

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092917\
 Data File : BF098955.D
 Acq On : 29 Sep 2017 18:31
 Operator : SJ/JU
 Sample : I5472-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 29 19:07:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

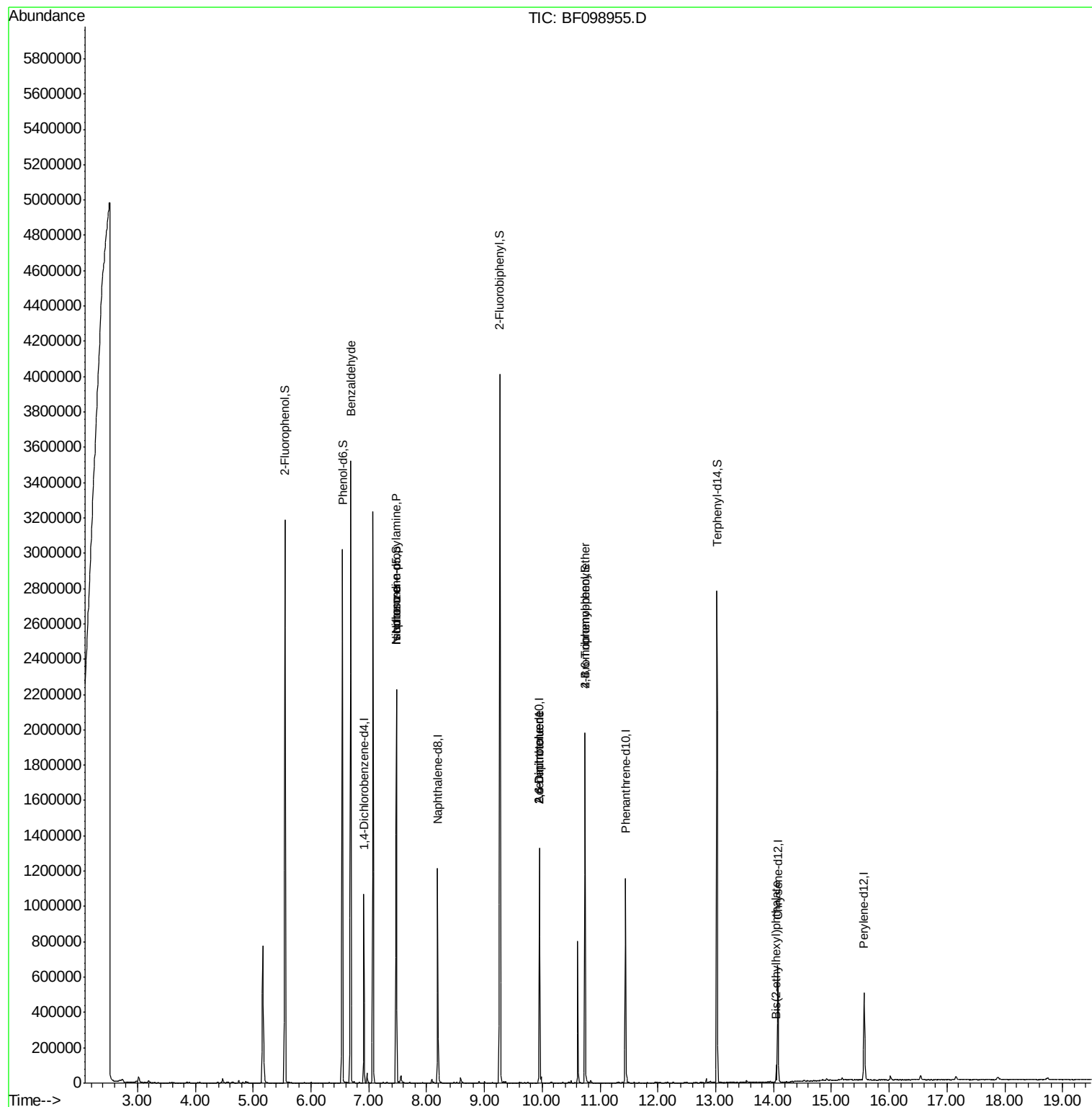
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	137566	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	571145	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	249892	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	364771	20.00	ng	0.00
75) Chrysene-d12	14.07	240	199821	20.00	ng	-0.01
86) Perylene-d12	15.57	264	222359	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1041585	120.53	ng	0.01
7) Phenol-d6	6.55	99	1130836	106.08	ng	0.00
23) Nitrobenzene-d5	7.48	82	861873	96.77	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	244103	119.38	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1486322	99.29	ng	-0.01
78) Terphenyl-d14	13.02	244	890686	101.37	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.69	77	23837	3.855	ng	81
19) n-Nitroso-di-n-propylamine	7.48	70	114163	16.773	ng	# 75
25) Isophorone	7.48	82	861855	46.806	ng	# 64
50) 2,6-Dinitrotoluene	9.95	165	31076	7.568	ng	# 25
56) 2,4-Dinitrotoluene	9.95	165	31076	5.832	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	16891	4.731	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.04	149	25197	2.555	ng	95

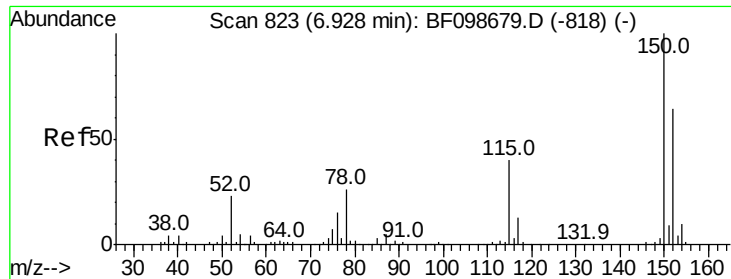
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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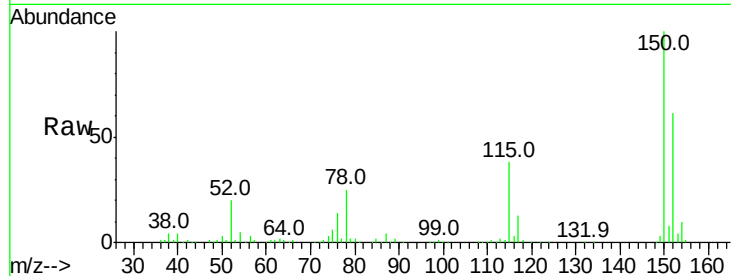


#1

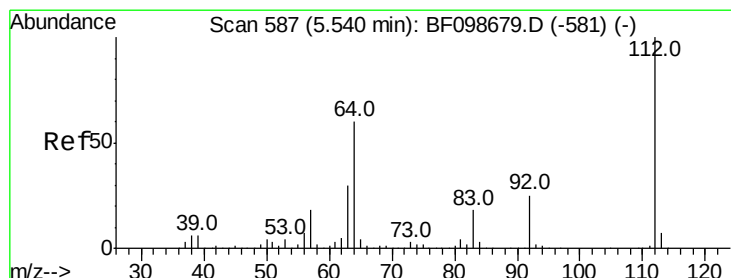
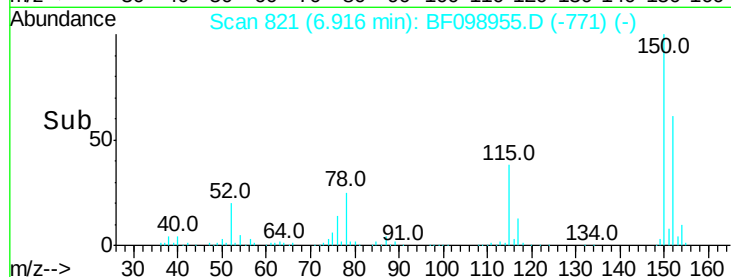
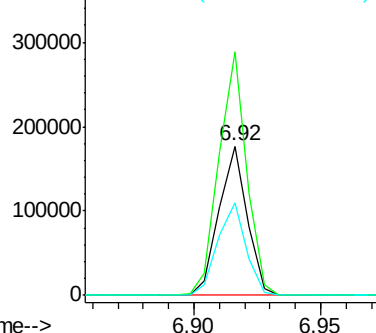
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098955.D
Acq: 29 Sep 2017 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137566
Ion Ratio Lower Upper
152 100
150 162.9 124.6 186.8
115 61.7 50.1 75.1



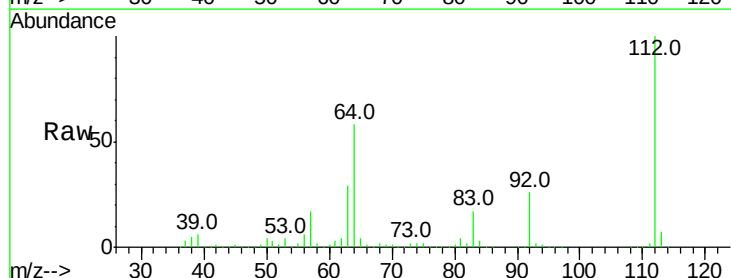
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



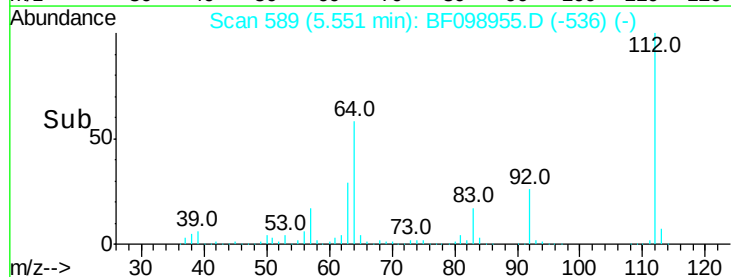
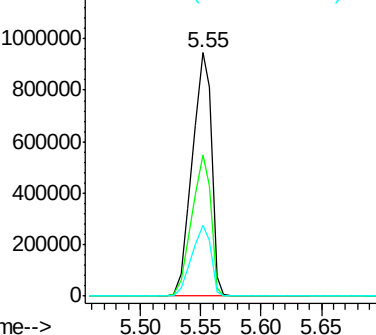
#5

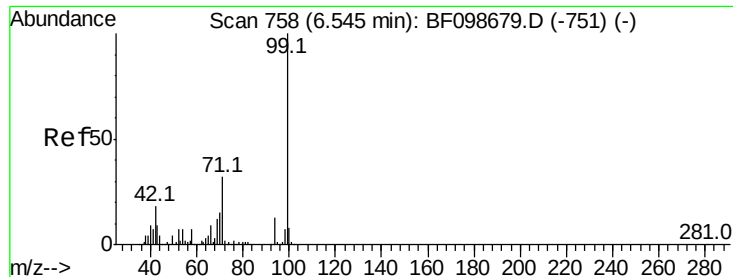
2-Fluorophenol
Concen: 120.531 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF098955.D
Acq: 29 Sep 2017 18:31

Tgt Ion:112 Resp: 1041585
Ion Ratio Lower Upper
112 100
64 57.8 47.9 71.9
63 29.1 23.7 35.5



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: 106.078 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098955.D

Acq: 29 Sep 2017 18:31

Instrument :

BNA_F

ClientSampled :

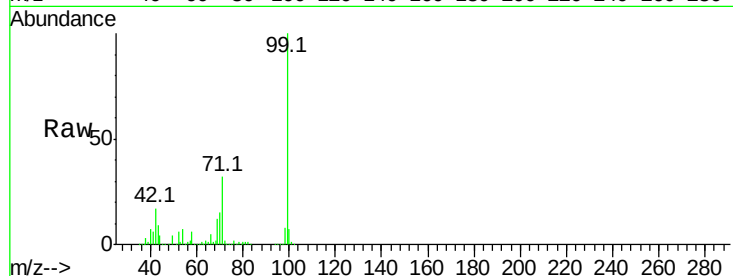
Tot Ion: 99 Resp: 1130836

Ion Ratio Lower Upper

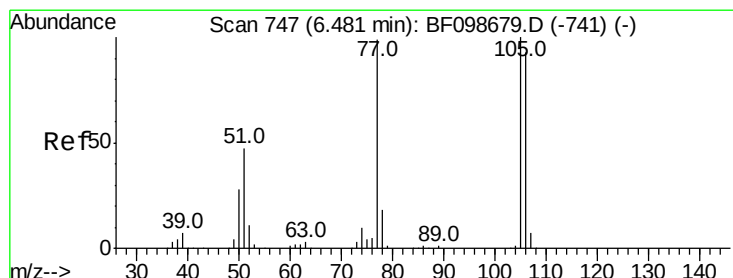
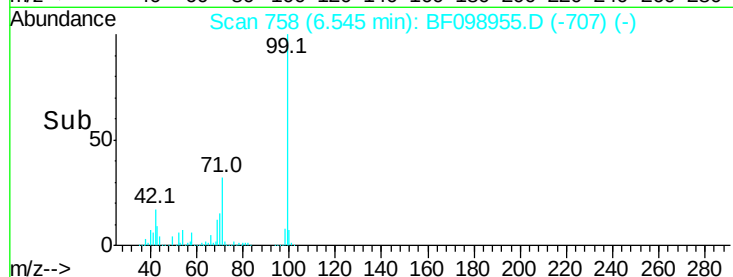
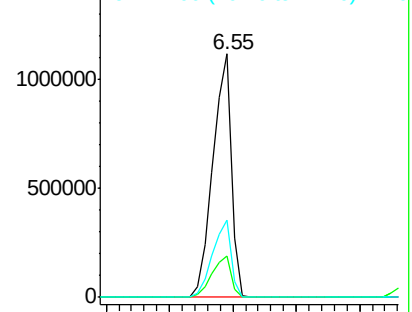
99 100

42 17.0 14.5 21.7

71 31.6 25.4 38.0



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



#9

Benzaldehyde

Concen: 3.855 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.21 min

Lab File: BF098955.D

Acq: 29 Sep 2017 18:31

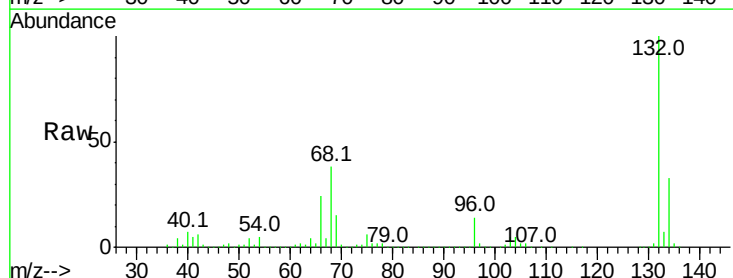
Tgt Ion: 77 Resp: 23837

Ion Ratio Lower Upper

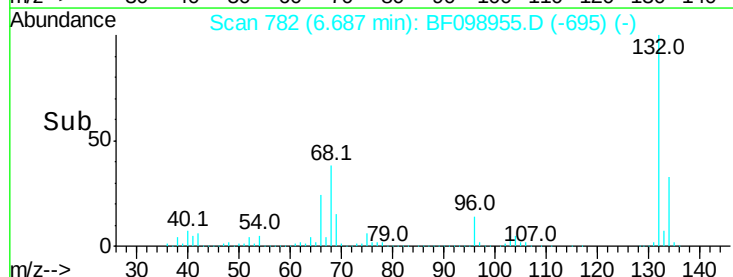
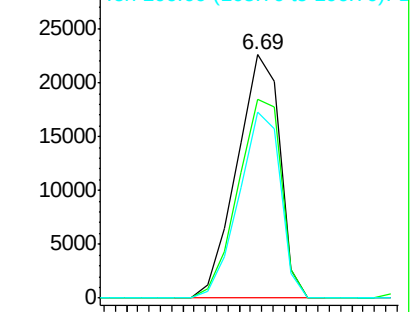
77 100

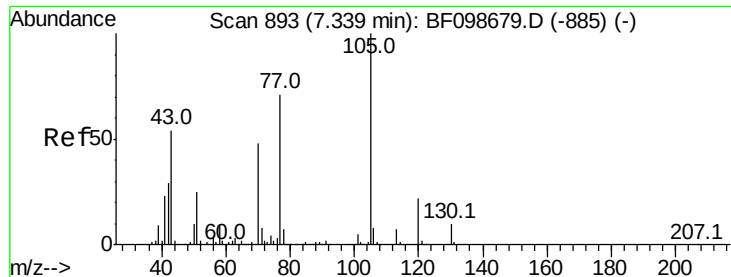
105 81.5 81.1 121.1

106 76.2 74.5 114.5



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

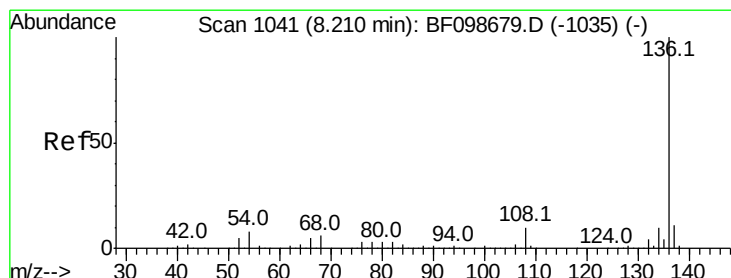
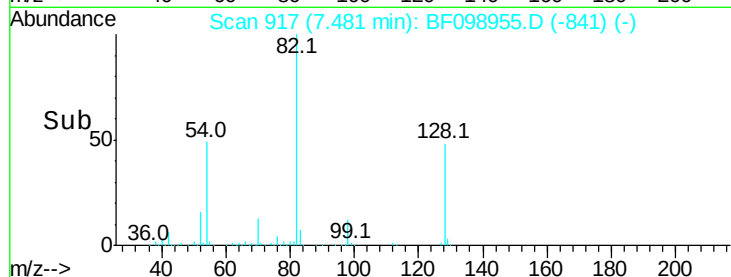
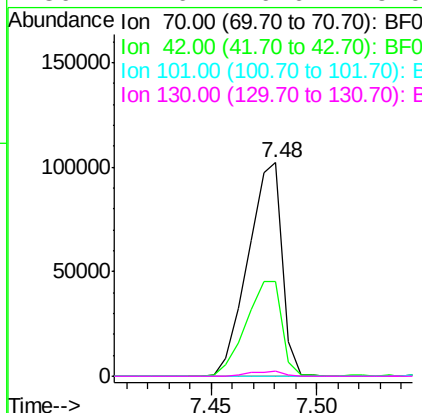
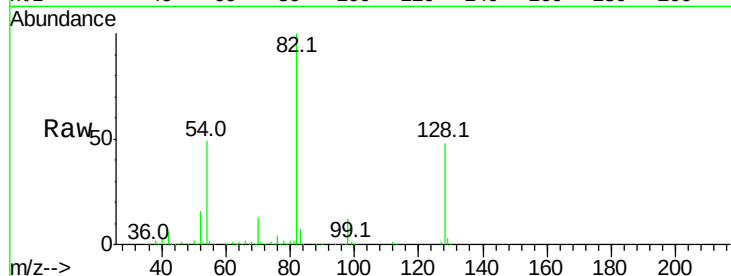




#19
n-Nitroso-di-n-propylamine
Concen: 16.773 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.15 min
Lab File: BF098955.D
Acq: 29 Sep 2017 18:31

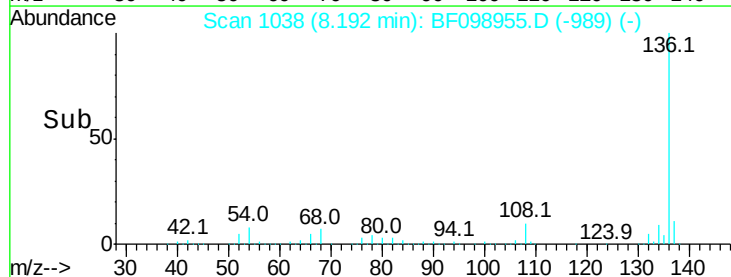
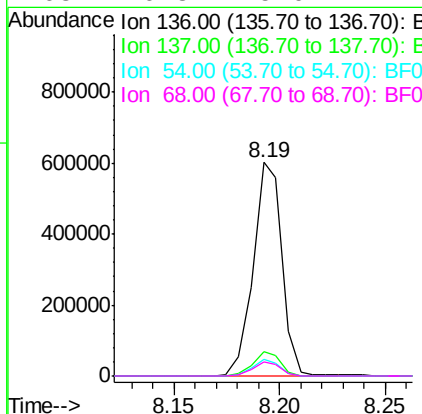
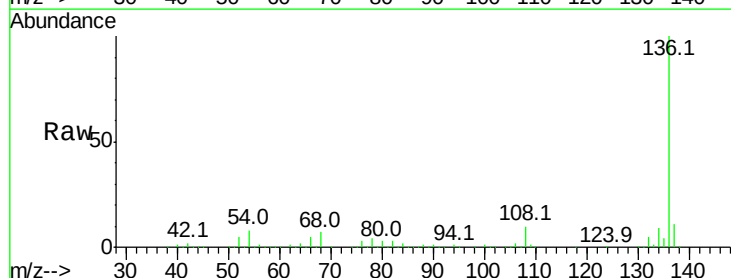
Instrument :
BNA_F
ClientSampleId :

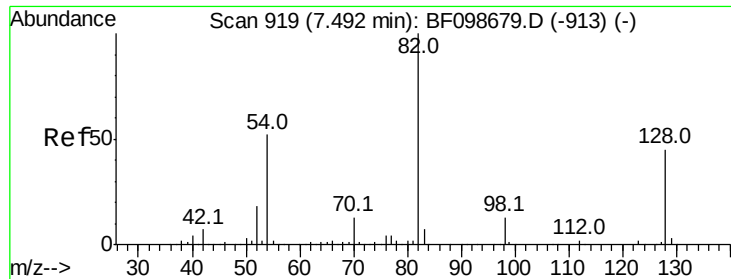
Tot Ion: 70 Resp: 114163
Ion Ratio Lower Upper
70 100
42 44.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF098955.D
Acq: 29 Sep 2017 18:31

Tgt Ion:136 Resp: 571145
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 8.0 6.6 9.8
68 6.8 5.0 7.4

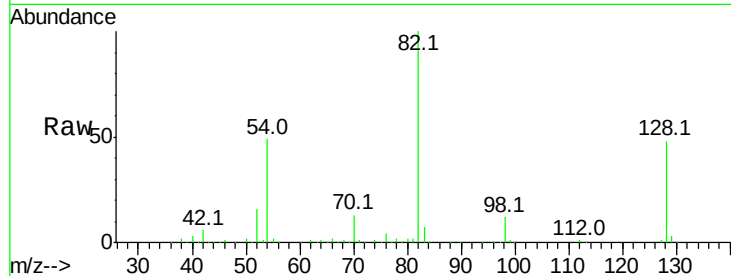




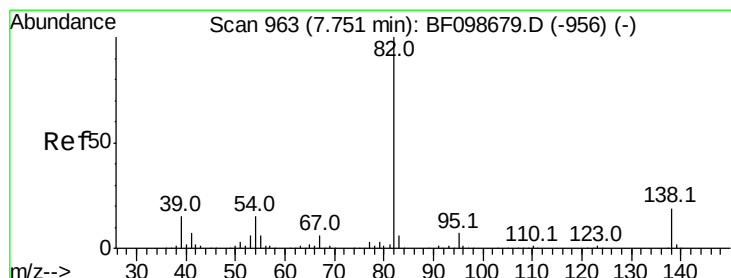
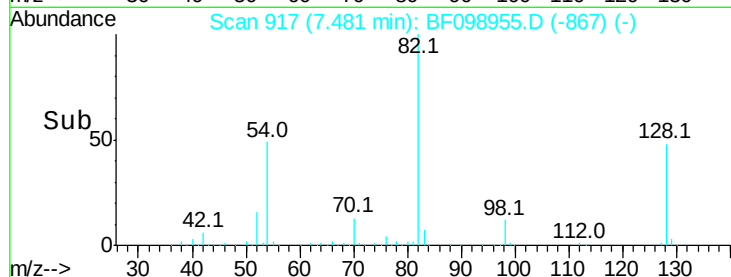
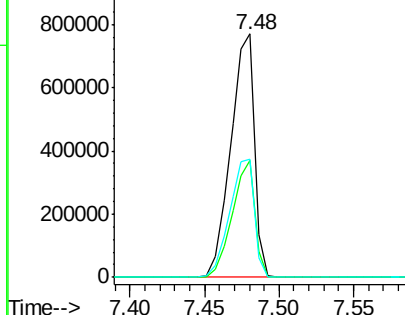
#23
Nitrobenzene-d5
Concen: 96.774 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098955.D
Acq: 29 Sep 2017 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 861873
Ion Ratio Lower Upper
82 100
128 48.0 36.1 54.1
54 48.7 41.4 62.2

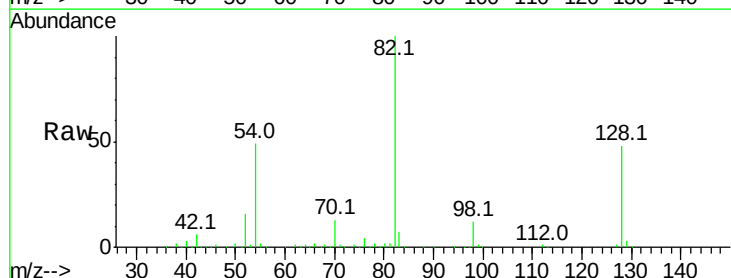


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

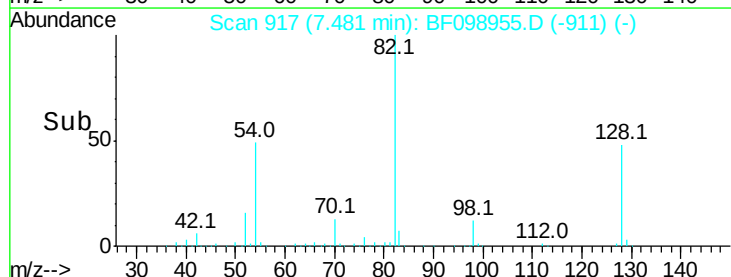
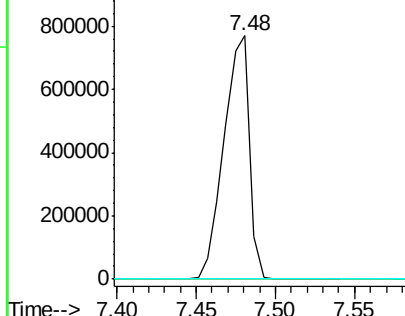


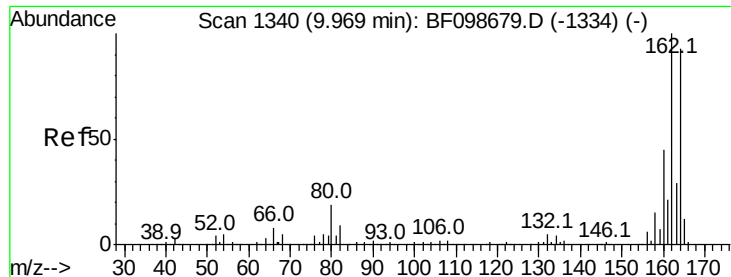
#25
Isophorone
Concen: 46.806 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.26 min
Lab File: BF098955.D
Acq: 29 Sep 2017 18:31

Tgt Ion: 82 Resp: 861855
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

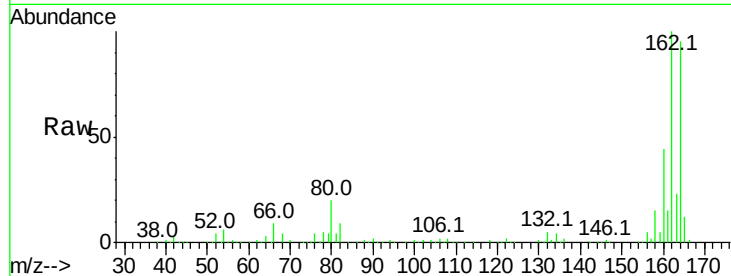




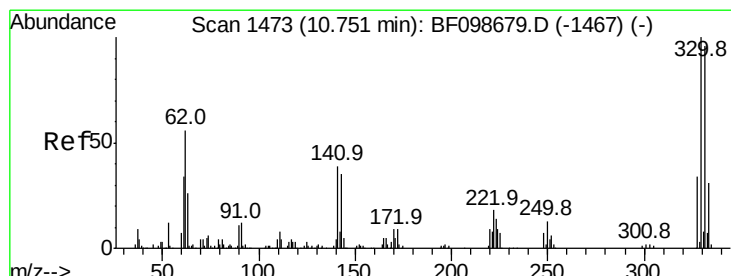
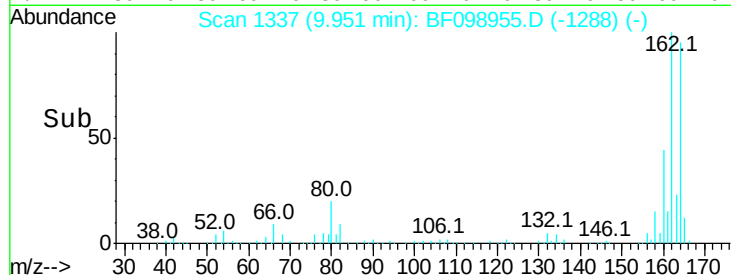
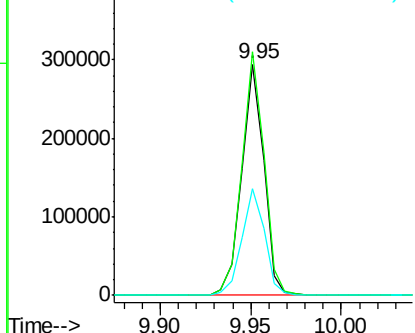
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098955.D
 Acq: 29 Sep 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 249892
 Ion Ratio Lower Upper
 164 100
 162 105.4 86.1 129.1
 160 46.3 38.3 57.5

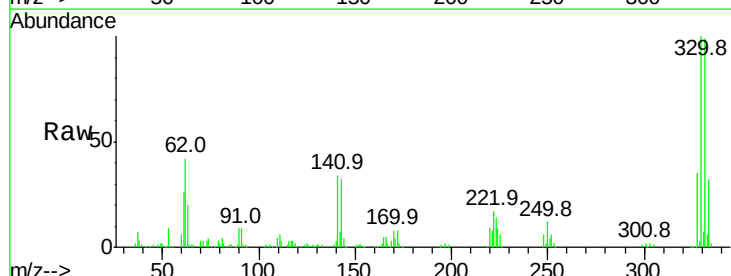


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

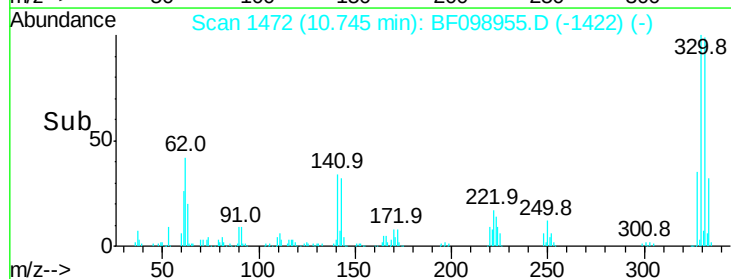
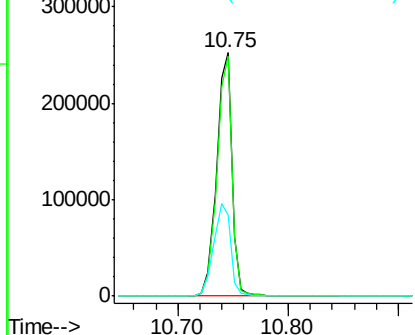


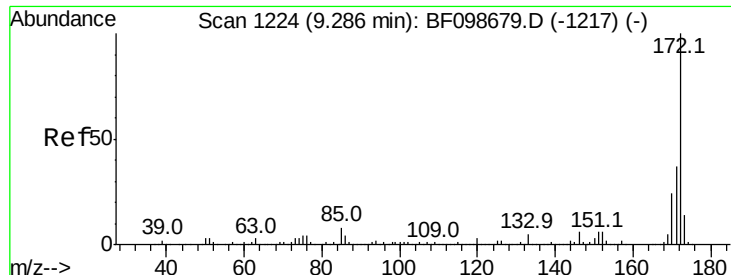
#41
 2,4,6-Tribromophenol
 Concen: 119.378 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098955.D
 Acq: 29 Sep 2017 18:31

Tgt Ion:330 Resp: 244103
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 42.0 29.9 44.9



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



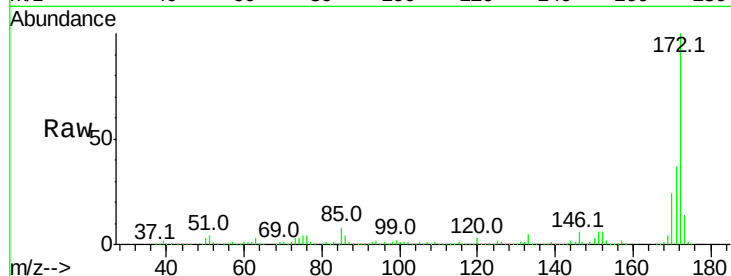


#44
 2-Fluorobiphenyl
 Concen: 99.295 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098955.D
 Acq: 29 Sep 2017 18:31

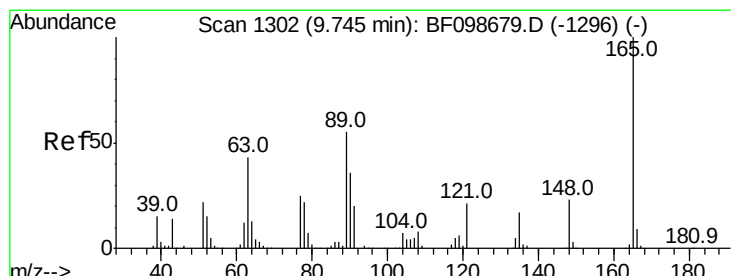
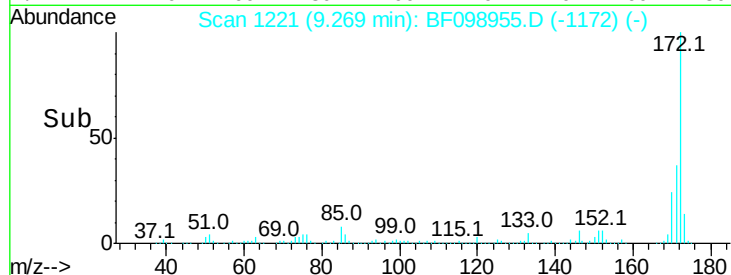
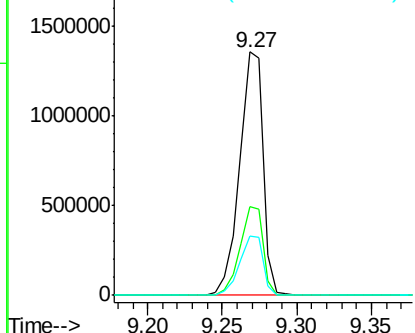
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1486322

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.2	19.6	29.4



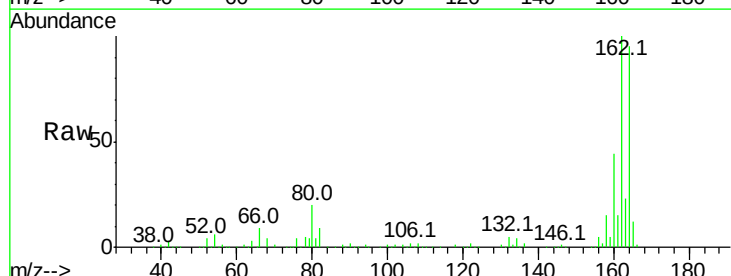
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



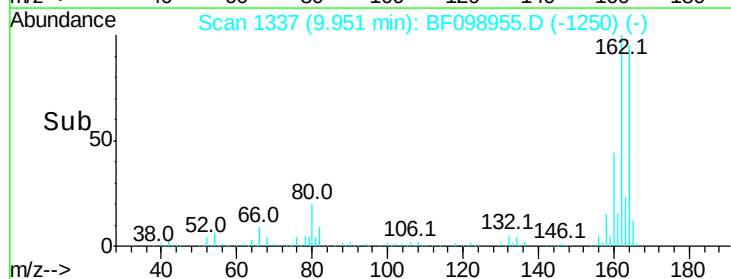
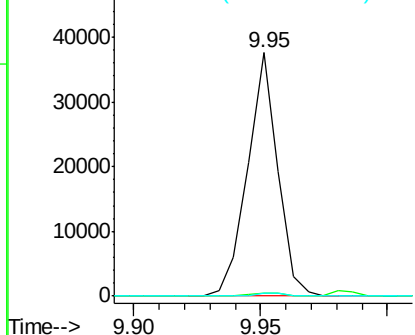
#50
 2,6-Dinitrotoluene
 Concen: 7.568 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.21 min
 Lab File: BF098955.D
 Acq: 29 Sep 2017 18:31

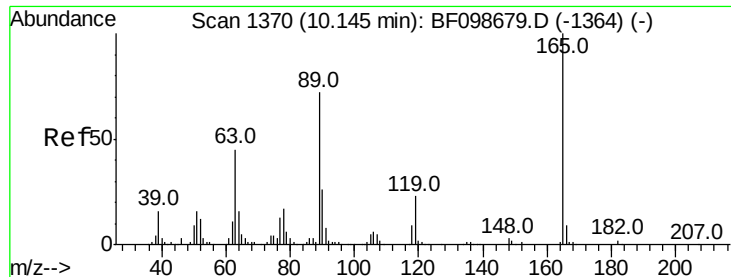
Tgt Ion:165 Resp: 31076

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.2	44.0	66.0#



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

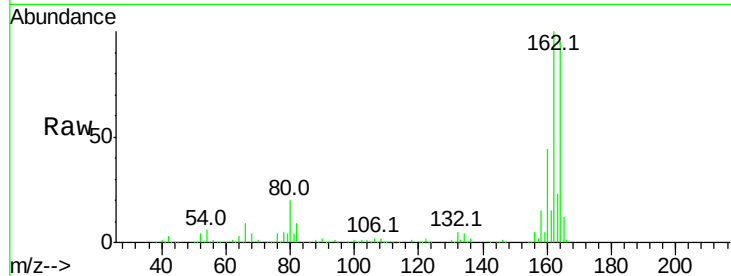




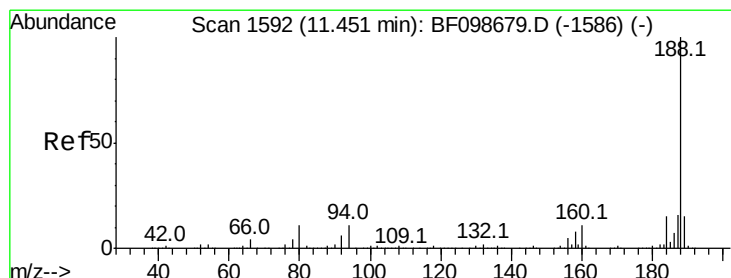
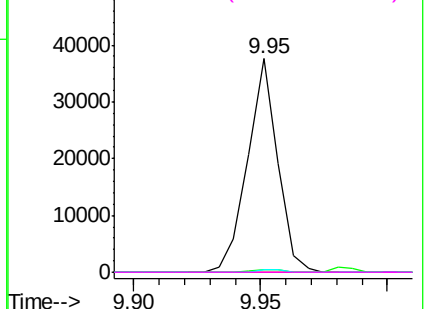
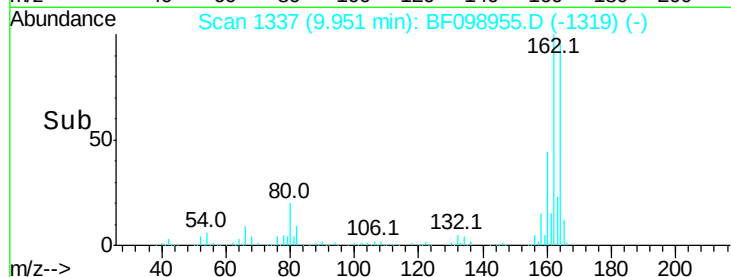
#56
 2,4-Dinitrotoluene
 Concen: 5.832 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098955.D
 Acq: 29 Sep 2017 18:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 31076
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.4 54.6#
 89 1.2 57.8 86.6#
 182 0.0 1.6 2.4#

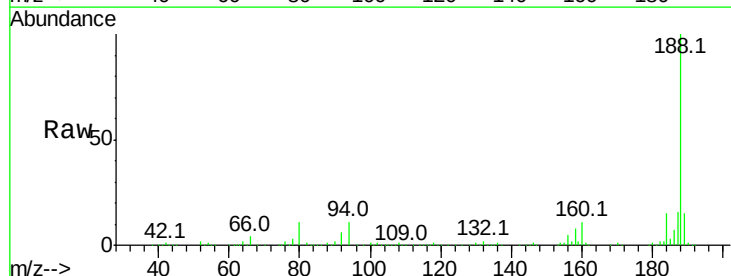


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

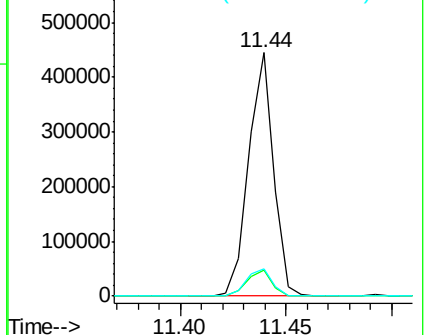
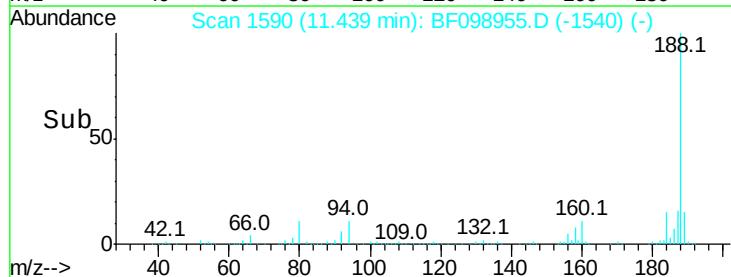


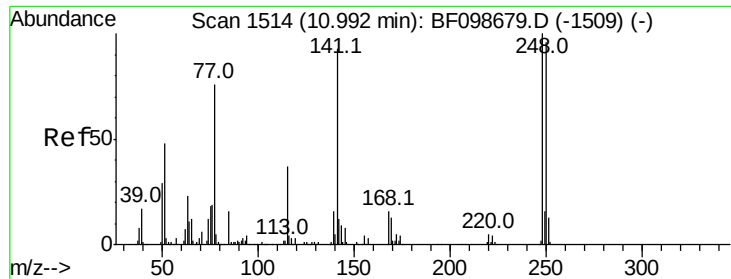
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098955.D
 Acq: 29 Sep 2017 18:31

Tgt Ion:188 Resp: 364771
 Ion Ratio Lower Upper
 188 100
 94 10.6 8.5 12.7
 80 11.4 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

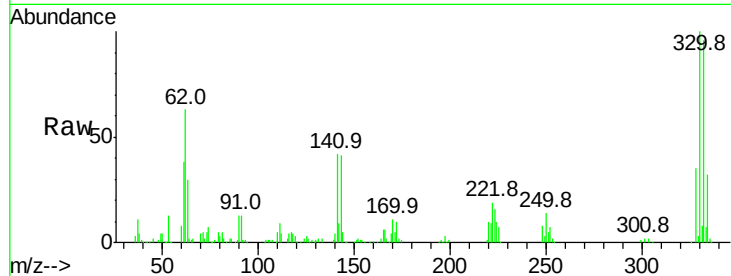




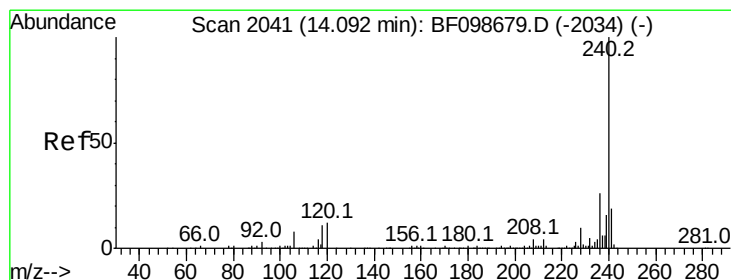
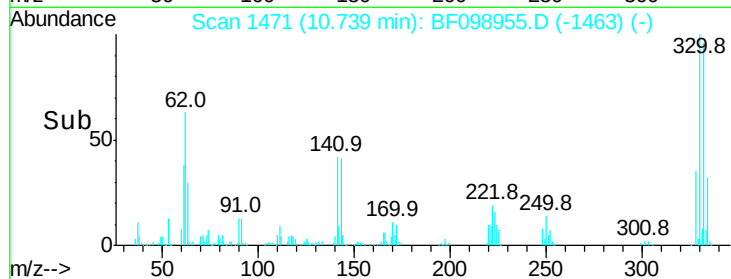
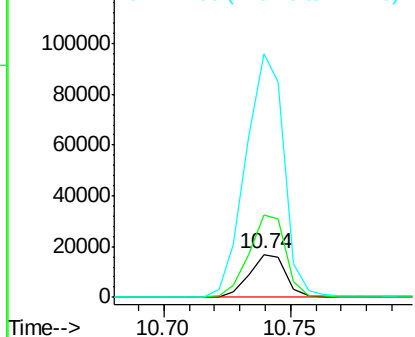
#66
 4-Bromophenyl-phenylether
 Concen: 4.731 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.25 min
 Lab File: BF098955.D
 Acq: 29 Sep 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 16891
 Ion Ratio Lower Upper
 248 100
 250 191.4 76.9 115.3#
 141 562.5 74.4 111.6#

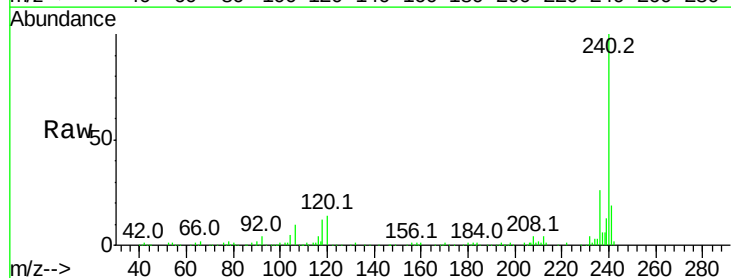


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

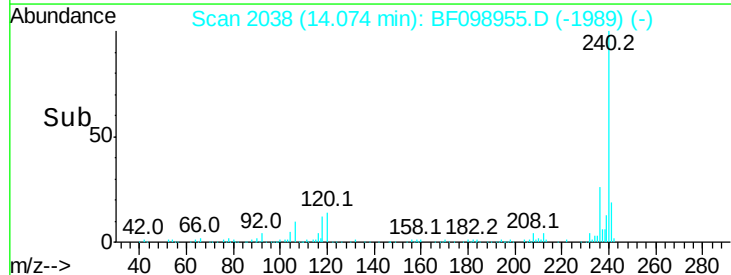
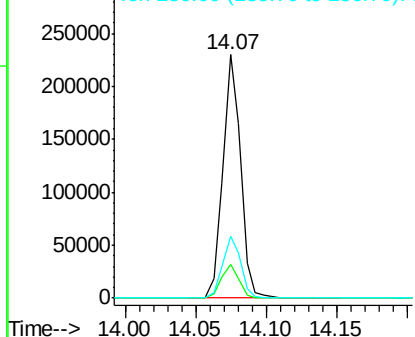


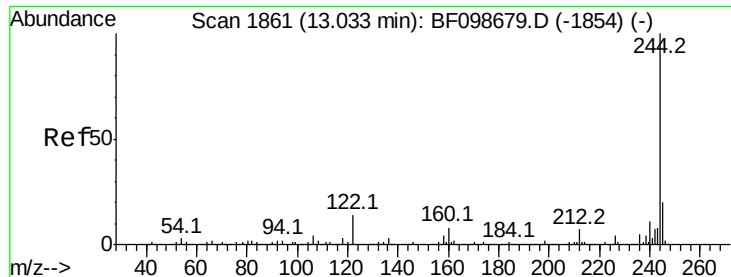
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF098955.D
 Acq: 29 Sep 2017 18:31

Tgt Ion:240 Resp: 199821
 Ion Ratio Lower Upper
 240 100
 120 14.0 9.5 14.3
 236 25.5 20.7 31.1



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: 101.371 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098955.D

Acq: 29 Sep 2017 18:31

Instrument :

BNA_F

ClientSampleId :

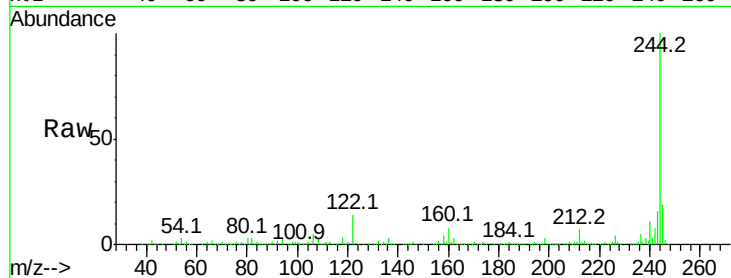
Tot Ion:244 Resp: 890686

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

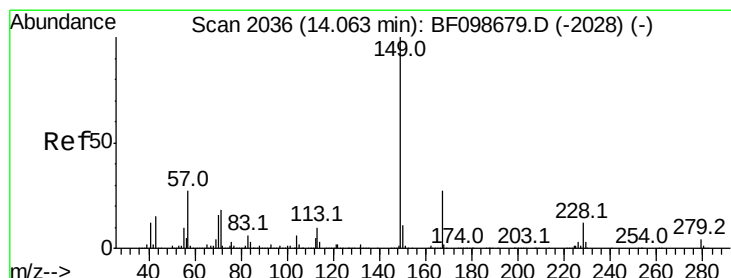
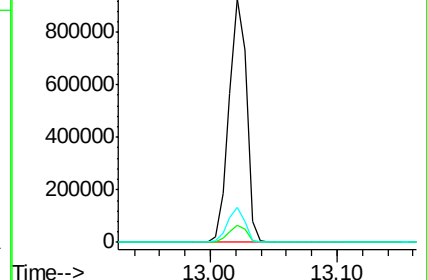
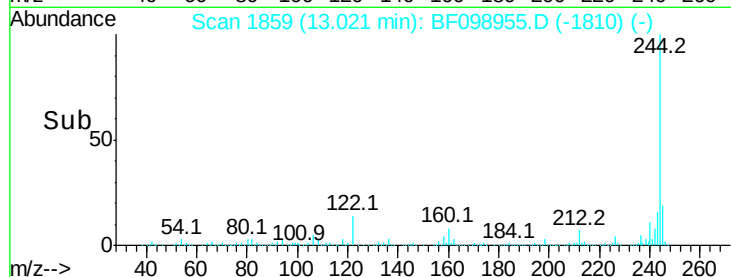
122 14.5 11.0 16.4



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: 2.555 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF098955.D

Acq: 29 Sep 2017 18:31

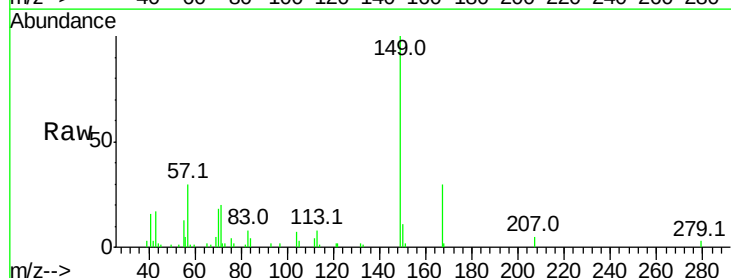
Tgt Ion:149 Resp: 25197

Ion Ratio Lower Upper

149 100

167 29.6 21.3 31.9

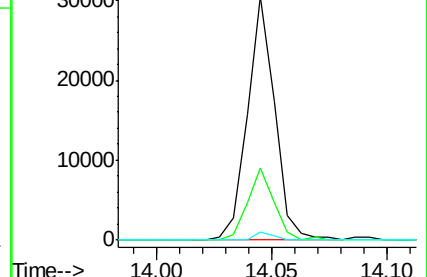
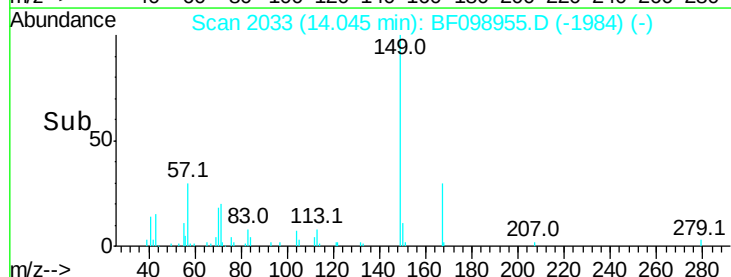
279 3.4 3.0 4.4

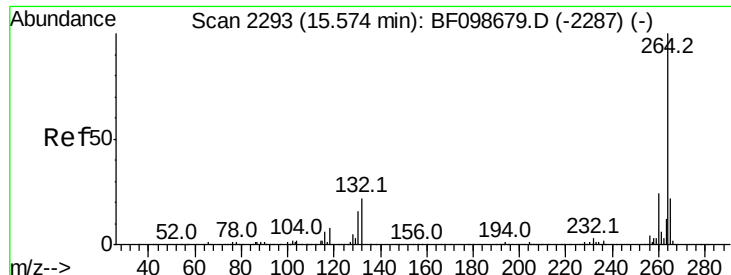


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

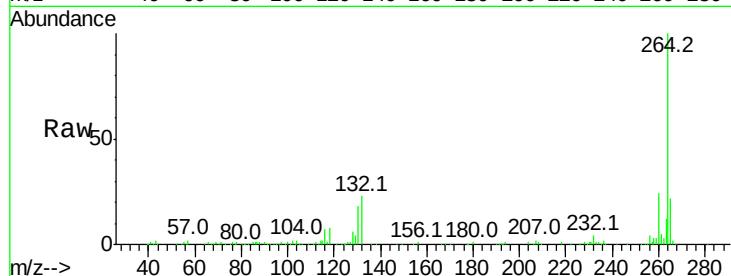




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098955.D
Acq: 29 Sep 2017 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.6	17.5	26.3



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

