

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082515\
 Data File : BE090619.D
 Acq On : 25 Aug 2015 18:33
 Operator : UM/IZ
 Sample : G3401-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 082215-D534-E-D-S

Quant Time: Aug 26 13:17:00 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

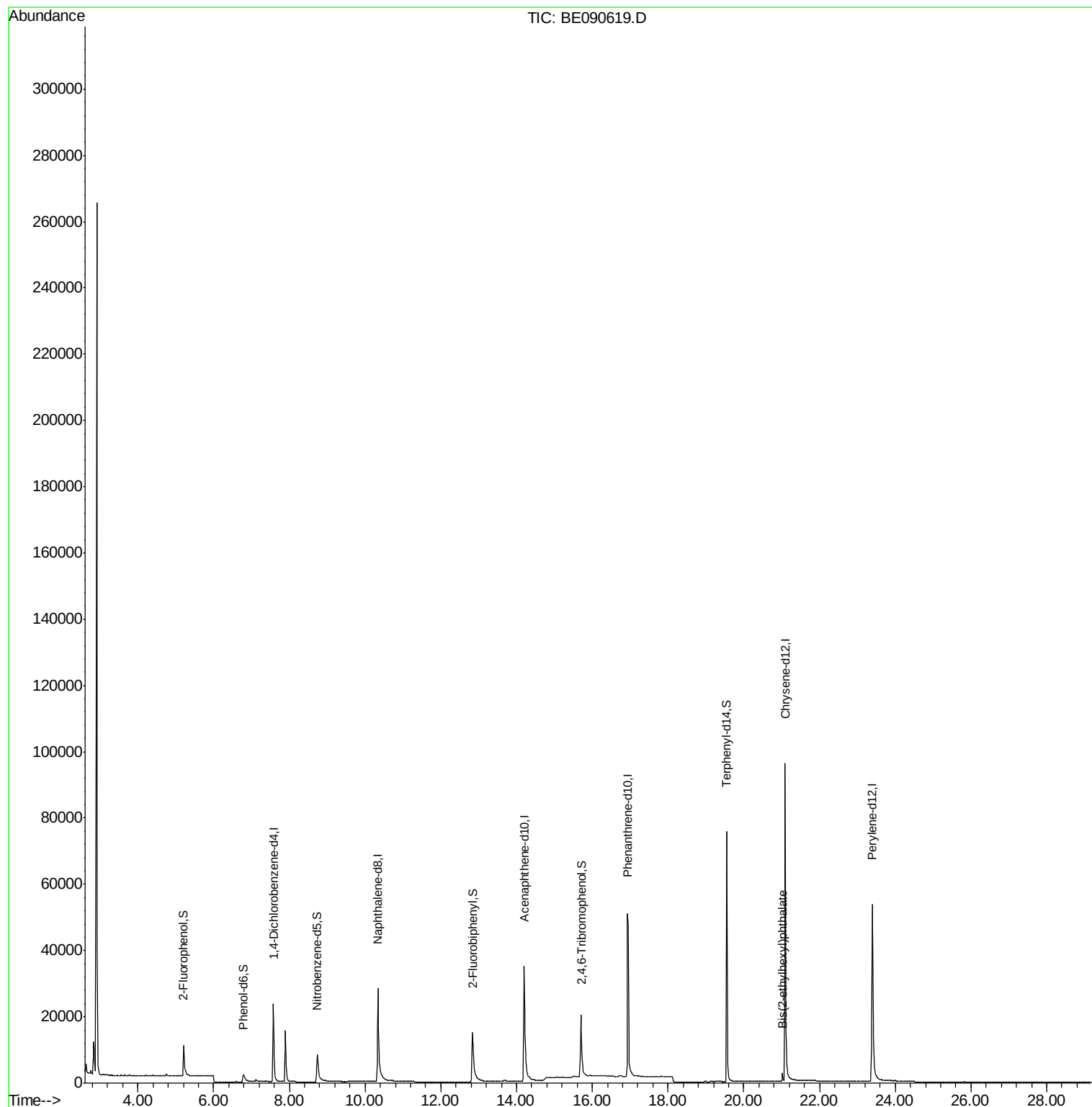
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	14262	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	60189	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	35722	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	98010	5.00	ng	0.00
25) Chrysene-d12	21.09	240	110257	5.00	ng	0.00
32) Perylene-d12	23.40	264	95069	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	10161	2.46	ng	0.00
5) Phenol-d6	6.78	99	7141	1.18	ng	0.00
7) Nitrobenzene-d5	8.74	82	15721	3.28	ng	0.01
13) 2,4,6-Tribromophenol	15.71	330	12154	8.84	ng	0.00
14) 2-Fluorobiphenyl	12.83	172	35191	3.30	ng	0.02
27) Terphenyl-d14	19.55	244	84725	4.20	ng	0.00
Target Compounds						
30) Bis(2-ethylhexyl)phthalate	21.02	149	2283	0.27	ng	Qvalue 100

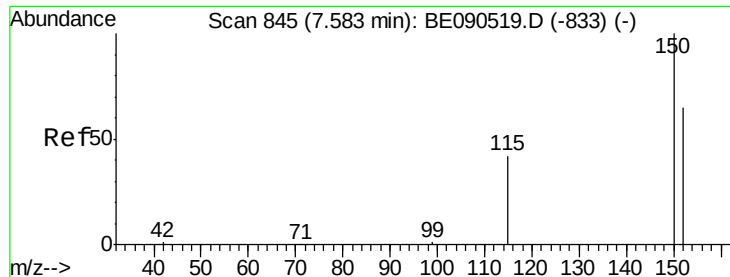
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 844

Delta R.T. -0.00 min

Lab File: BE090619.D

Acq: 25 Aug 2015 18:33

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ClientSampleId :

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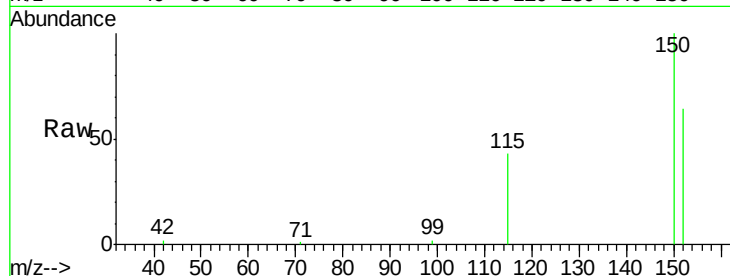
Tgt Ion:152 Resp: 14262

Ion Ratio Lower Upper

152 100

150 156.4 123.0 184.4

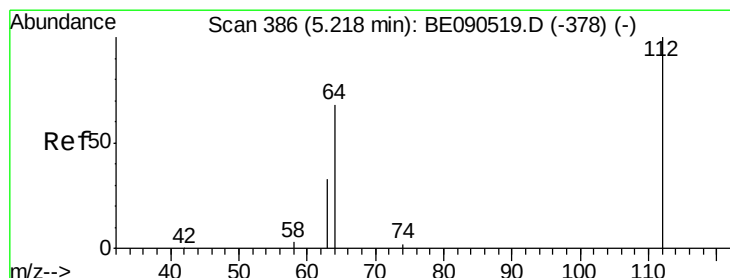
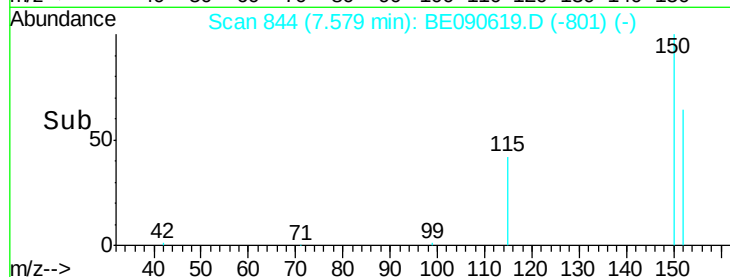
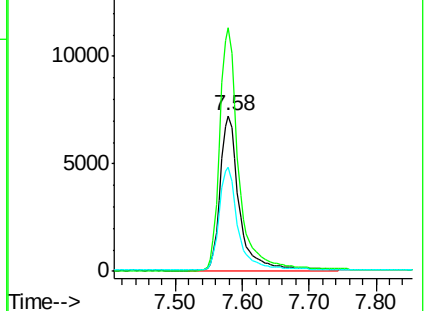
115 66.8 48.9 73.3



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: 2.46 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090619.D

Acq: 25 Aug 2015 18:33

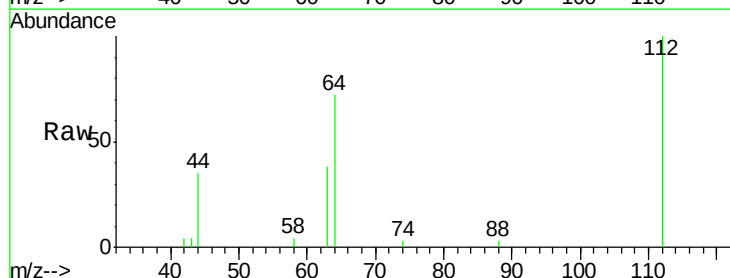
Tgt Ion:112 Resp: 10161

Ion Ratio Lower Upper

112 100

64 69.9 37.1 55.7#

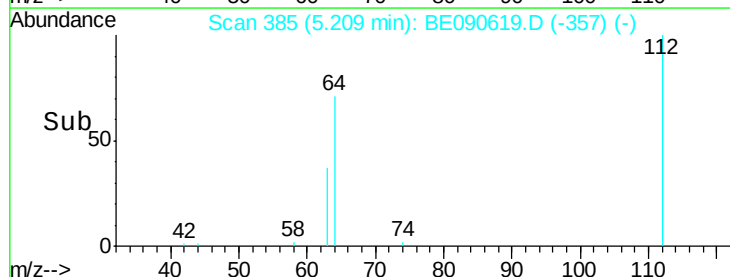
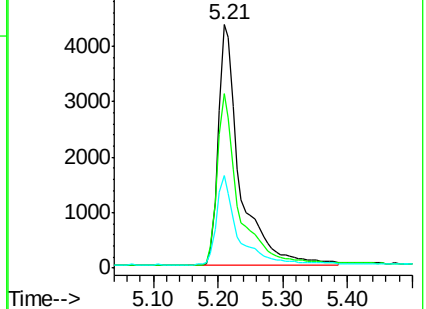
63 36.1 19.5 29.3#

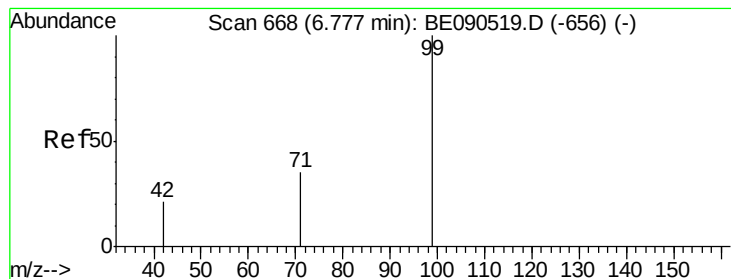


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.18 ng

RT: 6.78 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE090619.D

Acq: 25 Aug 2015 18:33

Instrument :

BNA_E

ClientSampleId :

082215-D534-E-D-S

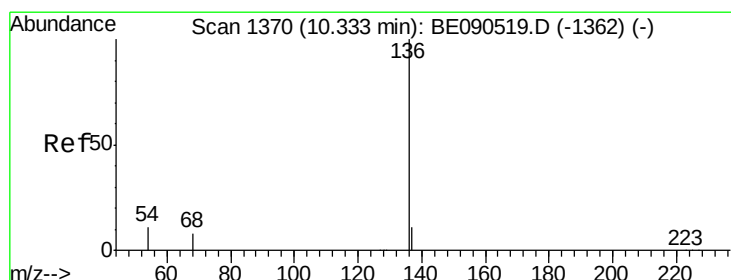
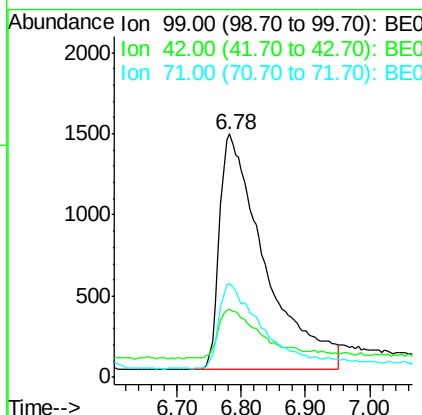
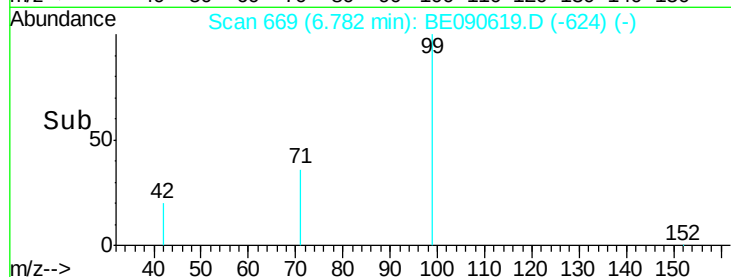
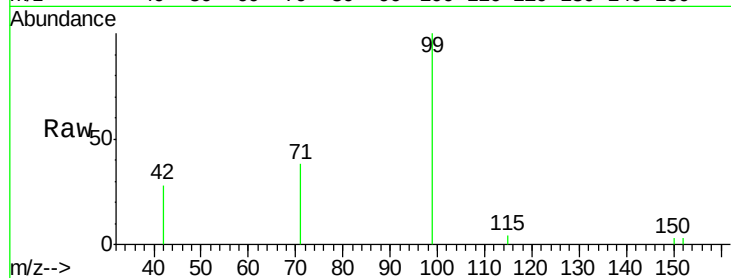
Tgt Ion: 99 Resp: 7141

Ion Ratio Lower Upper

99 100

42 19.5 18.2 27.4

71 35.0 27.4 41.0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BE090619.D

Acq: 25 Aug 2015 18:33

Tgt Ion: 136 Resp: 60189

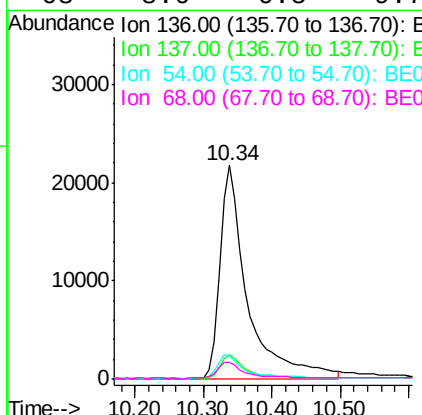
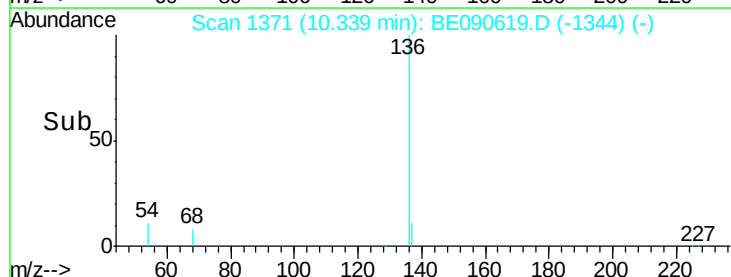
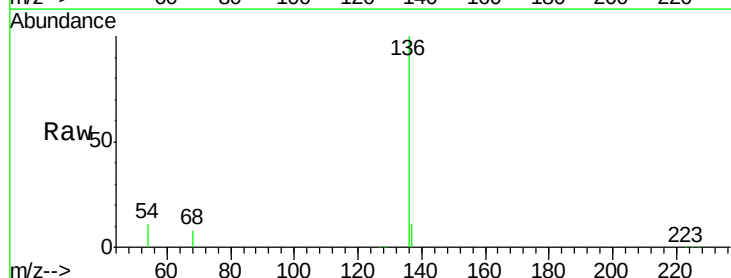
Ion Ratio Lower Upper

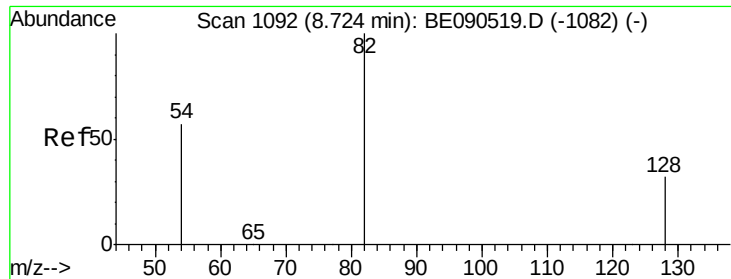
136 100

137 11.2 8.7 13.1

54 11.1 9.4 14.0

68 8.0 6.5 9.7





#7

Nitrobenzene-d5

Concen: 3.28 ng

RT: 8.74 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BE090619.D

Acq: 25 Aug 2015 18:33

Instrument :

BNA_E

ClientSampleId :

082215-D534-E-D-S

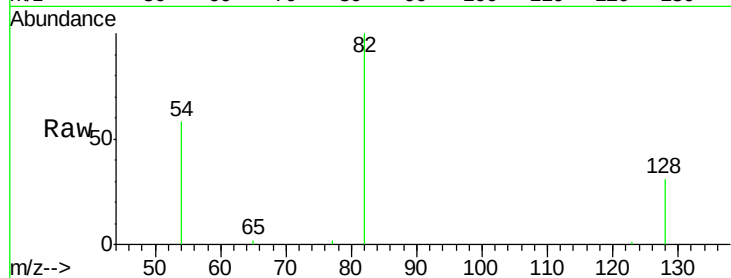
Tgt Ion: 82 Resp: 15721

Ion Ratio Lower Upper

82 100

128 31.4 25.0 37.6

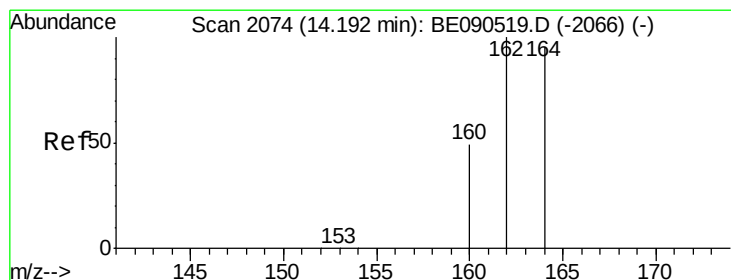
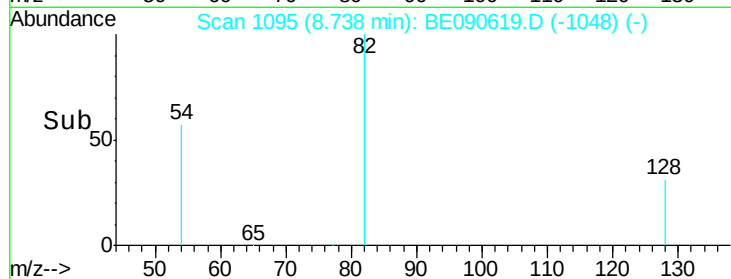
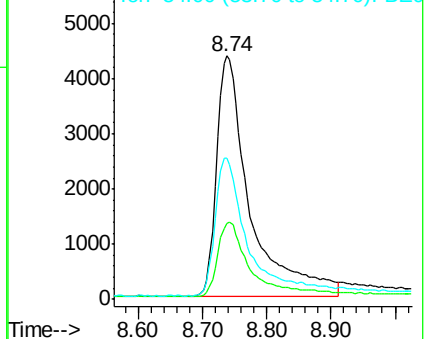
54 57.9 48.8 73.2



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: 14.20 min Scan# 2075

Delta R.T. 0.01 min

Lab File: BE090619.D

Acq: 25 Aug 2015 18:33

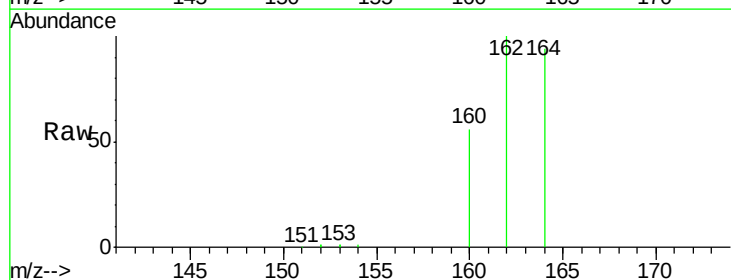
Tgt Ion: 164 Resp: 35722

Ion Ratio Lower Upper

164 100

162 105.9 81.8 122.8

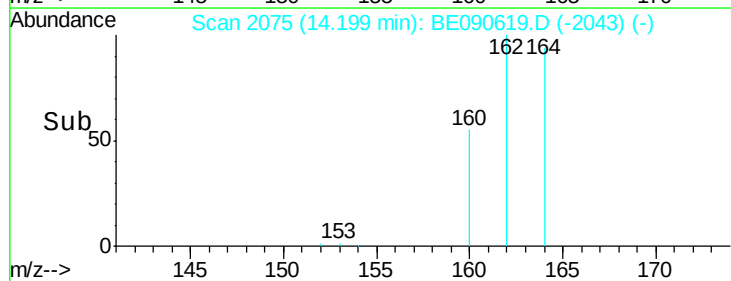
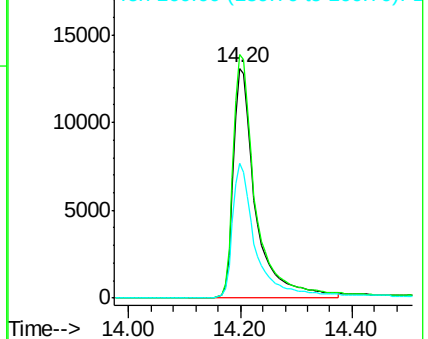
160 58.9 44.2 66.4

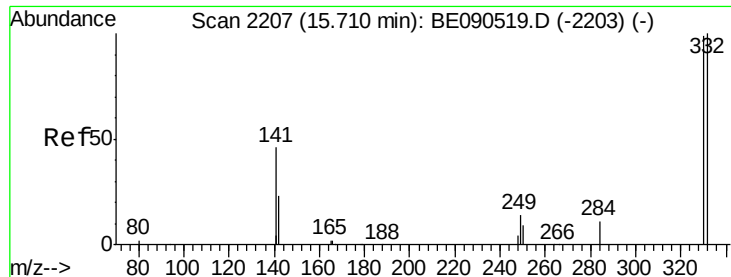


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

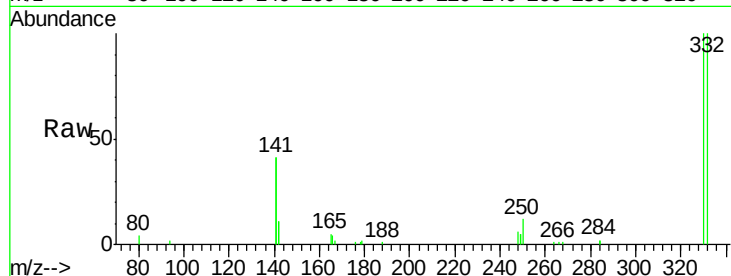




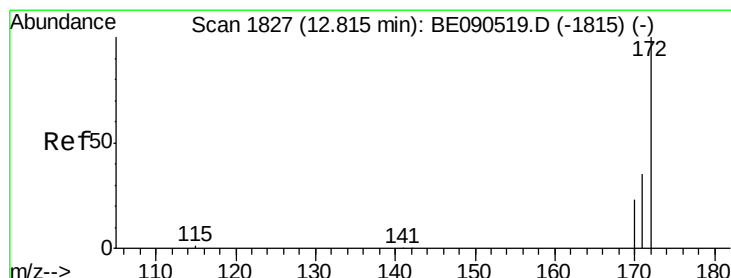
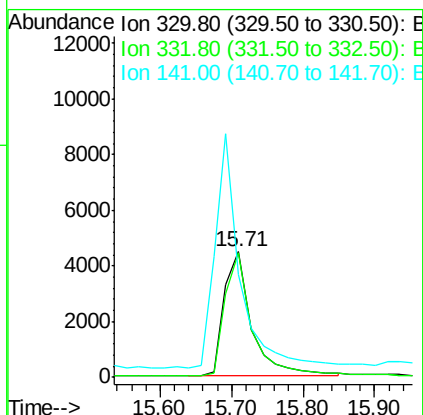
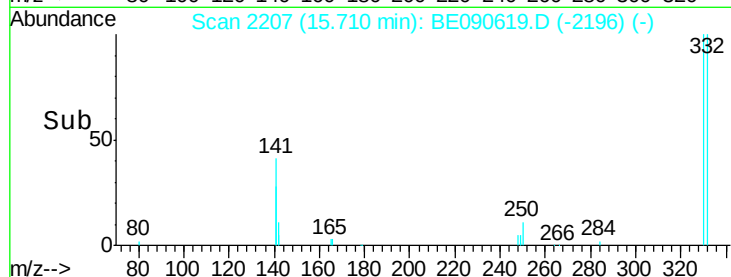
#13
 2,4,6-Tribromophenol
 Concen: 8.84 ng
 RT: 15.71 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090619.D
 Acq: 25 Aug 2015 18:33

Instrument :
 BNA_E
 ClientSampleId :
 082215-D534-E-D-S

Tgt Ion:330 Resp: 12154
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.8 113.6
 141 170.4 114.4 171.6

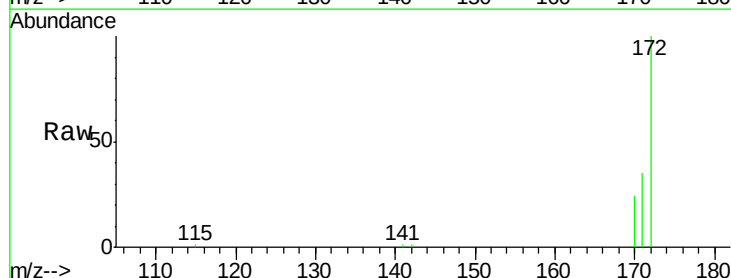


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

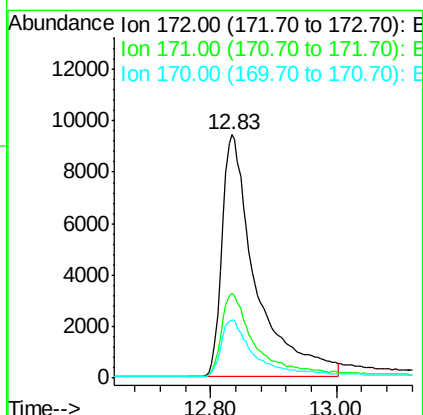
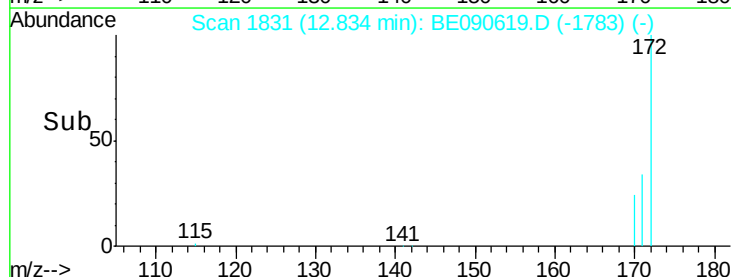


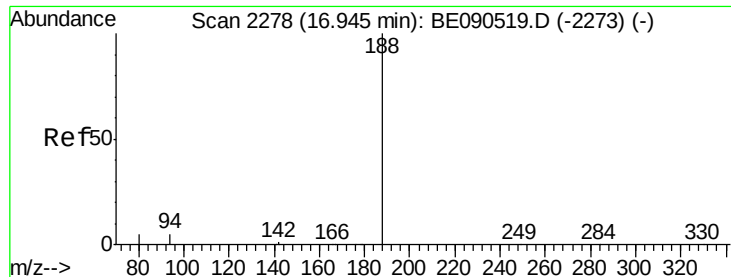
#14
 2-Fluorobiphenyl
 Concen: 3.30 ng
 RT: 12.83 min Scan# 1831
 Delta R.T. 0.02 min
 Lab File: BE090619.D
 Acq: 25 Aug 2015 18:33

Tgt Ion:172 Resp: 35191
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 24.0 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

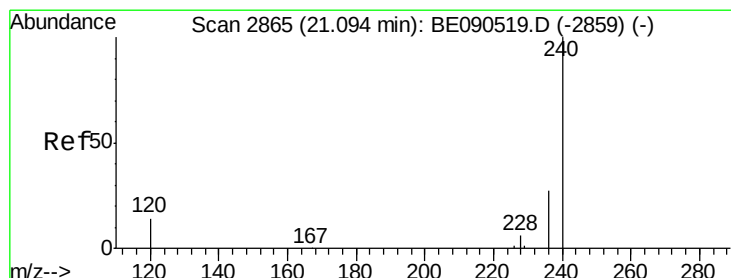
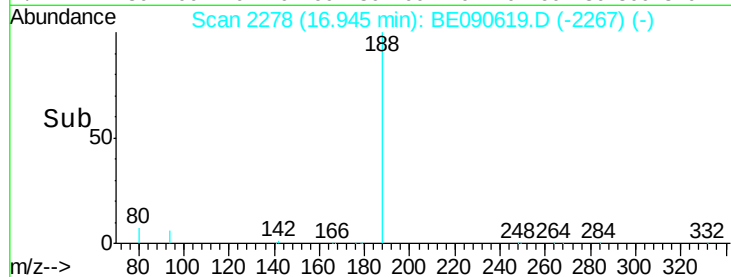
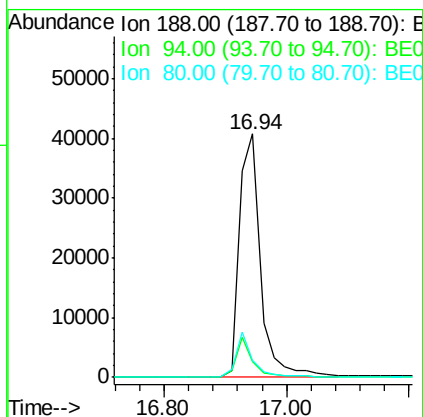
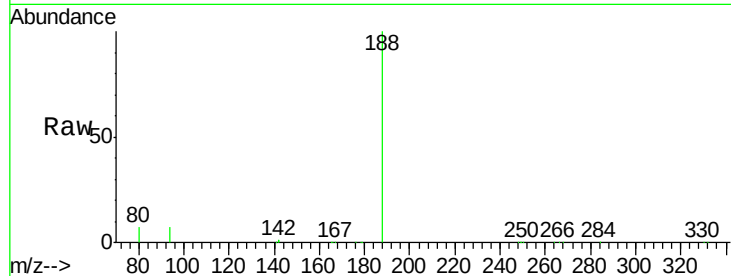




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090619.D
Acq: 25 Aug 2015 18:33

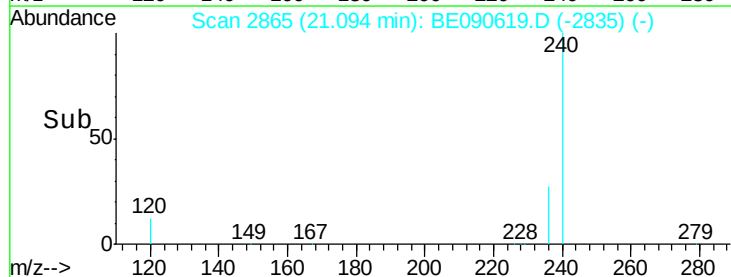
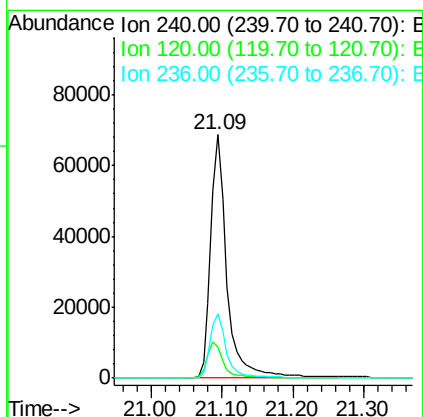
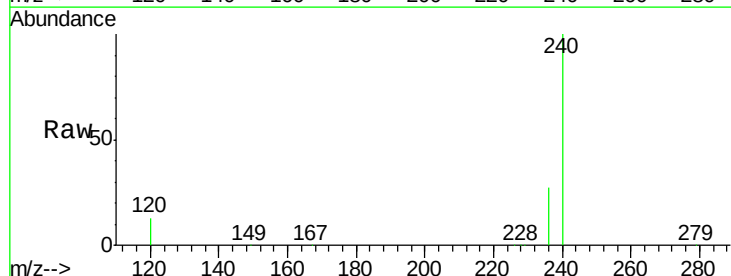
Instrument :
BNA_E
ClientSampleId :
082215-D534-E-D-S

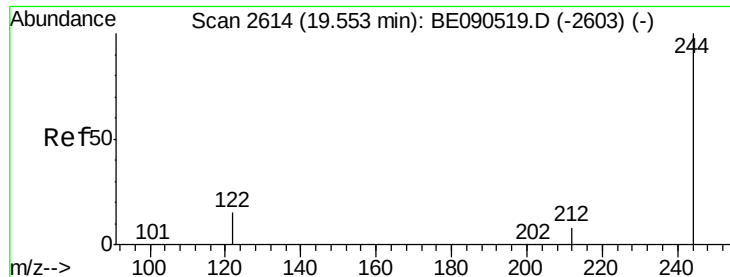
Tgt Ion:188 Resp: 98010
Ion Ratio Lower Upper
188 100
94 6.7 5.7 8.5
80 7.1 5.8 8.8



#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2865
Delta R.T. 0.00 min
Lab File: BE090619.D
Acq: 25 Aug 2015 18:33

Tgt Ion:240 Resp: 110257
Ion Ratio Lower Upper
240 100
120 12.6 8.3 12.5#
236 26.6 21.0 31.4





#27

Terphenyl-d14

Concen: 4.20 ng

RT: 19.55 min Scan# 2613

Delta R.T. -0.00 min

Lab File: BE090619.D

Acq: 25 Aug 2015 18:33

Instrument :

BNA_E

ClientSampleId :

082215-D534-E-D-S

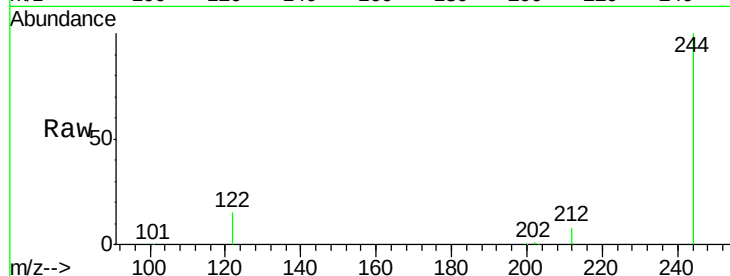
Tgt Ion:244 Resp: 84725

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

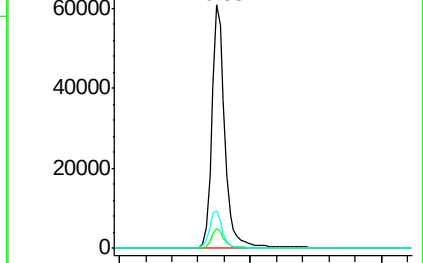
122 15.4 10.2 15.4



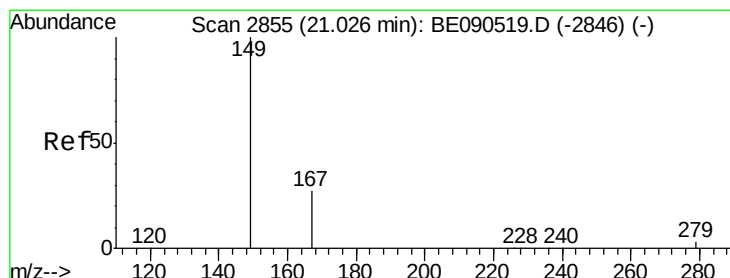
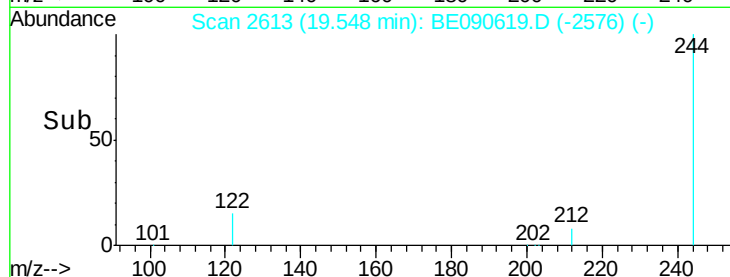
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.40 19.60 19.80



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.27 ng

RT: 21.02 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BE090619.D

Acq: 25 Aug 2015 18:33

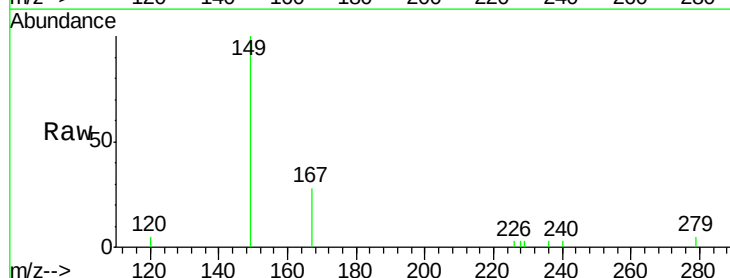
Tgt Ion:149 Resp: 2283

Ion Ratio Lower Upper

149 100

167 24.9 19.8 29.8

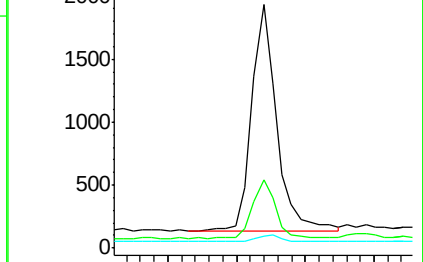
279 2.9 2.4 3.6



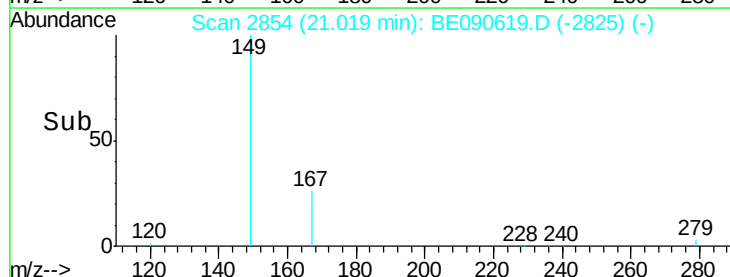
Abundance Ion 149.00 (148.70 to 149.70): E

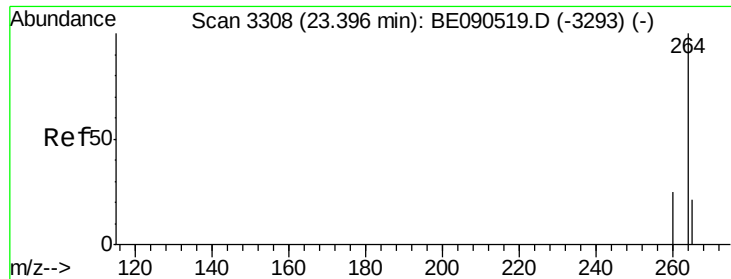
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 20.95 21.00 21.05 21.10





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.40 min Scan# 3308

Delta R.T. 0.00 min

Lab File: BE090619.D

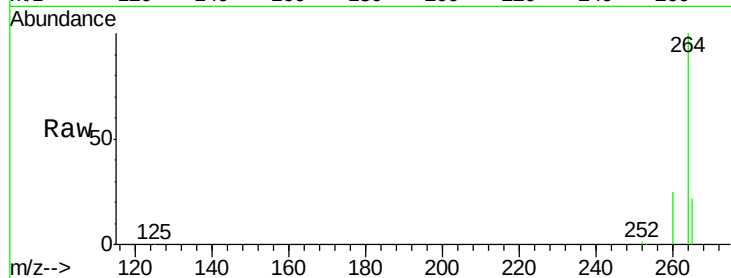
Acq: 25 Aug 2015 18:33

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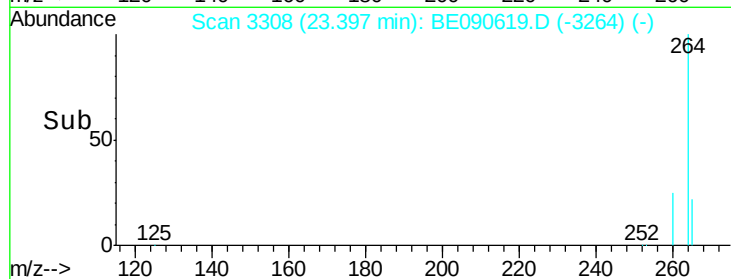
Tgt Ion: 264 Resp: 95069

Ion Ratio Lower Upper

264 100

260 24.8 20.1 30.1

265 22.0 17.2 25.8



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

