

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061516\
 Data File : BE091921.D
 Acq On : 15 Jun 2016 12:41
 Operator : UM/SJ
 Sample : PB91033BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB91033BL

Quant Time: Jun 15 14:34:04 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 15 12:00:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	45536	5.00	ng	0.00
8) Naphthalene-d8	11.02	136	197578	5.00	ng	0.02
15) Acenaphthene-d10	14.86	164	140460	5.00	ng	0.00
24) Phenanthrene-d10	17.61	188	307358	5.00	ng	0.00
31) Chrysene-d12	21.76	240	471668	5.00	ng	0.00
40) Perylene-d12	24.16	264	360289	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	60515	6.80	ng	0.00
5) Phenol-d6	7.37	99	81241	5.60	ng	0.02
9) Nitrobenzene-d5	9.36	82	46479	3.41	ng	0.00
16) 2,4,6-Tribromophenol	16.35	330	20308	5.58	ng	0.00
17) 2-Fluorobiphenyl	13.49	172	117590	3.30	ng	0.00
34) Terphenyl-d14	20.22	244	192931	3.34	ng	0.00

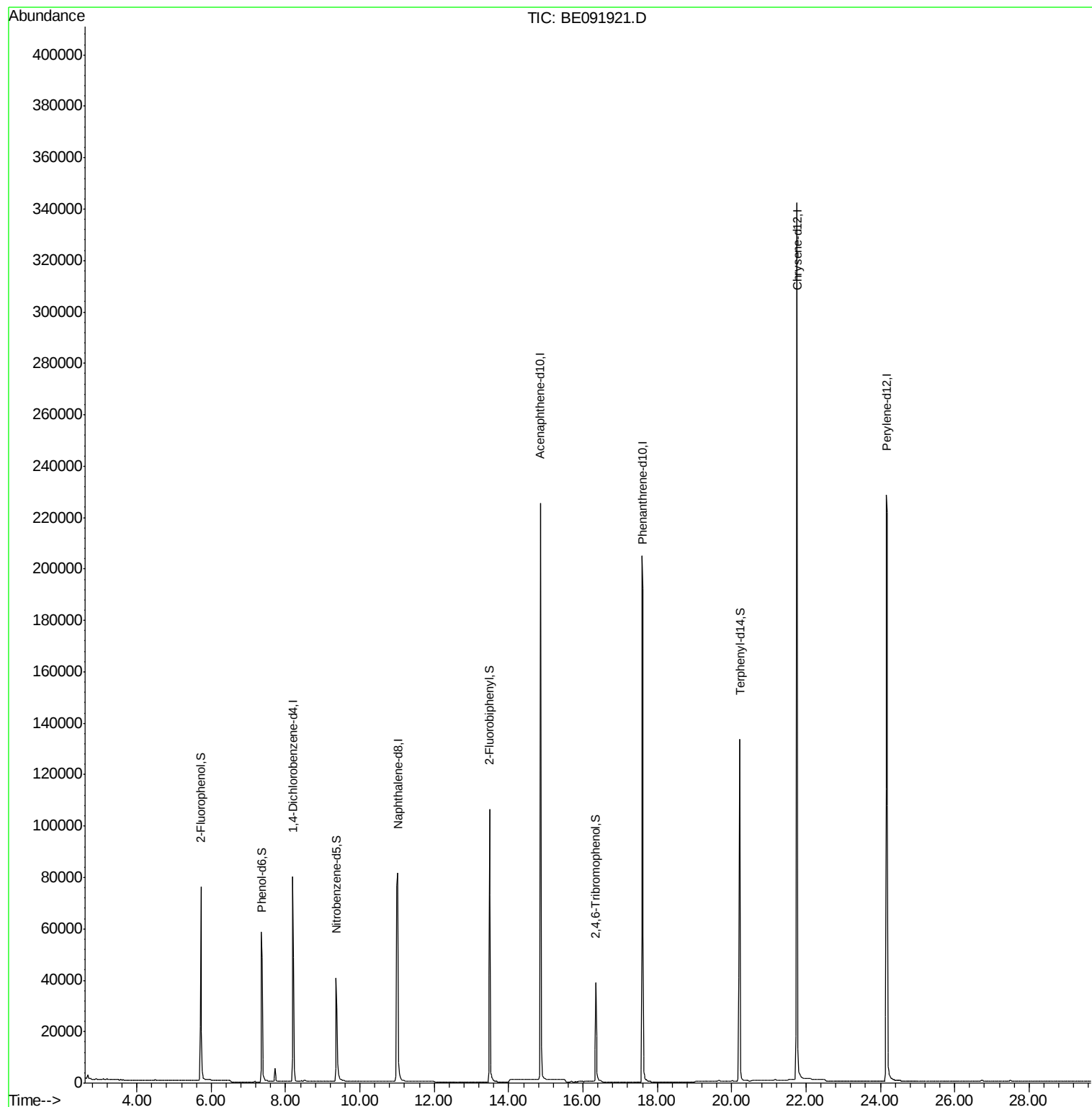
Target Compounds	Qvalue
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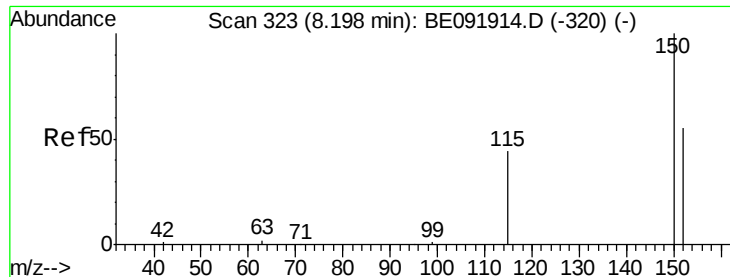
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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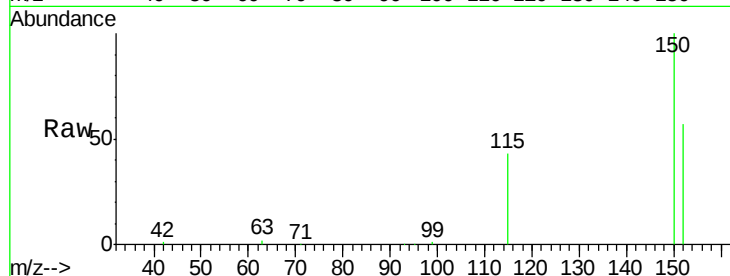


#1

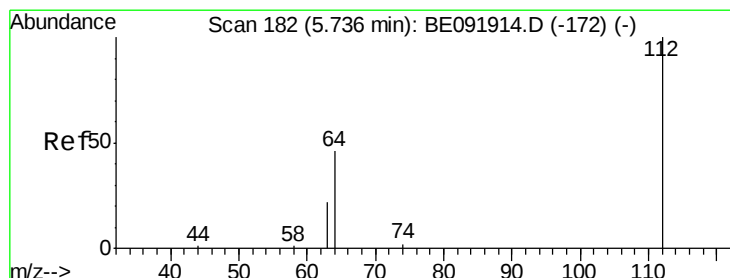
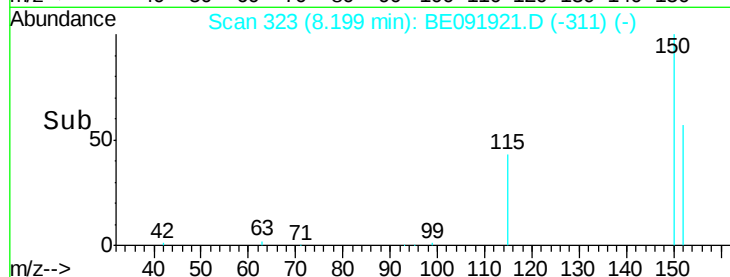
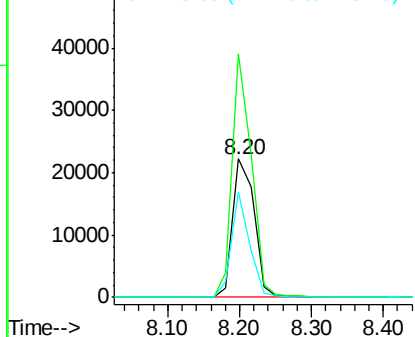
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.20 min Scan# 323
Delta R.T. -0.00 min
Lab File: BE091921.D
Acq: 15 Jun 2016 12:41

Instrument :
BNA_E
ClientSampleId :
PB91033BL

Tgt Ion:152 Resp: 45536
Ion Ratio Lower Upper
152 100
150 176.2 123.9 185.9
115 76.0 48.3 72.5#



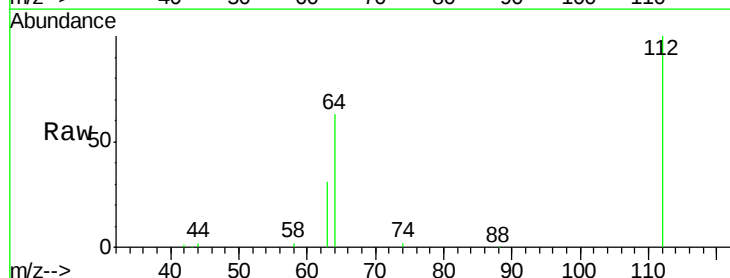
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



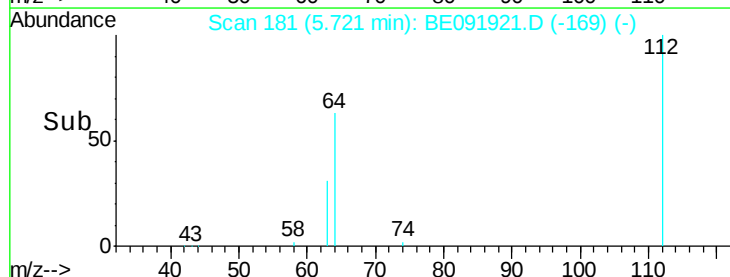
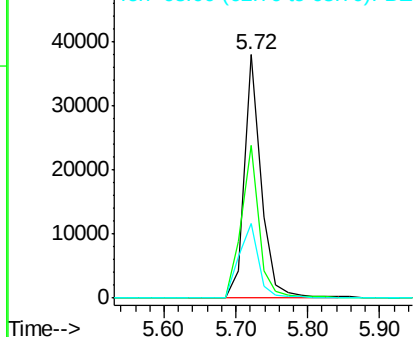
#4

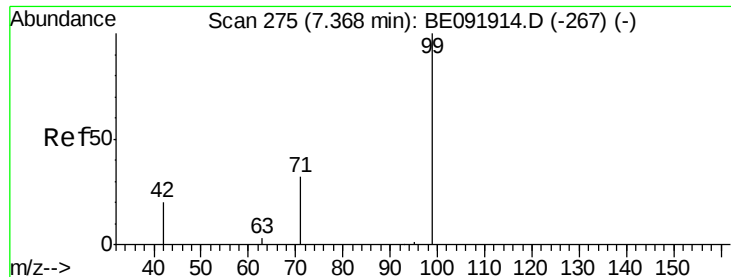
2-Fluorophenol
Concen: 6.80 ng
RT: 5.72 min Scan# 181
Delta R.T. 0.00 min
Lab File: BE091921.D
Acq: 15 Jun 2016 12:41

Tgt Ion:112 Resp: 60515
Ion Ratio Lower Upper
112 100
64 66.4 53.7 80.5
63 35.7 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 5.60 ng

RT: 7.37 min Scan# 275

Delta R.T. 0.02 min

Lab File: BE091921.D

Acq: 15 Jun 2016 12:41

Instrument :

BNA_E

ClientSampleId :

PB91033BL

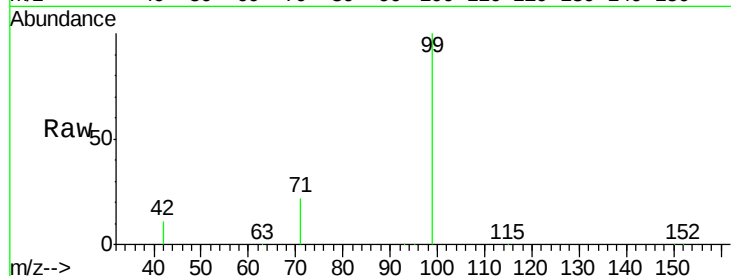
Tgt Ion: 99 Resp: 81241

Ion Ratio Lower Upper

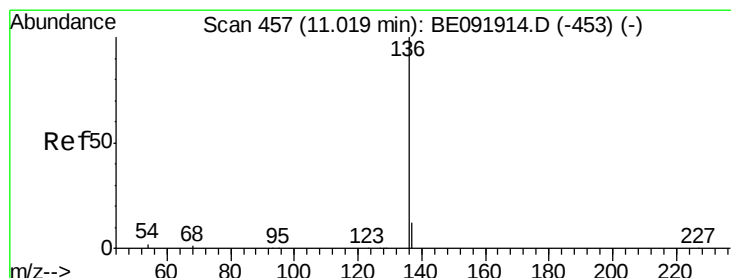
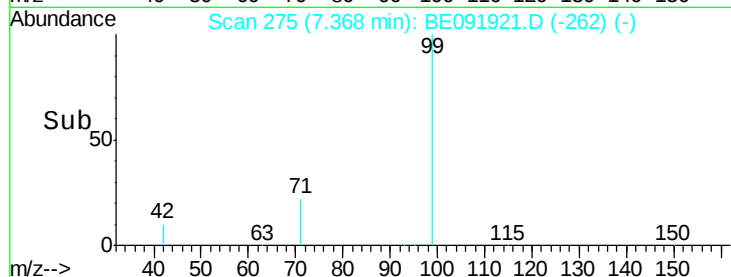
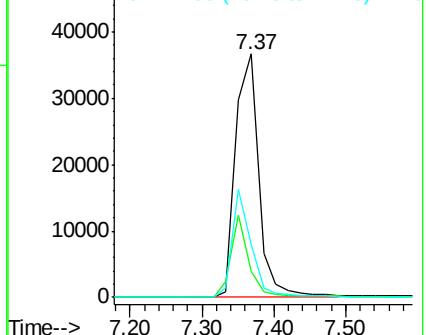
99 100

42 25.7 19.6 29.4

71 36.3 28.1 42.1



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 11.02 min Scan# 457

Delta R.T. 0.02 min

Lab File: BE091921.D

Acq: 15 Jun 2016 12:41

Tgt Ion: 136 Resp: 197578

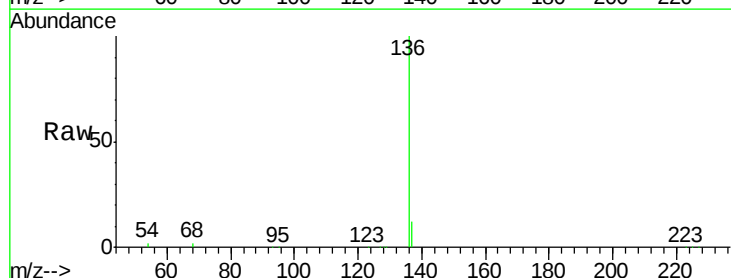
Ion Ratio Lower Upper

136 100

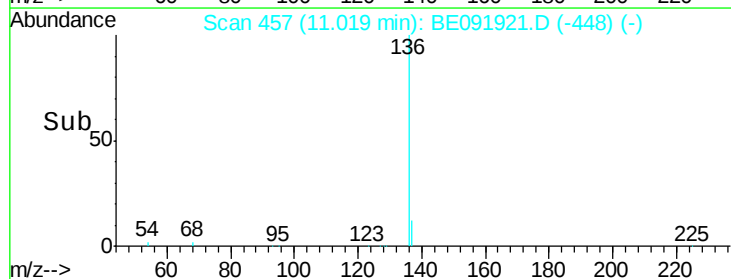
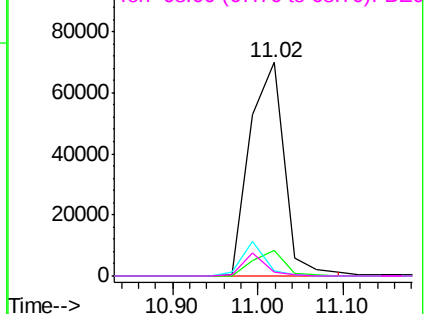
137 12.2 8.3 12.5

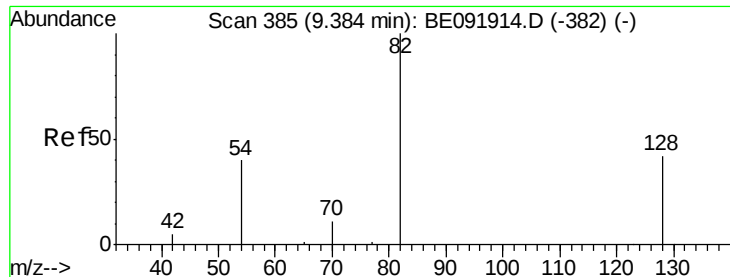
54 2.2 8.2 12.4#

68 1.7 5.9 8.9#



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): BE0
Ion 68.00 (67.70 to 68.70): BE0





#9

Nitrobenzene-d5

Concen: 3.41 ng

RT: 9.36 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE091921.D

Acq: 15 Jun 2016 12:41

Instrument :

BNA_E

ClientSampleId :

PB91033BL

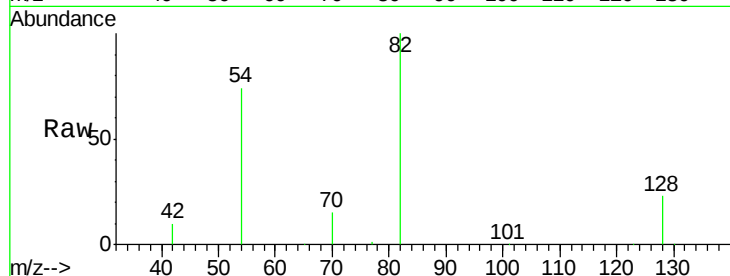
Tgt Ion: 82 Resp: 46479

Ion Ratio Lower Upper

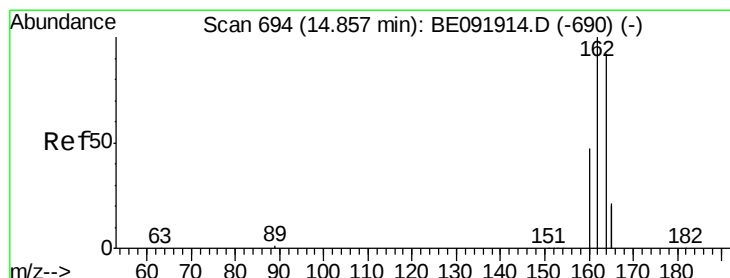
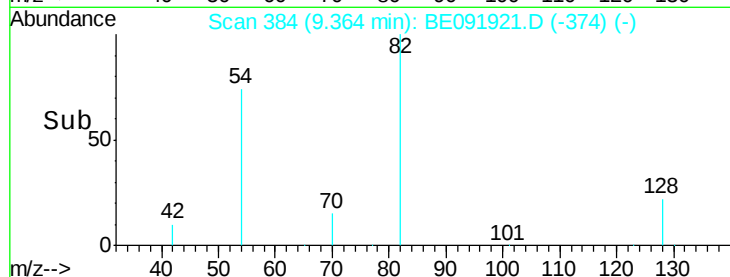
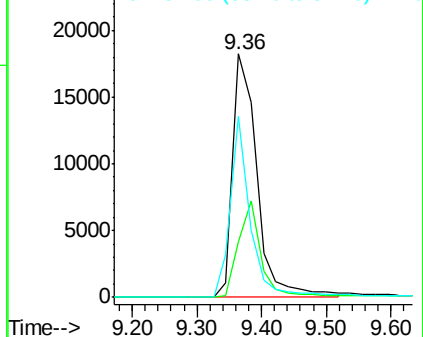
82 100

128 22.6 39.5 59.3#

54 74.1 30.3 45.5#



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. 0.00 min

Lab File: BE091921.D

Acq: 15 Jun 2016 12:41

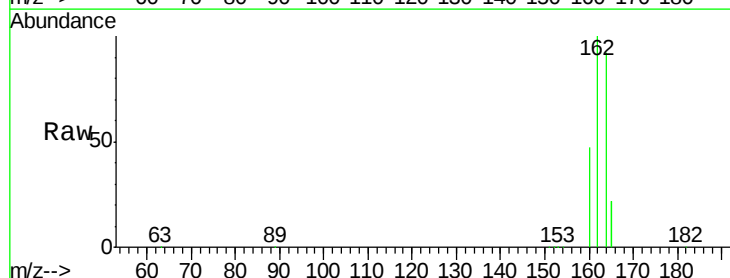
Tgt Ion: 164 Resp: 140460

Ion Ratio Lower Upper

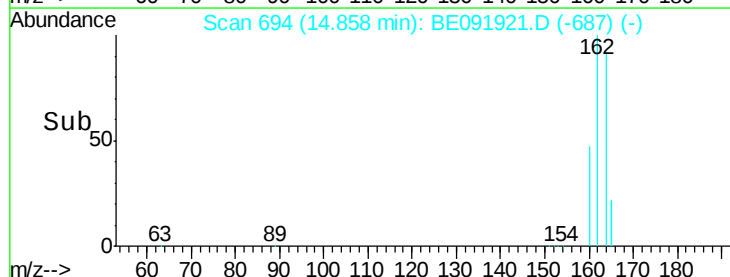
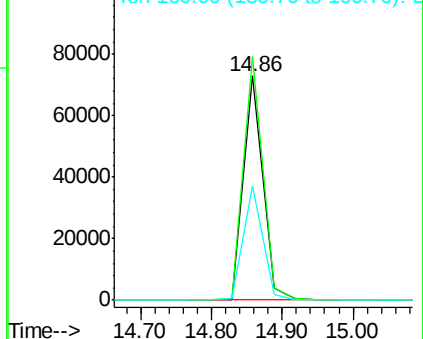
164 100

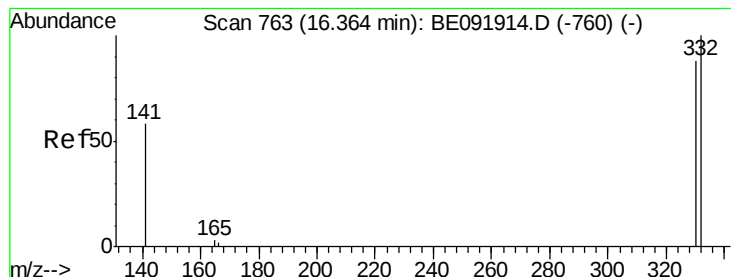
162 108.6 71.8 107.8#

160 50.9 28.0 42.0#



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

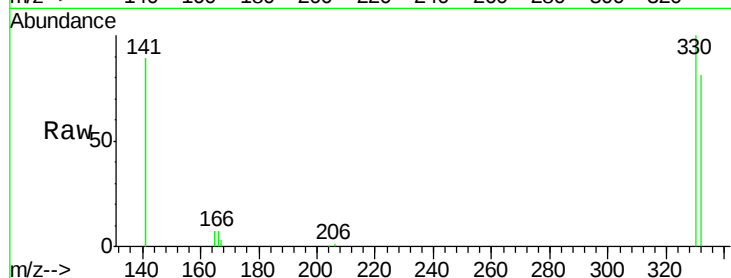




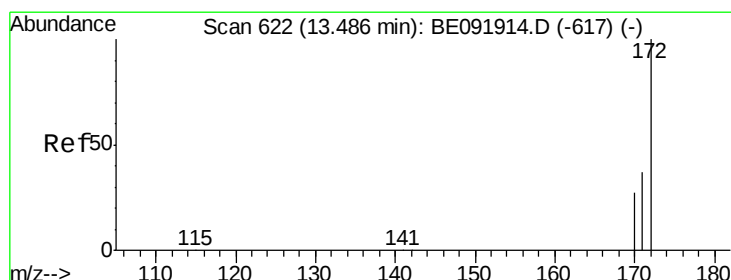
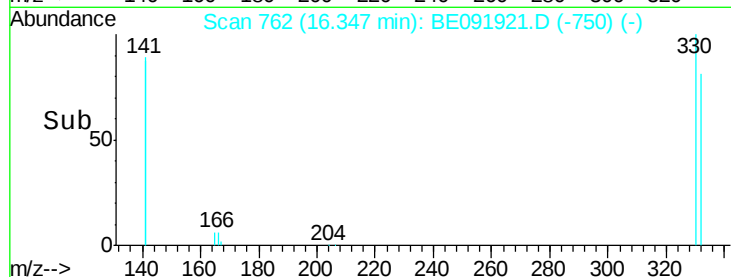
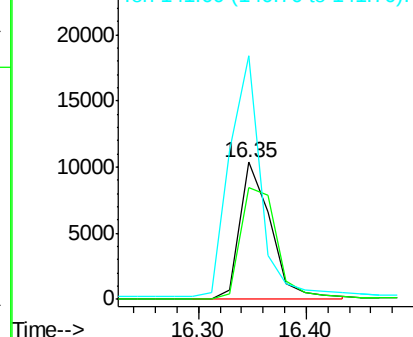
#16
 2,4,6-Tribromophenol
 Concen: 5.58 ng
 RT: 16.35 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE091921.D
 Acq: 15 Jun 2016 12:41

Instrument :
 BNA_E
 ClientSampleId :
 PB91033BL

Tgt Ion:330 Resp: 20308
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 177.3 138.4 207.6

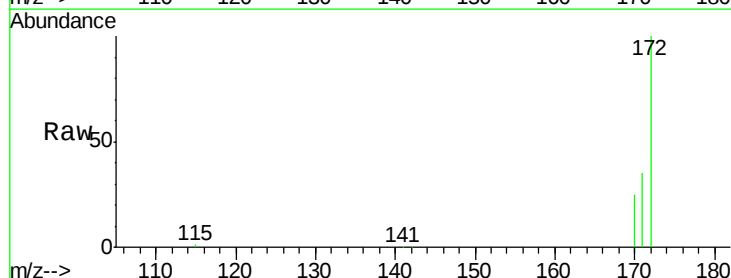


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

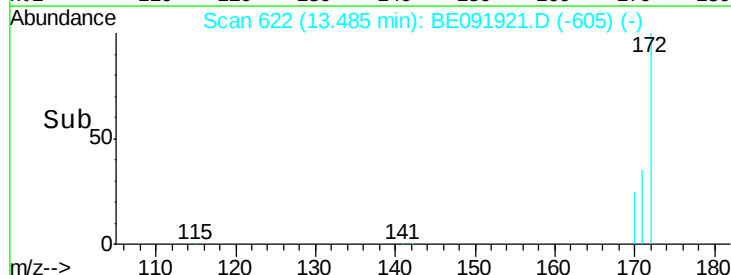
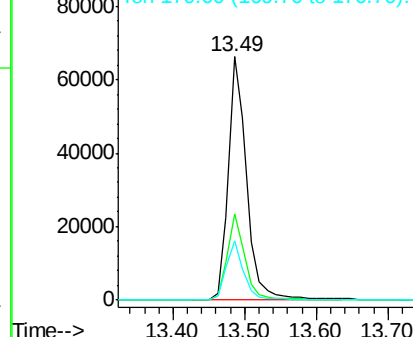


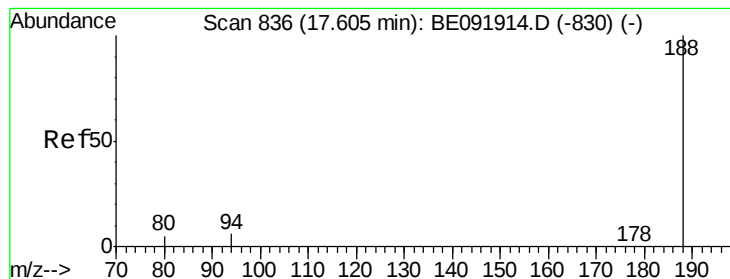
#17
 2-Fluorobiphenyl
 Concen: 3.30 ng
 RT: 13.49 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BE091921.D
 Acq: 15 Jun 2016 12:41

Tgt Ion:172 Resp: 117590
 Ion Ratio Lower Upper
 172 100
 171 35.3 24.3 36.5
 170 24.6 14.9 22.3#



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





#24

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.61 min Scan# 836

Delta R.T. 0.00 min

Lab File: BE091921.D

Acq: 15 Jun 2016 12:41

Instrument :

BNA_E

ClientSampleId :

PB91033BL

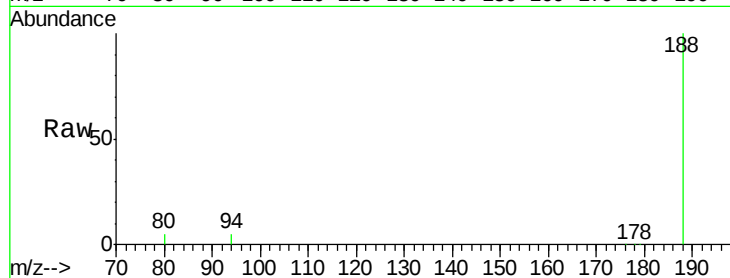
Tgt Ion:188 Resp: 307358

Ion Ratio Lower Upper

188 100

94 5.5 4.1 6.1

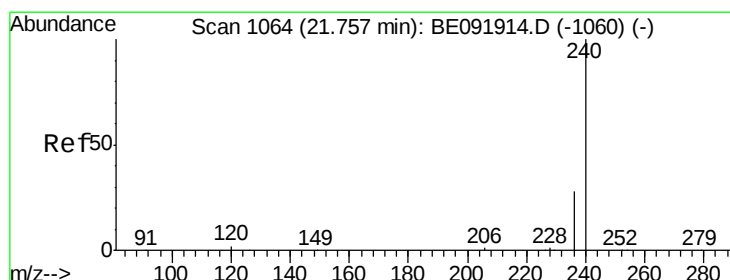
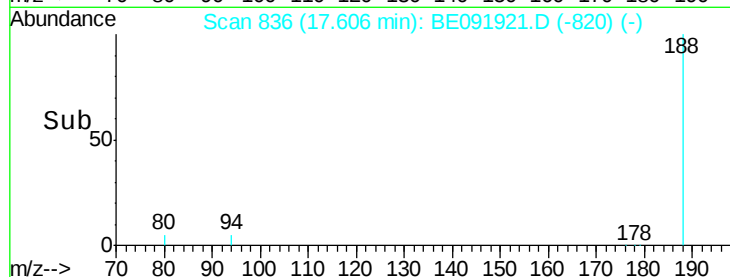
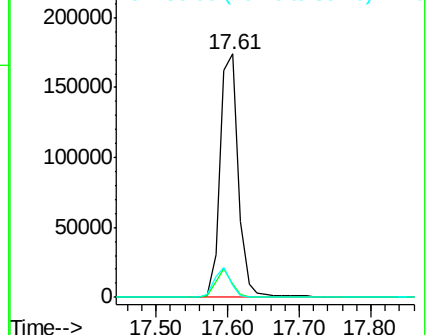
80 4.7 3.4 5.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.76 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BE091921.D

Acq: 15 Jun 2016 12:41

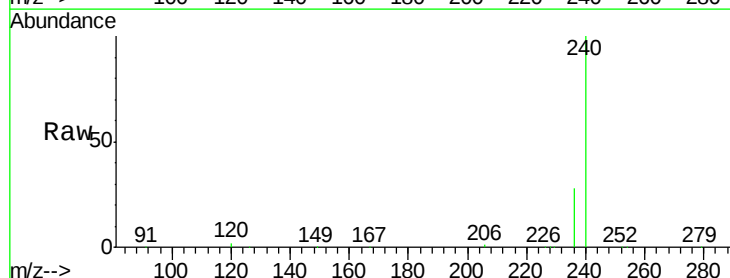
Tgt Ion:240 Resp: 471668

Ion Ratio Lower Upper

240 100

120 1.8 1.2 1.8#

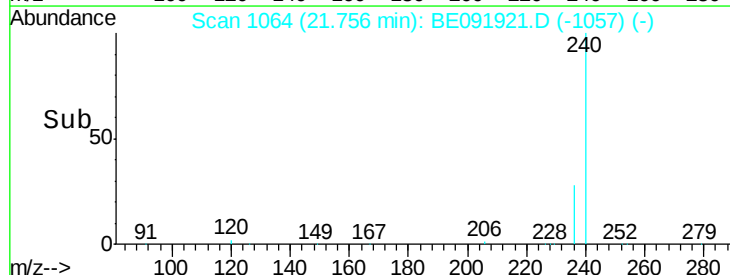
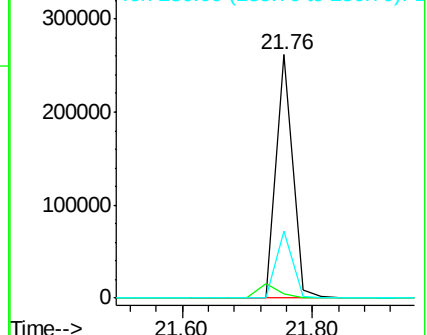
236 27.5 19.8 29.8

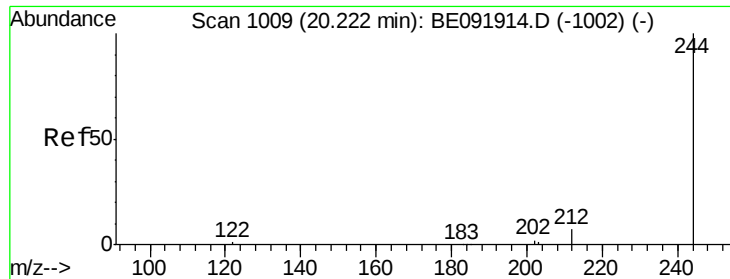


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

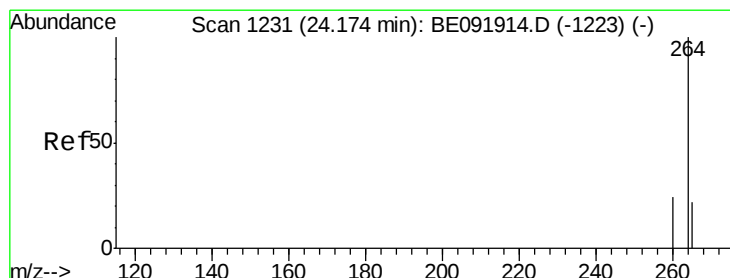
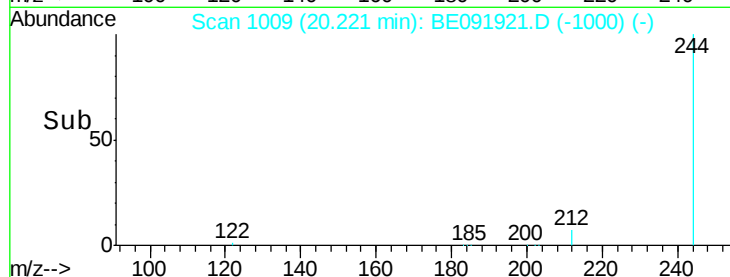
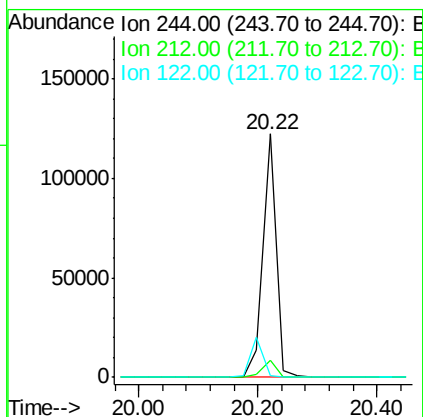
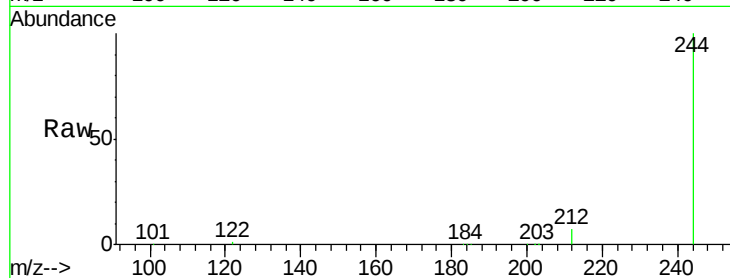




#34
 Terphenyl-d14
 Concen: 3.34 ng
 RT: 20.22 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BE091921.D
 Acq: 15 Jun 2016 12:41

Instrument :
 BNA_E
 ClientSampleId :
 PB91033BL

Tgt Ion:244 Resp: 192931
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 0.7 2.9 4.3#



#40
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.16 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BE091921.D
 Acq: 15 Jun 2016 12:41

Tgt Ion:264 Resp: 360289
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.3 30.5
 265 20.9 17.6 26.4

