

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082515\
 Data File : BE090615.D
 Acq On : 25 Aug 2015 16:07
 Operator : UM/IZ
 Sample : G3390-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 26 03:26:52 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

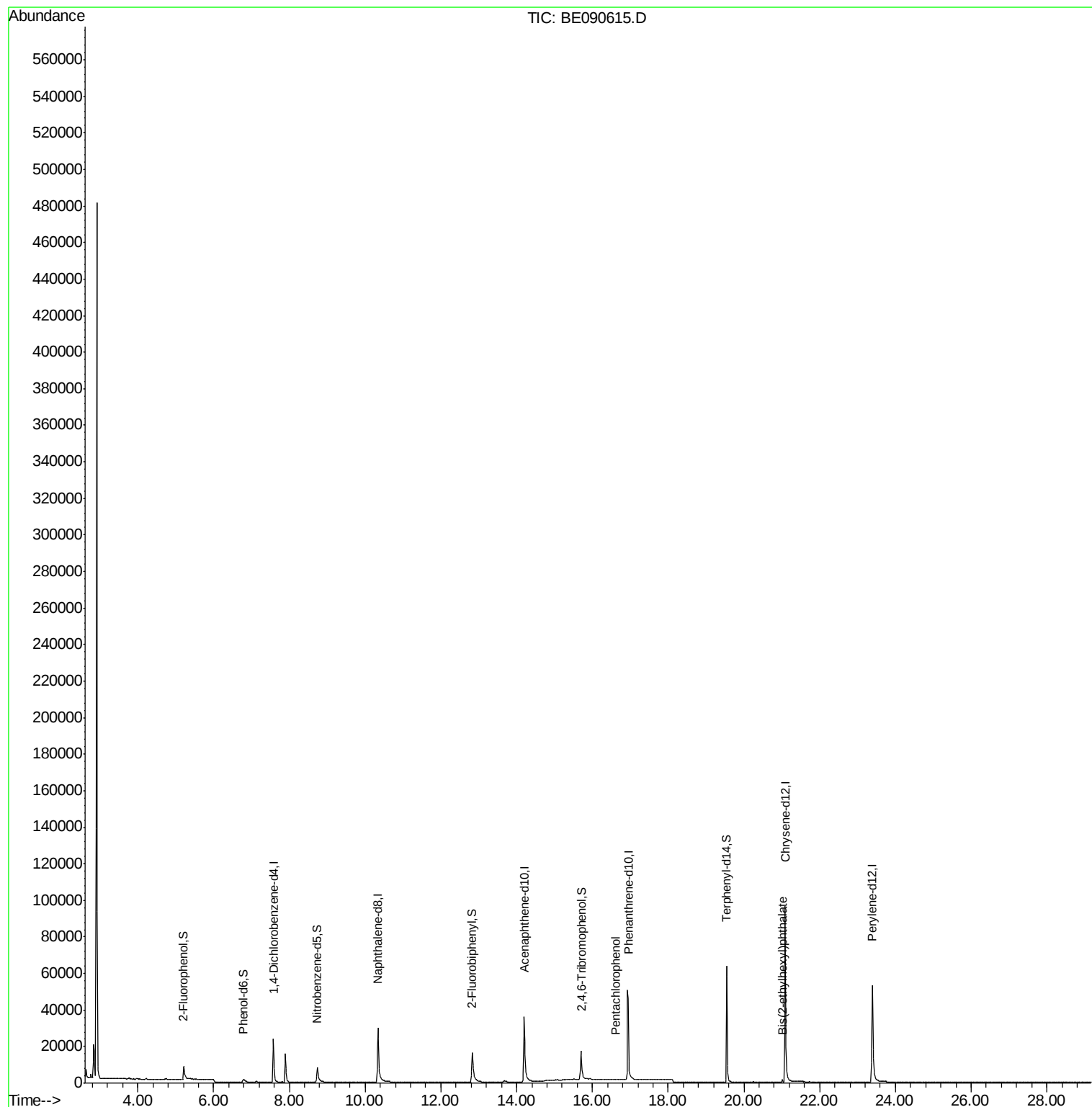
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	14462	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	61811	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	36077	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	95267	5.00	ng	0.00
25) Chrysene-d12	21.09	240	109613	5.00	ng	0.00
32) Perylene-d12	23.39	264	94984	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	8221	1.97	ng	0.00
5) Phenol-d6	6.78	99	6228	1.01	ng	0.00
7) Nitrobenzene-d5	8.74	82	15096	3.06	ng	0.02
13) 2,4,6-Tribromophenol	15.71	330	10683	7.69	ng	0.00
14) 2-Fluorobiphenyl	12.83	172	35882	3.33	ng	0.01
27) Terphenyl-d14	19.55	244	75767	3.78	ng	0.00
Target Compounds						
21) Pentachlorophenol	16.61	266	39	0.32	ng	Qvalue # 69
30) Bis(2-ethylhexyl)phthalate	21.02	149	1249	0.21	ng	97

(#) = 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: BE090615.D

Acq: 25 Aug 2015 16:07

Instrument :

BNA_E

ClientSampleId :

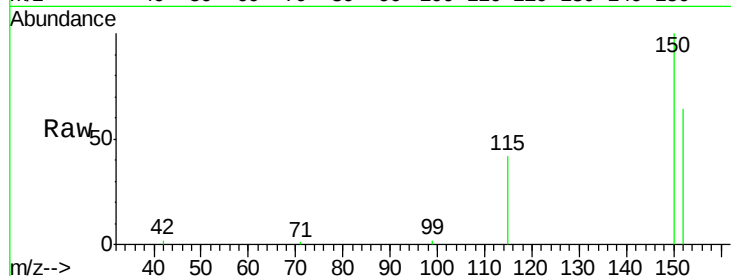
Tot Ion:152 Resp: 14462

Ion Ratio Lower Upper

152 100

150 156.2 123.0 184.4

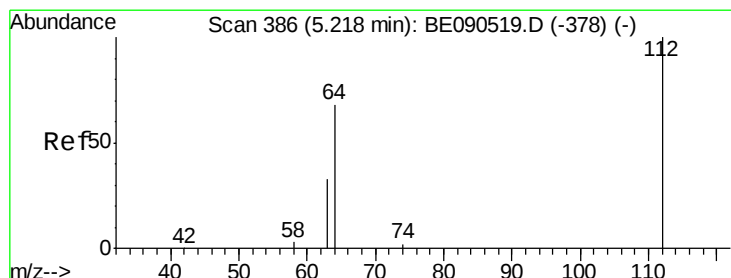
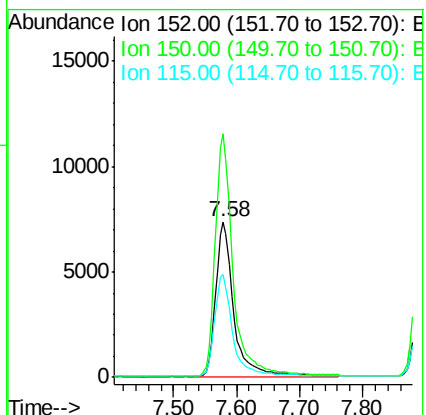
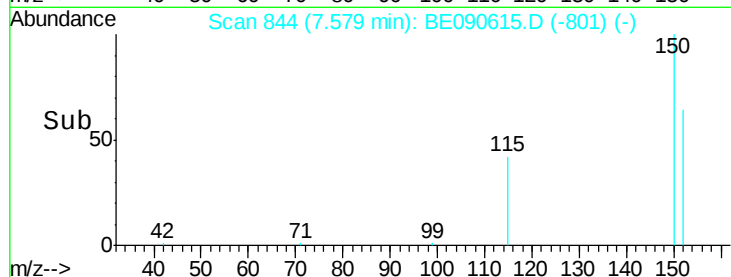
115 66.1 48.9 73.3



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: 1.97 ng

RT: 5.22 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE090615.D

Acq: 25 Aug 2015 16:07

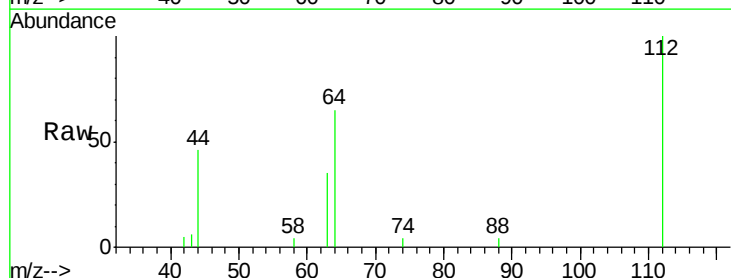
Tgt Ion:112 Resp: 8221

Ion Ratio Lower Upper

112 100

64 70.3 37.1 55.7#

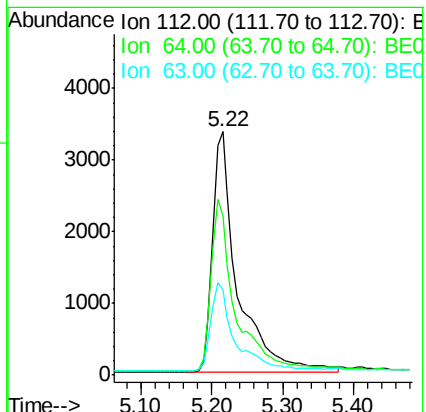
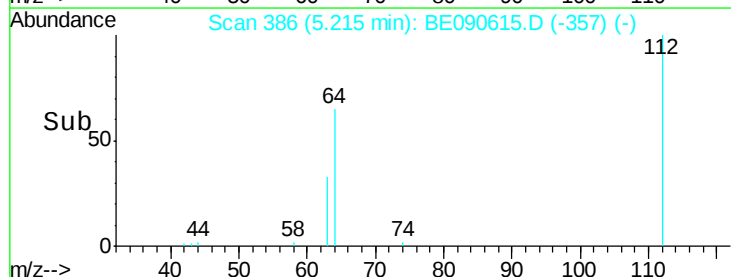
63 36.4 19.5 29.3#

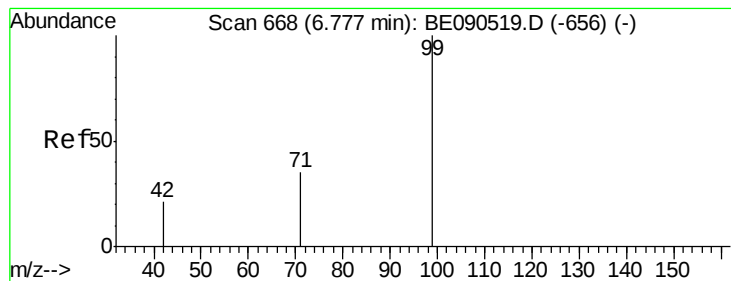


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.01 ng

RT: 6.78 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE090615.D

Acq: 25 Aug 2015 16:07

Instrument :

BNA_E

ClientSampleId :

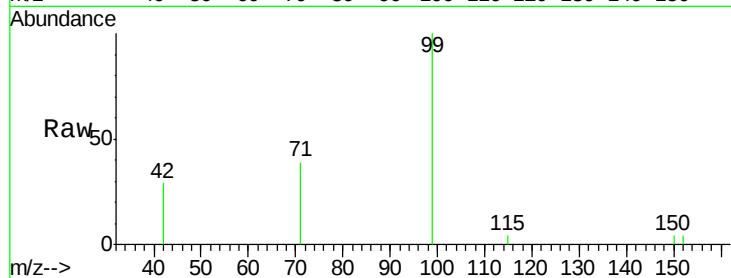
Tot Ion: 99 Resp: 6228

Ion Ratio Lower Upper

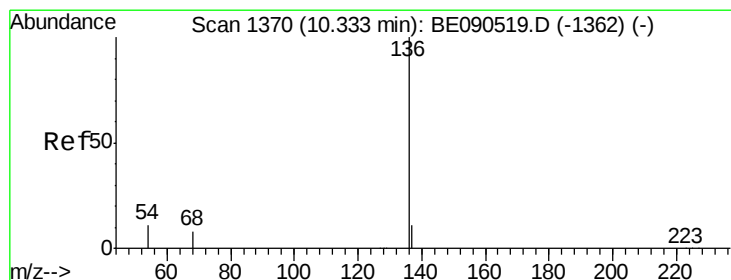
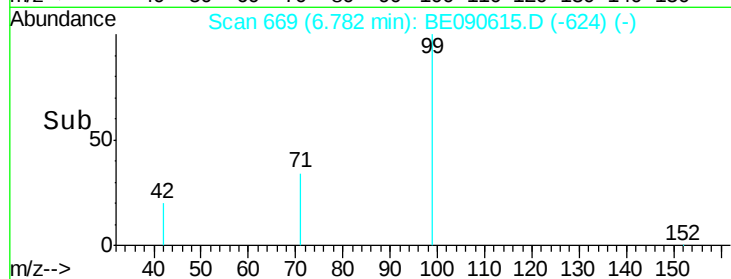
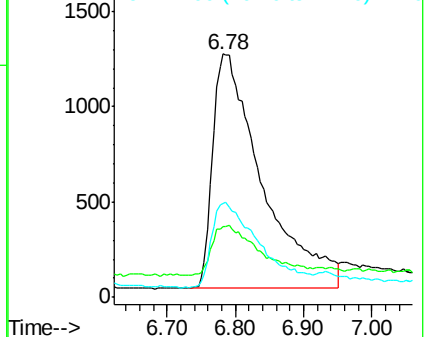
99 100

42 20.5 18.2 27.4

71 35.2 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: BE090615.D

Acq: 25 Aug 2015 16:07

Tgt Ion: 136 Resp: 61811

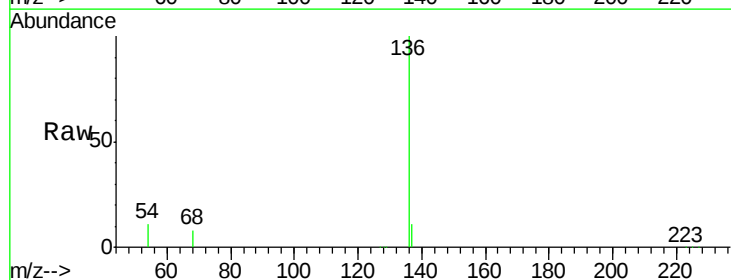
Ion Ratio Lower Upper

136 100

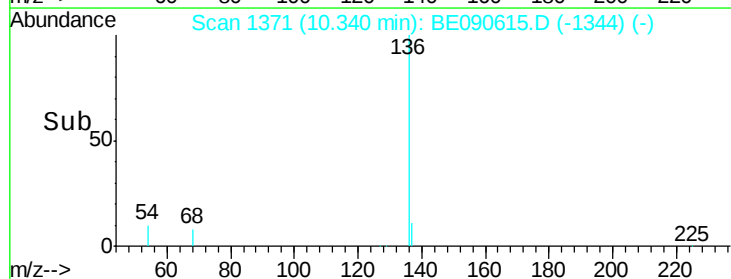
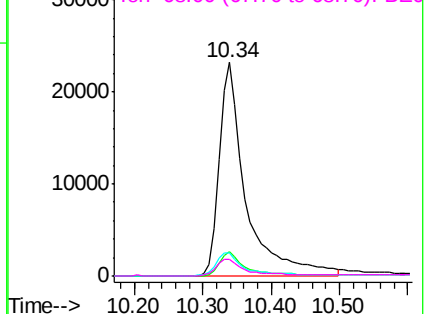
137 11.2 8.7 13.1

54 10.5 9.4 14.0

68 8.0 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: 3.06 ng

RT: 8.74 min Scan# 1095

Delta R.T. 0.02 min

Lab File: BE090615.D

Acq: 25 Aug 2015 16:07

Instrument :

BNA_E

ClientSampleId :

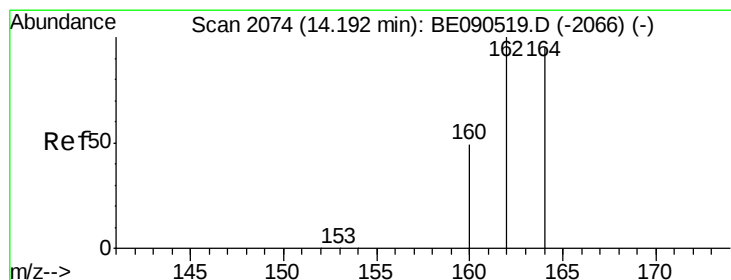
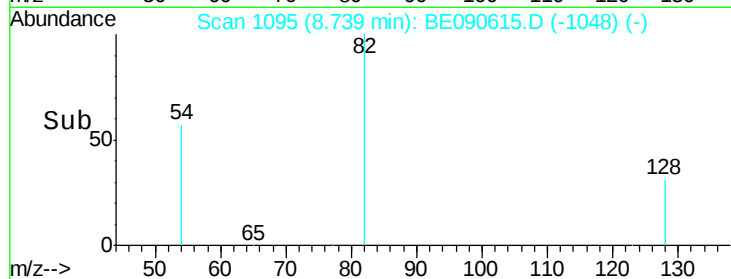
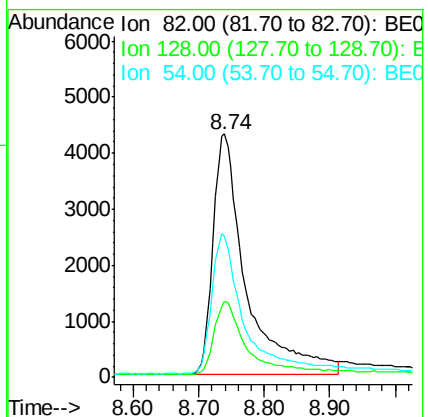
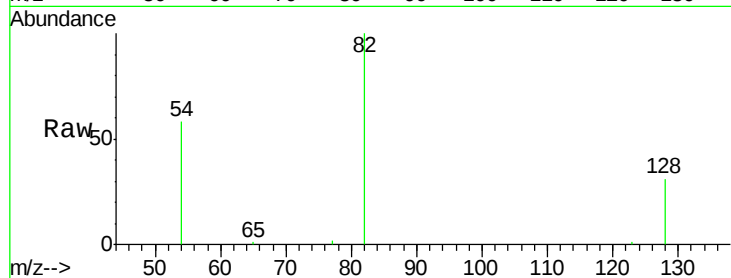
Tot Ion: 82 Resp: 15096

Ion Ratio Lower Upper

82 100

128 31.3 25.0 37.6

54 58.1 48.8 73.2



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2076

Delta R.T. 0.01 min

Lab File: BE090615.D

Acq: 25 Aug 2015 16:07

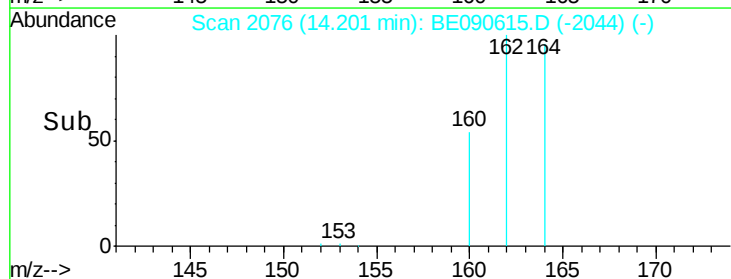
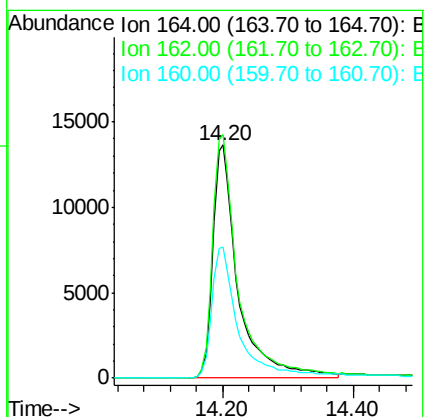
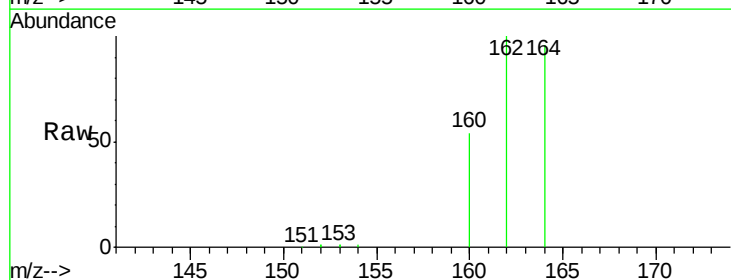
Tgt Ion: 164 Resp: 36077

Ion Ratio Lower Upper

164 100

162 104.6 81.8 122.8

160 56.4 44.2 66.4

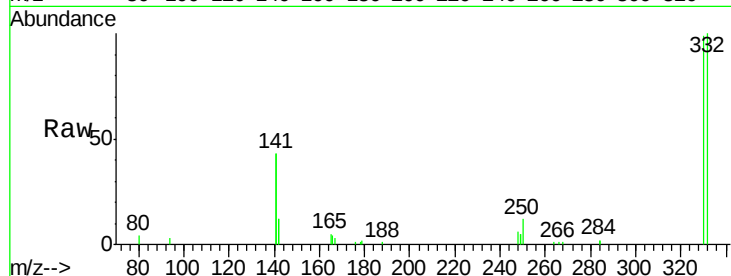




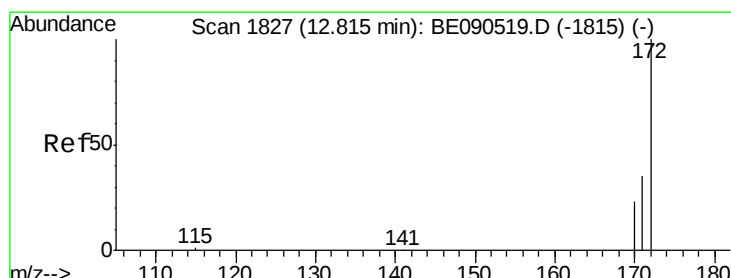
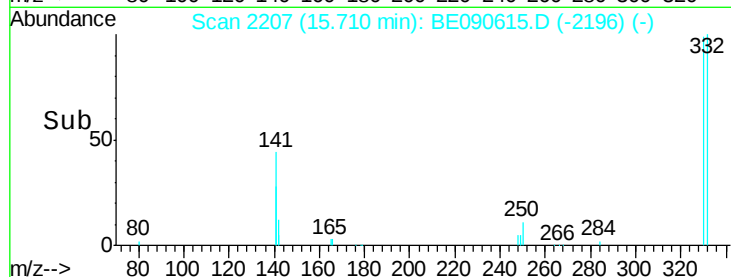
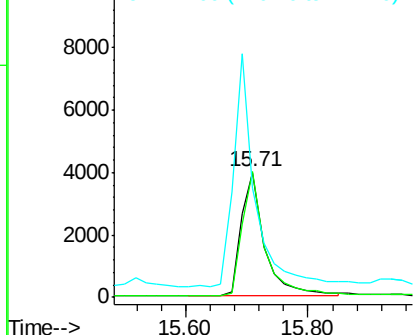
#13
 2,4,6-Tribromophenol
 Concen: 7.69 ng
 RT: 15.71 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090615.D
 Acq: 25 Aug 2015 16:07

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 10683
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.8 113.6
 141 172.2 114.4 171.6#

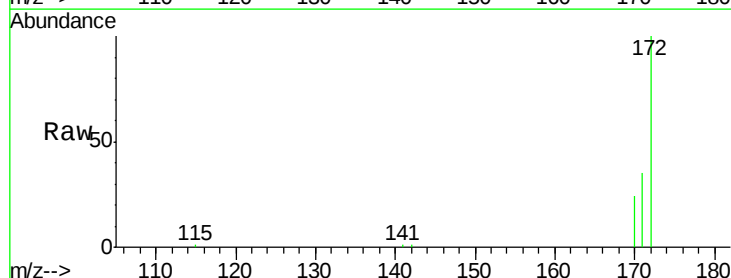


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

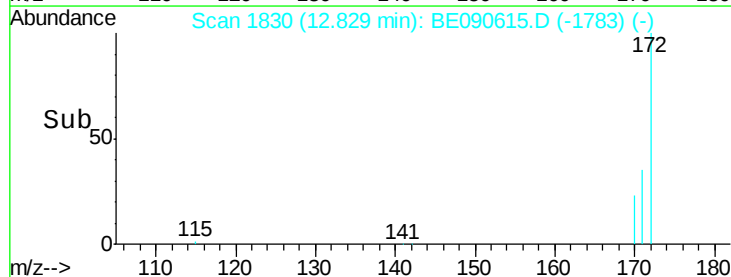
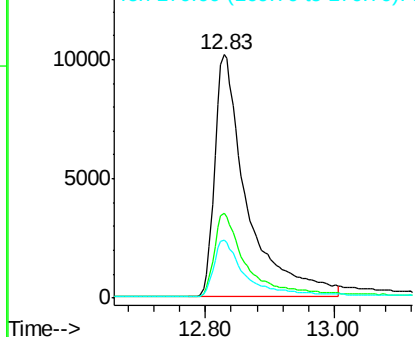


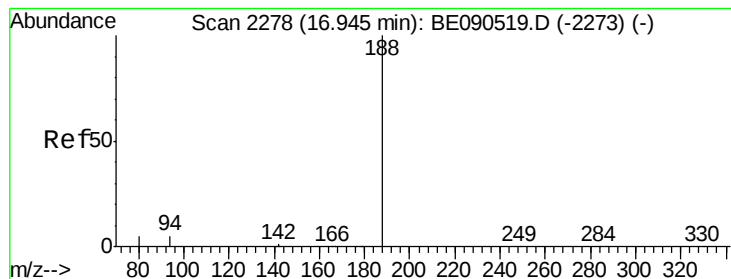
#14
 2-Fluorobiphenyl
 Concen: 3.33 ng
 RT: 12.83 min Scan# 1830
 Delta R.T. 0.01 min
 Lab File: BE090615.D
 Acq: 25 Aug 2015 16:07

Tgt Ion:172 Resp: 35882
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.8 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: BE090615.D

Acq: 25 Aug 2015 16:07

Instrument :

BNA_E

ClientSampled :

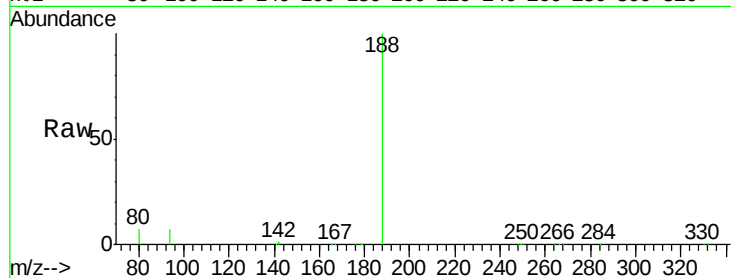
Tot Ion:188 Resp: 95267

Ion Ratio Lower Upper

188 100

94 6.7 5.7 8.5

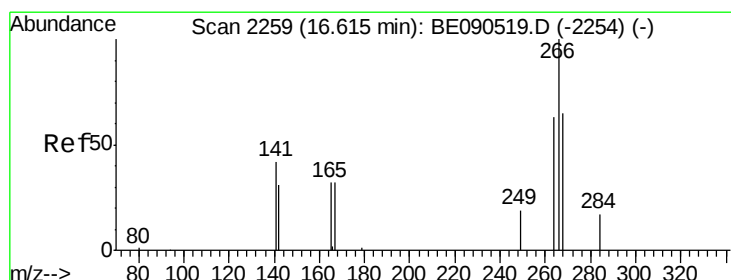
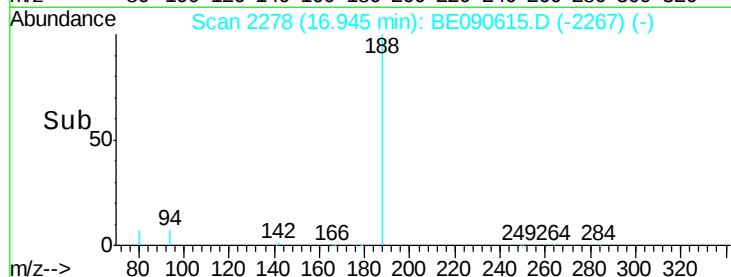
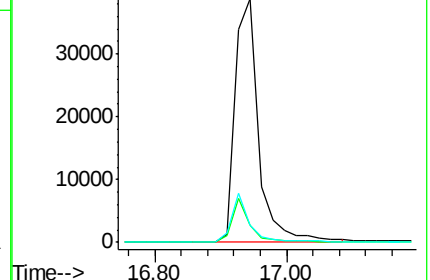
80 7.2 5.8 8.8



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



#21

Pentachlorophenol

Concen: 0.32 ng

RT: 16.61 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BE090615.D

Acq: 25 Aug 2015 16:07

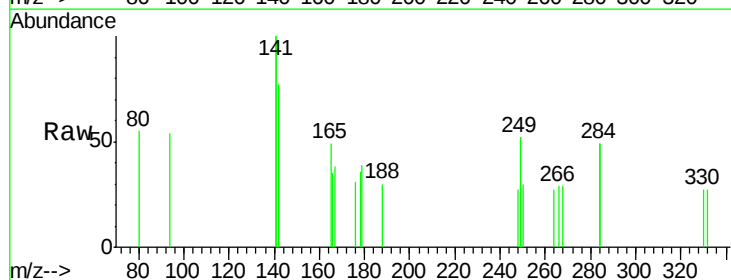
Tgt Ion:266 Resp: 39

Ion Ratio Lower Upper

266 100

268 100.0 58.5 87.7#

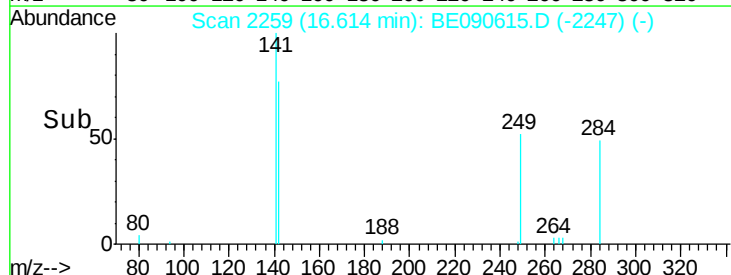
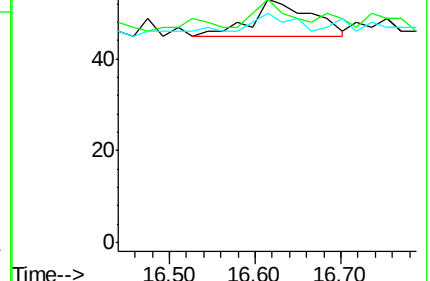
264 94.3 56.0 84.0#

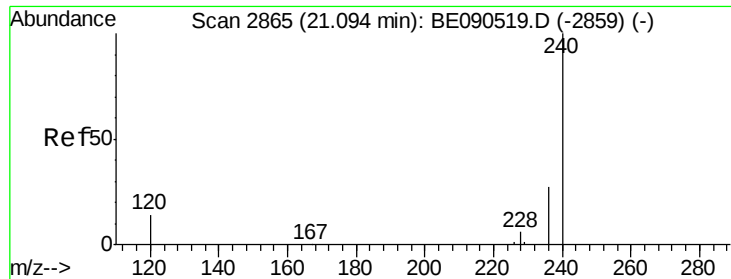


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BE090615.D

Acq: 25 Aug 2015 16:07

Instrument :

BNA_E

ClientSampleId :

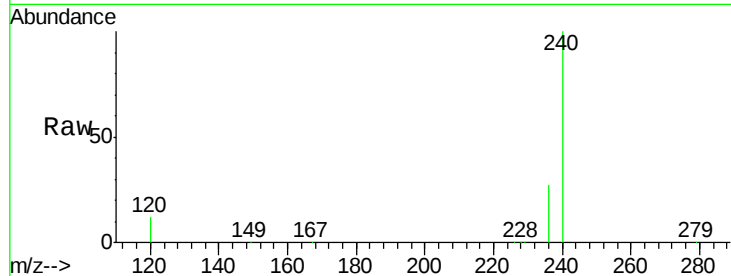
Tot Ion:240 Resp: 109613

Ion Ratio Lower Upper

240 100

120 12.4 8.3 12.5

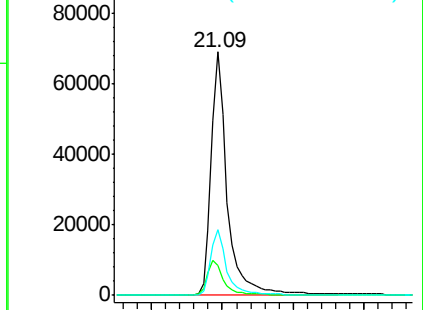
236 27.0 21.0 31.4



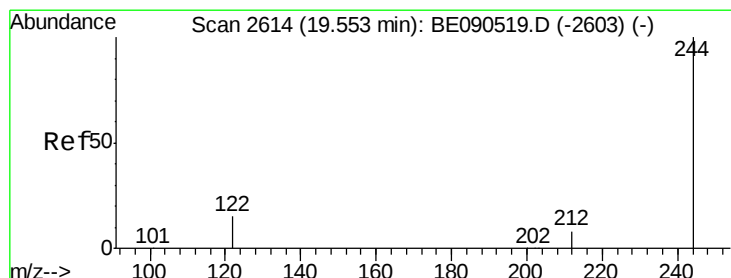
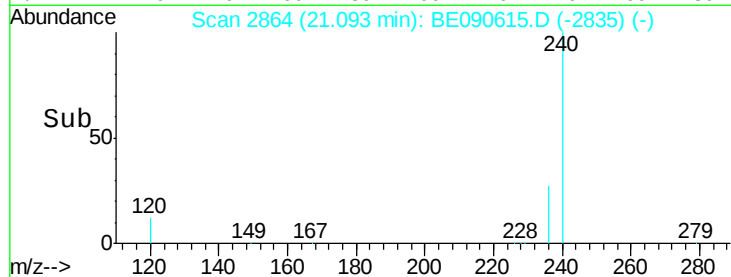
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#27

Terphenyl-d14

Concen: 3.78 ng

RT: 19.55 min Scan# 2613

Delta R.T. -0.00 min

Lab File: BE090615.D

Acq: 25 Aug 2015 16:07

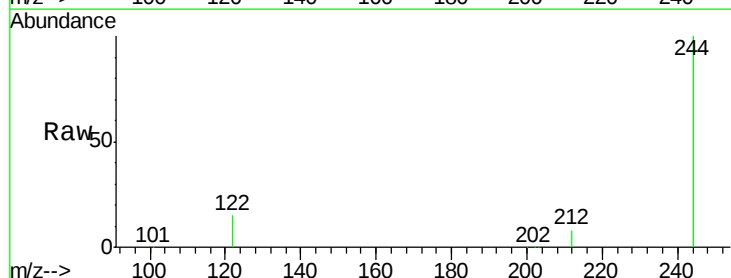
Tgt Ion:244 Resp: 75767

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

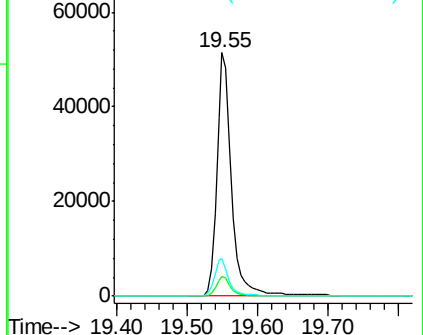
122 15.2 10.2 15.4



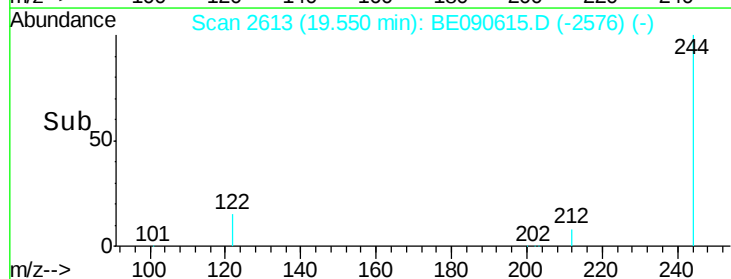
Abundance Ion 244.00 (243.70 to 244.70): E

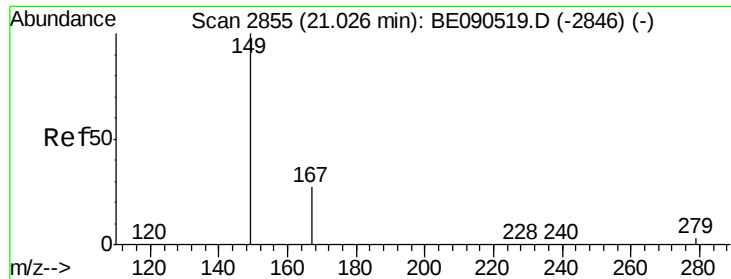
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

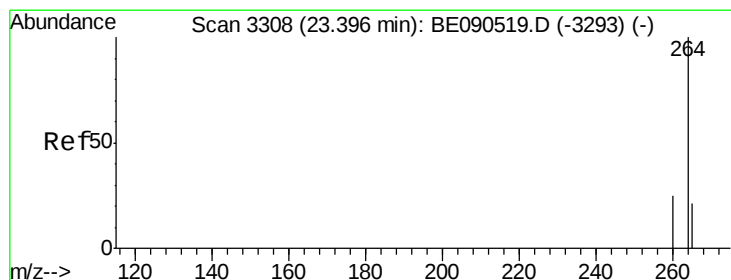
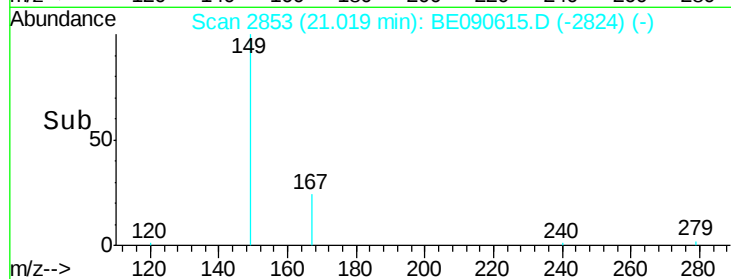
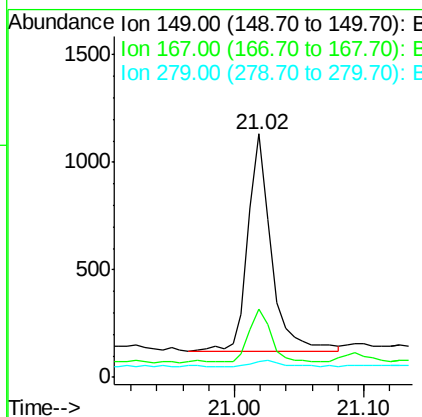
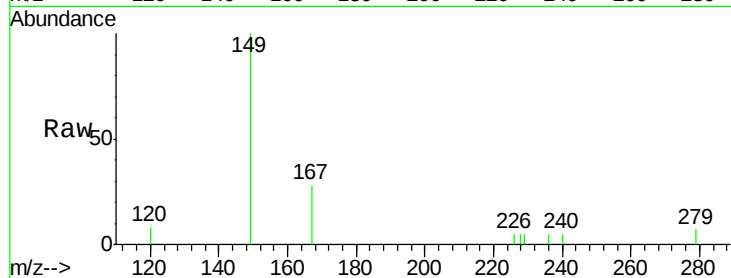




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.21 ng
 RT: 21.02 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BE090615.D
 Acq: 25 Aug 2015 16:07

Instrument :
 BNA_E
 ClientSampled :

Tot Ion	149	Resp	1249
Ion Ratio	Lower	Upper	
149	100		
167	23.2	19.8	29.8
279	3.4	2.4	3.6



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.39 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: BE090615.D
 Acq: 25 Aug 2015 16:07

Tgt Ion	264	Resp	94984
Ion Ratio	Lower	Upper	
264	100		
260	25.3	20.1	30.1
265	21.9	17.2	25.8

