

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
 Data File : BF098187.D
 Acq On : 31 Aug 2017 7:03
 Operator : SJ/JU
 Sample : I4988-06RE
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 08:51:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

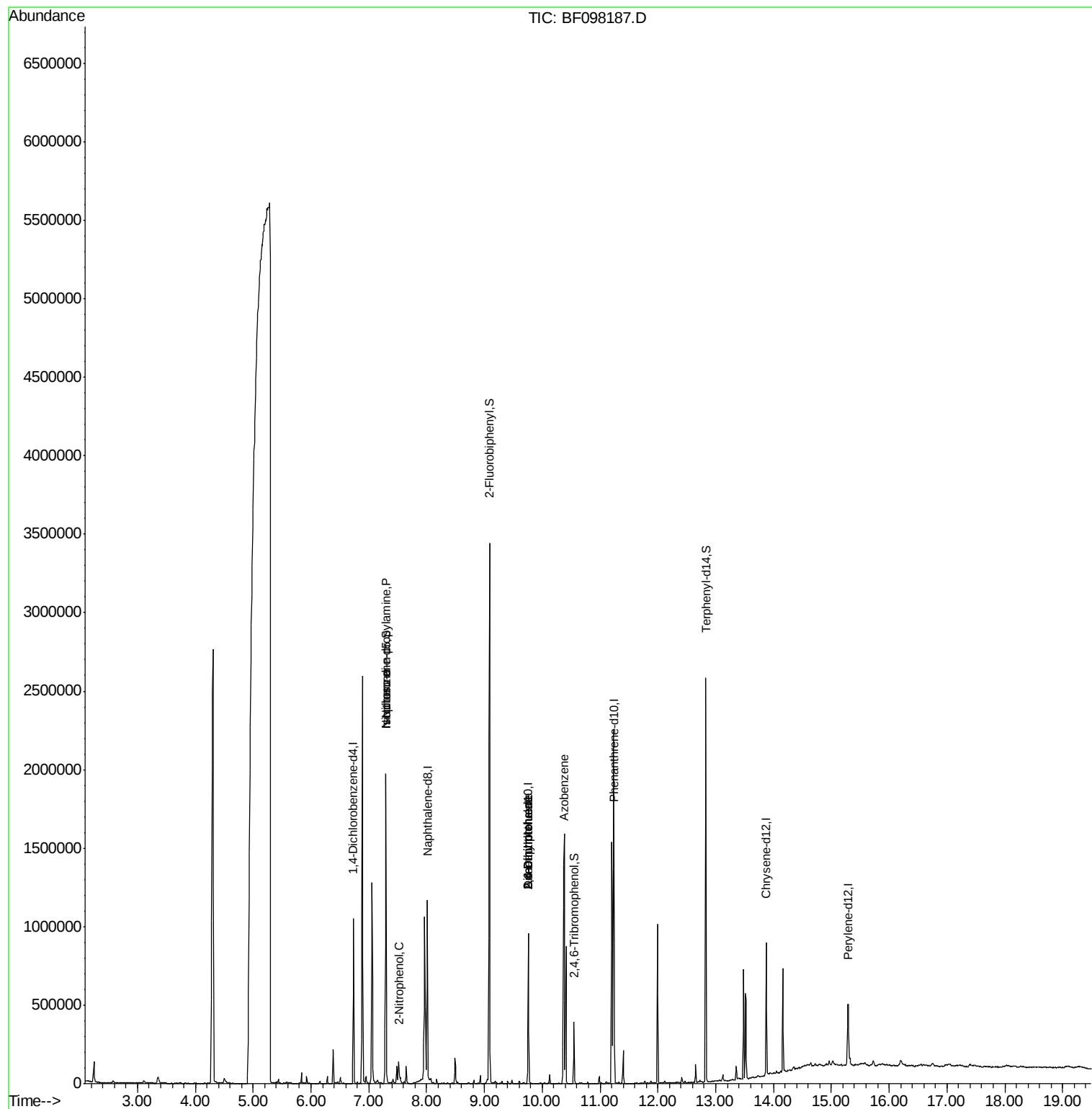
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	133733	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	496248	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	188617	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	293807	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	259685	20.00	ng	-0.02
86) Perylene-d12	15.29	264	177225	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	5642	0.64	ng	0.08
7) Phenol-d6	6.38	99	6551	0.55	ng	0.00
23) Nitrobenzene-d5	7.30	82	701369	76.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	38609	23.59	ng	-0.03
44) 2-Fluorobiphenyl	9.09	172	1121058	87.32	ng	-0.02
78) Terphenyl-d14	12.83	244	818858	65.76	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	92414	11.301	ng	# 70
25) Isophorone	7.30	82	698626	36.780	ng	# 68
26) 2-Nitrophenol	7.53	139	707	5.429	ng	# 40
49) Dimethylphthalate	9.76	163	52410	3.801	ng	# 1
50) 2,6-Dinitrotoluene	9.76	165	23651	8.594	ng	# 34
56) 2,4-Dinitrotoluene	9.76	165	23651	6.848	ng	# 34
62) Azobenzene	10.37	77	38190	2.230	ng	# 77

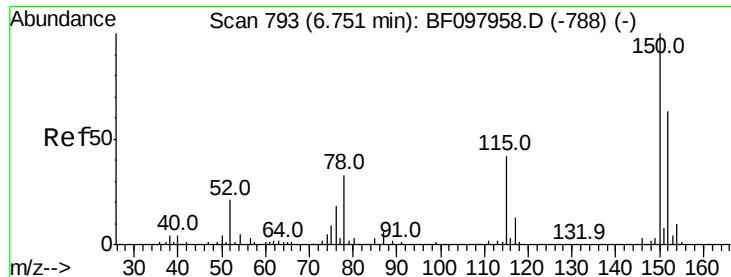
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
Data File : BF098187.D
Acq On : 31 Aug 2017 7:03
Operator : SJ/JU
Sample : I4988-06RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 31 08:51:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration



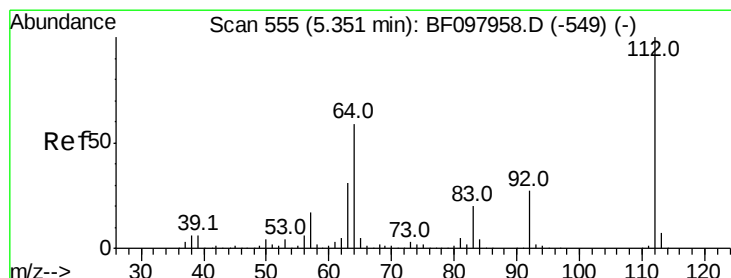
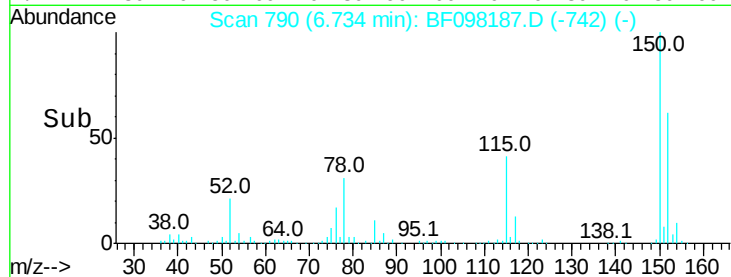
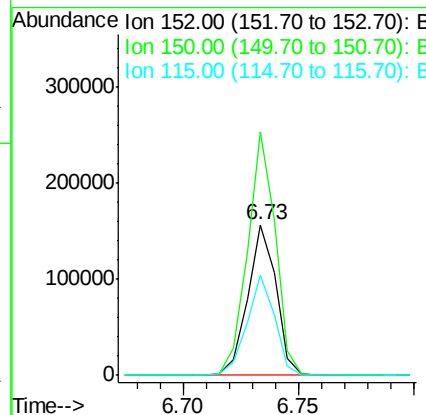
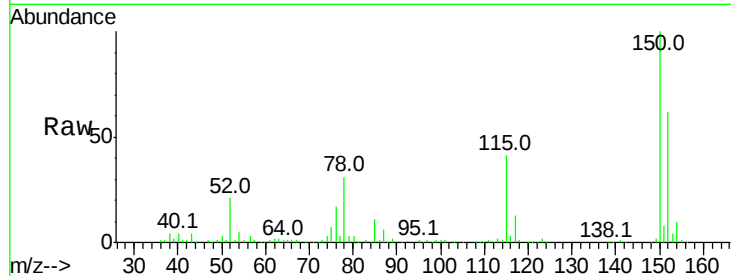


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF098187.D
 Acq: 31 Aug 2017 7:03

Instrument :
 BNA_F
 ClientSampleId :

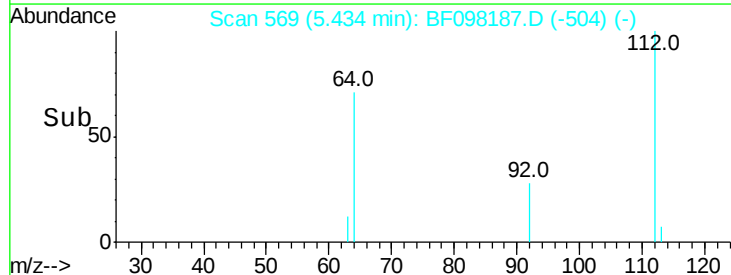
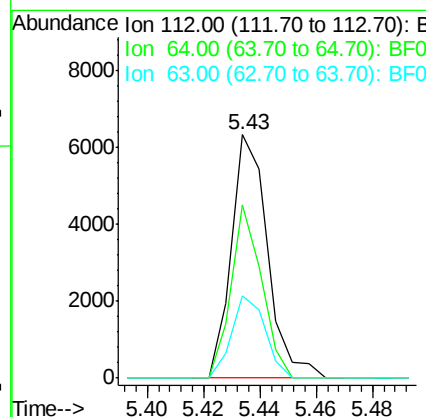
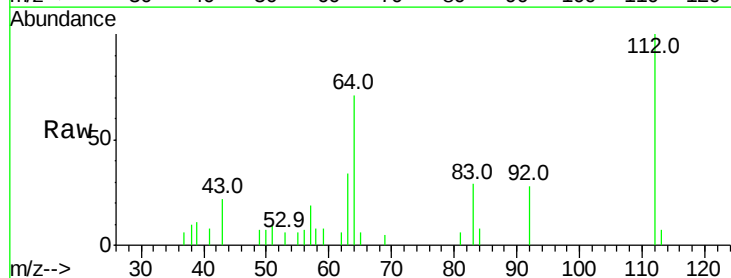
Tot Ion:152 Resp: 133733
 Ion Ratio Lower Upper
 152 100
 150 161.7 126.2 189.2
 115 66.9 52.2 78.2

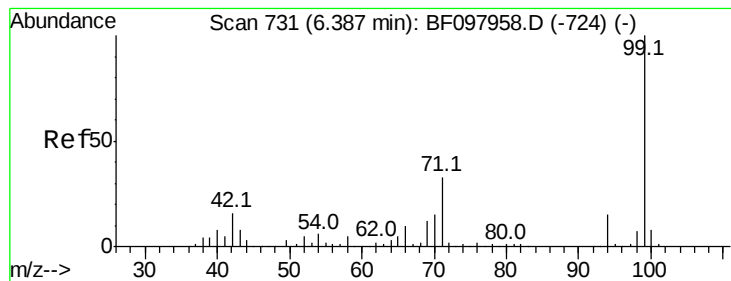


#5

2-Fluorophenol
 Concen: 0.642 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.08 min
 Lab File: BF098187.D
 Acq: 31 Aug 2017 7:03

Tgt Ion:112 Resp: 5642
 Ion Ratio Lower Upper
 112 100
 64 71.3 46.0 69.0#
 63 33.9 23.4 35.0





#7

Phenol-d6

Concen: 0.548 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098187.D

Acq: 31 Aug 2017 7:03

Instrument :

BNA_F

ClientSampleId :

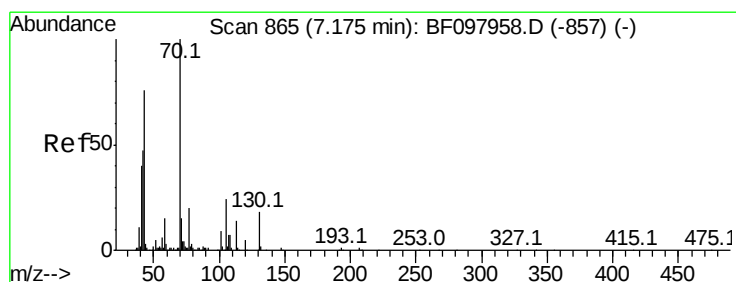
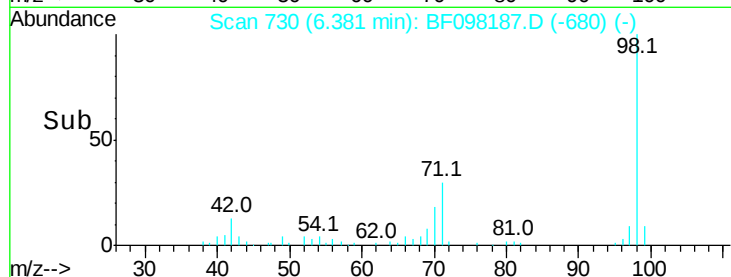
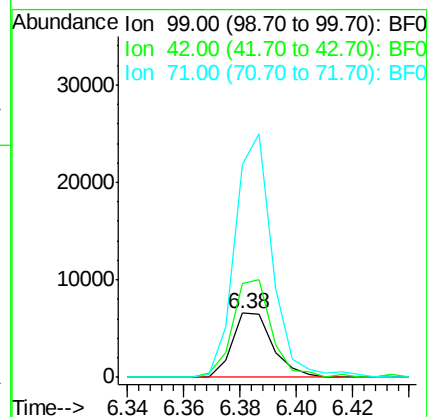
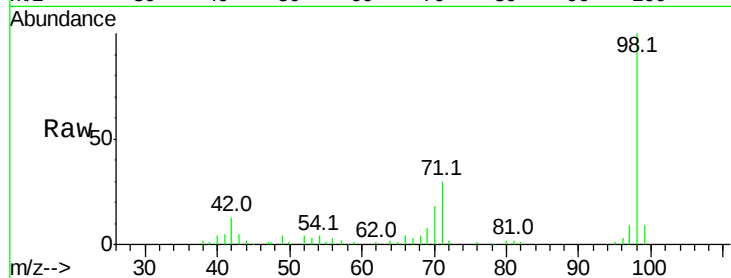
Tot Ion: 99 Resp: 6551

Ion Ratio Lower Upper

99 100

42 146.0 13.5 20.3#

71 333.5 24.5 36.7#



#19

n-Nitroso-di-n-propylamine

Concen: 11.301 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.12 min

Lab File: BF098187.D

Acq: 31 Aug 2017 7:03

Tgt Ion: 70 Resp: 92414

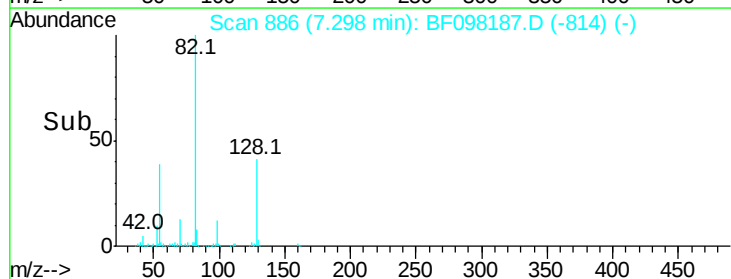
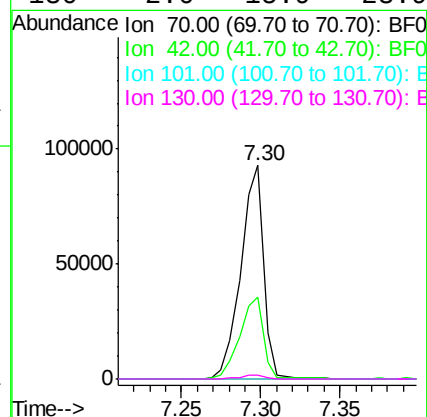
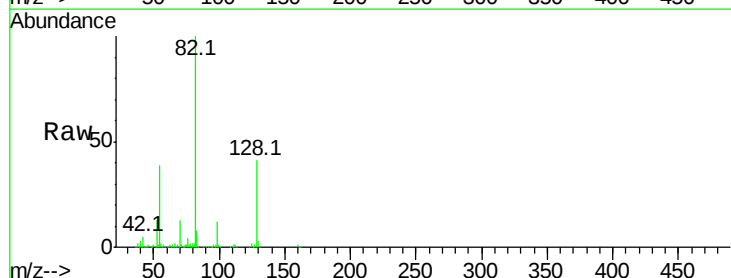
Ion Ratio Lower Upper

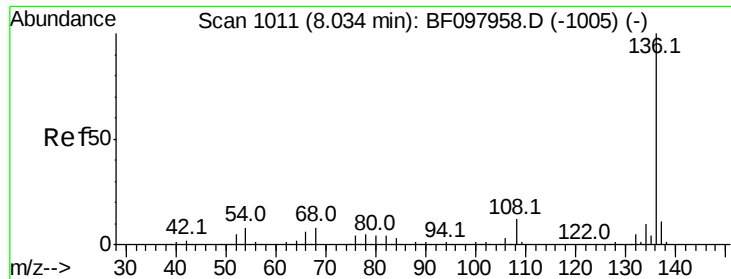
70 100

42 38.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

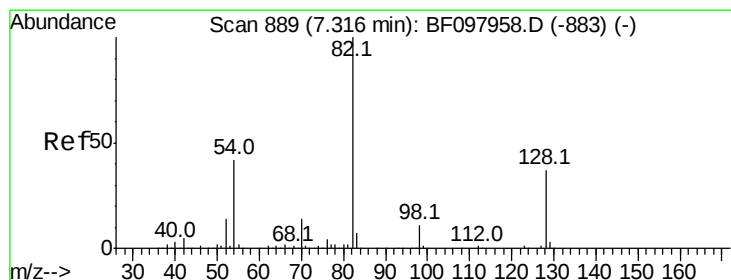
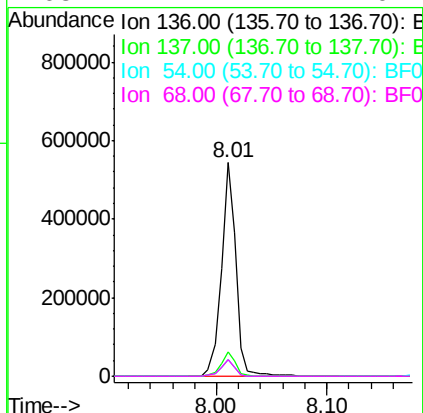
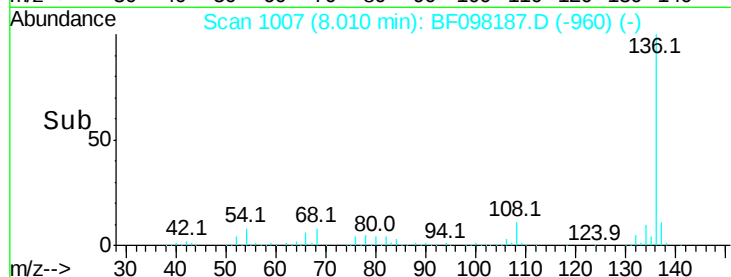
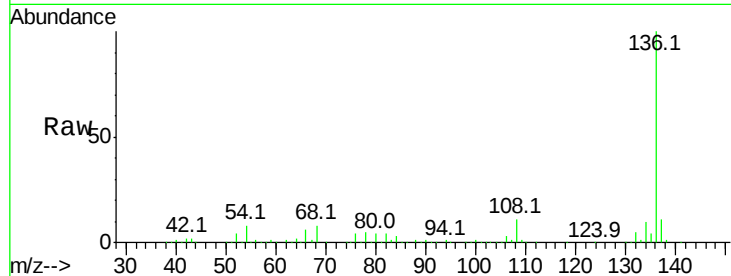




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF098187.D
Acq: 31 Aug 2017 7:03

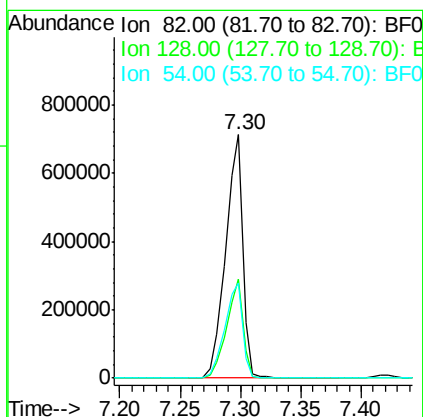
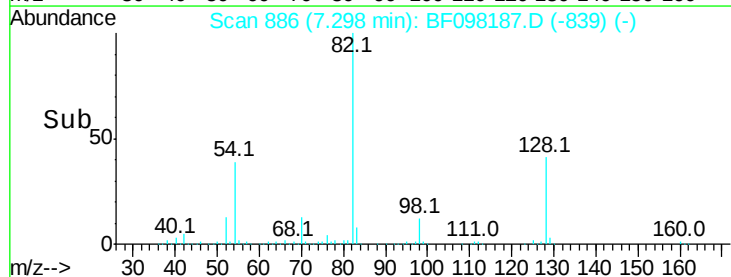
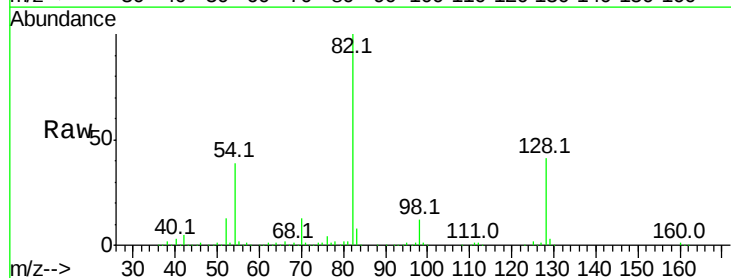
Instrument :
BNA_F
ClientSampleId :

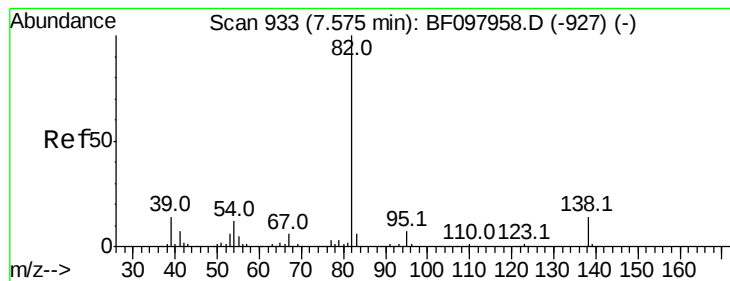
Tot Ion:	136	Resp:	496248
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	8.0	4.9	7.3#
68	7.7	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 76.779 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF098187.D
Acq: 31 Aug 2017 7:03

Tgt Ion:	82	Resp:	701369
Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.0	51.0
54	39.3	42.2	63.2#





#25

Isophorone

Concen: 36.780 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.28 min

Lab File: BF098187.D

Acq: 31 Aug 2017 7:03

Instrument :

BNA_F

ClientSampled :

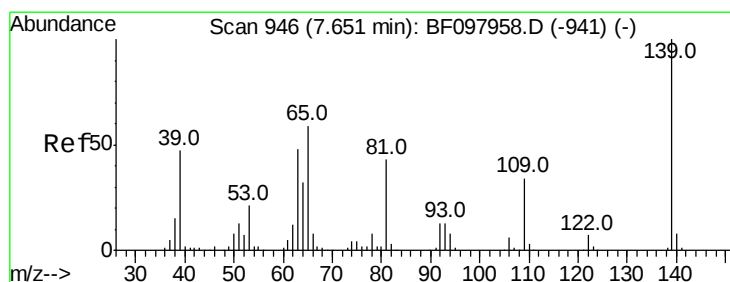
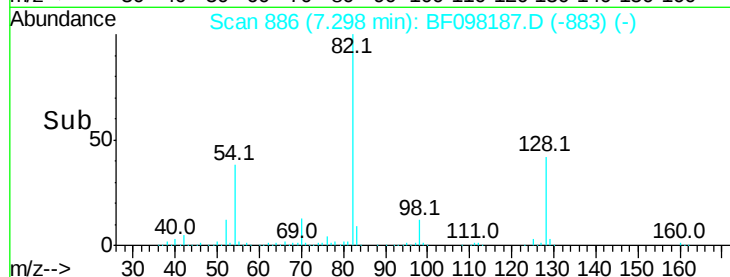
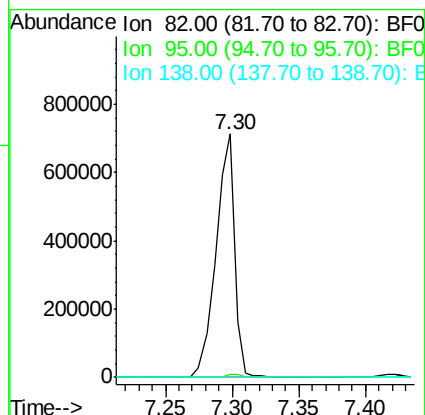
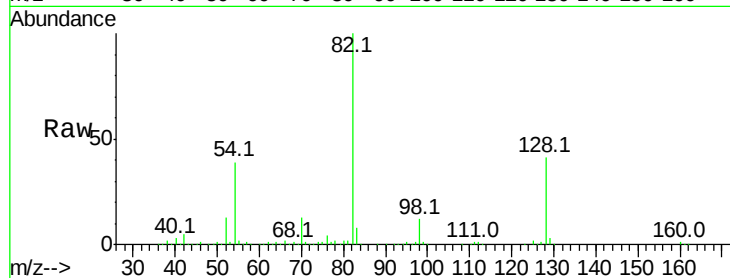
Tot Ion: 82 Resp: 698626

Ion Ratio Lower Upper

82 100

95 1.1 5.3 7.9#

138 0.0 13.1 19.7#



#26

2-Nitrophenol

Concen: 5.429 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.12 min

Lab File: BF098187.D

Acq: 31 Aug 2017 7:03

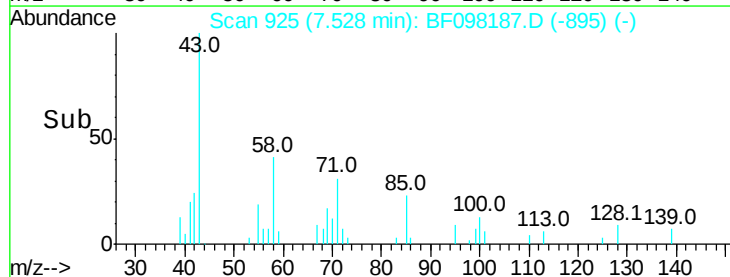
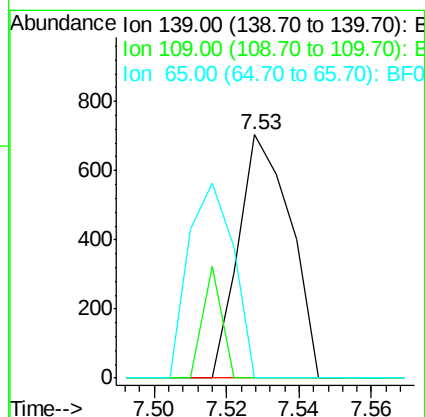
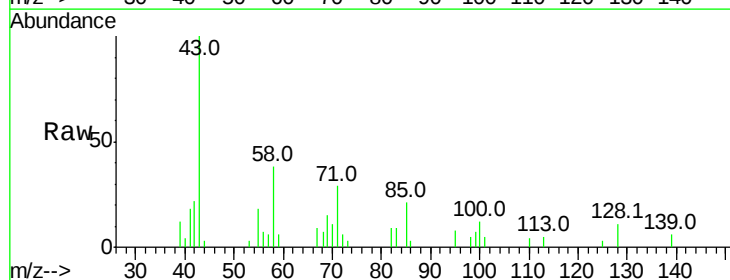
Tgt Ion: 139 Resp: 707

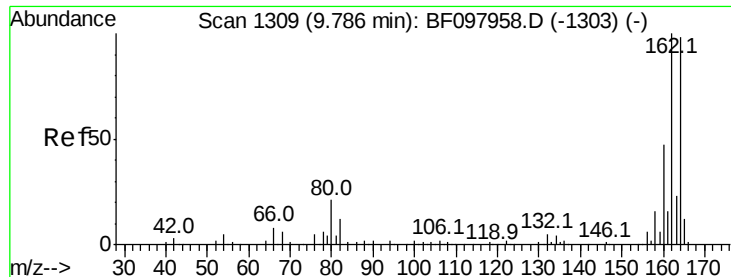
Ion Ratio Lower Upper

139 100

109 0.0 21.0 31.6#

65 0.0 33.0 49.6#

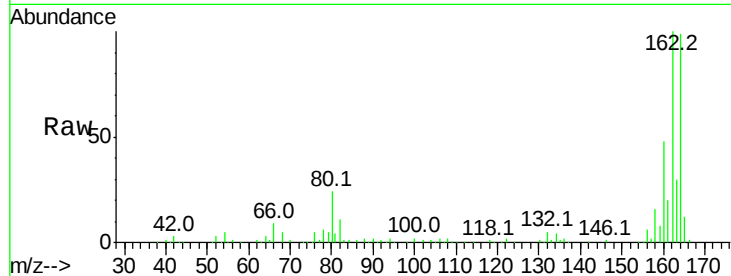




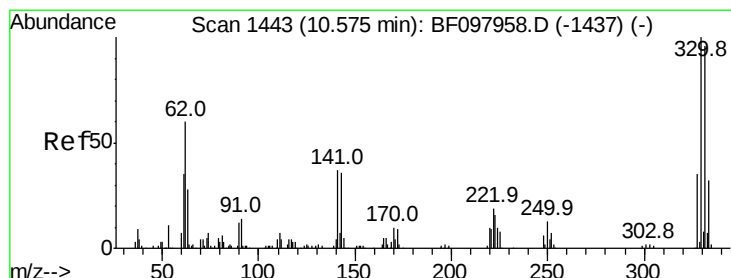
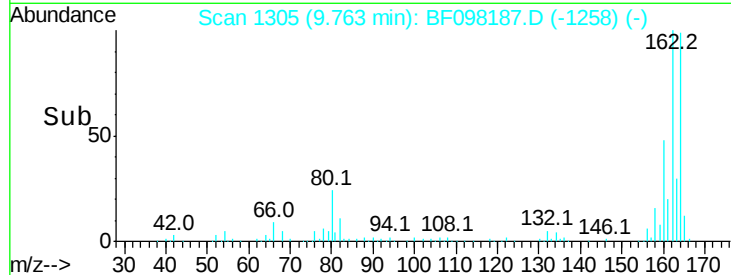
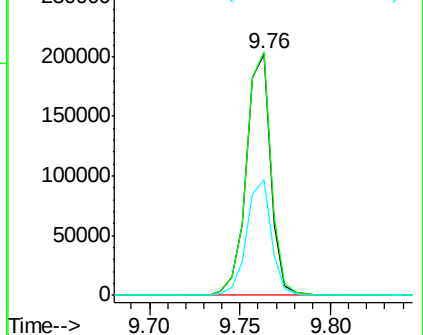
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.02 min
 Lab File: BF098187.D
 Acq: 31 Aug 2017 7:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 188617
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.6 123.8
 160 48.0 36.2 54.2

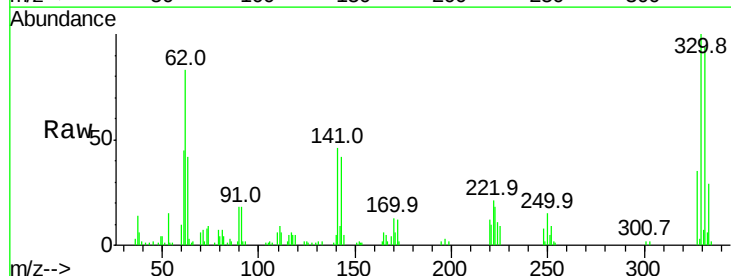


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

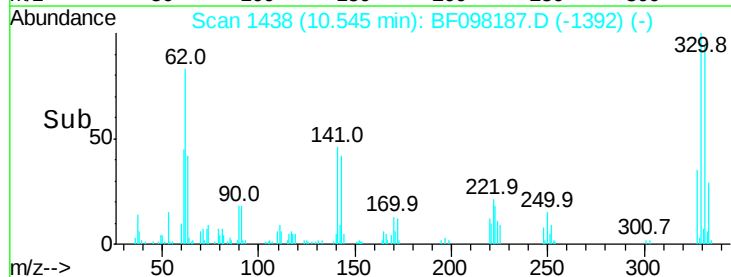
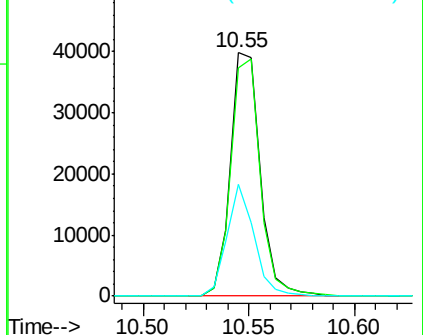


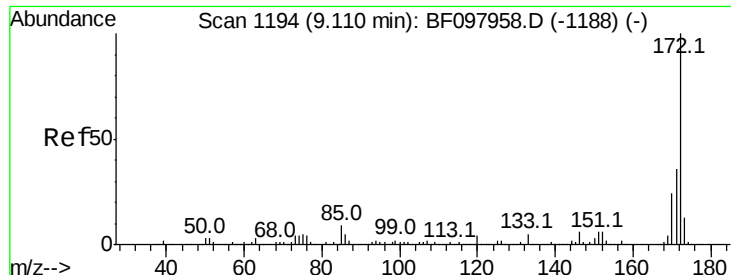
#41
 2,4,6-Tribromophenol
 Concen: 23.592 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.03 min
 Lab File: BF098187.D
 Acq: 31 Aug 2017 7:03

Tgt Ion:330 Resp: 38609
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 42.0 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



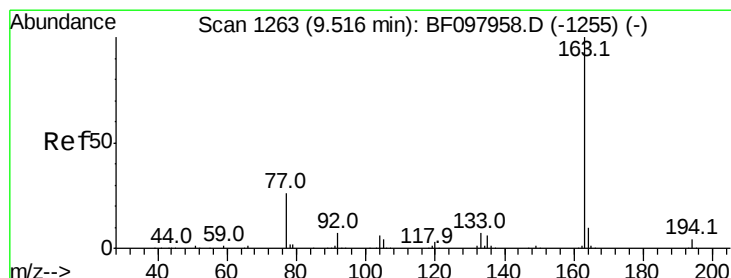
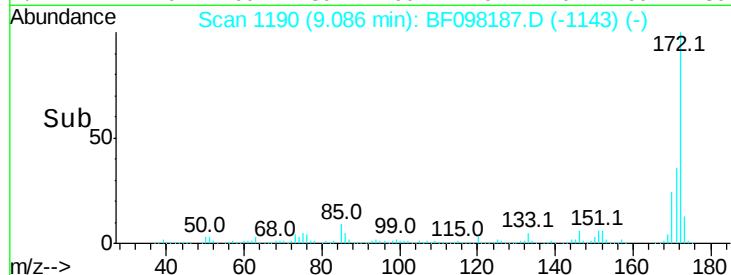
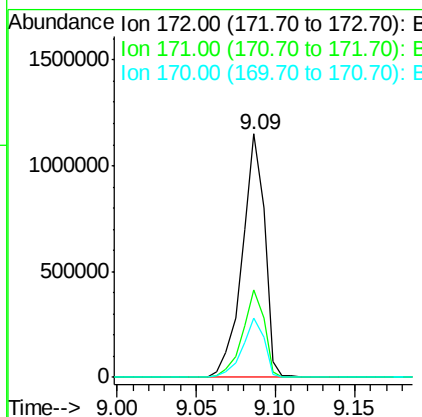
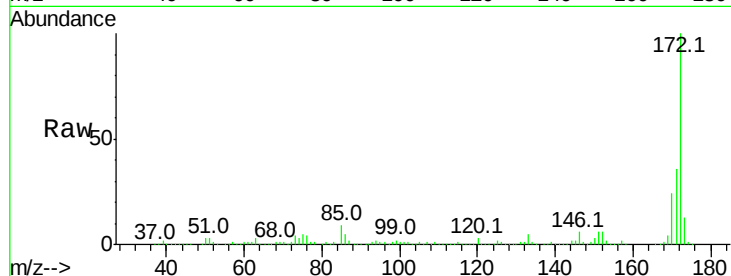


#44
 2-Fluorobiphenyl
 Concen: 87.323 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF098187.D
 Acq: 31 Aug 2017 7:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1121058

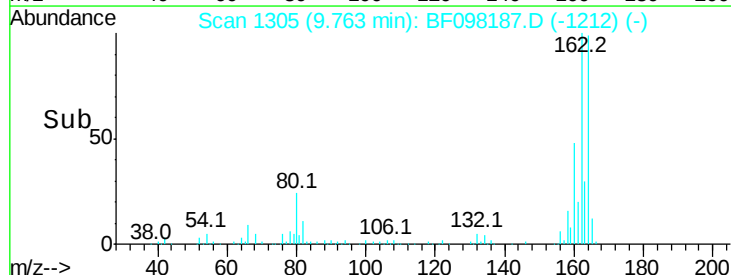
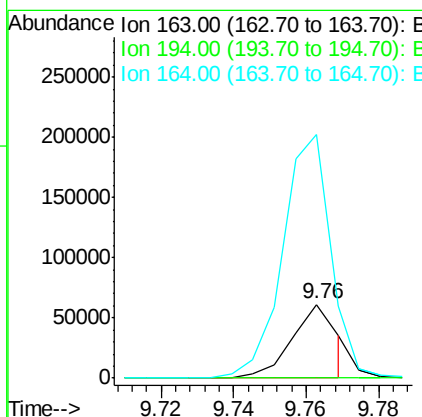
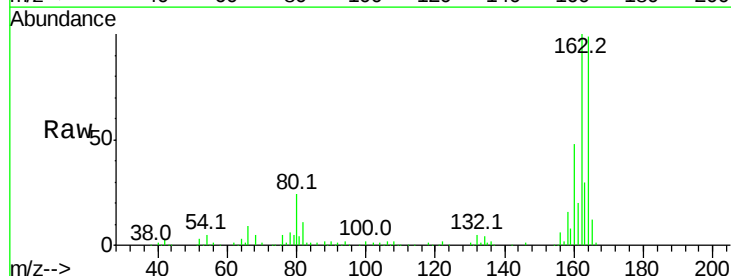
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.3	19.8	29.8

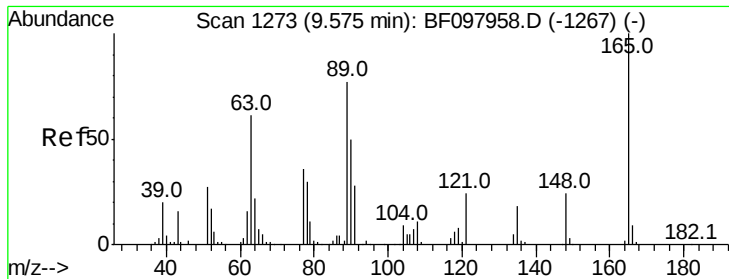


#49
 Dimethylphthalate
 Concen: 3.801 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.25 min
 Lab File: BF098187.D
 Acq: 31 Aug 2017 7:03

Tgt Ion:163 Resp: 52410

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	331.3	8.4	12.6#

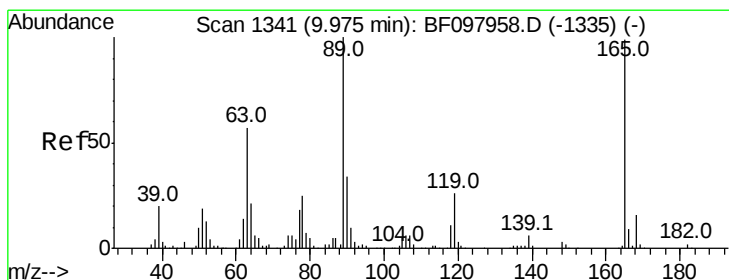
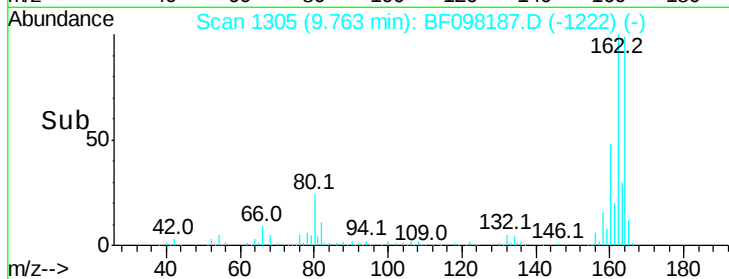
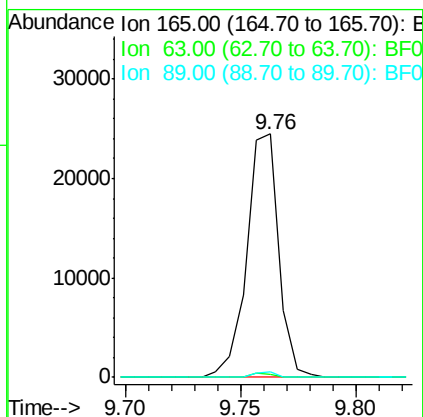
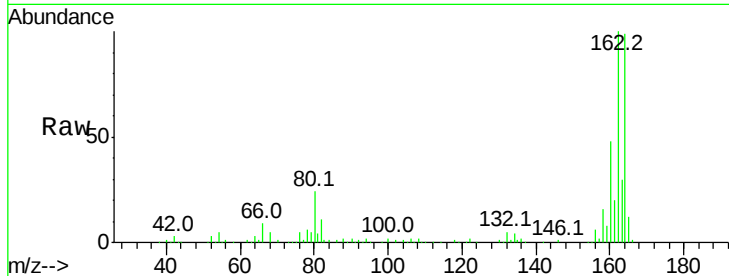




#50
 2,6-Dinitrotoluene
 Concen: 8.594 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.19 min
 Lab File: BF098187.D
 Acq: 31 Aug 2017 7:03

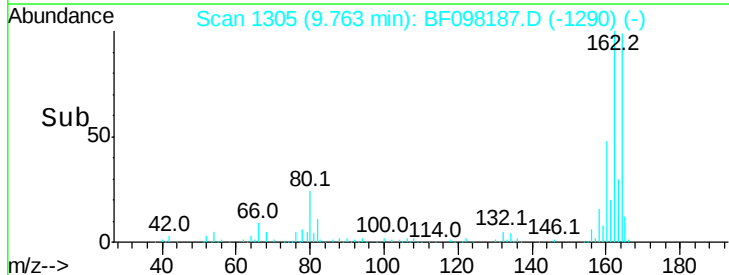
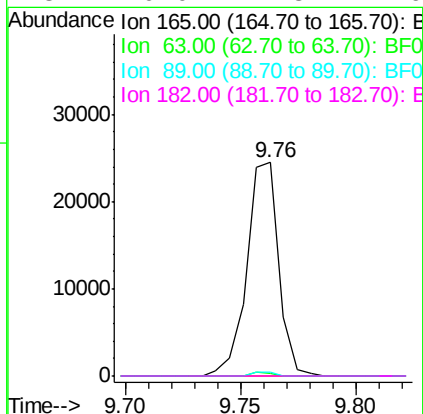
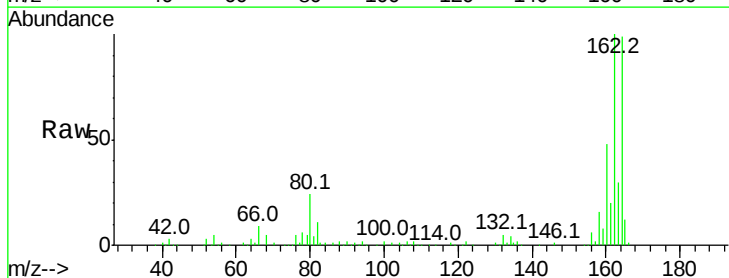
Instrument :
 BNA_F
 ClientSampleId :

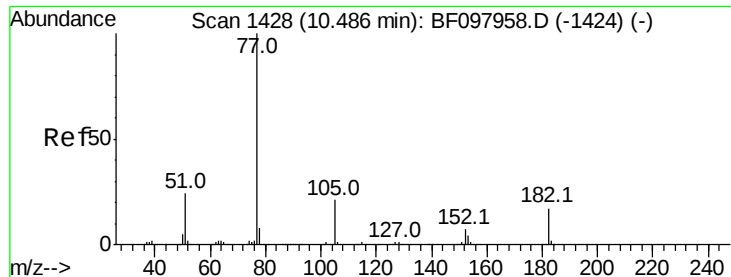
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.3	51.5#
89	2.0	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.848 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.21 min
 Lab File: BF098187.D
 Acq: 31 Aug 2017 7:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#





#62

Azobenzene

Concen: 2.230 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.12 min

Lab File: BF098187.D

Acq: 31 Aug 2017 7:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 38190

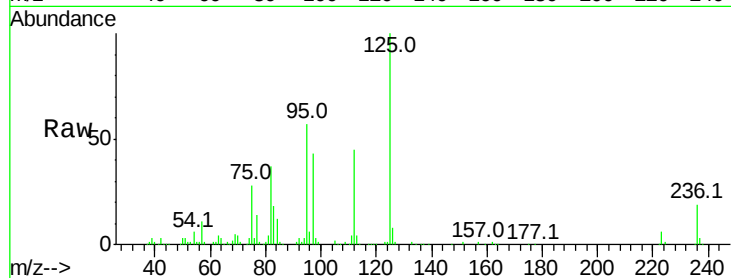
Ion Ratio Lower Upper

77 100

182 0.0 0.1 40.1#

105 11.6 3.6 43.6

51 24.7 9.4 49.4

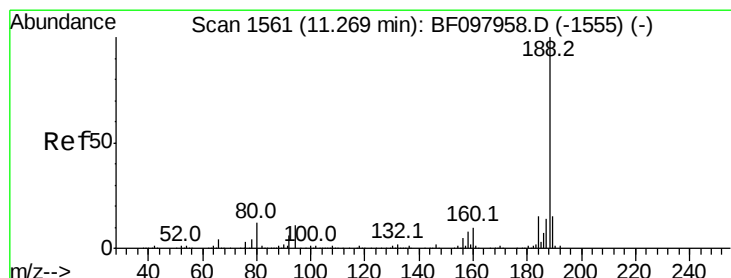
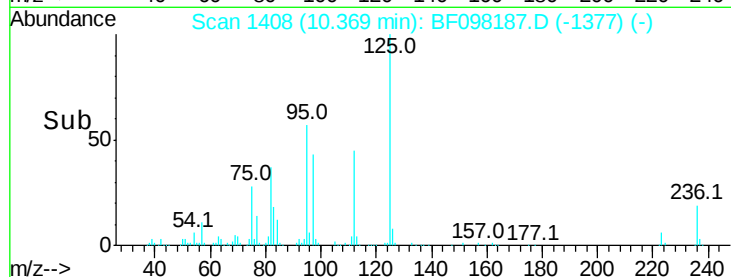
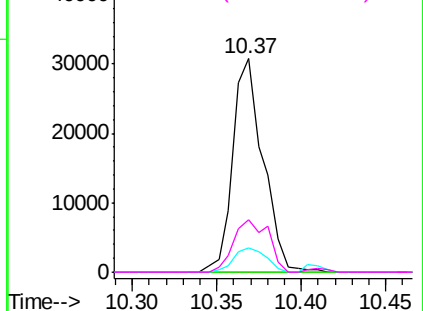


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF098187.D

Acq: 31 Aug 2017 7:03

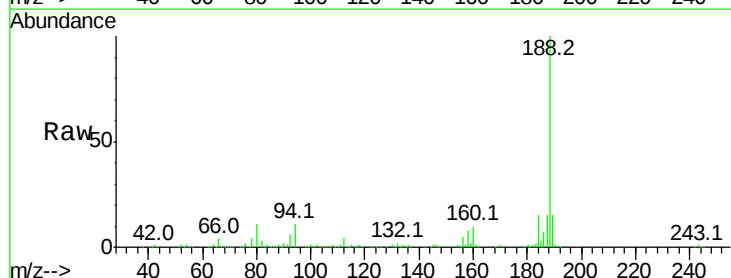
Tgt Ion: 188 Resp: 293807

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

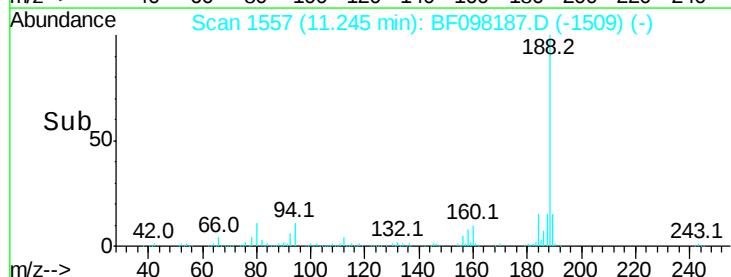
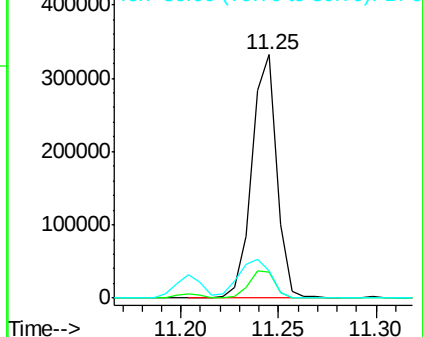
80 11.3 10.2 15.2

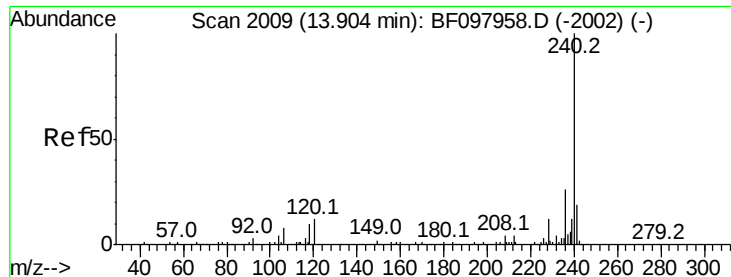


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF098187.D

Acq: 31 Aug 2017 7:03

Instrument :

BNA_F

ClientSampleId :

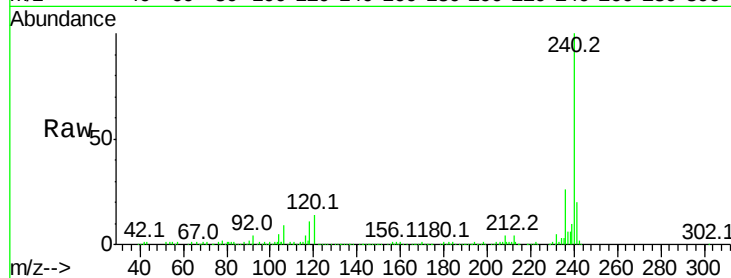
Tot Ion:240 Resp: 259685

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

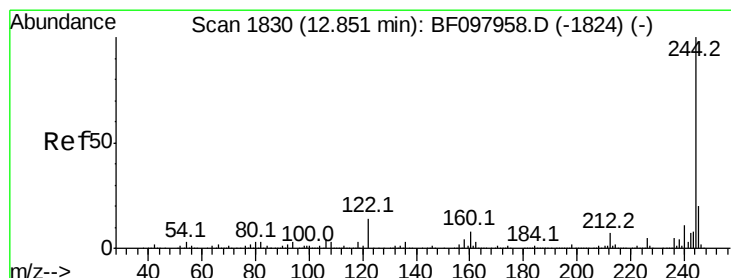
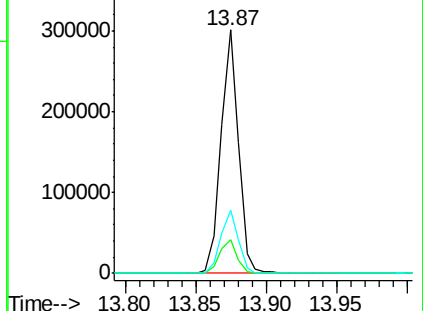
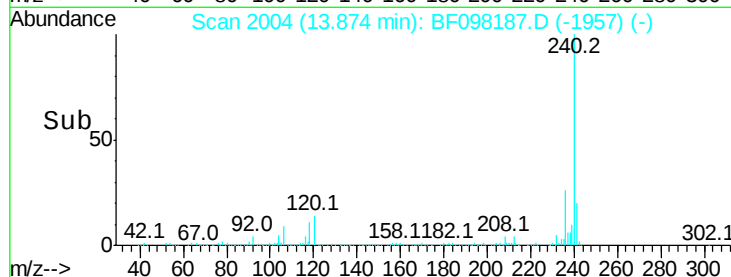
236 26.1 20.5 30.7



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: 65.756 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF098187.D

Acq: 31 Aug 2017 7:03

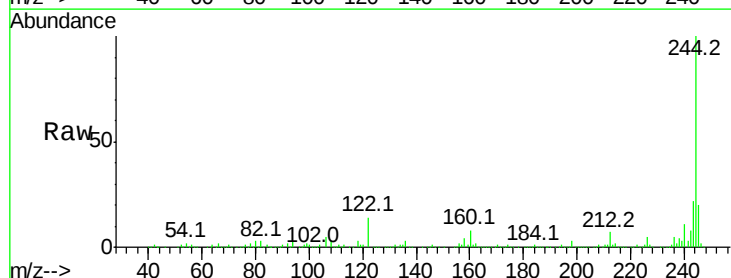
Tgt Ion:244 Resp: 818858

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

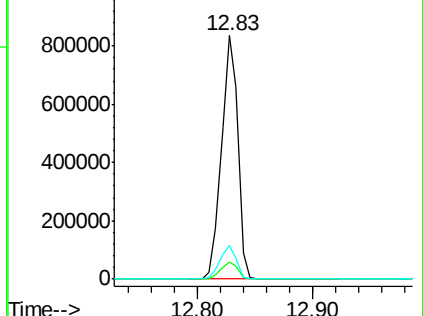
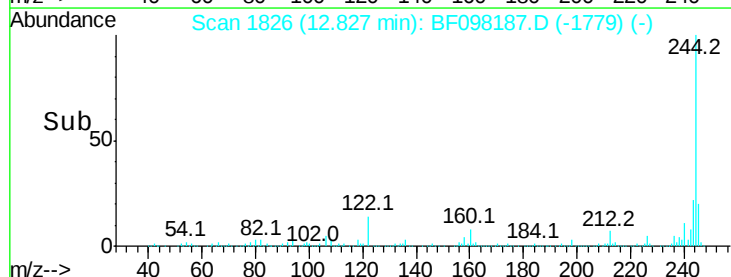
122 13.7 10.3 15.5

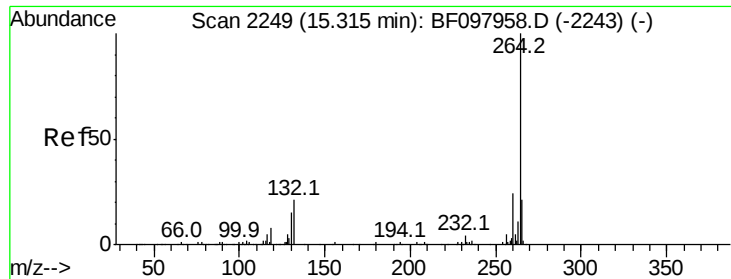


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

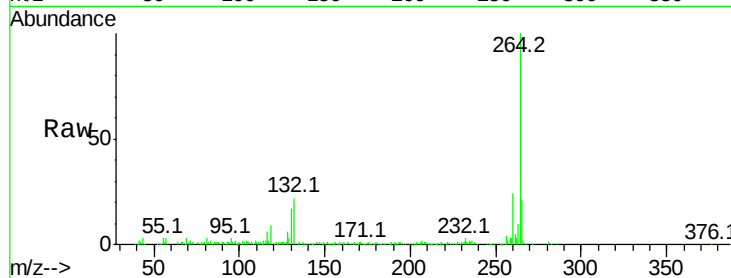




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.02 min
Lab File: BF098187.D
Acq: 31 Aug 2017 7:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	20.8	17.2	25.8



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

