

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
 Data File : BF093333.D
 Acq On : 2 Mar 2017 21:00
 Operator : SJ/MA
 Sample : PB97296BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97296BL

Quant Time: Mar 03 01:16:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 00:22:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	158971	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	648058	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	325830	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	586270	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	522564	20.00	ng	-0.01
86) Perylene-d12	15.39	264	376787	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1259352	135.91	ng	0.00
7) Phenol-d6	6.44	99	1549225	129.94	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1030328	88.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	334547	141.96	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1710731	95.12	ng	0.00
78) Terphenyl-d14	12.92	244	1503442	67.60	ng	0.00

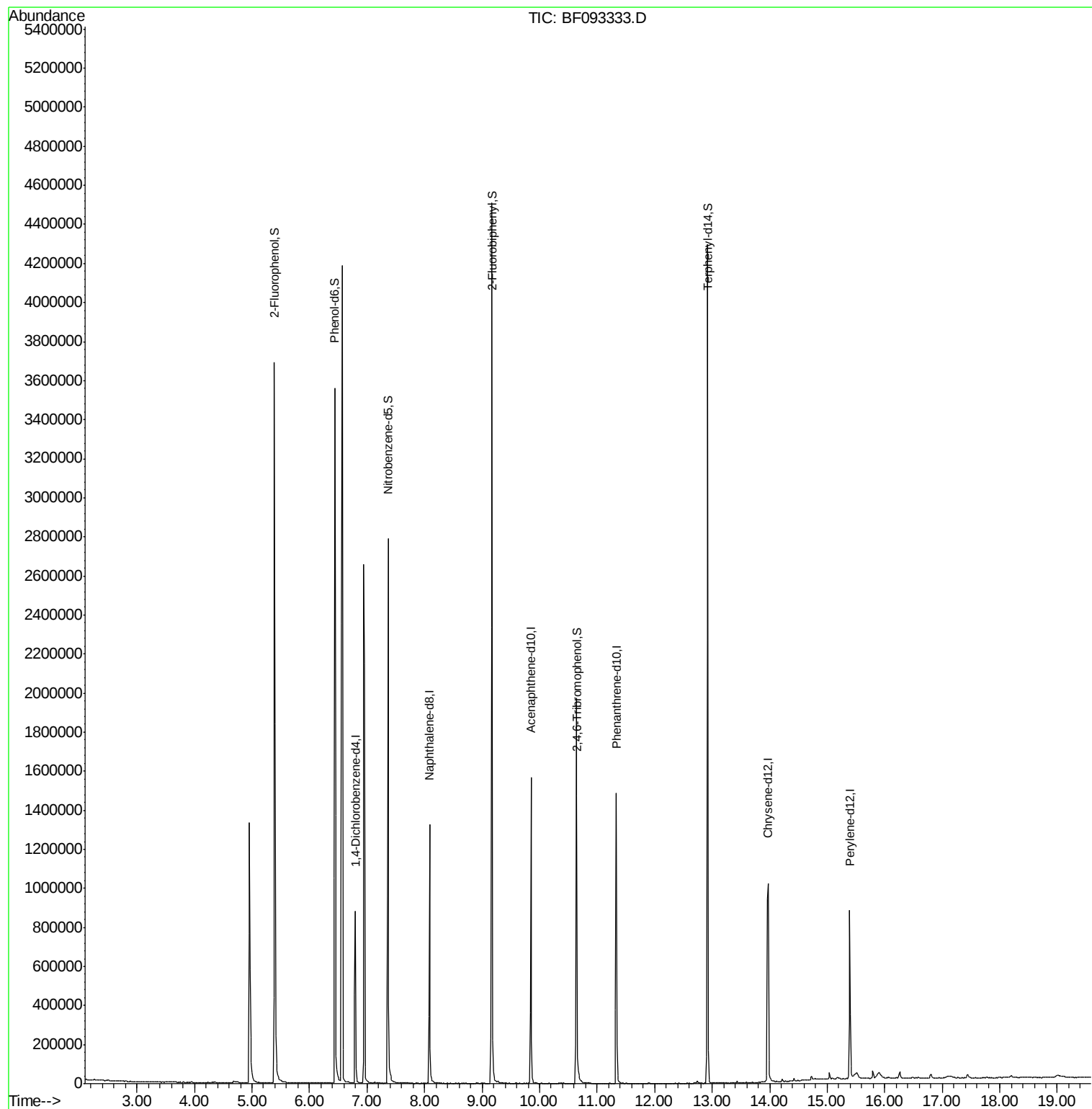
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF093333.D

Acq: 2 Mar 2017 21:00

Instrument :

BNA_F

ClientSampleId :

PB97296BL

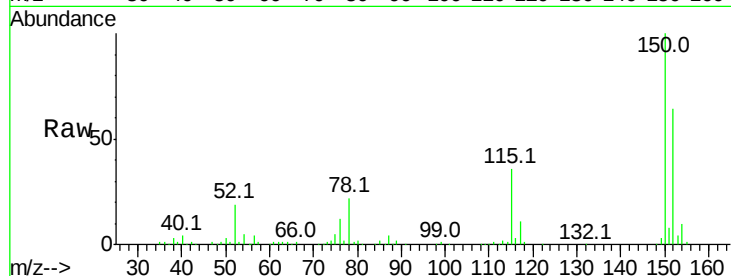
Tot Ion:152 Resp: 158971

Ion Ratio Lower Upper

152 100

150 157.2 124.9 187.3

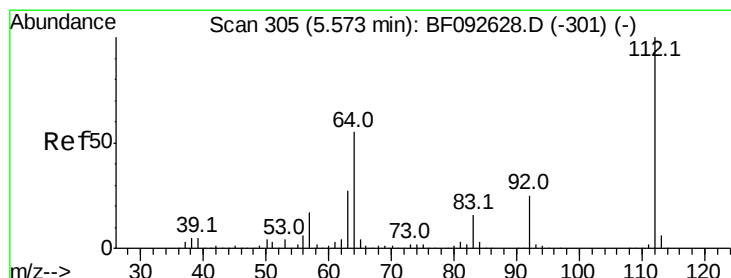
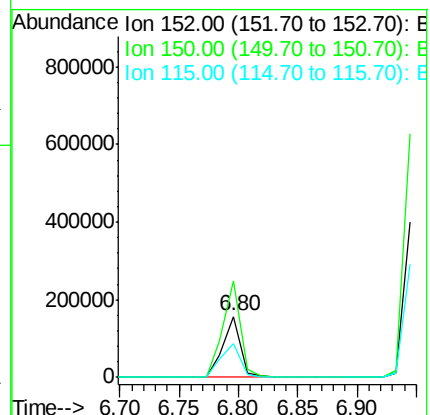
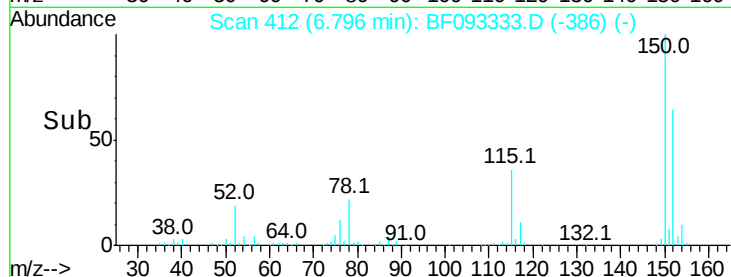
115 55.9 46.0 69.0



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: 135.91 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.00 min

Lab File: BF093333.D

Acq: 2 Mar 2017 21:00

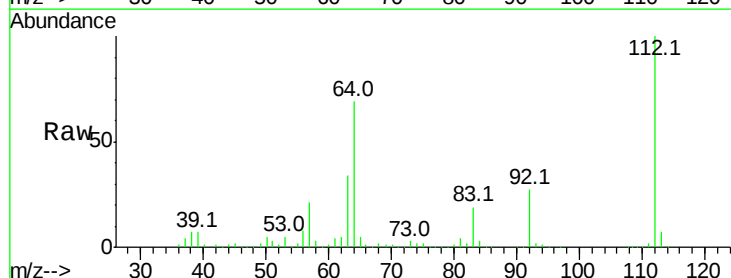
Tgt Ion:112 Resp: 1259352

Ion Ratio Lower Upper

112 100

64 68.5 46.1 69.1

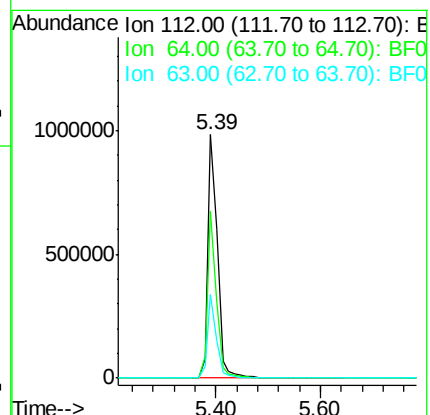
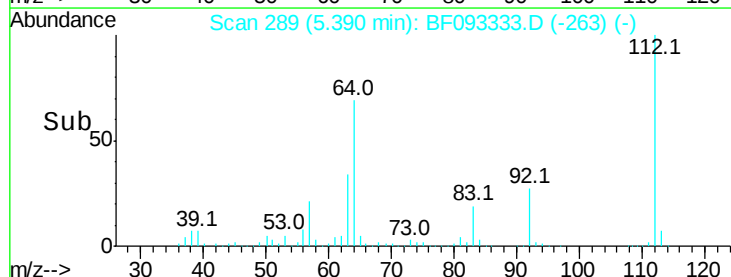
63 34.4 23.8 35.6



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: 129.94 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF093333.D

Acq: 2 Mar 2017 21:00

Instrument :

BNA_F

ClientSampleId :

PB97296BL

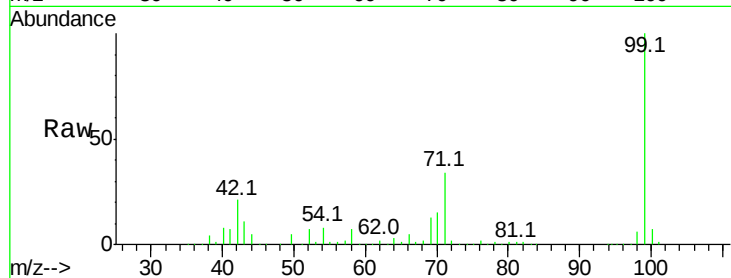
Tot Ion: 99 Resp: 1549225

Ion Ratio Lower Upper

99 100

42 20.9 15.6 23.4

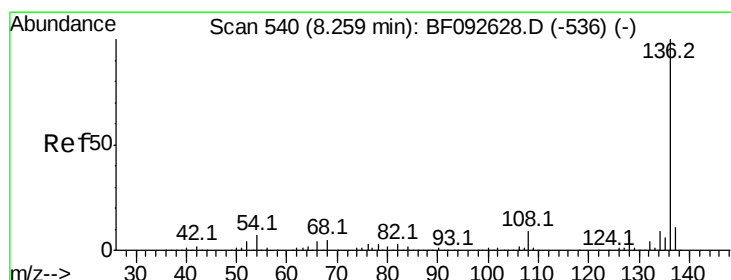
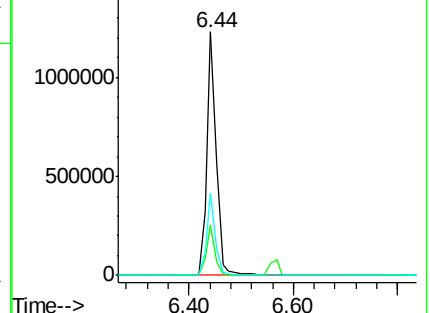
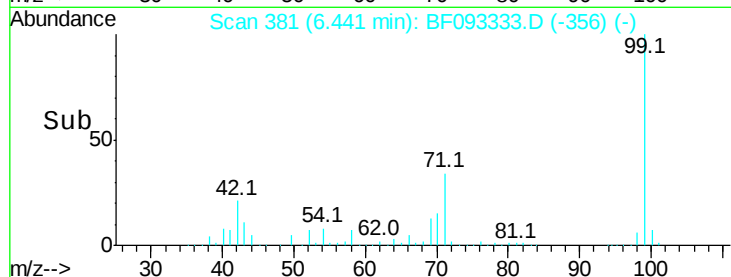
71 33.6 27.5 41.3



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: 8.09 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF093333.D

Acq: 2 Mar 2017 21:00

Tgt Ion: 136 Resp: 648058

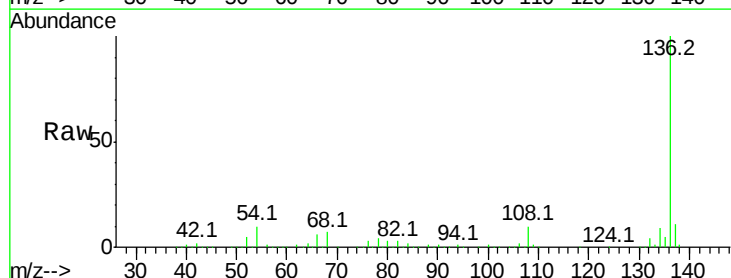
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 9.5 4.5 6.7#

68 7.2 3.6 5.4#

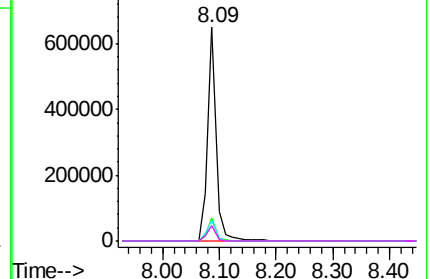
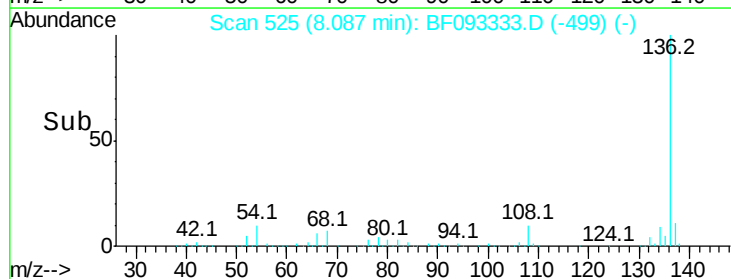


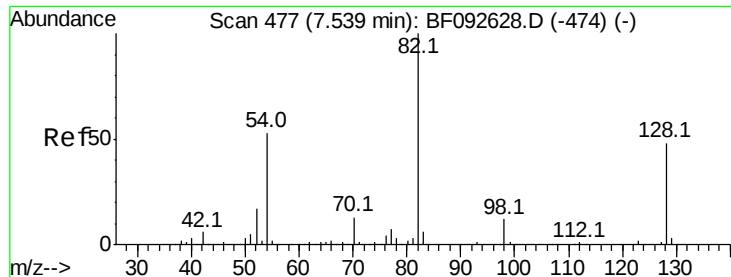
Abundance Ion 136.00 (135.70 to 136.70): E

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

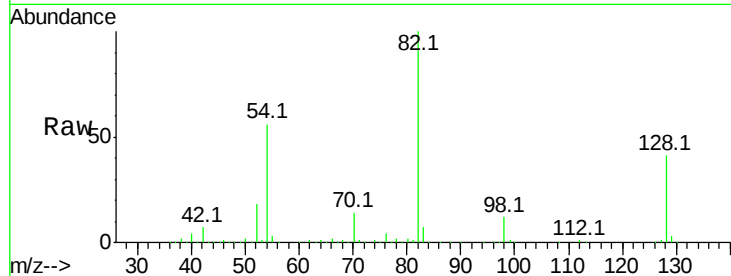




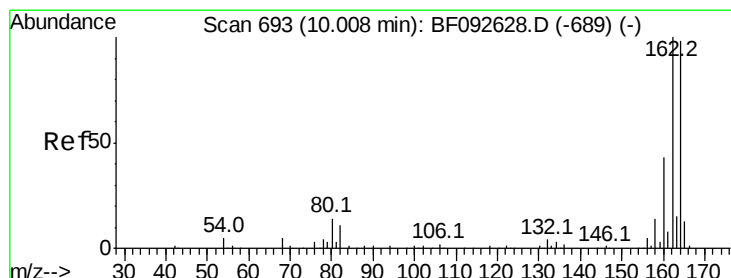
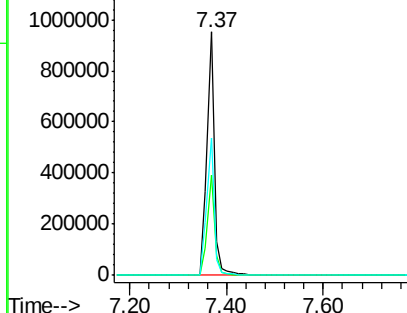
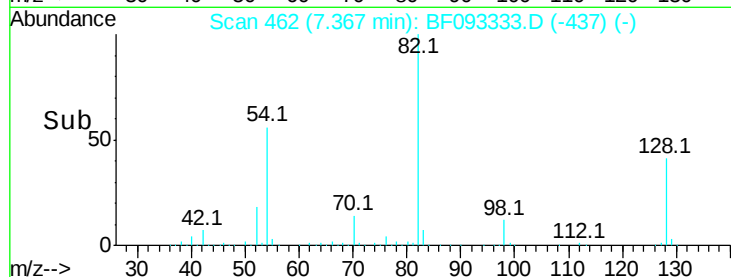
#23
 Nitrobenzene-d5
 Concen: 88.54 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF093333.D
 Acq: 2 Mar 2017 21:00

Instrument :
 BNA_F
 ClientSampleId :
 PB97296BL

Tot Ion: 82 Resp: 1030328
 Ion Ratio Lower Upper
 82 100
 128 41.3 34.6 52.0
 54 56.4 39.5 59.3

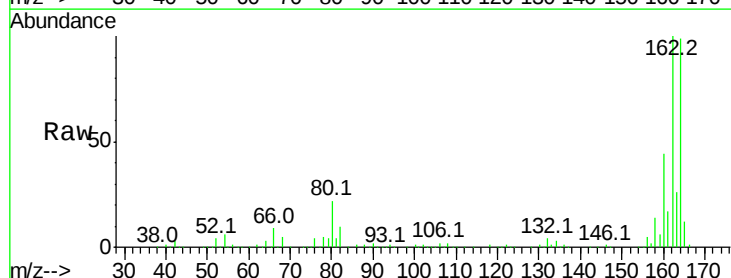


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

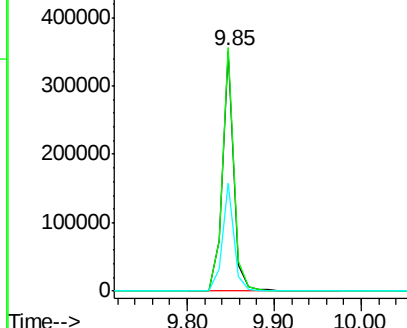
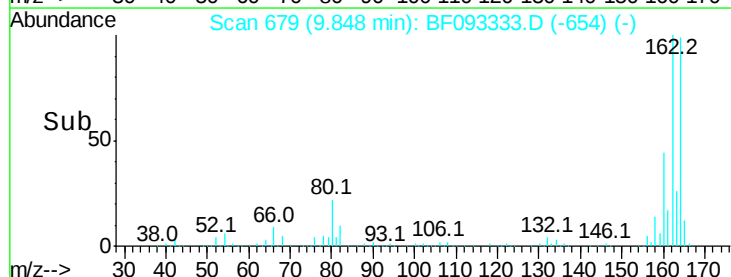


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF093333.D
 Acq: 2 Mar 2017 21:00

Tgt Ion: 164 Resp: 325830
 Ion Ratio Lower Upper
 164 100
 162 101.4 80.2 120.2
 160 44.7 36.9 55.3



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

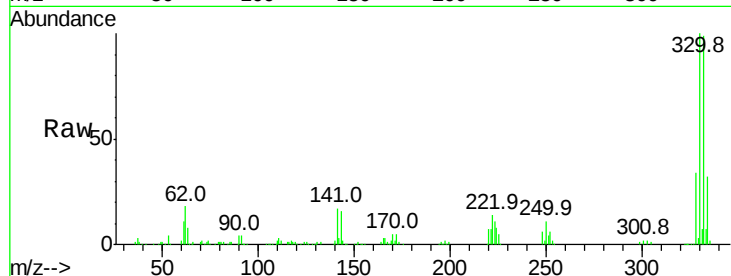




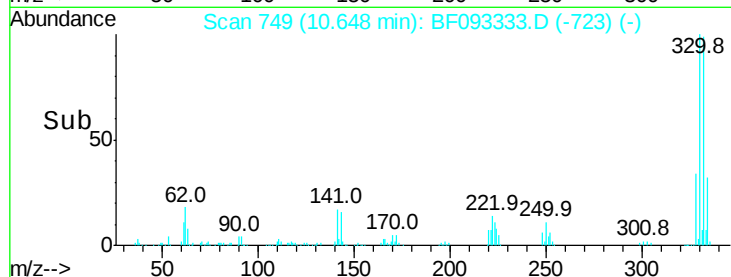
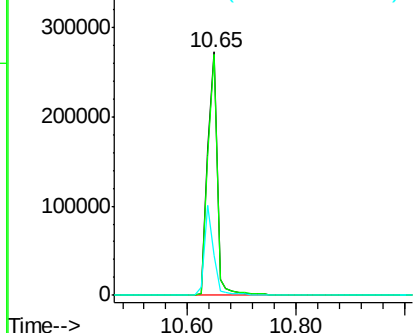
#41
 2,4,6-Tribromophenol
 Concen: 141.96 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF093333.D
 Acq: 2 Mar 2017 21:00

Instrument :
 BNA_F
 ClientSampleId :
 PB97296BL

Tot Ion:330 Resp: 334547
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 34.8 34.1 51.1

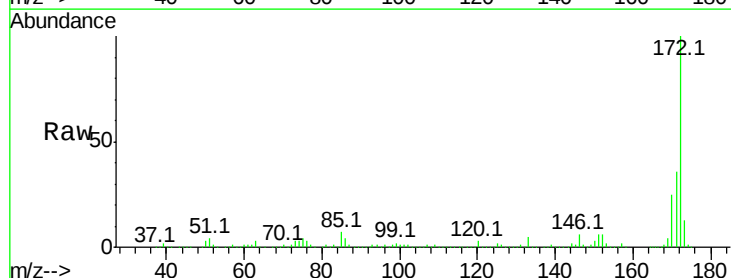


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

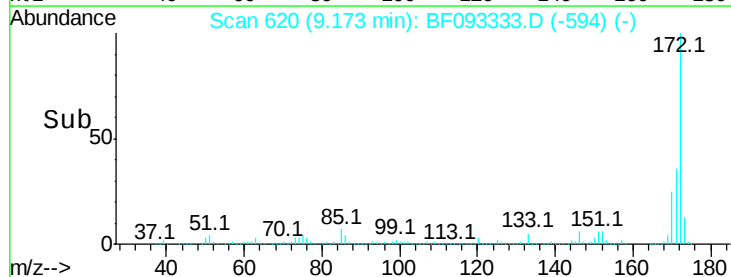
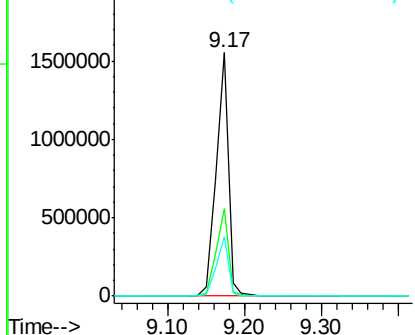


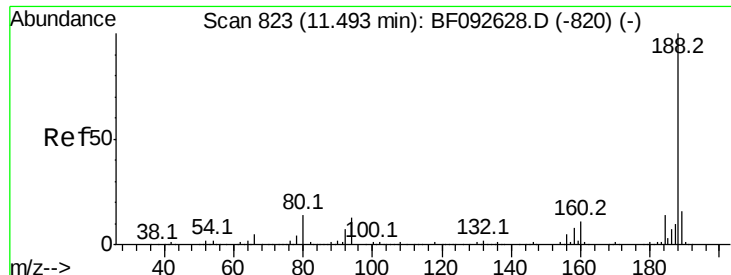
#44
 2-Fluorobiphenyl
 Concen: 95.12 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093333.D
 Acq: 2 Mar 2017 21:00

Tgt Ion:172 Resp: 1710731
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.5 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

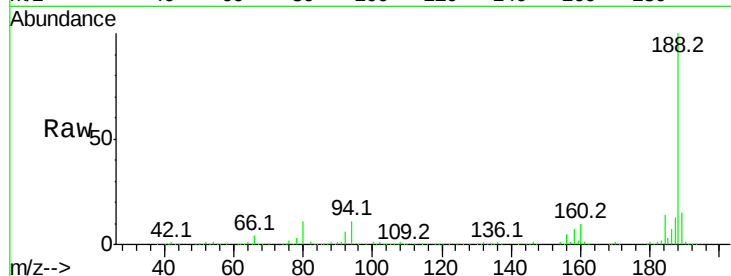




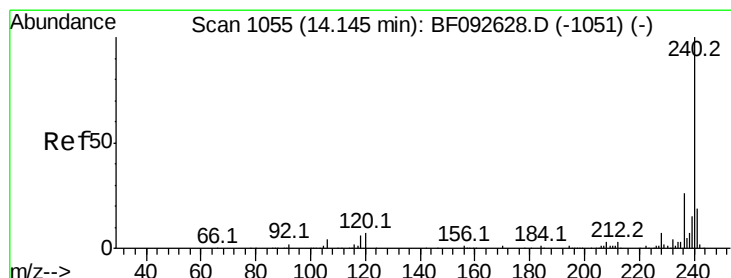
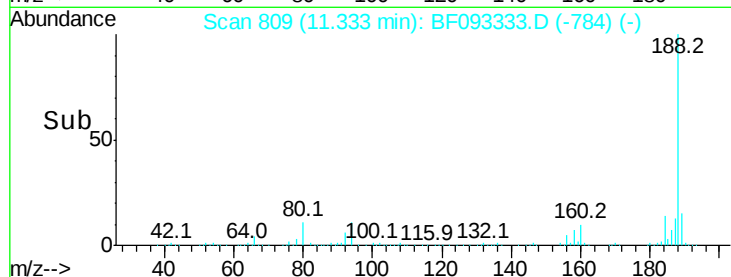
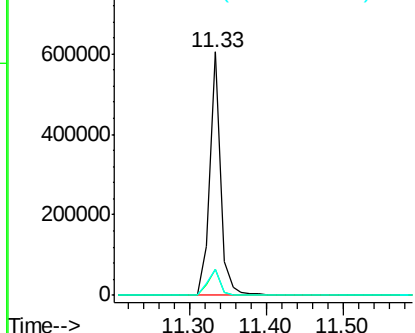
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF093333.D
Acq: 2 Mar 2017 21:00

Instrument :
BNA_F
ClientSampleId :
PB97296BL

Tot Ion:188 Resp: 586270
Ion Ratio Lower Upper
188 100
94 10.6 10.0 15.0
80 10.8 11.2 16.8#

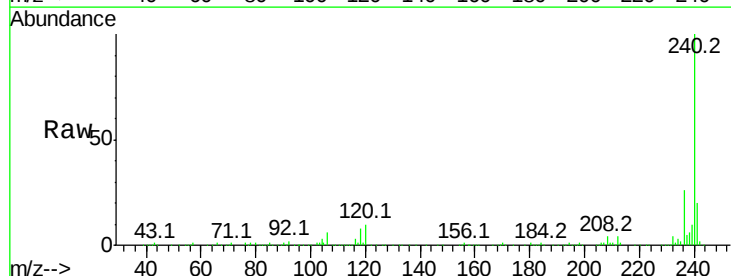


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

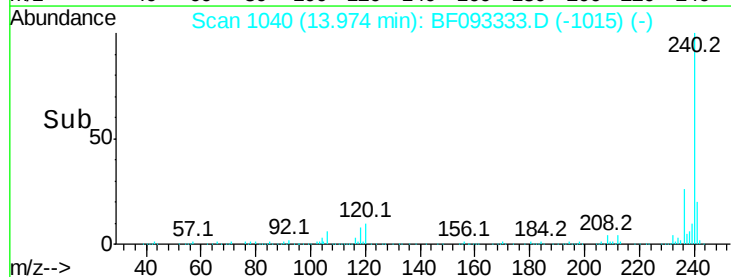
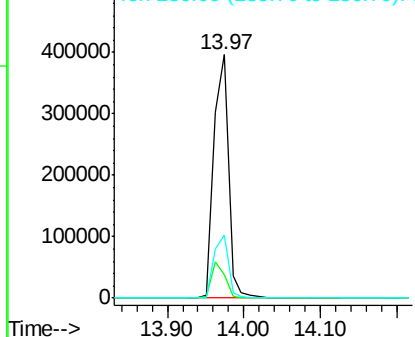


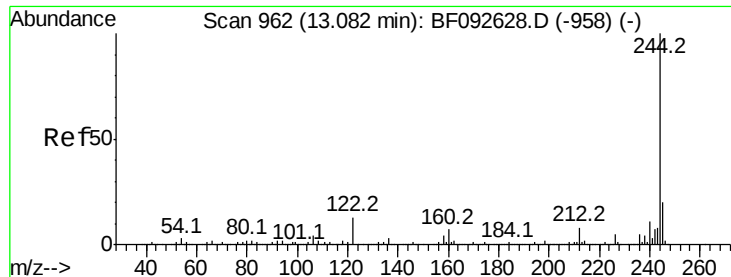
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF093333.D
Acq: 2 Mar 2017 21:00

Tgt Ion:240 Resp: 522564
Ion Ratio Lower Upper
240 100
120 9.9 12.9 19.3#
236 26.1 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: 67.60 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF093333.D

Acq: 2 Mar 2017 21:00

Instrument :

BNA_F

ClientSampleId :

PB97296BL

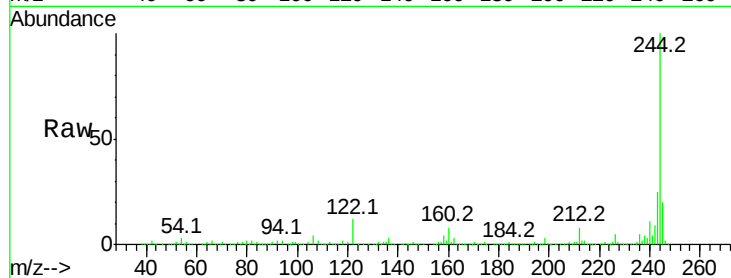
Tot Ion:244 Resp: 1503442

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

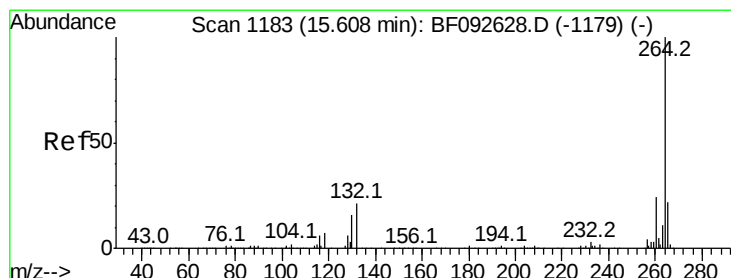
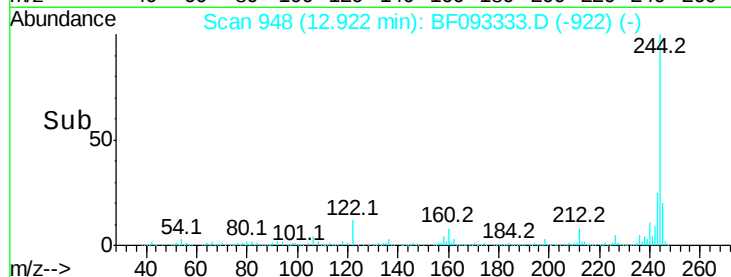
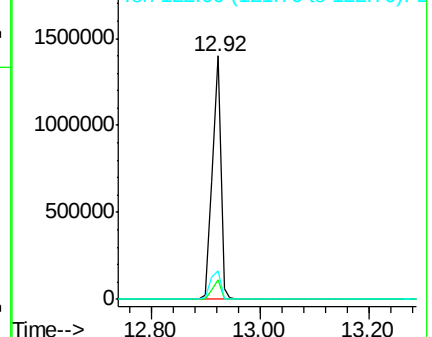
122 12.0 11.4 17.2



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: 15.39 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF093333.D

Acq: 2 Mar 2017 21:00

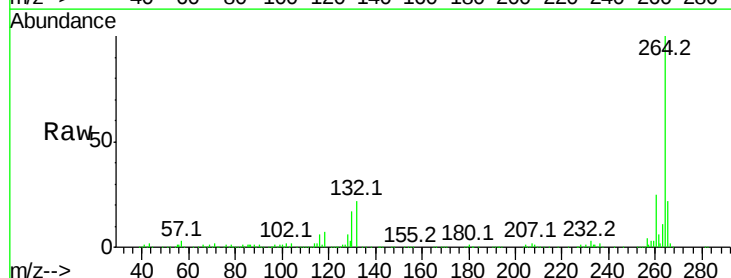
Tgt Ion:264 Resp: 376787

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 21.9 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

