

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021916\
 Data File : BE091414.D
 Acq On : 19 Feb 2016 14:57
 Operator : UM/IZ
 Sample : PB88423BL
 Misc : Use for H1498
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB88423BL

Quant Time: Feb 19 22:43:37 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	6.86	152	37906	5.00	ng	-0.01
4) Naphthalene-d8	9.54	136	182483	5.00	ng	0.00
8) Acenaphthene-d10	13.35	164	123427	5.00	ng	0.00
14) Phenanthrene-d10	16.08	188	305922	5.00	ng	-0.01
18) Chrysene-d12	20.22	240	352256	5.00	ng	0.00
24) Perylene-d12	22.09	264	366920	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 2-Fluorophenol	4.89	112	68126	7.58	ng	-0.06
3) Phenol-d6	6.53	99	94981	7.46	ng	-0.04
5) Nitrobenzene-d5	8.16	82	46600	3.92	ng	0.00
9) 2,4,6-Tribromophenol	14.89	330	31322	5.30	ng	-0.01
10) 2-Fluorobiphenyl	12.00	172	129650	4.04	ng	-0.01
20) Terphenyl-d14	18.61	244	212437	4.08	ng	0.00

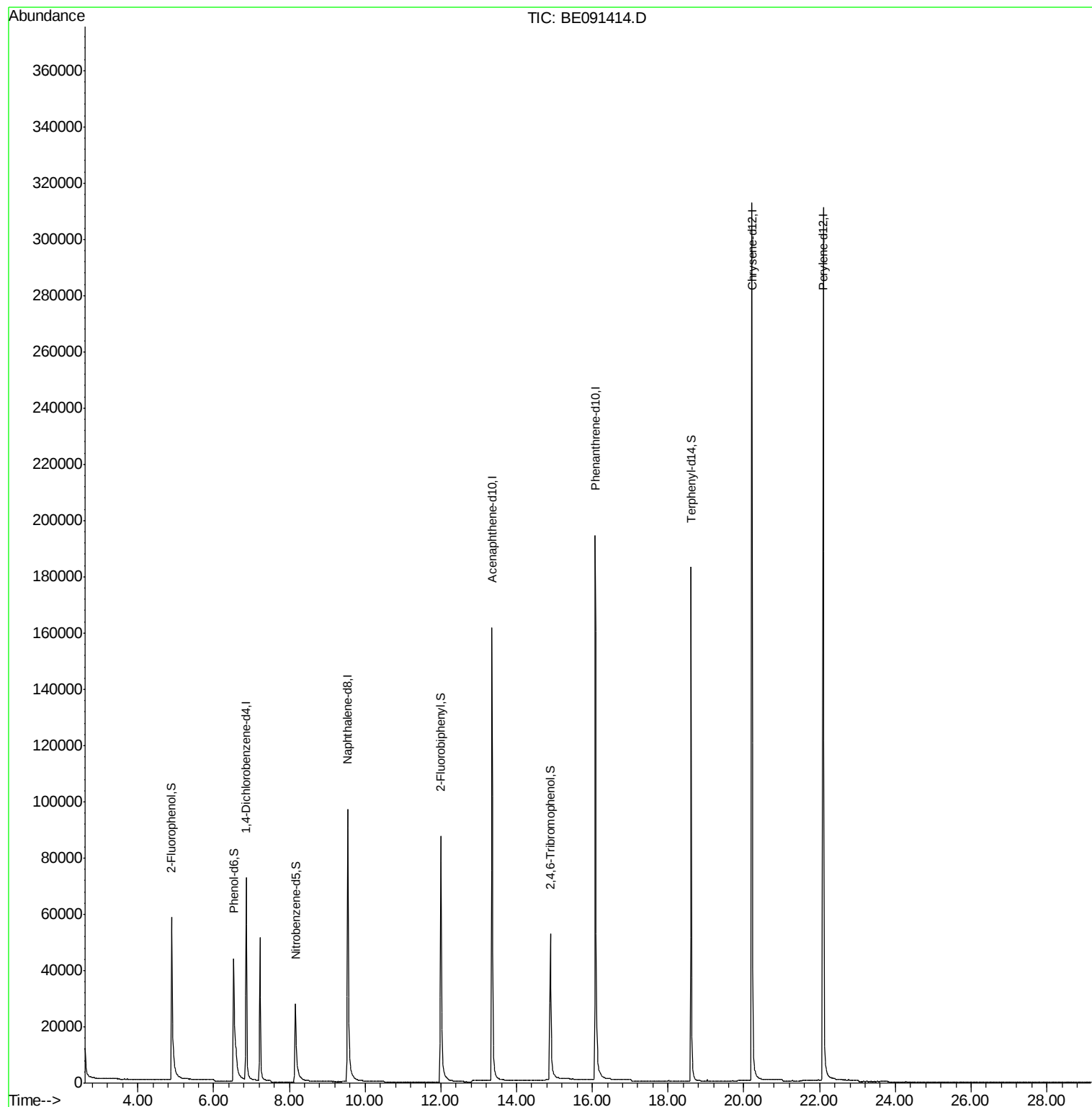
Target Compounds	Qvalue
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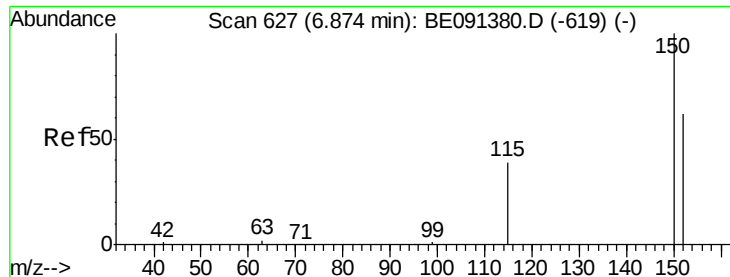
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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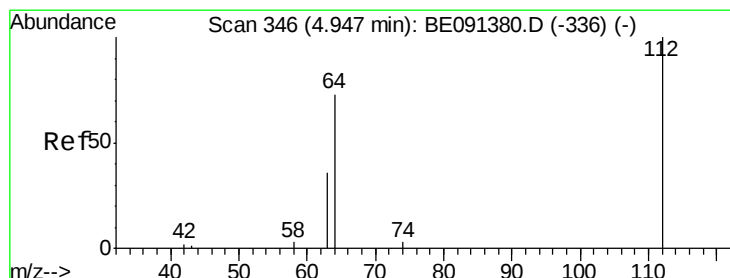
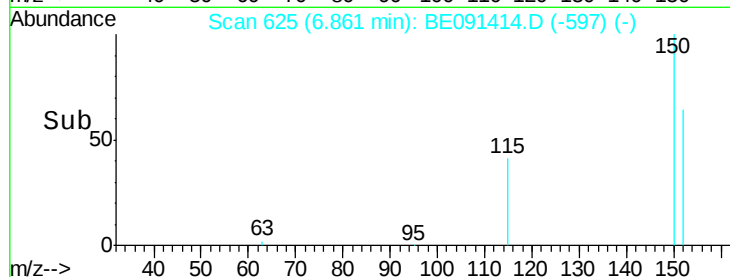
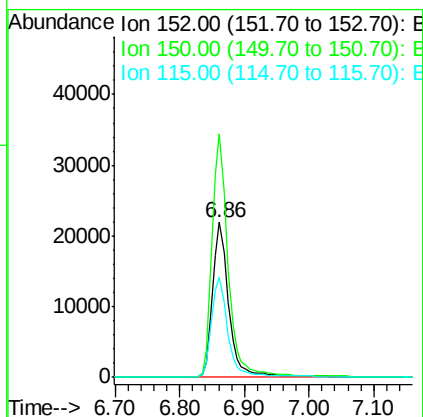
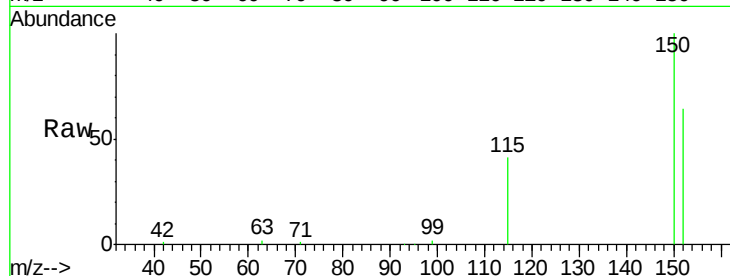


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.86 min Scan# 625
Delta R.T. -0.01 min
Lab File: BE091414.D
Acq: 19 Feb 2016 14:57

Instrument :
BNA_E
ClientSampleId :
PB88423BL

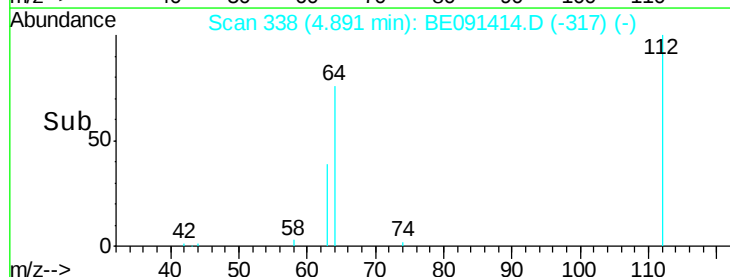
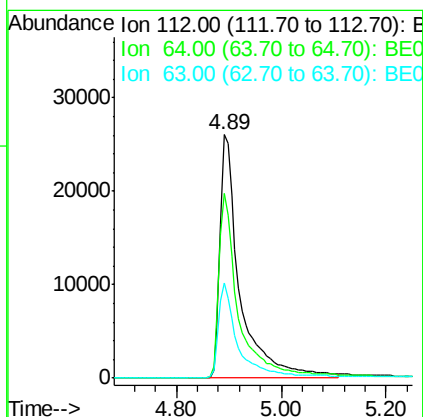
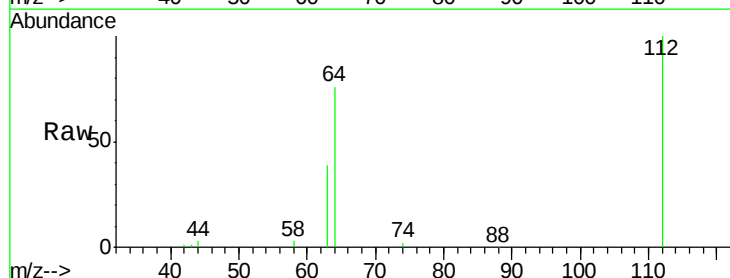
Tot Ion:152 Resp: 37906
Ion Ratio Lower Upper
152 100
150 156.8 128.9 193.3
115 64.7 50.9 76.3

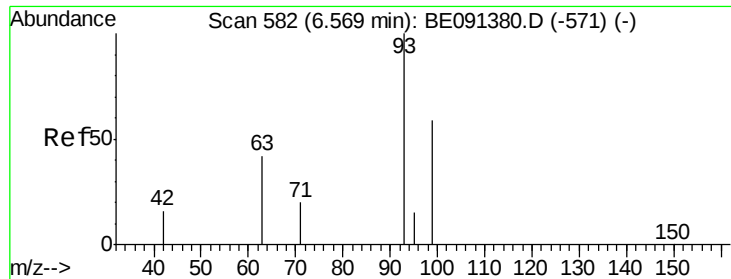


#2

2-Fluorophenol
Concen: 7.58 ng
RT: 4.89 min Scan# 338
Delta R.T. -0.06 min
Lab File: BE091414.D
Acq: 19 Feb 2016 14:57

Tgt Ion:112 Resp: 68126
Ion Ratio Lower Upper
112 100
64 74.4 60.5 90.7
63 37.7 29.8 44.8





#3

Phenol-d6

Concen: 7.46 ng

RT: 6.53 min Scan# 576

Delta R.T. -0.04 min

Lab File: BE091414.D

Acq: 19 Feb 2016 14:57

Instrument :

BNA_E

ClientSampleId :

PB88423BL

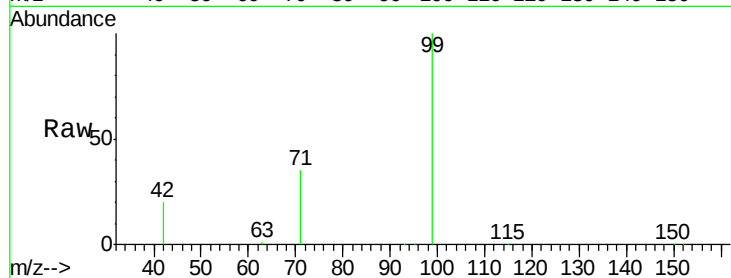
Tot Ion: 99 Resp: 94981

Ion Ratio Lower Upper

99 100

42 15.8 13.3 19.9

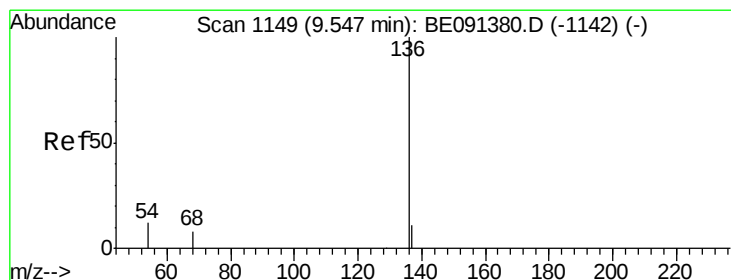
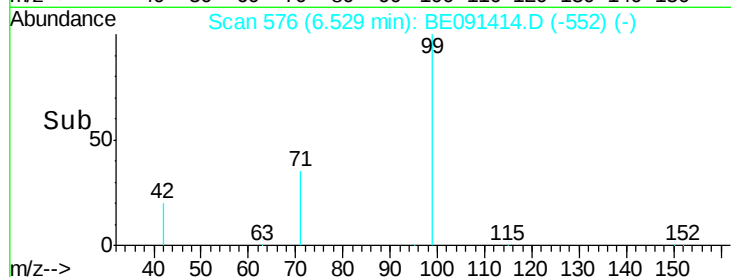
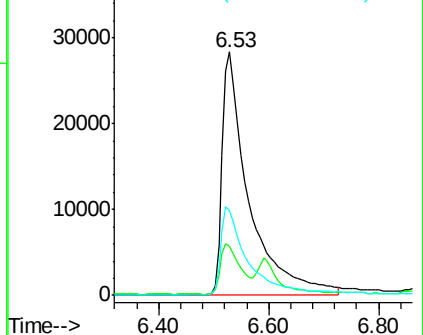
71 36.4 25.6 38.4



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: 9.54 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE091414.D

Acq: 19 Feb 2016 14:57

Tgt Ion: 136 Resp: 182483

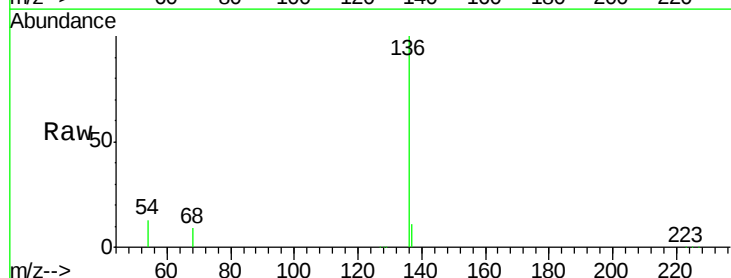
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 12.6 9.3 13.9

68 8.5 6.7 10.1

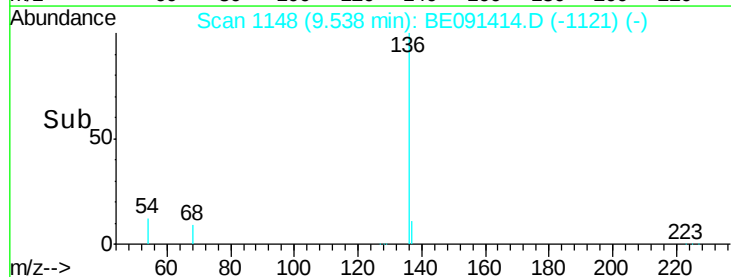
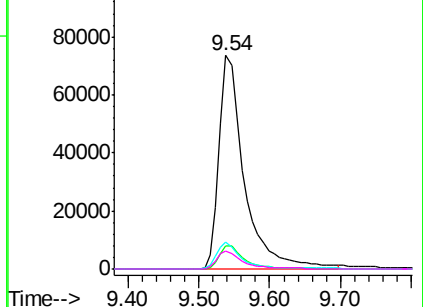


Abundance Ion 136.00 (135.70 to 136.70): E

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





#5

Nitrobenzene-d5

Concen: 3.92 ng

RT: 8.16 min Scan# 860

Delta R.T. -0.01 min

Lab File: BE091414.D

Acq: 19 Feb 2016 14:57

Instrument :

BNA_E

ClientSampleId :

PB88423BL

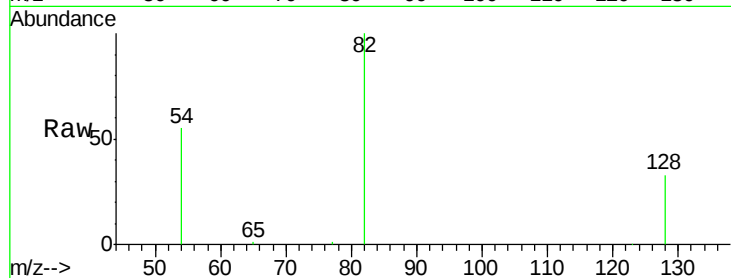
Tot Ion: 82 Resp: 46600

Ion Ratio Lower Upper

82 100

128 32.5 25.0 37.4

54 55.5 48.1 72.1



Abundance Ion 82.00 (81.70 to 82.70): BE091380.D (-851) (-)

Ion 128.00 (127.70 to 128.70): BE091380.D (-851) (-)

Ion 54.00 (53.70 to 54.70): BE091380.D (-851) (-)

8.16

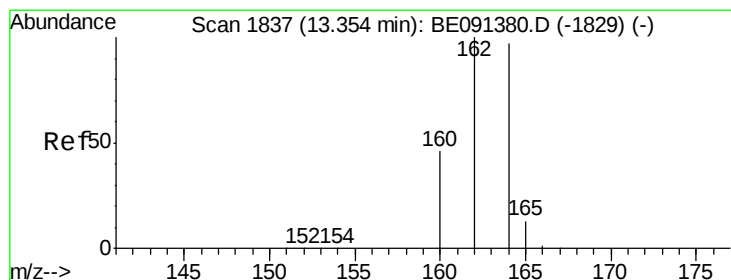
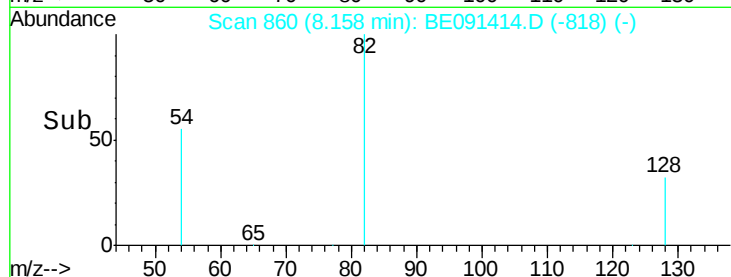
15000

10000

5000

0

Time--> 8.00 8.10 8.20 8.30 8.40



#8

Acenaphthene-d10

Concen: 5.00 ng

RT: 13.35 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BE091414.D

Acq: 19 Feb 2016 14:57

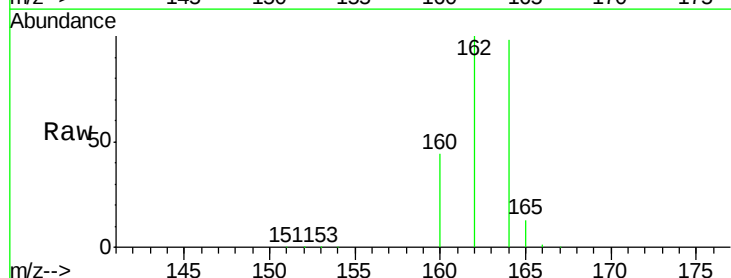
Tgt Ion: 164 Resp: 123427

Ion Ratio Lower Upper

164 100

162 102.2 82.2 123.2

160 45.2 37.8 56.8



Abundance Ion 164.00 (163.70 to 164.70): BE091380.D (-1829) (-)

Ion 162.00 (161.70 to 162.70): BE091380.D (-1829) (-)

Ion 160.00 (159.70 to 160.70): BE091380.D (-1829) (-)

13.35

80000

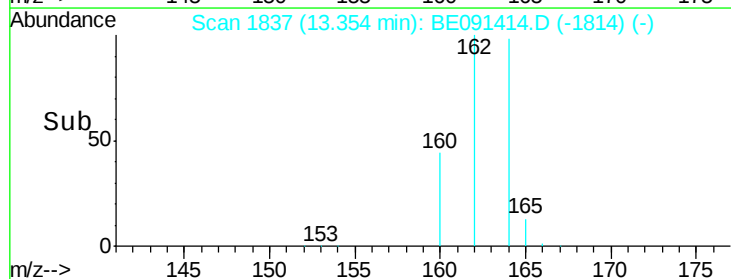
60000

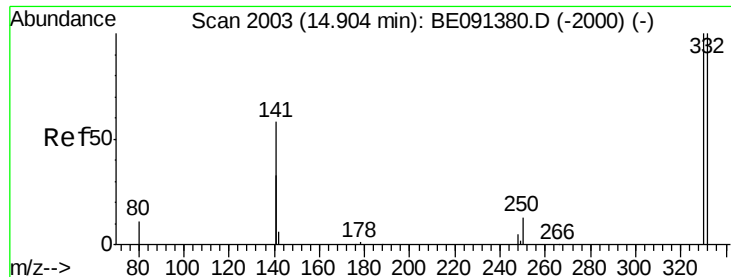
40000

20000

0

Time--> 13.20 13.40





#9

2,4,6-Tribromophenol

Concen: 5.30 ng

RT: 14.89 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BE091414.D

Acq: 19 Feb 2016 14:57

Instrument :

BNA_E

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PB88423BL

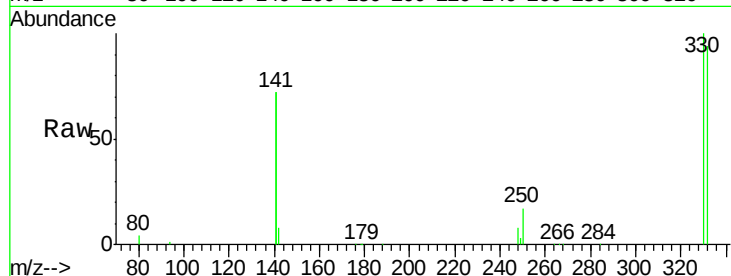
Tot Ion:330 Resp: 31322

Ion Ratio Lower Upper

330 100

332 96.7 78.8 118.2

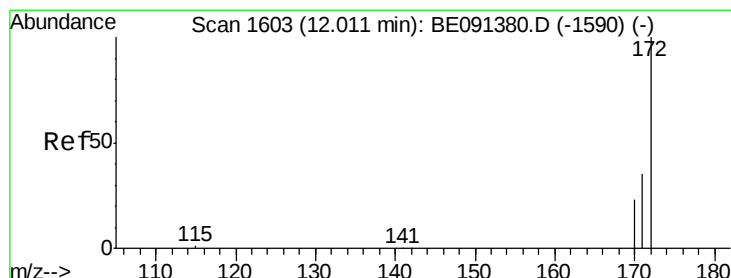
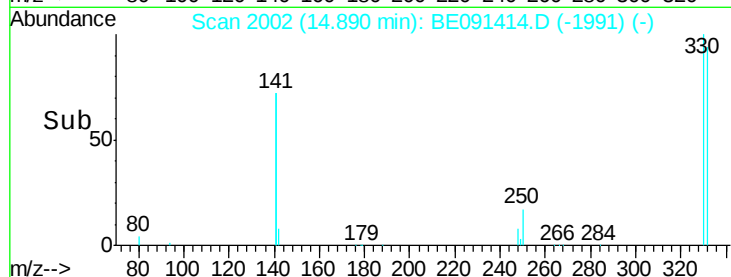
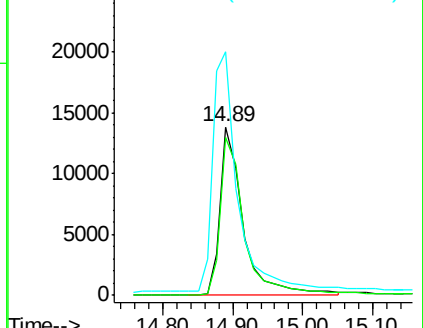
141 158.2 105.1 157.7#



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: 4.04 ng

RT: 12.00 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BE091414.D

Acq: 19 Feb 2016 14:57

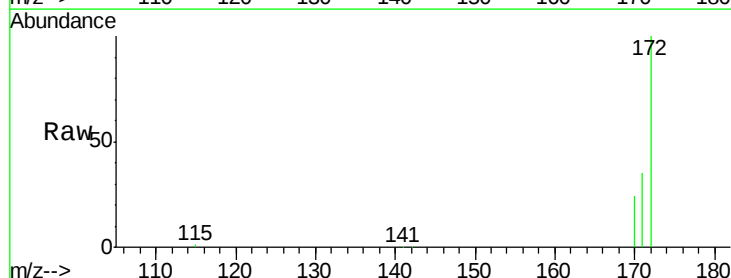
Tgt Ion:172 Resp: 129650

Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.8

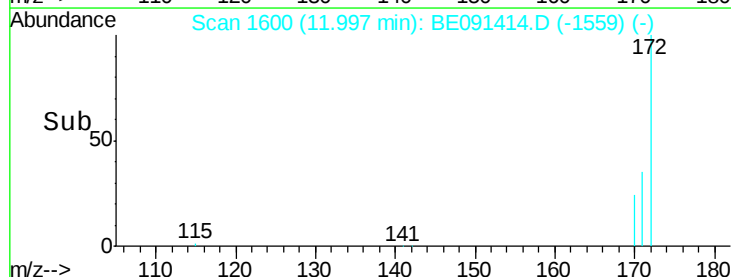
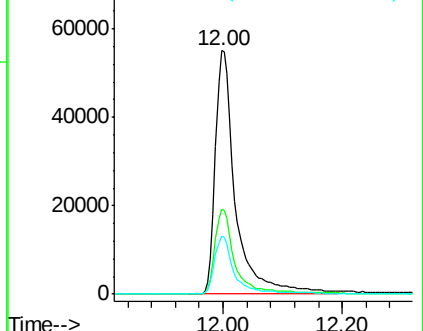
170 23.7 18.6 28.0

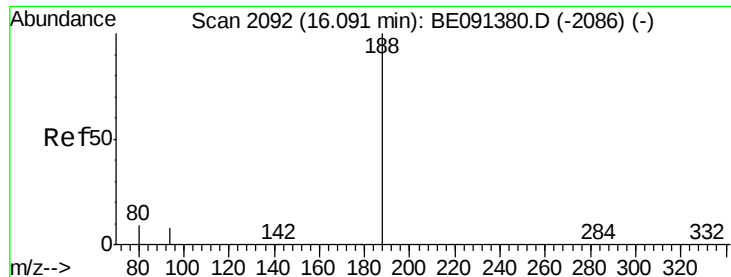


Abundance Ion 172.00 (171.70 to 172.70): E

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: 16.08 min Scan# 2091

Delta R.T. -0.01 min

Lab File: BE091414.D

Acq: 19 Feb 2016 14:57

Instrument :

BNA_E

ClientSampleId :

PB88423BL

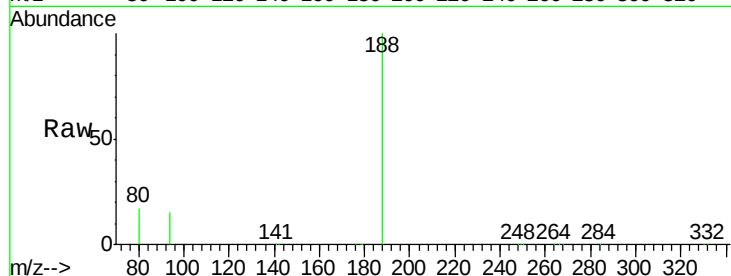
Tot Ion:188 Resp: 305922

Ion Ratio Lower Upper

188 100

94 15.1 6.6 10.0#

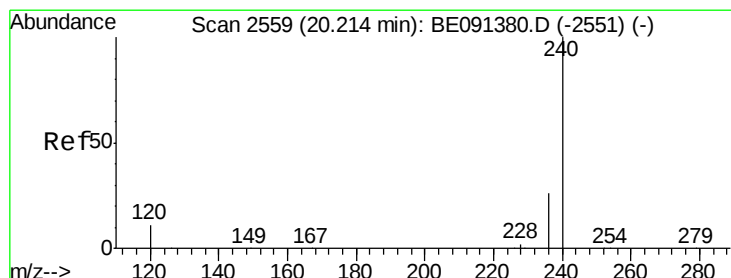
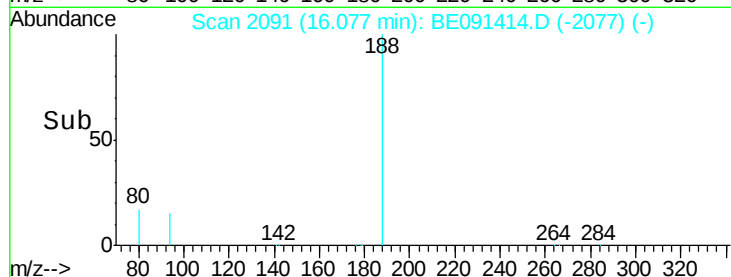
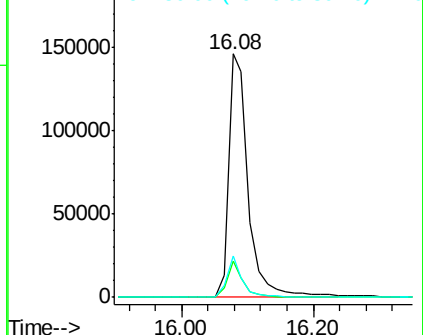
80 17.1 7.0 10.6#



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# 2559

Delta R.T. 0.00 min

Lab File: BE091414.D

Acq: 19 Feb 2016 14:57

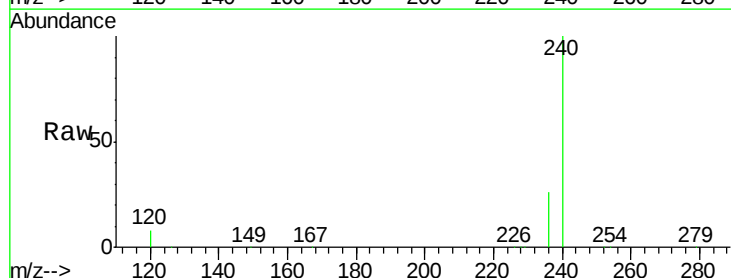
Tgt Ion:240 Resp: 352256

Ion Ratio Lower Upper

240 100

120 8.4 8.9 13.3#

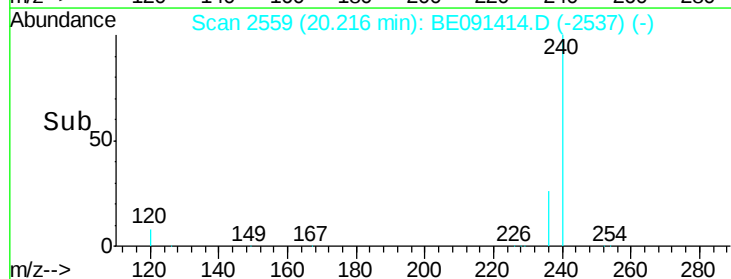
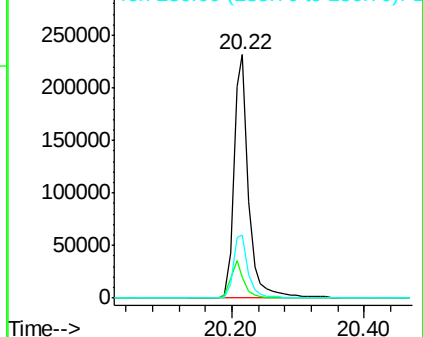
236 25.9 21.0 31.4

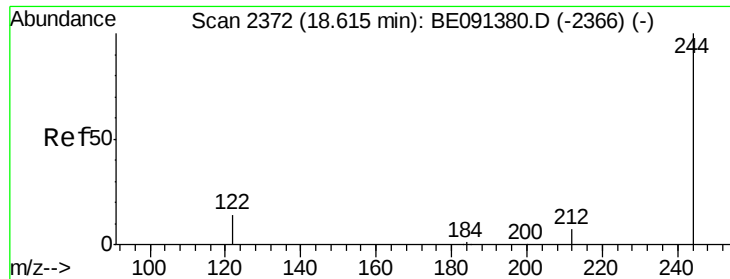


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

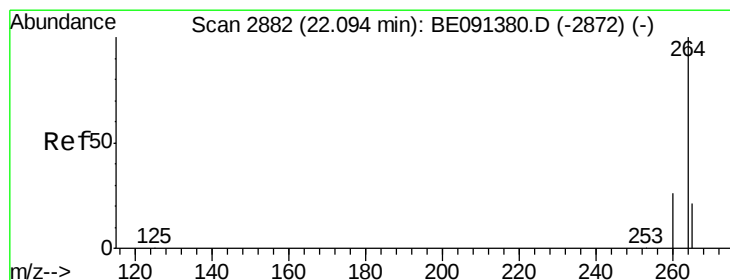
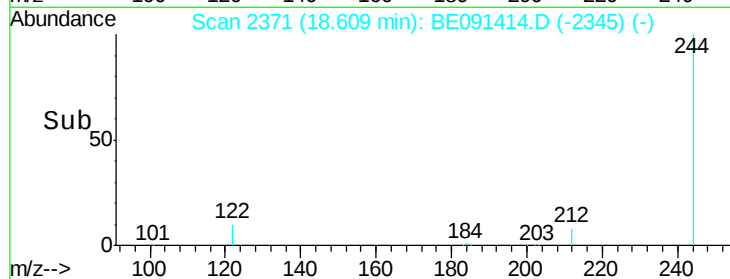
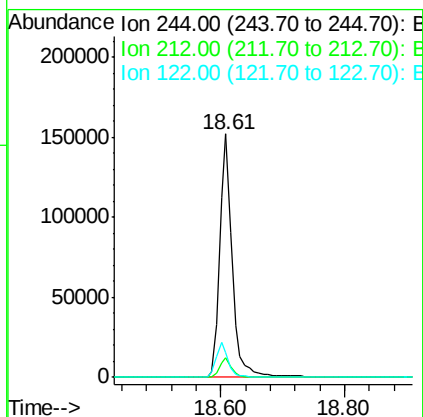
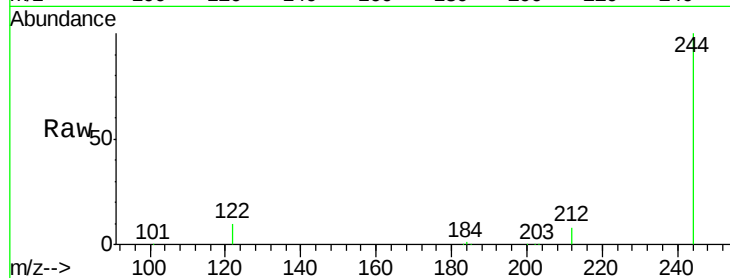




#20
 Terphenyl-d14
 Concen: 4.08 ng
 RT: 18.61 min Scan# 2371
 Delta R.T. -0.01 min
 Lab File: BE091414.D
 Acq: 19 Feb 2016 14:57

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Tot Ion:244 Resp: 212437
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 10.0 11.0 16.6#



#24
 Perylene-d12
 Concen: 5.00 ng
 RT: 22.09 min Scan# 2882
 Delta R.T. -0.00 min
 Lab File: BE091414.D
 Acq: 19 Feb 2016 14:57

Tgt Ion:264 Resp: 366920
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.7 31.1
 265 22.1 17.2 25.8

