

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091715\
 Data File : BE090871.D
 Acq On : 17 Sep 2015 19:05
 Operator : UM/IZ
 Sample : G3699-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091515-D549-F-U-B

Quant Time: Sep 18 03:43:12 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 11:40:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	33029	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	150118	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	79971	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	194746	5.00	ng	0.00
25) Chrysene-d12	21.07	240	223897	5.00	ng	0.00
32) Perylene-d12	23.35	264	203050	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	26795	4.17	ng	0.00
5) Phenol-d6	6.75	99	21765	2.37	ng	0.00
7) Nitrobenzene-d5	8.71	82	38759	3.91	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	19337	8.23	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	89986	4.06	ng	0.00
27) Terphenyl-d14	19.53	244	146149	5.90	ng	-0.01

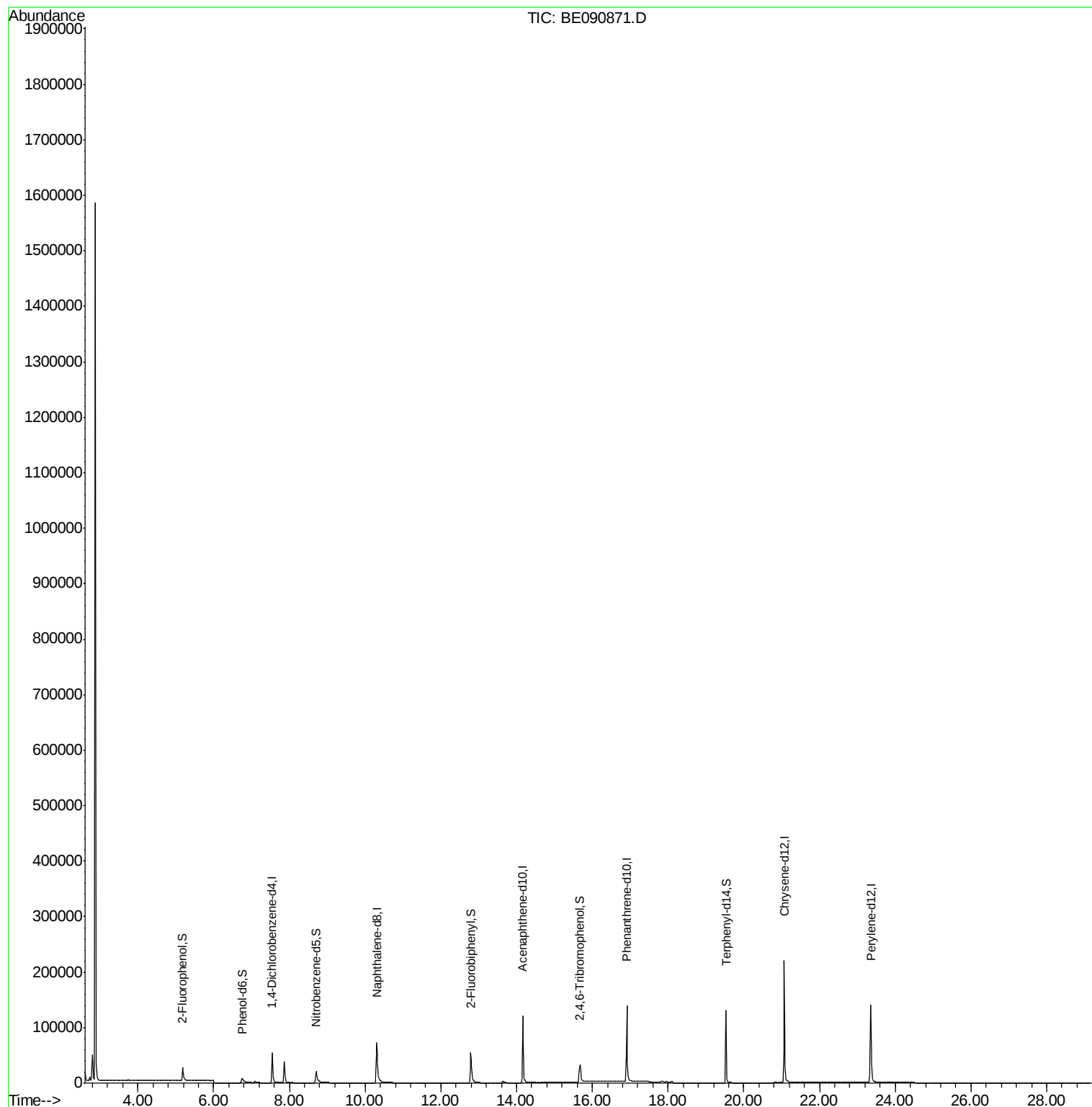
Target Compounds	Qvalue
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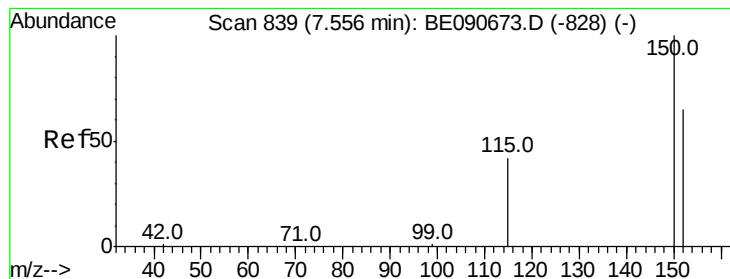
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 837

Delta R.T. -0.01 min

Lab File: BE090871.D

Acq: 17 Sep 2015 19:05

Instrument :

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ClientSampleId :

091515-D549-F-U-B

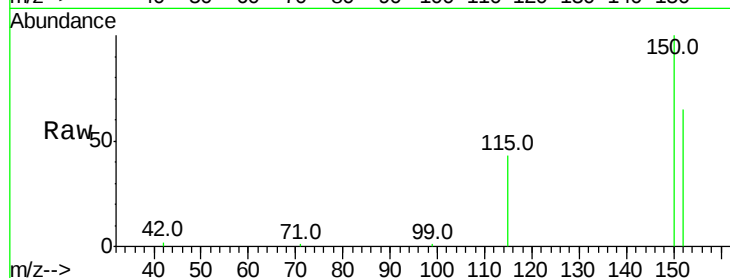
Tgt Ion:152 Resp: 33029

Ion Ratio Lower Upper

152 100

150 154.4 122.2 183.4

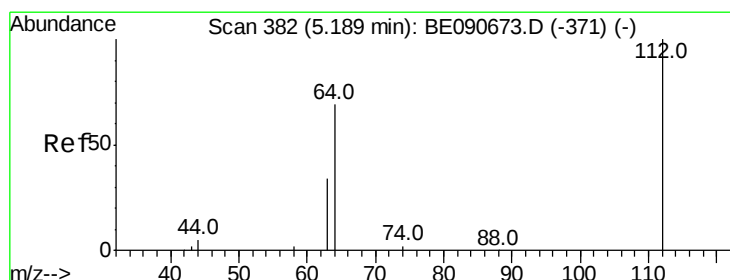
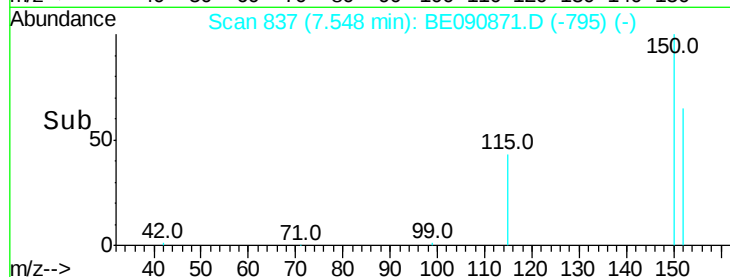
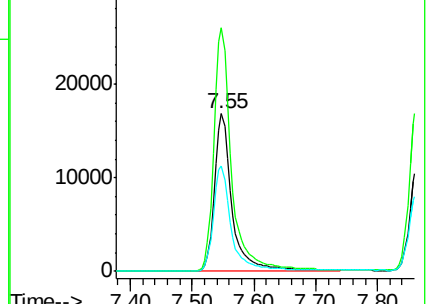
115 66.9 51.0 76.4



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: 4.17 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE090871.D

Acq: 17 Sep 2015 19:05

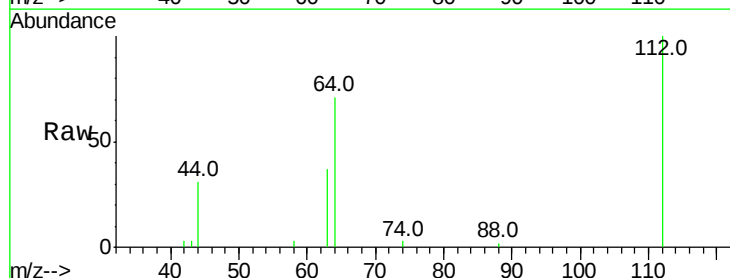
Tgt Ion:112 Resp: 26795

Ion Ratio Lower Upper

112 100

64 72.5 57.3 85.9

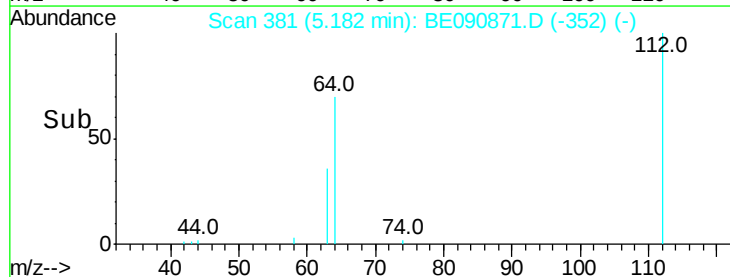
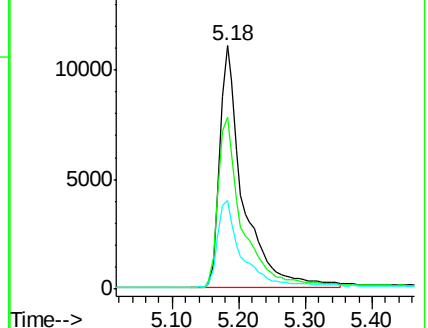
63 36.7 29.2 43.8

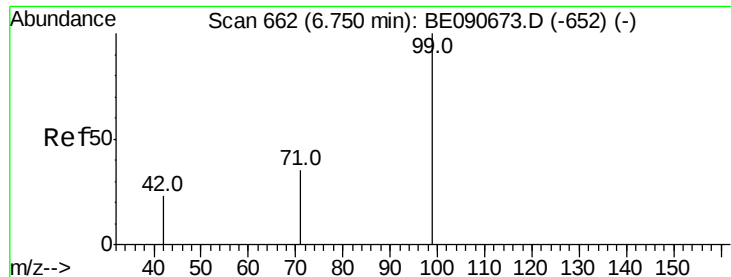


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.37 ng

RT: 6.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BE090871.D

Acq: 17 Sep 2015 19:05

Instrument :

BNA_E

ClientSampleId :

091515-D549-F-U-B

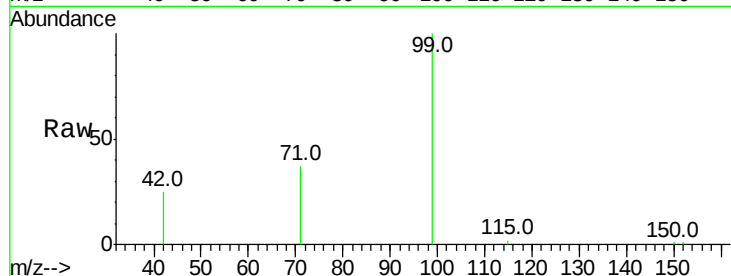
Tgt Ion: 99 Resp: 21765

Ion Ratio Lower Upper

99 100

42 21.2 16.8 25.2

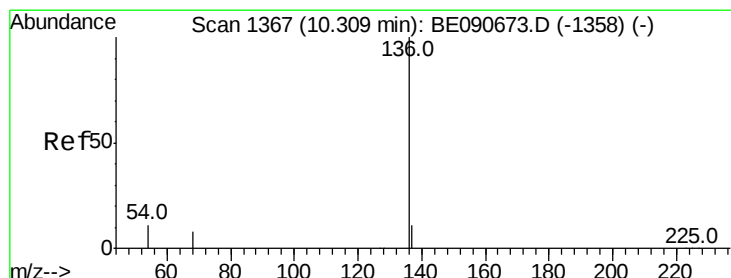
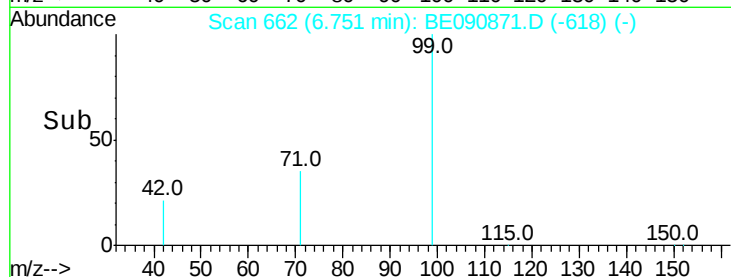
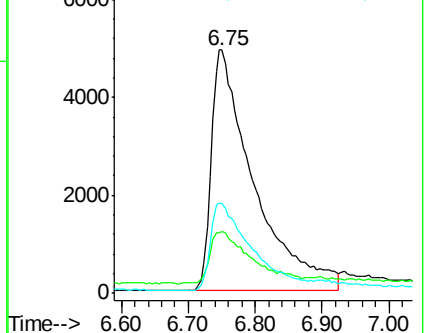
71 35.2 28.3 42.5



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: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090871.D

Acq: 17 Sep 2015 19:05

Tgt Ion: 136 Resp: 150118

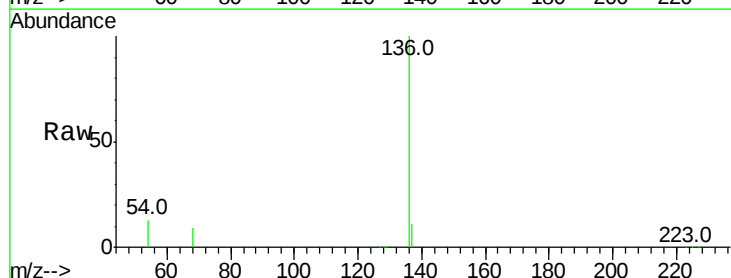
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 13.0 9.0 13.6

68 9.2 6.3 9.5

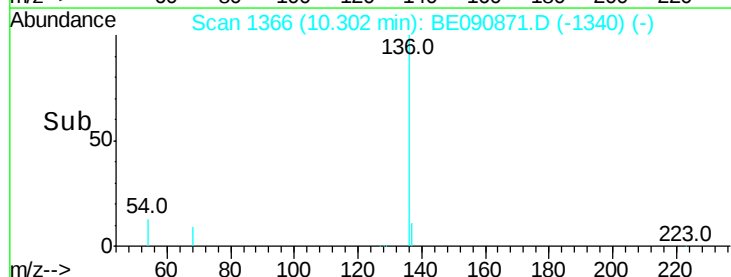
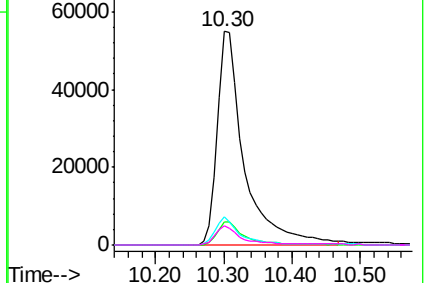


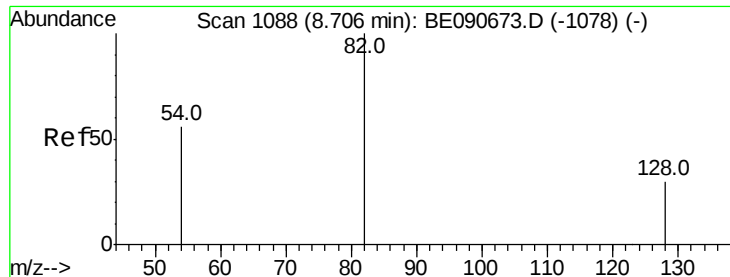
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.91 ng

RT: 8.71 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BE090871.D

Acq: 17 Sep 2015 19:05

Instrument :

BNA_E

ClientSampleId :

091515-D549-F-U-B

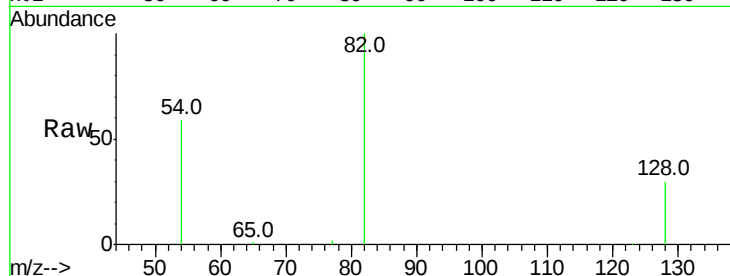
Tgt Ion: 82 Resp: 38759

Ion Ratio Lower Upper

82 100

128 29.5 25.0 37.4

54 58.8 46.3 69.5

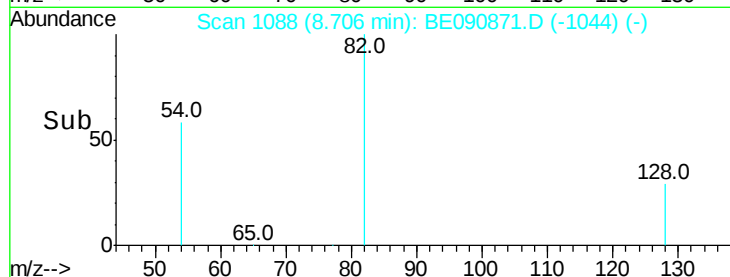


Abundance Ion 82.00 (81.70 to 82.70): BE090871.D (-1044) (-)

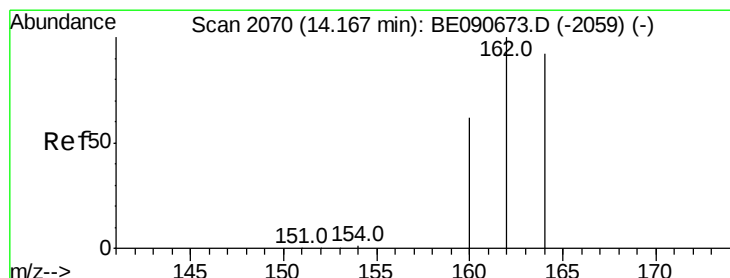
Ion 128.00 (127.70 to 128.70): BE090871.D (-1044) (-)

Ion 54.00 (53.70 to 54.70): BE090871.D (-1044) (-)

Time-->



Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090871.D

Acq: 17 Sep 2015 19:05

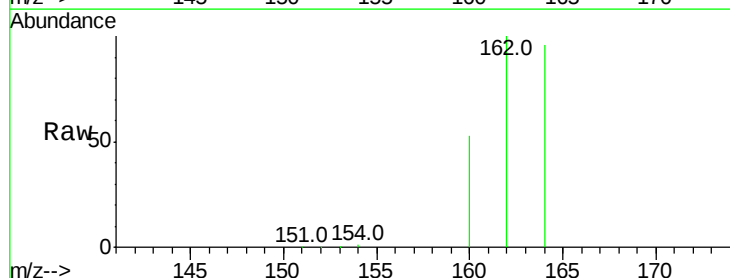
Tgt Ion: 164 Resp: 79971

Ion Ratio Lower Upper

164 100

162 104.0 86.8 130.2

160 55.3 53.9 80.9

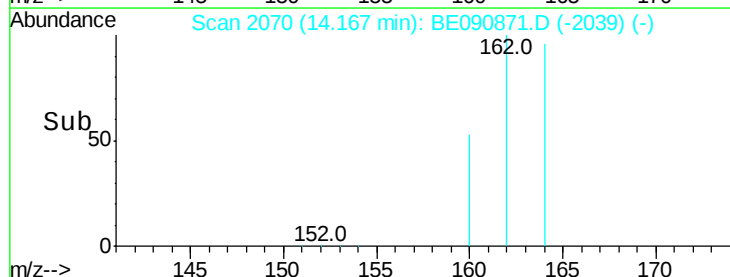


Abundance Ion 164.00 (163.70 to 164.70): BE090871.D (-2039) (-)

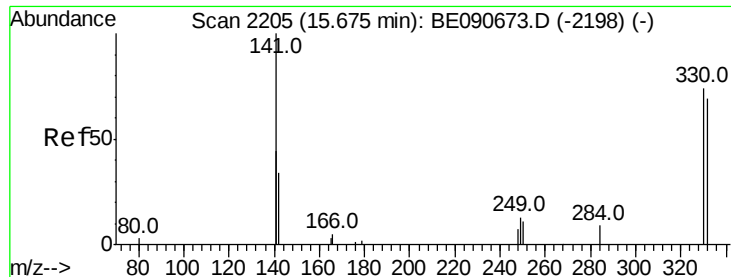
Ion 162.00 (161.70 to 162.70): BE090871.D (-2039) (-)

Ion 160.00 (159.70 to 160.70): BE090871.D (-2039) (-)

Time-->



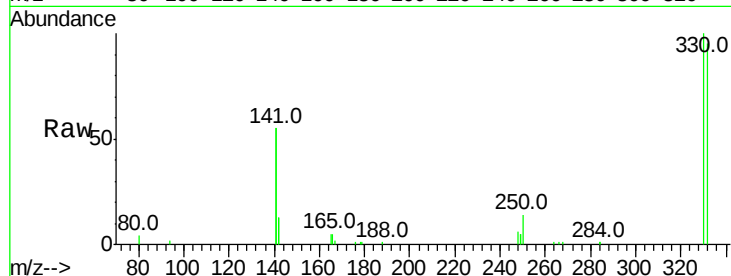
Time-->



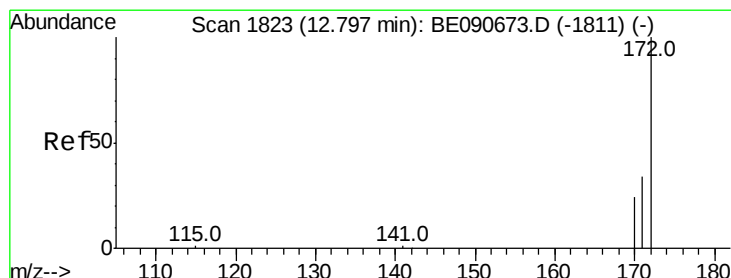
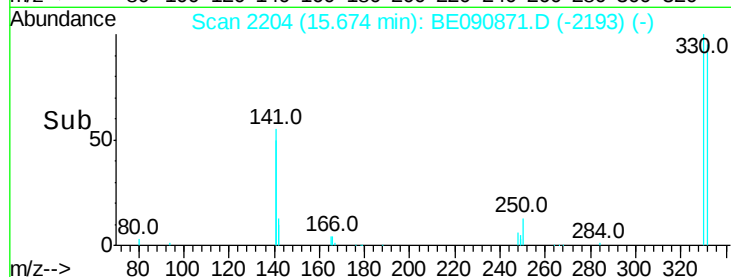
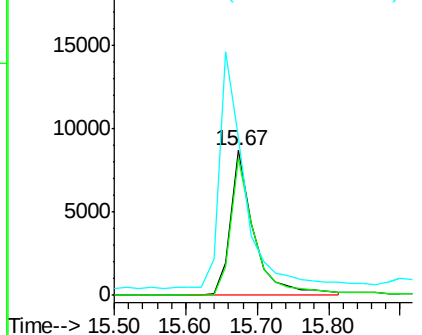
#13
 2,4,6-Tribromophenol
 Concen: 8.23 ng
 RT: 15.67 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE090871.D
 Acq: 17 Sep 2015 19:05

Instrument :
 BNA_E
 ClientSampleId :
 091515-D549-F-U-B

Tgt Ion: 330 Resp: 19337
 Ion Ratio Lower Upper
 330 100
 332 95.9 74.9 112.3
 141 179.9 145.2 217.8

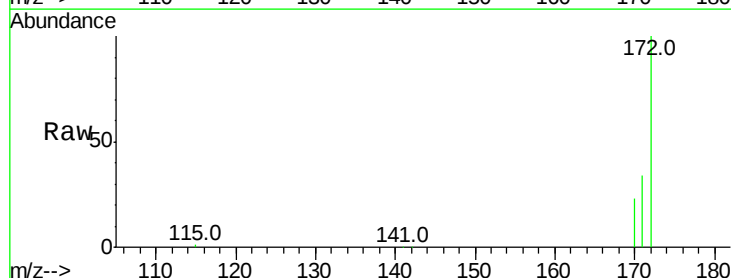


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

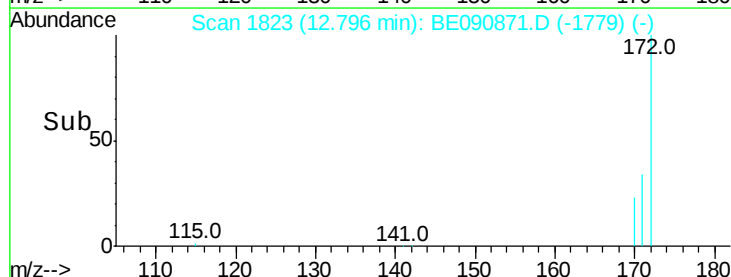
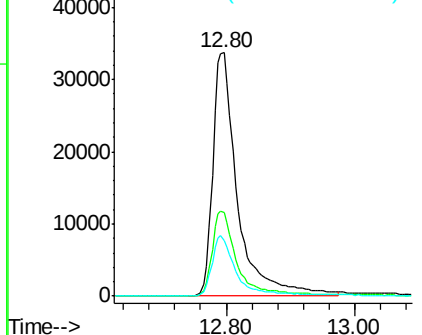


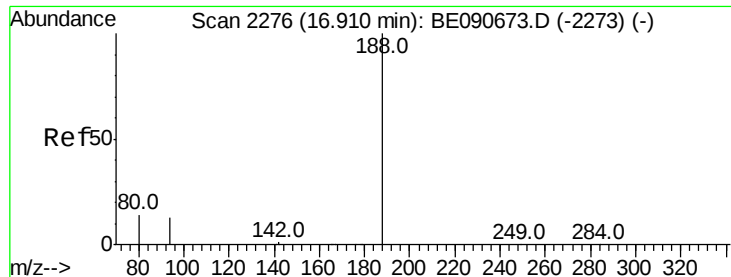
#14
 2-Fluorobiphenyl
 Concen: 4.06 ng
 RT: 12.80 min Scan# 1823
 Delta R.T. -0.00 min
 Lab File: BE090871.D
 Acq: 17 Sep 2015 19:05

Tgt Ion: 172 Resp: 89986
 Ion Ratio Lower Upper
 172 100
 171 34.1 27.8 41.8
 170 22.7 19.8 29.6



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: 16.91 min Scan# 2275

Delta R.T. -0.00 min

Lab File: BE090871.D

Acq: 17 Sep 2015 19:05

Instrument :

BNA_E

ClientSampleId :

091515-D549-F-U-B

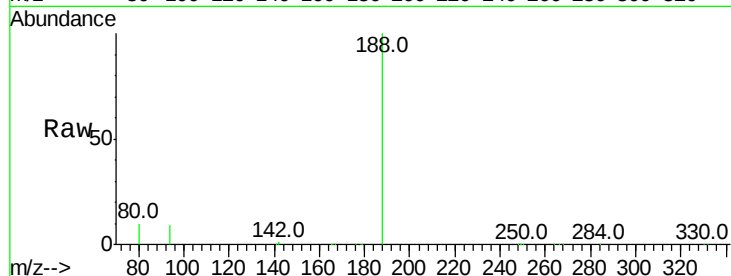
Tgt Ion:188 Resp: 194746

Ion Ratio Lower Upper

188 100

94 9.0 10.3 15.5#

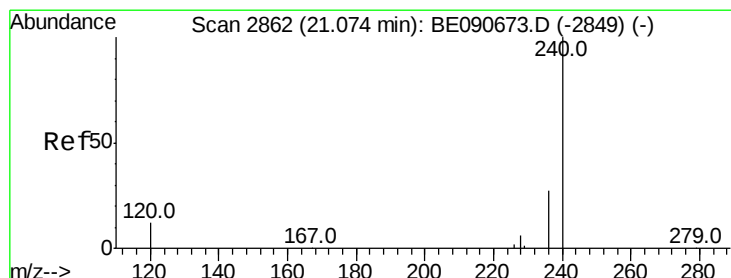
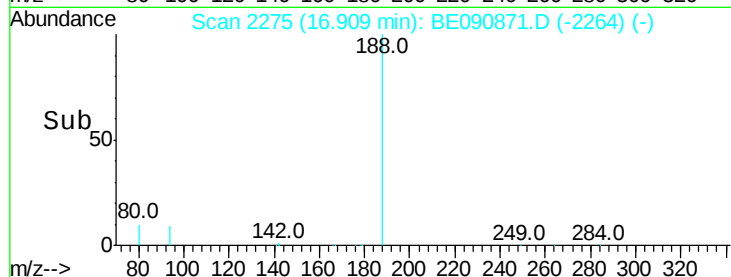
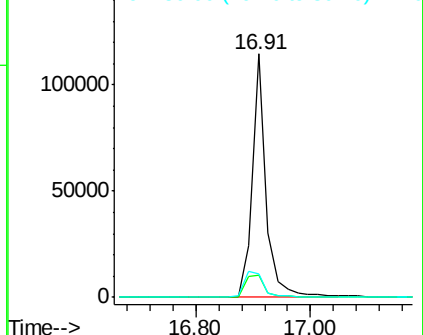
80 9.7 11.0 16.6#



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



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BE090871.D

Acq: 17 Sep 2015 19:05

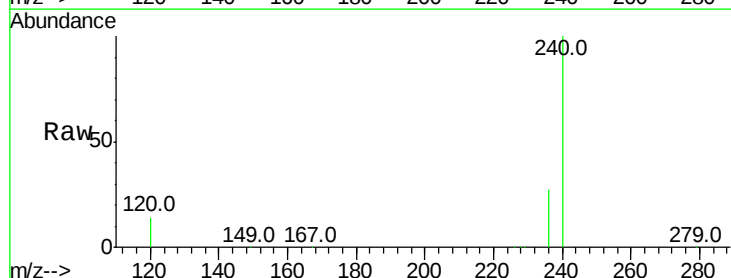
Tgt Ion:240 Resp: 223897

Ion Ratio Lower Upper

240 100

120 13.6 10.1 15.1

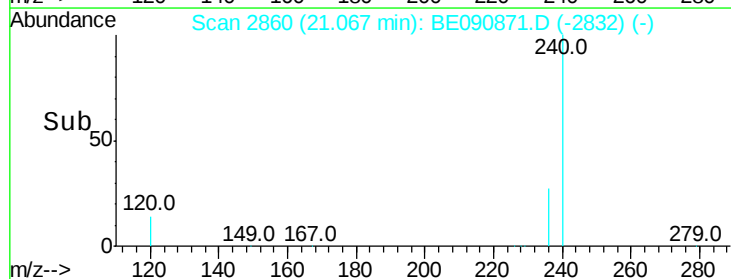
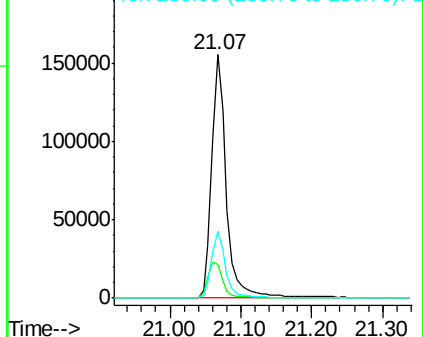
236 27.5 21.9 32.9

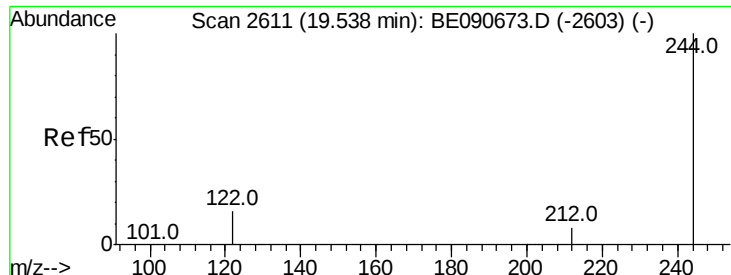


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

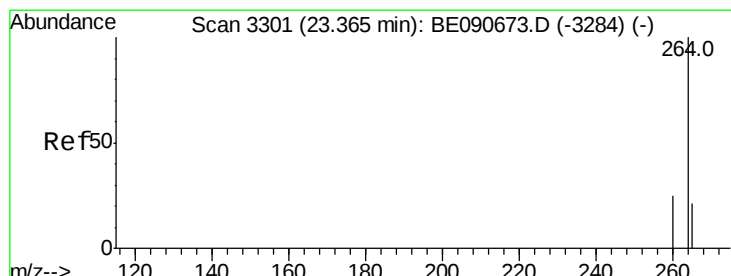
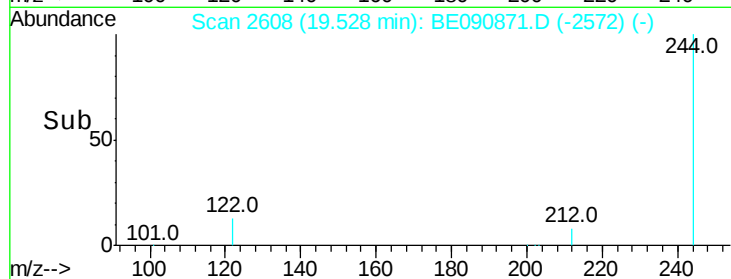
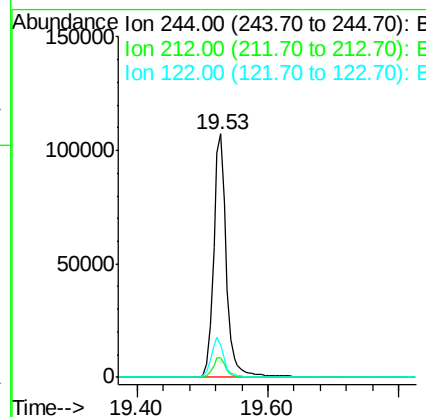
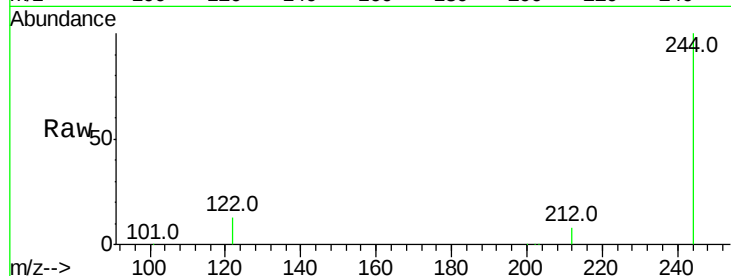




#27
 Terphenyl-d14
 Concen: 5.90 ng
 RT: 19.53 min Scan# 2608
 Delta R.T. -0.01 min
 Lab File: BE090871.D
 Acq: 17 Sep 2015 19:05

Instrument :
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 091515-D549-F-U-B

Tgt Ion:244 Resp: 146149
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 13.1 12.9 19.3



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.35 min Scan# 3297
 Delta R.T. -0.01 min
 Lab File: BE090871.D
 Acq: 17 Sep 2015 19:05

Tgt Ion:264 Resp: 203050
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.7 29.5
 265 22.0 17.5 26.3

