

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099110.D
 Acq On : 5 Oct 2017 18:25
 Operator : SJ/JU
 Sample : PB102898BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 19:52:20 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

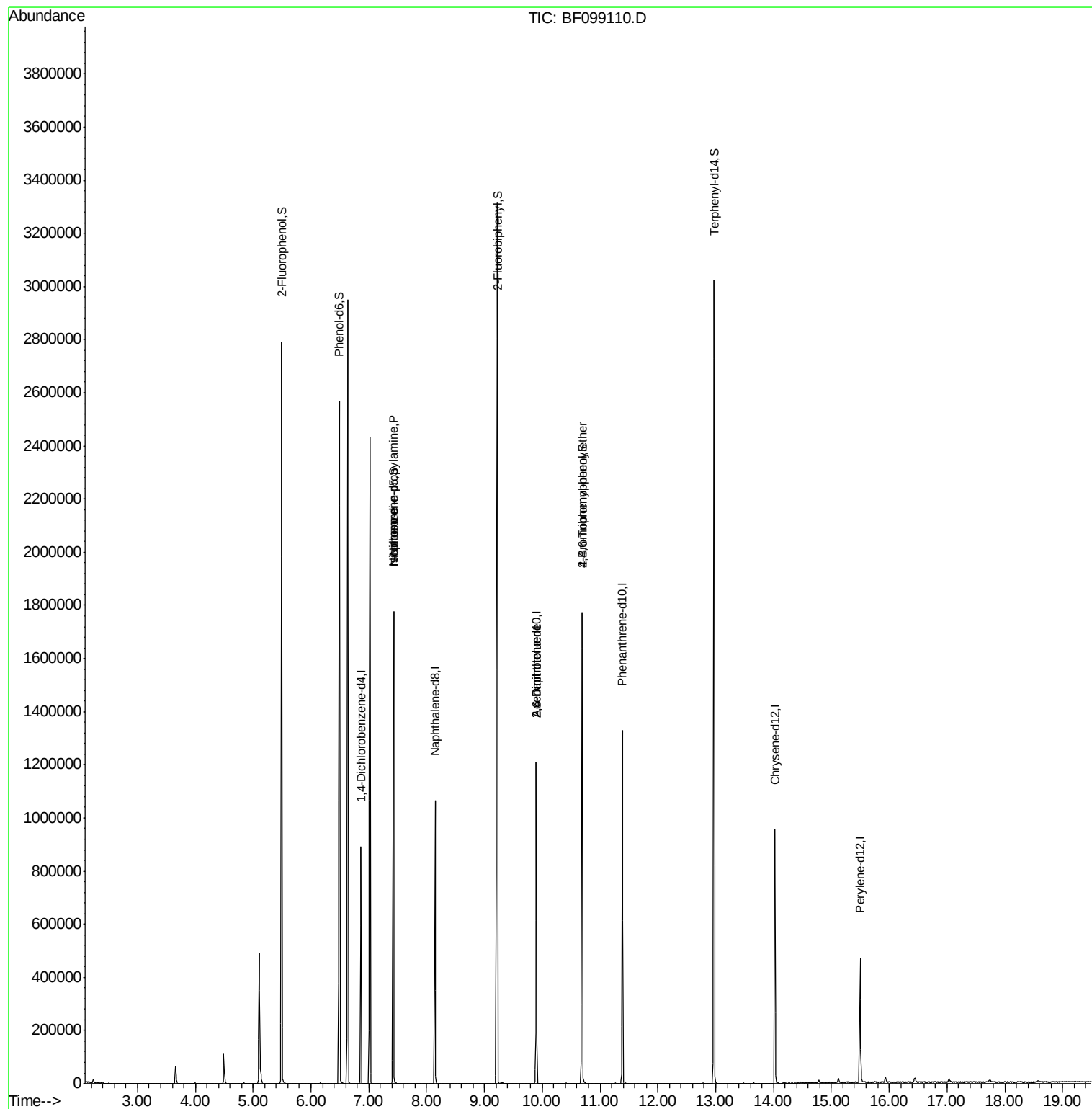
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	124219	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	509418	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	233154	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	427625	20.00	ng	0.00
75) Chrysene-d12	14.03	240	323055	20.00	ng	0.00
86) Perylene-d12	15.50	264	182903	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	920514	117.97	ng	0.01
7) Phenol-d6	6.49	99	1104322	114.72	ng	0.00
23) Nitrobenzene-d5	7.43	82	659926	83.08	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	229383	120.23	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1194510	85.53	ng	0.00
78) Terphenyl-d14	12.97	244	1051682	74.03	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	84069	13.679	ng	# 76
25) Isophorone	7.43	82	659494	40.156	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	29357	7.663	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	29357	5.904	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	15233	3.639	ng	# 1

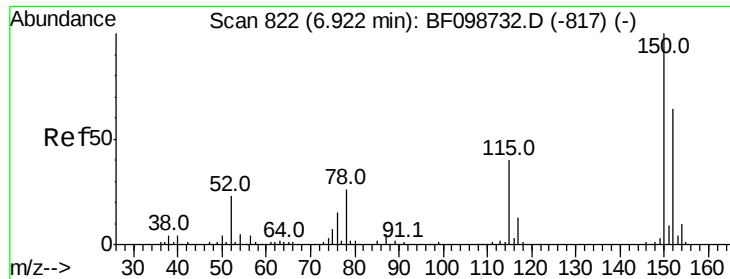
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
Data File : BF099110.D
Acq On : 5 Oct 2017 18:25
Operator : SJ/JU
Sample : PB102898BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 05 19:52:20 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



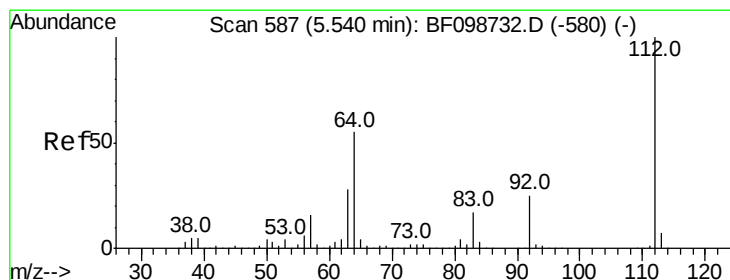
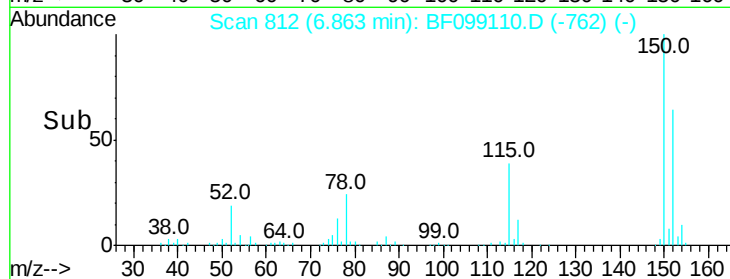
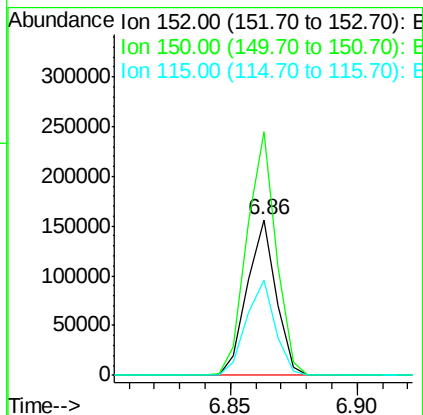
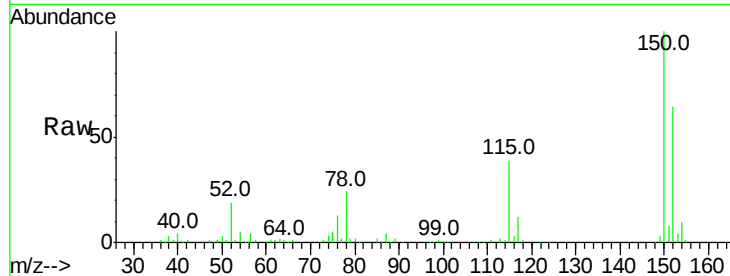


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099110.D
 Acq: 5 Oct 2017 18:25

Instrument :
 BNA_F
 ClientSampleId :

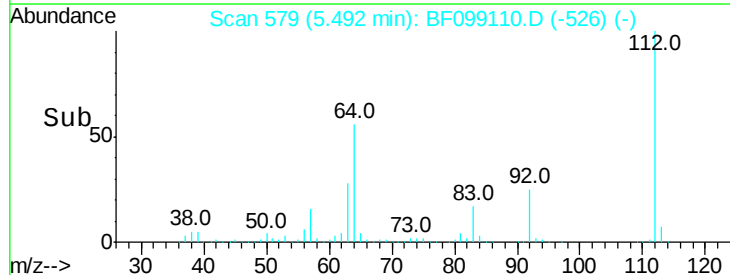
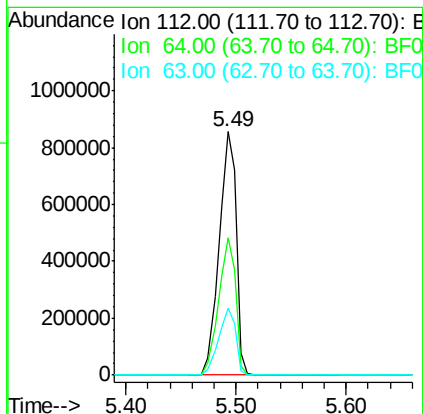
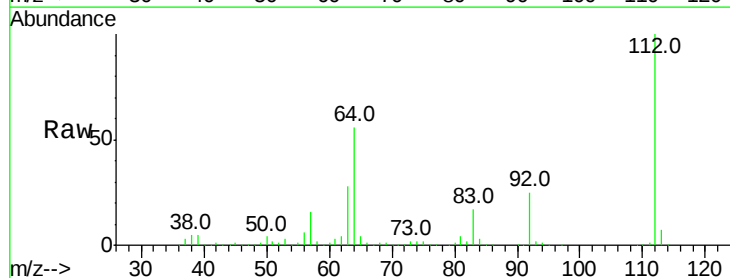
Tot Ion:152 Resp: 124219
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.6 186.8
 115 61.1 50.1 75.1



#5

2-Fluorophenol
 Concen: 117.966 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF099110.D
 Acq: 5 Oct 2017 18:25

Tgt Ion:112 Resp: 920514
 Ion Ratio Lower Upper
 112 100
 64 56.5 47.9 71.9
 63 27.7 23.7 35.5





#7

Phenol-d6

Concen: 114.721 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099110.D

Acq: 5 Oct 2017 18:25

Instrument :

BNA_F

ClientSampleId :

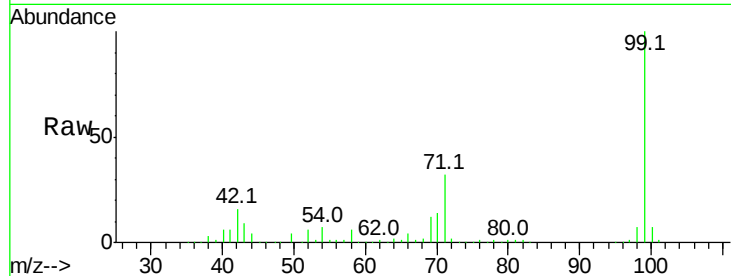
Tot Ion: 99 Resp: 1104322

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

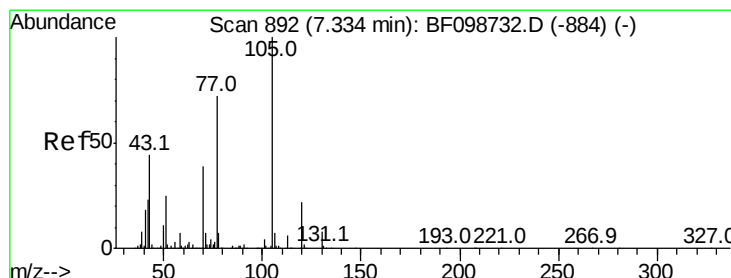
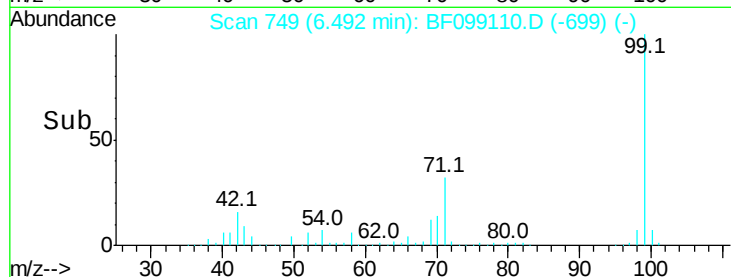
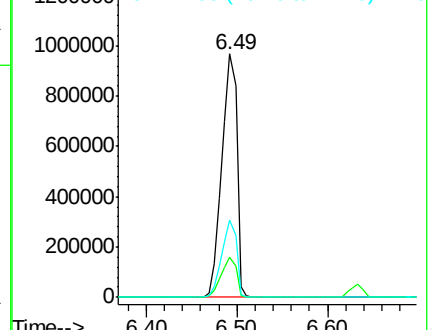
71 31.6 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.679 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF099110.D

Acq: 5 Oct 2017 18:25

Tgt Ion: 70 Resp: 84069

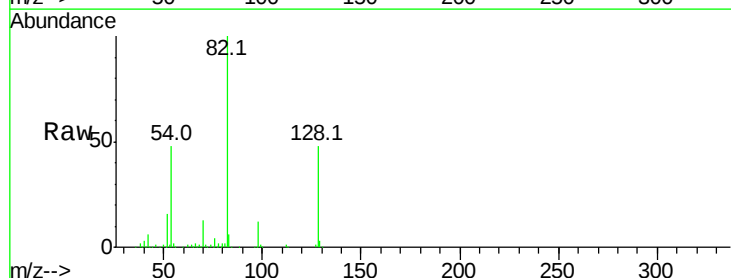
Ion Ratio Lower Upper

70 100

42 45.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

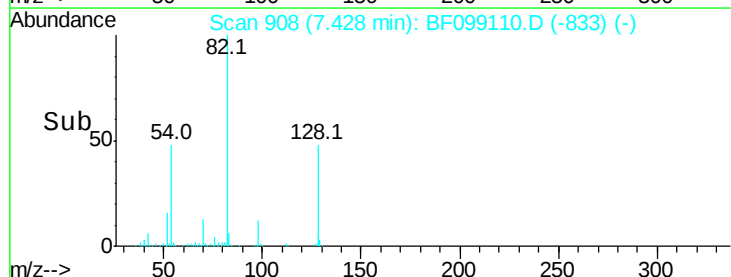
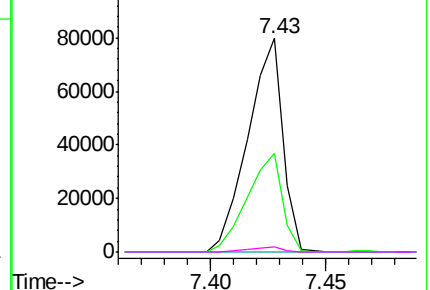


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

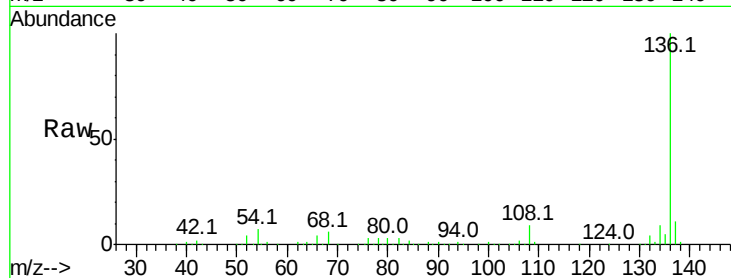




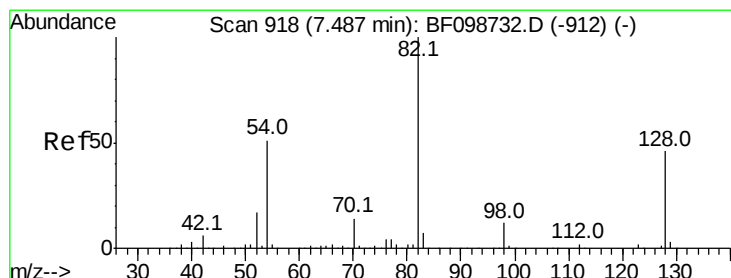
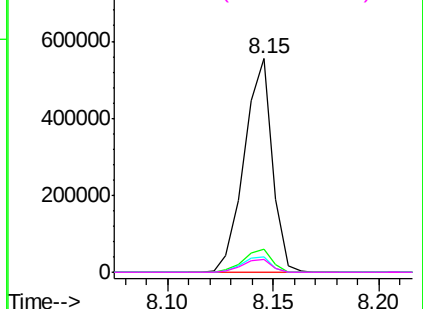
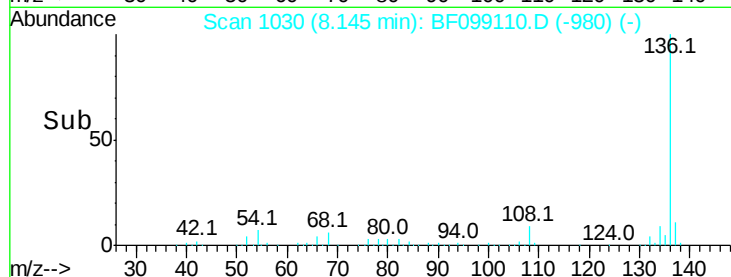
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099110.D
Acq: 5 Oct 2017 18:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	509418
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.1	6.6	9.8
68	5.7	5.0	7.4

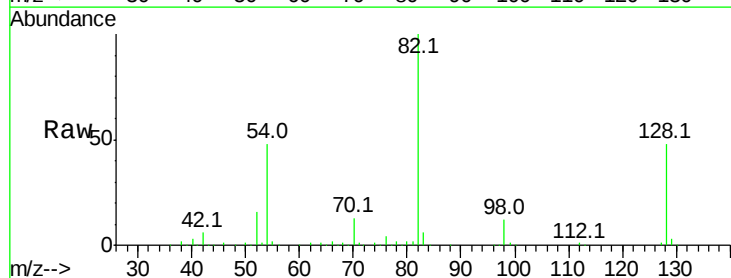


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

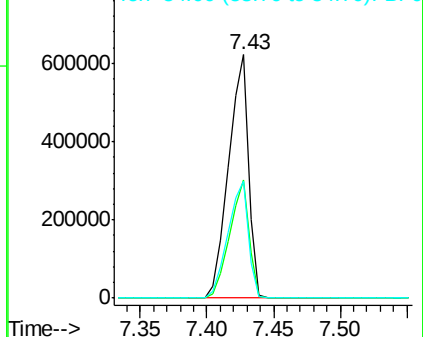
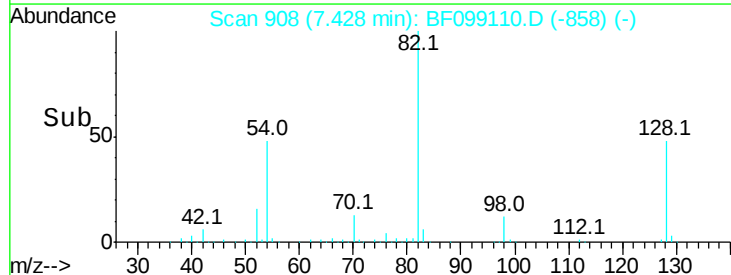


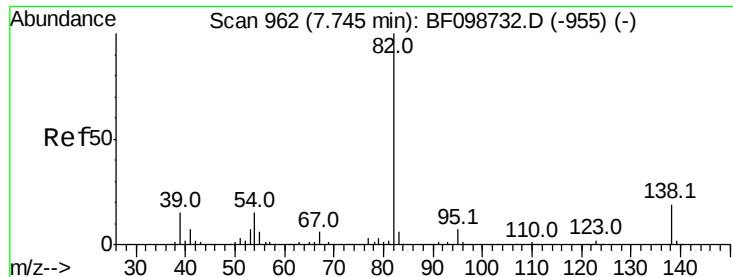
#23
Nitrobenzene-d5
Concen: 83.077 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099110.D
Acq: 5 Oct 2017 18:25

Tgt Ion:	82	Resp:	659926
Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.1	54.1
54	47.8	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: 40.156 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF099110.D

Acq: 5 Oct 2017 18:25

Instrument :

BNA_F

ClientSampled :

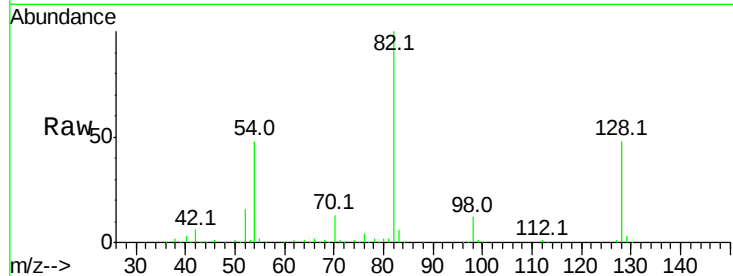
Tot Ion: 82 Resp: 659494

Ion Ratio Lower Upper

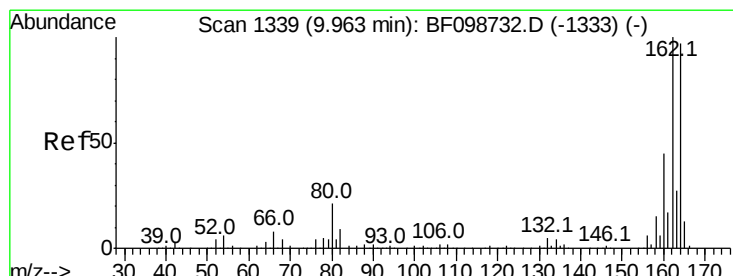
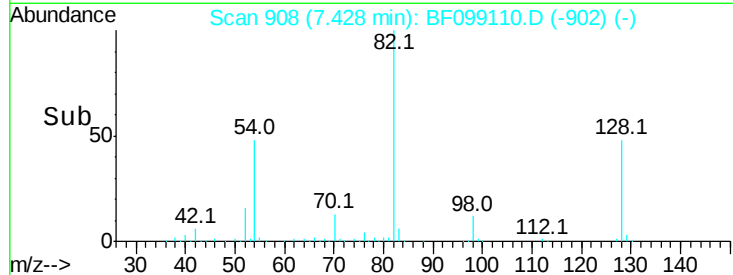
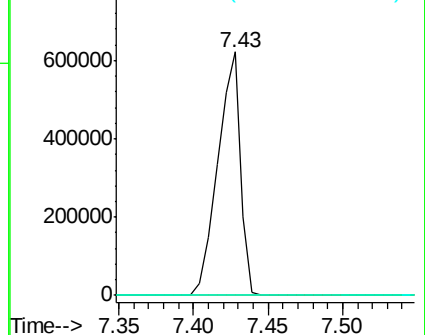
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099110.D

Acq: 5 Oct 2017 18:25

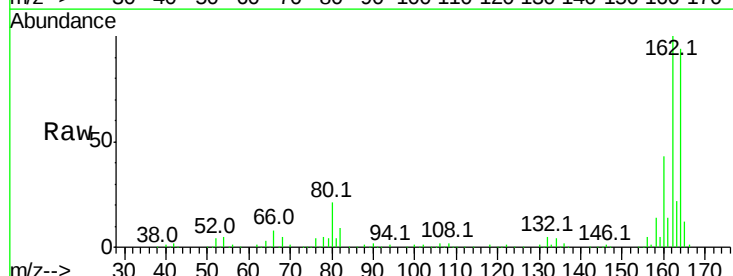
Tgt Ion:164 Resp: 233154

Ion Ratio Lower Upper

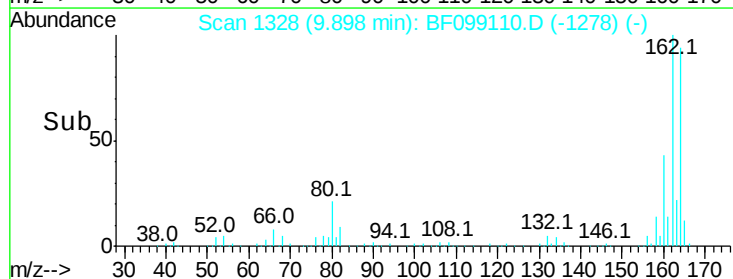
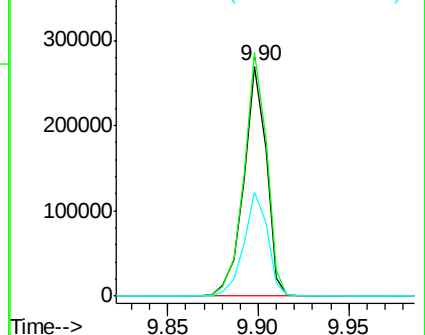
164 100

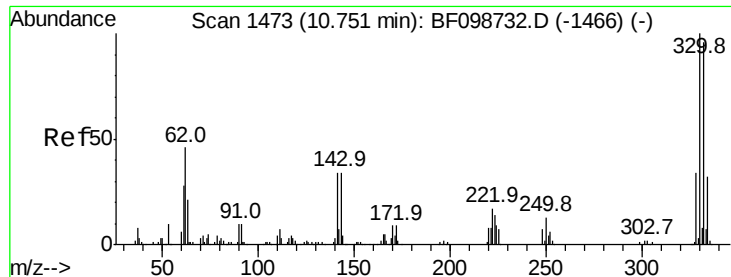
162 106.0 86.1 129.1

160 45.3 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

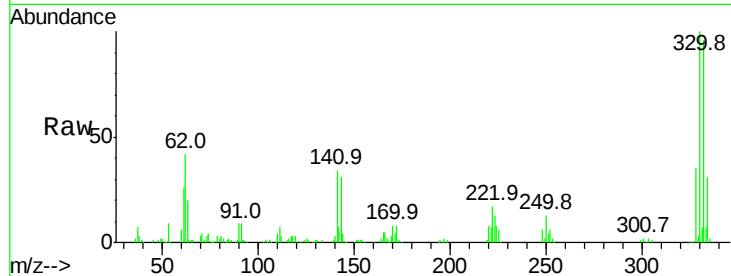




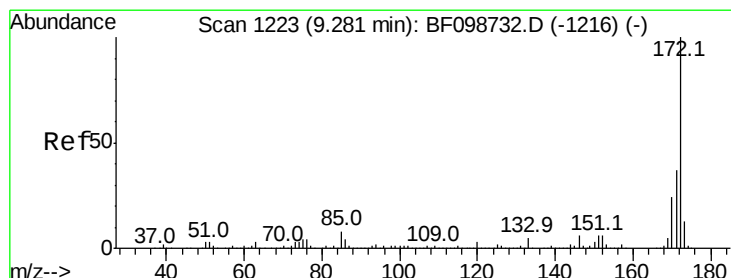
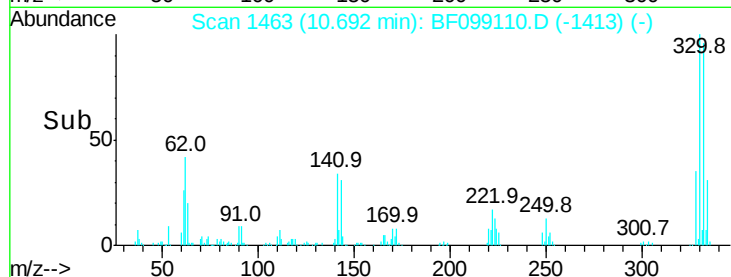
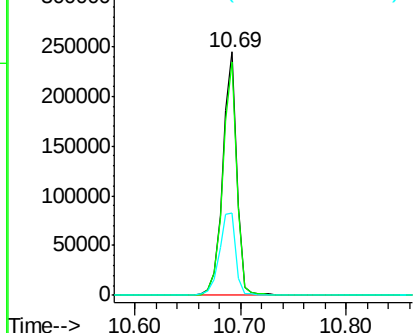
#41
 2,4,6-Tribromophenol
 Concen: 120.232 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099110.D
 Acq: 5 Oct 2017 18:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 229383
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 39.7 29.9 44.9

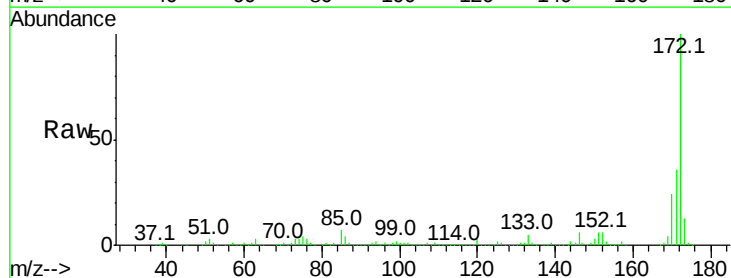


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

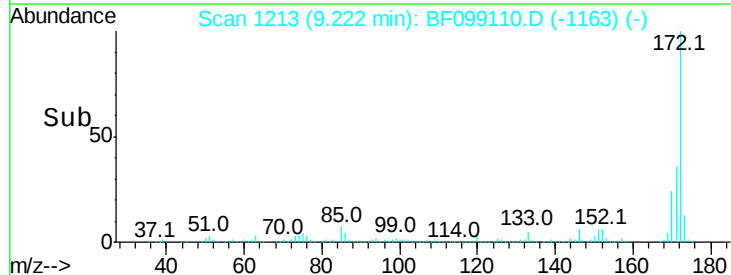
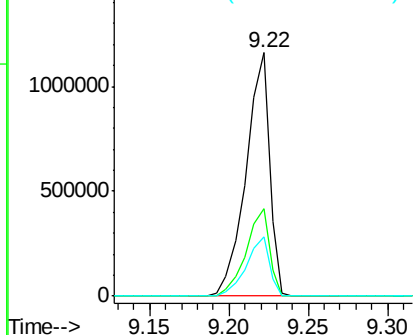


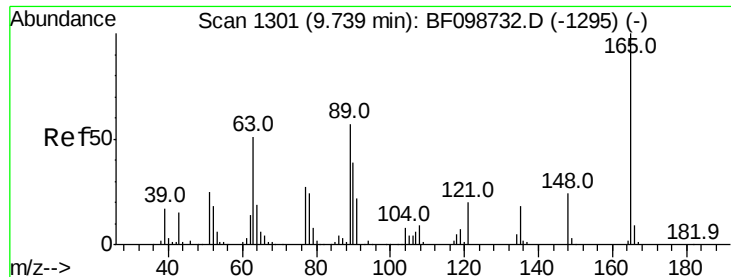
#44
 2-Fluorobiphenyl
 Concen: 85.529 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099110.D
 Acq: 5 Oct 2017 18:25

Tgt Ion:172 Resp: 1194510
 Ion Ratio Lower Upper
 172 100
 171 36.1 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

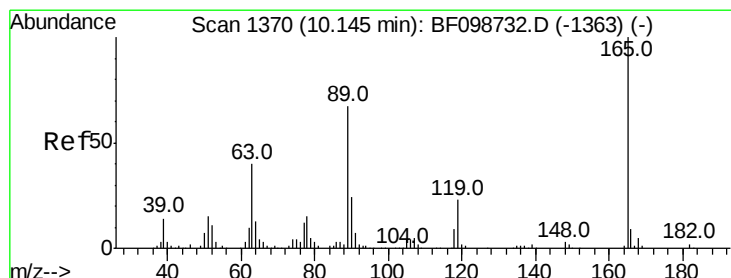
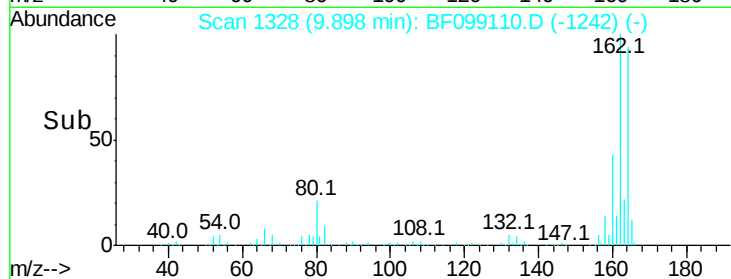
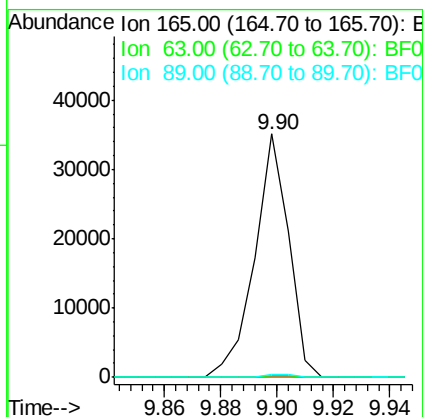
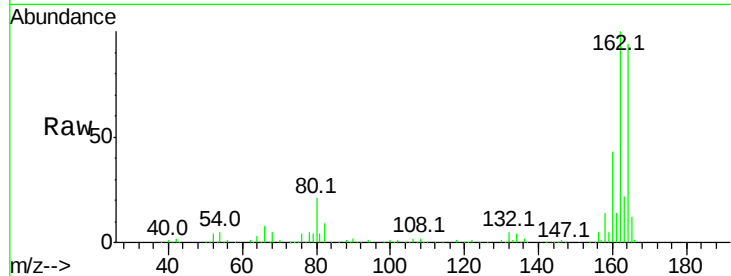




#50
 2,6-Dinitrotoluene
 Concen: 7.663 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099110.D
 Acq: 5 Oct 2017 18:25

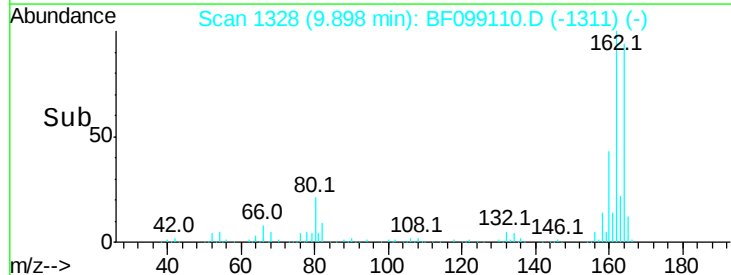
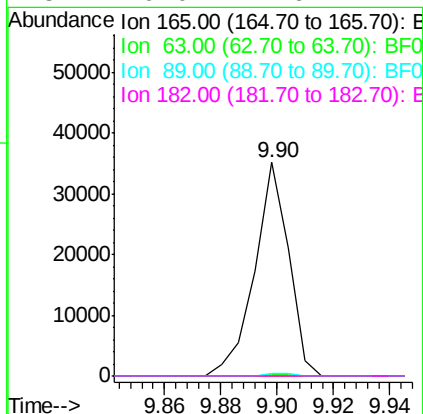
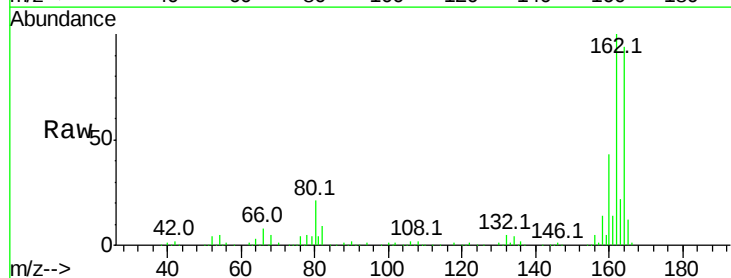
Instrument :
 BNA_F
 ClientSampleId :

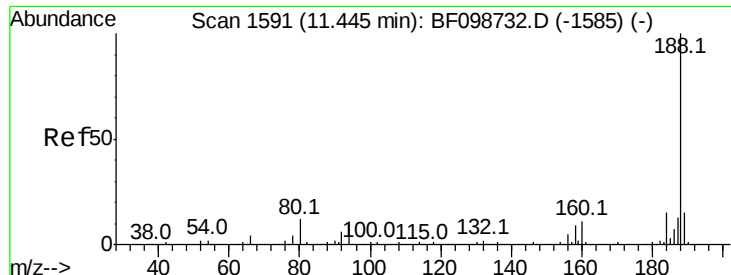
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.904 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099110.D
 Acq: 5 Oct 2017 18:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF099110.D

Acq: 5 Oct 2017 18:25

Instrument :

BNA_F

ClientSampleId :

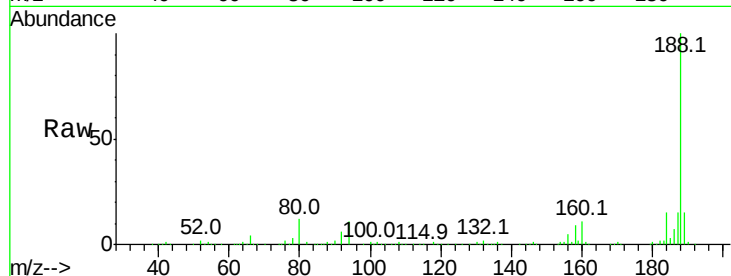
Tot Ion:188 Resp: 427625

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

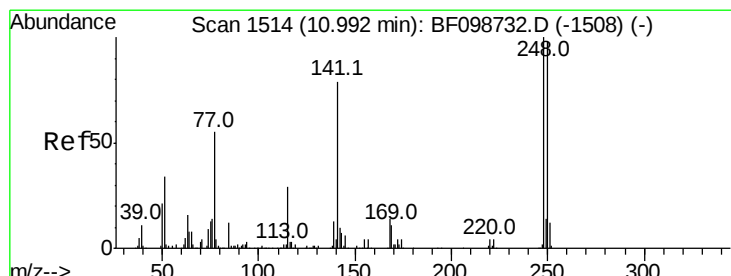
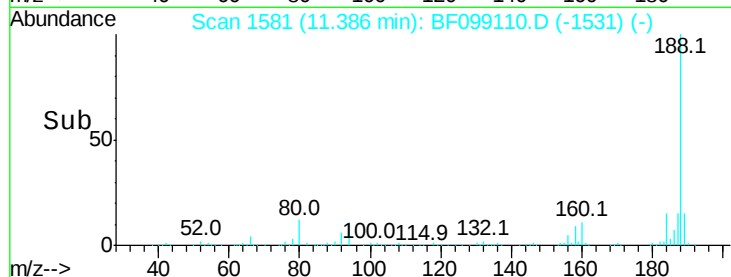
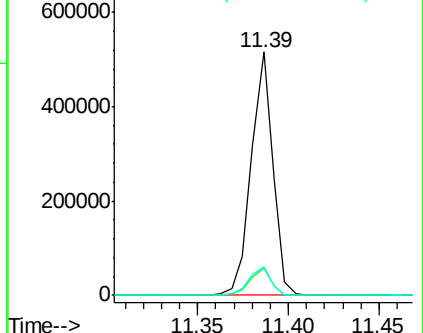
80 11.8 9.2 13.8



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: 3.639 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.24 min

Lab File: BF099110.D

Acq: 5 Oct 2017 18:25

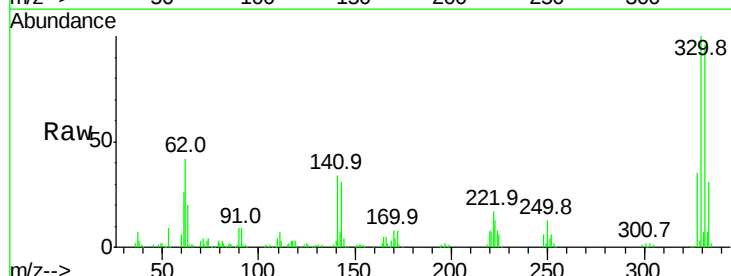
Tgt Ion:248 Resp: 15233

Ion Ratio Lower Upper

248 100

250 205.6 76.9 115.3#

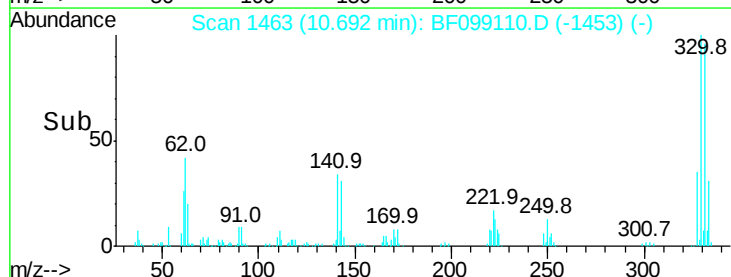
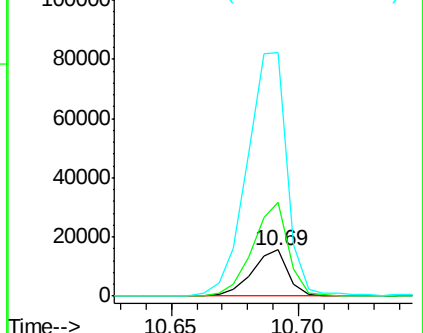
141 530.5 74.4 111.6#

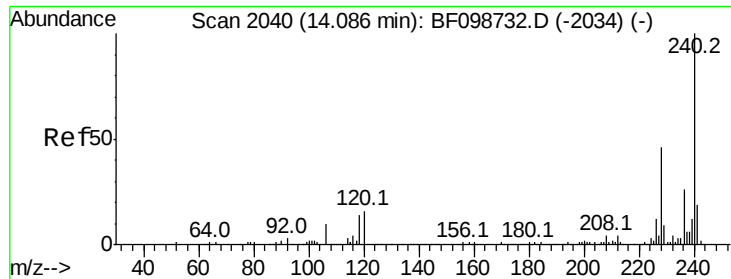


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF099110.D

Acq: 5 Oct 2017 18:25

Instrument :

BNA_F

ClientSampleId :

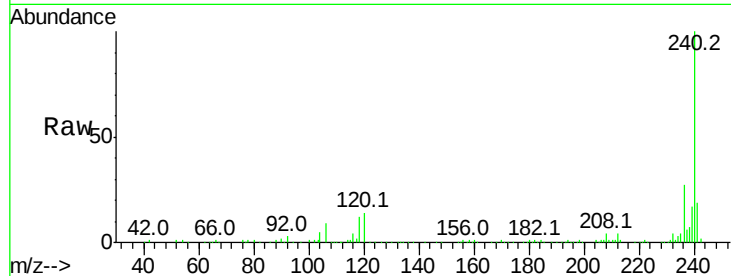
Tot Ion:240 Resp: 323055

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

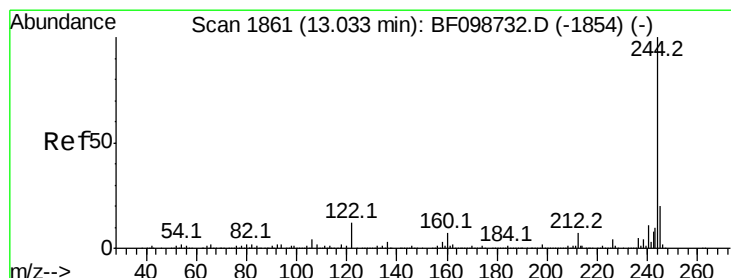
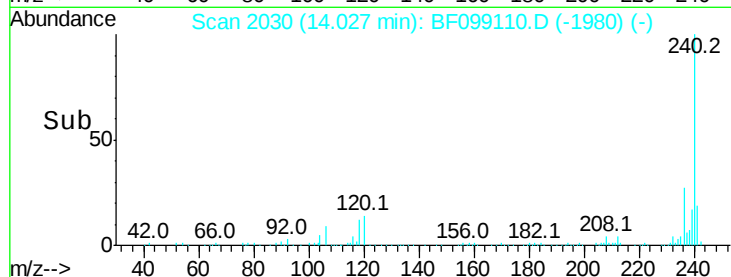
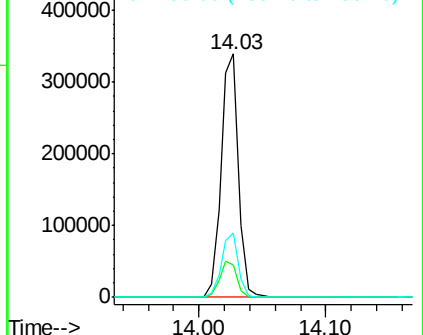
236 26.6 20.7 31.1



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: 74.035 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF099110.D

Acq: 5 Oct 2017 18:25

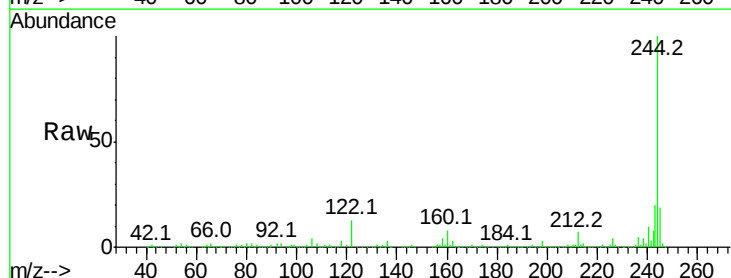
Tgt Ion:244 Resp: 1051682

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

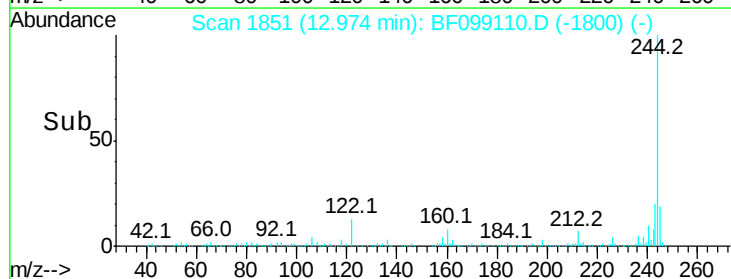
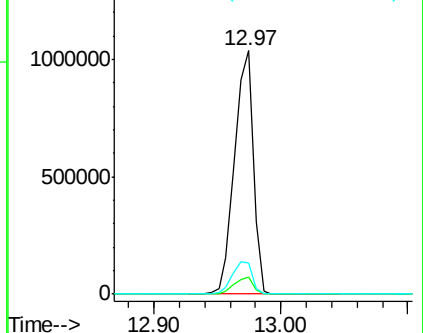
122 13.0 11.0 16.4

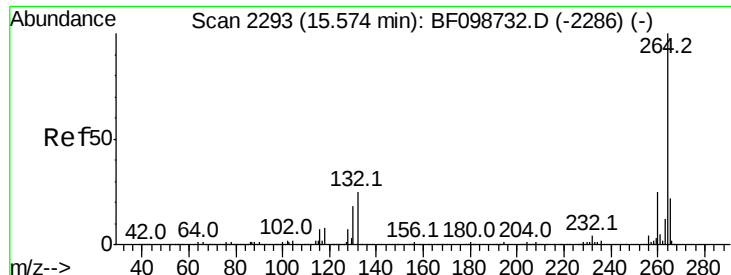


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

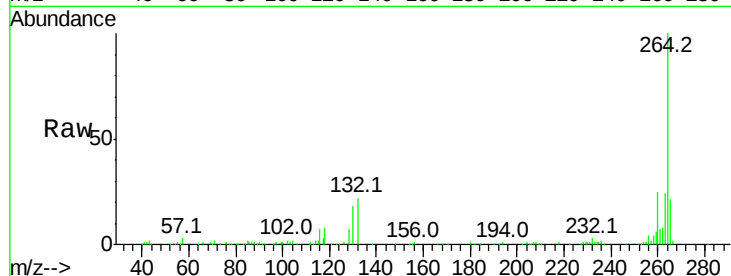




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF099110.D
 Acq: 5 Oct 2017 18:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.1	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

