

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099203.D
 Acq On : 7 Oct 2017 19:25
 Operator : SJ/JU
 Sample : I5586-11 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 08 03:38:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

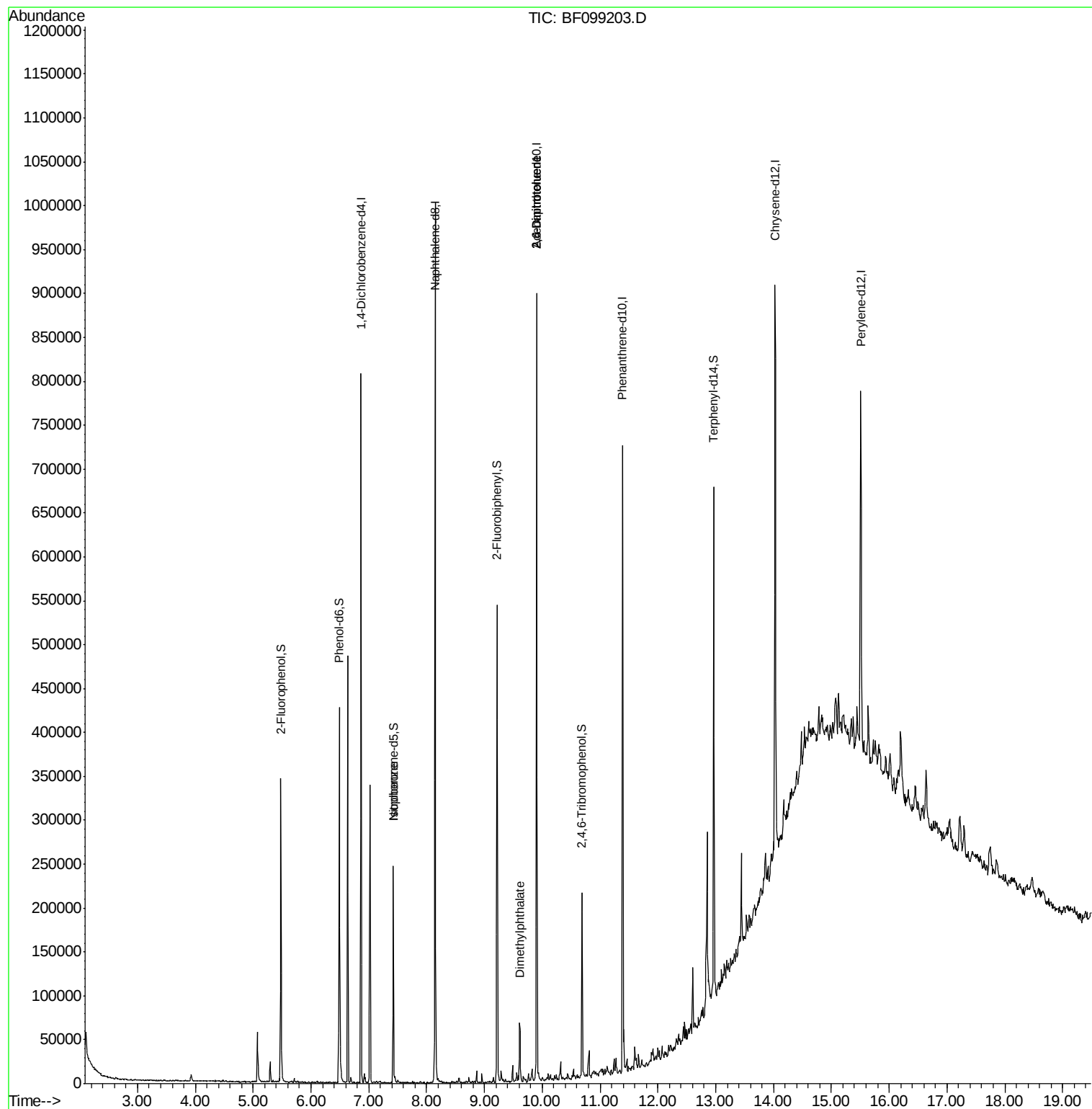
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	120267	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	438314	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	169021	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	261651	20.00	ng	0.00
75) Chrysene-d12	14.03	240	218082	20.00	ng	0.00
86) Perylene-d12	15.51	264	160857	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	111366	14.74	ng	0.00
7) Phenol-d6	6.49	99	146756	15.75	ng	0.00
23) Nitrobenzene-d5	7.42	82	73225	10.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	22320	16.14	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	162415	16.04	ng	-0.01
78) Terphenyl-d14	12.97	244	156817	16.35	ng	0.00
Target Compounds						
25) Isophorone	7.42	82	73224	5.182	ng	# 64
49) Dimethylphthalate	9.61	163	25871	2.028	ng	100
50) 2,6-Dinitrotoluene	9.90	165	21591	7.774	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	21591	5.990	ng	# 23

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

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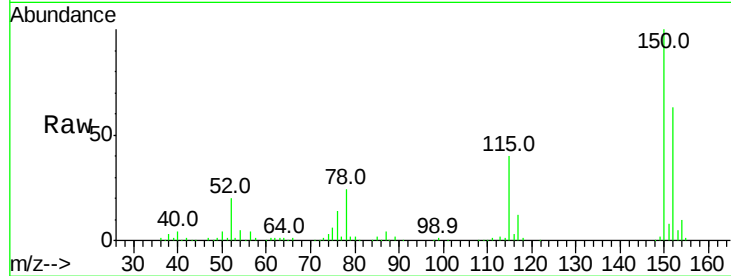


#1

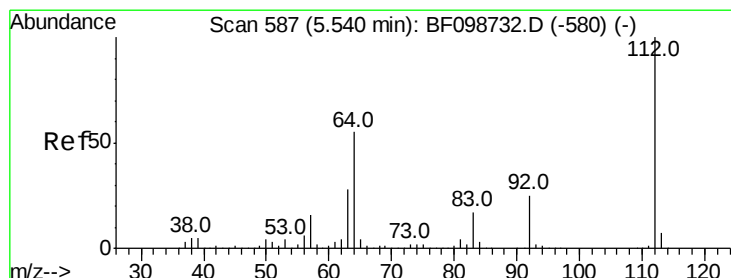
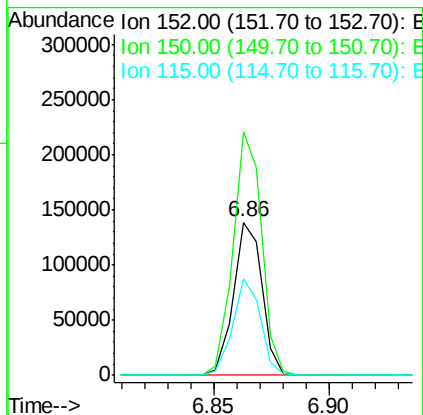
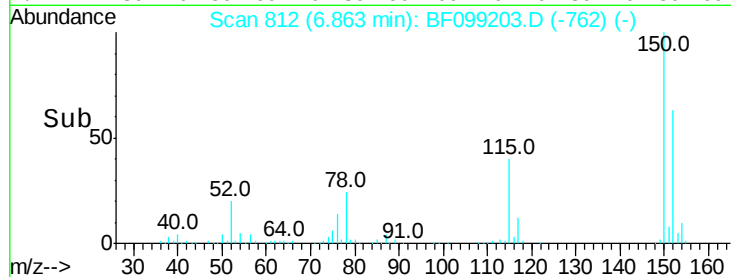
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099203.D
Acq: 7 Oct 2017 19:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 120267
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 62.7 50.1 75.1



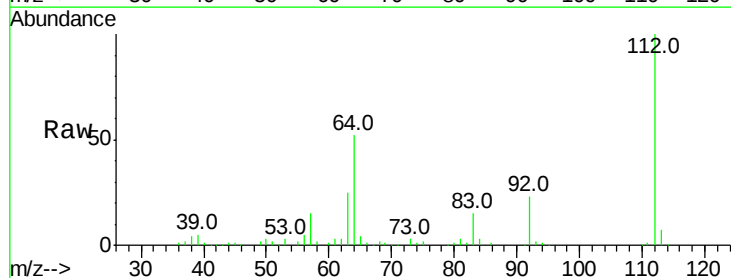
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



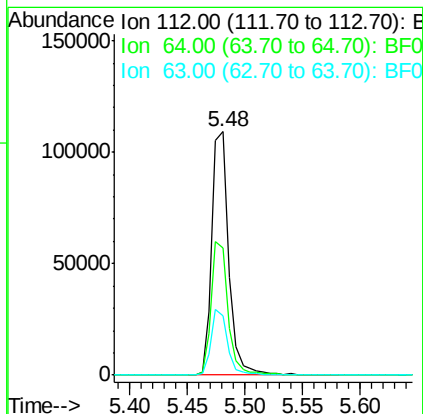
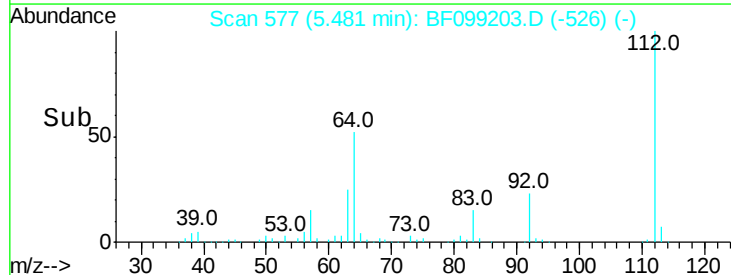
#5

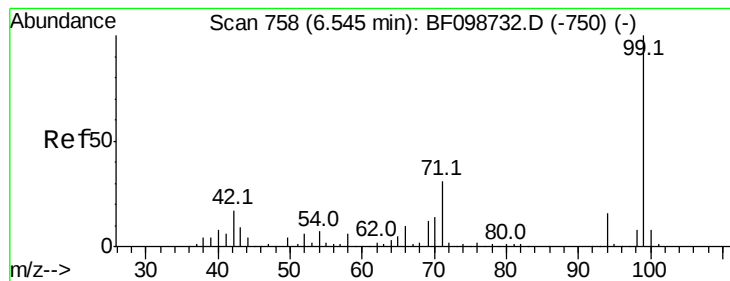
2-Fluorophenol
Concen: 14.741 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF099203.D
Acq: 7 Oct 2017 19:25

Tgt Ion:112 Resp: 111366
Ion Ratio Lower Upper
112 100
64 52.1 47.9 71.9
63 24.6 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: 15.747 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099203.D

Acq: 7 Oct 2017 19:25

Instrument :

BNA_F

ClientSampleId :

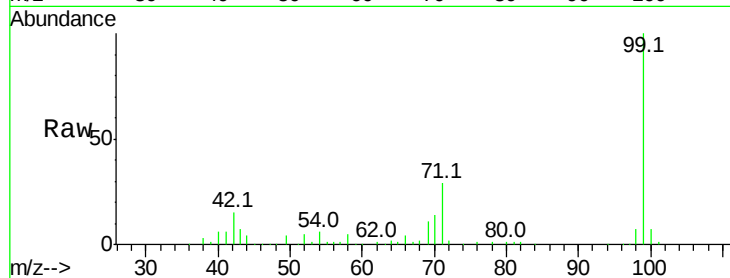
Tot Ion: 99 Resp: 146756

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

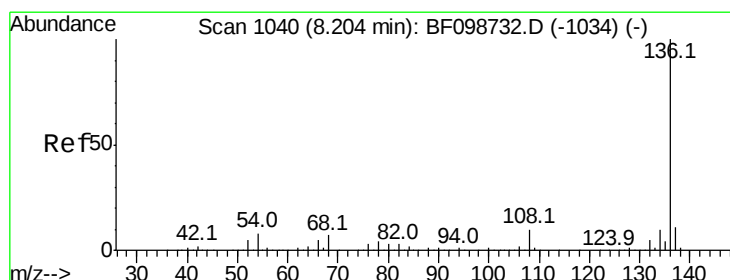
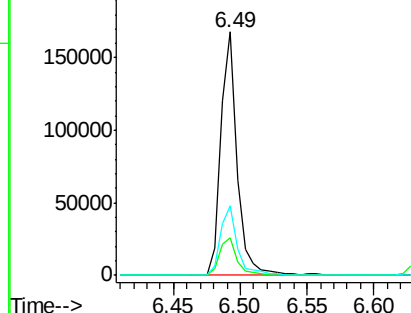
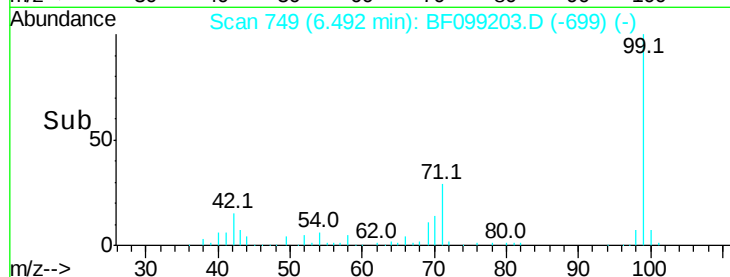
71 28.6 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099203.D

Acq: 7 Oct 2017 19:25

Tgt Ion: 136 Resp: 438314

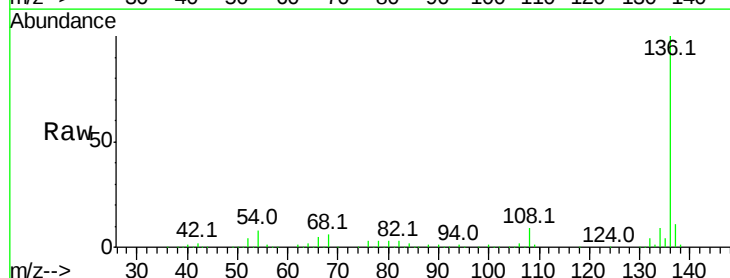
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.3 6.6 9.8

68 6.3 5.0 7.4

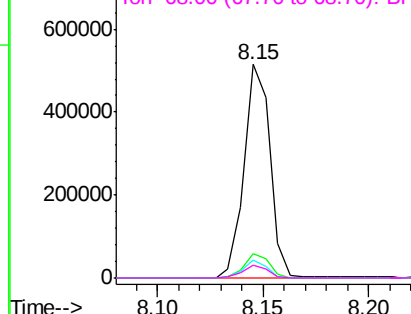
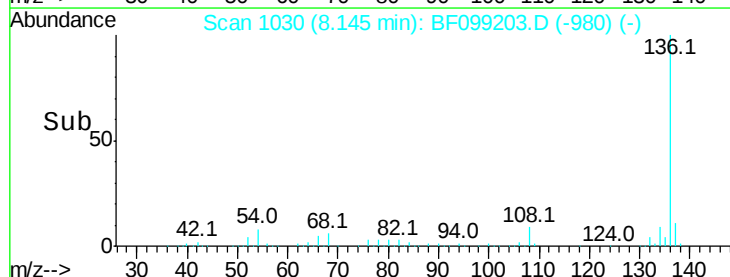


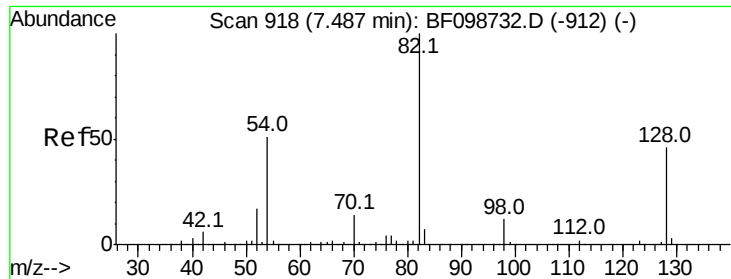
Abundance Ion 136.00 (135.70 to 136.70): E

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

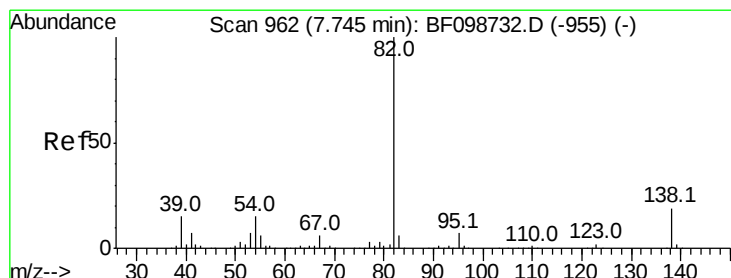
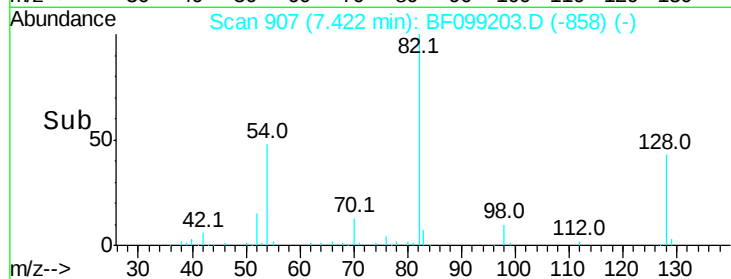
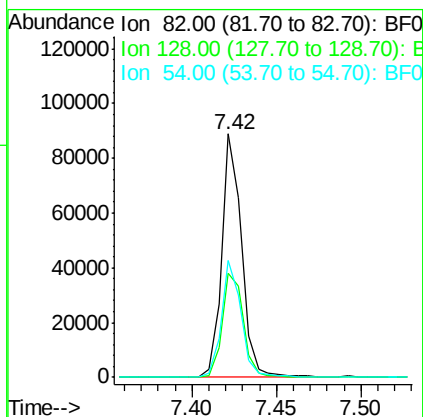
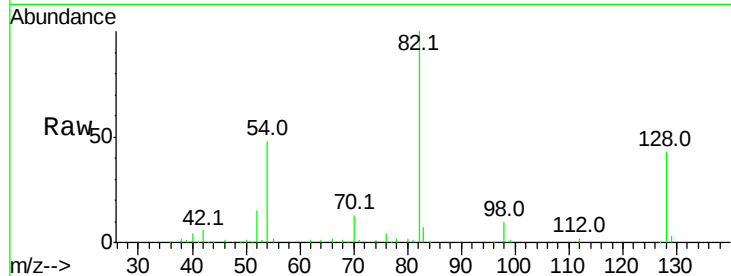




#23
Nitrobenzene-d5
Concen: 10.714 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF099203.D
Acq: 7 Oct 2017 19:25

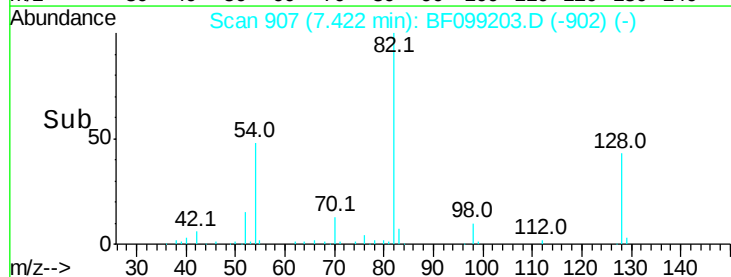
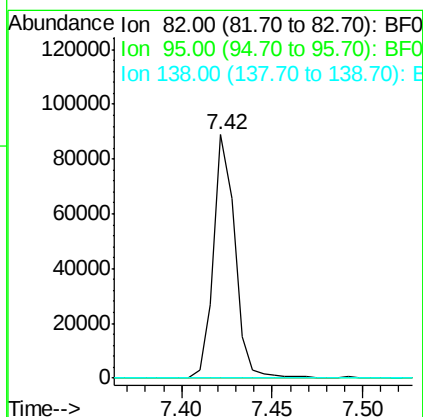
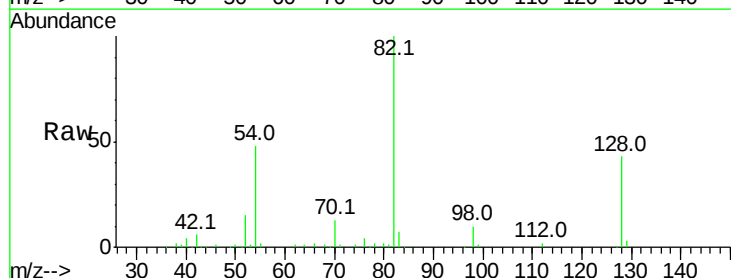
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 73225
Ion Ratio Lower Upper
82 100
128 42.6 36.1 54.1
54 48.2 41.4 62.2



#25
Isophorone
Concen: 5.182 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.27 min
Lab File: BF099203.D
Acq: 7 Oct 2017 19:25

Tgt Ion: 82 Resp: 73224
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

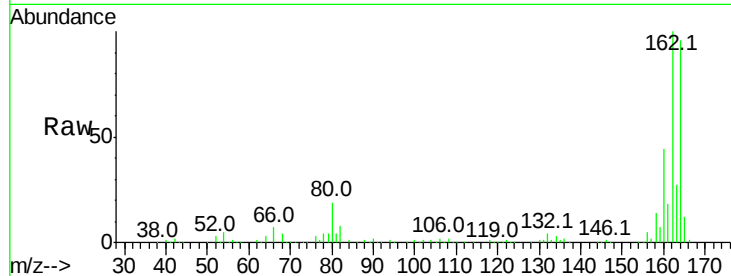




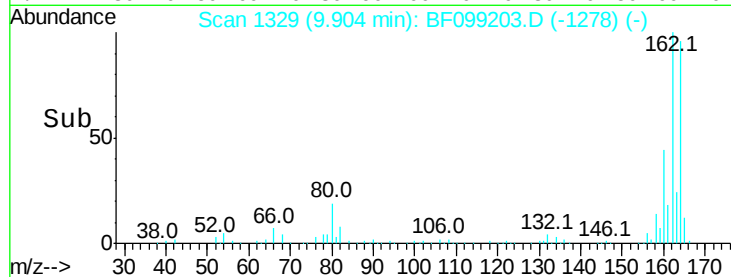
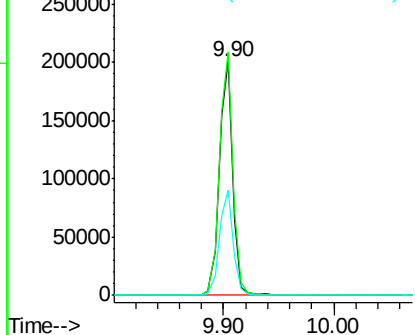
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF099203.D
Acq: 7 Oct 2017 19:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 169021
Ion Ratio Lower Upper
164 100
162 103.8 86.1 129.1
160 45.2 38.3 57.5

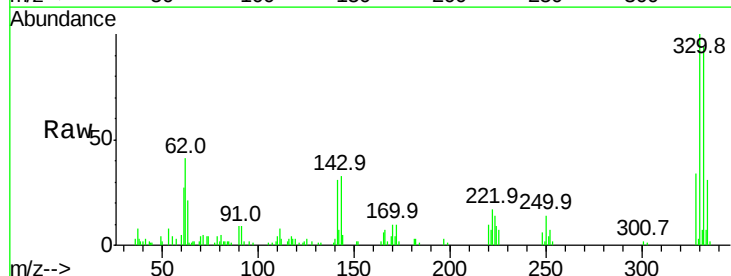


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

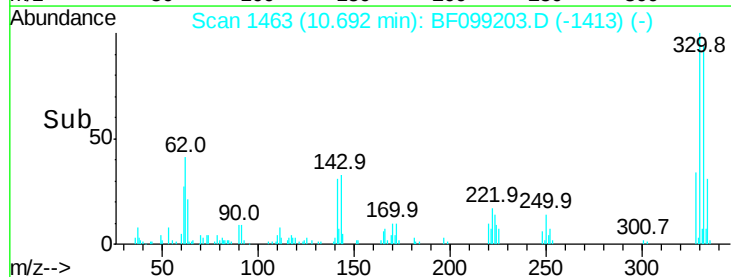
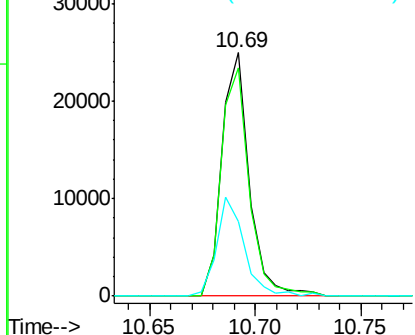


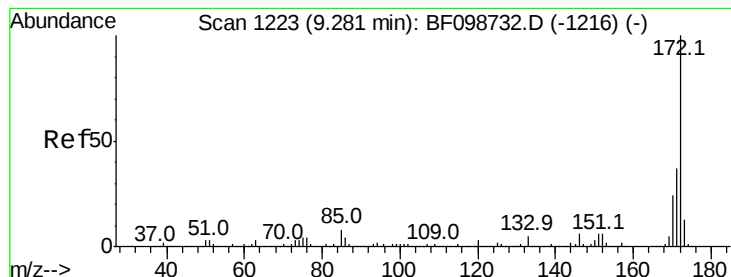
#41
2,4,6-Tribromophenol
Concen: 16.138 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099203.D
Acq: 7 Oct 2017 19:25

Tgt Ion:330 Resp: 22320
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 41.8 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: 16.042 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF099203.D

Acq: 7 Oct 2017 19:25

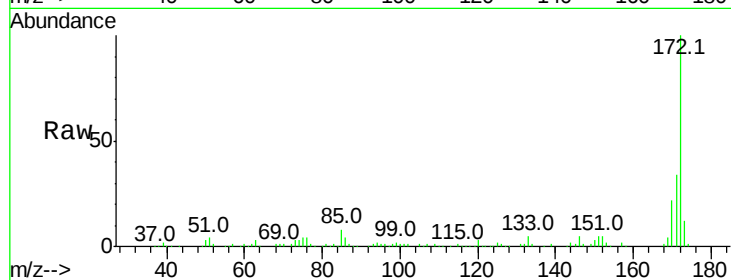
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 162415

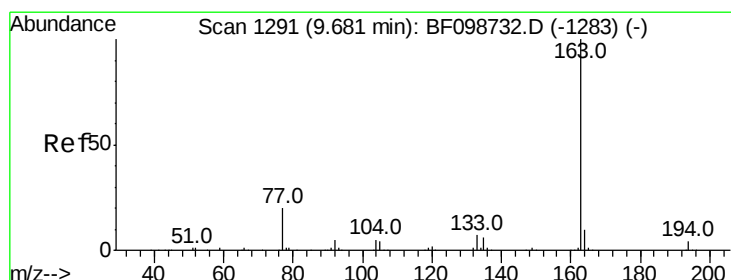
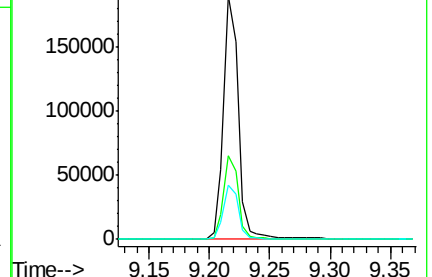
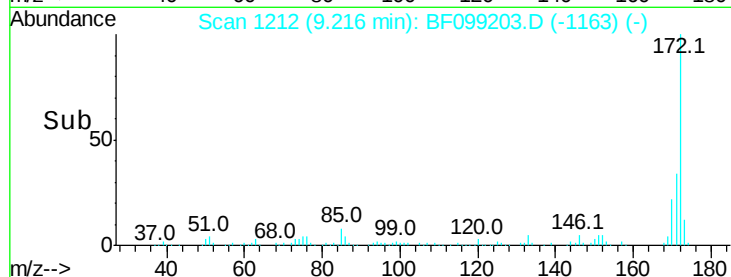
Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.7	44.5
170	22.3	19.6	29.4



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: 2.028 ng

RT: 9.61 min Scan# 1279

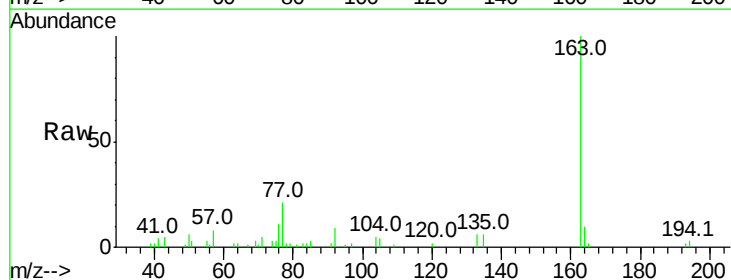
Delta R.T. -0.02 min

Lab File: BF099203.D

Acq: 7 Oct 2017 19:25

Tgt Ion:163 Resp: 25871

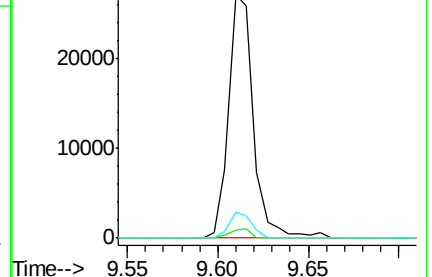
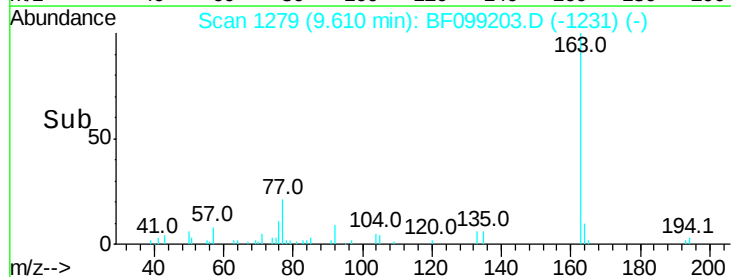
Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.4	8.2	12.2

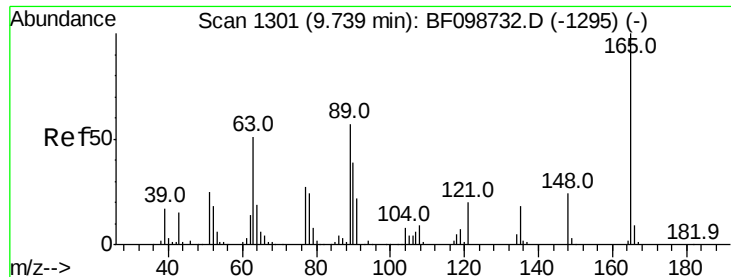


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

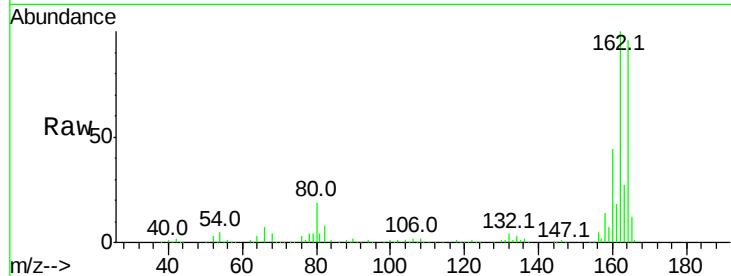




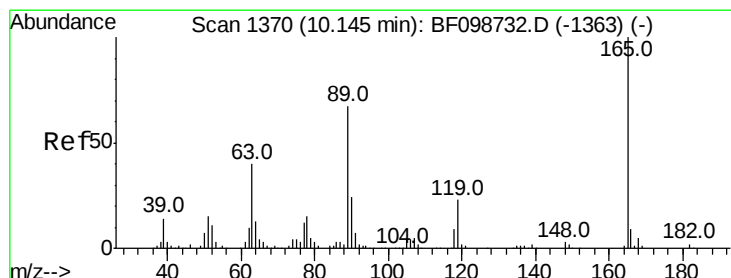
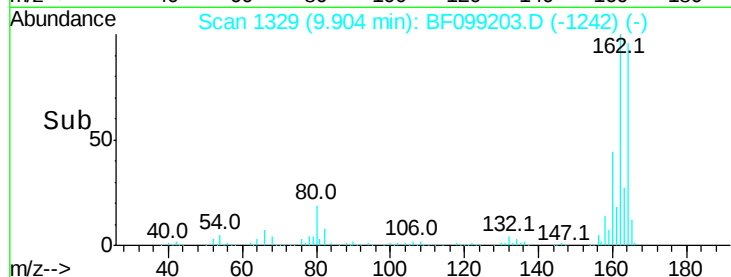
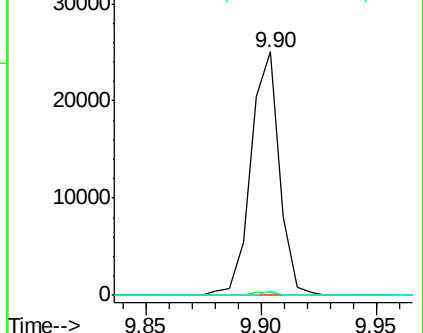
#50
2,6-Dinitrotoluene
Concen: 7.774 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.21 min
Lab File: BF099203.D
Acq: 7 Oct 2017 19:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.8	44.0	66.0#



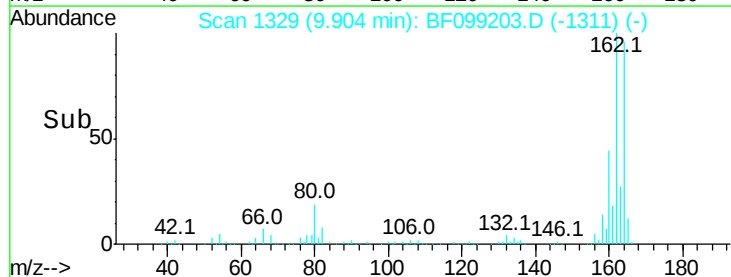
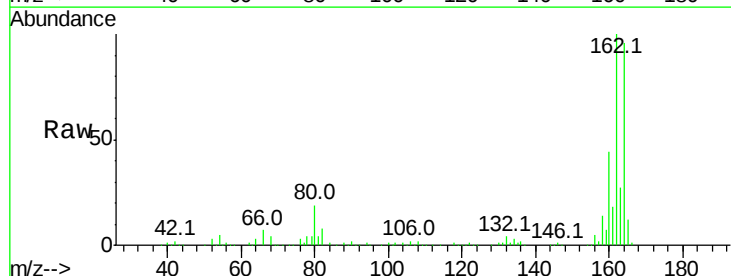
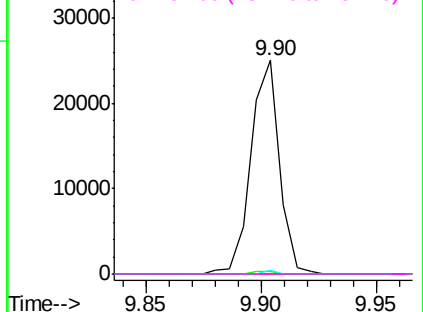
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

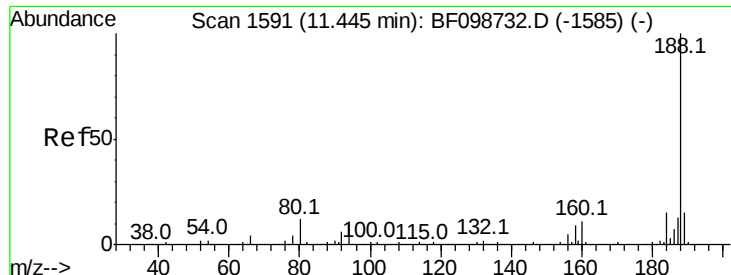


#56
2,4-Dinitrotoluene
Concen: 5.990 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.19 min
Lab File: BF099203.D
Acq: 7 Oct 2017 19:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.8	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

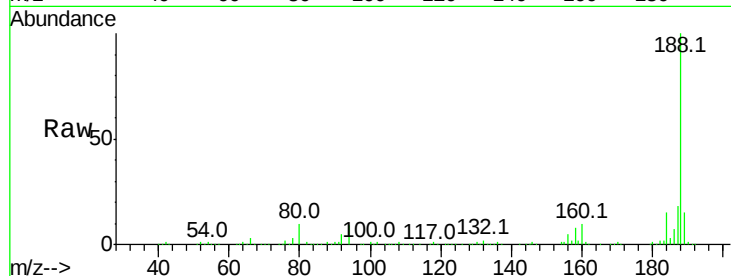




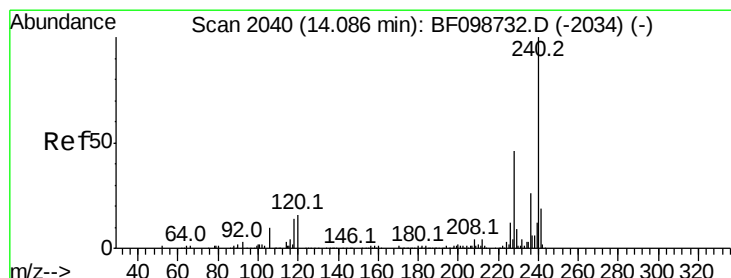
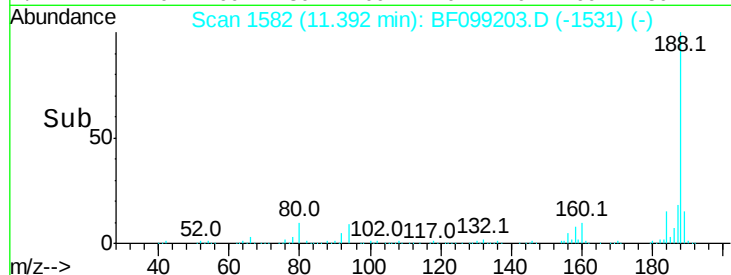
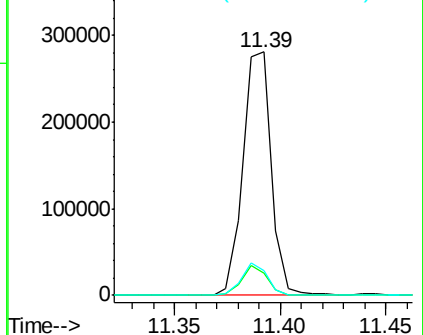
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BF099203.D
 Acq: 7 Oct 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 261651
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.5 12.7
 80 10.0 9.2 13.8

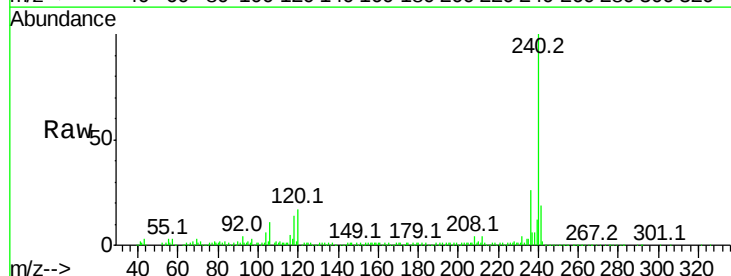


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

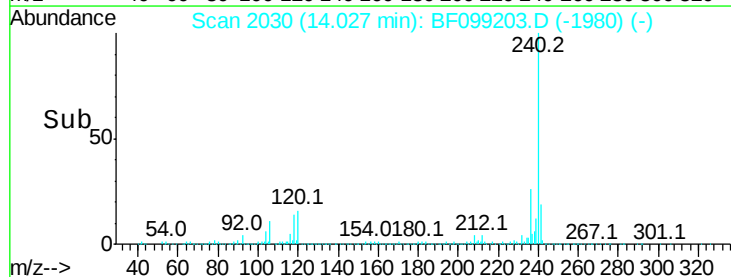
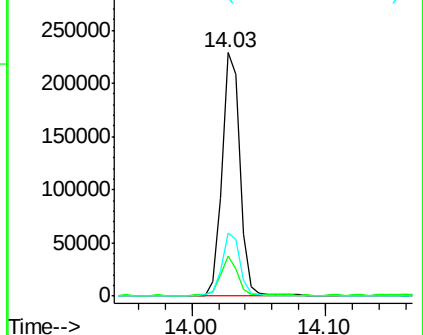


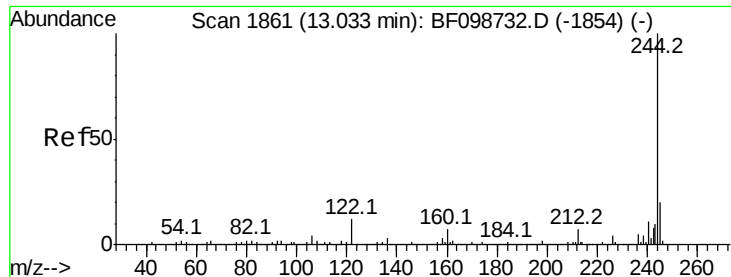
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF099203.D
 Acq: 7 Oct 2017 19:25

Tgt Ion:240 Resp: 218082
 Ion Ratio Lower Upper
 240 100
 120 16.6 9.5 14.3#
 236 25.9 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

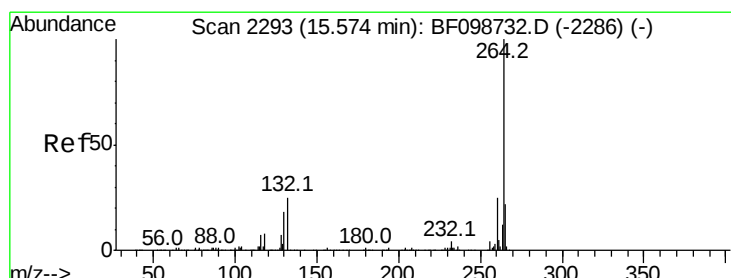
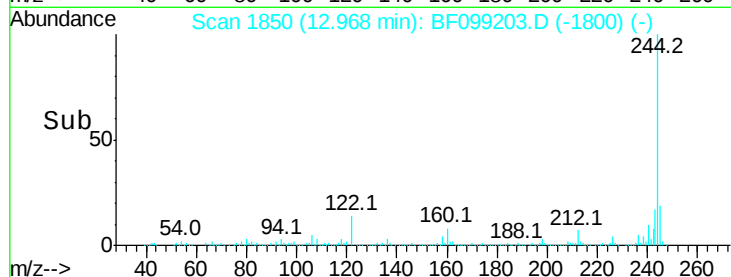
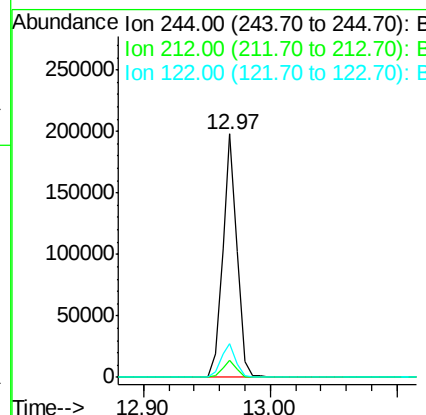
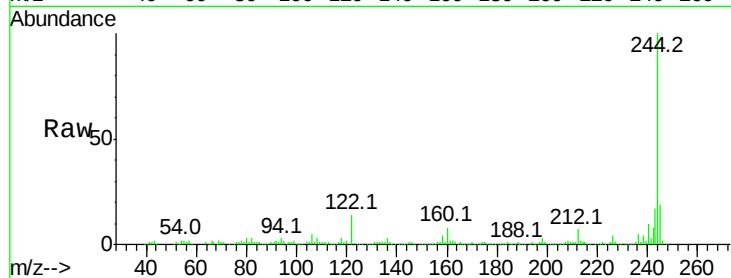




#78
 Terphenyl-d14
 Concen: 16.353 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF099203.D
 Acq: 7 Oct 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 156817
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. 0.01 min
 Lab File: BF099203.D
 Acq: 7 Oct 2017 19:25

Tgt Ion:264 Resp: 160857
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 22.1 17.5 26.3

