

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091715\
 Data File : BE090866.D
 Acq On : 17 Sep 2015 16:03
 Operator : UM/IZ
 Sample : G3698-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091515-D534-E-D-S

Quant Time: Sep 18 02:10:15 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	32711	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	146994	5.00	ng	0.00
12) Acenaphthene-d10	14.16	164	79345	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	190003	5.00	ng	0.00
25) Chrysene-d12	21.07	240	236417	5.00	ng	0.00
32) Perylene-d12	23.35	264	217796	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	26006	4.09	ng	0.00
5) Phenol-d6	6.75	99	21054	2.31	ng	0.00
7) Nitrobenzene-d5	8.71	82	34405	3.54	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	18178	7.81	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	78597	3.58	ng	0.00
27) Terphenyl-d14	19.52	244	142936	5.46	ng	-0.02

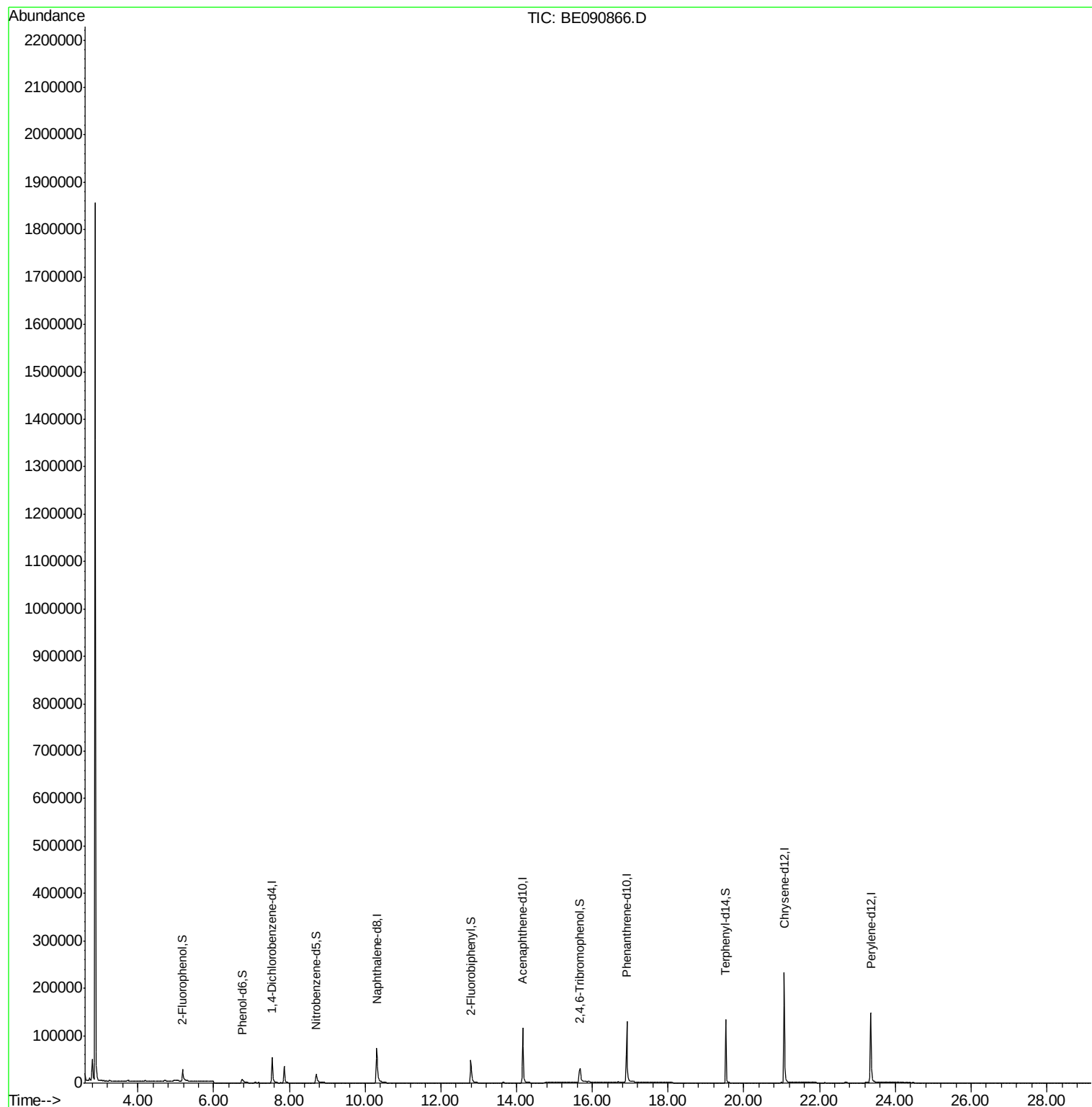
Target Compounds	Qvalue
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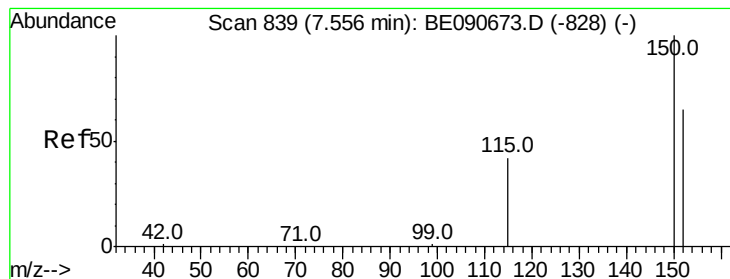
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE090866.D

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ClientSampleId :

091515-D534-E-D-S

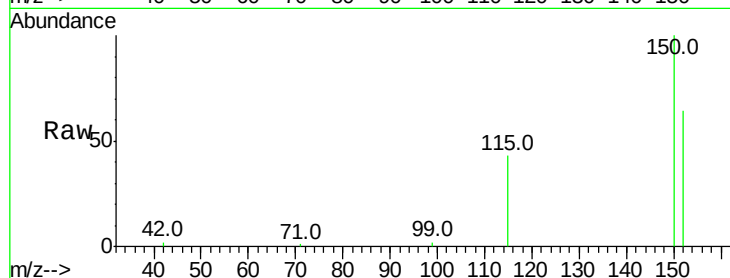
Tgt Ion:152 Resp: 32711

Ion Ratio Lower Upper

152 100

150 155.4 122.2 183.4

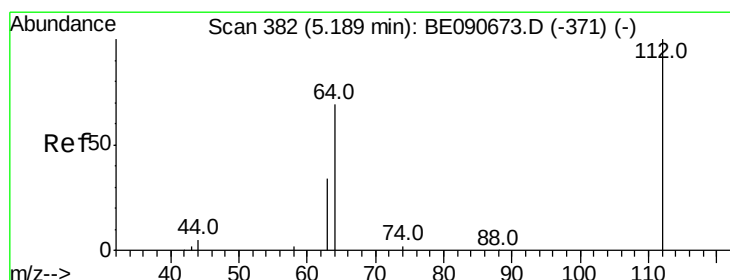
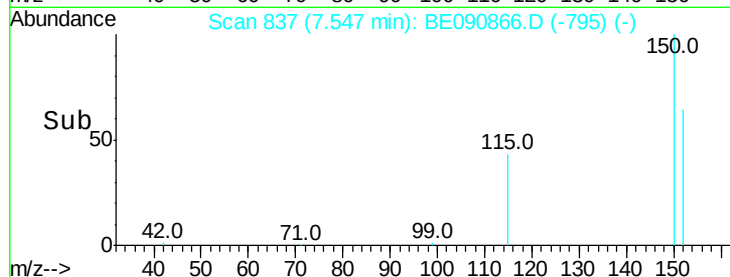
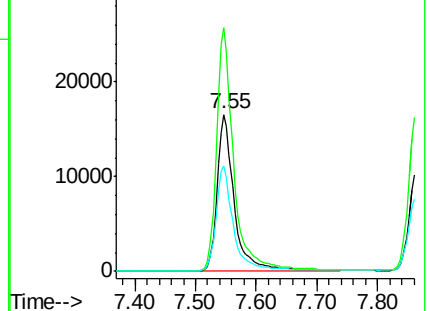
115 67.4 51.0 76.4



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: 4.09 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.00 min

Lab File: BE090866.D

Acq: 17 Sep 2015 16:03

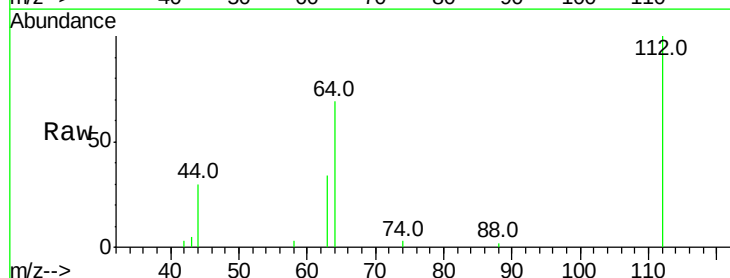
Tgt Ion:112 Resp: 26006

Ion Ratio Lower Upper

112 100

64 72.9 57.3 85.9

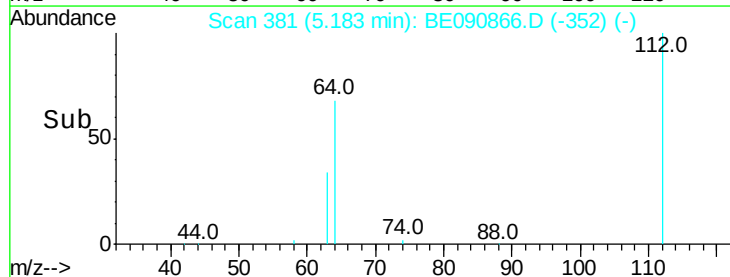
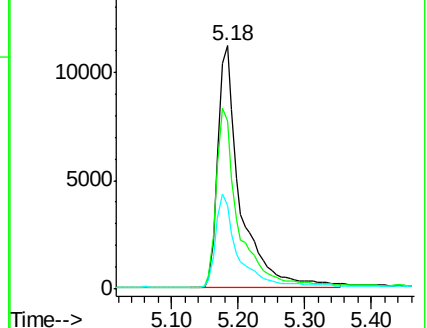
63 37.5 29.2 43.8

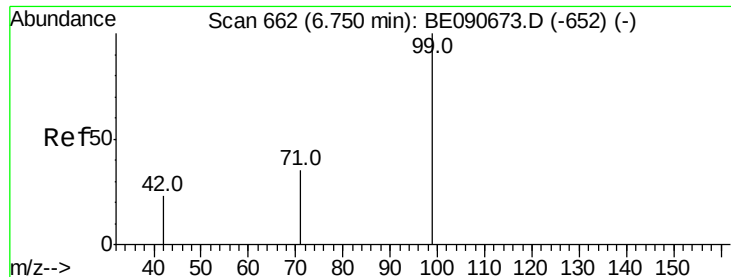


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.31 ng

RT: 6.75 min Scan# 662

Delta R.T. -0.00 min

Lab File: BE090866.D

Acq: 17 Sep 2015 16:03

Instrument :

BNA_E

ClientSampleId :

091515-D534-E-D-S

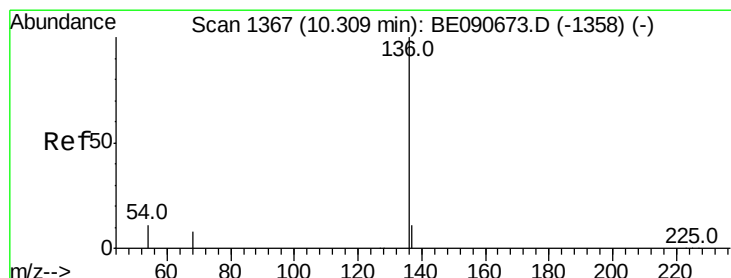
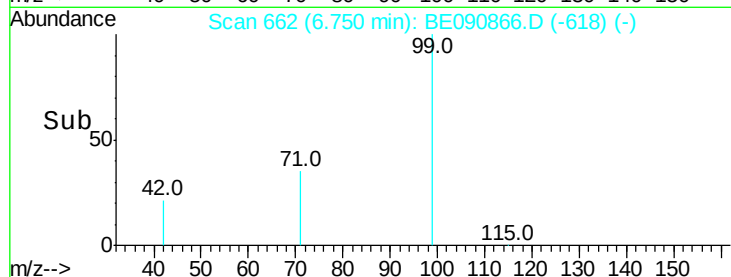
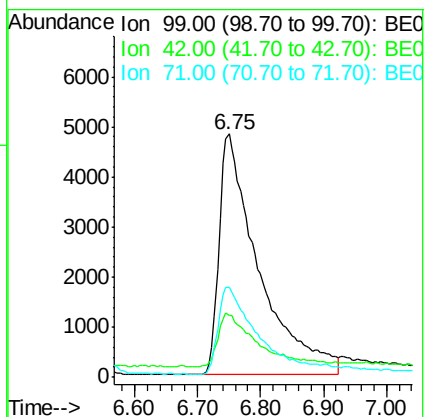
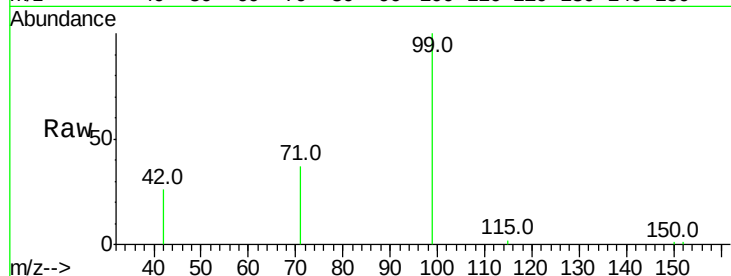
Tgt Ion: 99 Resp: 21054

Ion Ratio Lower Upper

99 100

42 22.2 16.8 25.2

71 35.6 28.3 42.5



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090866.D

Acq: 17 Sep 2015 16:03

Tgt Ion: 136 Resp: 146994

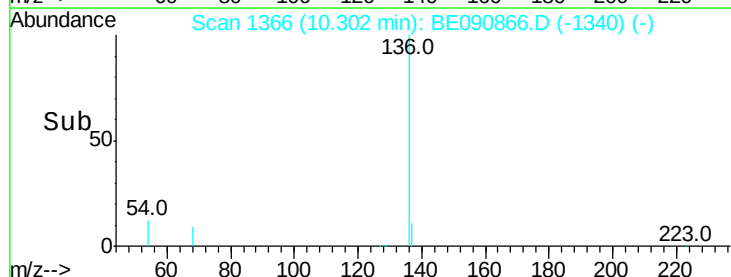
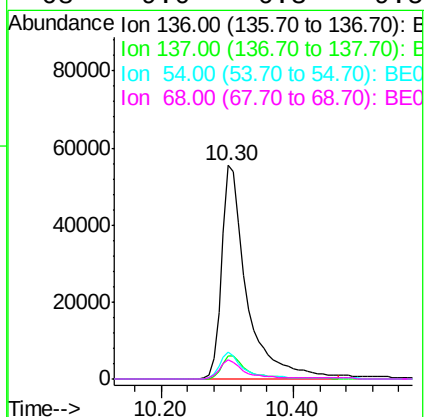
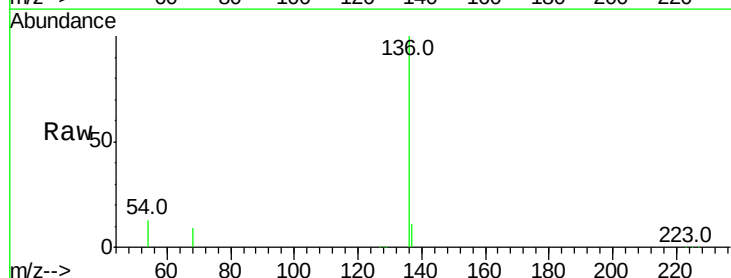
Ion Ratio Lower Upper

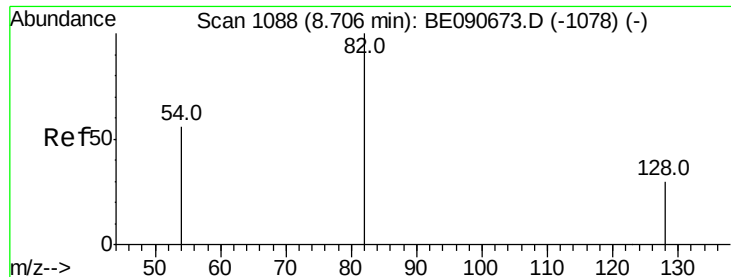
136 100

137 10.8 8.7 13.1

54 12.6 9.0 13.6

68 9.0 6.3 9.5





#7

Nitrobenzene-d5

Concen: 3.54 ng

RT: 8.71 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BE090866.D

Acq: 17 Sep 2015 16:03

Instrument :

BNA_E

ClientSampleId :

091515-D534-E-D-S

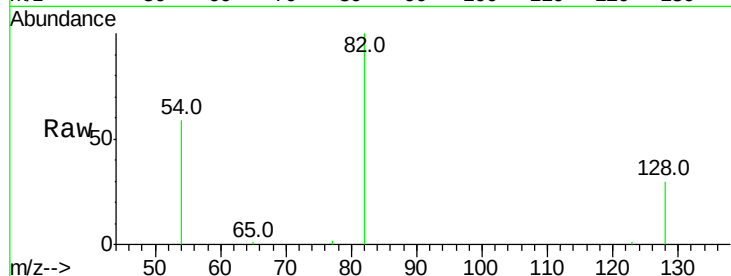
Tgt Ion: 82 Resp: 34405

Ion Ratio Lower Upper

82 100

128 29.8 25.0 37.4

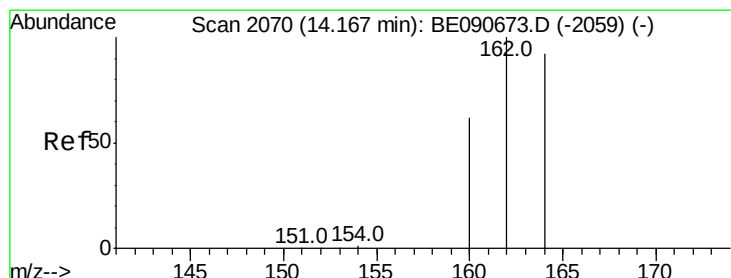
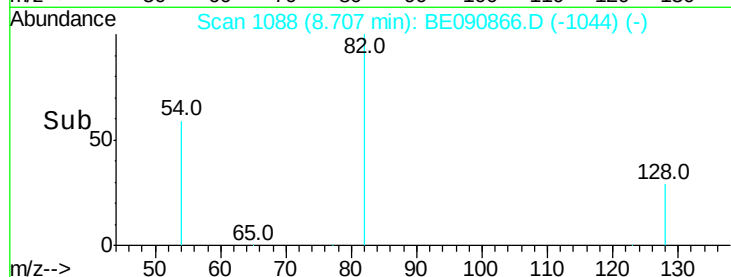
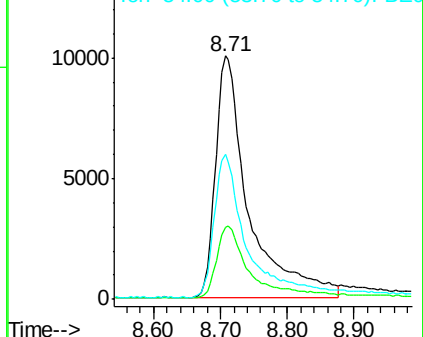
54 59.3 46.3 69.5



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.16 min Scan# 2069

Delta R.T. -0.01 min

Lab File: BE090866.D

Acq: 17 Sep 2015 16:03

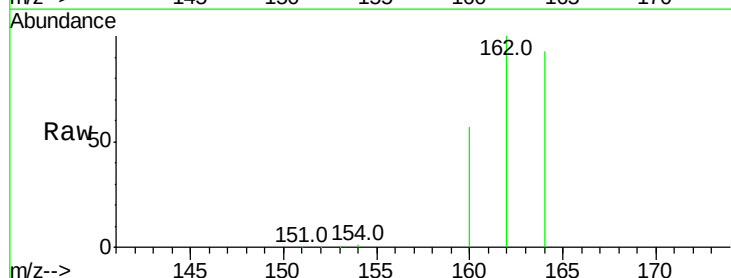
Tgt Ion: 164 Resp: 79345

Ion Ratio Lower Upper

164 100

162 107.4 86.8 130.2

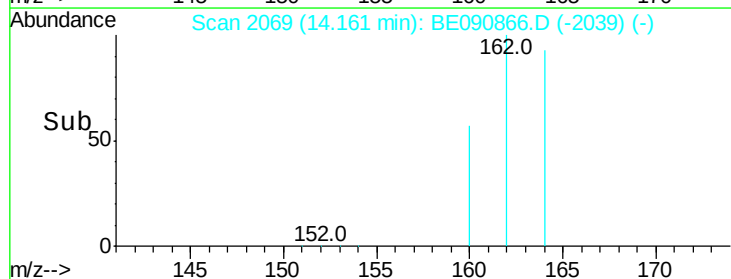
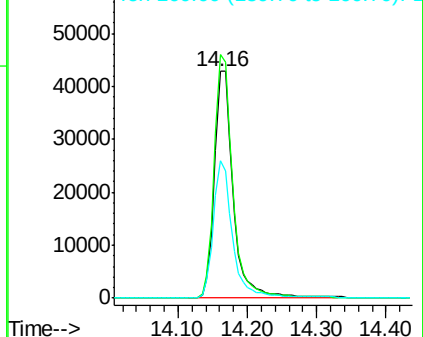
160 60.8 53.9 80.9

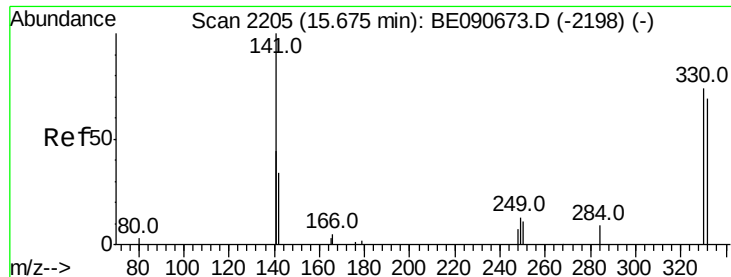


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

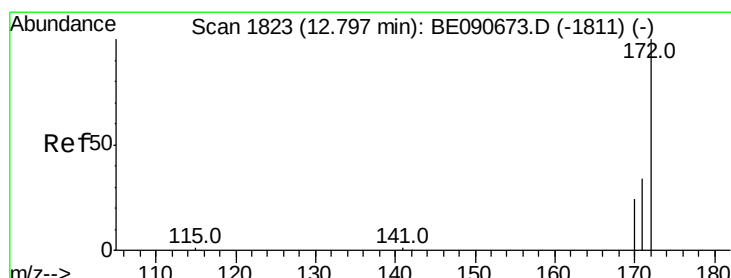
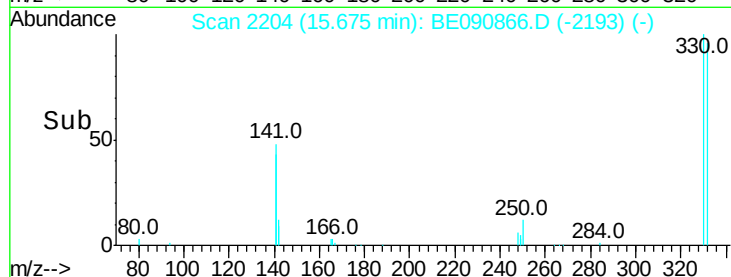
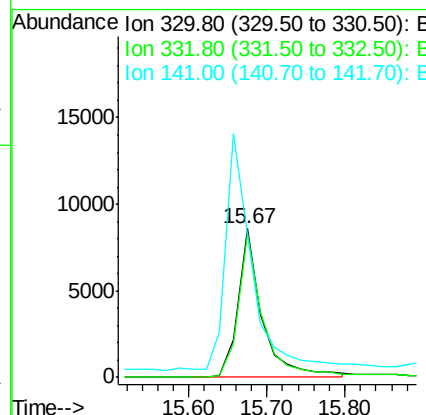
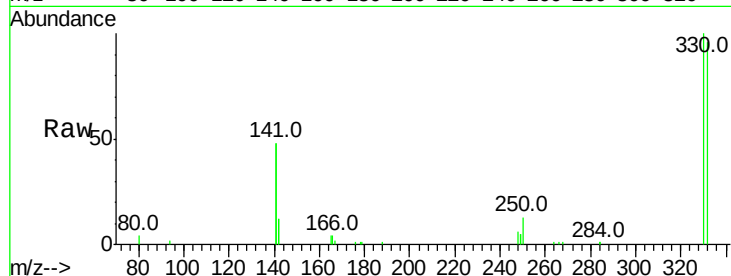




#13
 2,4,6-Tribromophenol
 Concen: 7.81 ng
 RT: 15.67 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE090866.D
 Acq: 17 Sep 2015 16:03

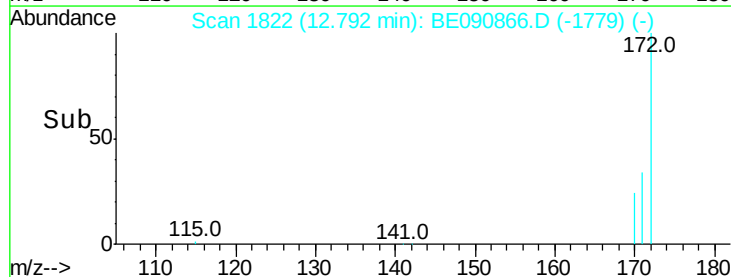
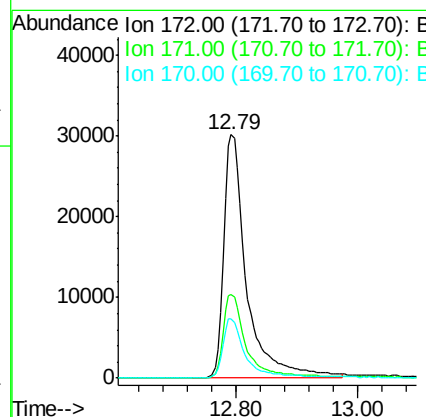
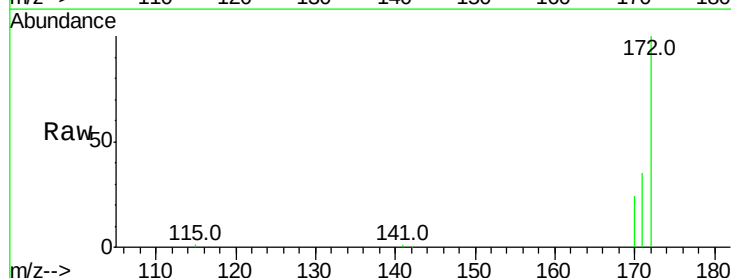
Instrument :
 BNA_E
 ClientSampleId :
 091515-D534-E-D-S

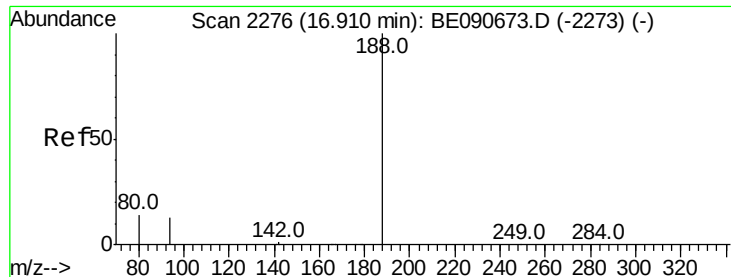
Tgt Ion:330 Resp: 18178
 Ion Ratio Lower Upper
 330 100
 332 97.3 74.9 112.3
 141 176.9 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 3.58 ng
 RT: 12.79 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BE090866.D
 Acq: 17 Sep 2015 16:03

Tgt Ion:172 Resp: 78597
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.8 41.8
 170 24.4 19.8 29.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2275

Delta R.T. -0.00 min

Lab File: BE090866.D

Acq: 17 Sep 2015 16:03

Instrument :

BNA_E

ClientSampleId :

091515-D534-E-D-S

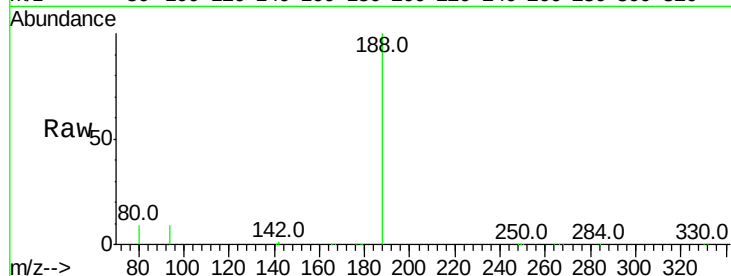
Tgt Ion:188 Resp: 190003

Ion Ratio Lower Upper

188 100

94 8.6 10.3 15.5#

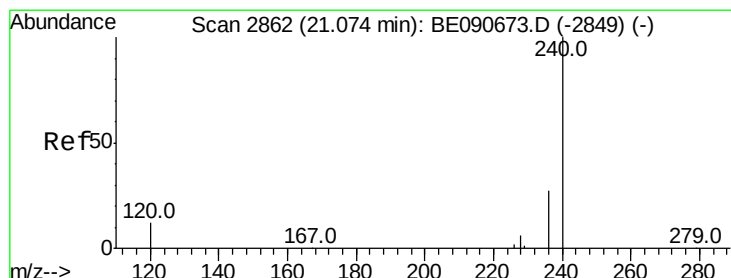
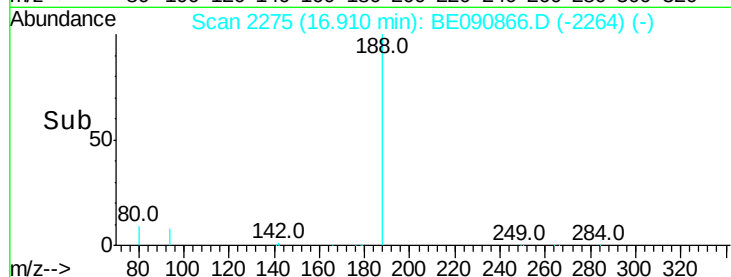
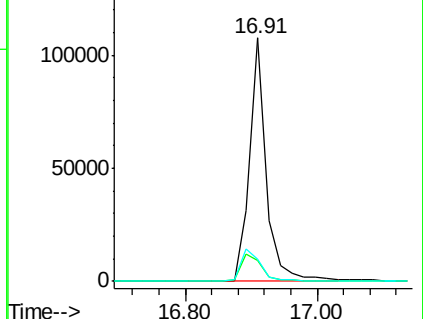
80 9.3 11.0 16.6#



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# 2859

Delta R.T. -0.01 min

Lab File: BE090866.D

Acq: 17 Sep 2015 16:03

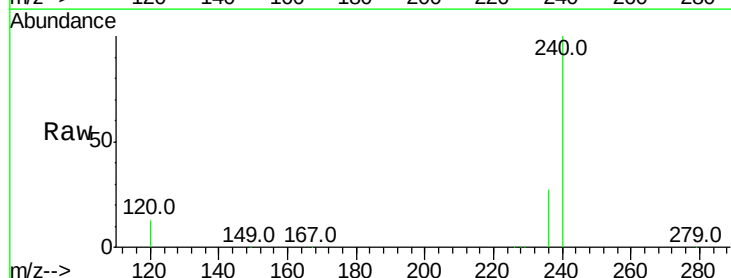
Tgt Ion:240 Resp: 236417

Ion Ratio Lower Upper

240 100

120 13.4 10.1 15.1

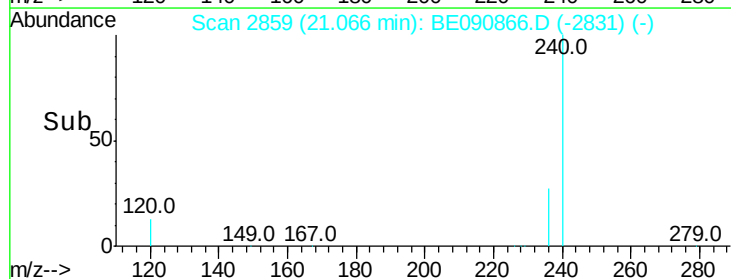
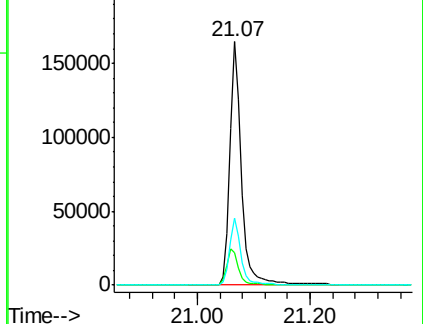
236 27.4 21.9 32.9

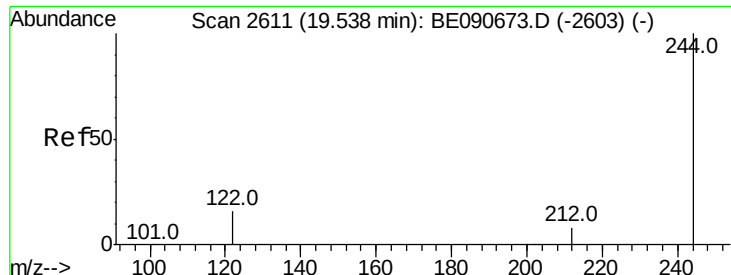


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

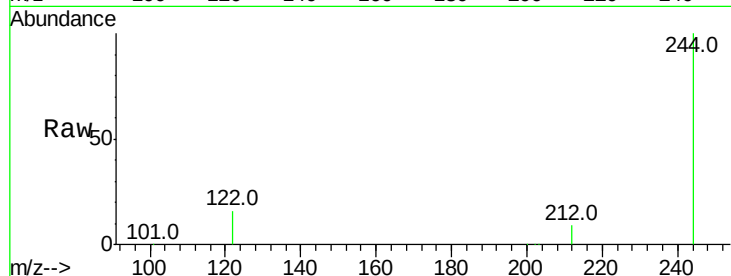




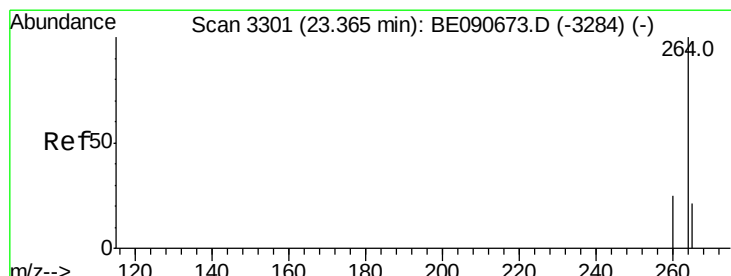
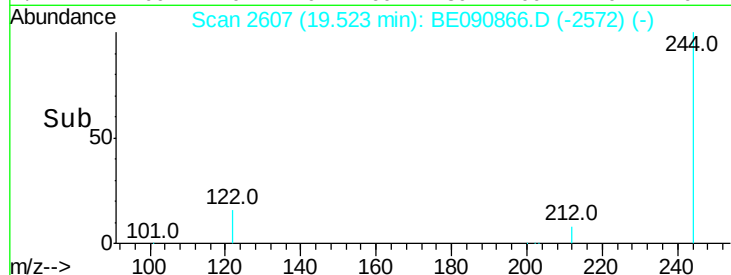
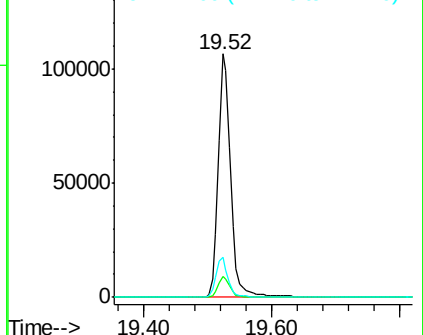
#27
 Terphenyl-d14
 Concen: 5.46 ng
 RT: 19.52 min Scan# 2607
 Delta R.T. -0.02 min
 Lab File: BE090866.D
 Acq: 17 Sep 2015 16:03

Instrument :
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Tgt Ion: 244 Resp: 142936
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.9 10.3
 122 16.2 12.9 19.3

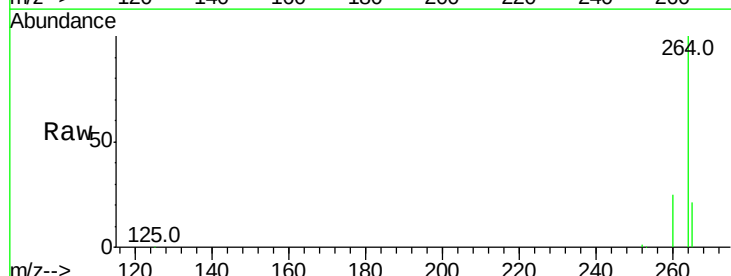


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.35 min Scan# 3296
 Delta R.T. -0.02 min
 Lab File: BE090866.D
 Acq: 17 Sep 2015 16:03

Tgt Ion: 264 Resp: 217796
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.7 29.5
 265 21.3 17.5 26.3



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

