

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
 Data File : BF095853.D
 Acq On : 10 Jun 2017 18:03
 Operator : SJ/MA
 Sample : I3591-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 12 03:50:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	63271	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	263580	20.00	ng	-0.04
38) Acenaphthene-d10	12.23	164	120243	20.00	ng	-0.03
63) Phenanthrene-d10	14.62	188	220654	20.00	ng	-0.03
75) Chrysene-d12	18.34	240	159550	20.00	ng	-0.02
86) Perylene-d12	20.00	264	123771	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	636182	160.22	ng	-0.01
7) Phenol-d6	6.95	99	757829	159.42	ng	-0.01
23) Nitrobenzene-d5	8.29	82	443919	104.60	ng	-0.03
41) 2,4,6-Tribromophenol	13.53	330	157487	148.03	ng	-0.02
44) 2-Fluorobiphenyl	11.18	172	651247	75.37	ng	-0.04
78) Terphenyl-d14	16.99	244	541014	84.15	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	1.75	88	83130	44.01	ng	95
3) Pyridine	2.29	79	213078	48.00	ng	99
4) n-Nitrosodimethylamine	2.27	42	90697	53.74	ng	82
6) Aniline	6.87	93	222598	35.79	ng	94
8) 2-Chlorophenol	7.06	128	238554	56.50	ng	95
9) Benzaldehyde	6.67	77	86760	27.06	ng	98
10) Phenol	6.96	94	308539	62.57	ng	90
11) bis(2-Chloroethyl)ether	7.02	93	204091	52.25	ng	98
12) 1,3-Dichlorobenzene	7.27	146	240644	50.36	ng	98
13) 1,4-Dichlorobenzene	7.39	146	244578	50.47	ng	96
14) 1,2-Dichlorobenzene	7.63	146	239073	53.51	ng	96
15) Benzyl Alcohol	7.67	79	190610	58.42	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.87	45	290798	52.98	ng	96
17) 2-Methylphenol	7.90	107	196681	55.51	ng	93
18) Hexachloroethane	8.15	117	80575	50.34	ng	# 87
19) n-Nitroso-di-n-propylamine	8.10	70	162305	53.88	ng	94
20) 3+4-Methylphenols	8.17	107	259449	57.69	ng	# 58
22) Acetophenone	8.06	105	327422	53.07	ng	# 84
24) Nitrobenzene	8.32	77	231124	50.98	ng	90
25) Isophorone	8.72	82	411567	51.94	ng	96
26) 2-Nitrophenol	8.83	139	128825	54.26	ng	99
27) 2,4-Dimethylphenol	8.98	122	205550	55.79	ng	98
28) bis(2-Chloroethoxy)methane	9.10	93	267665	51.24	ng	99
29) 2,4-Dichlorophenol	9.25	162	199199	56.14	ng	97
30) 1,2,4-Trichlorobenzene	9.33	180	188723	51.12	ng	99
31) Naphthalene	9.43	128	666352	50.37	ng	100
32) Benzoic acid	9.50	122	230	5.21	ng	92
33) 4-Chloroaniline	9.59	127	135575	26.22	ng	# 93
34) Hexachlorobutadiene	9.66	225	91507	47.97	ng	96
35) Caprolactam	10.23	113	33422	31.66	ng	85
36) 4-Chloro-3-methylphenol	10.47	107	205025	55.20	ng	91
37) 2-Methylnaphthalene	10.56	142	449183	50.26	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.85	216	173646	48.25	ng	99
40) Hexachlorocyclopentadiene	10.82	237	80152	72.31	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.07	196	122006	52.73	nq	98
43) 2,4,5-Trichlorophenol	11.16	196	121758	49.47	nq	# 92
45) 1,1'-Biphenyl	11.33	154	491894	49.63	nq	97
46) 2-Chloronaphthalene	11.35	162	391508	50.56	nq	96
47) 2-Nitroaniline	11.57	65	123837	54.65	nq	# 83
48) Acenaphthylene	12.00	152	623223	47.07	nq	99
49) Dimethylphthalate	11.89	163	671328	73.53	nq	99
50) 2,6-Dinitrotoluene	11.99	165	103846	52.15	nq	# 79
51) Acenaphthene	12.28	154	365407	47.78	nq	98
52) 3-Nitroaniline	12.24	138	82402	35.52	nq	90
53) 2,4-Dinitrophenol	12.49	184	14927	18.64	nq	# 68
54) Dibenzofuran	12.57	168	565405	52.53	nq	97
55) 4-Nitrophenol	12.65	139	139752	101.83	nq	# 71
56) 2,4-Dinitrotoluene	12.66	165	145438	54.07	nq	# 89
57) Fluorene	13.12	166	449450	47.99	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.82	232	93416	55.48	nq	94
59) Diethylphthalate	13.04	149	444987	50.65	nq	98
60) 4-Chlorophenyl-phenylether	13.15	204	196563	48.26	nq	88
61) 4-Nitroaniline	13.26	138	114888	53.04	nq	95
62) Azobenzene	13.41	77	414208	52.02	nq	92
64) 4,6-Dinitro-2-methylphenol	13.33	198	47320	32.63	nq	# 70
65) n-Nitrosodiphenylamine	13.36	169	394518	49.76	nq	99
66) 4-Bromophenyl-phenylether	13.93	248	113451	49.47	nq	98
67) Hexachlorobenzene	14.02	284	114597	50.71	nq	# 91
68) Atrazine	14.29	200	118552	53.73	nq	97
69) Pentachlorophenol	14.37	266	62696	73.74	nq	99
70) Phenanthrene	14.66	178	646949	50.81	nq	98
71) Anthracene	14.74	178	664366	49.98	nq	98
72) Carbazole	15.04	167	644082	49.73	nq	97
73) Di-n-butylphthalate	15.63	149	715250	51.90	nq	97
74) Fluoranthene	16.44	202	652675	51.79	nq	98
76) Benzidine	16.66	184	257530	42.03	nq	# 93
77) Pyrene	16.74	202	664692	55.83	nq	98
79) Butylbenzylphthalate	17.66	149	297147	57.15	nq	89
80) Benzo(a)anthracene	18.33	228	472979	50.99	nq	99
81) 3,3'-Dichlorobenzidine	18.31	252	102606	31.11	nq	# 97
82) Chrysene	18.37	228	453357	48.90	nq	99
83) Bis(2-ethylhexyl)phthalate	18.41	149	411003	56.04	nq	# 98
84) Di-n-octyl phthalate	19.18	149	602126	49.82	nq	95
85) Indeno(1,2,3-cd)pyrene	21.18	276	412410	51.99	nq	100
87) Benzo(b)fluoranthene	19.60	252	399238	51.51	nq	97
88) Benzo(k)fluoranthene	19.60	252	399238	53.89	nq	95
89) Benzo(a)pyrene	19.95	252	359478	50.47	nq	99
90) Dibenzo(a,h)anthracene	21.18	278	344789	57.06	nq	96
91) Benzo(g,h,i)perylene	21.50	276	364564	59.18	nq	99

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

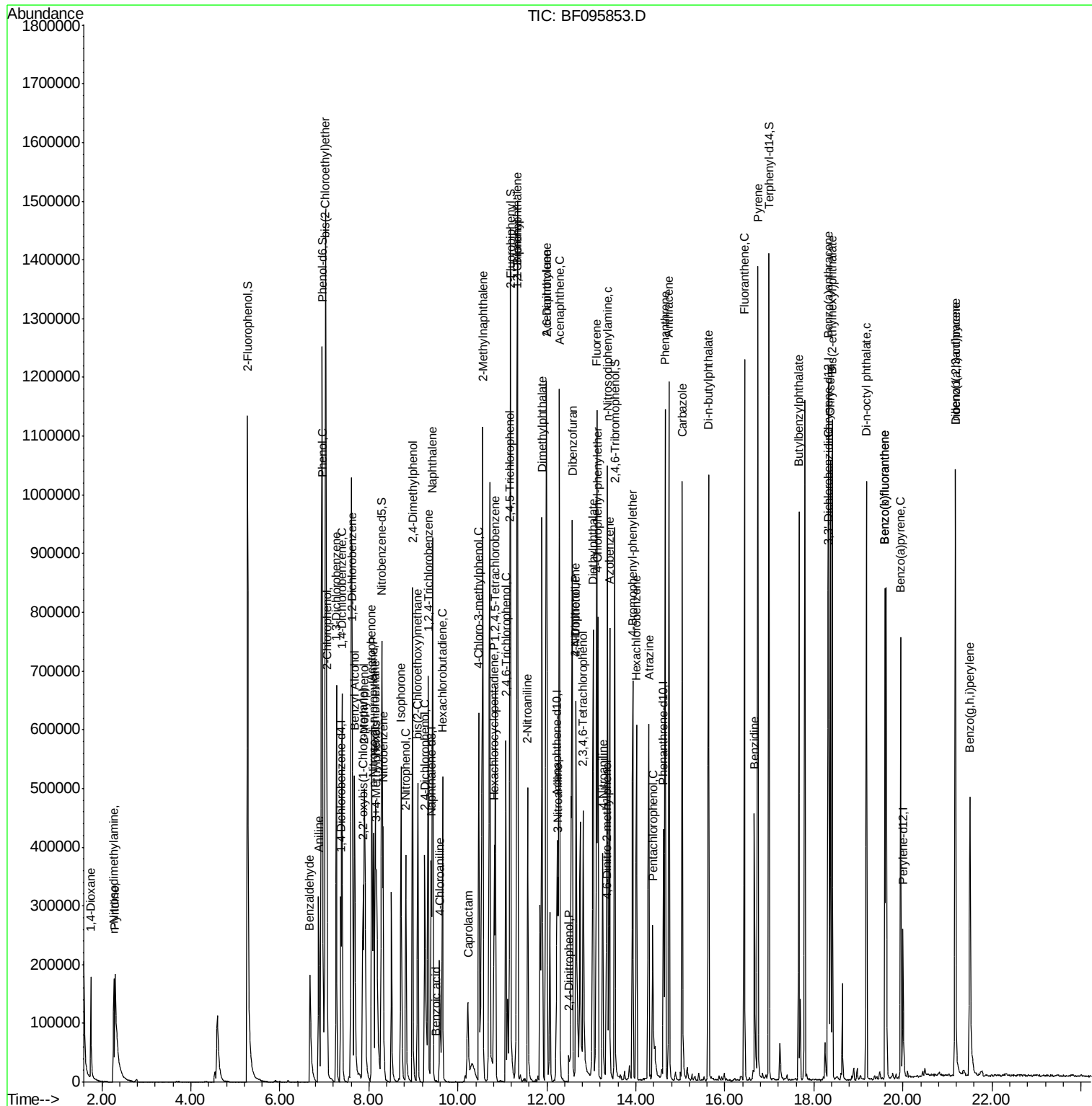
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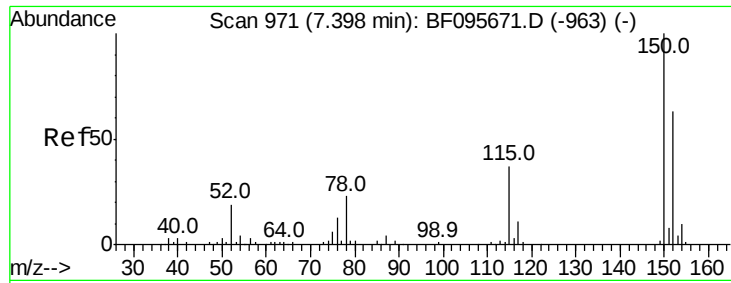
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
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ALS Vial  : 8      Sample Multiplier: 1

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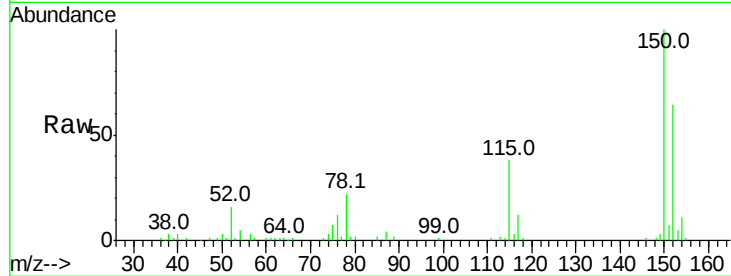


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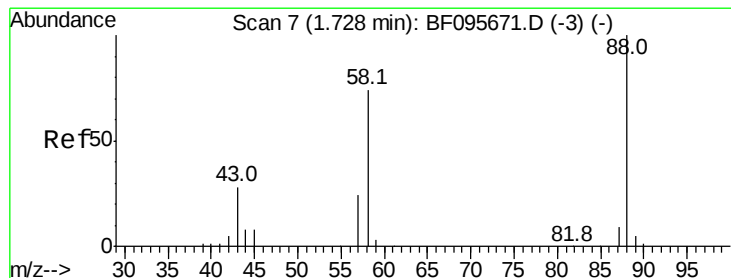
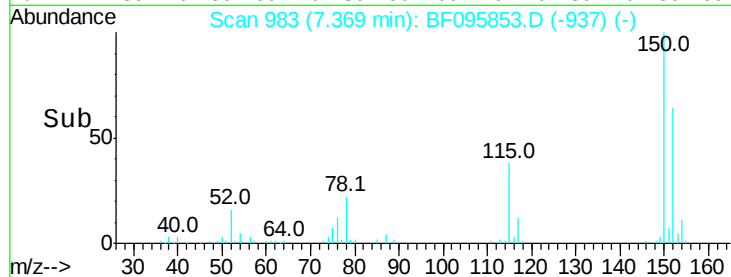
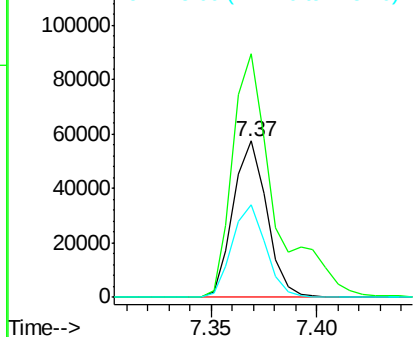
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095853.D
Acq: 10 Jun 2017 18:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 63271
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 59.2 52.2 78.2



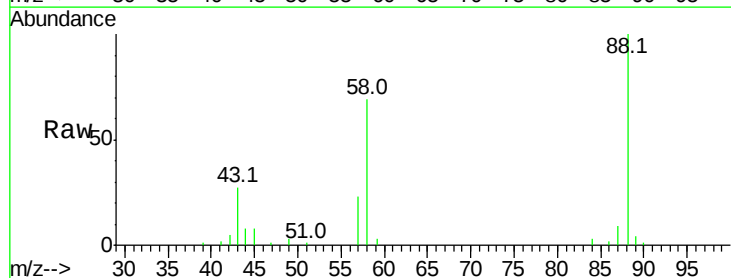
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



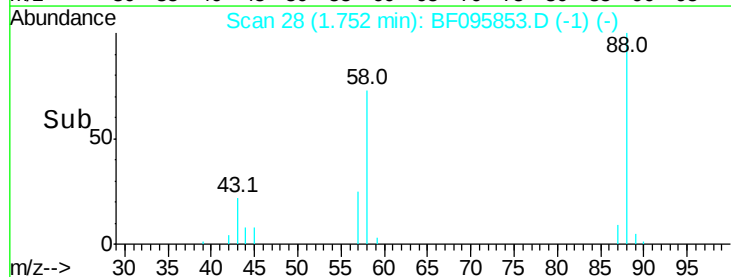
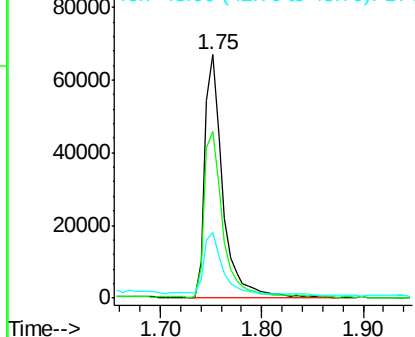
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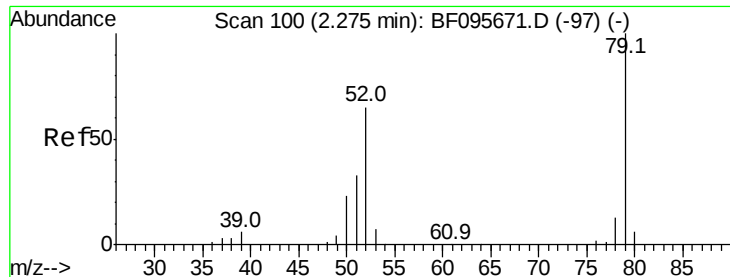
1,4-Dioxane
Concen: 44.01 ng
RT: 1.75 min Scan# 28
Delta R.T. 0.02 min
Lab File: BF095853.D
Acq: 10 Jun 2017 18:03

Tgt Ion: 88 Resp: 83130
Ion Ratio Lower Upper
88 100
58 71.4 61.4 92.0
43 28.9 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

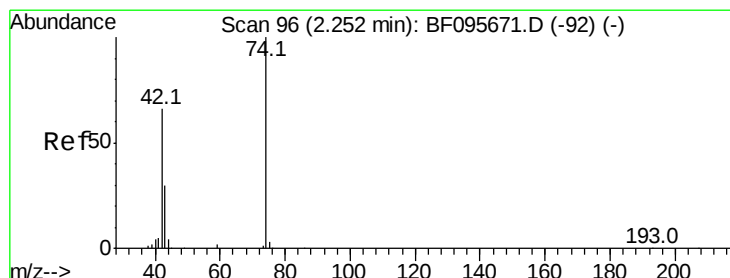
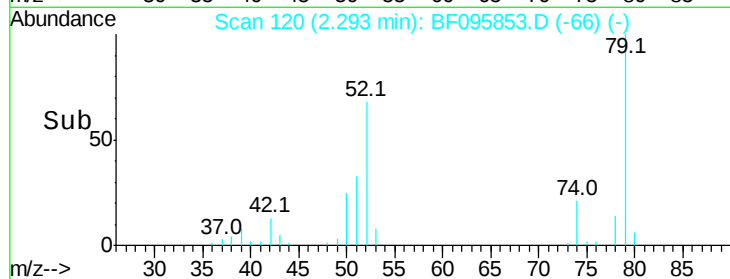
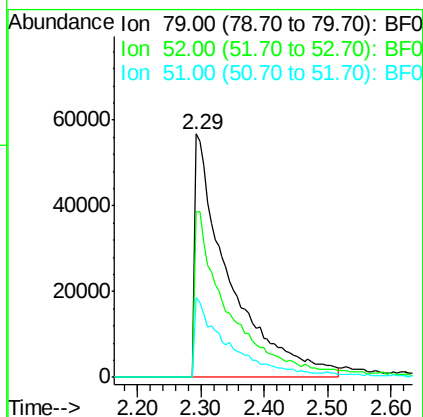
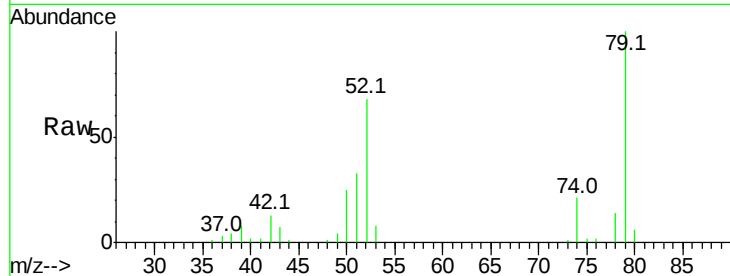




#3
 Pvridine
 Concen: 48.00 ng
 RT: 2.29 min Scan# 120
 Delta R.T. 0.02 min
 Lab File: BF095853.D
 Acq: 10 Jun 2017 18:03

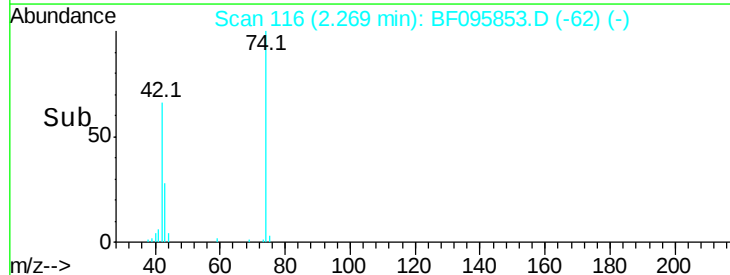
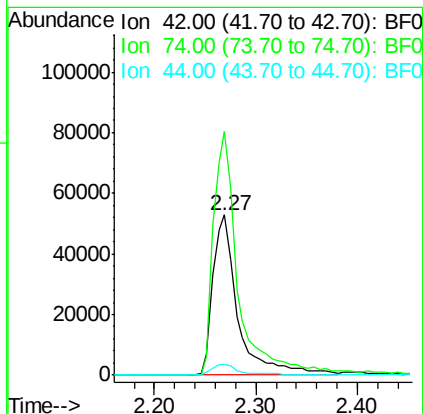
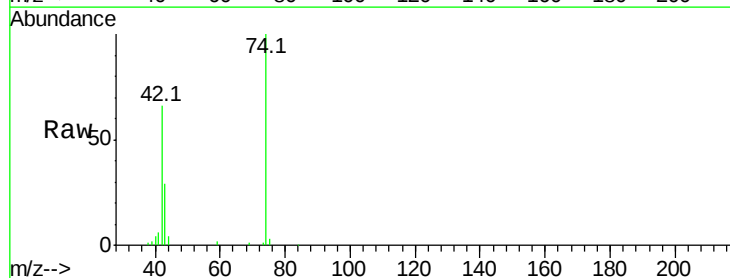
Instrument :
 BNA_F
 ClientSampleId :

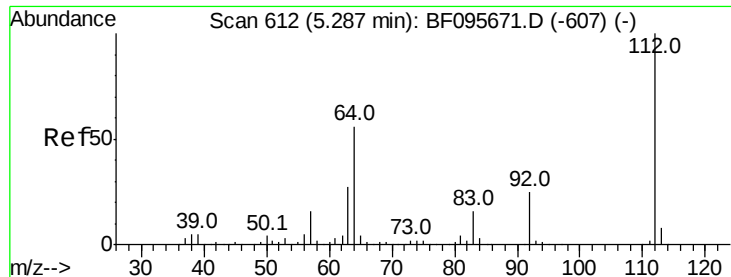
Tot Ion: 79 Resp: 213078
 Ion Ratio Lower Upper
 79 100
 52 67.8 54.8 82.2
 51 32.8 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 53.74 ng
 RT: 2.27 min Scan# 116
 Delta R.T. 0.02 min
 Lab File: BF095853.D
 Acq: 10 Jun 2017 18:03

Tgt Ion: 42 Resp: 90697
 Ion Ratio Lower Upper
 42 100
 74 152.0 103.9 155.9
 44 6.8 5.7 8.5





#5

2-Fluorophenol

Concen: 160.22 ng

RT: 5.27 min Scan# 627

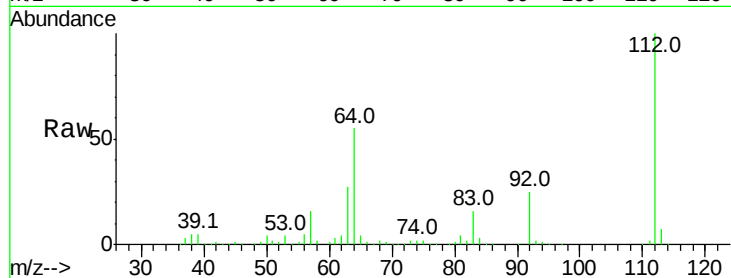
Delta R.T. -0.01 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

Instrument :
BNA_F
ClientSampleId :

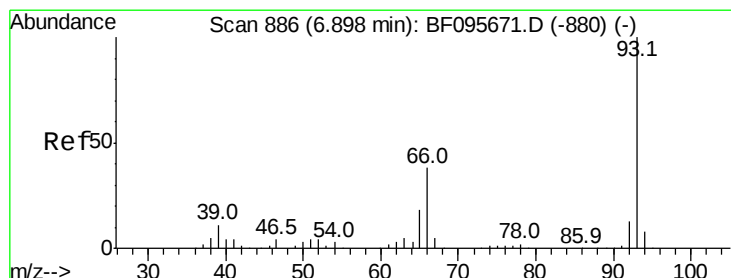
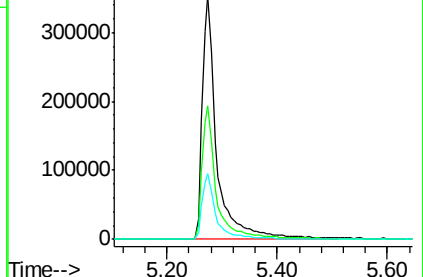
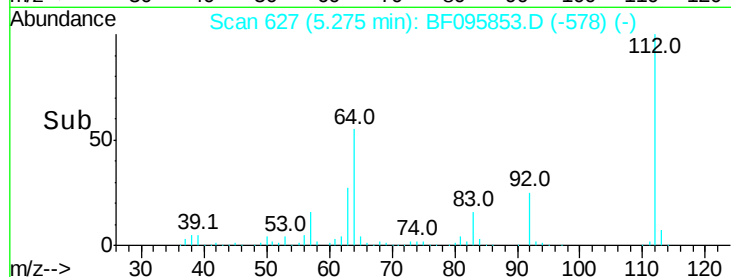
Tot Ion:	112	Resp:	636182
Ion	Ratio	Lower	Upper
112	100		
64	54.8	46.0	69.0
63	27.1	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 35.79 ng

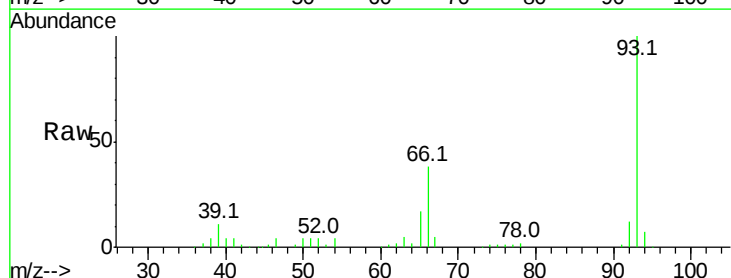
RT: 6.87 min Scan# 898

Delta R.T. -0.03 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

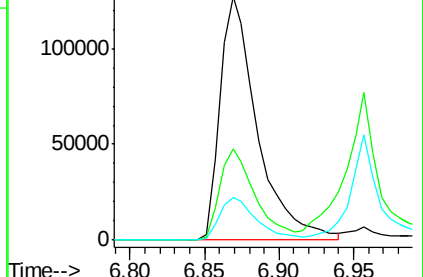
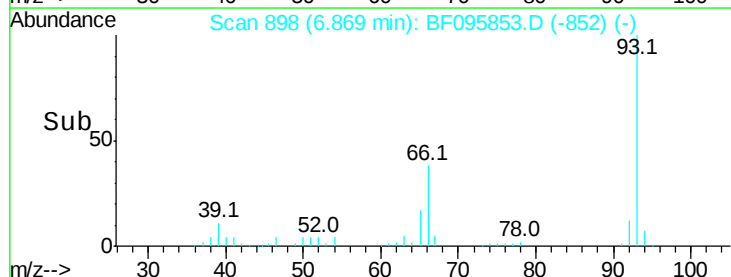
Tgt Ion:	93	Resp:	222598
Ion	Ratio	Lower	Upper
93	100		
66	37.6	32.9	49.3
65	17.3	16.0	24.0

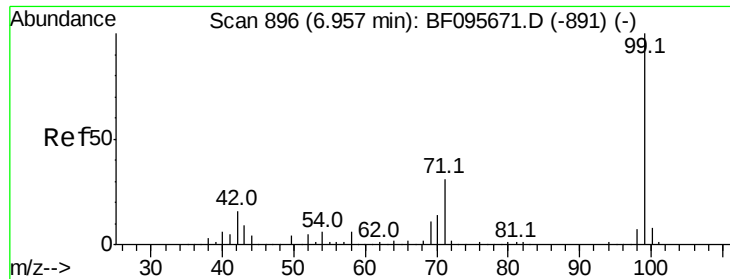


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 159.42 ng

RT: 6.95 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

Instrument :

BNA_F

ClientSampled :

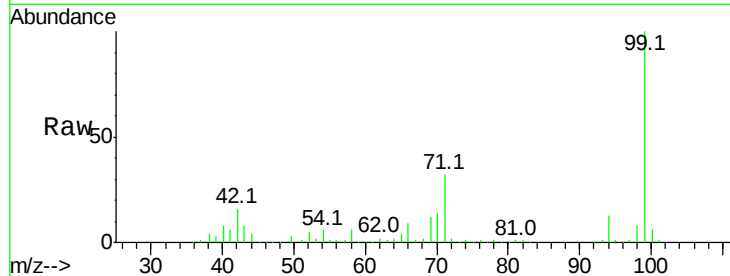
Tot Ion: 99 Resp: 757829

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

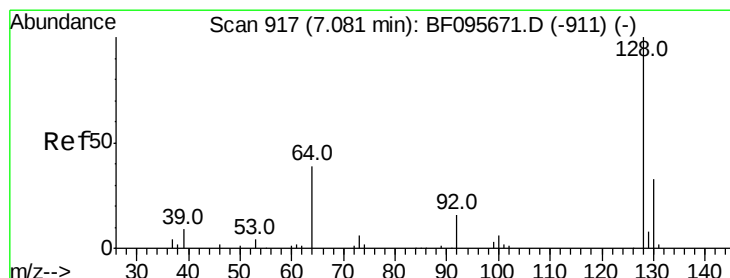
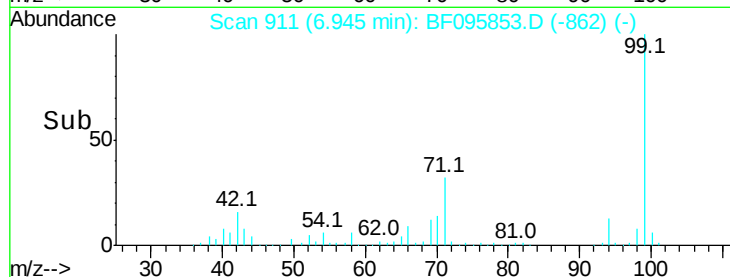
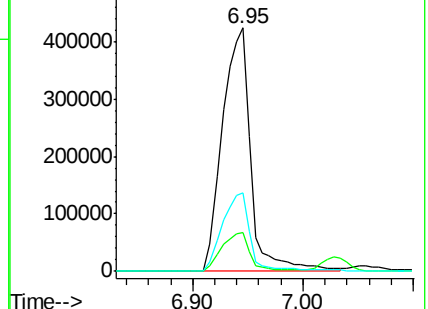
71 32.2 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 56.50 ng

RT: 7.06 min Scan# 930

Delta R.T. -0.02 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

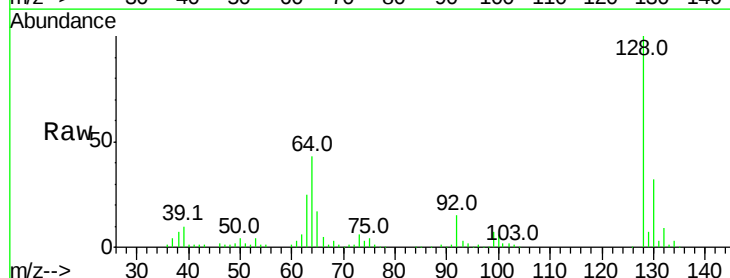
Tgt Ion: 128 Resp: 238554

Ion Ratio Lower Upper

128 100

130 32.1 12.9 52.9

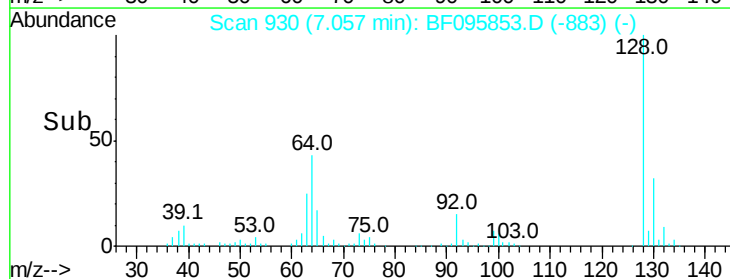
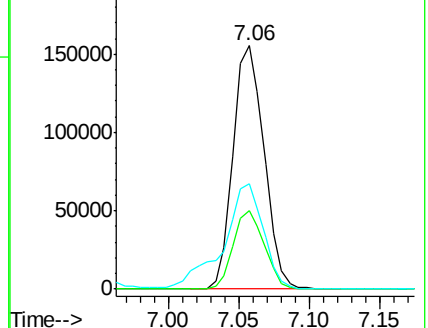
64 43.4 28.4 68.4

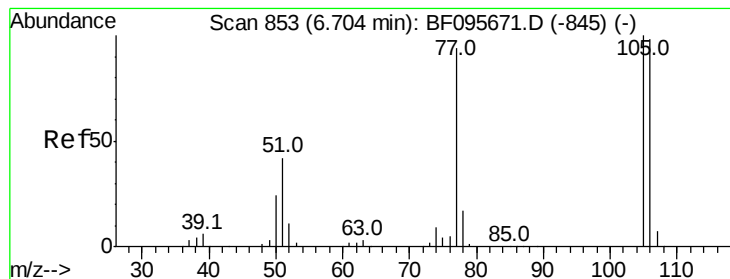


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 27.06 ng

RT: 6.67 min Scan# 865

Delta R.T. -0.03 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

Instrument :

BNA_F

ClientSampled :

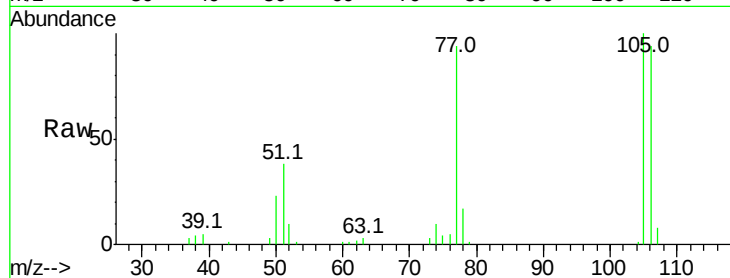
Tot Ion: 77 Resp: 86760

Ion Ratio Lower Upper

77 100

105 106.6 83.8 123.8

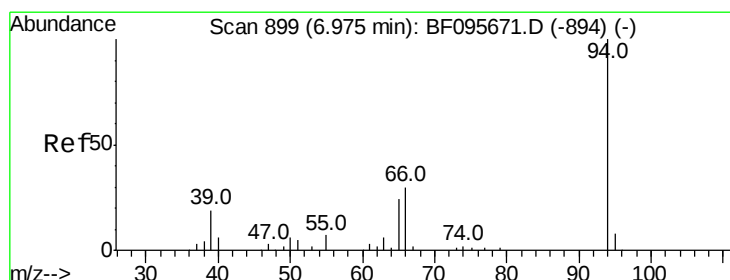
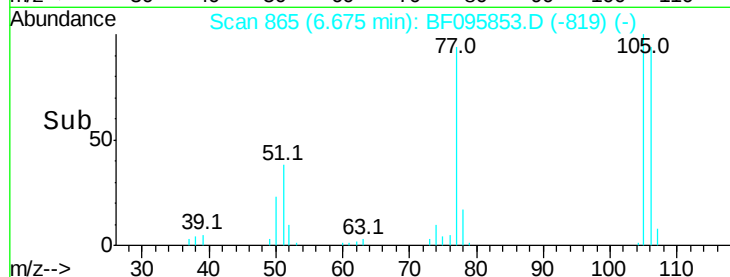
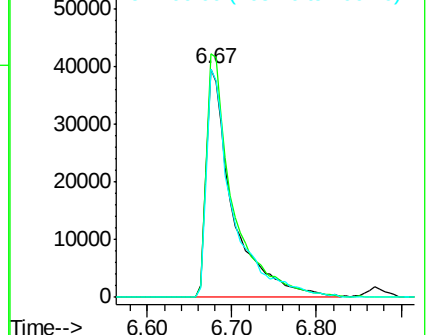
106 100.1 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 62.57 ng

RT: 6.96 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

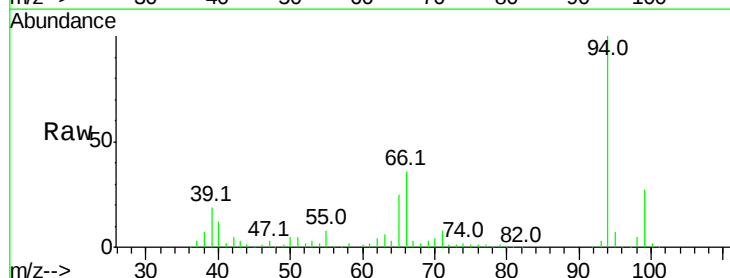
Tgt Ion: 94 Resp: 308539

Ion Ratio Lower Upper

94 100

65 25.4 9.9 49.9

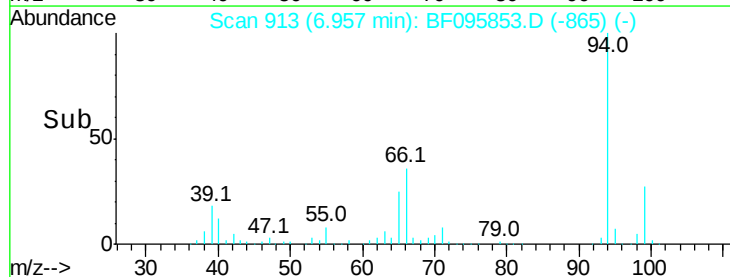
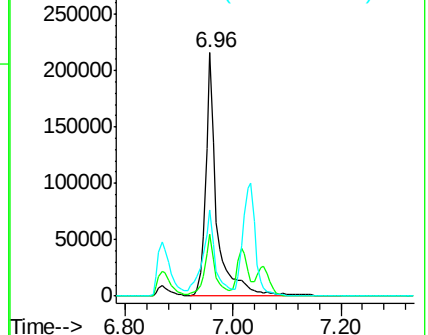
66 35.5 23.1 63.1

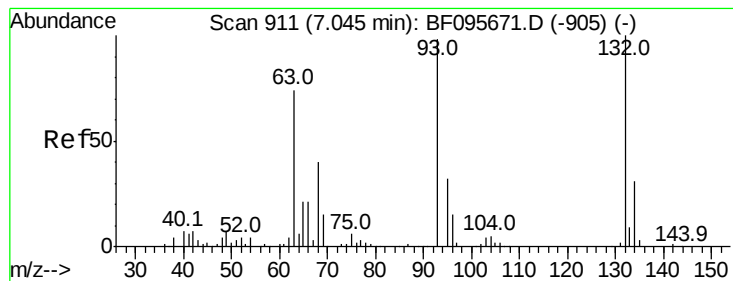


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

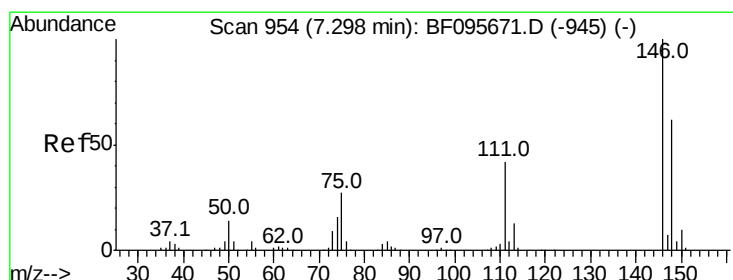
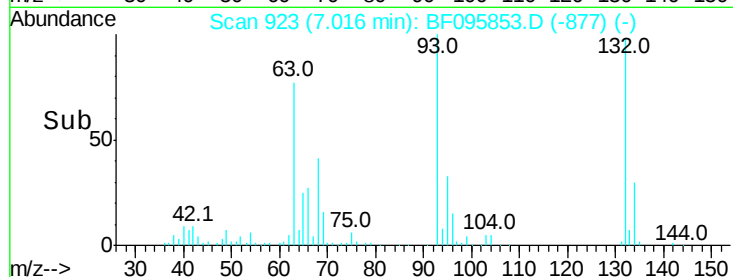
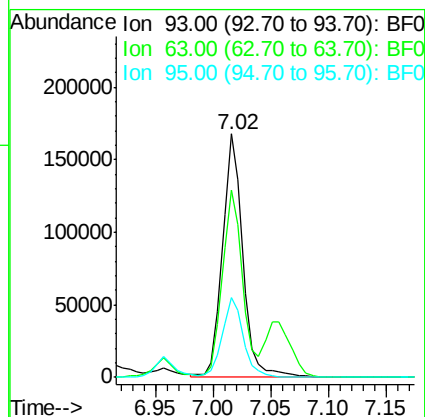
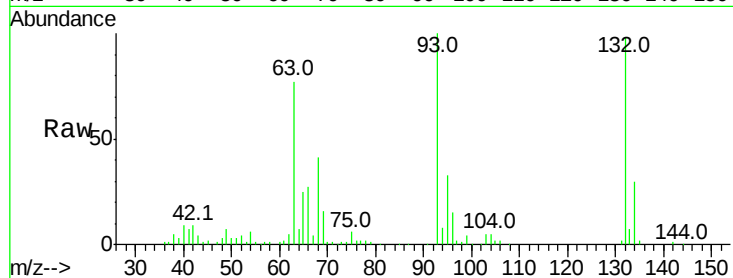




#11
bis(2-Chloroethyl)ether
Concen: 52.25 ng
RT: 7.02 min Scan# 923
Delta R.T. -0.03 min
Lab File: BF095853.D
Acq: 10 Jun 2017 18:03

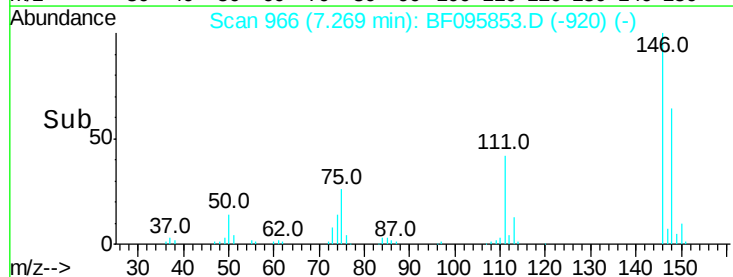
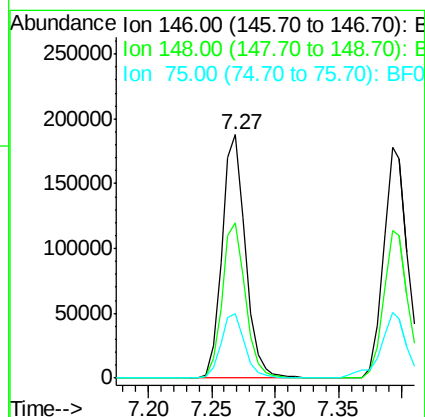
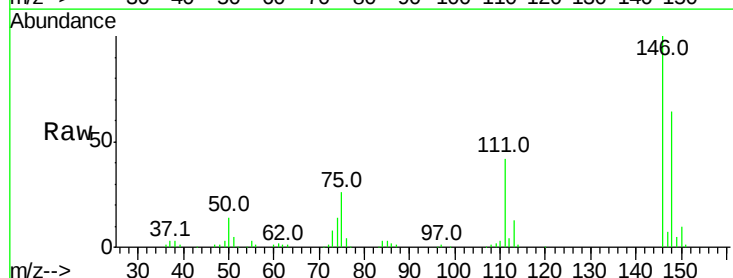
Instrument :
BNA_F
ClientSampleId :

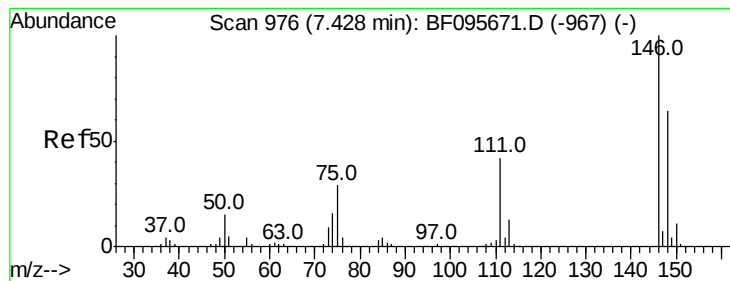
Tot Ion: 93 Resp: 204091
Ion Ratio Lower Upper
93 100
63 76.9 59.2 99.2
95 32.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 50.36 ng
RT: 7.27 min Scan# 966
Delta R.T. -0.03 min
Lab File: BF095853.D
Acq: 10 Jun 2017 18:03

Tgt Ion: 146 Resp: 240644
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.6
75 26.3 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 50.47 ng

RT: 7.39 min Scan# 987

Delta R.T. -0.04 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

Instrument :

BNA_F

ClientSampled :

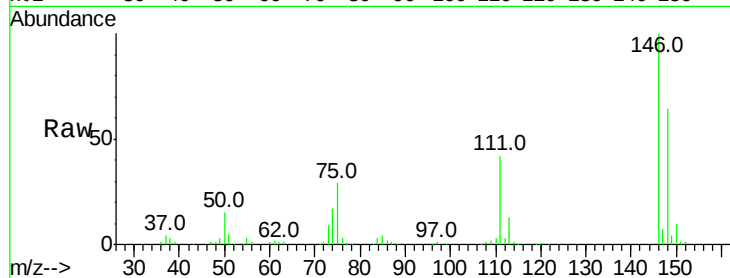
Tot Ion:146 Resp: 244578

Ion Ratio Lower Upper

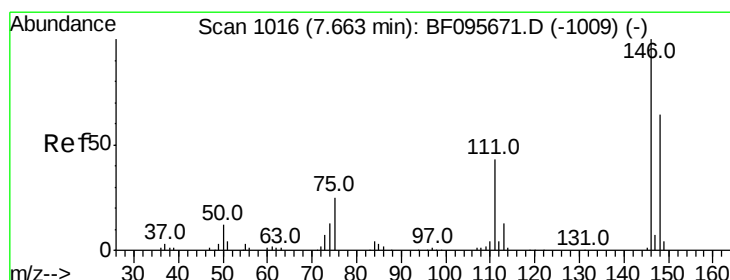
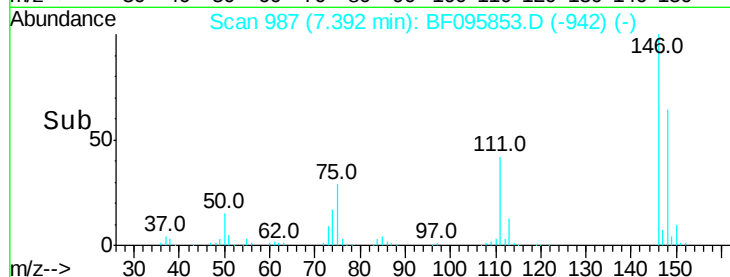
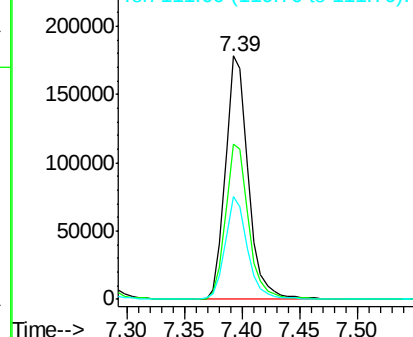
146 100

148 63.7 52.2 78.2

111 42.2 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: 53.51 ng

RT: 7.63 min Scan# 1027

Delta R.T. -0.04 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

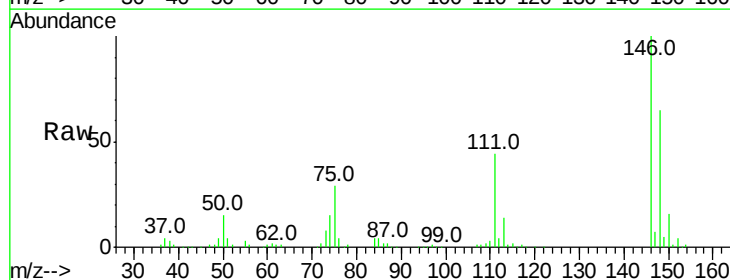
Tgt Ion:146 Resp: 239073

Ion Ratio Lower Upper

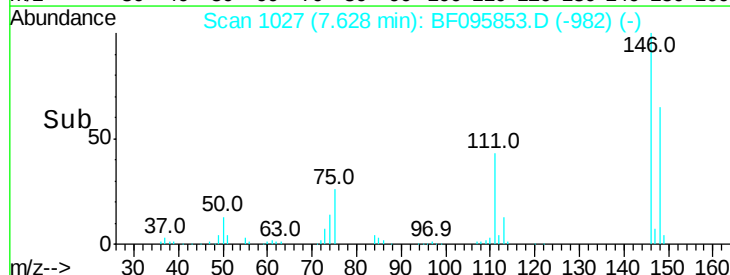
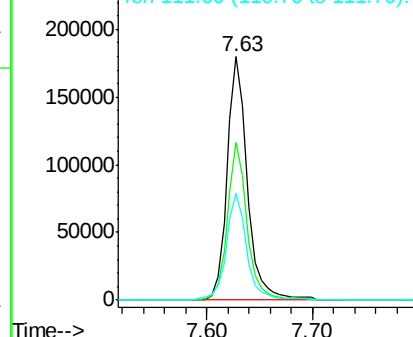
146 100

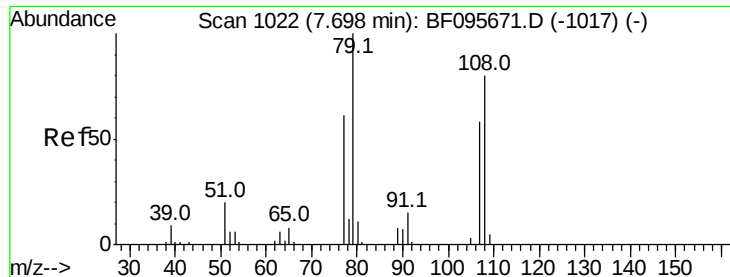
148 64.7 50.4 75.6

111 43.6 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 58.42 ng

RT: 7.67 min Scan# 1035

Delta R.T. -0.02 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

Instrument :

BNA_F

ClientSampled :

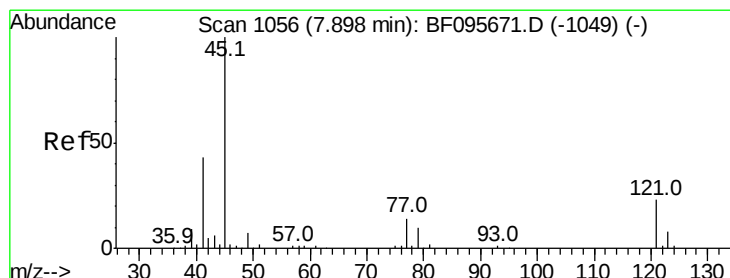
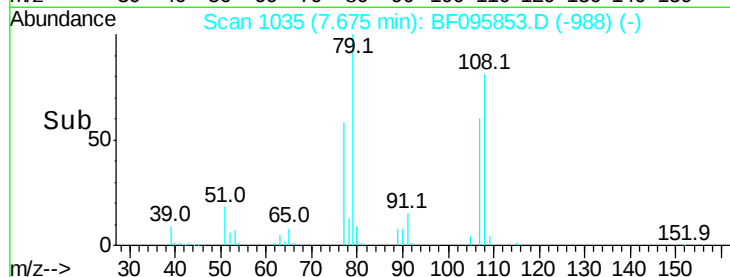
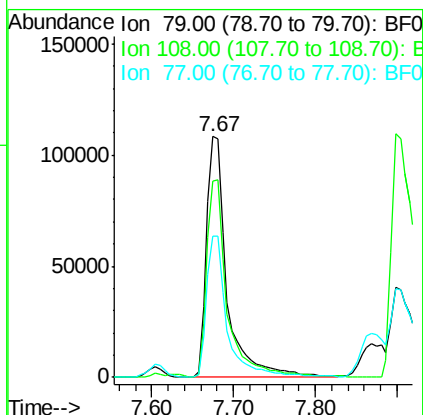
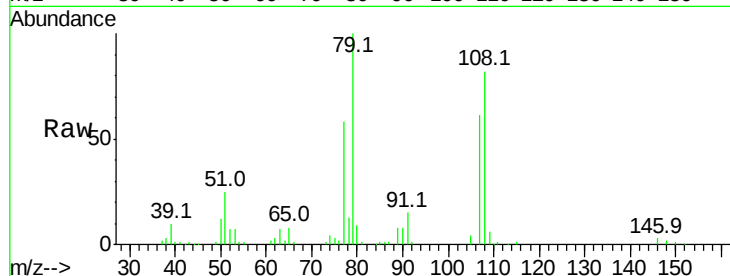
Tot Ion: 79 Resp: 190610

Ion Ratio Lower Upper

79 100

108 81.7 63.4 95.0

77 58.4 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 52.98 ng

RT: 7.87 min Scan# 1068

Delta R.T. -0.03 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

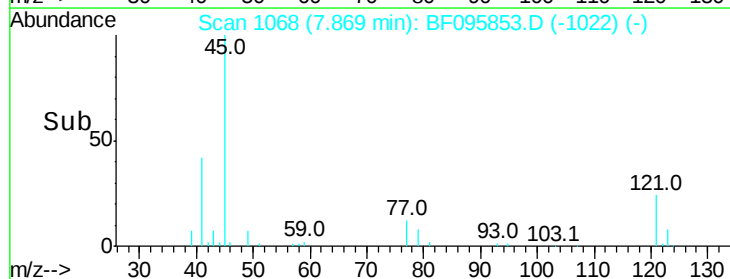
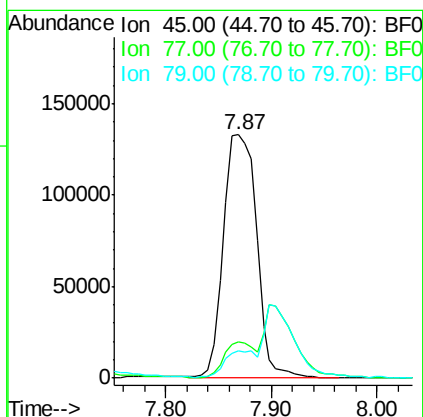
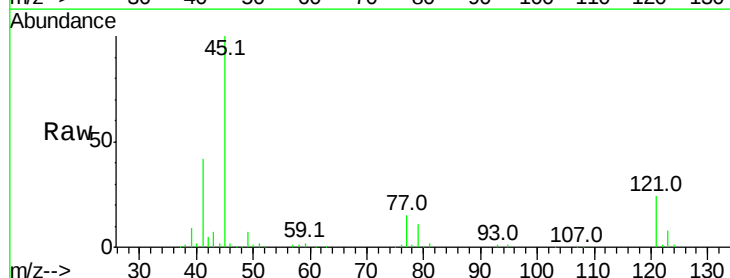
Tgt Ion: 45 Resp: 290798

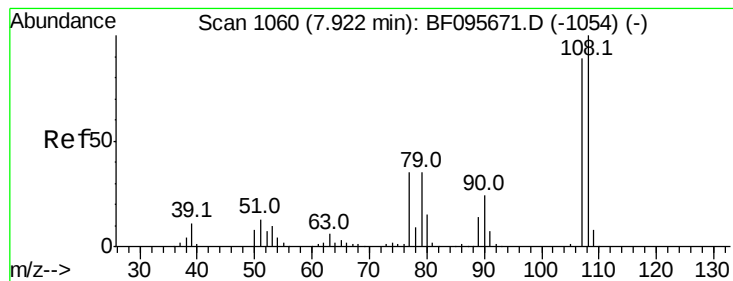
Ion Ratio Lower Upper

45 100

77 15.1 0.0 33.2

79 11.3 0.0 30.0





#17

2-Methylphenol

Concen: 55.51 ng

RT: 7.90 min Scan# 1074

Delta R.T. -0.02 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 196681

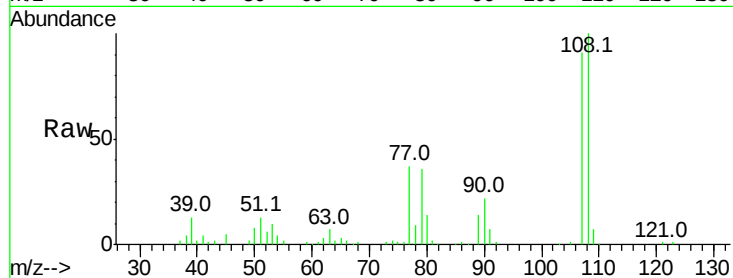
Ion Ratio Lower Upper

107 100

108 109.4 93.4 140.0

77 40.0 35.8 53.6

79 39.9 34.8 52.2

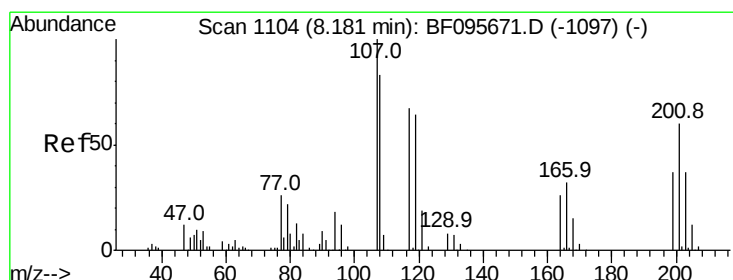
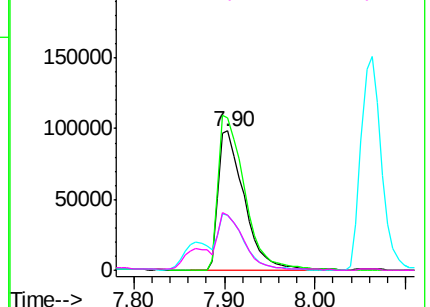
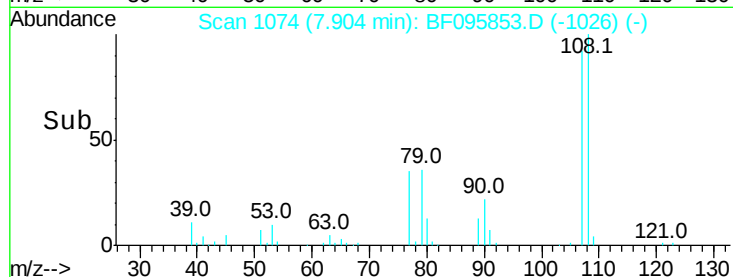


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 50.34 ng

RT: 8.15 min Scan# 1115

Delta R.T. -0.04 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

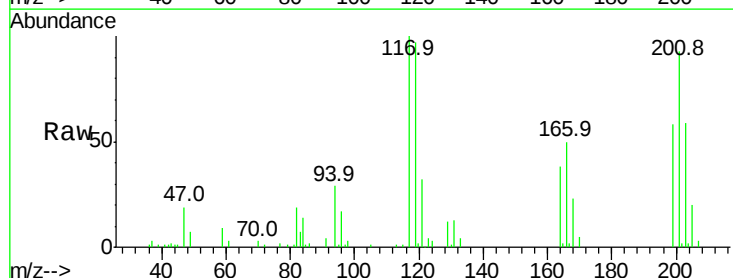
Tgt Ion:117 Resp: 80575

Ion Ratio Lower Upper

117 100

119 96.9 77.4 116.0

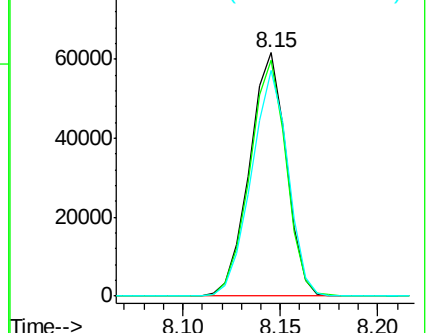
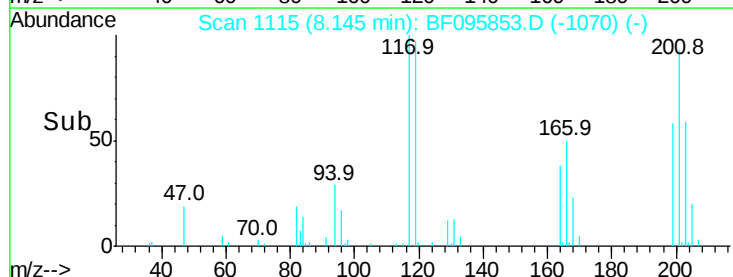
201 92.9 94.6 141.8#

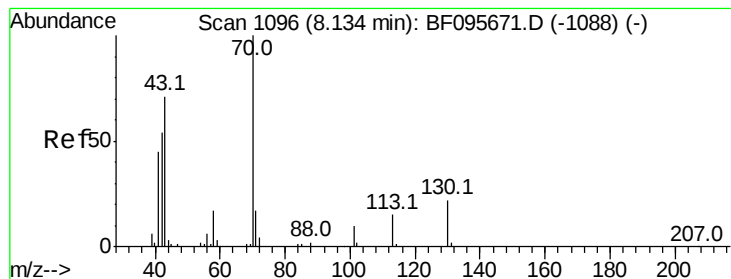


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 53.88 ng

RT: 8.10 min Scan# 1108

Delta R.T. -0.03 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 162305

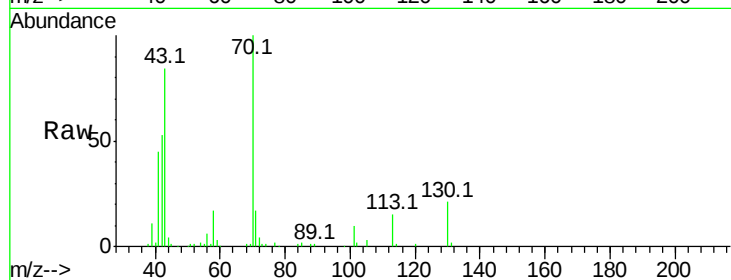
Ion Ratio Lower Upper

70 100

42 53.0 47.2 70.8

101 10.2 7.2 10.8

130 20.7 15.9 23.9

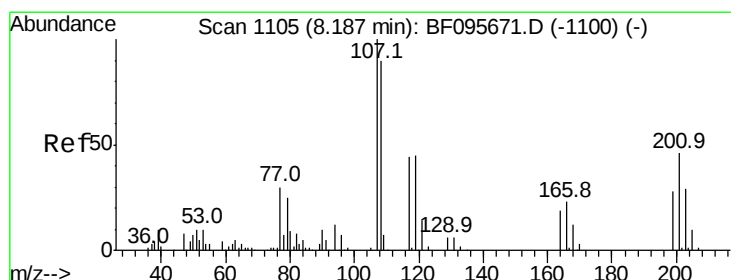
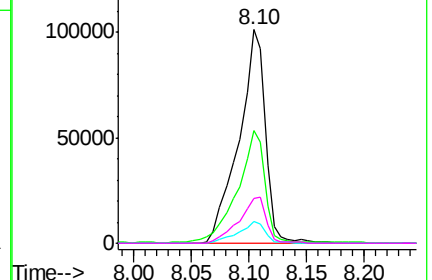
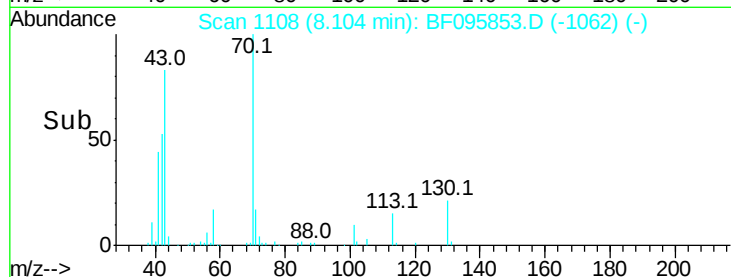


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 57.69 ng

RT: 8.17 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

Tgt Ion: 107 Resp: 259449

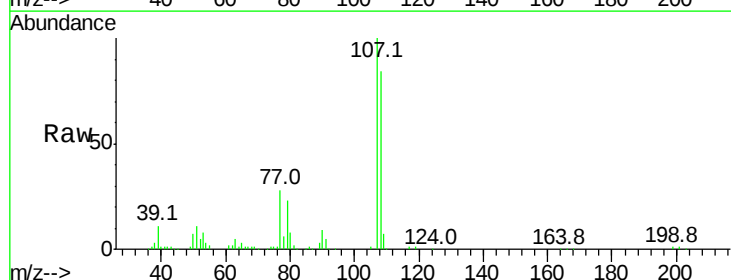
Ion Ratio Lower Upper

107 100

108 84.1 71.0 111.0

77 27.8 90.5 130.5#

79 23.4 8.4 48.4

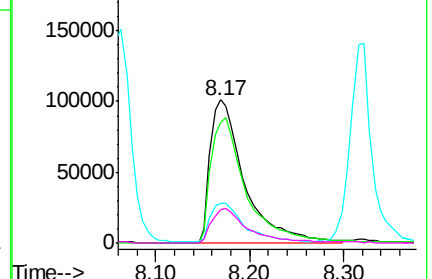
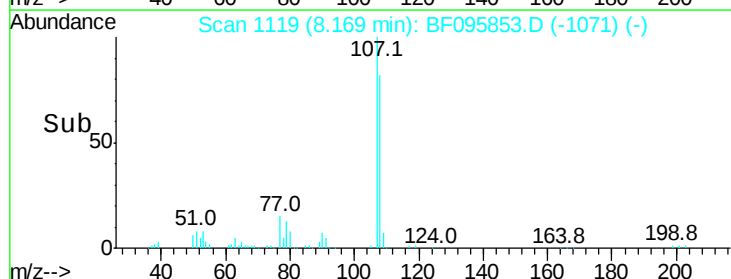


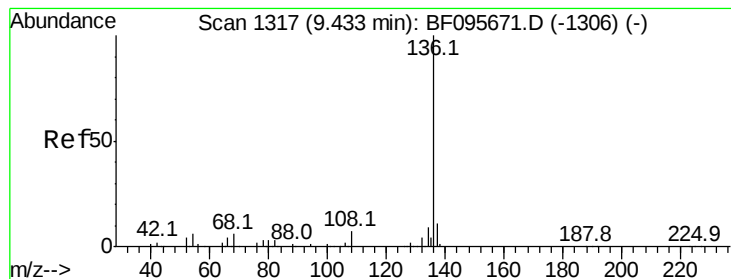
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.40 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 263580

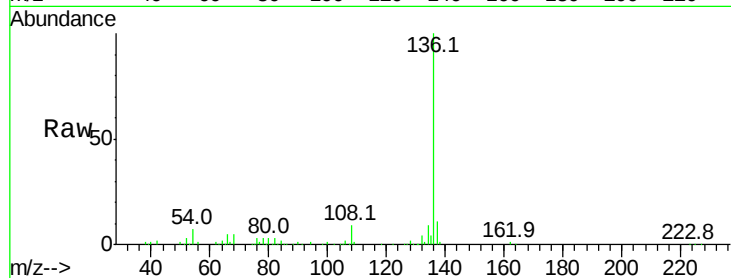
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.0 4.9 7.3

68 5.5 4.1 6.1



Abundance Ion 136.00 (135.70 to 136.70): E

300000 Ion 137.00 (136.70 to 137.70): E

250000 Ion 54.00 (53.70 to 54.70): BF0

200000 Ion 68.00 (67.70 to 68.70): BF0

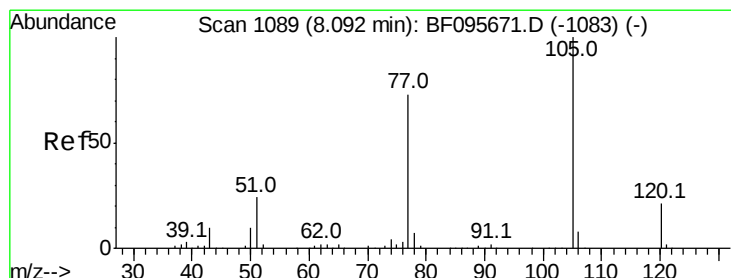
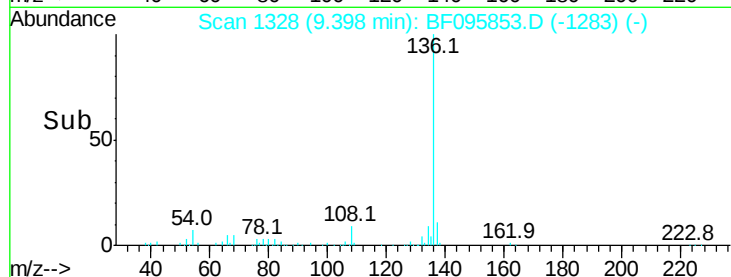
150000

100000

50000

0

Time--> 9.30 9.35 9.40 9.45



#22

Acetophenone

Concen: 53.07 ng

RT: 8.06 min Scan# 1101

Delta R.T. -0.03 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

Tgt Ion:105 Resp: 327422

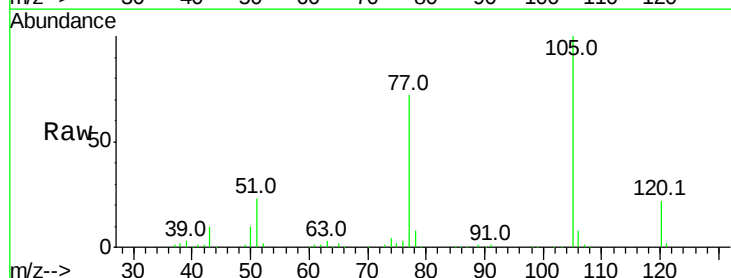
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.2 30.7 46.1#

120 21.8 17.4 26.0



Abundance Ion 105.00 (104.70 to 105.70): E

300000 Ion 71.00 (70.70 to 71.70): BF0

250000 Ion 51.00 (50.70 to 51.70): BF0

200000 Ion 120.00 (119.70 to 120.70): E

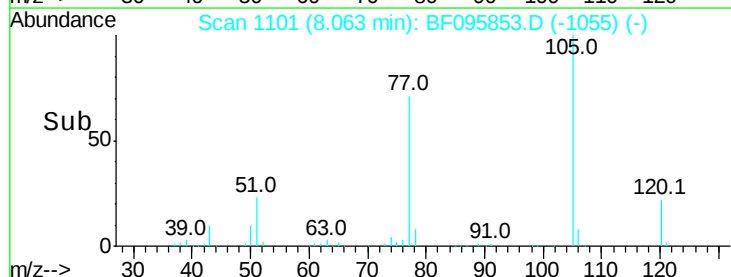
150000

100000

50000

0

Time--> 8.00 8.05 8.10 8.15

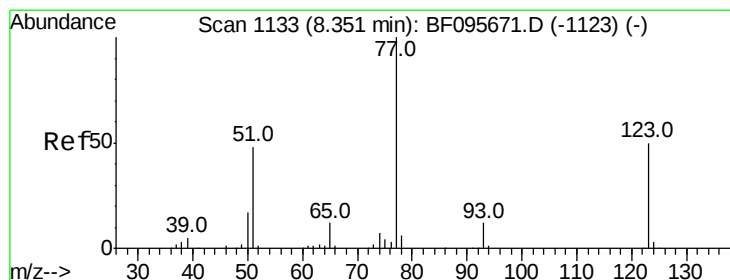
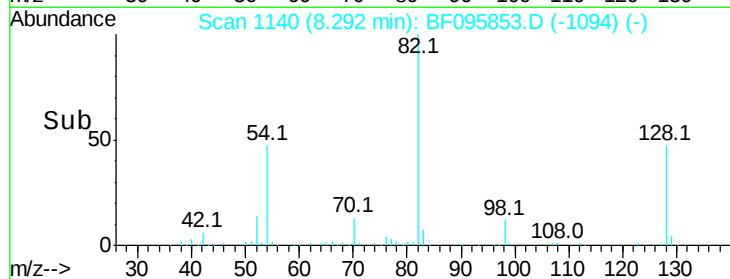
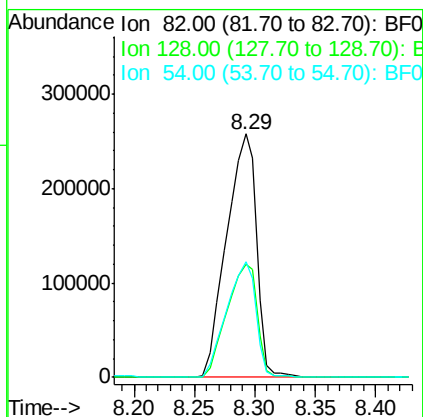
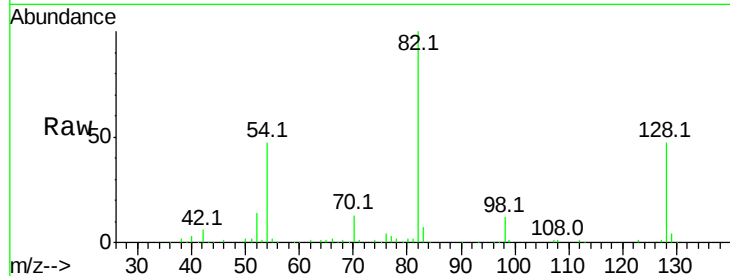




#23
 Nitrobenzene-d5
 Concen: 104.60 ng
 RT: 8.29 min Scan# 1140
 Delta R.T. -0.03 min
 Lab File: BF095853.D
 Acq: 10 Jun 2017 18:03

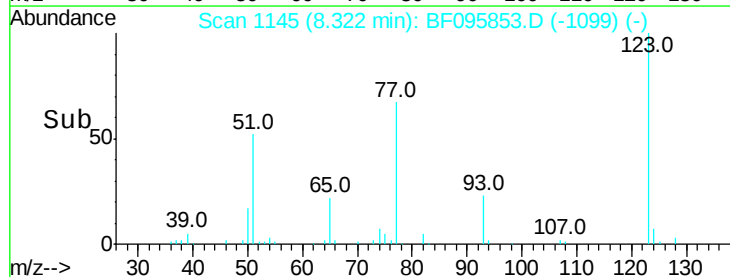
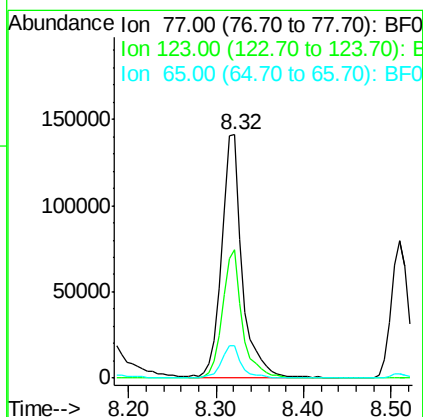
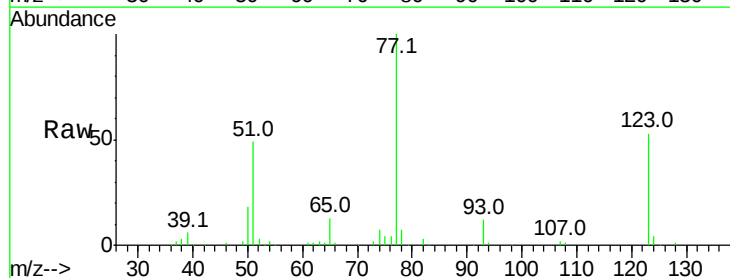
Instrument :
 BNA_F
 ClientSampleId :

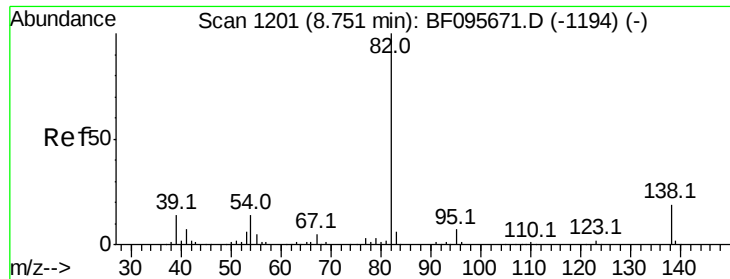
Tot Ion: 82 Resp: 443919
 Ion Ratio Lower Upper
 82 100
 128 46.6 34.0 51.0
 54 47.4 42.2 63.2



#24
 Nitrobenzene
 Concen: 50.98 ng
 RT: 8.32 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF095853.D
 Acq: 10 Jun 2017 18:03

Tgt Ion: 77 Resp: 231124
 Ion Ratio Lower Upper
 77 100
 123 52.9 35.8 53.8
 65 13.1 10.6 15.8





#25

Isophorone

Concen: 51.94 ng

RT: 8.72 min Scan# 1213

Delta R.T. -0.03 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

Instrument :
BNA_F
ClientSampleId :

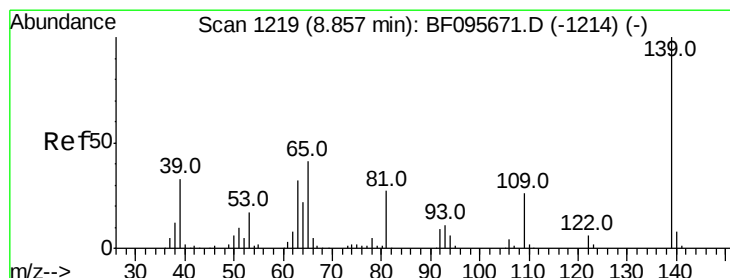
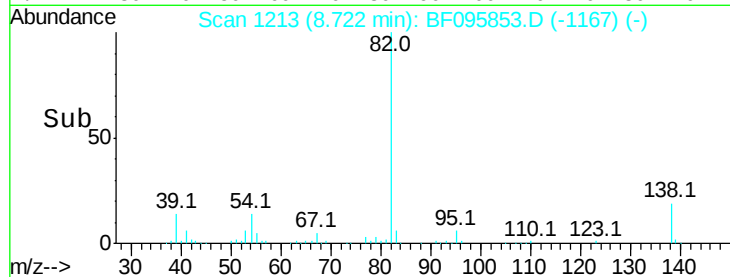
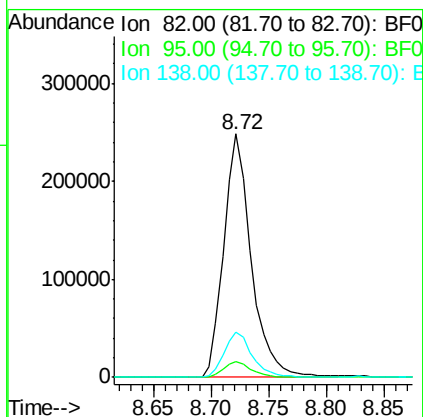
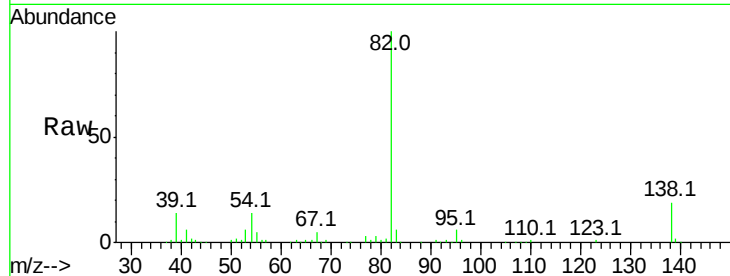
Tot Ion: 82 Resp: 411567

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

138 18.6 13.1 19.7



#26

2-Nitrophenol

Concen: 54.26 ng

RT: 8.83 min Scan# 1231

Delta R.T. -0.03 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

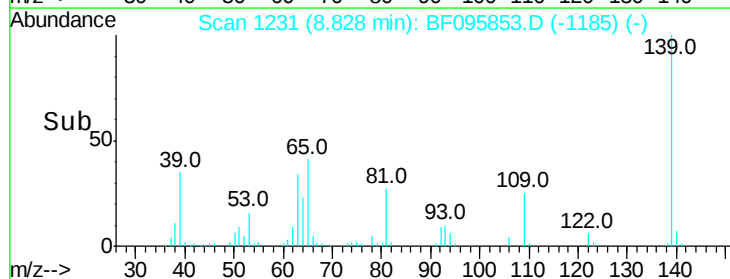
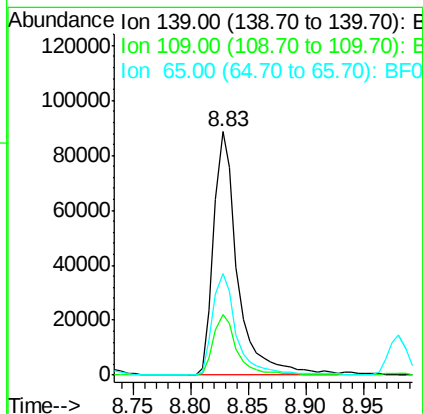
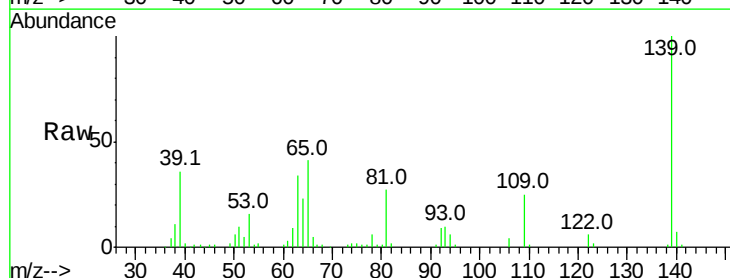
Tgt Ion:139 Resp: 128825

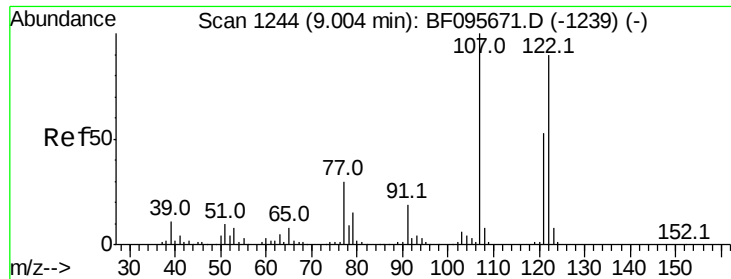
Ion Ratio Lower Upper

139 100

109 25.1 21.0 31.6

65 41.5 33.0 49.6

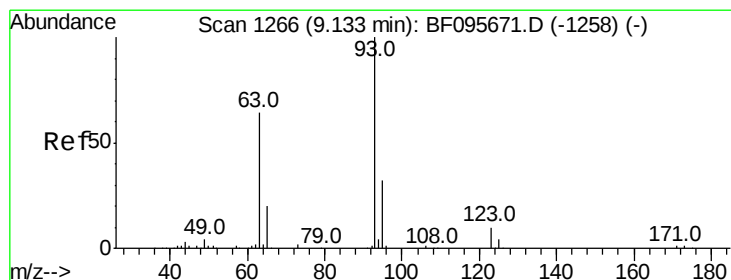
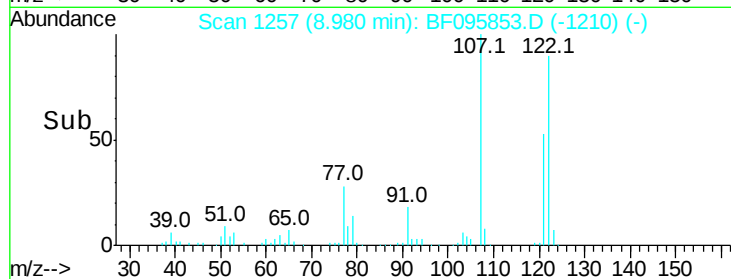
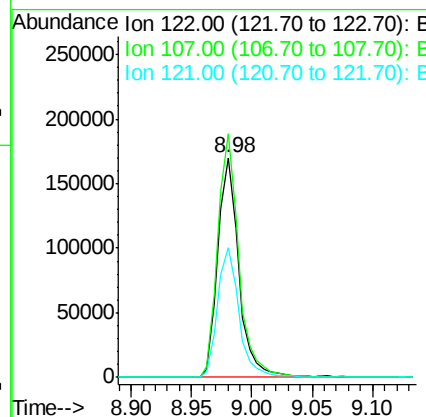
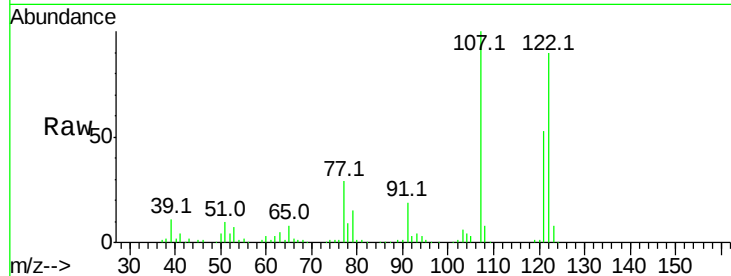




#27
 2,4-Dimethylphenol
 Concen: 55.79 ng
 RT: 8.98 min Scan# 1257
 Delta R.T. -0.02 min
 Lab File: BF095853.D
 Acq: 10 Jun 2017 18:03

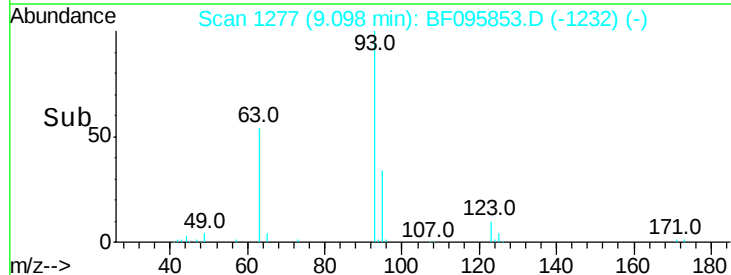
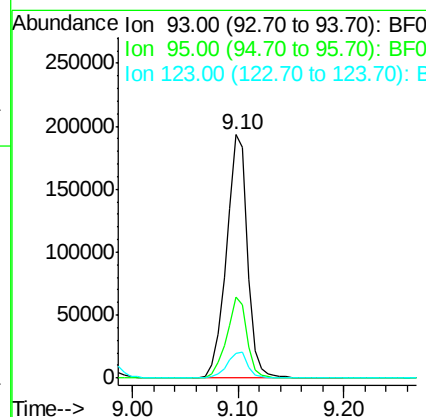
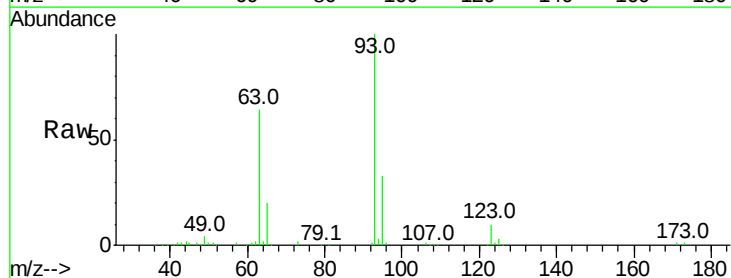
Instrument :
 BNA_F
 ClientSampleId :

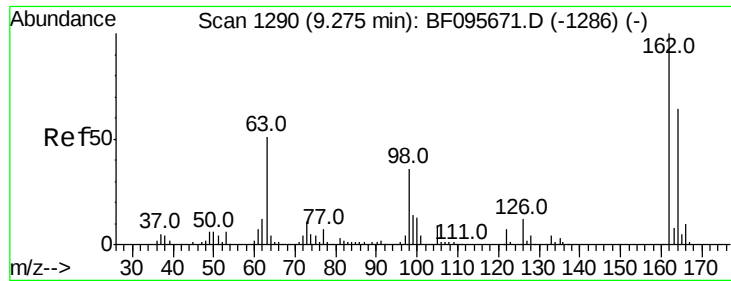
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.8	89.2	133.8
121	58.9	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.24 ng
 RT: 9.10 min Scan# 1277
 Delta R.T. -0.04 min
 Lab File: BF095853.D
 Acq: 10 Jun 2017 18:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.5	39.7
123	10.3	9.0	13.4

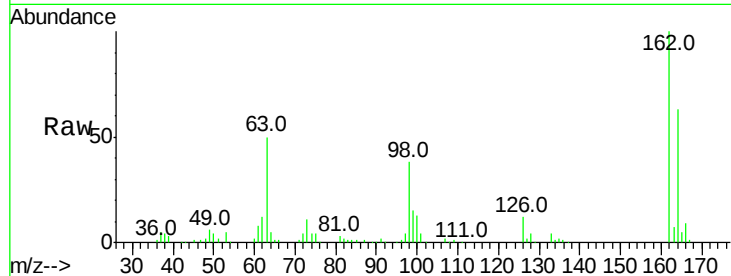




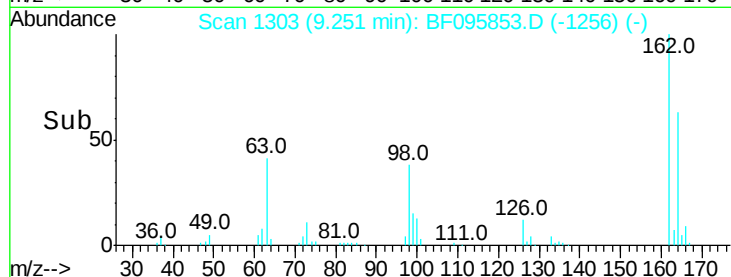
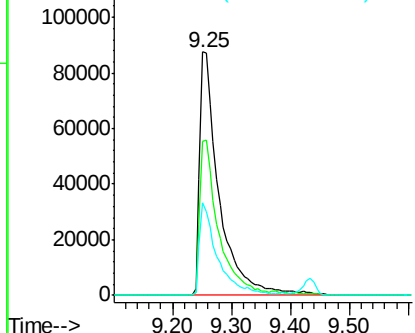
#29
 2,4-Dichlorophenol
 Concen: 56.14 ng
 RT: 9.25 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF095853.D
 Acq: 10 Jun 2017 18:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.6	84.6
98	37.9	14.8	54.8

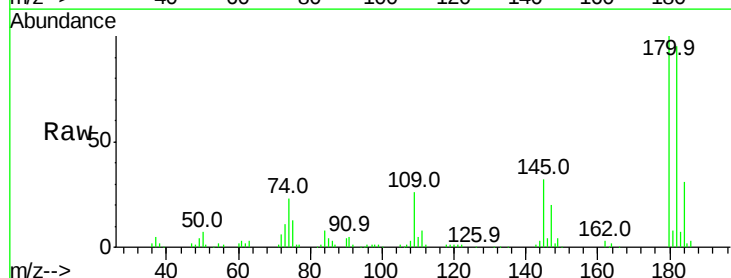


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

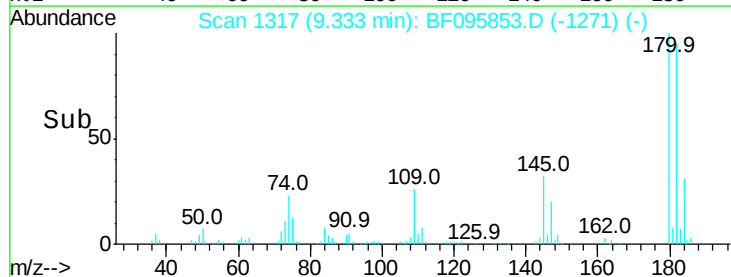
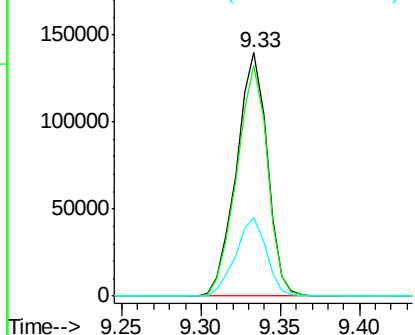


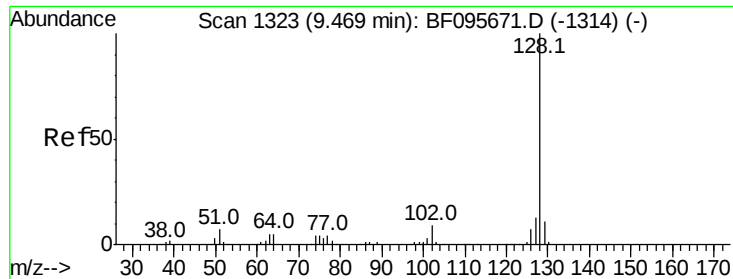
#30
 1,2,4-Trichlorobenzene
 Concen: 51.12 ng
 RT: 9.33 min Scan# 1317
 Delta R.T. -0.03 min
 Lab File: BF095853.D
 Acq: 10 Jun 2017 18:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.8	113.6
145	32.3	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

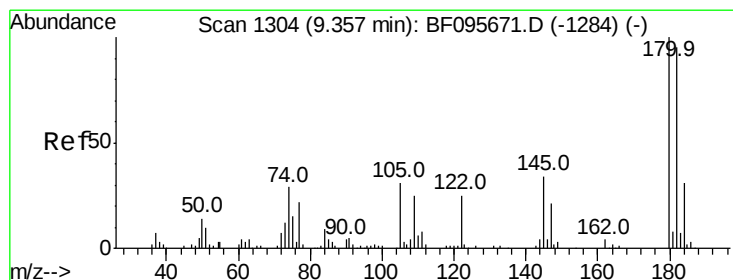
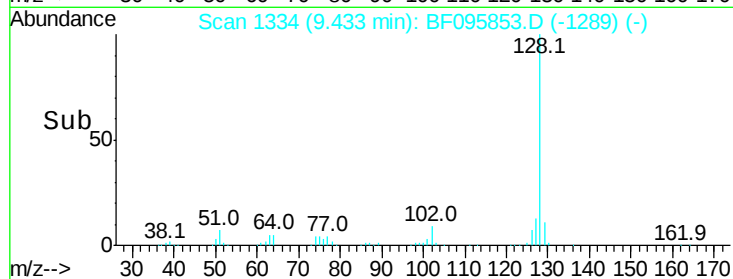
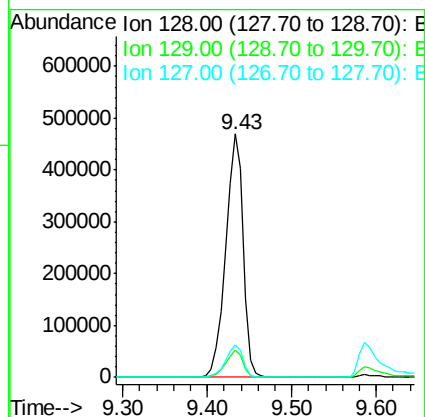
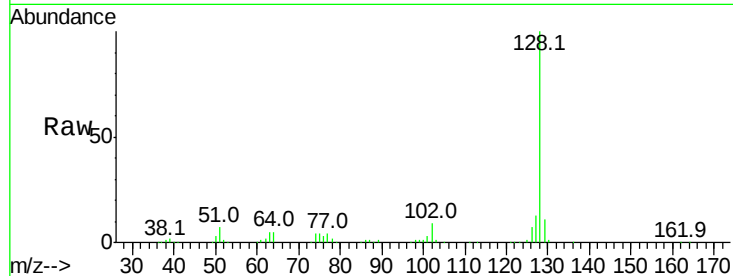




#31
Naphthalene
Concen: 50.37 ng
RT: 9.43 min Scan# 1334
Delta R.T. -0.04 min
Lab File: BF095853.D
Acq: 10 Jun 2017 18:03

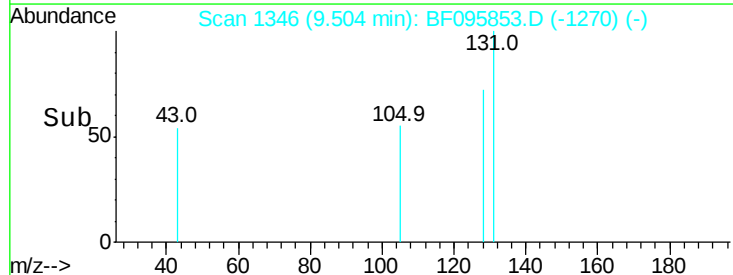
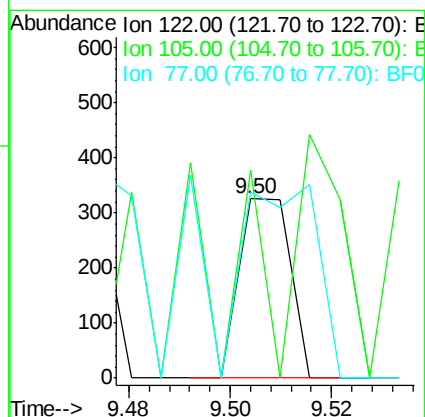
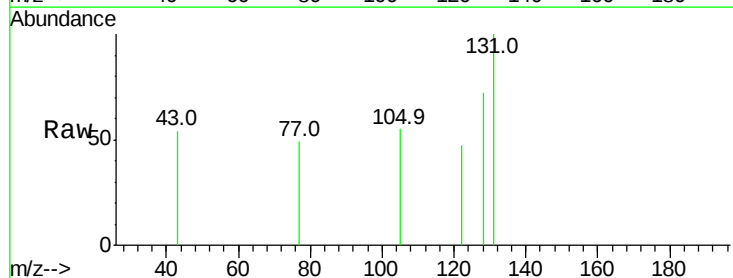
Instrument :
BNA_F
ClientSampleId :

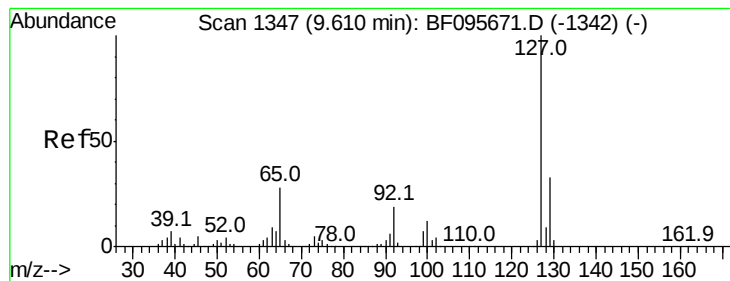
Tot Ion:128 Resp: 666352
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 5.21 ng
RT: 9.50 min Scan# 1346
Delta R.T. 0.15 min
Lab File: BF095853.D
Acq: 10 Jun 2017 18:03

Tgt Ion:122 Resp: 230
Ion Ratio Lower Upper
122 100
105 116.0 103.3 143.3
77 104.0 73.7 113.7





#33

4-Chloroaniline

Concen: 26.22 ng

RT: 9.59 min Scan# 1360

Delta R.T. -0.02 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 135575

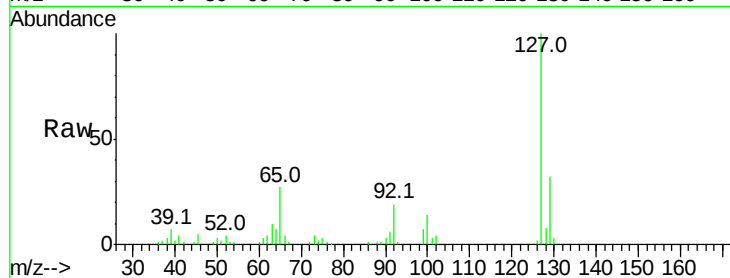
Ion Ratio Lower Upper

127 100

129 31.9 26.2 39.2

65 27.3 27.8 41.8#

92 18.7 16.8 25.2

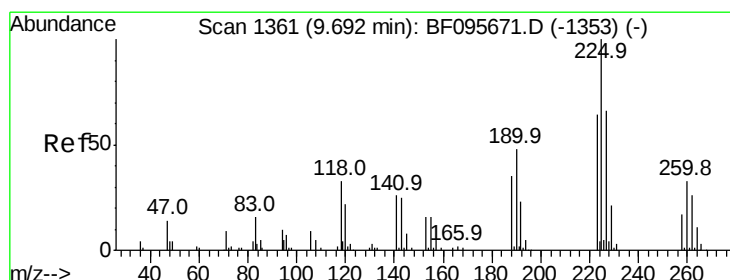
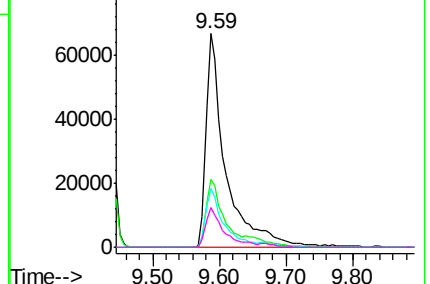
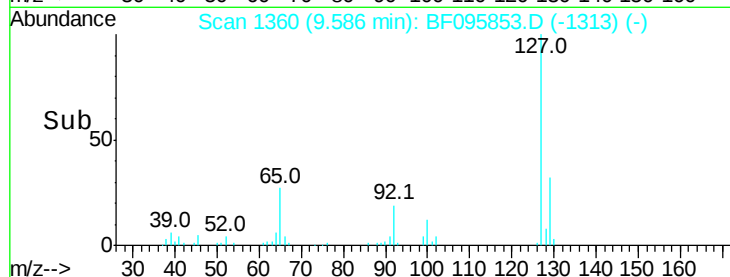


Abundance Ion 127.00 (126.70 to 127.70): E

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: 47.97 ng

RT: 9.66 min Scan# 1372

Delta R.T. -0.04 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

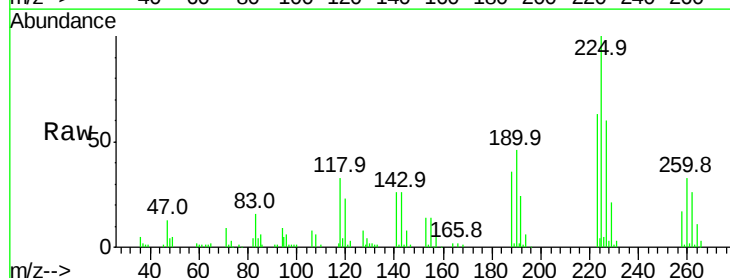
Tgt Ion:225 Resp: 91507

Ion Ratio Lower Upper

225 100

223 63.5 48.8 73.2

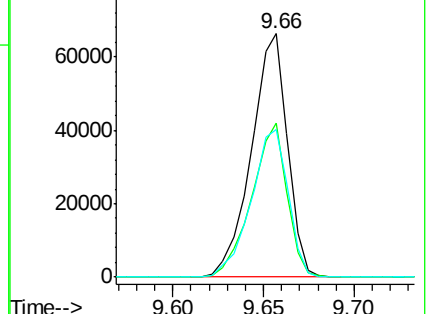
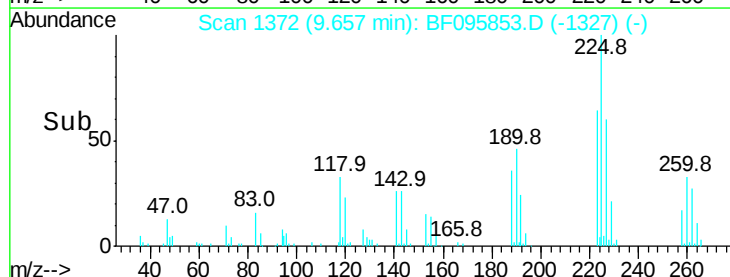
227 60.4 51.1 76.7

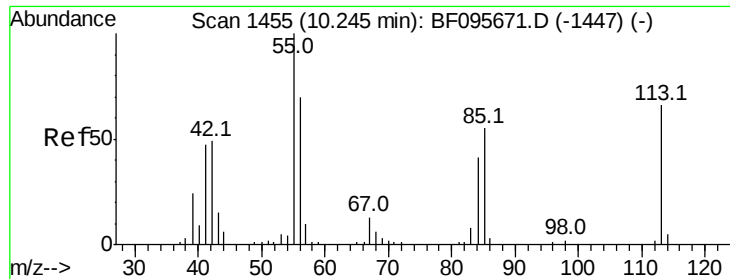


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 31.66 ng

RT: 10.23 min Scan# 1469

Delta R.T. -0.02 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

Instrument :

BNA_F

ClientSampleId :

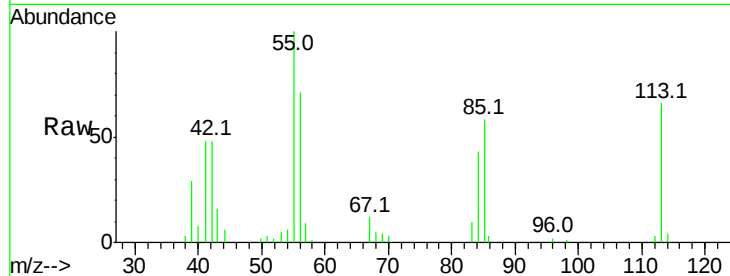
Tot Ion:113 Resp: 33422

Ion Ratio Lower Upper

113 100

55 152.1 150.2 190.2

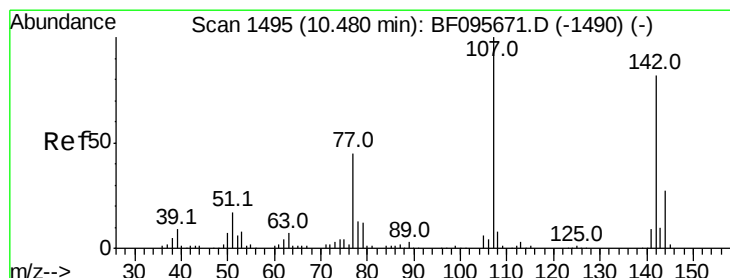
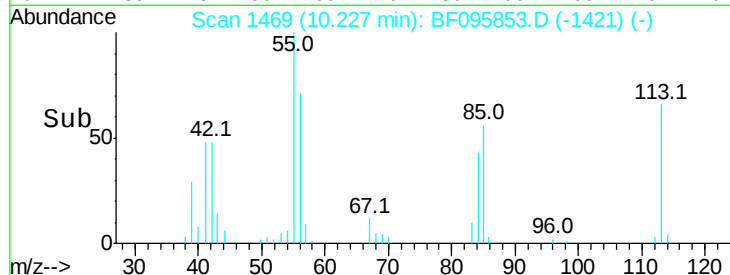
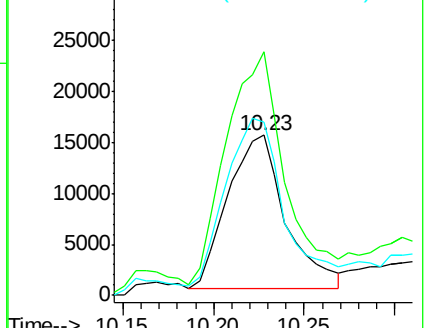
56 108.4 107.8 147.8



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: 55.20 ng

RT: 10.47 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

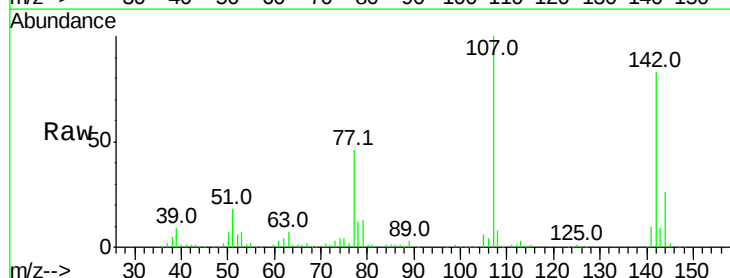
Tgt Ion:107 Resp: 205025

Ion Ratio Lower Upper

107 100

144 25.8 24.2 36.4

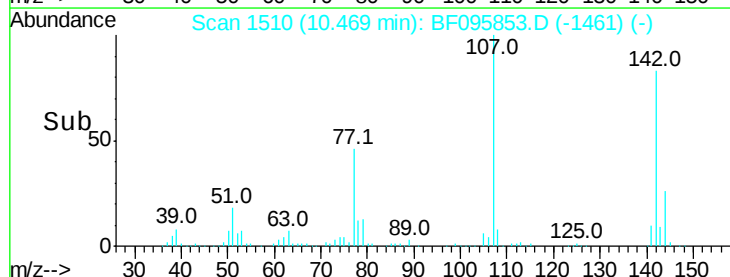
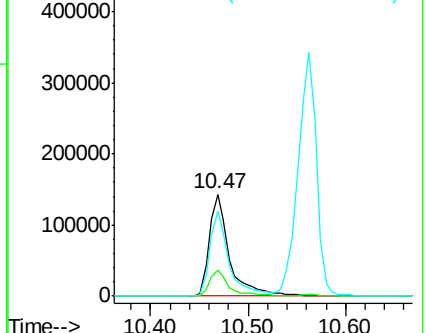
142 83.1 73.4 110.0

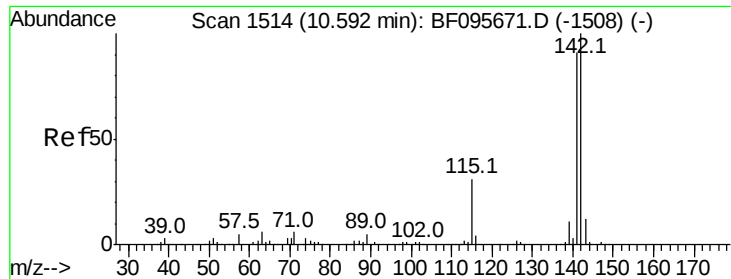


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

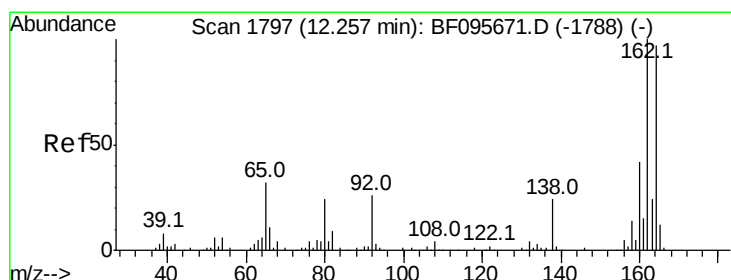
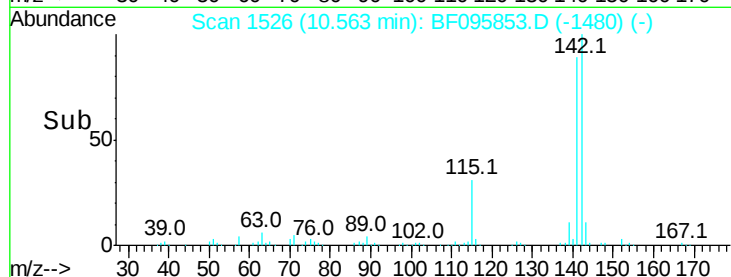
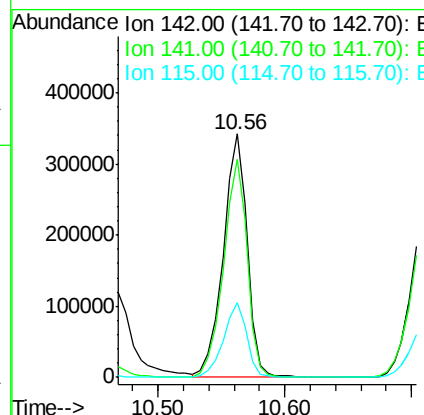
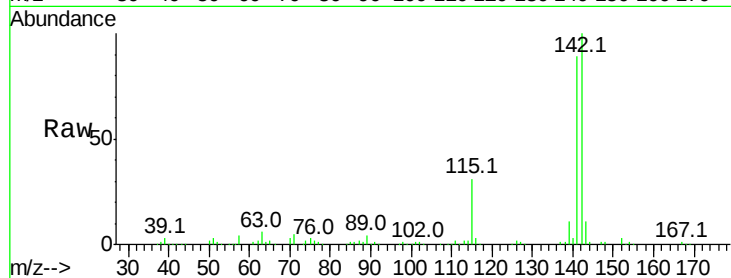




#37
2-Methylnaphthalene
Concen: 50.26 ng
RT: 10.56 min Scan# 1526
Delta R.T. -0.03 min
Lab File: BF095853.D
Acq: 10 Jun 2017 18:03

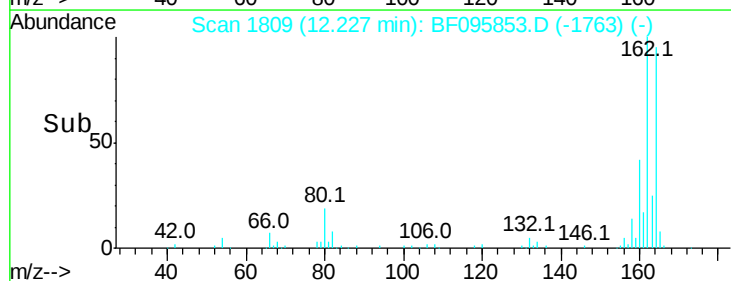
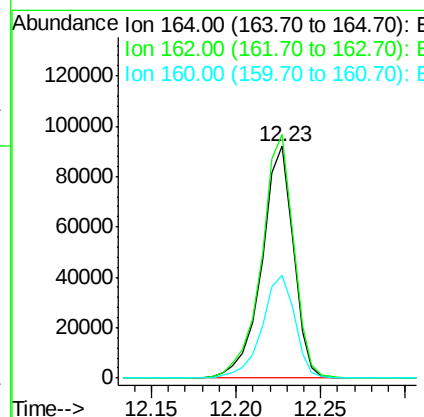
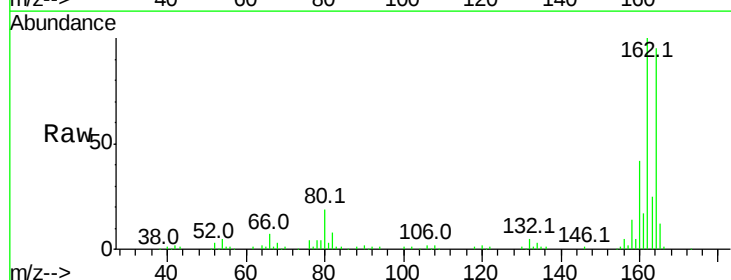
Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 449183
Ion Ratio Lower Upper
142 100
141 89.4 71.3 106.9
115 30.7 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.23 min Scan# 1809
Delta R.T. -0.03 min
Lab File: BF095853.D
Acq: 10 Jun 2017 18:03

Tgt Ion:164 Resp: 120243
Ion Ratio Lower Upper
164 100
162 105.2 82.6 123.8
160 44.4 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.25 ng

RT: 10.85 min Scan# 1574

Delta R.T. -0.03 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 173646

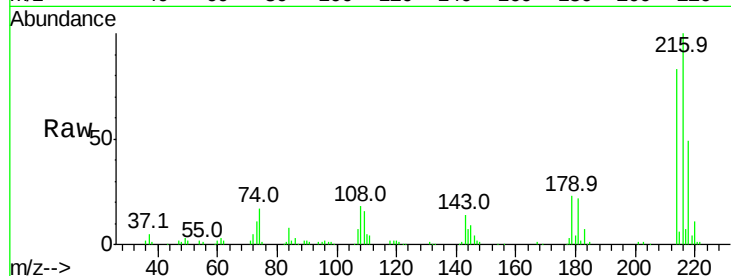
Ion Ratio Lower Upper

216 100

214 79.8 63.4 95.2

179 22.2 17.9 26.9

108 19.7 16.5 24.7

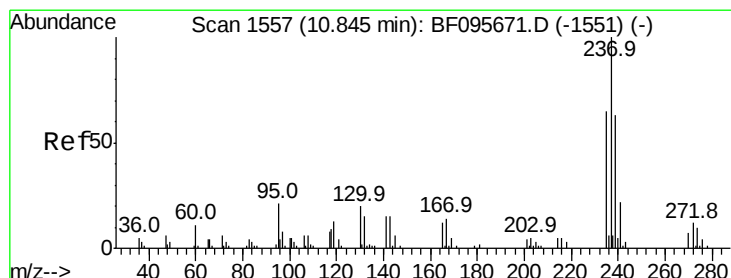
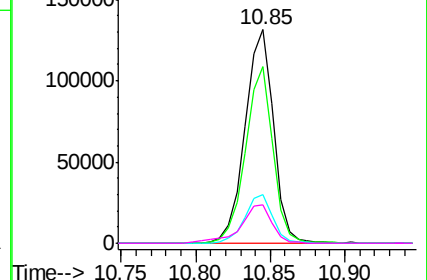
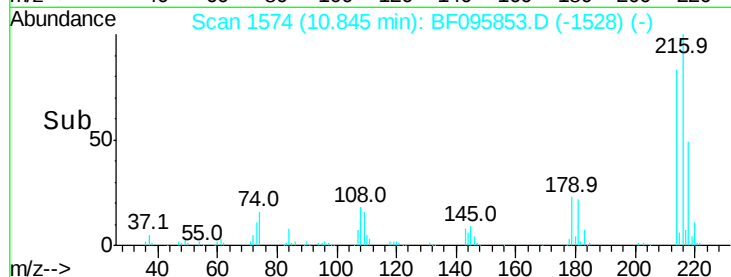


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 72.31 ng

RT: 10.82 min Scan# 1569

Delta R.T. -0.03 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

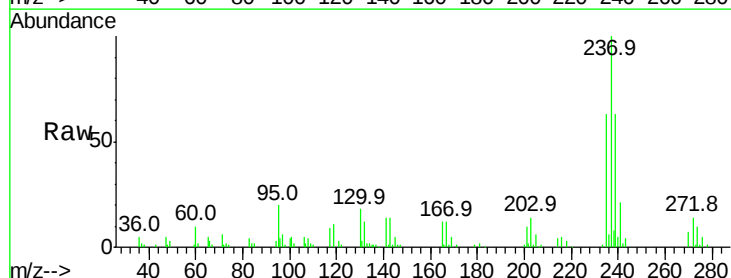
Tgt Ion:237 Resp: 80152

Ion Ratio Lower Upper

237 100

235 62.8 42.6 82.6

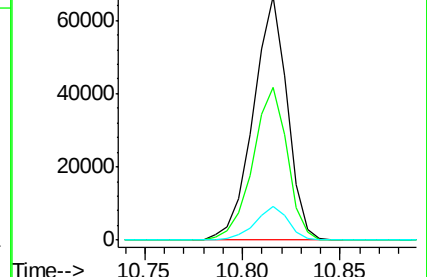
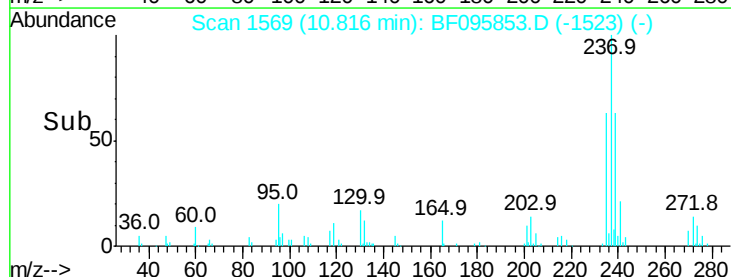
272 13.6 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

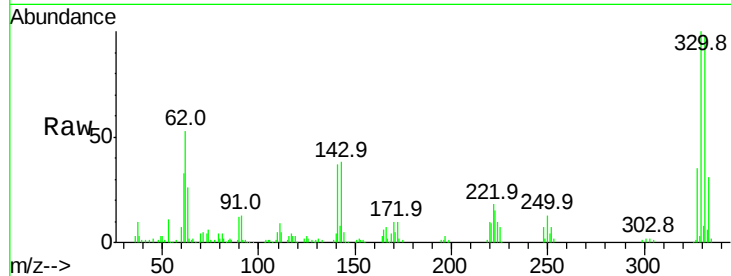




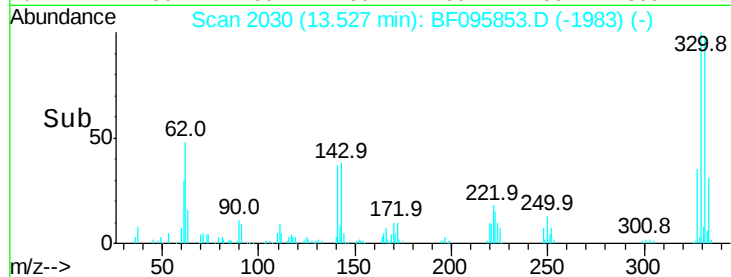
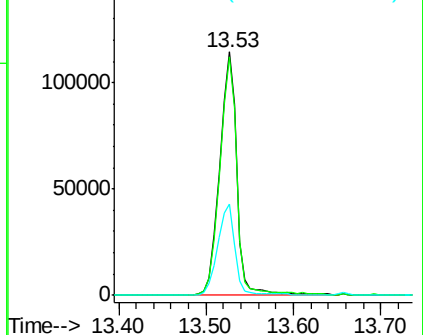
#41
 2,4,6-Tribromophenol
 Concen: 148.03 ng
 RT: 13.53 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BF095853.D
 Acq: 10 Jun 2017 18:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 157487
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 37.9 31.4 47.2

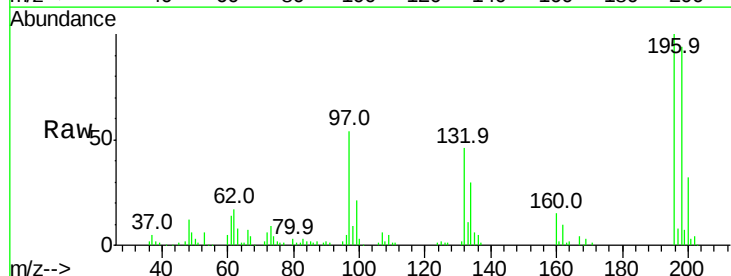


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

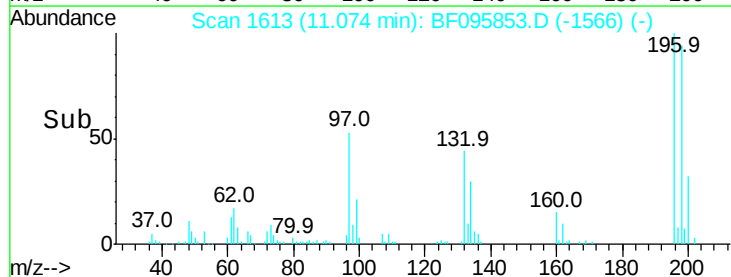
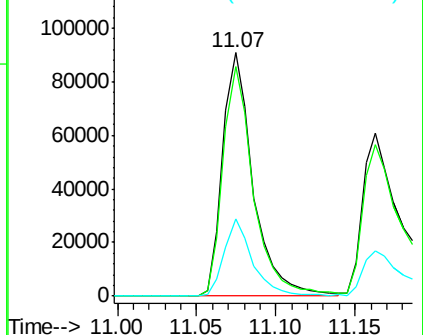


#42
 2,4,6-Trichlorophenol
 Concen: 52.73 ng
 RT: 11.07 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BF095853.D
 Acq: 10 Jun 2017 18:03

Tgt Ion:196 Resp: 122006
 Ion Ratio Lower Upper
 196 100
 198 94.5 74.2 111.4
 200 31.7 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

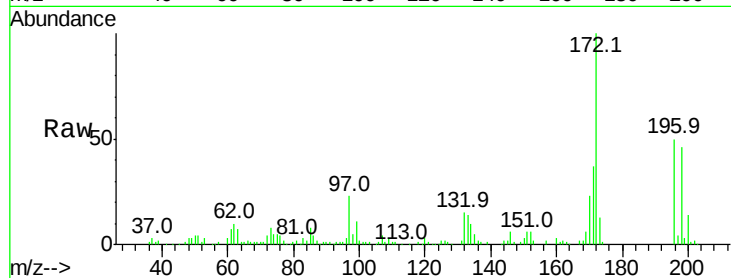




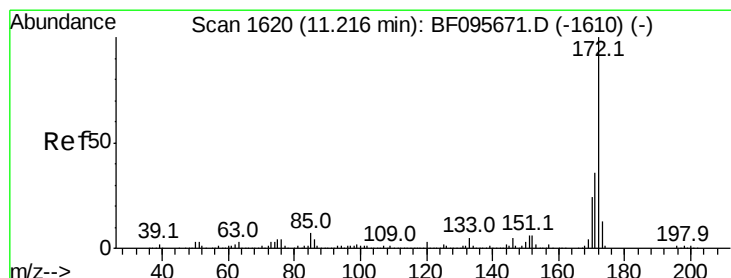
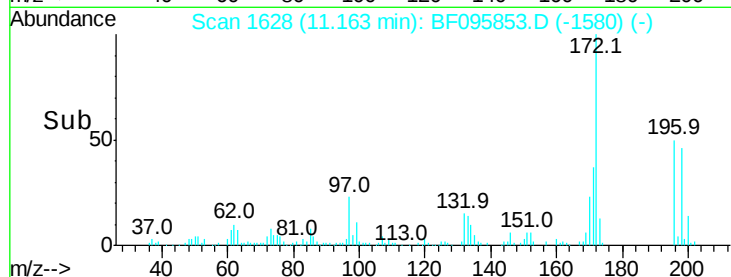
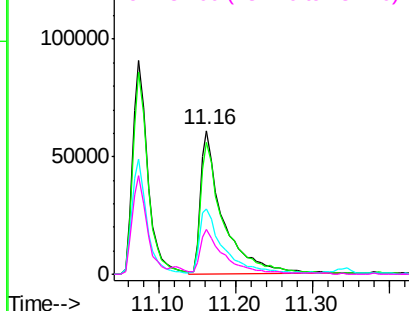
#43
 2,4,5-Trichlorophenol
 Concen: 49.47 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF095853.D
 Acq: 10 Jun 2017 18:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.4	75.7	113.5
97	45.7	47.7	71.5#
132	30.9	28.0	42.0

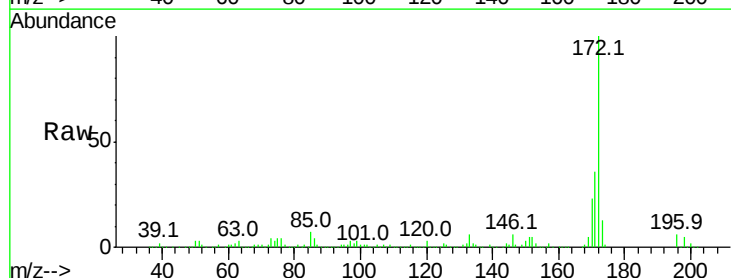


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

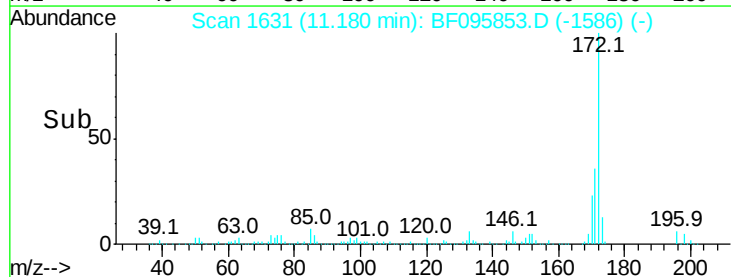
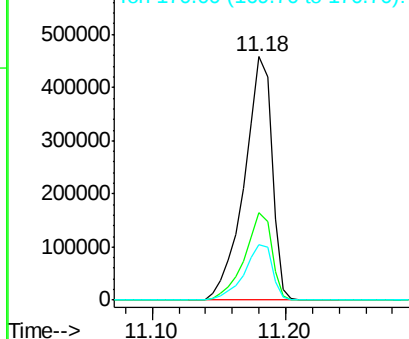


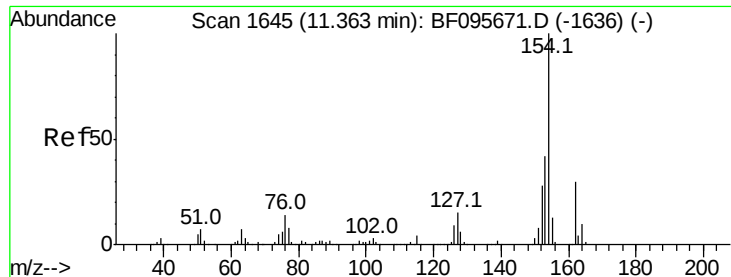
#44
 2-Fluorobiphenyl
 Concen: 75.37 ng
 RT: 11.18 min Scan# 1631
 Delta R.T. -0.04 min
 Lab File: BF095853.D
 Acq: 10 Jun 2017 18:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.0	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: 49.63 ng

RT: 11.33 min Scan# 1657

Delta R.T. -0.03 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

Instrument :

BNA_F

ClientSampleId :

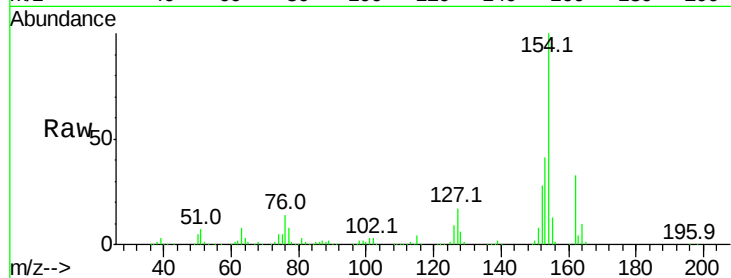
Tot Ion:154 Resp: 491894

Ion Ratio Lower Upper

154 100

153 40.7 21.2 61.2

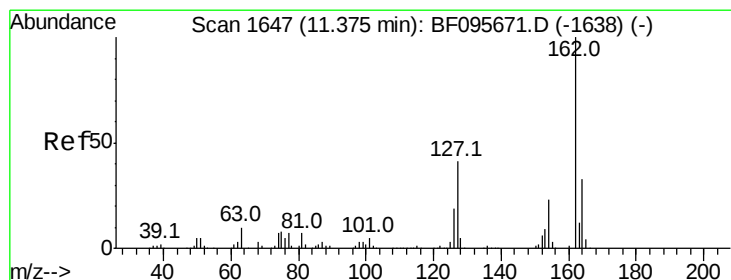
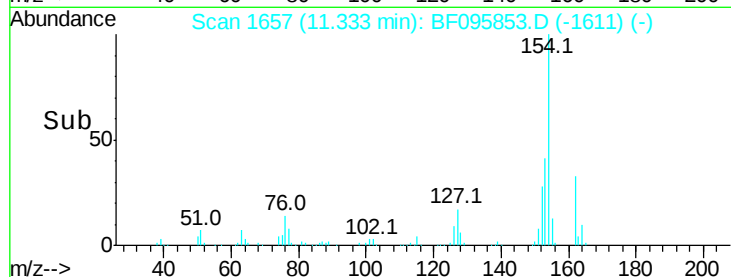
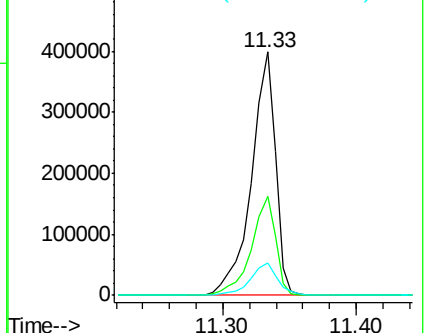
76 13.6 0.0 29.9



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: 50.56 ng

RT: 11.35 min Scan# 1659

Delta R.T. -0.03 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

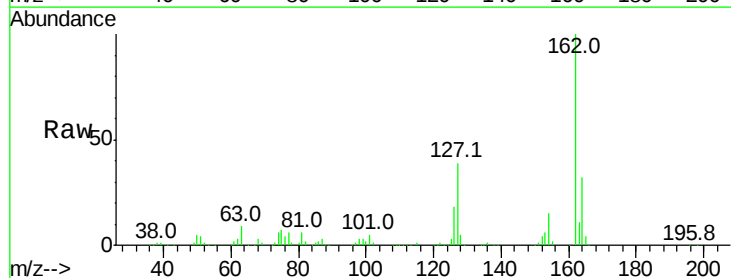
Tgt Ion:162 Resp: 391508

Ion Ratio Lower Upper

162 100

127 38.9 28.3 42.5

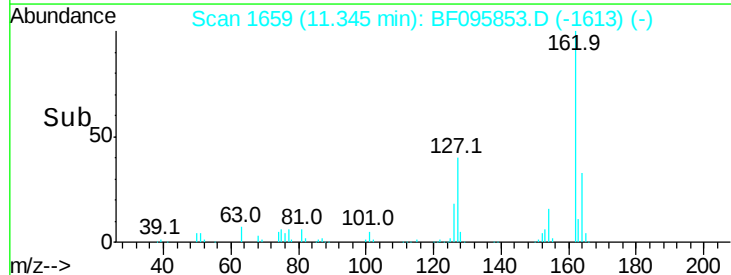
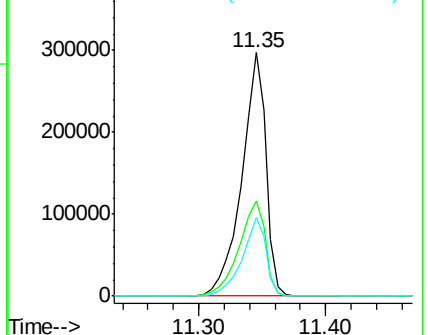
164 32.2 27.0 40.4



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

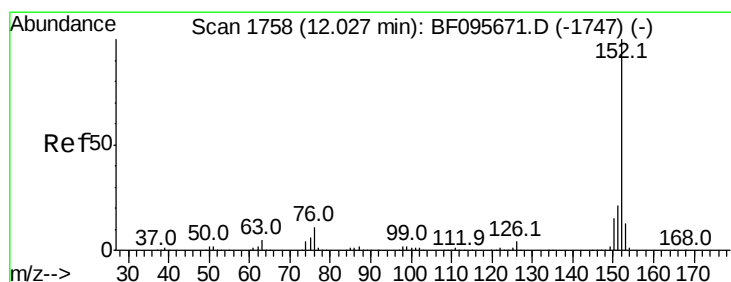
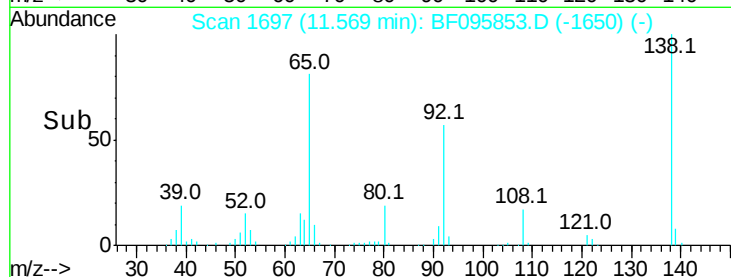
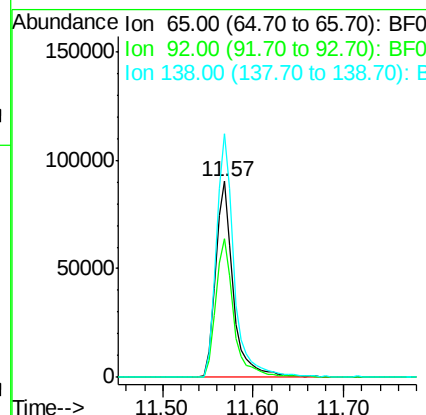
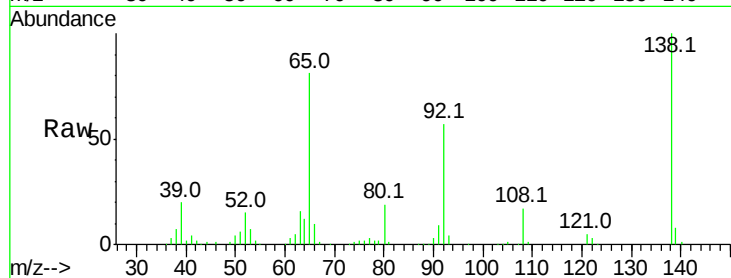




#47
2-Nitroaniline
Concen: 54.65 ng
RT: 11.57 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BF095853.D
Acq: 10 Jun 2017 18:03

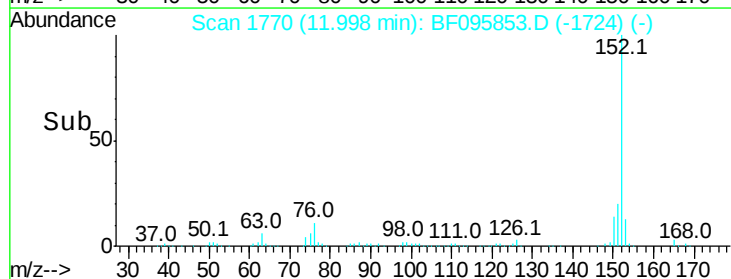
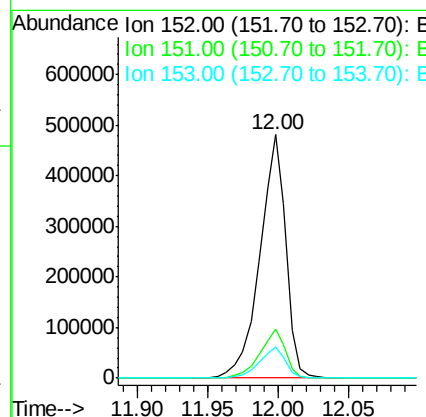
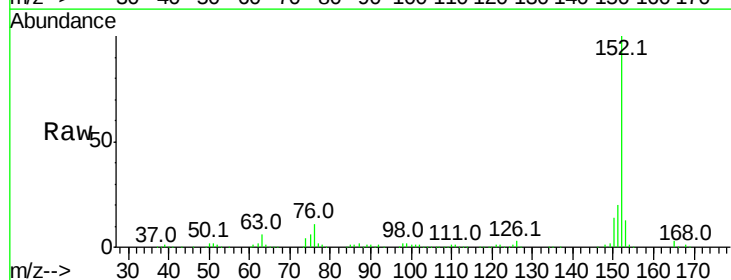
Instrument :
BNA_F
ClientSampled :

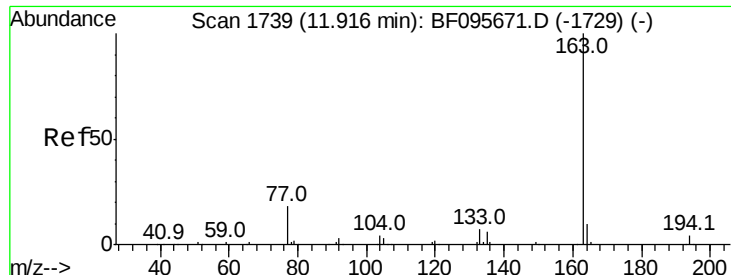
Tot Ion: 65 Resp: 123837
Ion Ratio Lower Upper
65 100
92 70.8 53.9 80.9
138 124.2 78.8 118.2#



#48
Acenaphthylene
Concen: 47.07 ng
RT: 12.00 min Scan# 1770
Delta R.T. -0.03 min
Lab File: BF095853.D
Acq: 10 Jun 2017 18:03

Tgt Ion:152 Resp: 623223
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 12.9 10.8 16.2





#49

Dimethylphthalate

Concen: 73.53 ng

RT: 11.89 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

Instrument :

BNA_F

ClientSampleId :

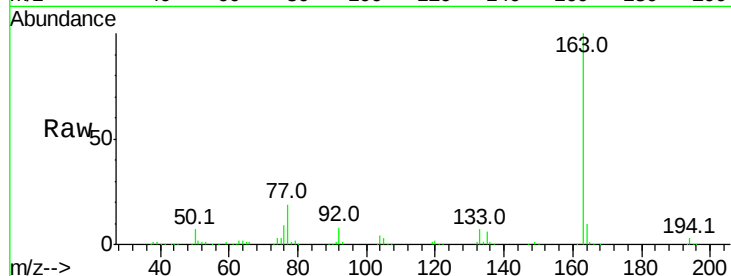
Tot Ion:163 Resp: 671328

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

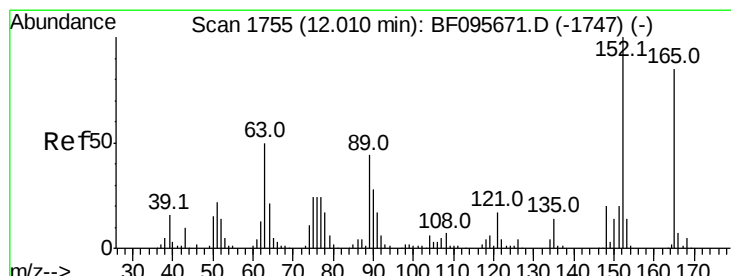
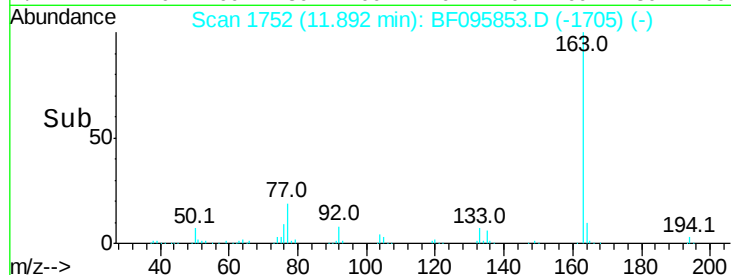
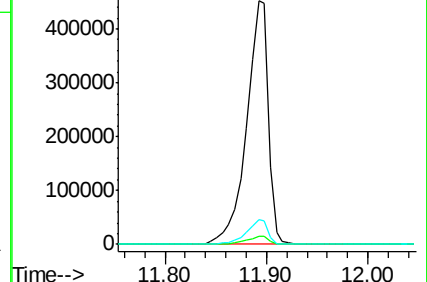
164 10.2 8.4 12.6



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: 52.15 ng

RT: 11.99 min Scan# 1768

Delta R.T. -0.02 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

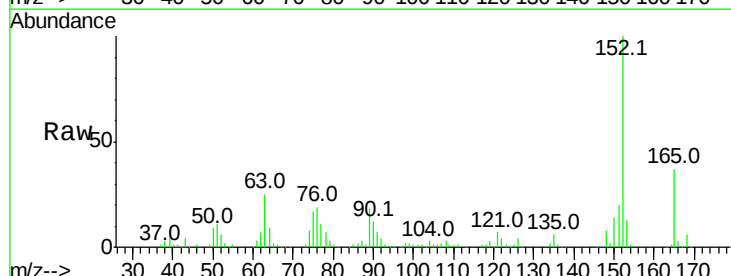
Tgt Ion:165 Resp: 103846

Ion Ratio Lower Upper

165 100

63 68.4 34.3 51.5#

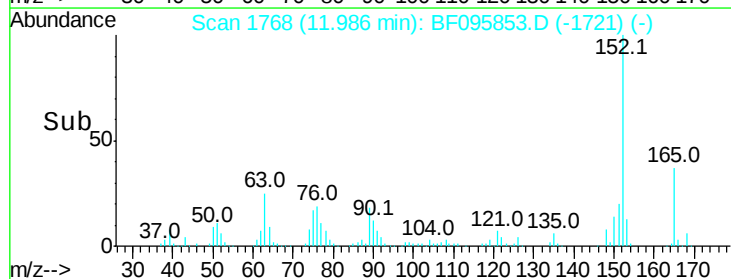
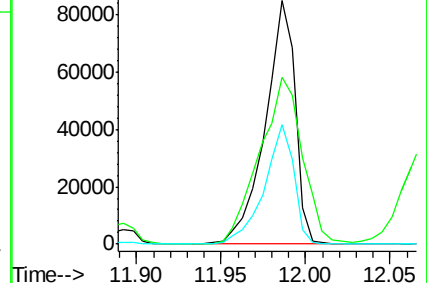
89 49.2 37.1 55.7



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: 47.78 ng

RT: 12.28 min Scan# 1818

Delta R.T. -0.04 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

Instrument :

BNA_F

ClientSampleId :

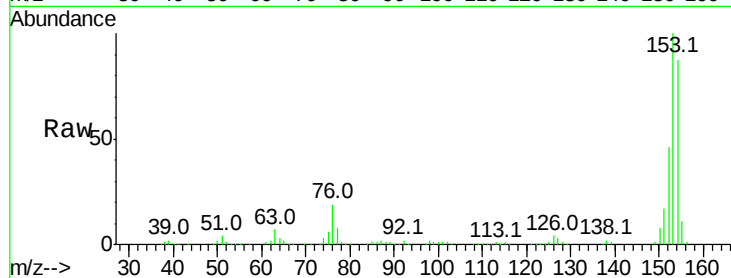
Tot Ion:154 Resp: 365407

Ion Ratio Lower Upper

154 100

153 115.2 90.5 135.7

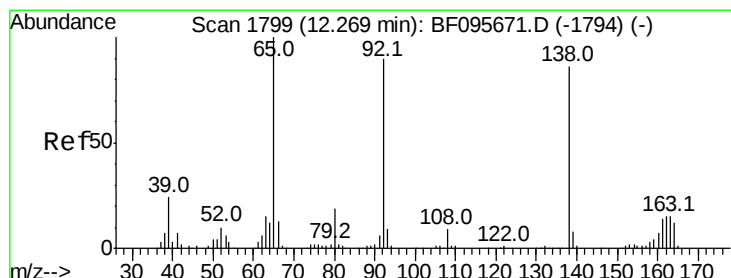
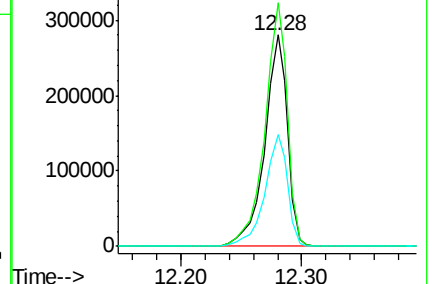
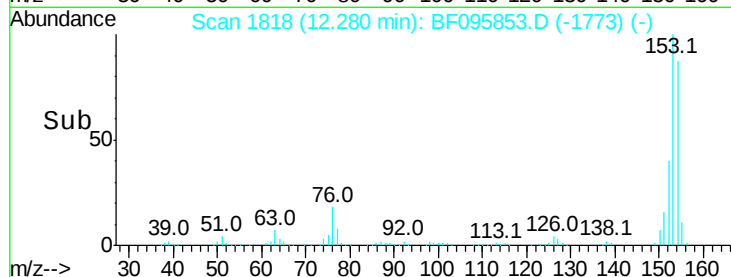
152 52.7 43.6 65.4



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: 35.52 ng

RT: 12.24 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

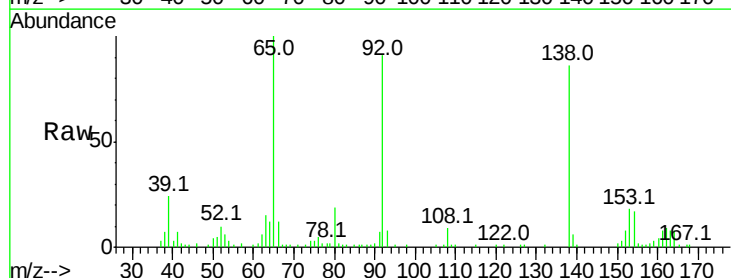
Tgt Ion:138 Resp: 82402

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

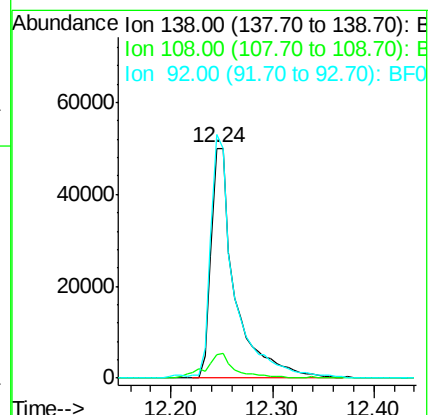
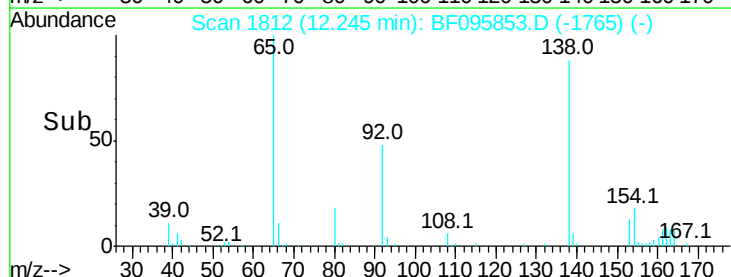
92 105.9 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

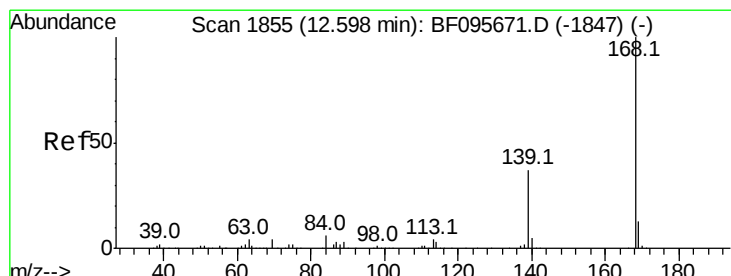
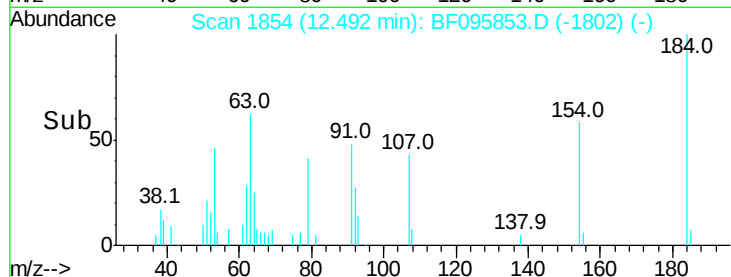
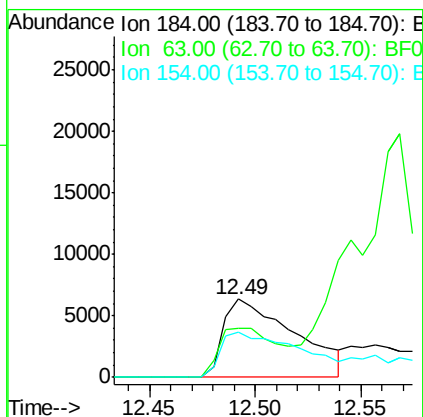
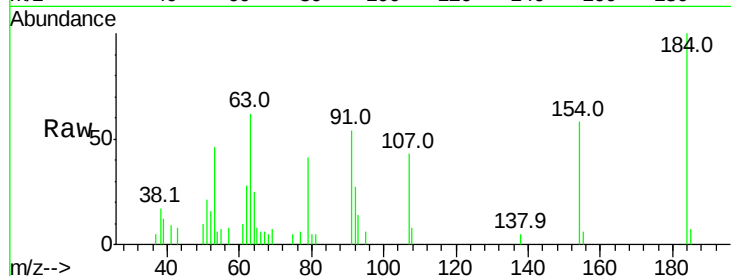




#53
 2,4-Dinitrophenol
 Concen: 18.64 ng
 RT: 12.49 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: BF095853.D
 Acq: 10 Jun 2017 18:03

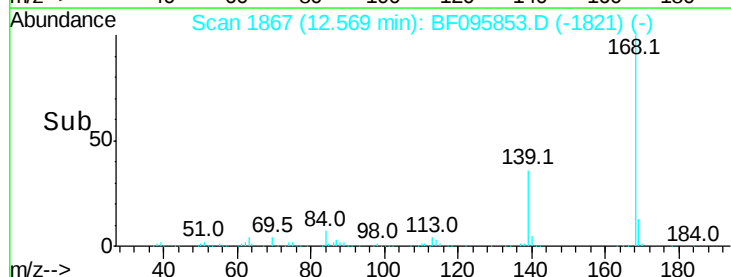
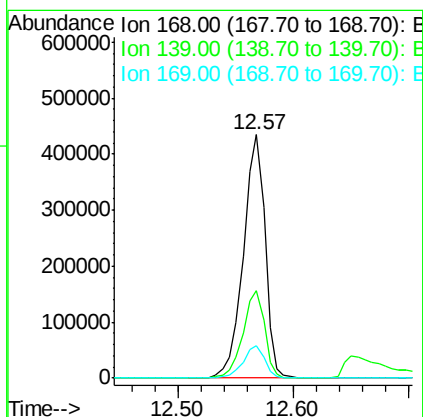
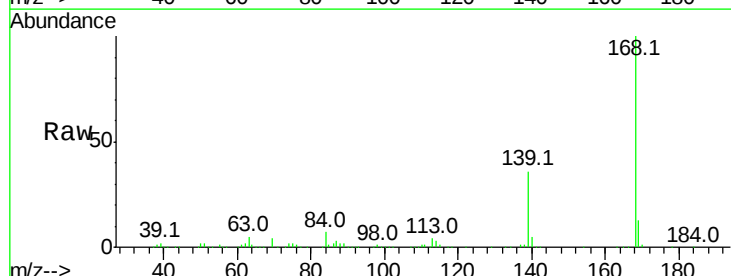
Instrument :
 BNA_F
 ClientSampled :

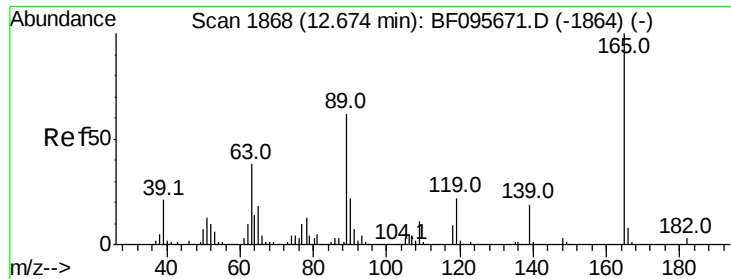
Tot Ion:184 Resp: 14927
 Ion Ratio Lower Upper
 184 100
 63 62.2 62.7 94.1#
 154 57.9 81.1 121.7#



#54
 Dibenzofuran
 Concen: 52.53 ng
 RT: 12.57 min Scan# 1867
 Delta R.T. -0.03 min
 Lab File: BF095853.D
 Acq: 10 Jun 2017 18:03

Tgt Ion:168 Resp: 565405
 Ion Ratio Lower Upper
 168 100
 139 36.1 30.6 45.8
 169 13.5 10.8 16.2

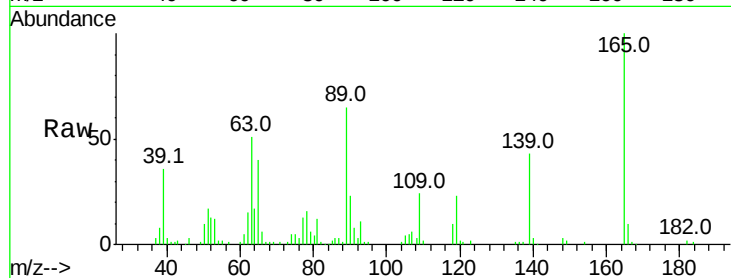




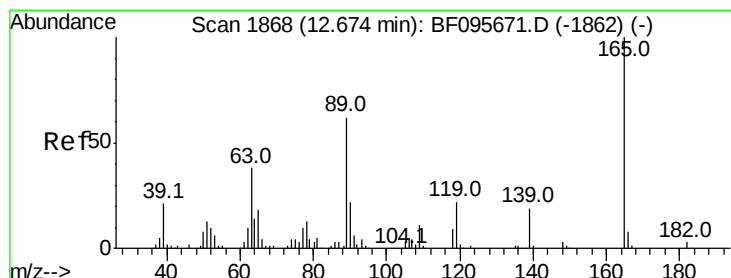
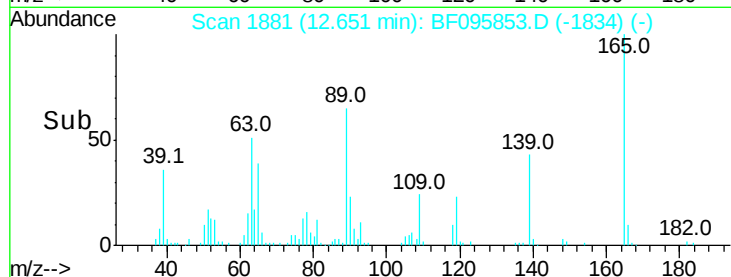
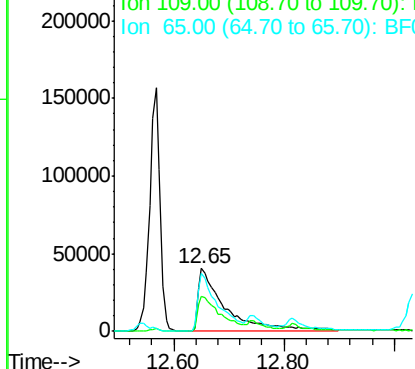
#55
4-Nitrophenol
Concen: 101.83 ng
RT: 12.65 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BF095853.D
Acq: 10 Jun 2017 18:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 139752
Ion Ratio Lower Upper
139 100
109 55.9 34.1 74.1
65 91.8 31.4 71.4#

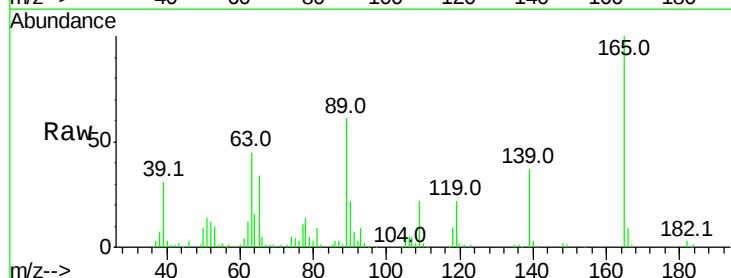


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

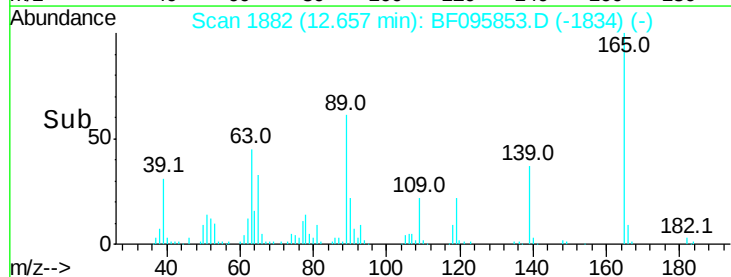
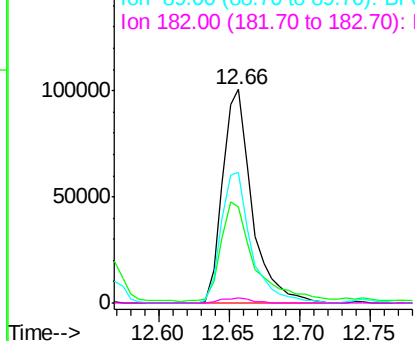


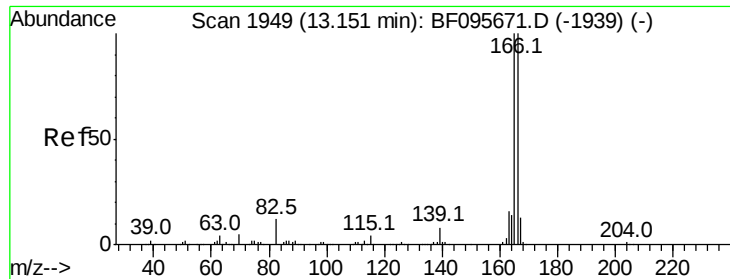
#56
2,4-Dinitrotoluene
Concen: 54.07 ng
RT: 12.66 min Scan# 1882
Delta R.T. -0.02 min
Lab File: BF095853.D
Acq: 10 Jun 2017 18:03

Tgt Ion:165 Resp: 145438
Ion Ratio Lower Upper
165 100
63 45.2 25.4 38.0#
89 61.1 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: 47.99 ng

RT: 13.12 min Scan# 1961

Delta R.T. -0.03 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

Instrument :

BNA_F

ClientSampleId :

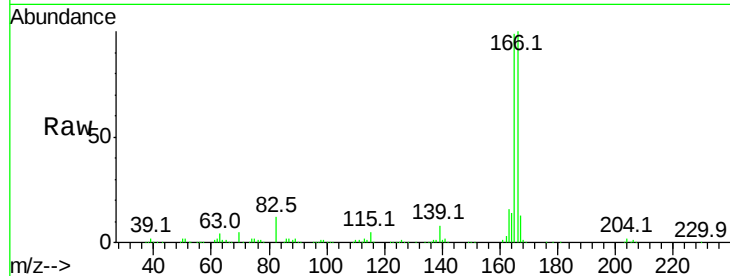
Tot Ion:166 Resp: 449450

Ion Ratio Lower Upper

166 100

165 98.8 78.8 118.2

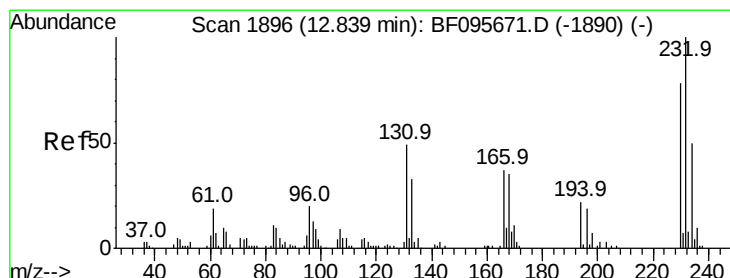
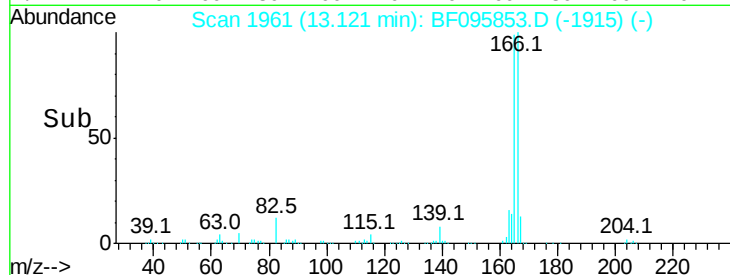
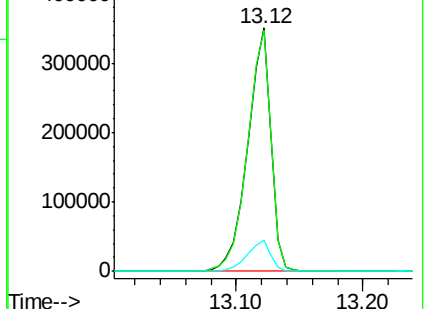
167 12.7 10.6 16.0



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: 55.48 ng

RT: 12.82 min Scan# 1909

Delta R.T. -0.02 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

Tgt Ion:232 Resp: 93416

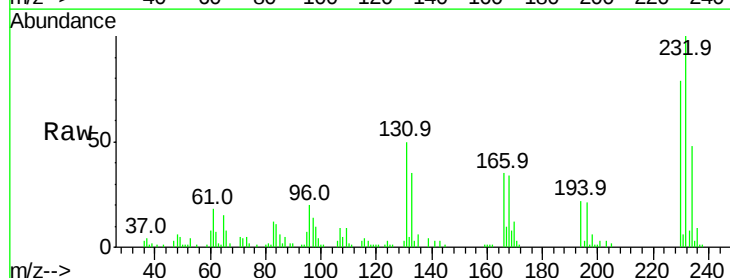
Ion Ratio Lower Upper

232 100

131 52.7 44.8 67.2

130 2.4 2.3 3.5

166 31.8 29.0 43.4

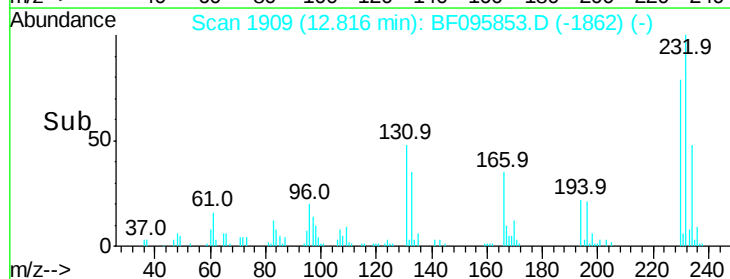
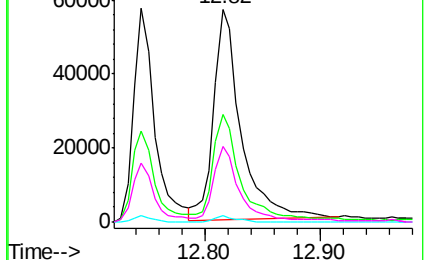


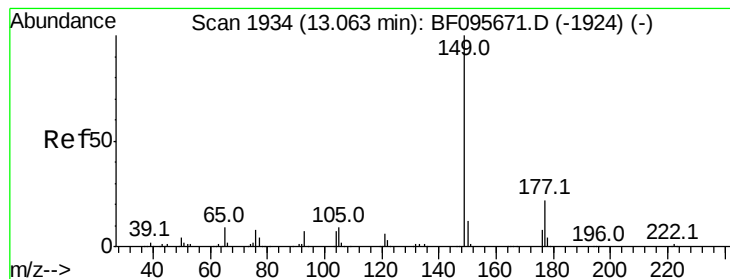
Abundance Ion 232.00 (231.70 to 232.70): E

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: 50.65 ng

RT: 13.04 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

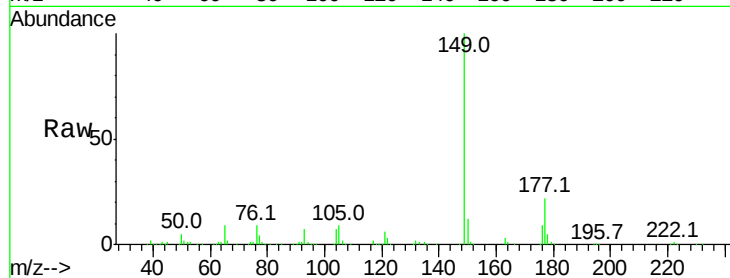
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 444987

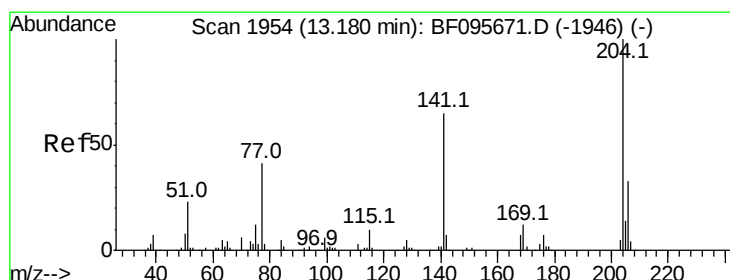
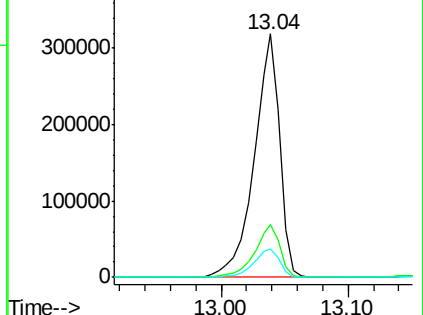
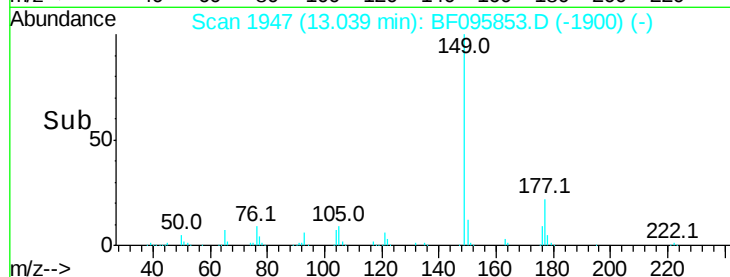
Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.7	25.1
150	11.7	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 48.26 ng

RT: 13.15 min Scan# 1966

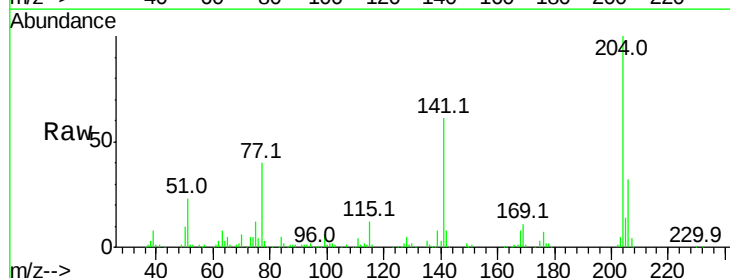
Delta R.T. -0.03 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

Tgt Ion:204 Resp: 196563

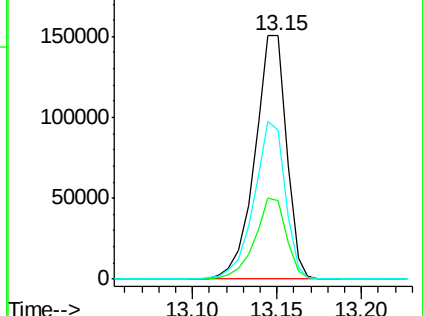
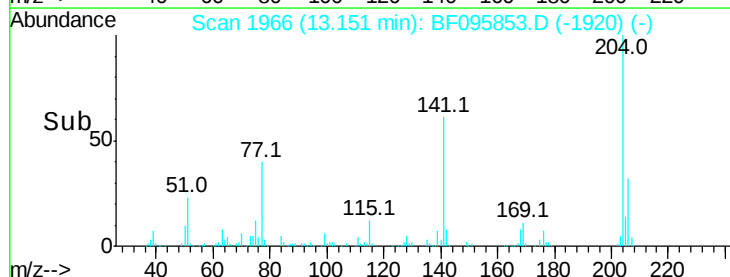
Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.2	39.2
141	61.3	60.8	91.2

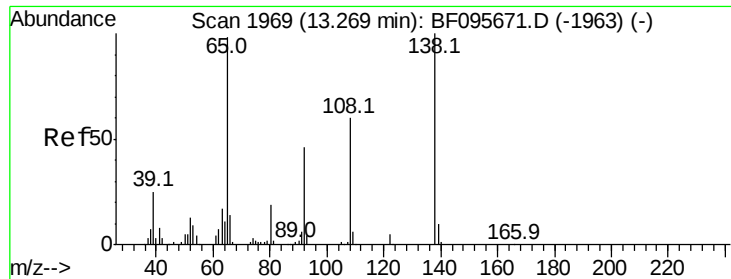


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

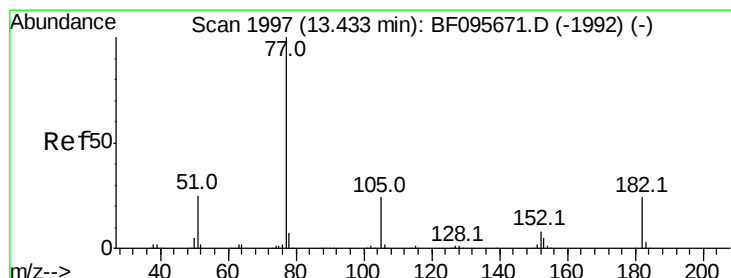
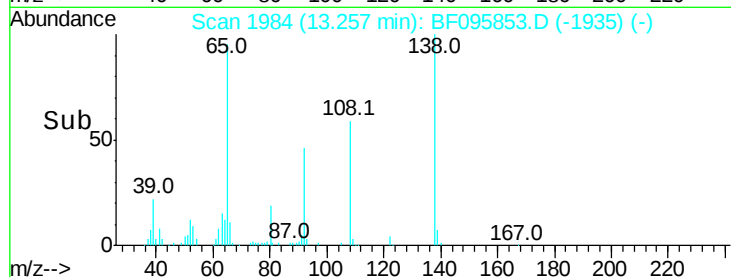
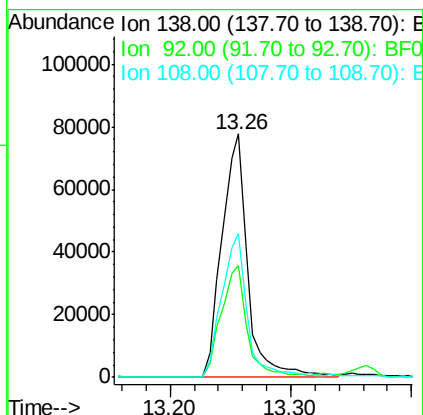
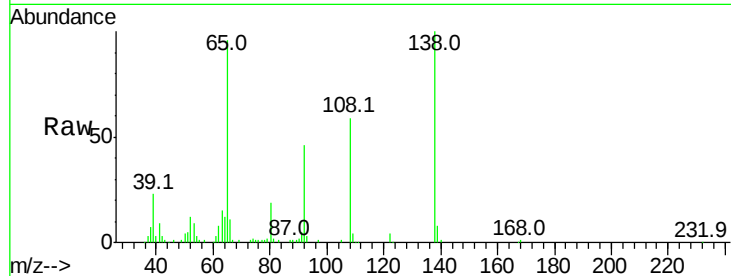




#61
4-Nitroaniline
Concen: 53.04 ng
RT: 13.26 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BF095853.D
Acq: 10 Jun 2017 18:03

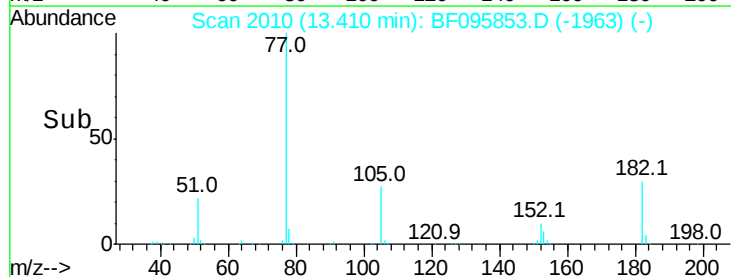
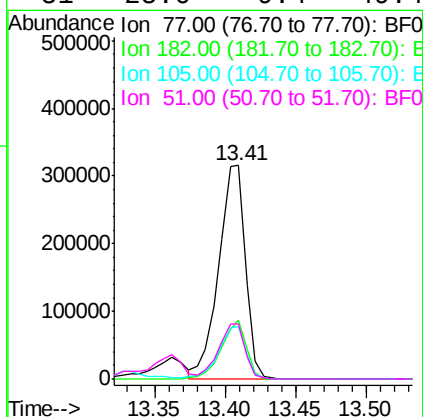
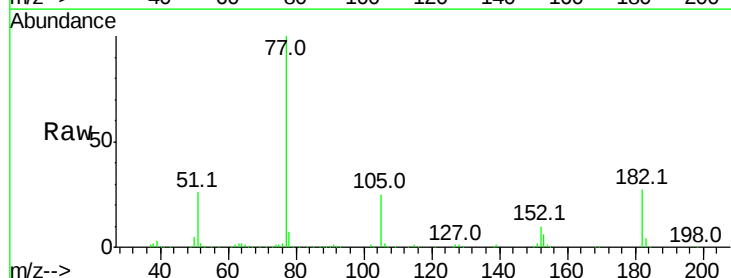
Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 114888
Ion Ratio Lower Upper
138 100
92 45.6 21.8 61.8
108 59.1 42.3 82.3



#62
Azobenzene
Concen: 52.02 ng
RT: 13.41 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BF095853.D
Acq: 10 Jun 2017 18:03

Tgt Ion: 77 Resp: 414208
Ion Ratio Lower Upper
77 100
182 27.4 0.1 40.1
105 24.8 3.6 43.6
51 25.6 9.4 49.4

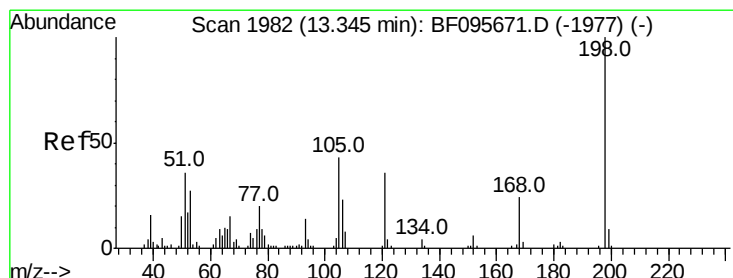
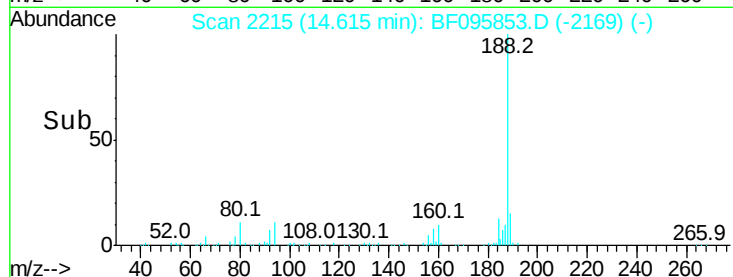
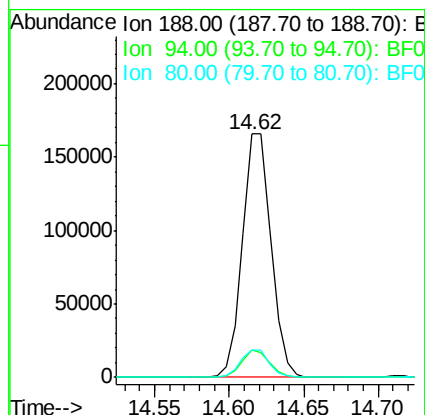
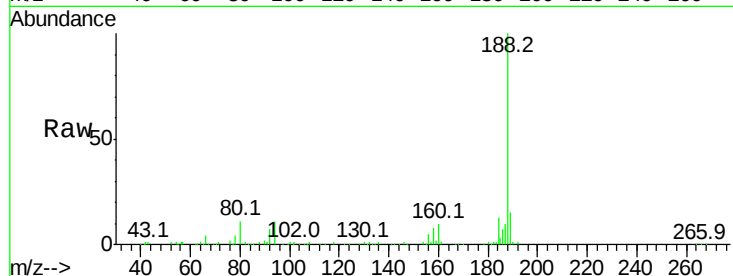




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095853.D
Acq: 10 Jun 2017 18:03

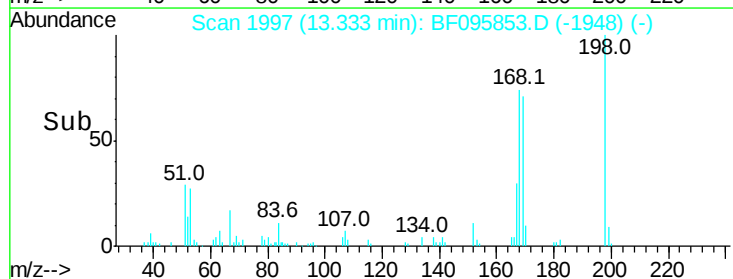
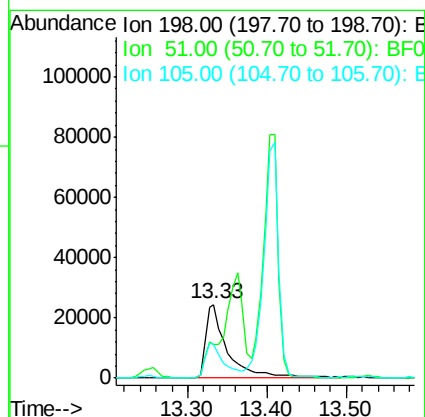
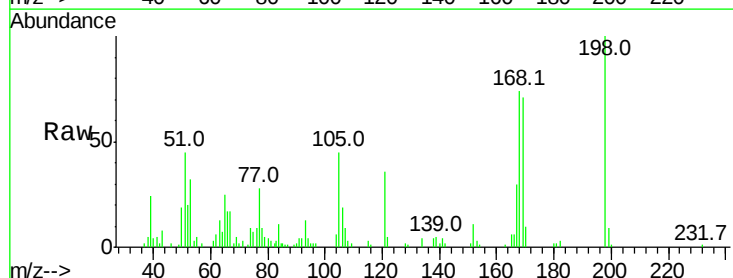
Instrument :
BNA_F
ClientSampleId :

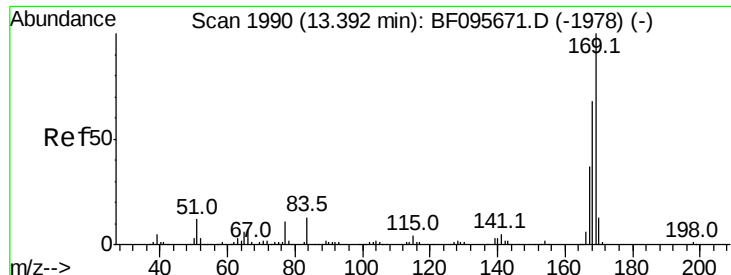
Tot Ion:188 Resp: 220654
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 11.3 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 32.63 ng
RT: 13.33 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF095853.D
Acq: 10 Jun 2017 18:03

Tgt Ion:198 Resp: 47320
Ion Ratio Lower Upper
198 100
51 45.3 53.2 93.2#
105 44.9 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 49.76 ng

RT: 13.36 min Scan# 2002

Delta R.T. -0.03 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

Instrument :

BNA_F

ClientSampleId :

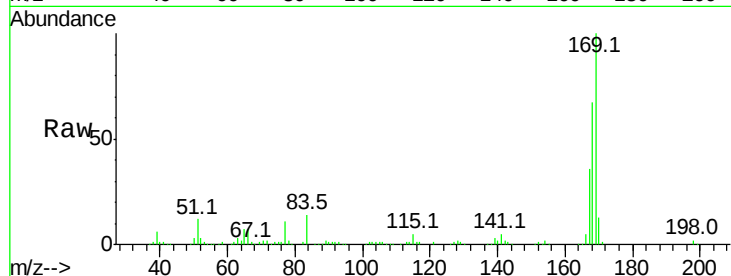
Tot Ion:169 Resp: 394518

Ion Ratio Lower Upper

169 100

168 67.3 53.2 79.8

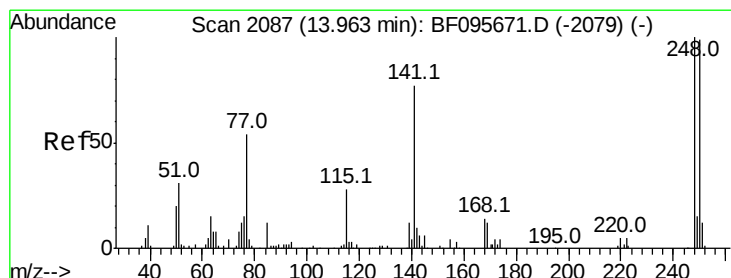
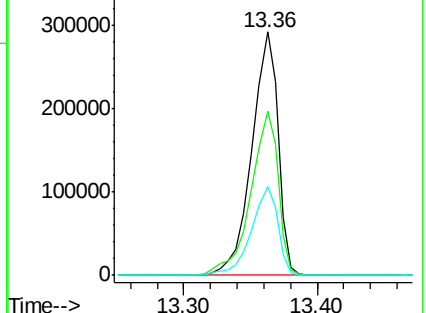
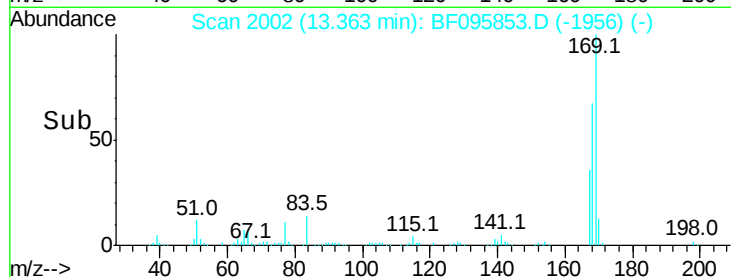
167 36.4 29.5 44.3



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: 49.47 ng

RT: 13.93 min Scan# 2098

Delta R.T. -0.04 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

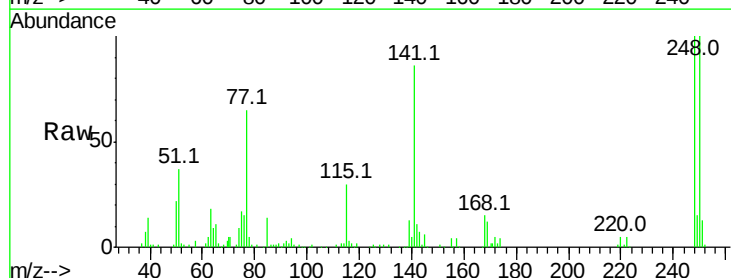
Tgt Ion:248 Resp: 113451

Ion Ratio Lower Upper

248 100

250 99.9 76.8 115.2

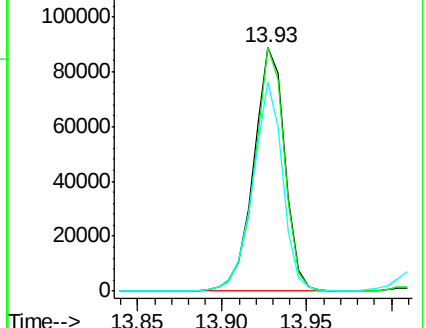
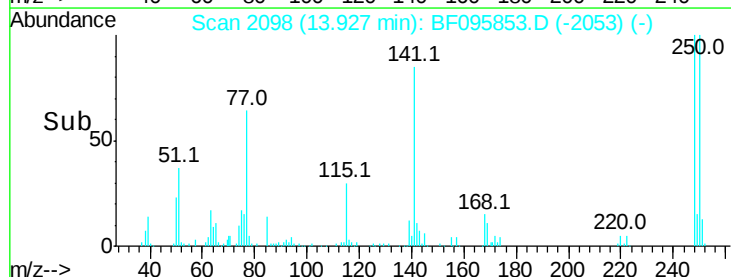
141 85.9 68.6 103.0



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

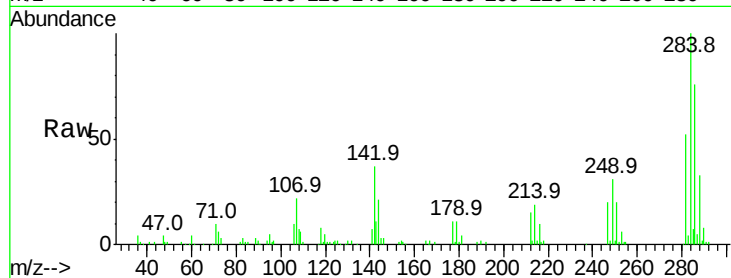




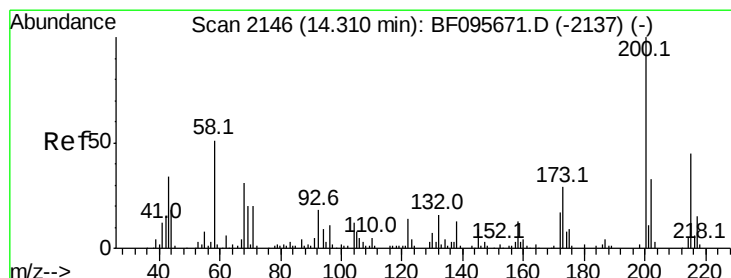
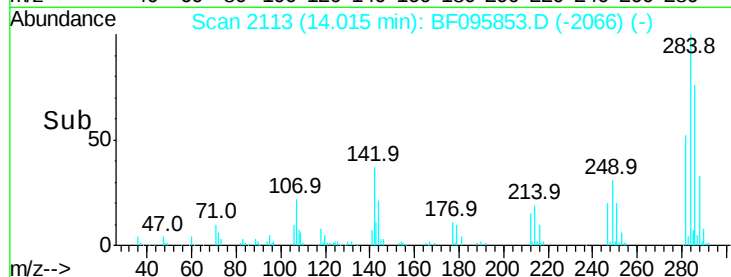
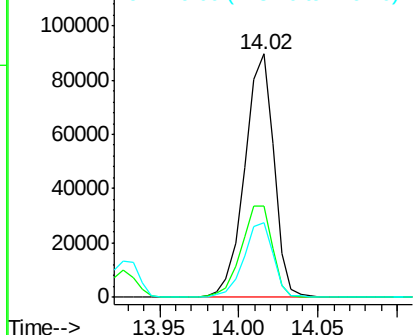
#67
Hexachlorobenzene
Concen: 50.71 ng
RT: 14.02 min Scan# 2113
Delta R.T. -0.02 min
Lab File: BF095853.D
Acq: 10 Jun 2017 18:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 114597
Ion Ratio Lower Upper
284 100
142 37.2 22.8 34.2#
249 30.8 24.0 36.0

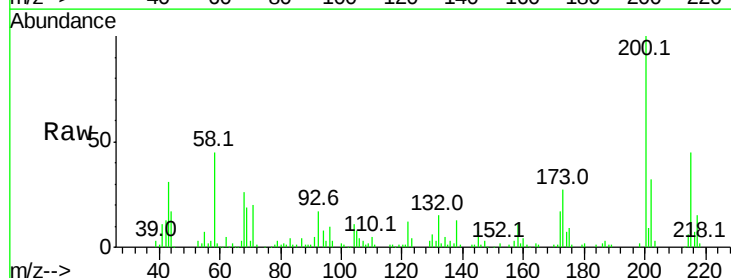


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

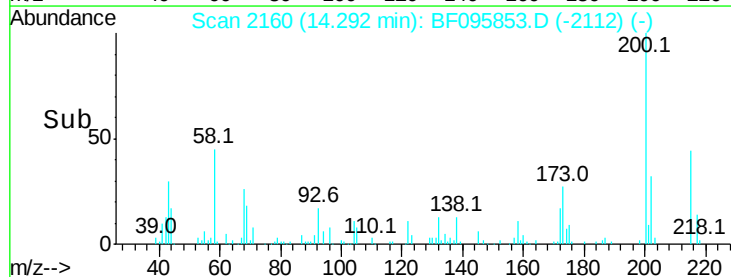
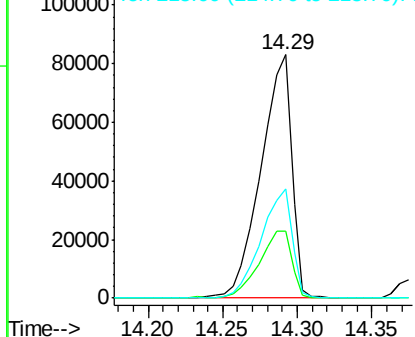


#68
Atrazine
Concen: 53.73 ng
RT: 14.29 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BF095853.D
Acq: 10 Jun 2017 18:03

Tgt Ion:200 Resp: 118552
Ion Ratio Lower Upper
200 100
173 27.4 6.3 46.3
215 45.0 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

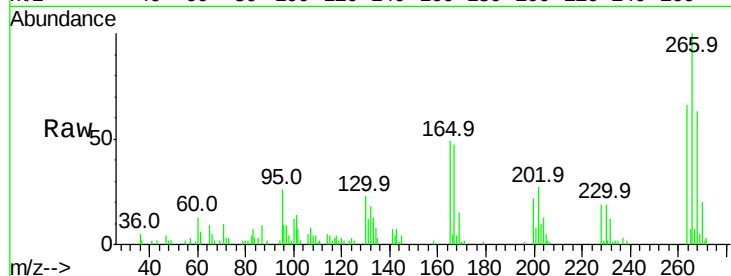




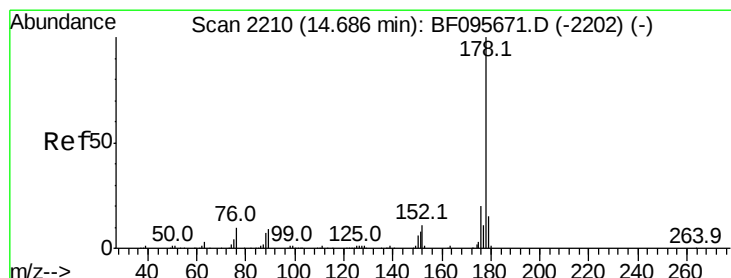
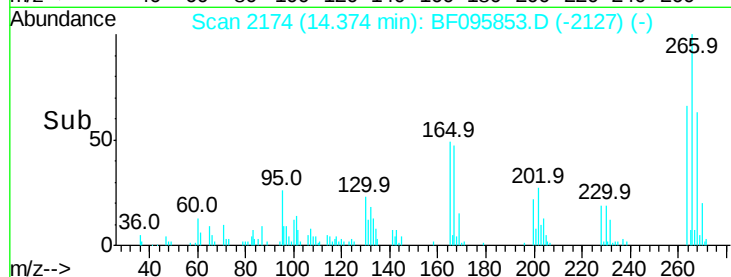
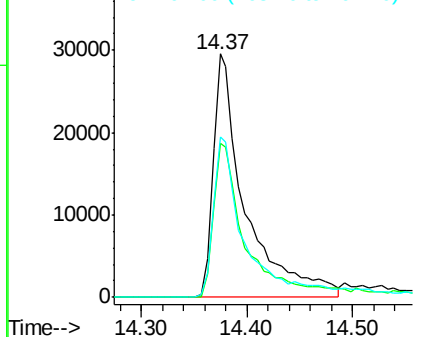
#69
 Pentachlorophenol
 Concen: 73.74 ng
 RT: 14.37 min Scan# 2174
 Delta R.T. -0.02 min
 Lab File: BF095853.D
 Acq: 10 Jun 2017 18:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	65.8	51.7	77.5

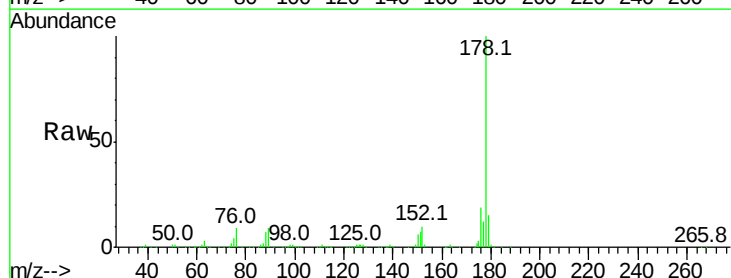


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

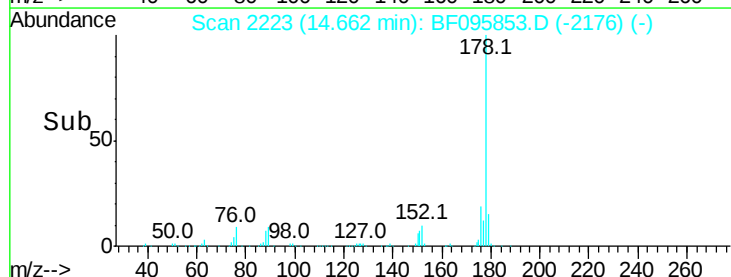
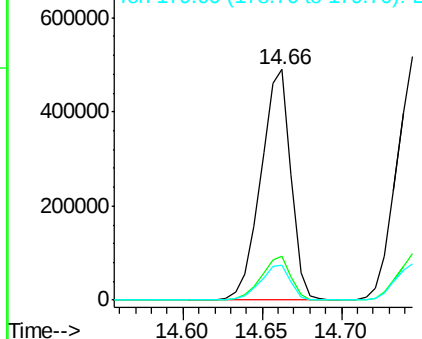


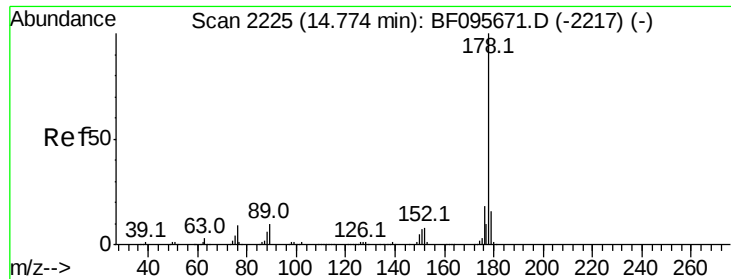
#70
 Phenanthrene
 Concen: 50.81 ng
 RT: 14.66 min Scan# 2223
 Delta R.T. -0.02 min
 Lab File: BF095853.D
 Acq: 10 Jun 2017 18:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	15.0	12.6	19.0



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

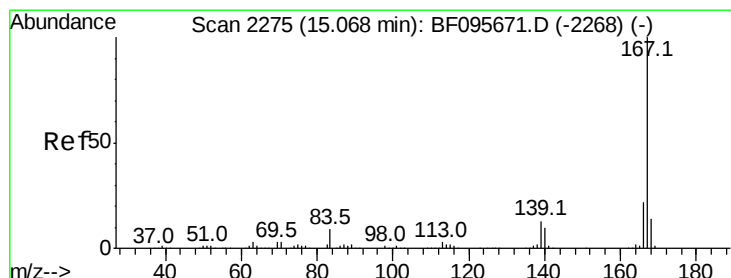
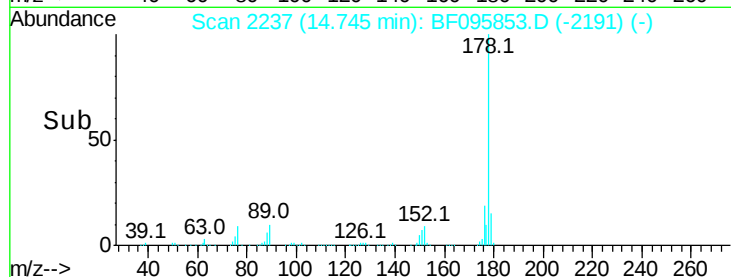
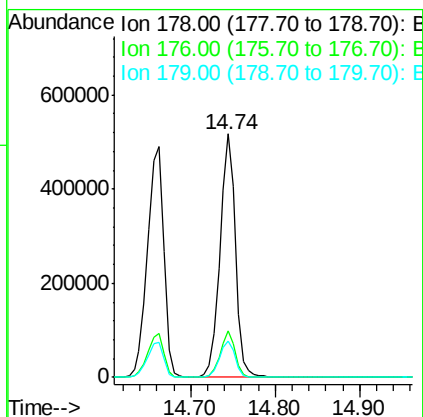
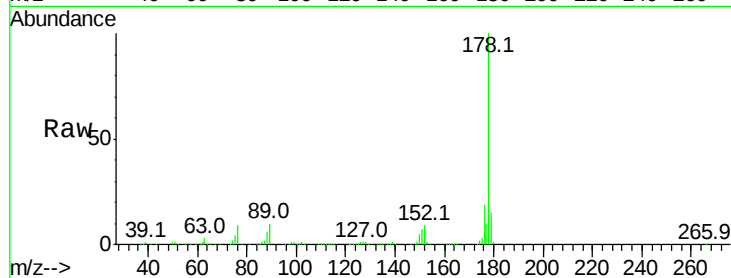




#71
 Anthracene
 Concen: 49.98 ng
 RT: 14.74 min Scan# 2237
 Delta R.T. -0.03 min
 Lab File: BF095853.D
 Acq: 10 Jun 2017 18:03

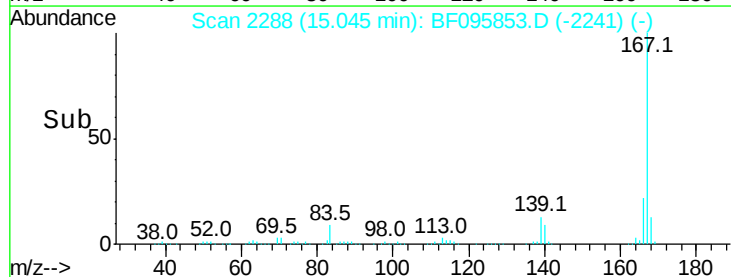
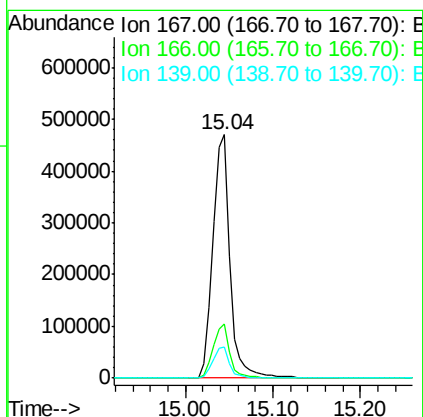
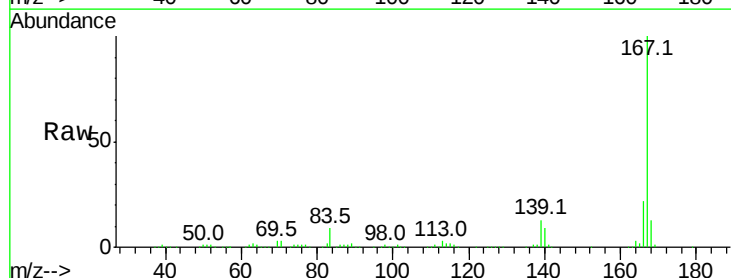
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 664366
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.1 12.7 19.1



#72
 Carbazole
 Concen: 49.73 ng
 RT: 15.04 min Scan# 2288
 Delta R.T. -0.02 min
 Lab File: BF095853.D
 Acq: 10 Jun 2017 18:03

Tgt Ion:167 Resp: 644082
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 12.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 51.90 ng

RT: 15.63 min Scan# 2388

Delta R.T. -0.02 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

Instrument :

BNA_F

ClientSampleId :

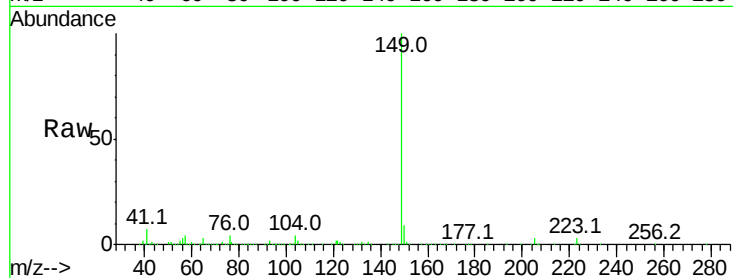
Tot Ion:149 Resp: 715250

Ion Ratio Lower Upper

149 100

150 8.7 7.7 11.5

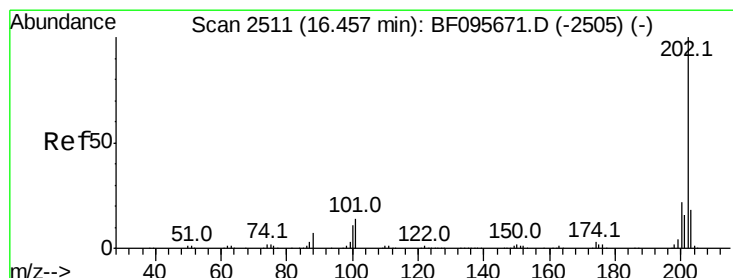
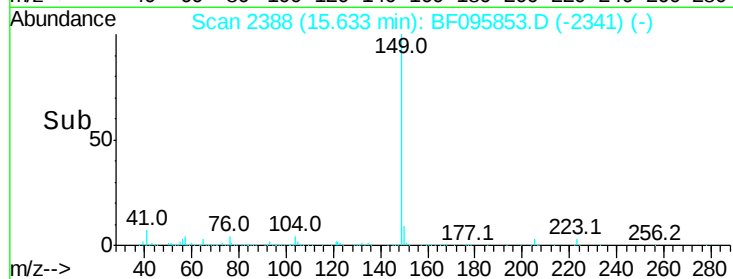
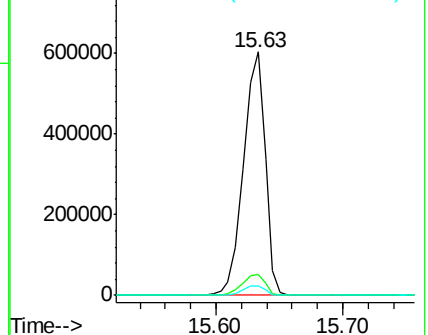
104 4.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 51.79 ng

RT: 16.44 min Scan# 2525

Delta R.T. -0.02 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

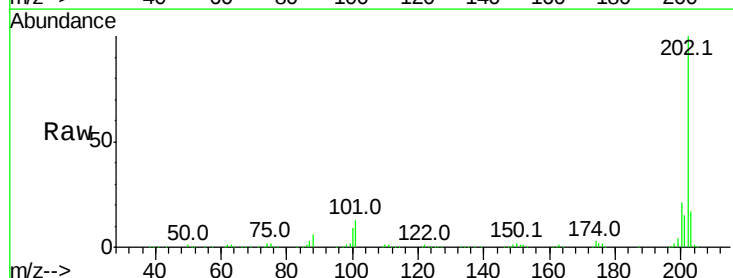
Tgt Ion:202 Resp: 652675

Ion Ratio Lower Upper

202 100

101 12.7 0.0 33.2

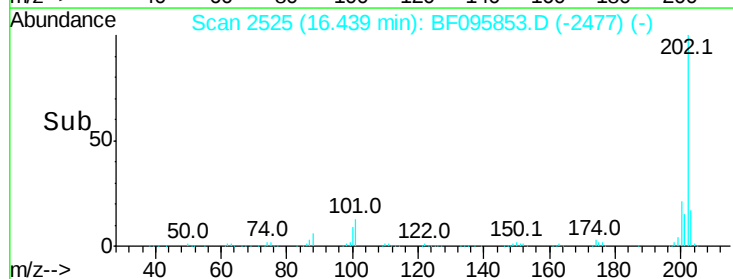
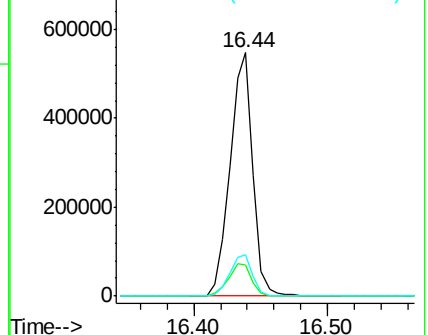
203 17.2 0.0 38.1

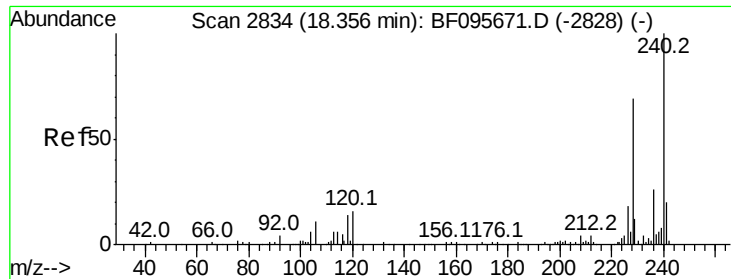


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

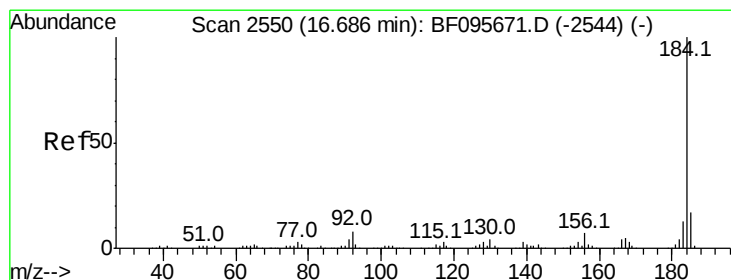
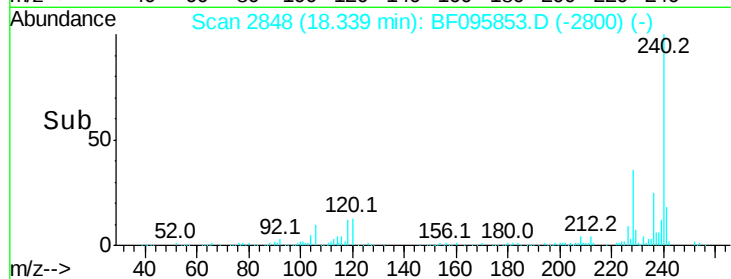
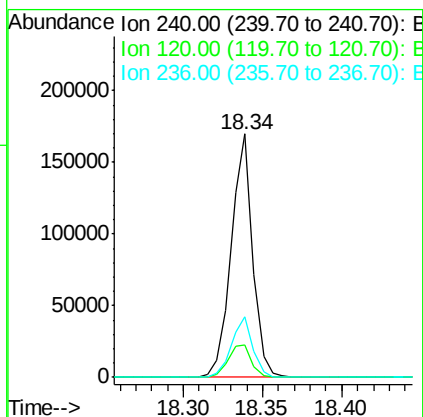
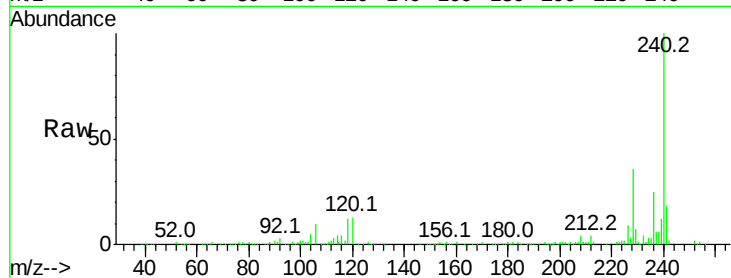




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.34 min Scan# 2848
Delta R.T. -0.02 min
Lab File: BF095853.D
Acq: 10 Jun 2017 18:03

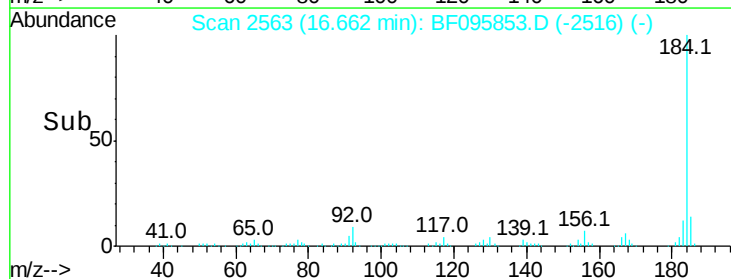
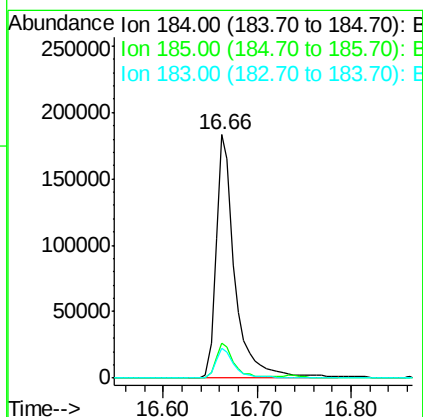
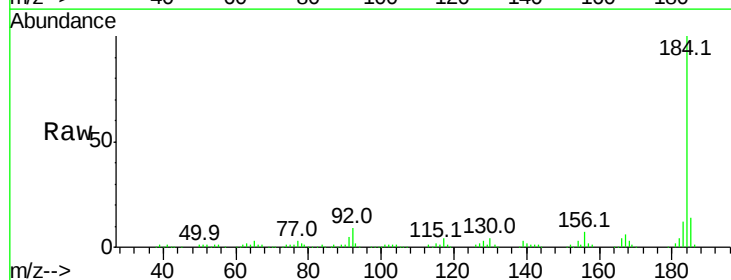
Instrument :
BNA_F
ClientSampleId :

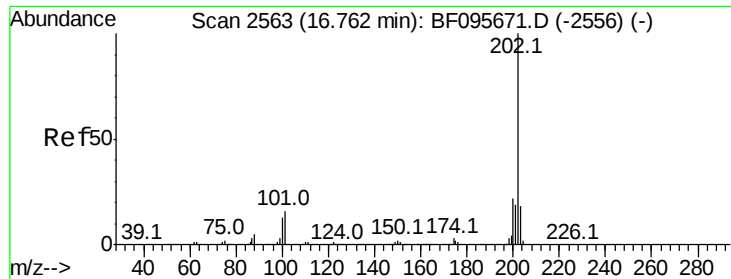
Tot Ion:240 Resp: 159550
Ion Ratio Lower Upper
240 100
120 13.3 5.8 8.8#
236 24.8 20.5 30.7



#76
Benzidine
Concen: 42.03 ng
RT: 16.66 min Scan# 2563
Delta R.T. -0.02 min
Lab File: BF095853.D
Acq: 10 Jun 2017 18:03

Tgt Ion:184 Resp: 257530
Ion Ratio Lower Upper
184 100
185 14.4 15.5 23.3#
183 12.2 9.8 14.6





#77

Pvrene

Concen: 55.83 ng

RT: 16.74 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

Instrument :

BNA_F

ClientSampleId :

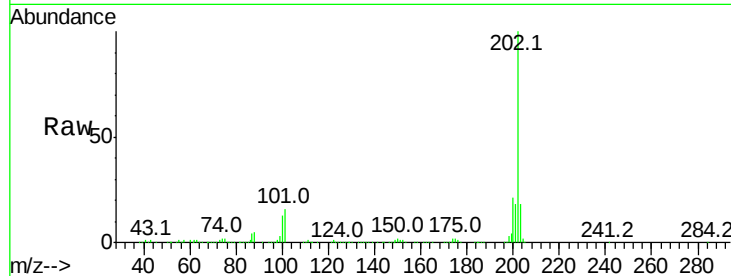
Tot Ion:202 Resp: 664692

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	18.4	14.4	21.6

202 100

200 20.7 17.6 26.4

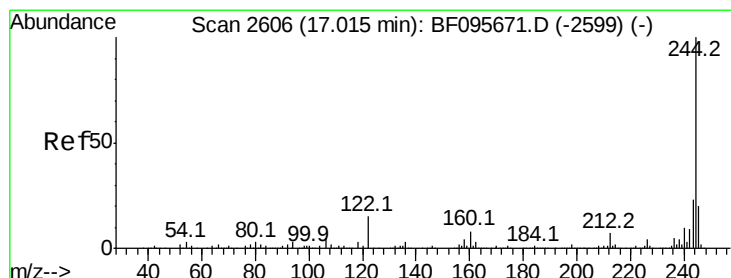
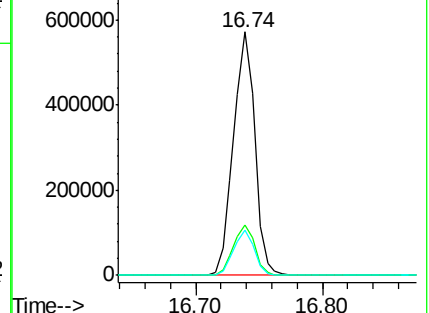
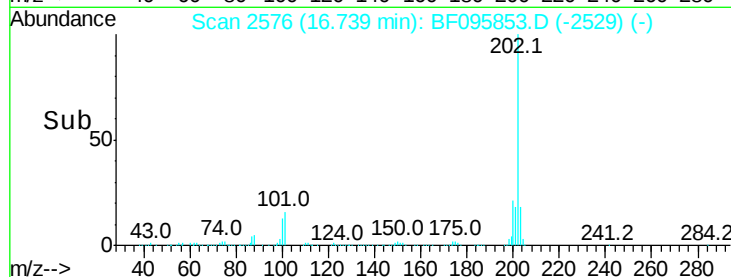
203 18.4 14.4 21.6



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: 84.15 ng

RT: 16.99 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

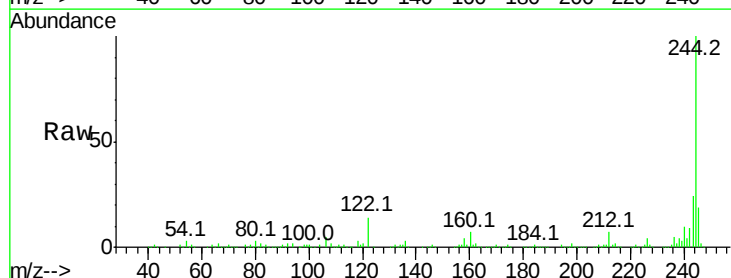
Tgt Ion:244 Resp: 541014

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	13.6	10.3	15.5

244 100

212 6.9 6.0 9.0

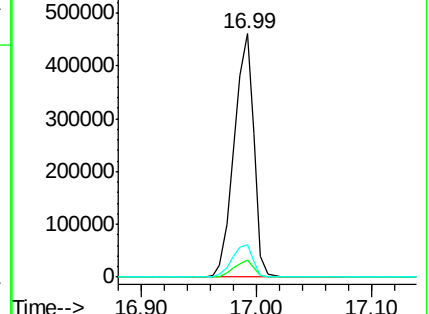
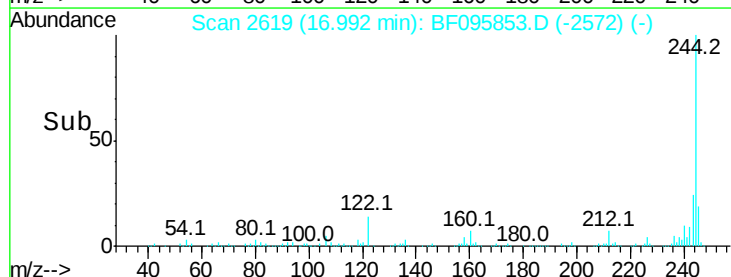
122 13.6 10.3 15.5

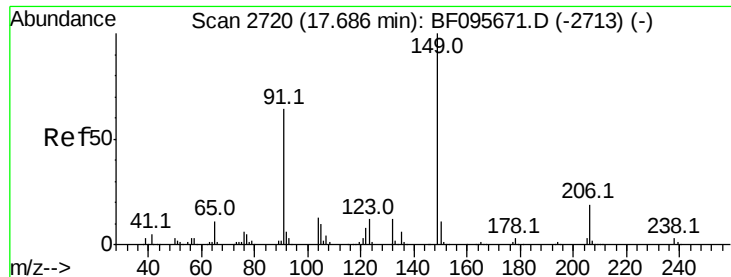


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

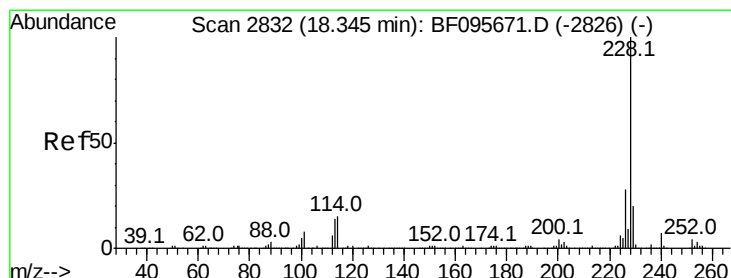
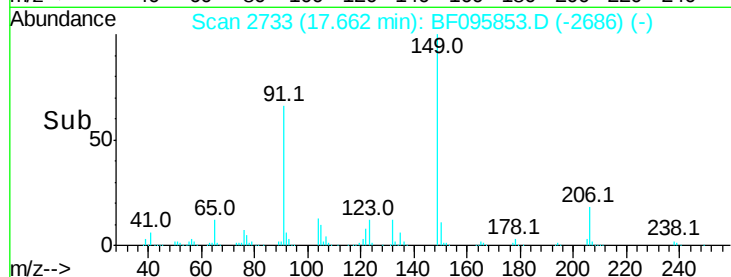
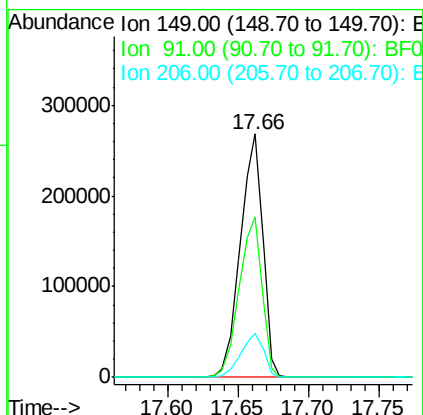
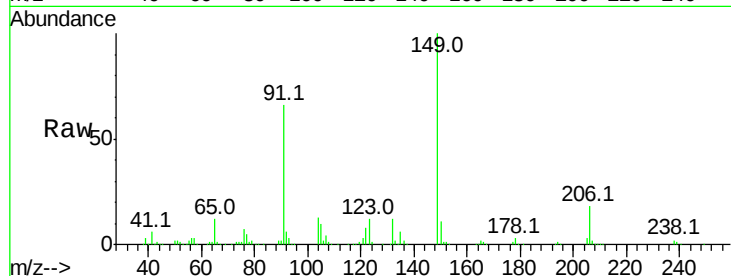




#79
Butylbenzylphthalate
Concen: 57.15 ng
RT: 17.66 min Scan# 2733
Delta R.T. -0.02 min
Lab File: BF095853.D
Acq: 10 Jun 2017 18:03

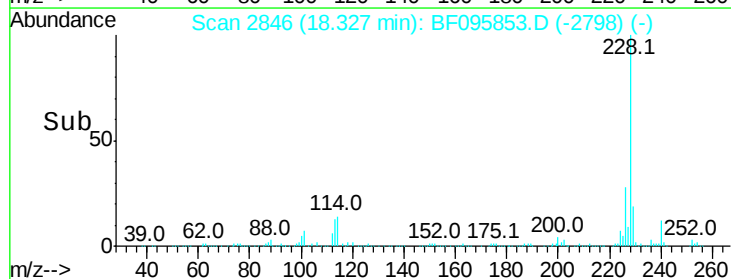
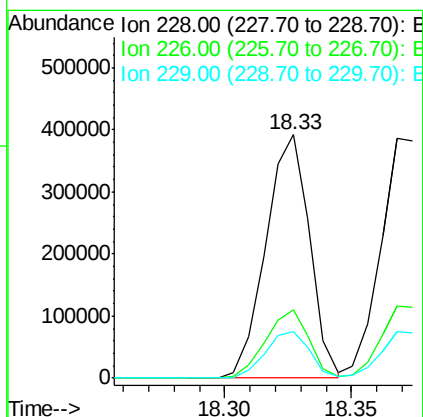
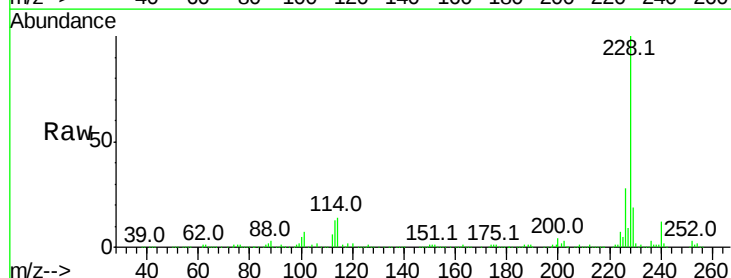
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 297147
Ion Ratio Lower Upper
149 100
91 65.8 45.0 67.4
206 18.2 17.0 25.6



#80
Benzo(a)anthracene
Concen: 50.99 ng
RT: 18.33 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BF095853.D
Acq: 10 Jun 2017 18:03

Tgt Ion:228 Resp: 472979
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 19.4 16.3 24.5

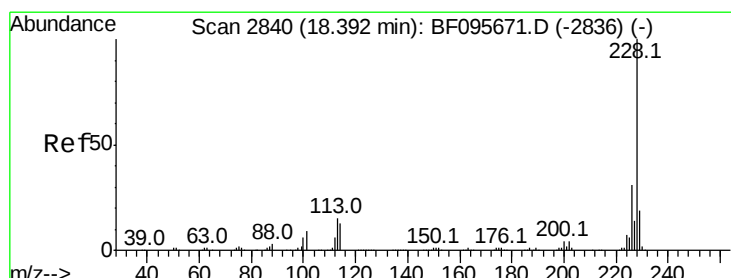
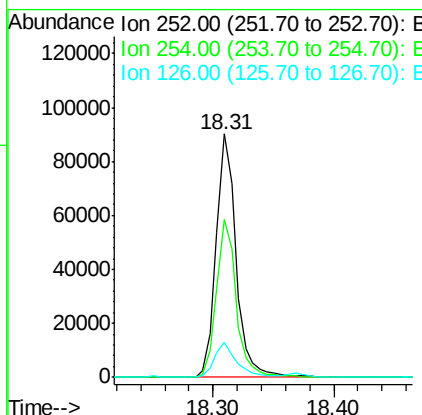
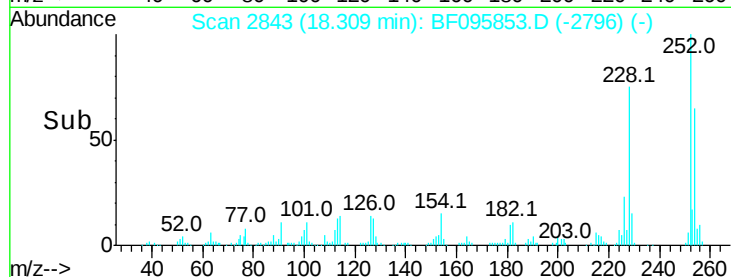
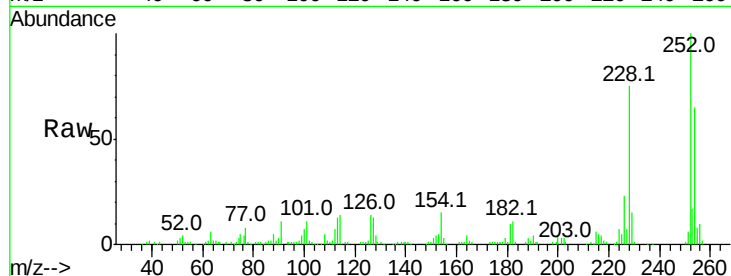




#81
 3,3'-Dichlorobenzidine
 Concen: 31.11 ng
 RT: 18.31 min Scan# 2843
 Delta R.T. -0.02 min
 Lab File: BF095853.D
 Acq: 10 Jun 2017 18:03

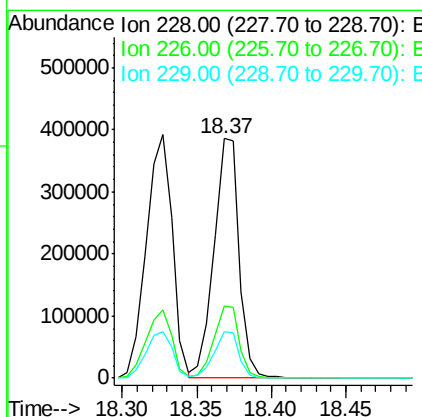
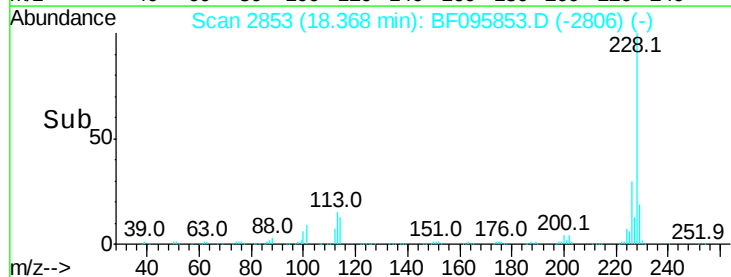
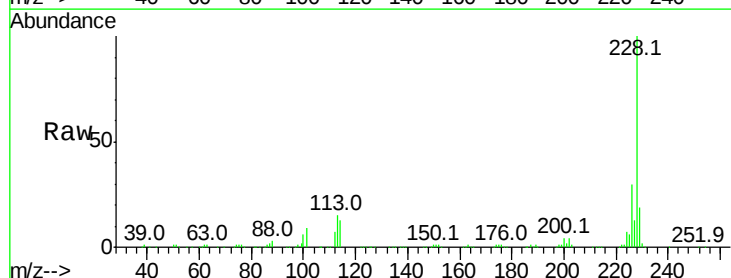
Instrument :
 BNA_F
 ClientSampleId :

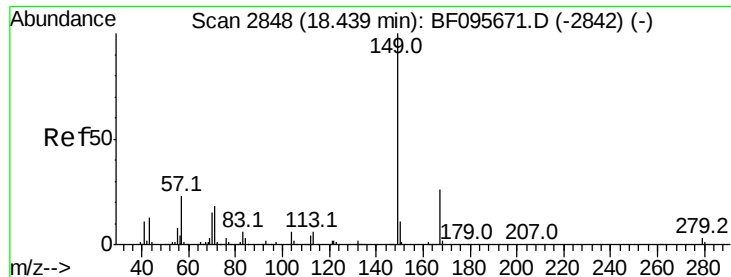
Tot Ion:252 Resp: 102606
 Ion Ratio Lower Upper
 252 100
 254 64.7 51.5 77.3
 126 14.4 15.8 23.8#



#82
 Chrysene
 Concen: 48.90 ng
 RT: 18.37 min Scan# 2853
 Delta R.T. -0.02 min
 Lab File: BF095853.D
 Acq: 10 Jun 2017 18:03

Tgt Ion:228 Resp: 453357
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.9 37.3
 229 19.3 15.8 23.6

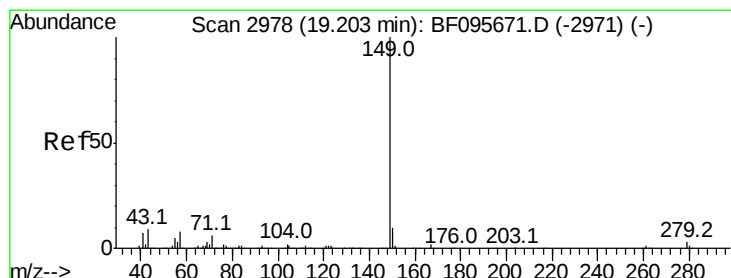
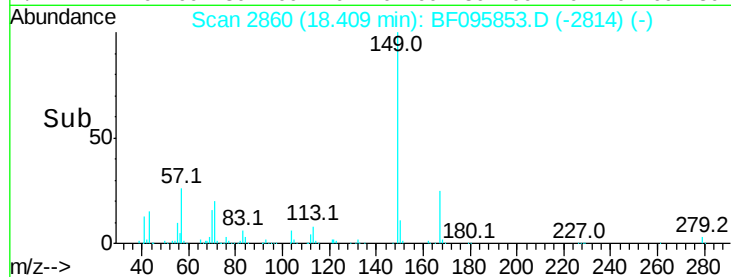
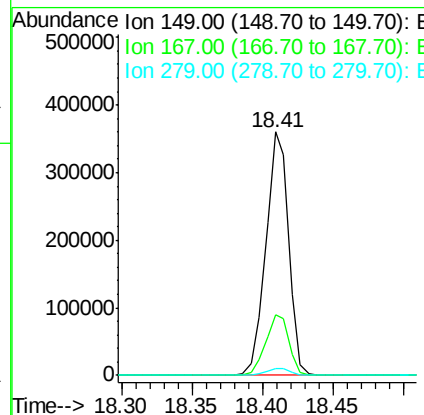
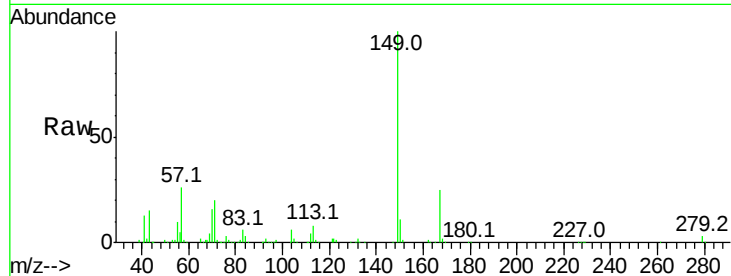




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.04 ng
 RT: 18.41 min Scan# 2860
 Delta R.T. -0.03 min
 Lab File: BF095853.D
 Acq: 10 Jun 2017 18:03

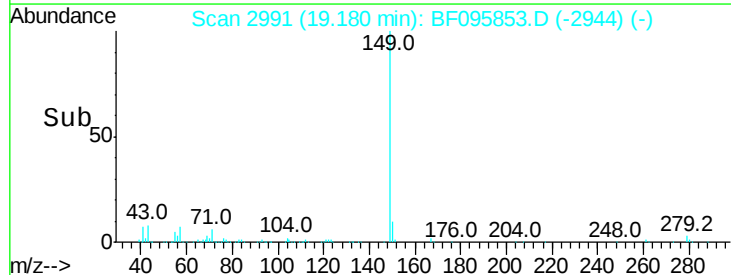
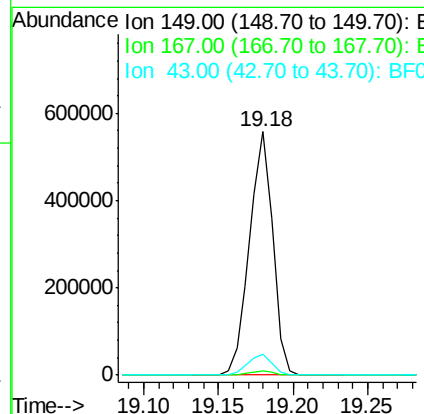
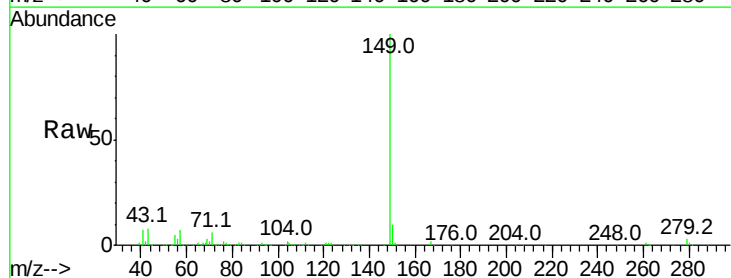
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 411003
 Ion Ratio Lower Upper
 149 100
 167 25.1 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 49.82 ng
 RT: 19.18 min Scan# 2991
 Delta R.T. -0.02 min
 Lab File: BF095853.D
 Acq: 10 Jun 2017 18:03

Tgt Ion:149 Resp: 602126
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.7 8.5 12.7

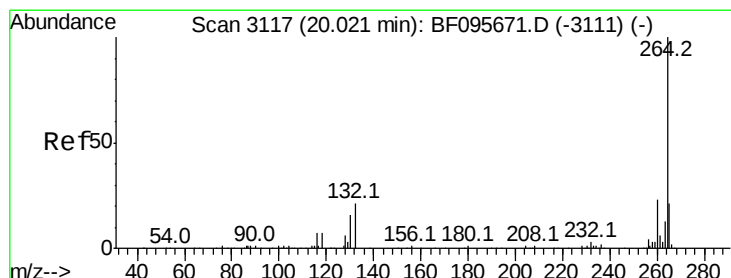
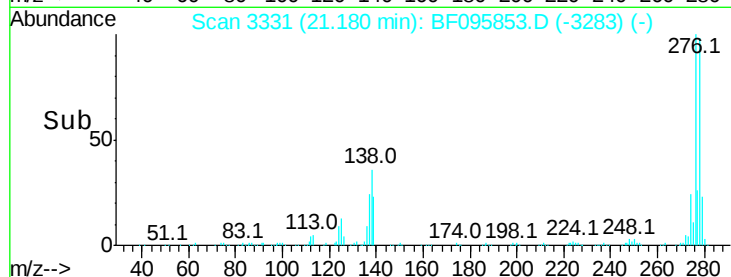
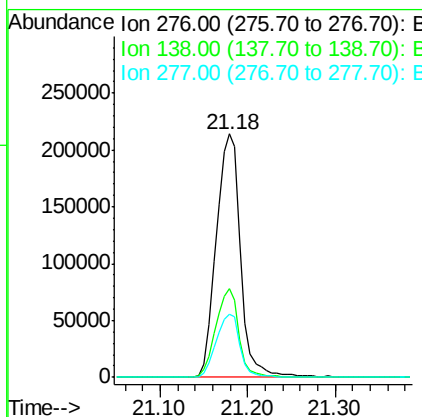
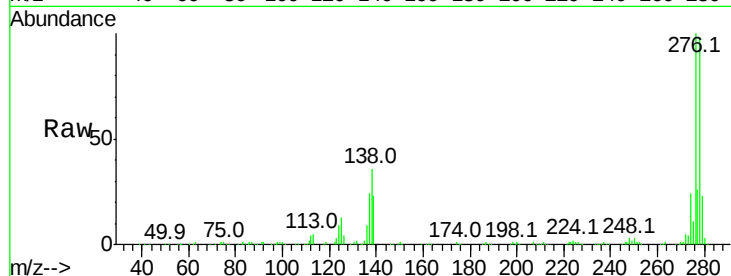




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.99 ng
 RT: 21.18 min Scan# 3331
 Delta R.T. -0.02 min
 Lab File: BF095853.D
 Acq: 10 Jun 2017 18:03

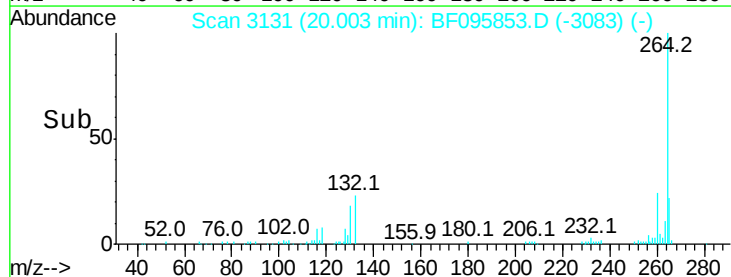
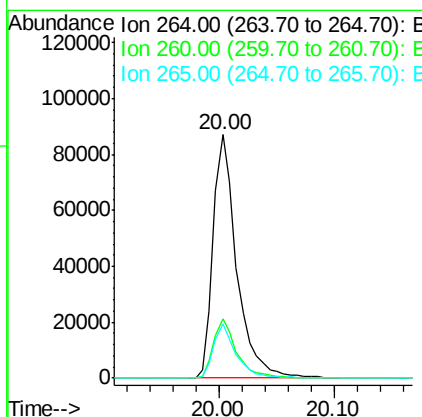
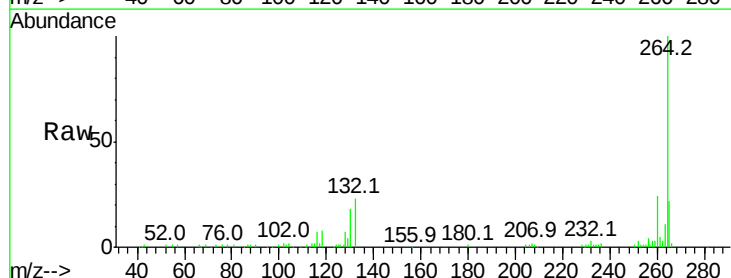
Instrument :
 BNA_F
 ClientSampled :

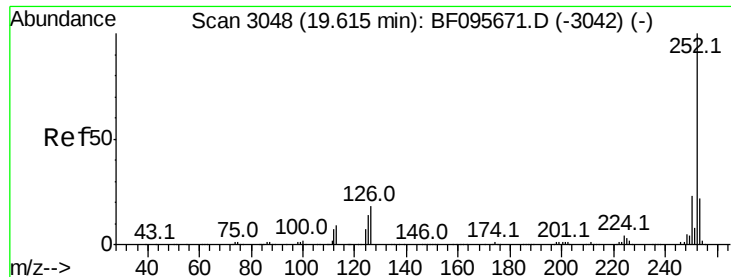
Tot Ion:276 Resp: 412410
 Ion Ratio Lower Upper
 276 100
 138 34.9 27.8 41.6
 277 25.5 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.00 min Scan# 3131
 Delta R.T. -0.02 min
 Lab File: BF095853.D
 Acq: 10 Jun 2017 18:03

Tgt Ion:264 Resp: 123771
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 22.1 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 51.51 ng

RT: 19.60 min Scan# 3062

Delta R.T. -0.02 min

Lab File: BF095853.D

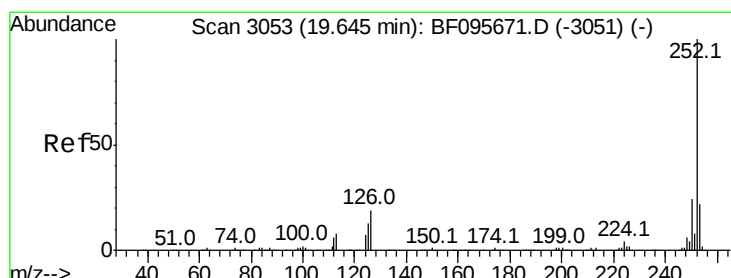
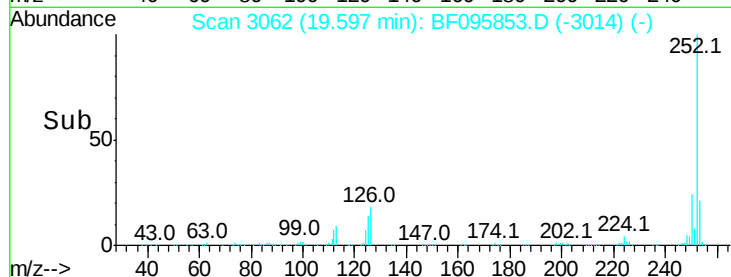
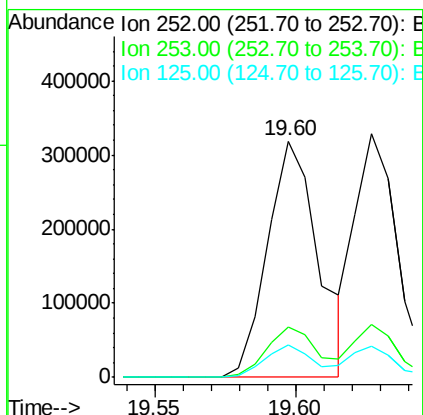
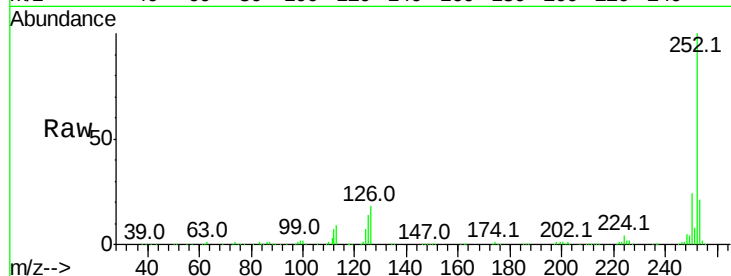
Acq: 10 Jun 2017 18:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	252	Resp:	399238
Ion Ratio	Lower	Upper	
252	100		
253	21.2	18.1	27.1
125	14.0	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 53.89 ng

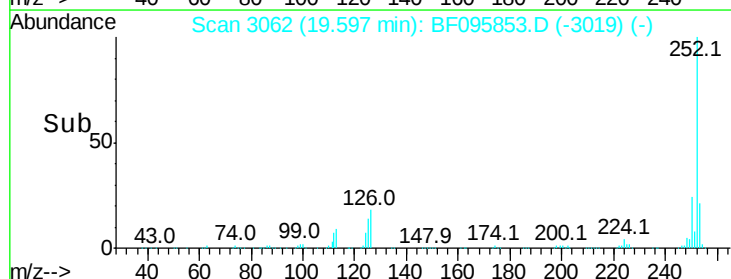
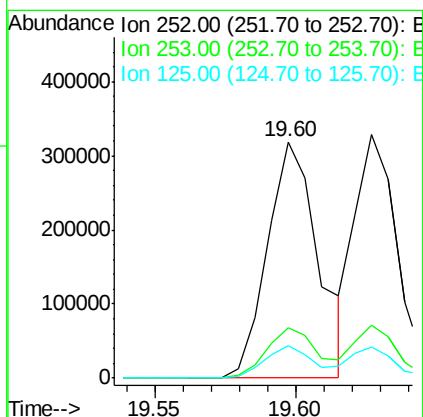
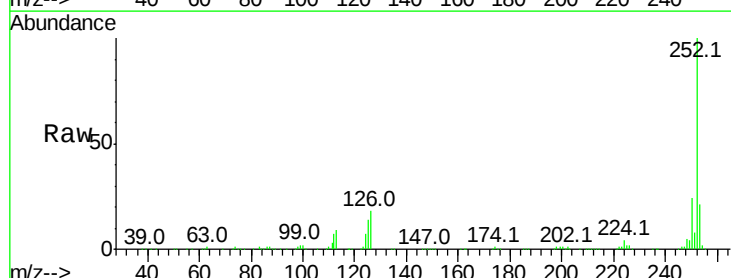
RT: 19.60 min Scan# 3062

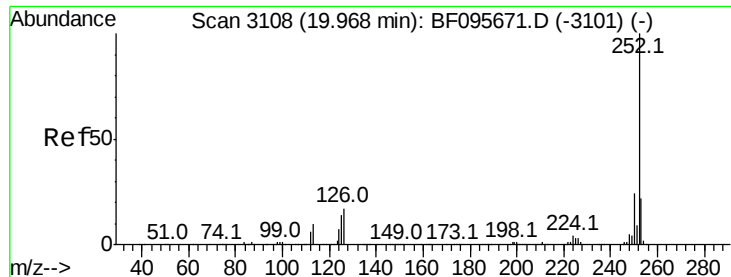
Delta R.T. -0.05 min

Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

Tgt Ion:	252	Resp:	399238
Ion Ratio	Lower	Upper	
252	100		
253	21.2	18.4	27.6
125	14.0	13.1	19.7

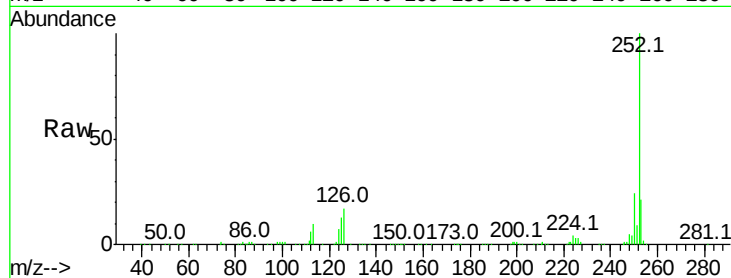




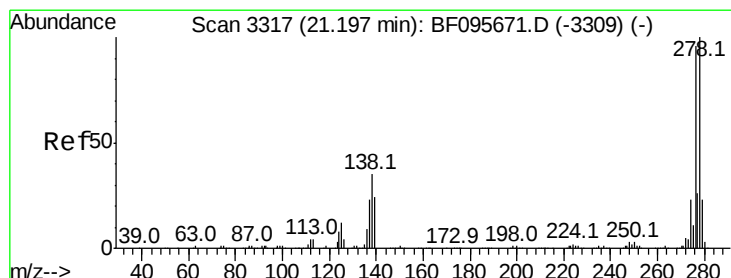
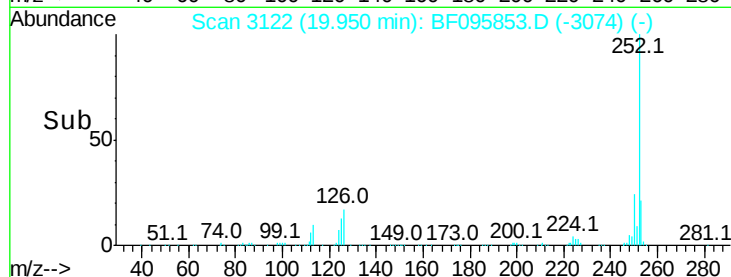
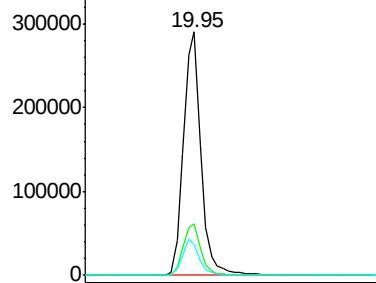
#89
Benzo(a)pyrene
Concen: 50.47 ng
RT: 19.95 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BF095853.D
Acq: 10 Jun 2017 18:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 359478
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 13.0 11.0 16.4

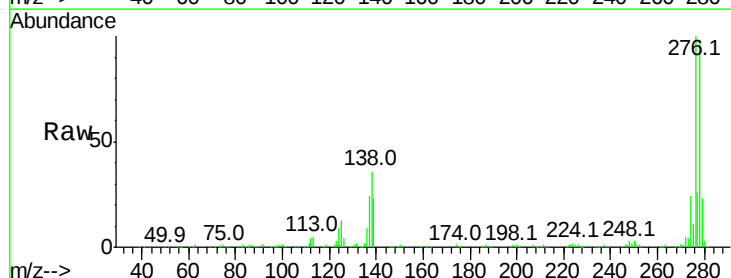


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

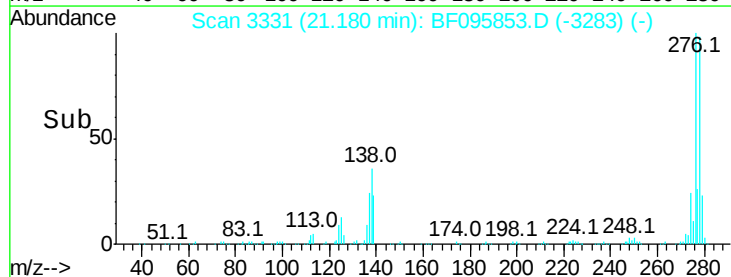
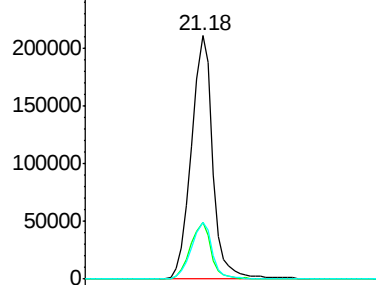


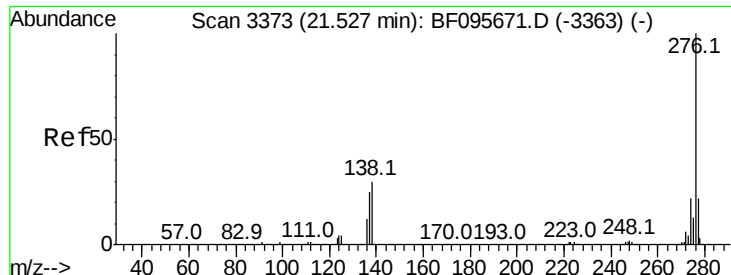
#90
Dibenzo(a,h)anthracene
Concen: 57.06 ng
RT: 21.18 min Scan# 3331
Delta R.T. -0.02 min
Lab File: BF095853.D
Acq: 10 Jun 2017 18:03

Tgt Ion:278 Resp: 344789
Ion Ratio Lower Upper
278 100
139 23.4 16.6 24.8
279 23.1 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 59.18 ng

RT: 21.50 min Scan# 3386

Delta R.T. -0.02 min

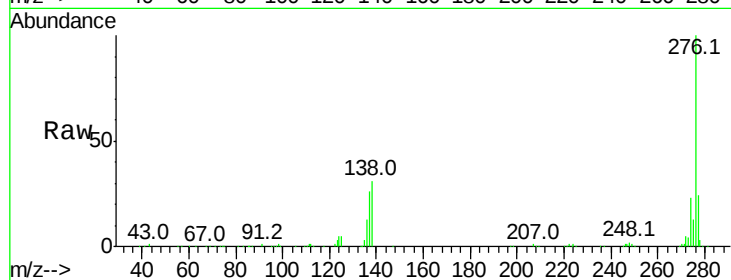
Lab File: BF095853.D

Acq: 10 Jun 2017 18:03

Instrument :

BNA_F

ClientSampleId :



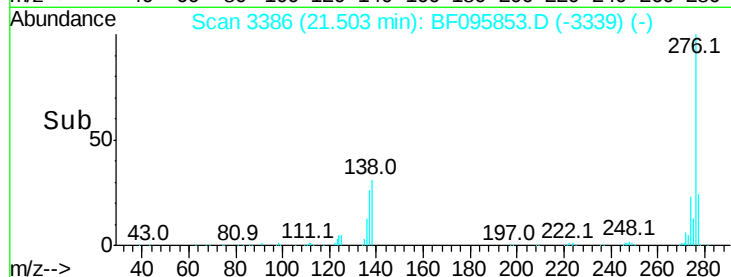
Tot Ion:276 Resp: 364564

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 30.9 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

