

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
 Data File : BF092772.D
 Acq On : 3 Feb 2017 11:36
 Operator : SJ/MA
 Sample : PB96683BL
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96683BL

Quant Time: Feb 03 12:23:53 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	142611	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	553791	20.00	ng	-0.03
38) Acenaphthene-d10	9.98	164	282311	20.00	ng	-0.02
63) Phenanthrene-d10	11.46	188	404845	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	328796	20.00	ng	-0.05
86) Perylene-d12	15.56	264	293439	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	956574	115.08	ng	-0.02
7) Phenol-d6	6.57	99	1156703	108.15	ng	-0.03
23) Nitrobenzene-d5	7.50	82	696410	70.03	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	207887	101.81	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1243335	79.79	ng	-0.03
78) Terphenyl-d14	13.05	244	987771	70.59	ng	-0.03

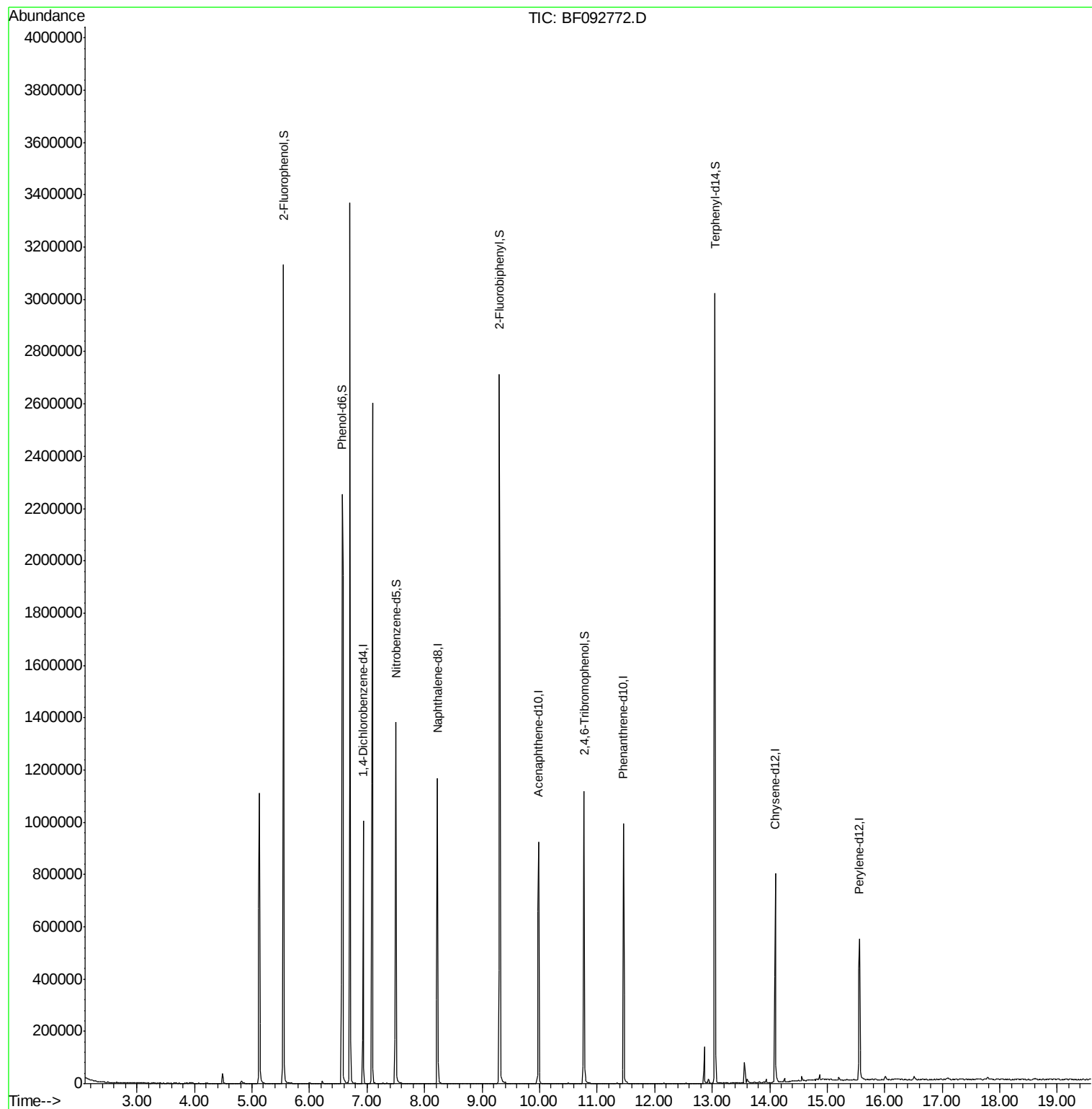
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.03 min

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Instrument :

BNA_F

ClientSampleId :

PB96683BL

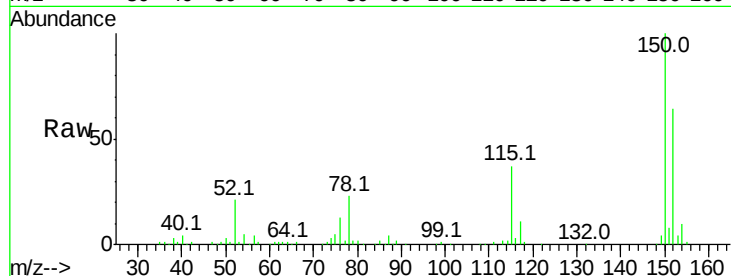
Tot Ion:152 Resp: 142611

Ion Ratio Lower Upper

152 100

150 157.1 124.9 187.3

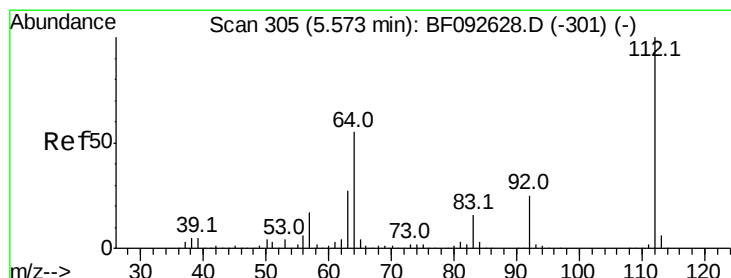
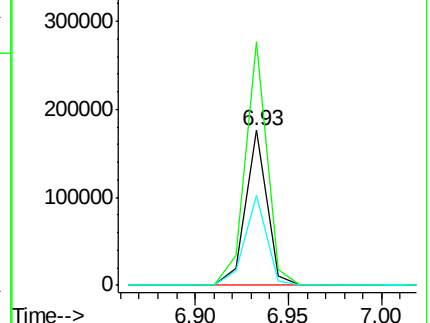
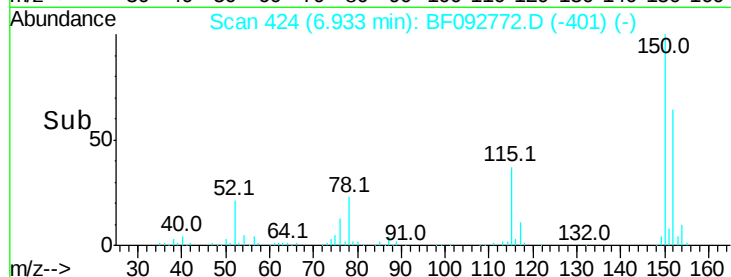
115 58.1 46.0 69.0



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: 115.08 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.02 min

Lab File: BF092772.D

Acq: 3 Feb 2017 11:36

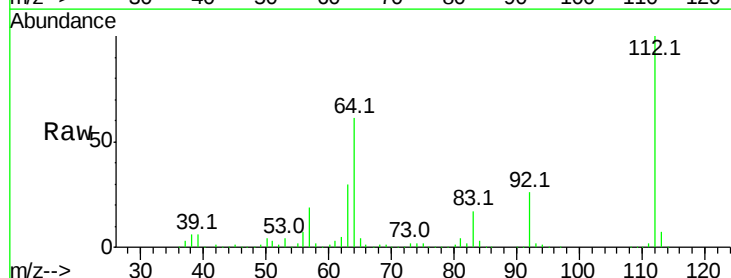
Tgt Ion:112 Resp: 956574

Ion Ratio Lower Upper

112 100

64 60.9 46.1 69.1

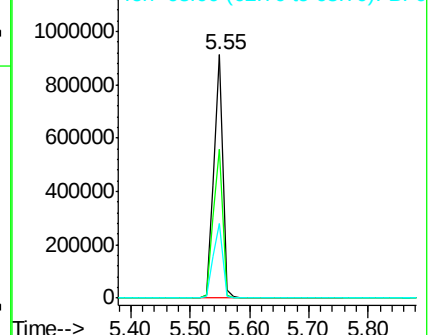
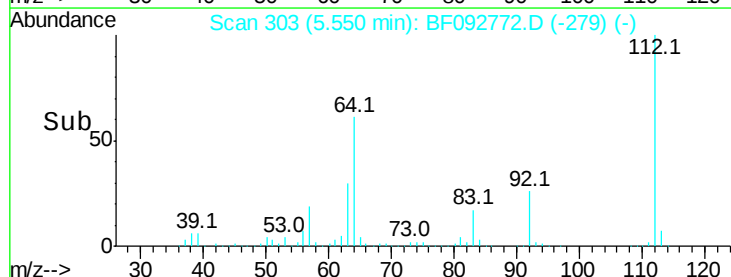
63 30.4 23.8 35.6



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: 108.15 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF092772.D

Acq: 3 Feb 2017 11:36

Instrument :

BNA_F

ClientSampleId :

PB96683BL

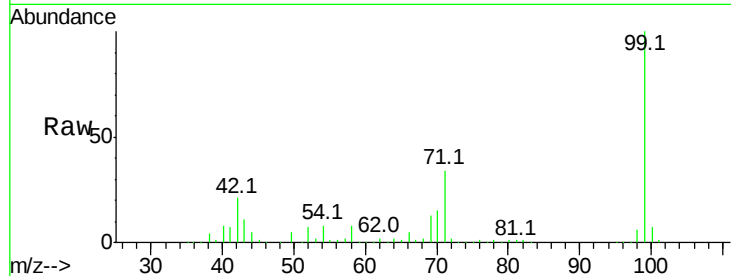
Tot Ion: 99 Resp: 1156703

Ion Ratio Lower Upper

99 100

42 21.0 15.6 23.4

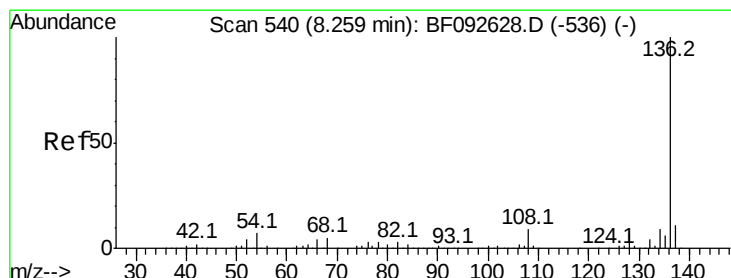
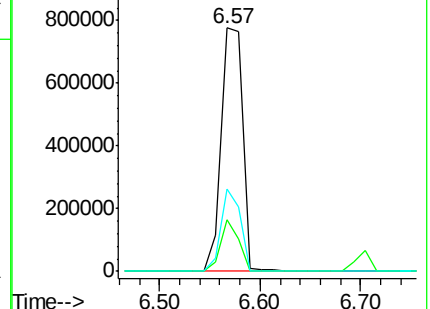
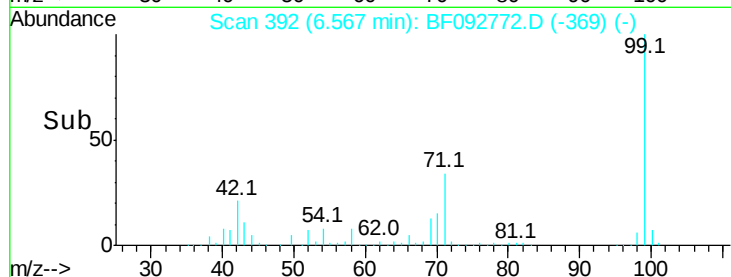
71 34.0 27.5 41.3



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: BF092772.D

Acq: 3 Feb 2017 11:36

Tgt Ion:136 Resp: 553791

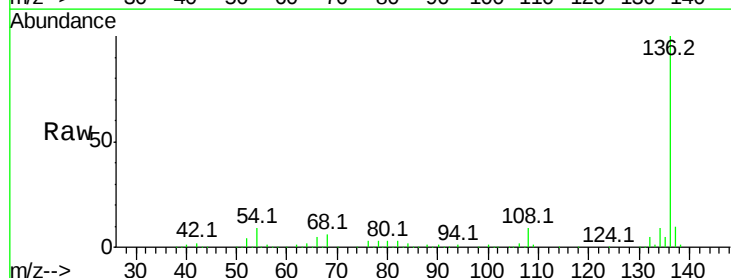
Ion Ratio Lower Upper

136 100

137 10.4 8.4 12.6

54 9.0 4.5 6.7#

68 6.2 3.6 5.4#

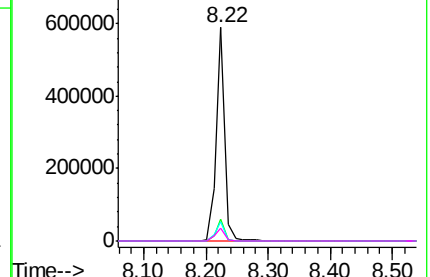
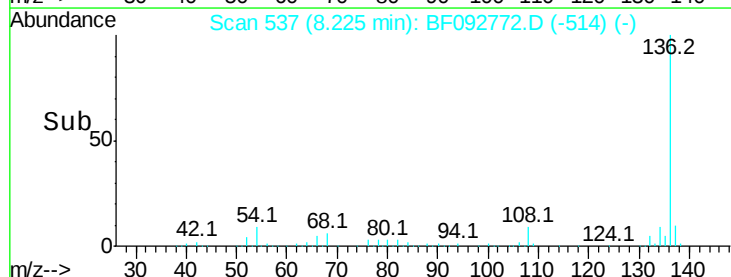


Abundance Ion 136.00 (135.70 to 136.70): E

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

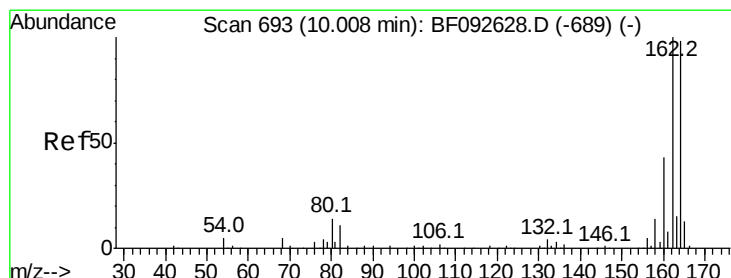
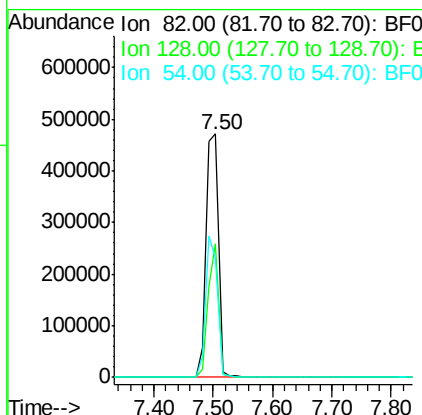
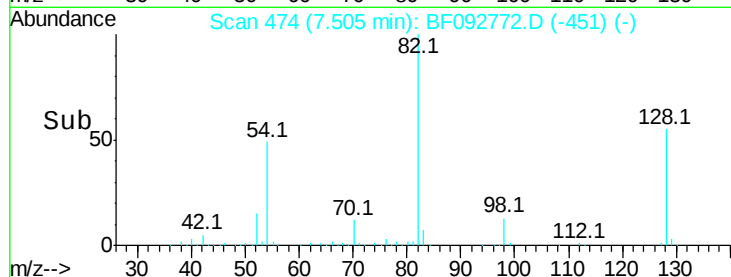
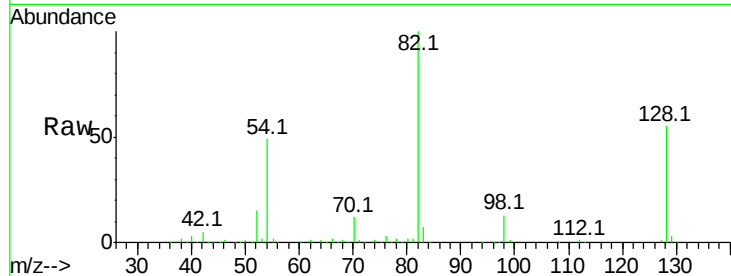




#23
 Nitrobenzene-d5
 Concen: 70.03 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.03 min
 Lab File: BF092772.D
 Acq: 3 Feb 2017 11:36

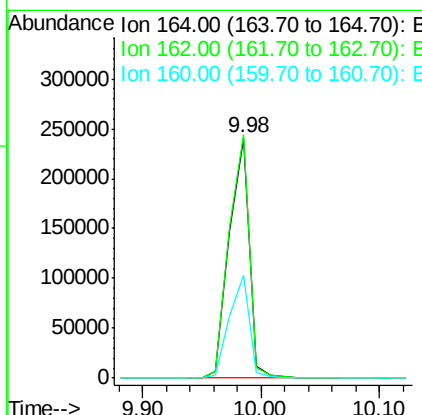
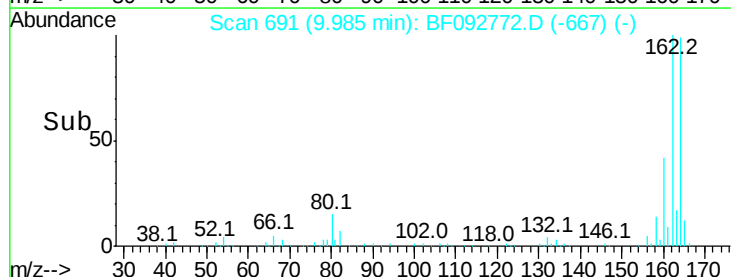
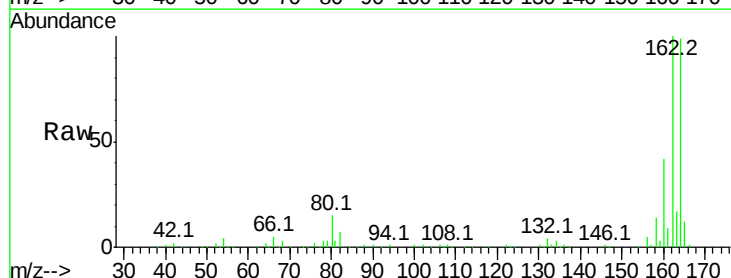
Instrument :
 BNA_F
 ClientSampleId :
 PB96683BL

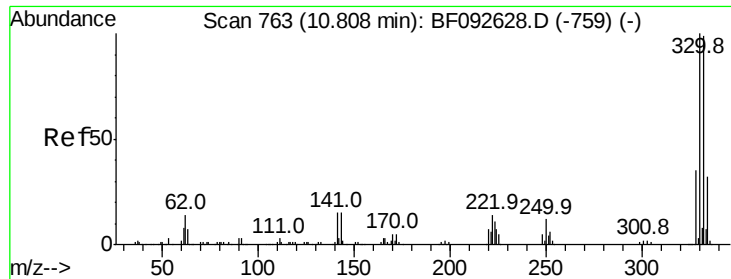
Tot Ion: 82 Resp: 696410
 Ion Ratio Lower Upper
 82 100
 128 54.6 34.6 52.0#
 54 49.2 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF092772.D
 Acq: 3 Feb 2017 11:36

Tgt Ion:164 Resp: 282311
 Ion Ratio Lower Upper
 164 100
 162 101.5 80.2 120.2
 160 42.8 36.9 55.3

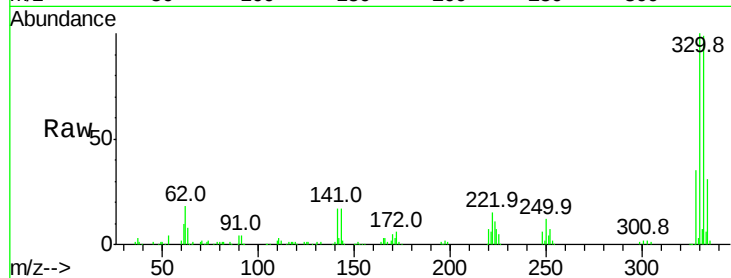




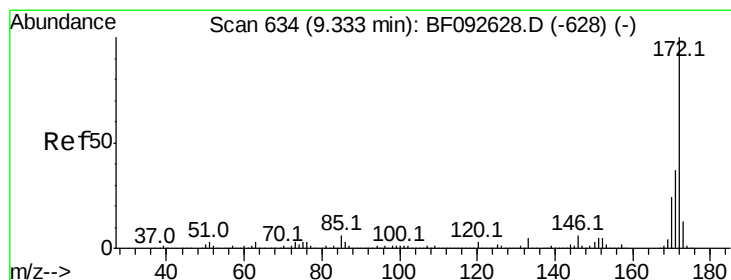
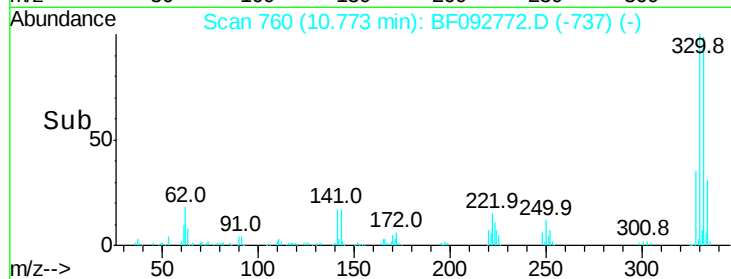
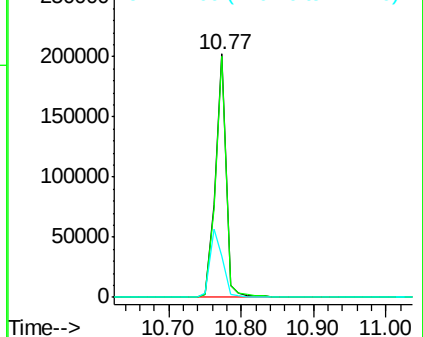
#41
 2,4,6-Tribromophenol
 Concen: 101.81 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092772.D
 Acq: 3 Feb 2017 11:36

Instrument :
 BNA_F
 ClientSampled :
 PB96683BL

Tot Ion:330 Resp: 207887
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.4 116.2
 141 32.6 34.1 51.1#

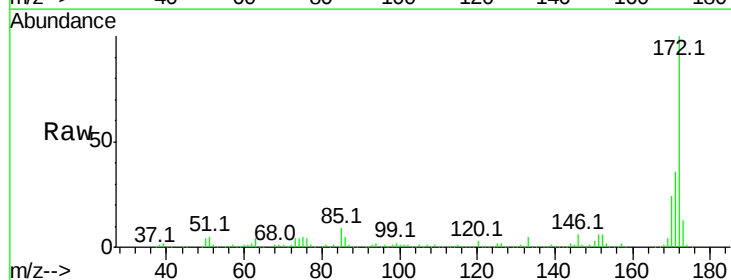


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

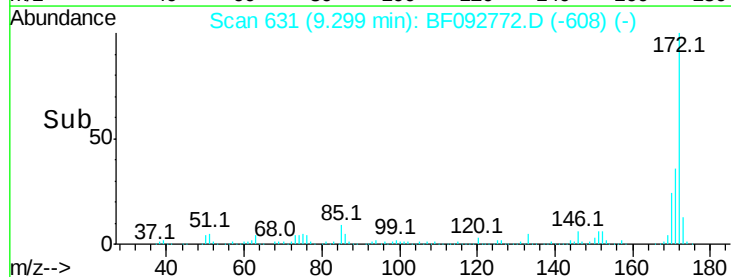
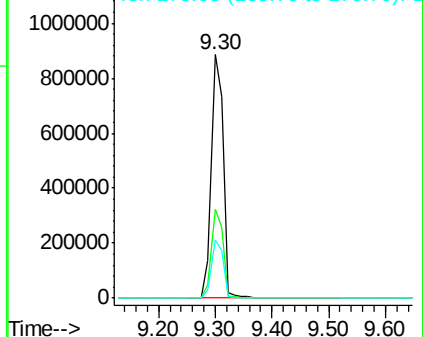


#44
 2-Fluorobiphenyl
 Concen: 79.79 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF092772.D
 Acq: 3 Feb 2017 11:36

Tgt Ion:172 Resp: 1243335
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 23.8 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

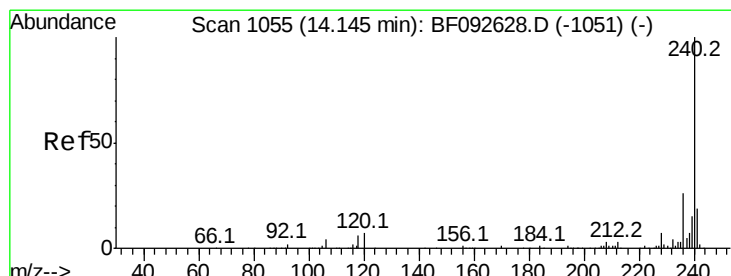
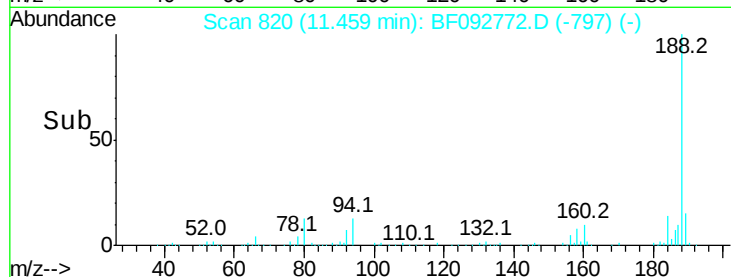
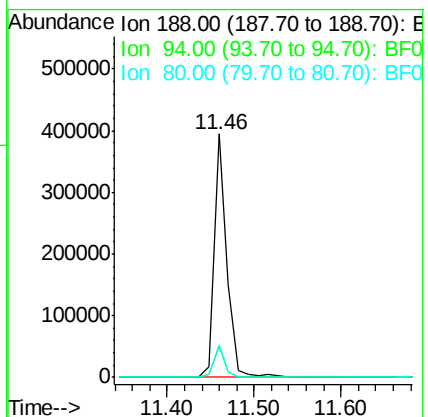
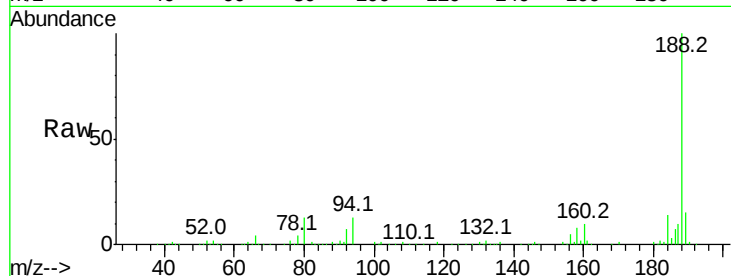




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF092772.D
 Acq: 3 Feb 2017 11:36

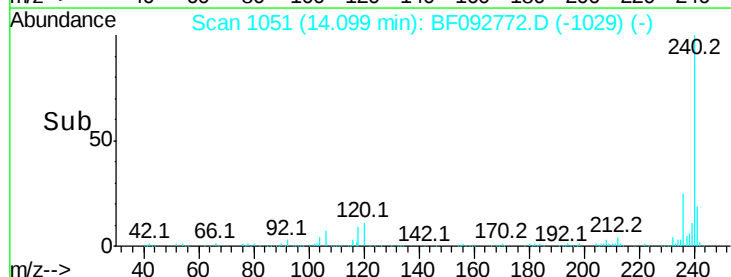
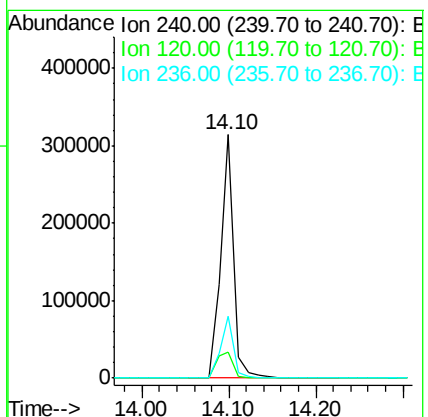
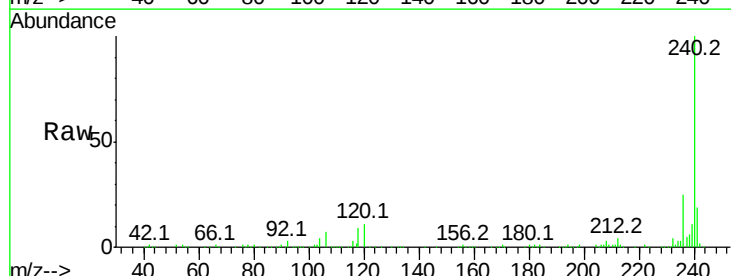
Instrument :
 BNA_F
 ClientSampled :
 PB96683BL

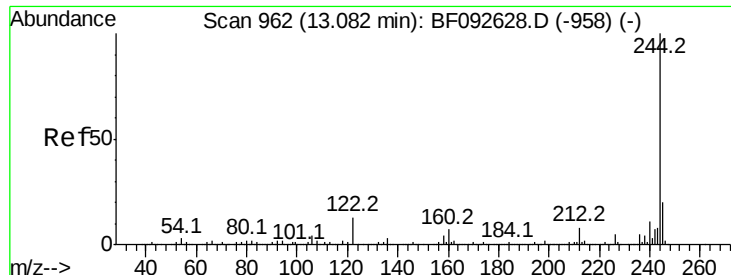
Tot Ion:188 Resp: 404845
 Ion Ratio Lower Upper
 188 100
 94 12.6 10.0 15.0
 80 13.2 11.2 16.8



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. -0.05 min
 Lab File: BF092772.D
 Acq: 3 Feb 2017 11:36

Tgt Ion:240 Resp: 328796
 Ion Ratio Lower Upper
 240 100
 120 10.7 12.9 19.3#
 236 25.5 20.9 31.3





#78

Terphenyl-d14

Concen: 70.59 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092772.D

Acq: 3 Feb 2017 11:36

Instrument :

BNA_F

ClientSampleId :

PB96683BL

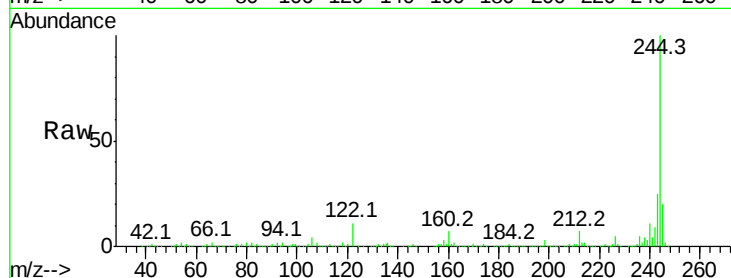
Tot Ion:244 Resp: 987771

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

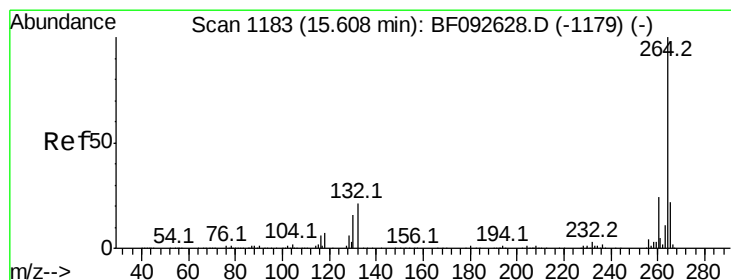
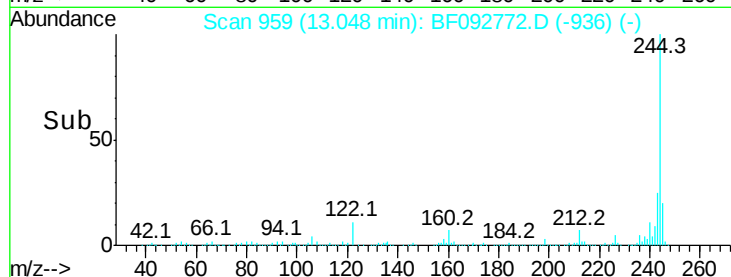
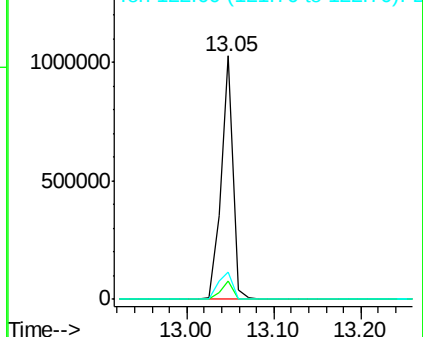
122 11.2 11.4 17.2#



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: BF092772.D

Acq: 3 Feb 2017 11:36

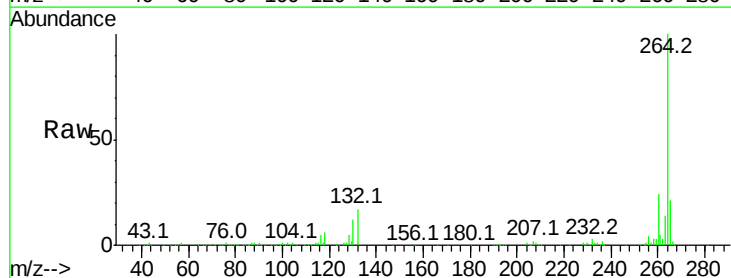
Tgt Ion:264 Resp: 293439

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.3 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

