

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
 Data File : BF095424.D
 Acq On : 25 May 2017 15:30
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 01:11:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	95115	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	403329	20.00	ng	-0.02
38) Acenaphthene-d10	12.59	164	178579	20.00	ng	-0.02
63) Phenanthrene-d10	15.00	188	322910	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	257635	20.00	ng	-0.02
86) Perylene-d12	20.36	264	195804	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	482806	84.63	ng	-0.02
7) Phenol-d6	7.29	99	579999	84.73	ng	-0.02
23) Nitrobenzene-d5	8.65	82	516972	80.83	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	119440	81.67	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	964539	77.74	ng	-0.02
78) Terphenyl-d14	17.32	244	953830	81.54	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.20	88	104186	37.24	ng	93
3) Pyridine	2.91	79	240035	37.02	ng	99
4) n-Nitrosodimethylamine	2.83	42	84498	31.26	ng	82
6) Aniline	7.25	93	381759	44.18	ng	97
8) 2-Chlorophenol	7.44	128	274896	42.33	ng	96
9) Benzaldehyde	7.08	77	160218	38.33	ng	98
10) Phenol	7.31	94	326538	45.27	ng	92
11) bis(2-Chloroethyl)ether	7.38	93	241829	40.61	ng	97
12) 1,3-Dichlorobenzene	7.65	146	314814	42.74	ng	99
13) 1,4-Dichlorobenzene	7.77	146	311708	41.73	ng	96
14) 1,2-Dichlorobenzene	8.01	146	308001	44.17	ng	97
15) Benzyl Alcohol	8.04	79	204750	46.51	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.22	45	340806	40.44	ng	96
17) 2-Methylphenol	8.25	107	231477	43.56	ng	99
18) Hexachloroethane	8.52	117	102524	40.52	ng	# 85
19) n-Nitroso-di-n-propylamine	8.45	70	196637	42.47	ng	94
20) 3+4-Methylphenols	8.51	107	297312	41.17	ng	# 58
22) Acetophenone	8.42	105	392275	40.54	ng	# 84
24) Nitrobenzene	8.68	77	259420	38.70	ng	90
25) Isophorone	9.08	82	473396	41.45	ng	96
26) 2-Nitrophenol	9.19	139	154238	42.64	ng	97
27) 2,4-Dimethylphenol	9.32	122	239538	40.95	ng	97
28) bis(2-Chloroethoxy)methane	9.44	93	308139	39.00	ng	99
29) 2,4-Dichlorophenol	9.62	162	212979	38.57	ng	99
30) 1,2,4-Trichlorobenzene	9.69	180	235430	39.79	ng	96
31) Naphthalene	9.80	128	818634	40.38	ng	99
32) Benzoic acid	9.66	122	113343	31.47	ng	94
33) 4-Chloroaniline	9.95	127	317495	42.03	ng	# 91
34) Hexachlorobutadiene	10.01	225	116239	37.23	ng	98
35) Caprolactam	10.58	113	45068	27.18	ng	86
36) 4-Chloro-3-methylphenol	10.81	107	244894	41.48	ng	90
37) 2-Methylnaphthalene	10.92	142	539840	40.58	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	221043	40.25	ng	98
40) Hexachlorocyclopentadiene	11.17	237	67363	33.02	ng	97

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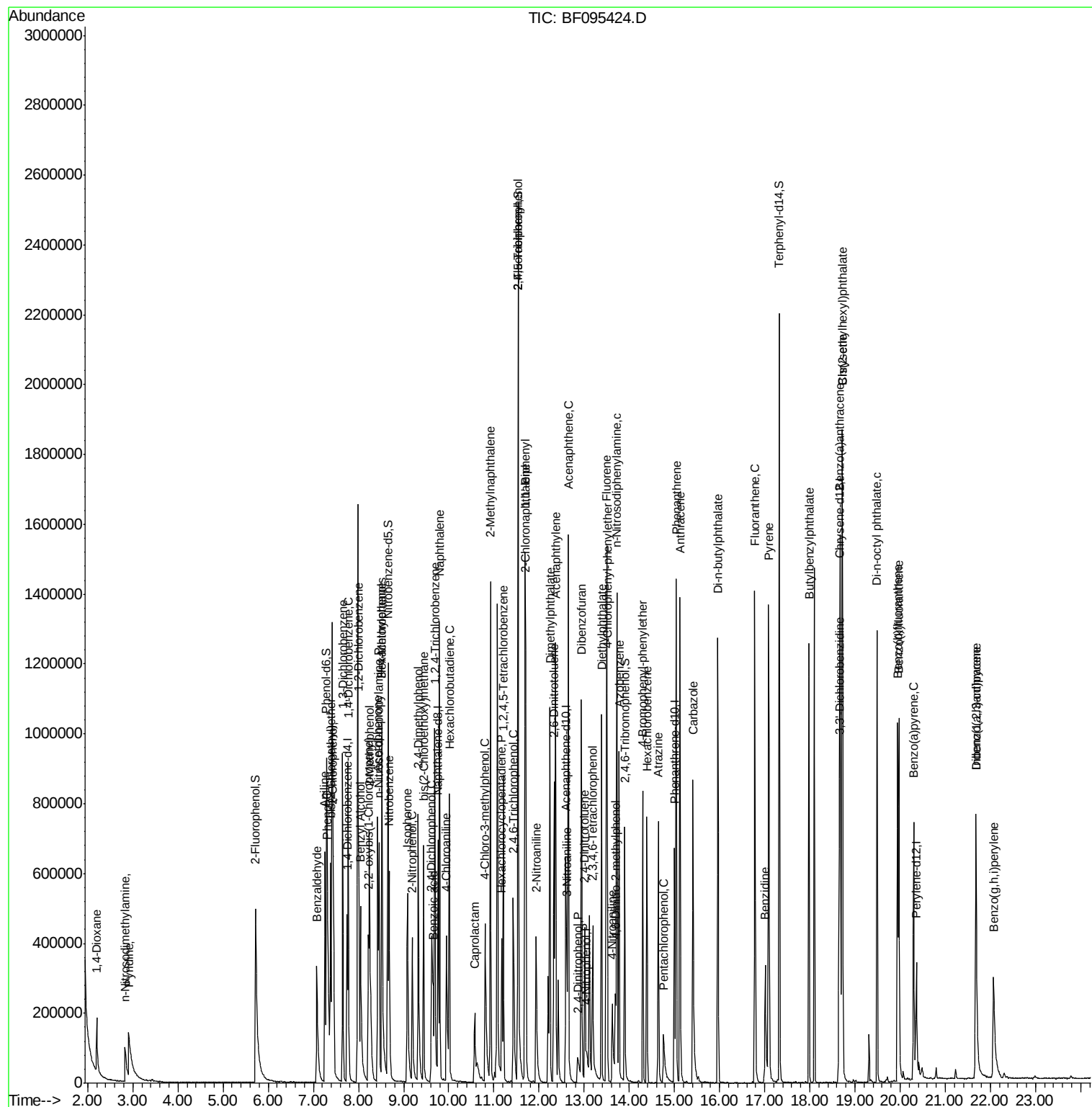
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.43	196	146362	39.92	nq	99
43) 2,4,5-Trichlorophenol	11.54	196	139738	35.46	nq	93
45) 1,1'-Biphenyl	11.69	154	627258	41.72	nq	97
46) 2-Chloronaphthalene	11.71	162	497903	41.01	nq	95
47) 2-Nitroaniline	11.94	65	137980	41.52	nq	# 82
48) Acenaphthylene	12.37	152	761510	40.05	nq	98
49) Dimethylphthalate	12.24	163	573468	39.12	nq	99
50) 2,6-Dinitrotoluene	12.34	165	121559	40.64	nq	# 90
51) Acenaphthene	12.65	154	450032	39.62	nq	98
52) 3-Nitroaniline	12.62	138	131219	40.88	nq	90
53) 2,4-Dinitrophenol	12.85	184	50685	34.61	nq	# 68
54) Dibenzofuran	12.94	168	639666	40.70	nq	98
55) 4-Nitrophenol	13.05	139	55578	28.83	nq	# 73
56) 2,4-Dinitrotoluene	13.01	165	160471	41.75	nq	94
57) Fluorene	13.49	166	549160	40.18	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.19	232	104326	42.06	nq	# 80
59) Diethylphthalate	13.38	149	570412	40.59	nq	99
60) 4-Chlorophenyl-phenylether	13.51	204	241331	40.18	nq	91
61) 4-Nitroaniline	13.62	138	108874	36.94	nq	96
62) Azobenzene	13.77	77	456656	40.44	nq	94
64) 4,6-Dinitro-2-methylphenol	13.69	198	83086	38.38	nq	# 68
65) n-Nitrosodiphenylamine	13.72	169	468616	39.99	nq	99
66) 4-Bromophenyl-phenylether	14.30	248	136164	39.91	nq	97
67) Hexachlorobenzene	14.39	284	136456	39.03	nq	# 87
68) Atrazine	14.65	200	133872	40.46	nq	98
69) Pentachlorophenol	14.77	266	49895	35.11	nq	93
70) Phenanthrene	15.04	178	752200	40.54	nq	98
71) Anthracene	15.12	178	778660	41.09	nq	97
72) Carbazole	15.41	167	706265	40.96	nq	98
73) Di-n-butylphthalate	15.97	149	903770	42.03	nq	98
74) Fluoranthene	16.78	202	779422	40.95	nq	99
76) Benzidine	17.01	184	301237	43.89	nq	# 93
77) Pyrene	17.09	202	797534	41.39	nq	98
79) Butylbenzylphthalate	17.98	149	373291	41.65	nq	91
80) Benzo(a)anthracene	18.67	228	587268	39.17	nq	99
81) 3,3'-Dichlorobenzidine	18.65	252	198117	38.26	nq	# 96
82) Chrysene	18.71	228	592553	40.87	nq	99
83) Bis(2-ethylhexyl)phthalate	18.72	149	488551	38.26	nq	# 99
84) Di-n-octyl phthalate	19.49	149	798540	38.14	nq	96
85) Indeno(1,2,3-cd)pyrene	21.68	276	385564	32.75	nq	98
87) Benzo(b)fluoranthene	19.94	252	493649	40.80	nq	99
88) Benzo(k)fluoranthene	19.97	252	510240	43.72	nq	96
89) Benzo(a)pyrene	20.30	252	448062	40.13	nq	99
90) Dibenzo(a,h)anthracene	21.68	278	334403	36.27	nq	98
91) Benzo(g,h,i)perylene	22.07	276	333810	36.89	nq	97

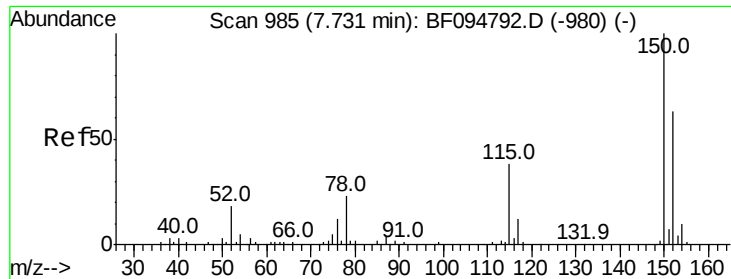
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.75 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

Instrument :

BNA_F

ClientSampleId :

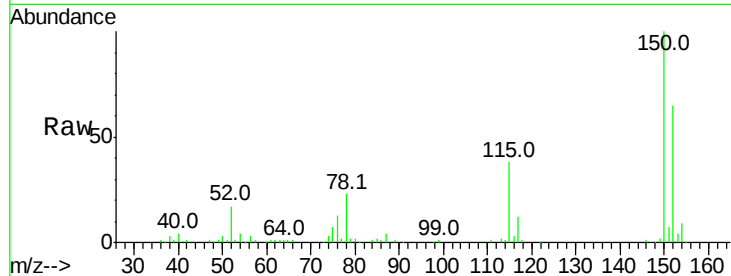
Tot Ion:152 Resp: 95115

Ion Ratio Lower Upper

152 100

150 154.7 126.2 189.2

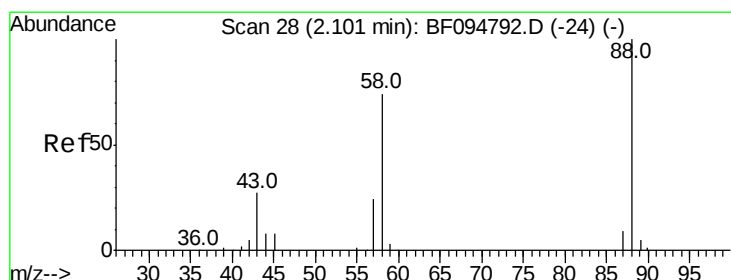
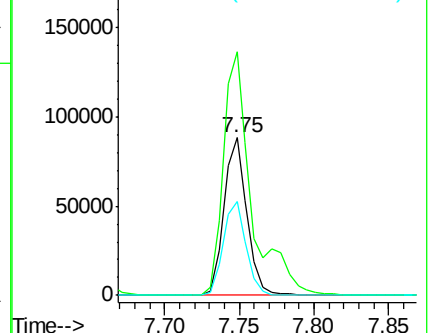
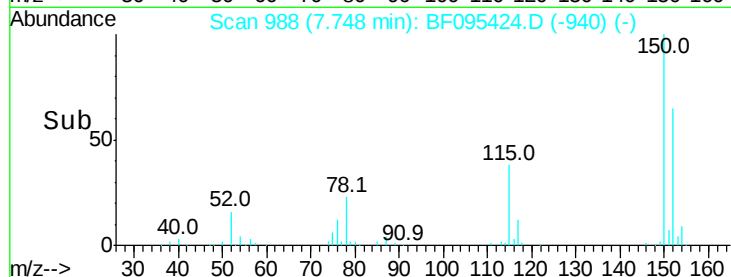
115 59.4 52.2 78.2



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: 37.24 ng

RT: 2.20 min Scan# 45

Delta R.T. -0.03 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

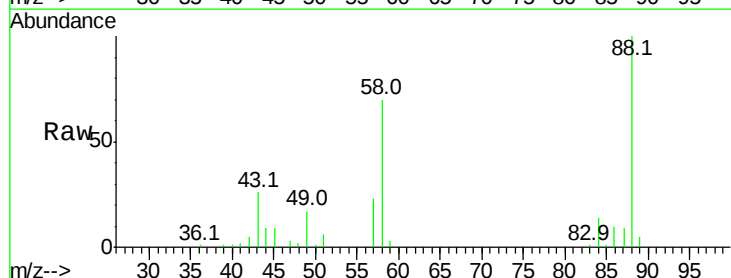
Tgt Ion: 88 Resp: 104186

Ion Ratio Lower Upper

88 100

58 70.9 61.4 92.0

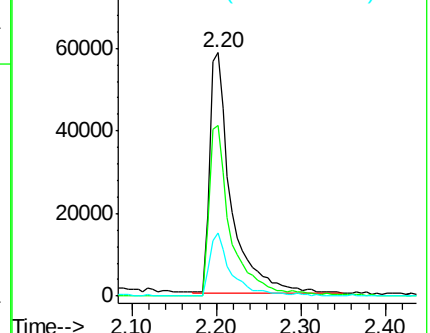
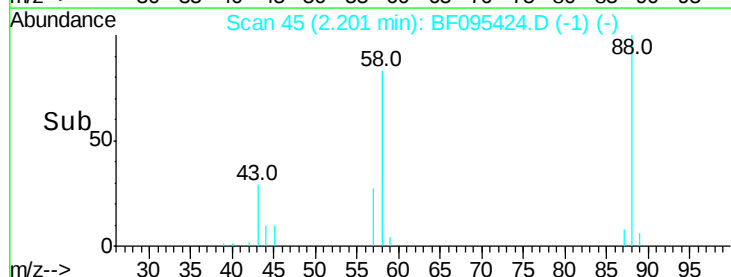
43 26.0 23.4 35.0

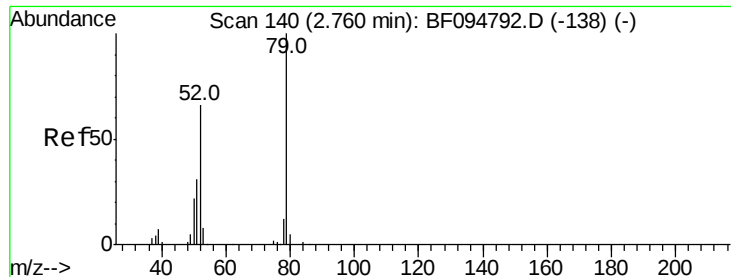


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

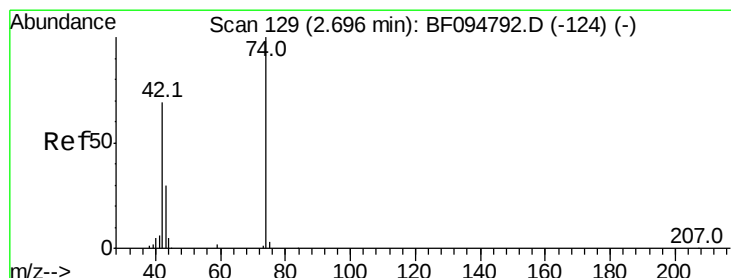
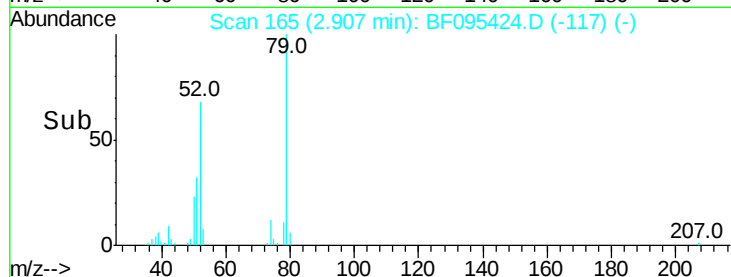
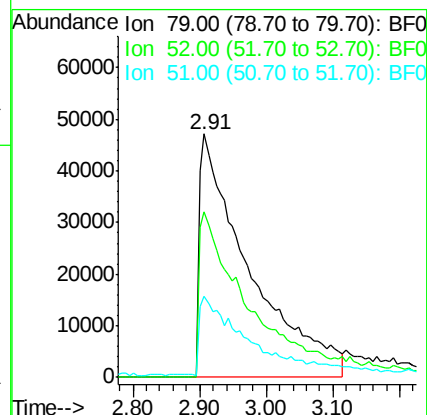
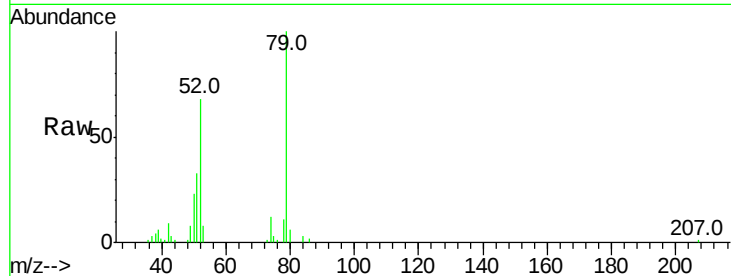




#3
 Pvridine
 Concen: 37.02 ng
 RT: 2.91 min Scan# 165
 Delta R.T. -0.02 min
 Lab File: BF095424.D
 Acq: 25 May 2017 15:30

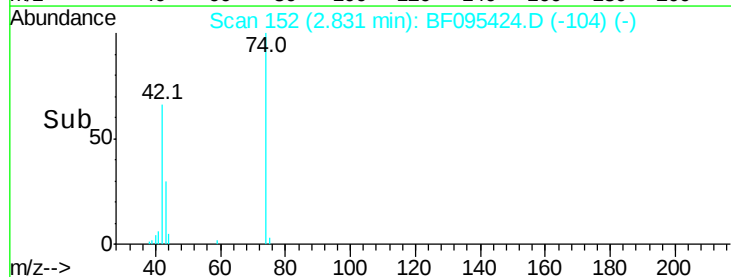
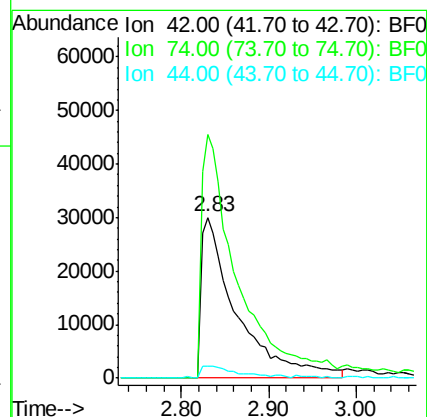
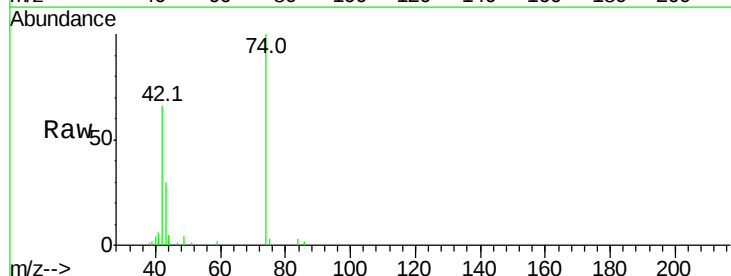
Instrument :
 BNA_F
 ClientSampleId :

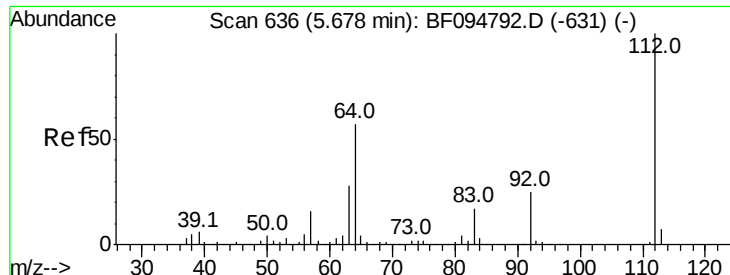
Tot Ion: 79 Resp: 240035
 Ion Ratio Lower Upper
 79 100
 52 67.7 54.8 82.2
 51 33.4 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 31.26 ng
 RT: 2.83 min Scan# 152
 Delta R.T. -0.02 min
 Lab File: BF095424.D
 Acq: 25 May 2017 15:30

Tgt Ion: 42 Resp: 84498
 Ion Ratio Lower Upper
 42 100
 74 151.3 103.9 155.9
 44 7.7 5.7 8.5





#5

2-Fluorophenol

Concen: 84.63 ng

RT: 5.72 min Scan# 643

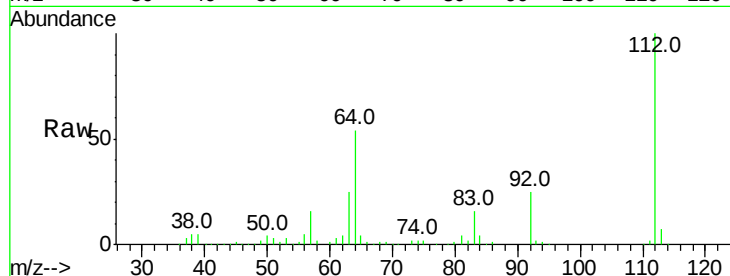
Delta R.T. -0.02 min

Lab File: BF095424.D

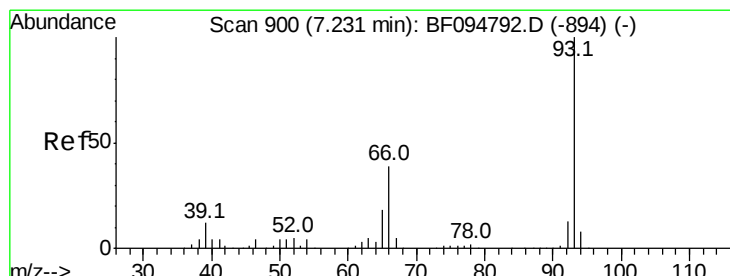
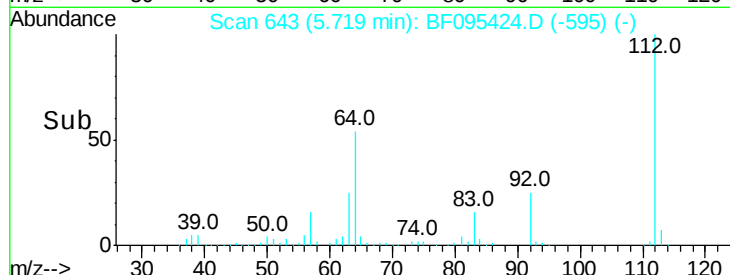
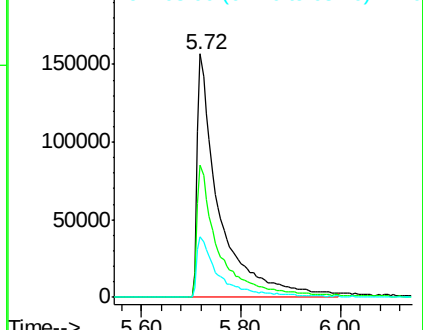
Acq: 25 May 2017 15:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	482806
Ion	Ratio	Lower	Upper
112	100		
64	54.1	46.0	69.0
63	25.0	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 44.18 ng

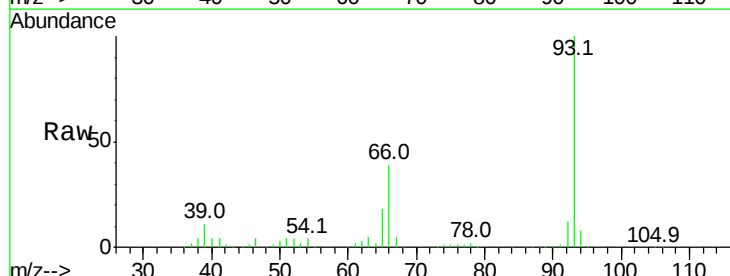
RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

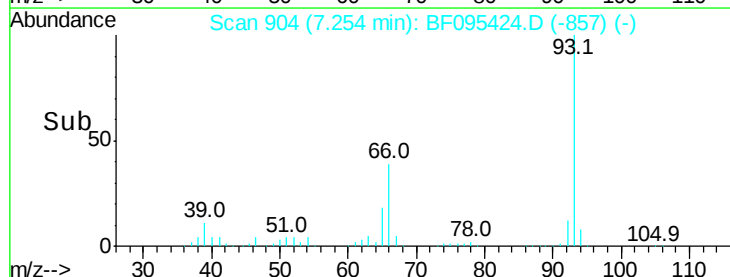
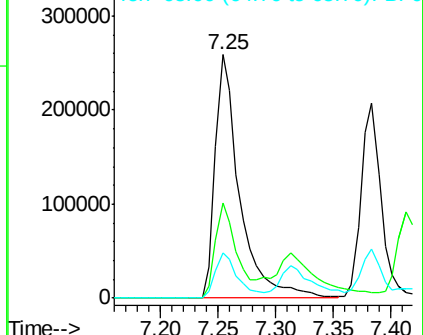
Lab File: BF095424.D

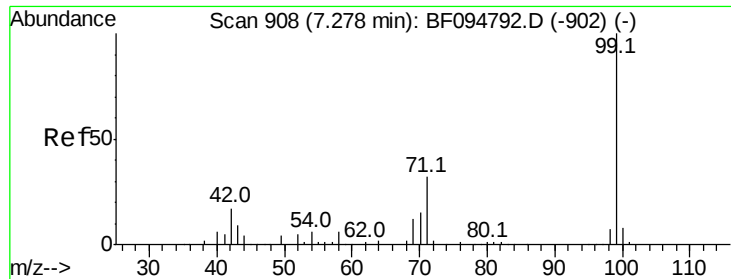
Acq: 25 May 2017 15:30

Tgt Ion:	93	Resp:	381759
Ion	Ratio	Lower	Upper
93	100		
66	39.0	32.9	49.3
65	18.5	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 84.73 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

Instrument :

BNA_F

ClientSampleId :

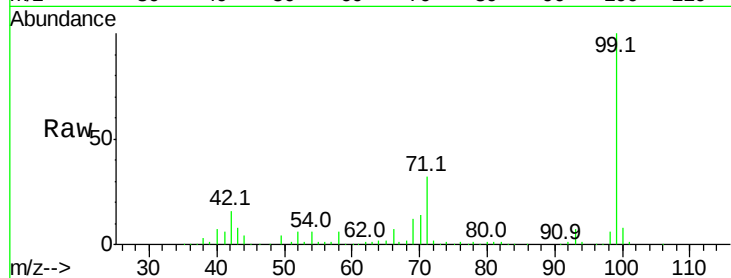
Tot Ion: 99 Resp: 579999

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

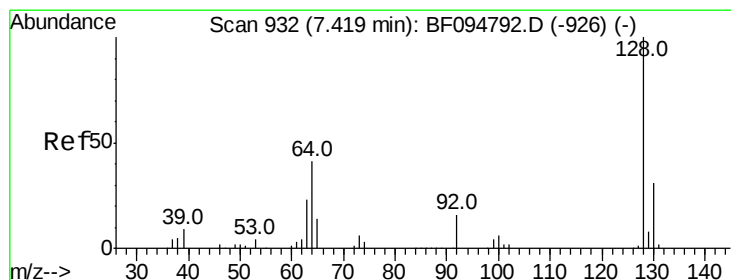
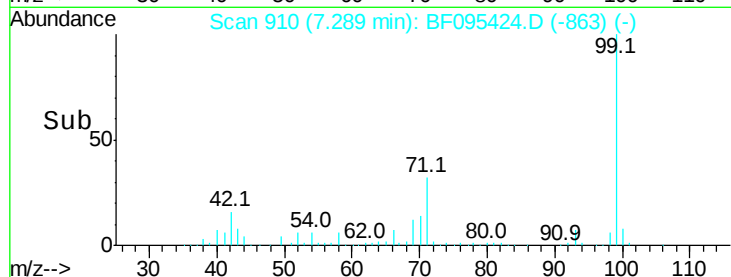
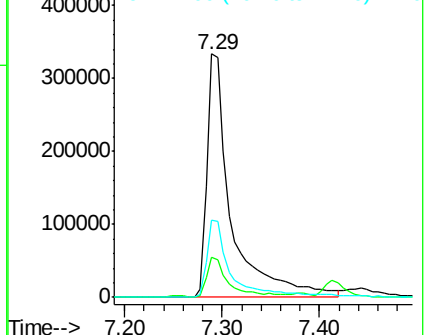
71 31.5 24.5 36.7



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: 42.33 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

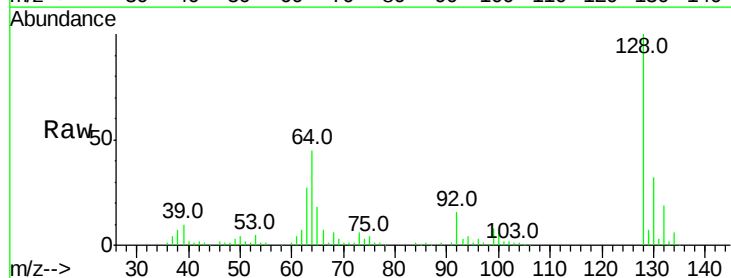
Tgt Ion:128 Resp: 274896

Ion Ratio Lower Upper

128 100

130 31.5 12.9 52.9

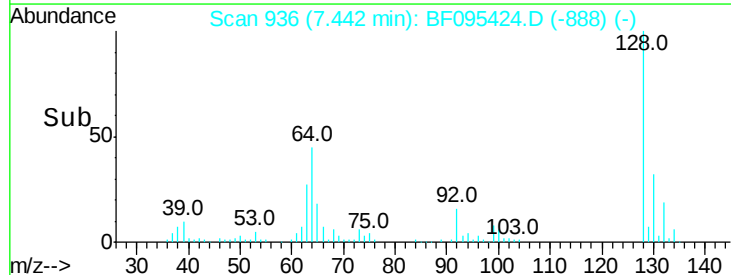
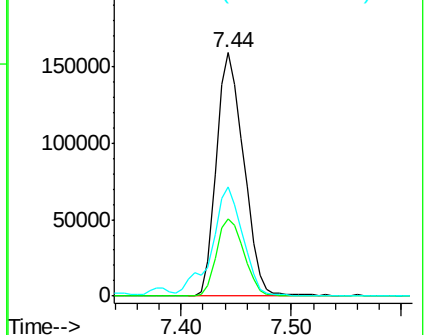
64 45.1 28.4 68.4

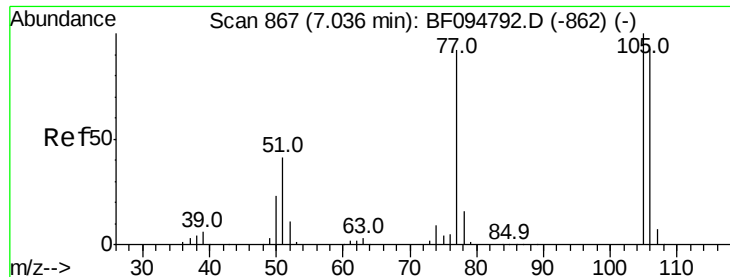


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.33 ng

RT: 7.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

Instrument :

BNA_F

ClientSampled :

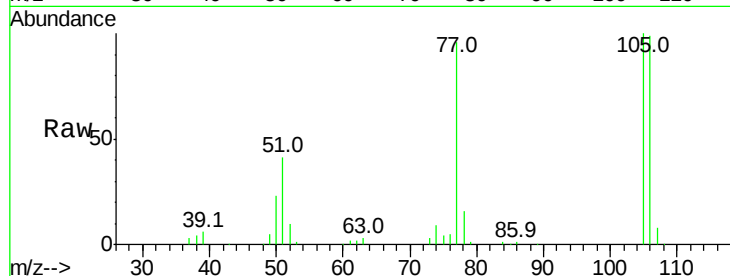
Tot Ion: 77 Resp: 160218

Ion Ratio Lower Upper

77 100

105 104.2 83.8 123.8

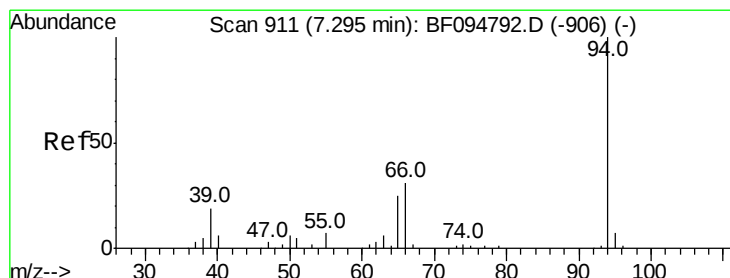
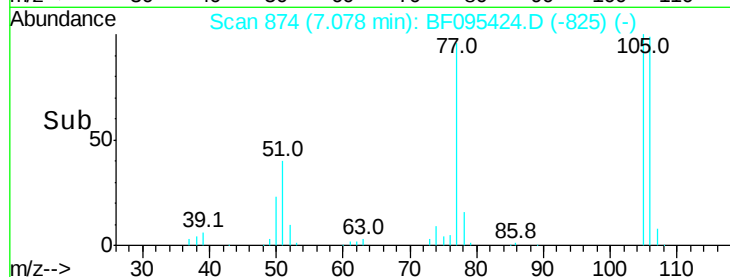
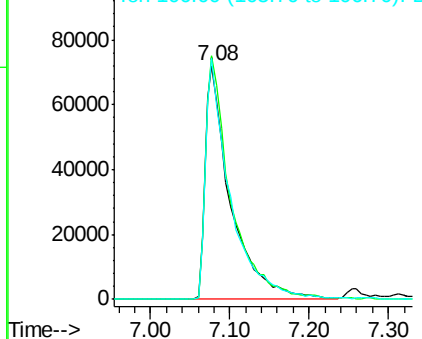
106 102.9 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 45.27 ng

RT: 7.31 min Scan# 914

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

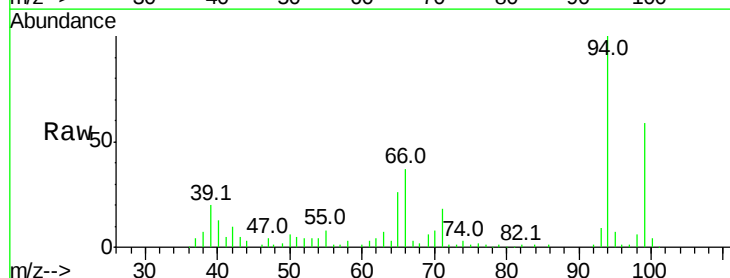
Tgt Ion: 94 Resp: 326538

Ion Ratio Lower Upper

94 100

65 26.4 9.9 49.9

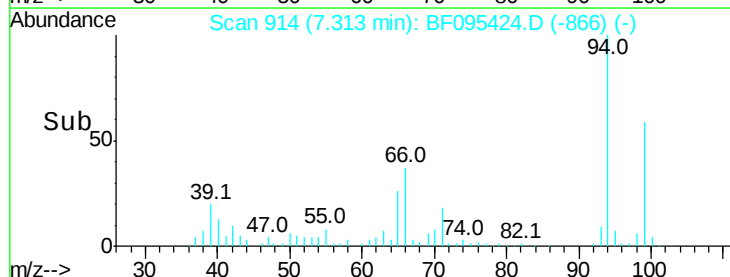
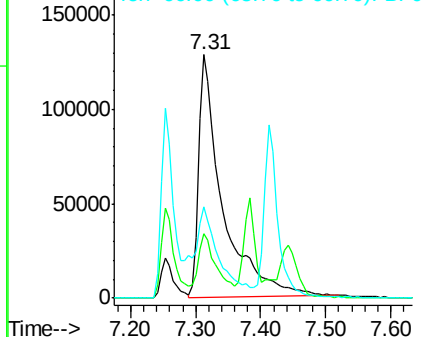
66 37.4 23.1 63.1

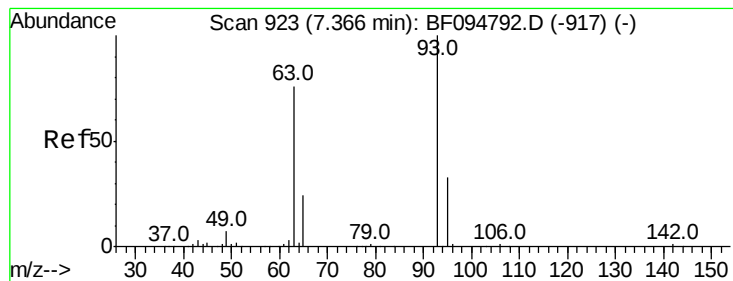


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.61 ng

RT: 7.38 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

Instrument :

BNA_F

ClientSampleId :

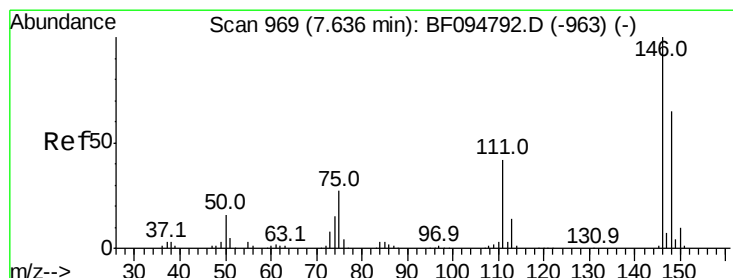
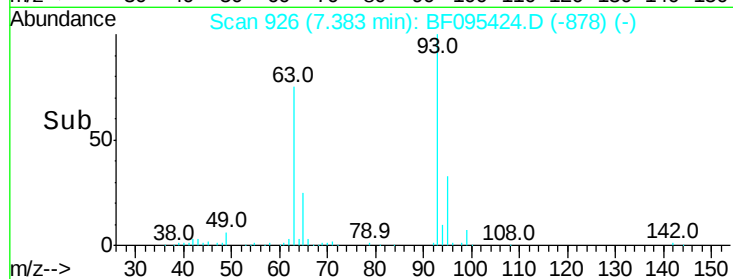
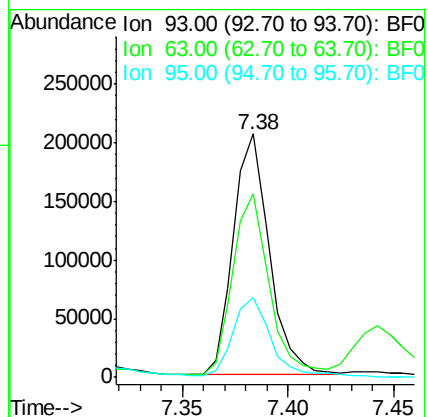
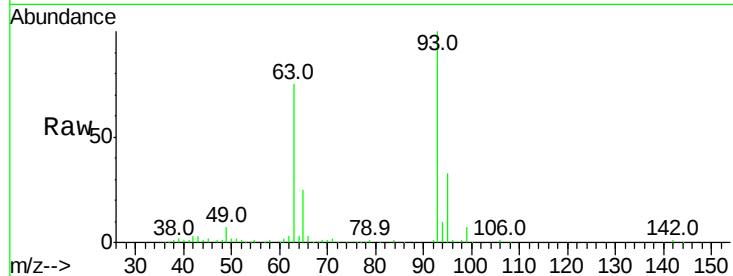
Tot Ion: 93 Resp: 241829

Ion Ratio Lower Upper

93 100

63 75.5 59.2 99.2

95 32.9 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 42.74 ng

RT: 7.65 min Scan# 971

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

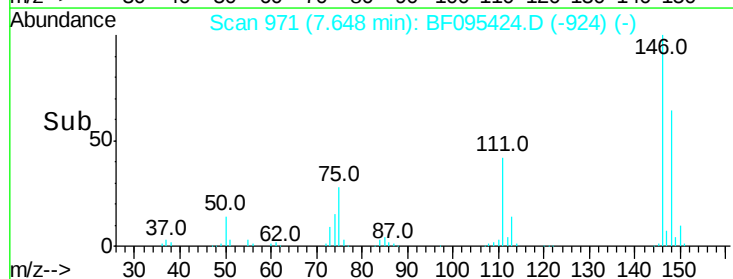
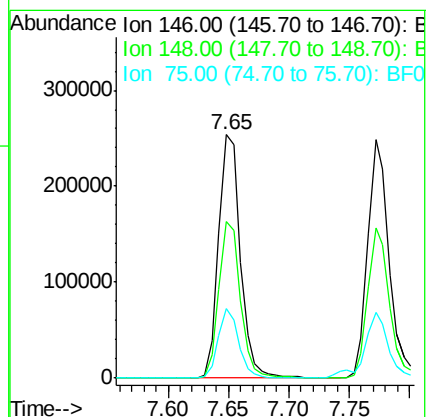
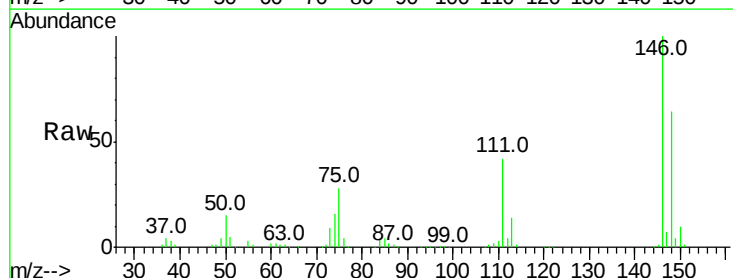
Tgt Ion: 146 Resp: 314814

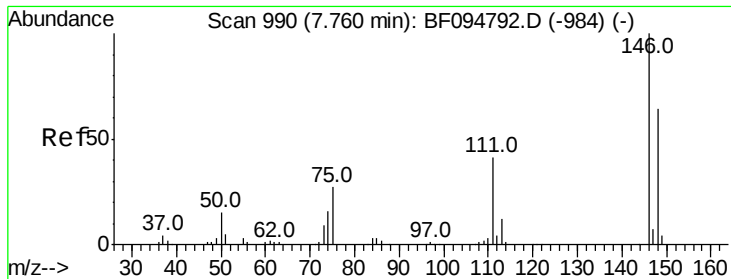
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.6

75 28.3 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 41.73 ng

RT: 7.77 min Scan# 992

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

Instrument :

BNA_F

ClientSampleId :

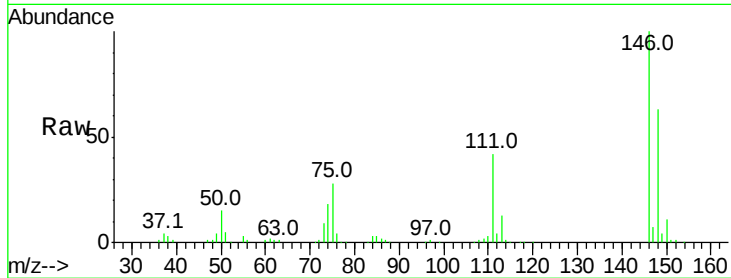
Tot Ion:146 Resp: 311708

Ion Ratio Lower Upper

146 100

148 63.0 52.2 78.2

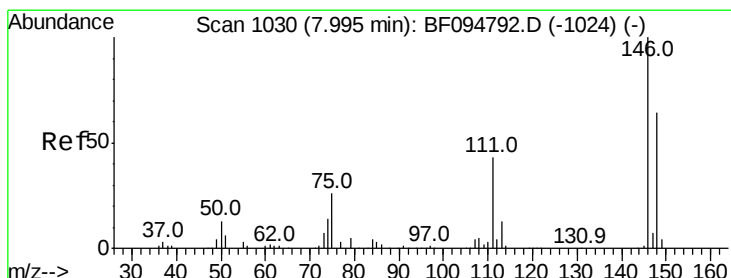
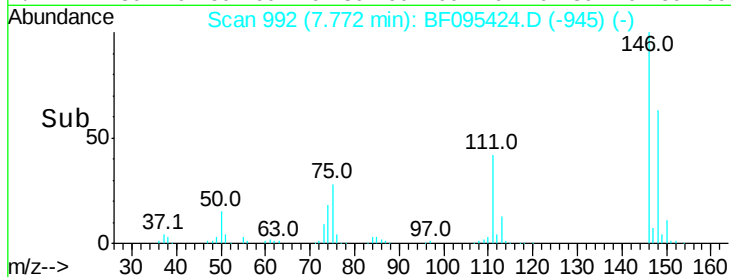
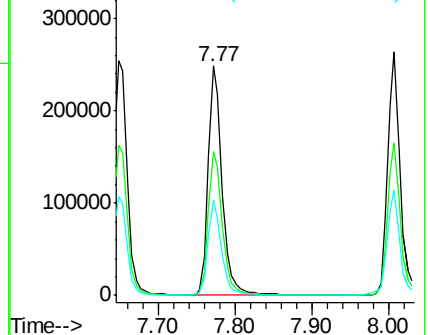
111 41.5 30.3 45.5



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: 44.17 ng

RT: 8.01 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

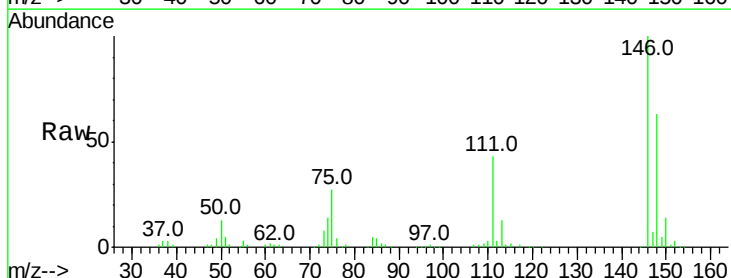
Tgt Ion:146 Resp: 308001

Ion Ratio Lower Upper

146 100

148 62.7 50.4 75.6

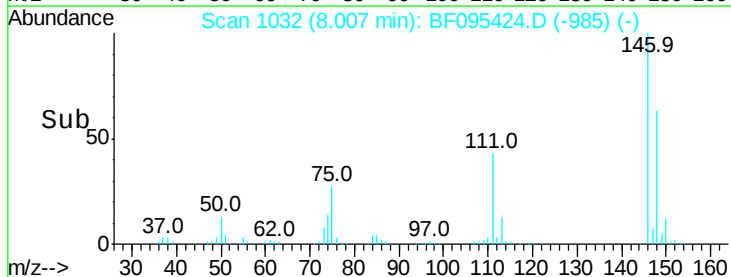
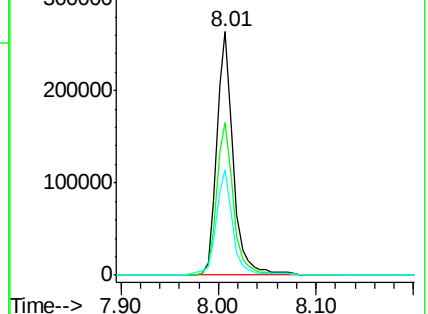
111 43.5 38.2 57.4

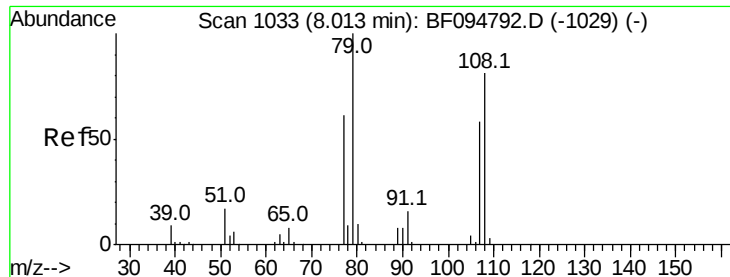


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.51 ng

RT: 8.04 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

Instrument :

BNA_F

ClientSampleId :

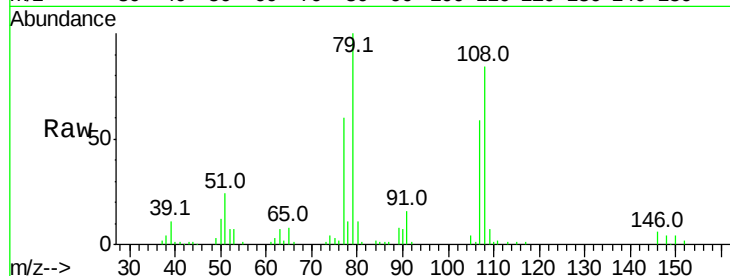
Tot Ion: 79 Resp: 204750

Ion Ratio Lower Upper

79 100

108 84.0 63.4 95.0

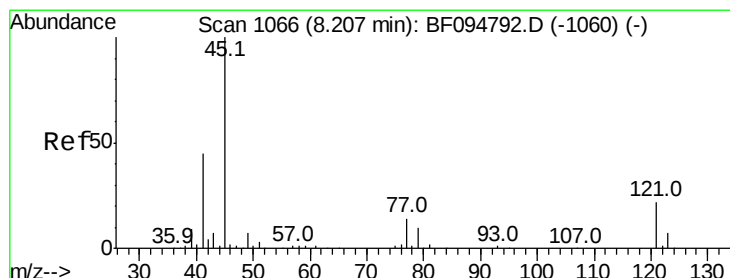
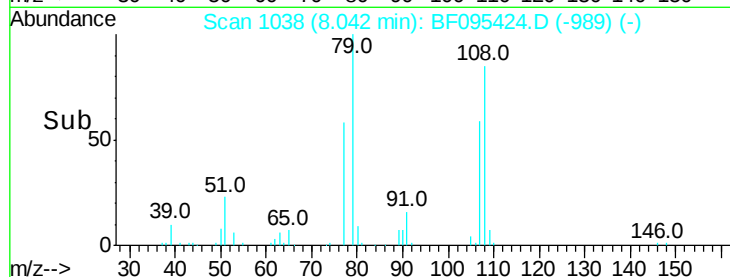
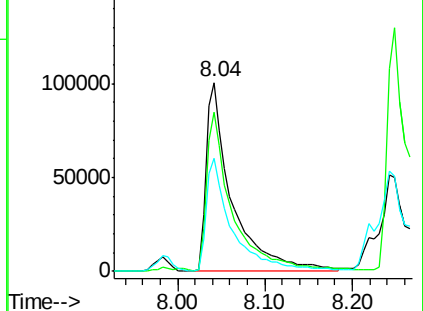
77 59.8 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.44 ng

RT: 8.22 min Scan# 1068

Delta R.T. -0.04 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

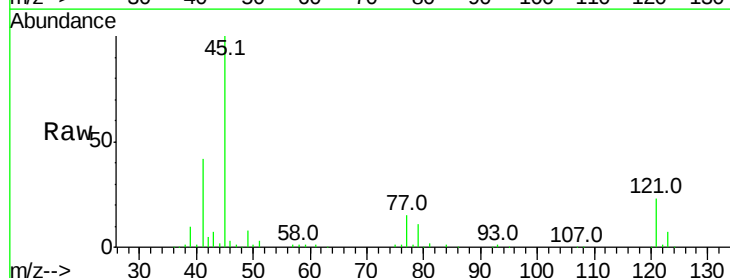
Tgt Ion: 45 Resp: 340806

Ion Ratio Lower Upper

45 100

77 15.3 0.0 33.2

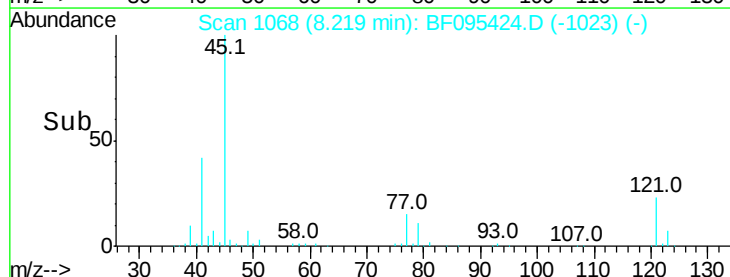
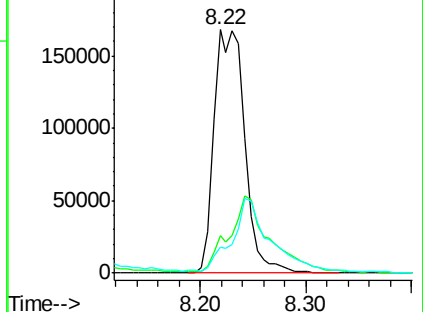
79 10.8 0.0 30.0

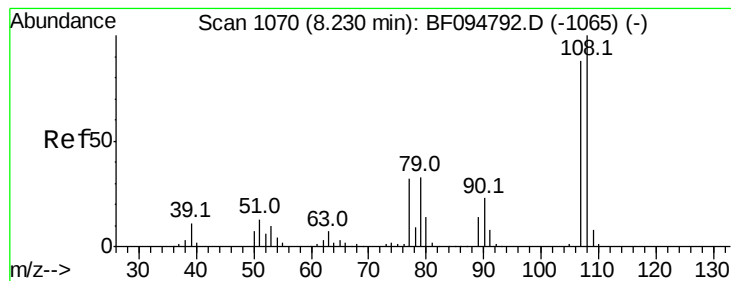


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

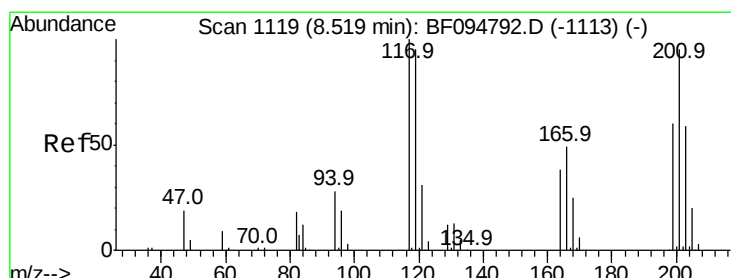
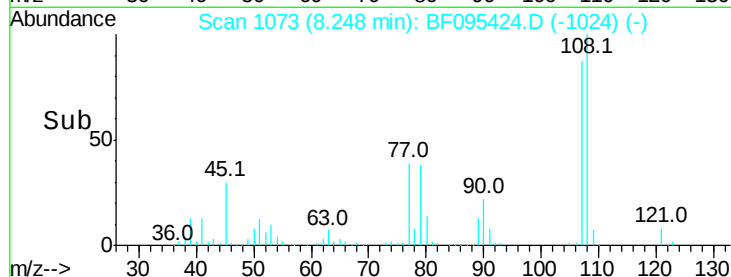
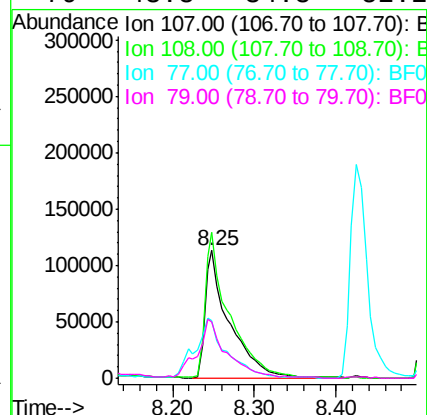
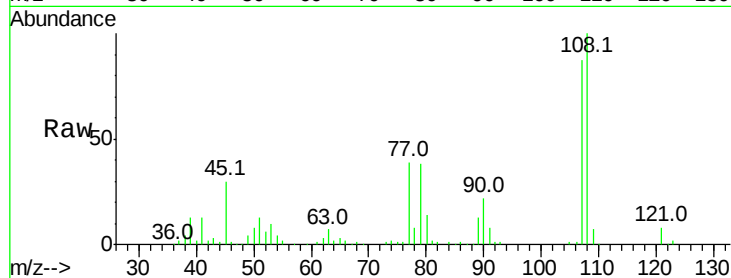




#17
 2-Methylphenol
 Concen: 43.56 ng
 RT: 8.25 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BF095424.D
 Acq: 25 May 2017 15:30

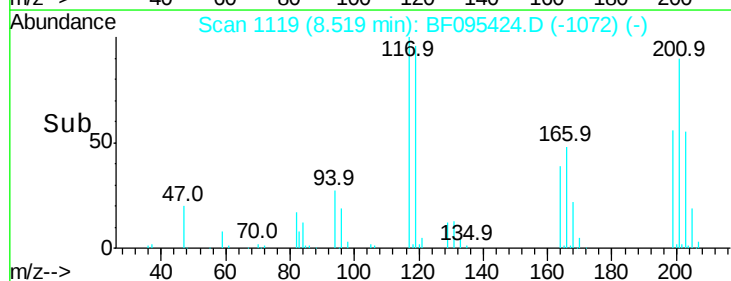
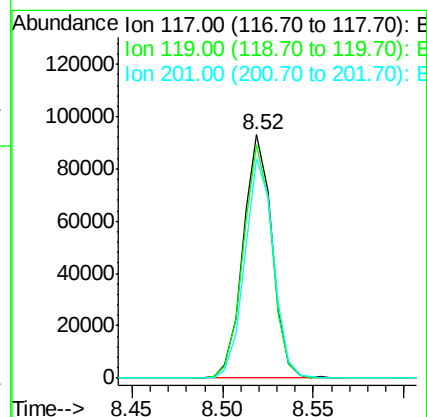
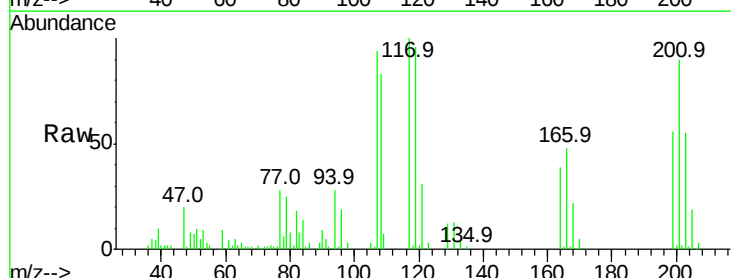
Instrument :
 BNA_F
 ClientSampleId :

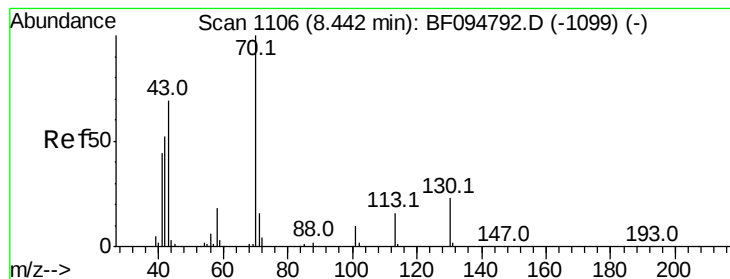
Tot Ion:	107	Resp:	231477
Ion	Ratio	Lower	Upper
107	100		
108	114.4	93.4	140.0
77	44.6	35.8	53.6
79	43.8	34.8	52.2



#18
 Hexachloroethane
 Concen: 40.52 ng
 RT: 8.52 min Scan# 1119
 Delta R.T. -0.02 min
 Lab File: BF095424.D
 Acq: 25 May 2017 15:30

Tgt Ion:	117	Resp:	102524
Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.4	116.0
201	89.9	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 42.47 ng

RT: 8.45 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 196637

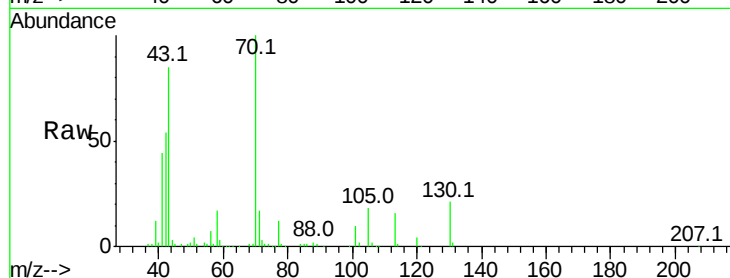
Ion Ratio Lower Upper

70 100

42 53.6 47.2 70.8

101 9.8 7.2 10.8

130 21.5 15.9 23.9

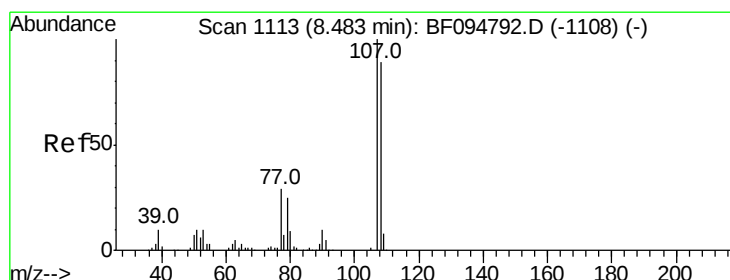
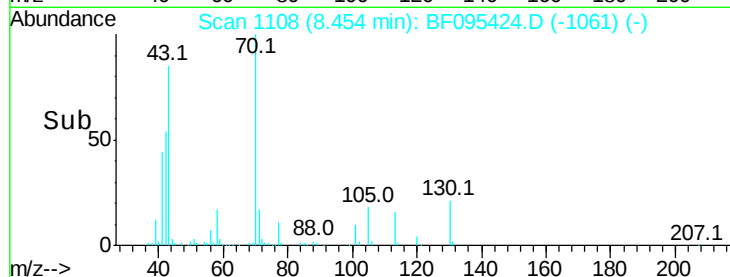
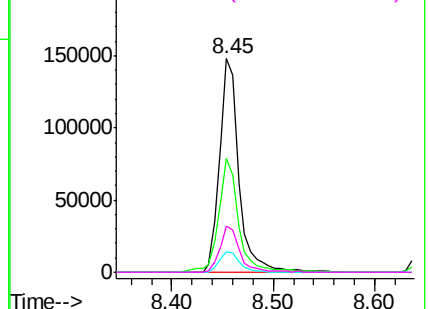


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 41.17 ng

RT: 8.51 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

Tgt Ion:107 Resp: 297312

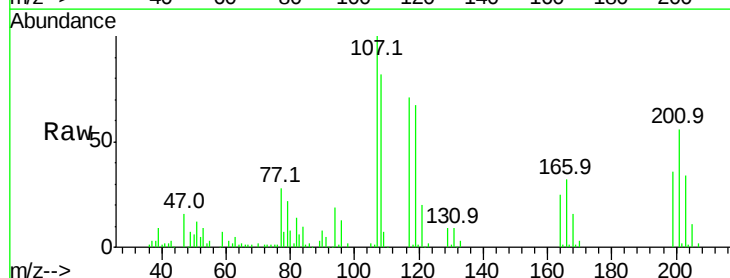
Ion Ratio Lower Upper

107 100

108 82.3 71.0 111.0

77 28.5 90.5 130.5#

79 21.7 8.4 48.4

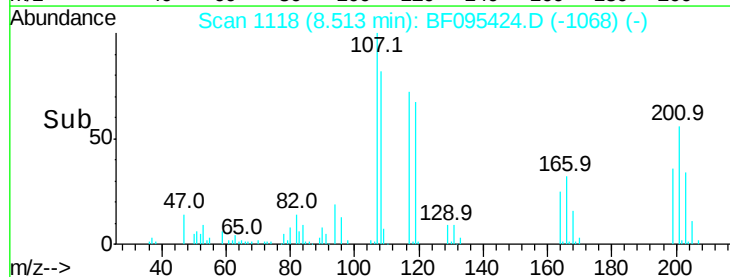
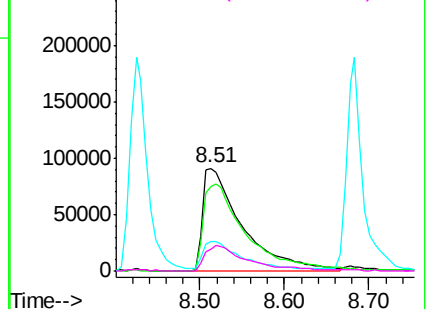


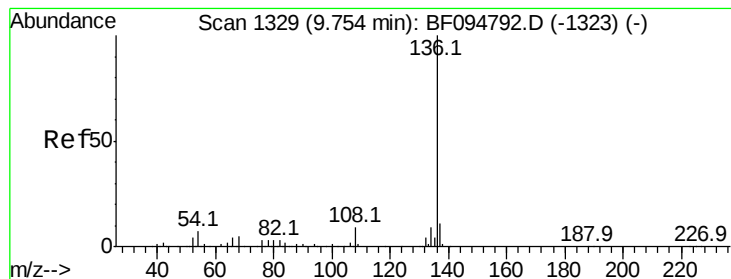
Abundance Ion 107.00 (106.70 to 107.70): E

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: 9.77 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 403329

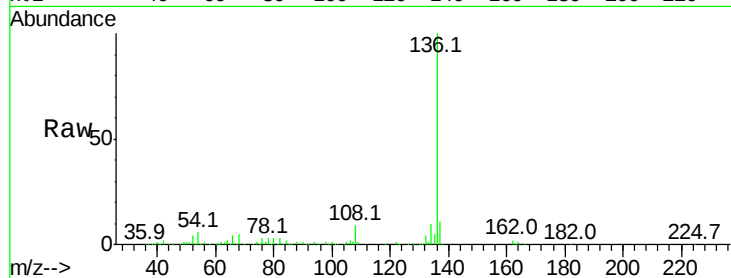
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.5 4.9 7.3

68 5.5 4.1 6.1

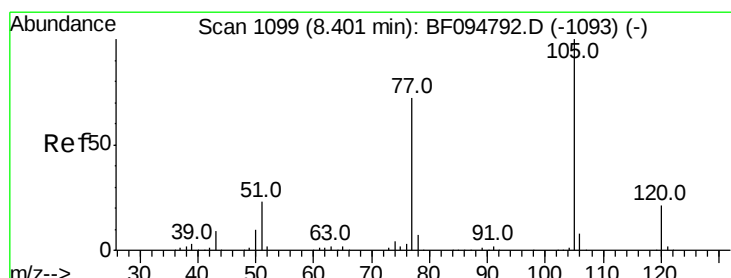
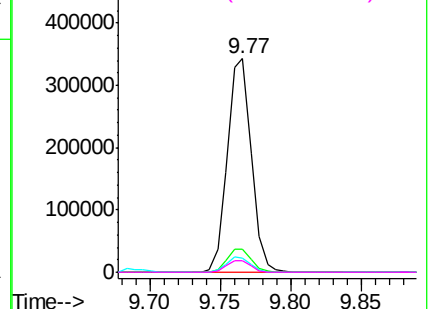
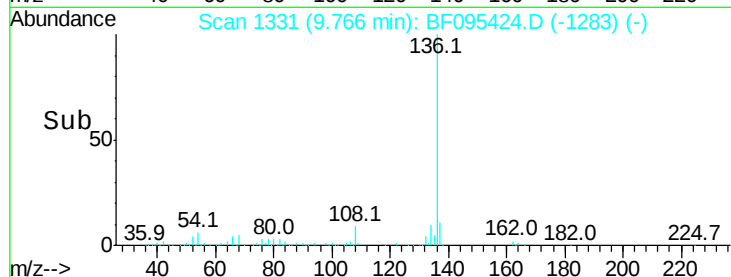


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.54 ng

RT: 8.42 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

Tgt Ion:105 Resp: 392275

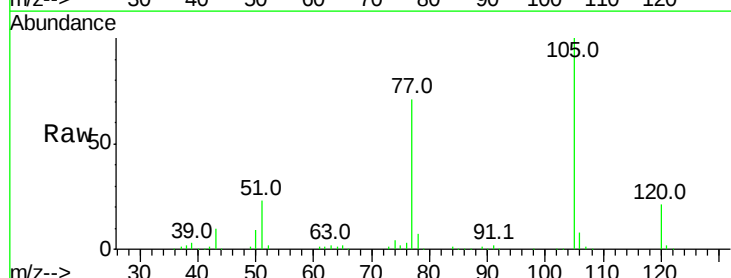
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.3 30.7 46.1#

120 21.3 17.4 26.0

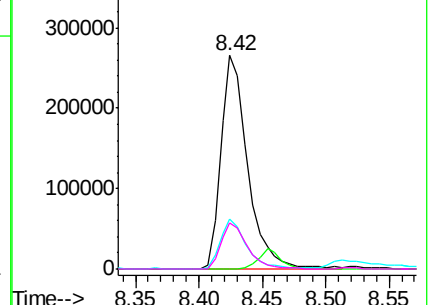
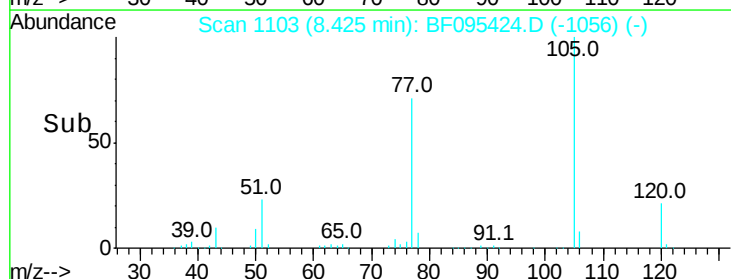


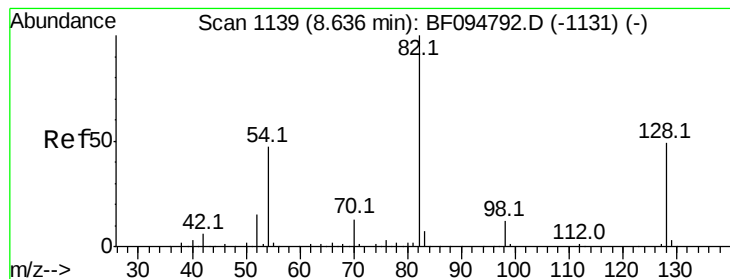
Abundance Ion 105.00 (104.70 to 105.70): E

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: 80.83 ng

RT: 8.65 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

Instrument :

BNA_F

ClientSampleId :

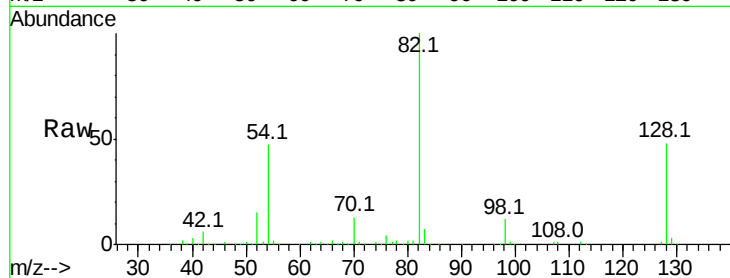
Tot Ion: 82 Resp: 516972

Ion Ratio Lower Upper

82 100

128 48.3 34.0 51.0

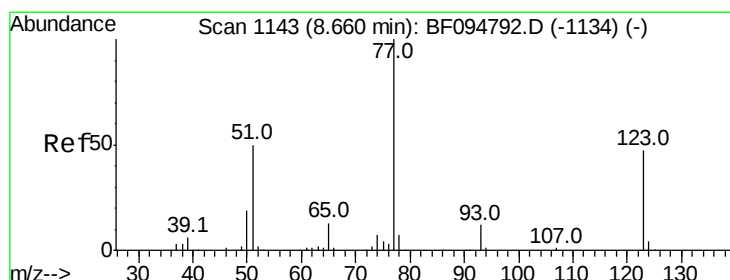
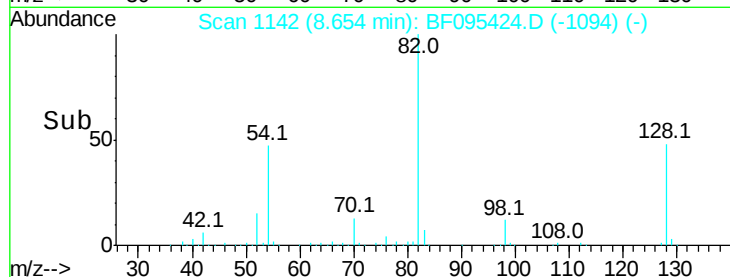
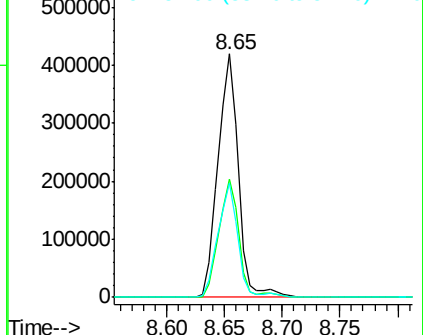
54 47.1 42.2 63.2



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: 38.70 ng

RT: 8.68 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

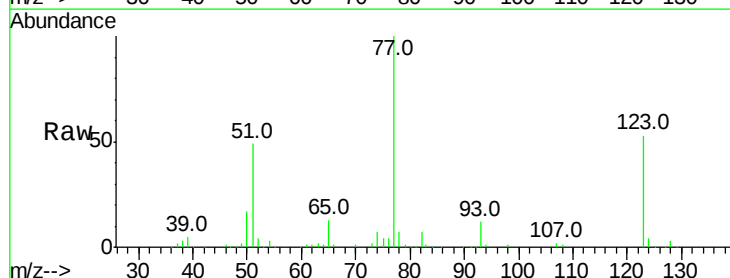
Tgt Ion: 77 Resp: 259420

Ion Ratio Lower Upper

77 100

123 53.2 35.8 53.8

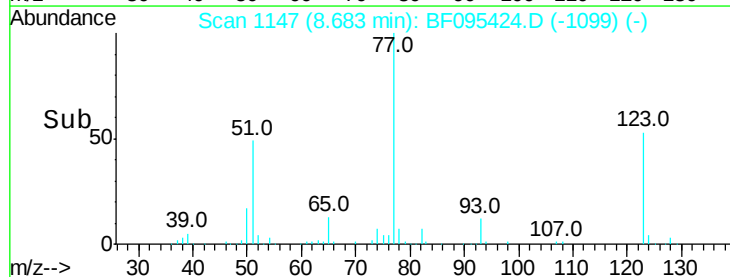
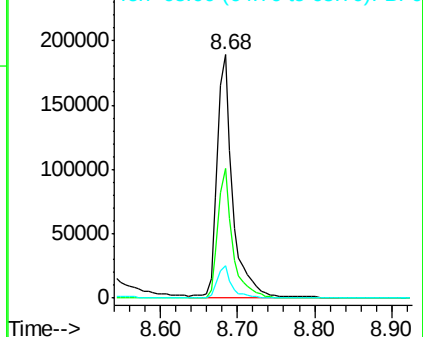
65 13.3 10.6 15.8

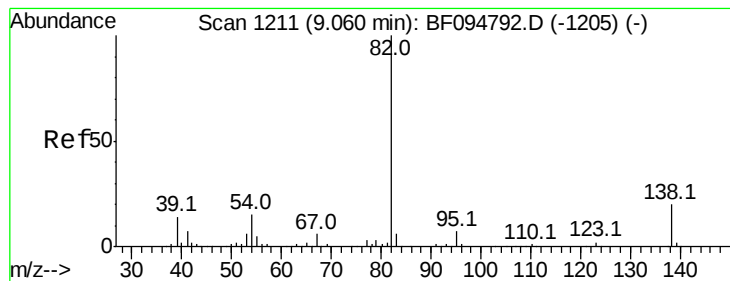


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.45 ng

RT: 9.08 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

Instrument :

BNA_F

ClientSampleId :

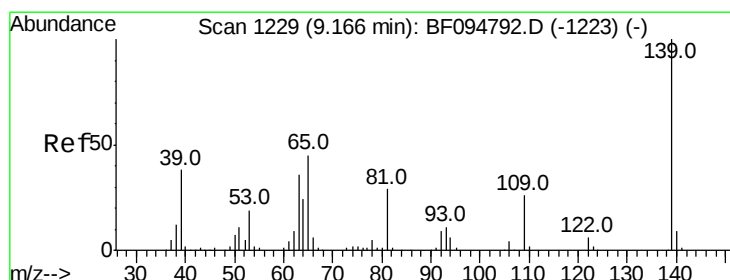
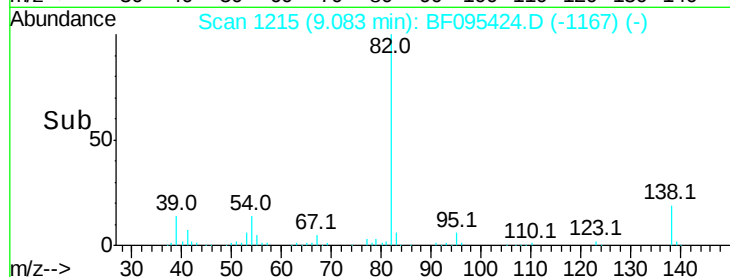
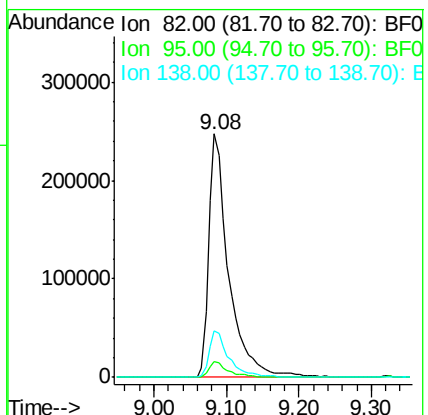
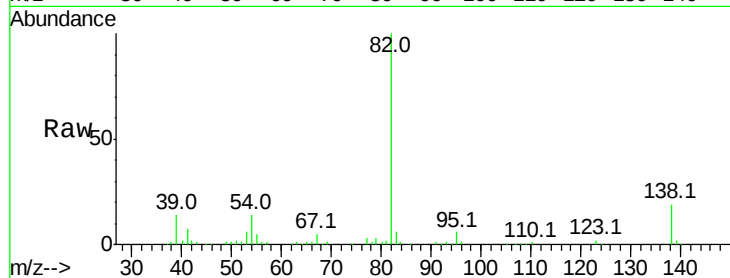
Tot Ion: 82 Resp: 473396

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 18.9 13.1 19.7



#26

2-Nitrophenol

Concen: 42.64 ng

RT: 9.19 min Scan# 1233

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

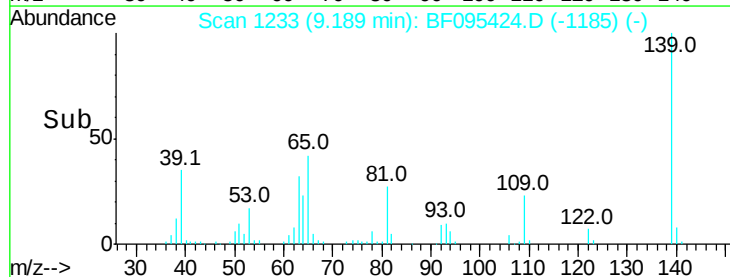
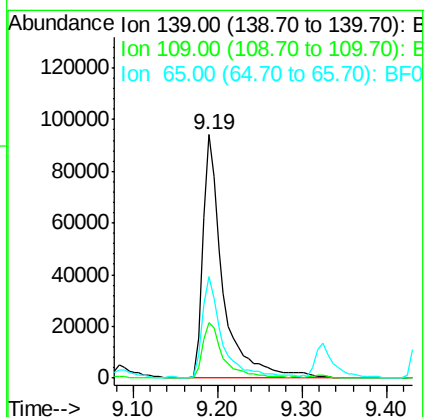
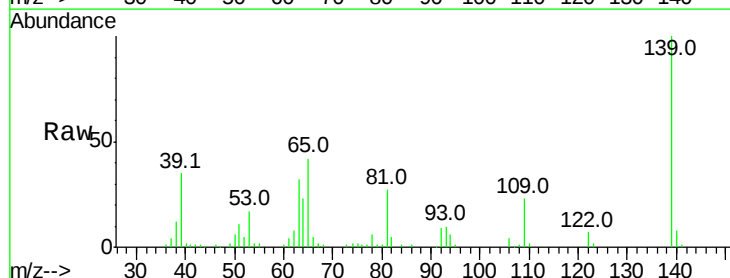
Tgt Ion:139 Resp: 154238

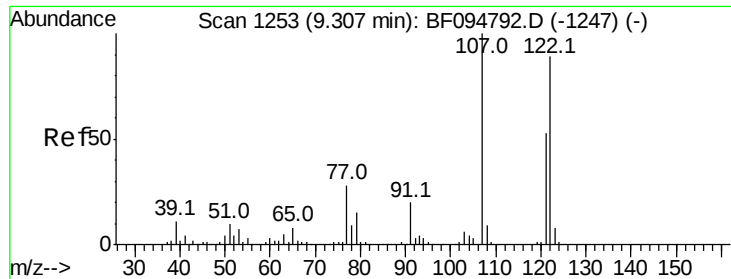
Ion Ratio Lower Upper

139 100

109 22.9 21.0 31.6

65 41.9 33.0 49.6

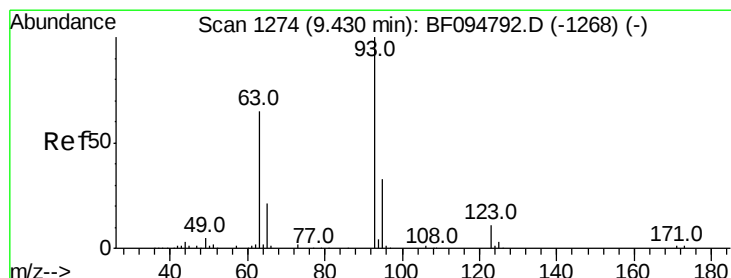
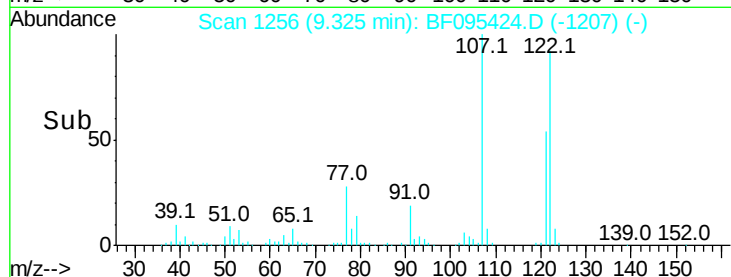
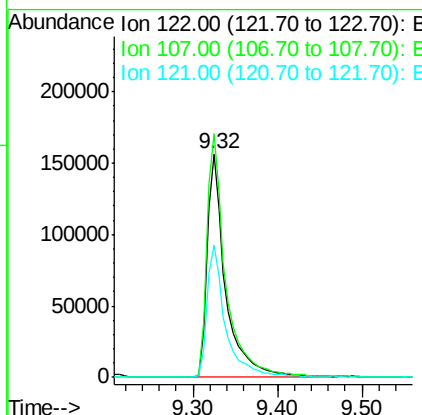
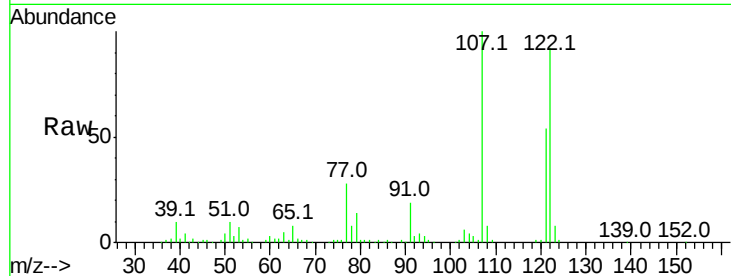




#27
 2,4-Dimethylphenol
 Concen: 40.95 ng
 RT: 9.32 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BF095424.D
 Acq: 25 May 2017 15:30

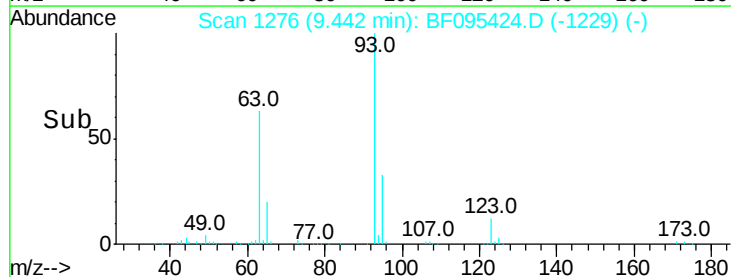
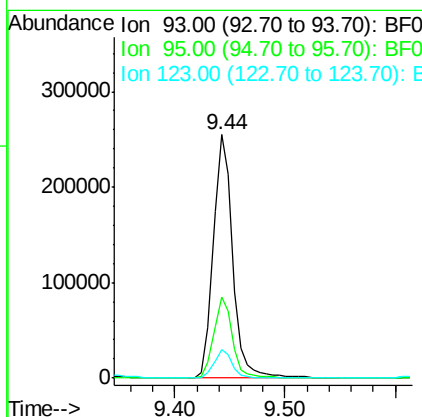
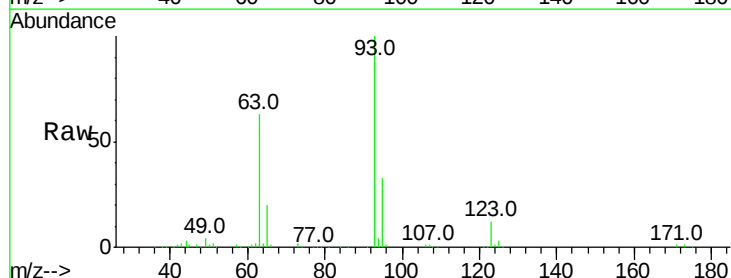
Instrument :
 BNA_F
 ClientSampleId :

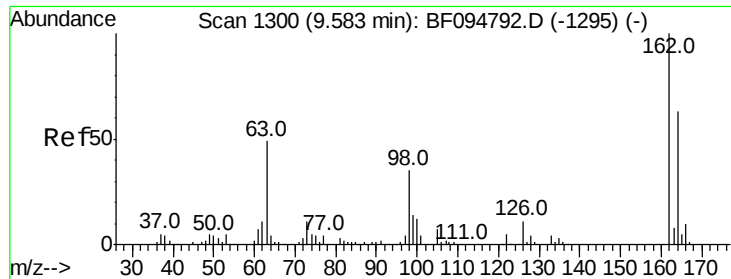
Tot Ion:122 Resp: 239538
 Ion Ratio Lower Upper
 122 100
 107 108.8 89.2 133.8
 121 58.8 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.00 ng
 RT: 9.44 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF095424.D
 Acq: 25 May 2017 15:30

Tgt Ion: 93 Resp: 308139
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.5 39.7
 123 11.5 9.0 13.4

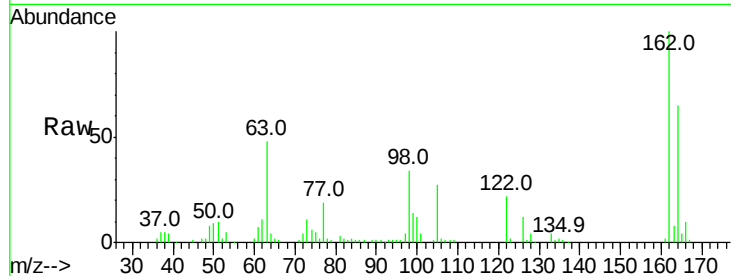




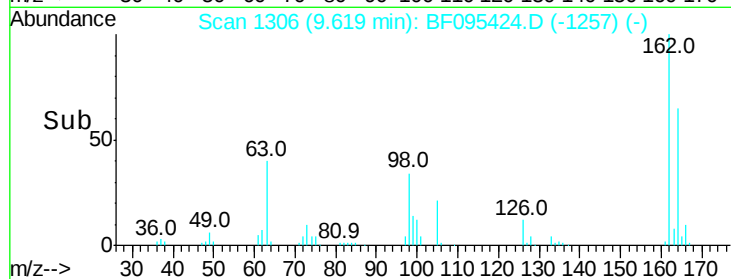
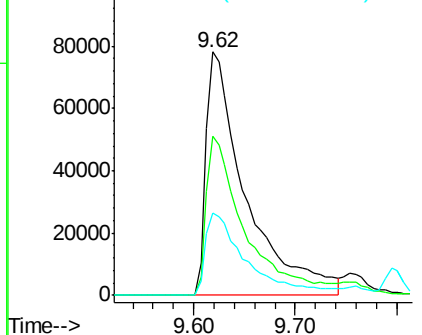
#29
 2,4-Dichlorophenol
 Concen: 38.57 ng
 RT: 9.62 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF095424.D
 Acq: 25 May 2017 15:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.6	84.6
98	33.7	14.8	54.8

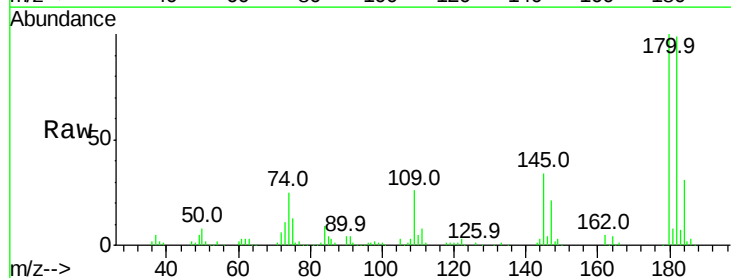


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

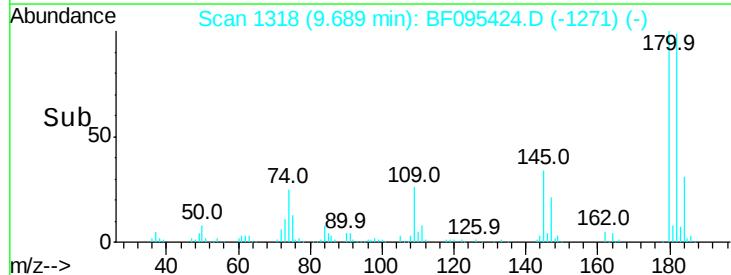
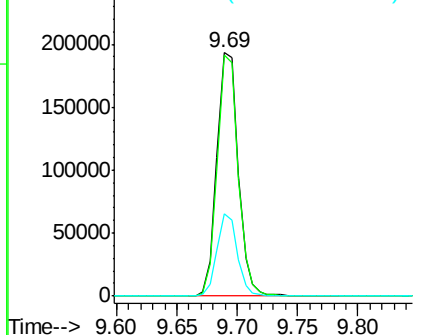


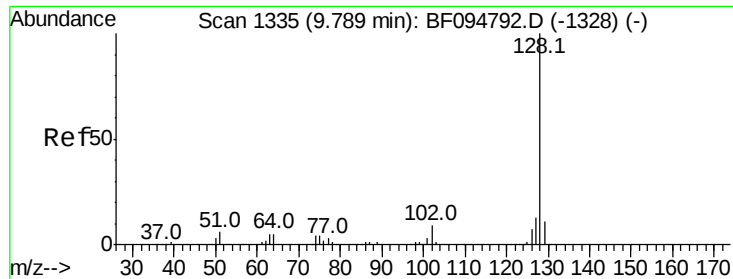
#30
 1,2,4-Trichlorobenzene
 Concen: 39.79 ng
 RT: 9.69 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF095424.D
 Acq: 25 May 2017 15:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.1	75.8	113.6
145	33.7	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

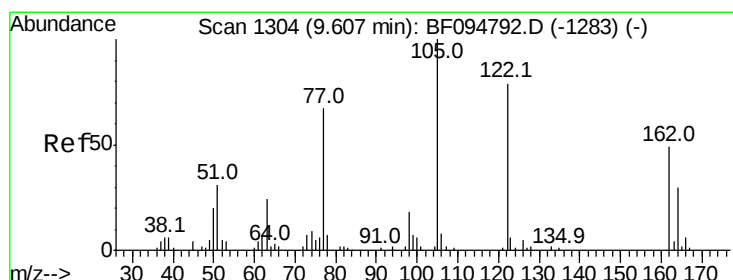
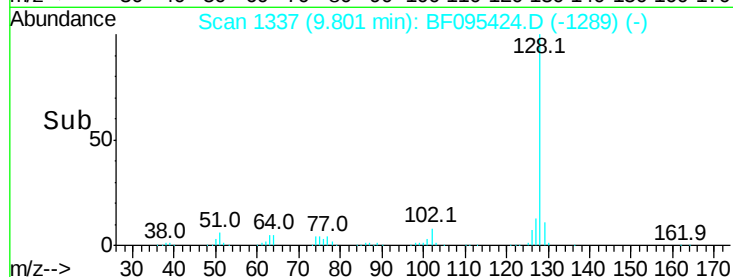
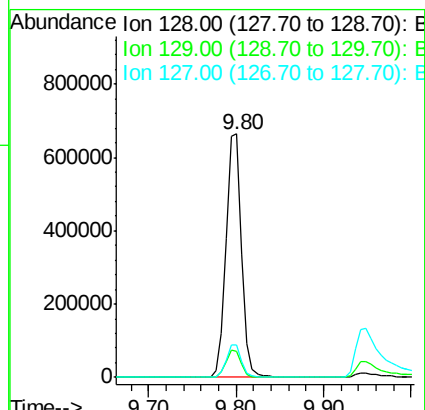
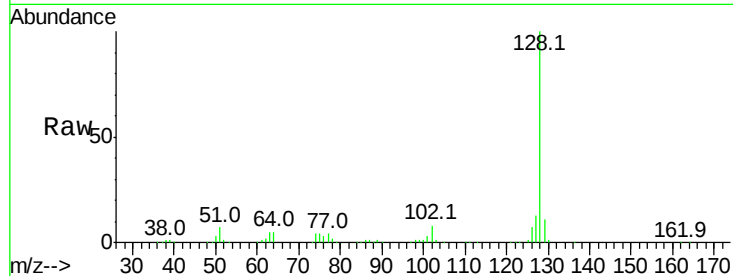




#31
Naphthalene
Concen: 40.38 ng
RT: 9.80 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF095424.D
Acq: 25 May 2017 15:30

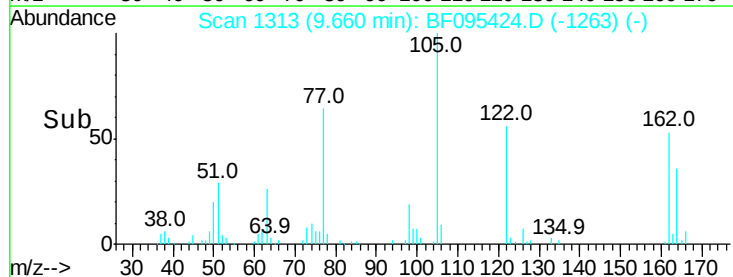
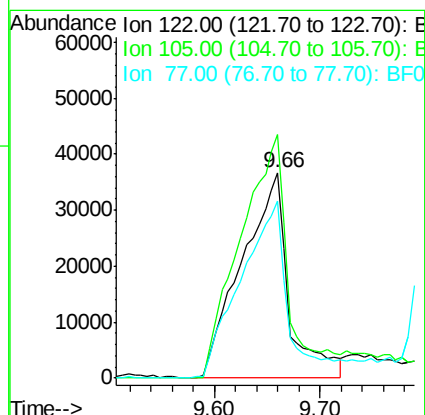
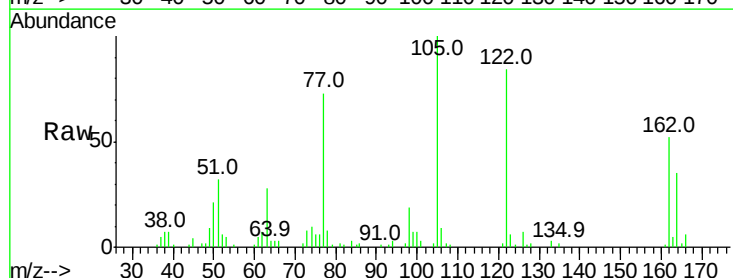
Instrument :
BNA_F
ClientSampleId :

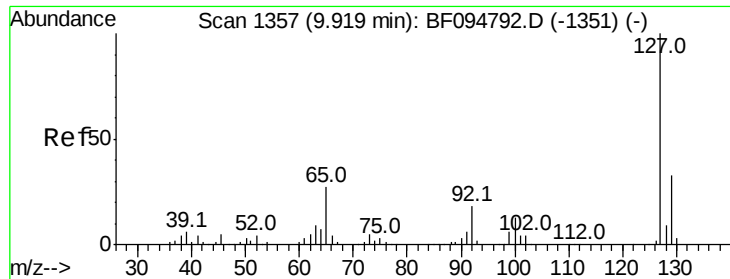
Tot Ion:128 Resp: 818634
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 31.47 ng
RT: 9.66 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF095424.D
Acq: 25 May 2017 15:30

Tgt Ion:122 Resp: 113343
Ion Ratio Lower Upper
122 100
105 118.4 103.3 143.3
77 86.0 73.7 113.7

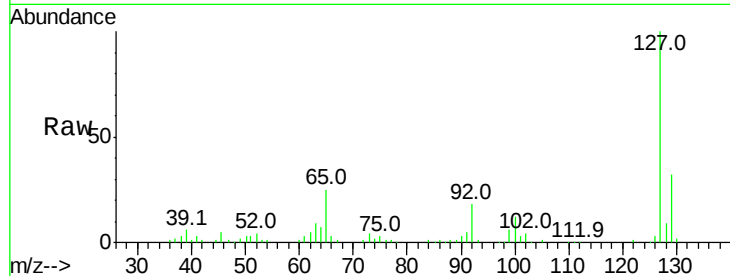




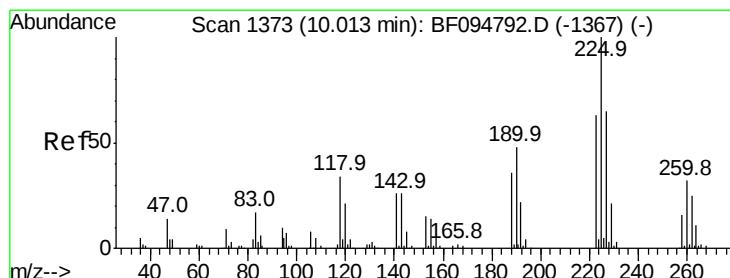
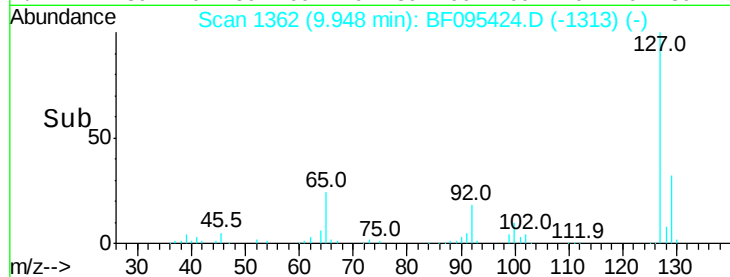
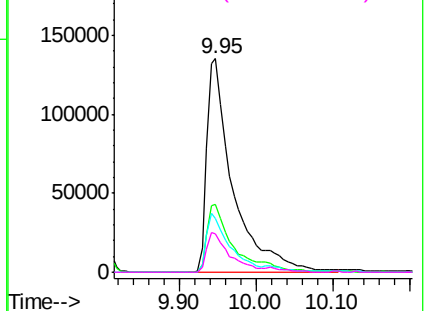
#33
4-Chloroaniline
Concen: 42.03 ng
RT: 9.95 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF095424.D
Acq: 25 May 2017 15:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	317495
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.2
65	25.3	27.8	41.8#
92	17.8	16.8	25.2

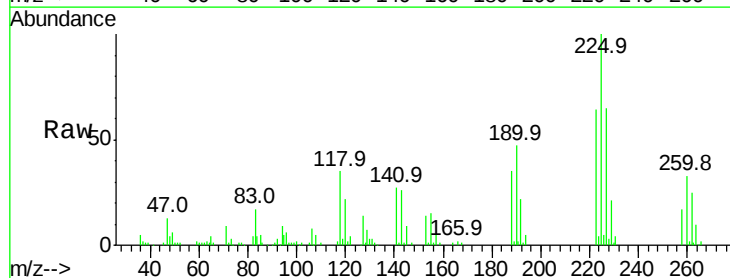


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

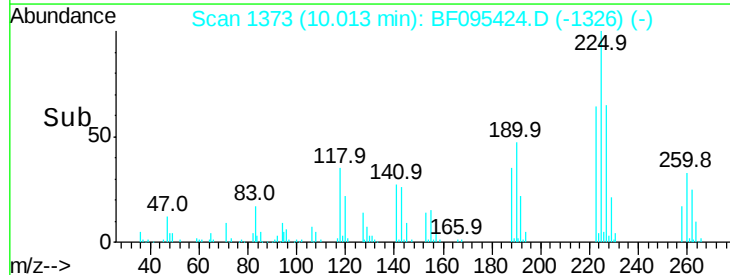
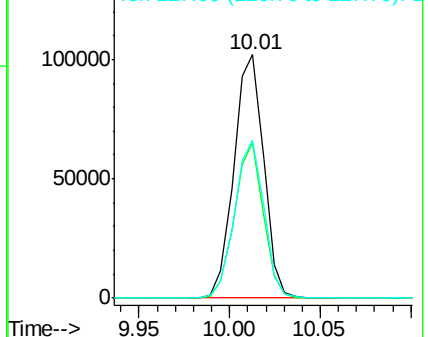


#34
Hexachlorobutadiene
Concen: 37.23 ng
RT: 10.01 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF095424.D
Acq: 25 May 2017 15:30

Tgt Ion:	225	Resp:	116239
Ion	Ratio	Lower	Upper
225	100		
223	63.7	48.8	73.2
227	65.0	51.1	76.7



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





#35

Caprolactam

Concen: 27.18 ng

RT: 10.58 min Scan# 1469

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

Instrument :

BNA_F

ClientSampled :

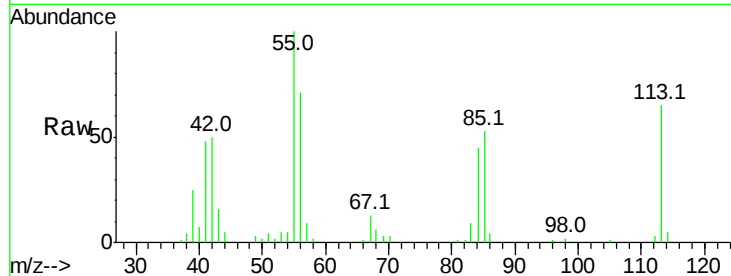
Tot Ion:113 Resp: 45068

Ion Ratio Lower Upper

113 100

55 154.2 150.2 190.2

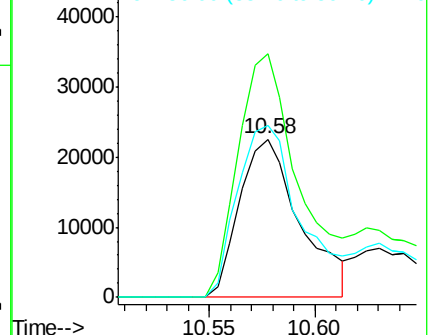
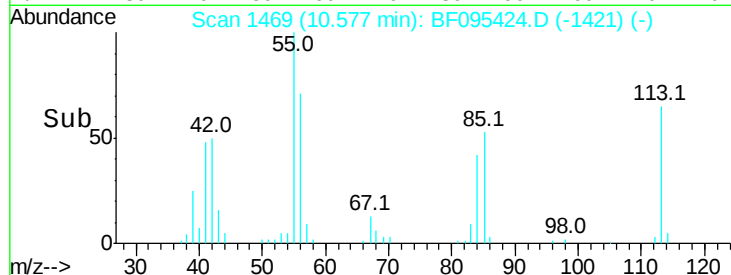
56 109.2 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.48 ng

RT: 10.81 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

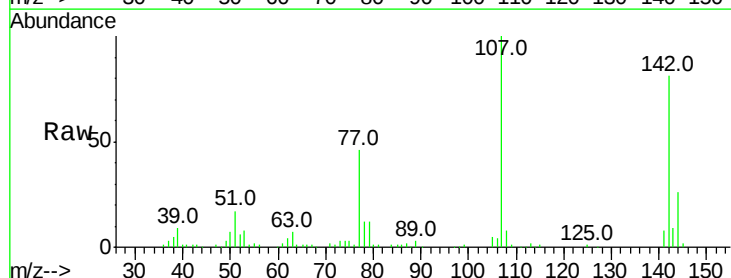
Tgt Ion:107 Resp: 244894

Ion Ratio Lower Upper

107 100

144 26.5 24.2 36.4

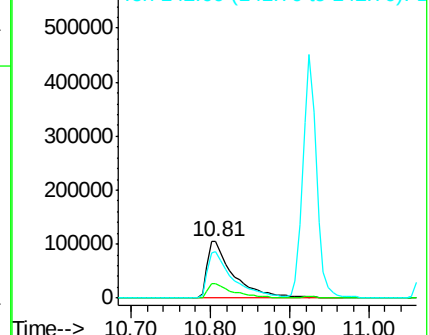
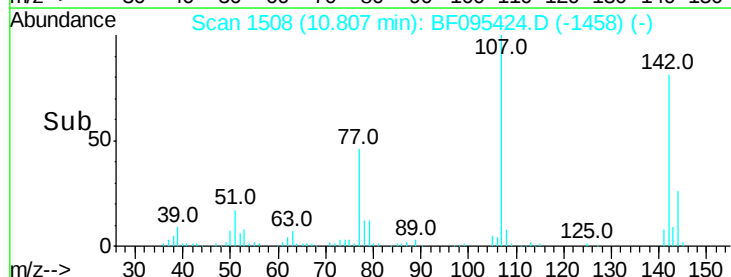
142 81.4 73.4 110.0

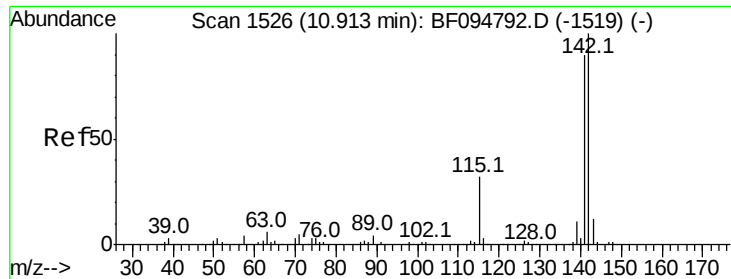


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

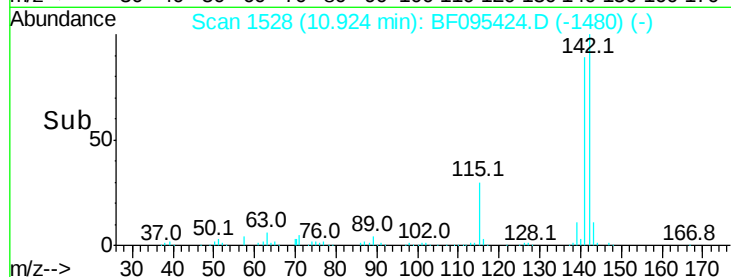
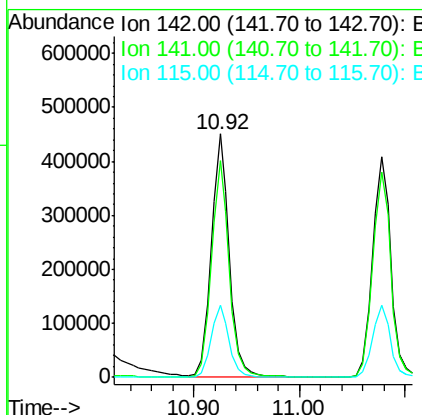
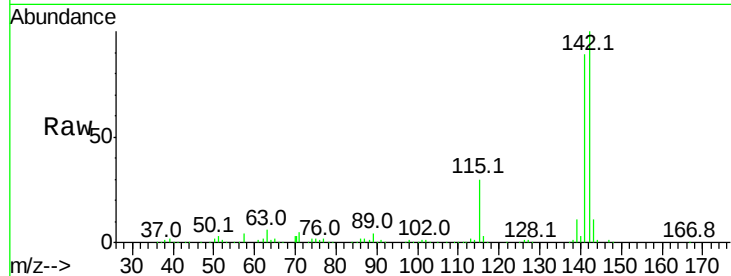




#37
2-Methylnaphthalene
Concen: 40.58 ng
RT: 10.92 min Scan# 1528
Delta R.T. -0.02 min
Lab File: BF095424.D
Acq: 25 May 2017 15:30

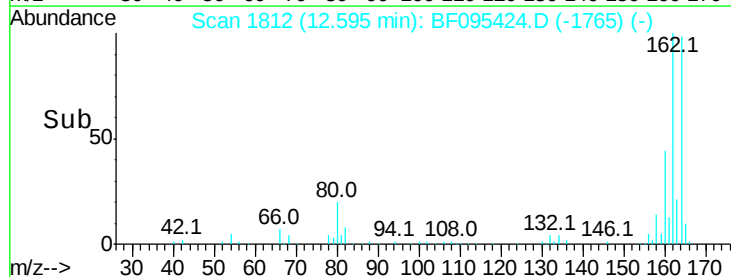
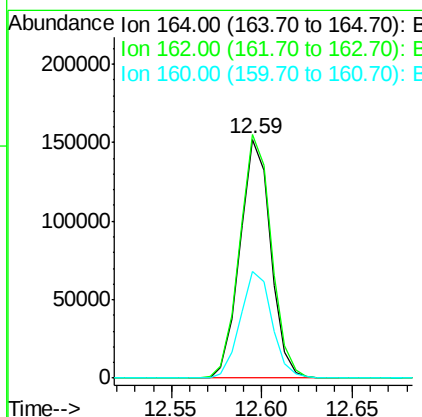
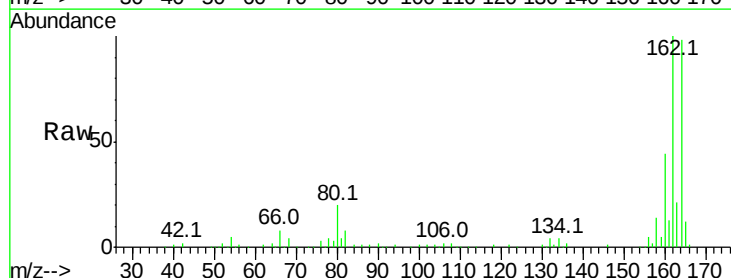
Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 539840
Ion Ratio Lower Upper
142 100
141 89.2 71.3 106.9
115 29.8 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BF095424.D
Acq: 25 May 2017 15:30

Tgt Ion:164 Resp: 178579
Ion Ratio Lower Upper
164 100
162 102.0 82.6 123.8
160 44.7 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.25 ng

RT: 11.21 min Scan# 1576

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 221043

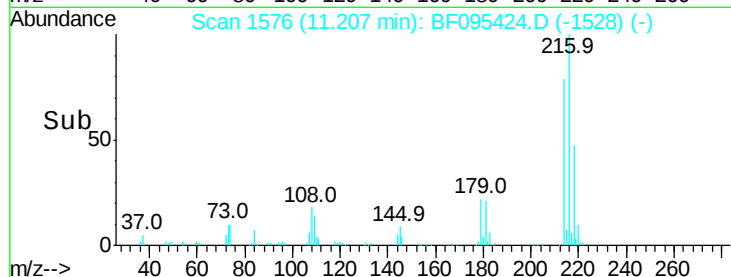
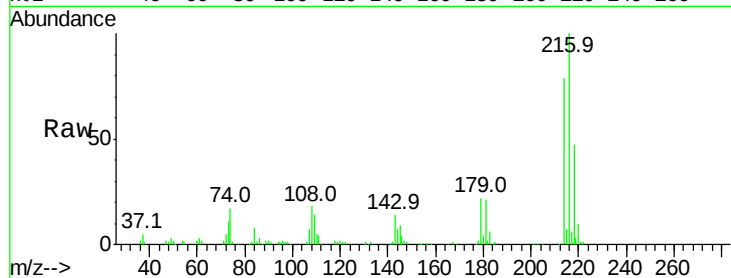
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.2

179 21.4 17.9 26.9

108 17.7 16.5 24.7

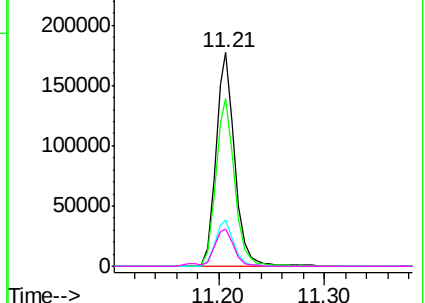


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 33.02 ng

RT: 11.17 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

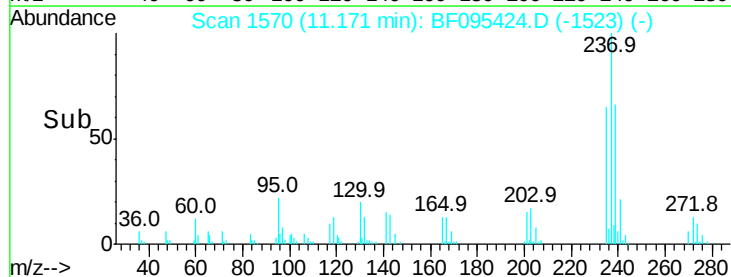
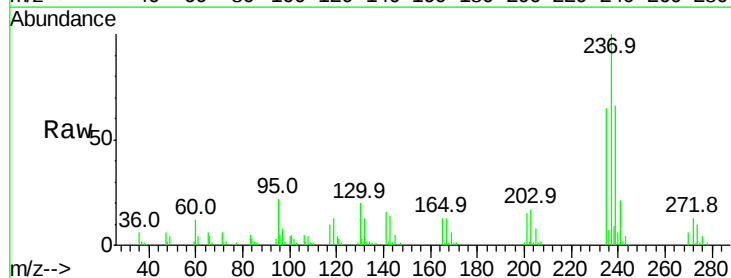
Tgt Ion:237 Resp: 67363

Ion Ratio Lower Upper

237 100

235 64.7 42.6 82.6

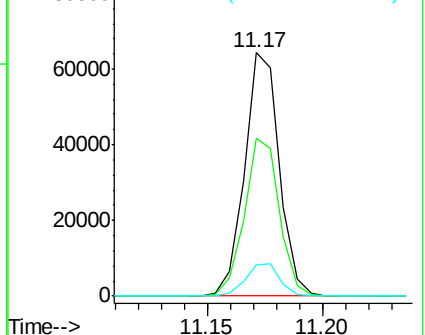
272 12.8 0.0 31.9



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: 81.67 ng

RT: 13.90 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

Instrument :

BNA_F

ClientSampled :

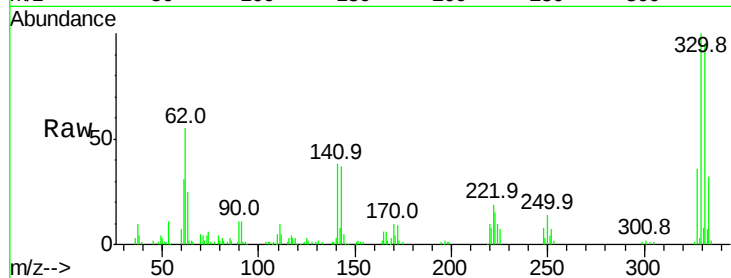
Tot Ion:330 Resp: 119440

Ion Ratio Lower Upper

330 100

332 97.2 76.6 115.0

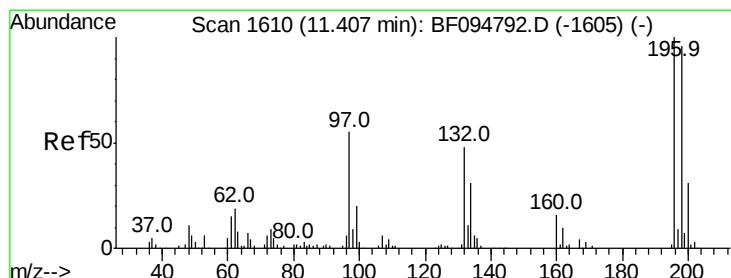
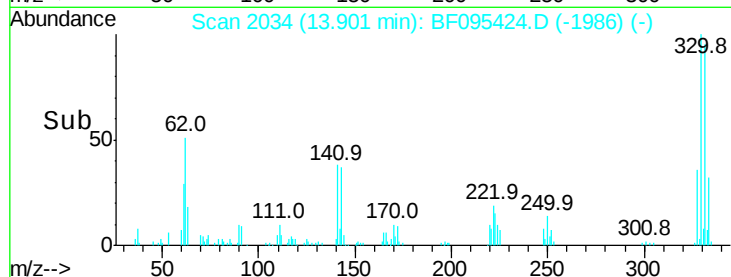
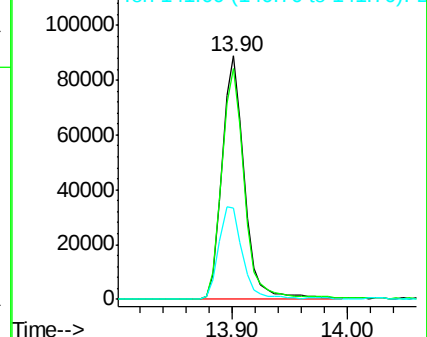
141 40.4 31.4 47.2



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: 39.92 ng

RT: 11.43 min Scan# 1614

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

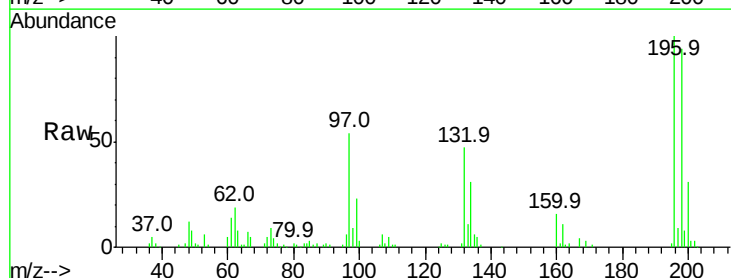
Tgt Ion:196 Resp: 146362

Ion Ratio Lower Upper

196 100

198 94.1 74.2 111.4

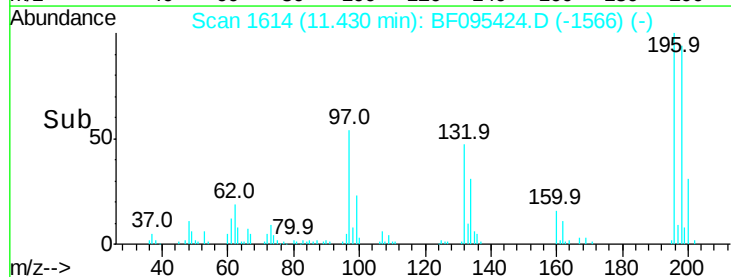
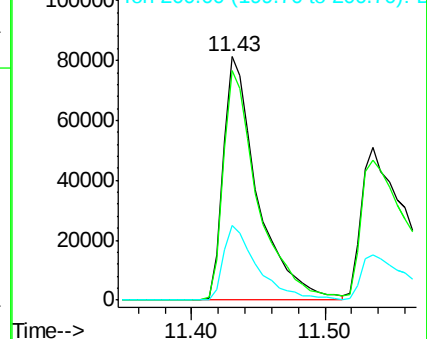
200 30.9 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

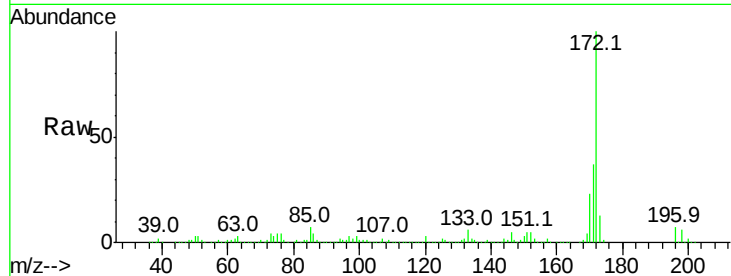




#43
 2,4,5-Trichlorophenol
 Concen: 35.46 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF095424.D
 Acq: 25 May 2017 15:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Resp	Lower	Upper
196	100		
198	91.8	75.7	113.5
97	48.2	47.7	71.5
132	36.2	28.0	42.0



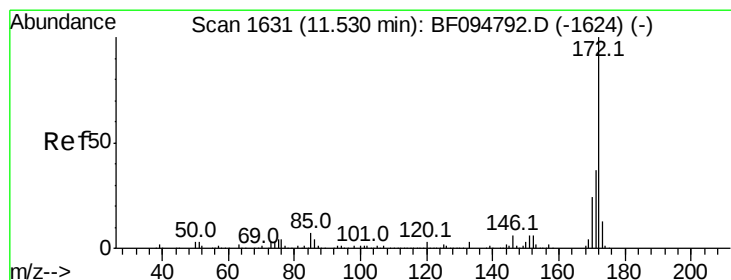
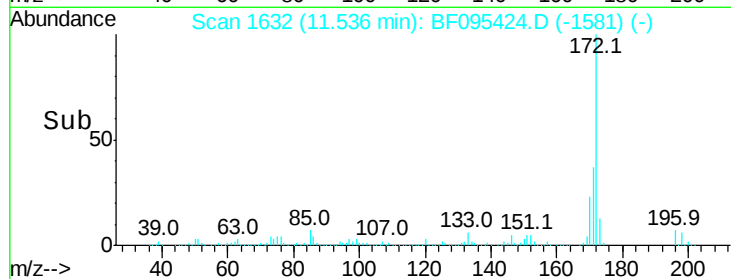
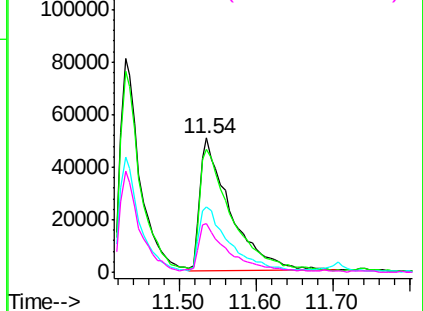
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

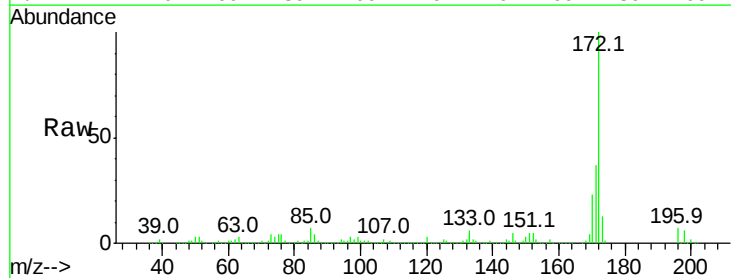
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.74 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF095424.D
 Acq: 25 May 2017 15:30

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	23.2	19.8	29.8

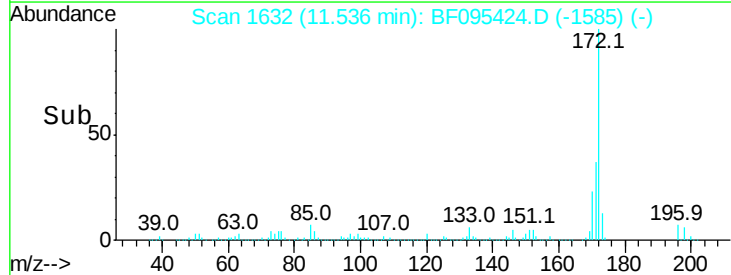
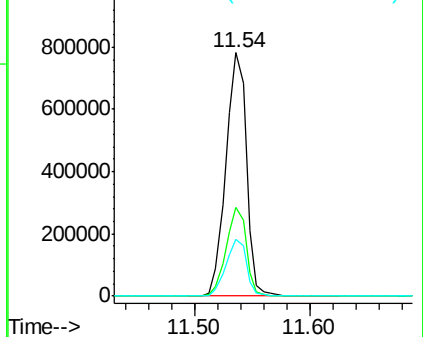


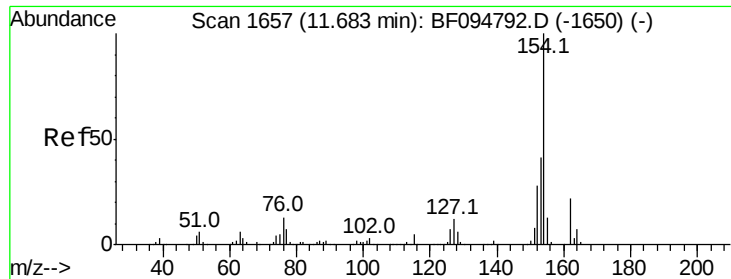
Abundance

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

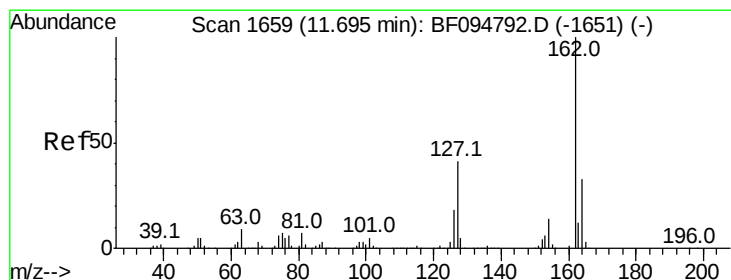
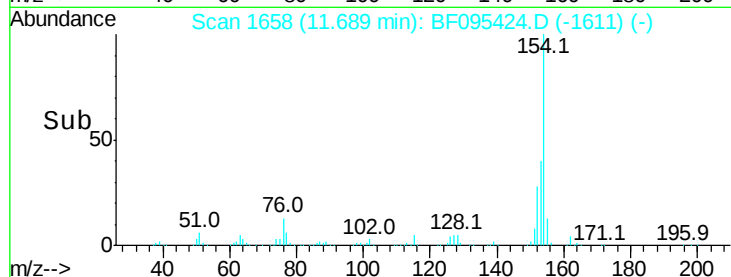
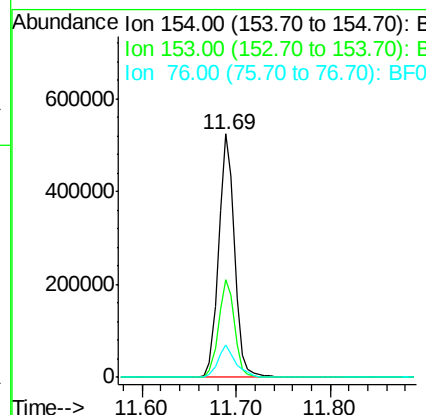
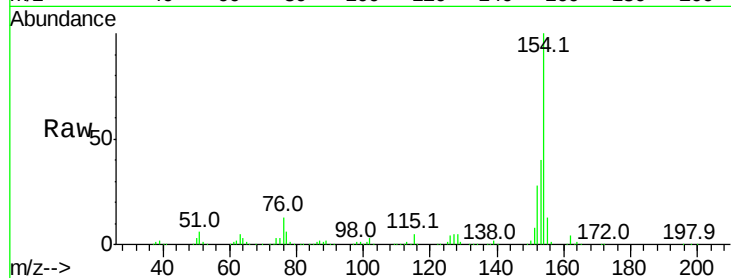




#45
 1,1'-Biphenyl
 Concen: 41.72 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF095424.D
 Acq: 25 May 2017 15:30

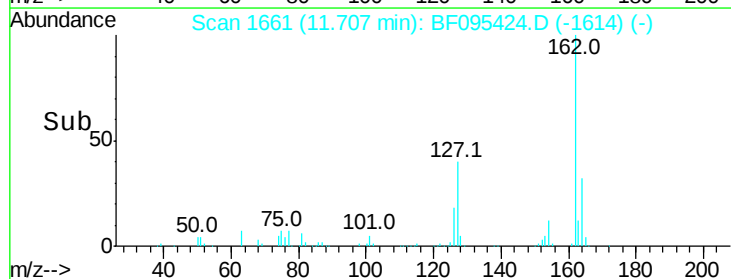
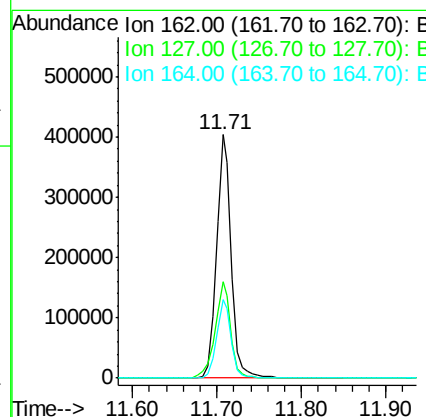
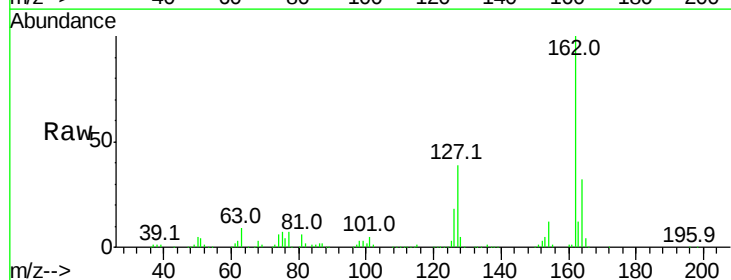
Instrument :
 BNA_F
 ClientSampleId :

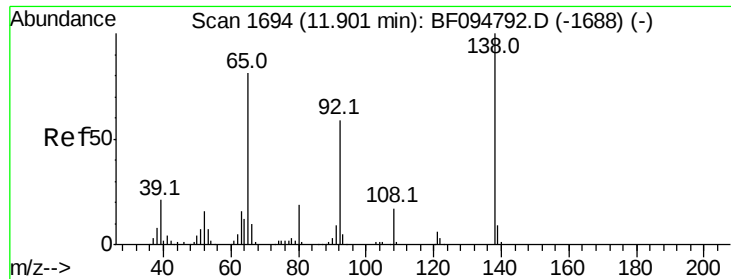
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.2	61.2
76	13.4	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 41.01 ng
 RT: 11.71 min Scan# 1661
 Delta R.T. -0.02 min
 Lab File: BF095424.D
 Acq: 25 May 2017 15:30

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.5	28.3	42.5
164	32.1	27.0	40.4





#47

2-Nitroaniline

Concen: 41.52 ng

RT: 11.94 min Scan# 1700

Delta R.T. -0.01 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

Instrument :

BNA_F

ClientSampleId :

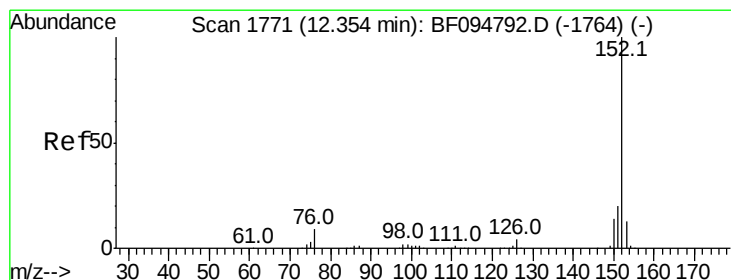
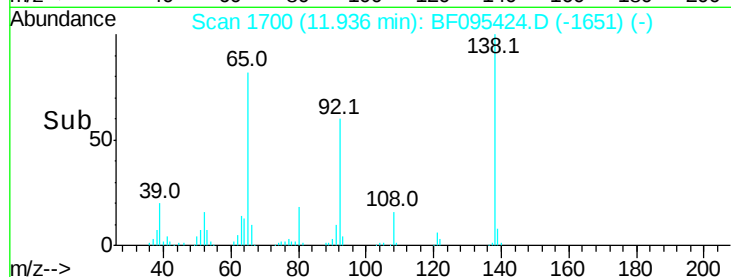
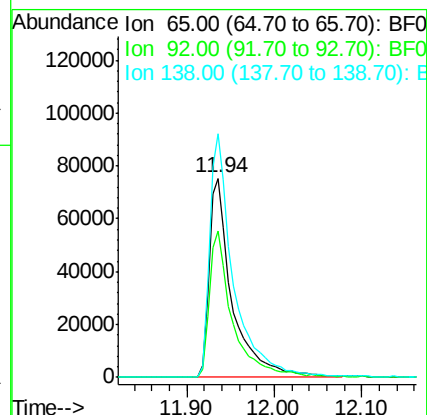
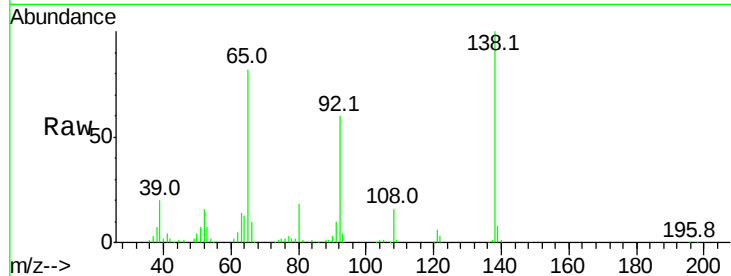
Tot Ion: 65 Resp: 137980

Ion Ratio Lower Upper

65 100

92 73.9 53.9 80.9

138 122.4 78.8 118.2#



#48

Acenaphthylene

Concen: 40.05 ng

RT: 12.37 min Scan# 1773

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

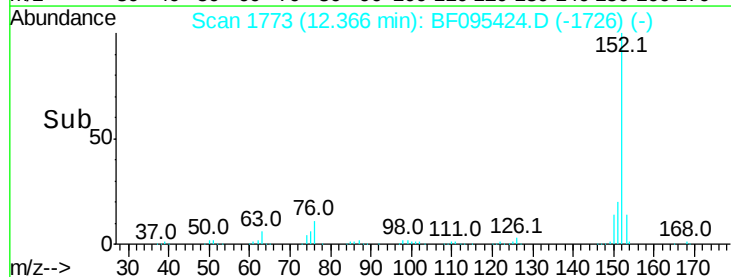
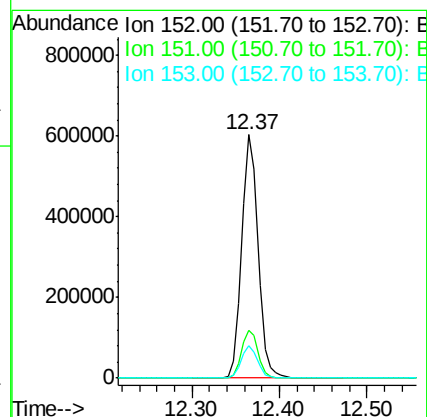
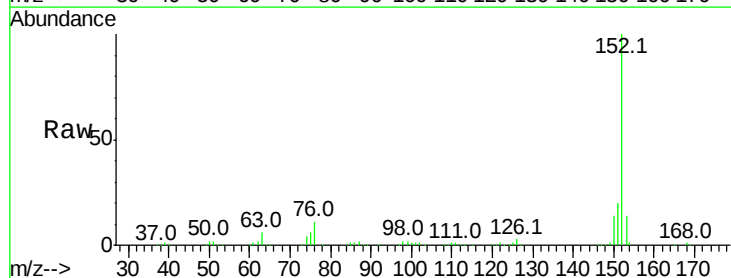
Tgt Ion: 152 Resp: 761510

Ion Ratio Lower Upper

152 100

151 19.7 16.8 25.2

153 13.5 10.8 16.2





#49

Dimethylphthalate

Concen: 39.12 ng

RT: 12.24 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

Instrument :

BNA_F

ClientSampleId :

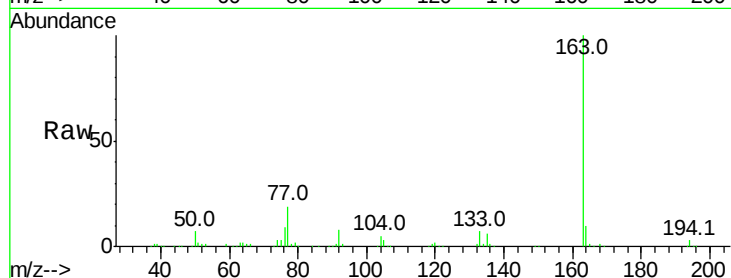
Tot Ion:163 Resp: 573468

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

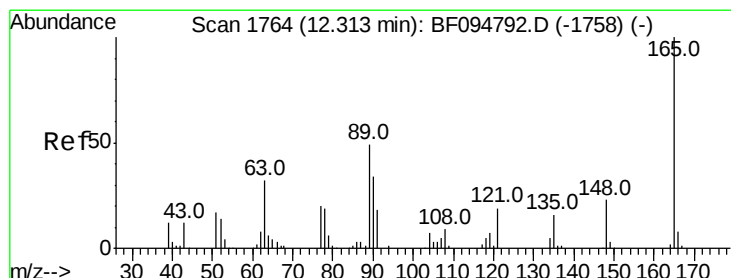
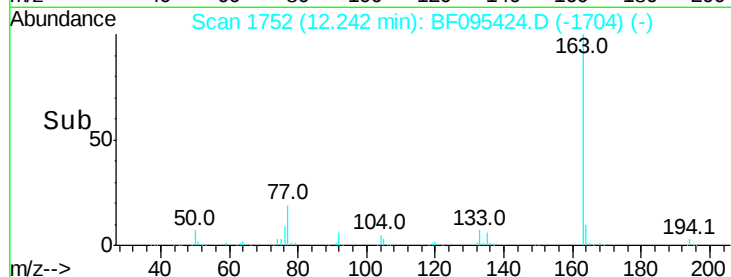
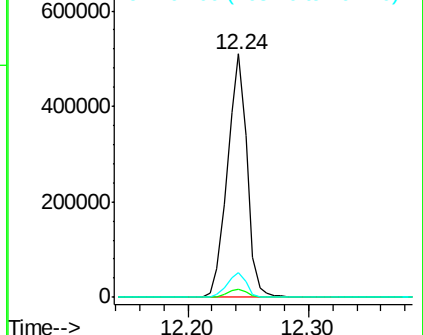
164 10.0 8.4 12.6



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: 40.64 ng

RT: 12.34 min Scan# 1768

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

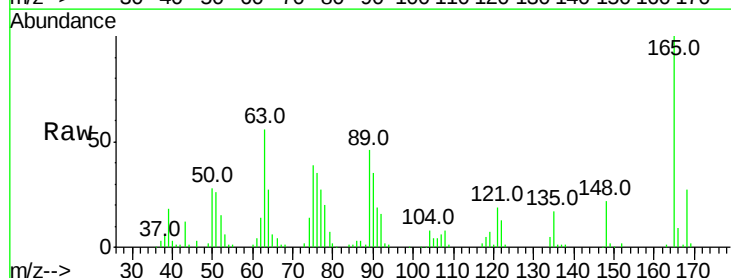
Tgt Ion:165 Resp: 121559

Ion Ratio Lower Upper

165 100

63 56.2 34.3 51.5#

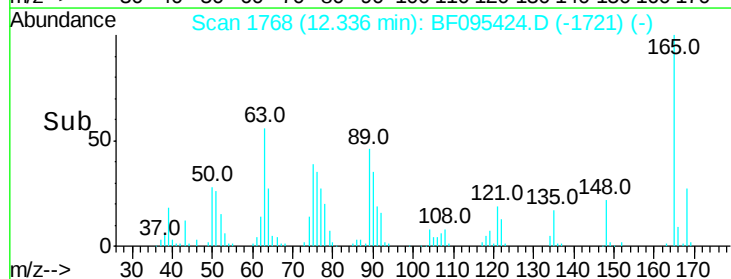
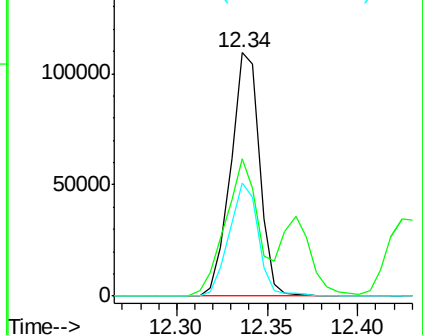
89 46.5 37.1 55.7

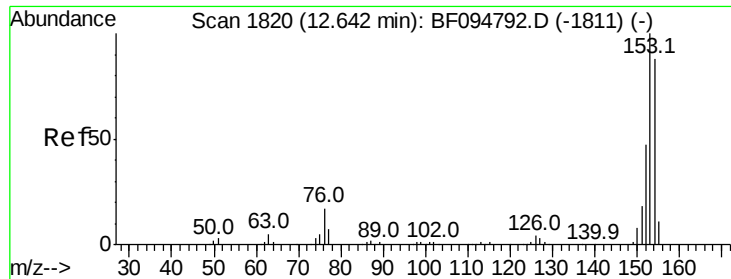


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.62 ng

RT: 12.65 min Scan# 1821

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

Instrument :

BNA_F

ClientSampleId :

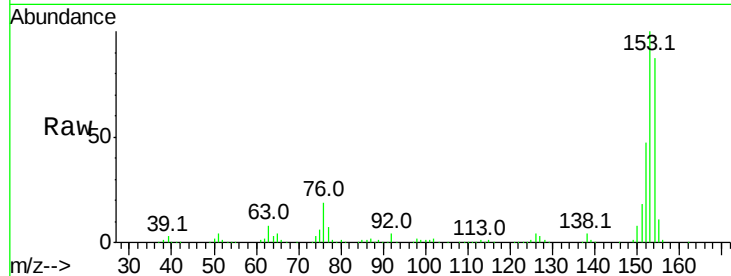
Tot Ion:154 Resp: 450032

Ion Ratio Lower Upper

154 100

153 115.3 90.5 135.7

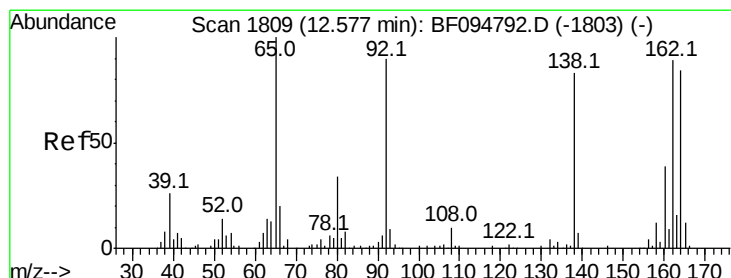
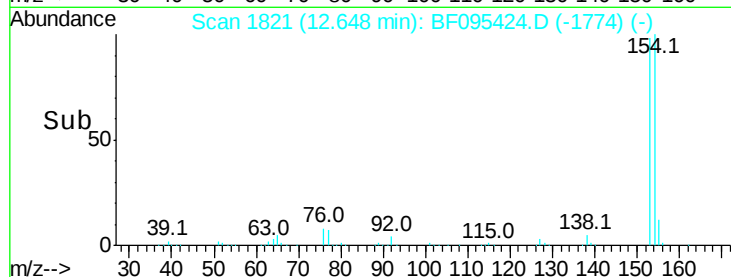
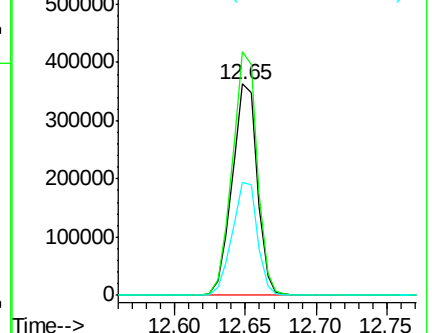
152 53.8 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.88 ng

RT: 12.62 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

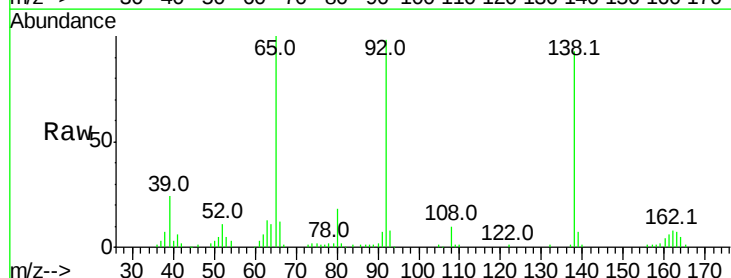
Tgt Ion:138 Resp: 131219

Ion Ratio Lower Upper

138 100

108 10.6 9.1 13.7

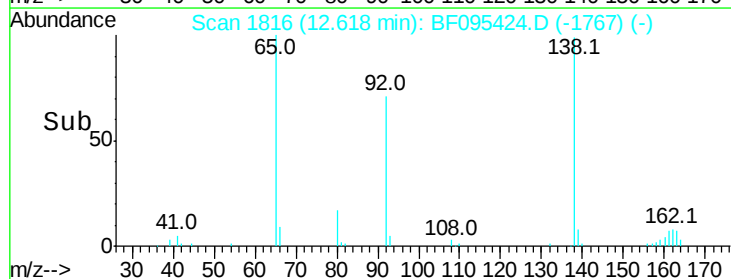
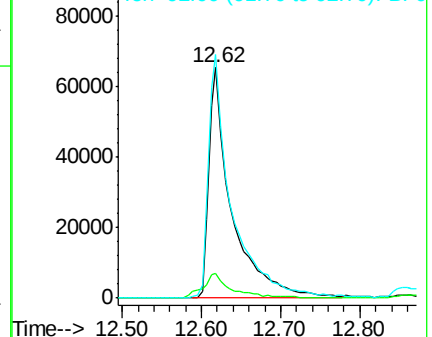
92 105.5 93.8 140.6

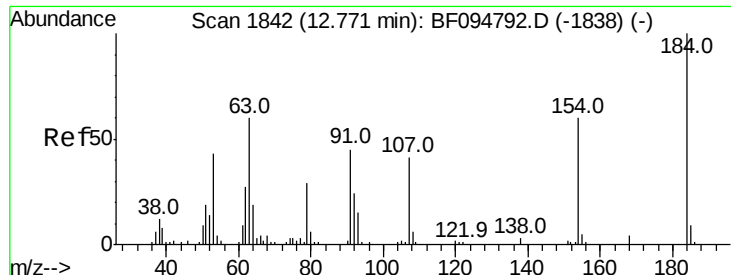


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

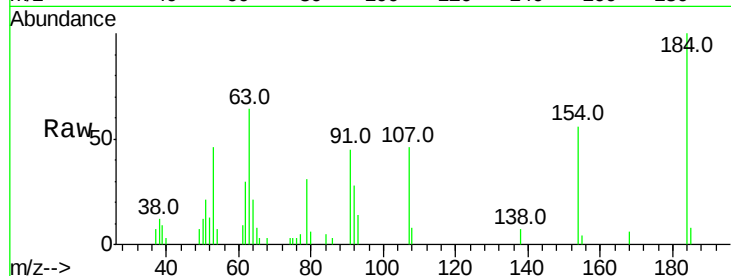




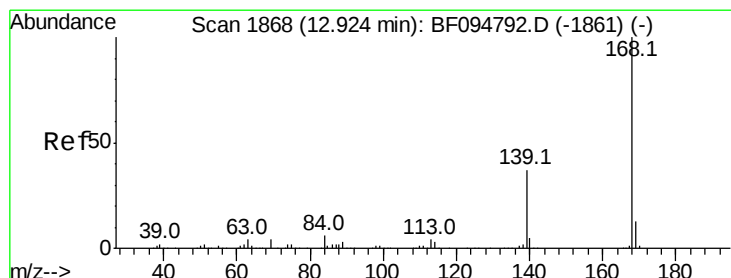
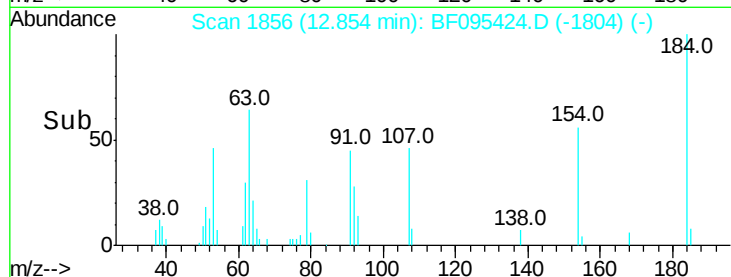
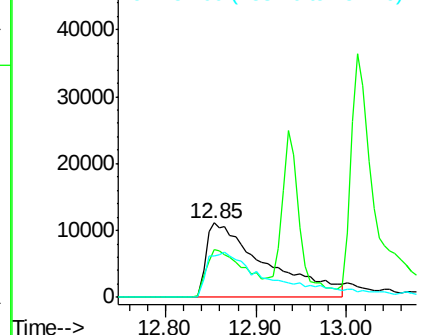
#53
2,4-Dinitrophenol
Concen: 34.61 ng
RT: 12.85 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BF095424.D
Acq: 25 May 2017 15:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 50685
Ion Ratio Lower Upper
184 100
63 64.0 62.7 94.1
154 56.3 81.1 121.7#

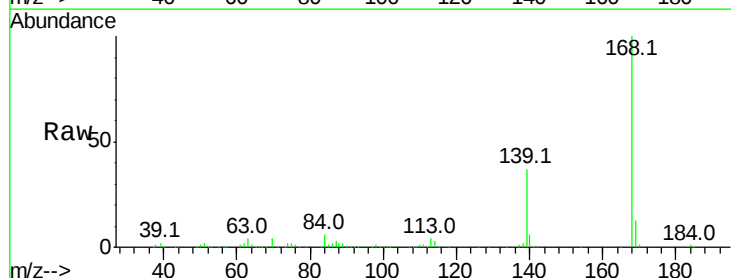


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

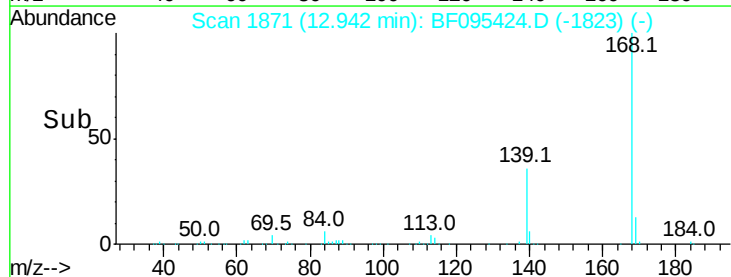
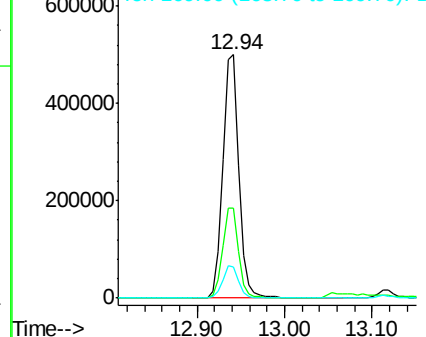


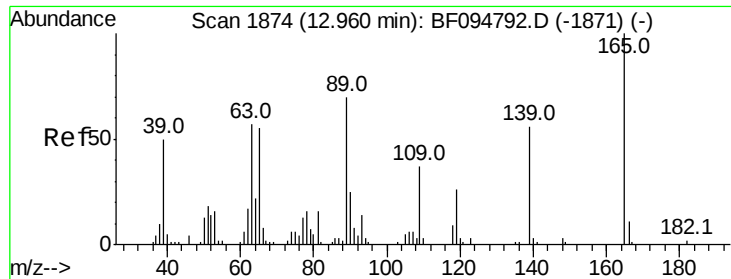
#54
Dibenzofuran
Concen: 40.70 ng
RT: 12.94 min Scan# 1871
Delta R.T. -0.02 min
Lab File: BF095424.D
Acq: 25 May 2017 15:30

Tgt Ion:168 Resp: 639666
Ion Ratio Lower Upper
168 100
139 36.7 30.6 45.8
169 12.9 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

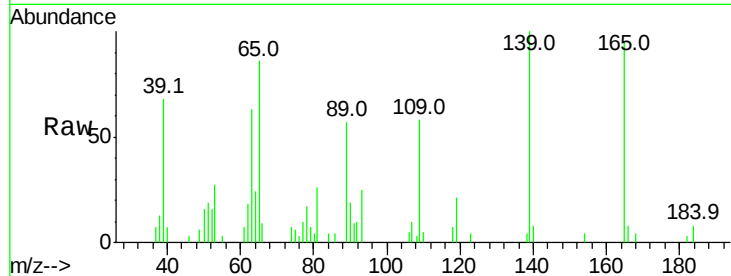




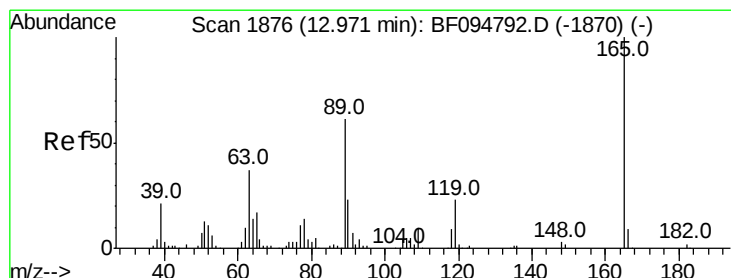
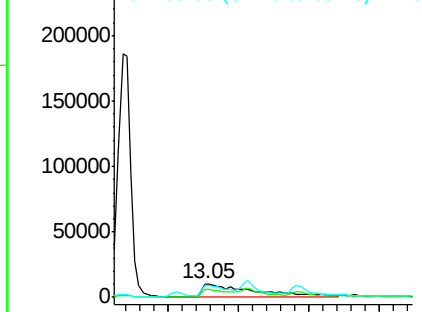
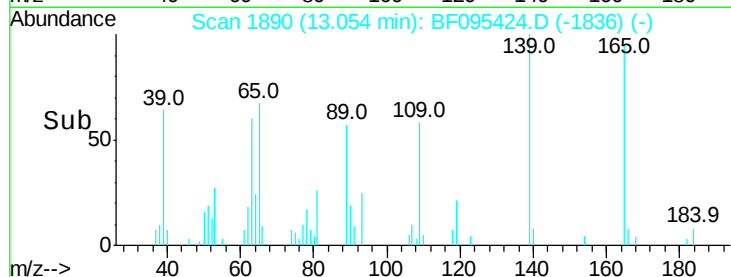
#55
4-Nitrophenol
Concen: 28.83 ng
RT: 13.05 min Scan# 1890
Delta R.T. 0.02 min
Lab File: BF095424.D
Acq: 25 May 2017 15:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 55578
Ion Ratio Lower Upper
139 100
109 58.1 34.1 74.1
65 86.1 31.4 71.4#

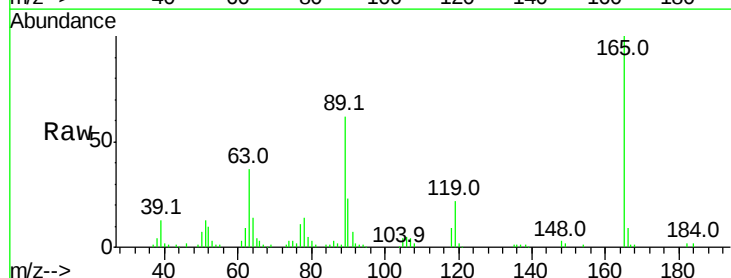


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

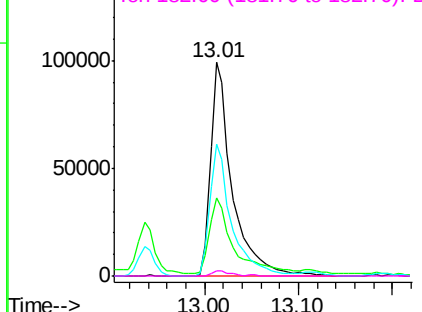
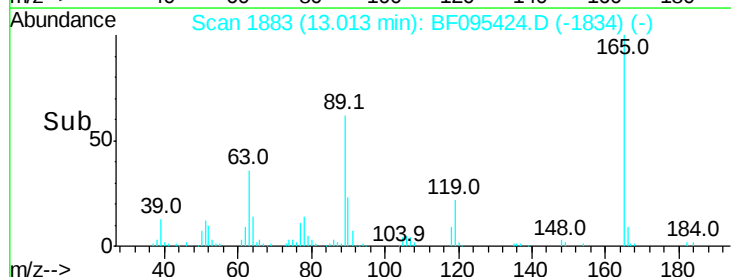


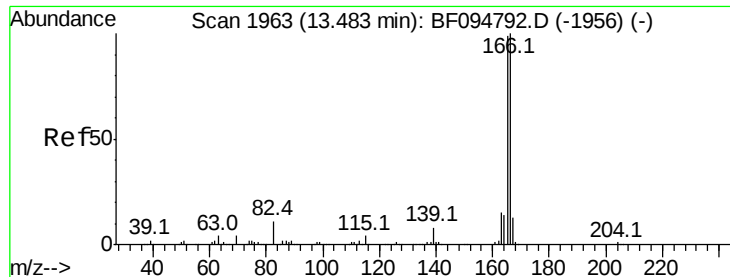
#56
2,4-Dinitrotoluene
Concen: 41.75 ng
RT: 13.01 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BF095424.D
Acq: 25 May 2017 15:30

Tgt Ion:165 Resp: 160471
Ion Ratio Lower Upper
165 100
63 36.7 25.4 38.0
89 61.9 46.4 69.6
182 2.2 1.8 2.6



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





#57

Fluorene

Concen: 40.18 ng

RT: 13.49 min Scan# 1965

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

Instrument :

BNA_F

ClientSampleId :

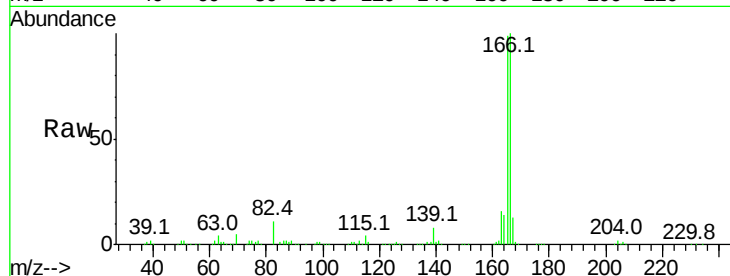
Tot Ion:166 Resp: 549160

Ion Ratio Lower Upper

166 100

165 98.7 78.8 118.2

167 13.2 10.6 16.0

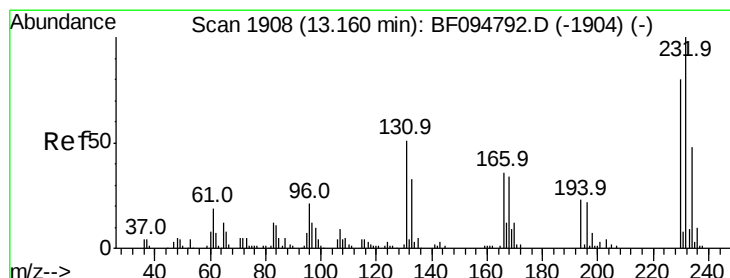
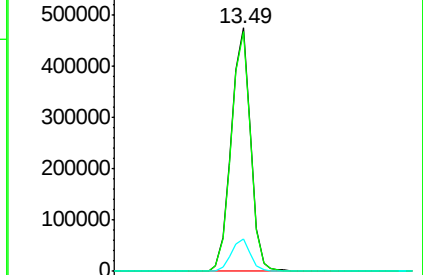
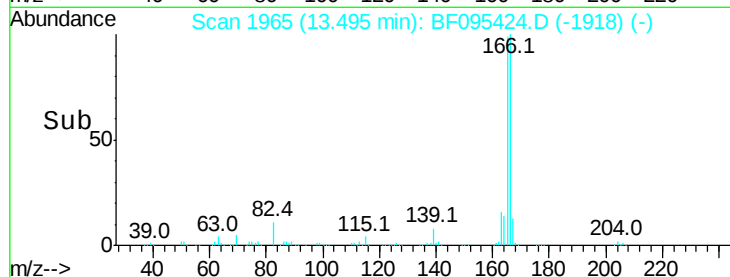


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

13.49



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.06 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

Tgt Ion:232 Resp: 104326

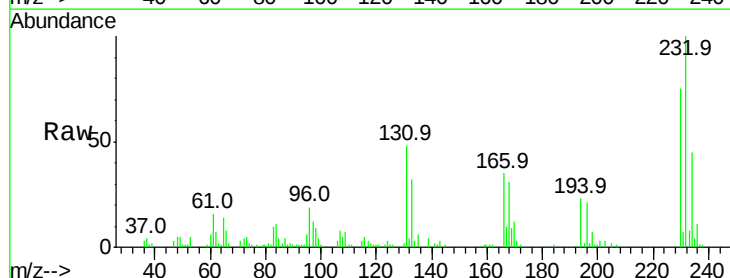
Ion Ratio Lower Upper

232 100

131 38.9 44.8 67.2#

130 1.8 2.3 3.5#

166 27.2 29.0 43.4#



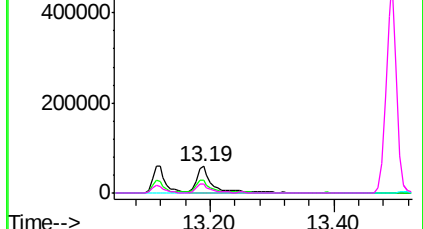
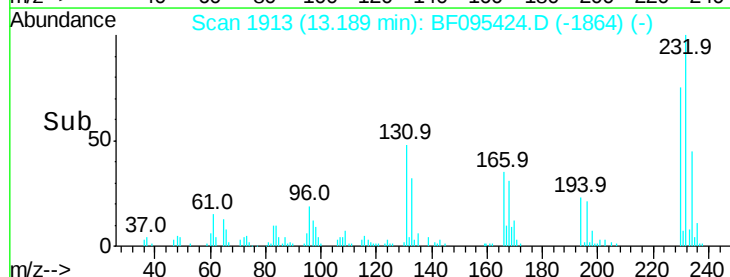
Abundance Ion 232.00 (231.70 to 232.70): E

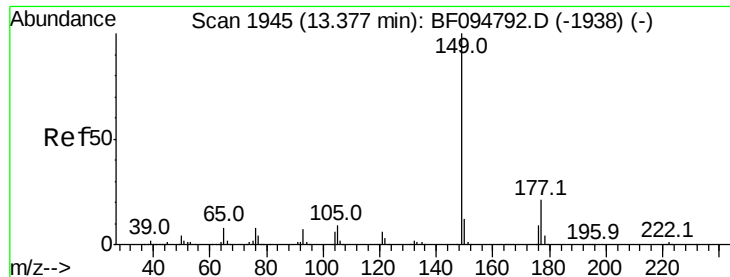
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

13.19

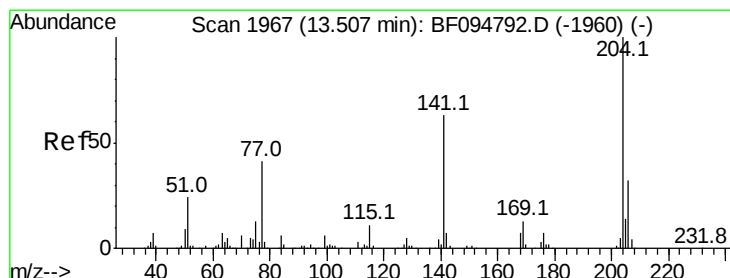
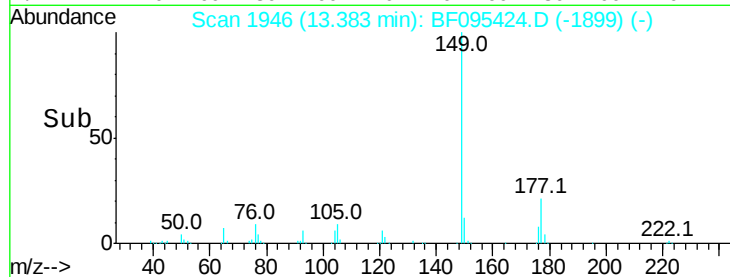
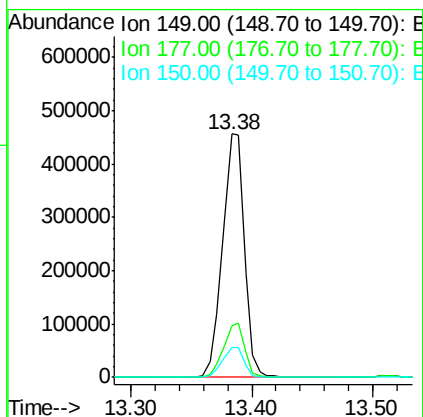
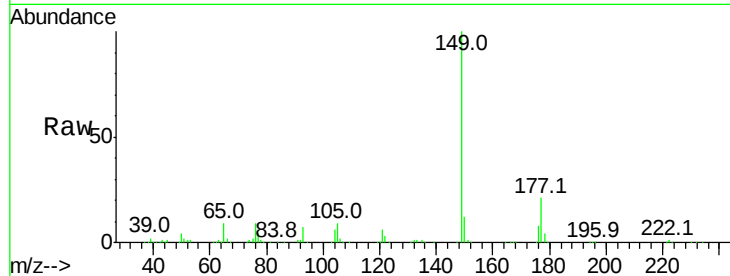




#59
Diethylphthalate
Concen: 40.59 ng
RT: 13.38 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BF095424.D
Acq: 25 May 2017 15:30

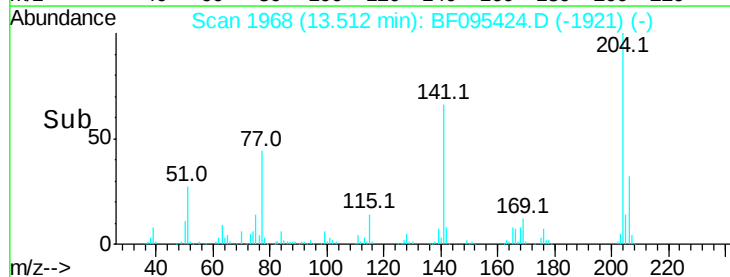
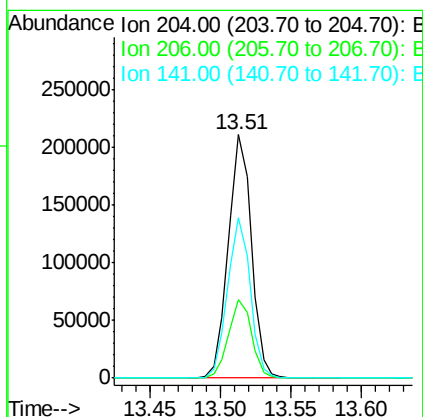
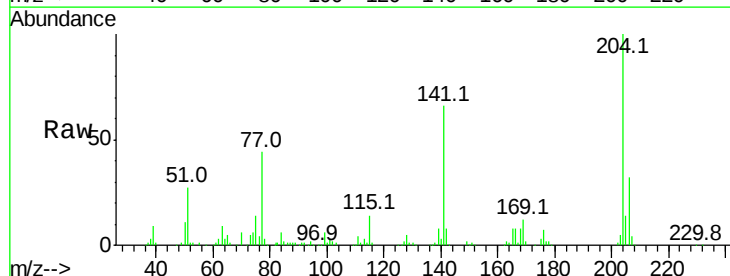
Instrument :
BNA_F
ClientSampleId :

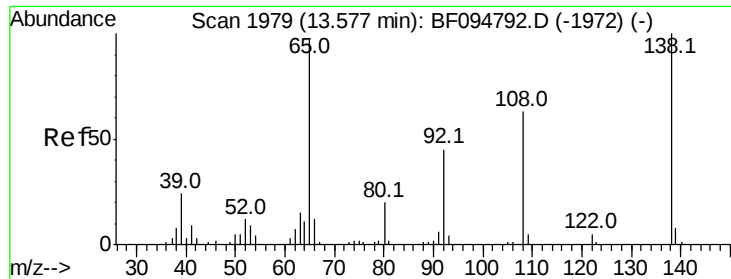
Tot Ion:149 Resp: 570412
Ion Ratio Lower Upper
149 100
177 21.1 16.7 25.1
150 12.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.18 ng
RT: 13.51 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BF095424.D
Acq: 25 May 2017 15:30

Tgt Ion:204 Resp: 241331
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 65.7 60.8 91.2

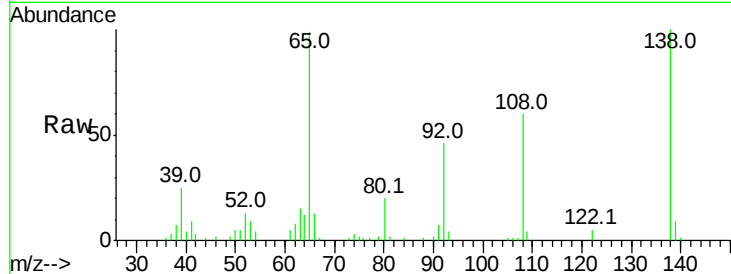




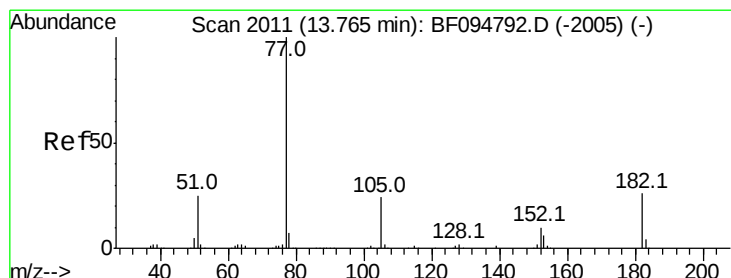
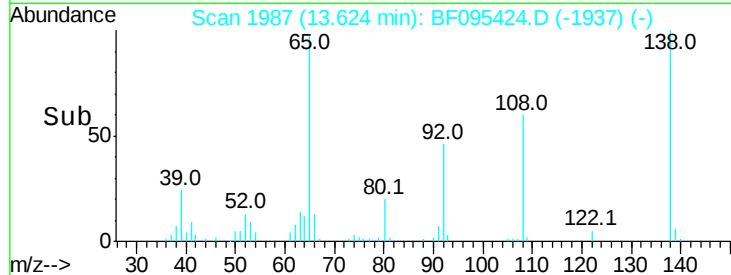
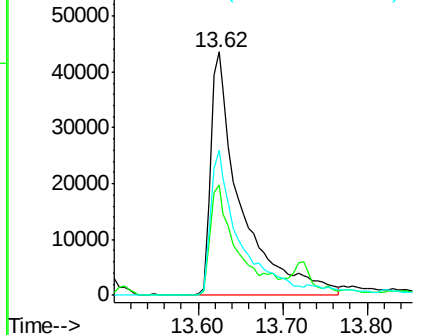
#61
4-Nitroaniline
Concen: 36.94 ng
RT: 13.62 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF095424.D
Acq: 25 May 2017 15:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 108874
Ion Ratio Lower Upper
138 100
92 45.6 21.8 61.8
108 59.7 42.3 82.3

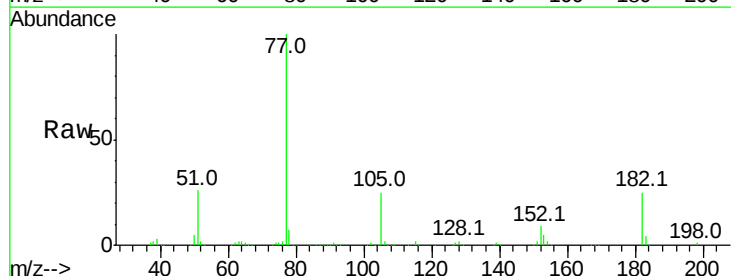


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

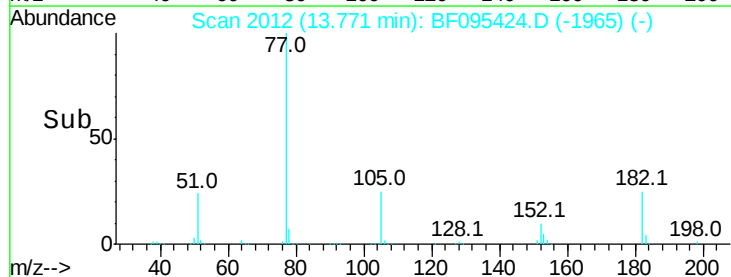
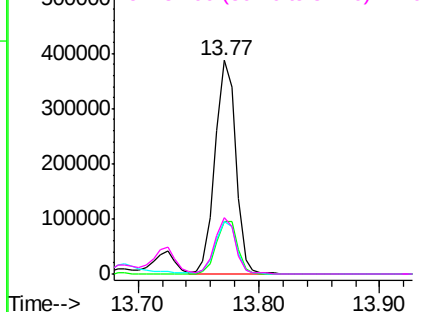


#62
Azobenzene
Concen: 40.44 ng
RT: 13.77 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF095424.D
Acq: 25 May 2017 15:30

Tgt Ion: 77 Resp: 456656
Ion Ratio Lower Upper
77 100
182 24.9 0.1 40.1
105 24.7 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): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.00 min Scan# 2221

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

Instrument :

BNA_F

ClientSampleId :

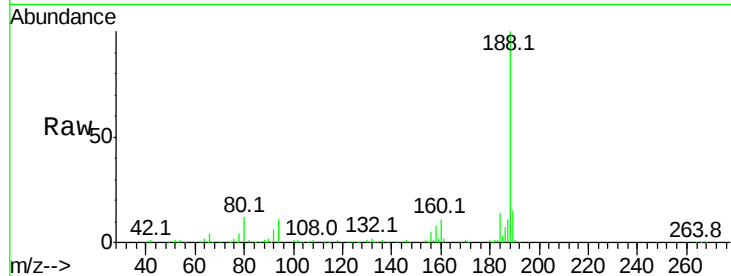
Tot Ion:188 Resp: 322910

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

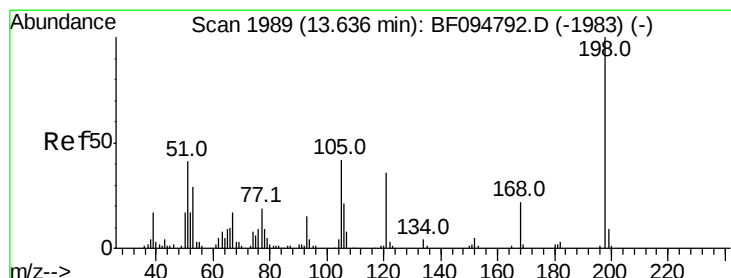
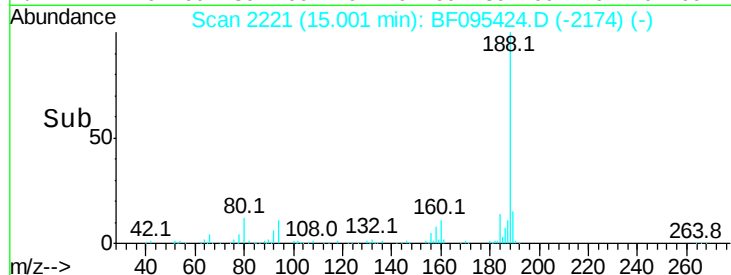
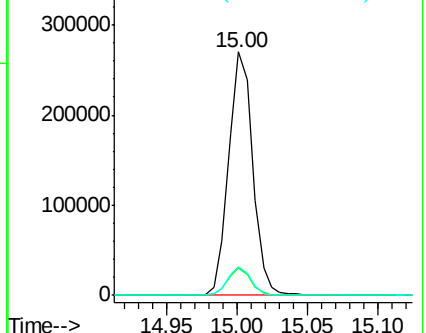
80 11.5 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 38.38 ng

RT: 13.69 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

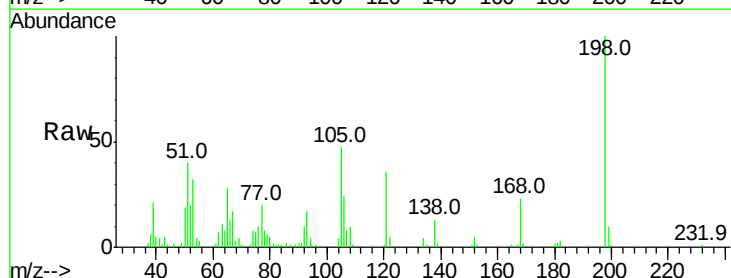
Tgt Ion:198 Resp: 83086

Ion Ratio Lower Upper

198 100

51 40.3 53.2 93.2#

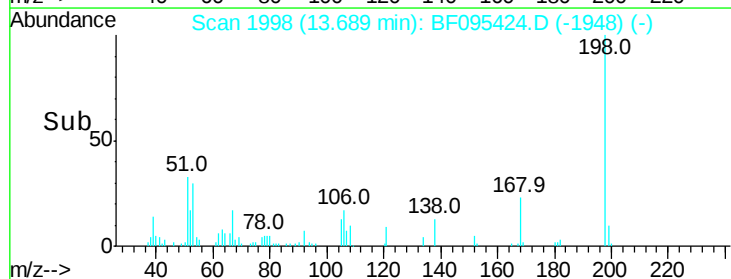
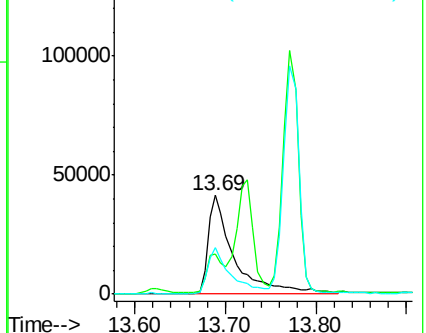
105 46.6 45.8 85.8

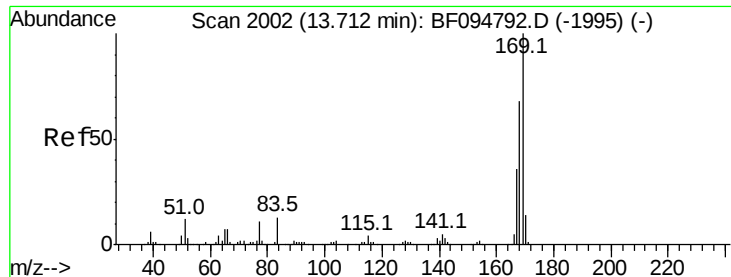


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.99 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

Instrument :

BNA_F

ClientSampleId :

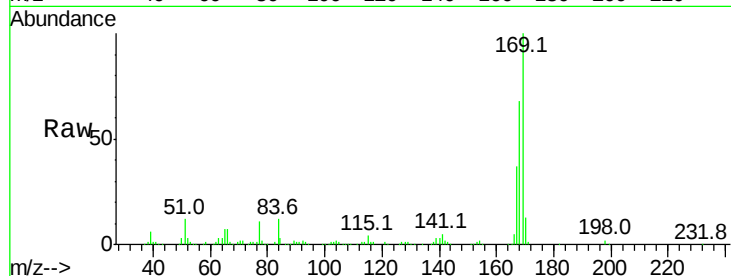
Tot Ion:169 Resp: 468616

Ion Ratio Lower Upper

169 100

168 68.2 53.2 79.8

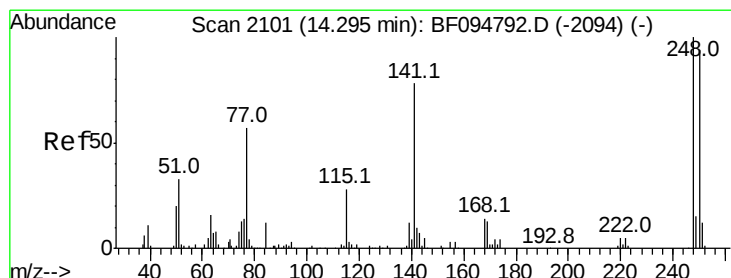
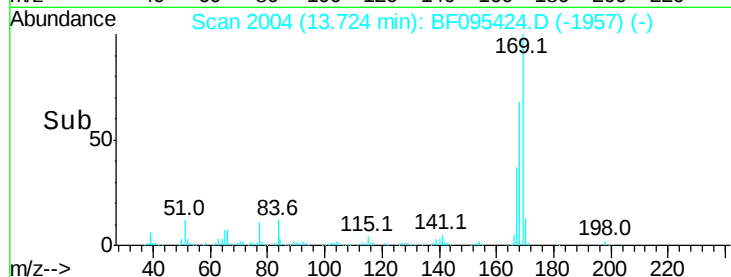
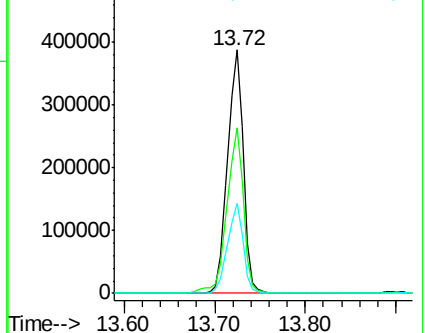
167 36.9 29.5 44.3



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: 39.91 ng

RT: 14.30 min Scan# 2102

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

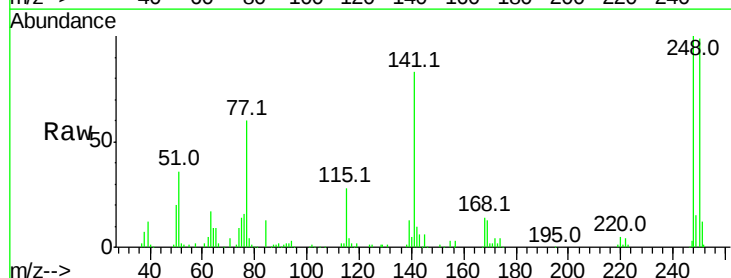
Tgt Ion:248 Resp: 136164

Ion Ratio Lower Upper

248 100

250 98.8 76.8 115.2

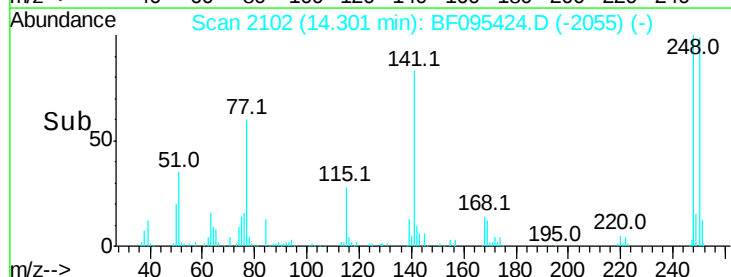
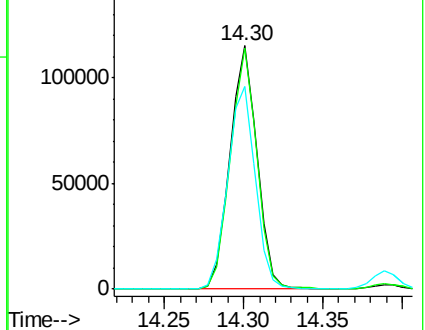
141 83.5 68.6 103.0



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: 39.03 ng

RT: 14.39 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

Instrument :

BNA_F

ClientSampleId :

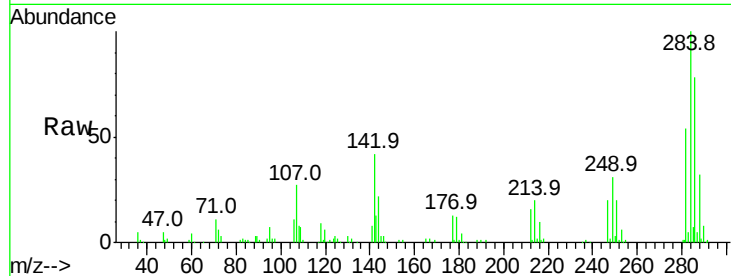
Tot Ion:284 Resp: 136456

Ion Ratio Lower Upper

284 100

142 42.0 22.8 34.2#

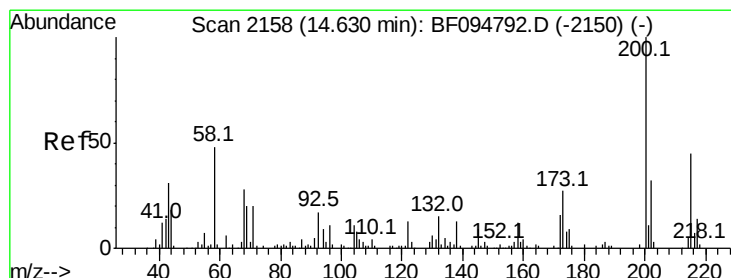
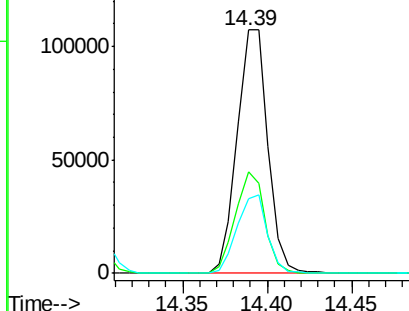
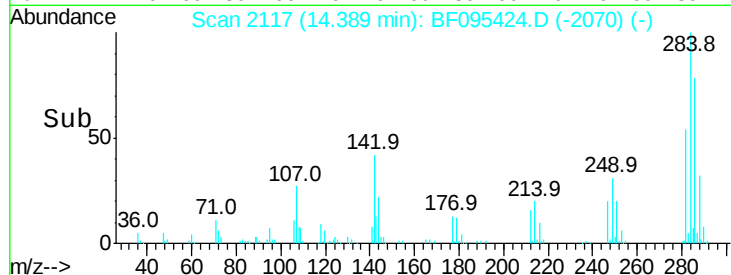
249 30.6 24.0 36.0



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: 40.46 ng

RT: 14.65 min Scan# 2161

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

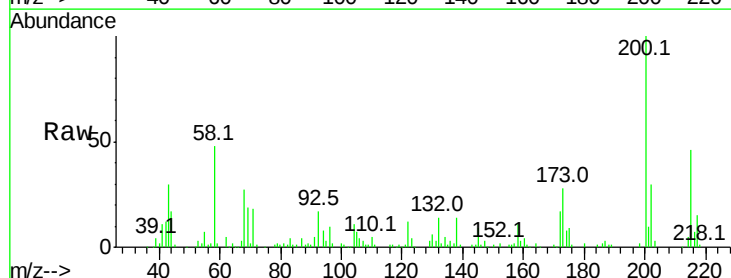
Tgt Ion:200 Resp: 133872

Ion Ratio Lower Upper

200 100

173 27.8 6.3 46.3

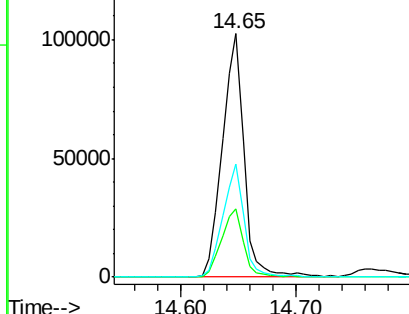
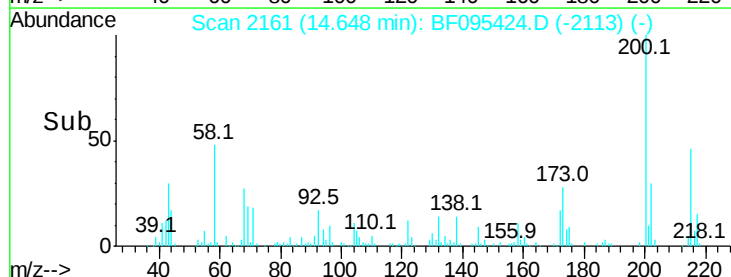
215 46.4 27.2 67.2

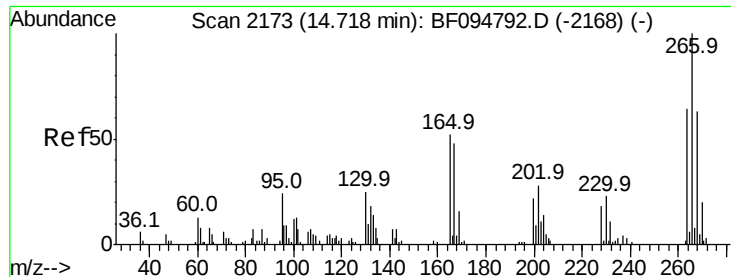


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

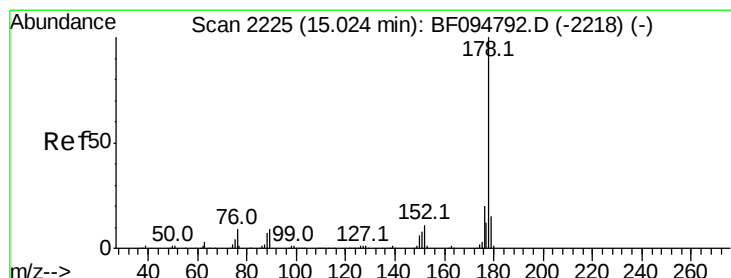
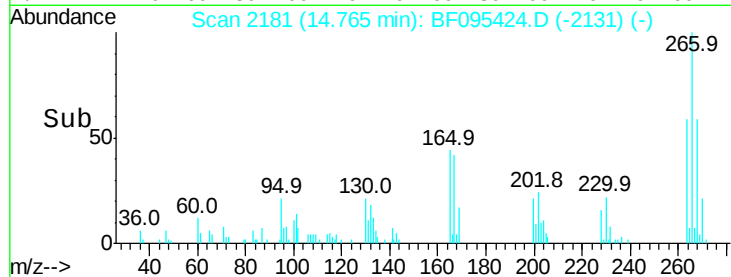
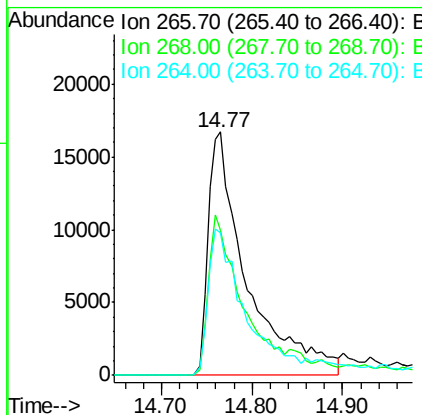
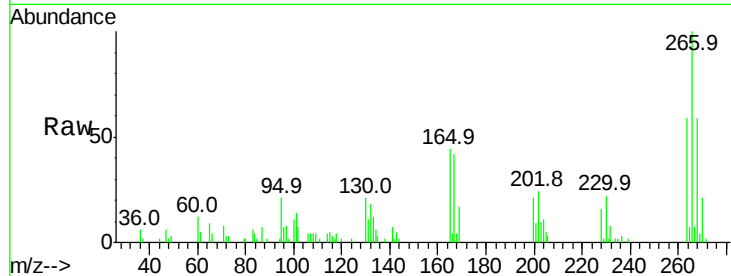




#69
 Pentachlorophenol
 Concen: 35.11 ng
 RT: 14.77 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BF095424.D
 Acq: 25 May 2017 15:30

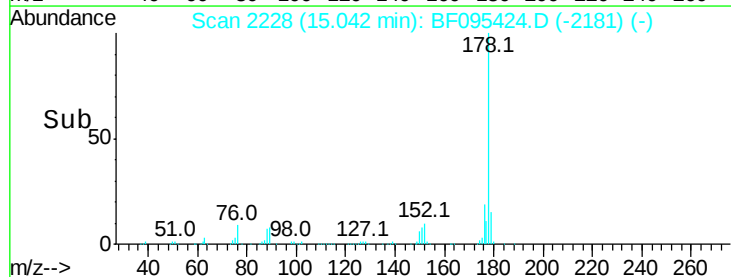
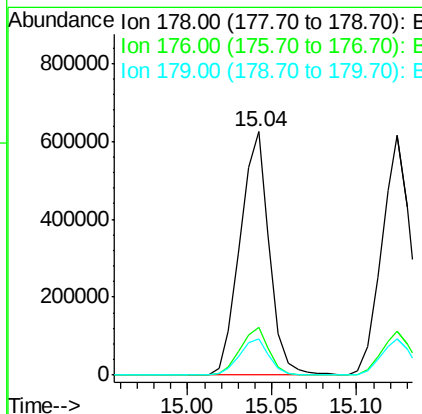
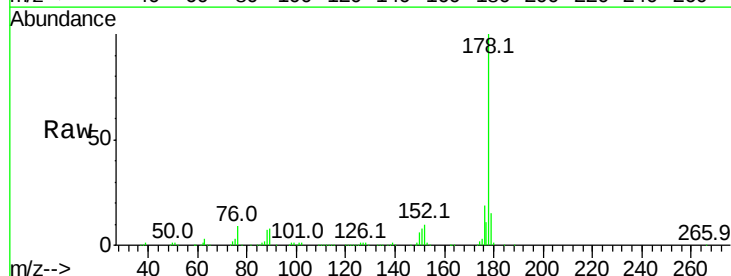
Instrument :
 BNA_F
 ClientSampleId :

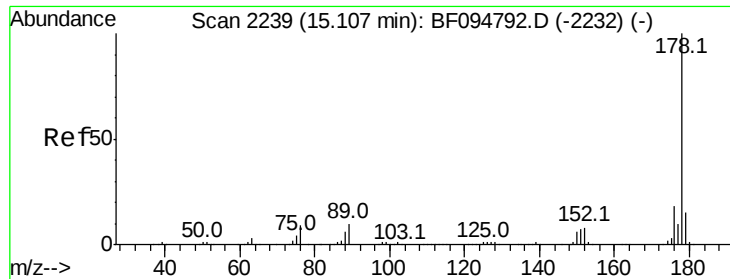
Tot Ion:266 Resp: 49895
 Ion Ratio Lower Upper
 266 100
 268 59.4 51.1 76.7
 264 58.7 51.7 77.5



#70
 Phenanthrene
 Concen: 40.54 ng
 RT: 15.04 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BF095424.D
 Acq: 25 May 2017 15:30

Tgt Ion:178 Resp: 752200
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.2 24.4
 179 15.1 12.6 19.0

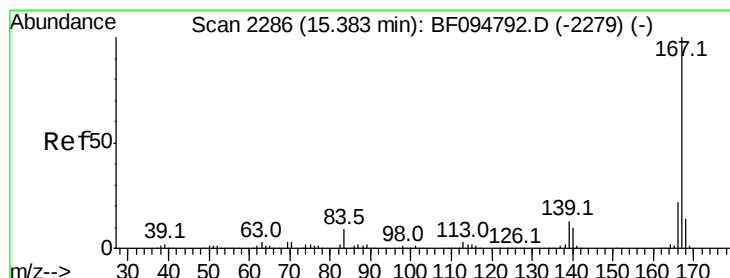
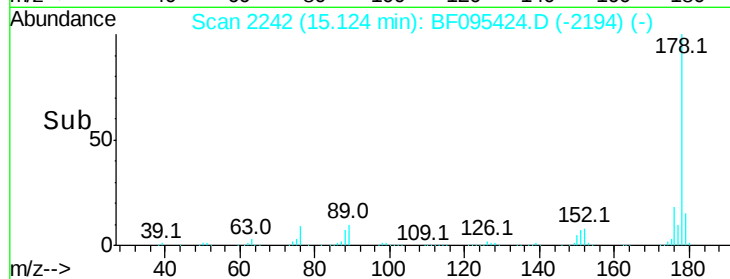
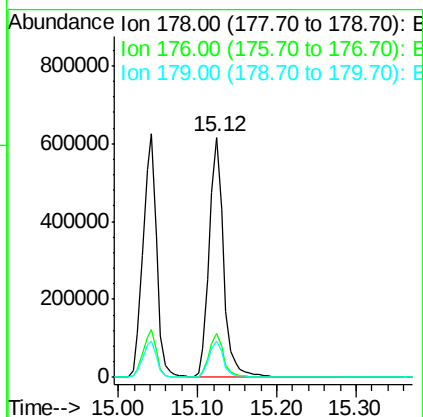
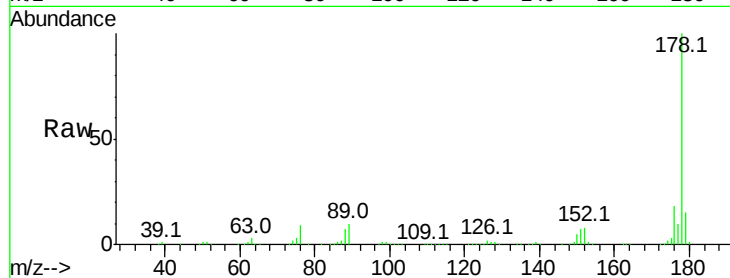




#71
 Anthracene
 Concen: 41.09 ng
 RT: 15.12 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BF095424.D
 Acq: 25 May 2017 15:30

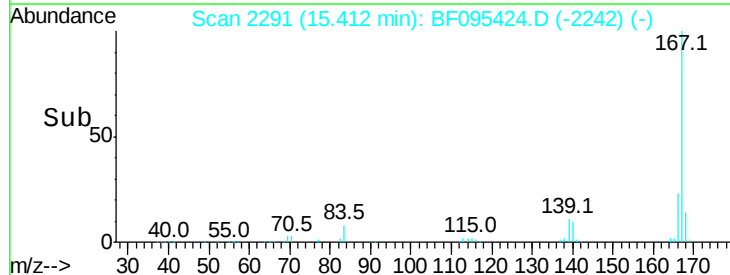
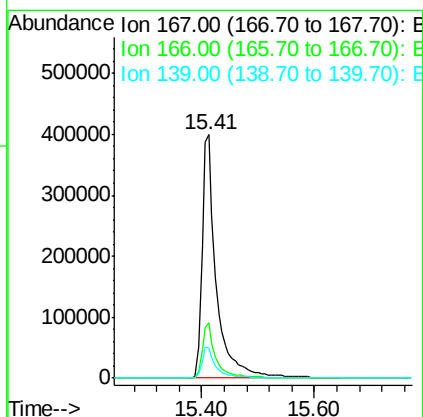
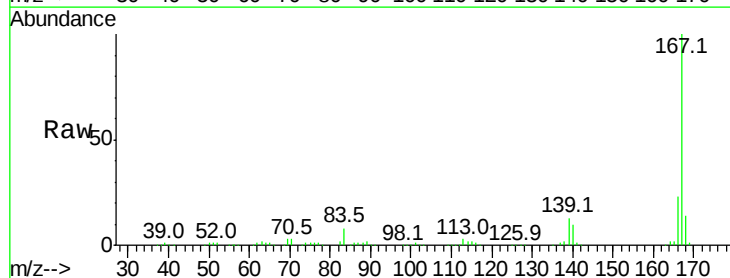
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 778660
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.8 23.8
 179 15.0 12.7 19.1



#72
 Carbazole
 Concen: 40.96 ng
 RT: 15.41 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF095424.D
 Acq: 25 May 2017 15:30

Tgt Ion:167 Resp: 706265
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 12.5 11.7 17.5

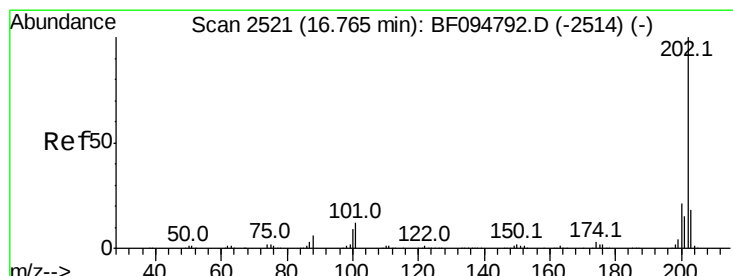
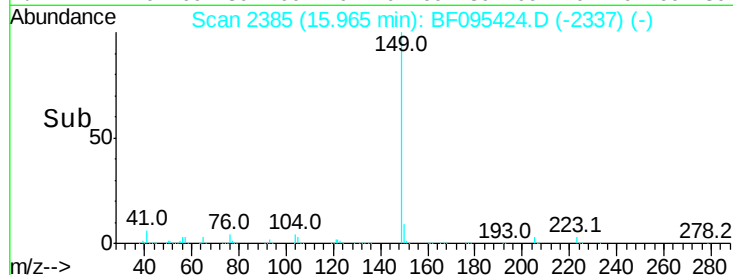
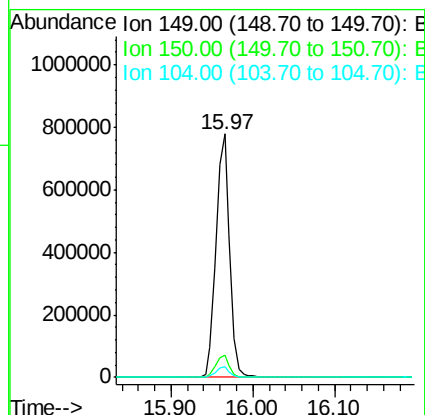
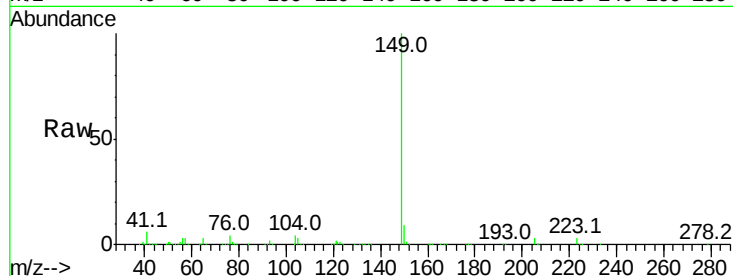




#73
Di-n-butylphthalate
Concen: 42.03 ng
RT: 15.97 min Scan# 2385
Delta R.T. -0.02 min
Lab File: BF095424.D
Acq: 25 May 2017 15:30

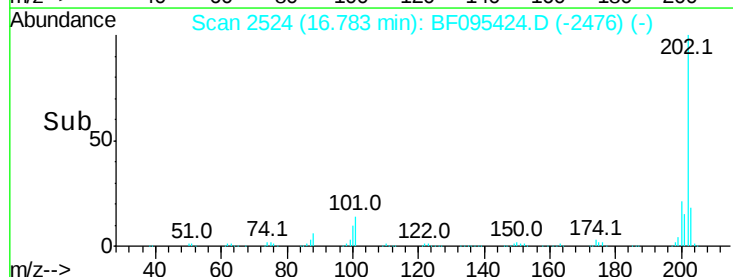
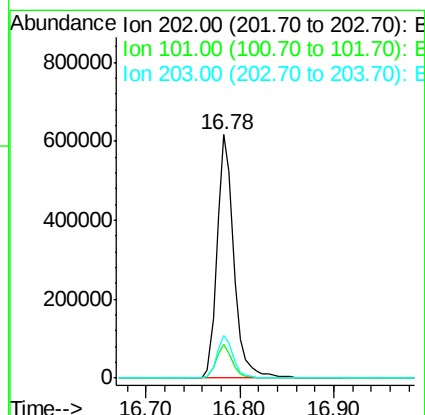
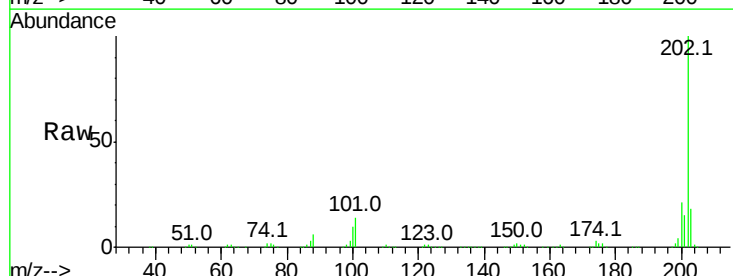
Instrument :
BNA_F
ClientSampleId :

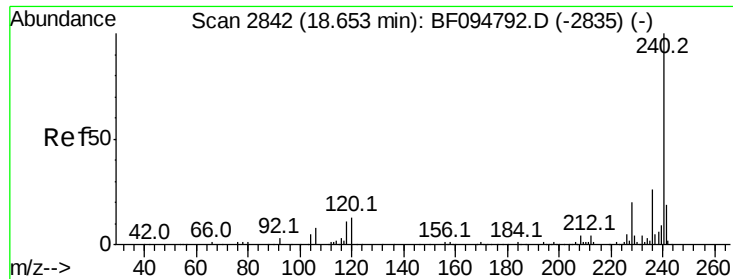
Tot Ion:149 Resp: 903770
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.2 4.0 6.0



#74
Fluoranthene
Concen: 40.95 ng
RT: 16.78 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF095424.D
Acq: 25 May 2017 15:30

Tgt Ion:202 Resp: 779422
Ion Ratio Lower Upper
202 100
101 13.6 0.0 33.2
203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

Instrument :

BNA_F

ClientSampleId :

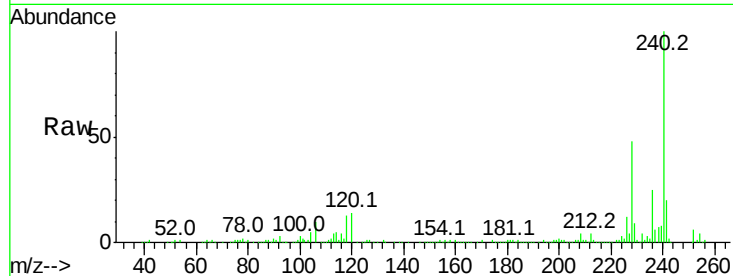
Tot Ion:240 Resp: 257635

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

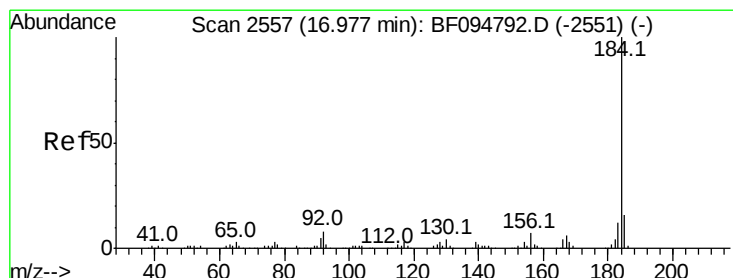
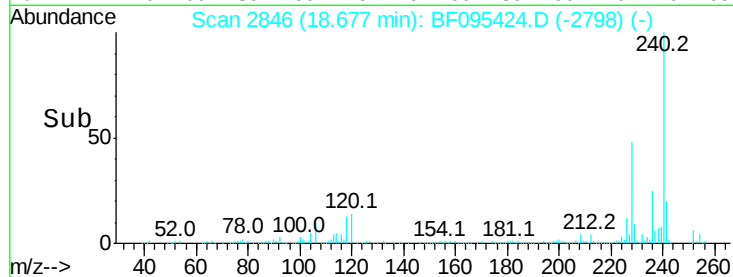
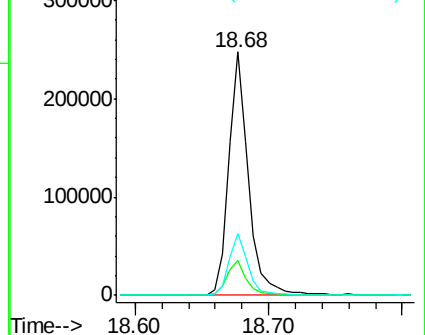
236 25.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.89 ng

RT: 17.01 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

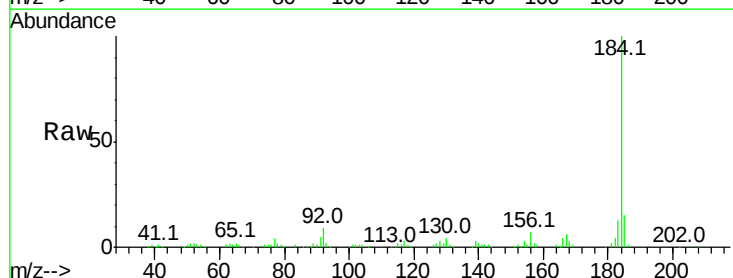
Tgt Ion:184 Resp: 301237

Ion Ratio Lower Upper

184 100

185 14.6 15.5 23.3#

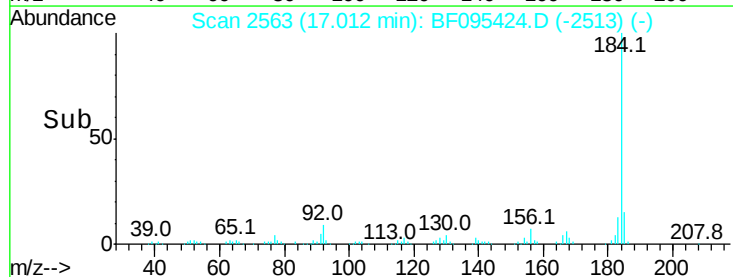
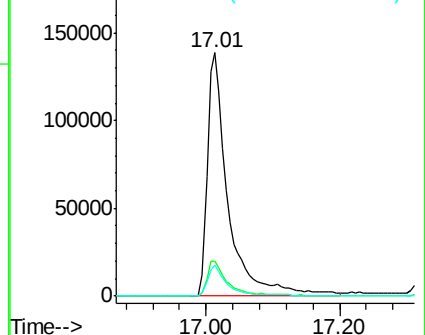
183 12.8 9.8 14.6

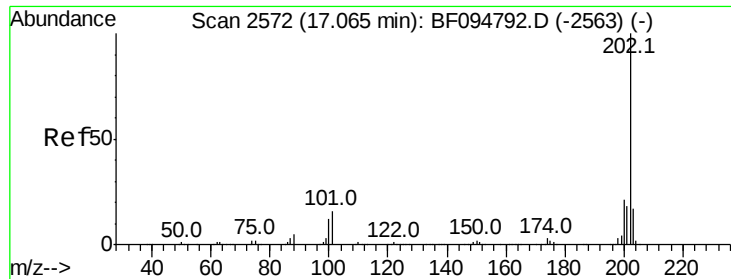


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.39 ng

RT: 17.09 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

Instrument :

BNA_F

ClientSampleId :

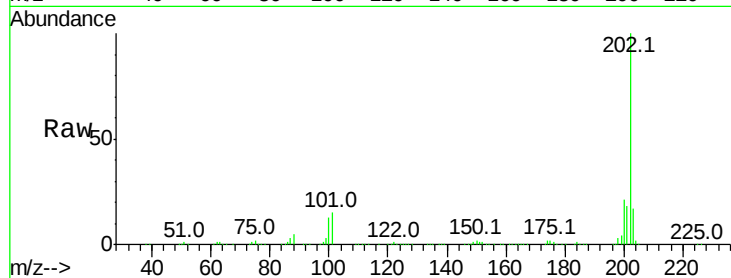
Tot Ion:202 Resp: 797534

Ion Ratio Lower Upper

202 100

200 21.1 17.6 26.4

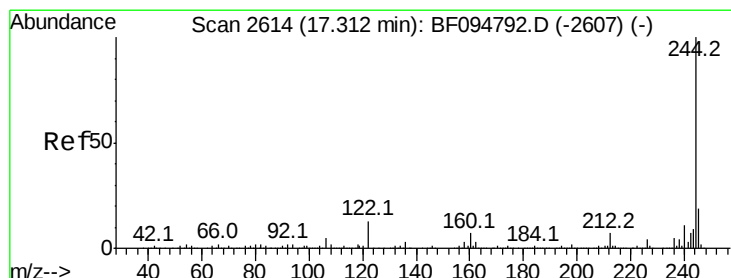
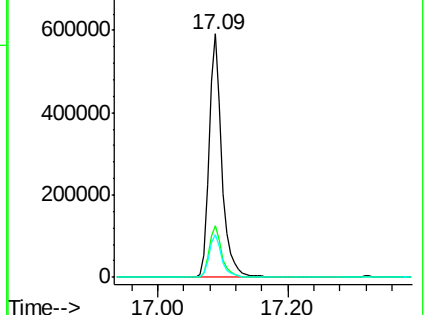
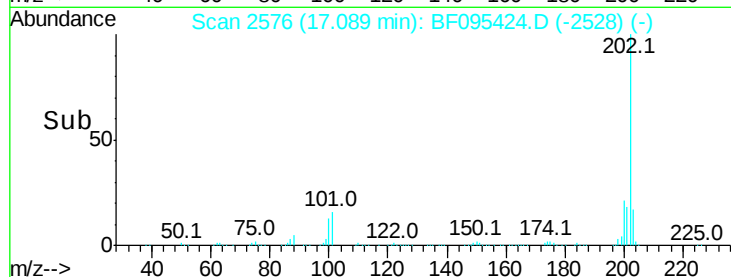
203 17.5 14.4 21.6



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: 81.54 ng

RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

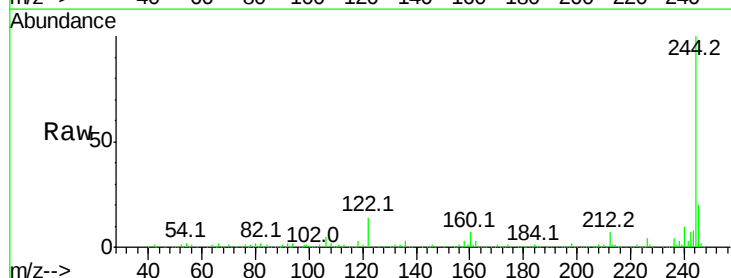
Tgt Ion:244 Resp: 953830

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

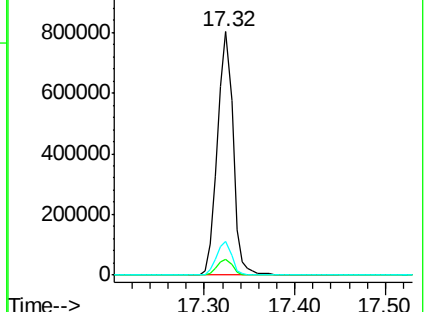
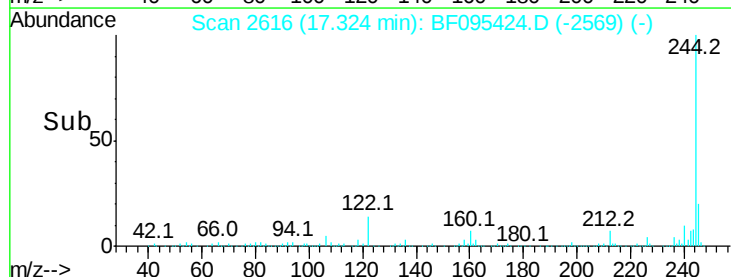
122 14.1 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

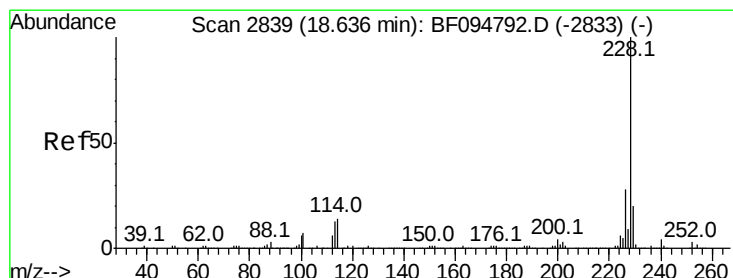
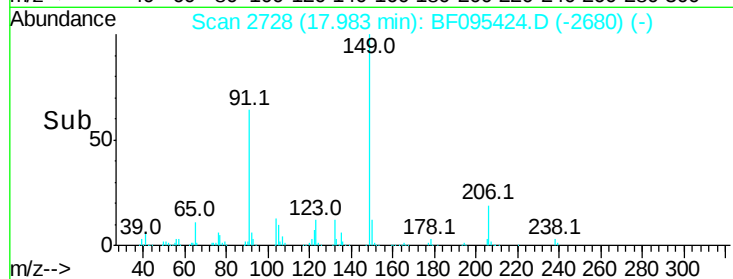
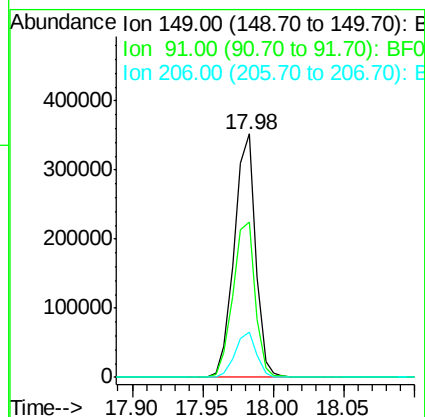
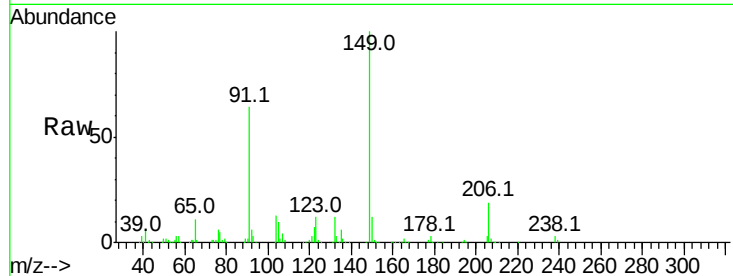




#79
Butylbenzylphthalate
Concen: 41.65 ng
RT: 17.98 min Scan# 2728
Delta R.T. -0.02 min
Lab File: BF095424.D
Acq: 25 May 2017 15:30

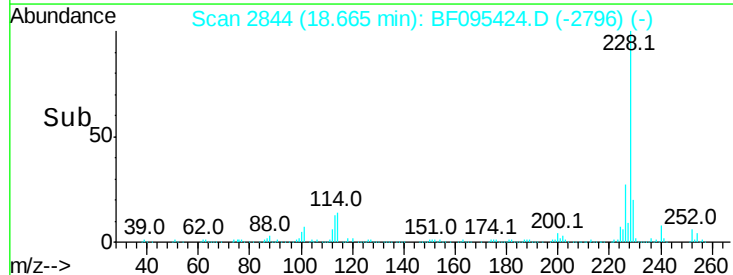
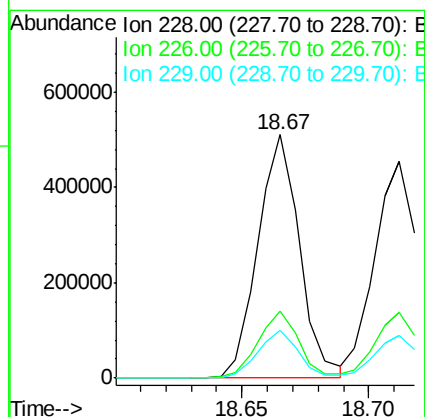
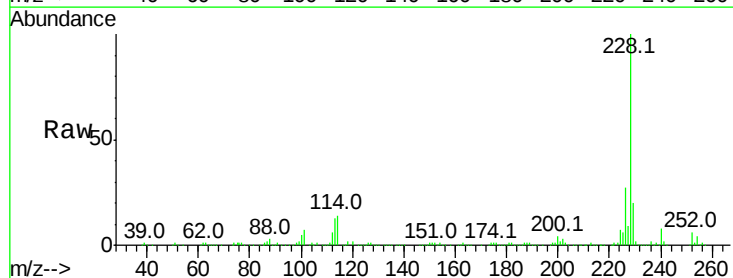
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	63.8	45.0	67.4
206	18.8	17.0	25.6



#80
Benzo(a)anthracene
Concen: 39.17 ng
RT: 18.67 min Scan# 2844
Delta R.T. -0.02 min
Lab File: BF095424.D
Acq: 25 May 2017 15:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.8	16.3	24.5

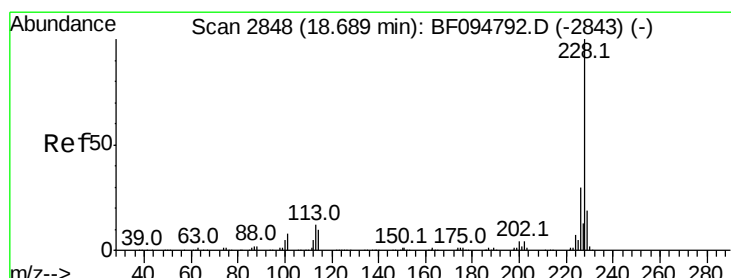
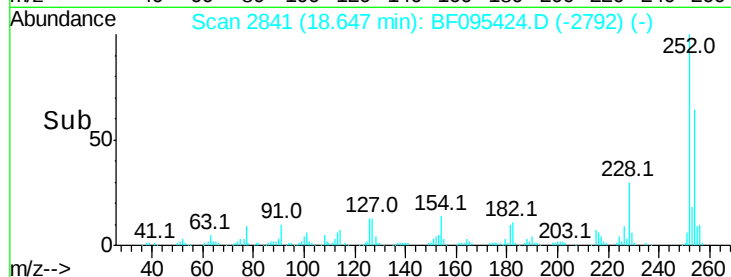
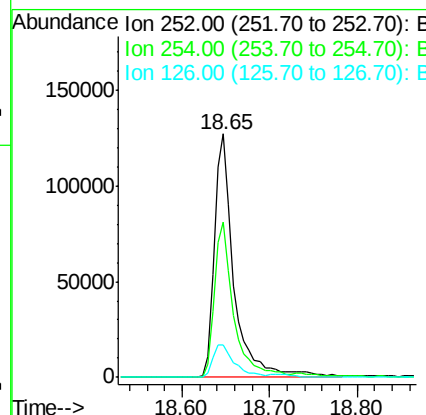
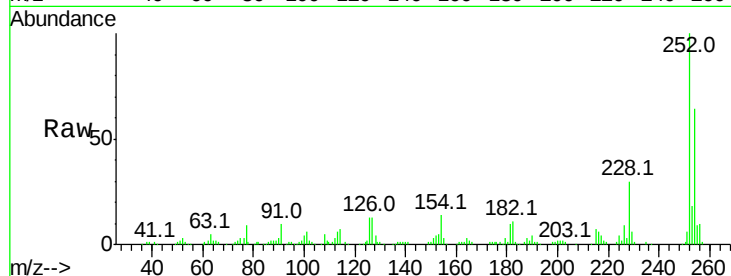




#81
 3,3'-Dichlorobenzidine
 Concen: 38.26 ng
 RT: 18.65 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BF095424.D
 Acq: 25 May 2017 15:30

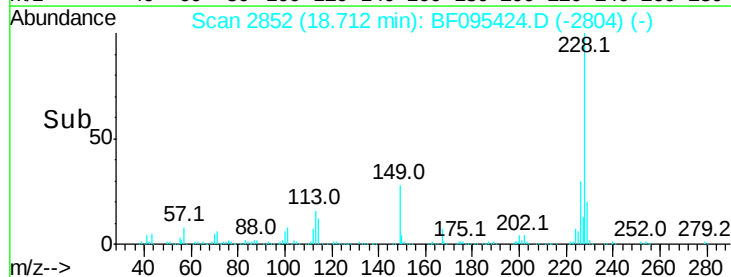
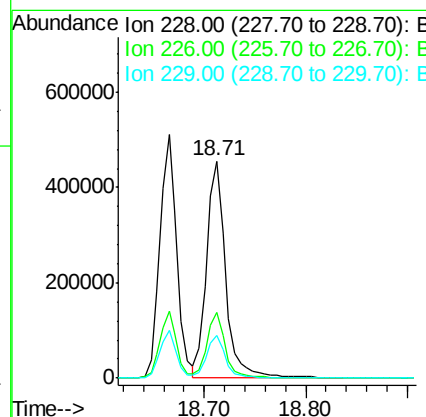
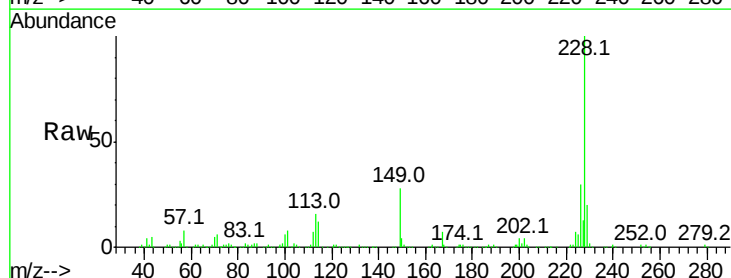
Instrument :
 BNA_F
 ClientSampleId :

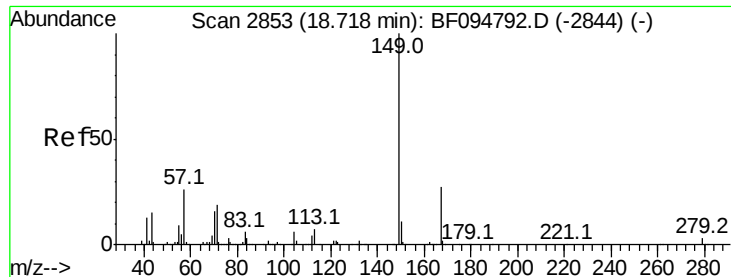
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.5	77.3
126	13.2	15.8	23.8#



#82
 Chrysene
 Concen: 40.87 ng
 RT: 18.71 min Scan# 2852
 Delta R.T. -0.02 min
 Lab File: BF095424.D
 Acq: 25 May 2017 15:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	19.5	15.8	23.6

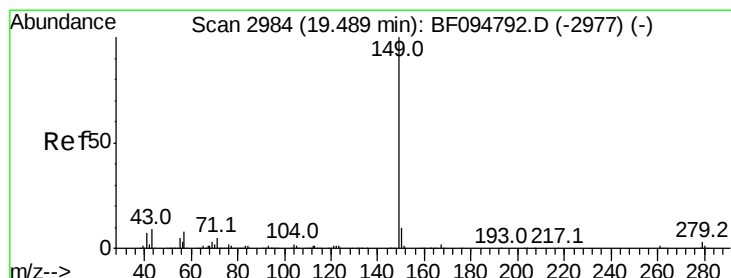
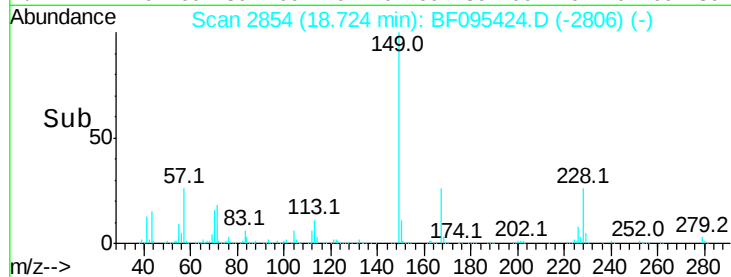
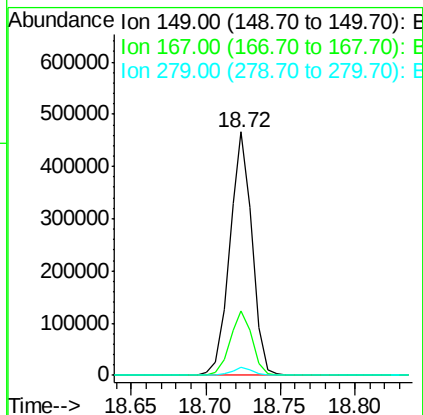
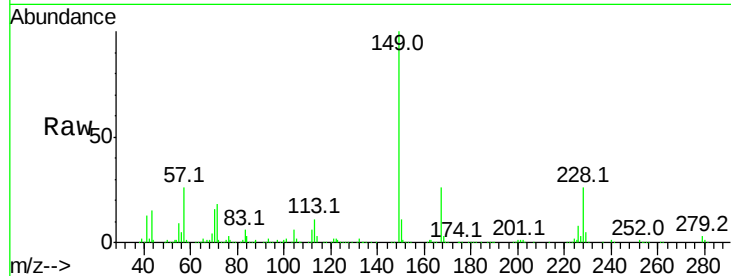




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.26 ng
 RT: 18.72 min Scan# 2854
 Delta R.T. -0.02 min
 Lab File: BF095424.D
 Acq: 25 May 2017 15:30

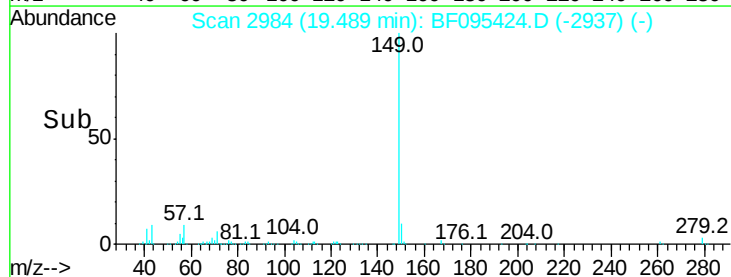
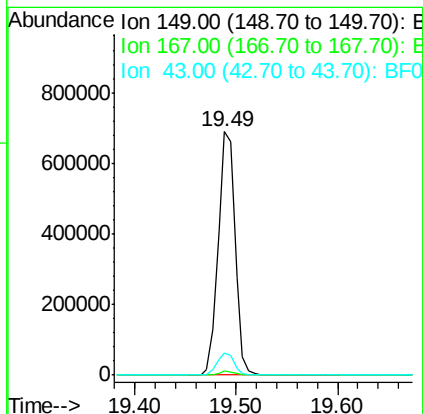
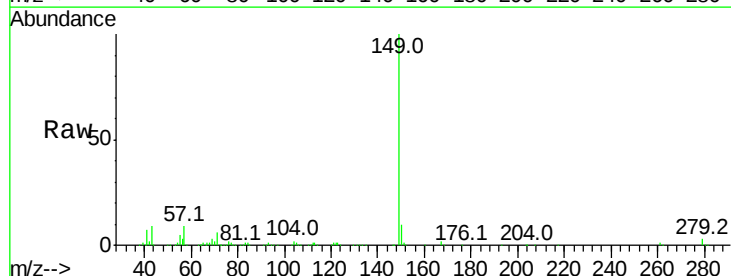
Instrument :
 BNA_F
 ClientSampleId :

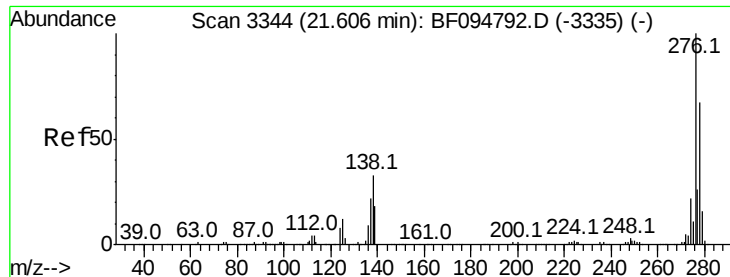
Tot Ion:149 Resp: 488551
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.0 31.4
 279 3.2 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 38.14 ng
 RT: 19.49 min Scan# 2984
 Delta R.T. -0.02 min
 Lab File: BF095424.D
 Acq: 25 May 2017 15:30

Tgt Ion:149 Resp: 798540
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.0 8.5 12.7

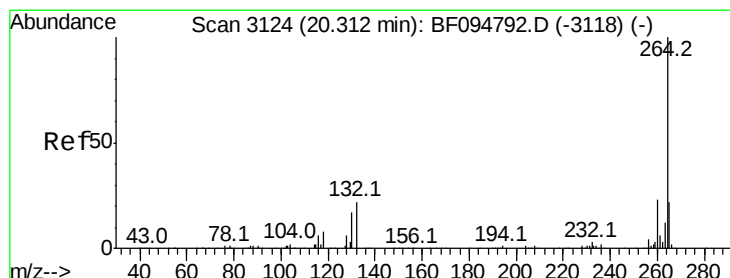
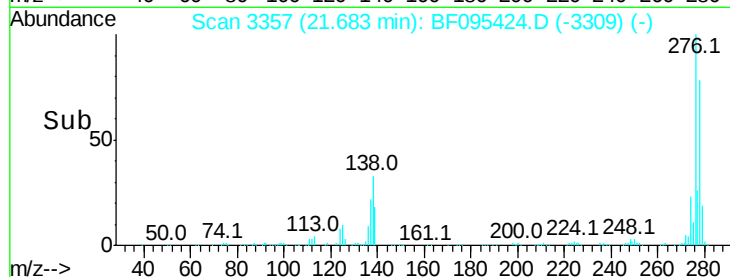
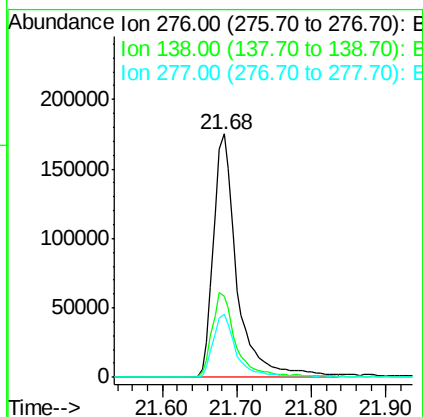
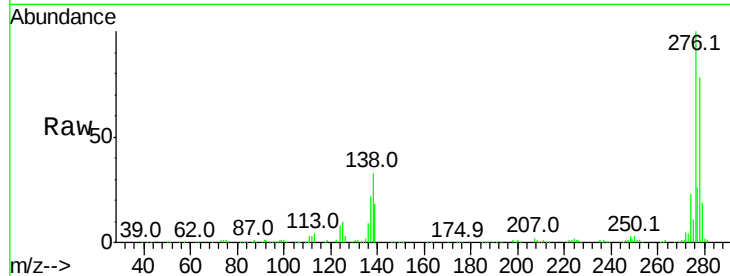




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.75 ng
 RT: 21.68 min Scan# 3357
 Delta R.T. -0.02 min
 Lab File: BF095424.D
 Acq: 25 May 2017 15:30

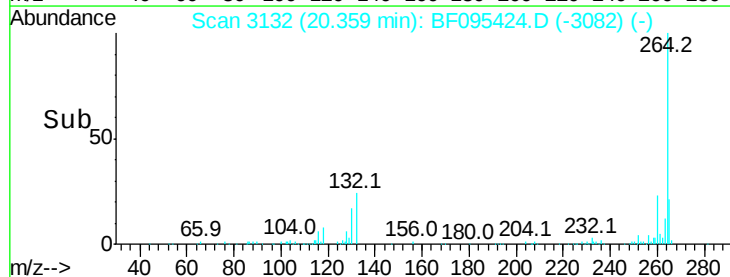
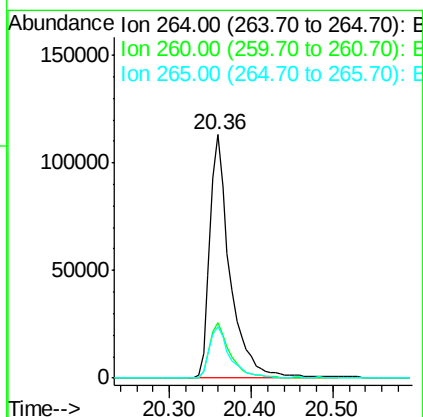
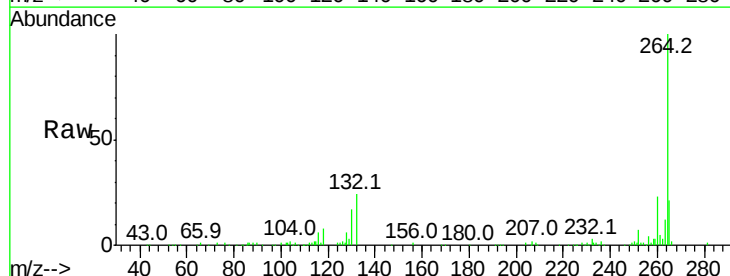
Instrument :
 BNA_F
 ClientSampleId :

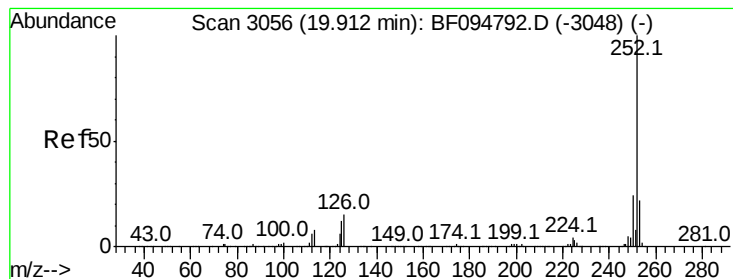
Tot Ion	Ratio	Lower	Upper
276	100		
138	36.1	27.8	41.6
277	25.2	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095424.D
 Acq: 25 May 2017 15:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.80 ng

RT: 19.94 min Scan# 3061

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

Instrument :

BNA_F

ClientSampled :

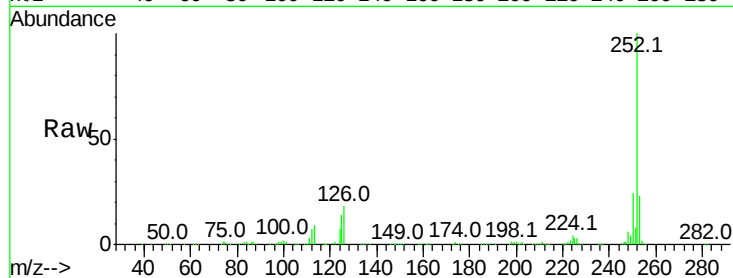
Tot Ion:252 Resp: 493649

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

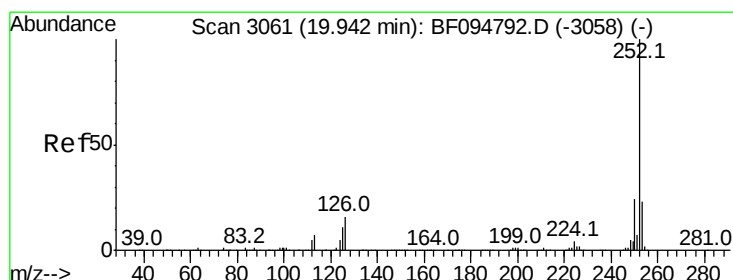
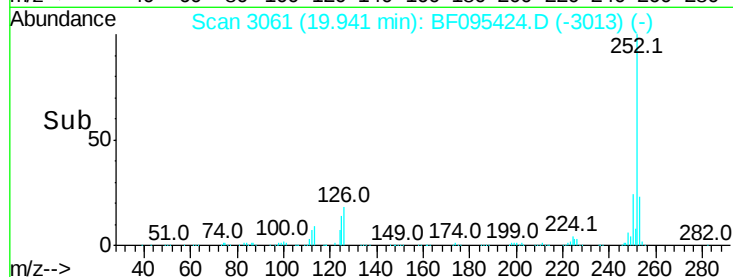
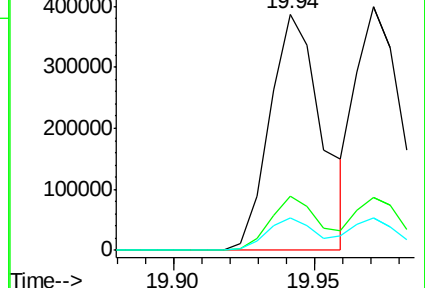
125 13.7 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.72 ng

RT: 19.97 min Scan# 3066

Delta R.T. -0.02 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

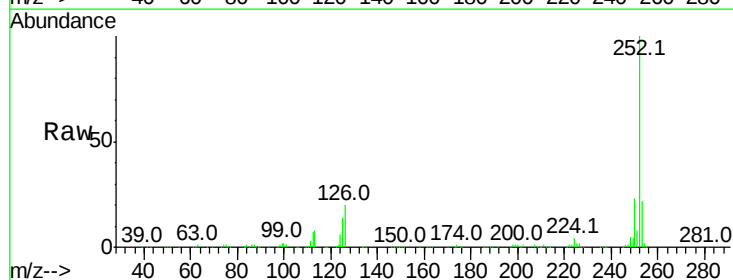
Tgt Ion:252 Resp: 510240

Ion Ratio Lower Upper

252 100

253 21.6 18.4 27.6

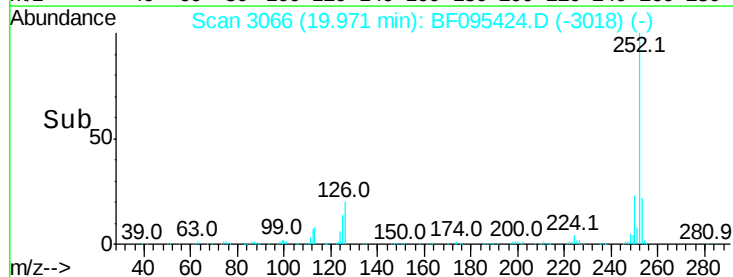
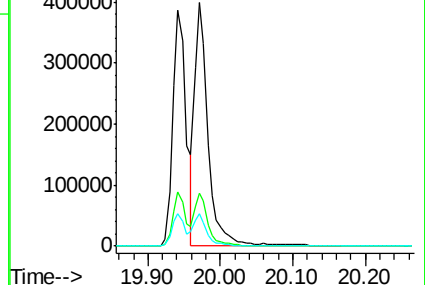
125 13.6 13.1 19.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

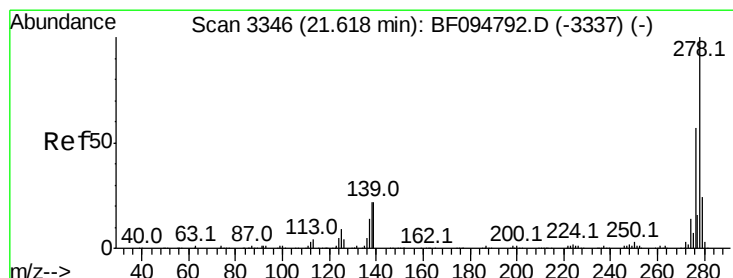
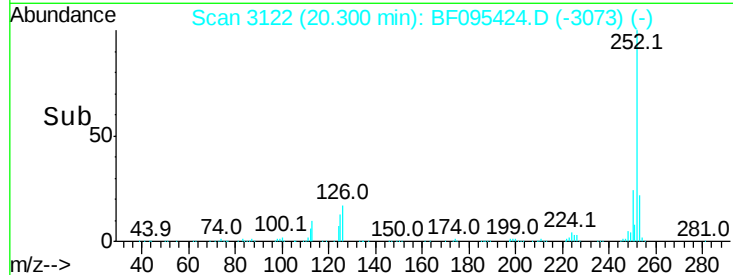
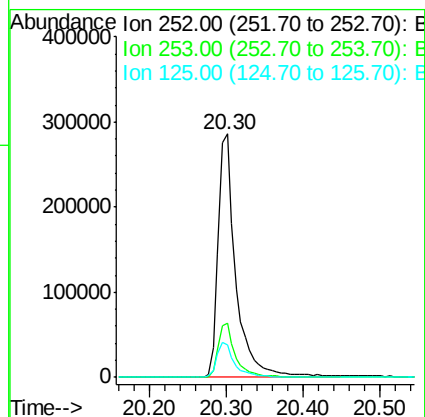
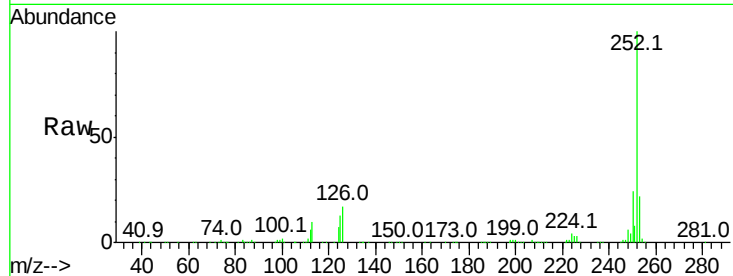




#89
Benzo(a)pyrene
Concen: 40.13 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095424.D
Acq: 25 May 2017 15:30

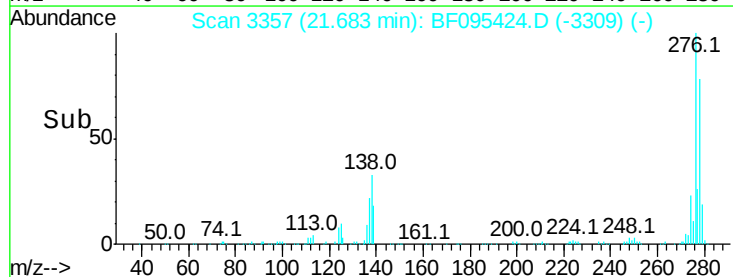
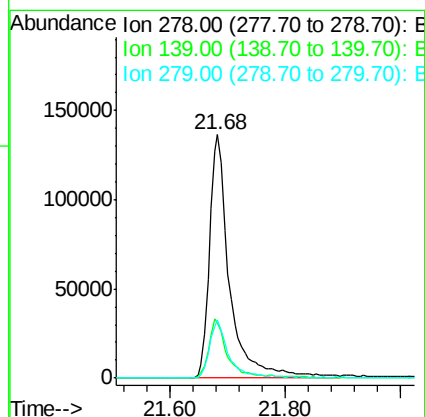
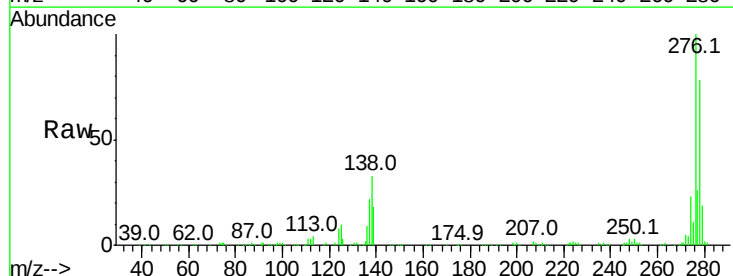
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 448062
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 13.1 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 36.27 ng
RT: 21.68 min Scan# 3357
Delta R.T. -0.02 min
Lab File: BF095424.D
Acq: 25 May 2017 15:30

Tgt Ion:278 Resp: 334403
Ion Ratio Lower Upper
278 100
139 22.8 16.6 24.8
279 24.0 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 36.89 ng

RT: 22.07 min Scan# 3423

Delta R.T. -0.01 min

Lab File: BF095424.D

Acq: 25 May 2017 15:30

Instrument :

BNA_F

ClientSampleId :

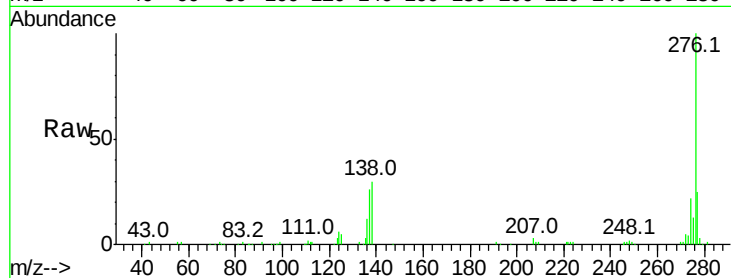
Tot Ion:276 Resp: 333810

Ion Ratio Lower Upper

276 100

277 24.6 18.6 28.0

138 30.3 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

