

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090350.D
 Acq On : 4 Oct 2016 19:07
 Operator : UM/SJ
 Sample : PB93723BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93723BL

Quant Time: Oct 05 03:26:40 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 14:16:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	252164	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	958270	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	478559	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	714545	20.00	ng	0.00
75) Chrysene-d12	14.19	240	527596	20.00	ng	0.00
86) Perylene-d12	15.70	264	410917	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1753256	109.66	ng	0.00
7) Phenol-d6	6.62	99	1933211	96.74	ng	0.00
23) Nitrobenzene-d5	7.57	82	1485843	90.38	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	384893	92.60	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2353501	80.18	ng	0.00
78) Terphenyl-d14	13.14	244	1861771	82.15	ng	0.00

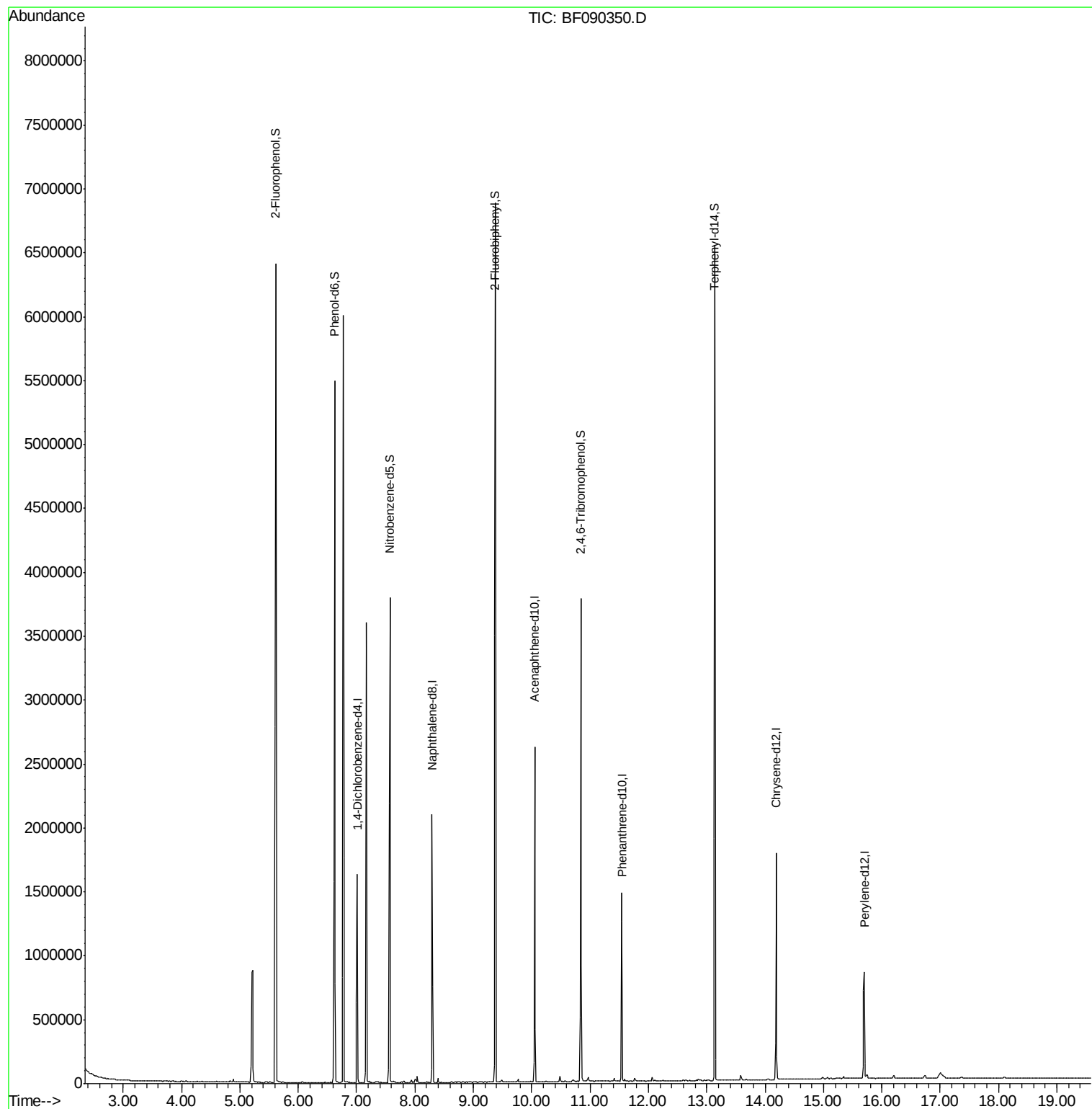
Target Compounds	Qvalue
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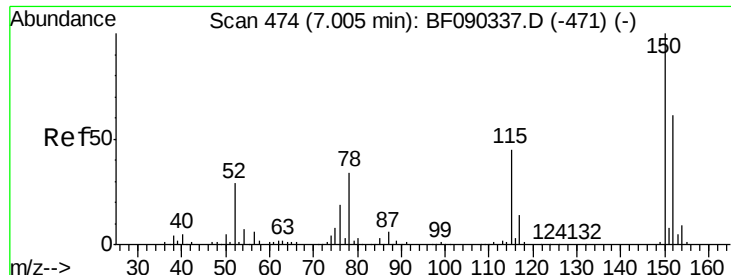
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.01 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF090350.D

Acq: 4 Oct 2016 19:07

Instrument :

BNA_F

ClientSampleId :

PB93723BL

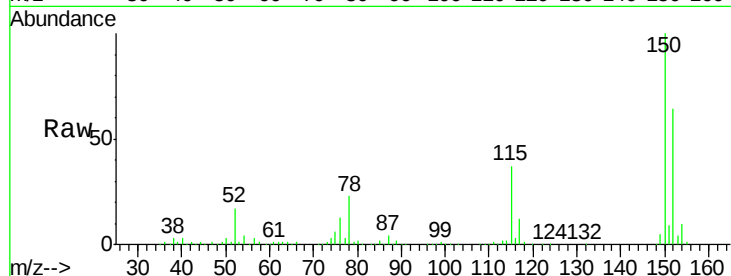
Tgt Ion:152 Resp: 252164

Ion Ratio Lower Upper

152 100

150 157.5 124.6 186.8

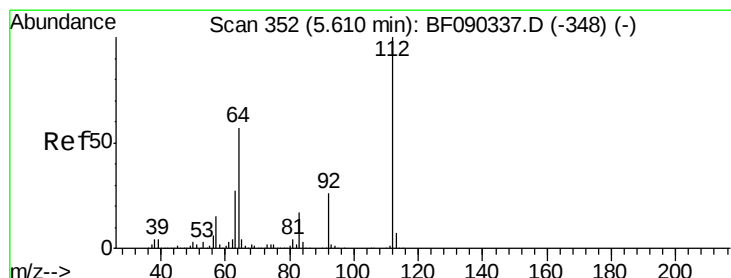
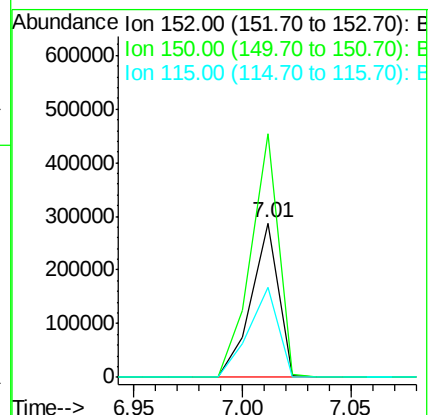
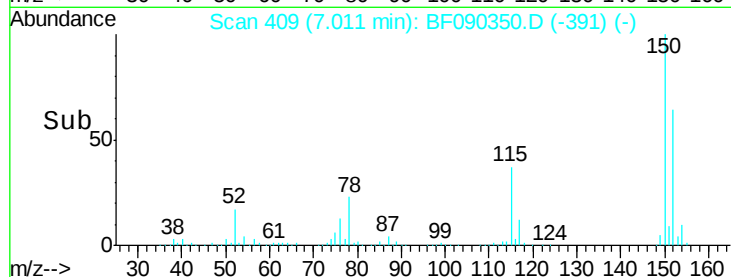
115 57.9 46.2 69.4



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: 109.66 ng

RT: 5.62 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090350.D

Acq: 4 Oct 2016 19:07

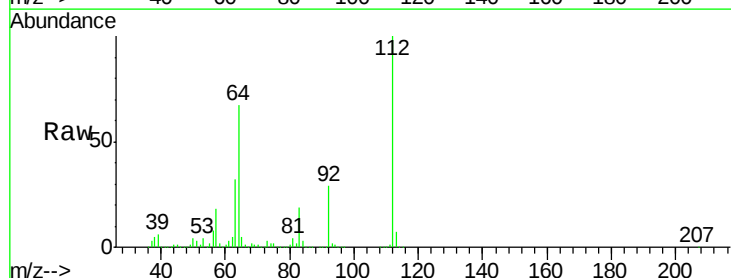
Tgt Ion:112 Resp: 1753256

Ion Ratio Lower Upper

112 100

64 67.2 57.9 86.9

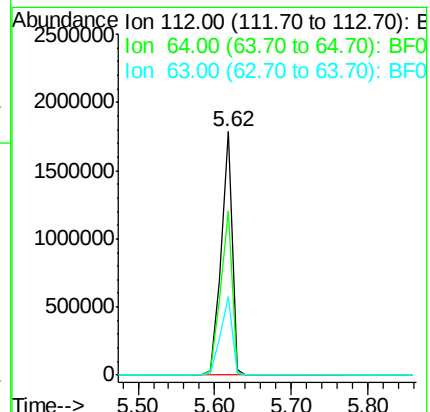
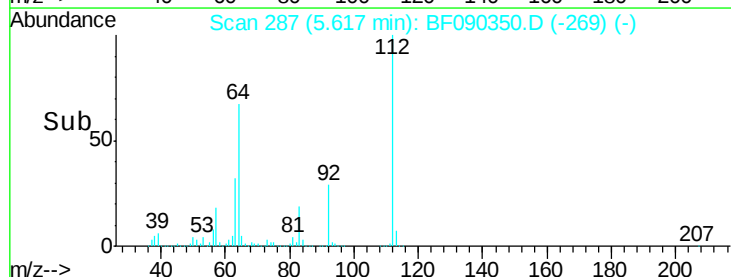
63 32.4 29.6 44.4

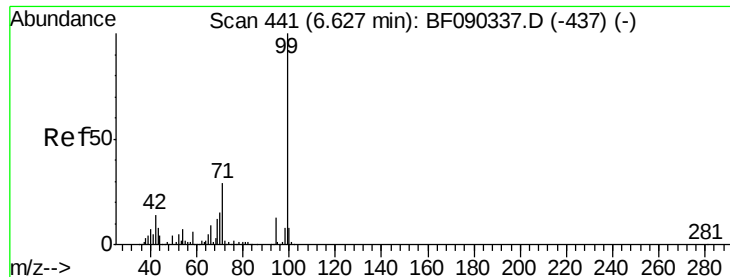


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 96.74 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090350.D

Acq: 4 Oct 2016 19:07

Instrument :

BNA_F

ClientSampleId :

PB93723BL

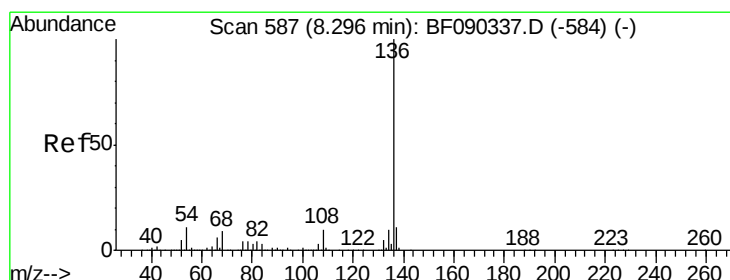
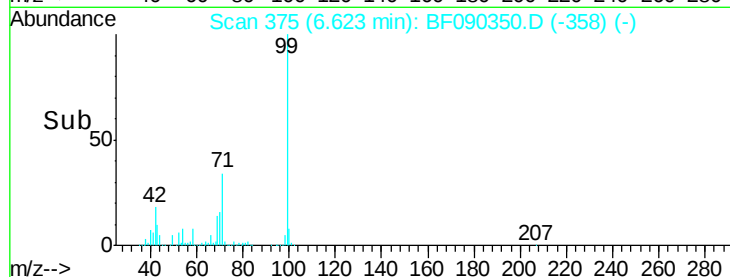
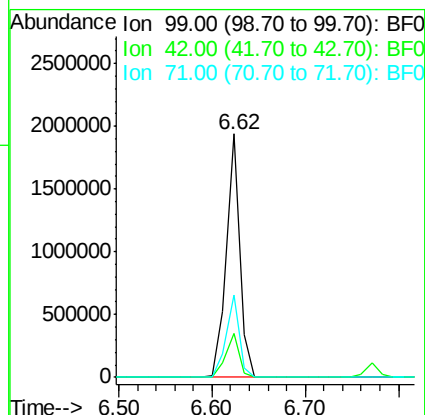
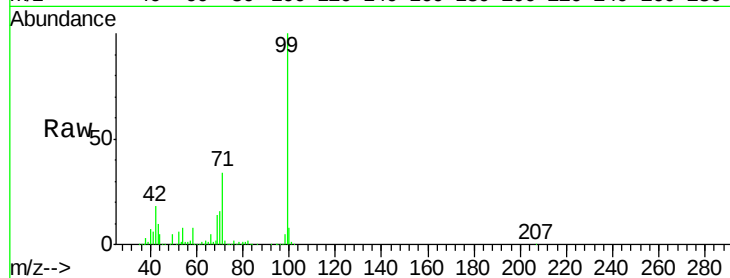
Tgt Ion: 99 Resp: 1933211

Ion Ratio Lower Upper

99 100

42 18.1 20.0 30.0#

71 33.7 27.9 41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.29 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF090350.D

Acq: 4 Oct 2016 19:07

Tgt Ion: 136 Resp: 958270

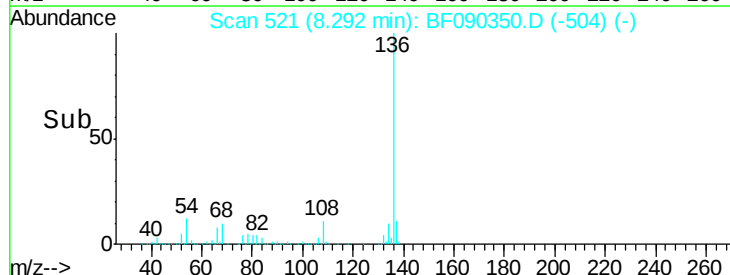
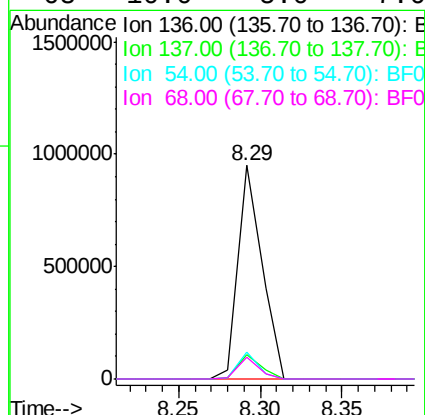
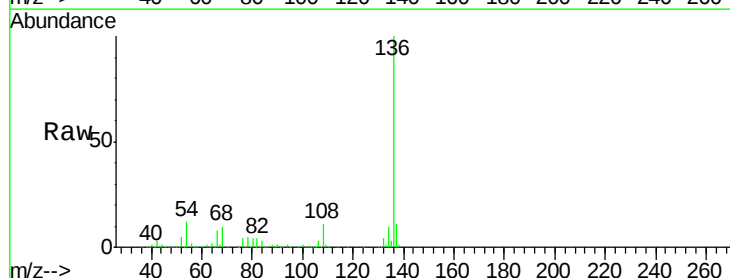
Ion Ratio Lower Upper

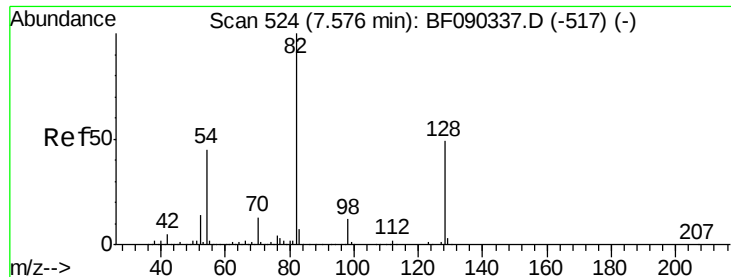
136 100

137 11.5 9.0 13.6

54 12.5 6.6 10.0#

68 10.0 5.0 7.6#

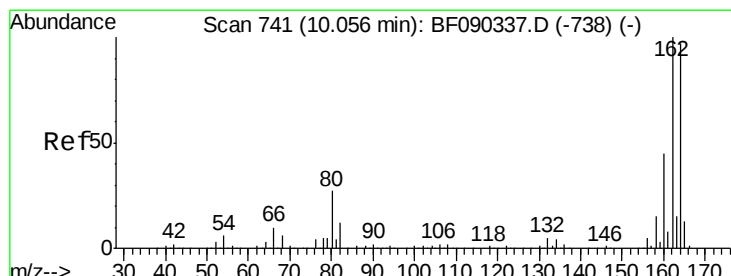
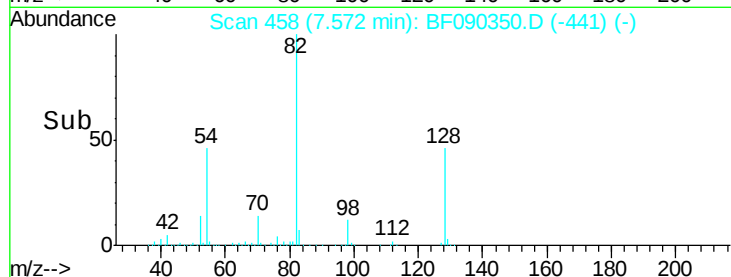
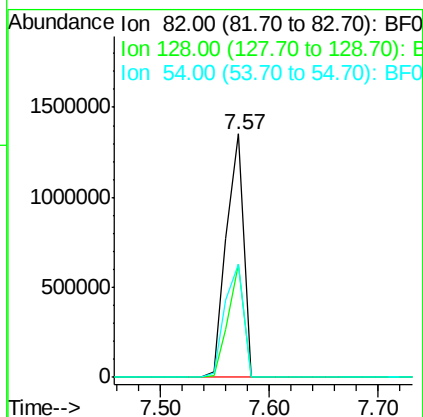
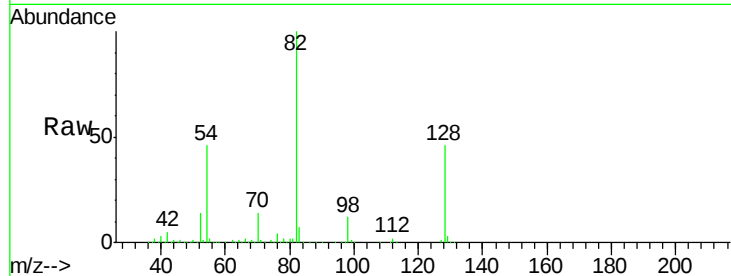




#23
Nitrobenzene-d5
Concen: 90.38 ng
RT: 7.57 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF090350.D
Acq: 4 Oct 2016 19:07

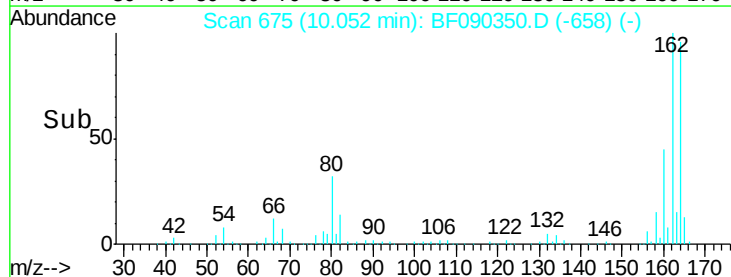
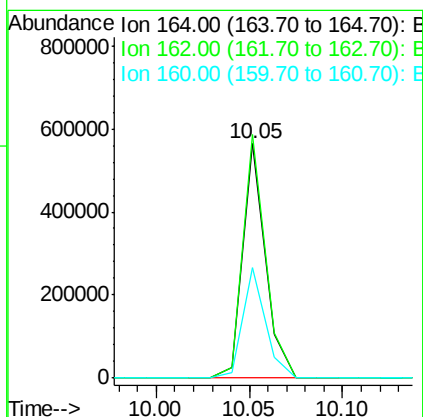
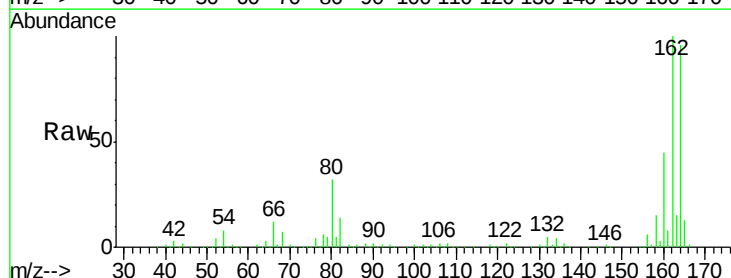
Instrument :
BNA_F
ClientSampled :
PB93723BL

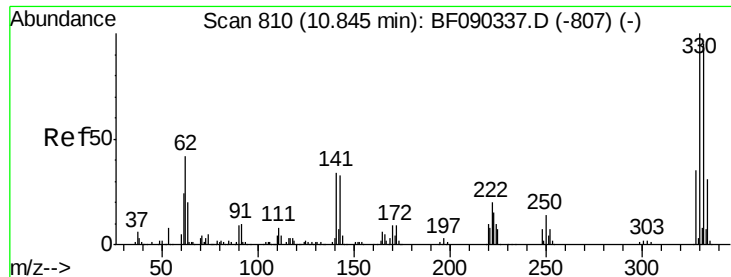
Tgt Ion: 82 Resp: 1485843
Ion Ratio Lower Upper
82 100
128 46.2 40.0 60.0
54 46.5 42.6 64.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF090350.D
Acq: 4 Oct 2016 19:07

Tgt Ion: 164 Resp: 478559
Ion Ratio Lower Upper
164 100
162 103.9 80.1 120.1
160 47.1 36.3 54.5

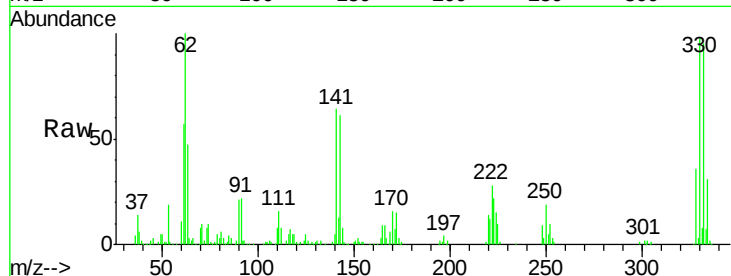




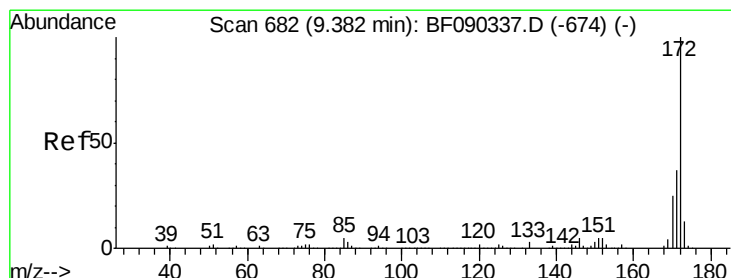
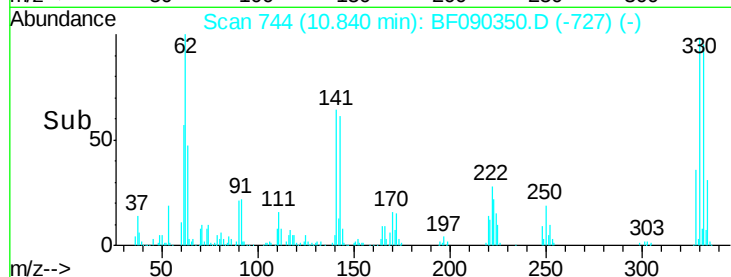
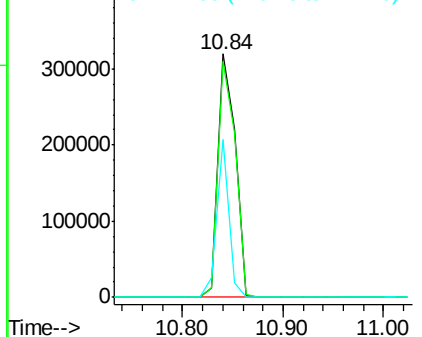
#41
 2,4,6-Tribromophenol
 Concen: 92.60 ng
 RT: 10.84 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: BF090350.D
 Acq: 4 Oct 2016 19:07

Instrument :
 BNA_F
 ClientSampleId :
 PB93723BL

Tgt Ion:330 Resp: 384893
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.4 113.0
 141 45.0 26.9 40.3#

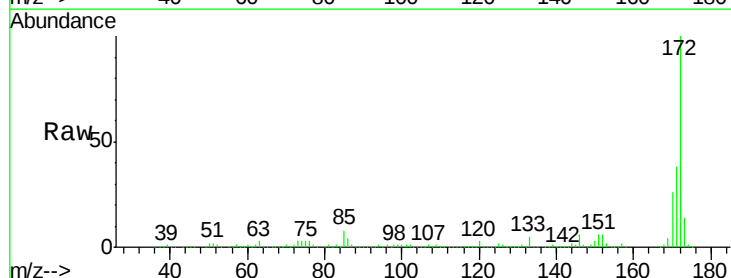


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

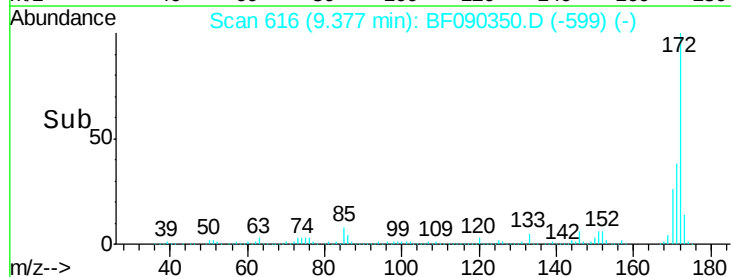
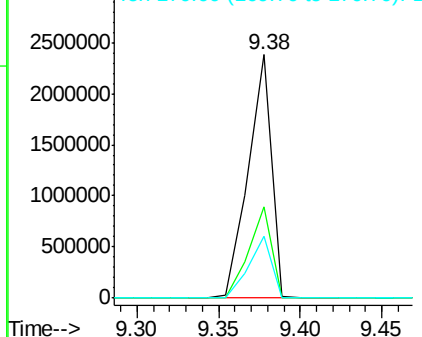


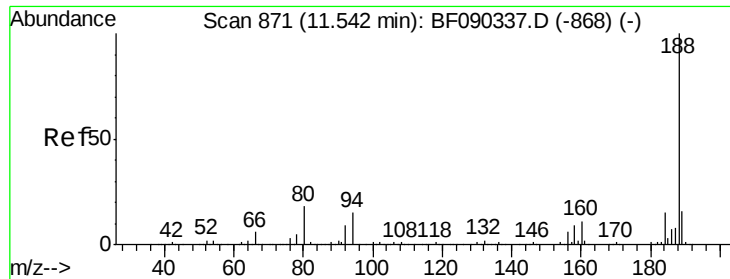
#44
 2-Fluorobiphenyl
 Concen: 80.18 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090350.D
 Acq: 4 Oct 2016 19:07

Tgt Ion:172 Resp: 2353501
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.8 47.8
 170 25.5 21.7 32.5



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

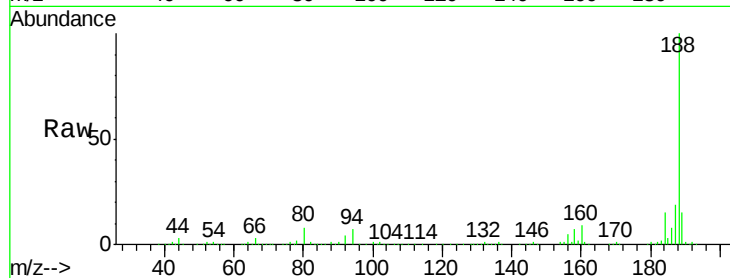




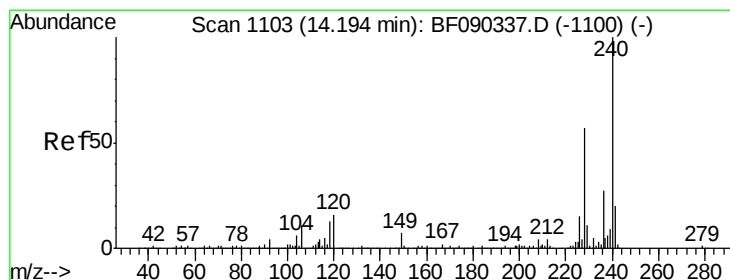
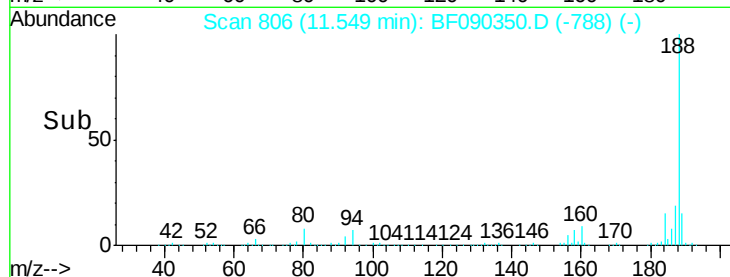
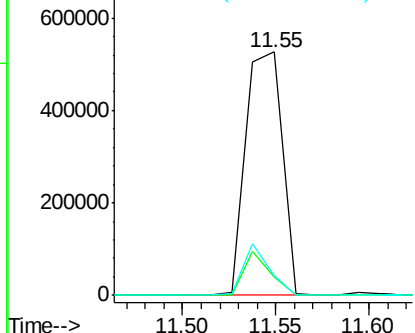
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF090350.D
Acq: 4 Oct 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PB93723BL

Tgt Ion:188 Resp: 714545
Ion Ratio Lower Upper
188 100
94 7.4 8.2 12.2#
80 8.2 8.8 13.2#

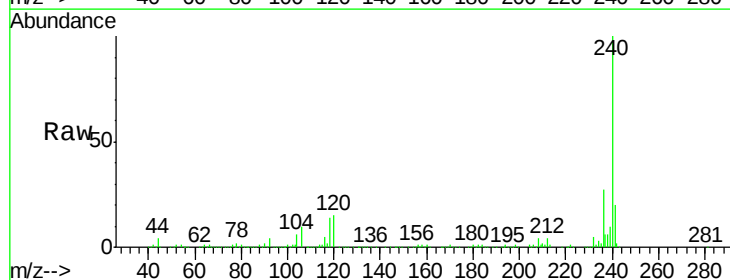


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

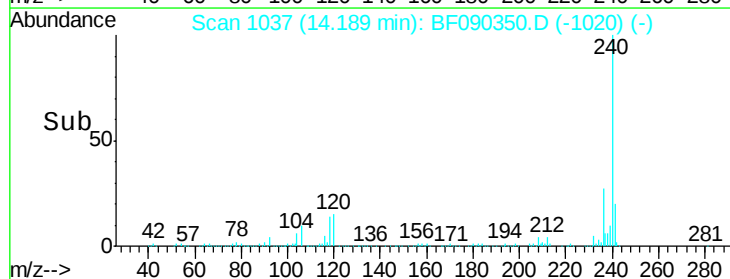
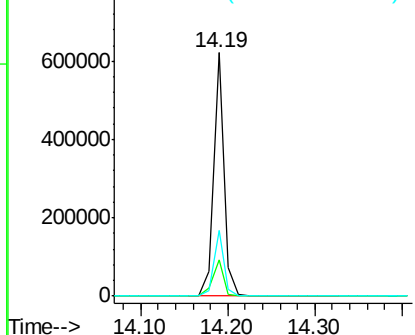


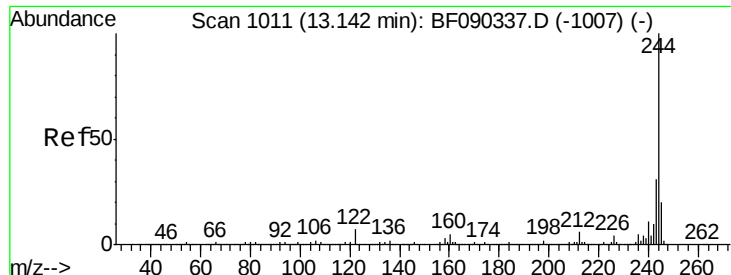
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF090350.D
Acq: 4 Oct 2016 19:07

Tgt Ion:240 Resp: 527596
Ion Ratio Lower Upper
240 100
120 15.2 8.6 13.0#
236 26.9 21.6 32.4



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: 82.15 ng

RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090350.D

Acq: 4 Oct 2016 19:07

Instrument :

BNA_F

ClientSampleId :

PB93723BL

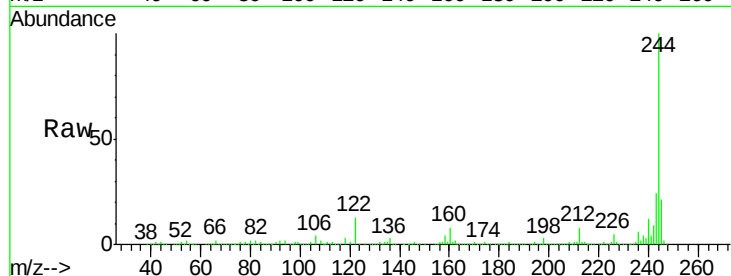
Tgt Ion:244 Resp: 1861771

Ion Ratio Lower Upper

244 100

212 7.7 6.8 10.2

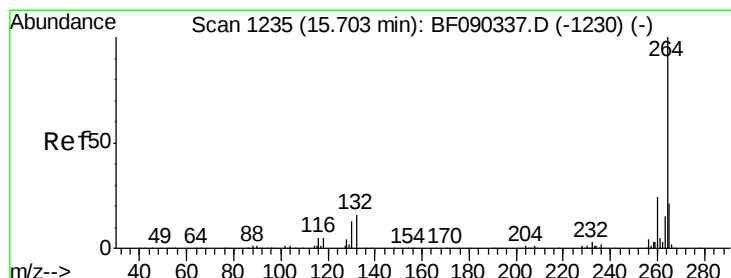
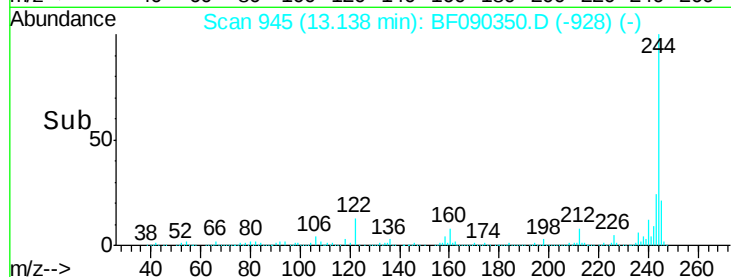
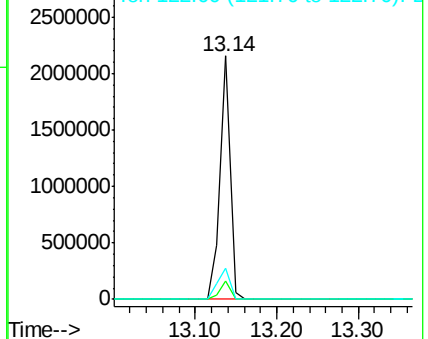
122 13.0 13.3 19.9#



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: 15.70 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF090350.D

Acq: 4 Oct 2016 19:07

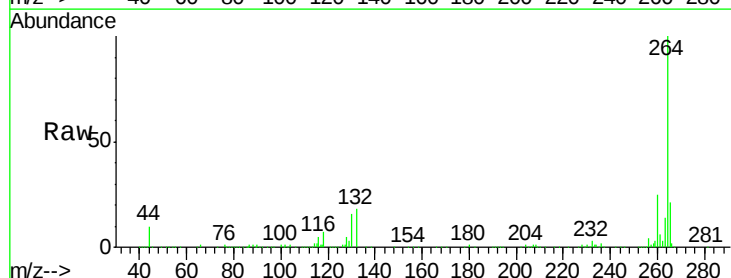
Tgt Ion:264 Resp: 410917

Ion Ratio Lower Upper

264 100

260 24.7 19.3 28.9

265 21.1 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

