

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
 Data File : BF092766.D
 Acq On : 3 Feb 2017 8:53
 Operator : SJ/MA
 Sample : I1647-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Quant Time: Feb 03 09:51:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	149536	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	563688	20.00	ng	-0.03
38) Acenaphthene-d10	9.98	164	334061	20.00	ng	-0.02
63) Phenanthrene-d10	11.46	188	452651	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	355134	20.00	ng	-0.05
86) Perylene-d12	15.56	264	313698	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	177719	20.39	ng	-0.03
7) Phenol-d6	6.57	99	145814	13.00	ng	-0.03
23) Nitrobenzene-d5	7.49	82	277621	27.43	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	86299	35.72	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	551745	29.92	ng	-0.03
78) Terphenyl-d14	13.05	244	432301	28.60	ng	-0.03

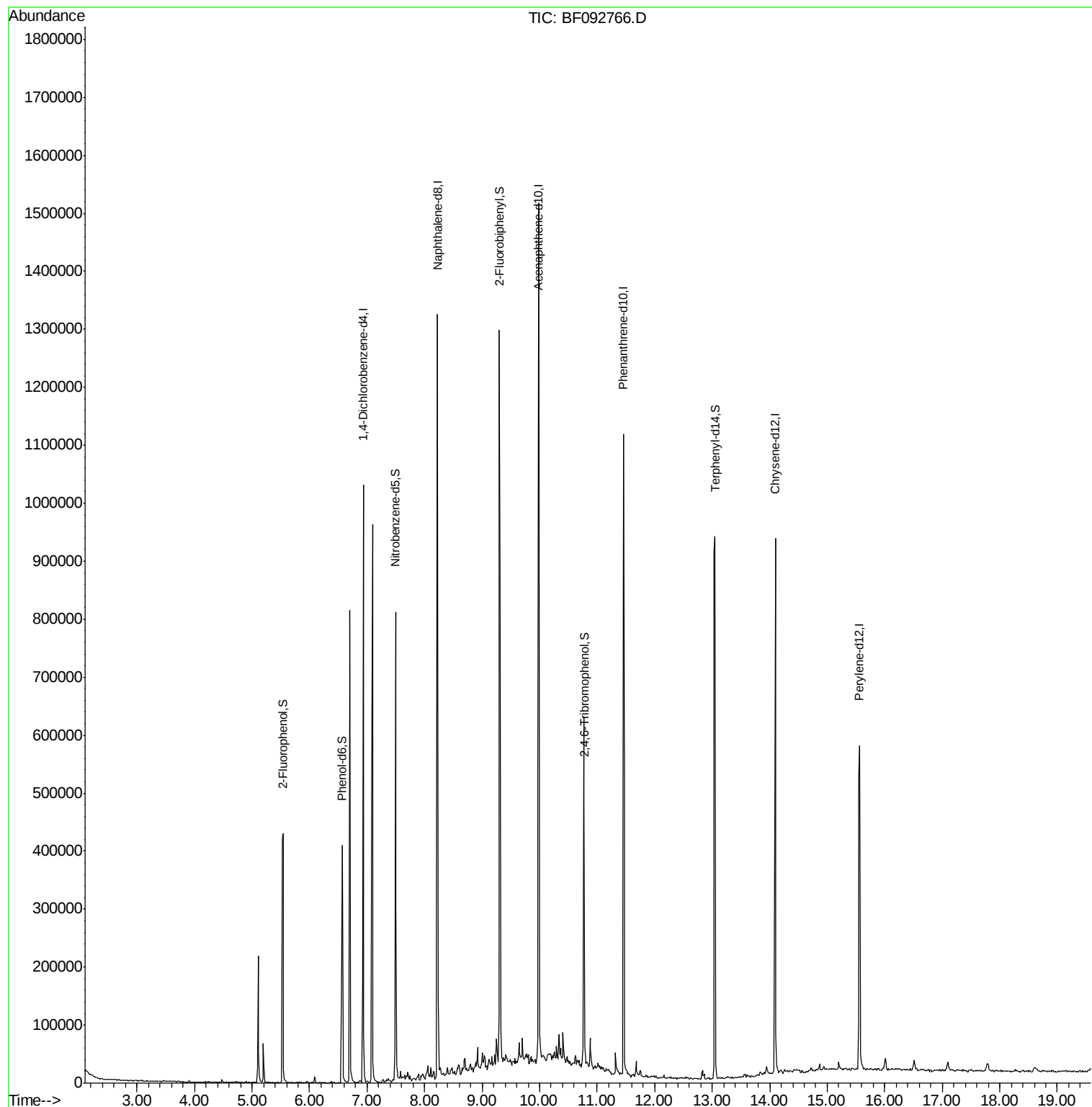
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
Data File : BF092766.D
Acq On : 3 Feb 2017 8:53
Operator : SJ/MA
Sample : I1647-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-20

Quant Time: Feb 03 09:51:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF092766.D

Acq: 3 Feb 2017 8:53

Instrument :

BNA_F

ClientSampleId :

MW-20

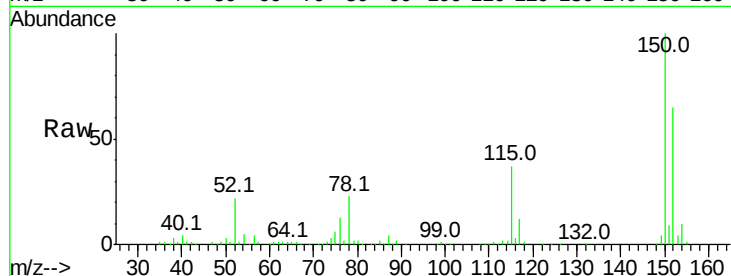
Tot Ion:152 Resp: 149536

Ion Ratio Lower Upper

152 100

150 154.9 124.9 187.3

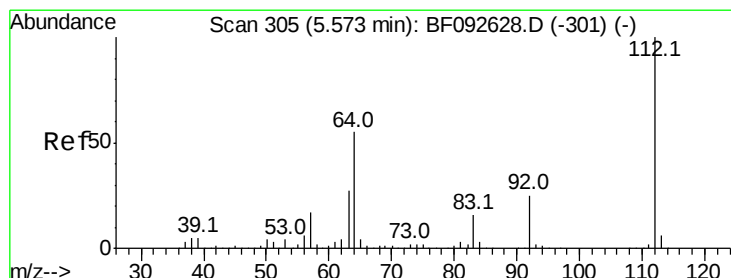
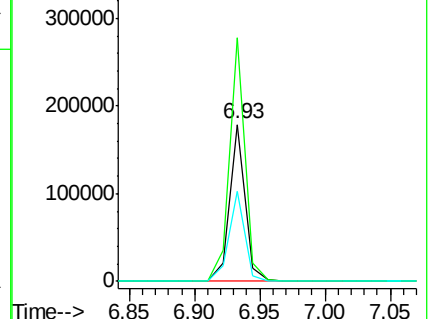
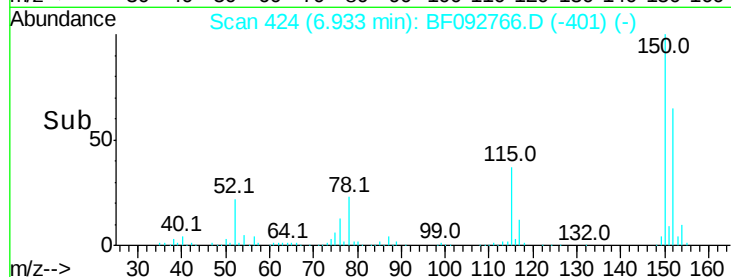
115 57.2 46.0 69.0



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: 20.39 ng

RT: 5.54 min Scan# 302

Delta R.T. -0.03 min

Lab File: BF092766.D

Acq: 3 Feb 2017 8:53

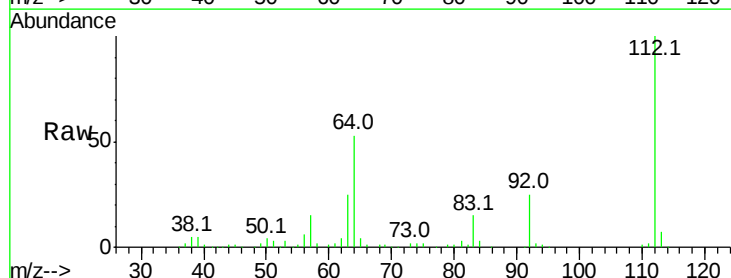
Tgt Ion:112 Resp: 177719

Ion Ratio Lower Upper

112 100

64 53.0 46.1 69.1

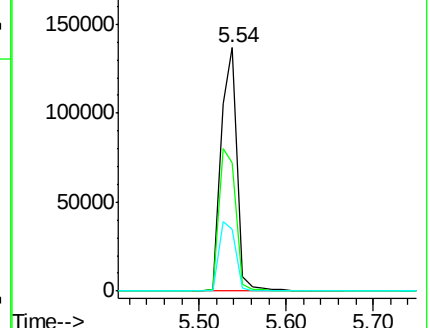
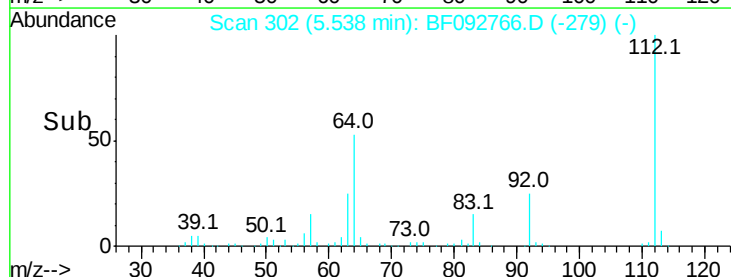
63 25.4 23.8 35.6

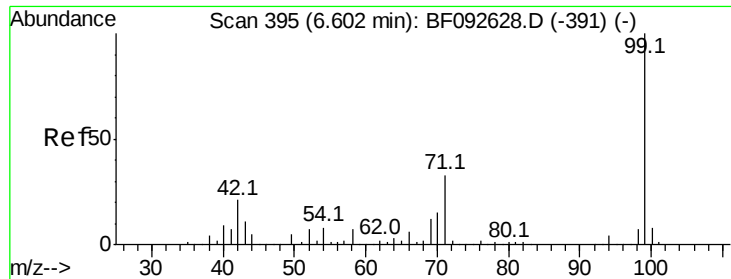


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 13.00 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF092766.D

Acq: 3 Feb 2017 8:53

Instrument :

BNA_F

ClientSampleId :

MW-20

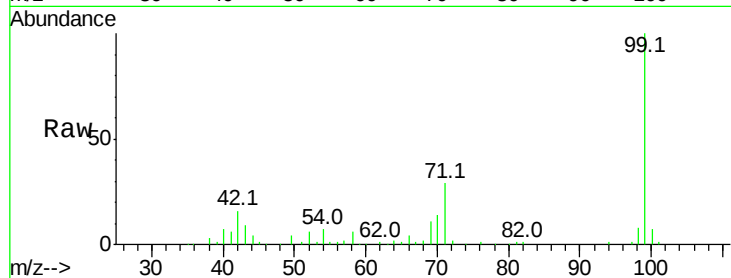
Tot Ion: 99 Resp: 145814

Ion Ratio Lower Upper

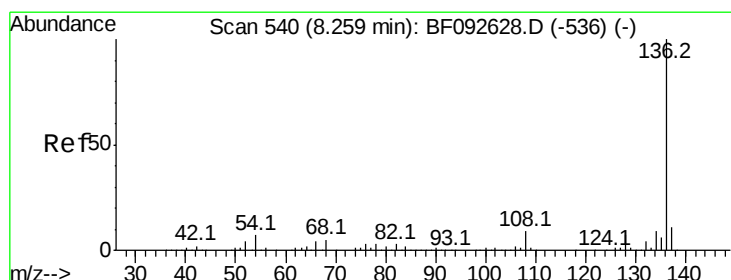
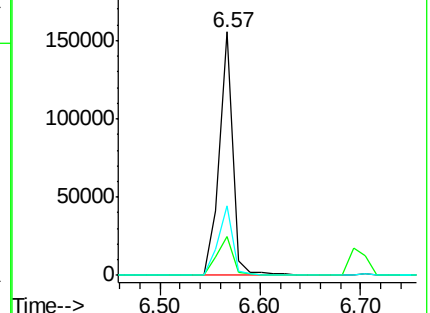
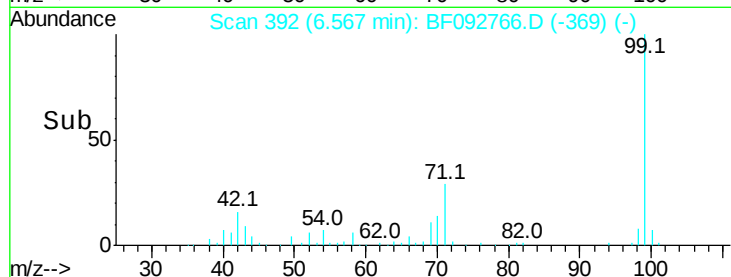
99 100

42 16.2 15.6 23.4

71 28.7 27.5 41.3



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: 8.22 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF092766.D

Acq: 3 Feb 2017 8:53

Tgt Ion: 136 Resp: 563688

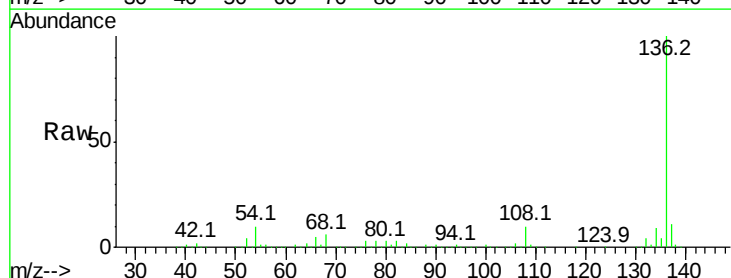
Ion Ratio Lower Upper

136 100

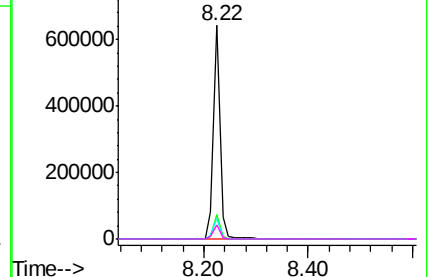
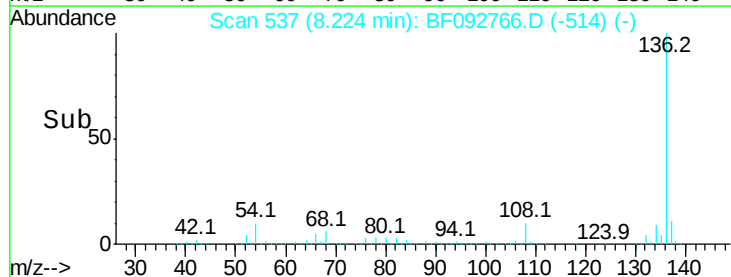
137 11.2 8.4 12.6

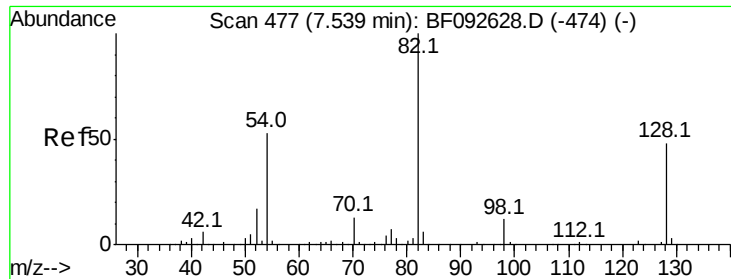
54 9.9 4.5 6.7#

68 6.4 3.6 5.4#



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

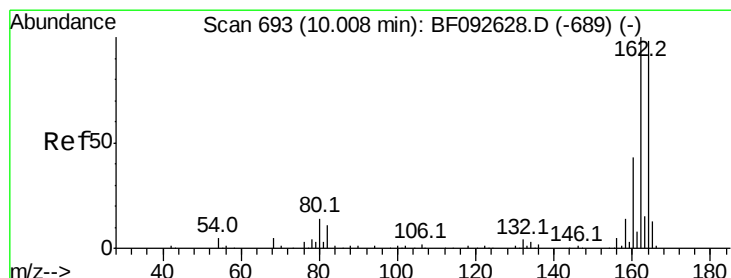
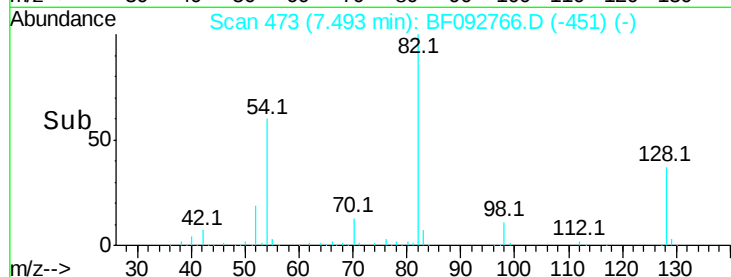
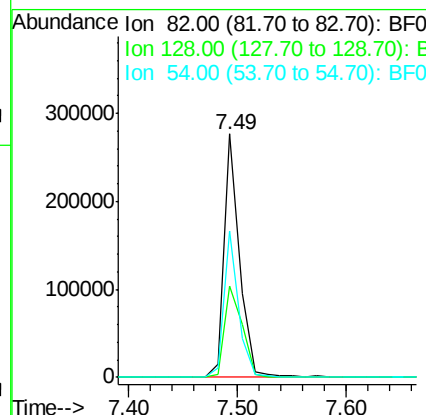
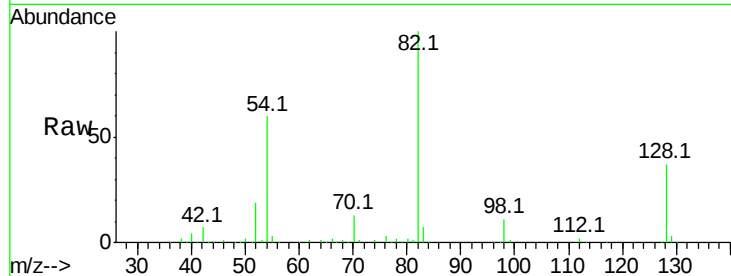




#23
 Nitrobenzene-d5
 Concen: 27.43 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.05 min
 Lab File: BF092766.D
 Acq: 3 Feb 2017 8:53

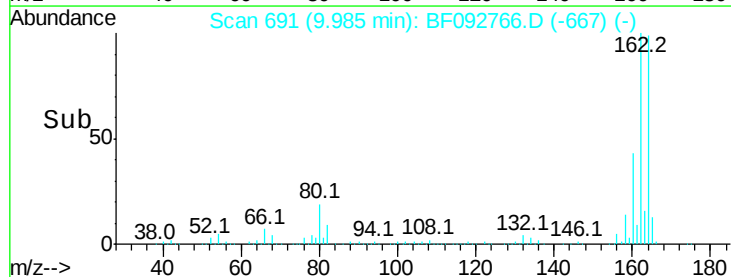
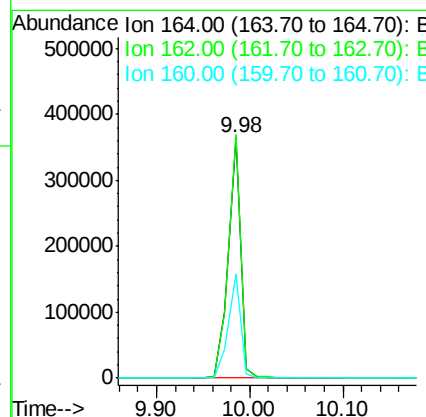
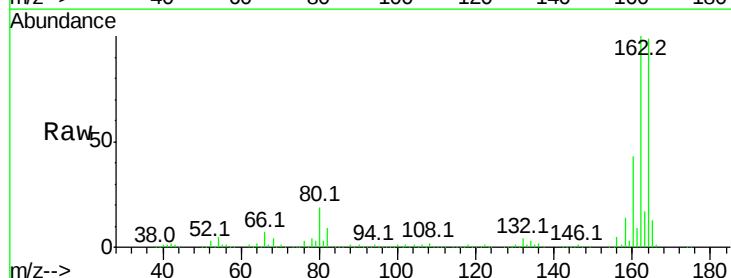
Instrument :
 BNA_F
 ClientSampled :
 MW-20

Tot Ion: 82 Resp: 277621
 Ion Ratio Lower Upper
 82 100
 128 37.5 34.6 52.0
 54 60.0 39.5 59.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF092766.D
 Acq: 3 Feb 2017 8:53

Tgt Ion:164 Resp: 334061
 Ion Ratio Lower Upper
 164 100
 162 101.2 80.2 120.2
 160 43.2 36.9 55.3

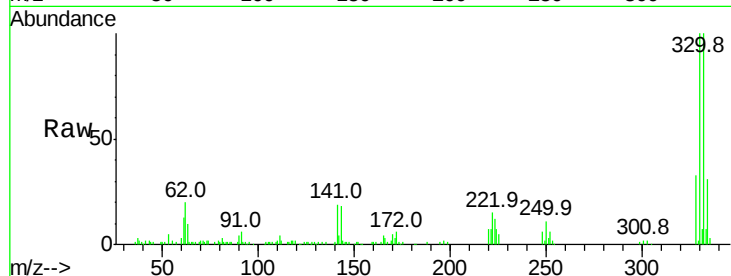




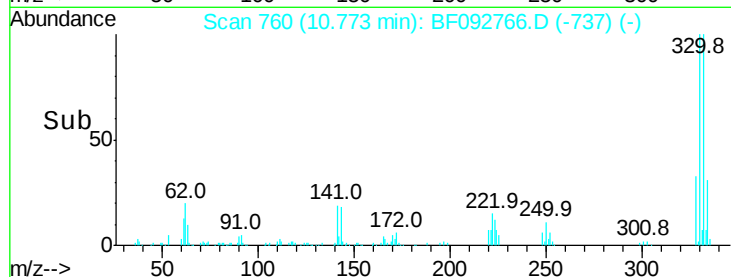
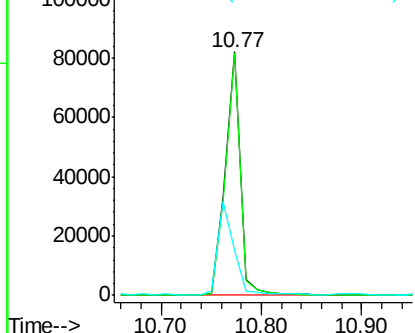
#41
 2,4,6-Tribromophenol
 Concen: 35.72 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092766.D
 Acq: 3 Feb 2017 8:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Tot Ion:330 Resp: 86299
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 42.7 34.1 51.1

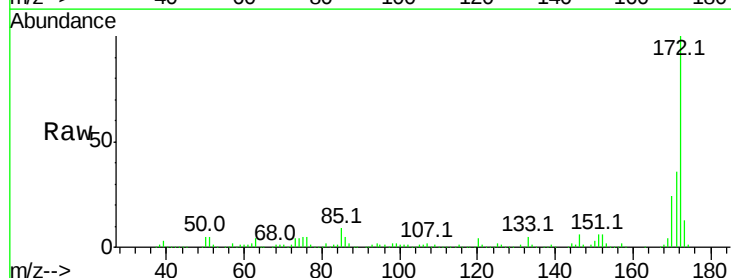


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

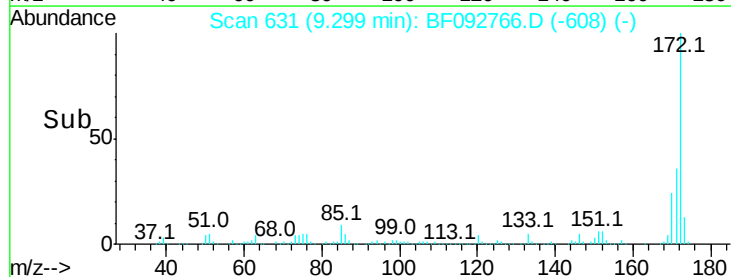
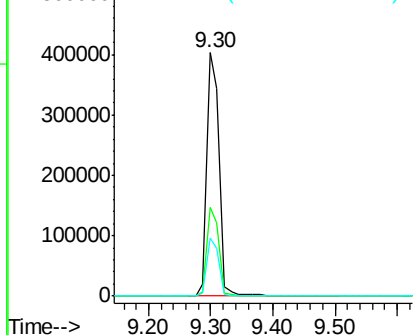


#44
 2-Fluorobiphenyl
 Concen: 29.92 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF092766.D
 Acq: 3 Feb 2017 8:53

Tgt Ion:172 Resp: 551745
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 23.7 20.2 30.4



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

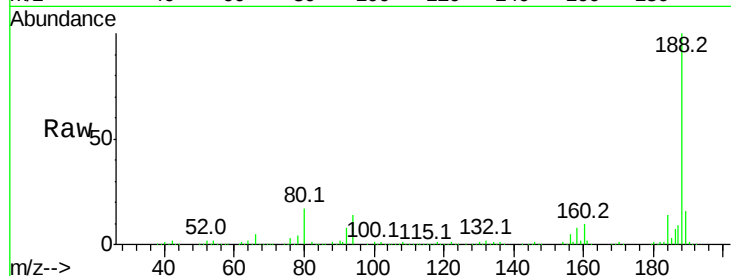




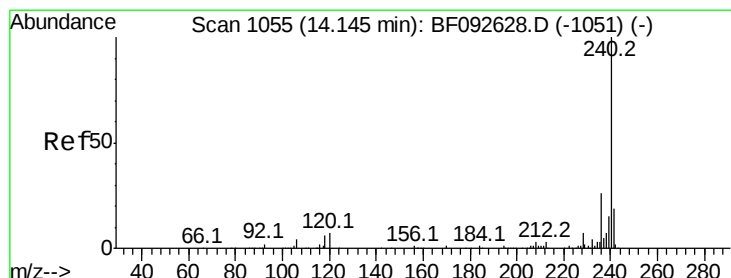
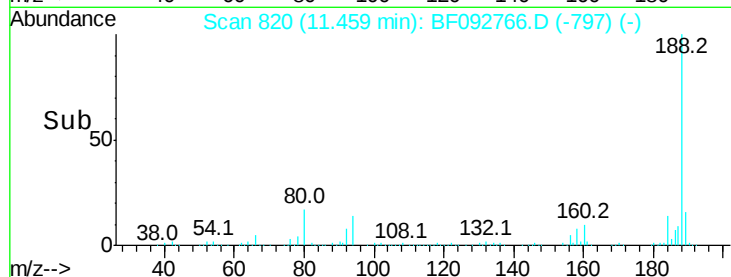
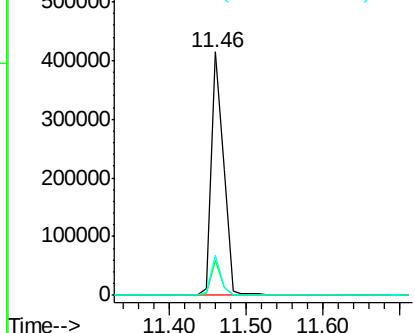
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF092766.D
Acq: 3 Feb 2017 8:53

Instrument :
BNA_F
ClientSampled :
MW-20

Tot Ion:188 Resp: 452651
Ion Ratio Lower Upper
188 100
94 14.3 10.0 15.0
80 16.6 11.2 16.8

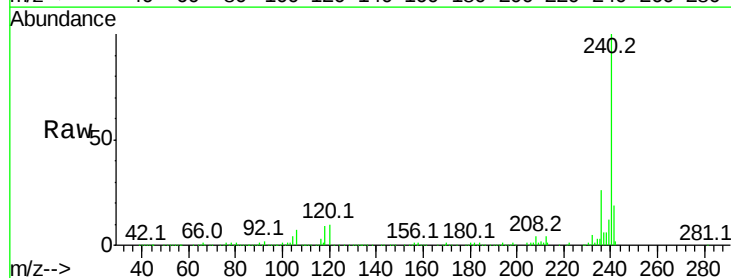


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

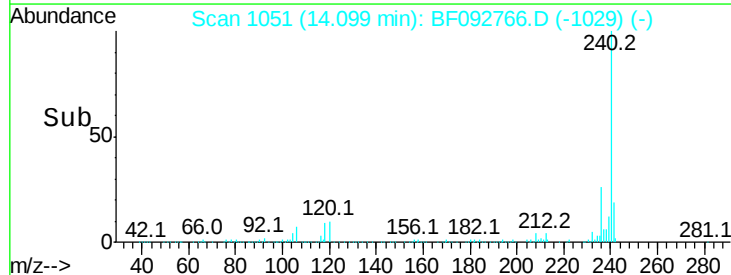
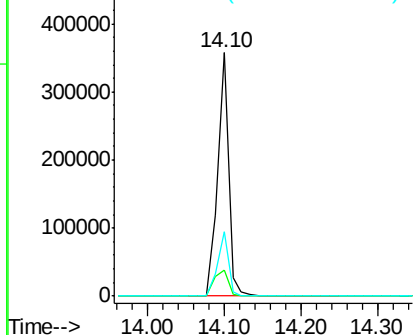


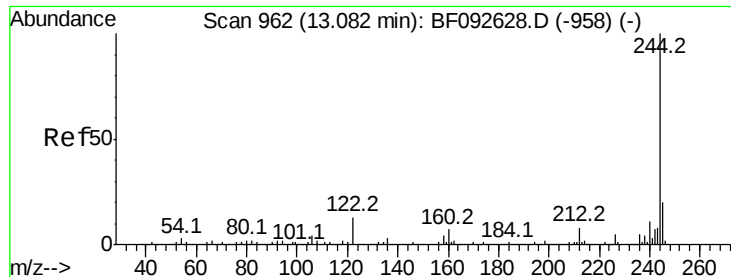
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.10 min Scan# 1051
Delta R.T. -0.05 min
Lab File: BF092766.D
Acq: 3 Feb 2017 8:53

Tgt Ion:240 Resp: 355134
Ion Ratio Lower Upper
240 100
120 10.5 12.9 19.3#
236 26.2 20.9 31.3



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: 28.60 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092766.D

Acq: 3 Feb 2017 8:53

Instrument :

BNA_F

ClientSampleId :

MW-20

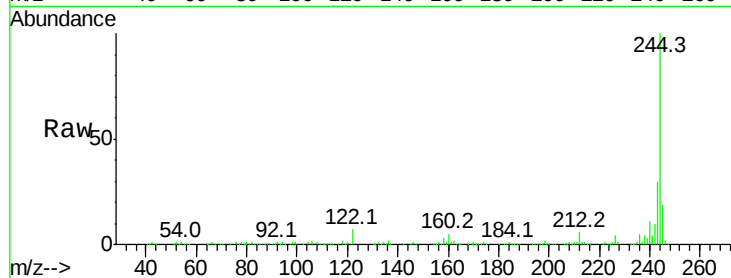
Tot Ion:244 Resp: 432301

Ion Ratio Lower Upper

244 100

212 6.3 6.2 9.2

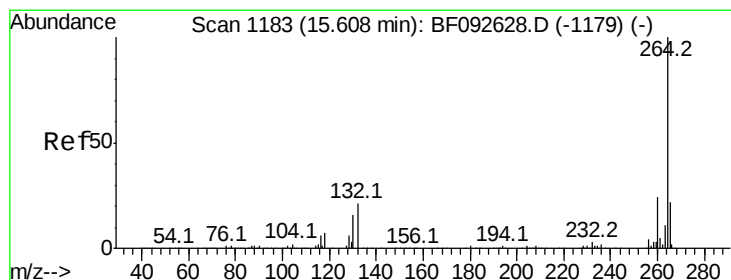
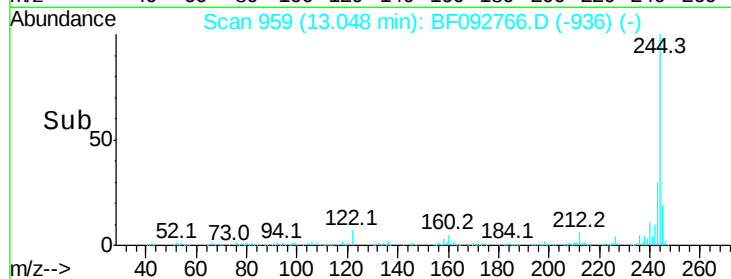
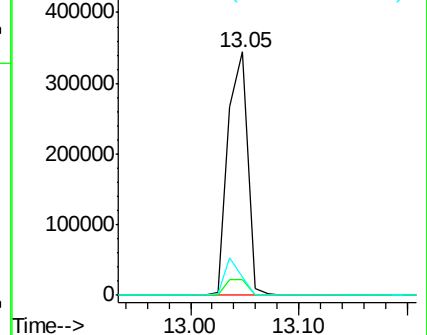
122 7.3 11.4 17.2#



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: 15.56 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF092766.D

Acq: 3 Feb 2017 8:53

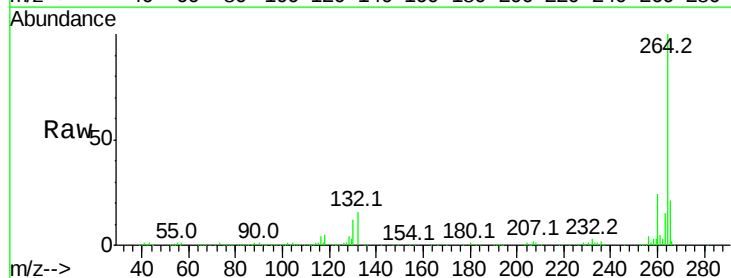
Tgt Ion:264 Resp: 313698

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 20.7 17.4 26.0



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

