

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021916\
 Data File : BE091420.D
 Acq On : 19 Feb 2016 18:53
 Operator : UM/IZ
 Sample : H1519-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-160217

Quant Time: Feb 19 23:18:15 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	37654	5.00	ng	0.00
4) Naphthalene-d8	9.54	136	178311	5.00	ng	0.00
8) Acenaphthene-d10	13.35	164	117949	5.00	ng	0.00
14) Phenanthrene-d10	16.08	188	298372	5.00	ng	-0.01
18) Chrysene-d12	20.21	240	349878	5.00	ng	0.00
24) Perylene-d12	22.09	264	356287	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 2-Fluorophenol	4.91	112	24726	2.91	ng	-0.04
3) Phenol-d6	6.56	99	17670	1.57	ng	-0.01
5) Nitrobenzene-d5	8.15	82	52520	4.48	ng	-0.01
9) 2,4,6-Tribromophenol	14.89	330	41278	7.19	ng	-0.01
10) 2-Fluorobiphenyl	11.99	172	139254	4.54	ng	-0.02
20) Terphenyl-d14	18.61	244	251501	4.86	ng	0.00

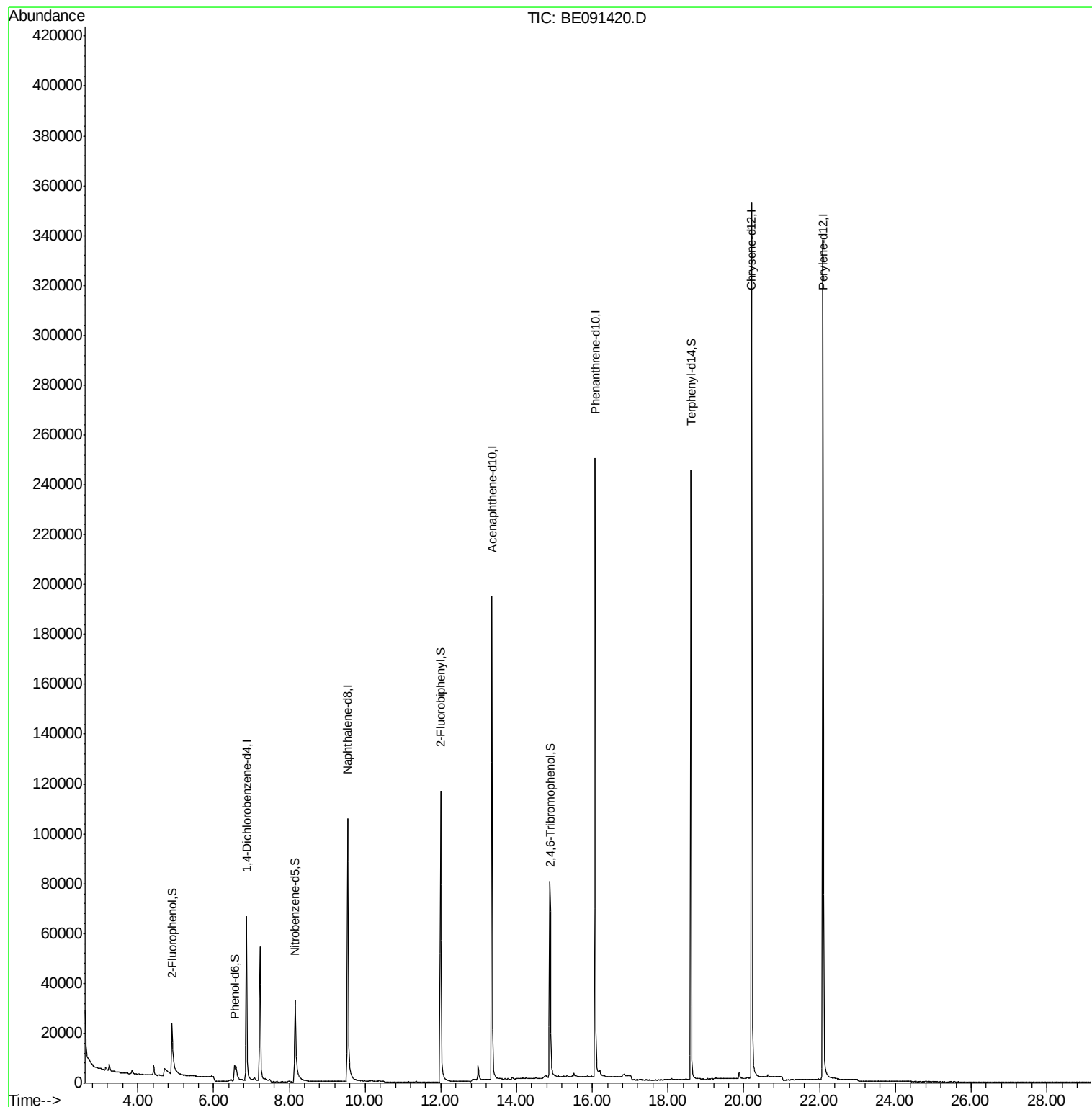
Target Compounds	Qvalue
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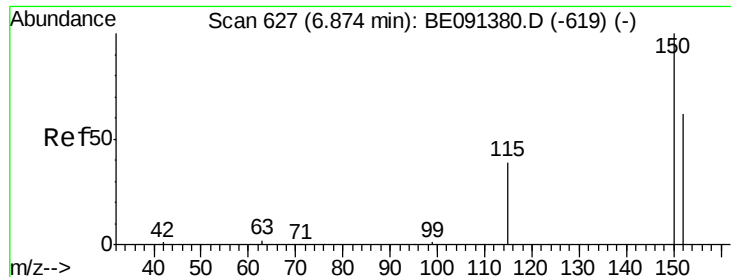
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.87 min Scan# 626

Delta R.T. -0.01 min

Lab File: BE091420.D

Acq: 19 Feb 2016 18:53

Instrument :

BNA_E

ClientSampleId :

KY038PS027-160217

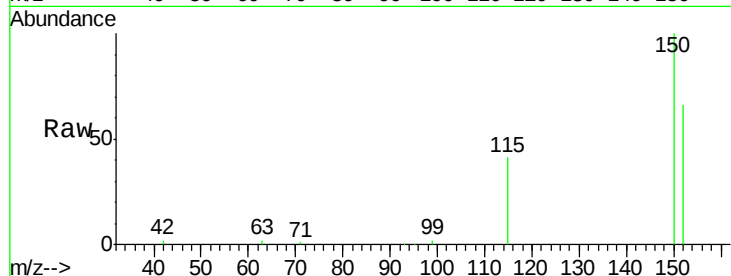
Tot Ion:152 Resp: 37654

Ion Ratio Lower Upper

152 100

150 152.0 128.9 193.3

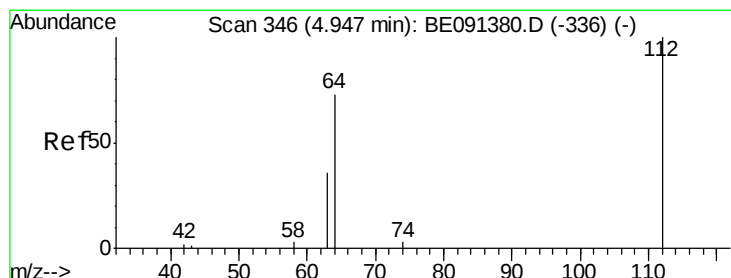
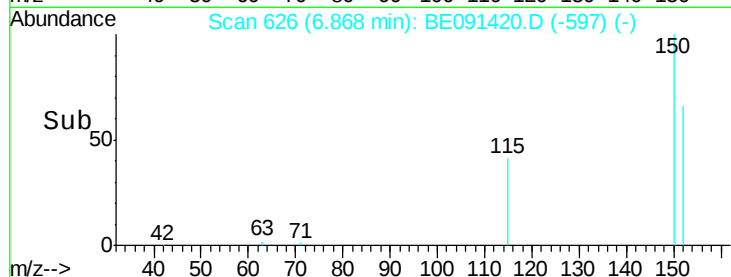
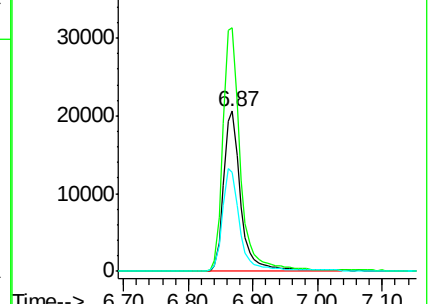
115 62.0 50.9 76.3



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



#2

2-Fluorophenol

Concen: 2.91 ng

RT: 4.91 min Scan# 340

Delta R.T. -0.04 min

Lab File: BE091420.D

Acq: 19 Feb 2016 18:53

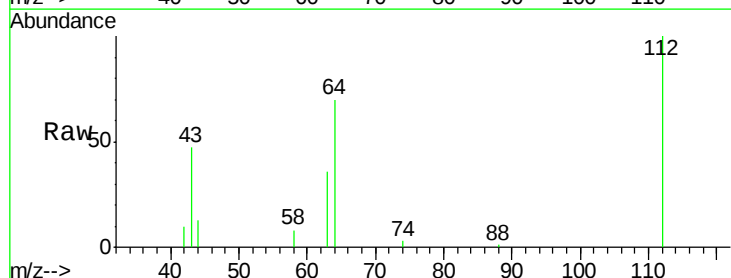
Tgt Ion:112 Resp: 24726

Ion Ratio Lower Upper

112 100

64 73.7 60.5 90.7

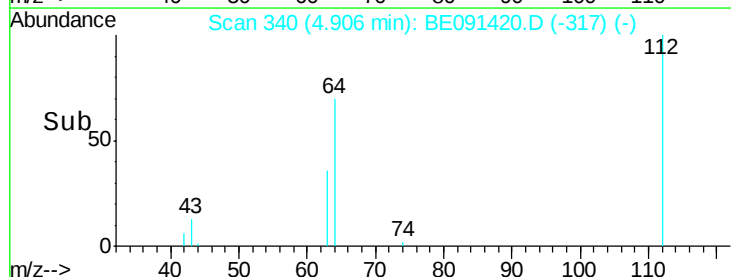
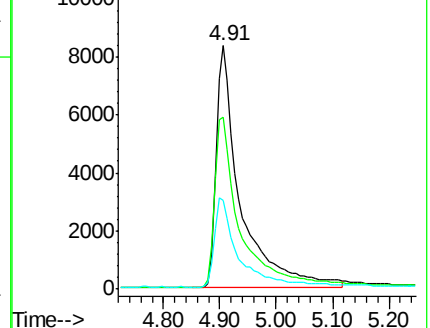
63 37.1 29.8 44.8

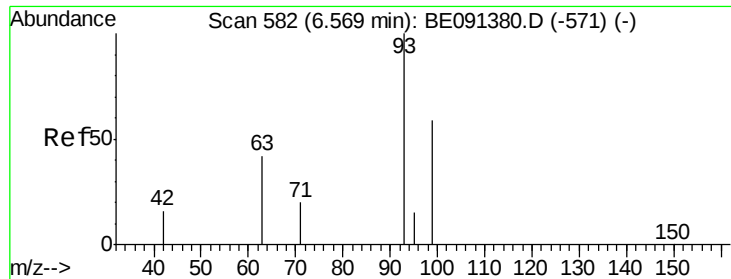


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#3

Phenol-d6

Concen: 1.57 ng

RT: 6.56 min Scan# 580

Delta R.T. -0.01 min

Lab File: BE091420.D

Acq: 19 Feb 2016 18:53

Instrument :

BNA_E

ClientSampleId :

KY038PS027-160217

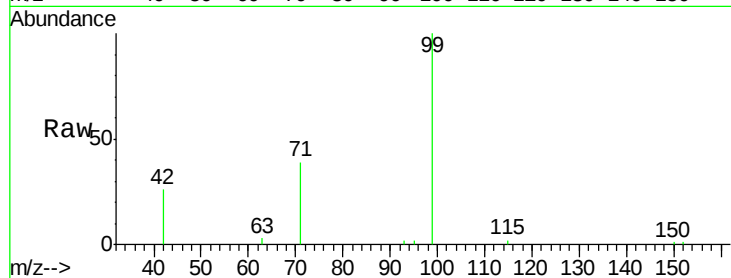
Tot Ion: 99 Resp: 17670

Ion Ratio Lower Upper

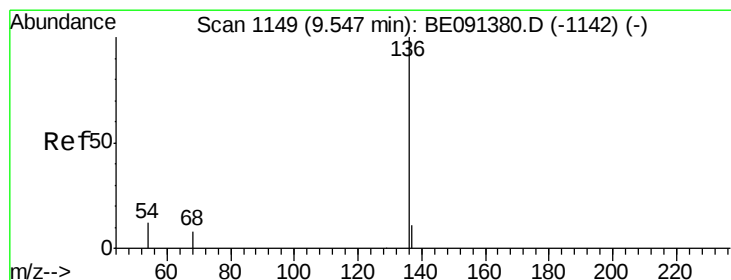
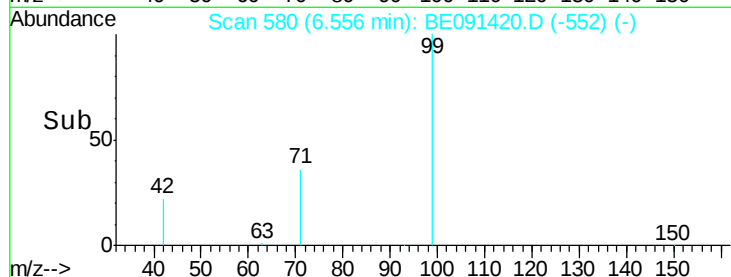
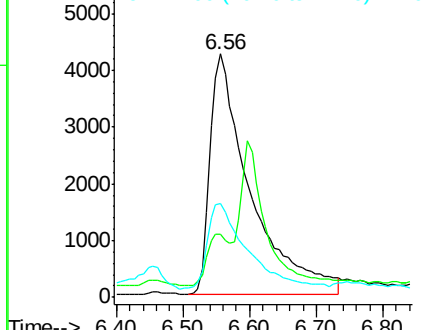
99 100

42 11.5 13.3 19.9#

71 34.5 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: 9.54 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE091420.D

Acq: 19 Feb 2016 18:53

Tgt Ion: 136 Resp: 178311

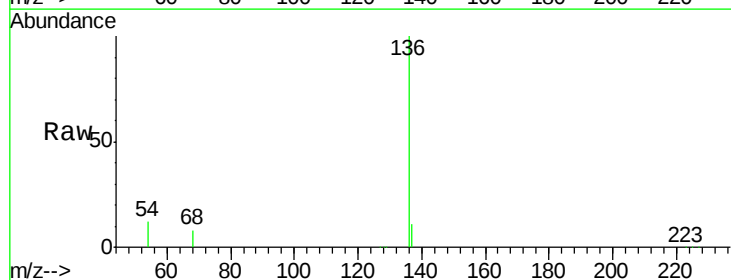
Ion Ratio Lower Upper

136 100

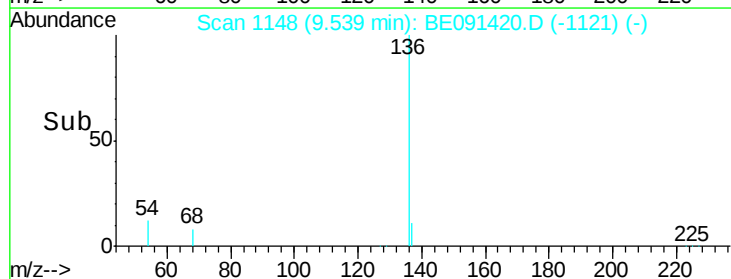
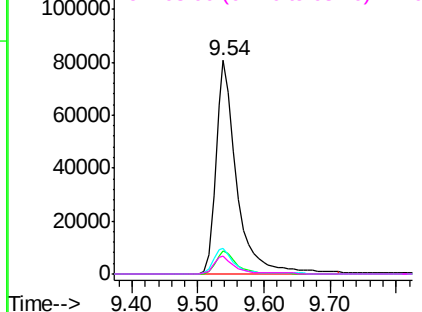
137 10.9 8.7 13.1

54 12.0 9.3 13.9

68 8.3 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: 4.48 ng

RT: 8.15 min Scan# 859

Delta R.T. -0.01 min

Lab File: BE091420.D

Acq: 19 Feb 2016 18:53

Instrument :

BNA_E

ClientSampleId :

KY038PS027-160217

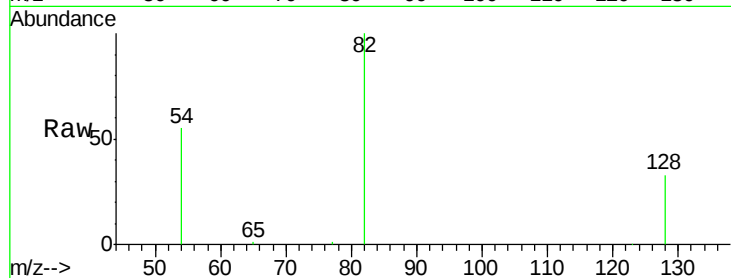
Tot Ion: 82 Resp: 52520

Ion Ratio Lower Upper

82 100

128 33.0 25.0 37.4

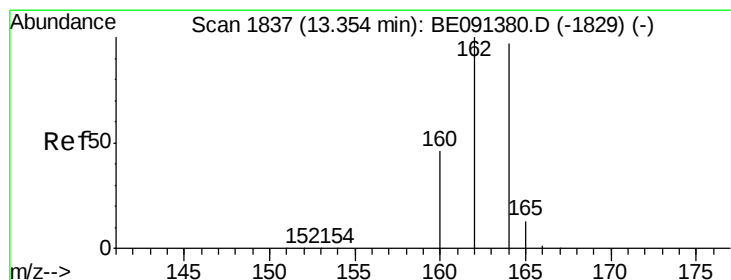
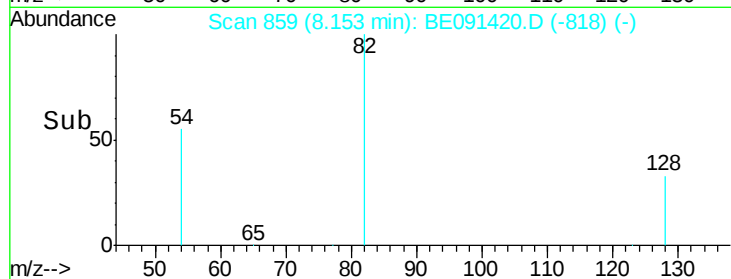
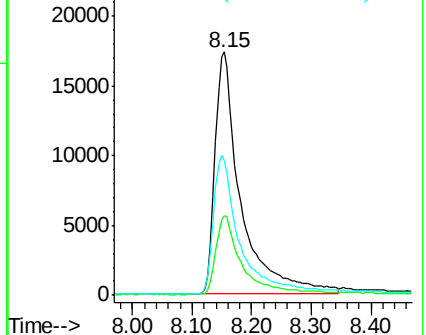
54 55.1 48.1 72.1



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

Acenaphthene-d10

Concen: 5.00 ng

RT: 13.35 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BE091420.D

Acq: 19 Feb 2016 18:53

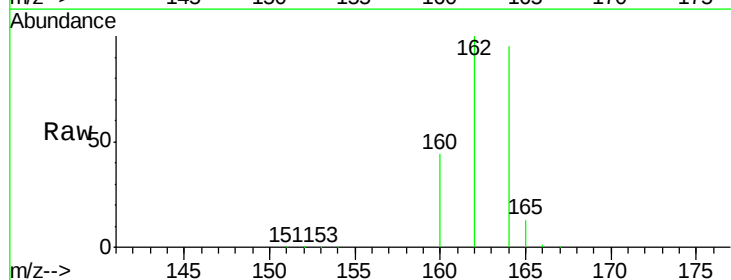
Tgt Ion: 164 Resp: 117949

Ion Ratio Lower Upper

164 100

162 105.3 82.2 123.2

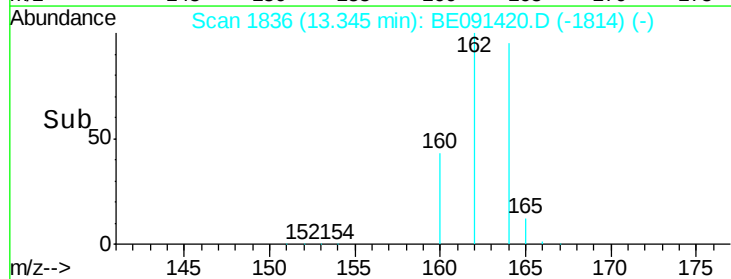
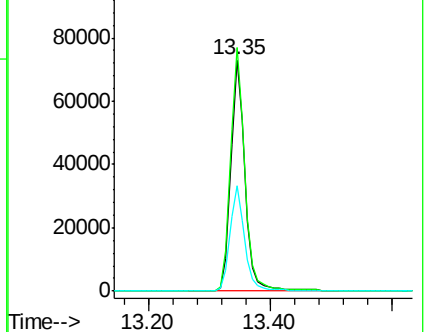
160 45.8 37.8 56.8

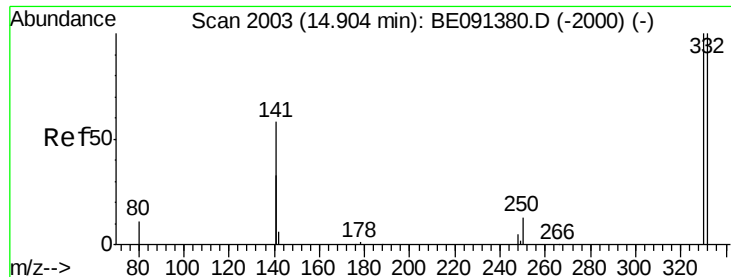


Abundance Ion 164.00 (163.70 to 164.70): BE091380.D (-1829) (-)

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

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





#9

2,4,6-Tribromophenol

Concen: 7.19 ng

RT: 14.89 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BE091420.D

Acq: 19 Feb 2016 18:53

Instrument :

BNA_E

ClientSampleId :

KY038PS027-160217

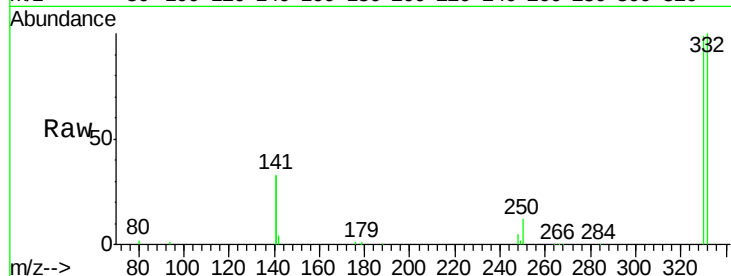
Tot Ion:330 Resp: 41278

Ion Ratio Lower Upper

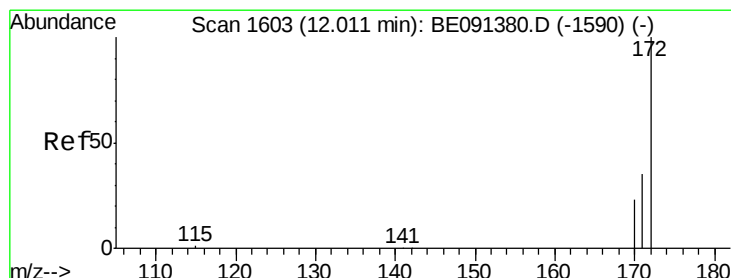
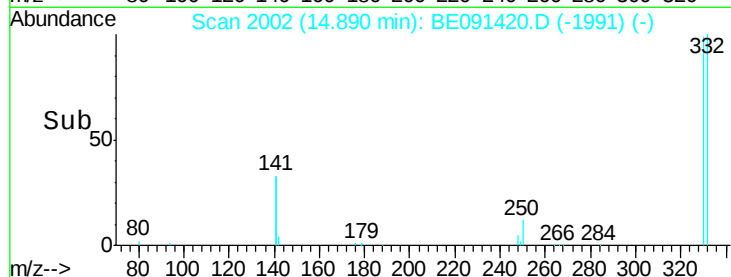
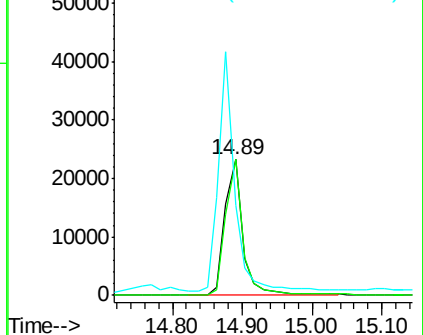
330 100

332 96.8 78.8 118.2

141 158.9 105.1 157.7#



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: 4.54 ng

RT: 11.99 min Scan# 1599

Delta R.T. -0.02 min

Lab File: BE091420.D

Acq: 19 Feb 2016 18:53

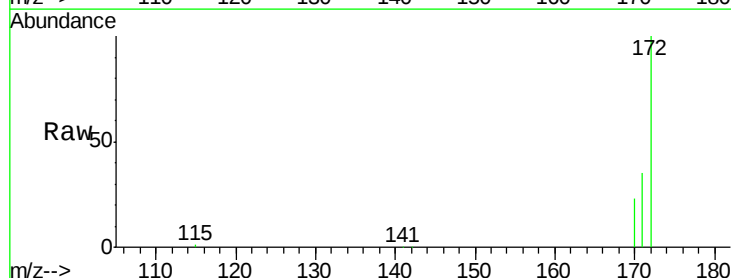
Tgt Ion:172 Resp: 139254

Ion Ratio Lower Upper

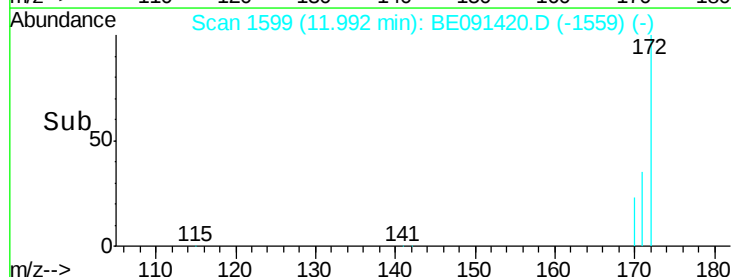
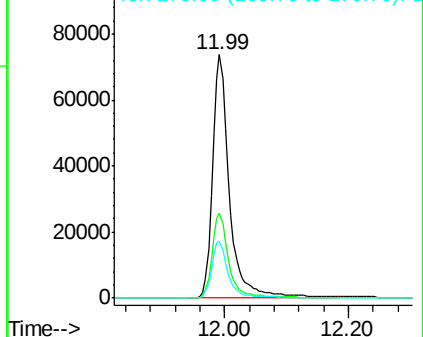
172 100

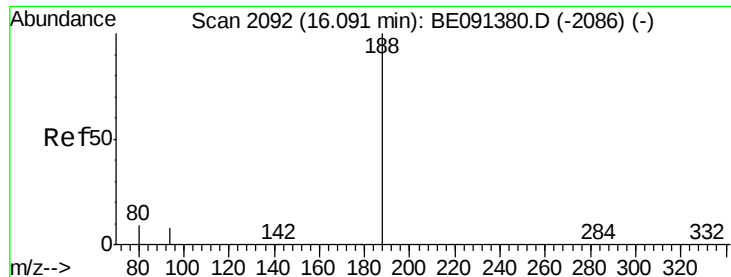
171 34.8 27.8 41.8

170 23.2 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: BE091420.D

Acq: 19 Feb 2016 18:53

Instrument :

BNA_E

ClientSampleId :

KY038PS027-160217

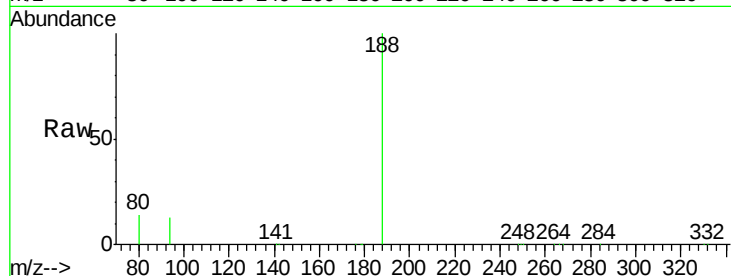
Tot Ion:188 Resp: 298372

Ion Ratio Lower Upper

188 100

94 13.0 6.6 10.0#

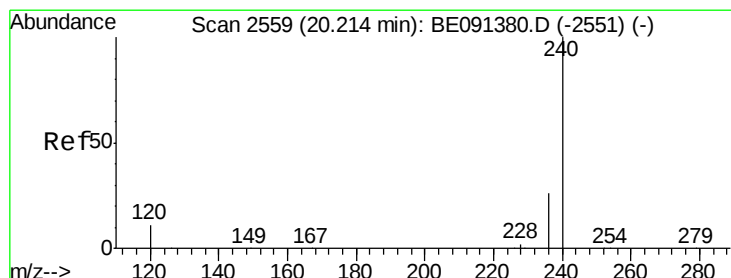
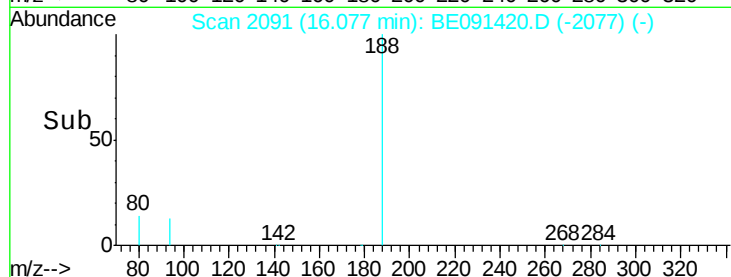
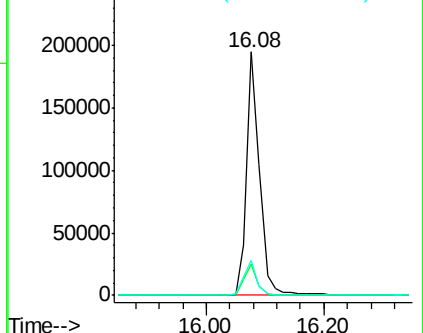
80 14.4 7.0 10.6#



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: 20.21 min Scan# 2559

Delta R.T. -0.01 min

Lab File: BE091420.D

Acq: 19 Feb 2016 18:53

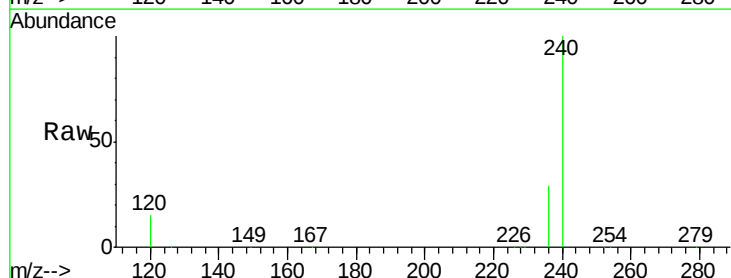
Tgt Ion:240 Resp: 349878

Ion Ratio Lower Upper

240 100

120 15.3 8.9 13.3#

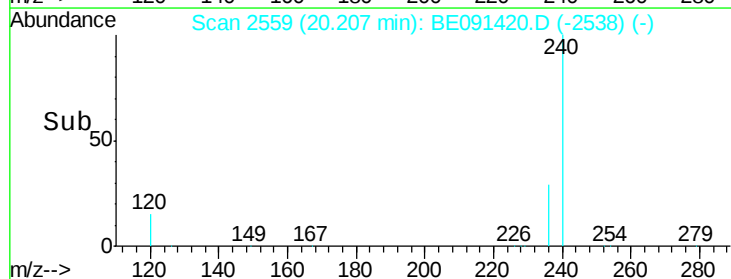
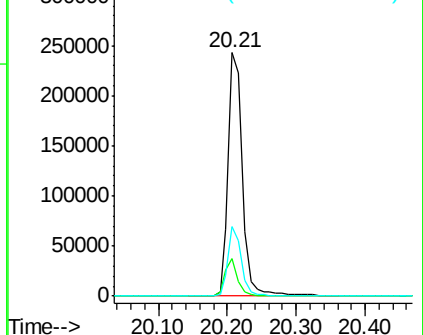
236 28.6 21.0 31.4

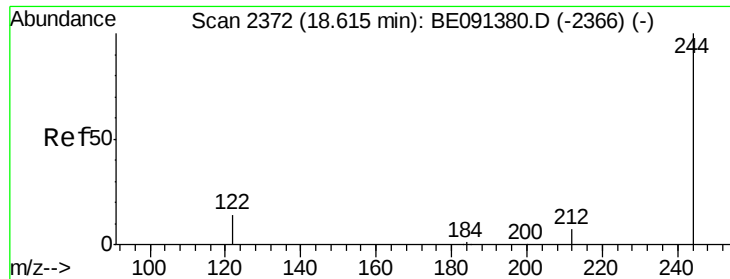


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#20

Terphenyl-d14

Concen: 4.86 ng

RT: 18.61 min Scan# 2371

Delta R.T. -0.01 min

Lab File: BE091420.D

Acq: 19 Feb 2016 18:53

Instrument :

BNA_E

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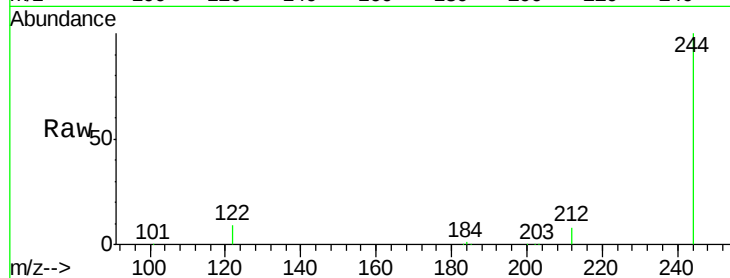
Tot Ion:244 Resp: 251501

Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

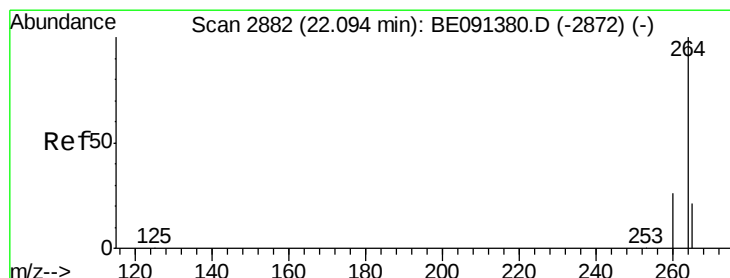
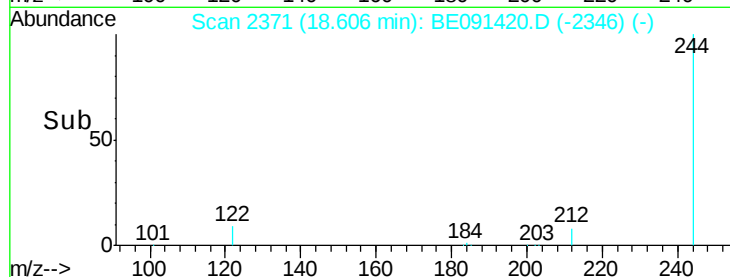
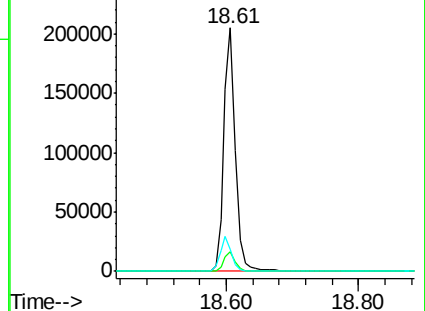
122 9.1 11.0 16.6#



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



#24

Perylene-d12

Concen: 5.00 ng

RT: 22.09 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BE091420.D

Acq: 19 Feb 2016 18:53

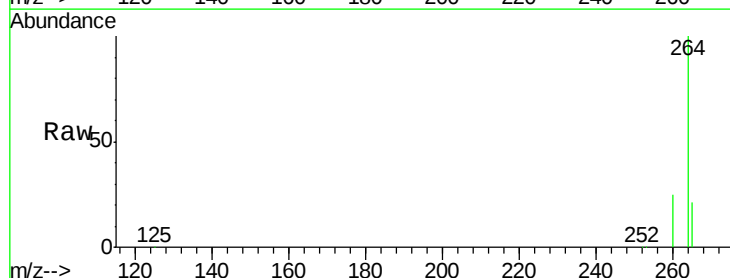
Tgt Ion:264 Resp: 356287

Ion Ratio Lower Upper

264 100

260 25.1 20.7 31.1

265 21.4 17.2 25.8



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

