

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091715\
 Data File : BE090870.D
 Acq On : 17 Sep 2015 18:29
 Operator : UM/IZ
 Sample : G3699-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091515-D549-F-D-S

Quant Time: Sep 18 03:42:48 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	26371	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	110508	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	55057	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	136281	5.00	ng	0.00
25) Chrysene-d12	21.07	240	186190	5.00	ng	0.00
32) Perylene-d12	23.35	264	170287	5.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	21332	4.16	ng	0.00
5) Phenol-d6	6.76	99	16158	2.20	ng	0.00
7) Nitrobenzene-d5	8.71	82	27399	3.75	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	13658	8.44	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	60947	4.00	ng	0.00
27) Terphenyl-d14	19.53	244	110918	5.38	ng	-0.01

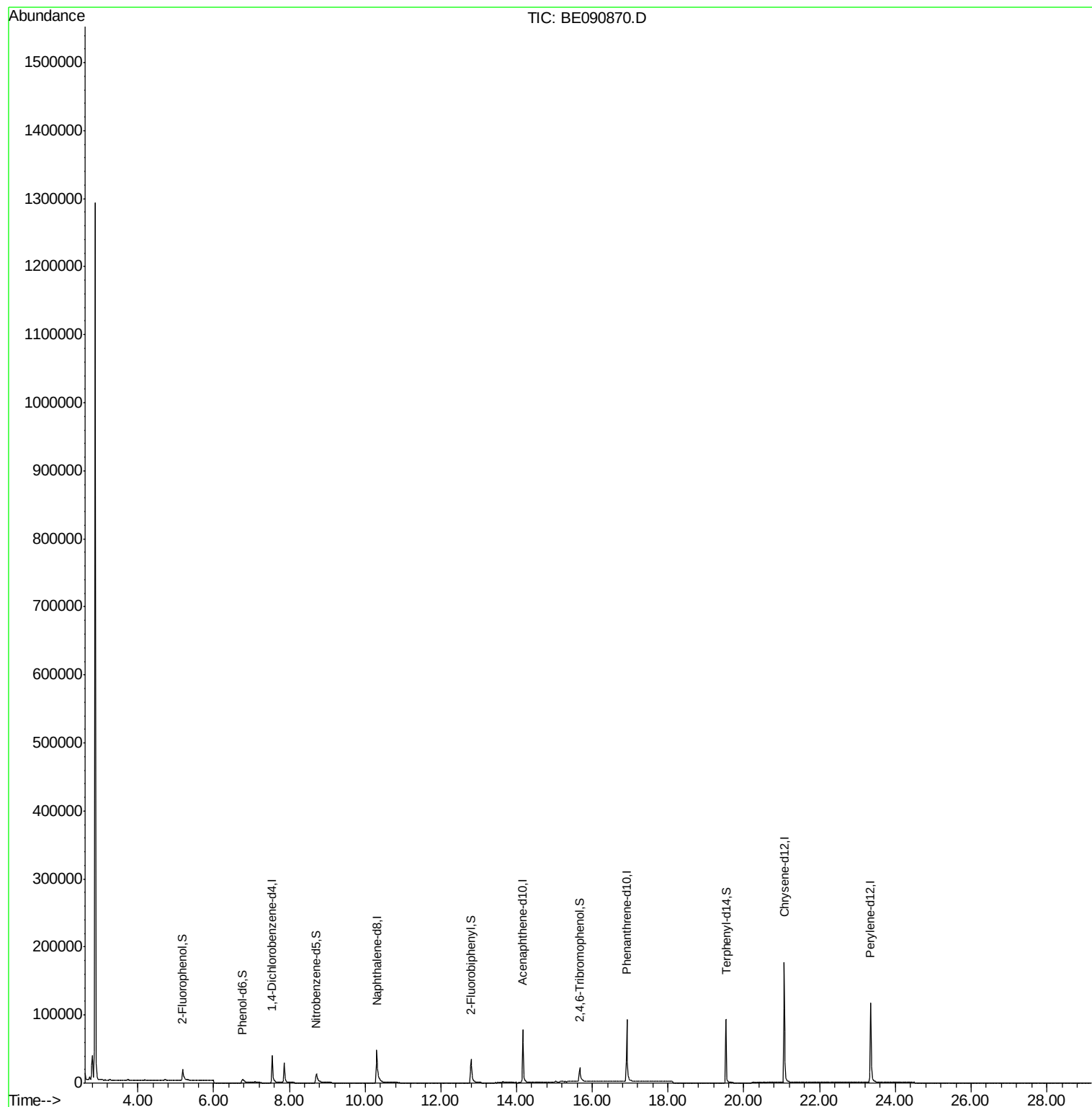
Target Compounds	Qvalue
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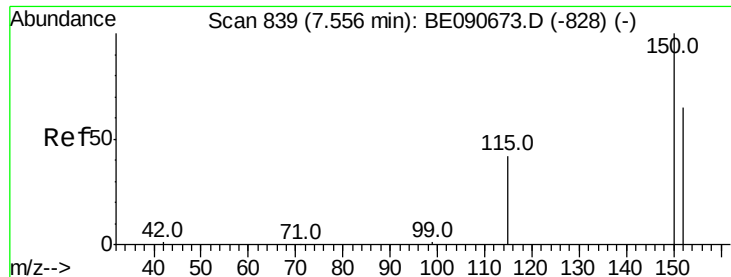
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.01 min

Lab File: BE090870.D

Acq: 17 Sep 2015 18:29

Instrument :

BNA_E

ClientSampleId :

091515-D549-F-D-S

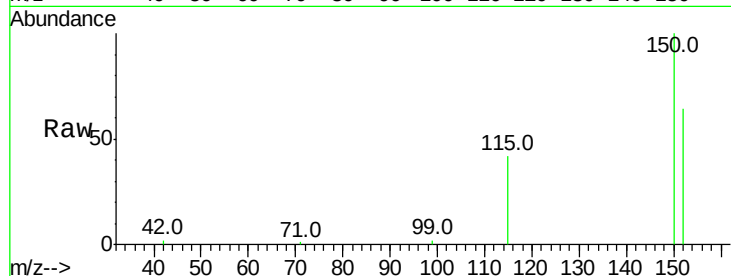
Tgt Ion:152 Resp: 26371

Ion Ratio Lower Upper

152 100

150 156.5 122.2 183.4

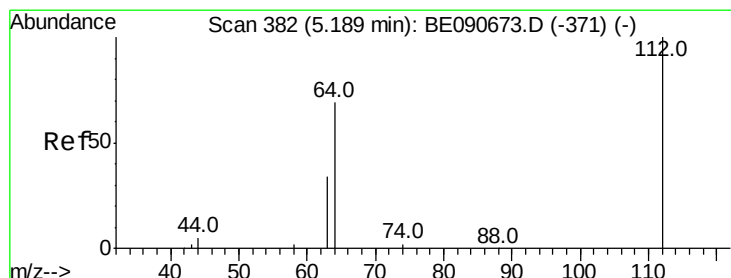
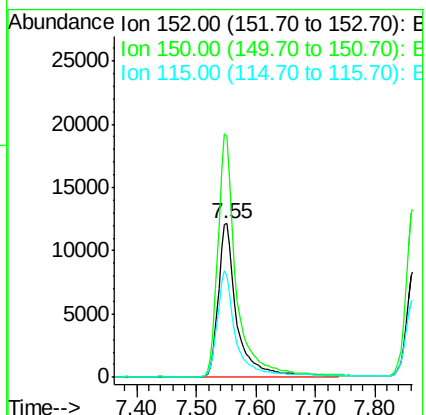
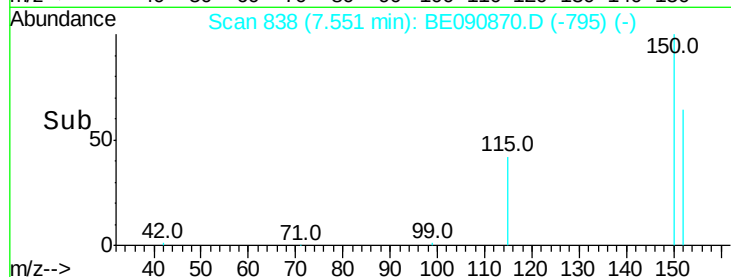
115 66.0 51.0 76.4



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: 4.16 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.00 min

Lab File: BE090870.D

Acq: 17 Sep 2015 18:29

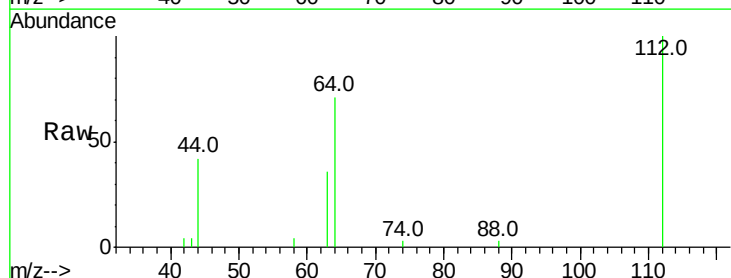
Tgt Ion:112 Resp: 21332

Ion Ratio Lower Upper

112 100

64 72.8 57.3 85.9

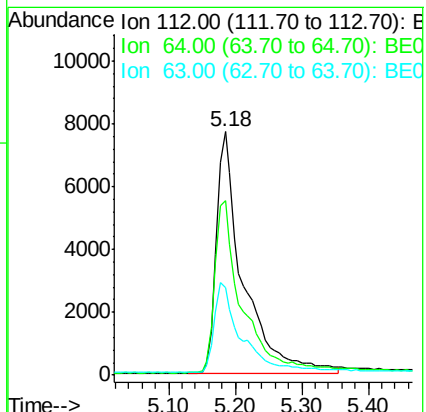
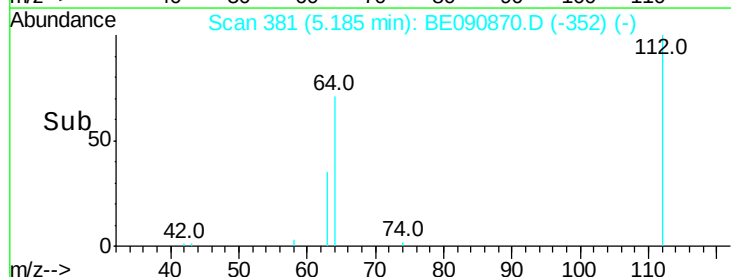
63 37.9 29.2 43.8

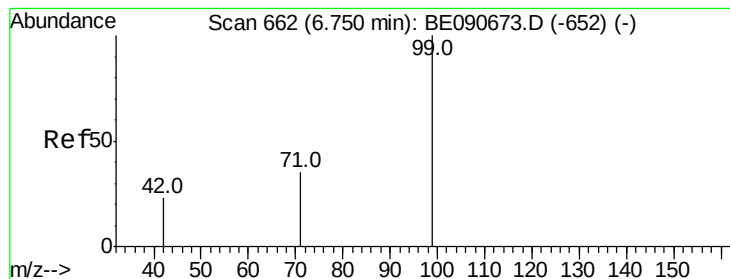


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.20 ng

RT: 6.76 min Scan# 664

Delta R.T. 0.01 min

Lab File: BE090870.D

Acq: 17 Sep 2015 18:29

Instrument :

BNA_E

ClientSampleId :

091515-D549-F-D-S

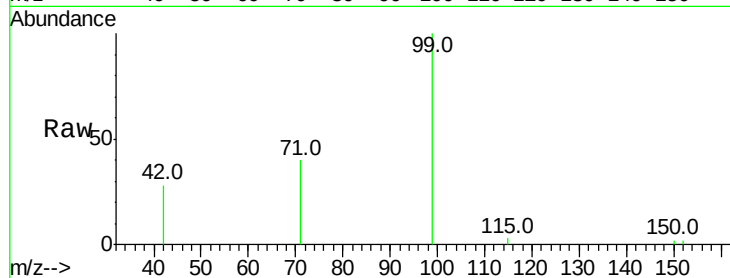
Tgt Ion: 99 Resp: 16158

Ion Ratio Lower Upper

99 100

42 20.8 16.8 25.2

71 34.8 28.3 42.5

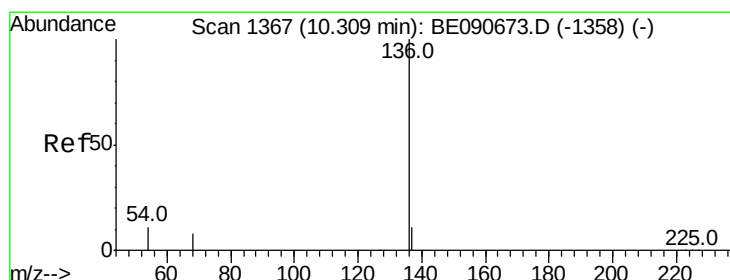
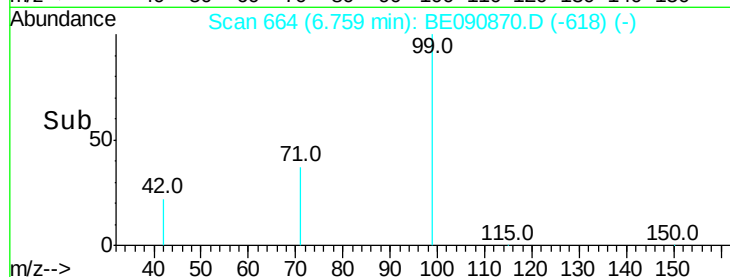
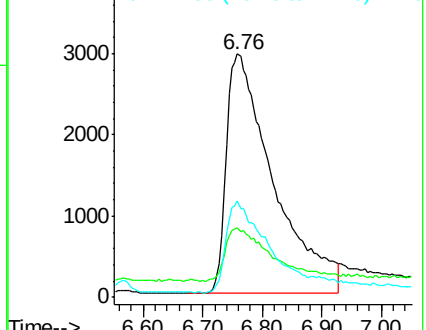


Abundance

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: 10.31 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE090870.D

Acq: 17 Sep 2015 18:29

Tgt Ion: 136 Resp: 110508

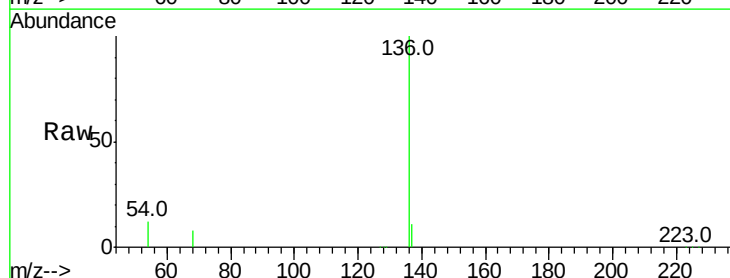
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 11.7 9.0 13.6

68 8.5 6.3 9.5



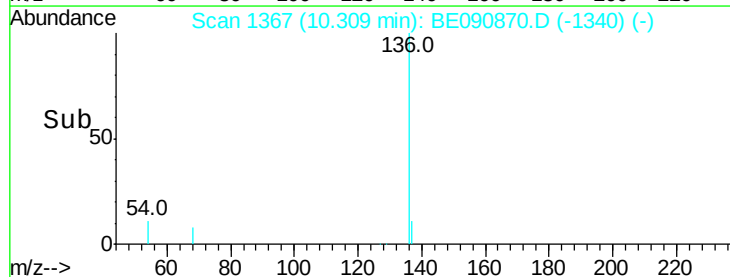
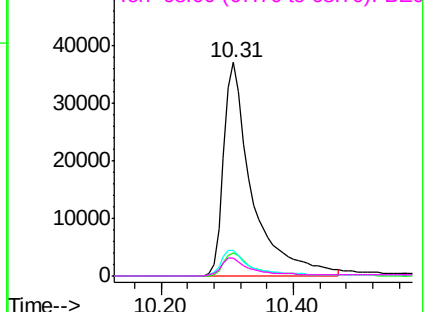
Abundance

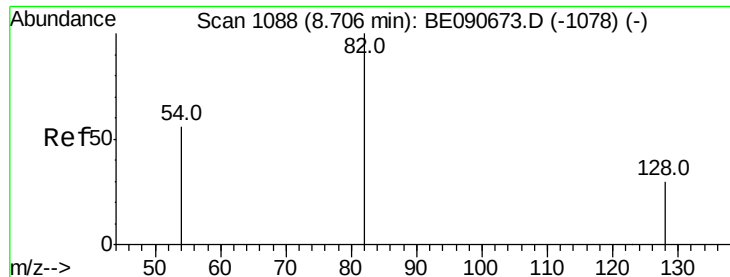
Ion 136.00 (135.70 to 136.70): E

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: 3.75 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BE090870.D

Acq: 17 Sep 2015 18:29

Instrument :

BNA_E

ClientSampleId :

091515-D549-F-D-S

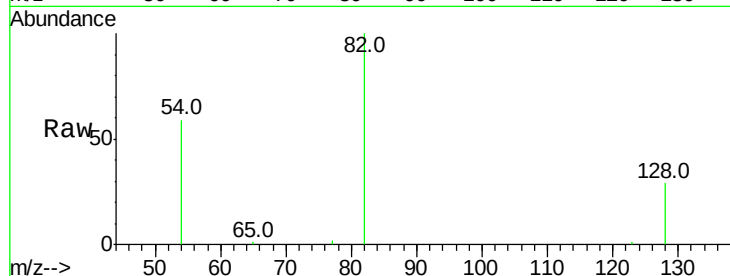
Tgt Ion: 82 Resp: 27399

Ion Ratio Lower Upper

82 100

128 29.4 25.0 37.4

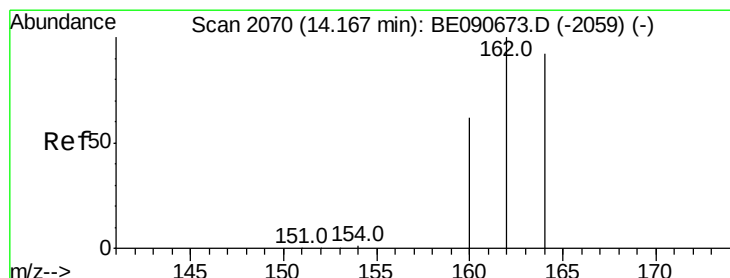
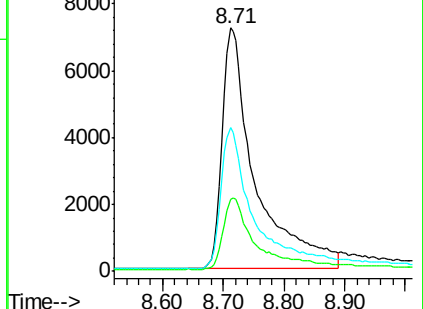
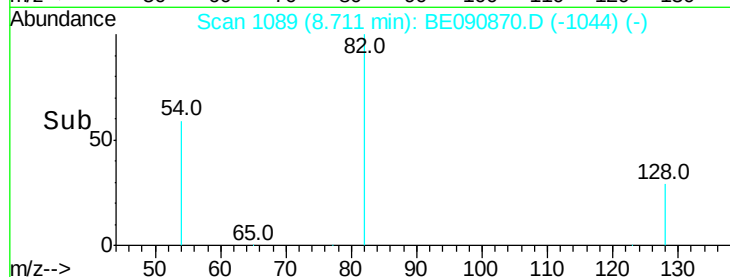
54 59.1 46.3 69.5



Abundance Ion 82.00 (81.70 to 82.70): BE090870.D (-1044) (-)

Ion 128.00 (127.70 to 128.70): BE090870.D (-1044) (-)

Ion 54.00 (53.70 to 54.70): BE090870.D (-1044) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090870.D

Acq: 17 Sep 2015 18:29

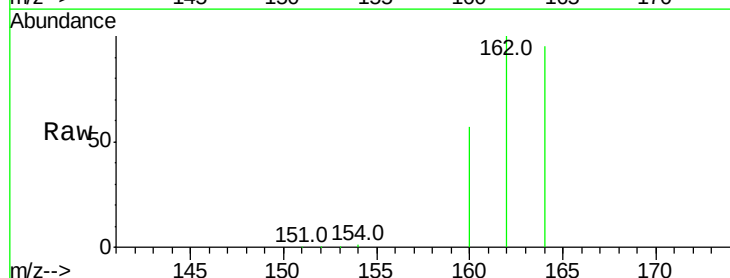
Tgt Ion: 164 Resp: 55057

Ion Ratio Lower Upper

164 100

162 105.6 86.8 130.2

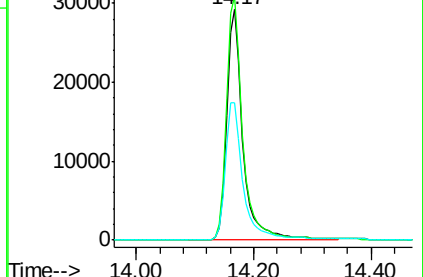
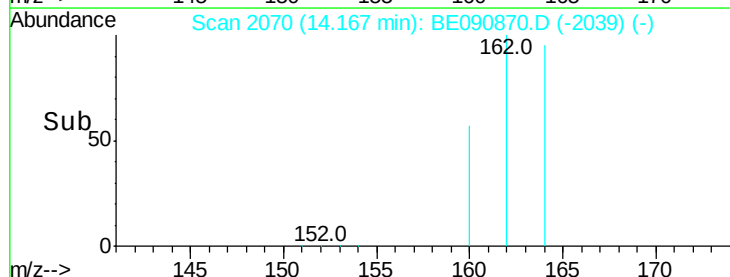
160 59.9 53.9 80.9

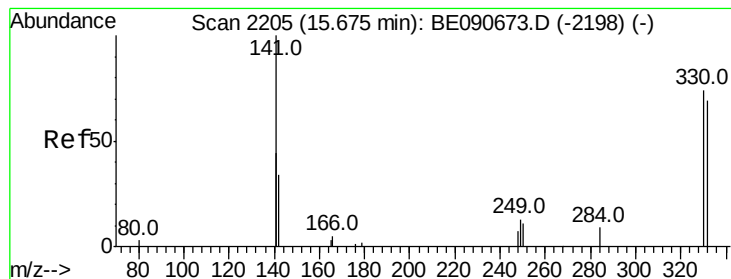


Abundance Ion 164.00 (163.70 to 164.70): BE090870.D (-2039) (-)

Ion 162.00 (161.70 to 162.70): BE090870.D (-2039) (-)

Ion 160.00 (159.70 to 160.70): BE090870.D (-2039) (-)





#13

2,4,6-Tribromophenol

Concen: 8.44 ng

RT: 15.67 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE090870.D

Acq: 17 Sep 2015 18:29

Instrument :

BNA_E

ClientSampleId :

091515-D549-F-D-S

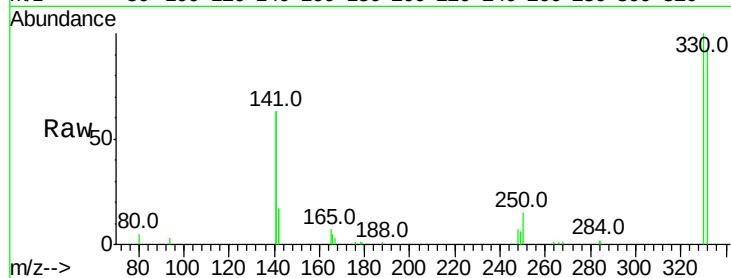
Tgt Ion:330 Resp: 13658

Ion Ratio Lower Upper

330 100

332 94.8 74.9 112.3

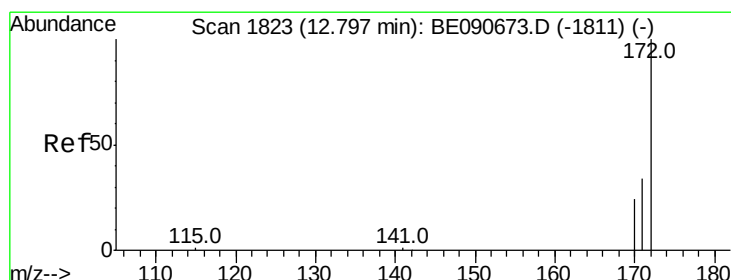
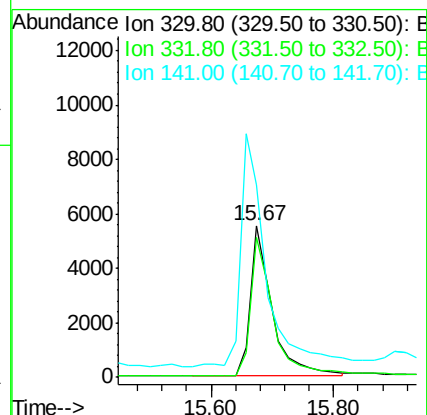
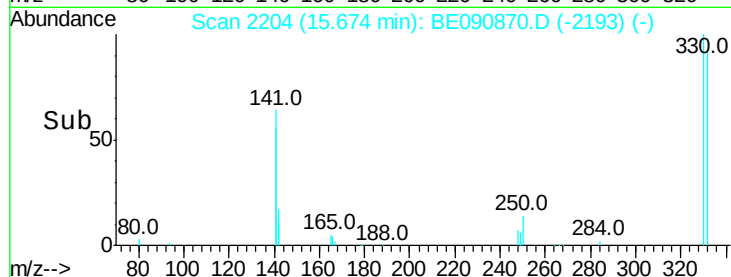
141 178.1 145.2 217.8



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: 4.00 ng

RT: 12.80 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BE090870.D

Acq: 17 Sep 2015 18:29

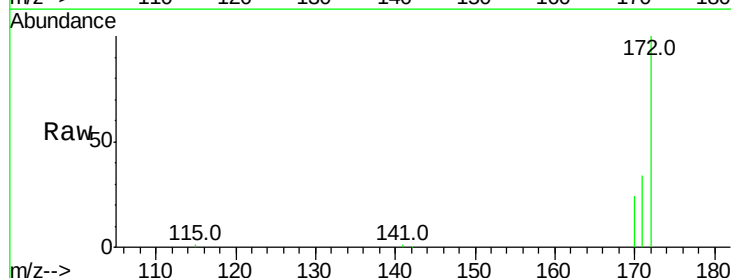
Tgt Ion:172 Resp: 60947

Ion Ratio Lower Upper

172 100

171 33.7 27.8 41.8

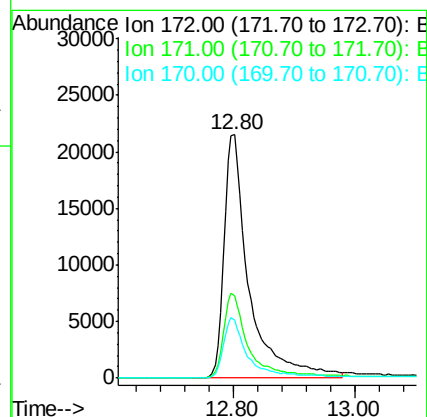
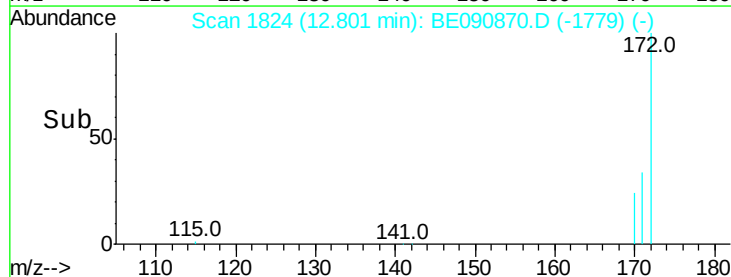
170 23.8 19.8 29.6

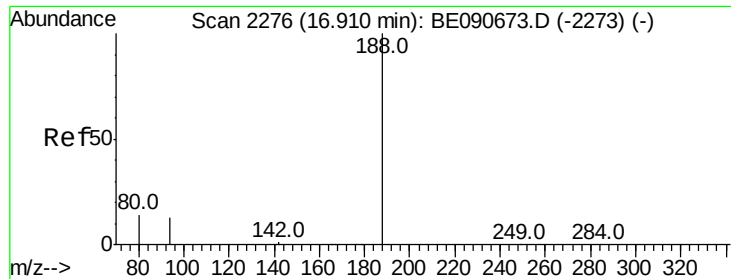


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

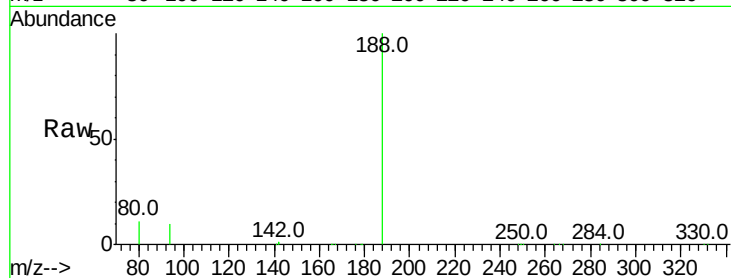




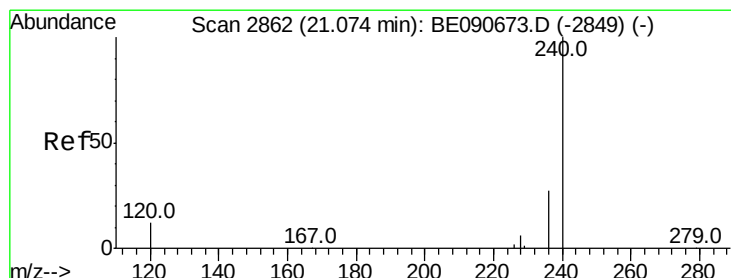
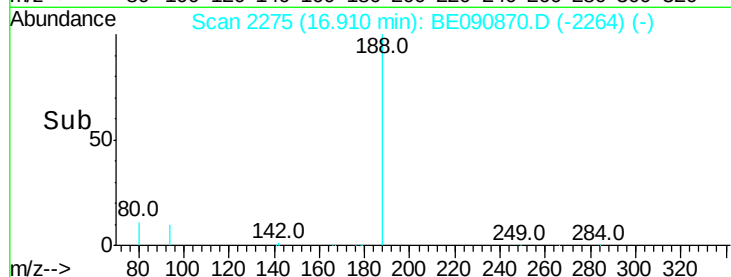
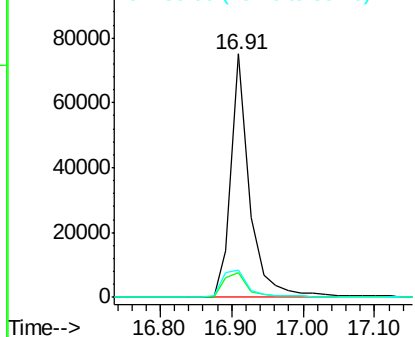
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090870.D
Acq: 17 Sep 2015 18:29

Instrument :
BNA_E
ClientSampleId :
091515-D549-F-D-S

Tgt Ion:188 Resp: 136281
Ion Ratio Lower Upper
188 100
94 10.0 10.3 15.5#
80 11.2 11.0 16.6

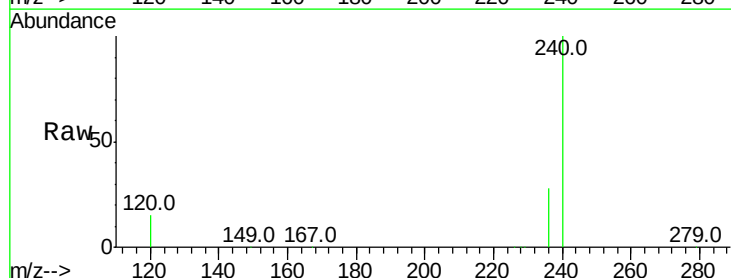


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

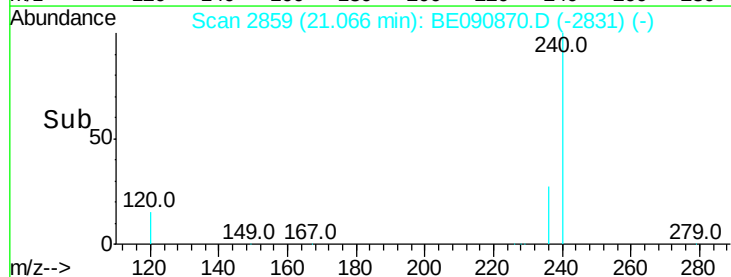
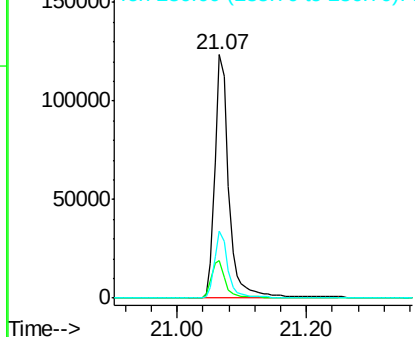


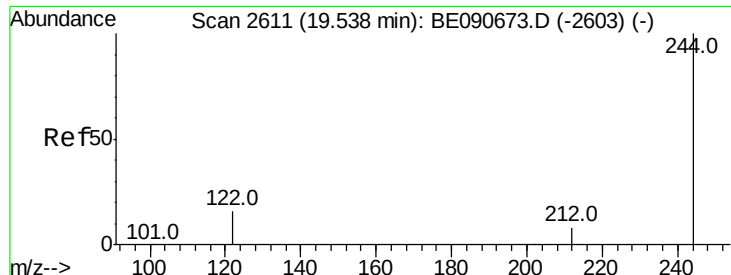
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BE090870.D
Acq: 17 Sep 2015 18:29

Tgt Ion:240 Resp: 186190
Ion Ratio Lower Upper
240 100
120 15.3 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

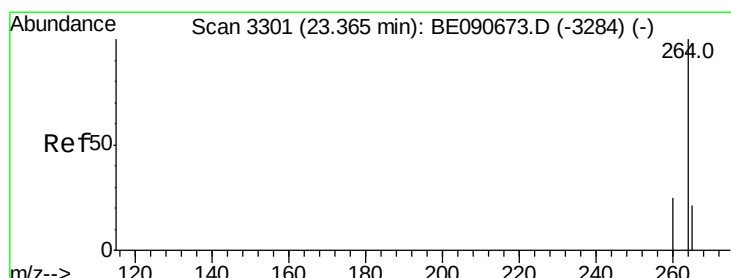
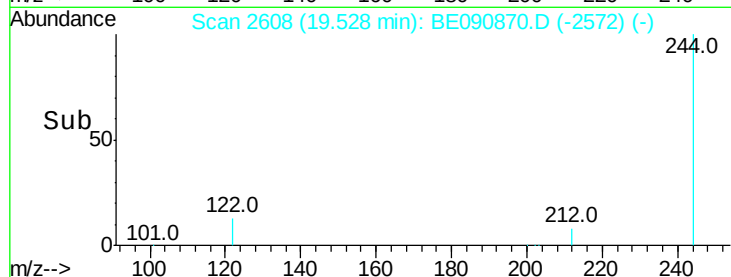
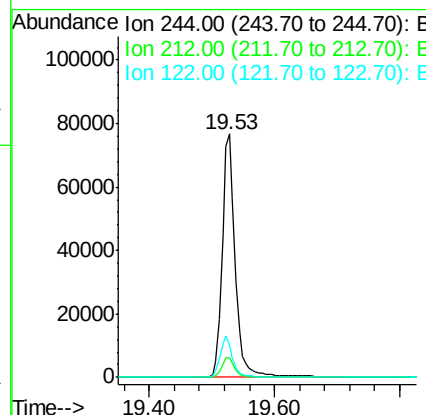
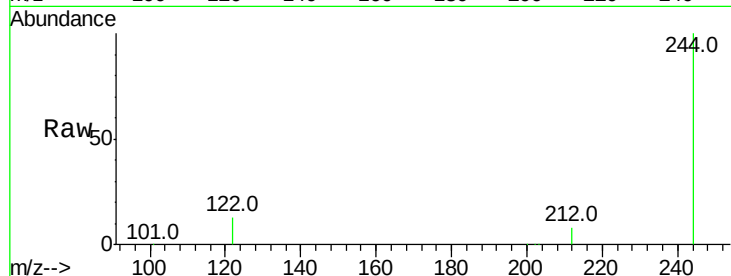




#27
 Terphenyl-d14
 Concen: 5.38 ng
 RT: 19.53 min Scan# 2608
 Delta R.T. -0.01 min
 Lab File: BE090870.D
 Acq: 17 Sep 2015 18:29

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Tgt Ion:244 Resp: 110918
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 13.5 12.9 19.3



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.35 min Scan# 3296
 Delta R.T. -0.02 min
 Lab File: BE090870.D
 Acq: 17 Sep 2015 18:29

Tgt Ion:264 Resp: 170287
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.7 29.5
 265 21.6 17.5 26.3

