

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032816\
 Data File : BE091539.D
 Acq On : 28 Mar 2016 14:43
 Operator : UM/SJ
 Sample : PB88878BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB88878BL

Quant Time: Mar 29 01:14:39 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 19:00:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	36023	5.00	ng	0.00
6) Naphthalene-d8	10.59	136	174127	5.00	ng	0.00
10) Acenaphthene-d10	14.43	164	102113	5.00	ng	-0.01
16) Phenanthrene-d10	17.17	188	257519	5.00	ng	0.00
22) Chrysene-d12	21.33	240	261408	5.00	ng	0.00
28) Perylene-d12	23.78	264	269356	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	63337	9.02	ng	-0.02
5) Phenol-d6	6.97	99	90824	9.48	ng	-0.02
7) Nitrobenzene-d5	8.97	82	32280	4.27	ng	-0.01
11) 2,4,6-Tribromophenol	15.91	330	19904	11.46	ng	-0.01
12) 2-Fluorobiphenyl	13.06	172	118628	4.12	ng	-0.01
24) Terphenyl-d14	19.78	244	196581	4.57	ng	0.00

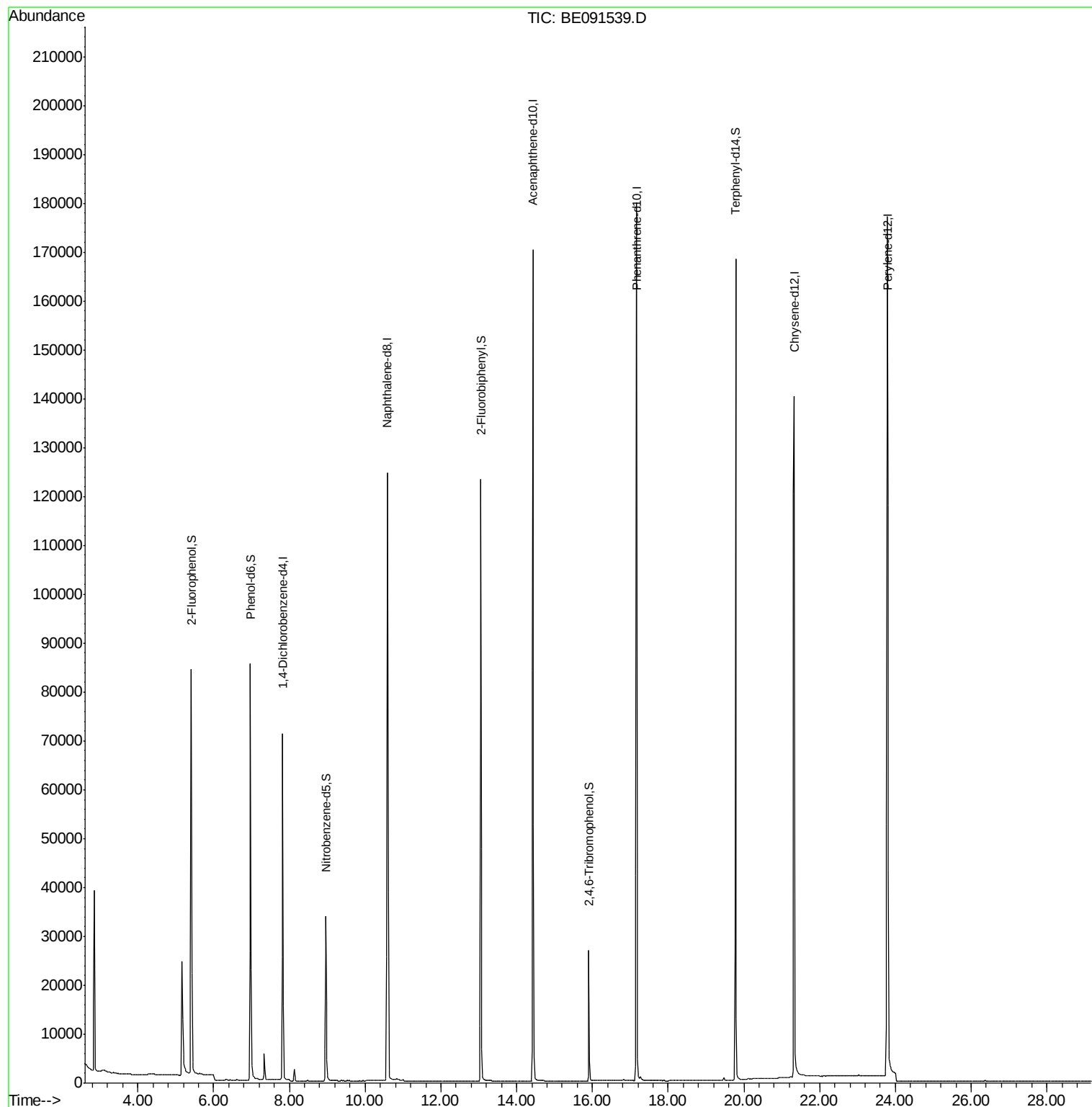
Target Compounds	Qvalue
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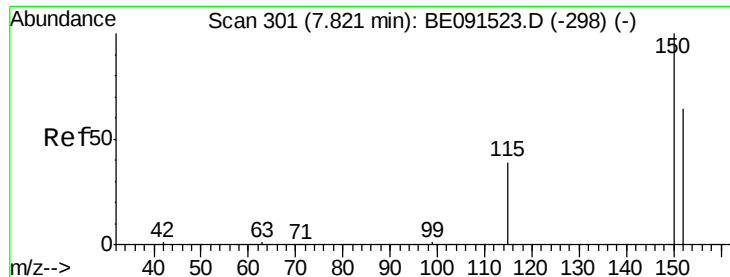
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 25 19:00:32 2016
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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: BE091539.D

Acq: 28 Mar 2016 14:43

Instrument :

BNA_E

ClientSampleId :

PB88878BL

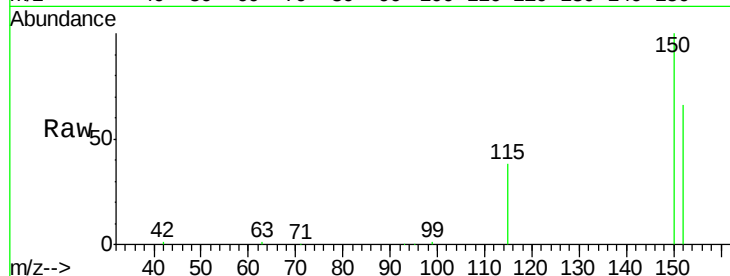
Tgt Ion:152 Resp: 36023

Ion Ratio Lower Upper

152 100

150 151.7 122.2 183.2

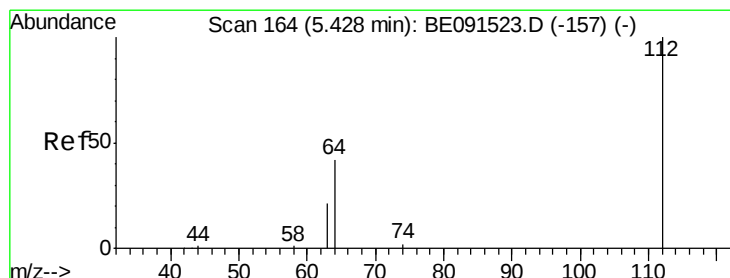
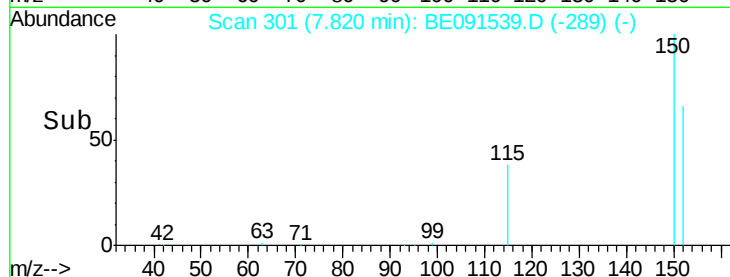
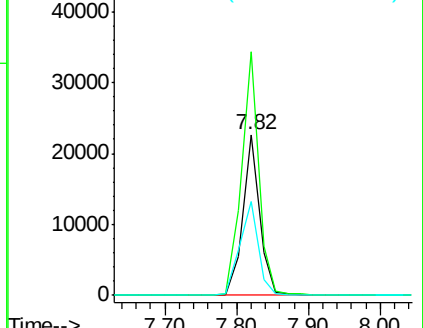
115 58.4 45.9 68.9



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: 9.02 ng

RT: 5.41 min Scan# 163

Delta R.T. -0.02 min

Lab File: BE091539.D

Acq: 28 Mar 2016 14:43

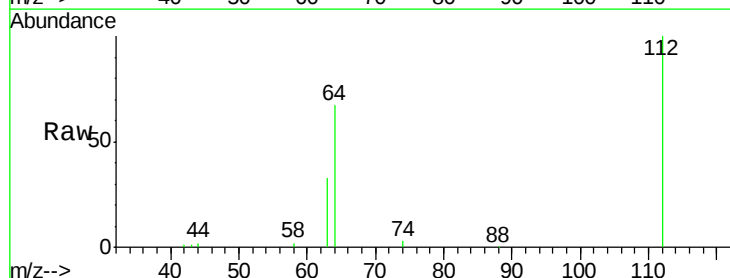
Tgt Ion:112 Resp: 63337

Ion Ratio Lower Upper

112 100

64 67.3 53.3 79.9

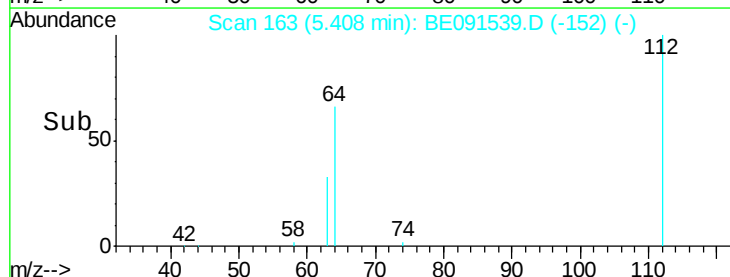
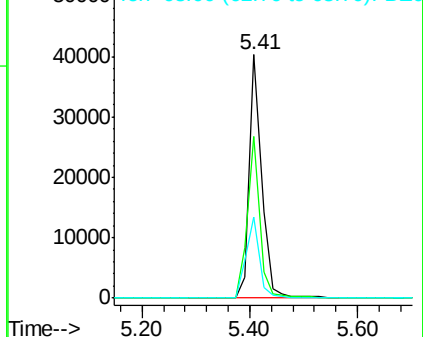
63 36.6 29.8 44.8

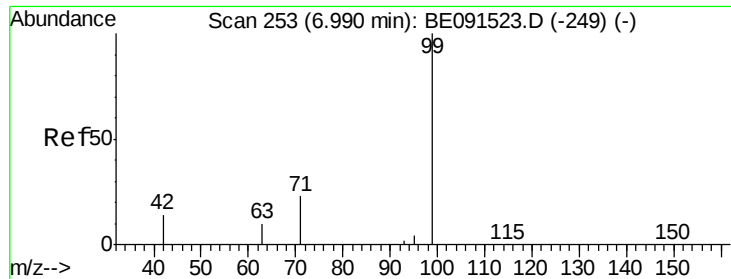


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 9.48 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.02 min

Lab File: BE091539.D

Acq: 28 Mar 2016 14:43

Instrument :

BNA_E

ClientSampleId :

PB88878BL

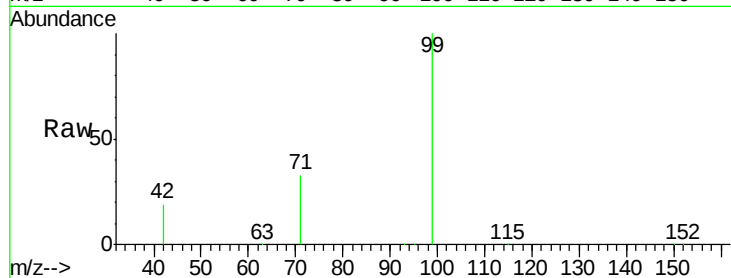
Tgt Ion: 99 Resp: 90824

Ion Ratio Lower Upper

99 100

42 25.6 20.6 30.8

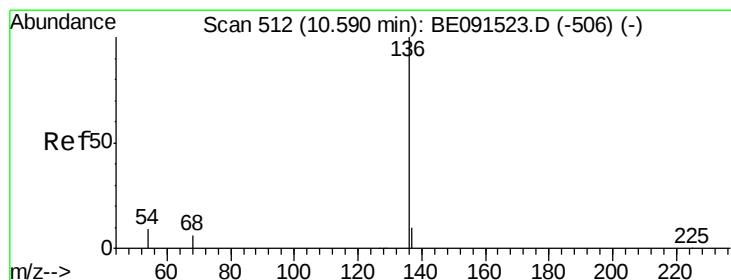
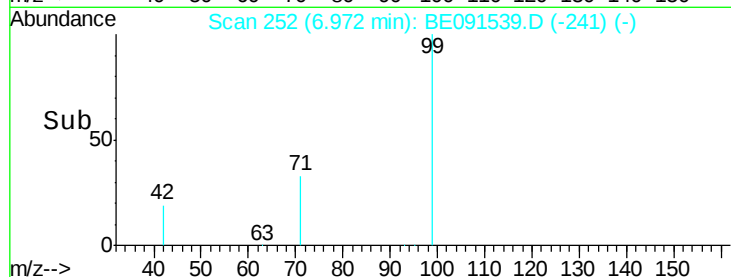
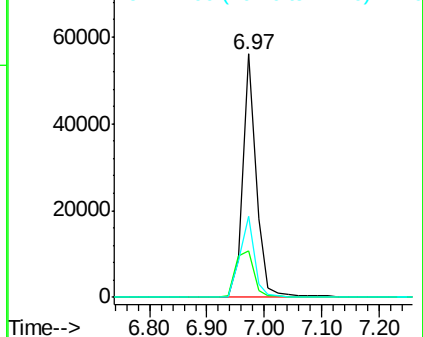
71 35.8 29.0 43.4



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



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.59 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE091539.D

Acq: 28 Mar 2016 14:43

Tgt Ion: 136 Resp: 174127

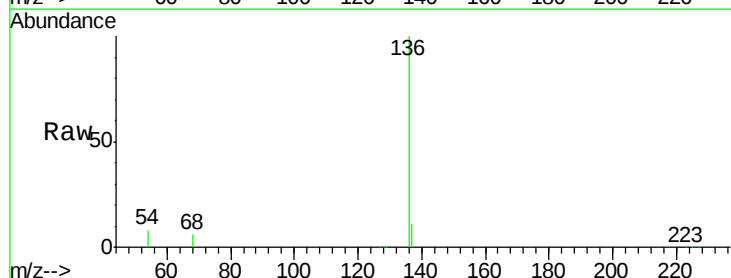
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 8.4 5.2 7.8#

68 6.0 4.1 6.1

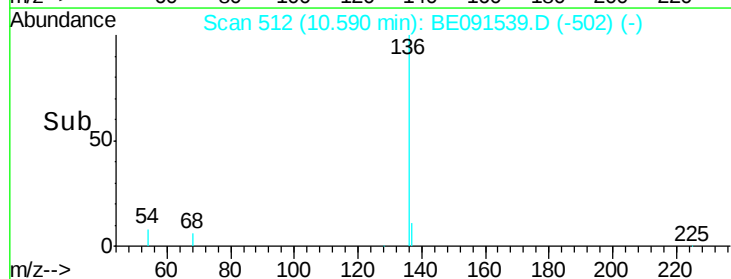
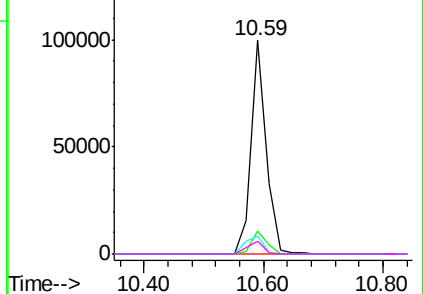


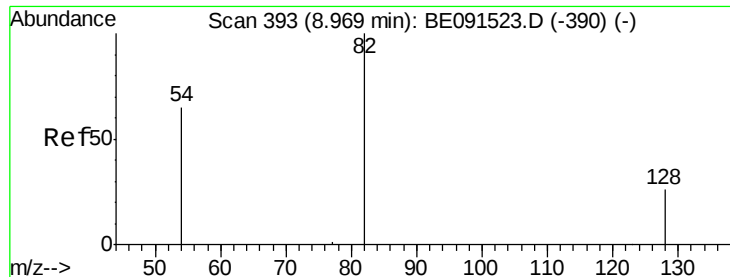
Abundance Ion 136.00 (135.70 to 136.70): E

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





#7

Nitrobenzene-d5

Concen: 4.27 ng

RT: 8.97 min Scan# 393

Delta R.T. -0.01 min

Lab File: BE091539.D

Acq: 28 Mar 2016 14:43

Instrument :

BNA_E

ClientSampleId :

PB88878BL

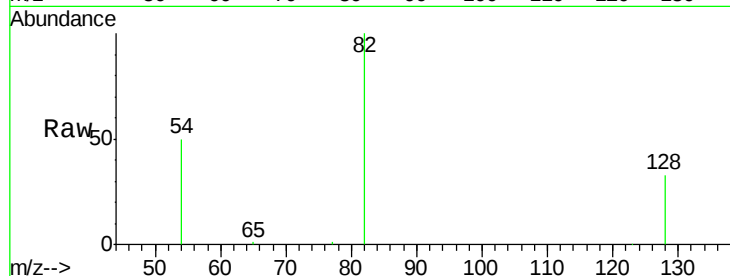
Tgt Ion: 82 Resp: 32280

Ion Ratio Lower Upper

82 100

128 33.4 23.5 35.3

54 49.6 52.4 78.6#



Abundance Ion 82.00 (81.70 to 82.70): BE091523.D (-390) (-)

Ion 128.00 (127.70 to 128.70): BE091523.D (-390) (-)

Ion 54.00 (53.70 to 54.70): BE091523.D (-390) (-)

8.97

25000

20000

15000

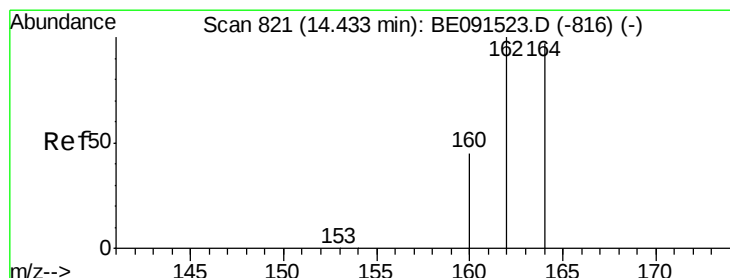
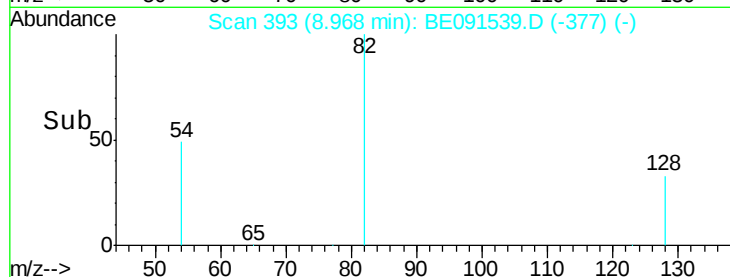
10000

5000

0

Time-->

8.90 9.00 9.10 9.20



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.43 min Scan# 821

Delta R.T. -0.01 min

Lab File: BE091539.D

Acq: 28 Mar 2016 14:43

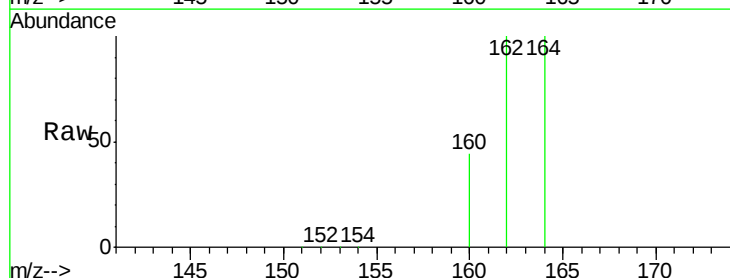
Tgt Ion: 164 Resp: 102113

Ion Ratio Lower Upper

164 100

162 100.3 84.4 126.6

160 43.7 37.7 56.5



Abundance Ion 164.00 (163.70 to 164.70): BE091523.D (-816) (-)

Ion 162.00 (161.70 to 162.70): BE091523.D (-816) (-)

Ion 160.00 (159.70 to 160.70): BE091523.D (-816) (-)

14.43

80000

60000

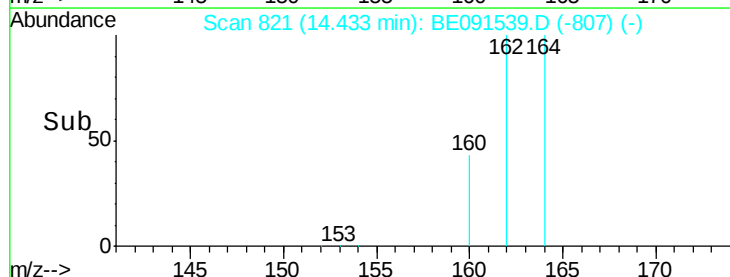
40000

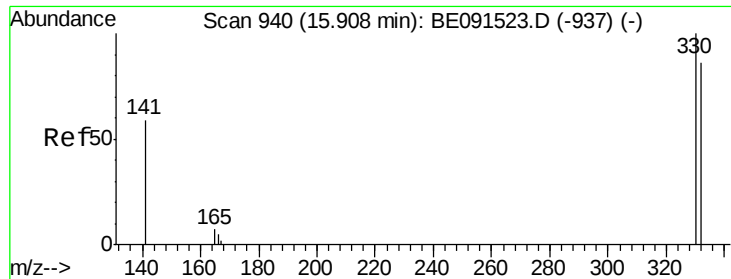
20000

0

Time-->

14.40 14.60

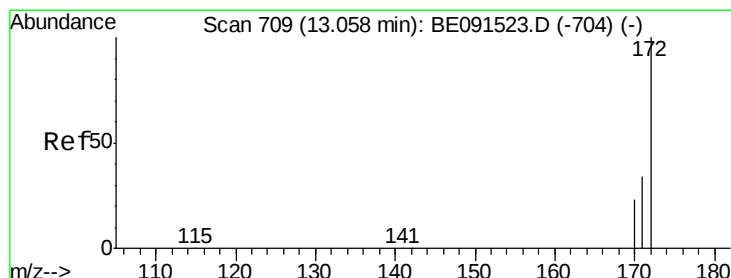
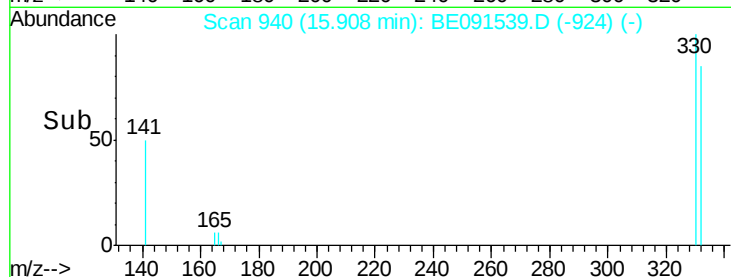
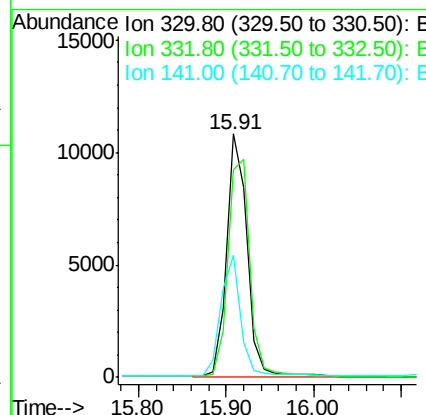
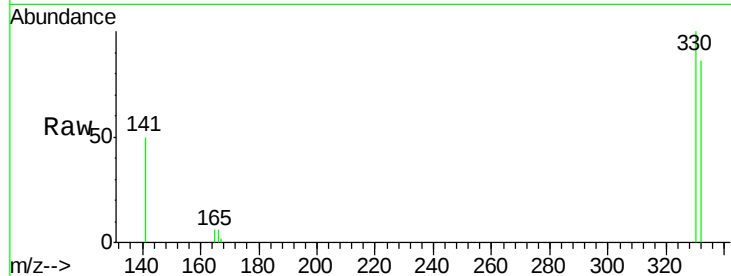




#11
 2,4,6-Tribromophenol
 Concen: 11.46 ng
 RT: 15.91 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BE091539.D
 Acq: 28 Mar 2016 14:43

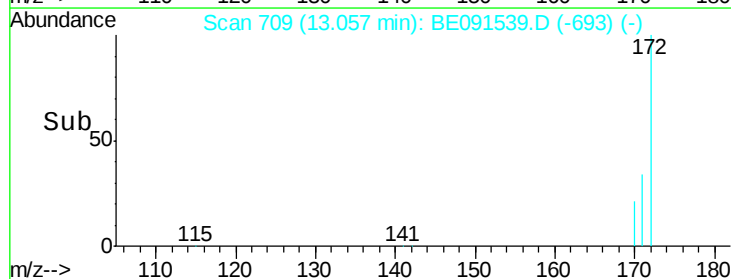
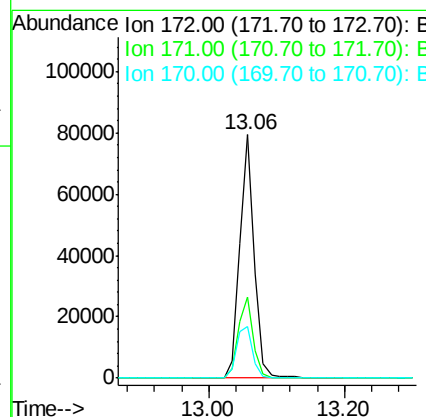
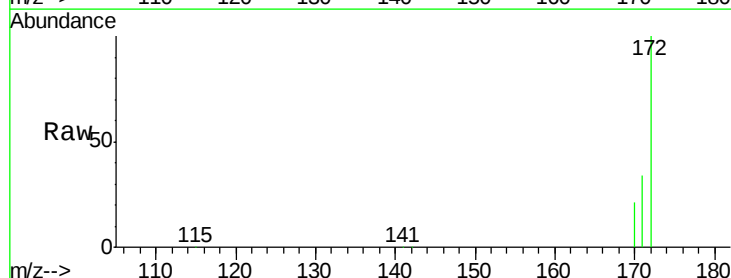
Instrument :
 BNA_E
 ClientSampleId :
 PB88878BL

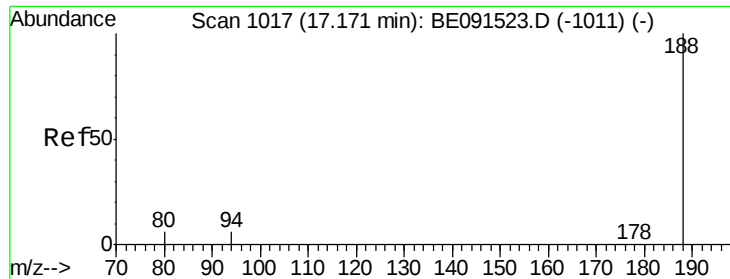
Tgt Ion:330 Resp: 19904
 Ion Ratio Lower Upper
 330 100
 332 97.2 79.2 118.8
 141 47.0 28.1 42.1#



#12
 2-Fluorobiphenyl
 Concen: 4.12 ng
 RT: 13.06 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BE091539.D
 Acq: 28 Mar 2016 14:43

Tgt Ion:172 Resp: 118628
 Ion Ratio Lower Upper
 172 100
 171 33.6 29.8 44.8
 170 21.3 21.4 32.2#

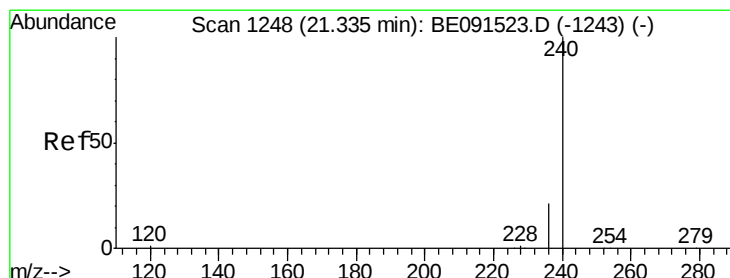
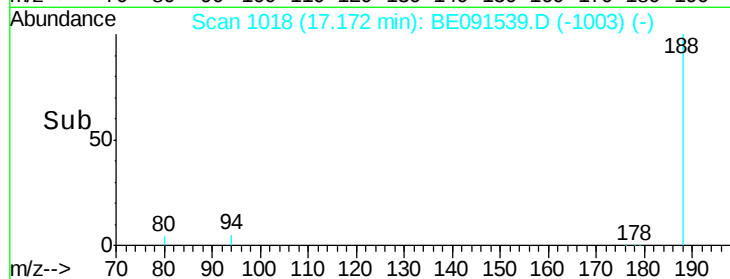
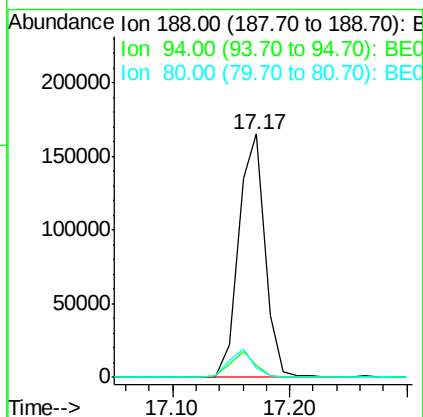
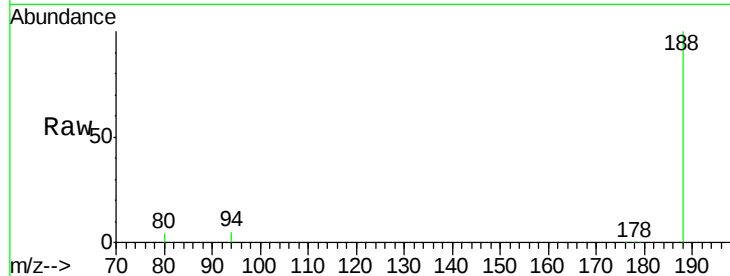




#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.17 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BE091539.D
Acq: 28 Mar 2016 14:43

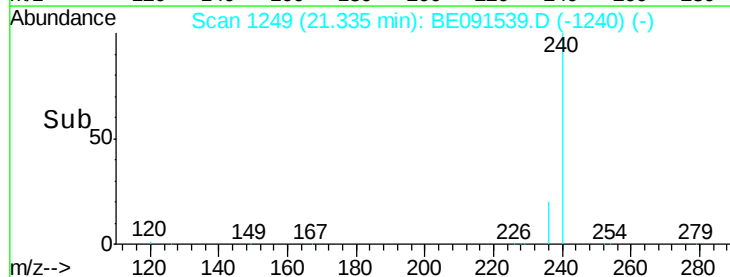
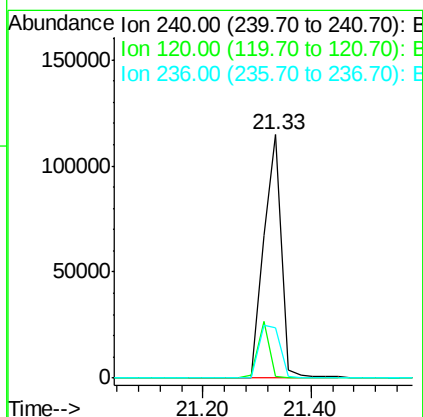
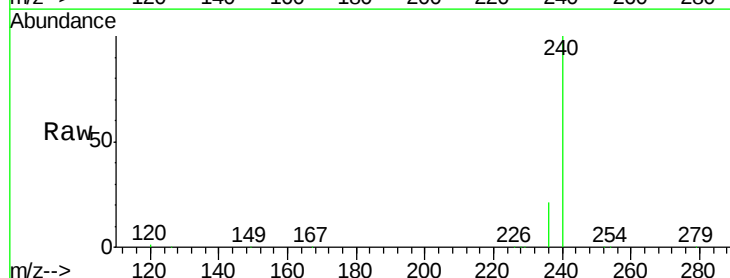
Instrument :
BNA_E
ClientSampleId :
PB88878BL

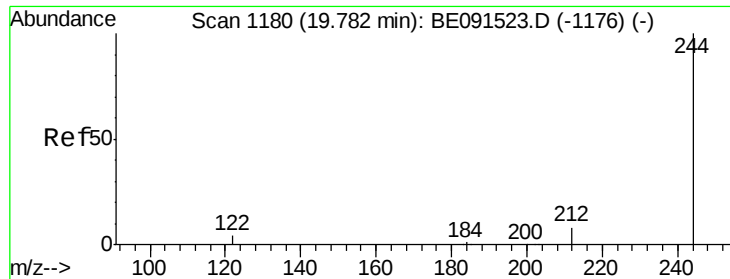
Tgt Ion:188 Resp: 257519
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.2#
80 3.9 5.0 7.4#



#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.33 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BE091539.D
Acq: 28 Mar 2016 14:43

Tgt Ion:240 Resp: 261408
Ion Ratio Lower Upper
240 100
120 0.9 4.0 6.0#
236 20.5 23.0 34.4#





#24

Terphenyl-d14

Concen: 4.57 ng

RT: 19.78 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BE091539.D

Acq: 28 Mar 2016 14:43

Instrument :

BNA_E

ClientSampleId :

PB88878BL

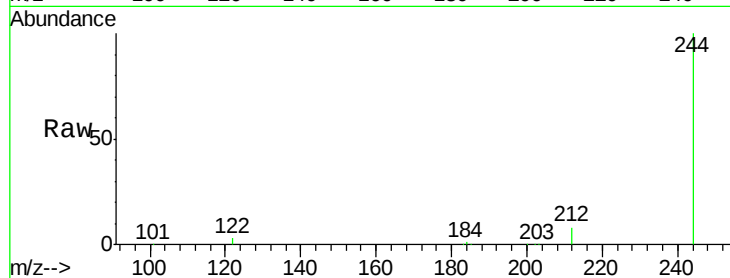
Tgt Ion:244 Resp: 196581

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

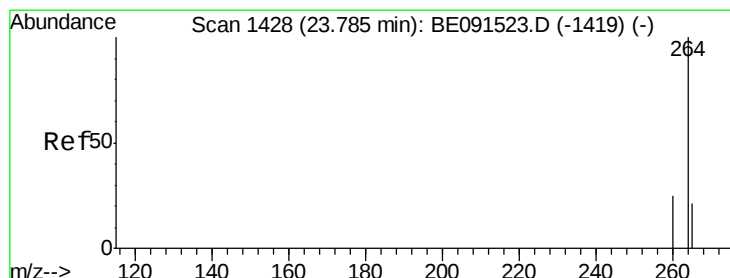
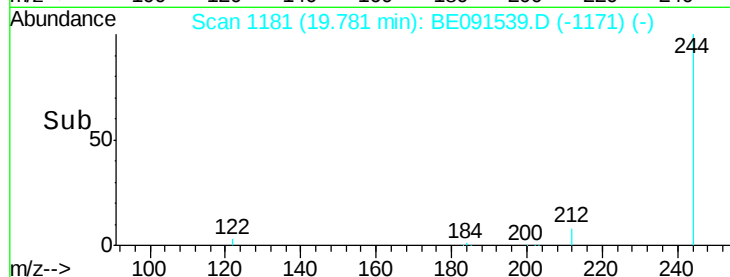
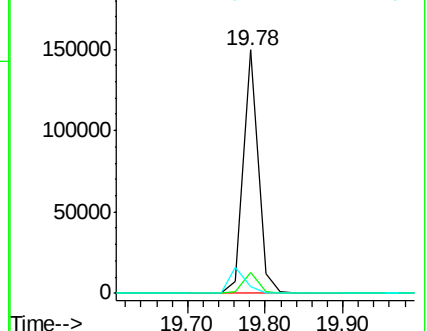
122 2.6 1.8 2.8



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: 23.78 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BE091539.D

Acq: 28 Mar 2016 14:43

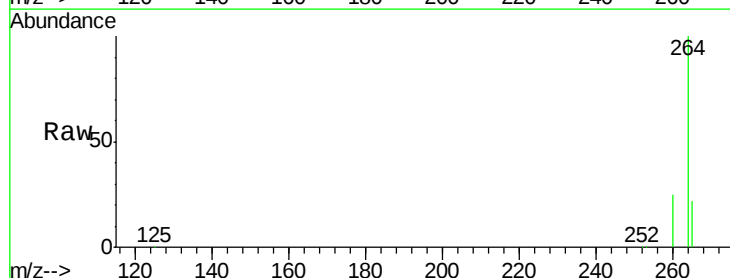
Tgt Ion:264 Resp: 269356

Ion Ratio Lower Upper

264 100

260 24.7 20.1 30.1

265 22.2 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

