

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101317\
 Data File : BF099465.D
 Acq On : 14 Oct 2017 3:41
 Operator : SJ/JU
 Sample : PB103194BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103194BL

Quant Time: Oct 14 04:25:50 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	99690	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	393392	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	155280	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	216972	20.00	ng	0.00
75) Chrysene-d12	14.02	240	172045	20.00	ng	0.00
86) Perylene-d12	15.49	264	189497	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	693783	110.79	ng	0.02
7) Phenol-d6	6.49	99	809628	104.80	ng	0.00
23) Nitrobenzene-d5	7.42	82	478593	78.02	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	122725	96.59	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	862744	92.75	ng	0.00
78) Terphenyl-d14	12.96	244	519242	68.64	ng	0.00

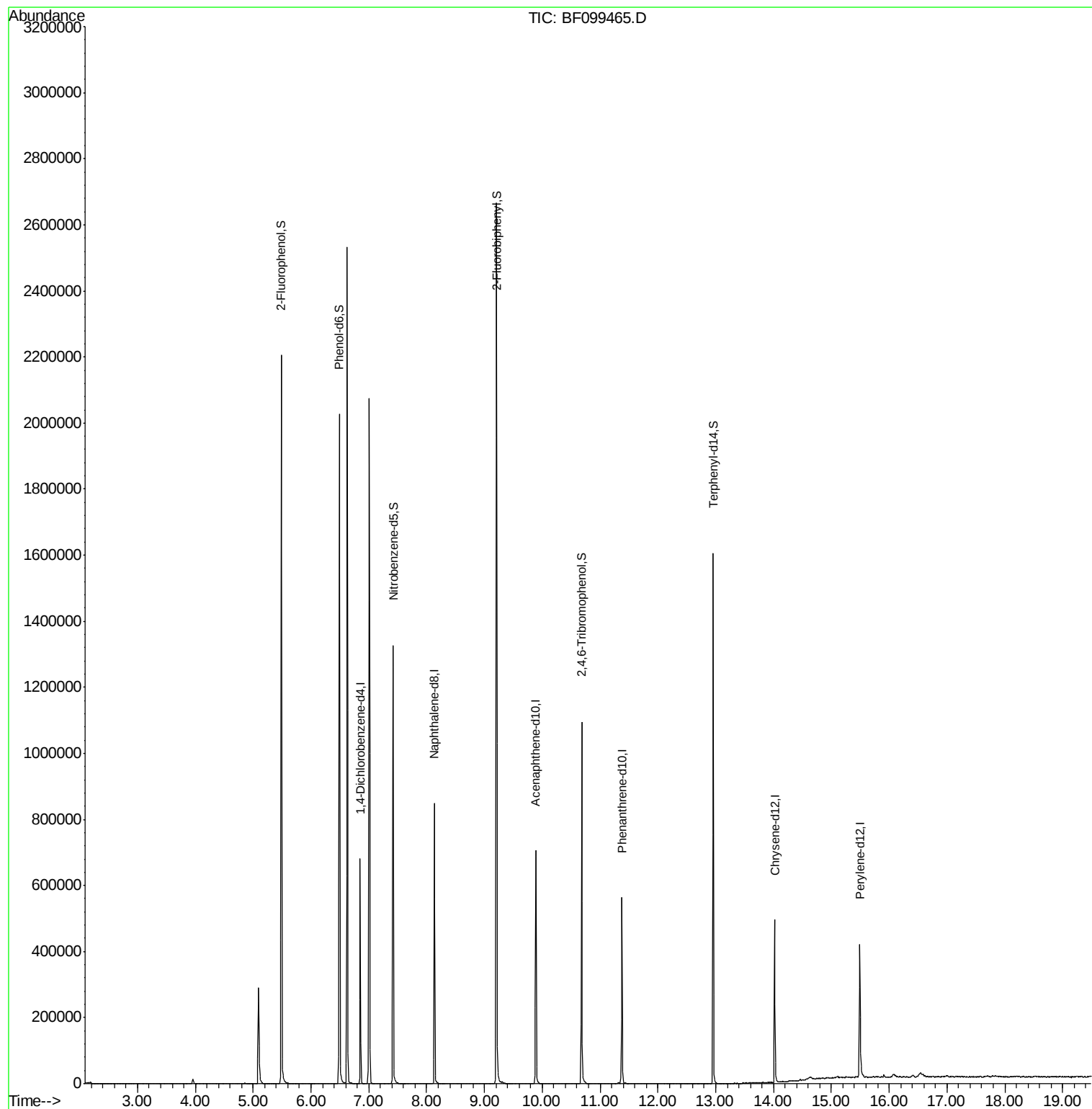
Target Compounds	Qvalue
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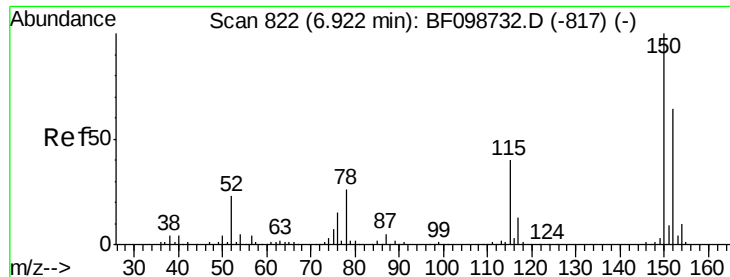
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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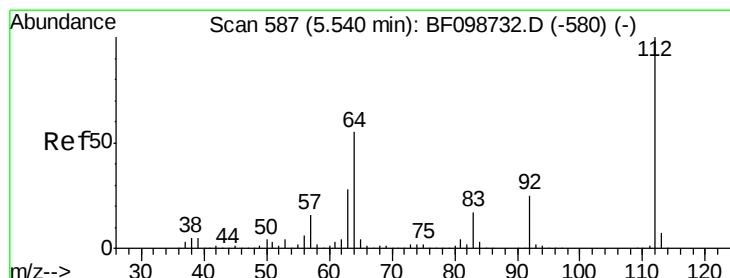
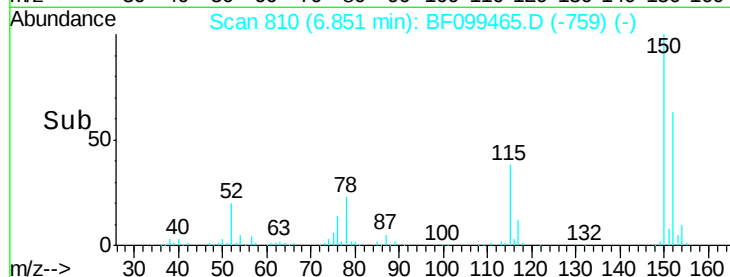
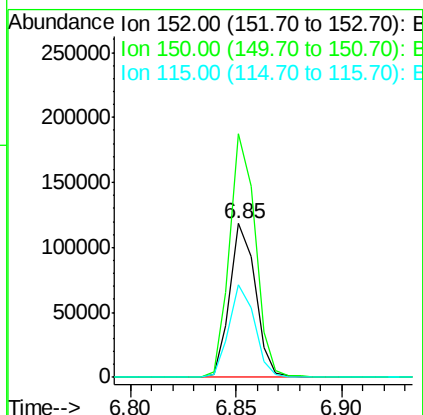
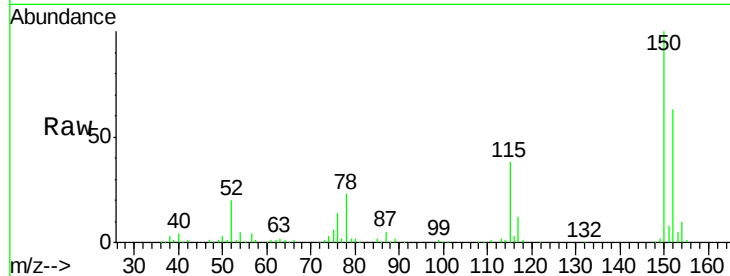




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF099465.D
 Acq: 14 Oct 2017 3:41

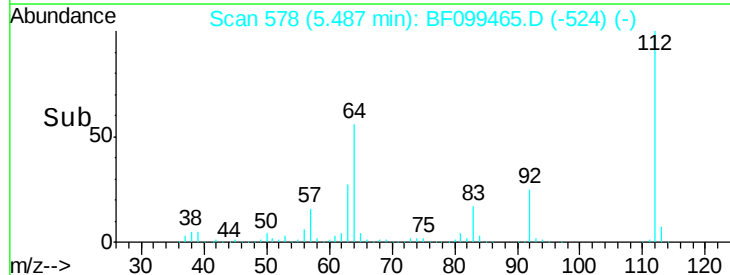
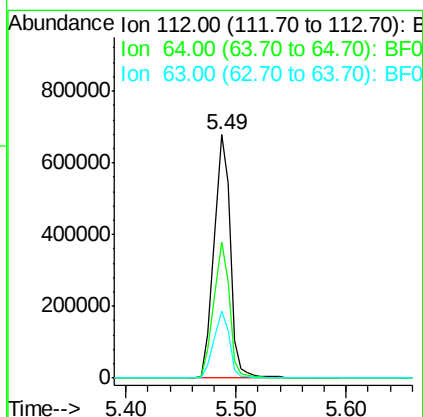
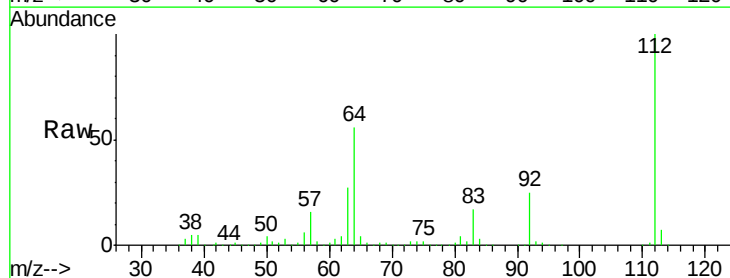
Instrument :
 BNA_F
 ClientSampleId :
 PB103194BL

Tgt Ion:152 Resp: 99690
 Ion Ratio Lower Upper
 152 100
 150 158.5 124.6 186.8
 115 60.3 50.1 75.1



#5
 2-Fluorophenol
 Concen: 110.79 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.02 min
 Lab File: BF099465.D
 Acq: 14 Oct 2017 3:41

Tgt Ion:112 Resp: 693783
 Ion Ratio Lower Upper
 112 100
 64 56.1 47.9 71.9
 63 27.3 23.7 35.5





#7

Phenol-d6

Concen: 104.80 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099465.D

Acq: 14 Oct 2017 3:41

Instrument :

BNA_F

ClientSampleId :

PB103194BL

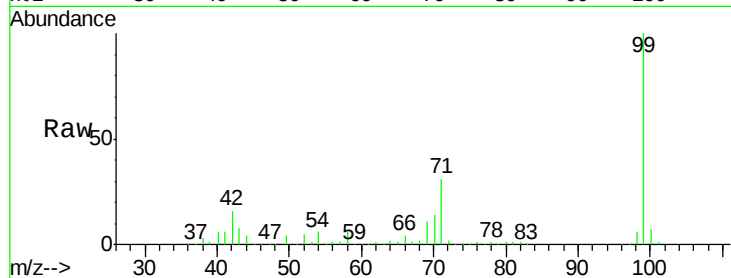
Tgt Ion: 99 Resp: 809628

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

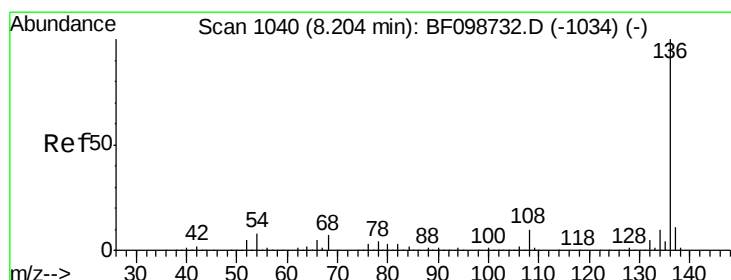
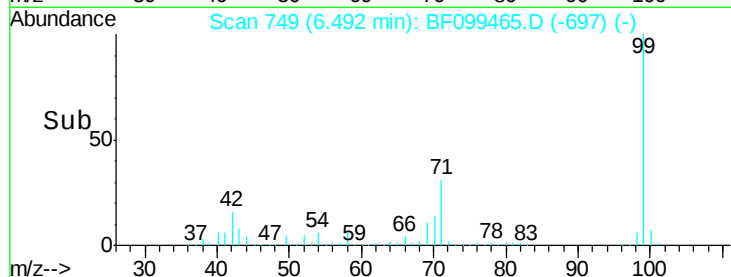
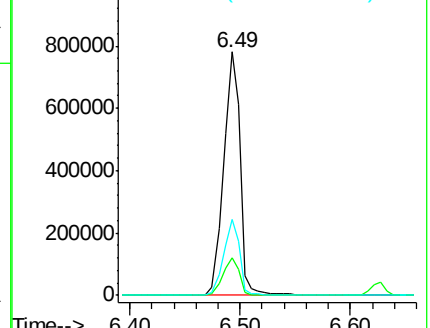
71 31.1 25.4 38.0



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: 20.00 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF099465.D

Acq: 14 Oct 2017 3:41

Tgt Ion: 136 Resp: 393392

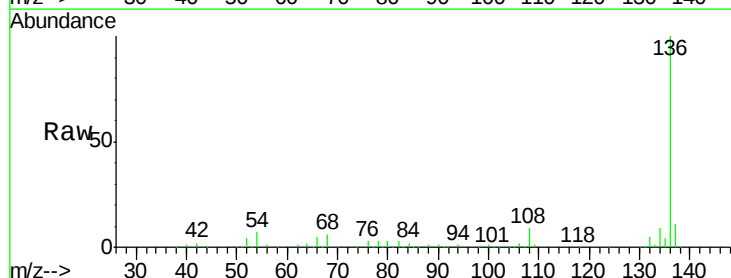
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.2 6.6 9.8

68 5.9 5.0 7.4

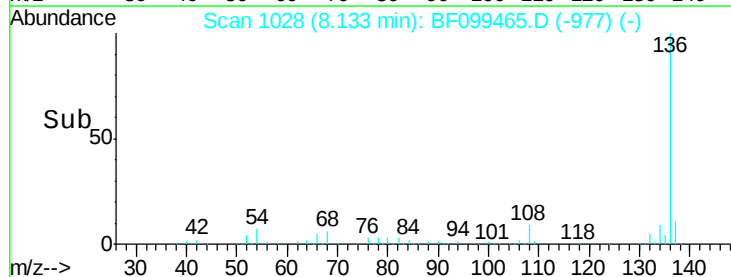
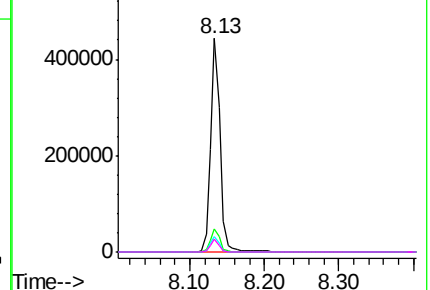


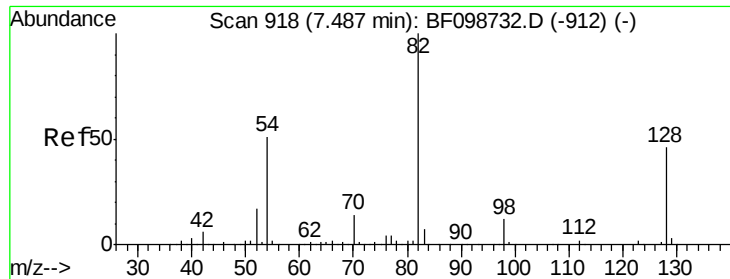
Abundance Ion 136.00 (135.70 to 136.70): E

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

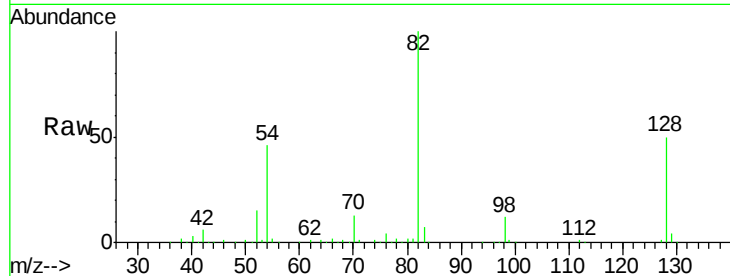




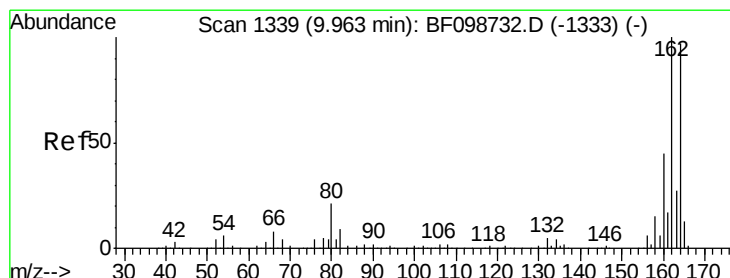
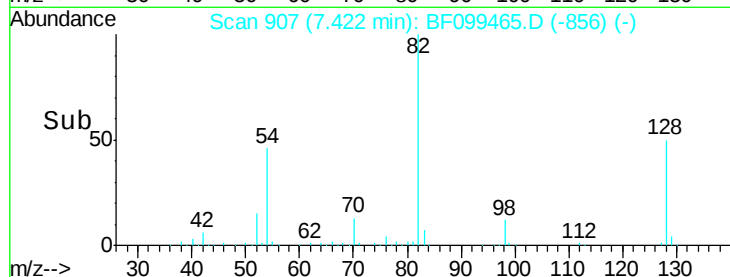
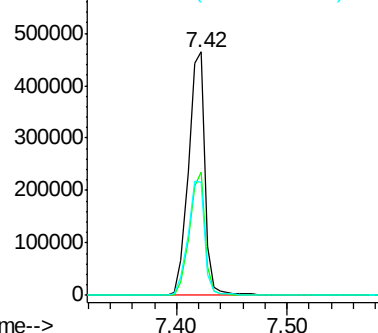
#23
 Nitrobenzene-d5
 Concen: 78.02 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF099465.D
 Acq: 14 Oct 2017 3:41

Instrument :
 BNA_F
 ClientSampleId :
 PB103194BL

Tgt Ion: 82 Resp: 478593
 Ion Ratio Lower Upper
 82 100
 128 50.4 36.1 54.1
 54 46.2 41.4 62.2

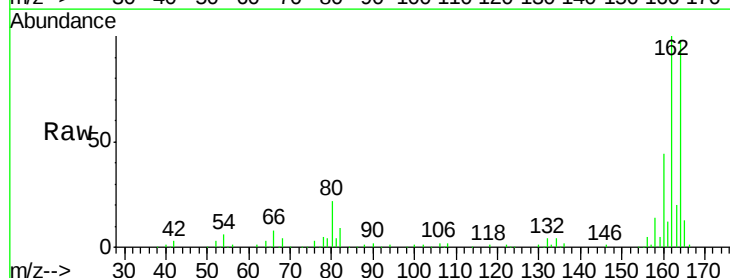


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

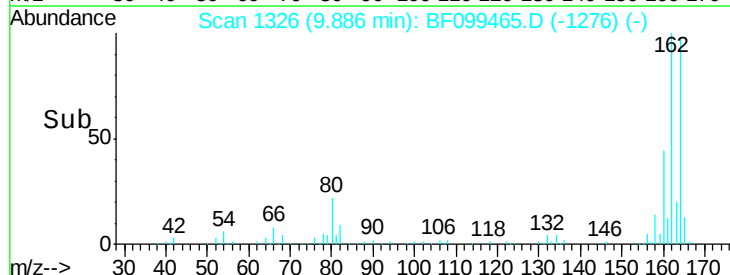
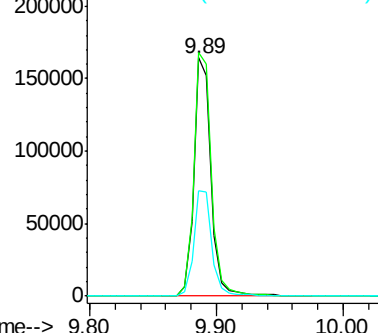


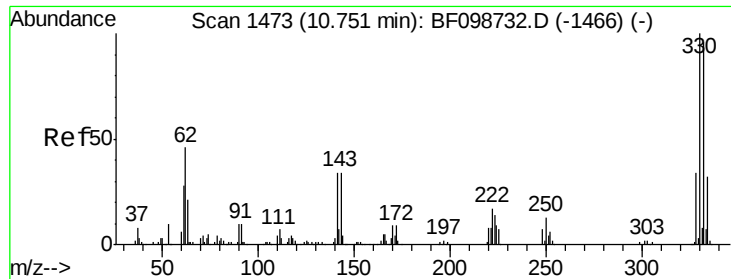
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099465.D
 Acq: 14 Oct 2017 3:41

Tgt Ion: 164 Resp: 155280
 Ion Ratio Lower Upper
 164 100
 162 102.2 86.1 129.1
 160 44.5 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

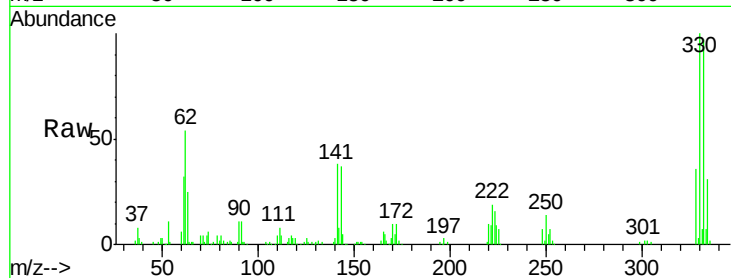




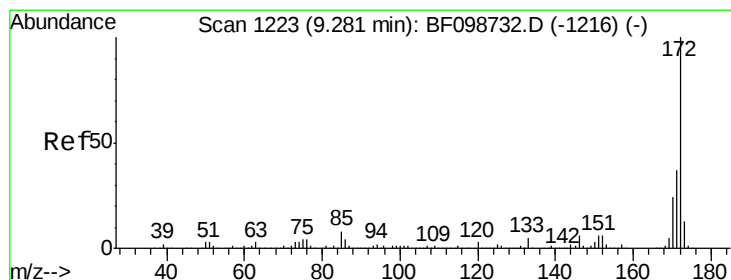
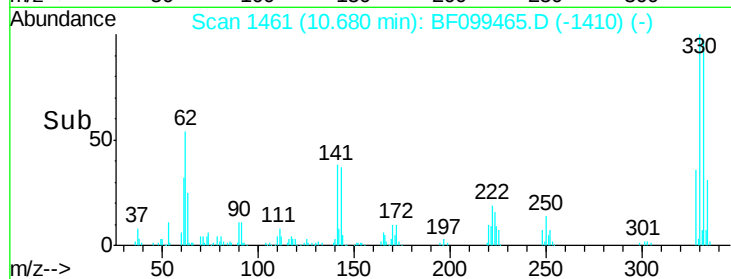
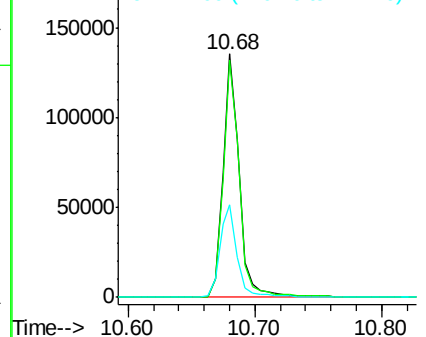
#41
 2,4,6-Tribromophenol
 Concen: 96.59 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099465.D
 Acq: 14 Oct 2017 3:41

Instrument :
 BNA_F
 ClientSampleId :
 PB103194BL

Tgt Ion: 330 Resp: 122725
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 40.3 29.9 44.9

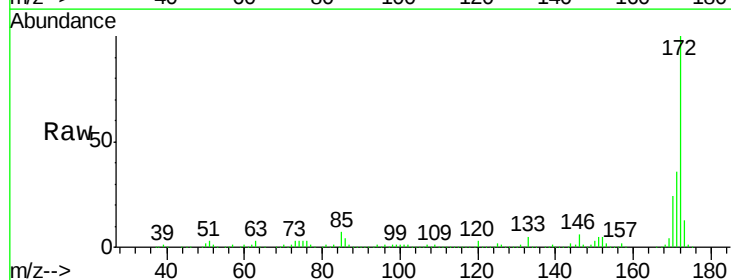


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

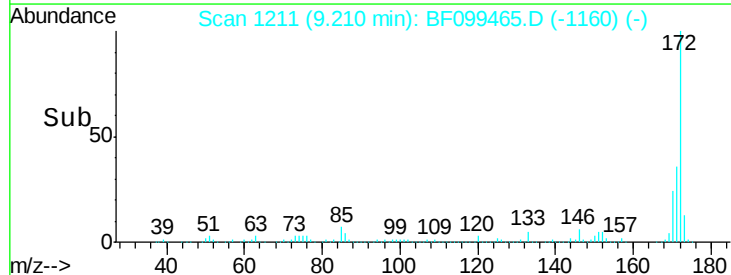
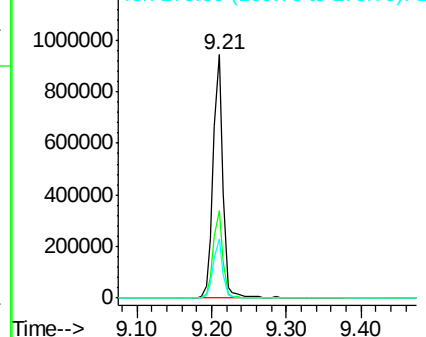


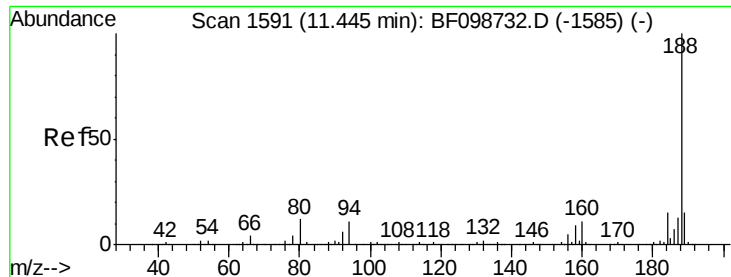
#44
 2-Fluorobiphenyl
 Concen: 92.75 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099465.D
 Acq: 14 Oct 2017 3:41

Tgt Ion: 172 Resp: 862744
 Ion Ratio Lower Upper
 172 100
 171 36.0 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

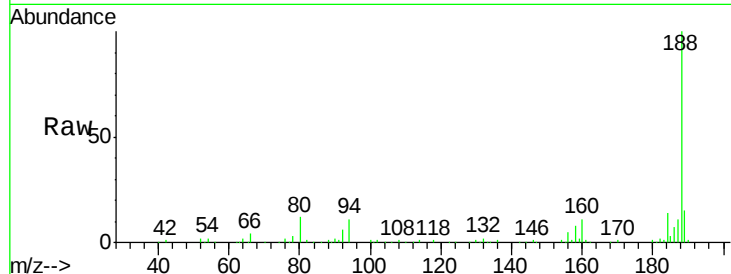




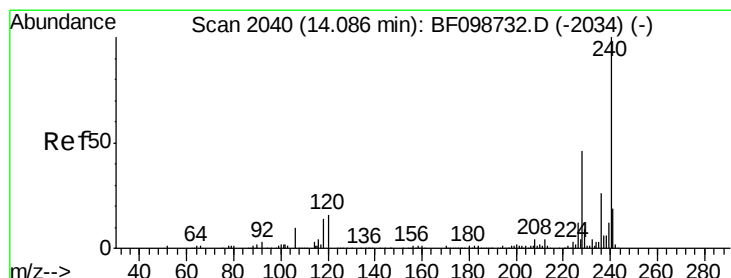
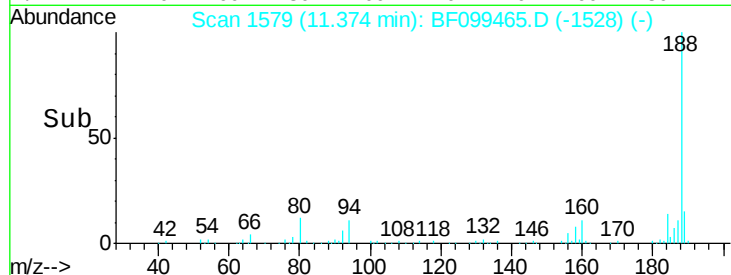
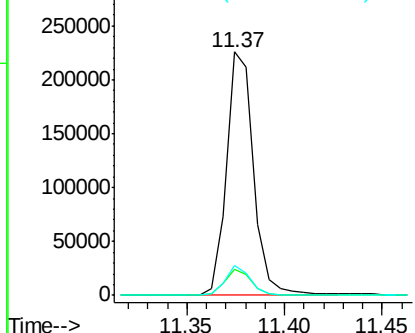
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099465.D
Acq: 14 Oct 2017 3:41

Instrument :
BNA_F
ClientSampleId :
PB103194BL

Tgt Ion:188 Resp: 216972
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 12.0 9.2 13.8

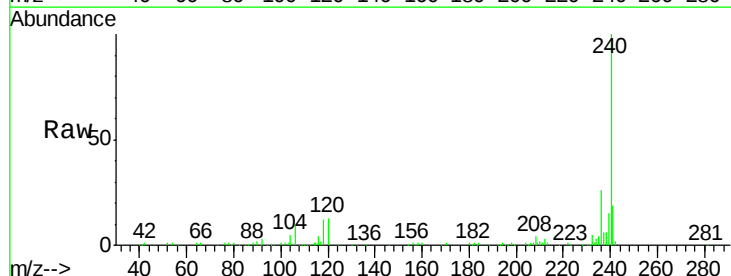


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

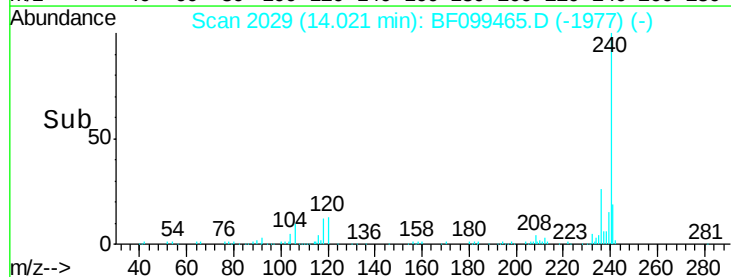
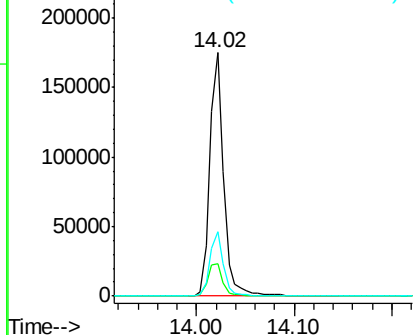


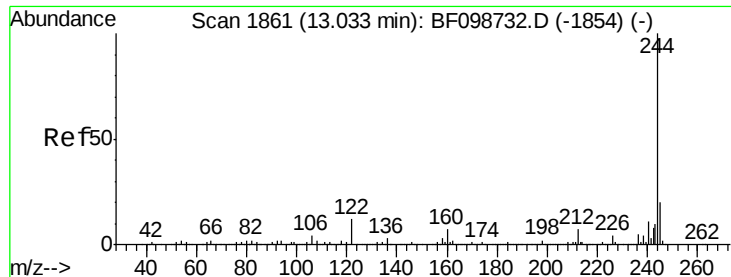
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF099465.D
Acq: 14 Oct 2017 3:41

Tgt Ion:240 Resp: 172045
Ion Ratio Lower Upper
240 100
120 13.3 9.5 14.3
236 26.2 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: 68.64 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF099465.D

Acq: 14 Oct 2017 3:41

Instrument :

BNA_F

ClientSampleId :

PB103194BL

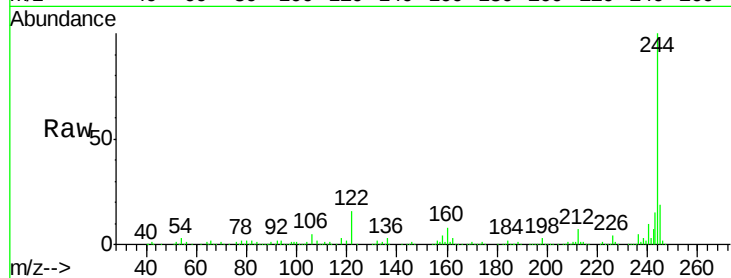
Tgt Ion:244 Resp: 519242

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

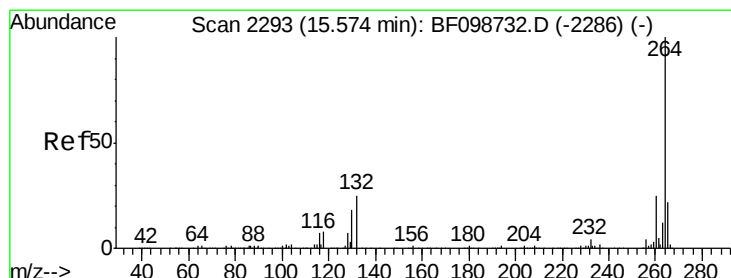
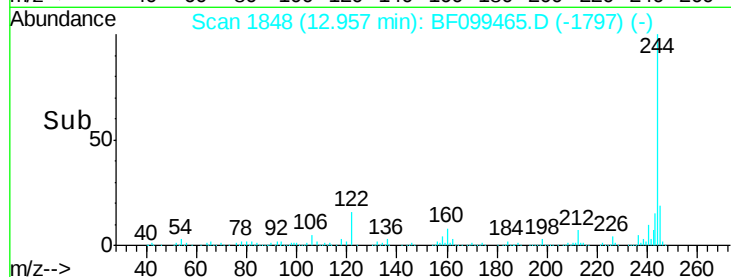
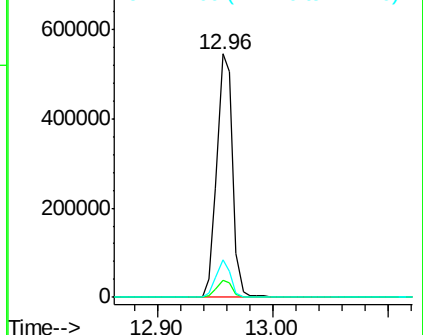
122 15.5 11.0 16.4



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: 20.00 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.01 min

Lab File: BF099465.D

Acq: 14 Oct 2017 3:41

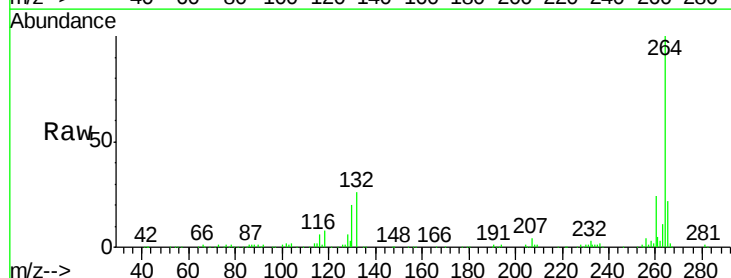
Tgt Ion:264 Resp: 189497

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.1 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

