

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
 Data File : BF095898.D
 Acq On : 13 Jun 2017 17:28
 Operator : SJ/MA
 Sample : I3640-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 04:10:38 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

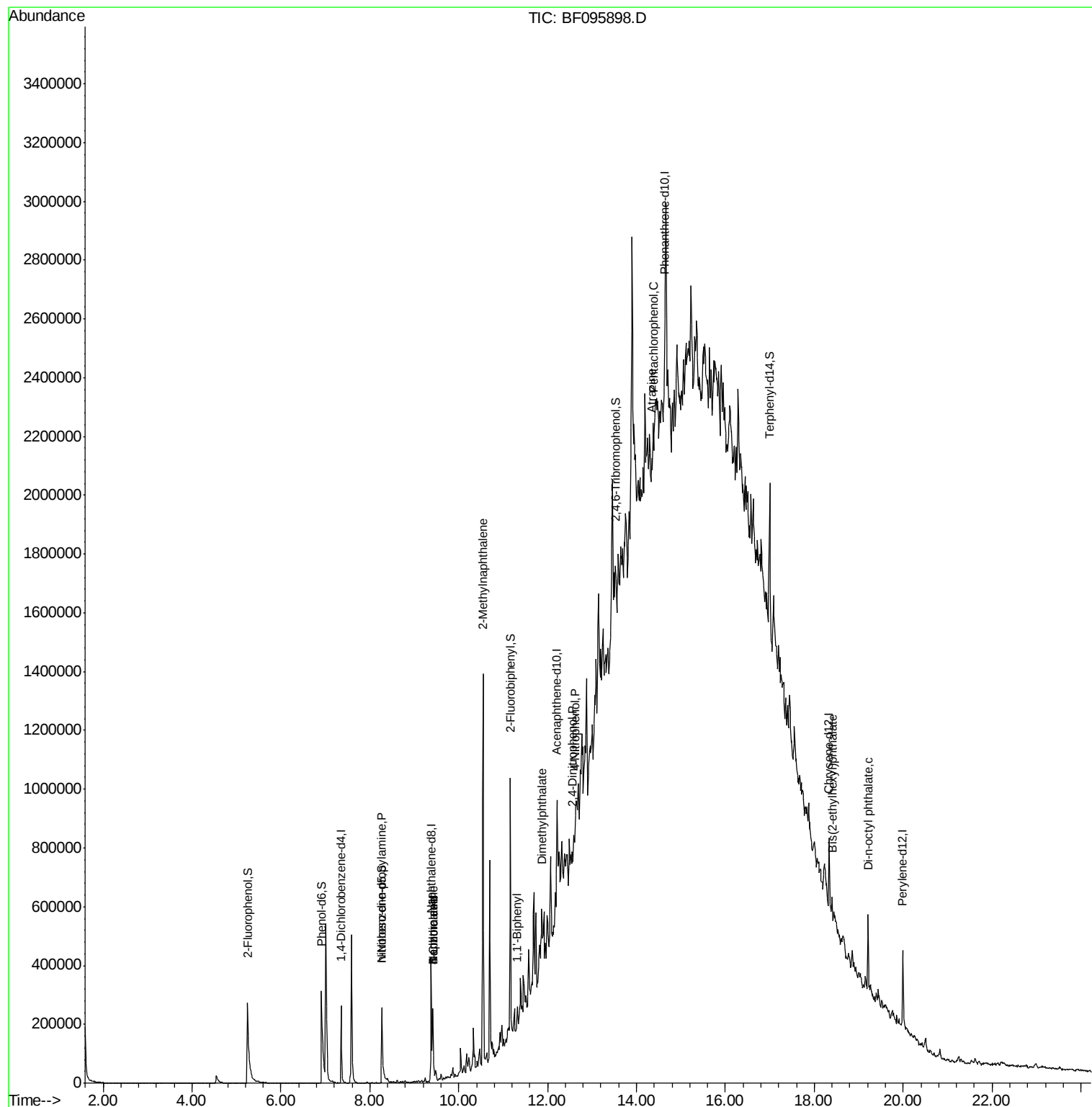
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	66200	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	265255	20.00	ng	-0.05
38) Acenaphthene-d10	12.21	164	111954	20.00	ng	-0.05
63) Phenanthrene-d10	14.63	188	134019	20.00	ng	-0.01
75) Chrysene-d12	18.33	240	125951	20.00	ng	-0.02
86) Perylene-d12	19.99	264	124864	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	263354	63.39	ng	-0.04
7) Phenol-d6	6.91	99	312148	62.76	ng	-0.05
23) Nitrobenzene-d5	8.27	82	190030	44.49	ng	-0.05
41) 2,4,6-Tribromophenol	13.52	330	49136	49.61	ng	-0.03
44) 2-Fluorobiphenyl	11.16	172	383784	47.70	ng	-0.05
78) Terphenyl-d14	17.00	244	204132	40.22	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	8.27	70	21893	6.95	ng	# 77
31) Naphthalene	9.42	128	189764	14.25	ng	99
32) Benzoic acid	9.42	122	232	5.21	ng	# 1
33) 4-Chloroaniline	9.42	127	24924	4.79	ng	# 33
37) 2-Methylnaphthalene	10.55	142	517051	57.49	ng	98
45) 1,1'-Biphenyl	11.32	154	21775	2.36	ng	98
49) Dimethylphthalate	11.86	163	32776	3.86	ng	# 90
53) 2,4-Dinitrophenol	12.56	184	226	6.67	ng	# 1
55) 4-Nitrophenol	12.62	139	834	5.25	ng	# 1
68) Atrazine	14.35	200	5183	3.87	ng	# 1
69) Pentachlorophenol	14.39	266	394	7.30	ng	# 1
83) Bis(2-ethylhexyl)phthalate	18.40	149	19356	3.34	ng	91
84) Di-n-octyl phthalate	19.21	149	29132	3.05	ng	# 43

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

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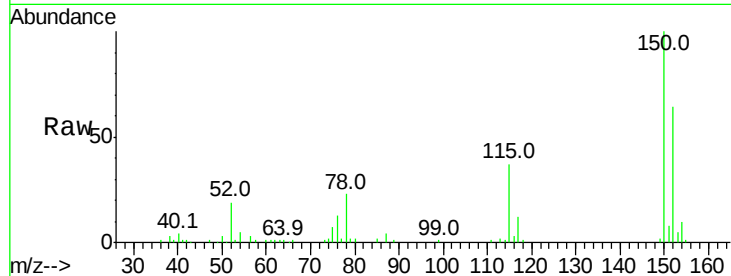


#1

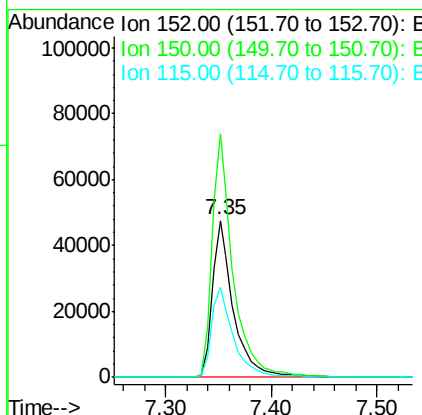
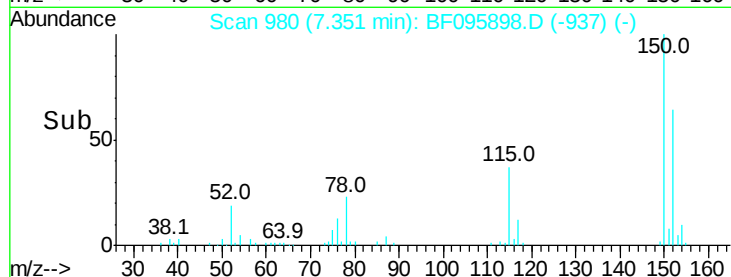
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095898.D
Acq: 13 Jun 2017 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 66200
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.2
115 57.5 52.2 78.2



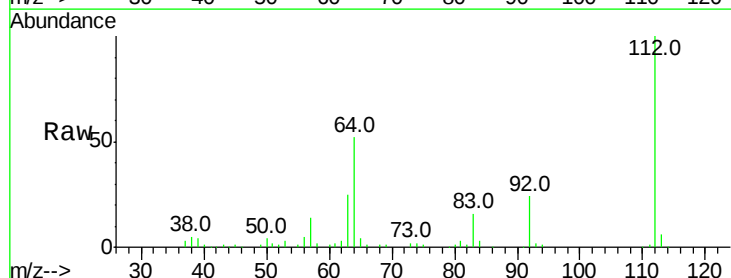
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



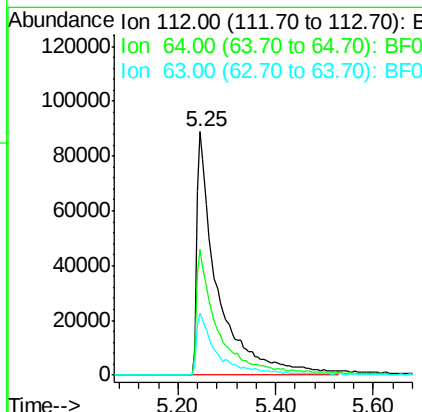
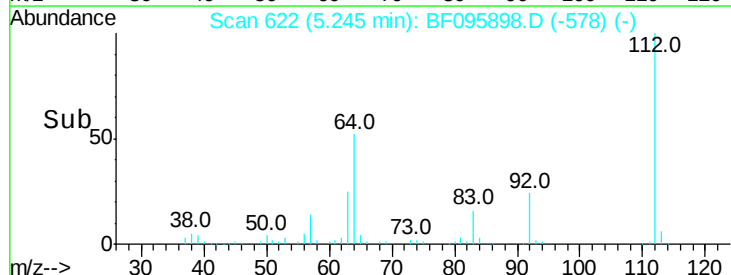
#5

2-Fluorophenol
Concen: 63.39 ng
RT: 5.25 min Scan# 622
Delta R.T. -0.04 min
Lab File: BF095898.D
Acq: 13 Jun 2017 17:28

Tgt Ion:112 Resp: 263354
Ion Ratio Lower Upper
112 100
64 51.9 46.0 69.0
63 25.4 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





#7

Phenol-d6

Concen: 62.76 ng

RT: 6.91 min Scan# 905

Delta R.T. -0.05 min

Lab File: BF095898.D

Acq: 13 Jun 2017 17:28

Instrument :

BNA_F

ClientSampleId :

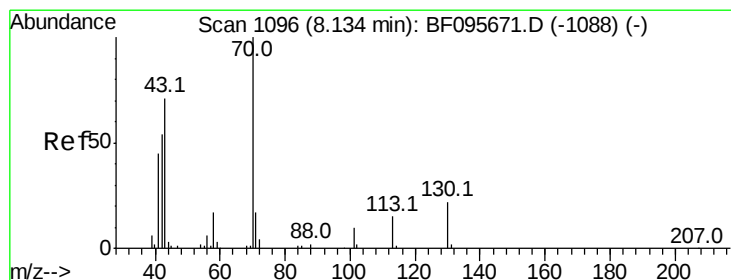
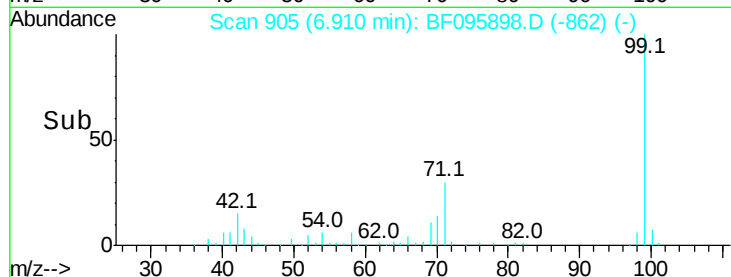
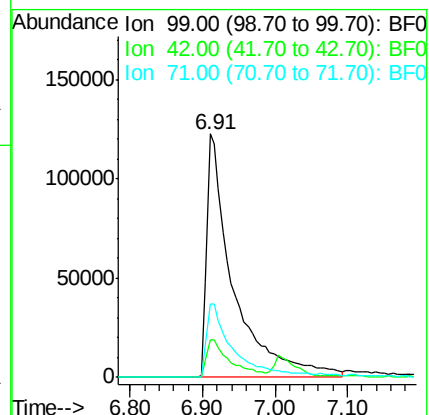
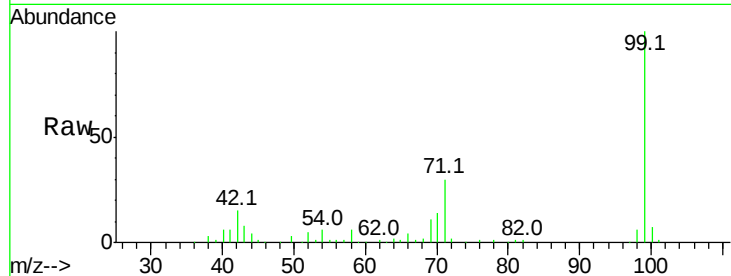
Tot Ion: 99 Resp: 312148

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

71 30.0 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 6.95 ng

RT: 8.27 min Scan# 1136

Delta R.T. 0.14 min

Lab File: BF095898.D

Acq: 13 Jun 2017 17:28

Tgt Ion: 70 Resp: 21893

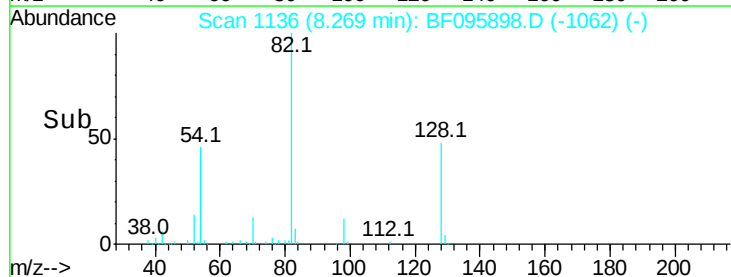
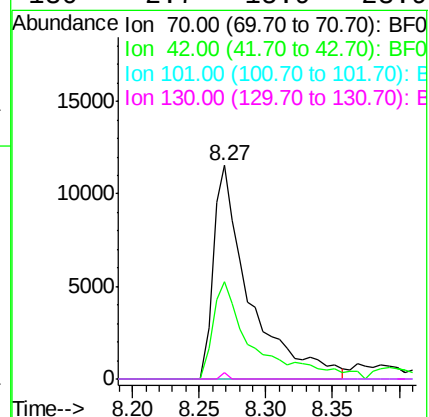
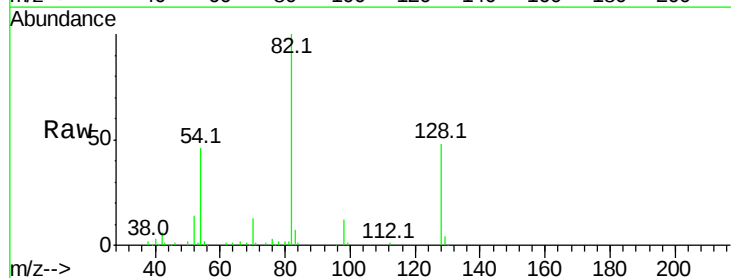
Ion Ratio Lower Upper

70 100

42 45.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.38 min Scan# 1325

Delta R.T. -0.05 min

Lab File: BF095898.D

Acq: 13 Jun 2017 17:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 265255

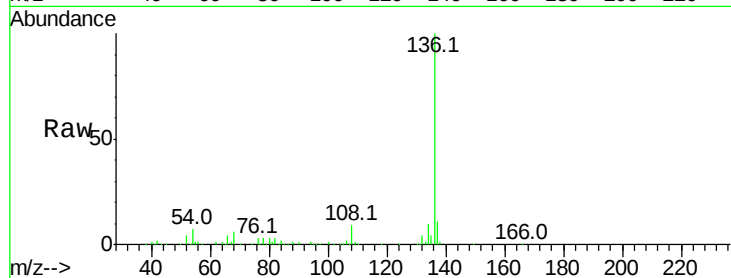
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.8 4.9 7.3

68 5.5 4.1 6.1

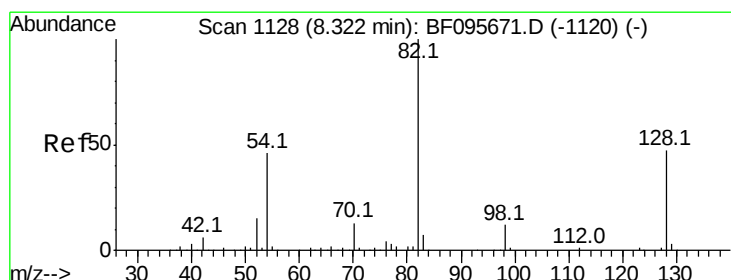
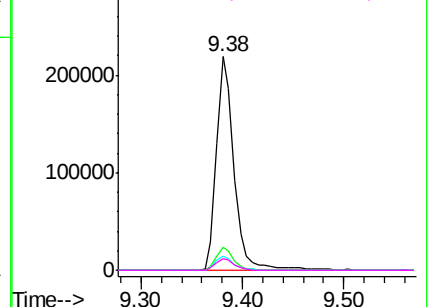
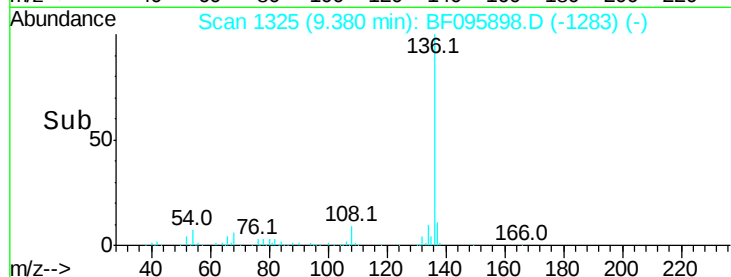


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 44.49 ng

RT: 8.27 min Scan# 1136

Delta R.T. -0.05 min

Lab File: BF095898.D

Acq: 13 Jun 2017 17:28

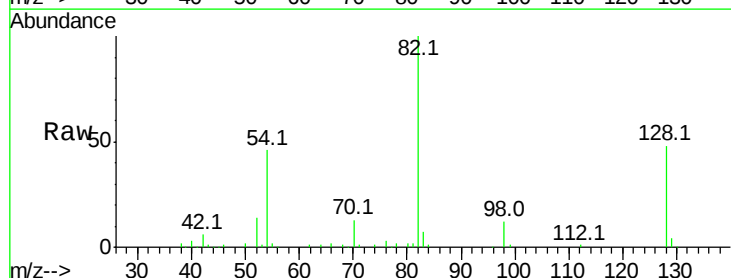
Tgt Ion: 82 Resp: 190030

Ion Ratio Lower Upper

82 100

128 47.6 34.0 51.0

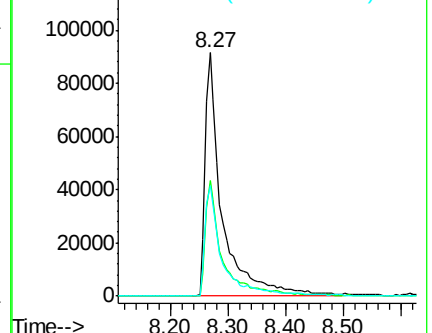
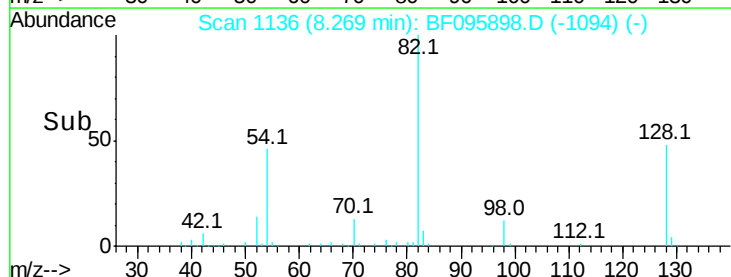
54 45.5 42.2 63.2

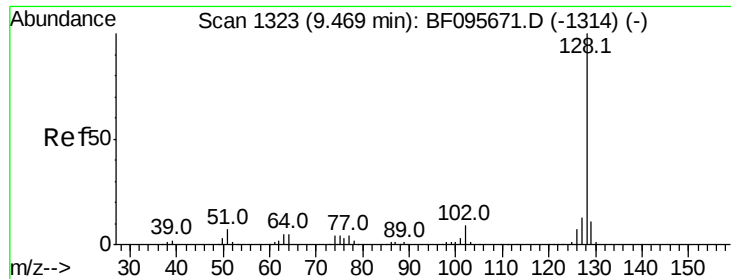


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

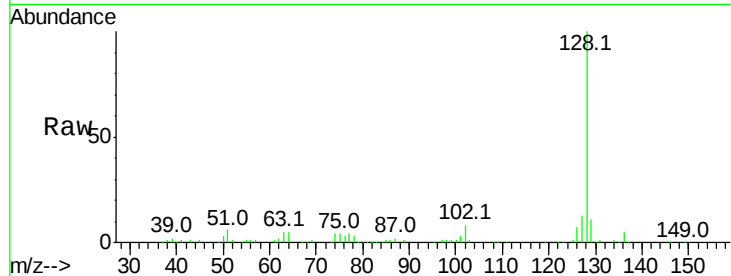




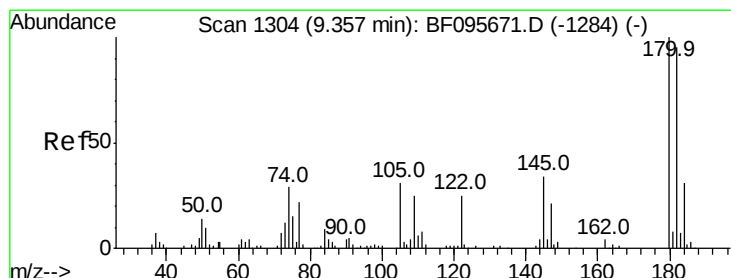
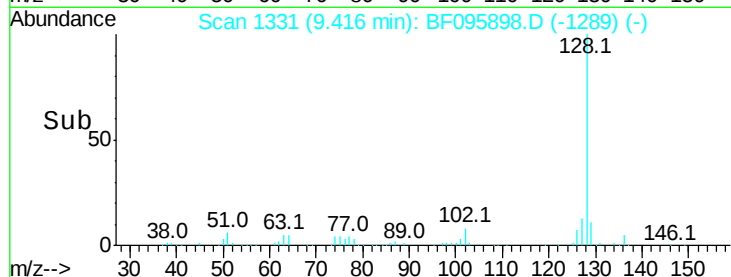
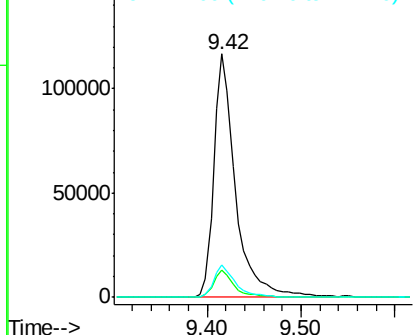
#31
Naphthalene
Concen: 14.25 ng
RT: 9.42 min Scan# 1331
Delta R.T. -0.05 min
Lab File: BF095898.D
Acq: 13 Jun 2017 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 189764
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.3 10.8 16.2

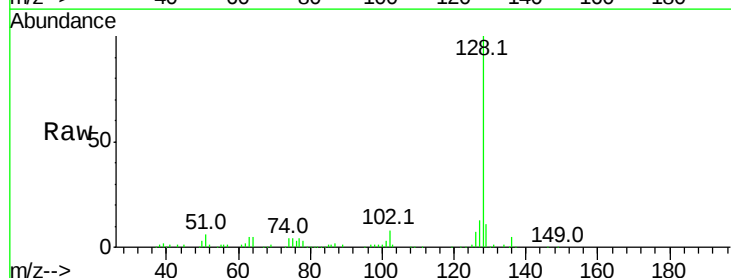


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

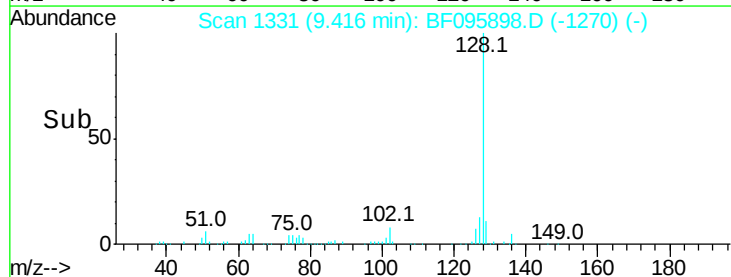
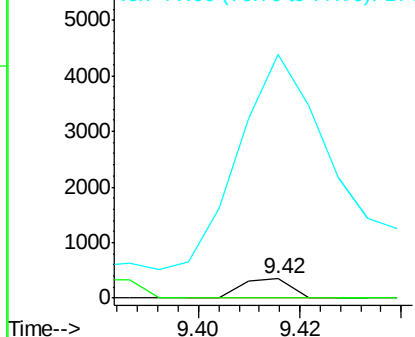


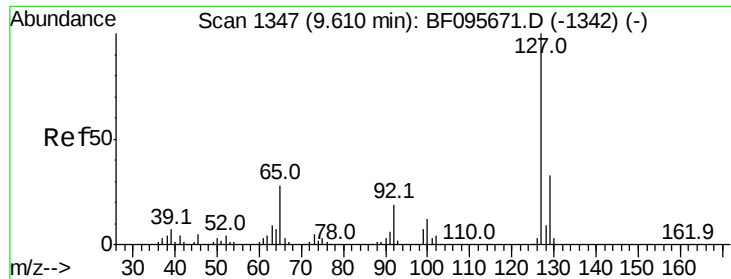
#32
Benzoic acid
Concen: 5.21 ng
RT: 9.42 min Scan# 1331
Delta R.T. 0.06 min
Lab File: BF095898.D
Acq: 13 Jun 2017 17:28

Tgt Ion:122 Resp: 232
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 1281.3 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

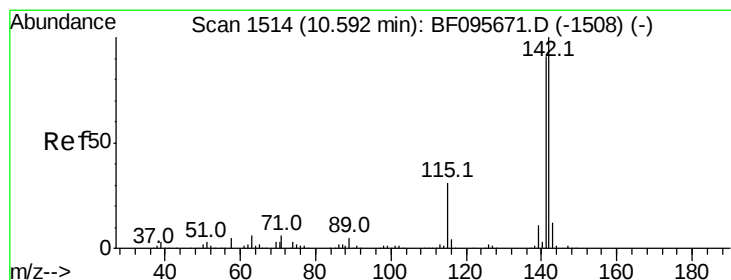
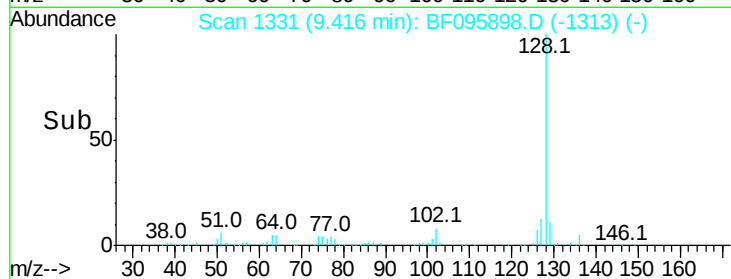
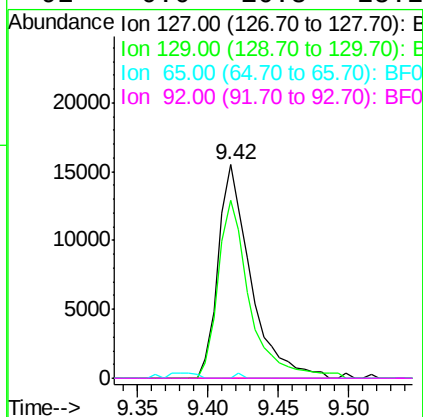
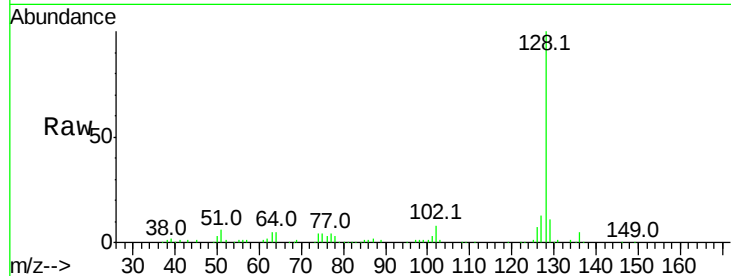




#33
4-Chloroaniline
Concen: 4.79 ng
RT: 9.42 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF095898.D
Acq: 13 Jun 2017 17:28

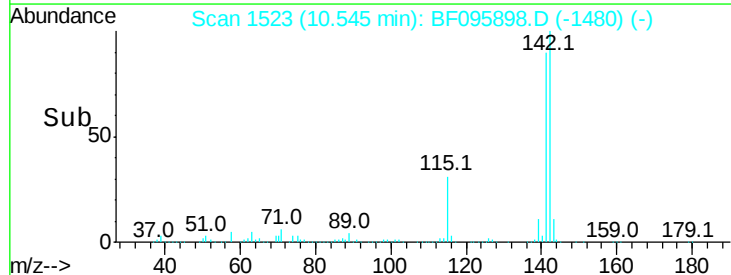
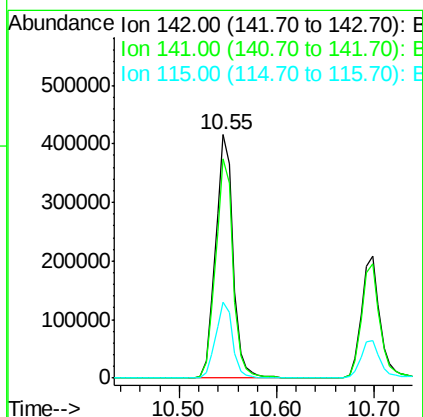
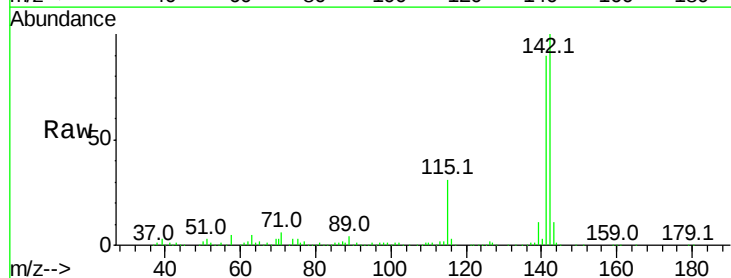
Instrument :
BNA_F
ClientSampleId :

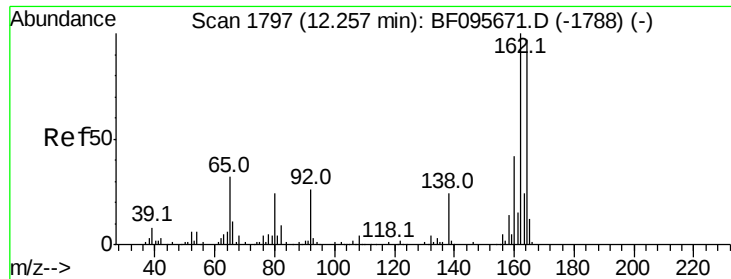
Tot Ion:	127	Resp:	24924
Ion	Ratio	Lower	Upper
127	100		
129	83.2	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



#37
2-Methylnaphthalene
Concen: 57.49 ng
RT: 10.55 min Scan# 1523
Delta R.T. -0.05 min
Lab File: BF095898.D
Acq: 13 Jun 2017 17:28

Tgt Ion:	142	Resp:	517051
Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.3	106.9
115	31.1	27.1	40.7

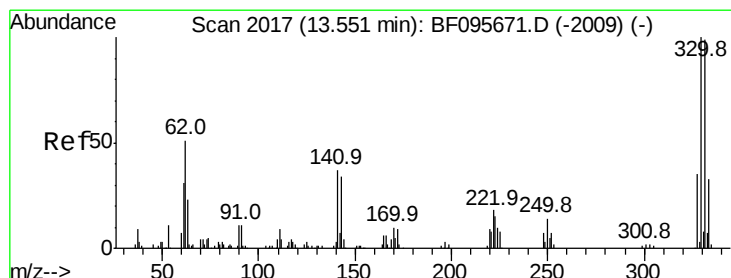
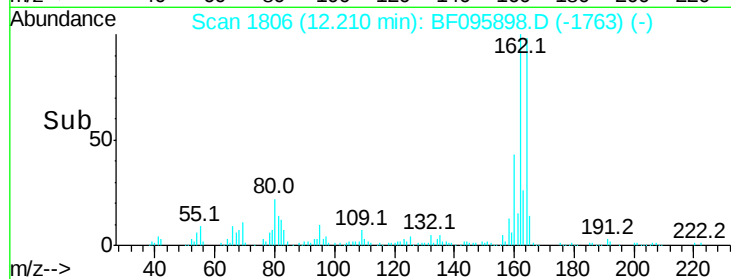
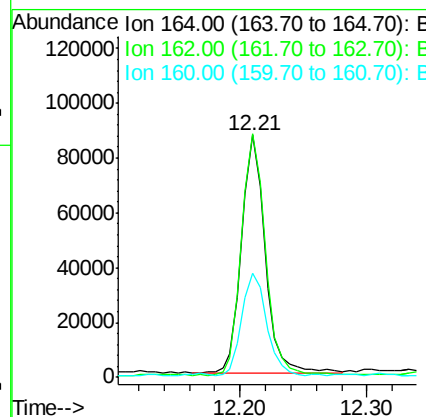
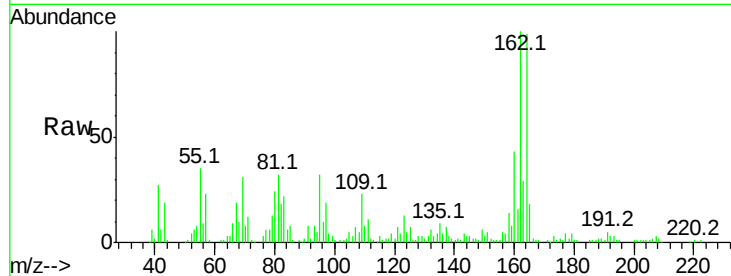




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.21 min Scan# 1806
Delta R.T. -0.05 min
Lab File: BF095898.D
Acq: 13 Jun 2017 17:28

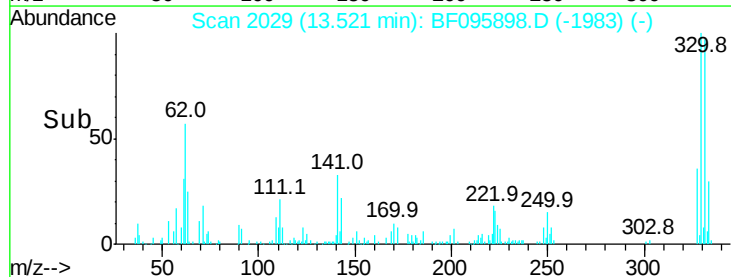
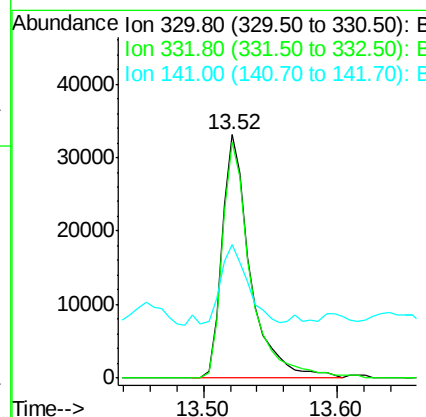
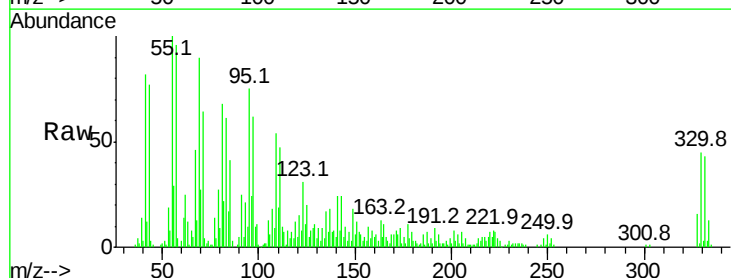
Instrument :
BNA_F
ClientSampled :

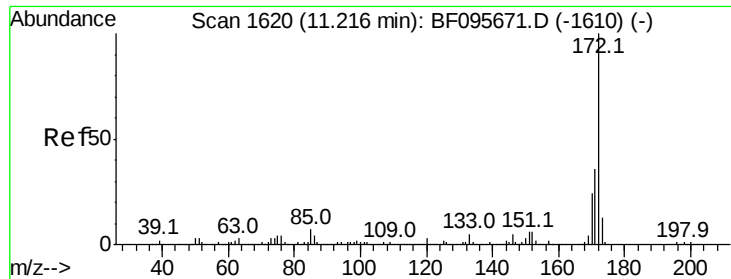
Tot Ion:164 Resp: 111954
Ion Ratio Lower Upper
164 100
162 100.5 82.6 123.8
160 42.8 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 49.61 ng
RT: 13.52 min Scan# 2029
Delta R.T. -0.03 min
Lab File: BF095898.D
Acq: 13 Jun 2017 17:28

Tgt Ion:330 Resp: 49136
Ion Ratio Lower Upper
330 100
332 98.6 76.6 115.0
141 33.0 31.4 47.2

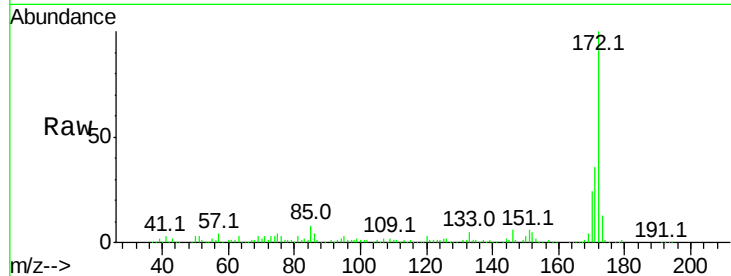




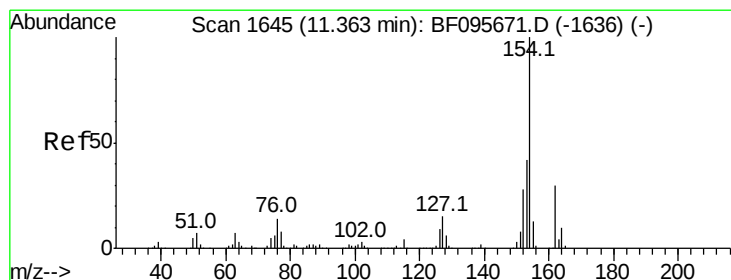
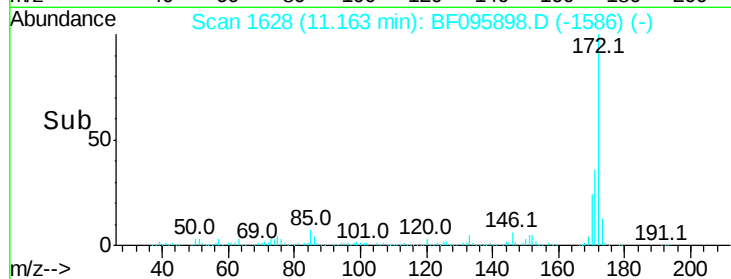
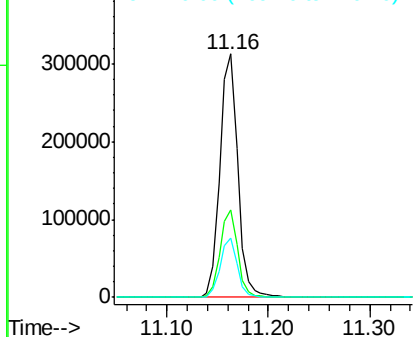
#44
2-Fluorobiphenyl
Concen: 47.70 ng
RT: 11.16 min Scan# 1628
Delta R.T. -0.05 min
Lab File: BF095898.D
Acq: 13 Jun 2017 17:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 383784
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.2 19.8 29.8

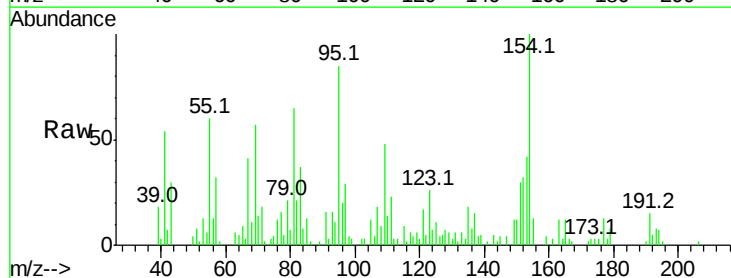


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

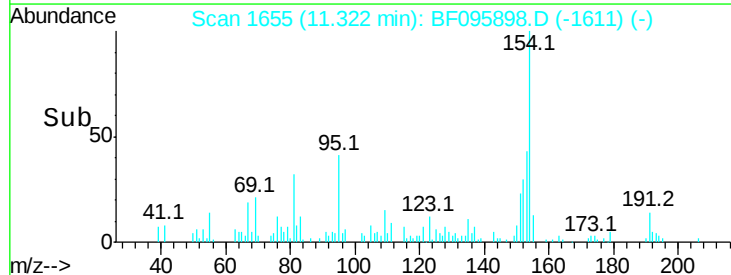
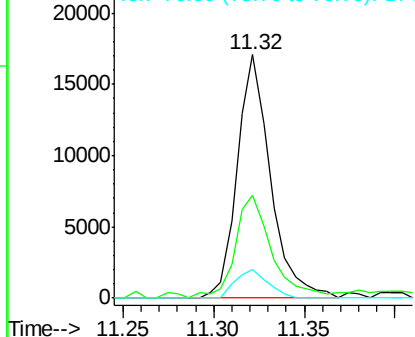


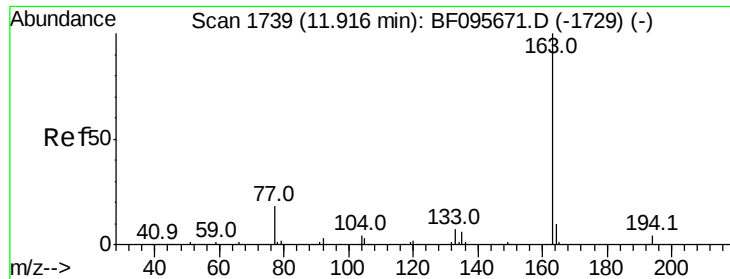
#45
1,1'-Biphenyl
Concen: 2.36 ng
RT: 11.32 min Scan# 1655
Delta R.T. -0.04 min
Lab File: BF095898.D
Acq: 13 Jun 2017 17:28

Tgt Ion:154 Resp: 21775
Ion Ratio Lower Upper
154 100
153 42.0 21.2 61.2
76 11.8 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





#49

Dimethylphthalate

Concen: 3.86 ng

RT: 11.86 min Scan# 1747

Delta R.T. -0.05 min

Lab File: BF095898.D

Acq: 13 Jun 2017 17:28

Instrument :

BNA_F

ClientSampleId :

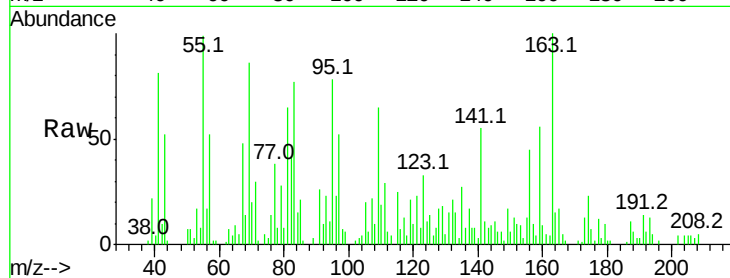
Tot Ion:163 Resp: 32776

Ion Ratio Lower Upper

163 100

194 5.4 2.6 4.0#

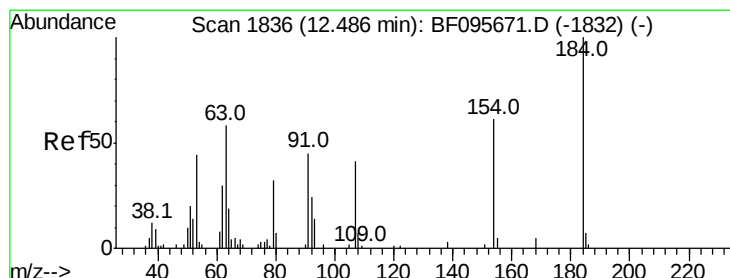
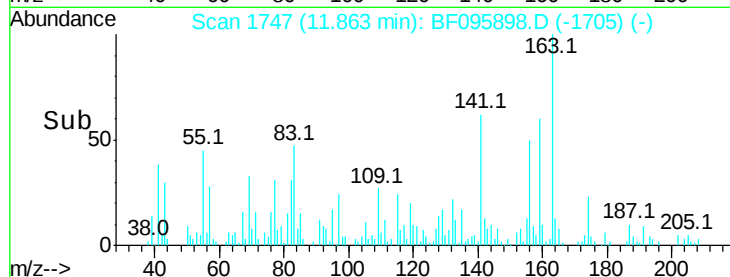
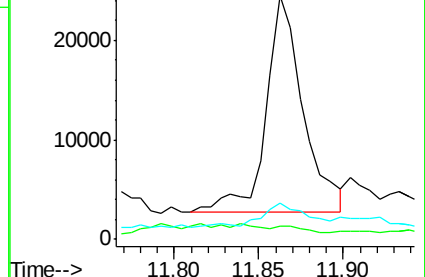
164 14.7 8.4 12.6#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 6.67 ng

RT: 12.56 min Scan# 1865

Delta R.T. 0.07 min

Lab File: BF095898.D

Acq: 13 Jun 2017 17:28

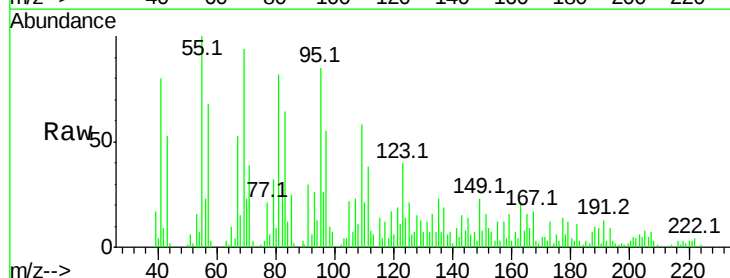
Tgt Ion:184 Resp: 226

Ion Ratio Lower Upper

184 100

63 355.0 62.7 94.1#

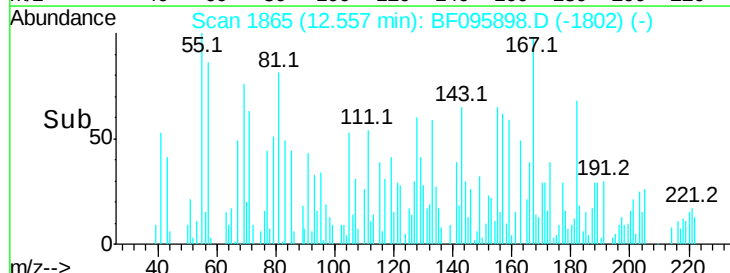
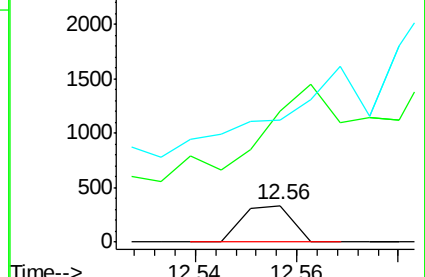
154 331.1 81.1 121.7#

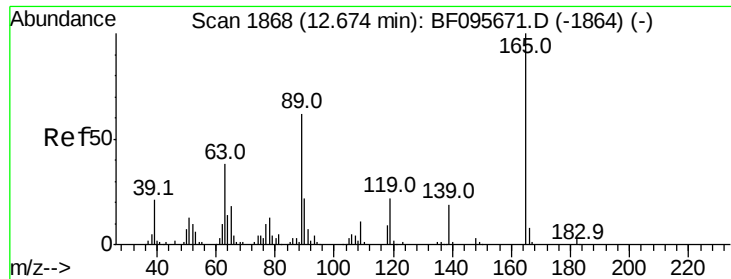


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

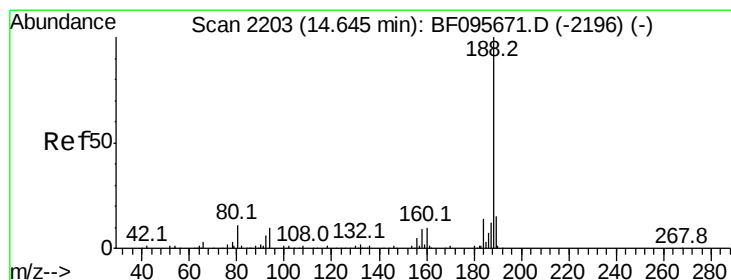
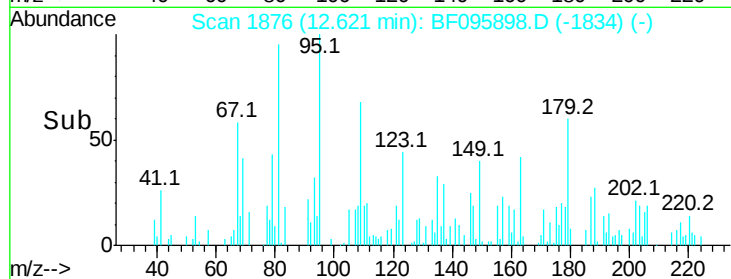
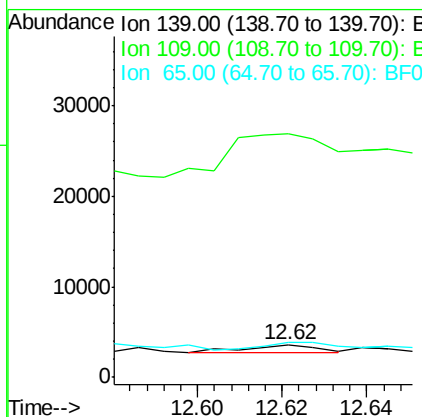
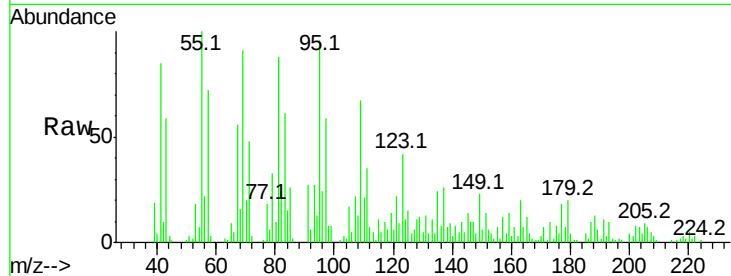




#55
4-Nitrophenol
Concen: 5.25 ng
RT: 12.62 min Scan# 1876
Delta R.T. -0.05 min
Lab File: BF095898.D
Acq: 13 Jun 2017 17:28

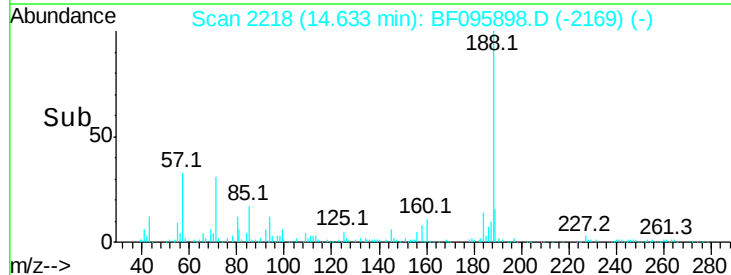
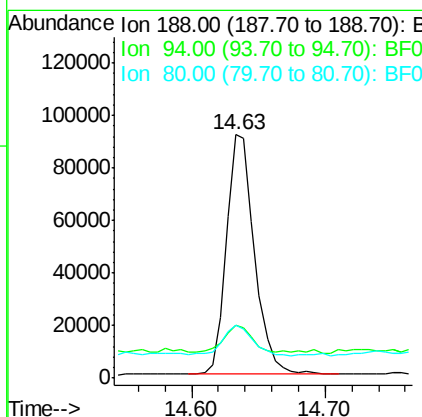
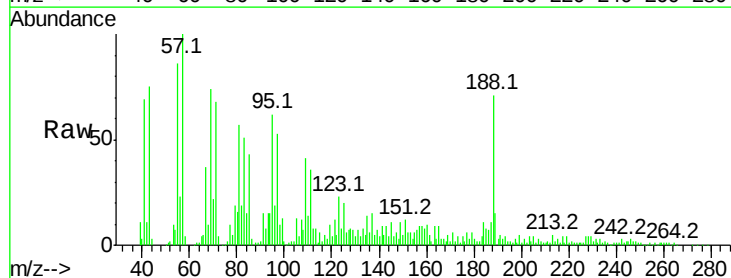
Instrument :
BNA_F
ClientSampleId :

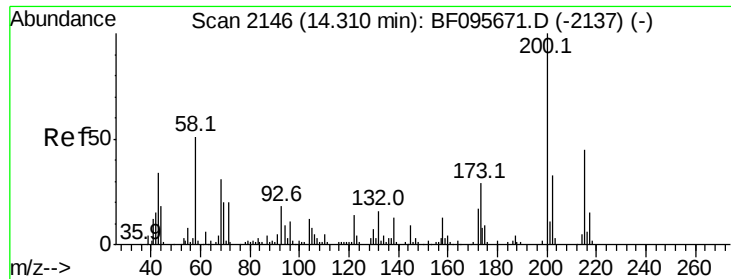
Tot Ion:139 Resp: 834
Ion Ratio Lower Upper
139 100
109 739.3 34.1 74.1#
65 104.3 31.4 71.4#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF095898.D
Acq: 13 Jun 2017 17:28

Tgt Ion:188 Resp: 134019
Ion Ratio Lower Upper
188 100
94 21.7 9.4 14.2#
80 21.8 10.2 15.2#

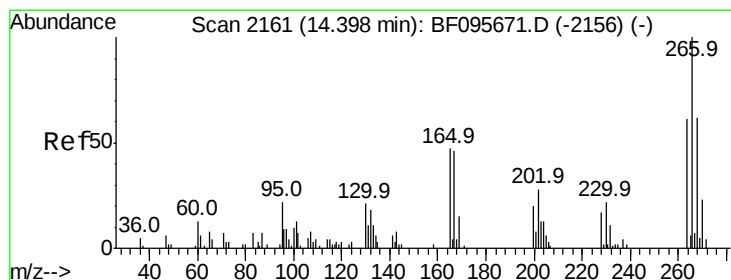
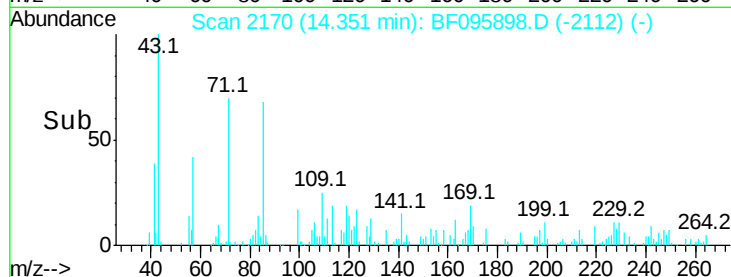
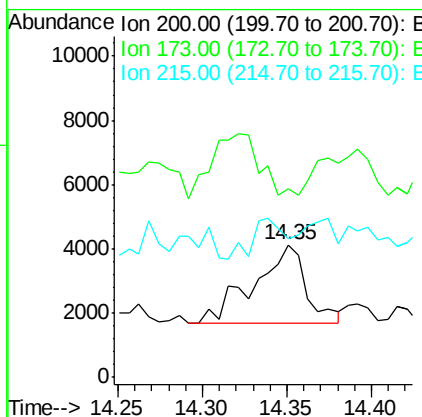
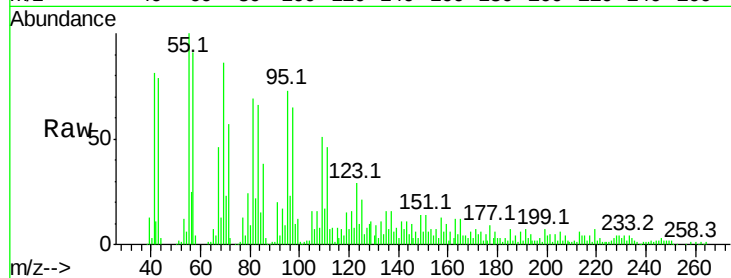




#68
Atrazine
Concen: 3.87 ng
RT: 14.35 min Scan# 2170
Delta R.T. 0.04 min
Lab File: BF095898.D
Acq: 13 Jun 2017 17:28

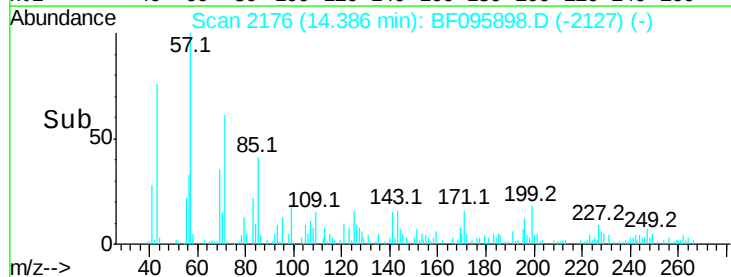
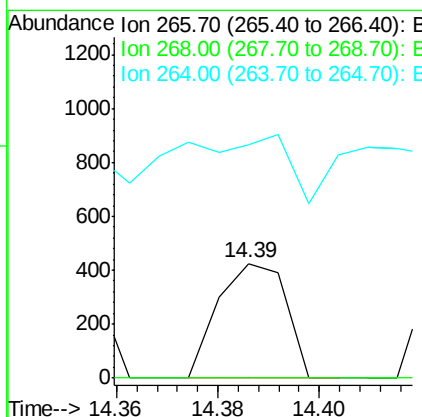
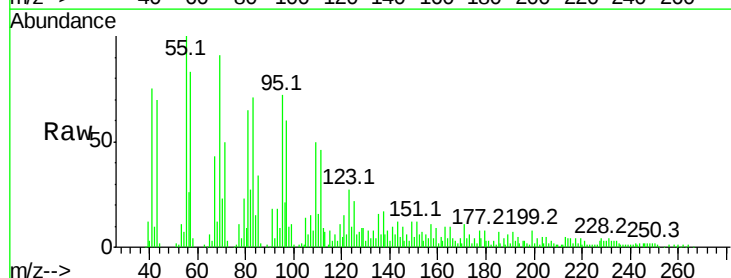
Instrument :
BNA_F
ClientSampled :

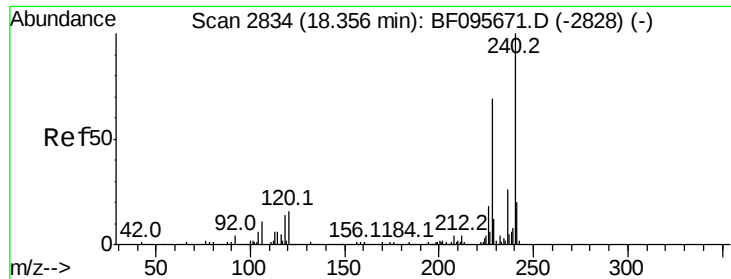
Tot Ion:200 Resp: 5183
Ion Ratio Lower Upper
200 100
173 141.8 6.3 46.3#
215 104.4 27.2 67.2#



#69
Pentachlorophenol
Concen: 7.30 ng
RT: 14.39 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF095898.D
Acq: 13 Jun 2017 17:28

Tgt Ion:266 Resp: 394
Ion Ratio Lower Upper
266 100
268 0.0 51.1 76.7#
264 203.3 51.7 77.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.33 min Scan# 2847

Delta R.T. -0.02 min

Lab File: BF095898.D

Acq: 13 Jun 2017 17:28

Instrument :

BNA_F

ClientSampleId :

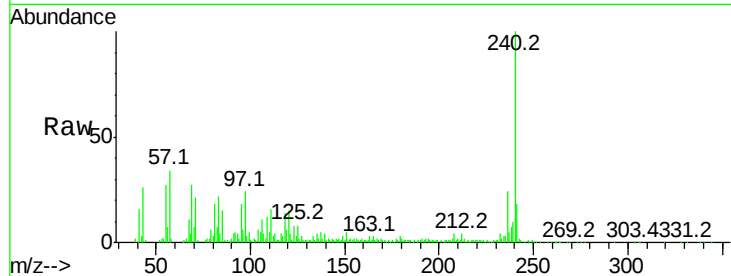
Tot Ion:240 Resp: 125951

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

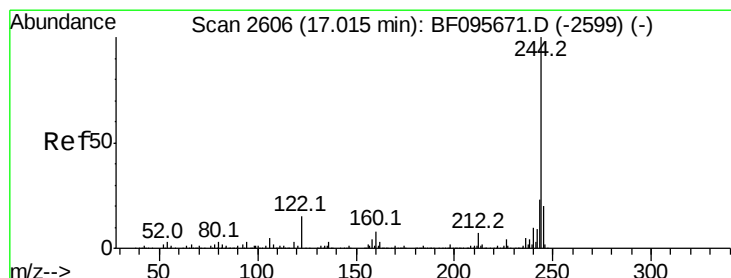
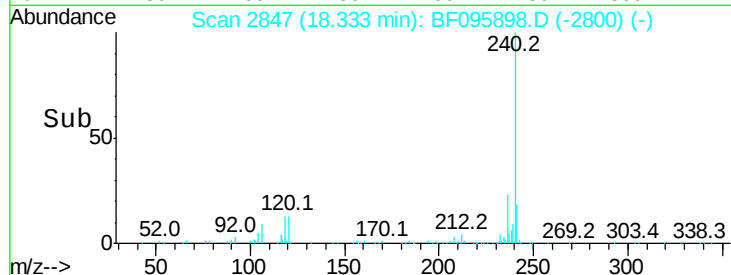
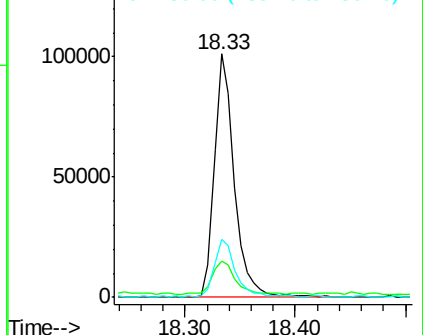
236 23.6 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 40.22 ng

RT: 17.00 min Scan# 2620

Delta R.T. -0.02 min

Lab File: BF095898.D

Acq: 13 Jun 2017 17:28

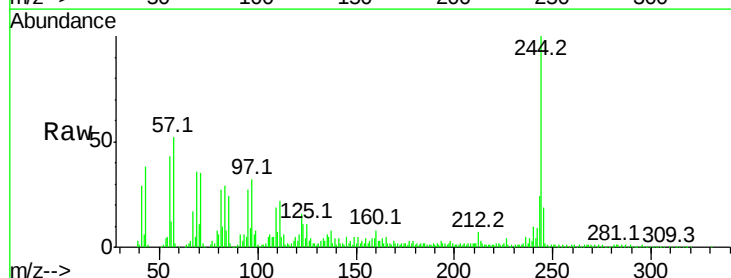
Tgt Ion:244 Resp: 204132

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

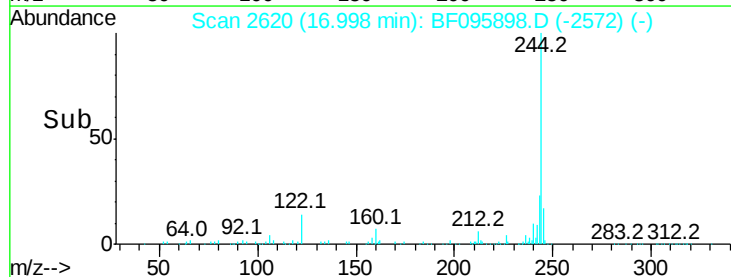
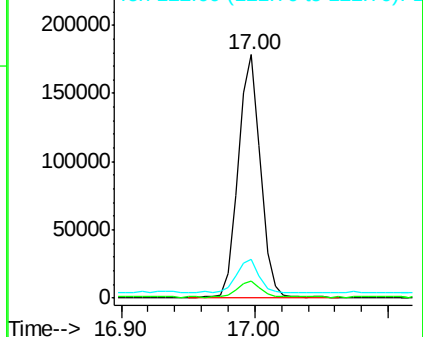
122 16.1 10.3 15.5#

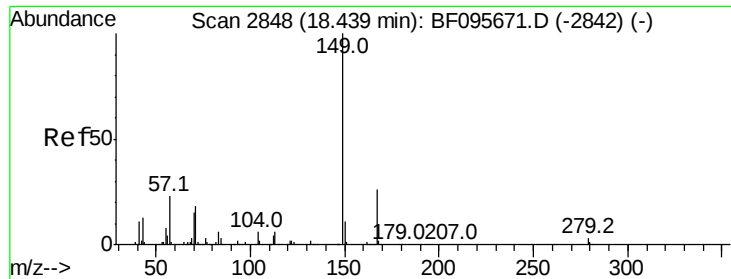


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

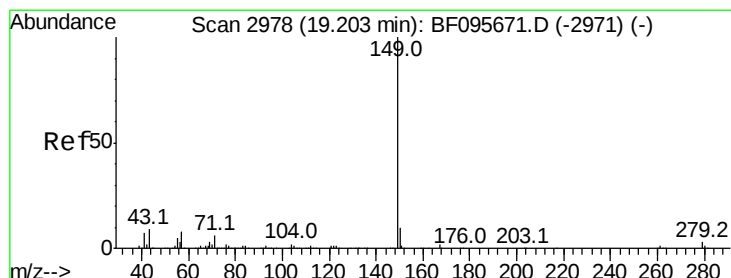
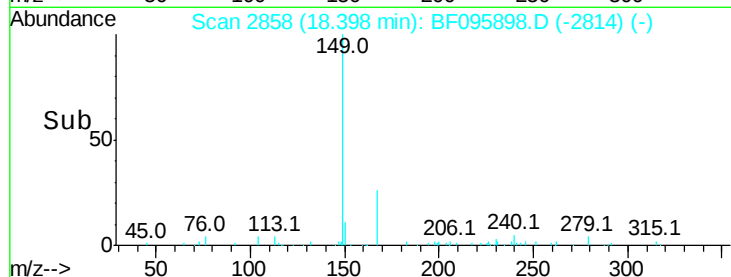
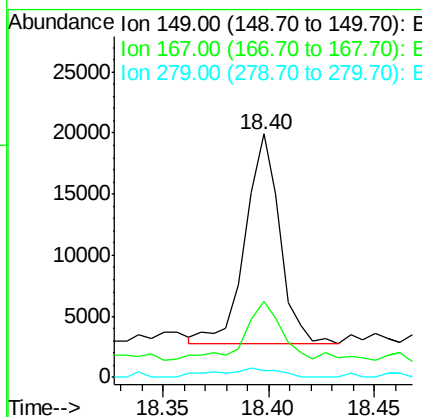
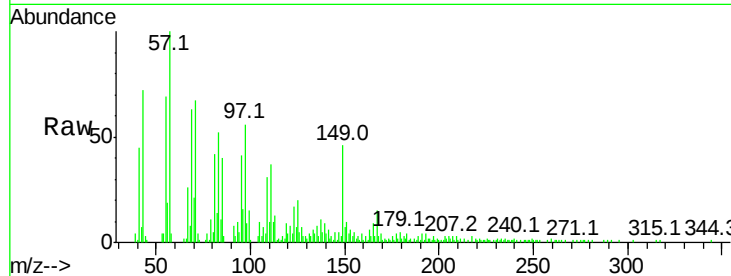




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.34 ng
 RT: 18.40 min Scan# 2858
 Delta R.T. -0.04 min
 Lab File: BF095898.D
 Acq: 13 Jun 2017 17:28

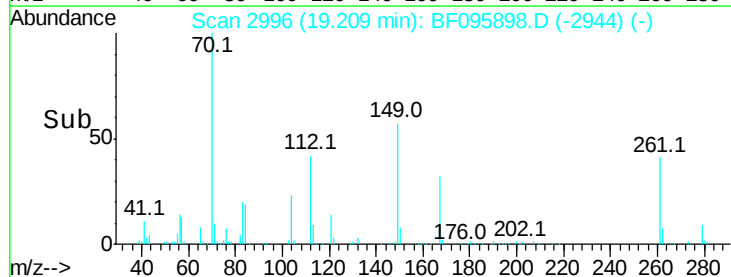
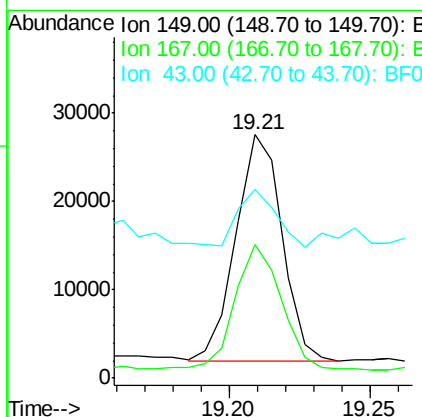
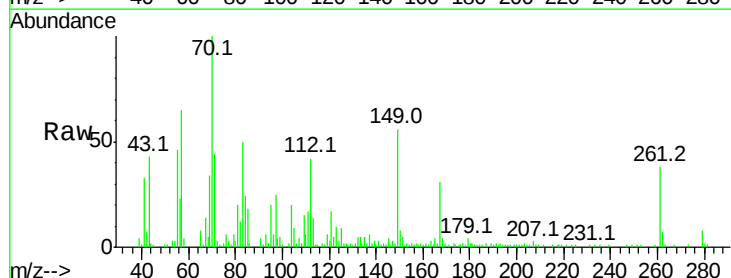
Instrument :
 BNA_F
 ClientSampleId :

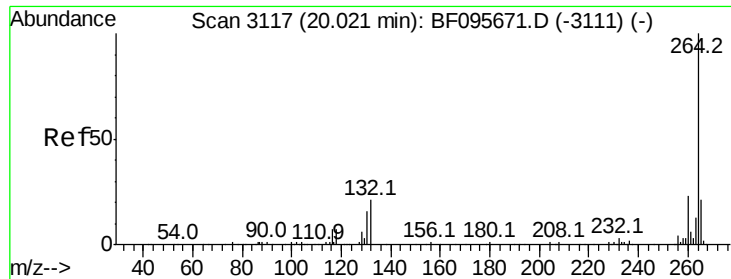
Tot Ion:149 Resp: 19356
 Ion Ratio Lower Upper
 149 100
 167 31.3 21.0 31.4
 279 2.9 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 3.05 ng
 RT: 19.21 min Scan# 2996
 Delta R.T. 0.01 min
 Lab File: BF095898.D
 Acq: 13 Jun 2017 17:28

Tgt Ion:149 Resp: 29132
 Ion Ratio Lower Upper
 149 100
 167 55.9 1.2 1.8#
 43 27.7 8.5 12.7#

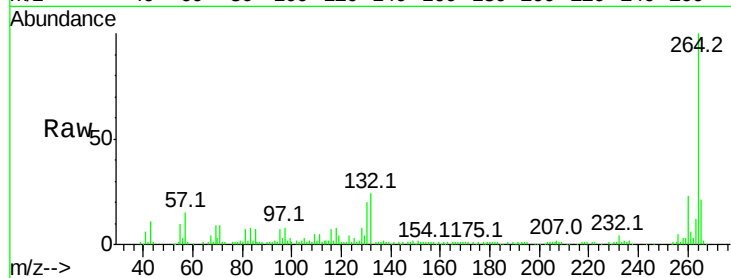




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 19.99 min Scan# 3129
 Delta R.T. -0.03 min
 Lab File: BF095898.D
 Acq: 13 Jun 2017 17:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 124864
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 21.2 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 120000
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

