

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE040116\
 Data File : BE091580.D
 Acq On : 31 Mar 2016 12:14
 Operator : UM/SJ
 Sample : PB89317BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB89317BL

Quant Time: Apr 01 00:53:24 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE033016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 18:45:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	37025	5.00	ng	0.00
6) Naphthalene-d8	10.59	136	165033	5.00	ng	0.00
10) Acenaphthene-d10	14.42	164	99782	5.00	ng	-0.03
16) Phenanthrene-d10	17.16	188	257871	5.00	ng	-0.01
22) Chrysene-d12	21.31	240	362886	5.00	ng	-0.02
28) Perylene-d12	23.76	264	309400	5.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	74232	7.66	ng	-0.02
5) Phenol-d6	6.97	99	105086	8.02	ng	-0.02
7) Nitrobenzene-d5	8.96	82	43791	3.95	ng	-0.02
11) 2,4,6-Tribromophenol	15.91	330	31106	7.03	ng	-0.01
12) 2-Fluorobiphenyl	13.05	172	122778	4.33	ng	-0.02
24) Terphenyl-d14	19.76	244	205060	4.45	ng	-0.02

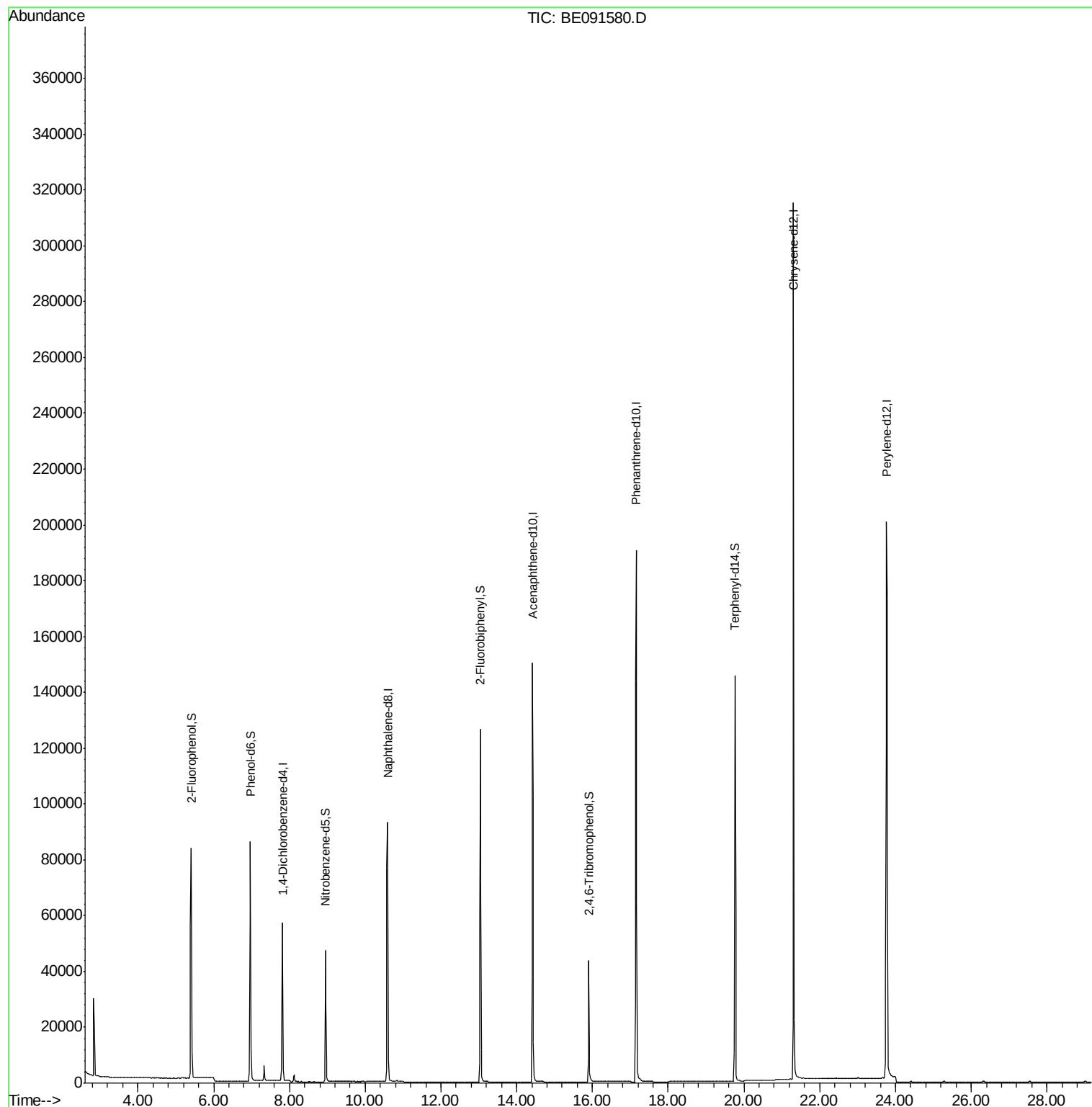
Target Compounds	Qvalue
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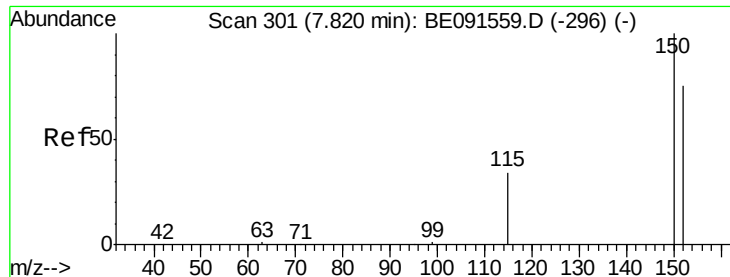
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.82 min Scan# 301

Delta R.T. 0.00 min

Lab File: BE091580.D

Acq: 31 Mar 2016 12:14

Instrument :

BNA_E

ClientSampleId :

PB89317BL

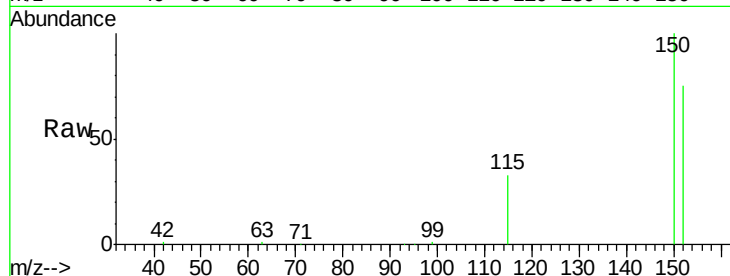
Tgt Ion:152 Resp: 37025

Ion Ratio Lower Upper

152 100

150 132.8 122.2 183.2

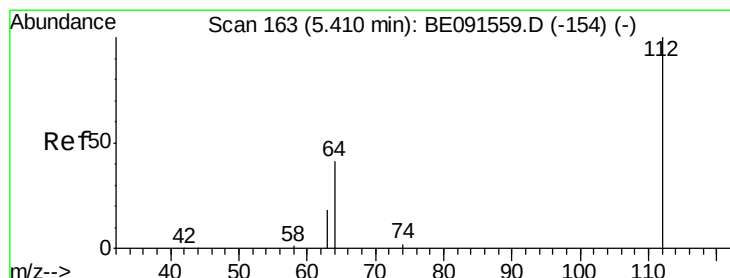
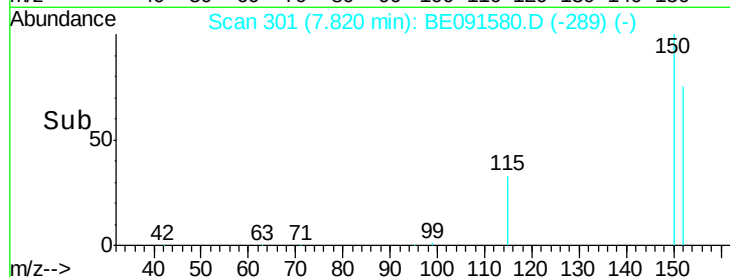
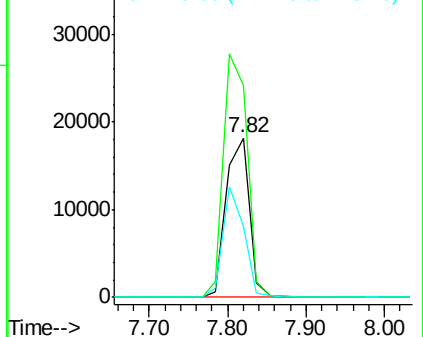
115 44.1 45.9 68.9#



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: 7.66 ng

RT: 5.41 min Scan# 163

Delta R.T. -0.02 min

Lab File: BE091580.D

Acq: 31 Mar 2016 12:14

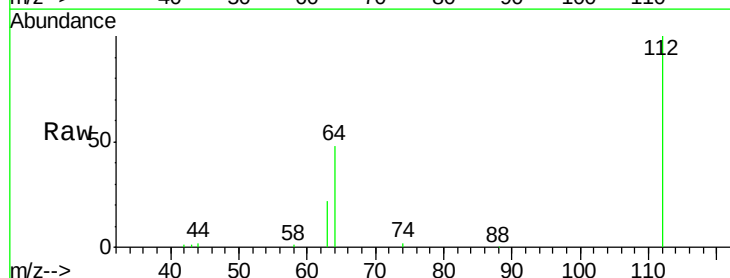
Tgt Ion:112 Resp: 74232

Ion Ratio Lower Upper

112 100

64 67.4 53.3 79.9

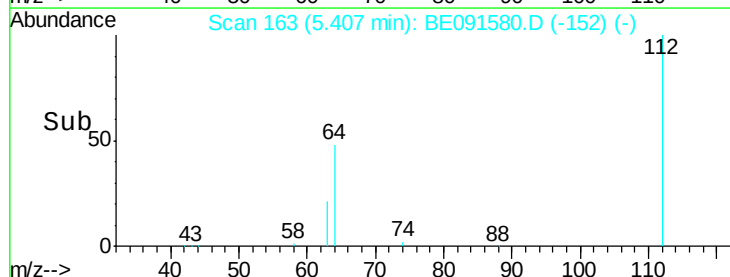
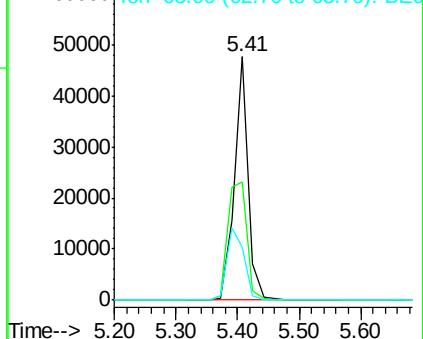
63 36.3 29.8 44.8

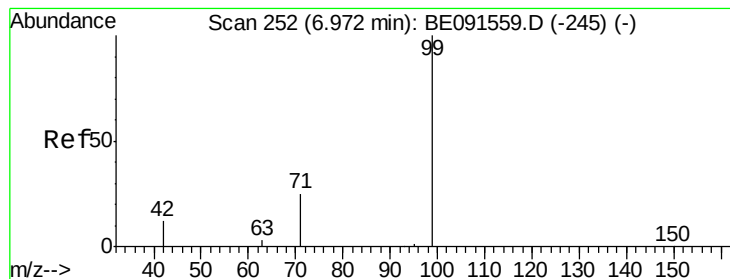


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 8.02 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.02 min

Lab File: BE091580.D

Acq: 31 Mar 2016 12:14

Instrument :

BNA_E

ClientSampleId :

PB89317BL

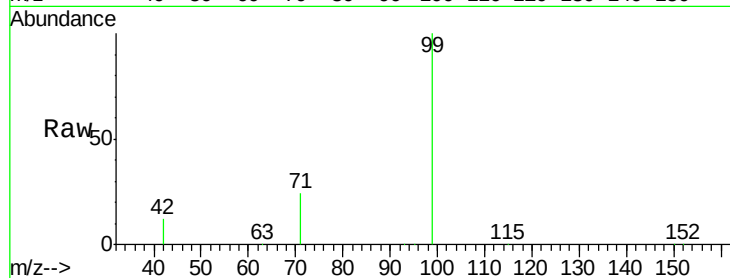
Tgt Ion: 99 Resp: 105086

Ion Ratio Lower Upper

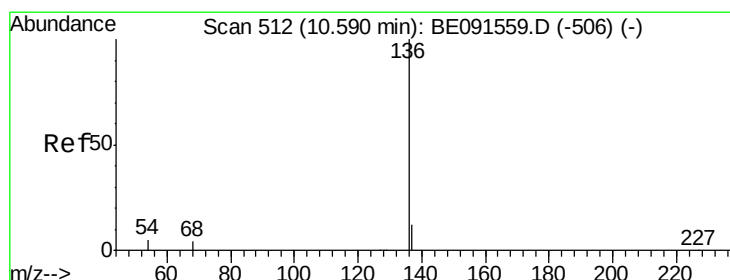
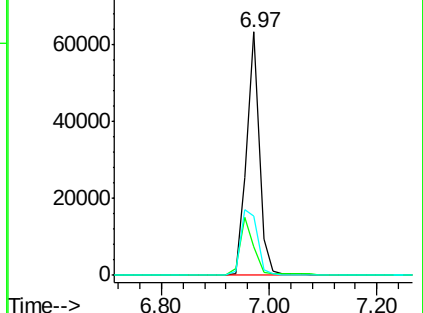
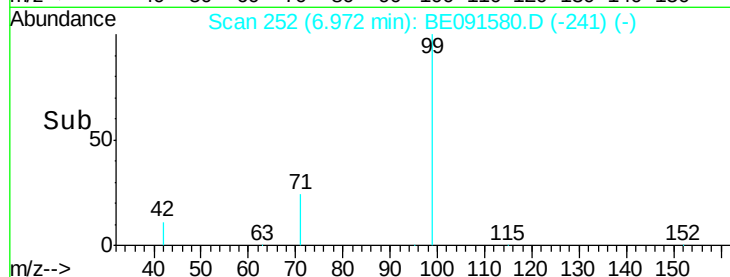
99 100

42 24.4 20.6 30.8

71 35.1 29.0 43.4



Abundance Ion 99.00 (98.70 to 99.70): BE091580.D (-241) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.59 min Scan# 512

Delta R.T. 0.00 min

Lab File: BE091580.D

Acq: 31 Mar 2016 12:14

Tgt Ion: 136 Resp: 165033

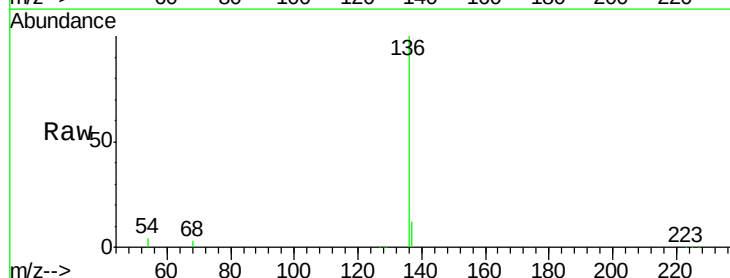
Ion Ratio Lower Upper

136 100

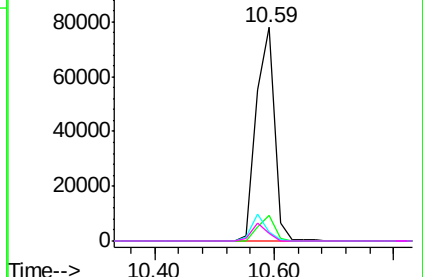
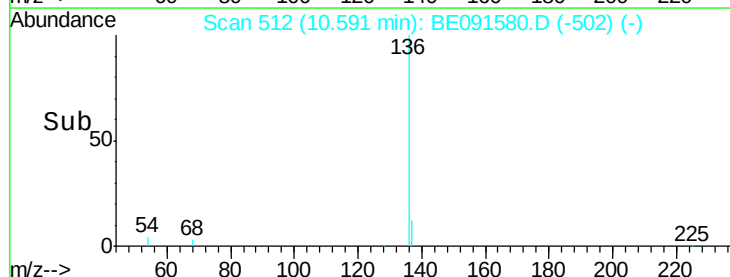
137 11.8 8.8 13.2

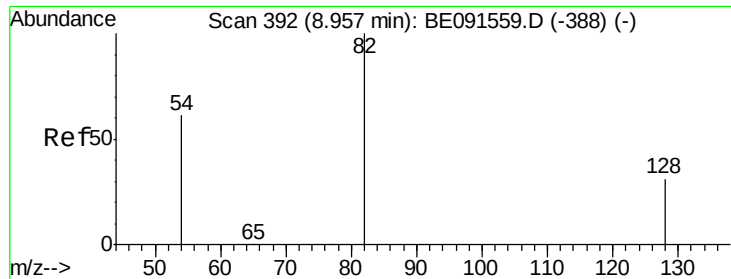
54 4.1 5.2 7.8#

68 3.5 4.1 6.1#



Abundance Ion 136.00 (135.70 to 136.70): BE091580.D (-502) (-)





#7

Nitrobenzene-d5

Concen: 3.95 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.02 min

Lab File: BE091580.D

Acq: 31 Mar 2016 12:14

Instrument :

BNA_E

ClientSampleId :

PB89317BL

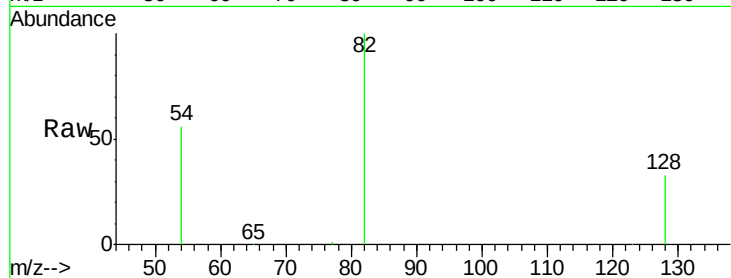
Tgt Ion: 82 Resp: 43791

Ion Ratio Lower Upper

82 100

128 32.7 23.5 35.3

54 55.6 52.4 78.6

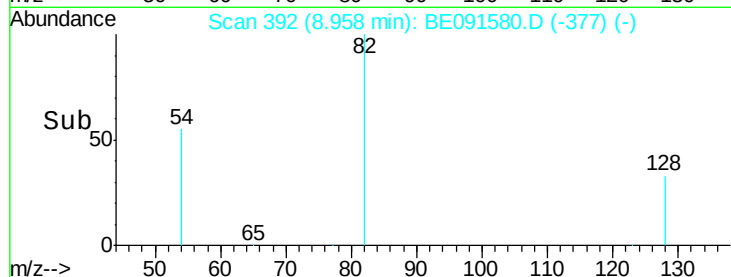


Abundance Ion 82.00 (81.70 to 82.70): BE091559.D (-388) (-)

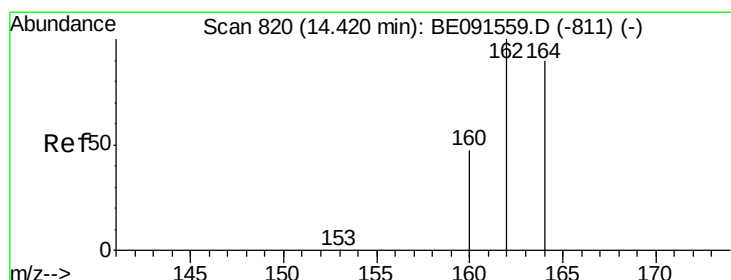
Ion 128.00 (127.70 to 128.70): BE091559.D (-388) (-)

Ion 54.00 (53.70 to 54.70): BE091559.D (-388) (-)

Time-->



Time-->



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. -0.03 min

Lab File: BE091580.D

Acq: 31 Mar 2016 12:14

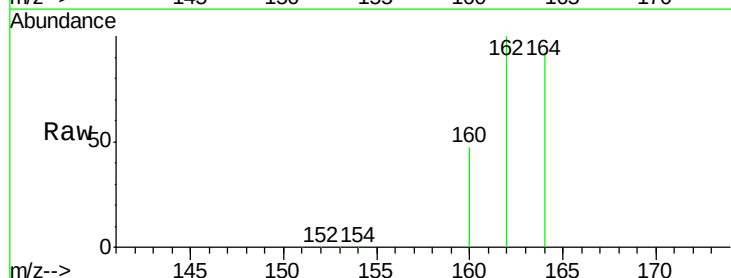
Tgt Ion: 164 Resp: 99782

Ion Ratio Lower Upper

164 100

162 109.0 84.4 126.6

160 50.8 37.7 56.5

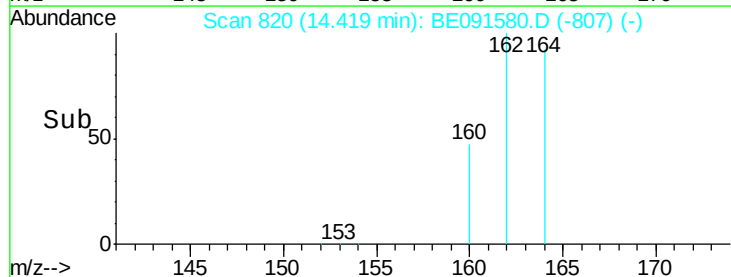


Abundance Ion 164.00 (163.70 to 164.70): BE091559.D (-811) (-)

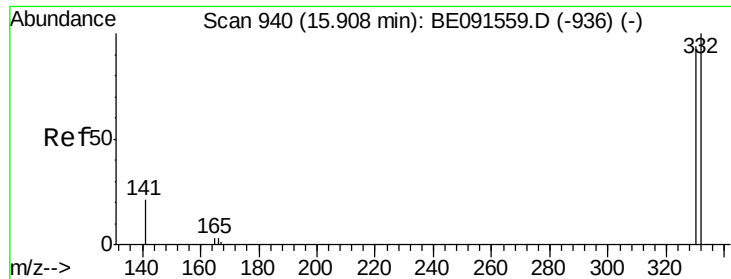
Ion 162.00 (161.70 to 162.70): BE091559.D (-811) (-)

Ion 160.00 (159.70 to 160.70): BE091559.D (-811) (-)

Time-->



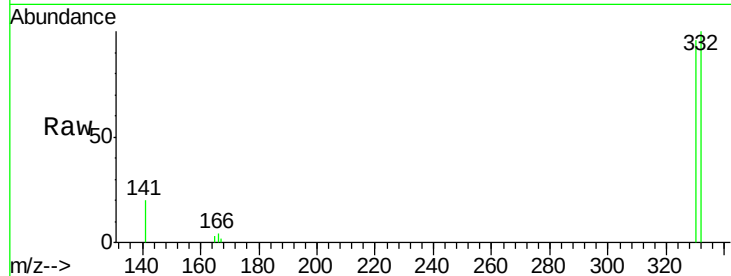
Time-->



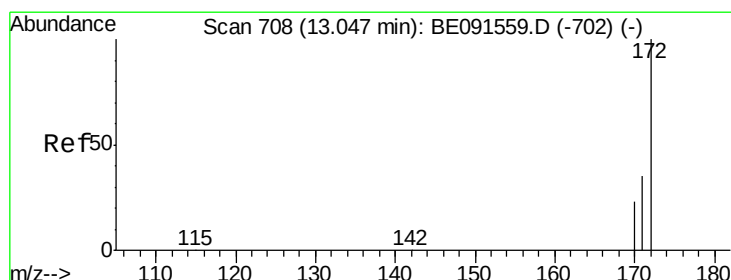
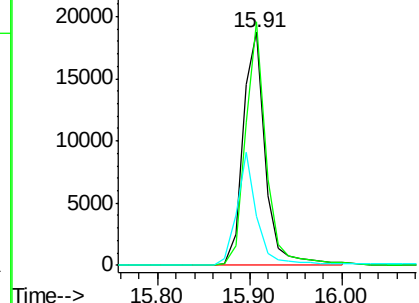
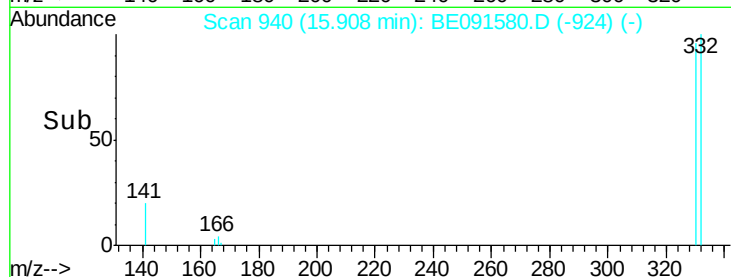
#11
 2,4,6-Tribromophenol
 Concen: 7.03 ng
 RT: 15.91 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BE091580.D
 Acq: 31 Mar 2016 12:14

Instrument :
 BNA_E
 ClientSampleId :
 PB89317BL

Tgt Ion:330 Resp: 31106
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.2 118.8
 141 43.2 28.1 42.1#

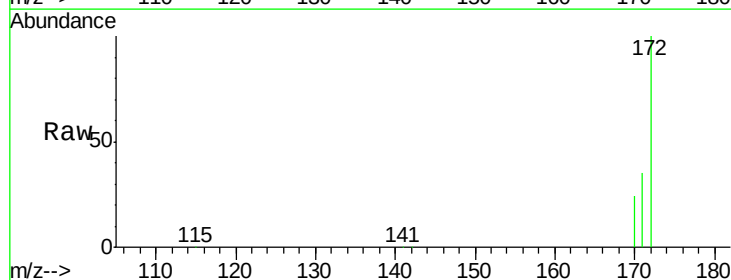


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

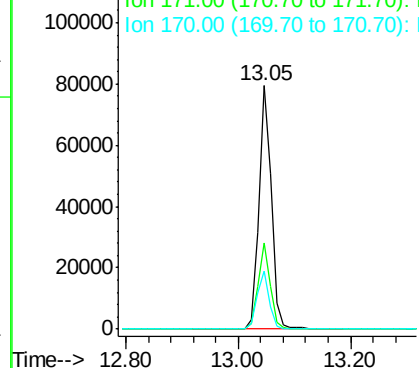
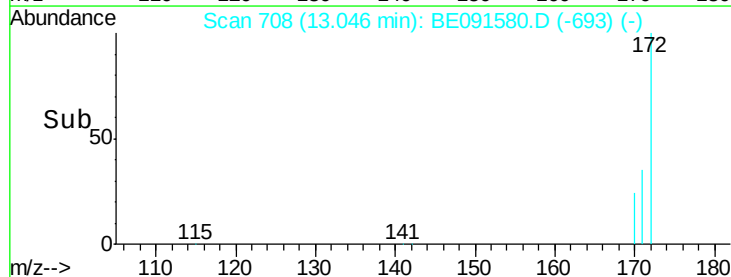


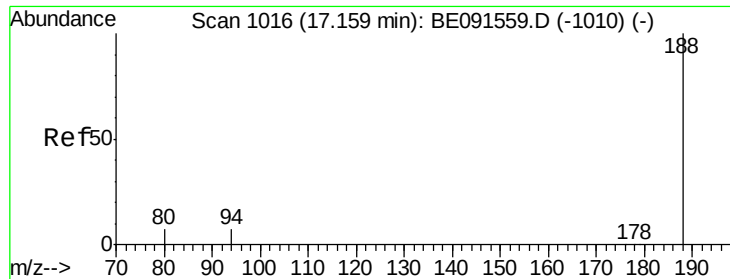
#12
 2-Fluorobiphenyl
 Concen: 4.33 ng
 RT: 13.05 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: BE091580.D
 Acq: 31 Mar 2016 12:14

Tgt Ion:172 Resp: 122778
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.8 44.8
 170 23.8 21.4 32.2



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

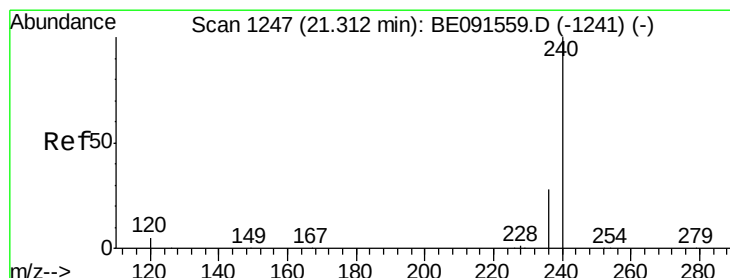
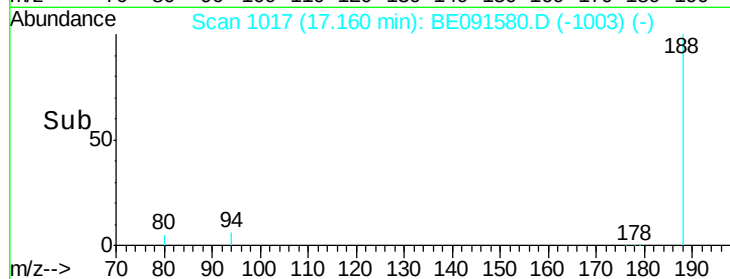
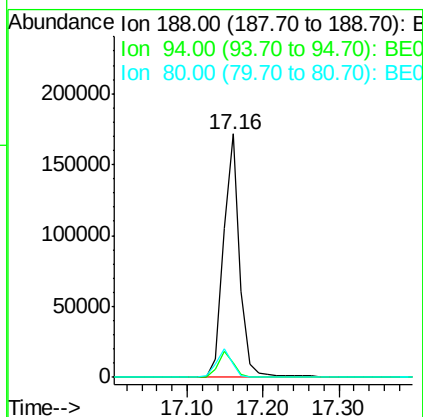
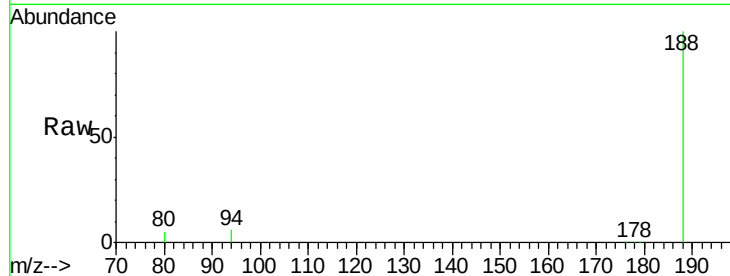




#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BE091580.D
Acq: 31 Mar 2016 12:14

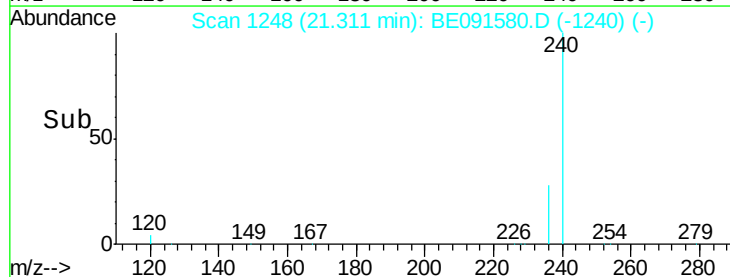
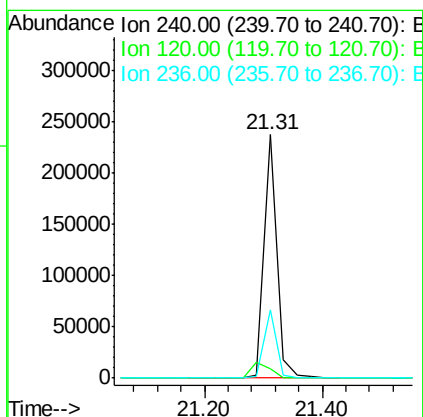
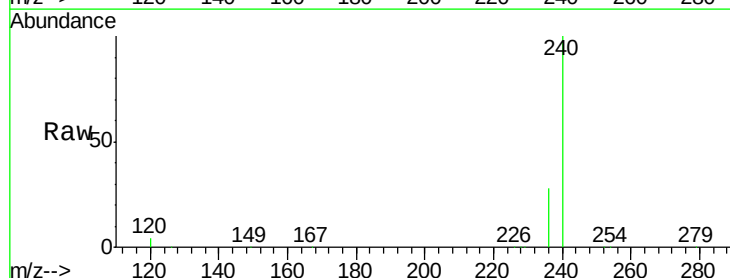
Instrument :
BNA_E
ClientSampleId :
PB89317BL

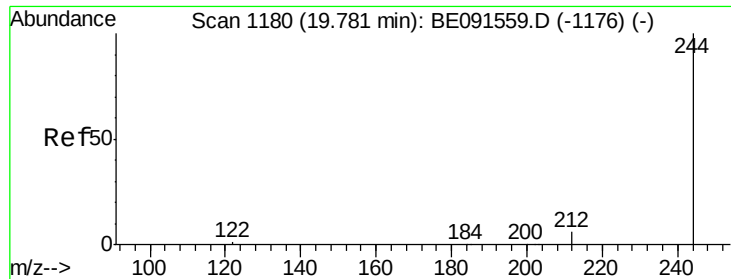
Tgt Ion:188 Resp: 257871
Ion Ratio Lower Upper
188 100
94 5.8 5.4 8.2
80 5.3 5.0 7.4



#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BE091580.D
Acq: 31 Mar 2016 12:14

Tgt Ion:240 Resp: 362886
Ion Ratio Lower Upper
240 100
120 3.7 4.0 6.0#
236 28.1 23.0 34.4





#24

Terphenyl-d14

Concen: 4.45 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BE091580.D

Acq: 31 Mar 2016 12:14

Instrument :

BNA_E

ClientSampleId :

PB89317BL

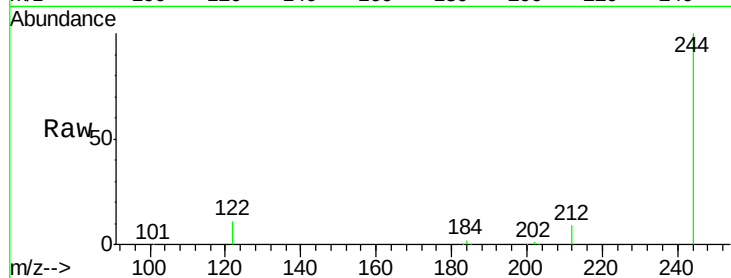
Tgt Ion:244 Resp: 205060

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

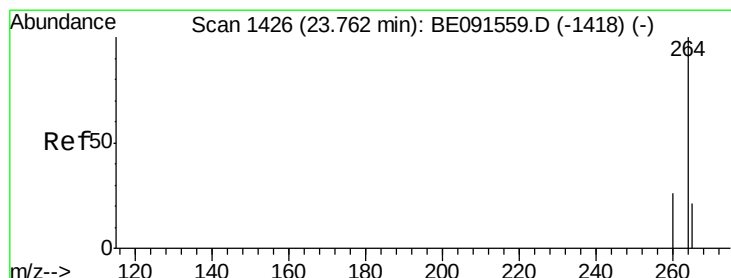
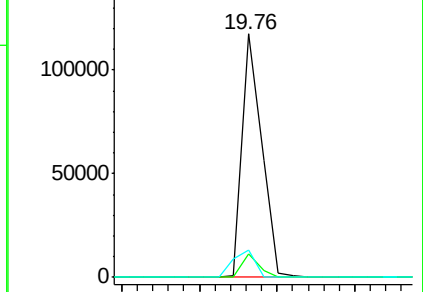
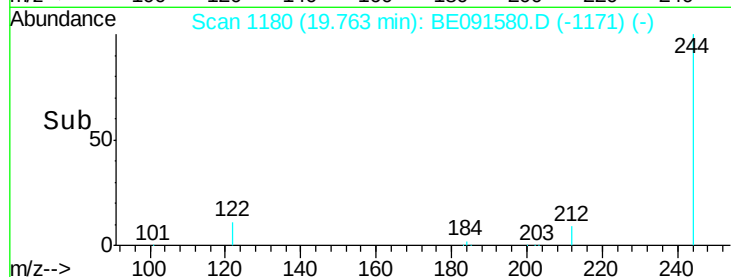
122 11.0 1.8 2.8#



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



#28

Perylene-d12

Concen: 5.00 ng

RT: 23.76 min Scan# 1427

Delta R.T. -0.03 min

Lab File: BE091580.D

Acq: 31 Mar 2016 12:14

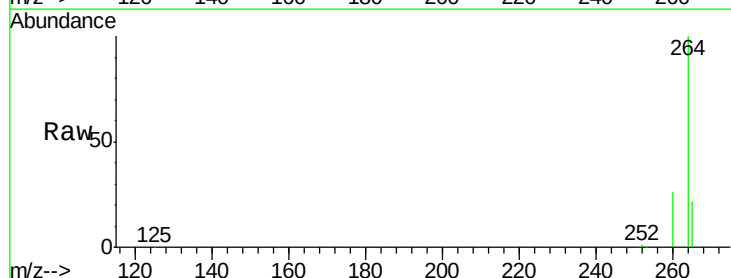
Tgt Ion:264 Resp: 309400

Ion Ratio Lower Upper

264 100

260 25.9 20.1 30.1

265 21.6 18.3 27.5



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

