

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095526.D
 Acq On : 28 May 2017 8:15
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 29 01:21:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	110038	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	437223	20.00	ng	0.00
38) Acenaphthene-d10	12.59	164	171208	20.00	ng	0.00
63) Phenanthrene-d10	14.99	188	242713	20.00	ng	0.00
75) Chrysene-d12	18.67	240	255269	20.00	ng	0.00
86) Perylene-d12	20.35	264	180309	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	588977	89.24	ng	-0.01
7) Phenol-d6	7.28	99	700276	88.43	ng	-0.01
23) Nitrobenzene-d5	8.65	82	582769	84.05	ng	0.00
41) 2,4,6-Tribromophenol	13.89	330	100857	71.93	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	1067072	89.71	ng	0.00
78) Terphenyl-d14	17.32	244	855070	73.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.14	88	129948	40.15	ng	95
3) Pyridine	2.84	79	316478	42.19	ng	99
4) n-Nitrosodimethylamine	2.77	42	101811	32.56	ng	# 78
6) Aniline	7.24	93	463124	46.32	ng	97
8) 2-Chlorophenol	7.43	128	334185	44.49	ng	95
9) Benzaldehyde	7.06	77	189159	39.12	ng	99
10) Phenol	7.30	94	396300	47.49	ng	90
11) bis(2-Chloroethyl)ether	7.37	93	304714	44.23	ng	97
12) 1,3-Dichlorobenzene	7.64	146	370033	43.42	ng	99
13) 1,4-Dichlorobenzene	7.76	146	379698	43.94	ng	97
14) 1,2-Dichlorobenzene	8.00	146	357981	44.38	ng	95
15) Benzyl Alcohol	8.03	79	241808	47.47	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.22	45	420357	43.11	ng	97
17) 2-Methylphenol	8.24	107	281411	45.77	ng	97
18) Hexachloroethane	8.51	117	113824	38.88	ng	# 85
19) n-Nitroso-di-n-propylamine	8.45	70	236439	44.15	ng	95
20) 3+4-Methylphenols	8.50	107	356204	42.64	ng	# 58
22) Acetophenone	8.42	105	463539	44.19	ng	# 84
24) Nitrobenzene	8.67	77	320832	44.15	ng	95
25) Isophorone	9.08	82	556889	44.98	ng	95
26) 2-Nitrophenol	9.18	139	164878	42.04	ng	97
27) 2,4-Dimethylphenol	9.32	122	277334	43.74	ng	99
28) bis(2-Chloroethoxy)methane	9.44	93	378276	44.17	ng	99
29) 2,4-Dichlorophenol	9.61	162	239521	40.01	ng	96
30) 1,2,4-Trichlorobenzene	9.68	180	268987	41.94	ng	99
31) Naphthalene	9.79	128	924086	42.05	ng	99
32) Benzoic acid	9.66	122	121763	31.23	ng	87
33) 4-Chloroaniline	9.94	127	350057	42.75	ng	# 93
34) Hexachlorobutadiene	10.00	225	137818	40.72	ng	98
35) Caprolactam	10.57	113	75871	42.20	ng	# 86
36) 4-Chloro-3-methylphenol	10.81	107	267276	41.76	ng	91
37) 2-Methylnaphthalene	10.91	142	589822	40.90	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.20	216	240908	45.76	ng	98
40) Hexachlorocyclopentadiene	11.16	237	7404	9.15	ng	99

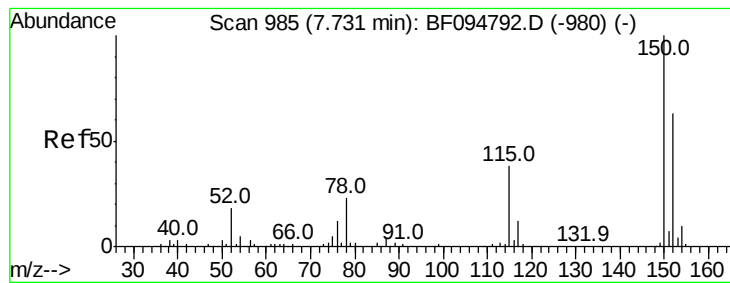
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095526.D
 Acq On : 28 May 2017 8:15
 Operator : SJ/MA
 Sample : SSTDC0040
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Quant Time: May 29 01:21:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.42	196	159978	45.51	nq	99
43) 2,4,5-Trichlorophenol	11.54	196	155152	41.06	nq	94
45) 1,1'-Biphenyl	11.68	154	633763	43.97	nq	96
46) 2-Chloronaphthalene	11.70	162	488326	41.96	nq	96
47) 2-Nitroaniline	11.93	65	144295	45.29	nq	# 79
48) Acenaphthylene	12.36	152	778242	42.69	nq	98
49) Dimethylphthalate	12.23	163	621161	44.19	nq	100
50) 2,6-Dinitrotoluene	12.33	165	122166	42.60	nq	# 90
51) Acenaphthene	12.64	154	445712	40.93	nq	99
52) 3-Nitroaniline	12.61	138	134118	43.58	nq	93
53) 2,4-Dinitrophenol	12.91	184	6364	9.96	nq	# 17
54) Dibenzofuran	12.93	168	628272	41.69	nq	98
55) 4-Nitrophenol	13.09	139	55150	29.84	nq	# 73
56) 2,4-Dinitrotoluene	13.01	165	152701	41.44	nq	# 93
57) Fluorene	13.48	166	506656	38.67	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.18	232	93921	39.50	nq	# 93
59) Diethylphthalate	13.38	149	572835	42.52	nq	99
60) 4-Chlorophenyl-phenylether	13.51	204	235374	40.87	nq	88
61) 4-Nitroaniline	13.62	138	102921	36.43	nq	93
62) Azobenzene	13.77	77	436003	40.28	nq	91
64) 4,6-Dinitro-2-methylphenol	13.70	198	23437	14.40	nq	# 1
65) n-Nitrosodiphenylamine	13.71	169	441570	50.13	nq	99
66) 4-Bromophenyl-phenylether	14.29	248	118974	46.40	nq	98
67) Hexachlorobenzene	14.38	284	119107	45.32	nq	# 87
68) Atrazine	14.64	200	97366	39.15	nq	95
69) Pentachlorophenol	14.75	266	48647	43.80	nq	97
70) Phenanthrene	15.03	178	616455	44.20	nq	97
71) Anthracene	15.12	178	643364	45.16	nq	99
72) Carbazole	15.41	167	591414	45.63	nq	96
73) Di-n-butylphthalate	15.95	149	792420	49.03	nq	99
74) Fluoranthene	16.78	202	692730	48.42	nq	98
76) Benzidine	17.01	184	321924	46.82	nq	# 93
77) Pyrene	17.08	202	707770	37.07	nq	99
79) Butylbenzylphthalate	17.97	149	346326	39.00	nq	89
80) Benzo(a)anthracene	18.66	228	619901	41.73	nq	99
81) 3,3'-Dichlorobenzidine	18.64	252	227515	44.34	nq	# 96
82) Chrysene	18.71	228	616504	42.92	nq	98
83) Bis(2-ethylhexyl)phthalate	18.72	149	481115	38.03	nq	# 97
84) Di-n-octyl phthalate	19.48	149	936516	45.15	nq	96
85) Indeno(1,2,3-cd)pyrene	21.68	276	405093	34.72	nq	100
87) Benzo(b)fluoranthene	19.94	252	512573	46.01	nq	98
88) Benzo(k)fluoranthene	19.97	252	540907	50.33	nq	96
89) Benzo(a)pyrene	20.29	252	429137	41.74	nq	99
90) Dibenzo(a,h)anthracene	21.68	278	346869	40.85	nq	97
91) Benzo(g,h,i)perylene	22.07	276	349466	41.94	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.74 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

Instrument :

BNA_F

ClientSampleId :

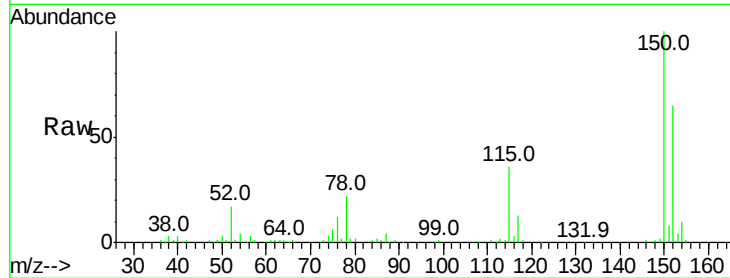
Tot Ion:152 Resp: 110038

Ion Ratio Lower Upper

152 100

150 153.4 126.2 189.2

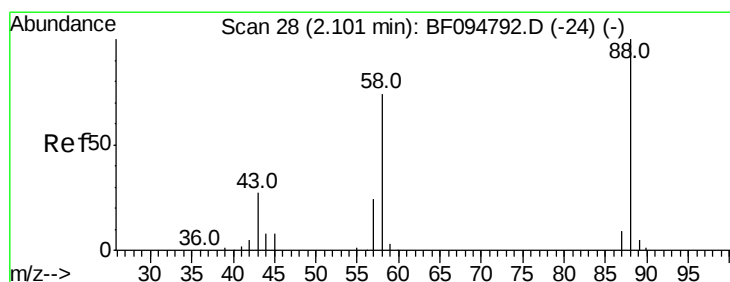
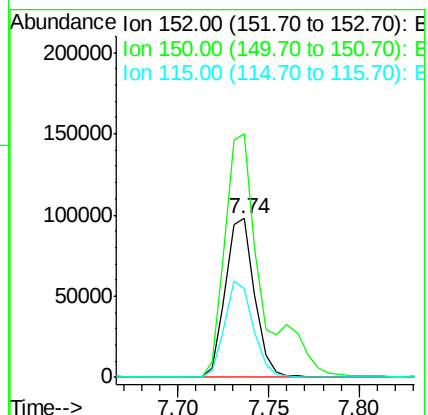
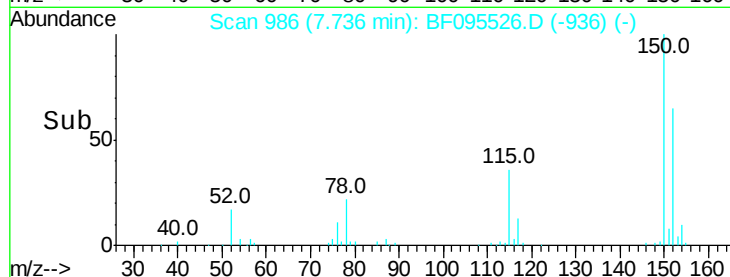
115 56.0 52.2 78.2



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: 40.15 ng

RT: 2.14 min Scan# 34

Delta R.T. -0.05 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

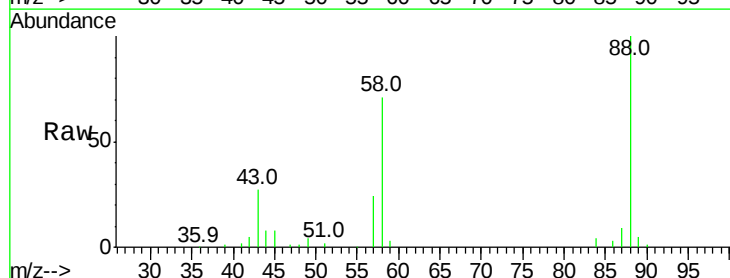
Tgt Ion: 88 Resp: 129948

Ion Ratio Lower Upper

88 100

58 72.4 61.4 92.0

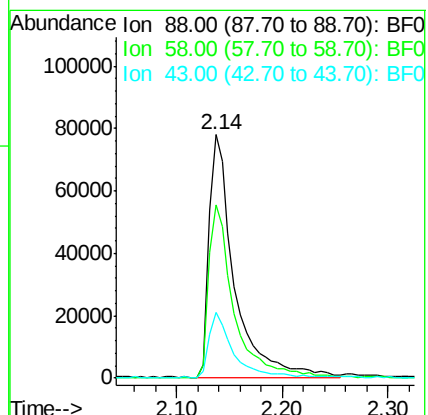
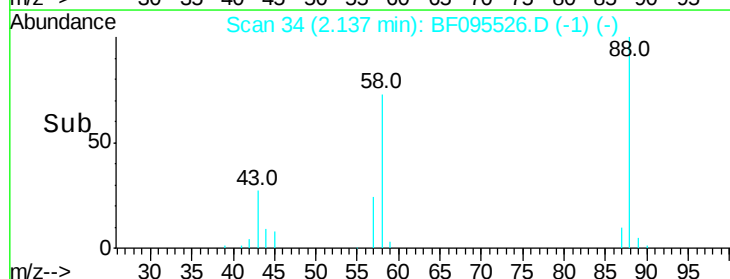
43 26.5 23.4 35.0

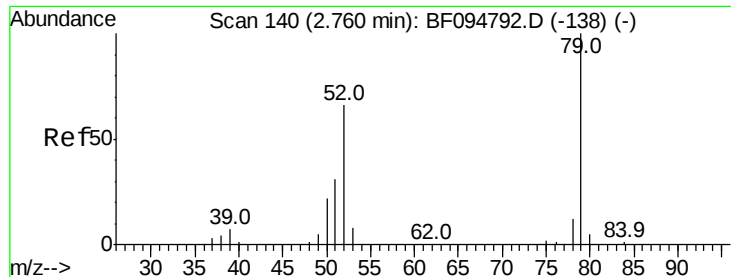


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.19 ng

RT: 2.84 min Scan# 153

Delta R.T. -0.05 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

Instrument :

BNA_F

ClientSampleId :

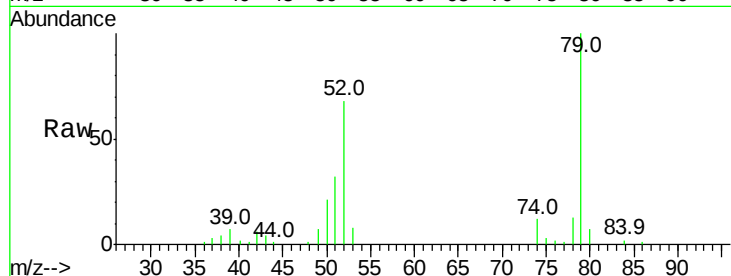
Tot Ion: 79 Resp: 316478

Ion Ratio Lower Upper

79 100

52 68.2 54.8 82.2

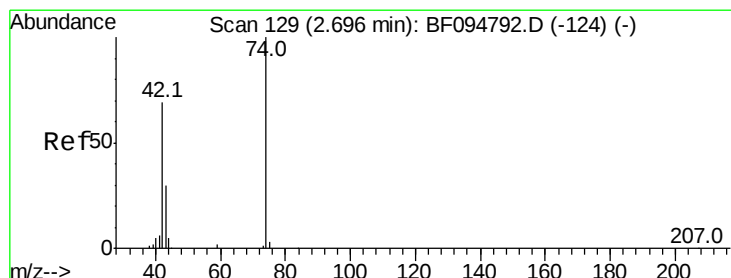
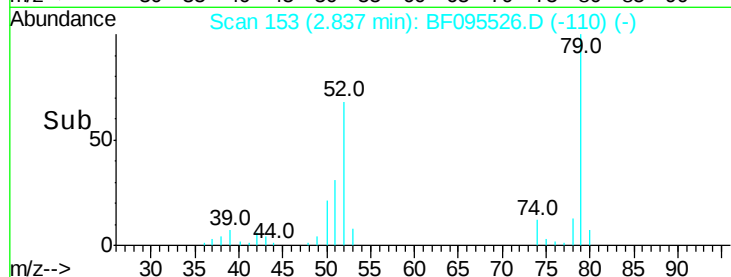
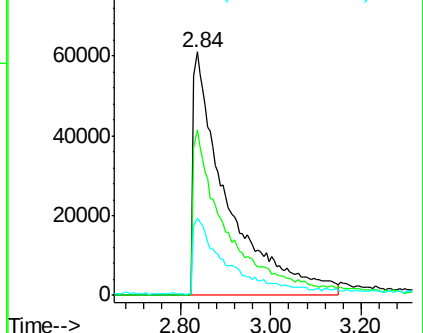
51 31.7 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 32.56 ng

RT: 2.77 min Scan# 141

Delta R.T. -0.05 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

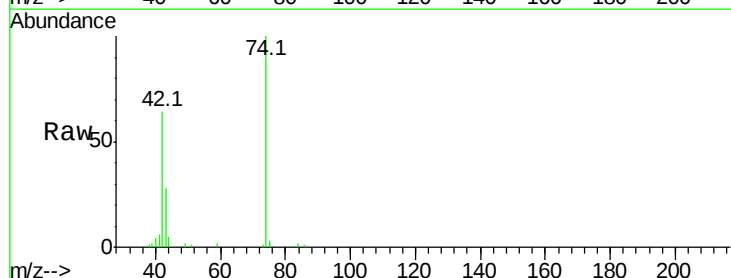
Tgt Ion: 42 Resp: 101811

Ion Ratio Lower Upper

42 100

74 156.2 103.9 155.9#

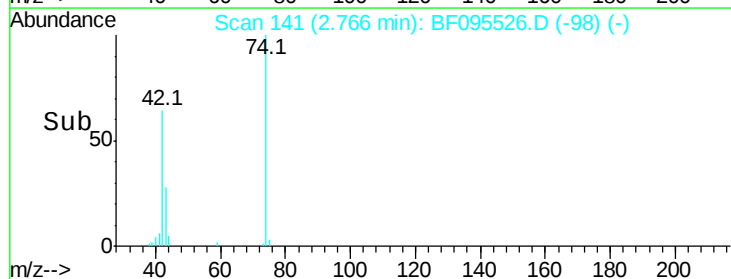
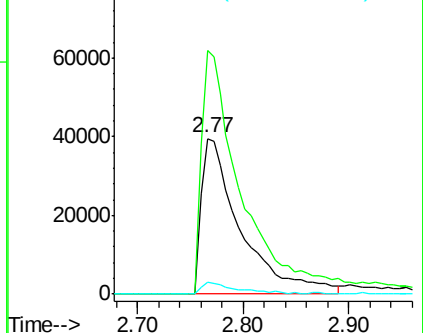
44 7.8 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 89.24 ng

RT: 5.70 min Scan# 639

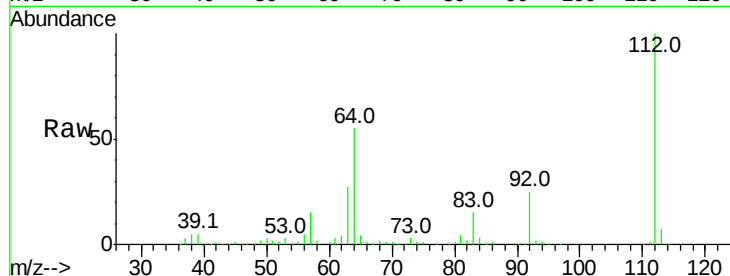
Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

Instrument :
BNA_F
ClientSampled :

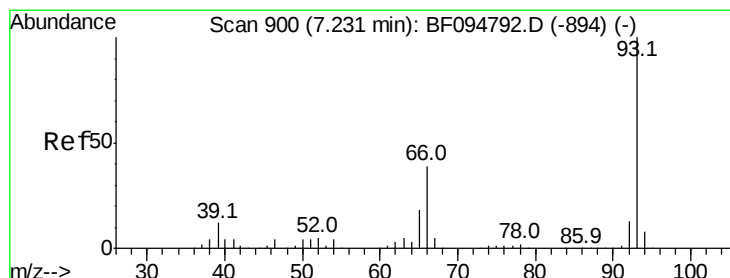
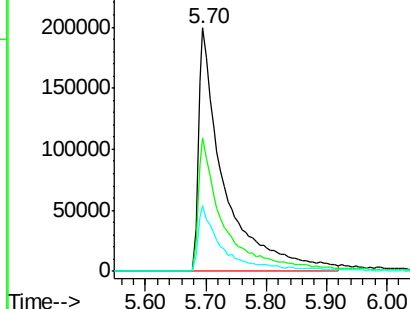
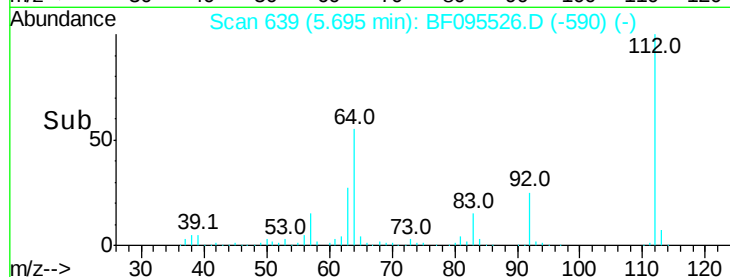
Tot Ion:	112	Resp:	588977
Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.0	69.0
63	26.8	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 46.32 ng

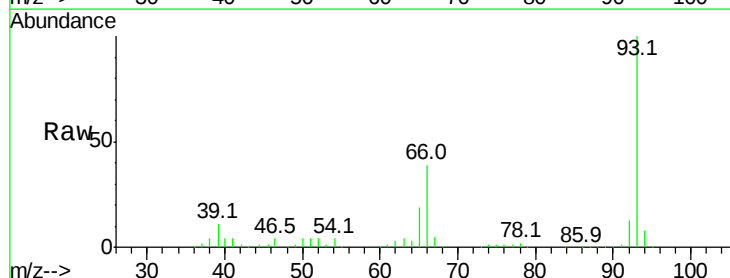
RT: 7.24 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

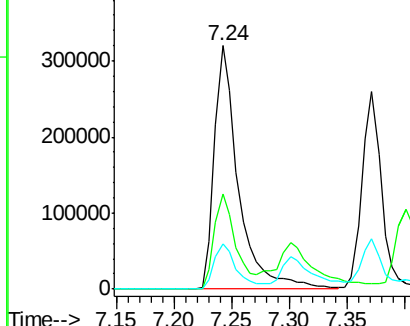
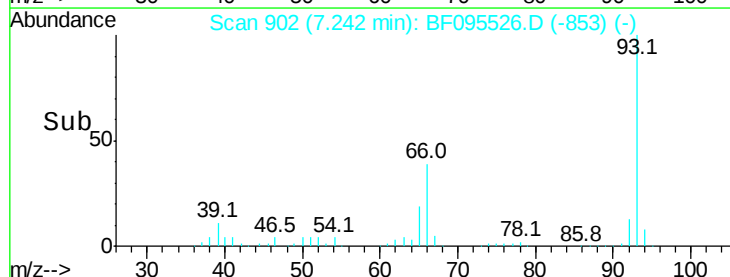
Tgt Ion:	93	Resp:	463124
Ion	Ratio	Lower	Upper
93	100		
66	39.3	32.9	49.3
65	18.6	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 88.43 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

Instrument :

BNA_F

ClientSampled :

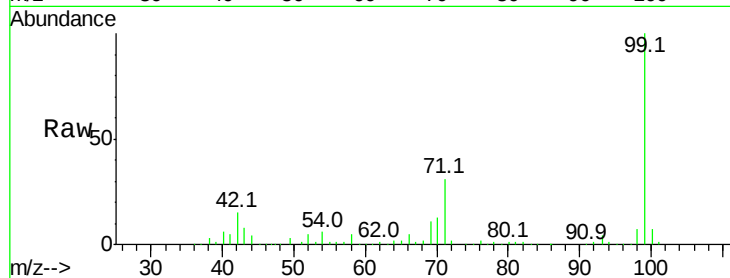
Tot Ion: 99 Resp: 700276

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

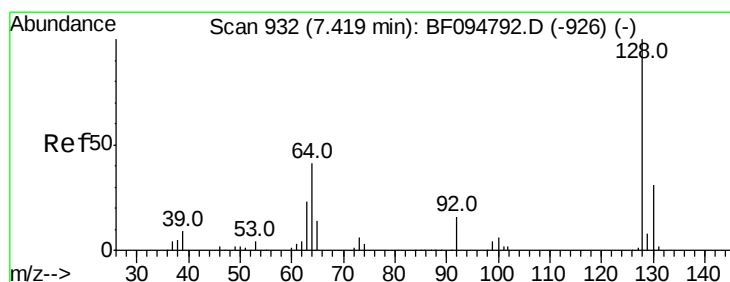
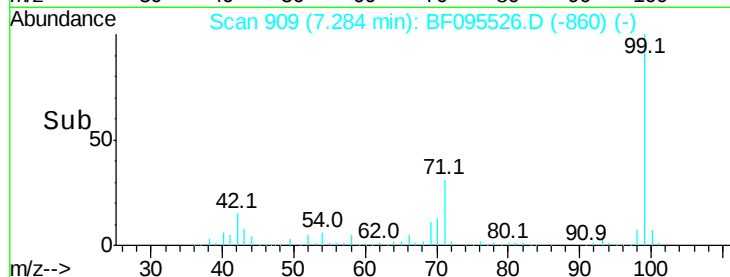
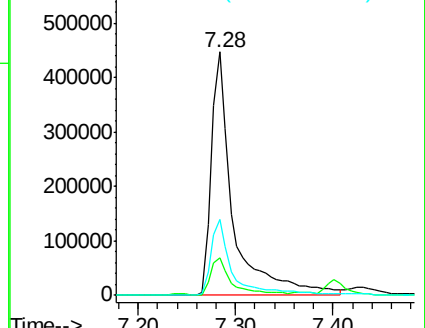
71 31.2 24.5 36.7



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: 44.49 ng

RT: 7.43 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

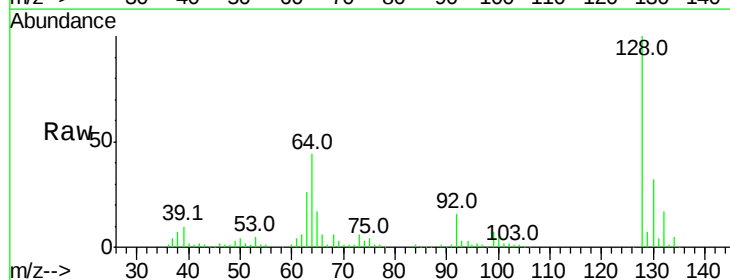
Tgt Ion: 128 Resp: 334185

Ion Ratio Lower Upper

128 100

130 32.3 12.9 52.9

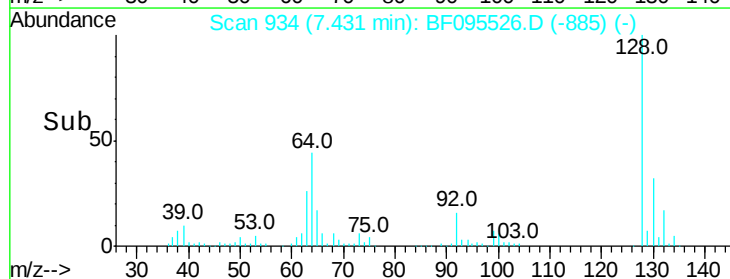
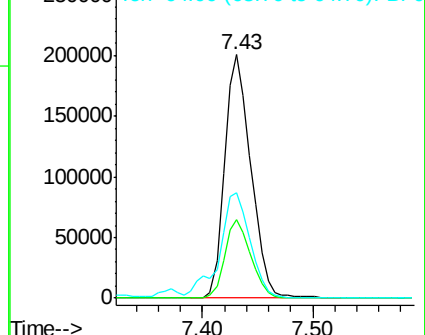
64 43.5 28.4 68.4

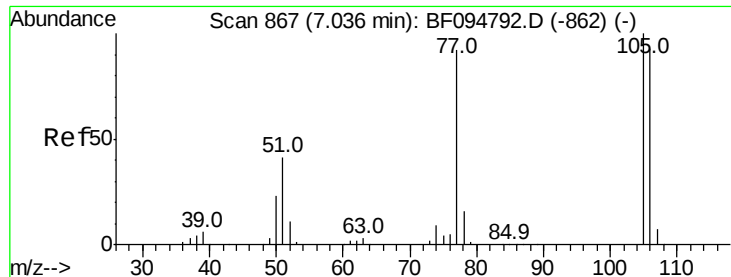


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.12 ng

RT: 7.06 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

Instrument :

BNA_F

ClientSampleId :

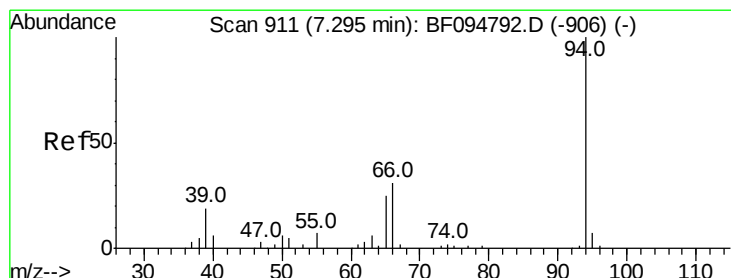
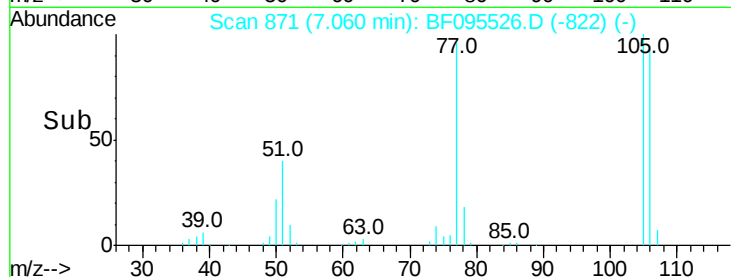
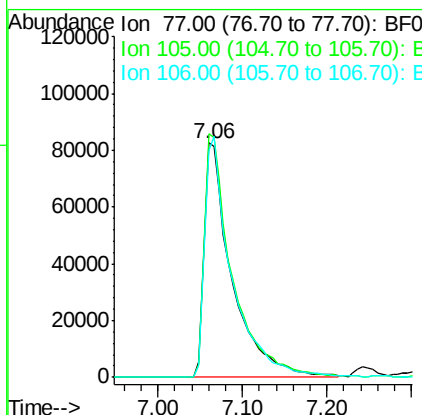
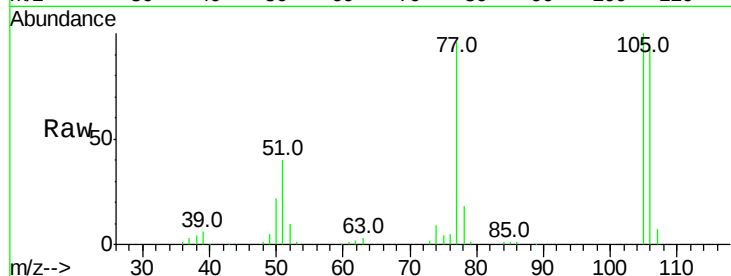
Tot Ion: 77 Resp: 189159

Ion Ratio Lower Upper

77 100

105 103.8 83.8 123.8

106 97.0 79.1 119.1



#10

Phenol

Concen: 47.49 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

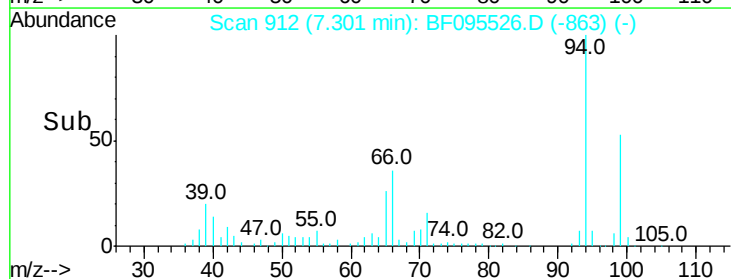
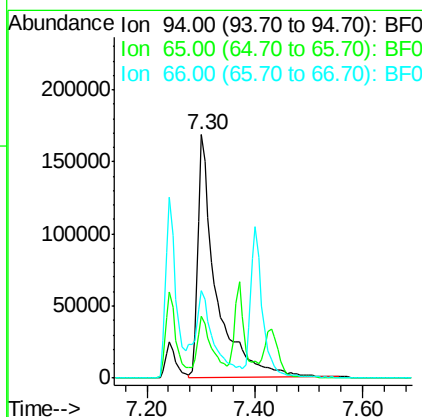
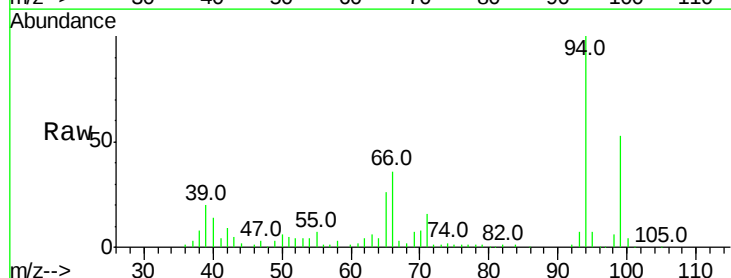
Tgt Ion: 94 Resp: 396300

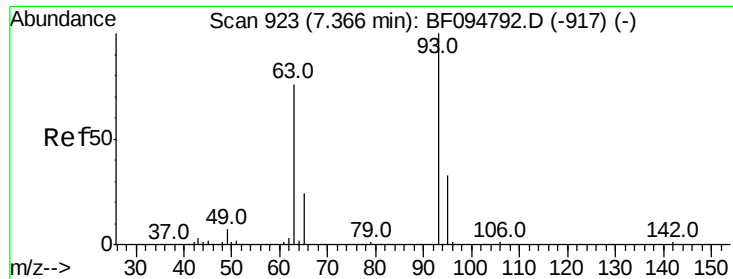
Ion Ratio Lower Upper

94 100

65 25.6 9.9 49.9

66 36.1 23.1 63.1

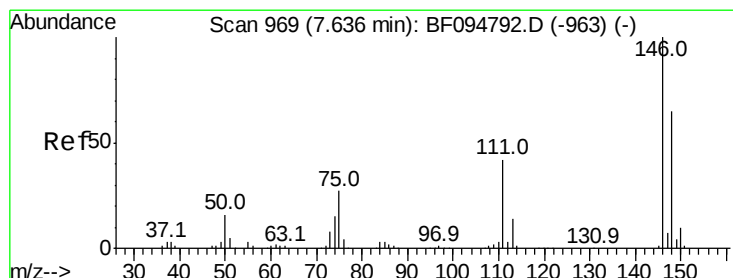
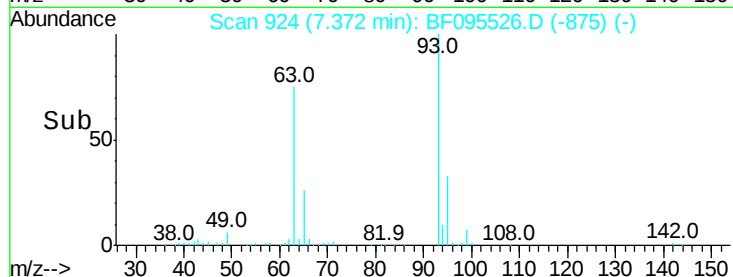
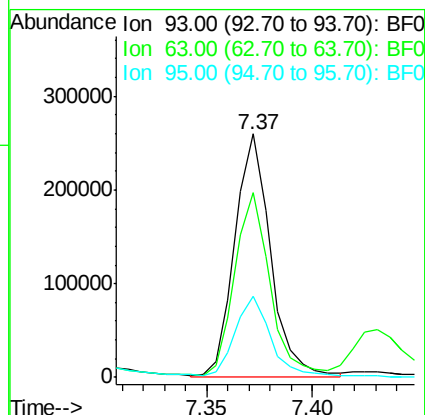
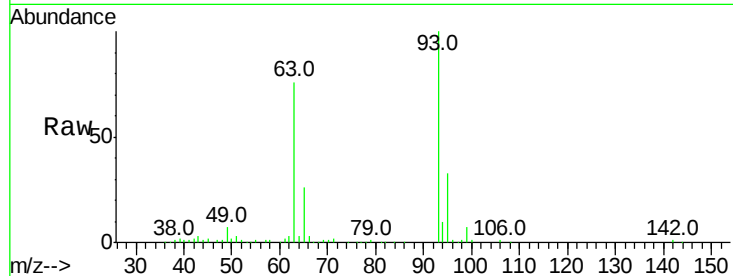




#11
bis(2-Chloroethyl)ether
Concen: 44.23 ng
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF095526.D
Acq: 28 May 2017 8:15

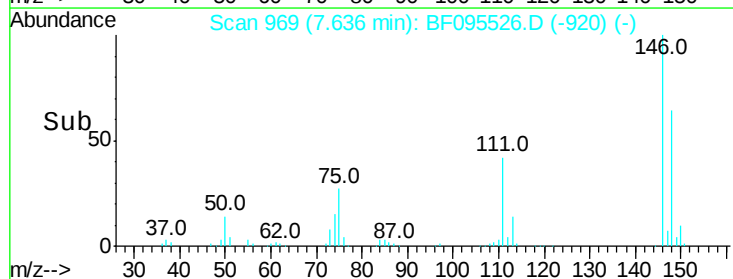
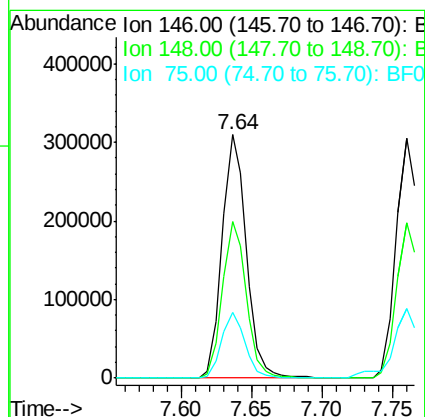
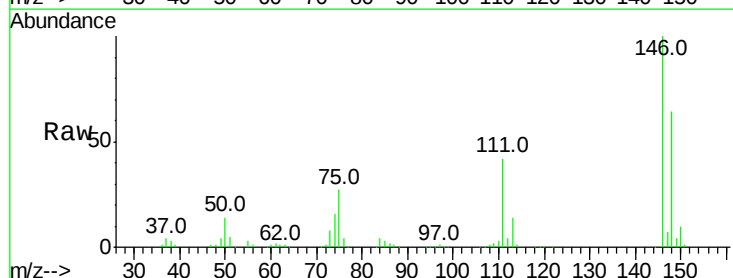
Instrument :
BNA_F
ClientSampleId :

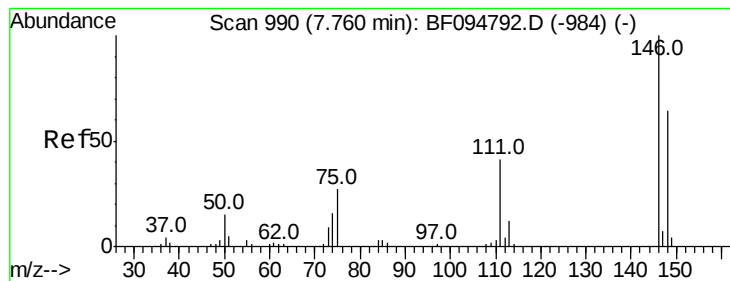
Tot Ion: 93 Resp: 304714
Ion Ratio Lower Upper
93 100
63 75.8 59.2 99.2
95 33.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 43.42 ng
RT: 7.64 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF095526.D
Acq: 28 May 2017 8:15

Tgt Ion: 146 Resp: 370033
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
75 26.9 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 43.94 ng

RT: 7.76 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

Instrument :

BNA_F

ClientSampled :

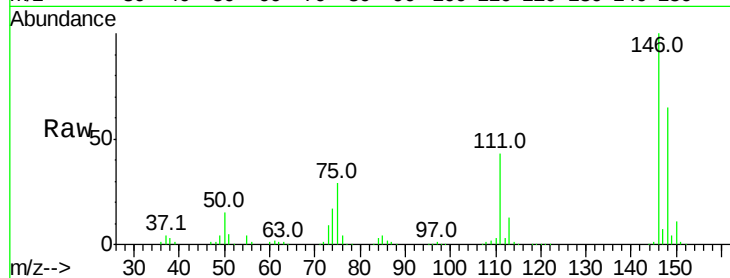
Tot Ion:146 Resp: 379698

Ion Ratio Lower Upper

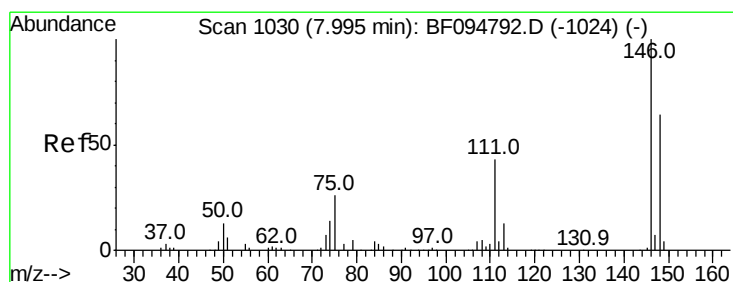
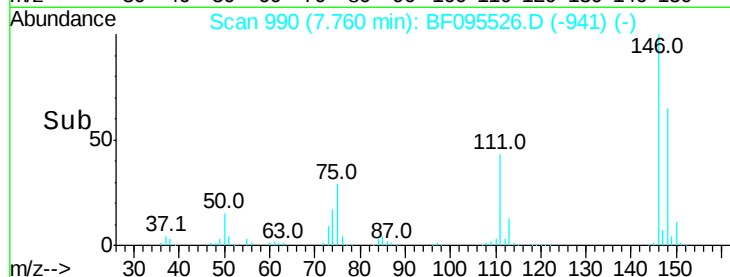
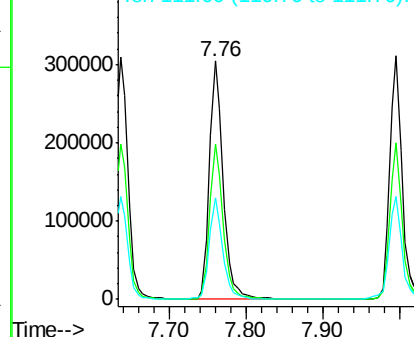
146 100

148 65.1 52.2 78.2

111 42.5 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: 44.38 ng

RT: 8.00 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

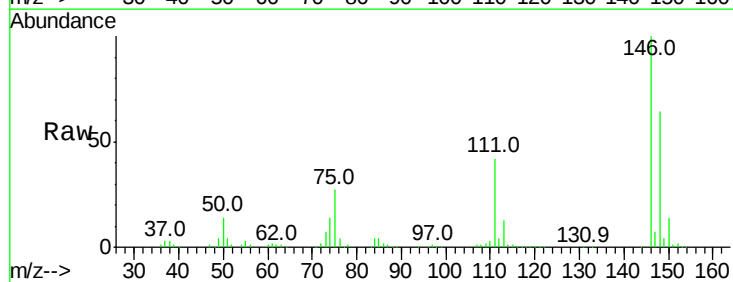
Tgt Ion:146 Resp: 357981

Ion Ratio Lower Upper

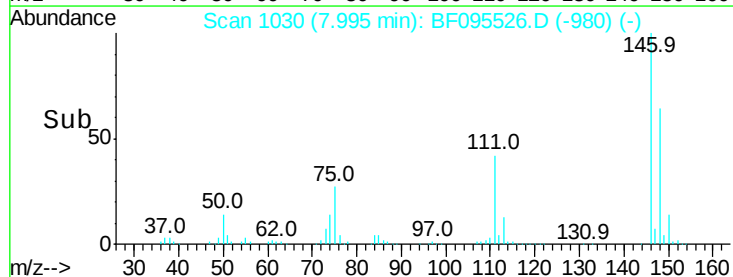
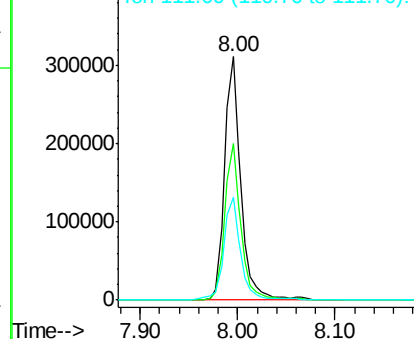
146 100

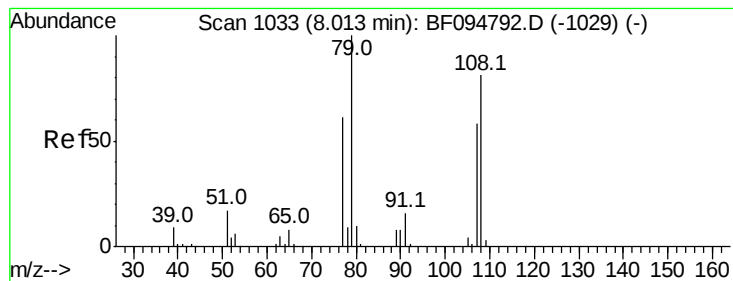
148 64.5 50.4 75.6

111 42.0 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: 47.47 ng

RT: 8.03 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

Instrument :

BNA_F

ClientSampleId :

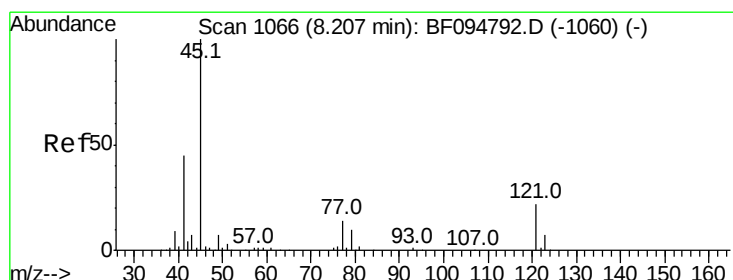
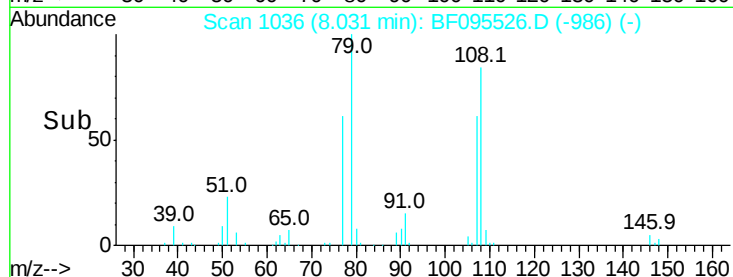
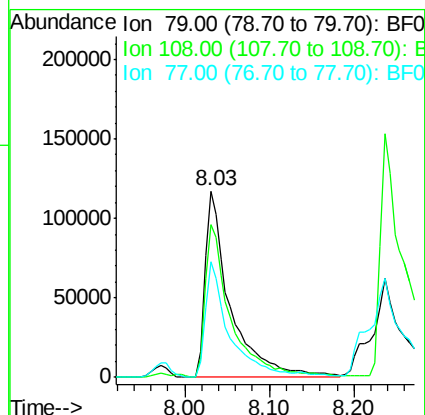
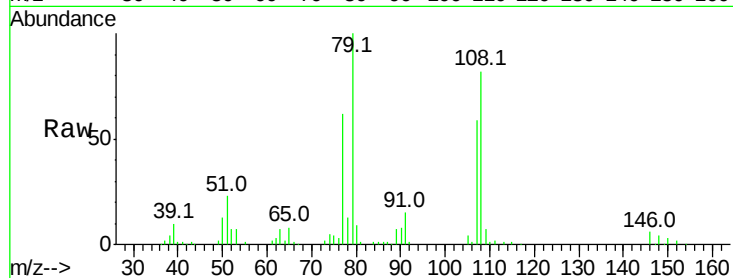
Tot Ion: 79 Resp: 241808

Ion Ratio Lower Upper

79 100

108 82.0 63.4 95.0

77 61.8 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.11 ng

RT: 8.22 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

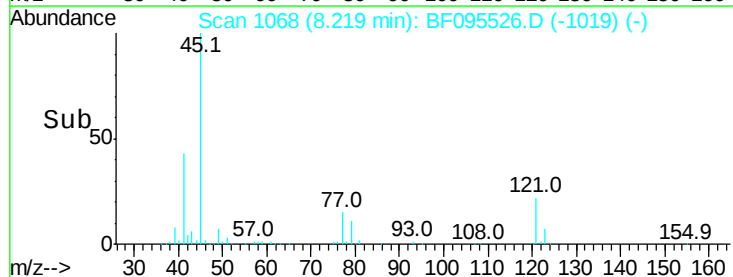
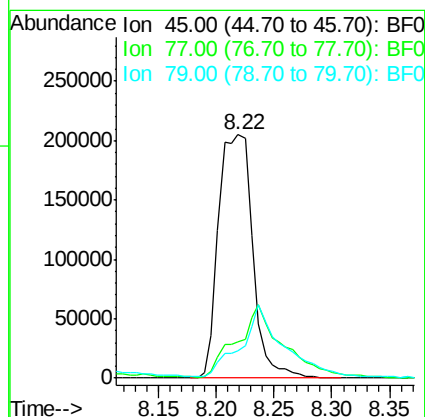
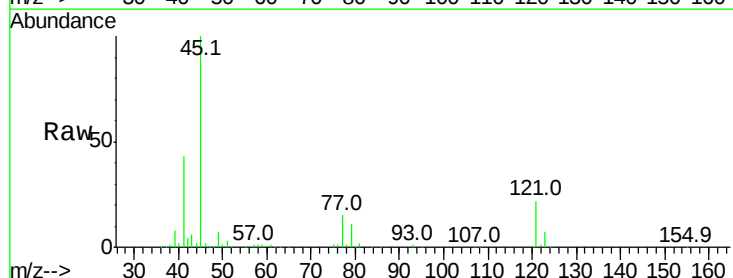
Tgt Ion: 45 Resp: 420357

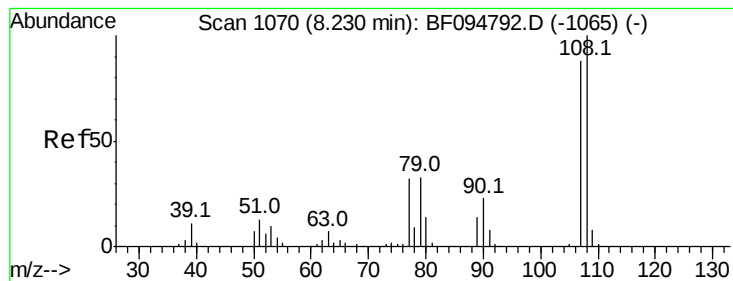
Ion Ratio Lower Upper

45 100

77 14.6 0.0 33.2

79 11.0 0.0 30.0

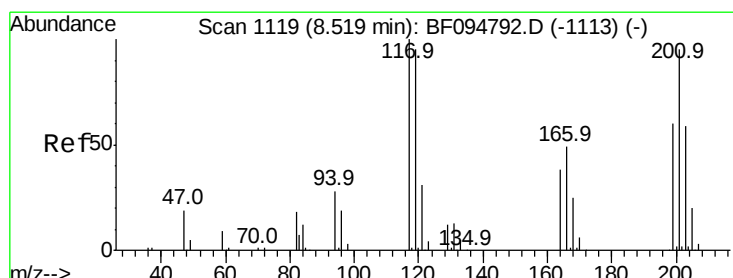
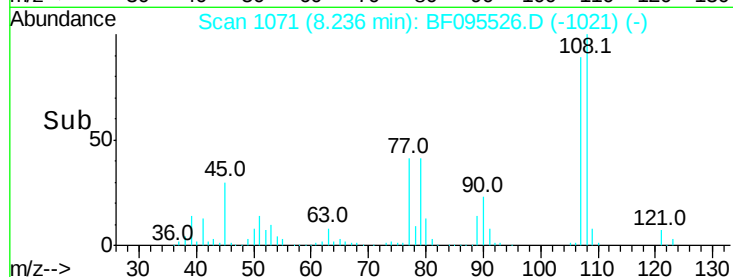
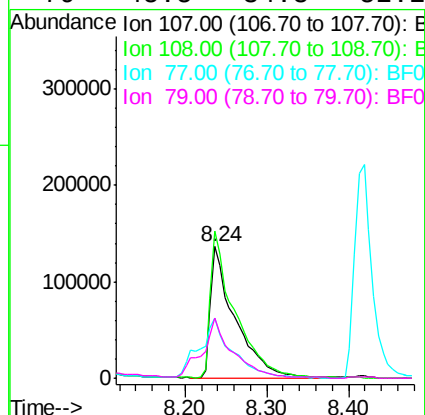
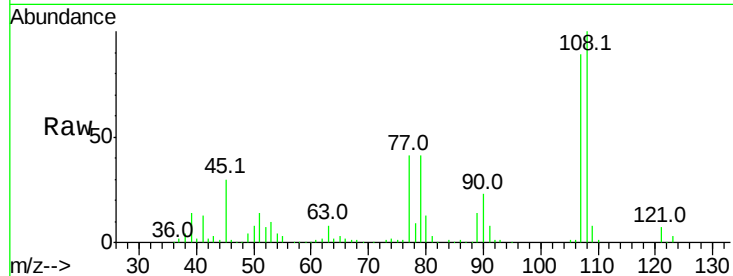




#17
2-Methylphenol
Concen: 45.77 ng
RT: 8.24 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF095526.D
Acq: 28 May 2017 8:15

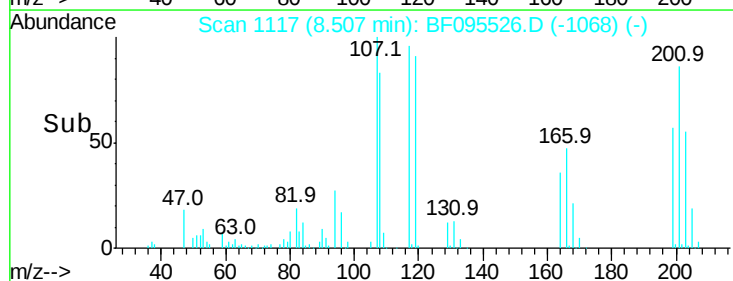
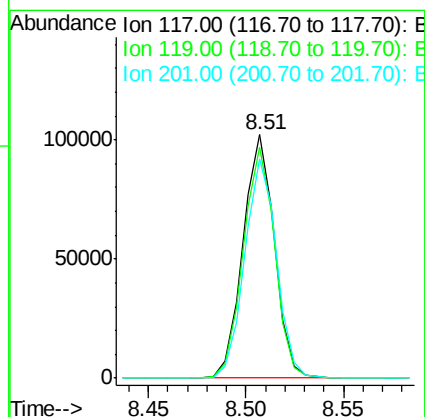
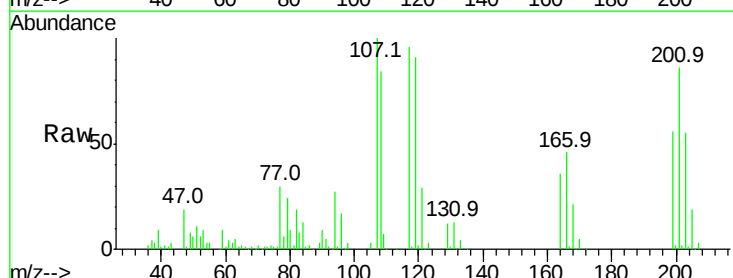
Instrument :
BNA_F
ClientSampleId :

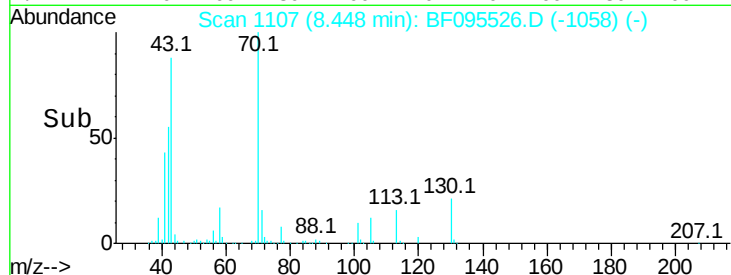
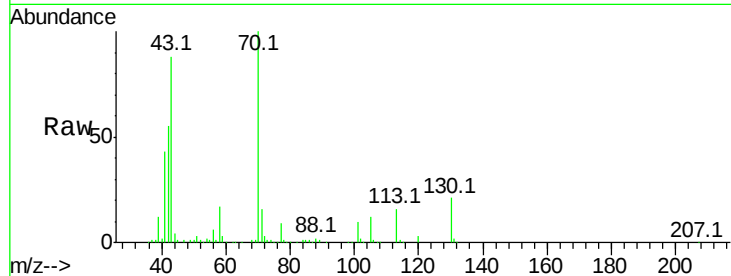
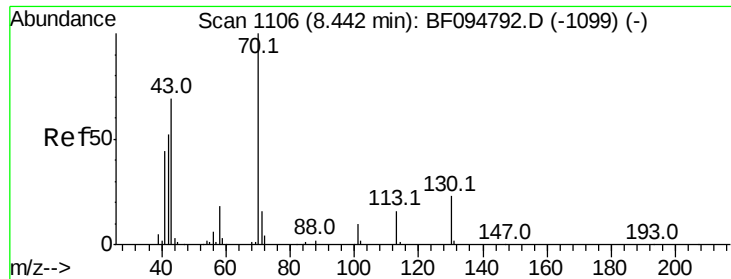
Tot Ion:	107	Resp:	281411
Ion	Ratio	Lower	Upper
107	100		
108	112.2	93.4	140.0
77	45.5	35.8	53.6
79	45.5	34.8	52.2



#18
Hexachloroethane
Concen: 38.88 ng
RT: 8.51 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF095526.D
Acq: 28 May 2017 8:15

Tgt Ion:	117	Resp:	113824
Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.4	116.0
201	89.9	94.6	141.8#

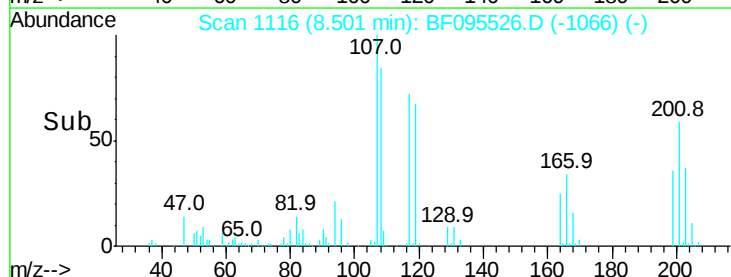
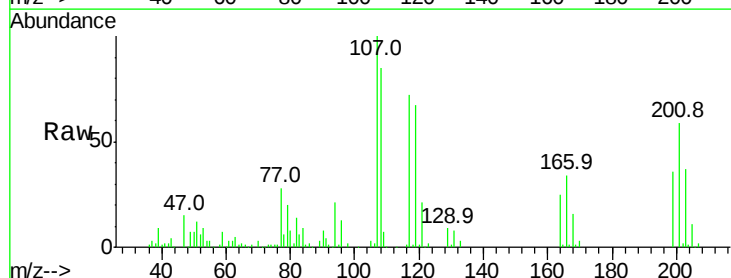
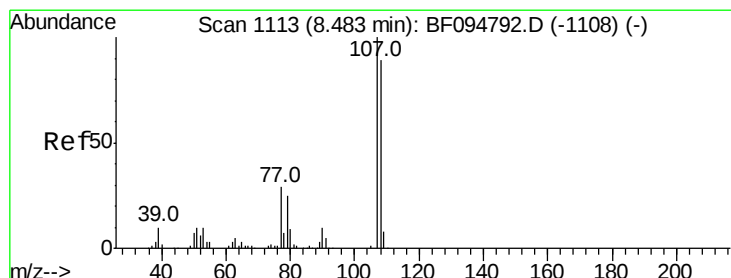
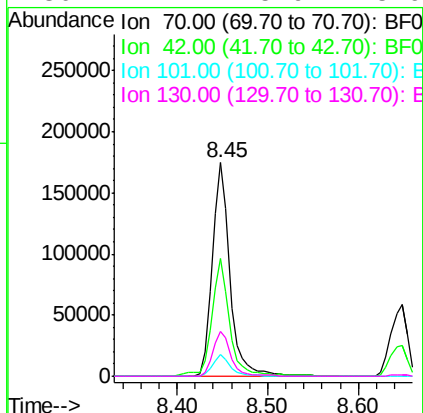




#19
n-Nitroso-di-n-propylamine
Concen: 44.15 ng
RT: 8.45 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF095526.D
Acq: 28 May 2017 8:15

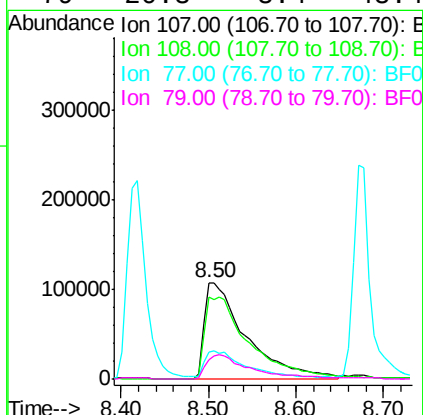
Instrument :
BNA_F
ClientSampleId :

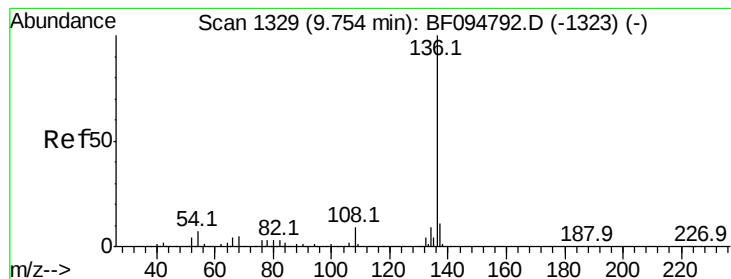
Tot Ion:	70	Resp:	236439
Ion	Ratio	Lower	Upper
70	100		
42	55.0	47.2	70.8
101	10.2	7.2	10.8
130	21.2	15.9	23.9



#20
3+4-Methylphenols
Concen: 42.64 ng
RT: 8.50 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF095526.D
Acq: 28 May 2017 8:15

Tgt Ion:	107	Resp:	356204
Ion	Ratio	Lower	Upper
107	100		
108	84.7	71.0	111.0
77	27.6	90.5	130.5#
79	20.3	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.75 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 437223

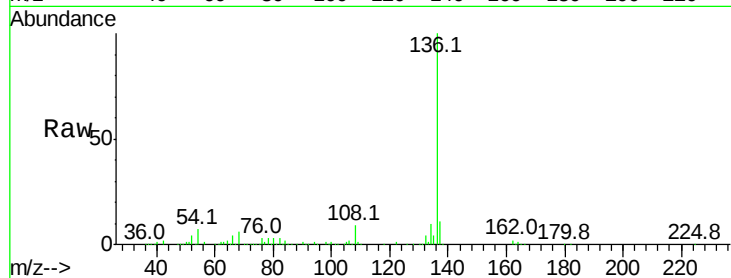
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.2 4.9 7.3

68 5.7 4.1 6.1

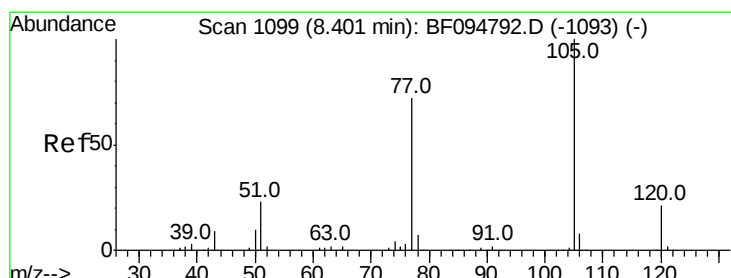
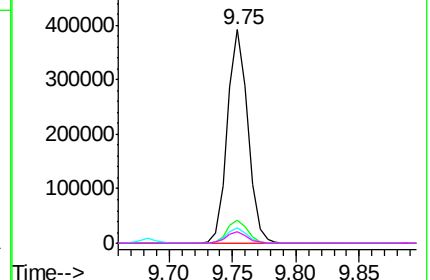
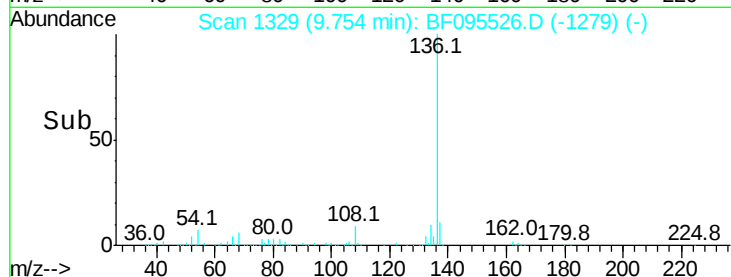


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.19 ng

RT: 8.42 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

Tgt Ion:105 Resp: 463539

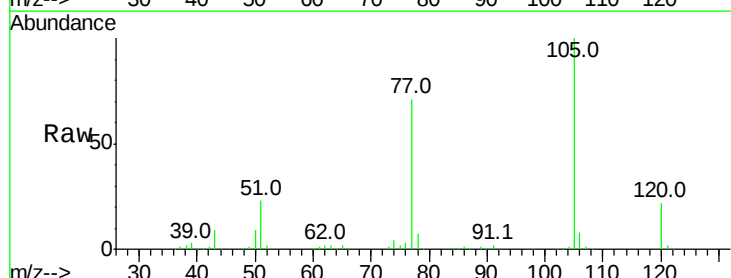
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.8 30.7 46.1#

120 21.9 17.4 26.0

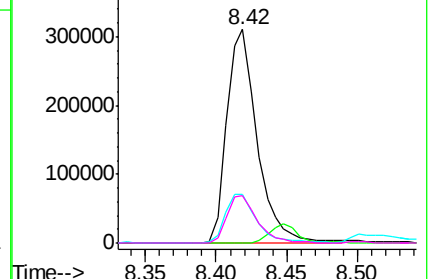
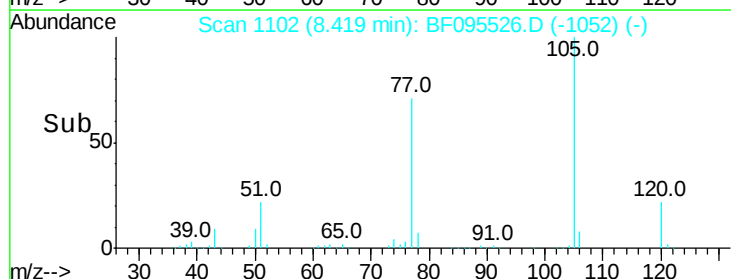


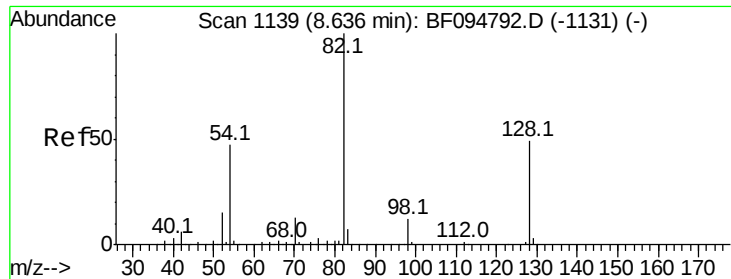
Abundance Ion 105.00 (104.70 to 105.70): E

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

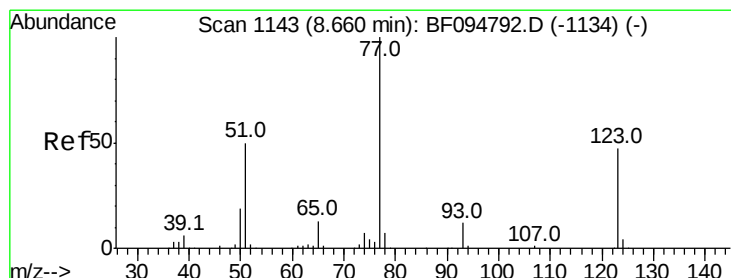
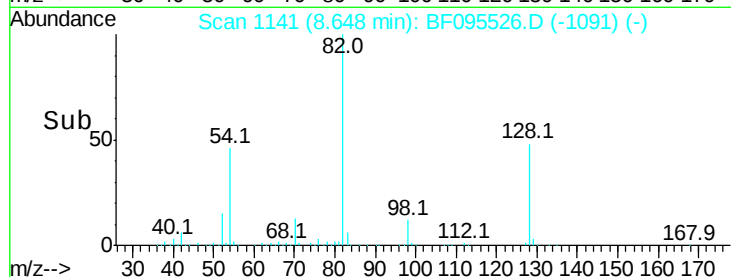
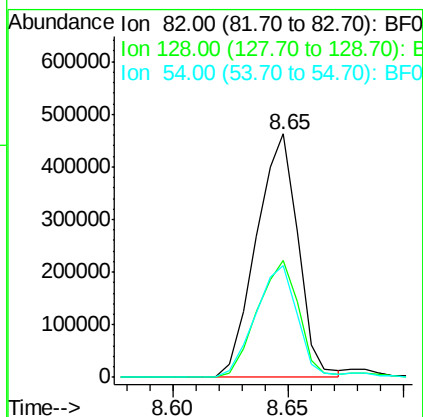
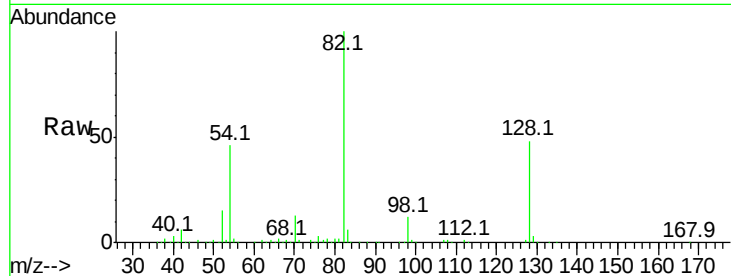




#23
 Nitrobenzene-d5
 Concen: 84.05 ng
 RT: 8.65 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF095526.D
 Acq: 28 May 2017 8:15

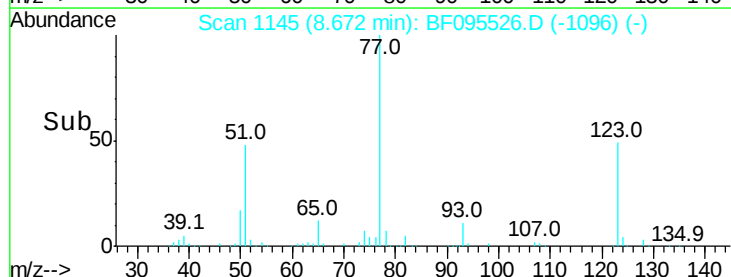
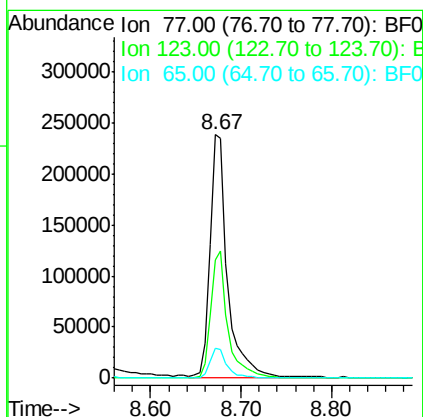
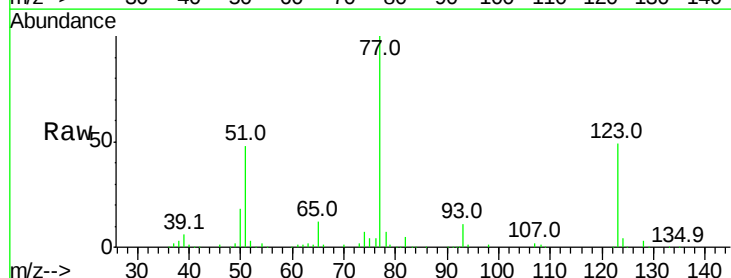
Instrument :
 BNA_F
 ClientSampleId :

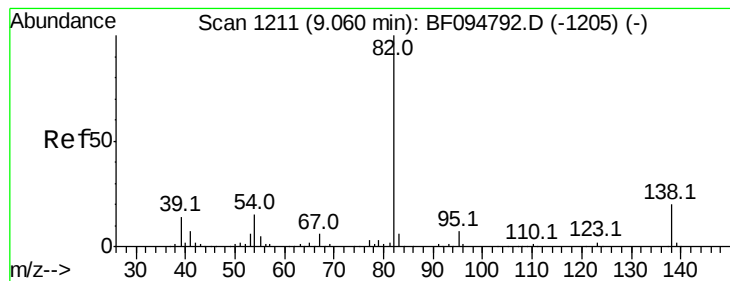
Tot Ion: 82 Resp: 582769
 Ion Ratio Lower Upper
 82 100
 128 48.2 34.0 51.0
 54 46.0 42.2 63.2



#24
 Nitrobenzene
 Concen: 44.15 ng
 RT: 8.67 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF095526.D
 Acq: 28 May 2017 8:15

Tgt Ion: 77 Resp: 320832
 Ion Ratio Lower Upper
 77 100
 123 48.8 35.8 53.8
 65 12.4 10.6 15.8





#25

Isophorone

Concen: 44.98 ng

RT: 9.08 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

Instrument :

BNA_F

ClientSampleId :

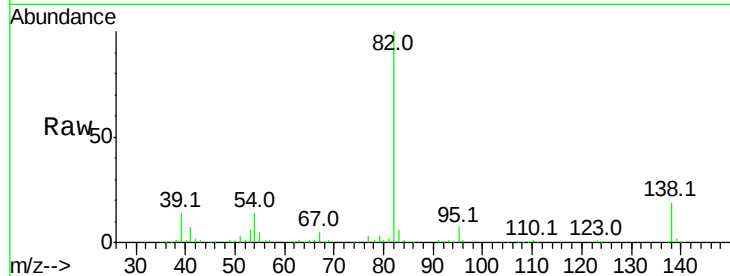
Tot Ion: 82 Resp: 556889

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

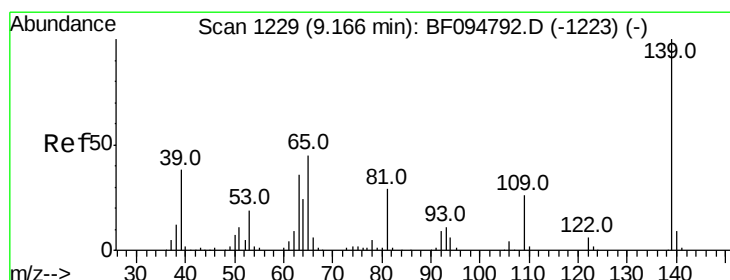
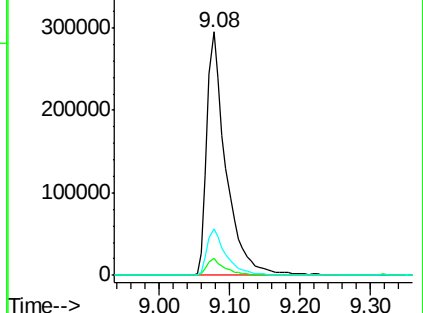
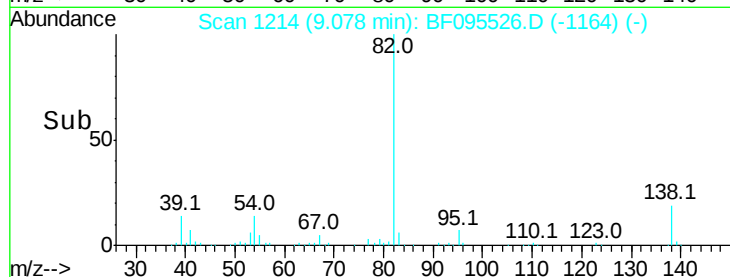
138 19.3 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.04 ng

RT: 9.18 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

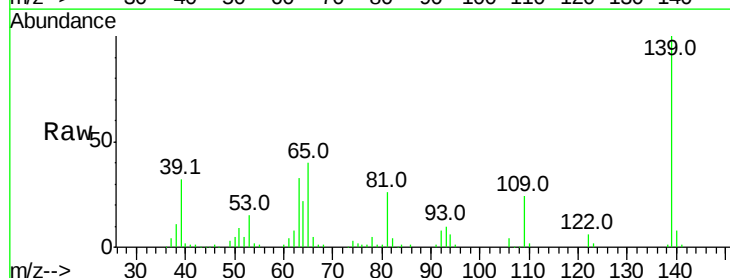
Tgt Ion: 139 Resp: 164878

Ion Ratio Lower Upper

139 100

109 23.6 21.0 31.6

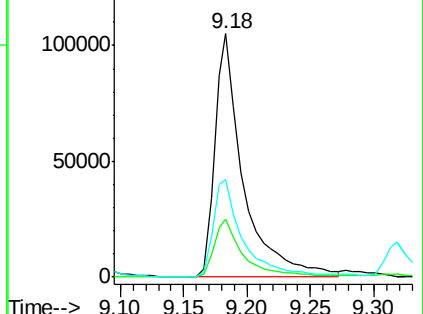
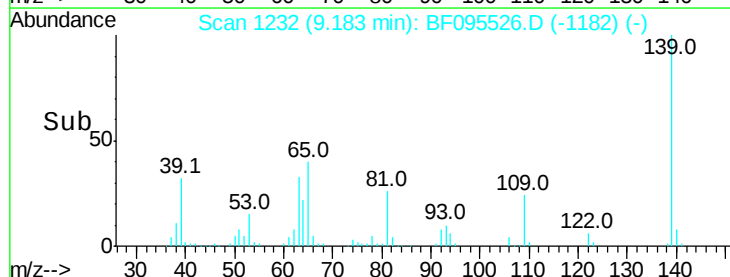
65 40.0 33.0 49.6

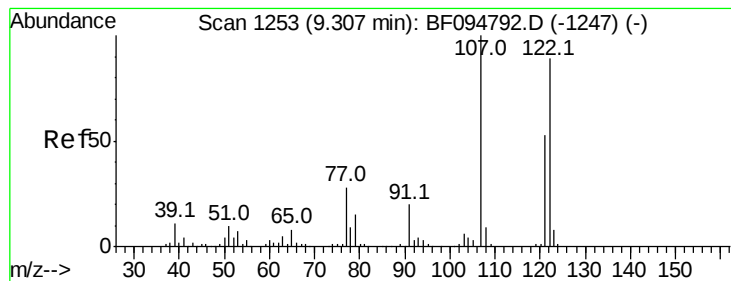


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 43.74 ng

RT: 9.32 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

Instrument :

BNA_F

ClientSampled :

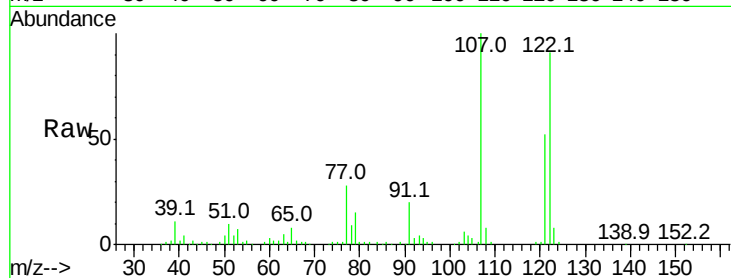
Tot Ion:122 Resp: 277334

Ion Ratio Lower Upper

122 100

107 110.0 89.2 133.8

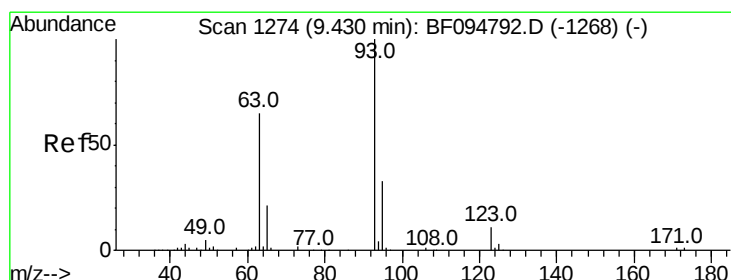
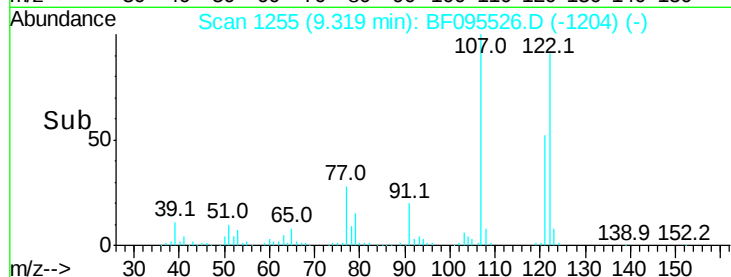
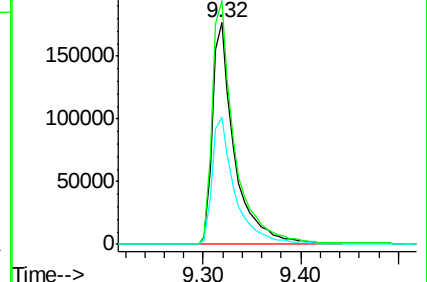
121 57.3 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.17 ng

RT: 9.44 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

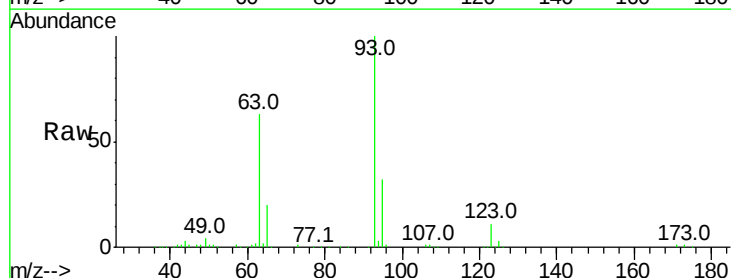
Tgt Ion: 93 Resp: 378276

Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

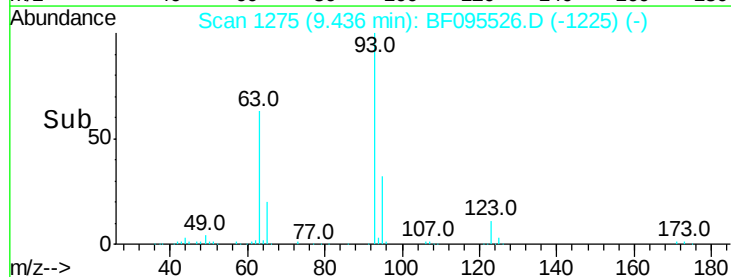
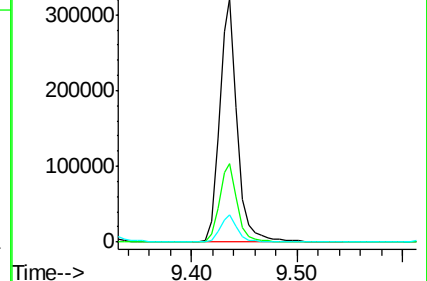
123 11.0 9.0 13.4

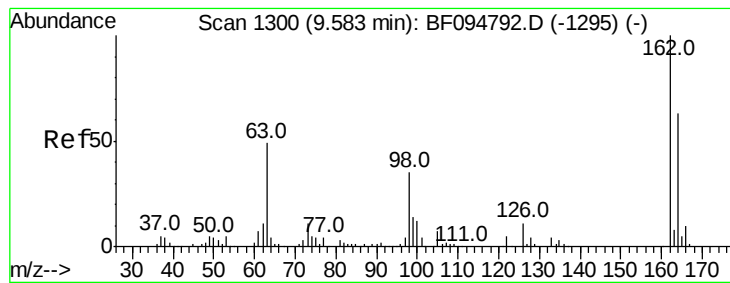


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.01 ng

RT: 9.61 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

Instrument :

BNA_F

ClientSampled :

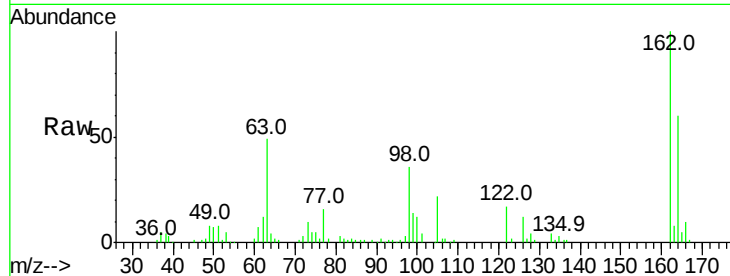
Tot Ion:162 Resp: 239521

Ion Ratio Lower Upper

162 100

164 60.5 44.6 84.6

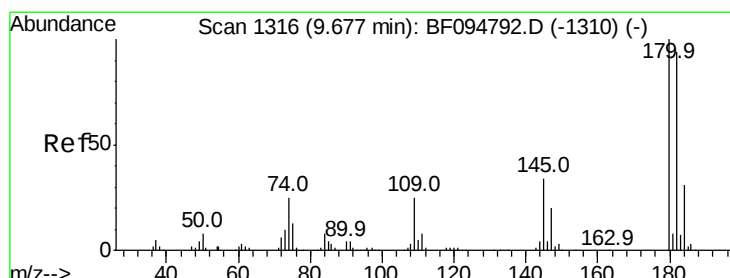
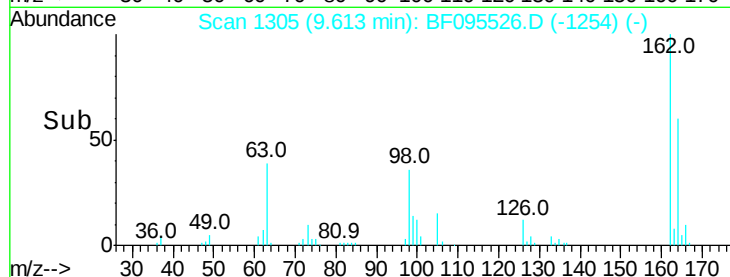
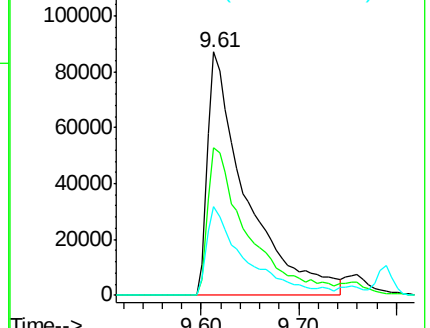
98 36.5 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 41.94 ng

RT: 9.68 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

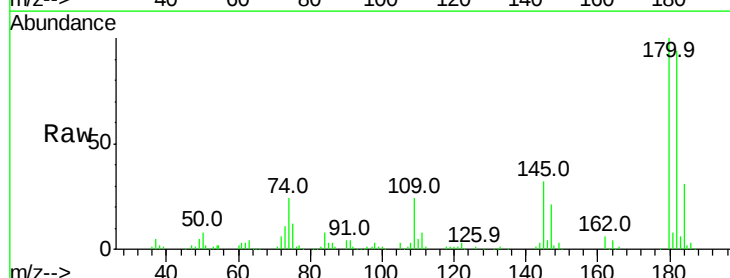
Tgt Ion:180 Resp: 268987

Ion Ratio Lower Upper

180 100

182 94.0 75.8 113.6

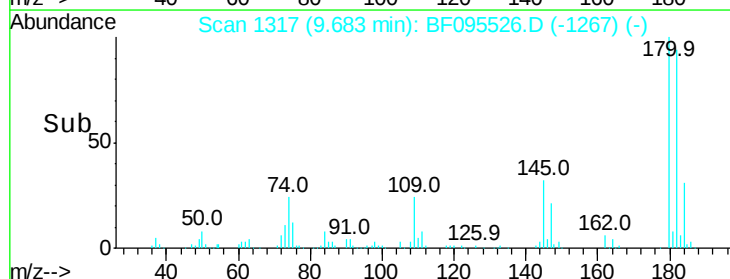
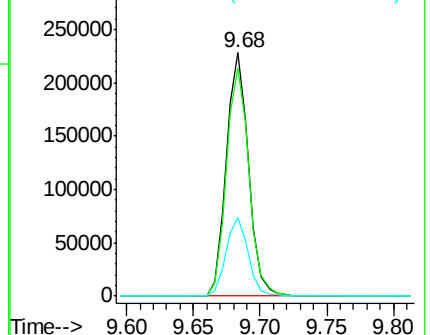
145 32.0 25.3 37.9

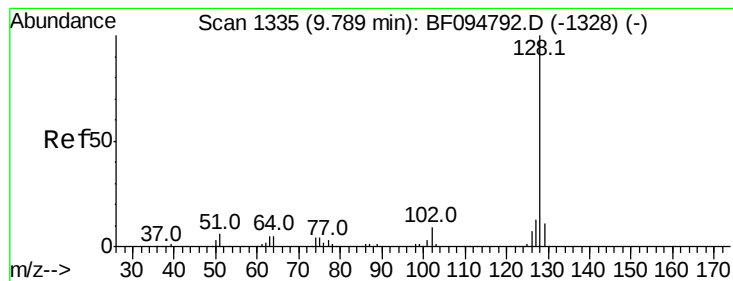


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.05 ng

RT: 9.79 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

Instrument :

BNA_F

ClientSampled :

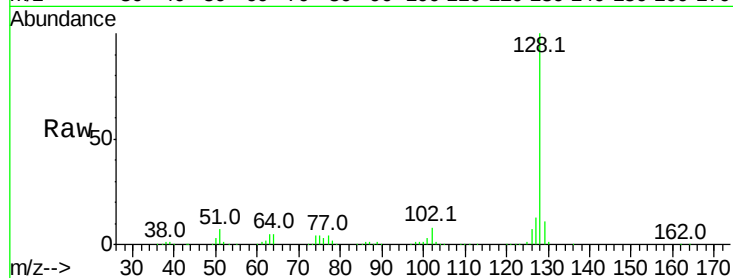
Tot Ion:128 Resp: 924086

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

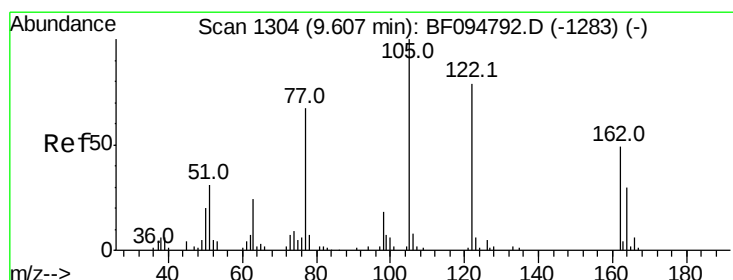
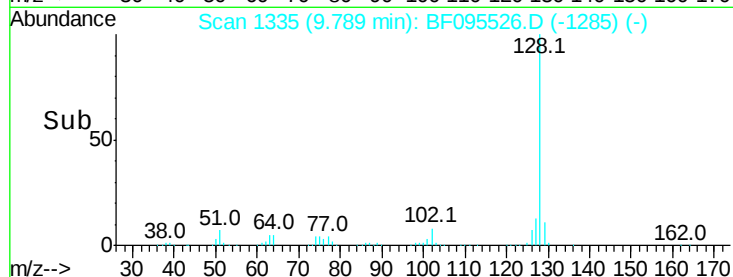
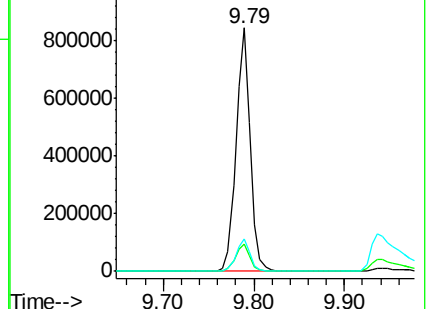
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.23 ng

RT: 9.66 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

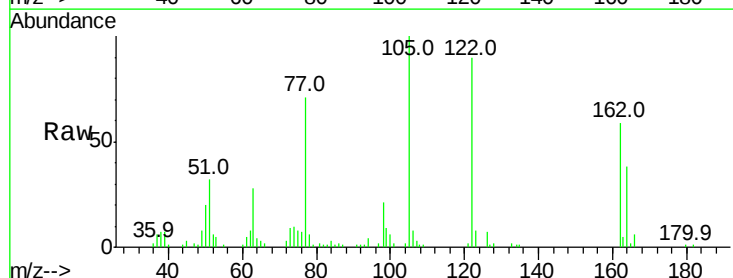
Tgt Ion:122 Resp: 121763

Ion Ratio Lower Upper

122 100

105 110.7 103.3 143.3

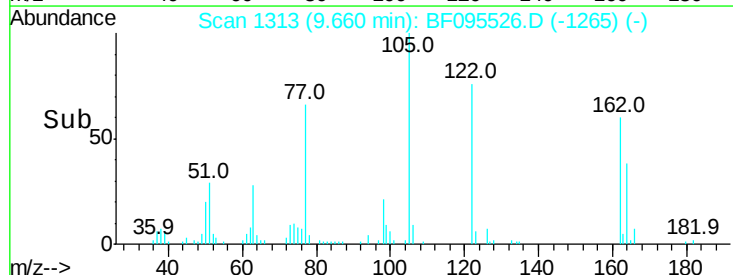
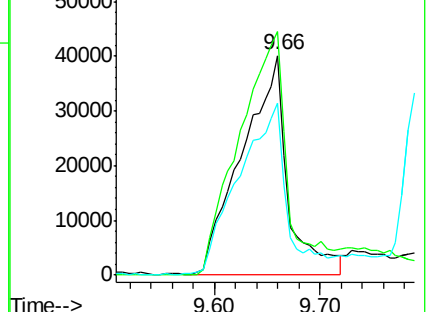
77 78.2 73.7 113.7

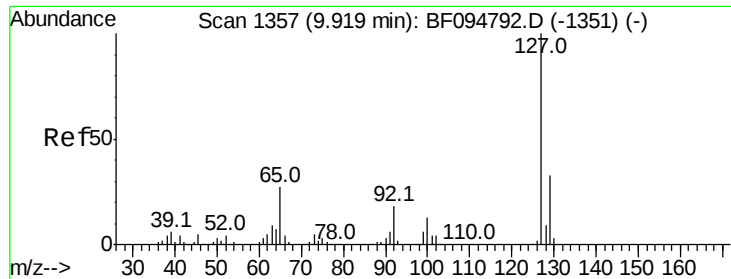


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

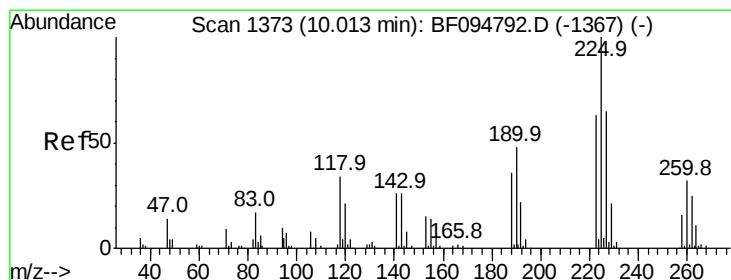
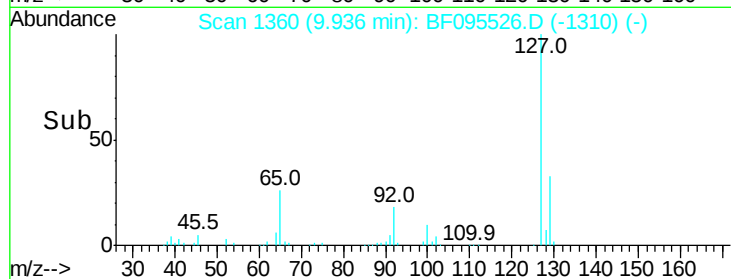
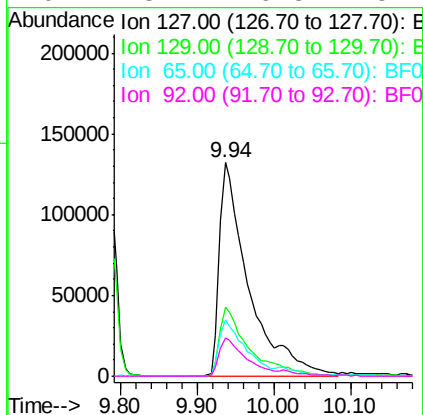
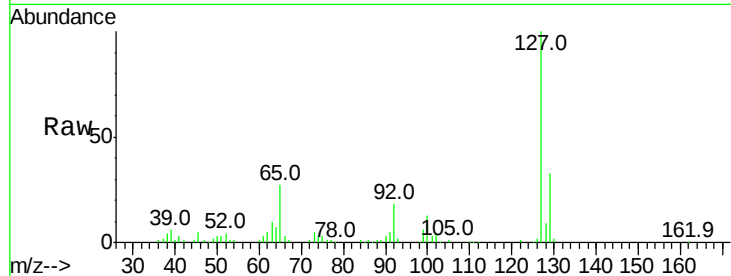




#33
4-Chloroaniline
Concen: 42.75 ng
RT: 9.94 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF095526.D
Acq: 28 May 2017 8:15

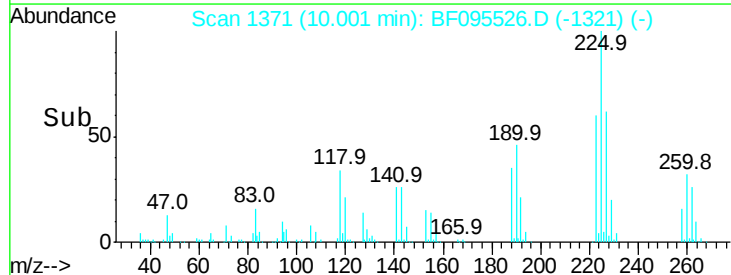
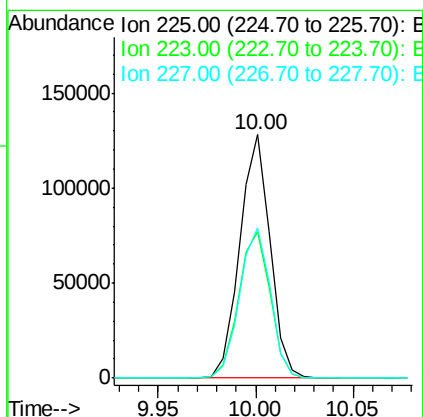
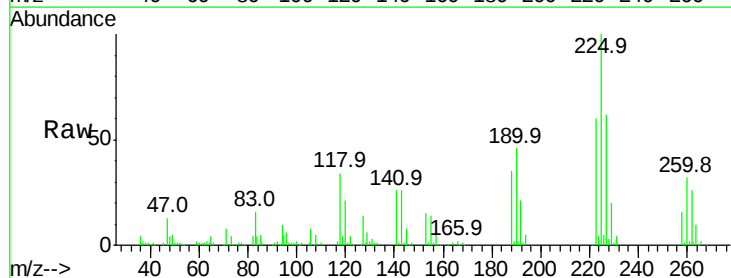
Instrument :
BNA_F
ClientSampleId :

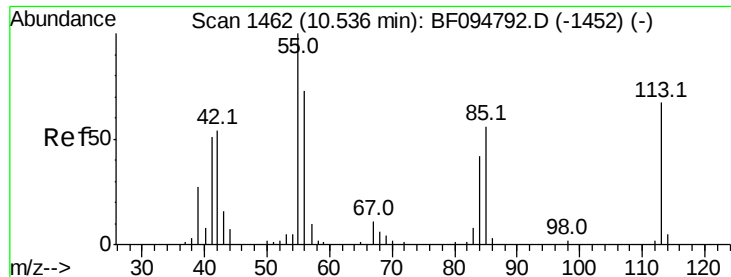
Tot Ion:	127	Resp:	350057
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	26.6	27.8	41.8#
92	18.2	16.8	25.2



#34
Hexachlorobutadiene
Concen: 40.72 ng
RT: 10.00 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF095526.D
Acq: 28 May 2017 8:15

Tgt Ion:	225	Resp:	137818
Ion	Ratio	Lower	Upper
225	100		
223	60.0	48.8	73.2
227	61.7	51.1	76.7





#35

Caprolactam

Concen: 42.20 ng

RT: 10.57 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

Instrument :

BNA_F

ClientSampleId :

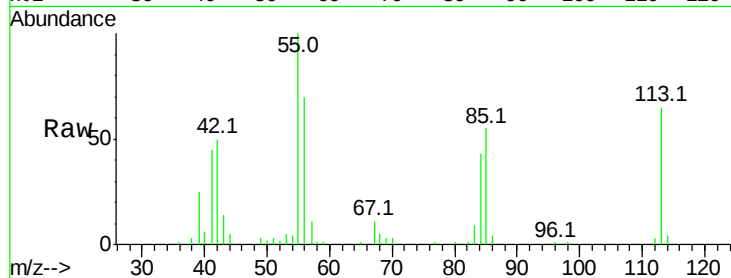
Tot Ion:113 Resp: 75871

Ion Ratio Lower Upper

113 100

55 154.0 150.2 190.2

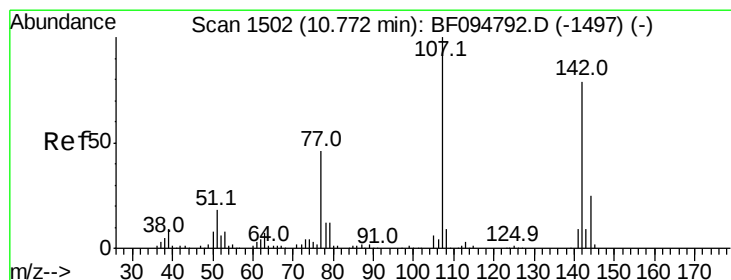
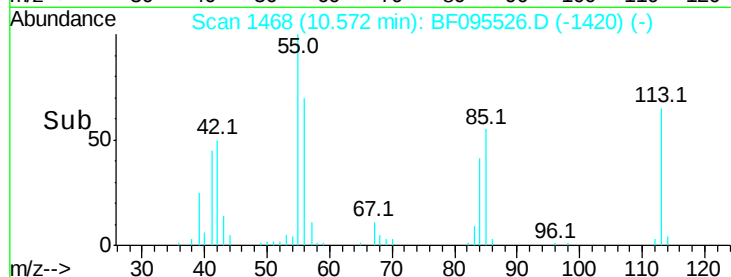
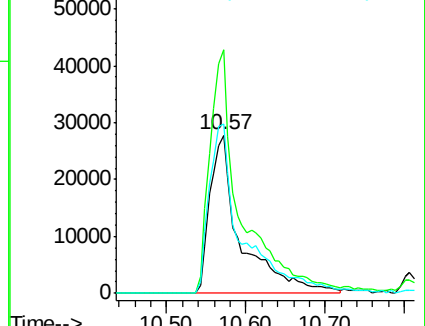
56 107.3 107.8 147.8#



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: 41.76 ng

RT: 10.81 min Scan# 1508

Delta R.T. 0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

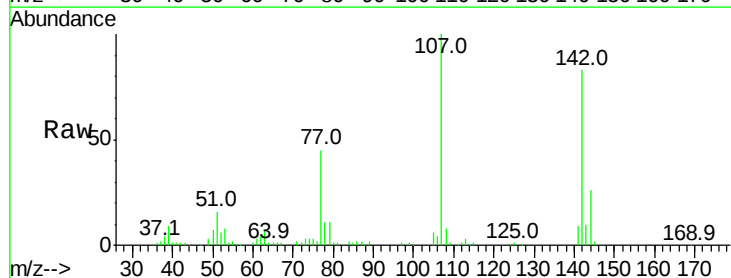
Tgt Ion:107 Resp: 267276

Ion Ratio Lower Upper

107 100

144 26.0 24.2 36.4

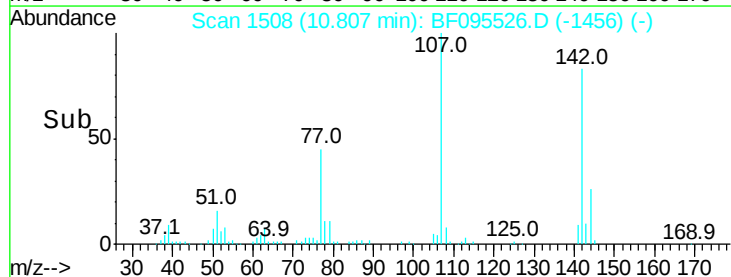
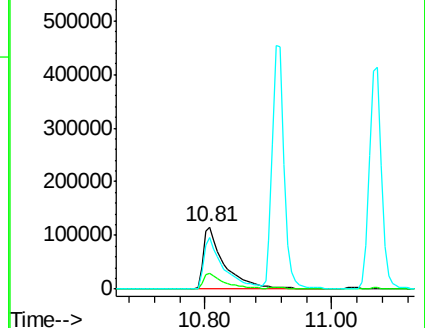
142 83.2 73.4 110.0

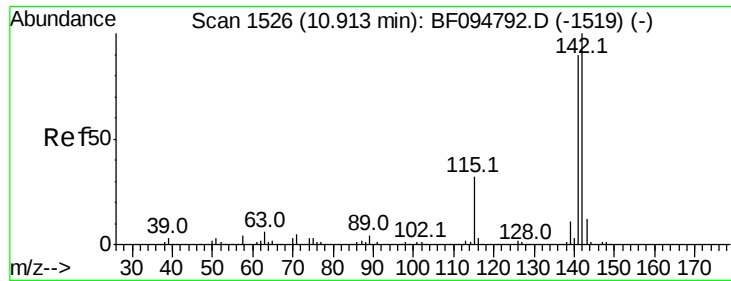


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

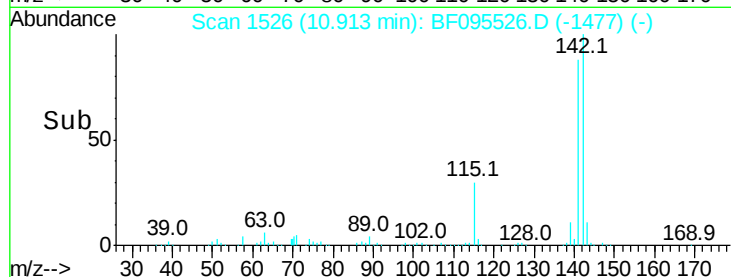
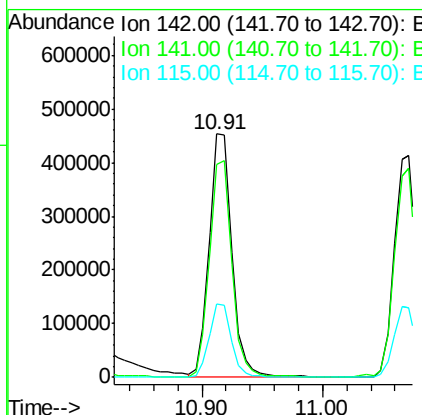
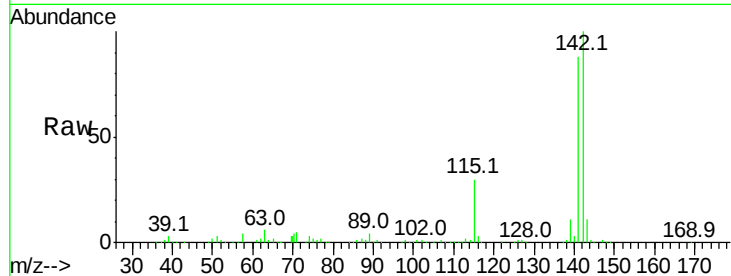




#37
 2-Methylnaphthalene
 Concen: 40.90 ng
 RT: 10.91 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF095526.D
 Acq: 28 May 2017 8:15

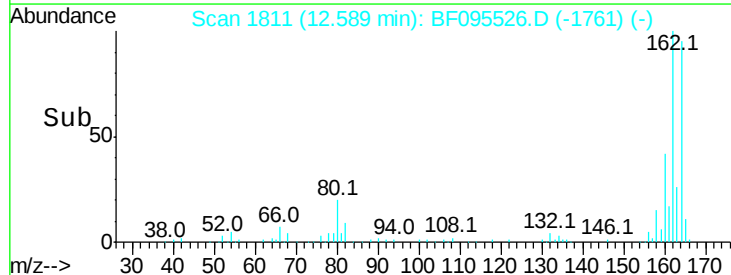
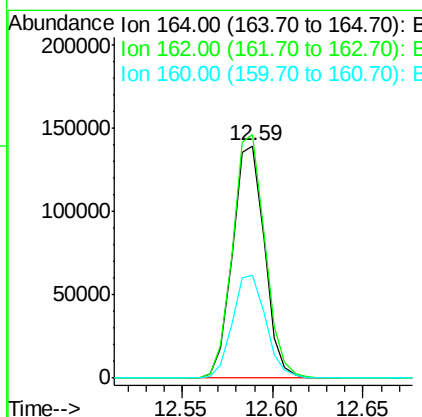
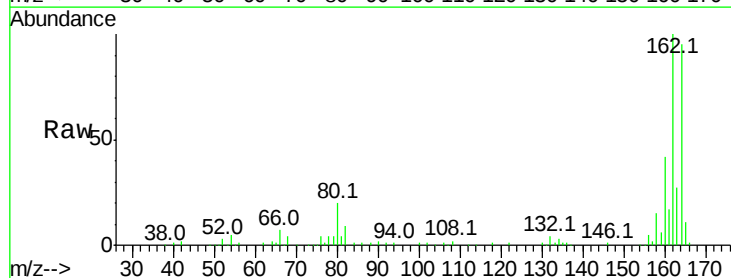
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 589822
 Ion Ratio Lower Upper
 142 100
 141 87.7 71.3 106.9
 115 30.1 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.59 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BF095526.D
 Acq: 28 May 2017 8:15

Tgt Ion:164 Resp: 171208
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.6 123.8
 160 44.3 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.76 ng

RT: 11.20 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 240908

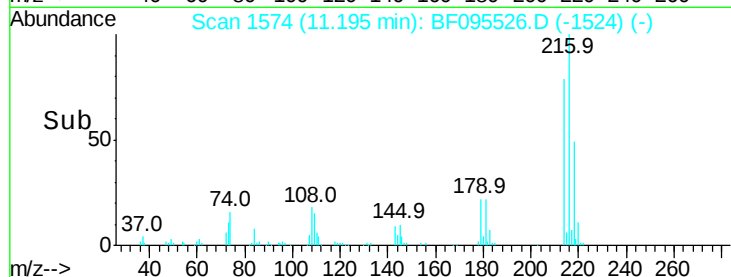
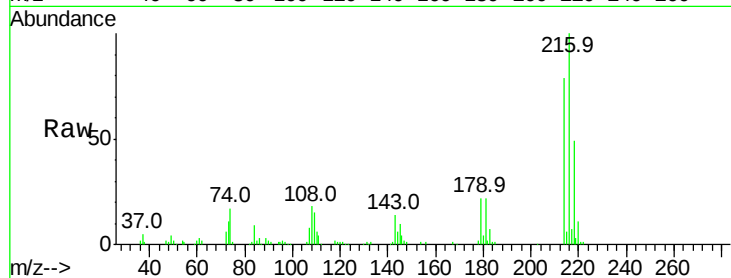
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.2

179 21.5 17.9 26.9

108 17.6 16.5 24.7

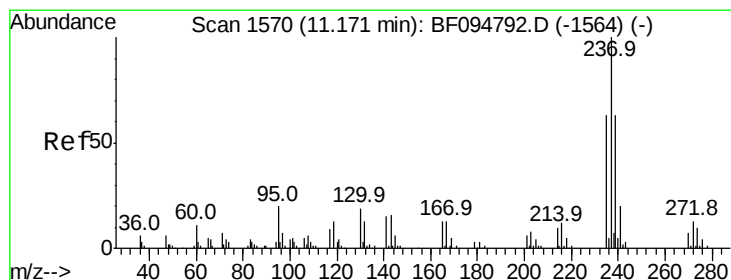
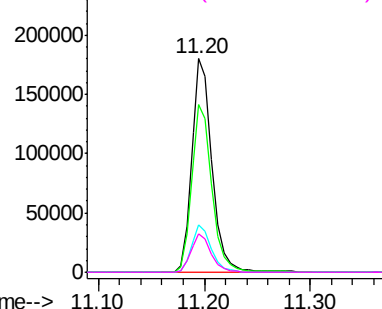


Abundance Ion 216.00 (215.70 to 216.70): E

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: 9.15 ng

RT: 11.16 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

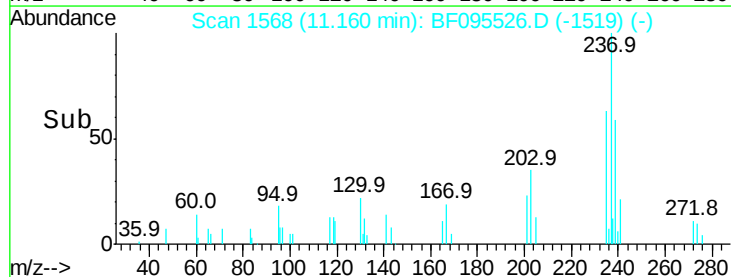
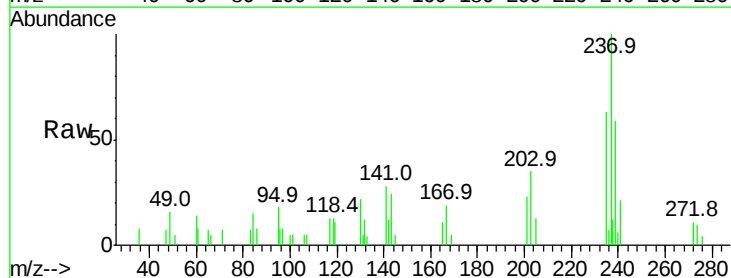
Tgt Ion:237 Resp: 7404

Ion Ratio Lower Upper

237 100

235 63.0 42.6 82.6

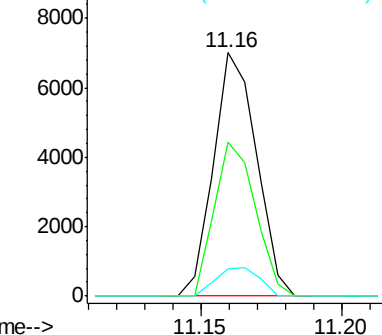
272 11.2 0.0 31.9



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

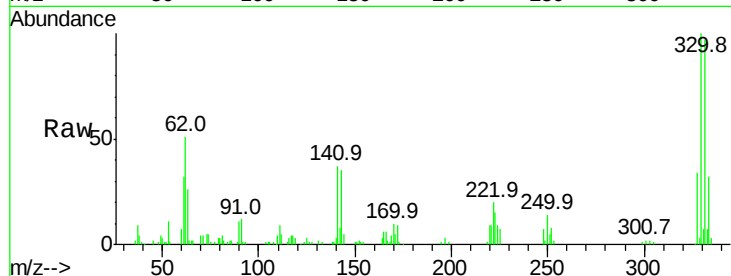




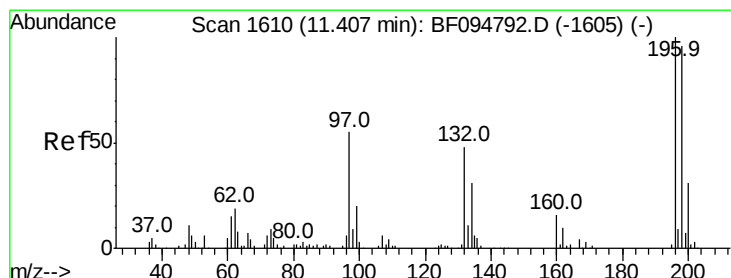
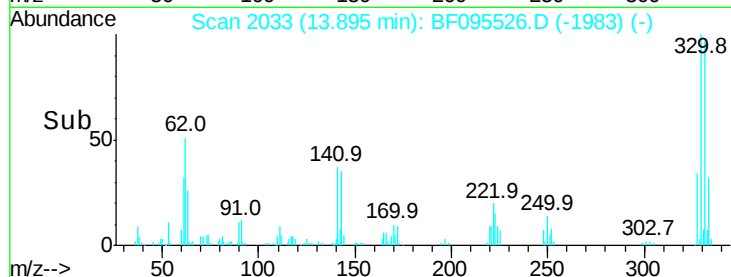
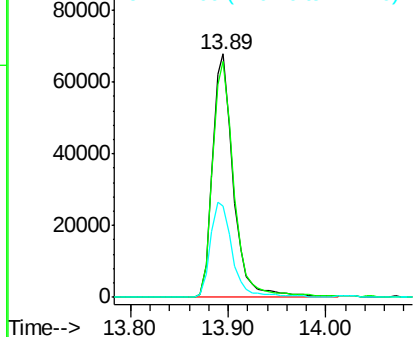
#41
 2,4,6-Tribromophenol
 Concen: 71.93 ng
 RT: 13.89 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF095526.D
 Acq: 28 May 2017 8:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	76.6	115.0
141	40.9	31.4	47.2

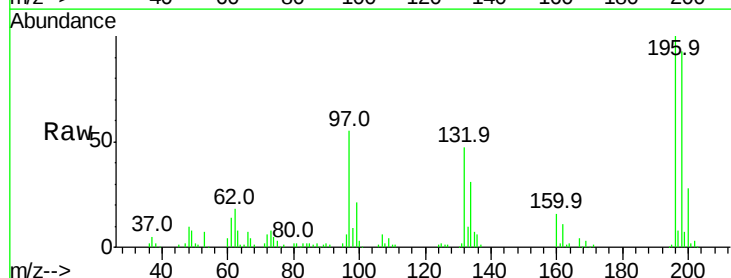


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

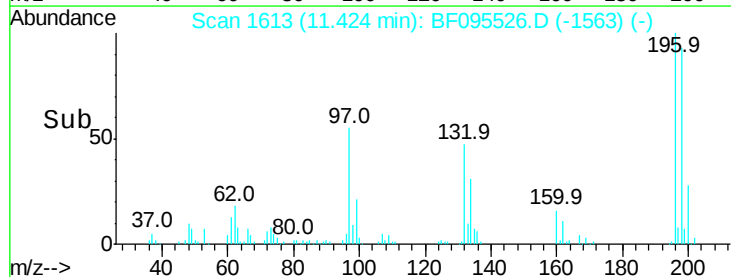
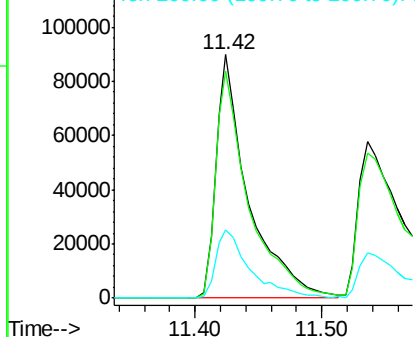


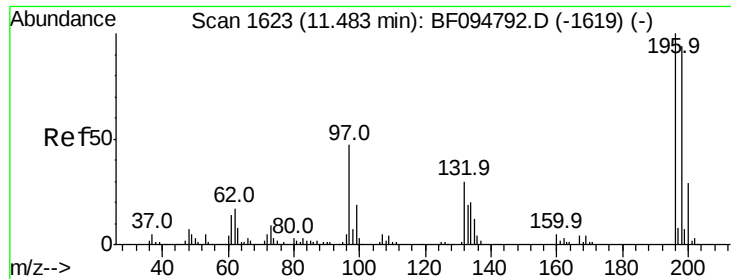
#42
 2,4,6-Trichlorophenol
 Concen: 45.51 ng
 RT: 11.42 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF095526.D
 Acq: 28 May 2017 8:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.0	74.2	111.4
200	28.3	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

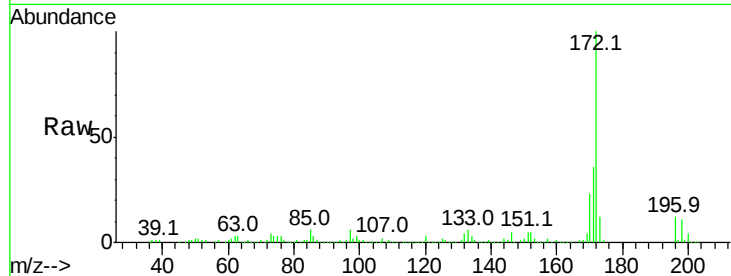




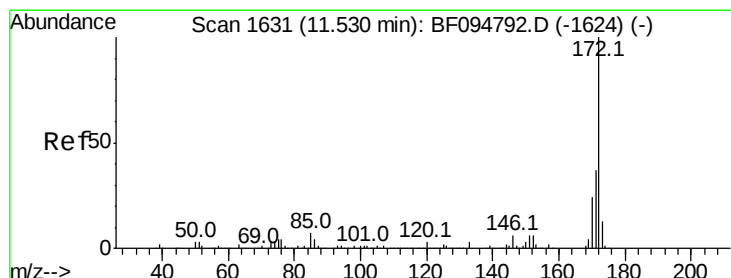
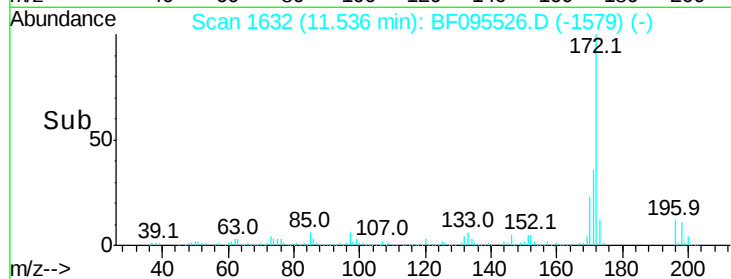
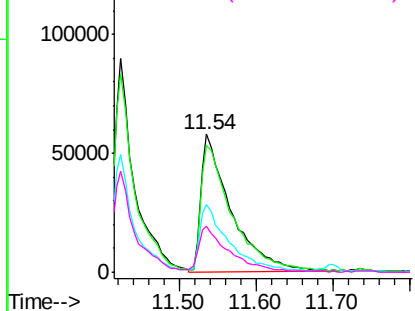
#43
 2,4,5-Trichlorophenol
 Concen: 41.06 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.01 min
 Lab File: BF095526.D
 Acq: 28 May 2017 8:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
196	100	155152		
198	92.2	75.7	113.5	
97	49.1	47.7	71.5	
132	33.2	28.0	42.0	

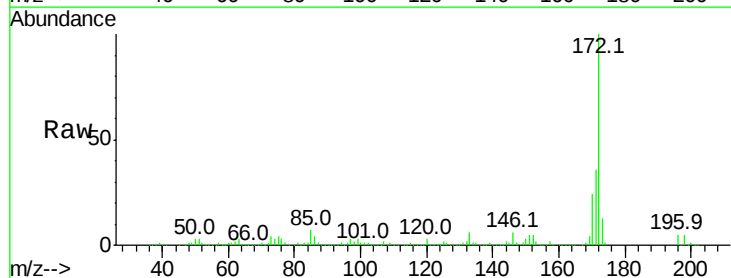


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

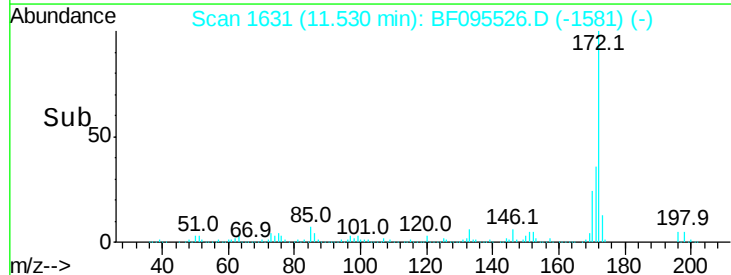
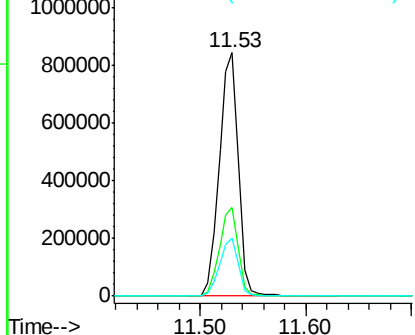


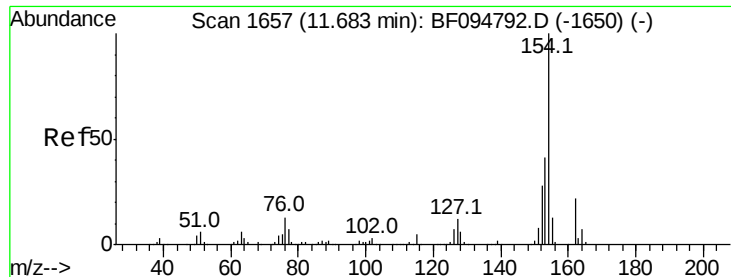
#44
 2-Fluorobiphenyl
 Concen: 89.71 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095526.D
 Acq: 28 May 2017 8:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1067072		
171	36.4	29.6	44.4	
170	24.1	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

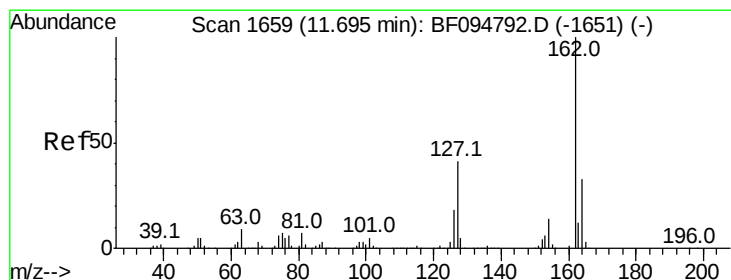
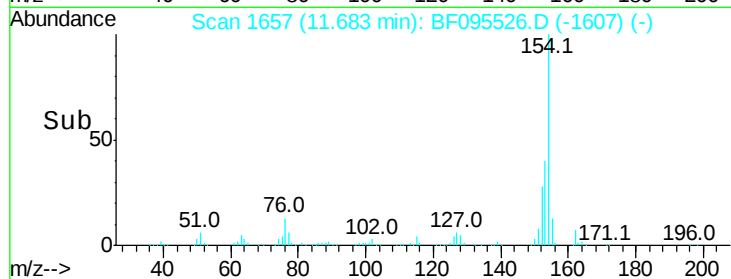
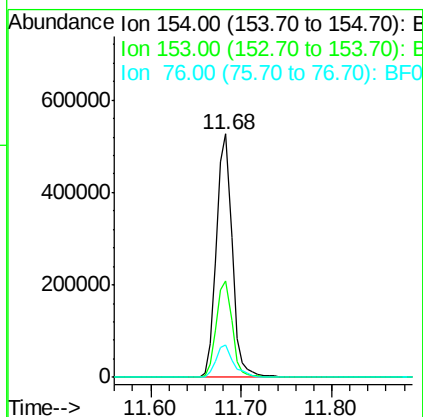
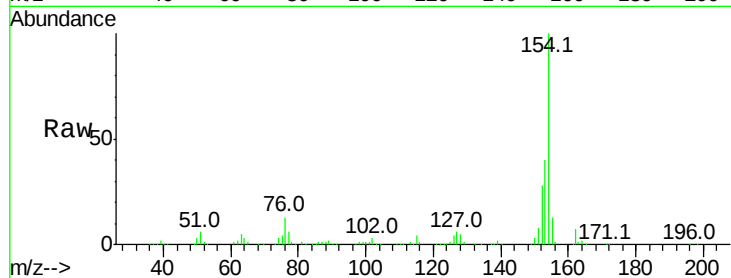




#45
 1,1'-Biphenyl
 Concen: 43.97 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BF095526.D
 Acq: 28 May 2017 8:15

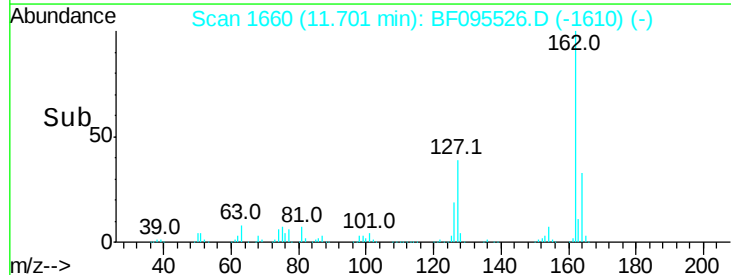
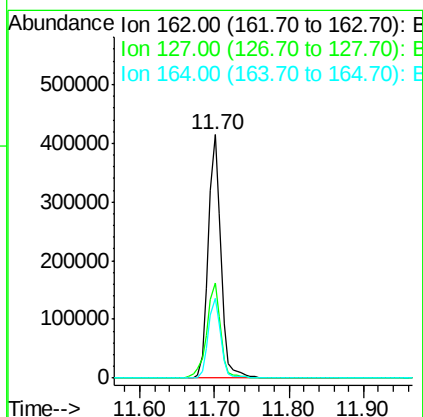
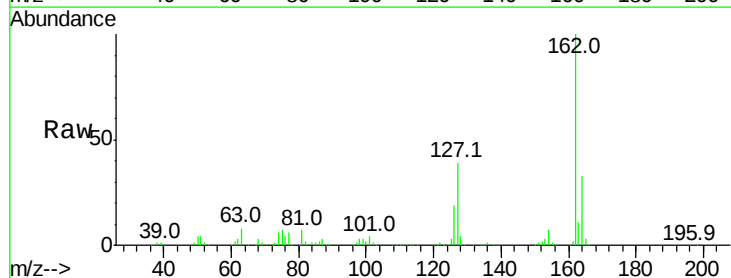
Instrument :
 BNA_F
 ClientSampleId :

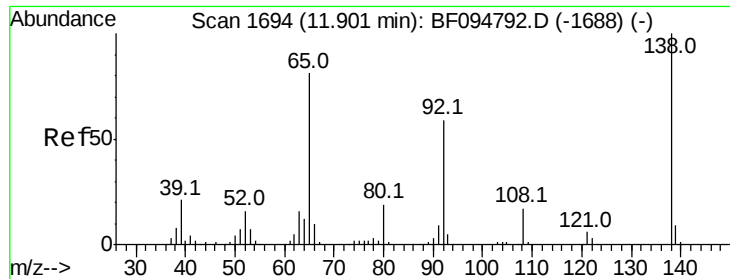
Tot Ion:154 Resp: 633763
 Ion Ratio Lower Upper
 154 100
 153 39.7 21.2 61.2
 76 13.1 0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 41.96 ng
 RT: 11.70 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF095526.D
 Acq: 28 May 2017 8:15

Tgt Ion:162 Resp: 488326
 Ion Ratio Lower Upper
 162 100
 127 39.0 28.3 42.5
 164 33.0 27.0 40.4

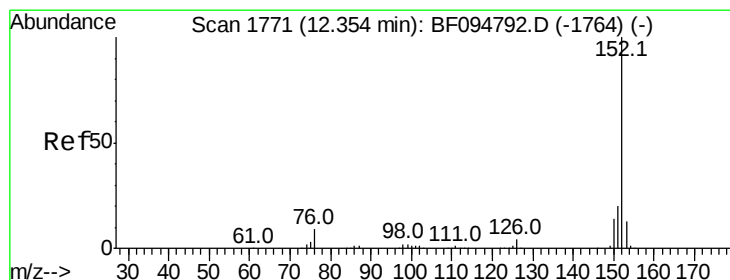
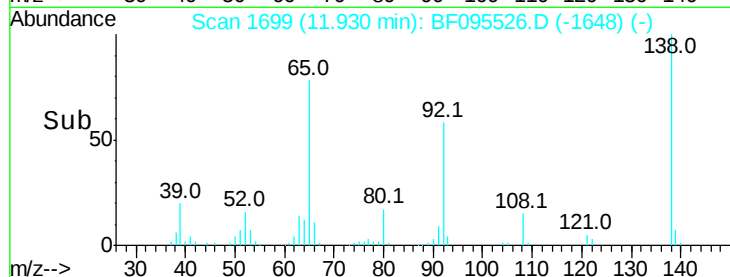
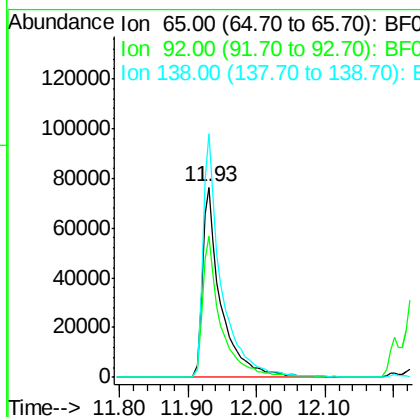
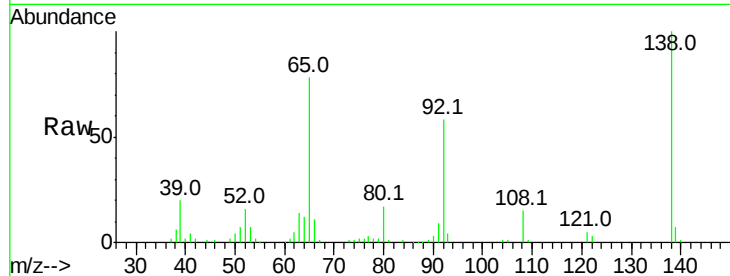




#47
 2-Nitroaniline
 Concen: 45.29 ng
 RT: 11.93 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BF095526.D
 Acq: 28 May 2017 8:15

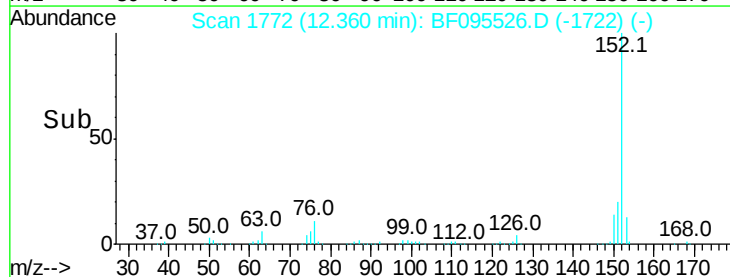
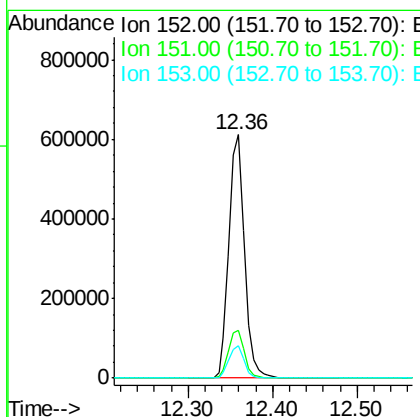
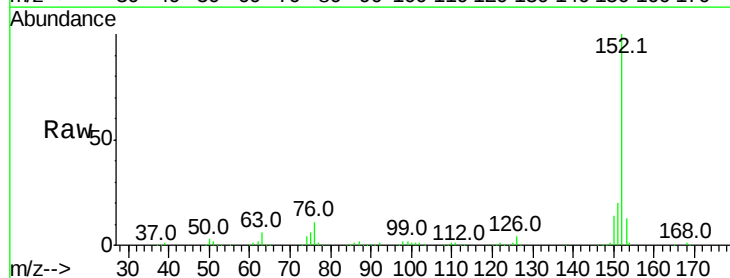
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 65 Resp: 144295
 Ion Ratio Lower Upper
 65 100
 92 74.6 53.9 80.9
 138 128.2 78.8 118.2#



#48
 Acenaphthylene
 Concen: 42.69 ng
 RT: 12.36 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BF095526.D
 Acq: 28 May 2017 8:15

Tgt Ion: 152 Resp: 778242
 Ion Ratio Lower Upper
 152 100
 151 19.7 16.8 25.2
 153 13.2 10.8 16.2





#49

Dimethylphthalate

Concen: 44.19 ng

RT: 12.23 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

Instrument :

BNA_F

ClientSampleId :

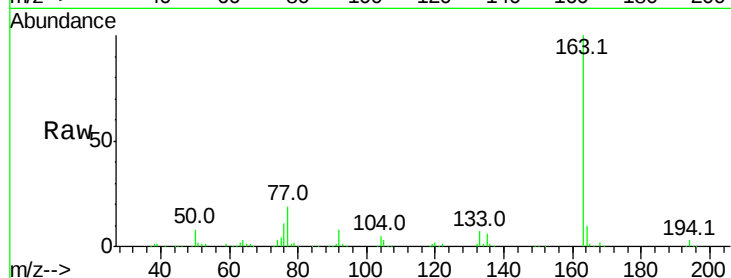
Tot Ion:163 Resp: 621161

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

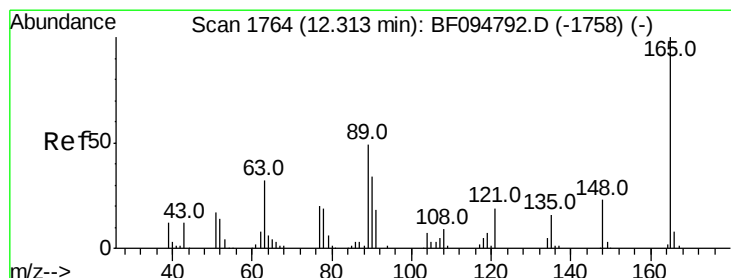
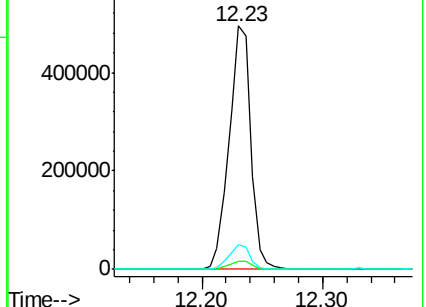
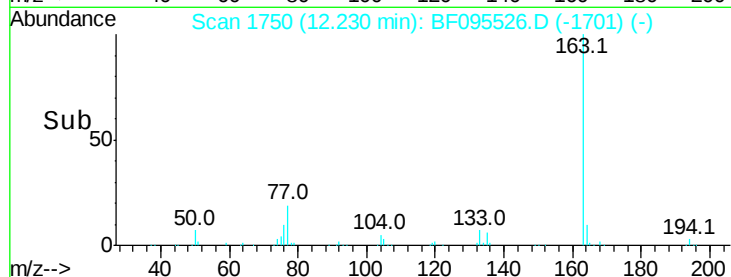
164 10.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.60 ng

RT: 12.33 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

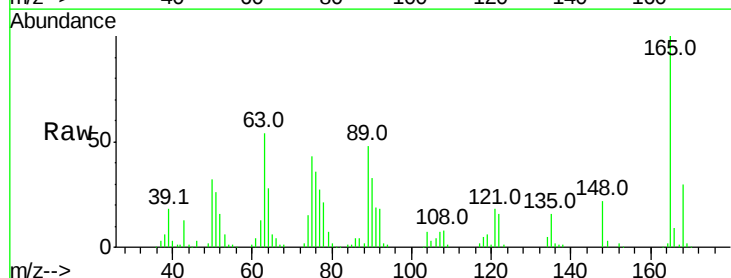
Tgt Ion:165 Resp: 122166

Ion Ratio Lower Upper

165 100

63 53.7 34.3 51.5#

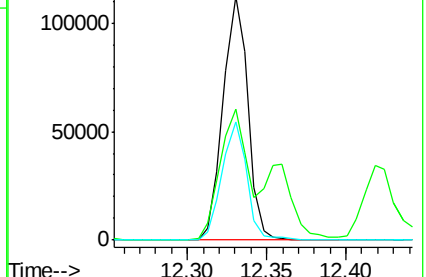
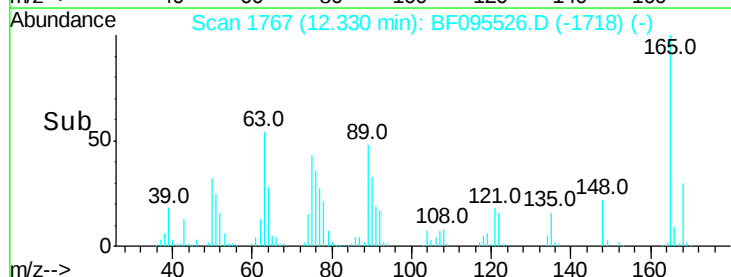
89 48.5 37.1 55.7



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: 40.93 ng

RT: 12.64 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

Instrument :

BNA_F

ClientSampled :

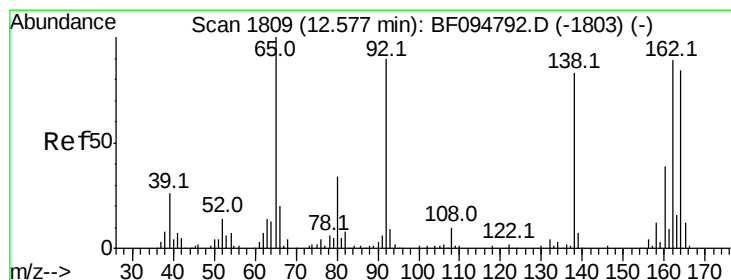
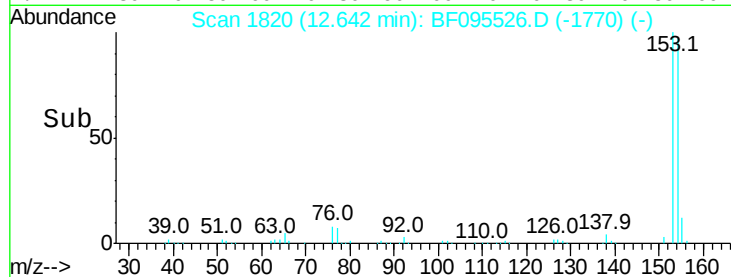
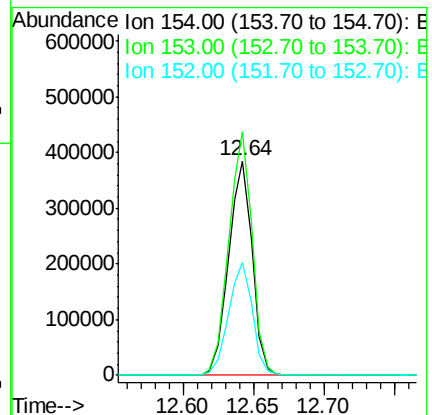
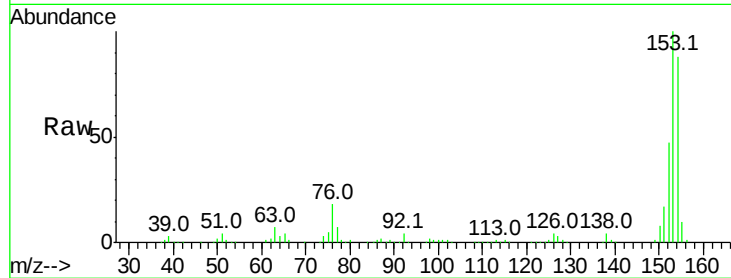
Tot Ion:154 Resp: 445712

Ion Ratio Lower Upper

154 100

153 113.6 90.5 135.7

152 53.0 43.6 65.4



#52

3-Nitroaniline

Concen: 43.58 ng

RT: 12.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

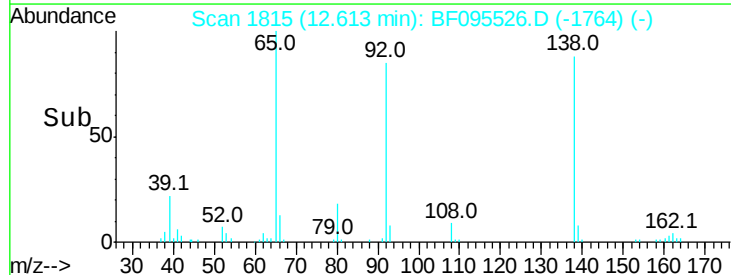
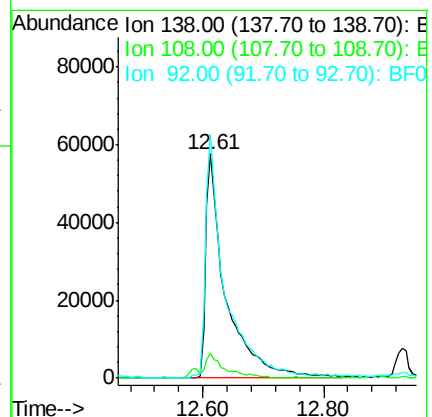
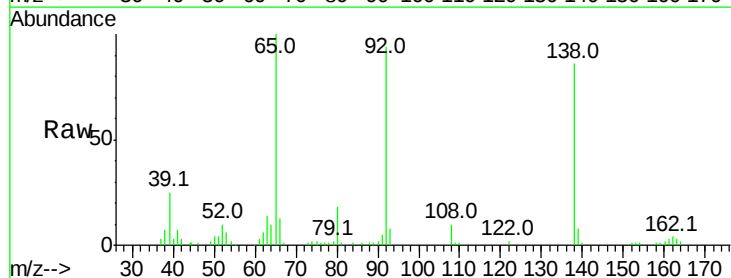
Tgt Ion:138 Resp: 134118

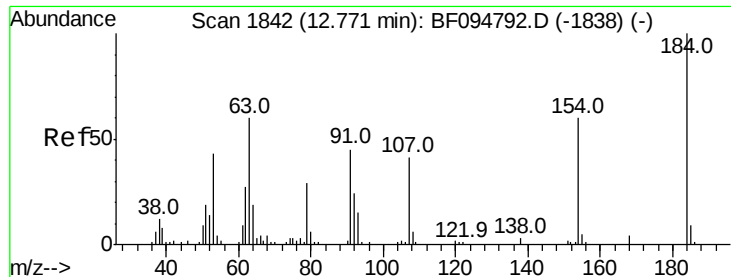
Ion Ratio Lower Upper

138 100

108 11.0 9.1 13.7

92 108.5 93.8 140.6

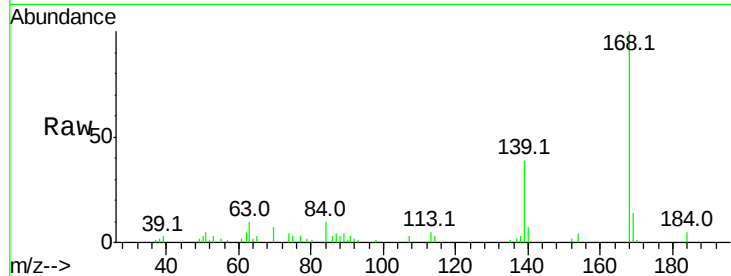




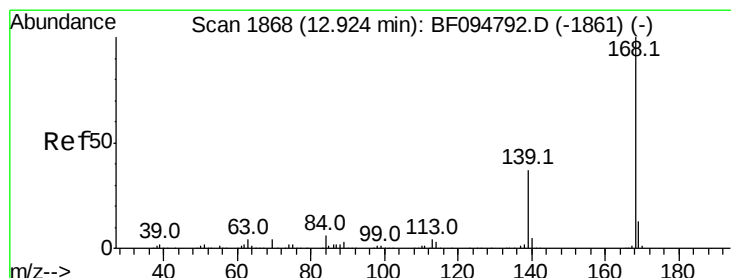
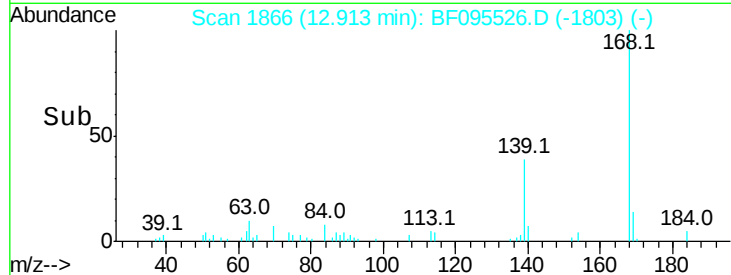
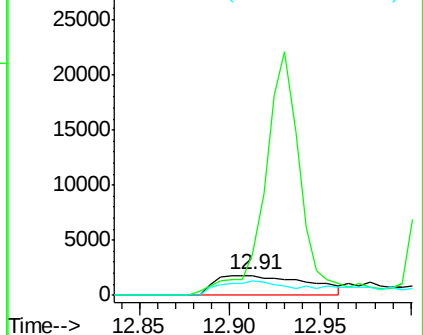
#53
 2,4-Dinitrophenol
 Concen: 9.96 ng
 RT: 12.91 min Scan# 1866
 Delta R.T. 0.07 min
 Lab File: BF095526.D
 Acq: 28 May 2017 8:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 6364
 Ion Ratio Lower Upper
 184 100
 63 209.9 62.7 94.1#
 154 71.1 81.1 121.7#

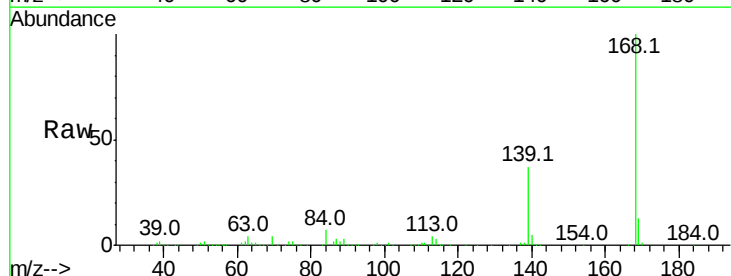


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

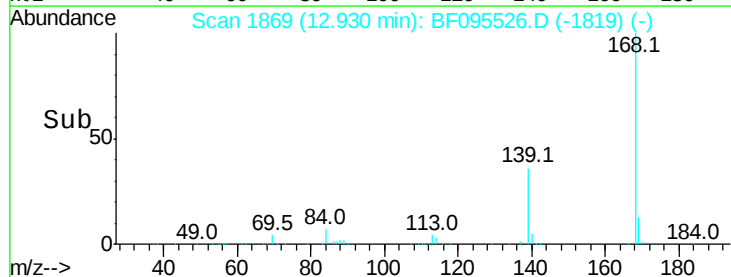
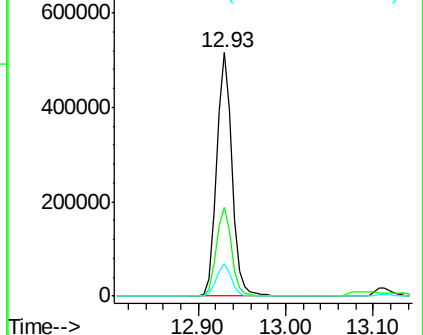


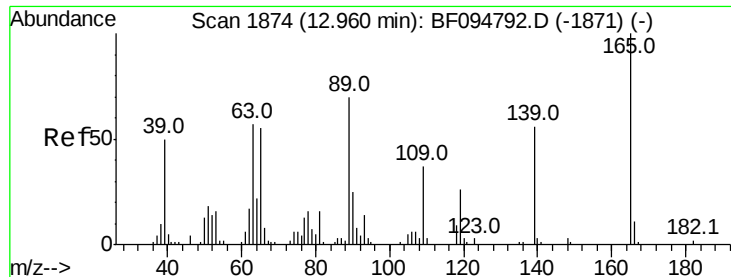
#54
 Dibenzofuran
 Concen: 41.69 ng
 RT: 12.93 min Scan# 1869
 Delta R.T. -0.01 min
 Lab File: BF095526.D
 Acq: 28 May 2017 8:15

Tgt Ion:168 Resp: 628272
 Ion Ratio Lower Upper
 168 100
 139 36.7 30.6 45.8
 169 13.5 10.8 16.2



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

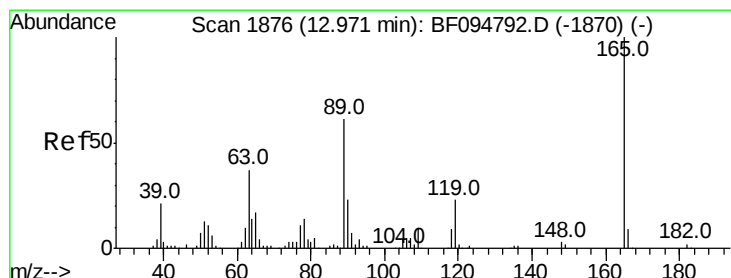
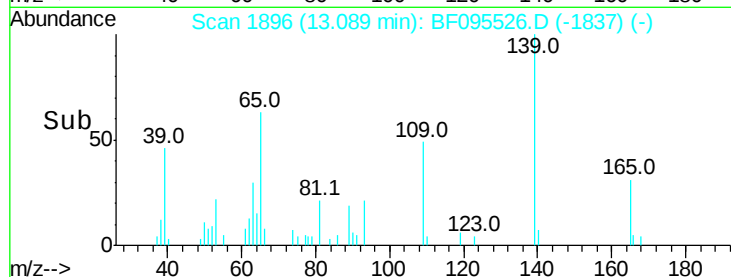
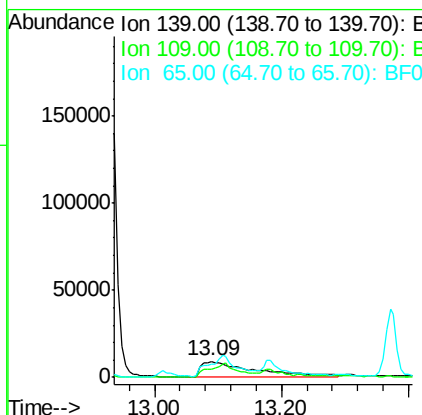
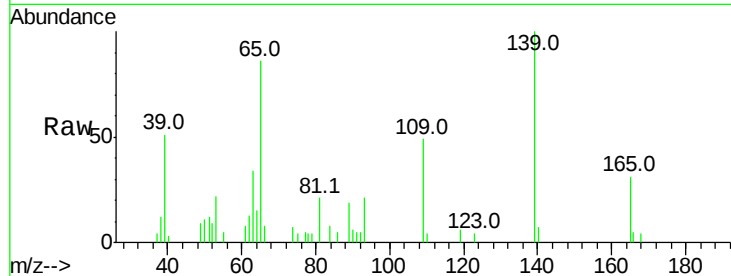




#55
4-Nitrophenol
Concen: 29.84 ng
RT: 13.09 min Scan# 1896
Delta R.T. 0.05 min
Lab File: BF095526.D
Acq: 28 May 2017 8:15

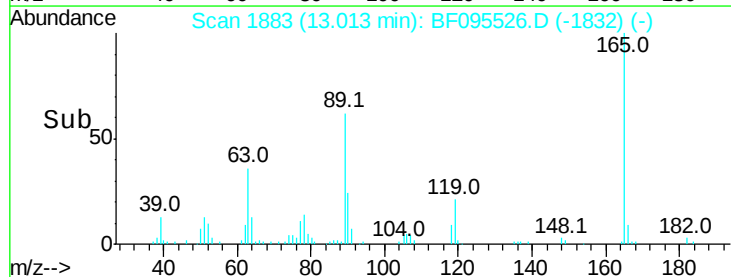
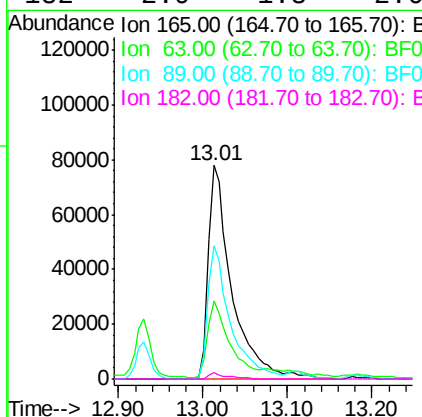
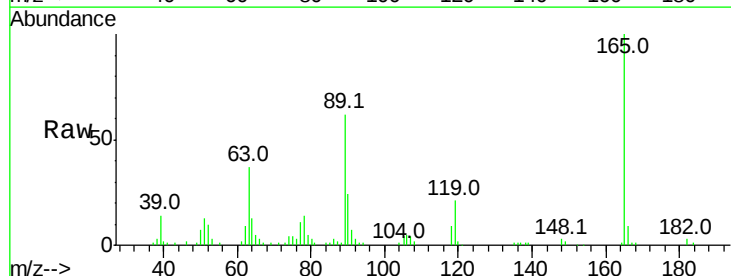
Instrument :
BNA_F
ClientSampleId :

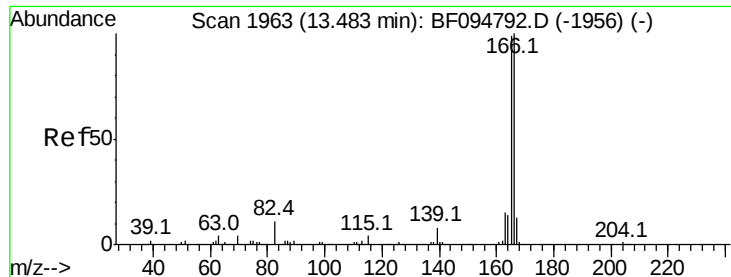
Tot Ion:139 Resp: 55150
Ion Ratio Lower Upper
139 100
109 49.3 34.1 74.1
65 85.8 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 41.44 ng
RT: 13.01 min Scan# 1883
Delta R.T. 0.00 min
Lab File: BF095526.D
Acq: 28 May 2017 8:15

Tgt Ion:165 Resp: 152701
Ion Ratio Lower Upper
165 100
63 36.6 25.4 38.0
89 62.1 46.4 69.6
182 2.9 1.8 2.6#

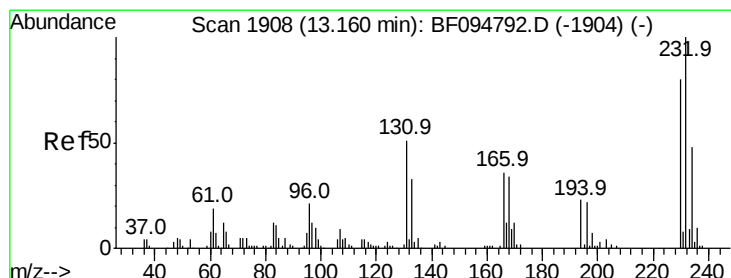
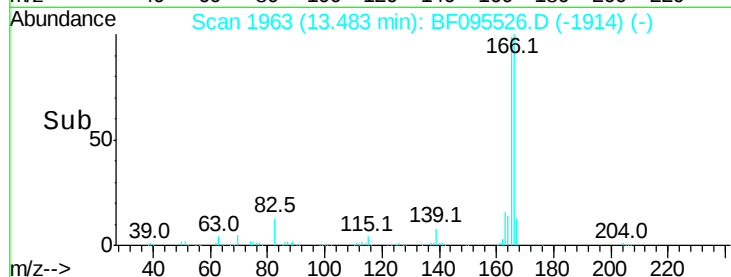
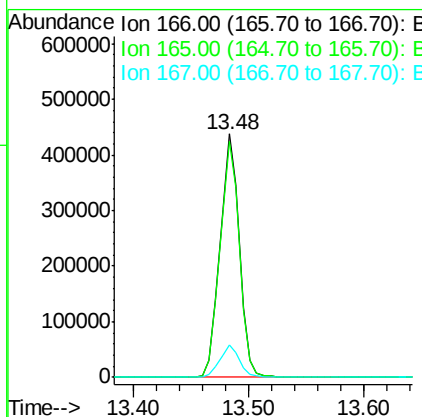
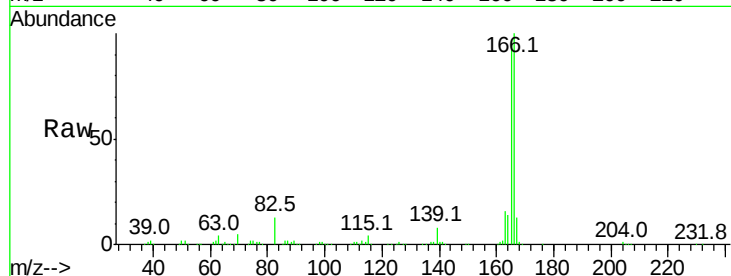




#57
 Fluorene
 Concen: 38.67 ng
 RT: 13.48 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: BF095526.D
 Acq: 28 May 2017 8:15

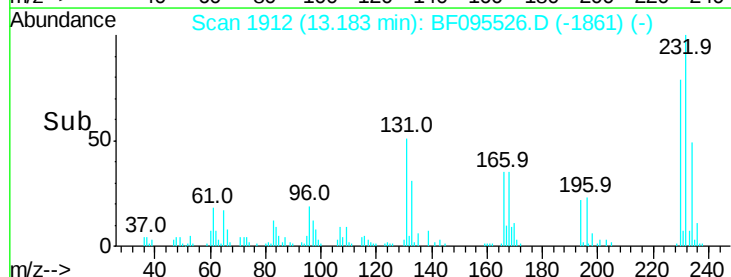
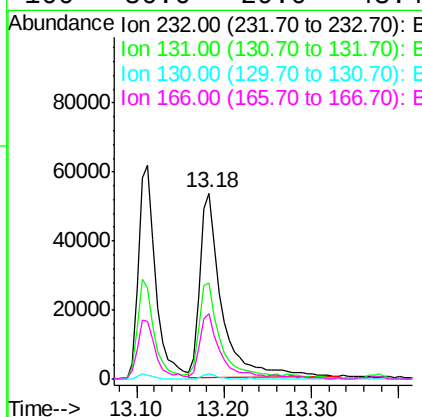
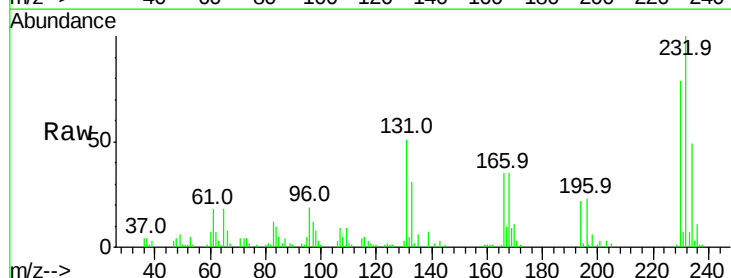
Instrument :
 BNA_F
 ClientSampled :

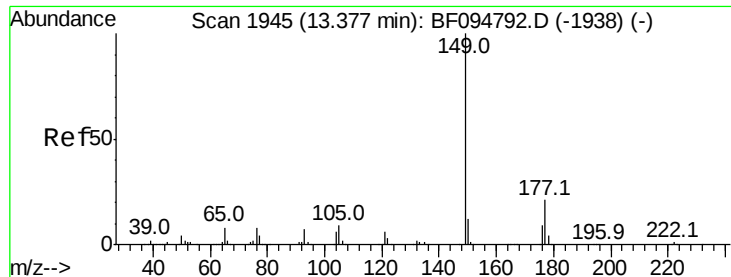
Tot Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.8	118.2
167	13.2	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.50 ng
 RT: 13.18 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: BF095526.D
 Acq: 28 May 2017 8:15

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.5	44.8	67.2
130	2.0	2.3	3.5#
166	36.6	29.0	43.4

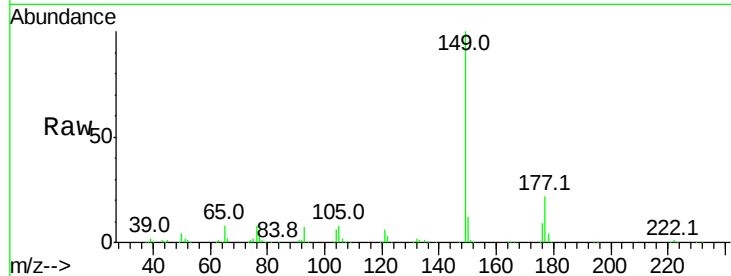




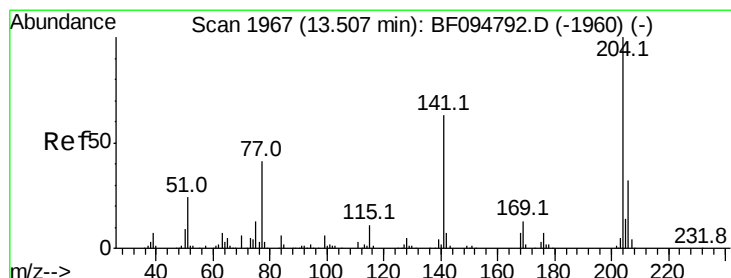
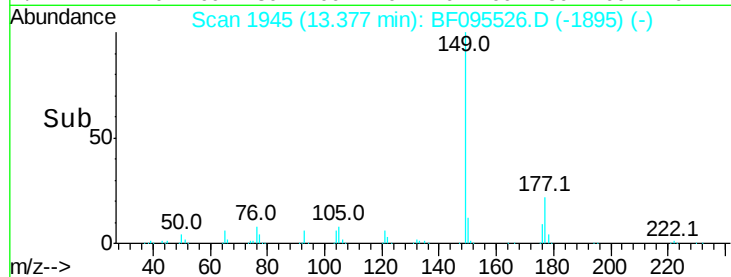
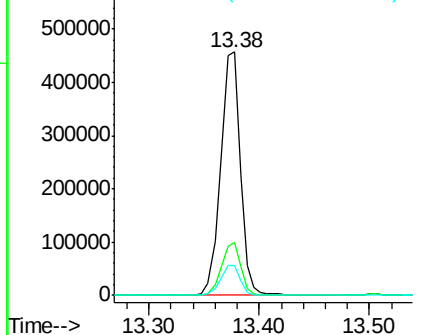
#59
Diethylphthalate
Concen: 42.52 ng
RT: 13.38 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BF095526.D
Acq: 28 May 2017 8:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.7	25.1
150	12.1	10.2	15.2

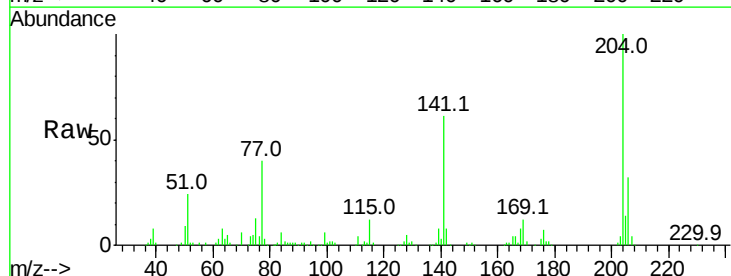


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

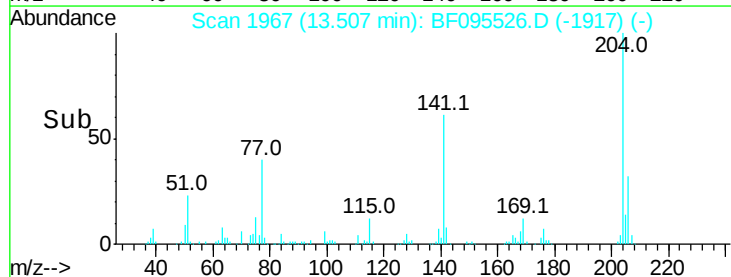
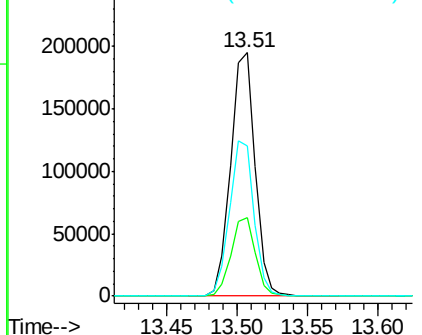


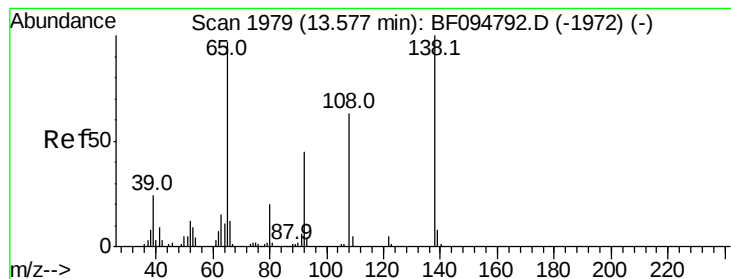
#60
4-Chlorophenyl-phenylether
Concen: 40.87 ng
RT: 13.51 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BF095526.D
Acq: 28 May 2017 8:15

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.2	39.2
141	61.5	60.8	91.2



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





#61

4-Nitroaniline

Concen: 36.43 ng

RT: 13.62 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

Instrument :

BNA_F

ClientSampleId :

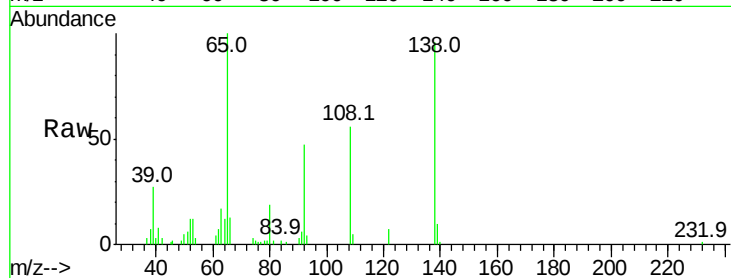
Tot Ion:138 Resp: 102921

Ion Ratio Lower Upper

138 100

92 48.5 21.8 61.8

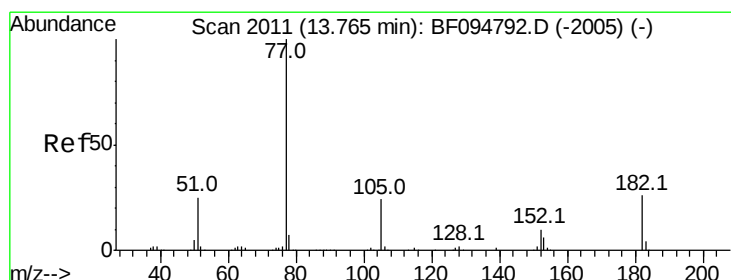
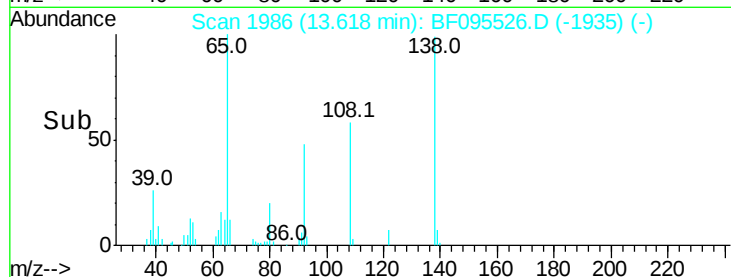
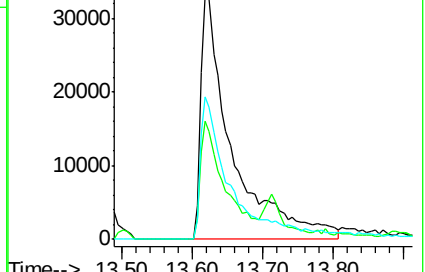
108 58.7 42.3 82.3



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: 40.28 ng

RT: 13.77 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

Tgt Ion: 77 Resp: 436003

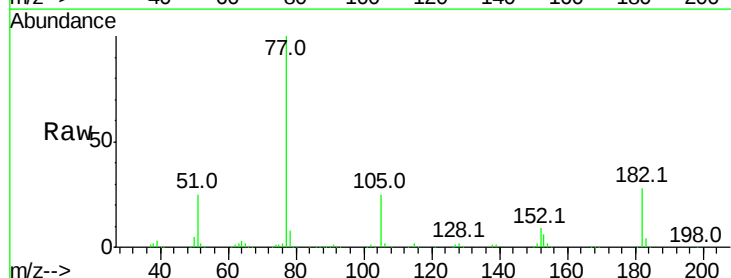
Ion Ratio Lower Upper

77 100

182 27.6 0.1 40.1

105 25.1 3.6 43.6

51 24.7 9.4 49.4

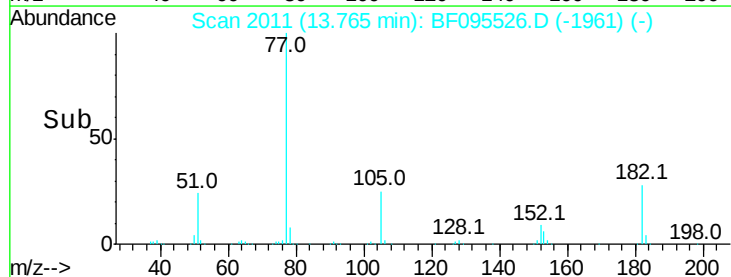
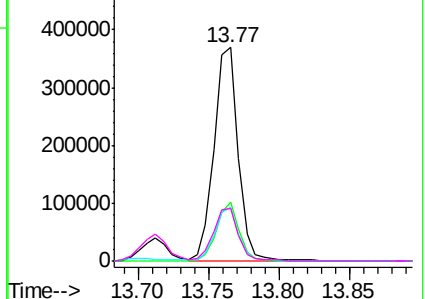


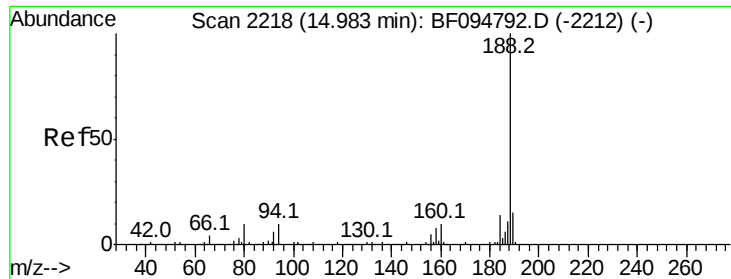
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

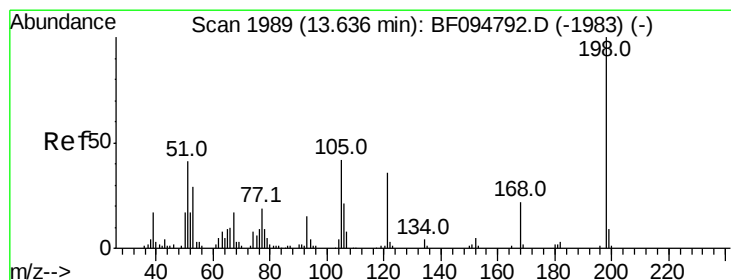
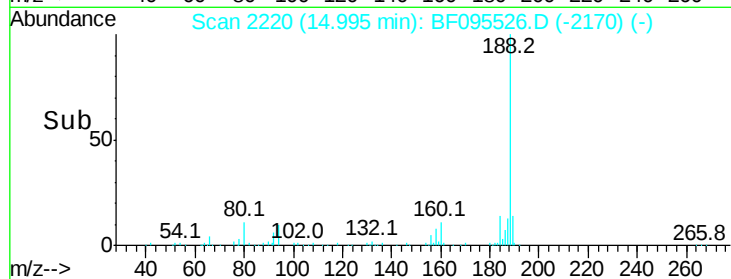
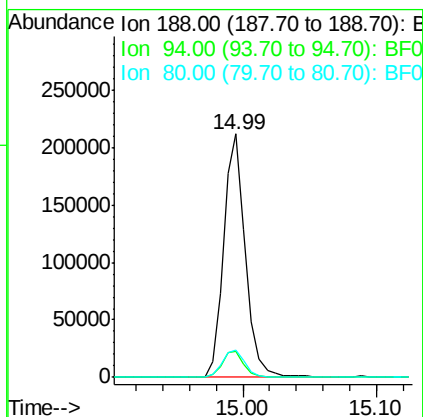
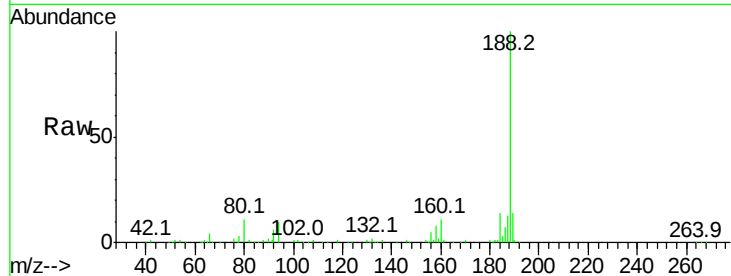




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.99 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF095526.D
Acq: 28 May 2017 8:15

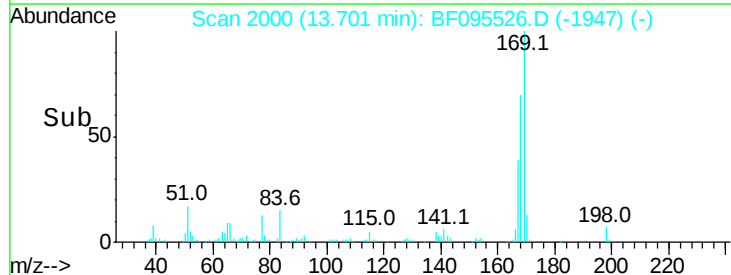
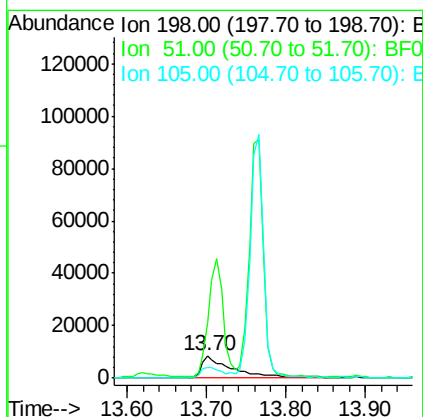
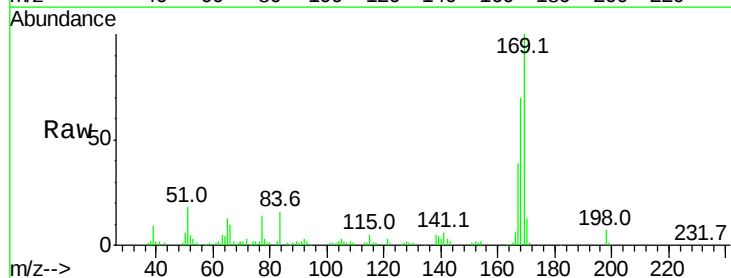
Instrument :
BNA_F
ClientSampleId :

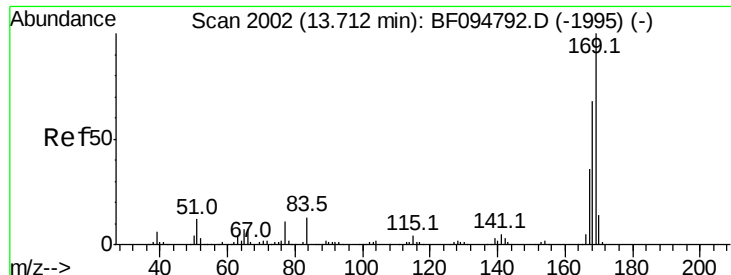
Tot Ion:188 Resp: 242713
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 11.2 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 14.40 ng
RT: 13.70 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BF095526.D
Acq: 28 May 2017 8:15

Tgt Ion:198 Resp: 23437
Ion Ratio Lower Upper
198 100
51 250.2 53.2 93.2#
105 47.8 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 50.13 ng

RT: 13.71 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

Instrument :

BNA_F

ClientSampled :

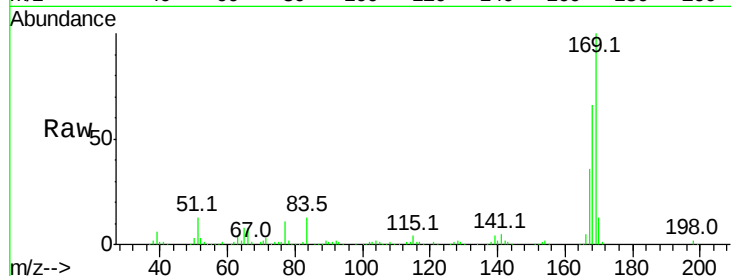
Tot Ion:169 Resp: 441570

Ion Ratio Lower Upper

169 100

168 66.1 53.2 79.8

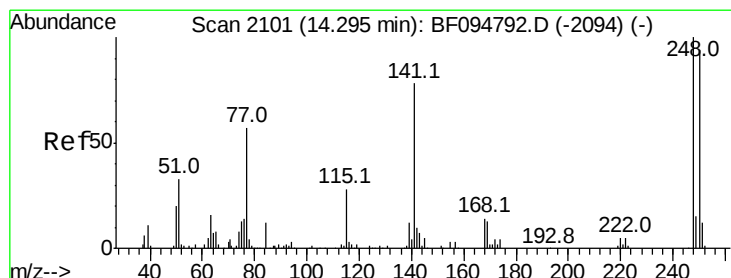
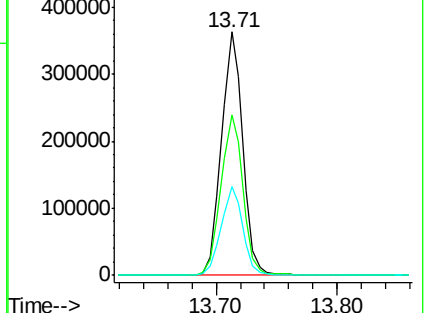
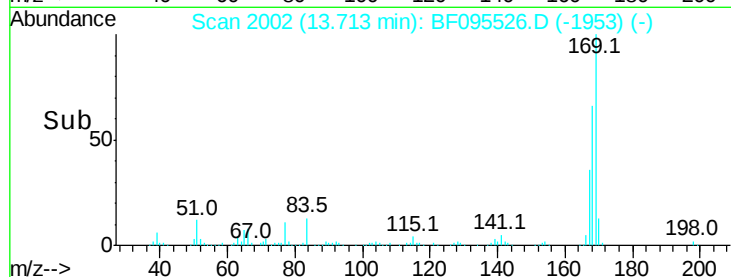
167 36.3 29.5 44.3



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: 46.40 ng

RT: 14.29 min Scan# 2100

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

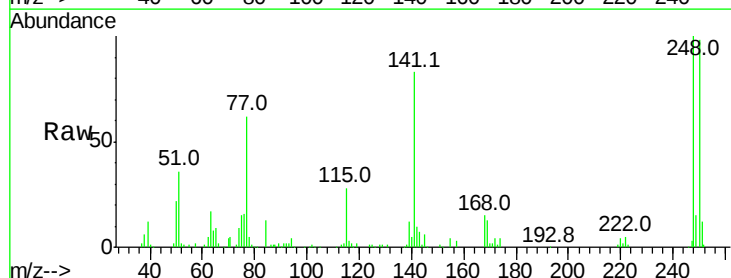
Tgt Ion:248 Resp: 118974

Ion Ratio Lower Upper

248 100

250 97.5 76.8 115.2

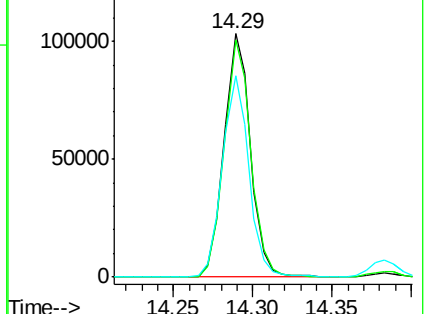
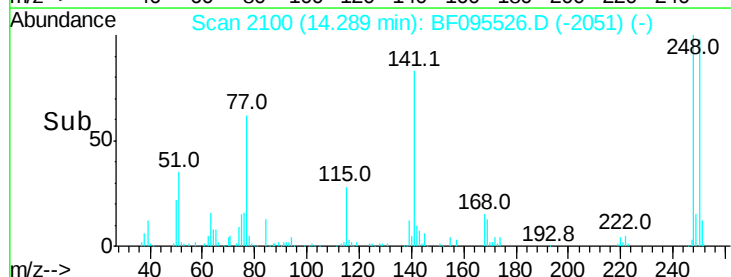
141 82.5 68.6 103.0

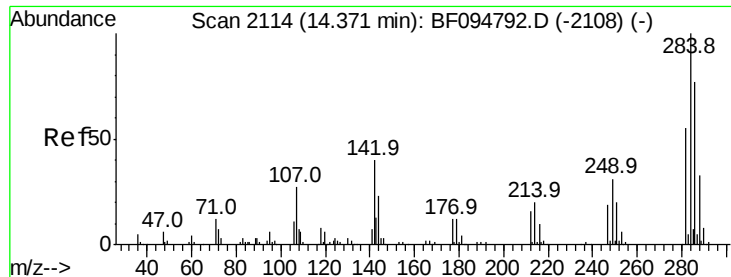


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

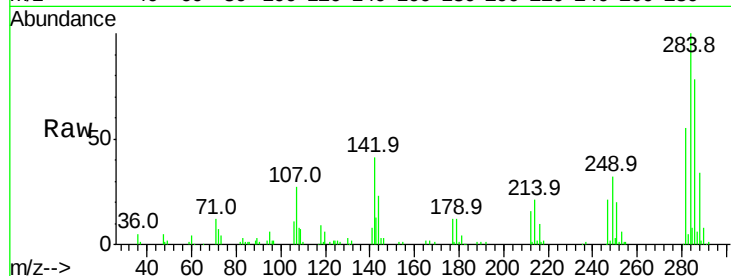




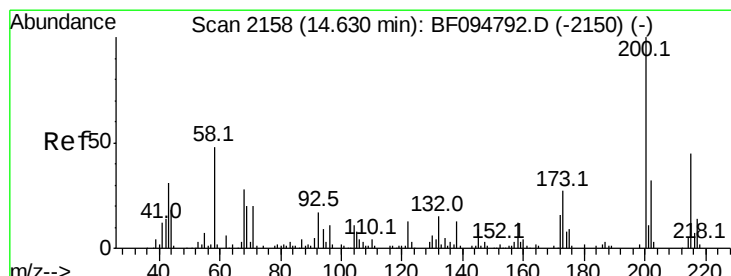
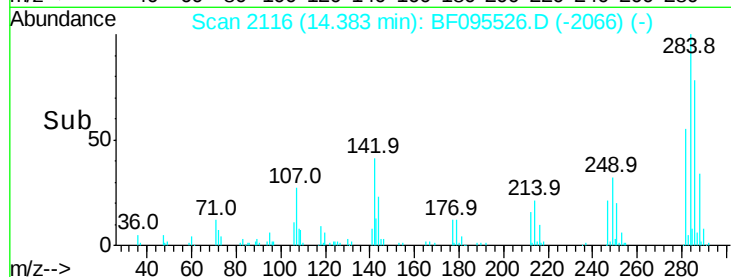
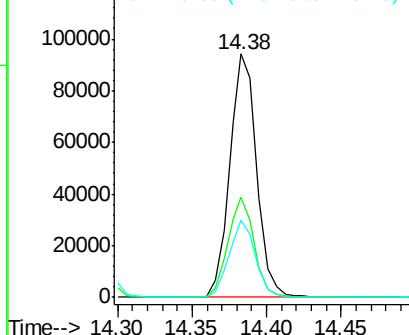
#67
Hexachlorobenzene
Concen: 45.32 ng
RT: 14.38 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BF095526.D
Acq: 28 May 2017 8:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 119107
Ion Ratio Lower Upper
284 100
142 41.1 22.8 34.2#
249 31.9 24.0 36.0

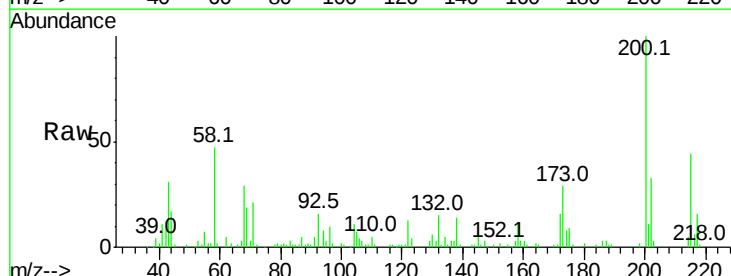


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

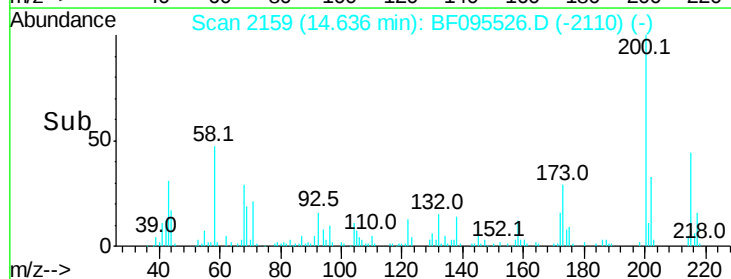
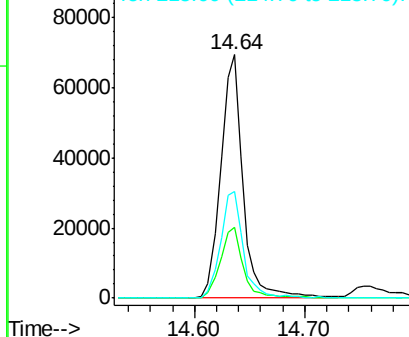


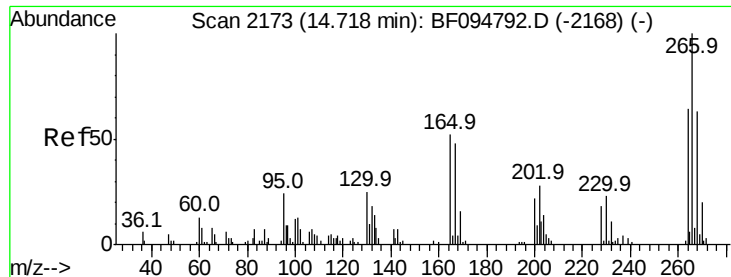
#68
Atrazine
Concen: 39.15 ng
RT: 14.64 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BF095526.D
Acq: 28 May 2017 8:15

Tgt Ion:200 Resp: 97366
Ion Ratio Lower Upper
200 100
173 29.0 6.3 46.3
215 43.9 27.2 67.2



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

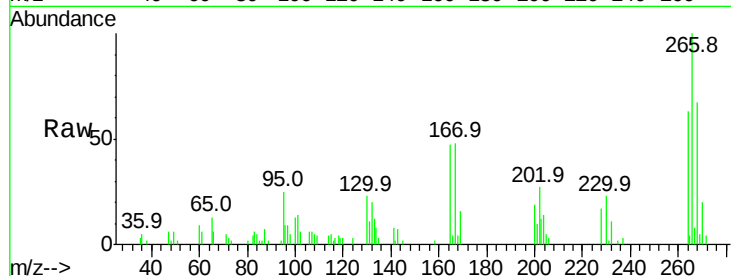




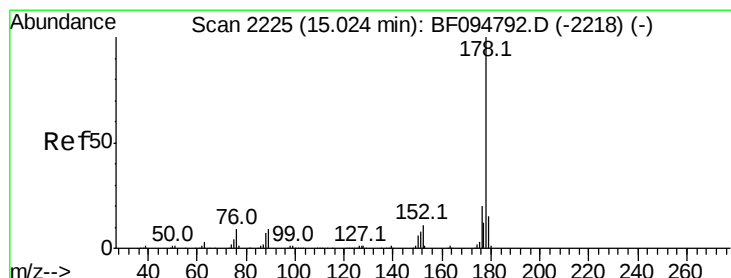
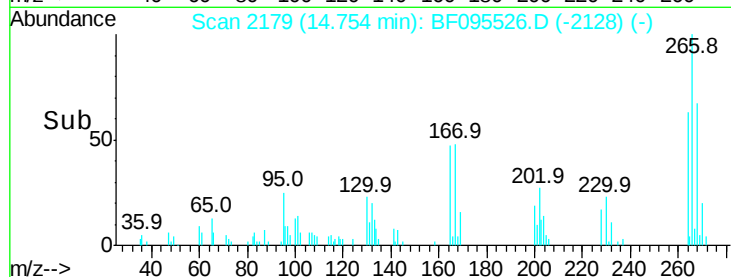
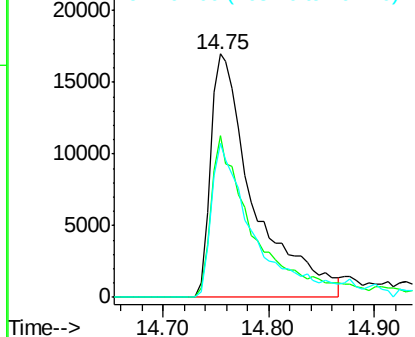
#69
 Pentachlorophenol
 Concen: 43.80 ng
 RT: 14.75 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: BF095526.D
 Acq: 28 May 2017 8:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 48647
 Ion Ratio Lower Upper
 266 100
 268 66.7 51.1 76.7
 264 63.0 51.7 77.5

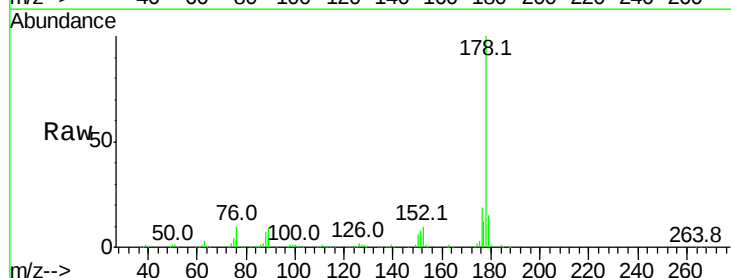


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

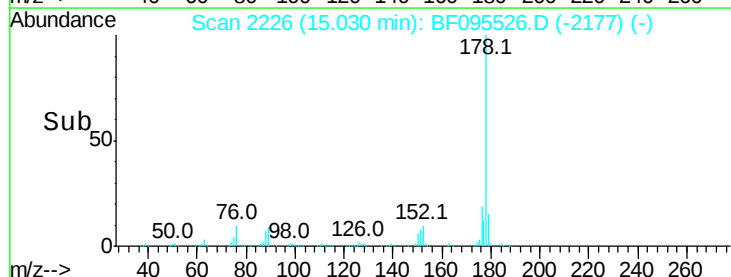
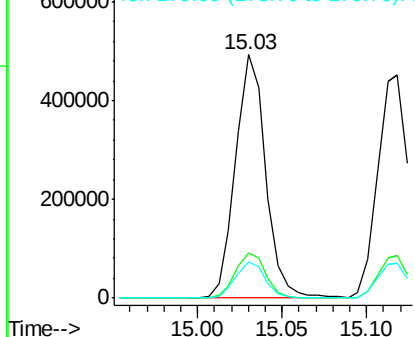


#70
 Phenanthrene
 Concen: 44.20 ng
 RT: 15.03 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BF095526.D
 Acq: 28 May 2017 8:15

Tgt Ion:178 Resp: 616455
 Ion Ratio Lower Upper
 178 100
 176 18.8 16.2 24.4
 179 15.0 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

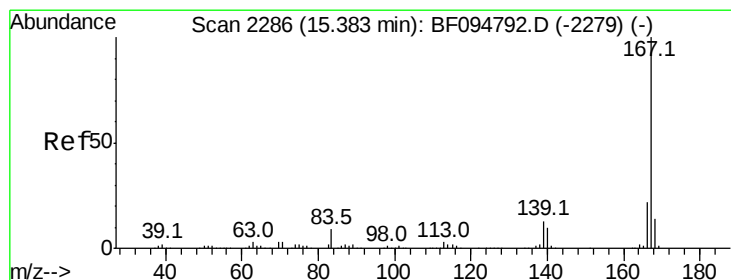
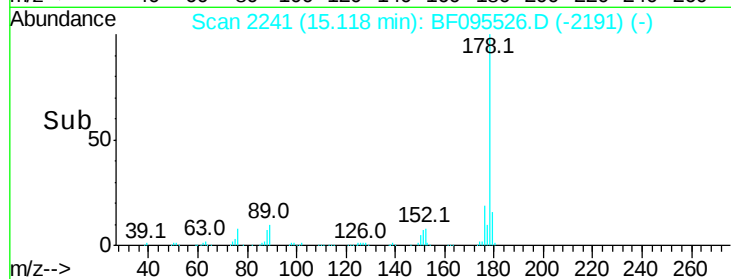
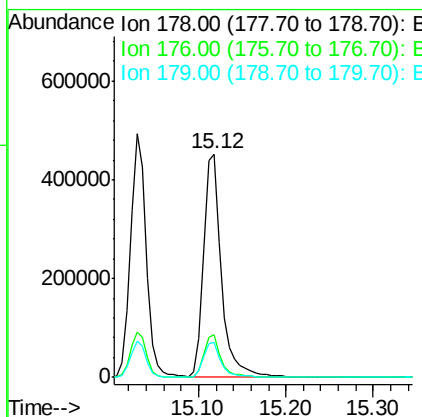
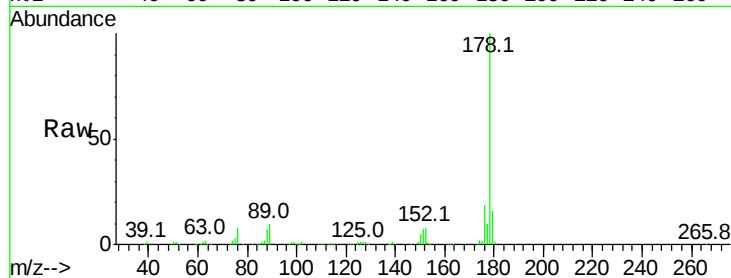




#71
 Anthracene
 Concen: 45.16 ng
 RT: 15.12 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF095526.D
 Acq: 28 May 2017 8:15

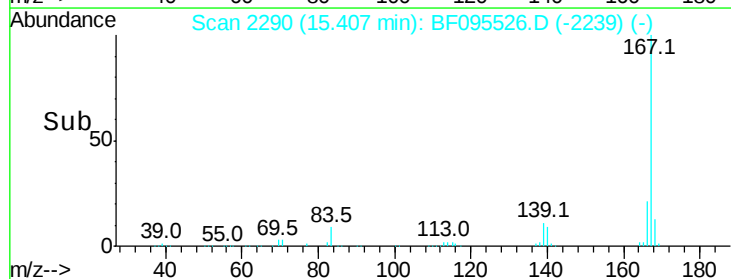
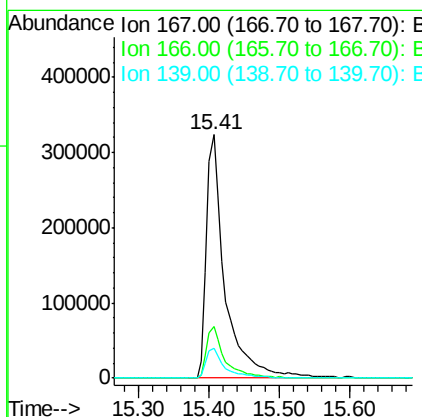
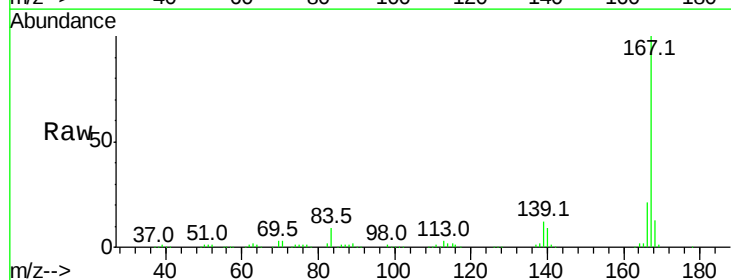
Instrument :
 BNA_F
 ClientSampleId :

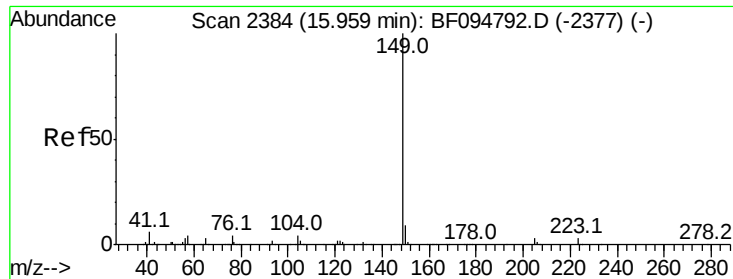
Tot Ion:178 Resp: 643364
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 45.63 ng
 RT: 15.41 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BF095526.D
 Acq: 28 May 2017 8:15

Tgt Ion:167 Resp: 591414
 Ion Ratio Lower Upper
 167 100
 166 21.3 18.1 27.1
 139 12.3 11.7 17.5

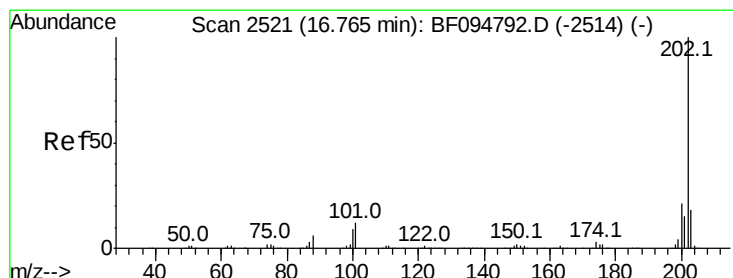
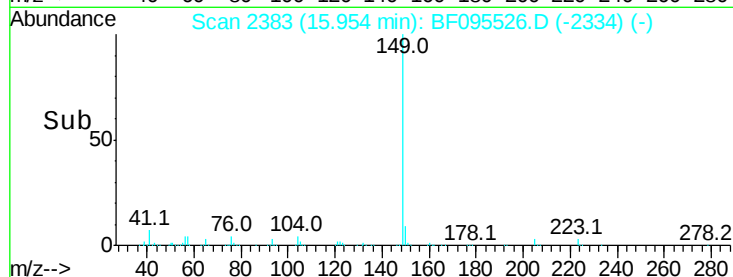
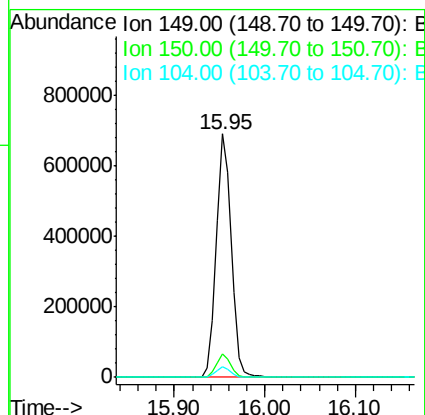
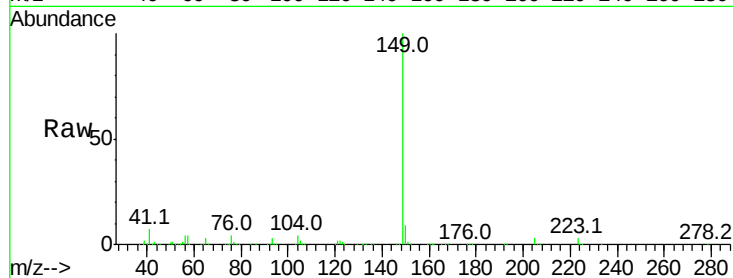




#73
Di-n-butylphthalate
Concen: 49.03 ng
RT: 15.95 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BF095526.D
Acq: 28 May 2017 8:15

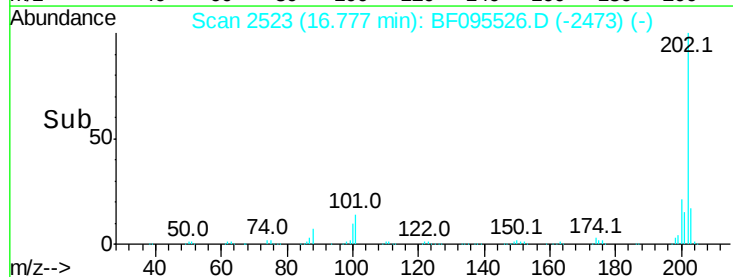
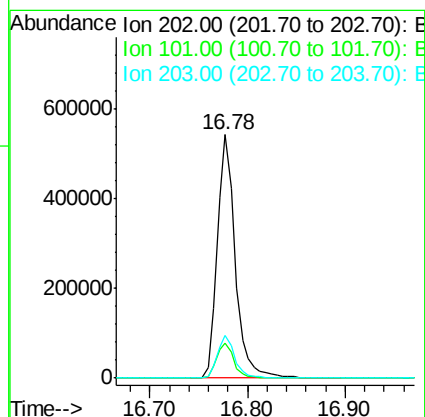
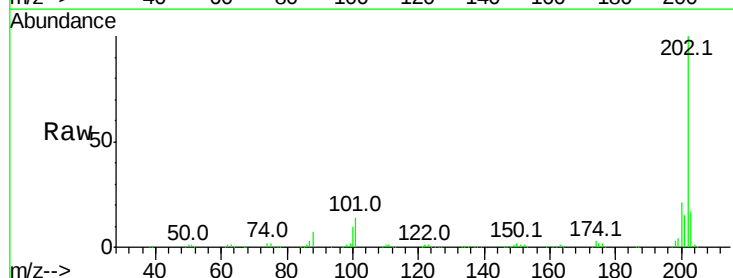
Instrument :
BNA_F
ClientSampleId :

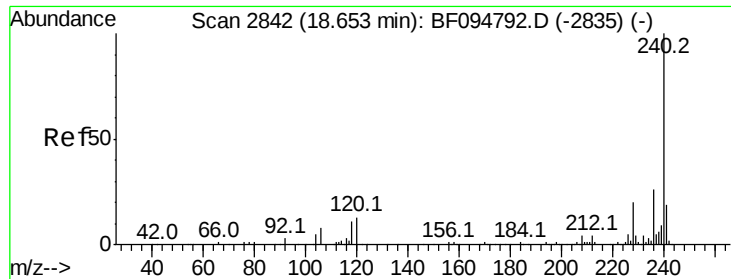
Tot Ion:149 Resp: 792420
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 4.2 4.0 6.0



#74
Fluoranthene
Concen: 48.42 ng
RT: 16.78 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF095526.D
Acq: 28 May 2017 8:15

Tgt Ion:202 Resp: 692730
Ion Ratio Lower Upper
202 100
101 14.1 0.0 33.2
203 17.3 0.0 38.1

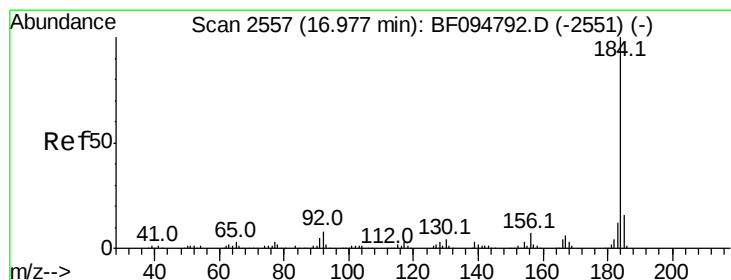
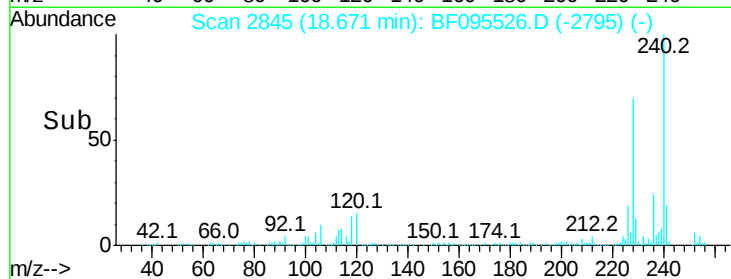
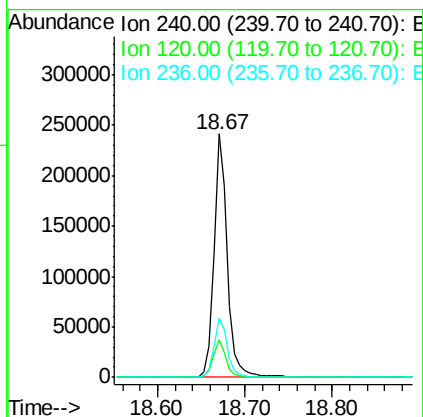
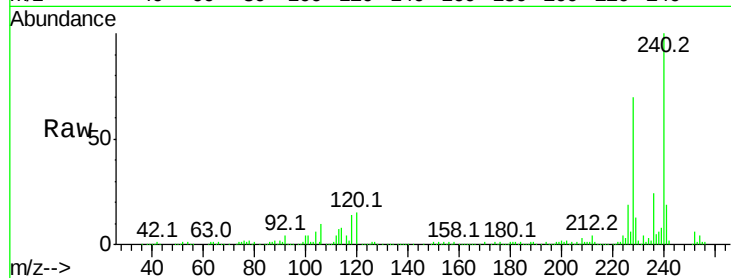




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BF095526.D
 Acq: 28 May 2017 8:15

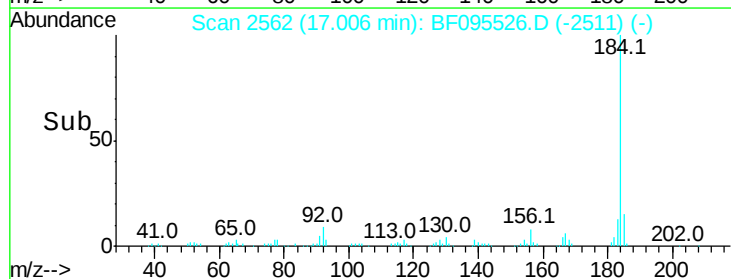
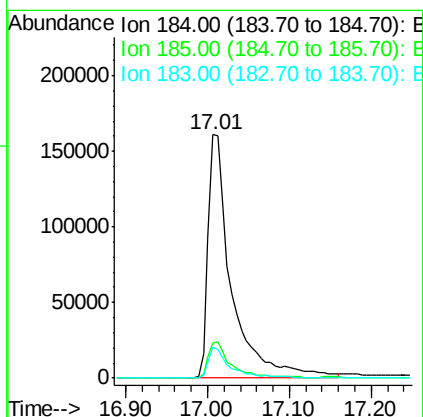
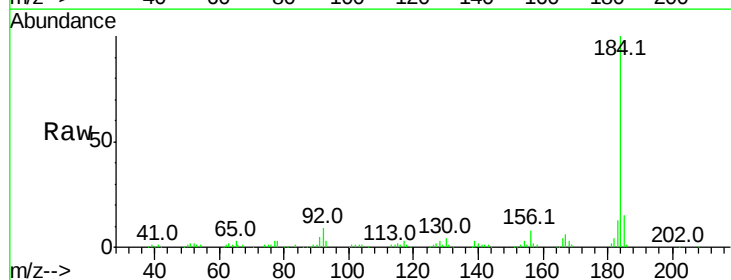
Instrument :
 BNA_F
 ClientSampleId :

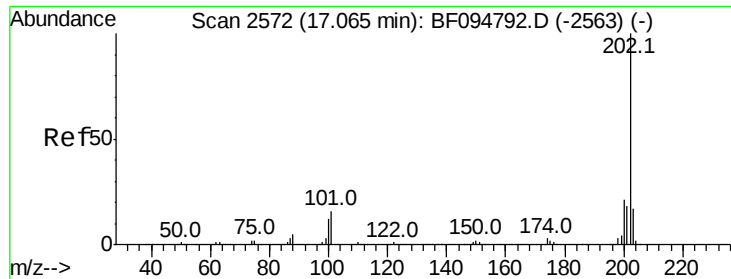
Tot Ion:240 Resp: 255269
 Ion Ratio Lower Upper
 240 100
 120 15.4 5.8 8.8#
 236 24.4 20.5 30.7



#76
 Benzidine
 Concen: 46.82 ng
 RT: 17.01 min Scan# 2562
 Delta R.T. -0.00 min
 Lab File: BF095526.D
 Acq: 28 May 2017 8:15

Tgt Ion:184 Resp: 321924
 Ion Ratio Lower Upper
 184 100
 185 14.6 15.5 23.3#
 183 12.9 9.8 14.6





#77

Pvrene

Concen: 37.07 ng

RT: 17.08 min Scan# 2574

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

Instrument :

BNA_F

ClientSampleId :

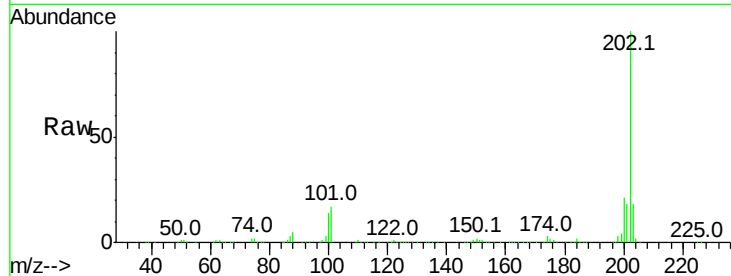
Tot Ion:202 Resp: 707770

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

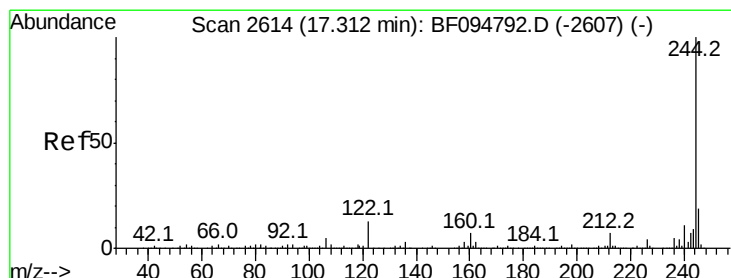
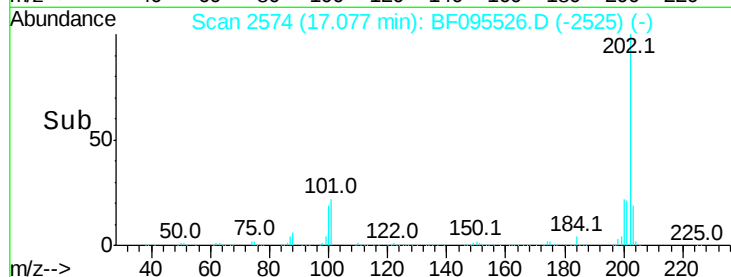
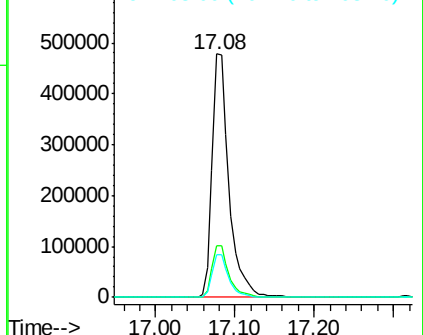
203 17.8 14.4 21.6



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: 73.78 ng

RT: 17.32 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

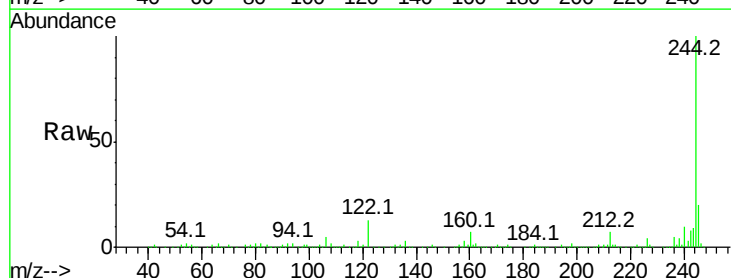
Tgt Ion:244 Resp: 855070

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

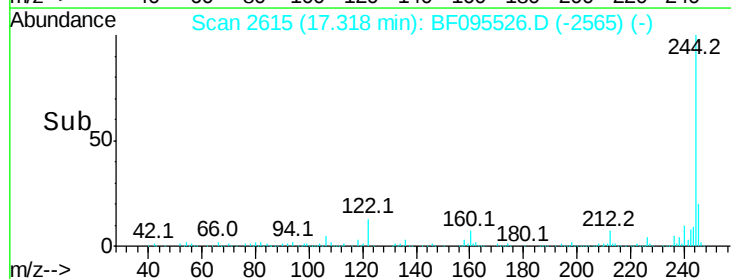
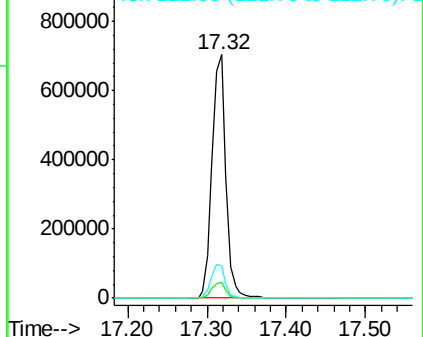
122 13.5 10.3 15.5



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: 39.00 ng

RT: 17.97 min Scan# 2726

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

Instrument :

BNA_F

ClientSampleId :

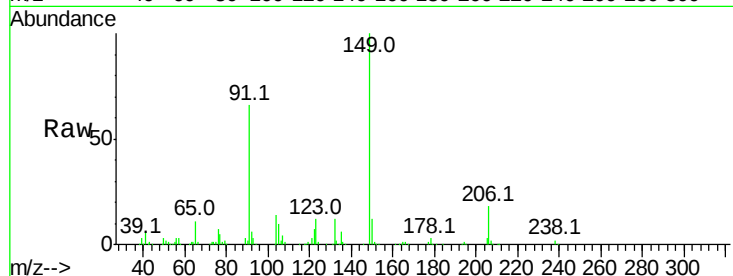
Tot Ion:149 Resp: 346326

Ion Ratio Lower Upper

149 100

91 65.6 45.0 67.4

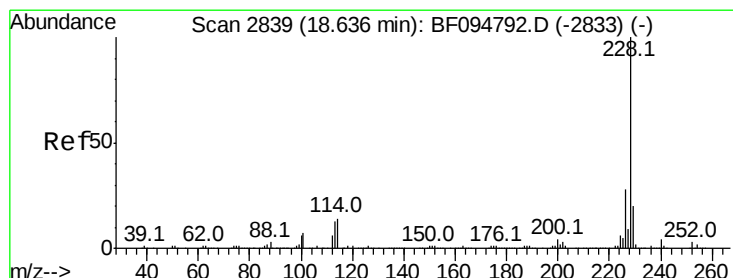
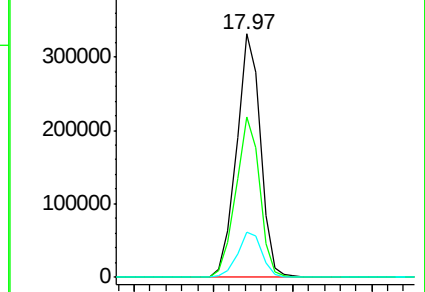
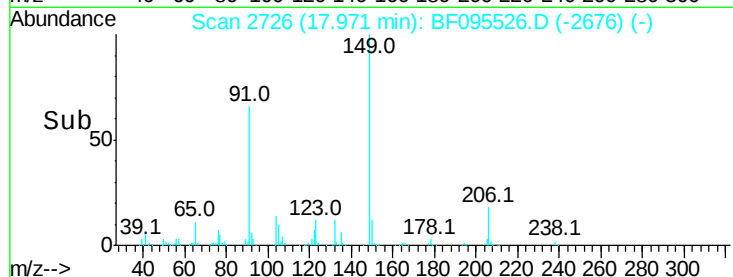
206 18.3 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.73 ng

RT: 18.66 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

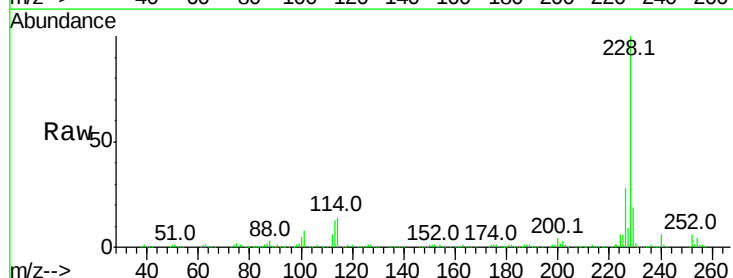
Tgt Ion:228 Resp: 619901

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

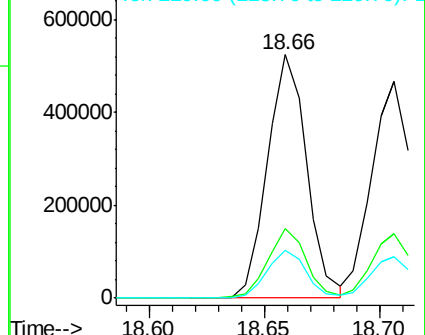
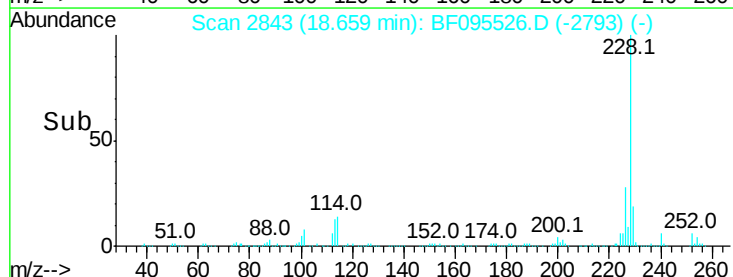
229 19.5 16.3 24.5

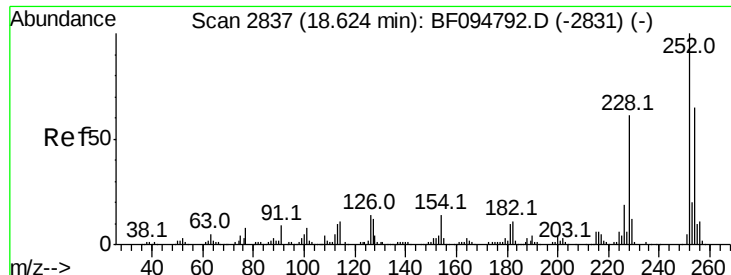


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

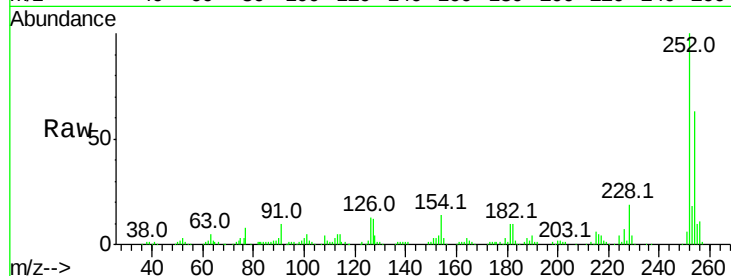




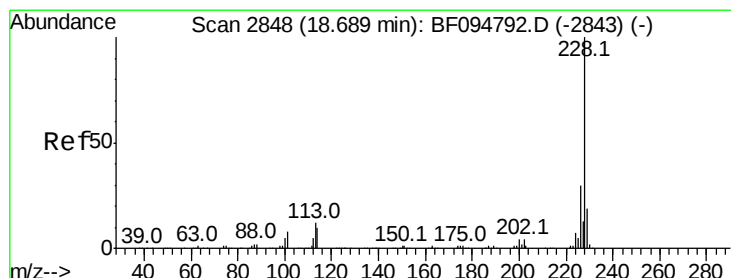
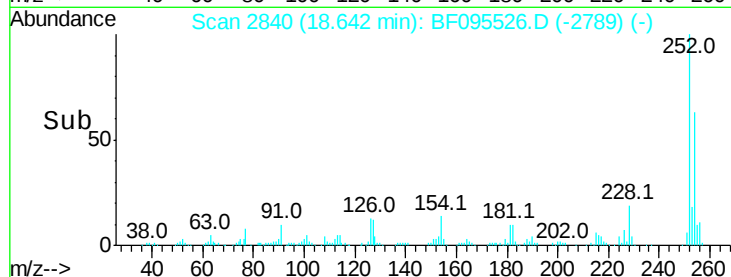
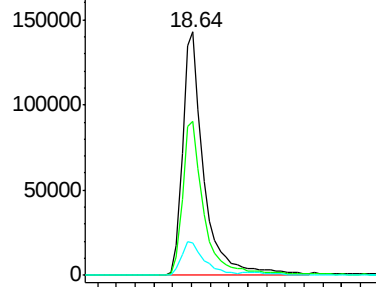
#81
 3,3'-Dichlorobenzidine
 Concen: 44.34 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: BF095526.D
 Acq: 28 May 2017 8:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.5	77.3
126	13.4	15.8	23.8#

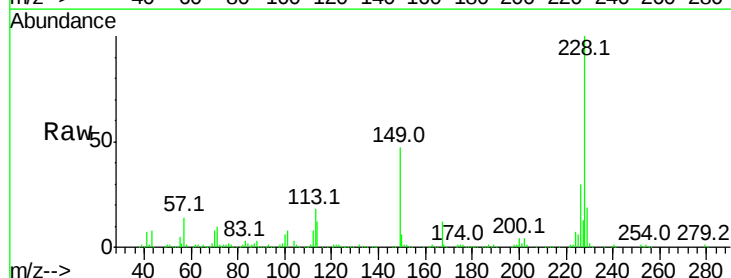


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

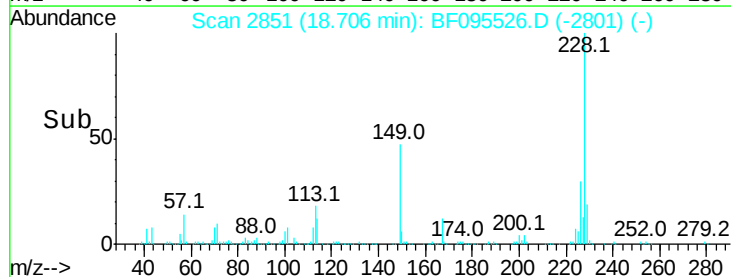
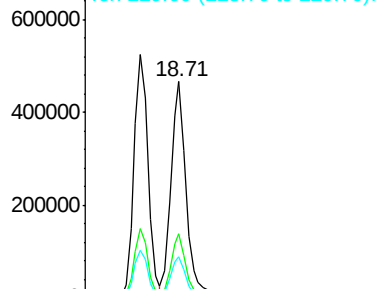


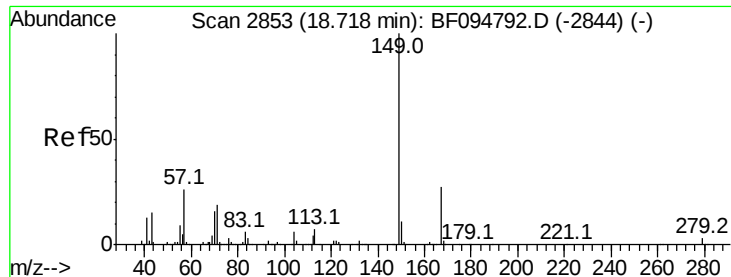
#82
 Chrysene
 Concen: 42.92 ng
 RT: 18.71 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BF095526.D
 Acq: 28 May 2017 8:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.9	37.3
229	19.2	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.03 ng

RT: 18.72 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

Instrument :

BNA_F

ClientSampleId :

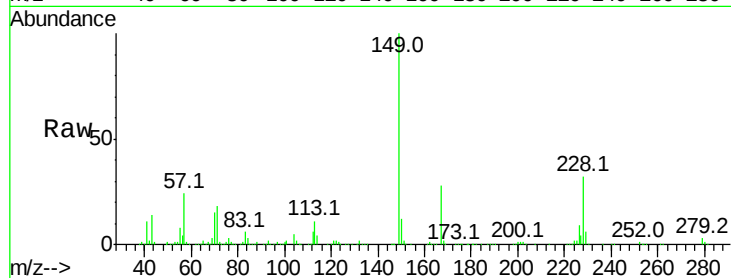
Tot Ion:149 Resp: 481115

Ion Ratio Lower Upper

149 100

167 27.6 21.0 31.4

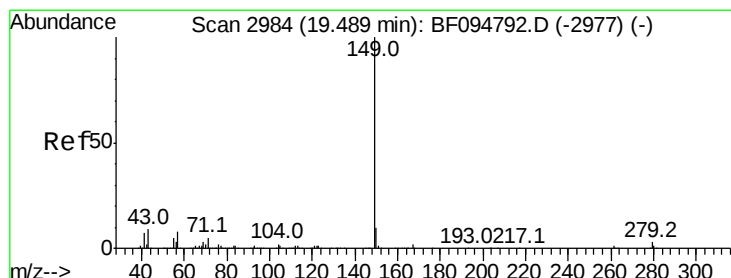
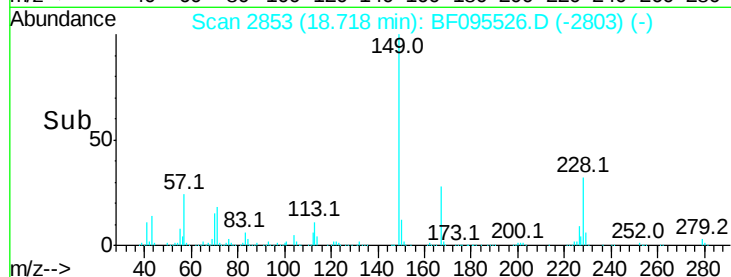
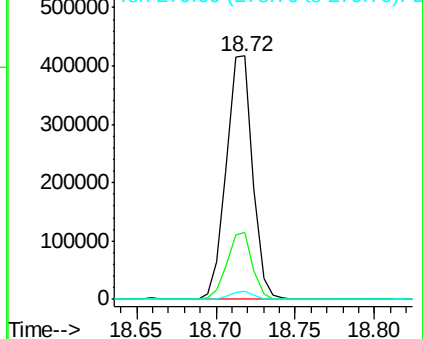
279 3.2 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.15 ng

RT: 19.48 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

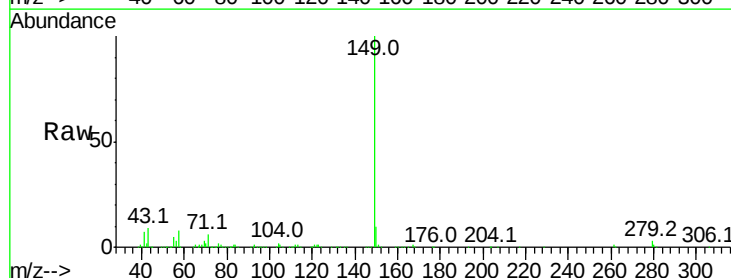
Tgt Ion:149 Resp: 936516

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

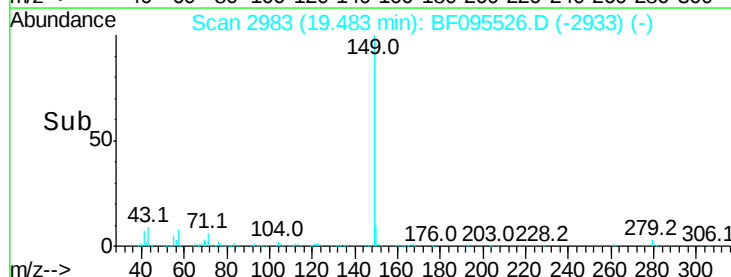
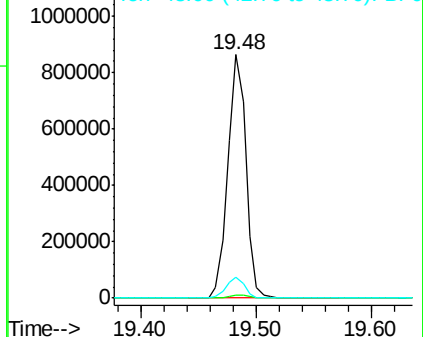
43 9.0 8.5 12.7

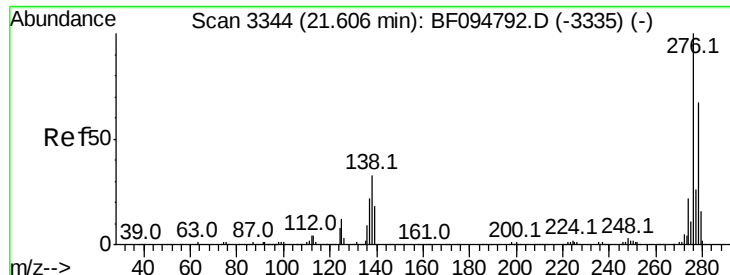


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

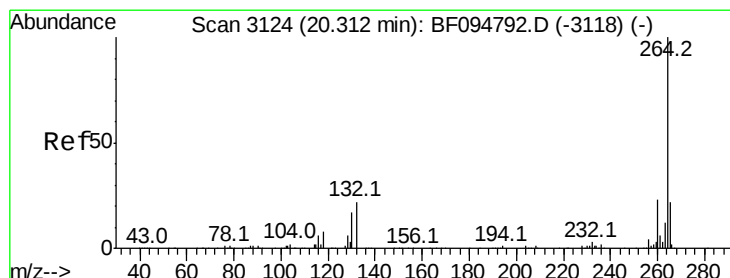
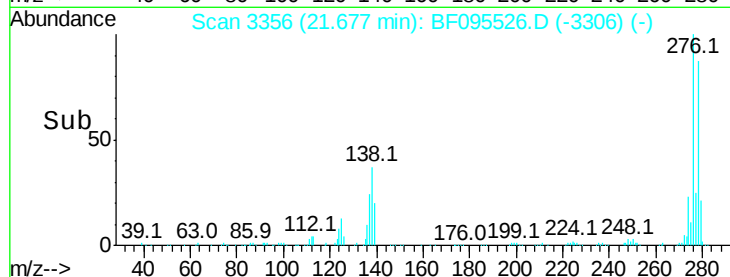
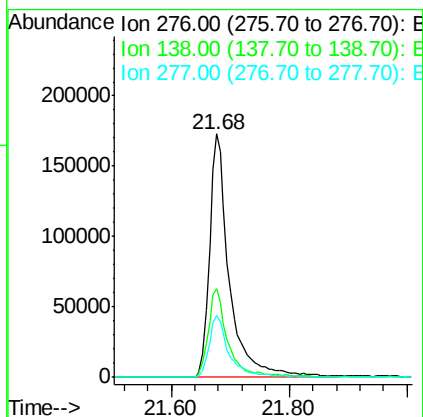
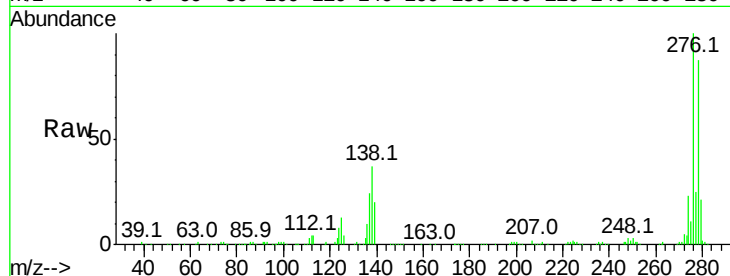




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.72 ng
 RT: 21.68 min Scan# 3356
 Delta R.T. -0.01 min
 Lab File: BF095526.D
 Acq: 28 May 2017 8:15

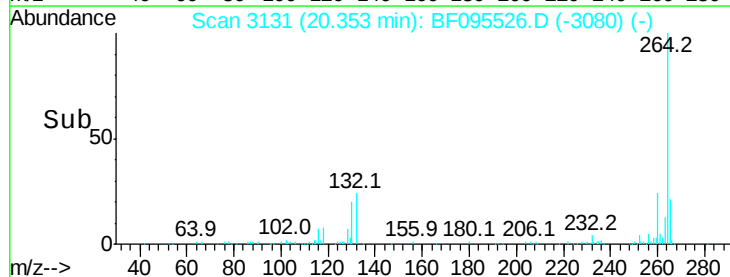
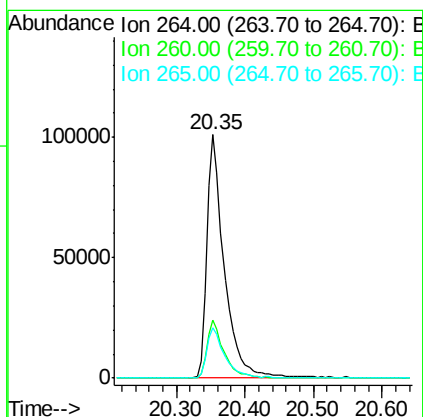
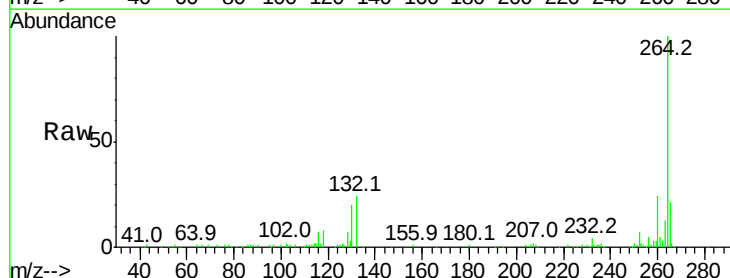
Instrument :
 BNA_F
 ClientSampleId :

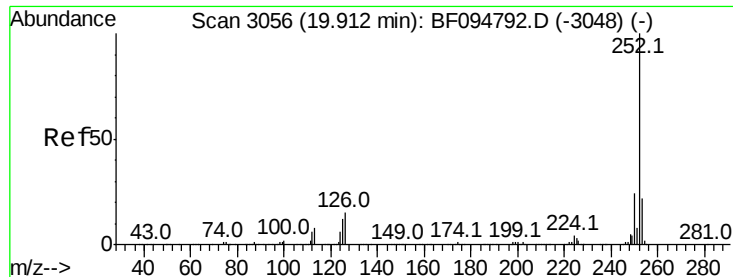
Tot Ion:276 Resp: 405093
 Ion Ratio Lower Upper
 276 100
 138 34.8 27.8 41.6
 277 25.3 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.35 min Scan# 3131
 Delta R.T. 0.00 min
 Lab File: BF095526.D
 Acq: 28 May 2017 8:15

Tgt Ion:264 Resp: 180309
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 20.7 17.2 25.8

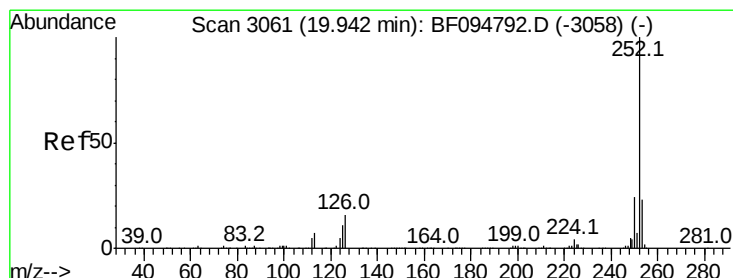
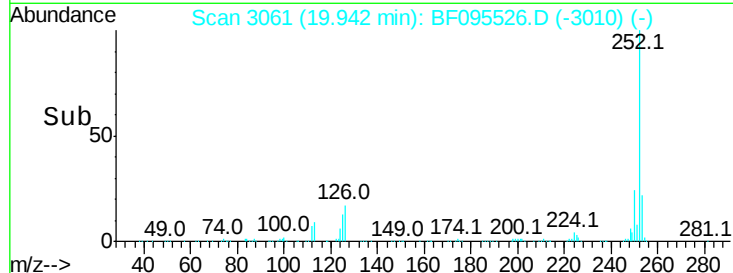
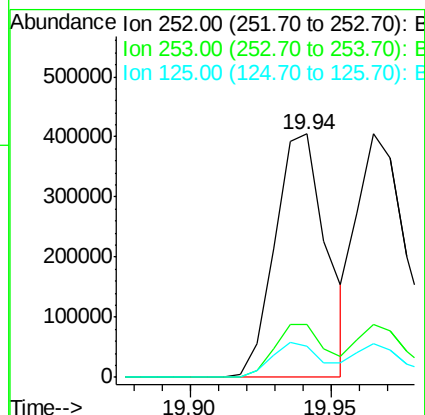
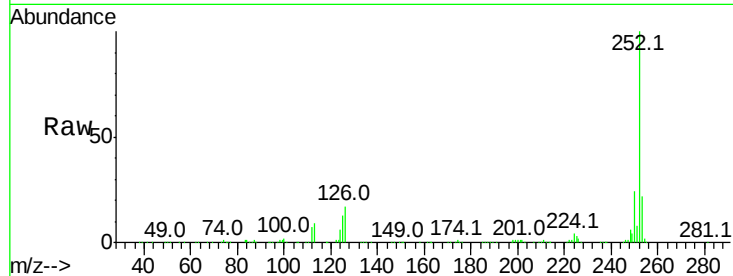




#87
Benzo(b)fluoranthene
Concen: 46.01 ng
RT: 19.94 min Scan# 3061
Delta R.T. 0.00 min
Lab File: BF095526.D
Acq: 28 May 2017 8:15

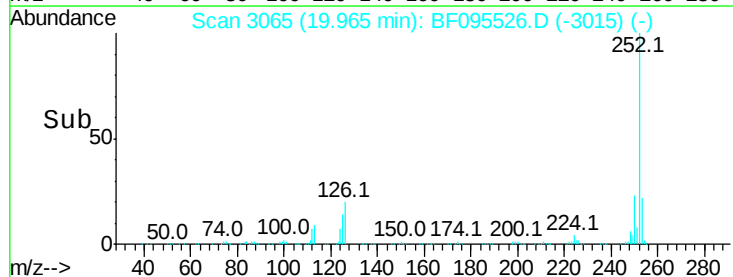
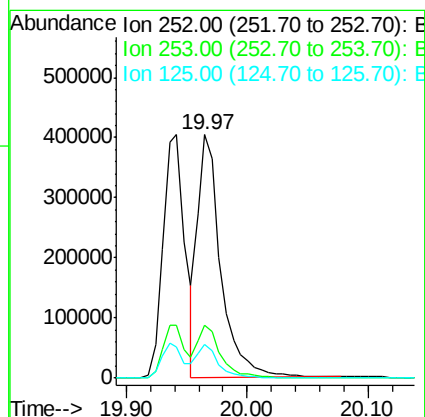
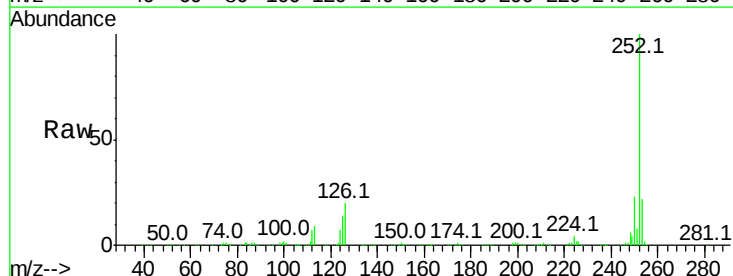
Instrument :
BNA_F
ClientSampled :

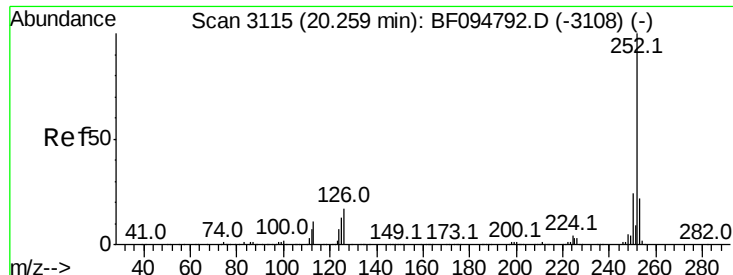
Tot Ion:252 Resp: 512573
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 13.0 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 50.33 ng
RT: 19.97 min Scan# 3065
Delta R.T. -0.01 min
Lab File: BF095526.D
Acq: 28 May 2017 8:15

Tgt Ion:252 Resp: 540907
Ion Ratio Lower Upper
252 100
253 21.6 18.4 27.6
125 14.1 13.1 19.7

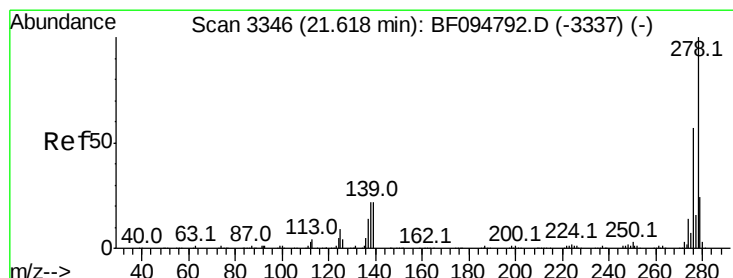
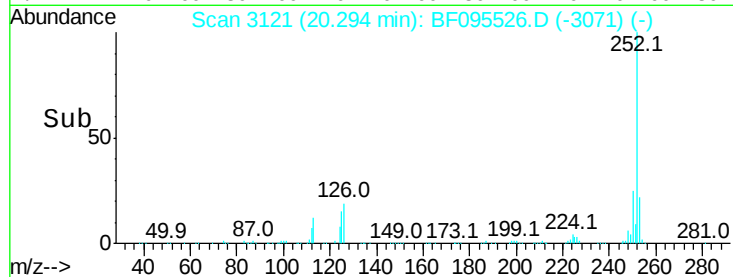
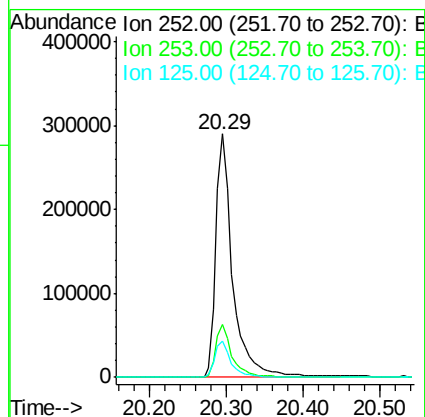
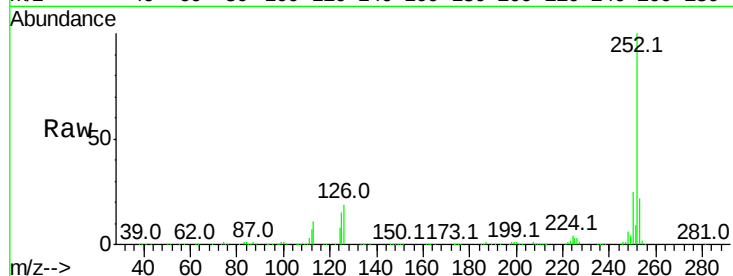




#89
Benzo(a)pyrene
Concen: 41.74 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BF095526.D
Acq: 28 May 2017 8:15

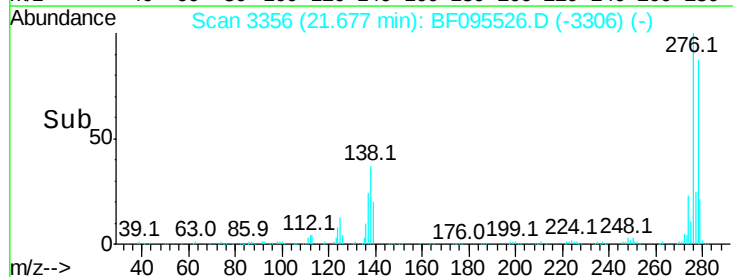
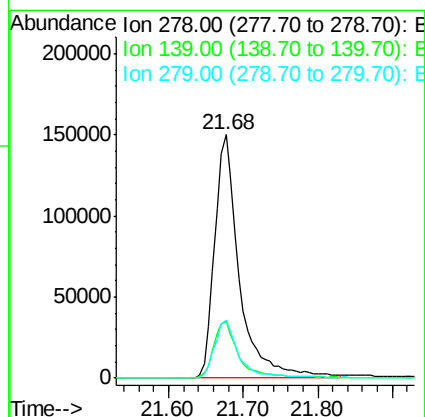
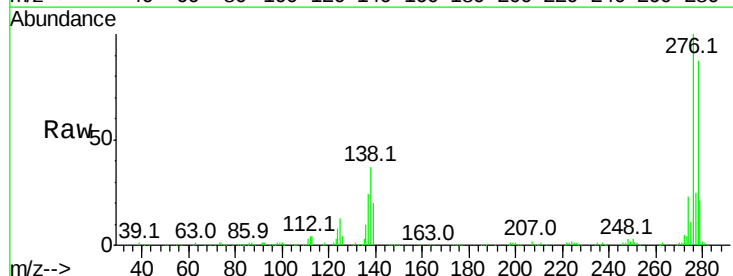
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	14.7	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 40.85 ng
RT: 21.68 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BF095526.D
Acq: 28 May 2017 8:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.1	16.6	24.8
279	23.7	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 41.94 ng

RT: 22.07 min Scan# 3423

Delta R.T. 0.00 min

Lab File: BF095526.D

Acq: 28 May 2017 8:15

Instrument :

BNA_F

ClientSampleId :

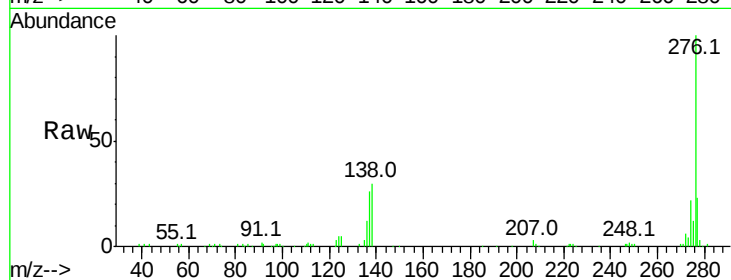
Tot Ion: 276 Resp: 349466

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 30.4 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

