

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
 Data File : BF094963.D
 Acq On : 8 May 2017 1:59
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 07:56:47 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	159627	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	652607	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	267760	20.00	ng	-0.01
63) Phenanthrene-d10	14.98	188	517183	20.00	ng	0.00
75) Chrysene-d12	18.64	240	356646	20.00	ng	-0.01
86) Perylene-d12	20.31	264	318590	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	779207	81.38	ng	-0.02
7) Phenol-d6	7.27	99	902626	78.57	ng	-0.01
23) Nitrobenzene-d5	8.63	82	825709	79.78	ng	0.00
41) 2,4,6-Tribromophenol	13.88	330	198069	90.32	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	1499008	80.58	ng	0.00
78) Terphenyl-d14	17.31	244	1284727	79.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	207968	44.29	ng	95
3) Pyridine	2.72	79	407014	37.40	ng	95
4) n-Nitrosodimethylamine	2.67	42	174817	38.54	ng	84
6) Aniline	7.22	93	596637	41.14	ng	97
8) 2-Chlorophenol	7.41	128	438255	40.22	ng	95
9) Benzaldehyde	7.03	77	258067	36.79	ng	100
10) Phenol	7.28	94	477651	39.46	ng	91
11) bis(2-Chloroethyl)ether	7.36	93	381677	38.19	ng	96
12) 1,3-Dichlorobenzene	7.62	146	485931	39.31	ng	99
13) 1,4-Dichlorobenzene	7.75	146	493397	39.36	ng	97
14) 1,2-Dichlorobenzene	7.98	146	466082	39.83	ng	96
15) Benzyl Alcohol	8.01	79	357089	48.33	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	527445	37.29	ng	# 38
17) 2-Methylphenol	8.22	107	357819	40.12	ng	# 93
18) Hexachloroethane	8.50	117	163520	38.50	ng	# 85
19) n-Nitroso-di-n-propylamine	8.44	70	298184	38.38	ng	96
20) 3+4-Methylphenols	8.48	107	470225	38.80	ng	# 63
22) Acetophenone	8.40	105	612277	39.10	ng	# 84
24) Nitrobenzene	8.66	77	437005	40.29	ng	94
25) Isophorone	9.06	82	809975	43.83	ng	95
26) 2-Nitrophenol	9.16	139	248815	42.51	ng	97
27) 2,4-Dimethylphenol	9.30	122	381984	40.36	ng	98
28) bis(2-Chloroethoxy)methane	9.42	93	495287	38.74	ng	99
29) 2,4-Dichlorophenol	9.57	162	370883	41.51	ng	99
30) 1,2,4-Trichlorobenzene	9.67	180	369186	38.56	ng	99
31) Naphthalene	9.78	128	1207477	36.81	ng	100
32) Benzoic acid	9.64	122	252201	41.37	ng	92
33) 4-Chloroaniline	9.91	127	501508	41.03	ng	94
34) Hexachlorobutadiene	10.00	225	184919	36.61	ng	98
36) 4-Chloro-3-methylphenol	10.77	107	385003	40.30	ng	89
37) 2-Methylnaphthalene	10.91	142	857142	39.82	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	342013	41.54	ng	99
40) Hexachlorocyclopentadiene	11.16	237	126205	39.75	ng	99
42) 2,4,6-Trichlorophenol	11.40	196	246411	44.82	ng	98

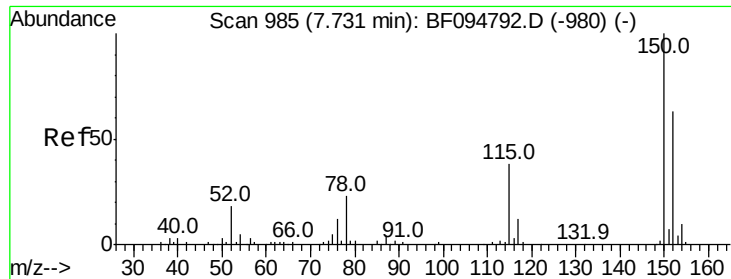
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	11.48	196	243155	41.15	nq	93
45) 1,1'-Biphenyl	11.67	154	936037	41.52	nq	98
46) 2-Chloronaphthalene	11.69	162	740913	40.70	nq	96
47) 2-Nitroaniline	11.90	65	214680	43.09	nq	# 80
48) Acenaphthylene	12.35	152	1135233	39.82	nq	99
49) Dimethylphthalate	12.22	163	841037	38.26	nq	99
50) 2,6-Dinitrotoluene	12.31	165	187041	41.71	nq	91
51) Acenaphthene	12.63	154	676293	39.71	nq	99
52) 3-Nitroaniline	12.58	138	200225	41.60	nq	91
53) 2,4-Dinitrophenol	12.78	184	92187	40.66	nq	# 67
54) Dibenzofuran	12.92	168	1046621	44.41	nq	98
55) 4-Nitrophenol	12.96	139	134471	46.51	nq	# 73
56) 2,4-Dinitrotoluene	12.98	165	257021	44.60	nq	# 89
57) Fluorene	13.47	166	864107	42.17	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	184145	49.52	nq	95
59) Diethylphthalate	13.37	149	846735	40.19	nq	99
60) 4-Chlorophenyl-phenylether	13.49	204	376190	41.77	nq	93
61) 4-Nitroaniline	13.59	138	200409	45.35	nq	96
62) Azobenzene	13.75	77	807598	47.70	nq	95
64) 4,6-Dinitro-2-methylphenol	13.64	198	142465	41.09	nq	# 67
65) n-Nitrosodiphenylamine	13.71	169	713558	38.01	nq	99
66) 4-Bromophenyl-phenylether	14.28	248	215188	39.38	nq	98
67) Hexachlorobenzene	14.37	284	215124	38.42	nq	# 87
68) Atrazine	14.62	200	195199	36.83	nq	95
69) Pentachlorophenol	14.71	266	94686	40.52	nq	96
70) Phenanthrene	15.02	178	1150308	38.71	nq	99
71) Anthracene	15.10	178	1197038	39.44	nq	99
72) Carbazole	15.38	167	1116049	40.41	nq	98
73) Di-n-butylphthalate	15.95	149	1337927	38.85	nq	98
74) Fluoranthene	16.75	202	1180558	38.73	nq	99
76) Benzidine	16.97	184	615007	61.60	nq	95
77) Pyrene	17.06	202	1185894	44.46	nq	99
79) Butylbenzylphthalate	17.96	149	581991	46.91	nq	# 86
80) Benzo(a)anthracene	18.63	228	834978	40.23	nq	98
81) 3,3'-Dichlorobenzidine	18.61	252	275687	38.46	nq	# 96
82) Chrysene	18.68	228	786313	39.18	nq	98
83) Bis(2-ethylhexyl)phthalate	18.70	149	738056	41.75	nq	# 99
84) Di-n-octyl phthalate	19.47	149	1192157	41.14	nq	96
85) Indeno(1,2,3-cd)pyrene	21.61	276	817654	50.17	nq	99
87) Benzo(b)fluoranthene	19.90	252	708132	35.97	nq	99
88) Benzo(k)fluoranthene	19.93	252	743559	39.16	nq	96
89) Benzo(a)pyrene	20.25	252	720854	39.68	nq	99
90) Dibenzo(a,h)anthracene	21.61	278	670672	44.70	nq	99
91) Benzo(g,h,i)perylene	21.98	276	722709	49.09	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

Instrument :

BNA_F

ClientSampleId :

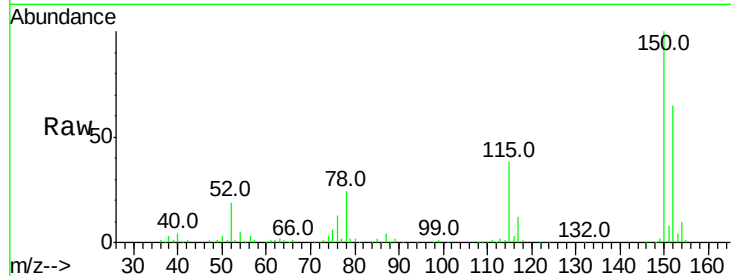
Tot Ion:152 Resp: 159627

Ion Ratio Lower Upper

152 100

150 154.1 126.2 189.2

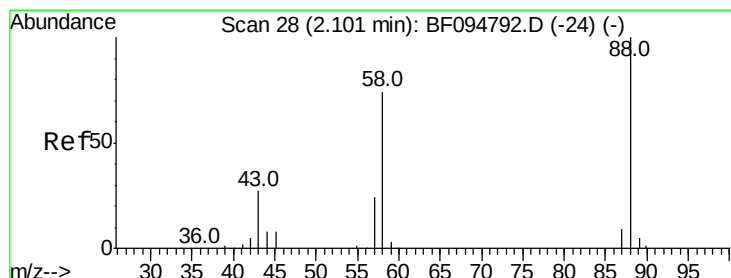
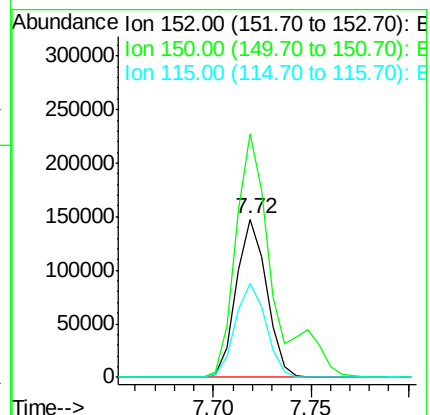
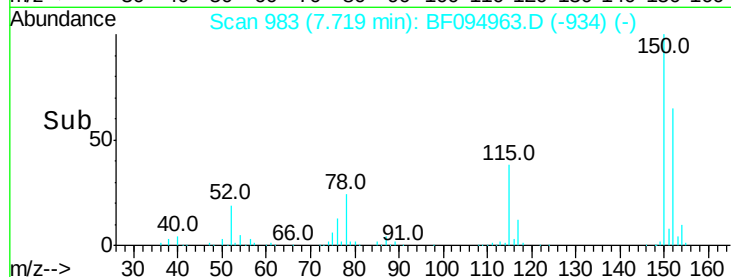
115 59.2 52.2 78.2



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: 44.29 ng

RT: 2.06 min Scan# 21

Delta R.T. -0.04 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

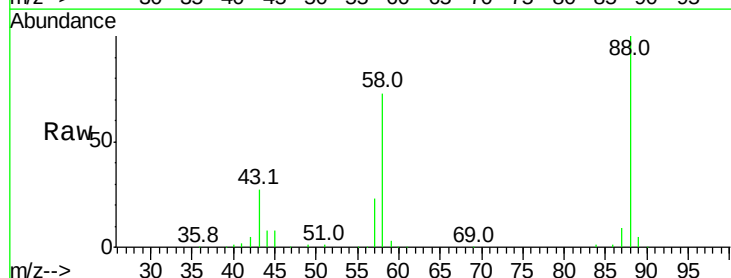
Tgt Ion: 88 Resp: 207968

Ion Ratio Lower Upper

88 100

58 72.3 61.4 92.0

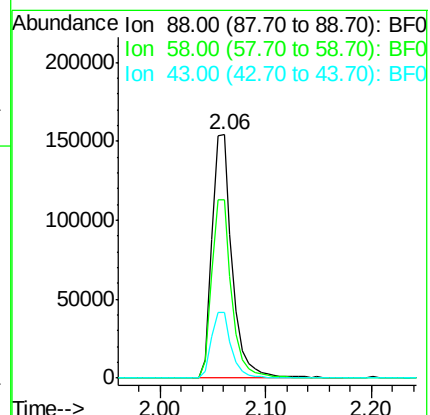
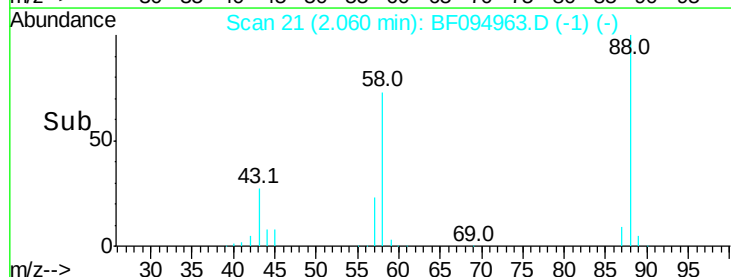
43 26.8 23.4 35.0

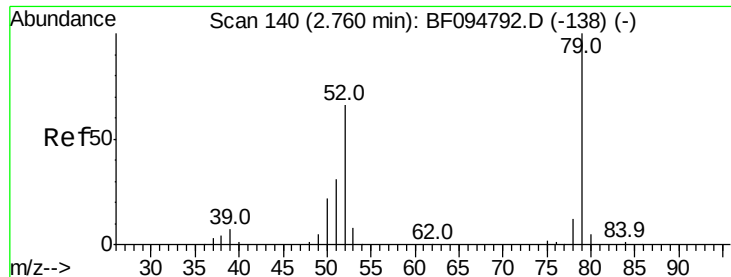


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.40 ng

RT: 2.72 min Scan# 133

Delta R.T. -0.04 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

Instrument :

BNA_F

ClientSampled :

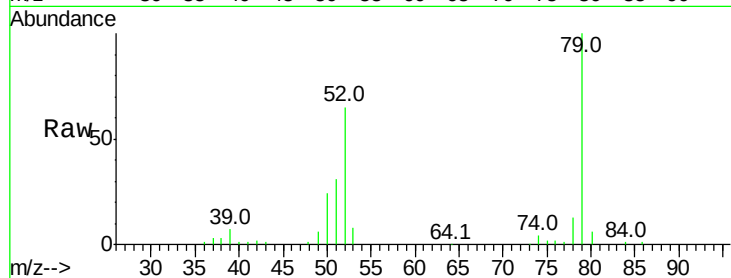
Tot Ion: 79 Resp: 407014

Ion Ratio Lower Upper

79 100

52 64.5 54.8 82.2

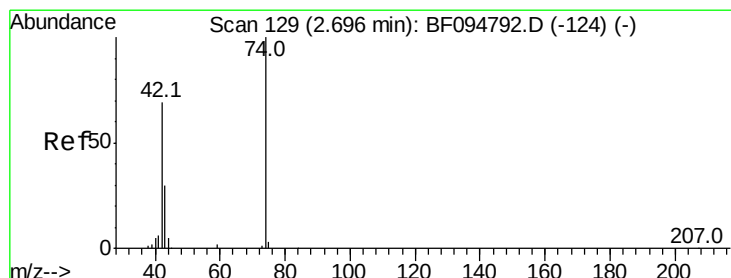
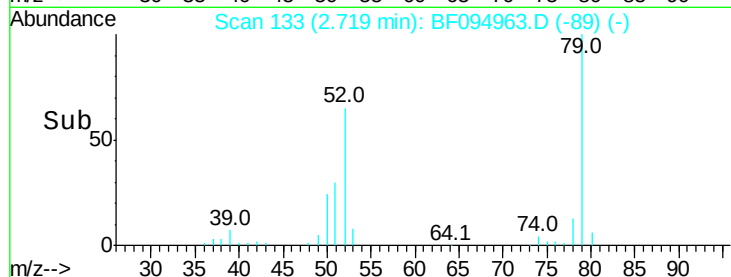
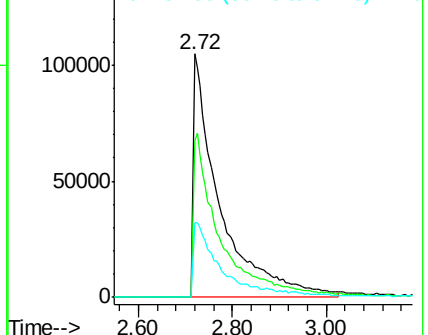
51 30.8 27.0 40.4



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: 38.54 ng

RT: 2.67 min Scan# 124

Delta R.T. -0.03 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

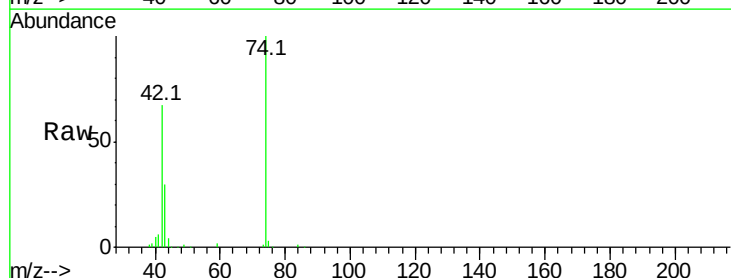
Tgt Ion: 42 Resp: 174817

Ion Ratio Lower Upper

42 100

74 149.8 103.9 155.9

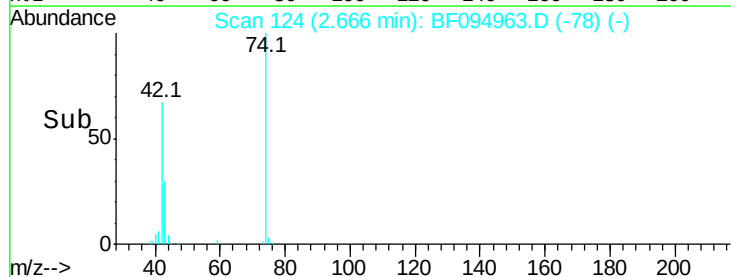
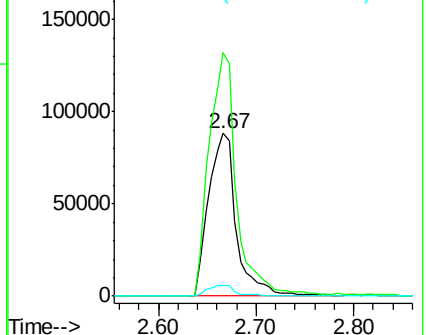
44 6.5 5.7 8.5

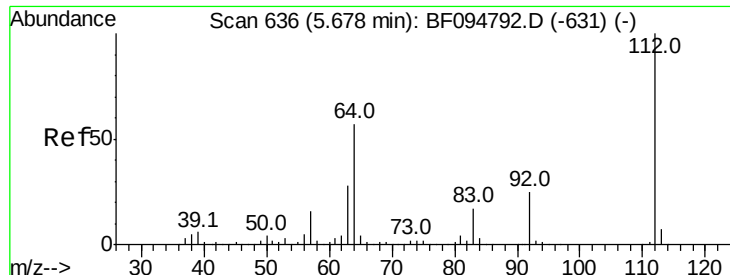


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 81.38 ng

RT: 5.65 min Scan# 632

Delta R.T. -0.02 min

Lab File: BF094963.D

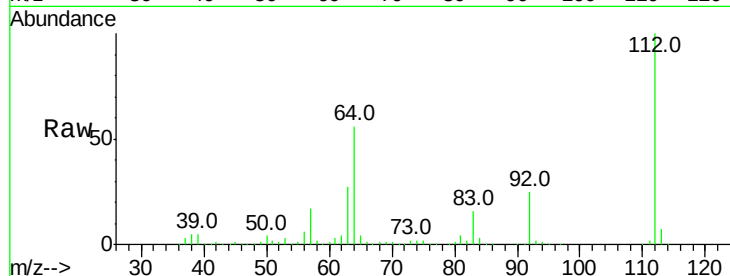
Acq: 8 May 2017 1:59

Instrument :

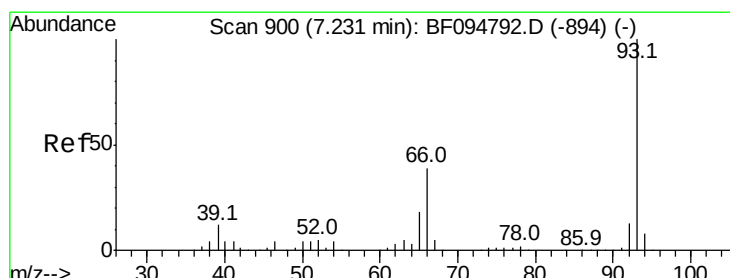
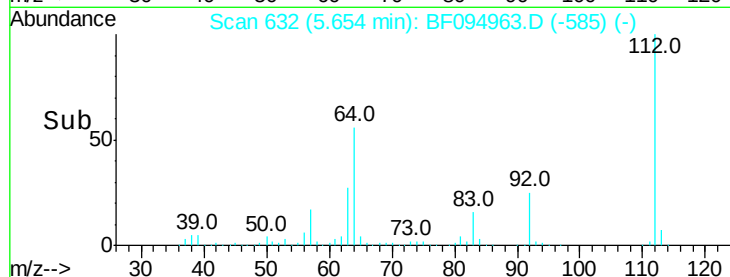
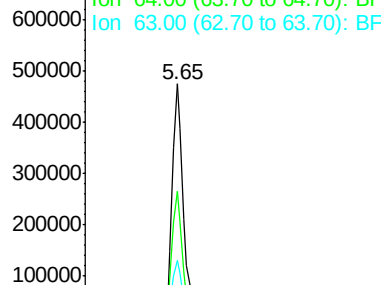
BNA_F

ClientSampled :

Tot Ion:	112	Resp:	779207
Ion Ratio	Lower	Upper	
112	100		
64	56.0	46.0	69.0
63	27.3	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 41.14 ng

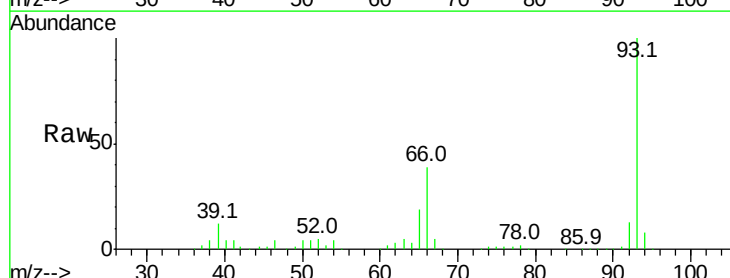
RT: 7.22 min Scan# 899

Delta R.T. -0.01 min

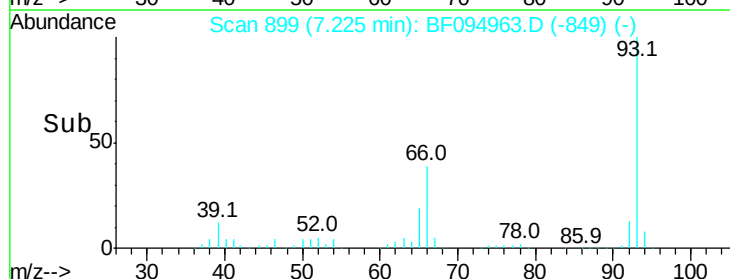
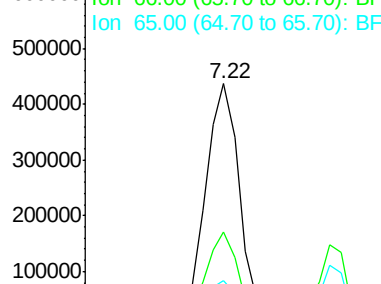
Lab File: BF094963.D

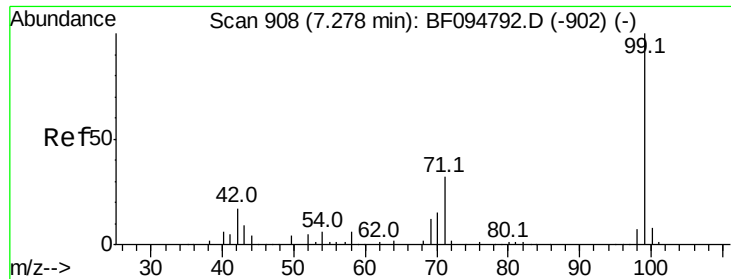
Acq: 8 May 2017 1:59

Tgt Ion:	93	Resp:	596637
Ion Ratio	Lower	Upper	
93	100		
66	38.8	32.9	49.3
65	18.9	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 78.57 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

Instrument :

BNA_F

ClientSampleId :

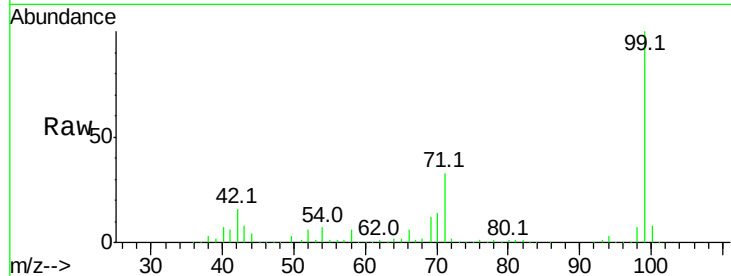
Tot Ion: 99 Resp: 902626

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

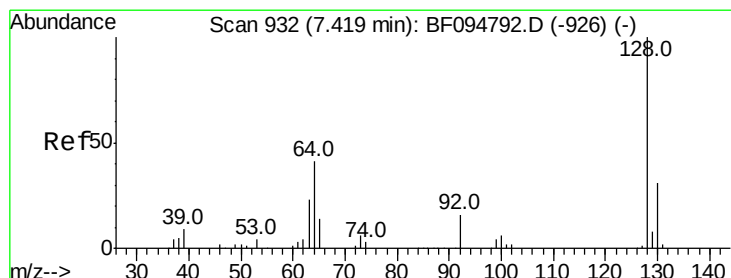
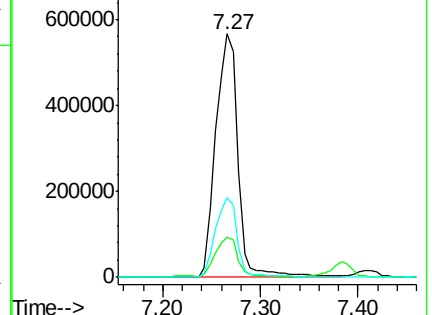
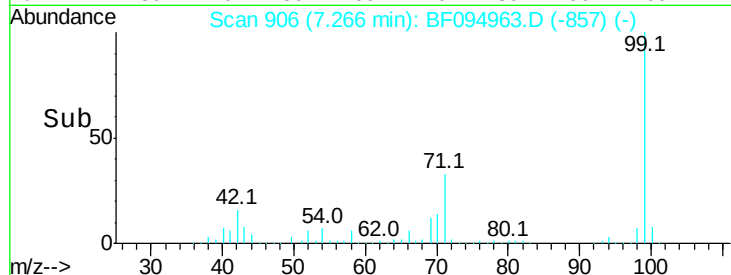
71 32.6 24.5 36.7



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: 40.22 ng

RT: 7.41 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

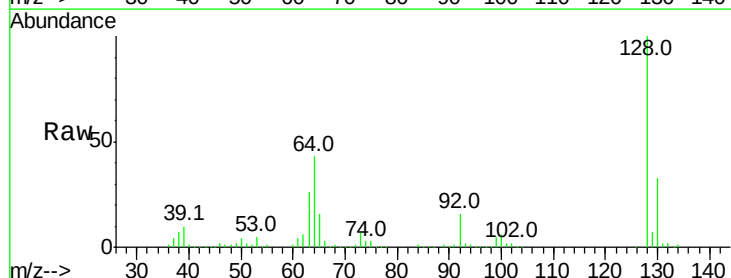
Tgt Ion: 128 Resp: 438255

Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

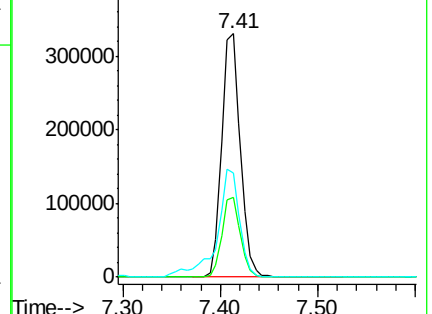
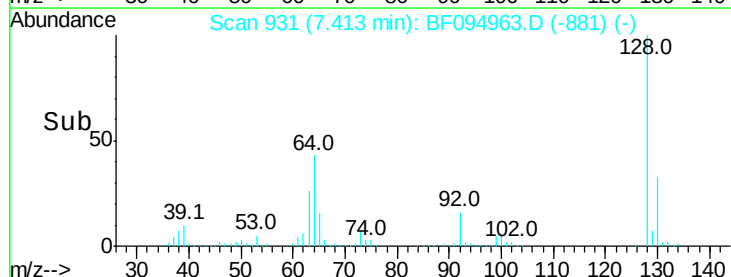
64 42.7 28.4 68.4

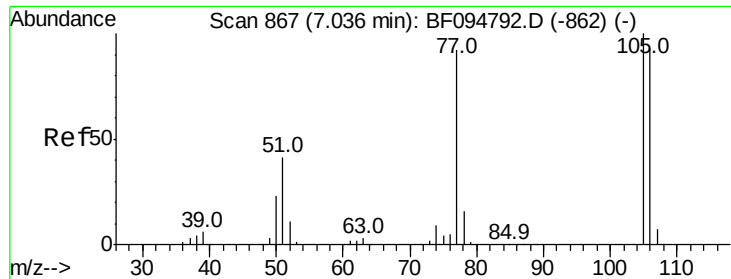


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

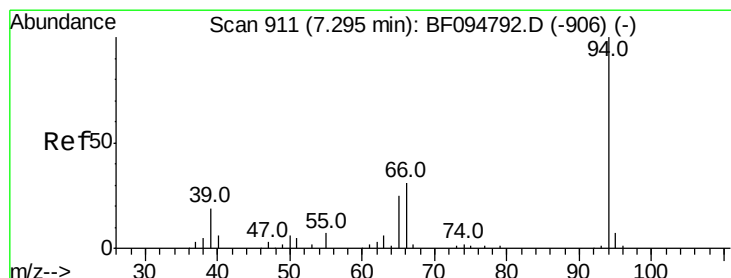
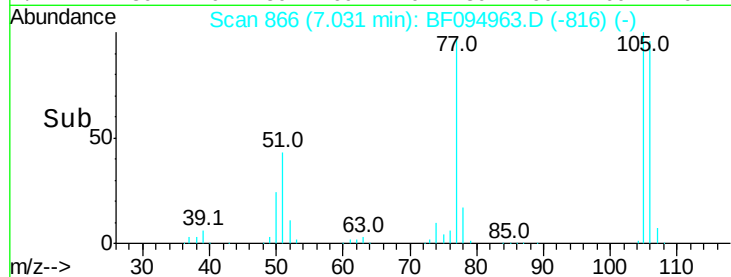
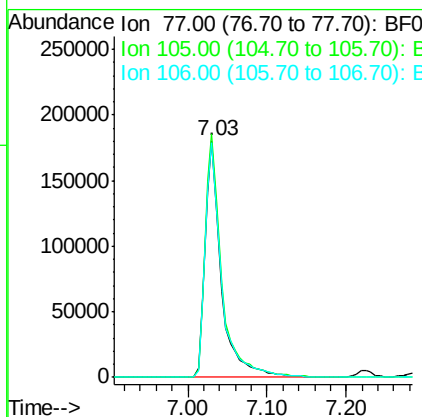
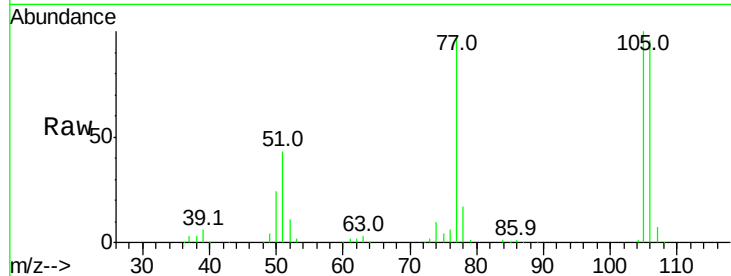




#9
Benzaldehyde
Concen: 36.79 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF094963.D
Acq: 8 May 2017 1:59

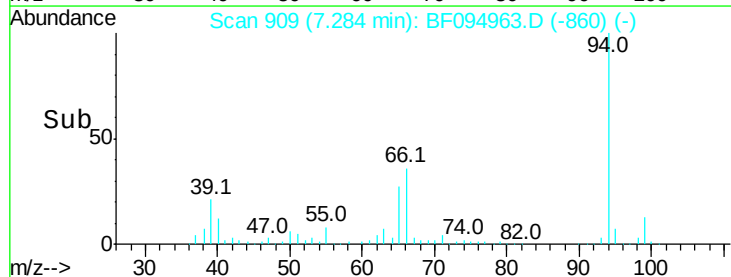
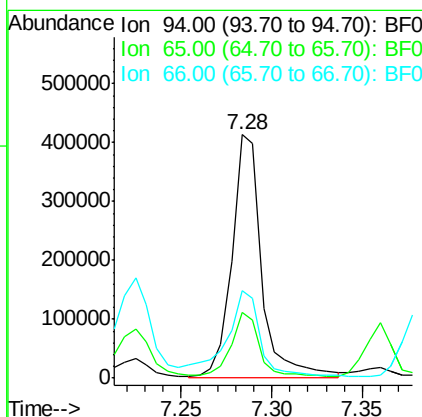
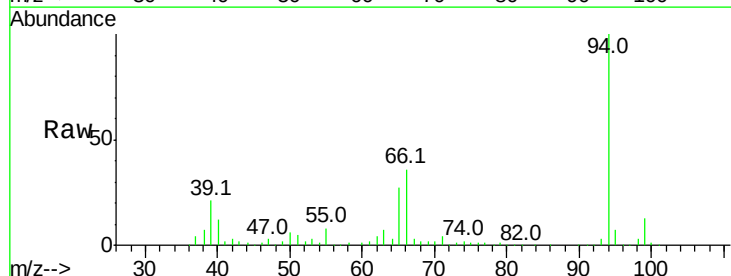
Instrument :
BNA_F
ClientSampled :

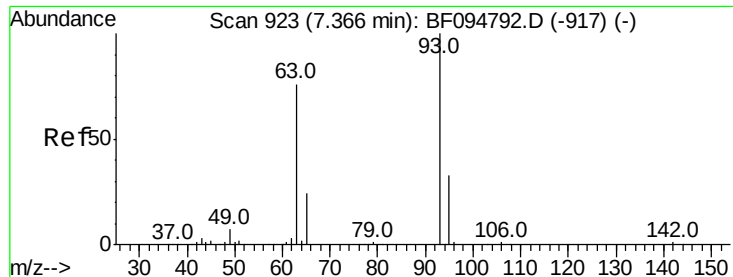
Tot Ion: 77 Resp: 258067
Ion Ratio Lower Upper
77 100
105 103.2 83.8 123.8
106 99.4 79.1 119.1



#10
Phenol
Concen: 39.46 ng
RT: 7.28 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF094963.D
Acq: 8 May 2017 1:59

Tgt Ion: 94 Resp: 477651
Ion Ratio Lower Upper
94 100
65 26.8 9.9 49.9
66 35.9 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 38.19 ng

RT: 7.36 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

Instrument :

BNA_F

ClientSampled :

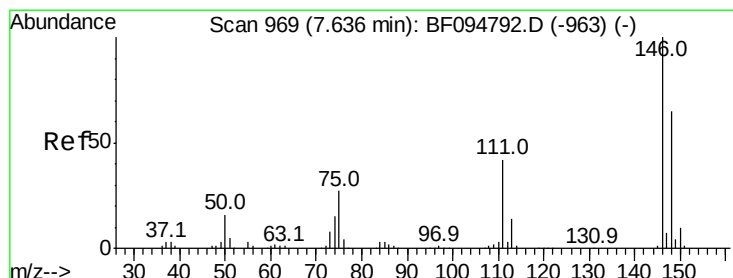
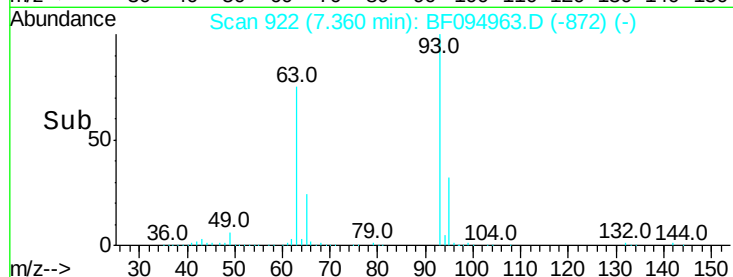
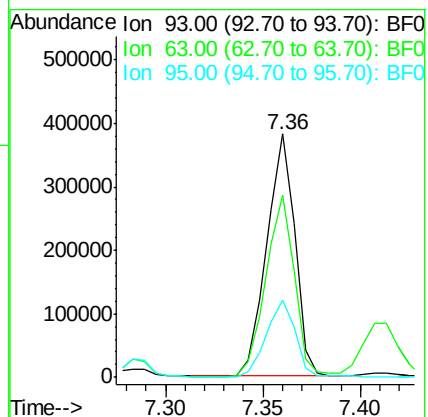
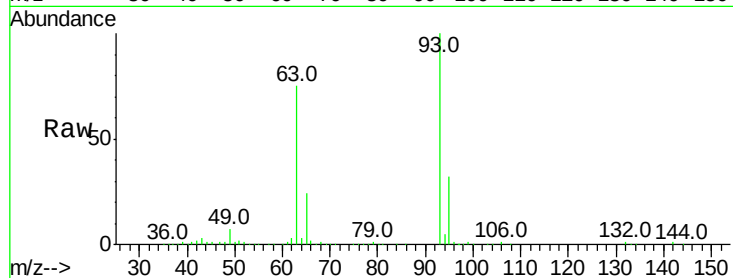
Tot Ion: 93 Resp: 381677

Ion Ratio Lower Upper

93 100

63 74.7 59.2 99.2

95 31.7 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 39.31 ng

RT: 7.62 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

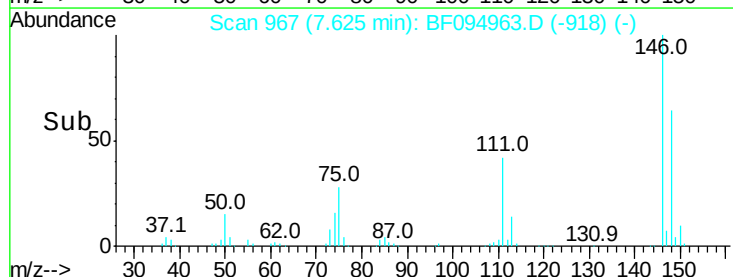
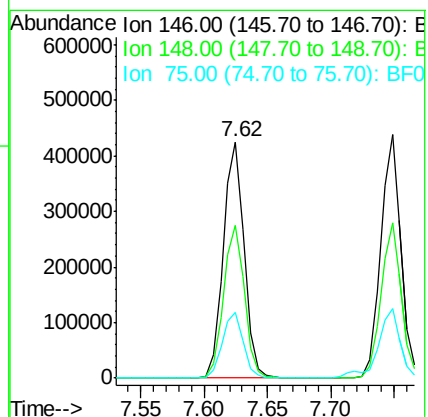
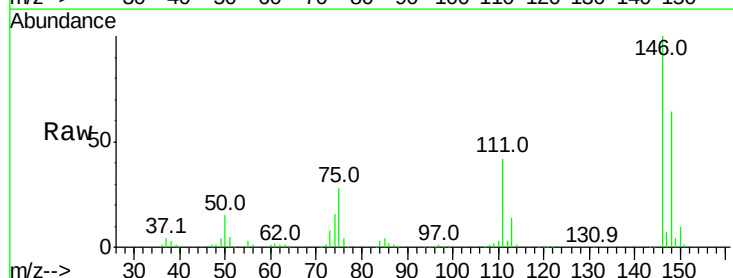
Tgt Ion: 146 Resp: 485931

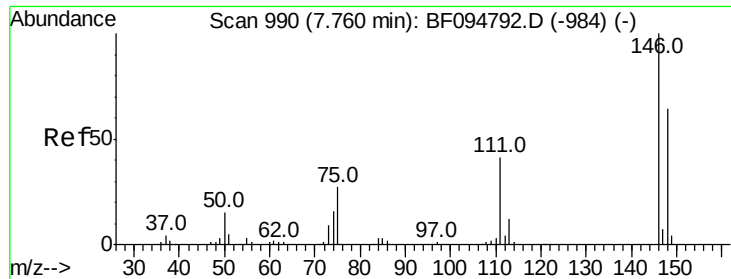
Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.6

75 27.6 23.1 34.7

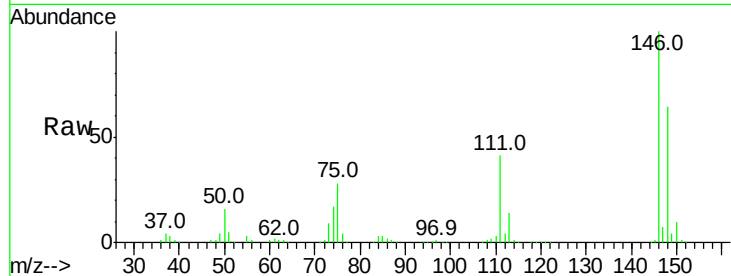




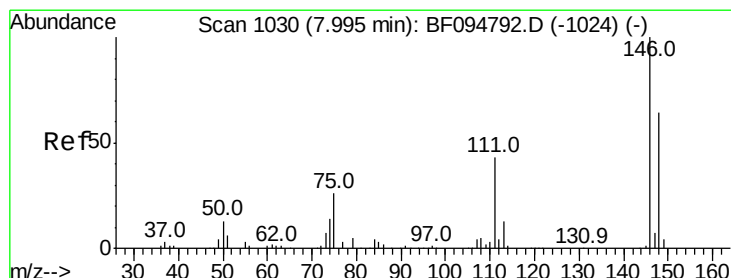
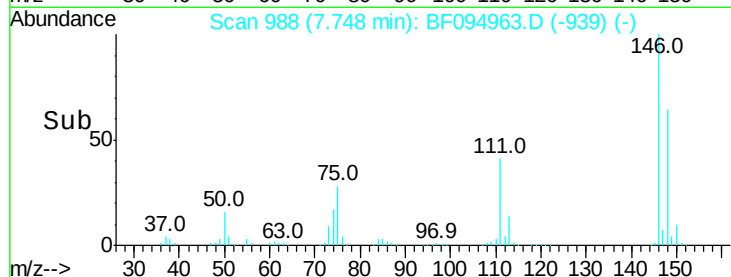
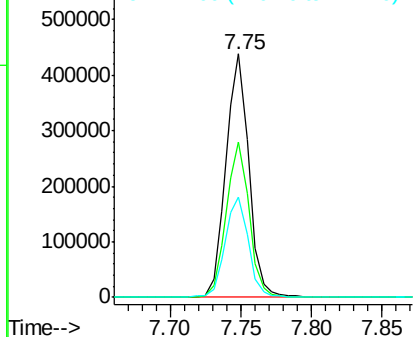
#13
 1,4-Dichlorobenzene
 Concen: 39.36 ng
 RT: 7.75 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BF094963.D
 Acq: 8 May 2017 1:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 493397
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.2 78.2
 111 41.3 30.3 45.5

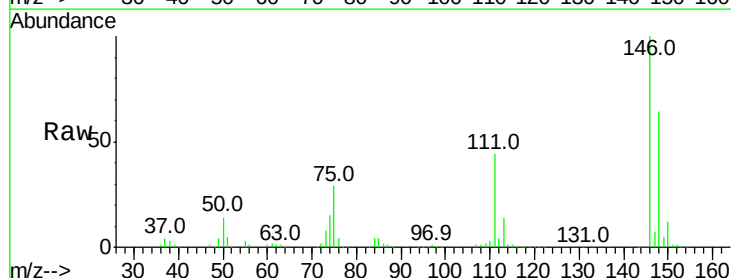


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

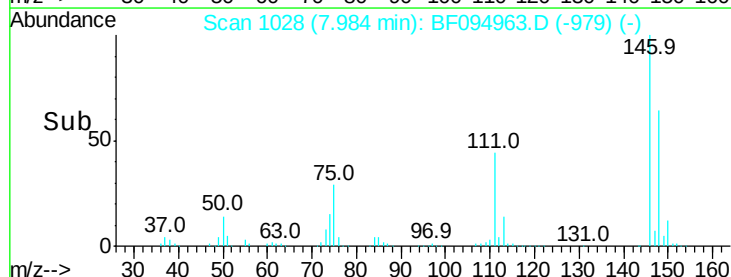
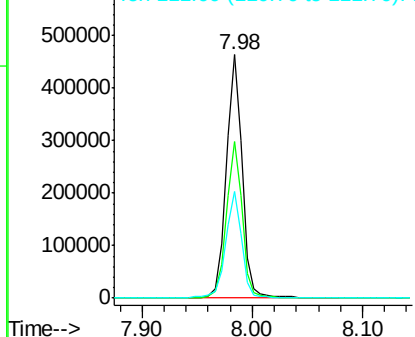


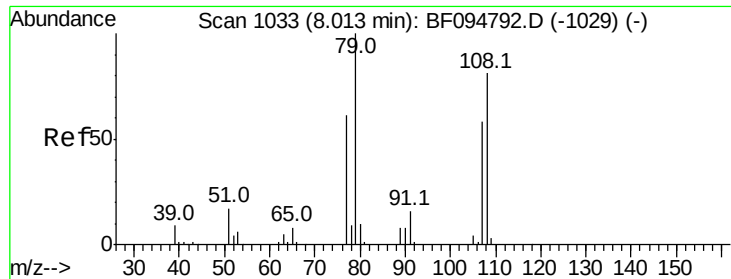
#14
 1,2-Dichlorobenzene
 Concen: 39.83 ng
 RT: 7.98 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF094963.D
 Acq: 8 May 2017 1:59

Tgt Ion:146 Resp: 466082
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.4 75.6
 111 43.6 38.2 57.4



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

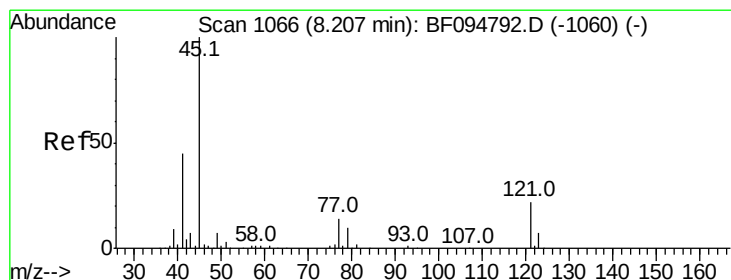
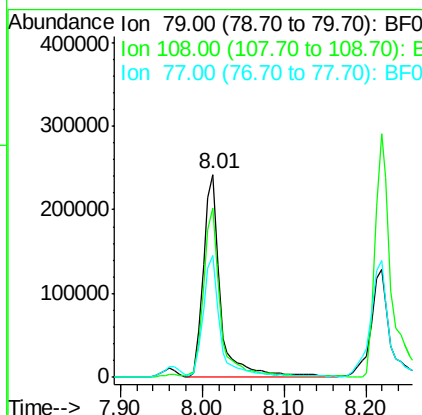
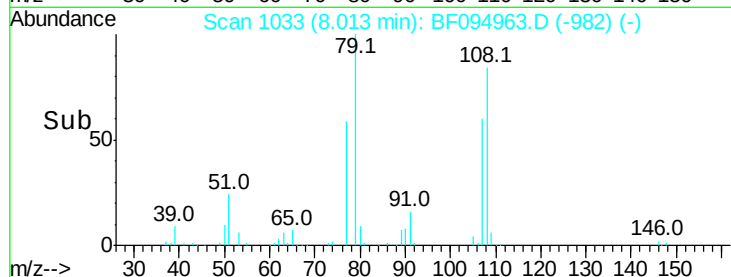
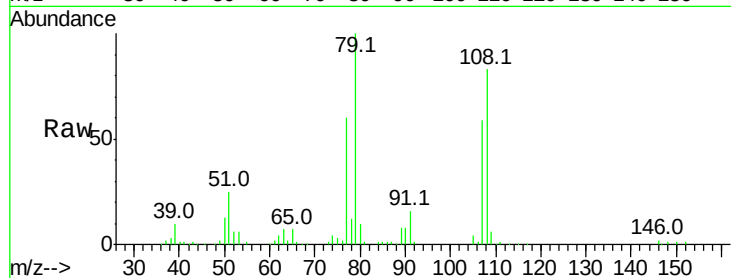




#15
Benzyl Alcohol
Concen: 48.33 ng
RT: 8.01 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF094963.D
Acq: 8 May 2017 1:59

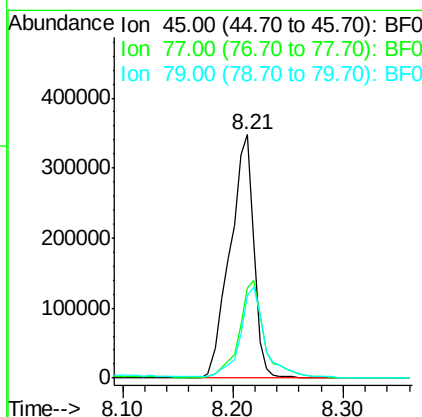
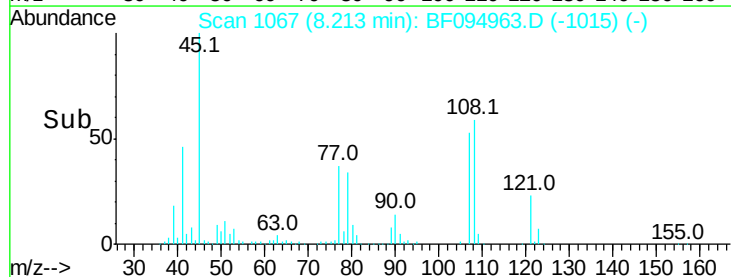
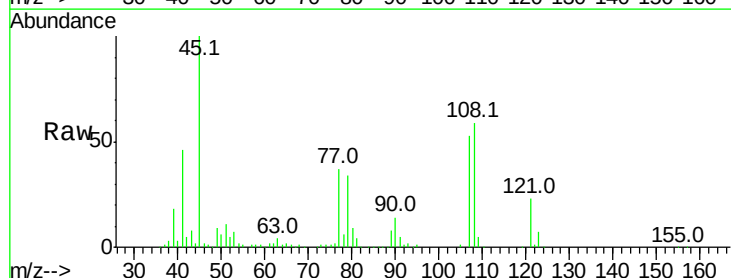
Instrument :
BNA_F
ClientSampleId :

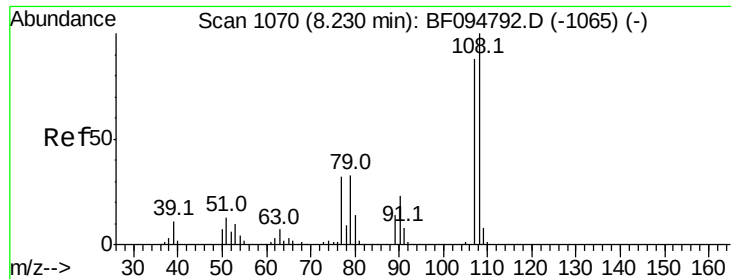
Tot Ion: 79 Resp: 357089
Ion Ratio Lower Upper
79 100
108 83.1 63.4 95.0
77 60.1 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.29 ng
RT: 8.21 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BF094963.D
Acq: 8 May 2017 1:59

Tgt Ion: 45 Resp: 527445
Ion Ratio Lower Upper
45 100
77 36.8 0.0 33.2#
79 34.1 0.0 30.0#





#17

2-Methylphenol

Concen: 40.12 ng

RT: 8.22 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 357819

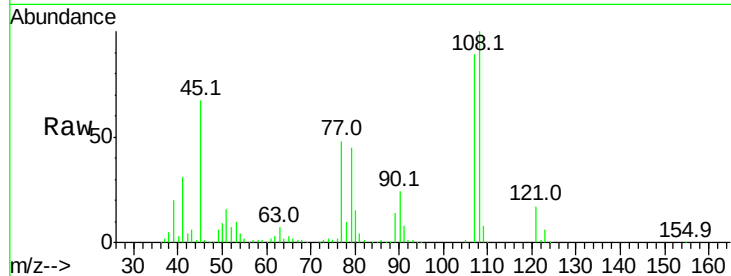
Ion Ratio Lower Upper

107 100

108 112.8 93.4 140.0

77 54.3 35.8 53.6#

79 50.3 34.8 52.2

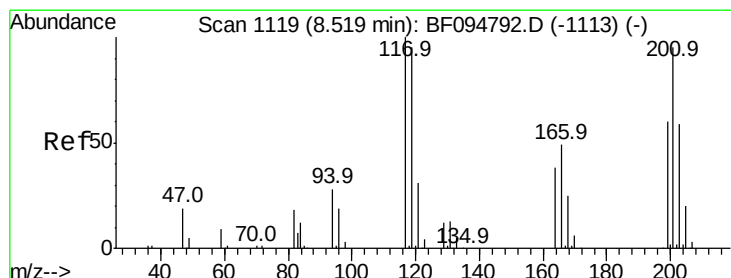
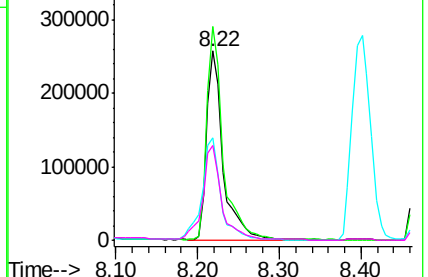
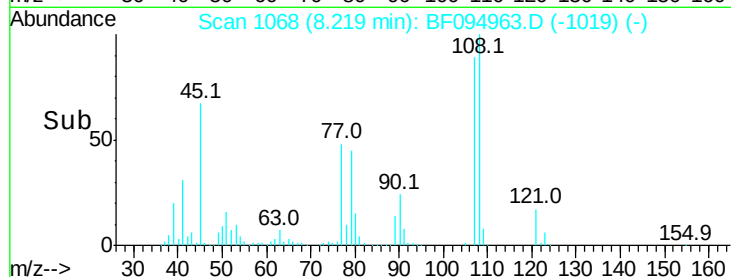


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.50 ng

RT: 8.50 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

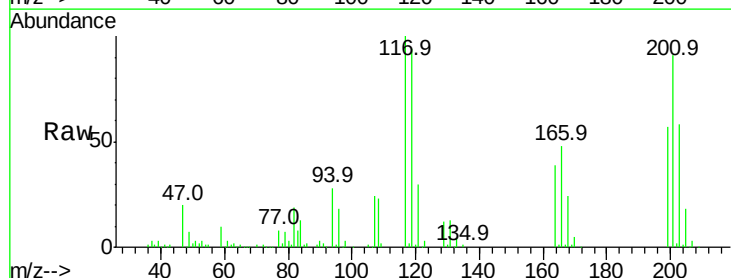
Tgt Ion:117 Resp: 163520

Ion Ratio Lower Upper

117 100

119 93.8 77.4 116.0

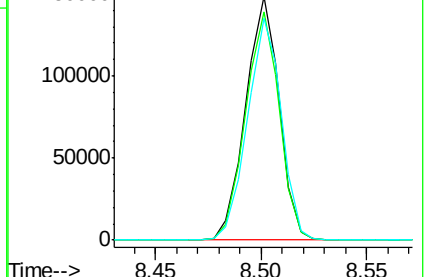
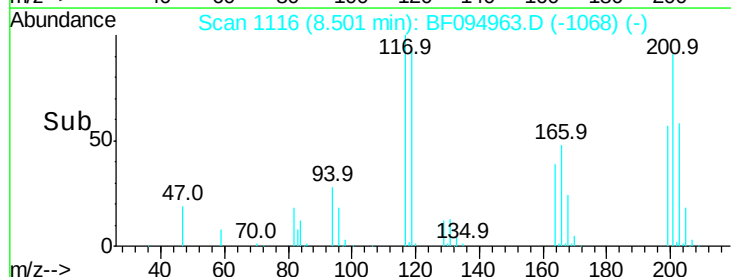
201 91.3 94.6 141.8#

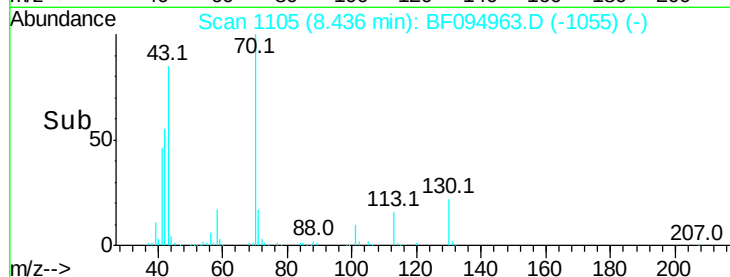
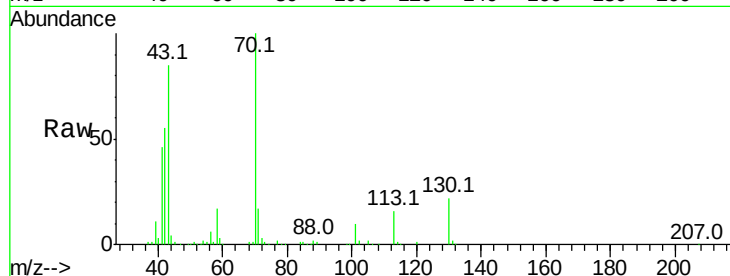
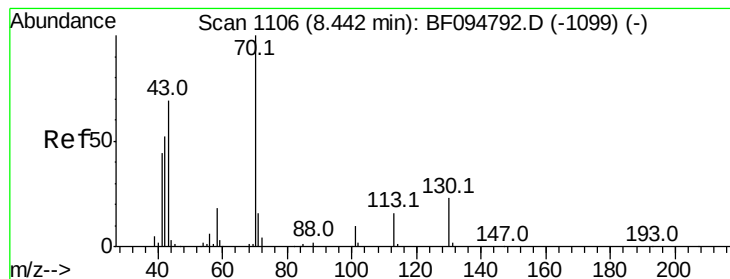


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.38 ng

RT: 8.44 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 298184

Ion Ratio Lower Upper

70 100

42 55.5 47.2 70.8

101 9.9 7.2 10.8

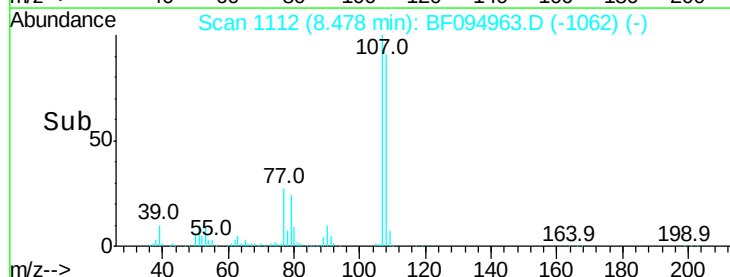
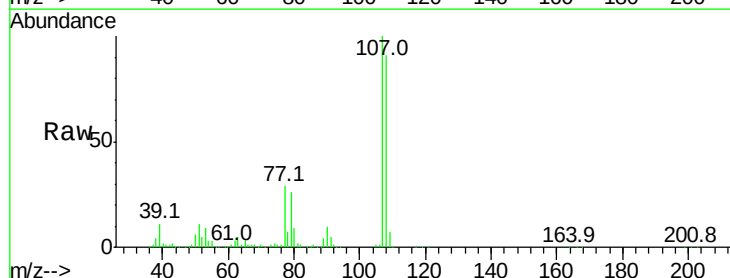
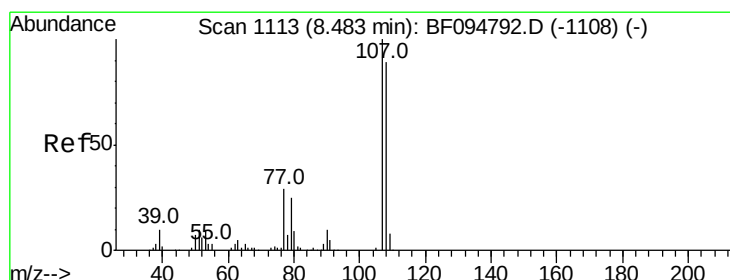
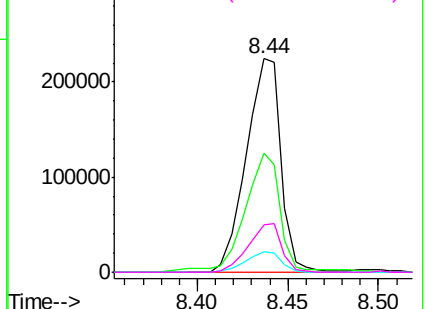
130 22.1 15.9 23.9

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: 38.80 ng

RT: 8.48 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

Tgt Ion: 107 Resp: 470225

Ion Ratio Lower Upper

107 100

108 91.1 71.0 111.0

77 29.4 90.5 130.5#

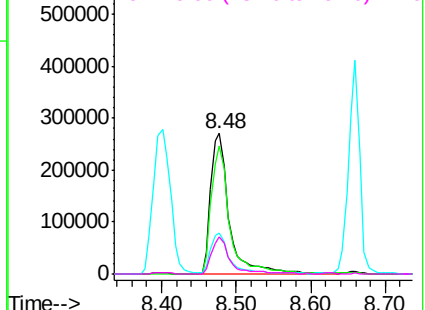
79 26.3 8.4 48.4

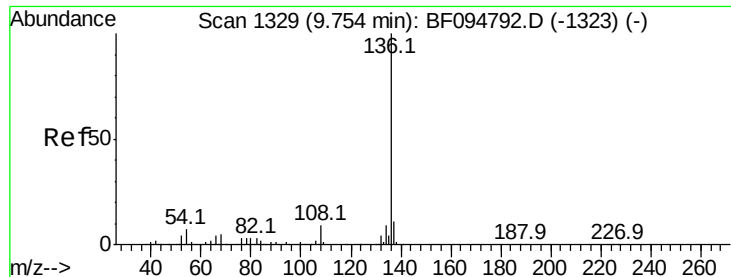
Abundance Ion 107.00 (106.70 to 107.70): E

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: BF094963.D

Acq: 8 May 2017 1:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 652607

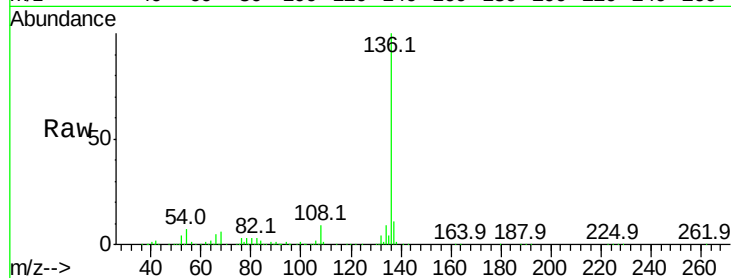
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.7 4.9 7.3

68 5.5 4.1 6.1

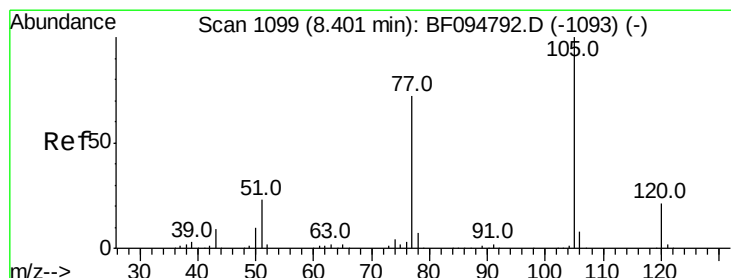
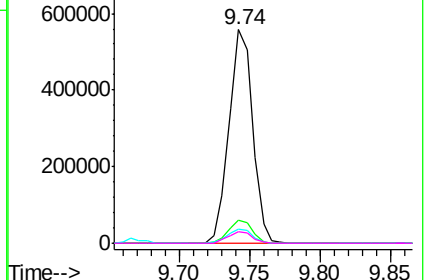
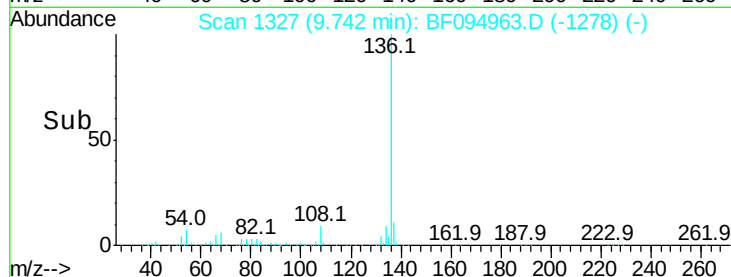


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.10 ng

RT: 8.40 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

Tgt Ion:105 Resp: 612277

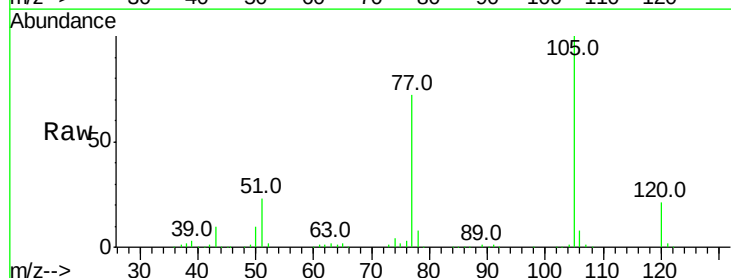
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.4 30.7 46.1#

120 21.1 17.4 26.0

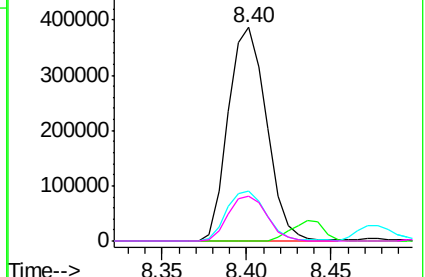
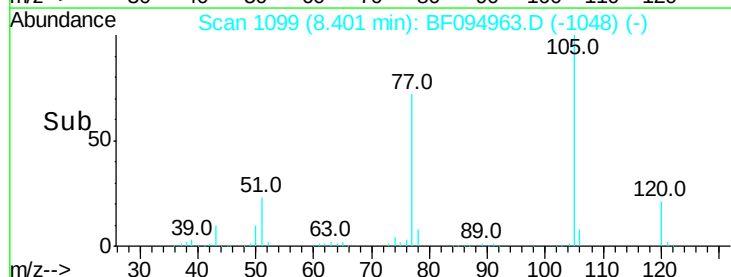


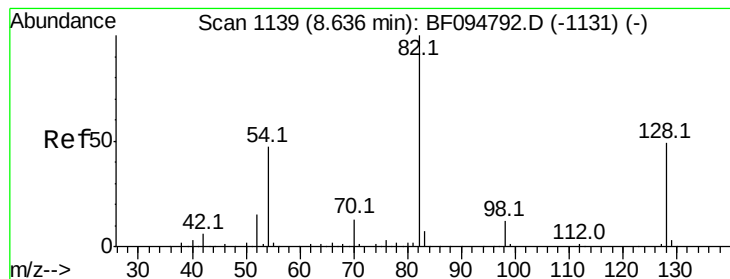
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 79.78 ng

RT: 8.63 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

Instrument :

BNA_F

ClientSampleId :

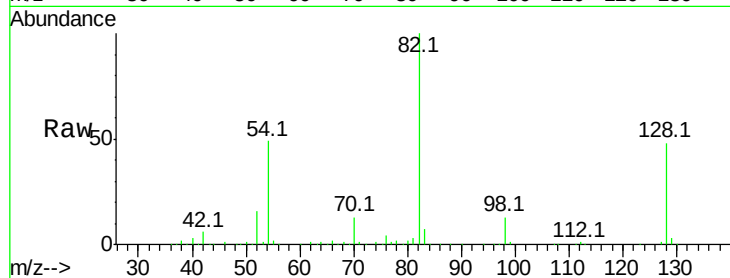
Tot Ion: 82 Resp: 825709

Ion Ratio Lower Upper

82 100

128 47.7 34.0 51.0

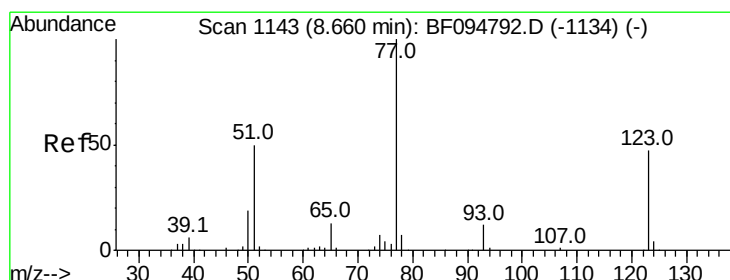
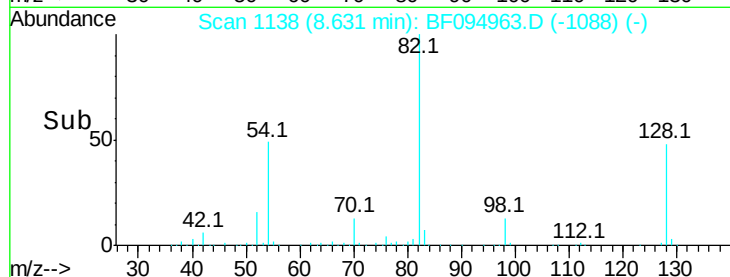
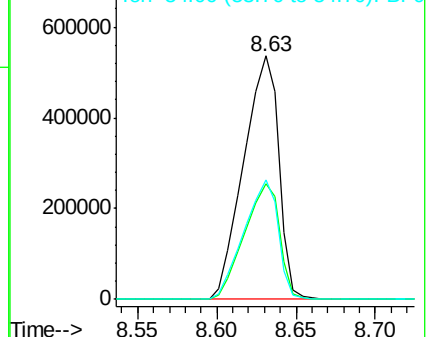
54 49.2 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.29 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

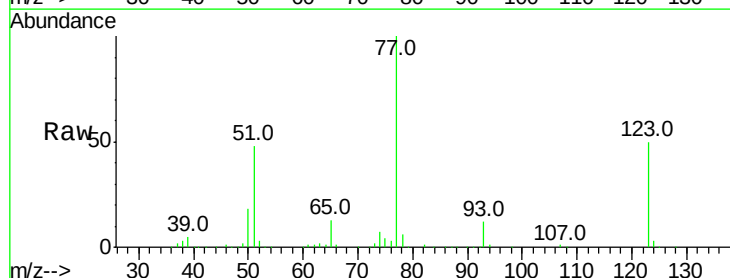
Tgt Ion: 77 Resp: 437005

Ion Ratio Lower Upper

77 100

123 49.7 35.8 53.8

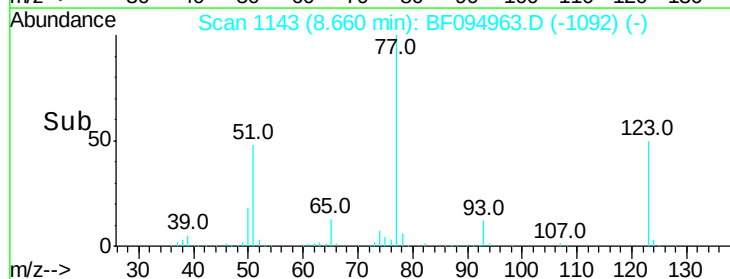
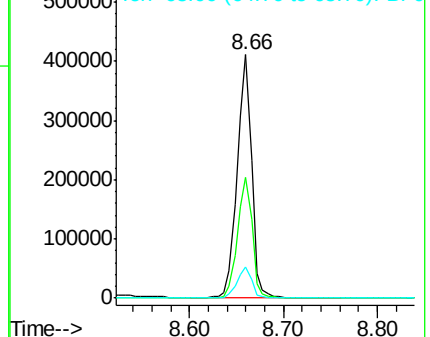
65 13.0 10.6 15.8

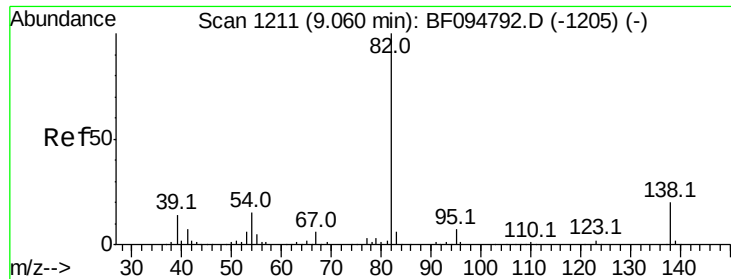


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.83 ng

RT: 9.06 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

Instrument :

BNA_F

ClientSampleId :

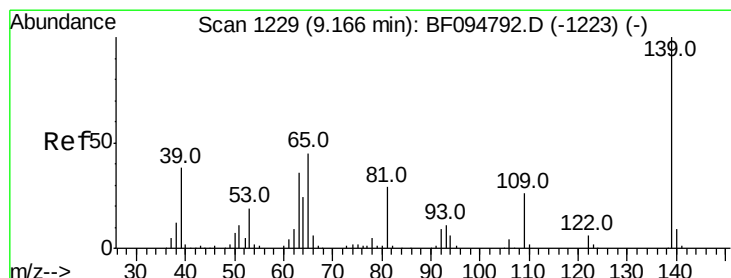
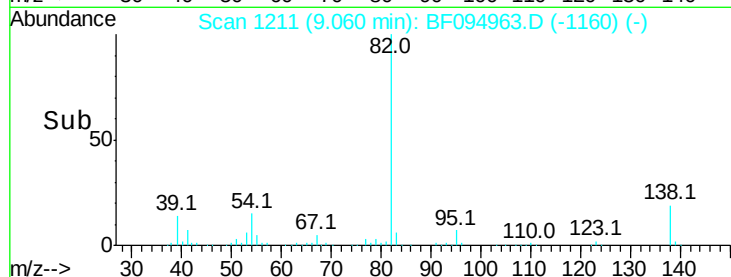
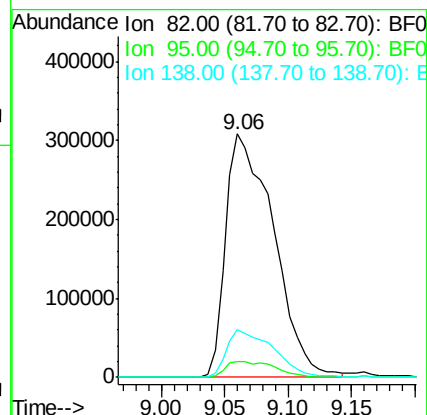
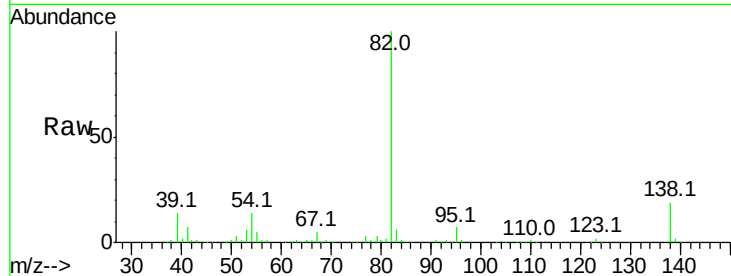
Tot Ion: 82 Resp: 809975

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.4 13.1 19.7



#26

2-Nitrophenol

Concen: 42.51 ng

RT: 9.16 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

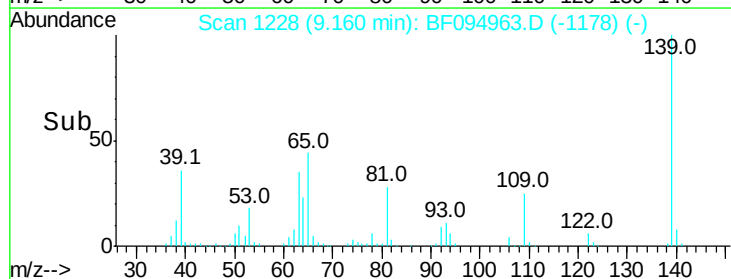
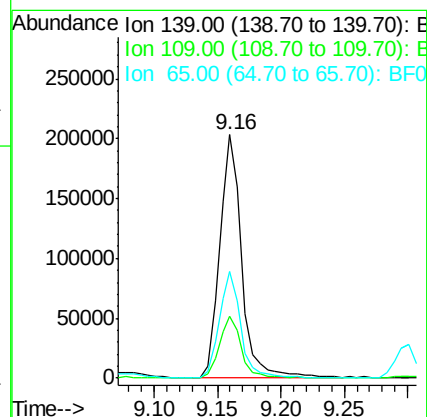
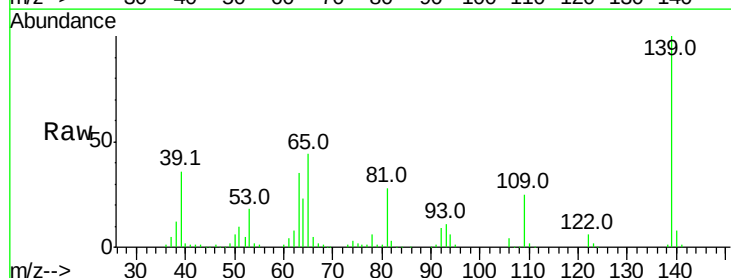
Tgt Ion: 139 Resp: 248815

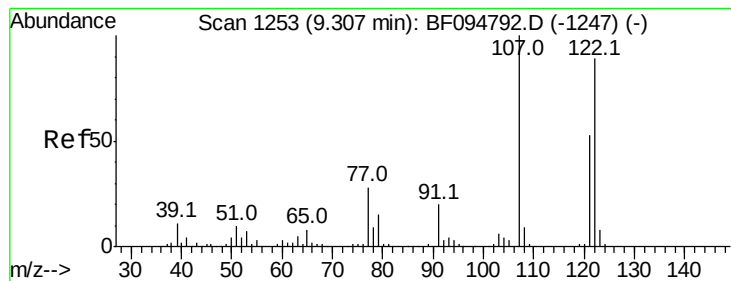
Ion Ratio Lower Upper

139 100

109 25.5 21.0 31.6

65 43.6 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 40.36 ng

RT: 9.30 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

Instrument :

BNA_F

ClientSampled :

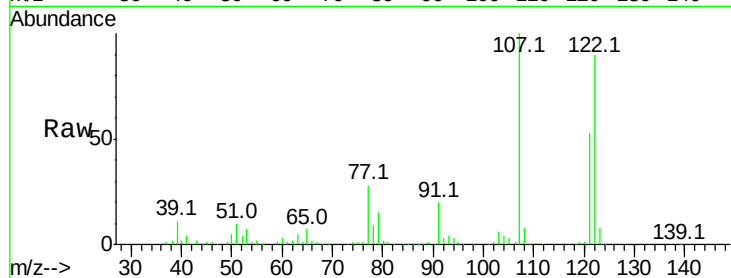
Tot Ion:122 Resp: 381984

Ion Ratio Lower Upper

122 100

107 110.8 89.2 133.8

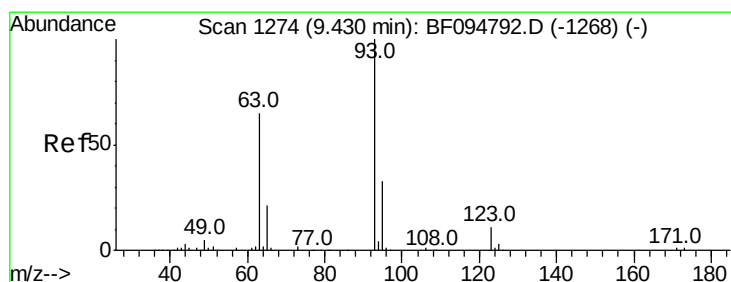
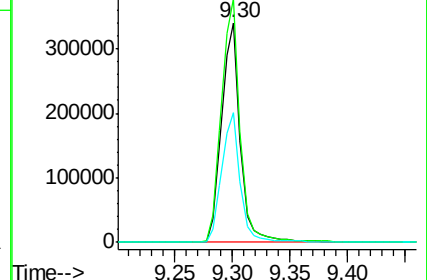
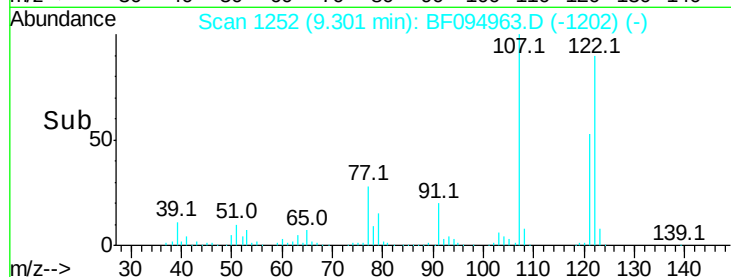
121 59.2 45.2 67.8



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: 38.74 ng

RT: 9.42 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

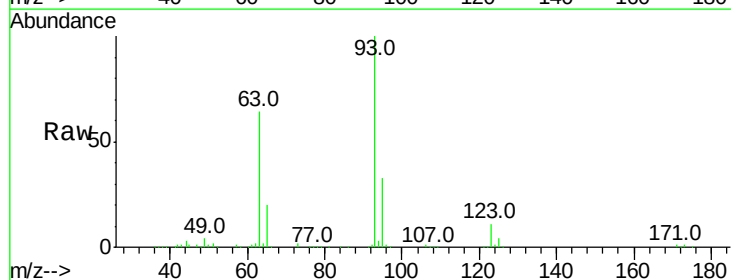
Tgt Ion: 93 Resp: 495287

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

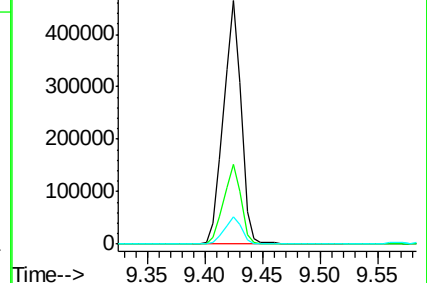
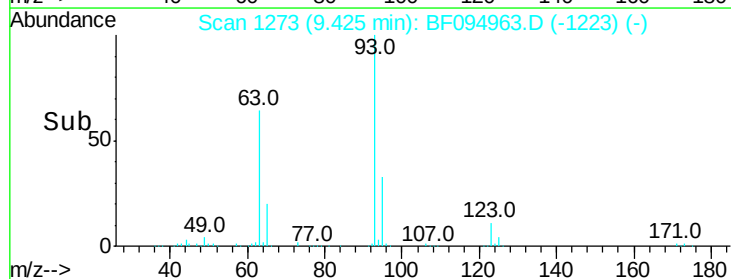
123 11.3 9.0 13.4

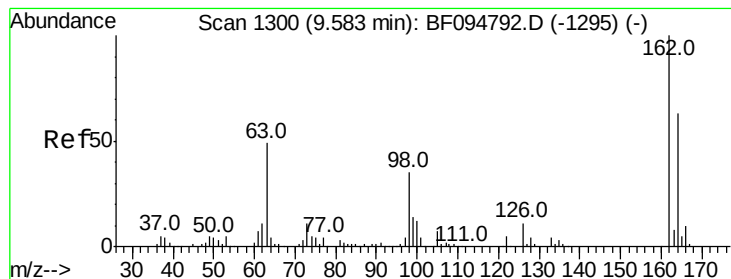


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.51 ng

RT: 9.57 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

Instrument :

BNA_F

ClientSampleId :

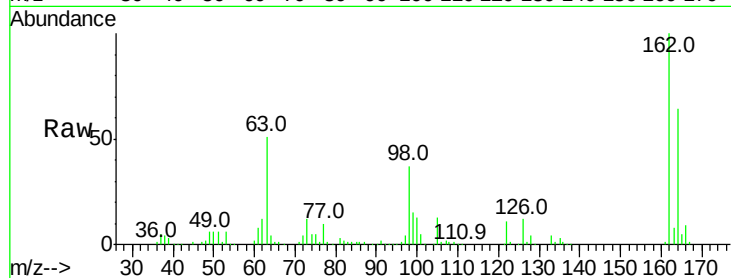
Tot Ion:162 Resp: 370883

Ion Ratio Lower Upper

162 100

164 64.3 44.6 84.6

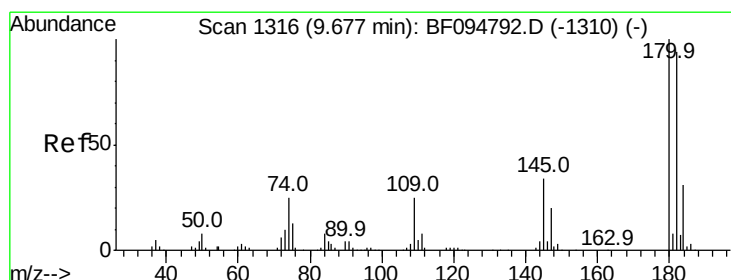
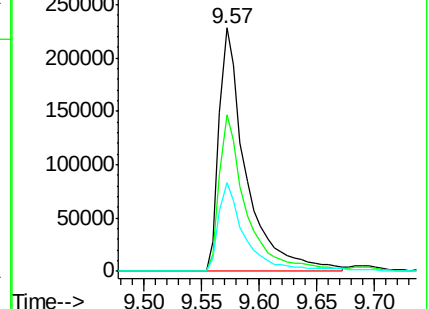
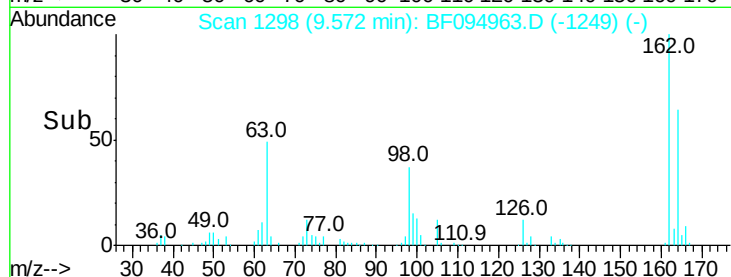
98 36.5 14.8 54.8



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: 38.56 ng

RT: 9.67 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

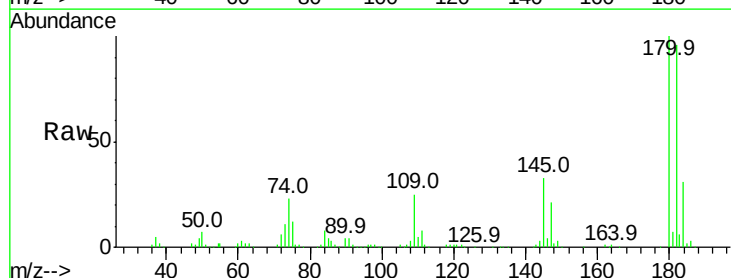
Tgt Ion:180 Resp: 369186

Ion Ratio Lower Upper

180 100

182 95.8 75.8 113.6

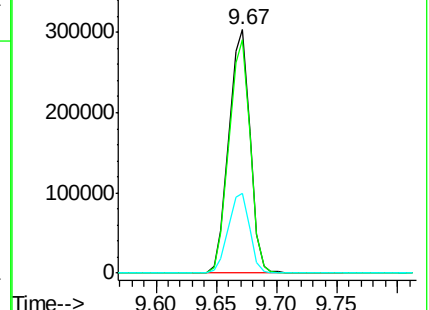
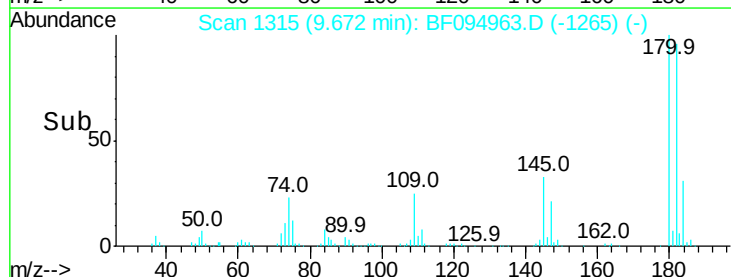
145 32.8 25.3 37.9

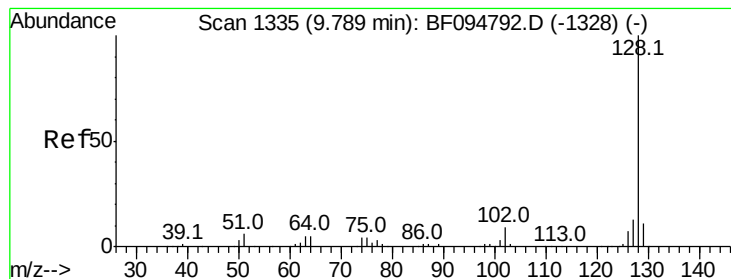


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.81 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

Instrument :

BNA_F

ClientSampleId :

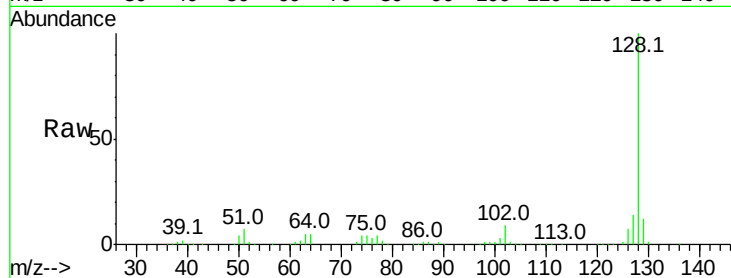
Tot Ion:128 Resp: 1207477

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

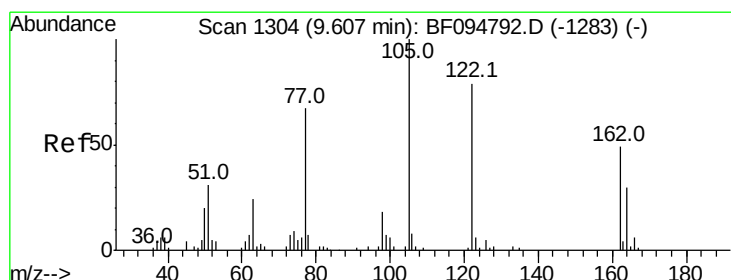
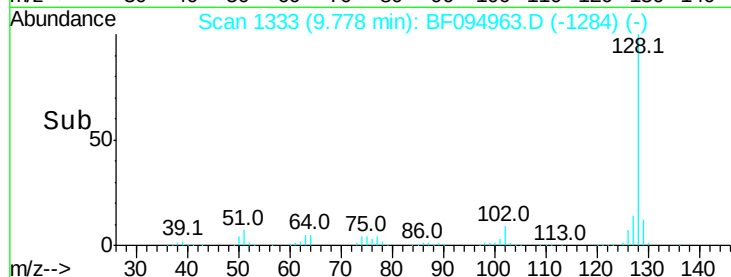
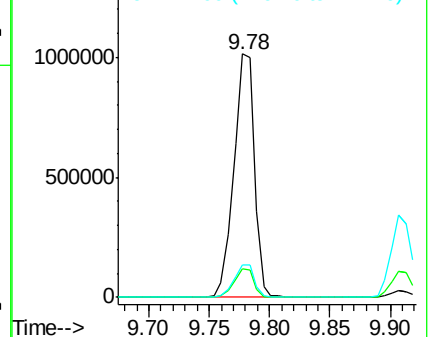
127 13.5 10.8 16.2



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: 41.37 ng

RT: 9.64 min Scan# 1310

Delta R.T. 0.04 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

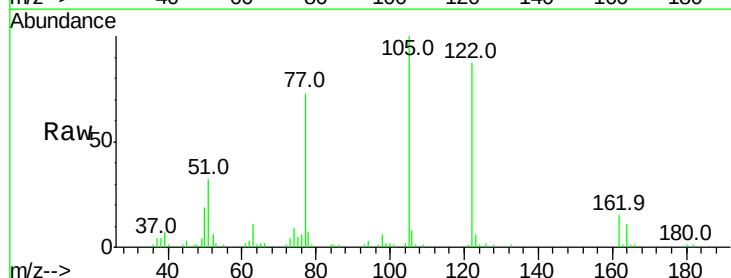
Tgt Ion:122 Resp: 252201

Ion Ratio Lower Upper

122 100

105 115.6 103.3 143.3

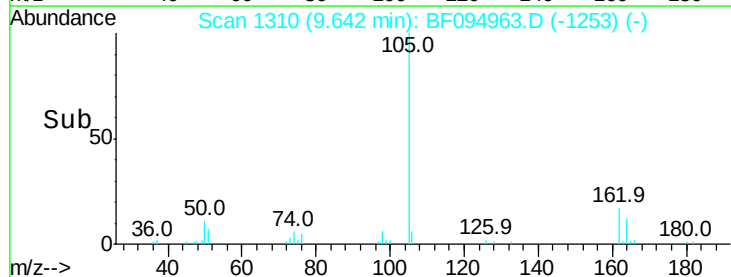
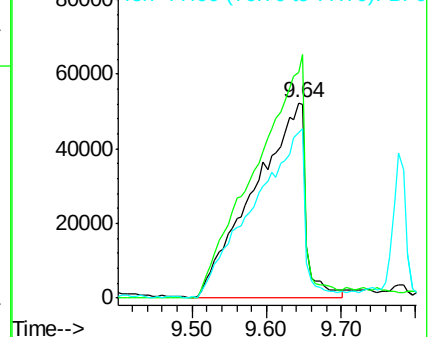
77 84.9 73.7 113.7

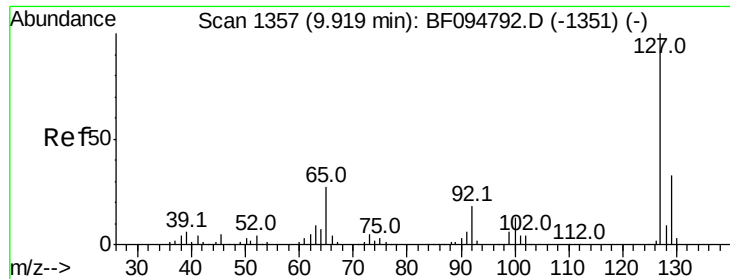


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

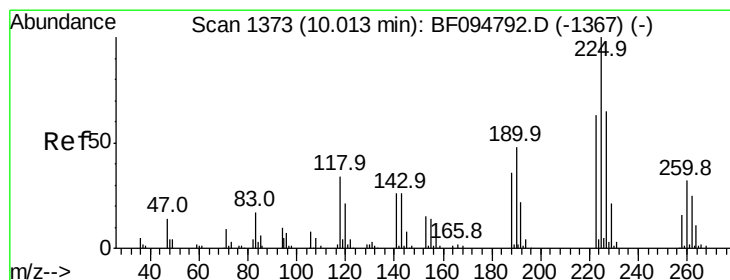
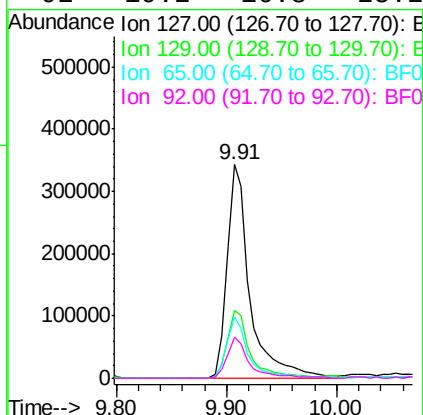
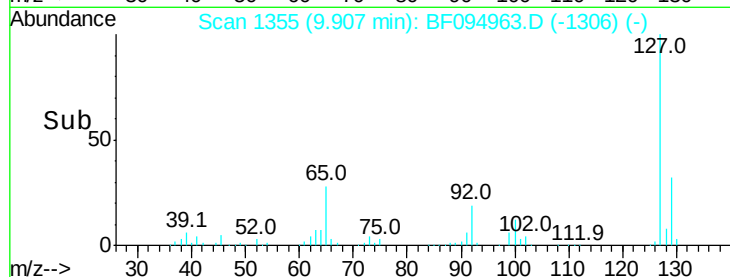
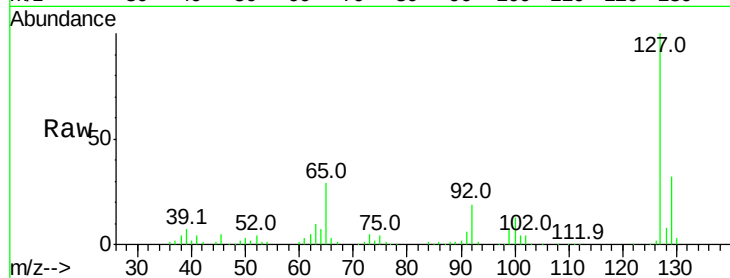




#33
4-Chloroaniline
Concen: 41.03 ng
RT: 9.91 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF094963.D
Acq: 8 May 2017 1:59

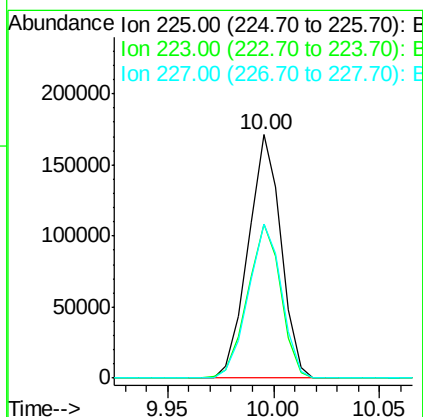
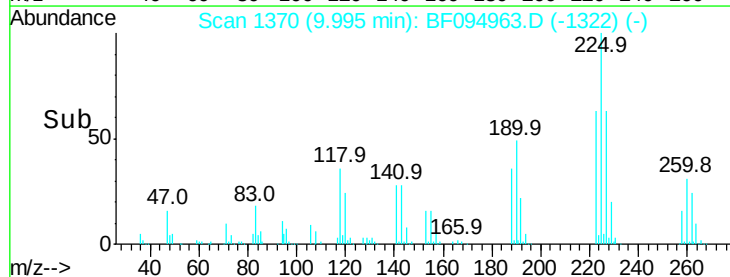
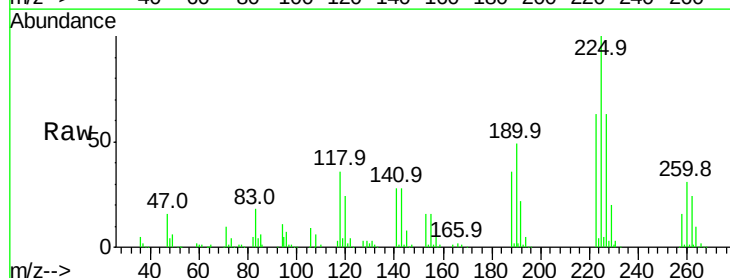
Instrument :
BNA_F
ClientSampleId :

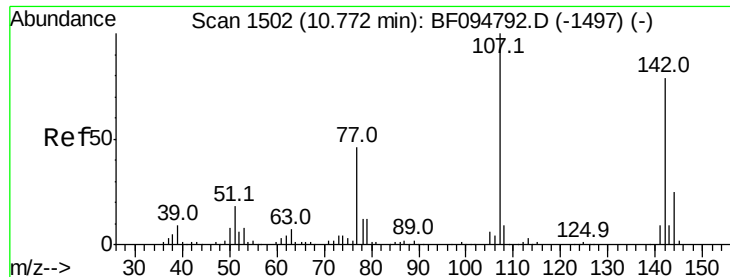
Tot Ion:	127	Resp:	501508
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.2
65	28.6	27.8	41.8
92	19.2	16.8	25.2



#34
Hexachlorobutadiene
Concen: 36.61 ng
RT: 10.00 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF094963.D
Acq: 8 May 2017 1:59

Tgt Ion:	225	Resp:	184919
Ion	Ratio	Lower	Upper
225	100		
223	63.2	48.8	73.2
227	63.4	51.1	76.7

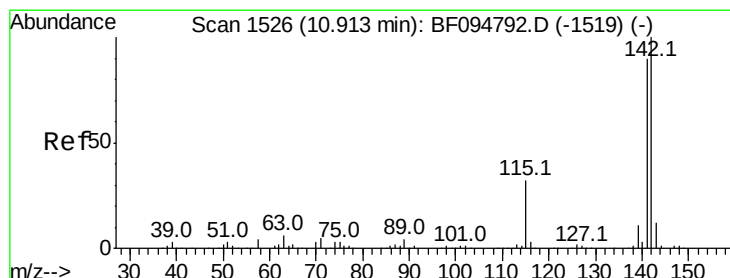
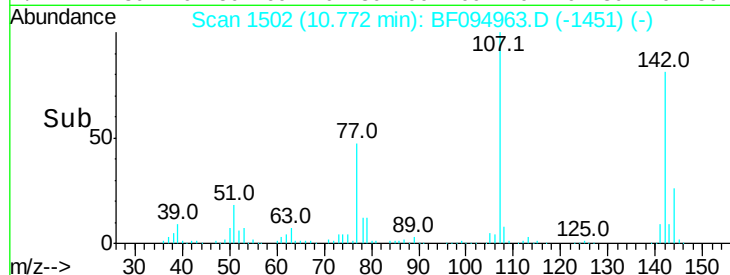
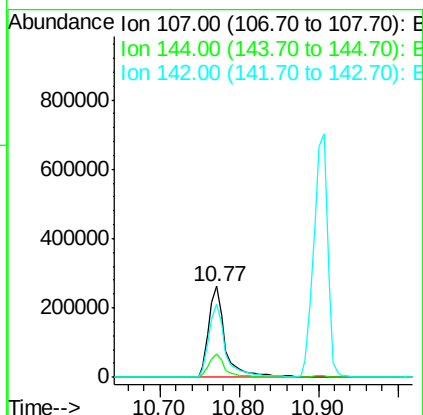
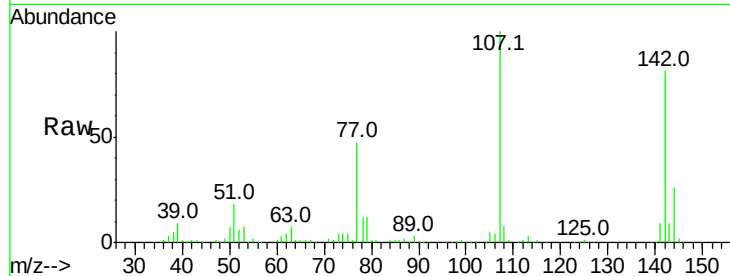




#36
 4-Chloro-3-methylphenol
 Concen: 40.30 ng
 RT: 10.77 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF094963.D
 Acq: 8 May 2017 1:59

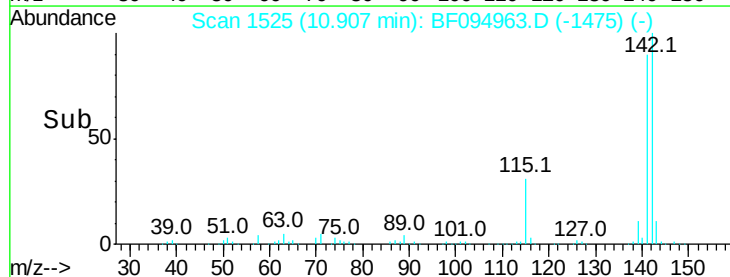
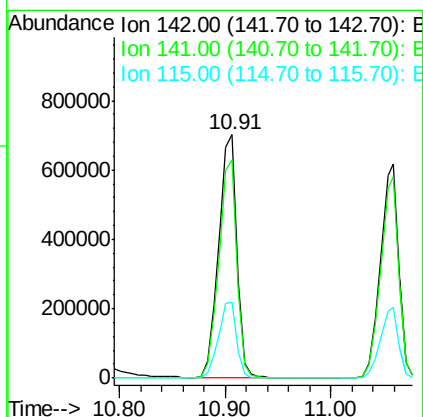
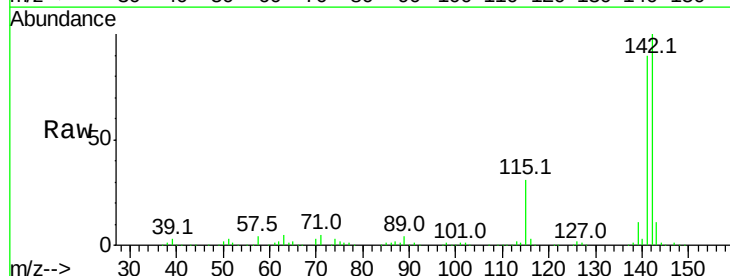
Instrument :
 BNA_F
 ClientSampled :

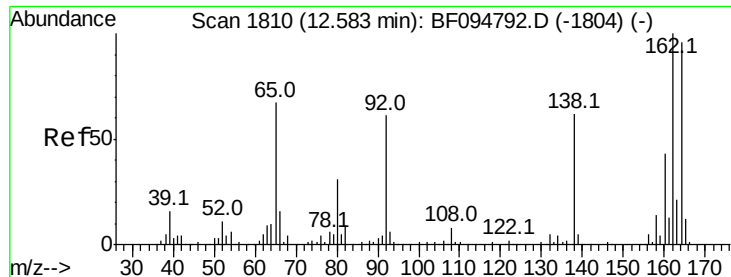
Tot Ion:107 Resp: 385003
 Ion Ratio Lower Upper
 107 100
 144 26.2 24.2 36.4
 142 80.6 73.4 110.0



#37
 2-Methylnaphthalene
 Concen: 39.82 ng
 RT: 10.91 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF094963.D
 Acq: 8 May 2017 1:59

Tgt Ion:142 Resp: 857142
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.3 106.9
 115 31.1 27.1 40.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

Instrument :

BNA_F

ClientSampled :

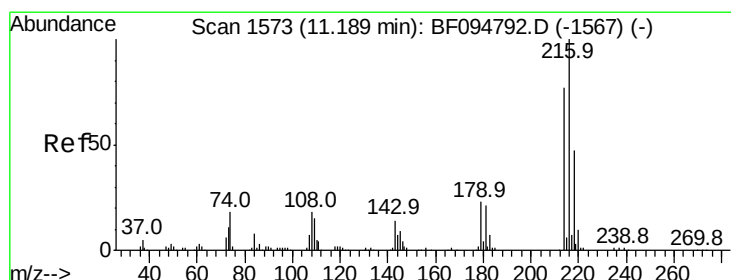
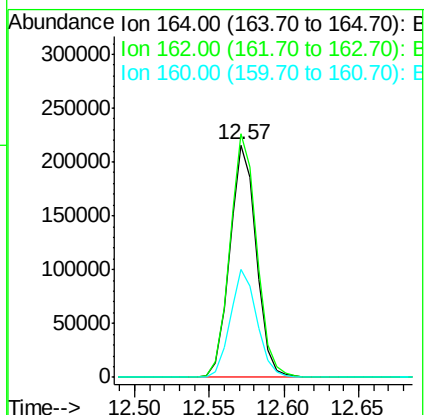
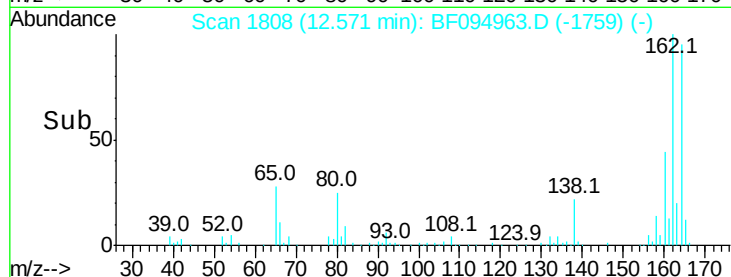
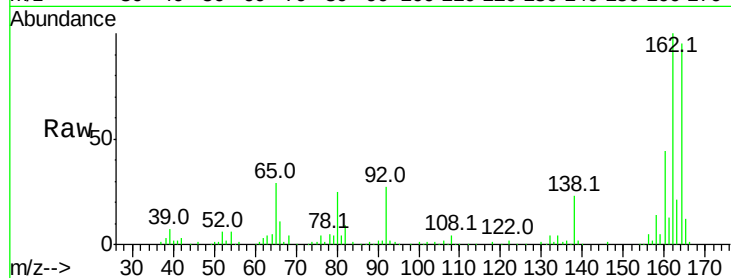
Tot Ion:164 Resp: 267760

Ion Ratio Lower Upper

164 100

162 104.9 82.6 123.8

160 46.4 36.2 54.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.54 ng

RT: 11.18 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

Tgt Ion:216 Resp: 342013

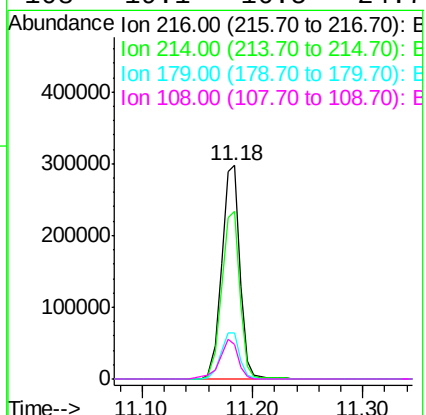
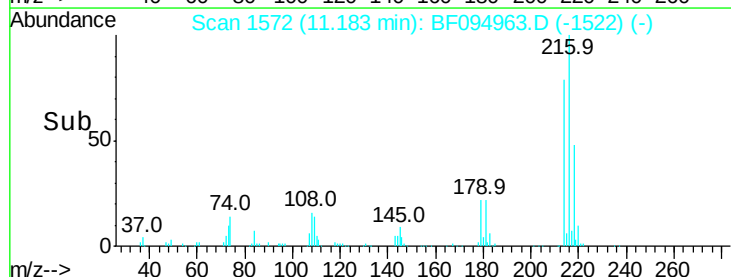
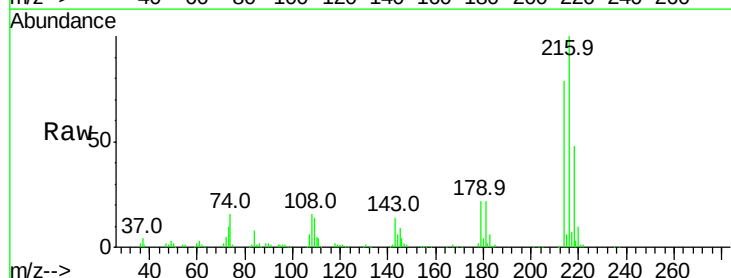
Ion Ratio Lower Upper

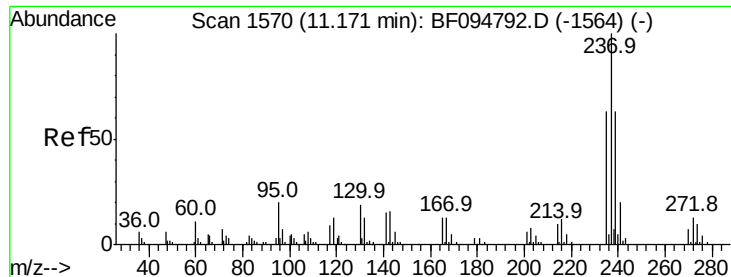
216 100

214 78.8 63.4 95.2

179 22.2 17.9 26.9

108 19.1 16.5 24.7





#40

Hexachlorocyclopentadiene

Concen: 39.75 ng

RT: 11.16 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

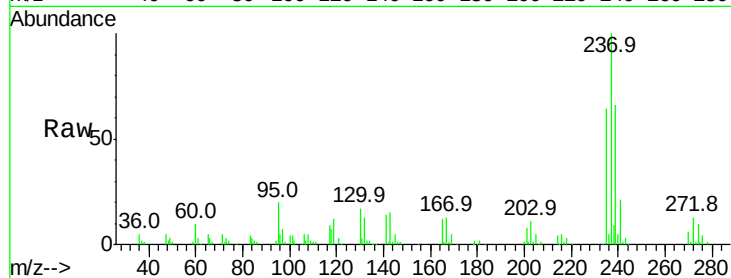
Instrument :

BNA_F

ClientSampled :

Tot Ion:237 Resp: 126205

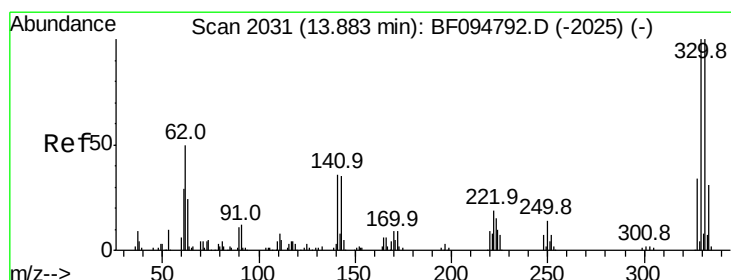
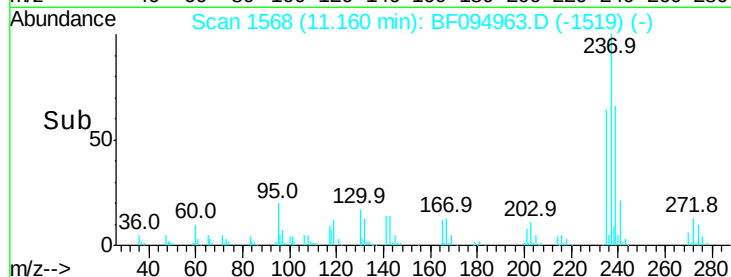
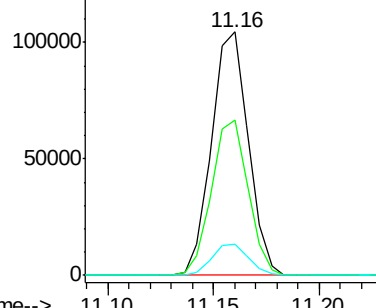
Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.6	82.6
272	12.8	0.0	31.9



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: 90.32 ng

RT: 13.88 min Scan# 2030

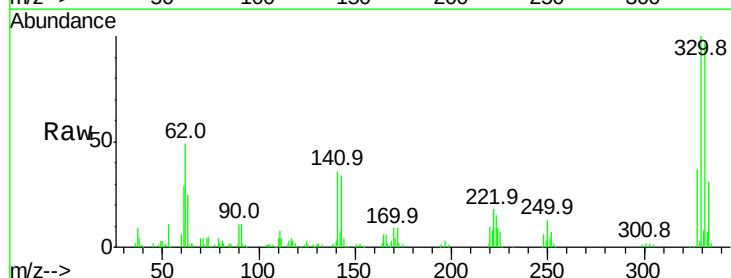
Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

Tgt Ion:330 Resp: 198069

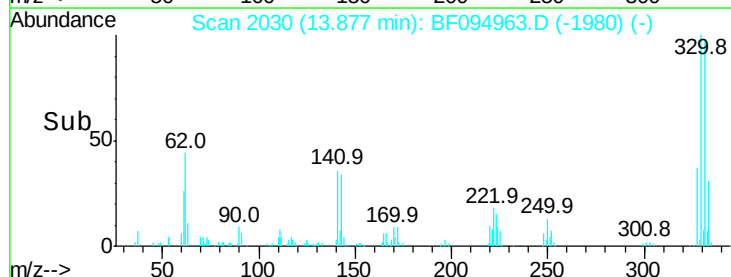
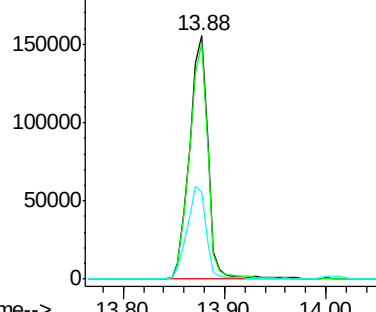
Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	39.5	31.4	47.2

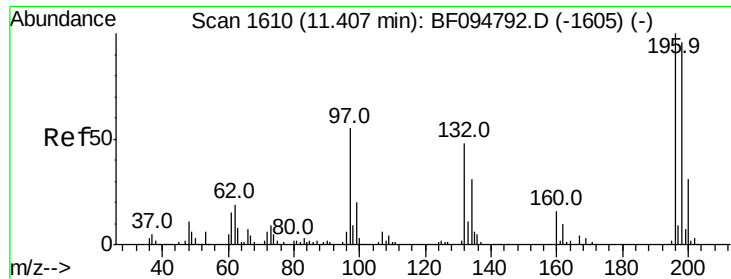


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

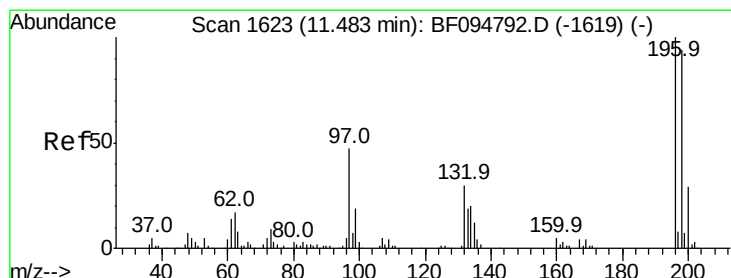
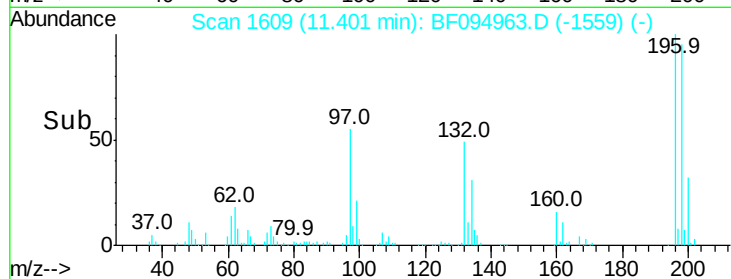
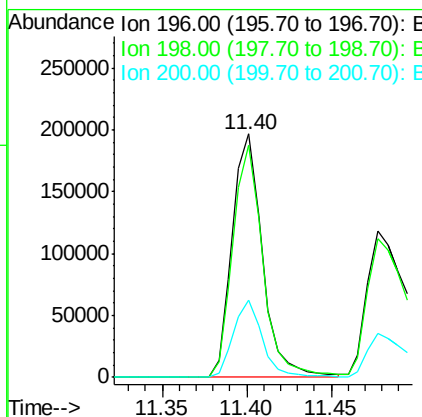
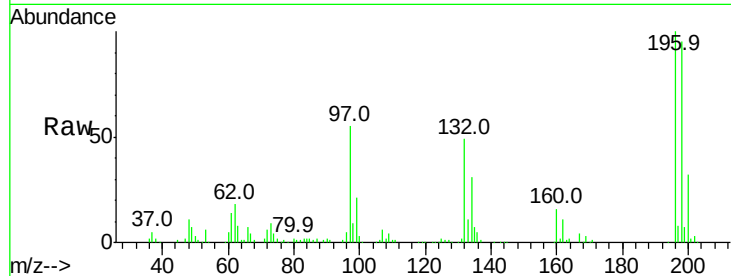




#42
 2,4,6-Trichlorophenol
 Concen: 44.82 ng
 RT: 11.40 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF094963.D
 Acq: 8 May 2017 1:59

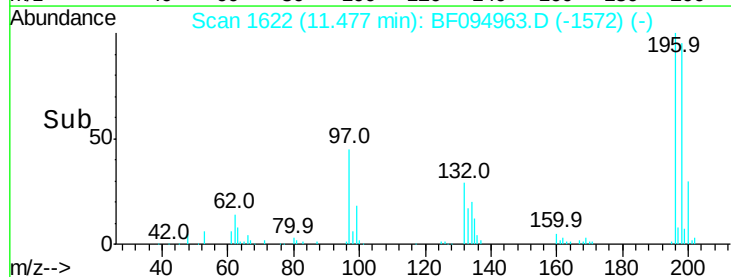
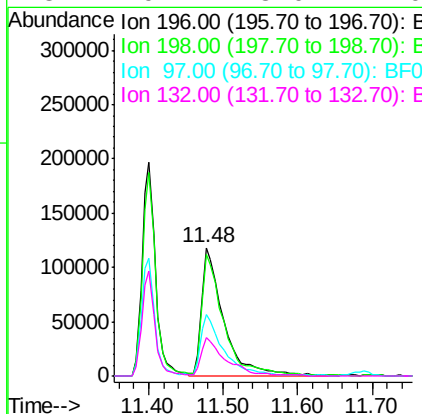
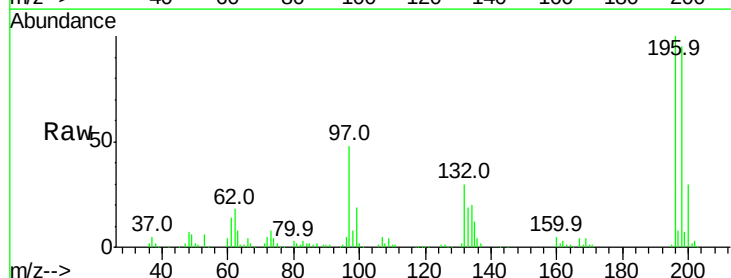
Instrument :
 BNA_F
 ClientSampleId :

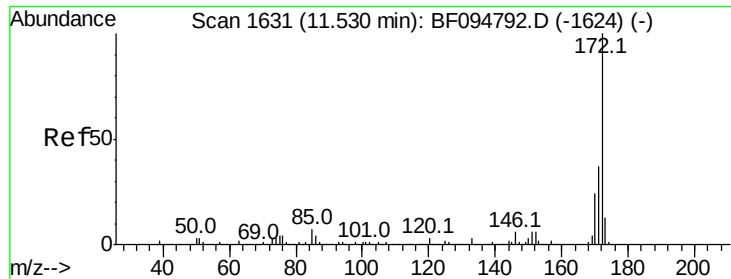
Tot Ion:196 Resp: 246411
 Ion Ratio Lower Upper
 196 100
 198 95.1 74.2 111.4
 200 31.5 24.0 36.0



#43
 2,4,5-Trichlorophenol
 Concen: 41.15 ng
 RT: 11.48 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF094963.D
 Acq: 8 May 2017 1:59

Tgt Ion:196 Resp: 243155
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.7 113.5
 97 47.8 47.7 71.5
 132 29.7 28.0 42.0

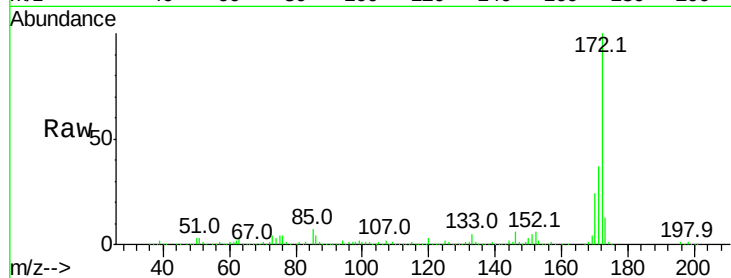




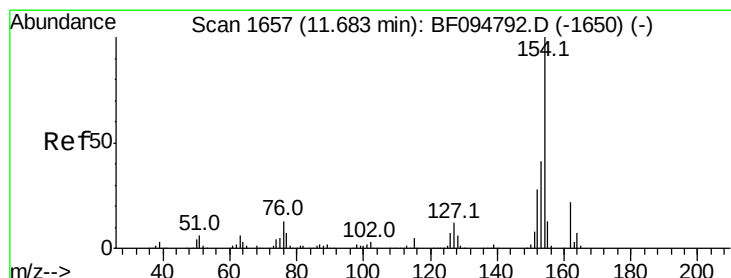
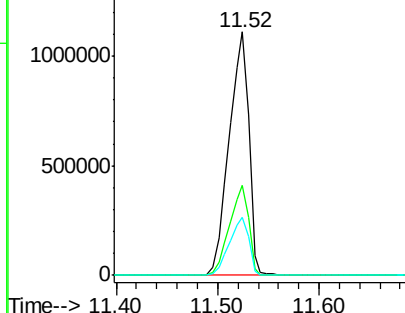
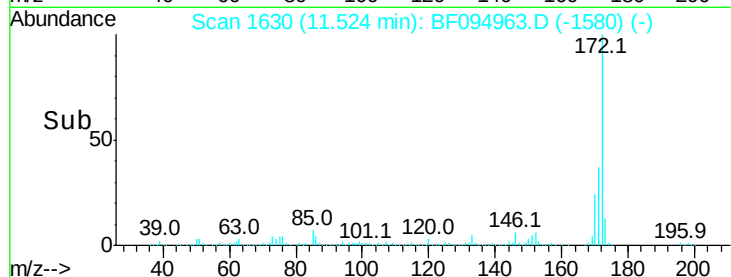
#44
2-Fluorobiphenyl
Concen: 80.58 ng
RT: 11.52 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BF094963.D
Acq: 8 May 2017 1:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1499008
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 23.9 19.8 29.8

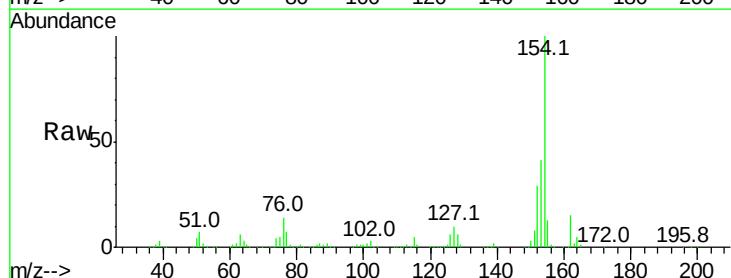


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

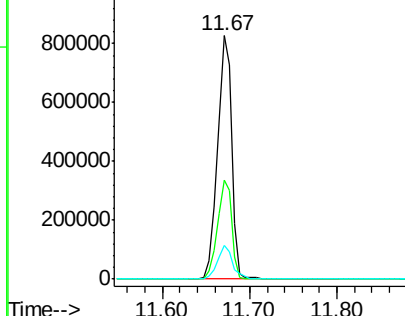
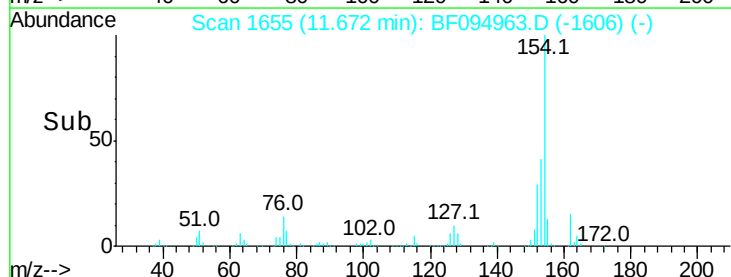


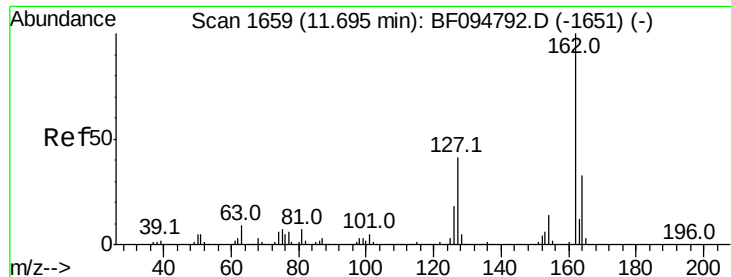
#45
1,1'-Biphenyl
Concen: 41.52 ng
RT: 11.67 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BF094963.D
Acq: 8 May 2017 1:59

Tgt Ion:154 Resp: 936037
Ion Ratio Lower Upper
154 100
153 40.9 21.2 61.2
76 13.7 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

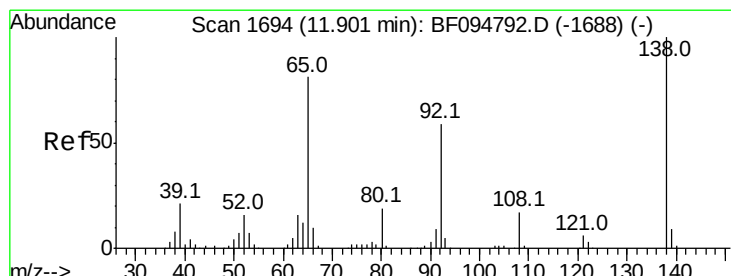
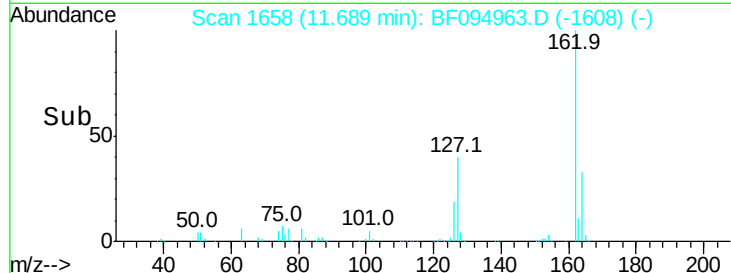
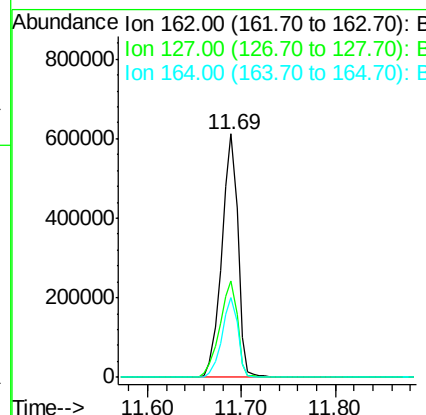
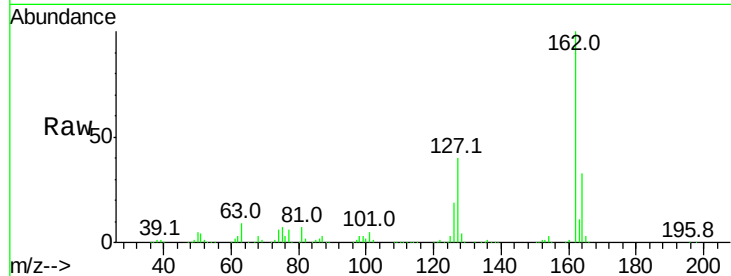




#46
 2-Chloronaphthalene
 Concen: 40.70 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: BF094963.D
 Acq: 8 May 2017 1:59

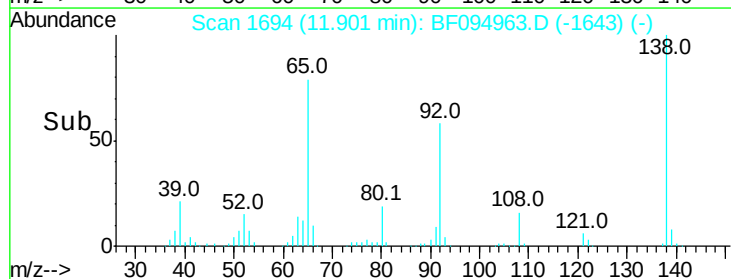
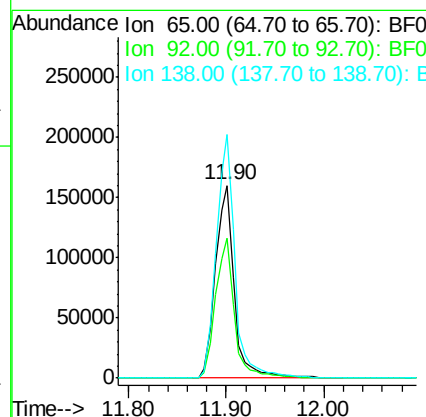
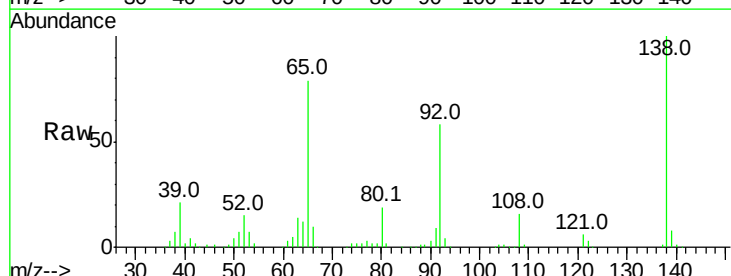
Instrument :
 BNA_F
 ClientSampleId :

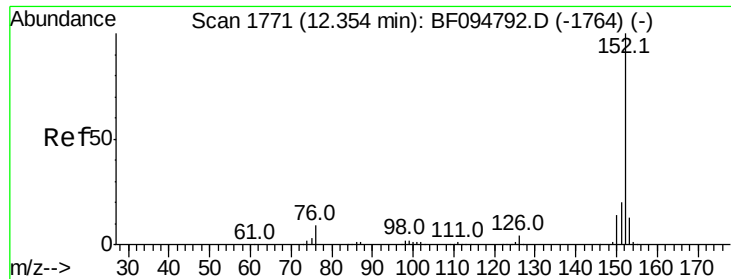
Tot Ion:162	Resp:	740913
Ion Ratio	Lower	Upper
162	100	
127	39.5	28.3 42.5
164	32.8	27.0 40.4



#47
 2-Nitroaniline
 Concen: 43.09 ng
 RT: 11.90 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BF094963.D
 Acq: 8 May 2017 1:59

Tgt Ion: 65	Resp:	214680
Ion Ratio	Lower	Upper
65	100	
92	72.8	53.9 80.9
138	126.5	78.8 118.2#





#48

Acenaphthylene

Concen: 39.82 ng

RT: 12.35 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

Instrument :

BNA_F

ClientSampled :

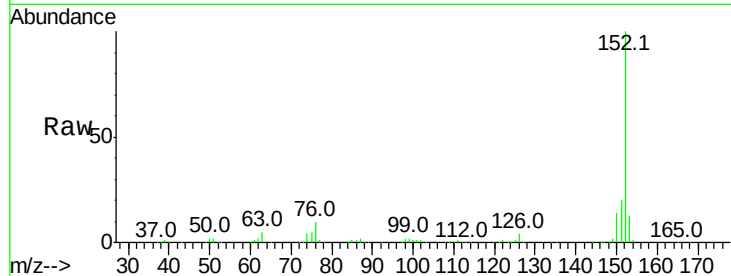
Tot Ion:152 Resp: 1135233

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

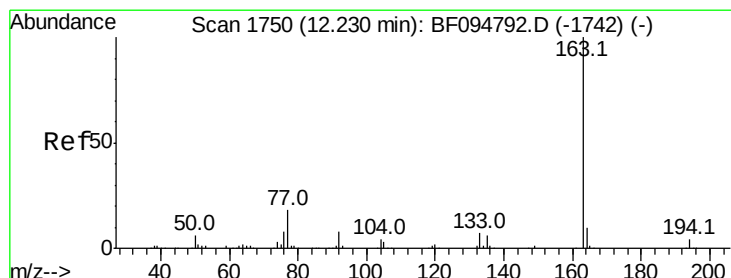
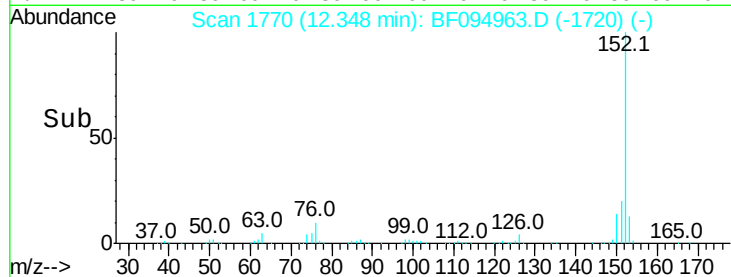
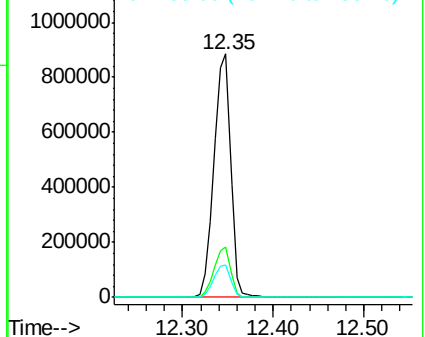
153 13.5 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 38.26 ng

RT: 12.22 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

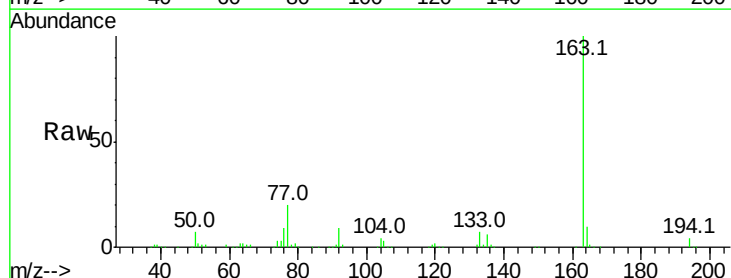
Tgt Ion:163 Resp: 841037

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

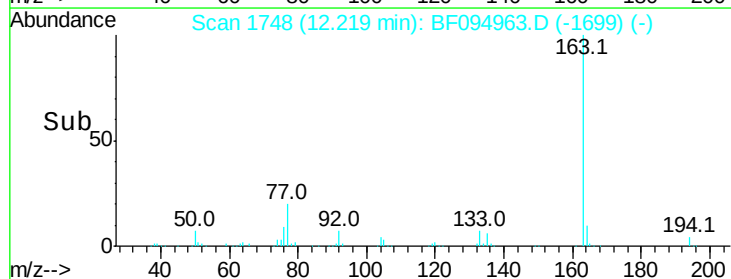
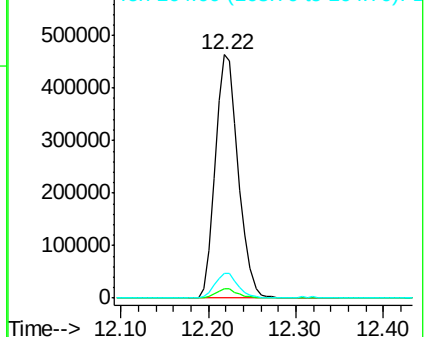
164 10.4 8.4 12.6

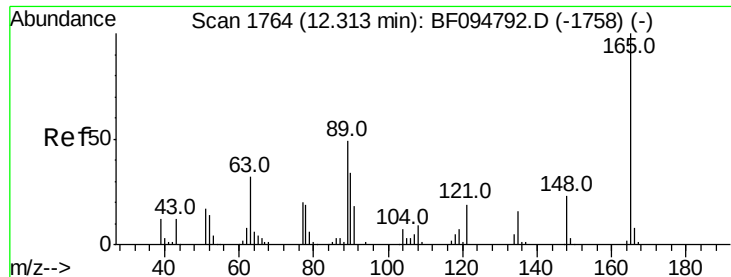


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

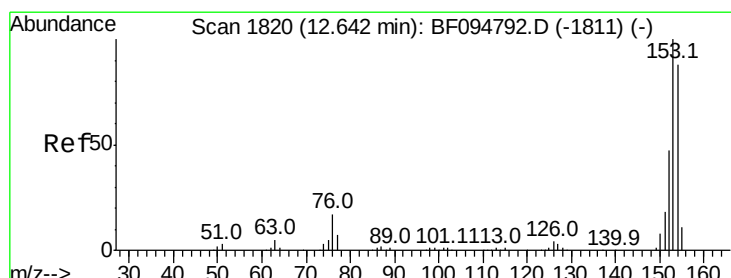
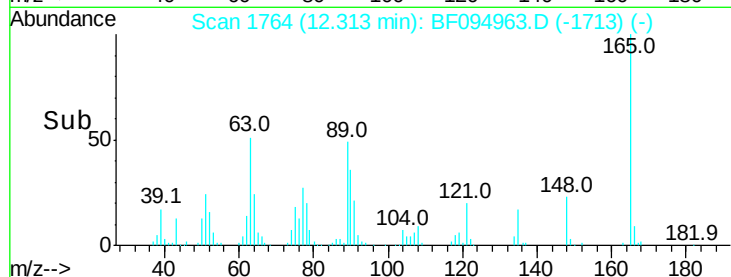
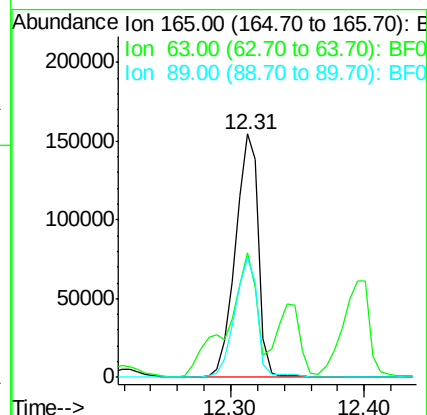
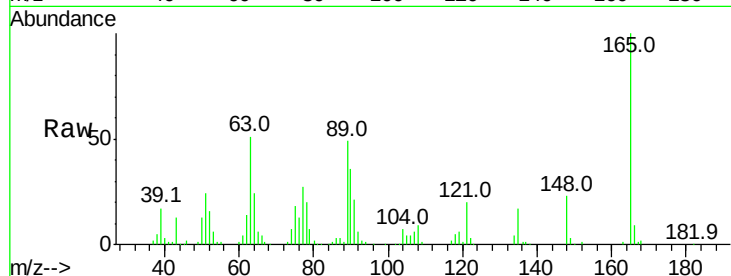




#50
 2,6-Dinitrotoluene
 Concen: 41.71 ng
 RT: 12.31 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BF094963.D
 Acq: 8 May 2017 1:59

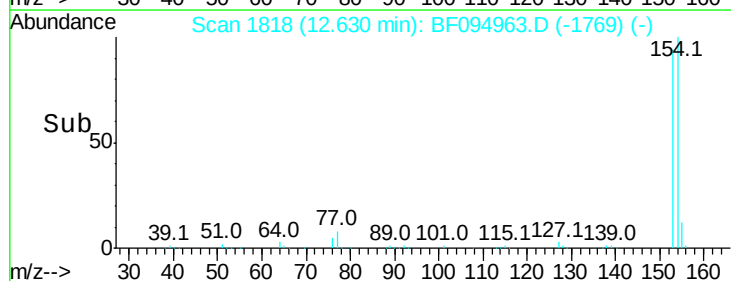
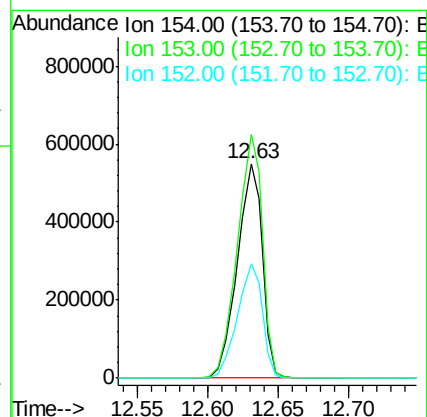
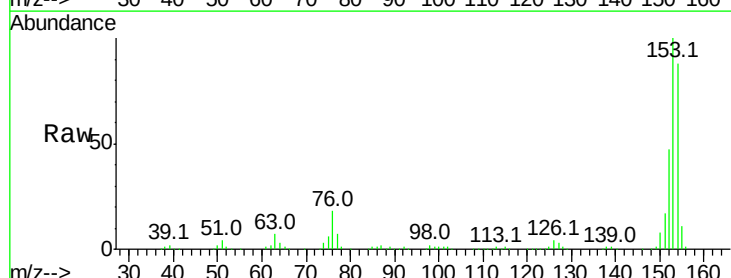
Instrument :
 BNA_F
 ClientSampleId :

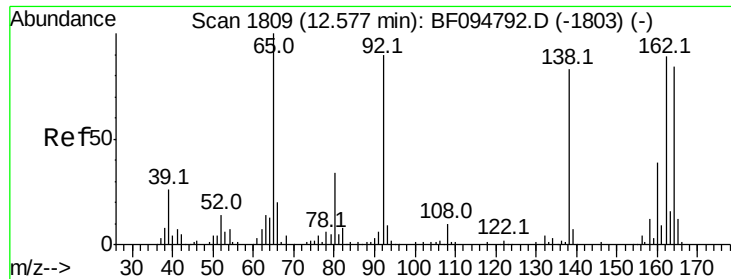
Tot Ion:165 Resp: 187041
 Ion Ratio Lower Upper
 165 100
 63 51.4 34.3 51.5
 89 49.2 37.1 55.7



#51
 Acenaphthene
 Concen: 39.71 ng
 RT: 12.63 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF094963.D
 Acq: 8 May 2017 1:59

Tgt Ion:154 Resp: 676293
 Ion Ratio Lower Upper
 154 100
 153 113.5 90.5 135.7
 152 53.0 43.6 65.4





#52

3-Nitroaniline

Concen: 41.60 ng

RT: 12.58 min Scan# 1810

Delta R.T. 0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

Instrument :

BNA_F

ClientSampleId :

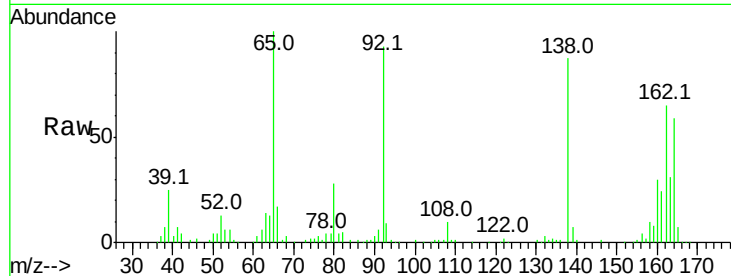
Tot Ion:138 Resp: 200225

Ion Ratio Lower Upper

138 100

108 11.4 9.1 13.7

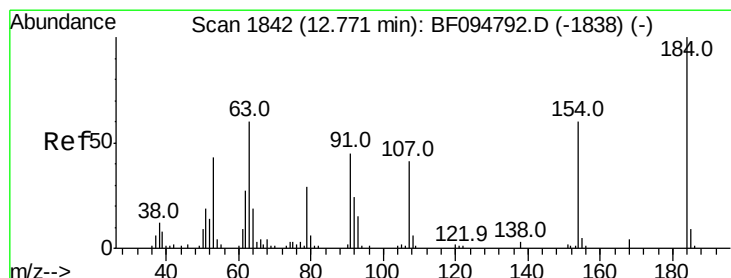
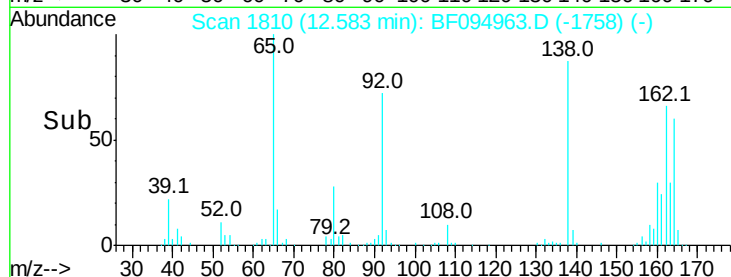
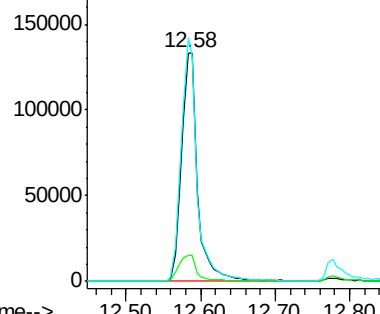
92 106.4 93.8 140.6



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: 40.66 ng

RT: 12.78 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

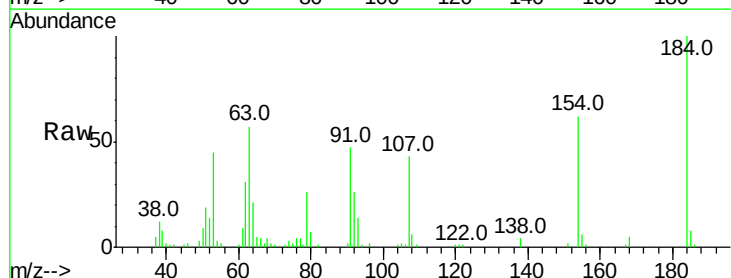
Tgt Ion:184 Resp: 92187

Ion Ratio Lower Upper

184 100

63 57.3 62.7 94.1#

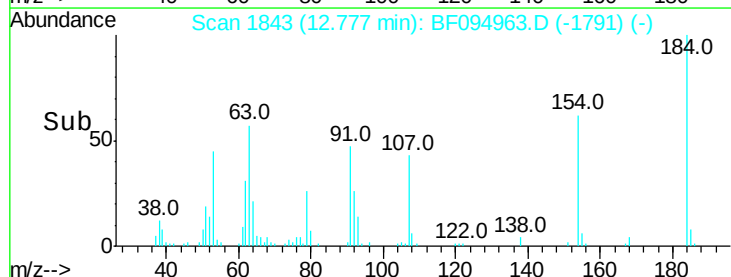
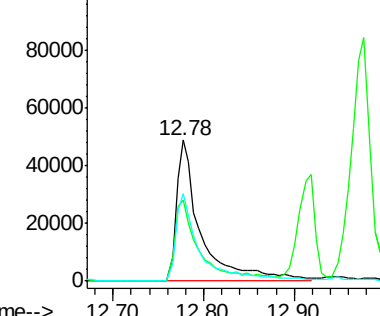
154 62.1 81.1 121.7#

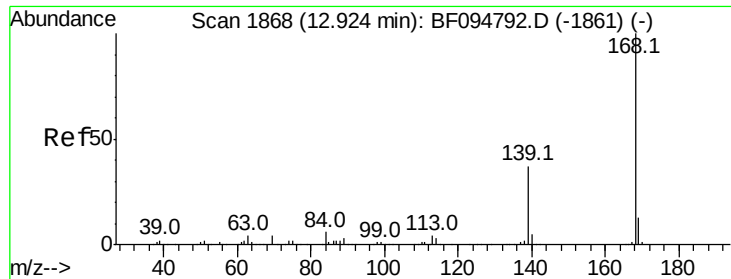


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 44.41 ng

RT: 12.92 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

Instrument :

BNA_F

ClientSampleId :

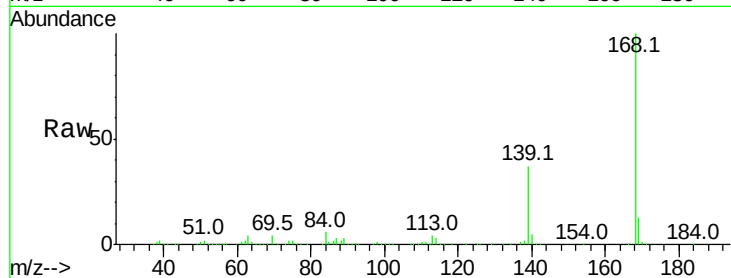
Tot Ion:168 Resp: 1046621

Ion Ratio Lower Upper

168 100

139 36.9 30.6 45.8

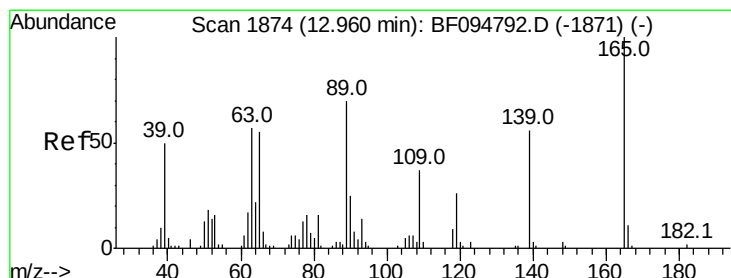
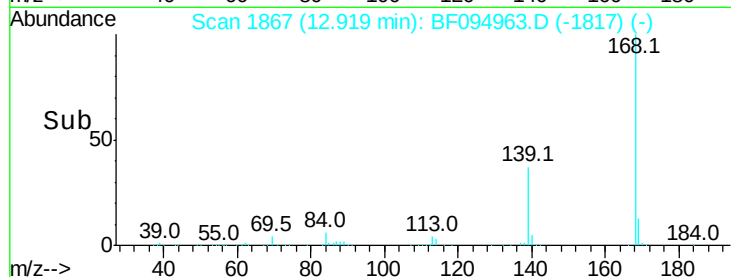
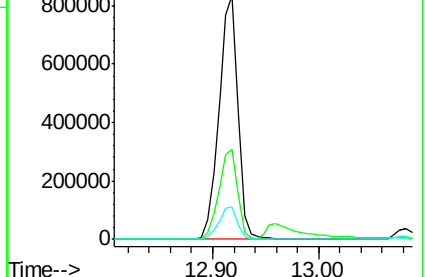
169 13.3 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 46.51 ng

RT: 12.96 min Scan# 1874

Delta R.T. 0.00 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

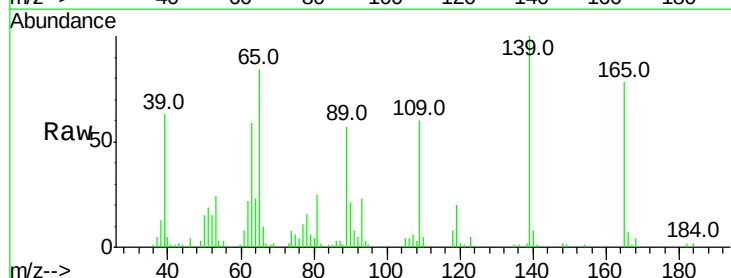
Tgt Ion:139 Resp: 134471

Ion Ratio Lower Upper

139 100

109 60.1 34.1 74.1

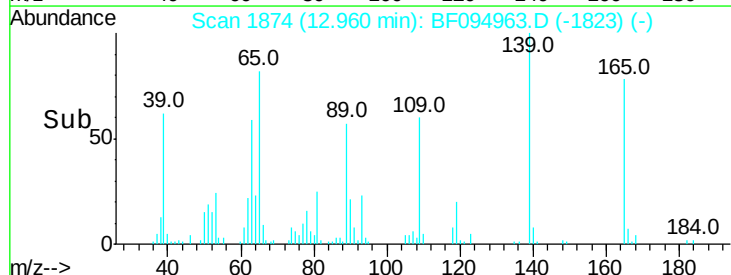
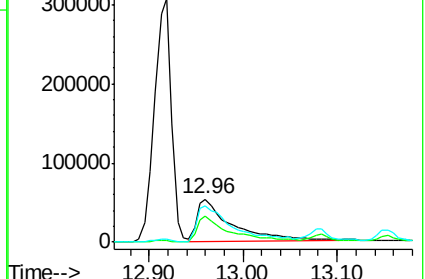
65 84.3 31.4 71.4#

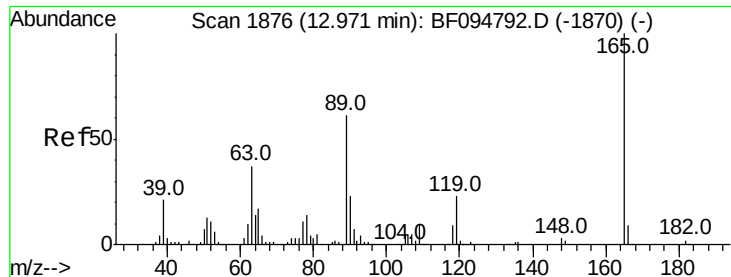


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

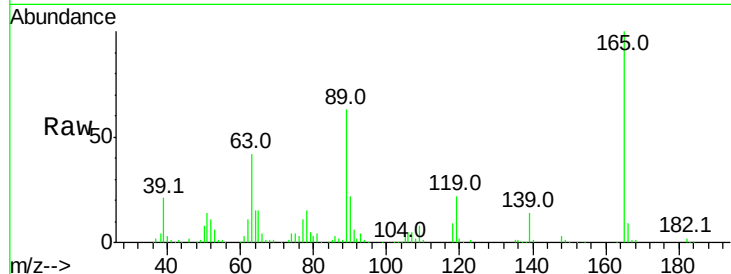




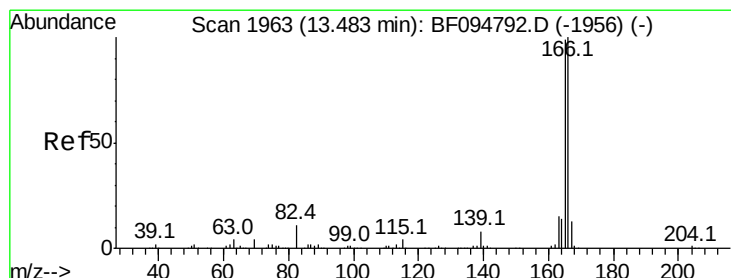
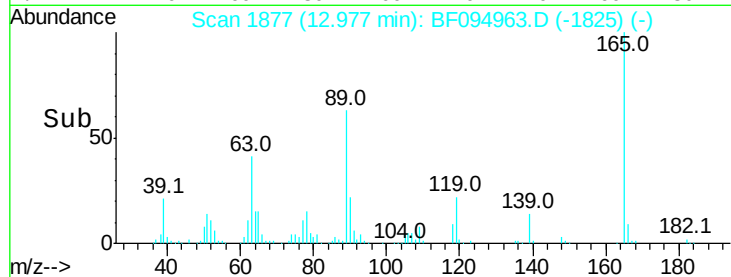
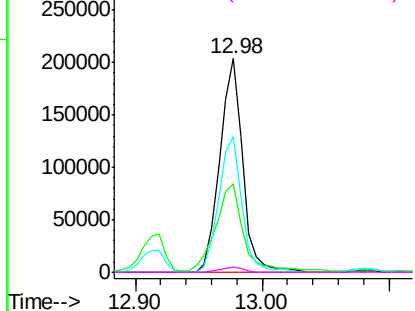
#56
2,4-Dinitrotoluene
Concen: 44.60 ng
RT: 12.98 min Scan# 1877
Delta R.T. 0.01 min
Lab File: BF094963.D
Acq: 8 May 2017 1:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 257021
Ion Ratio Lower Upper
165 100
63 41.5 25.4 38.0#
89 63.4 46.4 69.6
182 2.5 1.8 2.6

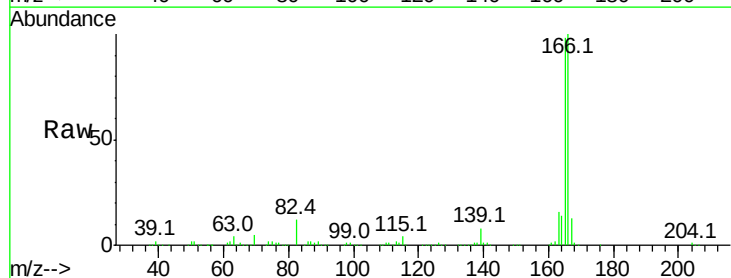


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

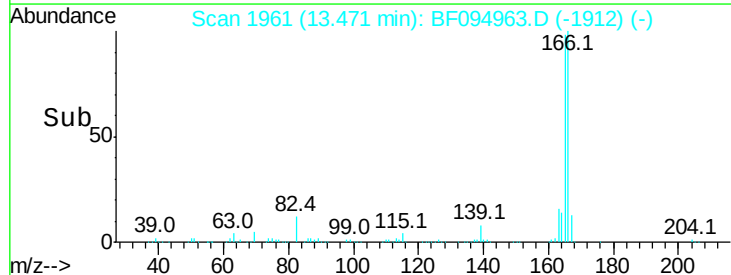
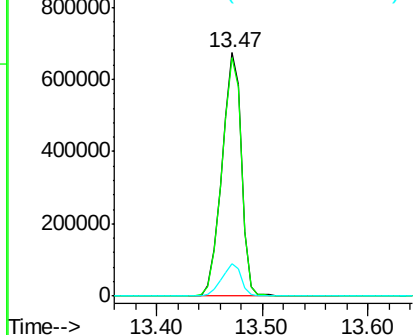


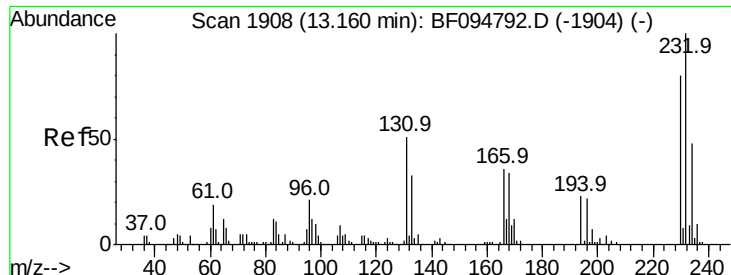
#57
Fluorene
Concen: 42.17 ng
RT: 13.47 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BF094963.D
Acq: 8 May 2017 1:59

Tgt Ion:166 Resp: 864107
Ion Ratio Lower Upper
166 100
165 97.8 78.8 118.2
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

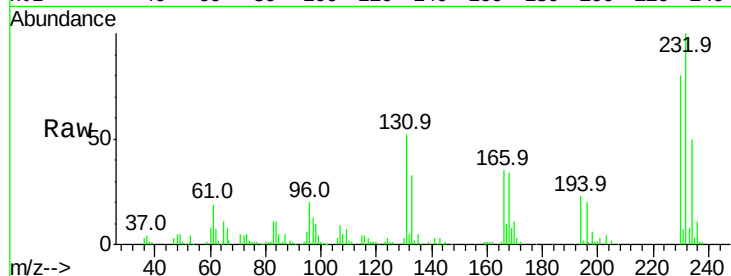




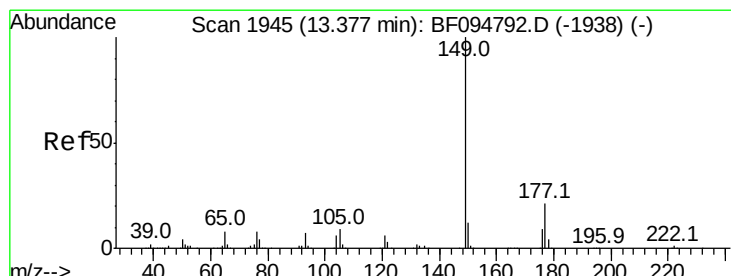
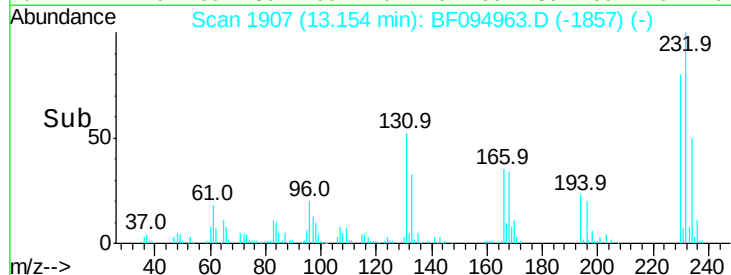
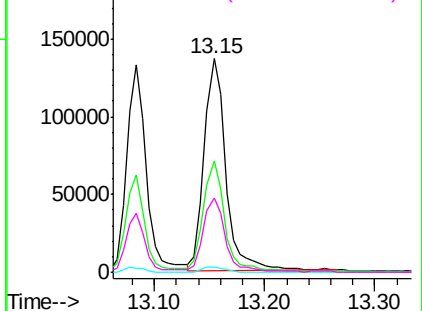
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.52 ng
 RT: 13.15 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BF094963.D
 Acq: 8 May 2017 1:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 184145
 Ion Ratio Lower Upper
 232 100
 131 51.1 44.8 67.2
 130 2.5 2.3 3.5
 166 34.7 29.0 43.4

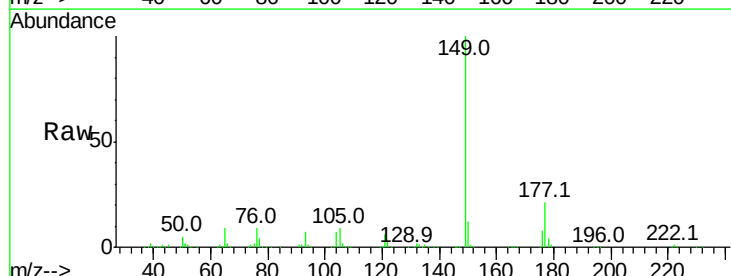


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

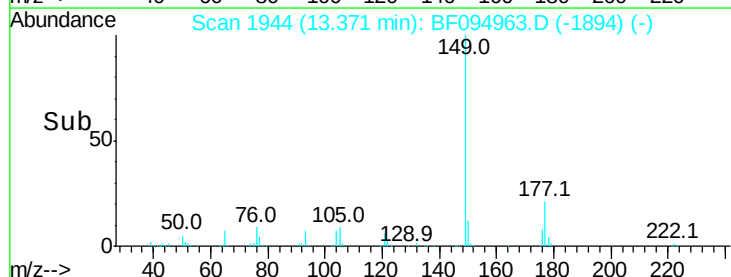
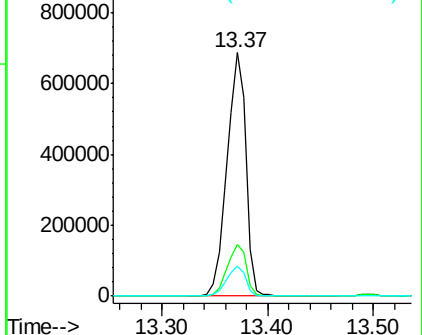


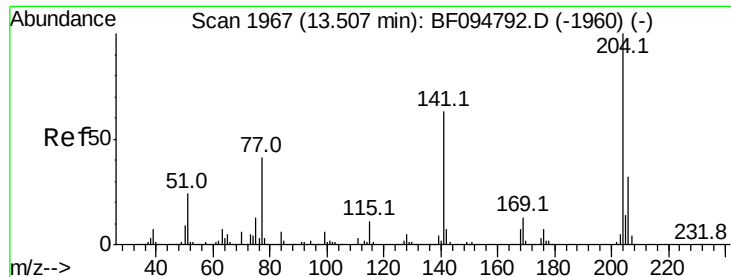
#59
 Diethylphthalate
 Concen: 40.19 ng
 RT: 13.37 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BF094963.D
 Acq: 8 May 2017 1:59

Tgt Ion:149 Resp: 846735
 Ion Ratio Lower Upper
 149 100
 177 21.4 16.7 25.1
 150 12.4 10.2 15.2



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

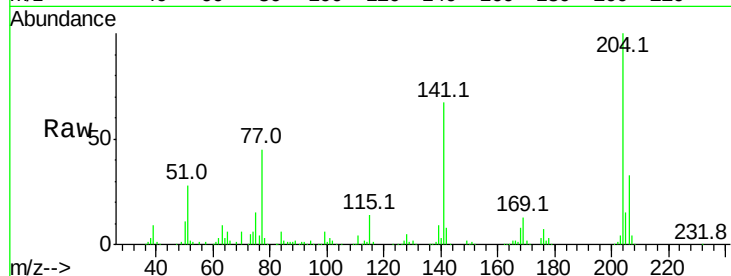




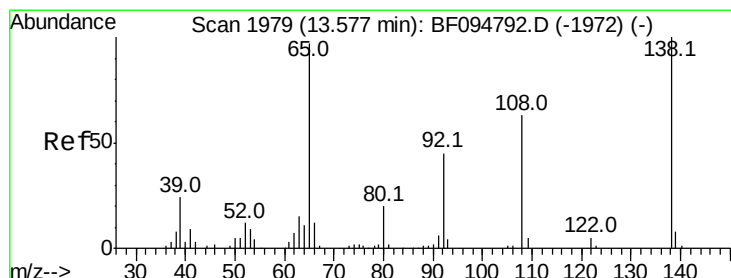
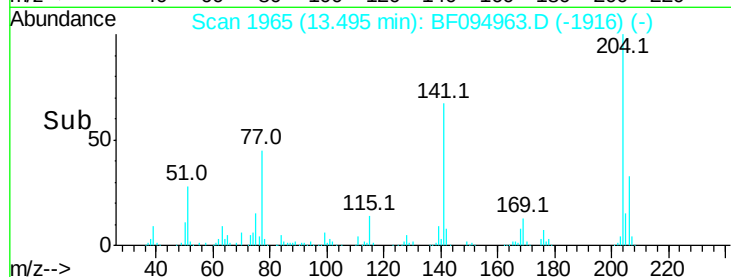
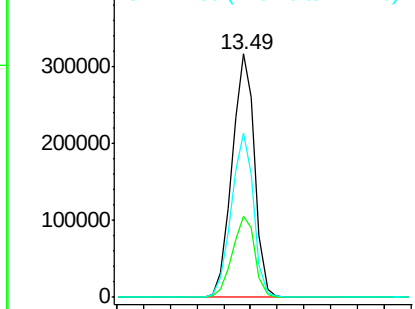
#60
4-Chlorophenyl-phenylether
Concen: 41.77 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BF094963.D
Acq: 8 May 2017 1:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 376190
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 67.2 60.8 91.2

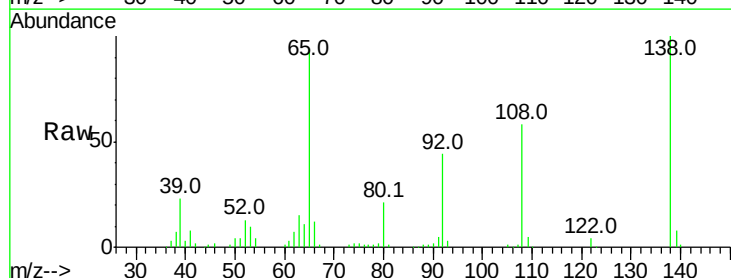


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

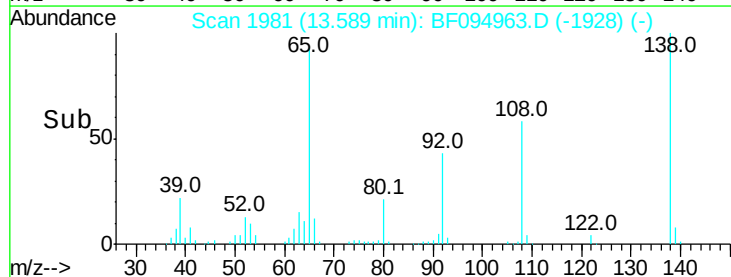
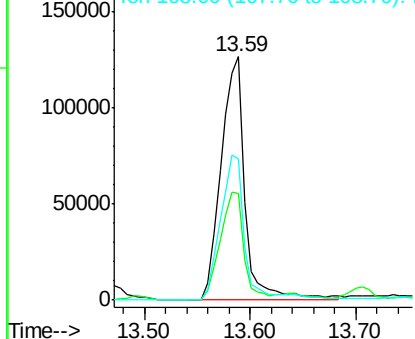


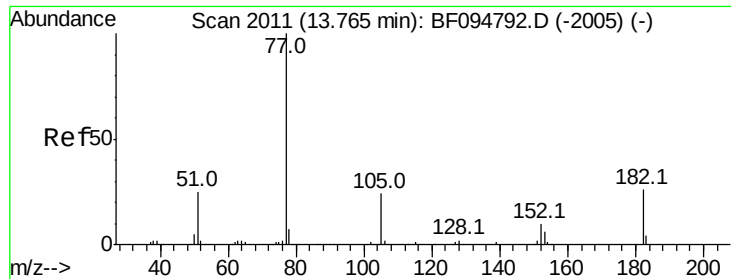
#61
4-Nitroaniline
Concen: 45.35 ng
RT: 13.59 min Scan# 1981
Delta R.T. 0.01 min
Lab File: BF094963.D
Acq: 8 May 2017 1:59

Tgt Ion:138 Resp: 200409
Ion Ratio Lower Upper
138 100
92 43.6 21.8 61.8
108 58.1 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: 47.70 ng

RT: 13.75 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 807598

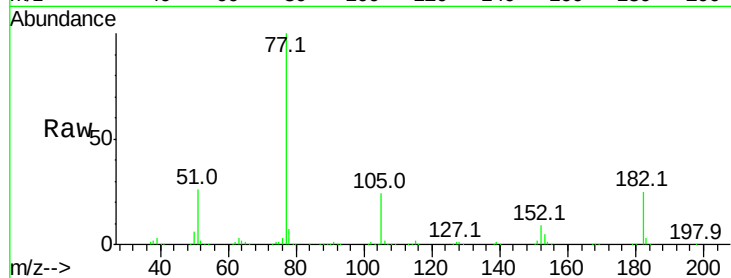
Ion Ratio Lower Upper

77 100

182 24.8 0.1 40.1

105 23.5 3.6 43.6

51 26.4 9.4 49.4

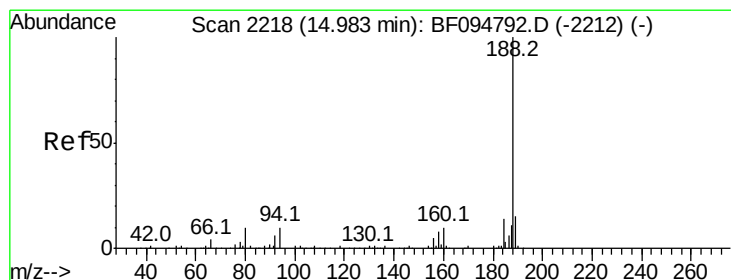
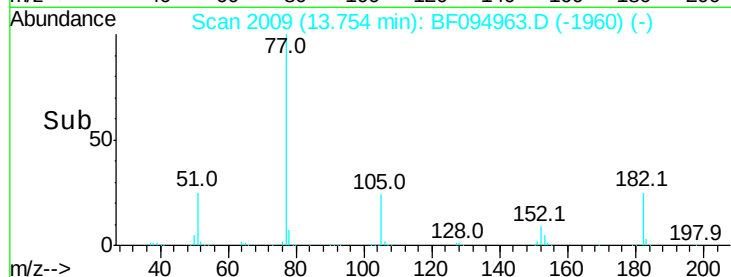
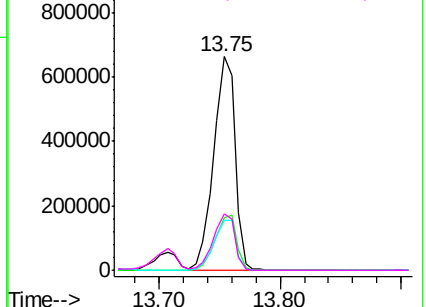


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.98 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

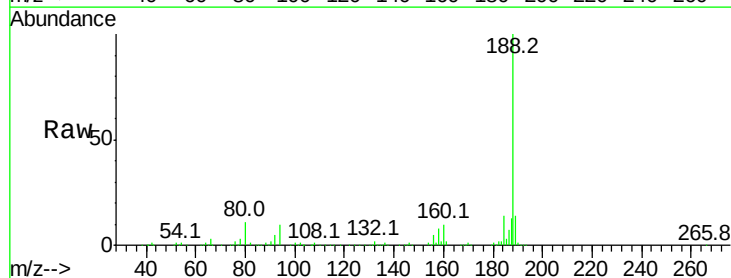
Tgt Ion: 188 Resp: 517183

Ion Ratio Lower Upper

188 100

94 9.7 9.4 14.2

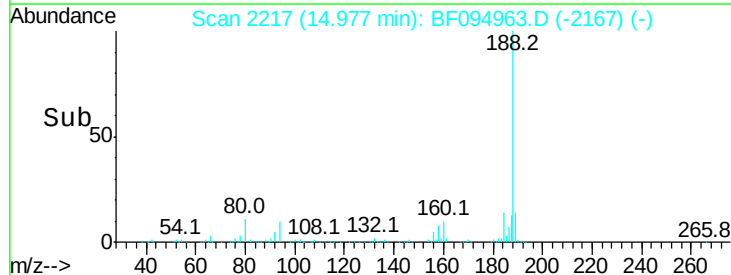
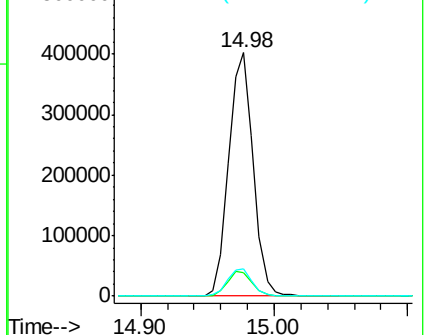
80 11.3 10.2 15.2

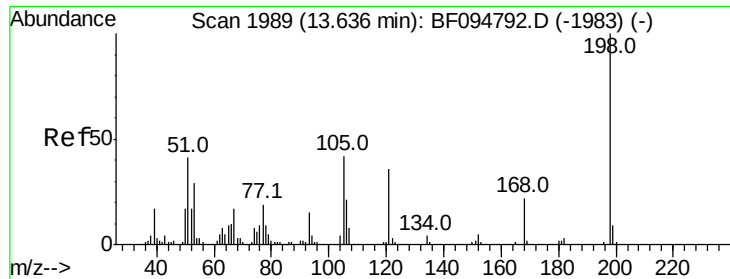


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 41.09 ng

RT: 13.64 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

Instrument :

BNA_F

ClientSampled :

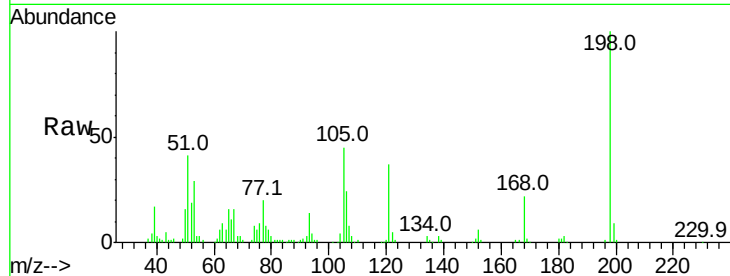
Tot Ion:198 Resp: 142465

Ion Ratio Lower Upper

198 100

51 41.0 53.2 93.2#

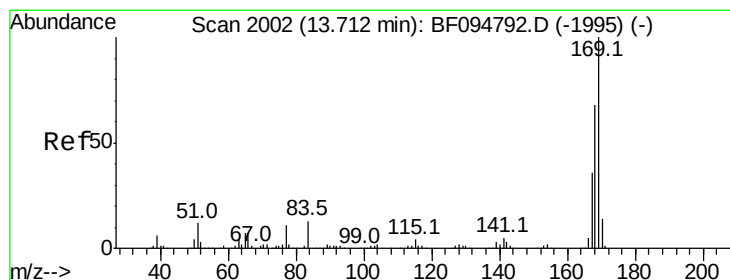
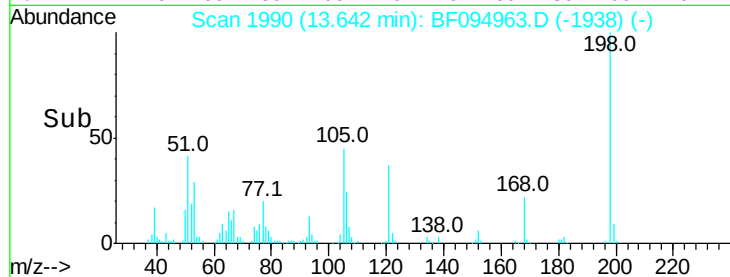
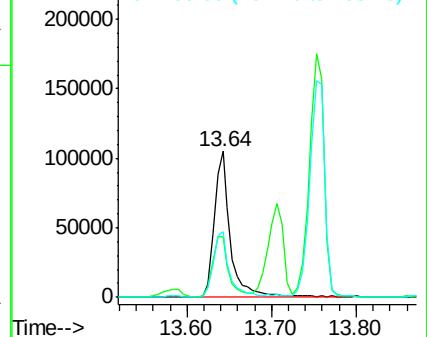
105 44.6 45.8 85.8#



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: 38.01 ng

RT: 13.71 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

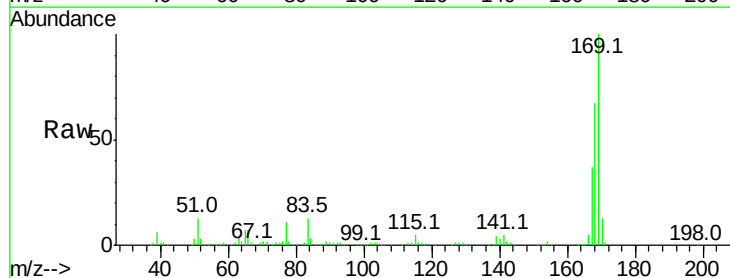
Tgt Ion:169 Resp: 713558

Ion Ratio Lower Upper

169 100

168 67.2 53.2 79.8

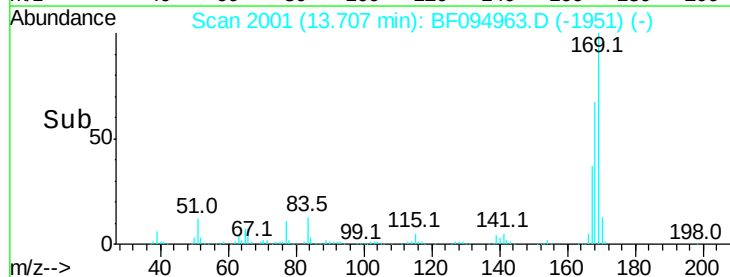
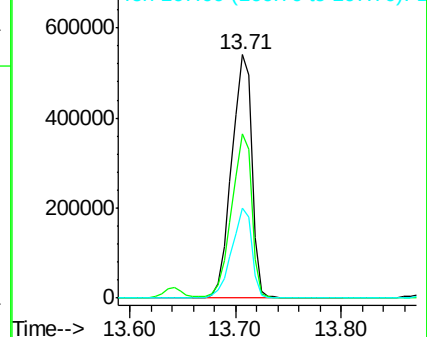
167 36.9 29.5 44.3

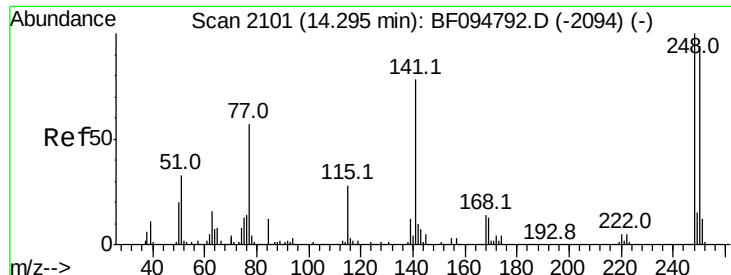


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

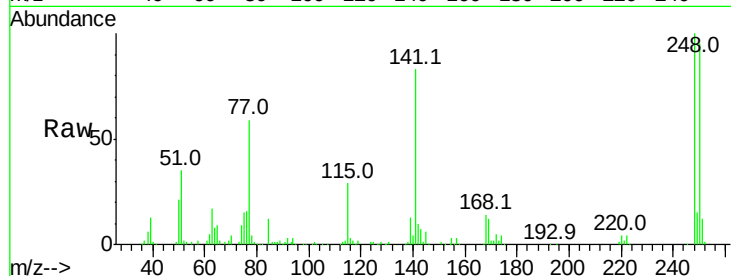




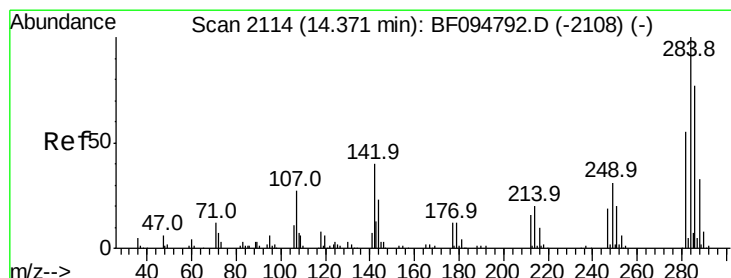
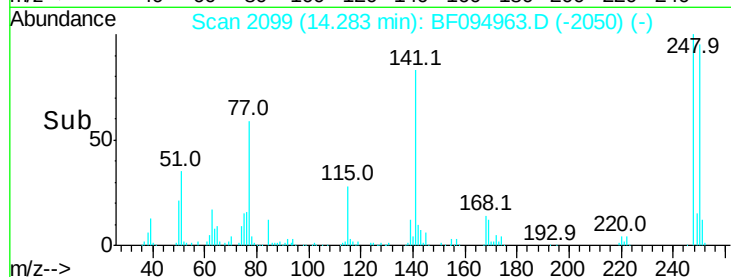
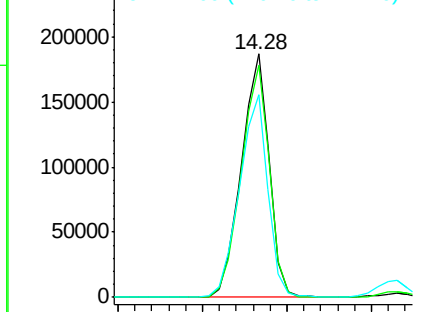
#66
 4-Bromophenyl-phenylether
 Concen: 39.38 ng
 RT: 14.28 min Scan# 2099
 Delta R.T. -0.01 min
 Lab File: BF094963.D
 Acq: 8 May 2017 1:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 215188
 Ion Ratio Lower Upper
 248 100
 250 95.1 76.8 115.2
 141 83.5 68.6 103.0

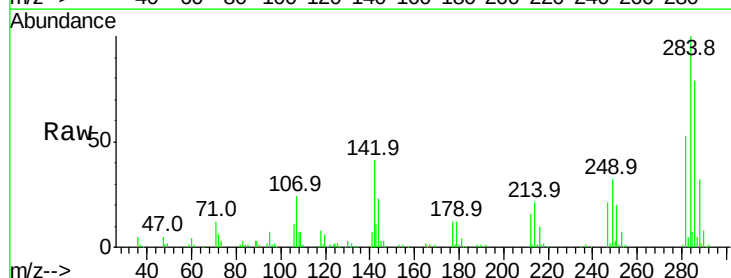


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

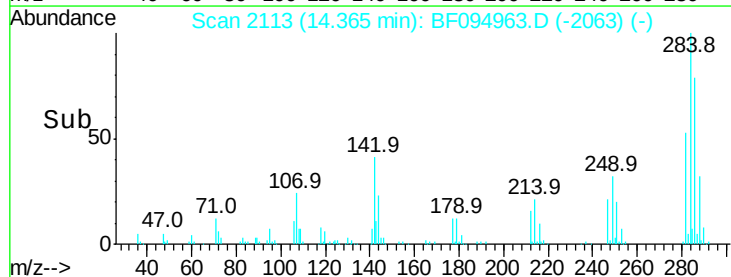
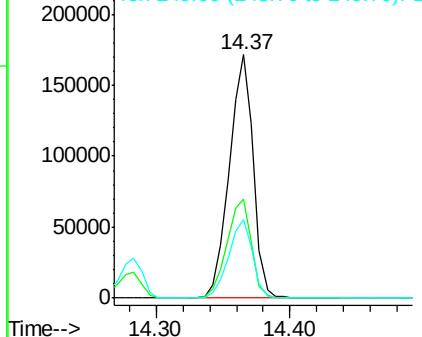


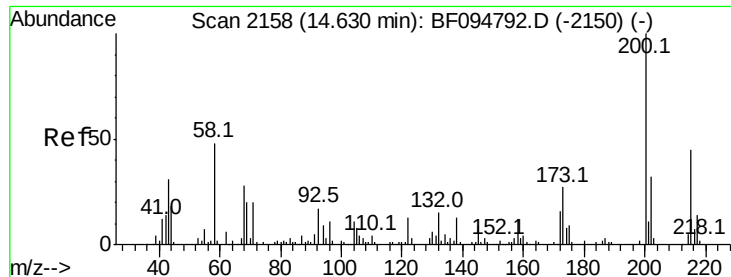
#67
 Hexachlorobenzene
 Concen: 38.42 ng
 RT: 14.37 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BF094963.D
 Acq: 8 May 2017 1:59

Tgt Ion:284 Resp: 215124
 Ion Ratio Lower Upper
 284 100
 142 40.6 22.8 34.2#
 249 32.2 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

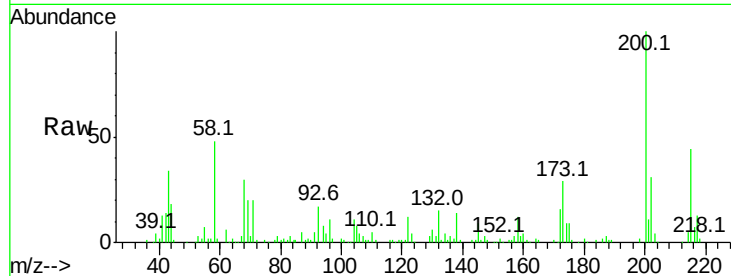




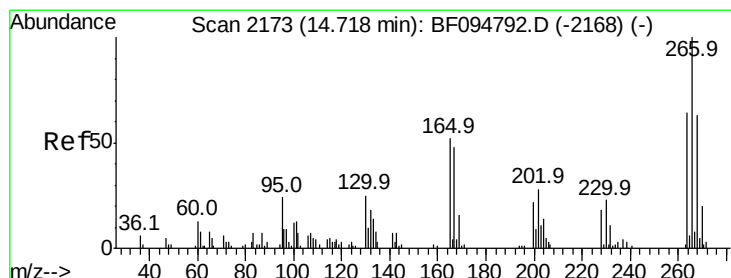
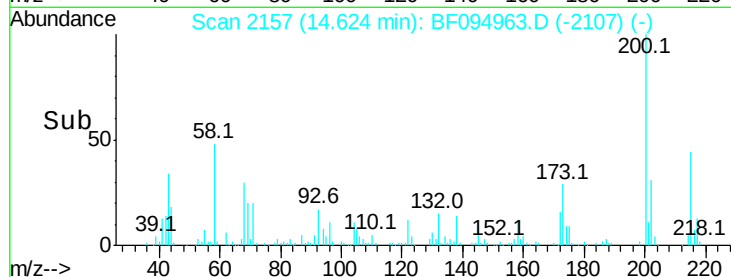
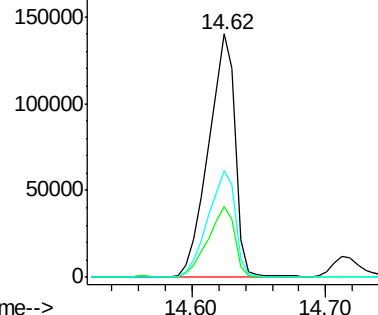
#68
Atrazine
Concen: 36.83 ng
RT: 14.62 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BF094963.D
Acq: 8 May 2017 1:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.1	6.3	46.3
215	43.9	27.2	67.2

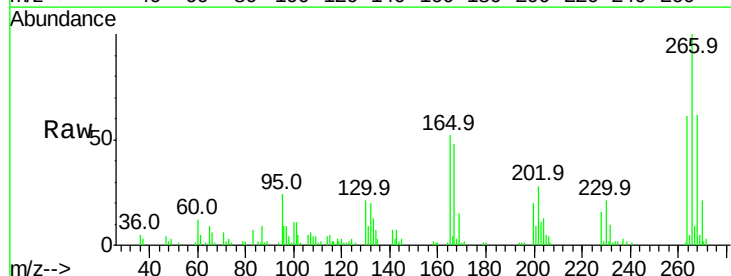


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

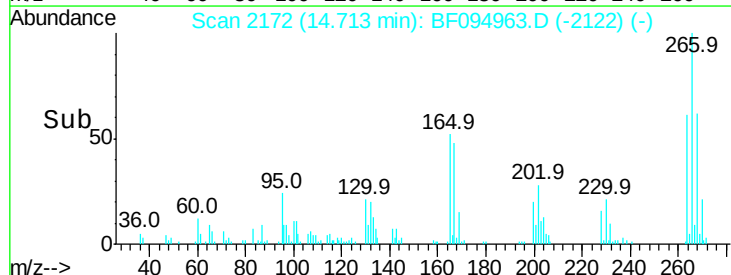
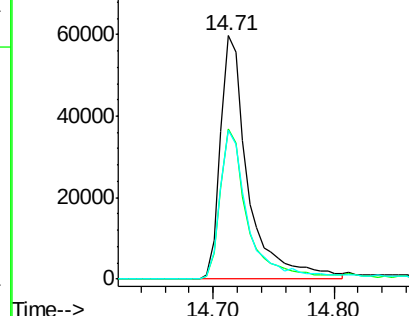


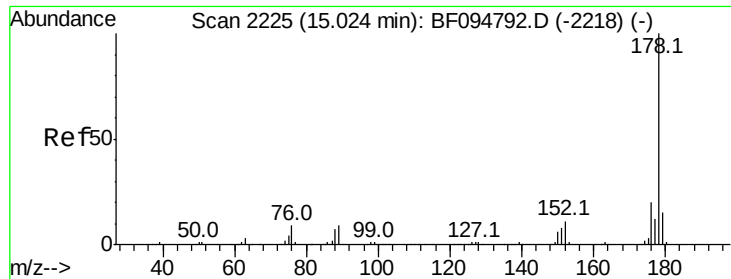
#69
Pentachlorophenol
Concen: 40.52 ng
RT: 14.71 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BF094963.D
Acq: 8 May 2017 1:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.6	51.1	76.7
264	61.0	51.7	77.5



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

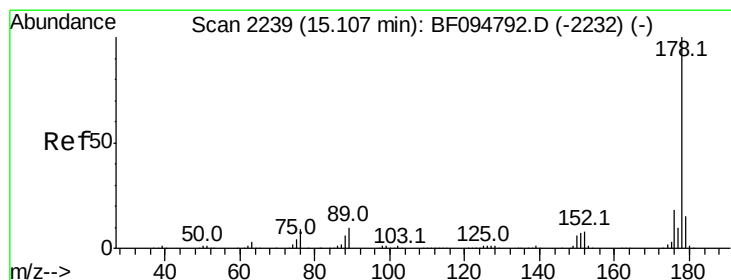
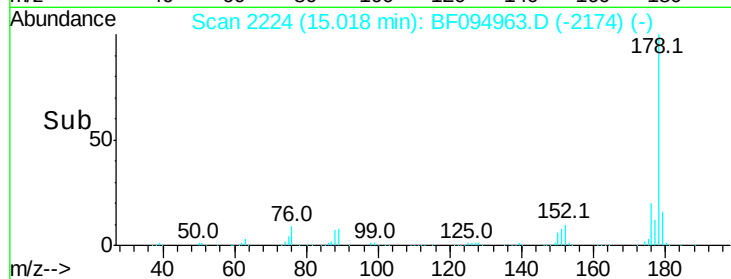
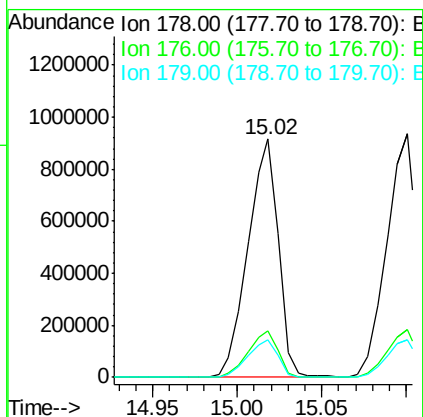
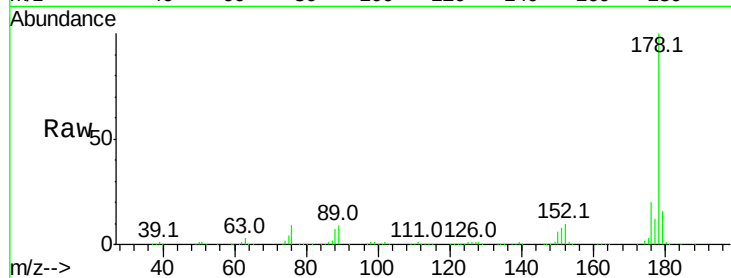




#70
 Phenanthrene
 Concen: 38.71 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF094963.D
 Acq: 8 May 2017 1:59

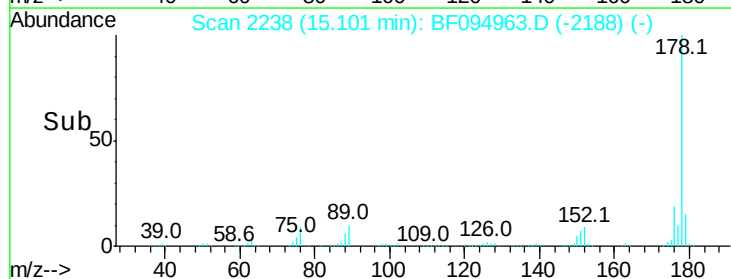
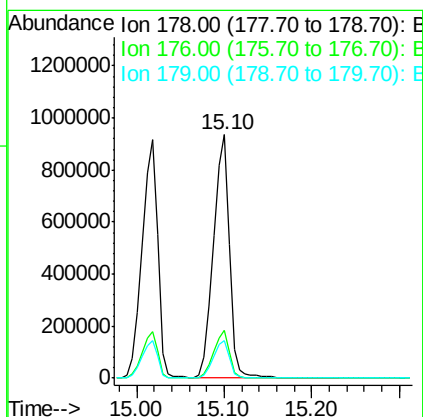
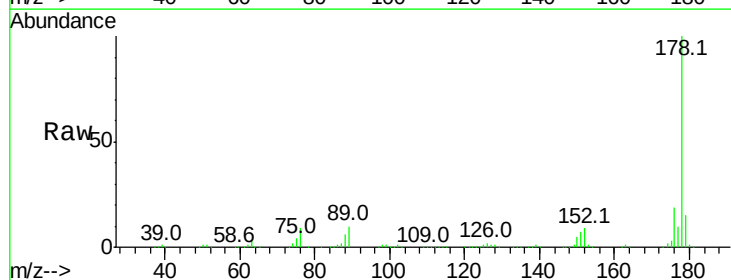
Instrument :
 BNA_F
 ClientSampleId :

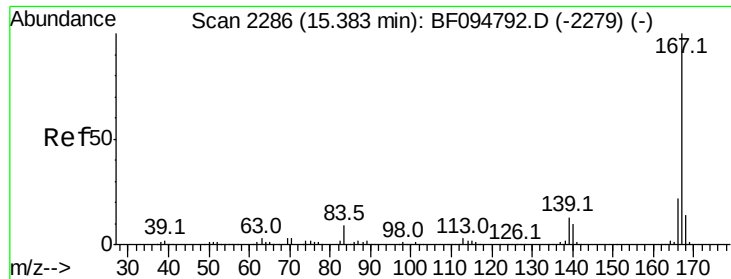
Tot Ion:178 Resp: 1150308
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.2 24.4
 179 15.9 12.6 19.0



#71
 Anthracene
 Concen: 39.44 ng
 RT: 15.10 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BF094963.D
 Acq: 8 May 2017 1:59

Tgt Ion:178 Resp: 1197038
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.3 12.7 19.1

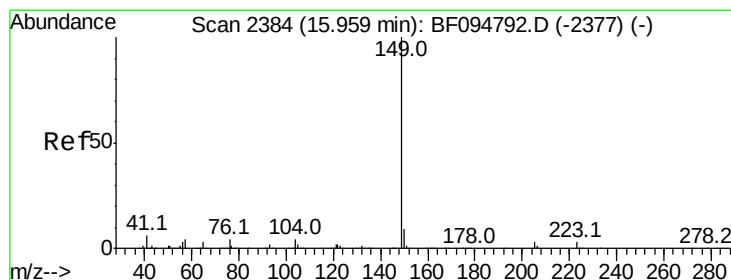
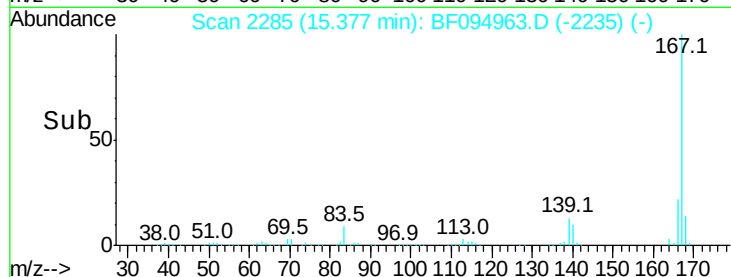
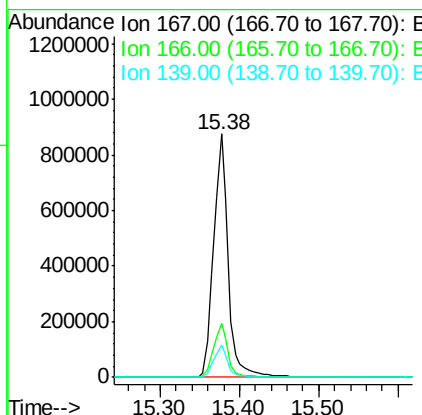
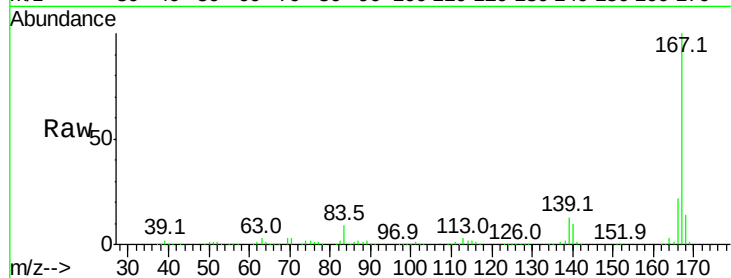




#72
 Carbazole
 Concen: 40.41 ng
 RT: 15.38 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BF094963.D
 Acq: 8 May 2017 1:59

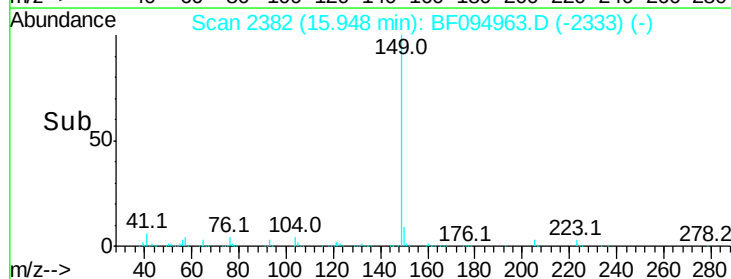
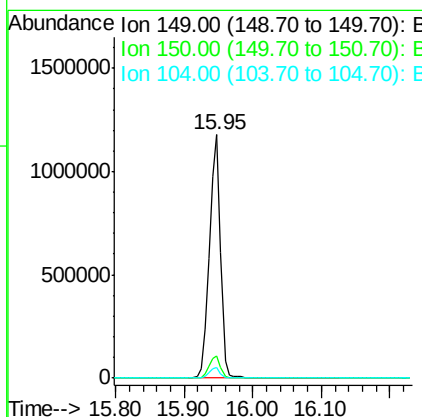
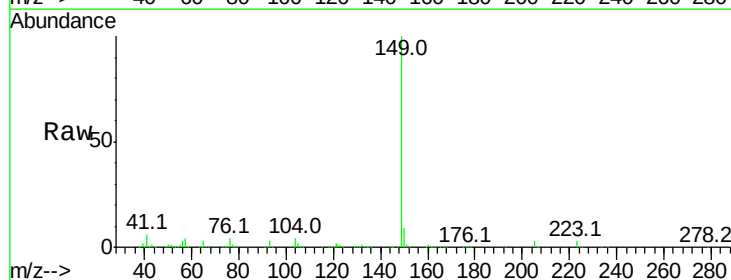
Instrument :
 BNA_F
 ClientSampleId :

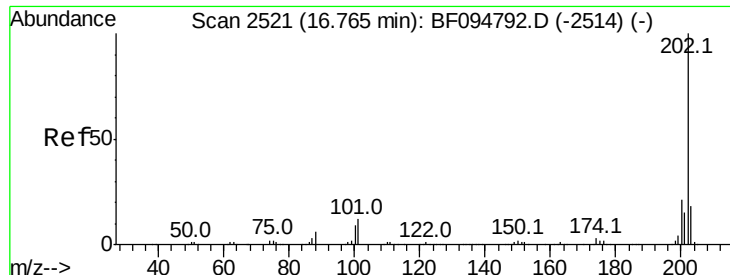
Tot Ion:167 Resp: 1116049
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.3 11.7 17.5



#73
 Di-n-butylphthalate
 Concen: 38.85 ng
 RT: 15.95 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BF094963.D
 Acq: 8 May 2017 1:59

Tgt Ion:149 Resp: 1337927
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 4.3 4.0 6.0

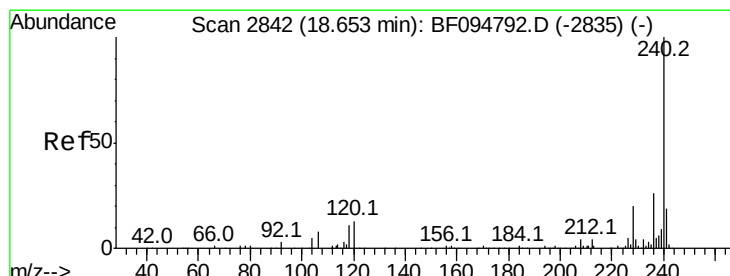
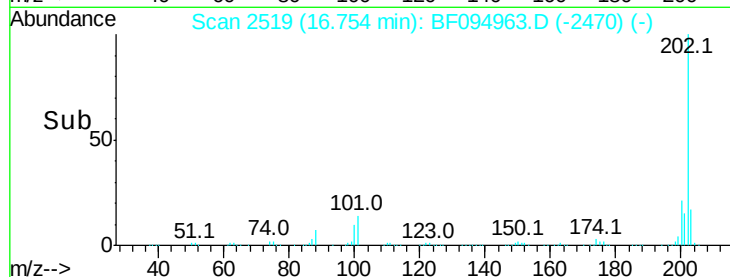
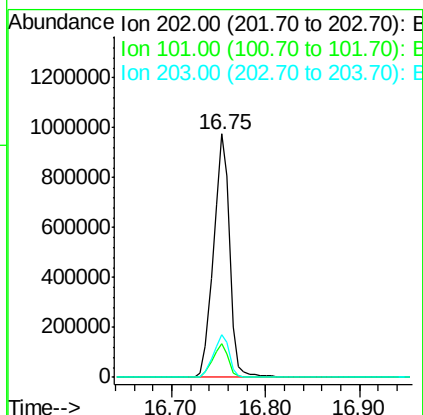
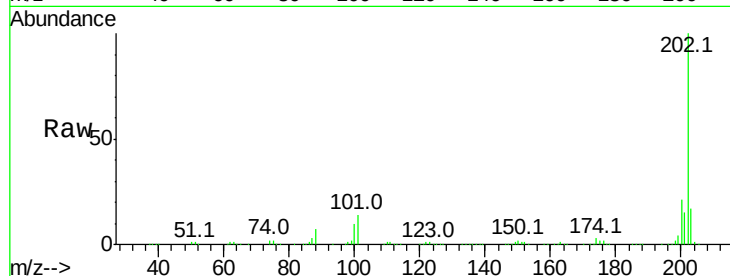




#74
 Fluoranthene
 Concen: 38.73 ng
 RT: 16.75 min Scan# 2519
 Delta R.T. -0.01 min
 Lab File: BF094963.D
 Acq: 8 May 2017 1:59

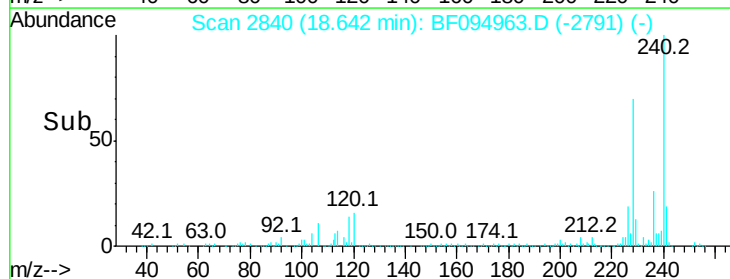
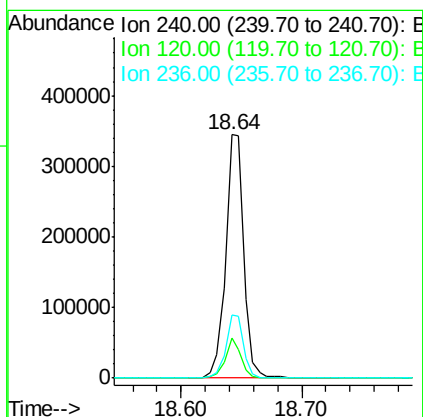
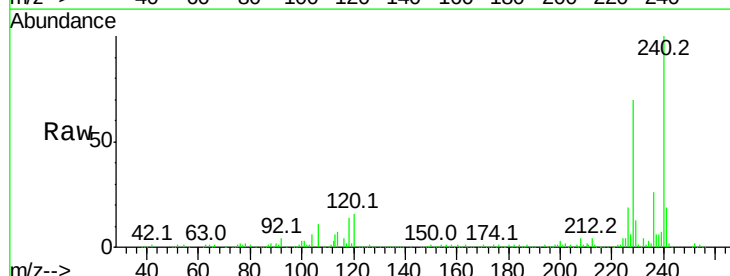
Instrument :
 BNA_F
 ClientSampleId :

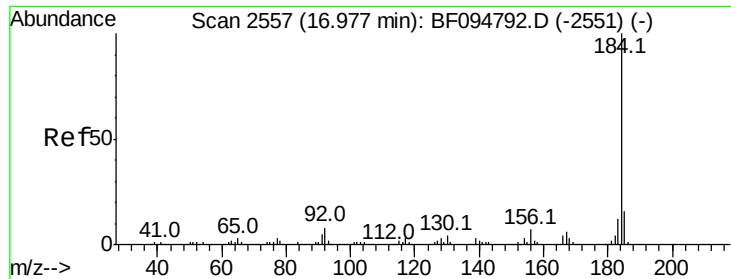
Tot Ion:202 Resp: 1180558
 Ion Ratio Lower Upper
 202 100
 101 13.7 0.0 33.2
 203 17.5 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF094963.D
 Acq: 8 May 2017 1:59

Tgt Ion:240 Resp: 356646
 Ion Ratio Lower Upper
 240 100
 120 16.2 5.8 8.8#
 236 25.9 20.5 30.7





#76

Benzidine

Concen: 61.60 ng

RT: 16.97 min Scan# 2556

Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

Instrument :

BNA_F

ClientSampled :

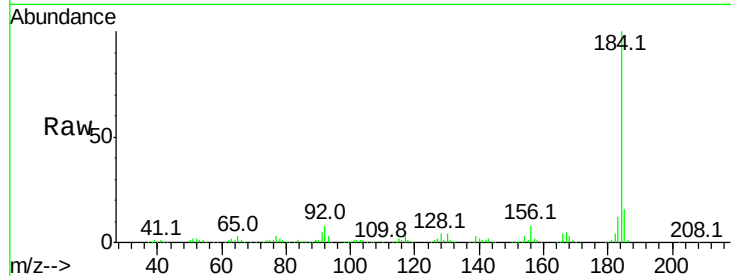
Tot Ion:184 Resp: 615007

Ion Ratio Lower Upper

184 100

185 15.7 15.5 23.3

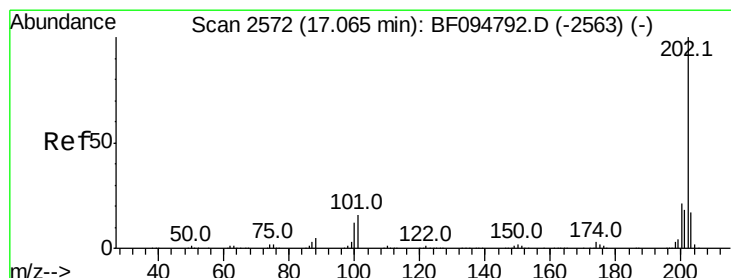
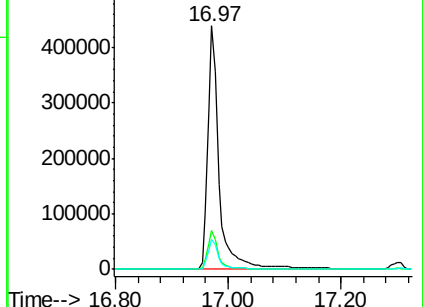
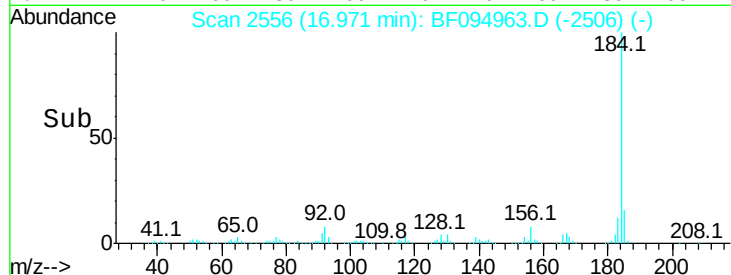
183 12.3 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 44.46 ng

RT: 17.06 min Scan# 2571

Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

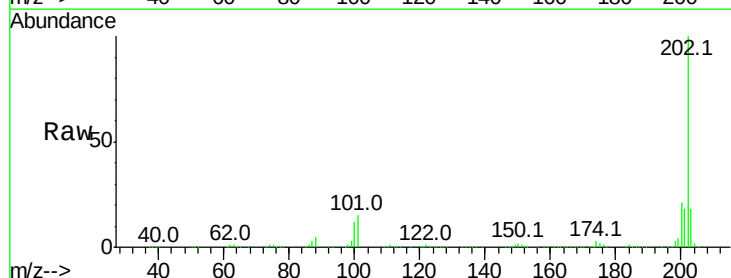
Tgt Ion:202 Resp: 1185894

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

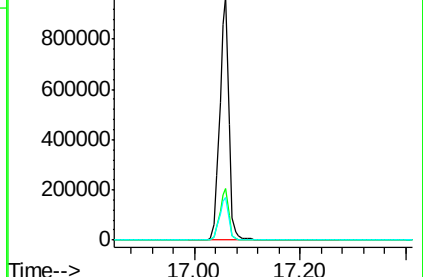
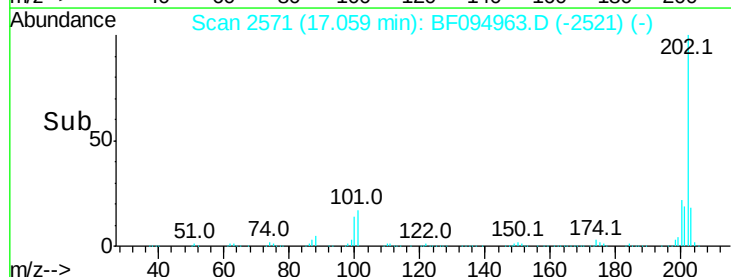
203 17.6 14.4 21.6

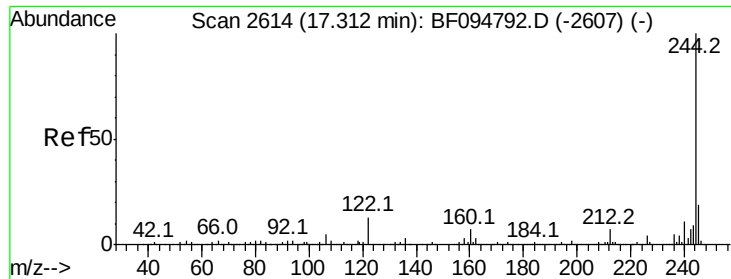


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

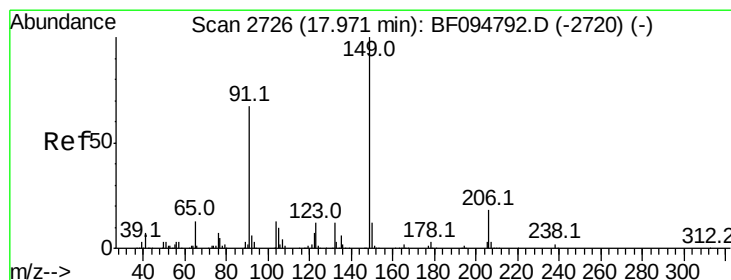
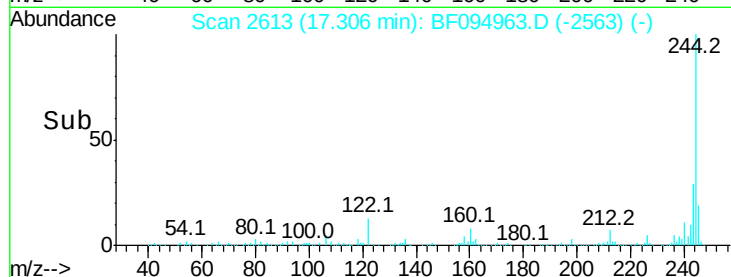
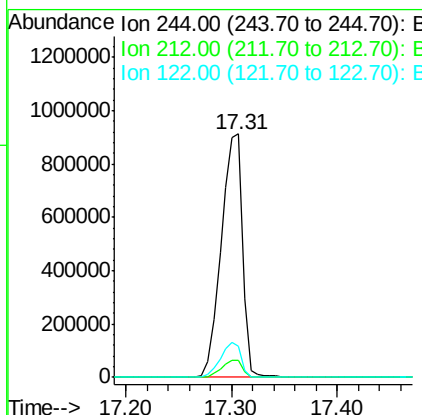
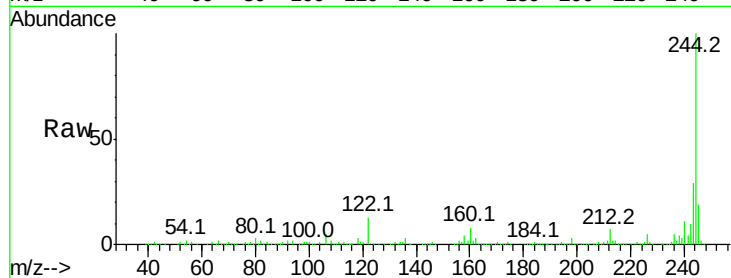




#78
 Terphenyl-d14
 Concen: 79.34 ng
 RT: 17.31 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BF094963.D
 Acq: 8 May 2017 1:59

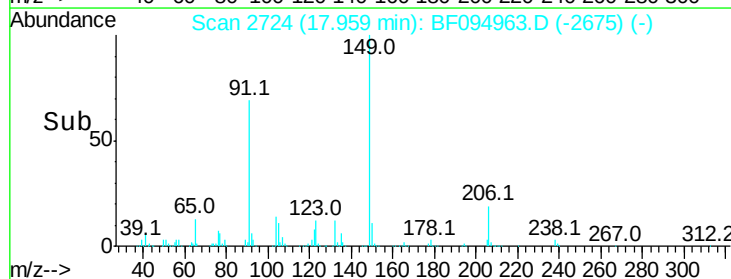
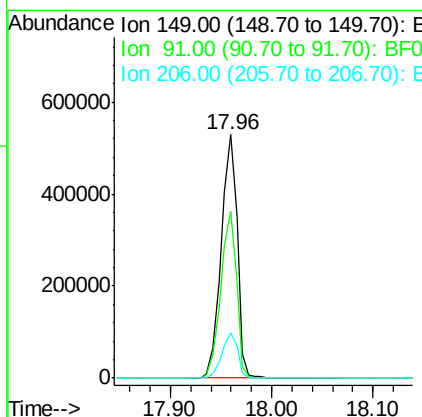
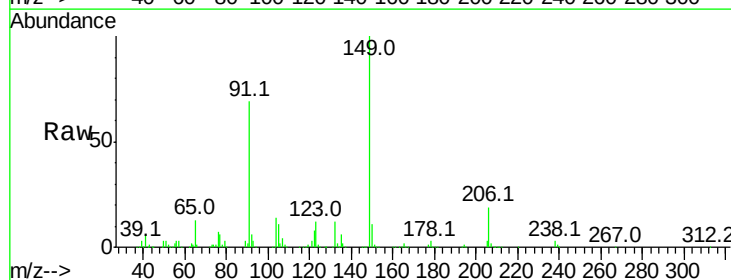
Instrument :
 BNA_F
 ClientSampleId :

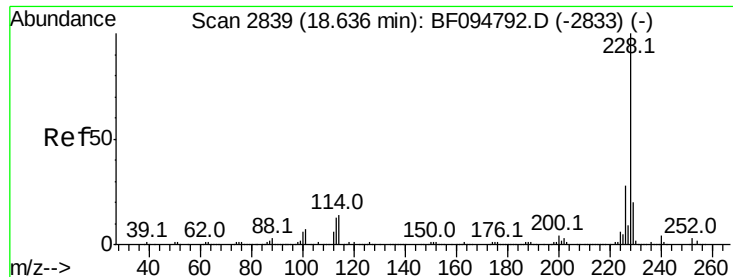
Tot Ion:244 Resp: 1284727
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 12.7 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 46.91 ng
 RT: 17.96 min Scan# 2724
 Delta R.T. -0.01 min
 Lab File: BF094963.D
 Acq: 8 May 2017 1:59

Tgt Ion:149 Resp: 581991
 Ion Ratio Lower Upper
 149 100
 91 68.7 45.0 67.4#
 206 18.7 17.0 25.6





#80

Benzo(a)anthracene

Concen: 40.23 ng

RT: 18.63 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

Instrument :

BNA_F

ClientSampled :

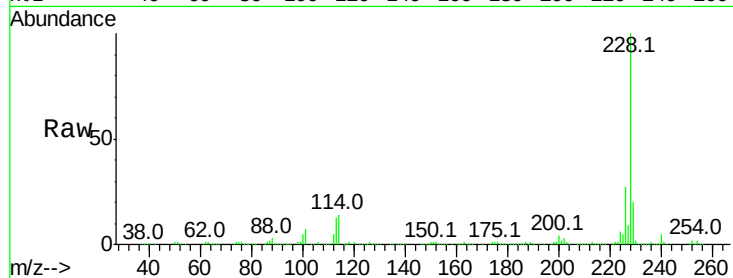
Tot Ion:228 Resp: 834978

Ion Ratio Lower Upper

228 100

226 27.0 22.6 33.8

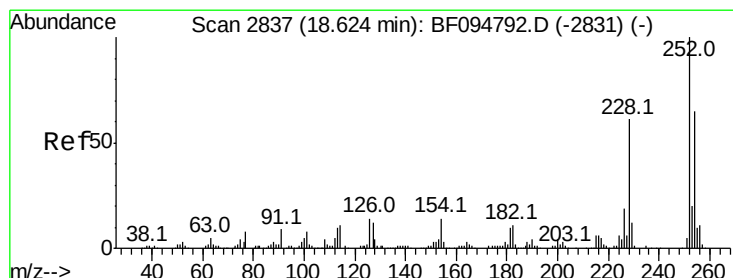
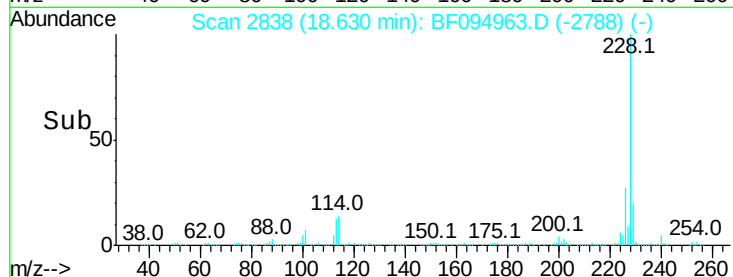
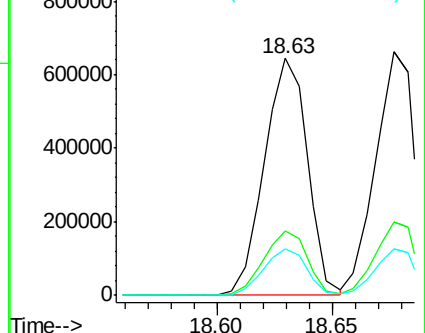
229 19.6 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 38.46 ng

RT: 18.61 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

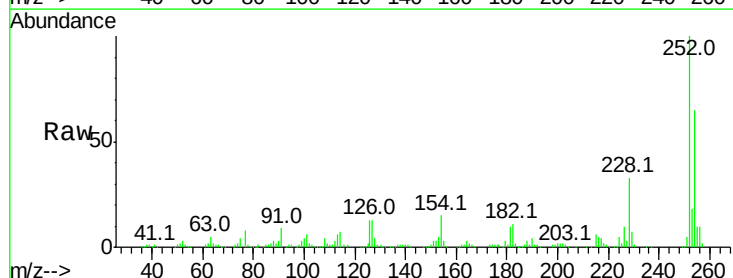
Tgt Ion:252 Resp: 275687

Ion Ratio Lower Upper

252 100

254 65.2 51.5 77.3

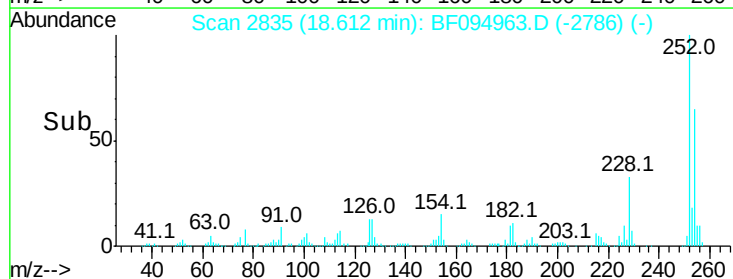
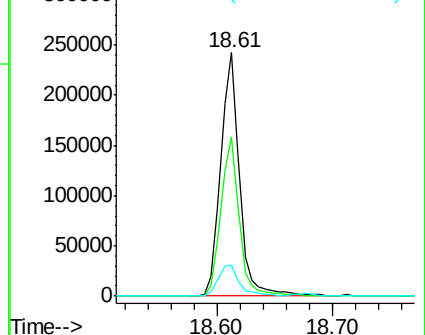
126 12.8 15.8 23.8#

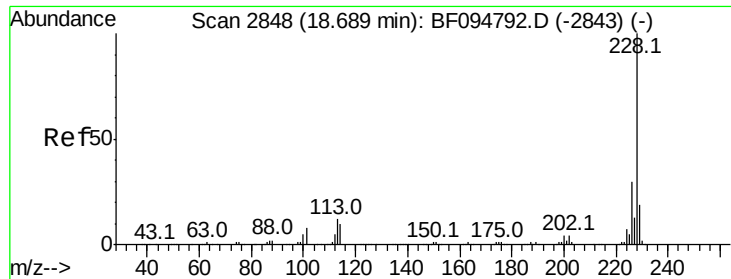


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 39.18 ng

RT: 18.68 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

Instrument :

BNA_F

ClientSampleId :

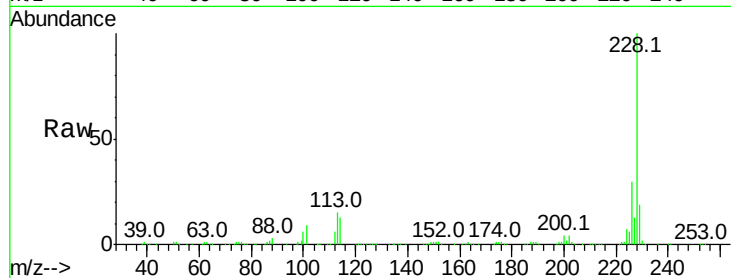
Tot Ion:228 Resp: 786313

Ion Ratio Lower Upper

228 100

226 29.9 24.9 37.3

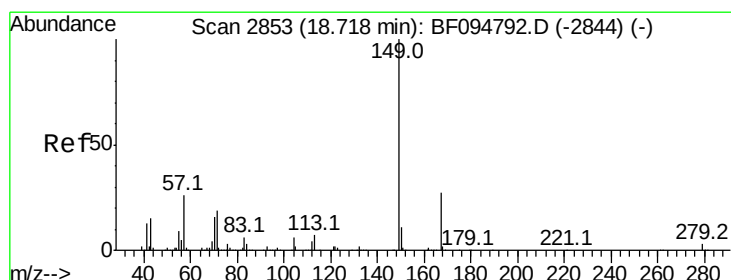
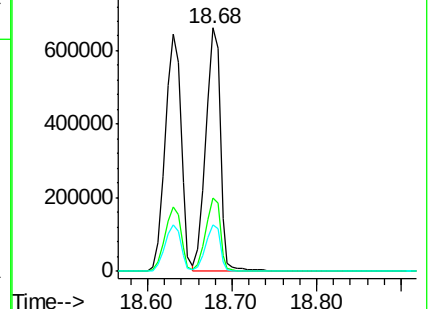
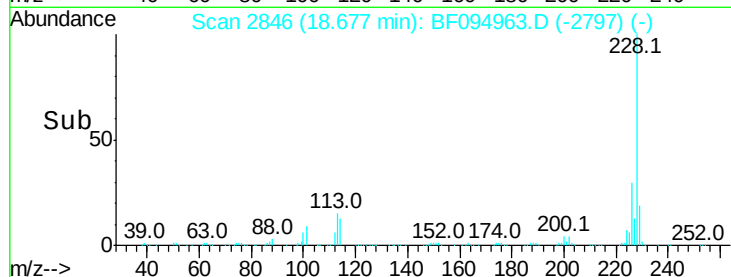
229 19.3 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 41.75 ng

RT: 18.70 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BF094963.D

Acq: 8 May 2017 1:59

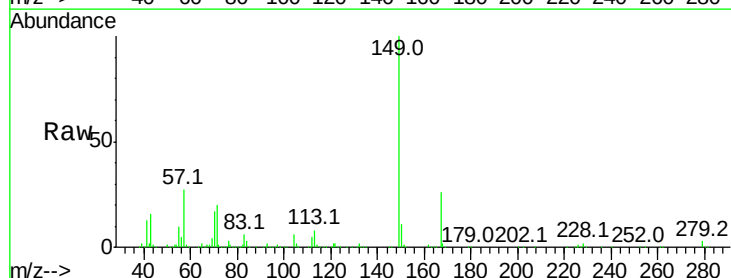
Tgt Ion:149 Resp: 738056

Ion Ratio Lower Upper

149 100

167 25.7 21.0 31.4

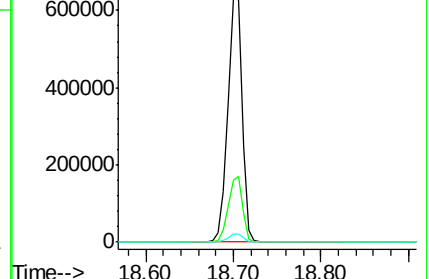
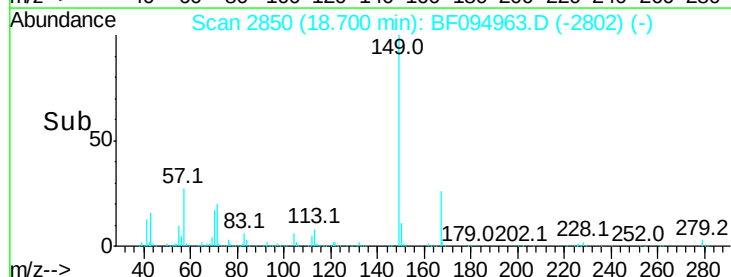
279 3.3 1.9 2.9#

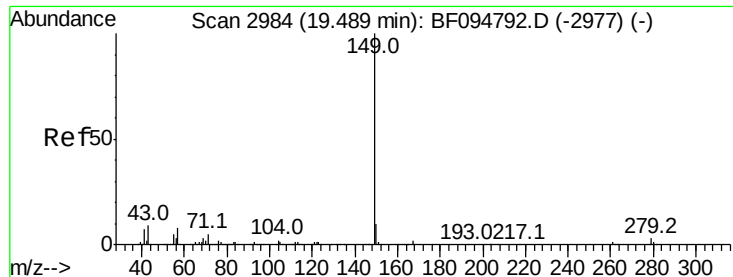


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

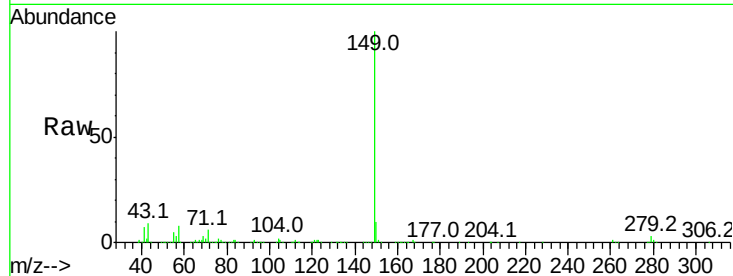




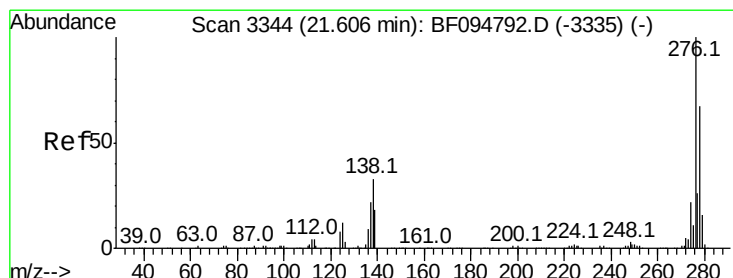
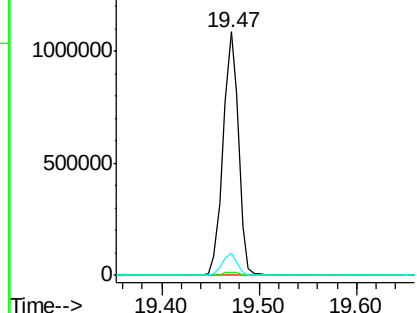
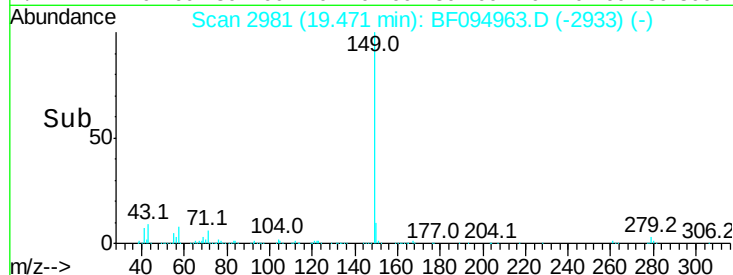
#84
Di-n-octyl phthalate
Concen: 41.14 ng
RT: 19.47 min Scan# 2981
Delta R.T. -0.02 min
Lab File: BF094963.D
Acq: 8 May 2017 1:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1192157
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.9 8.5 12.7

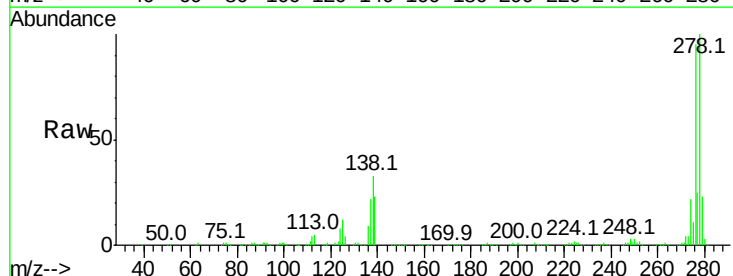


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

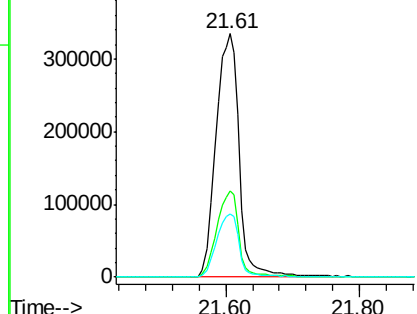
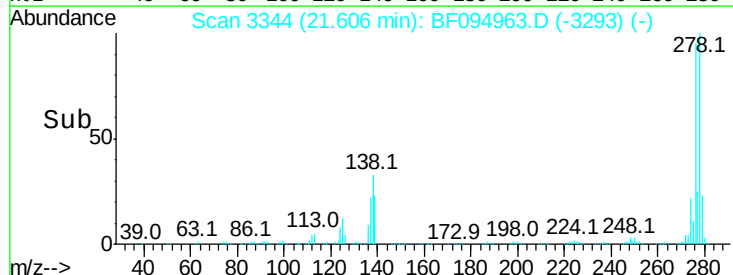


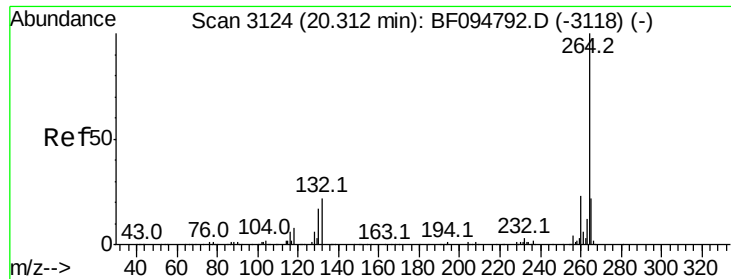
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.17 ng
RT: 21.61 min Scan# 3344
Delta R.T. 0.00 min
Lab File: BF094963.D
Acq: 8 May 2017 1:59

Tgt Ion:276 Resp: 817654
Ion Ratio Lower Upper
276 100
138 33.8 27.8 41.6
277 25.7 20.2 30.4



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

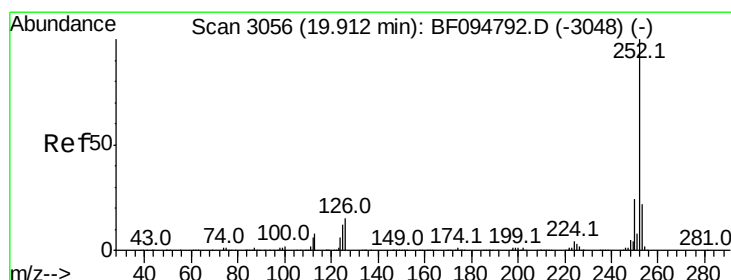
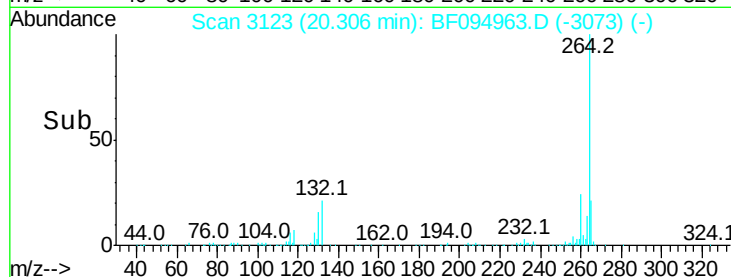
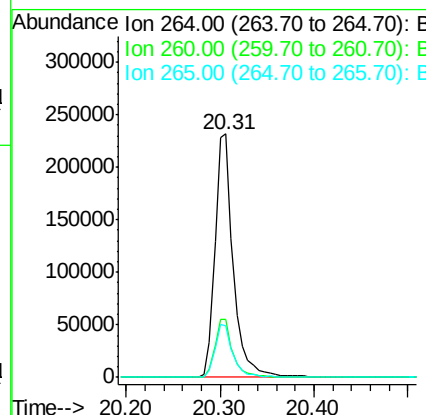
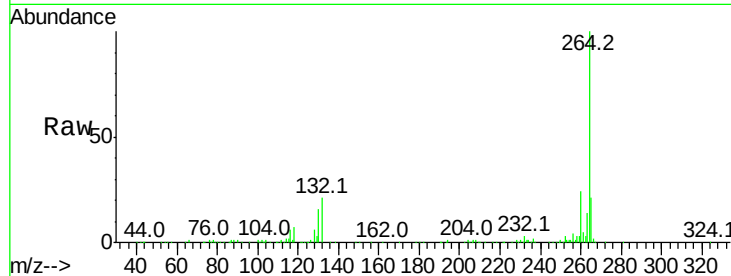




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094963.D
Acq: 8 May 2017 1:59

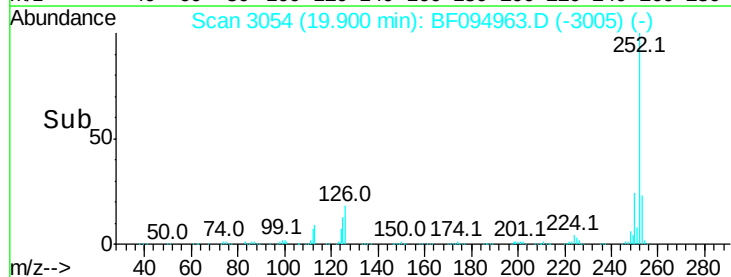
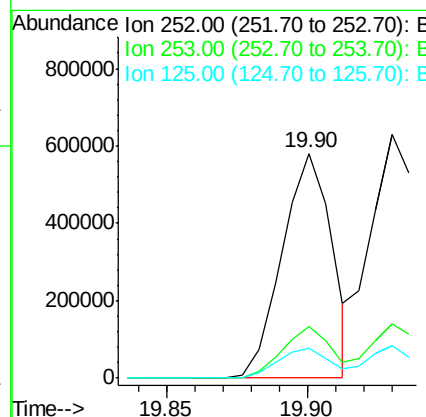
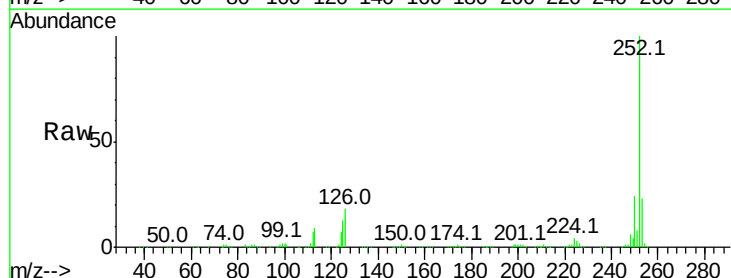
Instrument :
BNA_F
ClientSampleId :

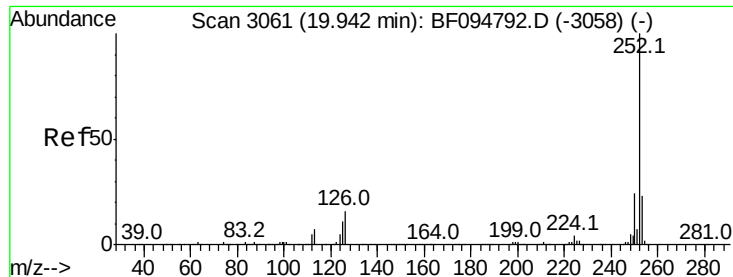
Tot Ion:264 Resp: 318590
Ion Ratio Lower Upper
264 100
260 23.6 19.5 29.3
265 21.0 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 35.97 ng
RT: 19.90 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BF094963.D
Acq: 8 May 2017 1:59

Tgt Ion:252 Resp: 708132
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 13.5 9.8 14.8

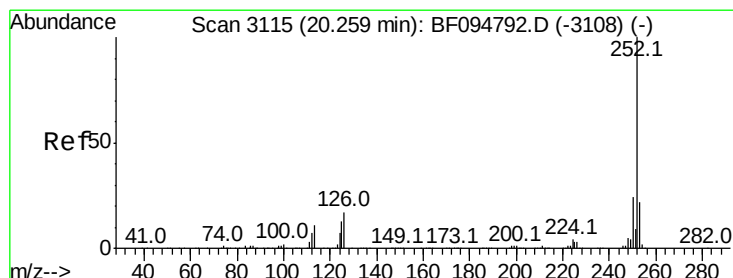
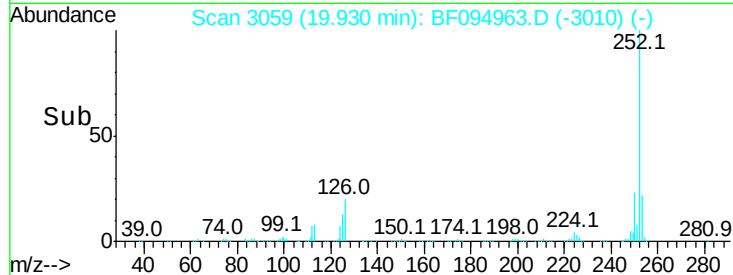
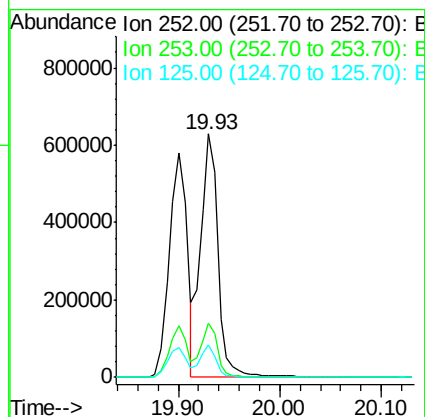
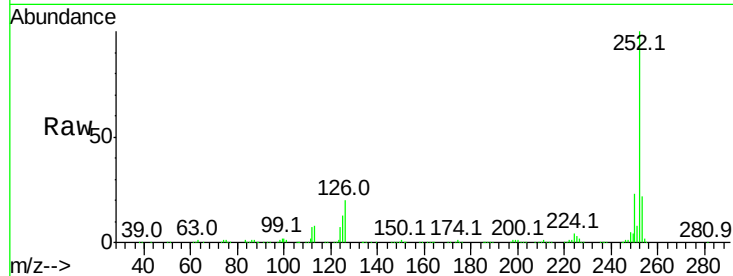




#88
Benzo(k)fluoranthene
Concen: 39.16 ng
RT: 19.93 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BF094963.D
Acq: 8 May 2017 1:59

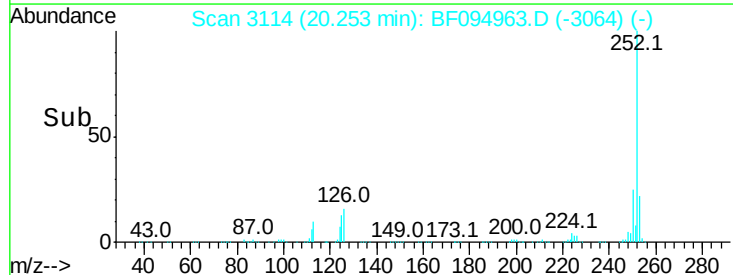
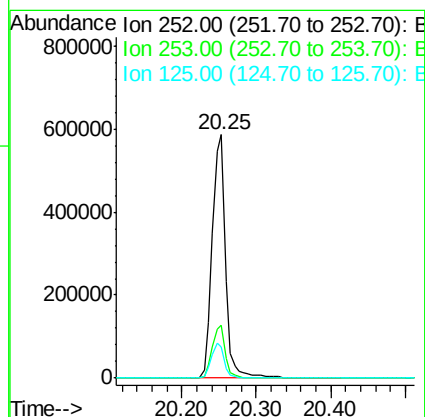
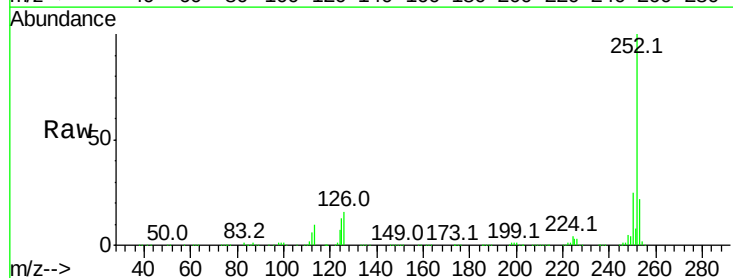
Instrument :
BNA_F
ClientSampleId :

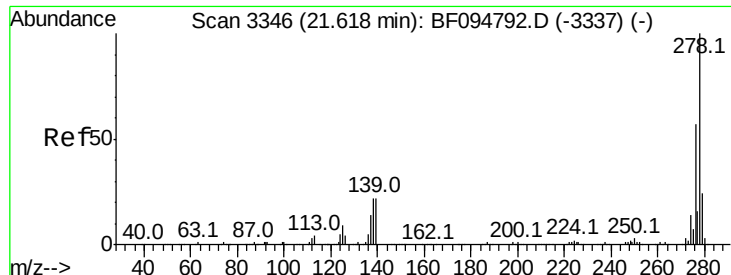
Tot Ion:252 Resp: 743559
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 13.4 13.1 19.7



#89
Benzo(a)pyrene
Concen: 39.68 ng
RT: 20.25 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BF094963.D
Acq: 8 May 2017 1:59

Tgt Ion:252 Resp: 720854
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 12.8 11.0 16.4



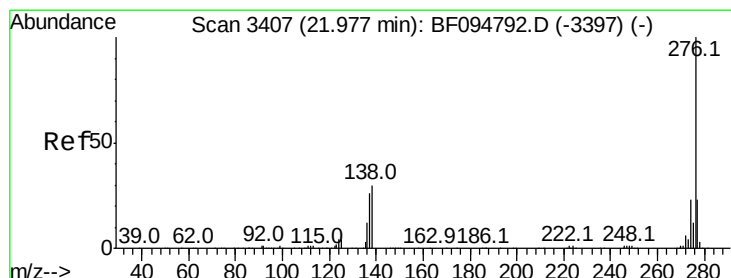
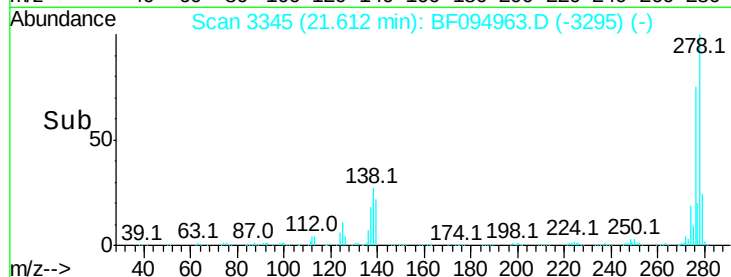
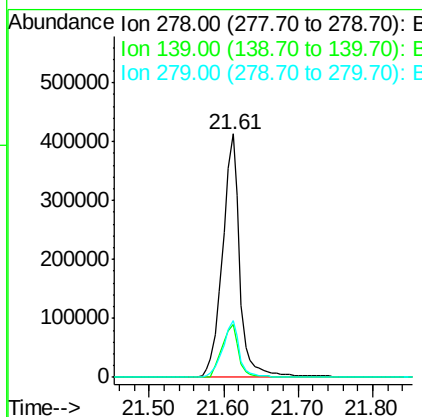
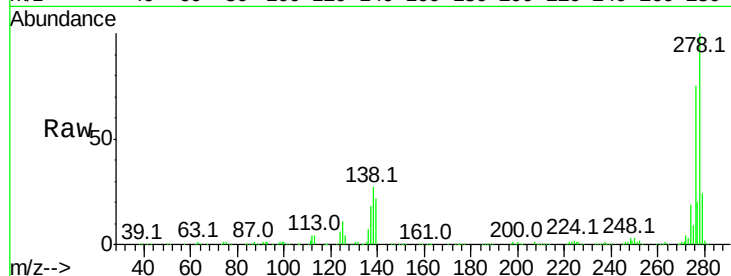


#90
Dibenzo(a,h)anthracene
Concen: 44.70 ng
RT: 21.61 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BF094963.D
Acq: 8 May 2017 1:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 670672

Ion	Ratio	Lower	Upper
278	100		
139	21.5	16.6	24.8
279	23.5	19.3	28.9



#91
Benzo(g,h,i)perylene
Concen: 49.09 ng
RT: 21.98 min Scan# 3407
Delta R.T. 0.00 min
Lab File: BF094963.D
Acq: 8 May 2017 1:59

Tgt Ion:276 Resp: 722709

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	30.0	25.4	38.0

