

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020516\
 Data File : BE091398.D
 Acq On : 5 Feb 2016 14:00
 Operator : UM/IZ
 Sample : PB88200BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB88200BL

Quant Time: Feb 05 16:43:09 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	42874	5.00	ng	0.00
4) Naphthalene-d8	9.56	136	192041	5.00	ng	0.02
8) Acenaphthene-d10	13.36	164	127792	5.00	ng	0.00
14) Phenanthrene-d10	16.09	188	332313	5.00	ng	0.00
18) Chrysene-d12	20.22	240	360046	5.00	ng	0.00
24) Perylene-d12	22.10	264	324397	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.91	112	70602	6.96	ng	-0.04
3) Phenol-d6	6.54	99	96711	6.74	ng	-0.03
5) Nitrobenzene-d5	8.18	82	39447	3.21	ng	0.00
9) 2,4,6-Tribromophenol	14.90	330	24049	4.02	ng	0.00
10) 2-Fluorobiphenyl	12.02	172	134574	4.05	ng	0.00
20) Terphenyl-d14	18.62	244	244422	4.59	ng	0.00

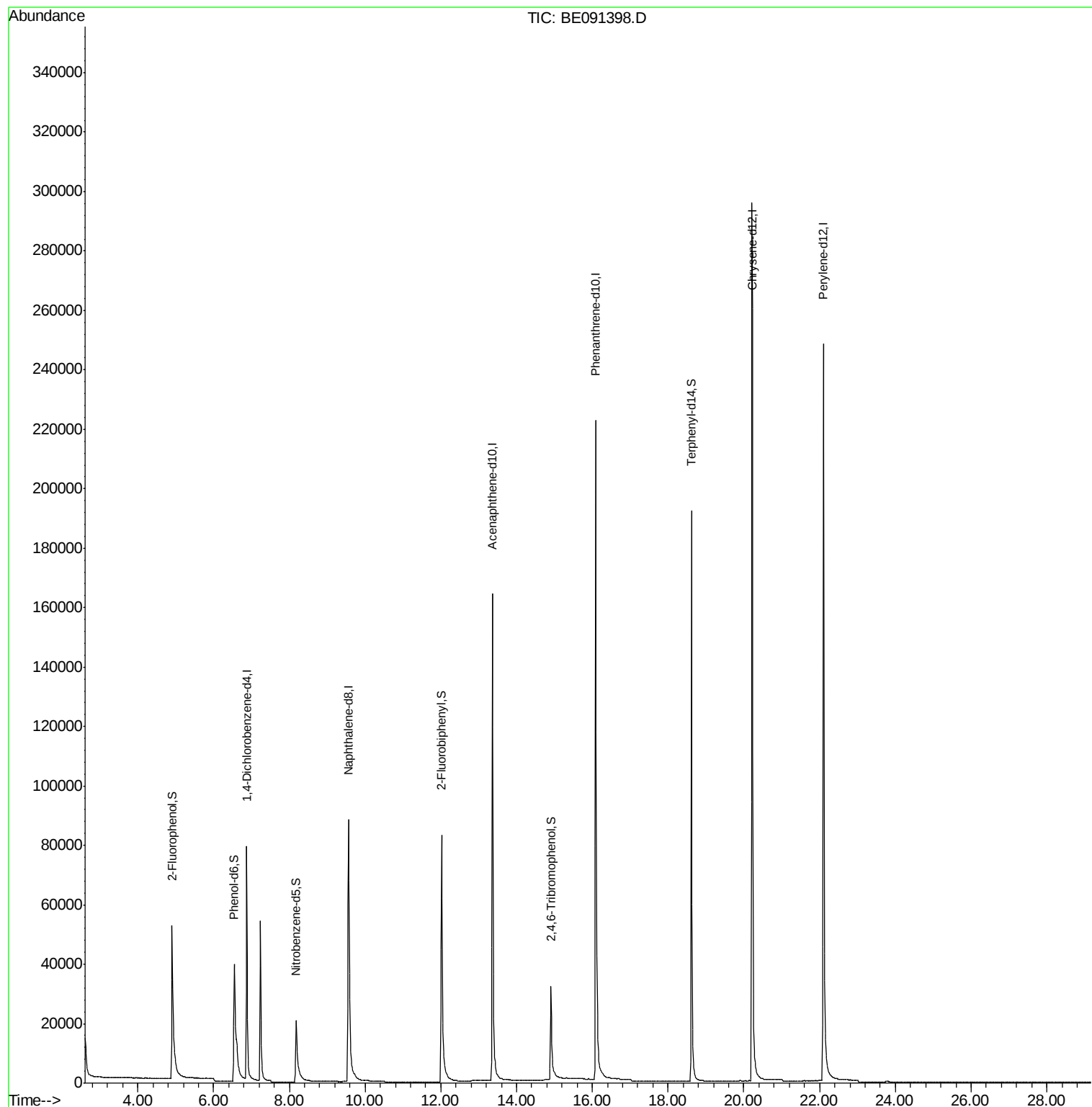
Target Compounds Qvalue

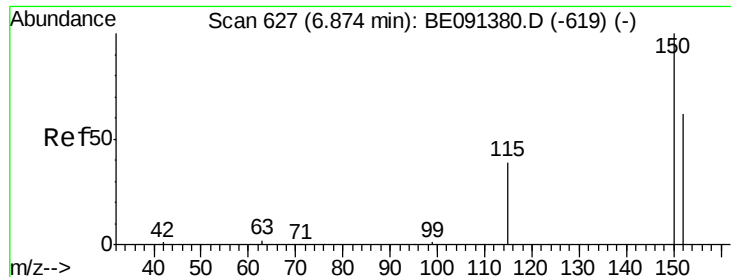
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE091398.D

Acq: 5 Feb 2016 14:00

Instrument :

BNA_E

ClientSampleId :

PB88200BL

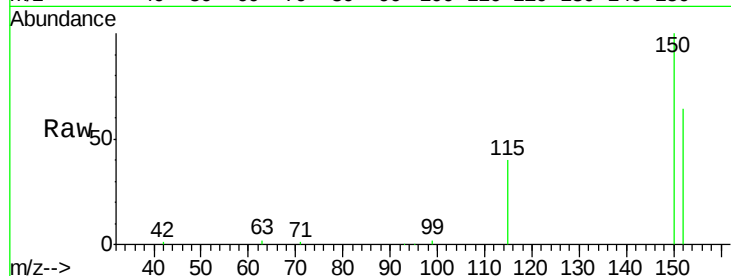
Tot Ion:152 Resp: 42874

Ion Ratio Lower Upper

152 100

150 156.6 128.9 193.3

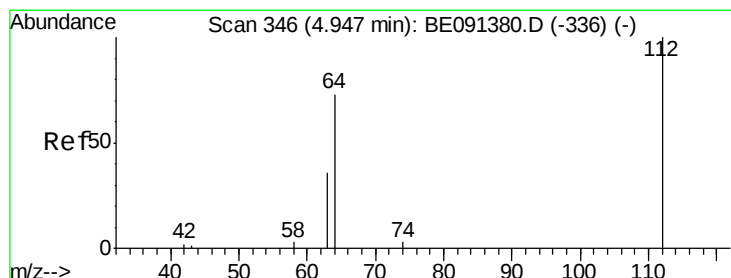
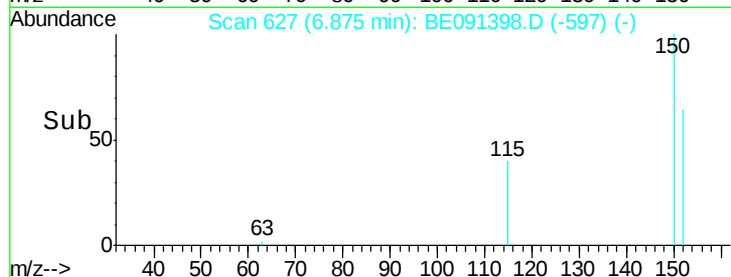
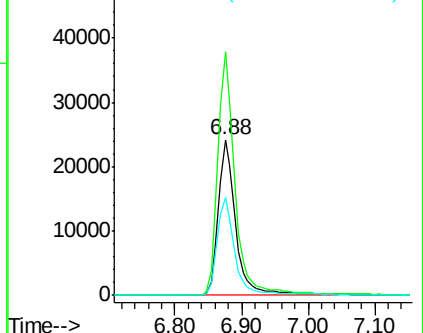
115 63.0 50.9 76.3



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: 6.96 ng

RT: 4.91 min Scan# 341

Delta R.T. -0.04 min

Lab File: BE091398.D

Acq: 5 Feb 2016 14:00

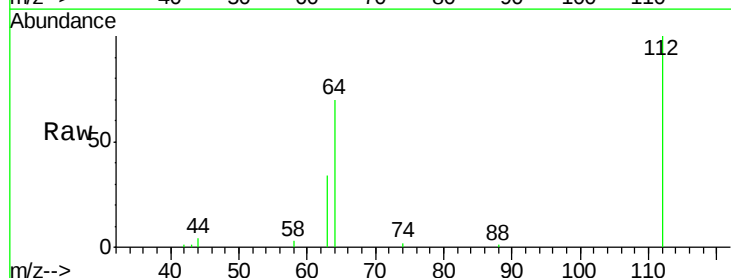
Tgt Ion:112 Resp: 70602

Ion Ratio Lower Upper

112 100

64 73.7 60.5 90.7

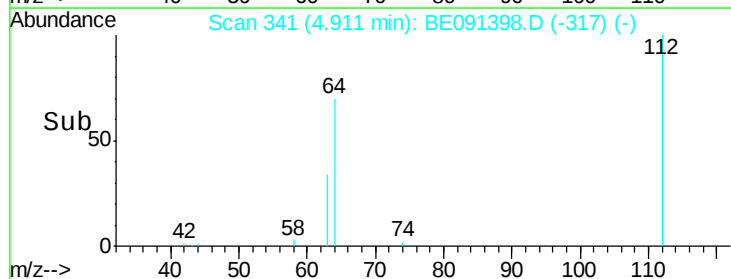
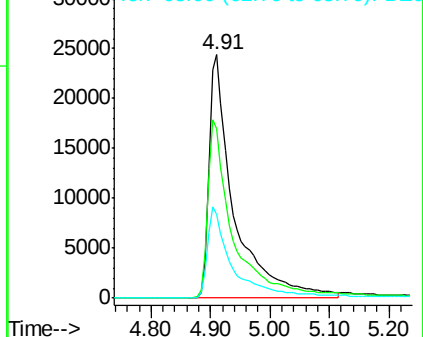
63 36.8 29.8 44.8

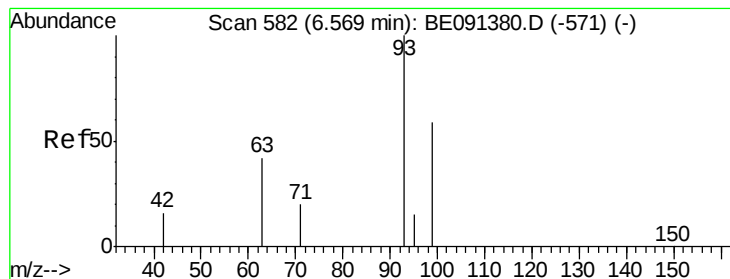


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#3

Phenol-d6

Concen: 6.74 ng

RT: 6.54 min Scan# 578

Delta R.T. -0.03 min

Lab File: BE091398.D

Acq: 5 Feb 2016 14:00

Instrument :

BNA_E

ClientSampleId :

PB88200BL

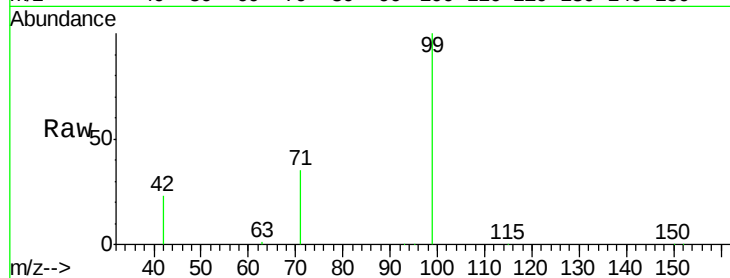
Tot Ion: 99 Resp: 96711

Ion Ratio Lower Upper

99 100

42 15.1 13.3 19.9

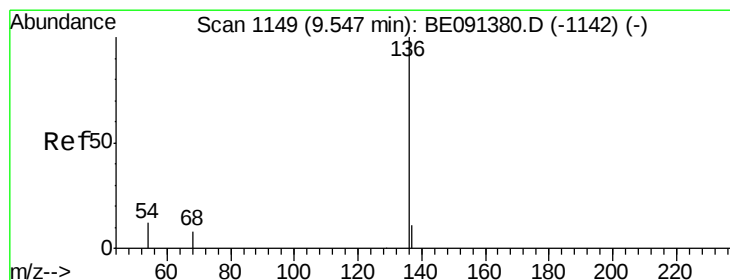
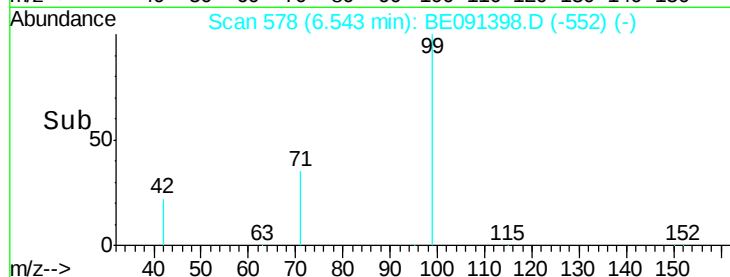
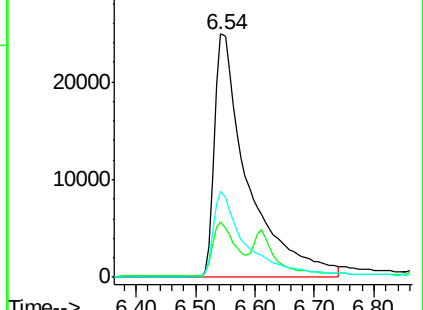
71 34.4 25.6 38.4



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: 9.56 min Scan# 1151

Delta R.T. 0.02 min

Lab File: BE091398.D

Acq: 5 Feb 2016 14:00

Tgt Ion: 136 Resp: 192041

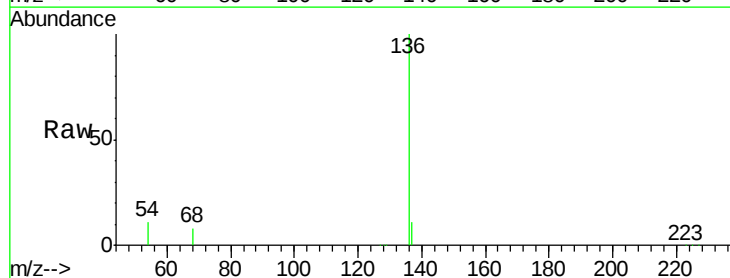
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.2 9.3 13.9

68 7.9 6.7 10.1

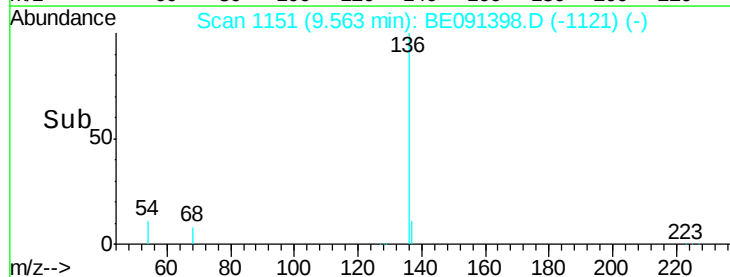
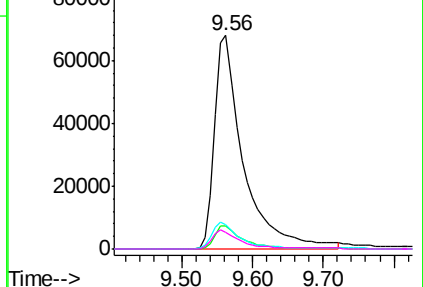


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.21 ng

RT: 8.18 min Scan# 864

Delta R.T. 0.01 min

Lab File: BE091398.D

Acq: 5 Feb 2016 14:00

Instrument :

BNA_E

ClientSampleId :

PB88200BL

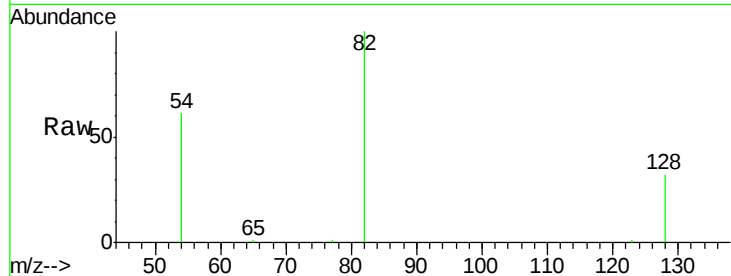
Tot Ion: 82 Resp: 39447

Ion Ratio Lower Upper

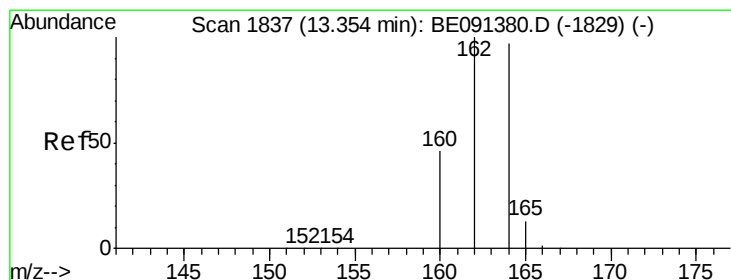
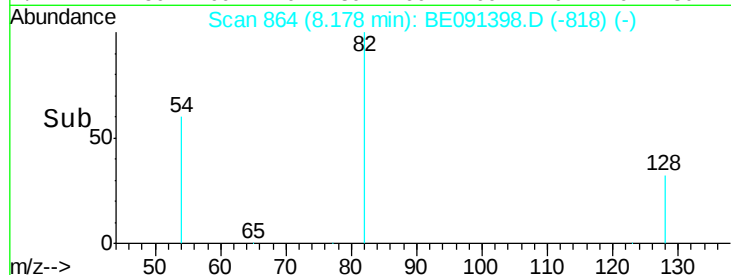
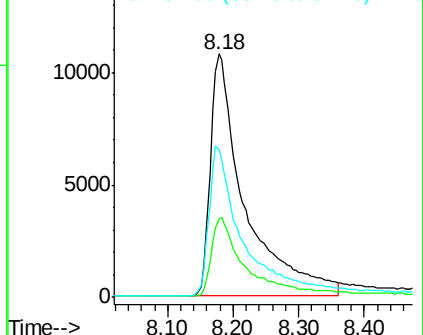
82 100

128 32.2 25.0 37.4

54 60.6 48.1 72.1



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#8

Acenaphthene-d10

Concen: 5.00 ng

RT: 13.36 min Scan# 1838

Delta R.T. 0.01 min

Lab File: BE091398.D

Acq: 5 Feb 2016 14:00

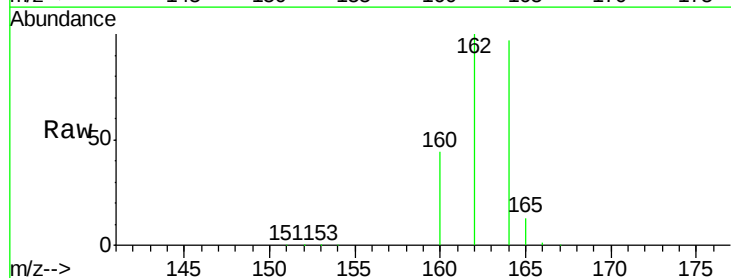
Tgt Ion: 164 Resp: 127792

Ion Ratio Lower Upper

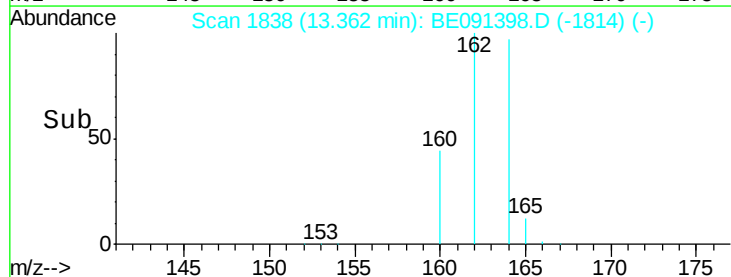
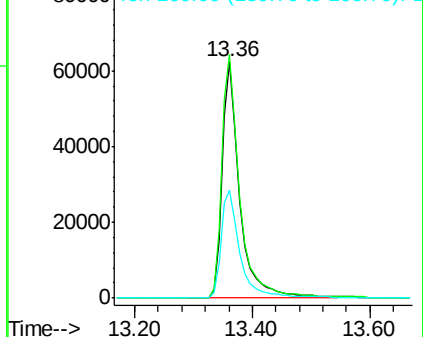
164 100

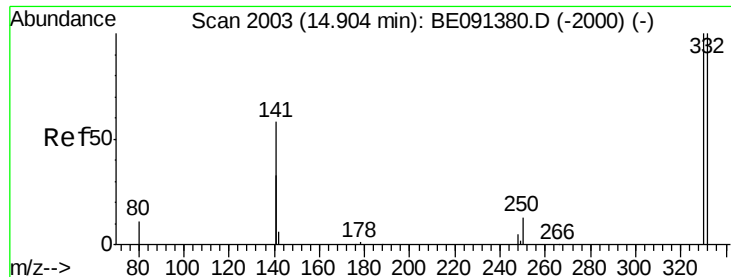
162 103.1 82.2 123.2

160 45.8 37.8 56.8



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#9

2,4,6-Tribromophenol

Concen: 4.02 ng

RT: 14.90 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BE091398.D

Acq: 5 Feb 2016 14:00

Instrument :

BNA_E

ClientSampleId :

PB88200BL

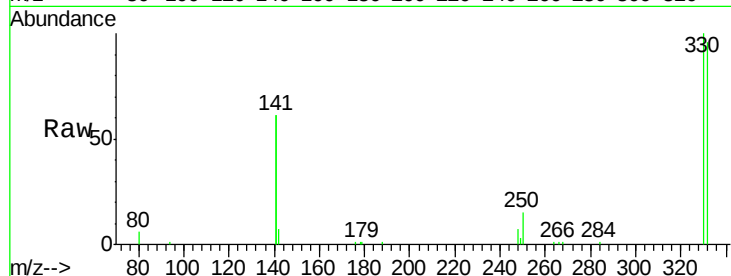
Tot Ion:330 Resp: 24049

Ion Ratio Lower Upper

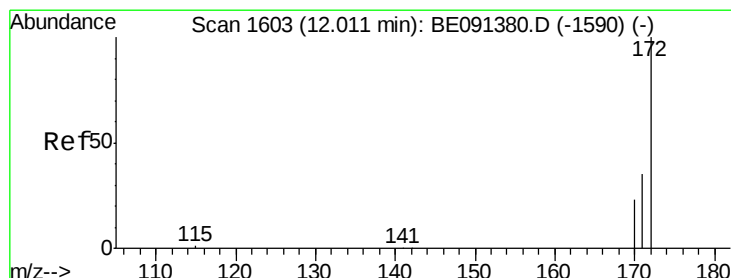
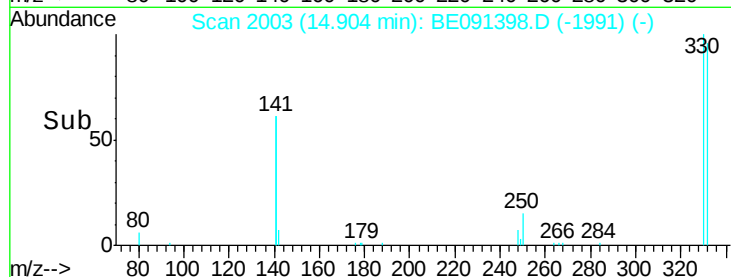
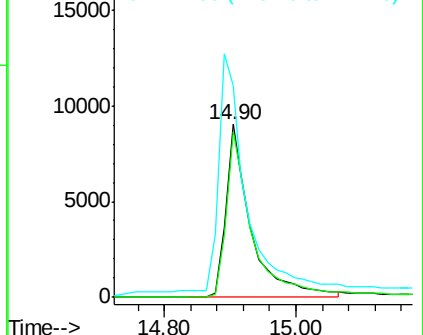
330 100

332 97.2 78.8 118.2

141 147.4 105.1 157.7



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: 4.05 ng

RT: 12.02 min Scan# 1605

Delta R.T. 0.01 min

Lab File: BE091398.D

Acq: 5 Feb 2016 14:00

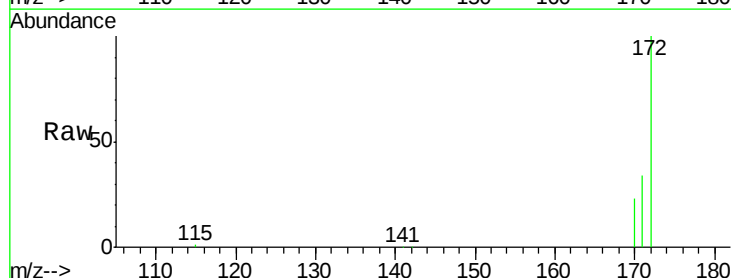
Tgt Ion:172 Resp: 134574

Ion Ratio Lower Upper

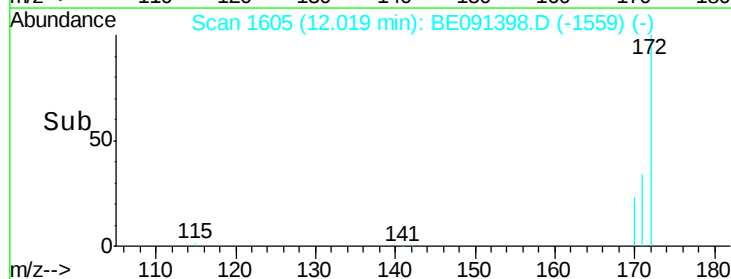
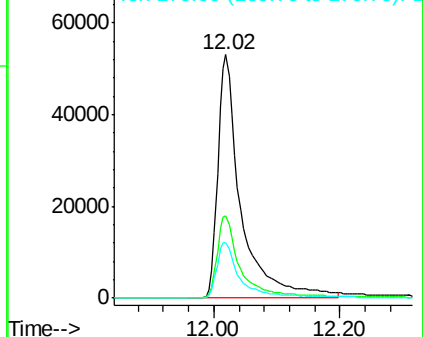
172 100

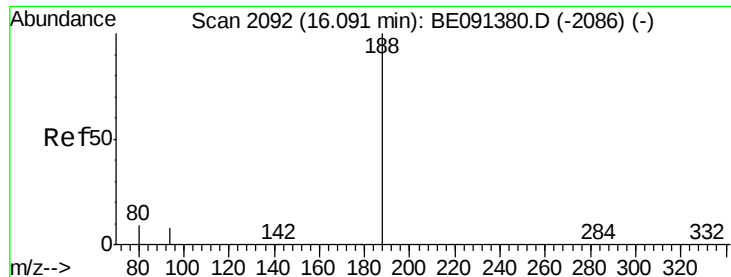
171 33.7 27.8 41.8

170 22.7 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: 16.09 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BE091398.D

Acq: 5 Feb 2016 14:00

Instrument :

BNA_E

ClientSampleId :

PB88200BL

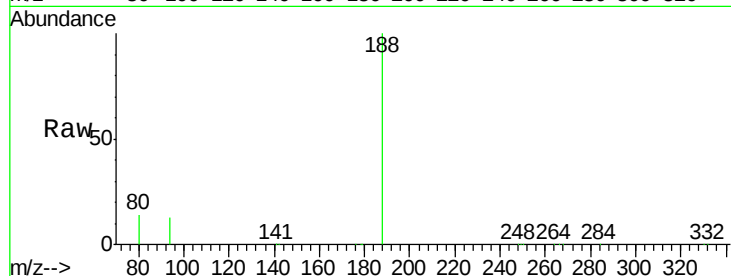
Tot Ion:188 Resp: 332313

Ion Ratio Lower Upper

188 100

94 12.6 6.6 10.0#

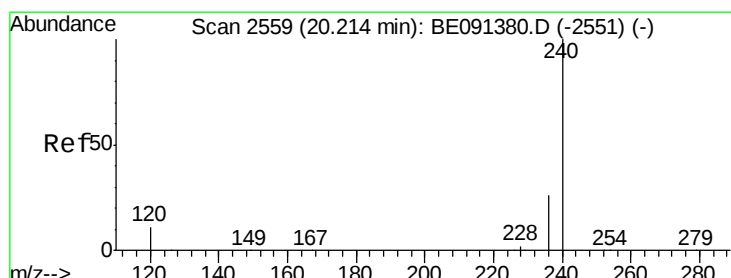
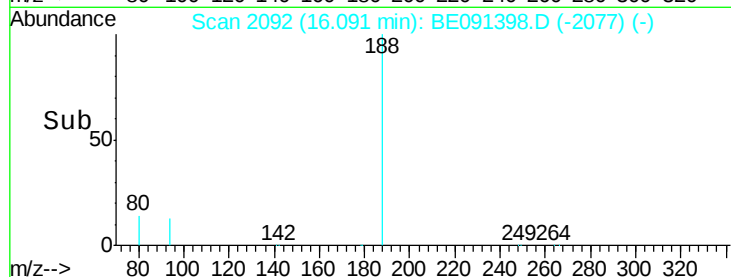
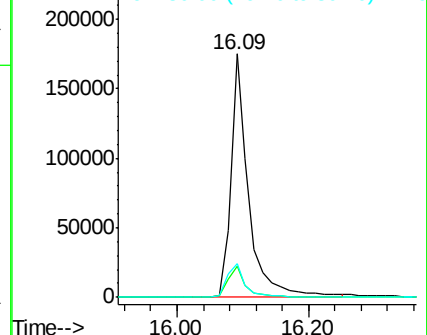
80 13.7 7.0 10.6#



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: BE091398.D

Acq: 5 Feb 2016 14:00

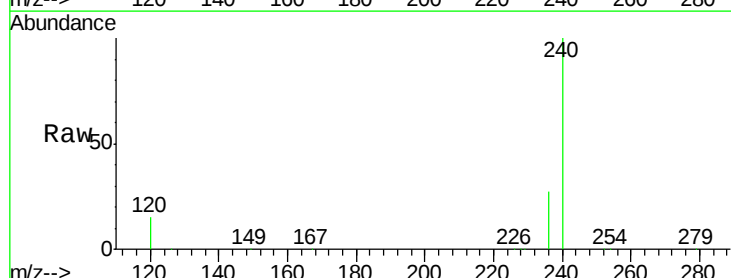
Tgt Ion:240 Resp: 360046

Ion Ratio Lower Upper

240 100

120 15.0 8.9 13.3#

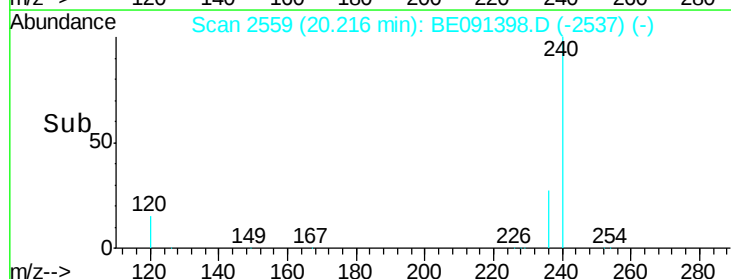
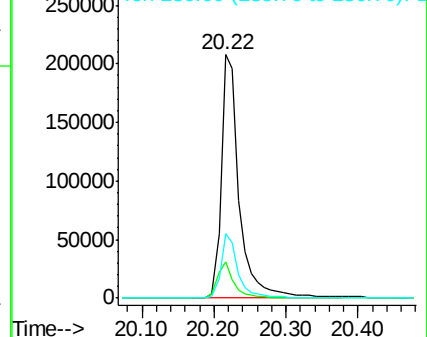
236 26.6 21.0 31.4

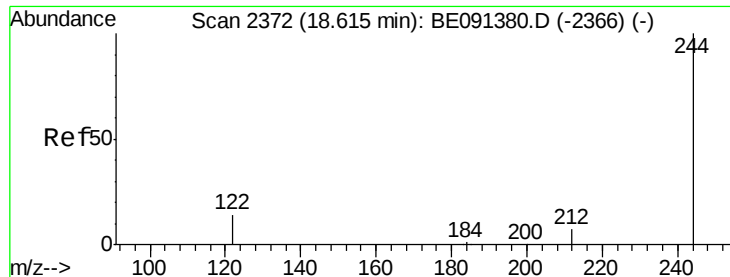


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#20

Terphenyl-d14

Concen: 4.59 ng

RT: 18.62 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BE091398.D

Acq: 5 Feb 2016 14:00

Instrument :

BNA_E

ClientSampleId :

PB88200BL

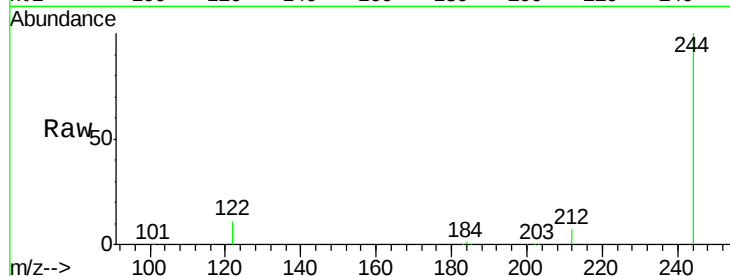
Tot Ion:244 Resp: 244422

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

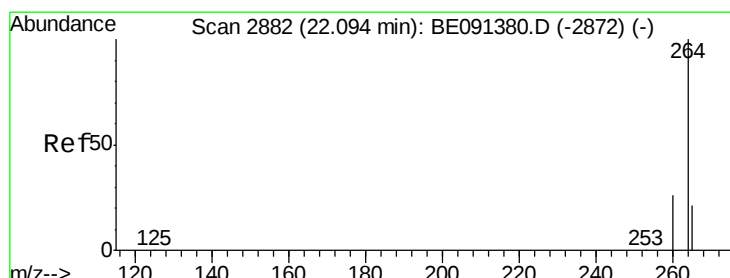
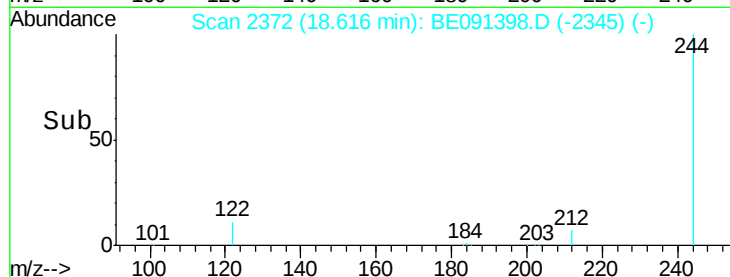
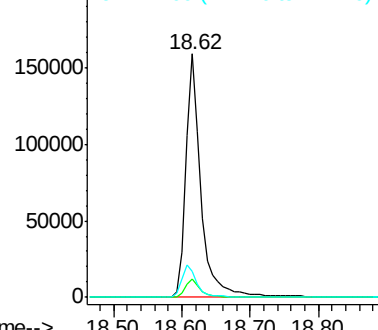
122 10.9 11.0 16.6#



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# 2884

Delta R.T. 0.01 min

Lab File: BE091398.D

Acq: 5 Feb 2016 14:00

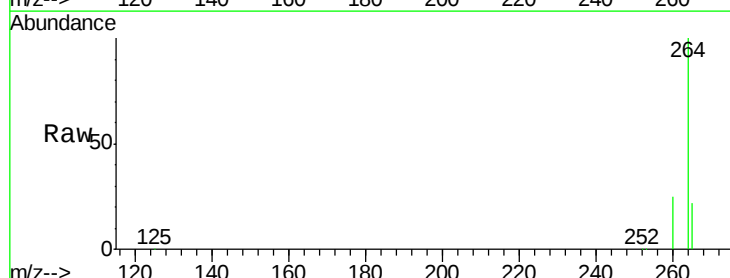
Tgt Ion:264 Resp: 324397

Ion Ratio Lower Upper

264 100

260 24.7 20.7 31.1

265 21.7 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

