

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
 Data File : BF092737.D
 Acq On : 2 Feb 2017 16:10
 Operator : SJ/MA
 Sample : PB96670BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96670BL

Quant Time: Feb 03 00:09:43 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	162320	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	682204	20.00	ng	-0.03
38) Acenaphthene-d10	9.98	164	341823	20.00	ng	-0.02
63) Phenanthrene-d10	11.46	188	582915	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	525886	20.00	ng	-0.05
86) Perylene-d12	15.56	264	432257	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1210510	127.94	ng	-0.02
7) Phenol-d6	6.58	99	1541879	126.66	ng	-0.02
23) Nitrobenzene-d5	7.50	82	1087950	88.81	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	341209	138.01	ng	-0.03
44) 2-Fluorobiphenyl	9.31	172	1892902	100.32	ng	-0.02
78) Terphenyl-d14	13.05	244	1636380	73.11	ng	-0.03

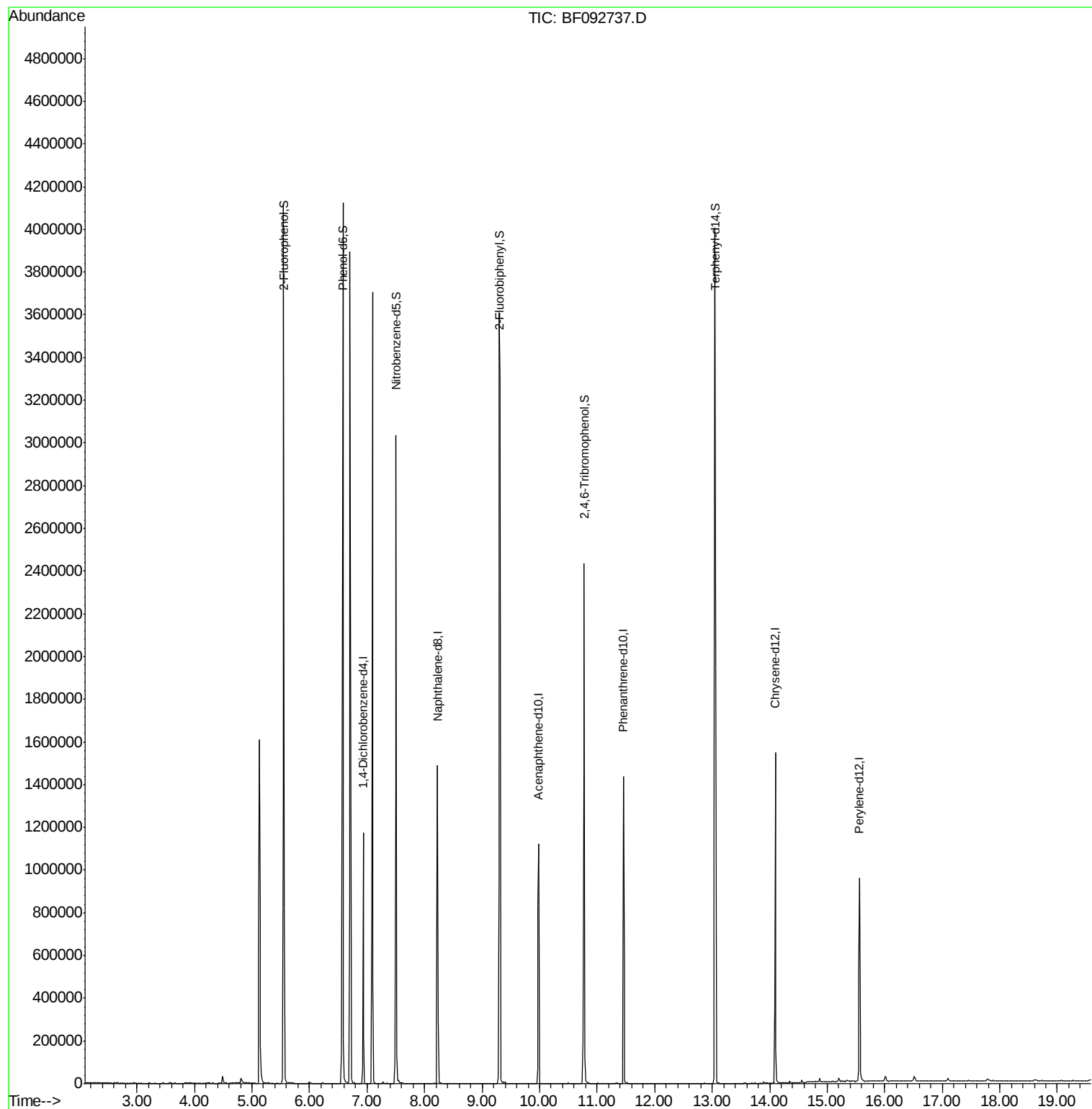
Target Compounds Qvalue

(#) = 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

Lab File: BF092737.D

Acq: 2 Feb 2017 16:10

Instrument :

BNA_F

ClientSampleId :

PB96670BL

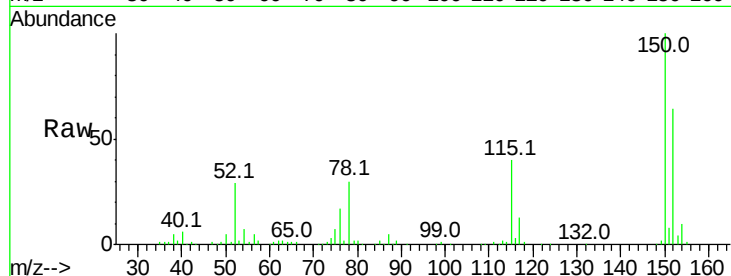
Tot Ion:152 Resp: 162320

Ion Ratio Lower Upper

152 100

150 156.1 124.9 187.3

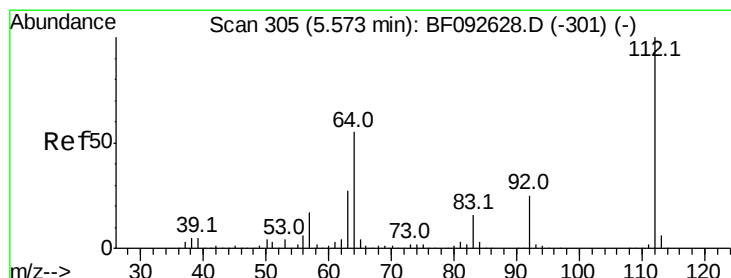
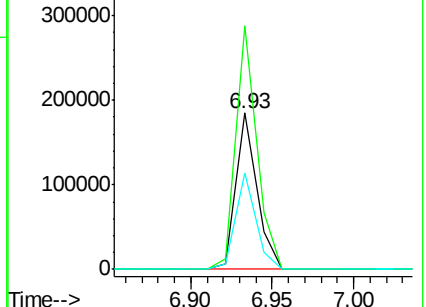
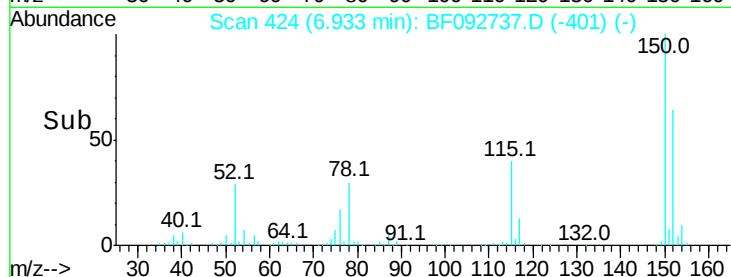
115 61.9 46.0 69.0



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: 127.94 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.02 min

Lab File: BF092737.D

Acq: 2 Feb 2017 16:10

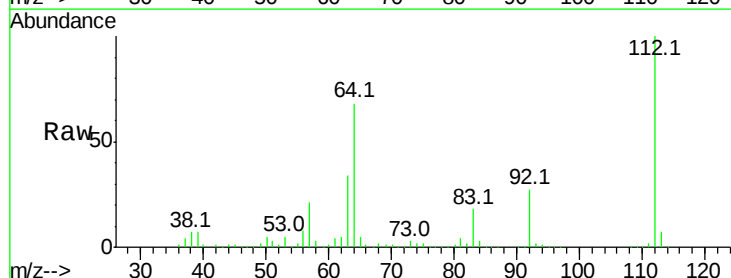
Tgt Ion:112 Resp: 1210510

Ion Ratio Lower Upper

112 100

64 67.8 46.1 69.1

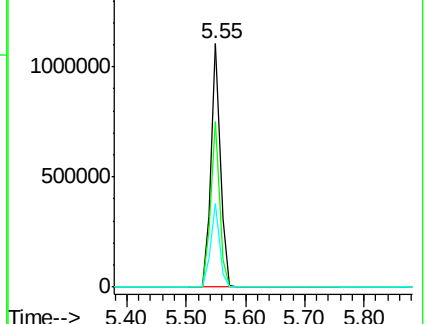
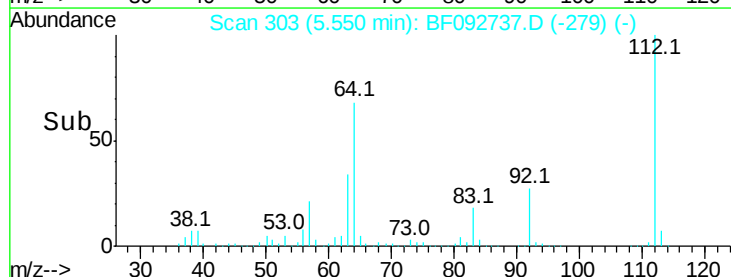
63 34.2 23.8 35.6

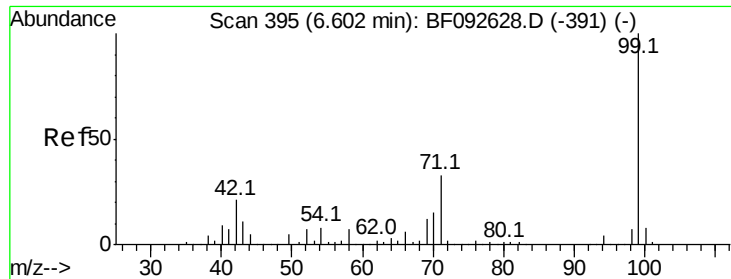


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.66 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092737.D

Acq: 2 Feb 2017 16:10

Instrument :

BNA_F

ClientSampleId :

PB96670BL

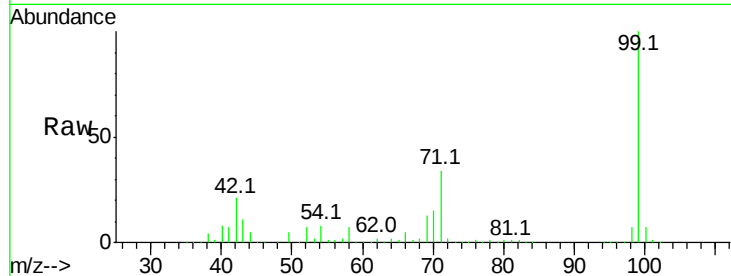
Tot Ion: 99 Resp: 1541879

Ion Ratio Lower Upper

99 100

42 20.7 15.6 23.4

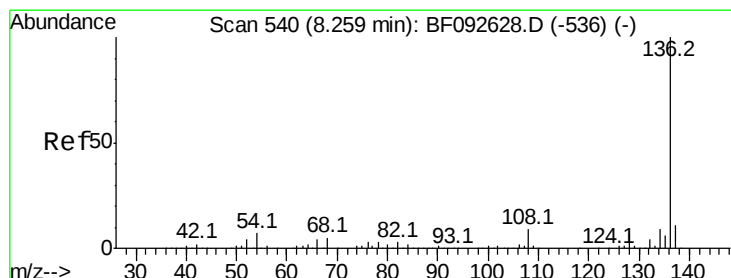
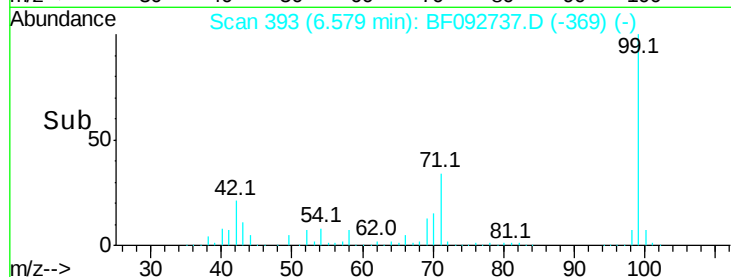
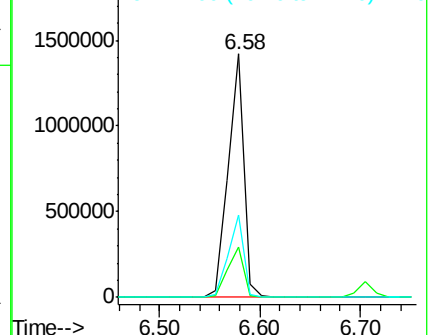
71 33.6 27.5 41.3



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: 8.22 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF092737.D

Acq: 2 Feb 2017 16:10

Tgt Ion:136 Resp: 682204

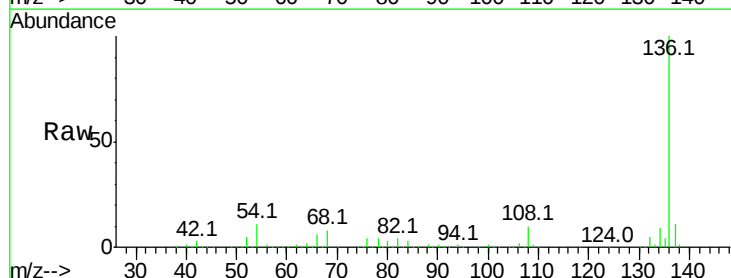
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 11.0 4.5 6.7#

68 7.9 3.6 5.4#

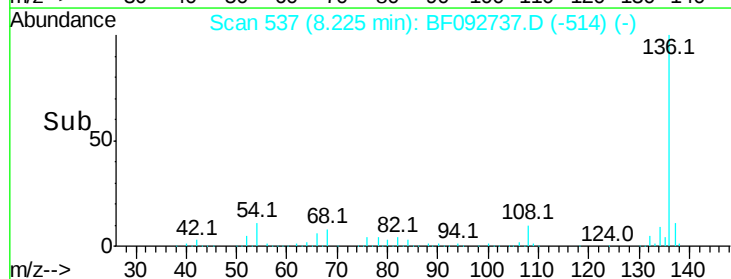
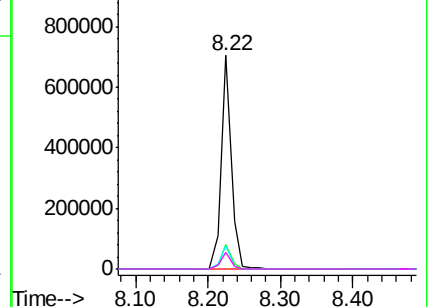


Abundance Ion 136.00 (135.70 to 136.70): E

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

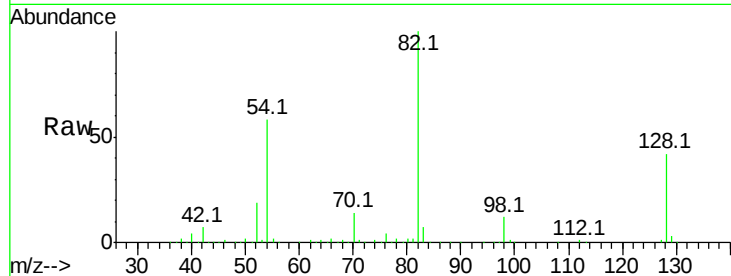




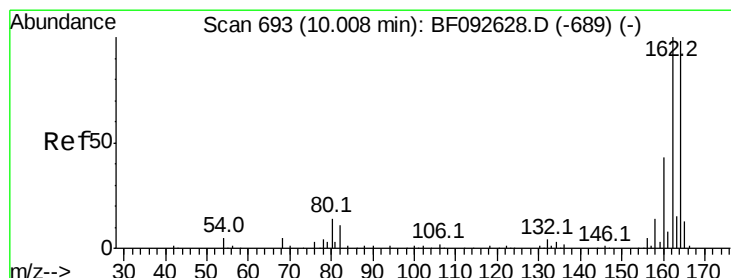
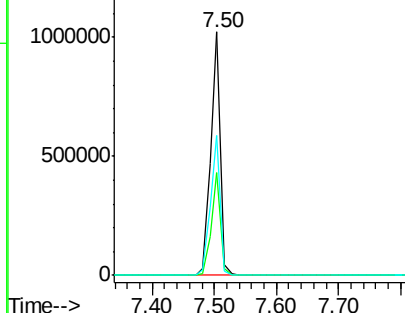
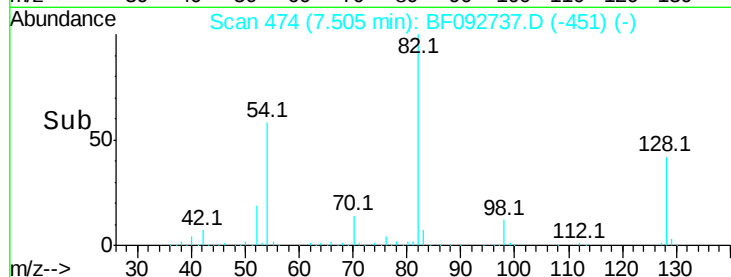
#23
Nitrobenzene-d5
Concen: 88.81 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF092737.D
Acq: 2 Feb 2017 16:10

Instrument :
BNA_F
ClientSampled :
PB96670BL

Tot Ion: 82 Resp: 1087950
Ion Ratio Lower Upper
82 100
128 42.1 34.6 52.0
54 57.7 39.5 59.3

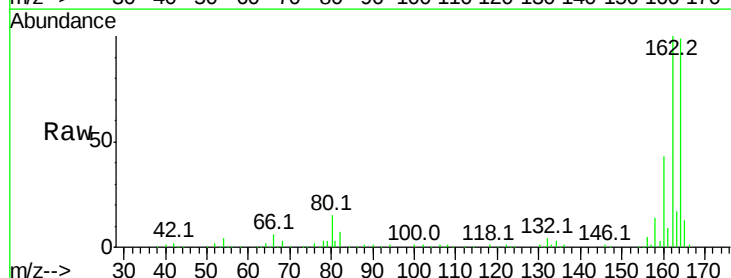


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

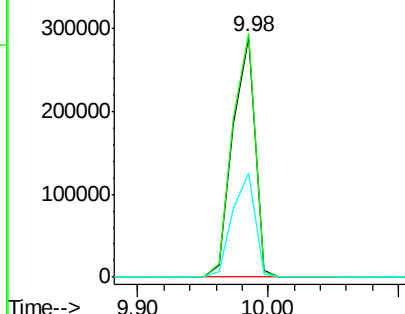
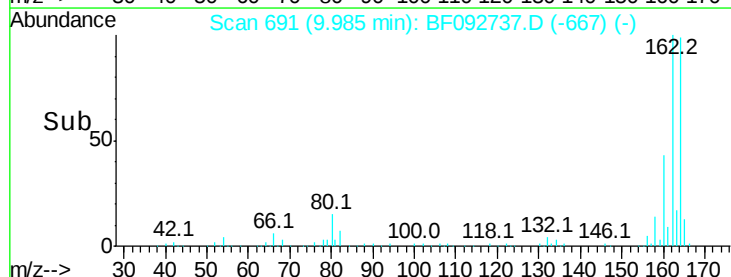


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF092737.D
Acq: 2 Feb 2017 16:10

Tgt Ion:164 Resp: 341823
Ion Ratio Lower Upper
164 100
162 101.3 80.2 120.2
160 43.5 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

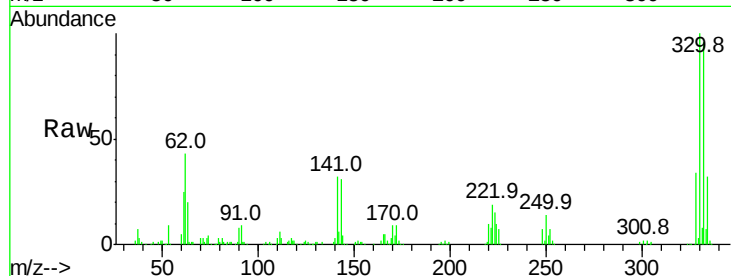




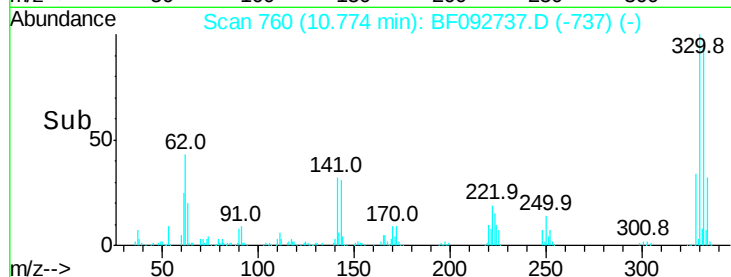
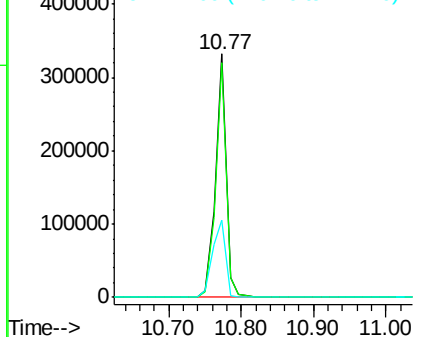
#41
 2,4,6-Tribromophenol
 Concen: 138.01 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092737.D
 Acq: 2 Feb 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB96670BL

Tot Ion:330 Resp: 341209
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.2
 141 38.9 34.1 51.1

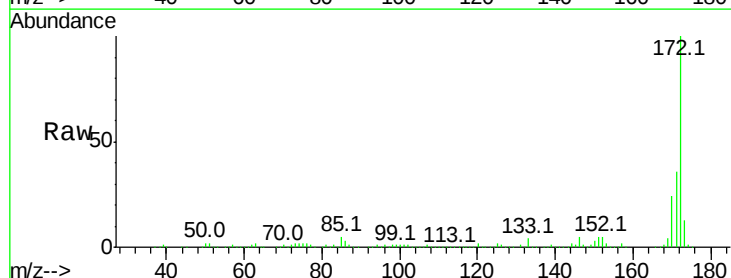


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

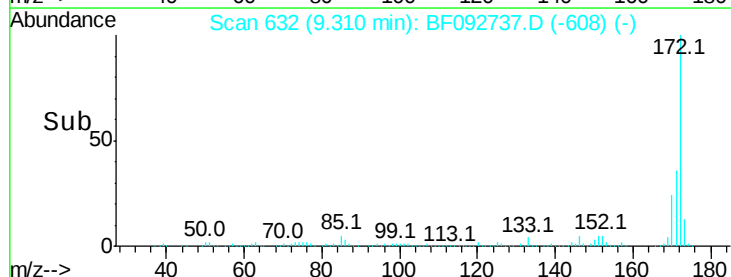
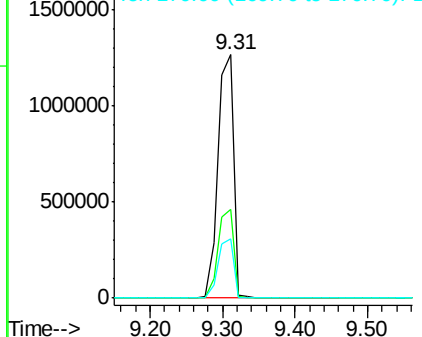


#44
 2-Fluorobiphenyl
 Concen: 100.32 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF092737.D
 Acq: 2 Feb 2017 16:10

Tgt Ion:172 Resp: 1892902
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.3 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

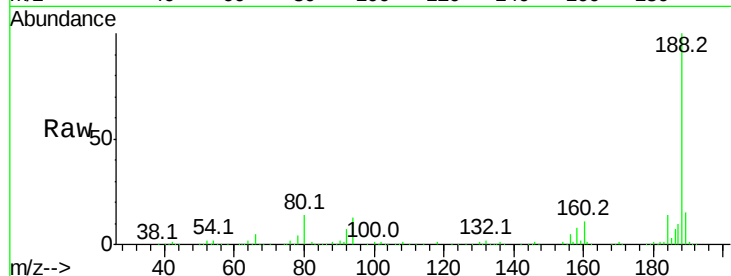




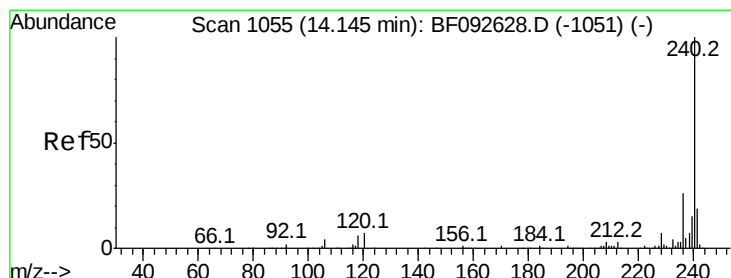
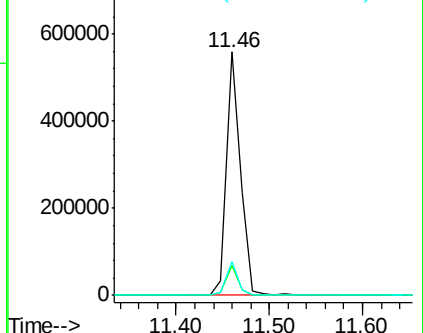
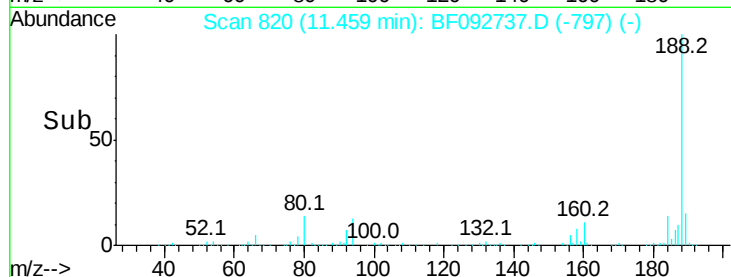
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF092737.D
Acq: 2 Feb 2017 16:10

Instrument :
BNA_F
ClientSampleId :
PB96670BL

Tot Ion:188 Resp: 582915
Ion Ratio Lower Upper
188 100
94 12.5 10.0 15.0
80 14.0 11.2 16.8

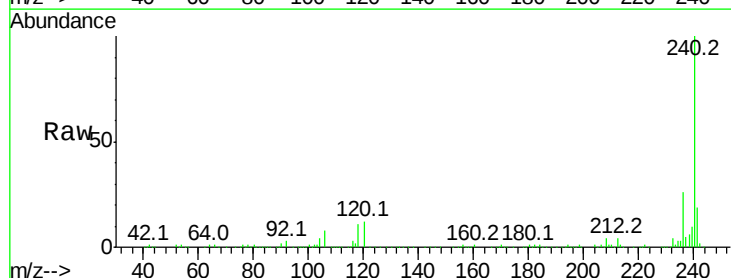


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

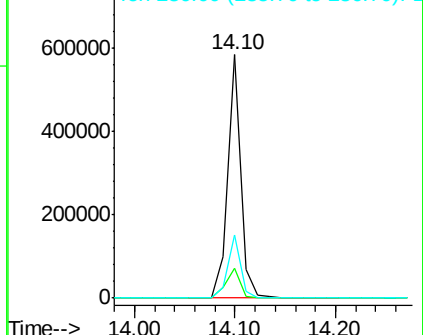
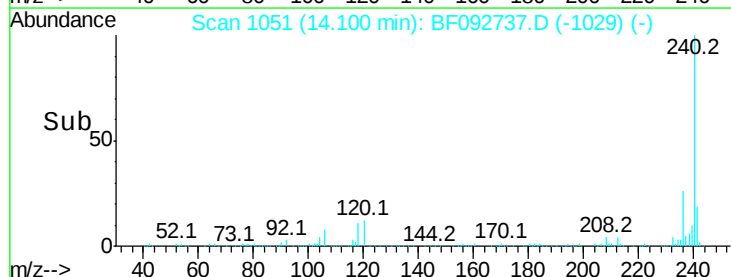


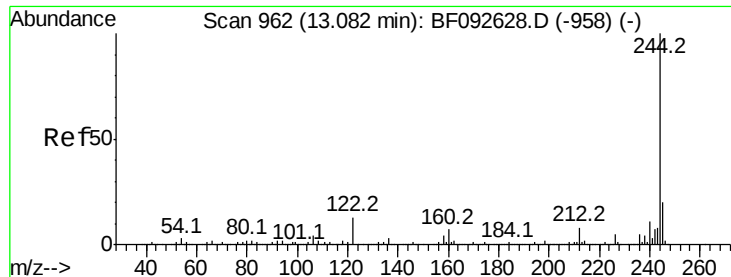
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.10 min Scan# 1051
Delta R.T. -0.05 min
Lab File: BF092737.D
Acq: 2 Feb 2017 16:10

Tgt Ion:240 Resp: 525886
Ion Ratio Lower Upper
240 100
120 12.3 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: 73.11 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092737.D

Acq: 2 Feb 2017 16:10

Instrument :

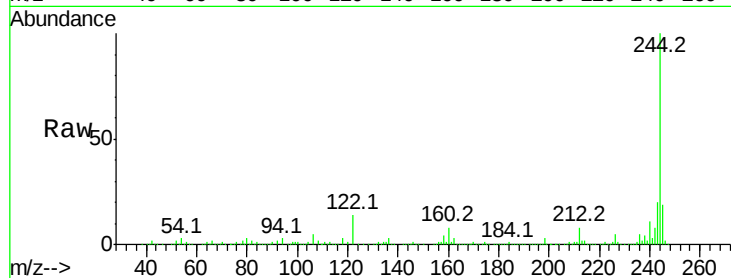
BNA_F

ClientSampleId :

PB96670BL

Tot Ion:244 Resp: 1636380

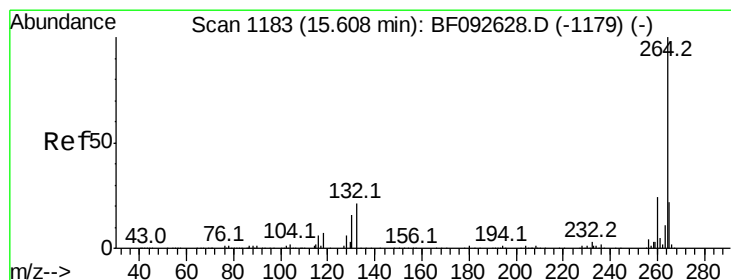
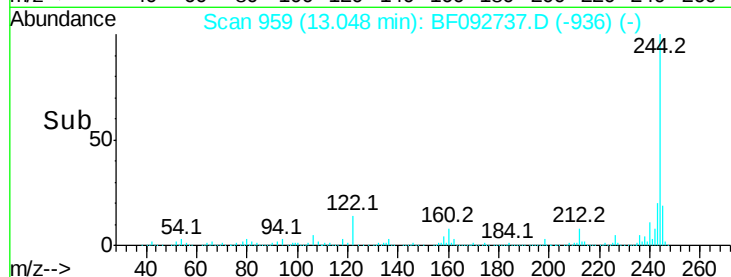
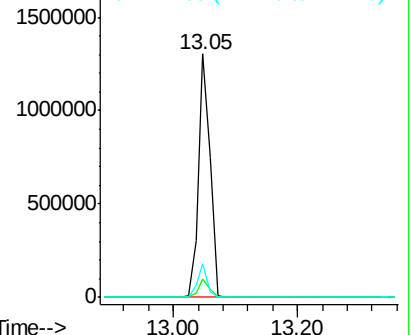
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	13.8	11.4	17.2



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: 15.56 min Scan# 1179

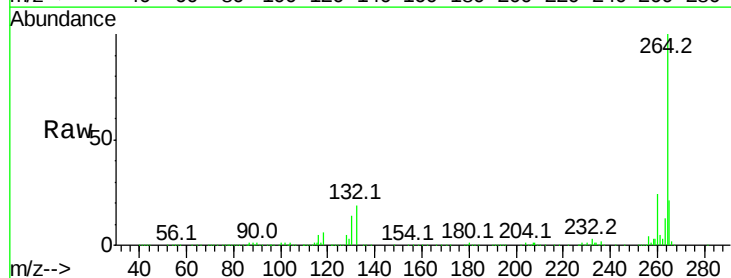
Delta R.T. -0.05 min

Lab File: BF092737.D

Acq: 2 Feb 2017 16:10

Tgt Ion:264 Resp: 432257

Ion	Ratio	Lower	Upper
264	100		
260	24.4	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

