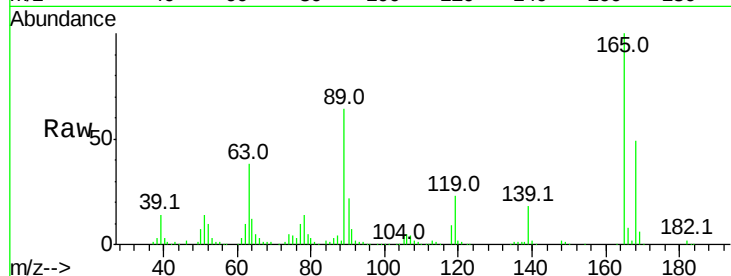




#56
 2,4-Dinitrotoluene
 Concen: 50.24 ng
 RT: 9.67 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

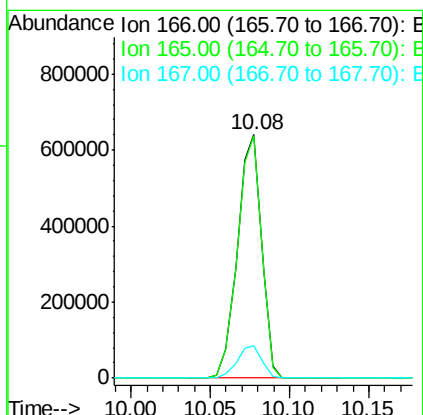
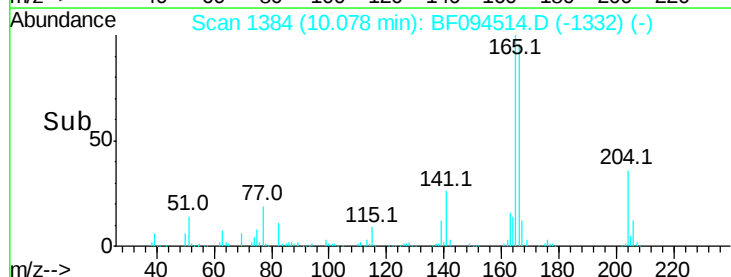
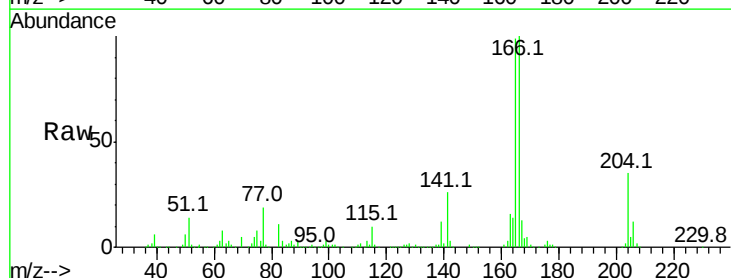
Instrument :
 BNA_F
 ClientSampled :

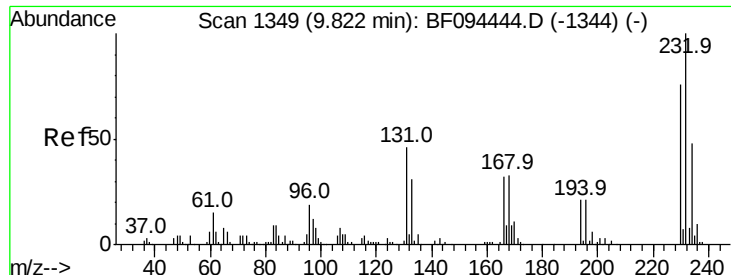
Tot Ion:	165	Resp:	224061
Ion	Ratio	Lower	Upper
165	100		
63	38.0	25.4	38.0
89	63.8	46.4	69.6
182	2.4	1.8	2.6



#57
 Fluorene
 Concen: 44.99 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

Tgt Ion:	166	Resp:	671132
Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.8	118.2
167	13.2	10.6	16.0

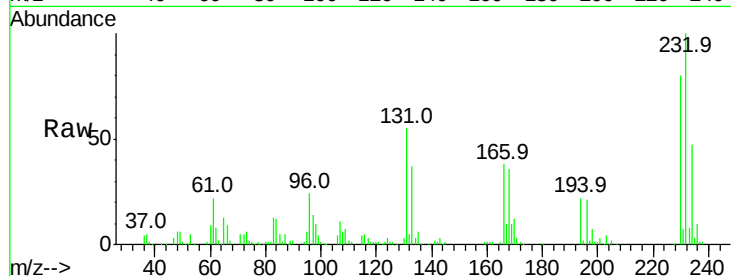




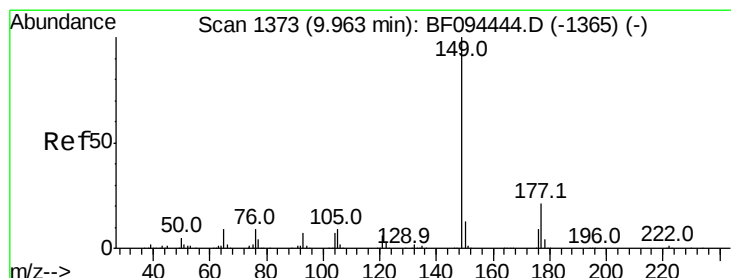
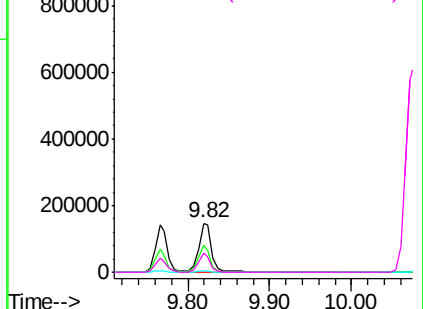
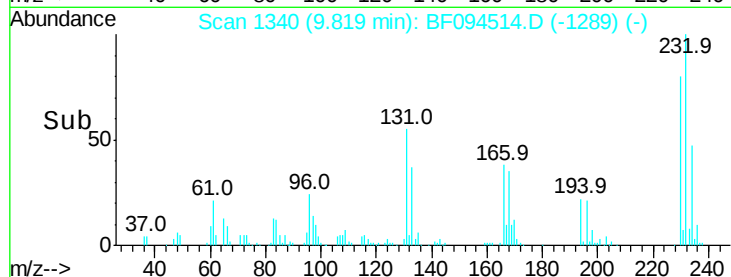
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.93 ng
 RT: 9.82 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 159693
 Ion Ratio Lower Upper
 232 100
 131 50.3 44.8 67.2
 130 2.3 2.3 3.5
 166 35.1 29.0 43.4

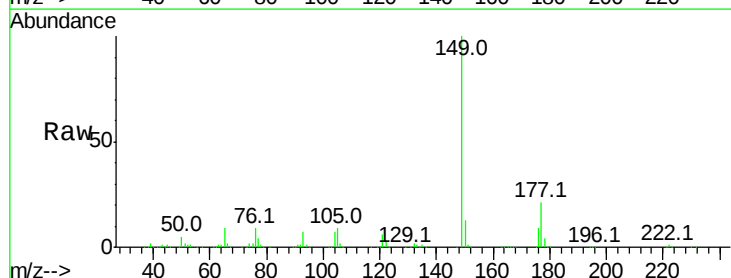


Abundance Ion 232.00 (231.70 to 232.70): E
 1000000
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

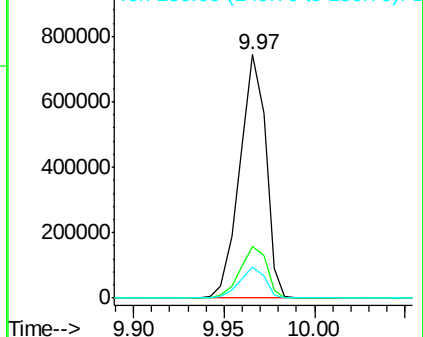
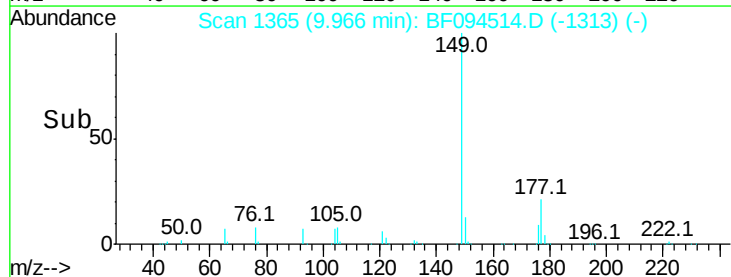


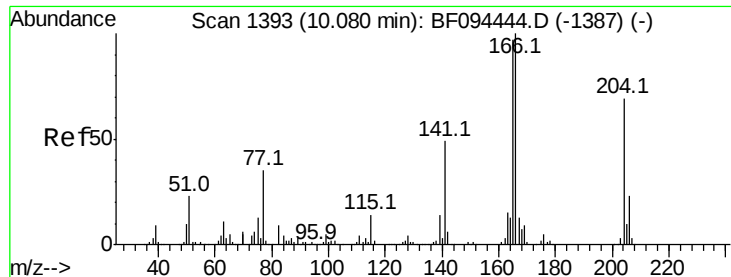
#59
 Diethylphthalate
 Concen: 48.79 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

Tgt Ion:149 Resp: 745441
 Ion Ratio Lower Upper
 149 100
 177 21.4 16.7 25.1
 150 12.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 1000000
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

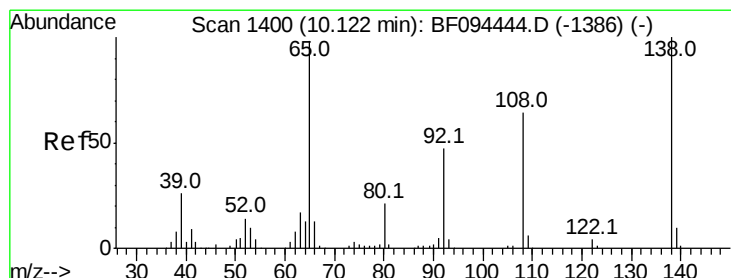
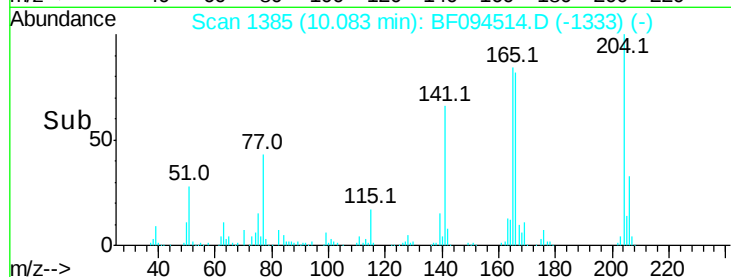
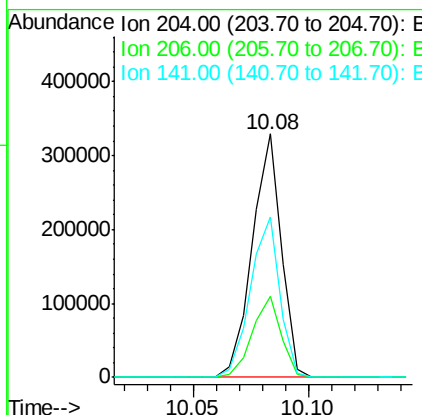
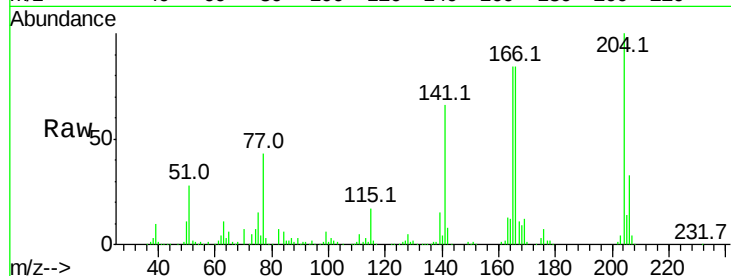




#60
4-Chlorophenyl-phenylether
Concen: 46.56 ng
RT: 10.08 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

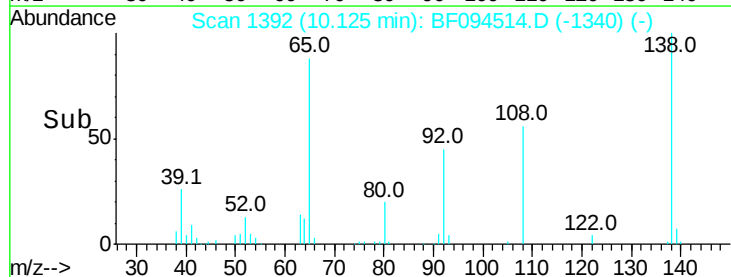
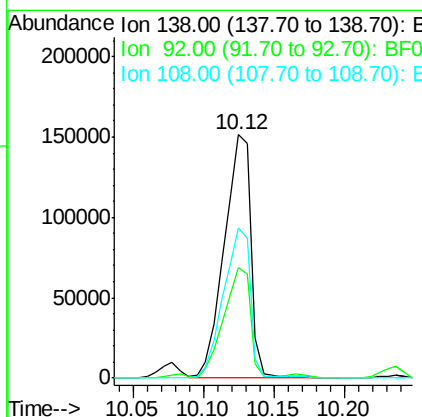
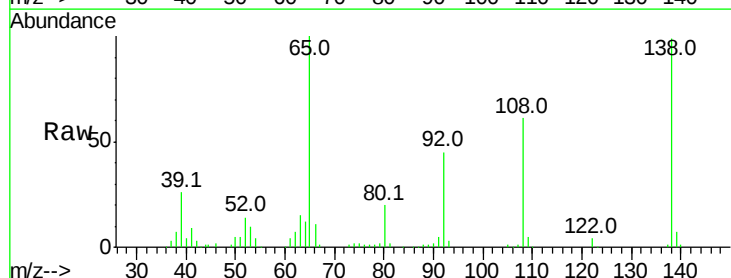
Instrument :
BNA_F
ClientSampled :

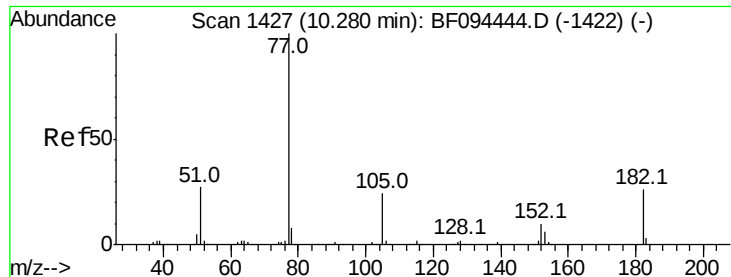
Tot Ion:204 Resp: 289043
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 65.8 60.8 91.2



#61
4-Nitroaniline
Concen: 46.53 ng
RT: 10.12 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

Tgt Ion:138 Resp: 198930
Ion Ratio Lower Upper
138 100
92 45.3 21.8 61.8
108 61.5 42.3 82.3





#62

Azobenzene

Concen: 47.41 ng

RT: 10.28 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 703377

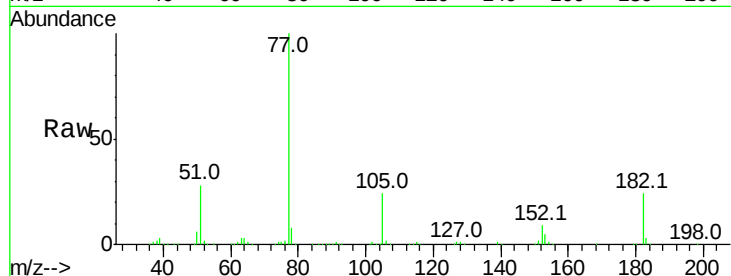
Ion	Ratio	Lower	Upper
77	100		
182	23.8	0.1	40.1
105	23.8	3.6	43.6
51	27.9	9.4	49.4

77 100

182 23.8 0.1 40.1

105 23.8 3.6 43.6

51 27.9 9.4 49.4

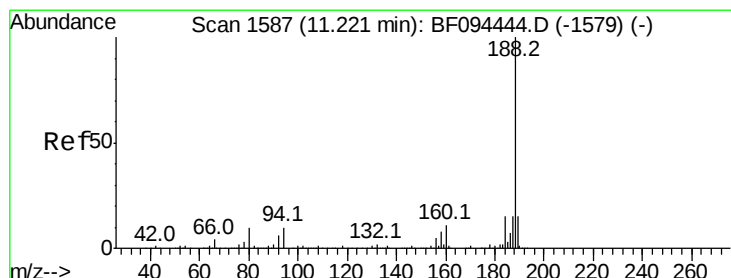
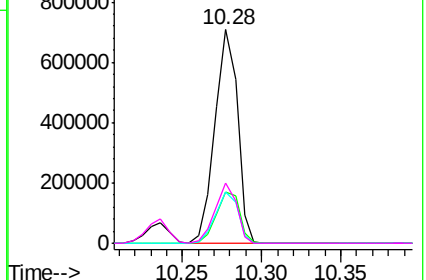
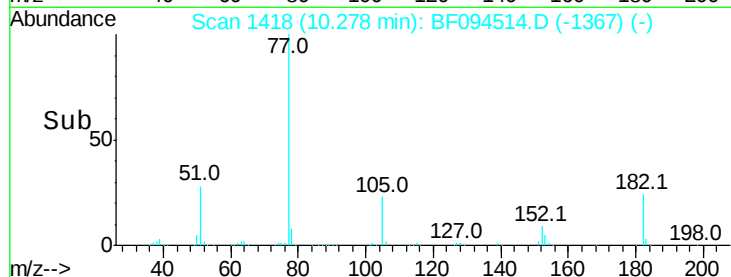


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

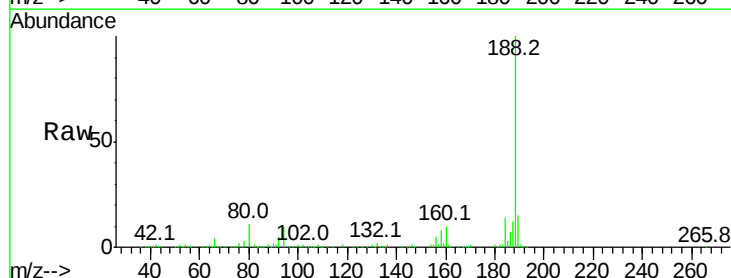
Tgt Ion: 188 Resp: 412764

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	11.0	10.2	15.2

188 100

94 10.4 9.4 14.2

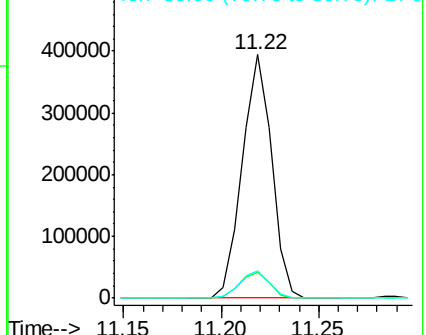
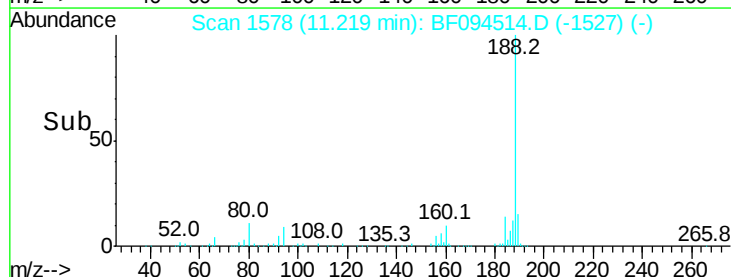
80 11.0 10.2 15.2

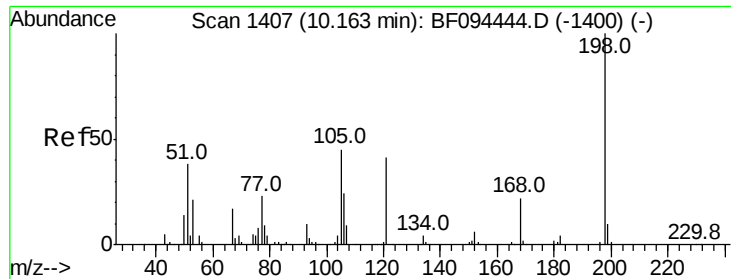


Abundance Ion 188.00 (187.70 to 188.70): BF0

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: 37.92 ng

RT: 10.17 min Scan# 1400

Delta R.T. 0.01 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

Instrument :

BNA_F

ClientSampled :

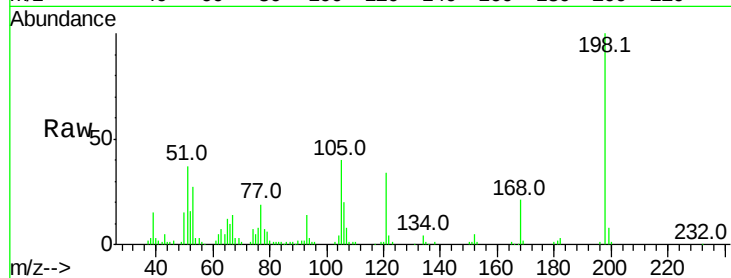
Tot Ion:198 Resp: 102551

Ion Ratio Lower Upper

198 100

51 36.8 53.2 93.2#

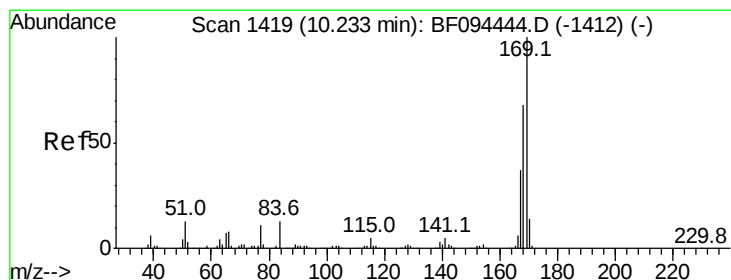
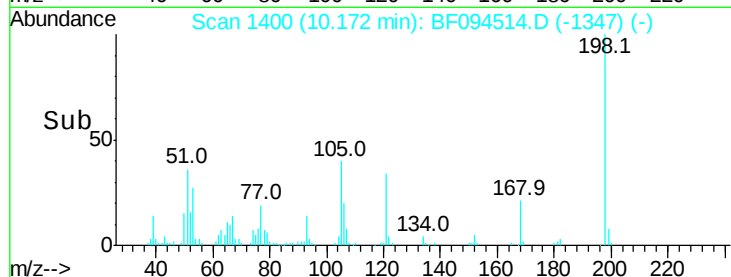
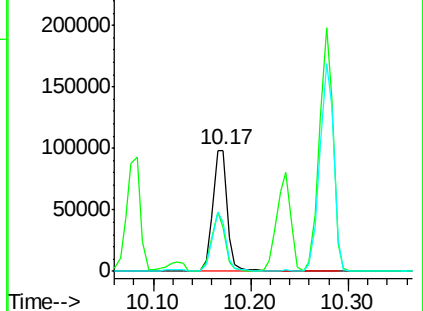
105 40.2 45.8 85.8#



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: 44.26 ng

RT: 10.24 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

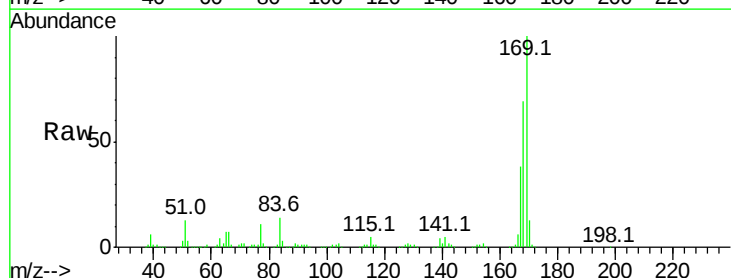
Tgt Ion:169 Resp: 635384

Ion Ratio Lower Upper

169 100

168 68.7 53.2 79.8

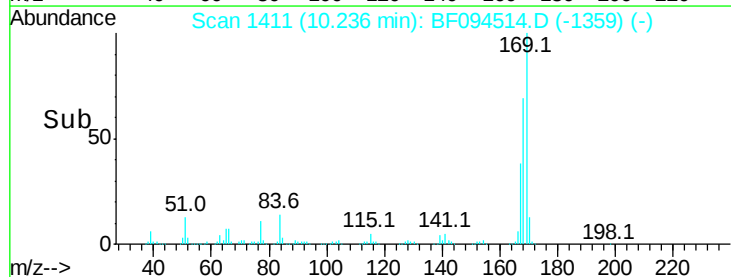
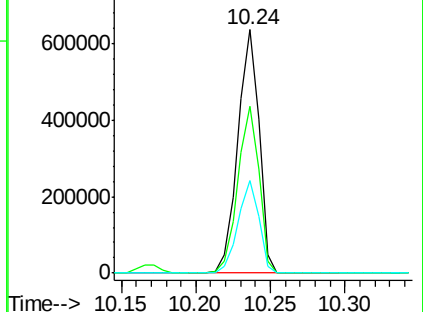
167 38.1 29.5 44.3

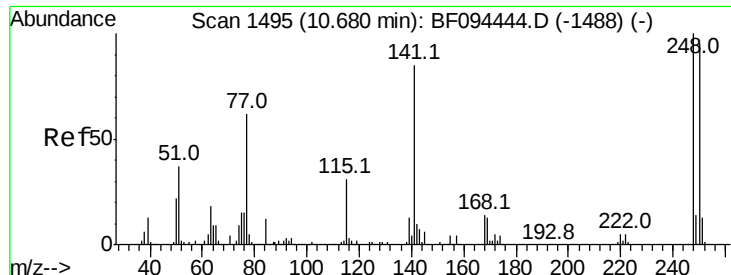


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

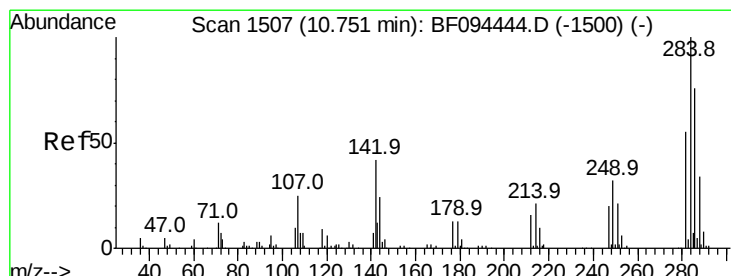
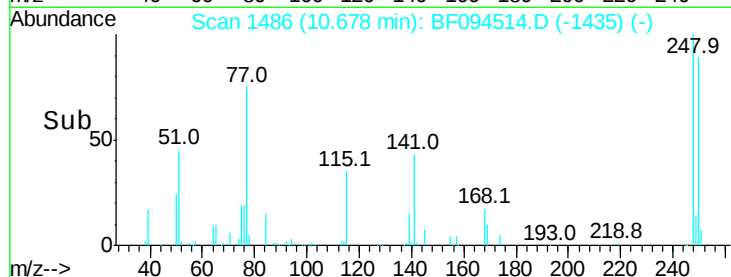
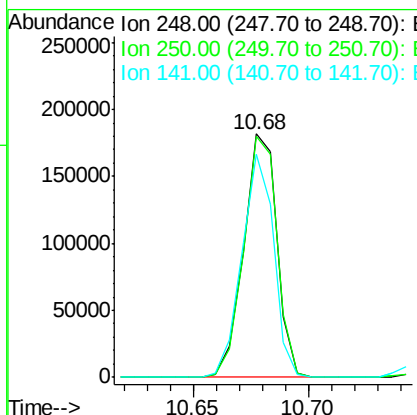
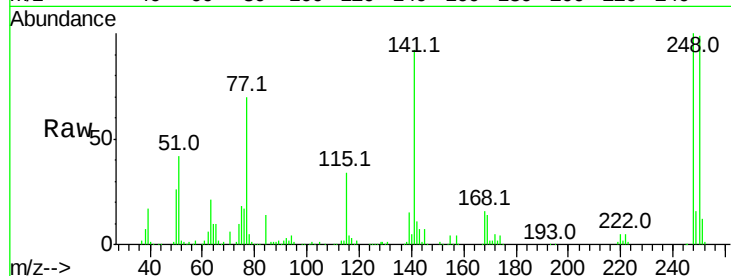




#66
 4-Bromophenyl-phenylether
 Concen: 44.69 ng
 RT: 10.68 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

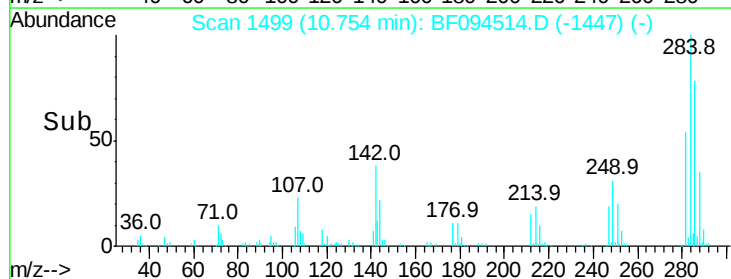
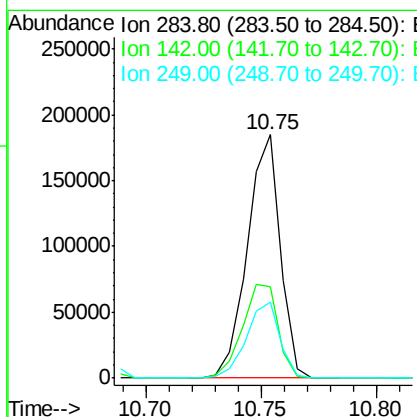
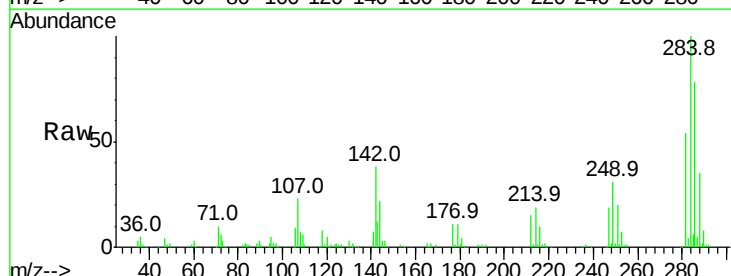
Instrument :
 BNA_F
 ClientSampled :

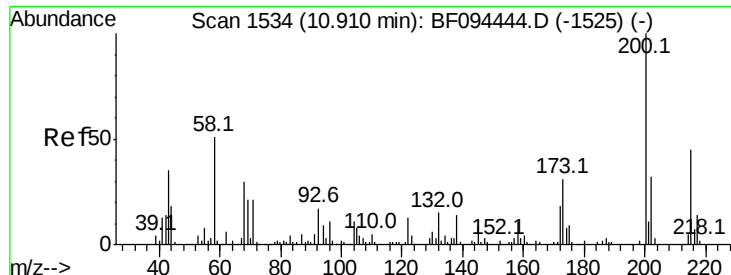
Tot Ion:248 Resp: 183187
 Ion Ratio Lower Upper
 248 100
 250 98.8 76.8 115.2
 141 91.9 68.6 103.0



#67
 Hexachlorobenzene
 Concen: 44.51 ng
 RT: 10.75 min Scan# 1499
 Delta R.T. 0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

Tgt Ion:284 Resp: 183847
 Ion Ratio Lower Upper
 284 100
 142 37.6 22.8 34.2#
 249 31.2 24.0 36.0

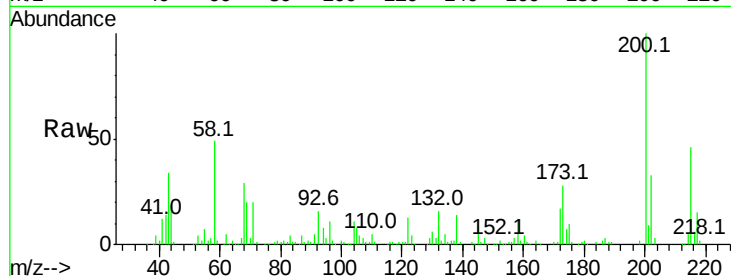




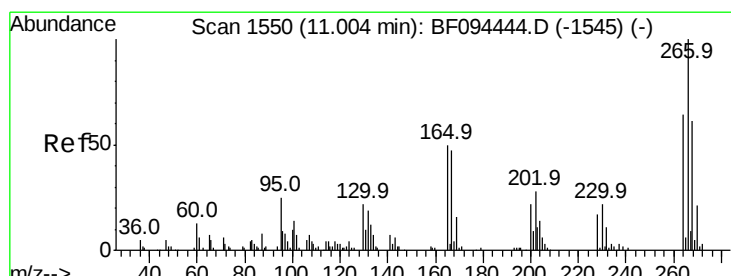
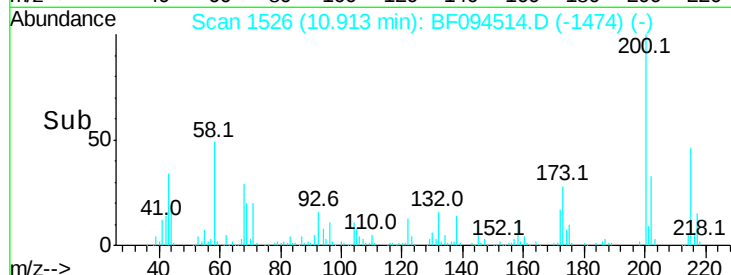
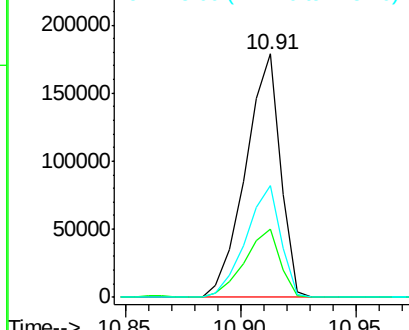
#68
Atrazine
Concen: 43.88 ng
RT: 10.91 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	6.3	46.3
215	45.9	27.2	67.2

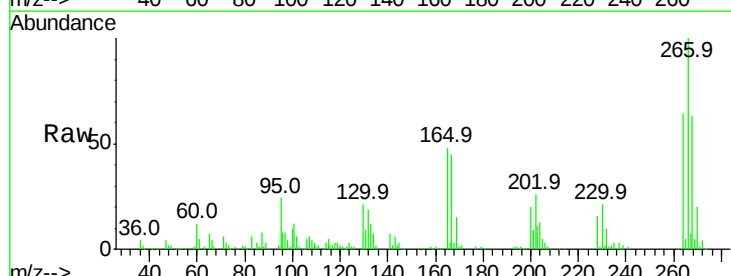


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

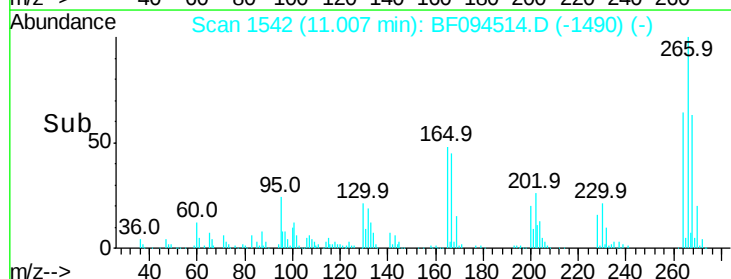
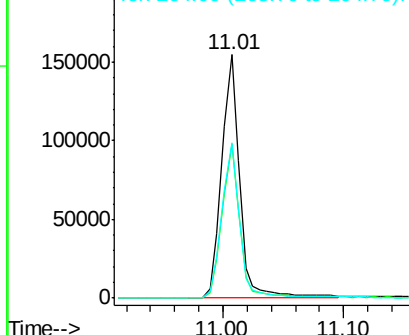


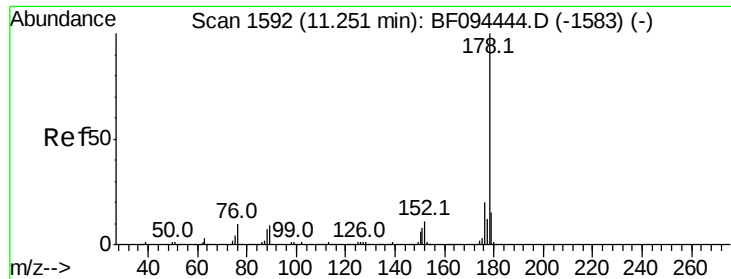
#69
Pentachlorophenol
Concen: 98.09 ng
RT: 11.01 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.1	76.7
264	63.9	51.7	77.5



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

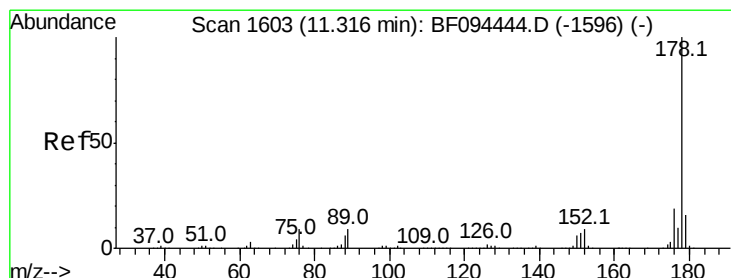
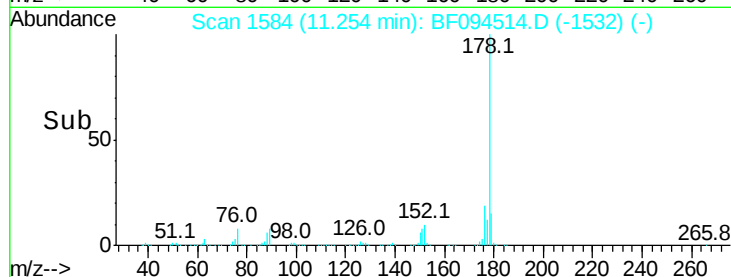
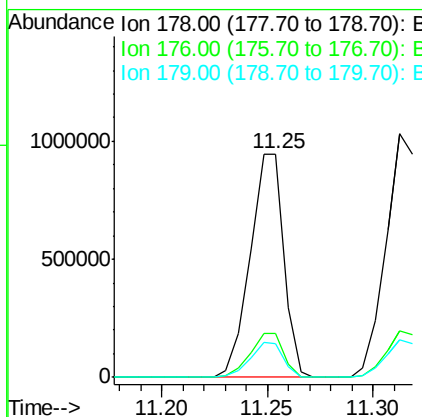
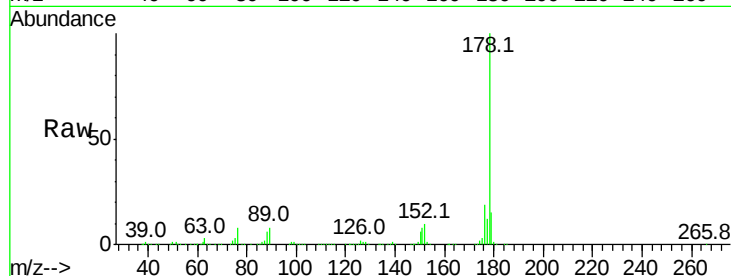




#70
Phenanthrene
Concen: 45.19 ng
RT: 11.25 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

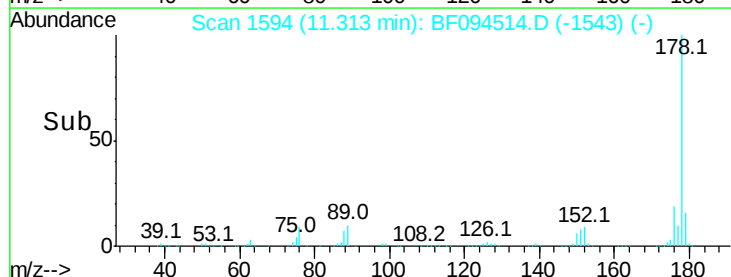
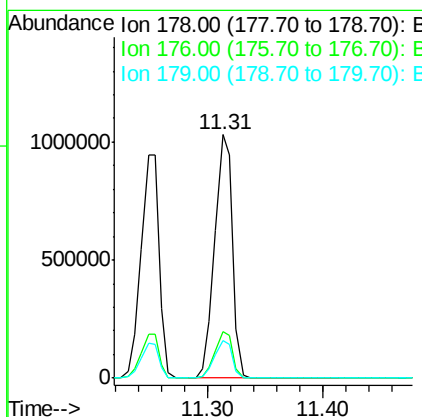
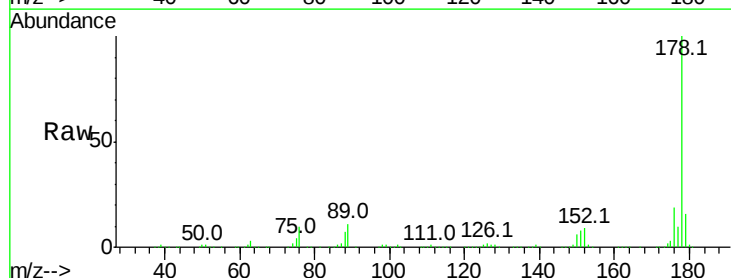
Instrument :
BNA_F
ClientSampleId :

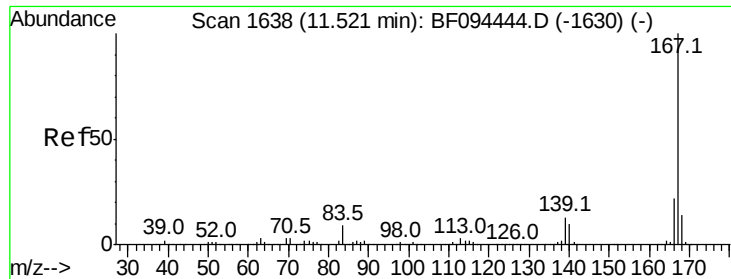
Tot Ion:178 Resp: 1050389
Ion Ratio Lower Upper
178 100
176 19.4 16.2 24.4
179 15.4 12.6 19.0



#71
Anthracene
Concen: 45.75 ng
RT: 11.31 min Scan# 1594
Delta R.T. -0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

Tgt Ion:178 Resp: 1100064
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.8
179 15.7 12.7 19.1





#72

Carbazole

Concen: 47.55 ng

RT: 11.52 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

Instrument :

BNA_F

ClientSampleId :

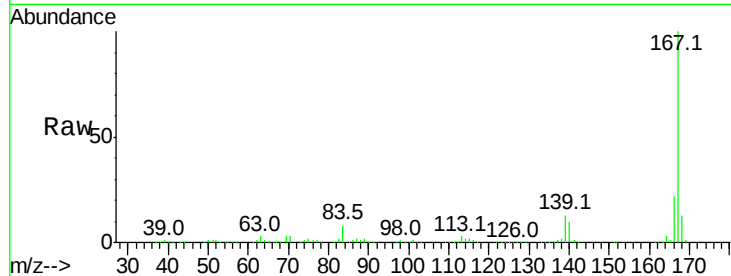
Tot Ion:167 Resp: 1072976

Ion Ratio Lower Upper

167 100

166 22.1 18.1 27.1

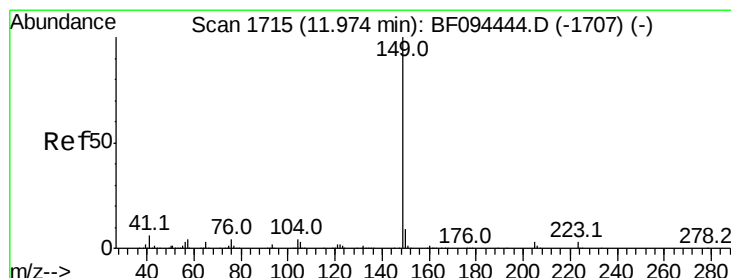
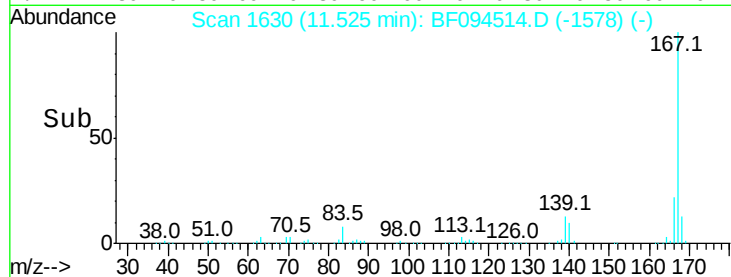
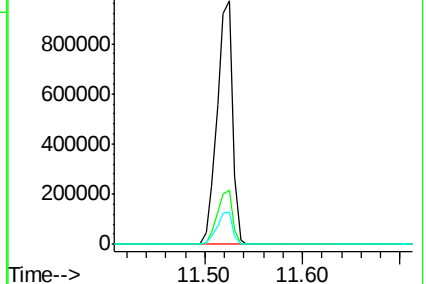
139 13.2 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 52.28 ng

RT: 11.97 min Scan# 1706

Delta R.T. -0.00 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

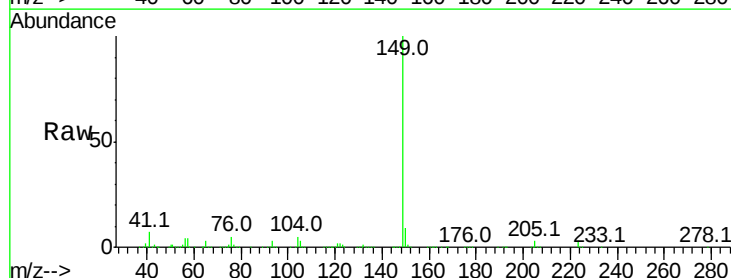
Tgt Ion:149 Resp: 1298984

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

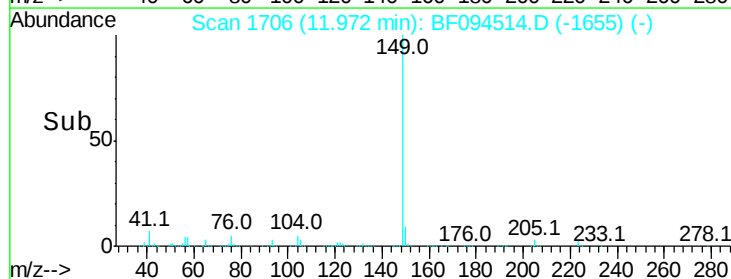
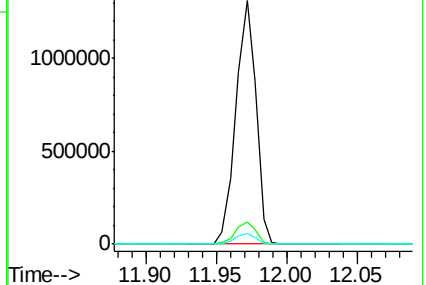
104 4.5 4.0 6.0

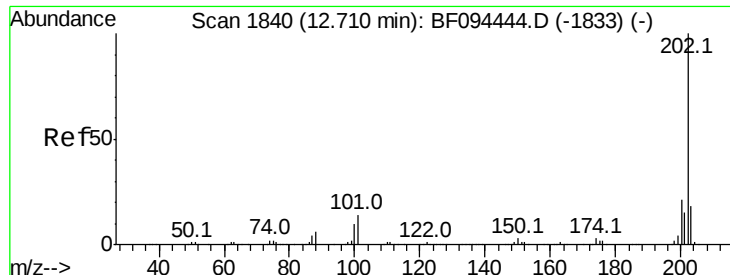


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

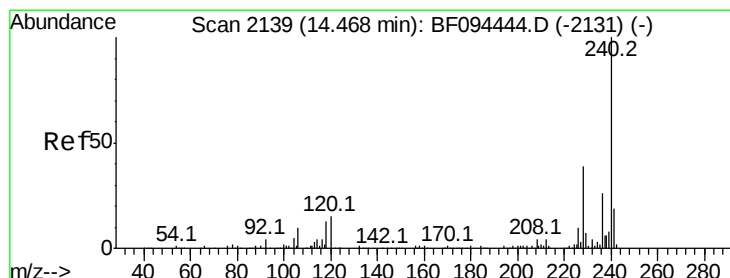
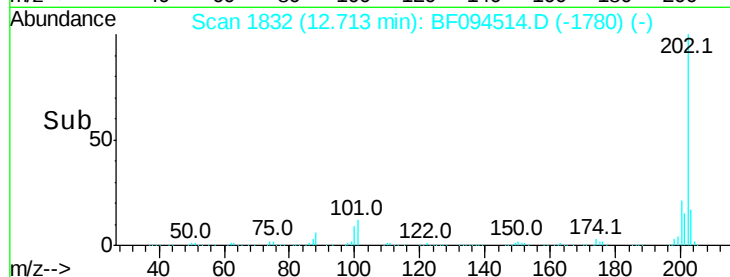
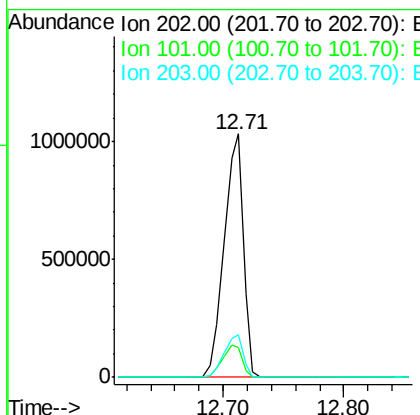
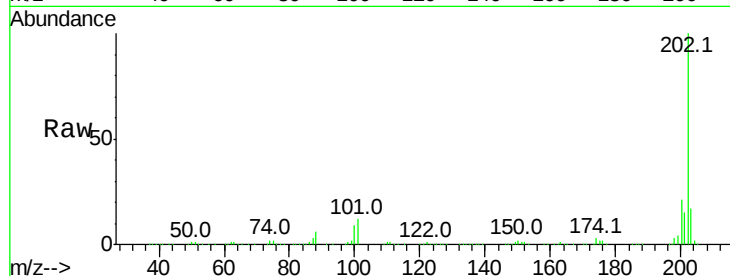




#74
 Fluoranthene
 Concen: 47.14 ng
 RT: 12.71 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

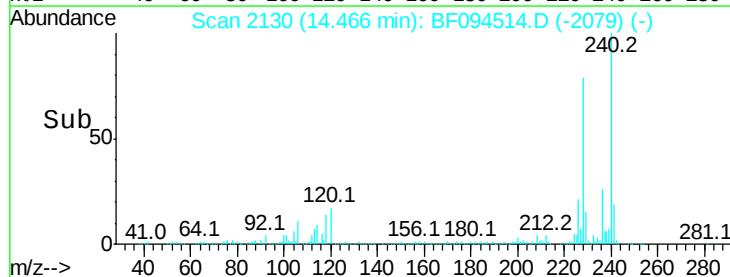
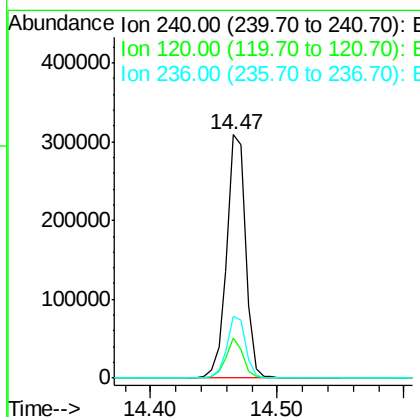
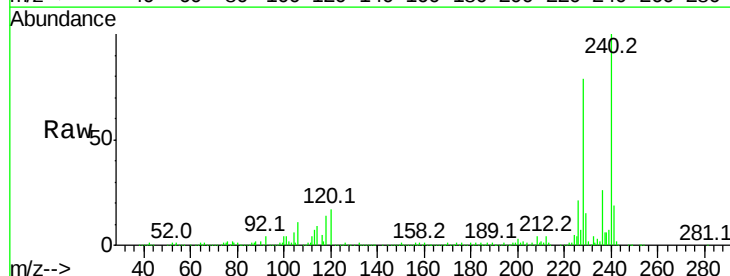
Instrument :
 BNA_F
 ClientSampleId :

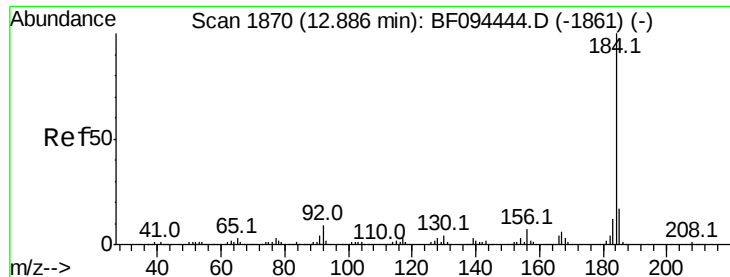
Tot Ion:202 Resp: 1135512
 Ion Ratio Lower Upper
 202 100
 101 12.4 0.0 33.2
 203 17.5 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

Tgt Ion:240 Resp: 318224
 Ion Ratio Lower Upper
 240 100
 120 16.5 5.8 8.8#
 236 25.6 20.5 30.7

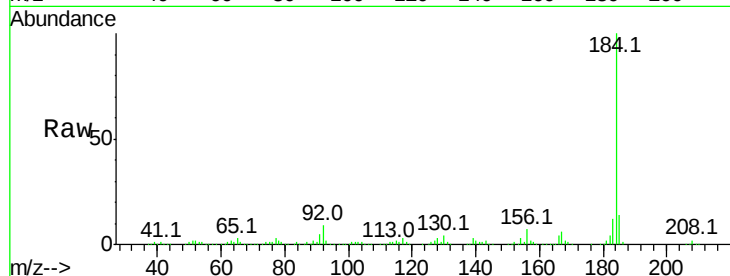




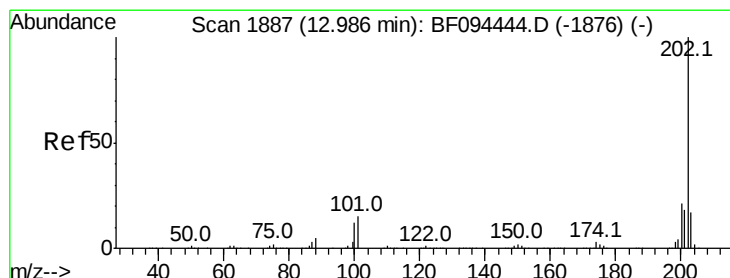
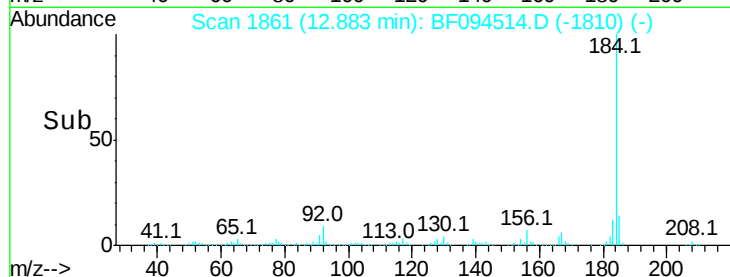
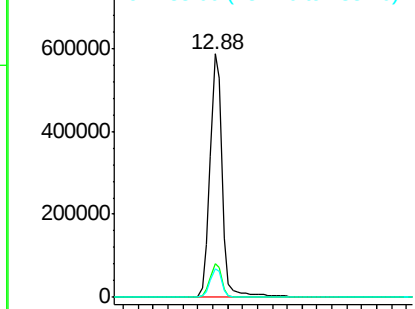
#76
Benzidine
Concen: 51.96 ng
RT: 12.88 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 669544
Ion Ratio Lower Upper
184 100
185 14.0 15.5 23.3#
183 11.8 9.8 14.6

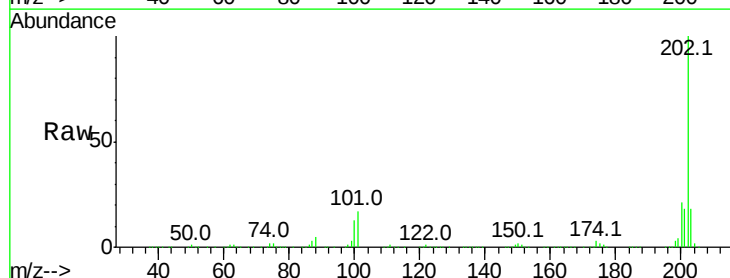


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

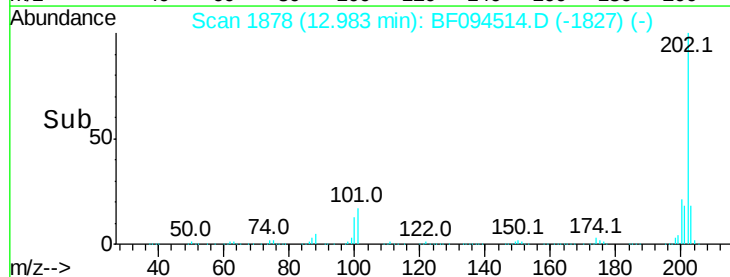
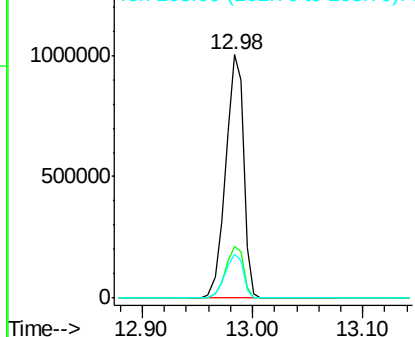


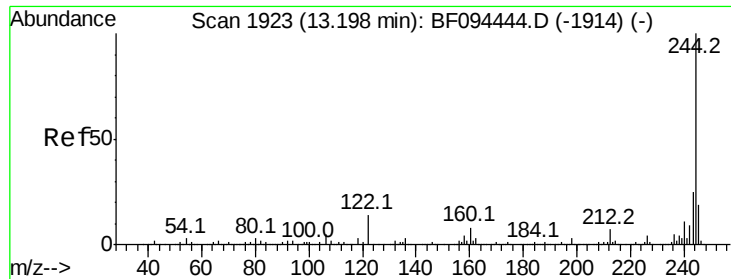
#77
Pyrene
Concen: 51.40 ng
RT: 12.98 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

Tgt Ion:202 Resp: 1142705
Ion Ratio Lower Upper
202 100
200 21.3 17.6 26.4
203 17.9 14.4 21.6



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

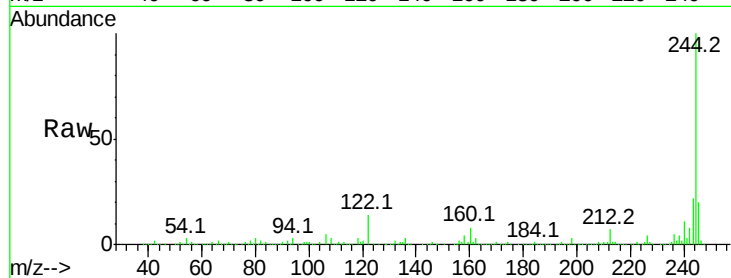




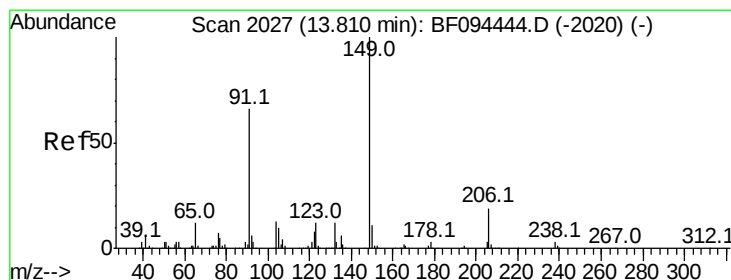
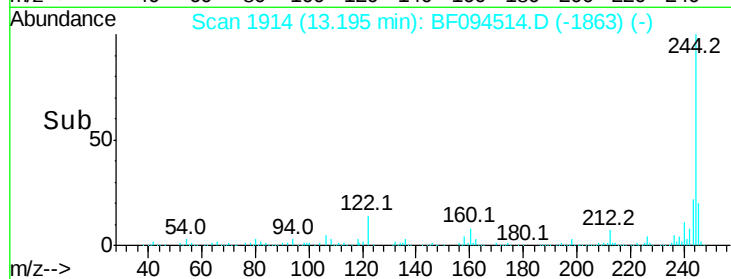
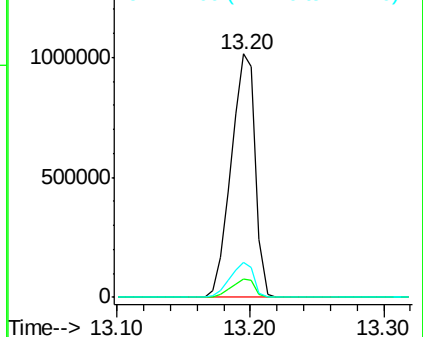
#78
 Terphenyl-d14
 Concen: 107.76 ng
 RT: 13.20 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1282954
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.3 10.3 15.5

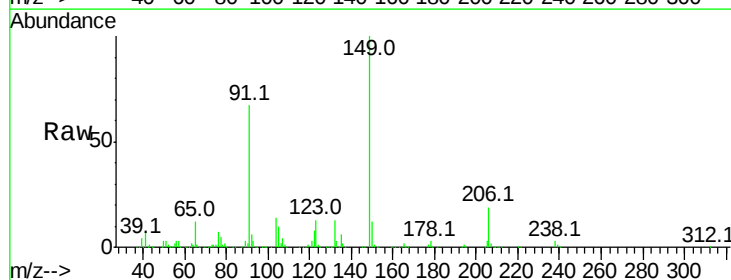


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

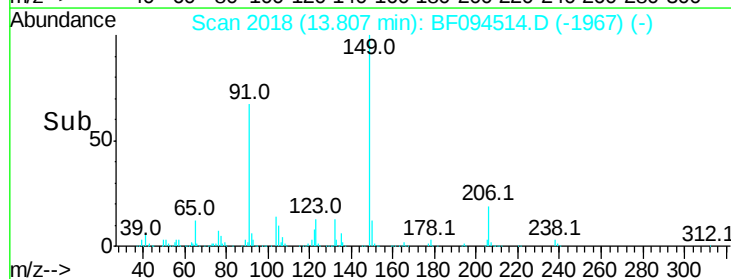
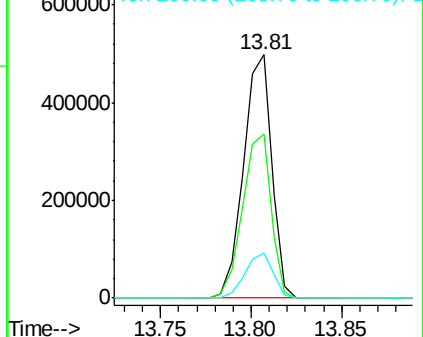


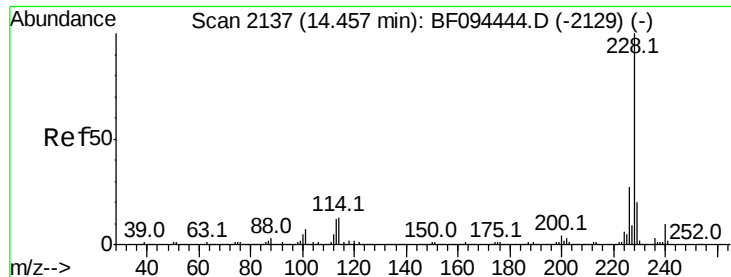
#79
 Butylbenzylphthalate
 Concen: 55.16 ng
 RT: 13.81 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

Tgt Ion:149 Resp: 537431
 Ion Ratio Lower Upper
 149 100
 91 67.3 45.0 67.4
 206 18.8 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 47.35 ng

RT: 14.45 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

Instrument :

BNA_F

ClientSampleId :

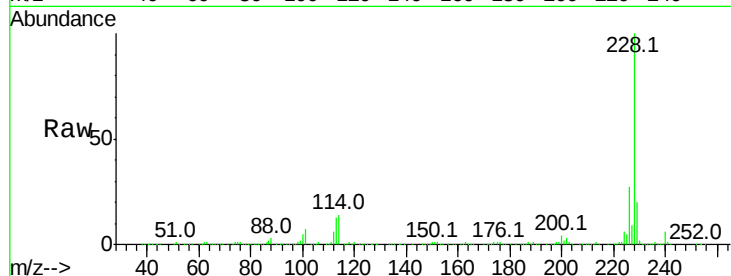
Tot Ion:228 Resp: 875723

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

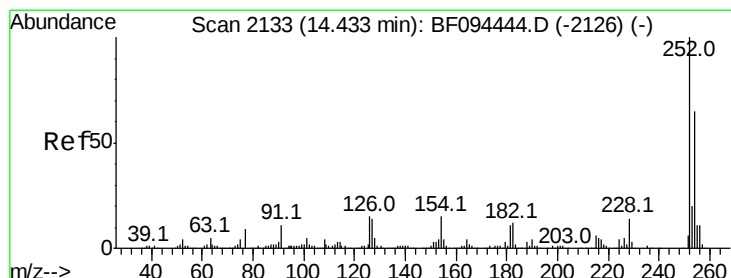
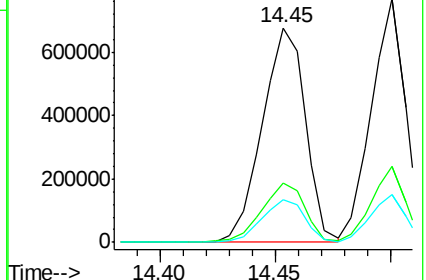
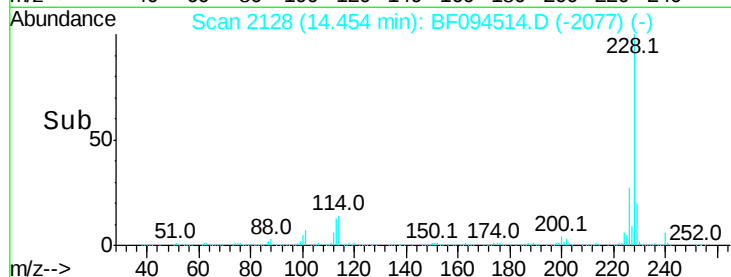
229 20.1 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 41.85 ng

RT: 14.43 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

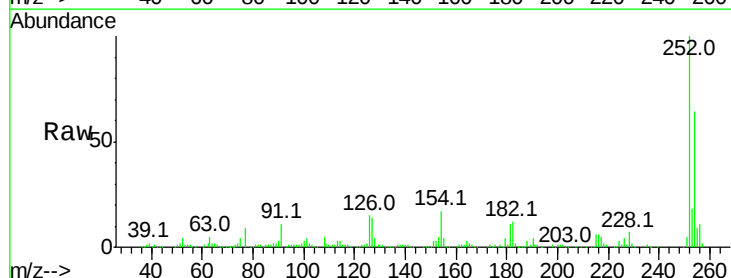
Tgt Ion:252 Resp: 274036

Ion Ratio Lower Upper

252 100

254 64.1 51.5 77.3

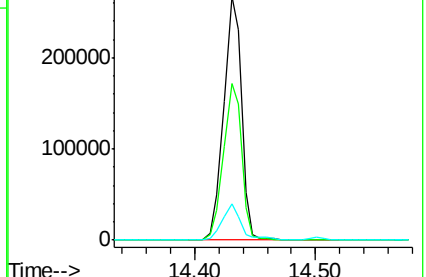
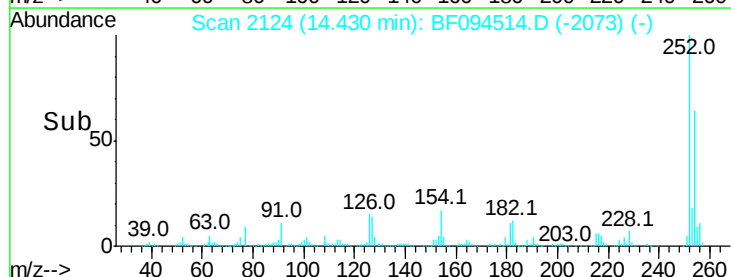
126 15.1 15.8 23.8#

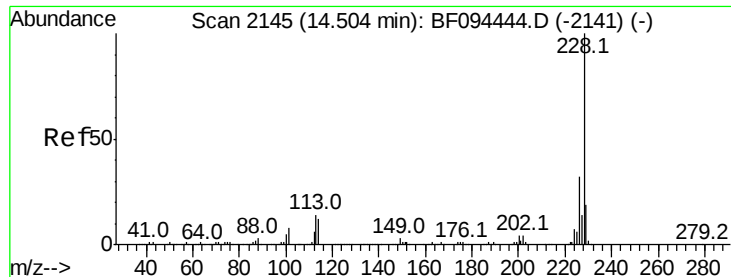


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

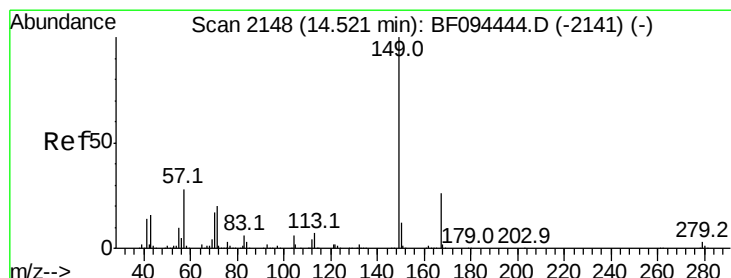
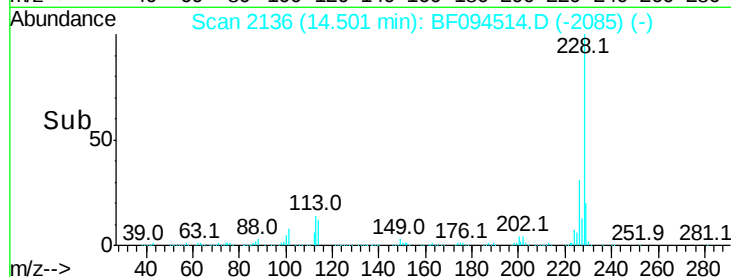
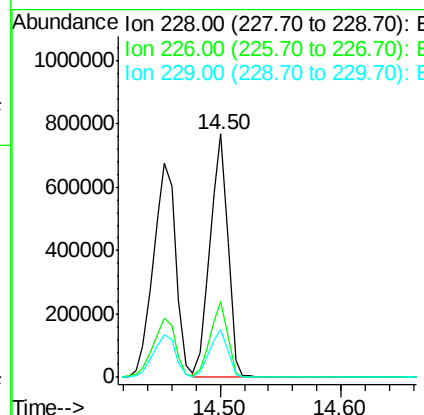
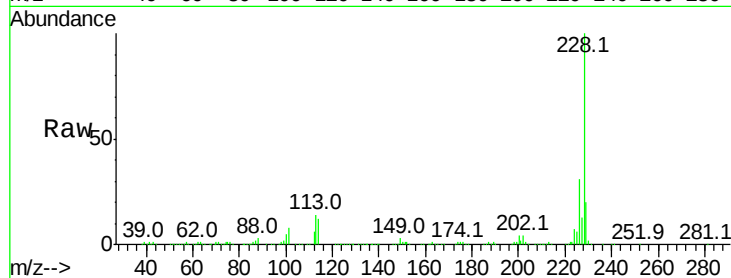




#82
 Chrvsene
 Concen: 46.50 ng
 RT: 14.50 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

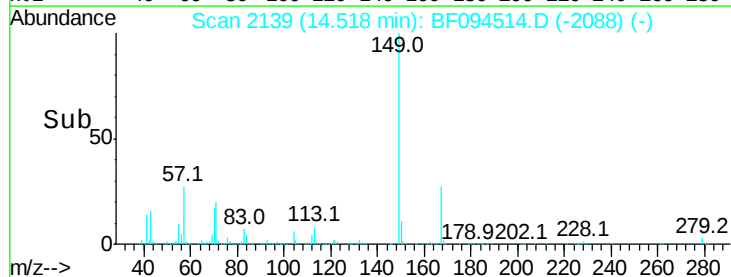
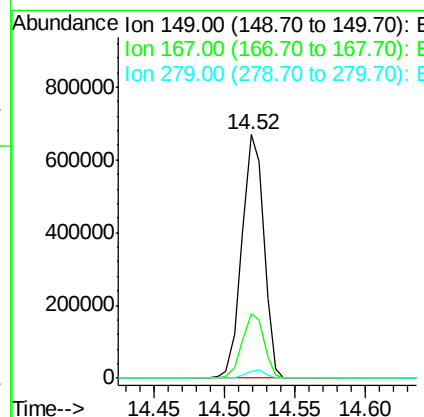
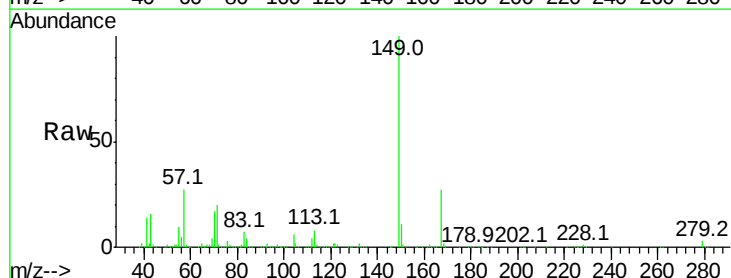
Instrument :
 BNA_F
 ClientSampled :

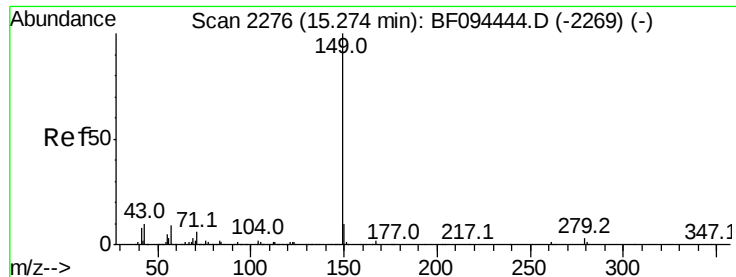
Tot Ion:228 Resp: 786041
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.9 37.3
 229 19.7 15.8 23.6



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.49 ng
 RT: 14.52 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

Tgt Ion:149 Resp: 725917
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.0 31.4
 279 3.0 1.9 2.9#

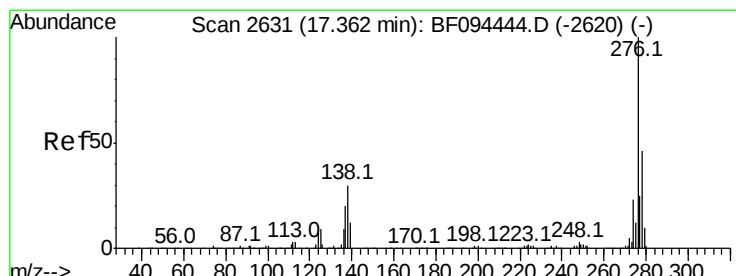
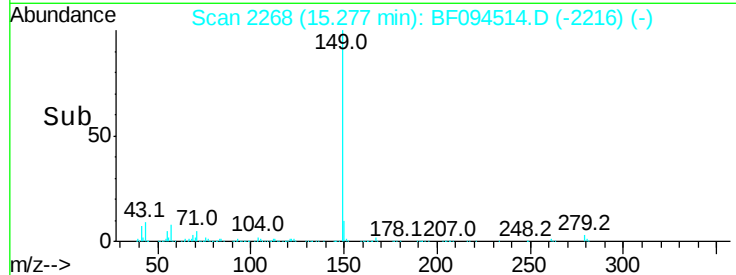
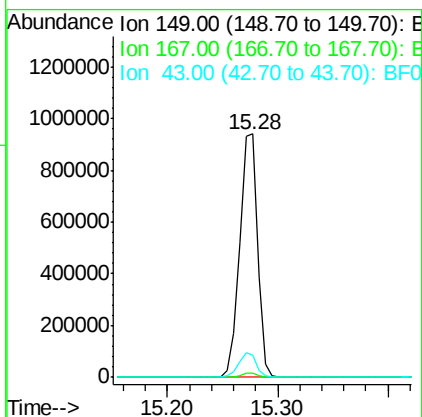
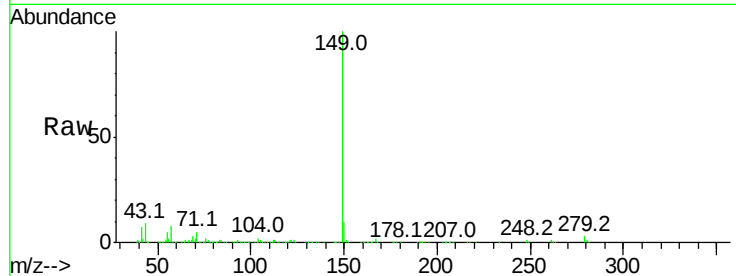




#84
Di-n-octyl phthalate
Concen: 48.99 ng
RT: 15.28 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

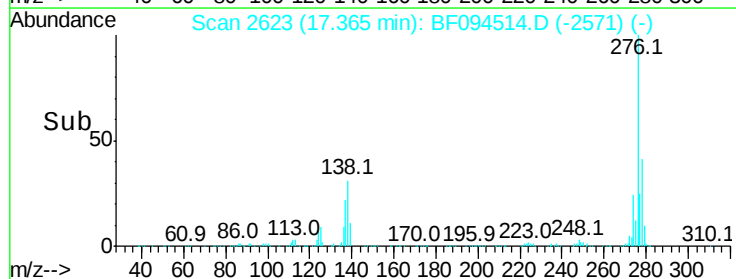
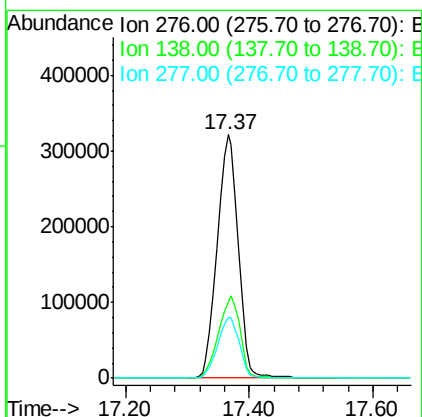
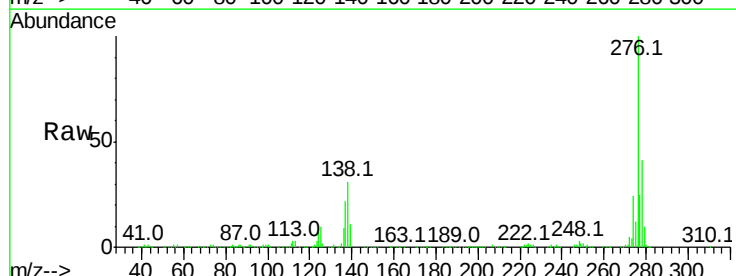
Instrument :
BNA_F
ClientSampleId :

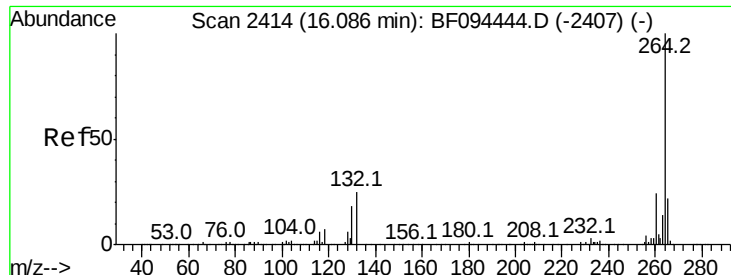
Tot Ion:149 Resp: 1075101
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.8 8.5 12.7



#85
Indeno(1,2,3-cd)pyrene
Concen: 47.31 ng
RT: 17.37 min Scan# 2623
Delta R.T. 0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

Tgt Ion:276 Resp: 761004
Ion Ratio Lower Upper
276 100
138 34.4 27.8 41.6
277 25.8 20.2 30.4

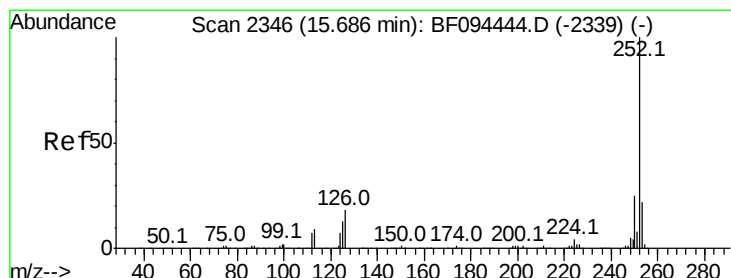
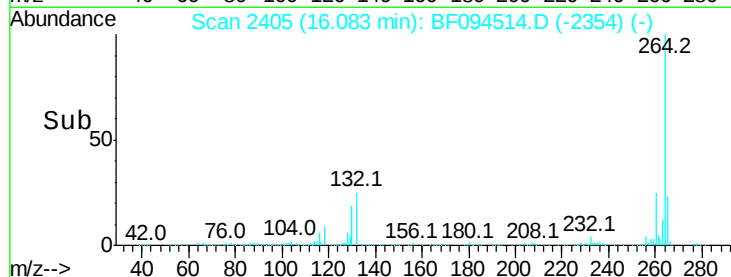
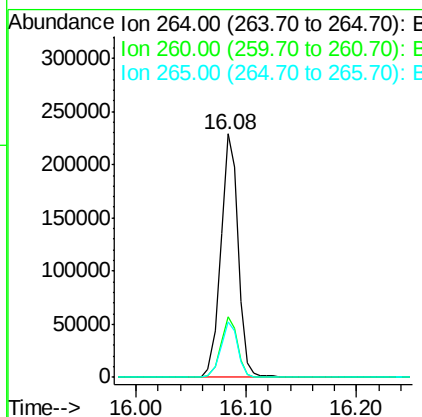
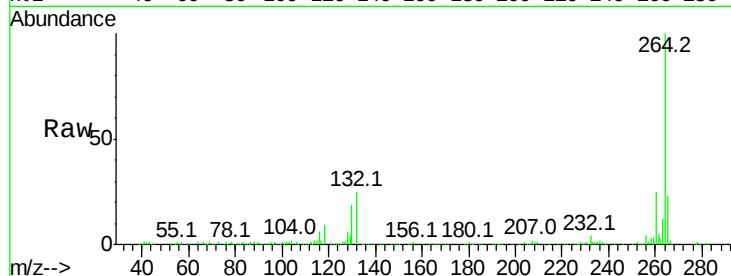




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

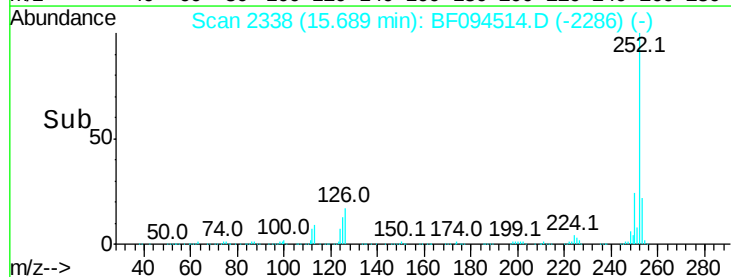
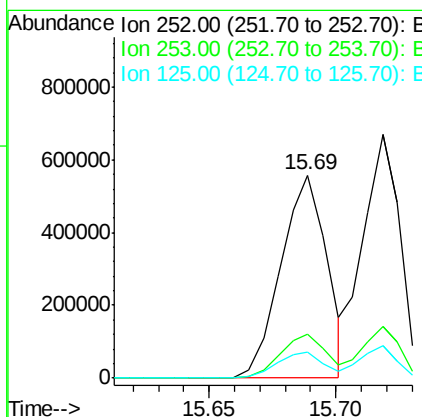
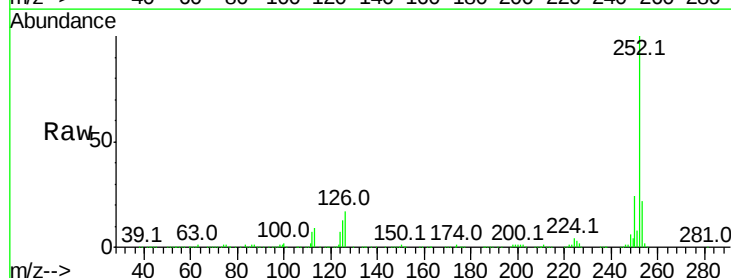
Instrument :
BNA_F
ClientSampleId :

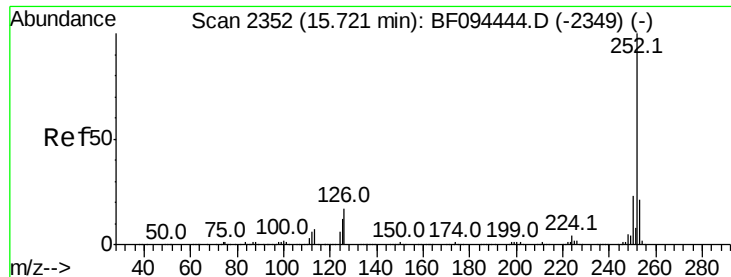
Tot Ion:264 Resp: 251467
Ion Ratio Lower Upper
264 100
260 24.8 19.5 29.3
265 22.6 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 45.67 ng
RT: 15.69 min Scan# 2338
Delta R.T. 0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

Tgt Ion:252 Resp: 702538
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 12.7 9.8 14.8

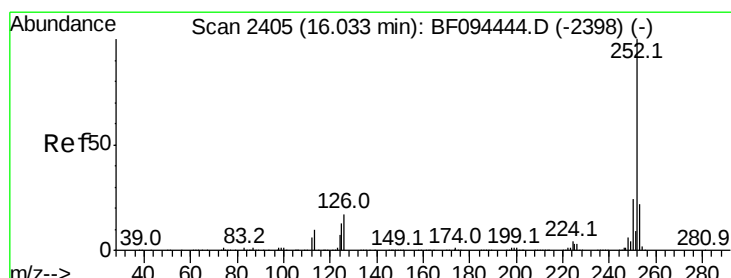
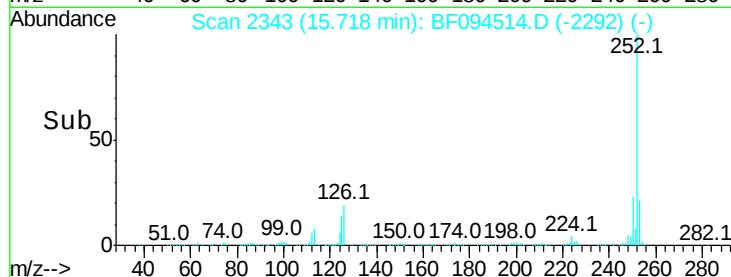
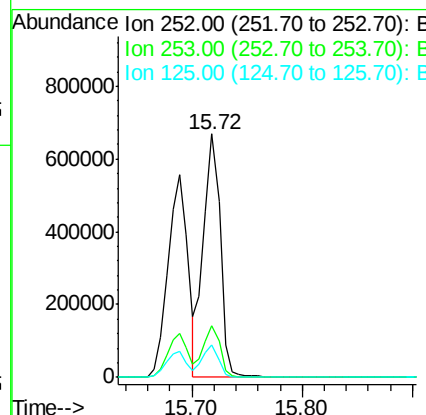
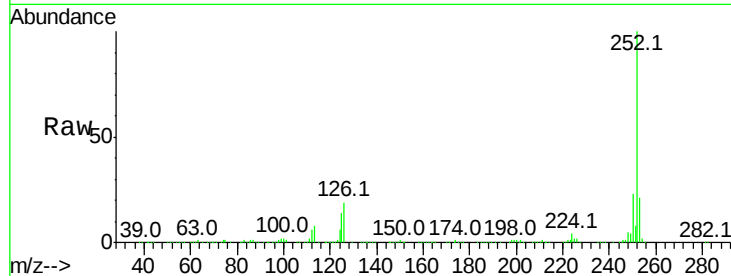




#88
Benzo(k)fluoranthene
Concen: 47.62 ng
RT: 15.72 min Scan# 2343
Delta R.T. -0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

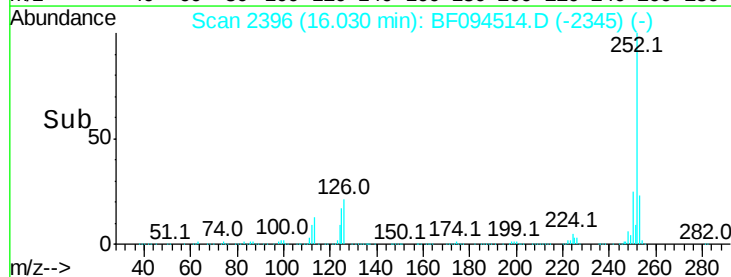
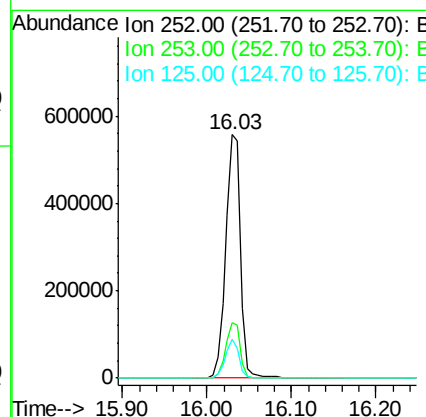
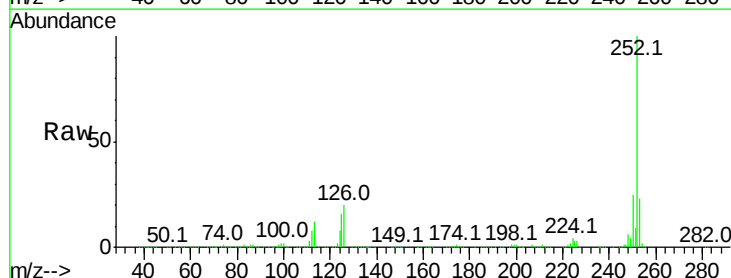
Instrument :
BNA_F
ClientSampleId :

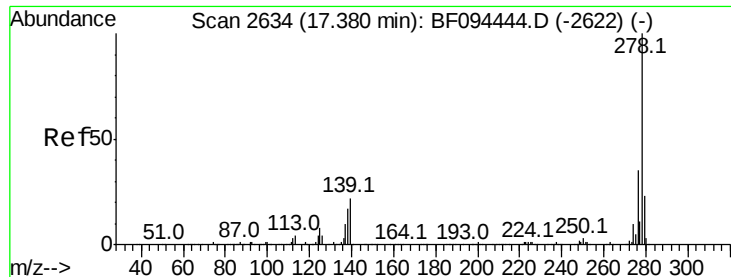
Tot Ion:252 Resp: 693227
Ion Ratio Lower Upper
252 100
253 21.4 18.4 27.6
125 13.6 13.1 19.7



#89
Benzo(a)pyrene
Concen: 47.29 ng
RT: 16.03 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

Tgt Ion:252 Resp: 676761
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 15.7 11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 53.40 ng

RT: 17.38 min Scan# 2626

Delta R.T. 0.00 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

Instrument :

BNA_F

ClientSampleId :

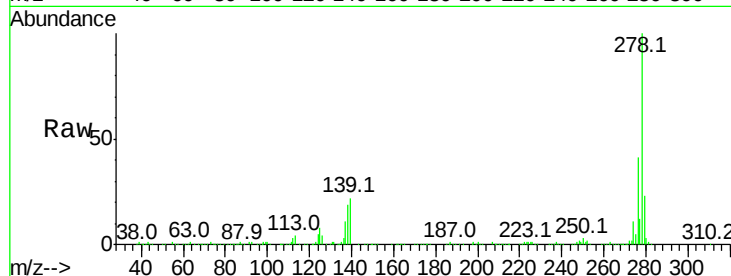
Tot Ion:278 Resp: 634578

Ion Ratio Lower Upper

278 100

139 22.2 16.6 24.8

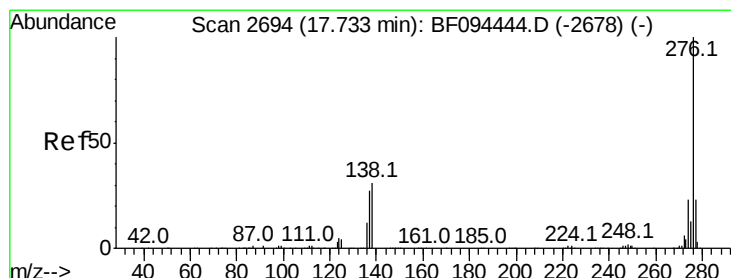
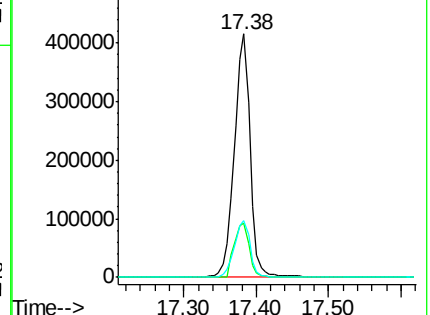
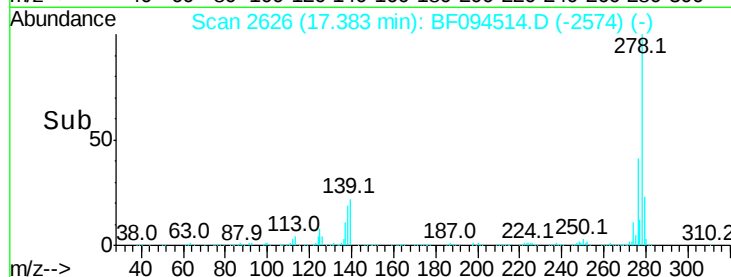
279 23.3 19.3 28.9



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(g,h,i)perylene

Concen: 54.88 ng

RT: 17.74 min Scan# 2687

Delta R.T. 0.01 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

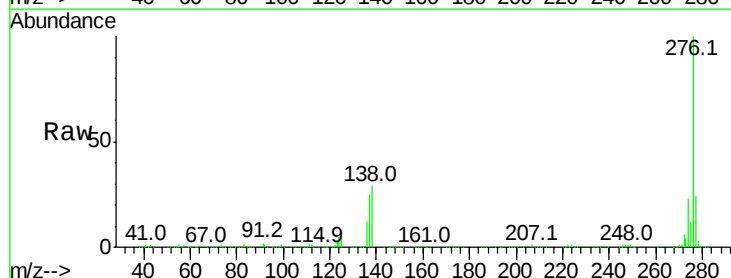
Tgt Ion:276 Resp: 663922

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 29.3 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

