

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081215\
 Data File : BE090484.D
 Acq On : 13 Aug 2015 1:23
 Operator : UM/IZ
 Sample : PB84969BL
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84969BL

Quant Time: Aug 13 02:36:56 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 06 12:28:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	19465	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	87707	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	51282	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	123467	5.00	ng	0.00
25) Chrysene-d12	21.09	240	135077	5.00	ng	0.00
32) Perylene-d12	23.40	264	120915	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	35712	12.23	ng	0.00
5) Phenol-d6	6.77	99	52393	8.26	ng	0.00
7) Nitrobenzene-d5	8.73	82	22676	3.25	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	12617	8.03	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	54462	3.86	ng	0.00
27) Terphenyl-d14	19.55	244	93258	4.69	ng	-0.01

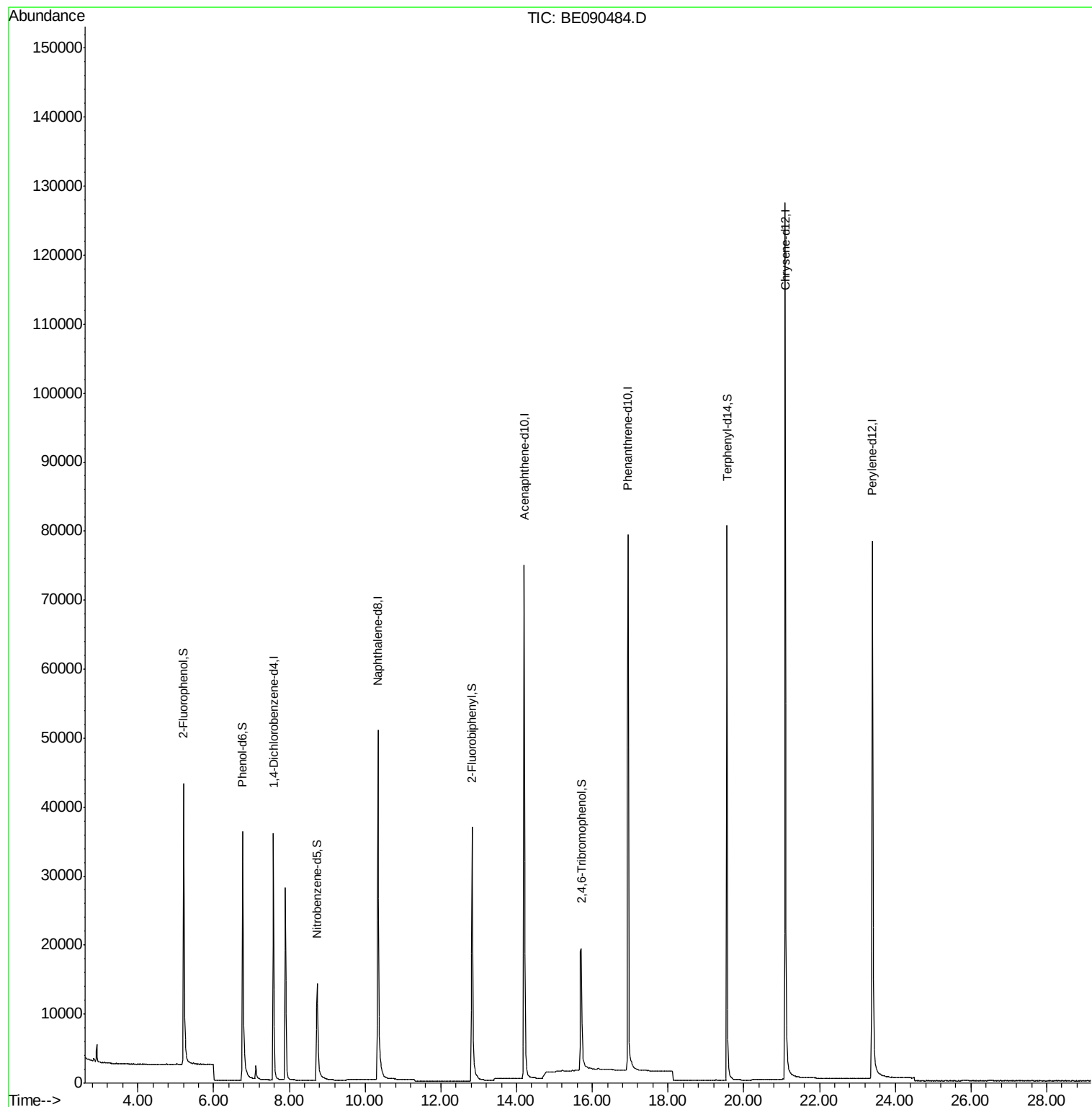
Target Compounds	Qvalue
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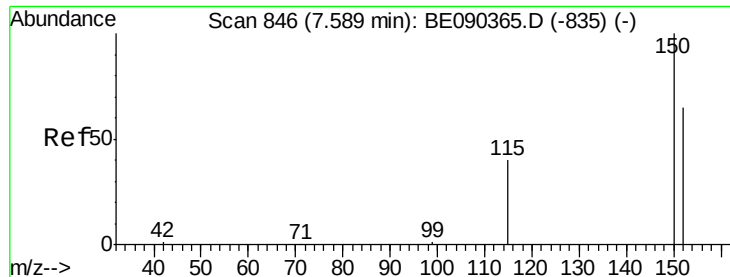
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE090484.D

Acq: 13 Aug 2015 1:23

Instrument :

BNA_E

ClientSampleId :

PB84969BL

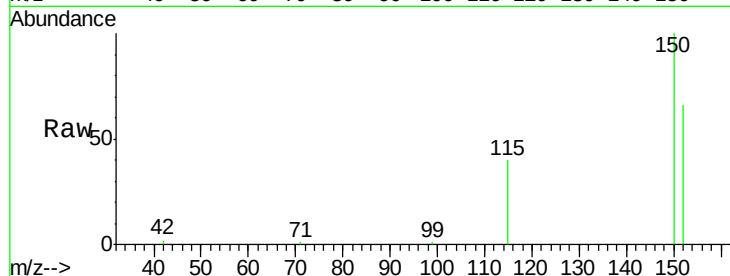
Tgt Ion:152 Resp: 19465

Ion Ratio Lower Upper

152 100

150 152.1 123.0 184.4

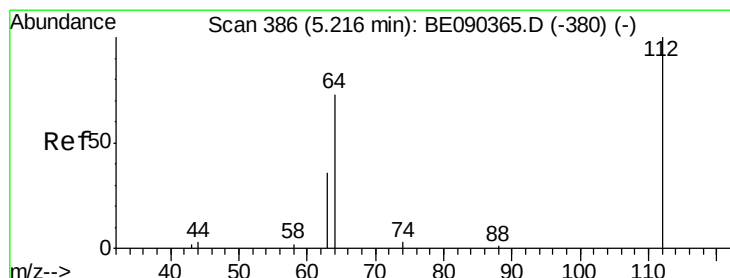
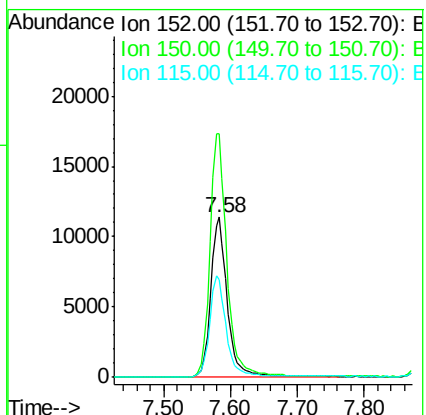
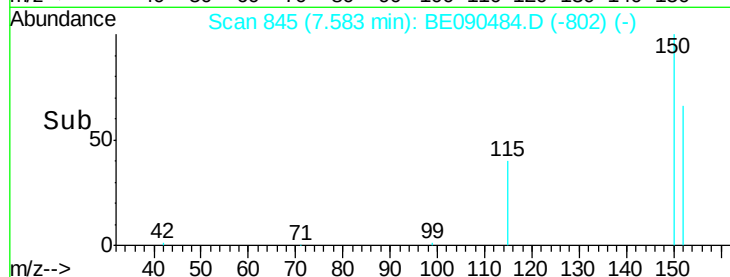
115 61.0 48.9 73.3



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



#4

2-Fluorophenol

Concen: 12.23 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090484.D

Acq: 13 Aug 2015 1:23

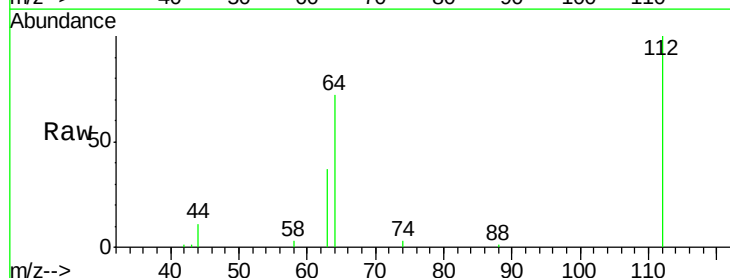
Tgt Ion:112 Resp: 35712

Ion Ratio Lower Upper

112 100

64 70.8 37.1 55.7#

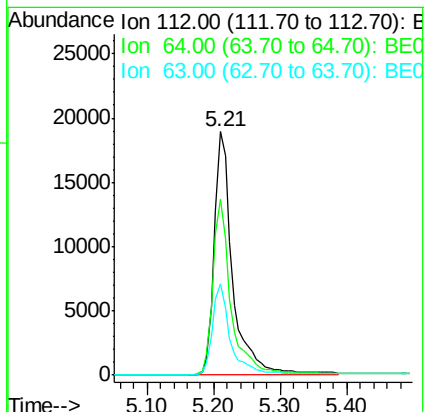
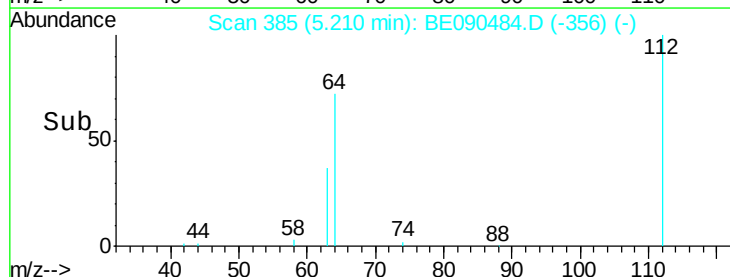
63 36.3 19.5 29.3#

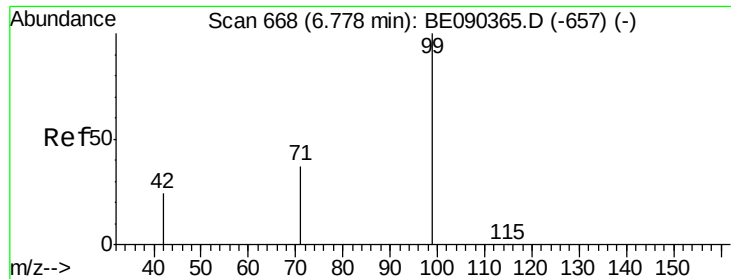


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 8.26 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090484.D

Acq: 13 Aug 2015 1:23

Instrument :

BNA_E

ClientSampleId :

PB84969BL

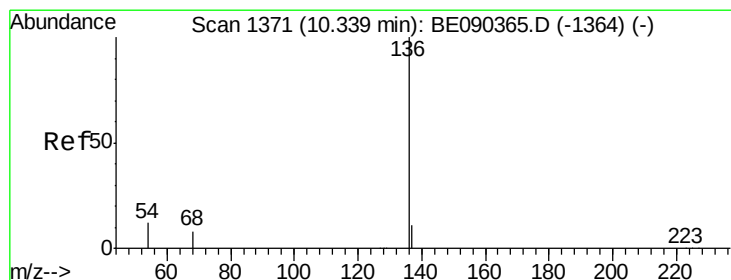
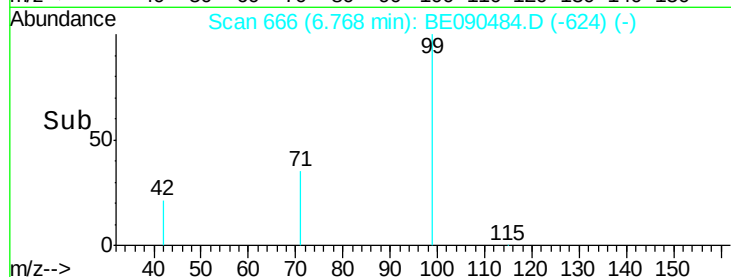
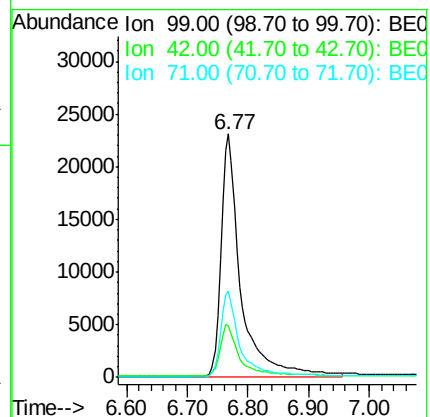
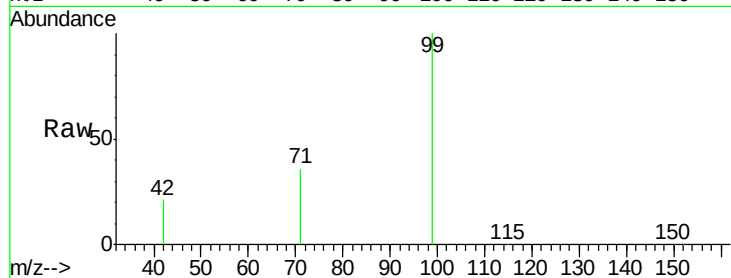
Tgt Ion: 99 Resp: 52393

Ion Ratio Lower Upper

99 100

42 21.3 18.2 27.4

71 35.3 27.4 41.0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE090484.D

Acq: 13 Aug 2015 1:23

Tgt Ion: 136 Resp: 87707

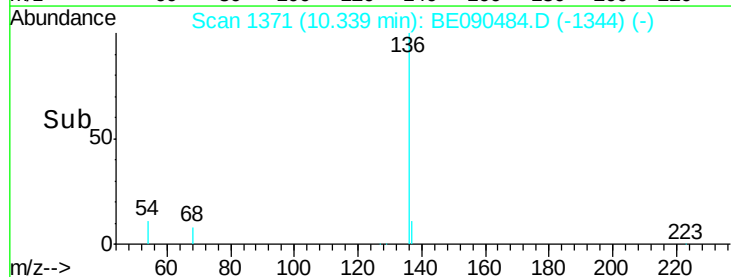
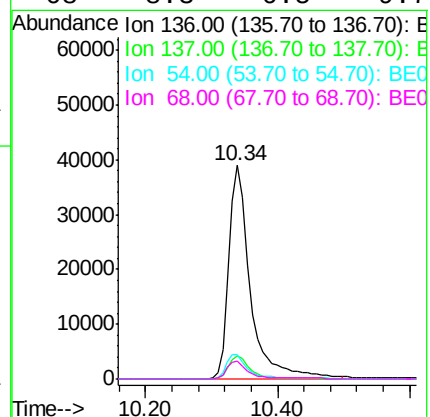
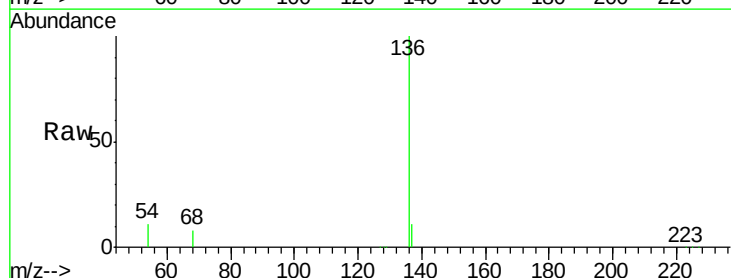
Ion Ratio Lower Upper

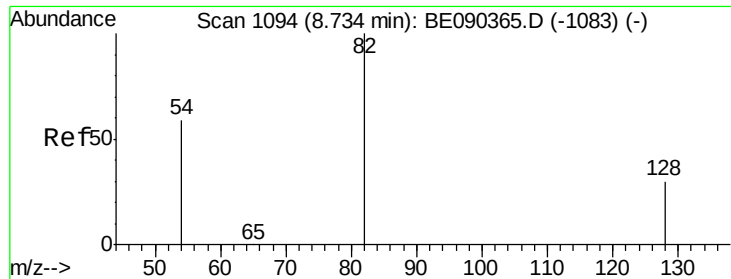
136 100

137 11.0 8.7 13.1

54 11.2 9.4 14.0

68 8.3 6.5 9.7





#7

Nitrobenzene-d5

Concen: 3.25 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BE090484.D

Acq: 13 Aug 2015 1:23

Instrument :

BNA_E

ClientSampleId :

PB84969BL

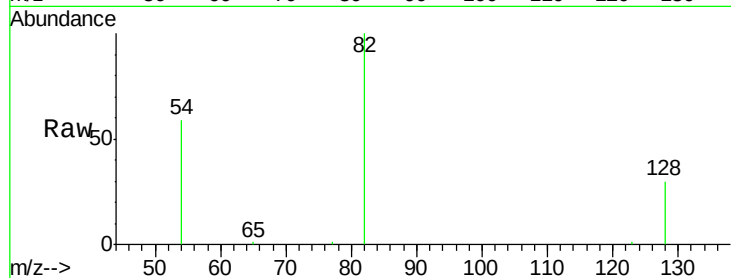
Tgt Ion: 82 Resp: 22676

Ion Ratio Lower Upper

82 100

128 30.3 25.0 37.6

54 58.7 48.8 73.2

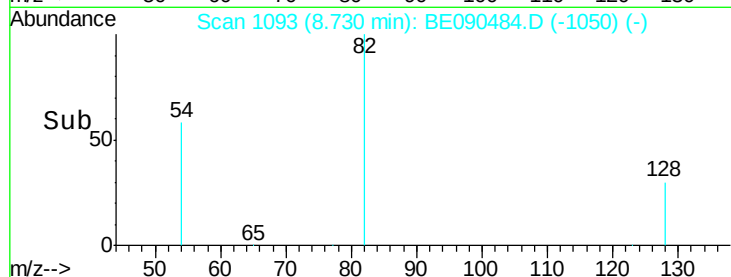


Abundance Ion 82.00 (81.70 to 82.70): BE090484.D (-1050) (-)

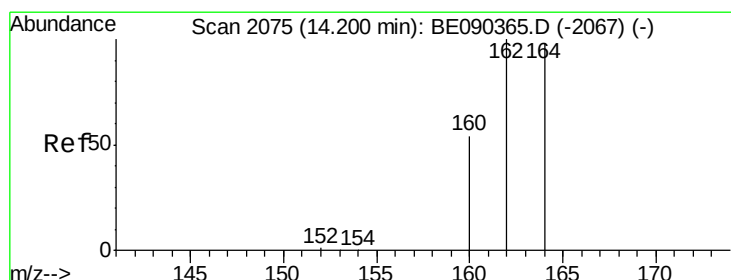
Ion 128.00 (127.70 to 128.70): BE090484.D (-1050) (-)

Ion 54.00 (53.70 to 54.70): BE090484.D (-1050) (-)

Time-->



Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BE090484.D

Acq: 13 Aug 2015 1:23

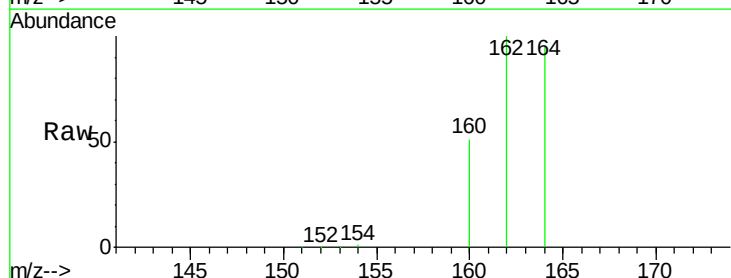
Tgt Ion: 164 Resp: 51282

Ion Ratio Lower Upper

164 100

162 104.9 81.8 122.8

160 53.6 44.2 66.4

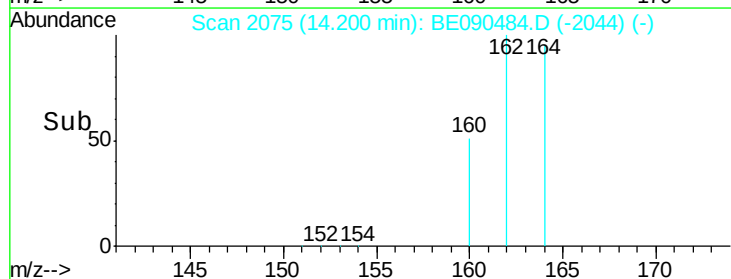


Abundance Ion 164.00 (163.70 to 164.70): BE090484.D (-2044) (-)

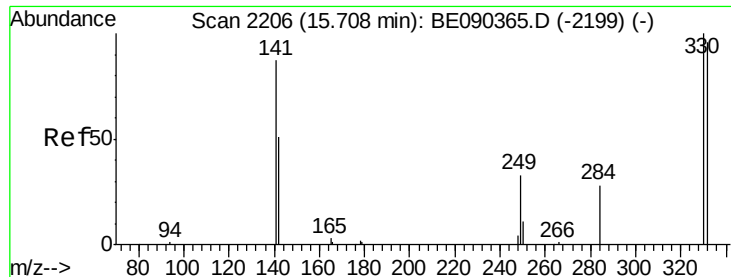
Ion 162.00 (161.70 to 162.70): BE090484.D (-2044) (-)

Ion 160.00 (159.70 to 160.70): BE090484.D (-2044) (-)

Time-->



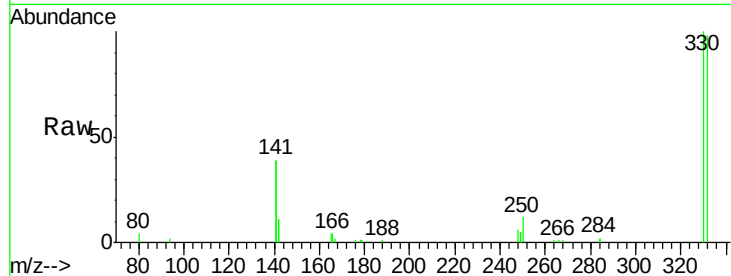
Time-->



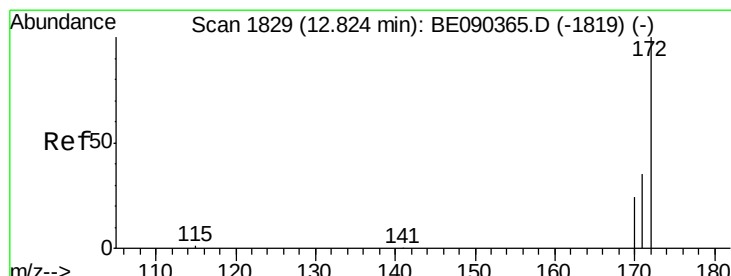
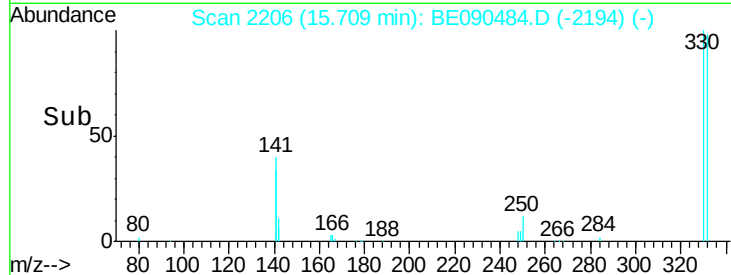
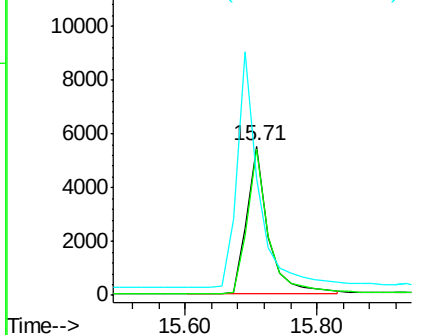
#13
 2,4,6-Tribromophenol
 Concen: 8.03 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE090484.D
 Acq: 13 Aug 2015 1:23

Instrument :
 BNA_E
 ClientSampleId :
 PB84969BL

Tgt Ion:330 Resp: 12617
 Ion Ratio Lower Upper
 330 100
 332 97.1 75.8 113.6
 141 160.5 114.4 171.6

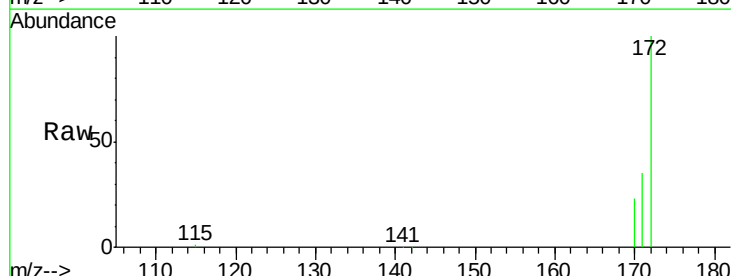


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

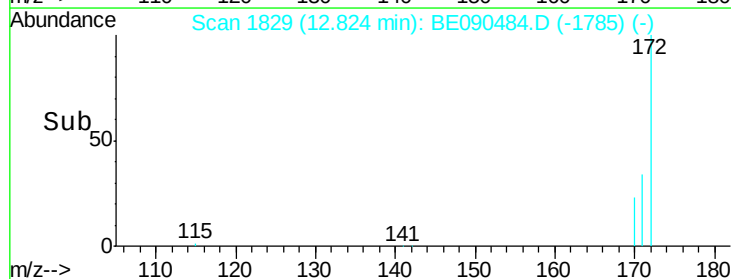
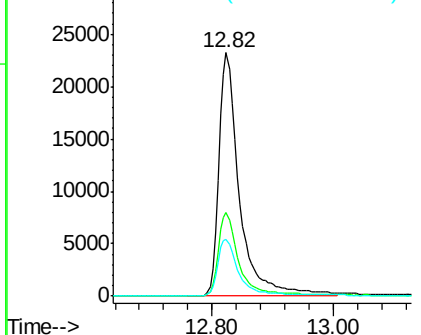


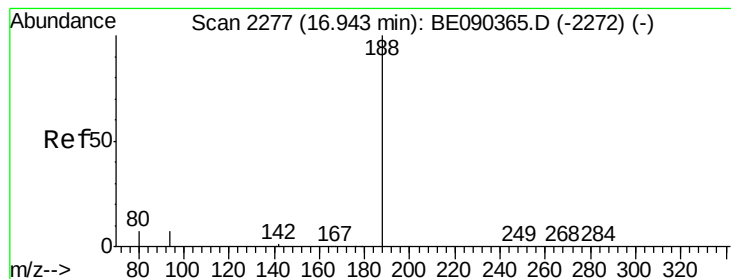
#14
 2-Fluorobiphenyl
 Concen: 3.86 ng
 RT: 12.82 min Scan# 1829
 Delta R.T. -0.00 min
 Lab File: BE090484.D
 Acq: 13 Aug 2015 1:23

Tgt Ion:172 Resp: 54462
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.5 42.7
 170 23.5 19.8 29.8



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





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BE090484.D

Acq: 13 Aug 2015 1:23

Instrument :

BNA_E

ClientSampleId :

PB84969BL

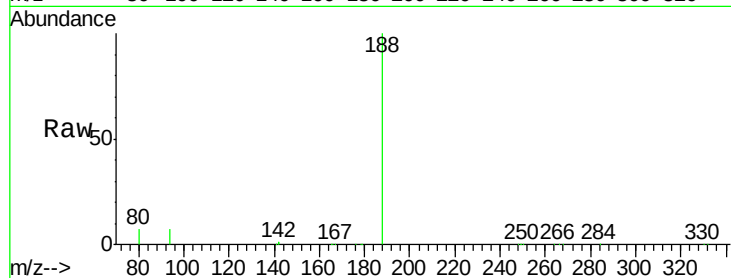
Tgt Ion:188 Resp: 123467

Ion Ratio Lower Upper

188 100

94 6.9 5.7 8.5

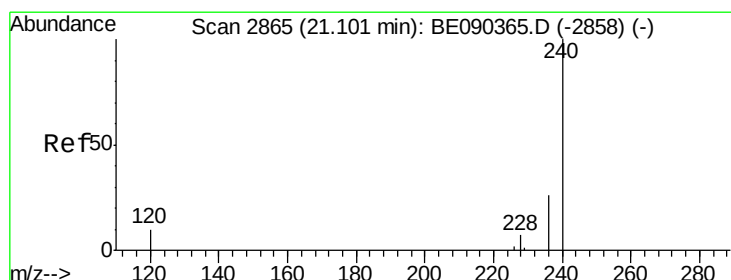
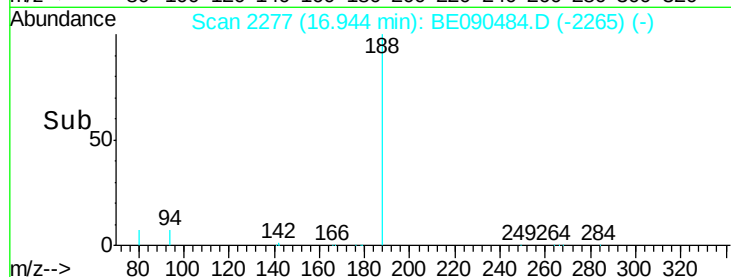
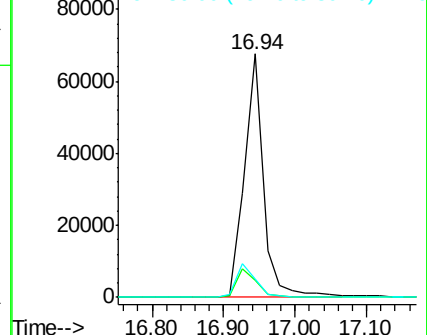
80 7.3 5.8 8.8



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



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BE090484.D

Acq: 13 Aug 2015 1:23

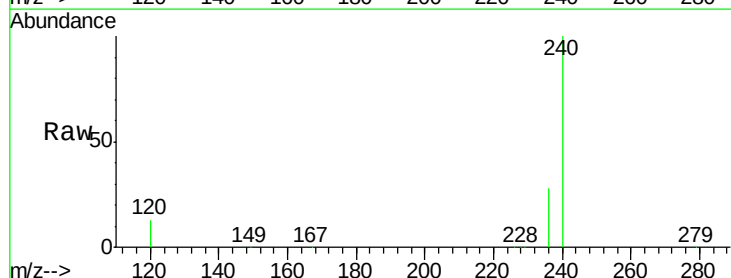
Tgt Ion:240 Resp: 135077

Ion Ratio Lower Upper

240 100

120 12.6 8.3 12.5#

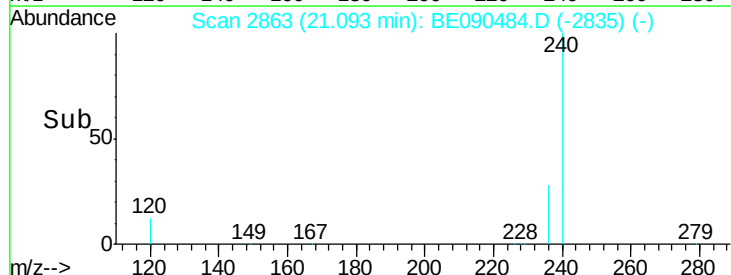
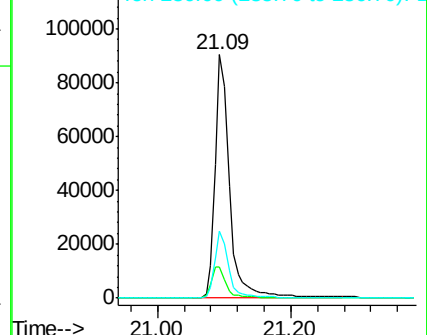
236 27.6 21.0 31.4

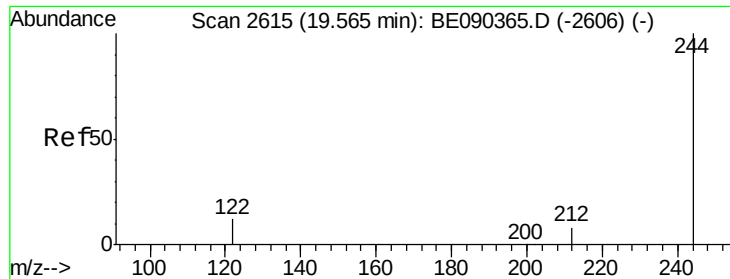


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

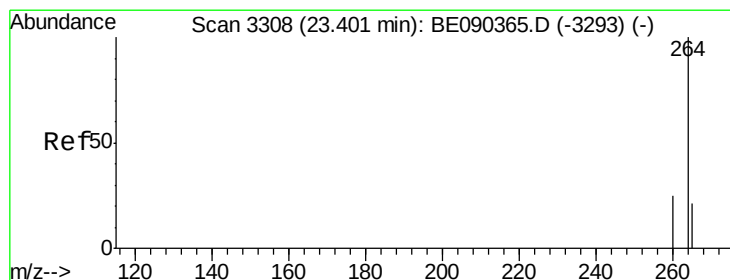
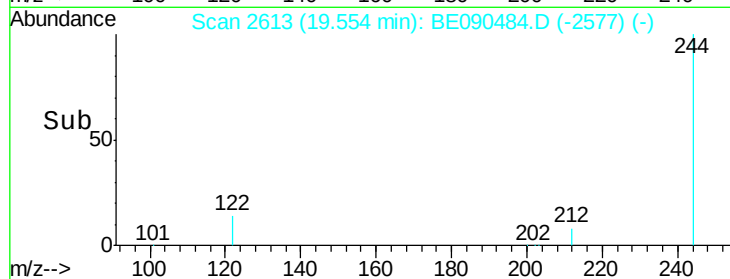
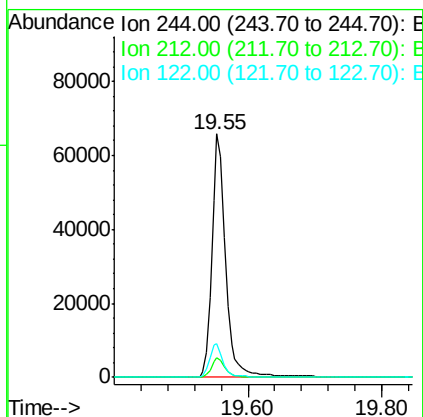
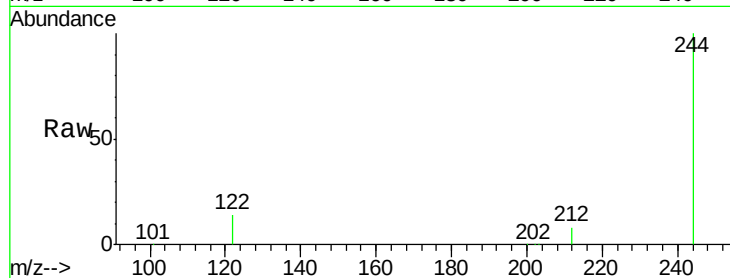




#27
 Terphenyl-d14
 Concen: 4.69 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BE090484.D
 Acq: 13 Aug 2015 1:23

Instrument :
 BNA_E
 ClientSampleId :
 PB84969BL

Tgt Ion: 244 Resp: 93258
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 13.6 10.2 15.4



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: BE090484.D
 Acq: 13 Aug 2015 1:23

Tgt Ion: 264 Resp: 120915
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.1 30.1
 265 22.0 17.2 25.8

