

Data Path : V:\HPCHEM1\BNA E\DATA\BE070916\
 Data File : BE091992.D
 Acq On : 9 Jul 2016 10:55
 Operator : UM/SJ
 Sample : PB91976BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB91976BL

Quant Time: Jul 11 09:04:04 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 16:14:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	21855	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	98901	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	71090	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	153246	5.00	ng	0.00
31) Chrysene-d12	21.76	240	260304	5.00	ng	0.00
40) Perylene-d12	24.18	264	189551	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	23869	4.57	ng	0.00
5) Phenol-d6	7.35	99	32806	4.52	ng	-0.02
9) Nitrobenzene-d5	9.37	82	18033	2.68	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	10717	4.28	ng	0.00
17) 2-Fluorobiphenyl	13.49	172	51120	2.95	ng	0.00
34) Terphenyl-d14	20.22	244	106424	3.47	ng	0.00

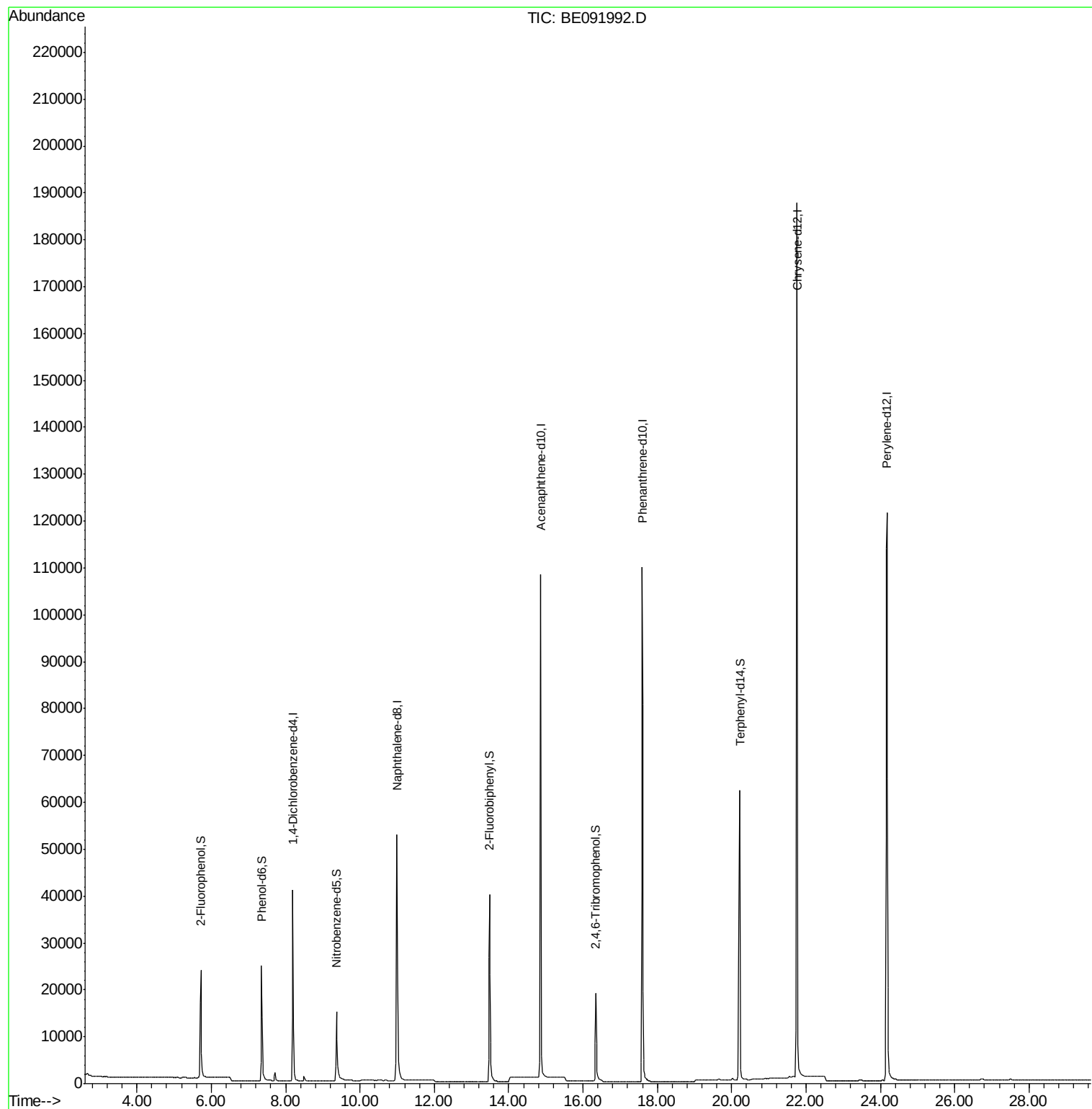
Target Compounds Qvalue

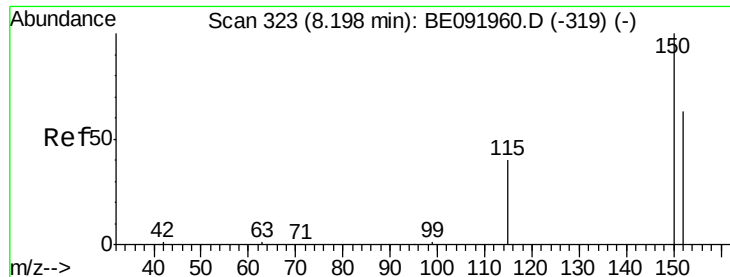
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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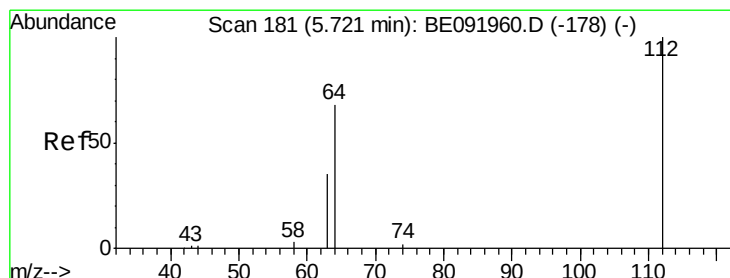
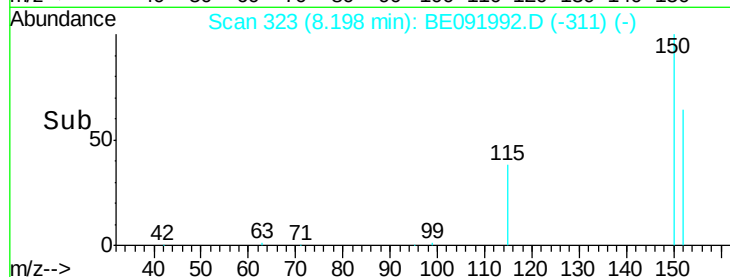
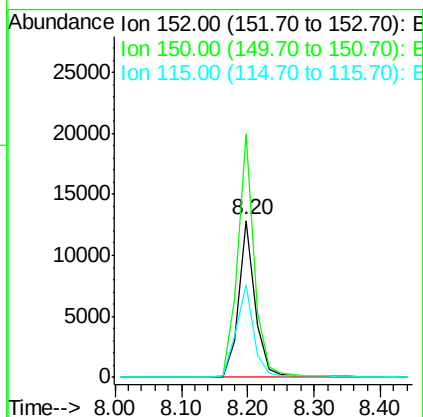
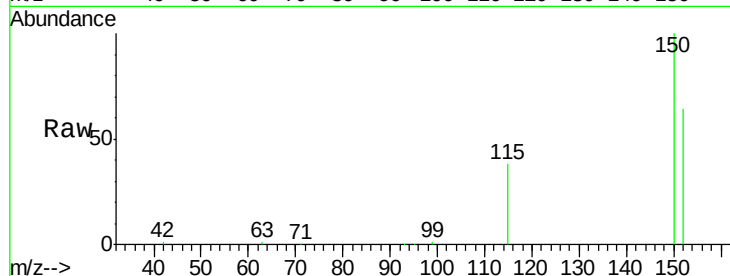


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.20 min Scan# 323
Delta R.T. -0.00 min
Lab File: BE091992.D
Acq: 9 Jul 2016 10:55

Instrument :
BNA_E
ClientSampleID :
PB91976BL

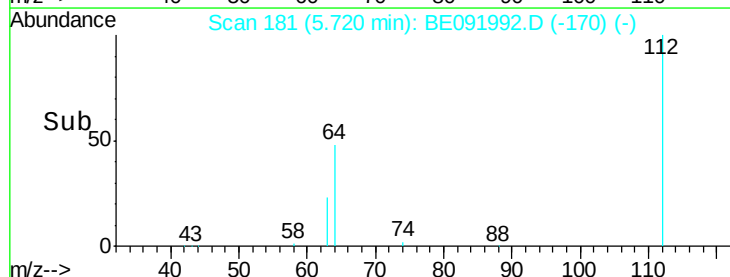
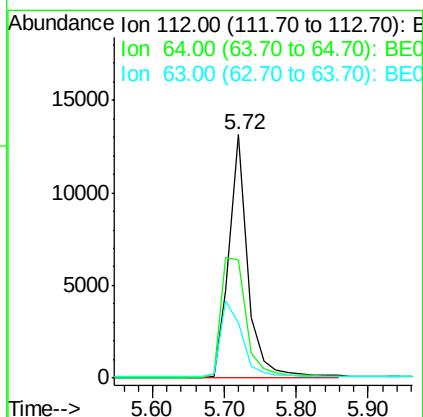
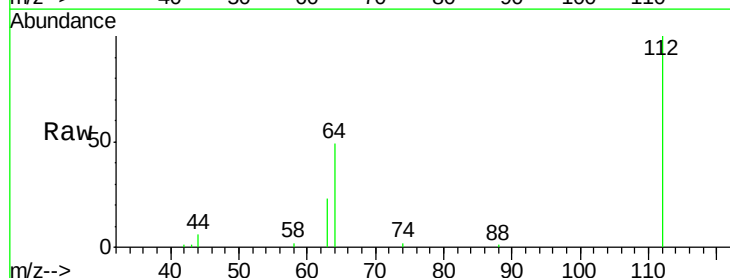
Tot Ion:152 Resp: 21855
Ion Ratio Lower Upper
152 100
150 155.3 123.9 185.9
115 59.4 48.3 72.5

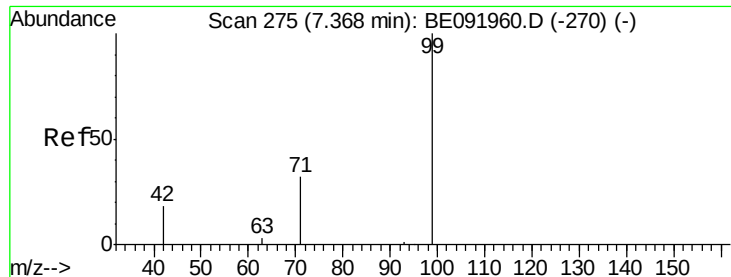


#4

2-Fluorophenol
Concen: 4.57 ng
RT: 5.72 min Scan# 181
Delta R.T. -0.00 min
Lab File: BE091992.D
Acq: 9 Jul 2016 10:55

Tgt Ion:112 Resp: 23869
Ion Ratio Lower Upper
112 100
64 66.9 53.7 80.5
63 36.4 29.5 44.3





#5

Phenol-d6

Concen: 4.52 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.02 min

Lab File: BE091992.D

Acq: 9 Jul 2016 10:55

Instrument :

BNA_E

ClientSampleId :

PB91976BL

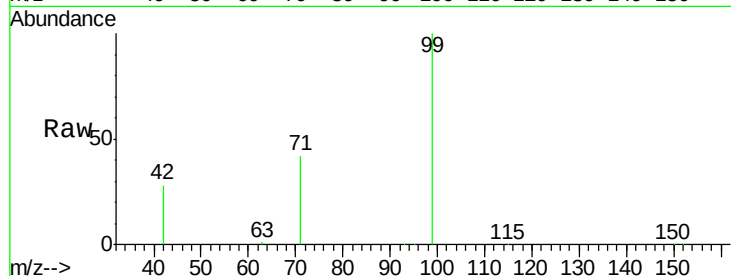
Tot Ion: 99 Resp: 32806

Ion Ratio Lower Upper

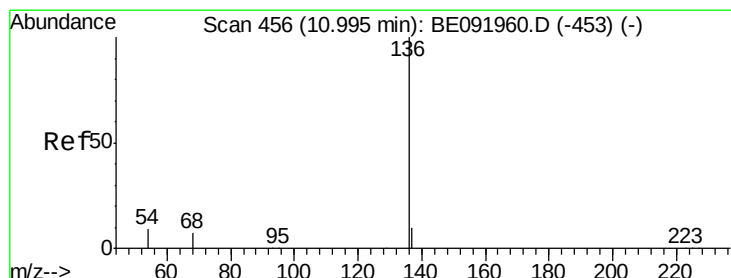
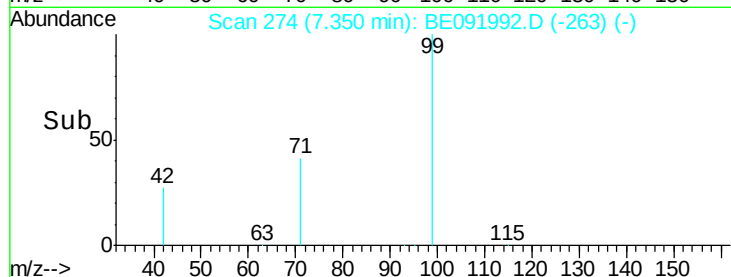
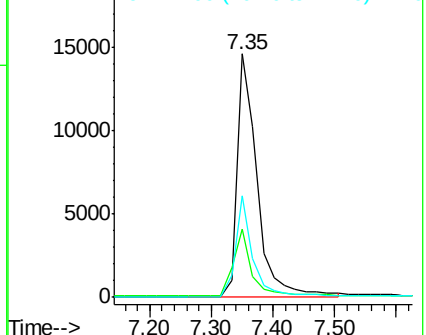
99 100

42 25.2 19.6 29.4

71 35.6 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: 10.99 min Scan# 456

Delta R.T. -0.00 min

Lab File: BE091992.D

Acq: 9 Jul 2016 10:55

Tgt Ion: 136 Resp: 98901

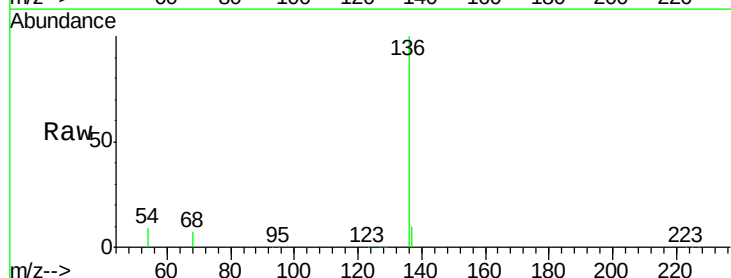
Ion Ratio Lower Upper

136 100

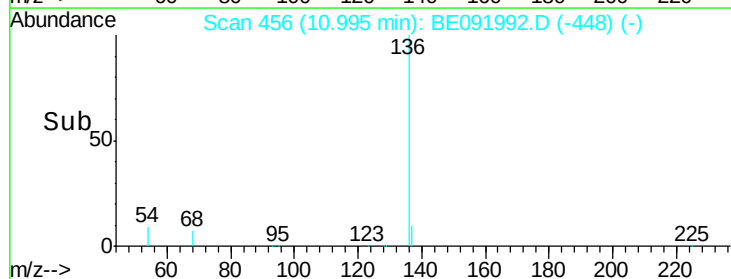
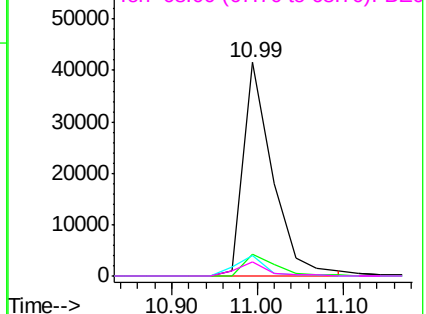
137 10.1 8.3 12.5

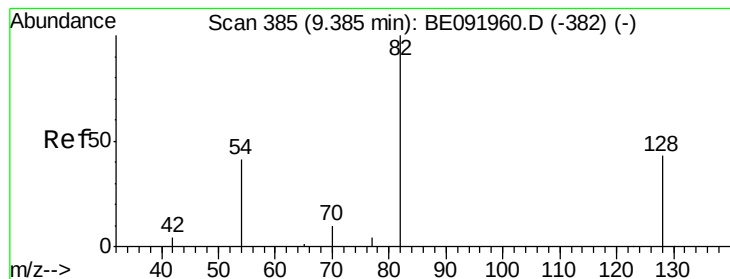
54 9.4 8.2 12.4

68 6.8 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: 2.68 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE091992.D

Acq: 9 Jul 2016 10:55

Instrument :

BNA_E

ClientSampleId :

PB91976BL

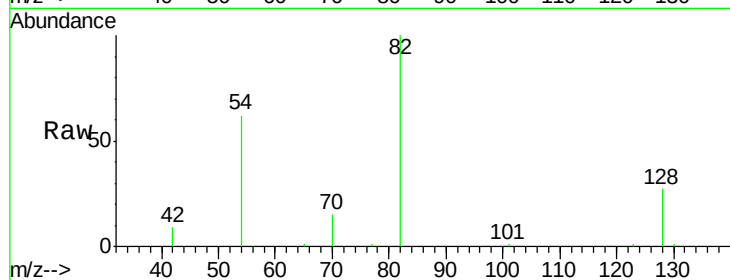
Tot Ion: 82 Resp: 18033

Ion Ratio Lower Upper

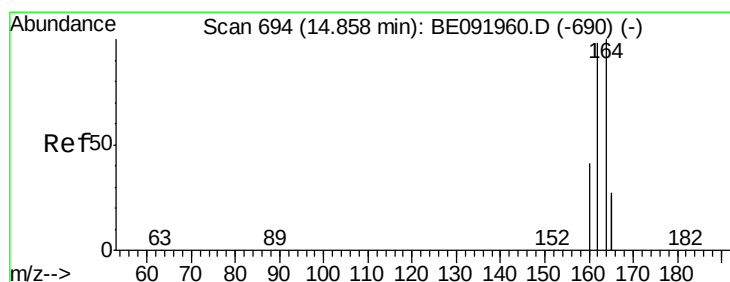
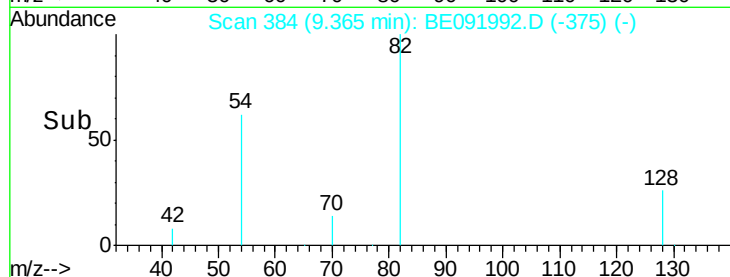
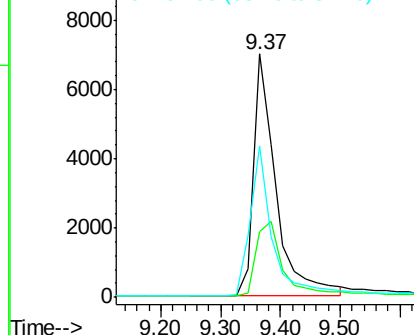
82 100

128 27.0 39.5 59.3#

54 62.1 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: BE091992.D

Acq: 9 Jul 2016 10:55

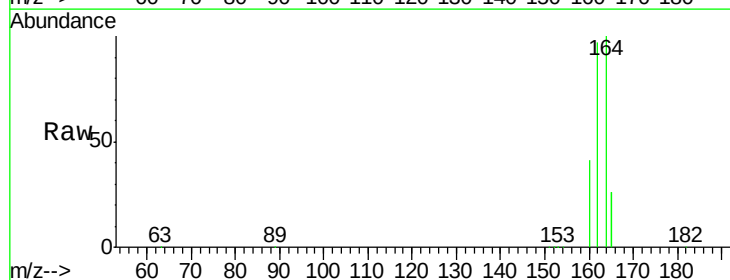
Tgt Ion:164 Resp: 71090

Ion Ratio Lower Upper

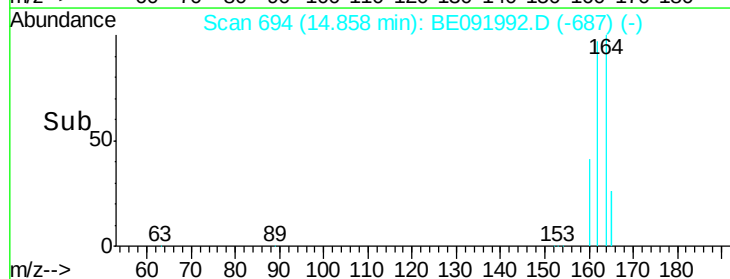
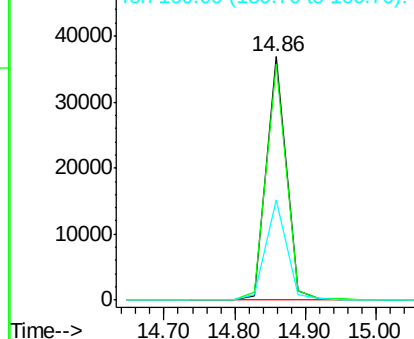
164 100

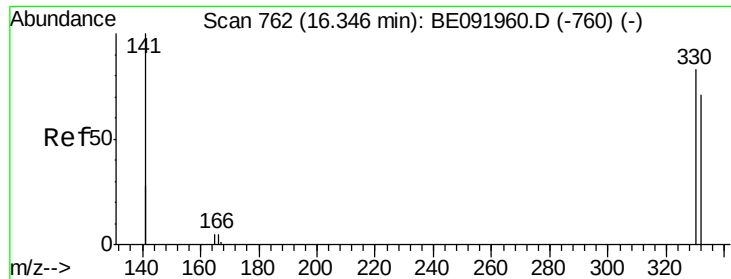
162 96.7 71.8 107.8

160 41.2 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

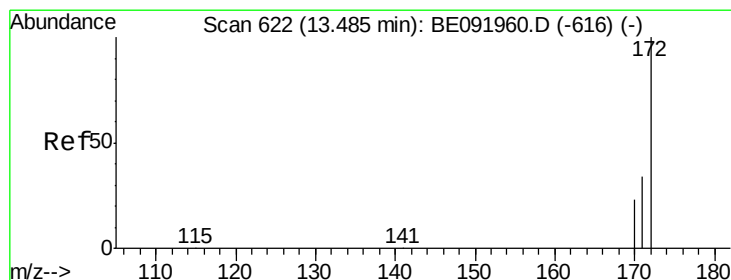
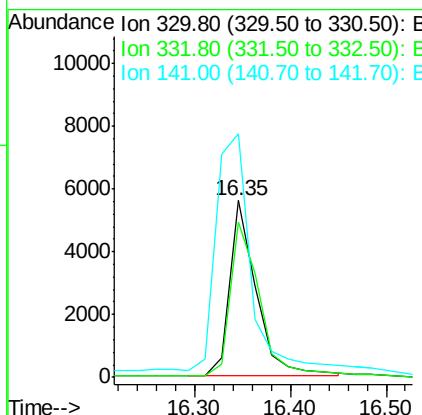
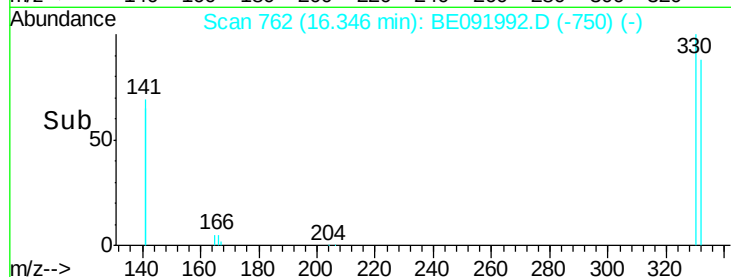
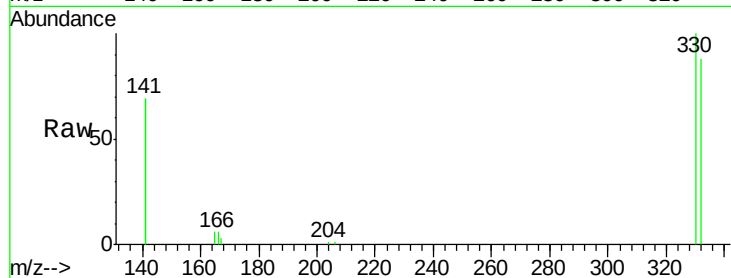




#16
 2,4,6-Tribromophenol
 Concen: 4.28 ng
 RT: 16.35 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE091992.D
 Acq: 9 Jul 2016 10:55

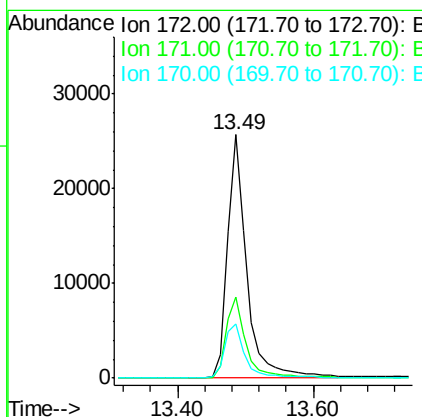
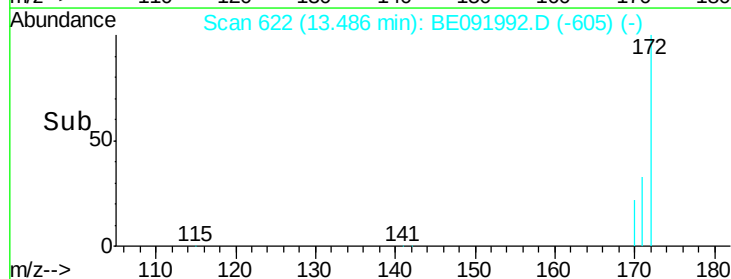
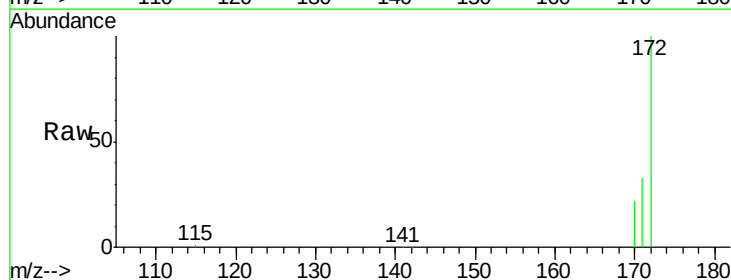
Instrument :
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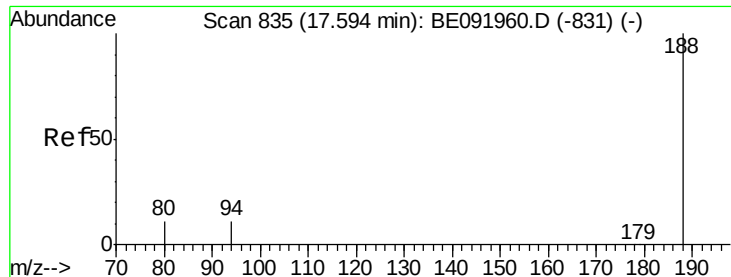
Tot Ion:330 Resp: 10717
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 172.5 138.4 207.6



#17
 2-Fluorobiphenyl
 Concen: 2.95 ng
 RT: 13.49 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BE091992.D
 Acq: 9 Jul 2016 10:55

Tgt Ion:172 Resp: 51120
 Ion Ratio Lower Upper
 172 100
 171 33.4 24.3 36.5
 170 22.1 14.9 22.3

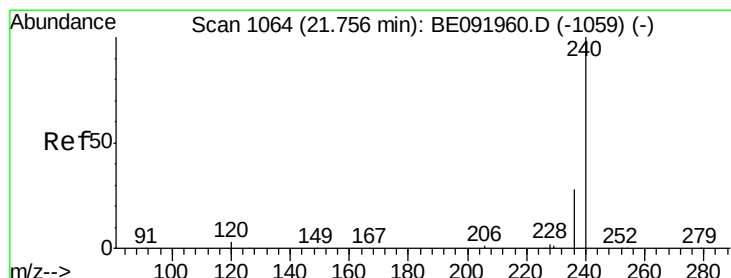
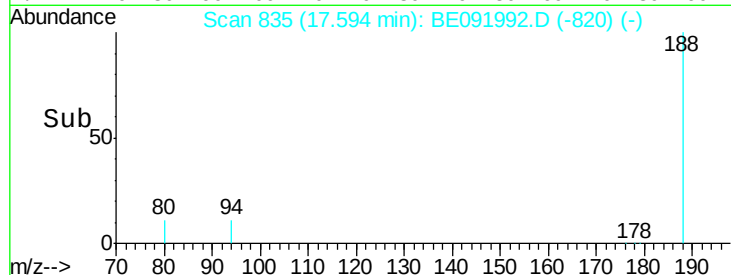
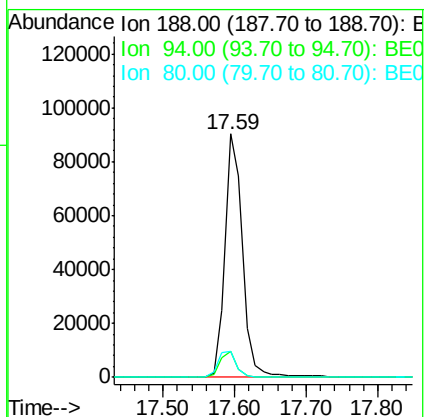
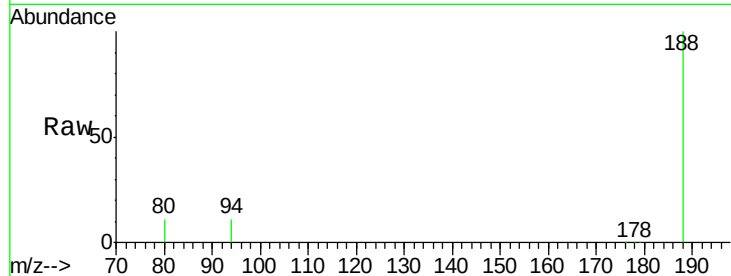




#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. -0.00 min
Lab File: BE091992.D
Acq: 9 Jul 2016 10:55

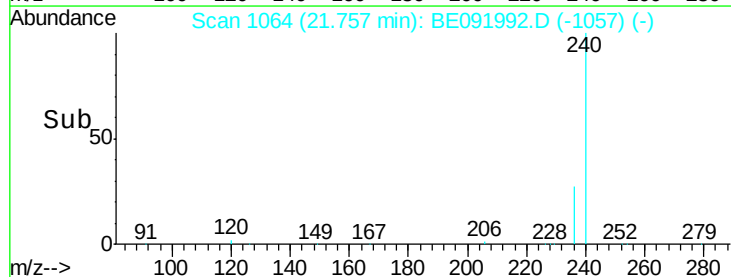
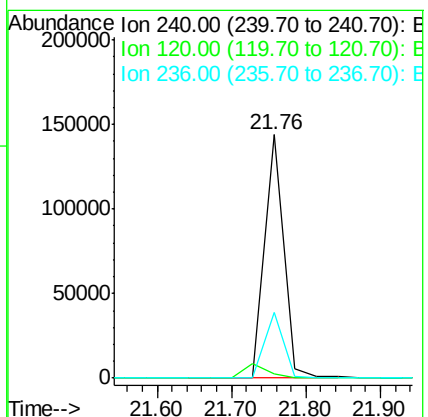
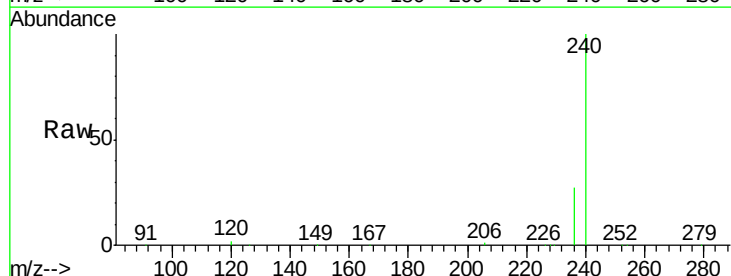
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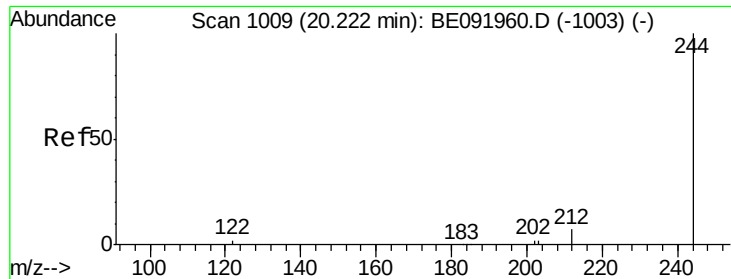
Tot Ion:188 Resp: 153246
Ion Ratio Lower Upper
188 100
94 10.9 4.1 6.1#
80 10.7 3.4 5.2#



#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE091992.D
Acq: 9 Jul 2016 10:55

Tgt Ion:240 Resp: 260304
Ion Ratio Lower Upper
240 100
120 1.6 1.2 1.8
236 27.0 19.8 29.8

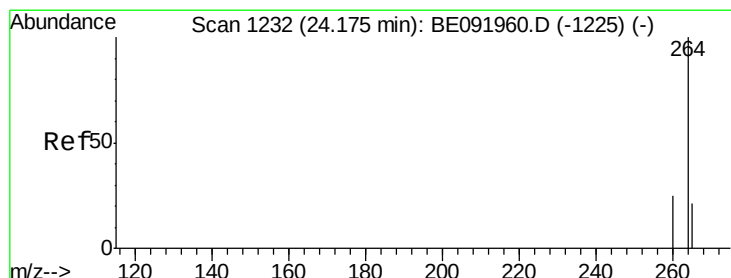
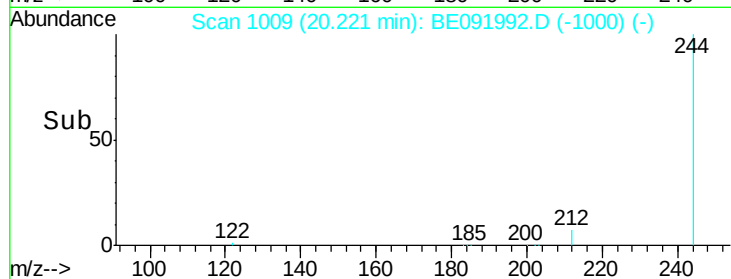
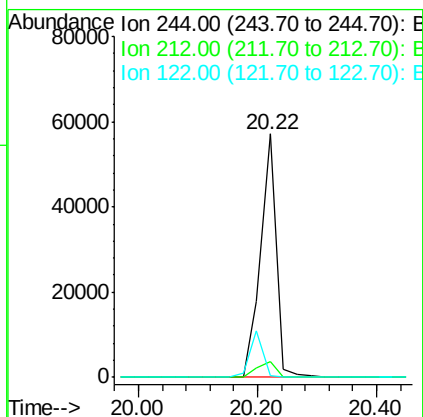
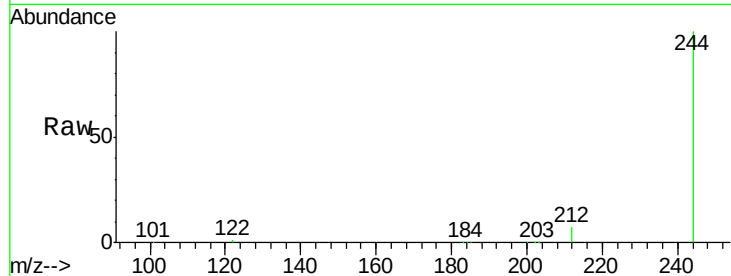




#34
 Terphenyl-d14
 Concen: 3.47 ng
 RT: 20.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BE091992.D
 Acq: 9 Jul 2016 10:55

Instrument :
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 ClientSampleId :
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Tot Ion:244 Resp: 106424
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.5 9.7
 122 0.8 2.9 4.3#



#40
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.18 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BE091992.D
 Acq: 9 Jul 2016 10:55

Tgt Ion:264 Resp: 189551
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.3 30.5
 265 22.3 17.6 26.4

