

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082515\
 Data File : BE090629.D
 Acq On : 26 Aug 2015 00:35
 Operator : UM/IZ
 Sample : G3401-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 082415-D534-E-D-B

Quant Time: Aug 26 04:18:30 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	14006	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	59519	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	35035	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	94048	5.00	ng	0.00
25) Chrysene-d12	21.09	240	107203	5.00	ng	0.00
32) Perylene-d12	23.39	264	91843	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	10936	2.70	ng	0.00
5) Phenol-d6	6.78	99	7519	1.26	ng	0.00
7) Nitrobenzene-d5	8.74	82	17009	3.59	ng	0.01
13) 2,4,6-Tribromophenol	15.71	330	11836	8.78	ng	0.00
14) 2-Fluorobiphenyl	12.83	172	37385	3.57	ng	0.01
27) Terphenyl-d14	19.55	244	81821	4.17	ng	0.00

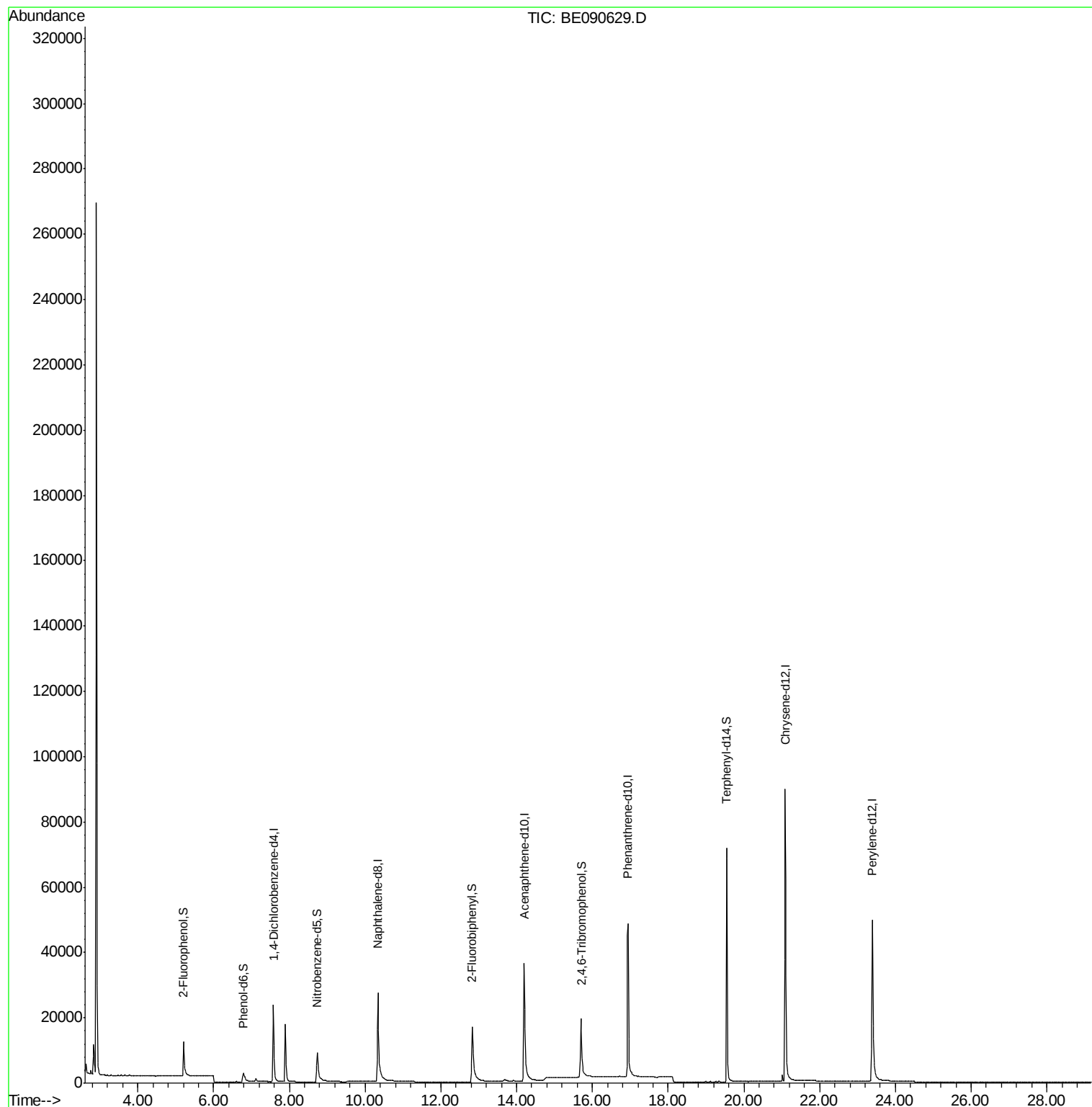
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 844

Delta R.T. -0.00 min

Lab File: BE090629.D

Acq: 26 Aug 2015 00:35

Instrument :

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ClientSampleId :

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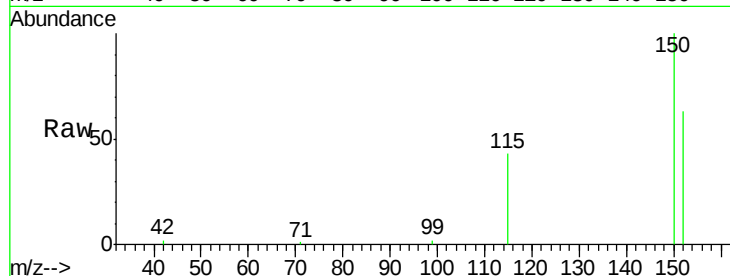
Tgt Ion:152 Resp: 14006

Ion Ratio Lower Upper

152 100

150 159.0 123.0 184.4

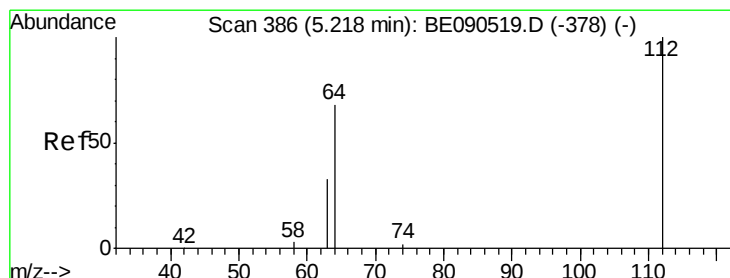
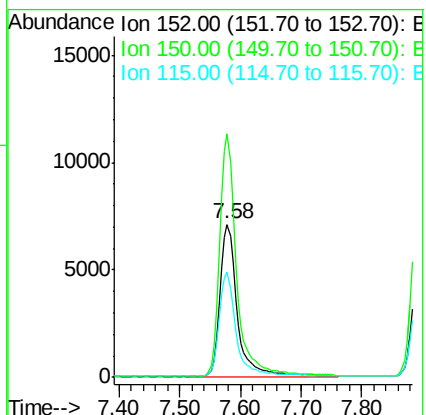
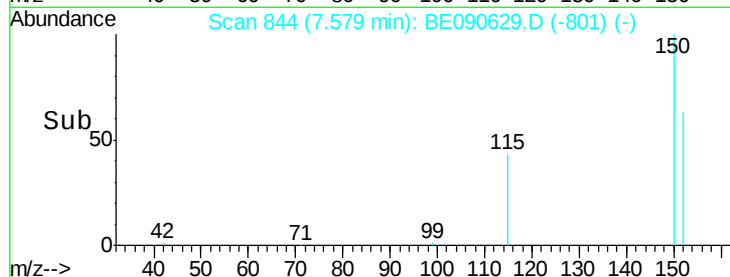
115 68.4 48.9 73.3



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: 2.70 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090629.D

Acq: 26 Aug 2015 00:35

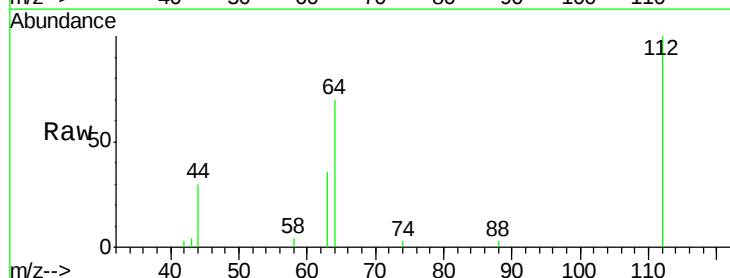
Tgt Ion:112 Resp: 10936

Ion Ratio Lower Upper

112 100

64 70.0 37.1 55.7#

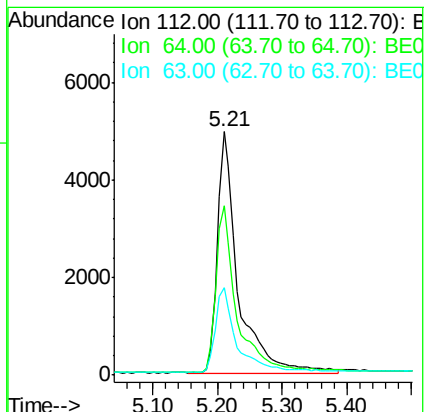
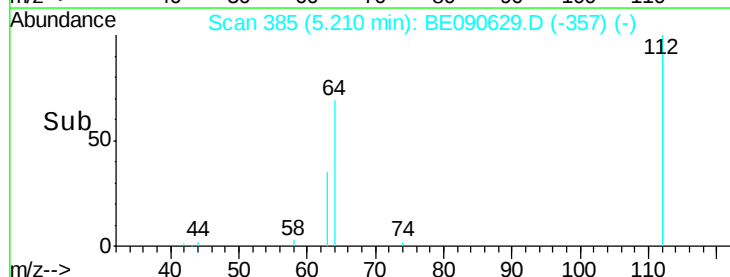
63 36.2 19.5 29.3#

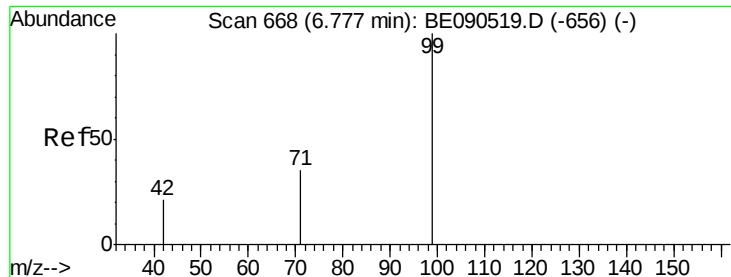


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.26 ng

RT: 6.78 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE090629.D

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Instrument :

BNA_E

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082415-D534-E-D-B

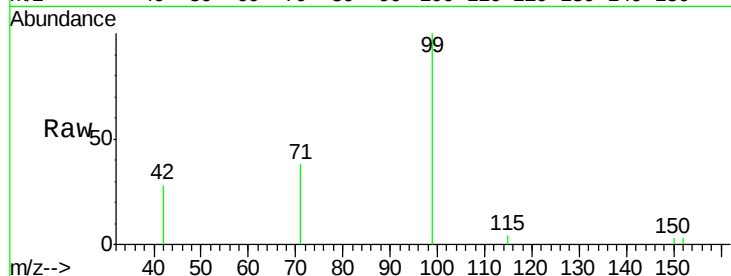
Tgt Ion: 99 Resp: 7519

Ion Ratio Lower Upper

99 100

42 20.6 18.2 27.4

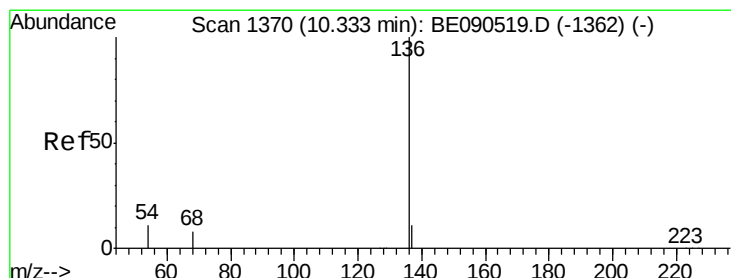
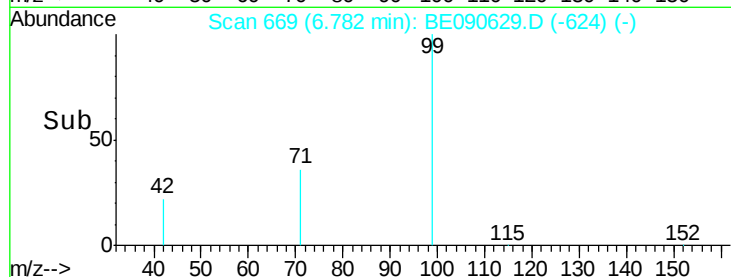
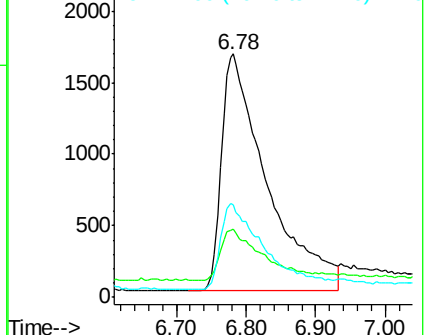
71 35.7 27.4 41.0



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



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BE090629.D

Acq: 26 Aug 2015 00:35

Tgt Ion: 136 Resp: 59519

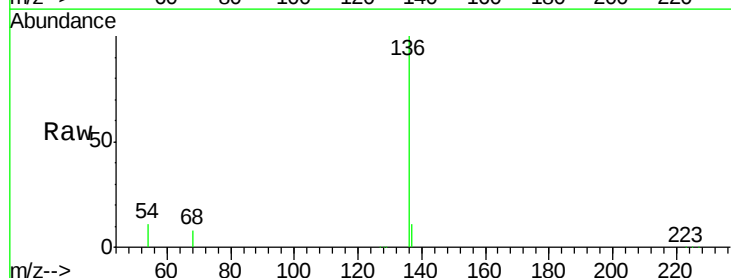
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.6 9.4 14.0

68 7.7 6.5 9.7

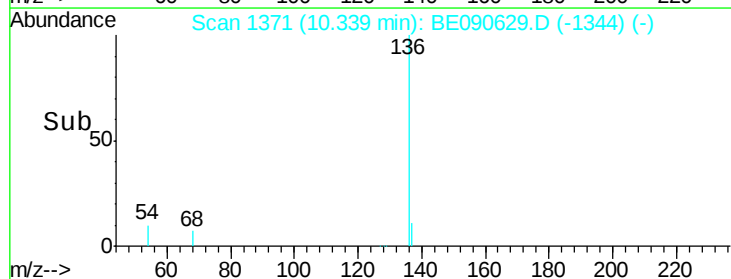
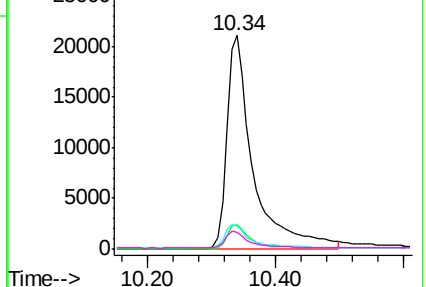


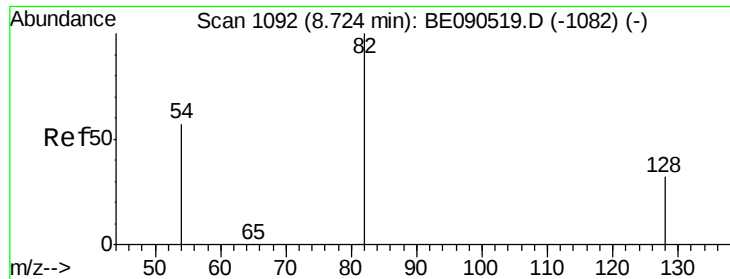
Abundance Ion 136.00 (135.70 to 136.70): E

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





#7

Nitrobenzene-d5

Concen: 3.59 ng

RT: 8.74 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BE090629.D

Acq: 26 Aug 2015 00:35

Instrument :

BNA_E

ClientSampleId :

082415-D534-E-D-B

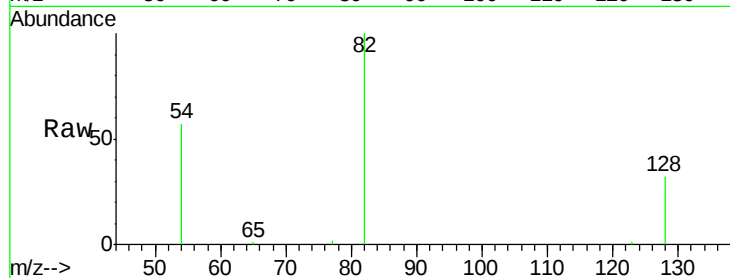
Tgt Ion: 82 Resp: 17009

Ion Ratio Lower Upper

82 100

128 32.0 25.0 37.6

54 56.7 48.8 73.2



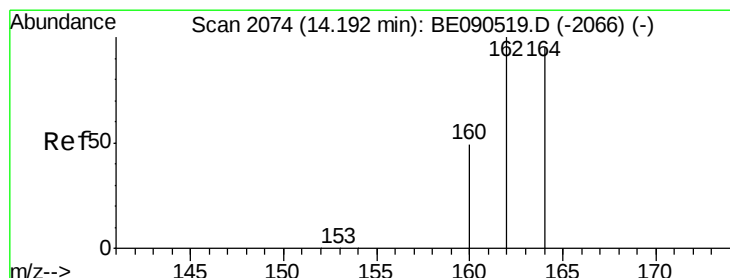
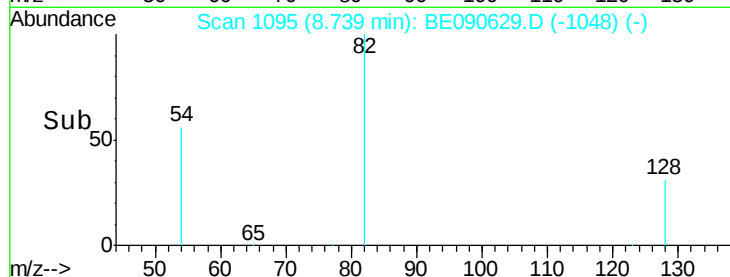
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

8.74

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. 0.01 min

Lab File: BE090629.D

Acq: 26 Aug 2015 00:35

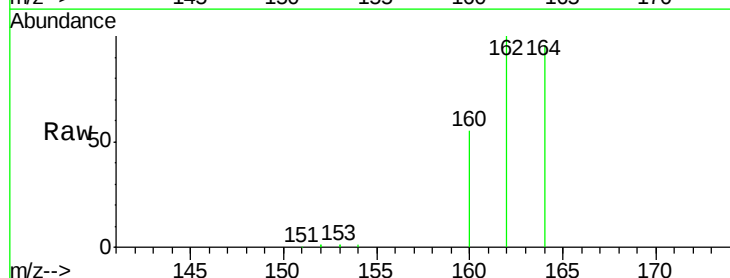
Tgt Ion: 164 Resp: 35035

Ion Ratio Lower Upper

164 100

162 104.1 81.8 122.8

160 56.9 44.2 66.4



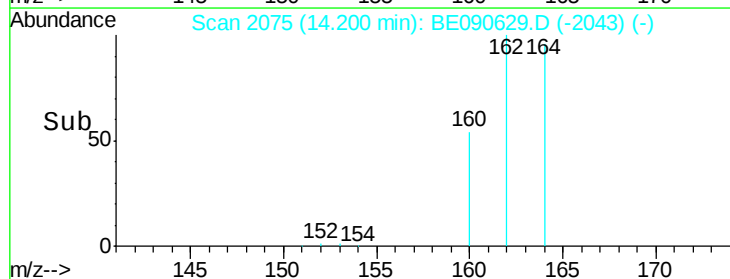
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.20

Time-->

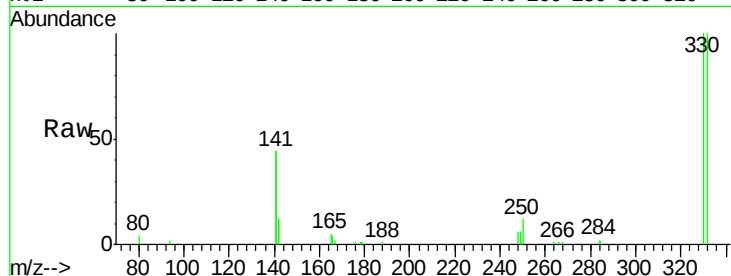




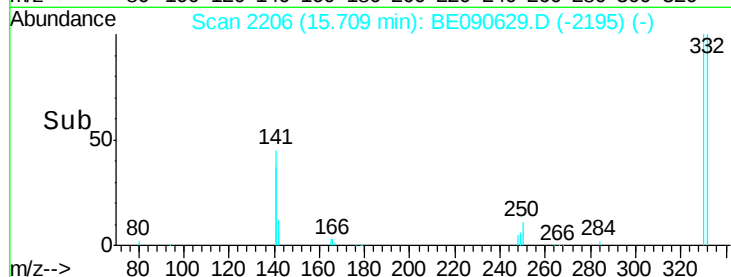
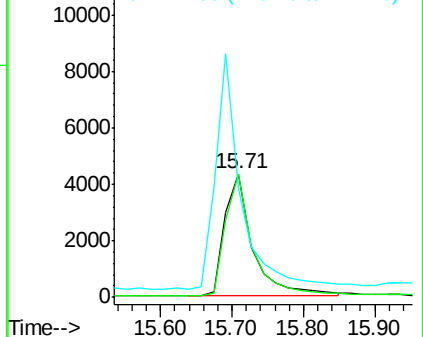
#13
 2,4,6-Tribromophenol
 Concen: 8.78 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BE090629.D
 Acq: 26 Aug 2015 00:35

Instrument :
 BNA_E
 ClientSampleId :
 082415-D534-E-D-B

Tgt Ion:330 Resp: 11836
 Ion Ratio Lower Upper
 330 100
 332 97.6 75.8 113.6
 141 178.0 114.4 171.6#

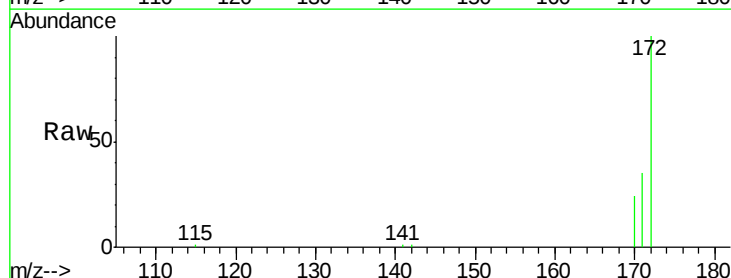


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

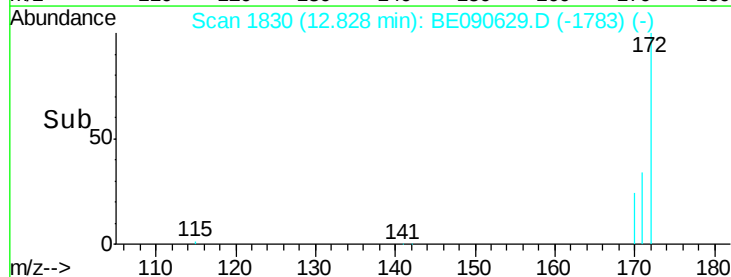
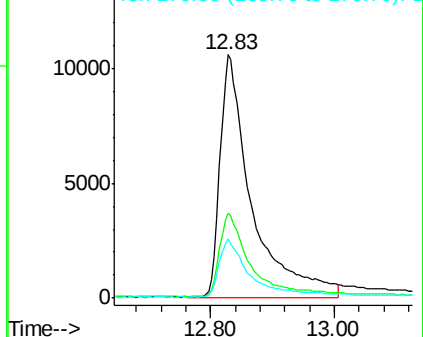


#14
 2-Fluorobiphenyl
 Concen: 3.57 ng
 RT: 12.83 min Scan# 1830
 Delta R.T. 0.01 min
 Lab File: BE090629.D
 Acq: 26 Aug 2015 00:35

Tgt Ion:172 Resp: 37385
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 24.2 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: BE090629.D

Acq: 26 Aug 2015 00:35

Instrument :

BNA_E

ClientSampleId :

082415-D534-E-D-B

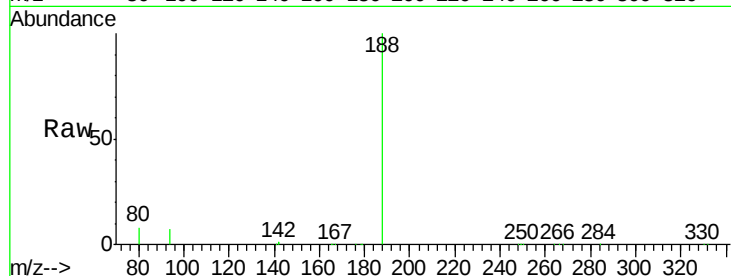
Tgt Ion:188 Resp: 94048

Ion Ratio Lower Upper

188 100

94 7.3 5.7 8.5

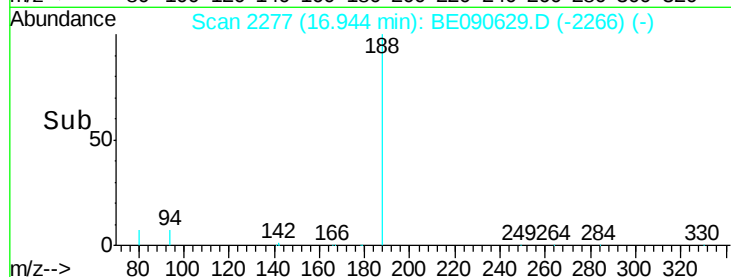
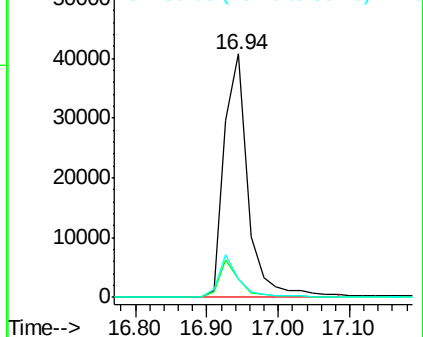
80 7.6 5.8 8.8



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# 2864

Delta R.T. 0.00 min

Lab File: BE090629.D

Acq: 26 Aug 2015 00:35

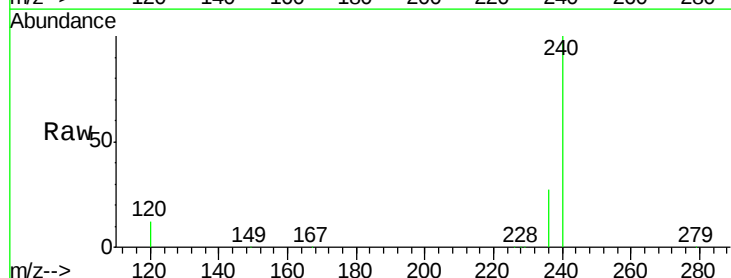
Tgt Ion:240 Resp: 107203

Ion Ratio Lower Upper

240 100

120 12.2 8.3 12.5

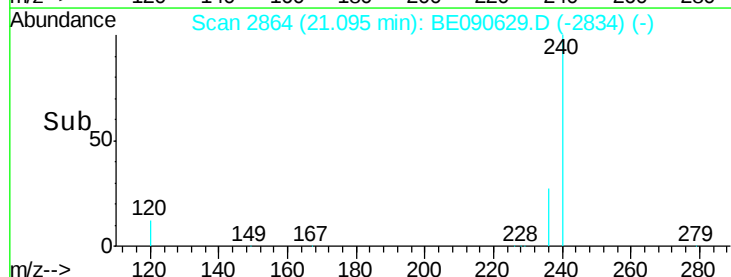
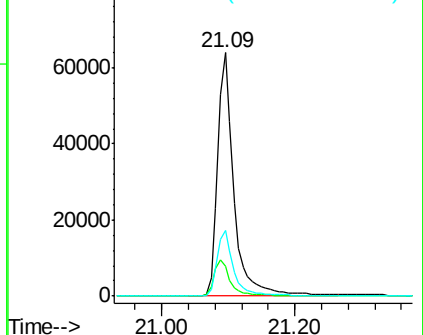
236 27.1 21.0 31.4

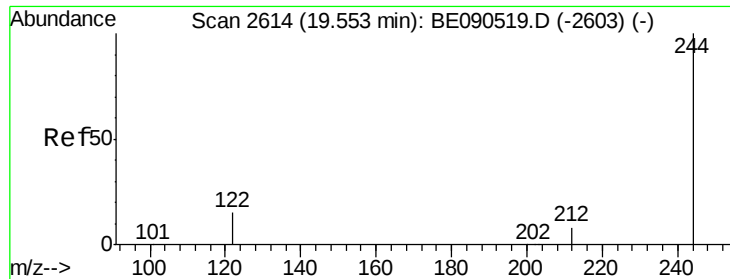


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

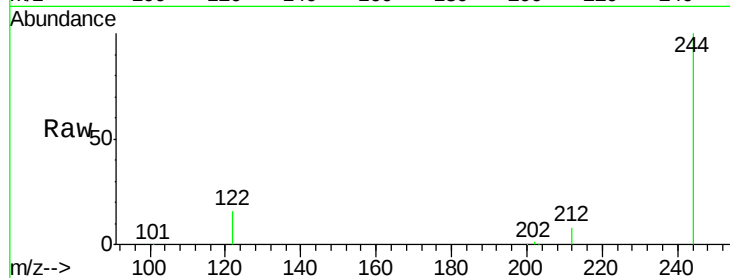




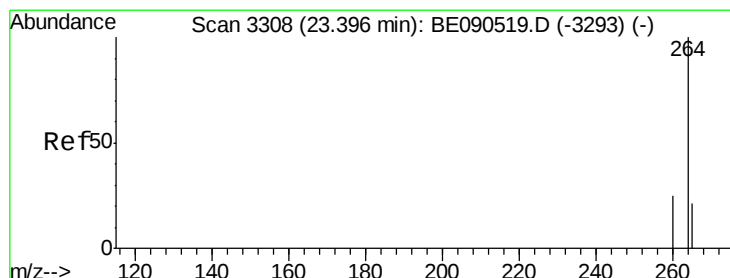
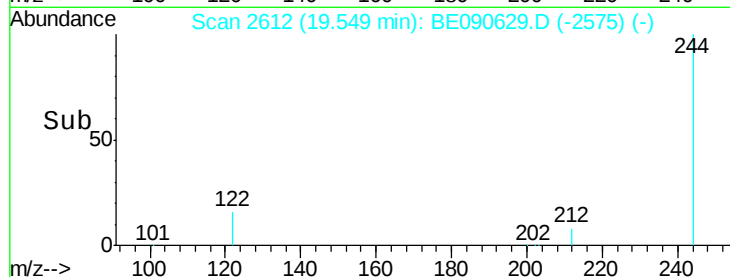
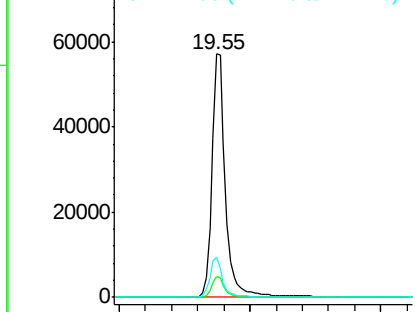
#27
 Terphenyl-d14
 Concen: 4.17 ng
 RT: 19.55 min Scan# 2612
 Delta R.T. -0.00 min
 Lab File: BE090629.D
 Acq: 26 Aug 2015 00:35

Instrument :
 BNA_E
 ClientSampleId :
 082415-D534-E-D-B

Tgt Ion:244 Resp: 81821
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 9.8
 122 16.4 10.2 15.4#

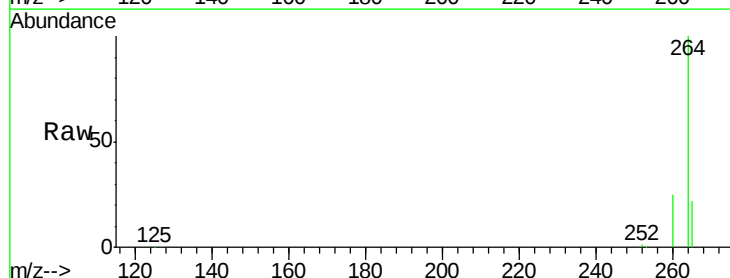


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.39 min Scan# 3306
 Delta R.T. -0.00 min
 Lab File: BE090629.D
 Acq: 26 Aug 2015 00:35

Tgt Ion:264 Resp: 91843
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.1 30.1
 265 21.9 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

