

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100042.D
 Acq On : 1 Nov 2017 11:34
 Operator : SJ/JU
 Sample : I6226-08
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Nov 01 14:15:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	74813	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	312844	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	144659	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	266921	20.00	ng	0.00
75) Chrysene-d12	13.98	240	167427	20.00	ng	0.00
86) Perylene-d12	15.48	264	126884	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	732430	153.70	ng	0.02
7) Phenol-d6	6.43	99	820678	145.25	ng	0.00
23) Nitrobenzene-d5	7.36	82	538780	110.88	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	219402	166.43	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1137109	121.28	ng	0.00
78) Terphenyl-d14	12.91	244	925456	120.80	ng	0.00

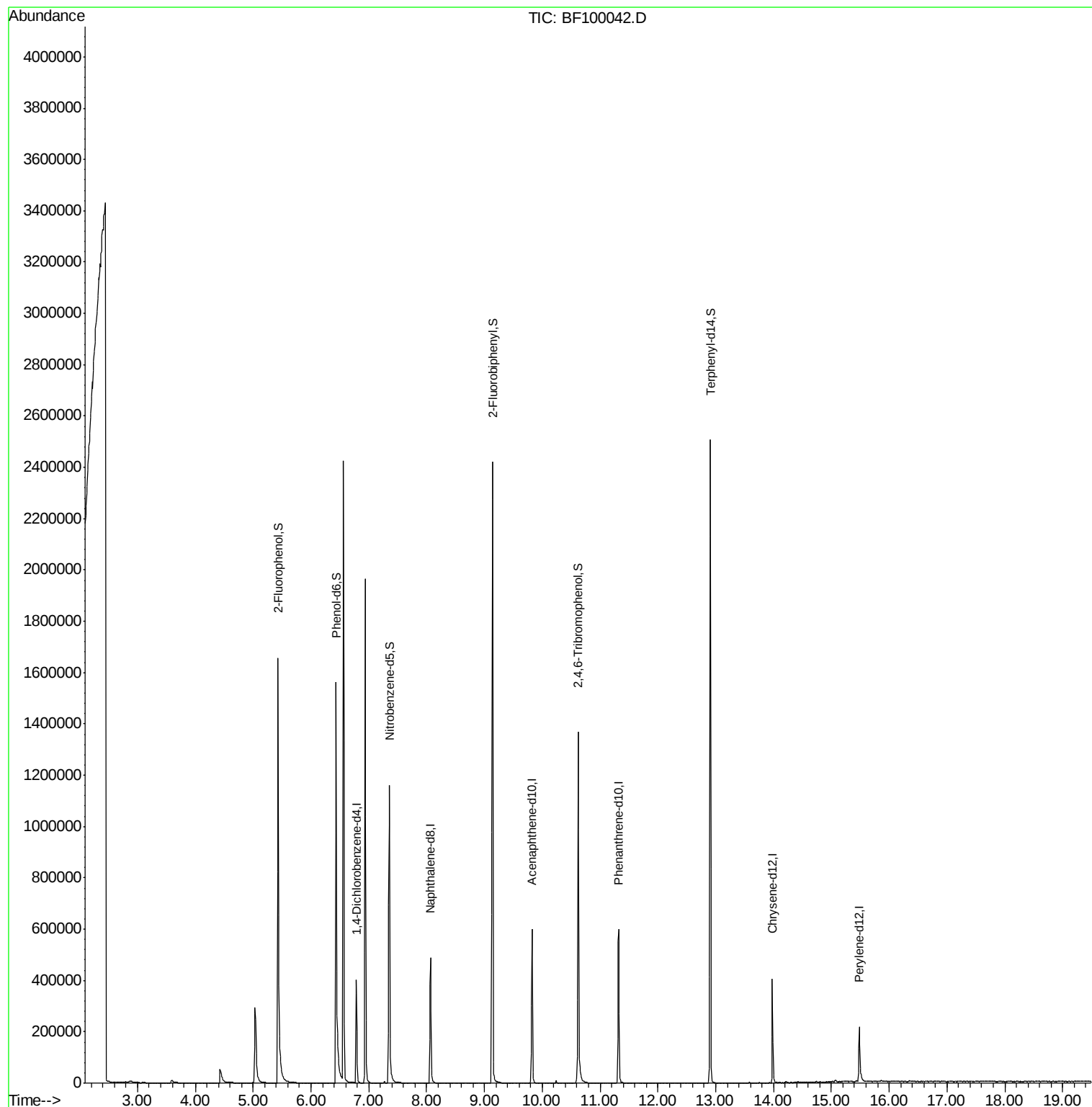
Target Compounds Qvalue

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

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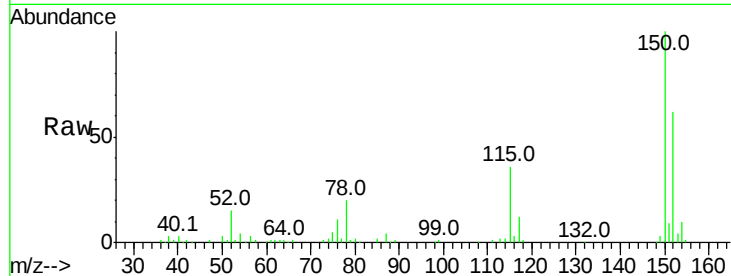


#1

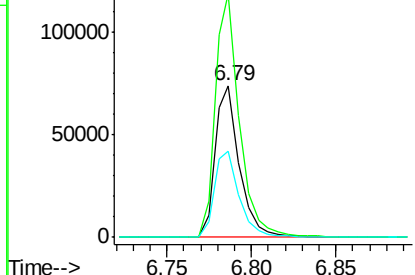
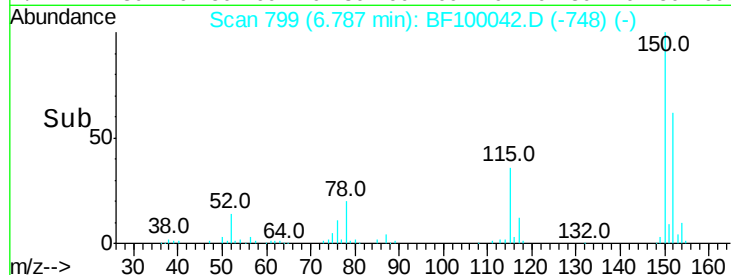
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF100042.D
Acq: 1 Nov 2017 11:34

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion:152 Resp: 74813
Ion Ratio Lower Upper
152 100
150 160.2 124.6 186.8
115 56.9 50.1 75.1



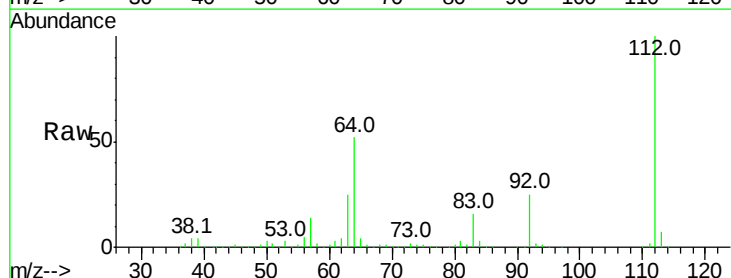
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



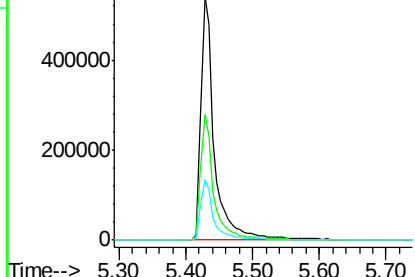
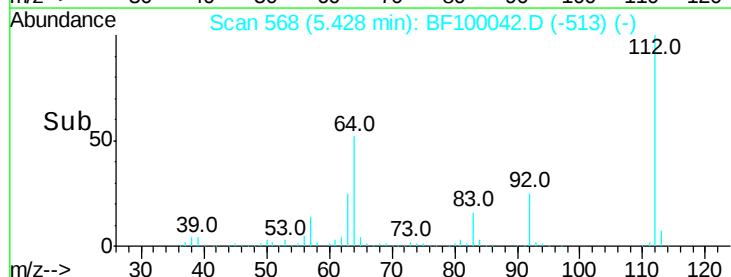
#5

2-Fluorophenol
Concen: 153.702 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF100042.D
Acq: 1 Nov 2017 11:34

Tgt Ion:112 Resp: 732430
Ion Ratio Lower Upper
112 100
64 51.7 47.9 71.9
63 24.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 145.246 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF100042.D

Acq: 1 Nov 2017 11:34

Instrument :

BNA_F

ClientSampleId :

TP-1

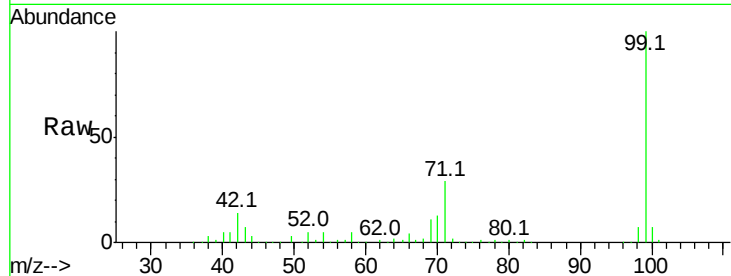
Tot Ion: 99 Resp: 820678

Ion Ratio Lower Upper

99 100

42 13.6 14.5 21.7#

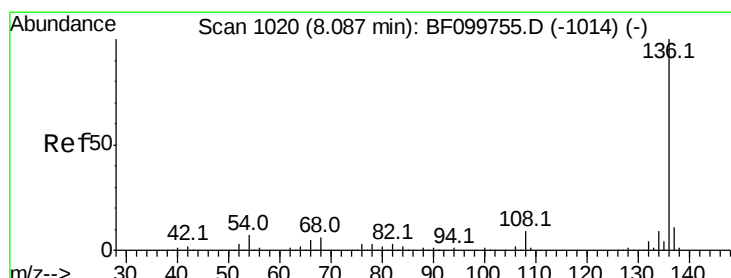
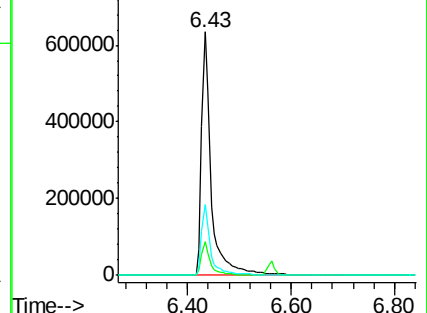
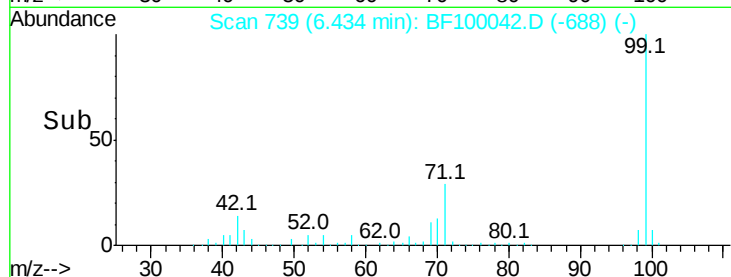
71 29.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF100042.D

Acq: 1 Nov 2017 11:34

Tgt Ion: 136 Resp: 312844

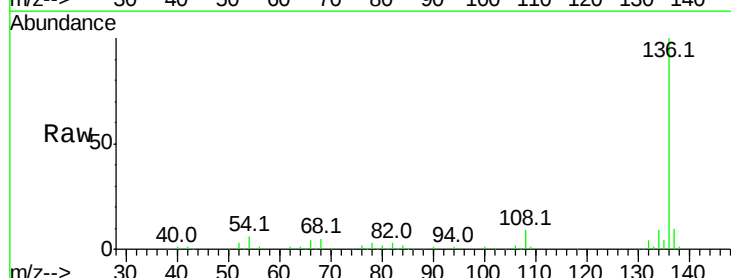
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 6.3 6.6 9.8#

68 5.2 5.0 7.4

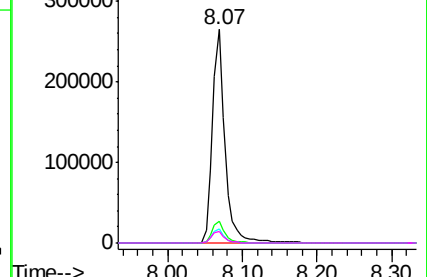
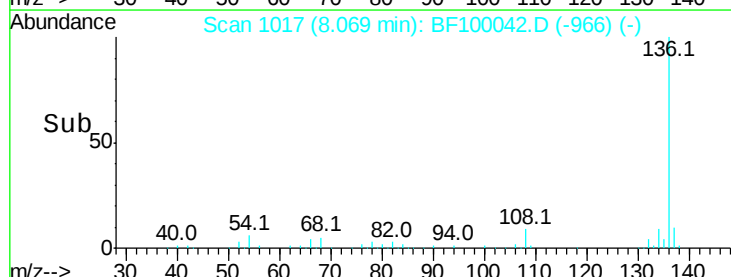


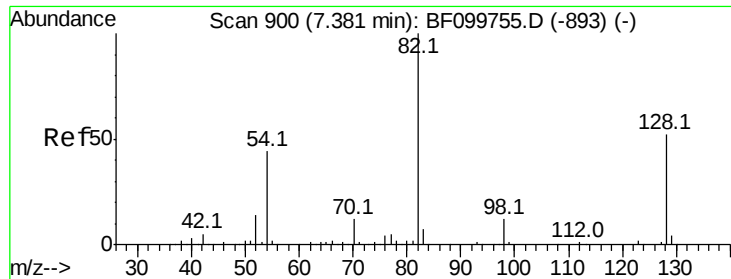
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

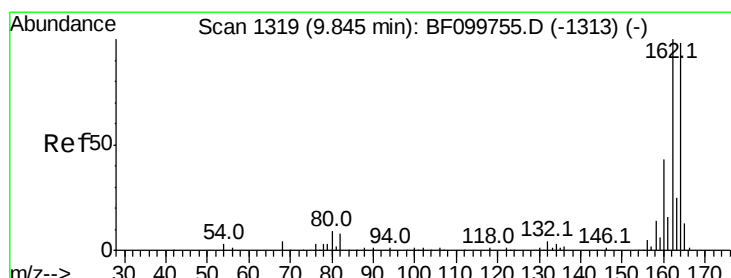
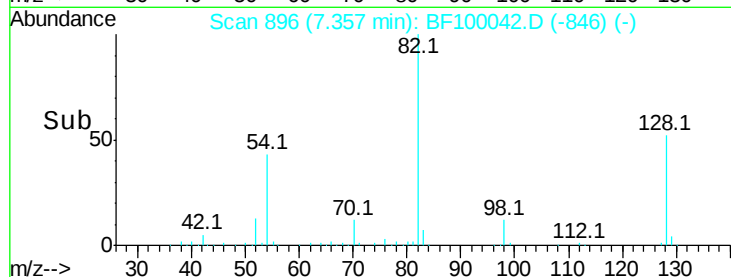
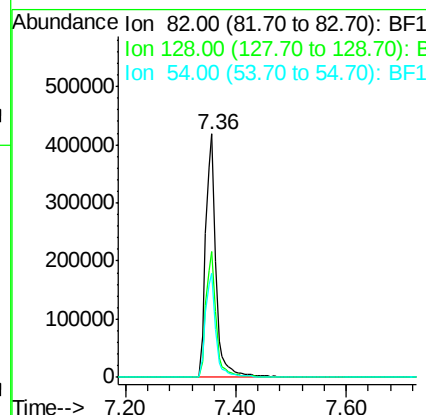
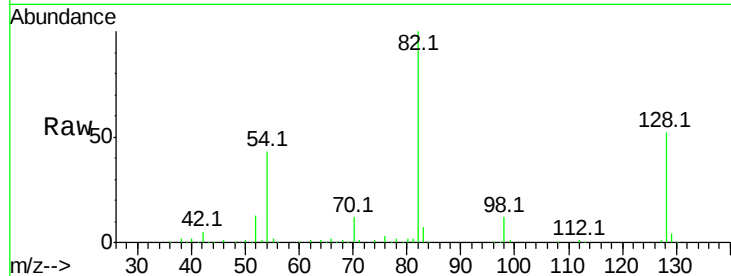




#23
 Nitrobenzene-d5
 Concen: 110.876 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF100042.D
 Acq: 1 Nov 2017 11:34

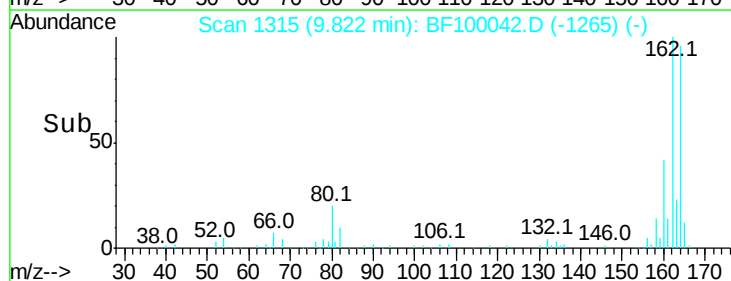
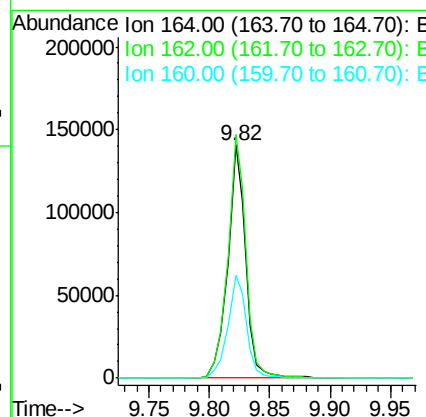
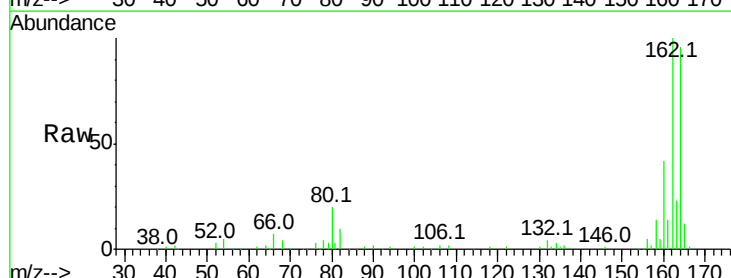
Instrument :
 BNA_F
 ClientSampled :
 TP-1

Tot Ion: 82 Resp: 538780
 Ion Ratio Lower Upper
 82 100
 128 51.6 36.1 54.1
 54 42.9 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF100042.D
 Acq: 1 Nov 2017 11:34

Tgt Ion:164 Resp: 144659
 Ion Ratio Lower Upper
 164 100
 162 104.6 86.1 129.1
 160 44.3 38.3 57.5

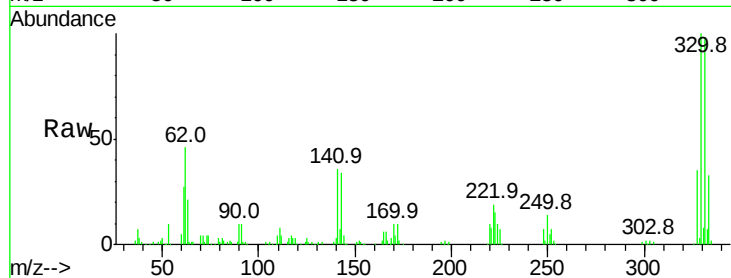




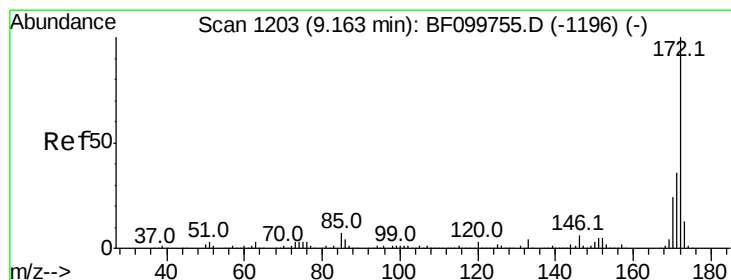
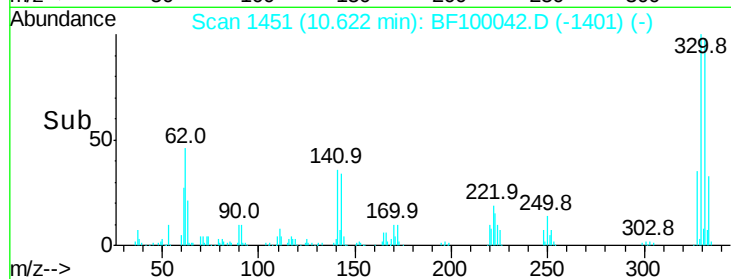
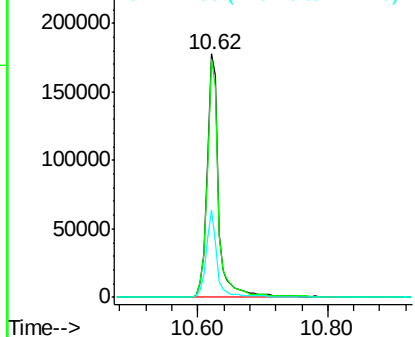
#41
 2,4,6-Tribromophenol
 Concen: 166.428 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF100042.D
 Acq: 1 Nov 2017 11:34

Instrument :
 BNA_F
 ClientSampled :
 TP-1

Tot Ion:330 Resp: 219402
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 33.8 29.9 44.9

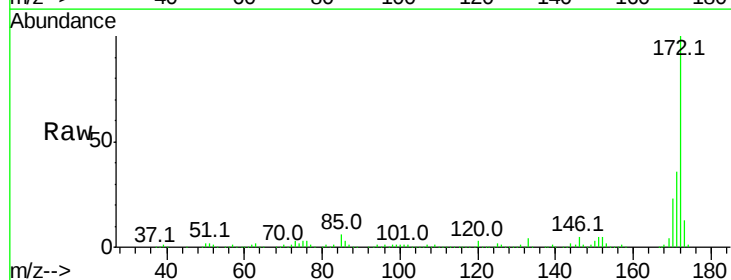


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

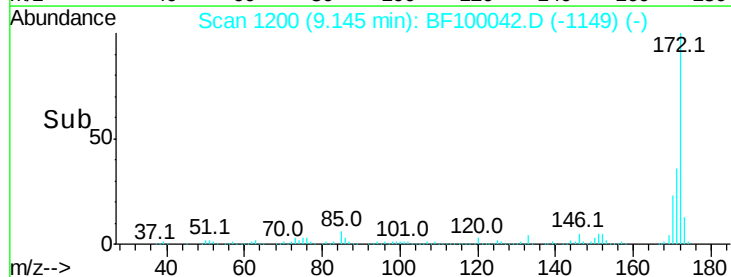
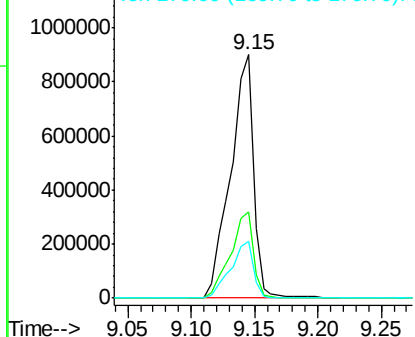


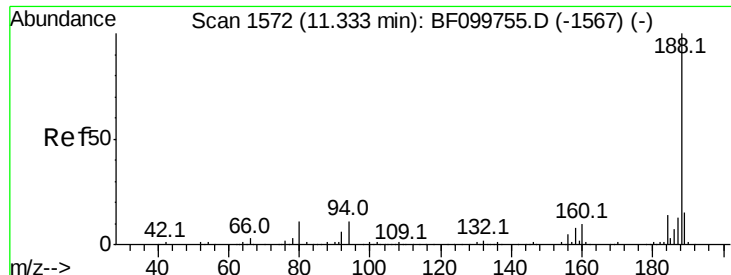
#44
 2-Fluorobiphenyl
 Concen: 121.277 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100042.D
 Acq: 1 Nov 2017 11:34

Tgt Ion:172 Resp: 1137109
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.4 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

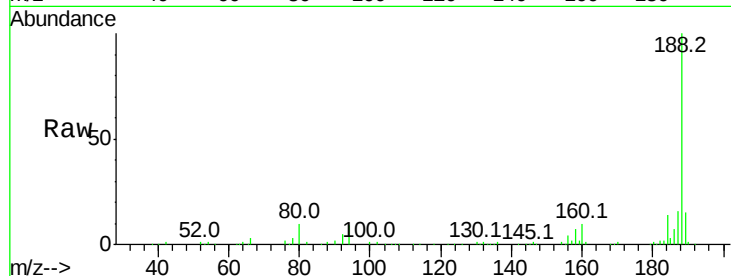




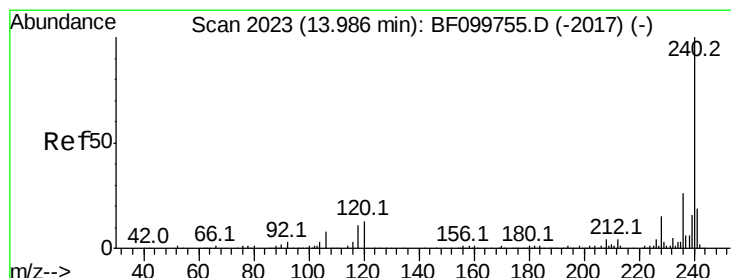
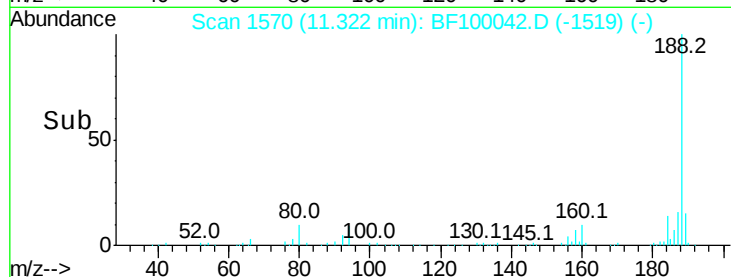
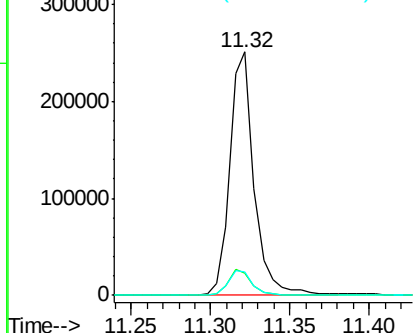
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF100042.D
Acq: 1 Nov 2017 11:34

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion:188 Resp: 266921
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 9.6 9.2 13.8

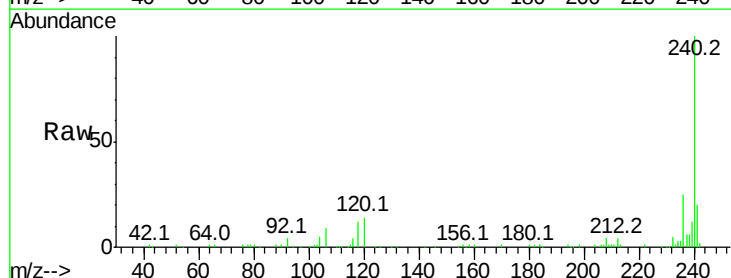


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

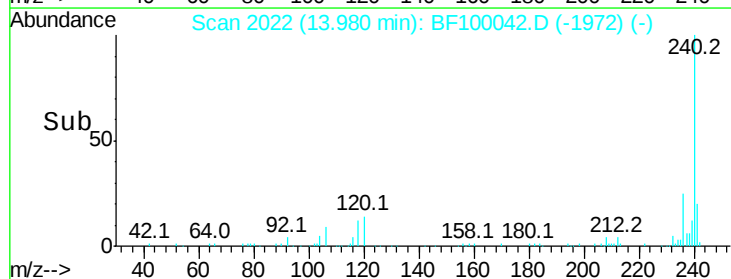
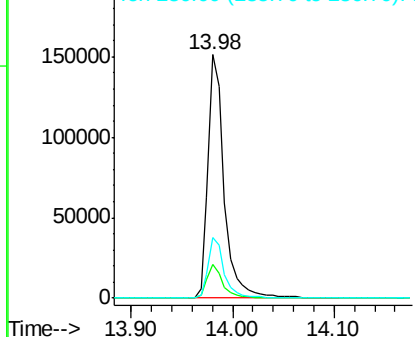


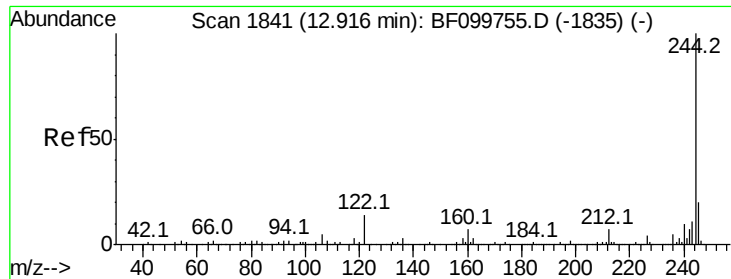
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF100042.D
Acq: 1 Nov 2017 11:34

Tgt Ion:240 Resp: 167427
Ion Ratio Lower Upper
240 100
120 14.1 9.5 14.3
236 24.8 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: 120.797 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF100042.D

Acq: 1 Nov 2017 11:34

Instrument :

BNA_F

ClientSampled :

TP-1

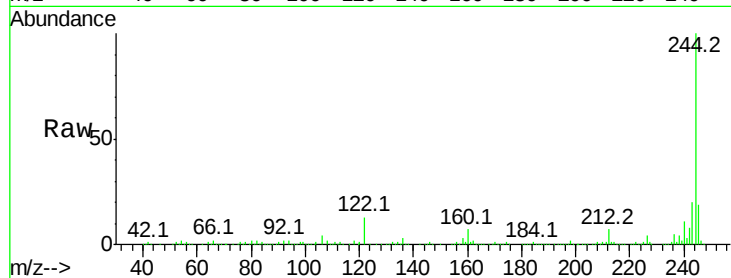
Tot Ion:244 Resp: 925456

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

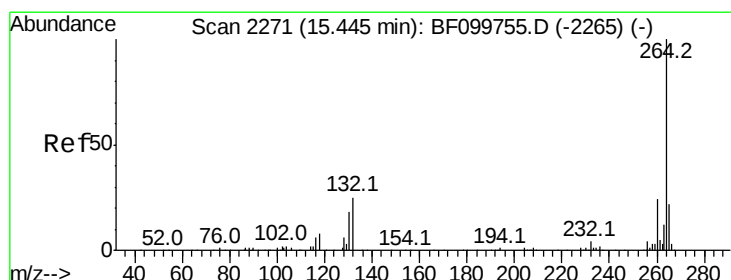
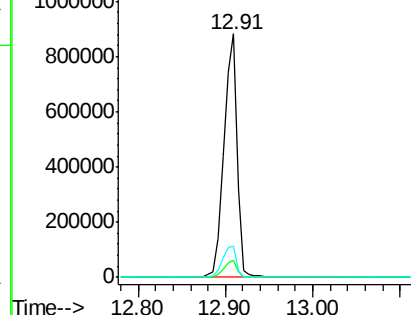
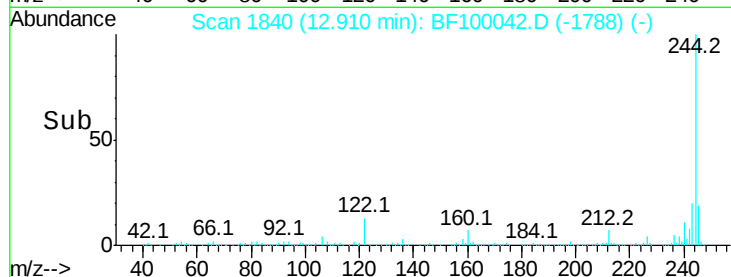
122 12.8 11.0 16.4



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: 15.48 min Scan# 2277

Delta R.T. 0.01 min

Lab File: BF100042.D

Acq: 1 Nov 2017 11:34

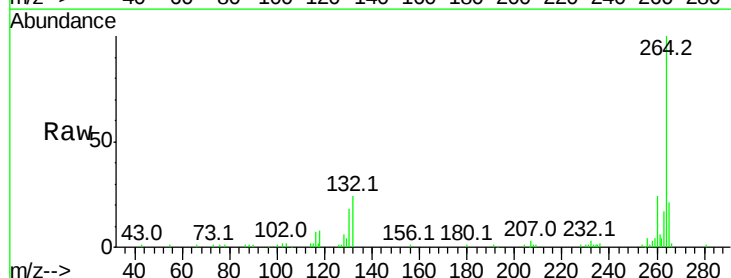
Tgt Ion:264 Resp: 126884

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.3 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

