

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094189.D
 Acq On : 5 Apr 2017 15:12
 Operator : SJ/MA
 Sample : PB98041BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98041BL

Quant Time: Apr 06 01:34:41 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	5.86	152	170951	20.00	ng	-0.04
21) Naphthalene-d8	7.36	136	686604	20.00	ng	-0.05
38) Acenaphthene-d10	9.50	164	317210	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	593292	20.00	ng	-0.05
75) Chrysene-d12	14.57	240	511225	20.00	ng	-0.05
86) Perylene-d12	16.20	264	357211	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.41	112	1271553	125.63	ng	-0.02
7) Phenol-d6	5.47	99	1585601	126.63	ng	-0.04
23) Nitrobenzene-d5	6.51	82	988928	82.20	ng	-0.05
41) 2,4,6-Tribromophenol	10.48	330	296763	118.39	ng	-0.04
44) 2-Fluorobiphenyl	8.69	172	1793182	86.22	ng	-0.04
78) Terphenyl-d14	13.32	244	1678461	73.59	ng	-0.04

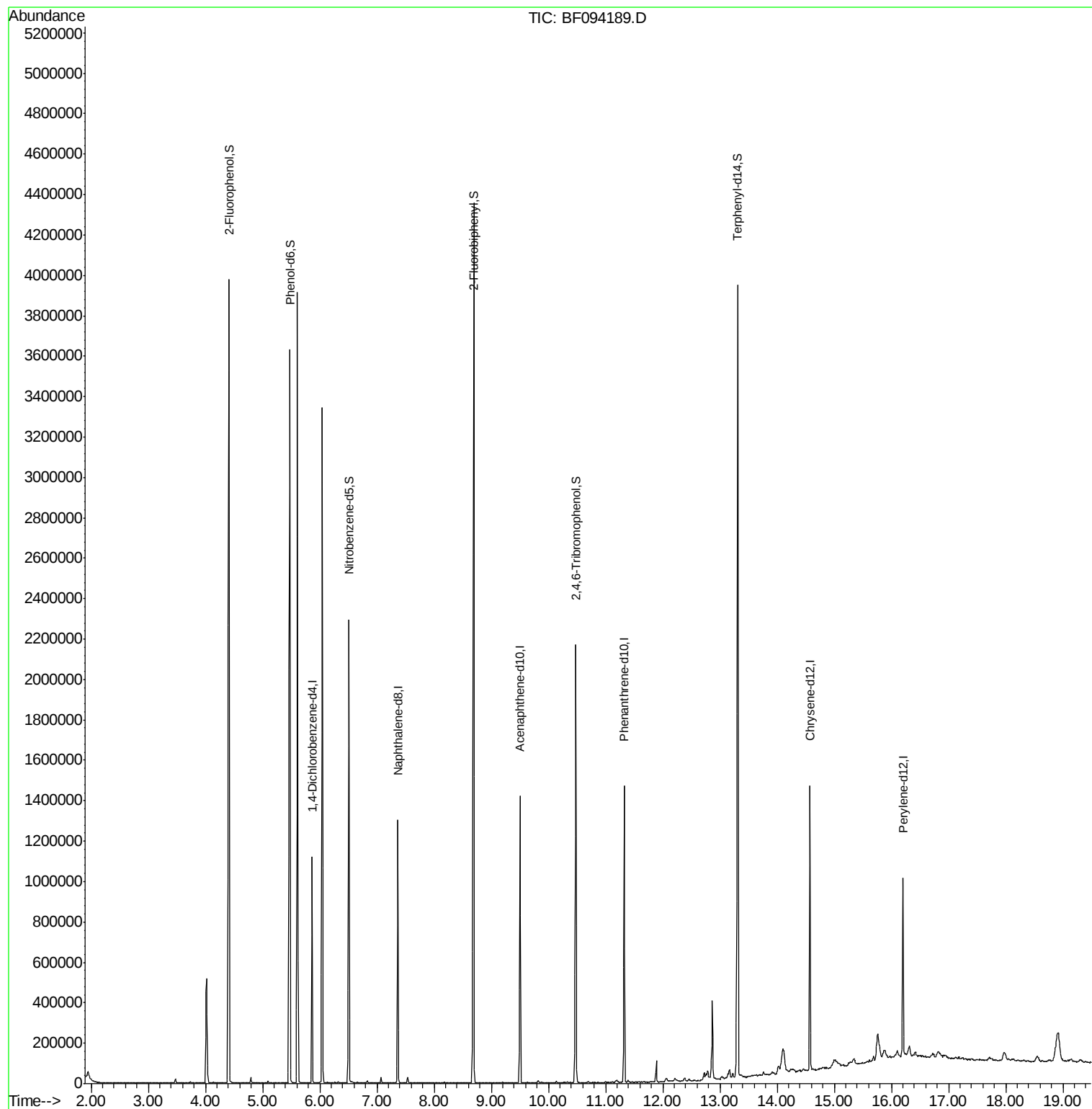
Target Compounds Qvalue

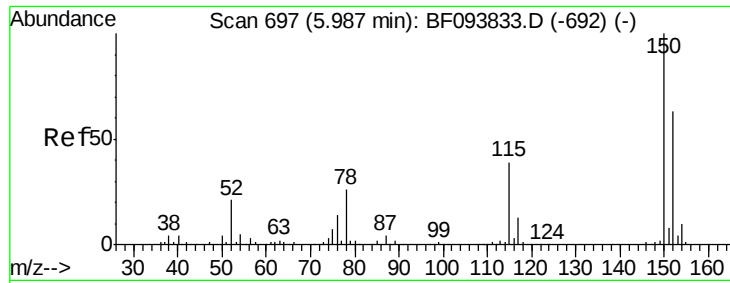
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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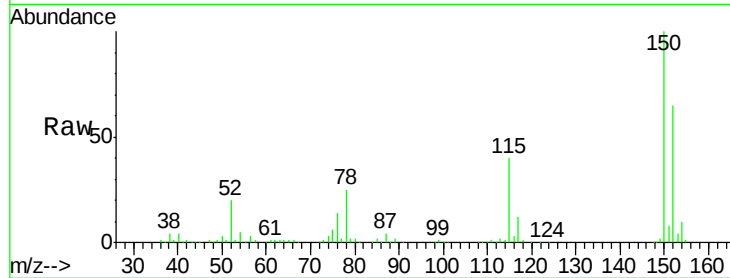


#1

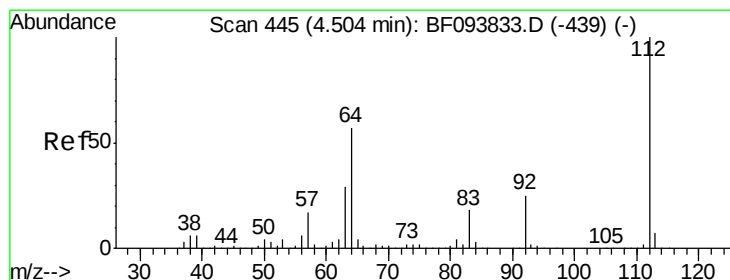
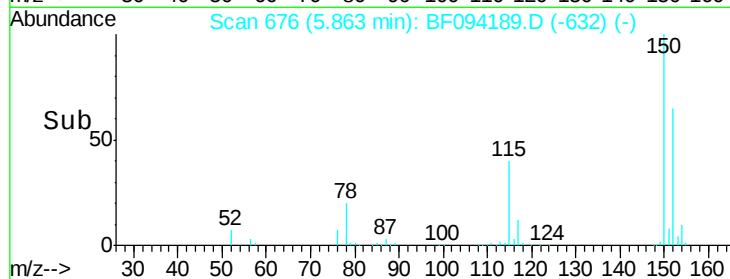
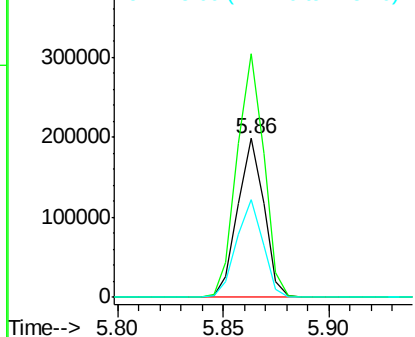
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.86 min Scan# 676
Delta R.T. -0.04 min
Lab File: BF094189.D
Acq: 5 Apr 2017 15:12

Instrument :
BNA_F
ClientSampleId :
PB98041BL

Tot Ion:152 Resp: 170951
Ion Ratio Lower Upper
152 100
150 153.6 126.2 189.2
115 62.0 52.2 78.2



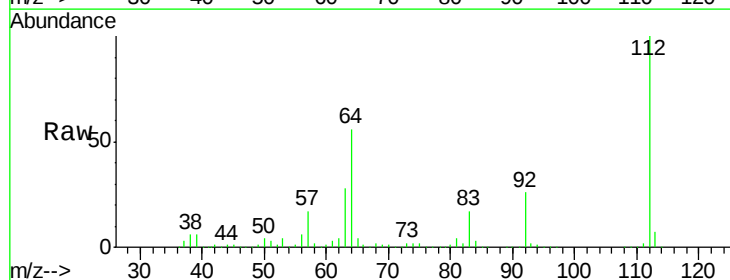
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



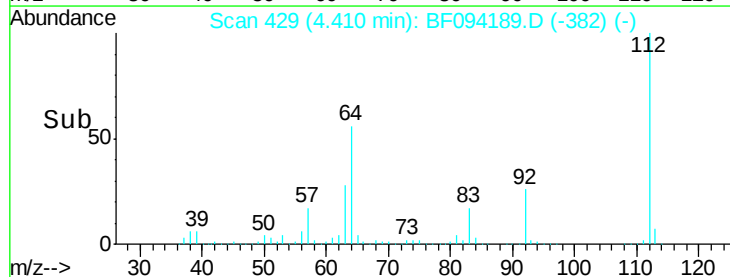
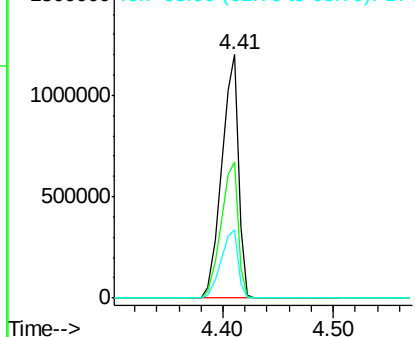
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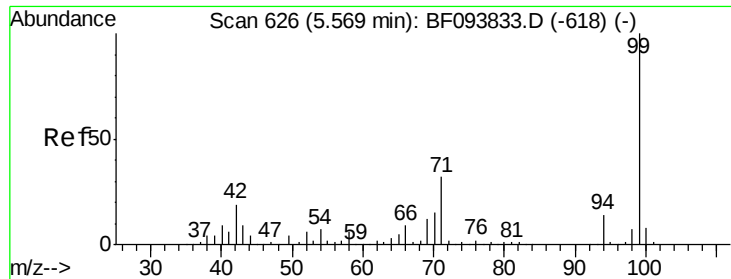
2-Fluorophenol
Concen: 125.63 ng
RT: 4.41 min Scan# 429
Delta R.T. -0.02 min
Lab File: BF094189.D
Acq: 5 Apr 2017 15:12

Tgt Ion:112 Resp: 1271553
Ion Ratio Lower Upper
112 100
64 55.7 46.0 69.0
63 28.0 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: 126.63 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.04 min

Lab File: BF094189.D

Acq: 5 Apr 2017 15:12

Instrument :

BNA_F

ClientSampleId :

PB98041BL

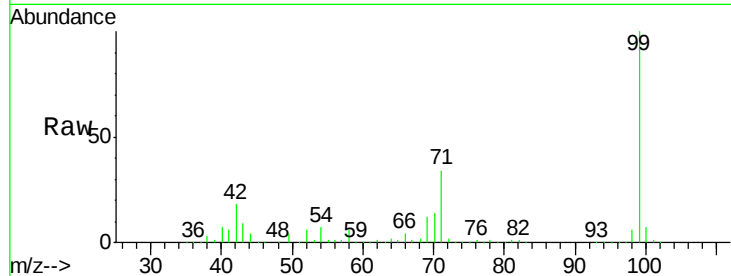
Tot Ion: 99 Resp: 1585601

Ion Ratio Lower Upper

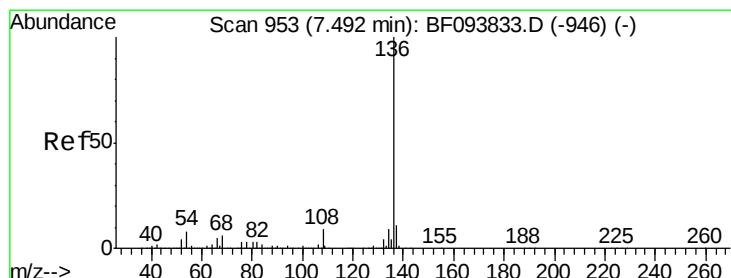
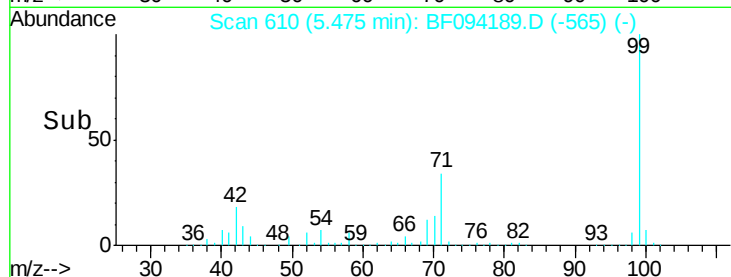
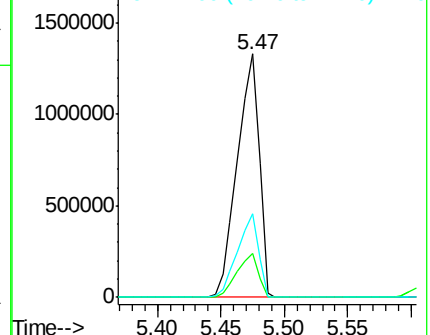
99 100

42 17.9 13.5 20.3

71 34.1 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: 7.36 min Scan# 931

Delta R.T. -0.05 min

Lab File: BF094189.D

Acq: 5 Apr 2017 15:12

Tgt Ion: 136 Resp: 686604

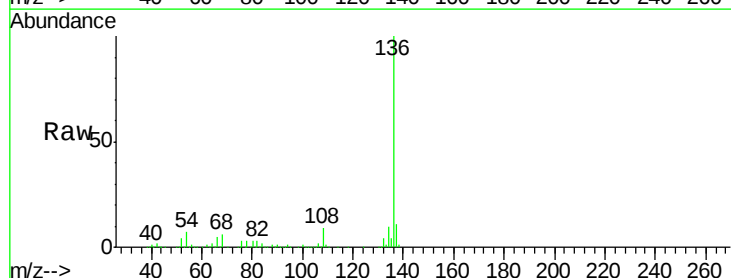
Ion Ratio Lower Upper

136 100

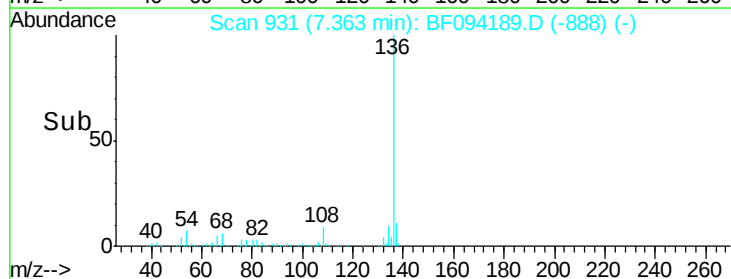
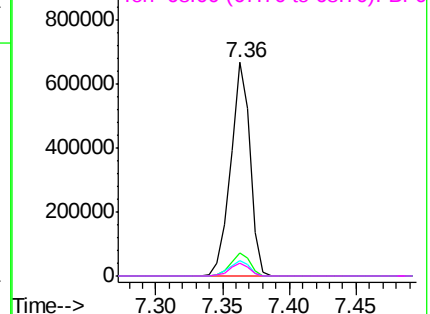
137 10.5 8.5 12.7

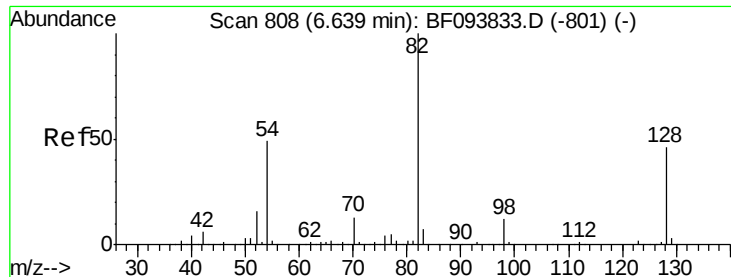
54 7.4 4.9 7.3#

68 6.3 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

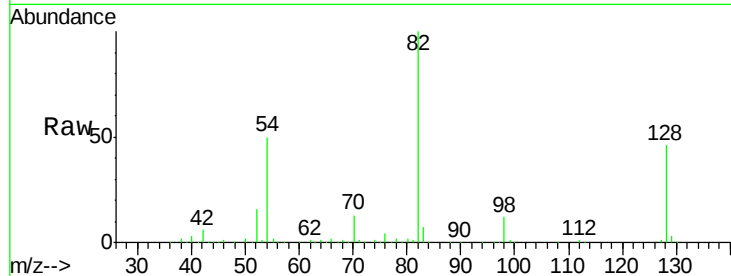




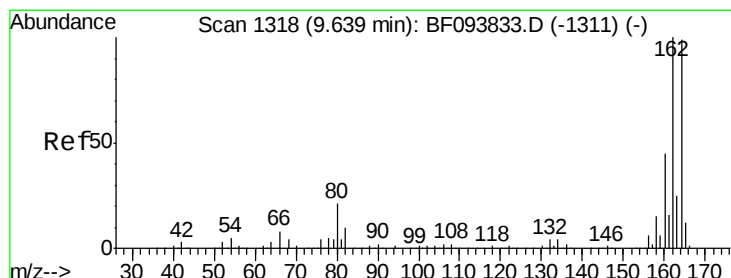
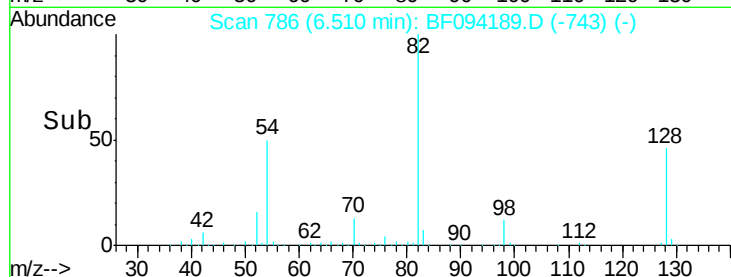
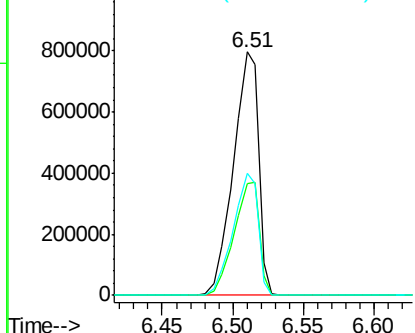
#23
 Nitrobenzene-d5
 Concen: 82.20 ng
 RT: 6.51 min Scan# 786
 Delta R.T. -0.05 min
 Lab File: BF094189.D
 Acq: 5 Apr 2017 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB98041BL

Tot Ion: 82 Resp: 988928
 Ion Ratio Lower Upper
 82 100
 128 45.9 34.0 51.0
 54 49.9 42.2 63.2

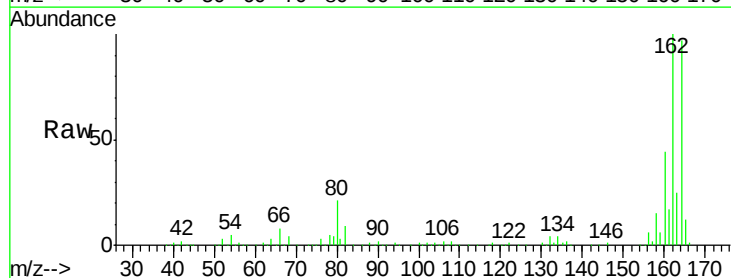


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

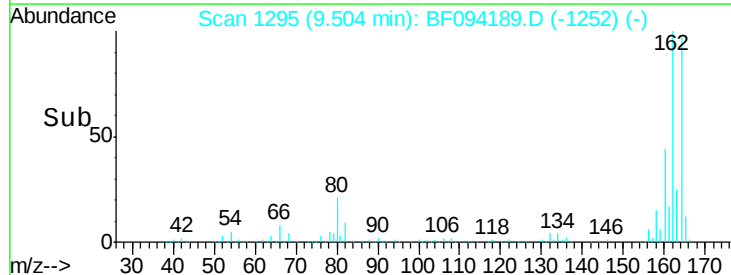
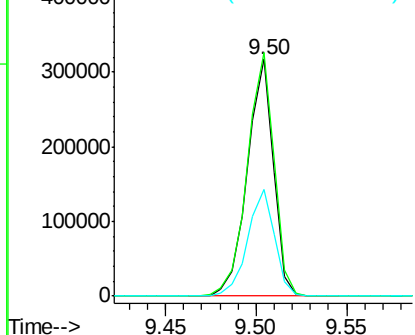


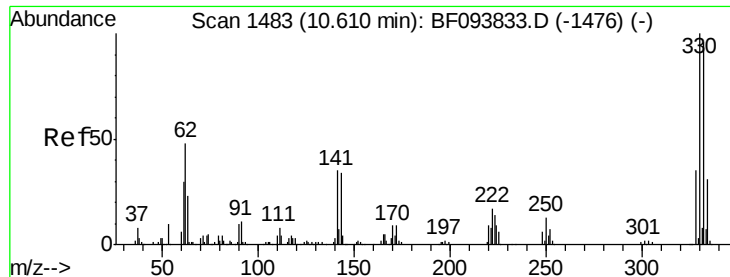
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.05 min
 Lab File: BF094189.D
 Acq: 5 Apr 2017 15:12

Tgt Ion:164 Resp: 317210
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.6 123.8
 160 45.0 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

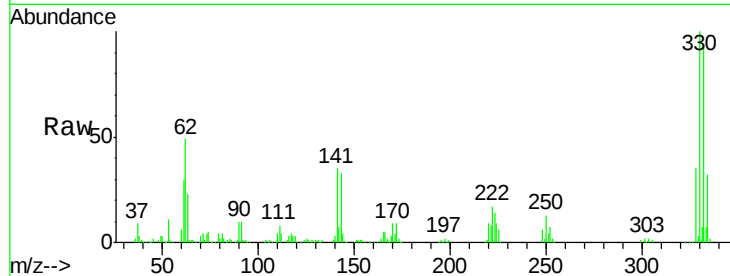




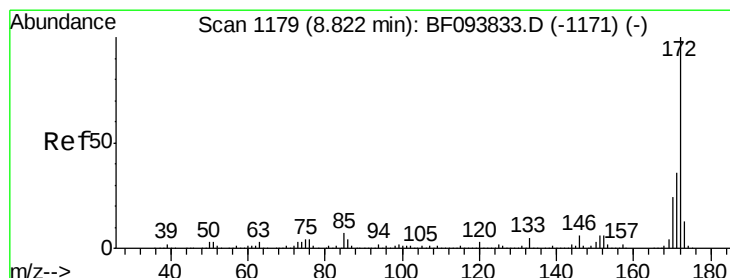
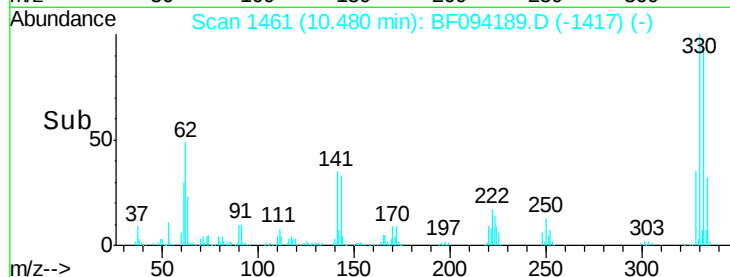
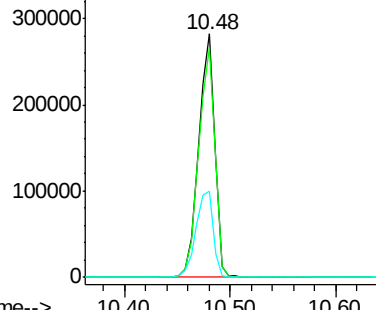
#41
 2,4,6-Tribromophenol
 Concen: 118.39 ng
 RT: 10.48 min Scan# 1461
 Delta R.T. -0.04 min
 Lab File: BF094189.D
 Acq: 5 Apr 2017 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB98041BL

Tot Ion:330 Resp: 296763
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 38.5 31.4 47.2

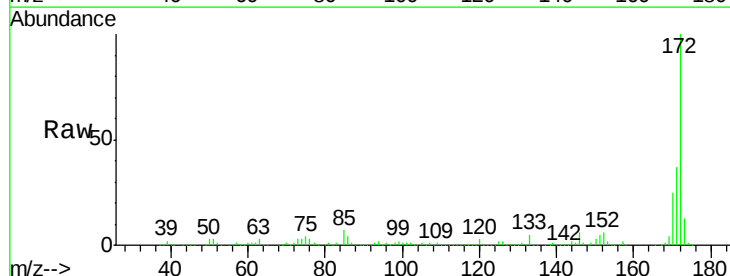


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

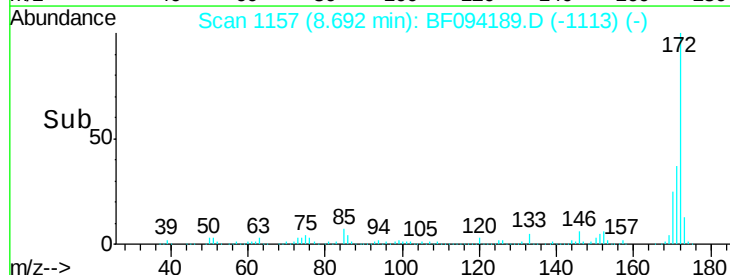
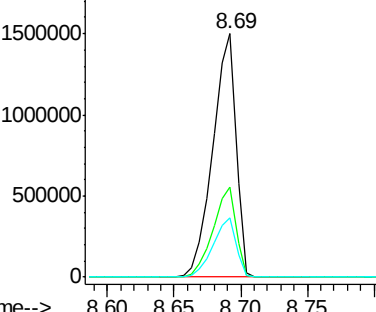


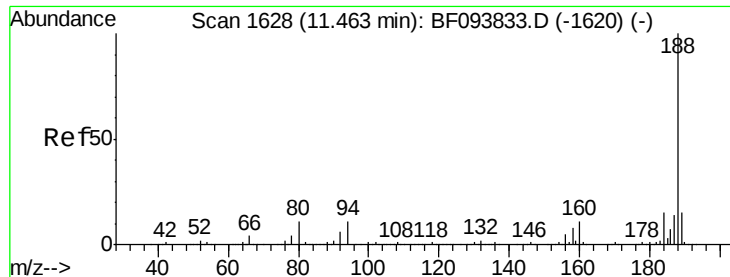
#44
 2-Fluorobiphenyl
 Concen: 86.22 ng
 RT: 8.69 min Scan# 1157
 Delta R.T. -0.04 min
 Lab File: BF094189.D
 Acq: 5 Apr 2017 15:12

Tgt Ion:172 Resp: 1793182
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 24.6 19.8 29.8



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

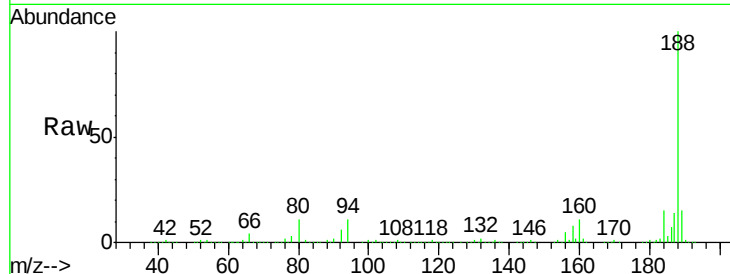




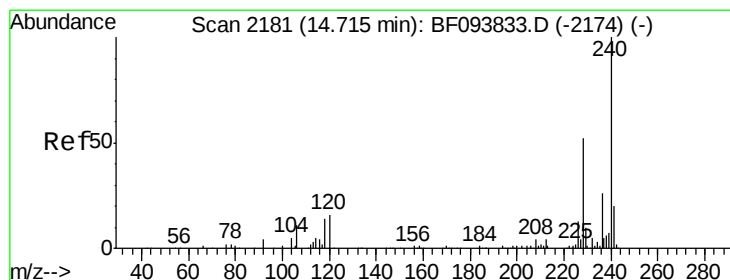
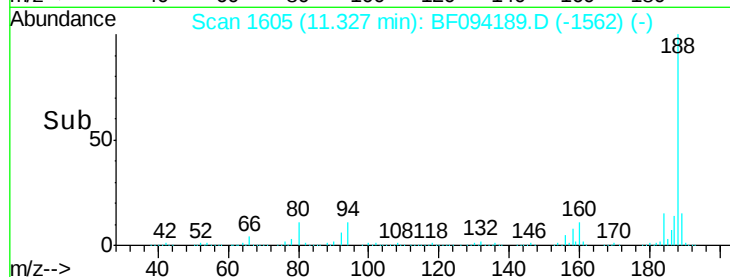
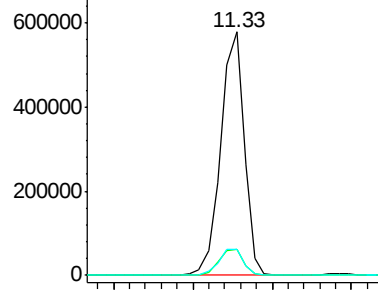
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1605
Delta R.T. -0.05 min
Lab File: BF094189.D
Acq: 5 Apr 2017 15:12

Instrument :
BNA_F
ClientSampleId :
PB98041BL

Tot Ion:188 Resp: 593292
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 10.9 10.2 15.2

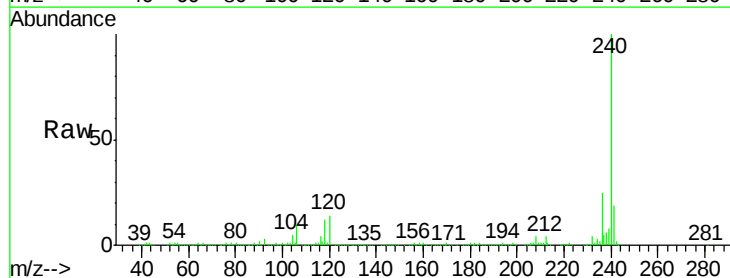


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

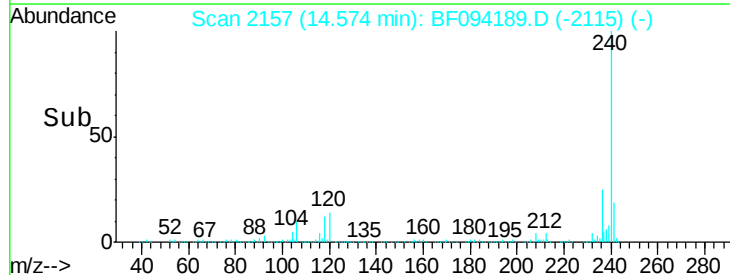
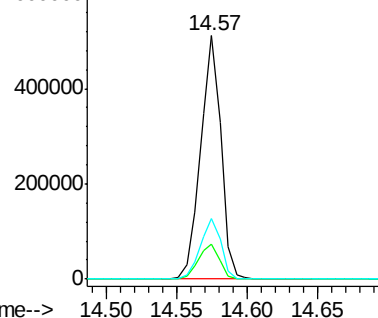


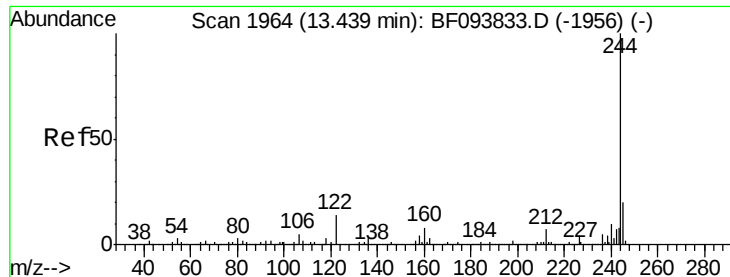
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.57 min Scan# 2157
Delta R.T. -0.05 min
Lab File: BF094189.D
Acq: 5 Apr 2017 15:12

Tgt Ion:240 Resp: 511225
Ion Ratio Lower Upper
240 100
120 14.4 5.8 8.8#
236 24.9 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: 73.59 ng

RT: 13.32 min Scan# 1943

Delta R.T. -0.04 min

Lab File: BF094189.D

Acq: 5 Apr 2017 15:12

Instrument :

BNA_F

ClientSampleId :

PB98041BL

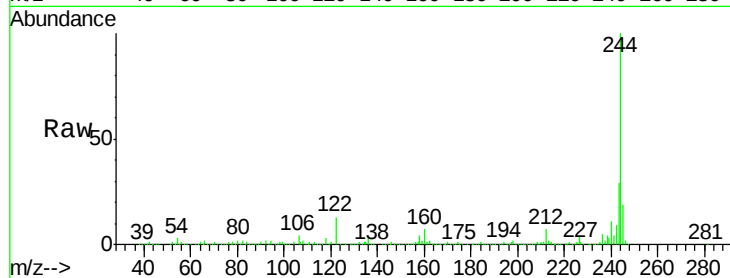
Tot Ion:244 Resp: 1678461

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

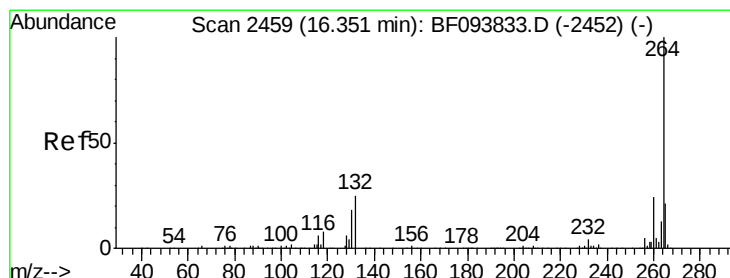
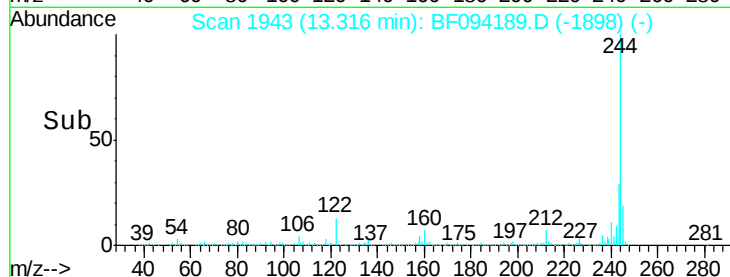
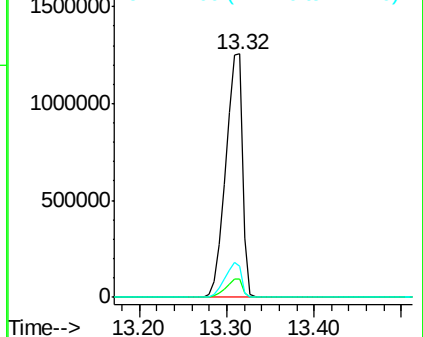
122 13.0 10.3 15.5



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: 16.20 min Scan# 2434

Delta R.T. -0.05 min

Lab File: BF094189.D

Acq: 5 Apr 2017 15:12

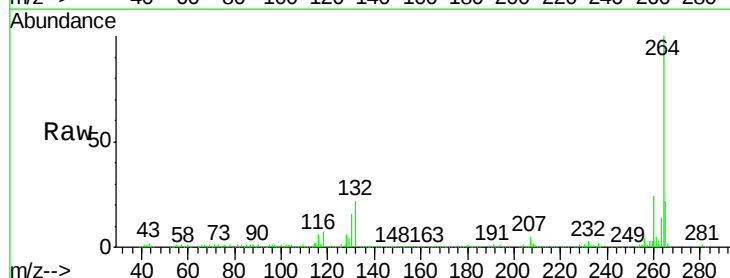
Tgt Ion:264 Resp: 357211

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.6 17.2 25.8



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

