

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
 Data File : BF094934.D
 Acq On : 6 May 2017 00:28
 Operator : SJ/MA
 Sample : I2950-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 06 00:57:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	103377	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	402506	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	202061	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	341779	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	288926	20.00	ng	-0.01
86) Perylene-d12	20.30	264	227414	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	800618	129.12	ng	0.00
7) Phenol-d6	7.27	99	957828	128.74	ng	0.00
23) Nitrobenzene-d5	8.63	82	584077	91.50	ng	0.00
41) 2,4,6-Tribromophenol	13.88	330	222437	134.42	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	1144867	81.55	ng	-0.01
78) Terphenyl-d14	17.30	244	995822	75.91	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.14	88	107723	35.42	ng	92
3) Pyridine	2.82	79	203755	28.91	ng	98
4) n-Nitrosodimethylamine	2.75	42	119268	40.60	ng	82
6) Aniline	7.23	93	217585	23.17	ng	95
8) 2-Chlorophenol	7.41	128	309978	43.92	ng	97
9) Benzaldehyde	7.05	77	52147	11.48	ng	98
10) Phenol	7.29	94	355329	45.32	ng	91
11) bis(2-Chloroethyl)ether	7.36	93	270974	41.87	ng	99
12) 1,3-Dichlorobenzene	7.63	146	324552	40.54	ng	97
13) 1,4-Dichlorobenzene	7.75	146	336834	41.49	ng	97
14) 1,2-Dichlorobenzene	7.98	146	309120	40.79	ng	96
15) Benzyl Alcohol	8.01	79	232544	48.60	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.21	45	363744	39.71	ng	57
17) 2-Methylphenol	8.22	107	249916	43.27	ng	# 88
18) Hexachloroethane	8.51	117	108924	39.60	ng	89
19) n-Nitroso-di-n-propylamine	8.44	70	213819	42.49	ng	94
20) 3+4-Methylphenols	8.48	107	335557	42.76	ng	# 60
22) Acetophenone	8.40	105	428281	44.35	ng	# 84
24) Nitrobenzene	8.65	77	303248	45.33	ng	94
25) Isophorone	9.05	82	548894	48.16	ng	95
26) 2-Nitrophenol	9.16	139	174606	48.36	ng	99
27) 2,4-Dimethylphenol	9.30	122	262629	44.99	ng	97
28) bis(2-Chloroethoxy)methane	9.42	93	353110	44.78	ng	99
29) 2,4-Dichlorophenol	9.58	162	253741	46.04	ng	99
30) 1,2,4-Trichlorobenzene	9.67	180	258641	43.80	ng	98
31) Naphthalene	9.78	128	871163	43.06	ng	100
32) Benzoic acid	9.58	122	87192	25.42	ng	91
33) 4-Chloroaniline	9.94	127	51942	6.89	ng	# 92
34) Hexachlorobutadiene	10.00	225	129266	41.49	ng	98
35) Caprolactam	10.55	113	41166	24.87	ng	93
36) 4-Chloro-3-methylphenol	10.78	107	279176	47.38	ng	91
37) 2-Methylnaphthalene	10.90	142	612379	46.12	ng	99
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	239222	38.50	ng	100
40) Hexachlorocyclopentadiene	11.16	237	203372	78.01	ng	98

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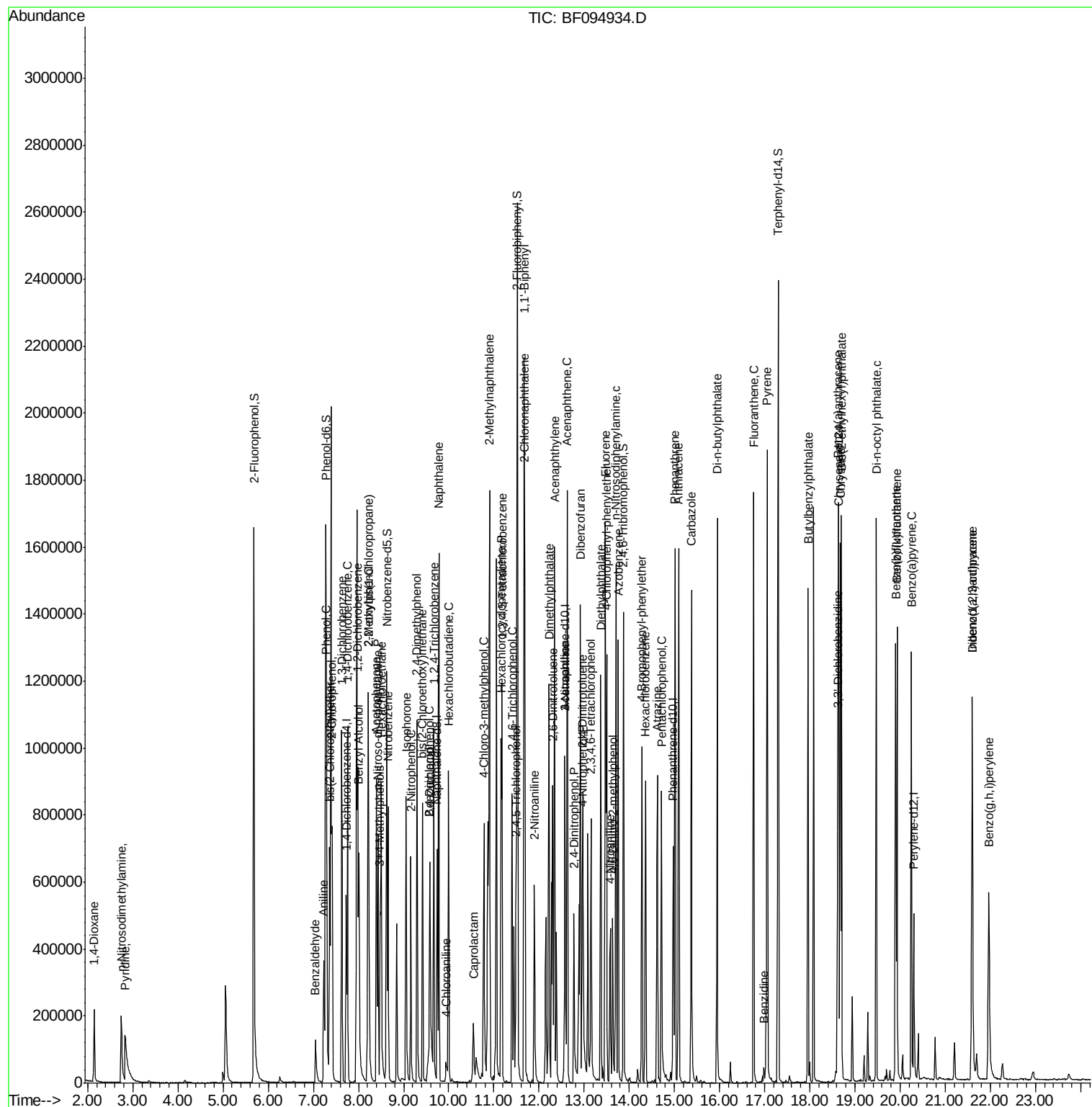
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	170119	41.00	nq	97
43) 2,4,5-Trichlorophenol	11.49	196	181903	40.79	nq	93
45) 1,1'-Biphenyl	11.67	154	691041	40.62	nq	99
46) 2-Chloronaphthalene	11.68	162	548420	39.92	nq	95
47) 2-Nitroaniline	11.89	65	154045	40.97	nq	# 86
48) Acenaphthylene	12.34	152	933372	43.38	nq	100
49) Dimethylphthalate	12.22	163	893980	53.89	nq	100
50) 2,6-Dinitrotoluene	12.31	165	153938	45.49	nq	# 90
51) Acenaphthene	12.63	154	542339	42.20	nq	98
52) 3-Nitroaniline	12.58	138	90533	24.92	nq	91
53) 2,4-Dinitrophenol	12.77	184	124965	68.05	nq	# 70
54) Dibenzofuran	12.91	168	778829	43.79	nq	100
55) 4-Nitrophenol	12.95	139	174287	79.89	nq	# 75
56) 2,4-Dinitrotoluene	12.97	165	193904	44.59	nq	# 89
57) Fluorene	13.47	166	644665	41.69	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	138544	49.37	nq	# 95
59) Diethylphthalate	13.37	149	625905	39.37	nq	99
60) 4-Chlorophenyl-phenylether	13.49	204	284574	41.87	nq	92
61) 4-Nitroaniline	13.58	138	139260	41.76	nq	95
62) Azobenzene	13.75	77	611153	47.84	nq	95
64) 4,6-Dinitro-2-methylphenol	13.64	198	108169	47.21	nq	# 65
65) n-Nitrosodiphenylamine	13.71	169	558163	45.00	nq	100
66) 4-Bromophenyl-phenylether	14.28	248	161469	44.72	nq	97
67) Hexachlorobenzene	14.37	284	164370	44.42	nq	# 91
68) Atrazine	14.62	200	167462	47.81	nq	99
69) Pentachlorophenol	14.71	266	148559	88.14	nq	99
70) Phenanthrene	15.01	178	842694	42.91	nq	98
71) Anthracene	15.09	178	883991	44.07	nq	98
72) Carbazole	15.38	167	851924	46.68	nq	98
73) Di-n-butylphthalate	15.95	149	1003521	44.09	nq	98
74) Fluoranthene	16.75	202	922863	45.81	nq	99
76) Benzidine	16.98	184	35723	10.53	nq	# 94
77) Pyrene	17.05	202	950377	43.98	nq	99
79) Butylbenzylphthalate	17.96	149	423588	42.14	nq	89
80) Benzo(a)anthracene	18.63	228	724382	43.08	nq	99
81) 3,3'-Dichlorobenzidine	18.61	252	136190	23.45	nq	# 96
82) Chrysene	18.68	228	685546	42.16	nq	99
83) Bis(2-ethylhexyl)phthalate	18.70	149	596164	41.63	nq	# 98
84) Di-n-octyl phthalate	19.47	149	1006856	42.88	nq	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	514076	38.93	nq	99
87) Benzo(b)fluoranthene	19.90	252	606718	43.18	nq	99
88) Benzo(k)fluoranthene	19.93	252	598128	44.13	nq	# 94
89) Benzo(a)pyrene	20.25	252	556056	42.88	nq	99
90) Dibenzo(a,h)anthracene	21.60	278	428347	40.00	nq	99
91) Benzo(g,h,i)perylene	21.96	276	449745	42.80	nq	96

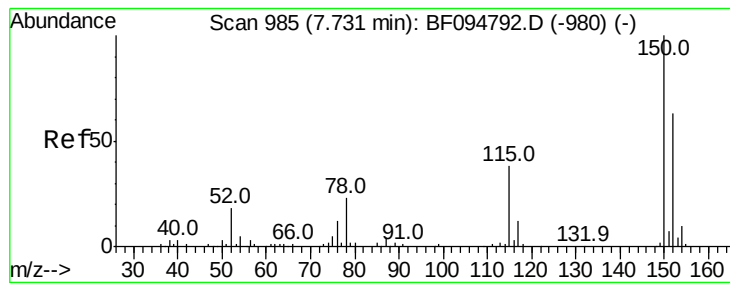
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

ClientSampleId :

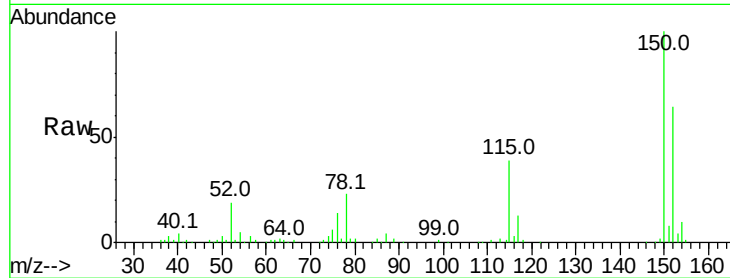
Tot Ion:152 Resp: 103377

Ion Ratio Lower Upper

152 100

150 155.8 126.2 189.2

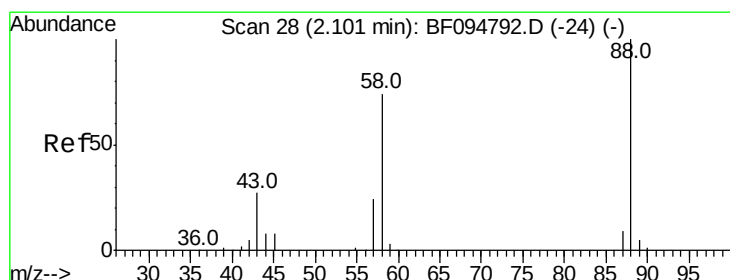
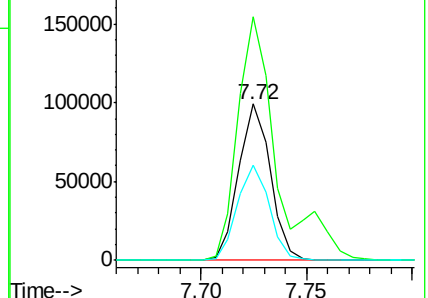
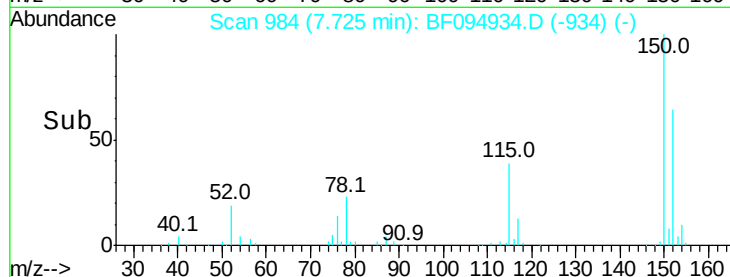
115 60.5 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.42 ng

RT: 2.14 min Scan# 35

Delta R.T. 0.04 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

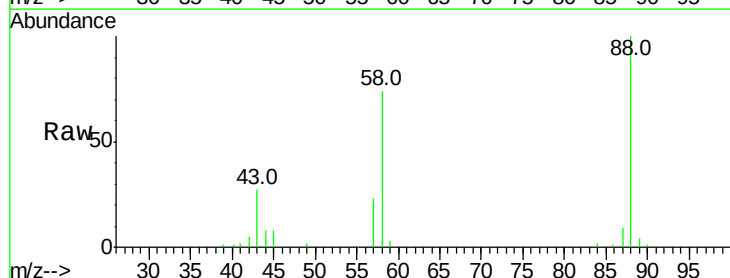
Tgt Ion: 88 Resp: 107723

Ion Ratio Lower Upper

88 100

58 69.5 61.4 92.0

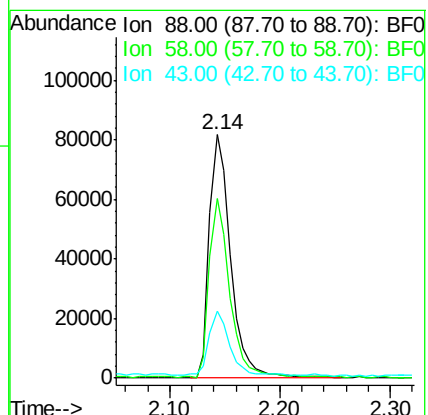
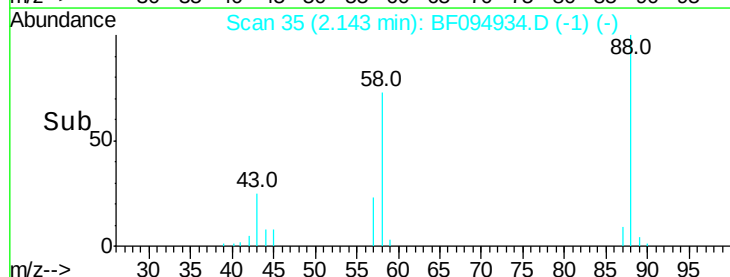
43 25.4 23.4 35.0

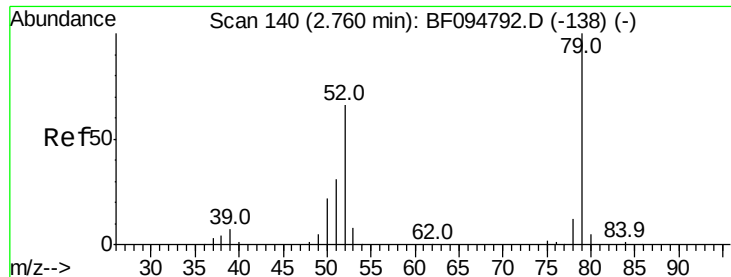


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 28.91 ng

RT: 2.82 min Scan# 151

Delta R.T. 0.06 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

ClientSampled :

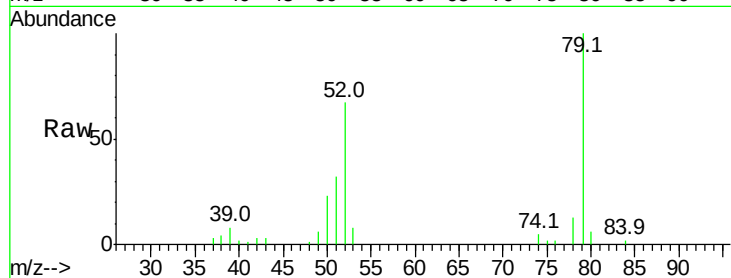
Tot Ion: 79 Resp: 203755

Ion Ratio Lower Upper

79 100

52 67.2 54.8 82.2

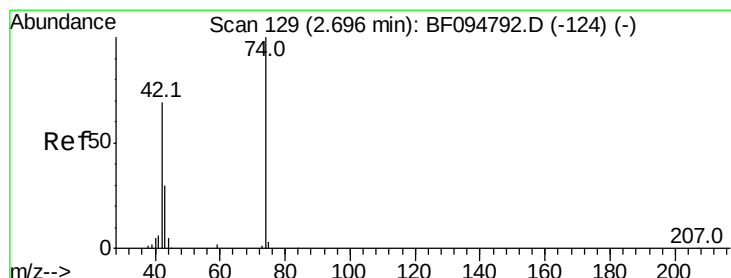
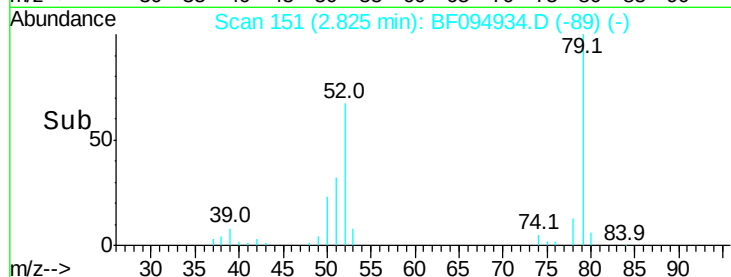
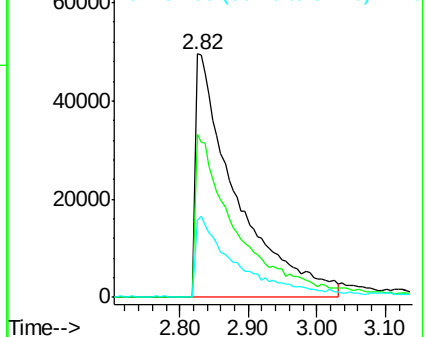
51 31.7 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.60 ng

RT: 2.75 min Scan# 138

Delta R.T. 0.05 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

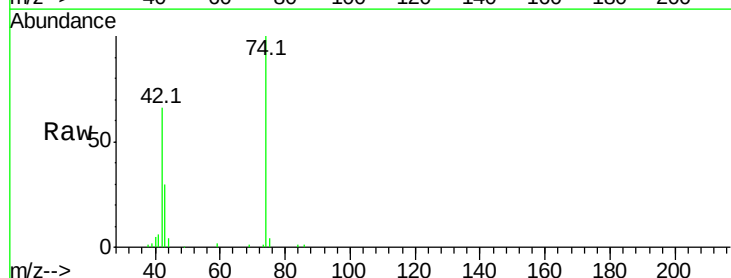
Tgt Ion: 42 Resp: 119268

Ion Ratio Lower Upper

42 100

74 152.0 103.9 155.9

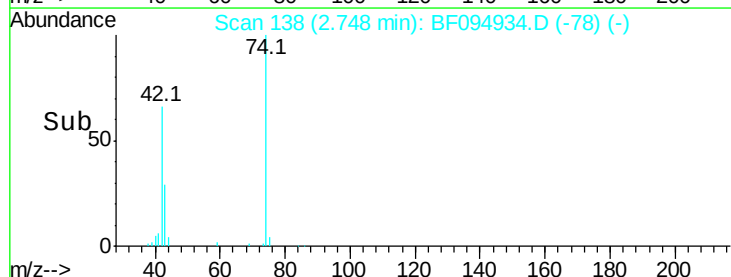
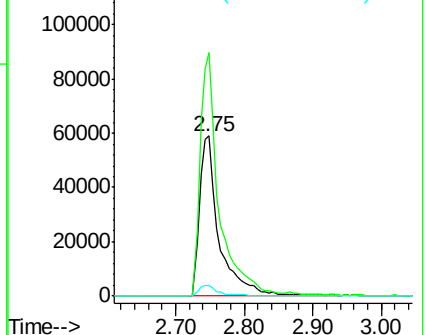
44 6.6 5.7 8.5

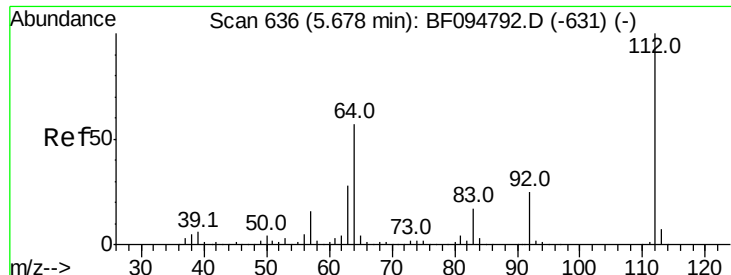


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 129.12 ng

RT: 5.68 min Scan# 637

Delta R.T. 0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

ClientSampled :

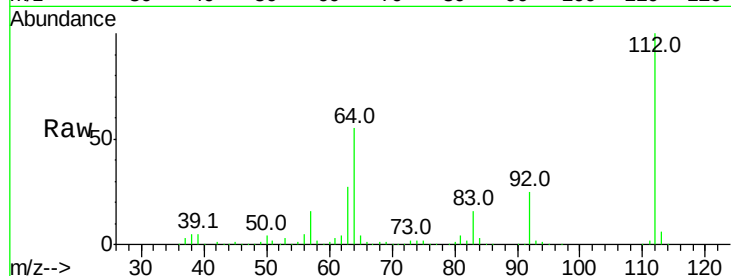
Tot Ion:112 Resp: 800618

Ion Ratio Lower Upper

112 100

64 54.7 46.0 69.0

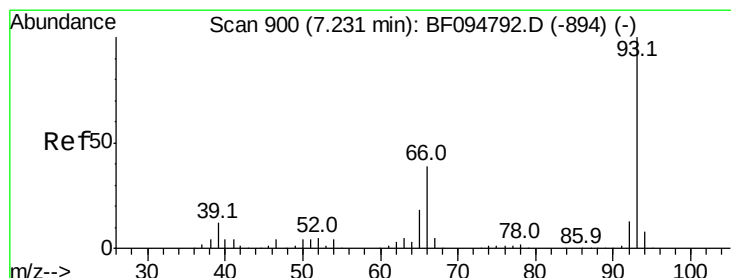
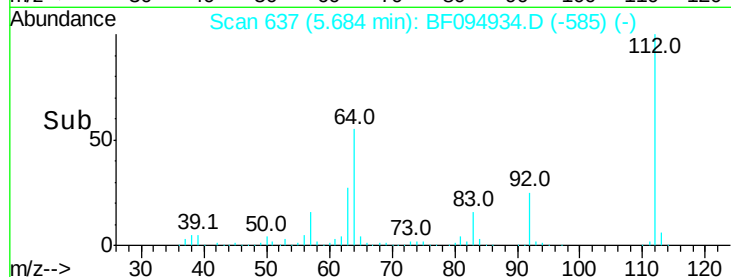
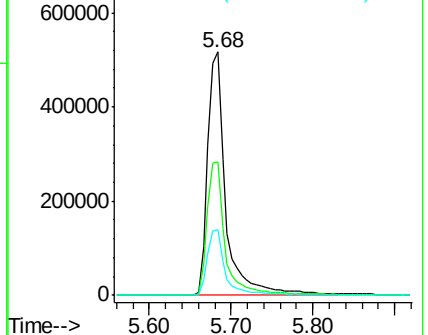
63 27.0 23.4 35.0



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: 23.17 ng

RT: 7.23 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

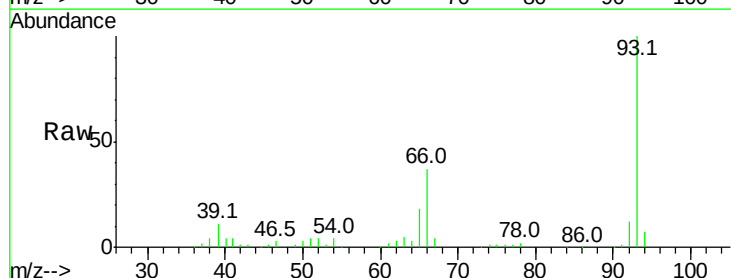
Tgt Ion: 93 Resp: 217585

Ion Ratio Lower Upper

93 100

66 37.1 32.9 49.3

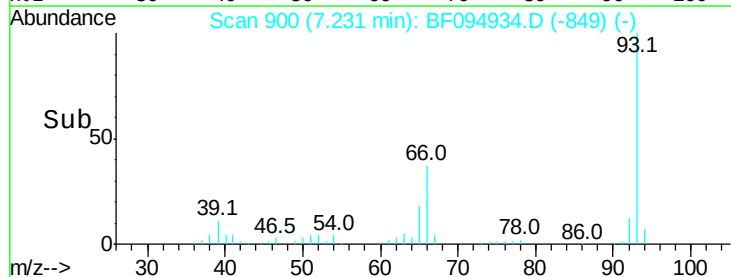
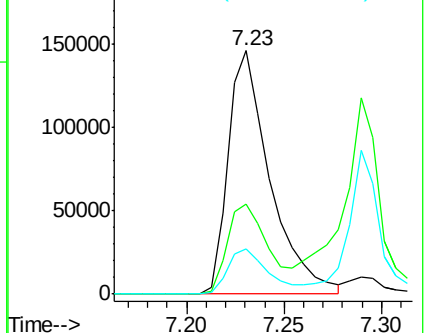
65 18.4 16.0 24.0

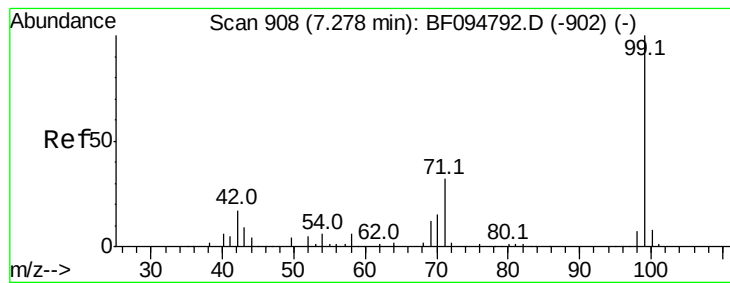


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.74 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF094934.D

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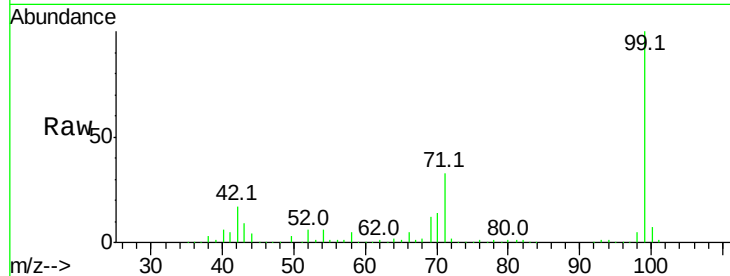
Tot Ion: 99 Resp: 957828

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

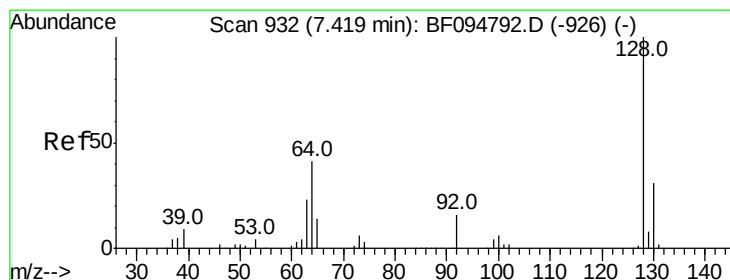
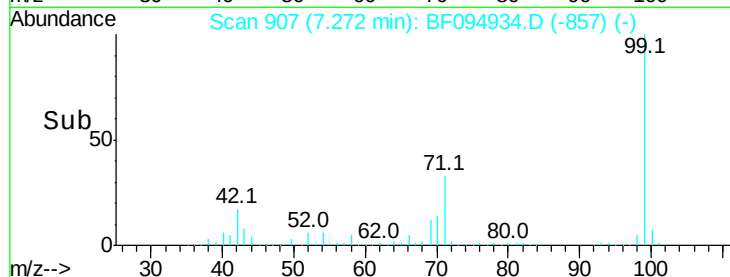
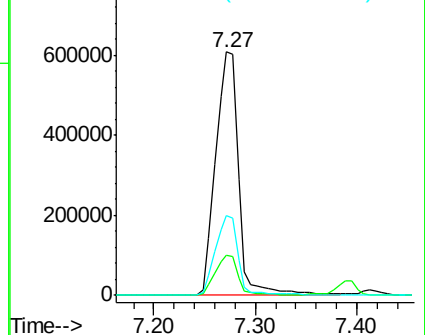
71 32.8 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.92 ng

RT: 7.41 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

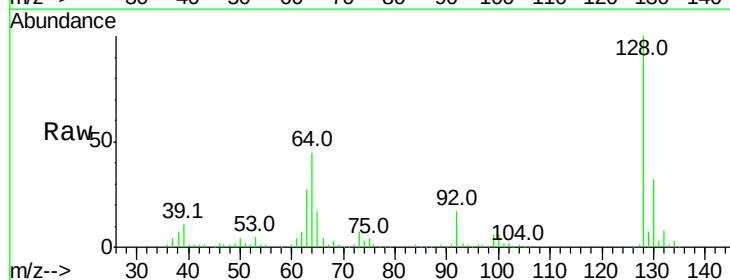
Tgt Ion:128 Resp: 309978

Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

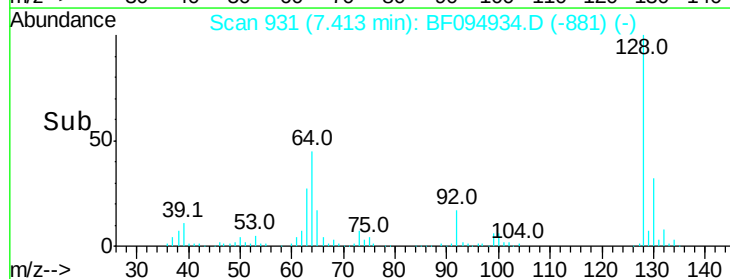
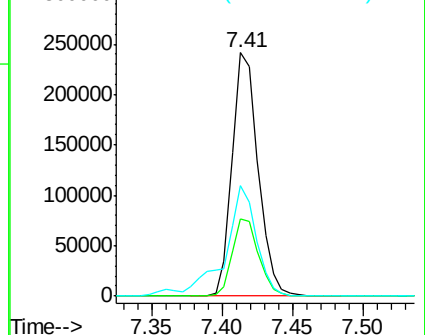
64 45.5 28.4 68.4

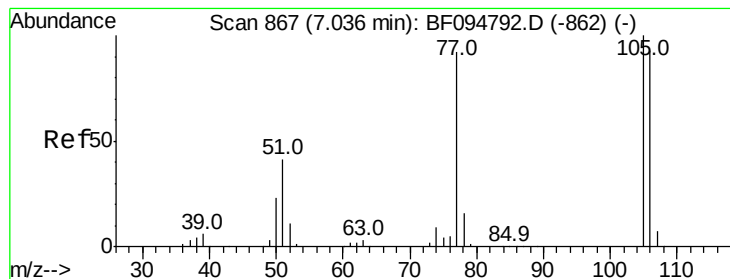


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.48 ng

RT: 7.05 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

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ClientSampleId :

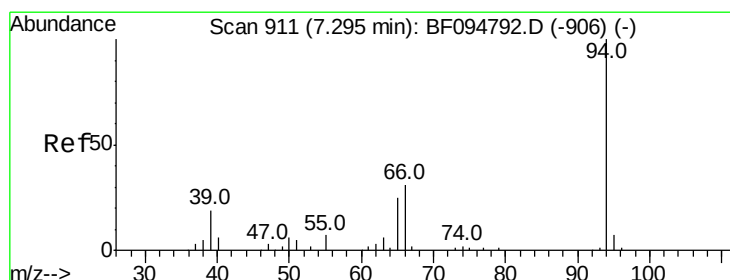
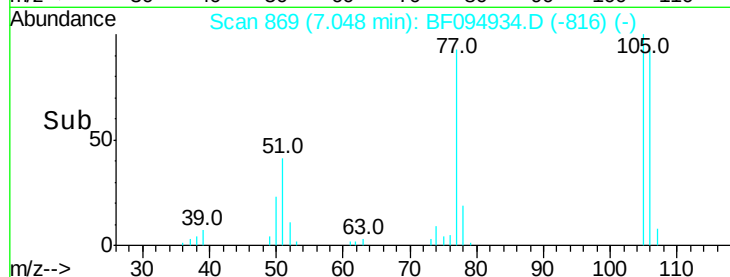
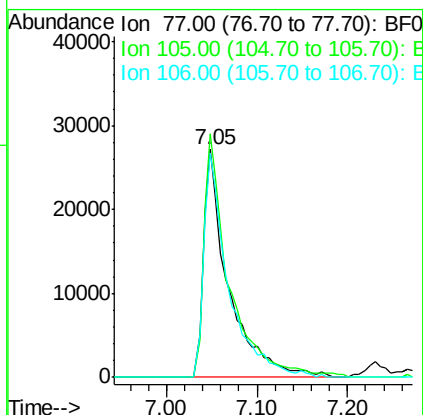
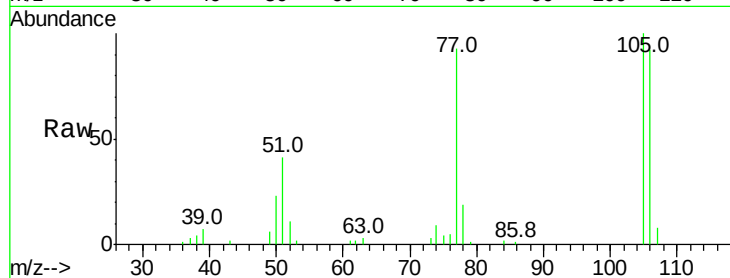
Tot Ion: 77 Resp: 52147

Ion Ratio Lower Upper

77 100

105 107.0 83.8 123.8

106 98.5 79.1 119.1



#10

Phenol

Concen: 45.32 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

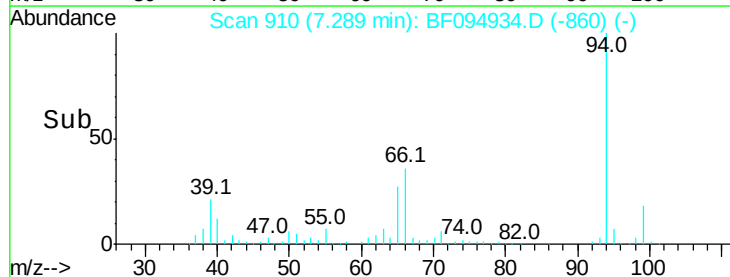
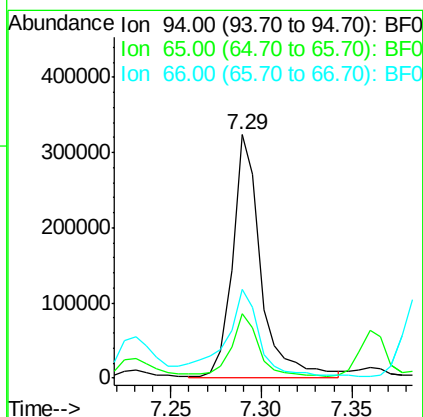
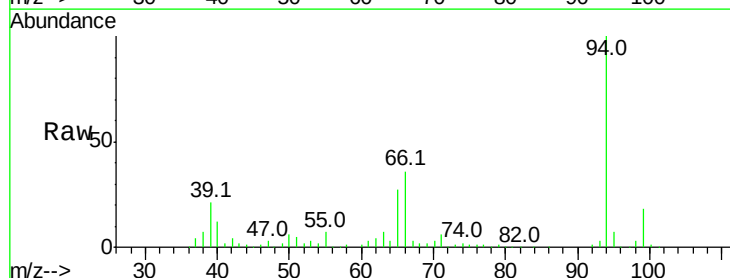
Tgt Ion: 94 Resp: 355329

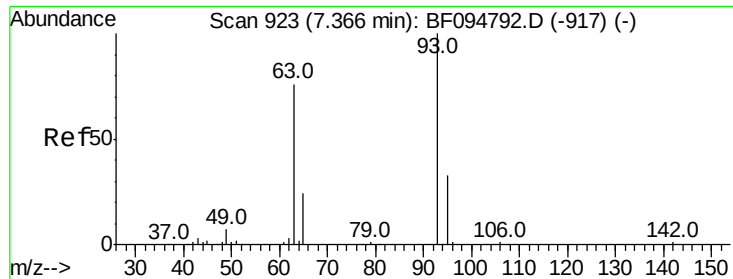
Ion Ratio Lower Upper

94 100

65 26.7 9.9 49.9

66 36.3 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 41.87 ng

RT: 7.36 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

ClientSampleId :

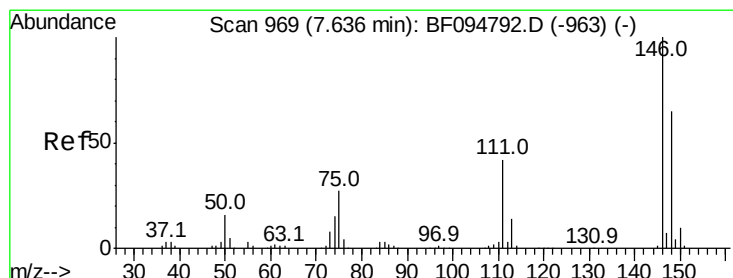
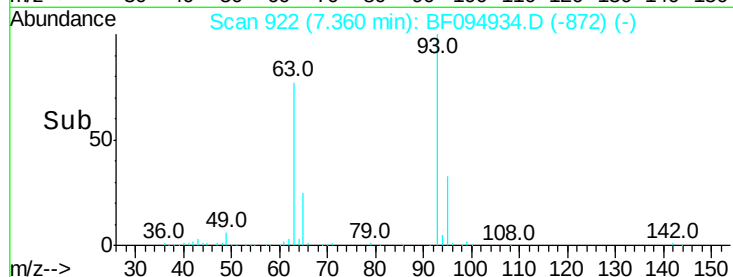
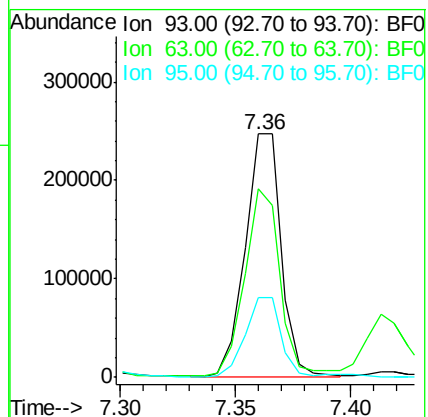
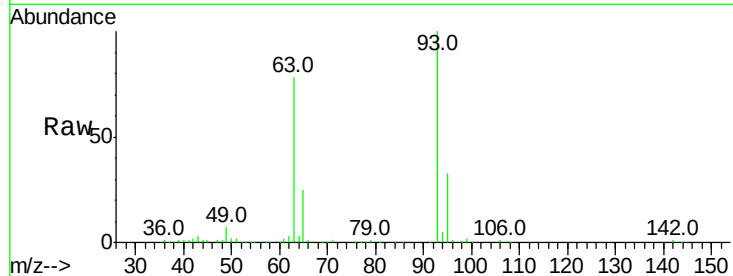
Tot Ion: 93 Resp: 270974

Ion Ratio Lower Upper

93 100

63 77.6 59.2 99.2

95 32.7 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.54 ng

RT: 7.63 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

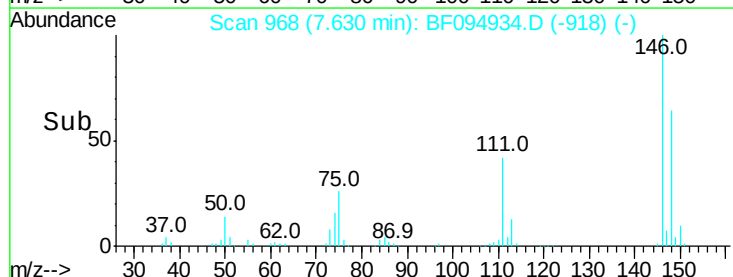
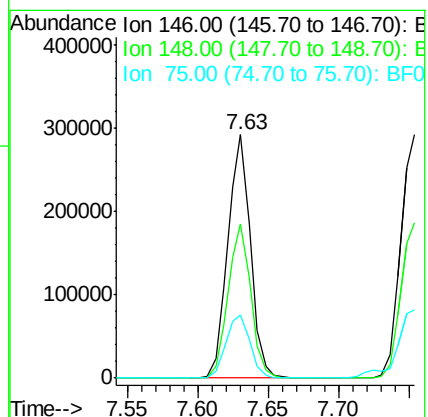
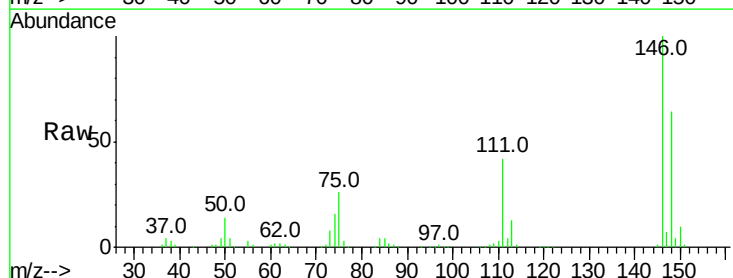
Tgt Ion: 146 Resp: 324552

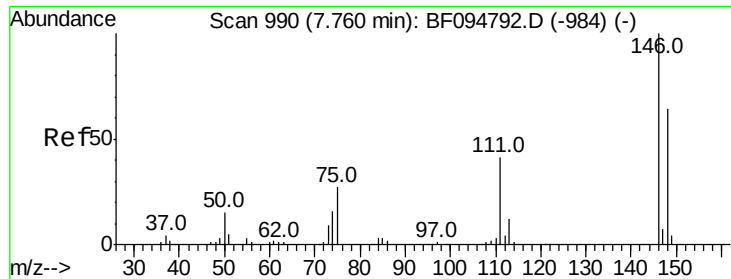
Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.6

75 26.0 23.1 34.7

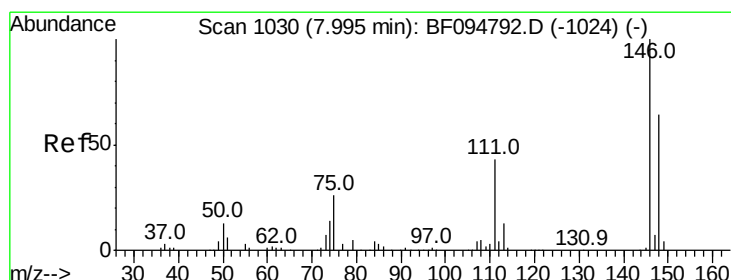
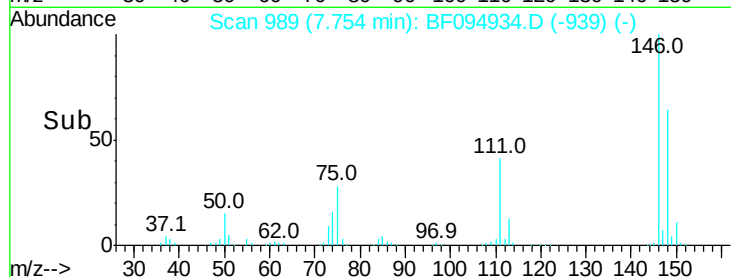
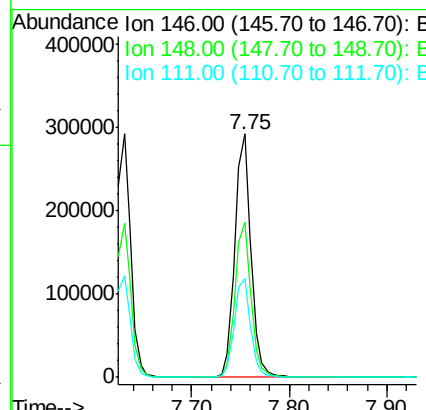
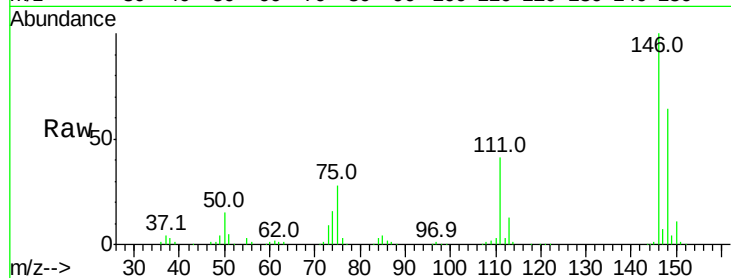




#13
 1,4-Dichlorobenzene
 Concen: 41.49 ng
 RT: 7.75 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

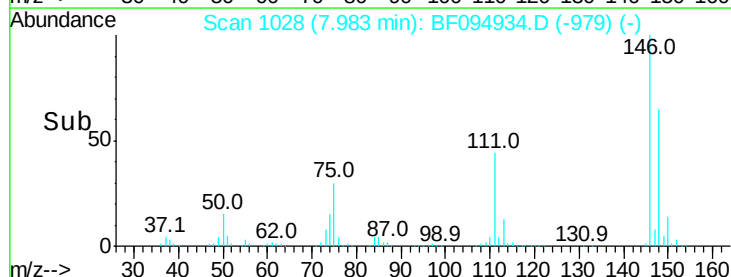
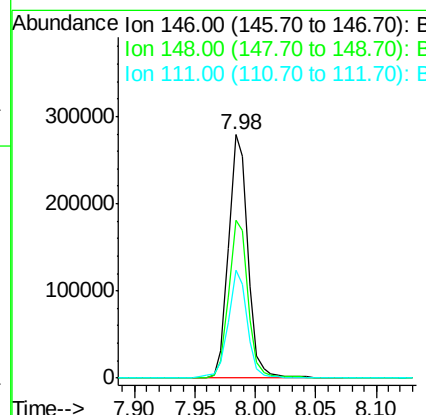
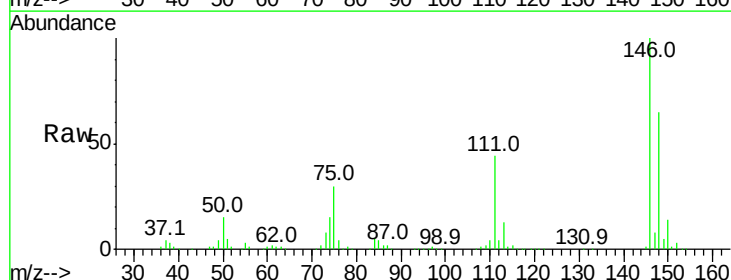
Instrument :
 BNA_F
 ClientSampleId :

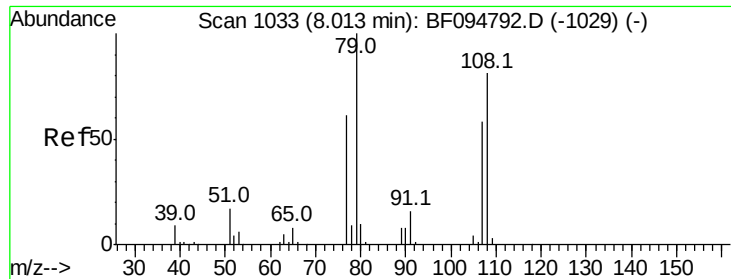
Tot Ion:146 Resp: 336834
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.2 78.2
 111 40.7 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 40.79 ng
 RT: 7.98 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Tgt Ion:146 Resp: 309120
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.4 75.6
 111 44.1 38.2 57.4

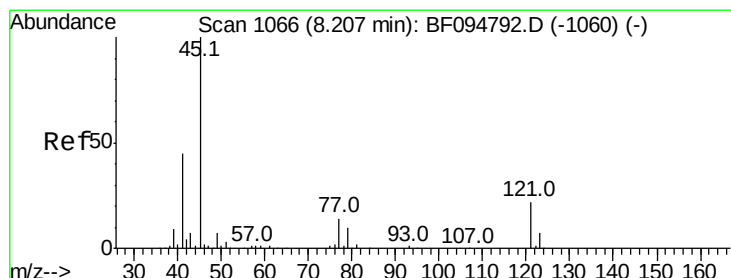
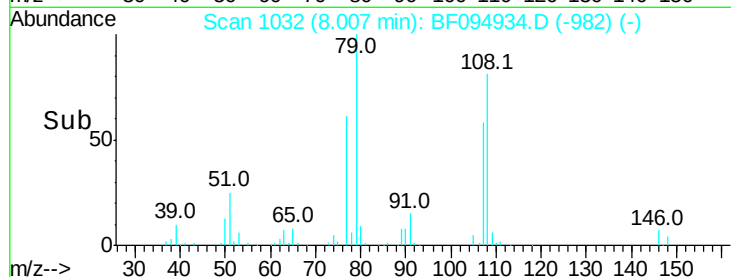
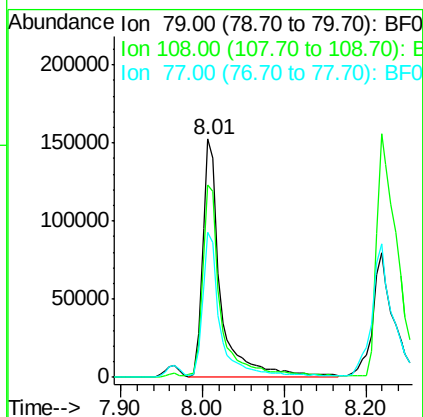
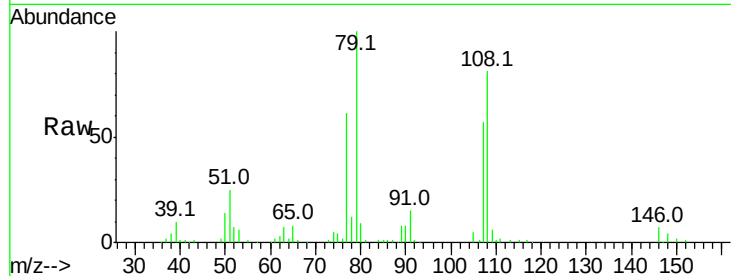




#15
Benzyl Alcohol
Concen: 48.60 ng
RT: 8.01 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

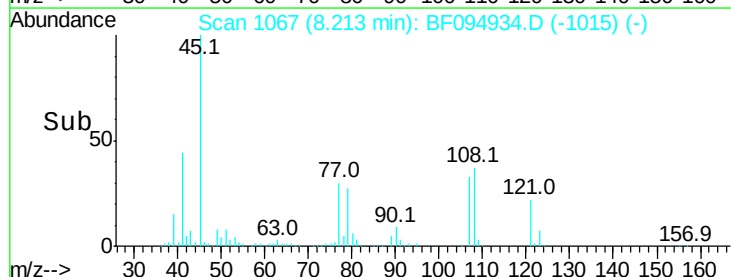
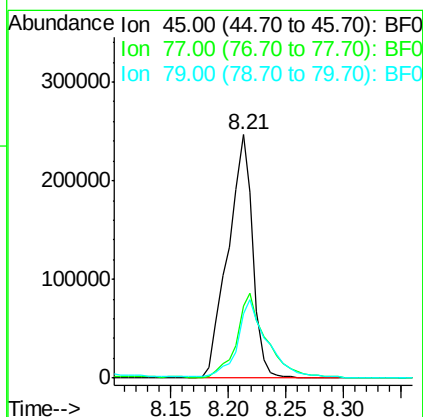
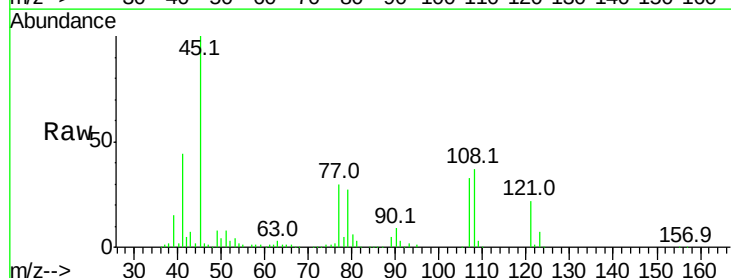
Instrument :
BNA_F
ClientSampleId :

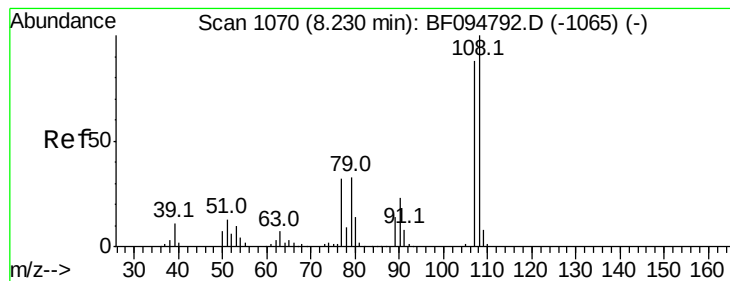
Tot Ion: 79 Resp: 232544
Ion Ratio Lower Upper
79 100
108 80.6 63.4 95.0
77 61.0 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.71 ng
RT: 8.21 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Tgt Ion: 45 Resp: 363744
Ion Ratio Lower Upper
45 100
77 29.6 0.0 33.2
79 26.7 0.0 30.0





#17

2-Methylphenol

Concen: 43.27 ng

RT: 8.22 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 249916

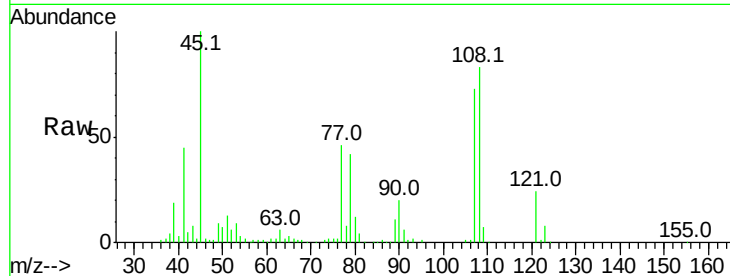
Ion Ratio Lower Upper

107 100

108 113.9 93.4 140.0

77 62.6 35.8 53.6#

79 58.4 34.8 52.2#

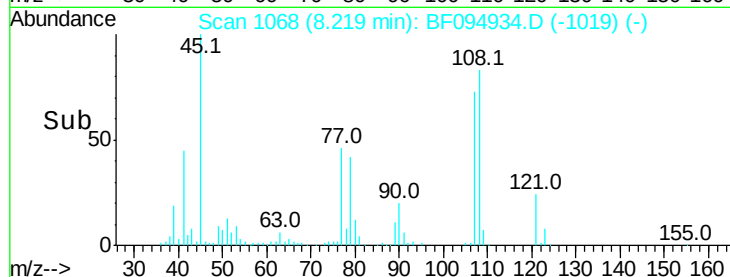


Abundance Ion 107.00 (106.70 to 107.70): E

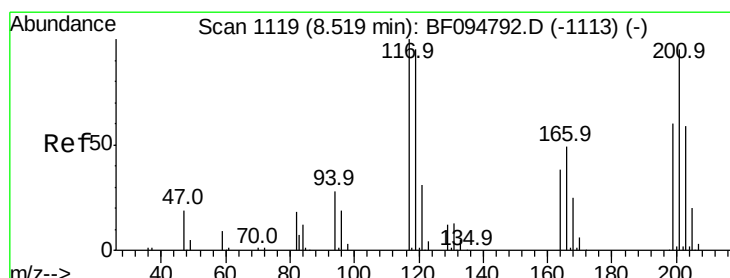
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 39.60 ng

RT: 8.51 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

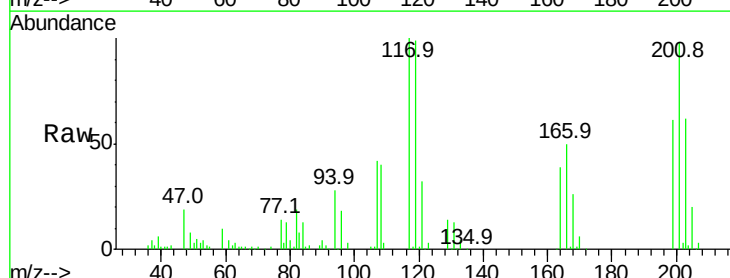
Tgt Ion:117 Resp: 108924

Ion Ratio Lower Upper

117 100

119 98.6 77.4 116.0

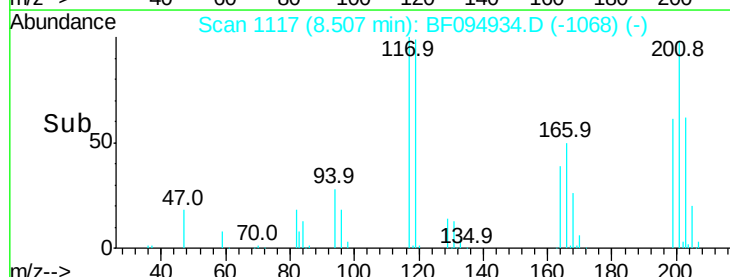
201 97.9 94.6 141.8



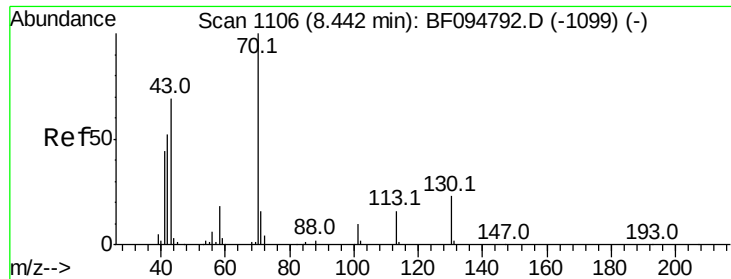
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



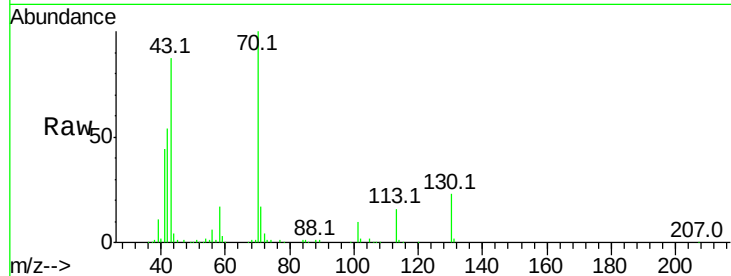
Time-->



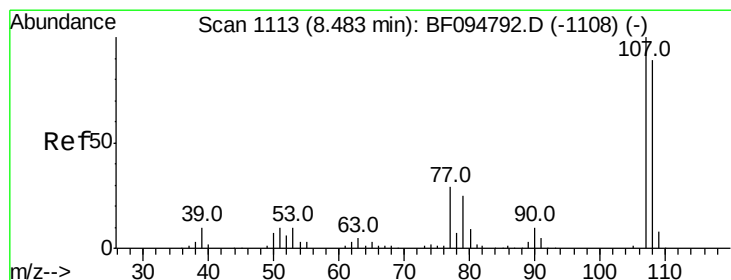
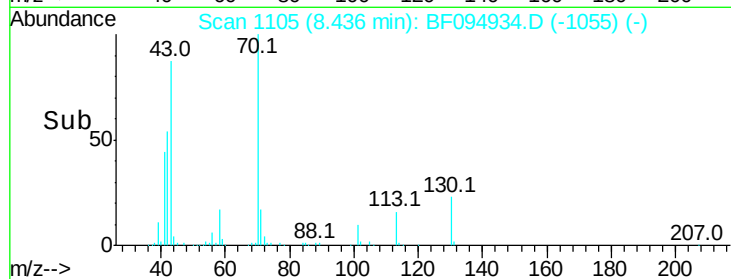
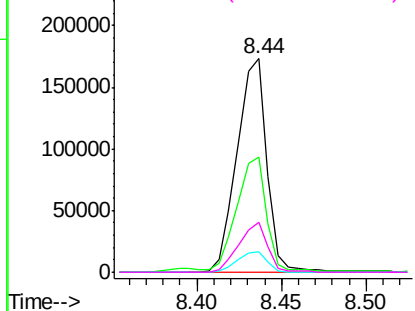
#19
n-Nitroso-di-n-propylamine
Concen: 42.49 ng
RT: 8.44 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 213819
Ion Ratio Lower Upper
70 100
42 54.2 47.2 70.8
101 9.8 7.2 10.8
130 23.4 15.9 23.9

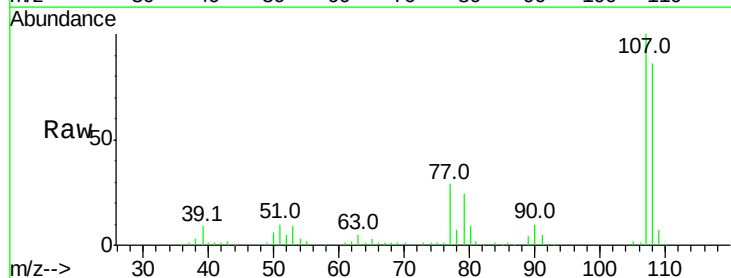


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

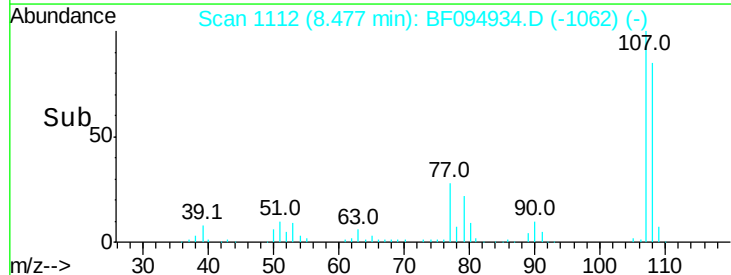
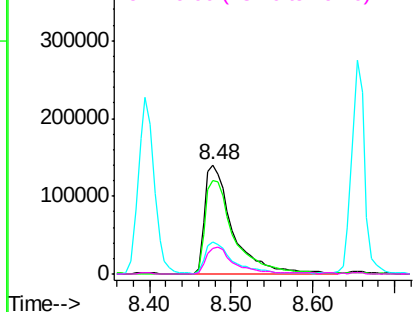


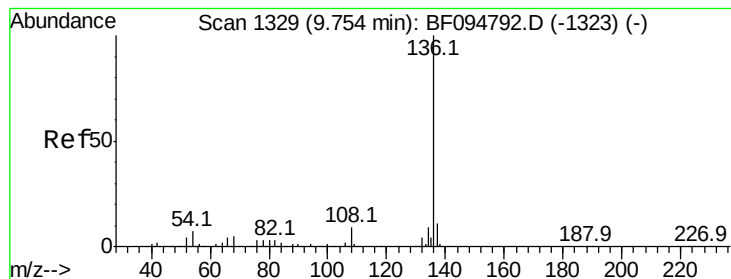
#20
3+4-Methylphenols
Concen: 42.76 ng
RT: 8.48 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Tgt Ion:107 Resp: 335557
Ion Ratio Lower Upper
107 100
108 85.6 71.0 111.0
77 28.9 90.5 130.5#
79 23.9 8.4 48.4



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 402506

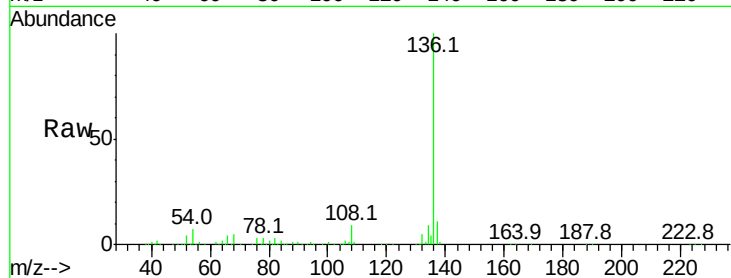
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.7 4.9 7.3

68 5.2 4.1 6.1



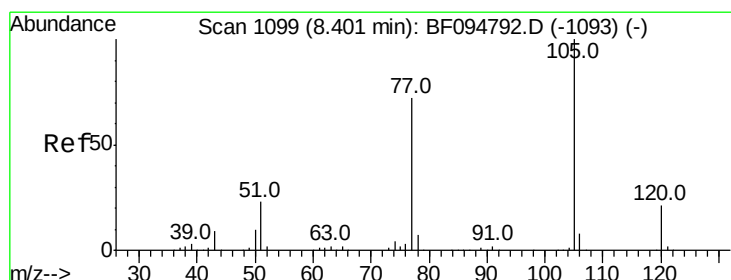
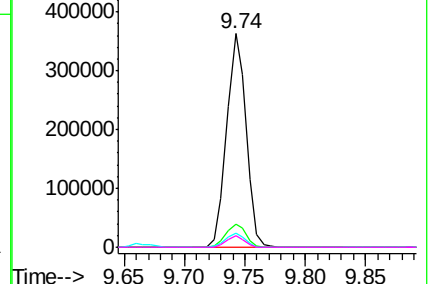
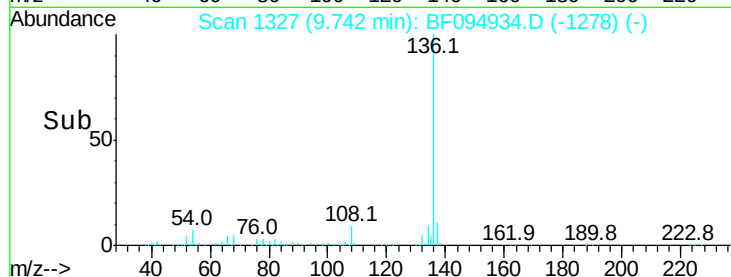
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.35 ng

RT: 8.40 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Tgt Ion:105 Resp: 428281

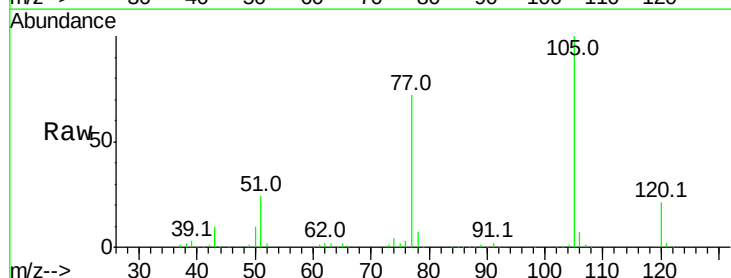
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.7 30.7 46.1#

120 21.0 17.4 26.0



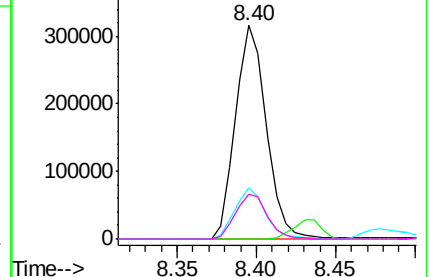
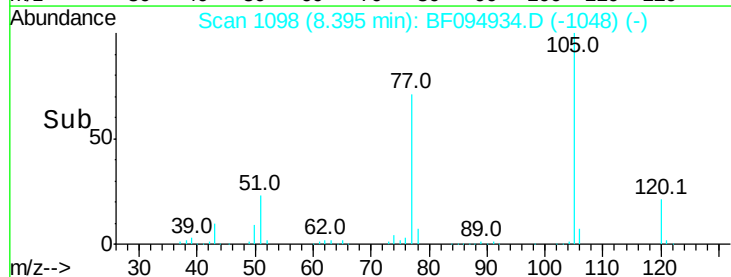
Abundance

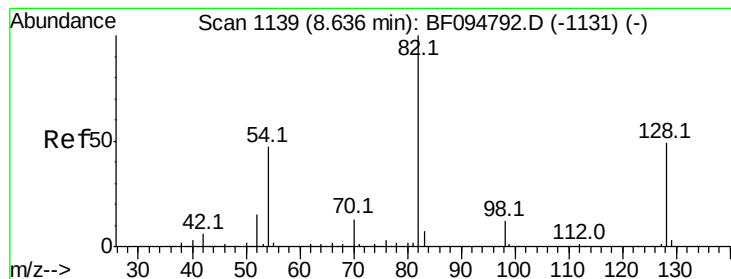
Ion 105.00 (104.70 to 105.70): E

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: 91.50 ng

RT: 8.63 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

ClientSampled :

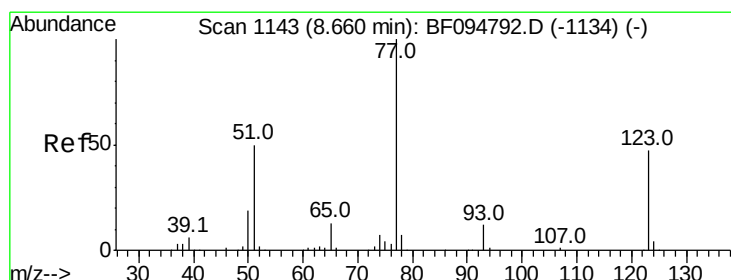
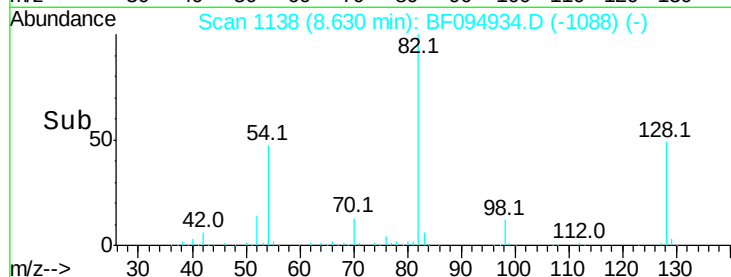
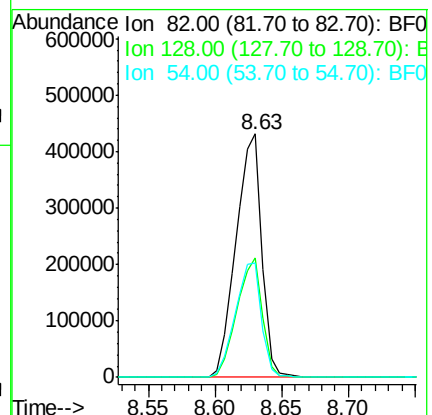
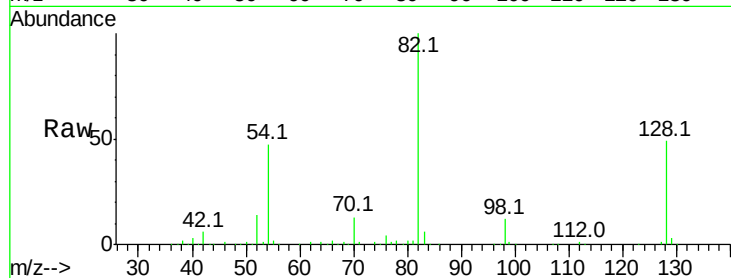
Tot Ion: 82 Resp: 584077

Ion Ratio Lower Upper

82 100

128 48.8 34.0 51.0

54 46.9 42.2 63.2



#24

Nitrobenzene

Concen: 45.33 ng

RT: 8.65 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

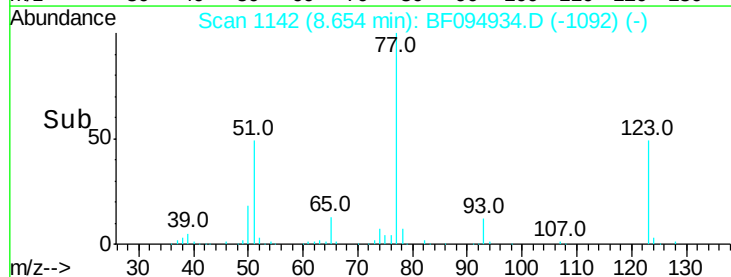
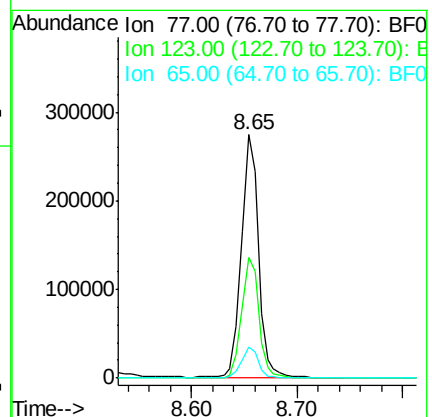
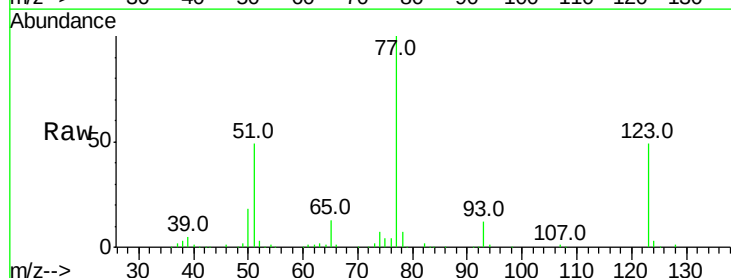
Tgt Ion: 77 Resp: 303248

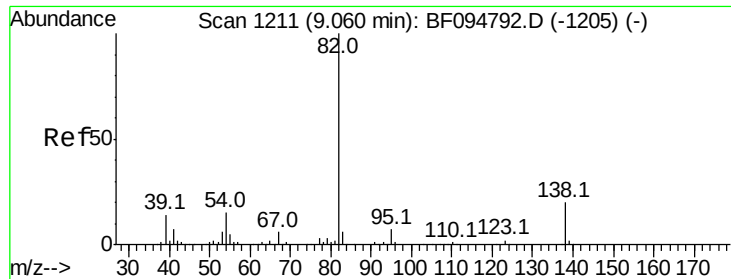
Ion Ratio Lower Upper

77 100

123 49.4 35.8 53.8

65 12.6 10.6 15.8

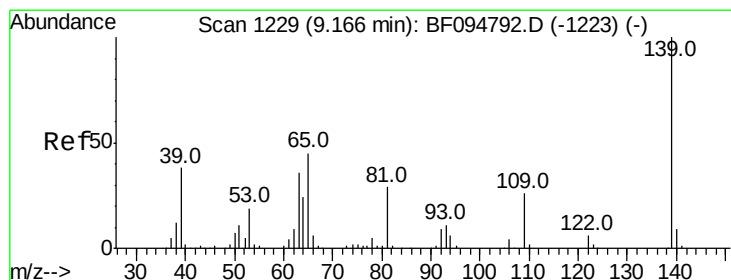
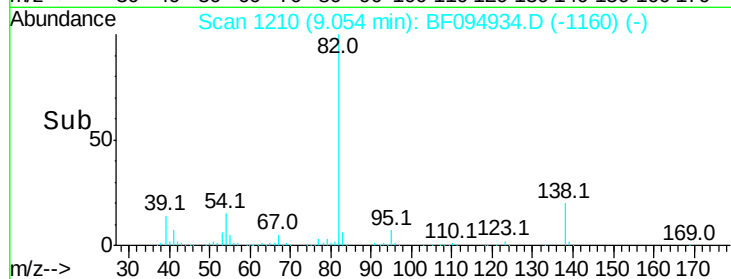
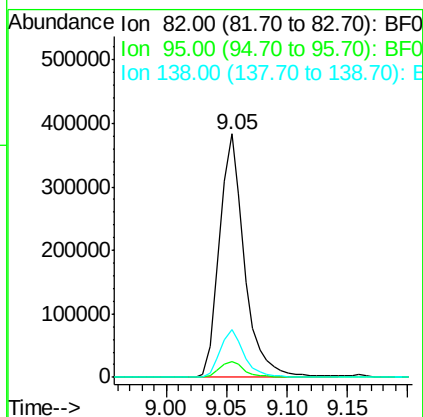
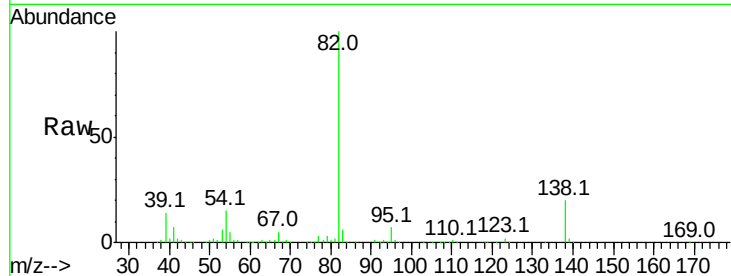




#25
Isophorone
Concen: 48.16 ng
RT: 9.05 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

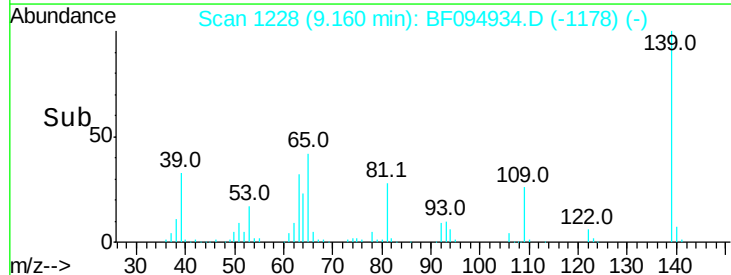
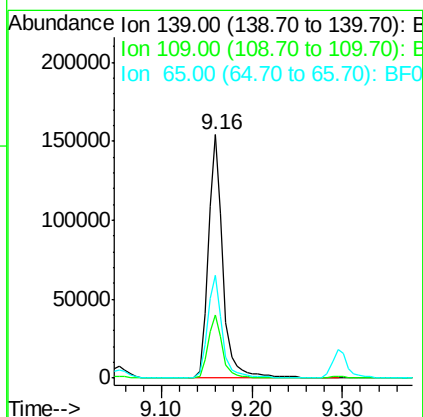
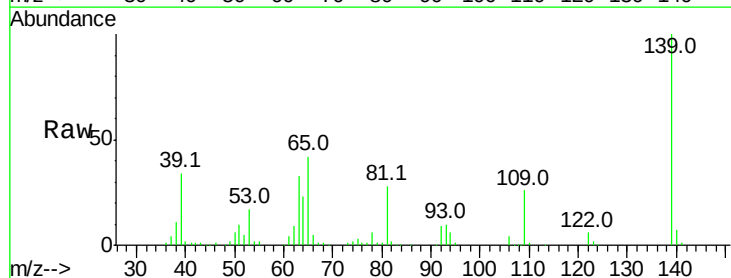
Instrument :
BNA_F
ClientSampleId :

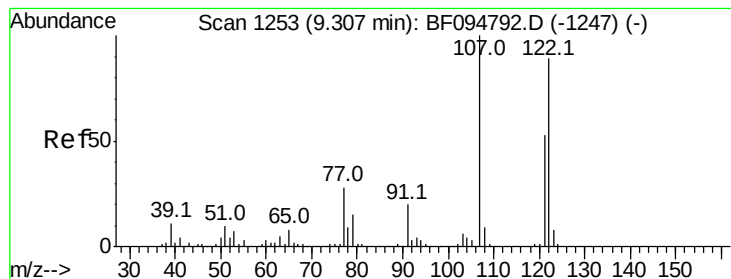
Tot Ion: 82 Resp: 548894
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 19.6 13.1 19.7



#26
2-Nitrophenol
Concen: 48.36 ng
RT: 9.16 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Tgt Ion: 139 Resp: 174606
Ion Ratio Lower Upper
139 100
109 26.0 21.0 31.6
65 42.4 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 44.99 ng

RT: 9.30 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

ClientSampleId :

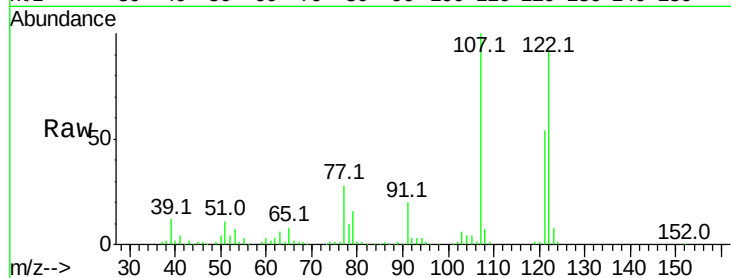
Tot Ion:122 Resp: 262629

Ion Ratio Lower Upper

122 100

107 109.0 89.2 133.8

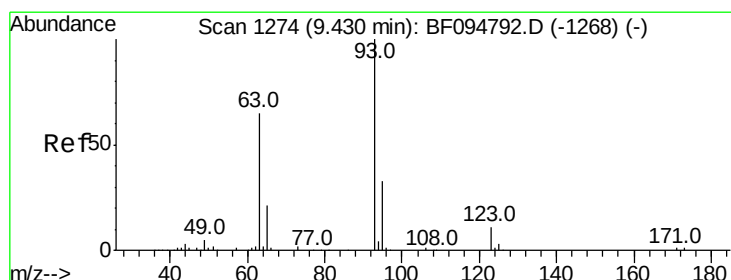
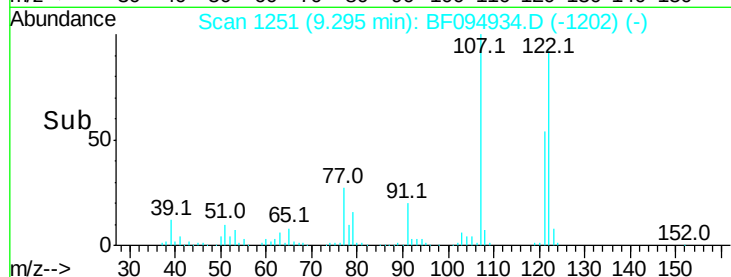
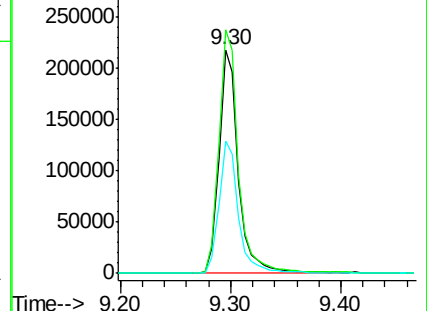
121 59.1 45.2 67.8



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: 44.78 ng

RT: 9.42 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

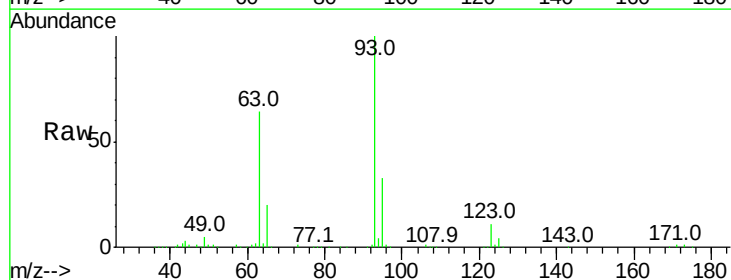
Tgt Ion: 93 Resp: 353110

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

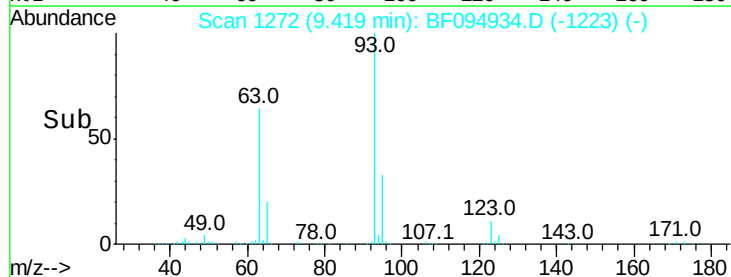
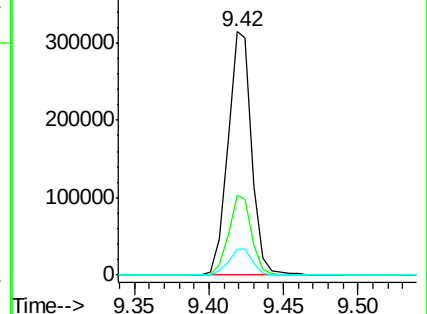
123 10.8 9.0 13.4

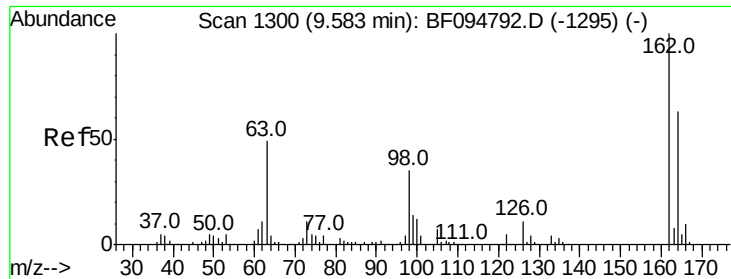


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

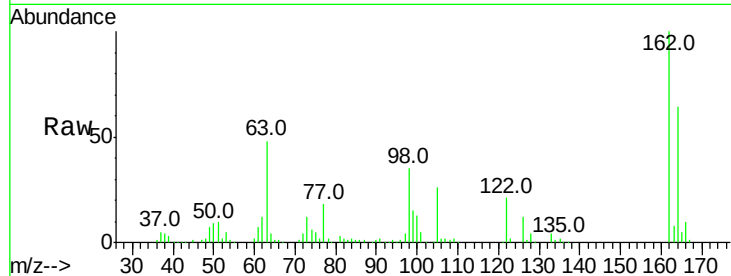




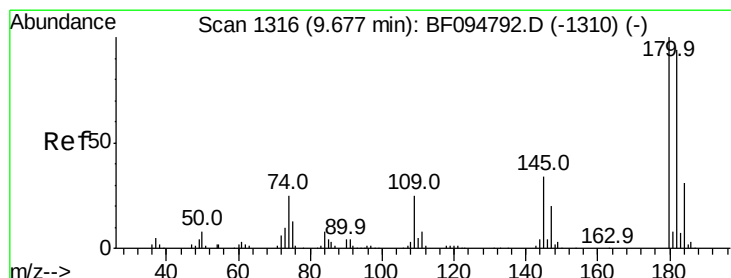
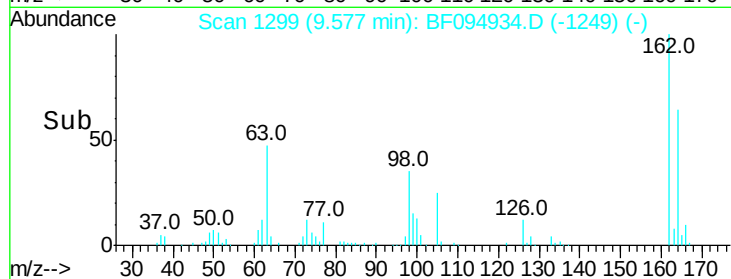
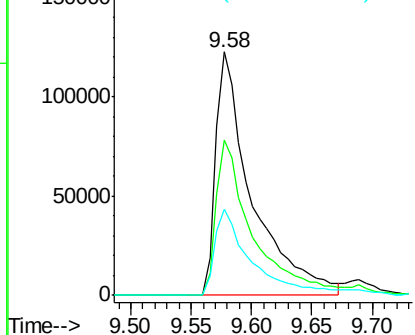
#29
 2,4-Dichlorophenol
 Concen: 46.04 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.6	84.6
98	35.4	14.8	54.8

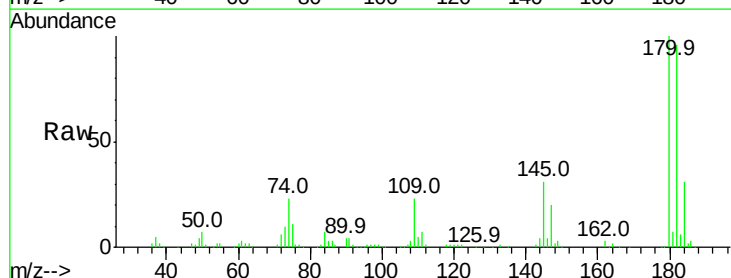


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

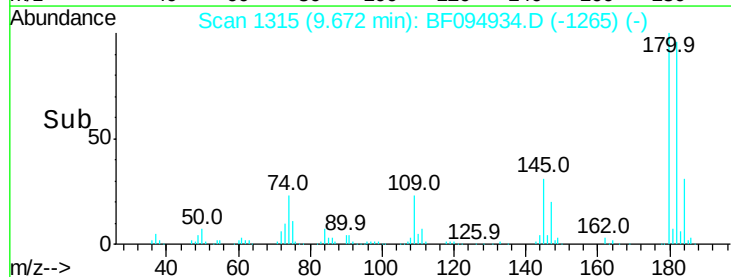
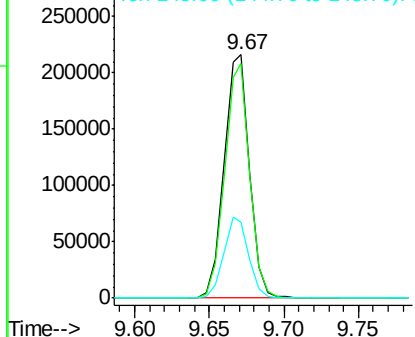


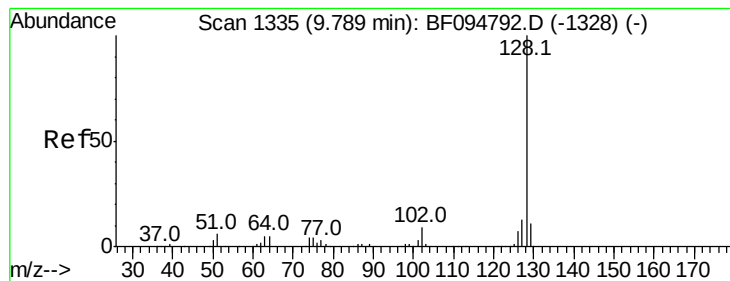
#30
 1,2,4-Trichlorobenzene
 Concen: 43.80 ng
 RT: 9.67 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.8	113.6
145	31.3	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: 43.06 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

ClientSampled :

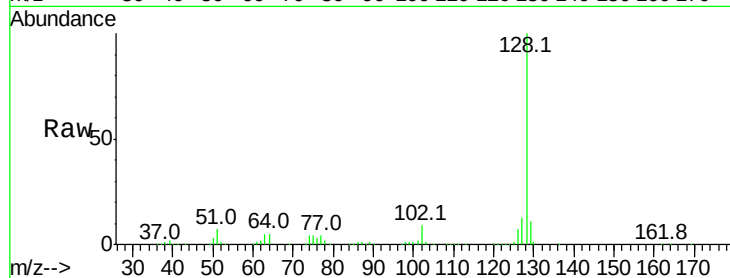
Tot Ion:128 Resp: 871163

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

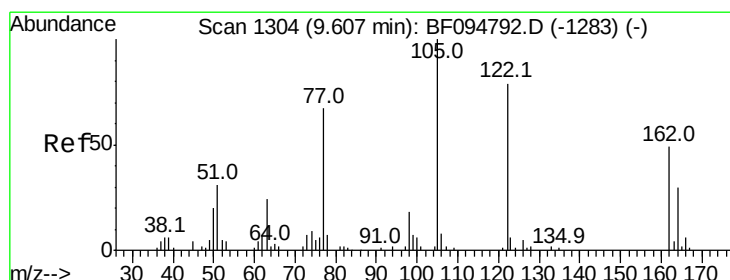
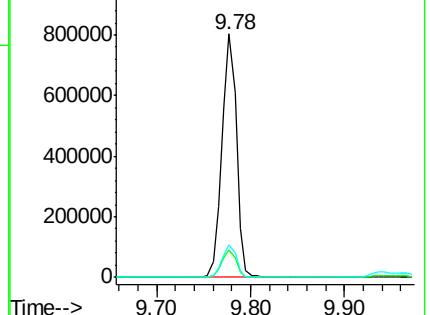
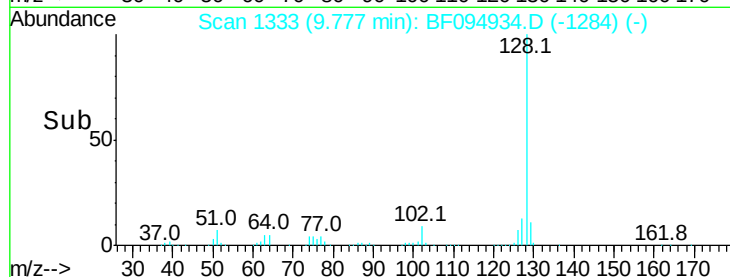
127 13.4 10.8 16.2



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: 25.42 ng

RT: 9.58 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

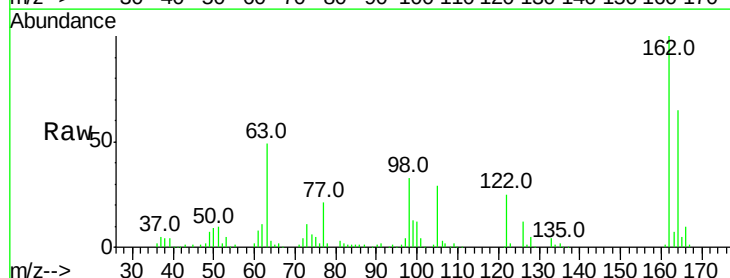
Tgt Ion:122 Resp: 87192

Ion Ratio Lower Upper

122 100

105 115.5 103.3 143.3

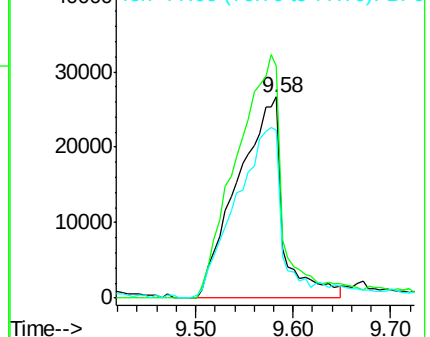
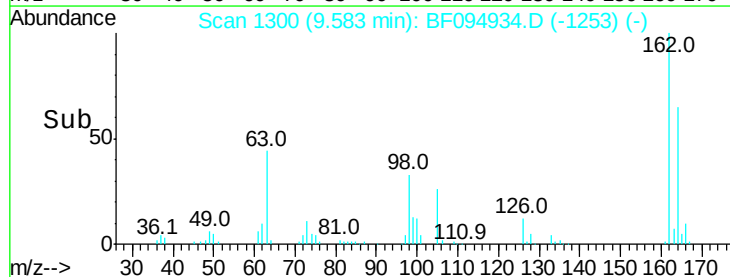
77 83.5 73.7 113.7

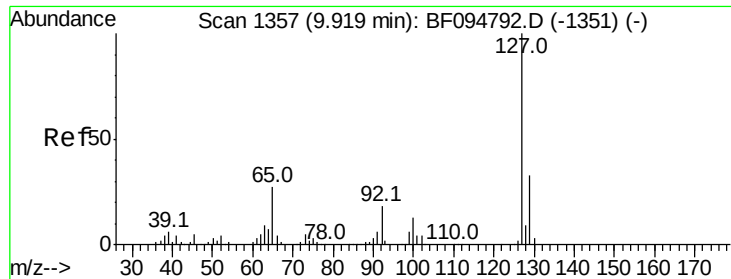


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

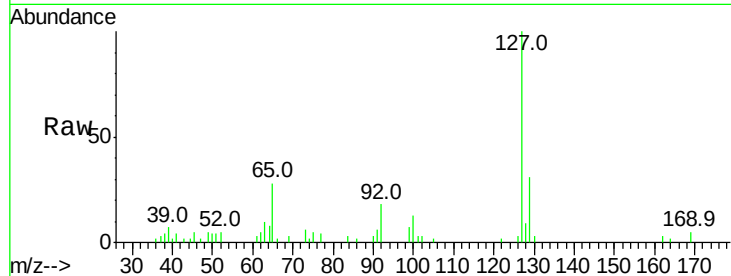




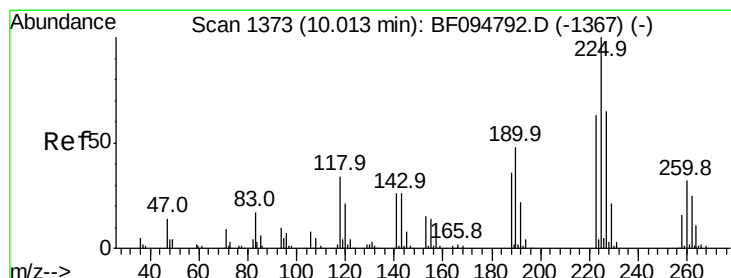
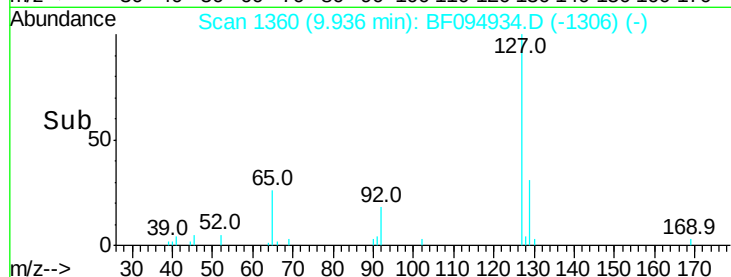
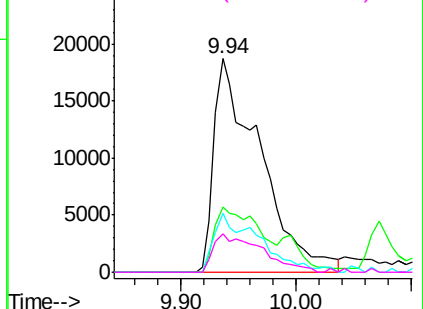
#33
 4-Chloroaniline
 Concen: 6.89 ng
 RT: 9.94 min Scan# 1360
 Delta R.T. 0.02 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	51942
Ion	Ratio	Lower	Upper
127	100		
129	30.6	26.2	39.2
65	27.6	27.8	41.8#
92	17.8	16.8	25.2

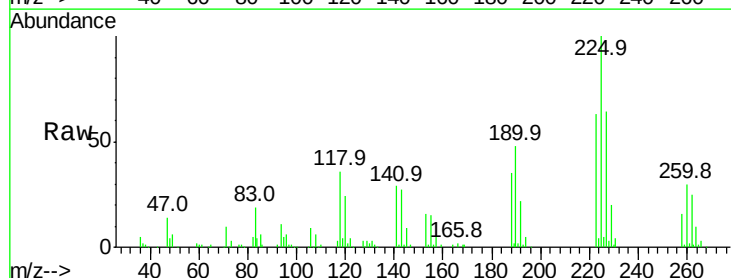


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

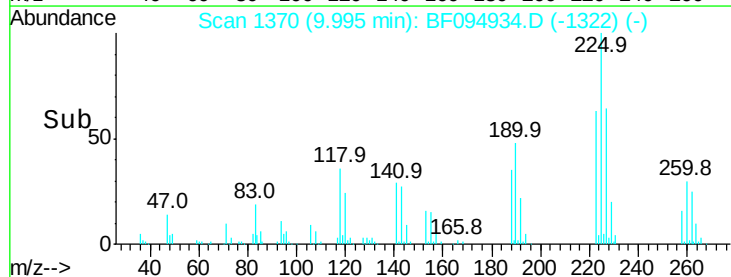
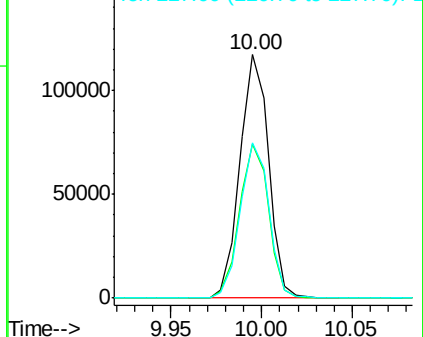


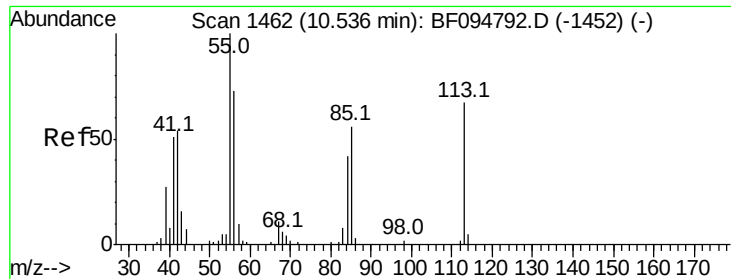
#34
 Hexachlorobutadiene
 Concen: 41.49 ng
 RT: 10.00 min Scan# 1370
 Delta R.T. -0.02 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Tgt Ion:	225	Resp:	129266
Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.8	73.2
227	63.8	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: 24.87 ng

RT: 10.55 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

ClientSampleId :

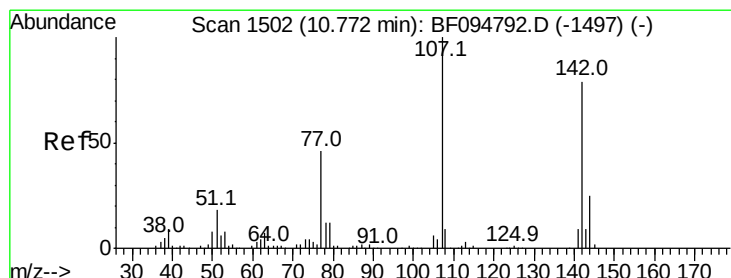
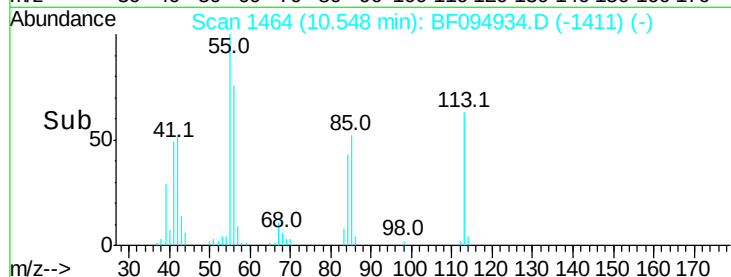
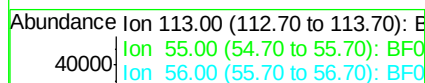
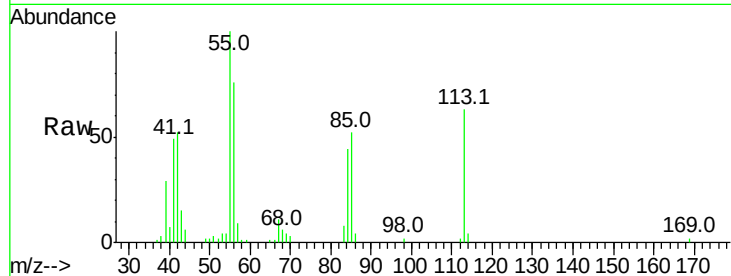
Tot Ion:113 Resp: 41166

Ion Ratio Lower Upper

113 100

55 159.9 150.2 190.2

56 121.2 107.8 147.8



#36

4-Chloro-3-methylphenol

Concen: 47.38 ng

RT: 10.78 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

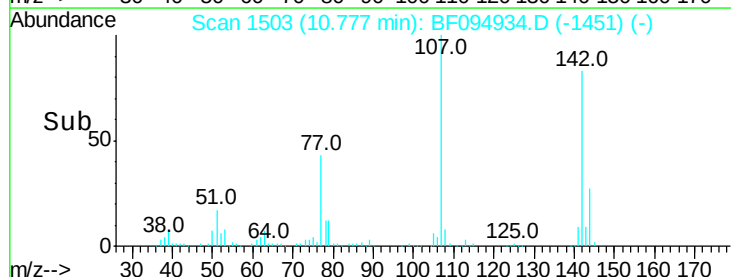
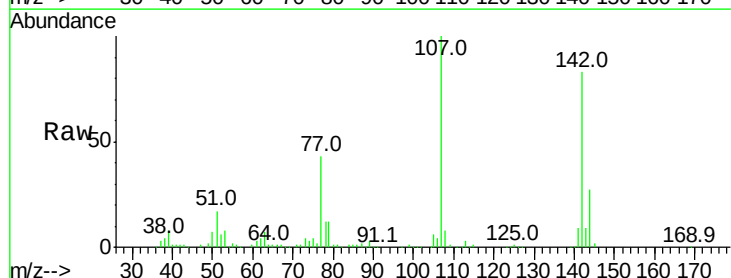
Tgt Ion:107 Resp: 279176

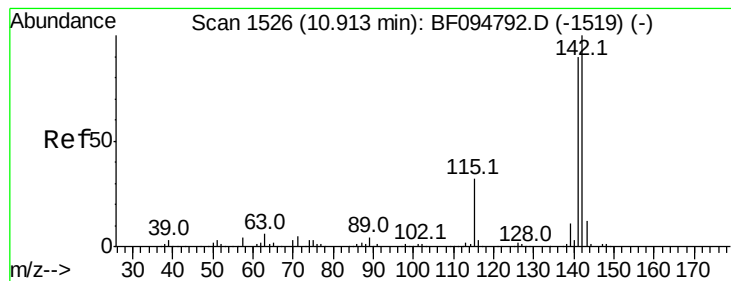
Ion Ratio Lower Upper

107 100

144 26.6 24.2 36.4

142 82.9 73.4 110.0





#37

2-Methylnaphthalene

Concen: 46.12 ng

RT: 10.90 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

ClientSampleId :

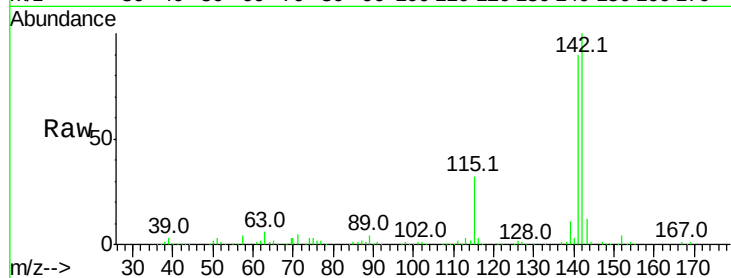
Tot Ion:142 Resp: 612379

Ion Ratio Lower Upper

142 100

141 89.7 71.3 106.9

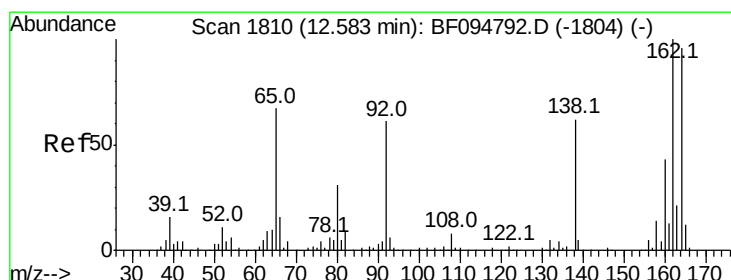
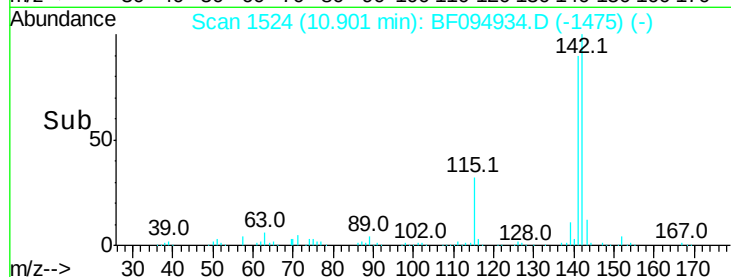
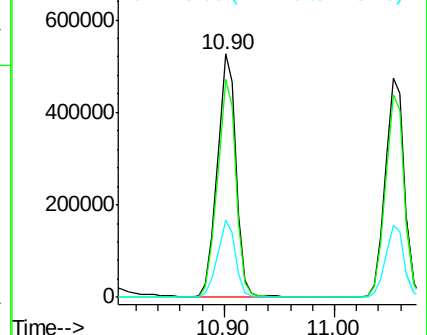
115 32.0 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

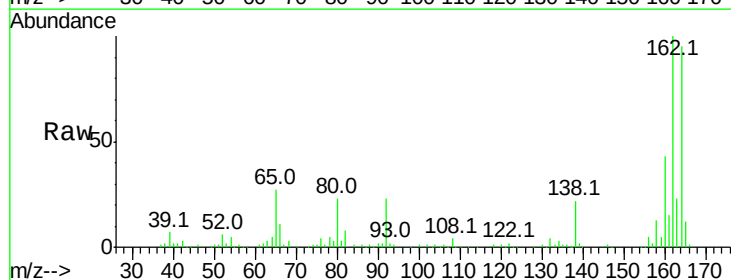
Tgt Ion:164 Resp: 202061

Ion Ratio Lower Upper

164 100

162 104.9 82.6 123.8

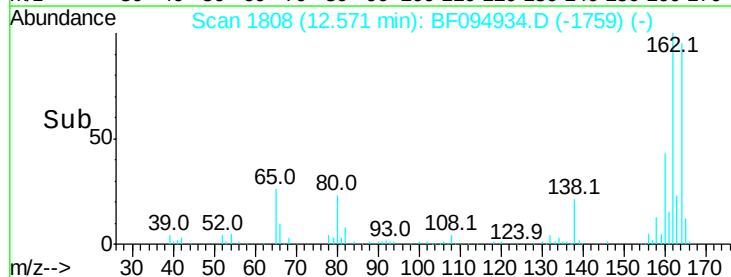
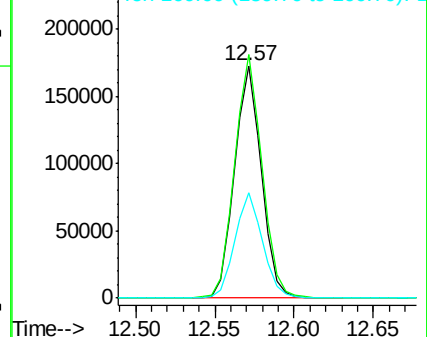
160 45.2 36.2 54.2

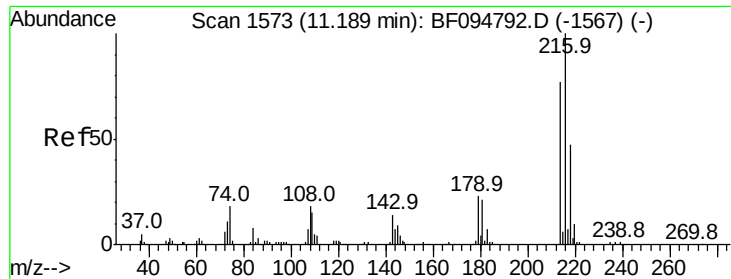


Abundance Ion 164.00 (163.70 to 164.70): E

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: 38.50 ng

RT: 11.18 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 239222

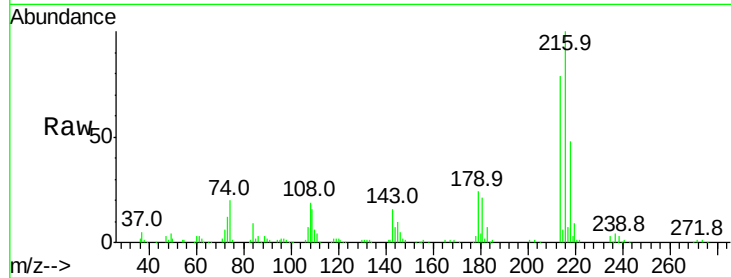
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.2

179 22.3 17.9 26.9

108 21.0 16.5 24.7

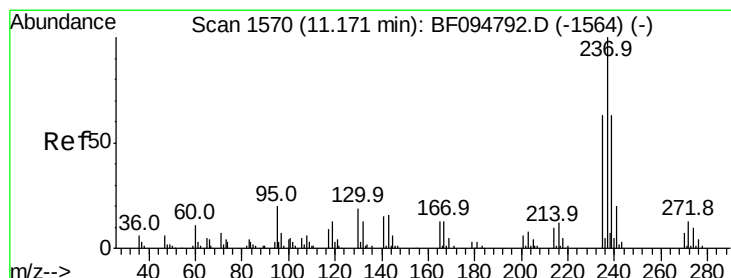
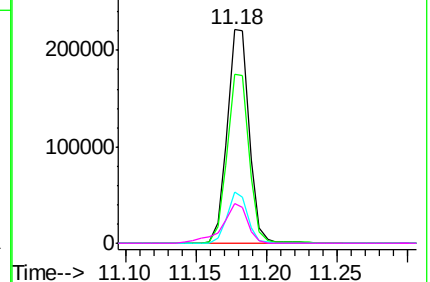
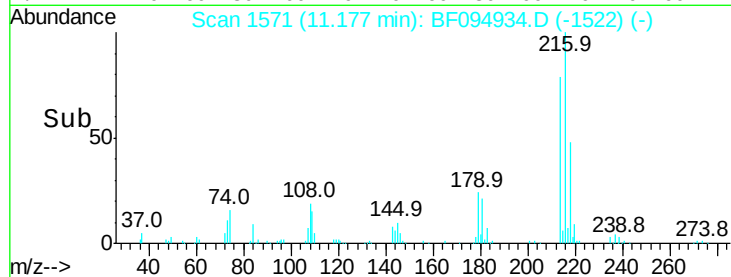


Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.01 ng

RT: 11.16 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

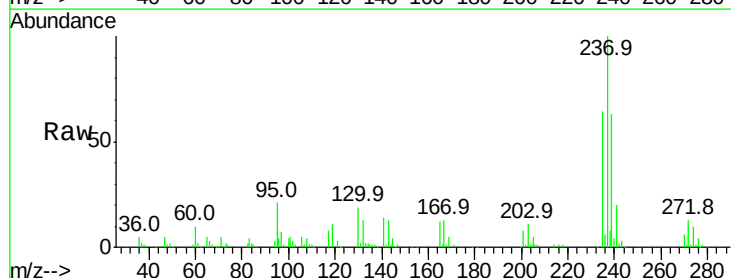
Tgt Ion:237 Resp: 203372

Ion Ratio Lower Upper

237 100

235 64.3 42.6 82.6

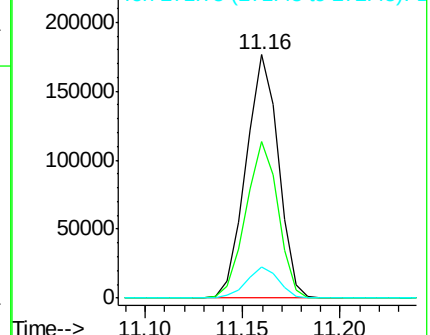
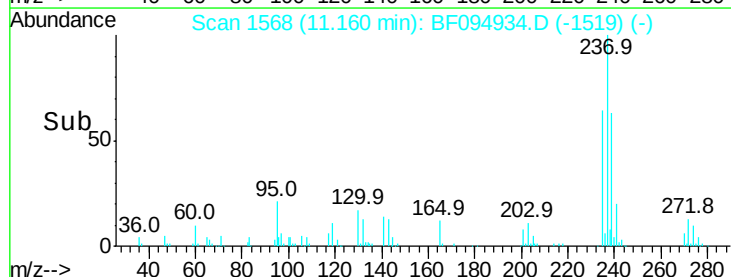
272 12.8 0.0 31.9

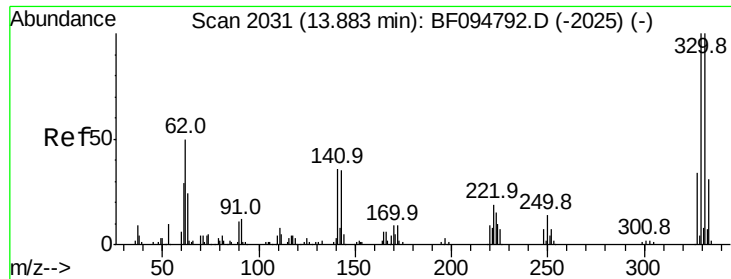


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

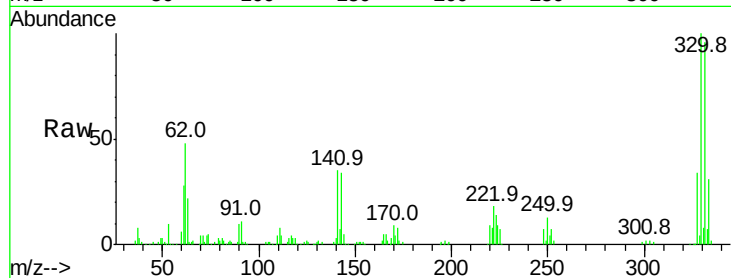




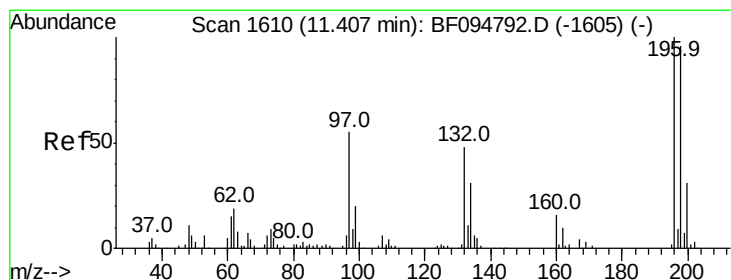
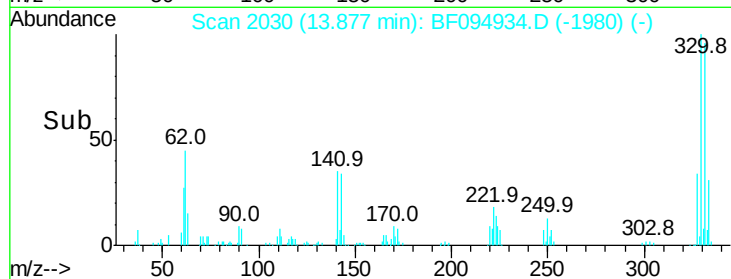
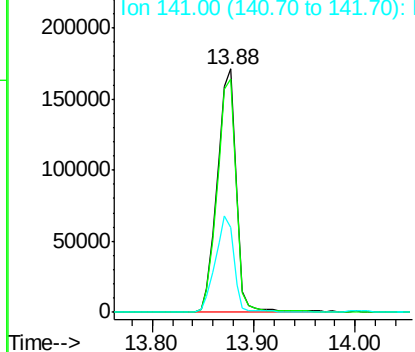
#41
 2,4,6-Tribromophenol
 Concen: 134.42 ng
 RT: 13.88 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 222437
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 39.8 31.4 47.2

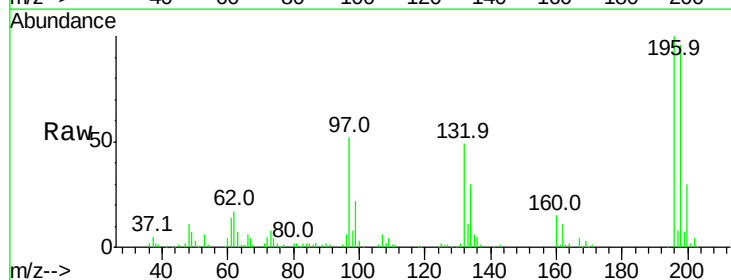


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

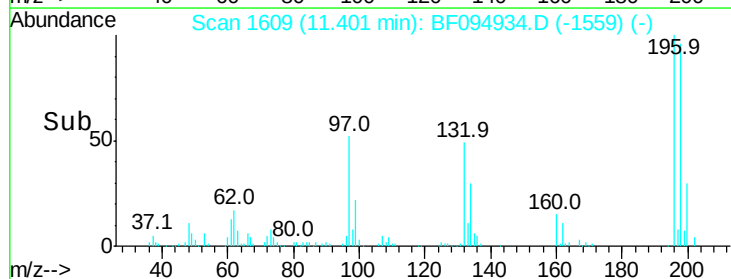
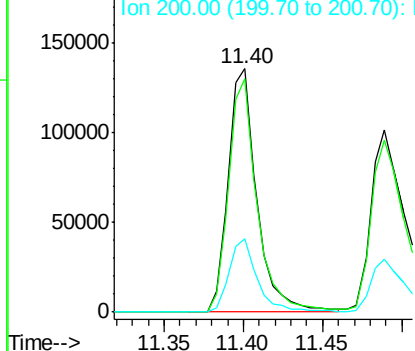


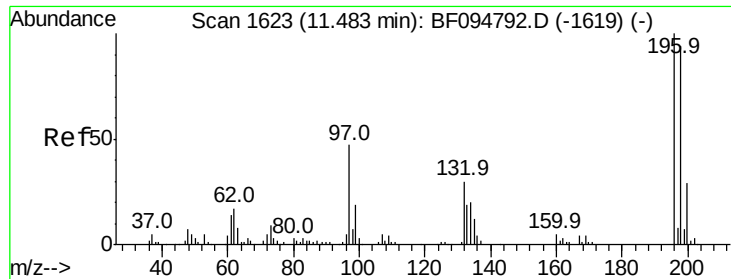
#42
 2,4,6-Trichlorophenol
 Concen: 41.00 ng
 RT: 11.40 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Tgt Ion:196 Resp: 170119
 Ion Ratio Lower Upper
 196 100
 198 96.0 74.2 111.4
 200 30.2 24.0 36.0



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

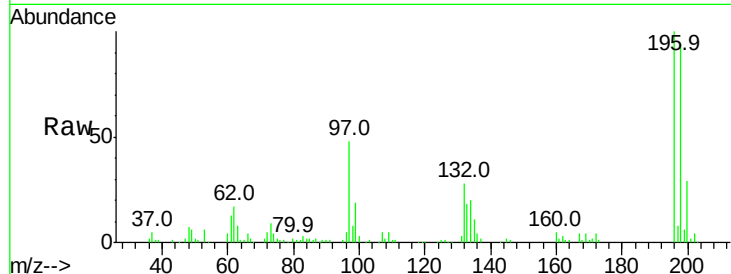




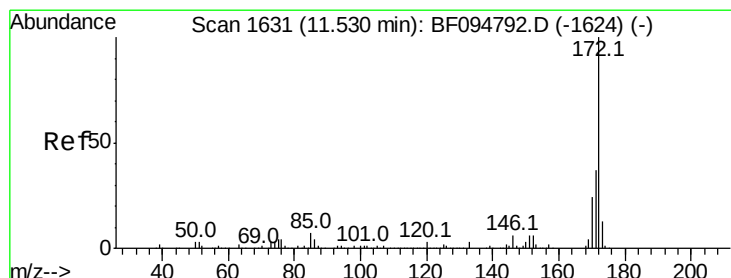
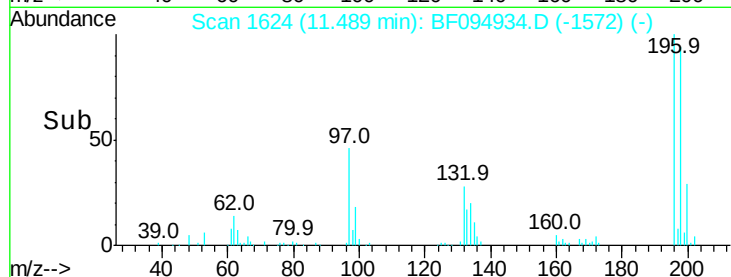
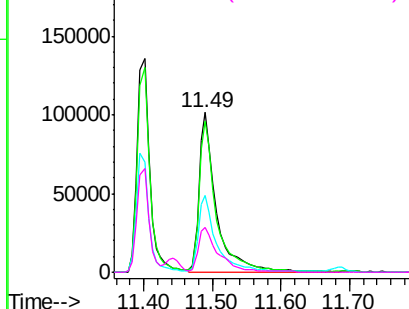
#43
2,4,5-Trichlorophenol
Concen: 40.79 ng
RT: 11.49 min Scan# 1624
Delta R.T. 0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 181903
Ion Ratio Lower Upper
196 100
198 94.5 75.7 113.5
97 48.2 47.7 71.5
132 28.4 28.0 42.0

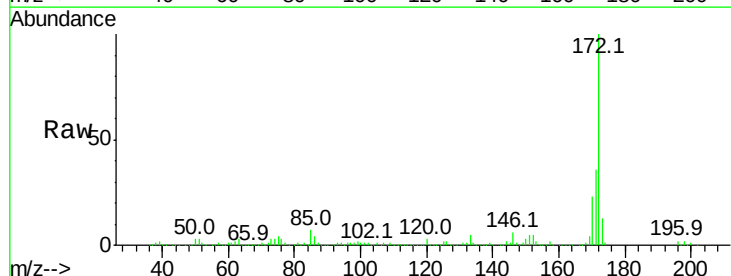


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

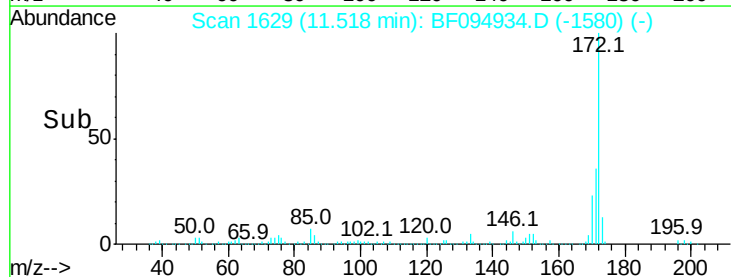
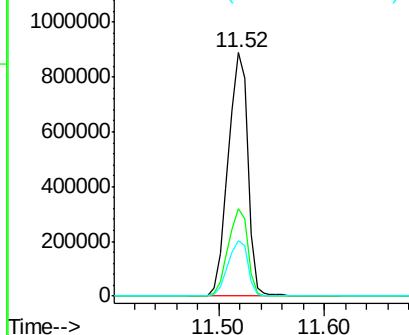


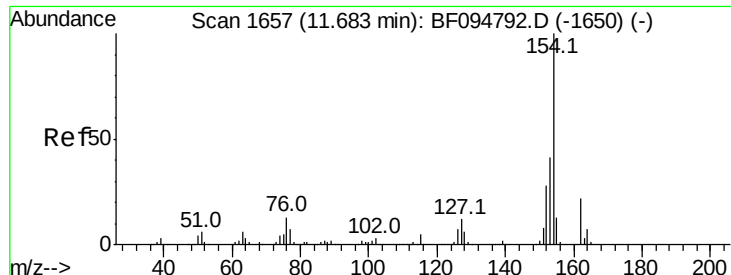
#44
2-Fluorobiphenyl
Concen: 81.55 ng
RT: 11.52 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Tgt Ion:172 Resp: 1144867
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 22.9 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 40.62 ng

RT: 11.67 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

ClientSampled :

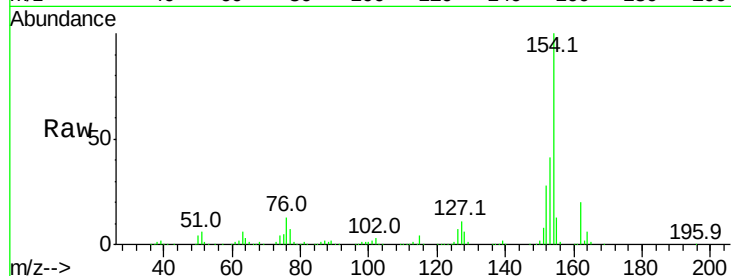
Tot Ion:154 Resp: 691041

Ion Ratio Lower Upper

154 100

153 41.1 21.2 61.2

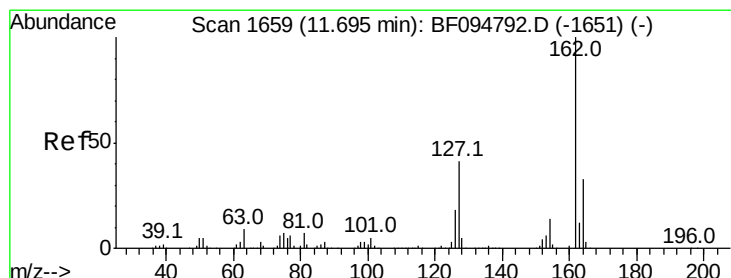
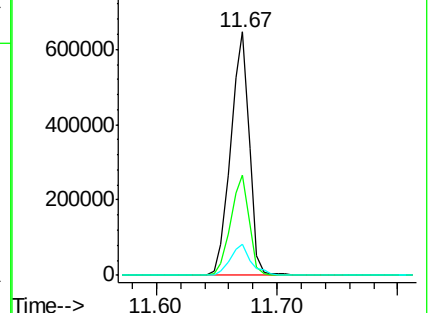
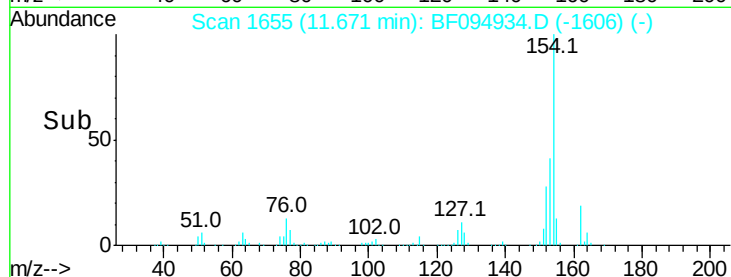
76 12.5 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.92 ng

RT: 11.68 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

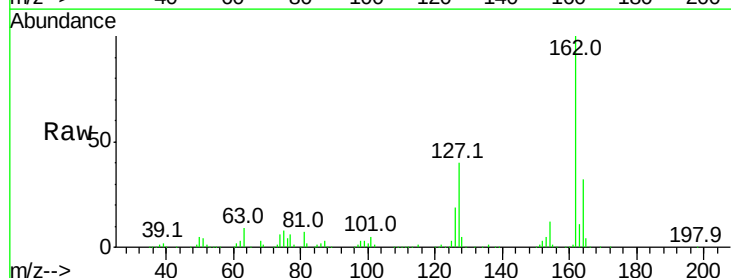
Tgt Ion:162 Resp: 548420

Ion Ratio Lower Upper

162 100

127 40.0 28.3 42.5

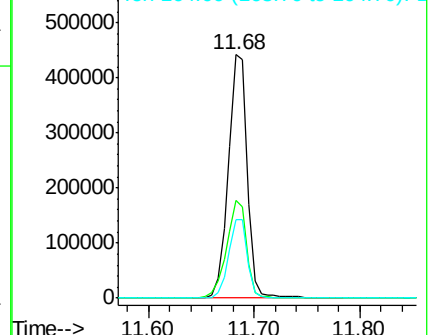
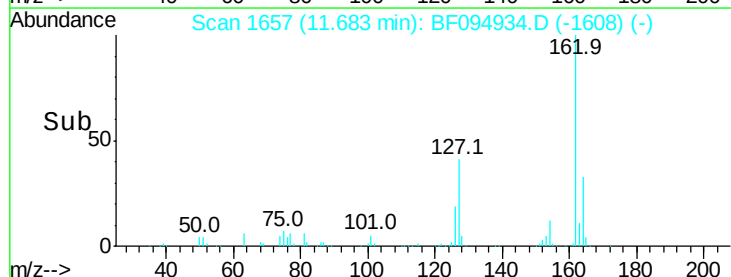
164 32.4 27.0 40.4

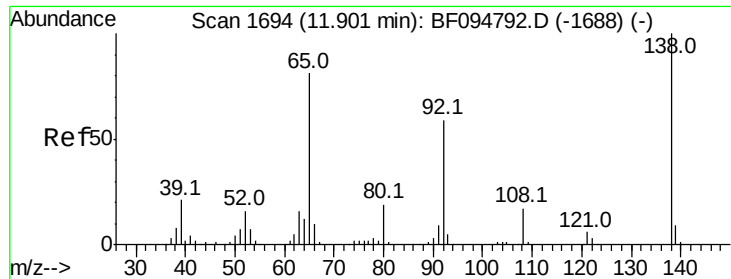


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

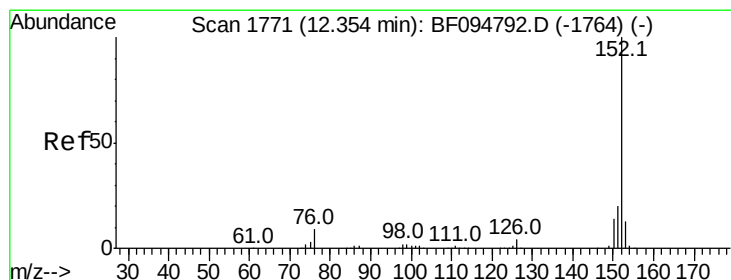
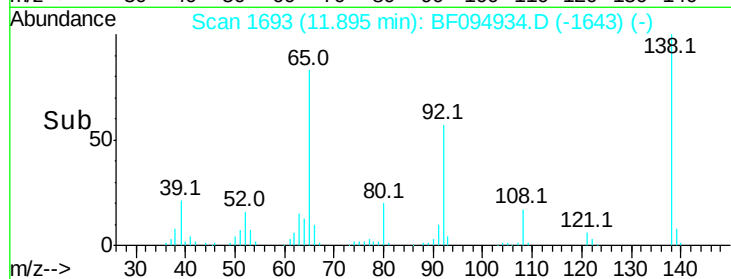
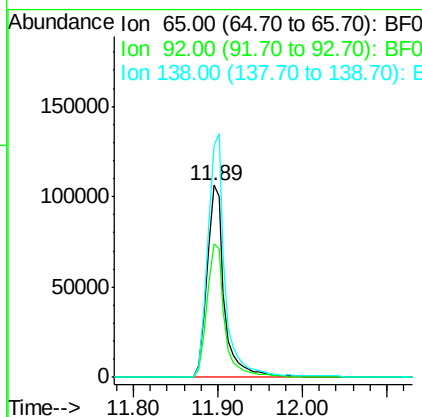
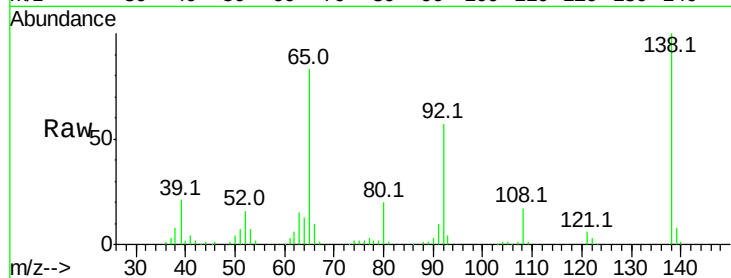




#47
 2-Nitroaniline
 Concen: 40.97 ng
 RT: 11.89 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

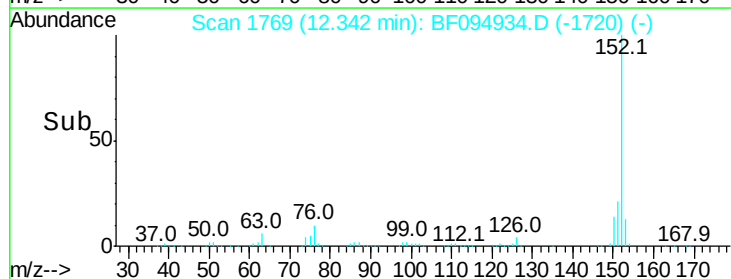
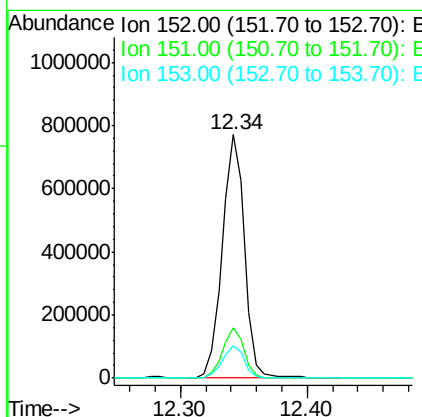
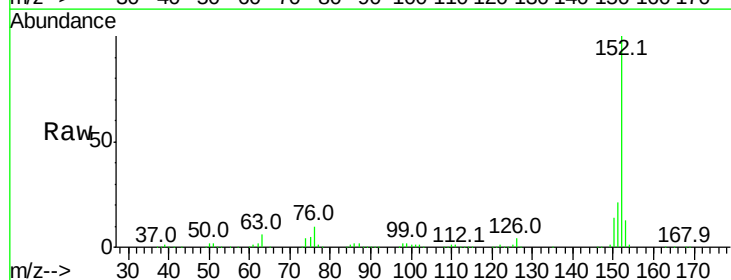
Instrument :
 BNA_F
 ClientSampleId :

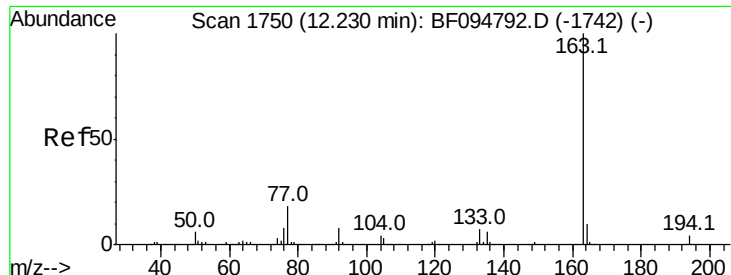
Tot Ion: 65 Resp: 154045
 Ion Ratio Lower Upper
 65 100
 92 69.3 53.9 80.9
 138 120.8 78.8 118.2#



#48
 Acenaphthylene
 Concen: 43.38 ng
 RT: 12.34 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Tgt Ion: 152 Resp: 933372
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.8 25.2
 153 13.4 10.8 16.2





#49

Dimethylphthalate

Concen: 53.89 ng

RT: 12.22 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

ClientSampleId :

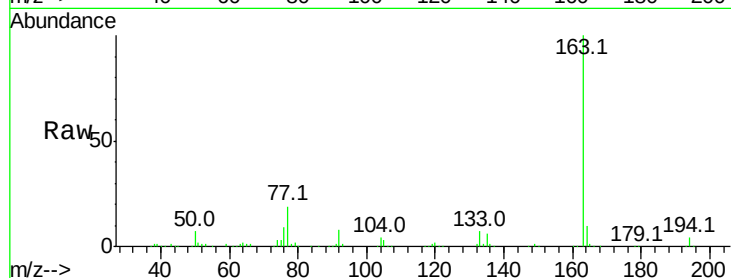
Tot Ion:163 Resp: 893980

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

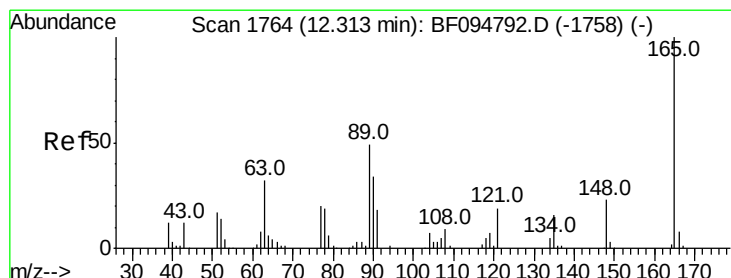
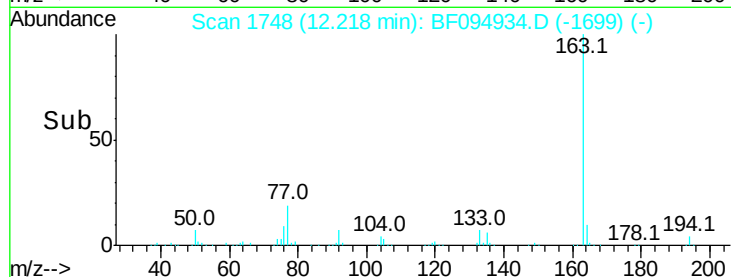
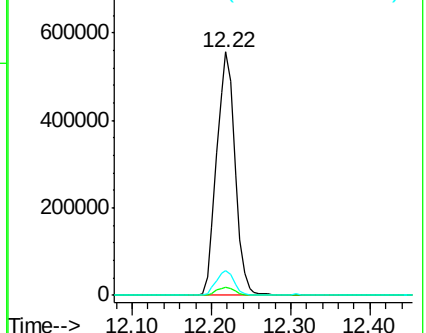
164 10.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.49 ng

RT: 12.31 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

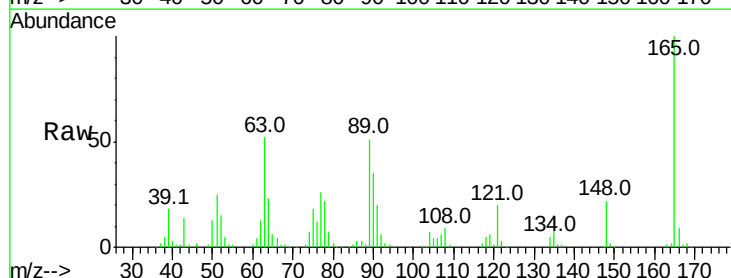
Tgt Ion:165 Resp: 153938

Ion Ratio Lower Upper

165 100

63 51.7 34.3 51.5#

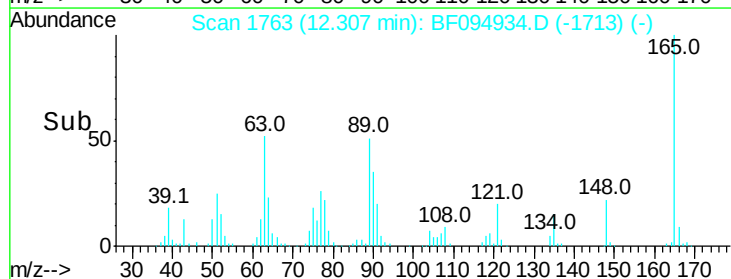
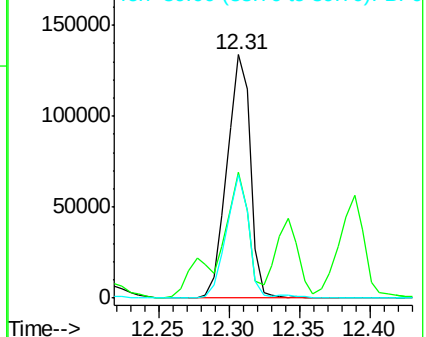
89 50.8 37.1 55.7

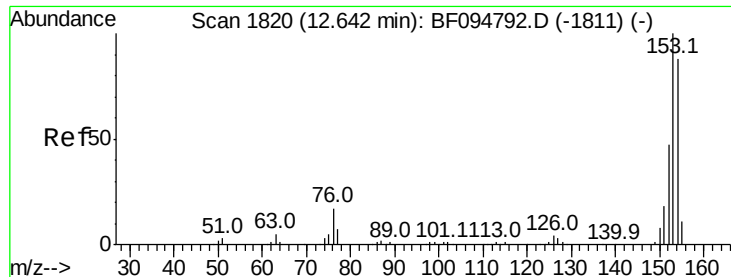


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.20 ng

RT: 12.63 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

ClientSampleId :

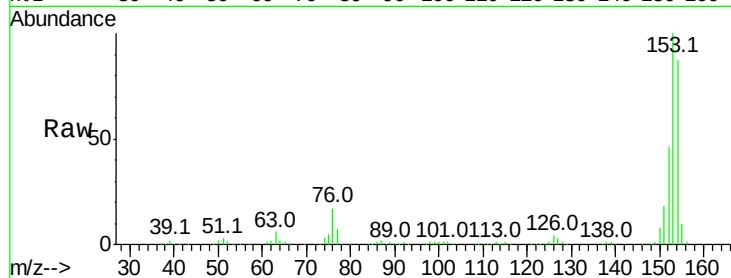
Tot Ion:154 Resp: 542339

Ion Ratio Lower Upper

154 100

153 115.5 90.5 135.7

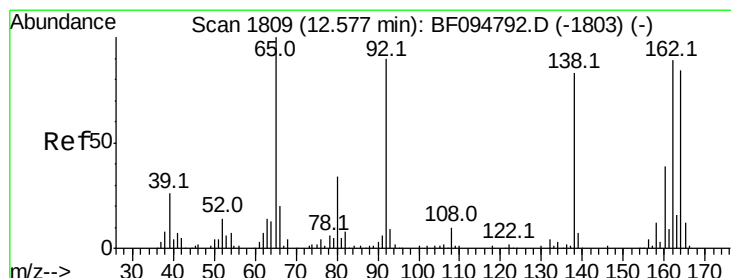
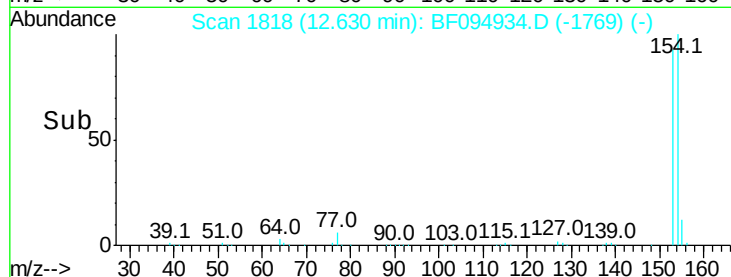
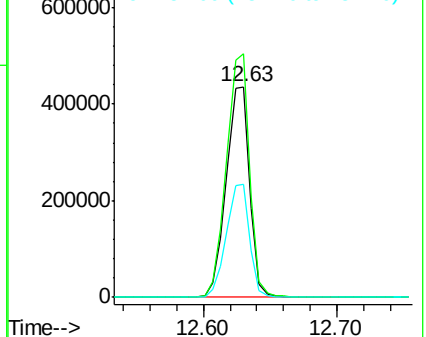
152 53.5 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.92 ng

RT: 12.58 min Scan# 1809

Delta R.T. -0.00 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

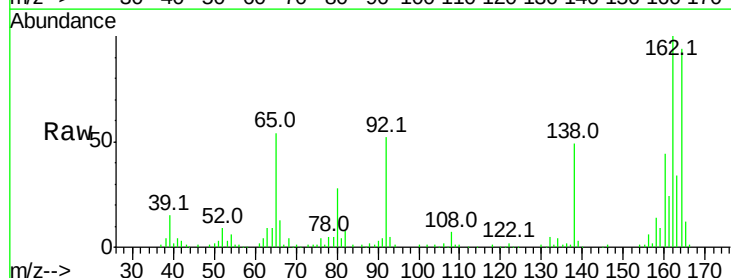
Tgt Ion:138 Resp: 90533

Ion Ratio Lower Upper

138 100

108 13.5 9.1 13.7

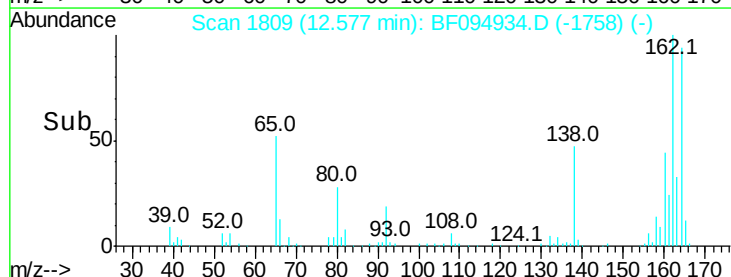
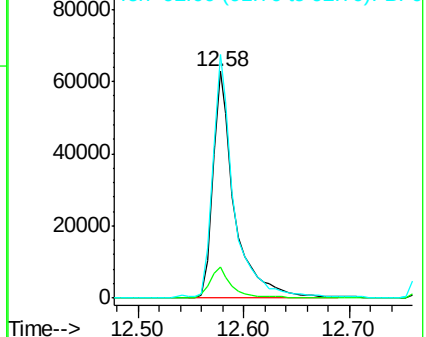
92 107.3 93.8 140.6

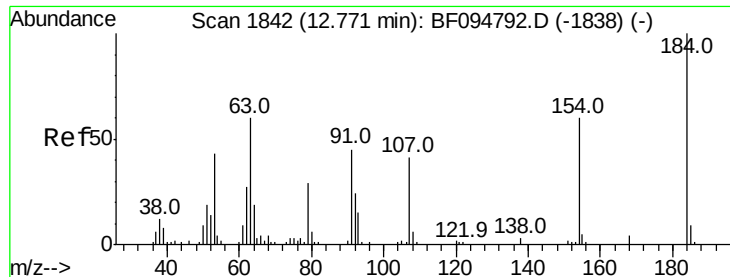


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

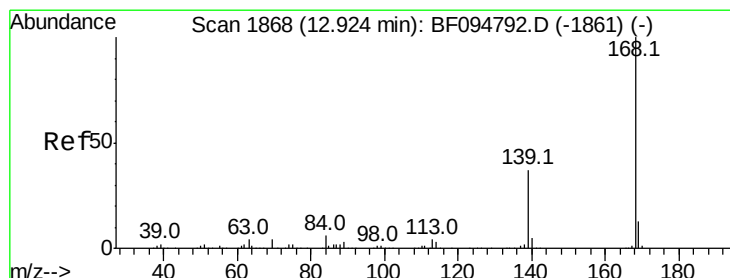
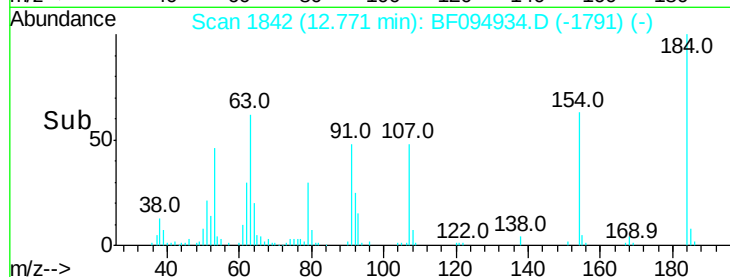
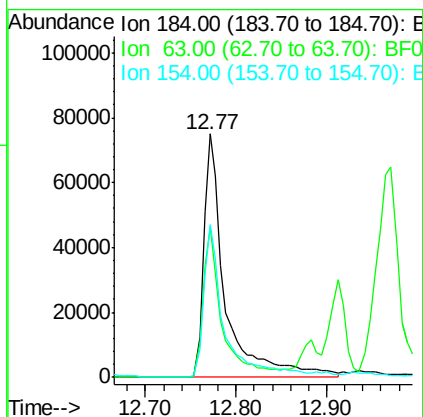
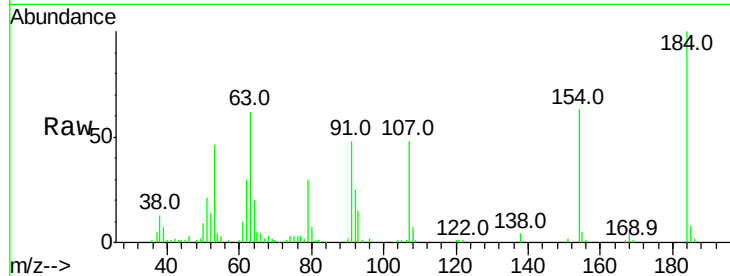




#53
 2,4-Dinitrophenol
 Concen: 68.05 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

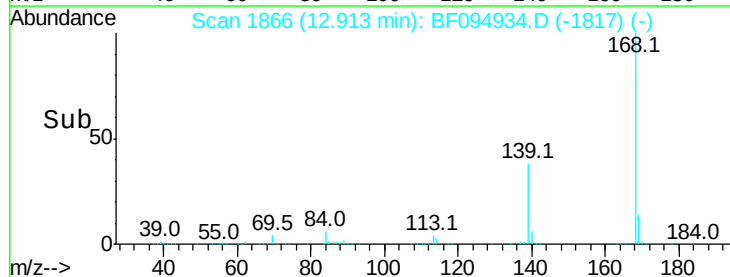
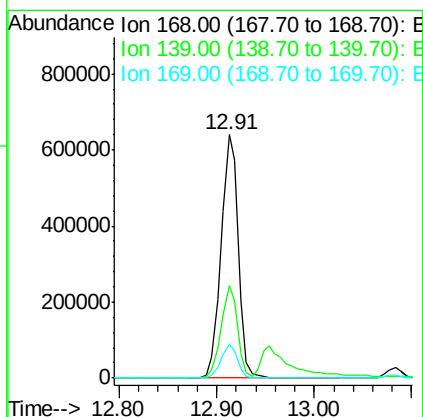
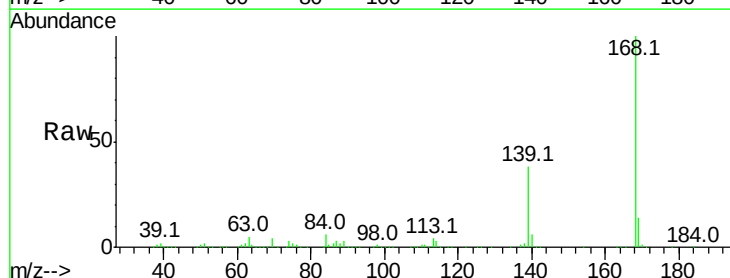
Instrument :
 BNA_F
 ClientSampled :

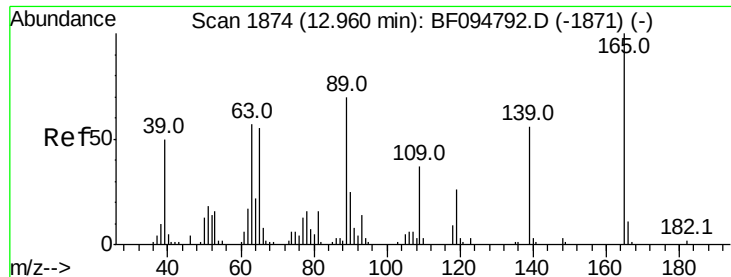
Tot Ion:184 Resp: 124965
 Ion Ratio Lower Upper
 184 100
 63 61.9 62.7 94.1#
 154 62.5 81.1 121.7#



#54
 Dibenzofuran
 Concen: 43.79 ng
 RT: 12.91 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Tgt Ion:168 Resp: 778829
 Ion Ratio Lower Upper
 168 100
 139 38.2 30.6 45.8
 169 13.7 10.8 16.2

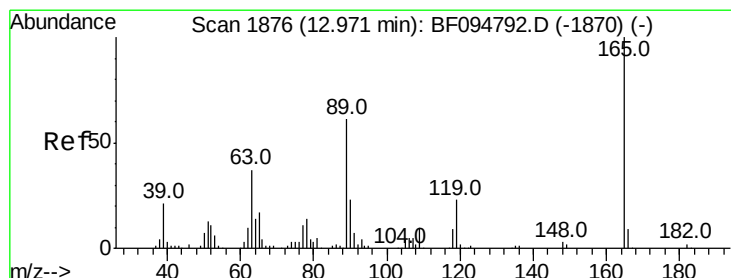
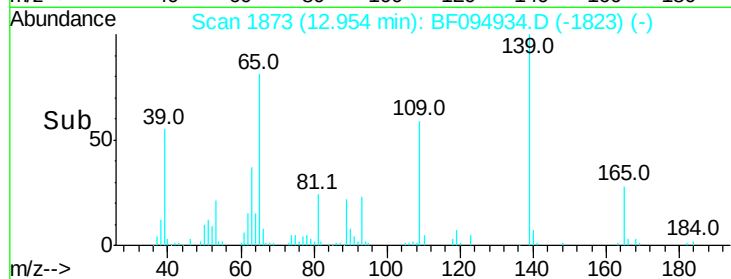
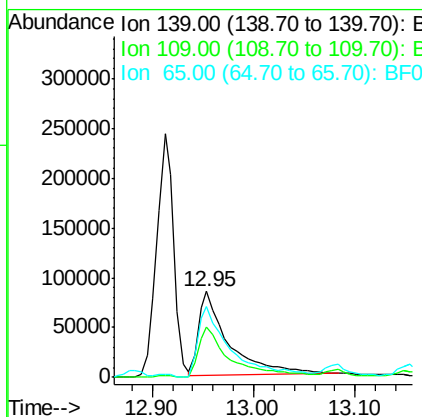
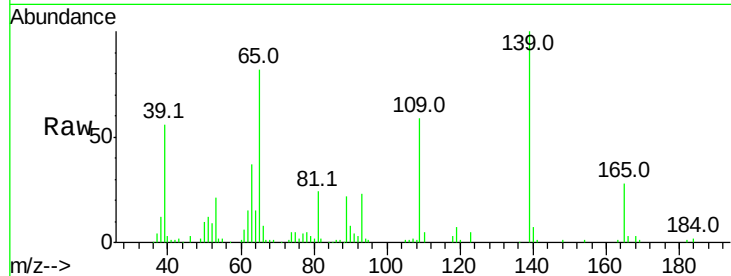




#55
4-Nitrophenol
Concen: 79.89 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

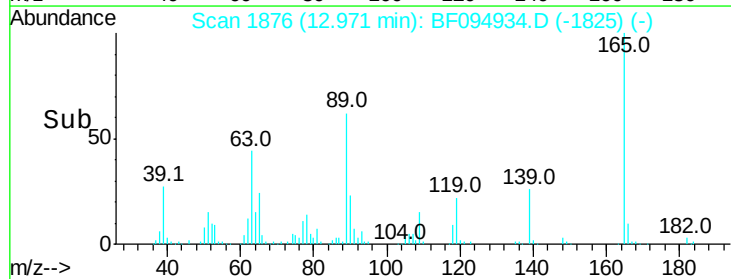
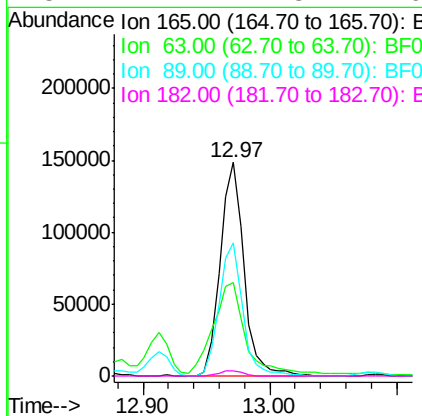
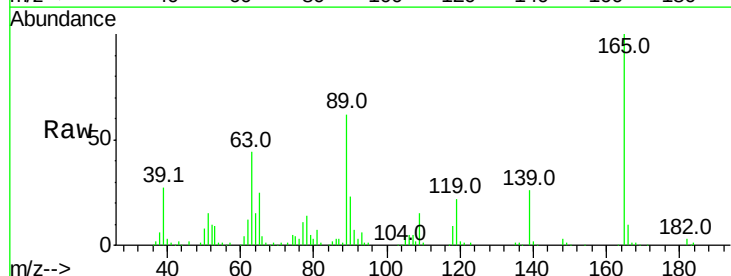
Instrument :
BNA_F
ClientSampleId :

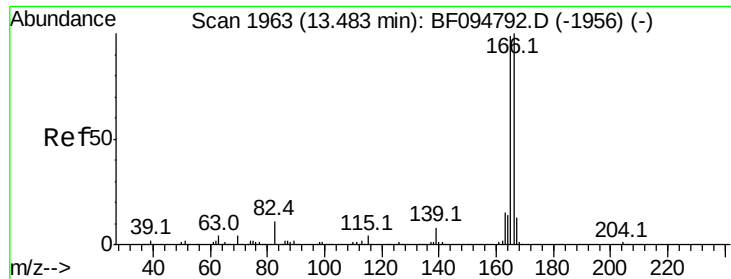
Tot Ion:139 Resp: 174287
Ion Ratio Lower Upper
139 100
109 59.1 34.1 74.1
65 82.1 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 44.59 ng
RT: 12.97 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Tgt Ion:165 Resp: 193904
Ion Ratio Lower Upper
165 100
63 43.8 25.4 38.0#
89 62.1 46.4 69.6
182 2.7 1.8 2.6#

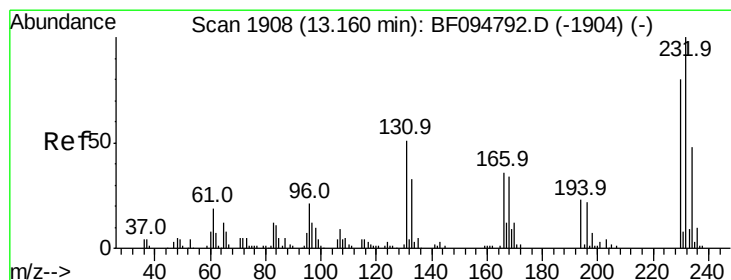
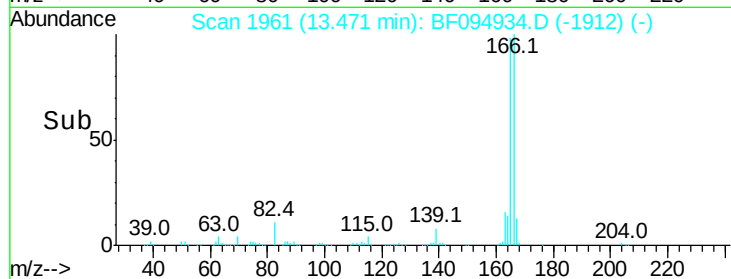
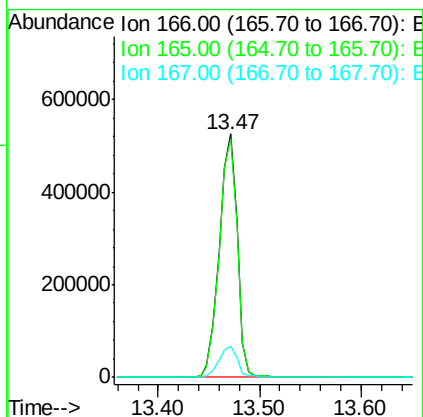
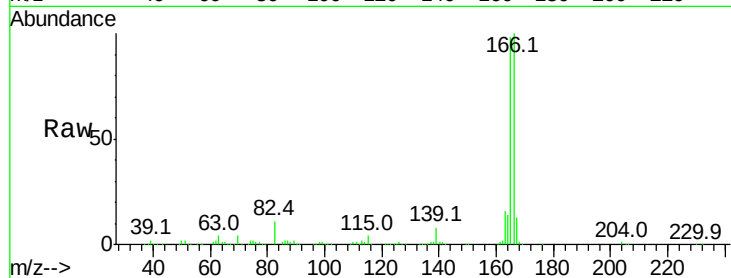




#57
 Fluorene
 Concen: 41.69 ng
 RT: 13.47 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

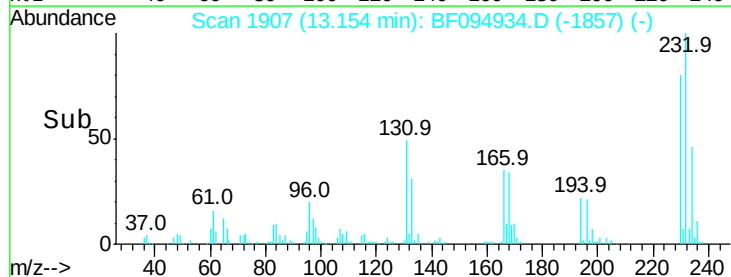
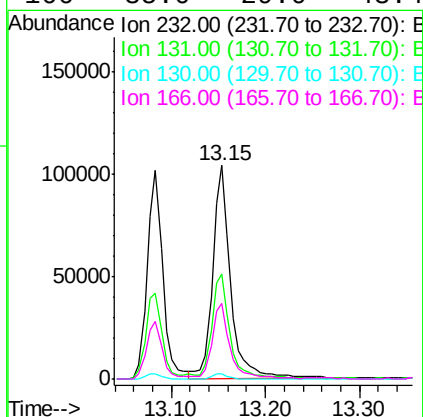
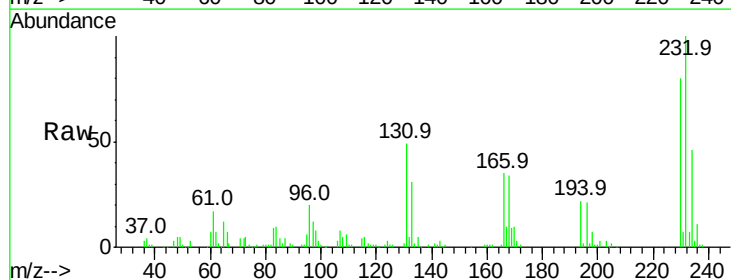
Instrument :
 BNA_F
 ClientSampleId :

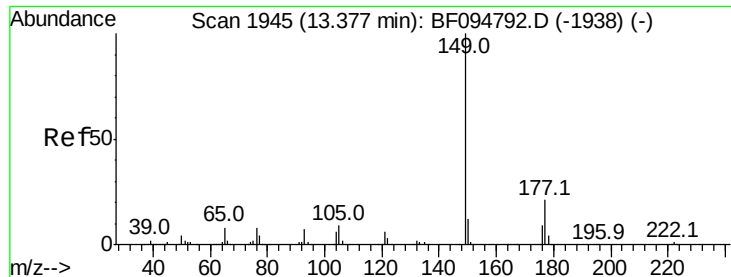
Tot Ion:166 Resp: 644665
 Ion Ratio Lower Upper
 166 100
 165 98.1 78.8 118.2
 167 12.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.37 ng
 RT: 13.15 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Tgt Ion:232 Resp: 138544
 Ion Ratio Lower Upper
 232 100
 131 50.3 44.8 67.2
 130 2.2 2.3 3.5#
 166 35.0 29.0 43.4

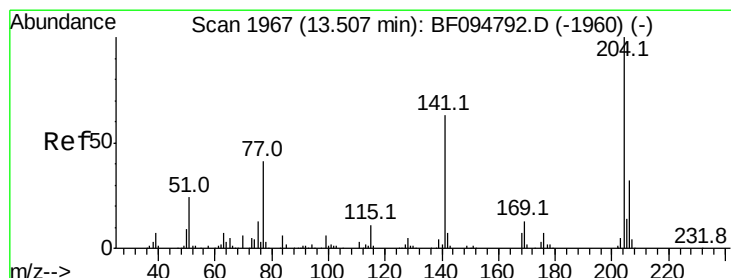
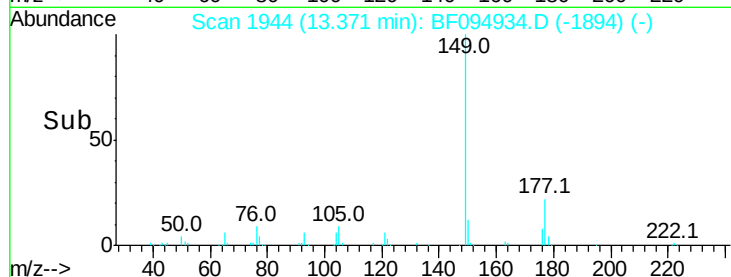
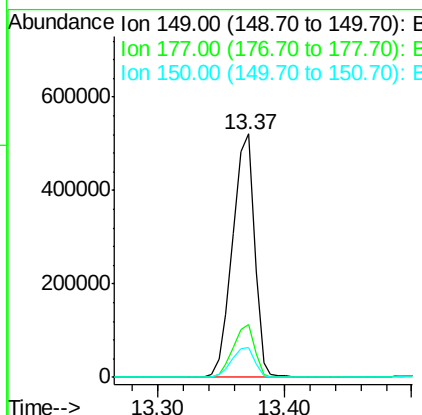
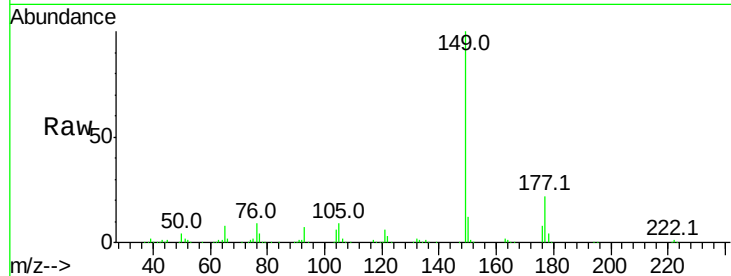




#59
Diethylphthalate
Concen: 39.37 ng
RT: 13.37 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

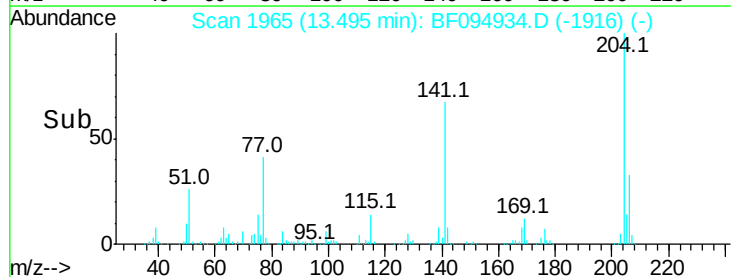
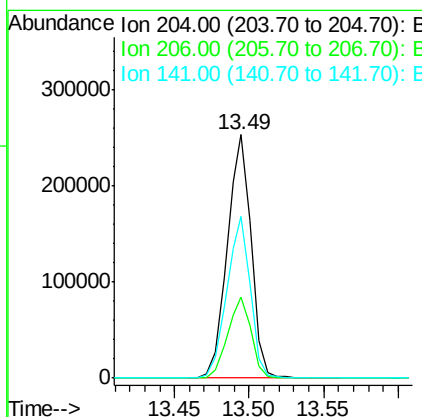
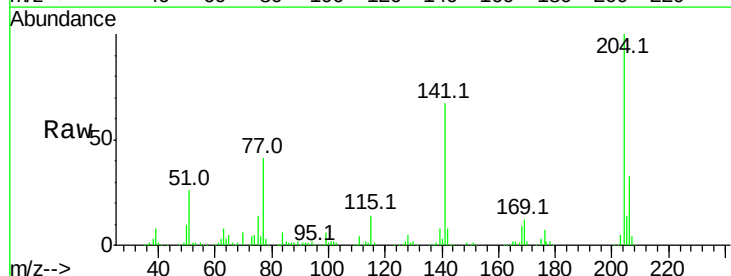
Instrument :
BNA_F
ClientSampleId :

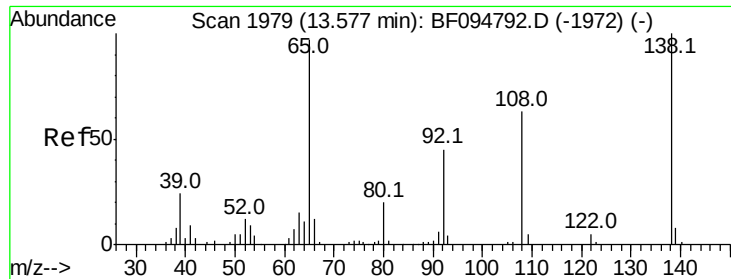
Tot Ion:149 Resp: 625905
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 12.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 41.87 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Tgt Ion:204 Resp: 284574
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 66.6 60.8 91.2

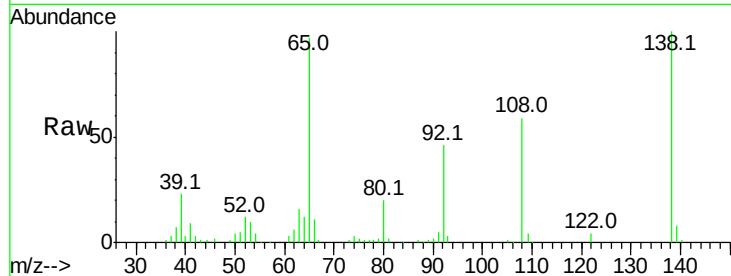




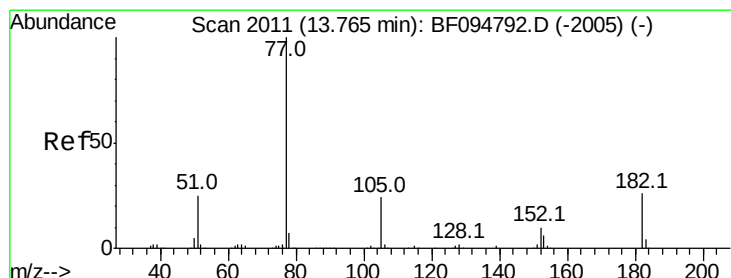
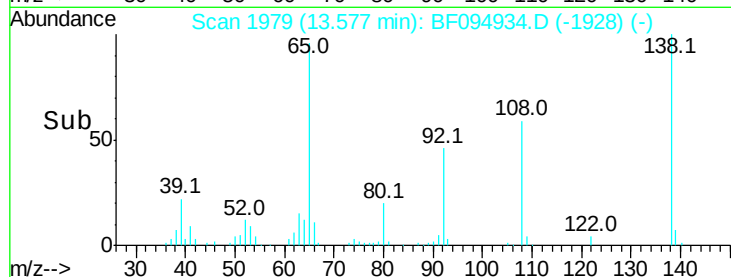
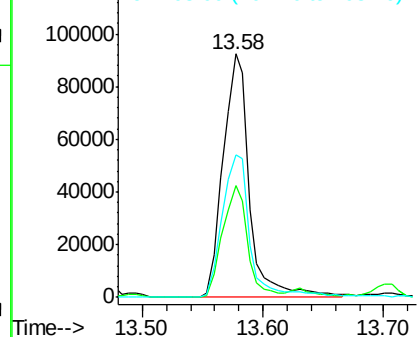
#61
4-Nitroaniline
Concen: 41.76 ng
RT: 13.58 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 139260
Ion Ratio Lower Upper
138 100
92 45.8 21.8 61.8
108 58.5 42.3 82.3

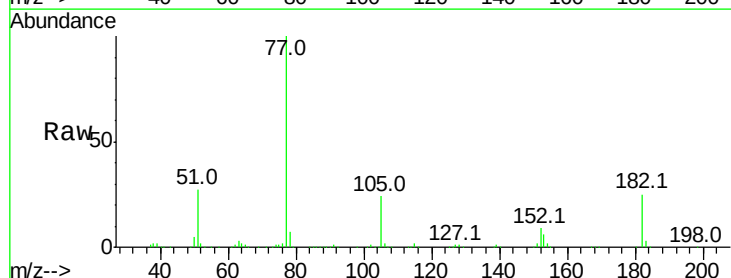


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

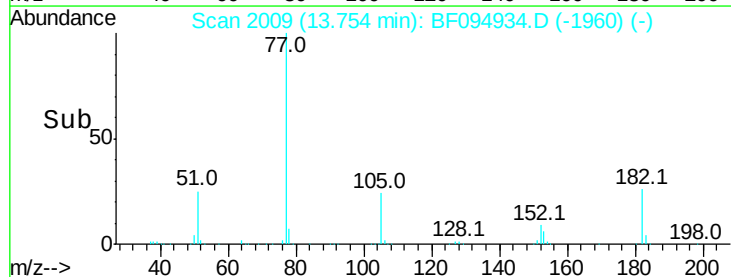
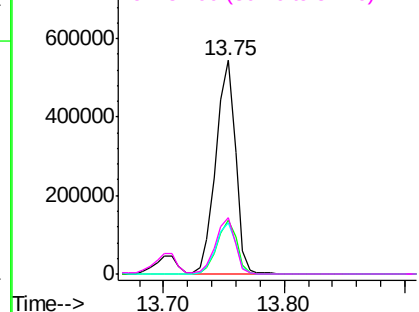


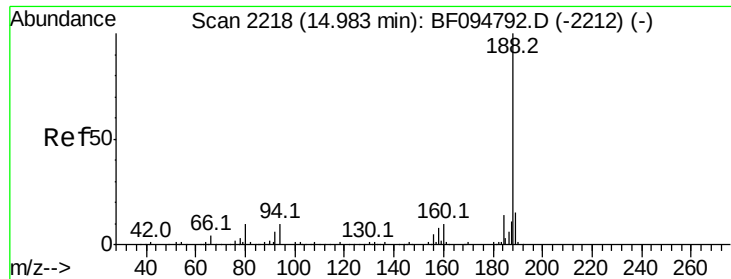
#62
Azobenzene
Concen: 47.84 ng
RT: 13.75 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Tgt Ion: 77 Resp: 611153
Ion Ratio Lower Upper
77 100
182 25.5 0.1 40.1
105 23.9 3.6 43.6
51 26.6 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

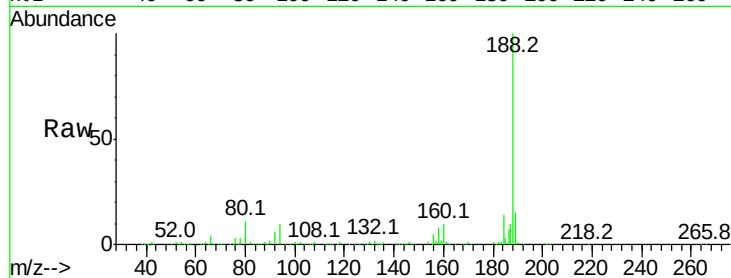




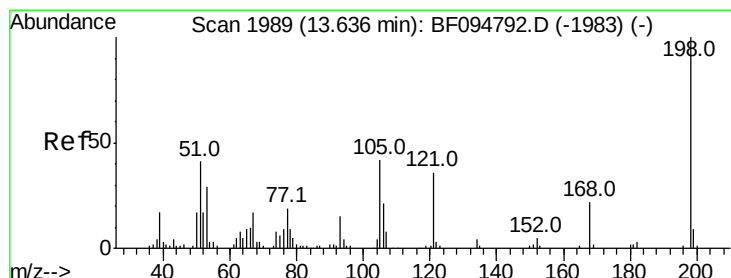
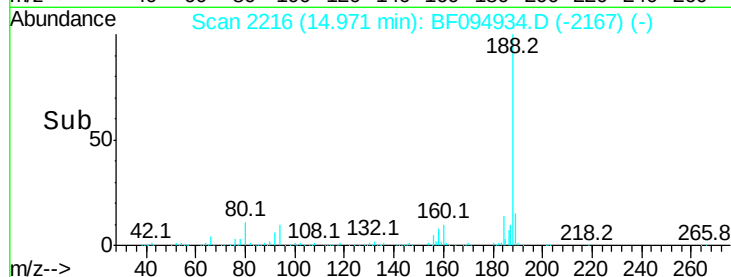
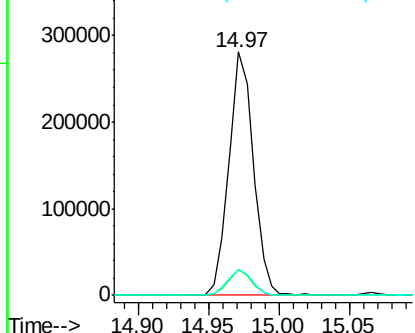
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 341779
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 10.8 10.2 15.2

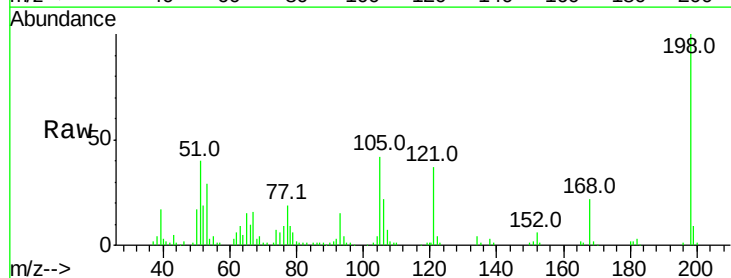


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

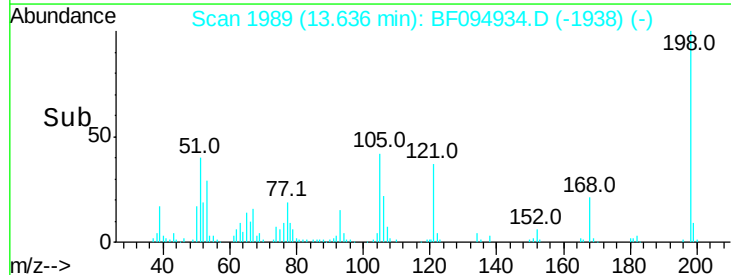
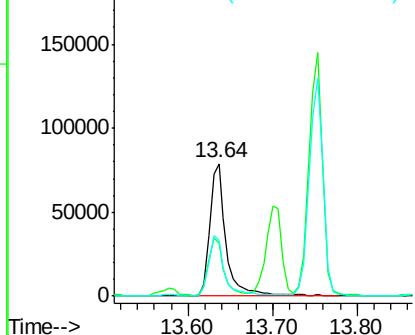


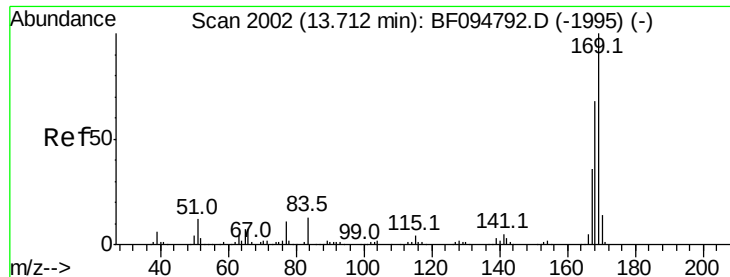
#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.21 ng
 RT: 13.64 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Tgt Ion:198 Resp: 108169
 Ion Ratio Lower Upper
 198 100
 51 39.7 53.2 93.2#
 105 41.5 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.00 ng

RT: 13.71 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

ClientSampled :

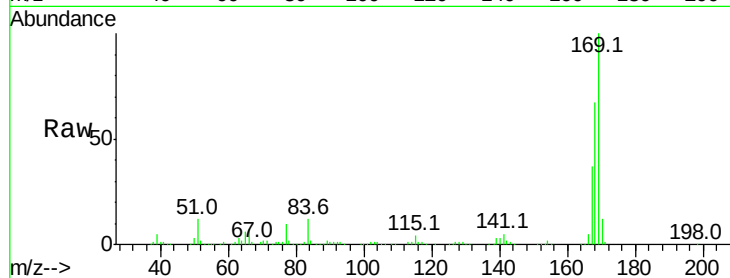
Tot Ion:169 Resp: 558163

Ion Ratio Lower Upper

169 100

168 66.6 53.2 79.8

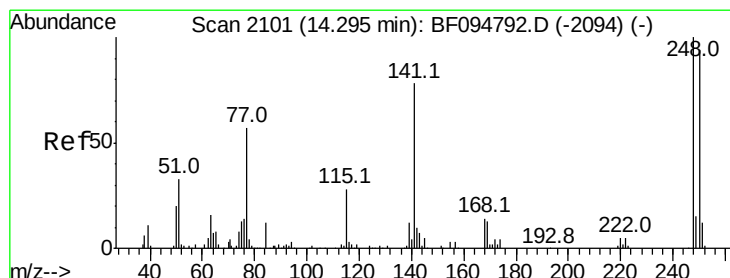
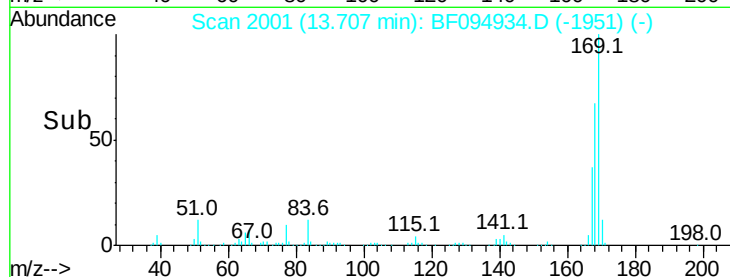
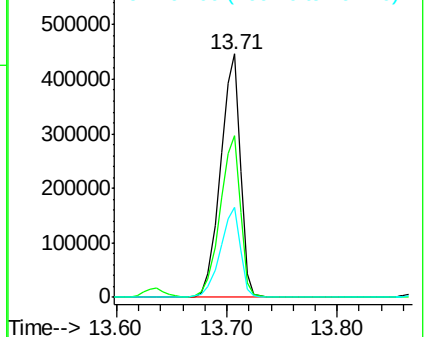
167 36.8 29.5 44.3



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: 44.72 ng

RT: 14.28 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

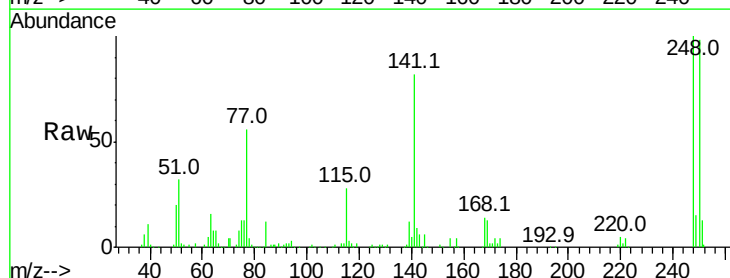
Tgt Ion:248 Resp: 161469

Ion Ratio Lower Upper

248 100

250 98.1 76.8 115.2

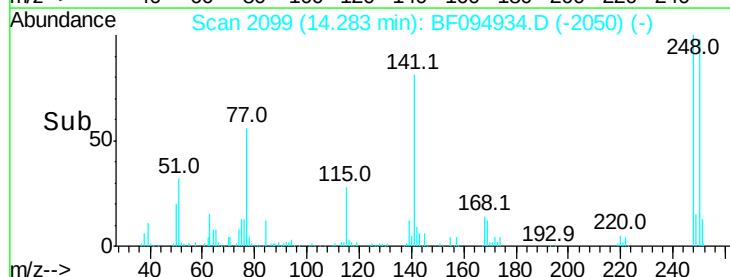
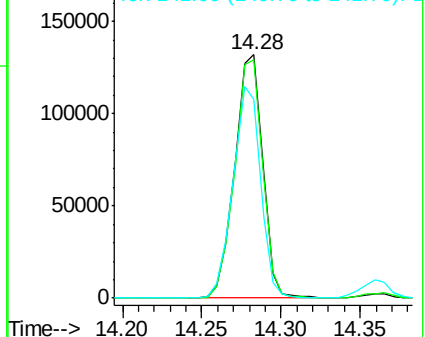
141 81.8 68.6 103.0

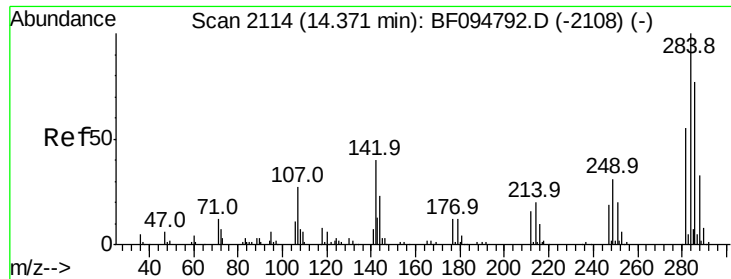


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.42 ng

RT: 14.37 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

ClientSampleId :

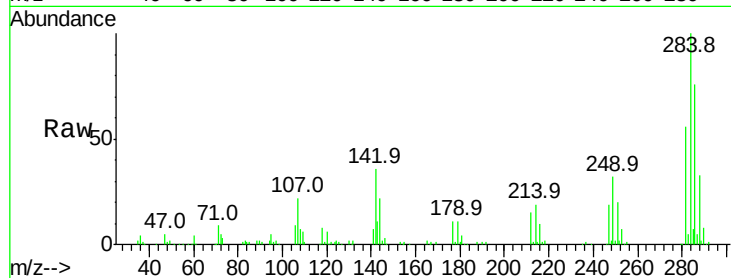
Tot Ion:284 Resp: 164370

Ion Ratio Lower Upper

284 100

142 36.5 22.8 34.2#

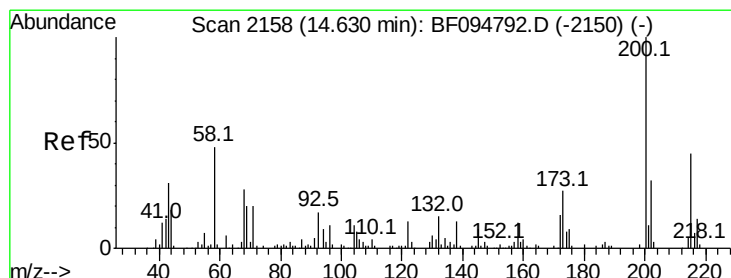
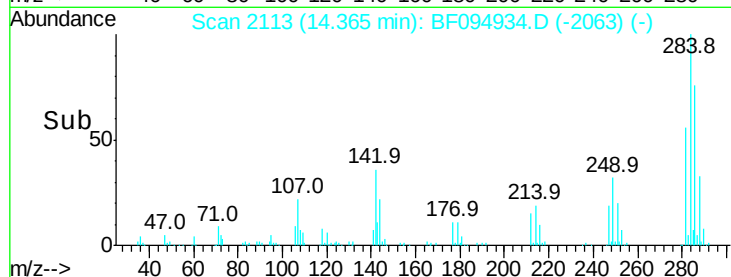
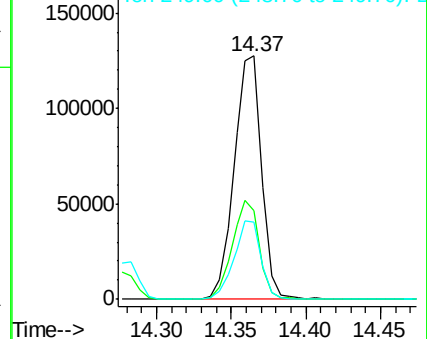
249 31.7 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.81 ng

RT: 14.62 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

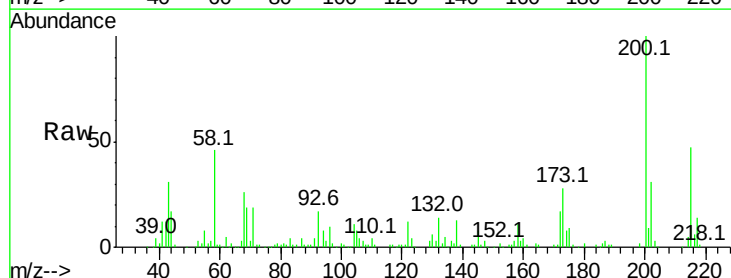
Tgt Ion:200 Resp: 167462

Ion Ratio Lower Upper

200 100

173 27.8 6.3 46.3

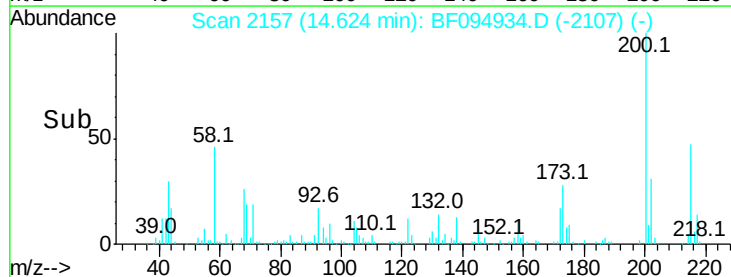
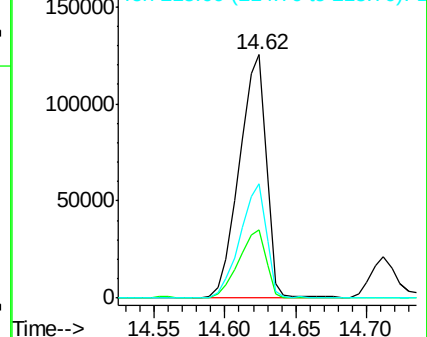
215 46.8 27.2 67.2

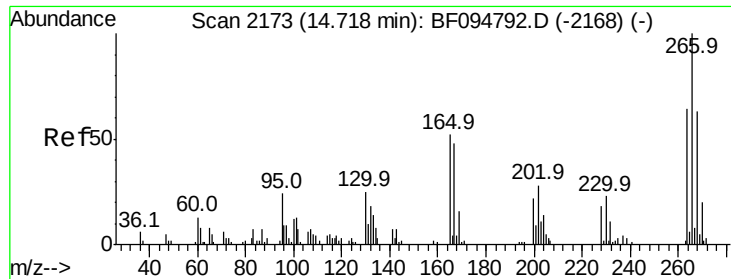


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

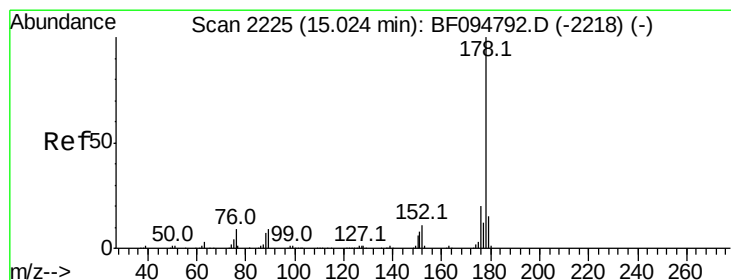
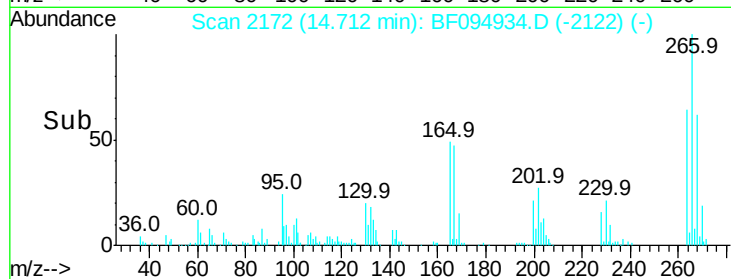
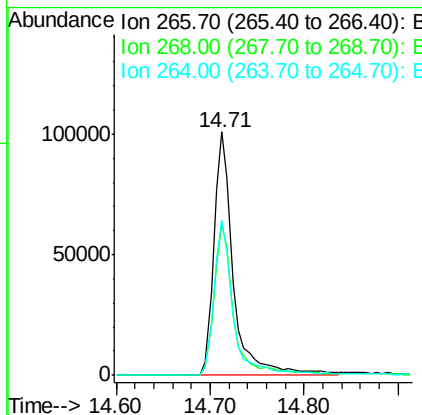
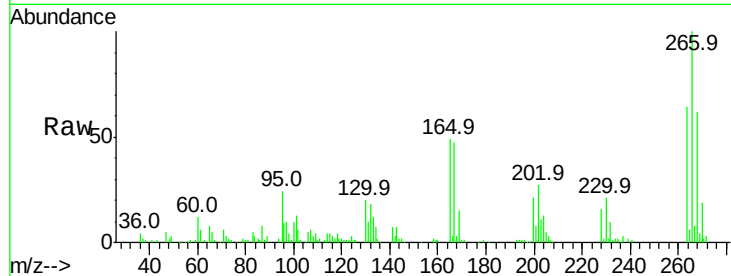




#69
 Pentachlorophenol
 Concen: 88.14 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

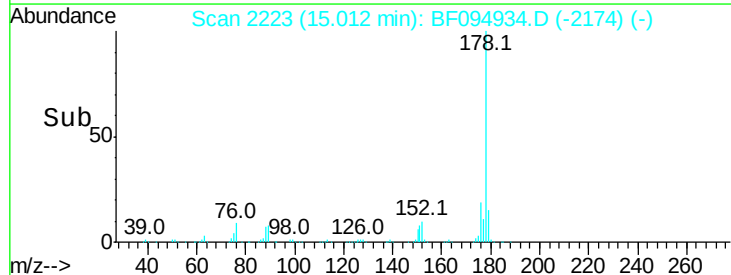
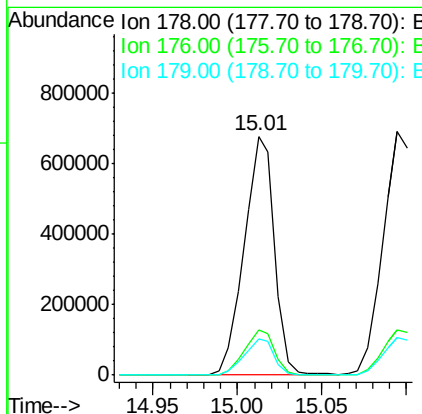
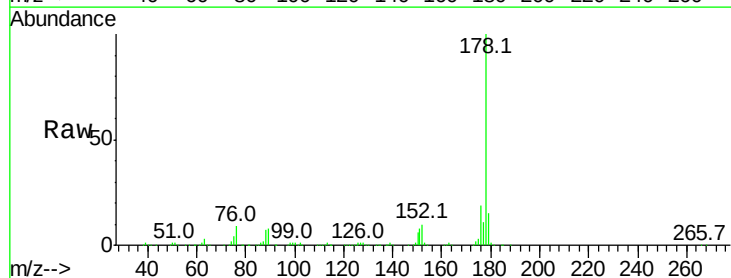
Instrument :
 BNA_F
 ClientSampleId :

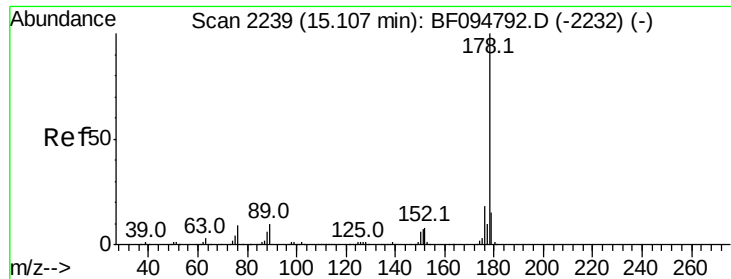
Tot Ion:266 Resp: 148559
 Ion Ratio Lower Upper
 266 100
 268 62.3 51.1 76.7
 264 64.0 51.7 77.5



#70
 Phenanthrene
 Concen: 42.91 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Tgt Ion:178 Resp: 842694
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.2 24.4
 179 15.1 12.6 19.0

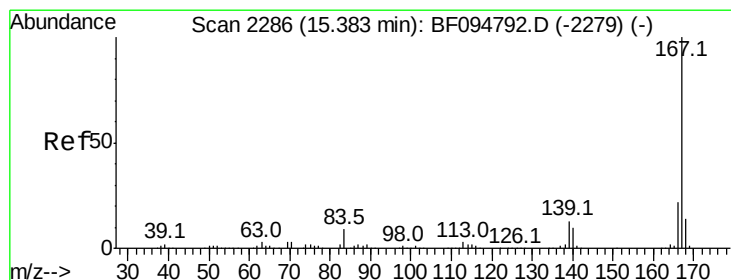
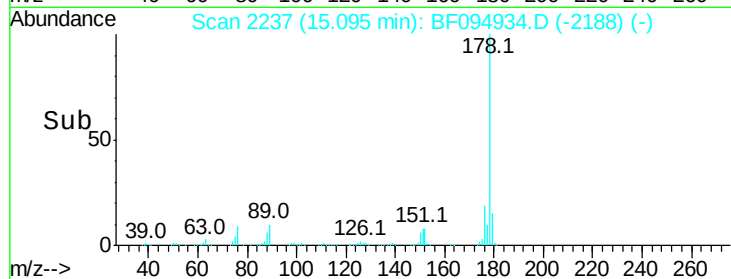
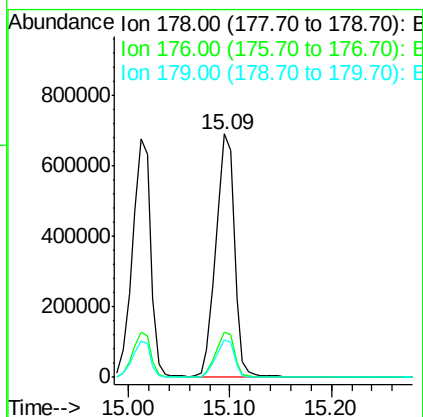
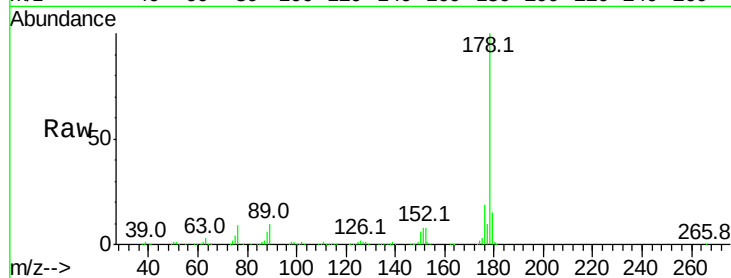




#71
 Anthracene
 Concen: 44.07 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

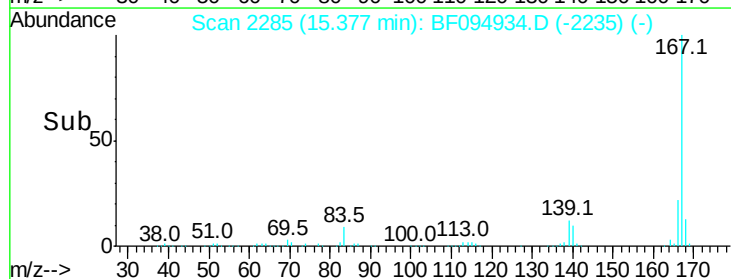
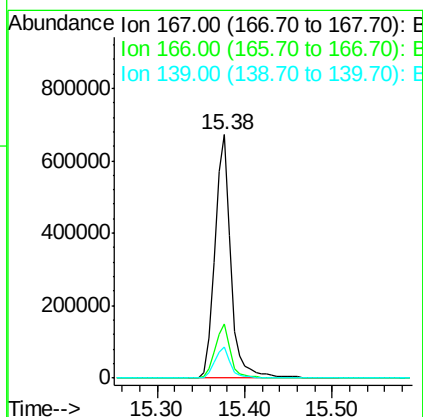
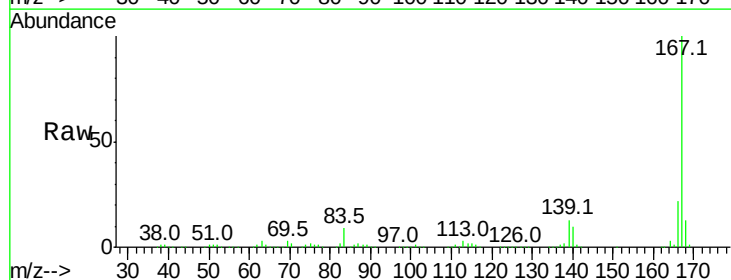
Instrument :
 BNA_F
 ClientSampleId :

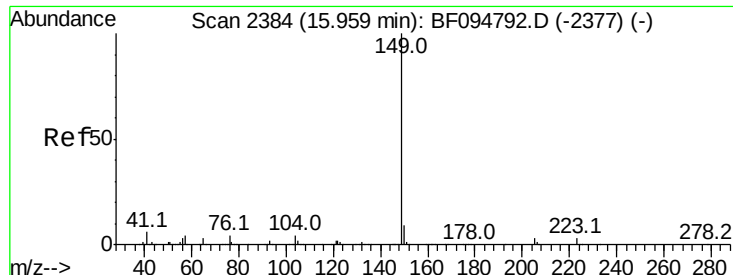
Tot Ion:178 Resp: 883991
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 46.68 ng
 RT: 15.38 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Tgt Ion:167 Resp: 851924
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 12.7 11.7 17.5

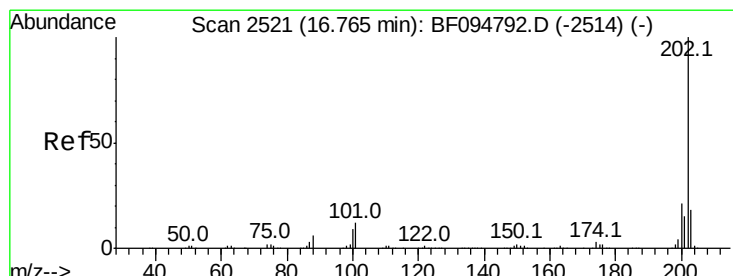
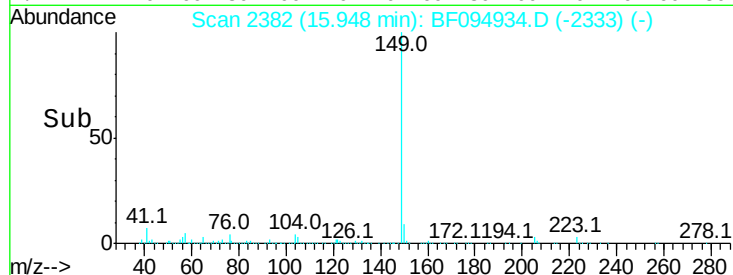
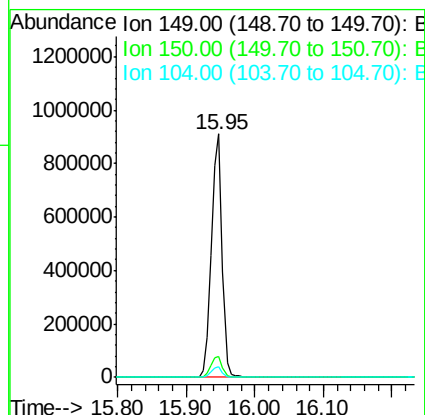
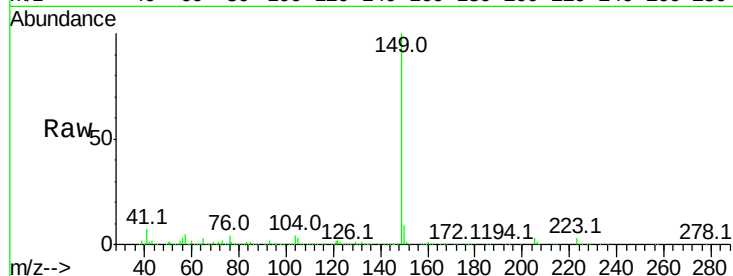




#73
Di-n-butylphthalate
Concen: 44.09 ng
RT: 15.95 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

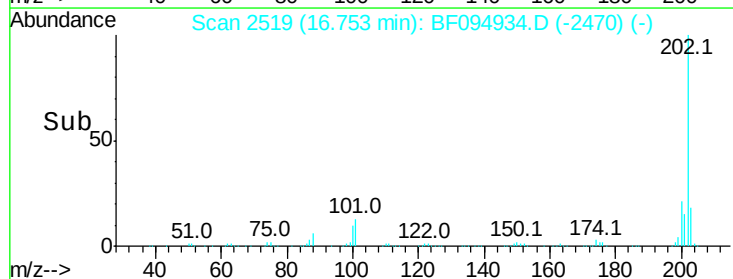
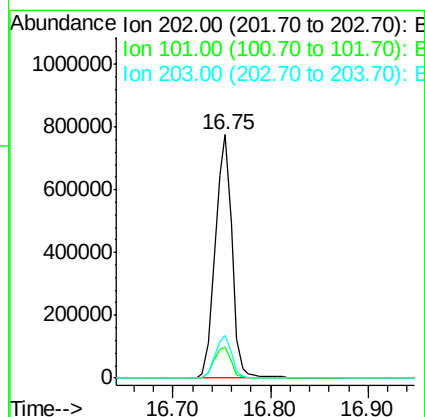
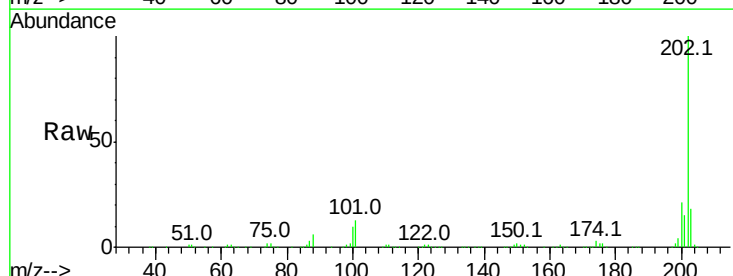
Instrument :
BNA_F
ClientSampleId :

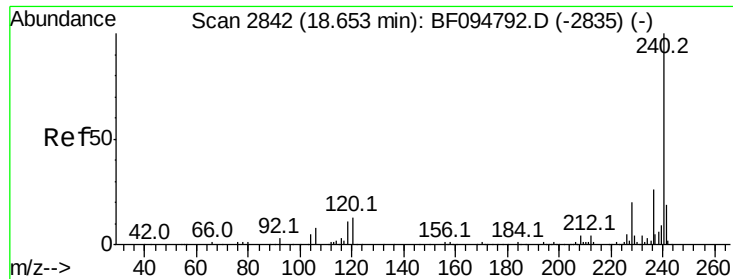
Tot Ion:149 Resp: 1003521
Ion Ratio Lower Upper
149 100
150 8.8 7.7 11.5
104 4.1 4.0 6.0



#74
Fluoranthene
Concen: 45.81 ng
RT: 16.75 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Tgt Ion:202 Resp: 922863
Ion Ratio Lower Upper
202 100
101 12.9 0.0 33.2
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.64 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

ClientSampleId :

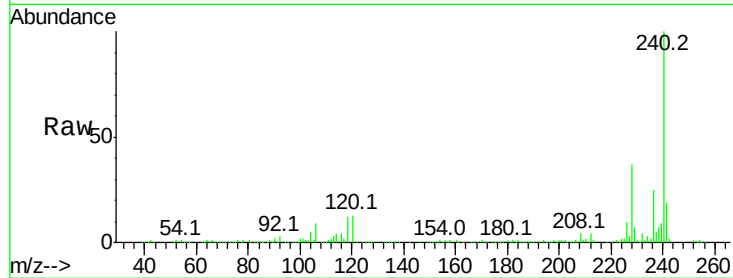
Tot Ion:240 Resp: 288926

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

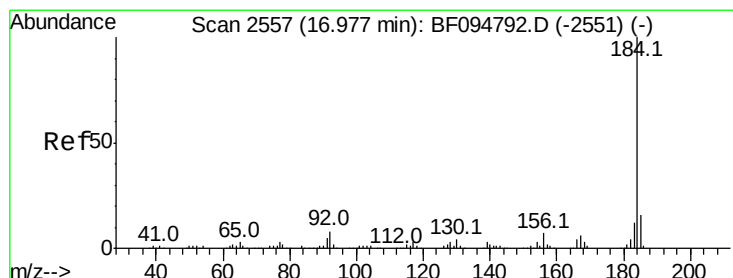
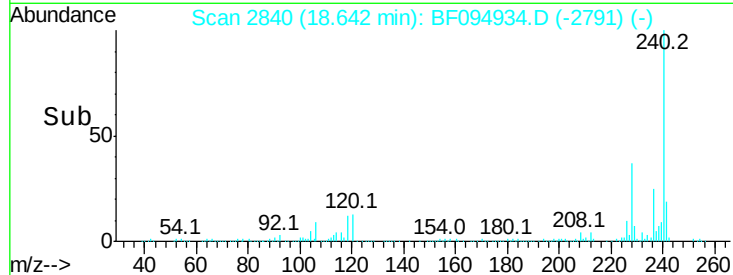
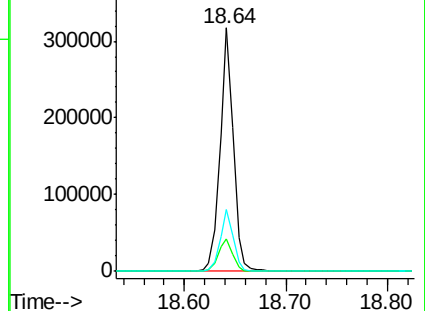
236 25.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 10.53 ng

RT: 16.98 min Scan# 2558

Delta R.T. 0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

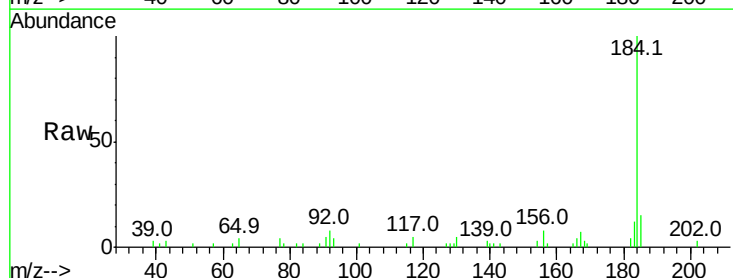
Tgt Ion:184 Resp: 35723

Ion Ratio Lower Upper

184 100

185 15.2 15.5 23.3#

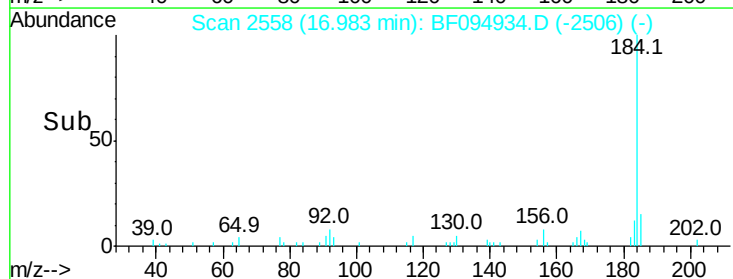
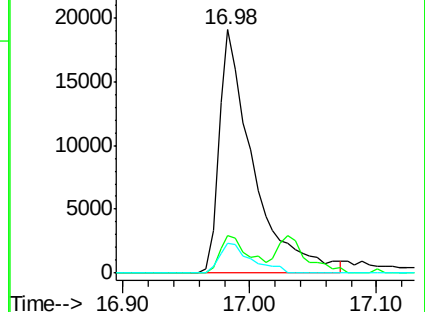
183 12.1 9.8 14.6

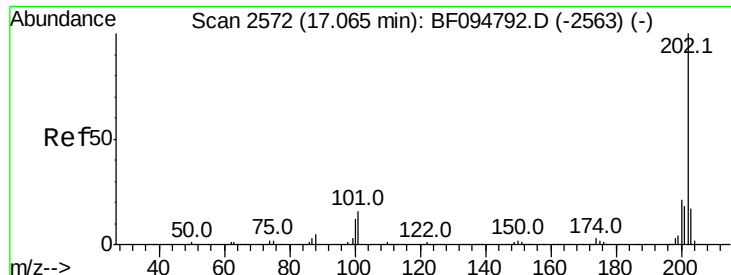


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.98 ng

RT: 17.05 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

ClientSampleId :

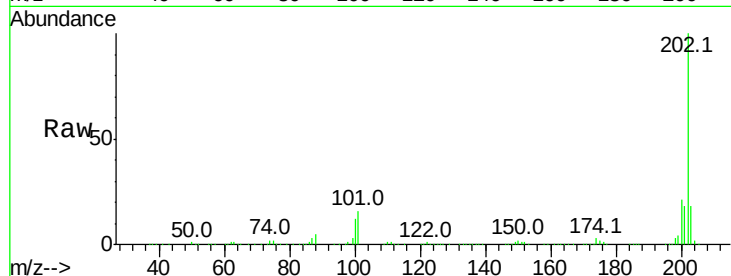
Tot Ion:202 Resp: 950377

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

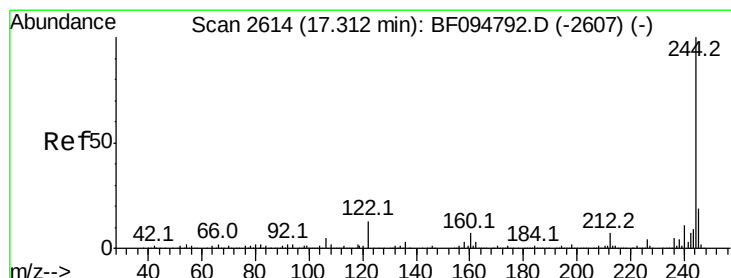
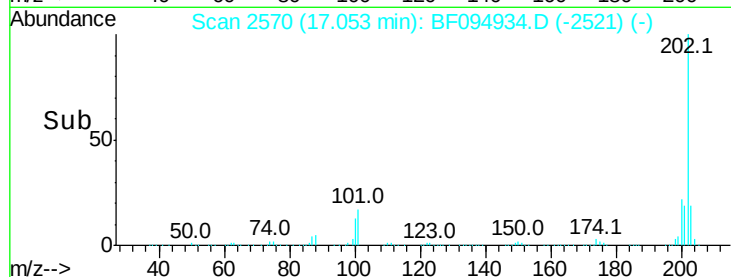
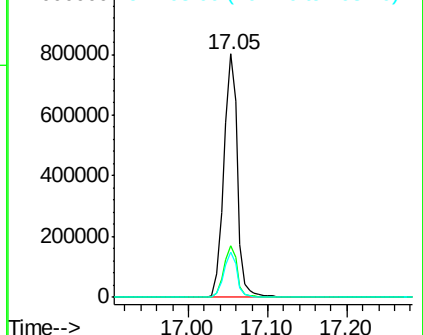
203 18.4 14.4 21.6



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: 75.91 ng

RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

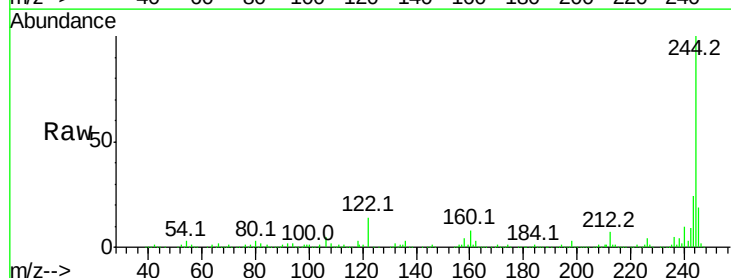
Tgt Ion:244 Resp: 995822

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

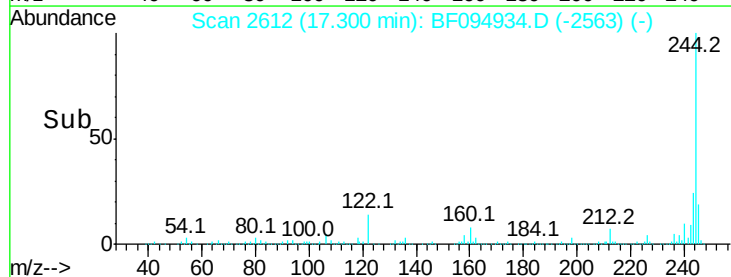
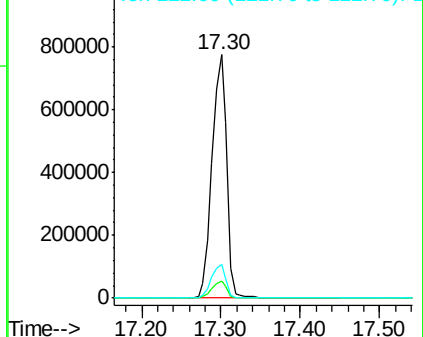
122 13.7 10.3 15.5

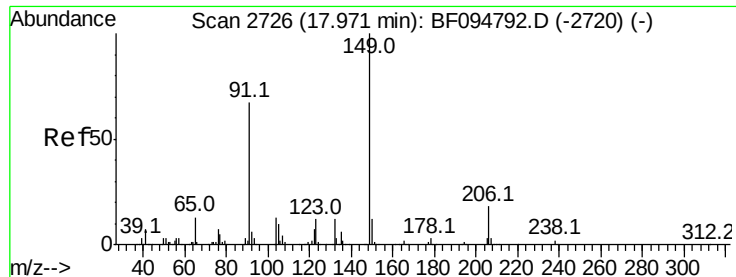


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

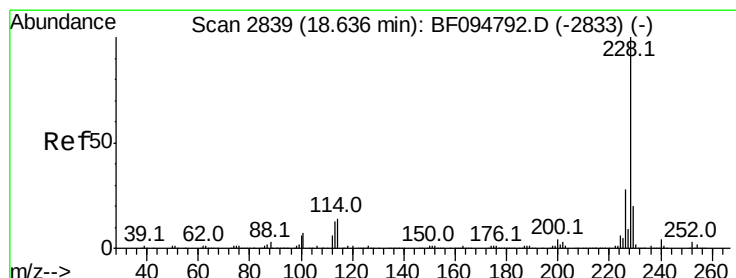
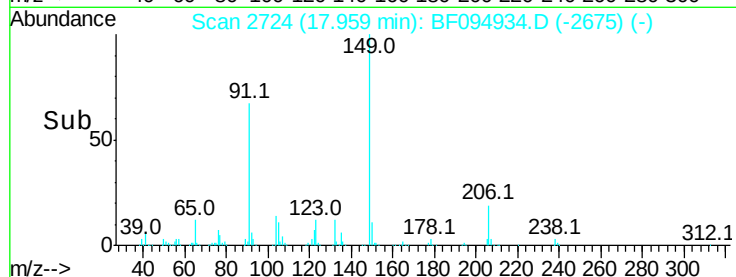
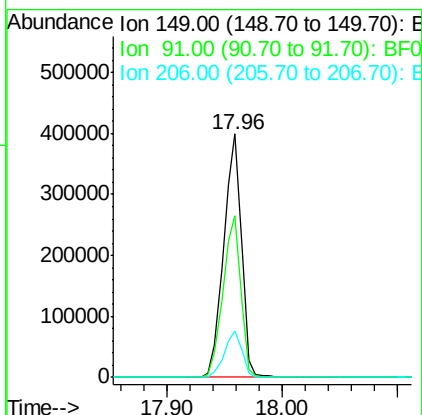
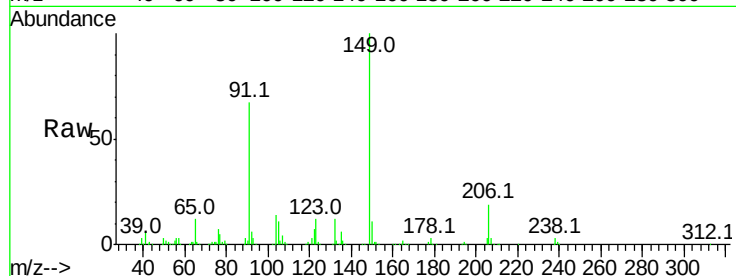




#79
Butylbenzylphthalate
Concen: 42.14 ng
RT: 17.96 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

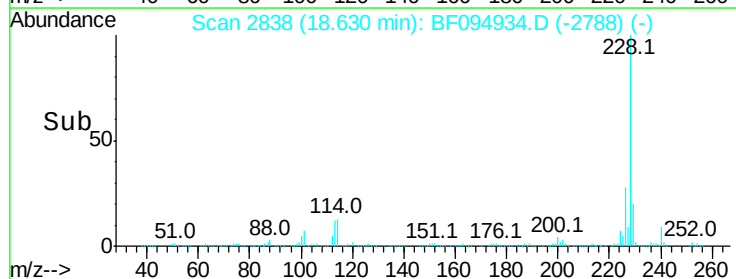
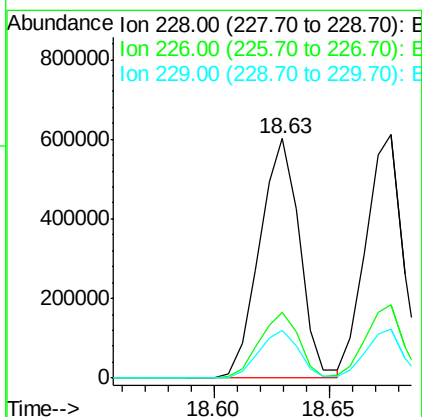
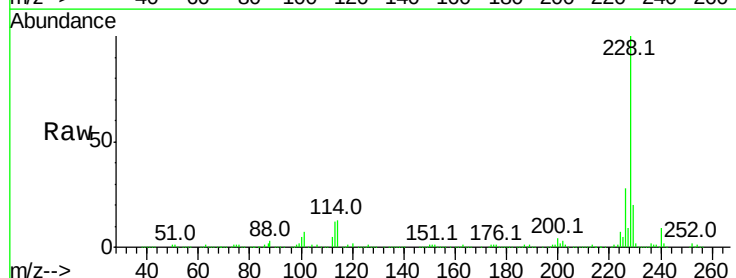
Instrument :
BNA_F
ClientSampleId :

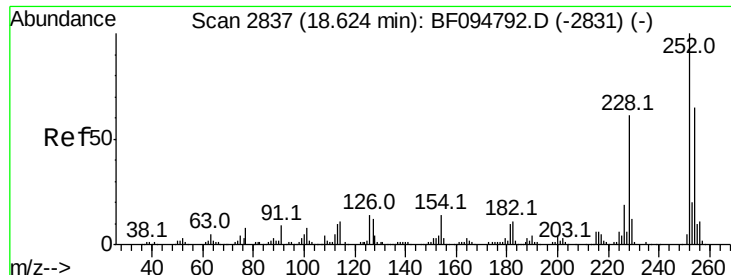
Tot Ion:149 Resp: 423588
Ion Ratio Lower Upper
149 100
91 66.5 45.0 67.4
206 19.3 17.0 25.6



#80
Benzo(a)anthracene
Concen: 43.08 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Tgt Ion:228 Resp: 724382
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 19.7 16.3 24.5

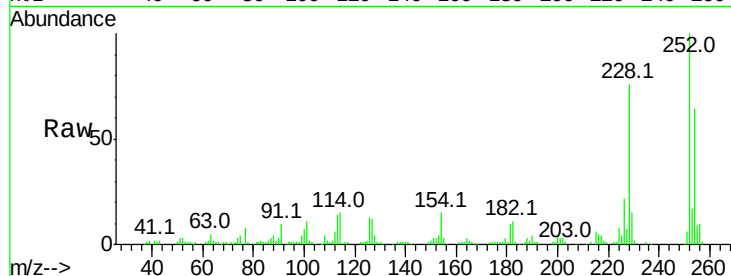




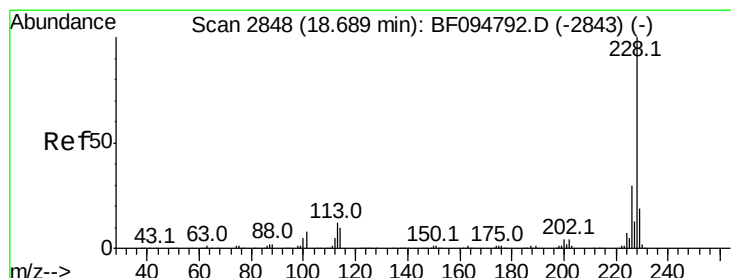
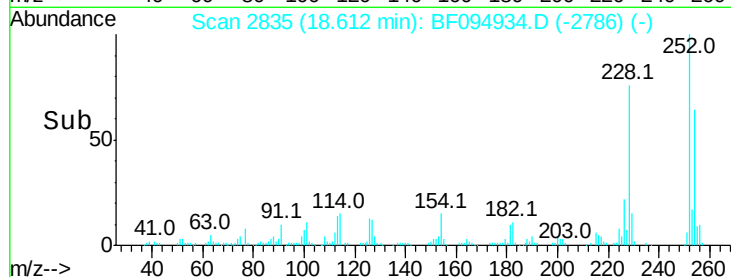
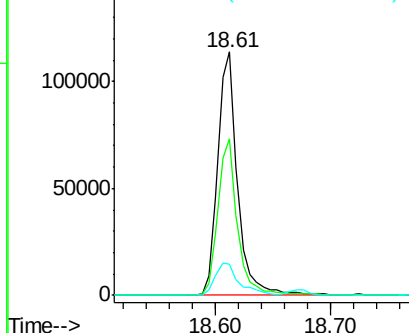
#81
 3,3'-Dichlorobenzidine
 Concen: 23.45 ng
 RT: 18.61 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 136190
 Ion Ratio Lower Upper
 252 100
 254 64.3 51.5 77.3
 126 12.7 15.8 23.8#

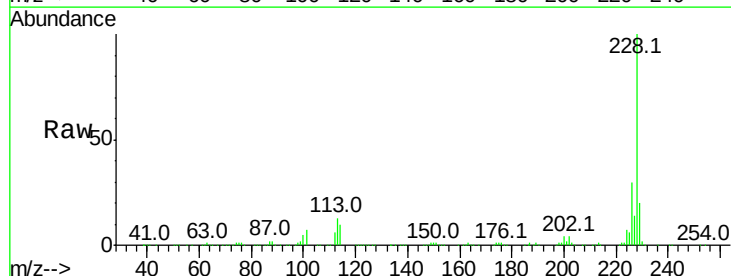


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

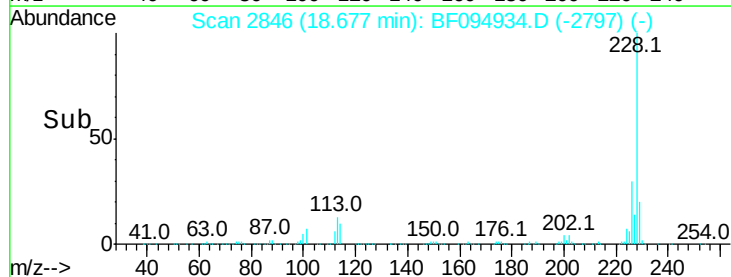
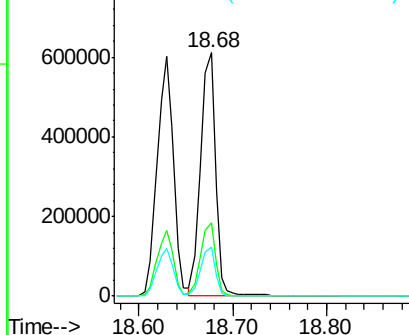


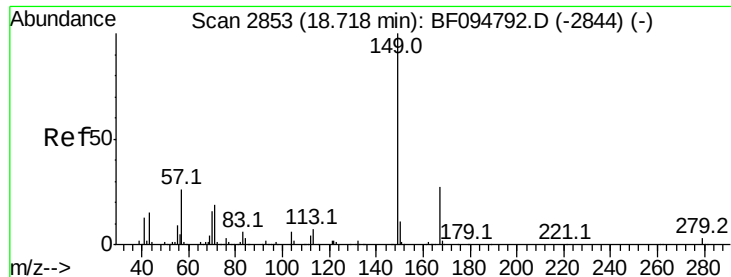
#82
 Chrysene
 Concen: 42.16 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Tgt Ion:228 Resp: 685546
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.9 37.3
 229 19.9 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: 41.63 ng

RT: 18.70 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

ClientSampleId :

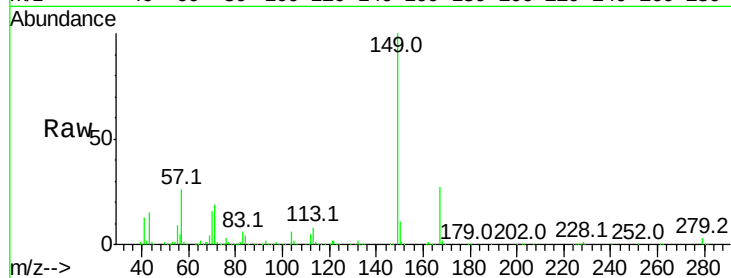
Tot Ion:149 Resp: 596164

Ion Ratio Lower Upper

149 100

167 27.0 21.0 31.4

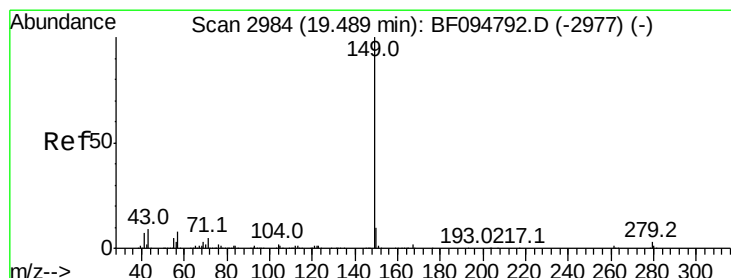
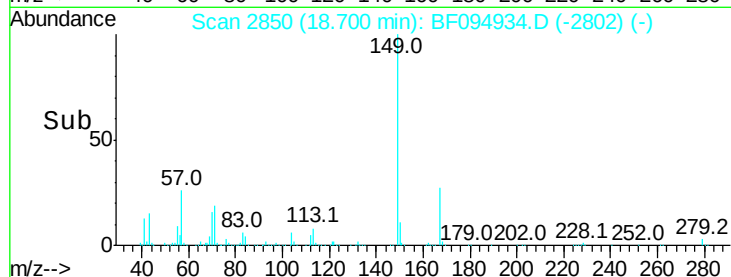
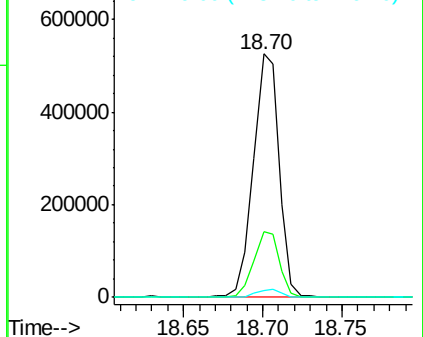
279 3.0 1.9 2.9#



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: 42.88 ng

RT: 19.47 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

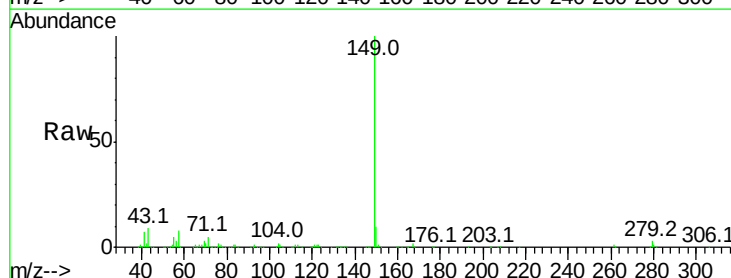
Tgt Ion:149 Resp: 1006856

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

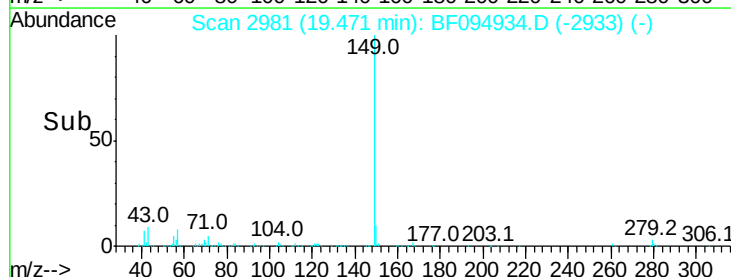
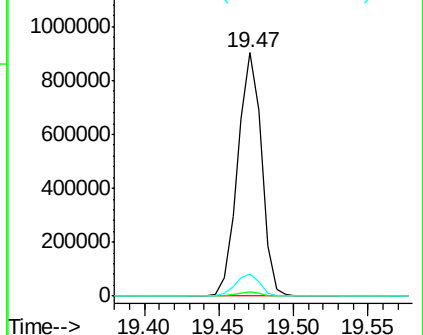
43 9.0 8.5 12.7

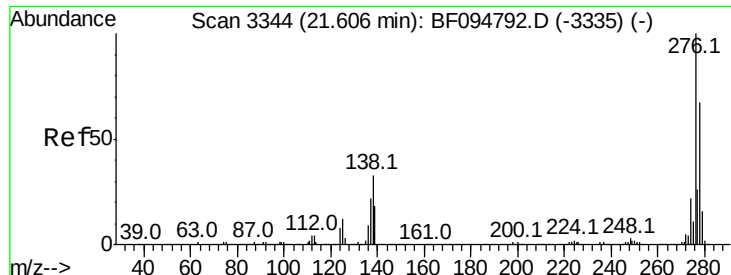


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

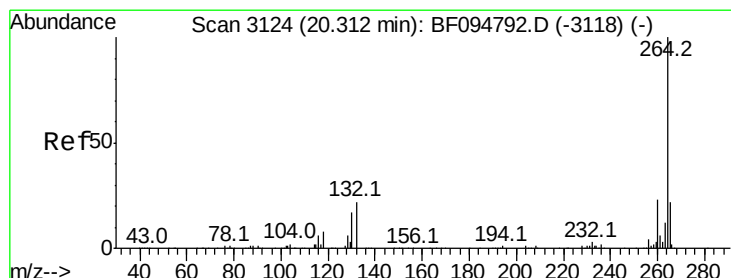
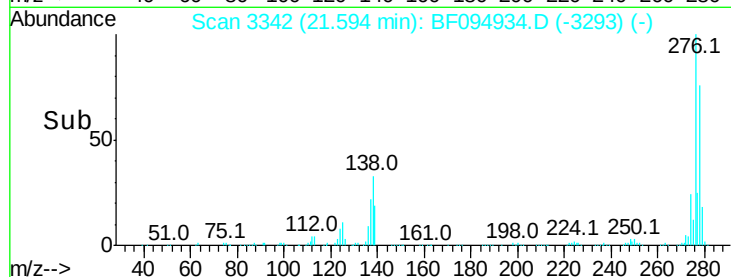
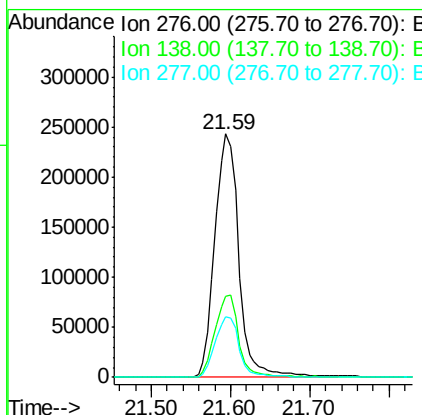
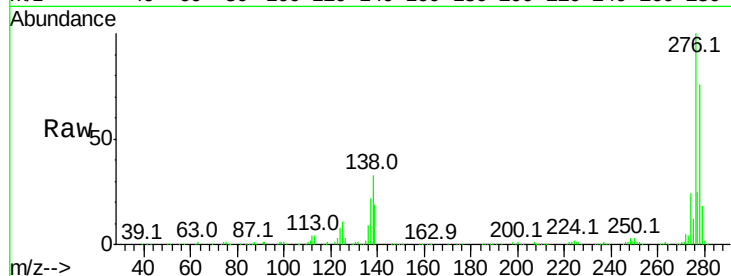




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.93 ng
 RT: 21.59 min Scan# 3342
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

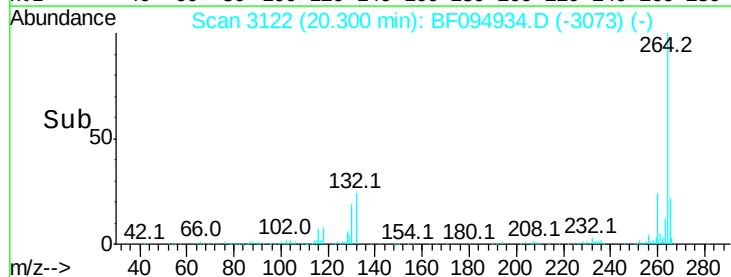
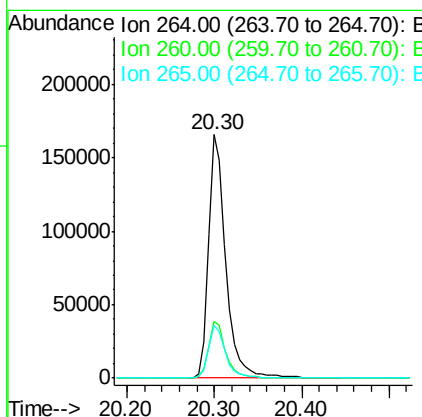
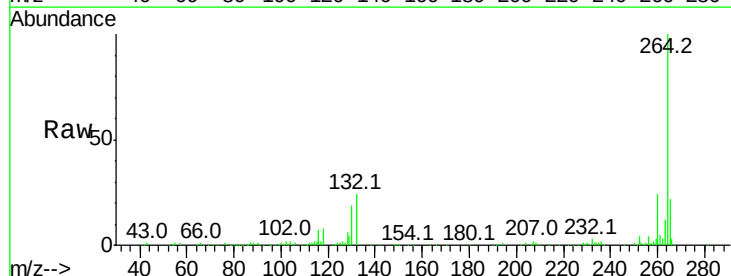
Instrument :
 BNA_F
 ClientSampleId :

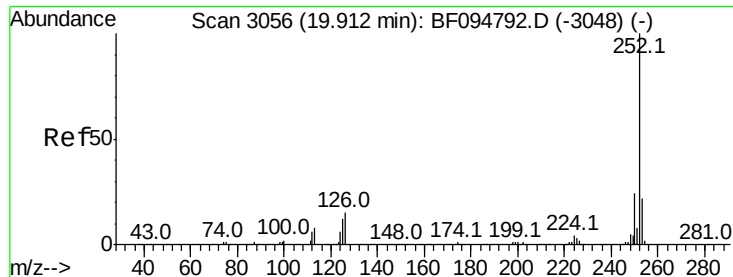
Tot Ion:276 Resp: 514076
 Ion Ratio Lower Upper
 276 100
 138 33.7 27.8 41.6
 277 25.4 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094934.D
 Acq: 6 May 2017 00:28

Tgt Ion:264 Resp: 227414
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.8 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 43.18 ng

RT: 19.90 min Scan# 3054

Delta R.T. -0.01 min

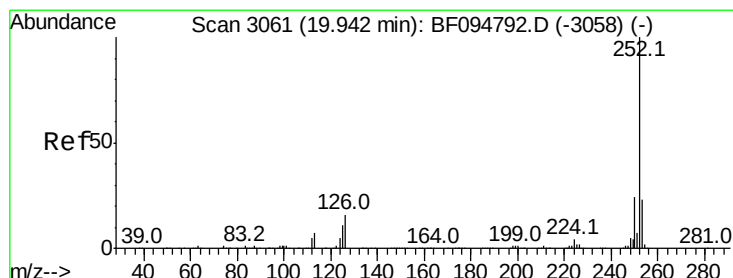
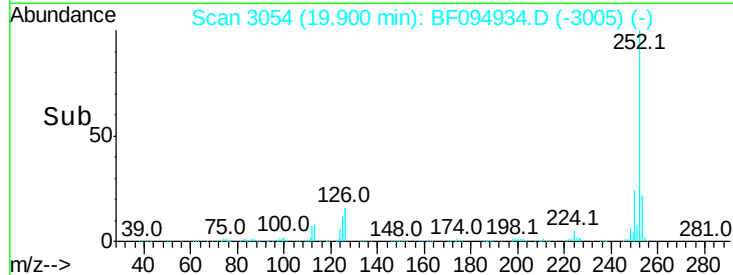
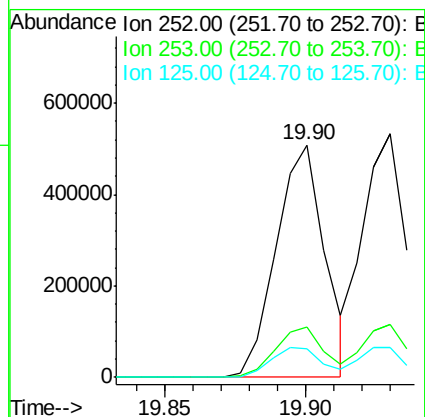
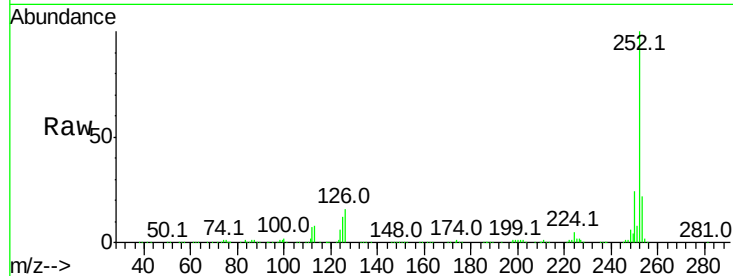
Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 606718

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	12.2	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 44.13 ng

RT: 19.93 min Scan# 3059

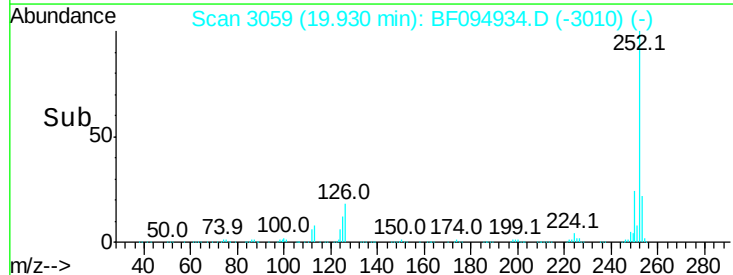
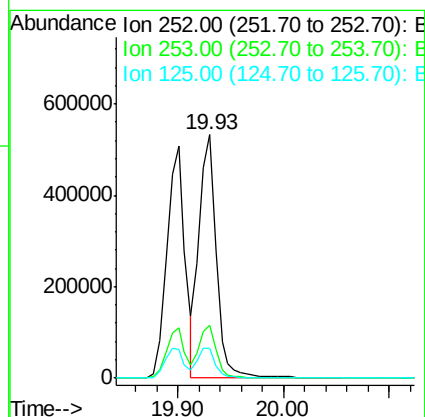
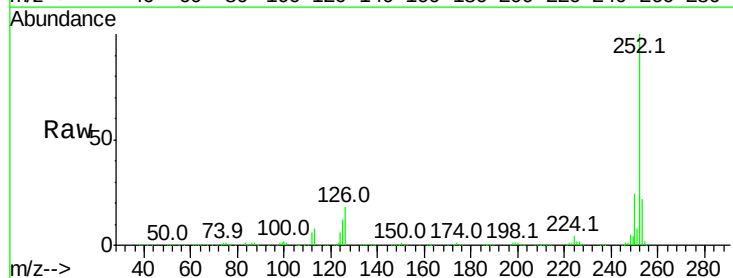
Delta R.T. -0.01 min

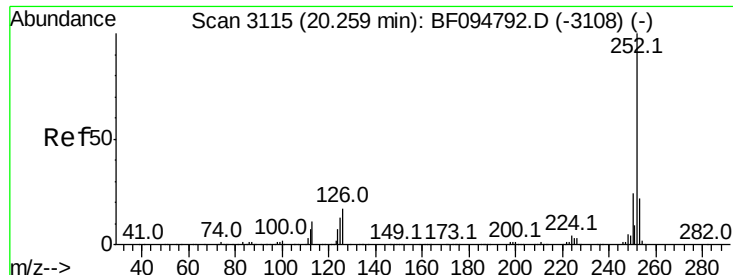
Lab File: BF094934.D

Acq: 6 May 2017 00:28

Tgt Ion:252 Resp: 598128

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	12.2	13.1	19.7#

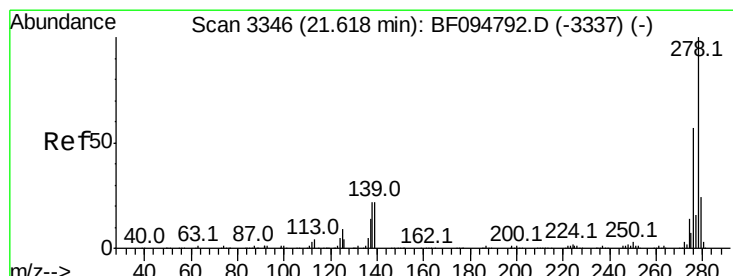
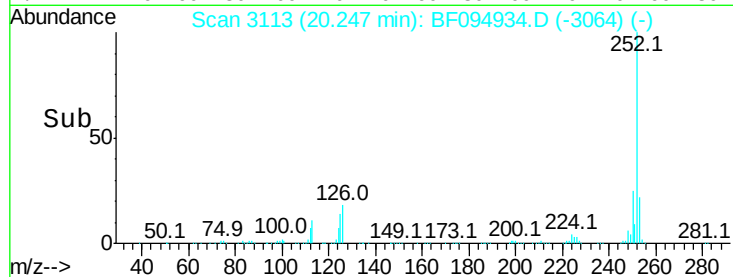
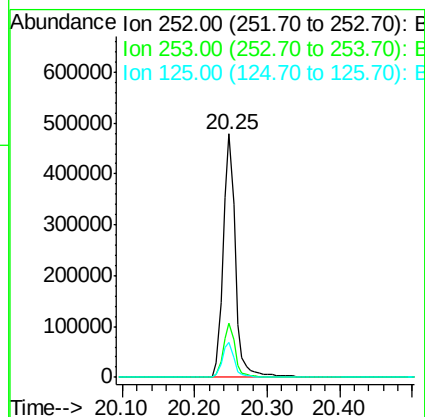
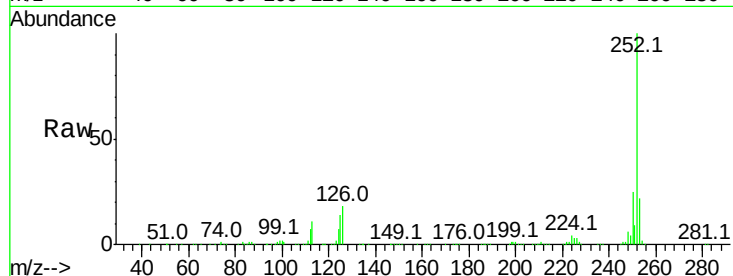




#89
Benzo(a)pyrene
Concen: 42.88 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

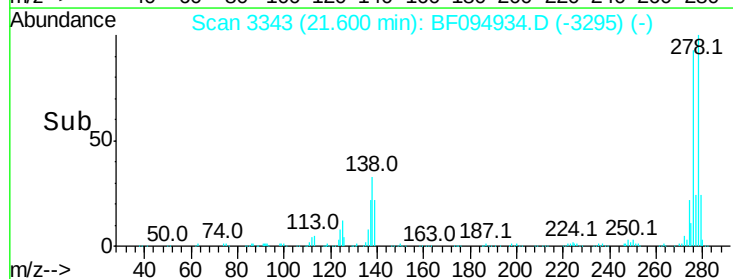
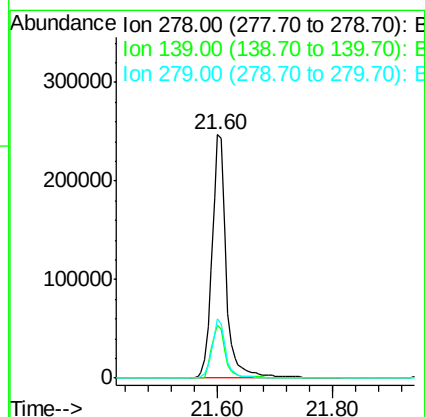
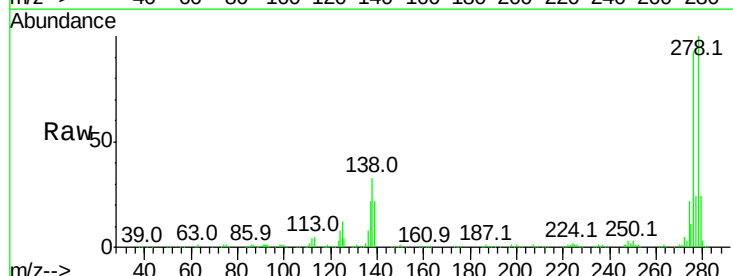
Instrument :
BNA_F
ClientSampleId :

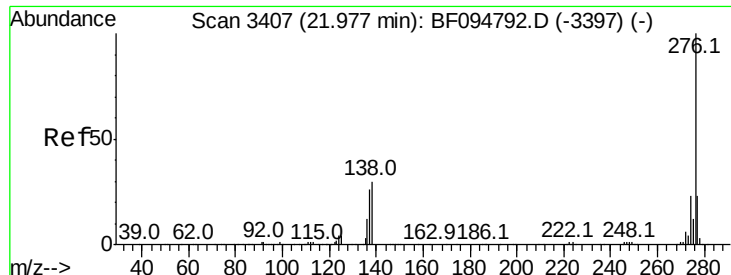
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	14.1	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 40.00 ng
RT: 21.60 min Scan# 3343
Delta R.T. -0.02 min
Lab File: BF094934.D
Acq: 6 May 2017 00:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	16.6	24.8
279	24.4	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 42.80 ng

RT: 21.96 min Scan# 3405

Delta R.T. -0.01 min

Lab File: BF094934.D

Acq: 6 May 2017 00:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 449745

Ion Ratio Lower Upper

276 100

277 22.5 18.6 28.0

138 28.9 25.4 38.0

