

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100004.D
 Acq On : 31 Oct 2017 15:50
 Operator : SJ/JU
 Sample : PB103743BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103743BL

Quant Time: Nov 01 04:32:44 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	83212	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	353302	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	175236	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	343067	20.00	ng	0.00
75) Chrysene-d12	13.97	240	295417	20.00	ng	-0.01
86) Perylene-d12	15.46	264	226119	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	555545	104.82	ng	0.01
7) Phenol-d6	6.43	99	664547	105.74	ng	0.00
23) Nitrobenzene-d5	7.36	82	377176	68.73	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	172507	108.02	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	830542	73.12	ng	0.00
78) Terphenyl-d14	12.90	244	877504	64.91	ng	0.00

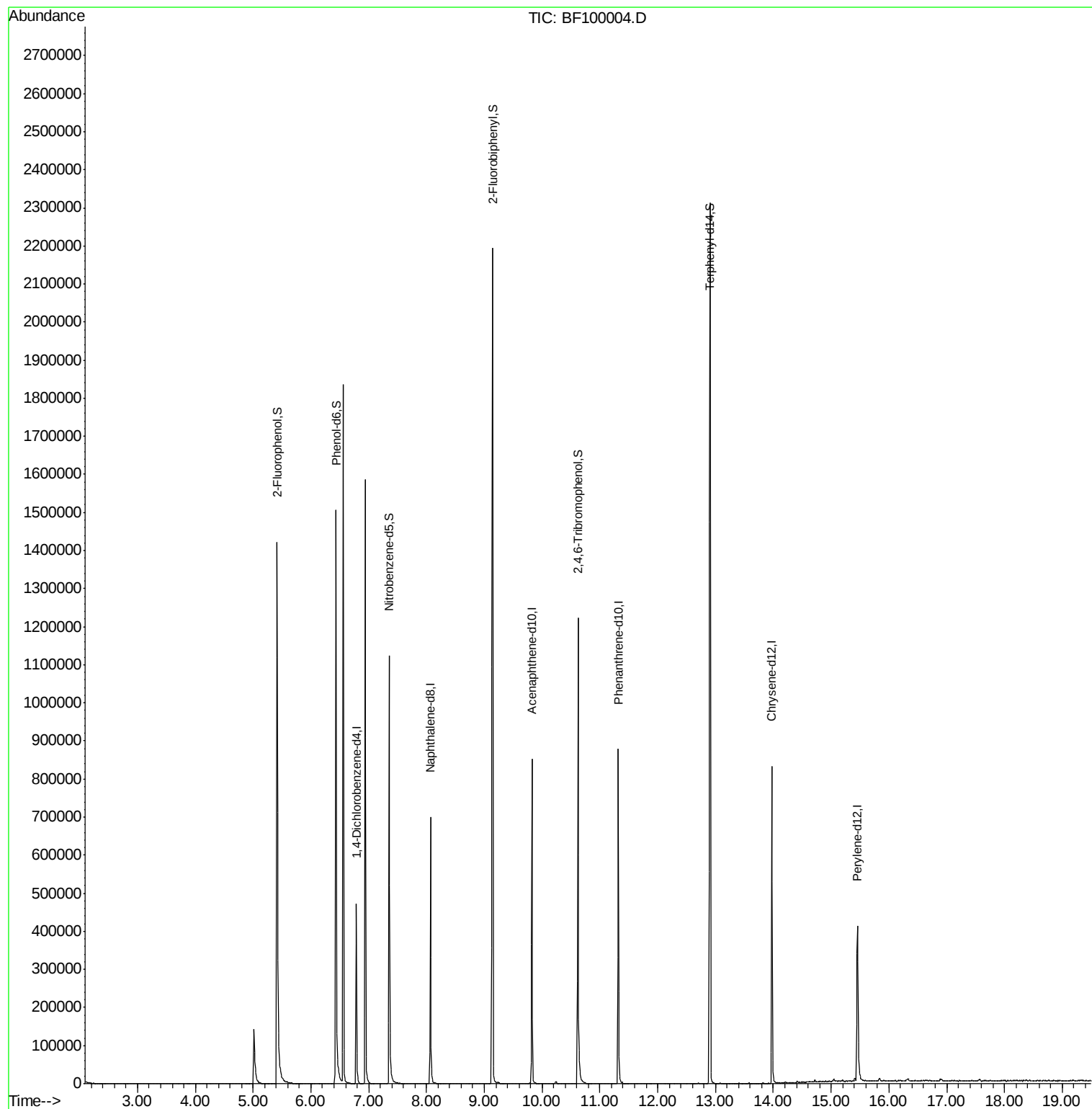
Target Compounds Qvalue

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

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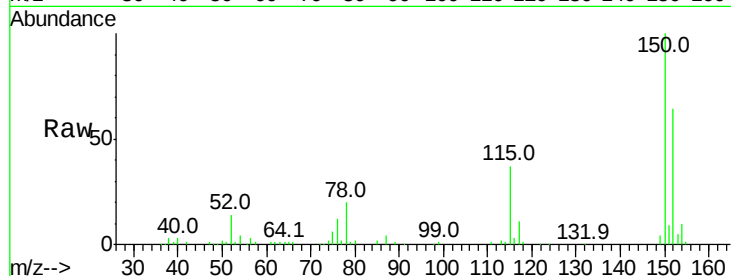


#1

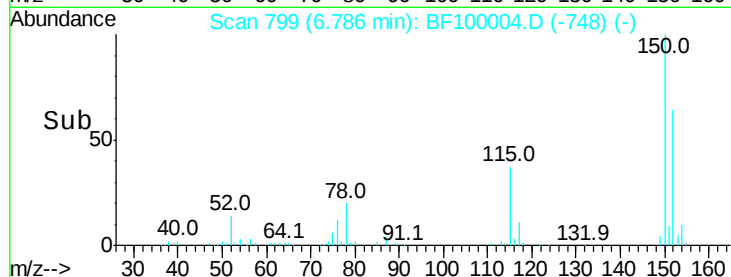
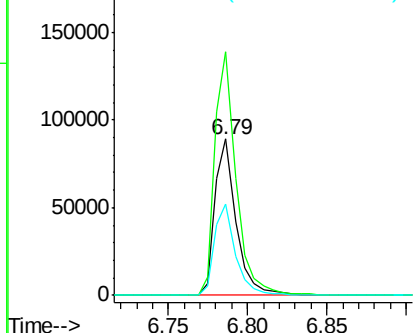
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF100004.D
Acq: 31 Oct 2017 15:50

Instrument :
BNA_F
ClientSampleId :
PB103743BL

Tot Ion:152 Resp: 83212
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 58.2 50.1 75.1



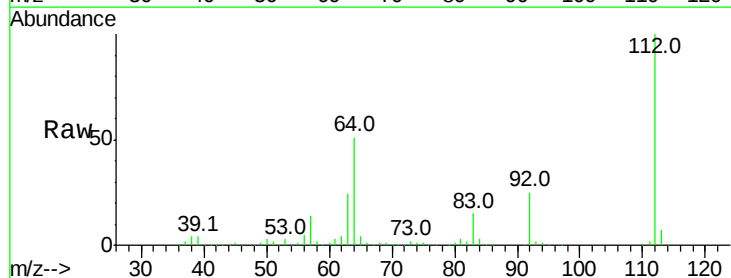
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



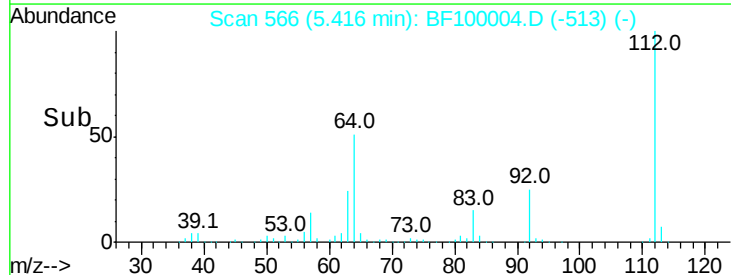
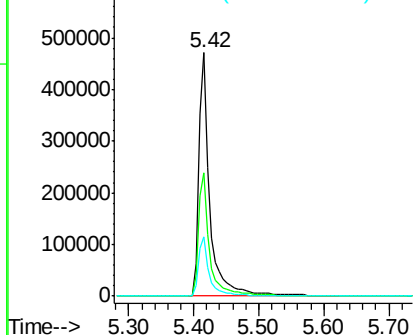
#5

2-Fluorophenol
Concen: 104.815 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF100004.D
Acq: 31 Oct 2017 15:50

Tgt Ion:112 Resp: 555545
Ion Ratio Lower Upper
112 100
64 50.8 47.9 71.9
63 24.1 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: 105.742 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF100004.D

Acq: 31 Oct 2017 15:50

Instrument :

BNA_F

ClientSampleId :

PB103743BL

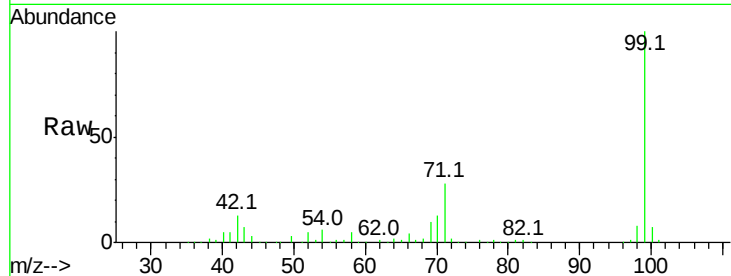
Tot Ion: 99 Resp: 664547

Ion Ratio Lower Upper

99 100

42 12.8 14.5 21.7#

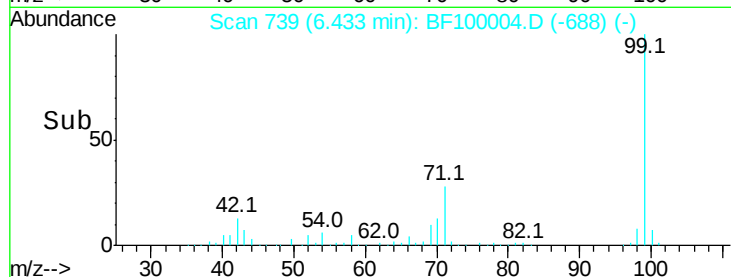
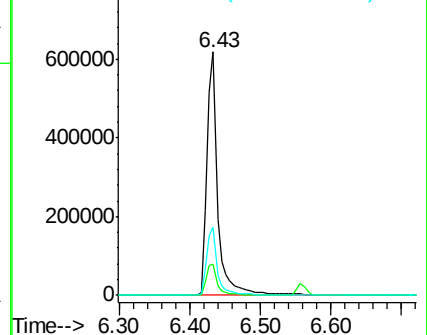
71 28.2 25.4 38.0



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: BF100004.D

Acq: 31 Oct 2017 15:50

Tgt Ion: 136 Resp: 353302

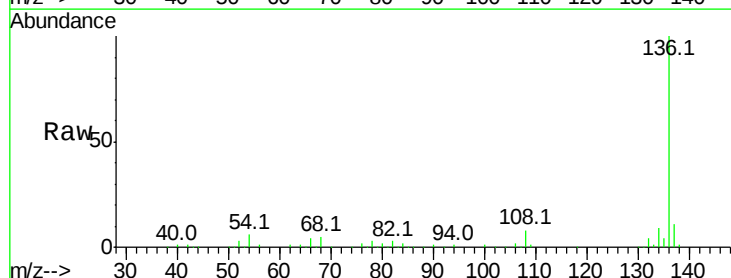
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.1 6.6 9.8#

68 5.2 5.0 7.4

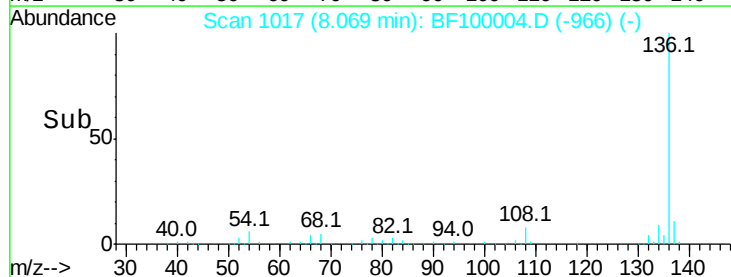
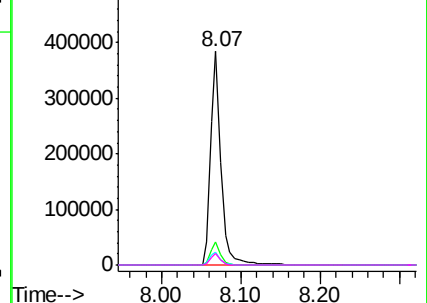


Abundance Ion 136.00 (135.70 to 136.70): E

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

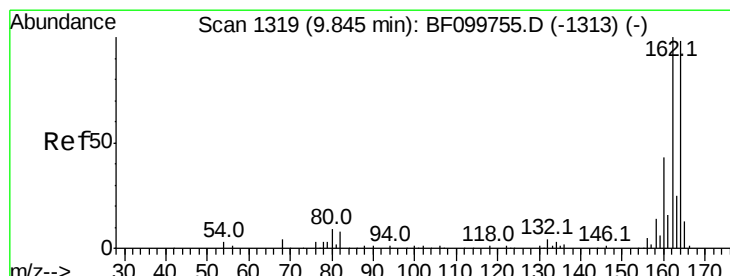
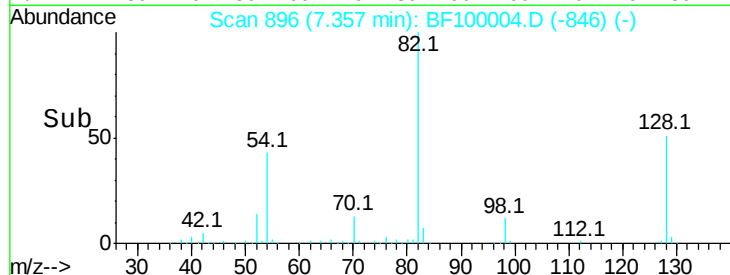
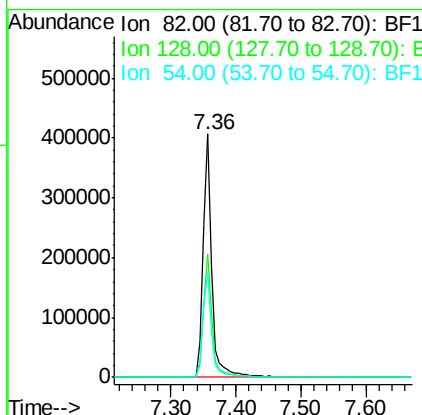
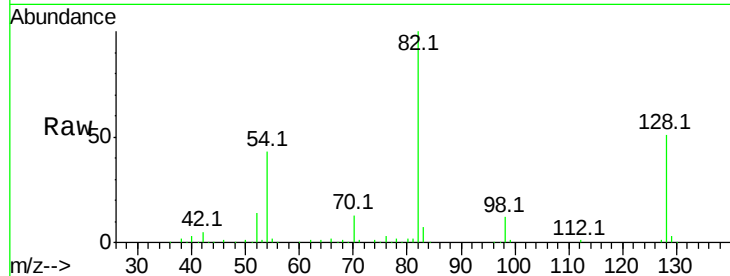




#23
 Nitrobenzene-d5
 Concen: 68.731 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF100004.D
 Acq: 31 Oct 2017 15:50

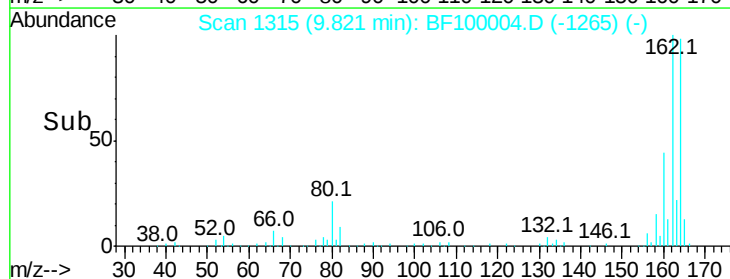
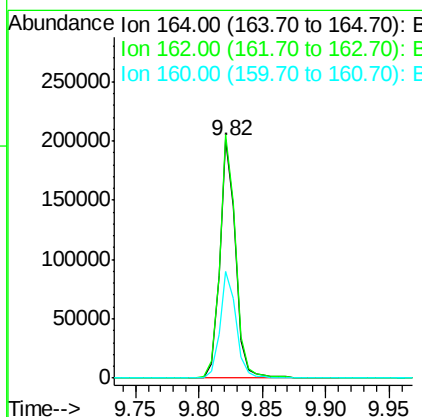
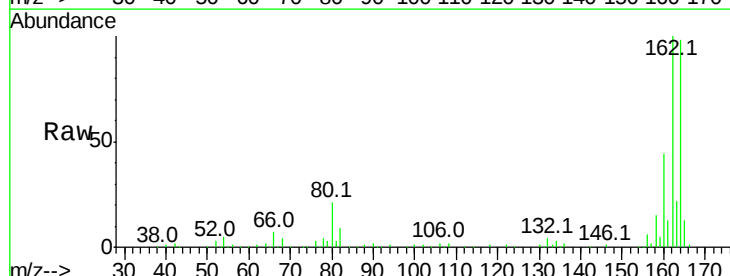
Instrument :
 BNA_F
 ClientSampleId :
 PB103743BL

Tot Ion: 82 Resp: 377176
 Ion Ratio Lower Upper
 82 100
 128 50.6 36.1 54.1
 54 42.7 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: BF100004.D
 Acq: 31 Oct 2017 15:50

Tgt Ion: 164 Resp: 175236
 Ion Ratio Lower Upper
 164 100
 162 102.2 86.1 129.1
 160 45.0 38.3 57.5

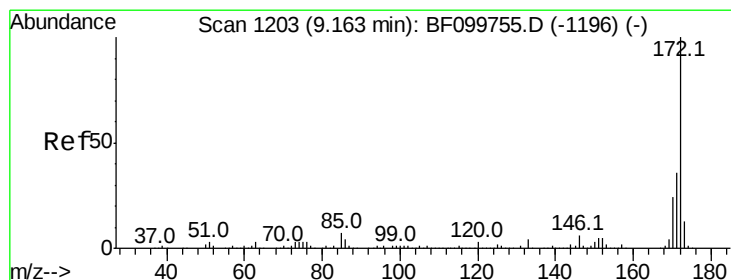
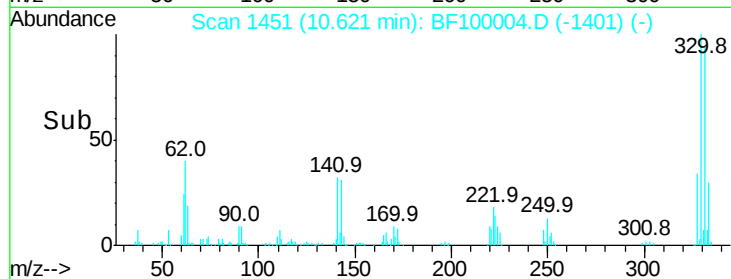
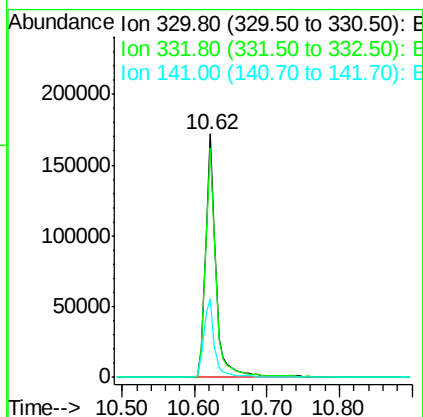
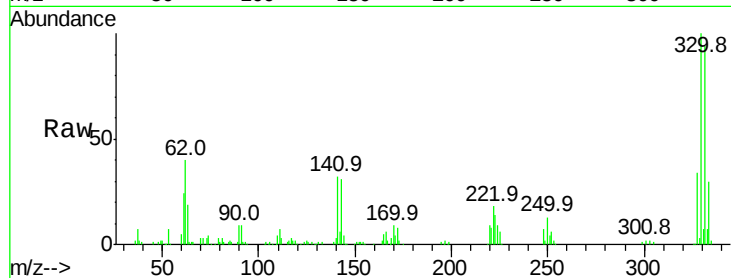




#41
 2,4,6-Tribromophenol
 Concen: 108.022 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF100004.D
 Acq: 31 Oct 2017 15:50

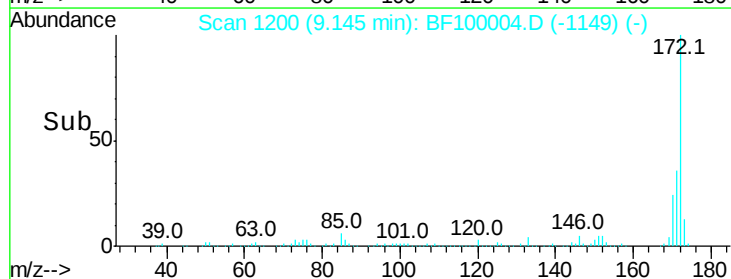
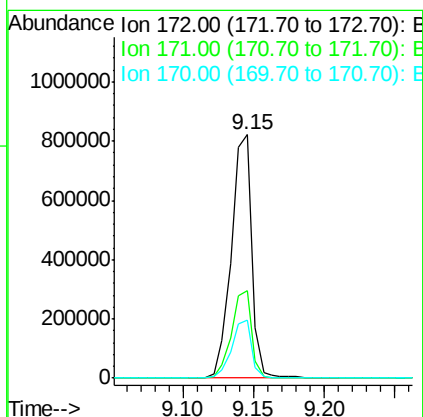
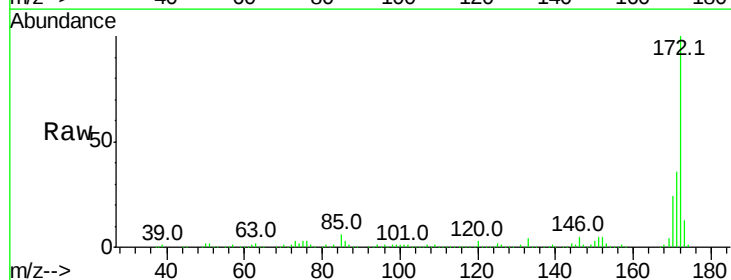
Instrument :
 BNA_F
 ClientSampleId :
 PB103743BL

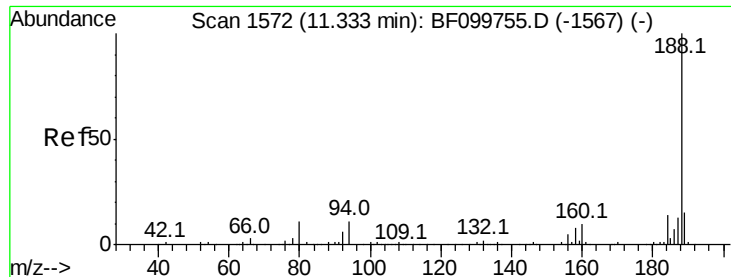
Tot Ion:330 Resp: 172507
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 34.0 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 73.124 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF100004.D
 Acq: 31 Oct 2017 15:50

Tgt Ion:172 Resp: 830542
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.7 19.6 29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF100004.D

Acq: 31 Oct 2017 15:50

Instrument :

BNA_F

ClientSampleId :

PB103743BL

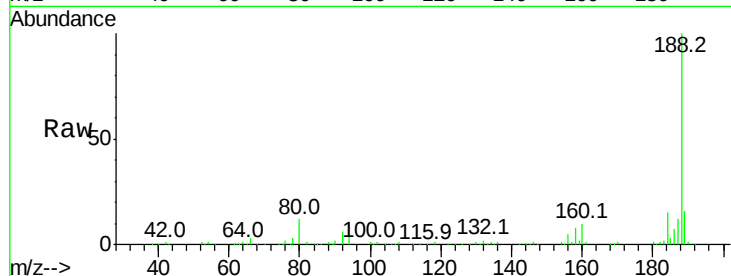
Tot Ion:188 Resp: 343067

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

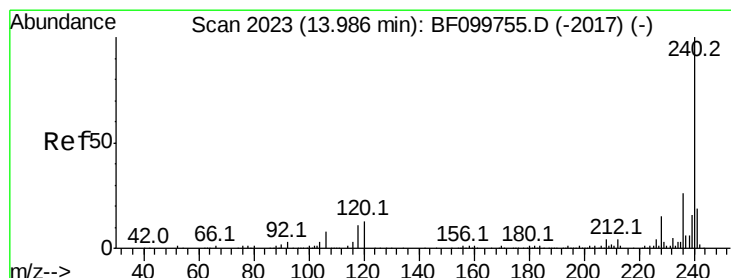
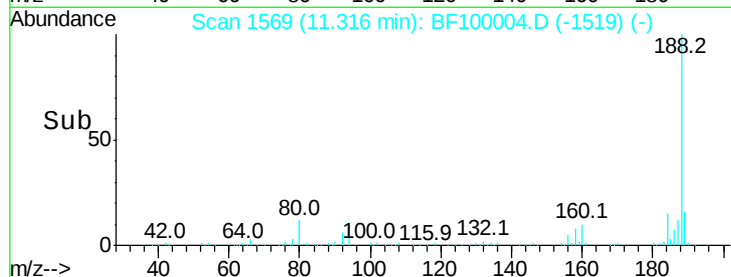
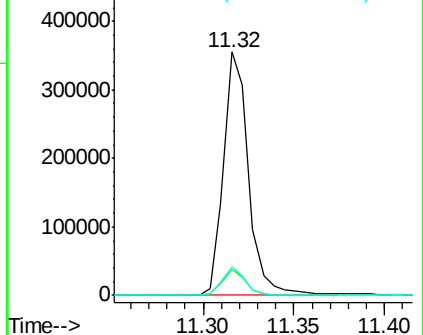
80 11.6 9.2 13.8



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: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF100004.D

Acq: 31 Oct 2017 15:50

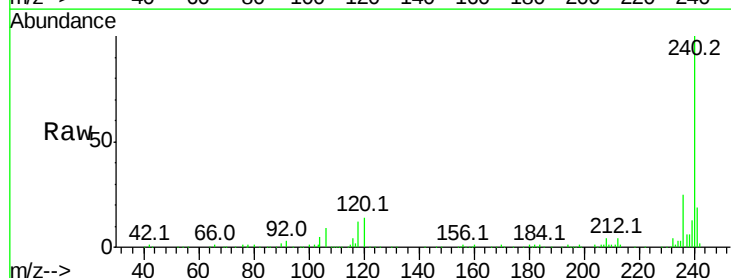
Tgt Ion:240 Resp: 295417

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

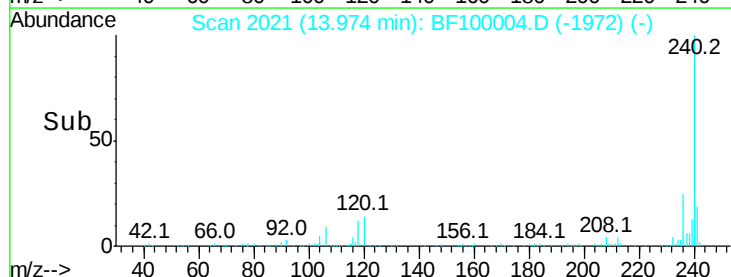
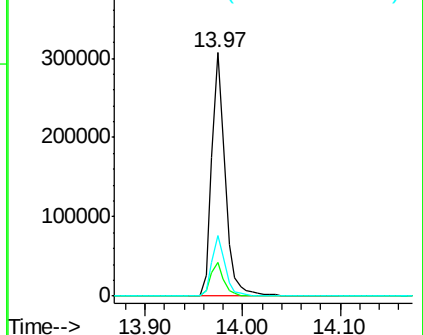
236 25.0 20.7 31.1

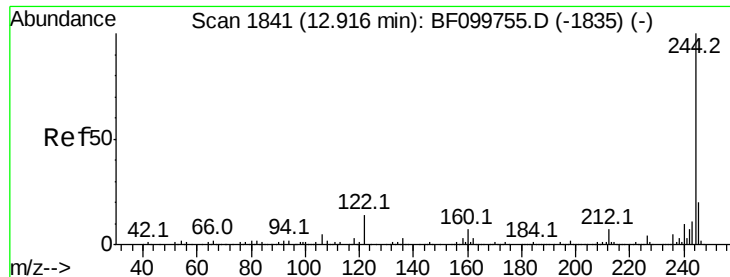


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 64.914 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF100004.D

Acq: 31 Oct 2017 15:50

Instrument :

BNA_F

ClientSampleId :

PB103743BL

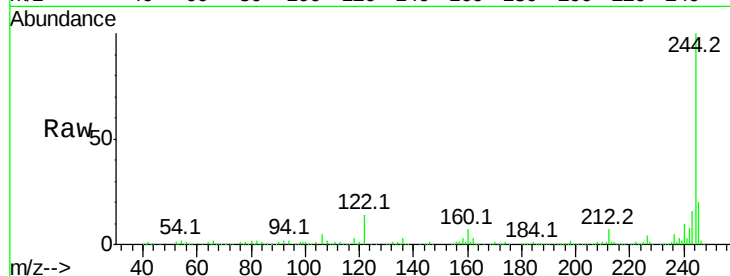
Tot Ion:244 Resp: 877504

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

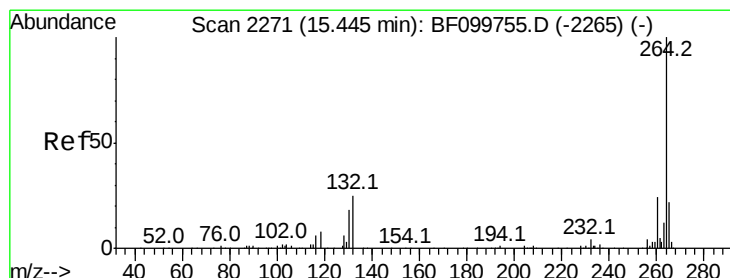
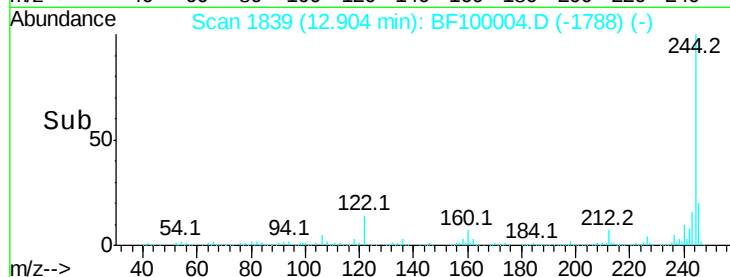
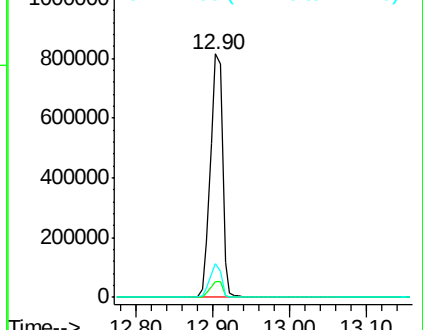
122 14.0 11.0 16.4



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: 15.46 min Scan# 2273

Delta R.T. -0.02 min

Lab File: BF100004.D

Acq: 31 Oct 2017 15:50

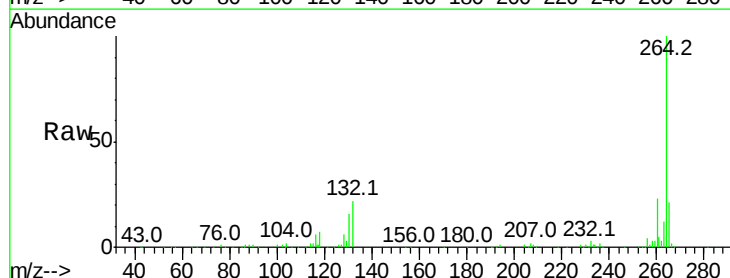
Tgt Ion:264 Resp: 226119

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.0 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

