

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091715\
 Data File : BE090877.D
 Acq On : 17 Sep 2015 22:43
 Operator : UM/IZ
 Sample : G3700-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091515-P004-E-D-S

Quant Time: Sep 18 03:49:49 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	31022	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	138695	5.00	ng	0.00
12) Acenaphthene-d10	14.16	164	73419	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	180106	5.00	ng	0.00
25) Chrysene-d12	21.07	240	229234	5.00	ng	0.00
32) Perylene-d12	23.35	264	205451	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	23996	3.98	ng	0.00
5) Phenol-d6	6.75	99	19716	2.28	ng	0.00
7) Nitrobenzene-d5	8.71	82	33203	3.62	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	16590	7.70	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	76673	3.77	ng	0.00
27) Terphenyl-d14	19.53	244	141532	5.58	ng	-0.01

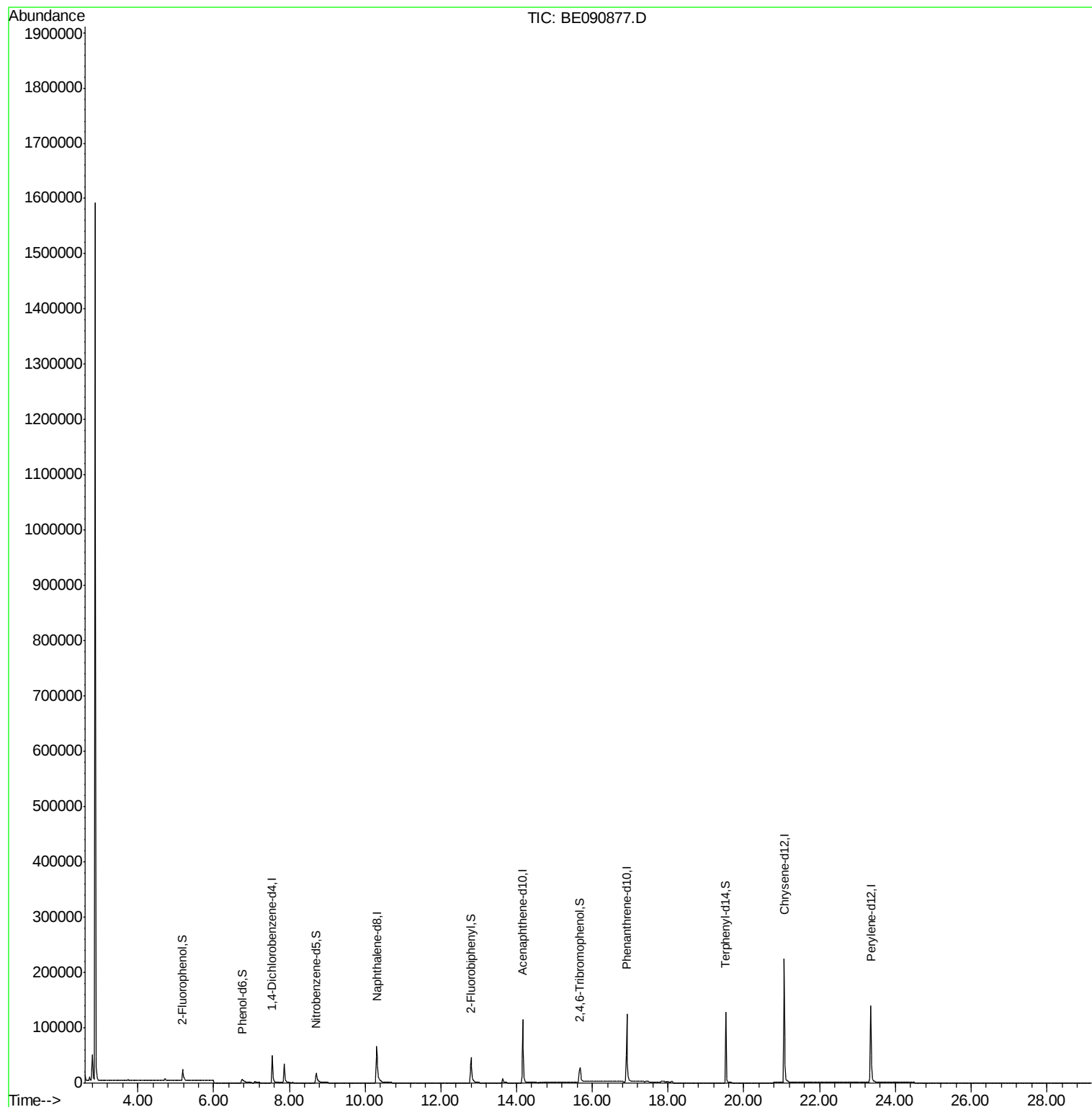
Target Compounds	Qvalue
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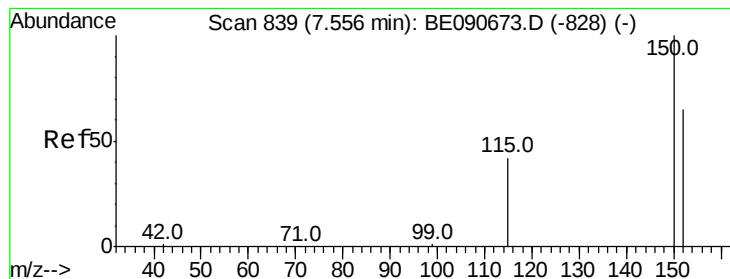
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE090877.D

Acq: 17 Sep 2015 22:43

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-S

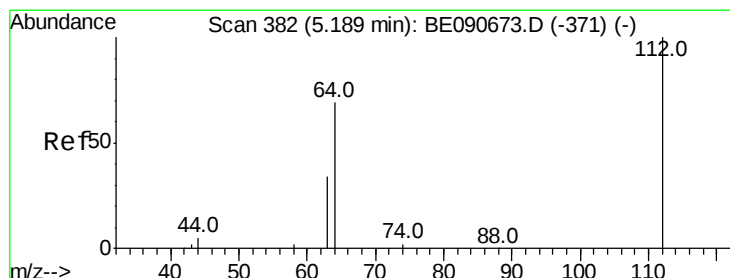
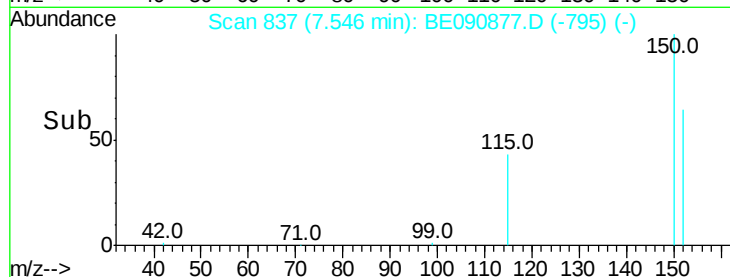
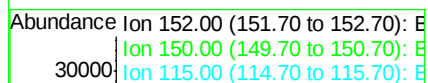
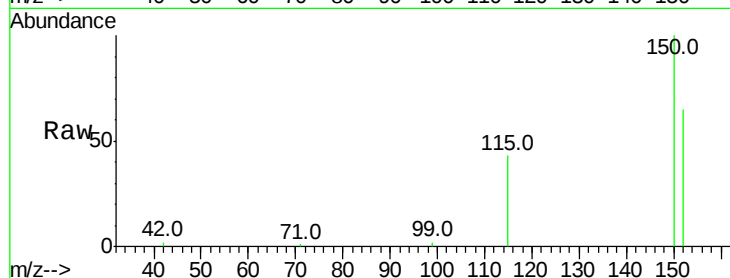
Tgt Ion:152 Resp: 31022

Ion Ratio Lower Upper

152 100

150 155.0 122.2 183.4

115 66.2 51.0 76.4



#4

2-Fluorophenol

Concen: 3.98 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE090877.D

Acq: 17 Sep 2015 22:43

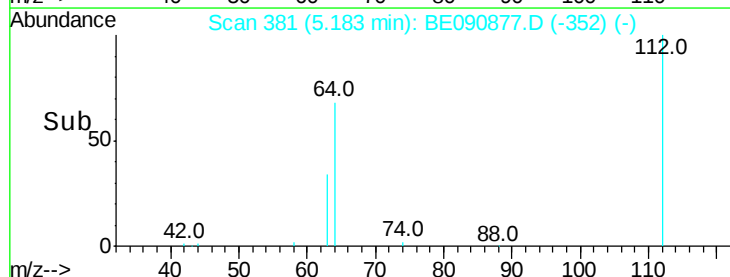
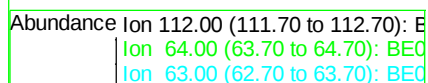
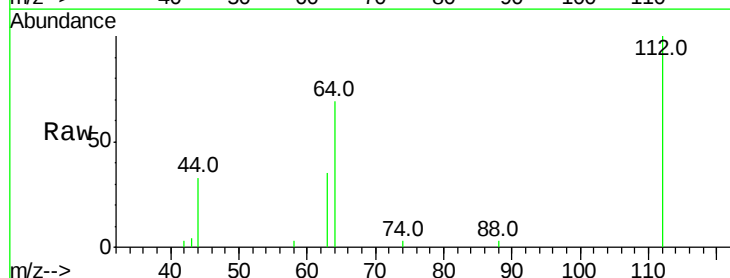
Tgt Ion:112 Resp: 23996

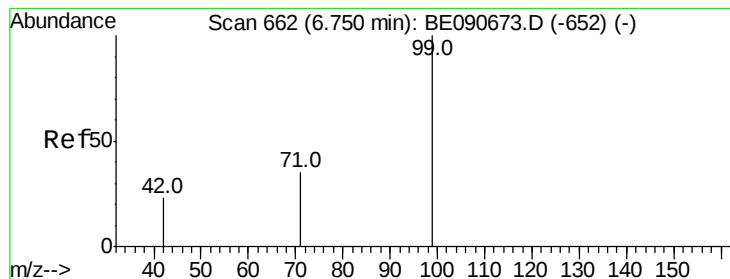
Ion Ratio Lower Upper

112 100

64 72.6 57.3 85.9

63 37.2 29.2 43.8





#5

Phenol-d6

Concen: 2.28 ng

RT: 6.75 min Scan# 662

Delta R.T. -0.00 min

Lab File: BE090877.D

Acq: 17 Sep 2015 22:43

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-S

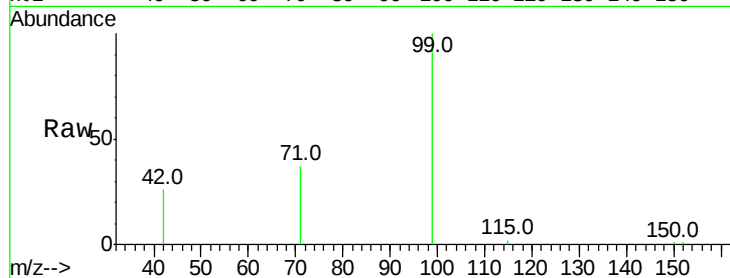
Tgt Ion: 99 Resp: 19716

Ion Ratio Lower Upper

99 100

42 21.8 16.8 25.2

71 35.4 28.3 42.5

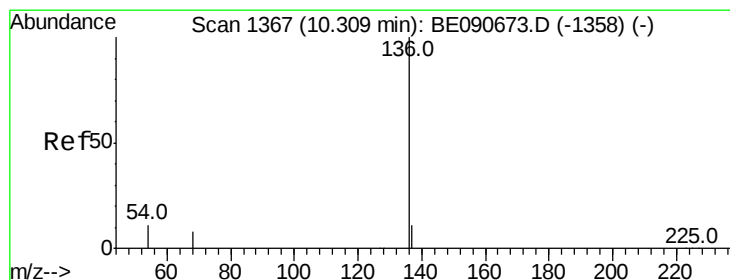
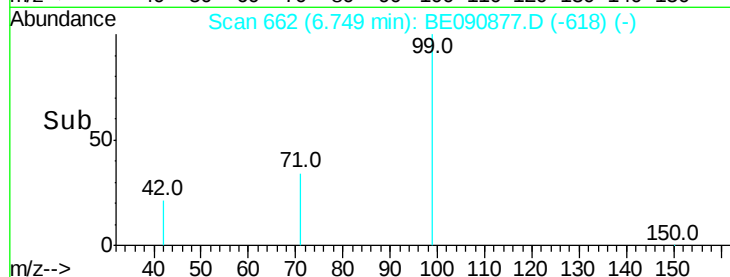
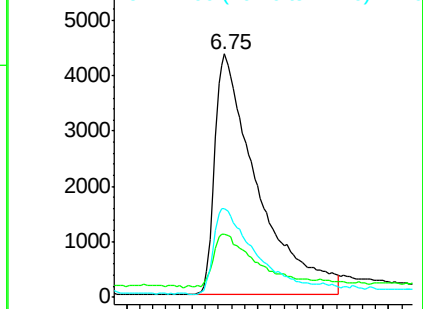


Abundance

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: BE090877.D

Acq: 17 Sep 2015 22:43

Tgt Ion: 136 Resp: 138695

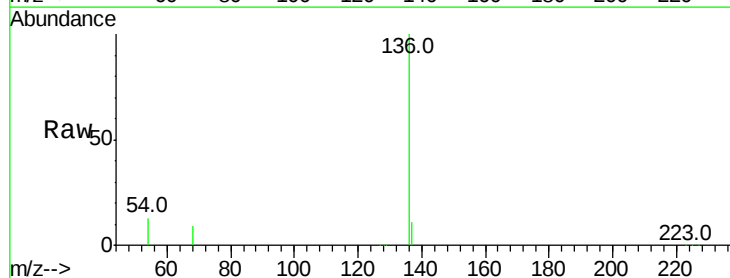
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 12.8 9.0 13.6

68 8.8 6.3 9.5



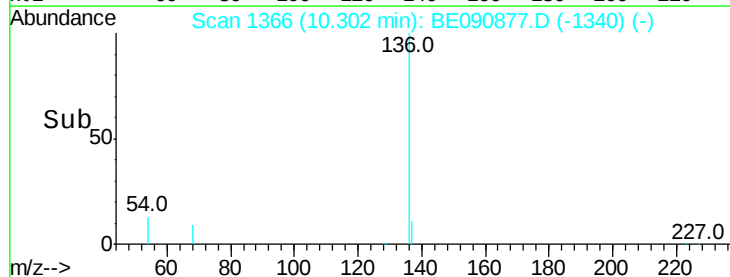
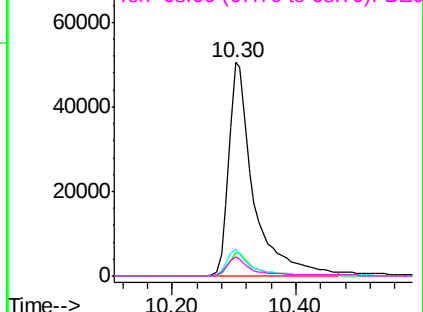
Abundance

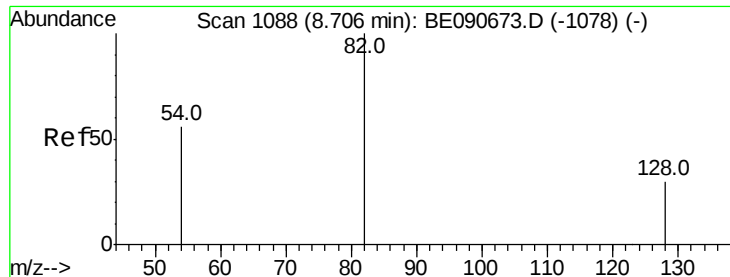
Ion 136.00 (135.70 to 136.70): E

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: 3.62 ng

RT: 8.71 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BE090877.D

Acq: 17 Sep 2015 22:43

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-S

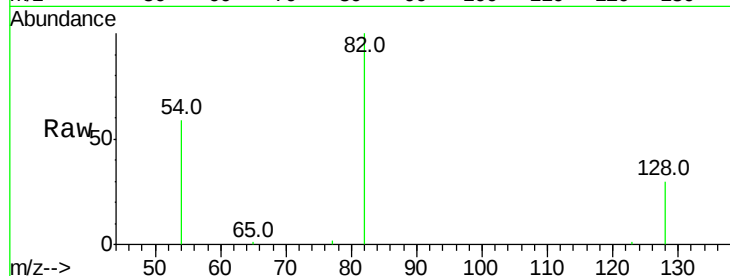
Tgt Ion: 82 Resp: 33203

Ion Ratio Lower Upper

82 100

128 30.0 25.0 37.4

54 59.4 46.3 69.5

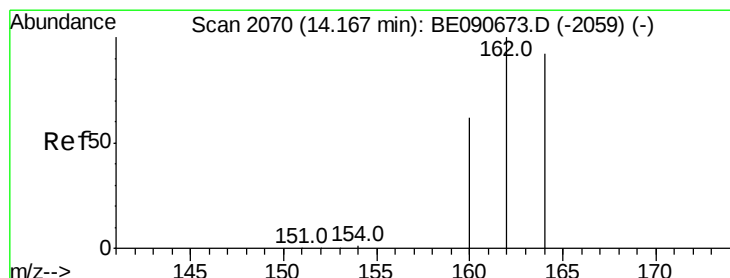
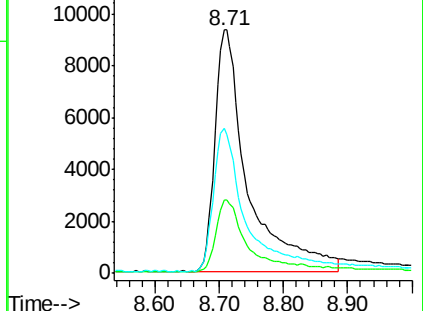
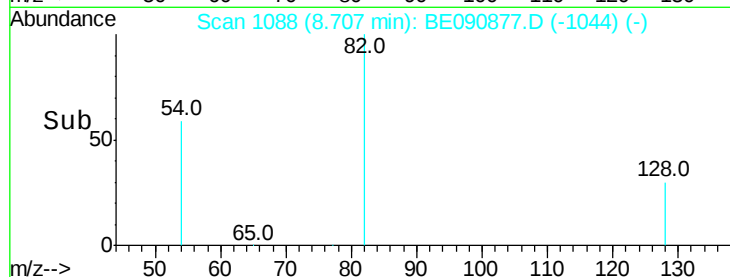


Abundance Ion 82.00 (81.70 to 82.70): BE090877.D (-1044) (-)

Ion 128.00 (127.70 to 128.70): BE090877.D (-1044) (-)

Ion 54.00 (53.70 to 54.70): BE090877.D (-1044) (-)

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.16 min Scan# 2069

Delta R.T. -0.00 min

Lab File: BE090877.D

Acq: 17 Sep 2015 22:43

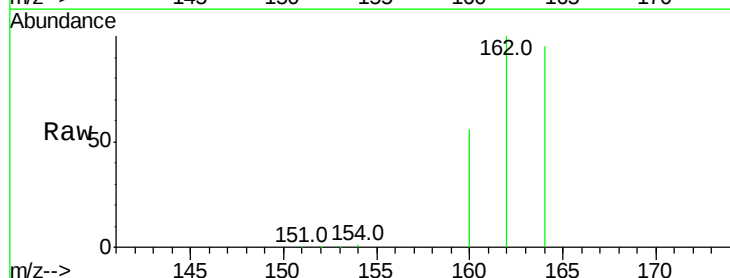
Tgt Ion: 164 Resp: 73419

Ion Ratio Lower Upper

164 100

162 105.8 86.8 130.2

160 59.5 53.9 80.9

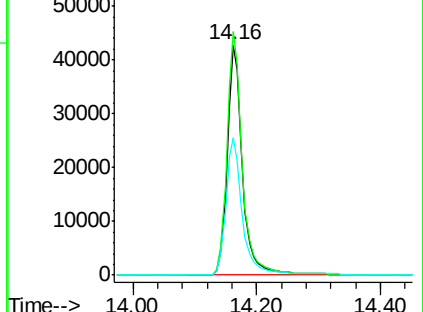
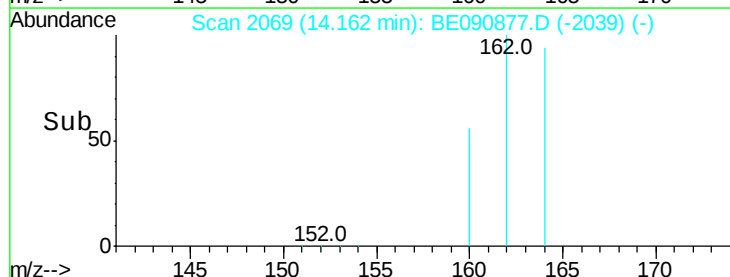


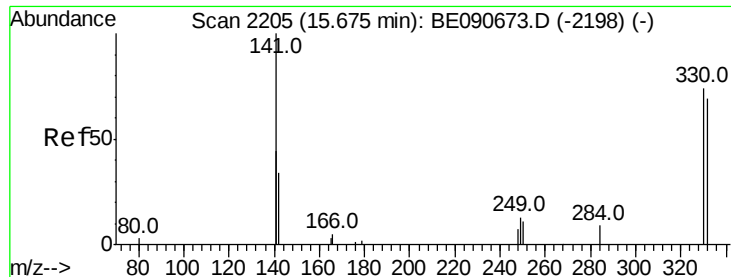
Abundance Ion 164.00 (163.70 to 164.70): BE090877.D (-2039) (-)

Ion 162.00 (161.70 to 162.70): BE090877.D (-2039) (-)

Ion 160.00 (159.70 to 160.70): BE090877.D (-2039) (-)

Time-->

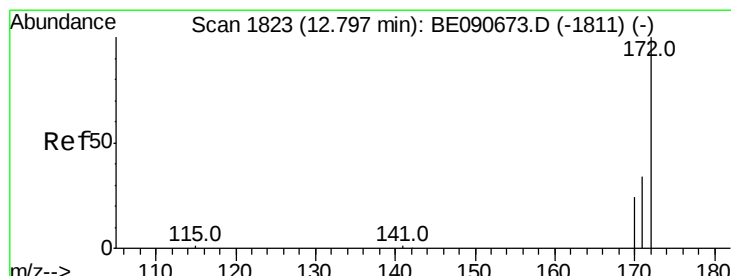
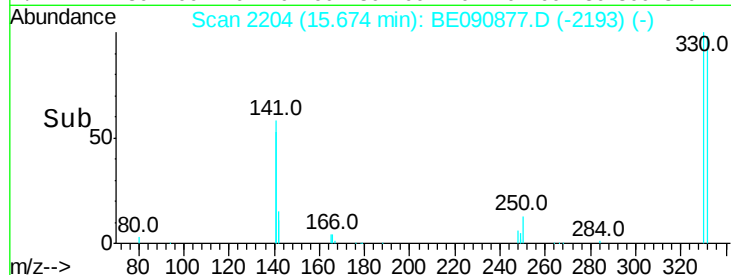
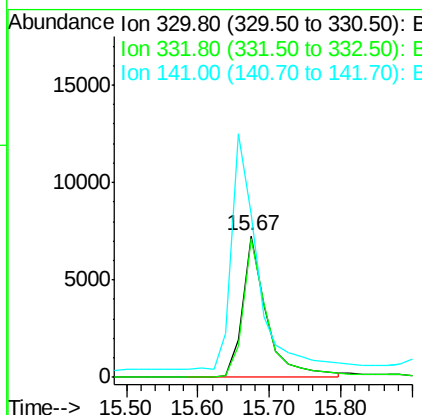
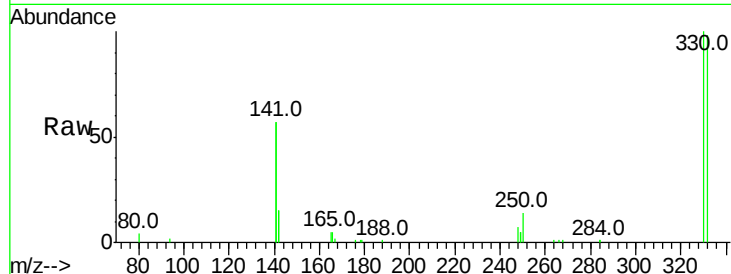




#13
 2,4,6-Tribromophenol
 Concen: 7.70 ng
 RT: 15.67 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE090877.D
 Acq: 17 Sep 2015 22:43

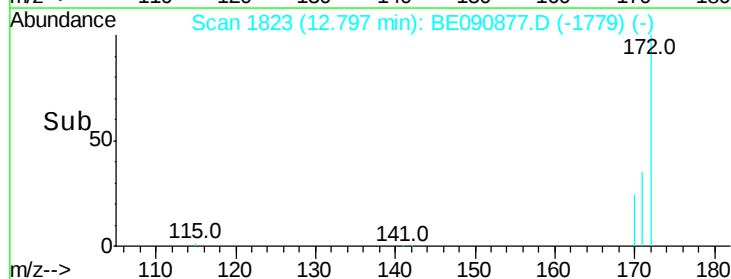
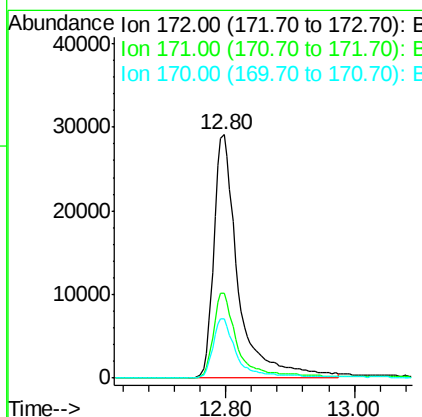
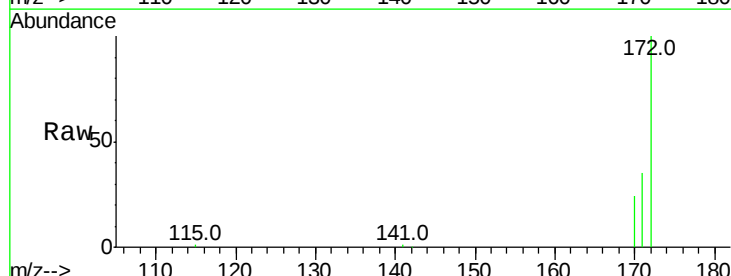
Instrument :
 BNA_E
 ClientSampleId :
 091515-P004-E-D-S

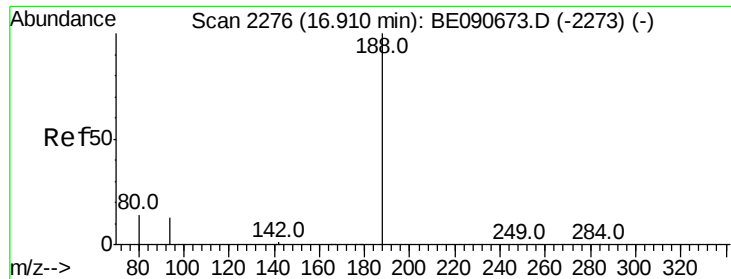
Tgt Ion:330 Resp: 16590
 Ion Ratio Lower Upper
 330 100
 332 97.0 74.9 112.3
 141 180.9 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 3.77 ng
 RT: 12.80 min Scan# 1823
 Delta R.T. -0.00 min
 Lab File: BE090877.D
 Acq: 17 Sep 2015 22:43

Tgt Ion:172 Resp: 76673
 Ion Ratio Lower Upper
 172 100
 171 34.8 27.8 41.8
 170 24.3 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: BE090877.D

Acq: 17 Sep 2015 22:43

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-S

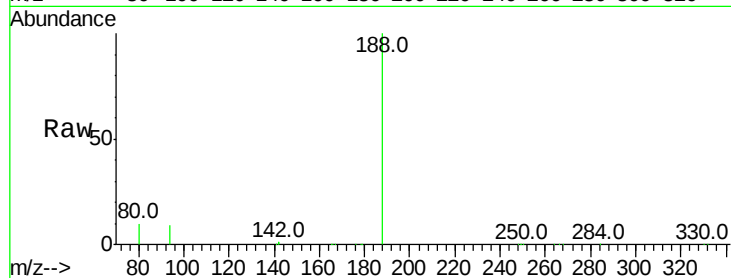
Tgt Ion:188 Resp: 180106

Ion Ratio Lower Upper

188 100

94 9.5 10.3 15.5#

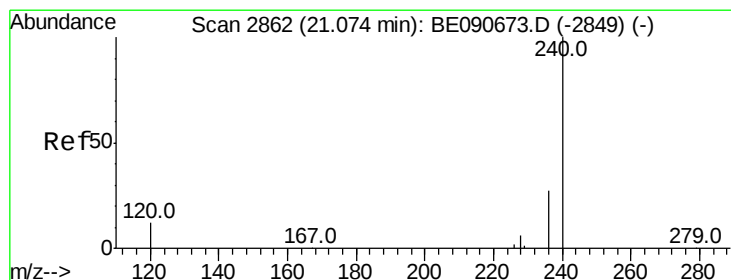
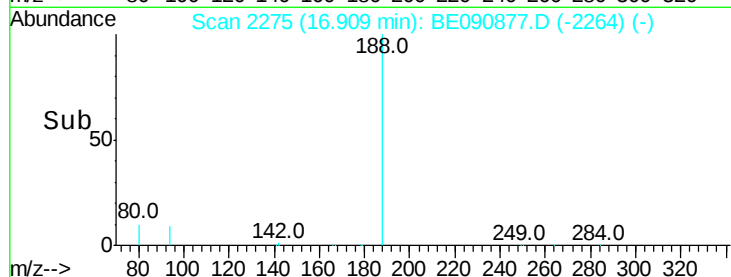
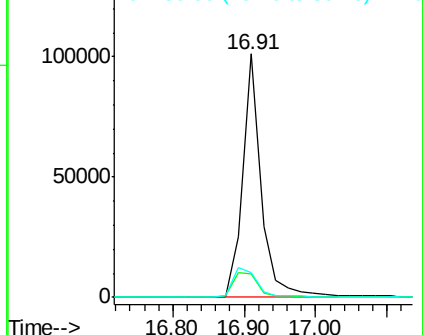
80 10.2 11.0 16.6#



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: BE090877.D

Acq: 17 Sep 2015 22:43

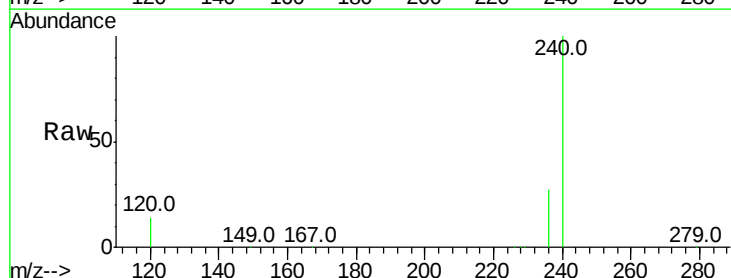
Tgt Ion:240 Resp: 229234

Ion Ratio Lower Upper

240 100

120 13.7 10.1 15.1

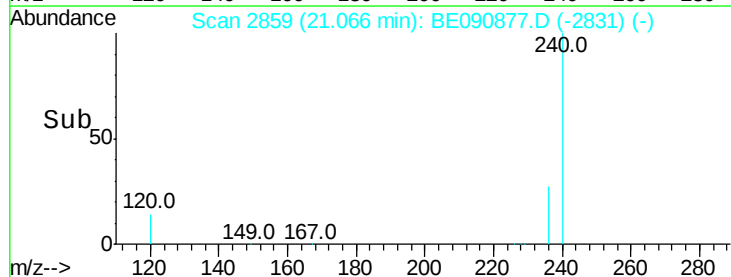
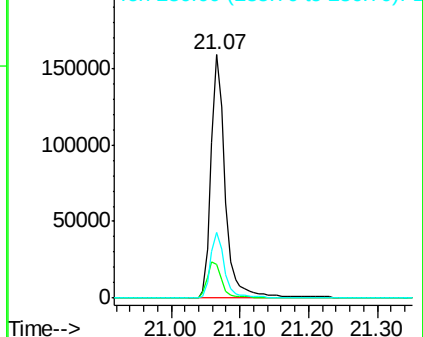
236 27.2 21.9 32.9

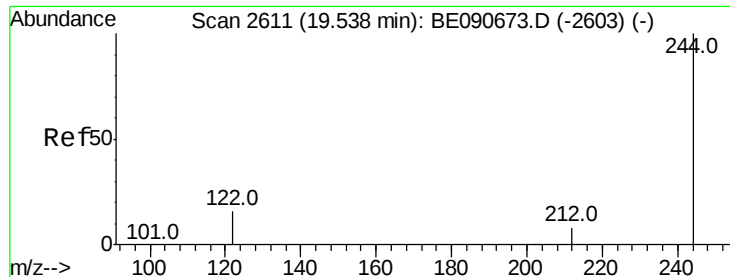


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

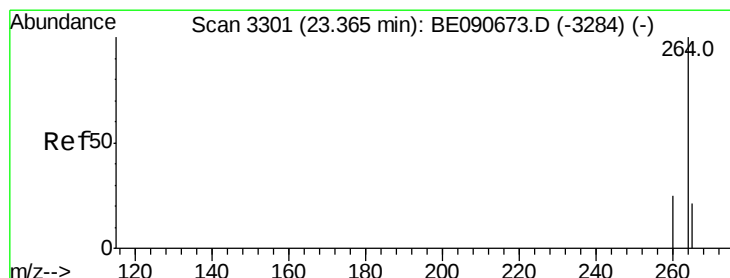
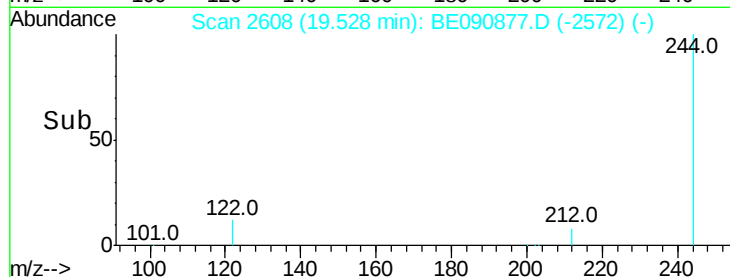
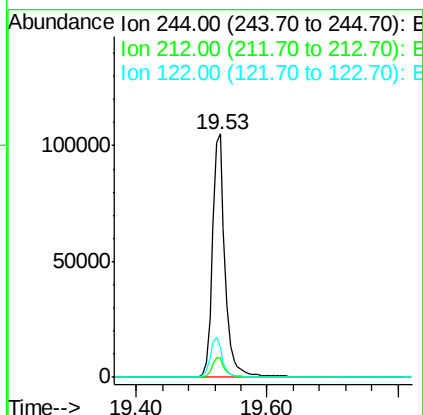
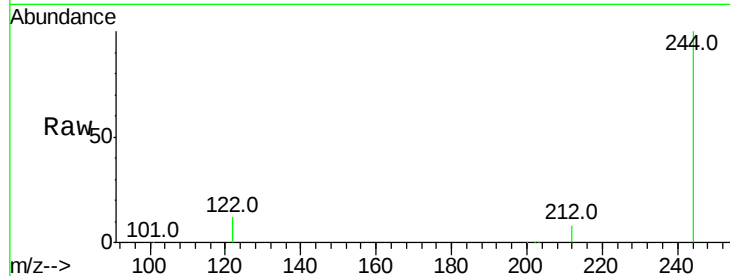




#27
 Terphenyl-d14
 Concen: 5.58 ng
 RT: 19.53 min Scan# 2608
 Delta R.T. -0.01 min
 Lab File: BE090877.D
 Acq: 17 Sep 2015 22:43

Instrument :
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Tgt Ion:244 Resp: 141532
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.9 10.3
 122 12.0 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: BE090877.D
 Acq: 17 Sep 2015 22:43

Tgt Ion:264 Resp: 205451
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.7 29.5
 265 22.0 17.5 26.3

