

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099190.D
 Acq On : 7 Oct 2017 13:18
 Operator : SJ/JU
 Sample : I5604-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217

Quant Time: Oct 08 04:14:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Oct 08 03:54:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	141517	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	573802	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	238069	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	370980	20.00	ng	0.00
75) Chrysene-d12	14.02	240	241739	20.00	ng	0.00
86) Perylene-d12	15.50	264	227836	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1120033	125.99	ng	0.02
7) Phenol-d6	6.50	99	1339531	122.15	ng	0.00
23) Nitrobenzene-d5	7.43	82	616293	68.88	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	223565	114.76	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1096148	76.87	ng	0.00
78) Terphenyl-d14	12.97	244	686517	64.59	ng	0.00

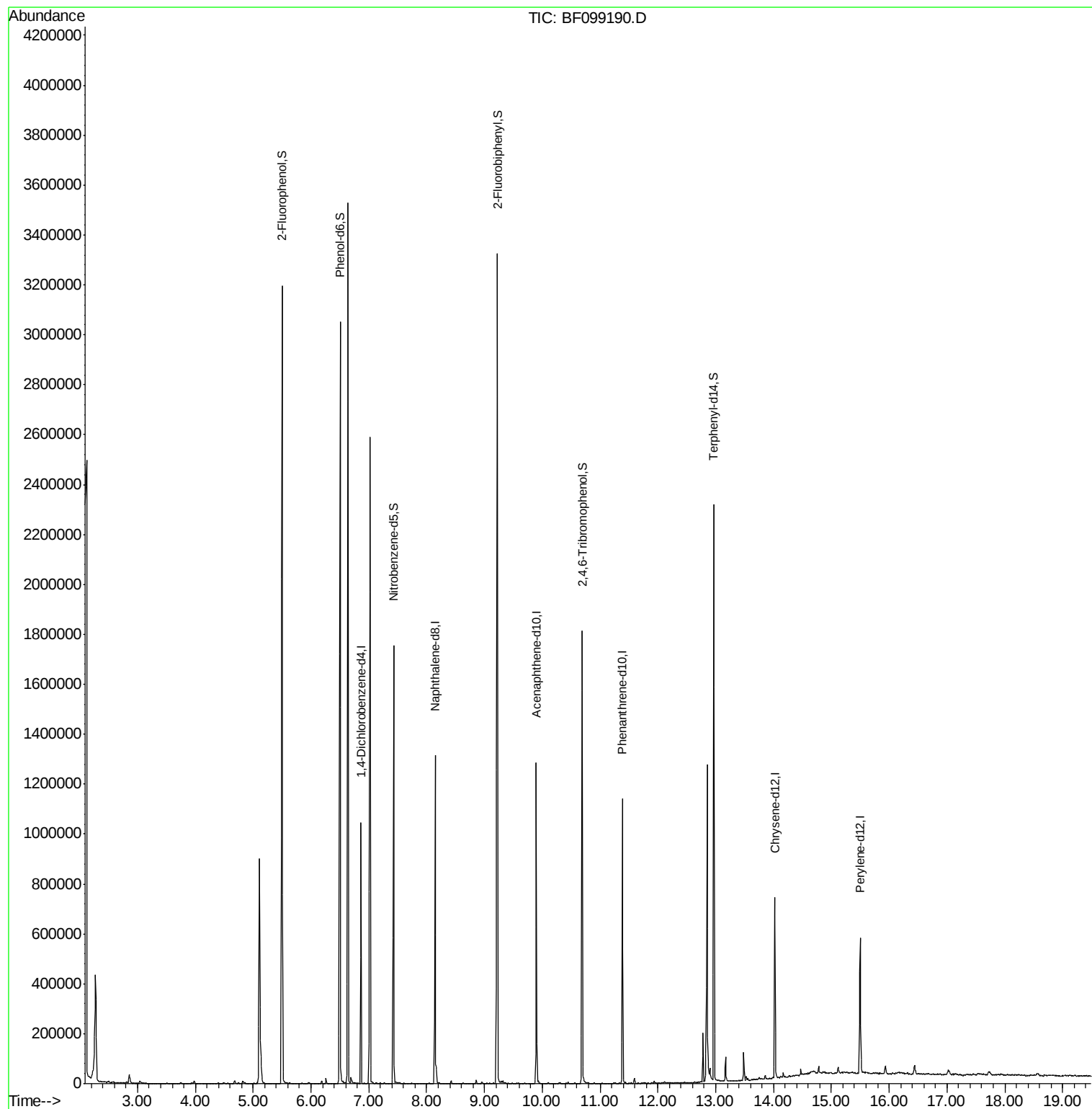
Target Compounds Qvalue

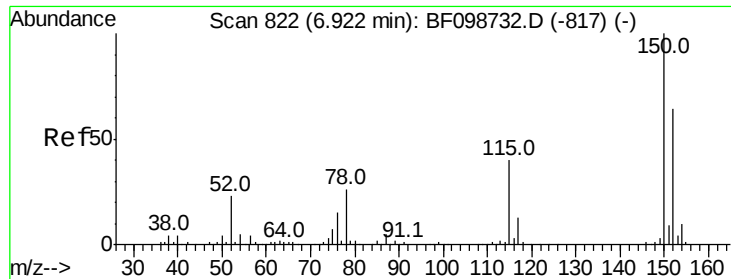
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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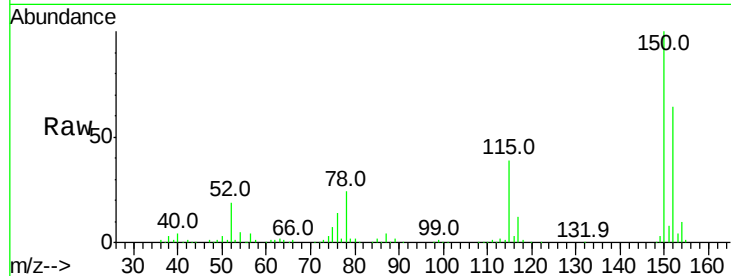


#1

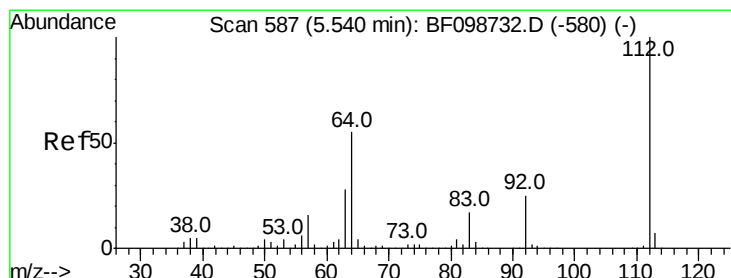
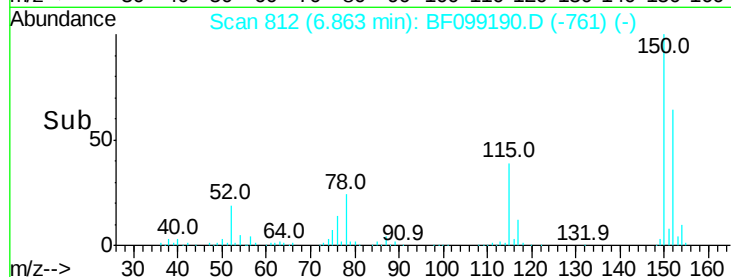
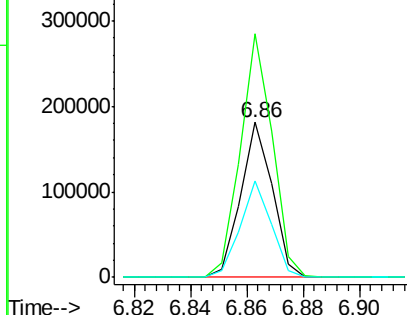
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF099190.D
Acq: 7 Oct 2017 13:18

Instrument :
BNA_F
ClientSampleId :
SP-A-100217

Tot Ion:152 Resp: 141517
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 61.7 50.1 75.1



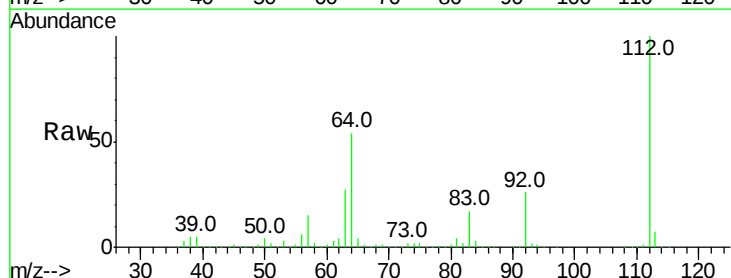
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



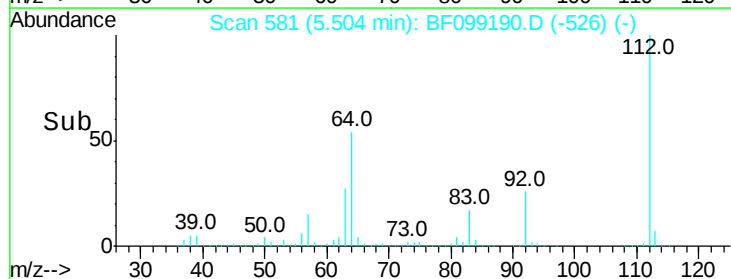
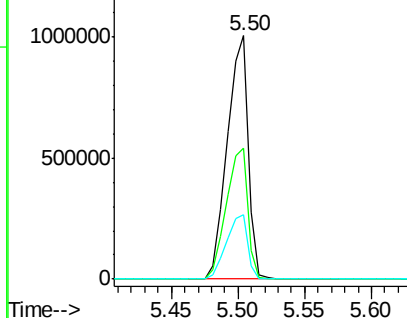
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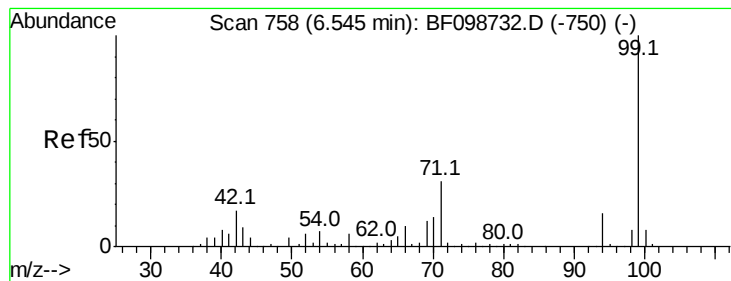
2-Fluorophenol
Concen: 125.991 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF099190.D
Acq: 7 Oct 2017 13:18

Tgt Ion:112 Resp: 1120033
Ion Ratio Lower Upper
112 100
64 53.9 47.9 71.9
63 26.6 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: 122.147 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099190.D

Acq: 7 Oct 2017 13:18

Instrument :

BNA_F

ClientSampleId :

SP-A-100217

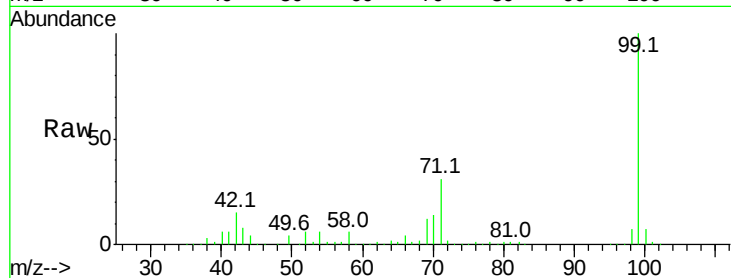
Tot Ion: 99 Resp: 1339531

Ion Ratio Lower Upper

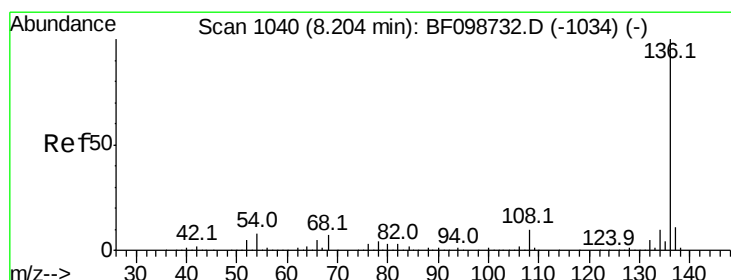
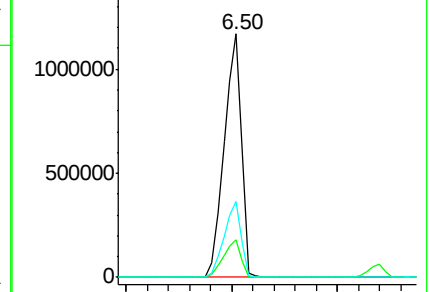
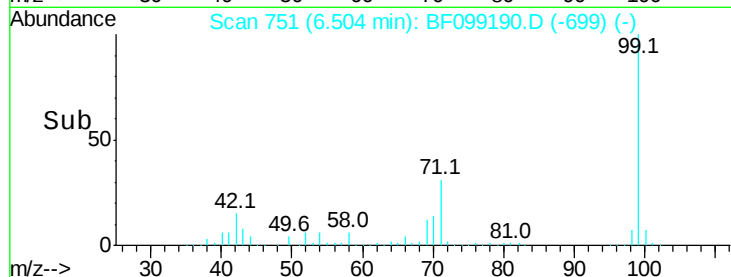
99 100

42 15.2 14.5 21.7

71 31.3 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. -0.00 min

Lab File: BF099190.D

Acq: 7 Oct 2017 13:18

Tgt Ion: 136 Resp: 573802

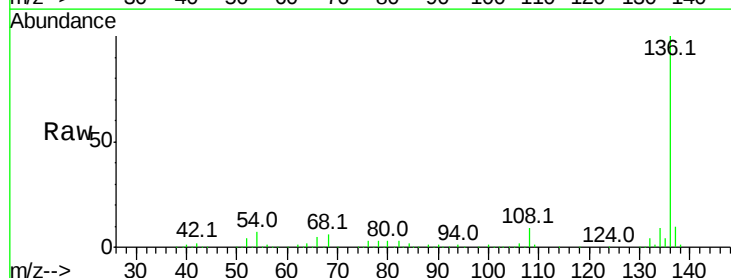
Ion Ratio Lower Upper

136 100

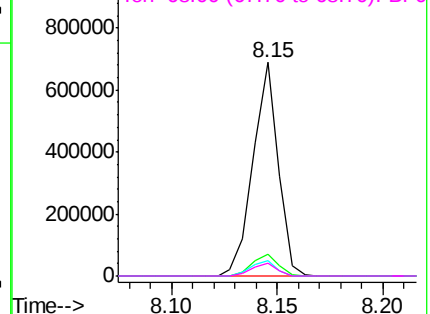
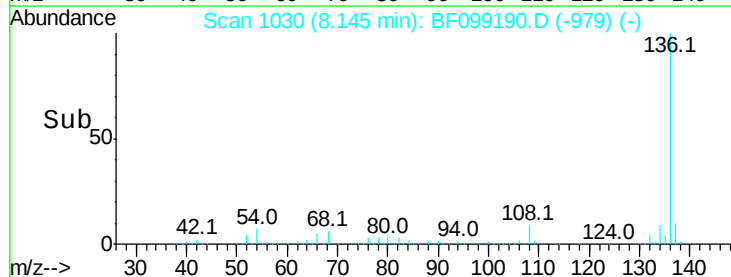
137 10.5 8.9 13.3

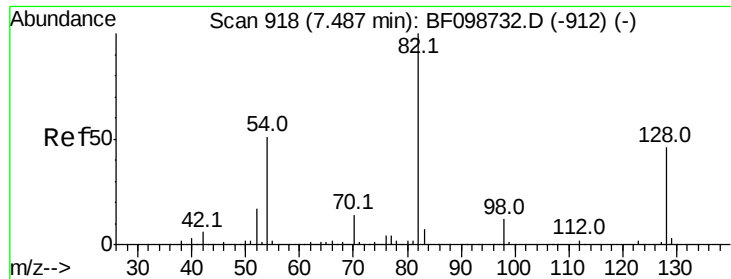
54 7.2 6.6 9.8

68 5.8 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

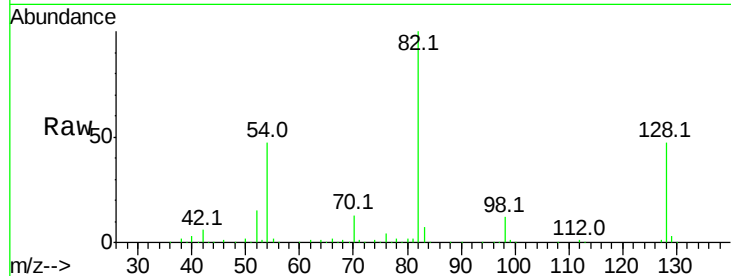




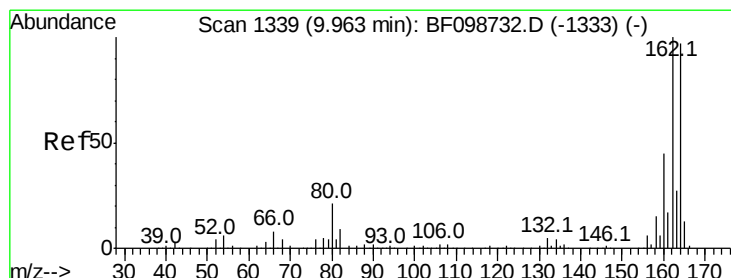
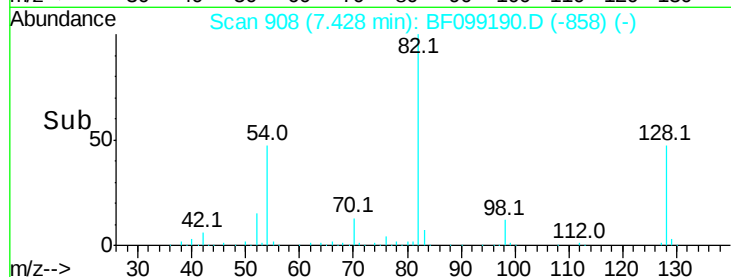
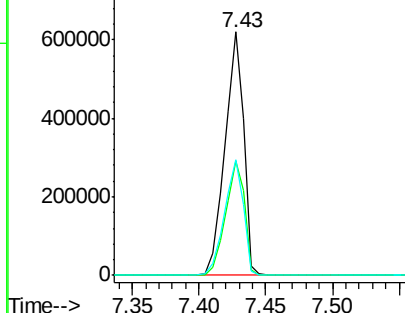
#23
Nitrobenzene-d5
Concen: 68.879 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099190.D
Acq: 7 Oct 2017 13:18

Instrument :
BNA_F
ClientSampleId :
SP-A-100217

Tot Ion: 82 Resp: 616293
Ion Ratio Lower Upper
82 100
128 47.1 36.1 54.1
54 47.4 41.4 62.2

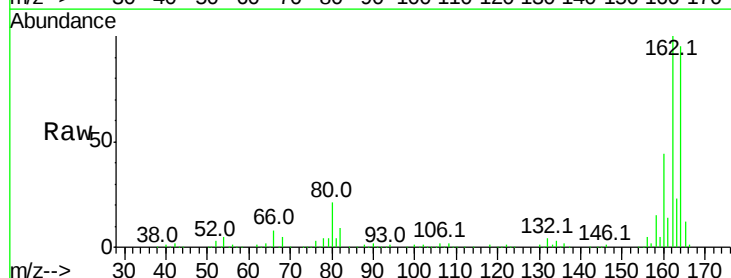


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

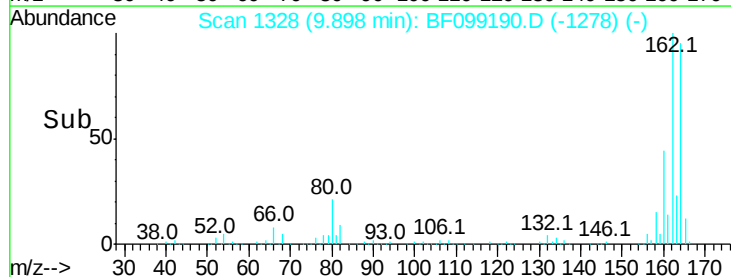
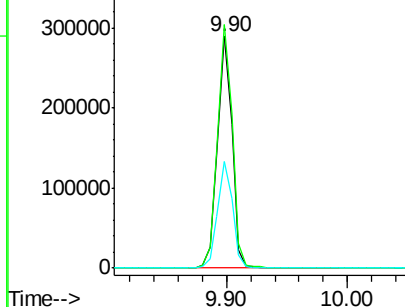


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099190.D
Acq: 7 Oct 2017 13:18

Tgt Ion:164 Resp: 238069
Ion Ratio Lower Upper
164 100
162 105.1 86.1 129.1
160 45.8 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

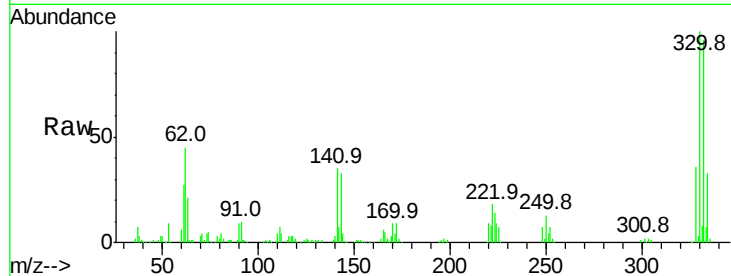




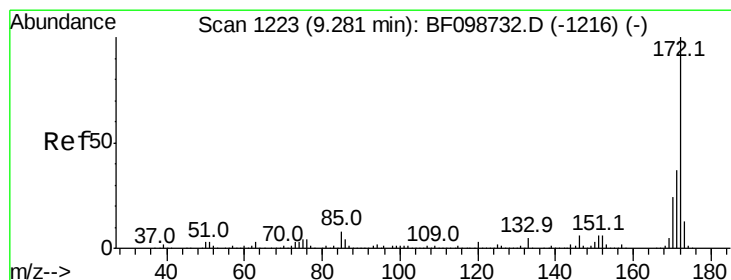
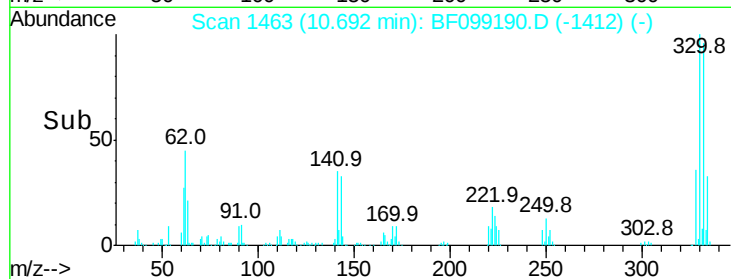
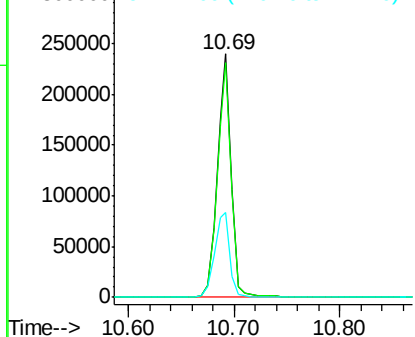
#41
 2,4,6-Tribromophenol
 Concen: 114.763 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: BF099190.D
 Acq: 7 Oct 2017 13:18

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217

Tot Ion:330 Resp: 223565
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 38.6 29.9 44.9

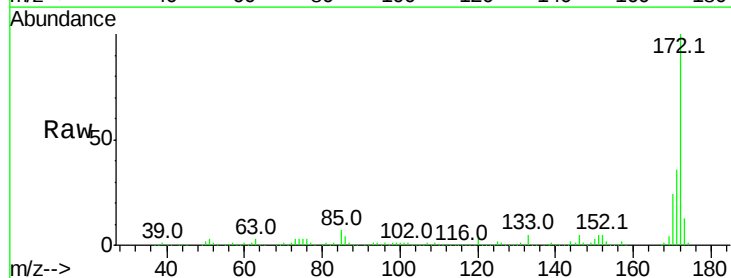


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

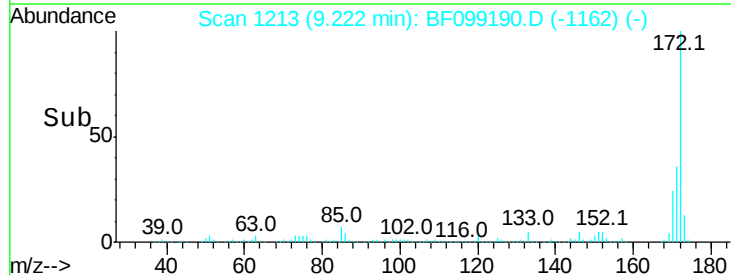
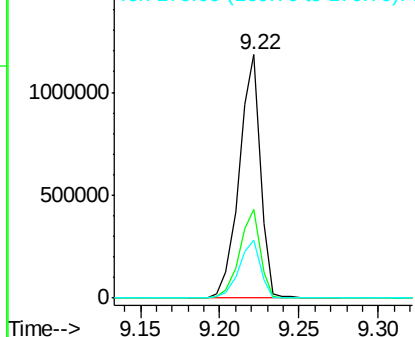


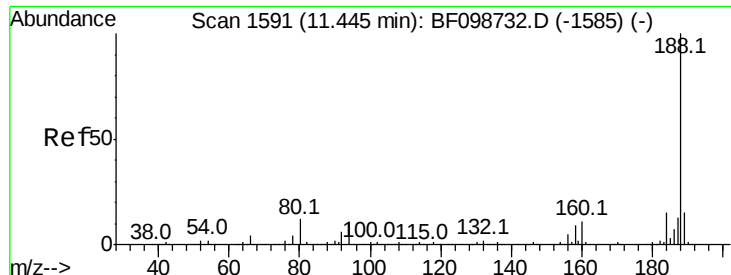
#44
 2-Fluorobiphenyl
 Concen: 76.865 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF099190.D
 Acq: 7 Oct 2017 13:18

Tgt Ion:172 Resp: 1096148
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.9 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. -0.00 min

Lab File: BF099190.D

Acq: 7 Oct 2017 13:18

Instrument :

BNA_F

ClientSampleId :

SP-A-100217

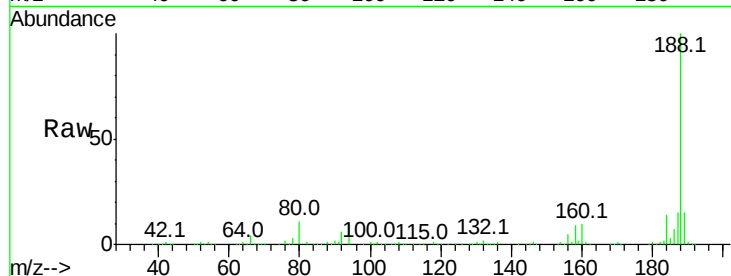
Tot Ion:188 Resp: 370980

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

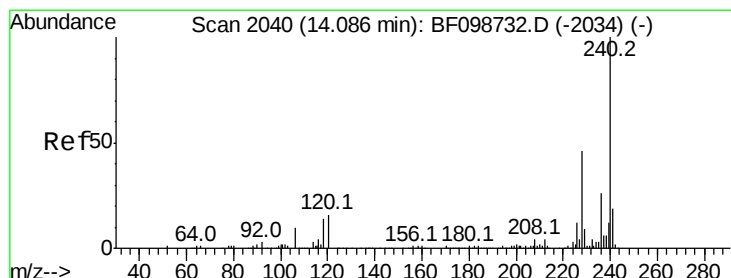
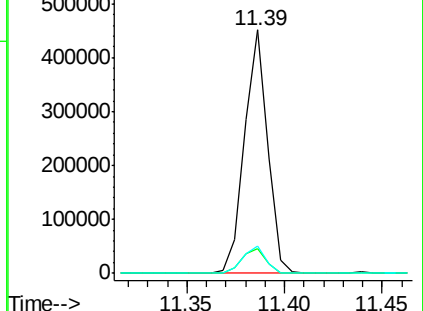
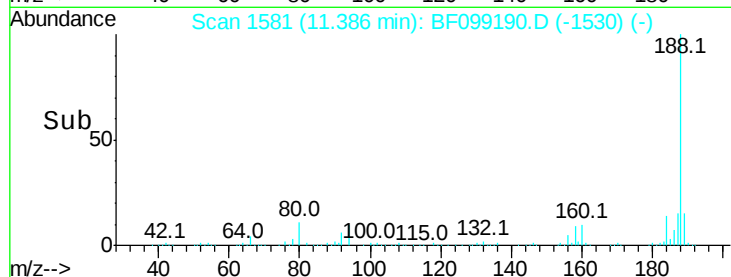
80 11.2 9.2 13.8



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: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF099190.D

Acq: 7 Oct 2017 13:18

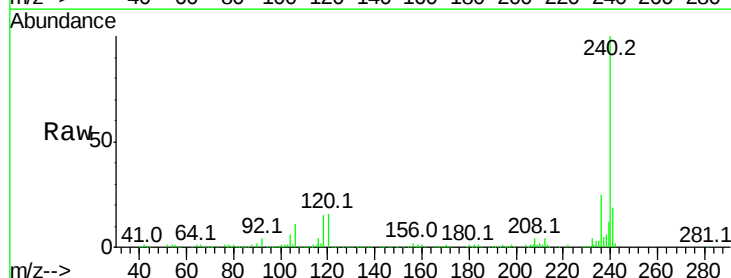
Tgt Ion:240 Resp: 241739

Ion Ratio Lower Upper

240 100

120 16.4 9.5 14.3#

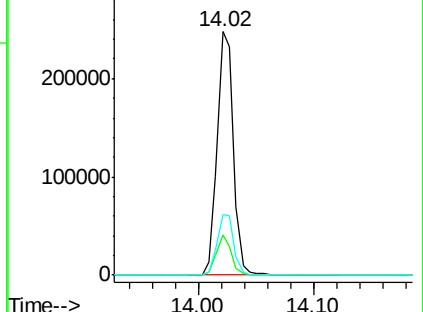
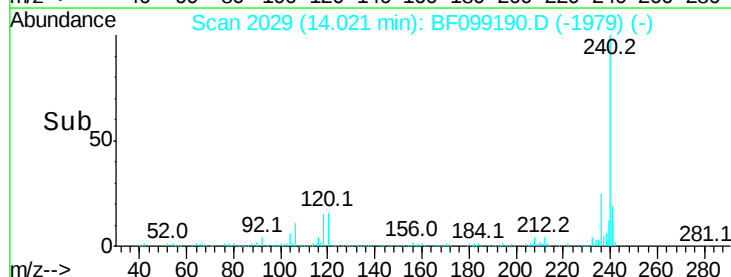
236 25.1 20.7 31.1

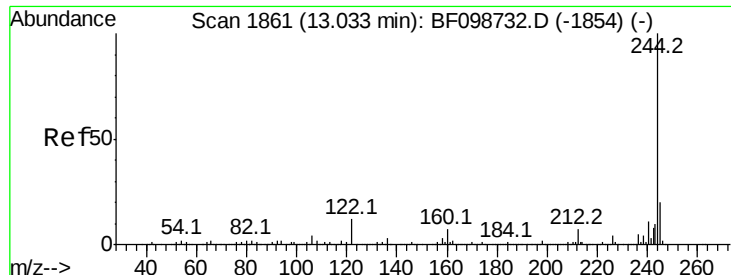


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 64.585 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BF099190.D

Acq: 7 Oct 2017 13:18

Instrument :

BNA_F

ClientSampleId :

SP-A-100217

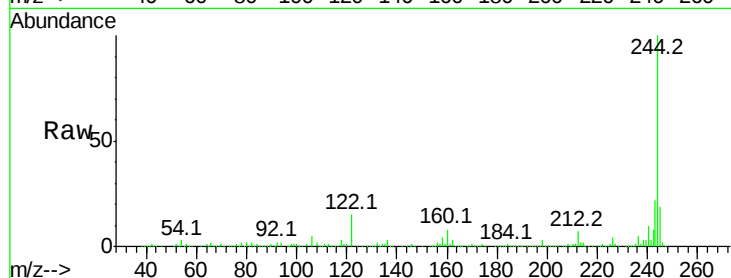
Tot Ion:244 Resp: 686517

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

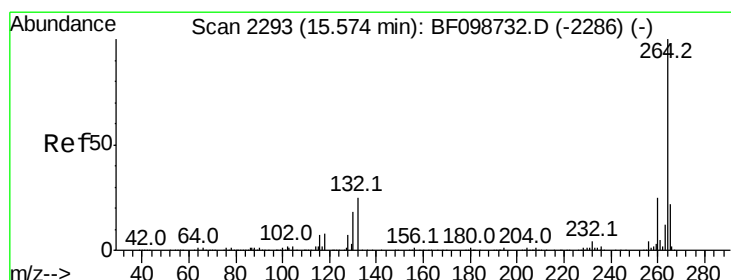
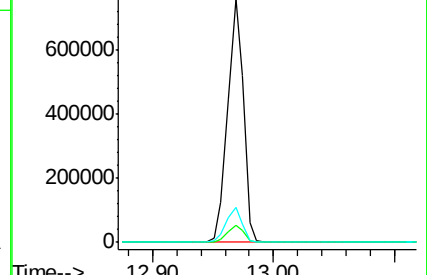
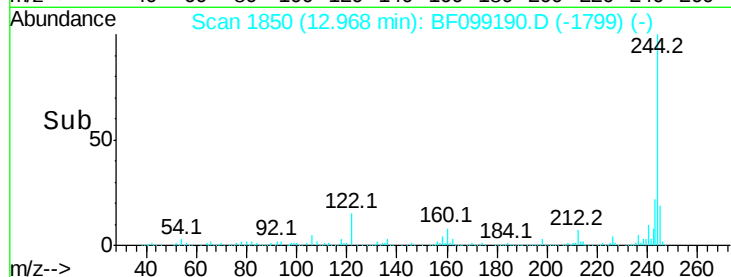
122 14.5 11.0 16.4



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: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BF099190.D

Acq: 7 Oct 2017 13:18

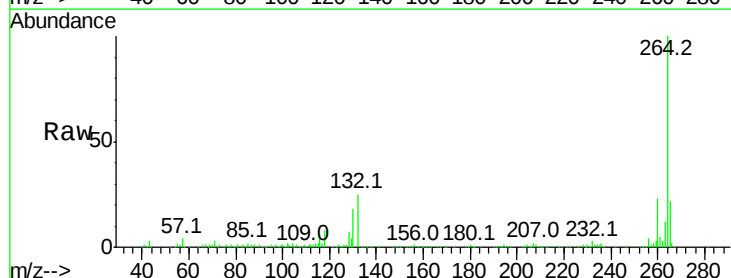
Tgt Ion:264 Resp: 227836

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.6 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

