

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095188.D
 Acq On : 17 May 2017 16:40
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 04:06:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	96420	20.00	ng	0.04
21) Naphthalene-d8	9.79	136	419242	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	187583	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	335892	20.00	ng	0.04
75) Chrysene-d12	18.69	240	209848	20.00	ng	0.04
86) Perylene-d12	20.37	264	154566	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.74	112	506332	87.55	ng	0.06
7) Phenol-d6	7.31	99	611043	88.06	ng	0.04
23) Nitrobenzene-d5	8.68	82	477823	71.87	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	124935	81.32	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	949578	72.86	ng	0.04
78) Terphenyl-d14	17.35	244	830299	87.15	ng	0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	105552	37.21	ng	94
3) Pyridine	2.94	79	197648	30.07	ng	96
4) n-Nitrosodimethylamine	2.87	42	87206	31.83	ng	83
6) Aniline	7.28	93	412739	47.12	ng	96
8) 2-Chlorophenol	7.47	128	282377	42.90	ng	94
9) Benzaldehyde	7.10	77	164665	38.86	ng	93
10) Phenol	7.33	94	298014	40.76	ng	95
11) bis(2-Chloroethyl)ether	7.41	93	258517	42.83	ng	94
12) 1,3-Dichlorobenzene	7.68	146	323114	43.27	ng	99
13) 1,4-Dichlorobenzene	7.80	146	323156	42.68	ng	97
14) 1,2-Dichlorobenzene	8.03	146	310304	43.90	ng	96
15) Benzyl Alcohol	8.06	79	209318	46.90	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.25	45	355300	41.59	ng	77
17) 2-Methylphenol	8.27	107	238776	44.32	ng	95
18) Hexachloroethane	8.55	117	96112	37.47	ng	# 87
19) n-Nitroso-di-n-propylamine	8.48	70	177431	37.81	ng	94
20) 3+4-Methylphenols	8.52	107	281300	38.43	ng	# 59
22) Acetophenone	8.45	105	359013	35.69	ng	# 83
24) Nitrobenzene	8.71	77	249216	35.76	ng	91
25) Isophorone	9.11	82	483621	40.74	ng	# 94
26) 2-Nitrophenol	9.21	139	158912	42.26	ng	96
27) 2,4-Dimethylphenol	9.34	122	244990	40.30	ng	98
28) bis(2-Chloroethoxy)methane	9.47	93	332359	40.47	ng	99
29) 2,4-Dichlorophenol	9.63	162	225459	39.28	ng	98
30) 1,2,4-Trichlorobenzene	9.71	180	251998	40.98	ng	98
31) Naphthalene	9.82	128	823332	39.07	ng	99
32) Benzoic acid	9.66	122	107639	29.19	ng	94
33) 4-Chloroaniline	9.96	127	325314	41.43	ng	# 93
34) Hexachlorobutadiene	10.04	225	114426	35.26	ng	98
35) Caprolactam	10.65	113	11659	6.76	ng	90
36) 4-Chloro-3-methylphenol	10.81	107	249731	40.69	ng	92
37) 2-Methylnaphthalene	10.95	142	488294	35.31	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	206370	35.77	ng	99
40) Hexachlorocyclopentadiene	11.20	237	72059	33.52	ng	99

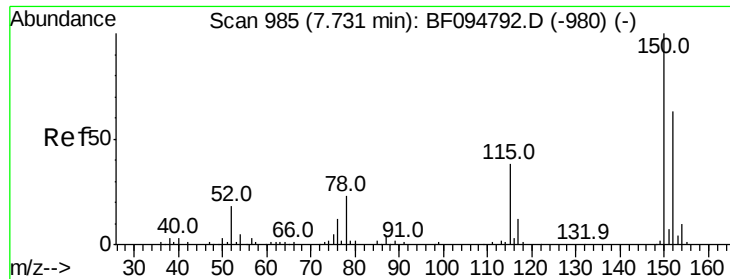
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095188.D
 Acq On : 17 May 2017 16:40
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
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Quant Time: May 18 04:06:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	144332	37.47	nq	97
43) 2,4,5-Trichlorophenol	11.54	196	139569	33.72	nq	93
45) 1,1'-Biphenyl	11.71	154	616978	39.07	nq	97
46) 2-Chloronaphthalene	11.73	162	489995	38.42	nq	94
47) 2-Nitroaniline	11.95	65	137724	39.46	nq	# 80
48) Acenaphthylene	12.39	152	803092	40.21	nq	99
49) Dimethylphthalate	12.27	163	604530	39.26	nq	99
50) 2,6-Dinitrotoluene	12.36	165	128289	40.83	nq	96
51) Acenaphthene	12.68	154	468958	39.31	nq	98
52) 3-Nitroaniline	12.63	138	136777	40.56	nq	91
53) 2,4-Dinitrophenol	12.85	184	55442	35.78	nq	# 71
54) Dibenzofuran	12.96	168	673159	40.77	nq	98
55) 4-Nitrophenol	12.96	139	244805	120.87	nq	# 27
56) 2,4-Dinitrotoluene	13.02	165	169649	42.02	nq	91
57) Fluorene	13.52	166	557373	38.83	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.21	232	107441	41.24	nq	# 91
59) Diethylphthalate	13.41	149	577446	39.12	nq	98
60) 4-Chlorophenyl-phenylether	13.54	204	251560	39.87	nq	88
61) 4-Nitroaniline	13.63	138	105292	34.01	nq	96
62) Azobenzene	13.80	77	473442	39.92	nq	91
64) 4,6-Dinitro-2-methylphenol	13.69	198	85396	37.92	nq	# 68
65) n-Nitrosodiphenylamine	13.75	169	480887	39.45	nq	99
66) 4-Bromophenyl-phenylether	14.32	248	141299	39.82	nq	98
67) Hexachlorobenzene	14.41	284	143231	39.38	nq	# 84
68) Atrazine	14.67	200	137109	39.83	nq	98
69) Pentachlorophenol	14.78	266	46155	31.88	nq	97
70) Phenanthrene	15.07	178	777003	40.26	nq	99
71) Anthracene	15.15	178	757667	38.43	nq	98
72) Carbazole	15.42	167	657842	36.68	nq	97
73) Di-n-butylphthalate	15.99	149	891927	39.87	nq	99
74) Fluoranthene	16.81	202	677776	34.24	nq	97
76) Benzidine	17.02	184	247632	44.23	nq	# 93
77) Pyrene	17.11	202	699484	44.57	nq	99
79) Butylbenzylphthalate	18.00	149	303292	41.55	nq	# 86
80) Benzo(a)anthracene	18.68	228	489690	40.10	nq	98
81) 3,3'-Dichlorobenzidine	18.66	252	158645	37.61	nq	# 97
82) Chrysene	18.73	228	492372	41.69	nq	98
83) Bis(2-ethylhexyl)phthalate	18.75	149	400925	38.55	nq	# 98
84) Di-n-octyl phthalate	19.51	149	613190	35.96	nq	95
85) Indeno(1,2,3-cd)pyrene	21.69	276	334229	34.85	nq	99
87) Benzo(b)fluoranthene	19.96	252	374616	39.22	nq	99
88) Benzo(k)fluoranthene	19.98	252	418587	45.44	nq	96
89) Benzo(a)pyrene	20.31	252	358243	40.65	nq	99
90) Dibenzo(a,h)anthracene	21.70	278	281504	38.68	nq	98
91) Benzo(g,h,i)perylene	22.08	276	283937	39.75	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.77 min Scan# 992

Delta R.T. 0.04 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA_F

ClientSampleId :

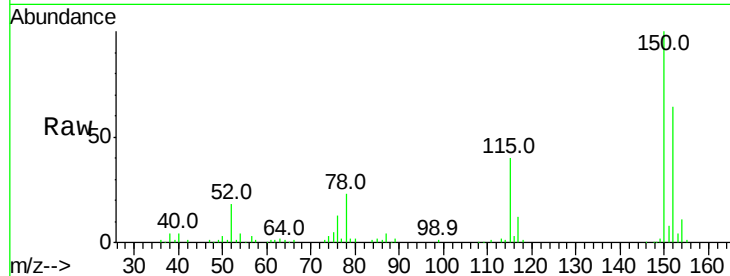
Tot Ion:152 Resp: 96420

Ion Ratio Lower Upper

152 100

150 157.2 126.2 189.2

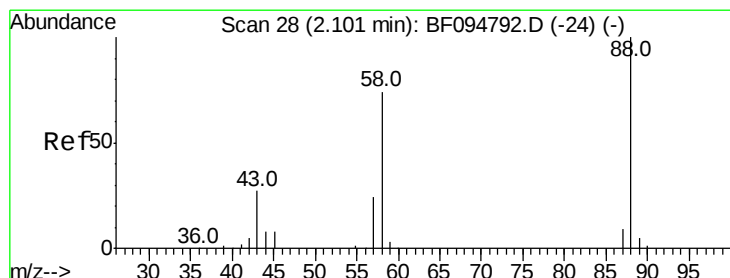
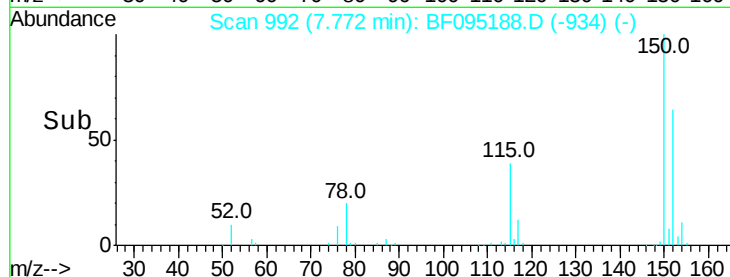
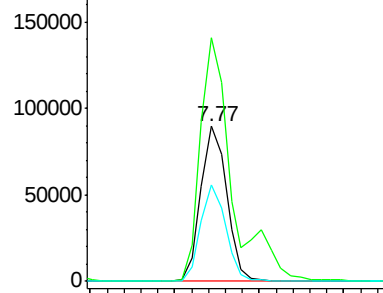
115 62.4 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.21 ng

RT: 2.24 min Scan# 52

Delta R.T. 0.14 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

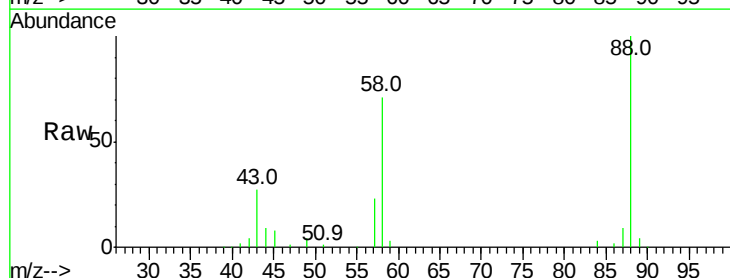
Tgt Ion: 88 Resp: 105552

Ion Ratio Lower Upper

88 100

58 71.5 61.4 92.0

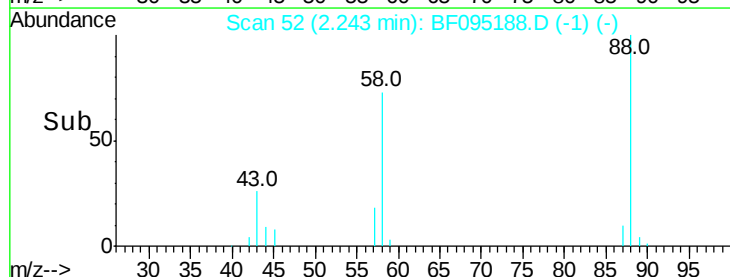
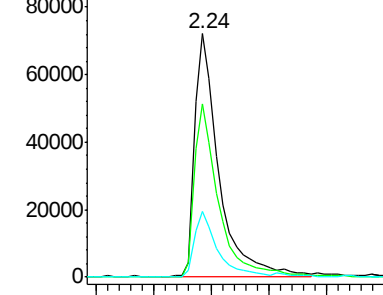
43 25.3 23.4 35.0



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: 30.07 ng

RT: 2.94 min Scan# 170

Delta R.T. 0.18 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA_F

ClientSampled :

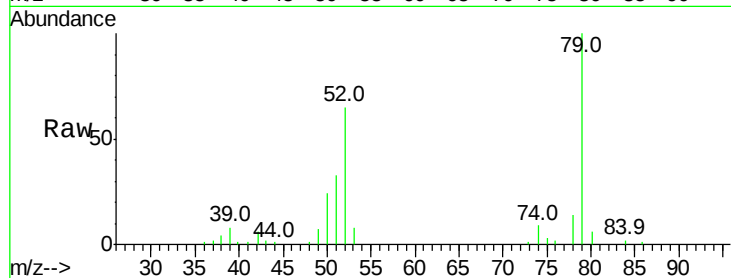
Tot Ion: 79 Resp: 197648

Ion Ratio Lower Upper

79 100

52 64.6 54.8 82.2

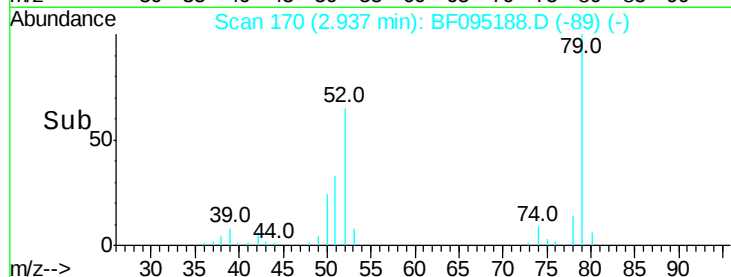
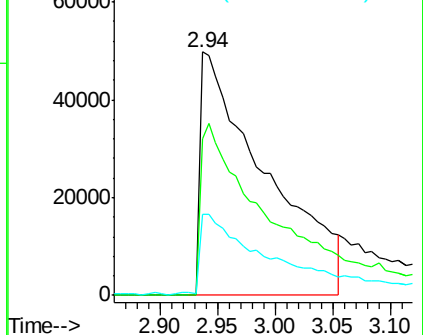
51 33.2 27.0 40.4



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: 31.83 ng

RT: 2.87 min Scan# 158

Delta R.T. 0.17 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

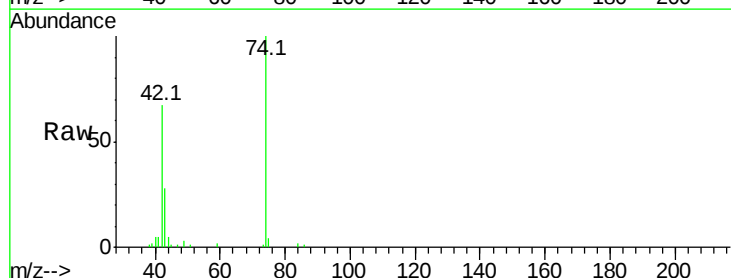
Tgt Ion: 42 Resp: 87206

Ion Ratio Lower Upper

42 100

74 150.3 103.9 155.9

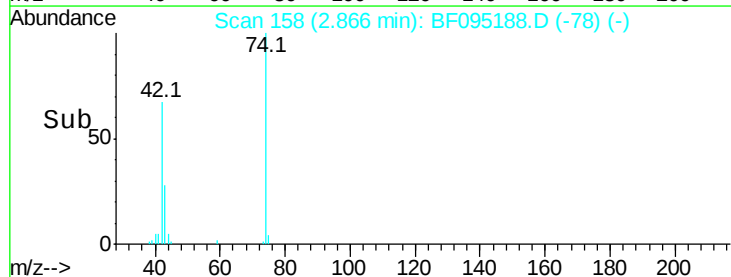
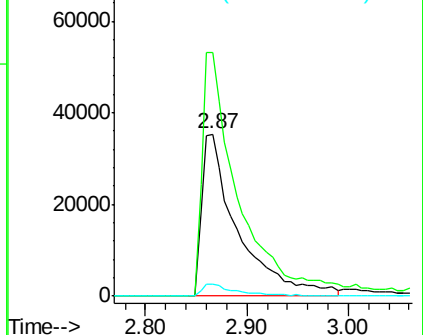
44 7.5 5.7 8.5

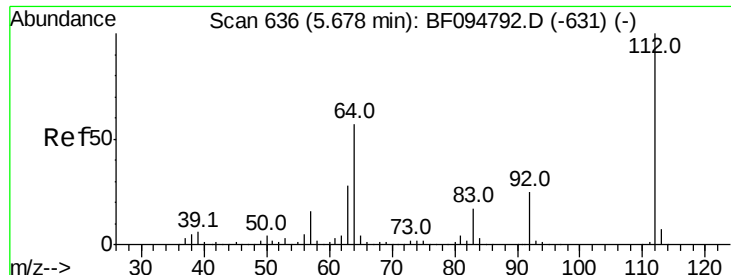


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 87.55 ng

RT: 5.74 min Scan# 647

Delta R.T. 0.06 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA_F

ClientSampled :

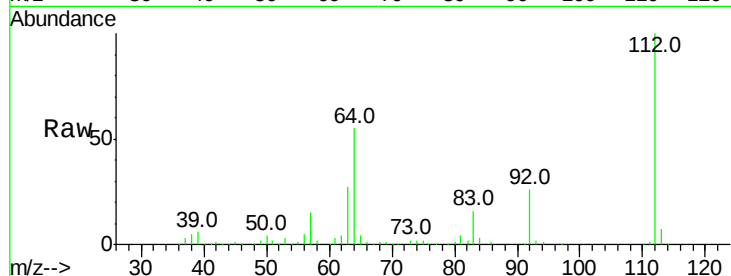
Tot Ion:112 Resp: 506332

Ion Ratio Lower Upper

112 100

64 54.6 46.0 69.0

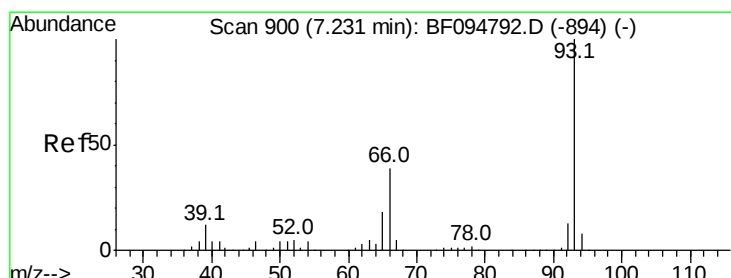
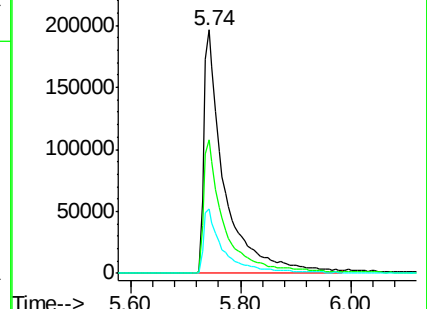
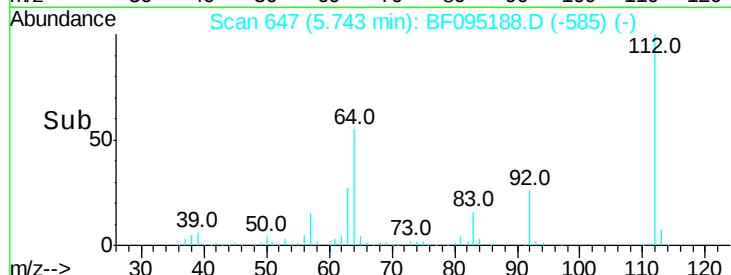
63 26.6 23.4 35.0



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: 47.12 ng

RT: 7.28 min Scan# 908

Delta R.T. 0.05 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

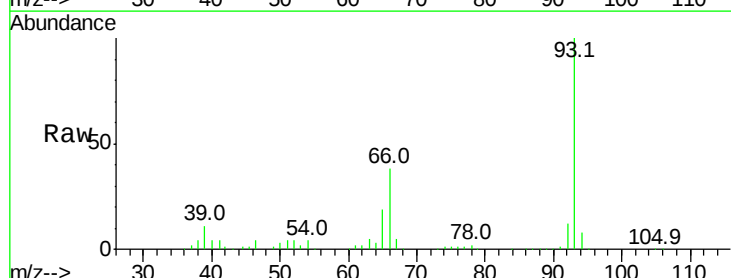
Tgt Ion: 93 Resp: 412739

Ion Ratio Lower Upper

93 100

66 37.7 32.9 49.3

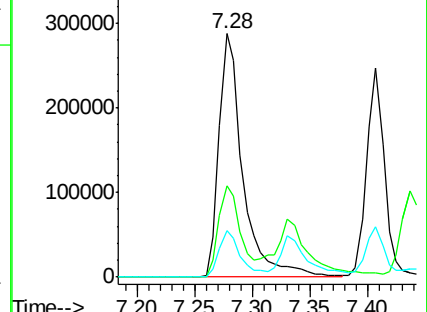
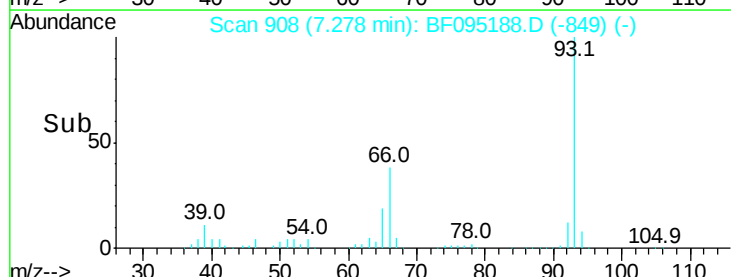
65 19.2 16.0 24.0

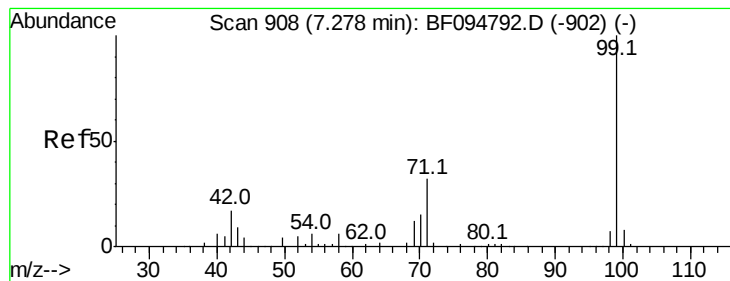


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 88.06 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.04 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA_F

ClientSampled :

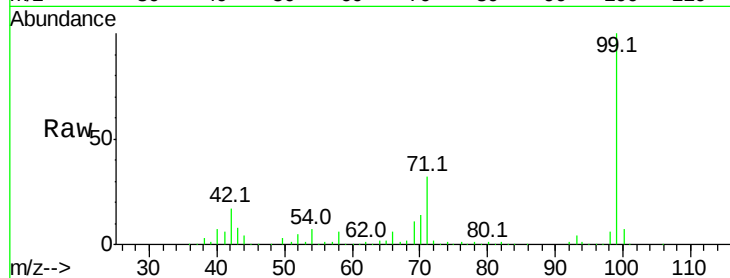
Tot Ion: 99 Resp: 611043

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

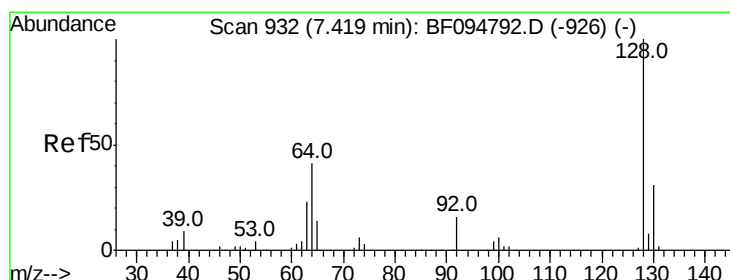
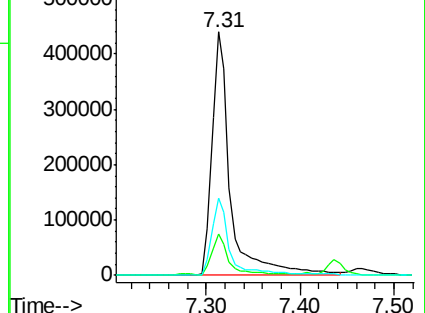
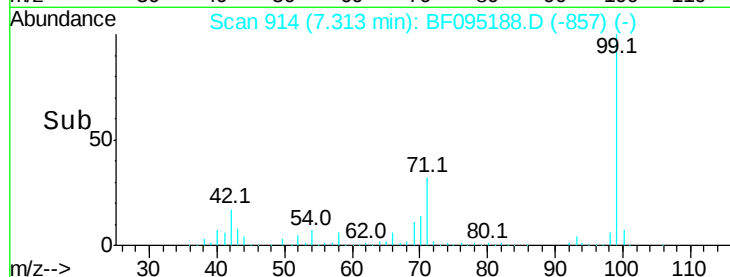
71 31.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.90 ng

RT: 7.47 min Scan# 940

Delta R.T. 0.05 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

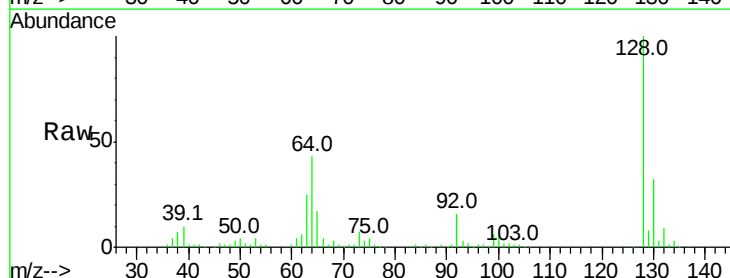
Tgt Ion: 128 Resp: 282377

Ion Ratio Lower Upper

128 100

130 31.6 12.9 52.9

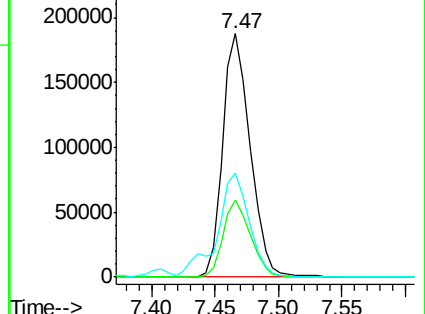
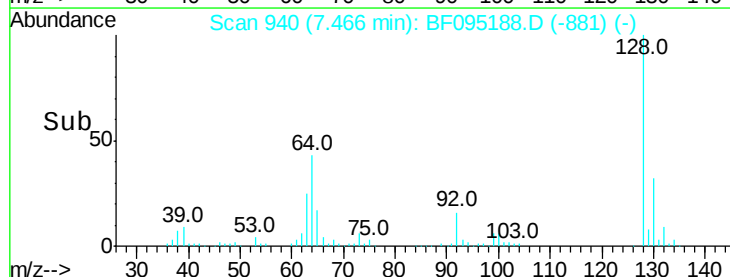
64 42.9 28.4 68.4

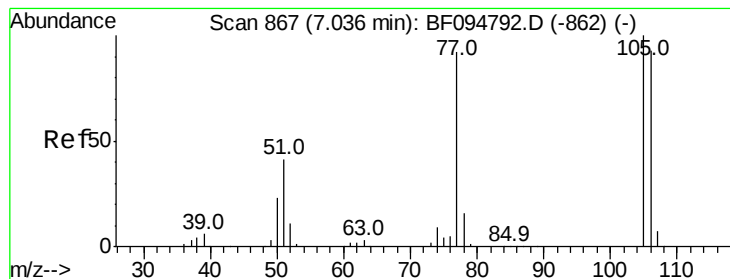


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.86 ng

RT: 7.10 min Scan# 877

Delta R.T. 0.06 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA_F

ClientSampled :

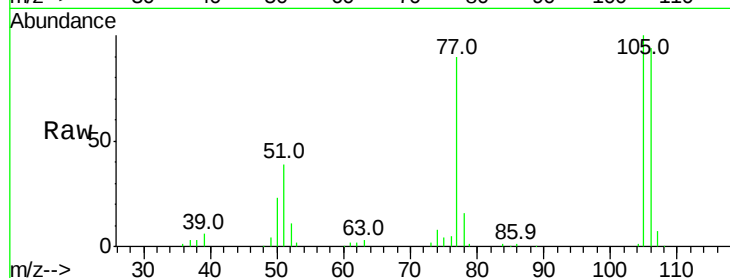
Tot Ion: 77 Resp: 164665

Ion Ratio Lower Upper

77 100

105 111.5 83.8 123.8

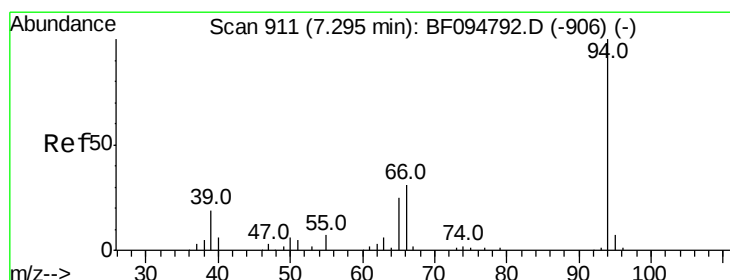
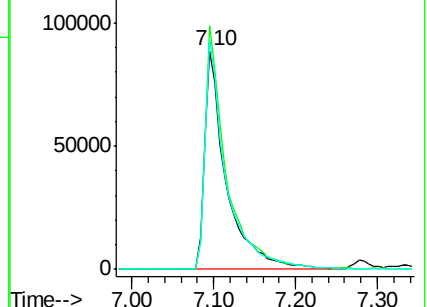
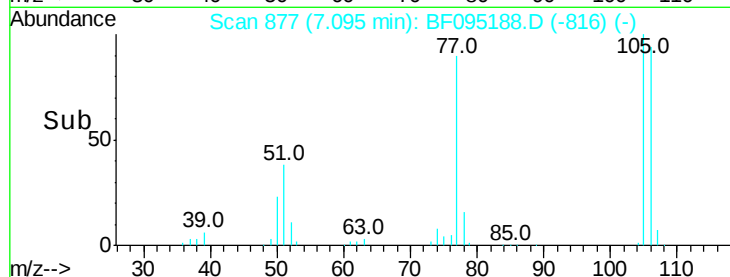
106 105.1 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.76 ng

RT: 7.33 min Scan# 917

Delta R.T. 0.04 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

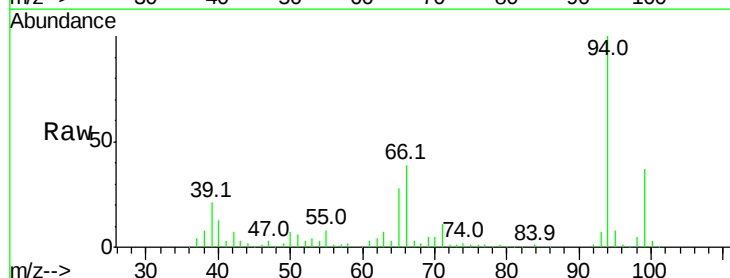
Tgt Ion: 94 Resp: 298014

Ion Ratio Lower Upper

94 100

65 28.3 9.9 49.9

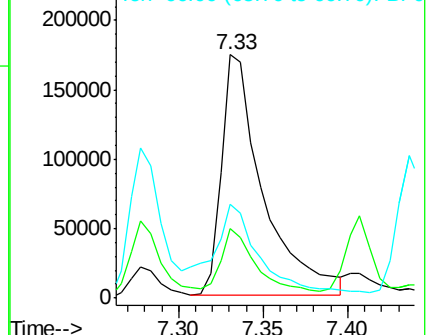
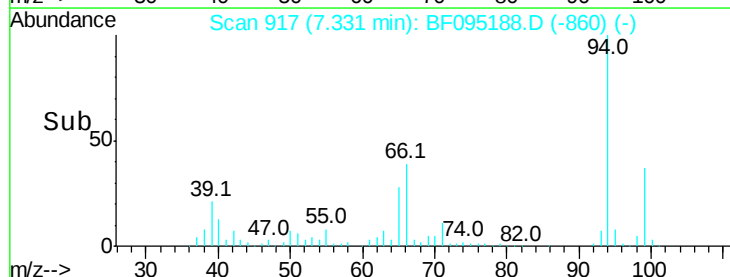
66 38.8 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

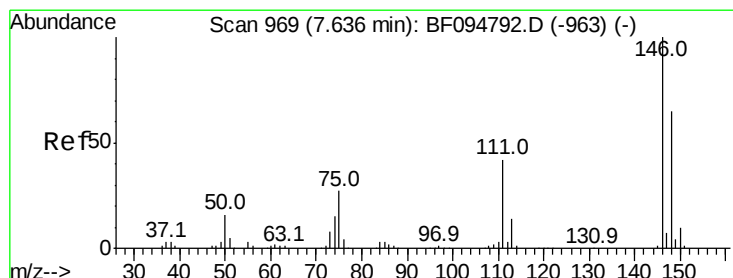
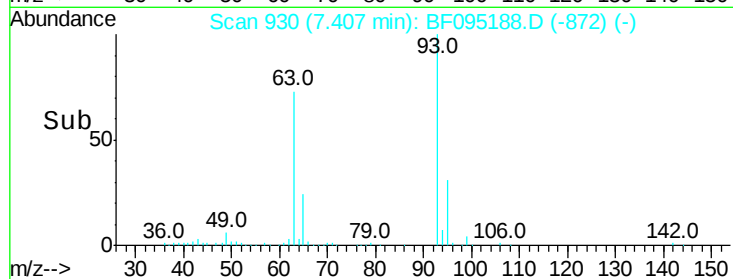
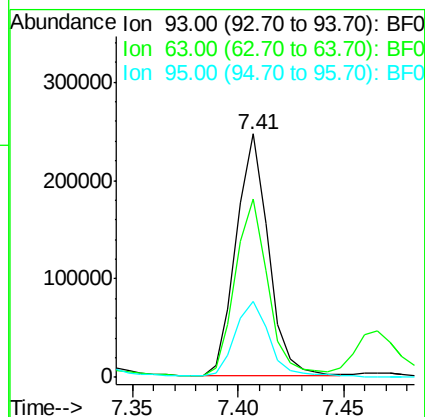
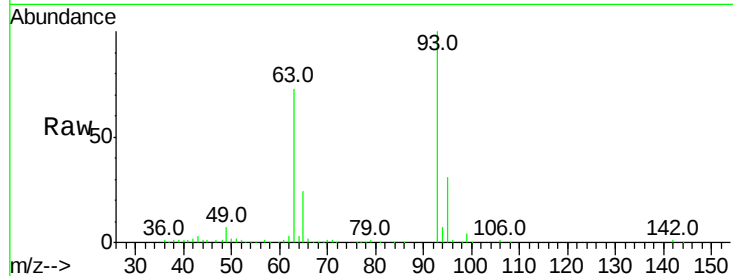




#11
bis(2-Chloroethyl)ether
Concen: 42.83 ng
RT: 7.41 min Scan# 930
Delta R.T. 0.04 min
Lab File: BF095188.D
Acq: 17 May 2017 16:40

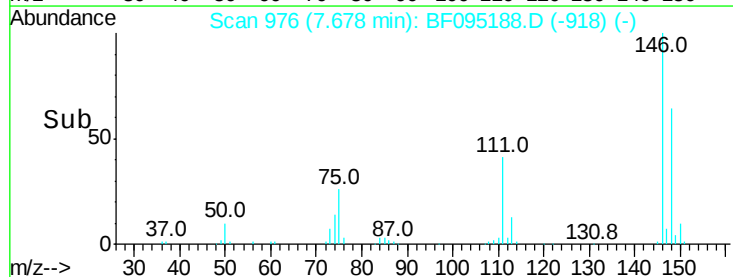
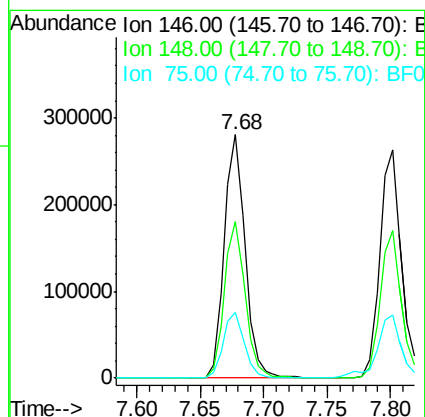
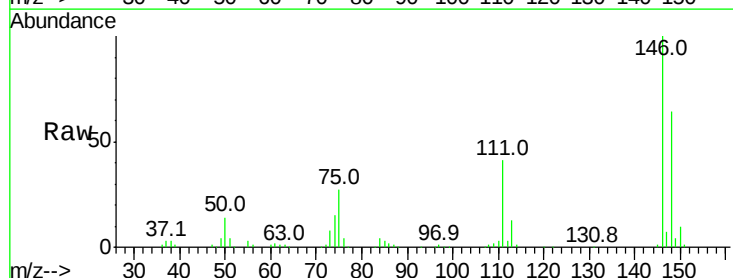
Instrument :
BNA_F
ClientSampleId :

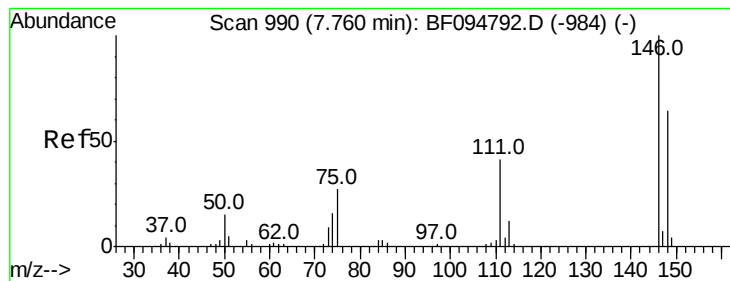
Tot Ion: 93 Resp: 258517
Ion Ratio Lower Upper
93 100
63 73.1 59.2 99.2
95 31.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 43.27 ng
RT: 7.68 min Scan# 976
Delta R.T. 0.04 min
Lab File: BF095188.D
Acq: 17 May 2017 16:40

Tgt Ion: 146 Resp: 323114
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.6
75 27.0 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 42.68 ng

RT: 7.80 min Scan# 997

Delta R.T. 0.04 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA_F

ClientSampleId :

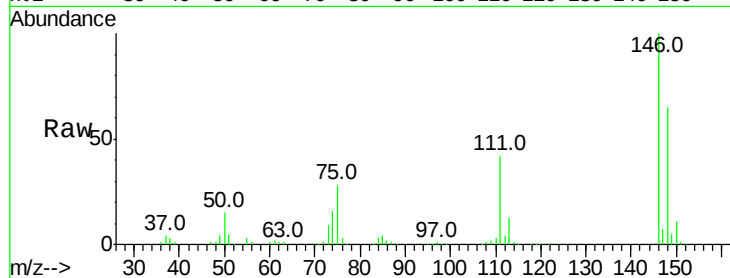
Tot Ion:146 Resp: 323156

Ion Ratio Lower Upper

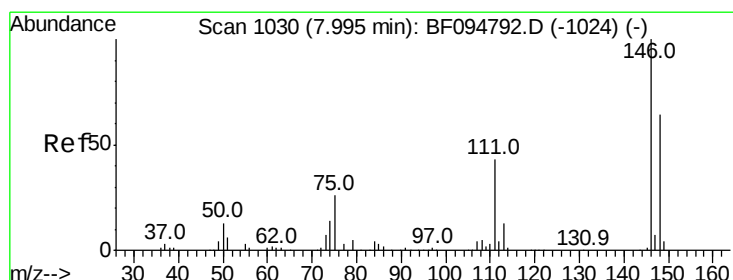
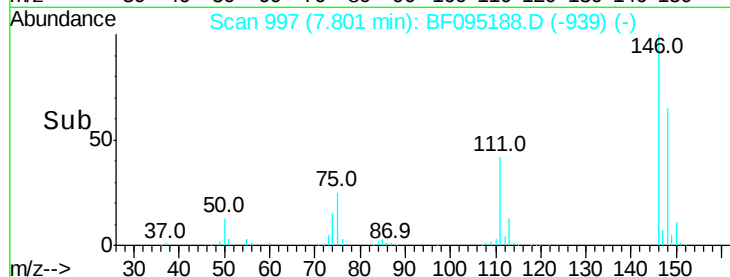
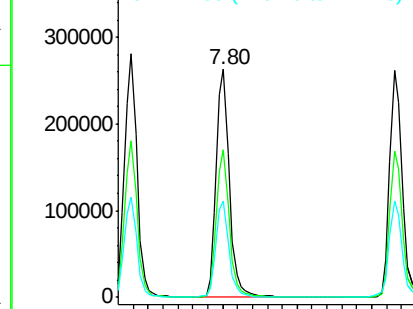
146 100

148 64.8 52.2 78.2

111 42.1 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: 43.90 ng

RT: 8.03 min Scan# 1036

Delta R.T. 0.04 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

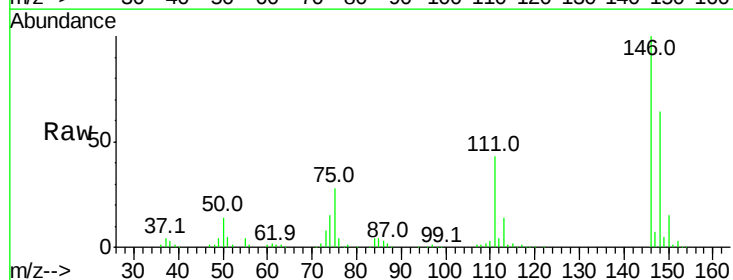
Tgt Ion:146 Resp: 310304

Ion Ratio Lower Upper

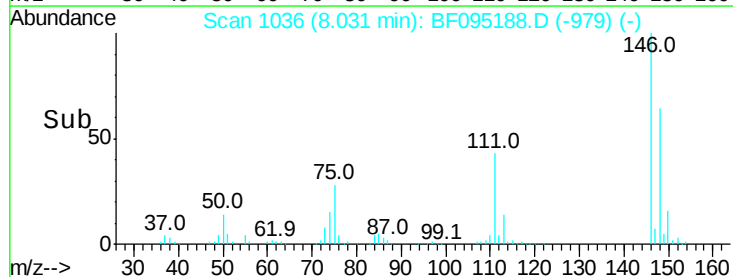
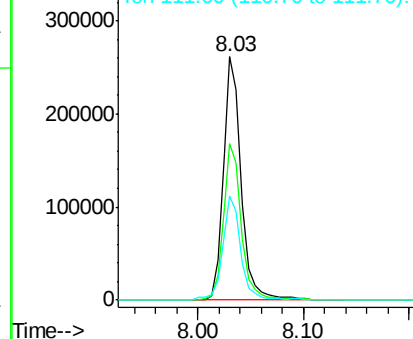
146 100

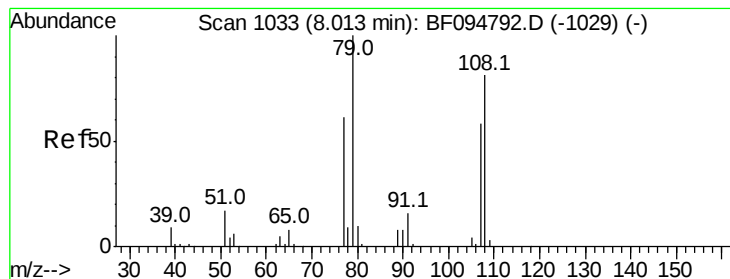
148 64.4 50.4 75.6

111 42.5 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 46.90 ng

RT: 8.06 min Scan# 1041

Delta R.T. 0.05 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA_F

ClientSampled :

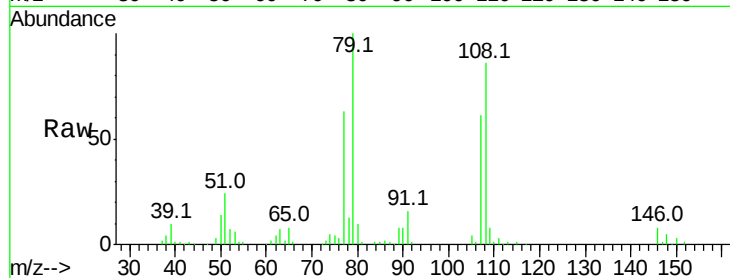
Tot Ion: 79 Resp: 209318

Ion Ratio Lower Upper

79 100

108 86.0 63.4 95.0

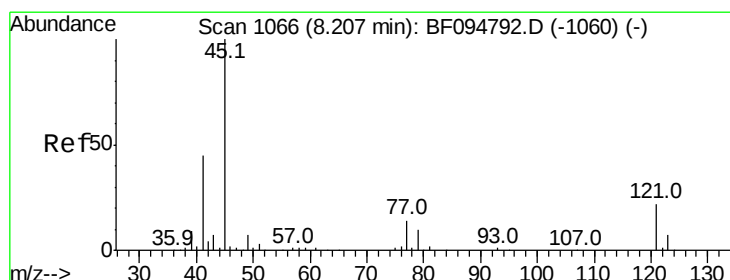
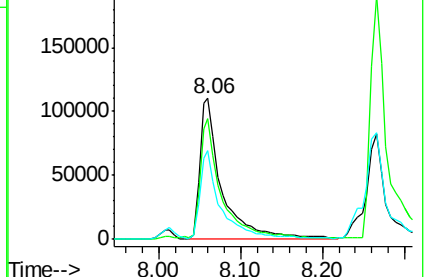
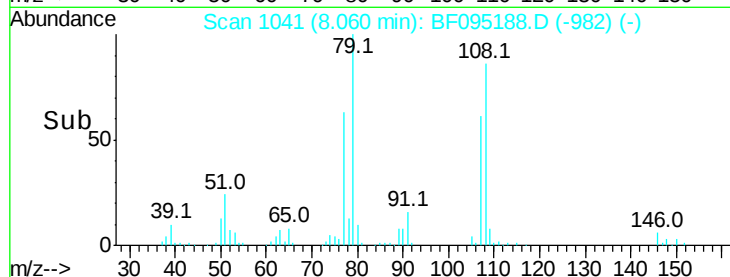
77 62.8 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.59 ng

RT: 8.25 min Scan# 1074

Delta R.T. 0.05 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

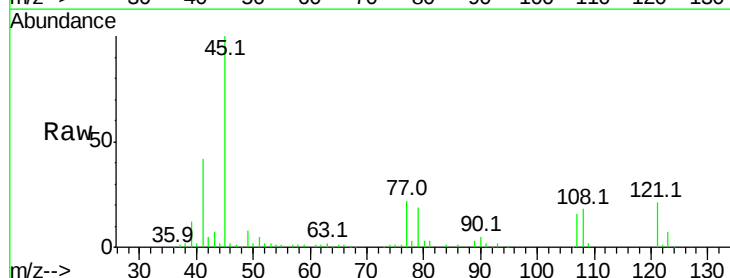
Tgt Ion: 45 Resp: 355300

Ion Ratio Lower Upper

45 100

77 22.3 0.0 33.2

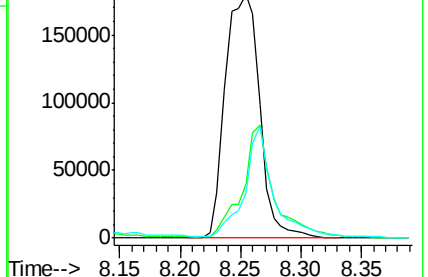
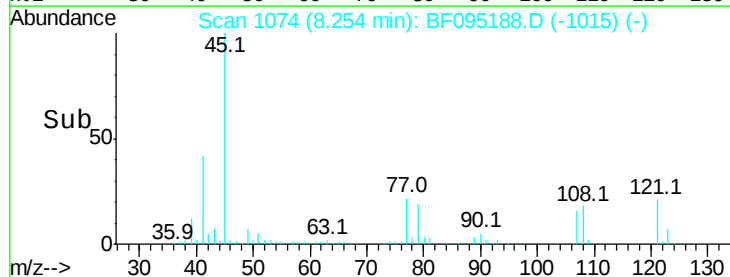
79 18.6 0.0 30.0

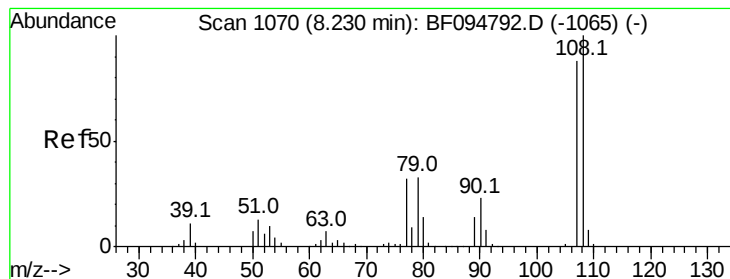


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 44.32 ng

RT: 8.27 min Scan# 1076

Delta R.T. 0.04 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 238776

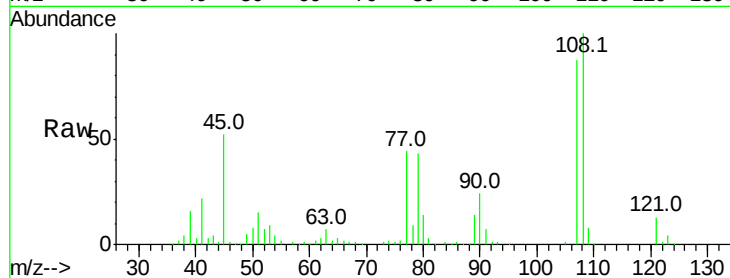
Ion Ratio Lower Upper

107 100

108 114.6 93.4 140.0

77 50.3 35.8 53.6

79 49.5 34.8 52.2

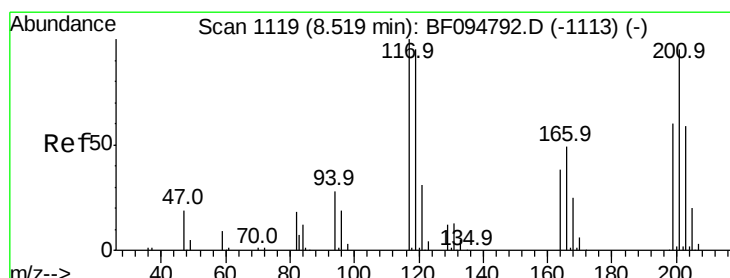
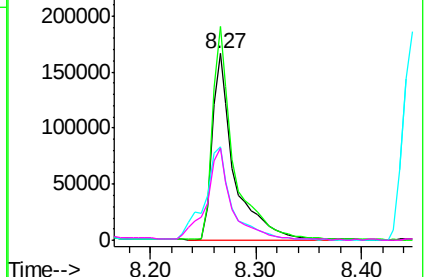
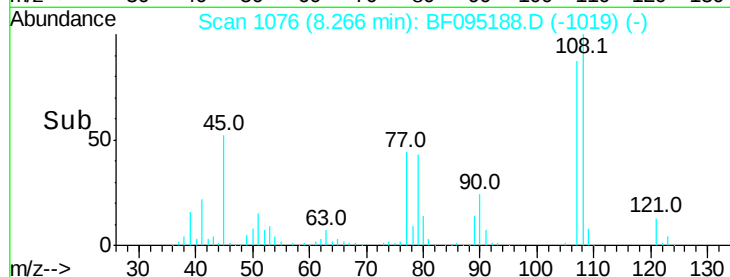


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.47 ng

RT: 8.55 min Scan# 1124

Delta R.T. 0.03 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

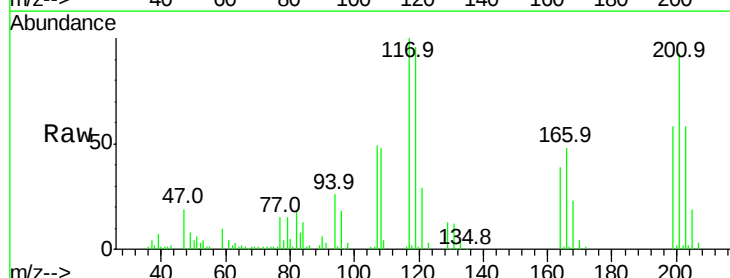
Tgt Ion:117 Resp: 96112

Ion Ratio Lower Upper

117 100

119 95.6 77.4 116.0

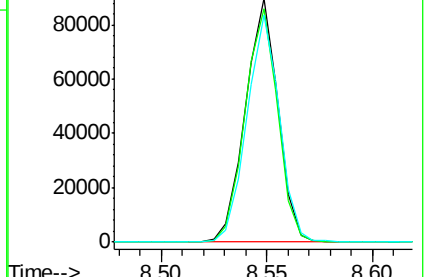
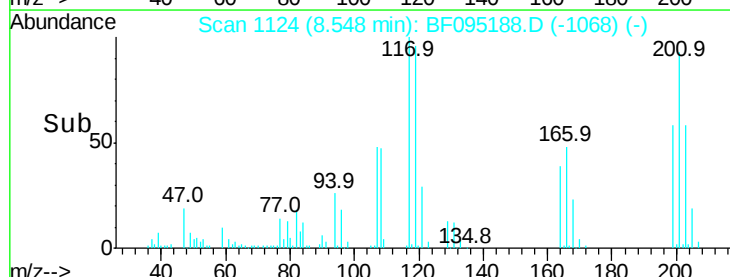
201 93.0 94.6 141.8#

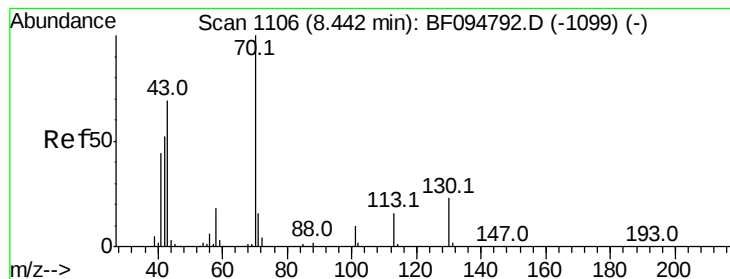


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.81 ng

RT: 8.48 min Scan# 1112

Delta R.T. 0.04 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 177431

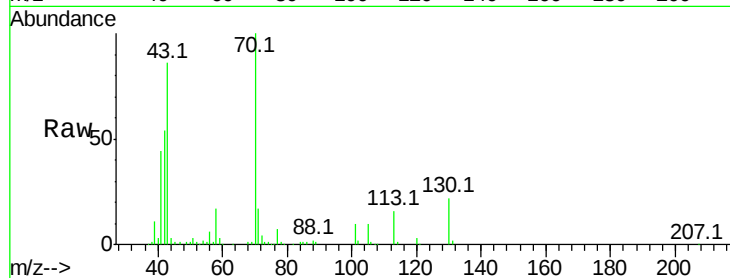
Ion Ratio Lower Upper

70 100

42 53.5 47.2 70.8

101 9.8 7.2 10.8

130 22.4 15.9 23.9

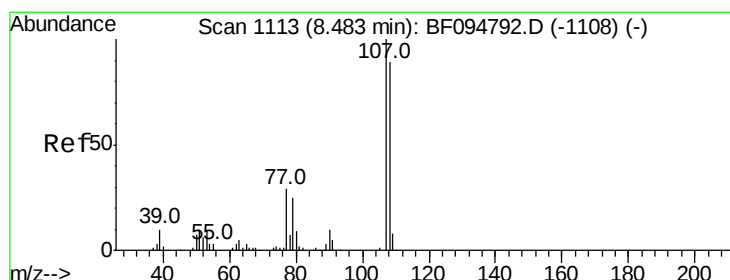
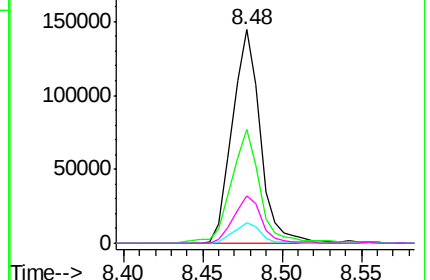
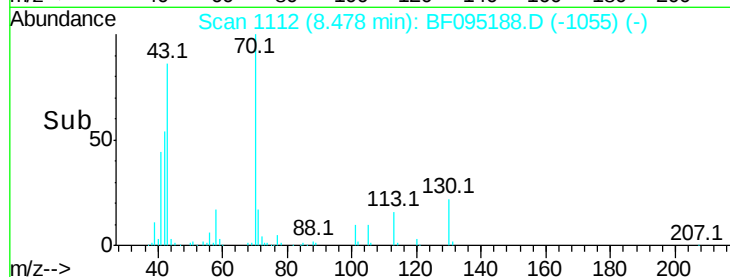


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 38.43 ng

RT: 8.52 min Scan# 1120

Delta R.T. 0.04 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Tgt Ion:107 Resp: 281300

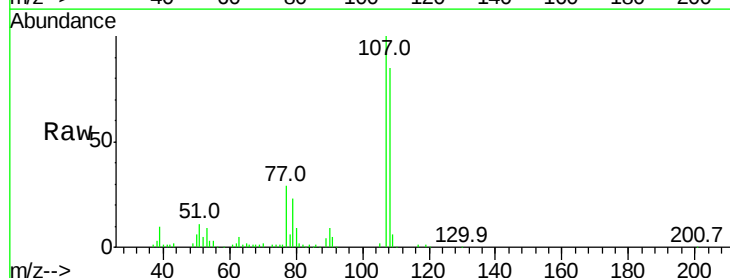
Ion Ratio Lower Upper

107 100

108 85.2 71.0 111.0

77 29.2 90.5 130.5#

79 22.9 8.4 48.4

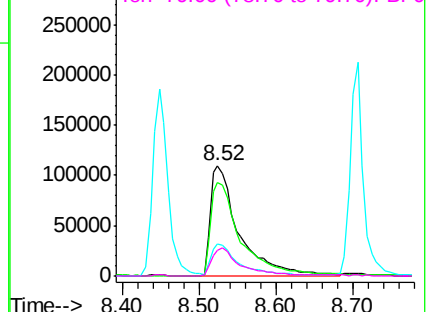
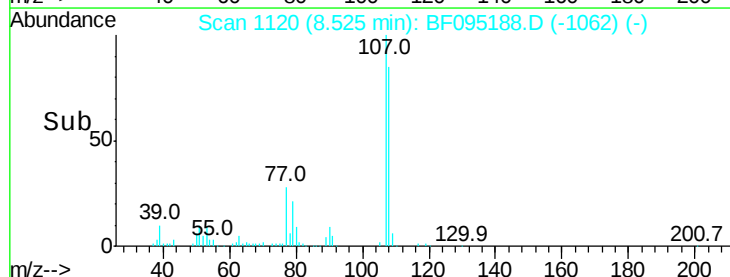


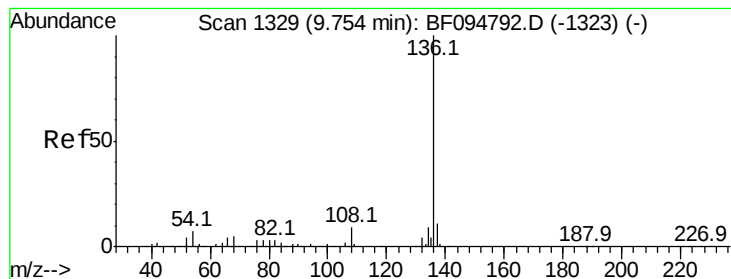
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.79 min Scan# 1335

Delta R.T. 0.04 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 419242

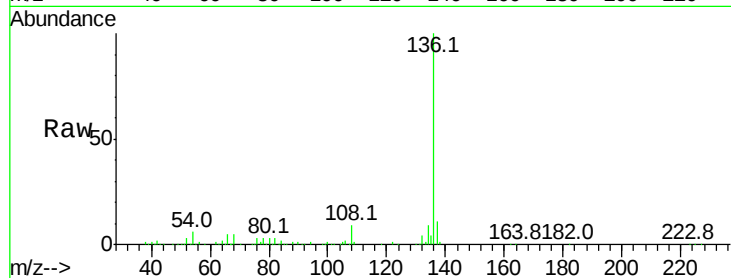
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.2 4.9 7.3

68 5.1 4.1 6.1

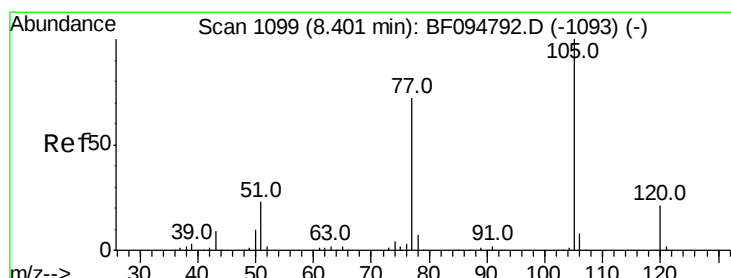
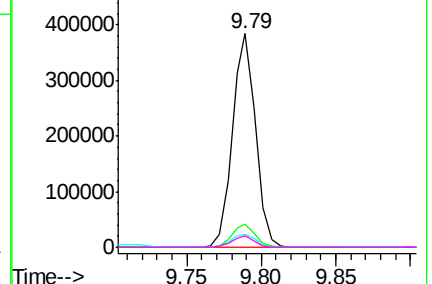
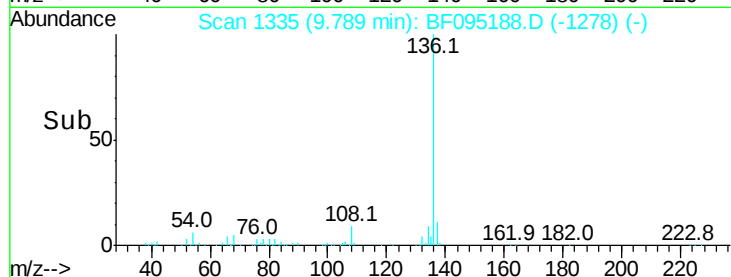


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.69 ng

RT: 8.45 min Scan# 1107

Delta R.T. 0.05 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Tgt Ion:105 Resp: 359013

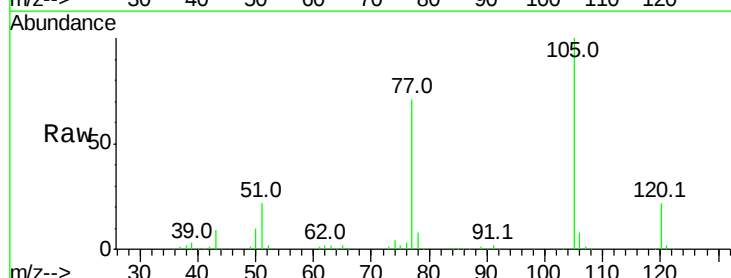
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.3 30.7 46.1#

120 21.7 17.4 26.0

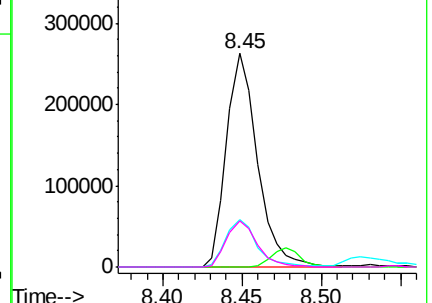
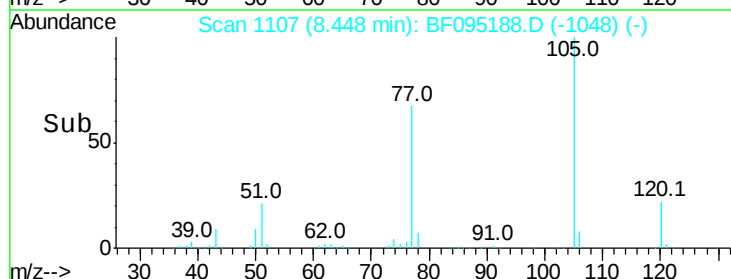


Abundance Ion 105.00 (104.70 to 105.70): E

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

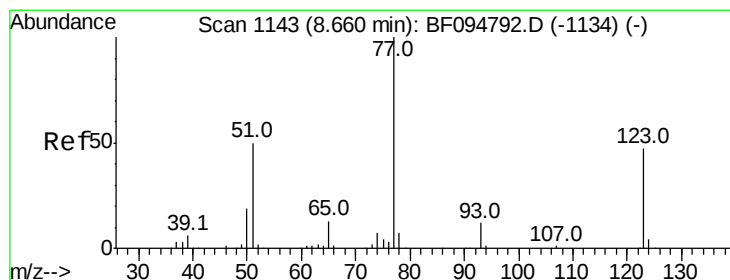
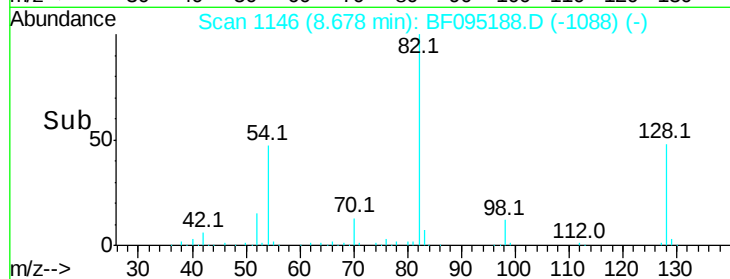
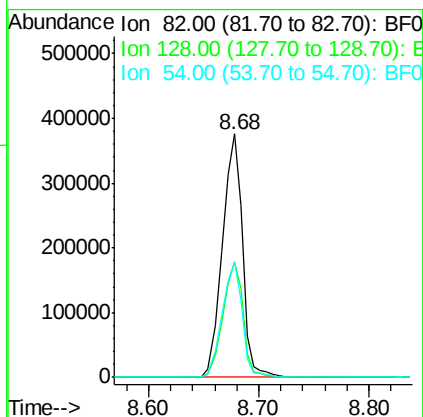
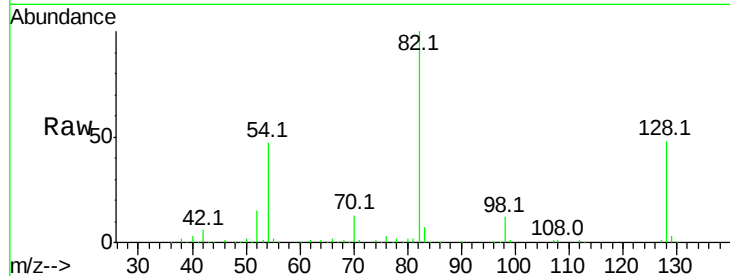




#23
 Nitrobenzene-d5
 Concen: 71.87 ng
 RT: 8.68 min Scan# 1146
 Delta R.T. 0.04 min
 Lab File: BF095188.D
 Acq: 17 May 2017 16:40

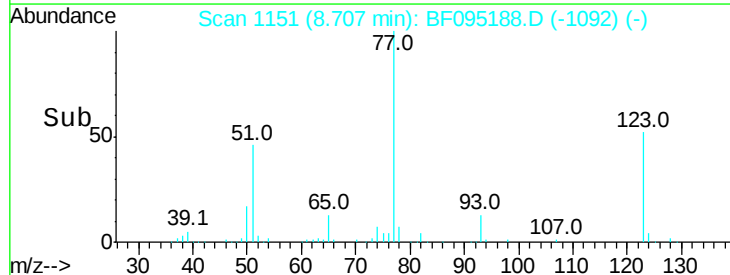
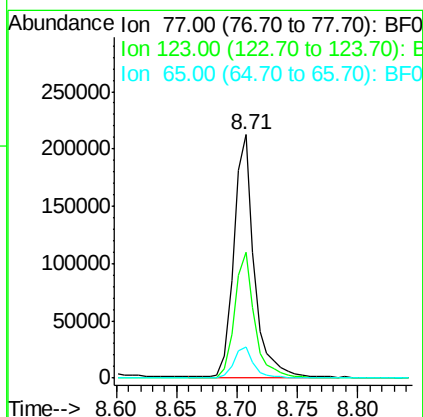
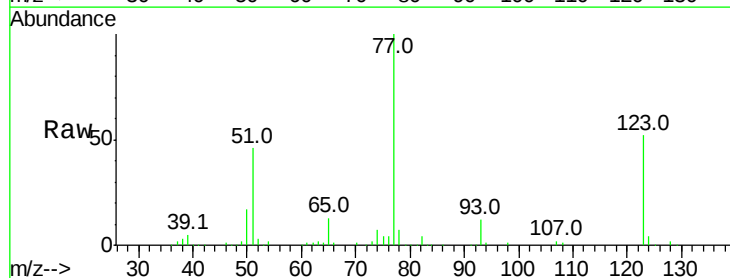
Instrument :
 BNA_F
 ClientSampleId :

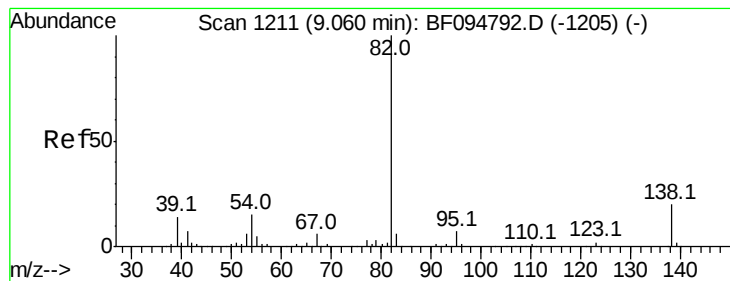
Tot Ion: 82 Resp: 477823
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.0 51.0
 54 47.4 42.2 63.2



#24
 Nitrobenzene
 Concen: 35.76 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. 0.05 min
 Lab File: BF095188.D
 Acq: 17 May 2017 16:40

Tgt Ion: 77 Resp: 249216
 Ion Ratio Lower Upper
 77 100
 123 51.9 35.8 53.8
 65 12.6 10.6 15.8





#25

Isophorone

Concen: 40.74 ng

RT: 9.11 min Scan# 1219

Delta R.T. 0.05 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA_F

ClientSampleId :

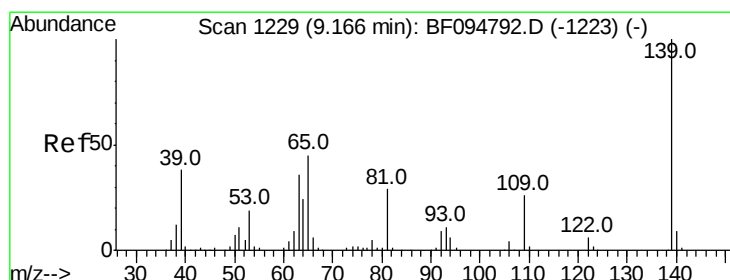
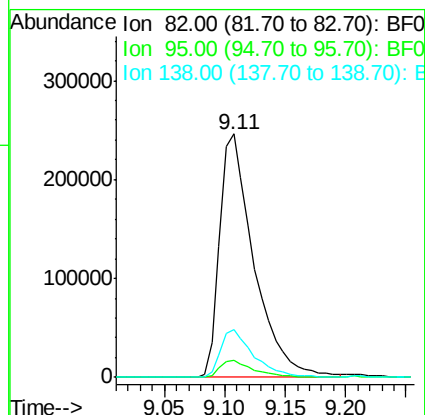
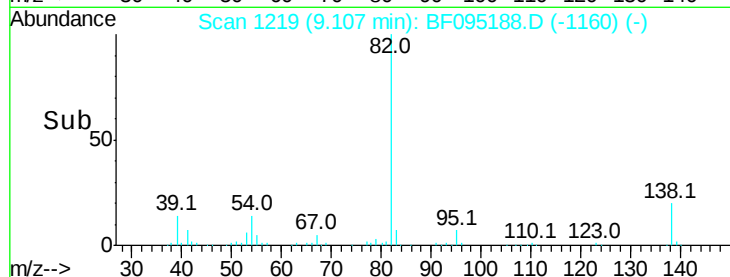
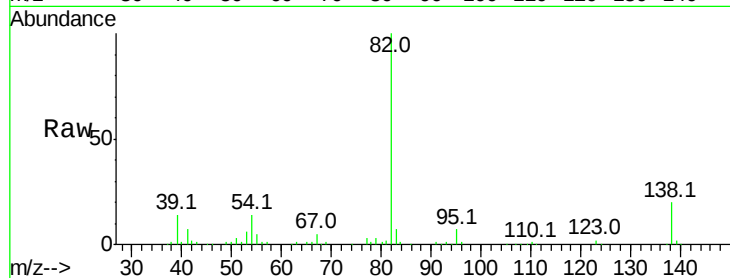
Tot Ion: 82 Resp: 483621

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 19.9 13.1 19.7#



#26

2-Nitrophenol

Concen: 42.26 ng

RT: 9.21 min Scan# 1236

Delta R.T. 0.04 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

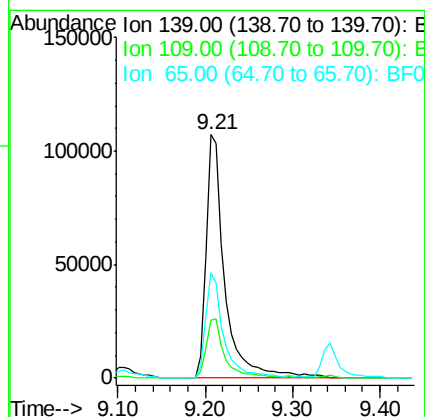
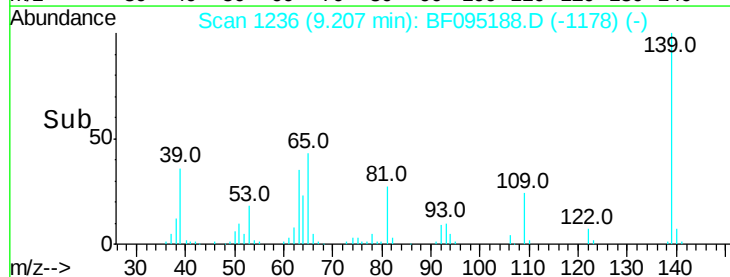
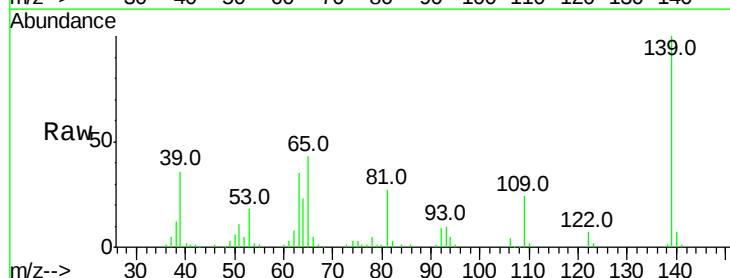
Tgt Ion:139 Resp: 158912

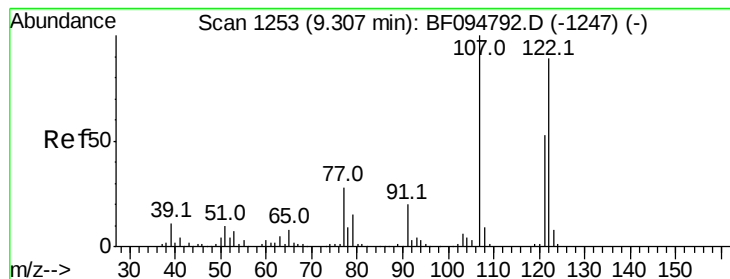
Ion Ratio Lower Upper

139 100

109 24.0 21.0 31.6

65 43.3 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 40.30 ng

RT: 9.34 min Scan# 1259

Delta R.T. 0.04 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :
BNA_F
ClientSampled :

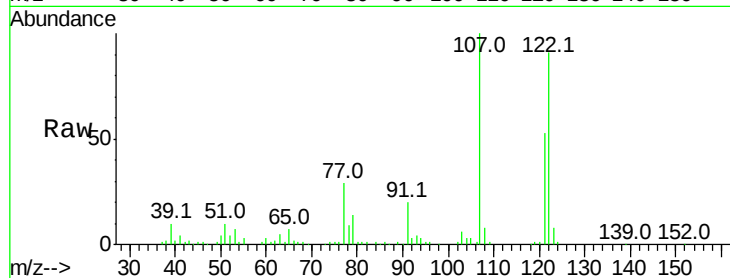
Tot Ion:122 Resp: 244990

Ion Ratio Lower Upper

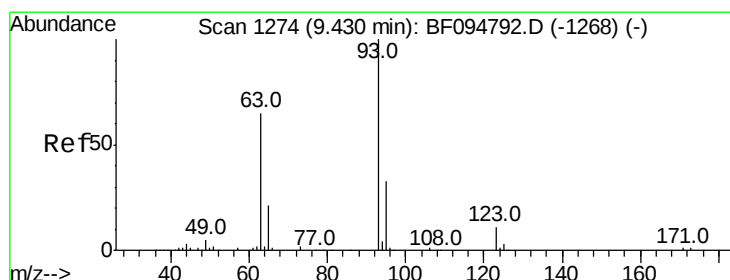
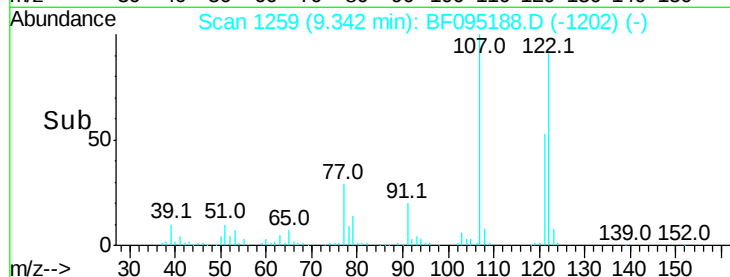
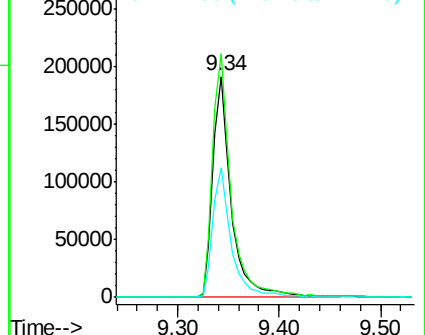
122 100

107 110.3 89.2 133.8

121 58.7 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: 40.47 ng

RT: 9.47 min Scan# 1280

Delta R.T. 0.04 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

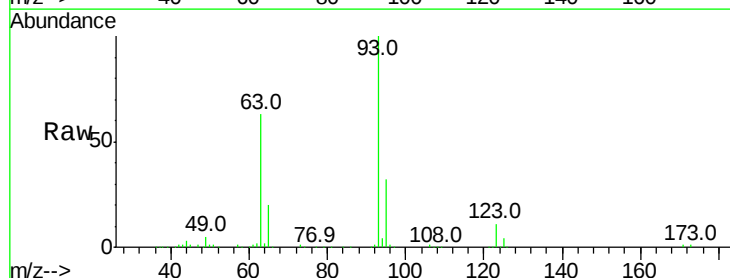
Tgt Ion: 93 Resp: 332359

Ion Ratio Lower Upper

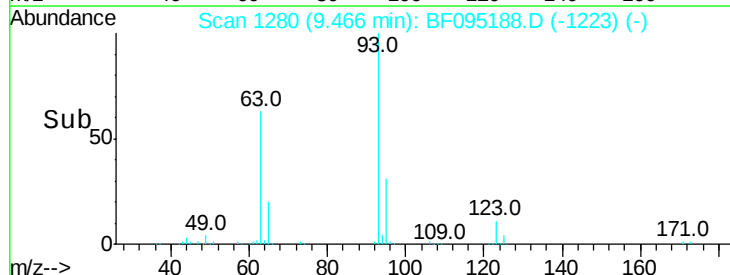
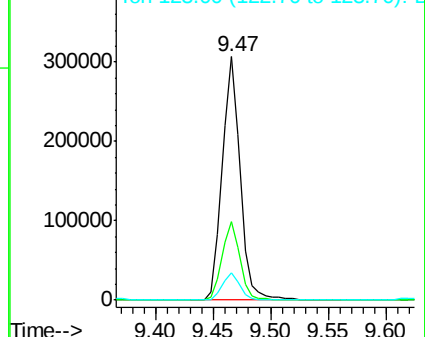
93 100

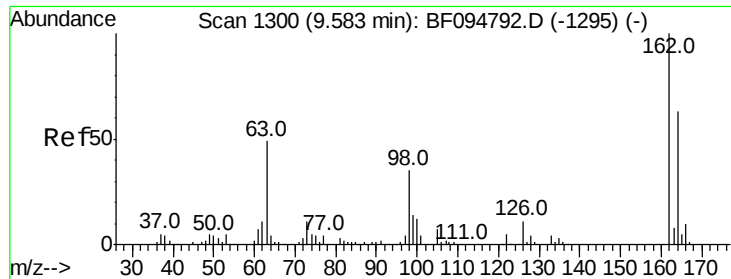
95 32.4 26.5 39.7

123 11.3 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

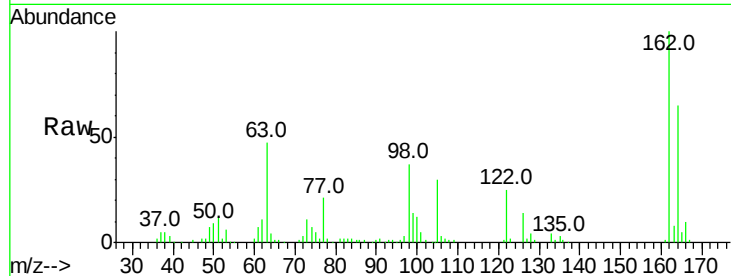




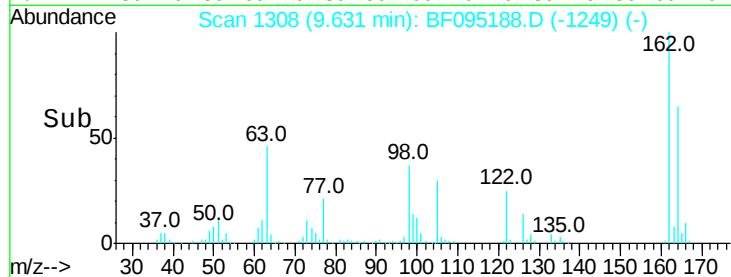
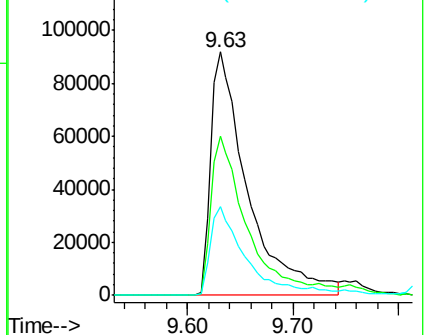
#29
 2,4-Dichlorophenol
 Concen: 39.28 ng
 RT: 9.63 min Scan# 1308
 Delta R.T. 0.05 min
 Lab File: BF095188.D
 Acq: 17 May 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.6	84.6
98	36.6	14.8	54.8

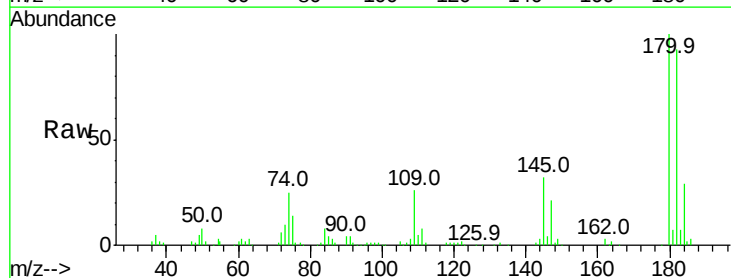


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

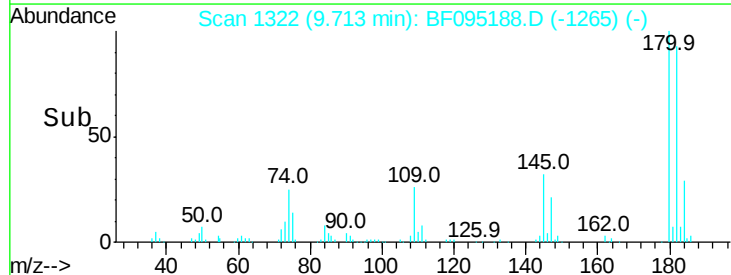
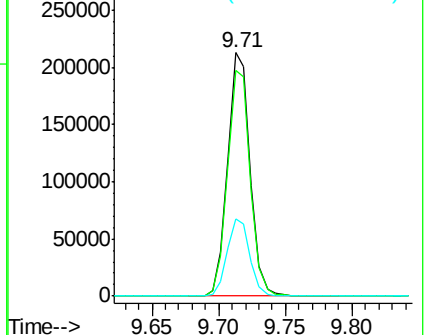


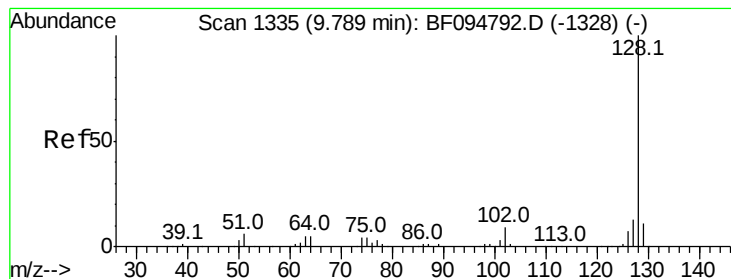
#30
 1,2,4-Trichlorobenzene
 Concen: 40.98 ng
 RT: 9.71 min Scan# 1322
 Delta R.T. 0.04 min
 Lab File: BF095188.D
 Acq: 17 May 2017 16:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	75.8	113.6
145	31.5	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: 39.07 ng

RT: 9.82 min Scan# 1341

Delta R.T. 0.04 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA_F

ClientSampleId :

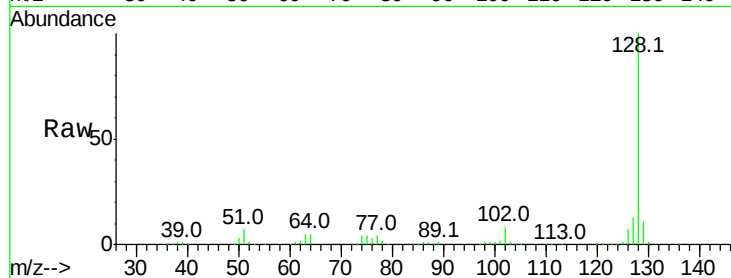
Tot Ion:128 Resp: 823332

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

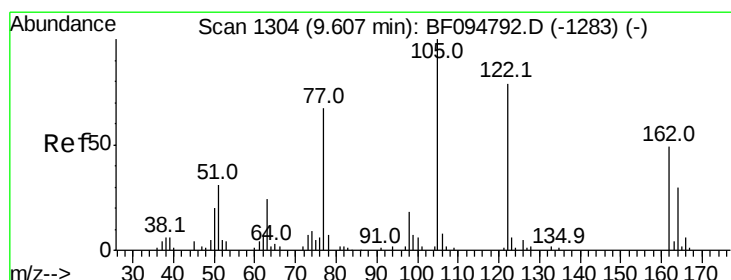
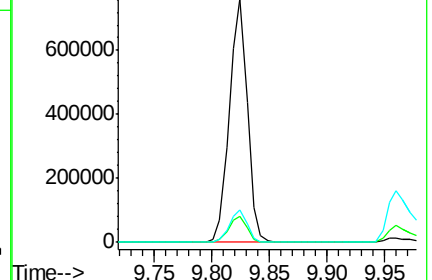
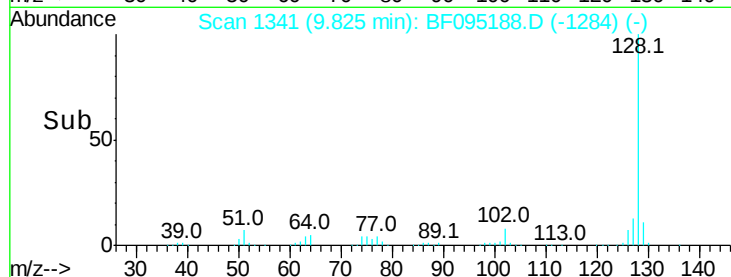
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.19 ng

RT: 9.66 min Scan# 1313

Delta R.T. 0.05 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

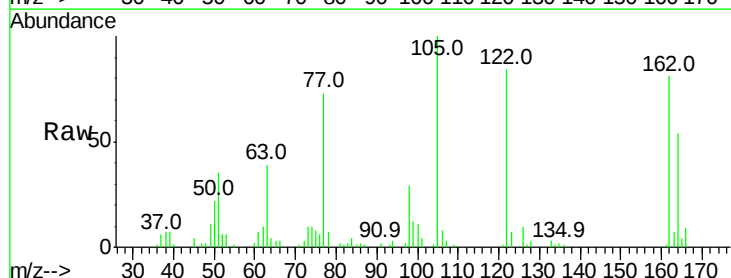
Tgt Ion:122 Resp: 107639

Ion Ratio Lower Upper

122 100

105 118.5 103.3 143.3

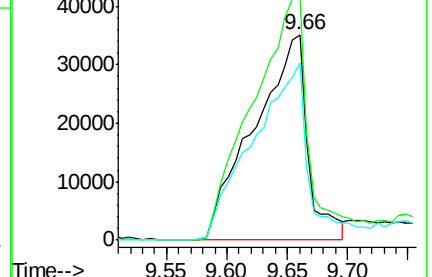
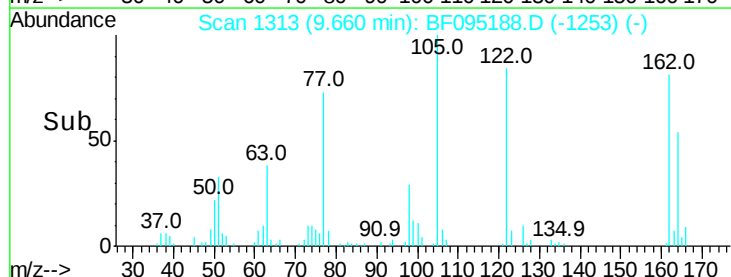
77 86.1 73.7 113.7

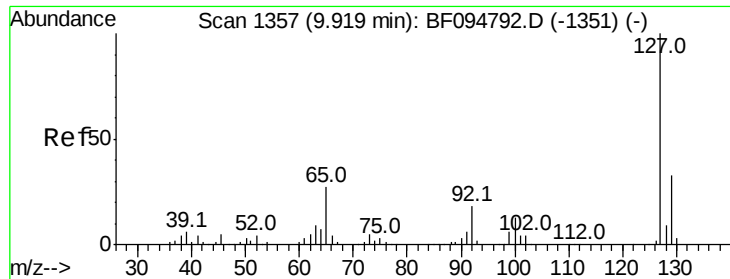


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

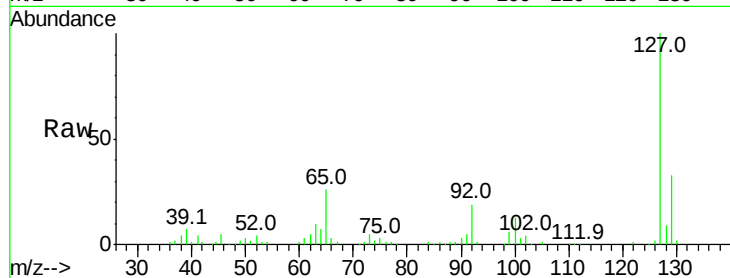




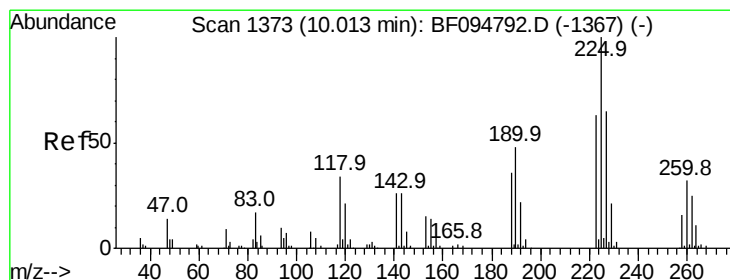
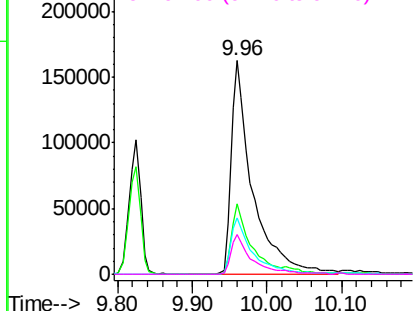
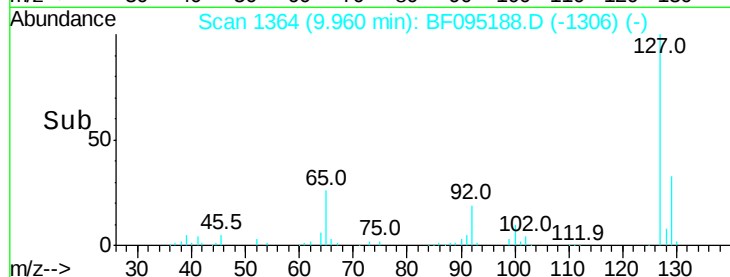
#33
4-Chloroaniline
Concen: 41.43 ng
RT: 9.96 min Scan# 1364
Delta R.T. 0.04 min
Lab File: BF095188.D
Acq: 17 May 2017 16:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	325314
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	26.4	27.8	41.8#
92	18.6	16.8	25.2

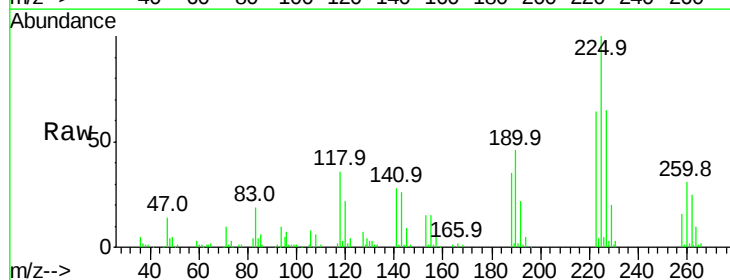


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

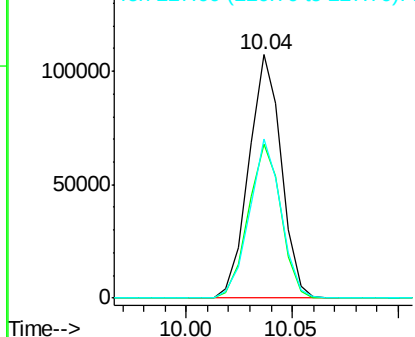
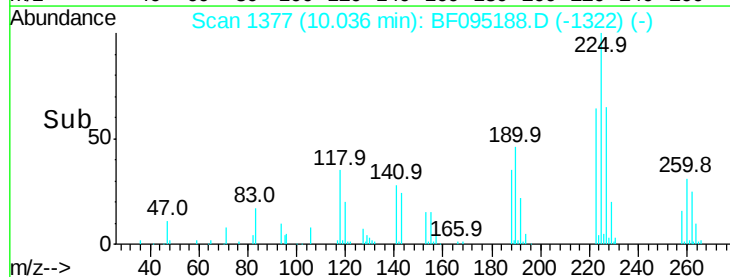


#34
Hexachlorobutadiene
Concen: 35.26 ng
RT: 10.04 min Scan# 1377
Delta R.T. 0.02 min
Lab File: BF095188.D
Acq: 17 May 2017 16:40

Tgt Ion:	225	Resp:	114426
Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.8	73.2
227	65.1	51.1	76.7



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





#35

Caprolactam

Concen: 6.76 ng

RT: 10.65 min Scan# 1482

Delta R.T. 0.12 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA_F

ClientSampleId :

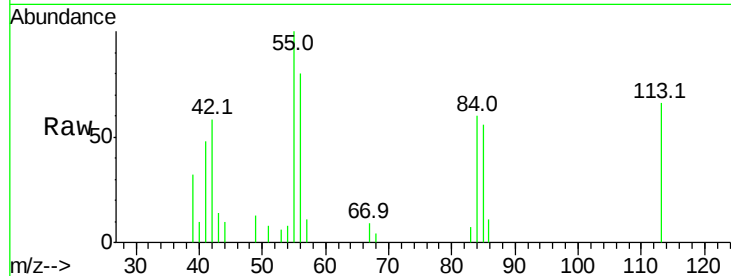
Tot Ion:113 Resp: 11659

Ion Ratio Lower Upper

113 100

55 151.4 150.2 190.2

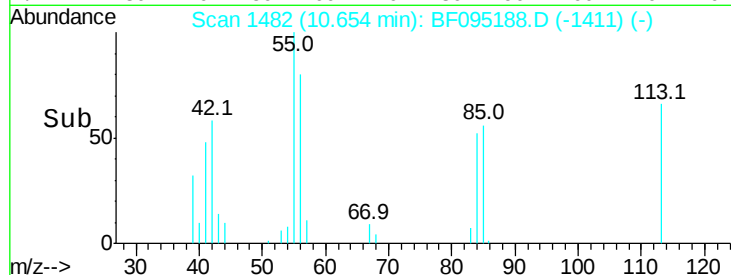
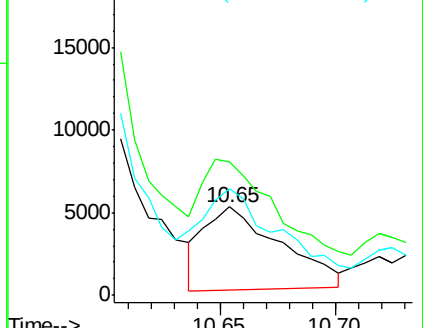
56 121.3 107.8 147.8



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: 40.69 ng

RT: 10.81 min Scan# 1509

Delta R.T. 0.04 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

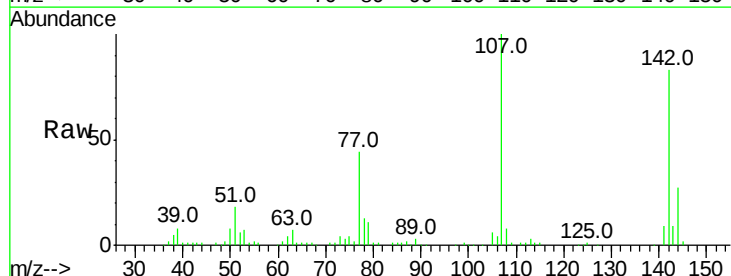
Tgt Ion:107 Resp: 249731

Ion Ratio Lower Upper

107 100

144 27.0 24.2 36.4

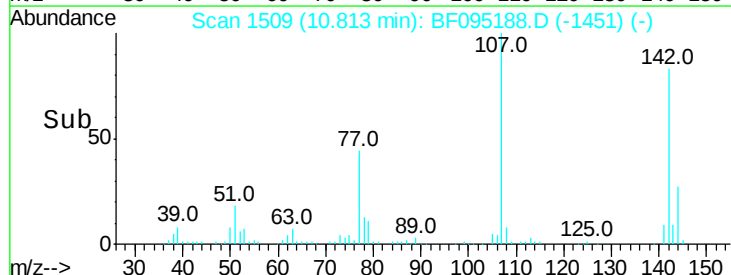
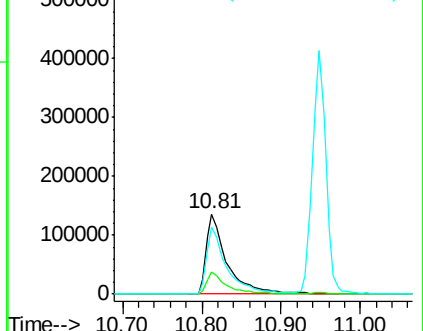
142 83.0 73.4 110.0

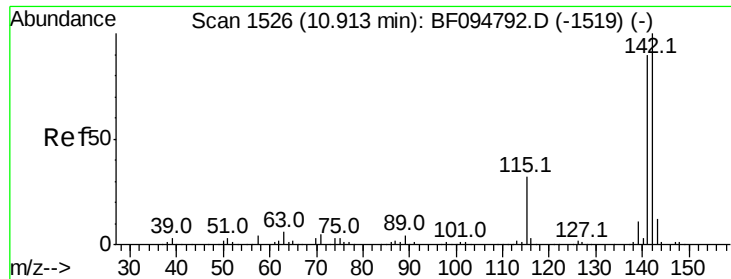


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

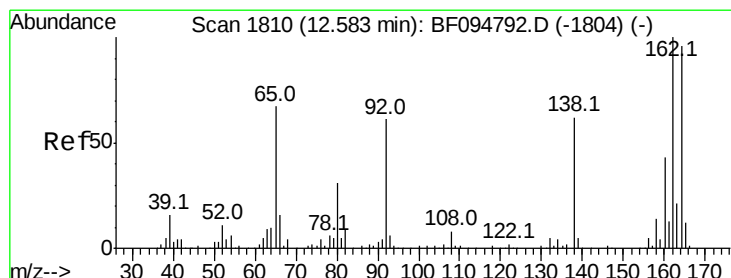
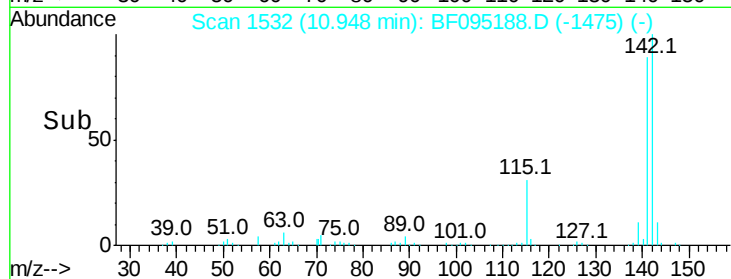
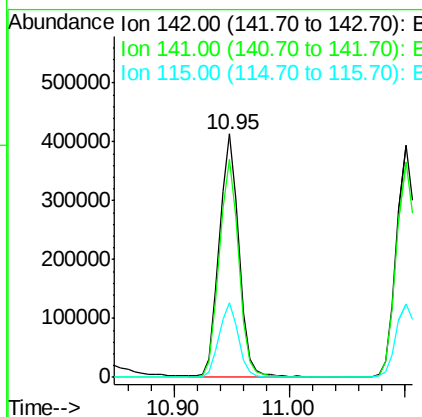
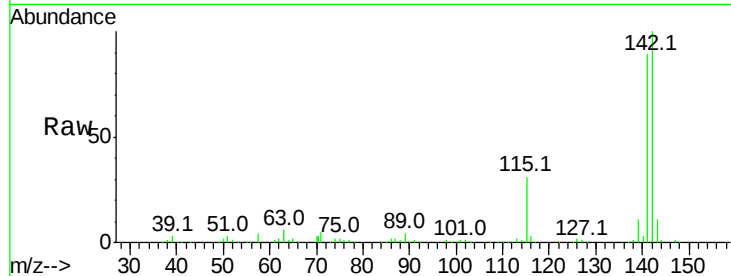




#37
2-Methylnaphthalene
Concen: 35.31 ng
RT: 10.95 min Scan# 1532
Delta R.T. 0.04 min
Lab File: BF095188.D
Acq: 17 May 2017 16:40

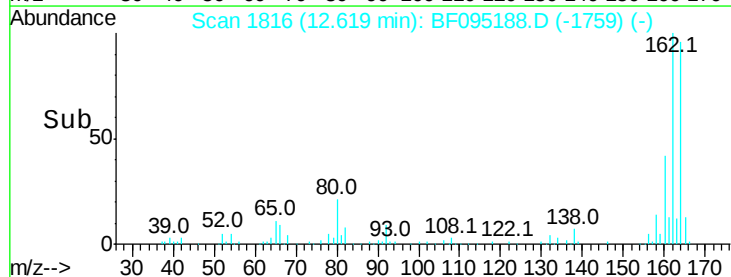
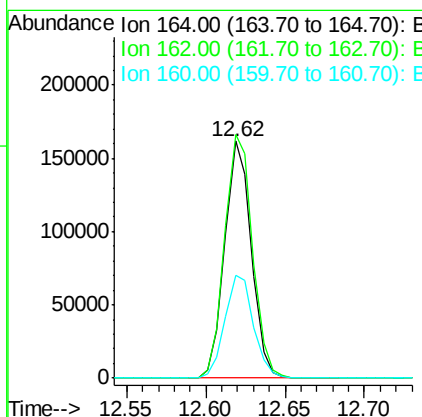
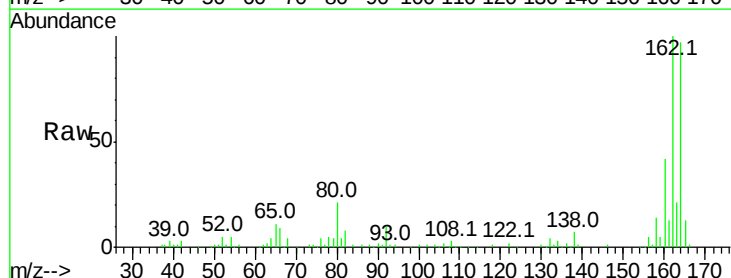
Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 488294
Ion Ratio Lower Upper
142 100
141 89.4 71.3 106.9
115 30.5 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1816
Delta R.T. 0.04 min
Lab File: BF095188.D
Acq: 17 May 2017 16:40

Tgt Ion:164 Resp: 187583
Ion Ratio Lower Upper
164 100
162 102.7 82.6 123.8
160 43.6 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.77 ng

RT: 11.22 min Scan# 1579

Delta R.T. 0.04 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 206370

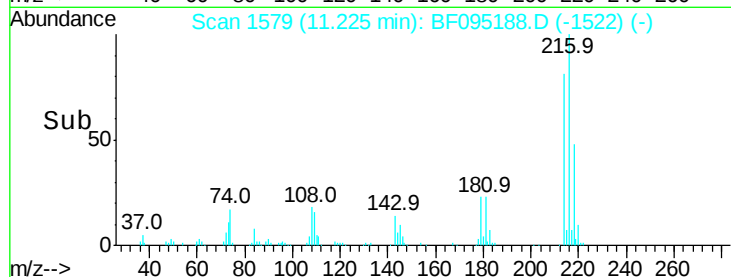
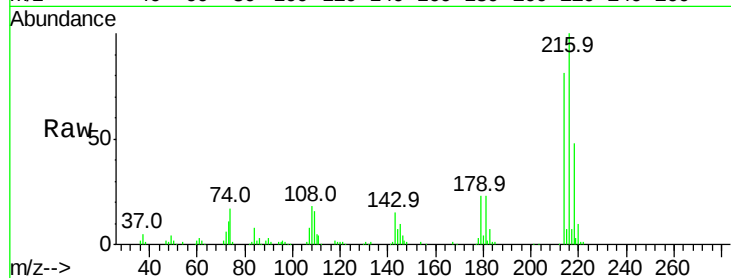
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.2

179 22.1 17.9 26.9

108 18.7 16.5 24.7

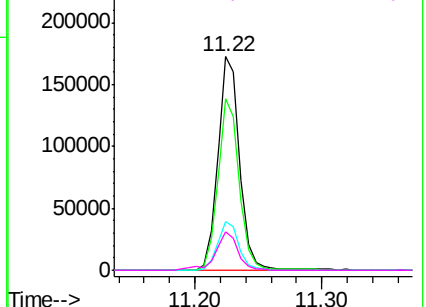


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 33.52 ng

RT: 11.20 min Scan# 1575

Delta R.T. 0.03 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

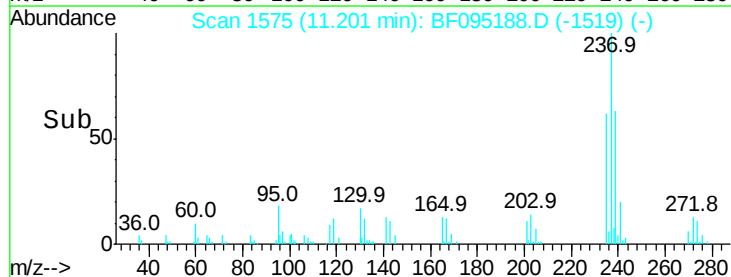
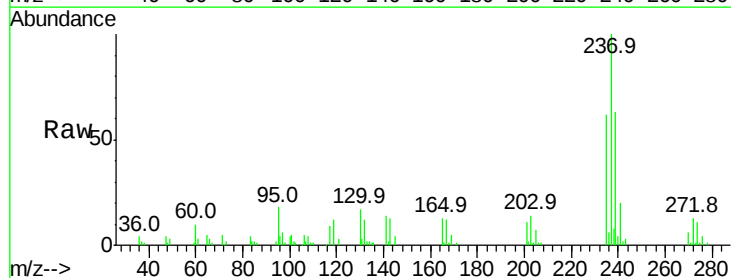
Tgt Ion:237 Resp: 72059

Ion Ratio Lower Upper

237 100

235 62.3 42.6 82.6

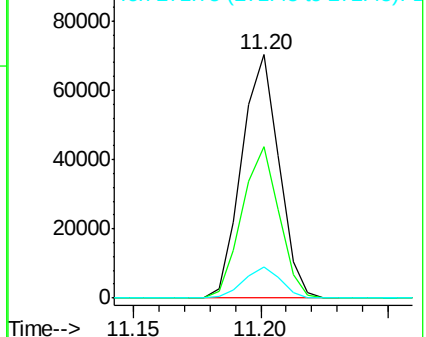
272 12.6 0.0 31.9

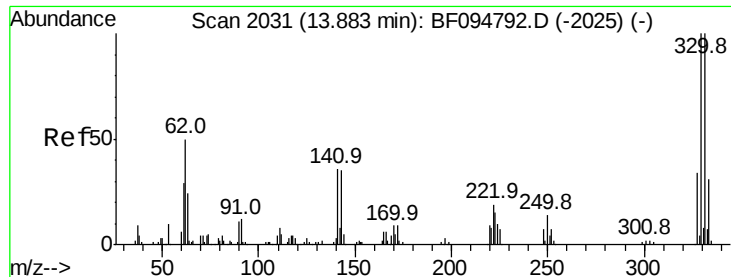


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

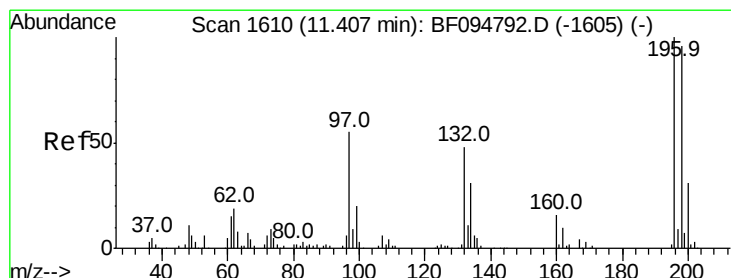
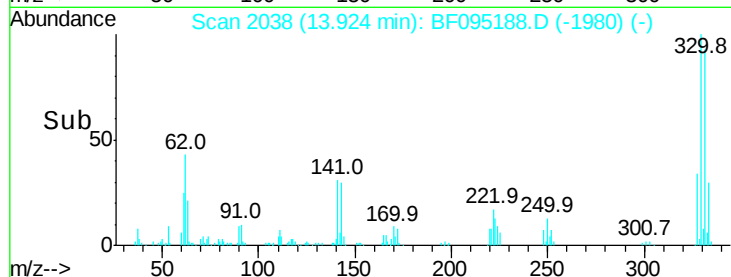
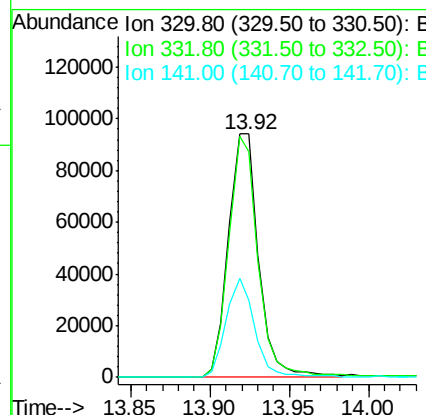
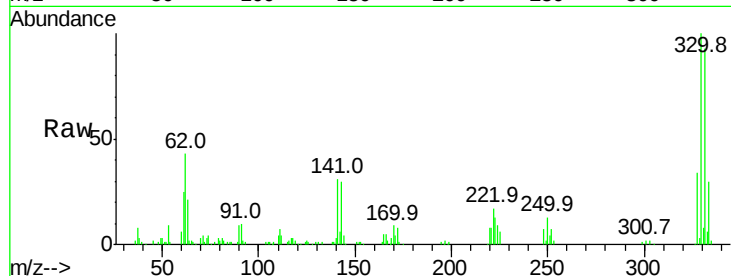




#41
 2,4,6-Tribromophenol
 Concen: 81.32 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. 0.04 min
 Lab File: BF095188.D
 Acq: 17 May 2017 16:40

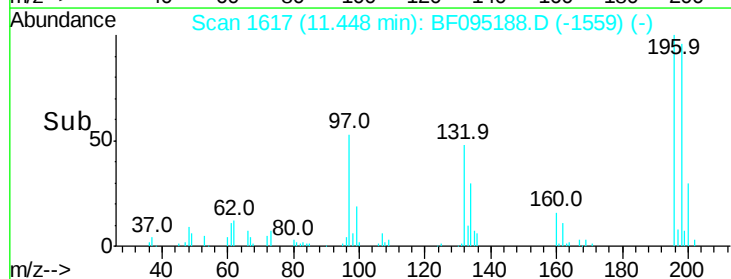
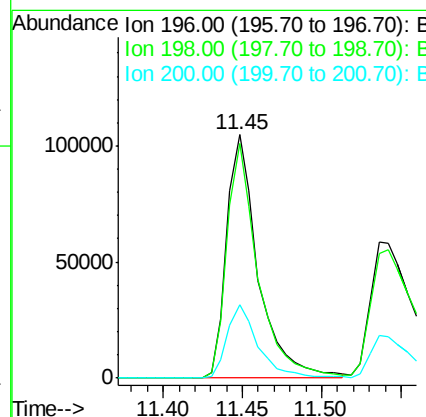
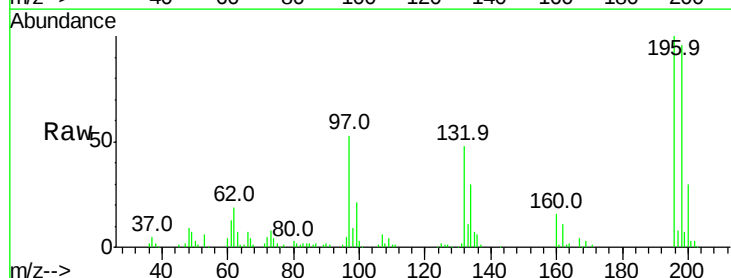
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	38.7	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 37.47 ng
 RT: 11.45 min Scan# 1617
 Delta R.T. 0.04 min
 Lab File: BF095188.D
 Acq: 17 May 2017 16:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	74.2	111.4
200	30.1	24.0	36.0

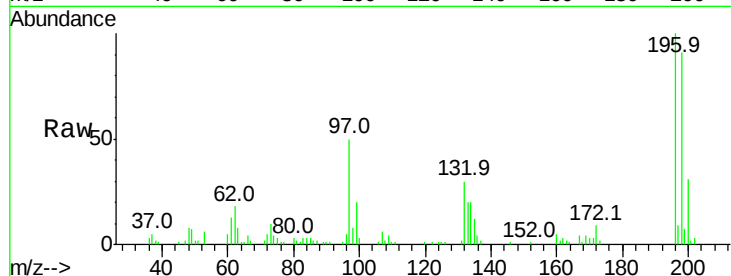




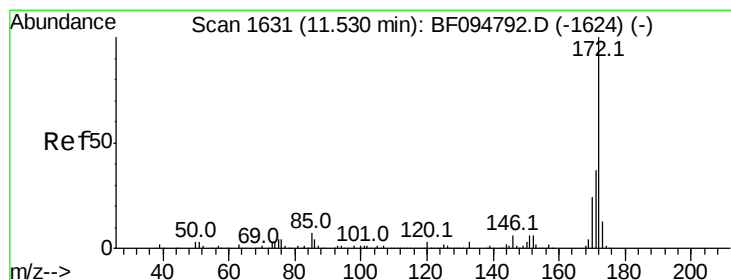
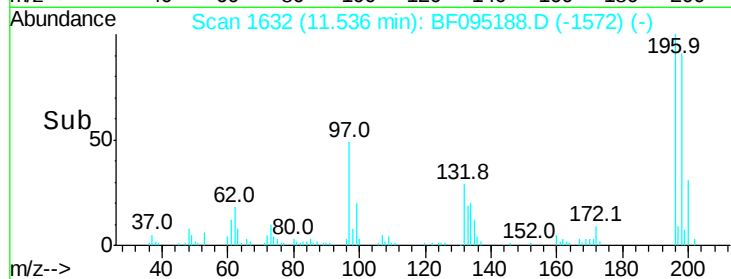
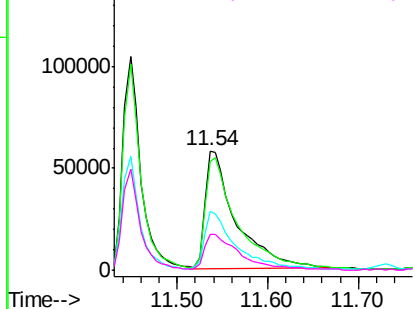
#43
 2,4,5-Trichlorophenol
 Concen: 33.72 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.05 min
 Lab File: BF095188.D
 Acq: 17 May 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 139569
 Ion Ratio Lower Upper
 196 100
 198 91.4 75.7 113.5
 97 49.6 47.7 71.5
 132 29.8 28.0 42.0

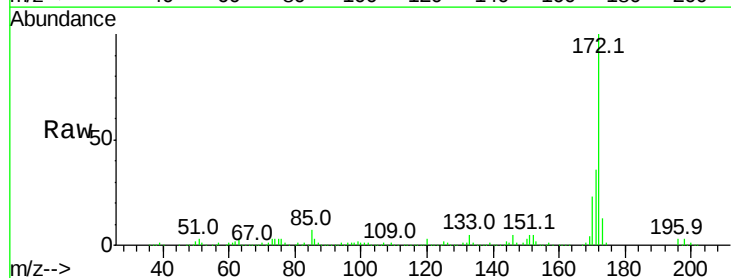


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

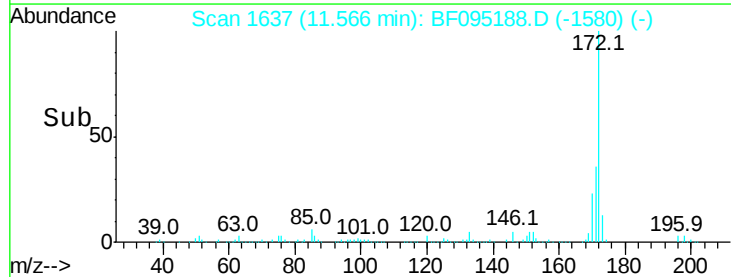
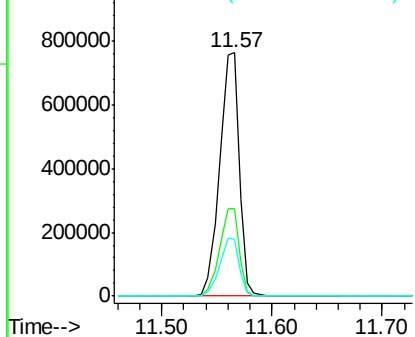


#44
 2-Fluorobiphenyl
 Concen: 72.86 ng
 RT: 11.57 min Scan# 1637
 Delta R.T. 0.04 min
 Lab File: BF095188.D
 Acq: 17 May 2017 16:40

Tgt Ion:172 Resp: 949578
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.3 19.8 29.8



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

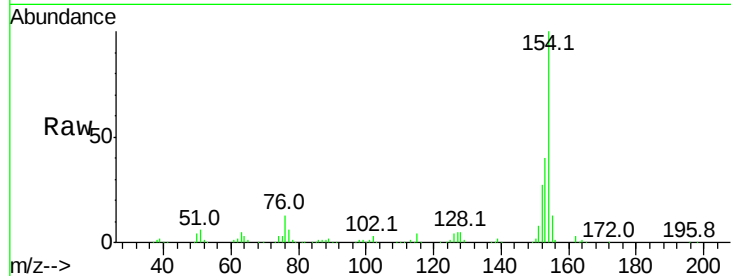




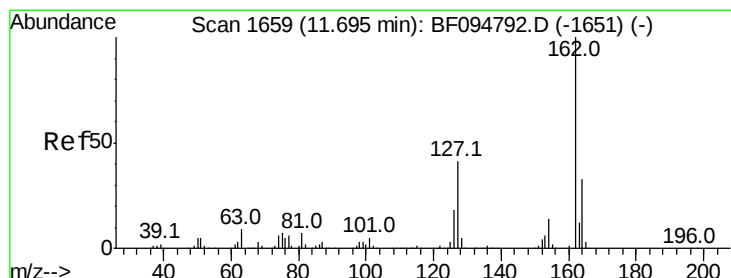
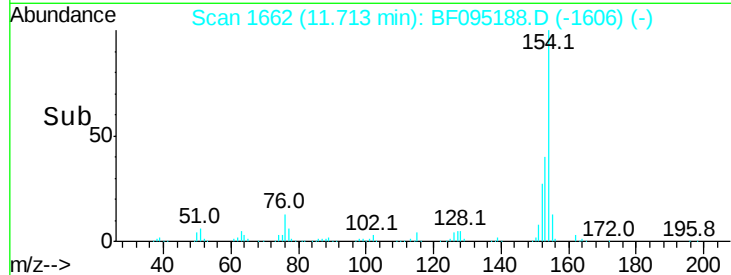
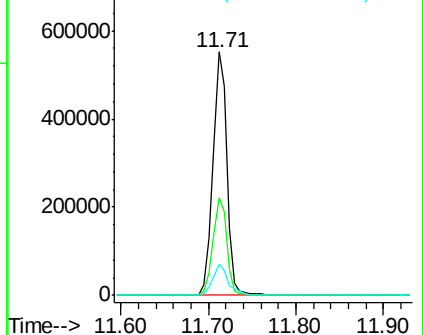
#45
 1,1'-Biphenyl
 Concen: 39.07 ng
 RT: 11.71 min Scan# 1662
 Delta R.T. 0.03 min
 Lab File: BF095188.D
 Acq: 17 May 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.2	61.2
76	12.7	0.0	29.9

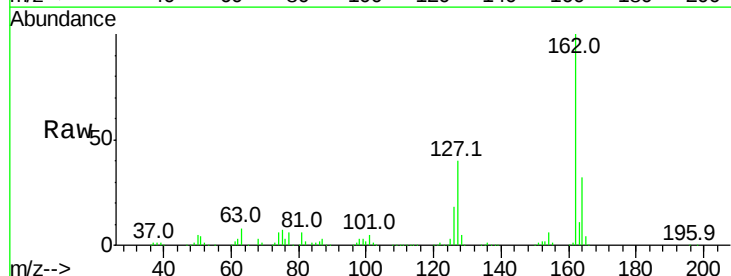


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

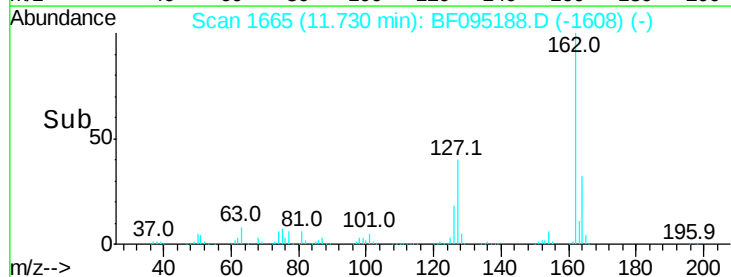
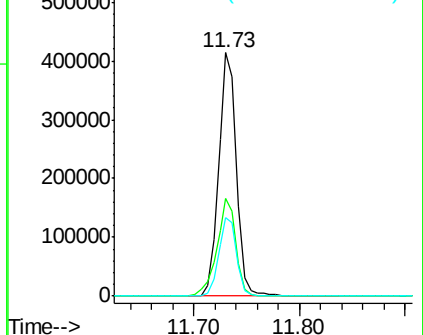


#46
 2-Chloronaphthalene
 Concen: 38.42 ng
 RT: 11.73 min Scan# 1665
 Delta R.T. 0.04 min
 Lab File: BF095188.D
 Acq: 17 May 2017 16:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	28.3	42.5
164	32.1	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

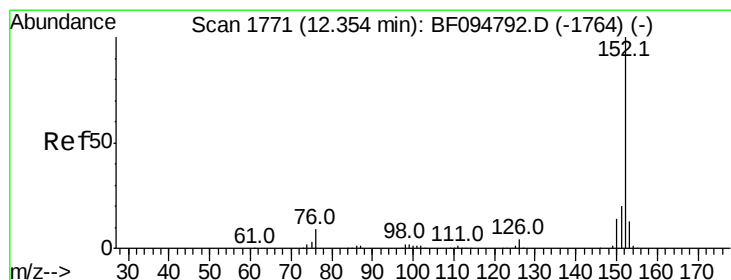
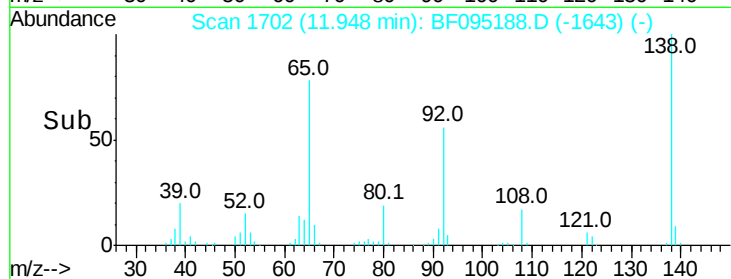
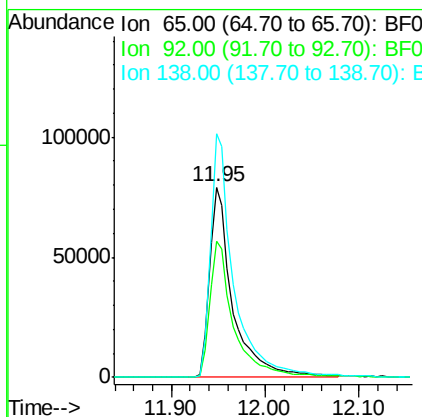
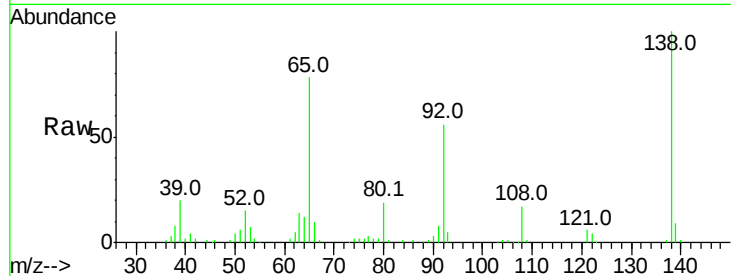




#47
 2-Nitroaniline
 Concen: 39.46 ng
 RT: 11.95 min Scan# 1702
 Delta R.T. 0.05 min
 Lab File: BF095188.D
 Acq: 17 May 2017 16:40

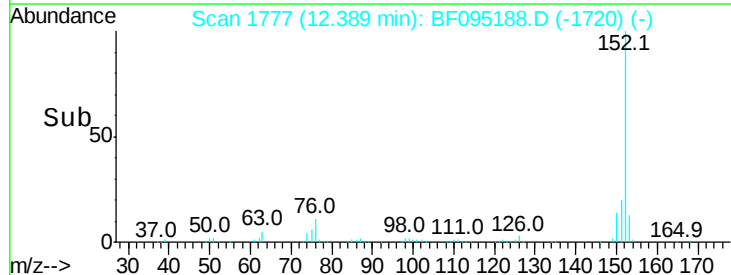
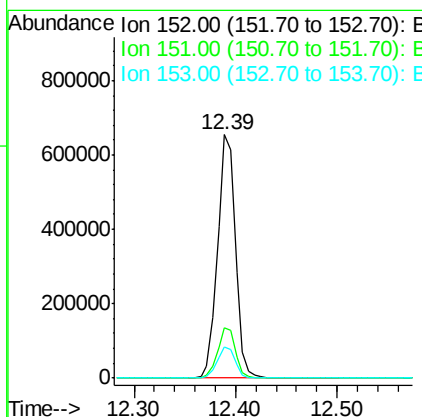
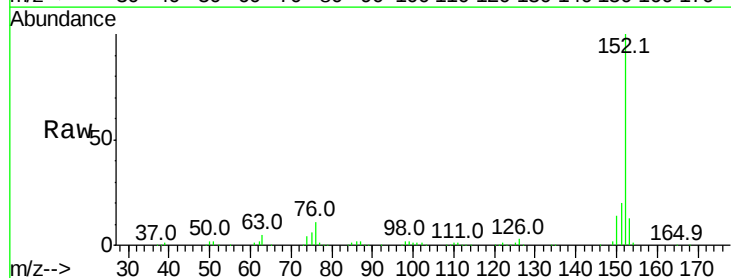
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 65 Resp: 137724
 Ion Ratio Lower Upper
 65 100
 92 71.3 53.9 80.9
 138 127.8 78.8 118.2#



#48
 Acenaphthylene
 Concen: 40.21 ng
 RT: 12.39 min Scan# 1777
 Delta R.T. 0.04 min
 Lab File: BF095188.D
 Acq: 17 May 2017 16:40

Tgt Ion: 152 Resp: 803092
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.8 25.2
 153 12.9 10.8 16.2





#49

Dimethylphthalate

Concen: 39.26 ng

RT: 12.27 min Scan# 1756

Delta R.T. 0.04 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA_F

ClientSampleId :

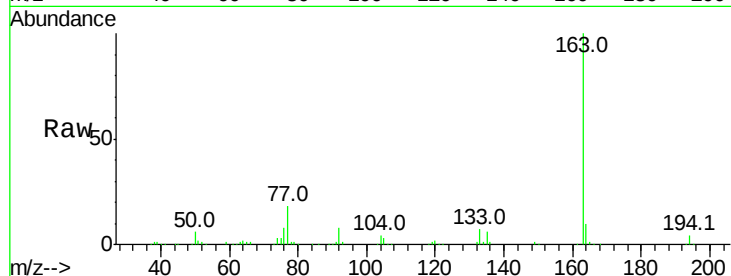
Tot Ion:163 Resp: 604530

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

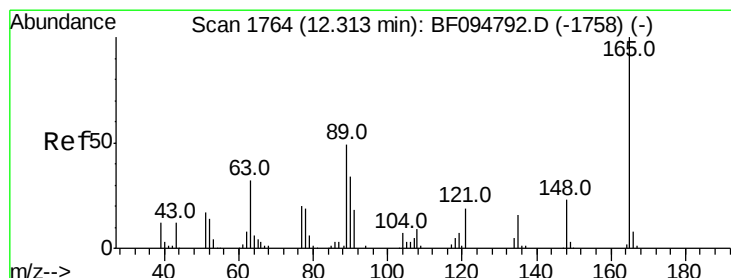
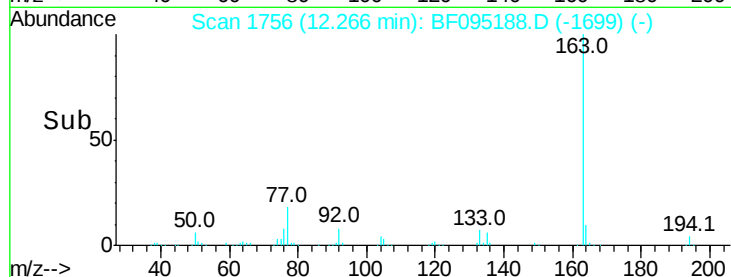
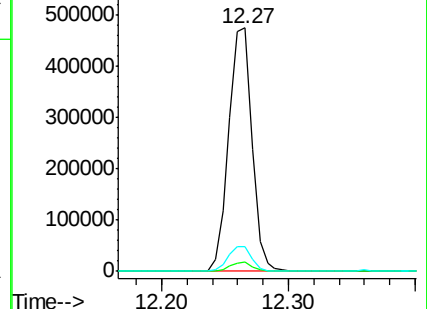
164 9.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.83 ng

RT: 12.36 min Scan# 1772

Delta R.T. 0.05 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

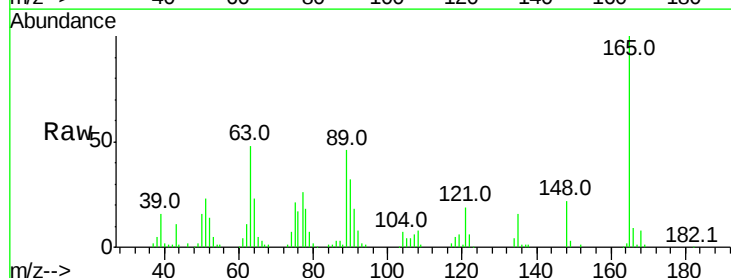
Tgt Ion:165 Resp: 128289

Ion Ratio Lower Upper

165 100

63 47.9 34.3 51.5

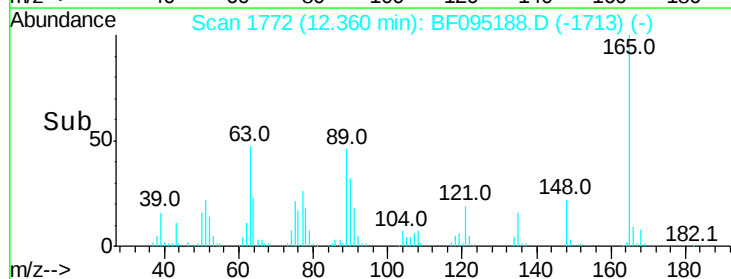
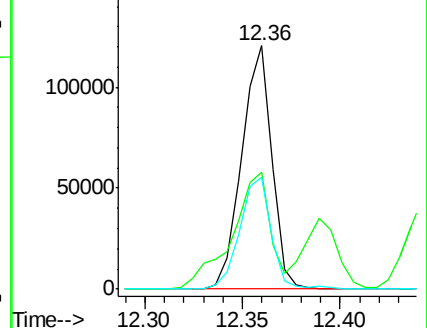
89 46.1 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.31 ng

RT: 12.68 min Scan# 1826

Delta R.T. 0.04 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA_F

ClientSampleId :

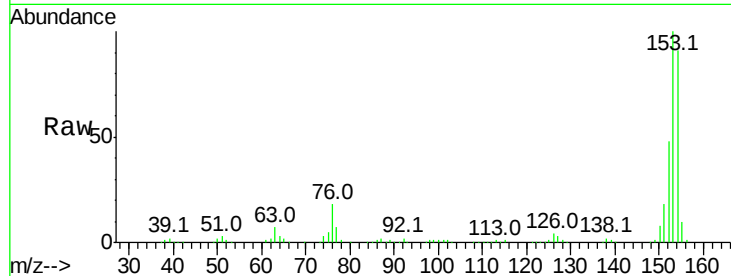
Tot Ion:154 Resp: 468958

Ion Ratio Lower Upper

154 100

153 110.3 90.5 135.7

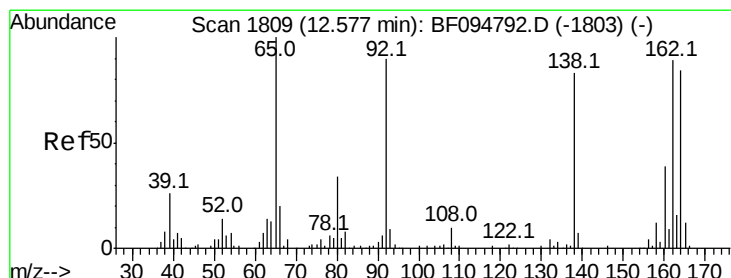
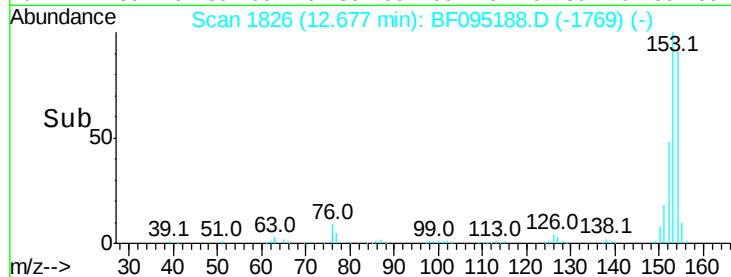
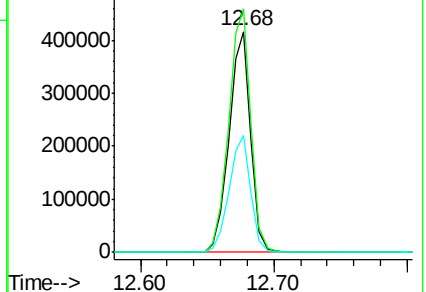
152 52.9 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.56 ng

RT: 12.63 min Scan# 1818

Delta R.T. 0.05 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

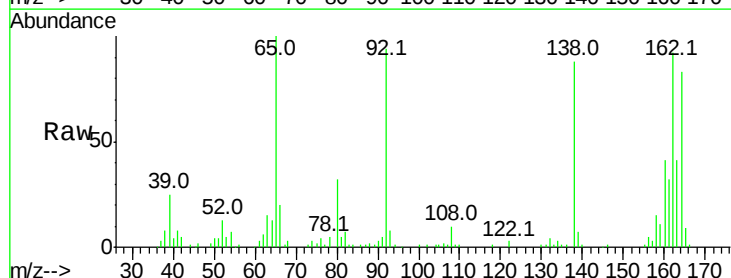
Tgt Ion:138 Resp: 136777

Ion Ratio Lower Upper

138 100

108 11.4 9.1 13.7

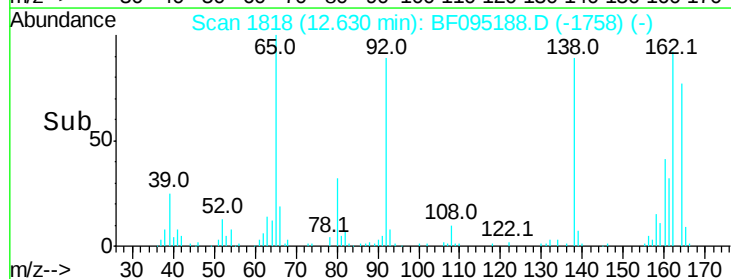
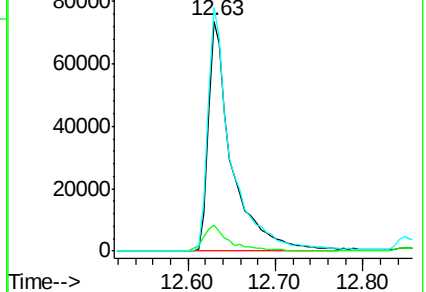
92 105.9 93.8 140.6

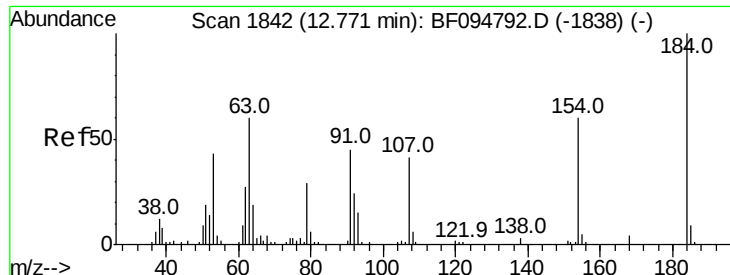


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 35.78 ng

RT: 12.85 min Scan# 1855

Delta R.T. 0.08 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA_F

ClientSampled :

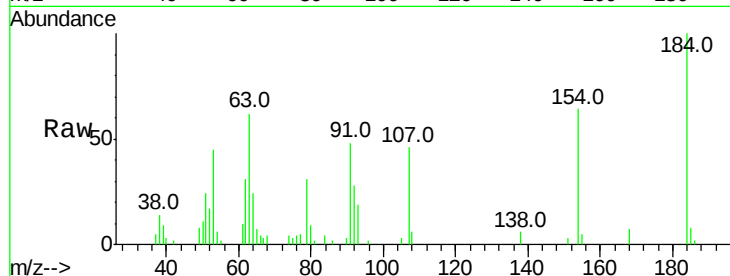
Tot Ion:184 Resp: 55442

Ion Ratio Lower Upper

184 100

63 61.7 62.7 94.1#

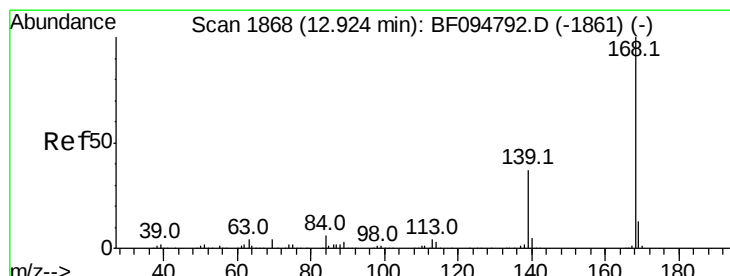
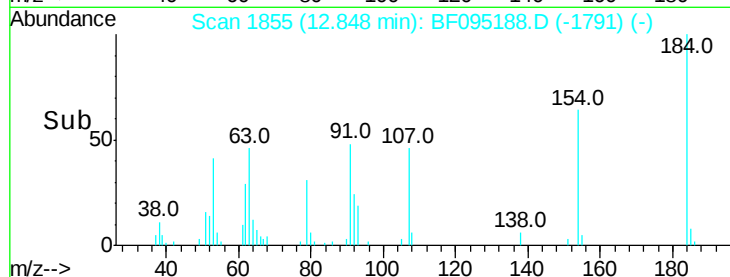
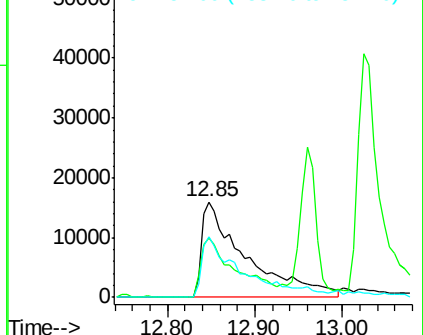
154 63.9 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 40.77 ng

RT: 12.96 min Scan# 1874

Delta R.T. 0.04 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

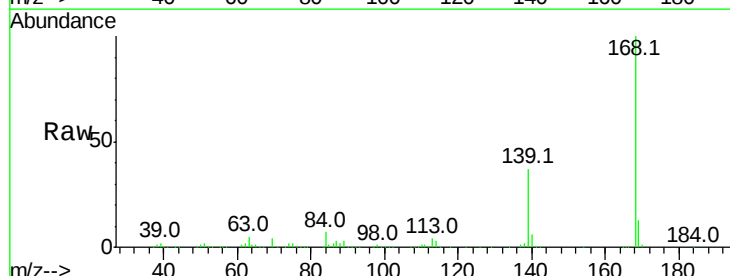
Tgt Ion:168 Resp: 673159

Ion Ratio Lower Upper

168 100

139 37.3 30.6 45.8

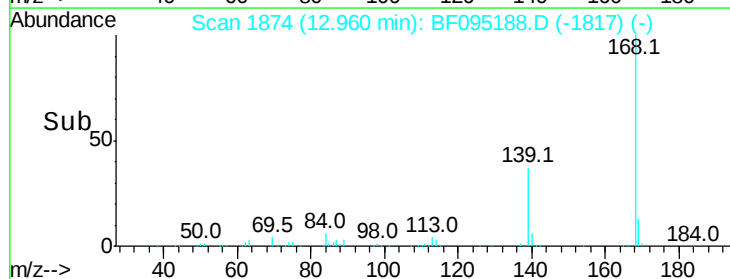
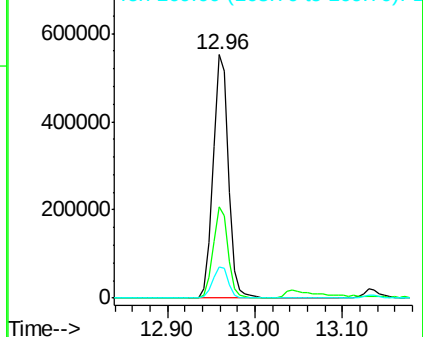
169 12.7 10.8 16.2



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

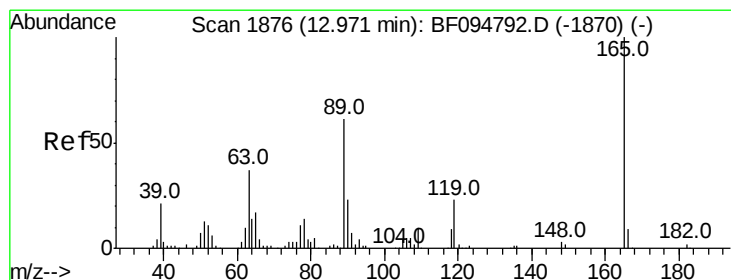
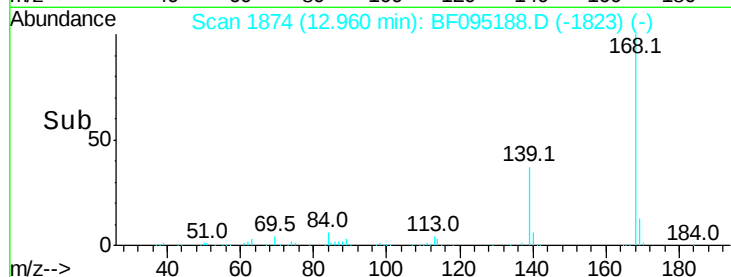
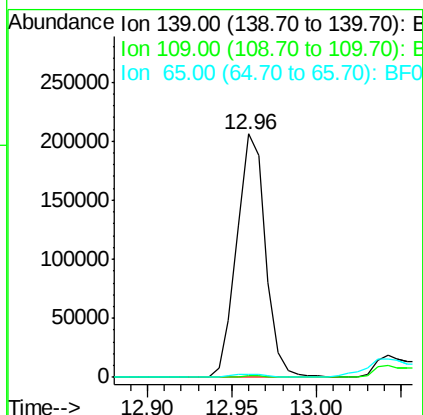
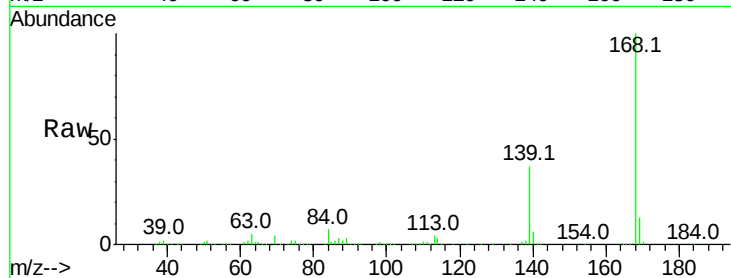




#55
4-Nitrophenol
Concen: 120.87 ng
RT: 12.96 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BF095188.D
Acq: 17 May 2017 16:40

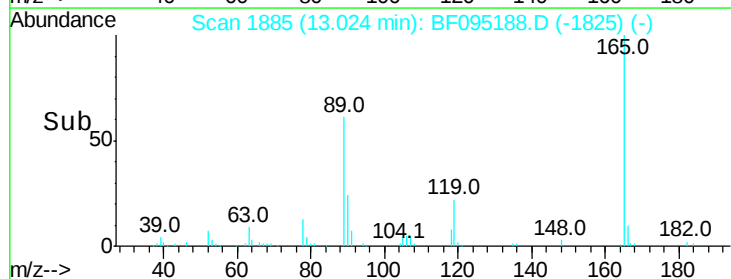
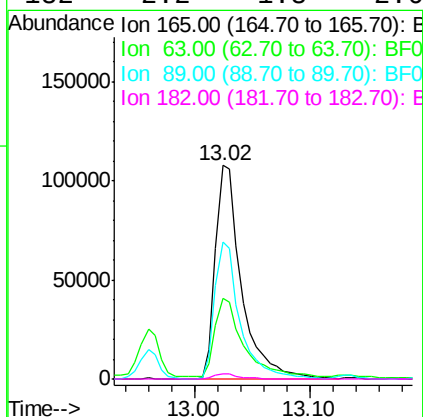
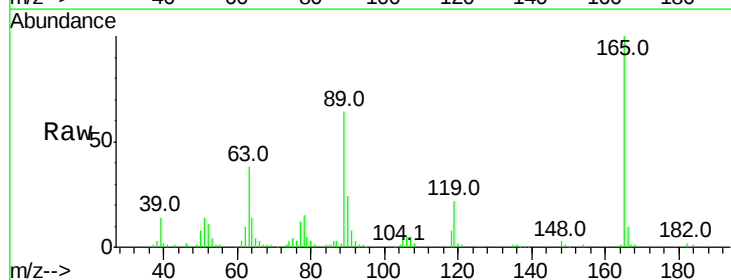
Instrument :
BNA_F
ClientSampled :

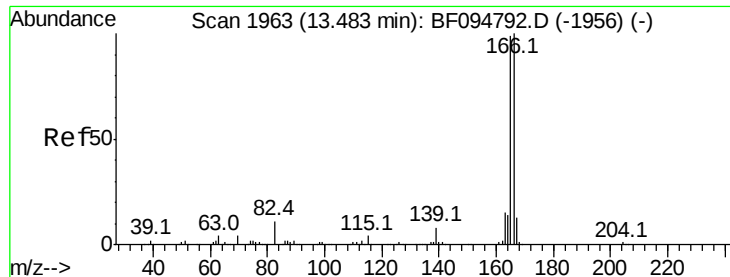
Tot Ion:139 Resp: 244805
Ion Ratio Lower Upper
139 100
109 0.7 34.1 74.1#
65 1.4 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 42.02 ng
RT: 13.02 min Scan# 1885
Delta R.T. 0.05 min
Lab File: BF095188.D
Acq: 17 May 2017 16:40

Tgt Ion:165 Resp: 169649
Ion Ratio Lower Upper
165 100
63 37.8 25.4 38.0
89 64.4 46.4 69.6
182 2.2 1.8 2.6





#57

Fluorene

Concen: 38.83 ng

RT: 13.52 min Scan# 1969

Delta R.T. 0.04 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA_F

ClientSampleId :

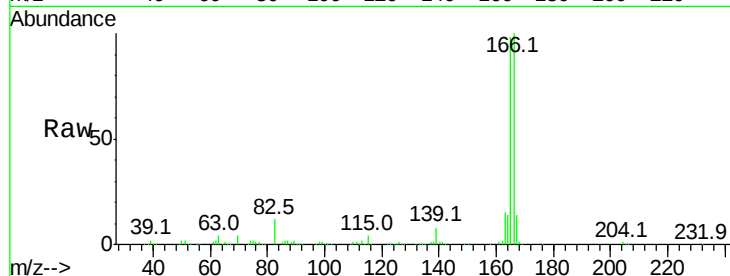
Tot Ion:166 Resp: 557373

Ion Ratio Lower Upper

166 100

165 97.7 78.8 118.2

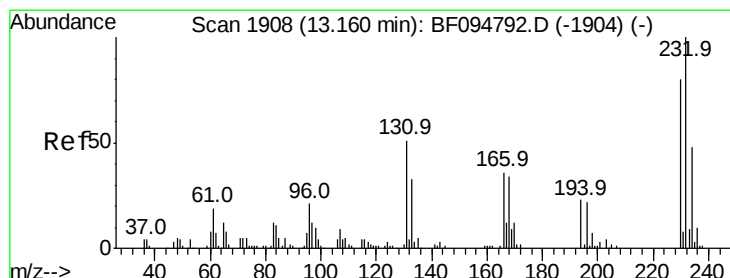
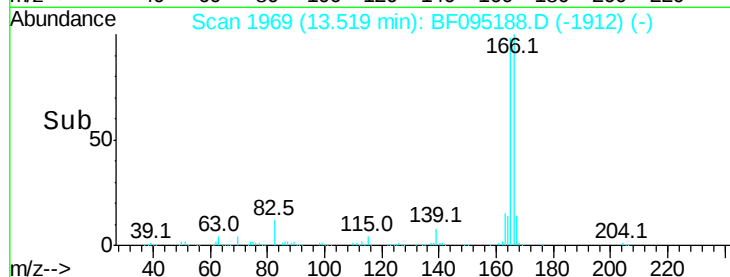
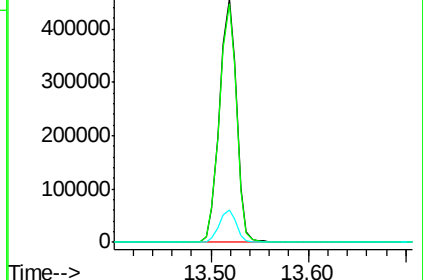
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.24 ng

RT: 13.21 min Scan# 1916

Delta R.T. 0.05 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Tgt Ion:232 Resp: 107441

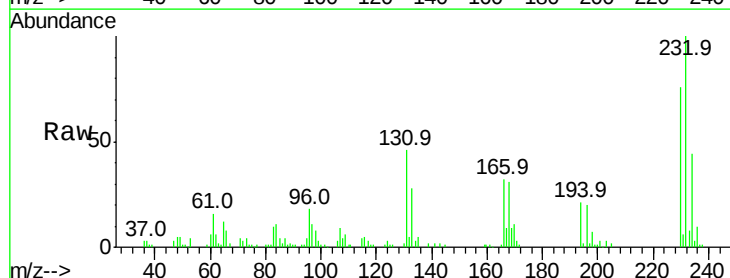
Ion Ratio Lower Upper

232 100

131 49.0 44.8 67.2

130 2.2 2.3 3.5#

166 30.9 29.0 43.4

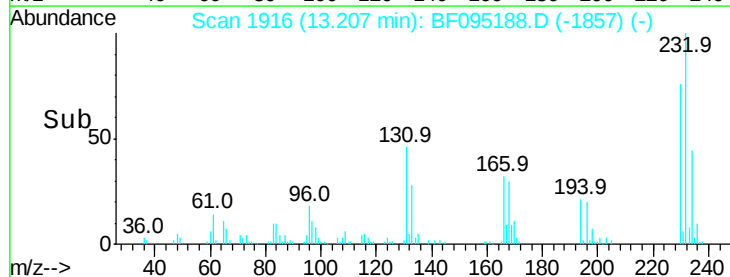
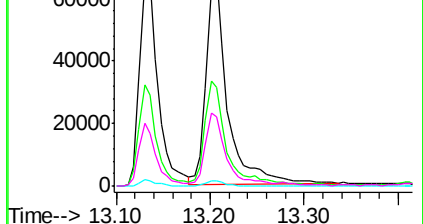


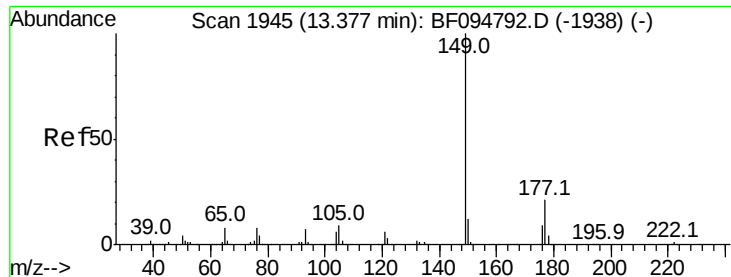
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

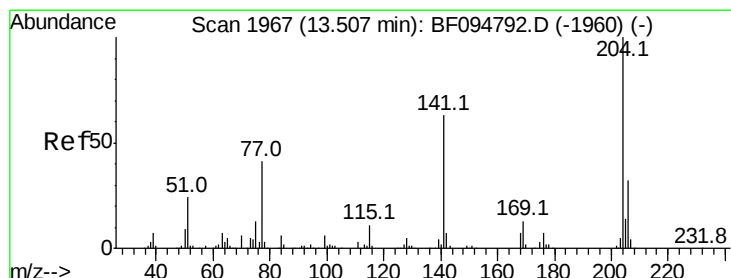
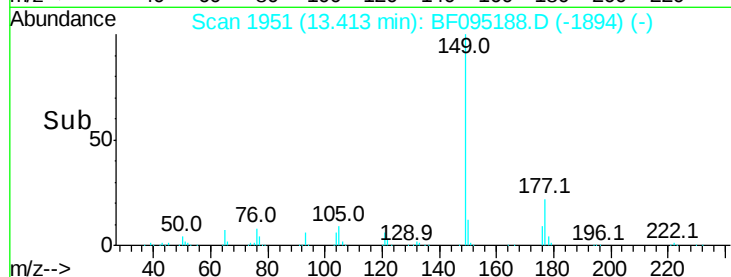
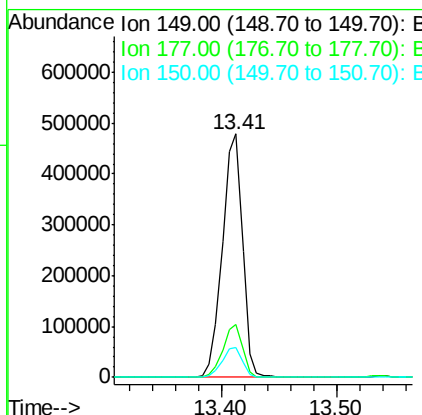
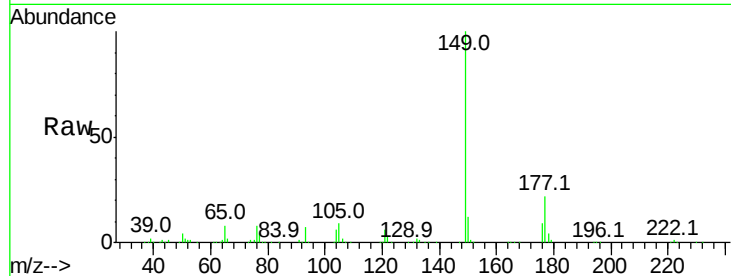




#59
Diethylphthalate
Concen: 39.12 ng
RT: 13.41 min Scan# 1951
Delta R.T. 0.04 min
Lab File: BF095188.D
Acq: 17 May 2017 16:40

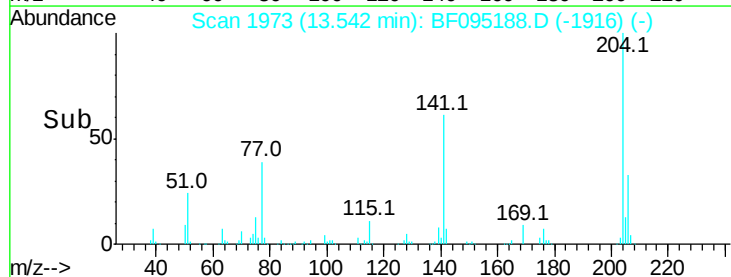
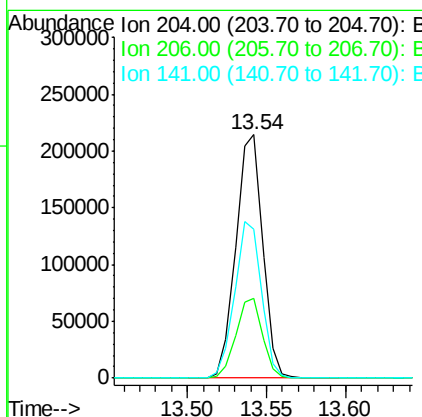
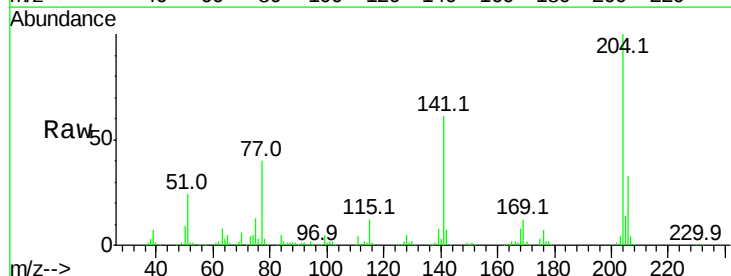
Instrument :
BNA_F
ClientSampleId :

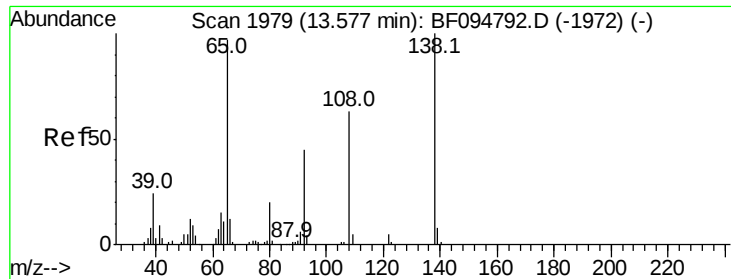
Tot Ion:149 Resp: 577446
Ion Ratio Lower Upper
149 100
177 21.9 16.7 25.1
150 12.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.87 ng
RT: 13.54 min Scan# 1973
Delta R.T. 0.04 min
Lab File: BF095188.D
Acq: 17 May 2017 16:40

Tgt Ion:204 Resp: 251560
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 61.3 60.8 91.2

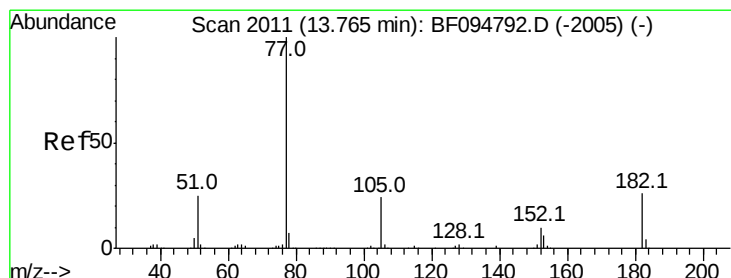
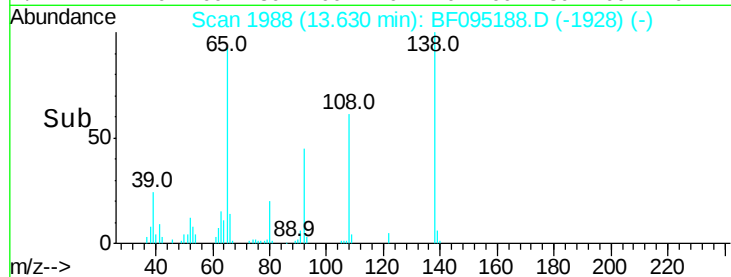
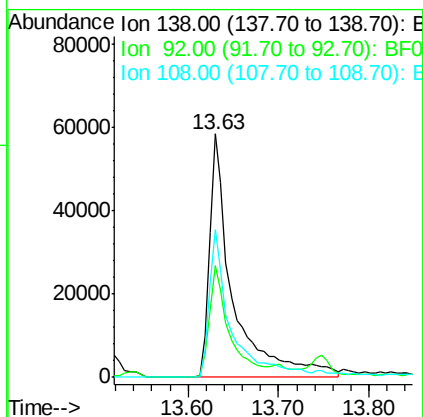
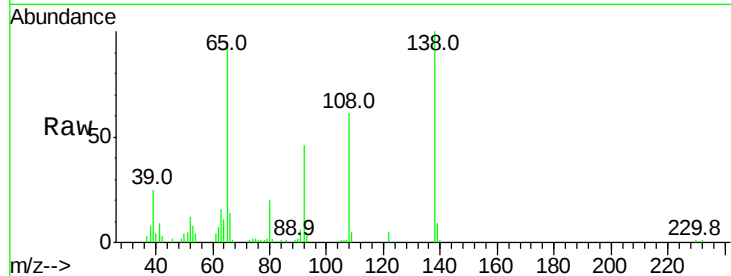




#61
4-Nitroaniline
Concen: 34.01 ng
RT: 13.63 min Scan# 1988
Delta R.T. 0.05 min
Lab File: BF095188.D
Acq: 17 May 2017 16:40

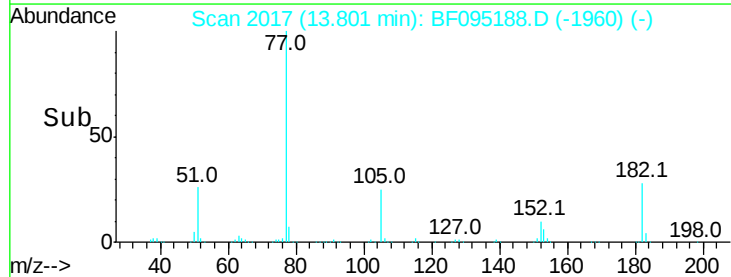
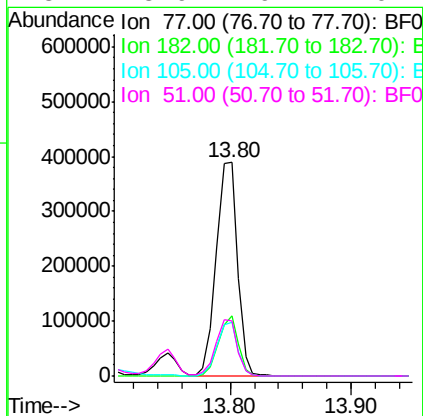
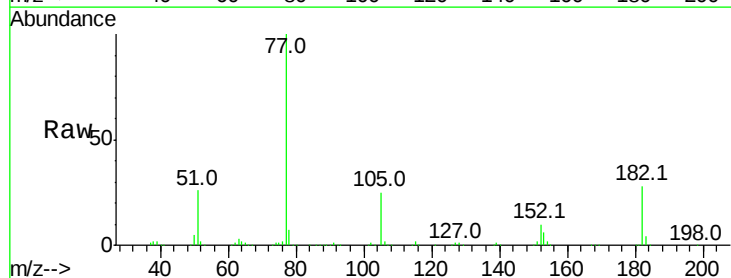
Instrument :
BNA_F
ClientSampleId :

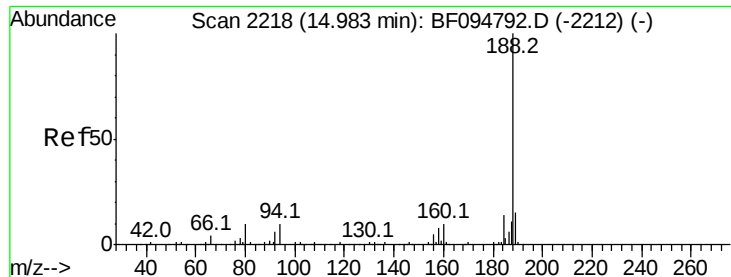
Tot Ion:138 Resp: 105292
Ion Ratio Lower Upper
138 100
92 45.8 21.8 61.8
108 60.6 42.3 82.3



#62
Azobenzene
Concen: 39.92 ng
RT: 13.80 min Scan# 2017
Delta R.T. 0.04 min
Lab File: BF095188.D
Acq: 17 May 2017 16:40

Tgt Ion: 77 Resp: 473442
Ion Ratio Lower Upper
77 100
182 28.1 0.1 40.1
105 25.4 3.6 43.6
51 25.9 9.4 49.4

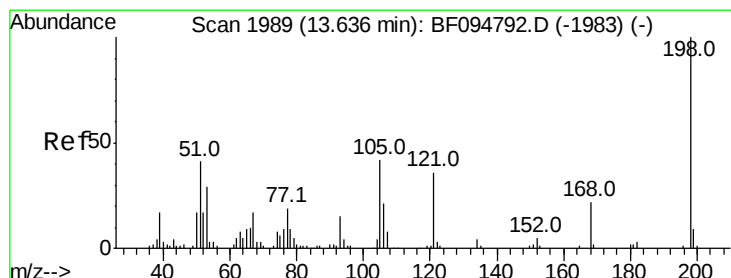
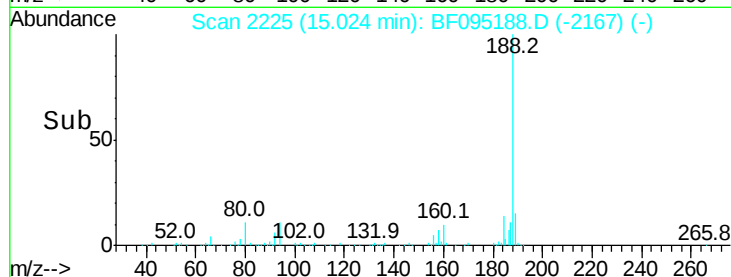
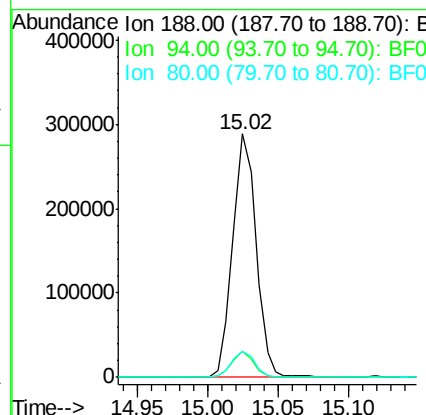
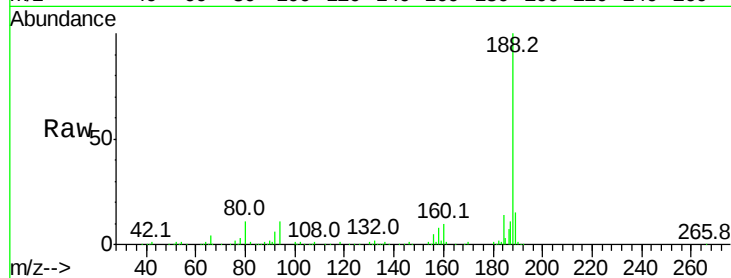




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2225
Delta R.T. 0.04 min
Lab File: BF095188.D
Acq: 17 May 2017 16:40

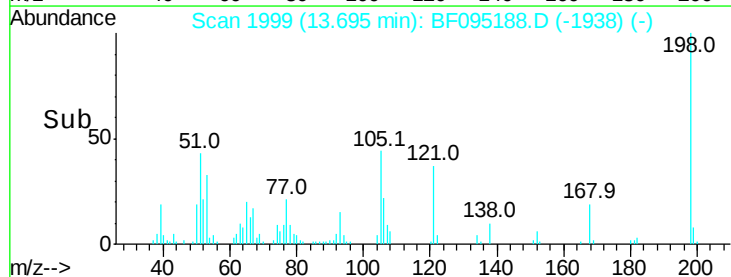
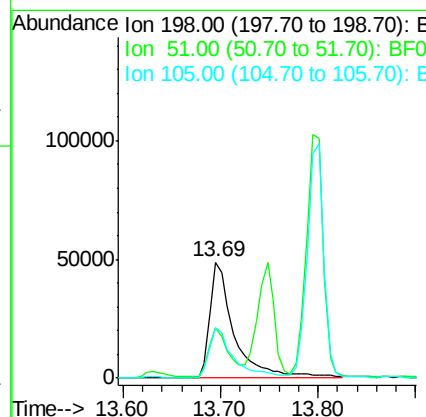
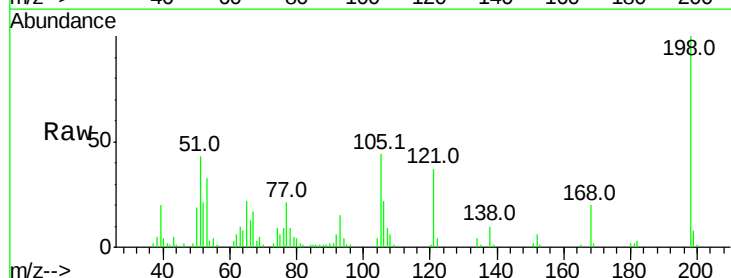
Instrument :
BNA_F
ClientSampleId :

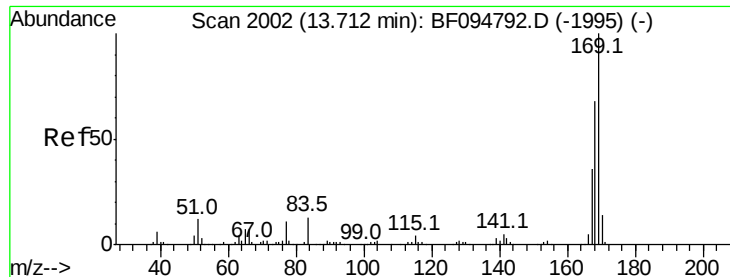
Tot Ion:188 Resp: 335892
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 10.9 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 37.92 ng
RT: 13.69 min Scan# 1999
Delta R.T. 0.06 min
Lab File: BF095188.D
Acq: 17 May 2017 16:40

Tgt Ion:198 Resp: 85396
Ion Ratio Lower Upper
198 100
51 43.3 53.2 93.2#
105 44.0 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 39.45 ng

RT: 13.75 min Scan# 2008

Delta R.T. 0.04 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA_F

ClientSampleId :

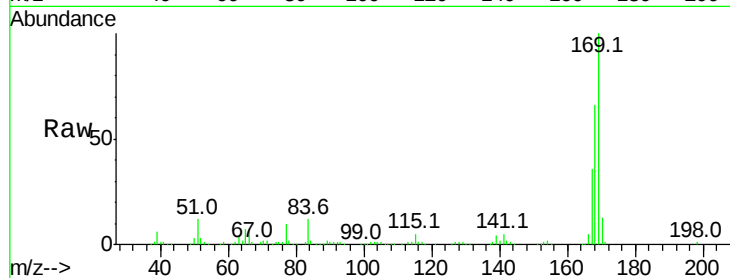
Tot Ion:169 Resp: 480887

Ion Ratio Lower Upper

169 100

168 66.1 53.2 79.8

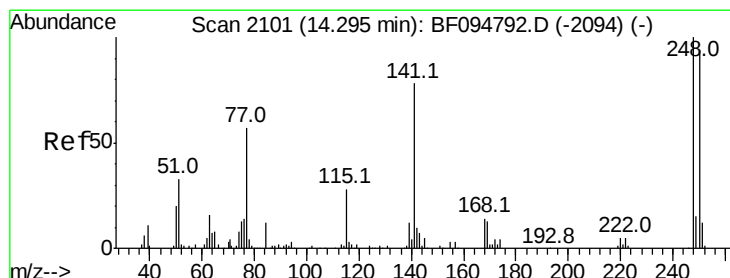
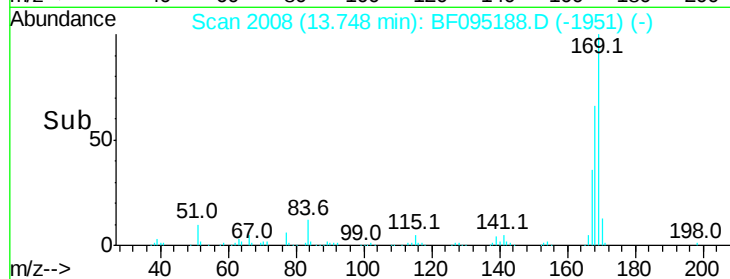
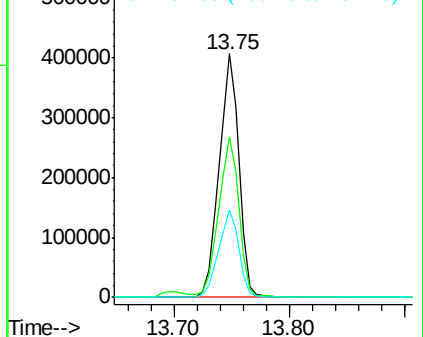
167 35.8 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.82 ng

RT: 14.32 min Scan# 2106

Delta R.T. 0.03 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

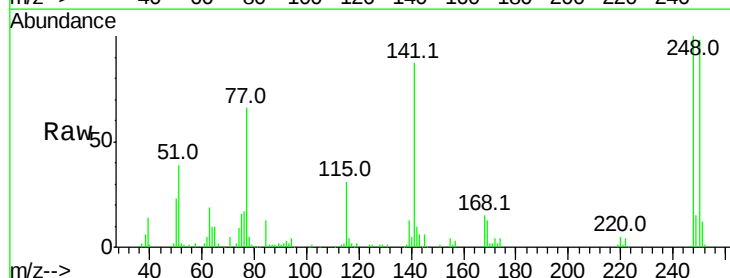
Tgt Ion:248 Resp: 141299

Ion Ratio Lower Upper

248 100

250 97.6 76.8 115.2

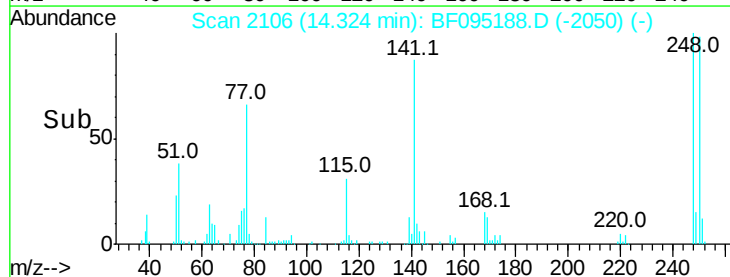
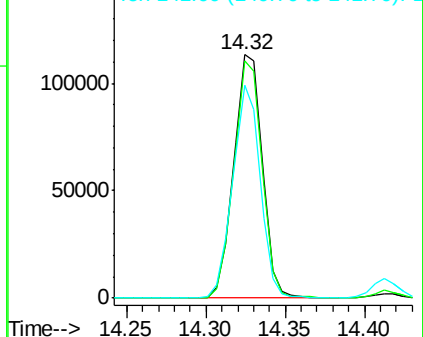
141 87.4 68.6 103.0

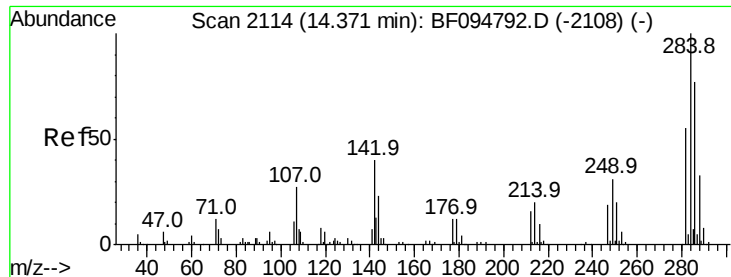


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

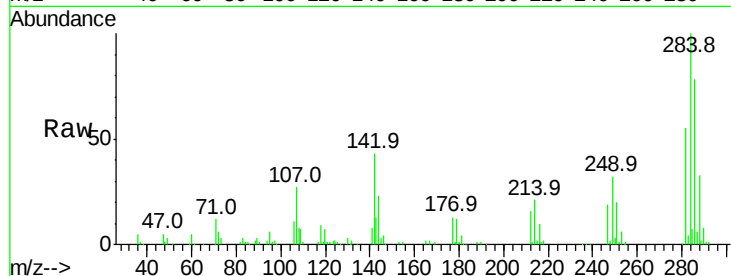




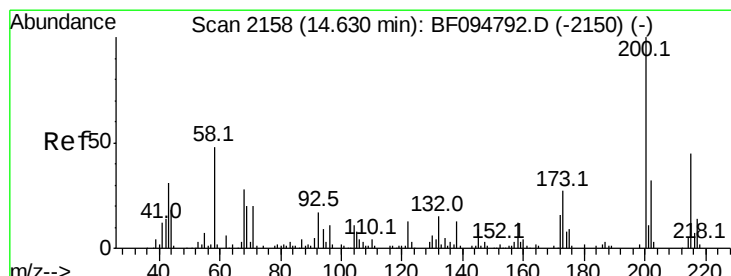
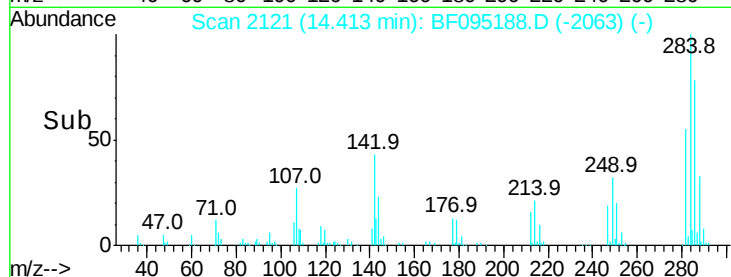
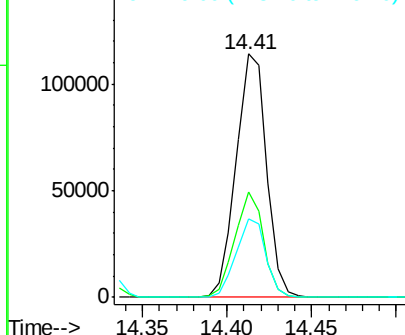
#67
Hexachlorobenzene
Concen: 39.38 ng
RT: 14.41 min Scan# 2121
Delta R.T. 0.04 min
Lab File: BF095188.D
Acq: 17 May 2017 16:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	43.2	22.8	34.2
249	32.4	24.0	36.0

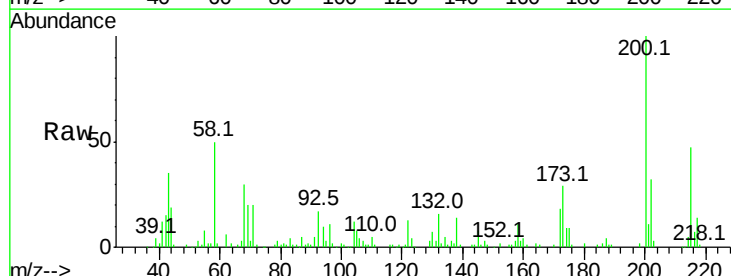


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

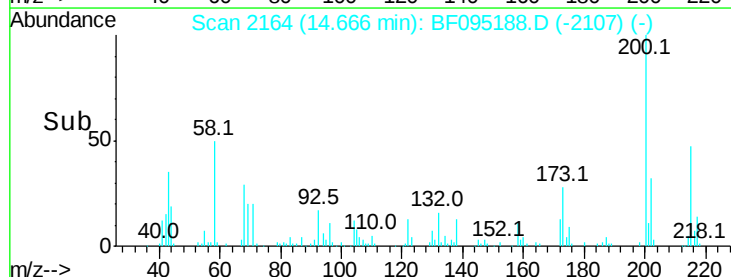
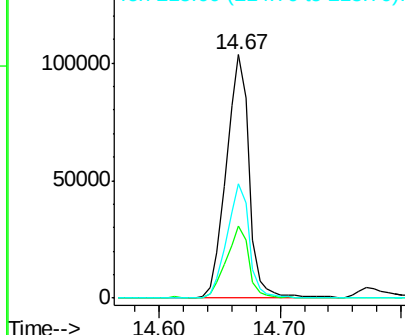


#68
Atrazine
Concen: 39.83 ng
RT: 14.67 min Scan# 2164
Delta R.T. 0.04 min
Lab File: BF095188.D
Acq: 17 May 2017 16:40

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.4	6.3	46.3
215	47.1	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

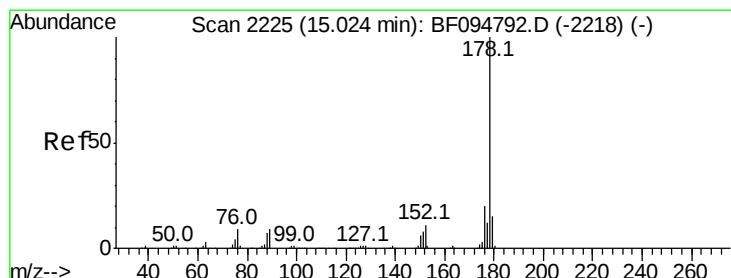
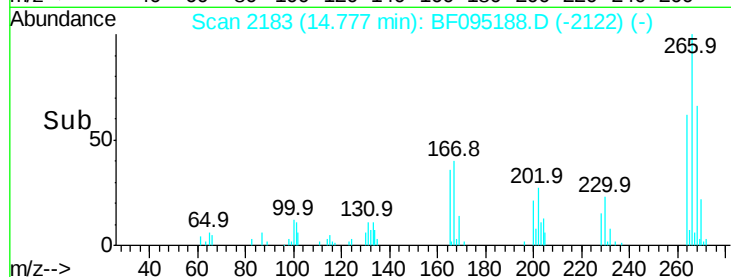
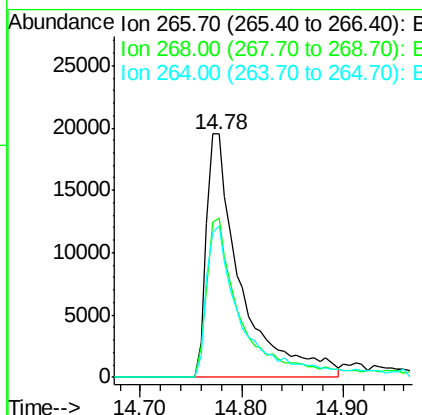
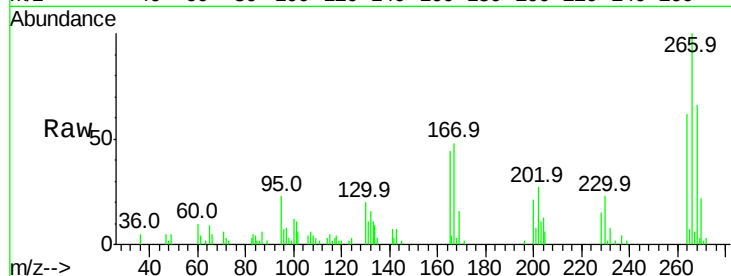




#69
 Pentachlorophenol
 Concen: 31.88 ng
 RT: 14.78 min Scan# 2183
 Delta R.T. 0.06 min
 Lab File: BF095188.D
 Acq: 17 May 2017 16:40

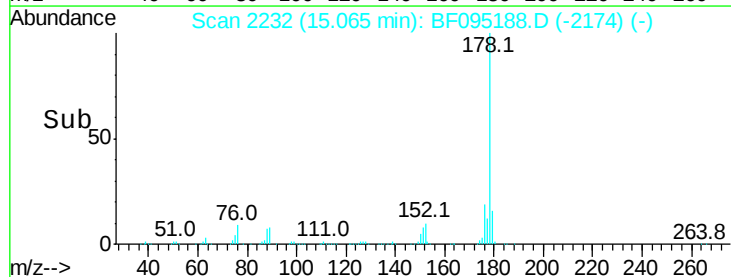
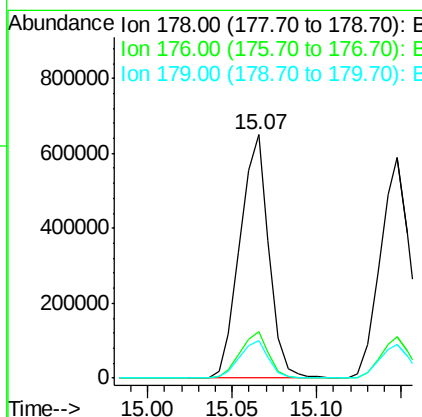
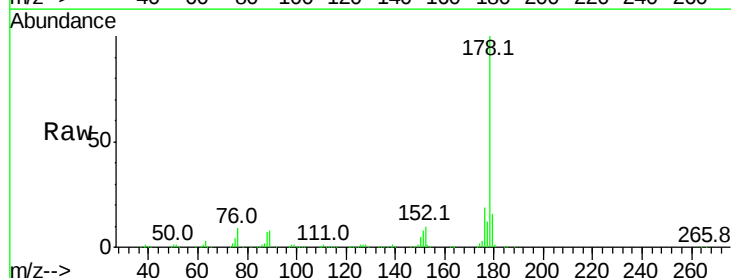
Instrument :
 BNA_F
 ClientSampleId :

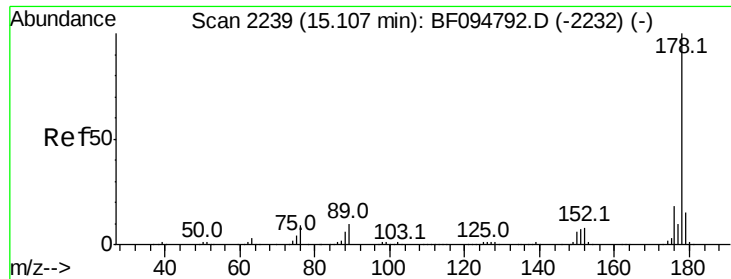
Tot Ion:266 Resp: 46155
 Ion Ratio Lower Upper
 266 100
 268 65.5 51.1 76.7
 264 62.0 51.7 77.5



#70
 Phenanthrene
 Concen: 40.26 ng
 RT: 15.07 min Scan# 2232
 Delta R.T. 0.04 min
 Lab File: BF095188.D
 Acq: 17 May 2017 16:40

Tgt Ion:178 Resp: 777003
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.2 24.4
 179 15.6 12.6 19.0

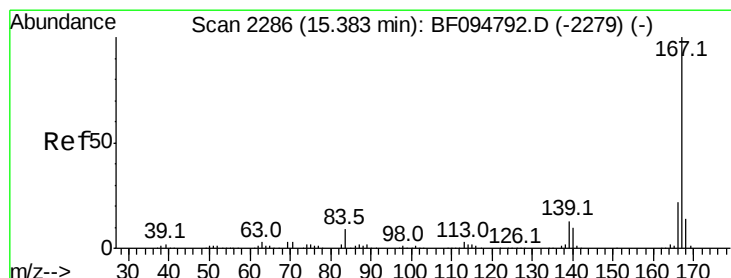
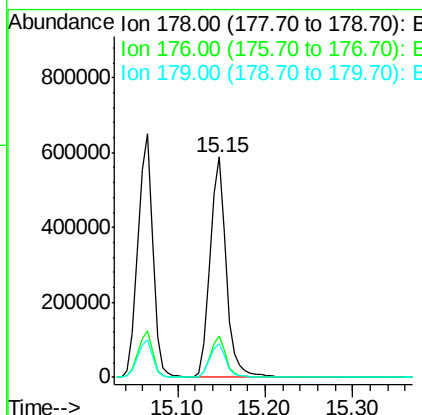
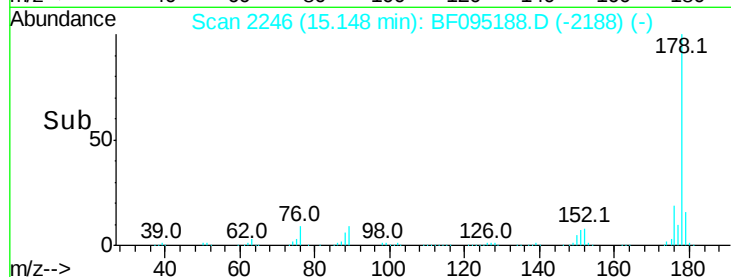
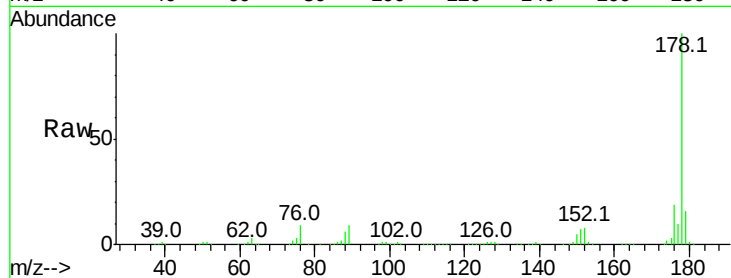




#71
 Anthracene
 Concen: 38.43 ng
 RT: 15.15 min Scan# 2246
 Delta R.T. 0.04 min
 Lab File: BF095188.D
 Acq: 17 May 2017 16:40

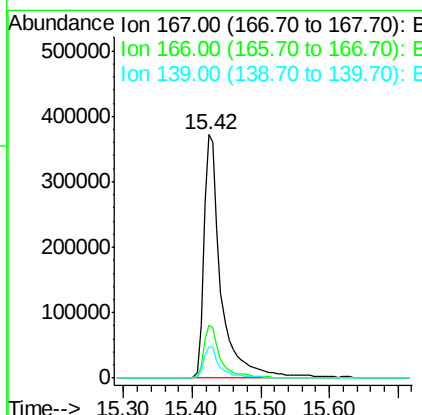
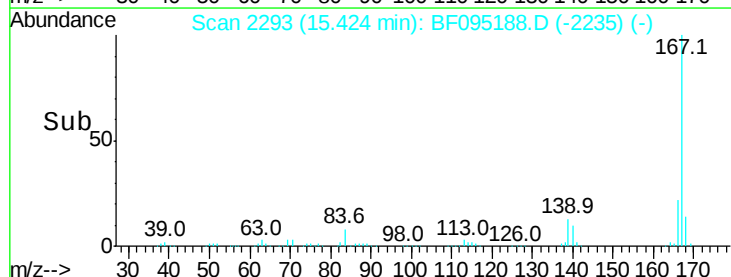
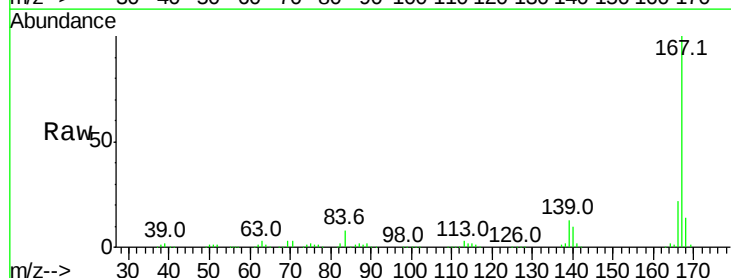
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 757667
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 36.68 ng
 RT: 15.42 min Scan# 2293
 Delta R.T. 0.04 min
 Lab File: BF095188.D
 Acq: 17 May 2017 16:40

Tgt Ion:167 Resp: 657842
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.1 27.1
 139 12.9 11.7 17.5

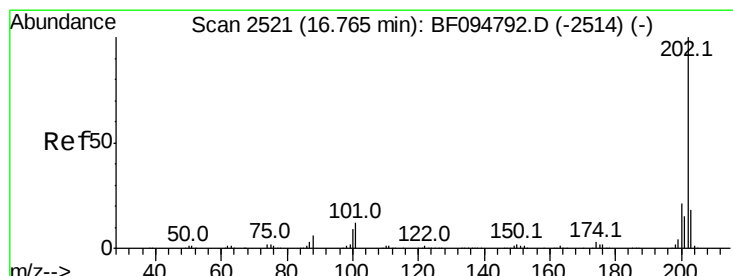
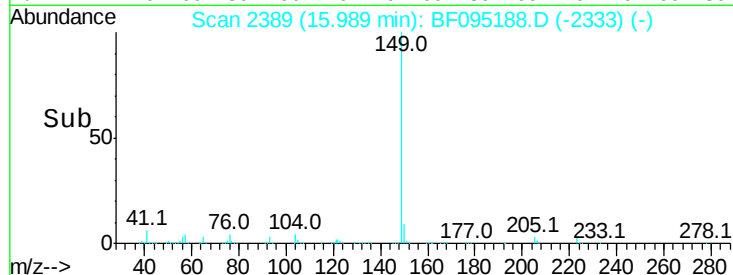
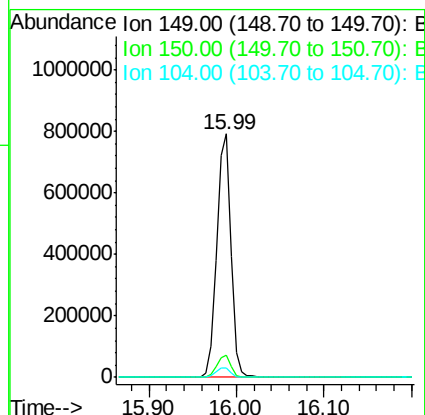
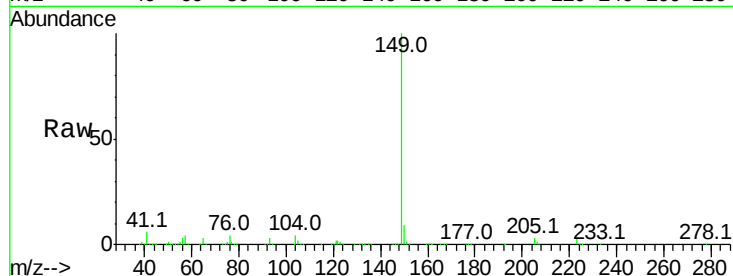




#73
Di-n-butylphthalate
Concen: 39.87 ng
RT: 15.99 min Scan# 2389
Delta R.T. 0.03 min
Lab File: BF095188.D
Acq: 17 May 2017 16:40

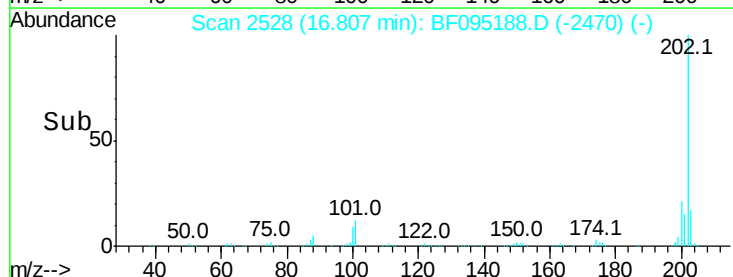
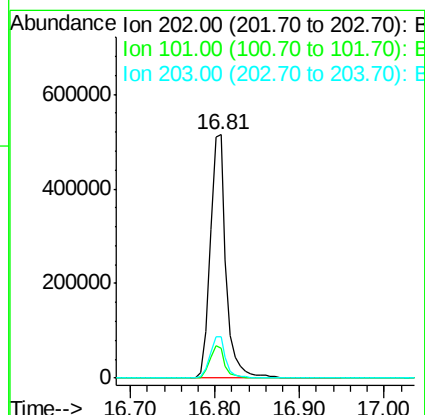
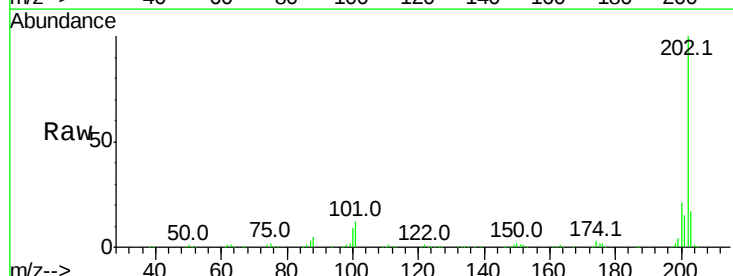
Instrument :
BNA_F
ClientSampleId :

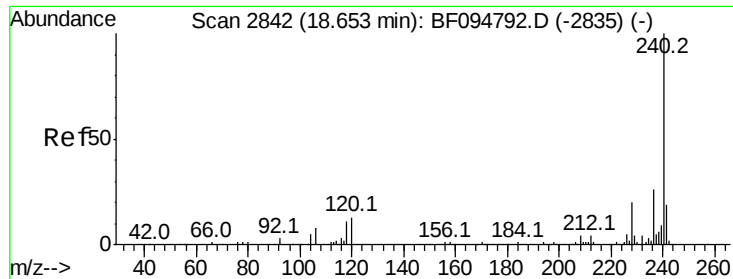
Tot Ion:149 Resp: 891927
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.1 4.0 6.0



#74
Fluoranthene
Concen: 34.24 ng
RT: 16.81 min Scan# 2528
Delta R.T. 0.04 min
Lab File: BF095188.D
Acq: 17 May 2017 16:40

Tgt Ion:202 Resp: 677776
Ion Ratio Lower Upper
202 100
101 12.1 0.0 33.2
203 17.0 0.0 38.1

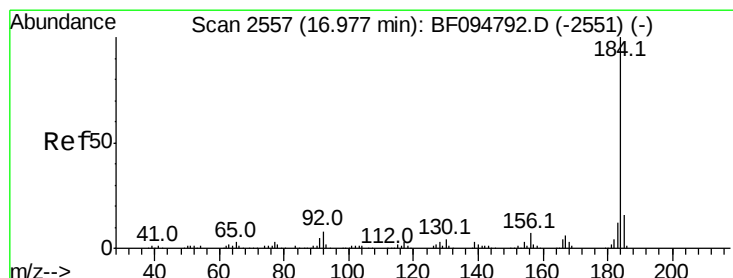
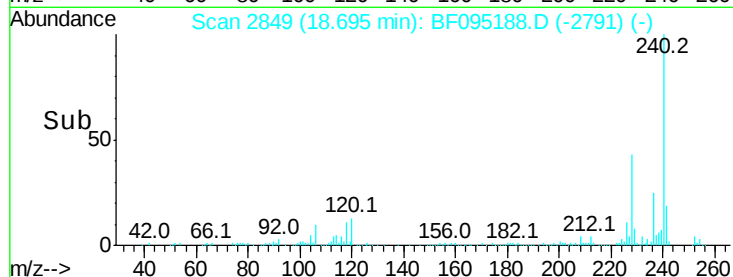
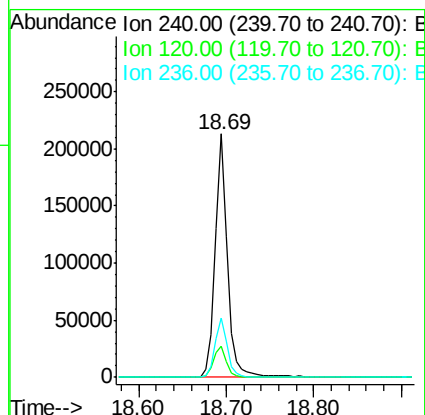
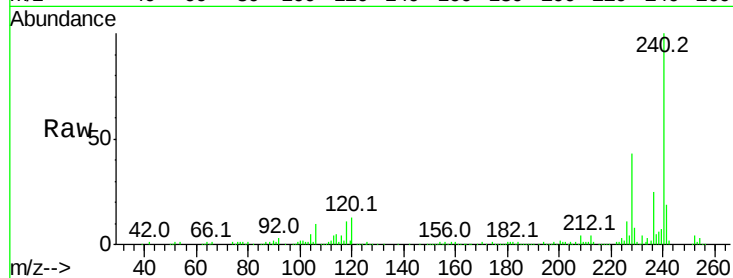




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.04 min
 Lab File: BF095188.D
 Acq: 17 May 2017 16:40

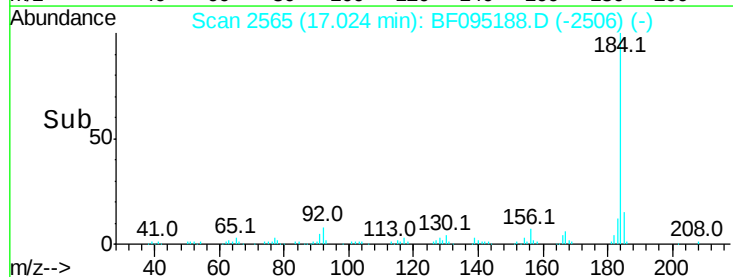
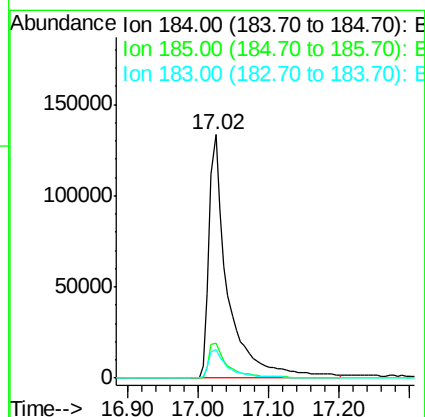
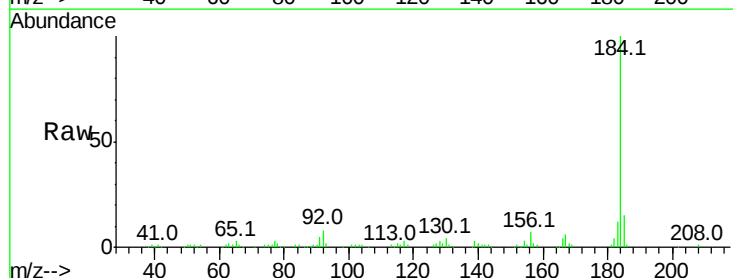
Instrument :
 BNA_F
 ClientSampleID :

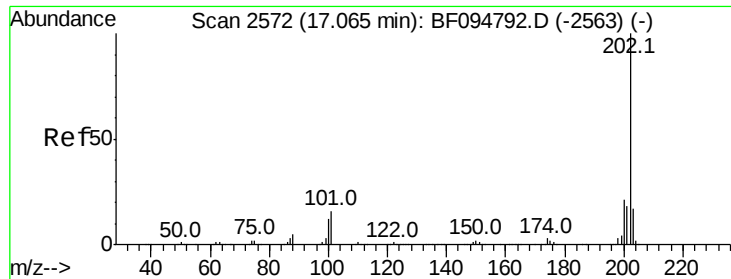
Tot Ion:240 Resp: 209848
 Ion Ratio Lower Upper
 240 100
 120 13.0 5.8 8.8#
 236 24.6 20.5 30.7



#76
 Benzidine
 Concen: 44.23 ng
 RT: 17.02 min Scan# 2565
 Delta R.T. 0.05 min
 Lab File: BF095188.D
 Acq: 17 May 2017 16:40

Tgt Ion:184 Resp: 247632
 Ion Ratio Lower Upper
 184 100
 185 14.6 15.5 23.3#
 183 11.8 9.8 14.6

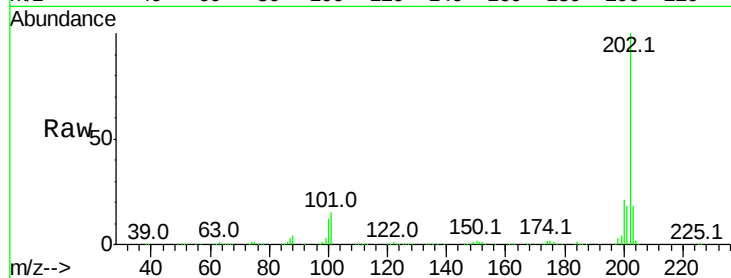




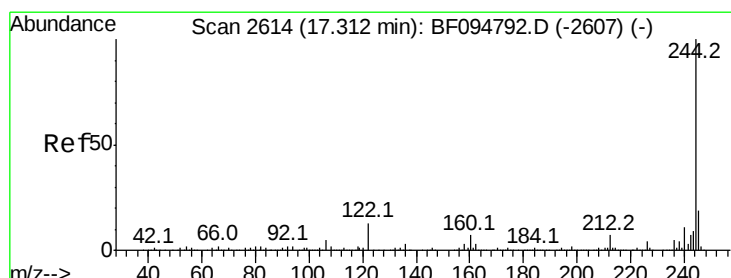
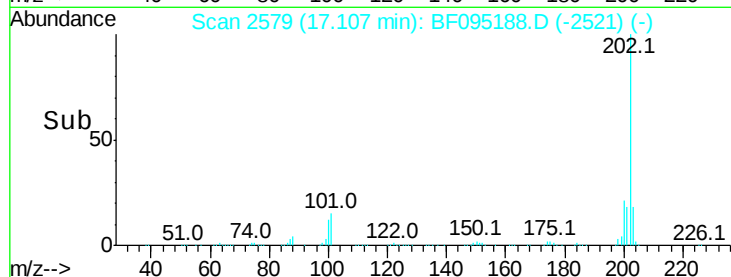
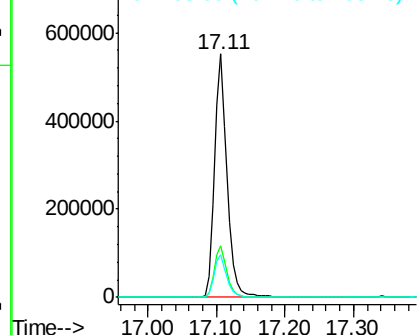
#77
Pvrene
Concen: 44.57 ng
RT: 17.11 min Scan# 2579
Delta R.T. 0.04 min
Lab File: BF095188.D
Acq: 17 May 2017 16:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 699484
Ion Ratio Lower Upper
202 100
200 21.0 17.6 26.4
203 17.7 14.4 21.6

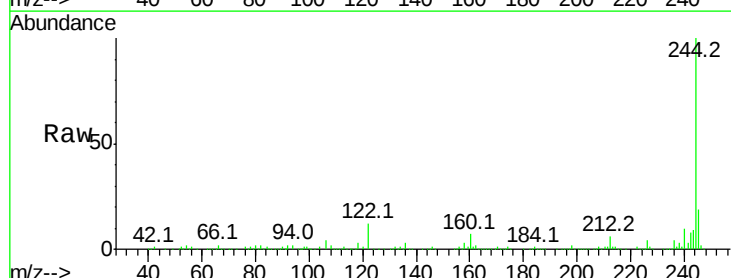


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

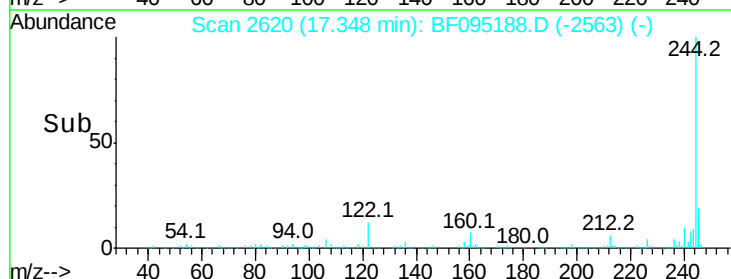
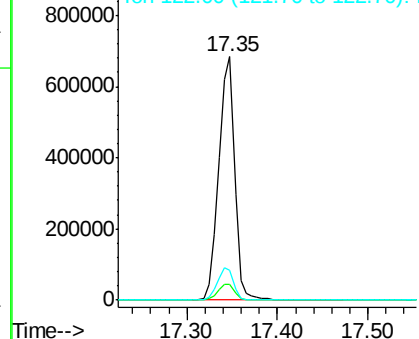


#78
Terphenyl-d14
Concen: 87.15 ng
RT: 17.35 min Scan# 2620
Delta R.T. 0.04 min
Lab File: BF095188.D
Acq: 17 May 2017 16:40

Tgt Ion:244 Resp: 830299
Ion Ratio Lower Upper
244 100
212 6.3 6.0 9.0
122 12.5 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: 41.55 ng

RT: 18.00 min Scan# 2731

Delta R.T. 0.03 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA_F

ClientSampleId :

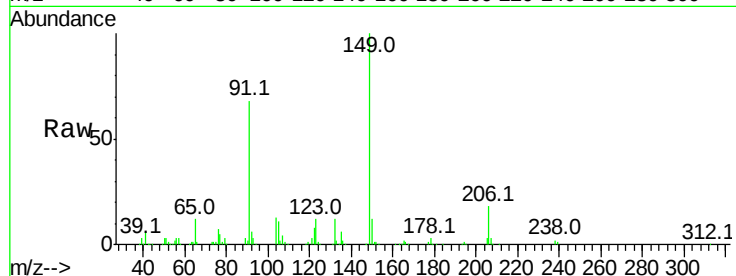
Tot Ion:149 Resp: 303292

Ion Ratio Lower Upper

149 100

91 68.5 45.0 67.4#

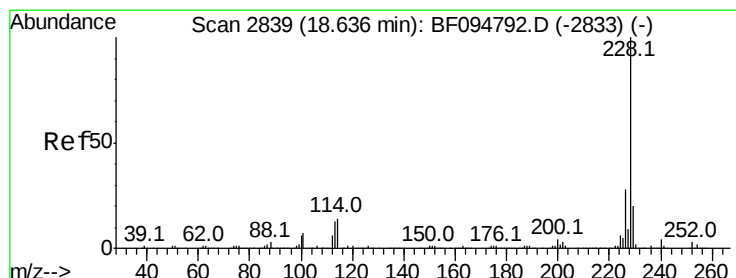
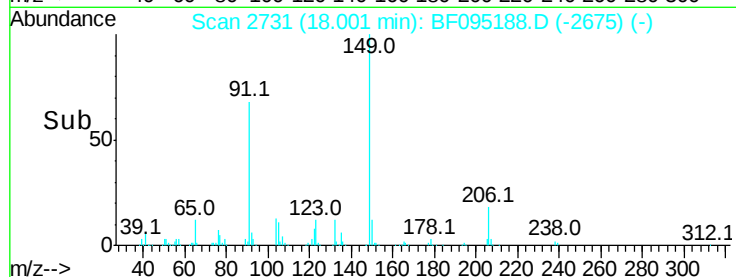
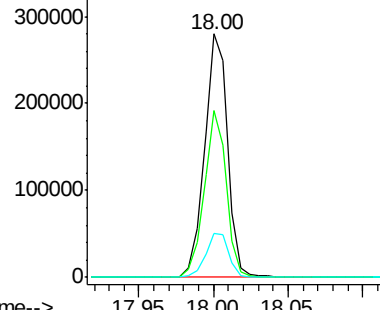
206 17.9 17.0 25.6



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: 40.10 ng

RT: 18.68 min Scan# 2847

Delta R.T. 0.05 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

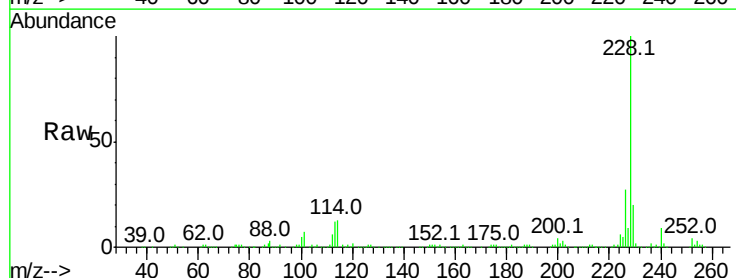
Tgt Ion:228 Resp: 489690

Ion Ratio Lower Upper

228 100

226 27.1 22.6 33.8

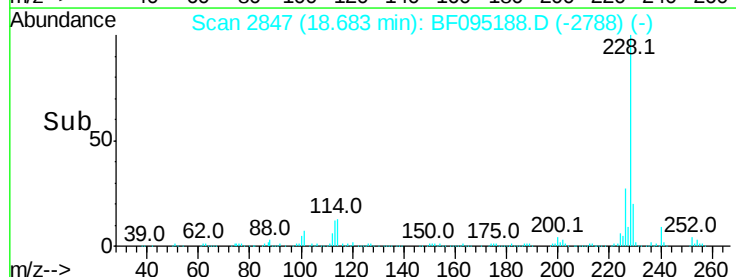
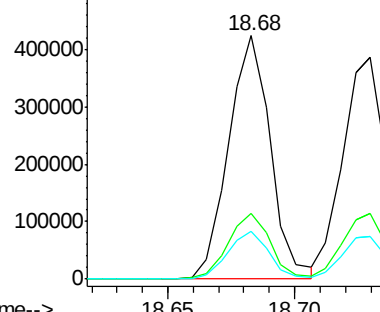
229 19.7 16.3 24.5



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

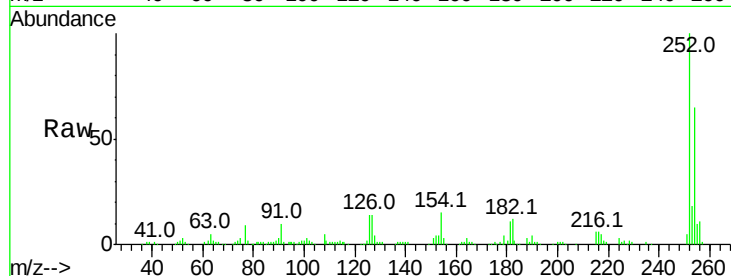




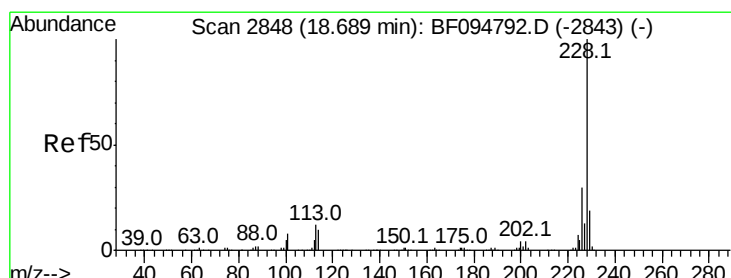
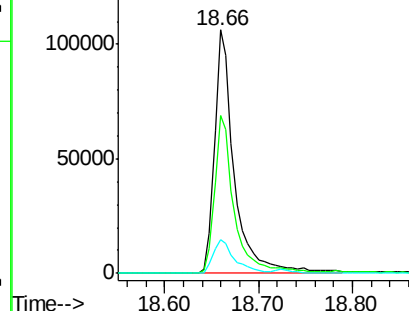
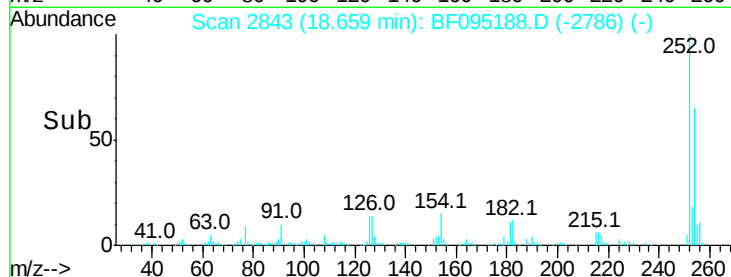
#81
 3,3'-Dichlorobenzidine
 Concen: 37.61 ng
 RT: 18.66 min Scan# 2843
 Delta R.T. 0.04 min
 Lab File: BF095188.D
 Acq: 17 May 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.5	77.3
126	14.0	15.8	23.8

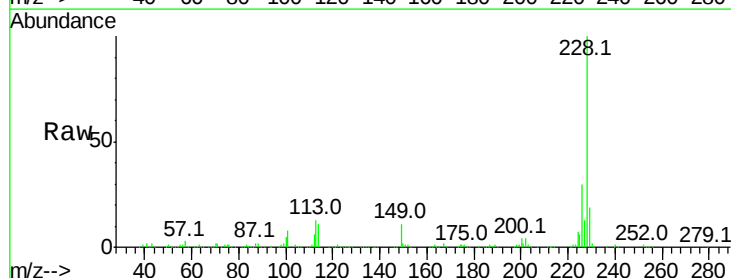


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

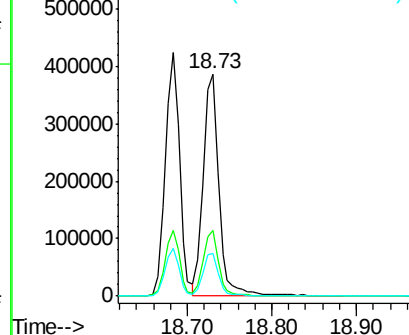
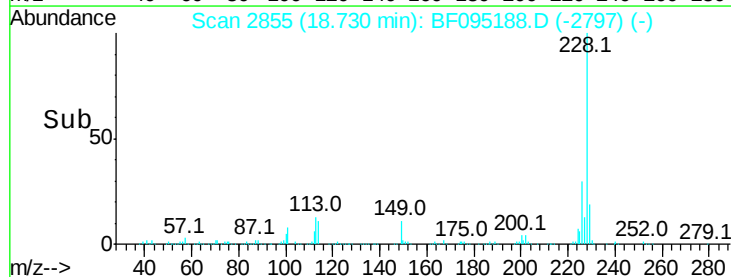


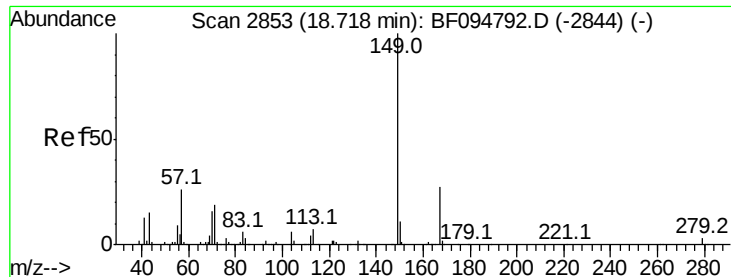
#82
 Chrysene
 Concen: 41.69 ng
 RT: 18.73 min Scan# 2855
 Delta R.T. 0.04 min
 Lab File: BF095188.D
 Acq: 17 May 2017 16:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	19.1	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: 38.55 ng

RT: 18.75 min Scan# 2858

Delta R.T. 0.03 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA_F

ClientSampled :

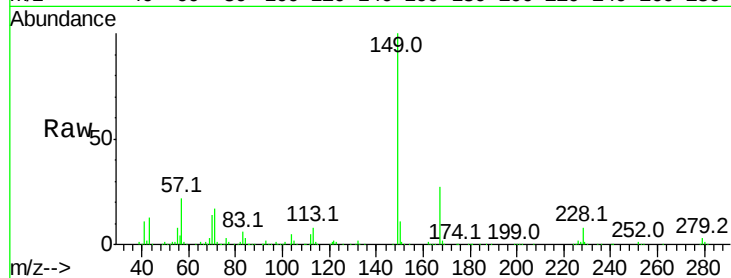
Tot Ion:149 Resp: 400925

Ion Ratio Lower Upper

149 100

167 27.3 21.0 31.4

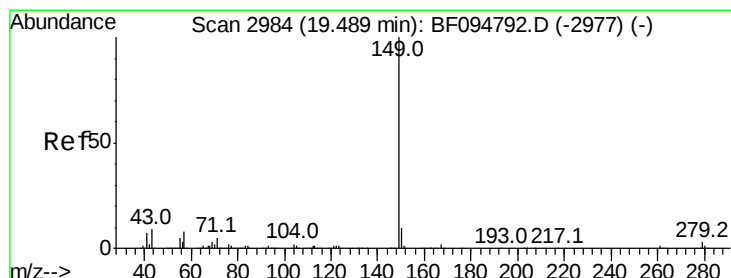
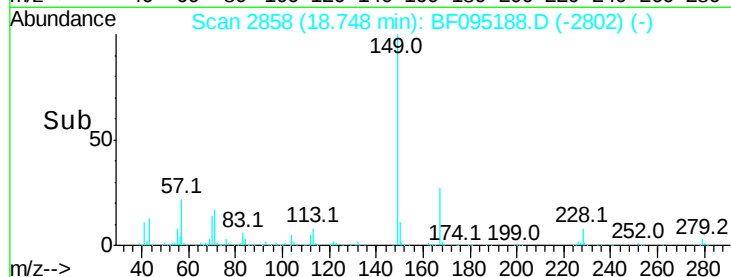
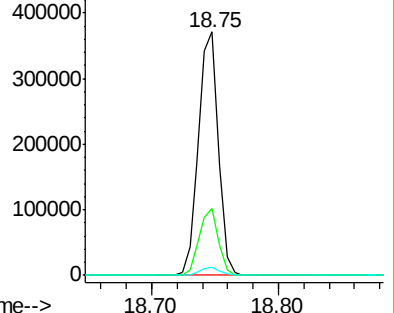
279 3.2 1.9 2.9#



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: 35.96 ng

RT: 19.51 min Scan# 2988

Delta R.T. 0.02 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

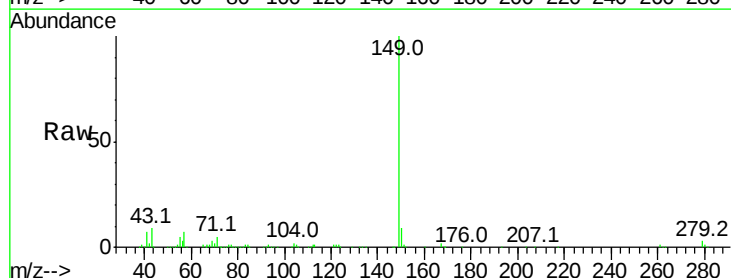
Tgt Ion:149 Resp: 613190

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

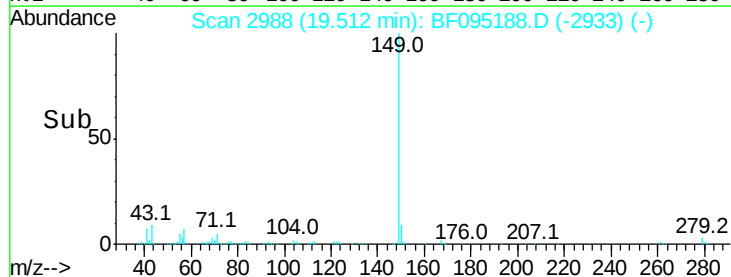
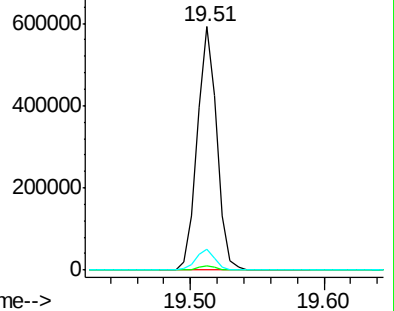
43 8.5 8.5 12.7



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

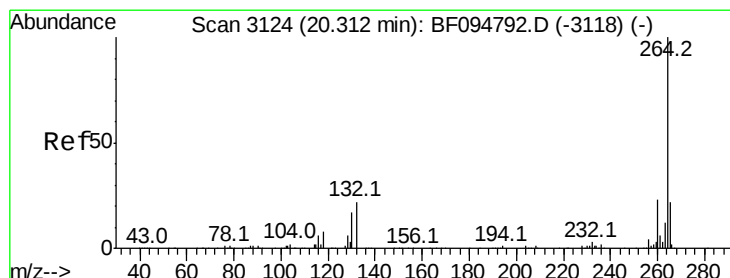
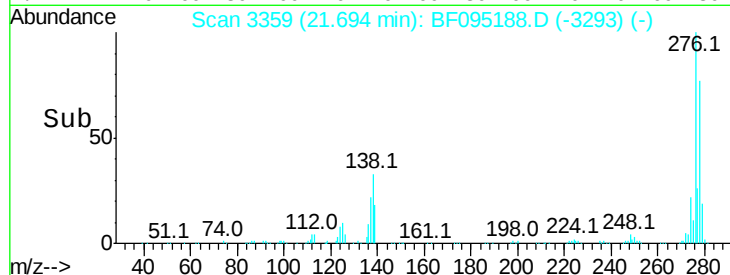
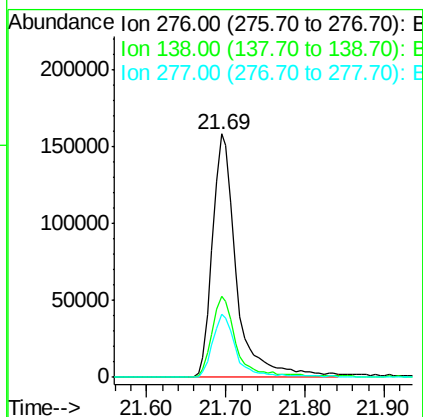
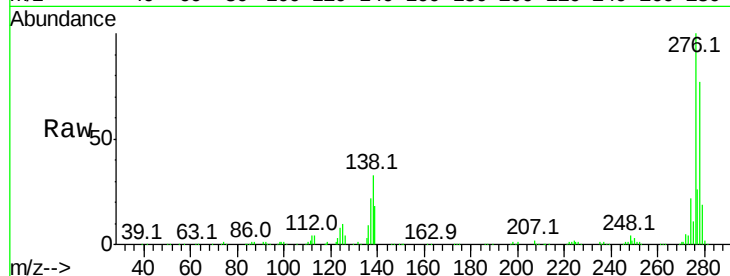




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.85 ng
 RT: 21.69 min Scan# 3359
 Delta R.T. 0.09 min
 Lab File: BF095188.D
 Acq: 17 May 2017 16:40

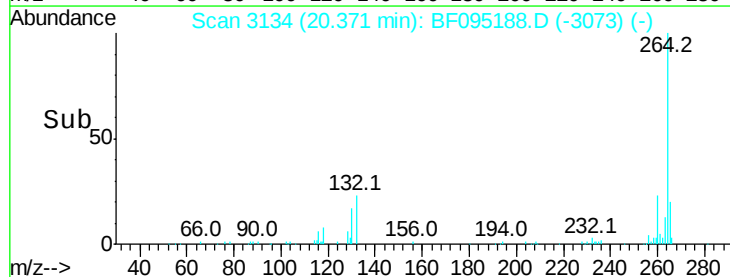
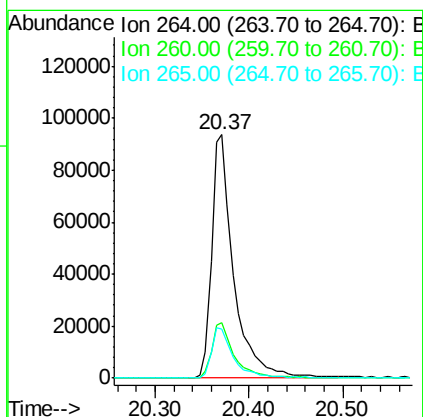
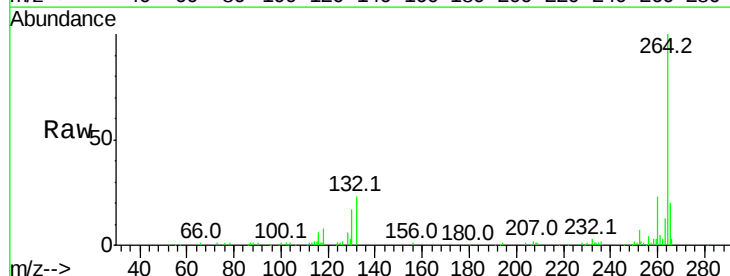
Instrument :
 BNA_F
 ClientSampleId :

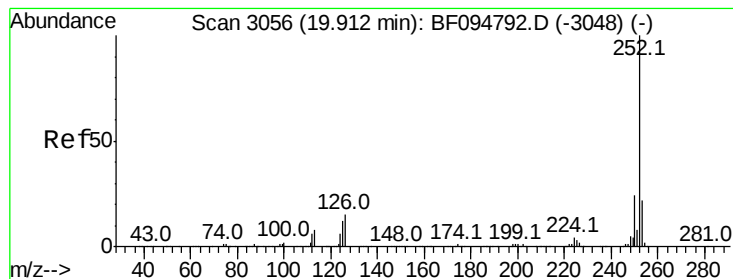
Tot Ion:276 Resp: 334229
 Ion Ratio Lower Upper
 276 100
 138 33.8 27.8 41.6
 277 25.3 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.06 min
 Lab File: BF095188.D
 Acq: 17 May 2017 16:40

Tgt Ion:264 Resp: 154566
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.5 29.3
 265 20.4 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 39.22 ng

RT: 19.96 min Scan# 3064

Delta R.T. 0.05 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA_F

ClientSampleId :

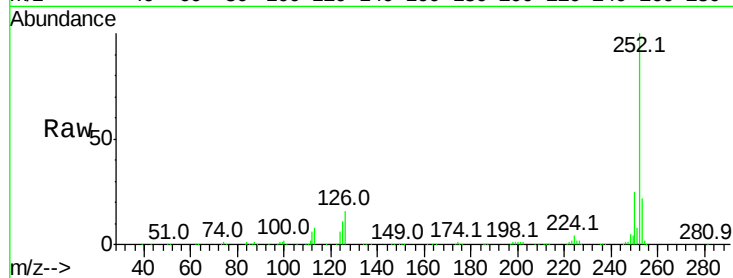
Tot Ion:252 Resp: 374616

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

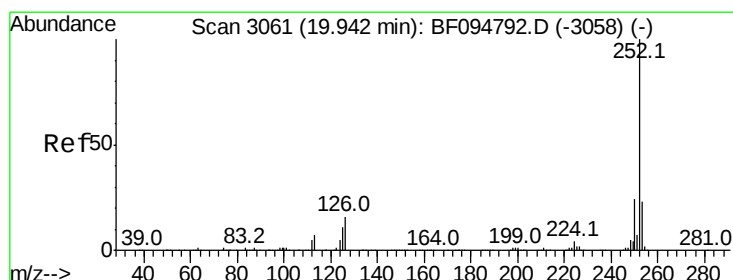
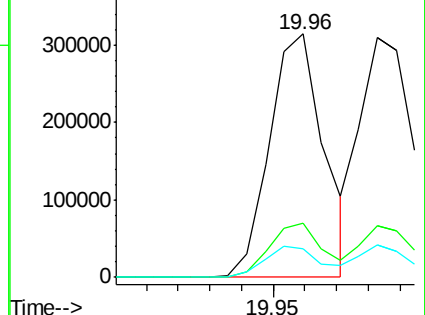
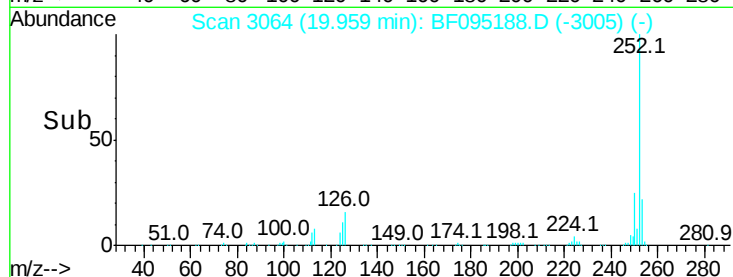
125 11.5 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.44 ng

RT: 19.98 min Scan# 3068

Delta R.T. 0.04 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

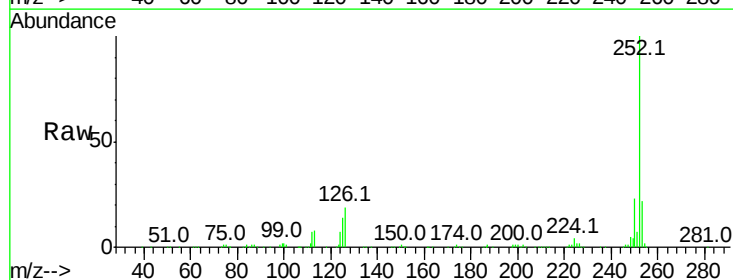
Tgt Ion:252 Resp: 418587

Ion Ratio Lower Upper

252 100

253 21.6 18.4 27.6

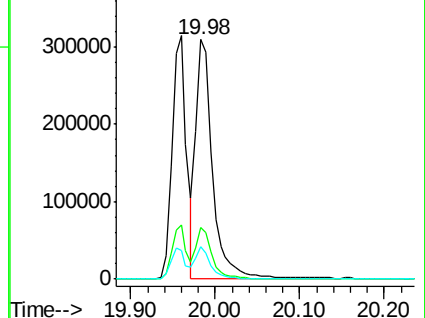
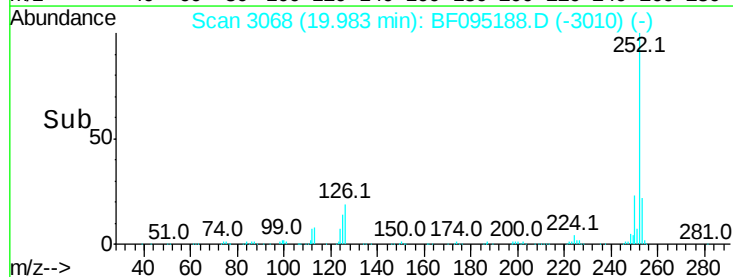
125 13.7 13.1 19.7

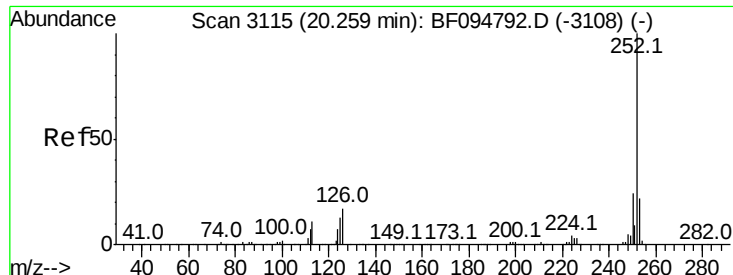


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

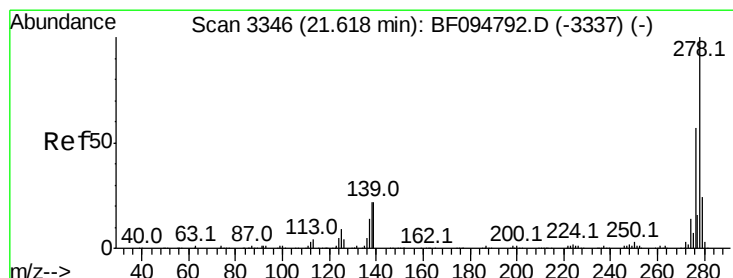
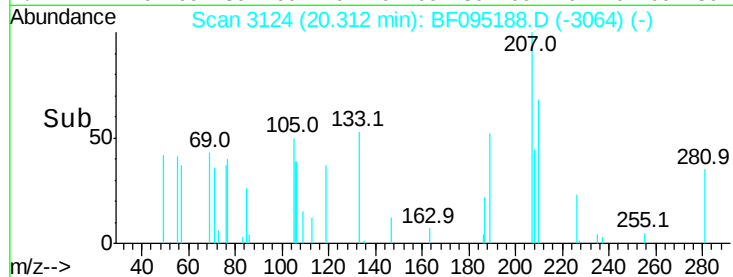
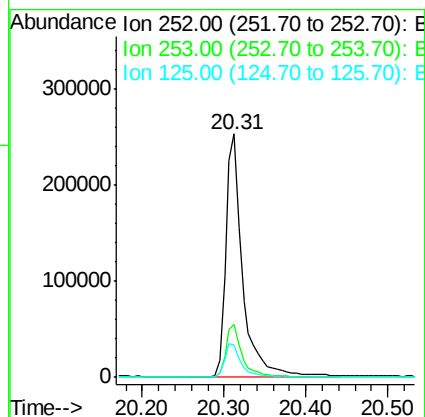
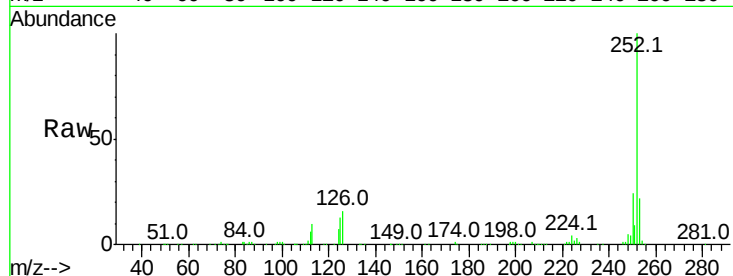




#89
Benzo(a)pyrene
Concen: 40.65 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.05 min
Lab File: BF095188.D
Acq: 17 May 2017 16:40

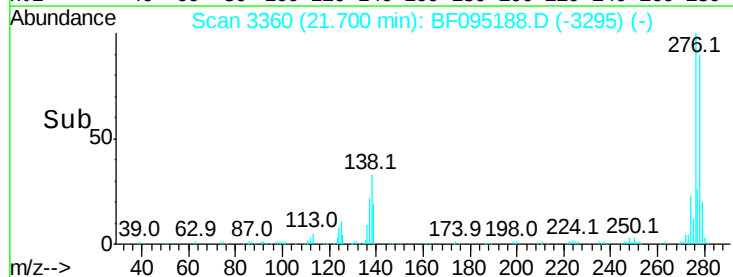
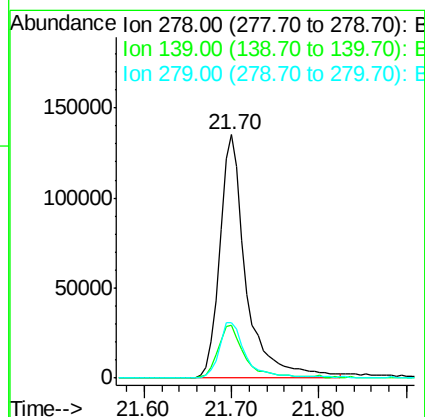
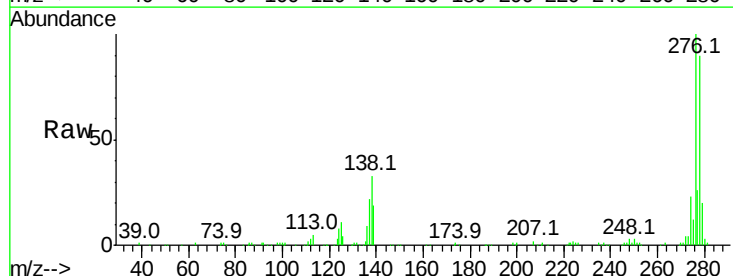
Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 358243
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 13.4 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 38.68 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.08 min
Lab File: BF095188.D
Acq: 17 May 2017 16:40

Tgt Ion:278 Resp: 281504
Ion Ratio Lower Upper
278 100
139 21.7 16.6 24.8
279 22.9 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 39.75 ng

RT: 22.08 min Scan# 3425

Delta R.T. 0.11 min

Lab File: BF095188.D

Acq: 17 May 2017 16:40

Instrument :

BNA_F

ClientSampleId :

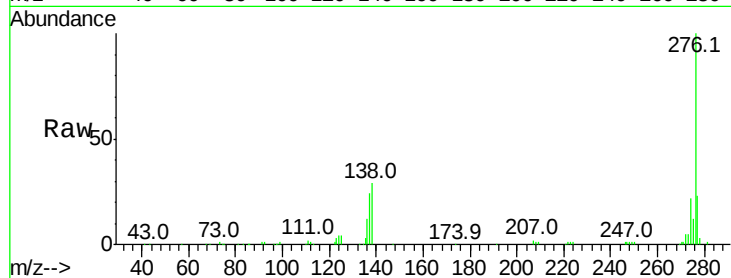
Tot Ion: 276 Resp: 283937

Ion Ratio Lower Upper

276 100

277 22.8 18.6 28.0

138 29.1 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

