

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095500.D
 Acq On : 27 May 2017 14:11
 Operator : SJ/MA
 Sample : PB99295BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 29 01:14:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	89521	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	394208	20.00	ng	0.00
38) Acenaphthene-d10	12.59	164	186422	20.00	ng	0.00
63) Phenanthrene-d10	14.99	188	297749	20.00	ng	0.00
75) Chrysene-d12	18.67	240	289348	20.00	ng	0.00
86) Perylene-d12	20.35	264	159694	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	783163	145.85	ng	0.00
7) Phenol-d6	7.30	99	892200	138.49	ng	0.00
23) Nitrobenzene-d5	8.65	82	490373	78.44	ng	0.00
41) 2,4,6-Tribromophenol	13.89	330	173671	113.75	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	978382	75.54	ng	0.00
78) Terphenyl-d14	17.32	244	904118	68.82	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.24	88	91925	34.91	ng	96
3) Pyridine	2.96	79	189798	31.10	ng	97
4) n-Nitrosodimethylamine	2.87	42	89367	35.13	ng	# 79
6) Aniline	7.25	93	224994	27.66	ng	96
8) 2-Chlorophenol	7.44	128	281109	46.00	ng	96
9) Benzaldehyde	7.10	77	46943	11.93	ng	99
10) Phenol	7.31	94	341664	50.33	ng	93
11) bis(2-Chloroethyl)ether	7.38	93	245216	43.75	ng	97
12) 1,3-Dichlorobenzene	7.64	146	259206	37.39	ng	98
13) 1,4-Dichlorobenzene	7.77	146	277635	39.49	ng	96
14) 1,2-Dichlorobenzene	8.00	146	278975	42.51	ng	95
15) Benzyl Alcohol	8.04	79	214544	51.77	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.22	45	328890	41.46	ng	97
17) 2-Methylphenol	8.25	107	225323	45.05	ng	95
18) Hexachloroethane	8.51	117	96657	40.58	ng	# 87
19) n-Nitroso-di-n-propylamine	8.45	70	190028	43.61	ng	94
20) 3+4-Methylphenols	8.51	107	290615	42.76	ng	# 57
22) Acetophenone	8.42	105	373781	39.52	ng	# 84
24) Nitrobenzene	8.67	77	254492	38.84	ng	94
25) Isophorone	9.08	82	445183	39.88	ng	95
26) 2-Nitrophenol	9.18	139	151164	42.75	ng	98
27) 2,4-Dimethylphenol	9.32	122	226411	39.61	ng	99
28) bis(2-Chloroethoxy)methane	9.44	93	306926	39.75	ng	99
29) 2,4-Dichlorophenol	9.62	162	219063	40.58	ng	97
30) 1,2,4-Trichlorobenzene	9.68	180	227989	39.43	ng	98
31) Naphthalene	9.79	128	787655	39.75	ng	99
32) Benzoic acid	9.66	122	138937	38.18	ng	93
33) 4-Chloroaniline	9.98	127	83798	11.35	ng	# 90
34) Hexachlorobutadiene	10.00	225	114833	37.63	ng	97
35) Caprolactam	10.66	113	16313	10.06	ng	99
36) 4-Chloro-3-methylphenol	10.80	107	253417	43.91	ng	90
37) 2-Methylnaphthalene	10.92	142	542110	41.69	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.20	216	182014	31.75	ng	98
40) Hexachlorocyclopentadiene	11.17	237	98627	43.88	ng	98

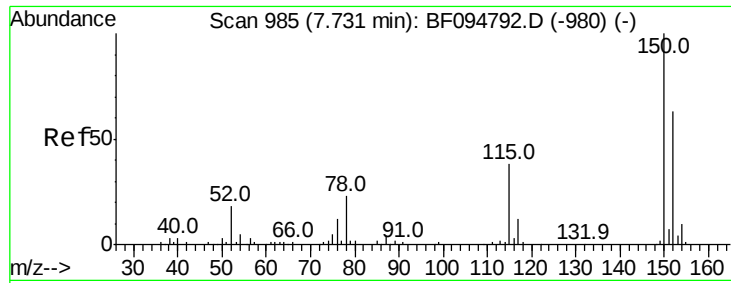
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095500.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.42	196	142612	37.26	nq	99
43) 2,4,5-Trichlorophenol	11.52	196	139982	34.03	nq	94
45) 1,1'-Biphenyl	11.68	154	630143	40.15	nq	97
46) 2-Chloronaphthalene	11.70	162	491356	38.77	nq	95
47) 2-Nitroaniline	11.92	65	138749	40.00	nq	# 85
48) Acenaphthylene	12.36	152	759376	38.25	nq	98
49) Dimethylphthalate	12.24	163	513135	33.53	nq	98
50) 2,6-Dinitrotoluene	12.33	165	122724	39.31	nq	# 90
51) Acenaphthene	12.64	154	466273	39.33	nq	99
52) 3-Nitroaniline	12.62	138	65569	19.57	nq	95
53) 2,4-Dinitrophenol	12.83	184	130550	76.23	nq	# 65
54) Dibenzofuran	12.93	168	717516	43.73	nq	97
55) 4-Nitrophenol	13.02	139	145187	72.13	nq	# 75
56) 2,4-Dinitrotoluene	13.01	165	184341	45.95	nq	# 89
57) Fluorene	13.49	166	560596	39.29	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.18	232	115797	44.72	nq	# 98
59) Diethylphthalate	13.38	149	519822	35.44	nq	99
60) 4-Chlorophenyl-phenylether	13.51	204	245009	39.08	nq	89
61) 4-Nitroaniline	13.62	138	114935	37.36	nq	97
62) Azobenzene	13.77	77	443447	37.62	nq	92
64) 4,6-Dinitro-2-methylphenol	13.68	198	89309	44.74	nq	# 70
65) n-Nitrosodiphenylamine	13.71	169	467262	43.24	nq	99
66) 4-Bromophenyl-phenylether	14.29	248	140141	44.55	nq	95
67) Hexachlorobenzene	14.38	284	139781	43.36	nq	# 84
68) Atrazine	14.64	200	134103	43.95	nq	96
69) Pentachlorophenol	14.75	266	94408	65.88	nq	96
70) Phenanthrene	15.04	178	724086	42.32	nq	98
71) Anthracene	15.12	178	847830	48.52	nq	98
72) Carbazole	15.40	167	709844	44.64	nq	97
73) Di-n-butylphthalate	15.96	149	945655	47.69	nq	98
74) Fluoranthene	16.78	202	734457	41.85	nq	98
76) Benzidine	17.01	184	136023	21.58	nq	# 92
77) Pyrene	17.08	202	791869	36.59	nq	99
79) Butylbenzylphthalate	17.97	149	398696	39.61	nq	# 85
80) Benzo(a)anthracene	18.66	228	690764	41.02	nq	98
81) 3,3'-Dichlorobenzidine	18.64	252	132865	22.84	nq	# 97
82) Chrysene	18.71	228	641545	39.40	nq	99
83) Bis(2-ethylhexyl)phthalate	18.72	149	535986	37.37	nq	# 98
84) Di-n-octyl phthalate	19.48	149	917809	39.03	nq	96
85) Indeno(1,2,3-cd)pyrene	21.68	276	366392	27.71	nq	99
87) Benzo(b)fluoranthene	19.94	252	531235	53.84	nq	97
88) Benzo(k)fluoranthene	19.97	252	521048	54.74	nq	96
89) Benzo(a)pyrene	20.29	252	396515	43.55	nq	99
90) Dibenzo(a,h)anthracene	21.67	278	295669	39.32	nq	99
91) Benzo(g,h,i)perylene	22.06	276	316302	42.86	nq	98

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

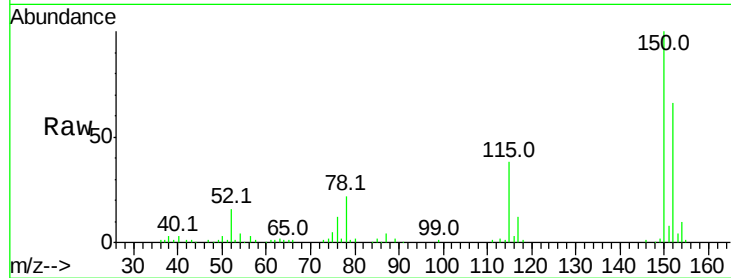


#1

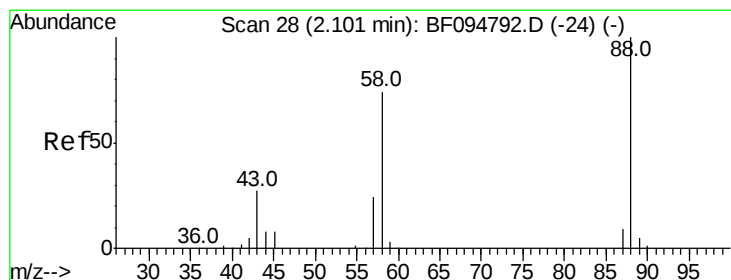
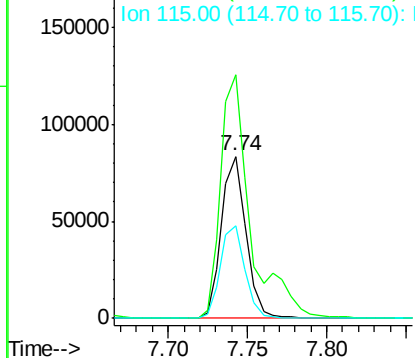
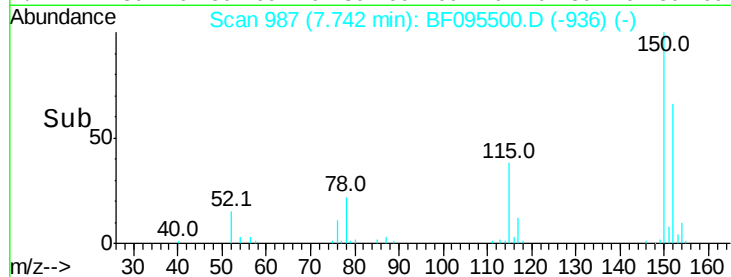
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 89521
Ion Ratio Lower Upper
152 100
150 150.4 126.2 189.2
115 57.4 52.2 78.2



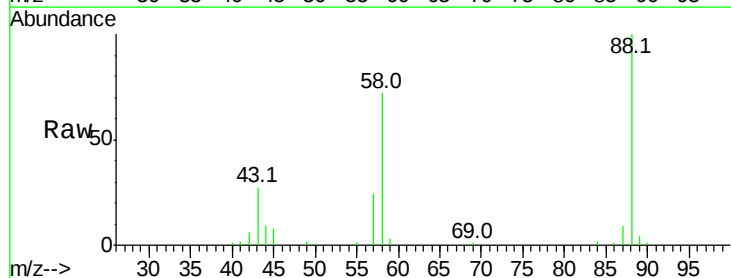
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



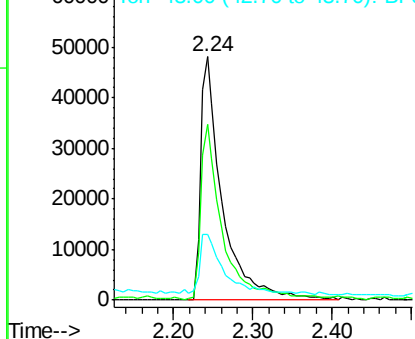
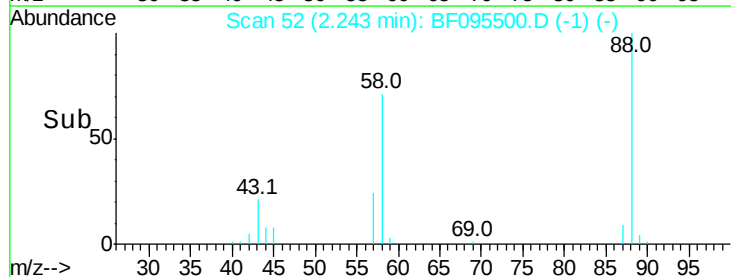
#2

1,4-Dioxane
Concen: 34.91 ng
RT: 2.24 min Scan# 52
Delta R.T. 0.06 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion: 88 Resp: 91925
Ion Ratio Lower Upper
88 100
58 73.5 61.4 92.0
43 25.8 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 31.10 ng

RT: 2.96 min Scan# 174

Delta R.T. 0.08 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

ClientSampleId :

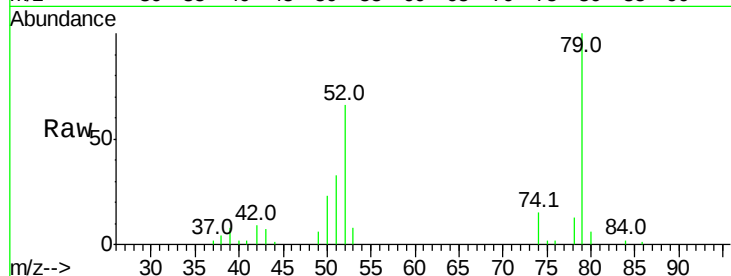
Tot Ion: 79 Resp: 189798

Ion Ratio Lower Upper

79 100

52 65.7 54.8 82.2

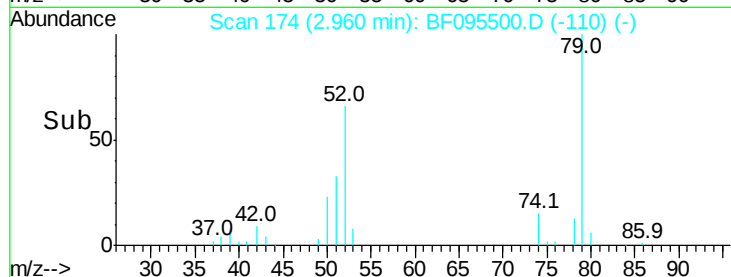
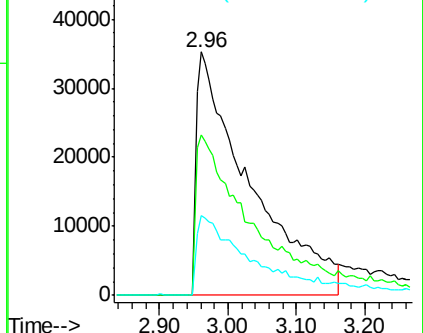
51 32.8 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.13 ng

RT: 2.87 min Scan# 159

Delta R.T. 0.06 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

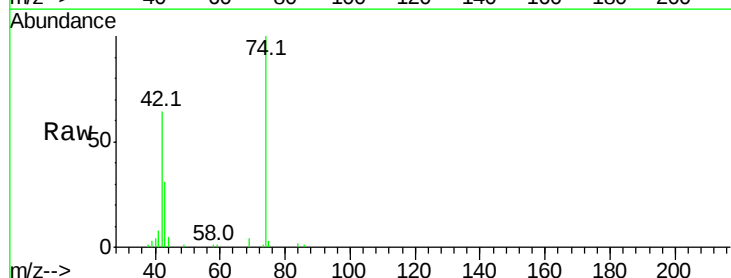
Tgt Ion: 42 Resp: 89367

Ion Ratio Lower Upper

42 100

74 156.2 103.9 155.9#

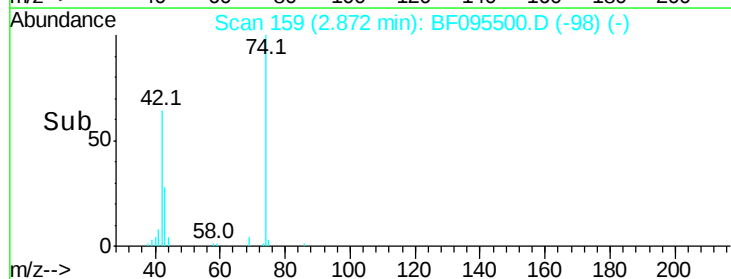
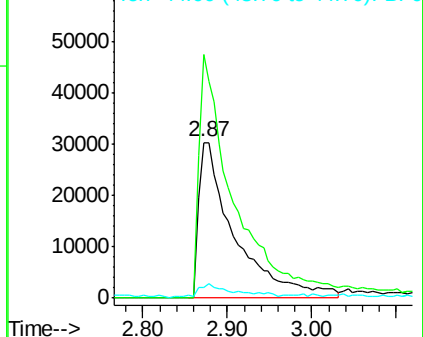
44 7.1 5.7 8.5



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: 145.85 ng

RT: 5.71 min Scan# 642

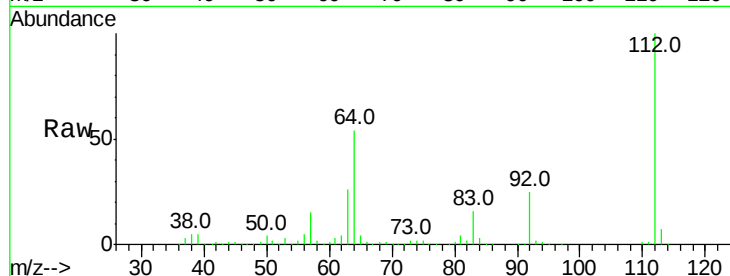
Delta R.T. 0.01 min

Lab File: BF095500.D

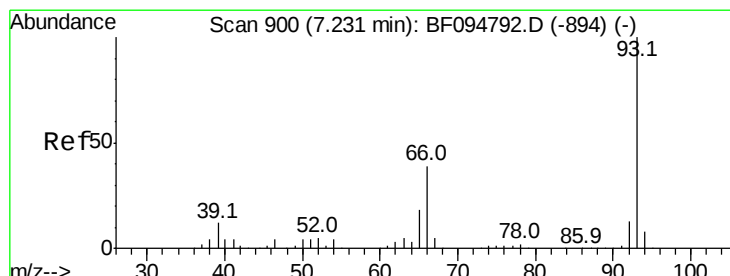
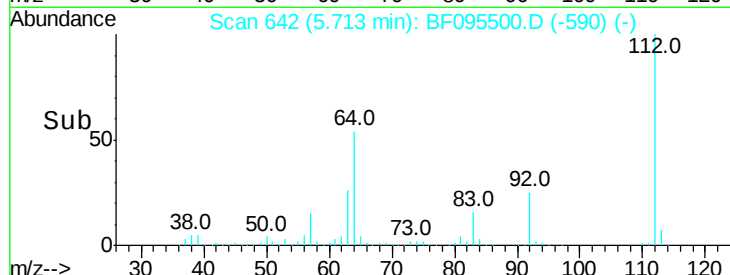
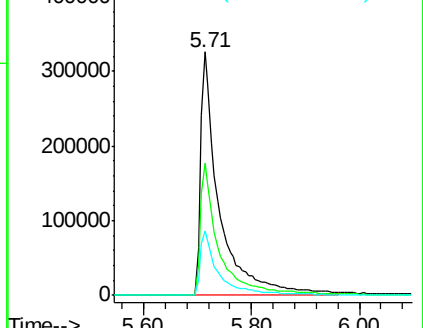
Acq: 27 May 2017 14:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	783163
Ion	Ratio	Lower	Upper
112	100		
64	54.1	46.0	69.0
63	26.2	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 27.66 ng

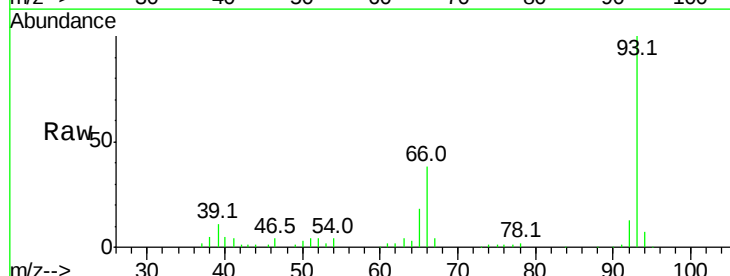
RT: 7.25 min Scan# 904

Delta R.T. 0.00 min

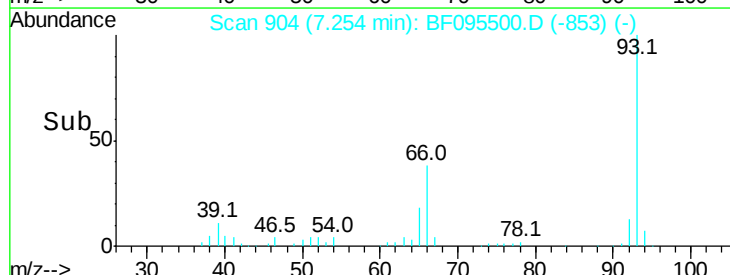
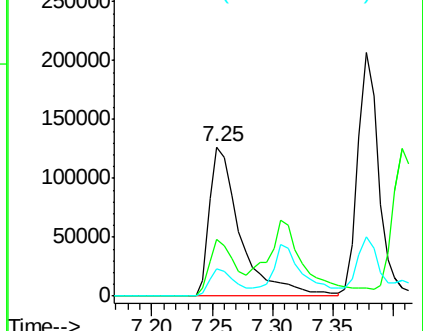
Lab File: BF095500.D

Acq: 27 May 2017 14:11

Tgt Ion:	93	Resp:	224994
Ion	Ratio	Lower	Upper
93	100		
66	38.3	32.9	49.3
65	18.3	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 138.49 ng

RT: 7.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

ClientSampleId :

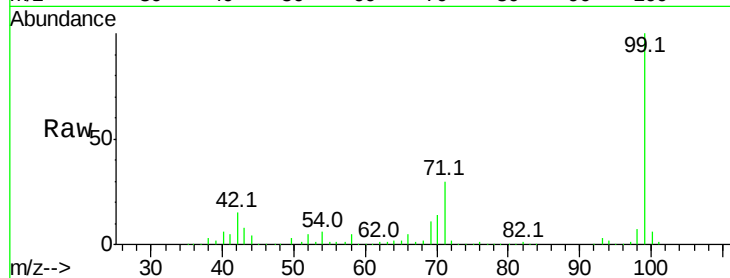
Tot Ion: 99 Resp: 892200

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

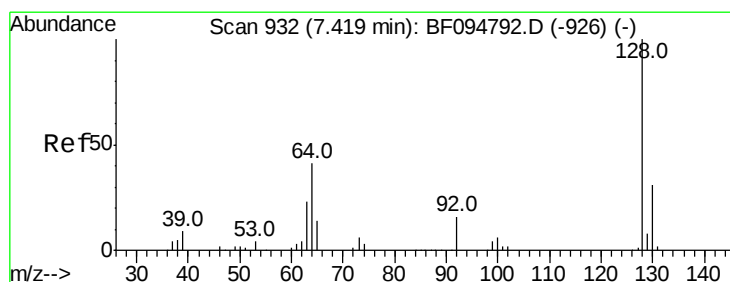
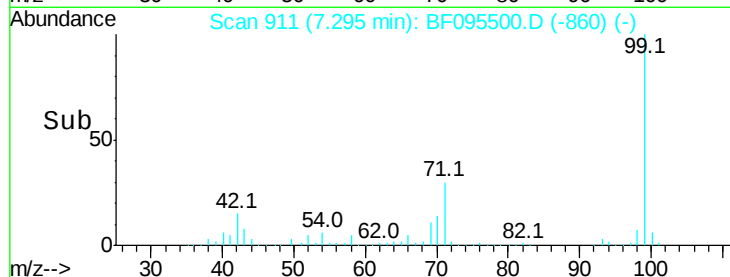
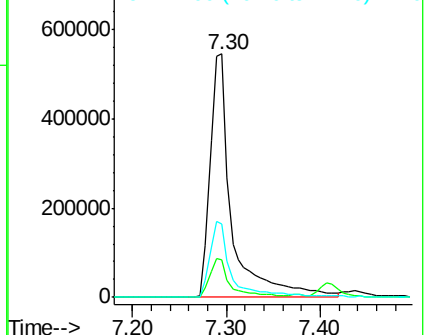
71 29.9 24.5 36.7



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: 46.00 ng

RT: 7.44 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

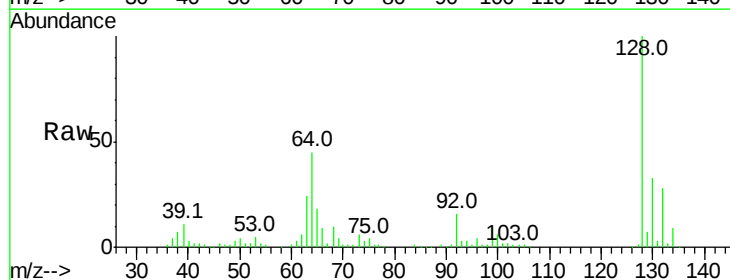
Tgt Ion:128 Resp: 281109

Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

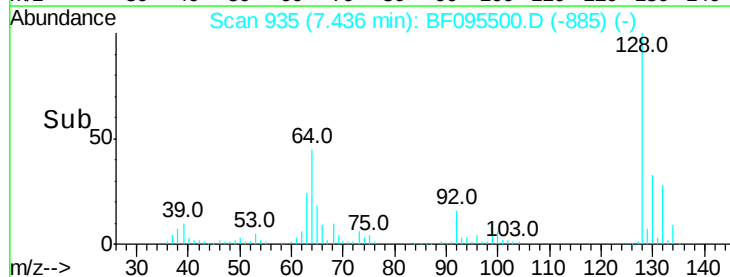
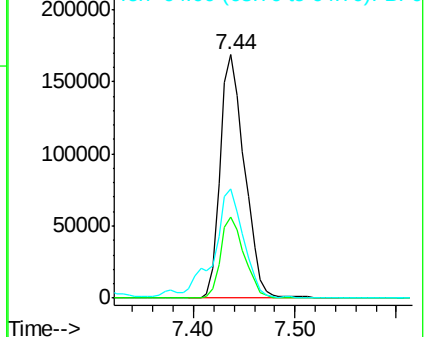
64 44.6 28.4 68.4

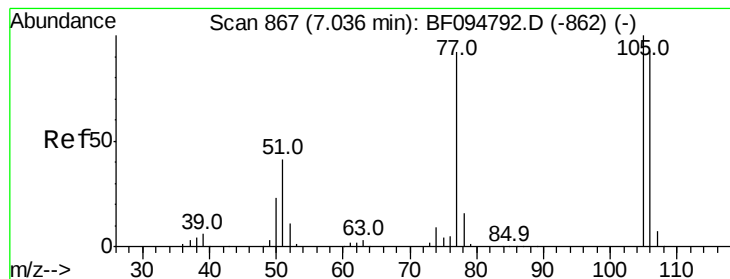


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.93 ng

RT: 7.10 min Scan# 877

Delta R.T. 0.02 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

ClientSampled :

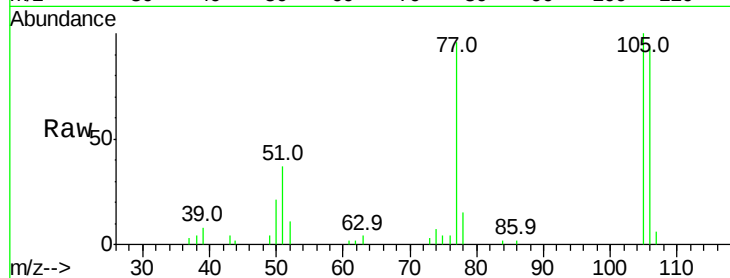
Tot Ion: 77 Resp: 46943

Ion Ratio Lower Upper

77 100

105 104.3 83.8 123.8

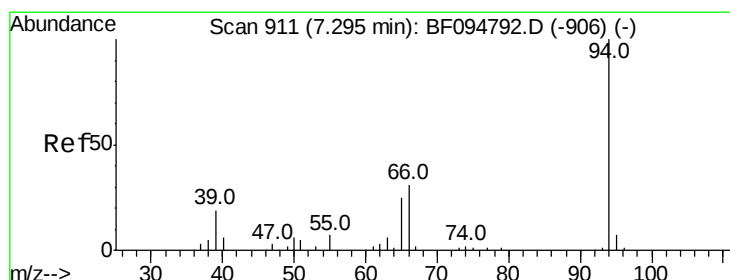
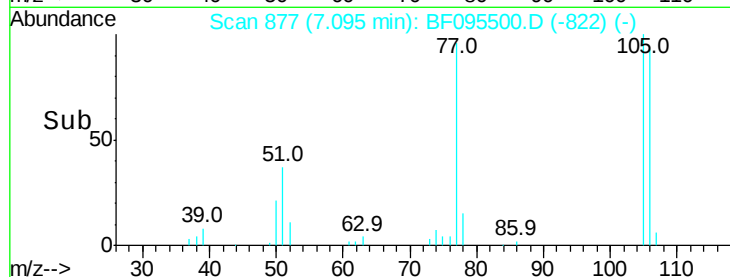
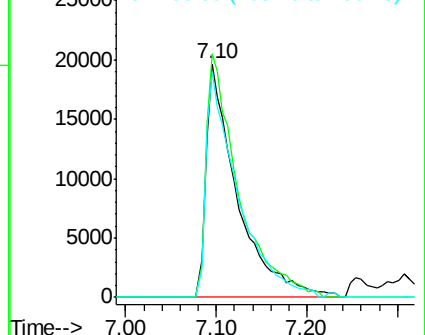
106 96.8 79.1 119.1



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: 50.33 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

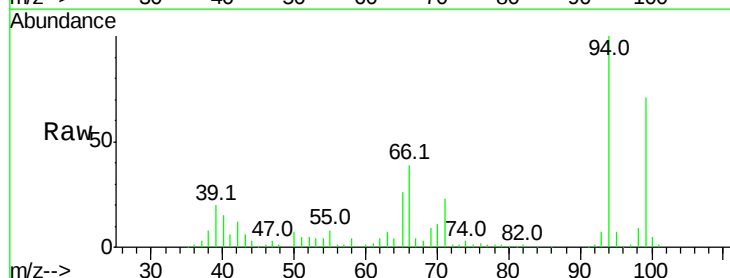
Tgt Ion: 94 Resp: 341664

Ion Ratio Lower Upper

94 100

65 26.3 9.9 49.9

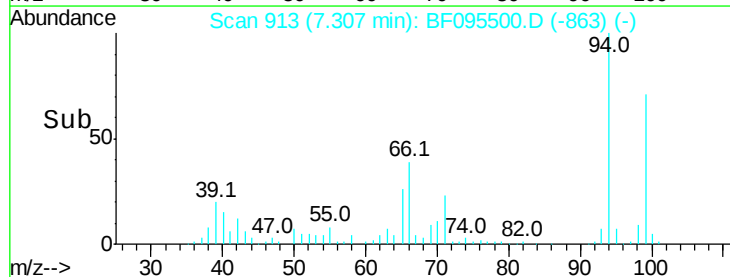
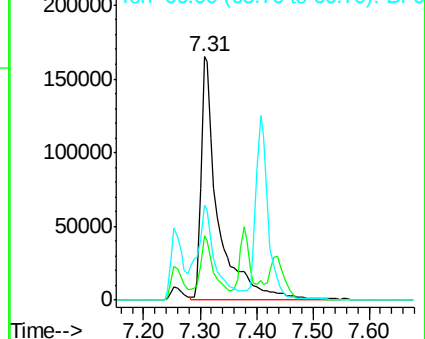
66 38.9 23.1 63.1



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

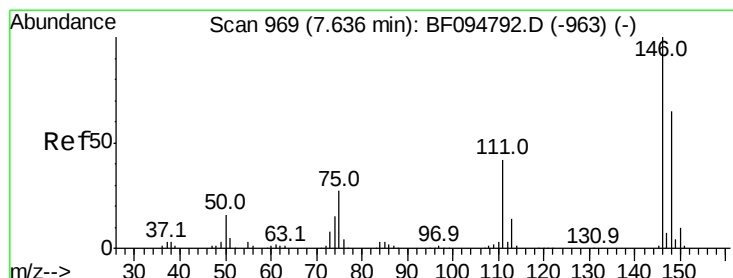
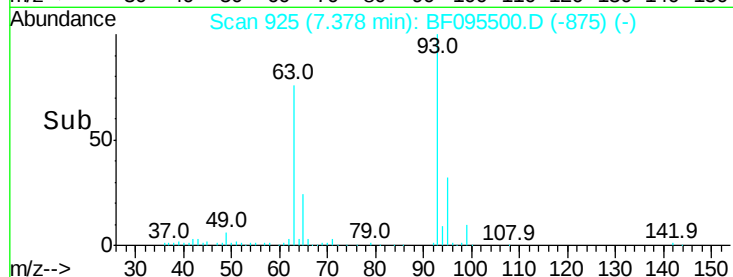
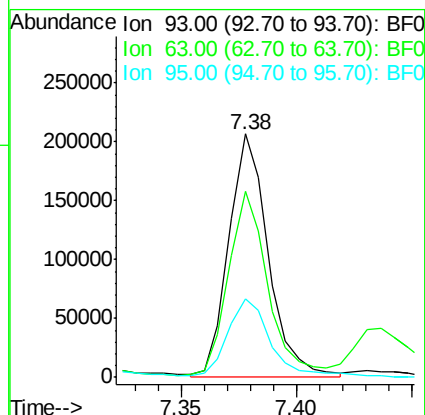
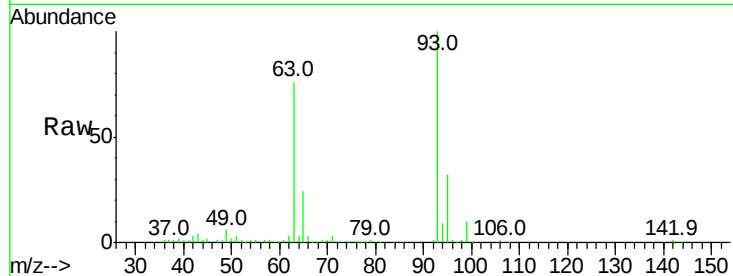




#11
 bis(2-Chloroethyl)ether
 Concen: 43.75 ng
 RT: 7.38 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

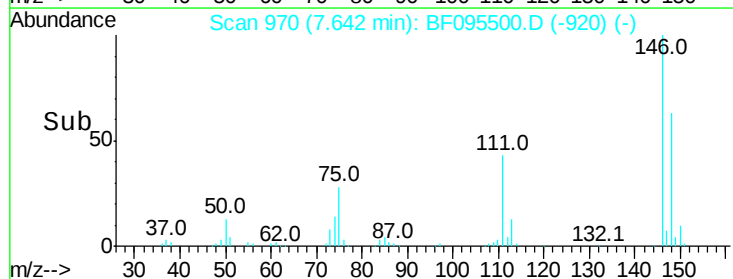
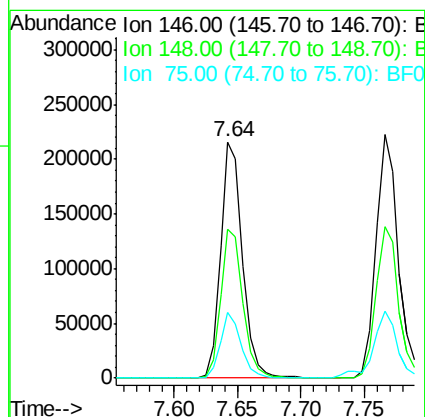
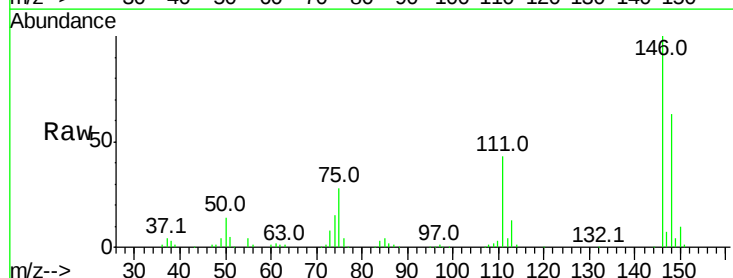
Instrument :
 BNA_F
 ClientSampled :

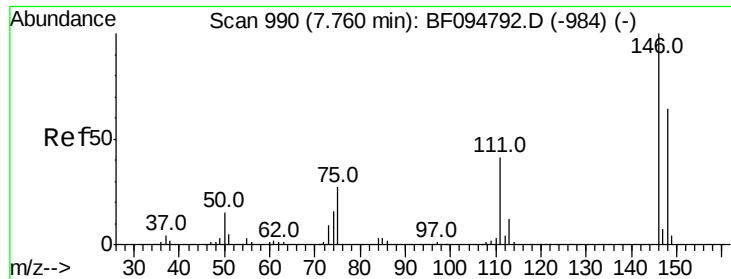
Tot Ion: 93 Resp: 245216
 Ion Ratio Lower Upper
 93 100
 63 76.4 59.2 99.2
 95 32.2 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 37.39 ng
 RT: 7.64 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Tgt Ion: 146 Resp: 259206
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.8 77.6
 75 27.8 23.1 34.7

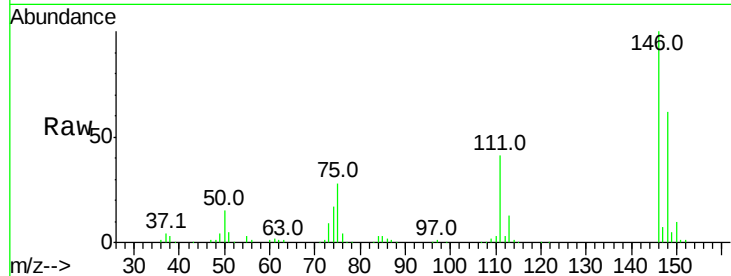




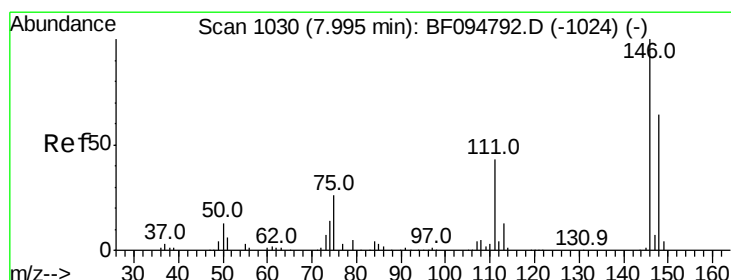
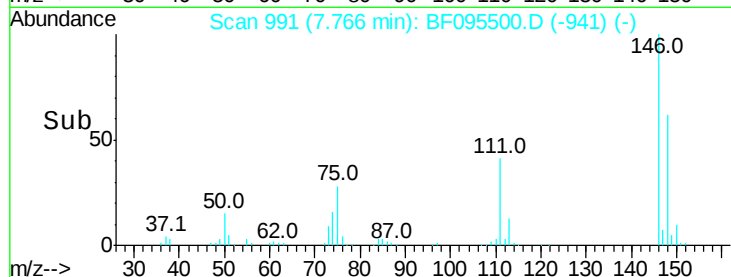
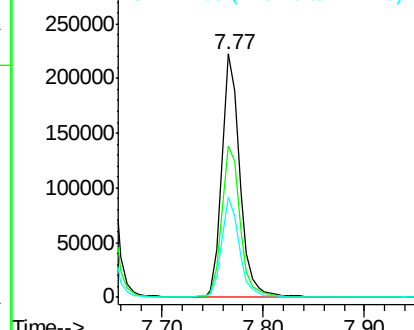
#13
 1,4-Dichlorobenzene
 Concen: 39.49 ng
 RT: 7.77 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 277635
 Ion Ratio Lower Upper
 146 100
 148 62.2 52.2 78.2
 111 41.1 30.3 45.5

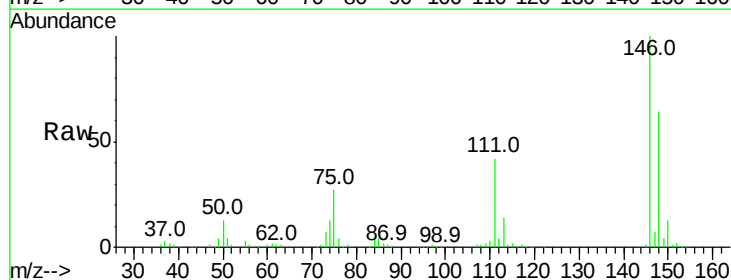


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

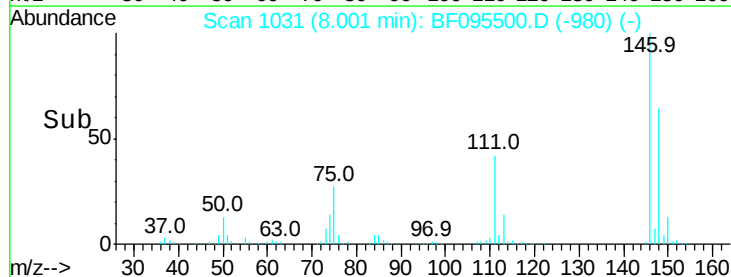
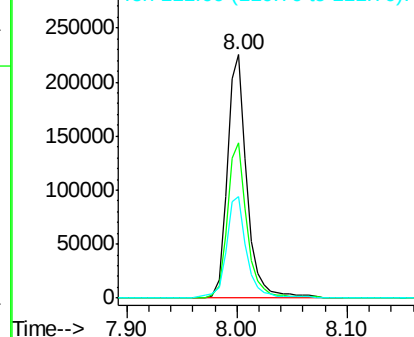


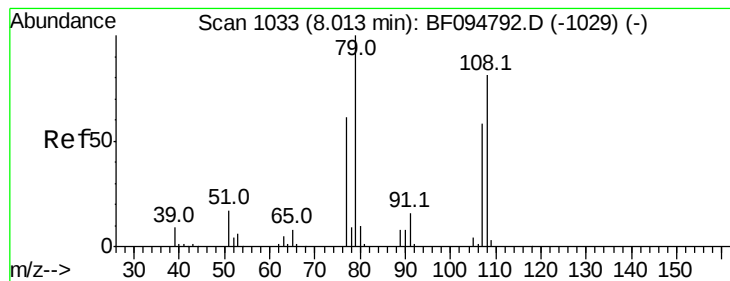
#14
 1,2-Dichlorobenzene
 Concen: 42.51 ng
 RT: 8.00 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Tgt Ion:146 Resp: 278975
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.4 75.6
 111 41.8 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: 51.77 ng

RT: 8.04 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

ClientSampleId :

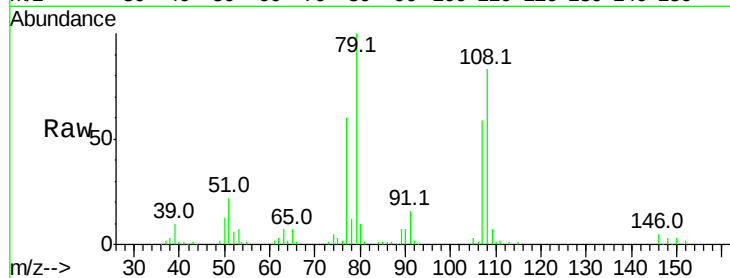
Tot Ion: 79 Resp: 214544

Ion Ratio Lower Upper

79 100

108 82.5 63.4 95.0

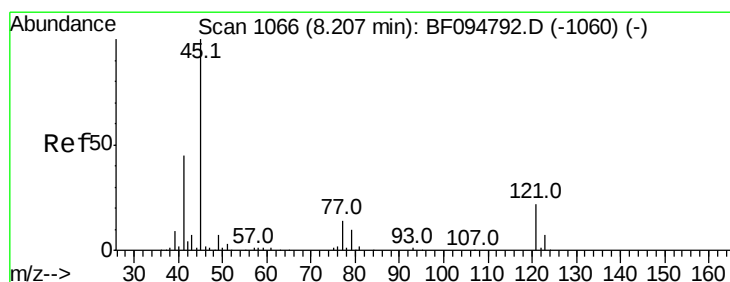
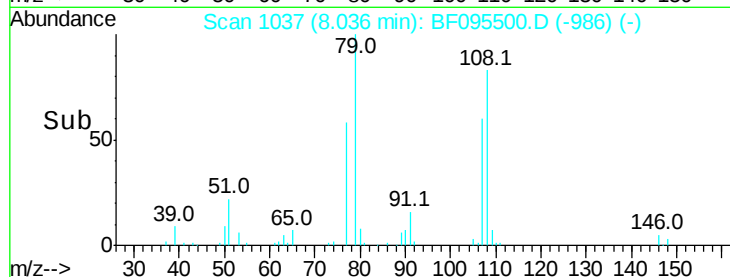
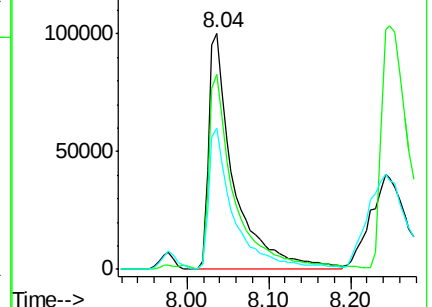
77 59.5 49.2 73.8



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: 41.46 ng

RT: 8.22 min Scan# 1069

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

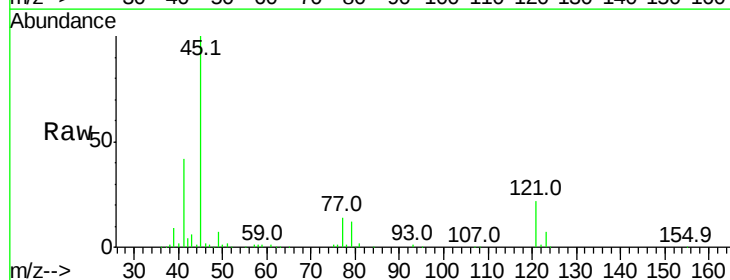
Tgt Ion: 45 Resp: 328890

Ion Ratio Lower Upper

45 100

77 14.0 0.0 33.2

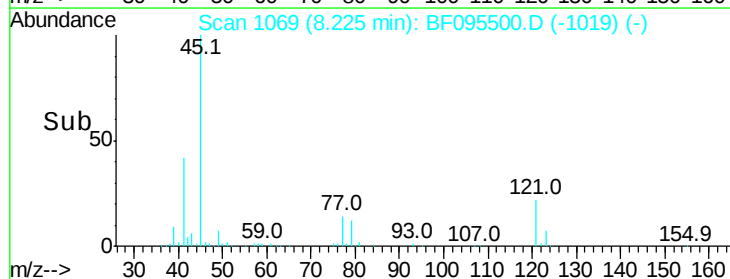
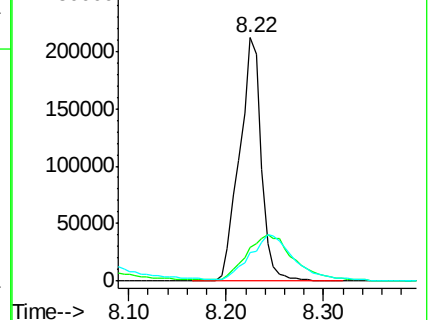
79 11.9 0.0 30.0

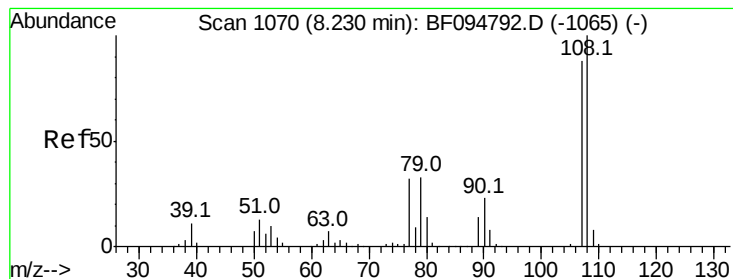


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

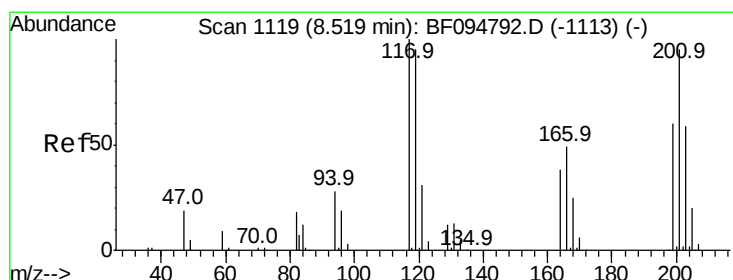
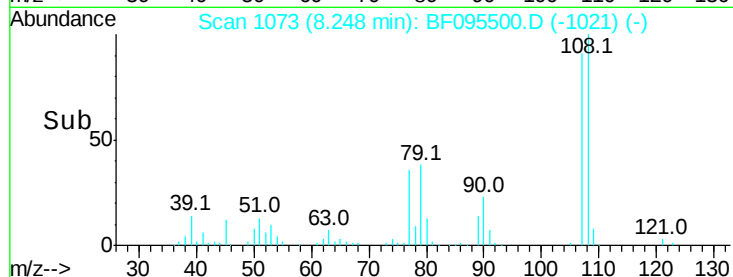
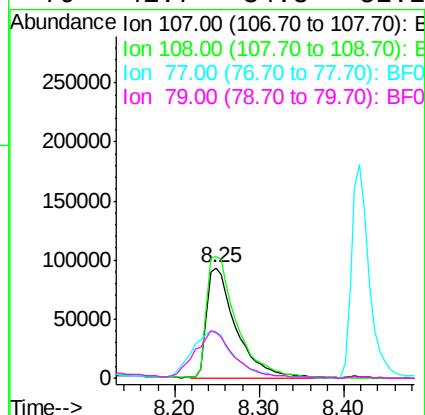
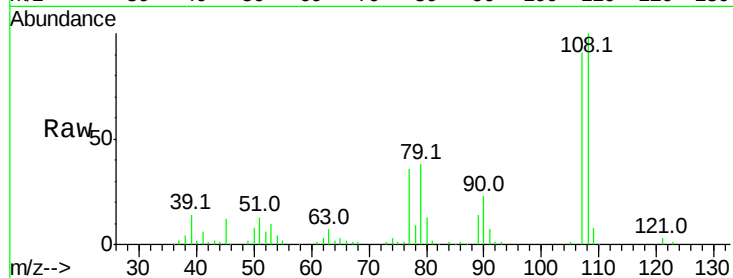




#17
2-Methylphenol
Concen: 45.05 ng
RT: 8.25 min Scan# 1073
Delta R.T. 0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

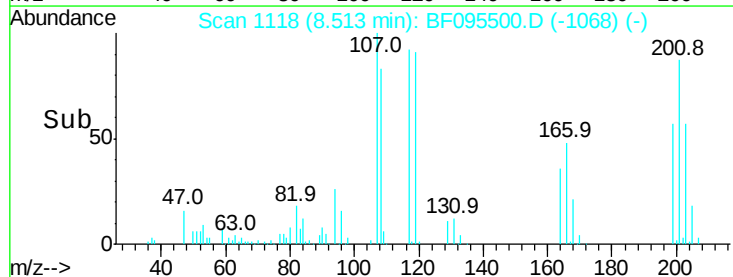
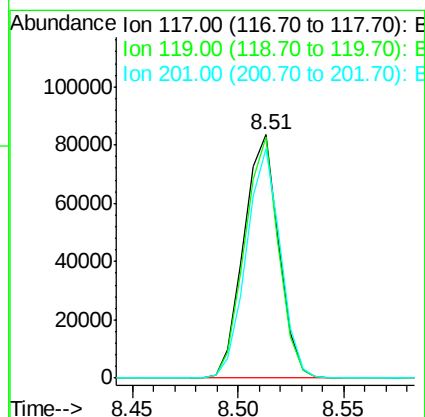
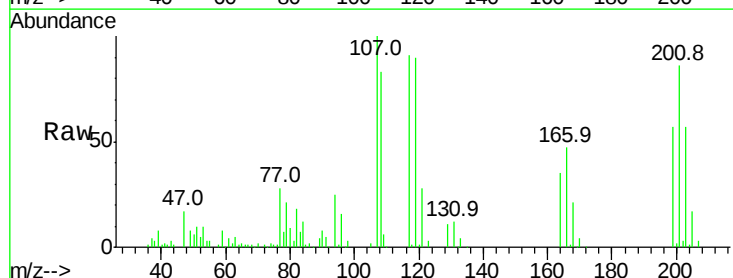
Instrument :
BNA_F
ClientSampleId :

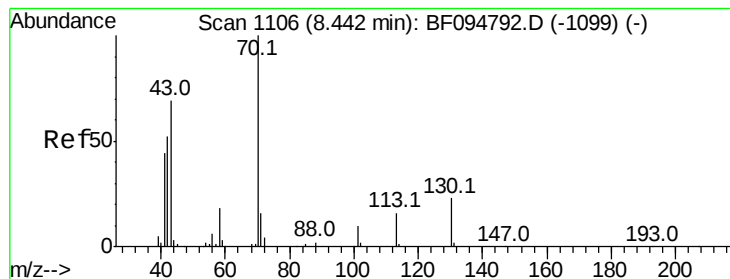
Tot Ion:107 Resp: 225323
Ion Ratio Lower Upper
107 100
108 110.5 93.4 140.0
77 40.2 35.8 53.6
79 41.7 34.8 52.2



#18
Hexachloroethane
Concen: 40.58 ng
RT: 8.51 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion:117 Resp: 96657
Ion Ratio Lower Upper
117 100
119 98.8 77.4 116.0
201 94.4 94.6 141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 43.61 ng

RT: 8.45 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 190028

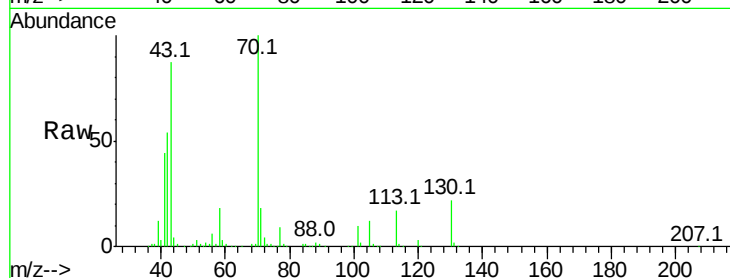
Ion Ratio Lower Upper

70 100

42 53.5 47.2 70.8

101 9.6 7.2 10.8

130 21.8 15.9 23.9

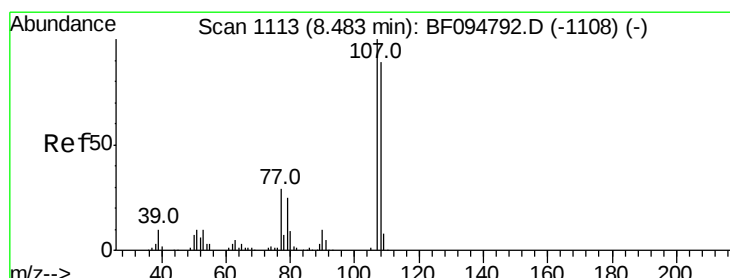
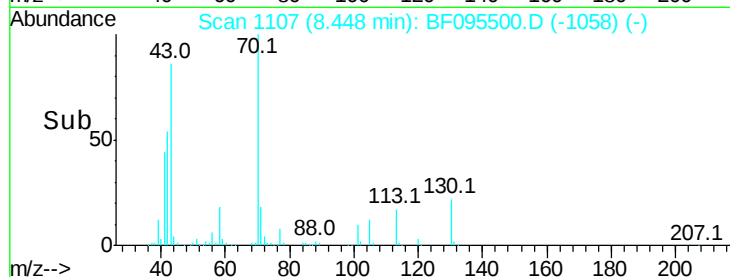
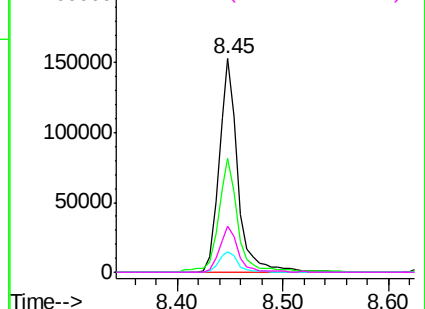


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 42.76 ng

RT: 8.51 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Tgt Ion:107 Resp: 290615

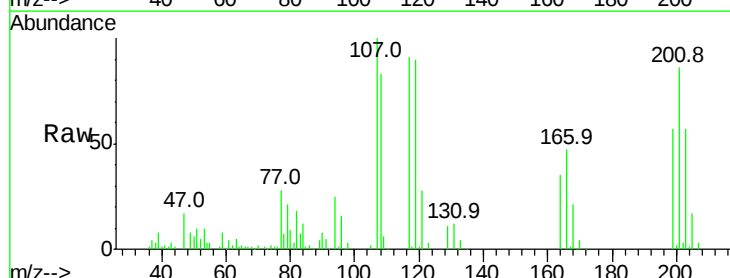
Ion Ratio Lower Upper

107 100

108 83.0 71.0 111.0

77 27.7 90.5 130.5#

79 20.6 8.4 48.4

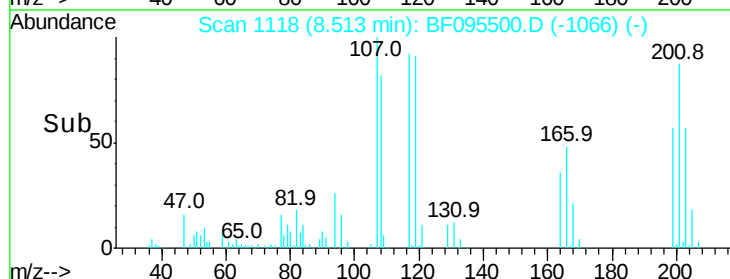
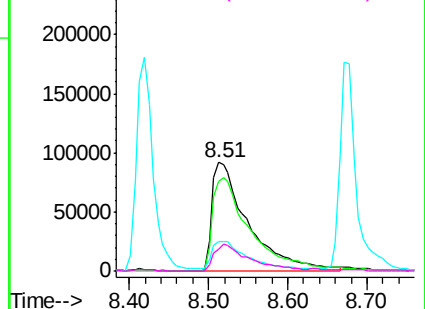


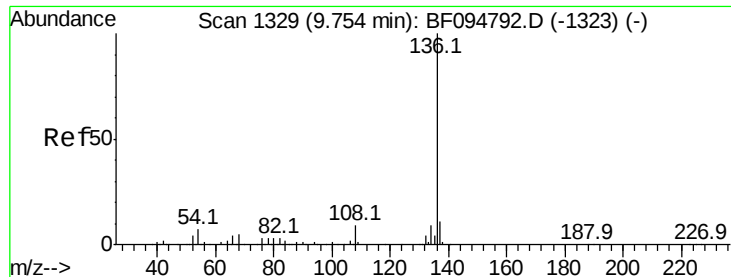
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.75 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:136 Resp: 394208

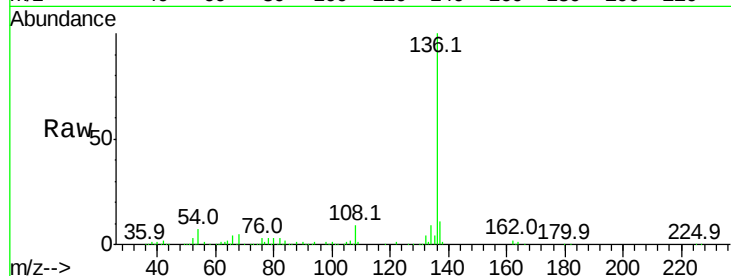
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.0 4.9 7.3

68 5.4 4.1 6.1

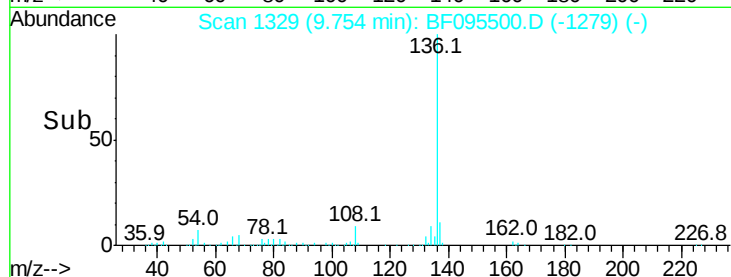


Abundance Ion 136.00 (135.70 to 136.70): E

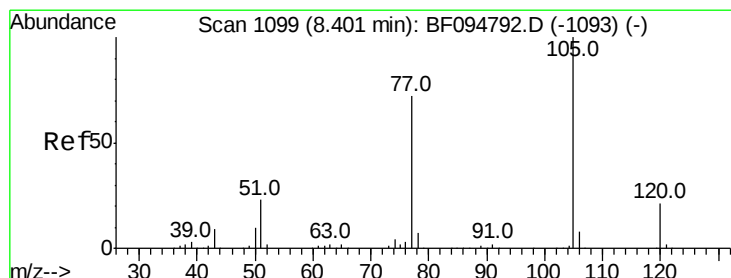
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 39.52 ng

RT: 8.42 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Tgt Ion:105 Resp: 373781

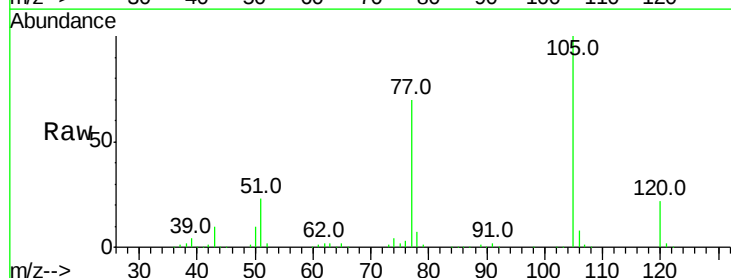
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.1 30.7 46.1#

120 22.0 17.4 26.0

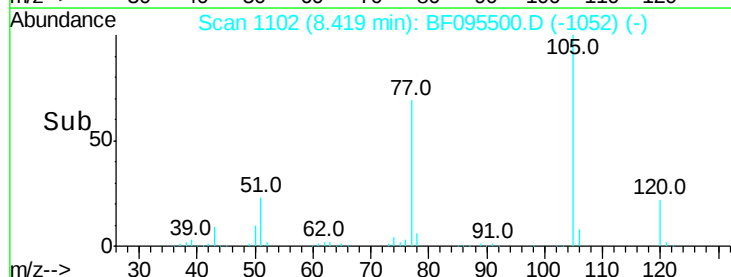


Abundance Ion 105.00 (104.70 to 105.70): E

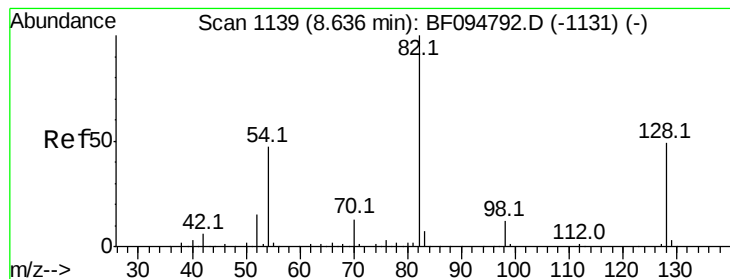
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 78.44 ng

RT: 8.65 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :
BNA_F
ClientSampled :

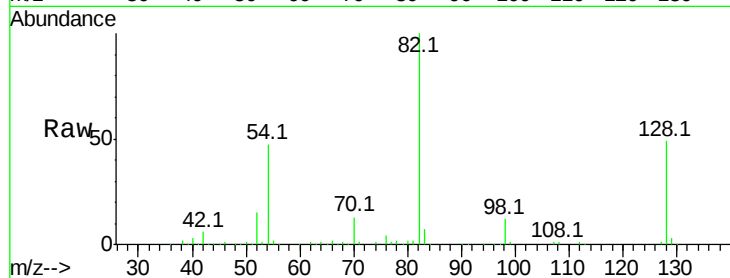
Tot Ion: 82 Resp: 490373

Ion Ratio Lower Upper

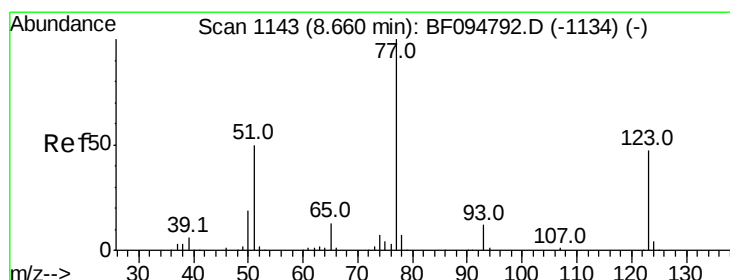
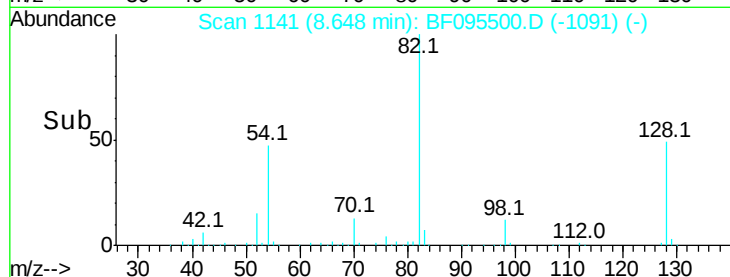
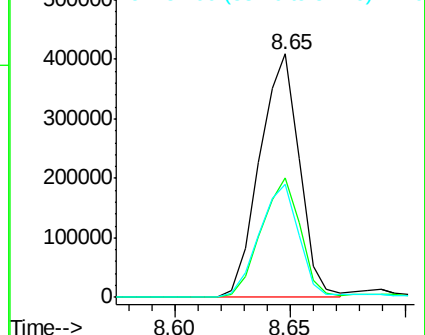
82 100

128 49.1 34.0 51.0

54 46.6 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 38.84 ng

RT: 8.67 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

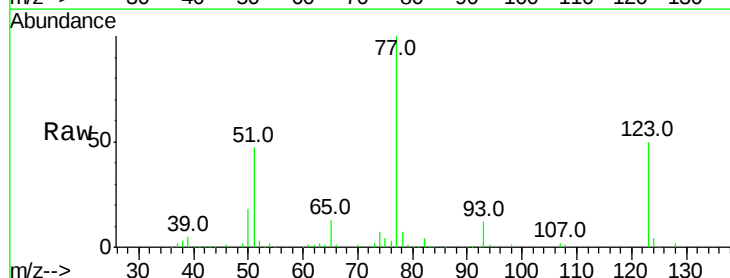
Tgt Ion: 77 Resp: 254492

Ion Ratio Lower Upper

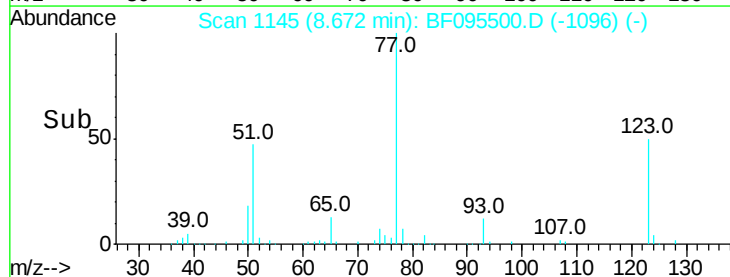
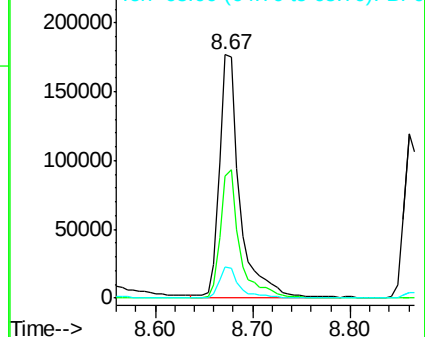
77 100

123 49.9 35.8 53.8

65 12.9 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0

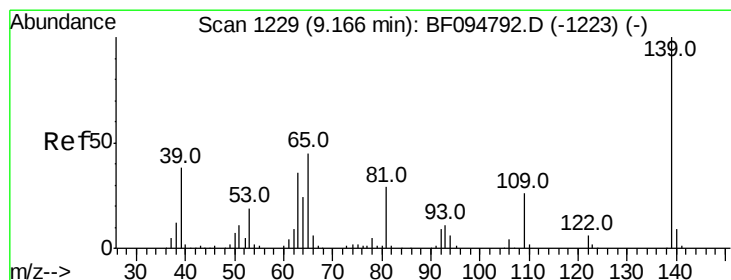
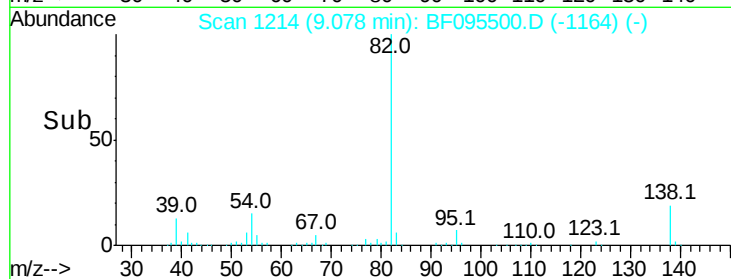
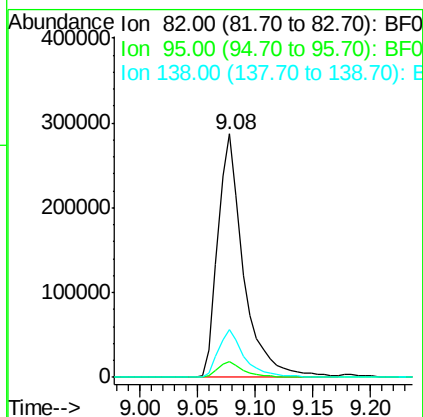
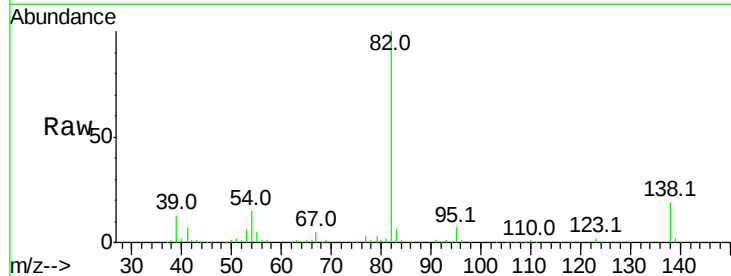




#25
Isophorone
Concen: 39.88 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

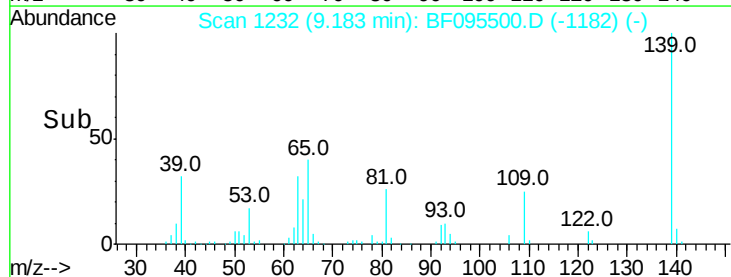
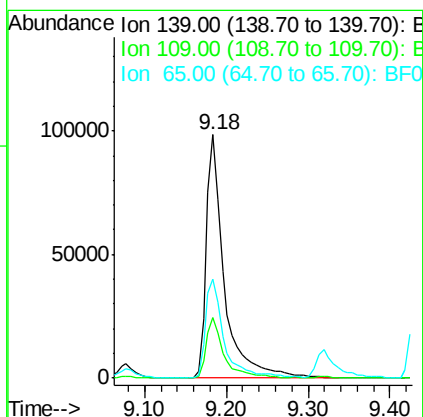
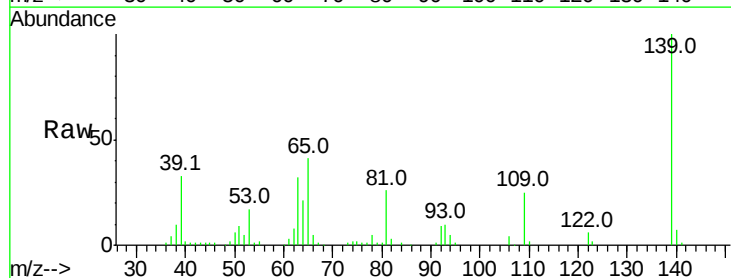
Instrument :
BNA_F
ClientSampleId :

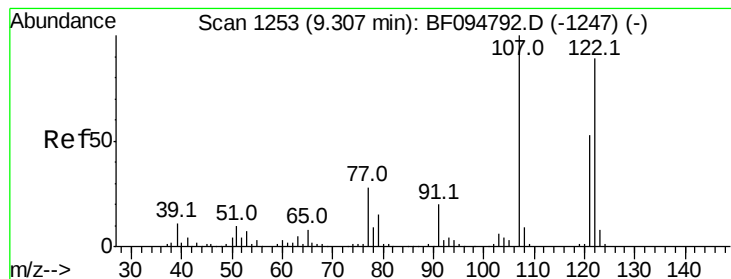
Tot Ion: 82 Resp: 445183
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 19.4 13.1 19.7



#26
2-Nitrophenol
Concen: 42.75 ng
RT: 9.18 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion: 139 Resp: 151164
Ion Ratio Lower Upper
139 100
109 24.9 21.0 31.6
65 40.7 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 39.61 ng

RT: 9.32 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

ClientSampleId :

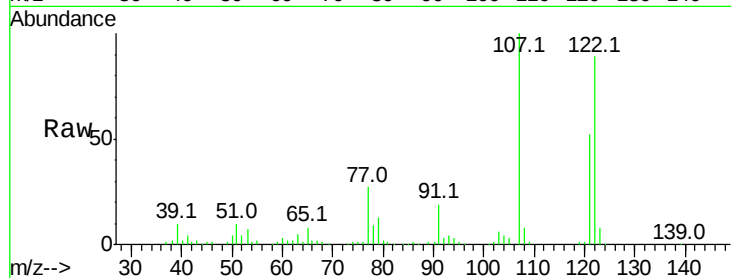
Tot Ion:122 Resp: 226411

Ion Ratio Lower Upper

122 100

107 112.5 89.2 133.8

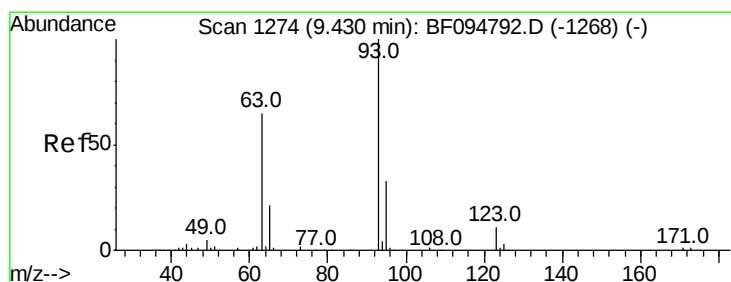
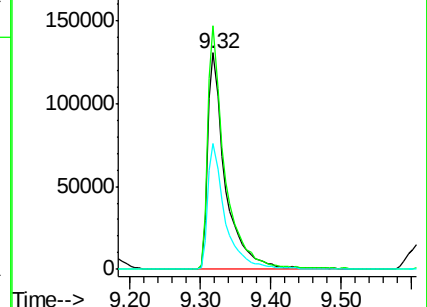
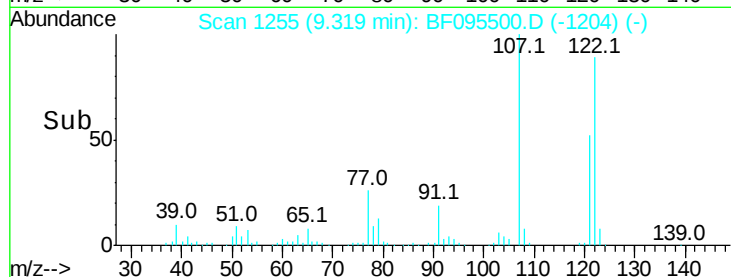
121 58.1 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.75 ng

RT: 9.44 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

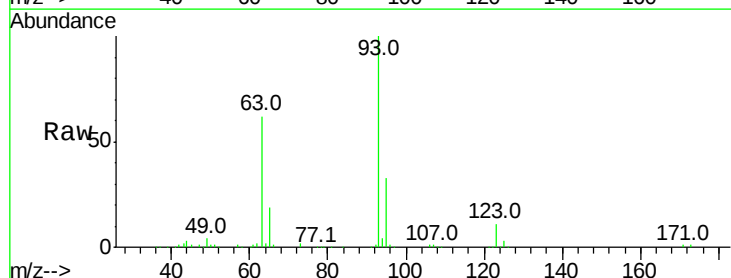
Tgt Ion: 93 Resp: 306926

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

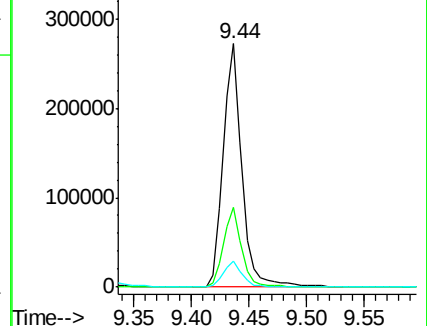
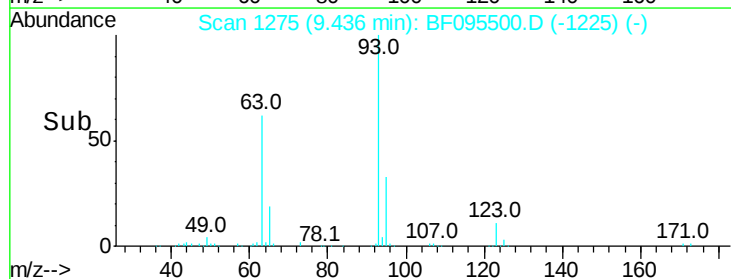
123 10.8 9.0 13.4

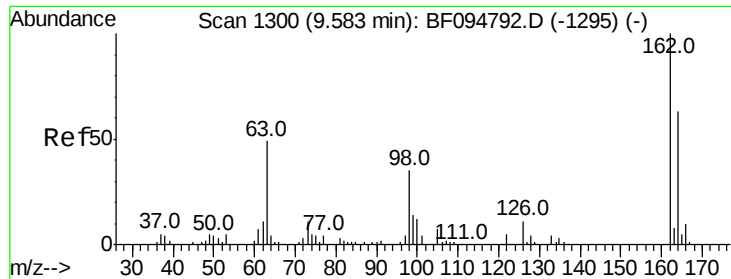


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

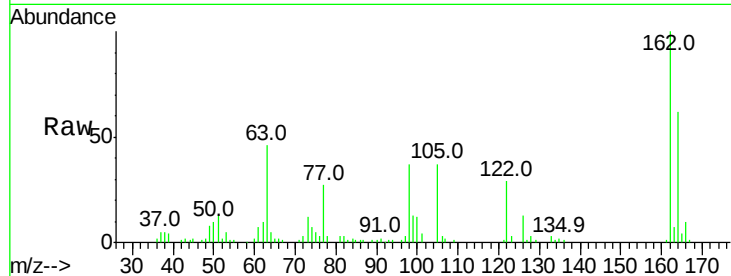




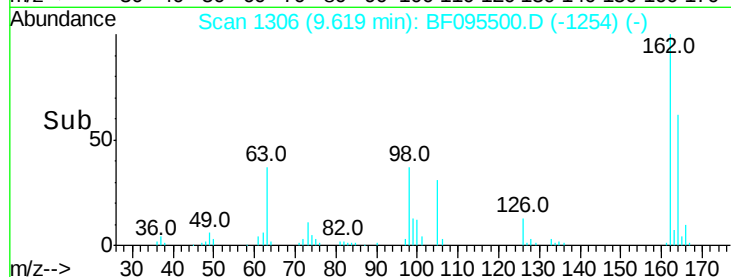
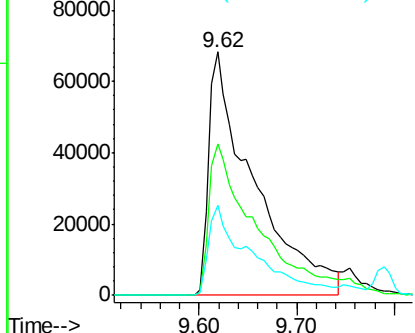
#29
 2,4-Dichlorophenol
 Concen: 40.58 ng
 RT: 9.62 min Scan# 1306
 Delta R.T. 0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.1	44.6	84.6
98	37.0	14.8	54.8

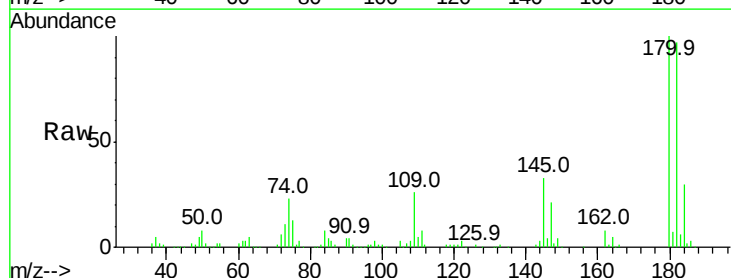


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

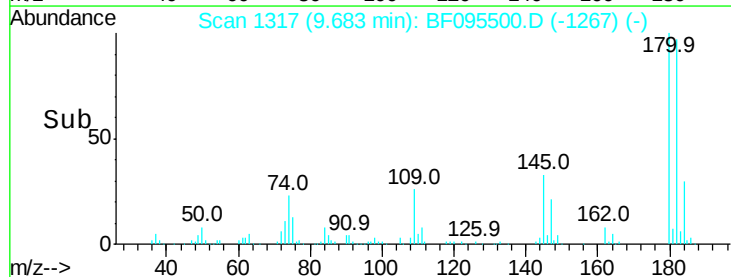
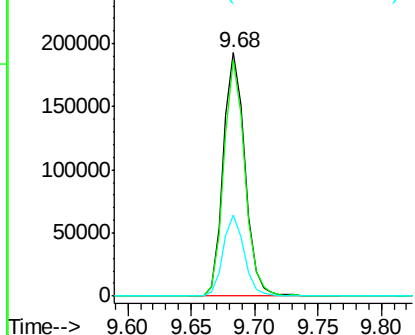


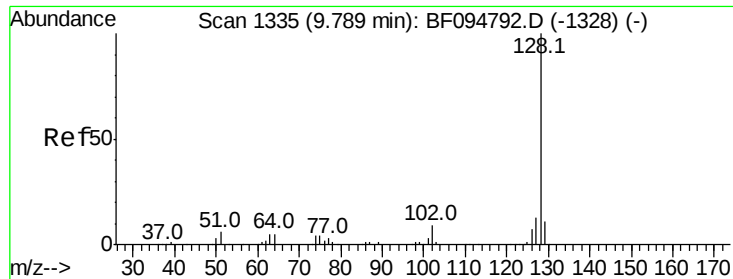
#30
 1,2,4-Trichlorobenzene
 Concen: 39.43 ng
 RT: 9.68 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.8	113.6
145	33.4	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

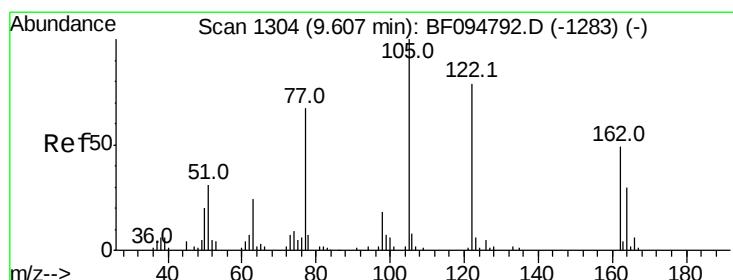
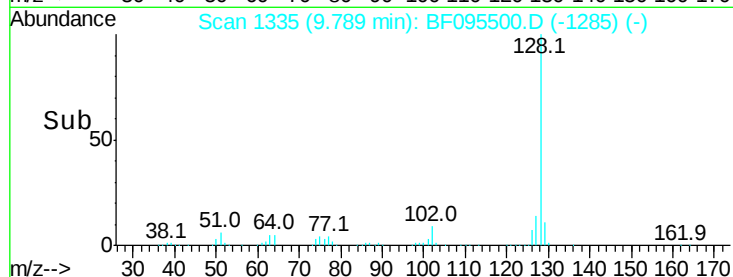
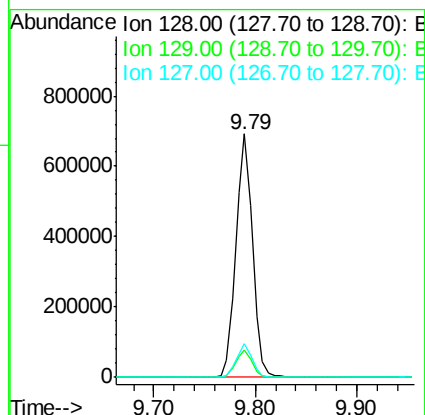
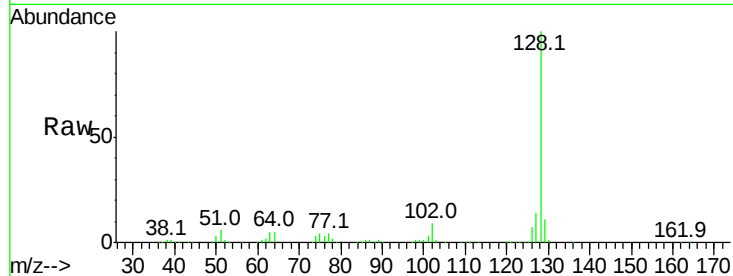




#31
Naphthalene
Concen: 39.75 ng
RT: 9.79 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

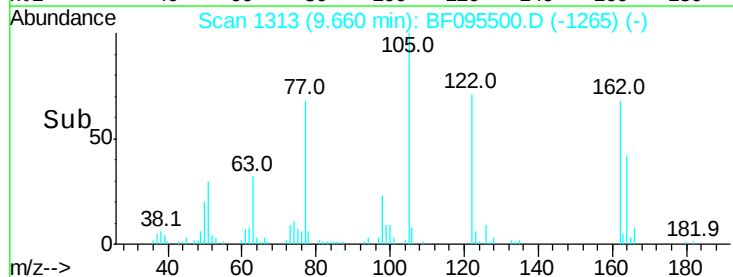
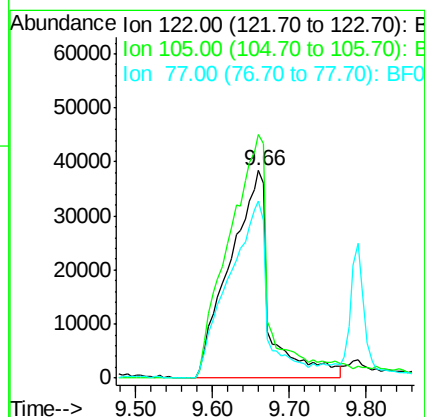
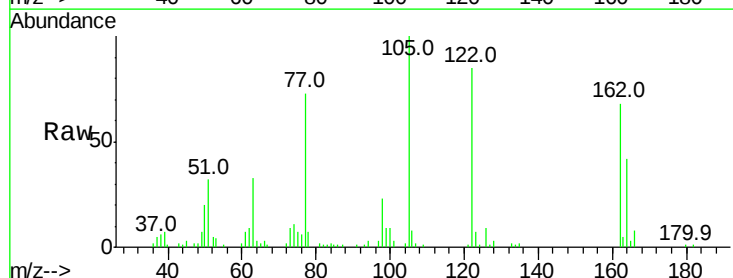
Instrument :
BNA_F
ClientSampled :

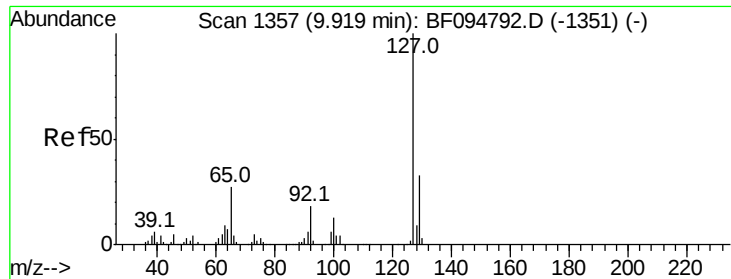
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.6	10.8	16.2



#32
Benzoic acid
Concen: 38.18 ng
RT: 9.66 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.5	103.3	143.3
77	85.6	73.7	113.7

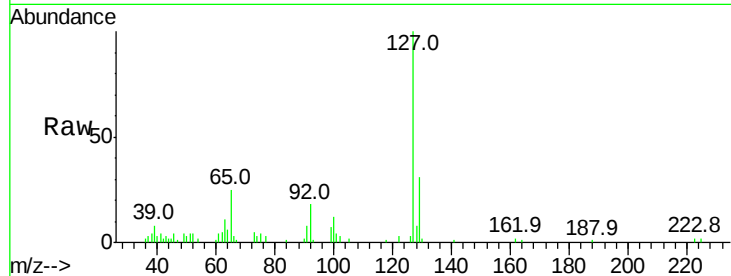




#33
4-Chloroaniline
Concen: 11.35 ng
RT: 9.98 min Scan# 1367
Delta R.T. 0.04 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.2	39.2
65	24.8	27.8	41.8#
92	17.8	16.8	25.2



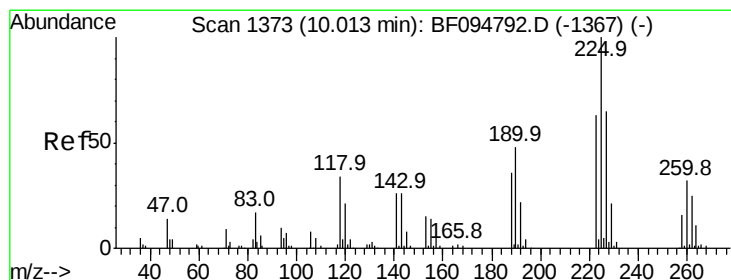
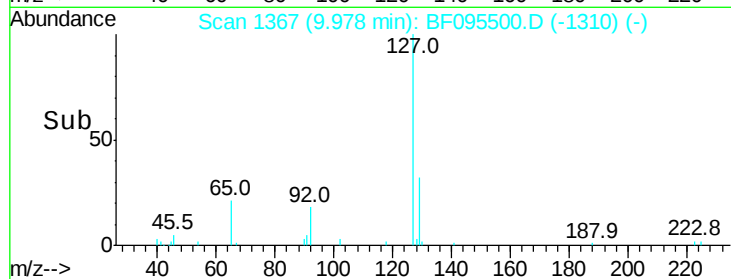
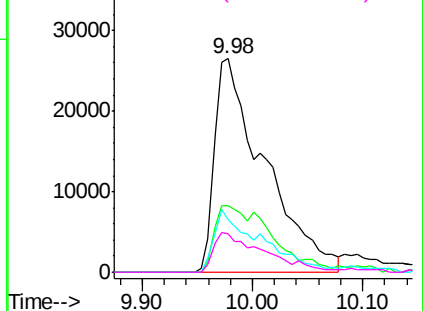
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

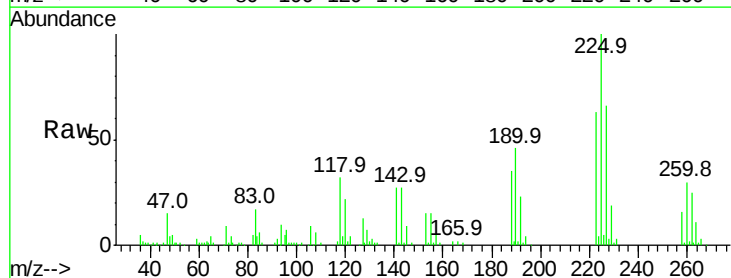
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 37.63 ng
RT: 10.00 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	48.8	73.2
227	66.3	51.1	76.7

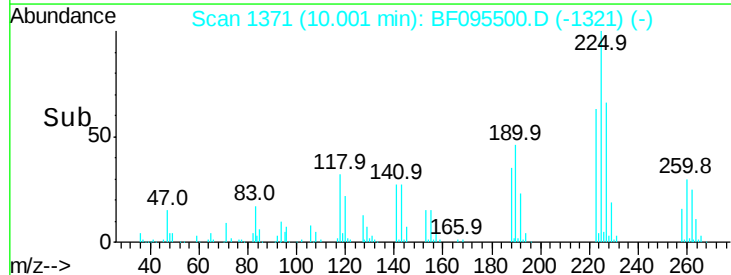
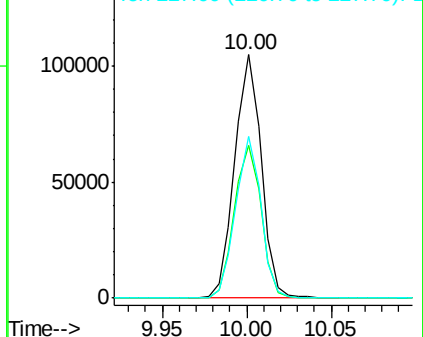


Abundance

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: 10.06 ng

RT: 10.66 min Scan# 1483

Delta R.T. 0.07 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

ClientSampleId :

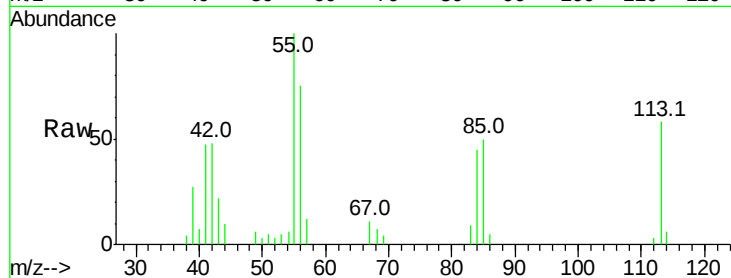
Tot Ion:113 Resp: 16313

Ion Ratio Lower Upper

113 100

55 172.3 150.2 190.2

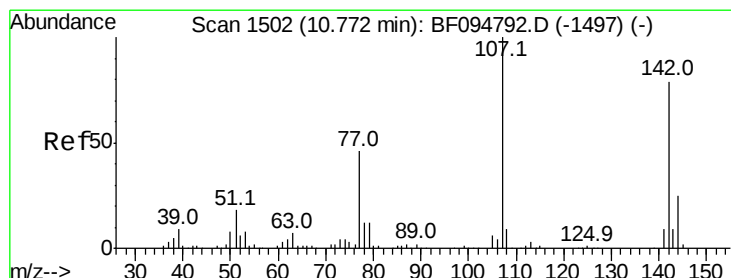
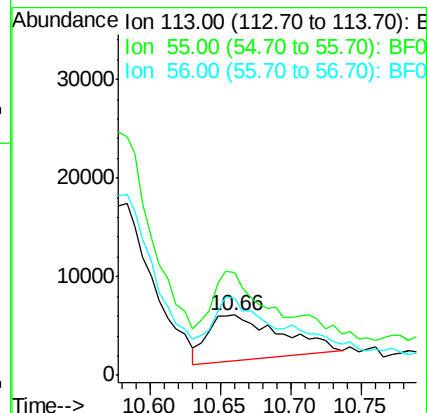
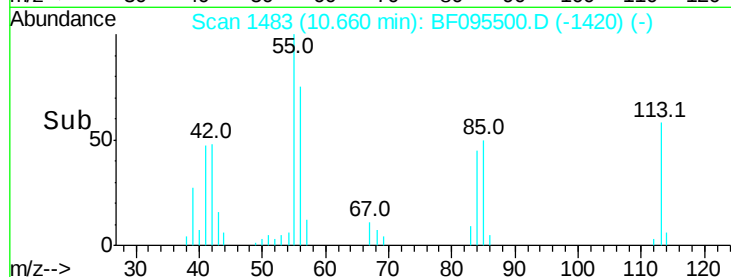
56 128.6 107.8 147.8



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: 43.91 ng

RT: 10.80 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

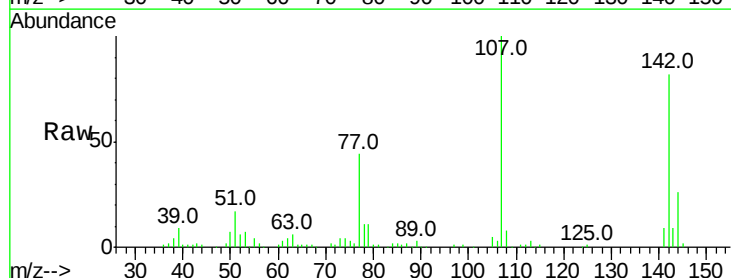
Tgt Ion:107 Resp: 253417

Ion Ratio Lower Upper

107 100

144 26.1 24.2 36.4

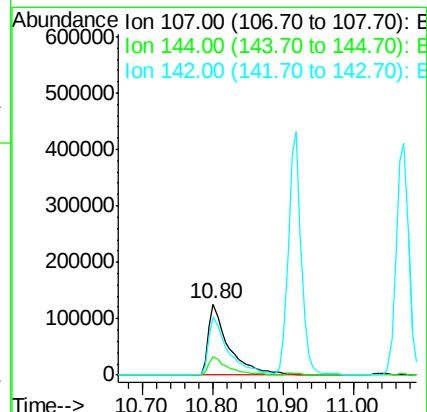
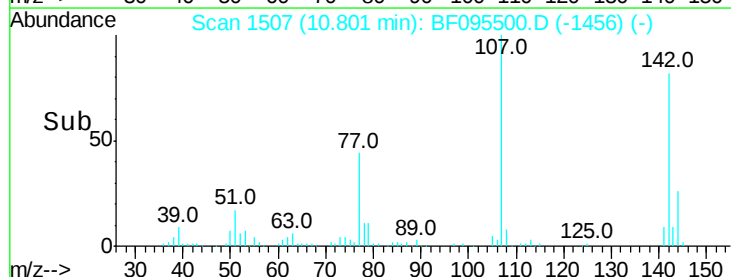
142 81.8 73.4 110.0

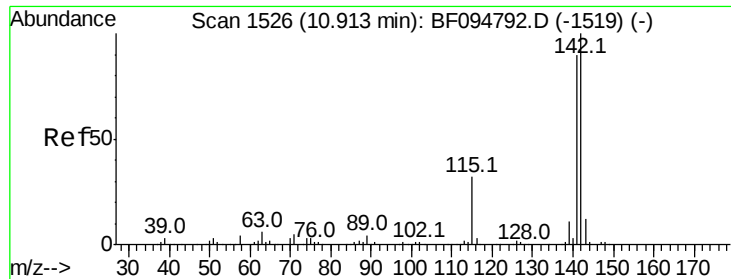


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

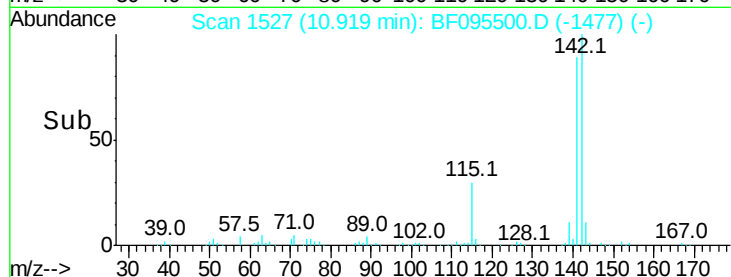
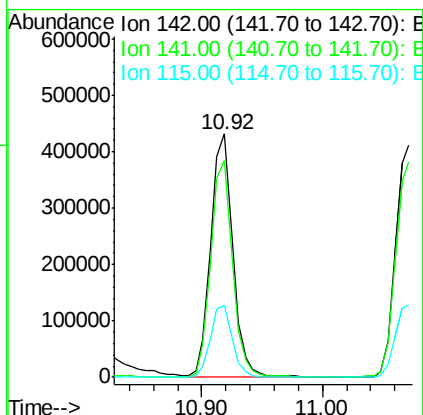
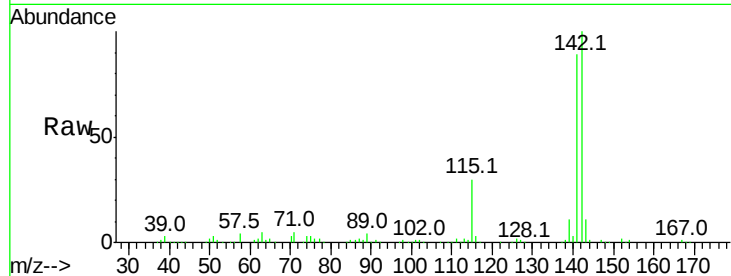




#37
2-Methylnaphthalene
Concen: 41.69 ng
RT: 10.92 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

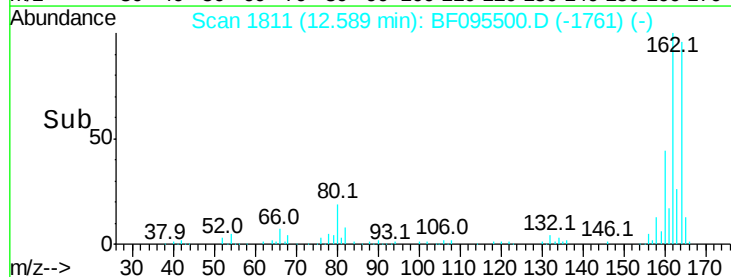
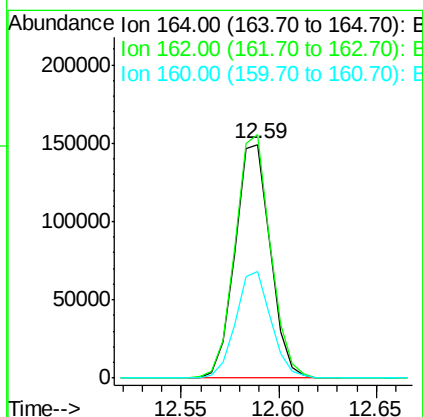
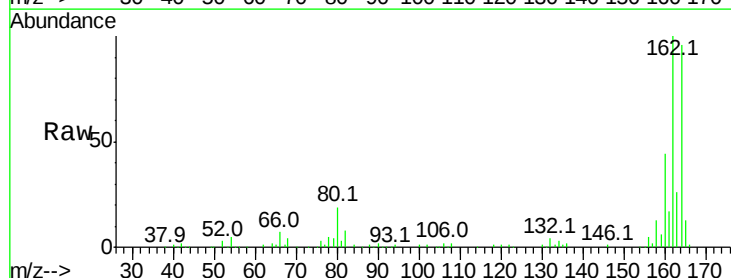
Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 542110
Ion Ratio Lower Upper
142 100
141 89.0 71.3 106.9
115 29.7 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion:164 Resp: 186422
Ion Ratio Lower Upper
164 100
162 104.2 82.6 123.8
160 45.8 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.75 ng

RT: 11.20 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 182014

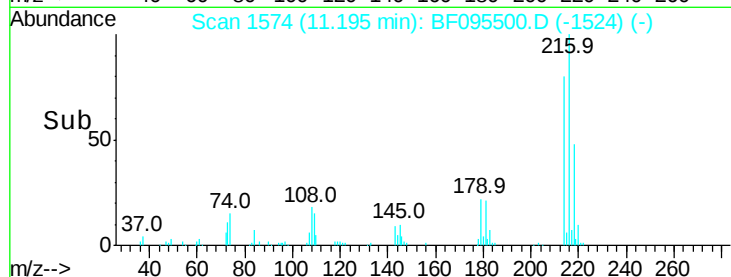
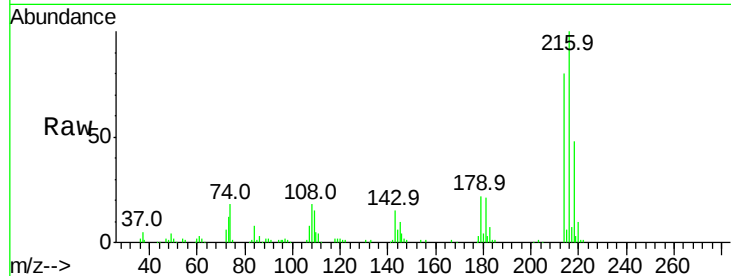
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.2

179 22.0 17.9 26.9

108 17.1 16.5 24.7

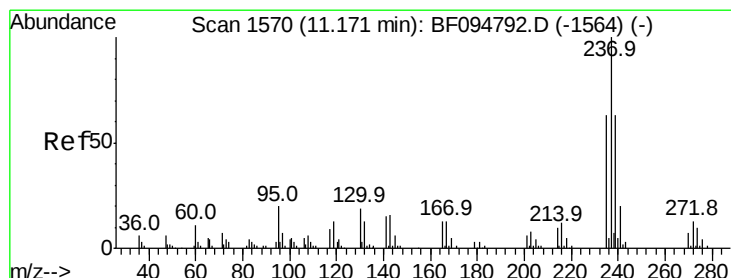
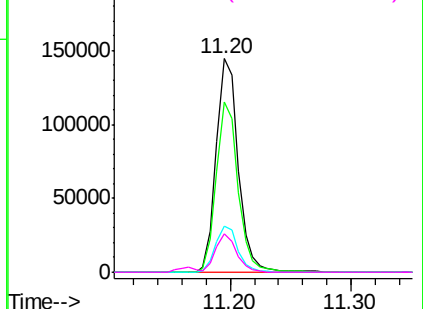


Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.88 ng

RT: 11.17 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

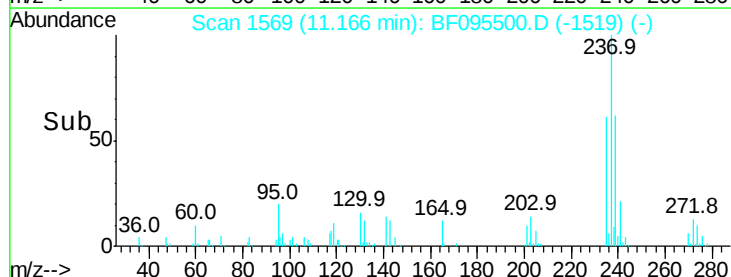
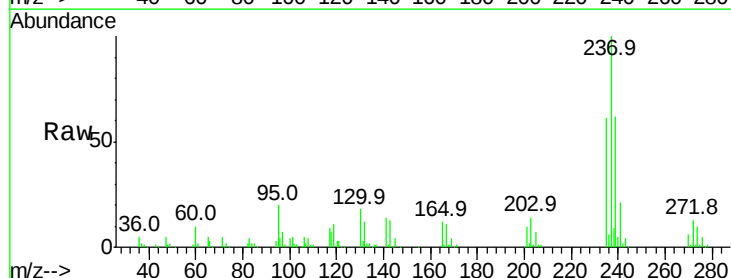
Tgt Ion:237 Resp: 98627

Ion Ratio Lower Upper

237 100

235 61.2 42.6 82.6

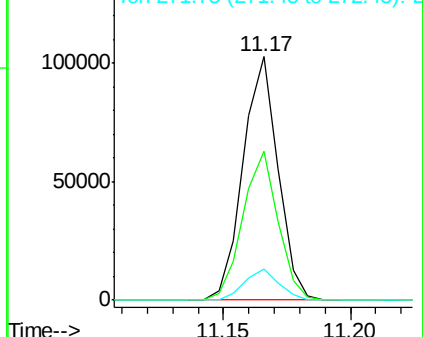
272 12.8 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

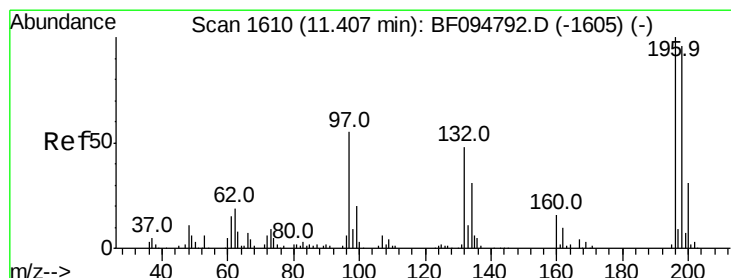
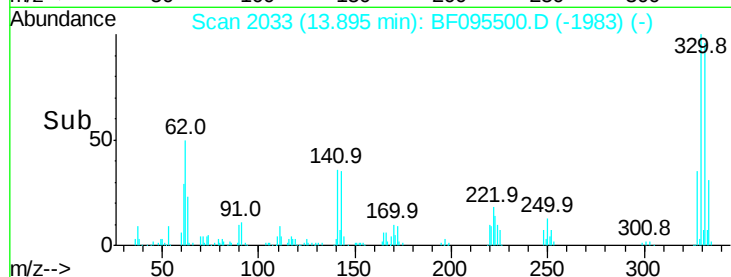
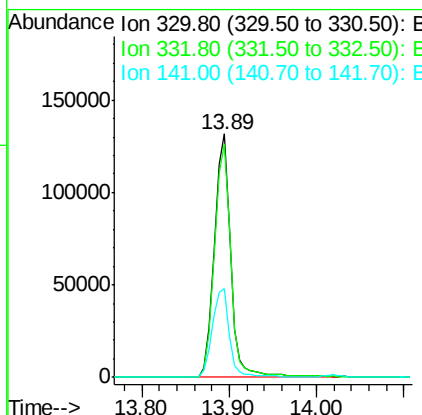
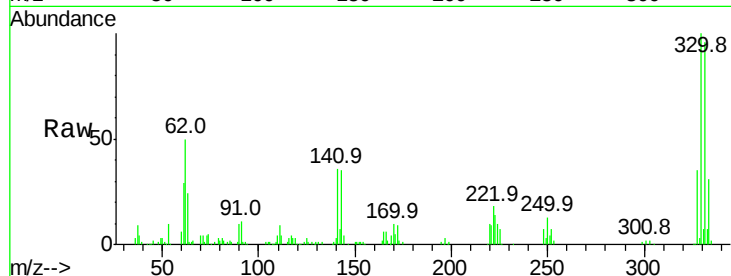




#41
 2,4,6-Tribromophenol
 Concen: 113.75 ng
 RT: 13.89 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

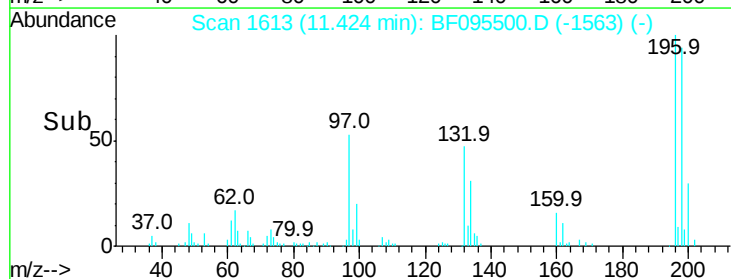
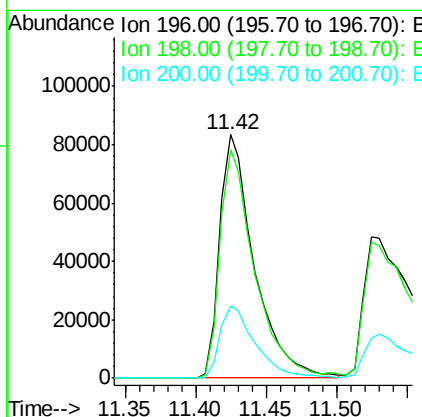
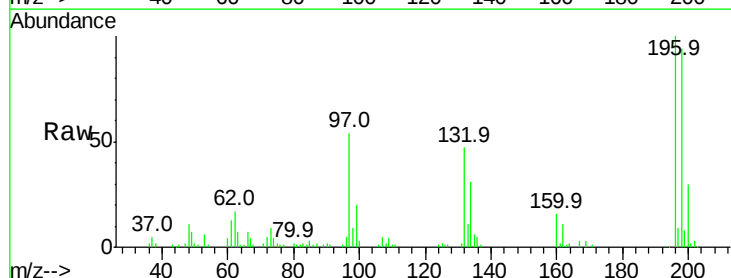
Instrument :
 BNA_F
 ClientSampleId :

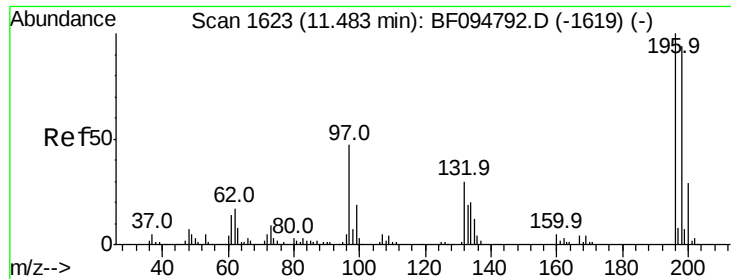
Tot Ion:330 Resp: 173671
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 38.3 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 37.26 ng
 RT: 11.42 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Tgt Ion:196 Resp: 142612
 Ion Ratio Lower Upper
 196 100
 198 93.8 74.2 111.4
 200 29.8 24.0 36.0

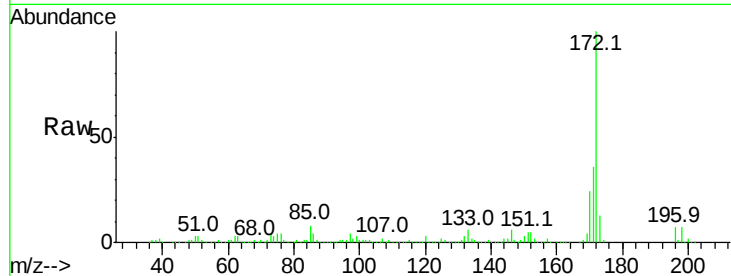




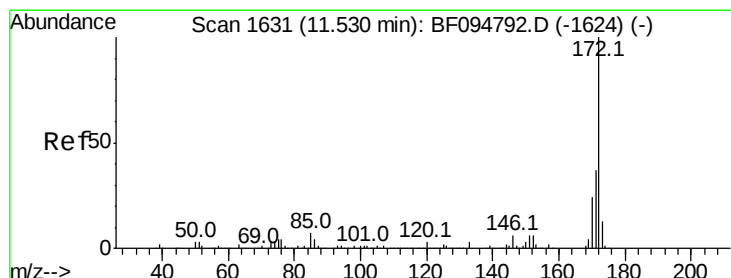
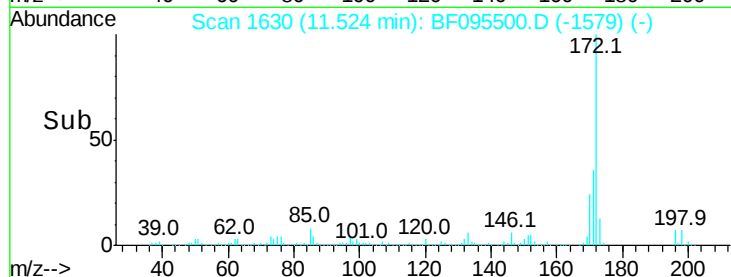
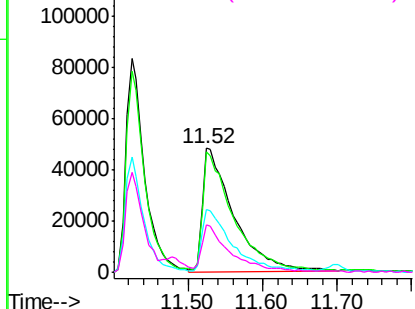
#43
 2,4,5-Trichlorophenol
 Concen: 34.03 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 139982
 Ion Ratio Lower Upper
 196 100
 198 96.8 75.7 113.5
 97 50.3 47.7 71.5
 132 38.5 28.0 42.0

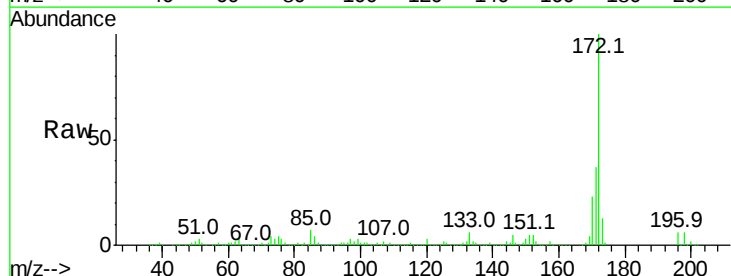


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

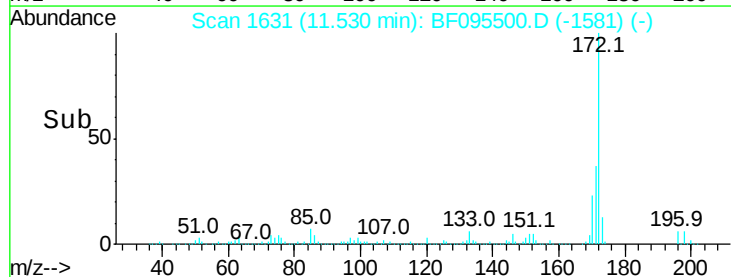
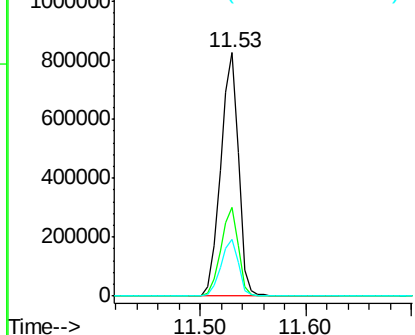


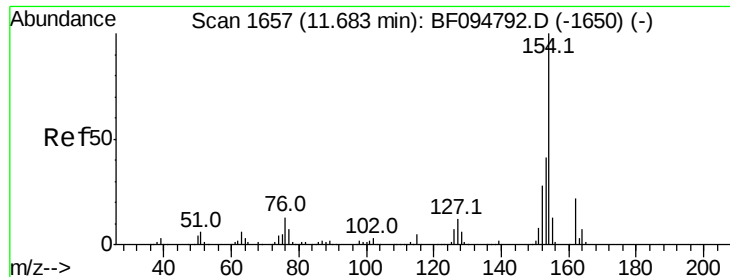
#44
 2-Fluorobiphenyl
 Concen: 75.54 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Tgt Ion:172 Resp: 978382
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 23.4 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 40.15 ng

RT: 11.68 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

ClientSampleId :

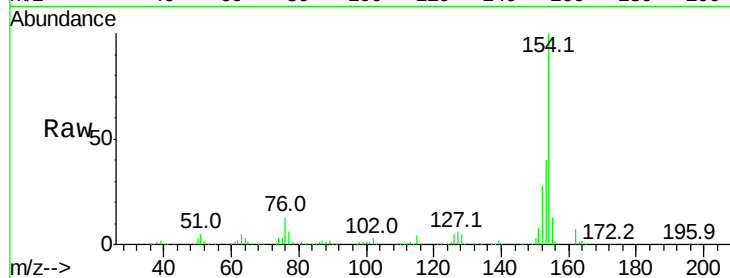
Tot Ion:154 Resp: 630143

Ion Ratio Lower Upper

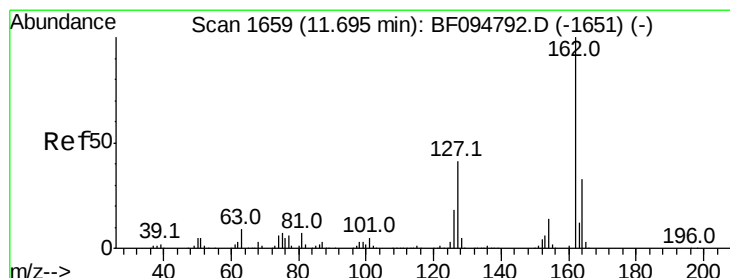
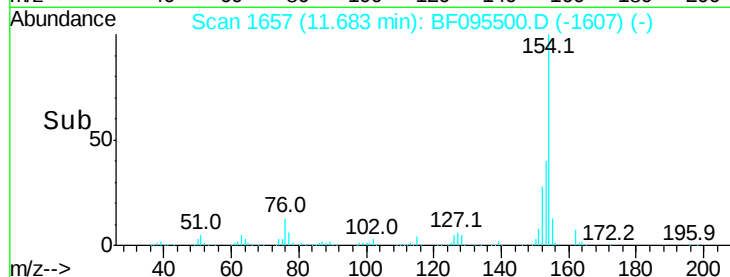
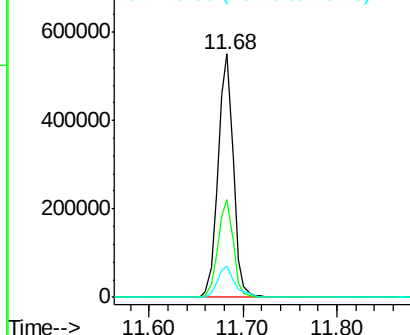
154 100

153 40.4 21.2 61.2

76 13.0 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: 38.77 ng

RT: 11.70 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

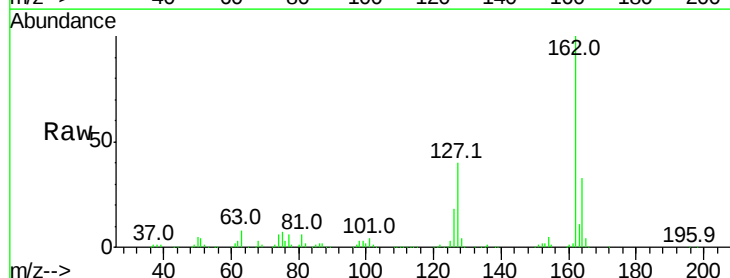
Tgt Ion:162 Resp: 491356

Ion Ratio Lower Upper

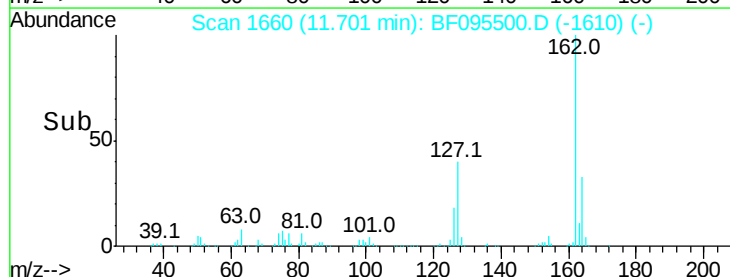
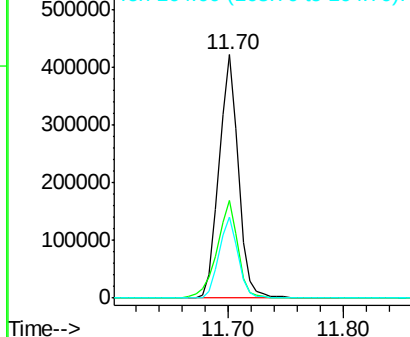
162 100

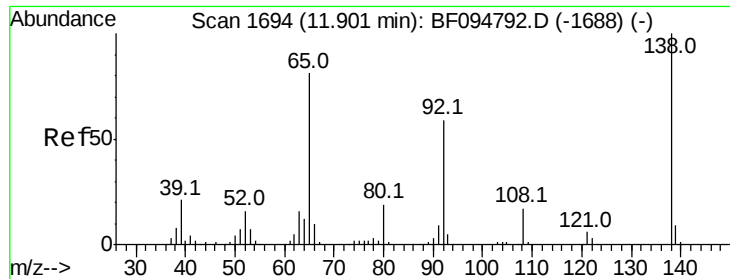
127 40.1 28.3 42.5

164 33.0 27.0 40.4



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





#47

2-Nitroaniline

Concen: 40.00 ng

RT: 11.92 min Scan# 1698

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

ClientSampled :

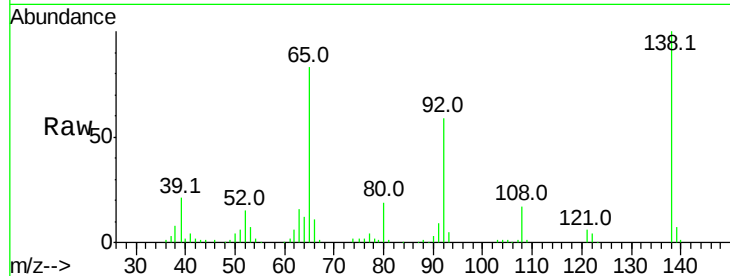
Tot Ion: 65 Resp: 138749

Ion Ratio Lower Upper

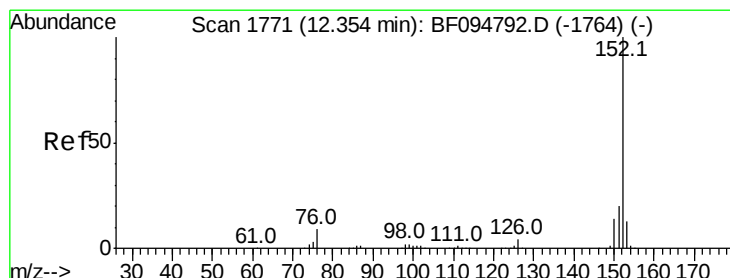
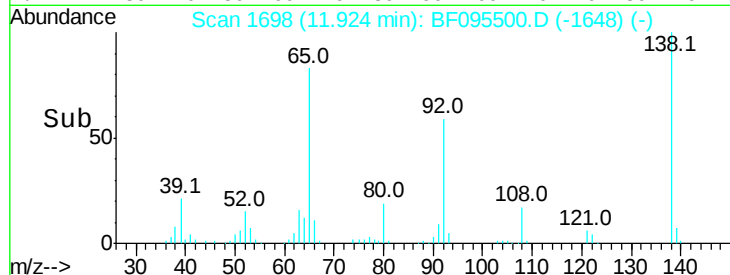
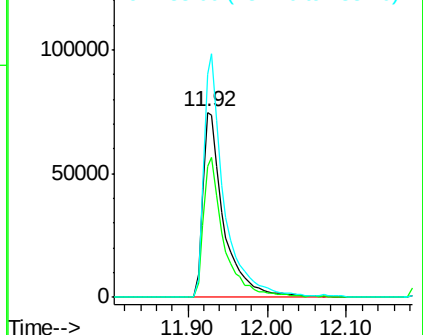
65 100

92 70.9 53.9 80.9

138 120.5 78.8 118.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 38.25 ng

RT: 12.36 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

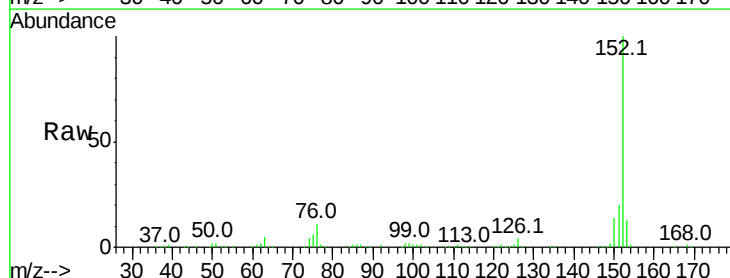
Tgt Ion:152 Resp: 759376

Ion Ratio Lower Upper

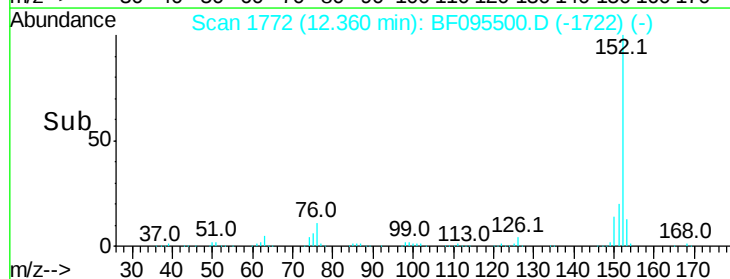
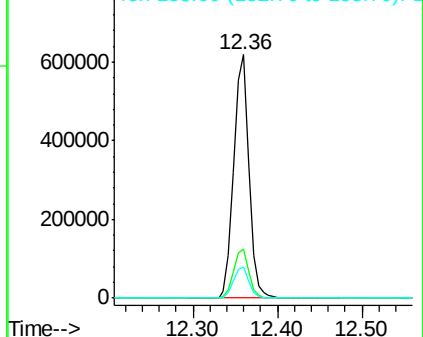
152 100

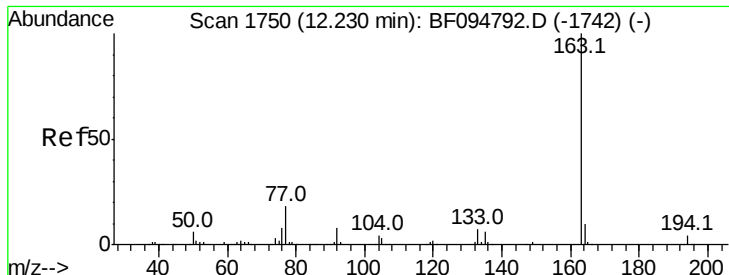
151 20.0 16.8 25.2

153 12.9 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 33.53 ng

RT: 12.24 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

ClientSampled :

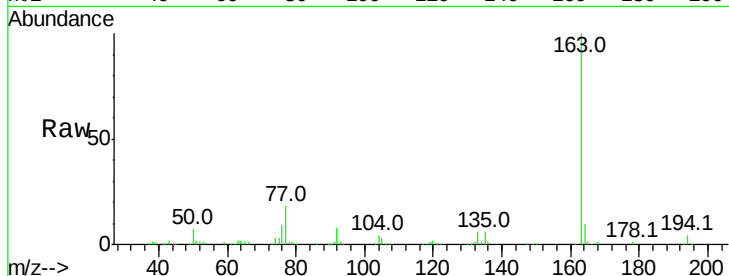
Tot Ion:163 Resp: 513135

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

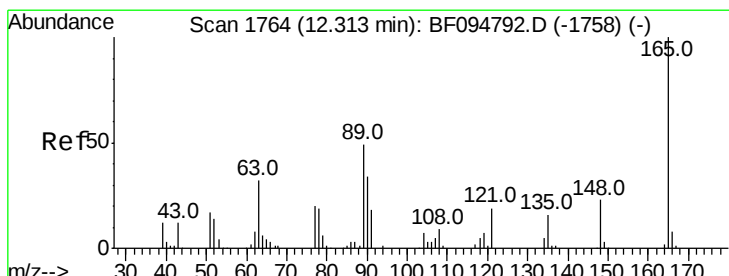
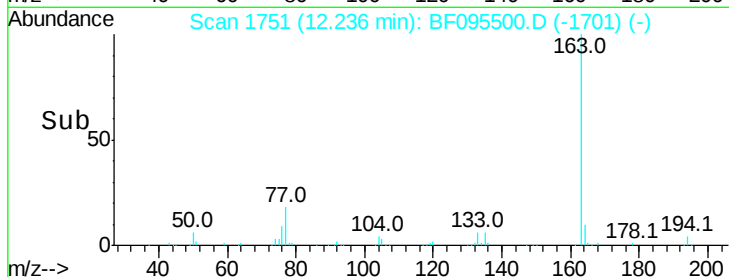
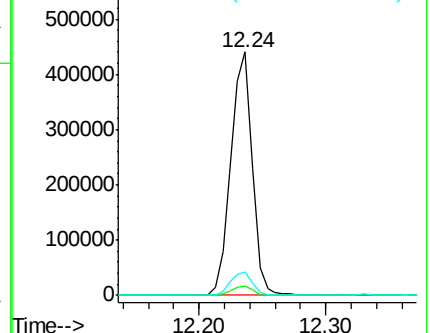
164 9.7 8.4 12.6



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: 39.31 ng

RT: 12.33 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

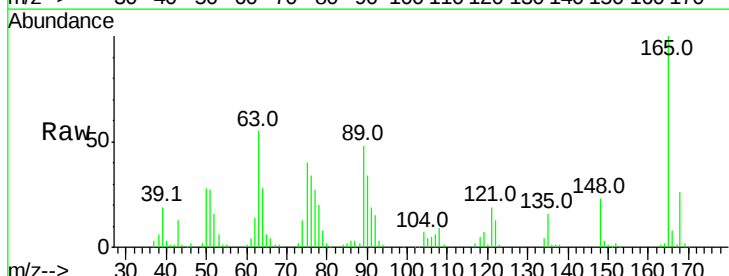
Tgt Ion:165 Resp: 122724

Ion Ratio Lower Upper

165 100

63 54.8 34.3 51.5#

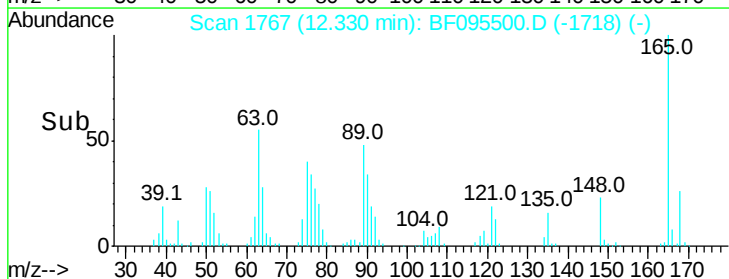
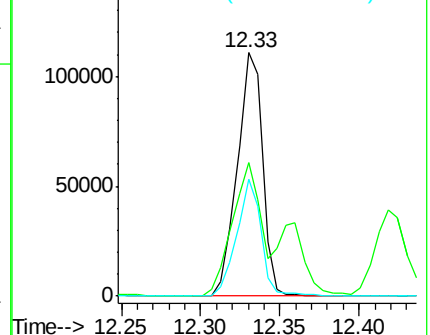
89 47.9 37.1 55.7

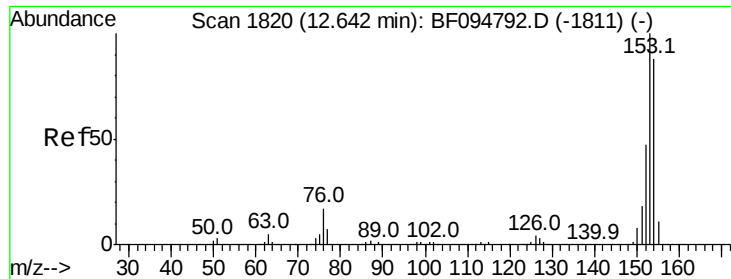


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.33 ng

RT: 12.64 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

ClientSampleId :

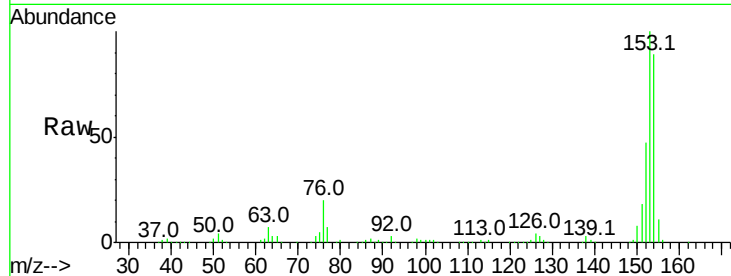
Tot Ion:154 Resp: 466273

Ion Ratio Lower Upper

154 100

153 113.0 90.5 135.7

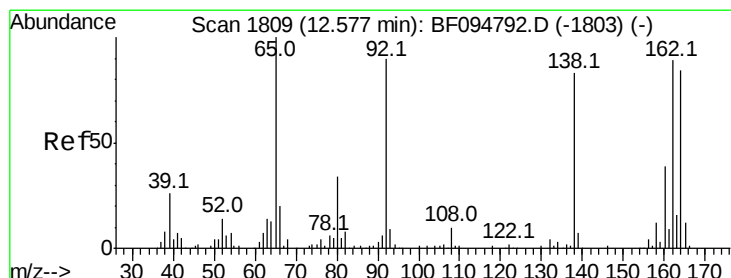
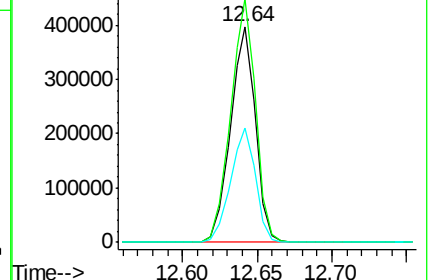
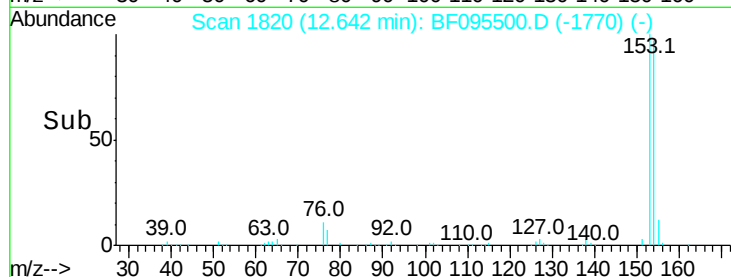
152 53.3 43.6 65.4



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: 19.57 ng

RT: 12.62 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

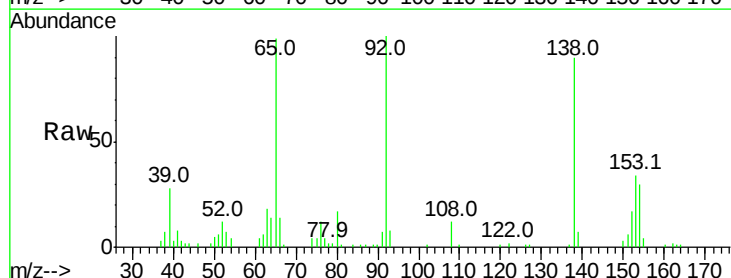
Tgt Ion:138 Resp: 65569

Ion Ratio Lower Upper

138 100

108 12.8 9.1 13.7

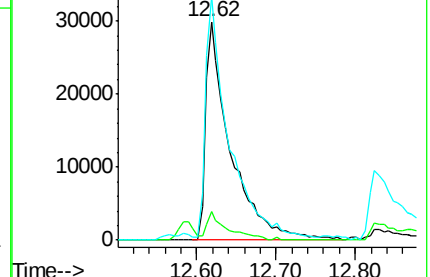
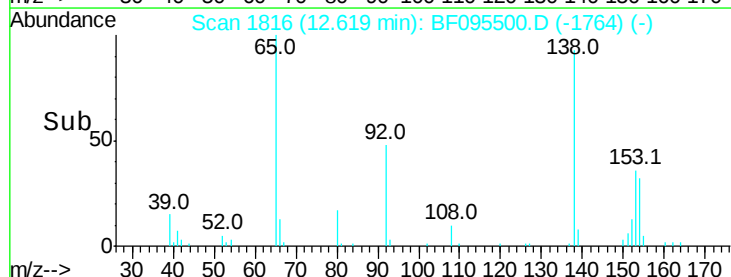
92 111.4 93.8 140.6

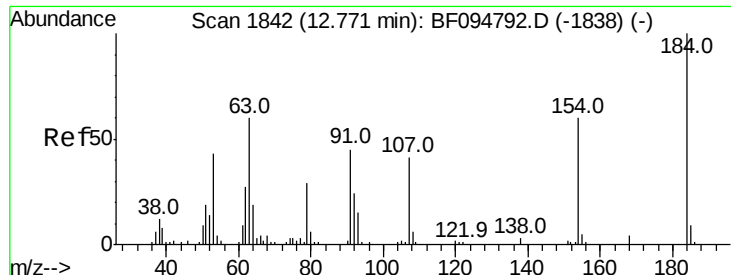


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

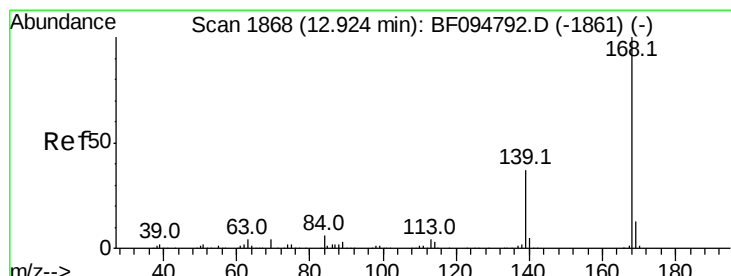
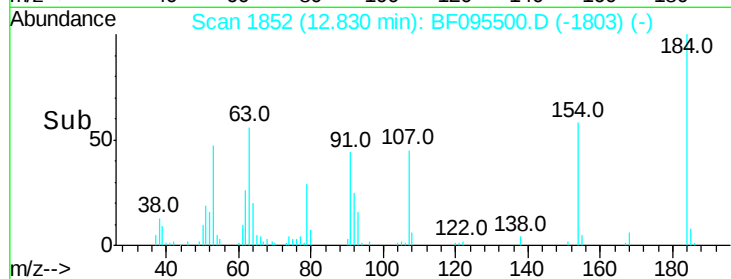
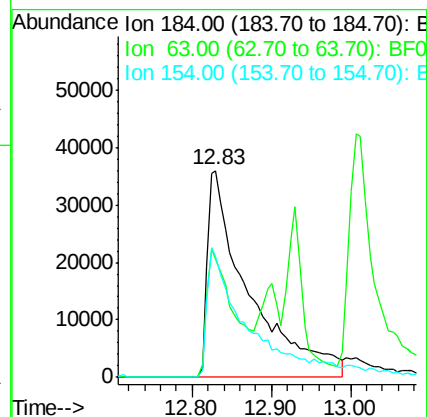
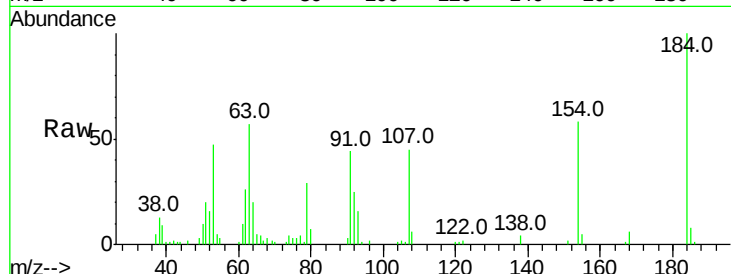




#53
 2,4-Dinitrophenol
 Concen: 76.23 ng
 RT: 12.83 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

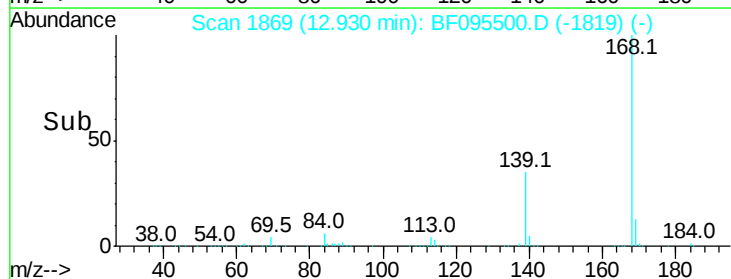
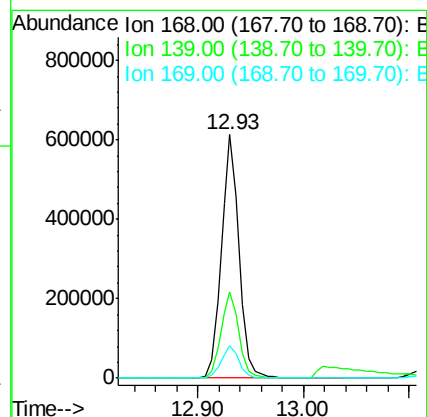
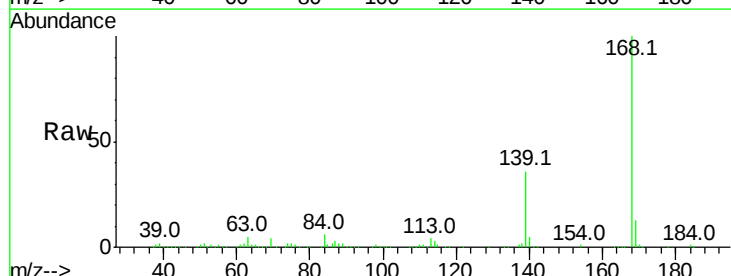
Instrument :
 BNA_F
 ClientSampleId :

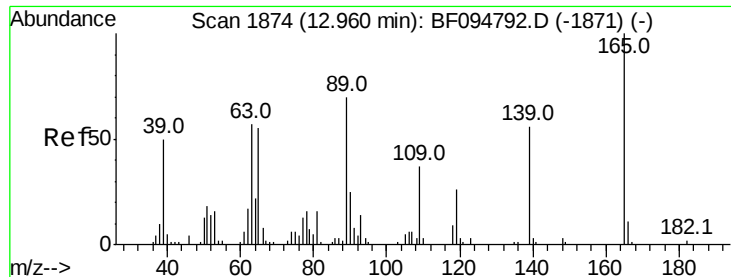
Tot Ion:184 Resp: 130550
 Ion Ratio Lower Upper
 184 100
 63 57.0 62.7 94.1#
 154 58.1 81.1 121.7#



#54
 Dibenzofuran
 Concen: 43.73 ng
 RT: 12.93 min Scan# 1869
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Tgt Ion:168 Resp: 717516
 Ion Ratio Lower Upper
 168 100
 139 35.7 30.6 45.8
 169 13.5 10.8 16.2

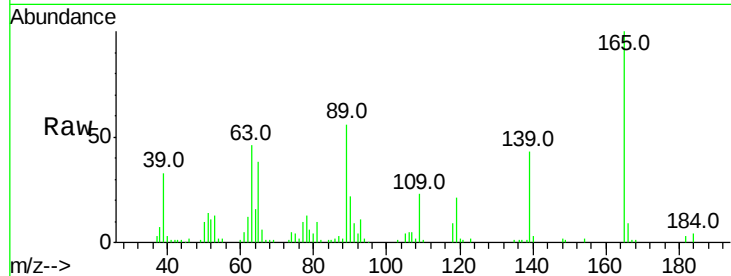




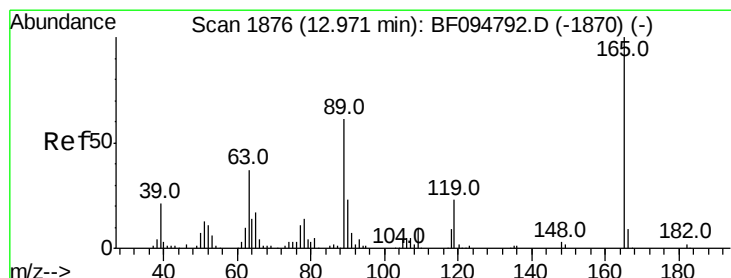
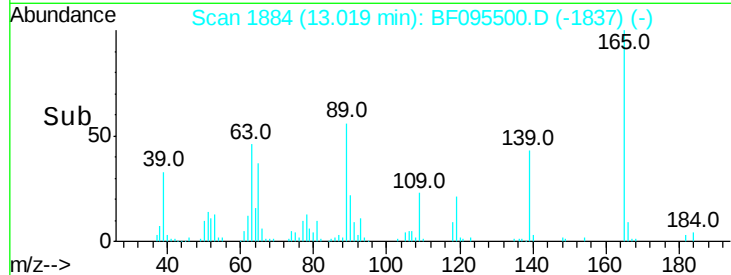
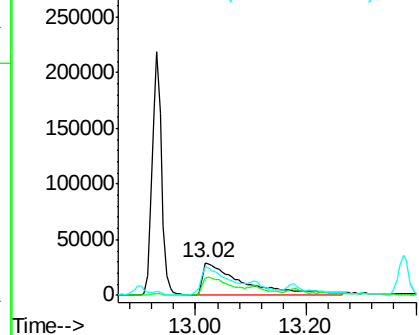
#55
4-Nitrophenol
Concen: 72.13 ng
RT: 13.02 min Scan# 1884
Delta R.T. -0.02 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 145187
Ion Ratio Lower Upper
139 100
109 54.2 34.1 74.1
65 86.9 31.4 71.4#

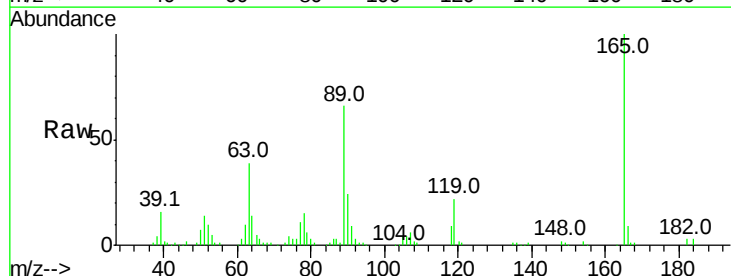


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

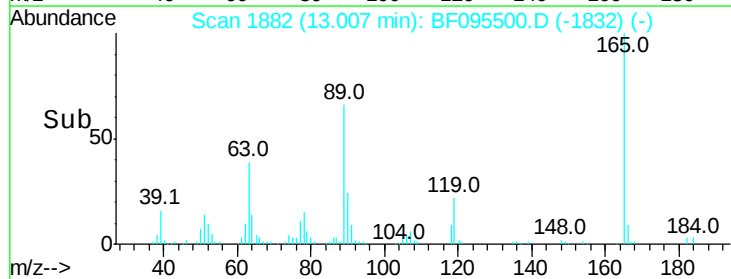
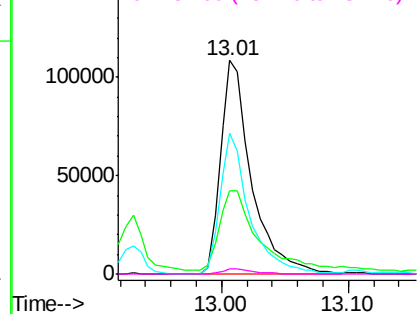


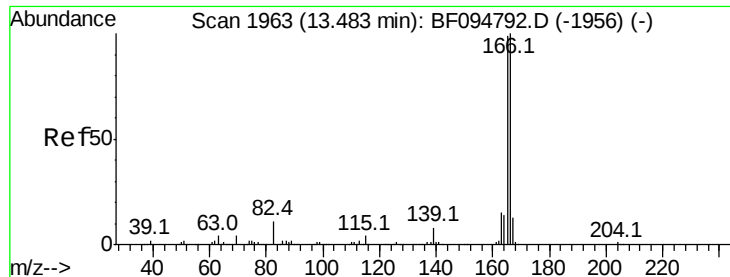
#56
2,4-Dinitrotoluene
Concen: 45.95 ng
RT: 13.01 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion:165 Resp: 184341
Ion Ratio Lower Upper
165 100
63 39.0 25.4 38.0#
89 65.9 46.4 69.6
182 2.5 1.8 2.6



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





#57

Fluorene

Concen: 39.29 ng

RT: 13.49 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

ClientSampleId :

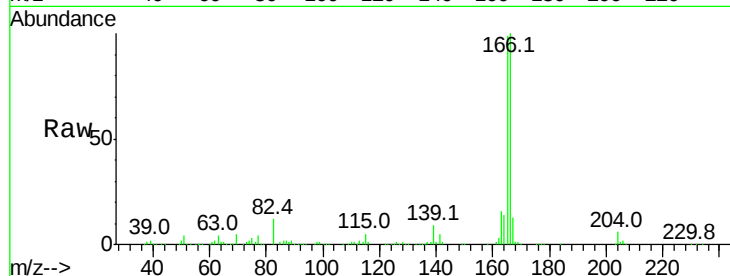
Tot Ion:166 Resp: 560596

Ion Ratio Lower Upper

166 100

165 99.1 78.8 118.2

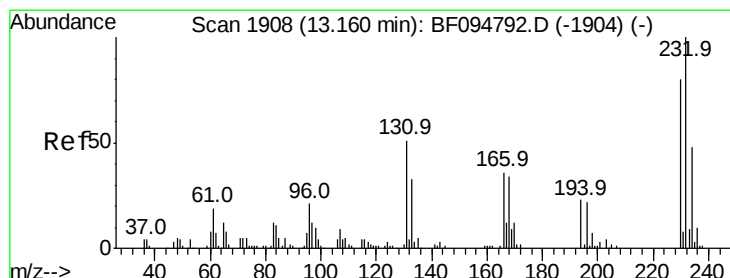
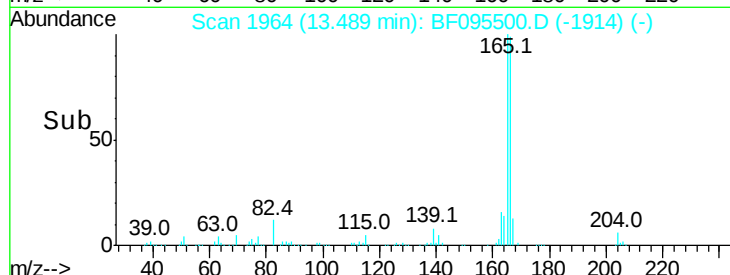
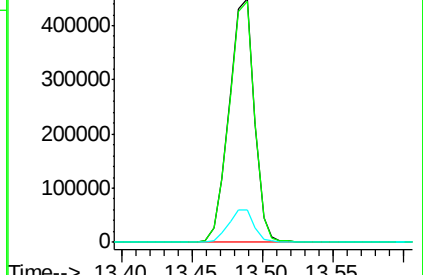
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.72 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Tgt Ion:232 Resp: 115797

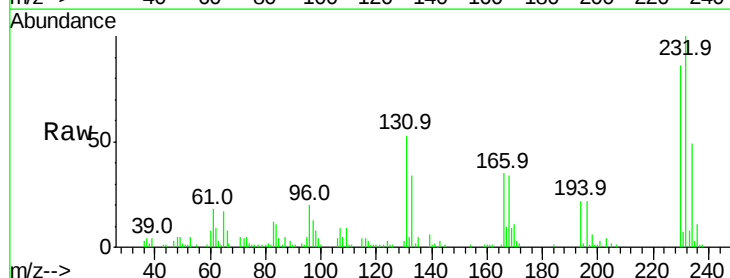
Ion Ratio Lower Upper

232 100

131 54.7 44.8 67.2

130 2.2 2.3 3.5#

166 38.1 29.0 43.4

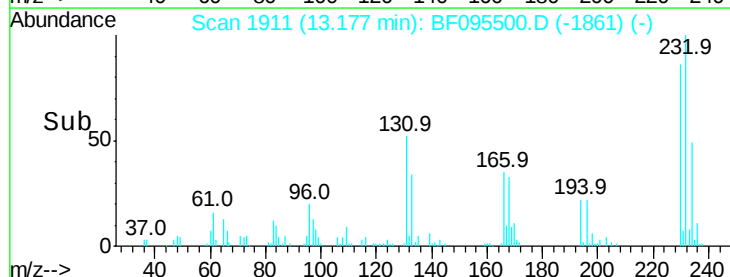
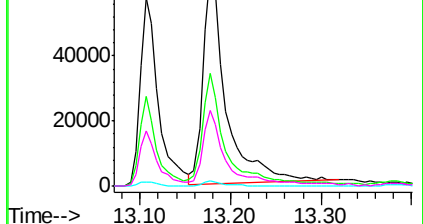


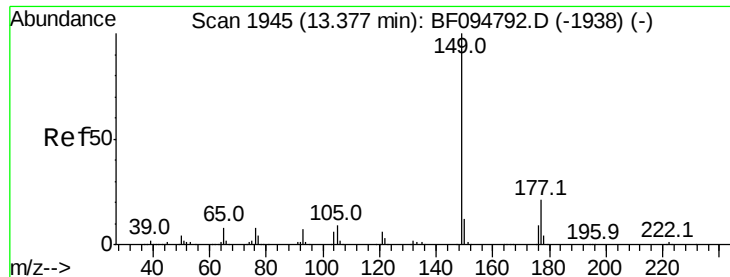
Abundance Ion 232.00 (231.70 to 232.70): E

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

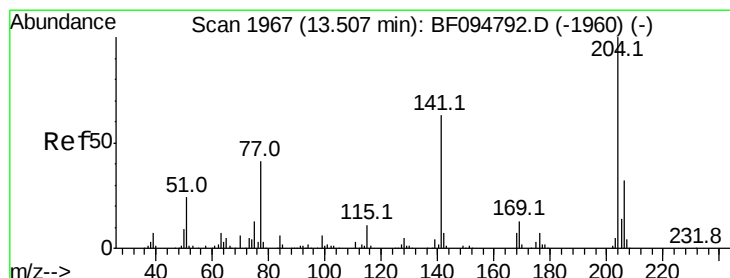
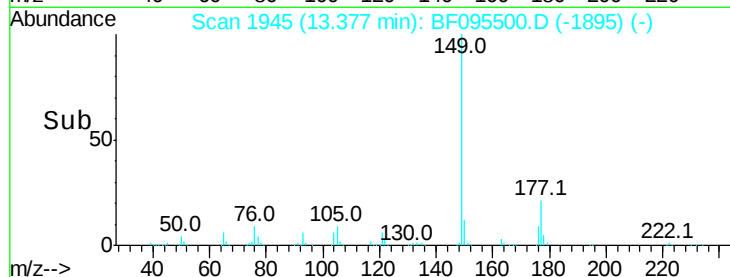
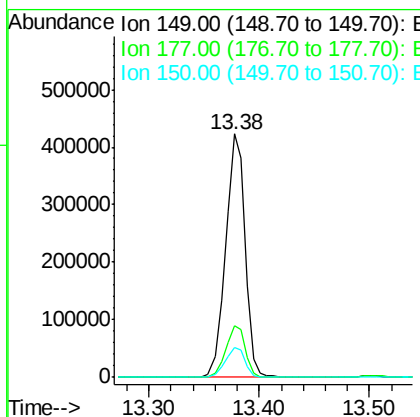
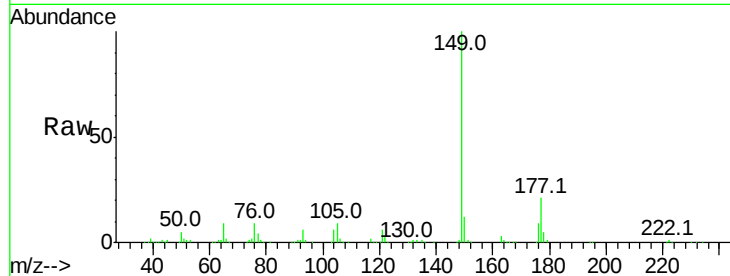




#59
Diethylphthalate
Concen: 35.44 ng
RT: 13.38 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

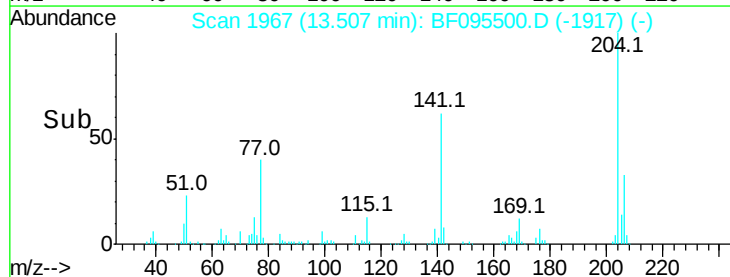
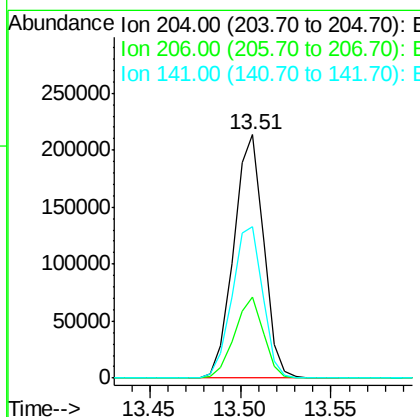
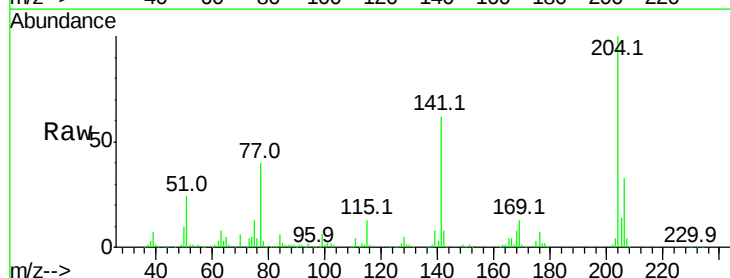
Instrument :
BNA_F
ClientSampled :

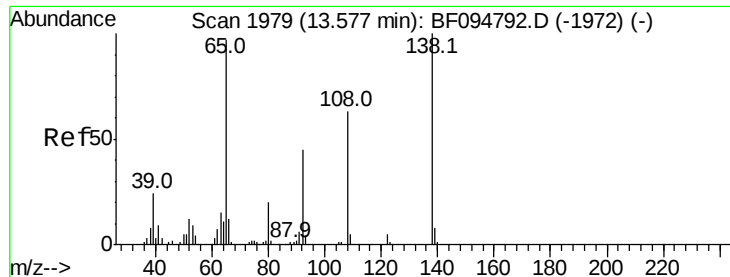
Tot Ion:149 Resp: 519822
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 12.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.08 ng
RT: 13.51 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion:204 Resp: 245009
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 62.4 60.8 91.2

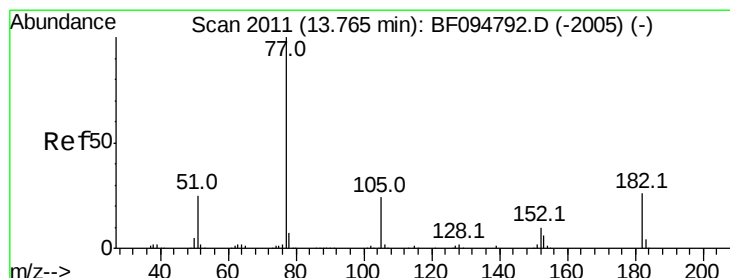
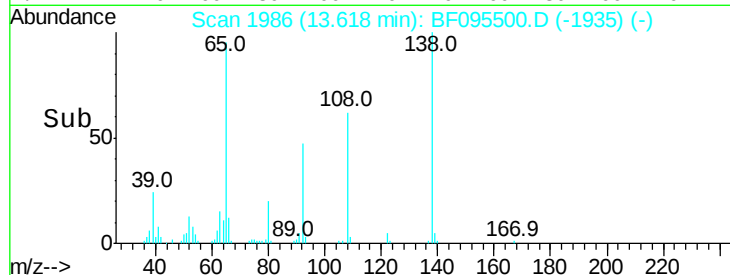
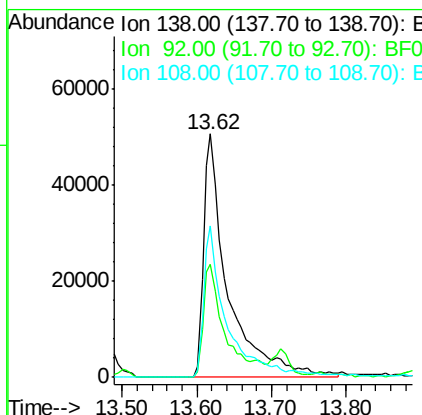
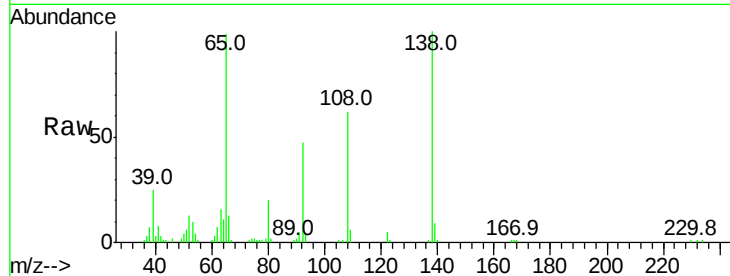




#61
4-Nitroaniline
Concen: 37.36 ng
RT: 13.62 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

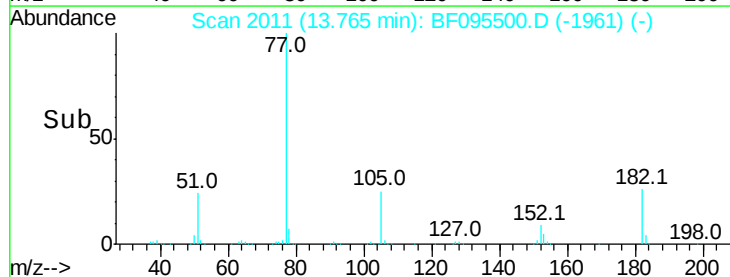
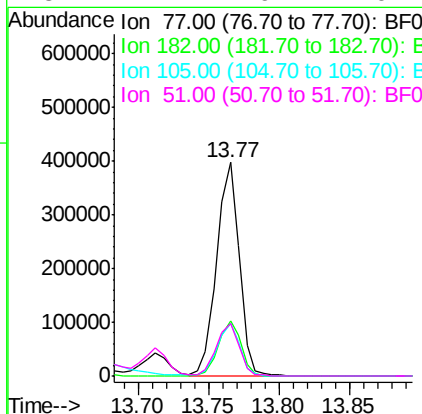
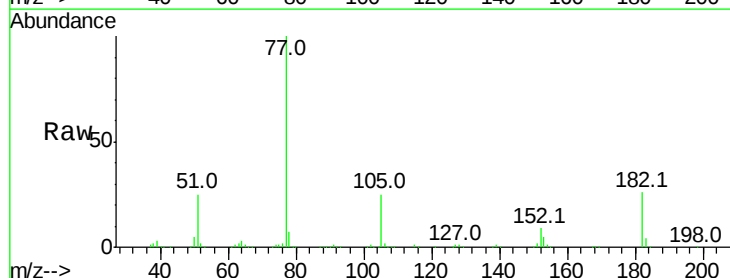
Instrument :
BNA_F
ClientSampled :

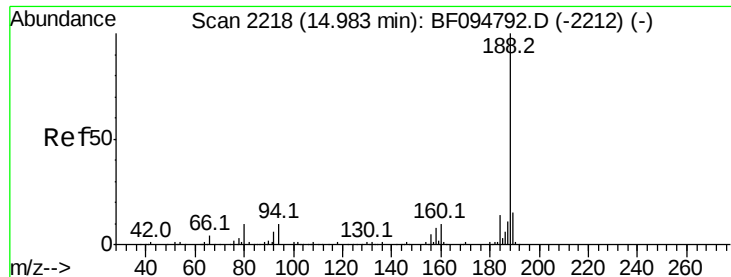
Tot Ion:138 Resp: 114935
Ion Ratio Lower Upper
138 100
92 46.7 21.8 61.8
108 62.1 42.3 82.3



#62
Azobenzene
Concen: 37.62 ng
RT: 13.77 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion: 77 Resp: 443447
Ion Ratio Lower Upper
77 100
182 25.5 0.1 40.1
105 24.8 3.6 43.6
51 24.7 9.4 49.4

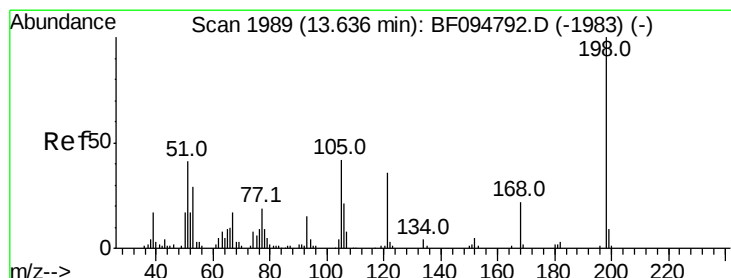
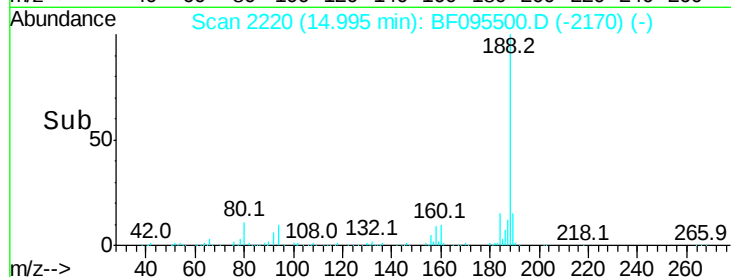
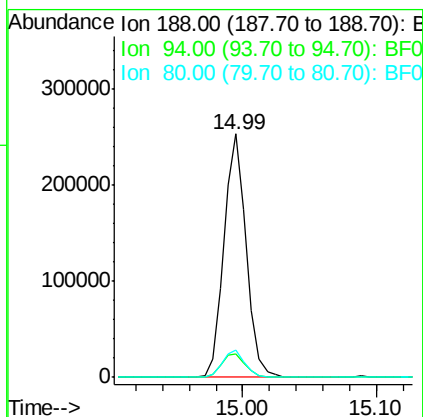
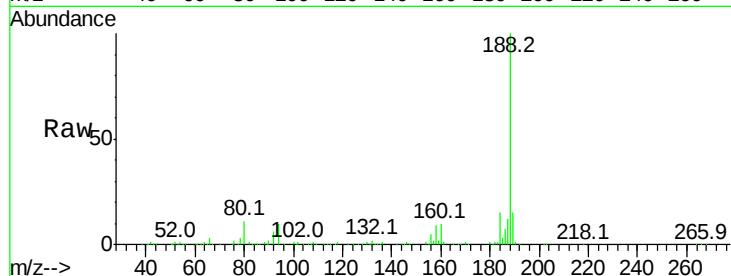




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.99 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

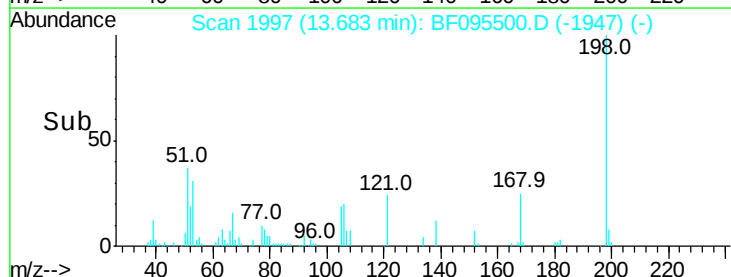
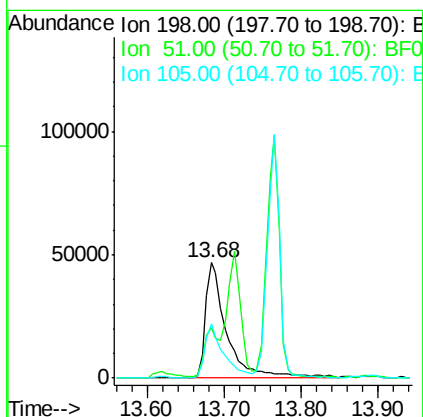
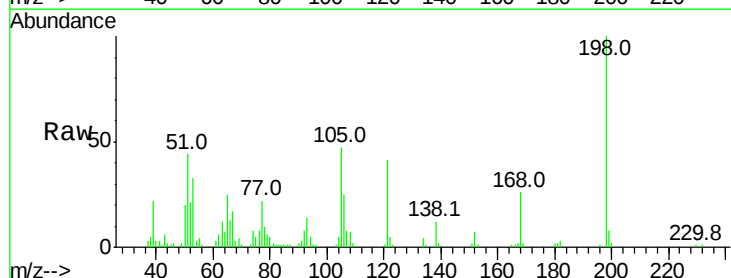
Instrument :
BNA_F
ClientSampleId :

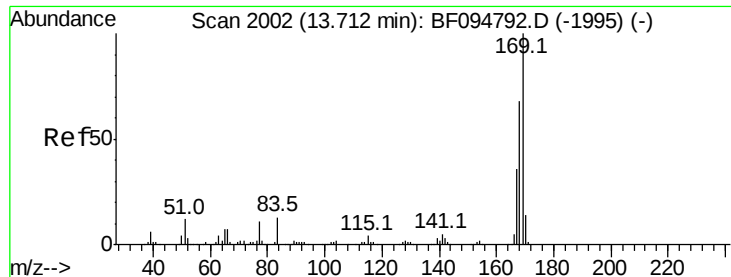
Tot Ion:188 Resp: 297749
Ion Ratio Lower Upper
188 100
94 9.8 9.4 14.2
80 11.4 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 44.74 ng
RT: 13.68 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion:198 Resp: 89309
Ion Ratio Lower Upper
198 100
51 43.6 53.2 93.2#
105 46.6 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 43.24 ng

RT: 13.71 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

ClientSampleId :

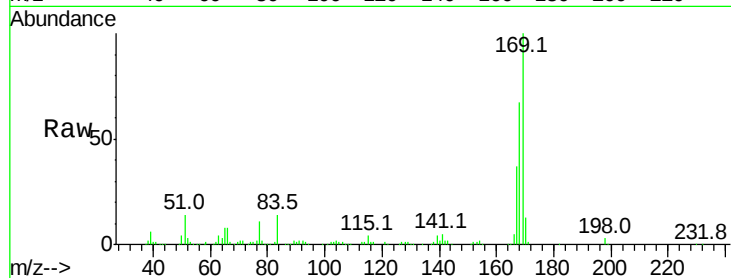
Tot Ion:169 Resp: 467262

Ion Ratio Lower Upper

169 100

168 67.5 53.2 79.8

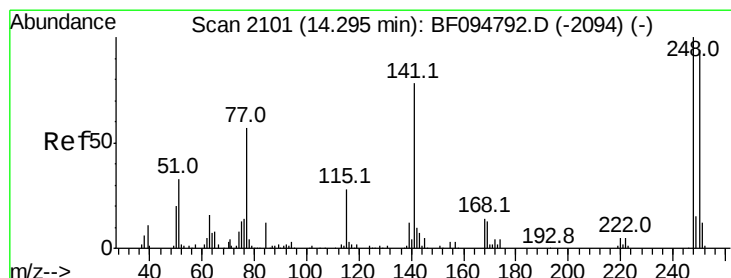
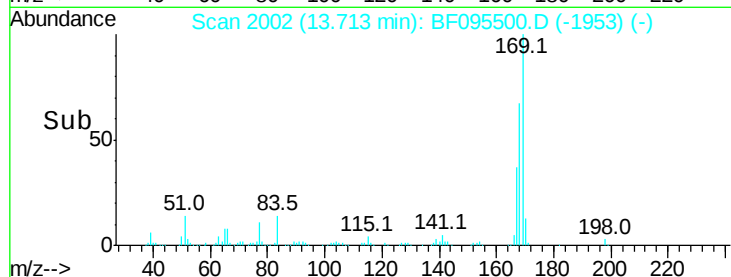
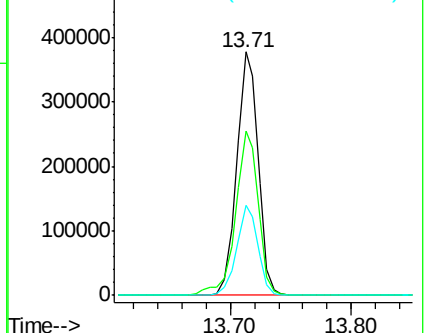
167 36.9 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.55 ng

RT: 14.29 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

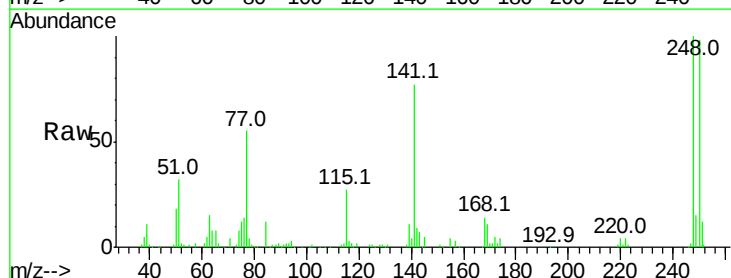
Tgt Ion:248 Resp: 140141

Ion Ratio Lower Upper

248 100

250 98.1 76.8 115.2

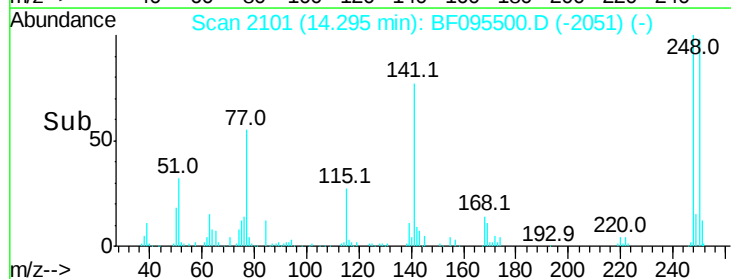
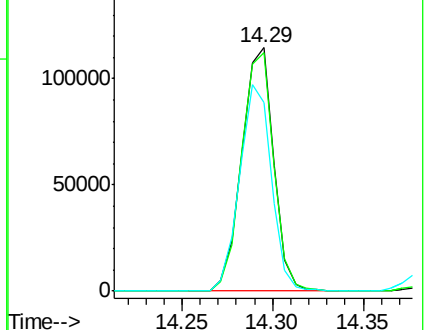
141 77.3 68.6 103.0



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: 43.36 ng

RT: 14.38 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

ClientSampleId :

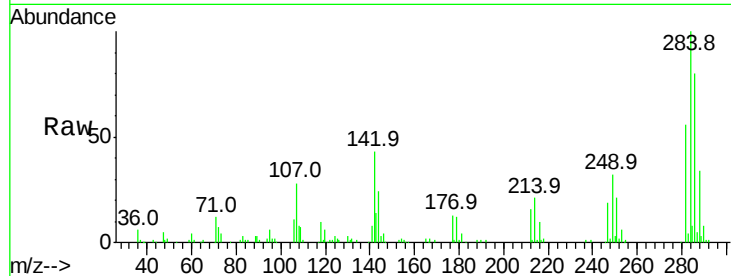
Tot Ion:284 Resp: 139781

Ion Ratio Lower Upper

284 100

142 43.3 22.8 34.2#

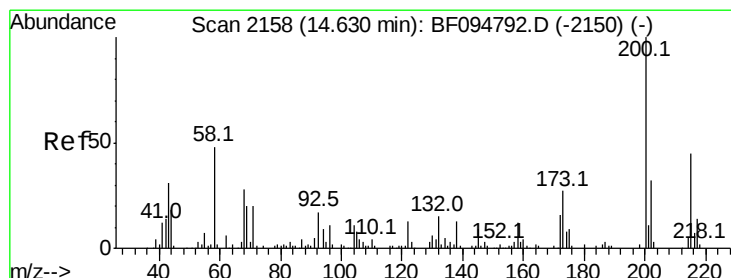
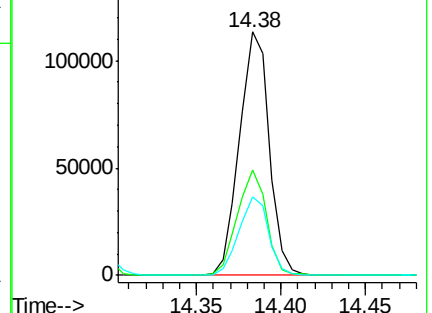
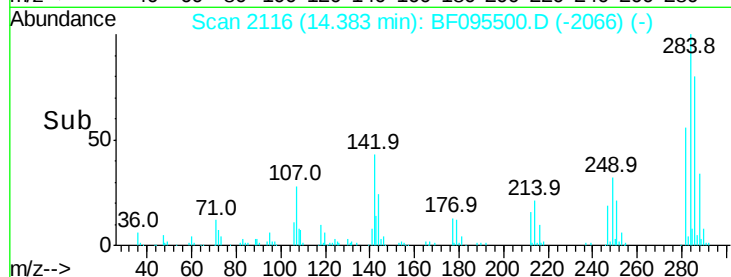
249 32.2 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.95 ng

RT: 14.64 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

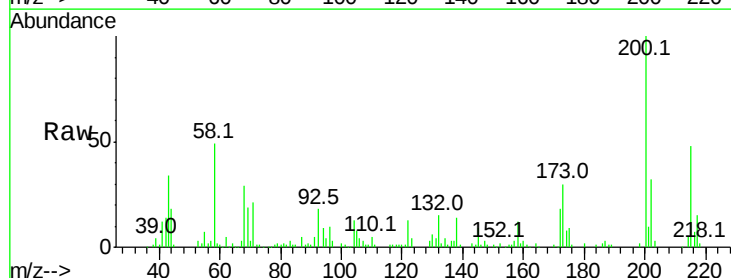
Tgt Ion:200 Resp: 134103

Ion Ratio Lower Upper

200 100

173 30.1 6.3 46.3

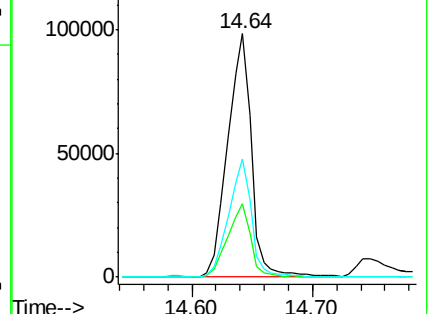
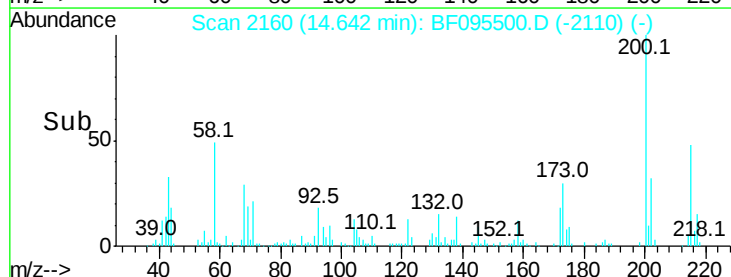
215 48.4 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

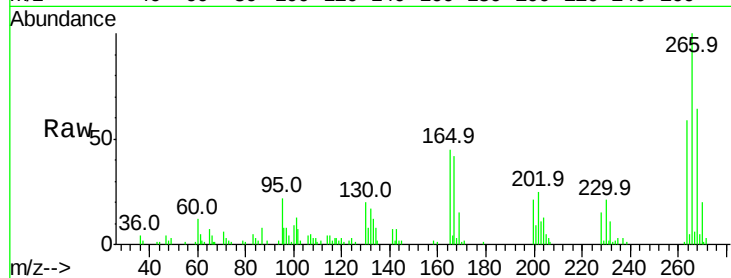




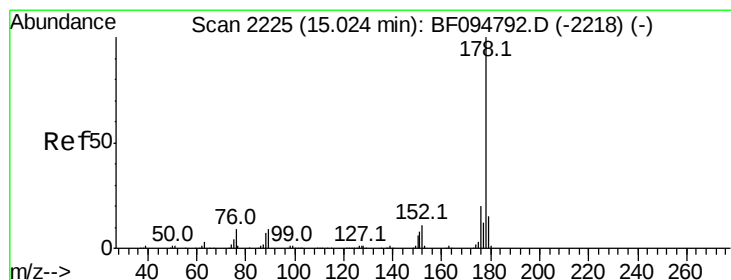
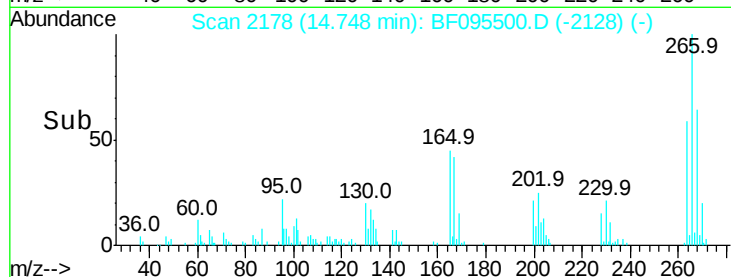
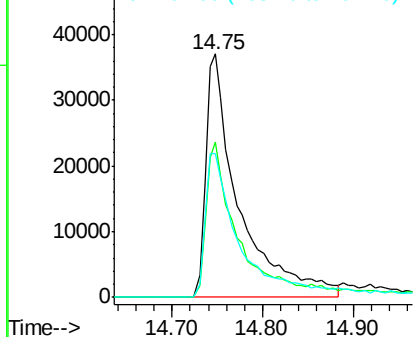
#69
 Pentachlorophenol
 Concen: 65.88 ng
 RT: 14.75 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.1	76.7
264	59.2	51.7	77.5

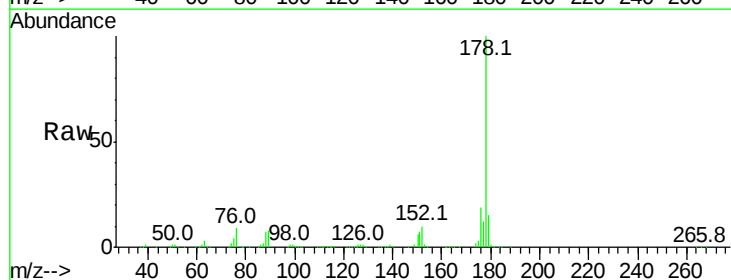


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

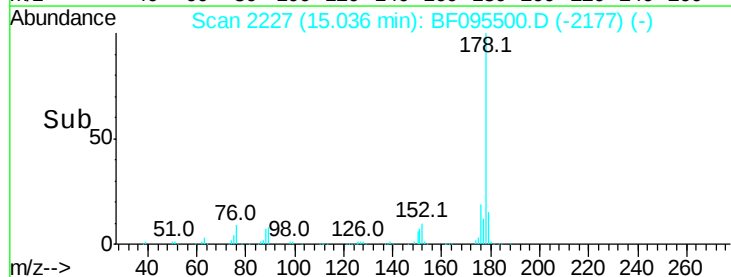
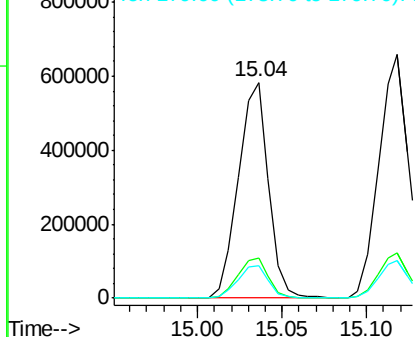


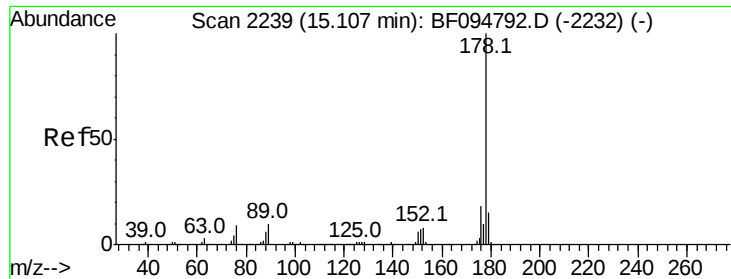
#70
 Phenanthrene
 Concen: 42.32 ng
 RT: 15.04 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	15.2	12.6	19.0



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

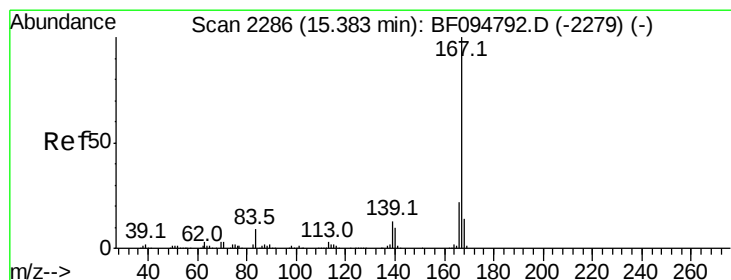
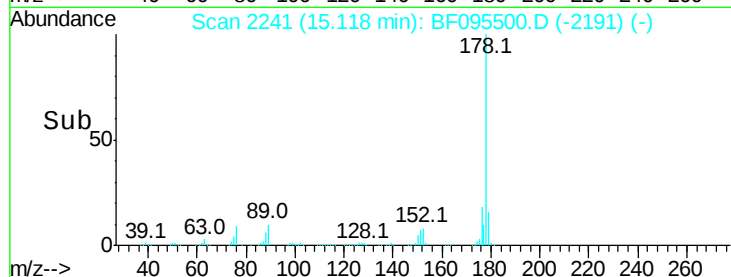
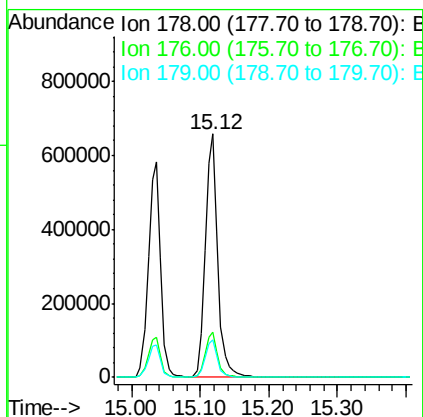
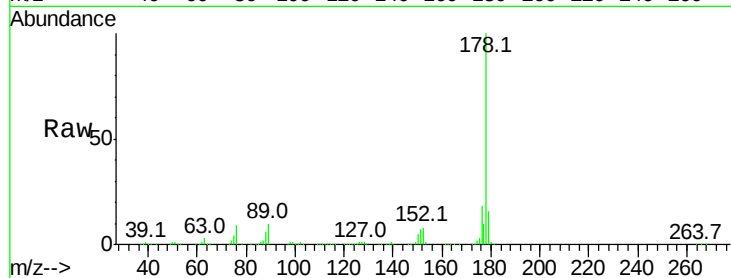




#71
 Anthracene
 Concen: 48.52 ng
 RT: 15.12 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

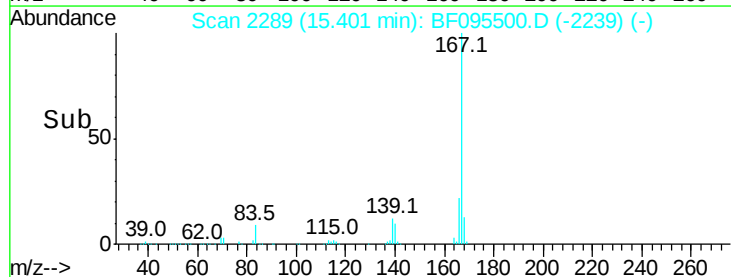
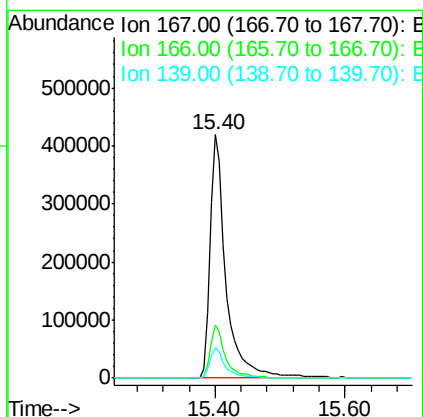
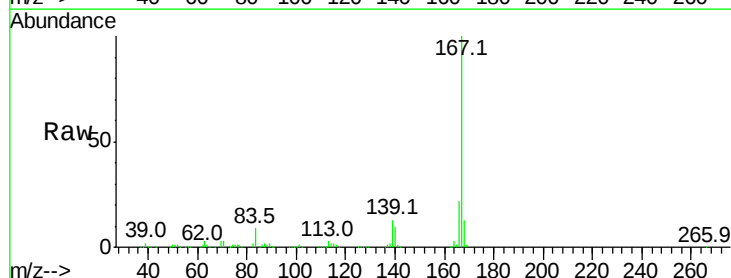
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 847830
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 44.64 ng
 RT: 15.40 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Tgt Ion:167 Resp: 709844
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.1 27.1
 139 12.5 11.7 17.5

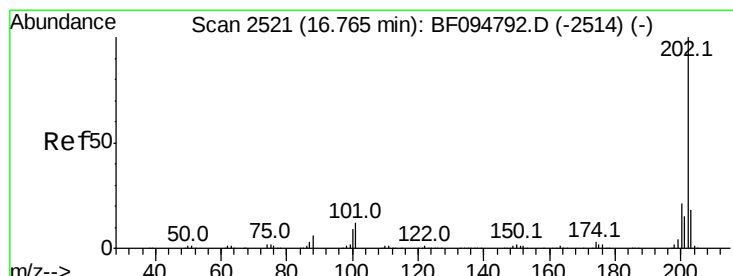
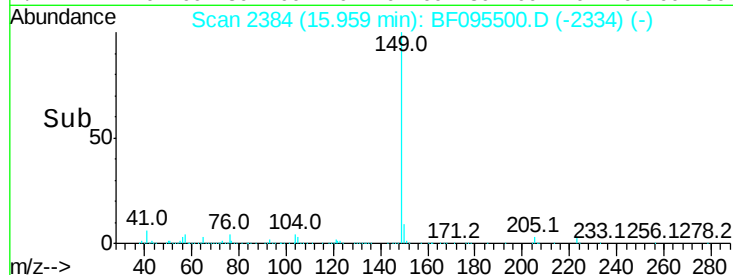
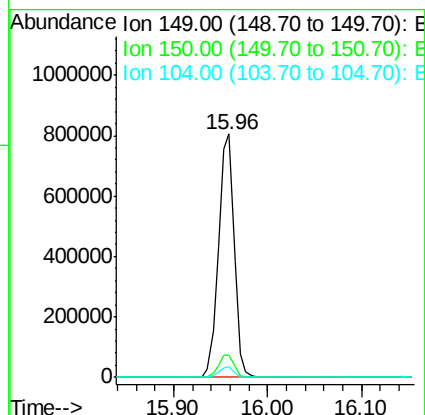
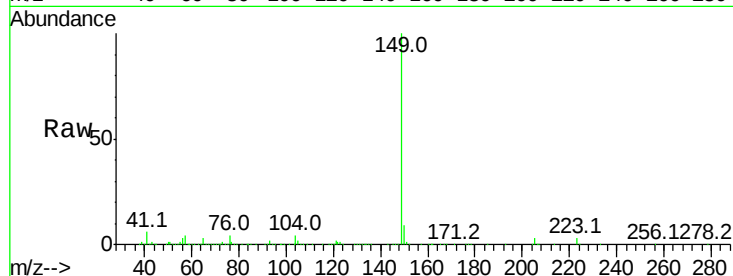




#73
Di-n-butylphthalate
Concen: 47.69 ng
RT: 15.96 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

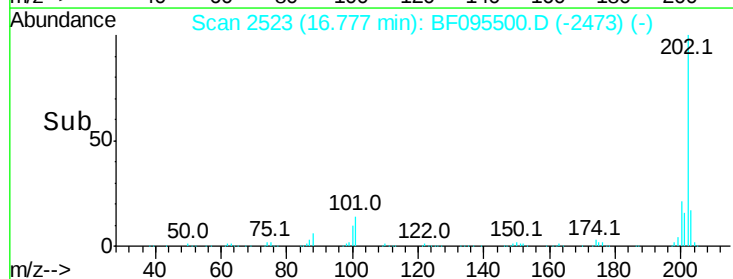
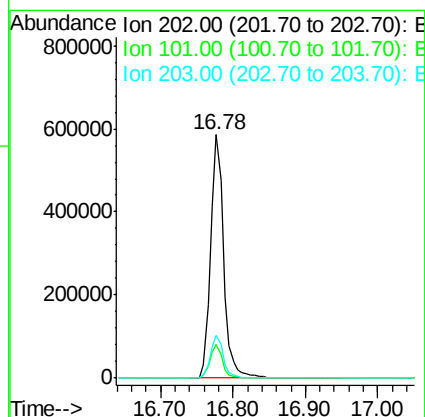
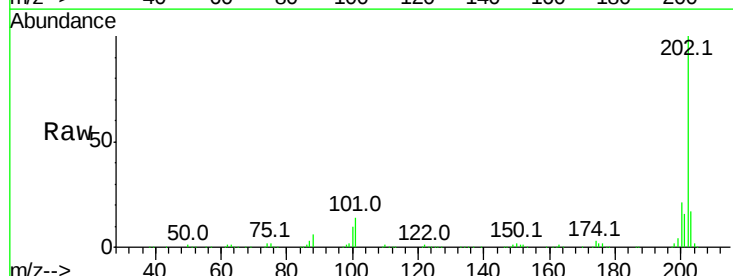
Instrument :
BNA_F
ClientSampleId :

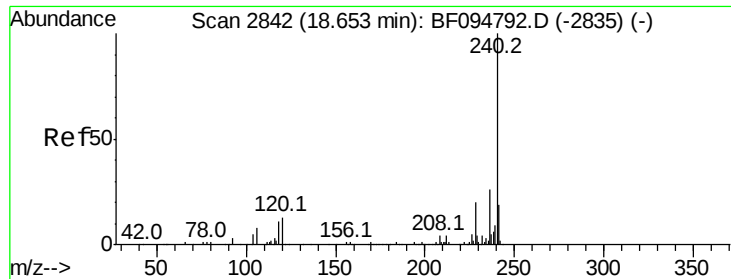
Tot Ion:149 Resp: 945655
Ion Ratio Lower Upper
149 100
150 9.0 7.7 11.5
104 4.2 4.0 6.0



#74
Fluoranthene
Concen: 41.85 ng
RT: 16.78 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion:202 Resp: 734457
Ion Ratio Lower Upper
202 100
101 13.8 0.0 33.2
203 17.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.67 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

ClientSampleId :

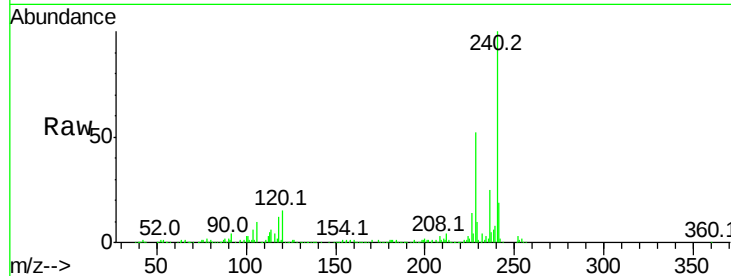
Tot Ion:240 Resp: 289348

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

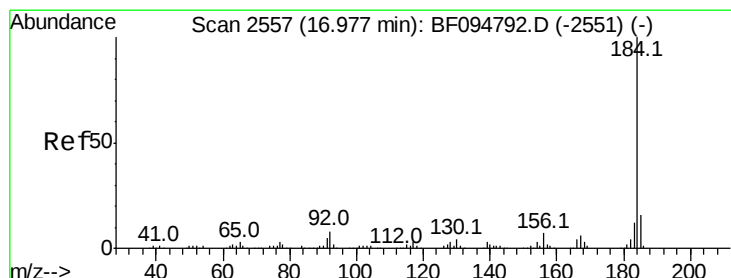
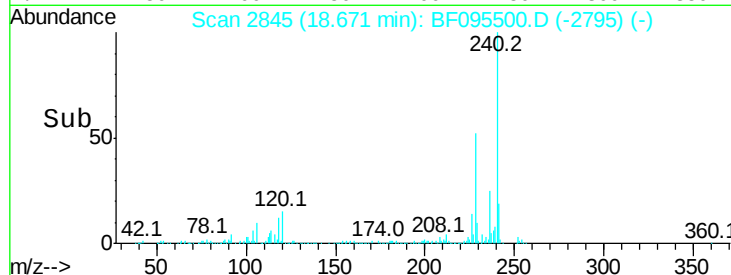
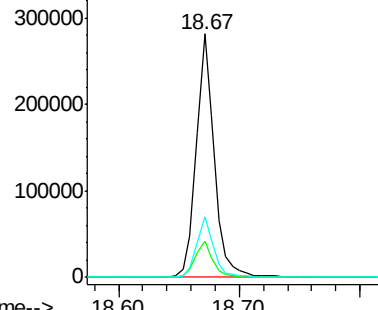
236 24.7 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 21.58 ng

RT: 17.01 min Scan# 2563

Delta R.T. 0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

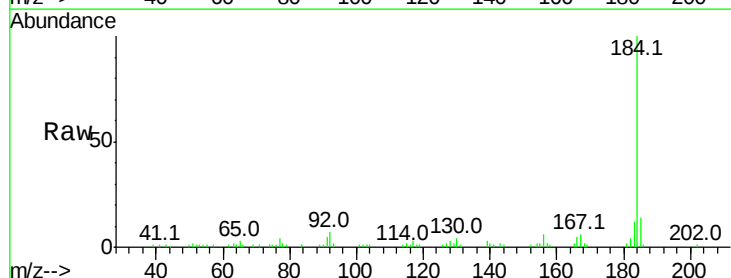
Tgt Ion:184 Resp: 136023

Ion Ratio Lower Upper

184 100

185 13.5 15.5 23.3#

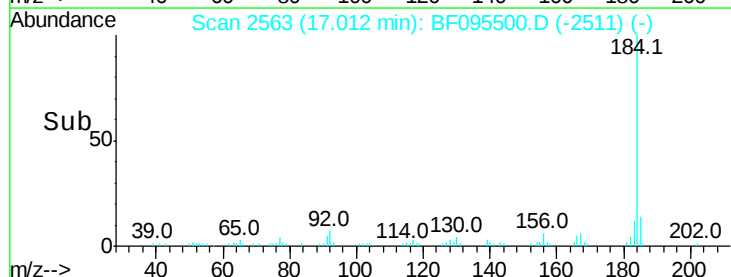
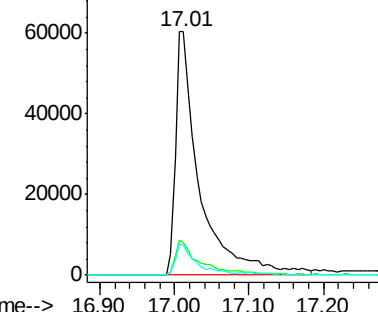
183 12.1 9.8 14.6

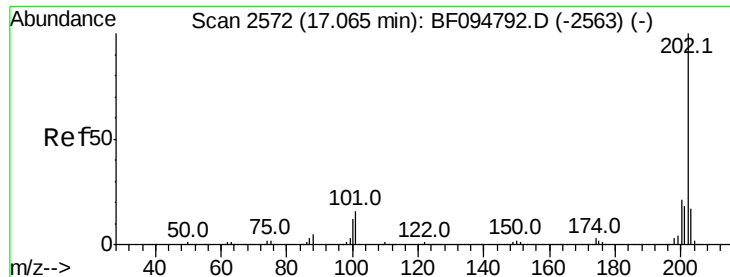


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

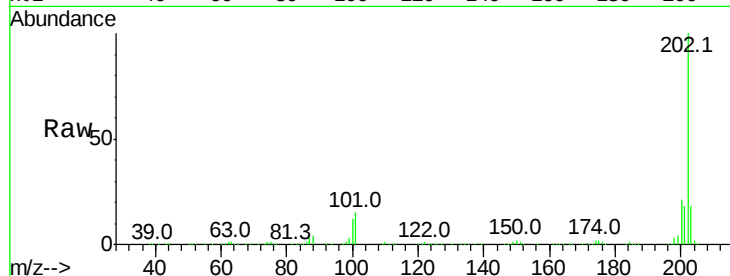




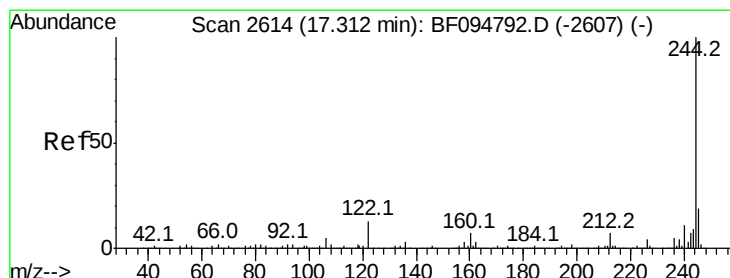
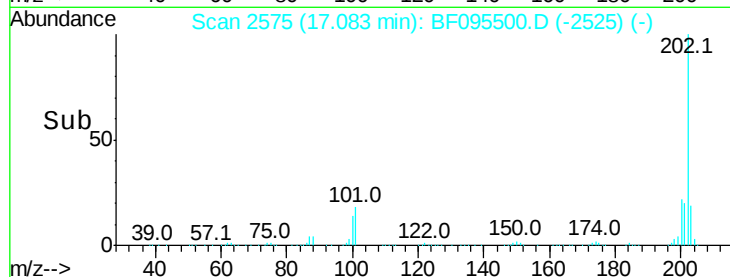
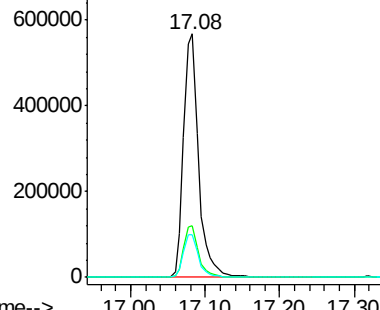
#77
Pvrene
Concen: 36.59 ng
RT: 17.08 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 791869
Ion Ratio Lower Upper
202 100
200 21.4 17.6 26.4
203 17.8 14.4 21.6

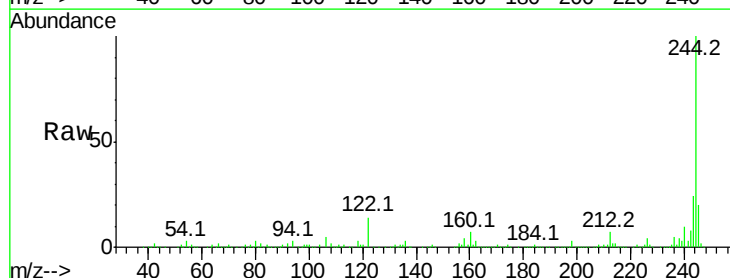


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

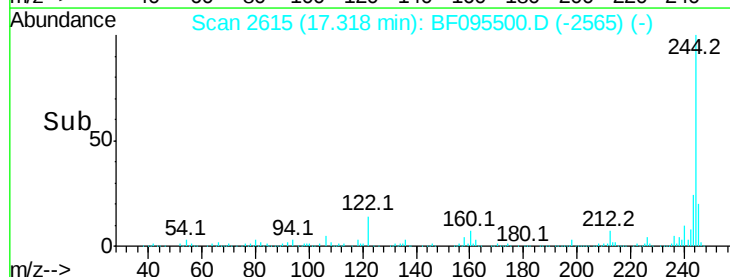
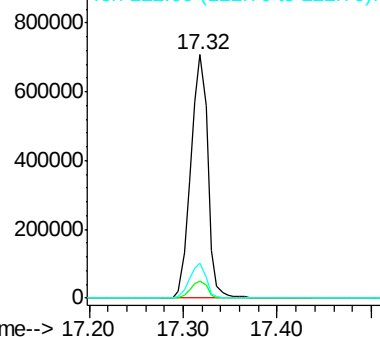


#78
Terphenyl-d14
Concen: 68.82 ng
RT: 17.32 min Scan# 2615
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion:244 Resp: 904118
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 14.3 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

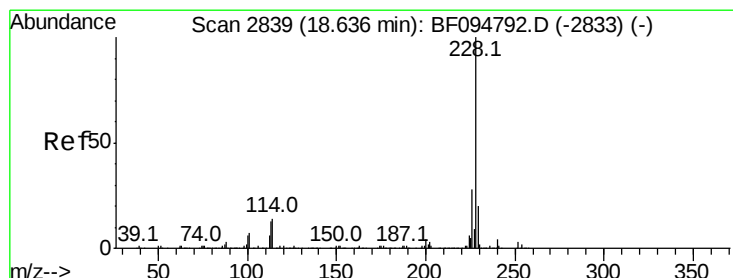
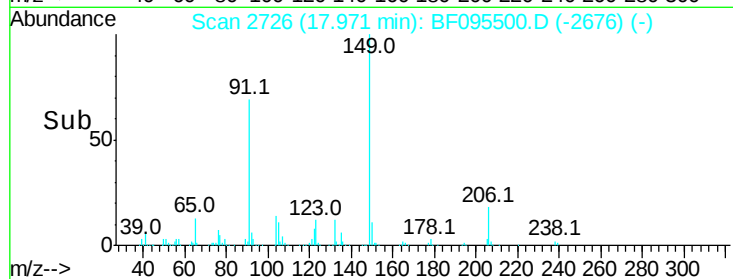
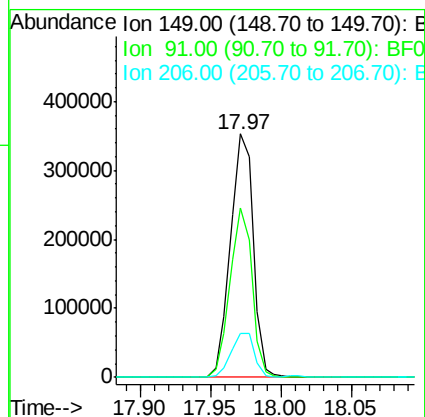
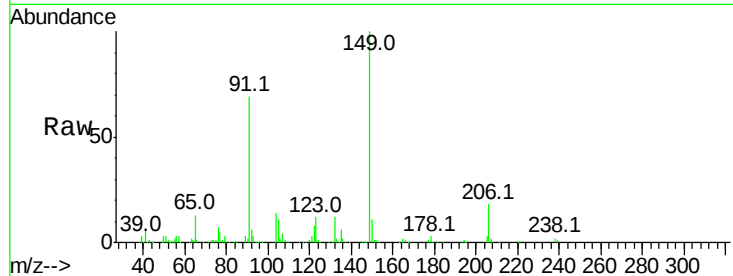




#79
Butylbenzylphthalate
Concen: 39.61 ng
RT: 17.97 min Scan# 2726
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

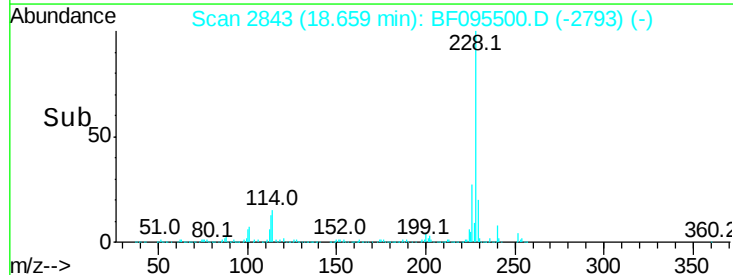
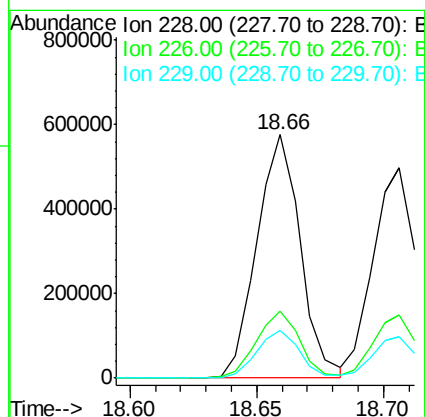
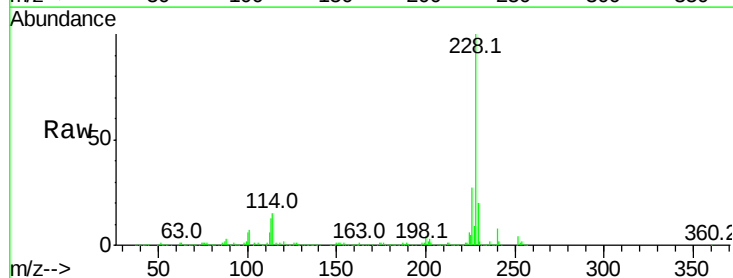
Instrument :
BNA_F
ClientSampleId :

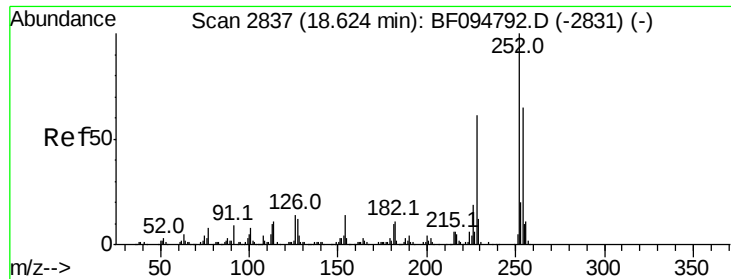
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.4	45.0	67.4#
206	18.2	17.0	25.6



#80
Benzo(a)anthracene
Concen: 41.02 ng
RT: 18.66 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.8	16.3	24.5

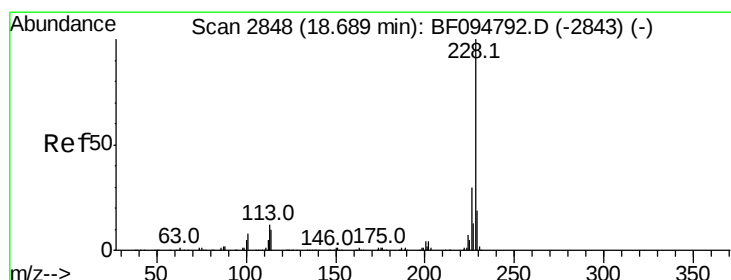
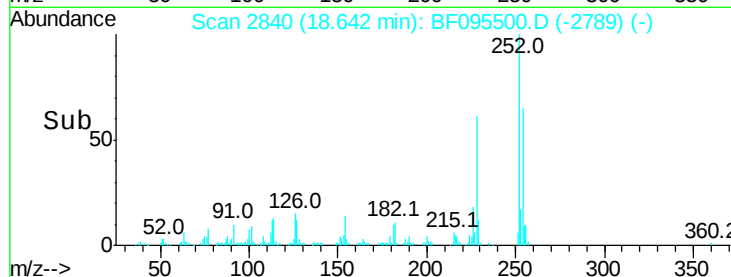
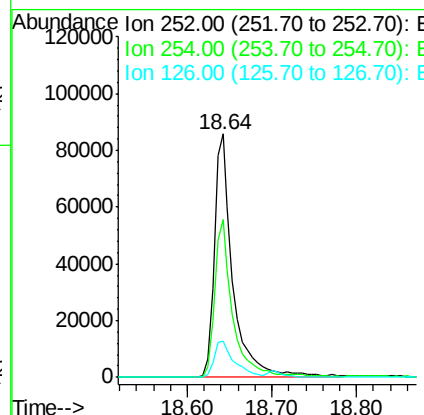
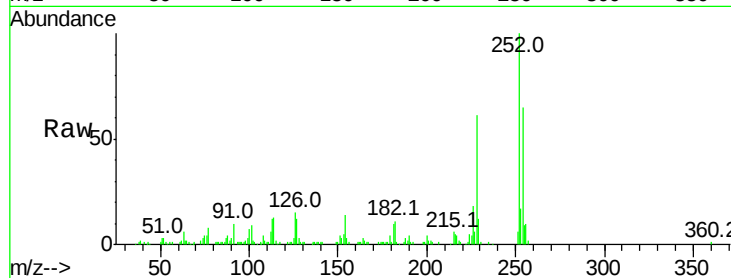




#81
 3,3'-Dichlorobenzidine
 Concen: 22.84 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

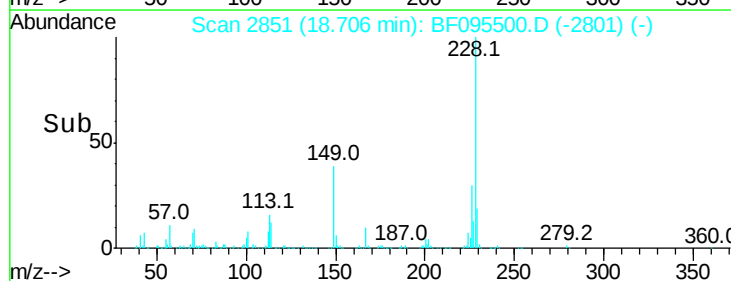
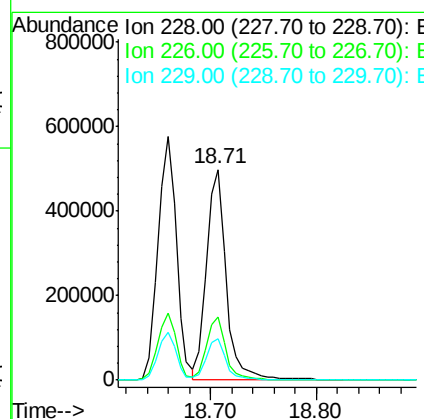
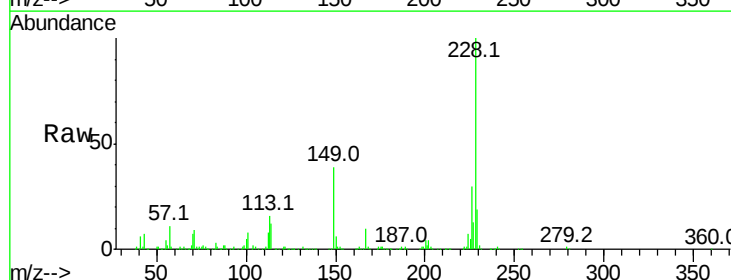
Instrument :
 BNA_F
 ClientSampleId :

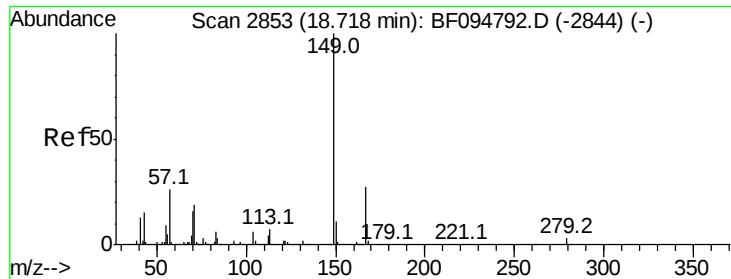
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.5	77.3
126	14.9	15.8	23.8



#82
 Chrysene
 Concen: 39.40 ng
 RT: 18.71 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	19.4	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.37 ng

RT: 18.72 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

ClientSampleId :

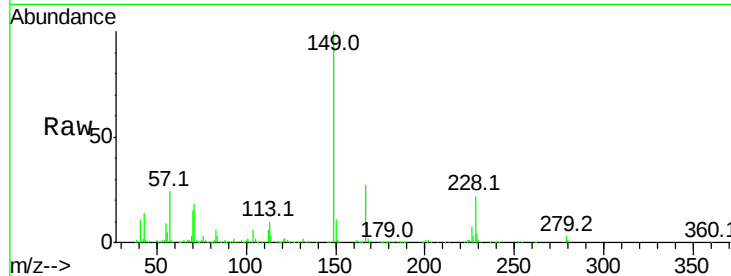
Tot Ion:149 Resp: 535986

Ion Ratio Lower Upper

149 100

167 27.0 21.0 31.4

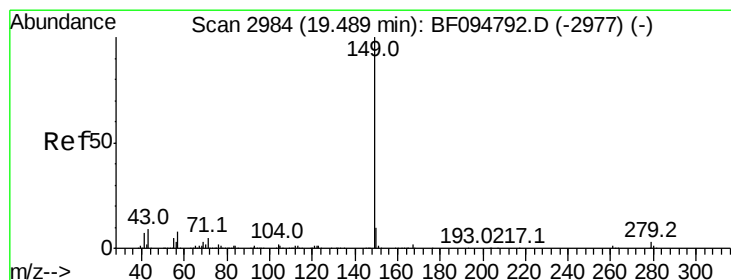
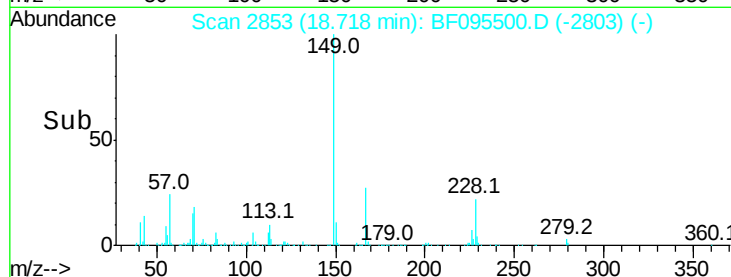
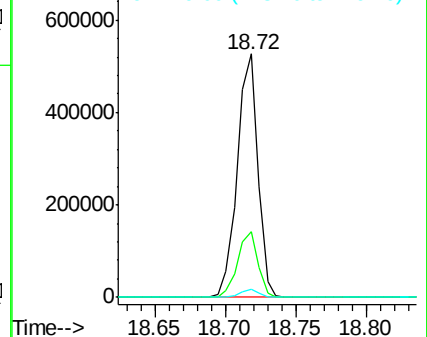
279 3.1 1.9 2.9#



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: 39.03 ng

RT: 19.48 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

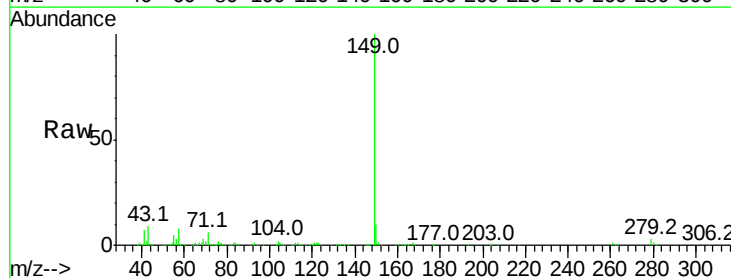
Tgt Ion:149 Resp: 917809

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

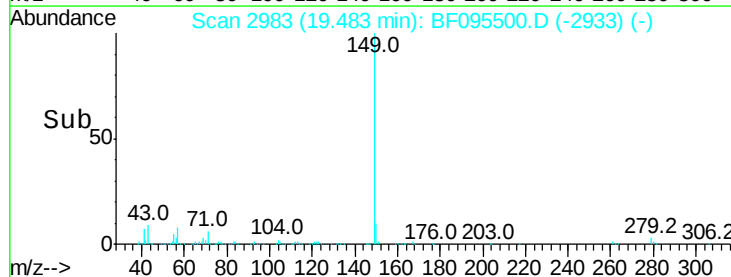
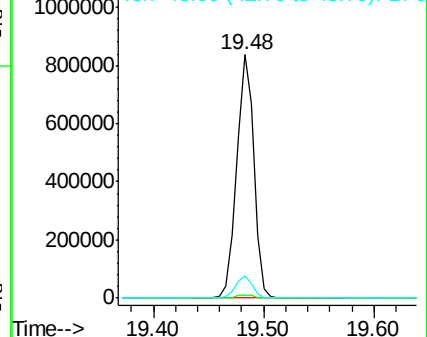
43 8.8 8.5 12.7

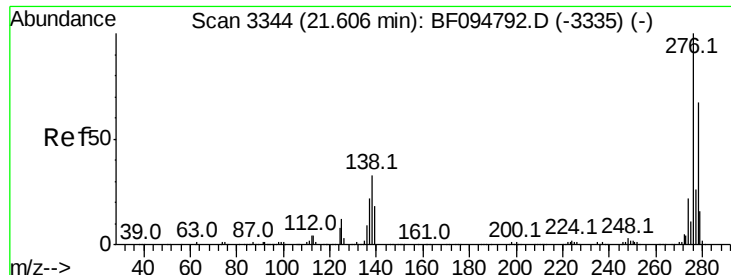


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

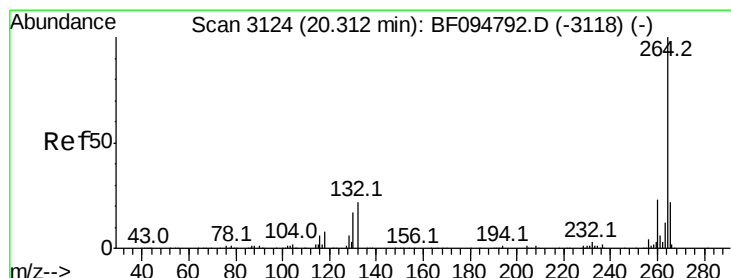
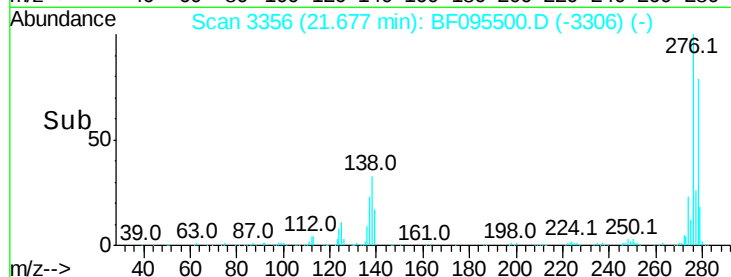
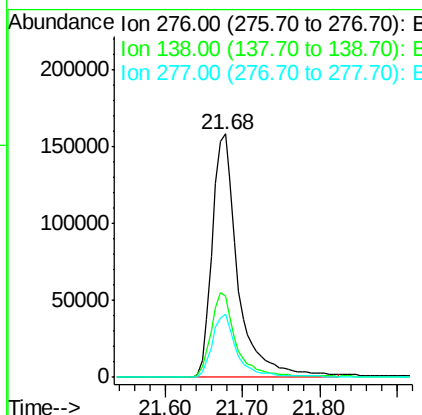
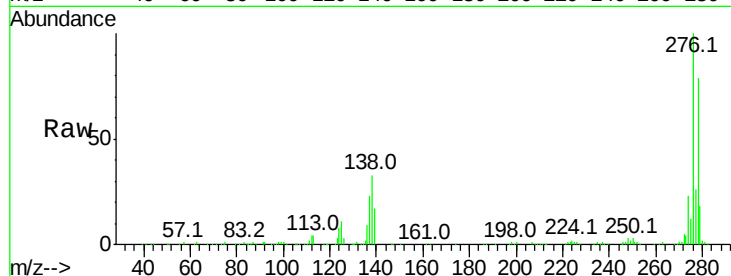




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.71 ng
 RT: 21.68 min Scan# 3356
 Delta R.T. -0.01 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

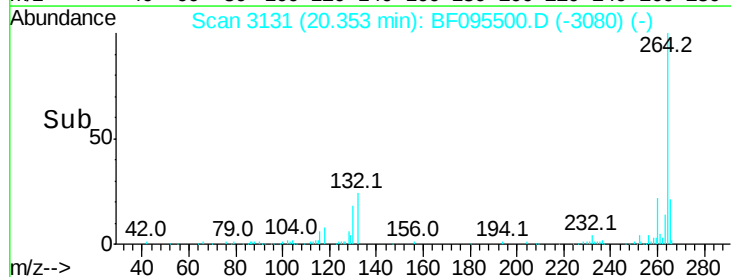
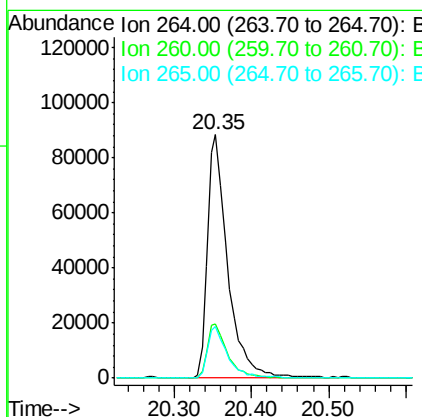
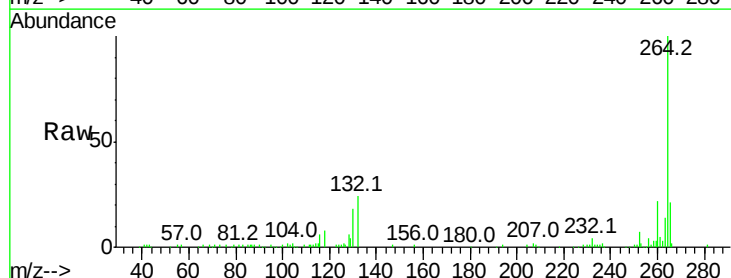
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 366392
 Ion Ratio Lower Upper
 276 100
 138 33.8 27.8 41.6
 277 24.8 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.35 min Scan# 3131
 Delta R.T. 0.00 min
 Lab File: BF095500.D
 Acq: 27 May 2017 14:11

Tgt Ion:264 Resp: 159694
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.5 29.3
 265 21.0 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 53.84 ng

RT: 19.94 min Scan# 3060

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

ClientSampleId :

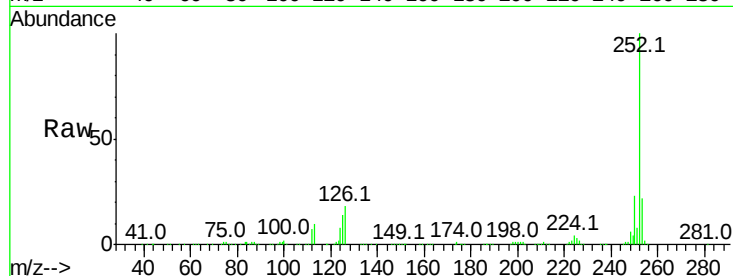
Tot Ion:252 Resp: 531235

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

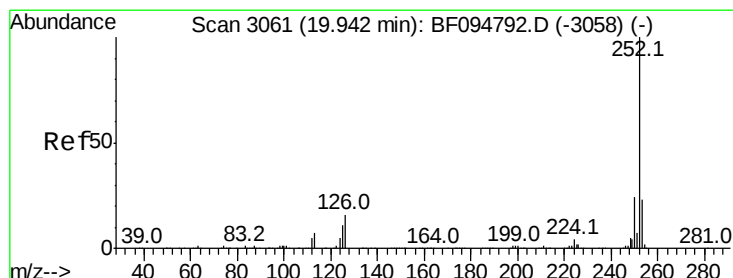
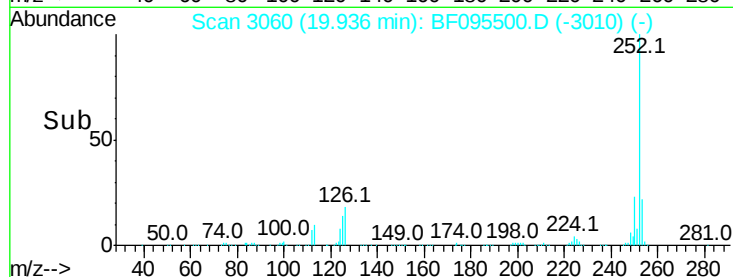
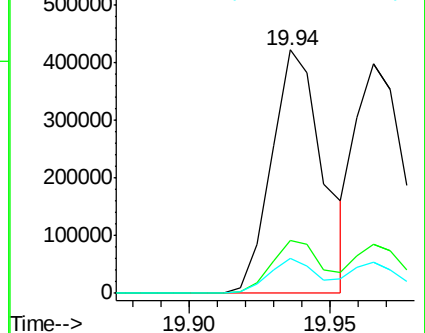
125 14.5 9.8 14.8



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: 54.74 ng

RT: 19.97 min Scan# 3065

Delta R.T. -0.01 min

Lab File: BF095500.D

Acq: 27 May 2017 14:11

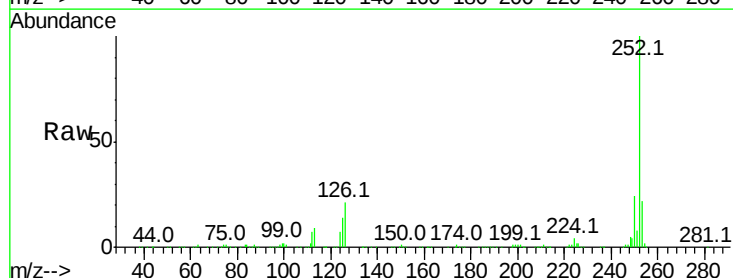
Tgt Ion:252 Resp: 521048

Ion Ratio Lower Upper

252 100

253 21.6 18.4 27.6

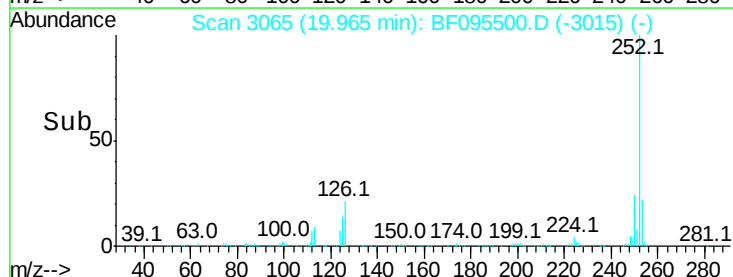
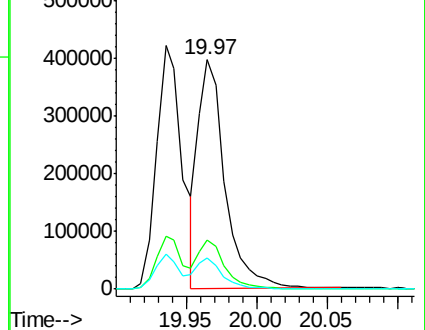
125 13.7 13.1 19.7

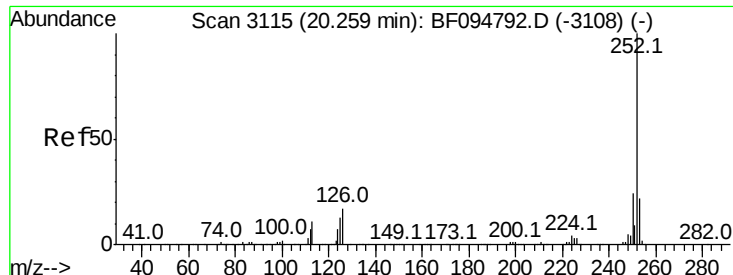


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

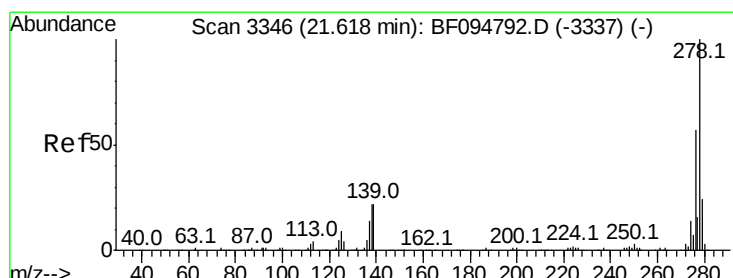
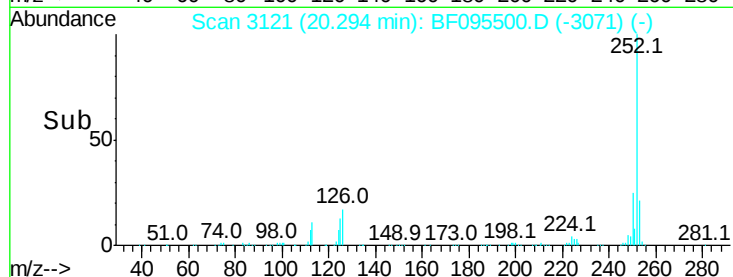
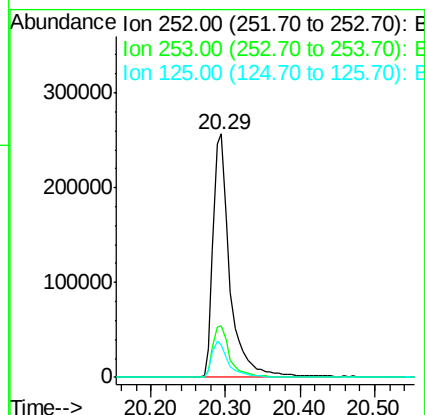
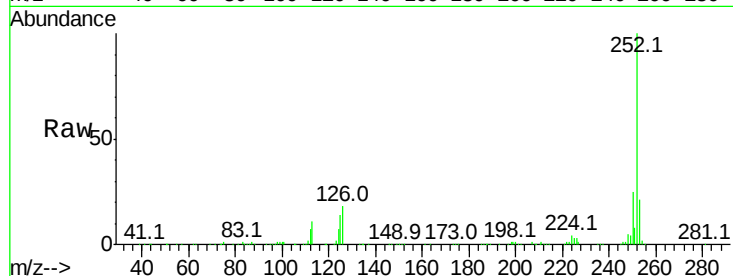




#89
Benzo(a)pyrene
Concen: 43.55 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

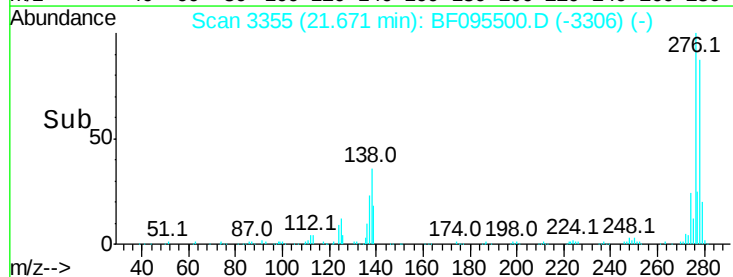
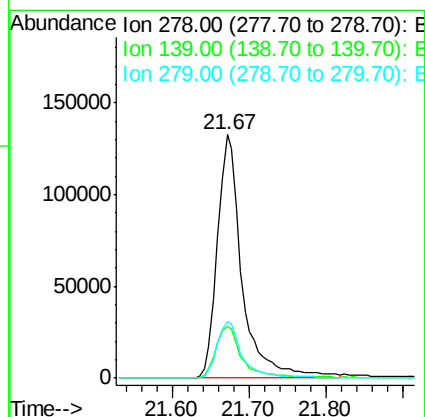
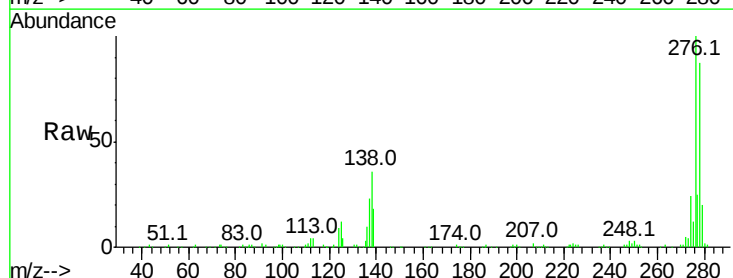
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 396515
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 13.5 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 39.32 ng
RT: 21.67 min Scan# 3355
Delta R.T. -0.01 min
Lab File: BF095500.D
Acq: 27 May 2017 14:11

Tgt Ion:278 Resp: 295669
Ion Ratio Lower Upper
278 100
139 21.0 16.6 24.8
279 23.1 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 42.86 ng

RT: 22.06 min Scan# 3422

Delta R.T. -0.01 min

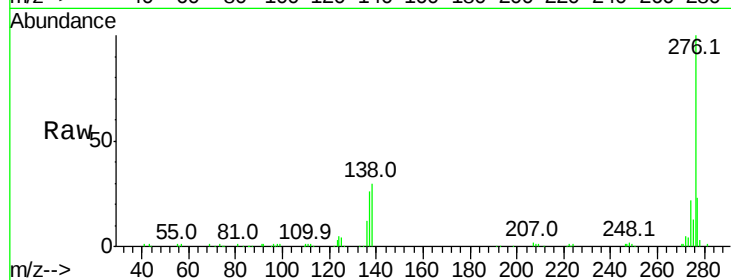
Lab File: BF095500.D

Acq: 27 May 2017 14:11

Instrument :

BNA_F

ClientSampleId :



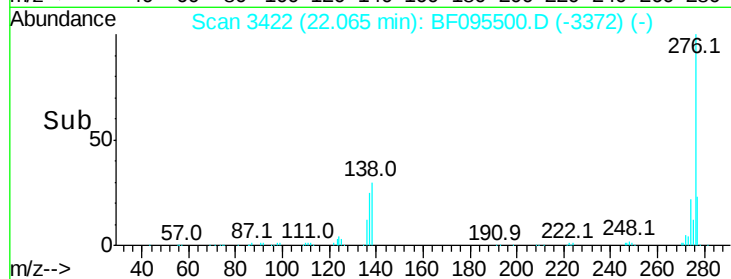
Tot Ion: 276 Resp: 316302

Ion Ratio Lower Upper

276 100

277 22.7 18.6 28.0

138 30.5 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

