

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099233.D
 Acq On : 8 Oct 2017 15:39
 Operator : SJ/JU
 Sample : I5715-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-100517-A

Quant Time: Oct 09 01:57:24 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	6.87	152	142885	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	596841	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	278445	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	496705	20.00	ng	0.00
75) Chrysene-d12	14.03	240	390815	20.00	ng	0.00
86) Perylene-d12	15.50	264	280316	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1059908	118.09	ng	0.03
7) Phenol-d6	6.50	99	1164121	105.14	ng	0.00
23) Nitrobenzene-d5	7.43	82	857293	92.12	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	312820	137.30	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1528841	91.66	ng	0.00
78) Terphenyl-d14	12.97	244	1408744	81.98	ng	0.00

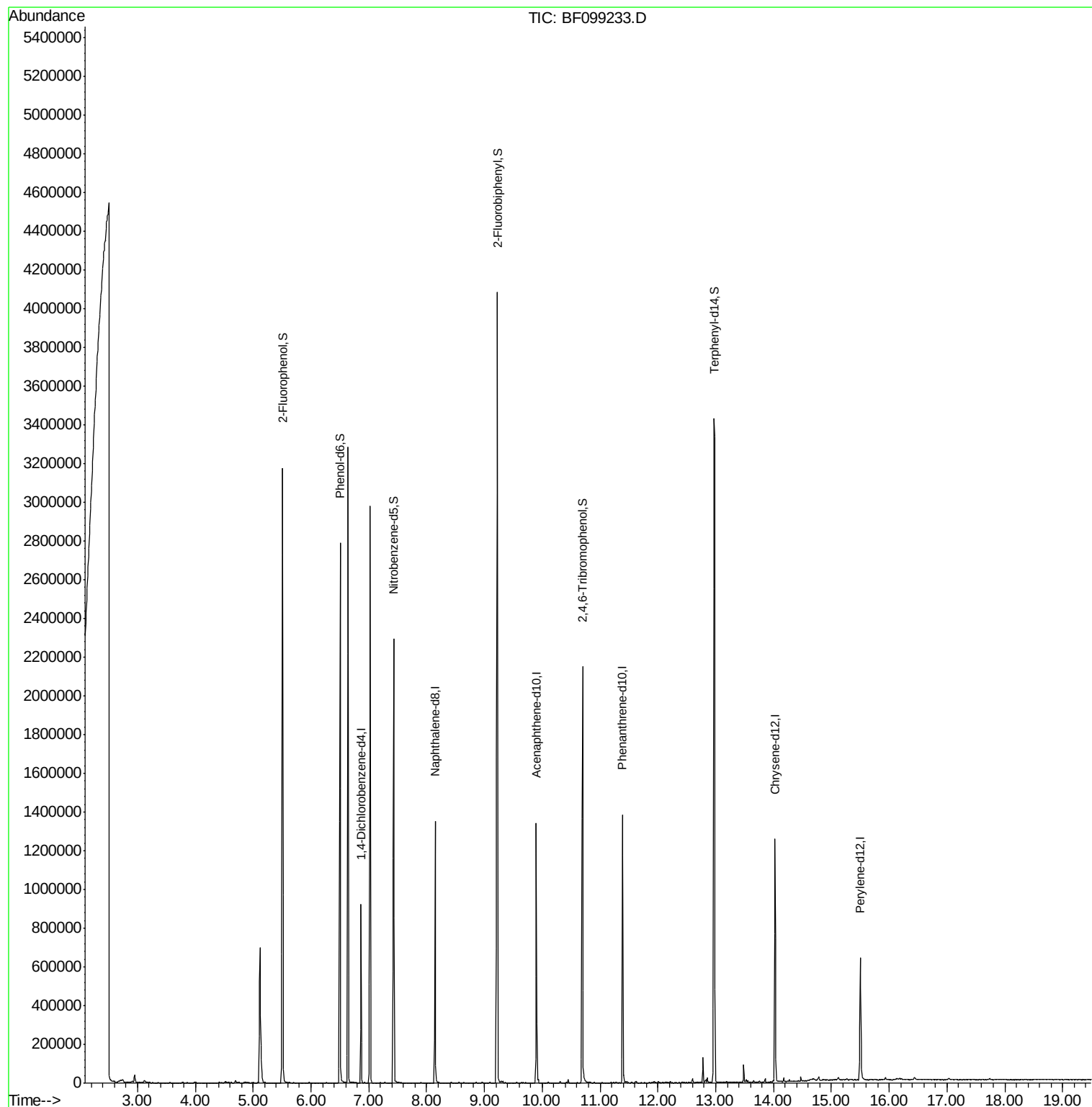
Target Compounds Qvalue

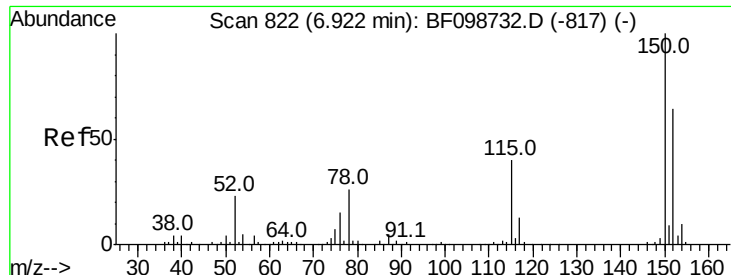
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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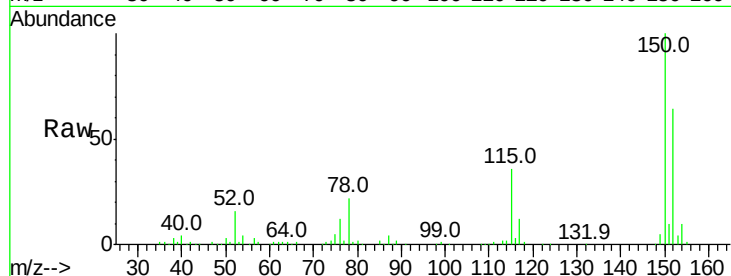


#1

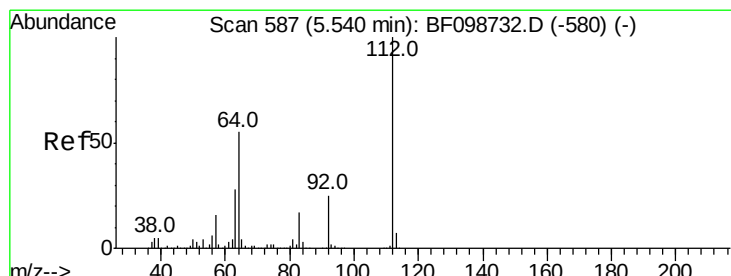
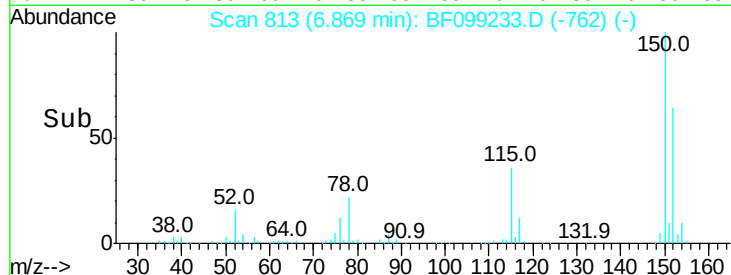
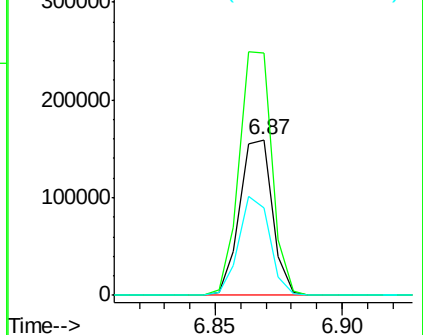
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF099233.D
Acq: 8 Oct 2017 15:39

Instrument :
BNA_F
ClientSampleId :
PL-02-100517-A

Tot Ion:152 Resp: 142885
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 56.3 50.1 75.1



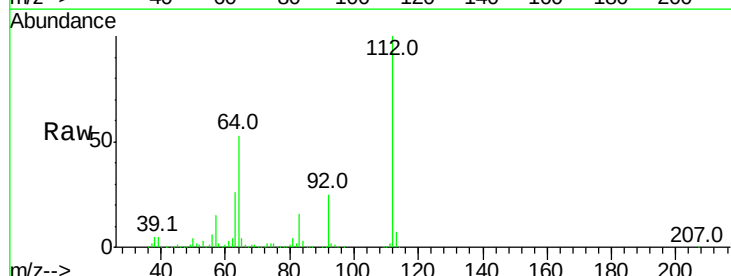
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



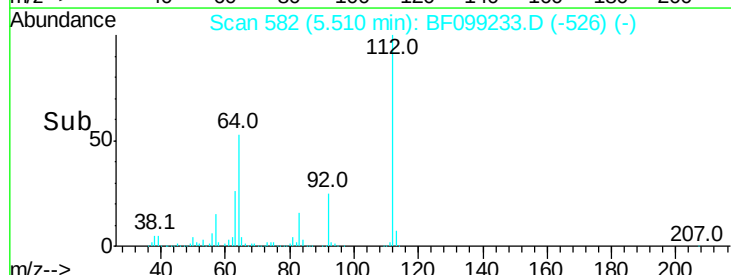
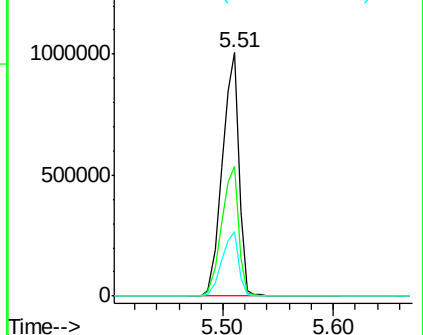
#5

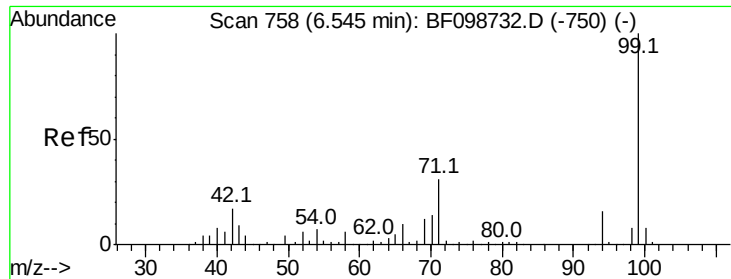
2-Fluorophenol
Concen: 118.086 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.03 min
Lab File: BF099233.D
Acq: 8 Oct 2017 15:39

Tgt Ion:112 Resp: 1059908
Ion Ratio Lower Upper
112 100
64 53.5 47.9 71.9
63 26.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.135 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099233.D

Acq: 8 Oct 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PL-02-100517-A

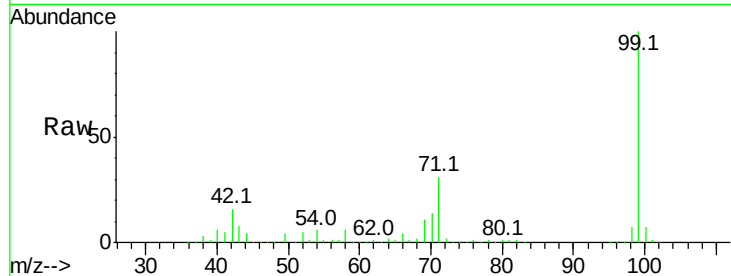
Tot Ion: 99 Resp: 1164121

Ion Ratio Lower Upper

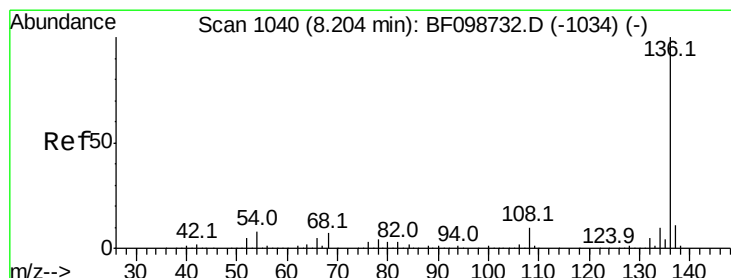
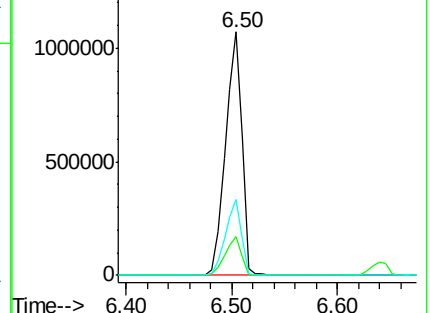
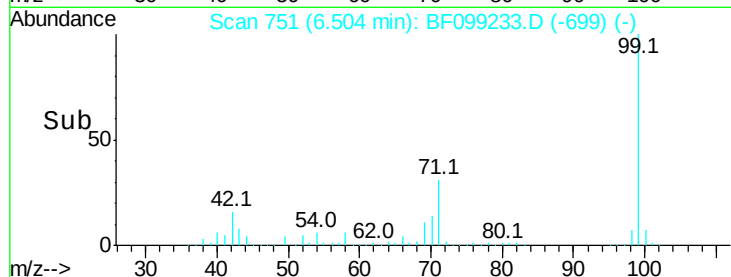
99 100

42 15.7 14.5 21.7

71 31.2 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: BF099233.D

Acq: 8 Oct 2017 15:39

Tgt Ion: 136 Resp: 596841

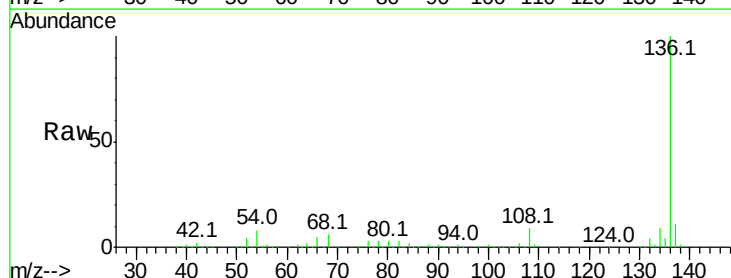
Ion Ratio Lower Upper

136 100

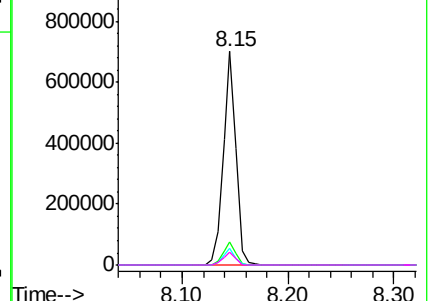
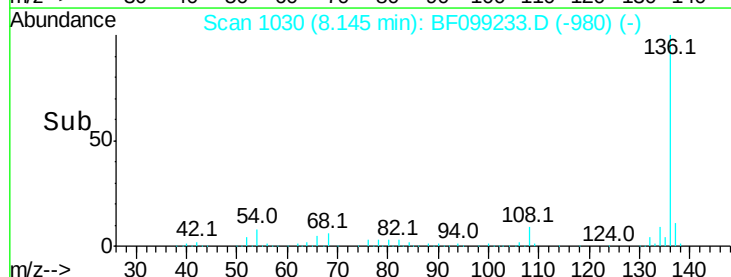
137 11.0 8.9 13.3

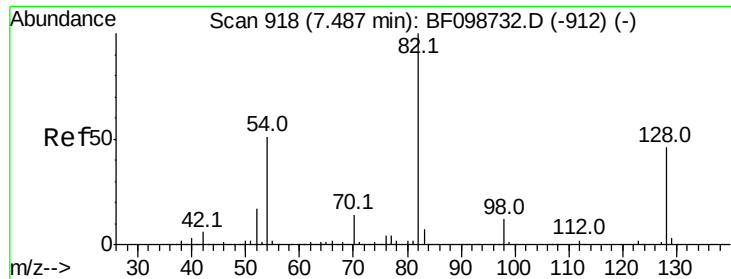
54 7.5 6.6 9.8

68 6.1 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: 92.116 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF099233.D

Acq: 8 Oct 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PL-02-100517-A

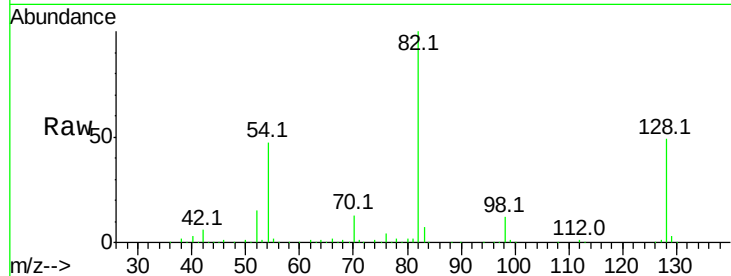
Tot Ion: 82 Resp: 857293

Ion Ratio Lower Upper

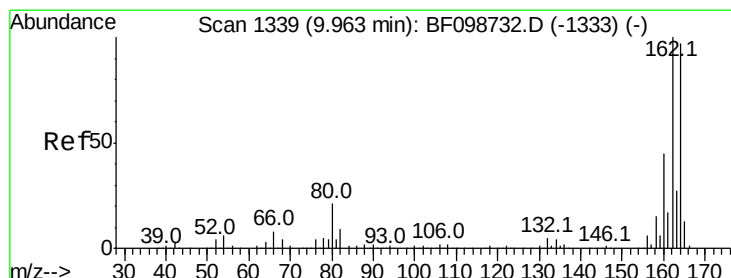
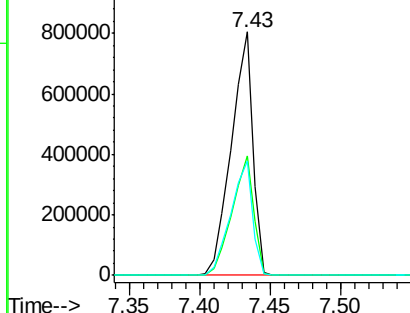
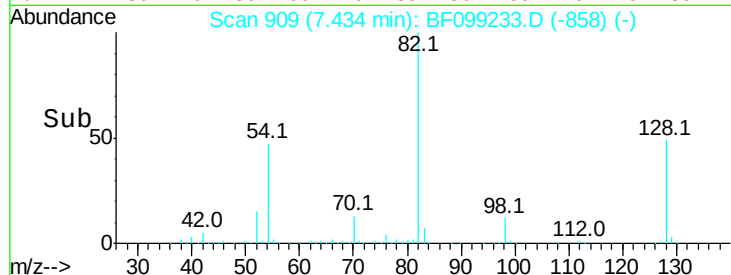
82 100

128 49.1 36.1 54.1

54 46.9 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: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099233.D

Acq: 8 Oct 2017 15:39

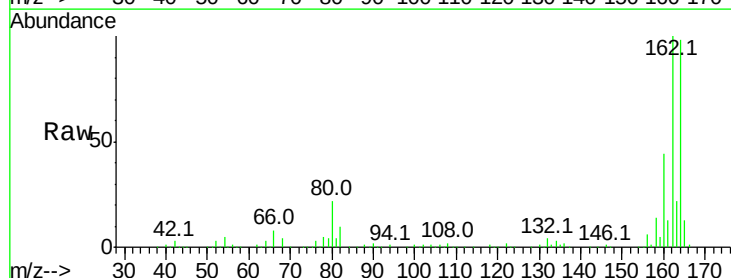
Tgt Ion:164 Resp: 278445

Ion Ratio Lower Upper

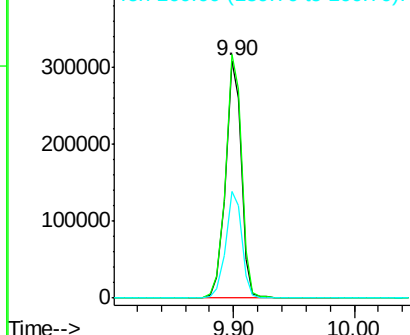
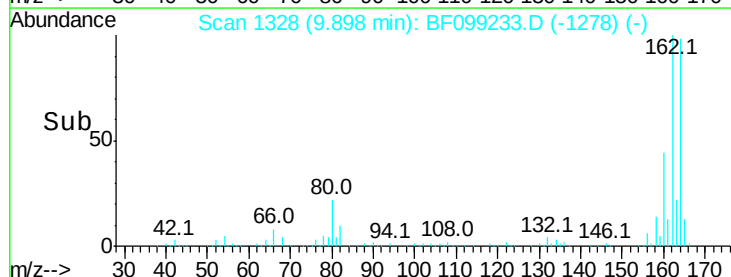
164 100

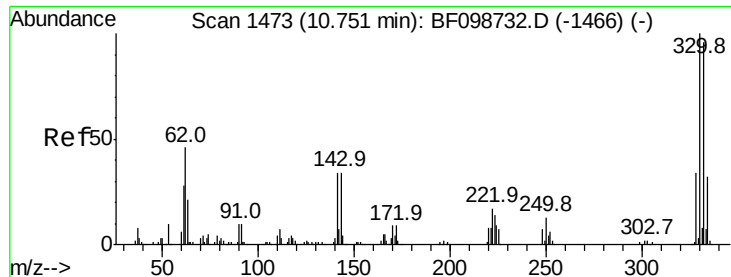
162 102.5 86.1 129.1

160 44.8 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

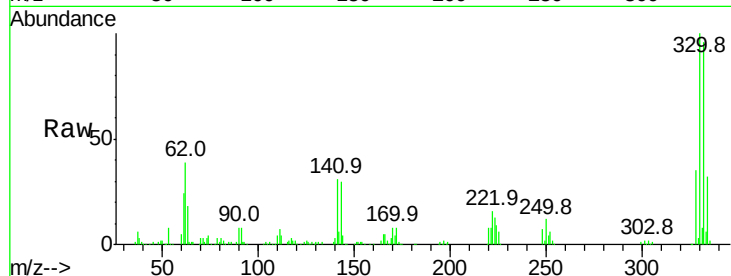




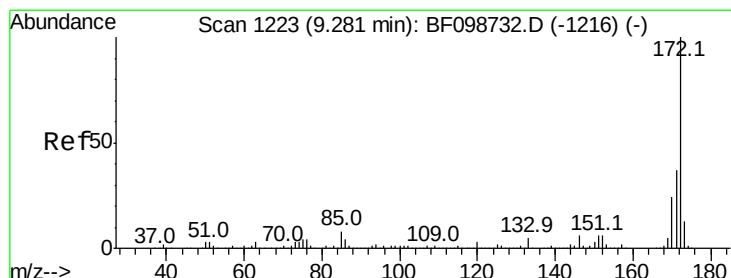
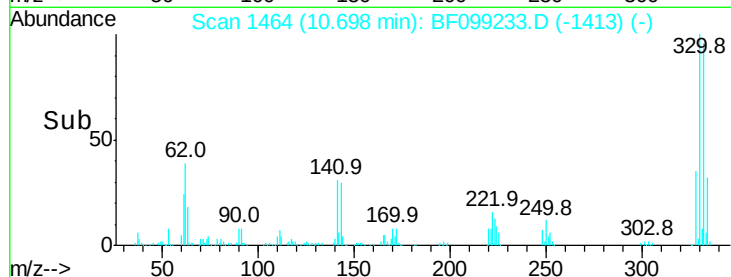
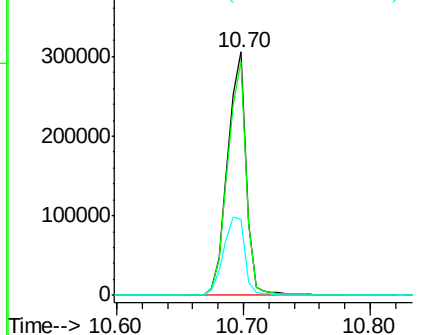
#41
 2,4,6-Tribromophenol
 Concen: 137.296 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF099233.D
 Acq: 8 Oct 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-100517-A

Tot Ion:330 Resp: 312820
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 37.5 29.9 44.9

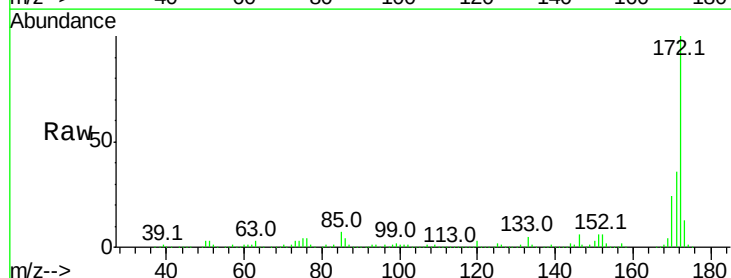


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

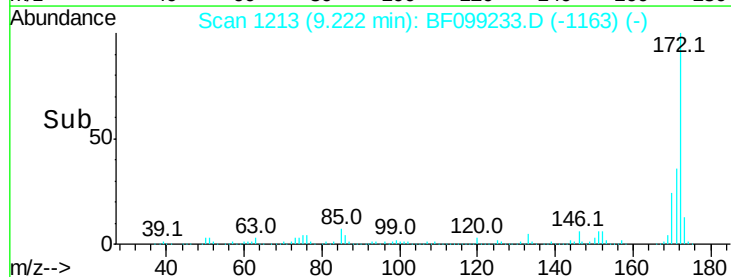
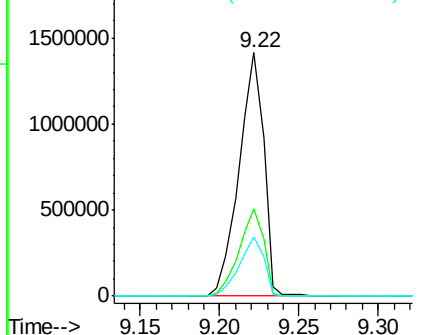


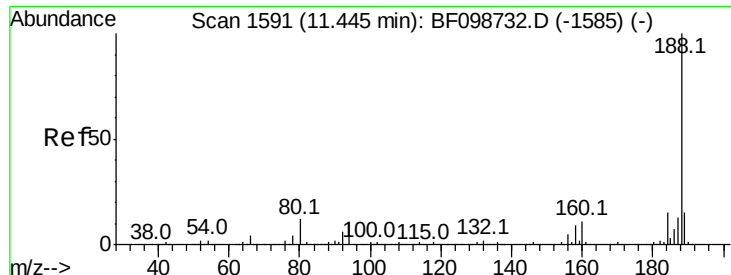
#44
 2-Fluorobiphenyl
 Concen: 91.662 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099233.D
 Acq: 8 Oct 2017 15:39

Tgt Ion:172 Resp: 1528841
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.4 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: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF099233.D

Acq: 8 Oct 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PL-02-100517-A

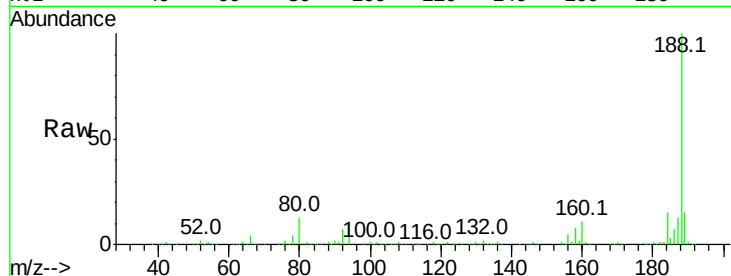
Tot Ion:188 Resp: 496705

Ion Ratio Lower Upper

188 100

94 11.4 8.5 12.7

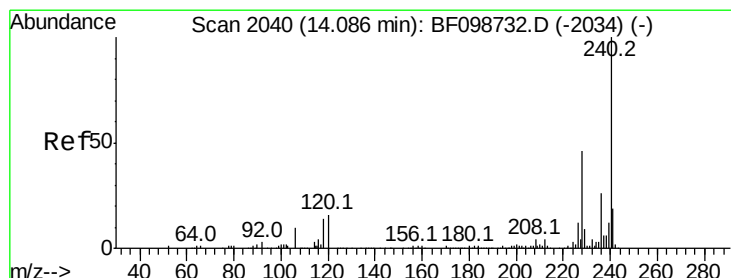
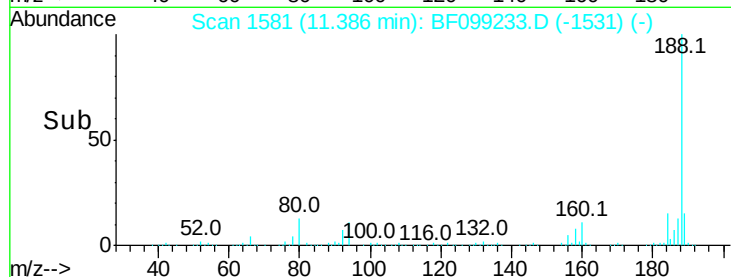
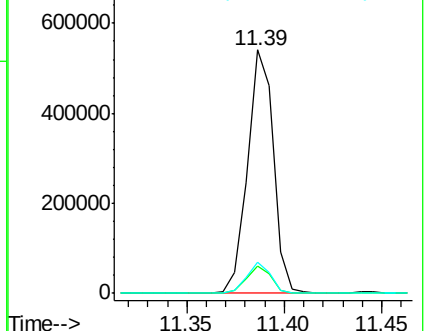
80 12.7 9.2 13.8



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: BF099233.D

Acq: 8 Oct 2017 15:39

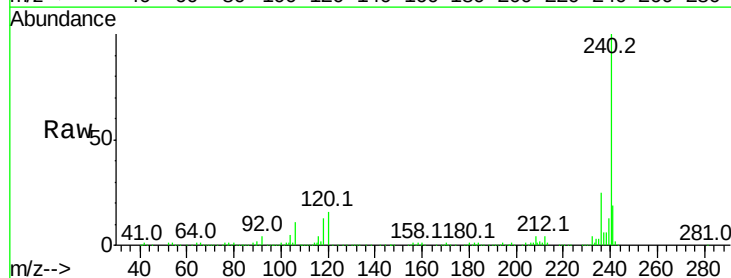
Tgt Ion:240 Resp: 390815

Ion Ratio Lower Upper

240 100

120 15.5 9.5 14.3#

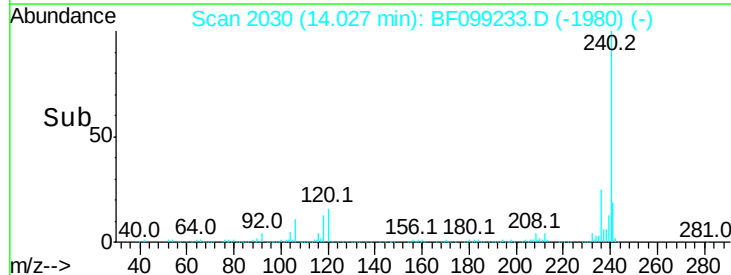
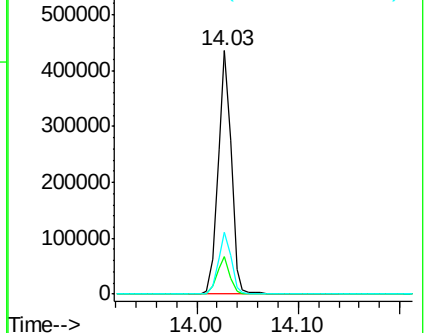
236 25.4 20.7 31.1

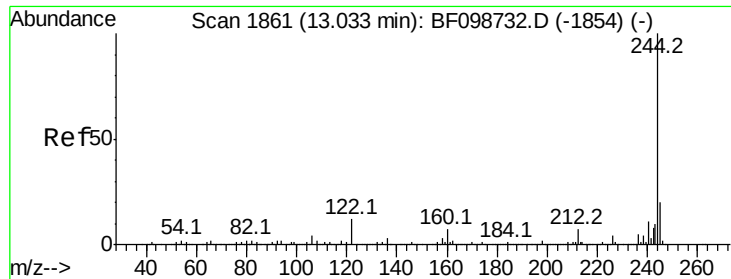


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.977 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BF099233.D

Acq: 8 Oct 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PL-02-100517-A

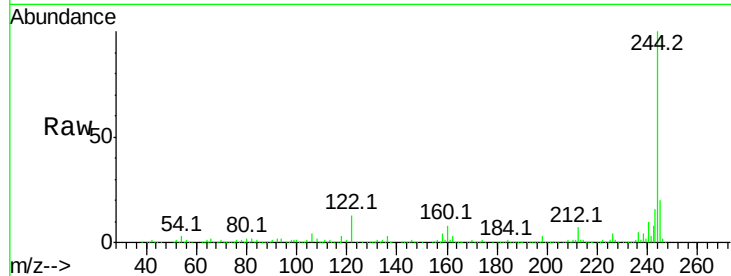
Tot Ion:244 Resp: 1408744

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

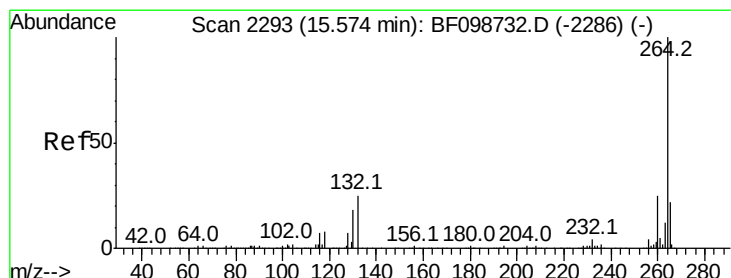
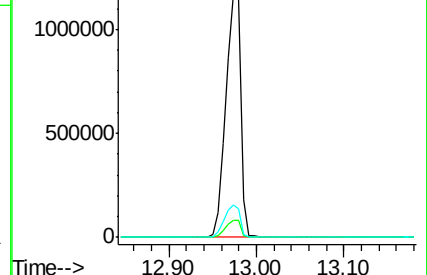
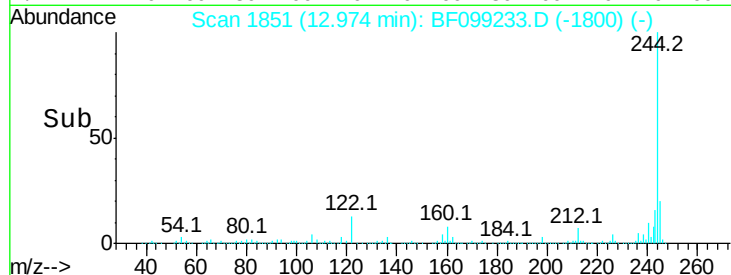
122 13.4 11.0 16.4



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# 2281

Delta R.T. 0.00 min

Lab File: BF099233.D

Acq: 8 Oct 2017 15:39

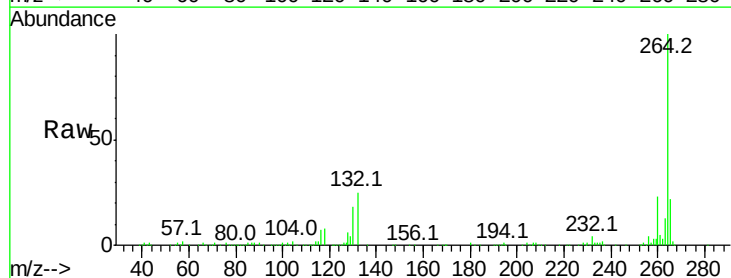
Tgt Ion:264 Resp: 280316

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.8 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

