

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
 Data File : BF094175.D
 Acq On : 4 Apr 2017 18:58
 Operator : SJ/MA
 Sample : I2516-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Apr 05 01:28:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.87	152	174155	20.00	ng	-0.03
21) Naphthalene-d8	7.37	136	720186	20.00	ng	-0.04
38) Acenaphthene-d10	9.52	164	337268	20.00	ng	-0.04
63) Phenanthrene-d10	11.35	188	618580	20.00	ng	-0.03
75) Chrysene-d12	14.60	240	517697	20.00	ng	-0.03
86) Perylene-d12	16.23	264	374018	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.41	112	309620	30.03	ng	-0.02
7) Phenol-d6	5.47	99	260626	20.43	ng	-0.04
23) Nitrobenzene-d5	6.52	82	1024225	81.16	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	206588	77.51	ng	-0.03
44) 2-Fluorobiphenyl	8.70	172	1808531	81.79	ng	-0.03
78) Terphenyl-d14	13.33	244	1595691	69.09	ng	-0.02

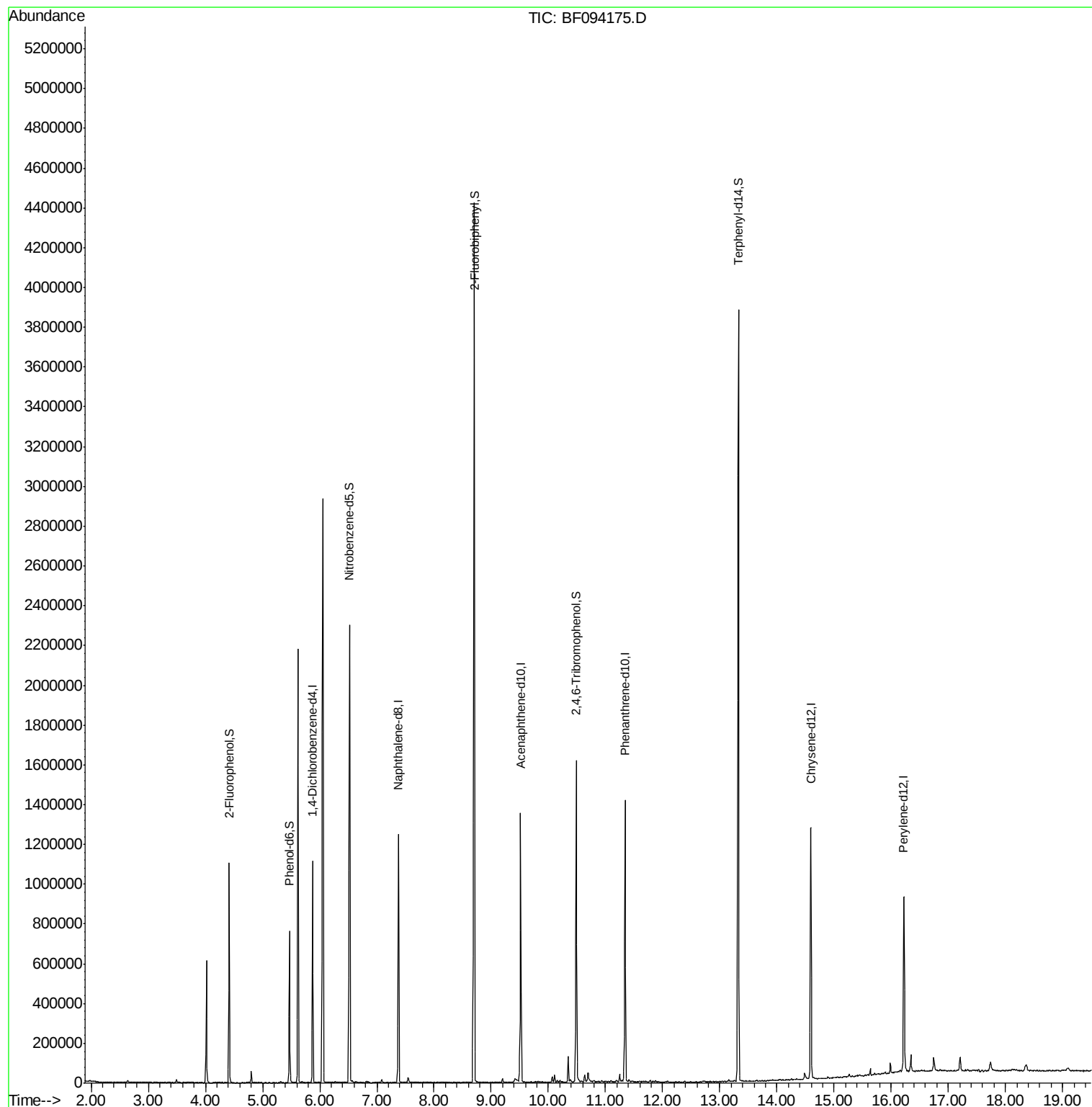
Target Compounds Qvalue

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

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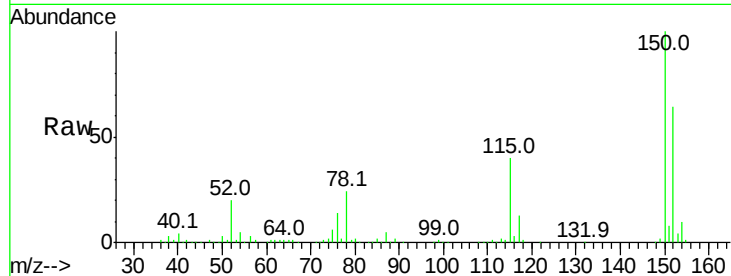


#1

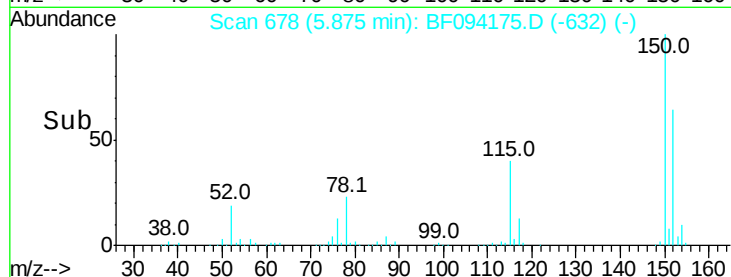
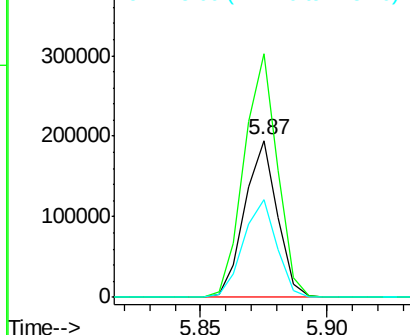
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.87 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF094175.D
Acq: 4 Apr 2017 18:58

Instrument :
BNA_F
ClientSampleId :
MW-2

Tot Ion:152 Resp: 174155
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.2
115 62.8 52.2 78.2



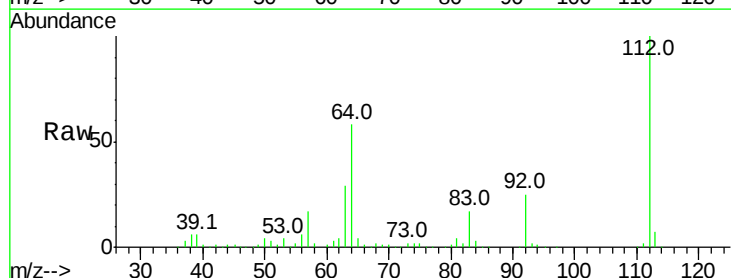
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



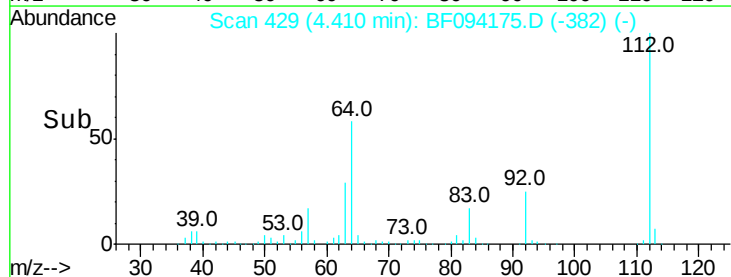
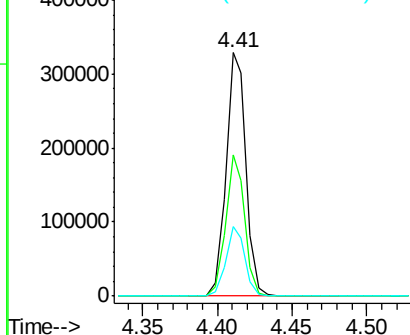
#5

2-Fluorophenol
Concen: 30.03 ng
RT: 4.41 min Scan# 429
Delta R.T. -0.02 min
Lab File: BF094175.D
Acq: 4 Apr 2017 18:58

Tgt Ion:112 Resp: 309620
Ion Ratio Lower Upper
112 100
64 58.1 46.0 69.0
63 28.5 23.4 35.0



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: 20.43 ng

RT: 5.47 min Scan# 609

Delta R.T. -0.04 min

Lab File: BF094175.D

Acq: 4 Apr 2017 18:58

Instrument :

BNA_F

ClientSampleId :

MW-2

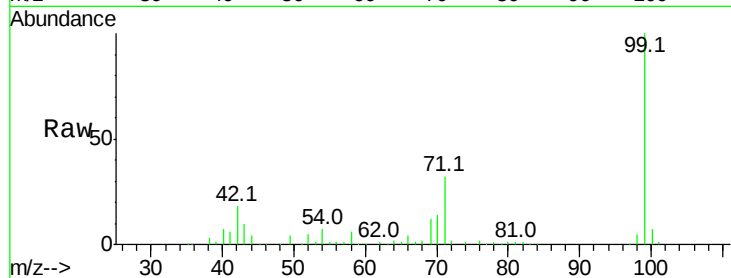
Tot Ion: 99 Resp: 260626

Ion Ratio Lower Upper

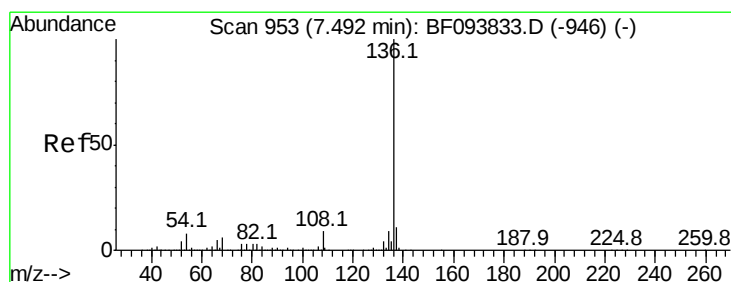
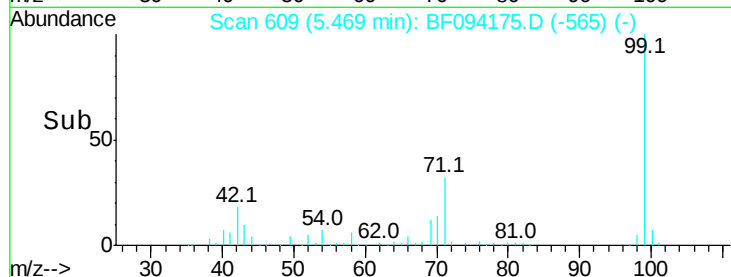
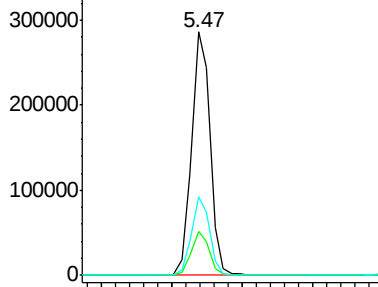
99 100

42 18.1 13.5 20.3

71 32.0 24.5 36.7



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: 7.37 min Scan# 933

Delta R.T. -0.04 min

Lab File: BF094175.D

Acq: 4 Apr 2017 18:58

Tgt Ion: 136 Resp: 720186

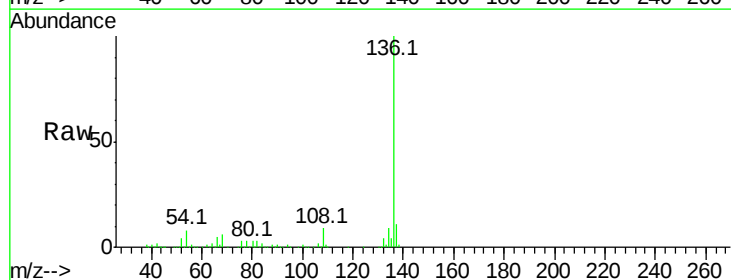
Ion Ratio Lower Upper

136 100

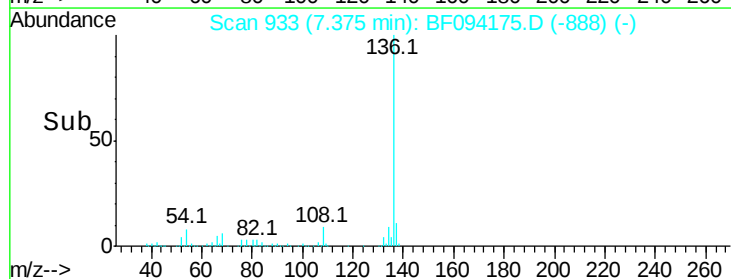
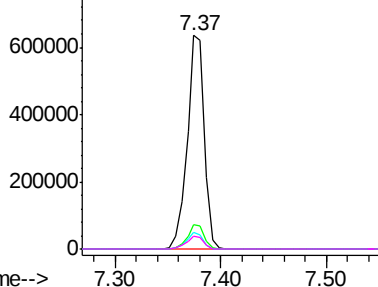
137 11.3 8.5 12.7

54 7.7 4.9 7.3#

68 6.0 4.1 6.1



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

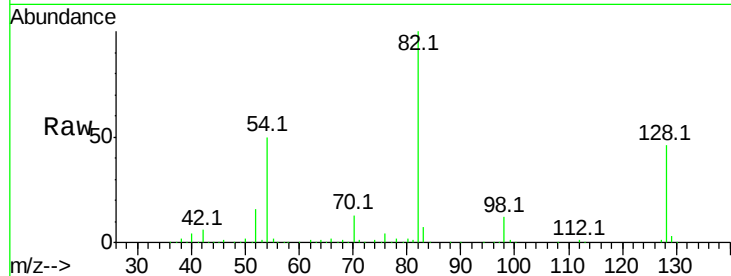




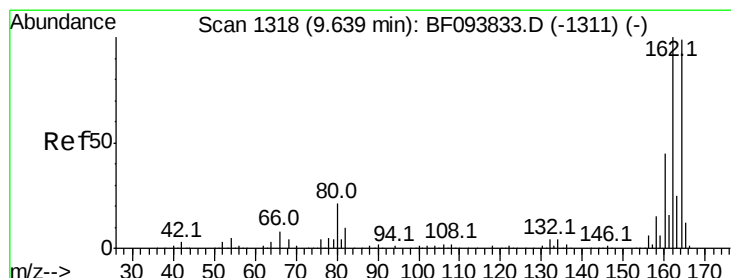
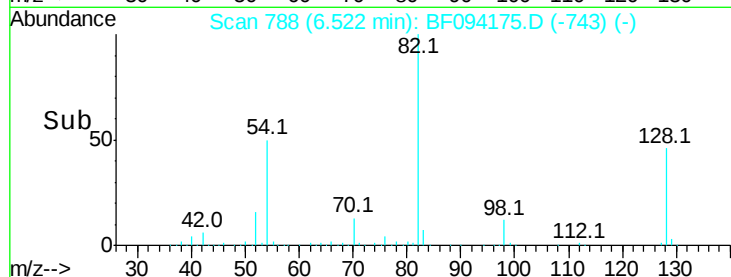
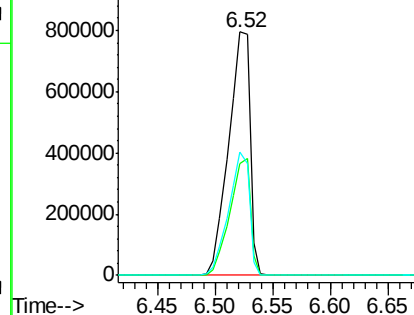
#23
 Nitrobenzene-d5
 Concen: 81.16 ng
 RT: 6.52 min Scan# 788
 Delta R.T. -0.04 min
 Lab File: BF094175.D
 Acq: 4 Apr 2017 18:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tot Ion: 82 Resp: 1024225
 Ion Ratio Lower Upper
 82 100
 128 45.9 34.0 51.0
 54 50.4 42.2 63.2

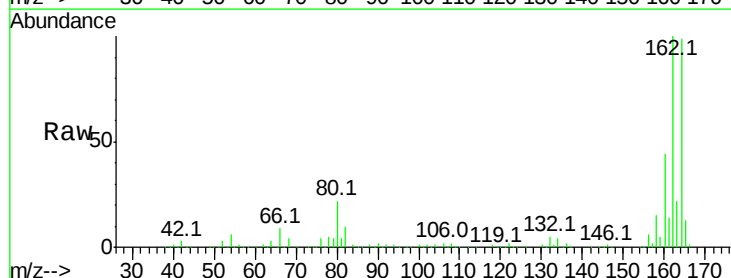


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

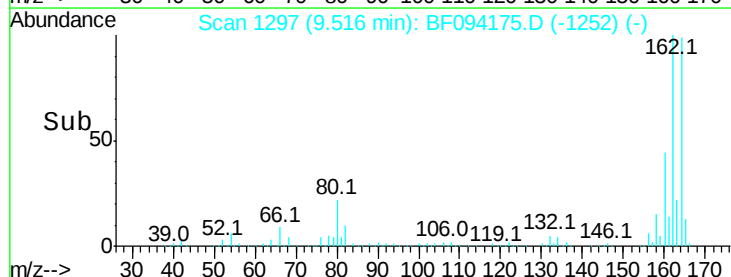
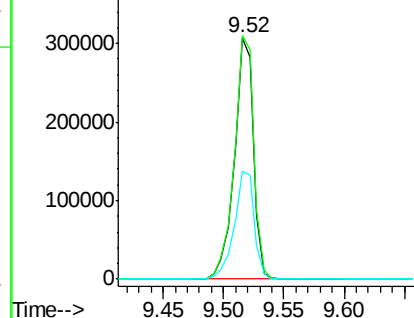


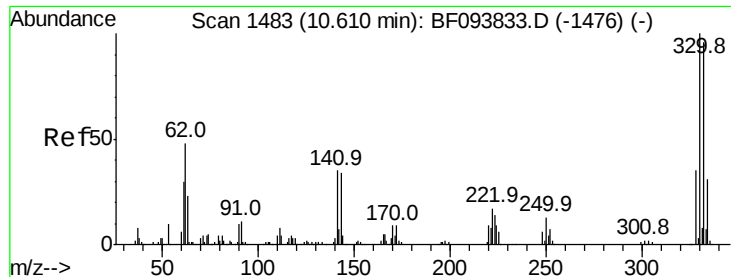
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.04 min
 Lab File: BF094175.D
 Acq: 4 Apr 2017 18:58

Tgt Ion:164 Resp: 337268
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.6 123.8
 160 44.7 36.2 54.2



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

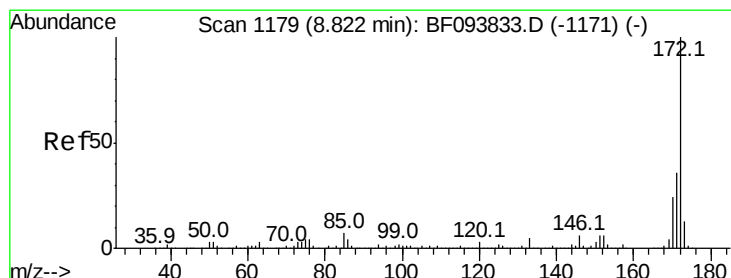
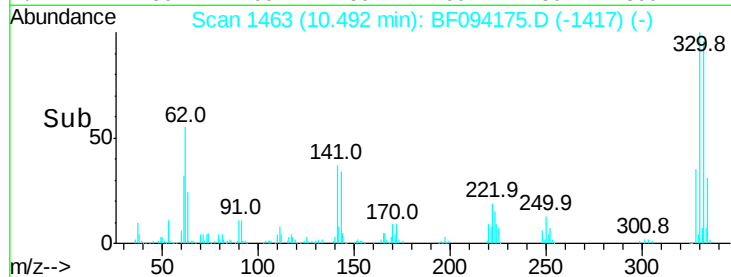
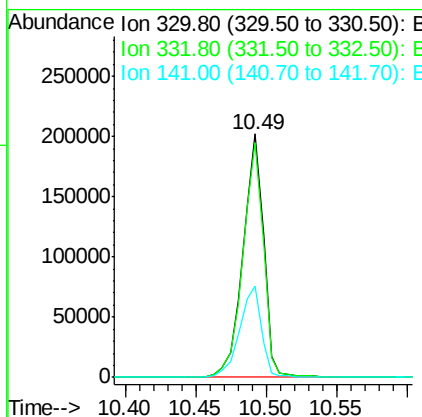
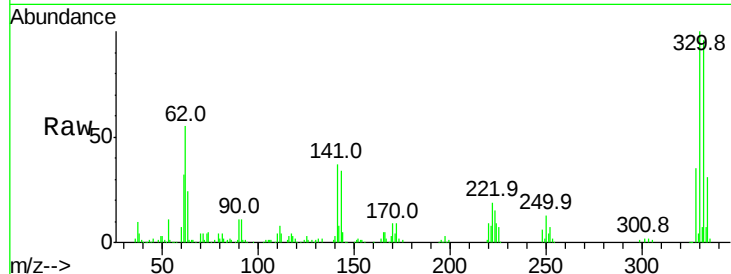




#41
 2,4,6-Tribromophenol
 Concen: 77.51 ng
 RT: 10.49 min Scan# 1463
 Delta R.T. -0.03 min
 Lab File: BF094175.D
 Acq: 4 Apr 2017 18:58

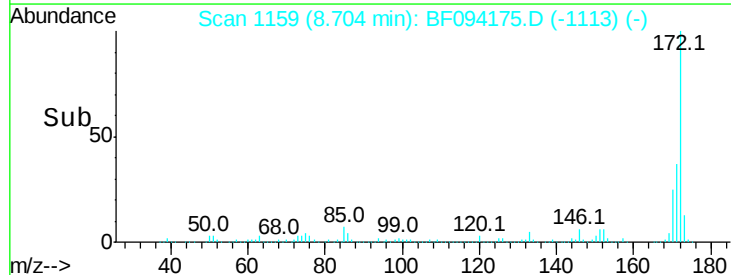
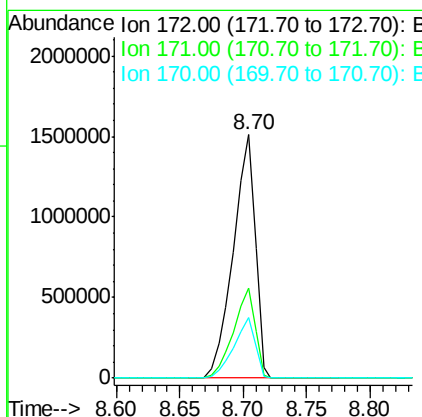
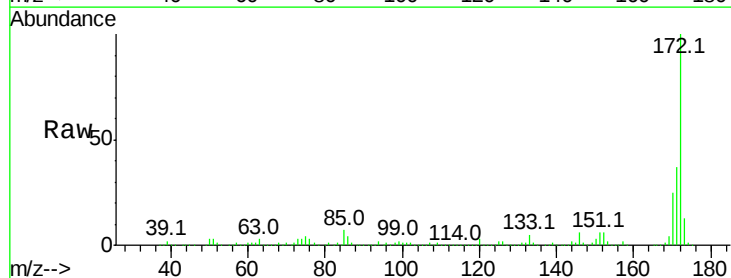
Instrument :
 BNA_F
 ClientSampleId :
 MW-2

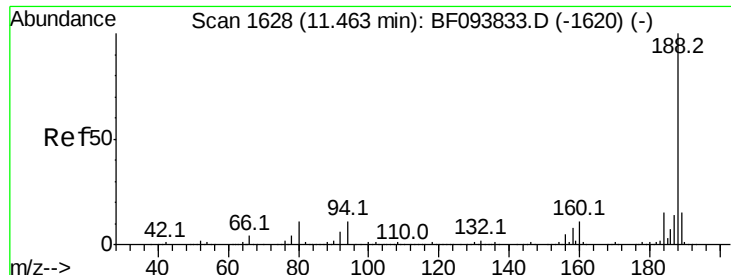
Tot Ion:330 Resp: 206588
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 39.8 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 81.79 ng
 RT: 8.70 min Scan# 1159
 Delta R.T. -0.03 min
 Lab File: BF094175.D
 Acq: 4 Apr 2017 18:58

Tgt Ion:172 Resp: 1808531
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.6 44.4
 170 24.7 19.8 29.8

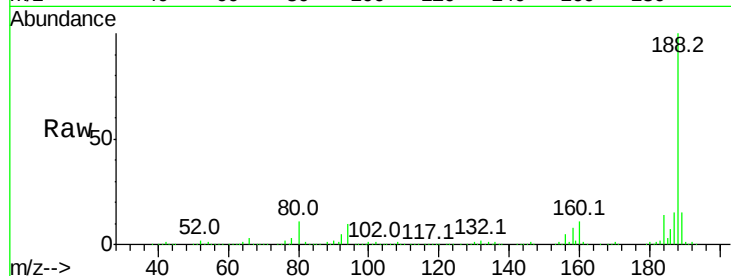




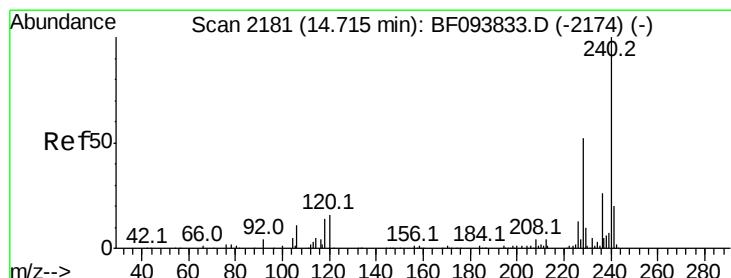
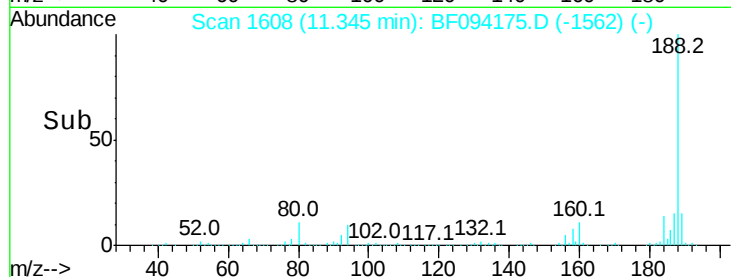
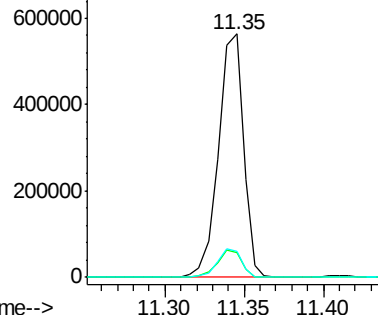
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 1608
Delta R.T. -0.03 min
Lab File: BF094175.D
Acq: 4 Apr 2017 18:58

Instrument :
BNA_F
ClientSampleId :
MW-2

Tot Ion:188 Resp: 618580
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 10.6 10.2 15.2

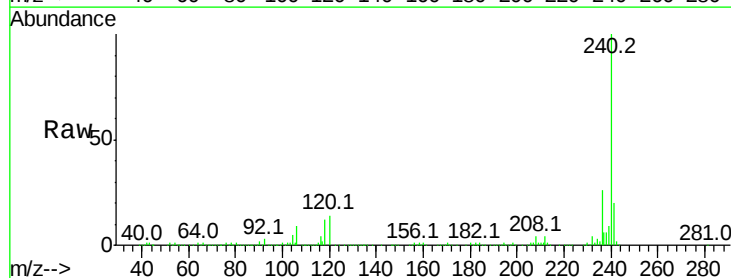


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

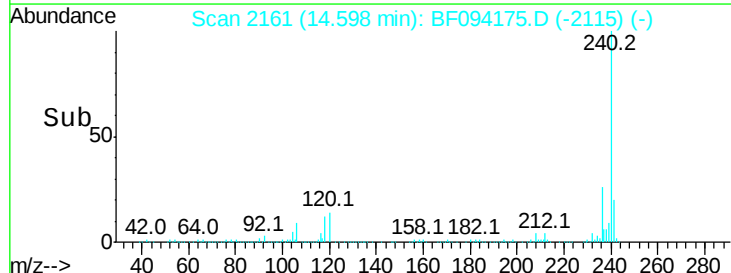
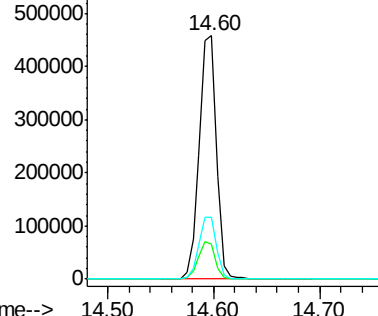


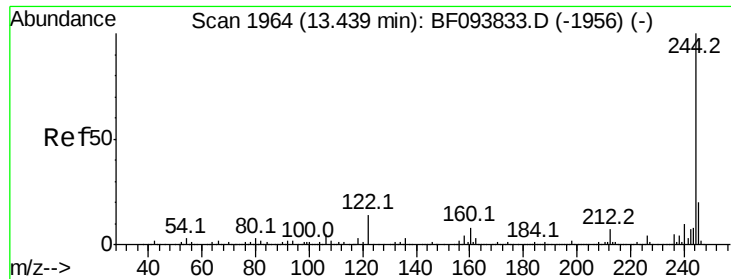
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.60 min Scan# 2161
Delta R.T. -0.03 min
Lab File: BF094175.D
Acq: 4 Apr 2017 18:58

Tgt Ion:240 Resp: 517697
Ion Ratio Lower Upper
240 100
120 14.4 5.8 8.8#
236 25.6 20.5 30.7



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

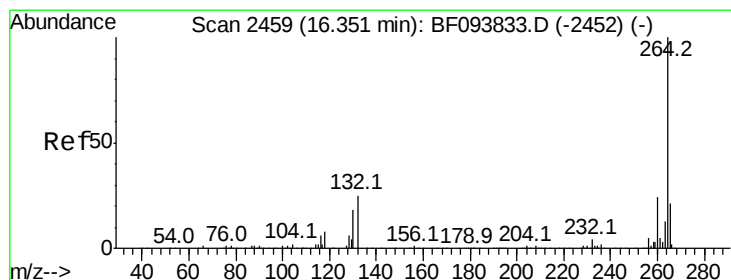
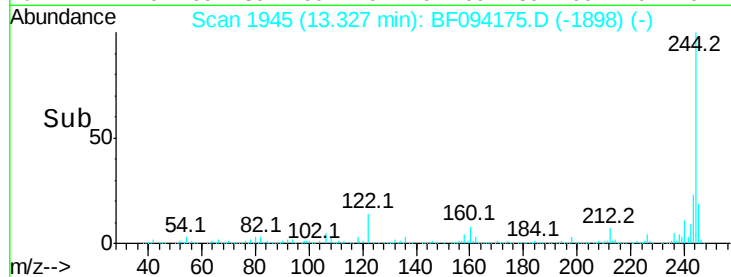
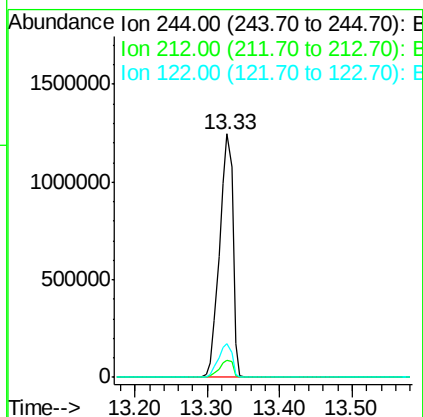
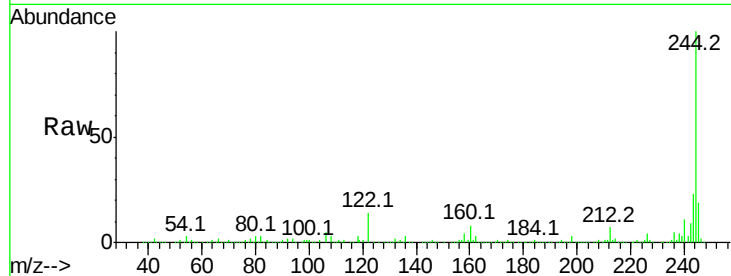




#78
 Terphenyl-d14
 Concen: 69.09 ng
 RT: 13.33 min Scan# 1945
 Delta R.T. -0.02 min
 Lab File: BF094175.D
 Acq: 4 Apr 2017 18:58

Instrument :
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 ClientSampleId :
 MW-2

Tot Ion:244 Resp: 1595691
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.23 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: BF094175.D
 Acq: 4 Apr 2017 18:58

Tgt Ion:264 Resp: 374018
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 21.6 17.2 25.8

