

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020416\
 Data File : BE091388.D
 Acq On : 4 Feb 2016 10:24
 Operator : UM/IZ
 Sample : PB87603BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB87603BL

Quant Time: Feb 05 06:44:01 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 00:27:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	50034	5.00	ng	0.00
4) Naphthalene-d8	9.55	136	232729	5.00	ng	0.00
8) Acenaphthene-d10	13.36	164	152184	5.00	ng	0.00
14) Phenanthrene-d10	16.09	188	390906	5.00	ng	0.00
18) Chrysene-d12	20.22	240	416946	5.00	ng	0.00
24) Perylene-d12	22.10	264	375840	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.91	112	81835	6.92	ng	-0.04
3) Phenol-d6	6.55	99	110852	6.62	ng	-0.02
5) Nitrobenzene-d5	8.18	82	43409	2.94	ng	0.00
9) 2,4,6-Tribromophenol	14.90	330	26283	3.72	ng	0.00
10) 2-Fluorobiphenyl	12.02	172	154920	3.91	ng	0.00
20) Terphenyl-d14	18.61	244	263577	4.27	ng	0.00

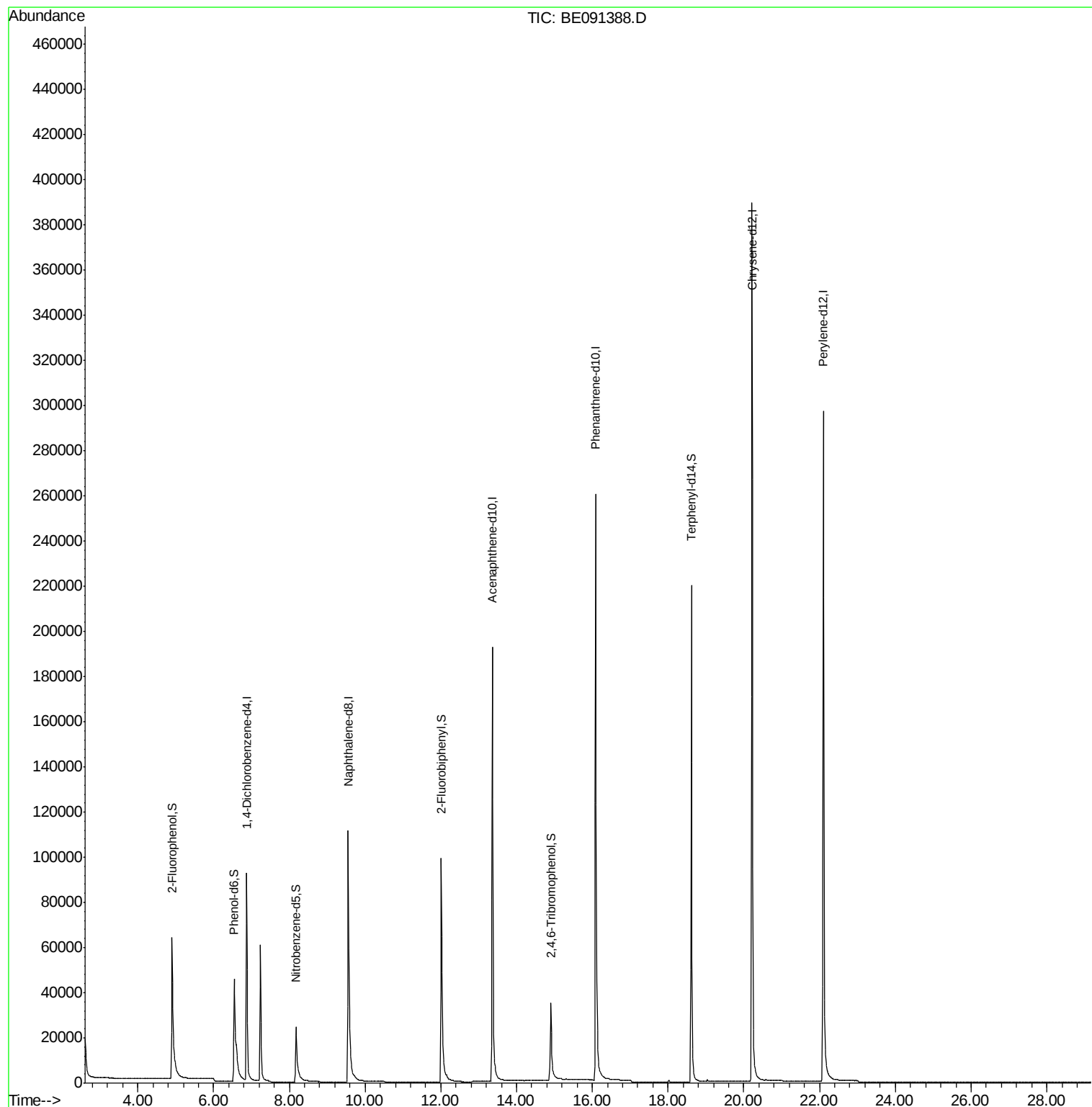
Target Compounds	Qvalue
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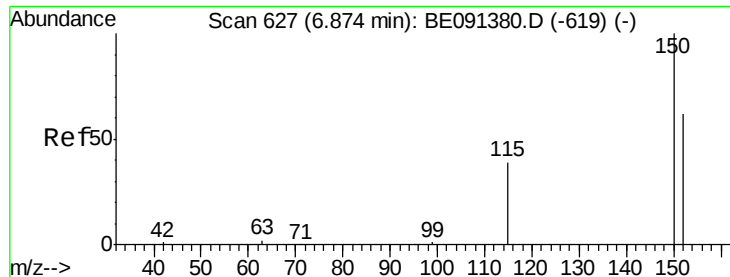
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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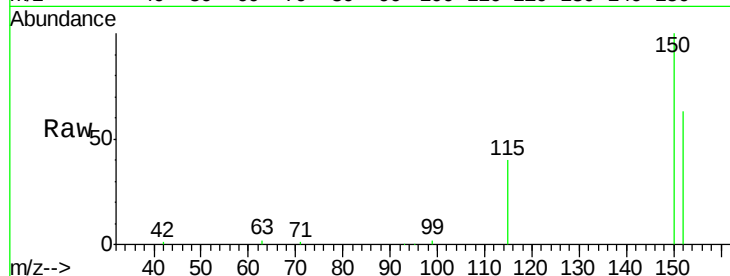


#1

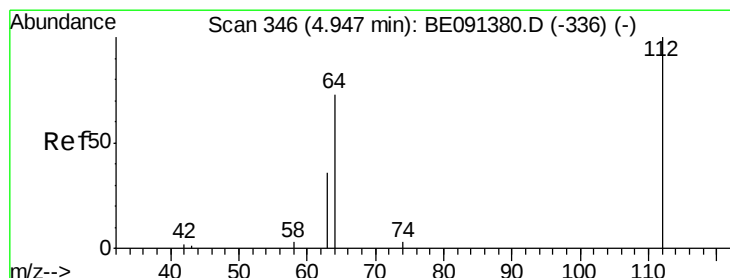
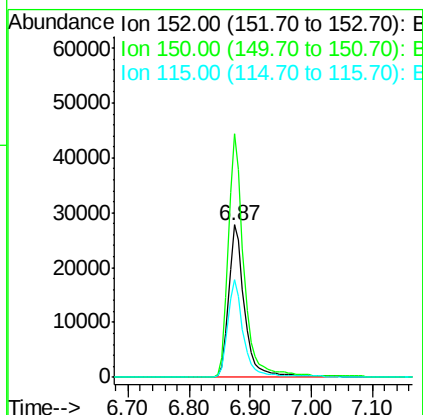
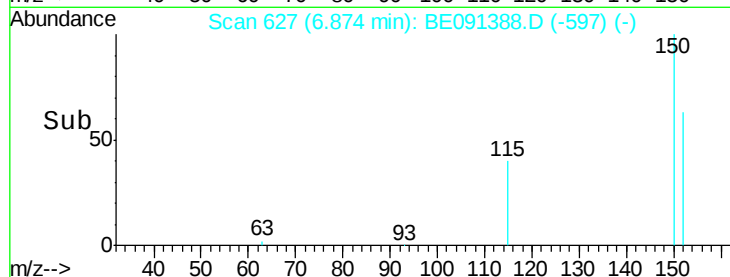
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.87 min Scan# 627
Delta R.T. 0.00 min
Lab File: BE091388.D
Acq: 4 Feb 2016 10:24

Instrument :
BNA_E
ClientSampleId :
PB87603BL

Tot Ion:152 Resp: 50034
Ion Ratio Lower Upper
152 100
150 159.5 128.9 193.3
115 63.9 50.9 76.3



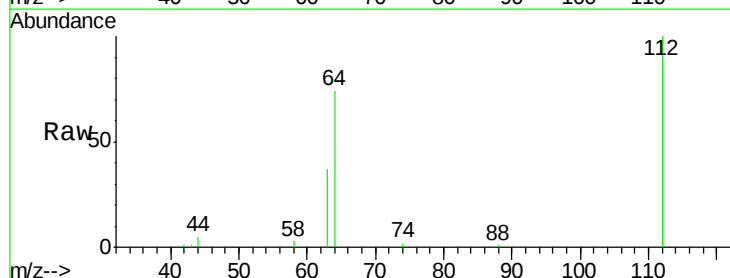
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



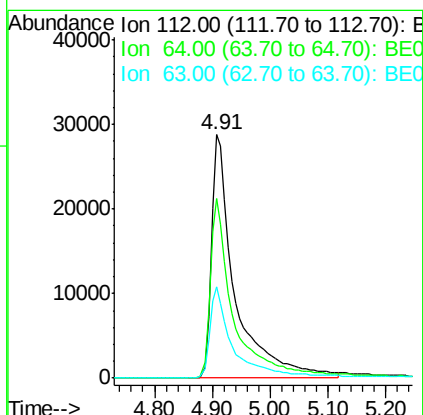
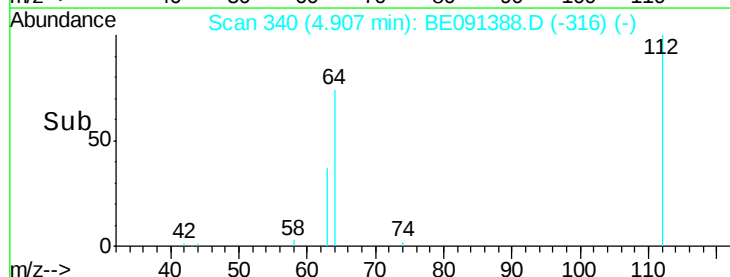
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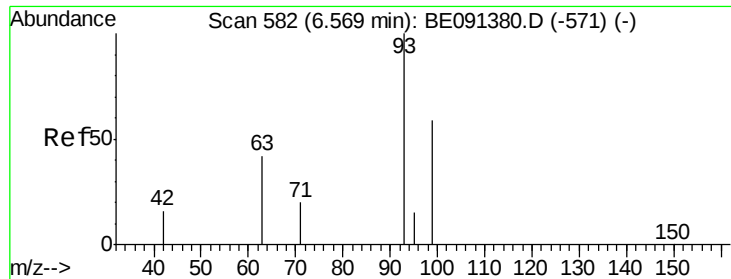
2-Fluorophenol
Concen: 6.92 ng
RT: 4.91 min Scan# 340
Delta R.T. -0.04 min
Lab File: BE091388.D
Acq: 4 Feb 2016 10:24

Tgt Ion:112 Resp: 81835
Ion Ratio Lower Upper
112 100
64 71.9 60.5 90.7
63 36.1 29.8 44.8



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





#3

Phenol-d6

Concen: 6.62 ng

RT: 6.55 min Scan# 579

Delta R.T. -0.02 min

Lab File: BE091388.D

Acq: 4 Feb 2016 10:24

Instrument :

BNA_E

ClientSampleId :

PB87603BL

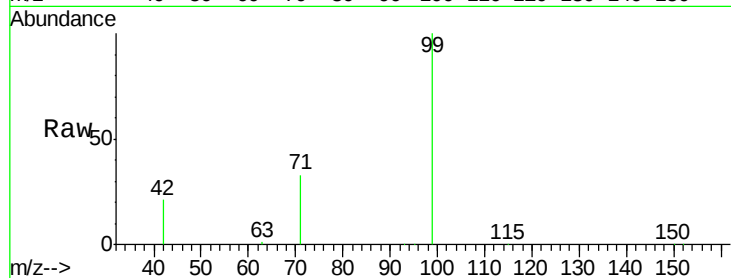
Tot Ion: 99 Resp: 110852

Ion Ratio Lower Upper

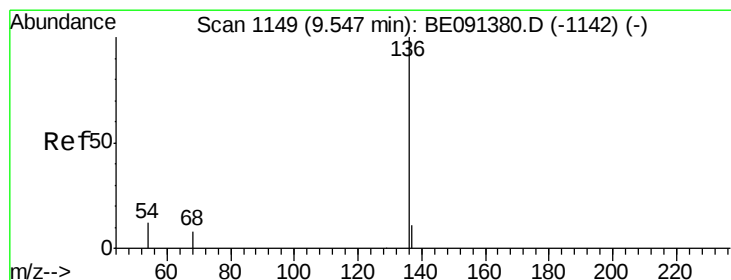
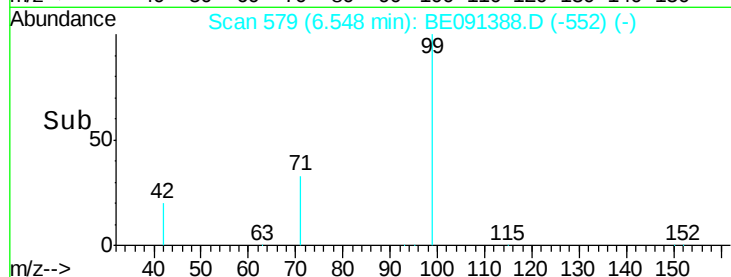
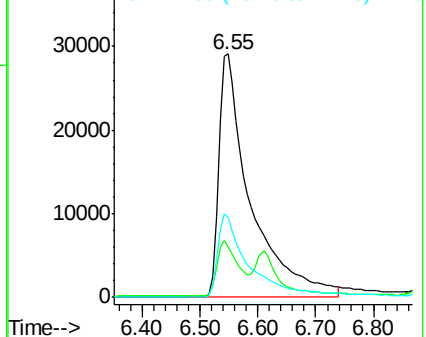
99 100

42 15.3 13.3 19.9

71 33.5 25.6 38.4



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



#4

Naphthalene-d8

Concen: 5.00 ng

RT: 9.55 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BE091388.D

Acq: 4 Feb 2016 10:24

Tgt Ion: 136 Resp: 232729

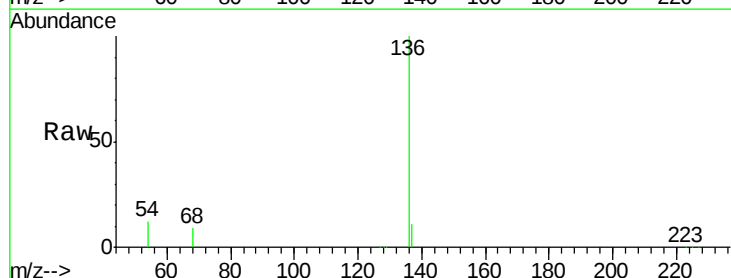
Ion Ratio Lower Upper

136 100

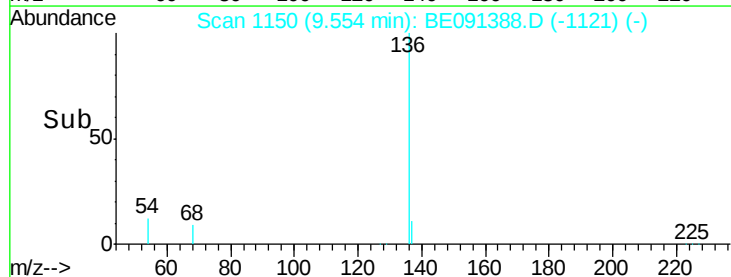
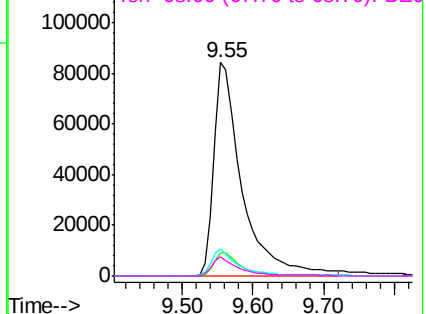
137 10.9 8.7 13.1

54 12.5 9.3 13.9

68 8.8 6.7 10.1



Abundance Ion 136.00 (135.70 to 136.70): BE0
Ion 137.00 (136.70 to 137.70): BE0
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0

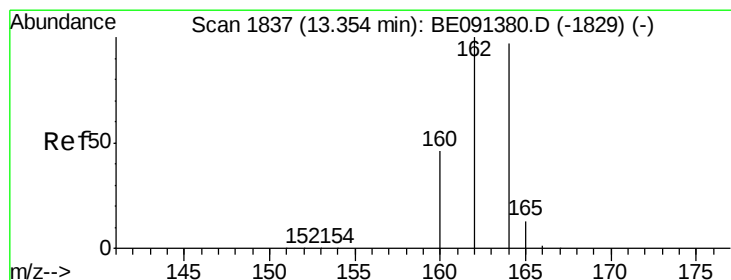
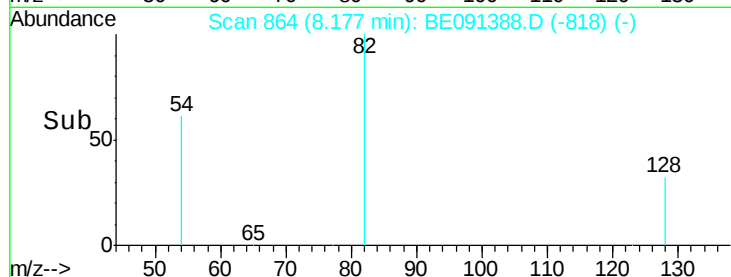
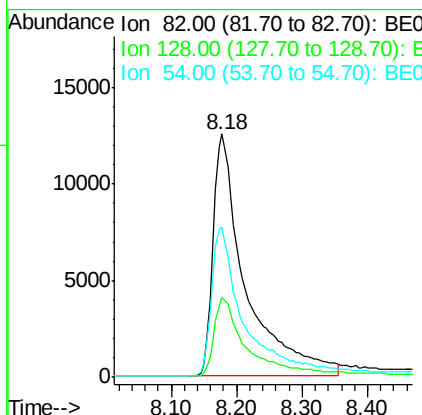
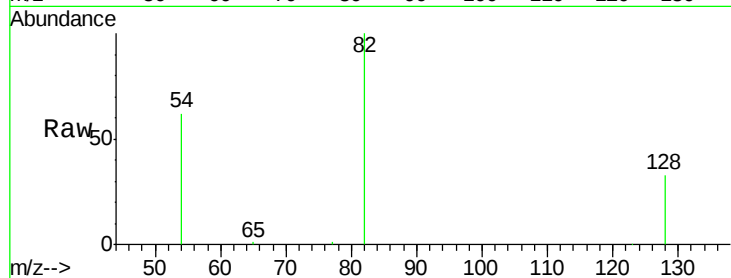




#5
 Nitrobenzene-d5
 Concen: 2.94 ng
 RT: 8.18 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: BE091388.D
 Acq: 4 Feb 2016 10:24

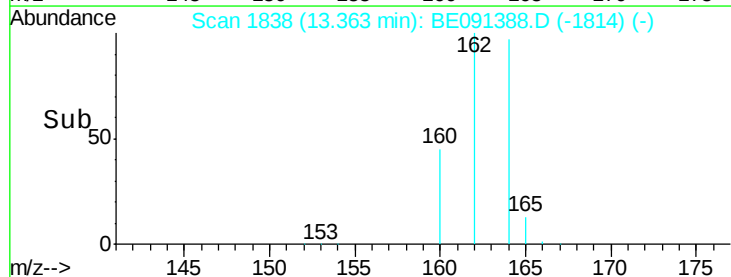
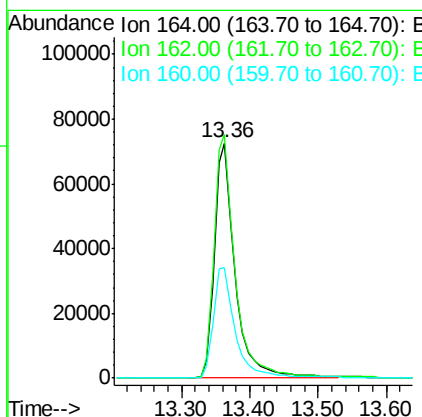
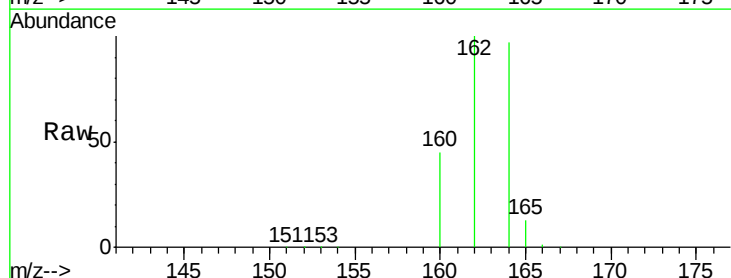
Instrument :
 BNA_E
 ClientSampleId :
 PB87603BL

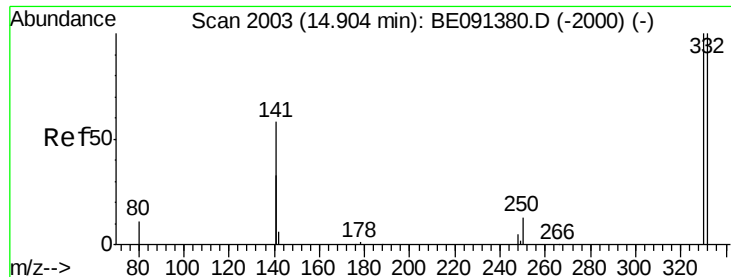
Tot Ion: 82 Resp: 43409
 Ion Ratio Lower Upper
 82 100
 128 32.7 25.0 37.4
 54 61.6 48.1 72.1



#8
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 13.36 min Scan# 1838
 Delta R.T. 0.01 min
 Lab File: BE091388.D
 Acq: 4 Feb 2016 10:24

Tgt Ion: 164 Resp: 152184
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.2 123.2
 160 46.8 37.8 56.8

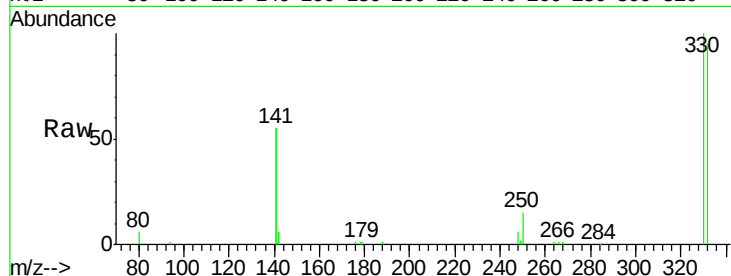




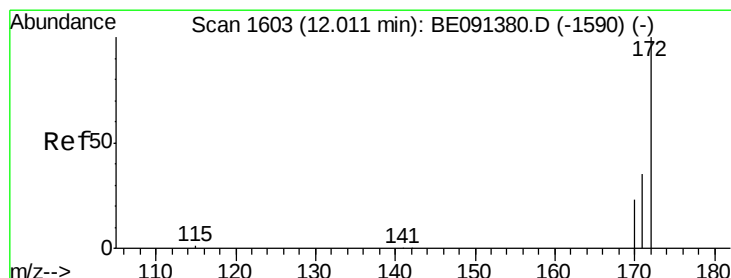
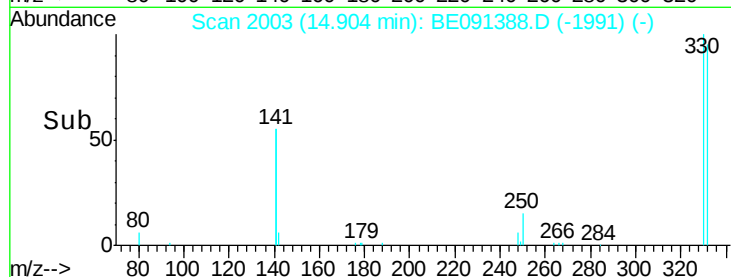
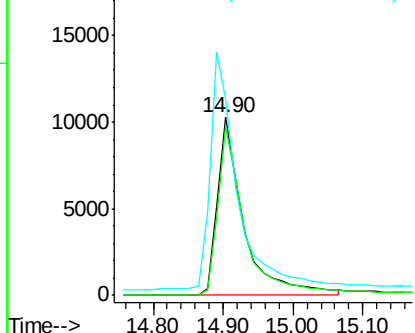
#9
 2,4,6-Tribromophenol
 Concen: 3.72 ng
 RT: 14.90 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BE091388.D
 Acq: 4 Feb 2016 10:24

Instrument :
 BNA_E
 ClientSampleId :
 PB87603BL

Tot Ion:330 Resp: 26283
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.8 118.2
 141 141.1 105.1 157.7

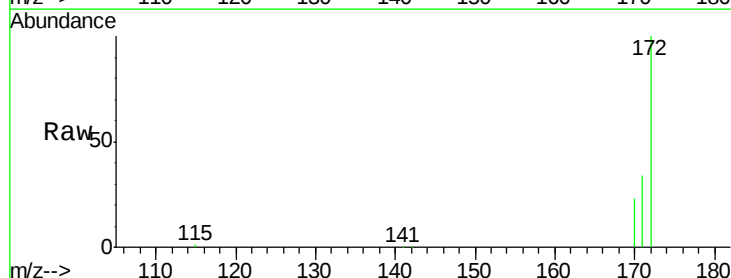


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

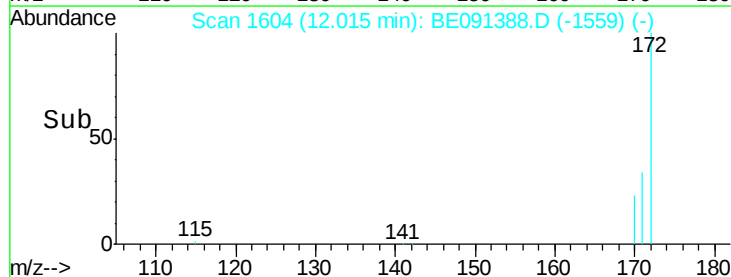
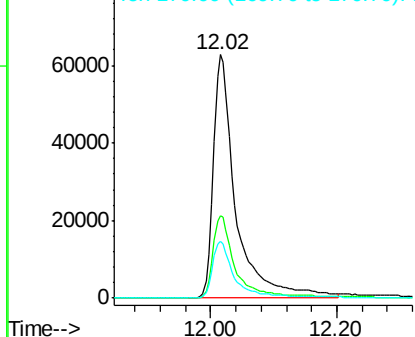


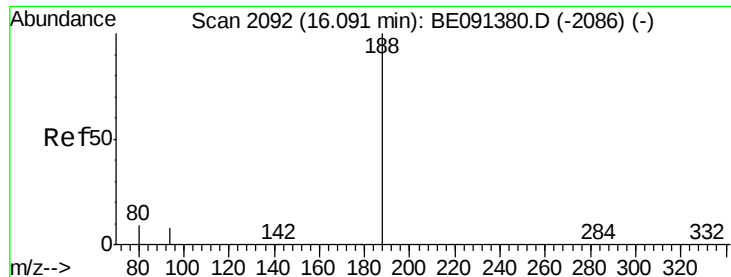
#10
 2-Fluorobiphenyl
 Concen: 3.91 ng
 RT: 12.02 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: BE091388.D
 Acq: 4 Feb 2016 10:24

Tgt Ion:172 Resp: 154920
 Ion Ratio Lower Upper
 172 100
 171 34.0 27.8 41.8
 170 23.4 18.6 28.0



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





#14

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.09 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BE091388.D

Acq: 4 Feb 2016 10:24

Instrument :

BNA_E

ClientSampled :

PB87603BL

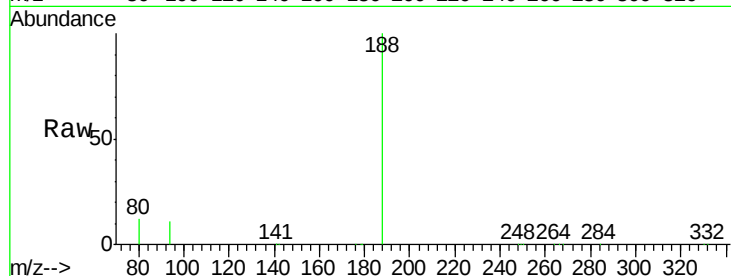
Tot Ion:188 Resp: 390906

Ion Ratio Lower Upper

188 100

94 11.3 6.6 10.0#

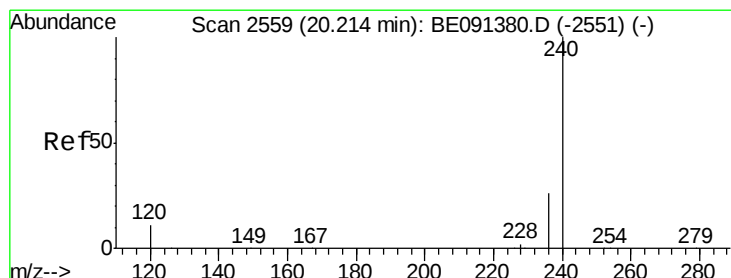
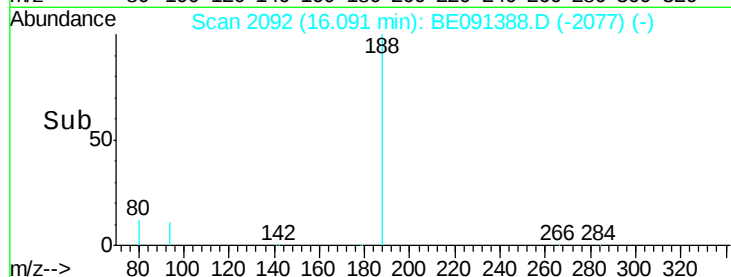
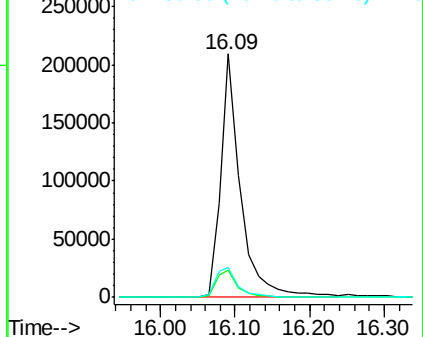
80 12.3 7.0 10.6#



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



#18

Chrysene-d12

Concen: 5.00 ng

RT: 20.22 min Scan# 2560

Delta R.T. 0.00 min

Lab File: BE091388.D

Acq: 4 Feb 2016 10:24

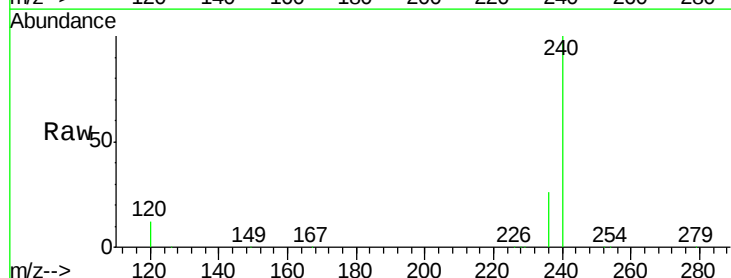
Tgt Ion:240 Resp: 416946

Ion Ratio Lower Upper

240 100

120 12.4 8.9 13.3

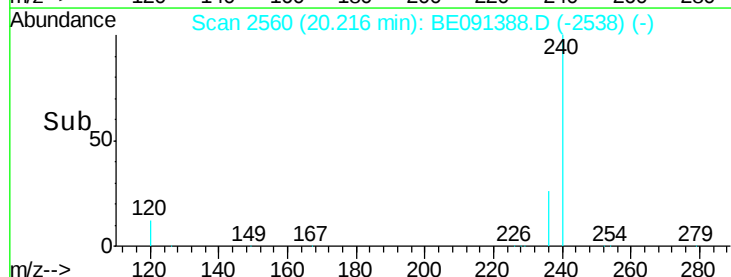
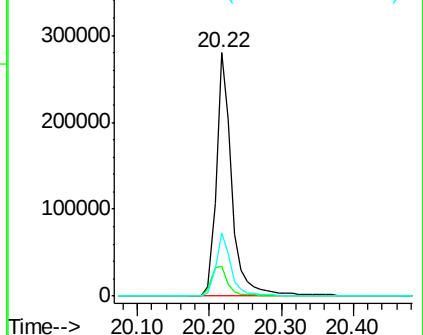
236 25.9 21.0 31.4

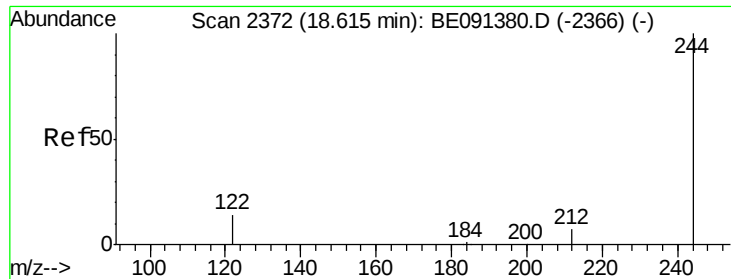


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

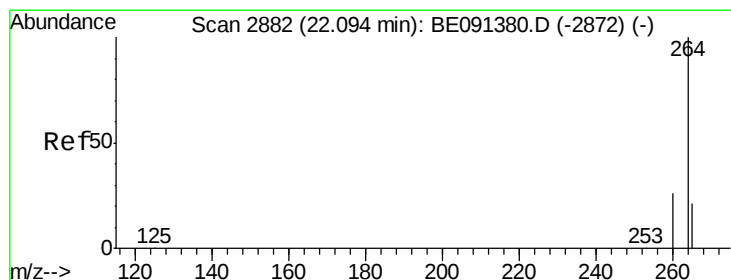
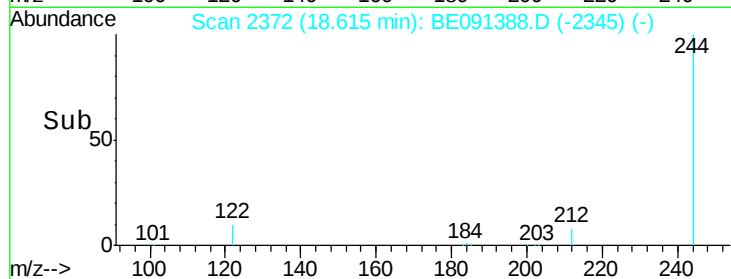
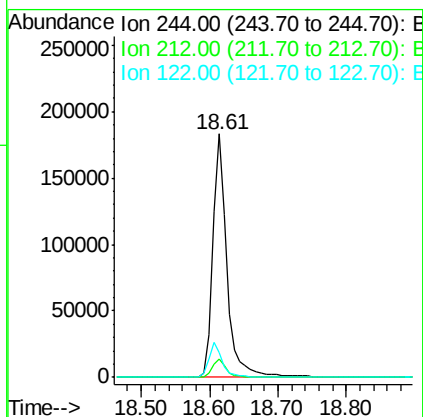
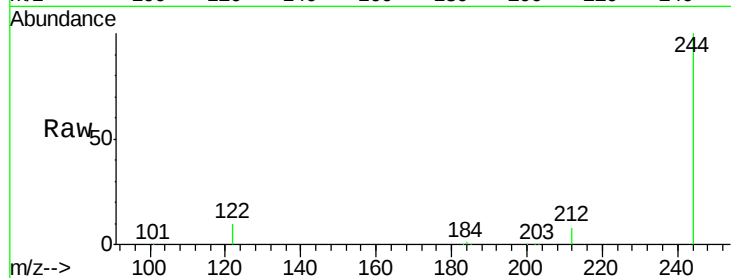




#20
 Terphenyl-d14
 Concen: 4.27 ng
 RT: 18.61 min Scan# 2372
 Delta R.T. -0.00 min
 Lab File: BE091388.D
 Acq: 4 Feb 2016 10:24

Instrument :
 BNA_E
 ClientSampleId :
 PB87603BL

Tot Ion:244 Resp: 263577
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 10.2 11.0 16.6#



#24
 Perylene-d12
 Concen: 5.00 ng
 RT: 22.10 min Scan# 2884
 Delta R.T. 0.00 min
 Lab File: BE091388.D
 Acq: 4 Feb 2016 10:24

Tgt Ion:264 Resp: 375840
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.7 31.1
 265 21.6 17.2 25.8

