

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 :
 PB98329BS

Quant Time: Apr 20 04:05:59 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	100928m	47.98	ng	
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

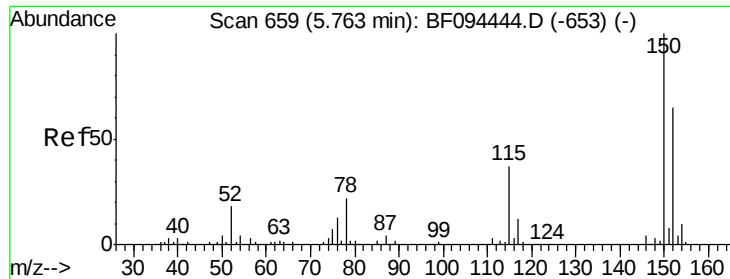
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46) 2-Chloronaphthalene	8.72	162	555082	39.32	ng	95
47) 2-Nitroaniline	8.86	65	188564	46.44	ng	# 83
48) Acenaphthylene	9.23	152	916937	41.67	ng	99
49) Dimethylphthalate	9.11	163	771400	47.64	ng	98
50) 2,6-Dinitrotoluene	9.17	165	173027	47.61	ng	# 89
51) Acenaphthene	9.44	154	557402	42.29	ng	99
52) 3-Nitroaniline	9.37	138	195745	46.55	ng	86
53) 2,4-Dinitrophenol	9.51	184	122924	63.60	ng	# 71
54) Dibenzofuran	9.65	168	847244	44.23	ng	100
55) 4-Nitrophenol	9.64	139	277762	93.50	ng	# 80
56) 2,4-Dinitrotoluene	9.67	165	224061	50.24	ng	91
57) Fluorene	10.08	166	671132	44.99	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	159693	49.93	ng	95
59) Diethylphthalate	9.97	149	745441	48.79	ng	99
60) 4-Chlorophenyl-phenylether	10.08	204	289043	46.56	ng	91
61) 4-Nitroaniline	10.12	138	198930	46.53	ng	97
62) Azobenzene	10.28	77	703377	47.41	ng	97
64) 4,6-Dinitro-2-methylphenol	10.17	198	102551	37.92	ng	# 62
65) n-Nitrosodiphenylamine	10.24	169	635384	44.26	ng	98
66) 4-Bromophenyl-phenylether	10.68	248	183187	44.69	ng	95
67) Hexachlorobenzene	10.75	284	183847	44.51	ng	# 90
68) Atrazine	10.91	200	188423	43.88	ng	98
69) Pentachlorophenol	11.01	266	160874	98.09	ng	99
70) Phenanthrene	11.25	178	1050389	45.19	ng	98
71) Anthracene	11.31	178	1100064	45.75	ng	99
72) Carbazole	11.52	167	1072976	47.55	ng	98
73) Di-n-butylphthalate	11.97	149	1298984	52.28	ng	99
74) Fluoranthene	12.71	202	1135512	47.14	ng	98
76) Benzidine	12.88	184	669544	51.96	ng	# 92
77) Pyrene	12.98	202	1142705	51.40	ng	99
79) Butylbenzylphthalate	13.81	149	537431	55.16	ng	88
80) Benzo(a)anthracene	14.45	228	875723	47.35	ng	99
81) 3,3'-Dichlorobenzidine	14.43	252	274036	41.85	ng	# 97
82) Chrysene	14.50	228	786041	46.50	ng	100
83) Bis(2-ethylhexyl)phthalate	14.52	149	725917	55.49	ng	# 99
84) Di-n-octyl phthalate	15.28	149	1075101	48.99	ng	98
85) Indeno(1,2,3-cd)pyrene	17.37	276	761004	47.31	ng	99
87) Benzo(b)fluoranthene	15.69	252	702538	45.67	ng	98
88) Benzo(k)fluoranthene	15.72	252	693227	47.62	ng	95
89) Benzo(a)pyrene	16.03	252	676761	47.29	ng	97
90) Dibenzo(a,h)anthracene	17.38	278	634578	53.40	ng	98
91) Benzo(g,h,i)perylene	17.74	276	663922	54.88	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.77 min Scan# 651

Delta R.T. 0.00 min

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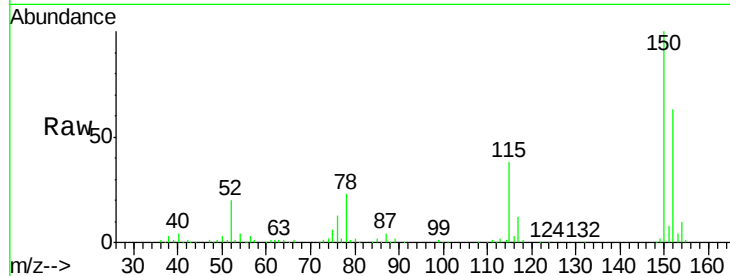
Tgt Ion:152 Resp: 116947

Ion Ratio Lower Upper

152 100

150 160.0 126.2 189.2

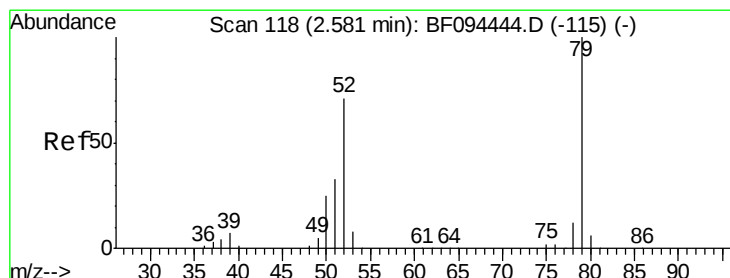
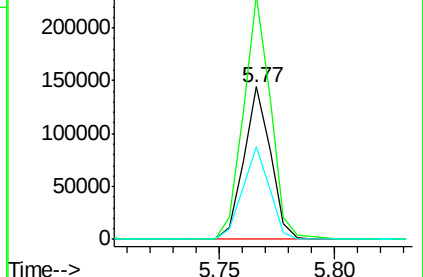
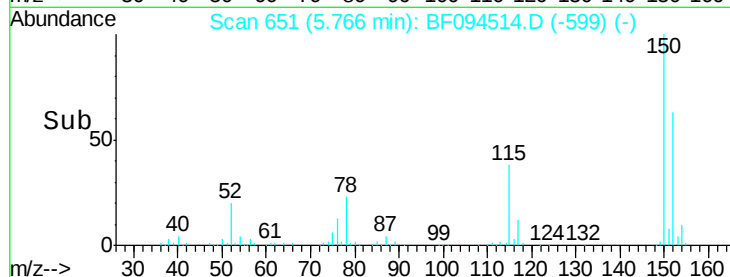
115 60.7 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#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

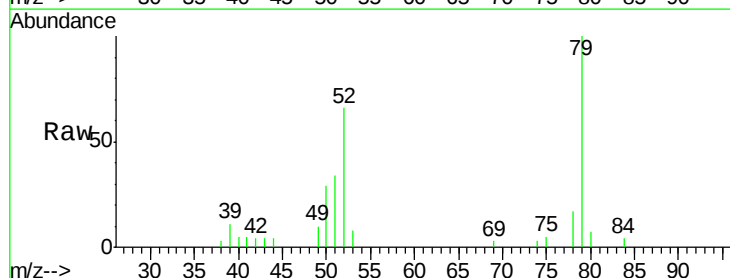
Tgt Ion: 79 Resp: 30195

Ion Ratio Lower Upper

79 100

52 66.2 54.8 82.2

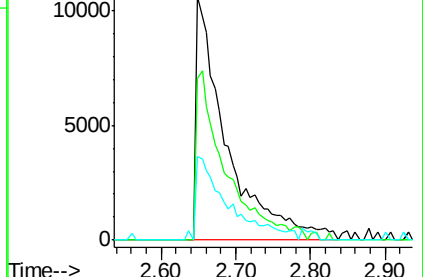
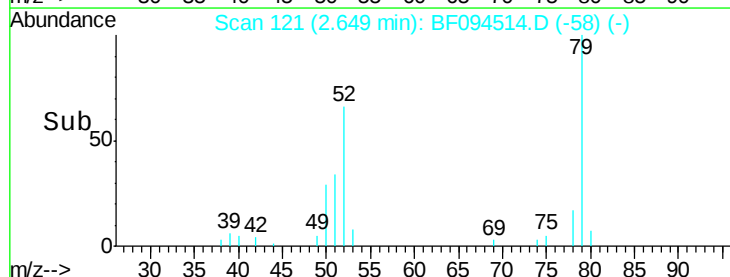
51 34.1 27.0 40.4

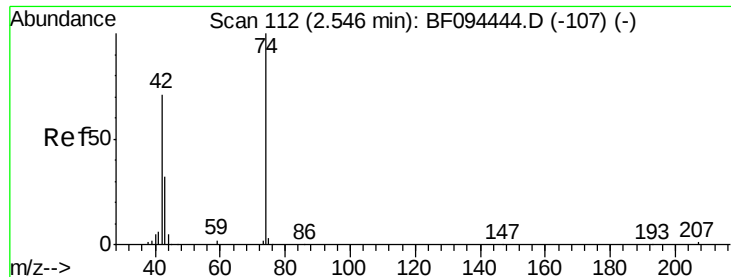


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#4

n-Nitrosodimethylamine

Concen: 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 :

PB98329BS

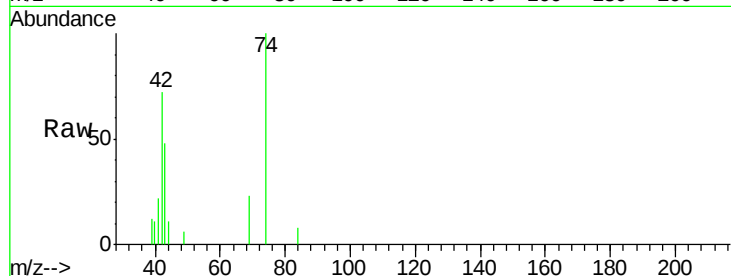
Tgt Ion: 42 Resp: 8300

Ion Ratio Lower Upper

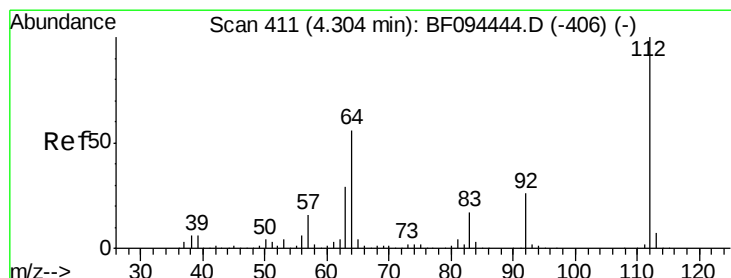
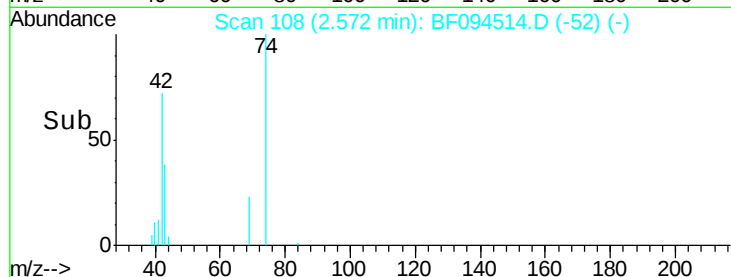
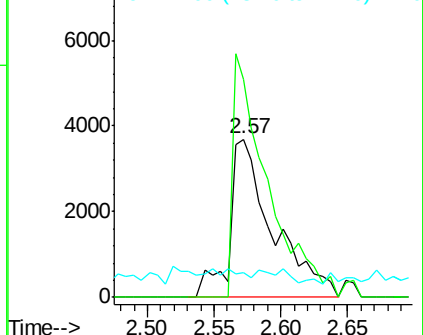
42 100

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

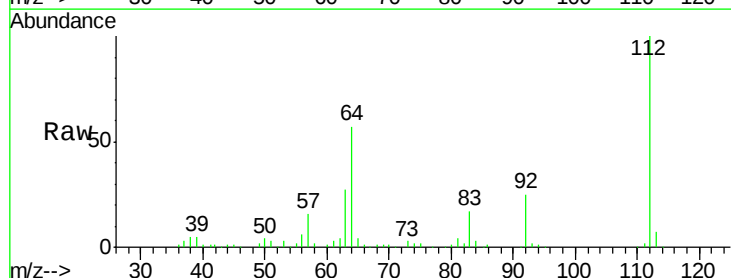
Tgt Ion: 112 Resp: 113994

Ion Ratio Lower Upper

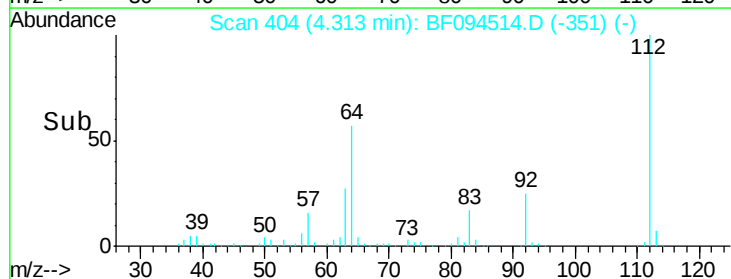
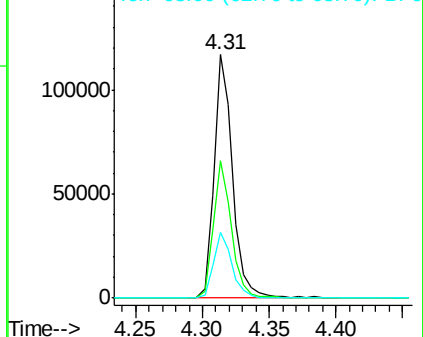
112 100

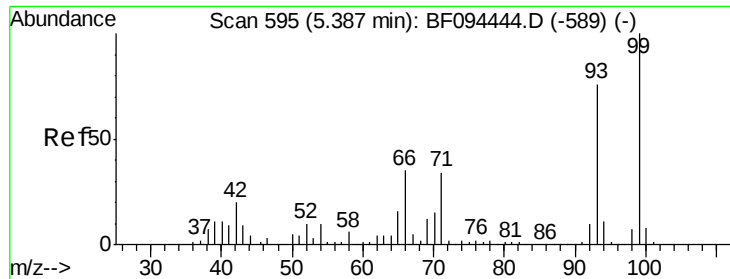
64 56.6 46.0 69.0

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

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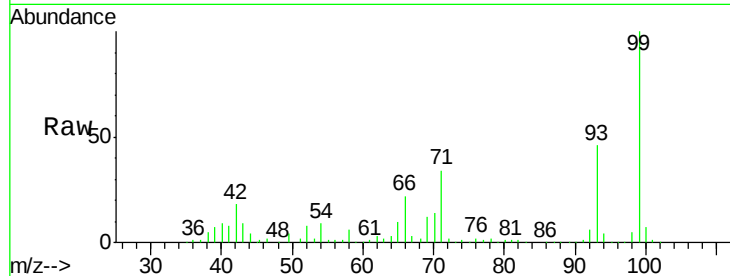
Tgt Ion: 93 Resp: 260401

Ion Ratio Lower Upper

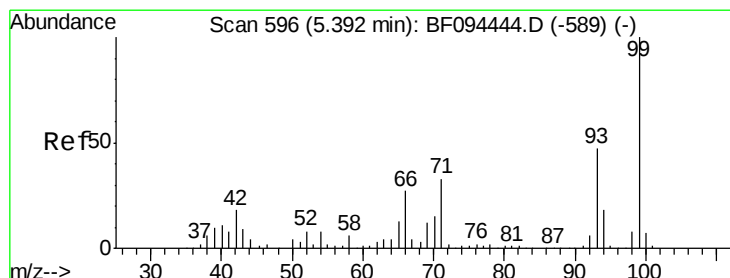
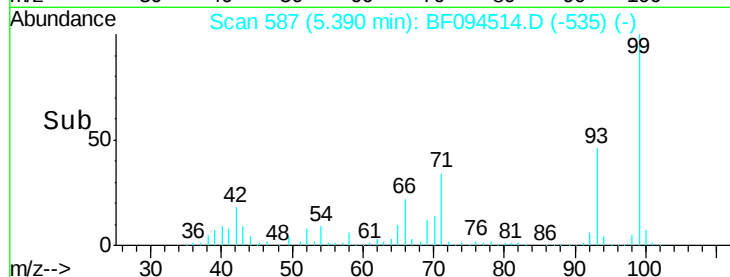
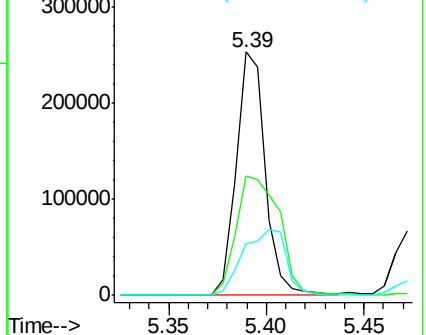
93 100

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

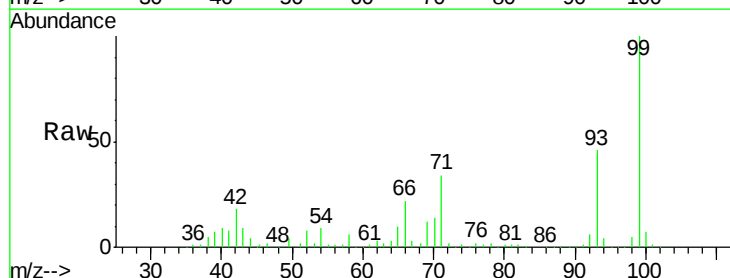
Tgt Ion: 99 Resp: 573227

Ion Ratio Lower Upper

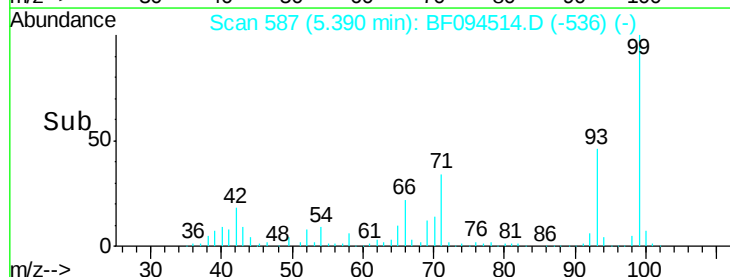
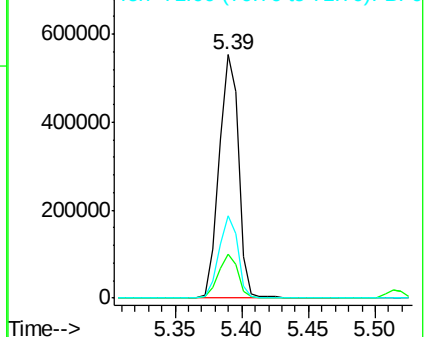
99 100

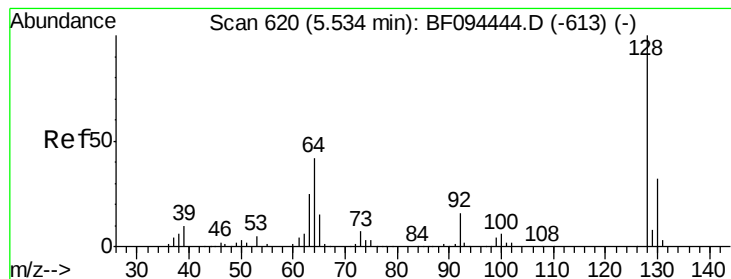
42 18.1 13.5 20.3

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

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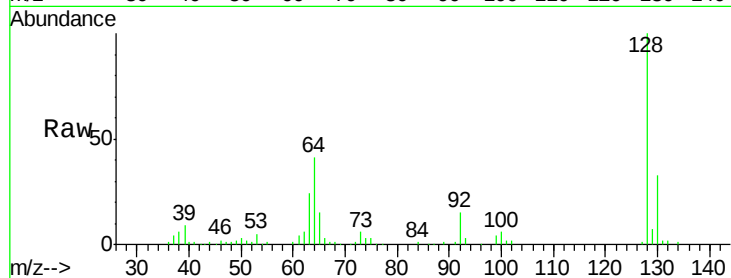
Tgt Ion:128 Resp: 93317

Ion Ratio Lower Upper

128 100

130 33.4 12.9 52.9

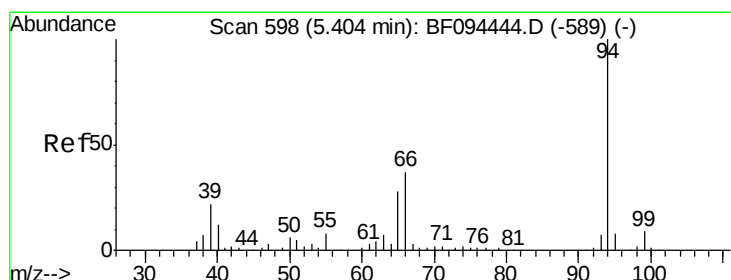
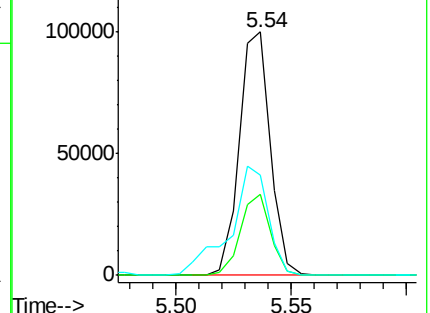
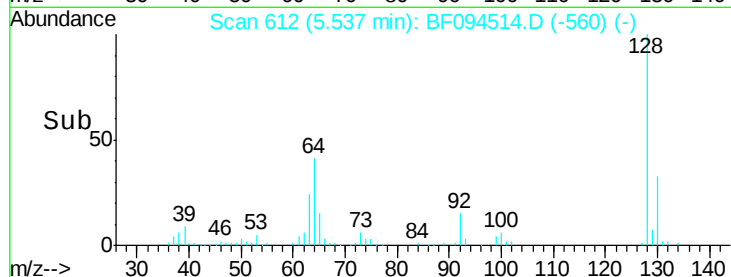
64 41.2 28.4 68.4



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

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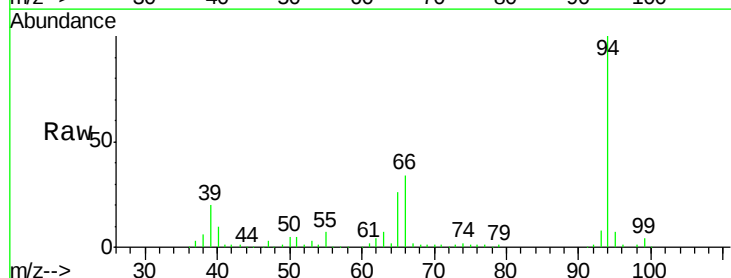
Tgt Ion: 94 Resp: 224312

Ion Ratio Lower Upper

94 100

65 25.9 9.9 49.9

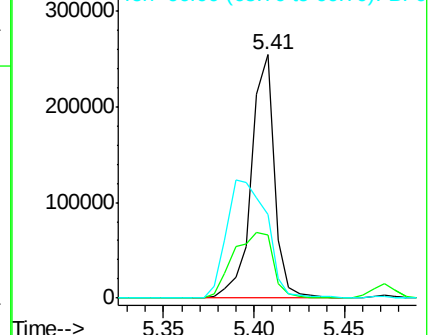
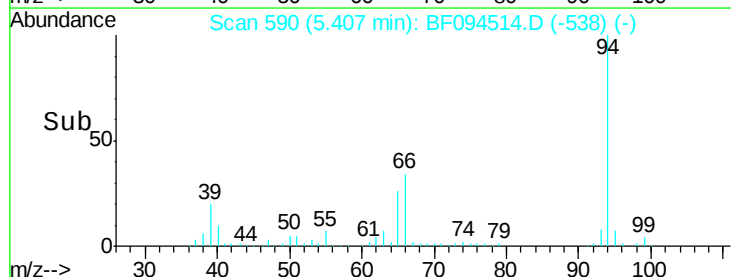
66 34.4 23.1 63.1

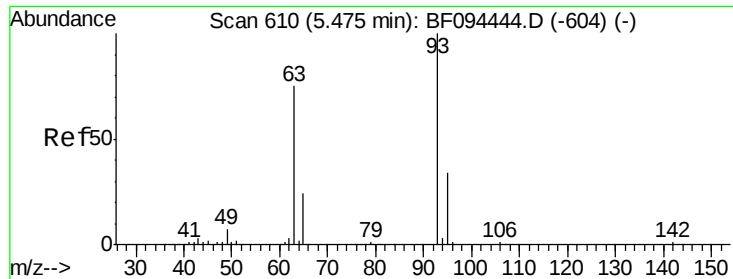


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

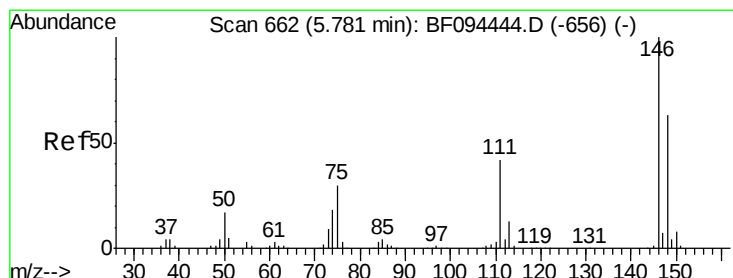
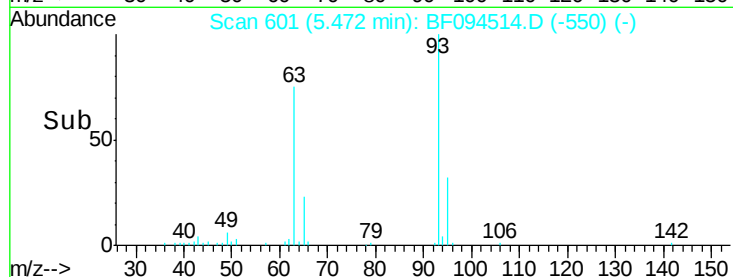
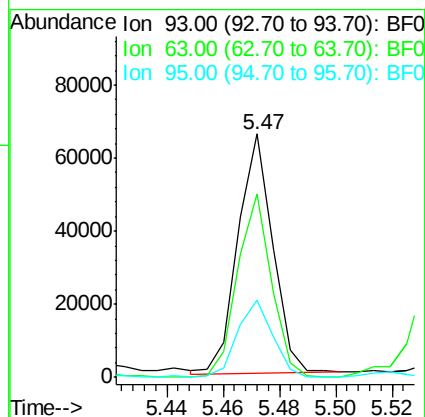
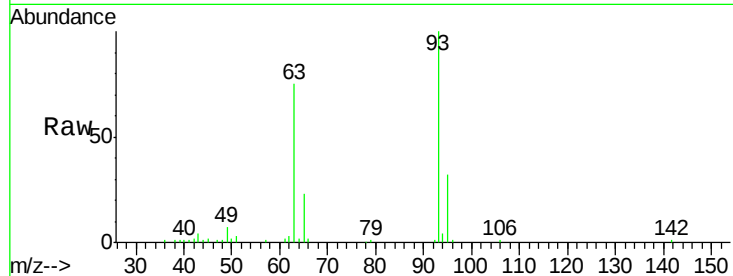




#11
bis(2-Chloroethyl)ether
Concen: 7.56 ng
RT: 5.47 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

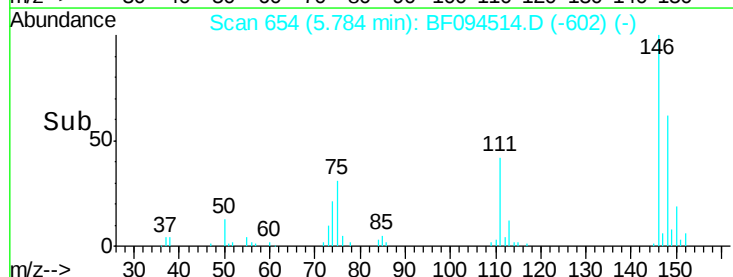
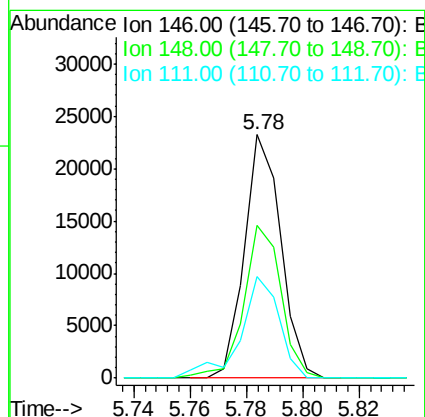
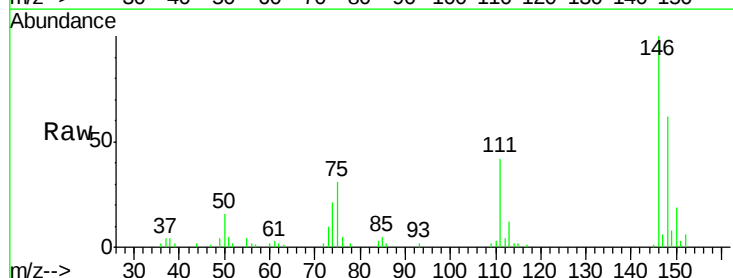
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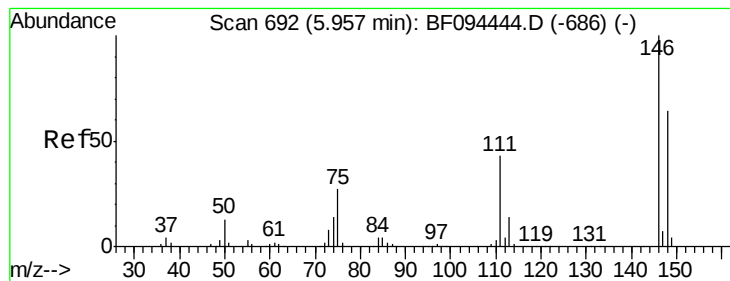
Tgt Ion: 93 Resp: 56364
Ion Ratio Lower Upper
93 100
63 75.3 59.2 99.2
95 31.7 12.8 52.8



#13
1,4-Dichlorobenzene
Concen: 2.33 ng
RT: 5.78 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

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





#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

ClientSampleId :

PB98329BS

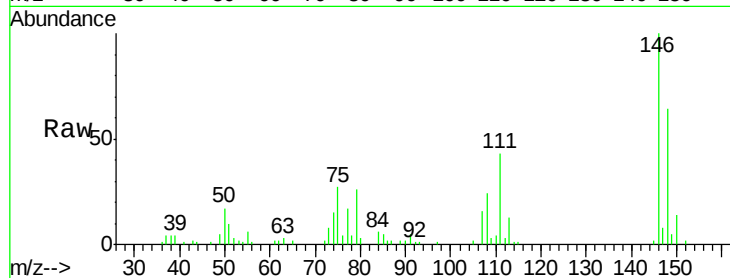
Tgt Ion:146 Resp: 32128

Ion Ratio Lower Upper

146 100

148 63.7 50.4 75.6

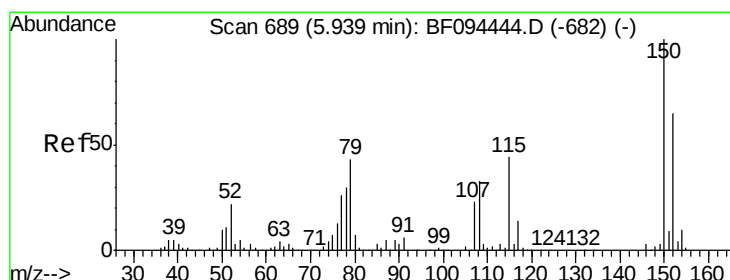
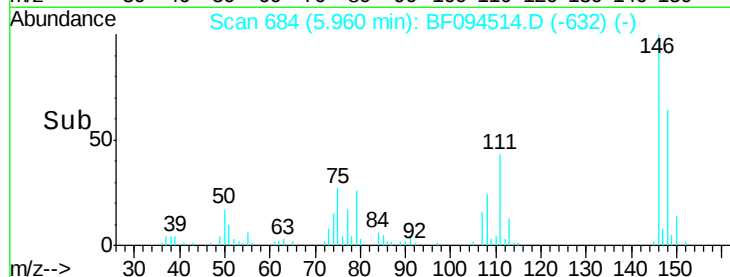
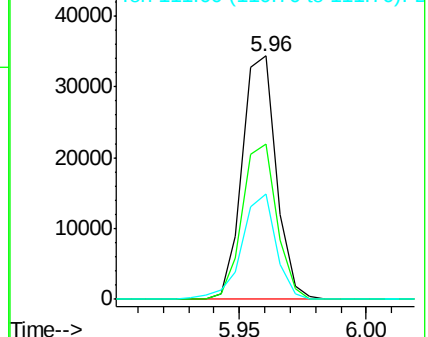
111 43.2 38.2 57.4



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

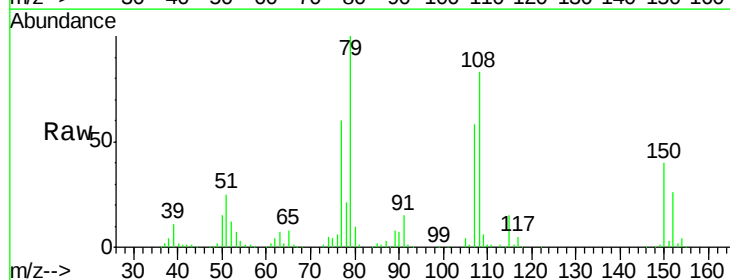
Tgt Ion: 79 Resp: 202627

Ion Ratio Lower Upper

79 100

108 82.5 63.4 95.0

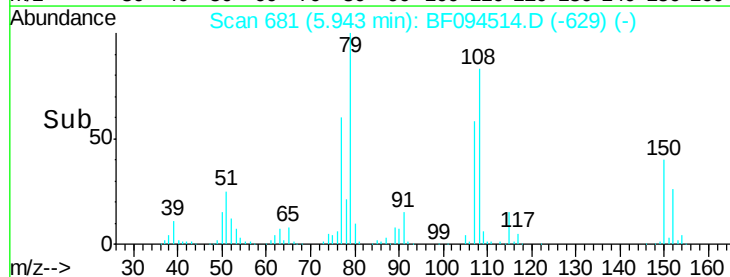
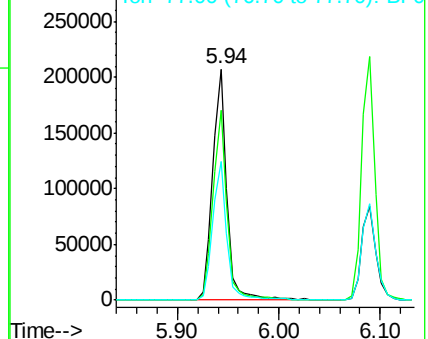
77 59.9 49.2 73.8

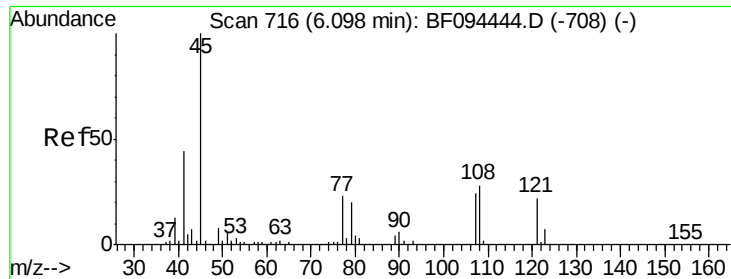


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

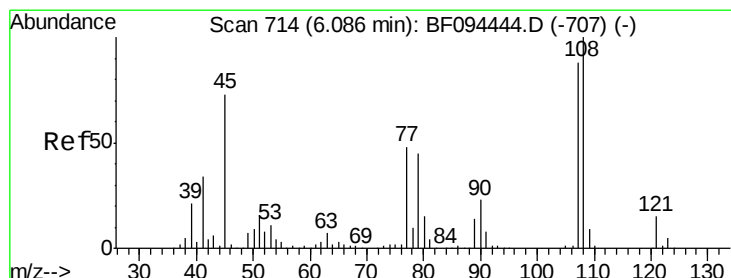
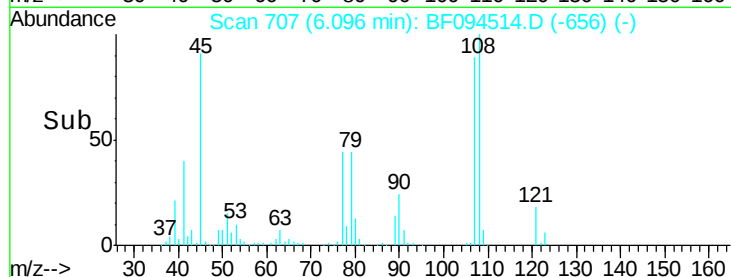
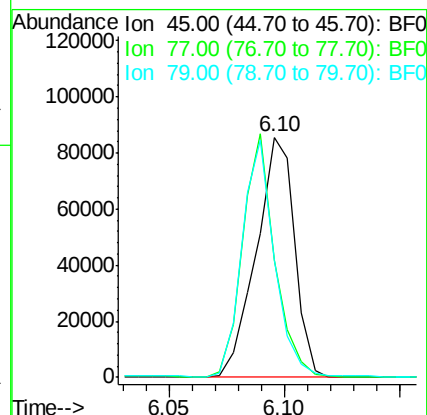
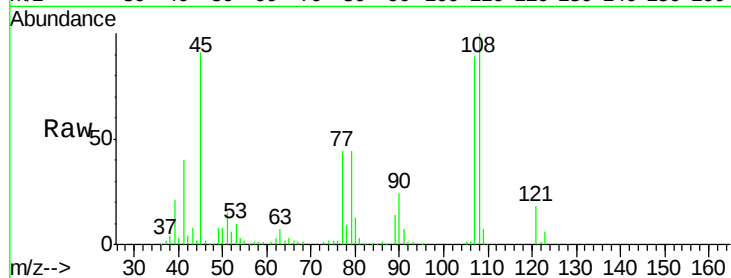




#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.12 ng
RT: 6.10 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

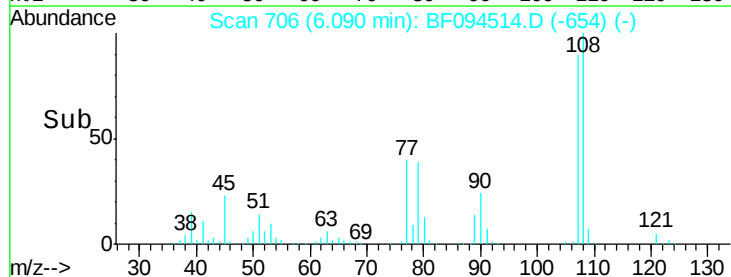
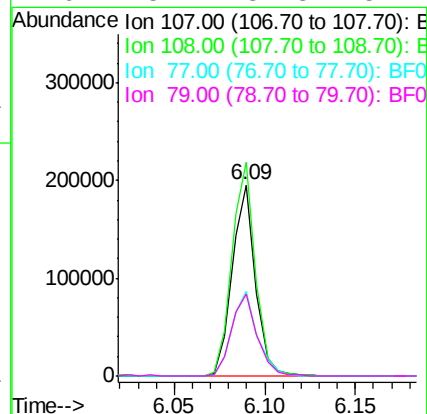
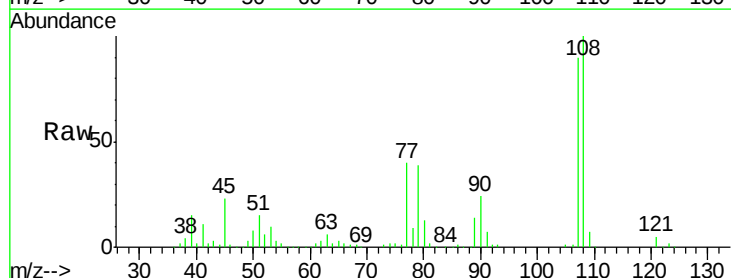
Instrument :
BNA_F
ClientSampleId :
PB98329BS

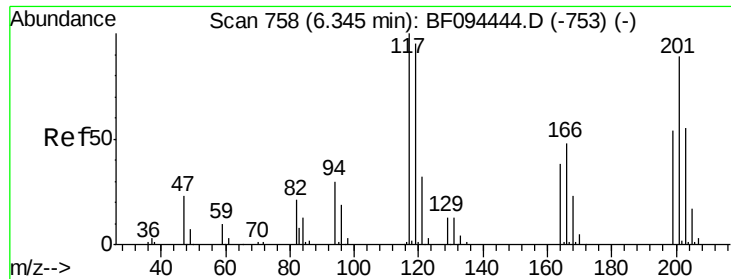
Tgt Ion: 45 Resp: 98988
Ion Ratio Lower Upper
45 100
77 48.8 0.0 33.2#
79 48.9 0.0 30.0#



#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

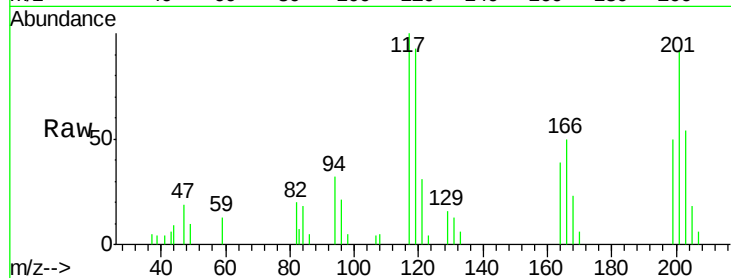




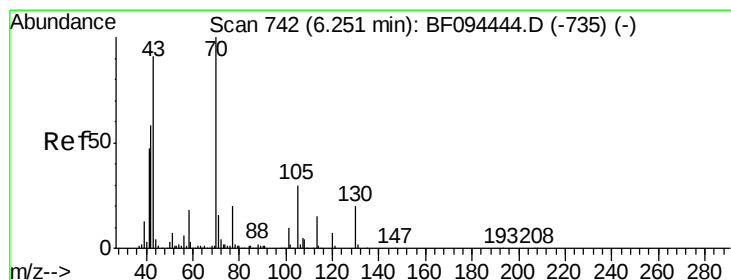
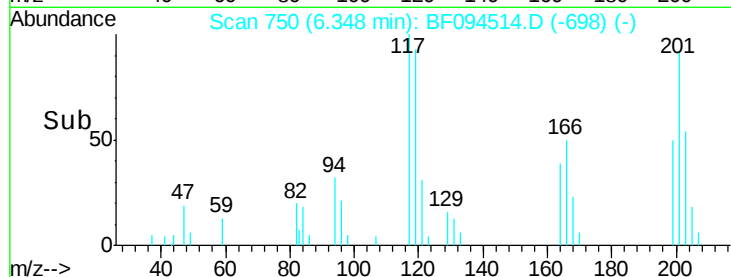
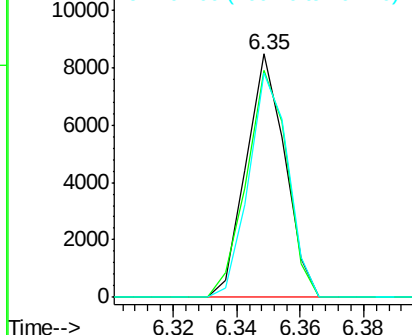
#18
Hexachloroethane
Concen: 2.35 ng
RT: 6.35 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

Instrument :
BNA_F
ClientSampleId :
PB98329BS

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

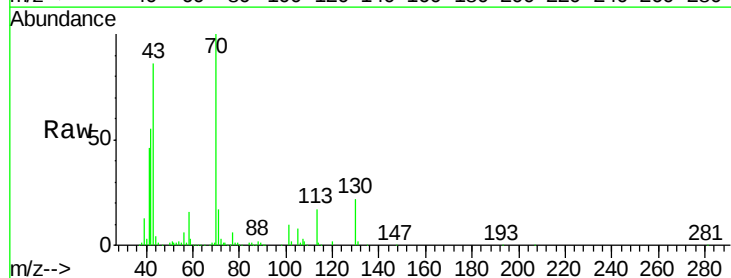


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

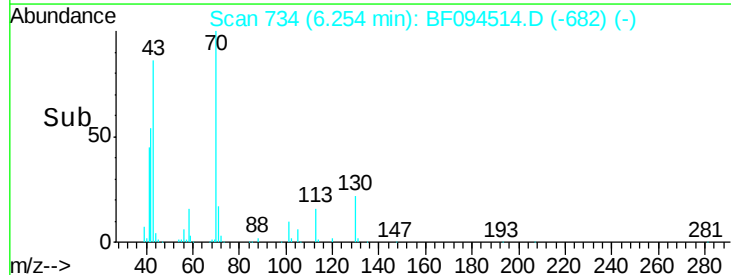
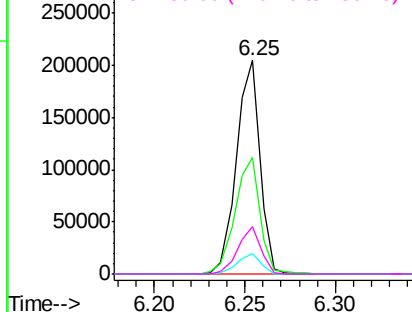


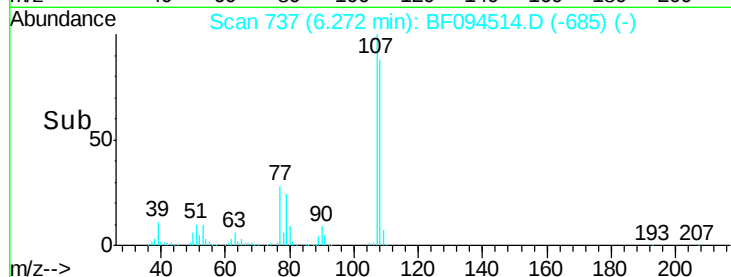
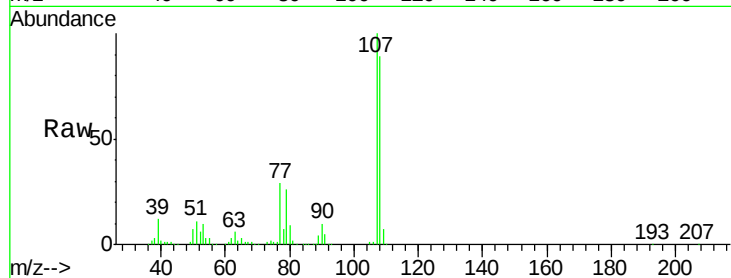
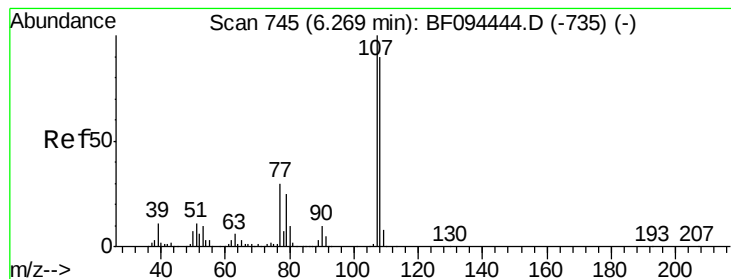
#19
n-Nitroso-di-n-propylamine
Concen: 33.54 ng
RT: 6.25 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

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

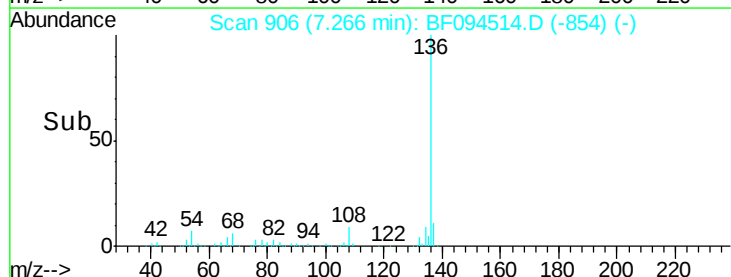
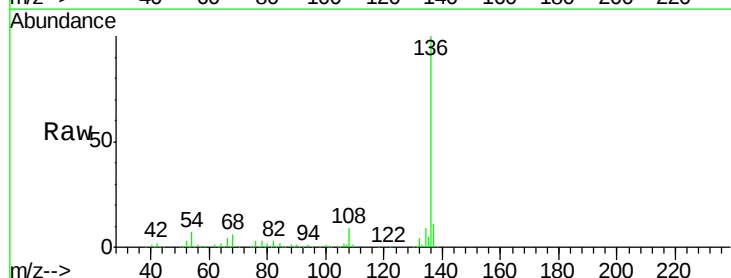
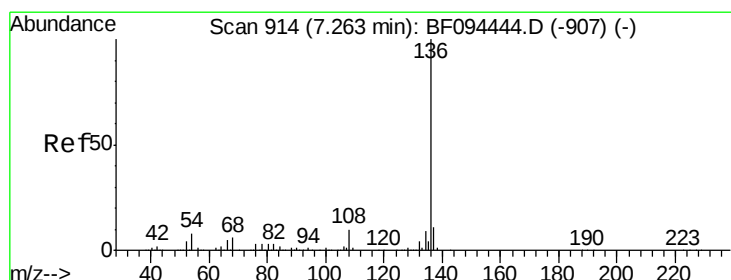
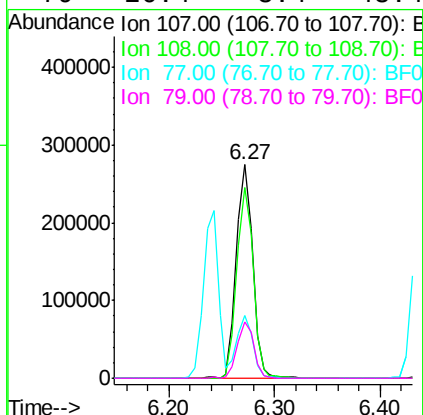
Instrument :

BNA_F

ClientSampleId :

PB98329BS

Tgt 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



#21

Naphthalene-d8

Concen: 20.00 ng

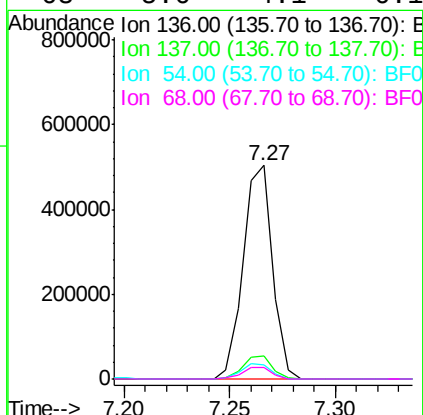
RT: 7.27 min Scan# 906

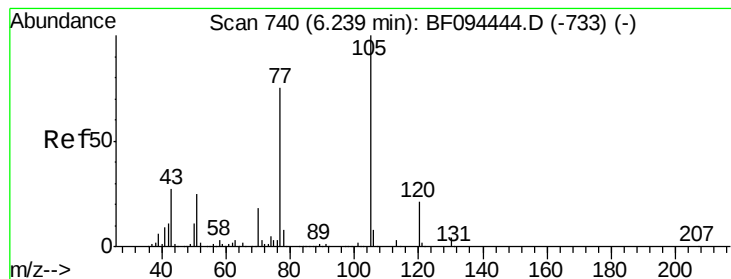
Delta R.T. 0.00 min

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





#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 :

PB98329BS

Tgt Ion: 105 Resp: 294051

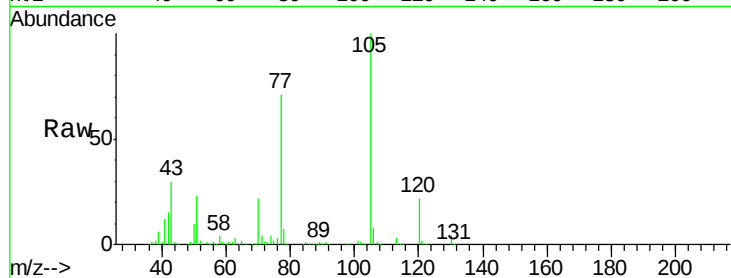
Ion Ratio Lower Upper

105 100

71 4.0 2.8 4.2

51 23.1 30.7 46.1#

120 21.8 17.4 26.0

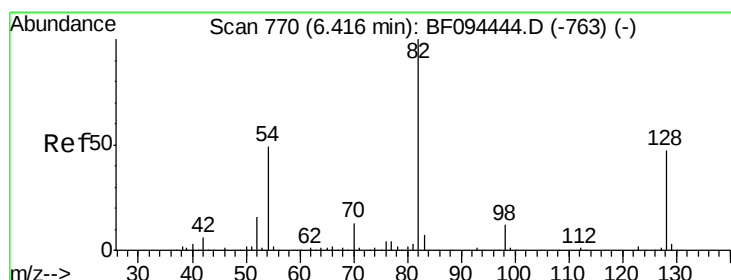
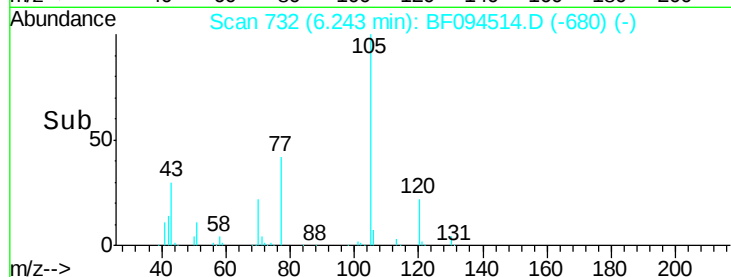
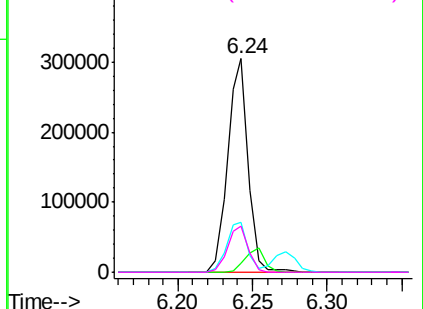


Abundance Ion 105.00 (104.70 to 105.70): E

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

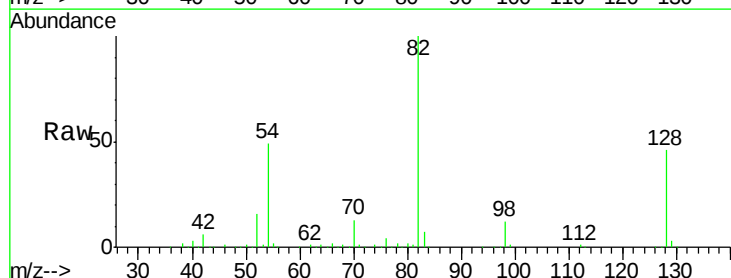
Tgt Ion: 82 Resp: 353137

Ion Ratio Lower Upper

82 100

128 45.9 34.0 51.0

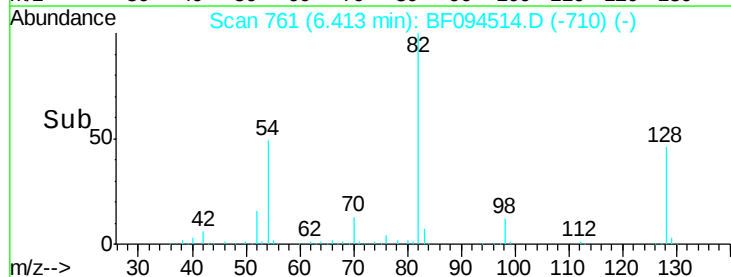
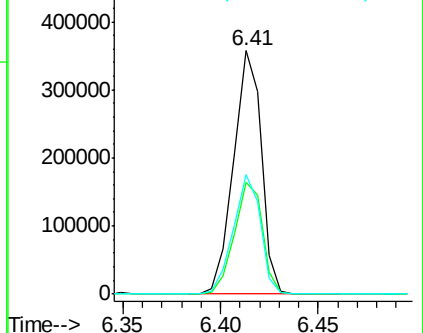
54 49.1 42.2 63.2

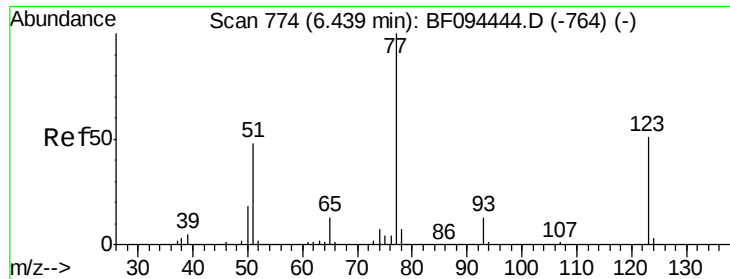


Abundance Ion 82.00 (81.70 to 82.70): BF0

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

ClientSampleId :

PB98329BS

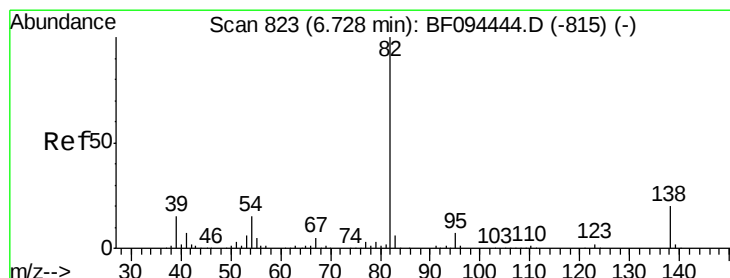
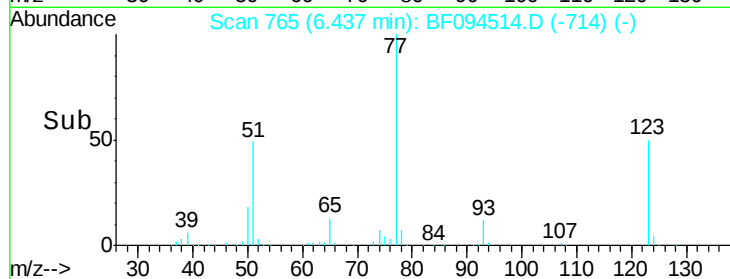
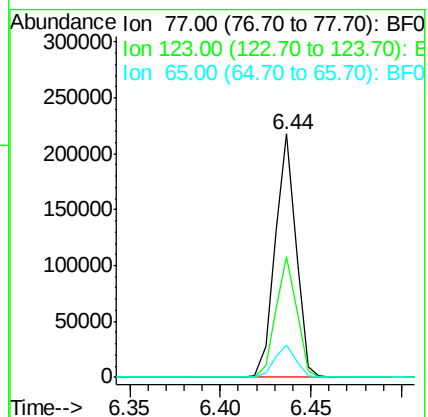
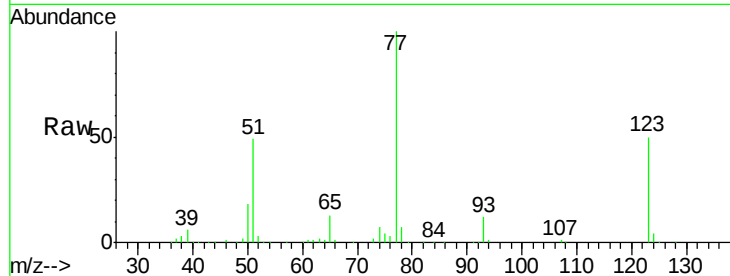
Tgt Ion: 77 Resp: 174224

Ion Ratio Lower Upper

77 100

123 49.6 35.8 53.8

65 13.1 10.6 15.8



#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

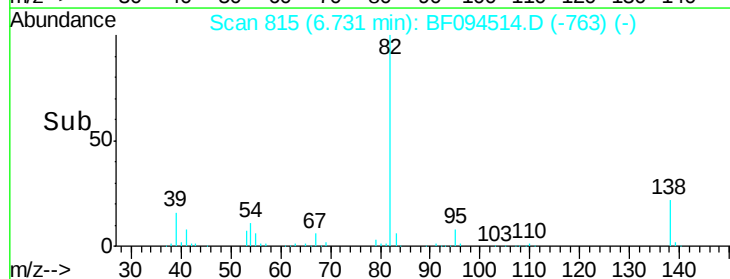
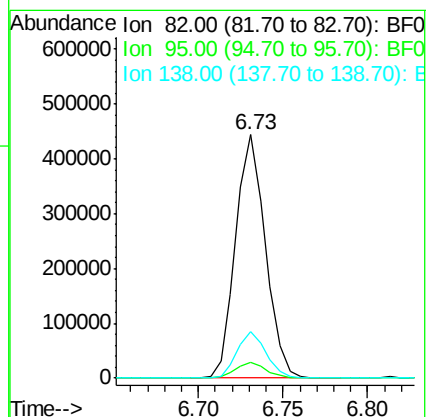
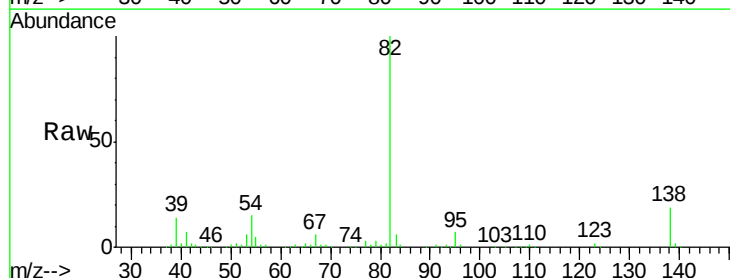
Tgt Ion: 82 Resp: 545030

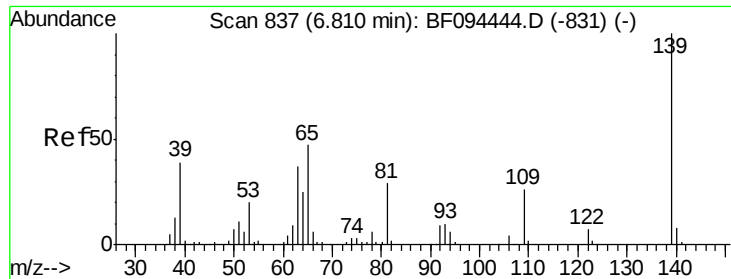
Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.1 13.1 19.7

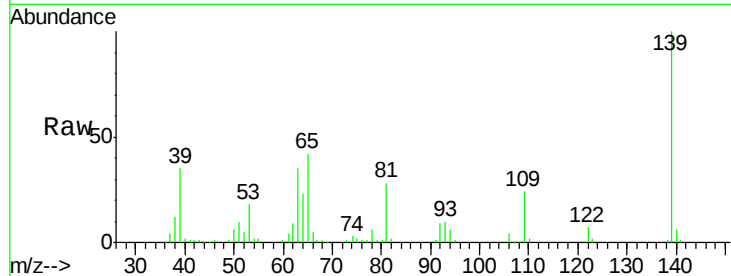




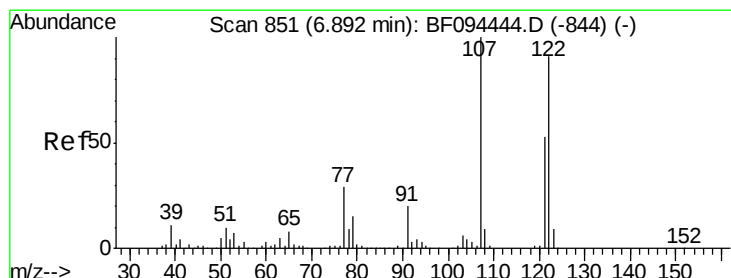
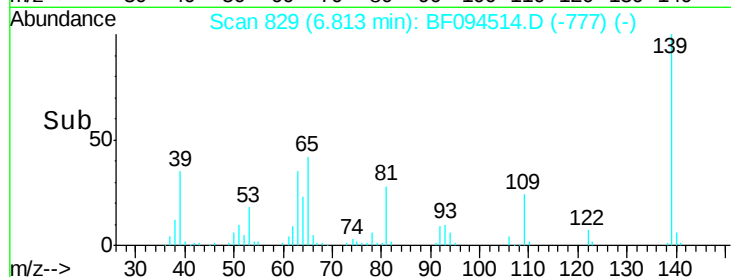
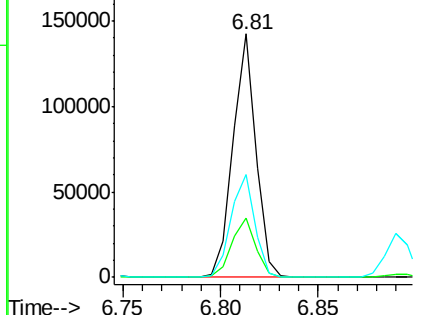
#26
2-Nitrophenol
Concen: 26.32 ng
RT: 6.81 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

Instrument :
BNA_F
ClientSampleId :
PB98329BS

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

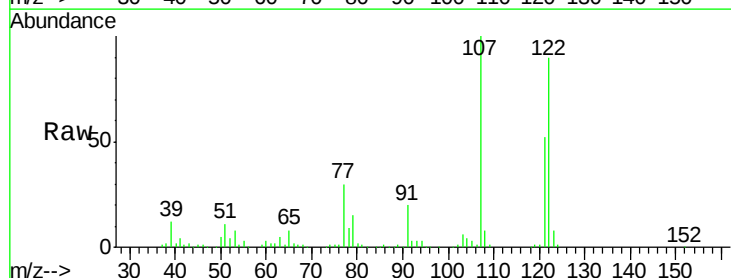


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

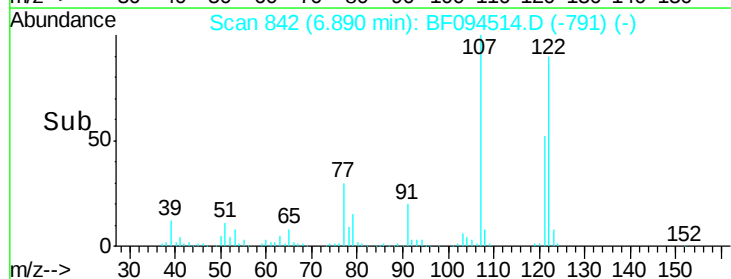
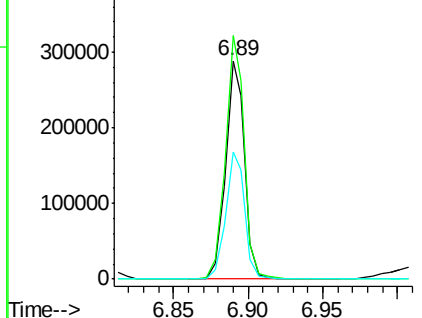


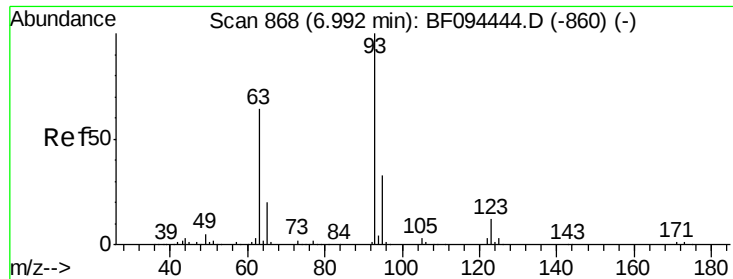
#27
2,4-Dimethylphenol
Concen: 36.05 ng
RT: 6.89 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

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

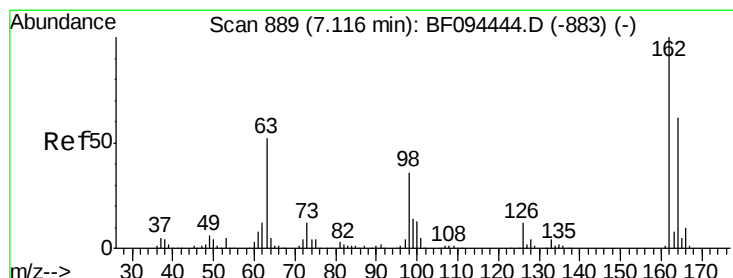
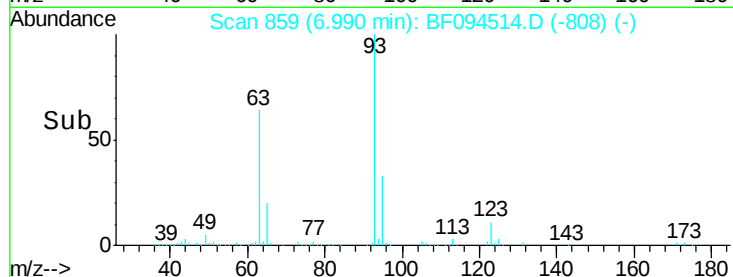
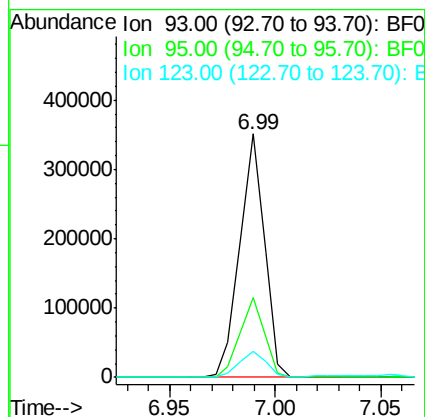
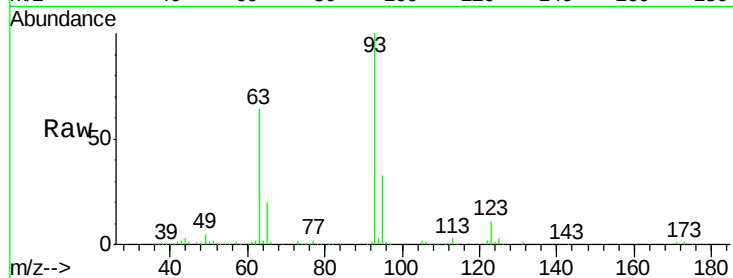




#28
bis(2-Chloroethoxy)methane
Concen: 30.29 ng
RT: 6.99 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

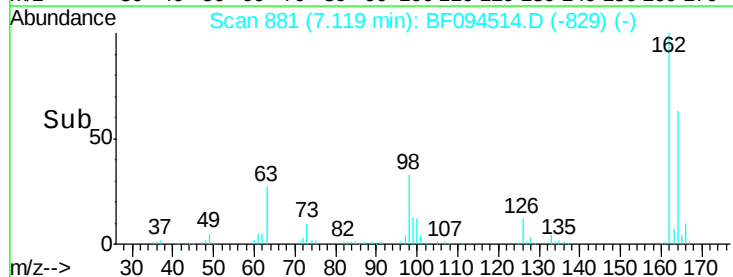
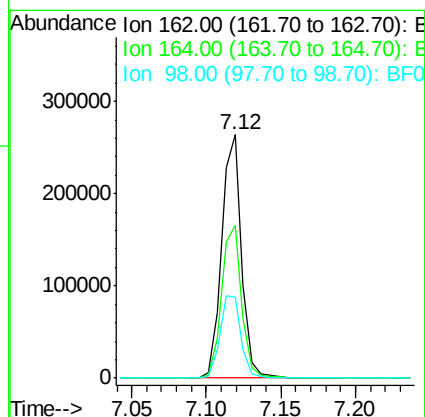
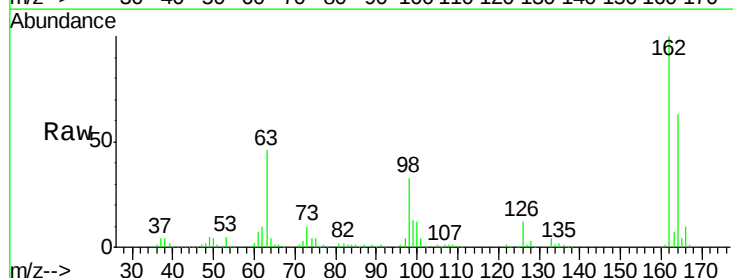
Instrument :
BNA_F
ClientSampleId :
PB98329BS

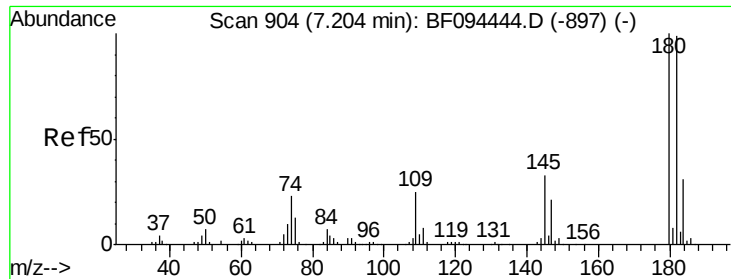
Tgt Ion: 93 Resp: 284493
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 10.9 9.0 13.4



#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

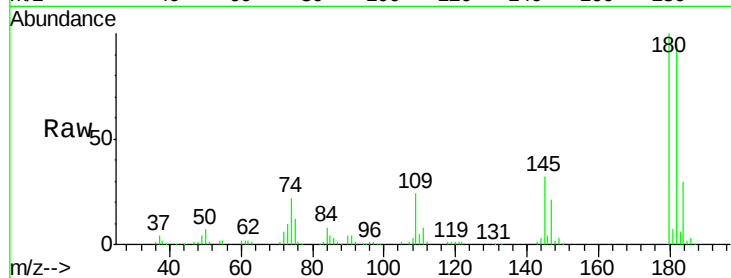




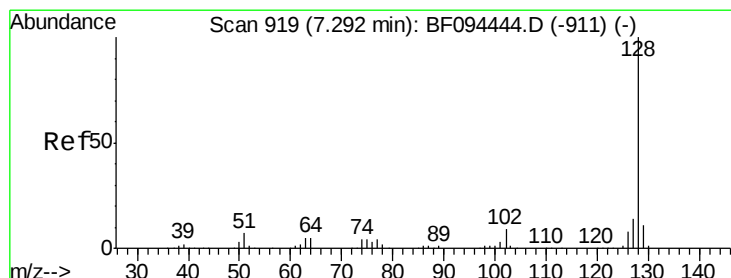
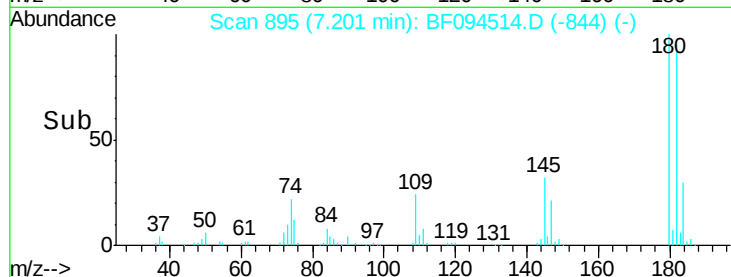
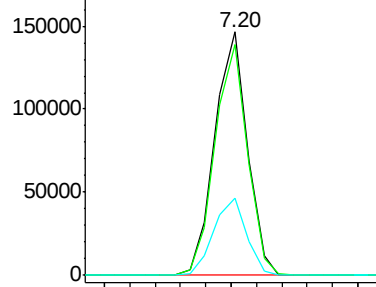
#30
 1,2,4-Trichlorobenzene
 Concen: 18.96 ng
 RT: 7.20 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB98329BS

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

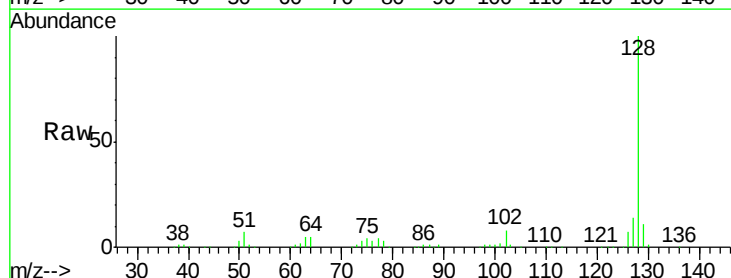


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

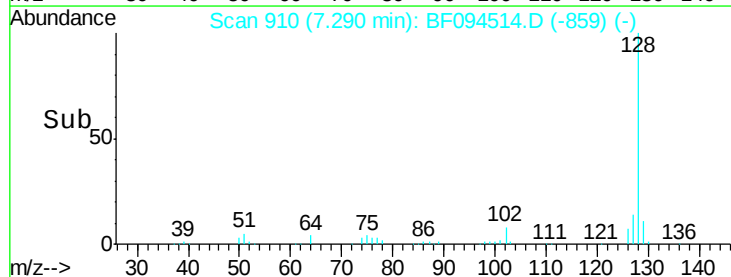
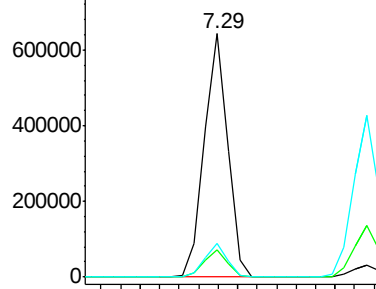


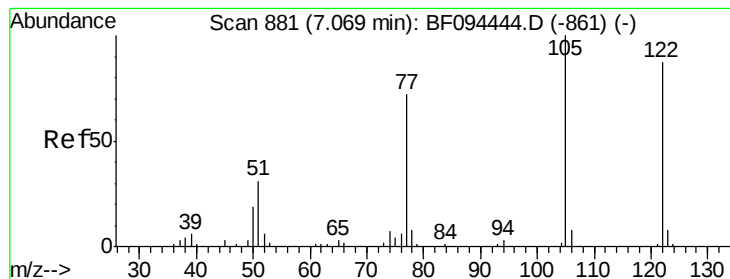
#31
 Naphthalene
 Concen: 23.01 ng
 RT: 7.29 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

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 :

PB98329BS

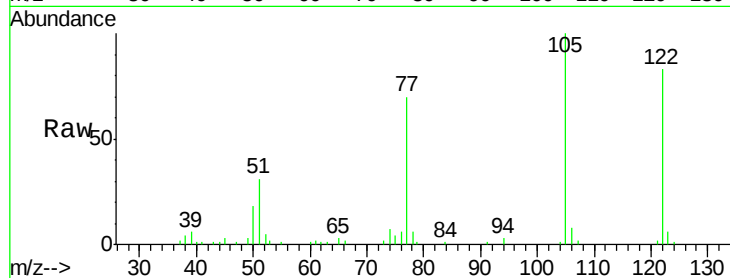
Tgt Ion:122 Resp: 128468

Ion Ratio Lower Upper

122 100

105 119.9 103.3 143.3

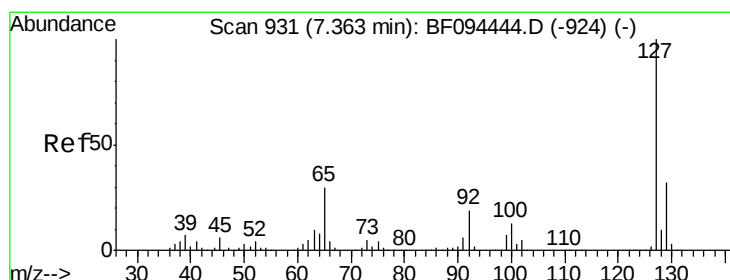
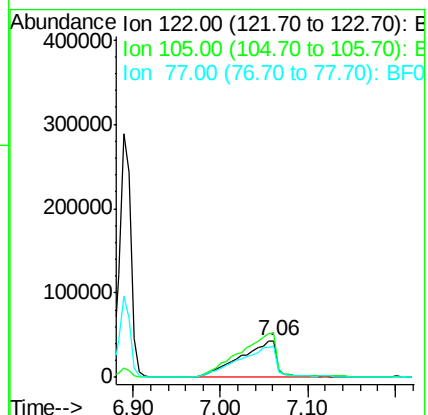
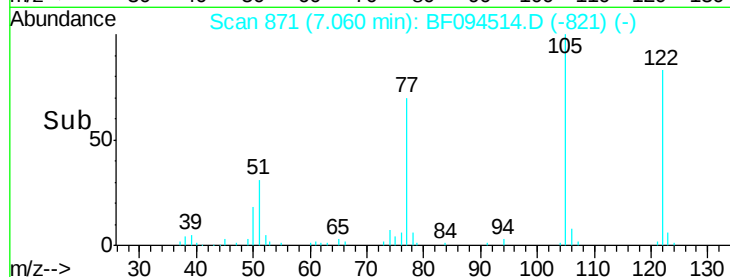
77 83.8 73.7 113.7



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

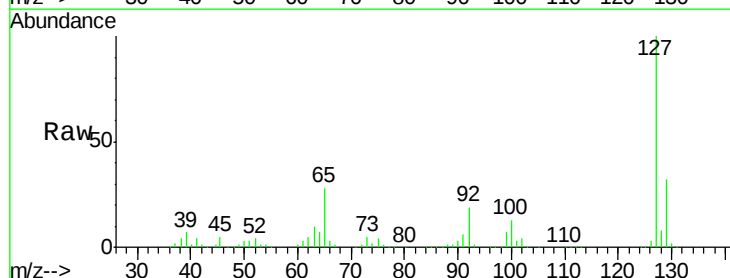
Ion Ratio Lower Upper

127 100

129 31.9 26.2 39.2

65 28.3 27.8 41.8

92 19.0 16.8 25.2

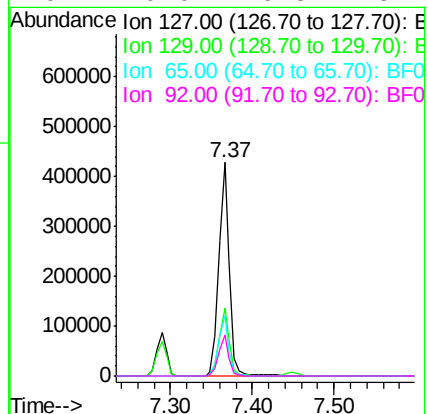
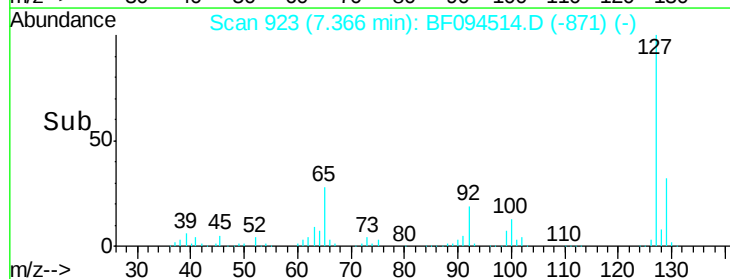


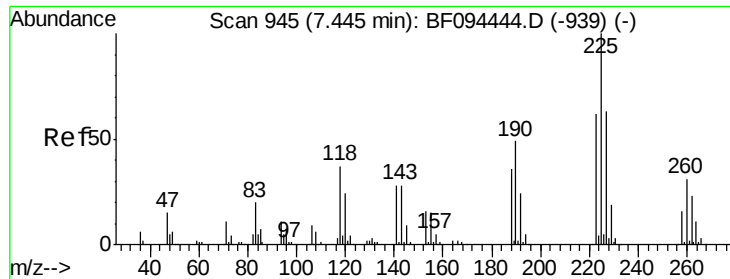
Abundance Ion 127.00 (126.70 to 127.70): E

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

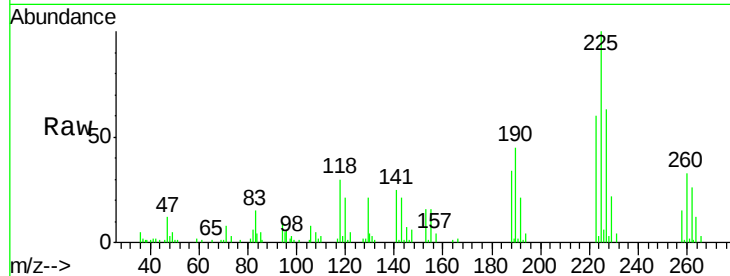




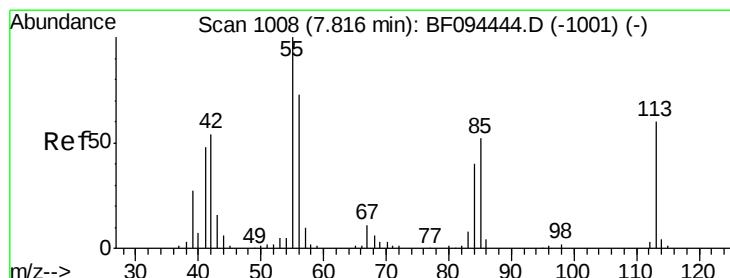
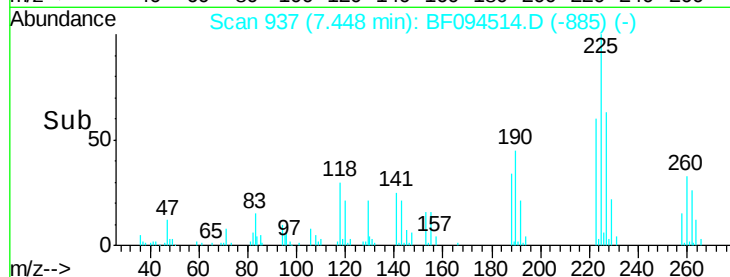
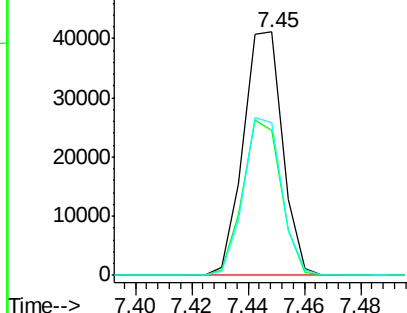
#34
Hexachlorobutadiene
Concen: 11.52 ng
RT: 7.45 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

Instrument :
BNA_F
ClientSampleId :
PB98329BS

Tgt Ion: 225 Resp: 39753
Ion Ratio Lower Upper
225 100
223 59.8 48.8 73.2
227 62.7 51.1 76.7

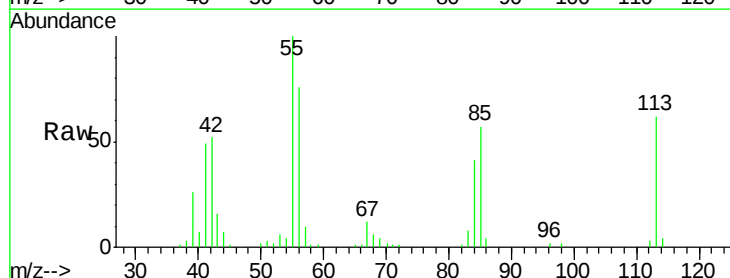


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

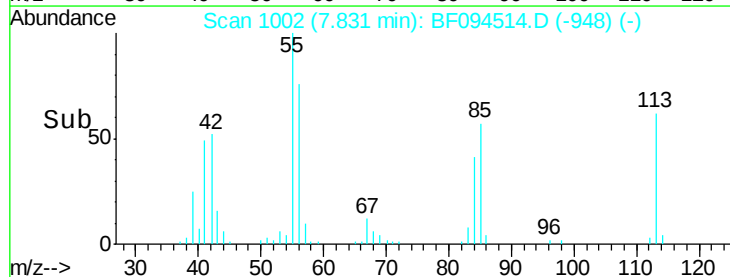
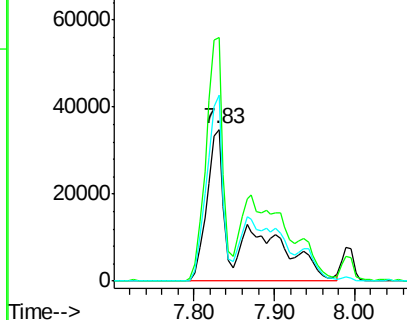


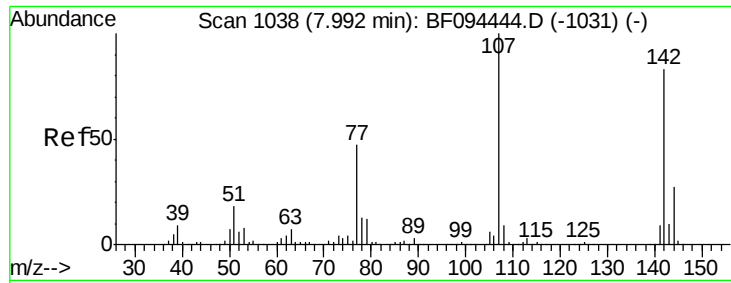
#35
Caprolactam
Concen: 47.98 ng m
RT: 7.83 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

Tgt Ion: 113 Resp: 100928
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

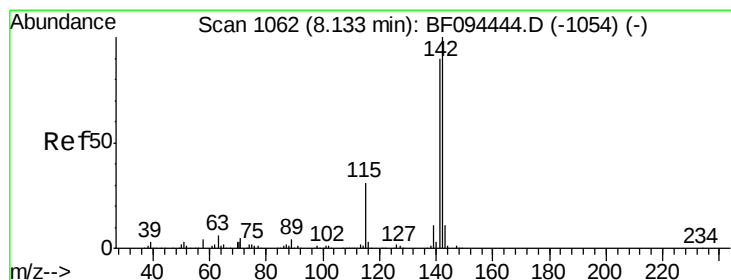
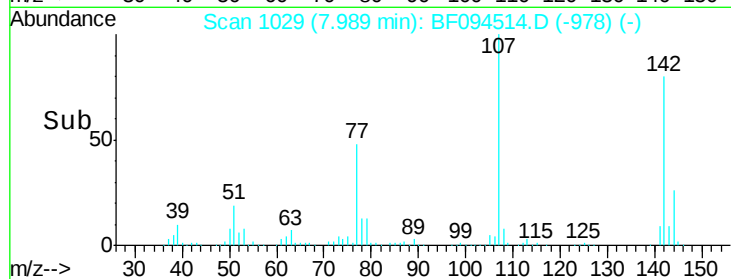
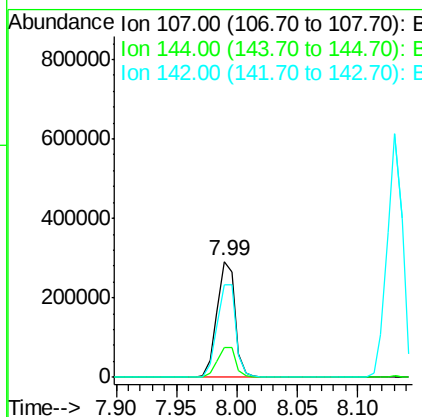
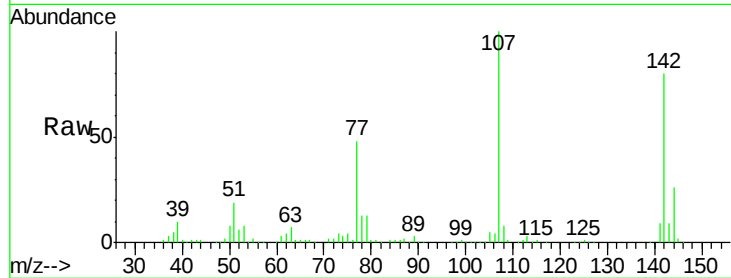




#36
 4-Chloro-3-methylphenol
 Concen: 42.46 ng
 RT: 7.99 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

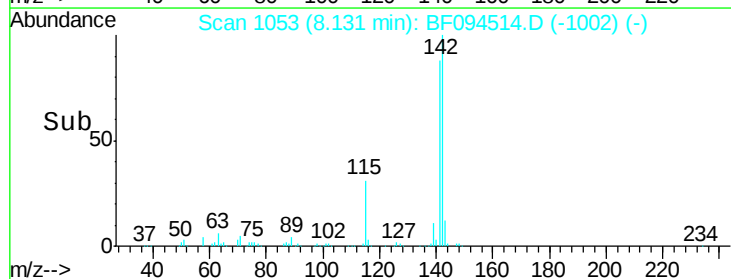
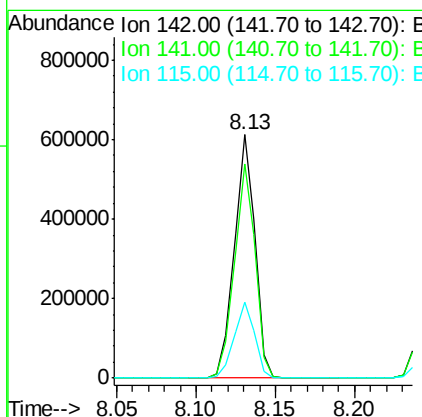
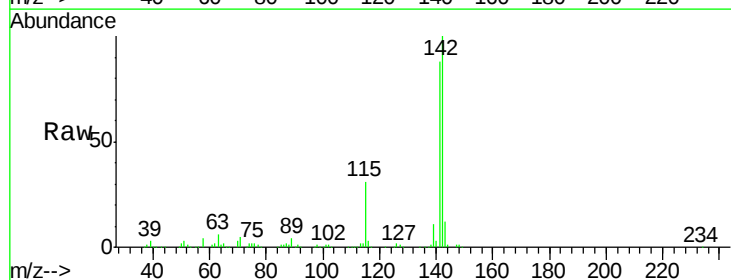
Instrument :
 BNA_F
 ClientSampleId :
 PB98329BS

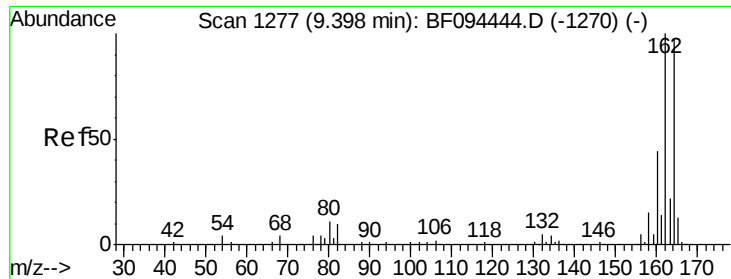
Tgt Ion:107 Resp: 297985
 Ion Ratio Lower Upper
 107 100
 144 25.6 24.2 36.4
 142 80.2 73.4 110.0



#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:142 Resp: 552285
 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 :

PB98329BS

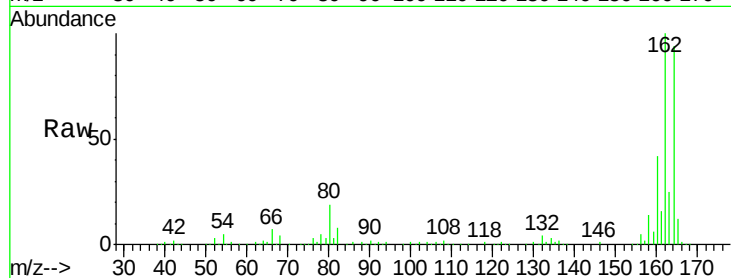
Tgt Ion:164 Resp: 217286

Ion Ratio Lower Upper

164 100

162 106.0 82.6 123.8

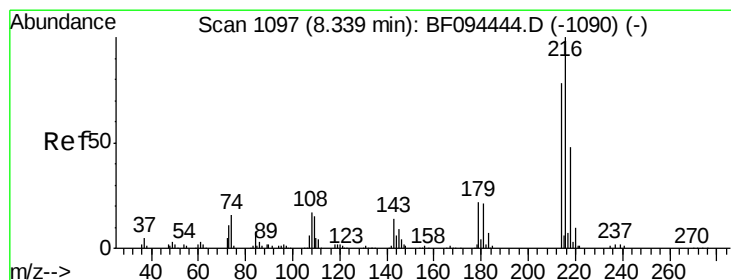
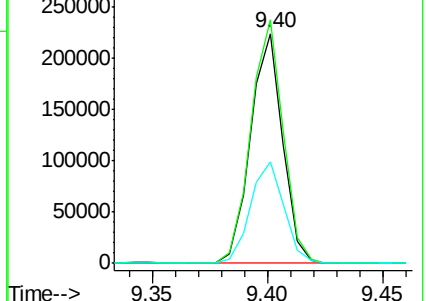
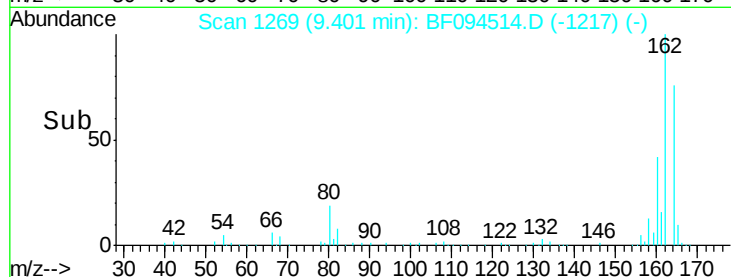
160 44.4 36.2 54.2



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

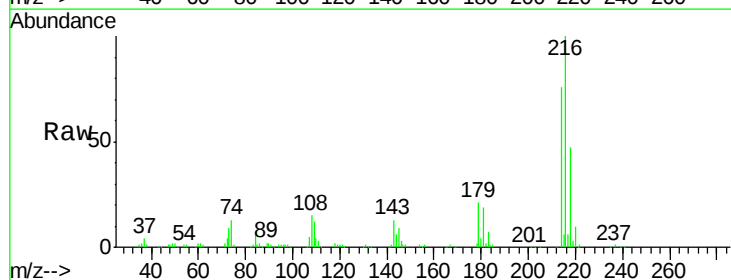
Ion Ratio Lower Upper

216 100

214 78.4 63.4 95.2

179 22.3 17.9 26.9

108 20.7 16.5 24.7

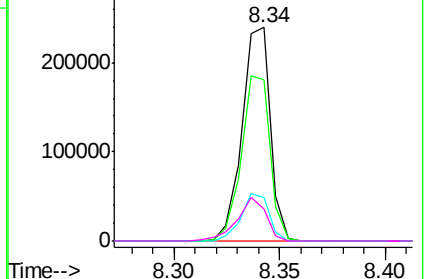
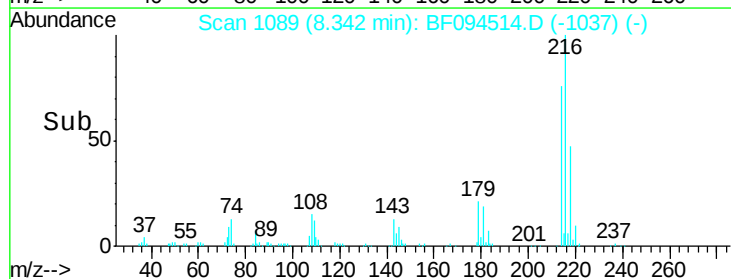


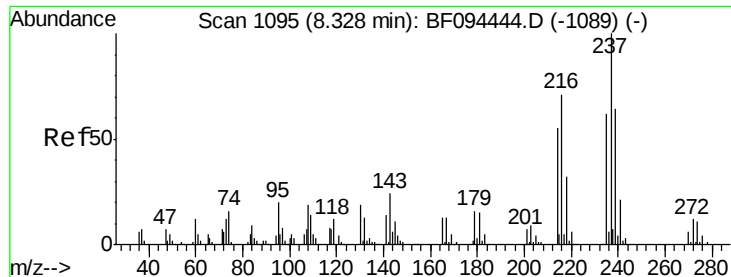
Abundance Ion 216.00 (215.70 to 216.70): E

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

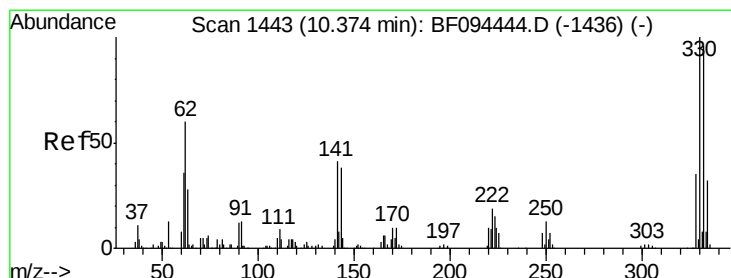
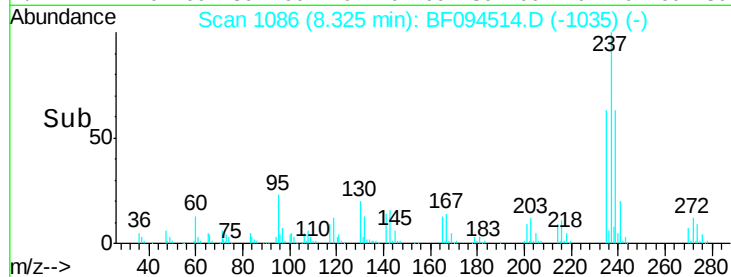
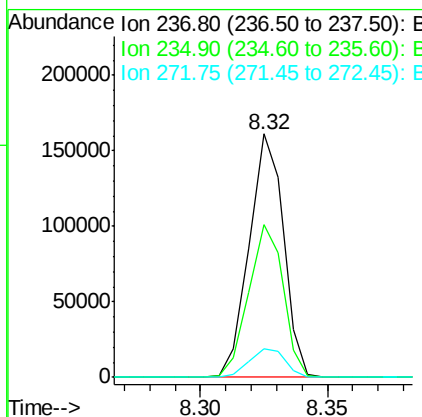
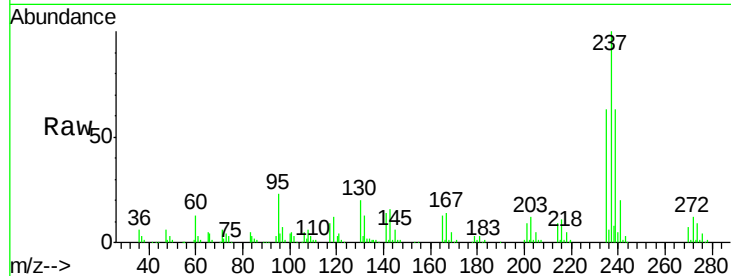




#40
Hexachlorocyclopentadiene
Concen: 60.99 ng
RT: 8.32 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

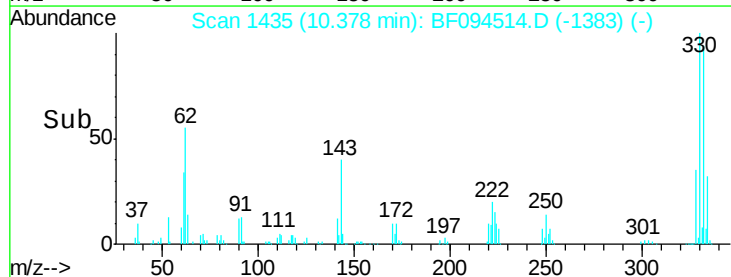
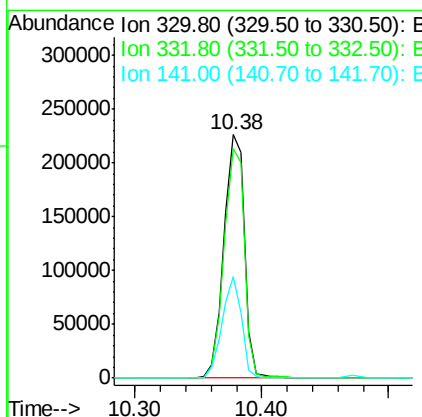
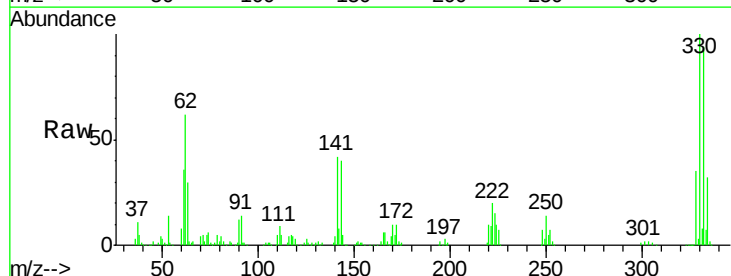
Instrument :
BNA_F
ClientSampleId :
PB98329BS

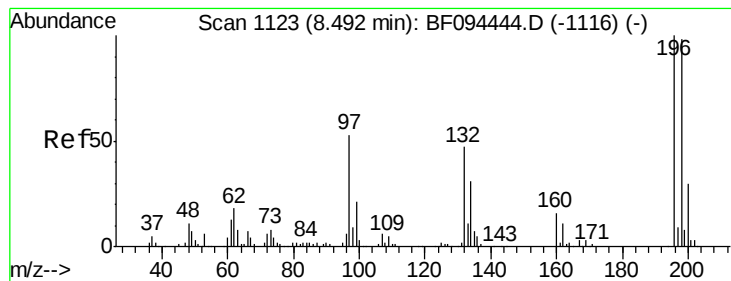
Tgt Ion: 237 Resp: 152650
Ion Ratio Lower Upper
237 100
235 62.8 42.6 82.6
272 11.9 0.0 31.9



#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





#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

ClientSampleId :

PB98329BS

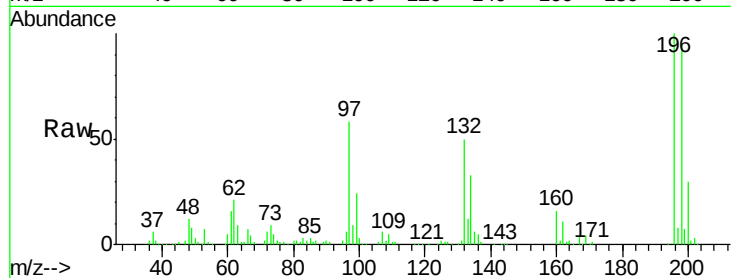
Tgt Ion:196 Resp: 190046

Ion Ratio Lower Upper

196 100

198 94.6 74.2 111.4

200 30.5 24.0 36.0

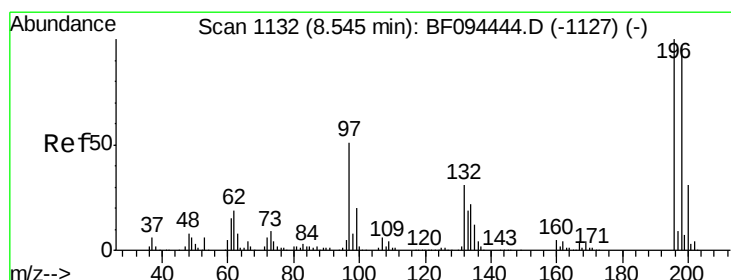
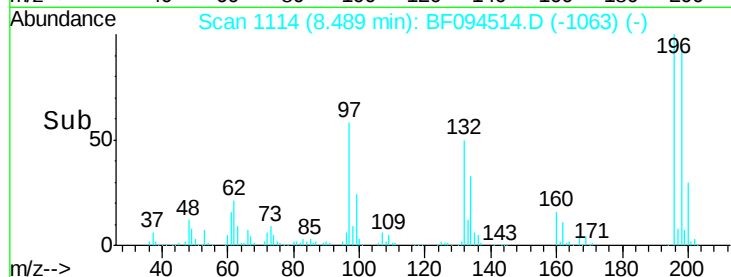
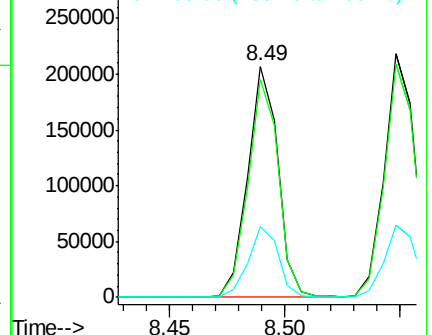


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 45.52 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

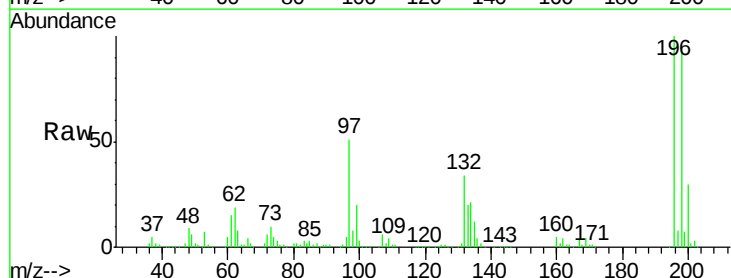
Ion Ratio Lower Upper

196 100

198 95.9 75.7 113.5

97 51.2 47.7 71.5

132 33.8 28.0 42.0



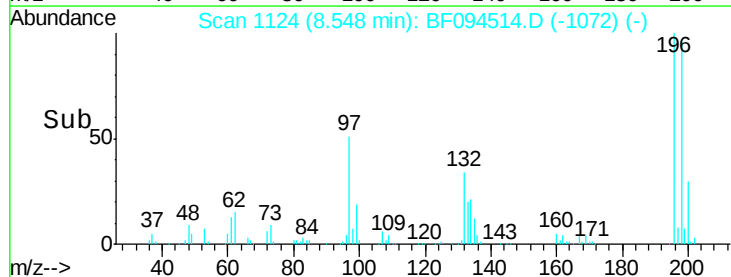
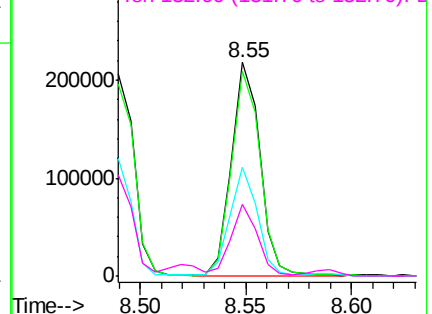
Abundance

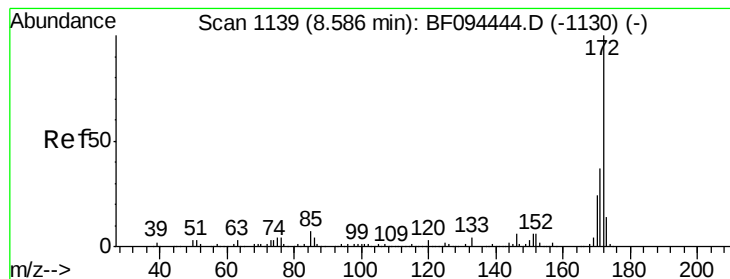
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E

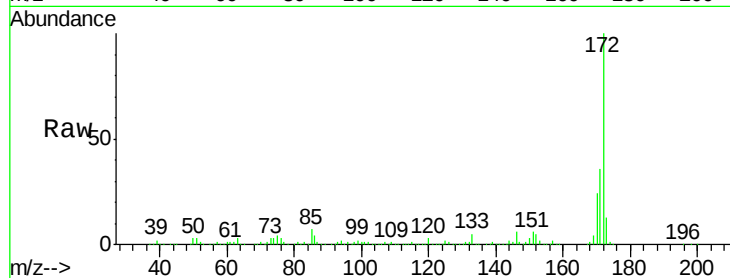




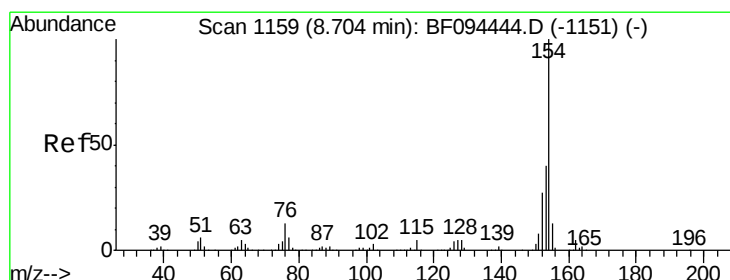
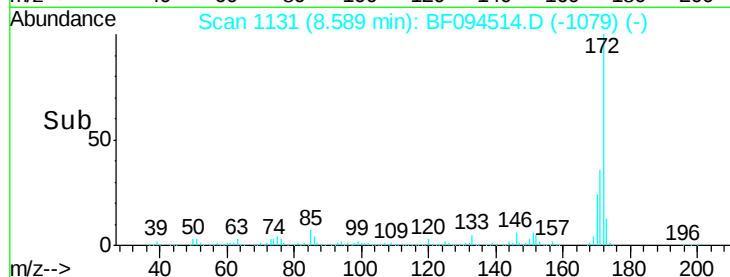
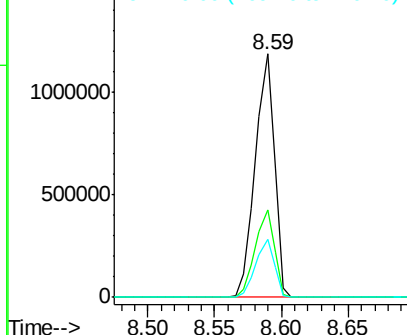
#44
2-Fluorobiphenyl
Concen: 78.76 ng
RT: 8.59 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

Instrument :
BNA_F
ClientSampleId :
PB98329BS

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

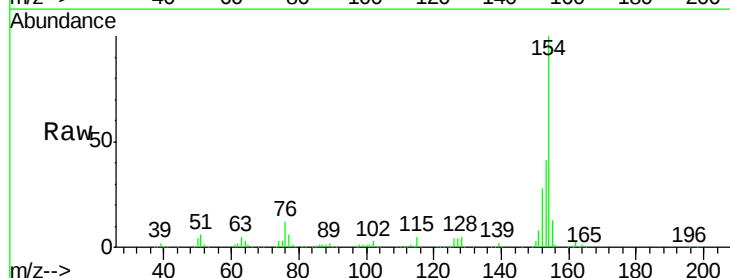


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

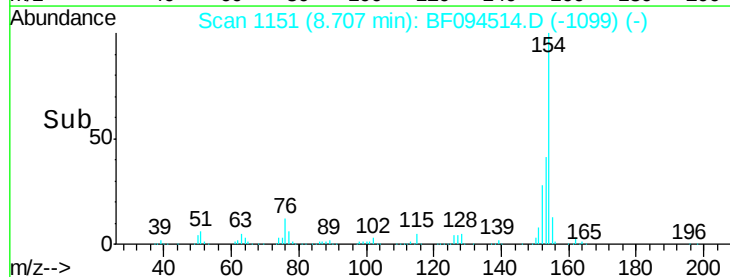
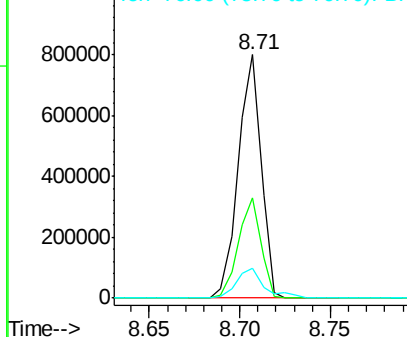


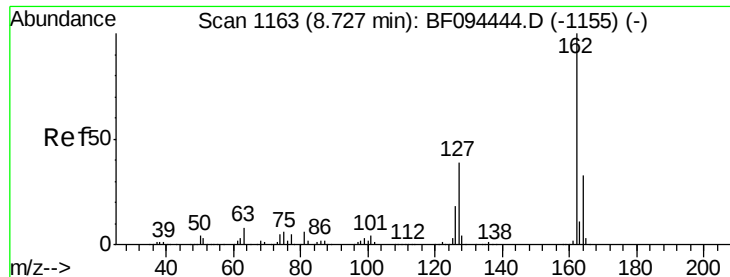
#45
1,1'-Biphenyl
Concen: 39.47 ng
RT: 8.71 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

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

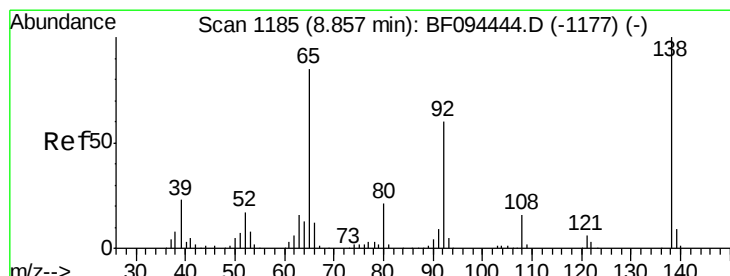
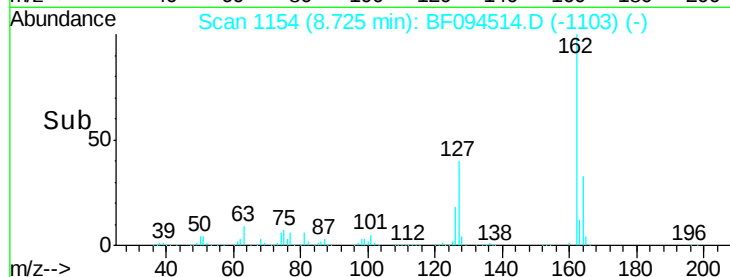
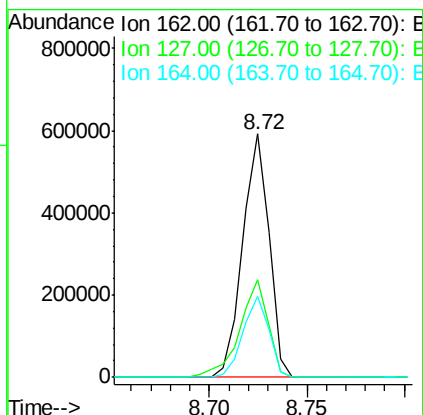
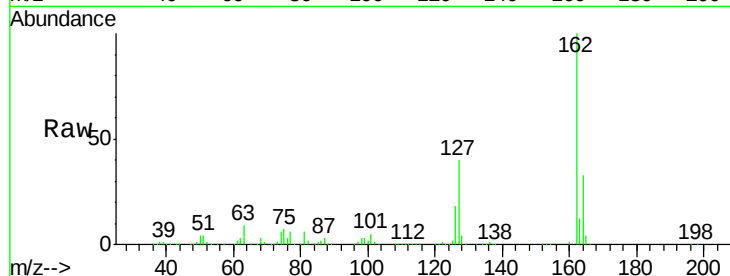




#46
 2-Chloronaphthalene
 Concen: 39.32 ng
 RT: 8.72 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

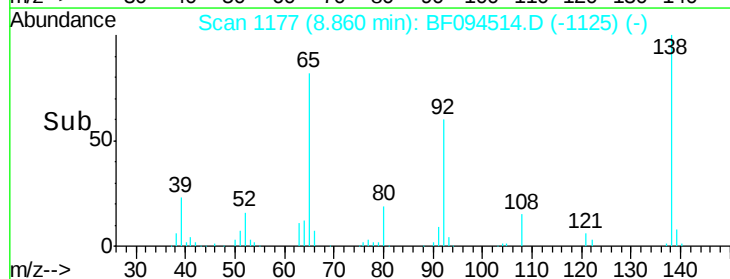
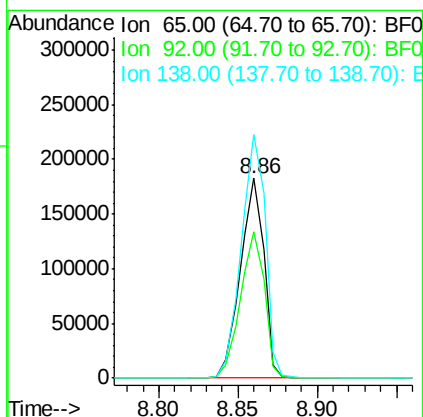
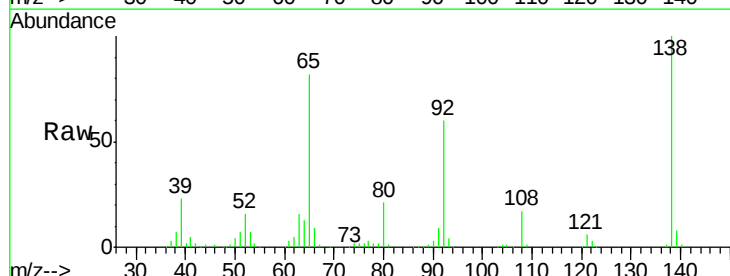
Instrument :
 BNA_F
 ClientSampleId :
 PB98329BS

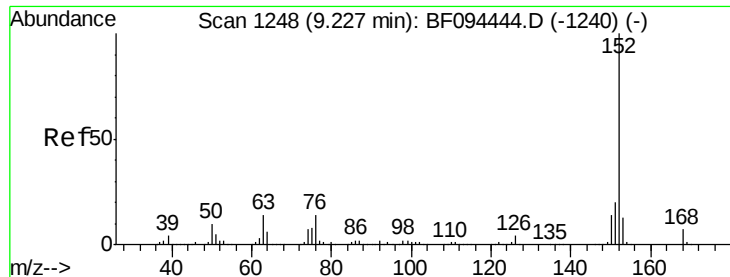
Tgt Ion:	162	Resp:	555082
Ion	Ratio	Lower	Upper
162	100		
127	40.1	28.3	42.5
164	33.1	27.0	40.4



#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:	65	Resp:	188564
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 :

PB98329BS

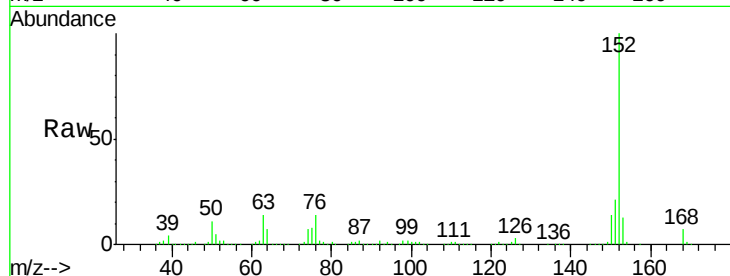
Tgt Ion:152 Resp: 916937

Ion Ratio Lower Upper

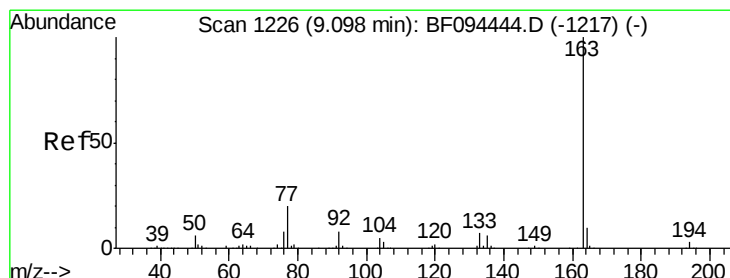
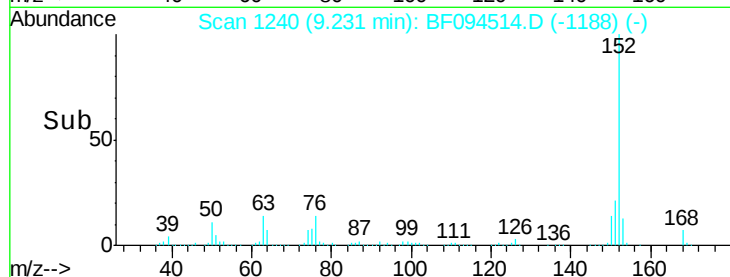
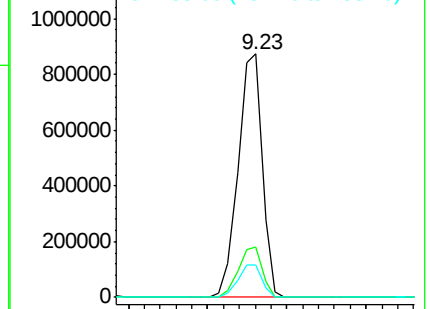
152 100

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

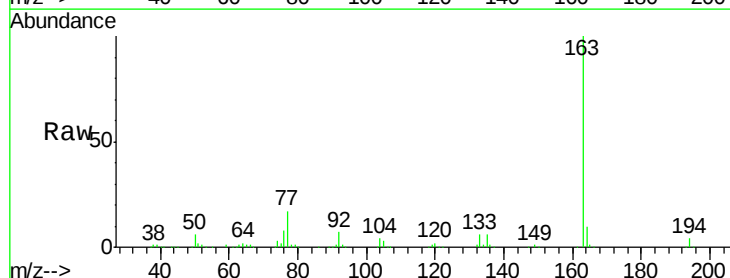
Tgt Ion:163 Resp: 771400

Ion Ratio Lower Upper

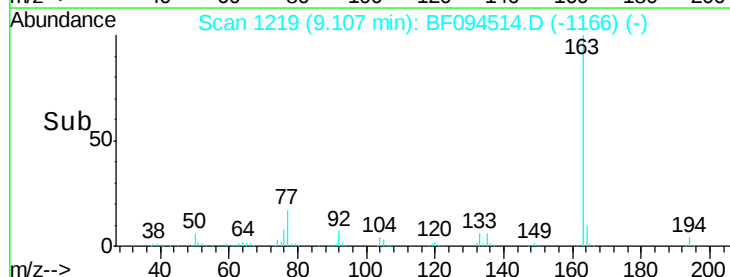
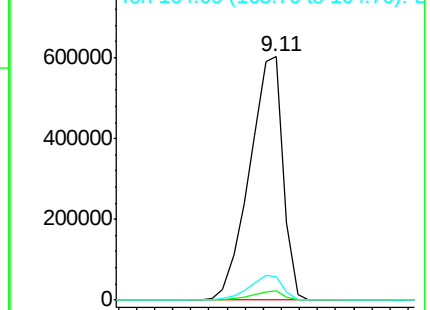
163 100

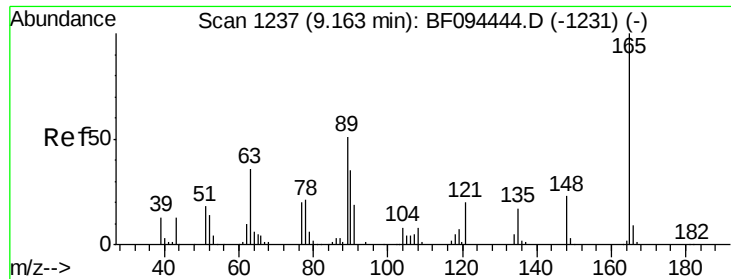
194 3.7 2.6 4.0

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

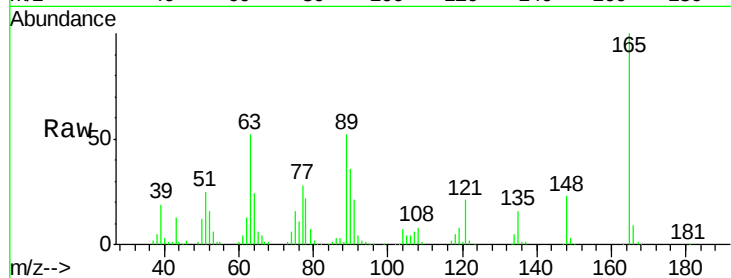




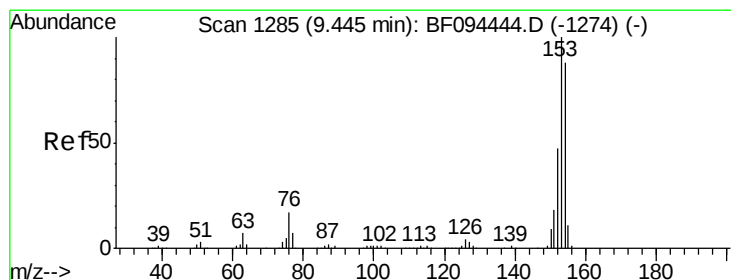
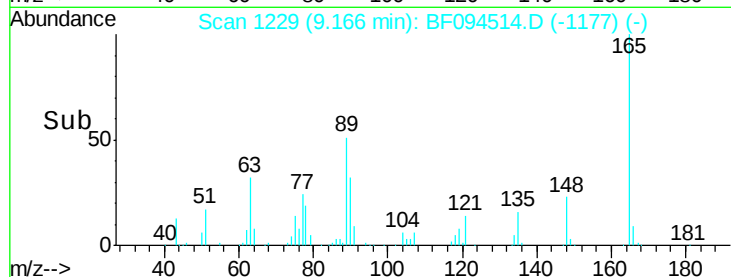
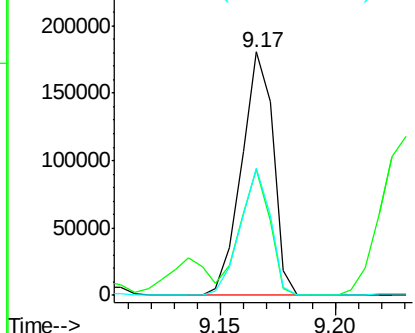
#50
2,6-Dinitrotoluene
Concen: 47.61 ng
RT: 9.17 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

Instrument :
BNA_F
ClientSampleId :
PB98329BS

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

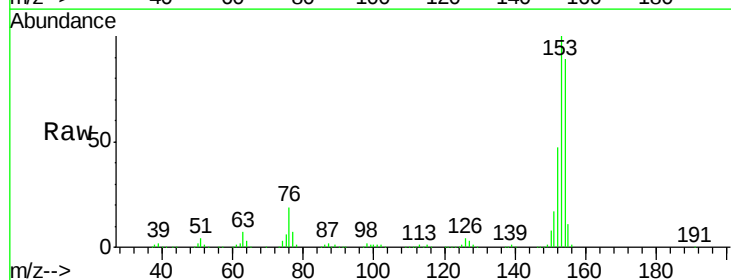


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

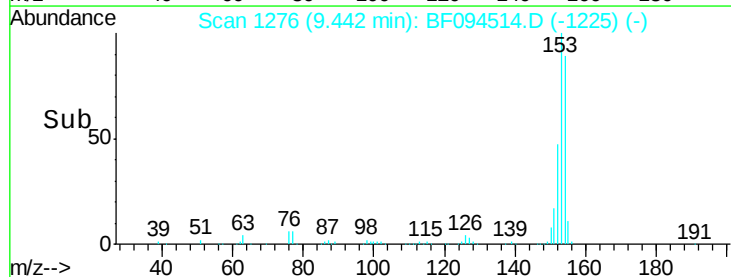
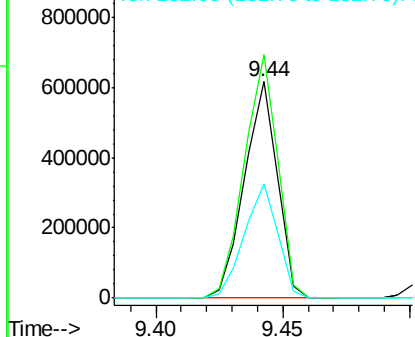


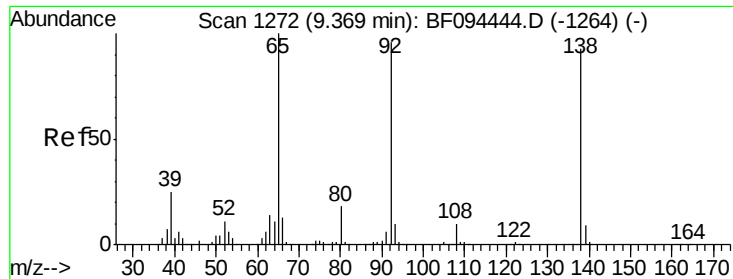
#51
Acenaphthene
Concen: 42.29 ng
RT: 9.44 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

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 :

PB98329BS

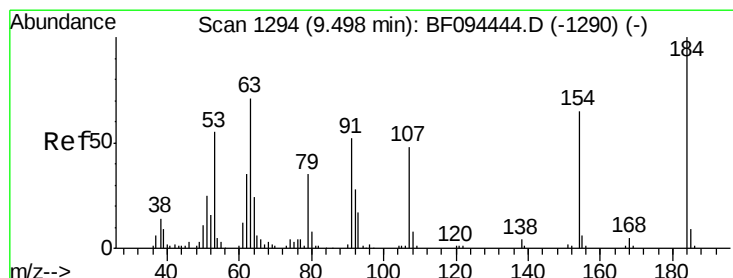
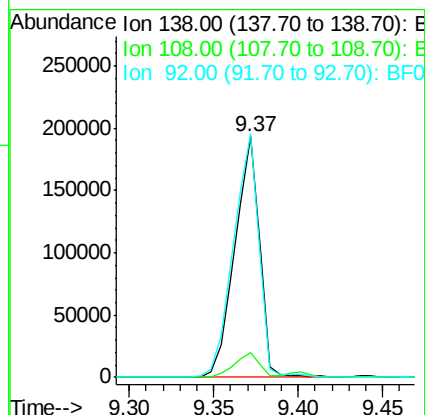
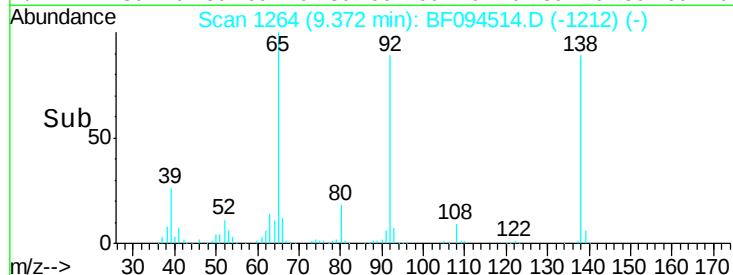
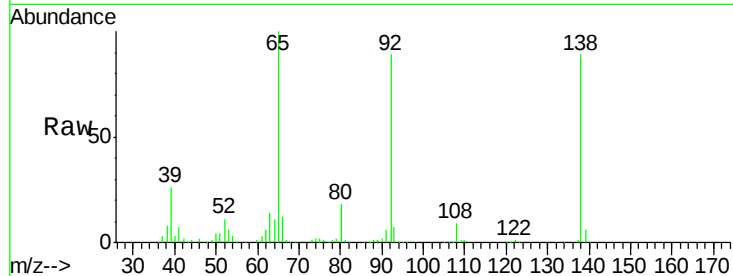
Tgt Ion:138 Resp: 195745

Ion Ratio Lower Upper

138 100

108 10.2 9.1 13.7

92 101.0 93.8 140.6



#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

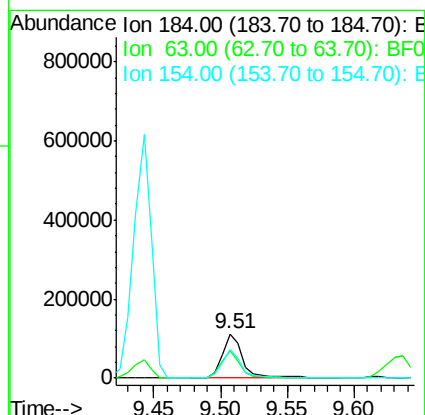
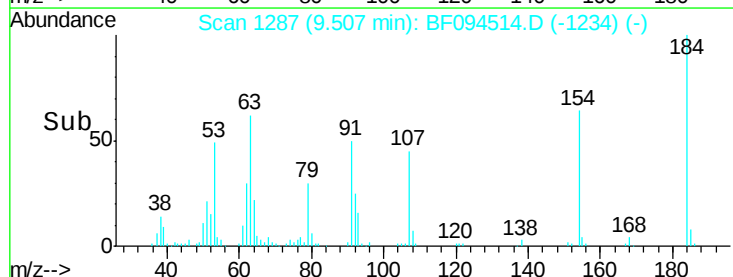
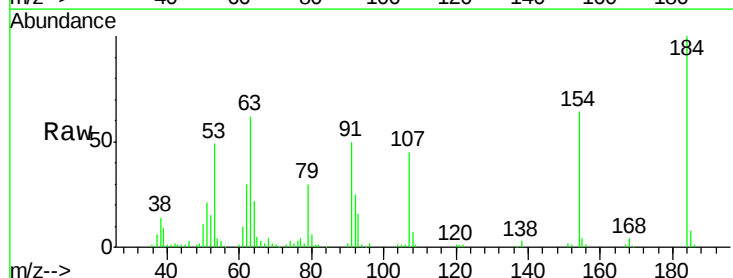
Tgt Ion:184 Resp: 122924

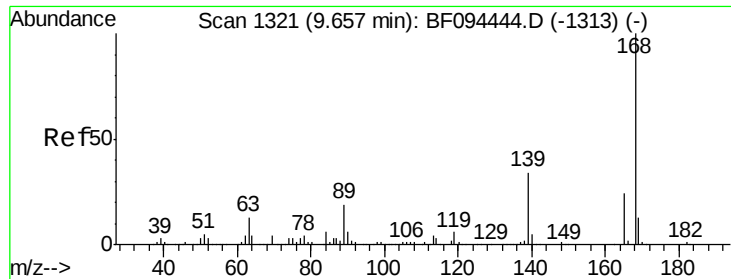
Ion Ratio Lower Upper

184 100

63 62.5 62.7 94.1#

154 63.5 81.1 121.7#

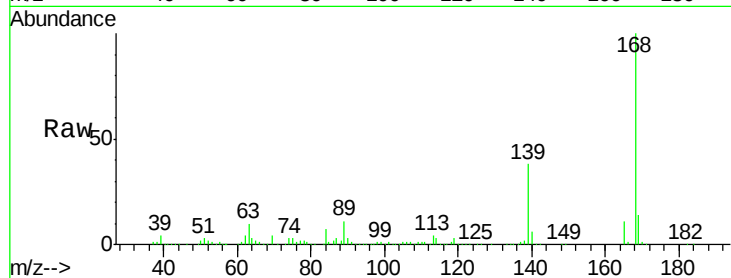




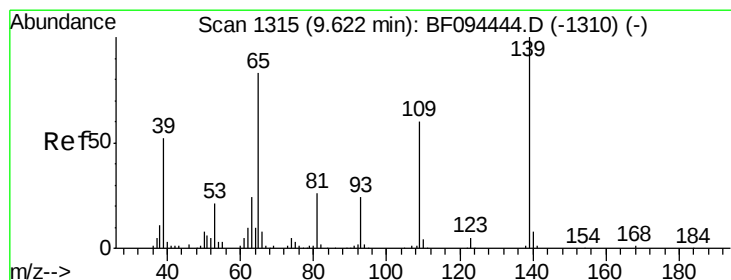
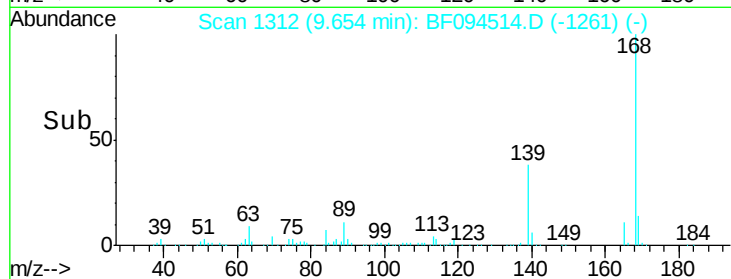
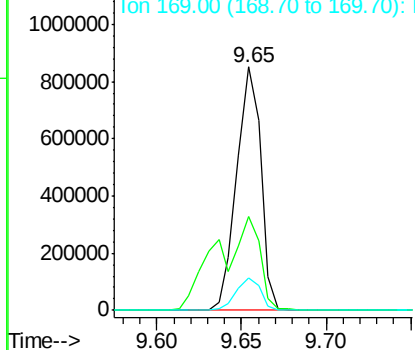
#54
Dibenzenofuran
Concen: 44.23 ng
RT: 9.65 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

Instrument :
BNA_F
ClientSampleId :
PB98329BS

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

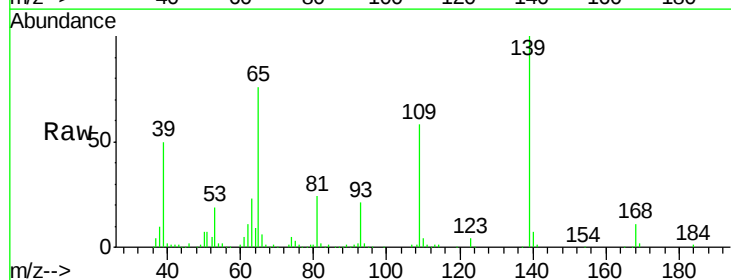


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

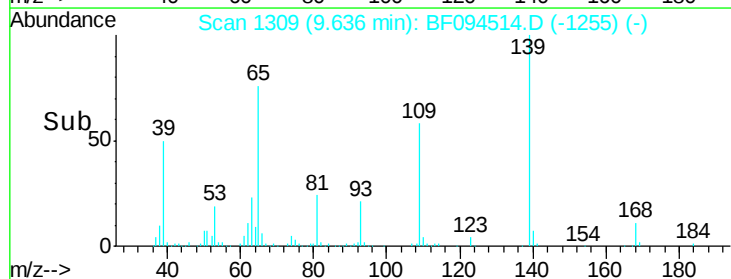
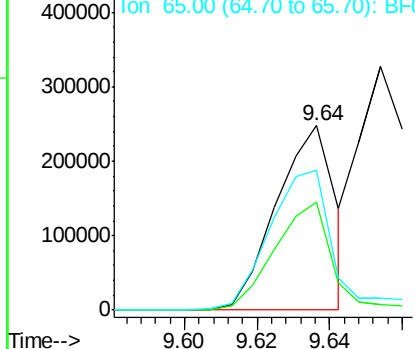


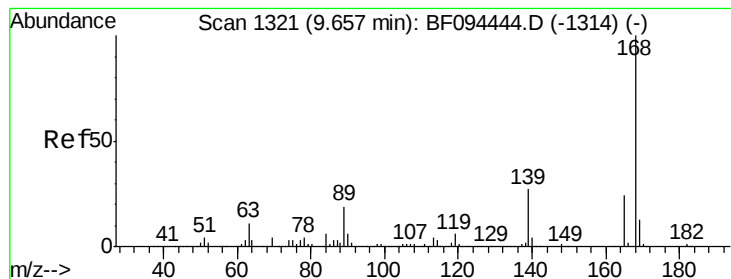
#55
4-Nitrophenol
Concen: 93.50 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

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

ClientSampleId :

PB98329BS

Tgt Ion:165 Resp: 224061

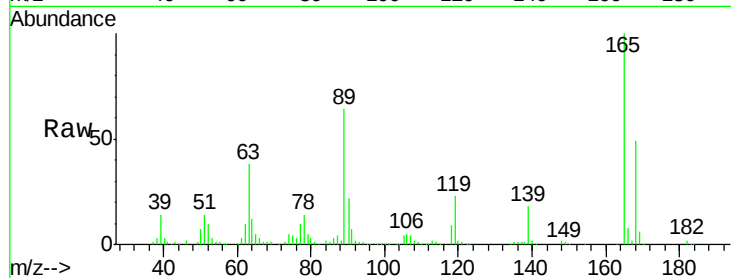
Ion Ratio Lower Upper

165 100

63 38.0 25.4 38.0

89 63.8 46.4 69.6

182 2.4 1.8 2.6

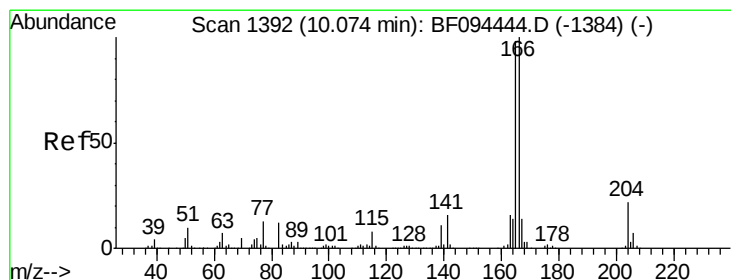
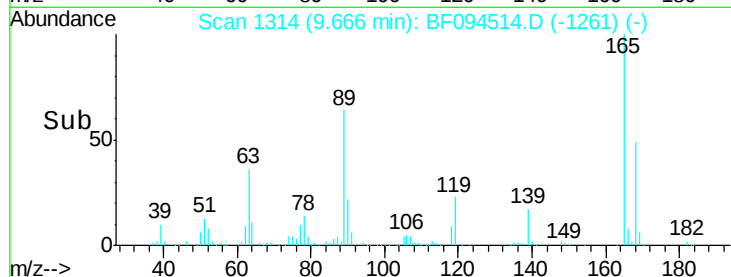
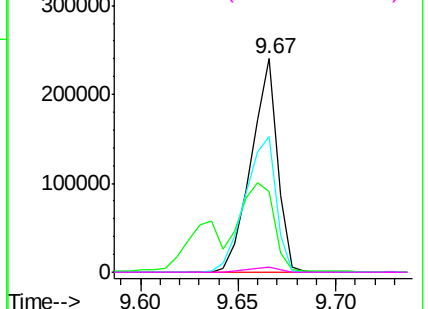


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 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

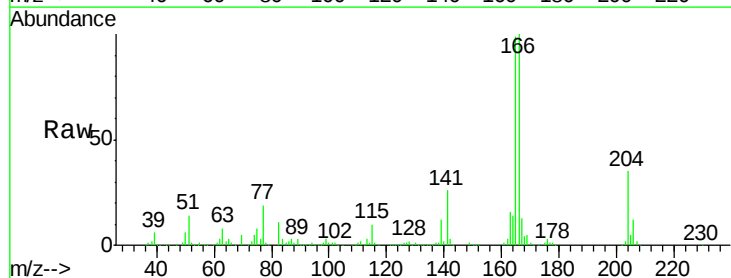
Tgt Ion:166 Resp: 671132

Ion Ratio Lower Upper

166 100

165 99.4 78.8 118.2

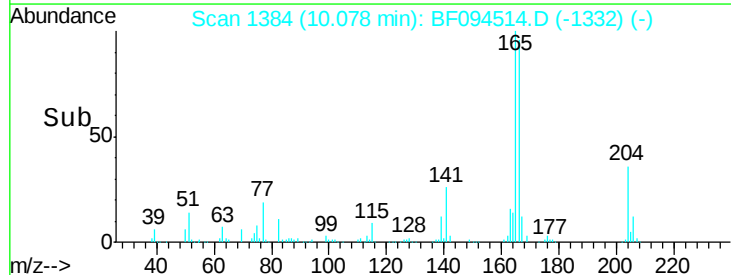
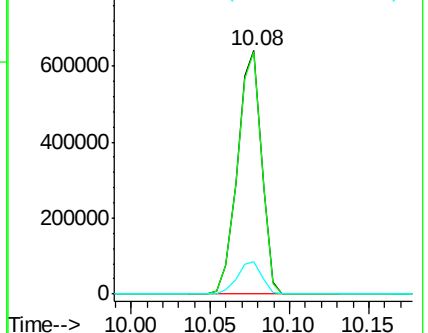
167 13.2 10.6 16.0

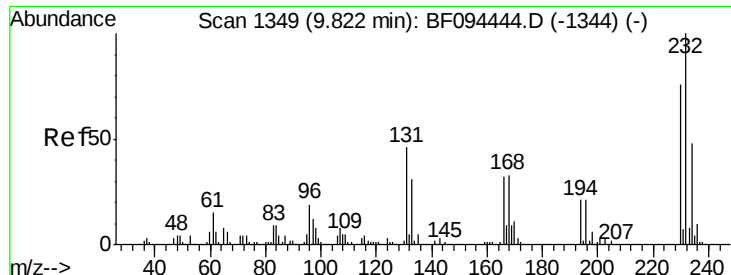


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

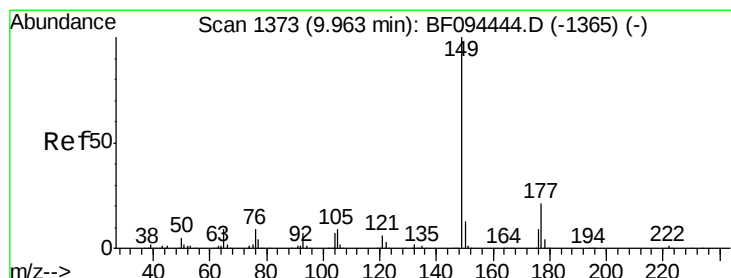
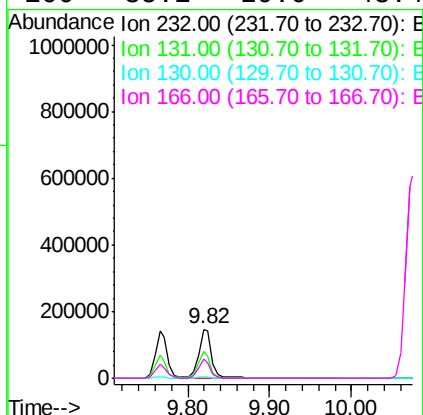
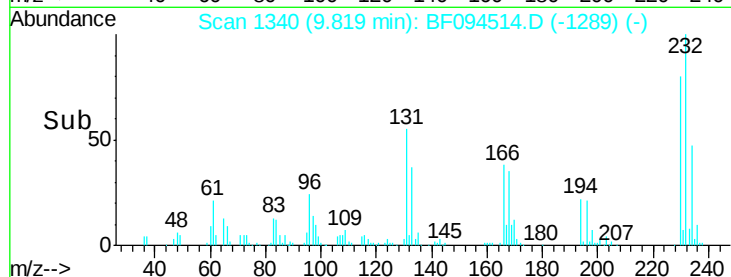
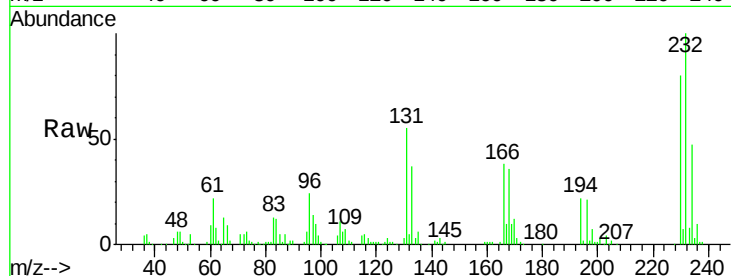




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.93 ng
 RT: 9.82 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

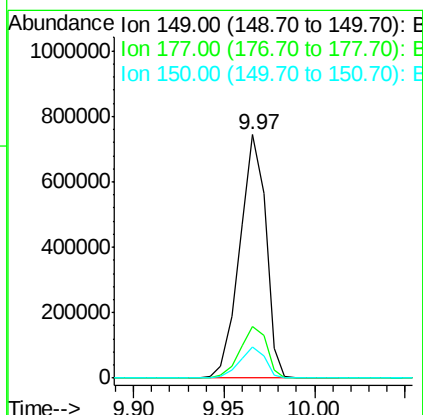
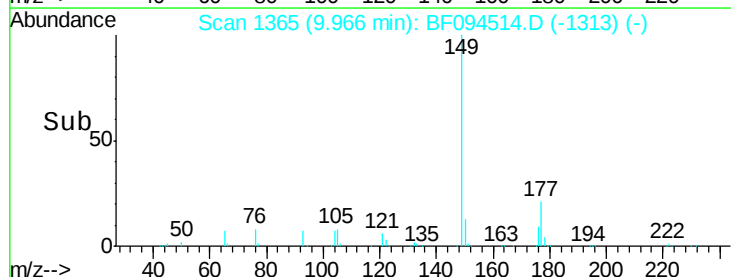
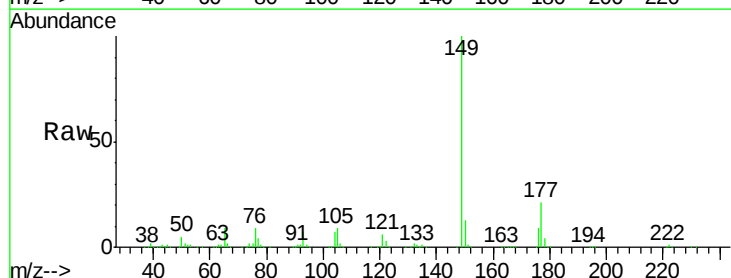
Instrument :
 BNA_F
 ClientSampleId :
 PB98329BS

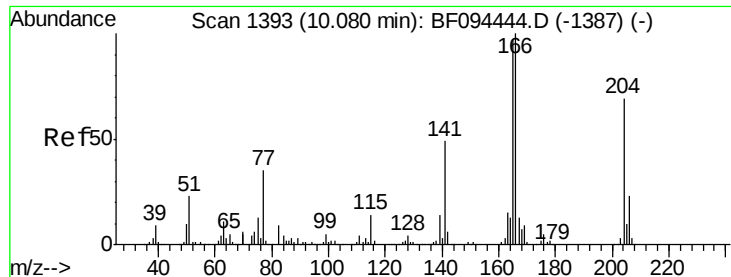
Tgt Ion:	232	Resp:	159693
Ion	Ratio	Lower	Upper
232	100		
131	50.3	44.8	67.2
130	2.3	2.3	3.5
166	35.1	29.0	43.4



#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

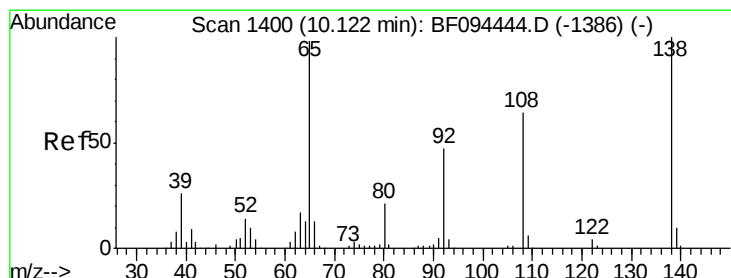
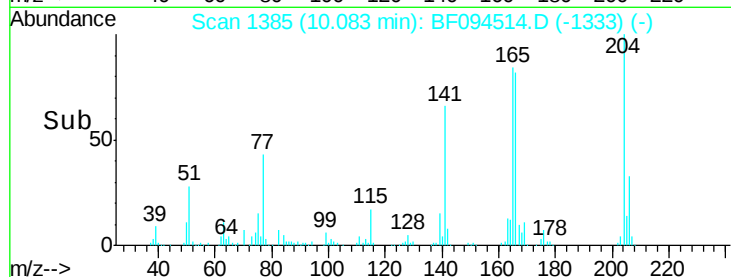
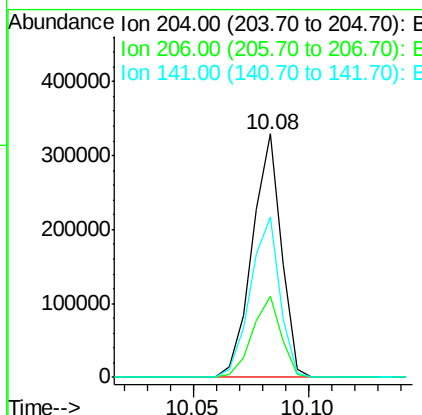
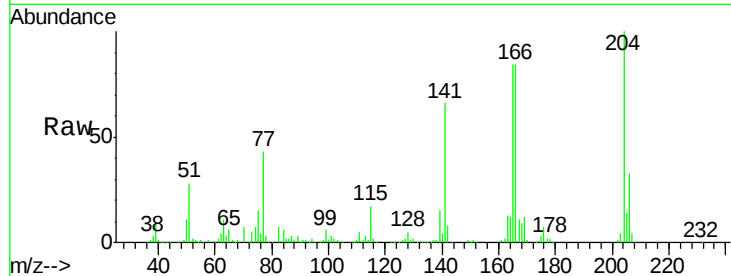




#60
 4-Chlorophenyl-phenylether
 Concen: 46.56 ng
 RT: 10.08 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

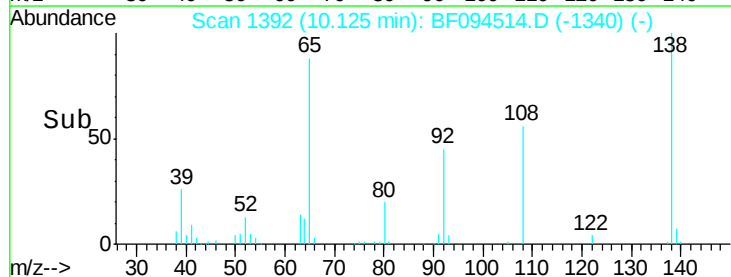
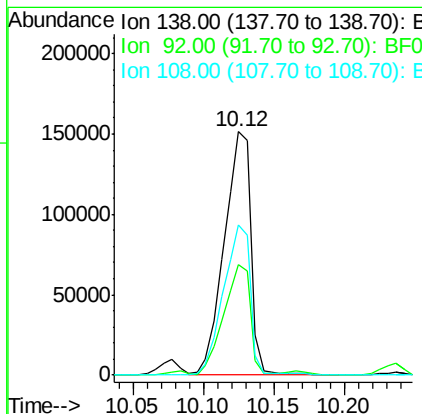
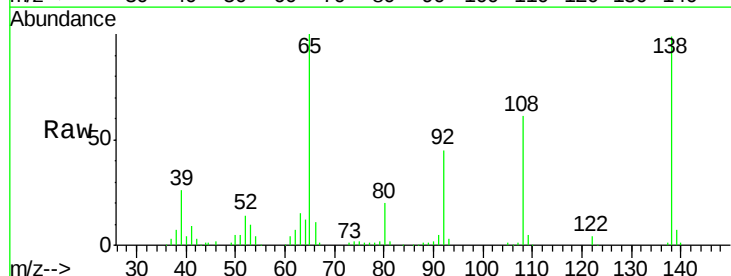
Instrument :
 BNA_F
 ClientSampleId :
 PB98329BS

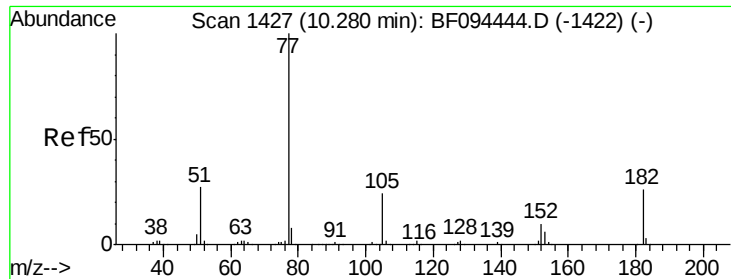
Tgt Ion:	204	Resp:	289043
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.2	39.2
141	65.8	60.8	91.2



#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 :

PB98329BS

Tgt Ion: 77 Resp: 703377

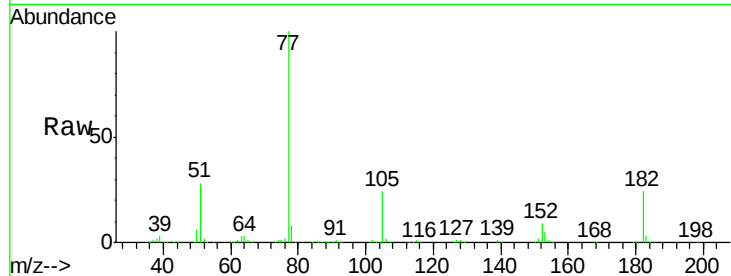
Ion Ratio Lower Upper

77 100

182 23.8 0.1 40.1

105 23.8 3.6 43.6

51 27.9 9.4 49.4

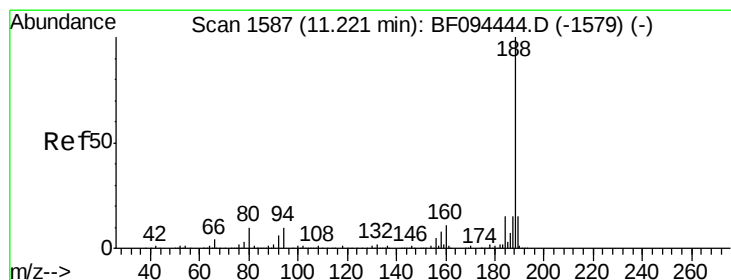
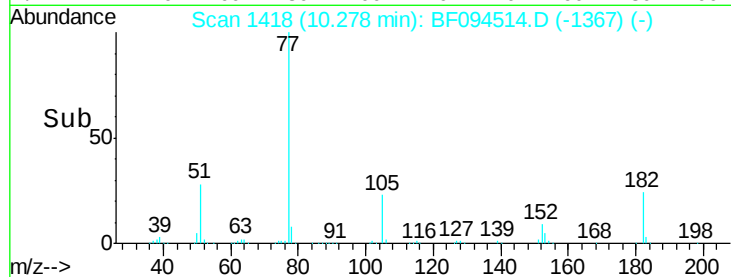
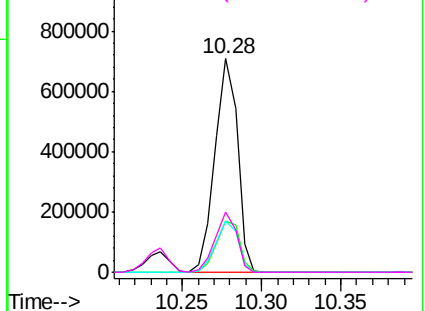


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

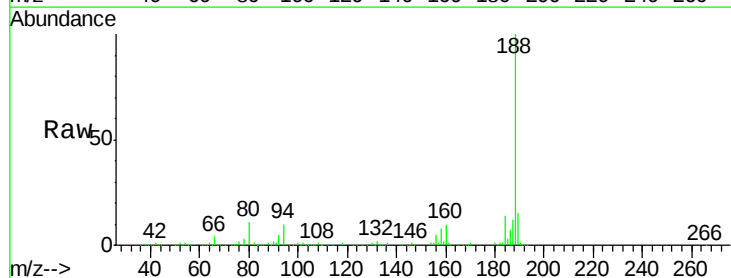
Tgt Ion: 188 Resp: 412764

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

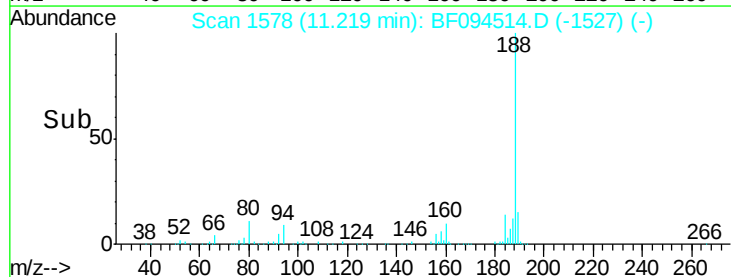
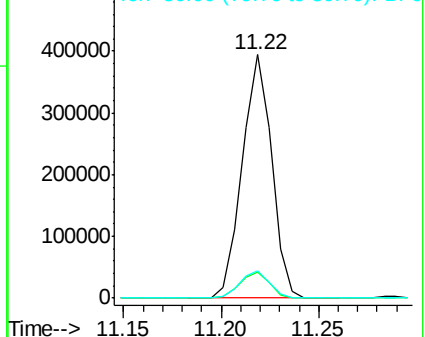
80 11.0 10.2 15.2

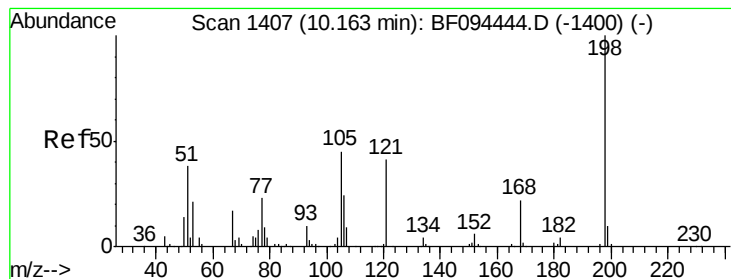


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 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

ClientSampleId :

PB98329BS

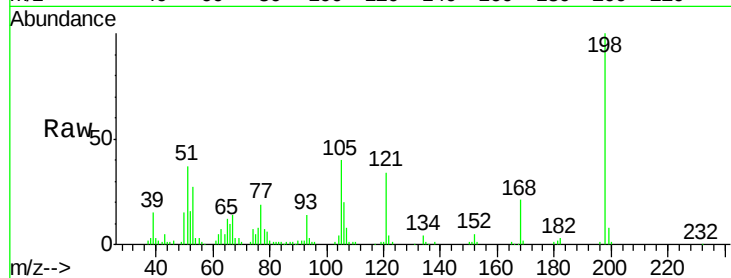
Tgt Ion:198 Resp: 102551

Ion Ratio Lower Upper

198 100

51 36.8 53.2 93.2#

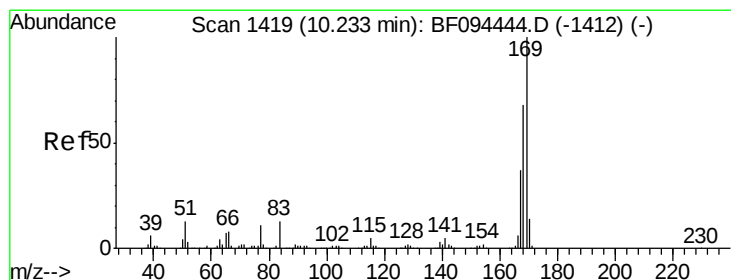
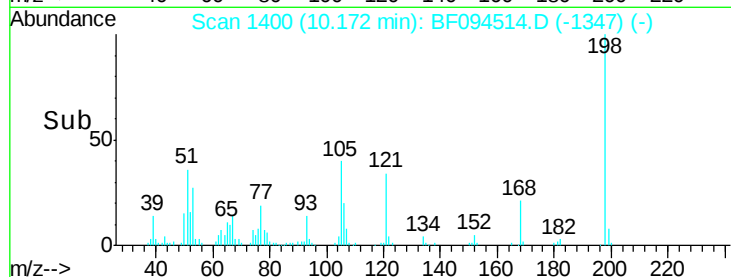
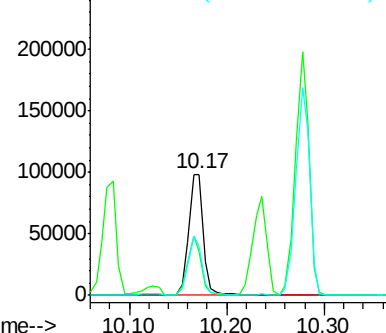
105 40.2 45.8 85.8#



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

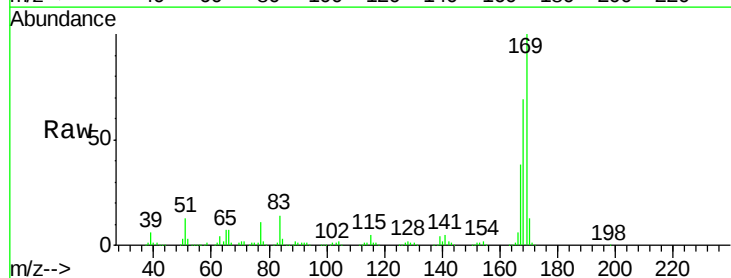
Tgt Ion:169 Resp: 635384

Ion Ratio Lower Upper

169 100

168 68.7 53.2 79.8

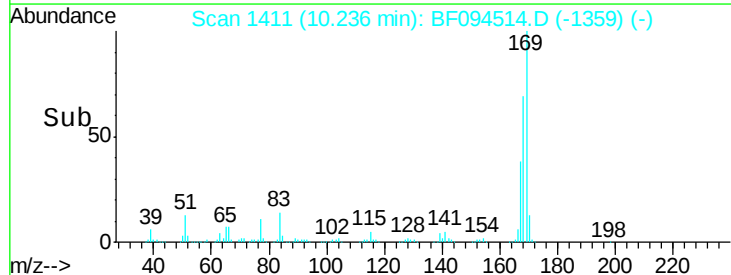
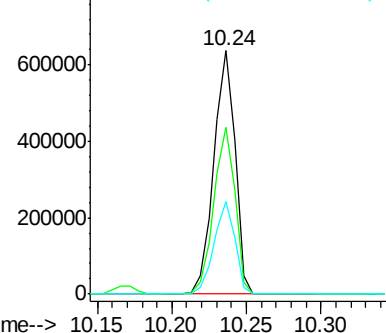
167 38.1 29.5 44.3

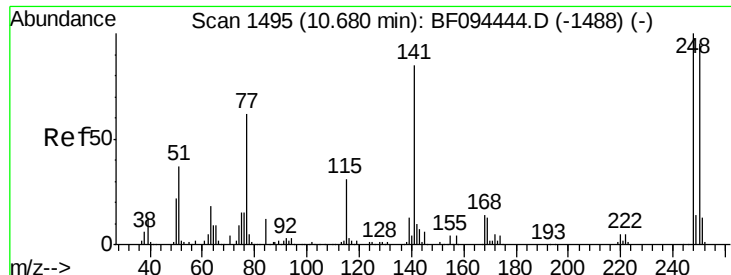


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

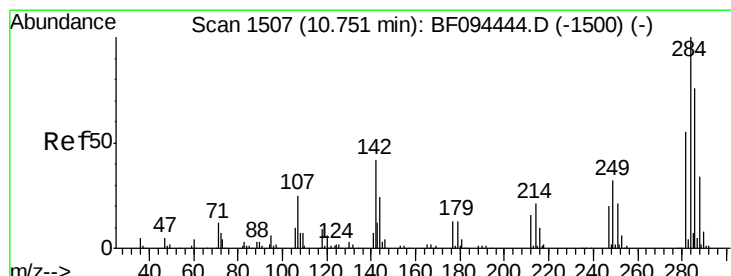
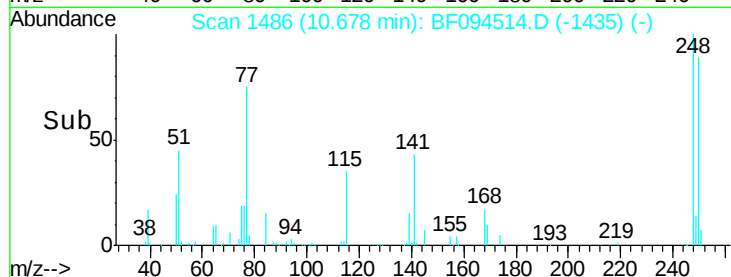
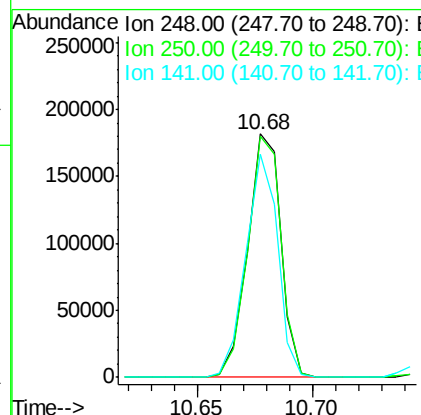
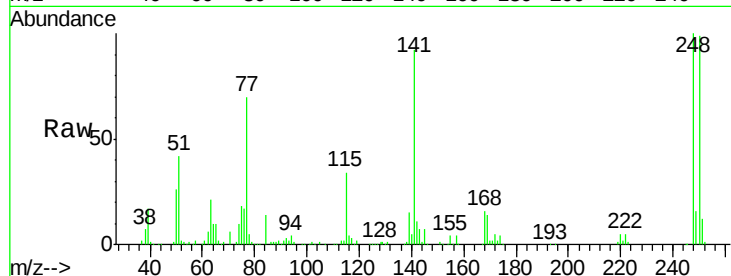




#66
 4-Bromophenyl-phenylether
 Concen: 44.69 ng
 RT: 10.68 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

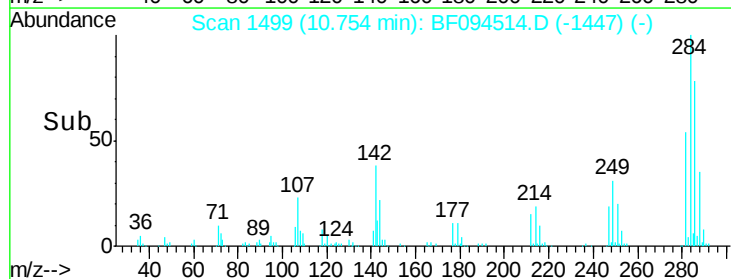
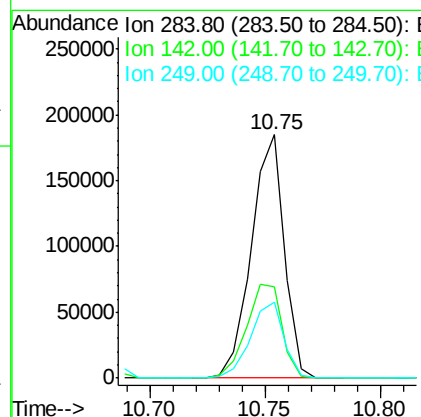
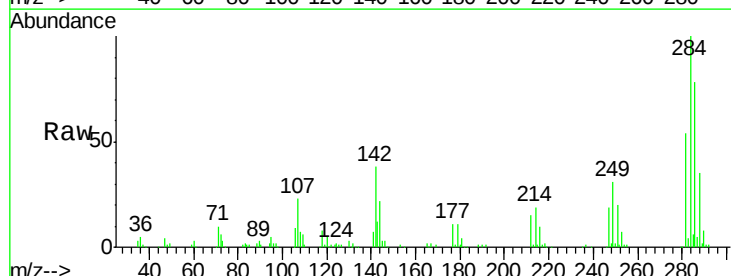
Instrument :
 BNA_F
 ClientSampleId :
 PB98329BS

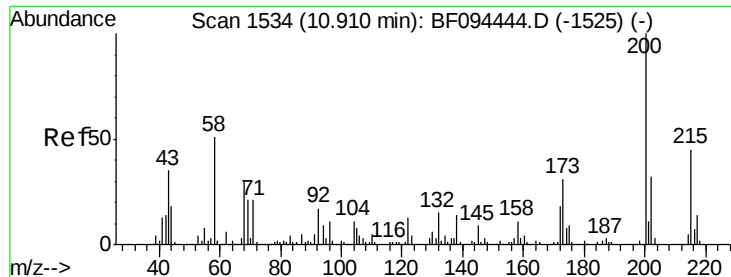
Tgt Ion:248 Resp: 183187
 Ion Ratio Lower Upper
 248 100
 250 98.8 76.8 115.2
 141 91.9 68.6 103.0



#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

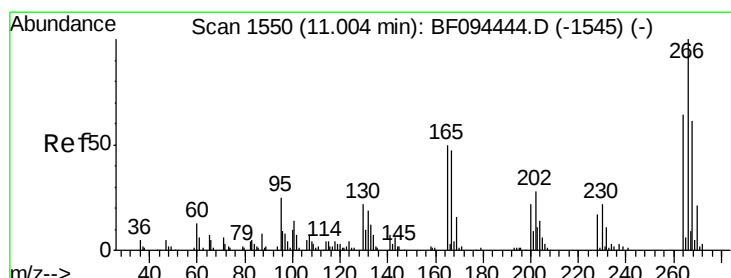
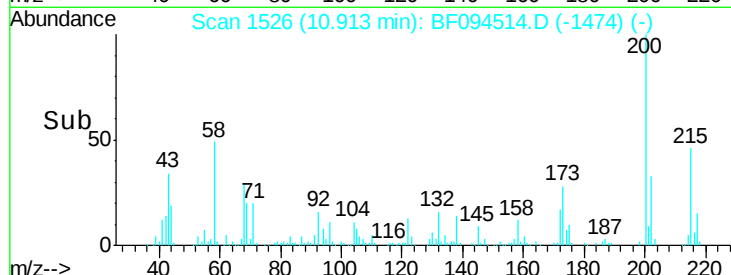
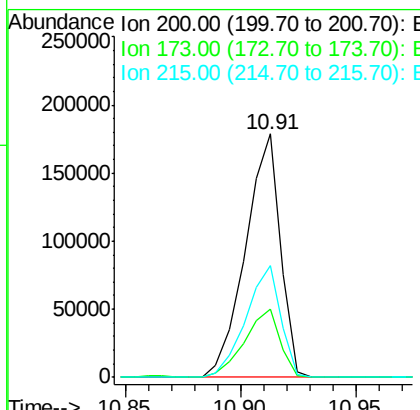
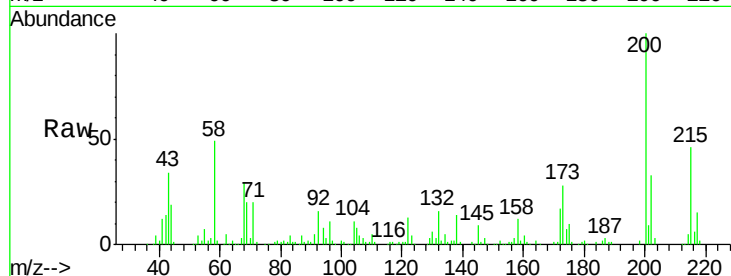




#68
 Atrazine
 Concen: 43.88 ng
 RT: 10.91 min Scan# 1526
 Delta R.T. 0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

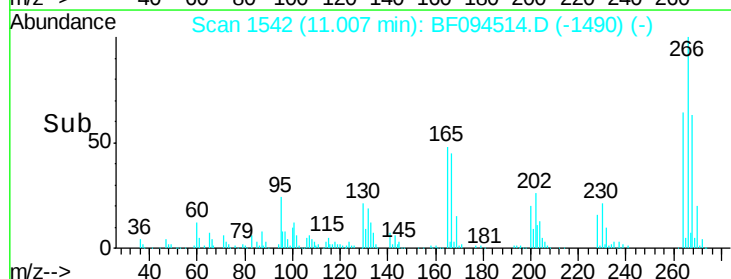
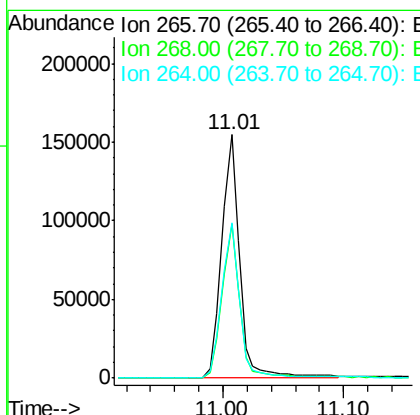
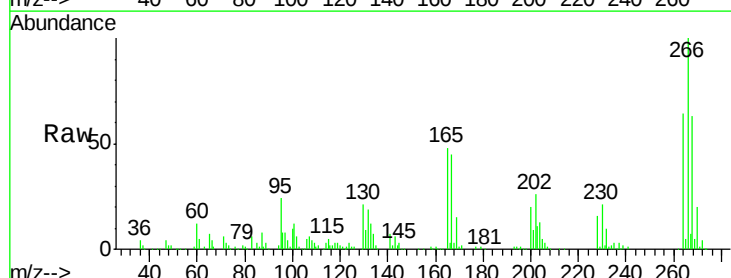
Instrument :
 BNA_F
 ClientSampleId :
 PB98329BS

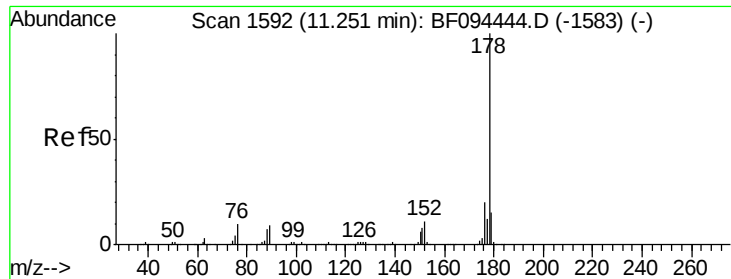
Tgt Ion:200 Resp: 188423
 Ion Ratio Lower Upper
 200 100
 173 27.9 6.3 46.3
 215 45.9 27.2 67.2



#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:266 Resp: 160874
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.1 76.7
 264 63.9 51.7 77.5

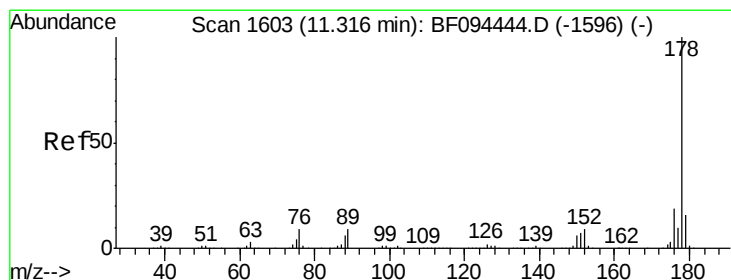
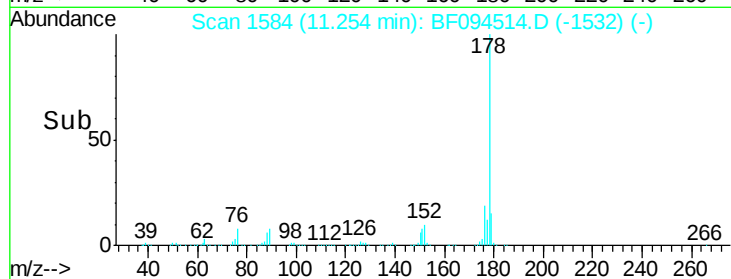
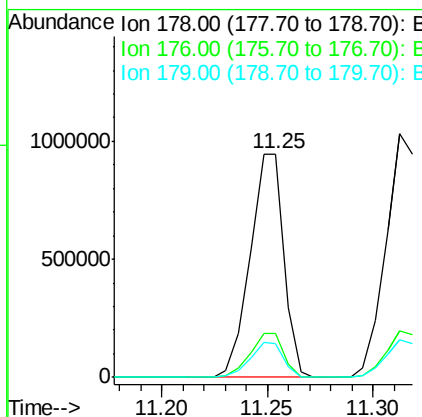
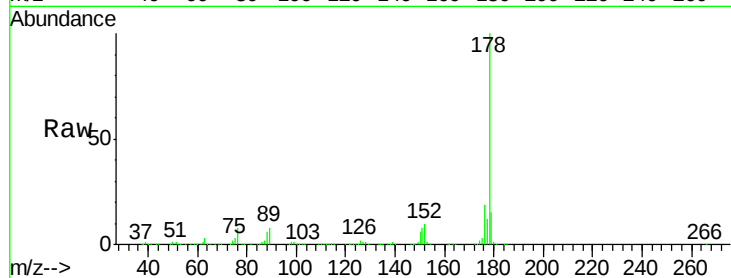




#70
Phenanthrene
Concen: 45.19 ng
RT: 11.25 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

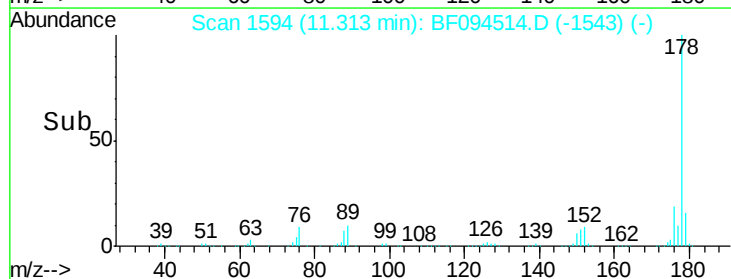
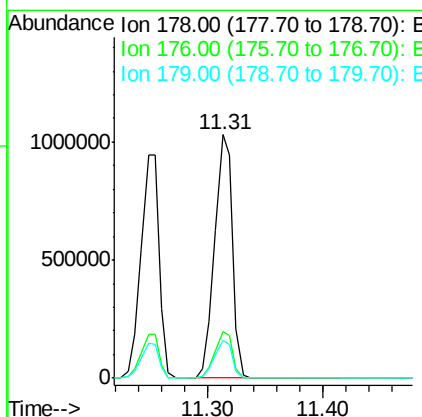
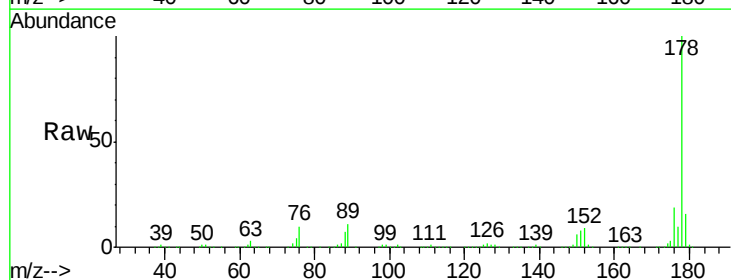
Instrument :
BNA_F
ClientSampleId :
PB98329BS

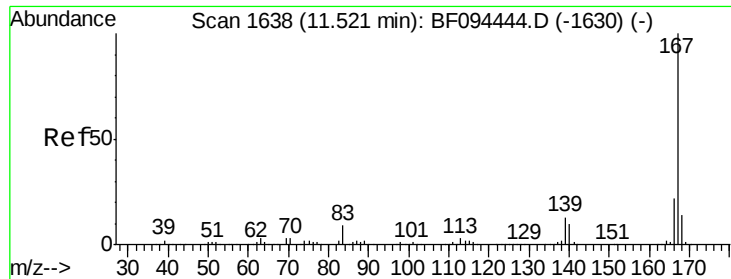
Tgt Ion:178 Resp: 1050389
Ion Ratio Lower Upper
178 100
176 19.4 16.2 24.4
179 15.4 12.6 19.0



#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

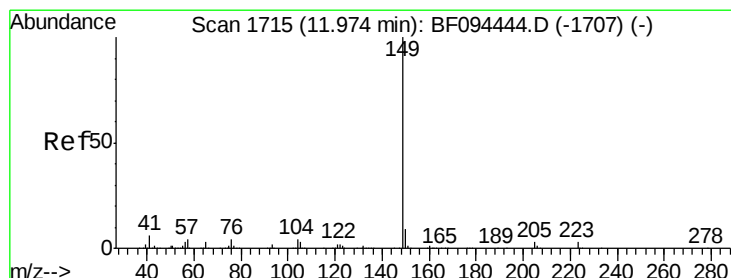
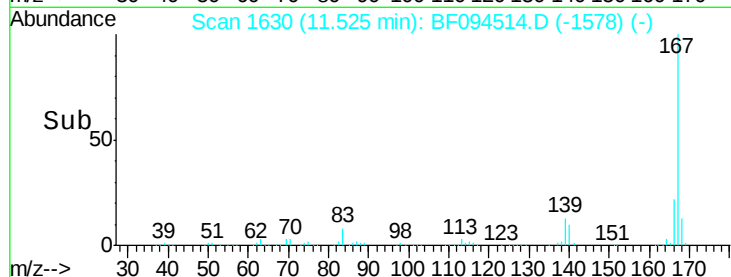
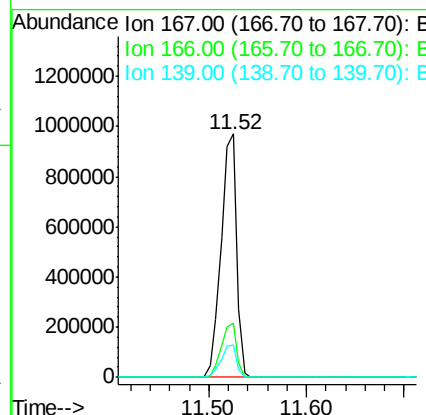
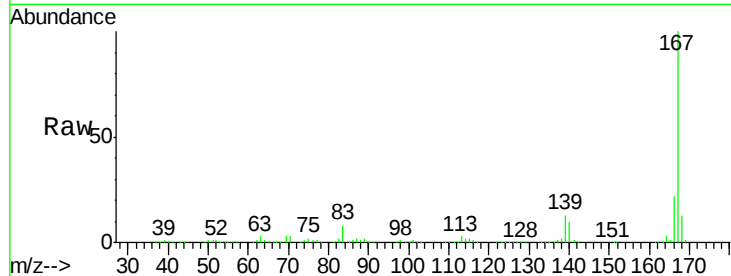




#72
 Carbazole
 Concen: 47.55 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

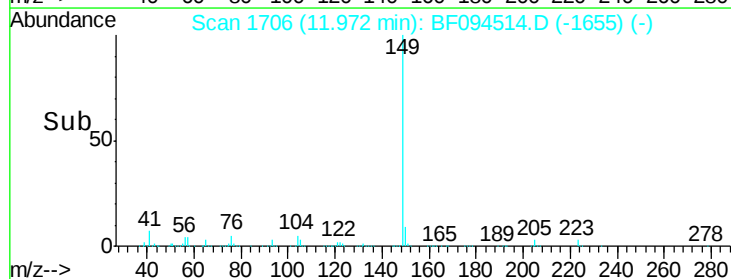
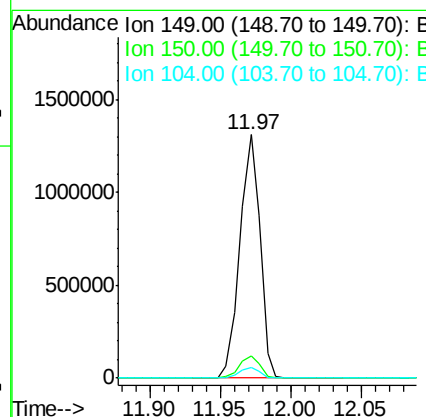
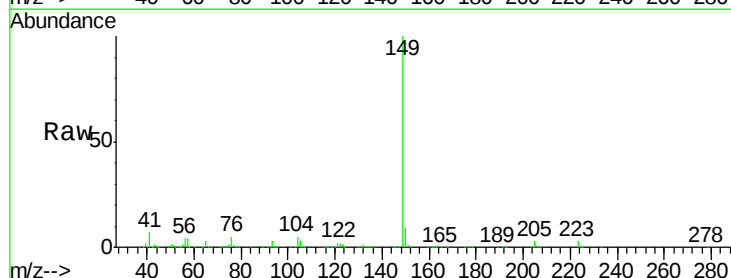
Instrument :
 BNA_F
 ClientSampleId :
 PB98329BS

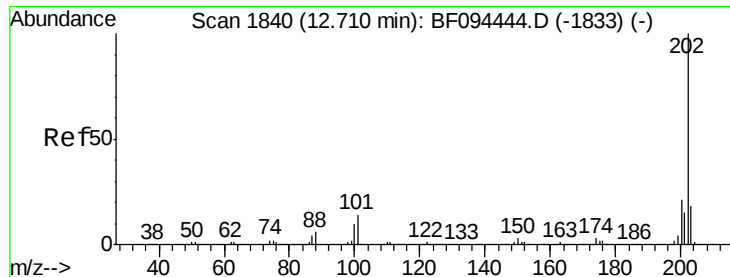
Tgt Ion:167 Resp: 1072976
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.2 11.7 17.5



#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

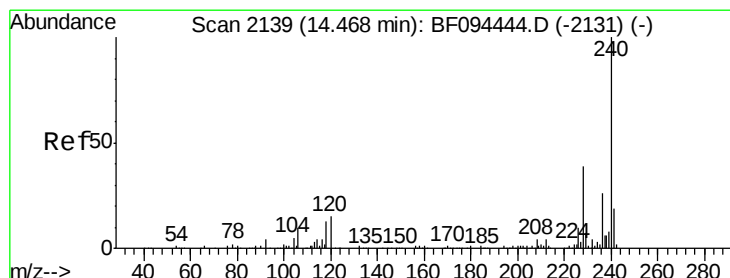
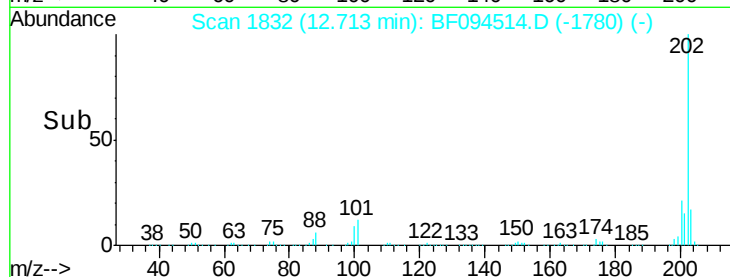
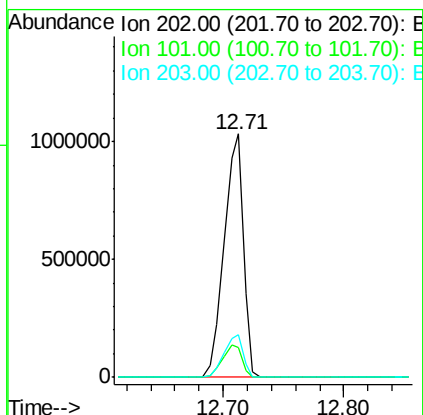
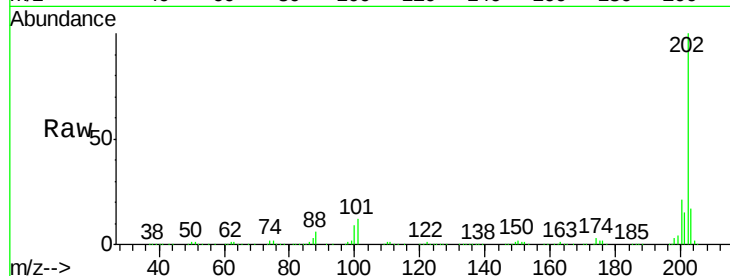




#74
 Fluoranthene
 Concen: 47.14 ng
 RT: 12.71 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

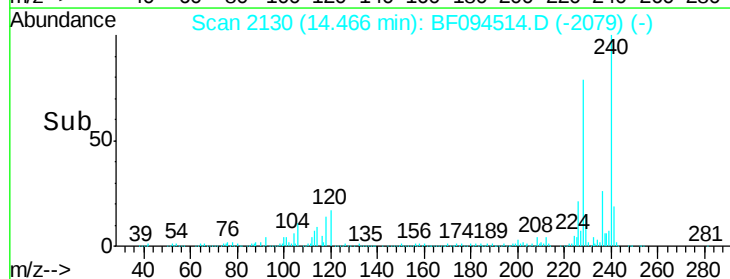
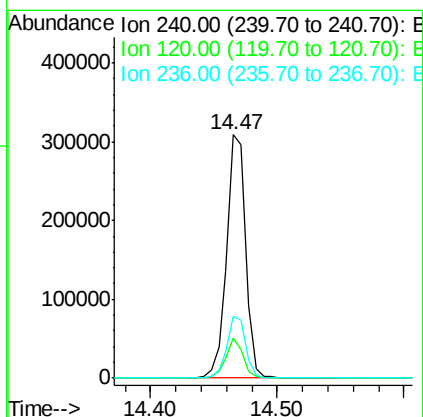
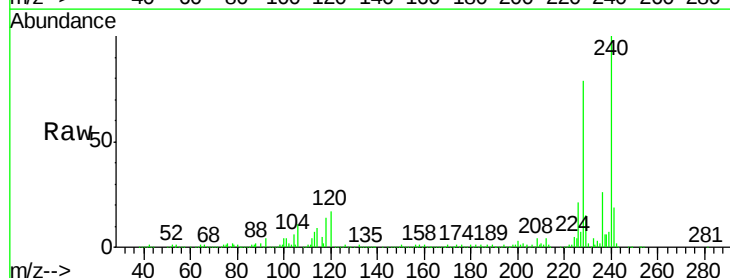
Instrument :
 BNA_F
 ClientSampleId :
 PB98329BS

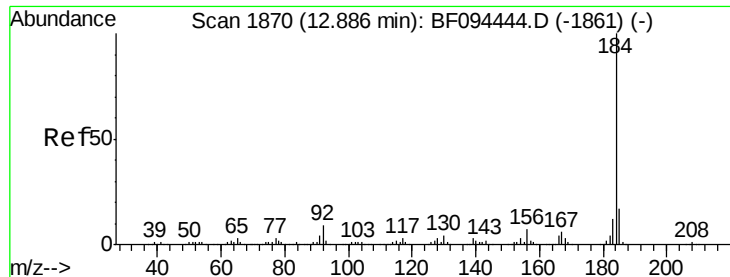
Tgt Ion: 202 Resp: 1135512
 Ion Ratio Lower Upper
 202 100
 101 12.4 0.0 33.2
 203 17.5 0.0 38.1



#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

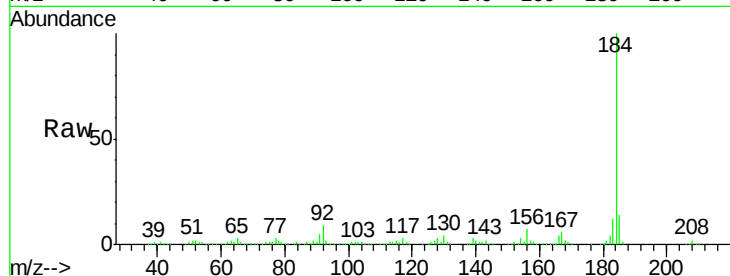




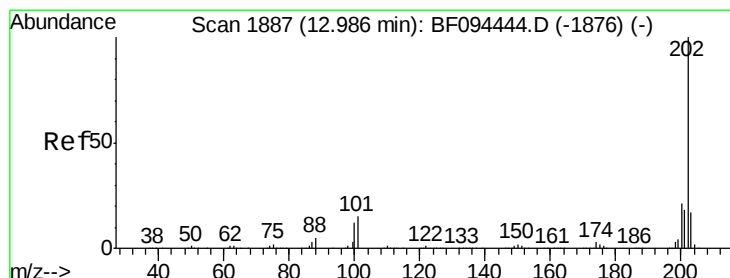
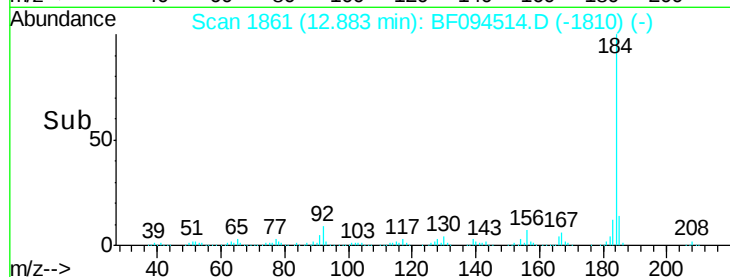
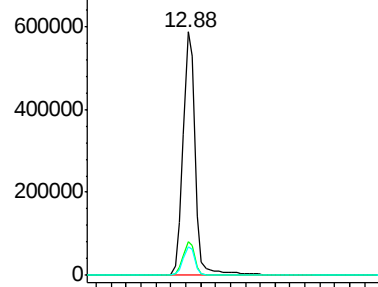
#76
Benzidine
Concen: 51.96 ng
RT: 12.88 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

Instrument :
BNA_F
ClientSampleId :
PB98329BS

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

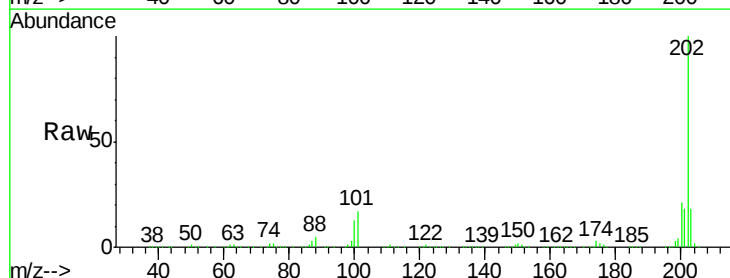


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

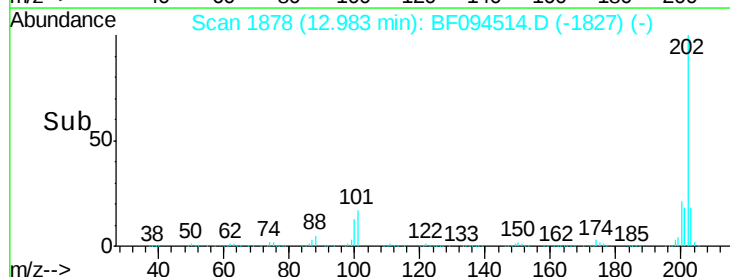
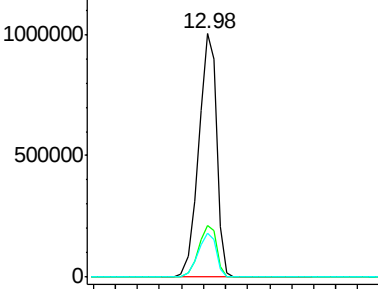


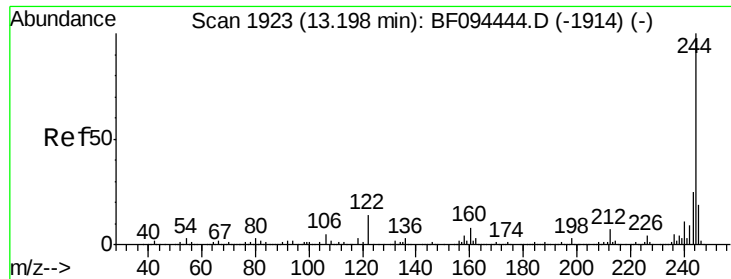
#77
Pyrene
Concen: 51.40 ng
RT: 12.98 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

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

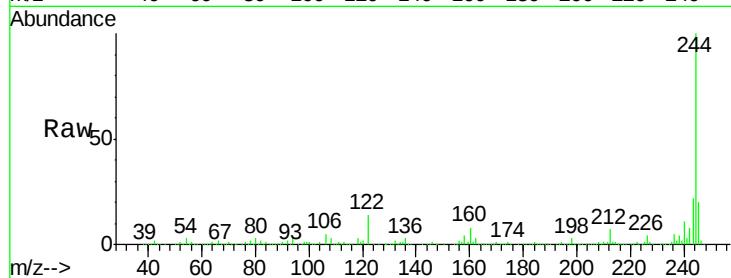




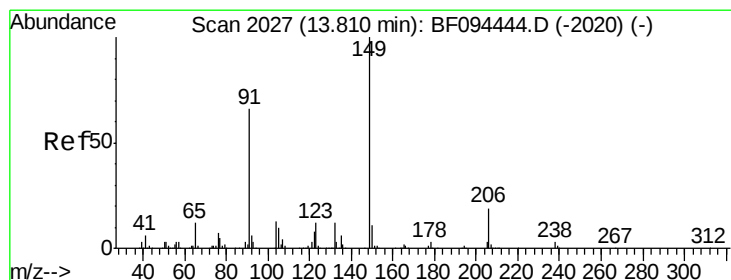
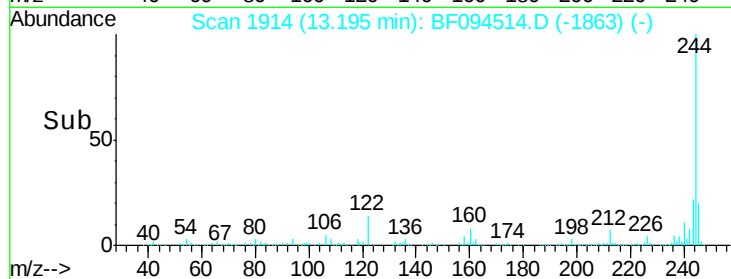
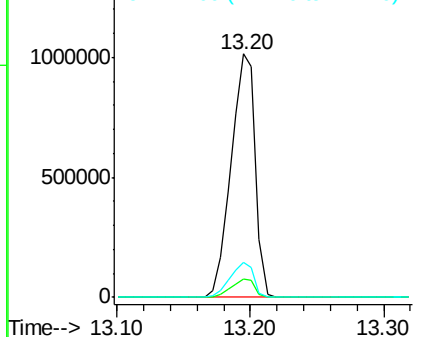
#78
 Terphenyl-d14
 Concen: 107.76 ng
 RT: 13.20 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB98329BS

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

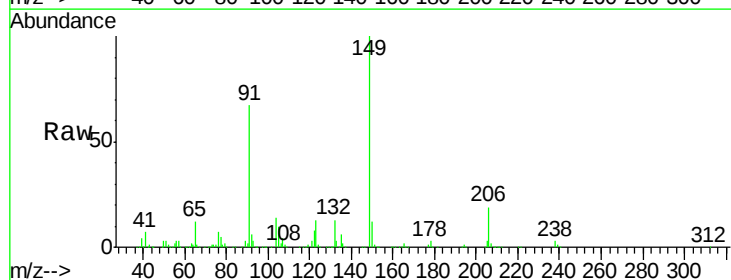


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

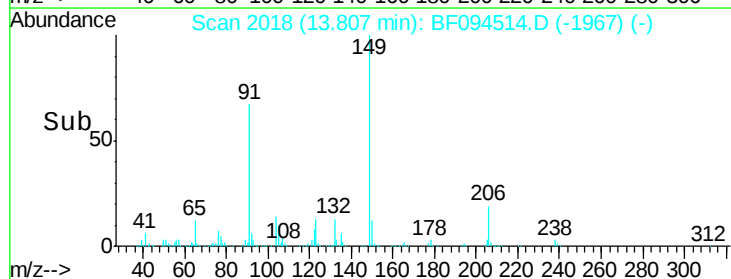
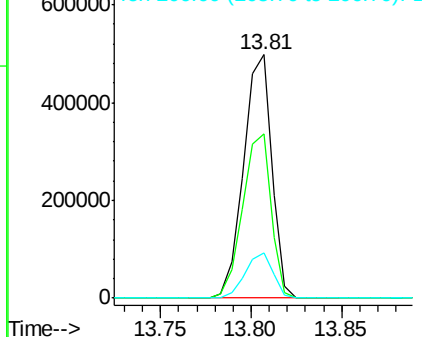


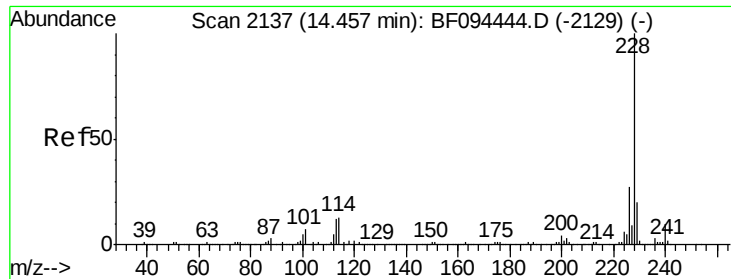
#79
 Butylbenzylphthalate
 Concen: 55.16 ng
 RT: 13.81 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF094514.D
 Acq: 19 Apr 2017 14:26

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

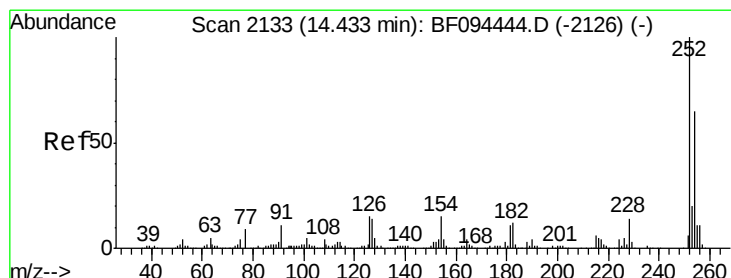
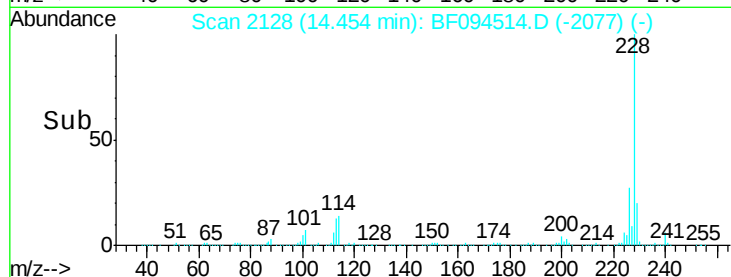
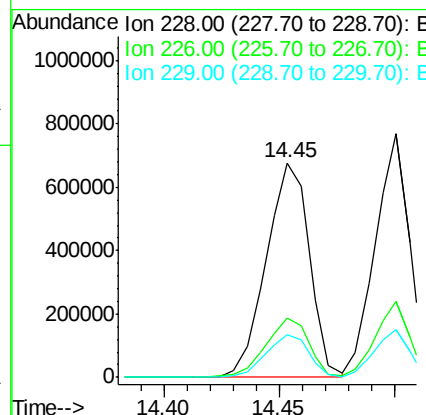
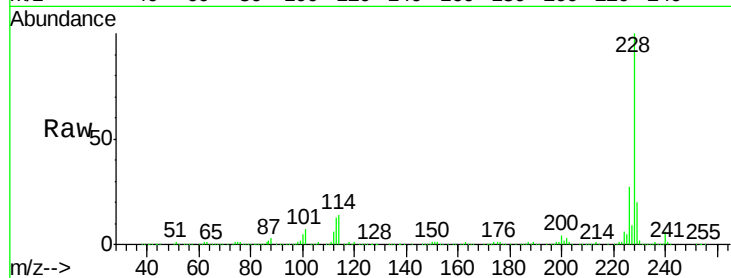




#80
Benzo(a)anthracene
Concen: 47.35 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

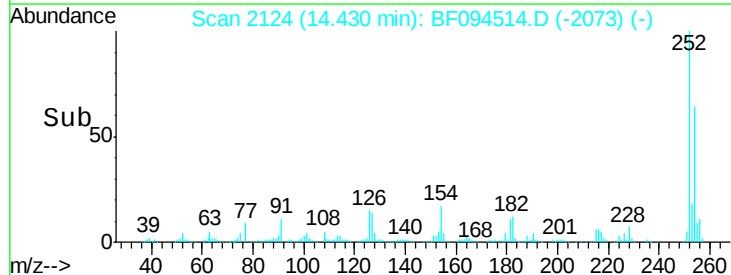
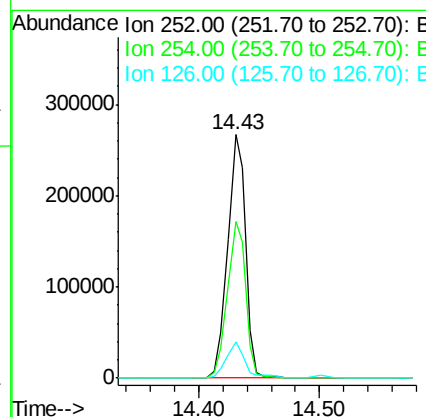
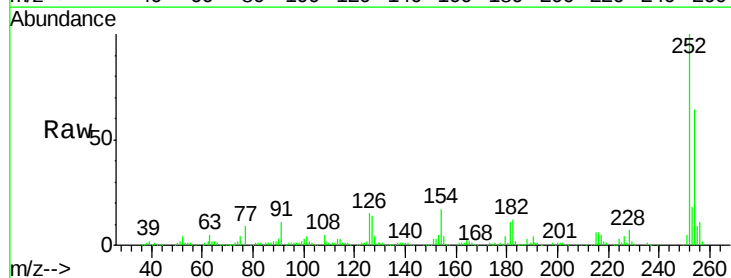
Instrument :
BNA_F
ClientSampleId :
PB98329BS

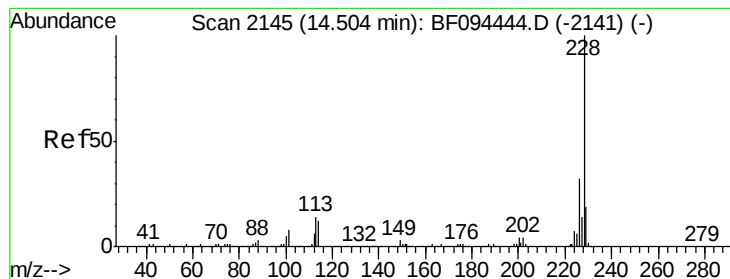
Tgt Ion:228 Resp: 875723
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 20.1 16.3 24.5



#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#





#82

Chrysene

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

ClientSampleId :

PB98329BS

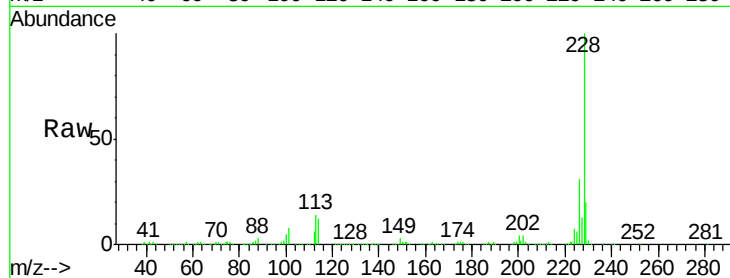
Tgt Ion:228 Resp: 786041

Ion Ratio Lower Upper

228 100

226 31.2 24.9 37.3

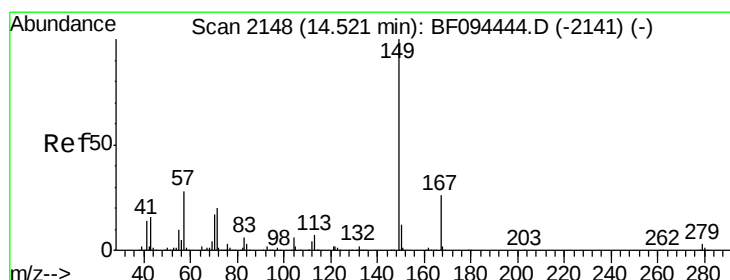
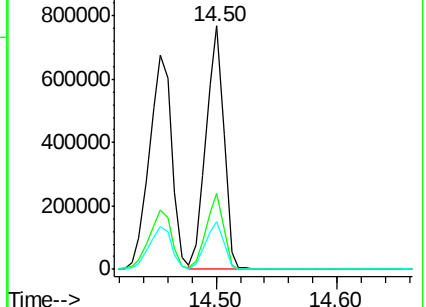
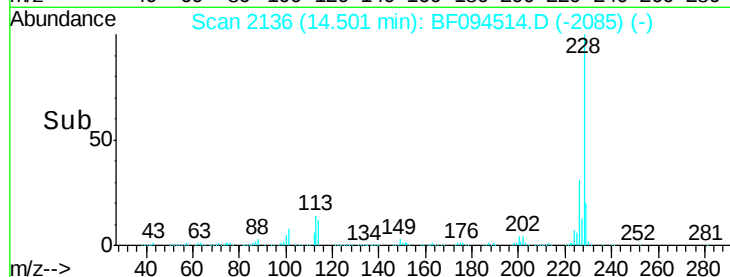
229 19.7 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 55.49 ng

RT: 14.52 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BF094514.D

Acq: 19 Apr 2017 14:26

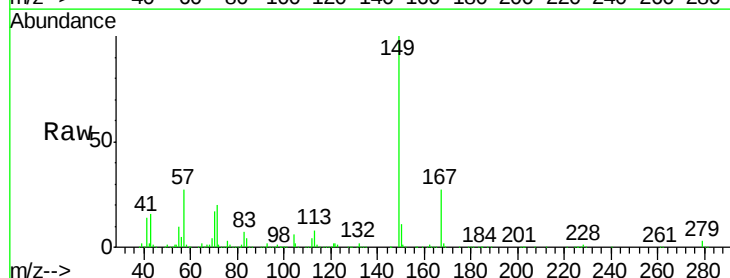
Tgt Ion:149 Resp: 725917

Ion Ratio Lower Upper

149 100

167 26.7 21.0 31.4

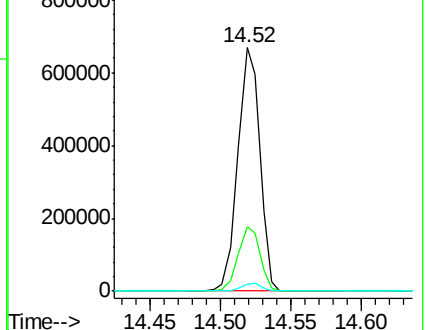
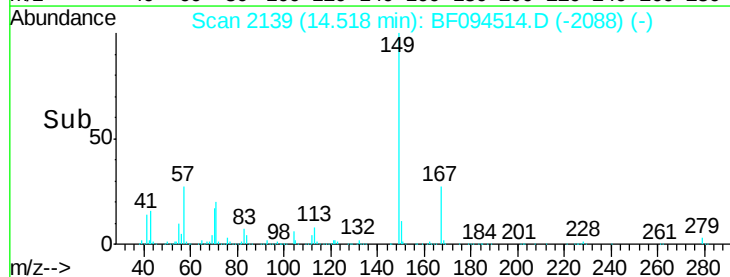
279 3.0 1.9 2.9#

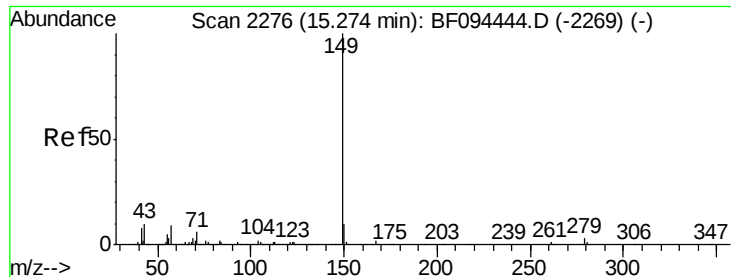


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 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 :

PB98329BS

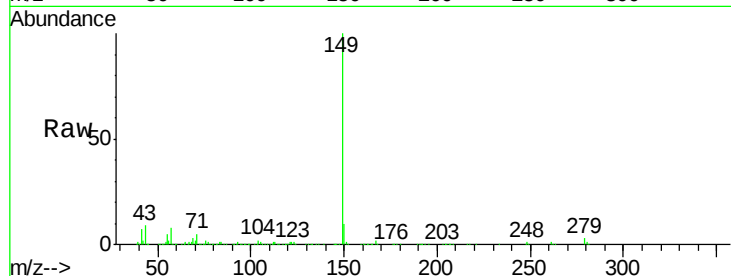
Tgt Ion:149 Resp: 1075101

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

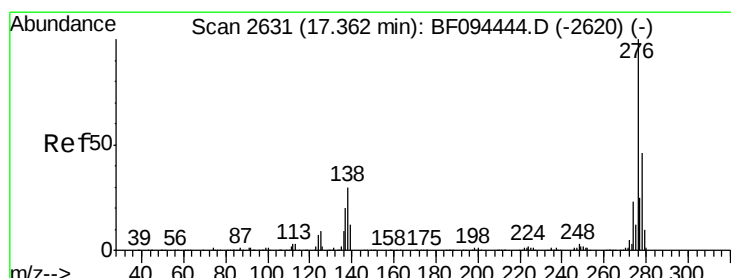
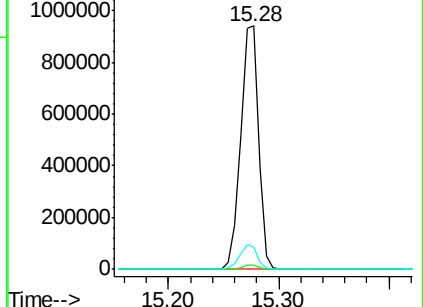
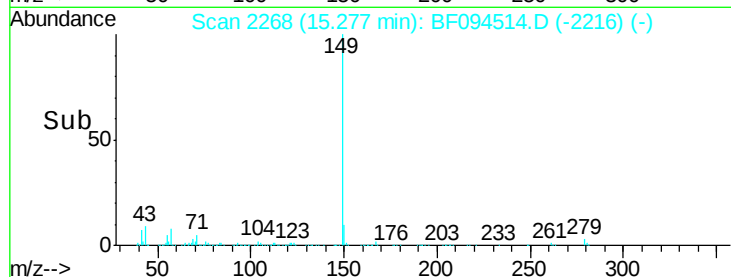
43 9.8 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 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

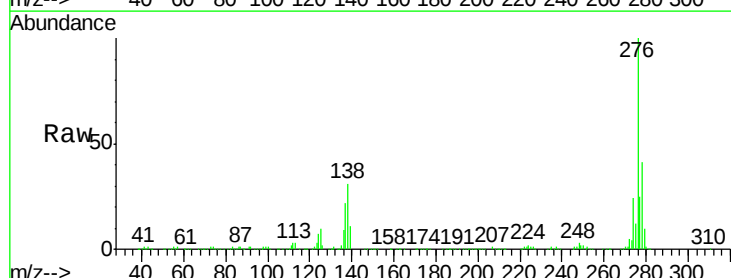
Tgt Ion:276 Resp: 761004

Ion Ratio Lower Upper

276 100

138 34.4 27.8 41.6

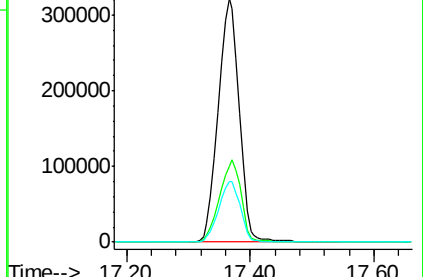
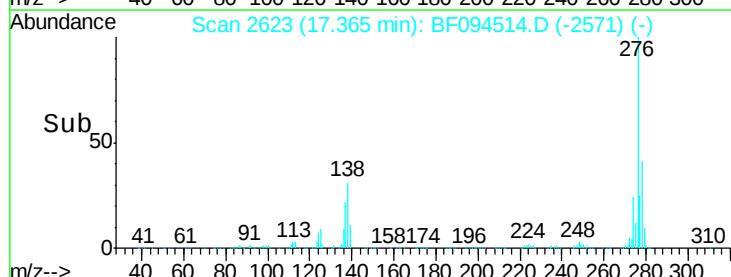
277 25.8 20.2 30.4

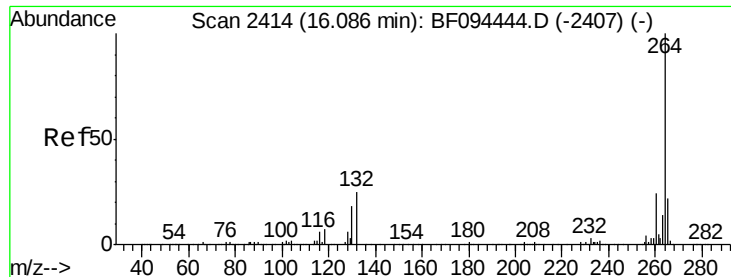


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

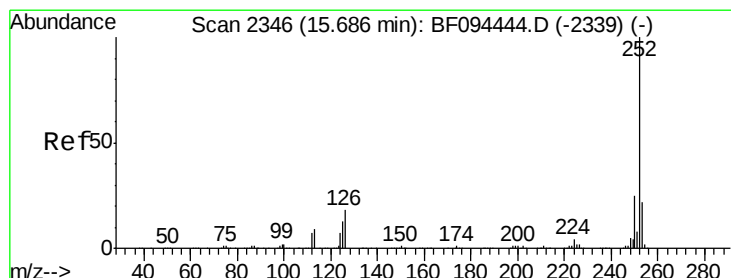
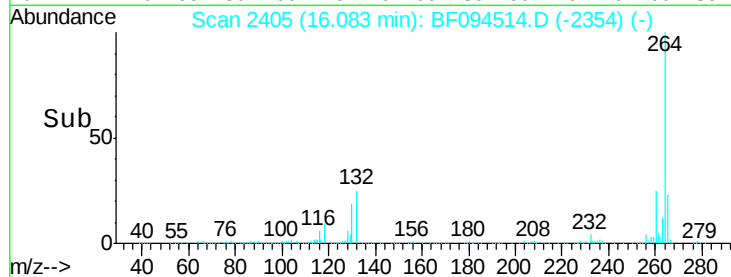
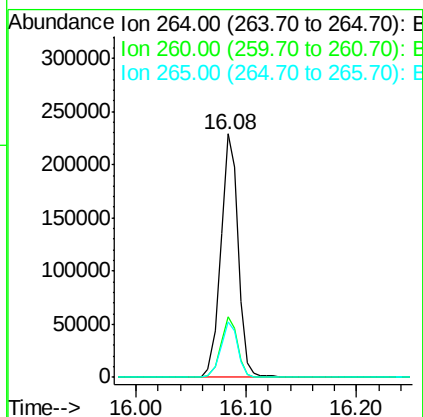
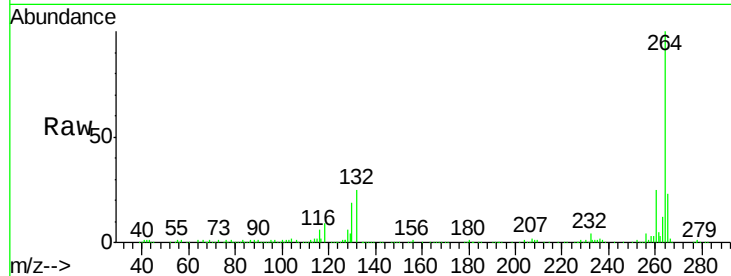




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

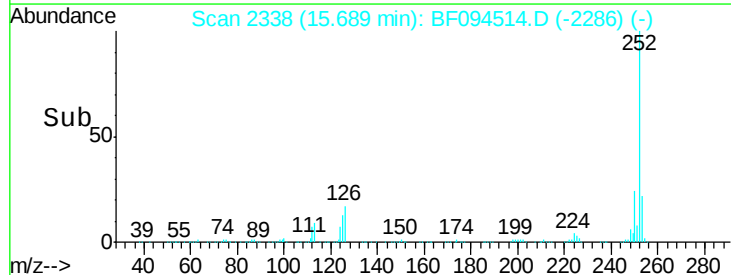
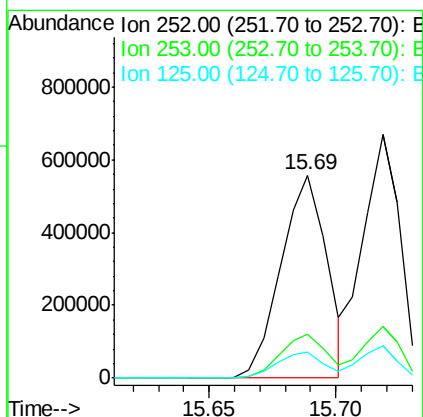
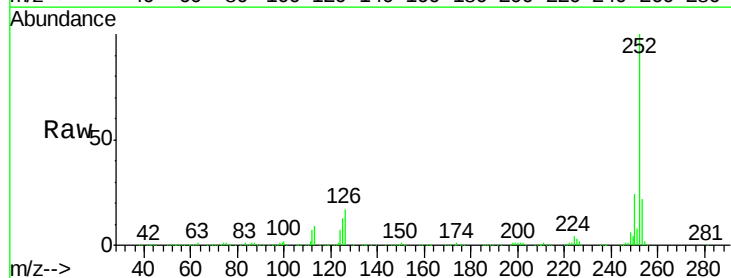
Instrument :
BNA_F
ClientSampleId :
PB98329BS

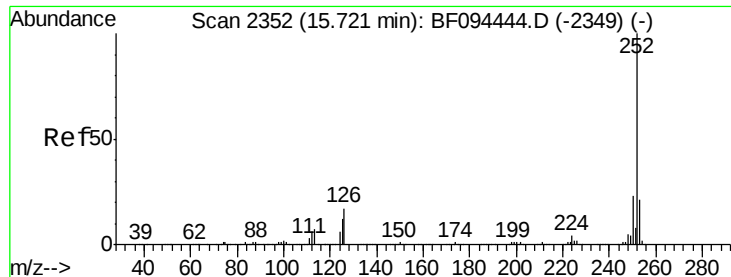
Tgt Ion: 264 Resp: 251467
Ion Ratio Lower Upper
264 100
260 24.8 19.5 29.3
265 22.6 17.2 25.8



#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

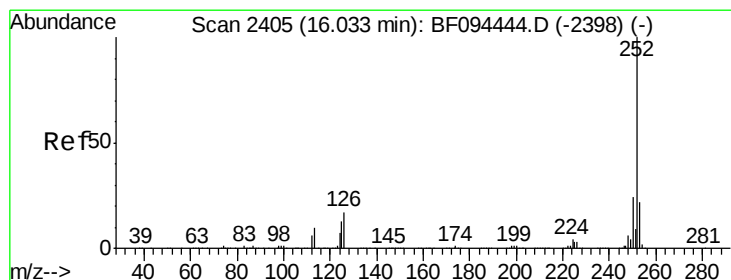
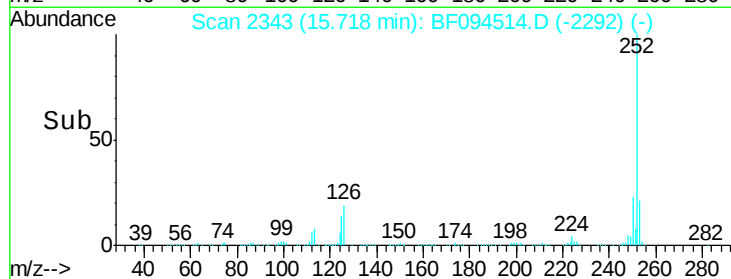
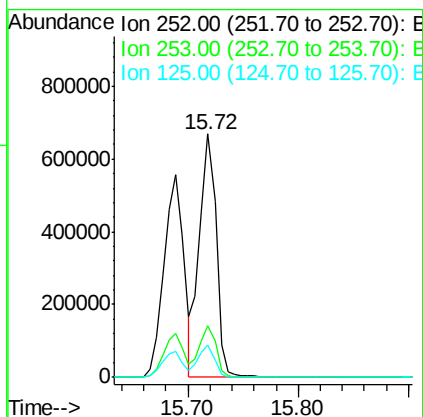
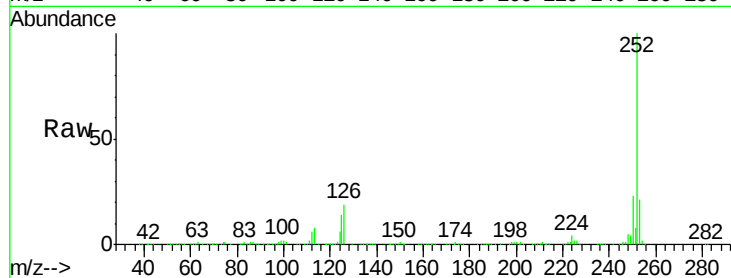




#88
Benzo(k)fluoranthene
Concen: 47.62 ng
RT: 15.72 min Scan# 2343
Delta R.T. -0.00 min
Lab File: BF094514.D
Acq: 19 Apr 2017 14:26

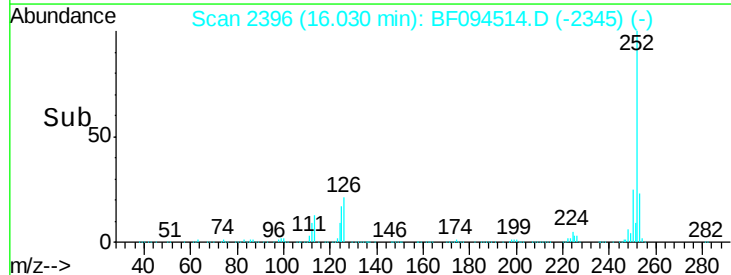
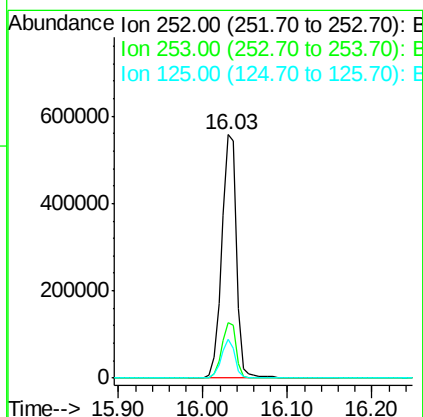
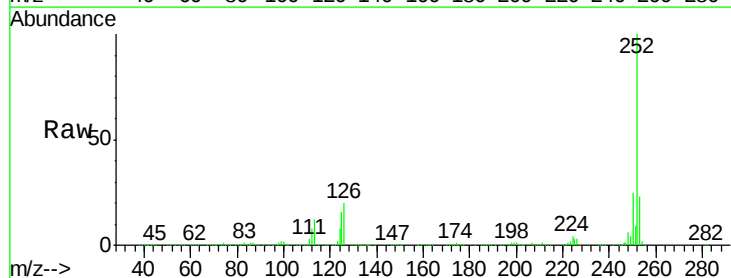
Instrument :
BNA_F
ClientSampleId :
PB98329BS

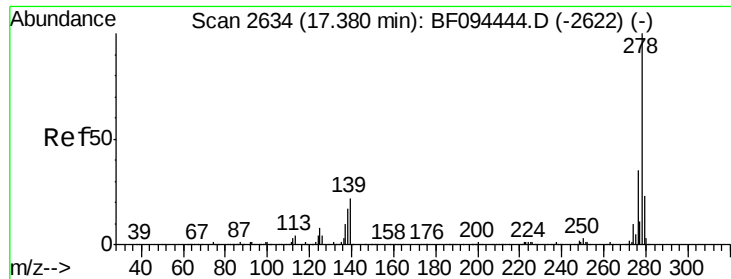
Tgt Ion:252 Resp: 693227
Ion Ratio Lower Upper
252 100
253 21.4 18.4 27.6
125 13.6 13.1 19.7



#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 :

PB98329BS

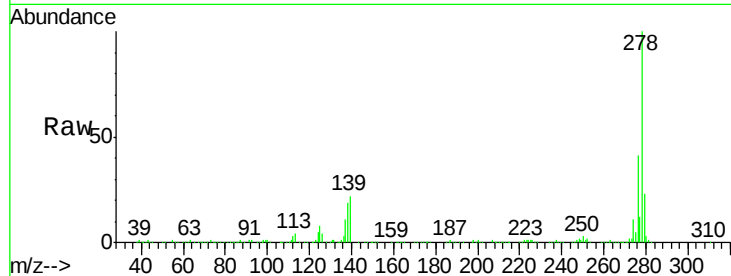
Tgt Ion:278 Resp: 634578

Ion Ratio Lower Upper

278 100

139 22.2 16.6 24.8

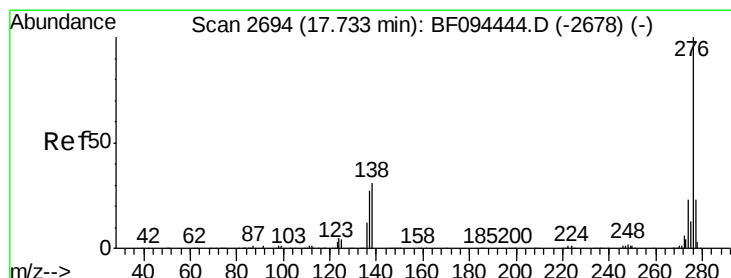
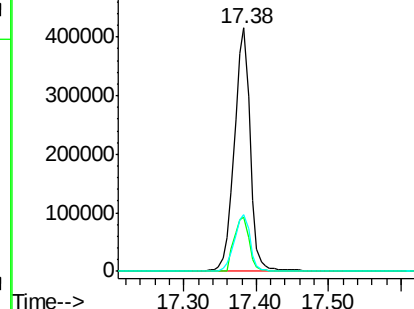
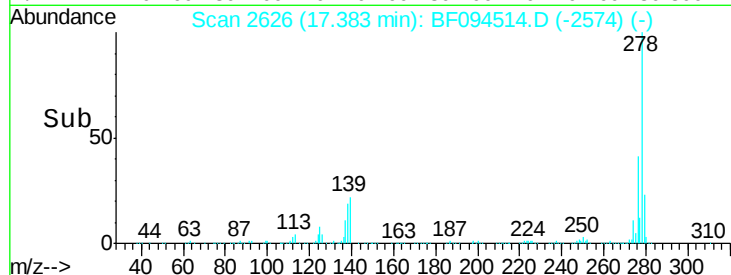
279 23.3 19.3 28.9



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

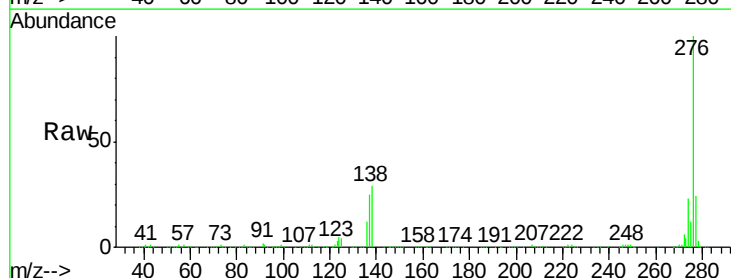
Tgt Ion:276 Resp: 663922

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

