

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021716\
 Data File : BE091405.D
 Acq On : 17 Feb 2016 15:40
 Operator : UM/IZ
 Sample : PB88398BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB88398BL

Quant Time: Feb 18 00:10:21 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	6.88	152	41688	5.00	ng	0.00
4) Naphthalene-d8	9.56	136	196686	5.00	ng	0.00
8) Acenaphthene-d10	13.36	164	131188	5.00	ng	0.00
14) Phenanthrene-d10	16.09	188	335025	5.00	ng	0.00
18) Chrysene-d12	20.22	240	339633	5.00	ng	0.00
24) Perylene-d12	22.10	264	300030	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.91	112	71185	7.21	ng	-0.04
3) Phenol-d6	6.54	99	97655	6.99	ng	-0.03
5) Nitrobenzene-d5	8.18	82	44681	3.52	ng	0.00
9) 2,4,6-Tribromophenol	14.91	330	29113	4.68	ng	0.00
10) 2-Fluorobiphenyl	12.01	172	149812	4.39	ng	0.00
20) Terphenyl-d14	18.62	244	241282	4.80	ng	0.00

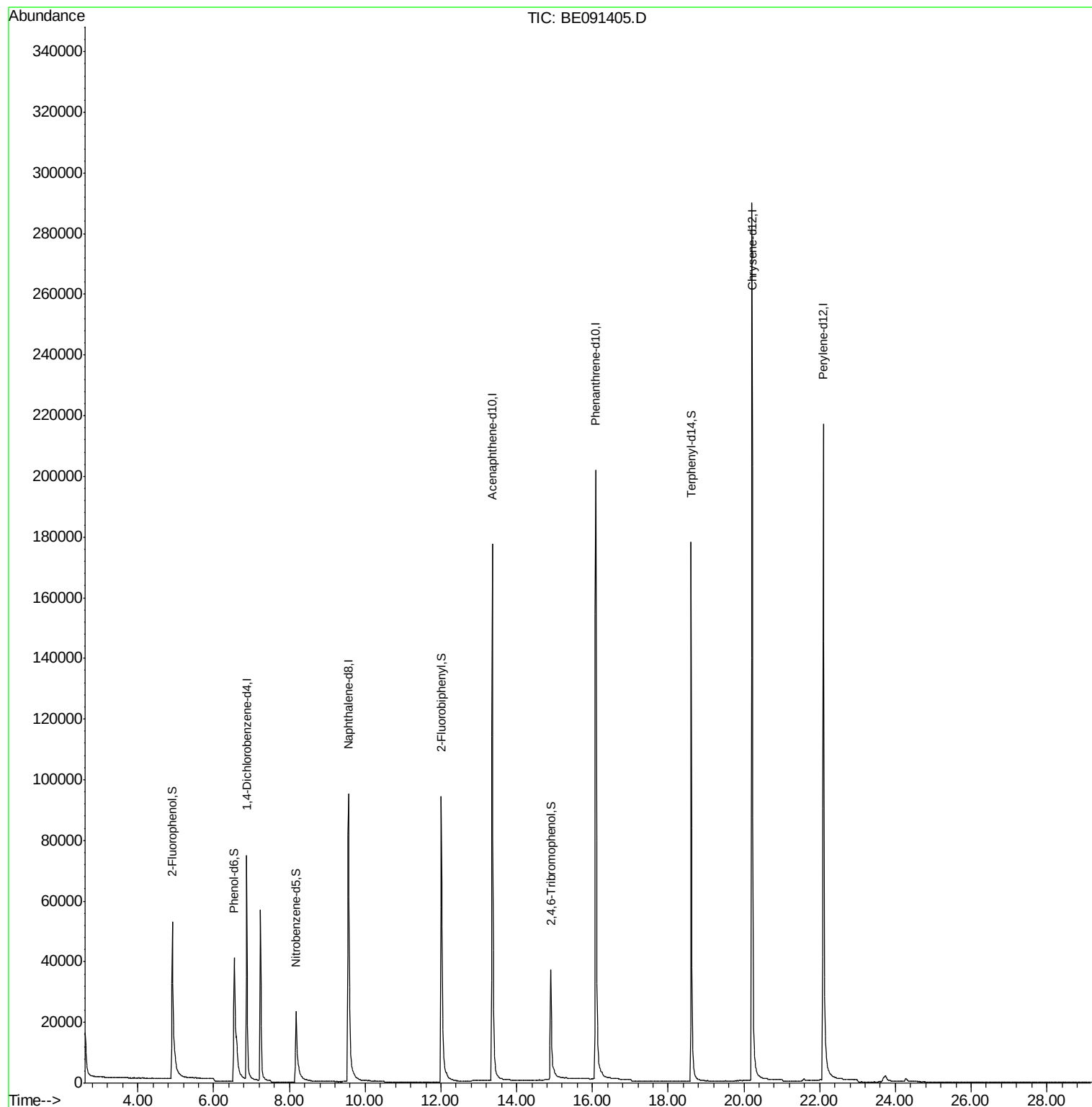
Target Compounds	Qvalue
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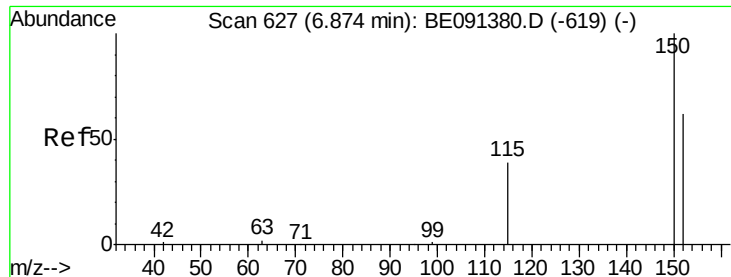
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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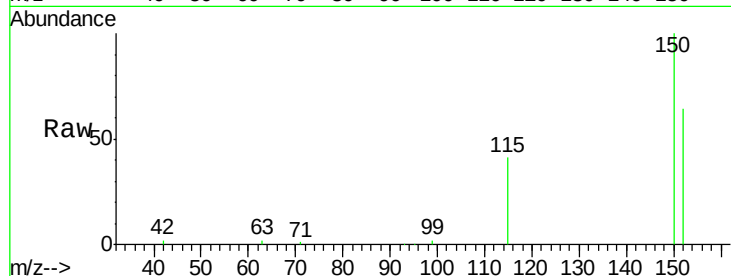


#1

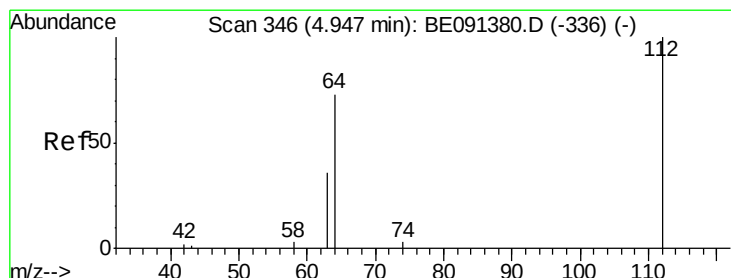
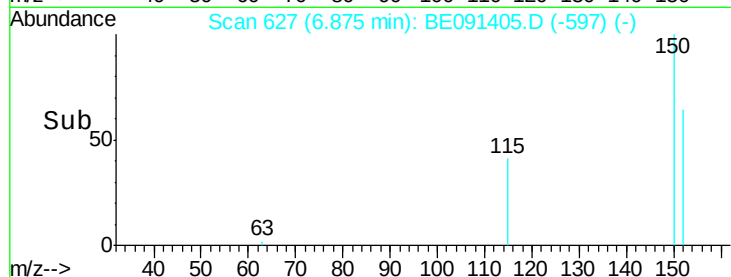
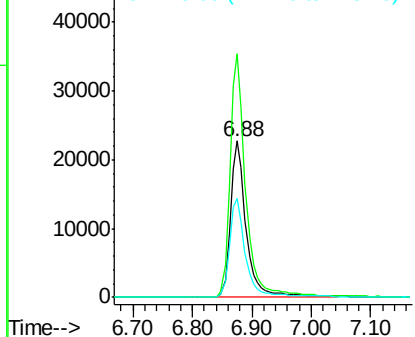
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.88 min Scan# 627
Delta R.T. 0.00 min
Lab File: BE091405.D
Acq: 17 Feb 2016 15:40

Instrument :
BNA_E
ClientSampleId :
PB88398BL

Tot Ion:152 Resp: 41688
Ion Ratio Lower Upper
152 100
150 156.1 128.9 193.3
115 63.7 50.9 76.3



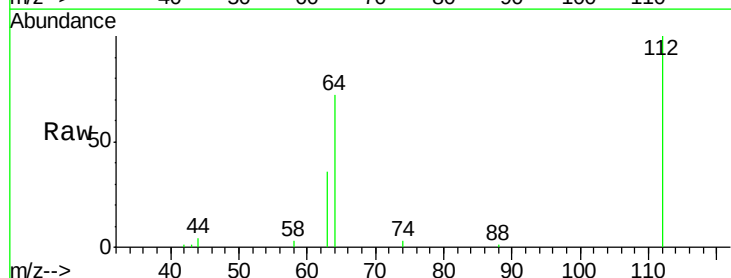
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



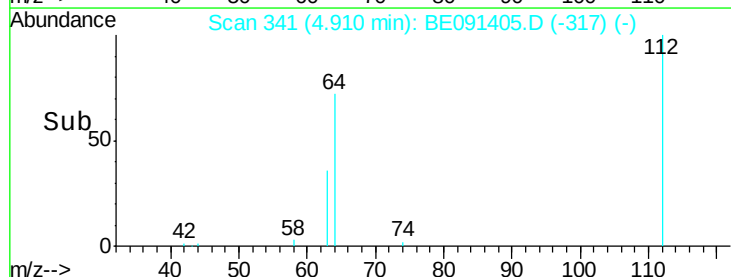
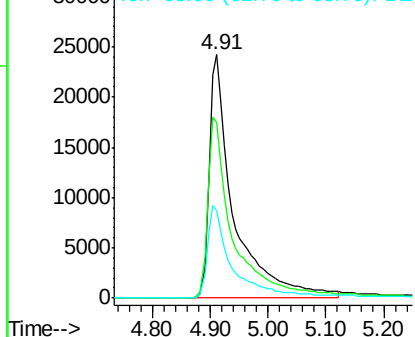
#2

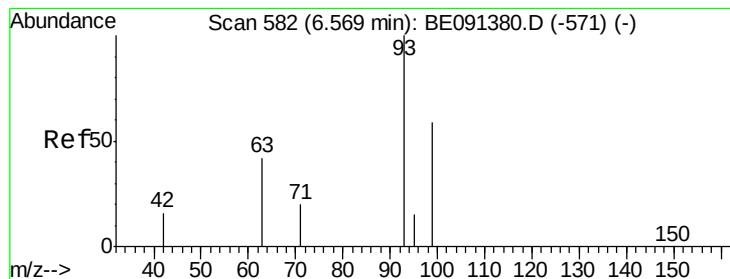
2-Fluorophenol
Concen: 7.21 ng
RT: 4.91 min Scan# 341
Delta R.T. -0.04 min
Lab File: BE091405.D
Acq: 17 Feb 2016 15:40

Tgt Ion:112 Resp: 71185
Ion Ratio Lower Upper
112 100
64 75.1 60.5 90.7
63 37.7 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: 6.99 ng

RT: 6.54 min Scan# 578

Delta R.T. -0.03 min

Lab File: BE091405.D

Acq: 17 Feb 2016 15:40

Instrument :

BNA_E

ClientSampleId :

PB88398BL

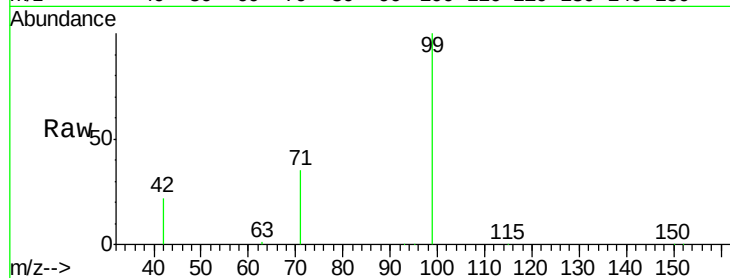
Tot Ion: 99 Resp: 97655

Ion Ratio Lower Upper

99 100

42 15.6 13.3 19.9

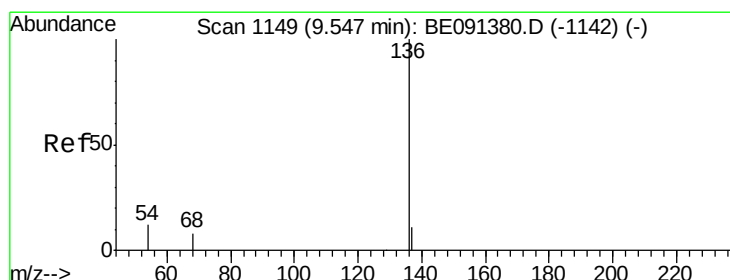
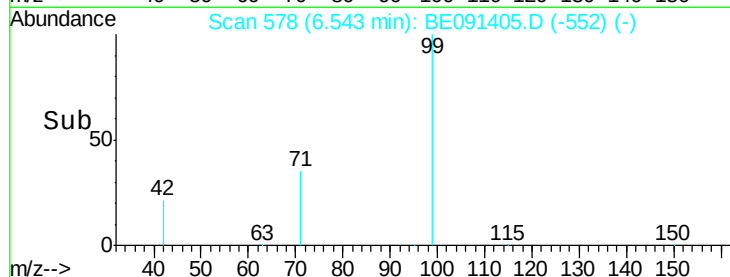
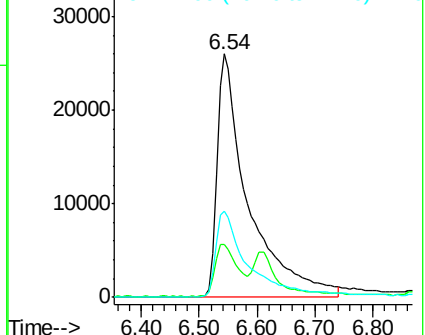
71 36.2 25.6 38.4



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: 9.56 min Scan# 1151

Delta R.T. 0.01 min

Lab File: BE091405.D

Acq: 17 Feb 2016 15:40

Tgt Ion: 136 Resp: 196686

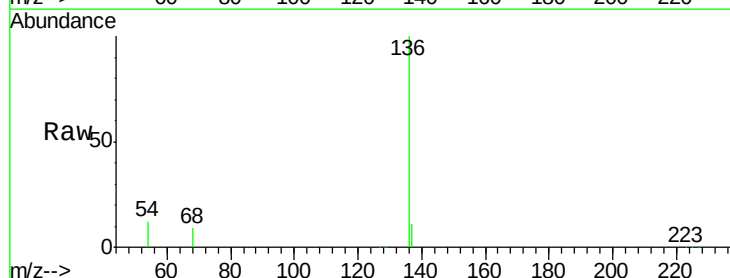
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 12.2 9.3 13.9

68 8.8 6.7 10.1

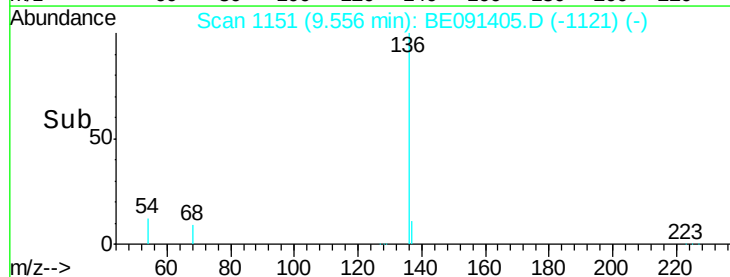
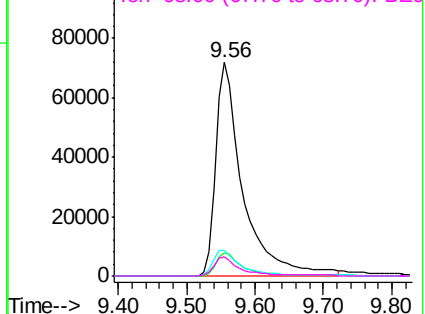


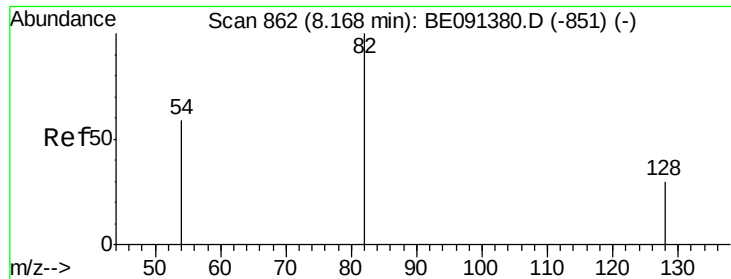
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.52 ng

RT: 8.18 min Scan# 864

Delta R.T. 0.01 min

Lab File: BE091405.D

Acq: 17 Feb 2016 15:40

Instrument :

BNA_E

ClientSampleId :

PB88398BL

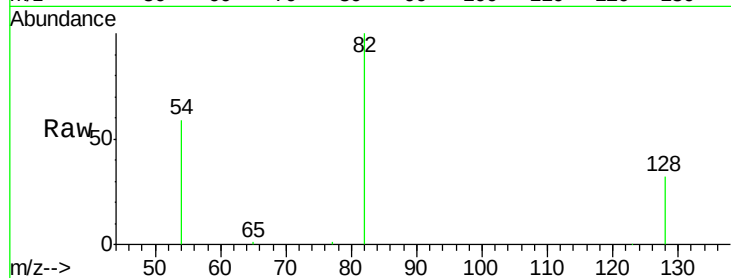
Tot Ion: 82 Resp: 44681

Ion Ratio Lower Upper

82 100

128 32.5 25.0 37.4

54 58.7 48.1 72.1

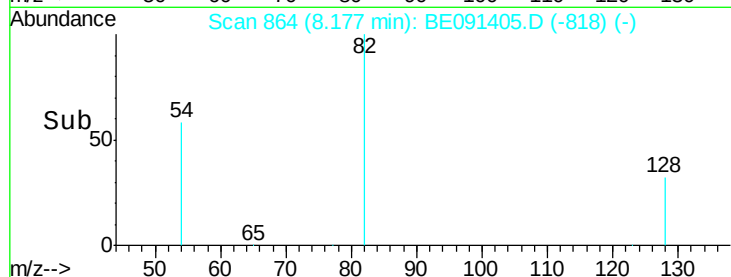


Abundance Ion 82.00 (81.70 to 82.70): BE091380.D (-851) (-)

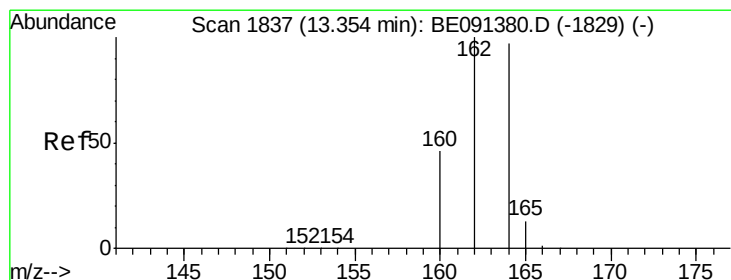
Ion 128.00 (127.70 to 128.70): BE091380.D (-851) (-)

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# 1839

Delta R.T. 0.00 min

Lab File: BE091405.D

Acq: 17 Feb 2016 15:40

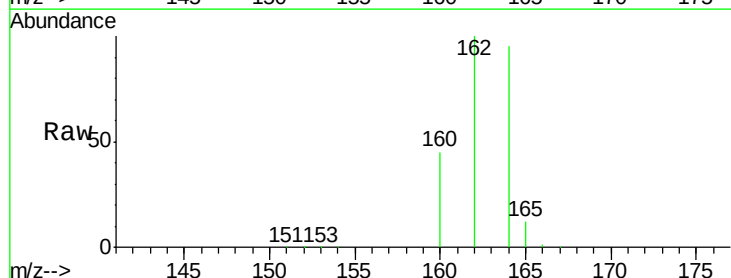
Tgt Ion: 164 Resp: 131188

Ion Ratio Lower Upper

164 100

162 105.0 82.2 123.2

160 47.2 37.8 56.8

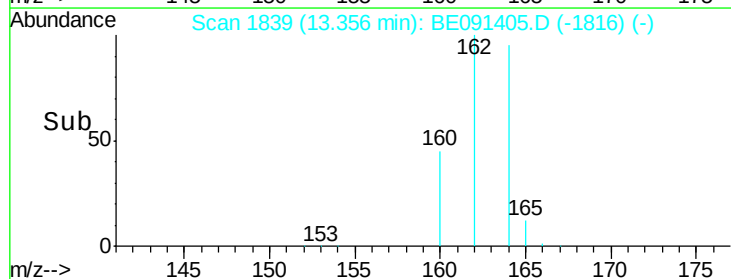


Abundance Ion 164.00 (163.70 to 164.70): BE091380.D (-1829) (-)

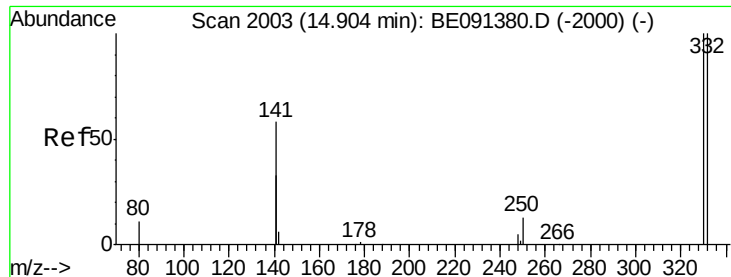
Ion 162.00 (161.70 to 162.70): BE091380.D (-1829) (-)

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

Time-->



Time-->



#9

2,4,6-Tribromophenol

Concen: 4.68 ng

RT: 14.91 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BE091405.D

Acq: 17 Feb 2016 15:40

Instrument :

BNA_E

ClientSampleId :

PB88398BL

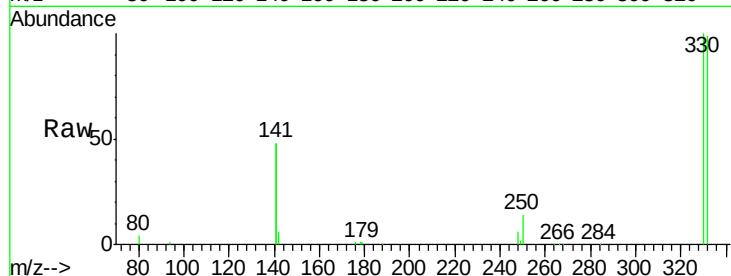
Tot Ion:330 Resp: 29113

Ion Ratio Lower Upper

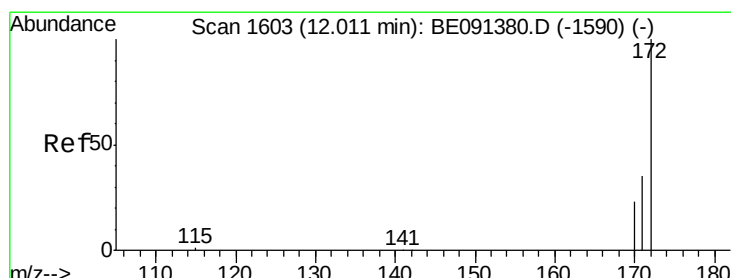
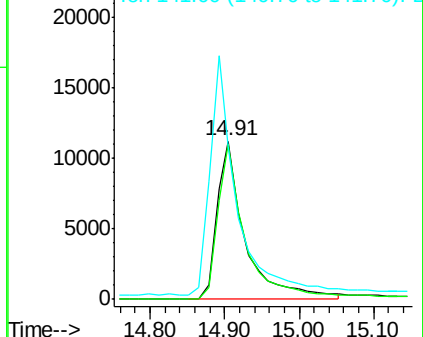
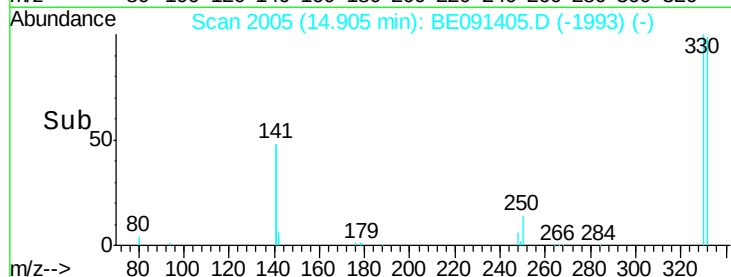
330 100

332 97.1 78.8 118.2

141 146.1 105.1 157.7



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: 4.39 ng

RT: 12.01 min Scan# 1605

Delta R.T. 0.00 min

Lab File: BE091405.D

Acq: 17 Feb 2016 15:40

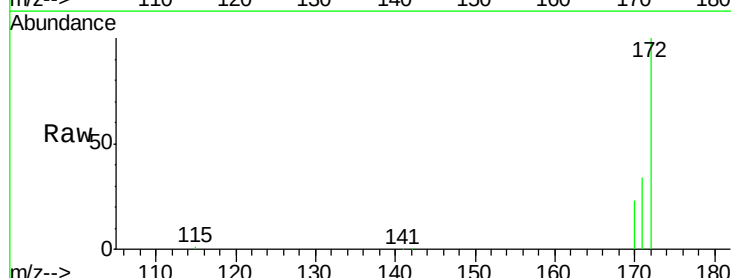
Tgt Ion:172 Resp: 149812

Ion Ratio Lower Upper

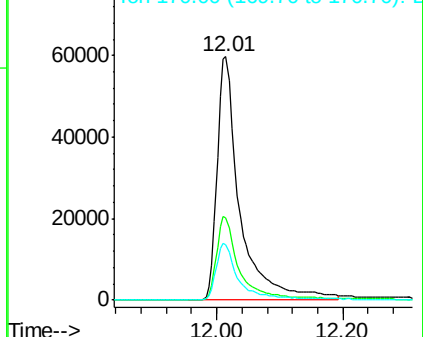
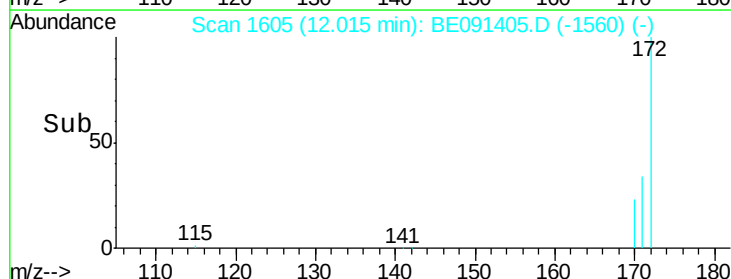
172 100

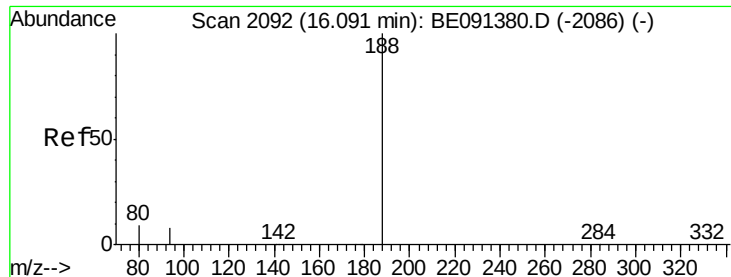
171 34.0 27.8 41.8

170 22.8 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

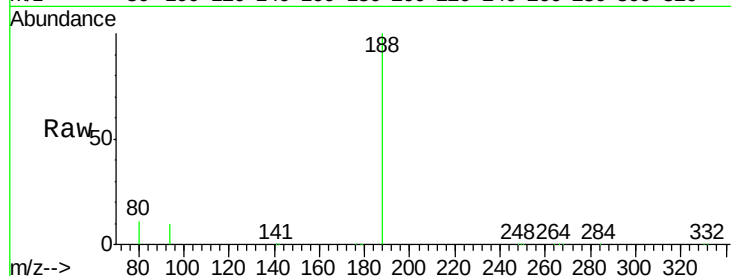




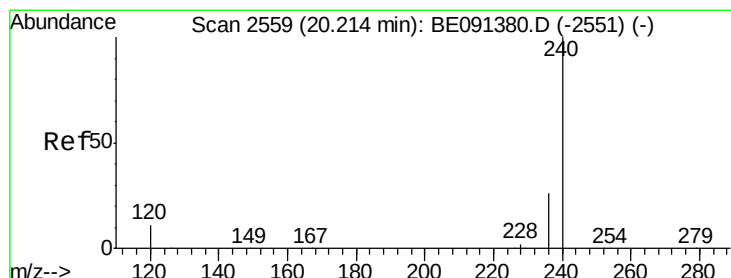
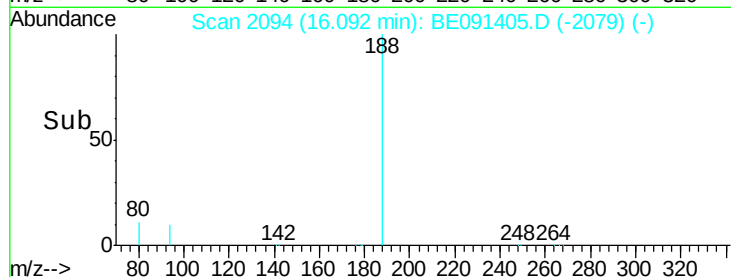
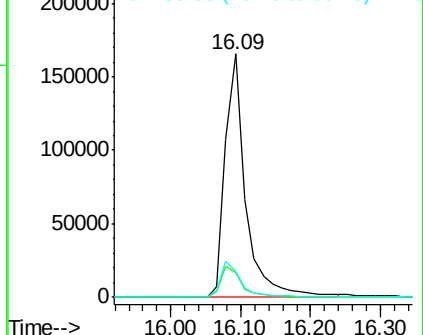
#14
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.09 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BE091405.D
Acq: 17 Feb 2016 15:40

Instrument :
BNA_E
ClientSampleId :
PB88398BL

Tot Ion:188 Resp: 335025
Ion Ratio Lower Upper
188 100
94 10.0 6.6 10.0#
80 10.9 7.0 10.6#

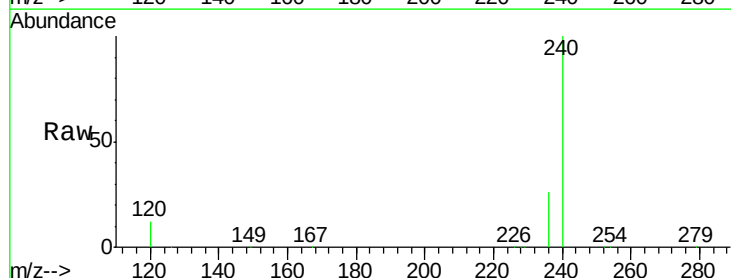


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

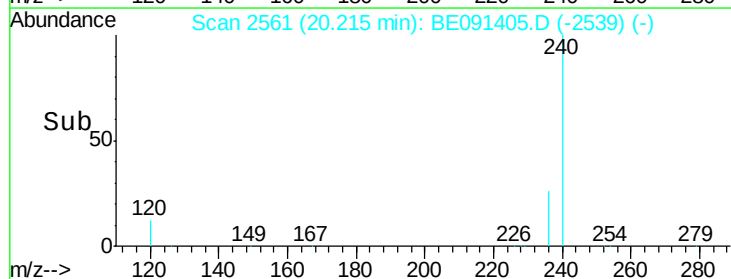
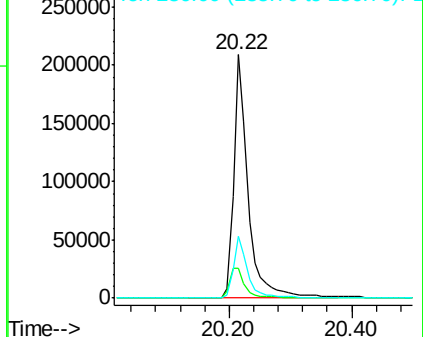


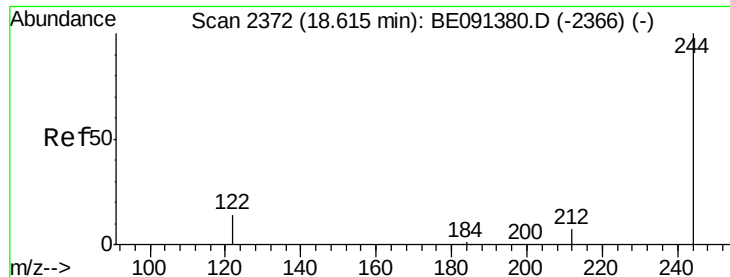
#18
Chrysene-d12
Concen: 5.00 ng
RT: 20.22 min Scan# 2561
Delta R.T. 0.00 min
Lab File: BE091405.D
Acq: 17 Feb 2016 15:40

Tgt Ion:240 Resp: 339633
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 25.6 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: 4.80 ng

RT: 18.62 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BE091405.D

Acq: 17 Feb 2016 15:40

Instrument :

BNA_E

ClientSampleId :

PB88398BL

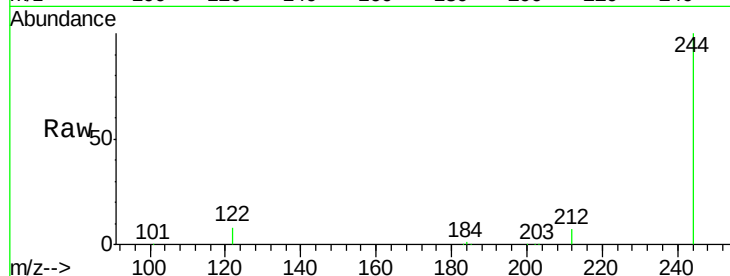
Tot Ion:244 Resp: 241282

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

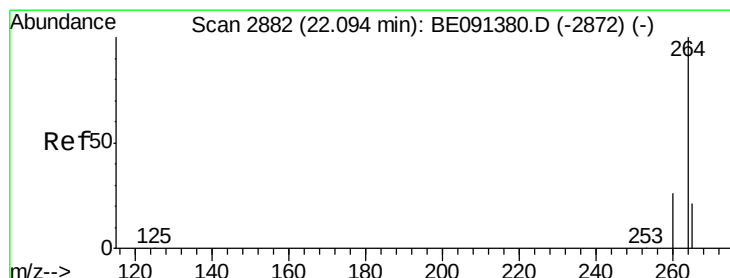
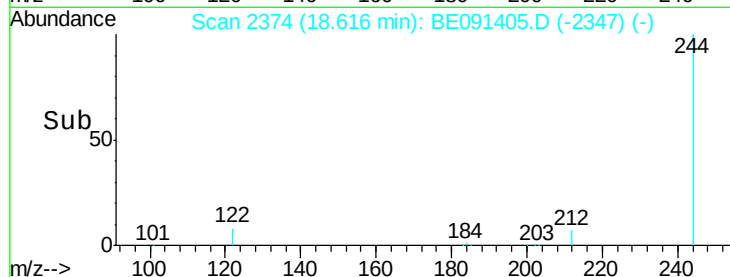
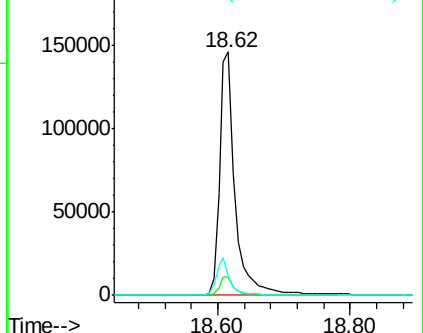
122 8.3 11.0 16.6#



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: 22.10 min Scan# 2885

Delta R.T. 0.00 min

Lab File: BE091405.D

Acq: 17 Feb 2016 15:40

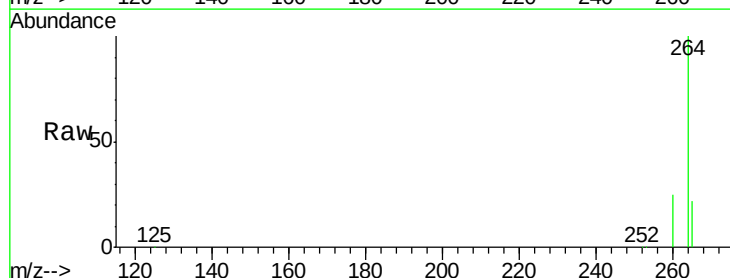
Tgt Ion:264 Resp: 300030

Ion Ratio Lower Upper

264 100

260 24.8 20.7 31.1

265 21.6 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

