

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081715\
 Data File : BE090549.D
 Acq On : 18 Aug 2015 1:00
 Operator : UM/IZ
 Sample : G3322-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 081315-D506-F-U-M

Quant Time: Aug 18 06:48:08 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

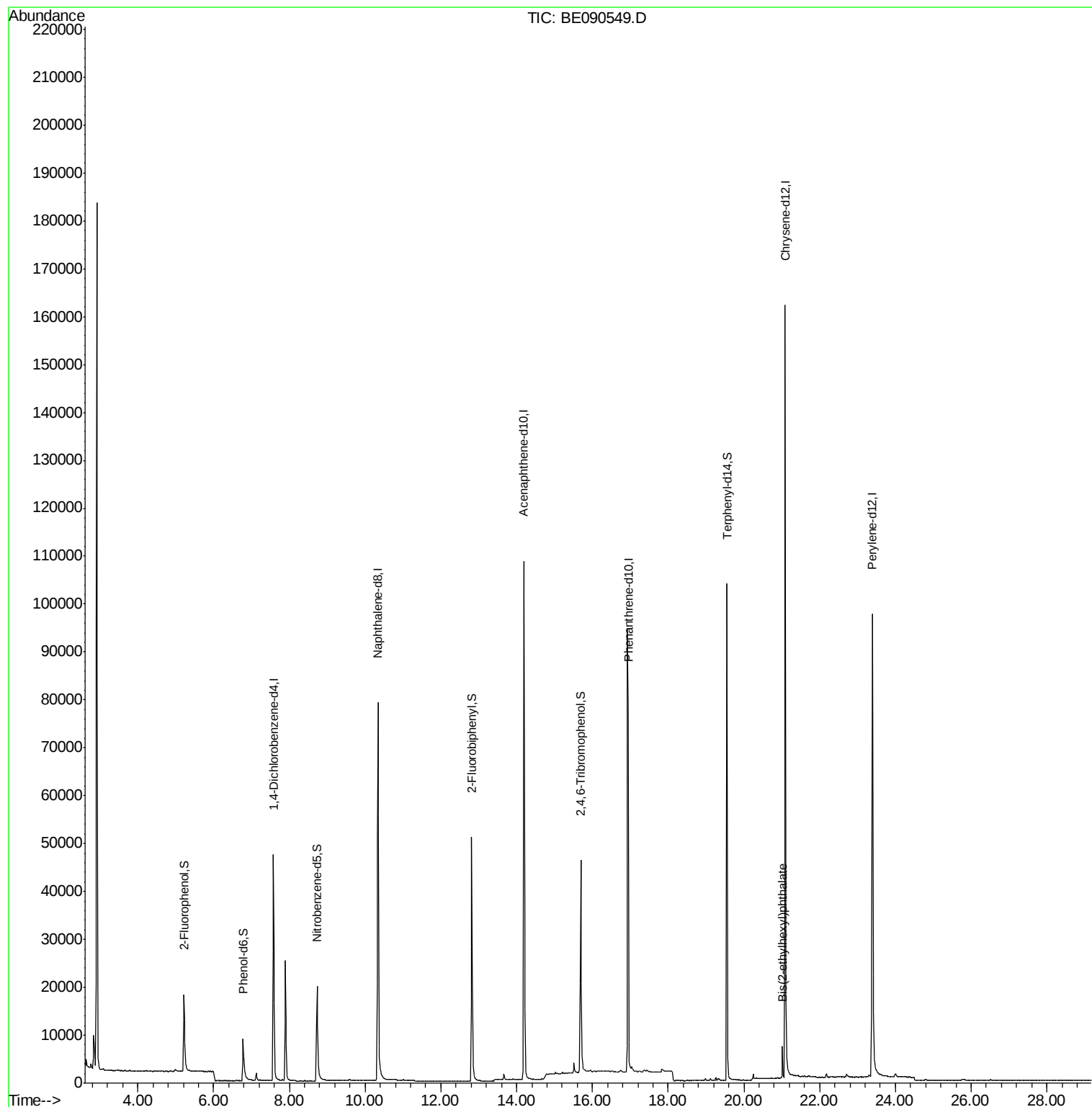
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	24830	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	126325	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	69559	5.00	ng	0.00
18) Phenanthrene-d10	16.95	188	149662	5.00	ng	0.00
25) Chrysene-d12	21.09	240	154144	5.00	ng	0.00
32) Perylene-d12	23.40	264	143284	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	15945	2.22	ng	0.00
5) Phenol-d6	6.78	99	16048	1.52	ng	0.00
7) Nitrobenzene-d5	8.73	82	25980	2.58	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	20996	7.84	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	59173	2.85	ng	0.00
27) Terphenyl-d14	19.55	244	108491	3.85	ng	0.00
Target Compounds						
30) Bis(2-ethylhexyl)phthalate	21.02	149	6447	0.40	ng	Qvalue 100

(#) = 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# 845

Delta R.T. 0.00 min

Lab File: BE090549.D

Acq: 18 Aug 2015 1:00

Instrument :

BNA_E

ClientSampleId :

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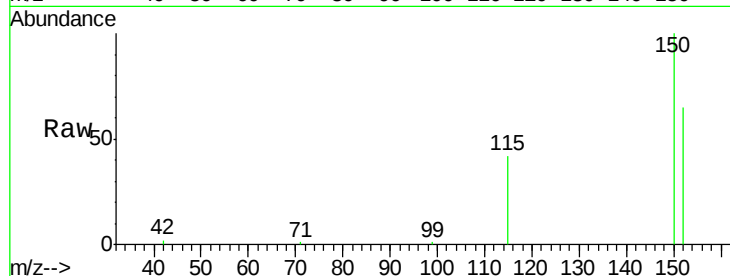
Tgt Ion:152 Resp: 24830

Ion Ratio Lower Upper

152 100

150 153.8 123.0 184.4

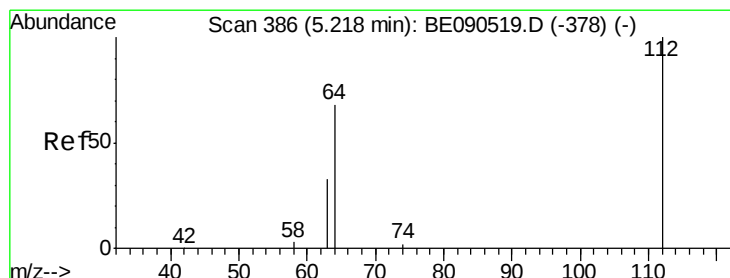
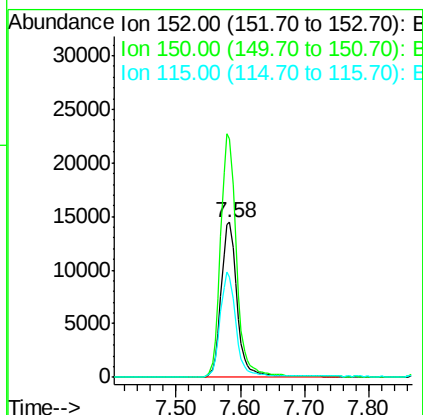
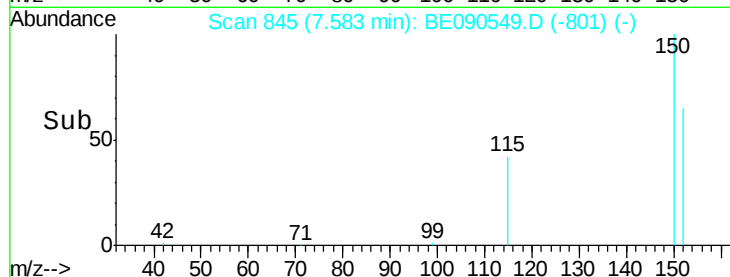
115 64.3 48.9 73.3



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: 2.22 ng

RT: 5.22 min Scan# 387

Delta R.T. 0.00 min

Lab File: BE090549.D

Acq: 18 Aug 2015 1:00

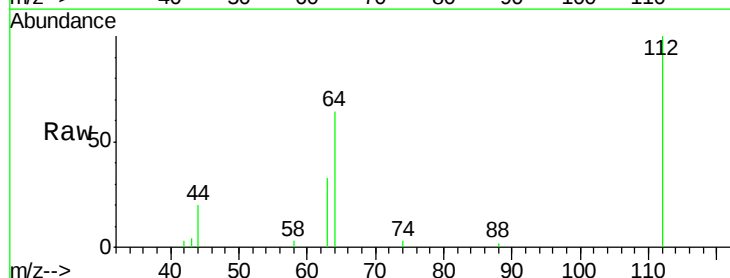
Tgt Ion:112 Resp: 15945

Ion Ratio Lower Upper

112 100

64 69.0 37.1 55.7#

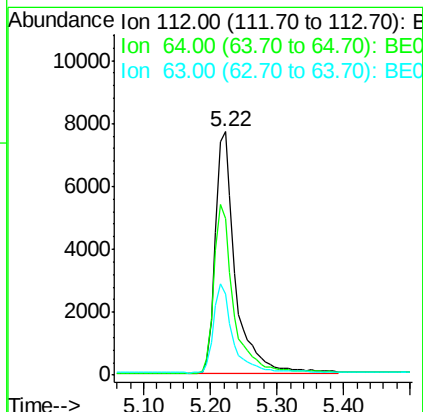
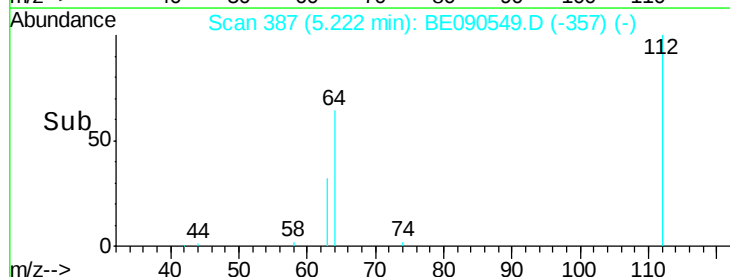
63 34.9 19.5 29.3#

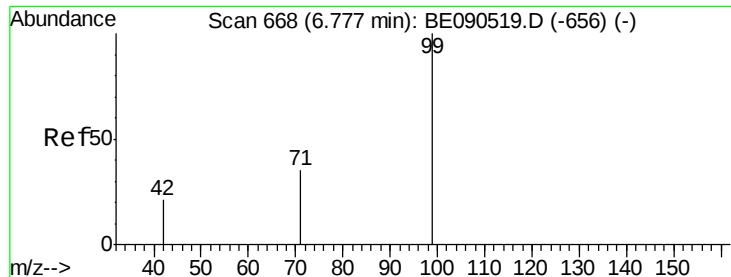


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.52 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090549.D

Acq: 18 Aug 2015 1:00

Instrument :

BNA_E

ClientSampleId :

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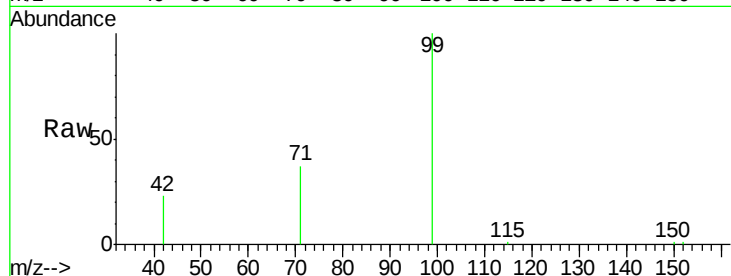
Tgt Ion: 99 Resp: 16048

Ion Ratio Lower Upper

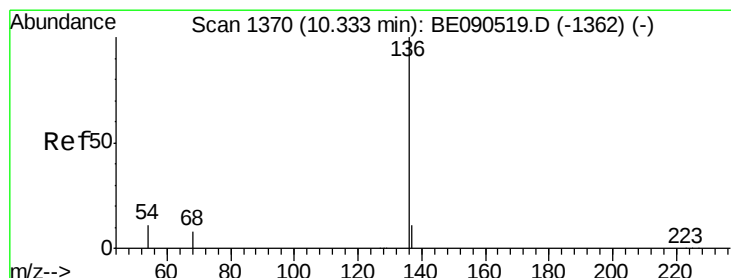
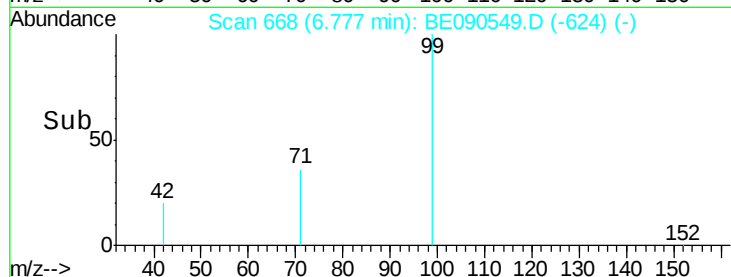
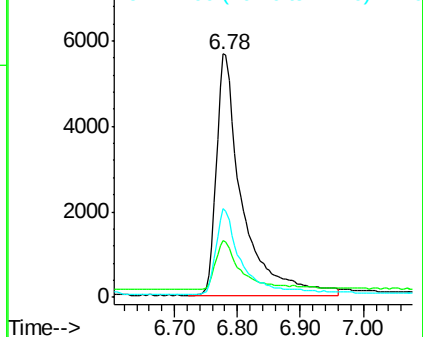
99 100

42 19.0 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: BE090549.D

Acq: 18 Aug 2015 1:00

Tgt Ion: 136 Resp: 126325

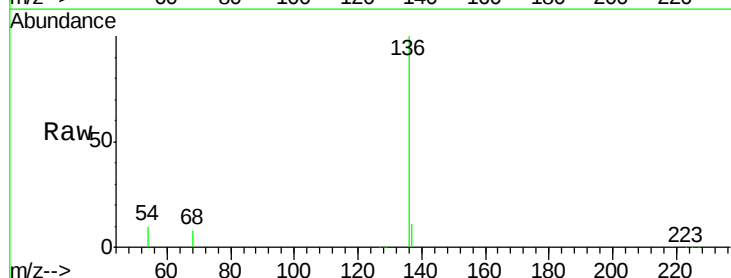
Ion Ratio Lower Upper

136 100

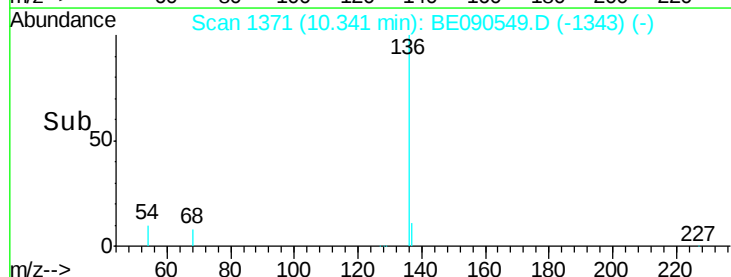
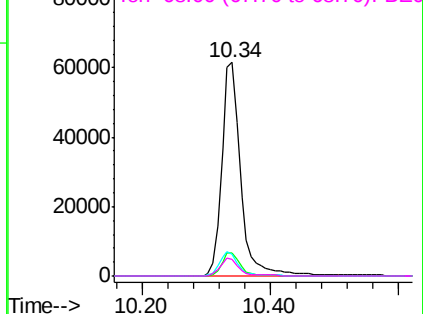
137 11.0 8.7 13.1

54 9.9 9.4 14.0

68 7.6 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: 2.58 ng

RT: 8.73 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE090549.D

Acq: 18 Aug 2015 1:00

Instrument :

BNA_E

ClientSampleId :

081315-D506-F-U-M

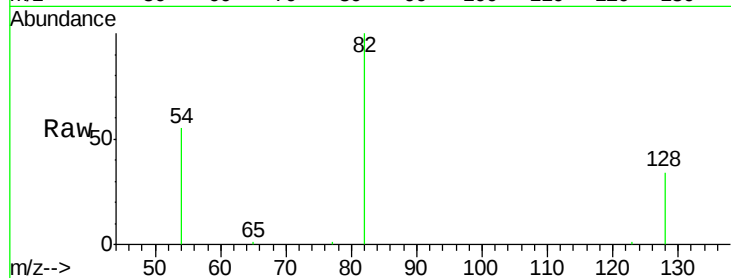
Tgt Ion: 82 Resp: 25980

Ion Ratio Lower Upper

82 100

128 33.7 25.0 37.6

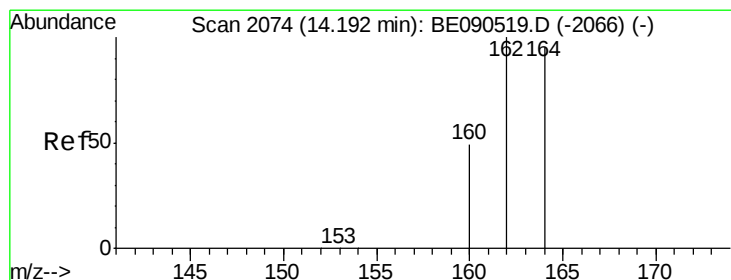
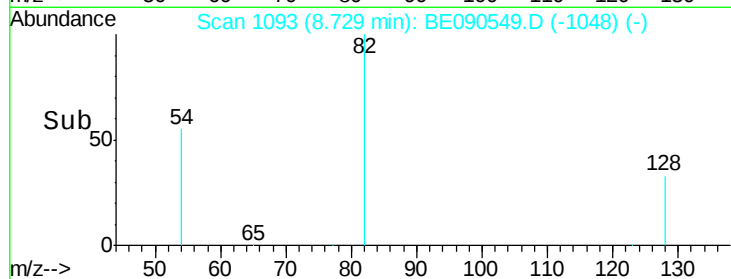
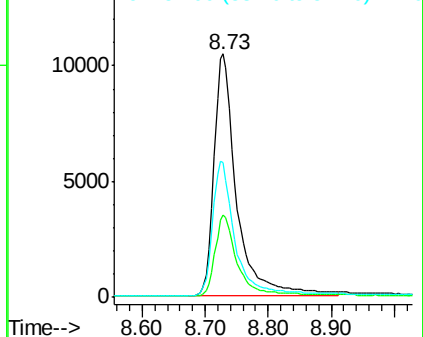
54 55.5 48.8 73.2



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BE090549.D

Acq: 18 Aug 2015 1:00

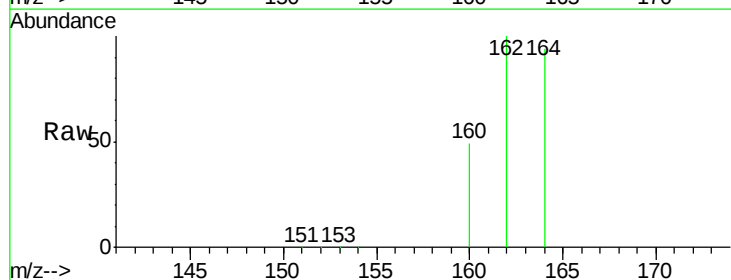
Tgt Ion: 164 Resp: 69559

Ion Ratio Lower Upper

164 100

162 106.7 81.8 122.8

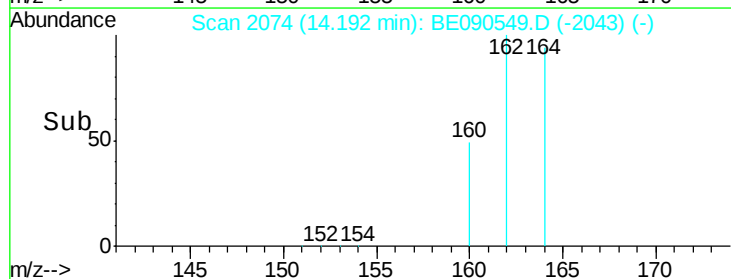
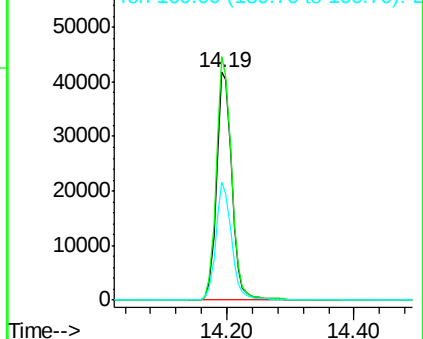
160 51.9 44.2 66.4



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

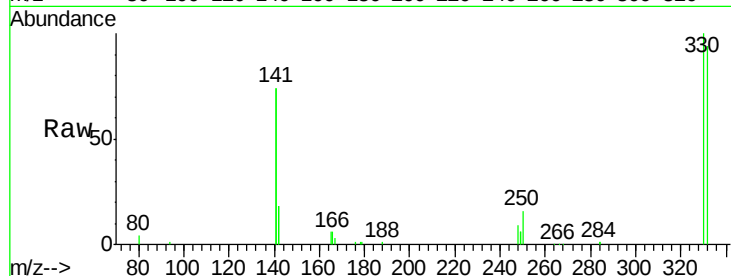




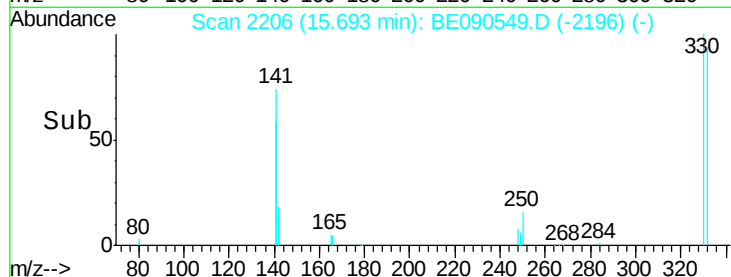
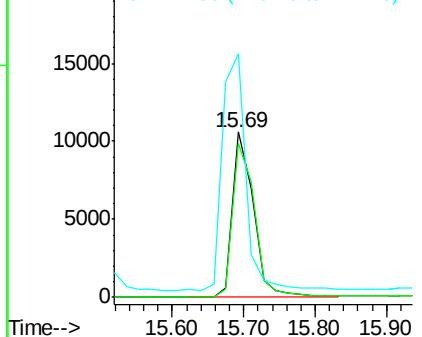
#13
 2,4,6-Tribromophenol
 Concen: 7.84 ng
 RT: 15.69 min Scan# 2206
 Delta R.T. -0.02 min
 Lab File: BE090549.D
 Acq: 18 Aug 2015 1:00

Instrument :
 BNA_E
 ClientSampleId :
 081315-D506-F-U-M

Tgt Ion:330 Resp: 20996
 Ion Ratio Lower Upper
 330 100
 332 97.9 75.8 113.6
 141 164.5 114.4 171.6

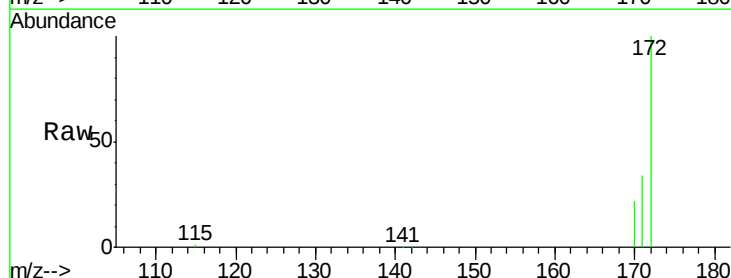


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

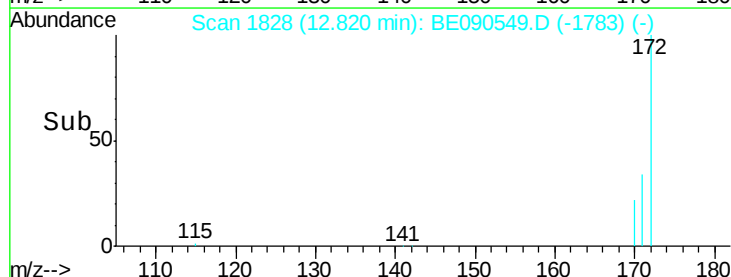
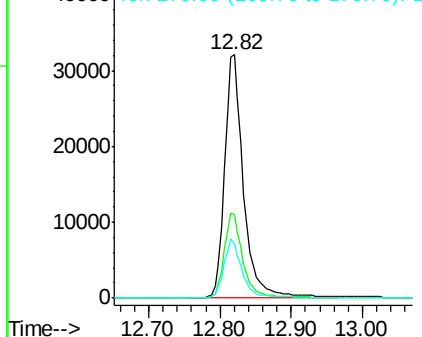


#14
 2-Fluorobiphenyl
 Concen: 2.85 ng
 RT: 12.82 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BE090549.D
 Acq: 18 Aug 2015 1:00

Tgt Ion:172 Resp: 59173
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.5 42.7
 170 22.4 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: 16.95 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BE090549.D

Acq: 18 Aug 2015 1:00

Instrument :

BNA_E

ClientSampleId :

081315-D506-F-U-M

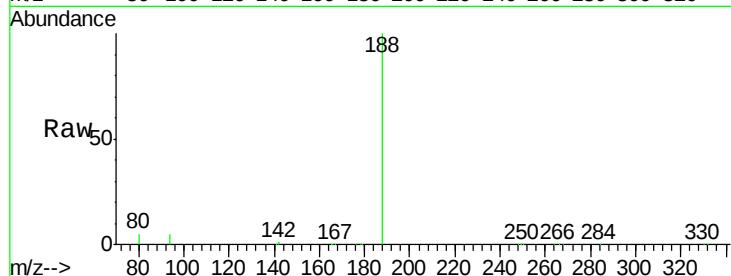
Tgt Ion:188 Resp: 149662

Ion Ratio Lower Upper

188 100

94 4.9 5.7 8.5#

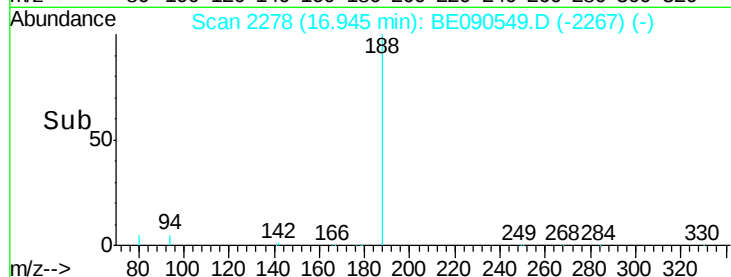
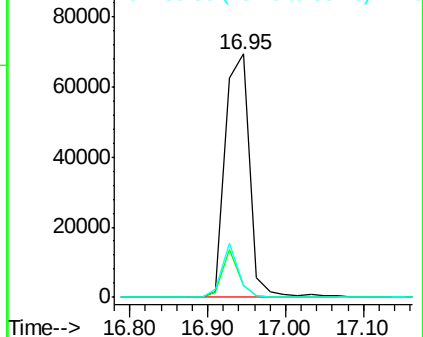
80 4.8 5.8 8.8#



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# 2865

Delta R.T. 0.00 min

Lab File: BE090549.D

Acq: 18 Aug 2015 1:00

Tgt Ion:240 Resp: 154144

Ion Ratio Lower Upper

240 100

120 13.0 8.3 12.5#

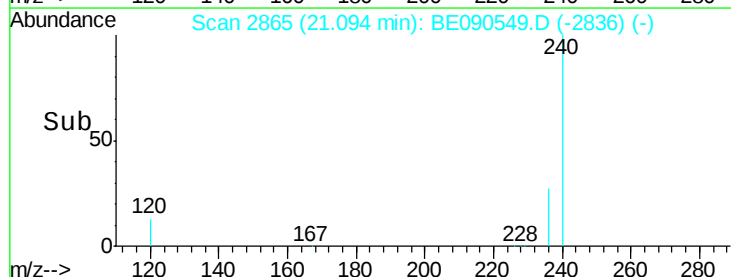
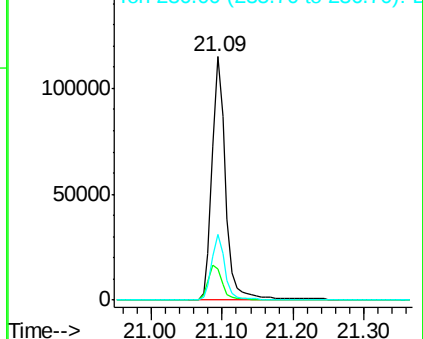
236 27.1 21.0 31.4



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: 3.85 ng

RT: 19.55 min Scan# 2614

Delta R.T. 0.00 min

Lab File: BE090549.D

Acq: 18 Aug 2015 1:00

Instrument :

BNA_E

ClientSampleId :

081315-D506-F-U-M

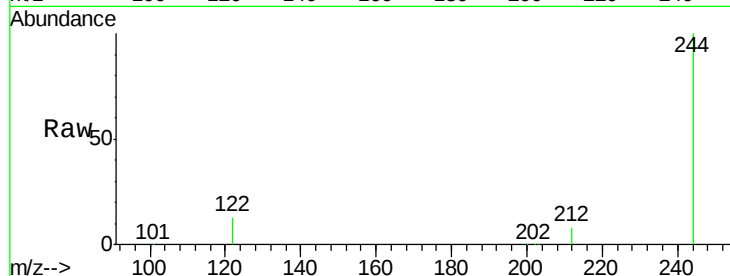
Tgt Ion:244 Resp: 108491

Ion Ratio Lower Upper

244 100

212 7.9 6.6 9.8

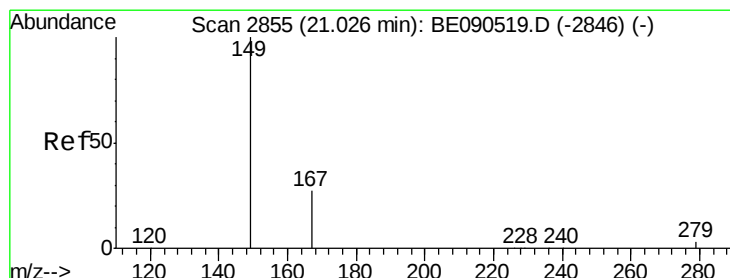
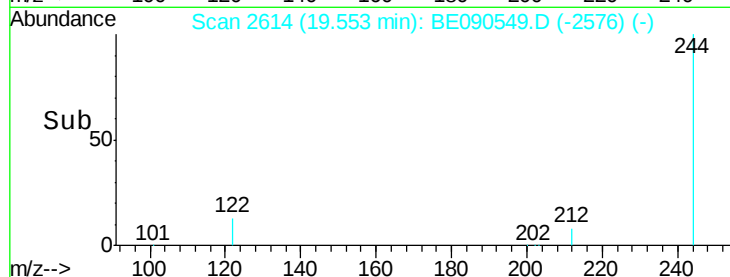
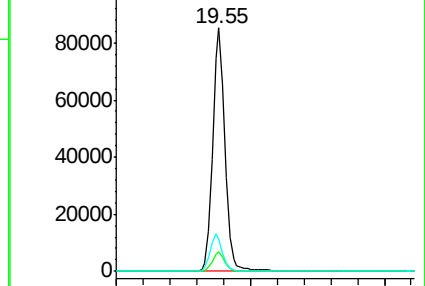
122 13.3 10.2 15.4



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.40 ng

RT: 21.02 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BE090549.D

Acq: 18 Aug 2015 1:00

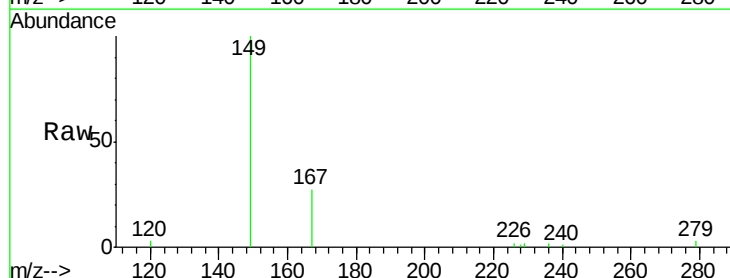
Tgt Ion:149 Resp: 6447

Ion Ratio Lower Upper

149 100

167 24.9 19.8 29.8

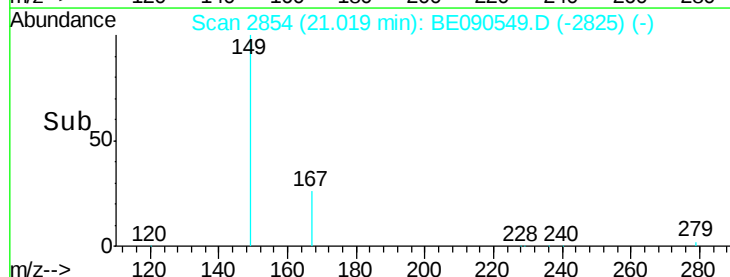
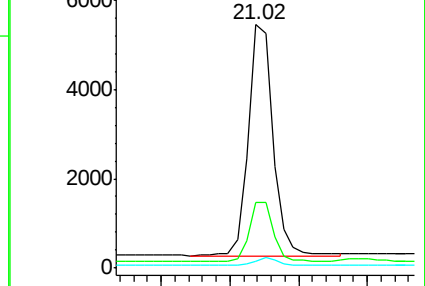
279 2.9 2.4 3.6

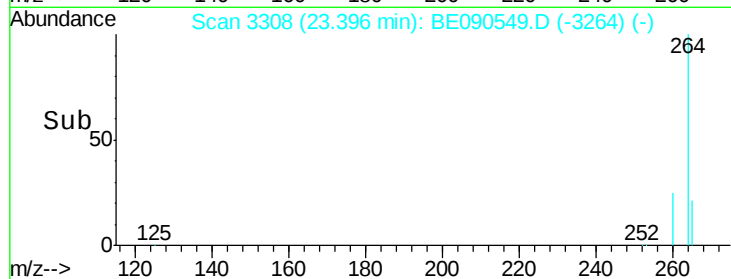
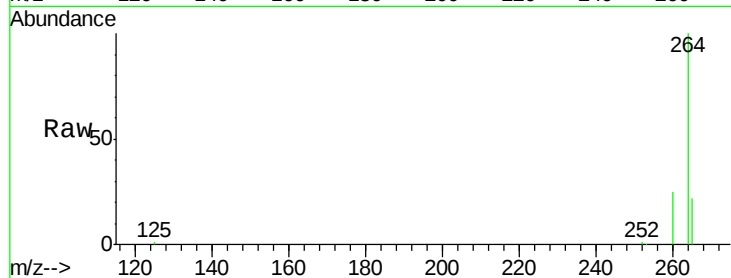


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.40 min Scan# 3308

Delta R.T. 0.00 min

Lab File: BE090549.D

Acq: 18 Aug 2015 1:00

Instrument :

BNA_E

ClientSampleId :

081315-D506-F-U-M

Tgt Ion: 264 Resp: 143284

Ion Ratio Lower Upper

264 100

260 25.2 20.1 30.1

265 21.6 17.2 25.8

