

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081115\
 Data File : BE090434.D
 Acq On : 11 Aug 2015 18:45
 Operator : UM/IZ
 Sample : G3229-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 080715-D506-E-U-M

Quant Time: Aug 12 04:33:29 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 06 12:28:08 2015
 Response via : Initial Calibration

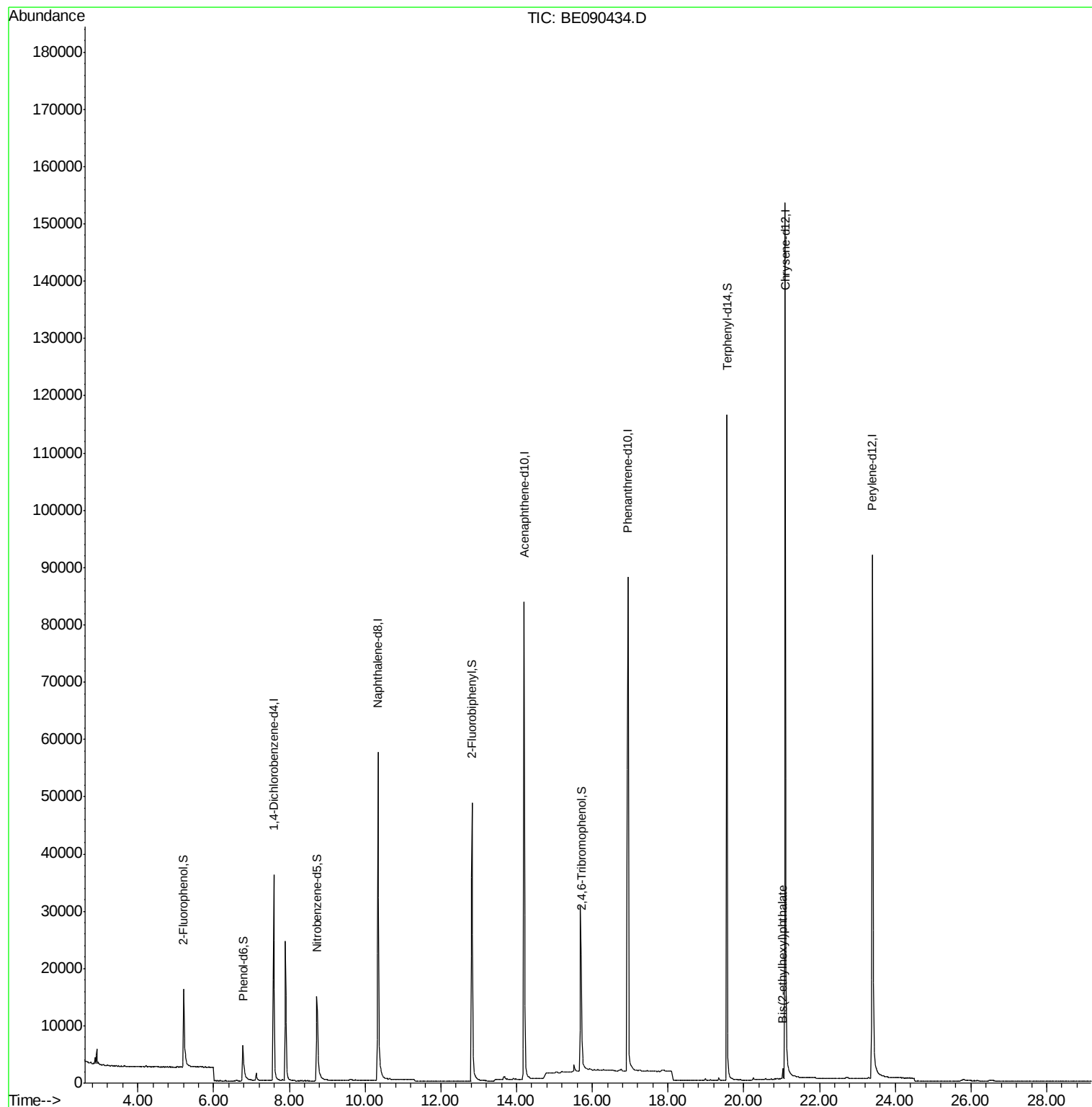
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	20403	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	93929	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	54851	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	130951	5.00	ng	0.00
25) Chrysene-d12	21.09	240	152399	5.00	ng	0.00
32) Perylene-d12	23.40	264	137068	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	13863	4.53	ng	0.00
5) Phenol-d6	6.77	99	12381	2.05	ng	0.00
7) Nitrobenzene-d5	8.73	82	23083	3.10	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	16388	9.14	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	60628	4.02	ng	0.00
27) Terphenyl-d14	19.55	244	123228	5.49	ng	-0.01
Target Compounds						
30) Bis(2-ethylhexyl)phthalate	21.03	149	1856	0.34	ng	Qvalue 98

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

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BNA_E
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080715-D506-E-U-M

Quant Time: Aug 12 04:33:29 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration

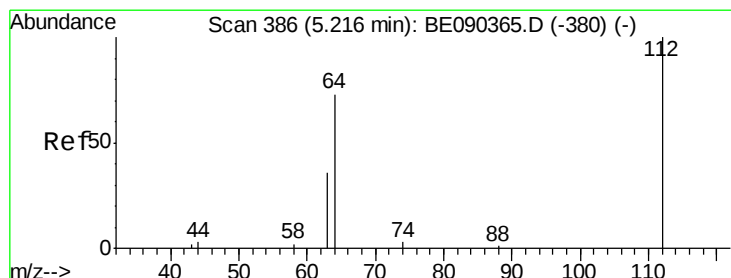
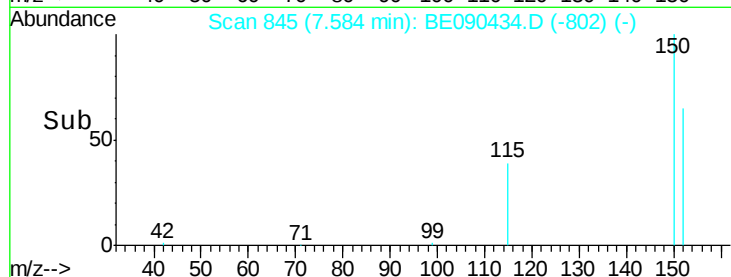
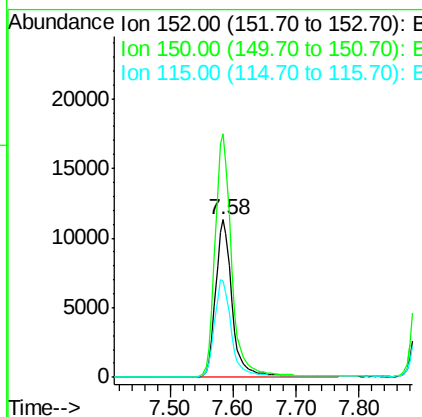
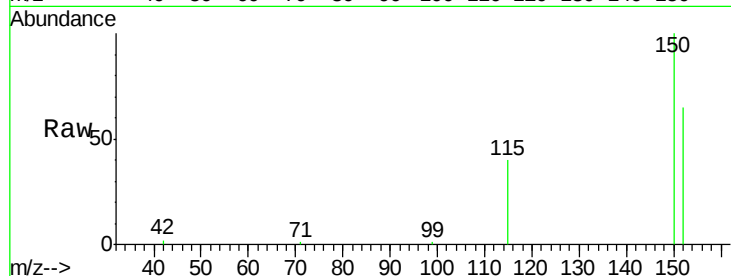




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.58 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BE090434.D
 Acq: 11 Aug 2015 18:45

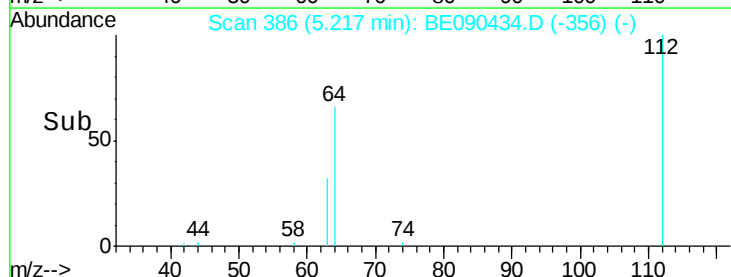
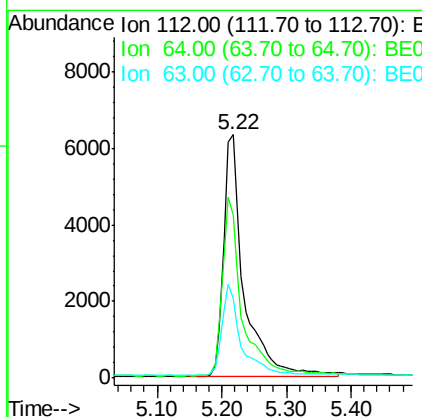
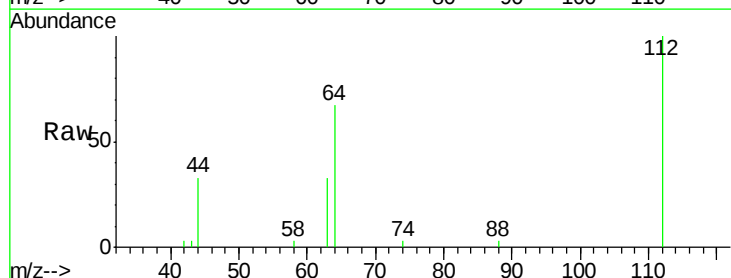
Instrument :
 BNA_E
 ClientSampleId :
 080715-D506-E-U-M

Tgt Ion:152 Resp: 20403
 Ion Ratio Lower Upper
 152 100
 150 154.8 123.0 184.4
 115 61.3 48.9 73.3



#4
 2-Fluorophenol
 Concen: 4.53 ng
 RT: 5.22 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: BE090434.D
 Acq: 11 Aug 2015 18:45

Tgt Ion:112 Resp: 13863
 Ion Ratio Lower Upper
 112 100
 64 71.8 37.1 55.7#
 63 36.4 19.5 29.3#





#5

Phenol-d6

Concen: 2.05 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.00 min

Lab File: BE090434.D

Acq: 11 Aug 2015 18:45

Instrument :

BNA_E

ClientSampleId :

080715-D506-E-U-M

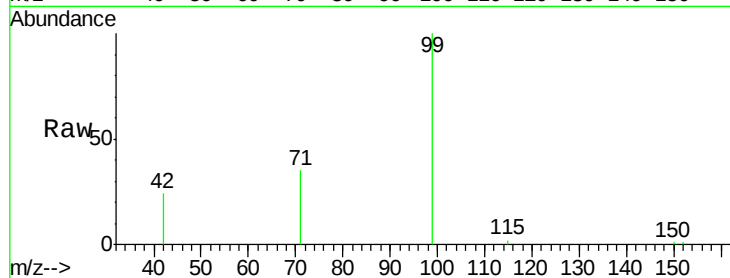
Tgt Ion: 99 Resp: 12381

Ion Ratio Lower Upper

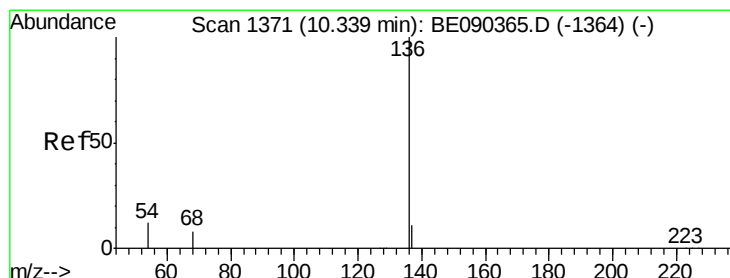
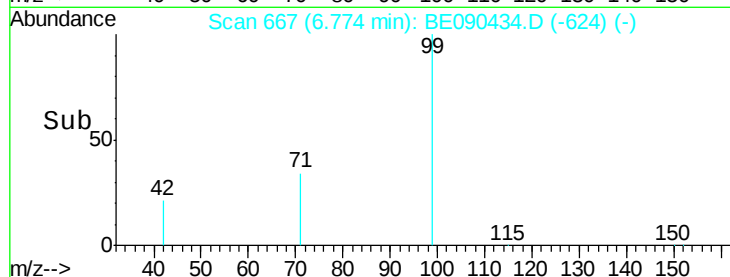
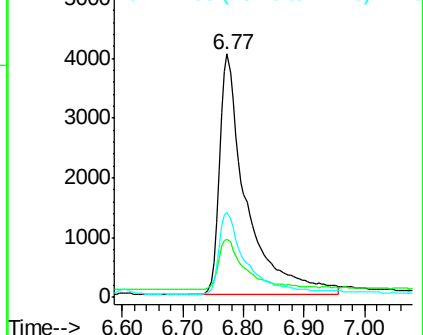
99 100

42 21.5 18.2 27.4

71 34.9 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. 0.00 min

Lab File: BE090434.D

Acq: 11 Aug 2015 18:45

Tgt Ion: 136 Resp: 93929

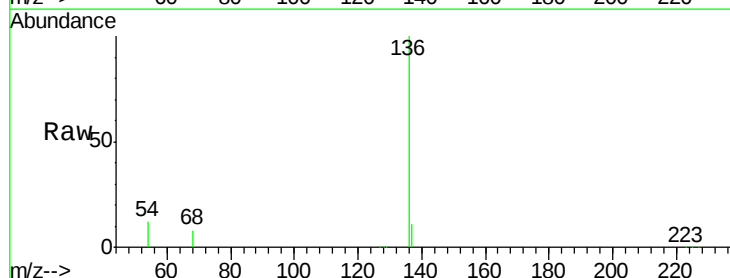
Ion Ratio Lower Upper

136 100

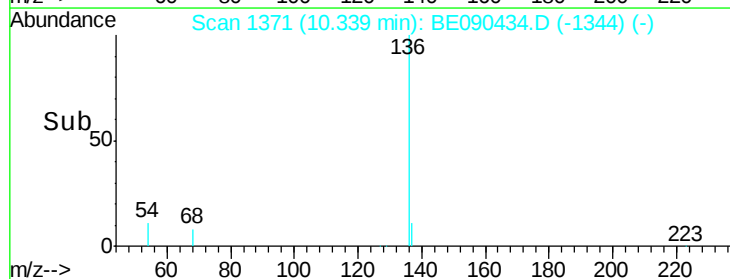
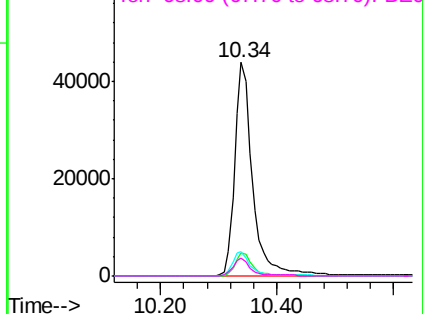
137 10.9 8.7 13.1

54 11.6 9.4 14.0

68 8.2 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: 3.10 ng

RT: 8.73 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BE090434.D

Acq: 11 Aug 2015 18:45

Instrument :

BNA_E

ClientSampleId :

080715-D506-E-U-M

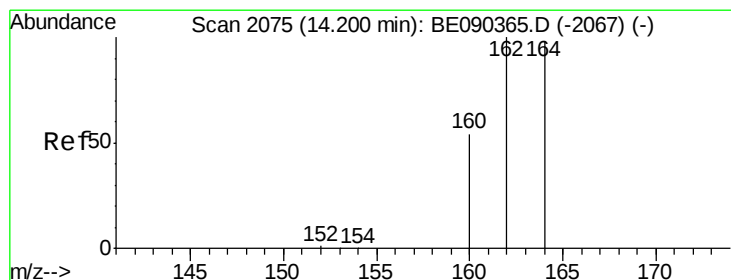
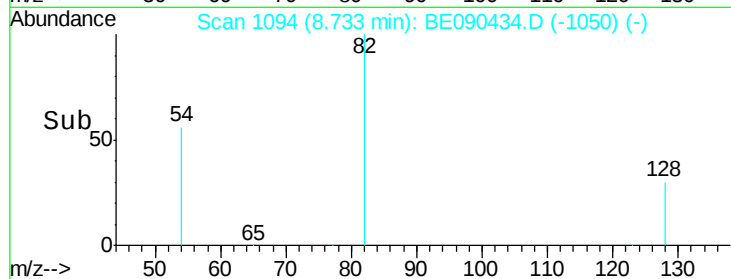
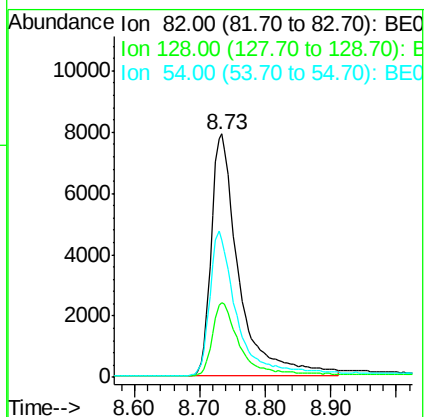
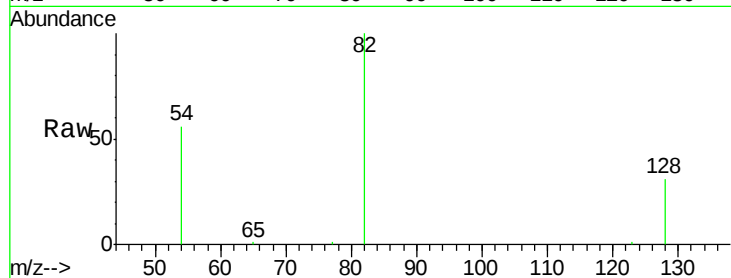
Tgt Ion: 82 Resp: 23083

Ion Ratio Lower Upper

82 100

128 30.9 25.0 37.6

54 56.5 48.8 73.2



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BE090434.D

Acq: 11 Aug 2015 18:45

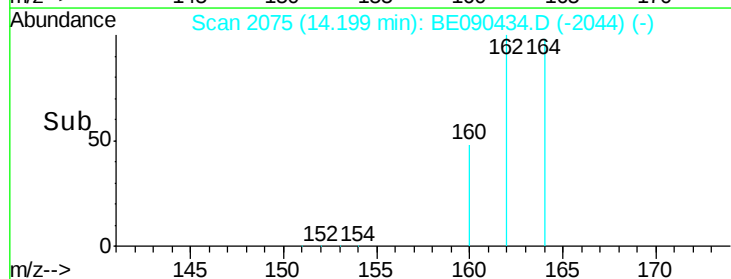
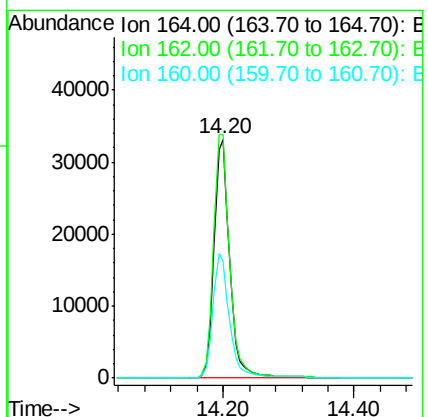
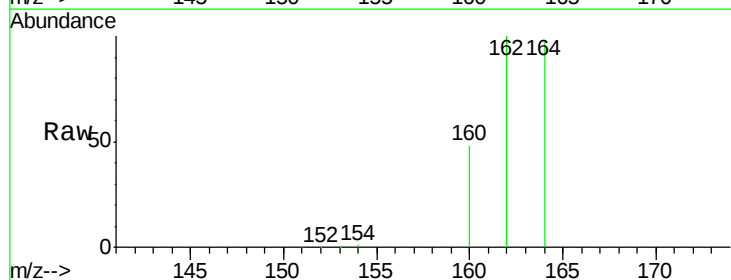
Tgt Ion: 164 Resp: 54851

Ion Ratio Lower Upper

164 100

162 102.1 81.8 122.8

160 49.2 44.2 66.4

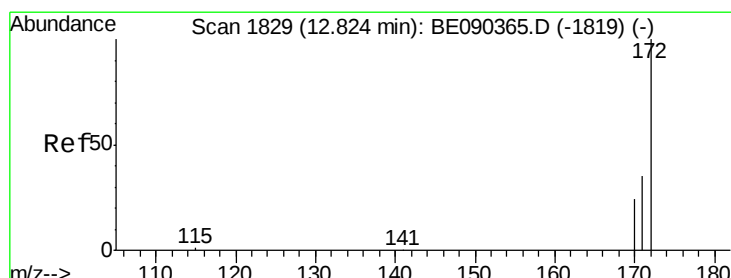
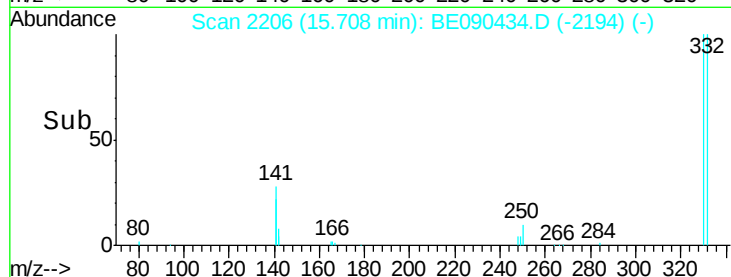
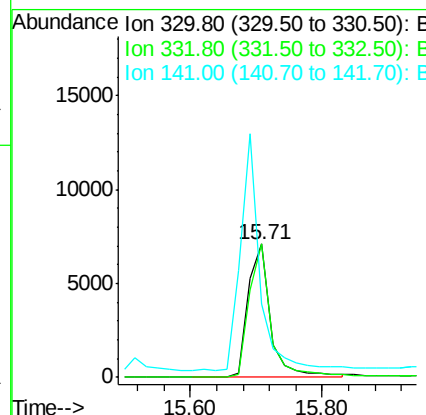
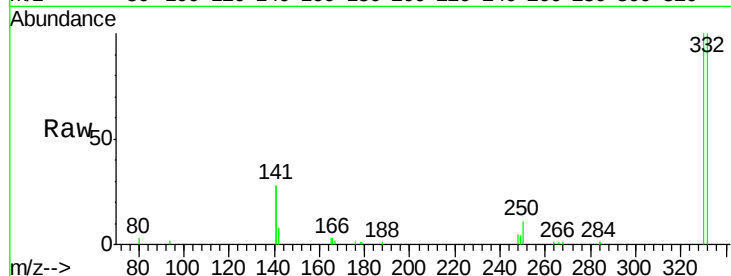




#13
 2,4,6-Tribromophenol
 Concen: 9.14 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE090434.D
 Acq: 11 Aug 2015 18:45

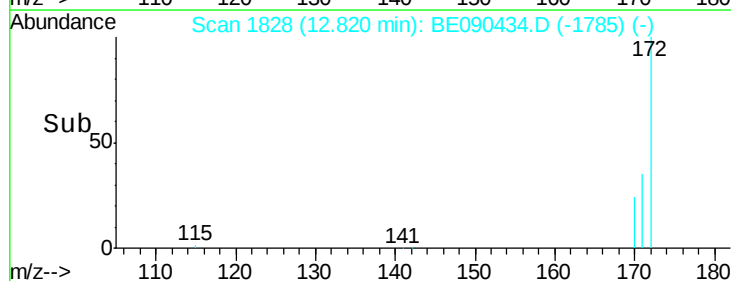
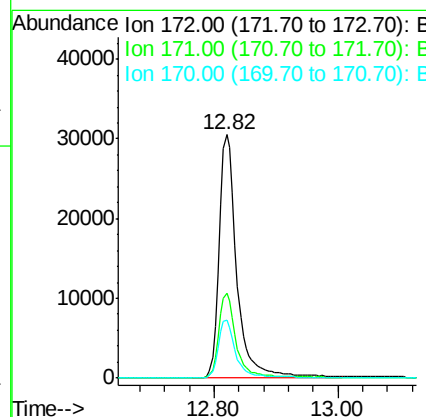
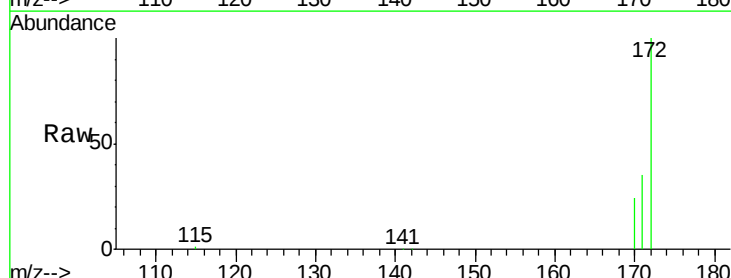
Instrument :
 BNA_E
 ClientSampleId :
 080715-D506-E-U-M

Tgt Ion:330 Resp: 16388
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.8 113.6
 141 154.8 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 4.02 ng
 RT: 12.82 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BE090434.D
 Acq: 11 Aug 2015 18:45

Tgt Ion:172 Resp: 60628
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 23.8 19.8 29.8





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BE090434.D

Acq: 11 Aug 2015 18:45

Instrument :

BNA_E

ClientSampleId :

080715-D506-E-U-M

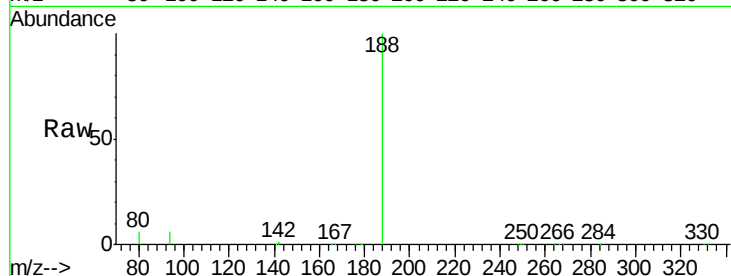
Tgt Ion:188 Resp: 130951

Ion Ratio Lower Upper

188 100

94 6.1 5.7 8.5

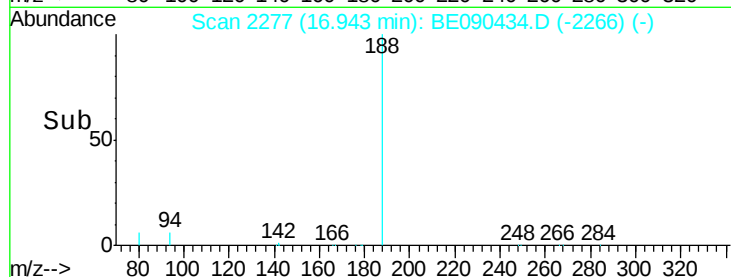
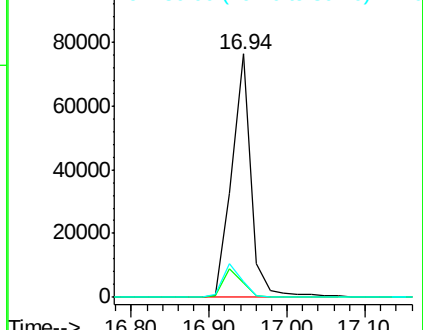
80 6.4 5.8 8.8



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# 2864

Delta R.T. -0.01 min

Lab File: BE090434.D

Acq: 11 Aug 2015 18:45

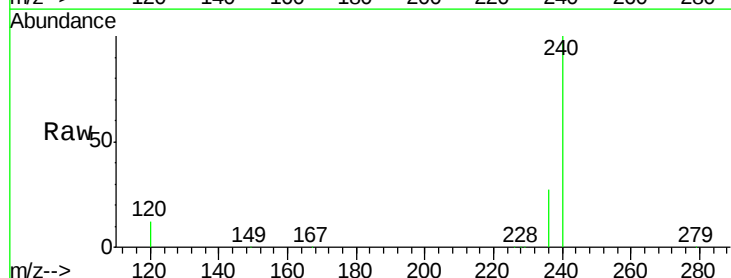
Tgt Ion:240 Resp: 152399

Ion Ratio Lower Upper

240 100

120 12.1 8.3 12.5

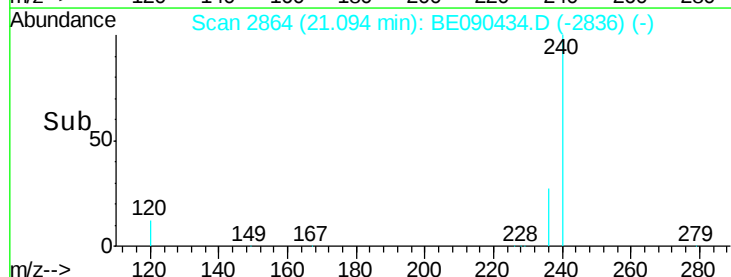
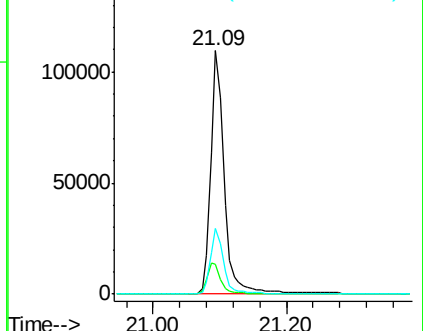
236 27.1 21.0 31.4



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: 5.49 ng

RT: 19.55 min Scan# 2613

Delta R.T. -0.01 min

Lab File: BE090434.D

Acq: 11 Aug 2015 18:45

Instrument :

BNA_E

ClientSampleId :

080715-D506-E-U-M

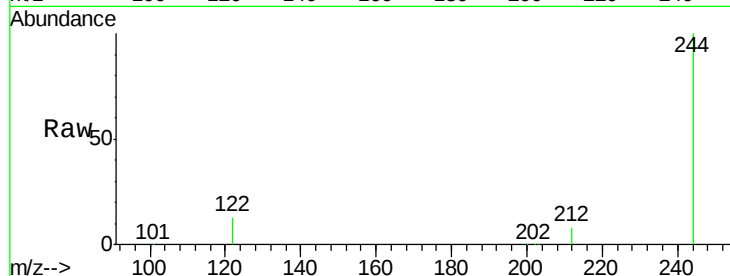
Tgt Ion:244 Resp: 123228

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

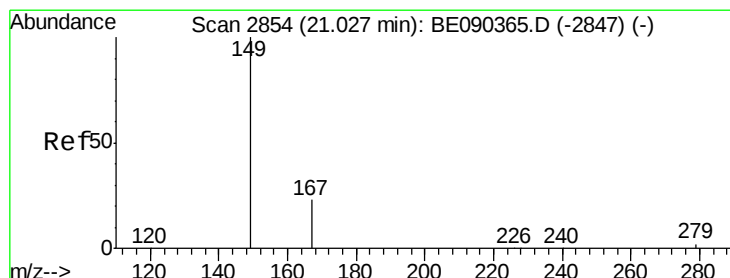
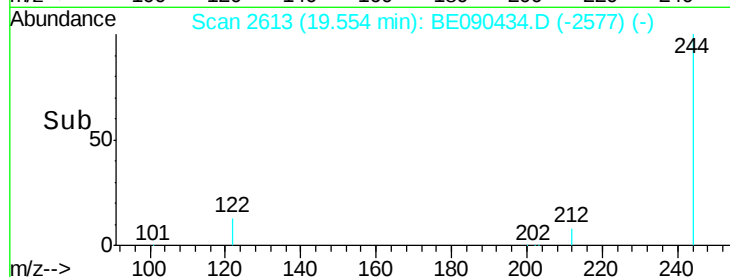
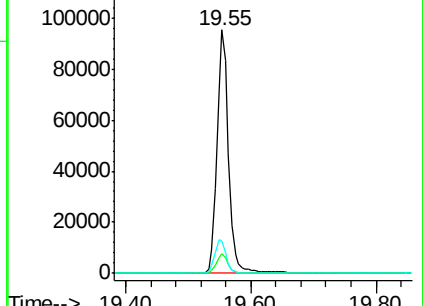
122 13.4 10.2 15.4



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: 0.34 ng

RT: 21.03 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BE090434.D

Acq: 11 Aug 2015 18:45

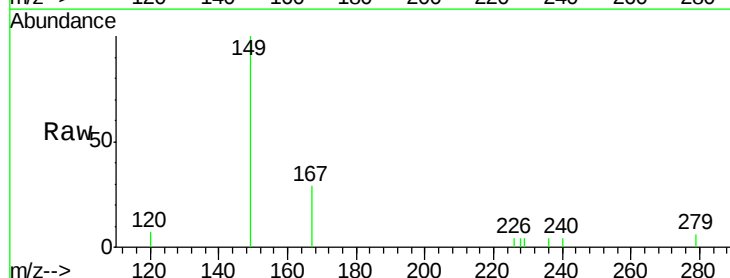
Tgt Ion:149 Resp: 1856

Ion Ratio Lower Upper

149 100

167 23.6 19.8 29.8

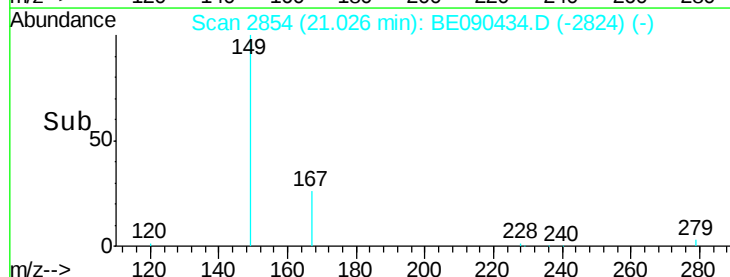
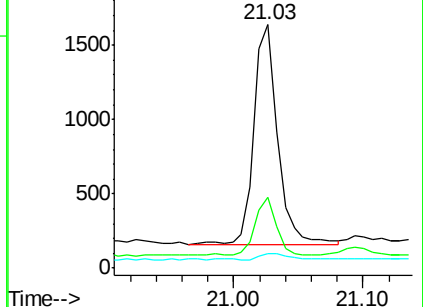
279 3.3 2.4 3.6

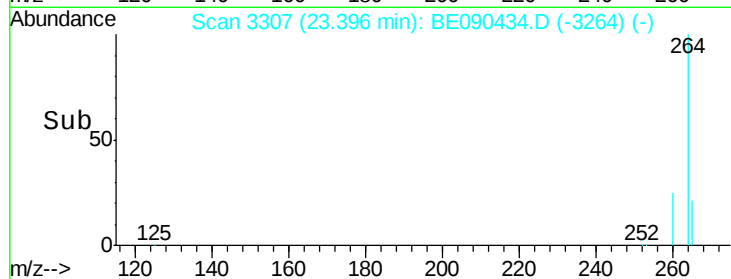


Abundance Ion 149.00 (148.70 to 149.70): E

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# 3307

Delta R.T. -0.00 min

Lab File: BE090434.D

Acq: 11 Aug 2015 18:45

Instrument :

BNA_E

ClientSampleId :

080715-D506-E-U-M

Tgt Ion: 264 Resp: 137068

Ion Ratio Lower Upper

264 100

260 25.1 20.1 30.1

265 22.0 17.2 25.8

