

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098781.D
 Acq On : 25 Sep 2017 14:12
 Operator : SJ/JU
 Sample : I5364-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 05:14:50 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

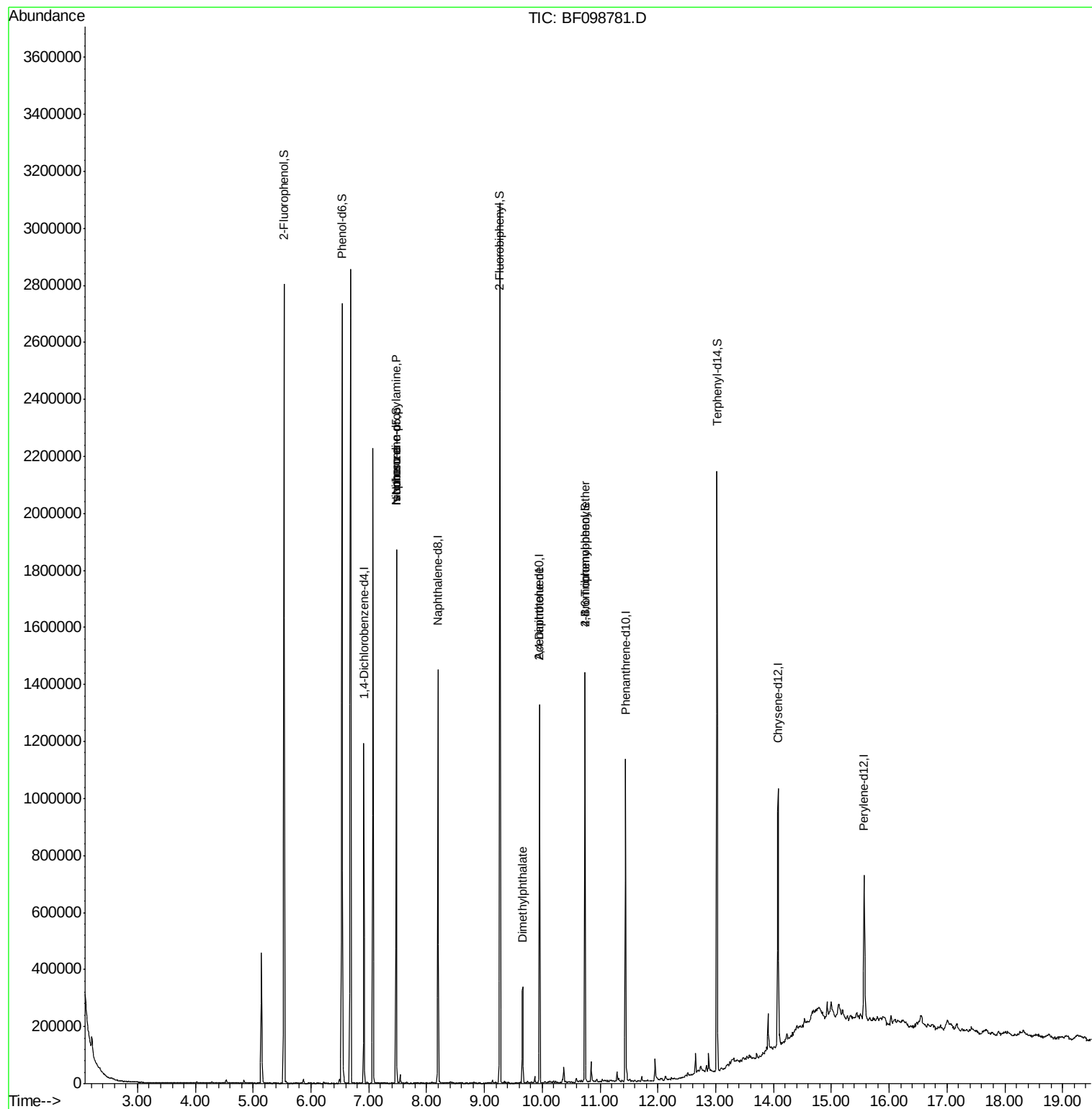
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	155745	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	609770	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	239932	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	343417	20.00	ng	0.00
75) Chrysene-d12	14.08	240	291622	20.00	ng	0.00
86) Perylene-d12	15.57	264	223389	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	799309	81.70	ng	0.00
7) Phenol-d6	6.54	99	976811	80.93	ng	0.00
23) Nitrobenzene-d5	7.47	82	566572	59.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	137767	70.17	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	924638	64.34	ng	-0.01
78) Terphenyl-d14	13.02	244	587434	45.81	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.47	70	74972	9.729	ng	# 79
25) Isophorone	7.47	82	565636	28.773	ng	# 64
49) Dimethylphthalate	9.66	163	132442	7.314	ng	98
56) 2,4-Dinitrotoluene	9.95	165	30827	6.025	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	9397	2.795	ng	# 1

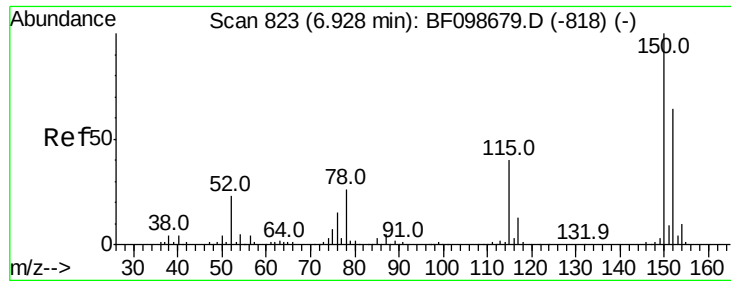
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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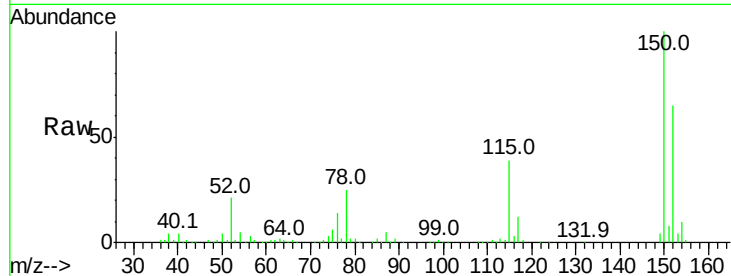


#1

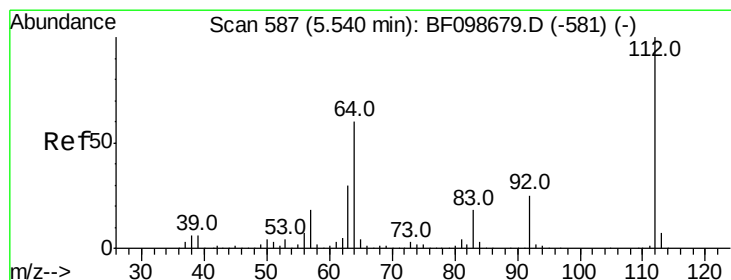
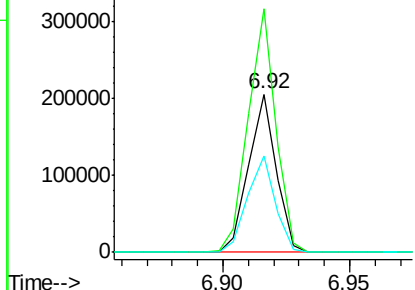
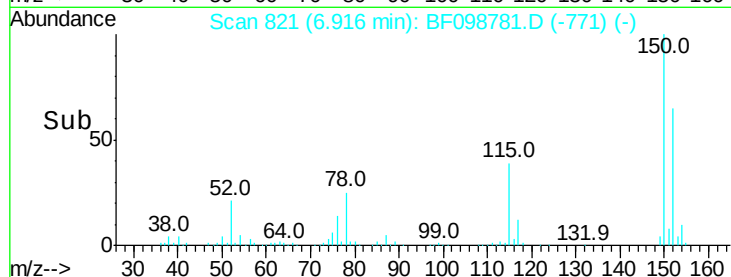
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098781.D
Acq: 25 Sep 2017 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 155745
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 60.8 50.1 75.1



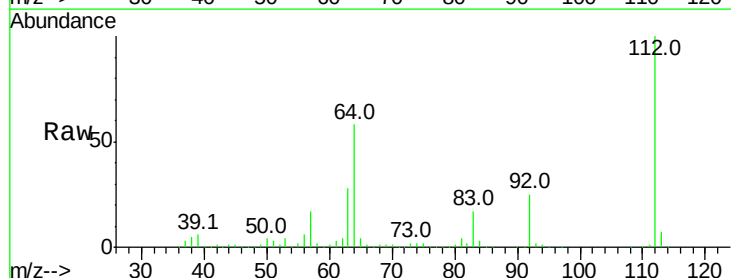
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



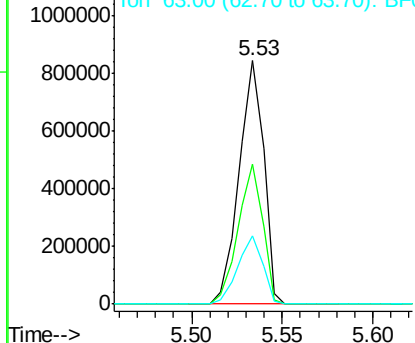
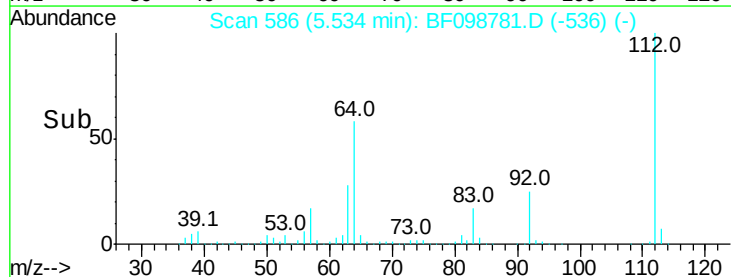
#5

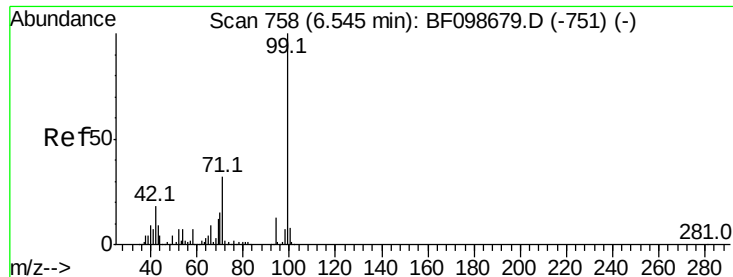
2-Fluorophenol
Concen: 81.699 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098781.D
Acq: 25 Sep 2017 14:12

Tgt Ion:112 Resp: 799309
Ion Ratio Lower Upper
112 100
64 57.7 47.9 71.9
63 28.1 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: 80.934 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098781.D

Acq: 25 Sep 2017 14:12

Instrument :

BNA_F

ClientSampled :

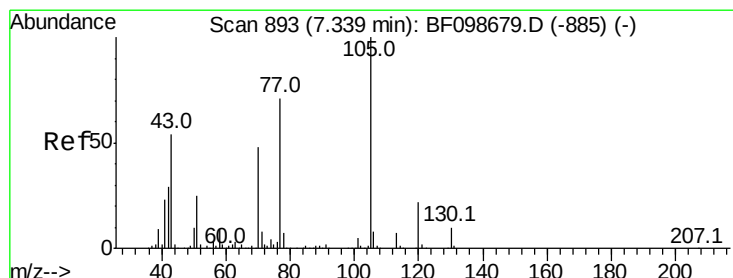
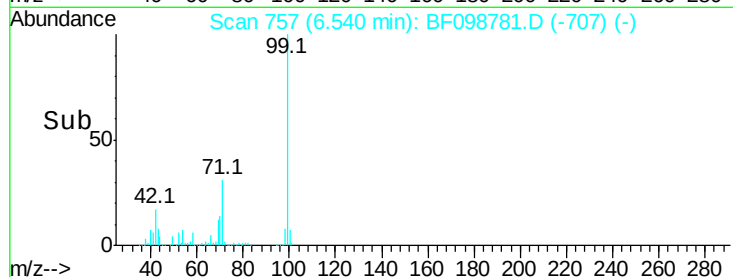
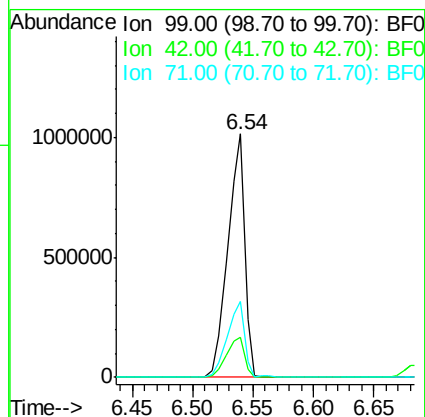
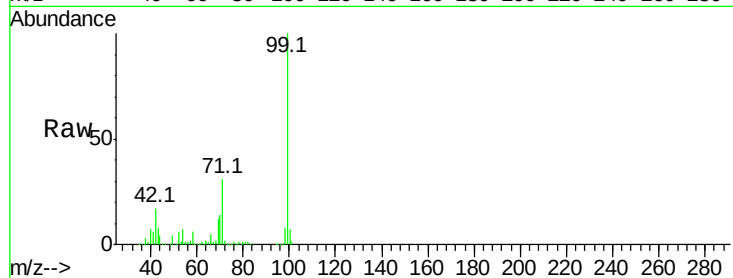
Tot Ion: 99 Resp: 976811

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

71 30.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 9.729 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.14 min

Lab File: BF098781.D

Acq: 25 Sep 2017 14:12

Tgt Ion: 70 Resp: 74972

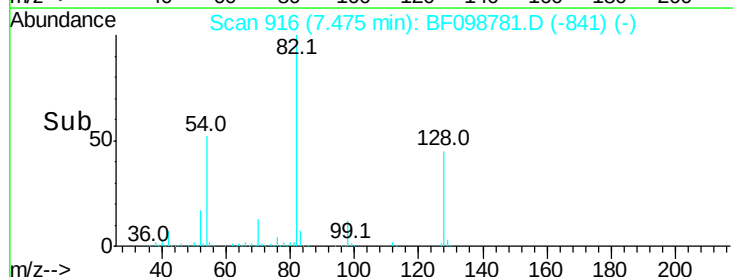
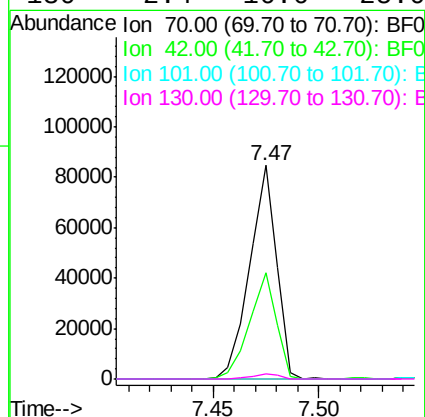
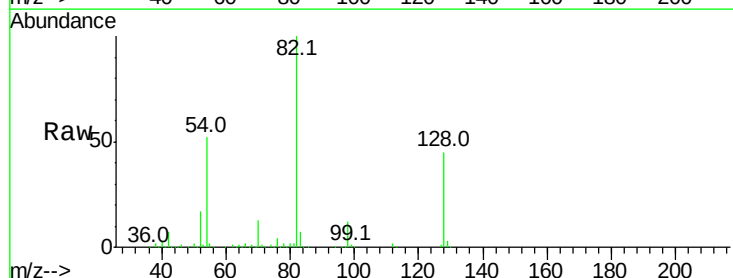
Ion Ratio Lower Upper

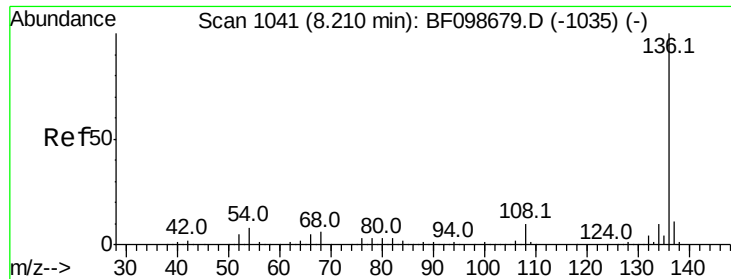
70 100

42 49.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

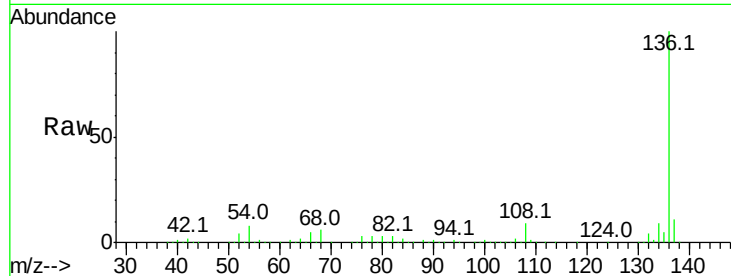




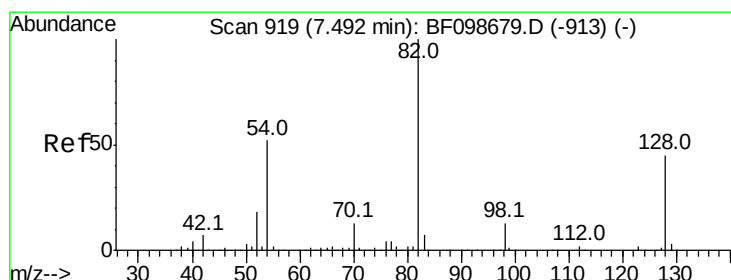
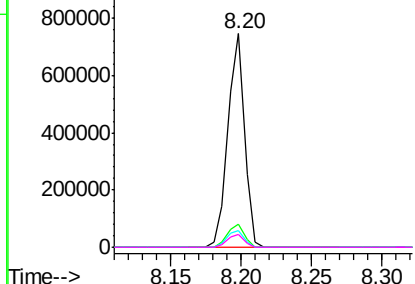
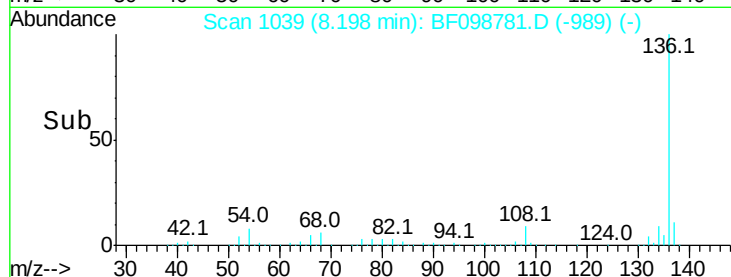
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098781.D
Acq: 25 Sep 2017 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	609770
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.5	6.6	9.8
68	5.7	5.0	7.4

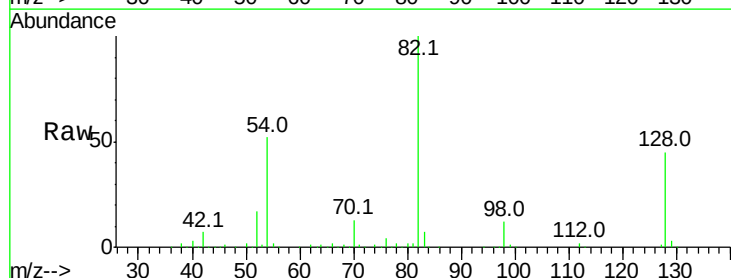


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

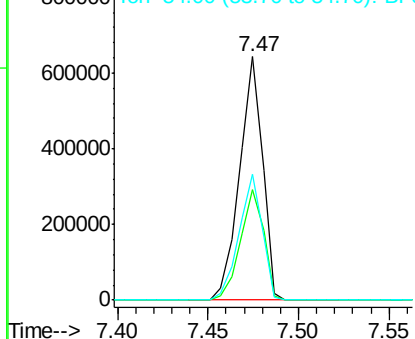
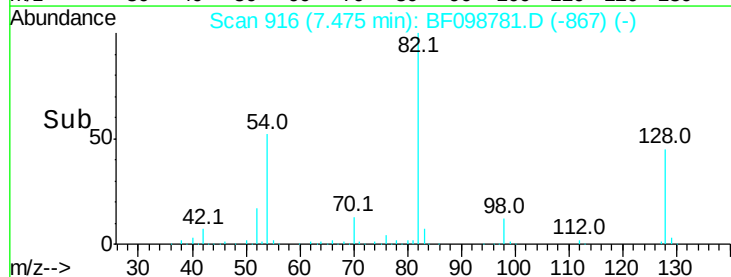


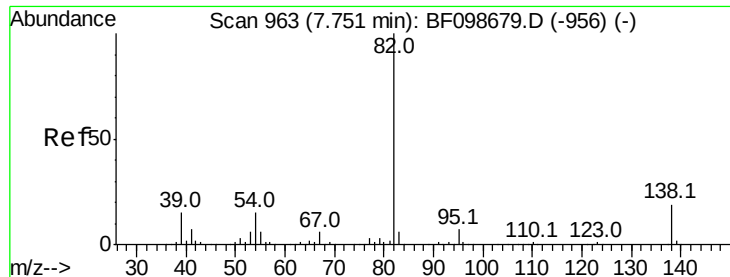
#23
Nitrobenzene-d5
Concen: 59.587 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098781.D
Acq: 25 Sep 2017 14:12

Tgt Ion:	82	Resp:	566572
Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	51.8	41.4	62.2



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





#25

Isophorone

Concen: 28.773 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.27 min

Lab File: BF098781.D

Acq: 25 Sep 2017 14:12

Instrument :

BNA_F

ClientSampleId :

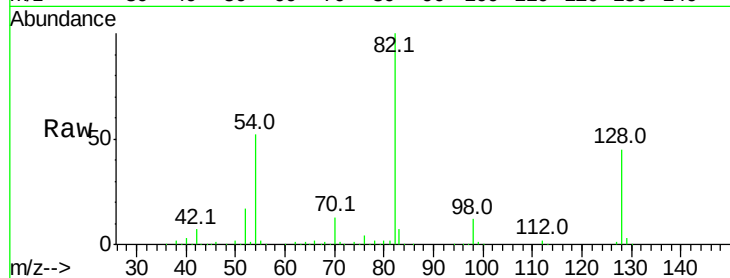
Tot Ion: 82 Resp: 565636

Ion Ratio Lower Upper

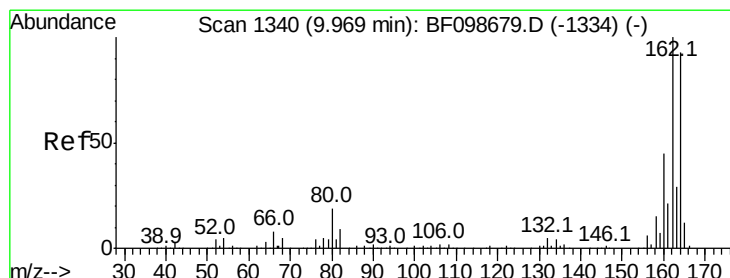
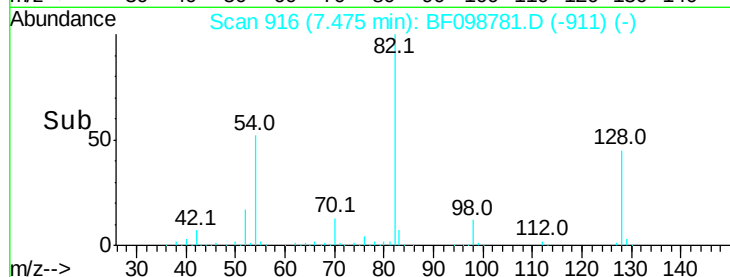
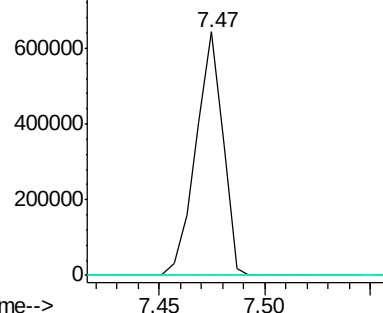
82 100

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: BF098781.D

Acq: 25 Sep 2017 14:12

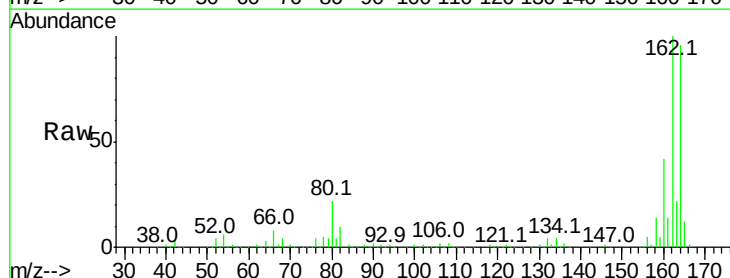
Tgt Ion: 164 Resp: 239932

Ion Ratio Lower Upper

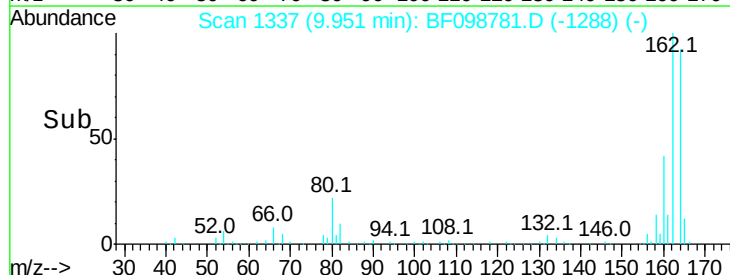
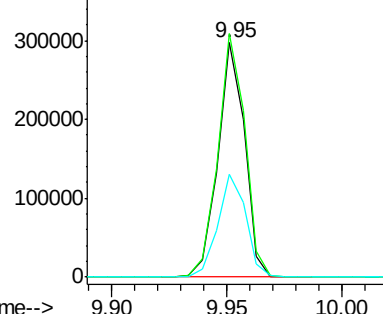
164 100

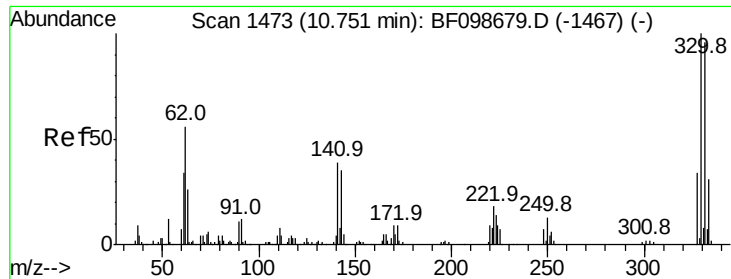
162 104.0 86.1 129.1

160 43.9 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

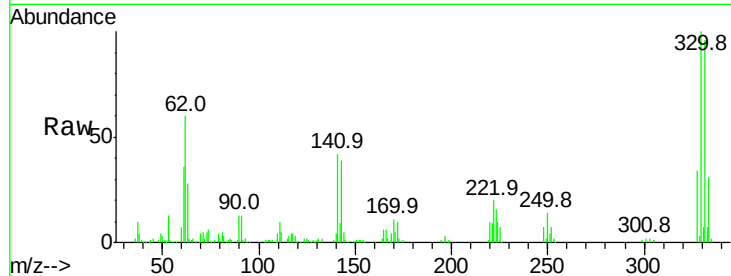




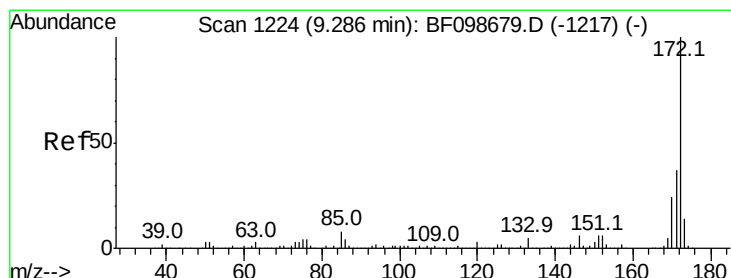
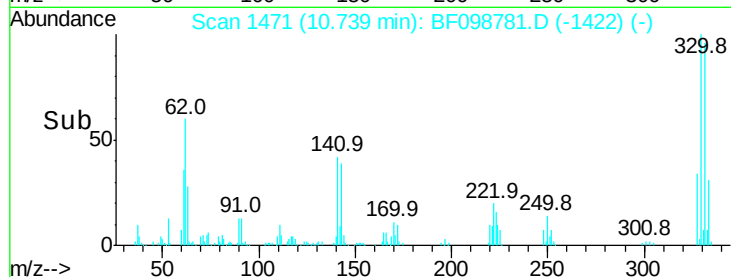
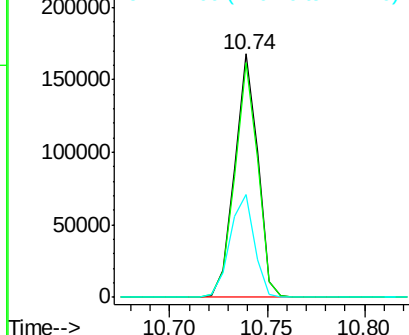
#41
 2,4,6-Tribromophenol
 Concen: 70.171 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098781.D
 Acq: 25 Sep 2017 14:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	44.6	29.9	44.9

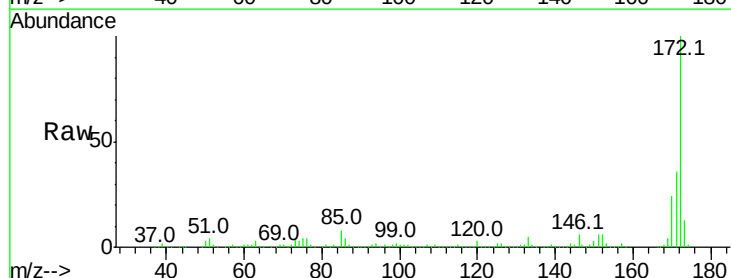


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

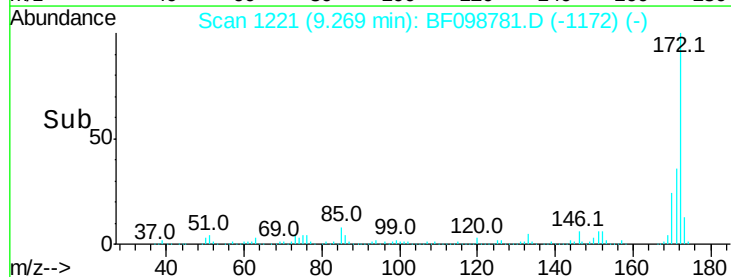
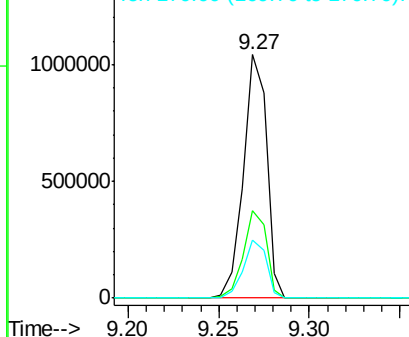


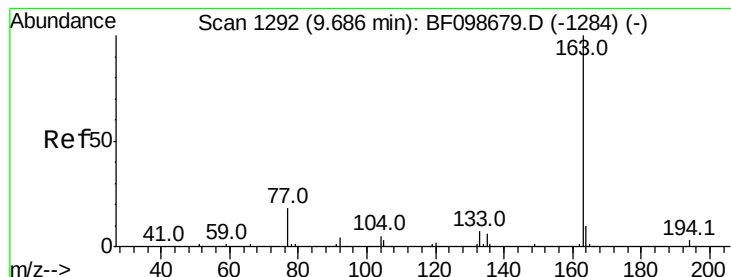
#44
 2-Fluorobiphenyl
 Concen: 64.335 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098781.D
 Acq: 25 Sep 2017 14:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.1	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





#49

Dimethylphthalate

Concen: 7.314 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BF098781.D

Acq: 25 Sep 2017 14:12

Instrument :

BNA_F

ClientSampleId :

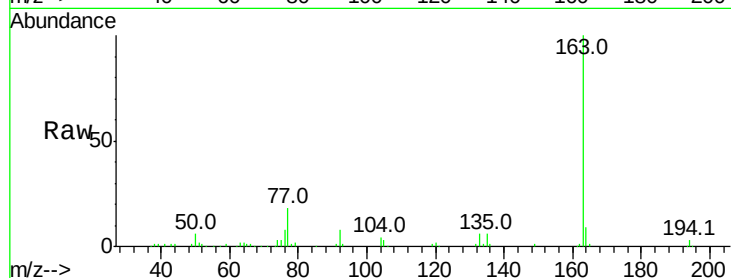
Tot Ion:163 Resp: 132442

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

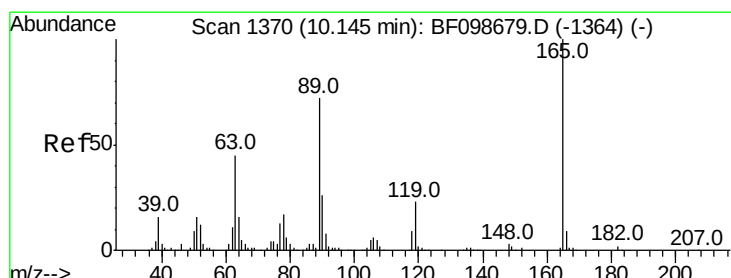
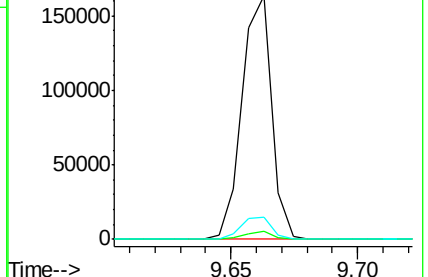
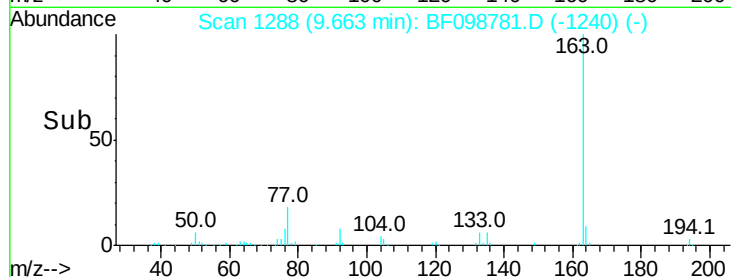
164 9.1 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.025 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.19 min

Lab File: BF098781.D

Acq: 25 Sep 2017 14:12

Tgt Ion:165 Resp: 30827

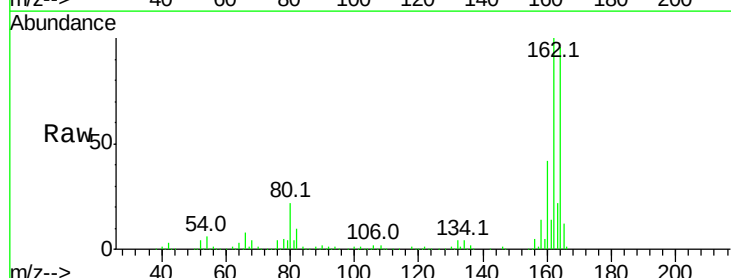
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.0 57.8 86.6#

182 0.0 1.6 2.4#

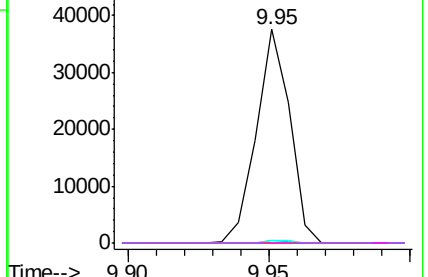
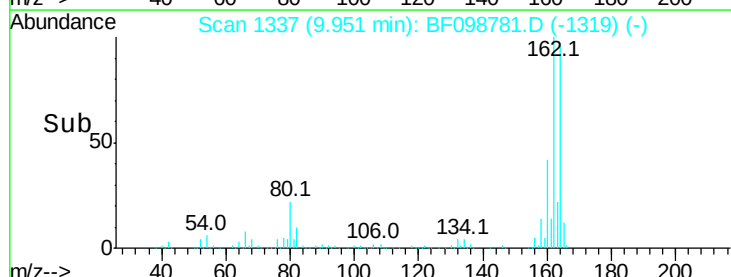


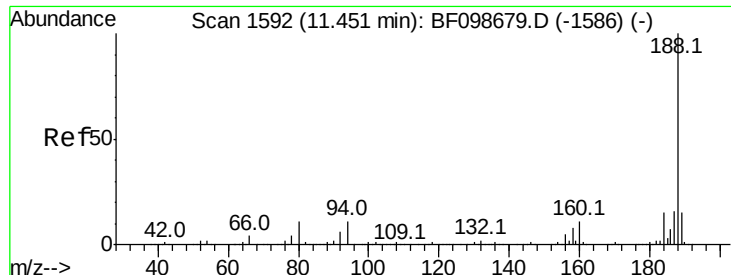
Abundance Ion 165.00 (164.70 to 165.70): E

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

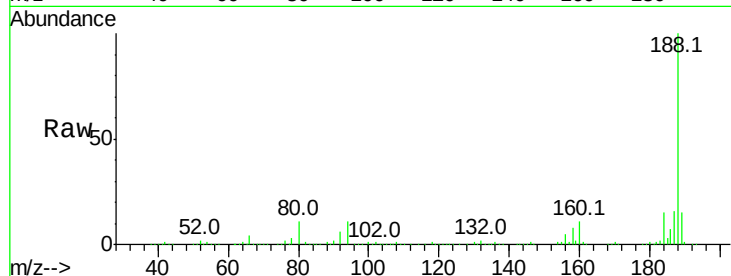




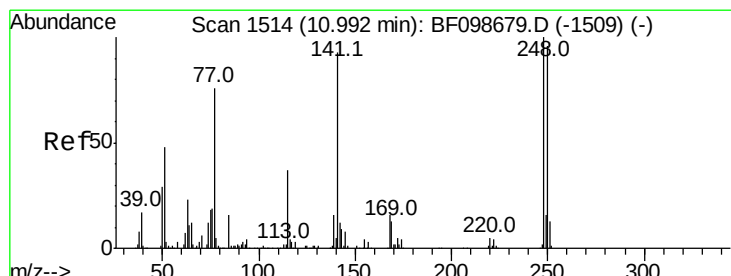
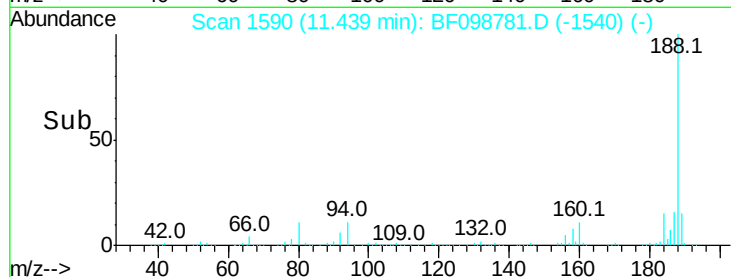
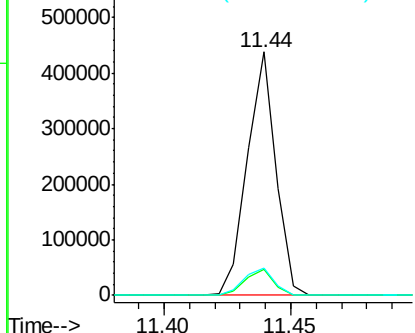
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098781.D
 Acq: 25 Sep 2017 14:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.1	9.2	13.8

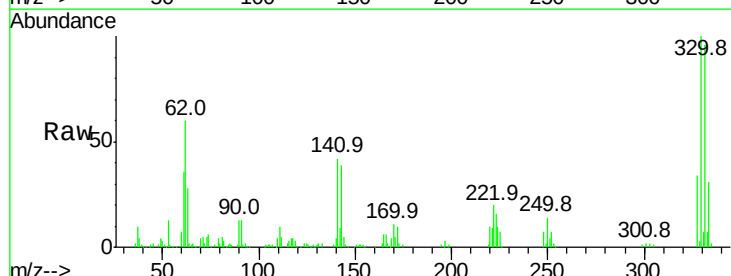


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

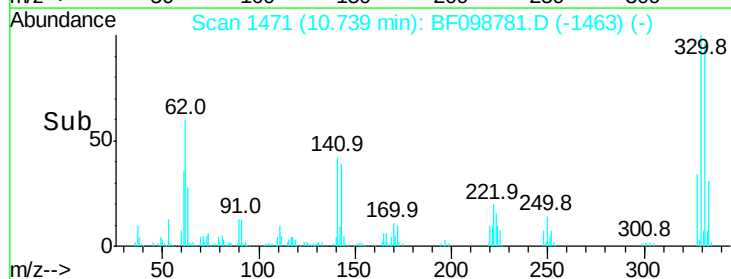
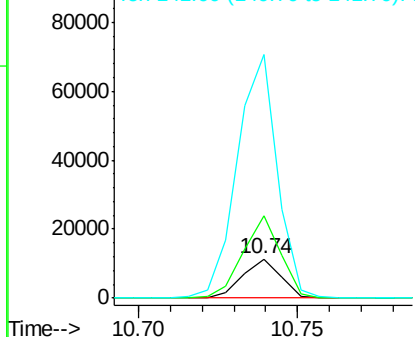


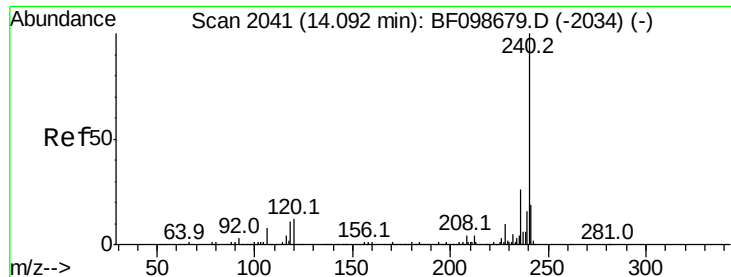
#66
 4-Bromophenyl-phenylether
 Concen: 2.795 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.25 min
 Lab File: BF098781.D
 Acq: 25 Sep 2017 14:12

Tgt Ion	Ratio	Lower	Upper
248	100		
250	210.0	76.9	115.3#
141	624.5	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: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098781.D

Acq: 25 Sep 2017 14:12

Instrument :

BNA_F

ClientSampleId :

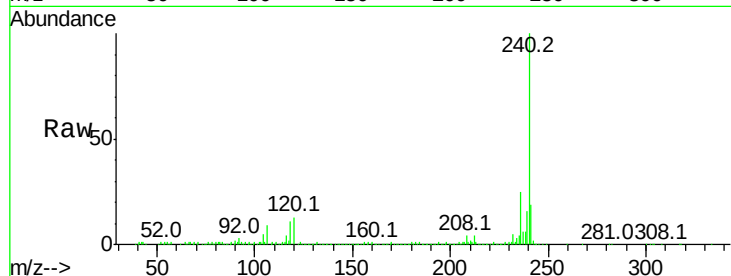
Tot Ion:240 Resp: 291622

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

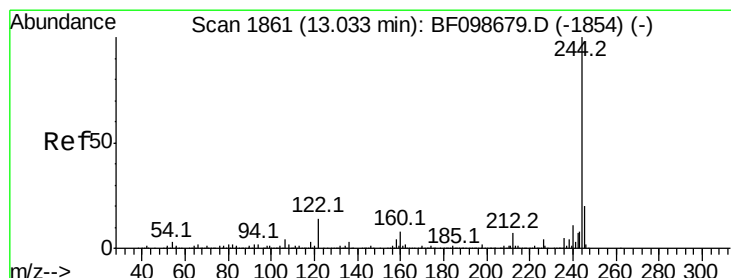
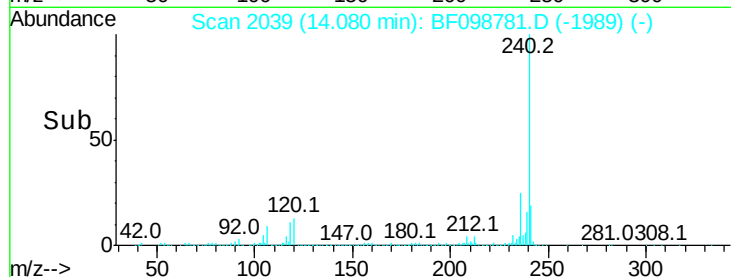
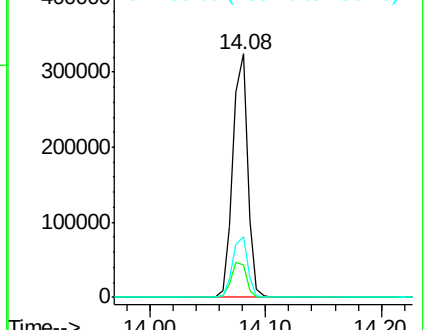
236 24.7 20.7 31.1



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: 45.811 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098781.D

Acq: 25 Sep 2017 14:12

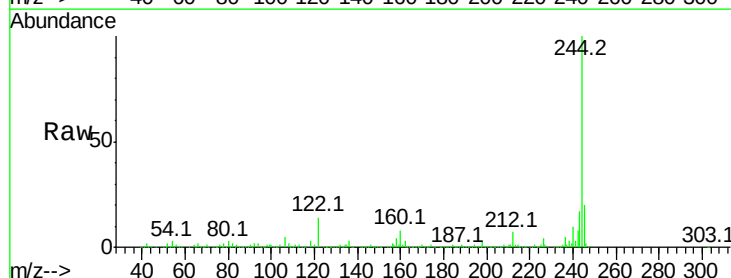
Tgt Ion:244 Resp: 587434

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

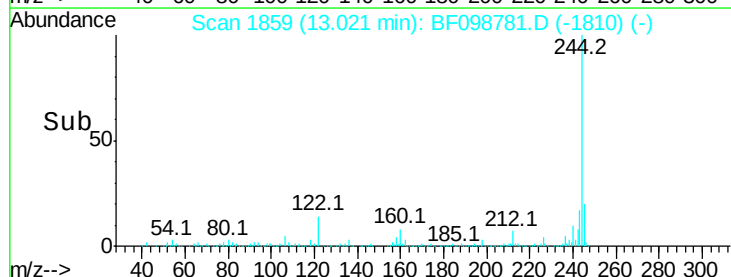
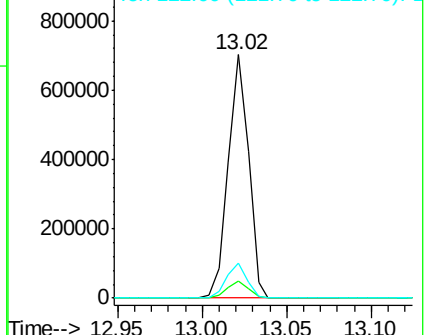
122 14.3 11.0 16.4

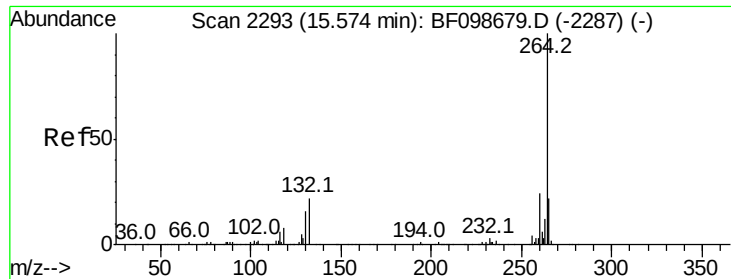


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

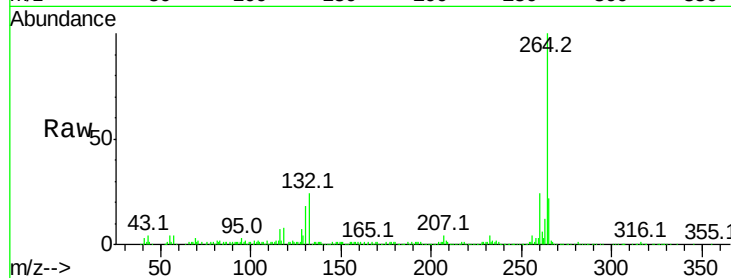




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098781.D
Acq: 25 Sep 2017 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	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

