

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021916\
 Data File : BE091419.D
 Acq On : 19 Feb 2016 18:17
 Operator : UM/IZ
 Sample : H1519-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS038-160217

Quant Time: Feb 19 23:15:46 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	36691	5.00	ng	0.00
4) Naphthalene-d8	9.54	136	178500	5.00	ng	0.00
8) Acenaphthene-d10	13.36	164	121482	5.00	ng	0.00
14) Phenanthrene-d10	16.08	188	301790	5.00	ng	-0.01
18) Chrysene-d12	20.22	240	336073	5.00	ng	0.00
24) Perylene-d12	22.09	264	344047	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.91	112	16409	2.05	ng	-0.03
3) Phenol-d6	6.57	99	12555	1.20	ng	0.00
5) Nitrobenzene-d5	8.16	82	40372	3.50	ng	0.00
9) 2,4,6-Tribromophenol	14.89	330	35167	6.00	ng	-0.01
10) 2-Fluorobiphenyl	12.00	172	123858	3.92	ng	-0.01
20) Terphenyl-d14	18.61	244	248104	4.99	ng	0.00

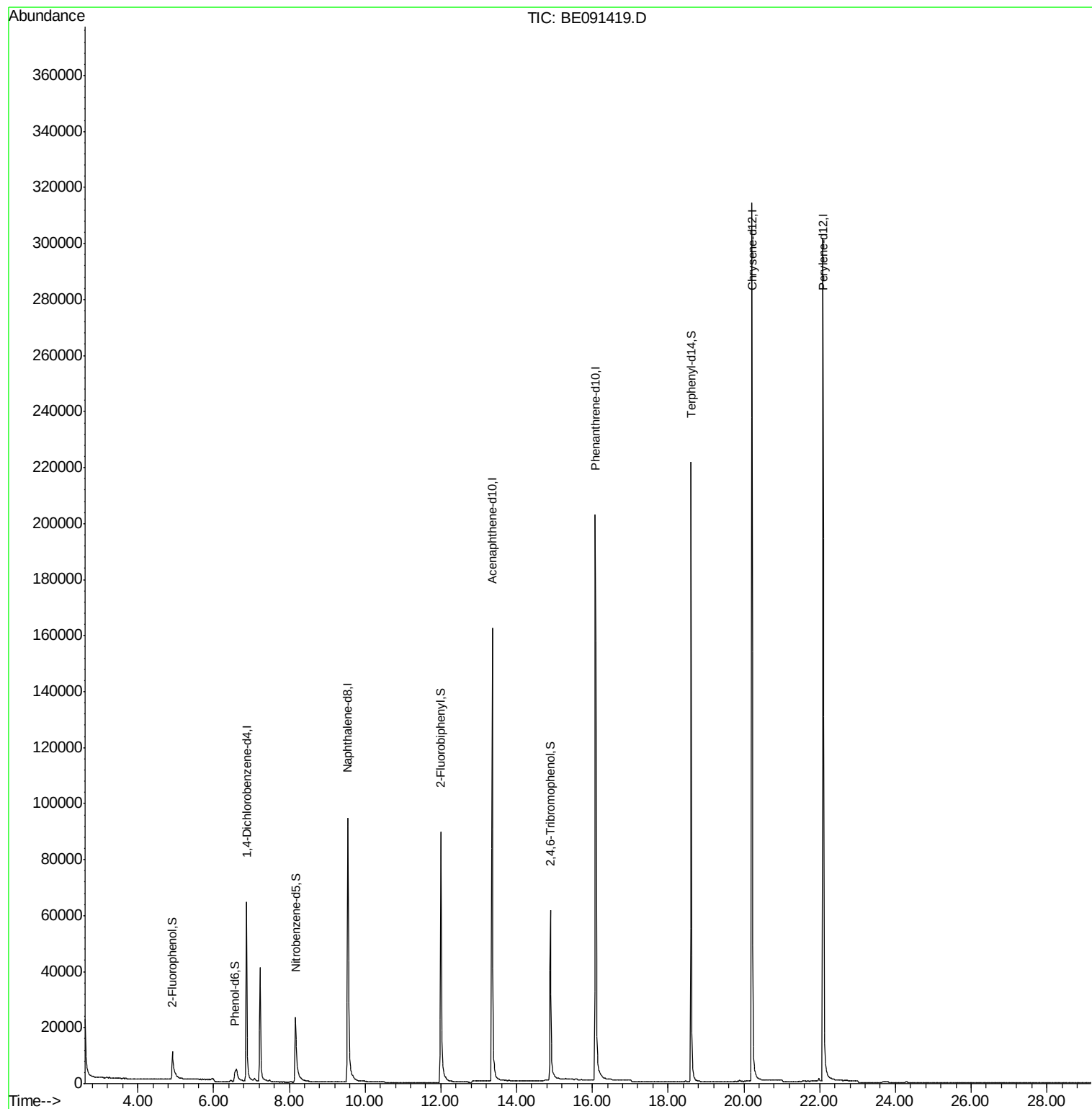
Target Compounds	Qvalue
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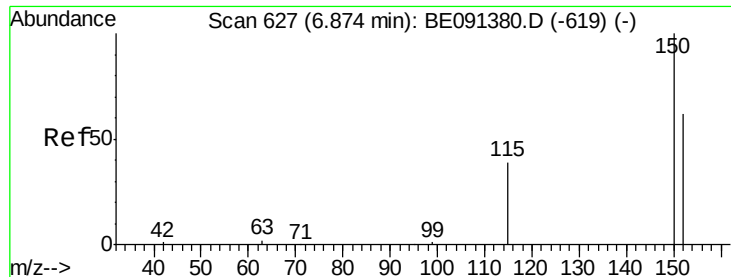
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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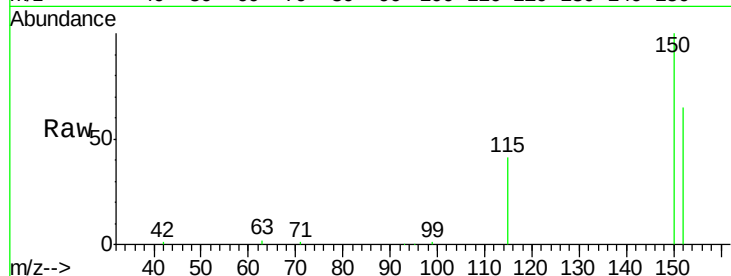


#1

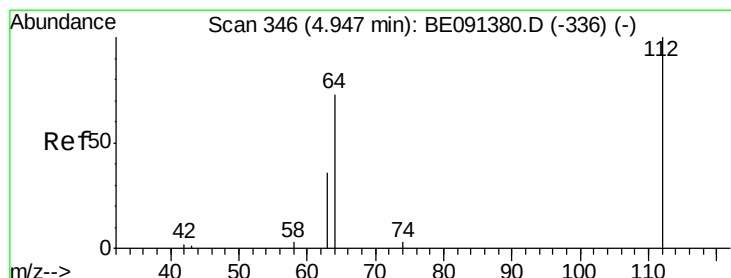
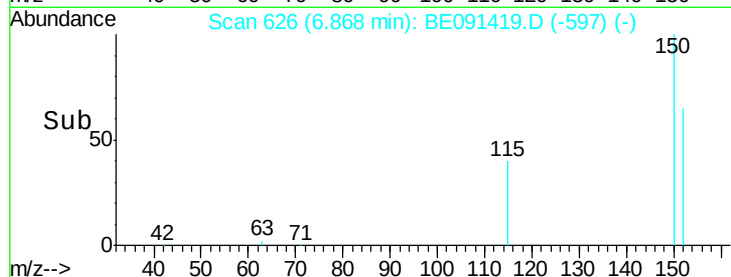
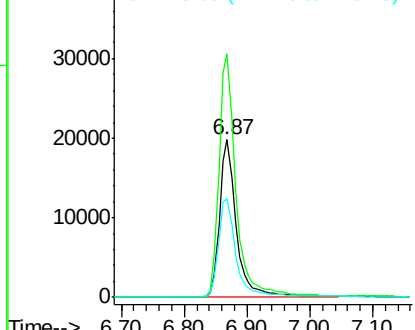
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.87 min Scan# 626
Delta R.T. -0.01 min
Lab File: BE091419.D
Acq: 19 Feb 2016 18:17

Instrument :
BNA_E
ClientSampleId :
KY038PS038-160217

Tot Ion:152 Resp: 36691
Ion Ratio Lower Upper
152 100
150 154.4 128.9 193.3
115 62.7 50.9 76.3



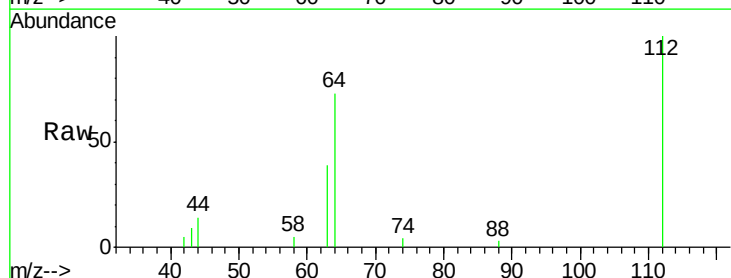
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



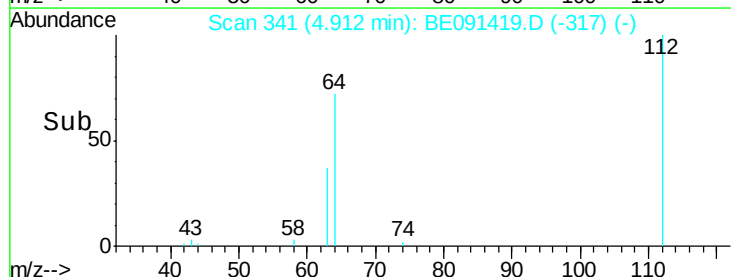
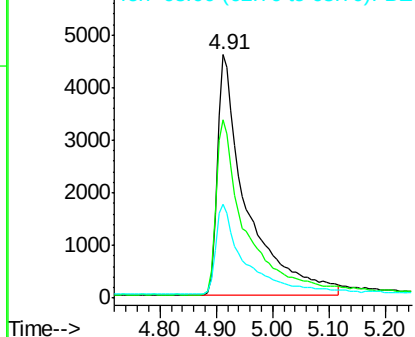
#2

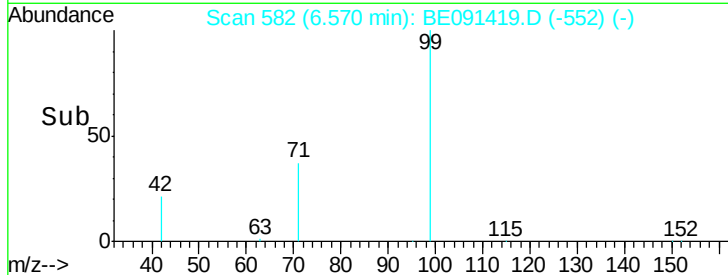
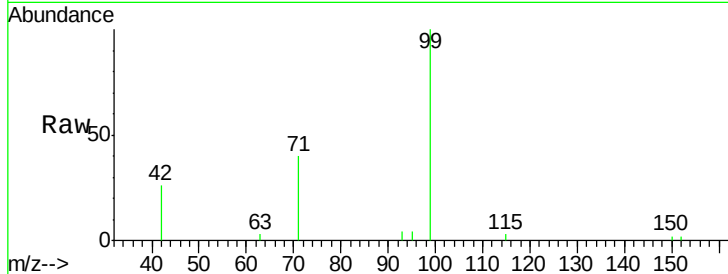
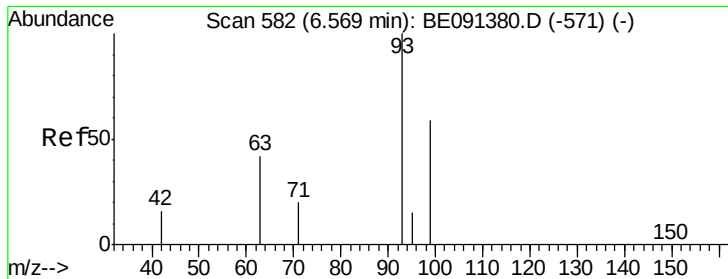
2-Fluorophenol
Concen: 2.05 ng
RT: 4.91 min Scan# 341
Delta R.T. -0.03 min
Lab File: BE091419.D
Acq: 19 Feb 2016 18:17

Tgt Ion:112 Resp: 16409
Ion Ratio Lower Upper
112 100
64 73.6 60.5 90.7
63 37.6 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





#3

Phenol-d6

Concen: 1.20 ng

RT: 6.57 min Scan# 582

Delta R.T. 0.00 min

Lab File: BE091419.D

Acq: 19 Feb 2016 18:17

Instrument :

BNA_E

ClientSampleId :

KY038PS038-160217

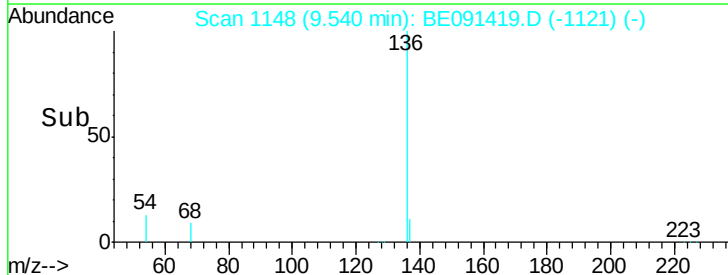
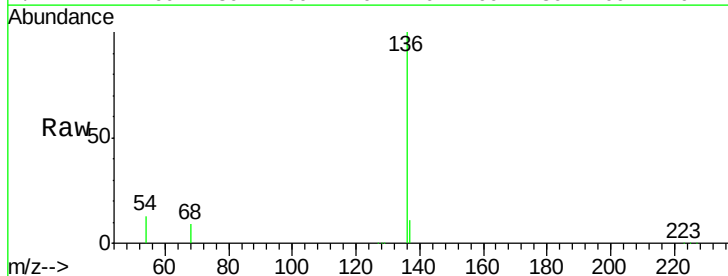
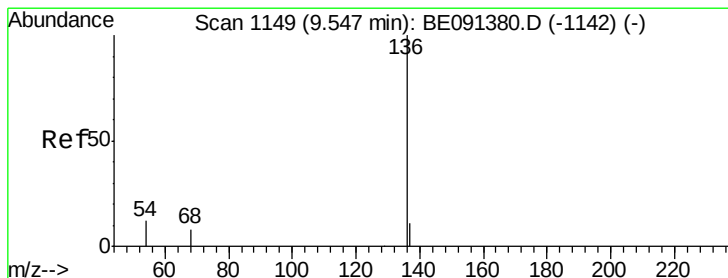
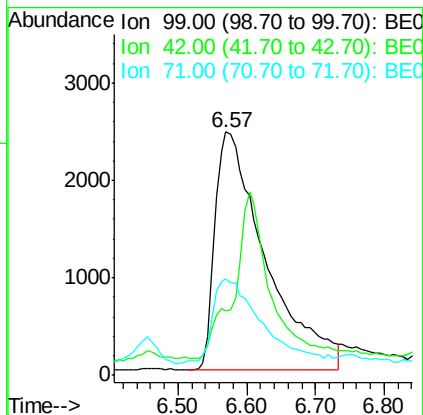
Tot Ion: 99 Resp: 12555

Ion Ratio Lower Upper

99 100

42 0.0 13.3 19.9#

71 34.1 25.6 38.4



#4

Naphthalene-d8

Concen: 5.00 ng

RT: 9.54 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE091419.D

Acq: 19 Feb 2016 18:17

Tgt Ion: 136 Resp: 178500

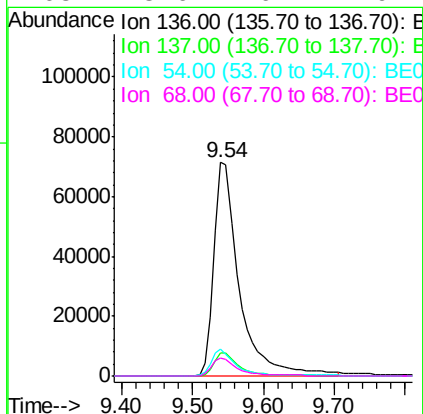
Ion Ratio Lower Upper

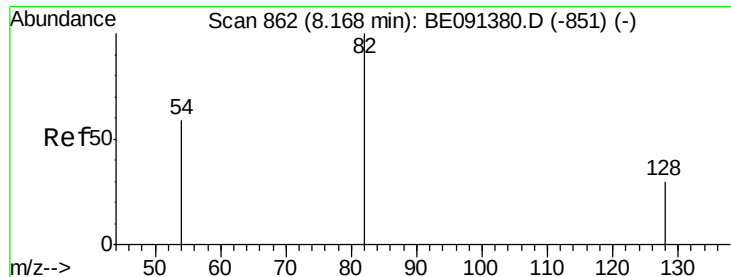
136 100

137 11.0 8.7 13.1

54 12.8 9.3 13.9

68 8.6 6.7 10.1





#5

Nitrobenzene-d5

Concen: 3.50 ng

RT: 8.16 min Scan# 860

Delta R.T. -0.01 min

Lab File: BE091419.D

Acq: 19 Feb 2016 18:17

Instrument :

BNA_E

ClientSampleId :

KY038PS038-160217

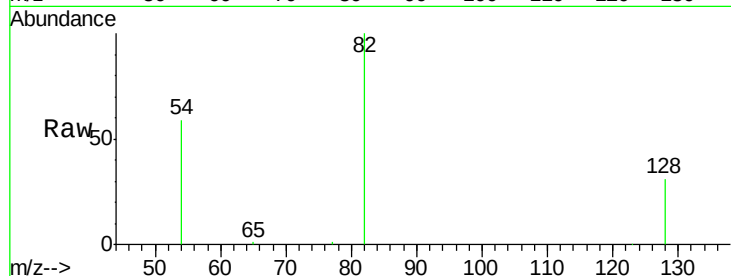
Tot Ion: 82 Resp: 40372

Ion Ratio Lower Upper

82 100

128 31.4 25.0 37.4

54 59.2 48.1 72.1

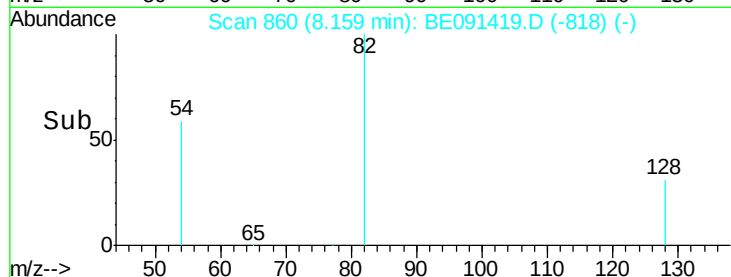


Abundance Ion 82.00 (81.70 to 82.70): BE091380.D (-851) (-)

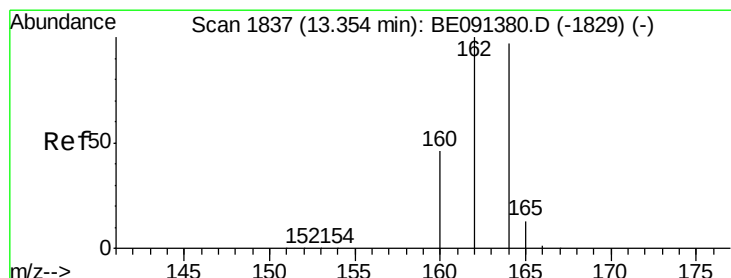
Ion 128.00 (127.70 to 128.70): BE091380.D (-851) (-)

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

Time-->



Time-->



#8

Acenaphthene-d10

Concen: 5.00 ng

RT: 13.36 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BE091419.D

Acq: 19 Feb 2016 18:17

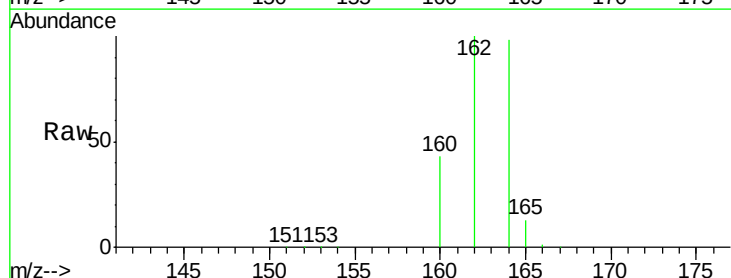
Tgt Ion: 164 Resp: 121482

Ion Ratio Lower Upper

164 100

162 102.2 82.2 123.2

160 43.7 37.8 56.8

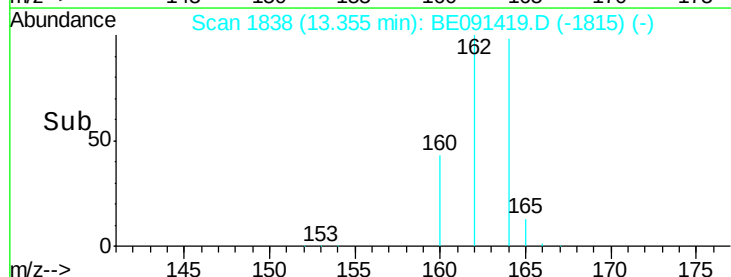


Abundance Ion 164.00 (163.70 to 164.70): BE091380.D (-1829) (-)

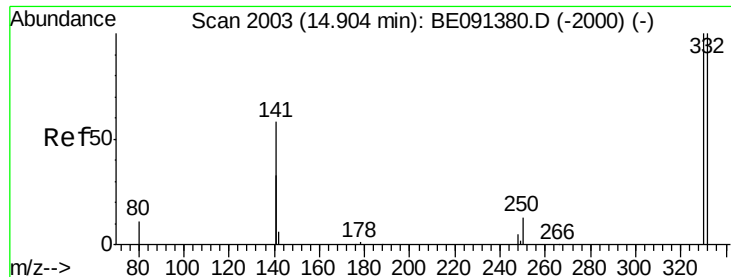
Ion 162.00 (161.70 to 162.70): BE091380.D (-1829) (-)

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

Time-->



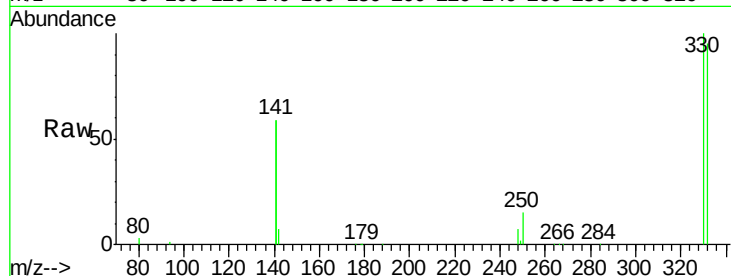
Time-->



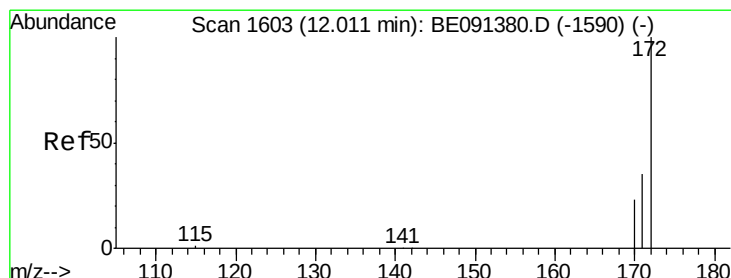
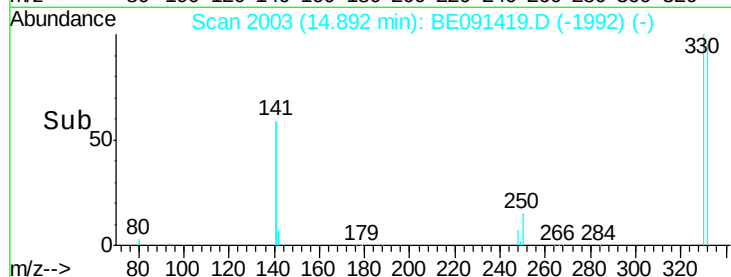
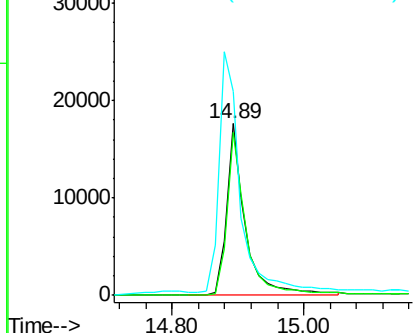
#9
 2,4,6-Tribromophenol
 Concen: 6.00 ng
 RT: 14.89 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BE091419.D
 Acq: 19 Feb 2016 18:17

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS038-160217

Tot Ion:330 Resp: 35167
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.8 118.2
 141 157.4 105.1 157.7

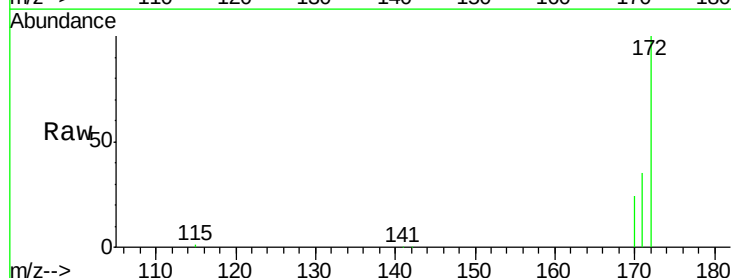


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

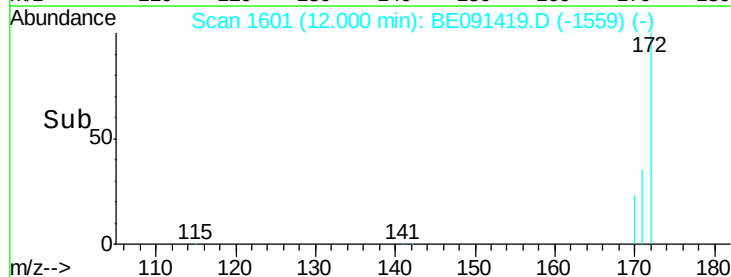
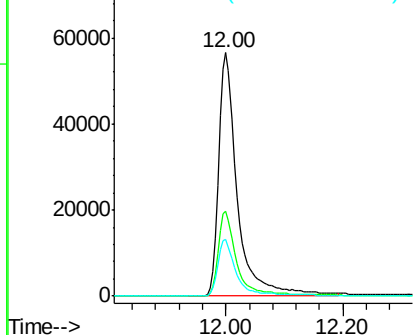


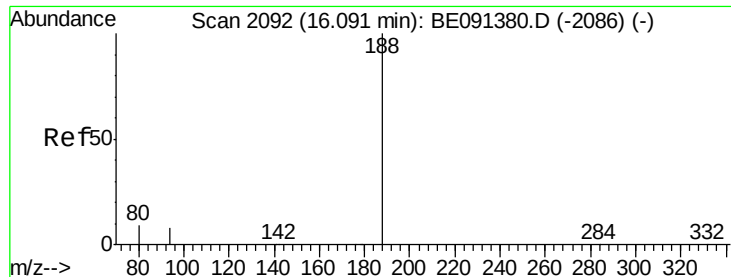
#10
 2-Fluorobiphenyl
 Concen: 3.92 ng
 RT: 12.00 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BE091419.D
 Acq: 19 Feb 2016 18:17

Tgt Ion:172 Resp: 123858
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.8 41.8
 170 23.5 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# 2092

Delta R.T. -0.01 min

Lab File: BE091419.D

Acq: 19 Feb 2016 18:17

Instrument :

BNA_E

ClientSampleId :

KY038PS038-160217

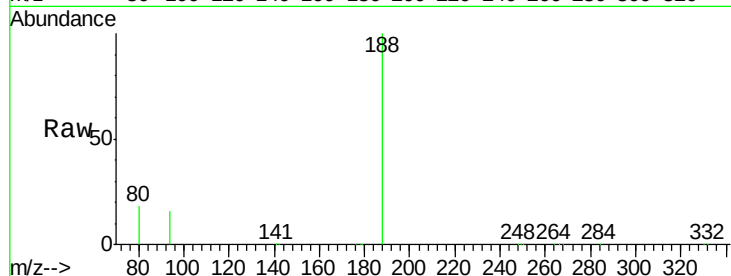
Tot Ion:188 Resp: 301790

Ion Ratio Lower Upper

188 100

94 15.7 6.6 10.0#

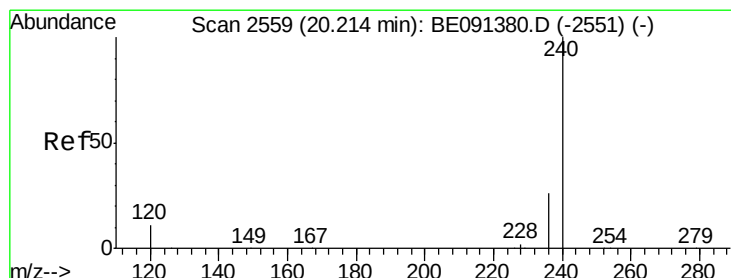
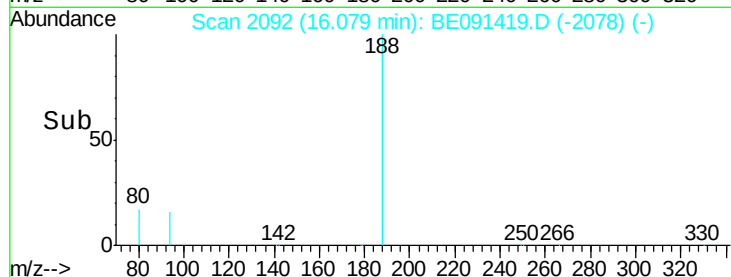
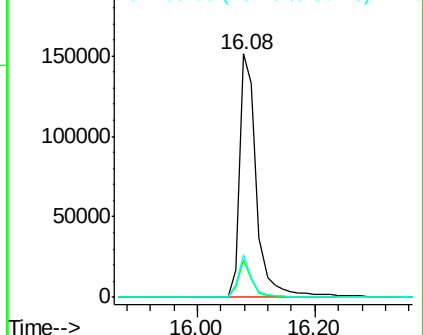
80 17.5 7.0 10.6#



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# 2560

Delta R.T. 0.00 min

Lab File: BE091419.D

Acq: 19 Feb 2016 18:17

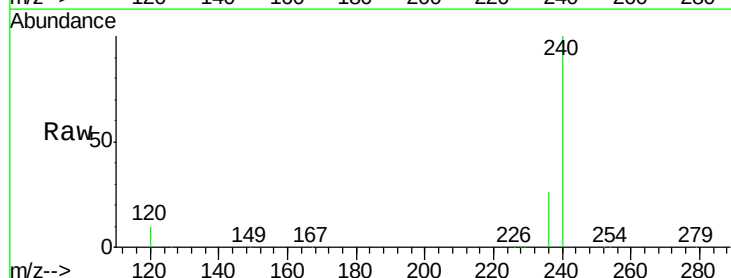
Tgt Ion:240 Resp: 336073

Ion Ratio Lower Upper

240 100

120 10.2 8.9 13.3

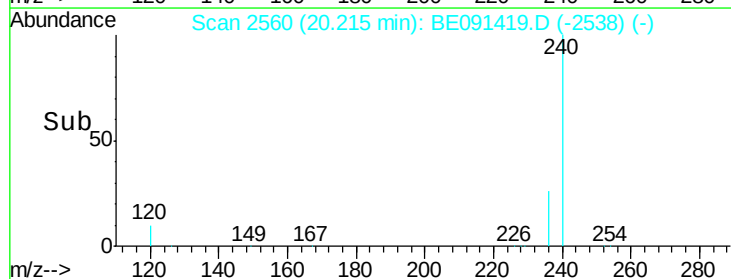
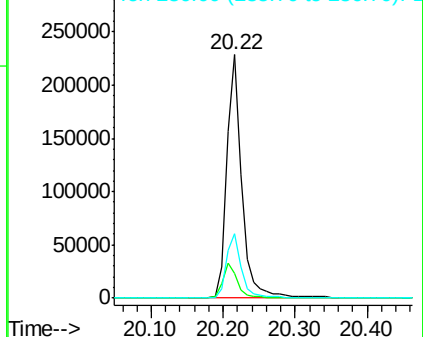
236 26.4 21.0 31.4

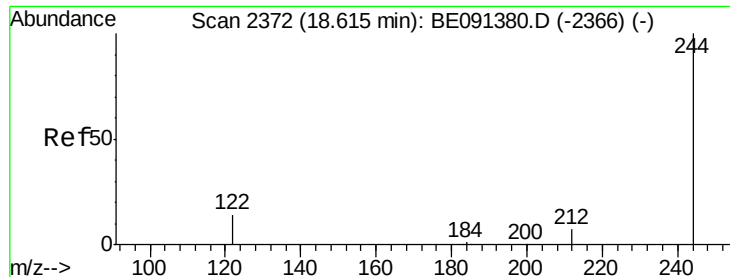


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#20

Terphenyl-d14

Concen: 4.99 ng

RT: 18.61 min Scan# 2372

Delta R.T. -0.01 min

Lab File: BE091419.D

Acq: 19 Feb 2016 18:17

Instrument :

BNA_E

ClientSampleId :

KY038PS038-160217

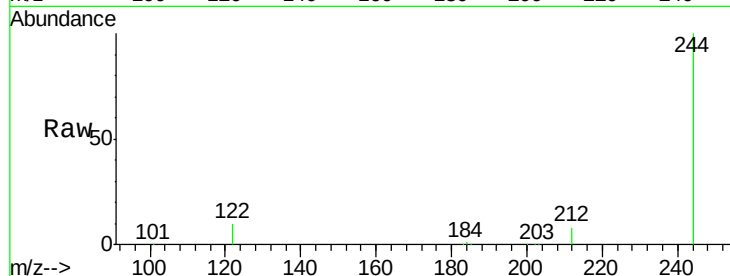
Tot Ion:244 Resp: 248104

Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

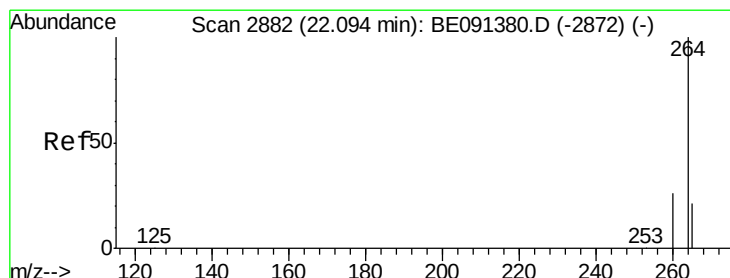
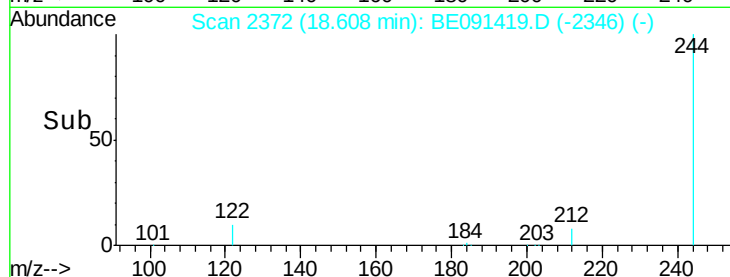
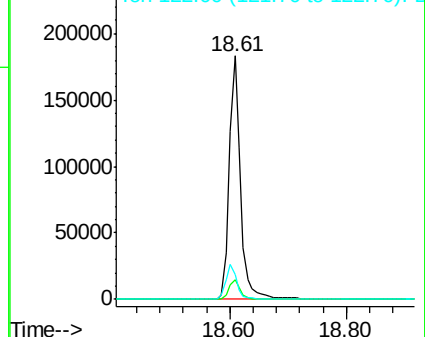
122 10.4 11.0 16.6#



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# 2883

Delta R.T. -0.00 min

Lab File: BE091419.D

Acq: 19 Feb 2016 18:17

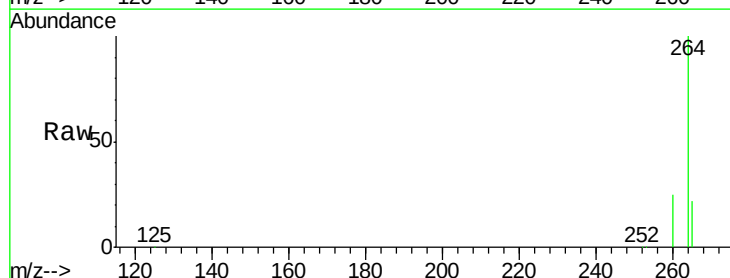
Tgt Ion:264 Resp: 344047

Ion Ratio Lower Upper

264 100

260 24.6 20.7 31.1

265 22.1 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

