

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 :
 PB102898BL

Quant Time: Oct 05 20:02:10 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

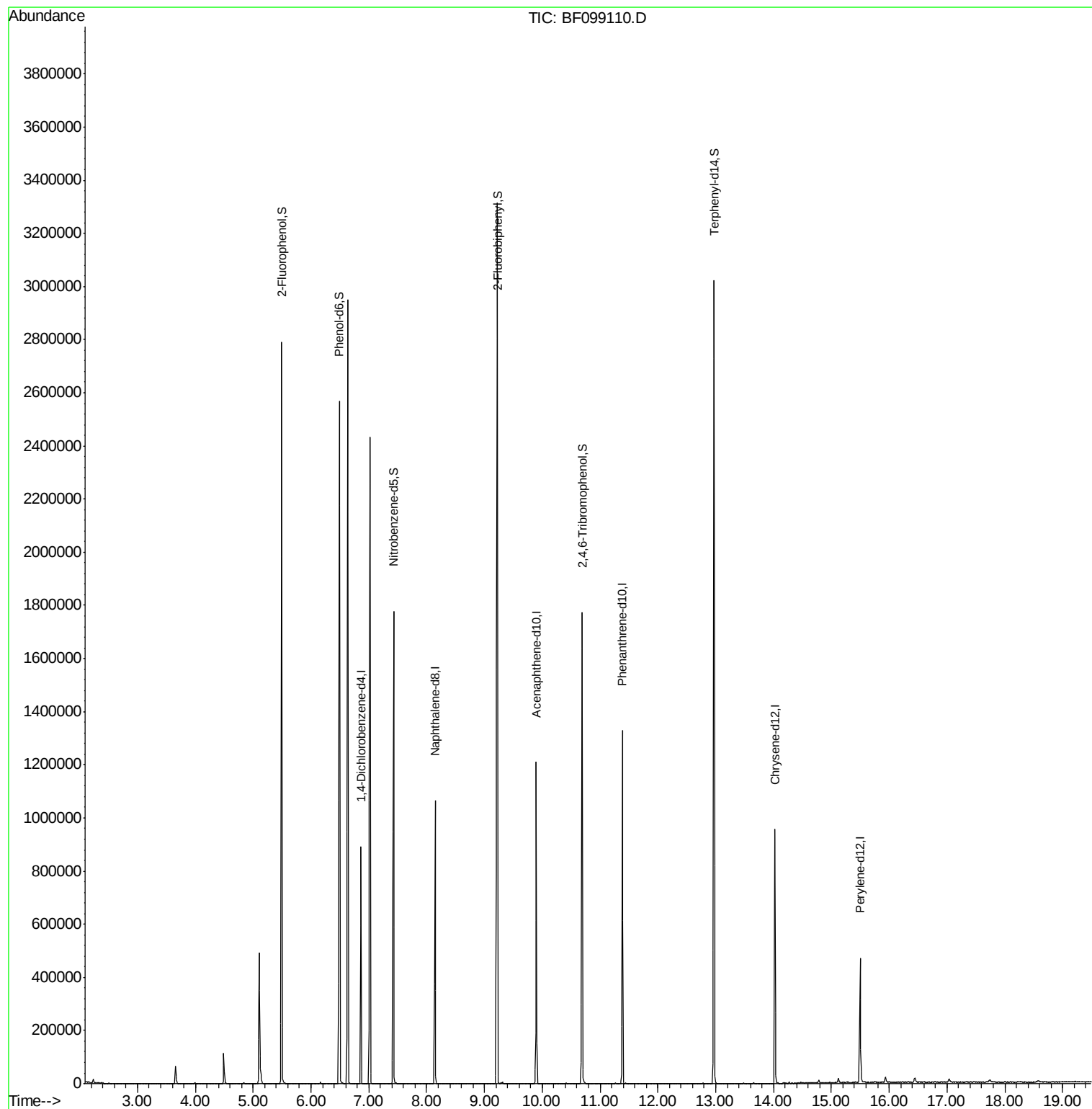
Target Compounds Qvalue

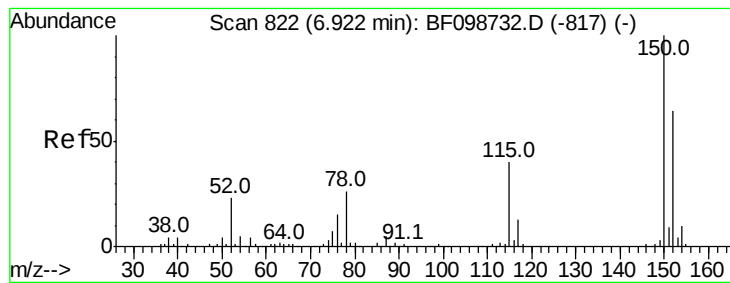
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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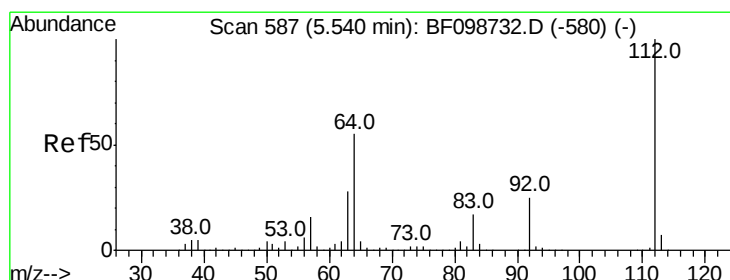
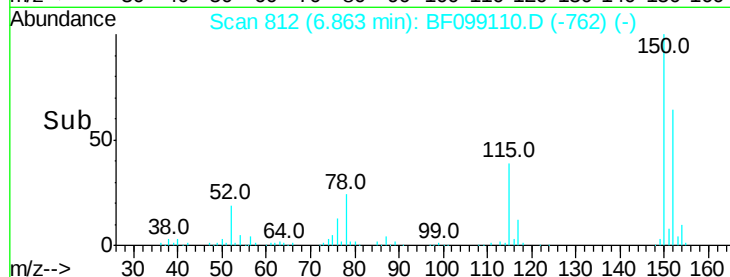
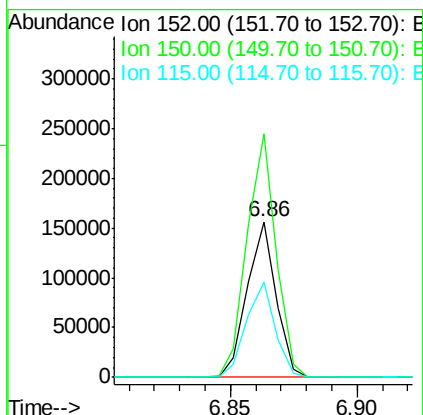
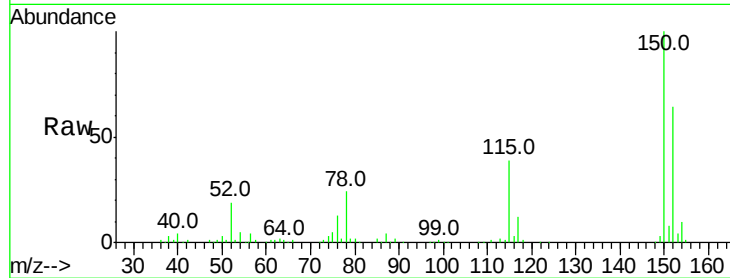


#1

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

Instrument :
 BNA_F
 ClientSampleId :
 PB102898BL

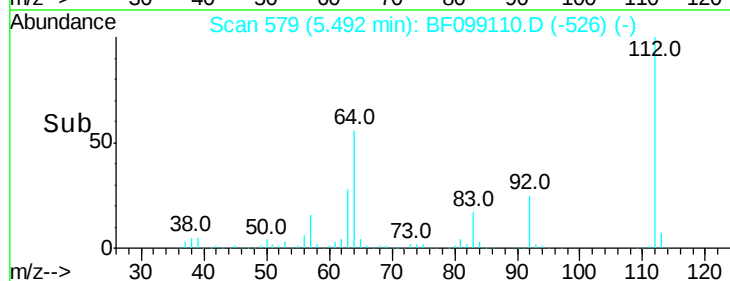
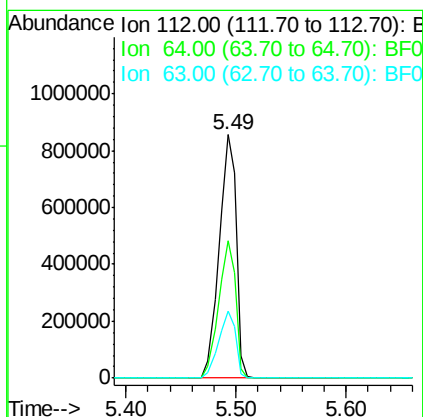
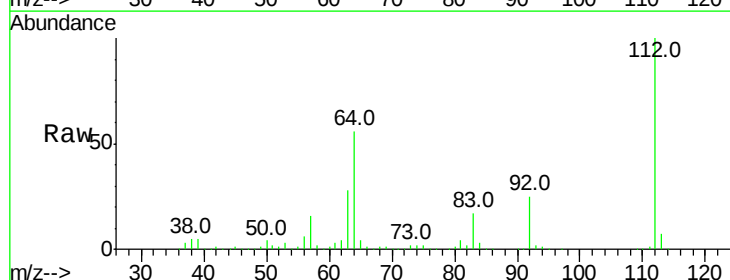
Tot Ion:152 Resp: 124219
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.6 186.8
 115 61.1 50.1 75.1



#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 :

PB102898BL

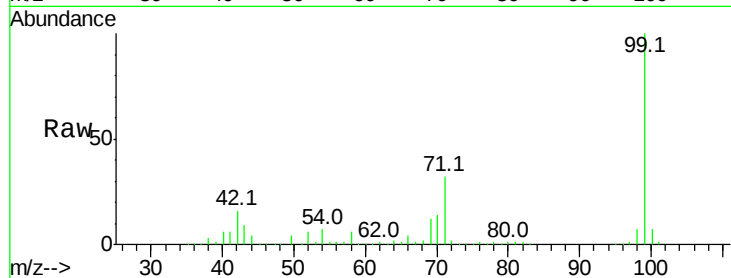
Tot Ion: 99 Resp: 1104322

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

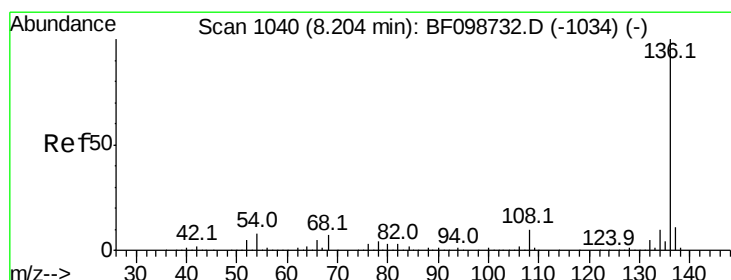
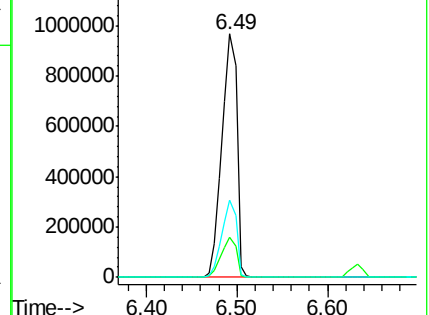
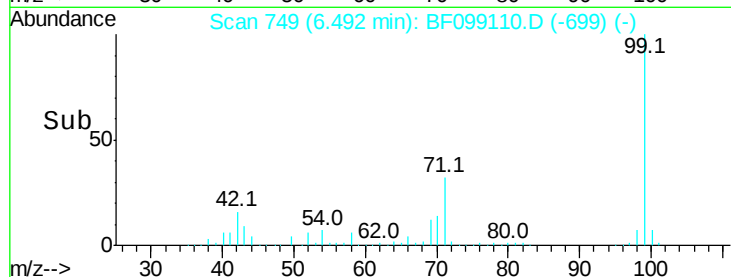
71 31.6 25.4 38.0



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



#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

Tgt Ion: 136 Resp: 509418

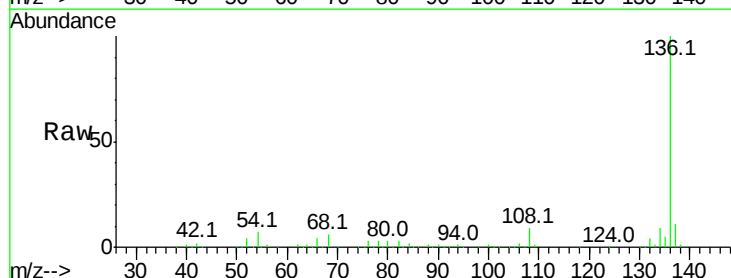
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.1 6.6 9.8

68 5.7 5.0 7.4

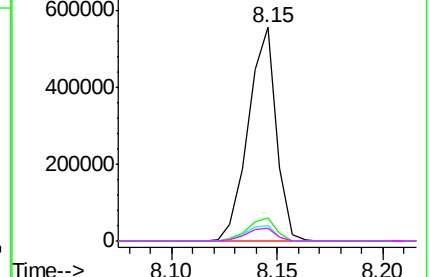
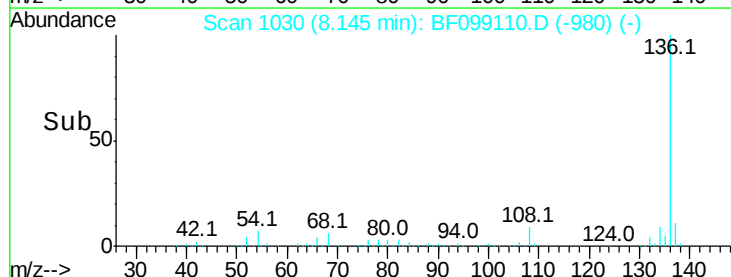


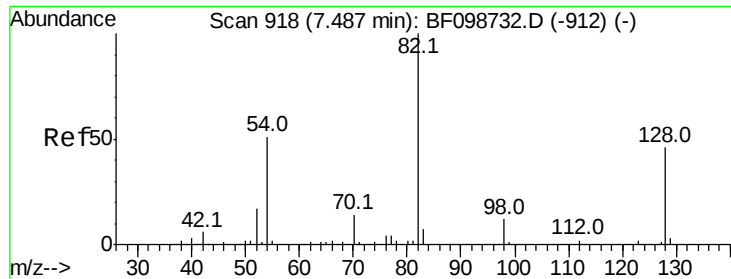
Abundance Ion 136.00 (135.70 to 136.70): E

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

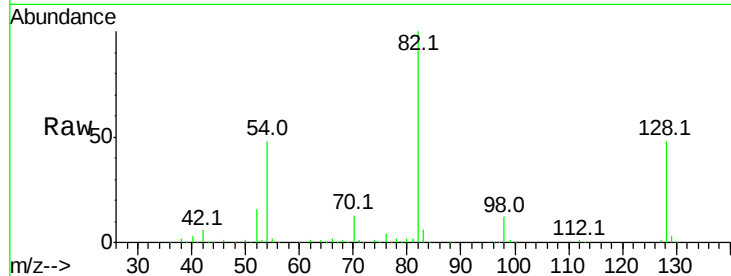




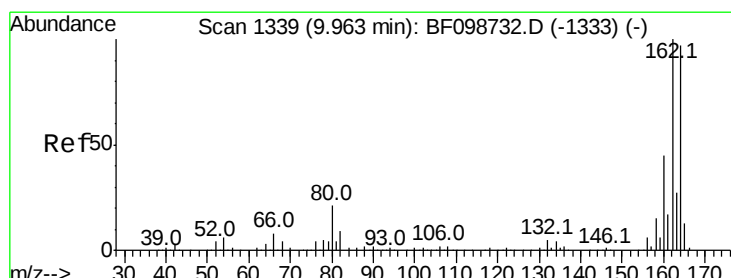
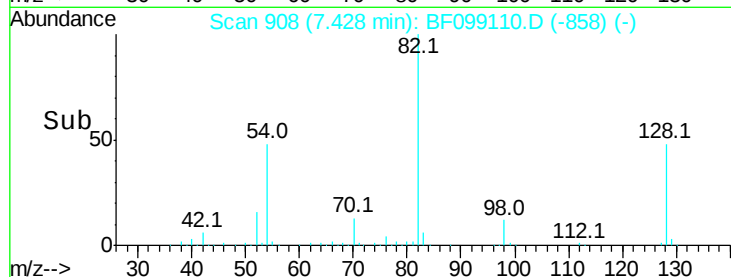
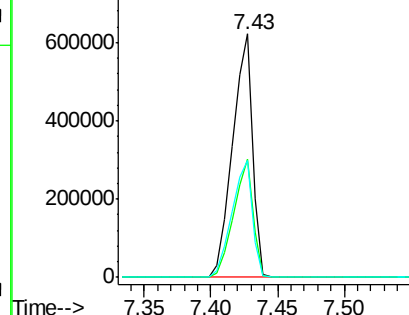
#23
 Nitrobenzene-d5
 Concen: 83.077 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099110.D
 Acq: 5 Oct 2017 18:25

Instrument :
 BNA_F
 ClientSampleId :
 PB102898BL

Tot Ion: 82 Resp: 659926
 Ion Ratio Lower Upper
 82 100
 128 48.5 36.1 54.1
 54 47.8 41.4 62.2

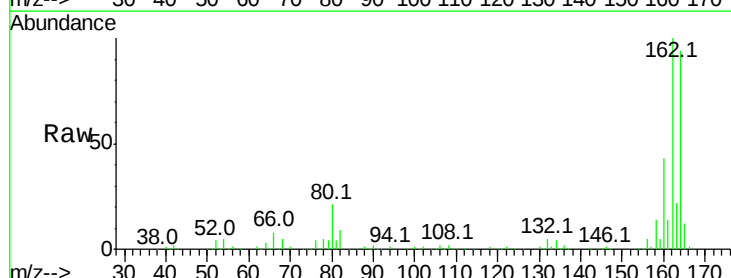


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

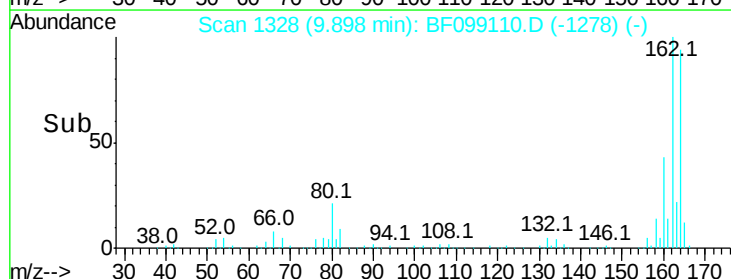
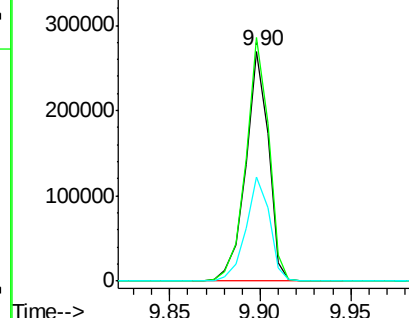


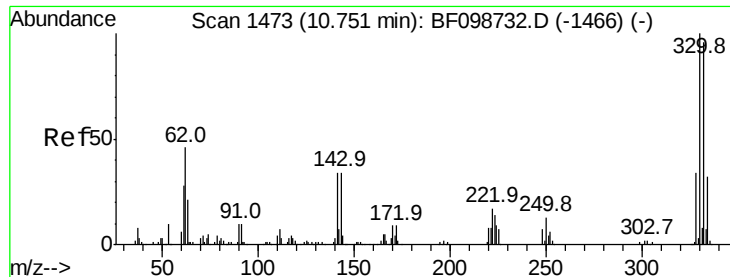
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099110.D
 Acq: 5 Oct 2017 18:25

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

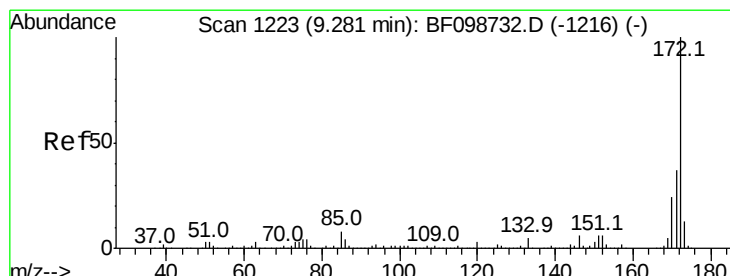
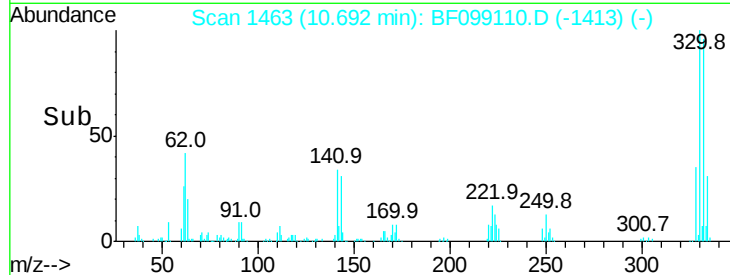
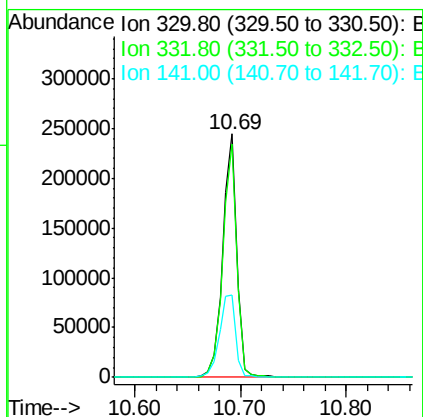
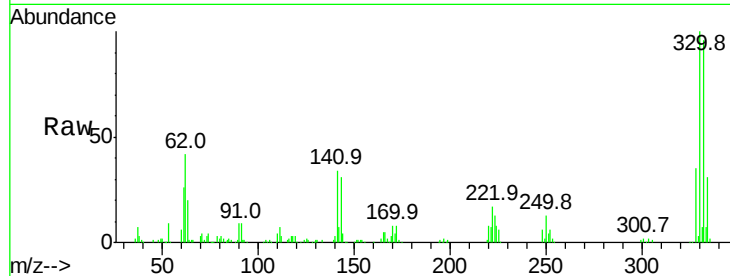




#41
 2,4,6-Tribromophenol
 Concen: 120.232 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099110.D
 Acq: 5 Oct 2017 18:25

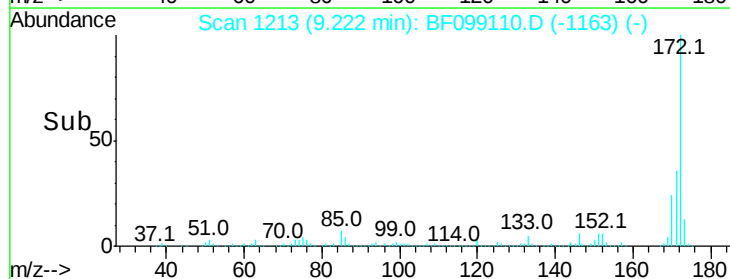
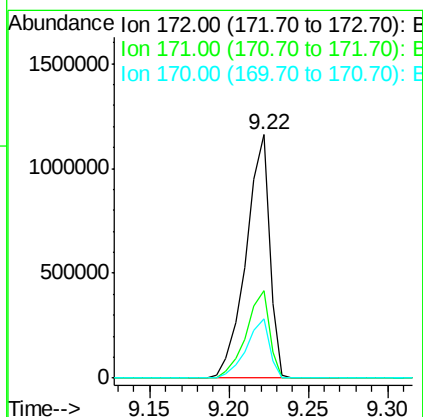
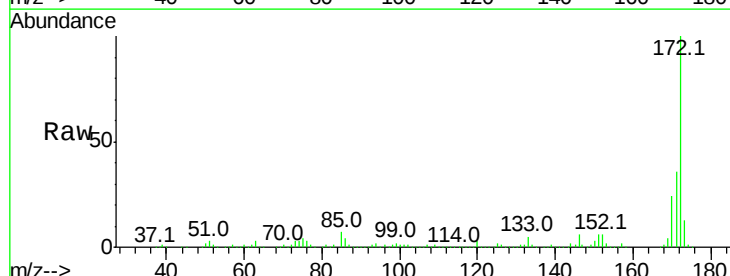
Instrument :
 BNA_F
 ClientSampleId :
 PB102898BL

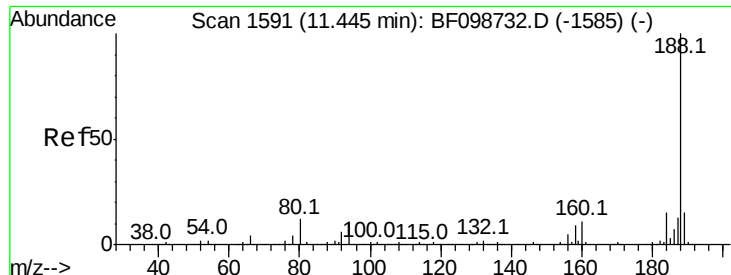
Tot Ion:330 Resp: 229383
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 39.7 29.9 44.9



#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

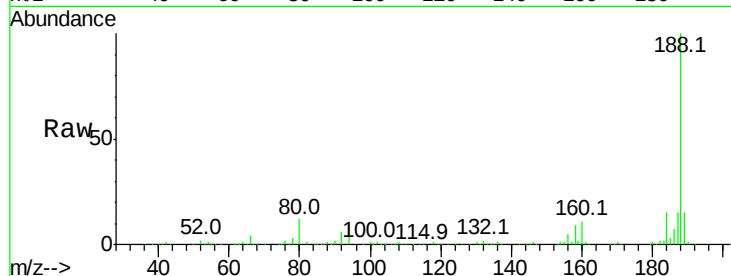




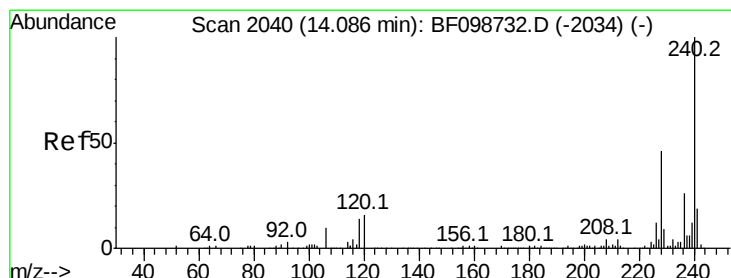
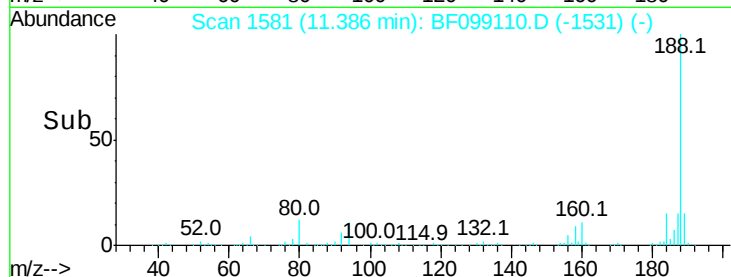
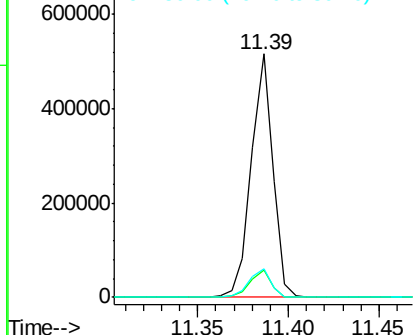
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099110.D
 Acq: 5 Oct 2017 18:25

Instrument :
 BNA_F
 ClientSampleId :
 PB102898BL

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

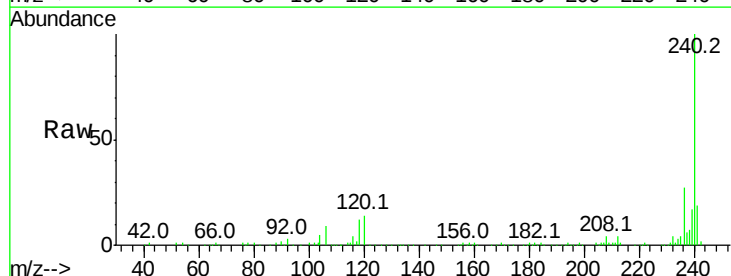


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

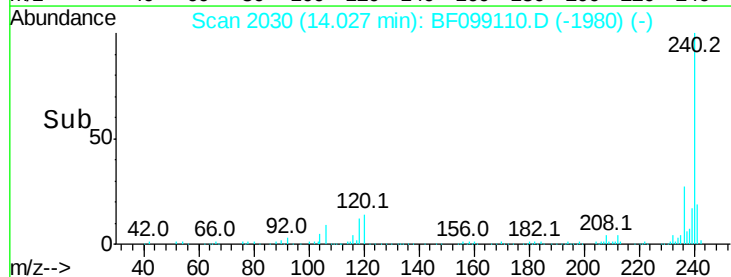
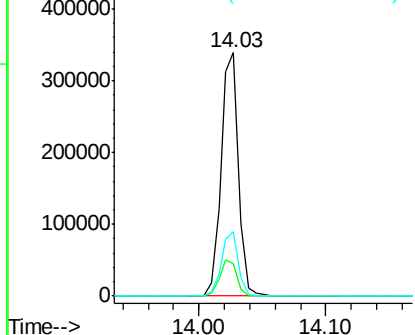


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF099110.D
 Acq: 5 Oct 2017 18:25

Tgt 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

Instrument :

BNA_F

ClientSampleId :

PB102898BL

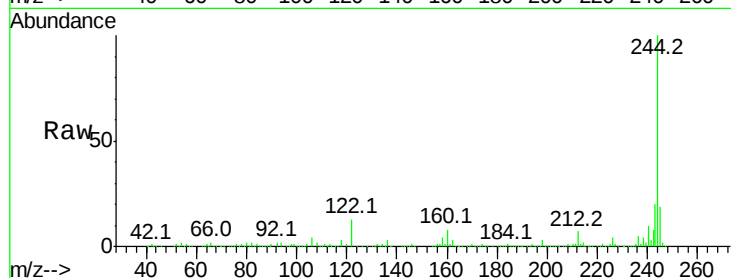
Tot Ion:244 Resp: 1051682

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

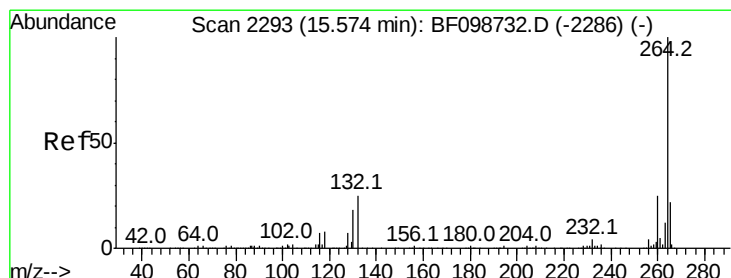
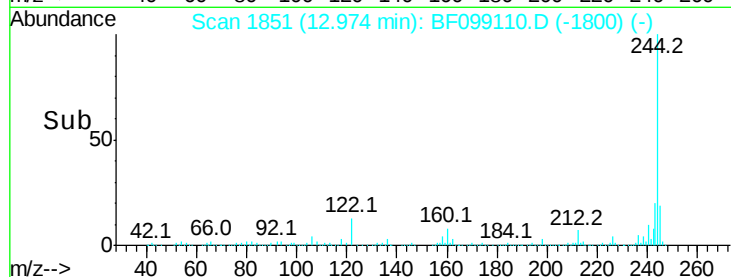
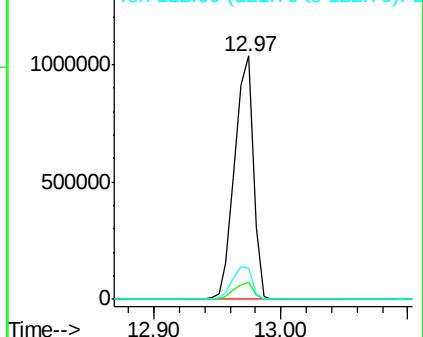
122 13.0 11.0 16.4



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

Perylene-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

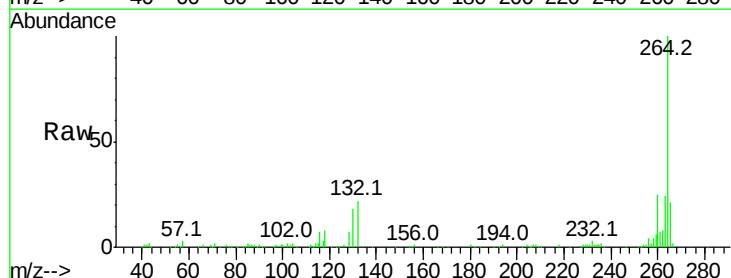
Tgt Ion:264 Resp: 182903

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

