

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
 Data File : BF093012.D
 Acq On : 17 Feb 2017 16:03
 Operator : SJ/MA
 Sample : PB97007BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97007BL

Quant Time: Feb 17 22:45:19 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	161853	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	625159	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	359176	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	594281	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	540844	20.00	ng	-0.01
86) Perylene-d12	15.44	264	450449	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1129524	119.73	ng	0.01
7) Phenol-d6	6.50	99	1666794	137.31	ng	0.01
23) Nitrobenzene-d5	7.41	82	977808	87.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	312198	120.18	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1762166	88.88	ng	0.00
78) Terphenyl-d14	12.97	244	1657035	71.99	ng	0.00

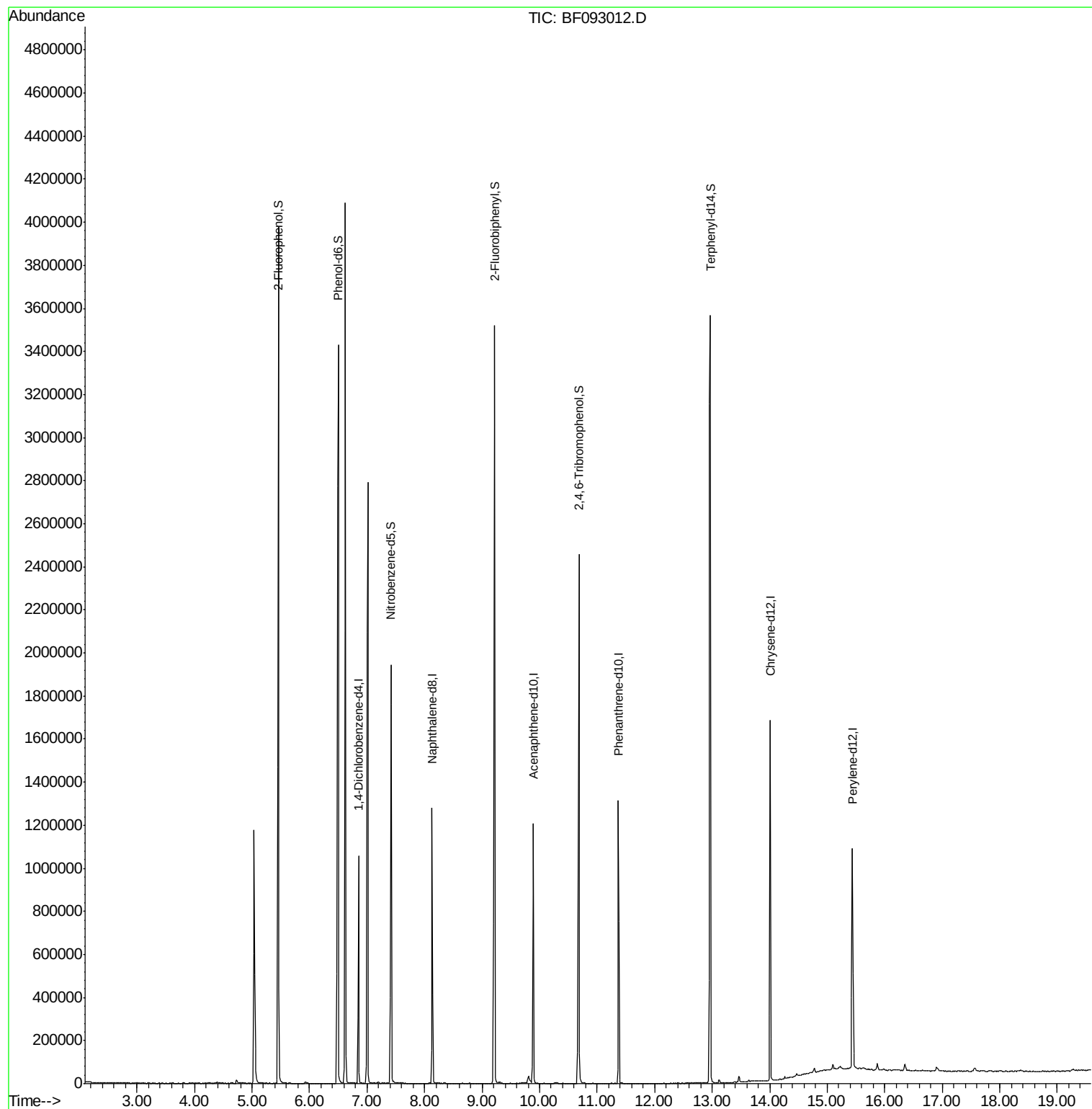
Target Compounds	Qvalue
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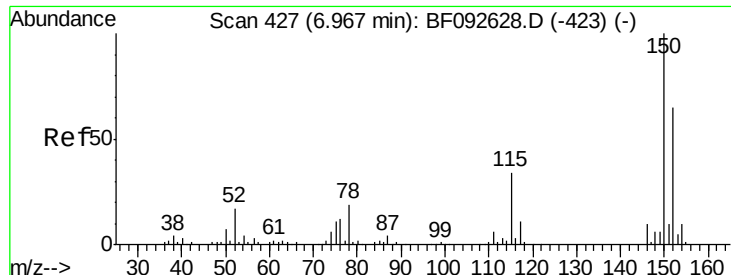
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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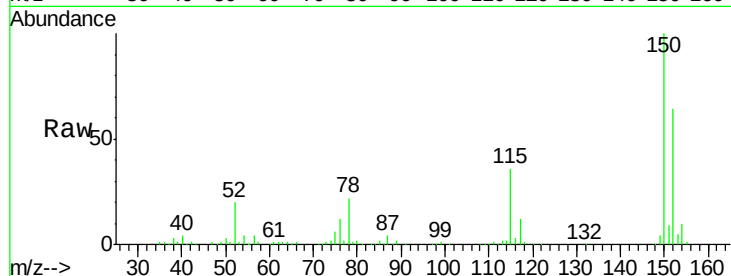




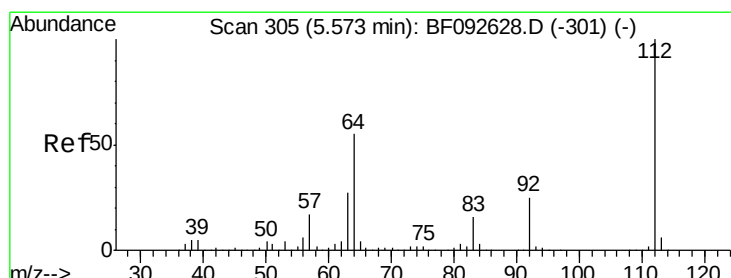
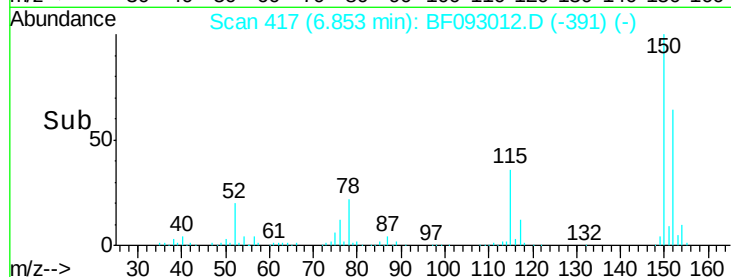
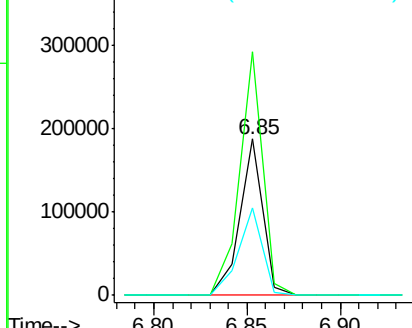
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF093012.D
 Acq: 17 Feb 2017 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB97007BL

Tgt Ion:152 Resp: 161853
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.9 187.3
 115 56.2 46.0 69.0

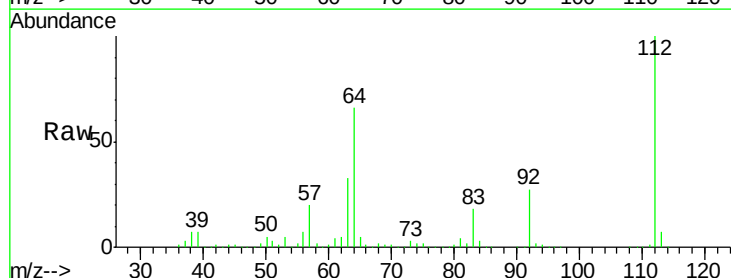


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

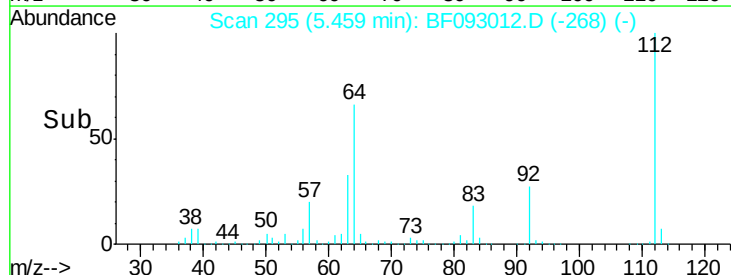
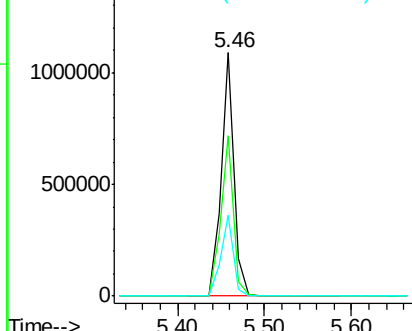


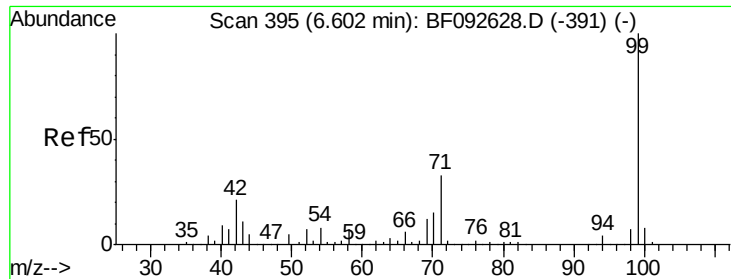
#5
 2-Fluorophenol
 Concen: 119.73 ng
 RT: 5.46 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: BF093012.D
 Acq: 17 Feb 2017 16:03

Tgt Ion:112 Resp: 1129524
 Ion Ratio Lower Upper
 112 100
 64 66.0 46.1 69.1
 63 33.3 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: 137.31 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF093012.D

Acq: 17 Feb 2017 16:03

Instrument :

BNA_F

ClientSampleId :

PB97007BL

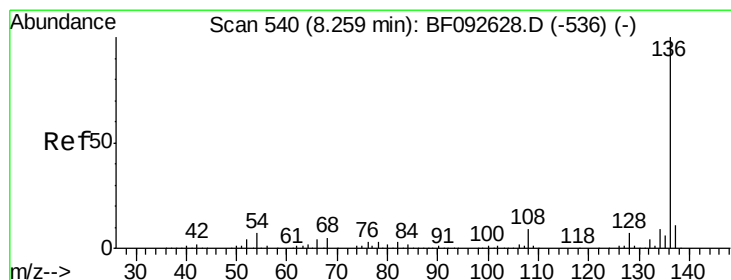
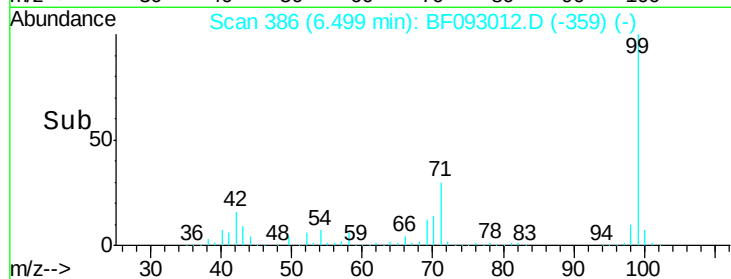
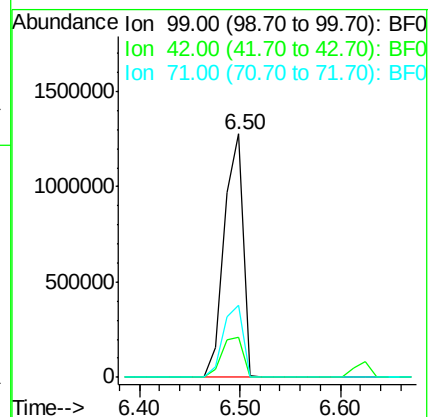
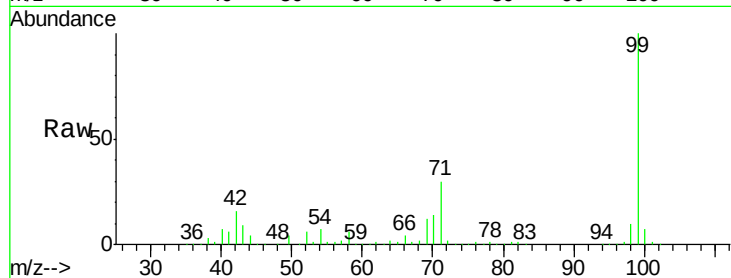
Tgt Ion: 99 Resp: 1666794

Ion Ratio Lower Upper

99 100

42 16.5 15.6 23.4

71 29.7 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093012.D

Acq: 17 Feb 2017 16:03

Tgt Ion: 136 Resp: 625159

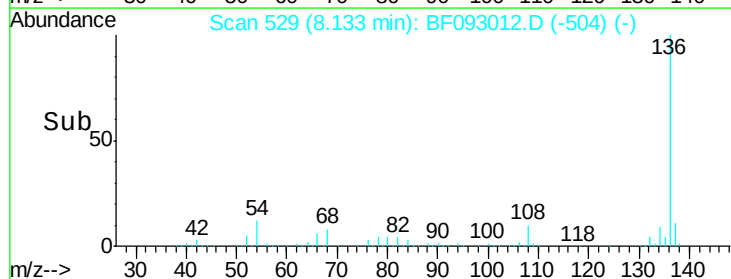
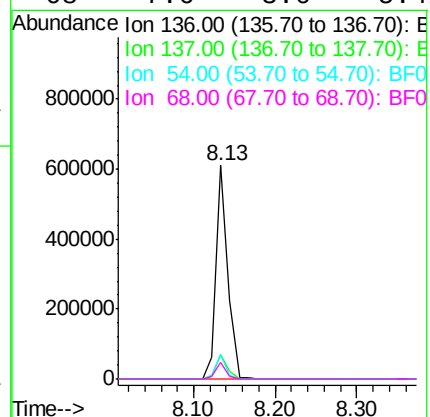
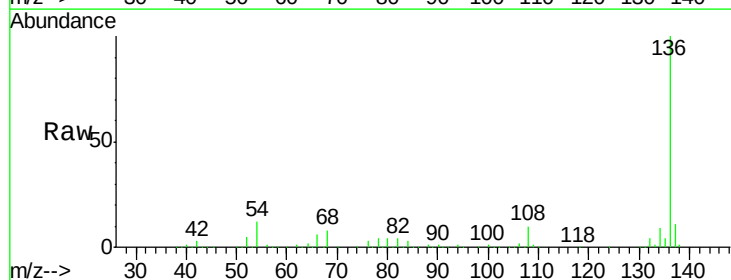
Ion Ratio Lower Upper

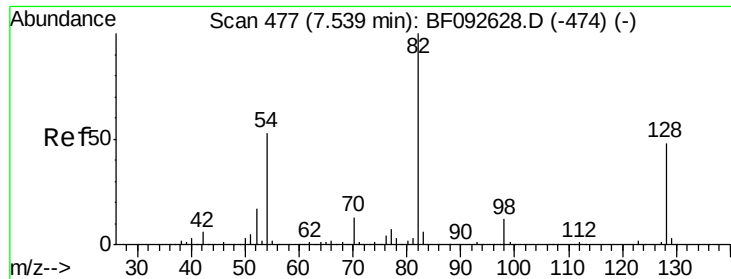
136 100

137 11.2 8.4 12.6

54 11.5 4.5 6.7#

68 7.6 3.6 5.4#

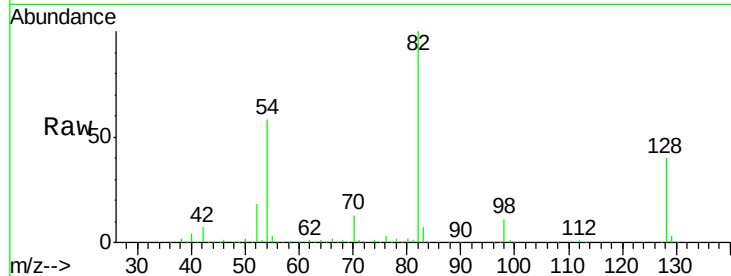




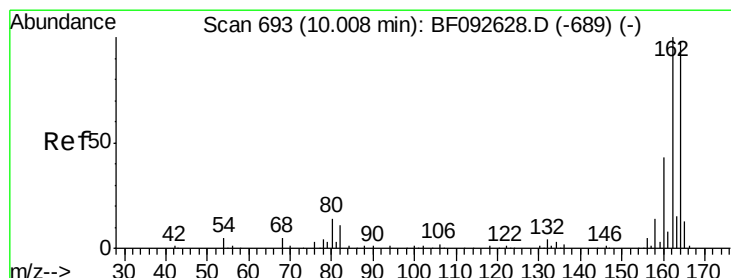
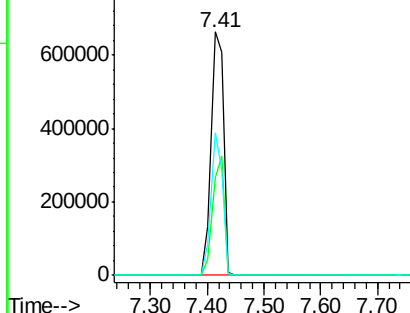
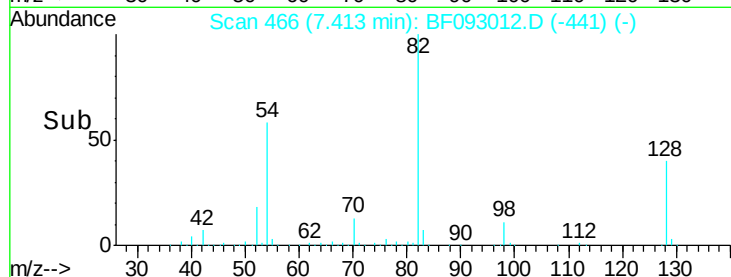
#23
 Nitrobenzene-d5
 Concen: 87.10 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093012.D
 Acq: 17 Feb 2017 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB97007BL

Tgt Ion: 82 Resp: 977808
 Ion Ratio Lower Upper
 82 100
 128 40.3 34.6 52.0
 54 58.5 39.5 59.3

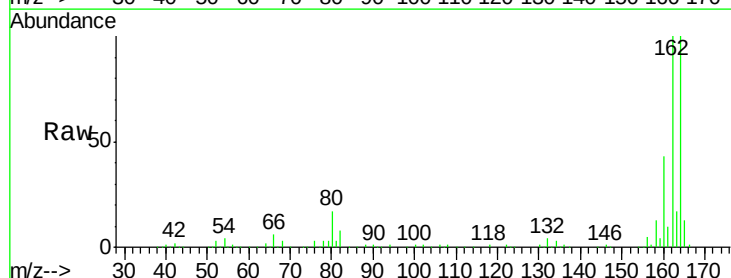


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

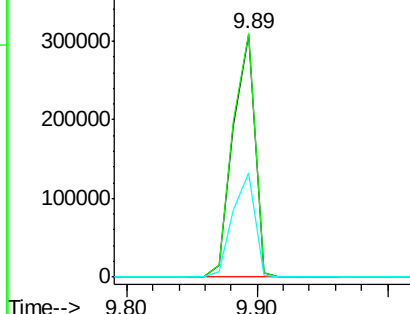
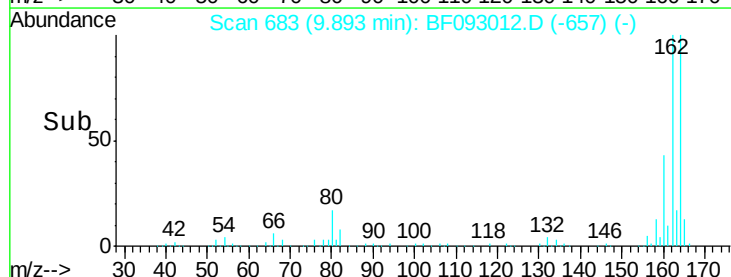


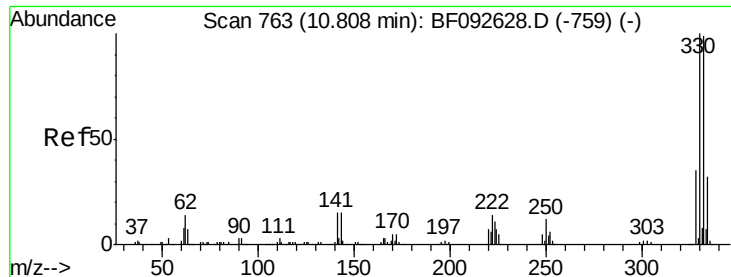
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF093012.D
 Acq: 17 Feb 2017 16:03

Tgt Ion: 164 Resp: 359176
 Ion Ratio Lower Upper
 164 100
 162 100.4 80.2 120.2
 160 42.9 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

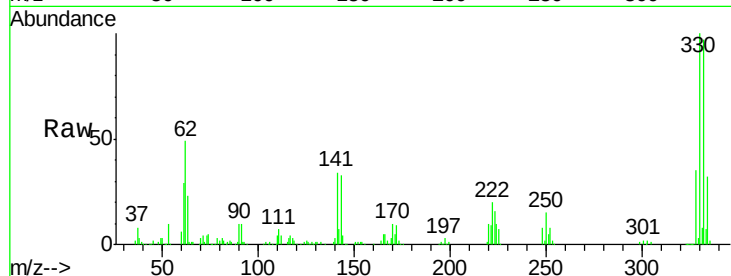




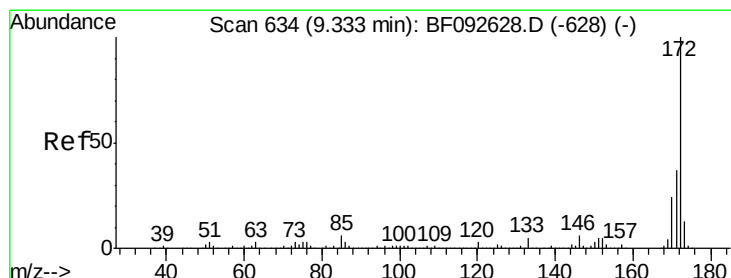
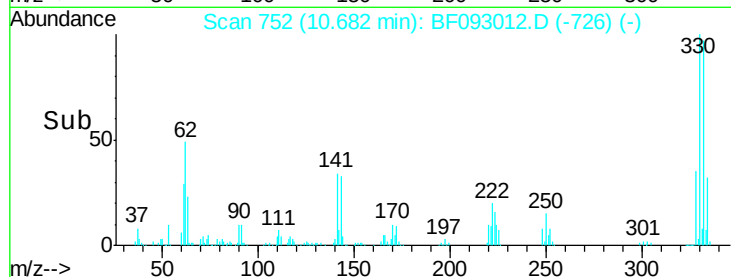
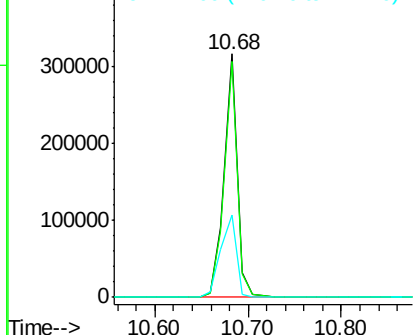
#41
 2,4,6-Tribromophenol
 Concen: 120.18 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093012.D
 Acq: 17 Feb 2017 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB97007BL

Tgt Ion:330 Resp: 312198
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 40.0 34.1 51.1

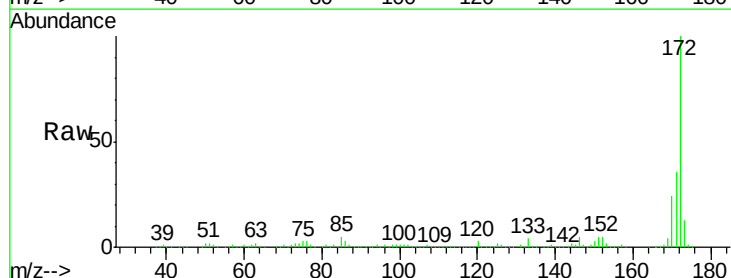


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

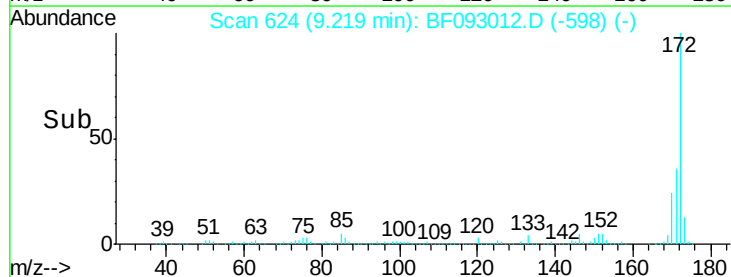
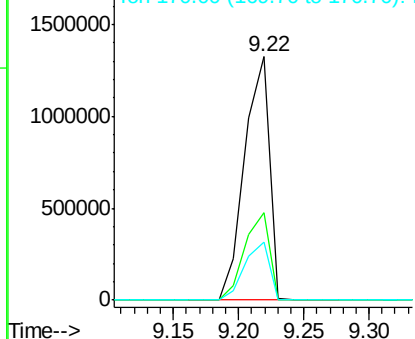


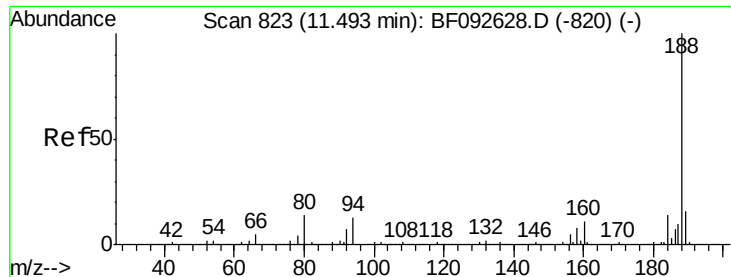
#44
 2-Fluorobiphenyl
 Concen: 88.88 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093012.D
 Acq: 17 Feb 2017 16:03

Tgt Ion:172 Resp: 1762166
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 23.9 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

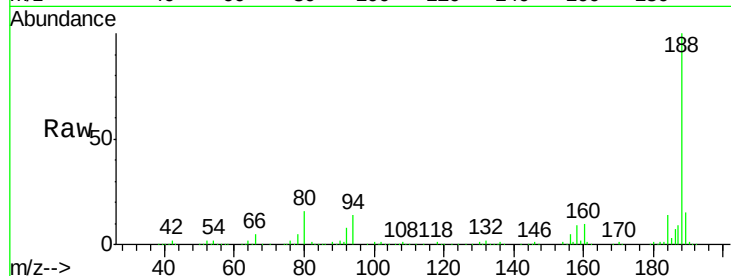




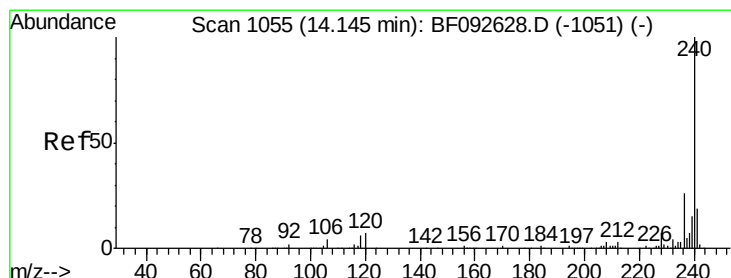
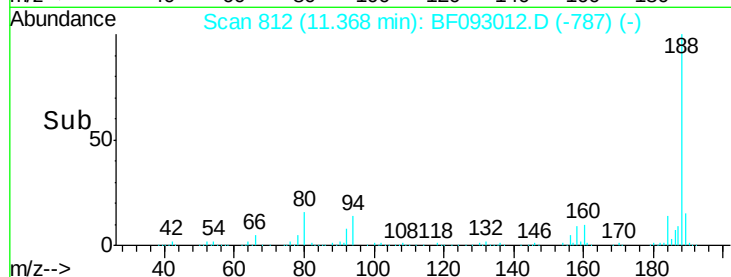
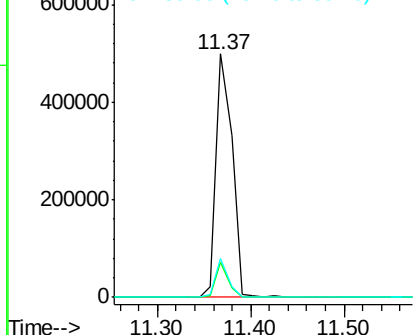
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093012.D
Acq: 17 Feb 2017 16:03

Instrument :
BNA_F
ClientSampleId :
PB97007BL

Tgt Ion:188 Resp: 594281
Ion Ratio Lower Upper
188 100
94 14.2 10.0 15.0
80 15.8 11.2 16.8

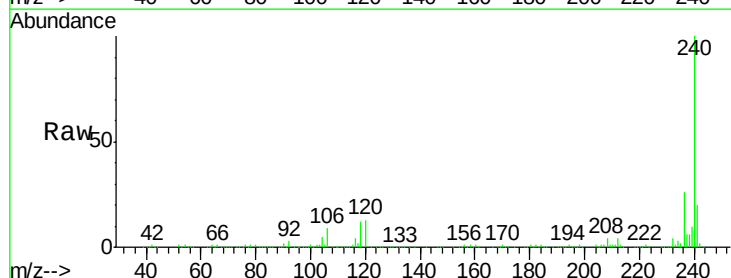


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

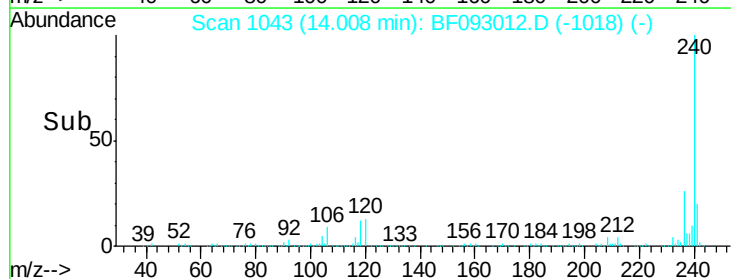
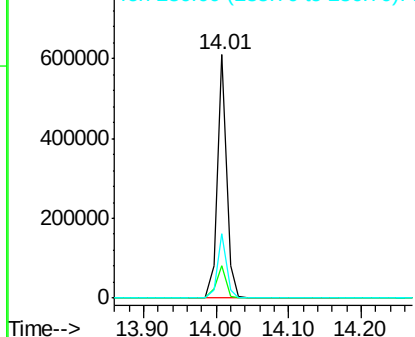


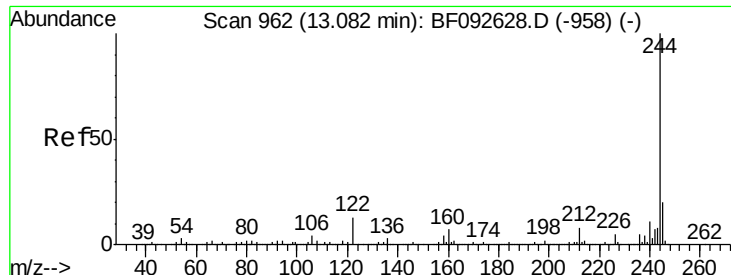
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093012.D
Acq: 17 Feb 2017 16:03

Tgt Ion:240 Resp: 540844
Ion Ratio Lower Upper
240 100
120 13.2 12.9 19.3
236 26.4 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: 71.99 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF093012.D

Acq: 17 Feb 2017 16:03

Instrument :

BNA_F

ClientSampleId :

PB97007BL

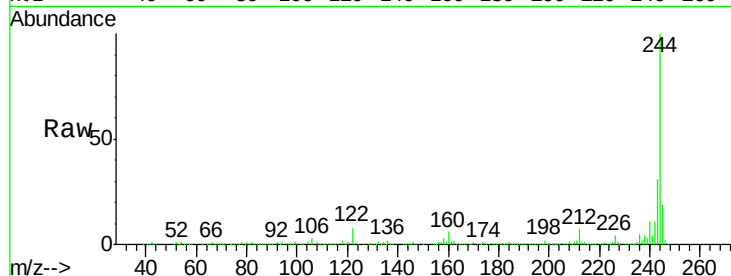
Tgt Ion:244 Resp: 1657035

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

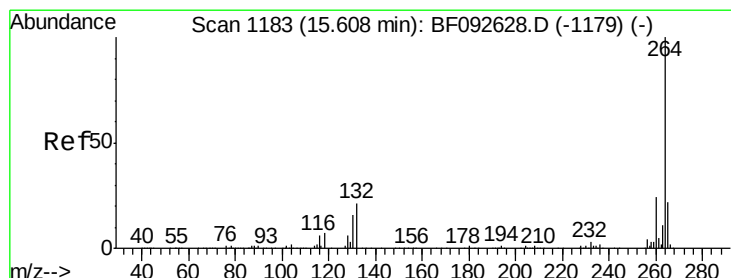
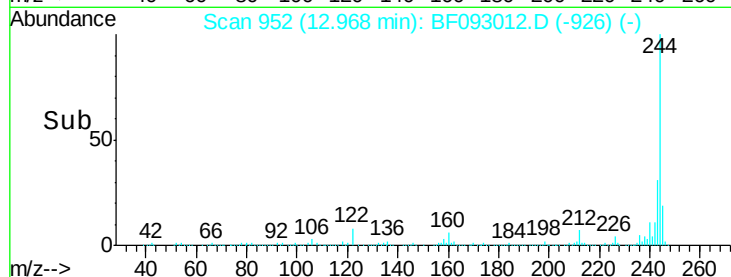
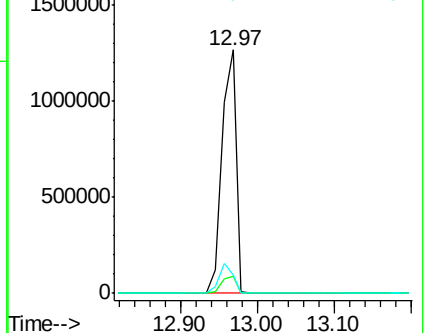
122 7.8 11.4 17.2#



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: 15.44 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF093012.D

Acq: 17 Feb 2017 16:03

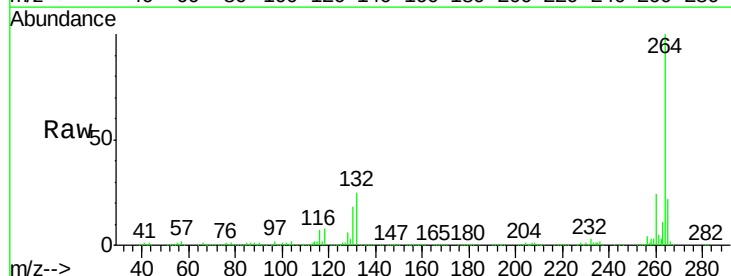
Tgt Ion:264 Resp: 450449

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.7 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

