

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082515\
 Data File : BE090614.D
 Acq On : 25 Aug 2015 15:28
 Operator : UM/IZ
 Sample : G3390-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 26 03:26:41 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

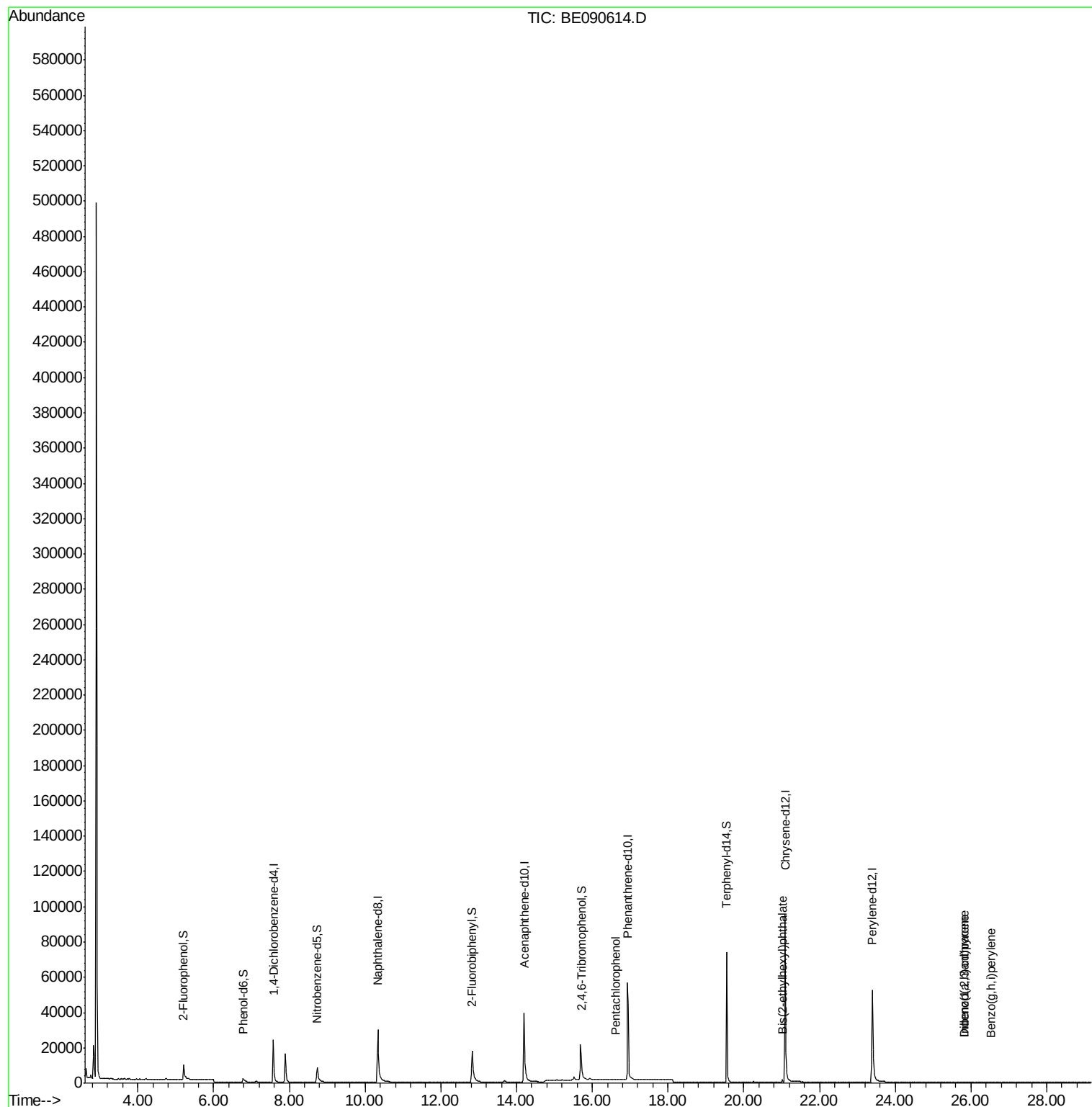
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	14461	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	62397	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	37320	5.00	ng	0.00
18) Phenanthrene-d10	16.93	188	97601	5.00	ng	-0.02
25) Chrysene-d12	21.09	240	110757	5.00	ng	0.00
32) Perylene-d12	23.40	264	95146	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	9136	2.18	ng	0.00
5) Phenol-d6	6.78	99	6781	1.10	ng	0.00
7) Nitrobenzene-d5	8.74	82	15997	3.22	ng	0.01
13) 2,4,6-Tribromophenol	15.71	330	12212	8.50	ng	0.00
14) 2-Fluorobiphenyl	12.83	172	38299	3.44	ng	0.01
27) Terphenyl-d14	19.55	244	80610	3.98	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.20	88	113	Below Cal	#	34
21) Pentachlorophenol	16.61	266	50	0.32 ng	#	77
30) Bis(2-ethylhexyl)phthalate	21.02	149	1587	0.23 ng		99
31) Indeno(1,2,3-cd)pyrene	25.81	276	646	0.02 ng	#	75
36) Dibenzo(a,h)anthracene	25.82	278	497	0.02 ng	#	33
37) Benzo(g,h,i)perylene	26.52	276	498	0.02 ng	#	38

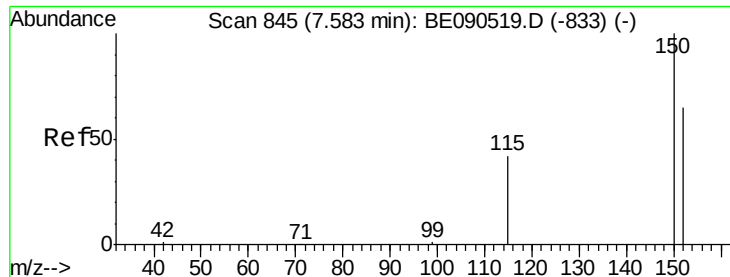
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082515\
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QLast Update : Fri Aug 14 16:52:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 844

Delta R.T. -0.01 min

Lab File: BE090614.D

Acq: 25 Aug 2015 15:28

Instrument :

BNA_E

ClientSampleId :

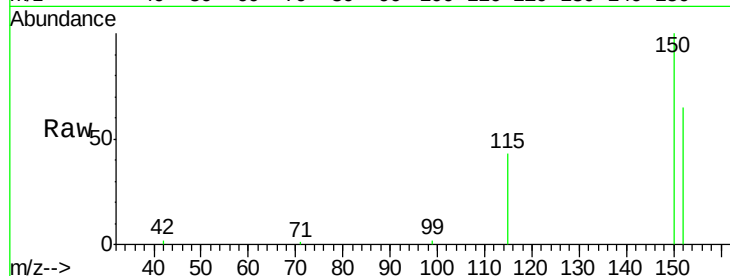
Tot Ion:152 Resp: 14461

Ion Ratio Lower Upper

152 100

150 154.4 123.0 184.4

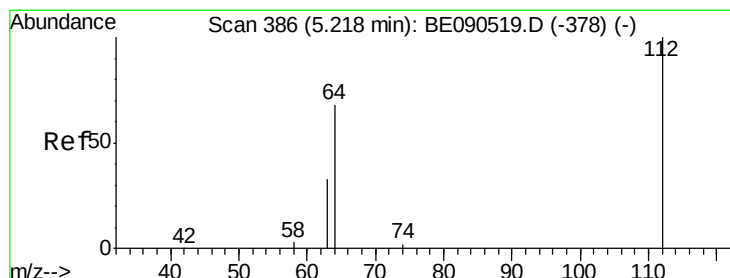
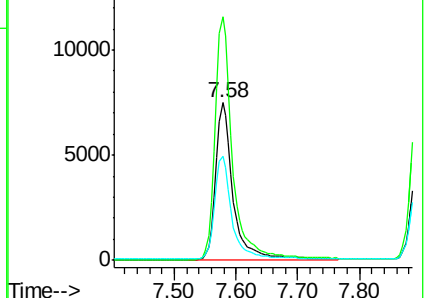
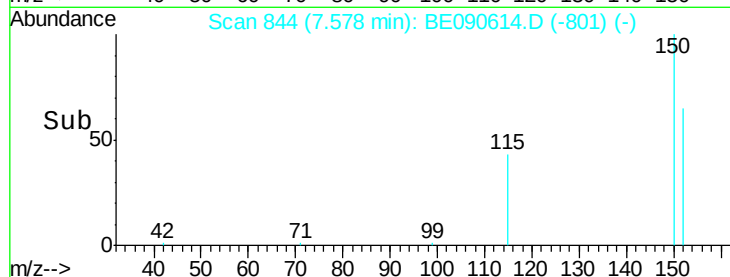
115 66.3 48.9 73.3



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: 2.18 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090614.D

Acq: 25 Aug 2015 15:28

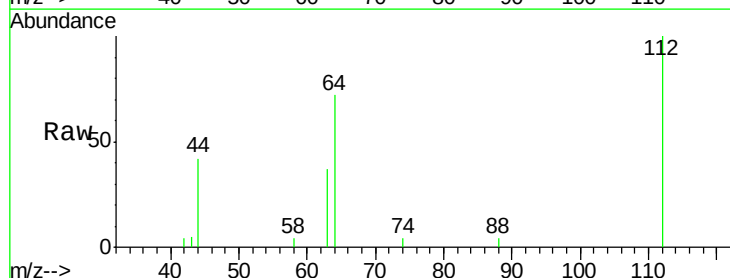
Tgt Ion:112 Resp: 9136

Ion Ratio Lower Upper

112 100

64 70.9 37.1 55.7#

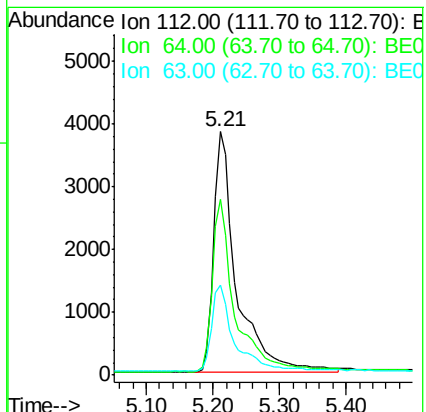
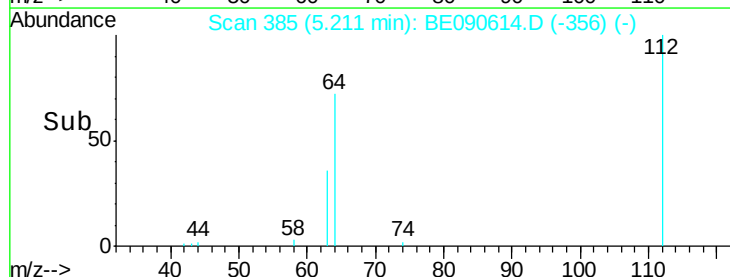
63 36.0 19.5 29.3#

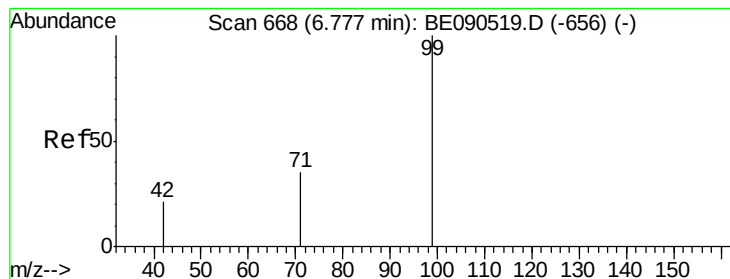


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.10 ng

RT: 6.78 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE090614.D

Acq: 25 Aug 2015 15:28

Instrument :

BNA_E

ClientSampleId :

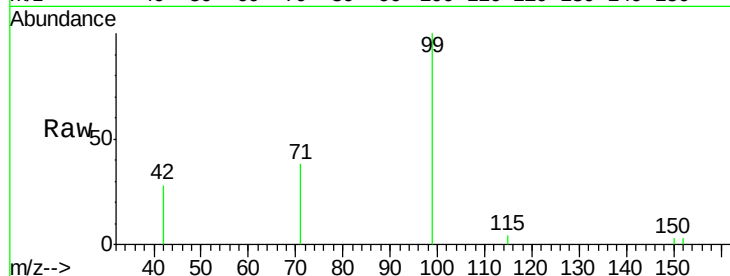
Tot Ion: 99 Resp: 6781

Ion Ratio Lower Upper

99 100

42 21.1 18.2 27.4

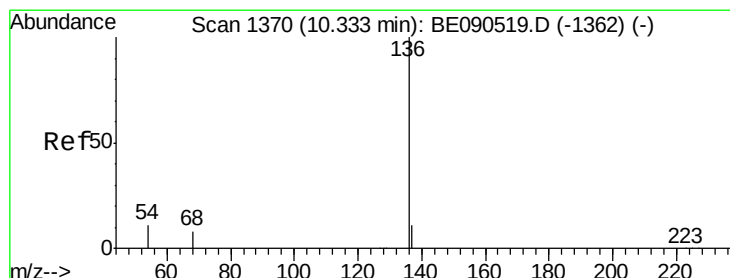
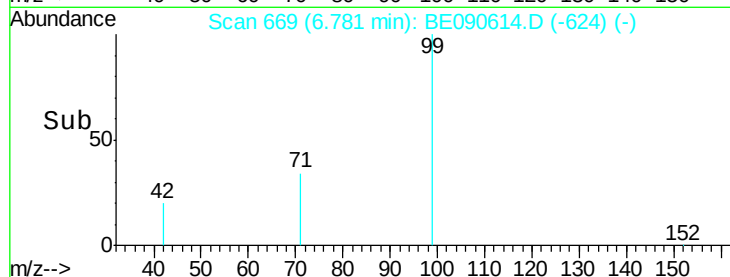
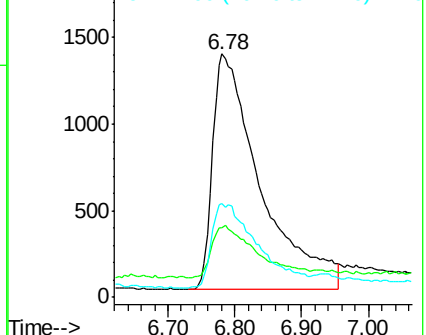
71 35.2 27.4 41.0



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: BE090614.D

Acq: 25 Aug 2015 15:28

Tgt Ion: 136 Resp: 62397

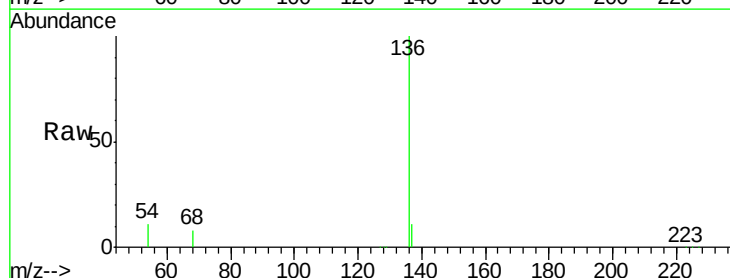
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.7 9.4 14.0

68 8.0 6.5 9.7

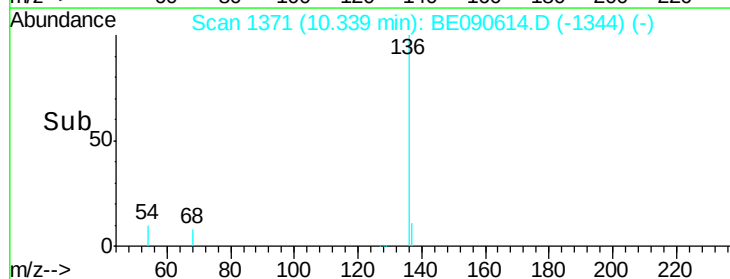
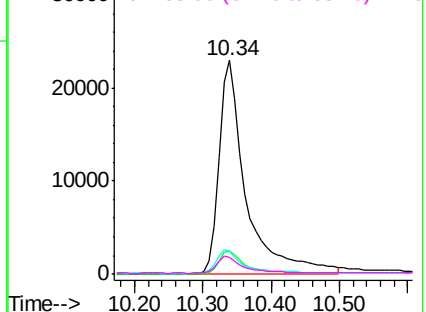


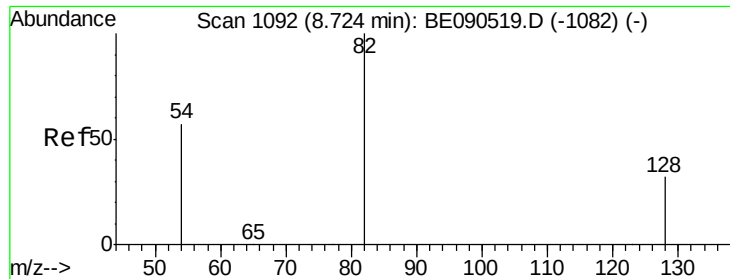
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.22 ng

RT: 8.74 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BE090614.D

Acq: 25 Aug 2015 15:28

Instrument :

BNA_E

ClientSampleId :

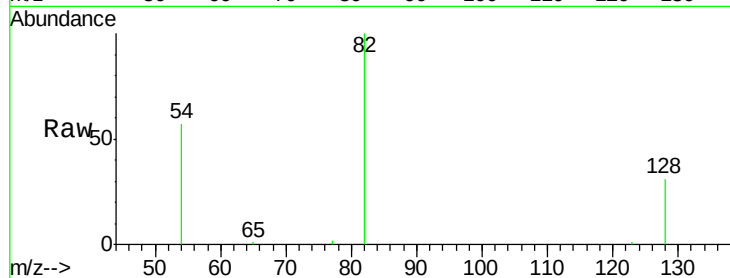
Tot Ion: 82 Resp: 15997

Ion Ratio Lower Upper

82 100

128 31.4 25.0 37.6

54 56.5 48.8 73.2

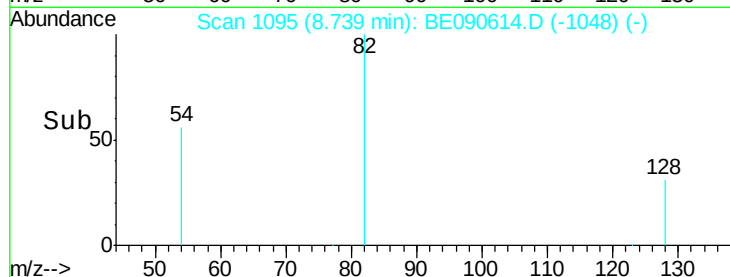


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Time-->



8.74

6000

5000

4000

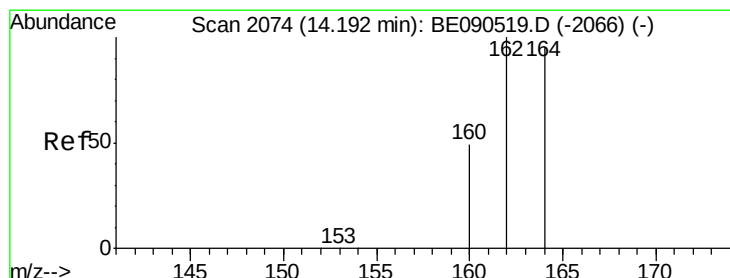
3000

2000

1000

0

8.60 8.70 8.80 8.90 9.00



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. 0.01 min

Lab File: BE090614.D

Acq: 25 Aug 2015 15:28

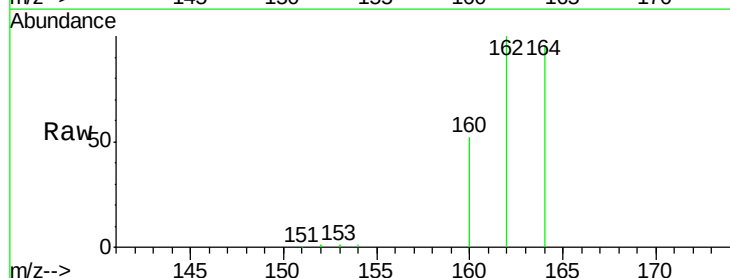
Tgt Ion: 164 Resp: 37320

Ion Ratio Lower Upper

164 100

162 104.1 81.8 122.8

160 54.5 44.2 66.4

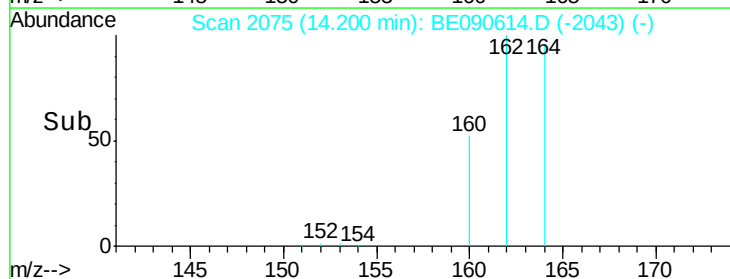


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



14.20

20000

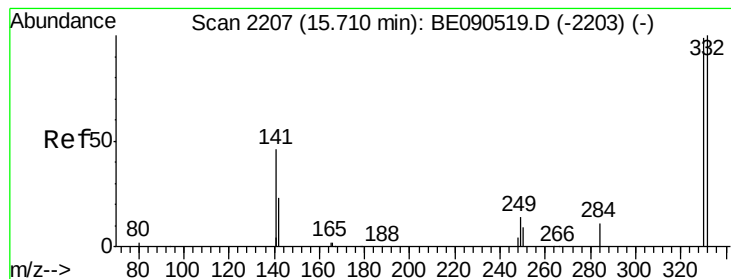
15000

10000

5000

0

14.20 14.40



#13

2,4,6-Tribromophenol

Concen: 8.50 ng

RT: 15.71 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BE090614.D

Acq: 25 Aug 2015 15:28

Instrument :

BNA_E

ClientSampleId :

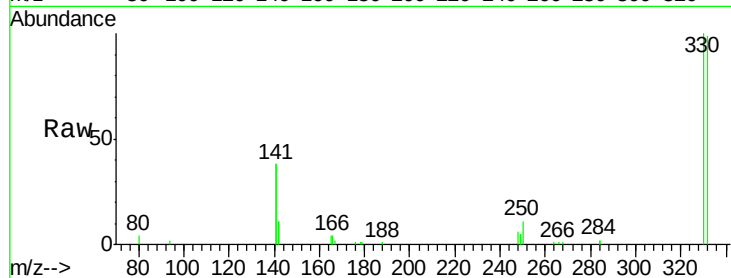
Tot Ion:330 Resp: 12212

Ion Ratio Lower Upper

330 100

332 96.0 75.8 113.6

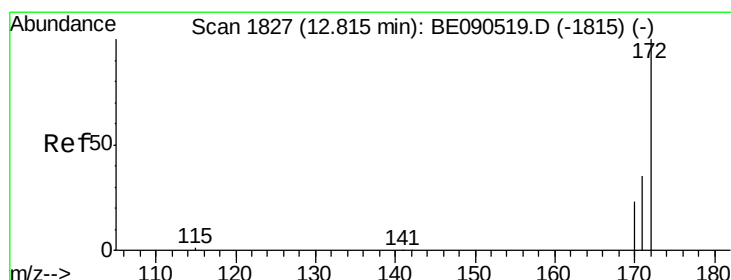
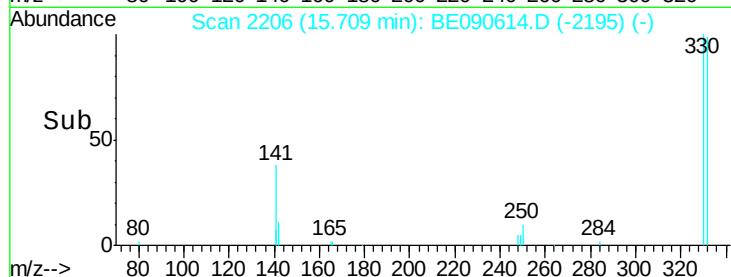
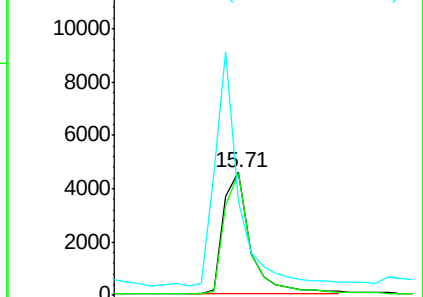
141 168.2 114.4 171.6



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: 3.44 ng

RT: 12.83 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BE090614.D

Acq: 25 Aug 2015 15:28

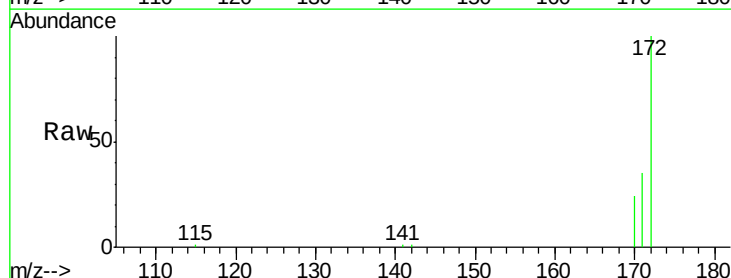
Tgt Ion:172 Resp: 38299

Ion Ratio Lower Upper

172 100

171 35.1 28.5 42.7

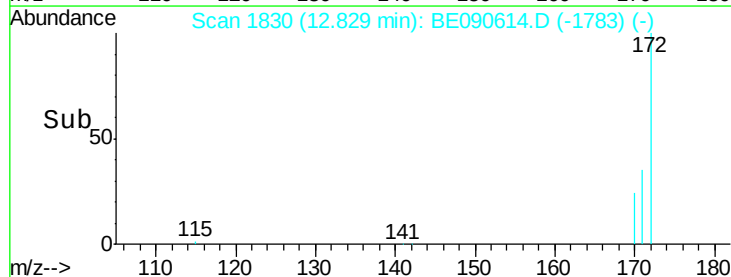
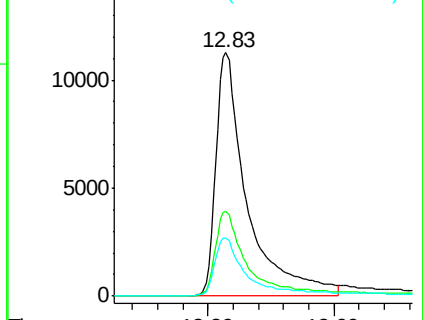
170 23.8 19.8 29.8

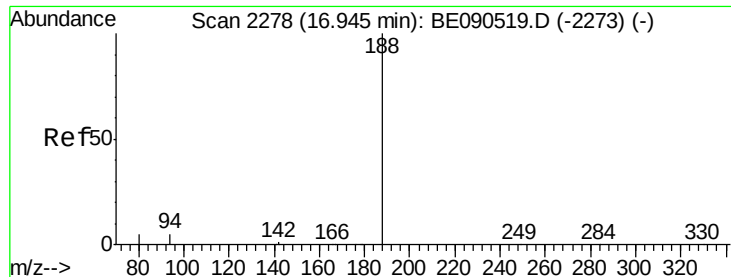


Abundance Ion 172.00 (171.70 to 172.70): E

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: 16.93 min Scan# 2276

Delta R.T. -0.02 min

Lab File: BE090614.D

Acq: 25 Aug 2015 15:28

Instrument :

BNA_E

ClientSampled :

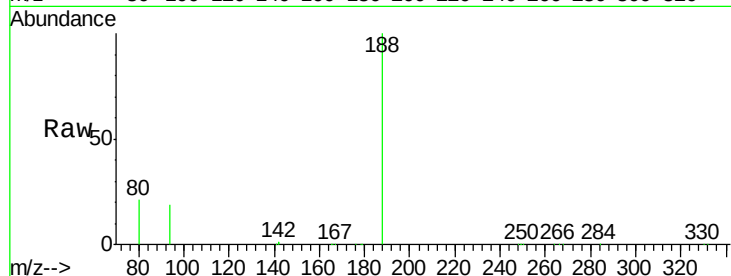
Tot Ion:188 Resp: 97601

Ion Ratio Lower Upper

188 100

94 18.9 5.7 8.5#

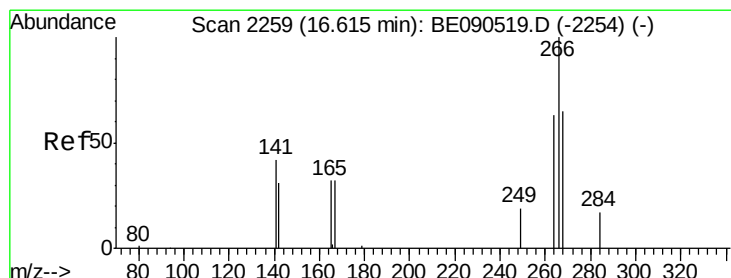
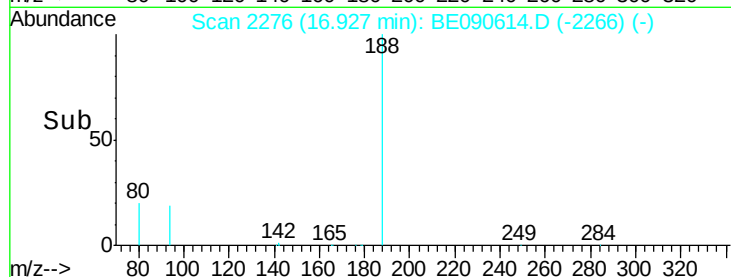
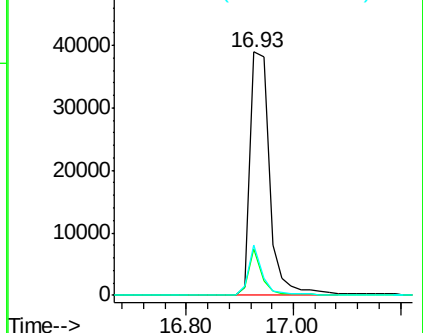
80 20.7 5.8 8.8#



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# 2258

Delta R.T. -0.00 min

Lab File: BE090614.D

Acq: 25 Aug 2015 15:28

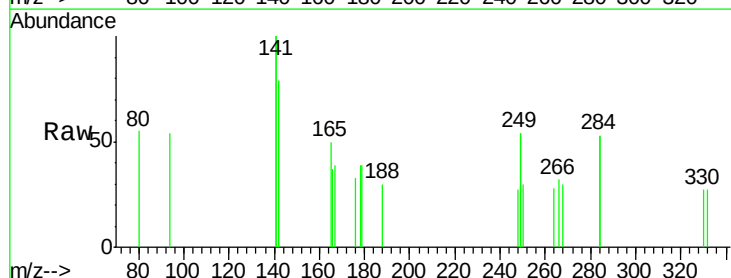
Tgt Ion:266 Resp: 50

Ion Ratio Lower Upper

266 100

268 93.1 58.5 87.7#

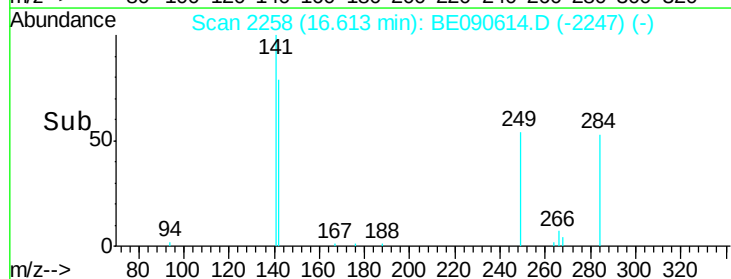
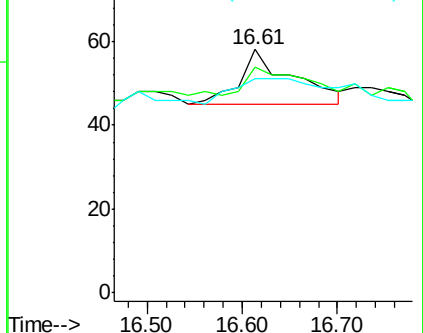
264 87.9 56.0 84.0#

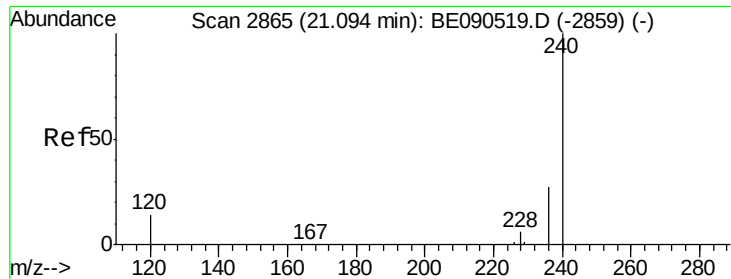


Abundance Ion 265.70 (265.40 to 266.40): E

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: BE090614.D

Acq: 25 Aug 2015 15:28

Instrument :

BNA_E

ClientSampleId :

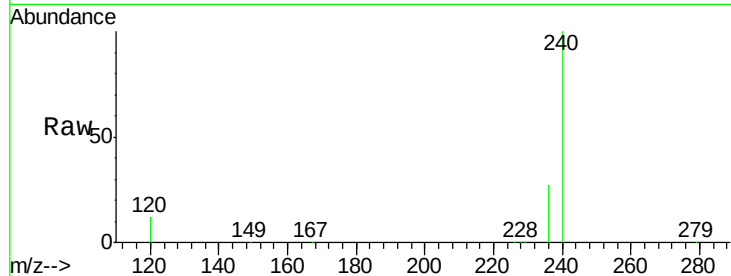
Tot Ion:240 Resp: 110757

Ion Ratio Lower Upper

240 100

120 12.1 8.3 12.5

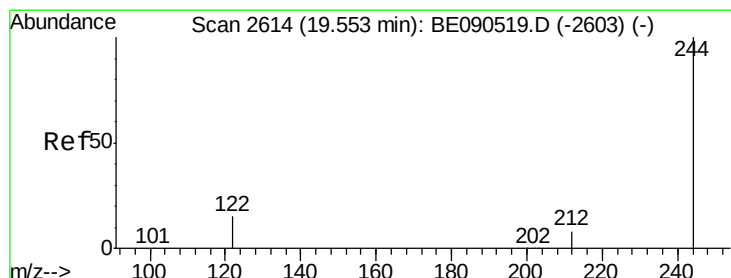
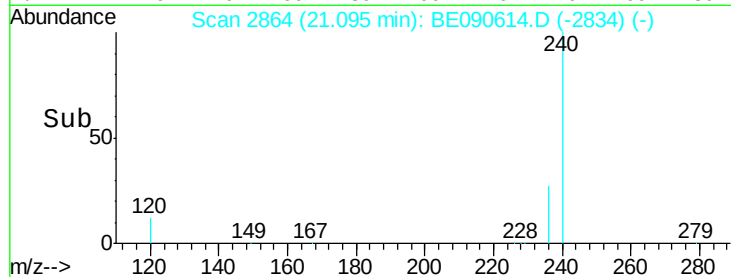
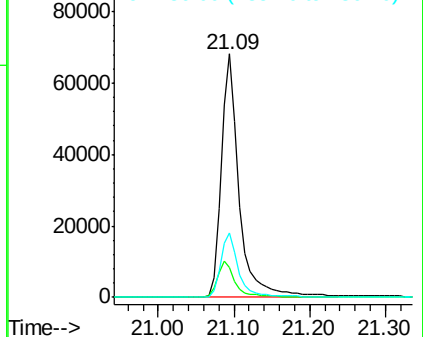
236 26.6 21.0 31.4



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: 3.98 ng

RT: 19.55 min Scan# 2612

Delta R.T. -0.00 min

Lab File: BE090614.D

Acq: 25 Aug 2015 15:28

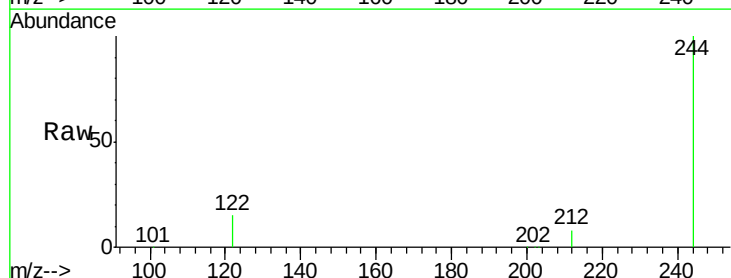
Tgt Ion:244 Resp: 80610

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

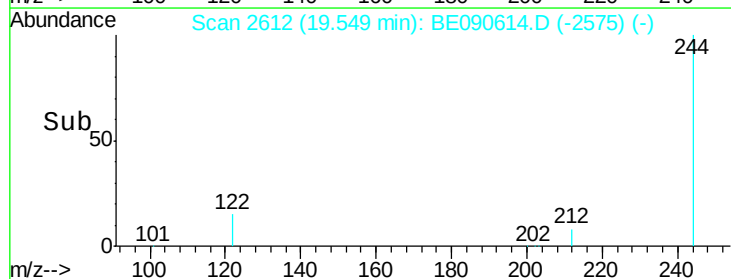
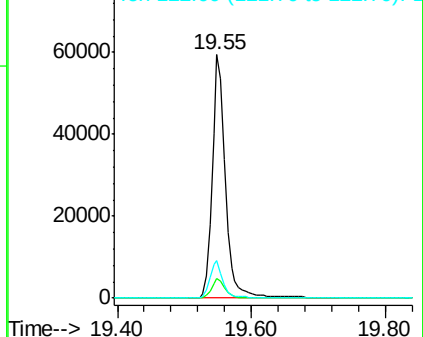
122 15.3 10.2 15.4

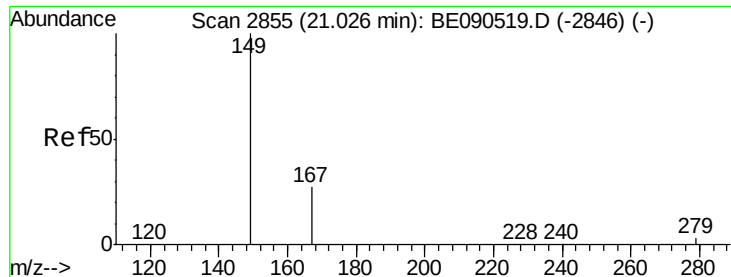


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.23 ng

RT: 21.02 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BE090614.D

Acq: 25 Aug 2015 15:28

Instrument :

BNA_E

ClientSampleId :

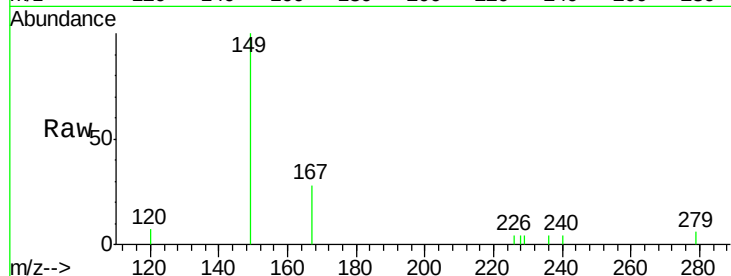
Tot Ion:149 Resp: 1587

Ion Ratio Lower Upper

149 100

167 24.2 19.8 29.8

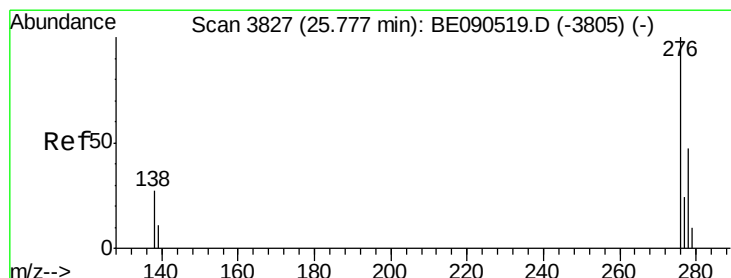
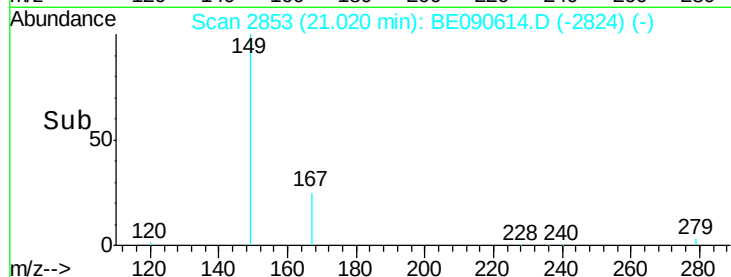
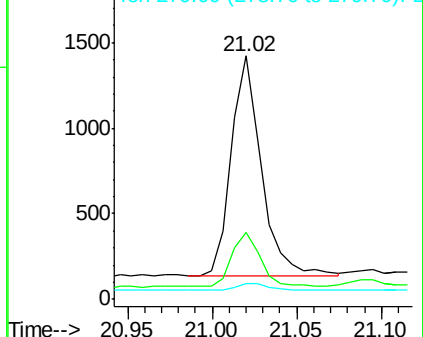
279 3.4 2.4 3.6



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



#31

Indeno(1,2,3-cd)pyrene

Concen: 0.02 ng

RT: 25.81 min Scan# 3833

Delta R.T. 0.03 min

Lab File: BE090614.D

Acq: 25 Aug 2015 15:28

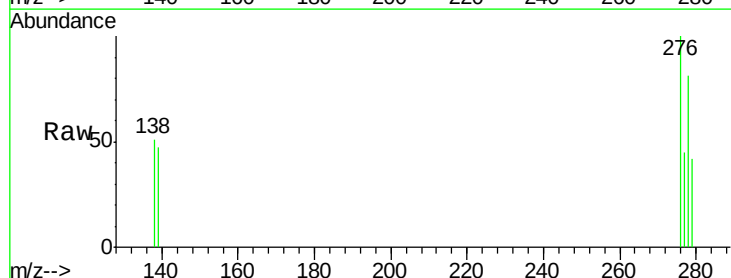
Tgt Ion:276 Resp: 646

Ion Ratio Lower Upper

276 100

138 12.4 18.8 28.2#

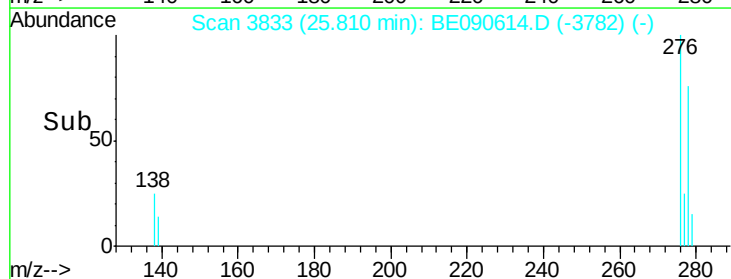
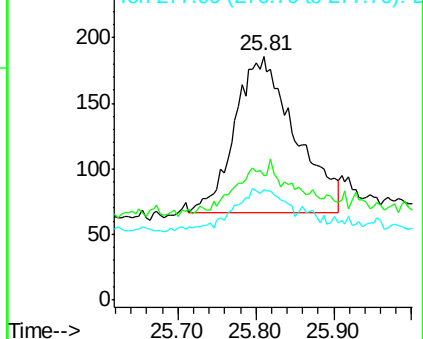
277 9.1 18.2 27.4#

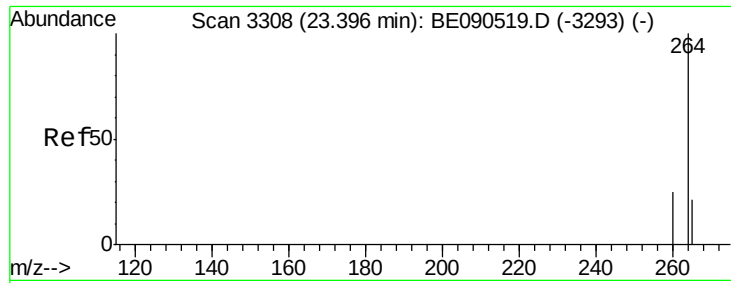


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

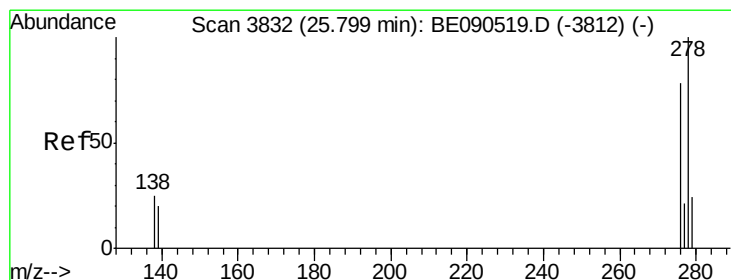
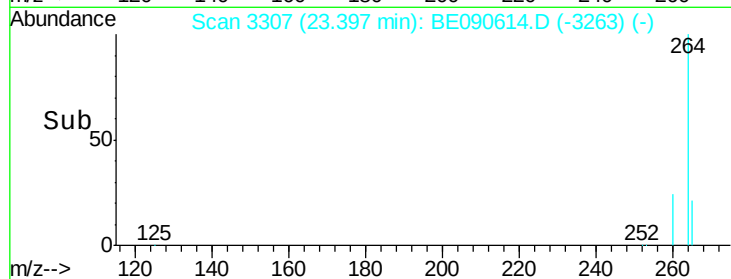
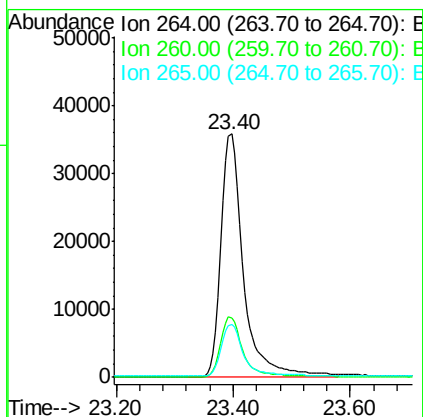
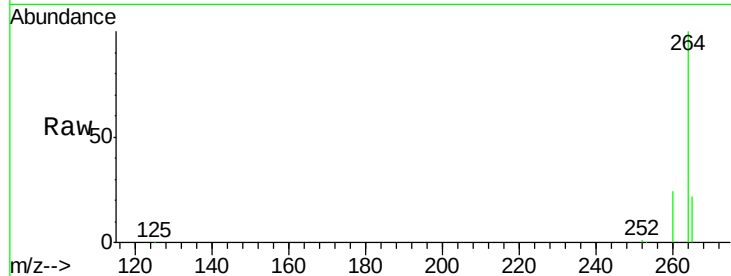




#32
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: BE090614.D
 Acq: 25 Aug 2015 15:28

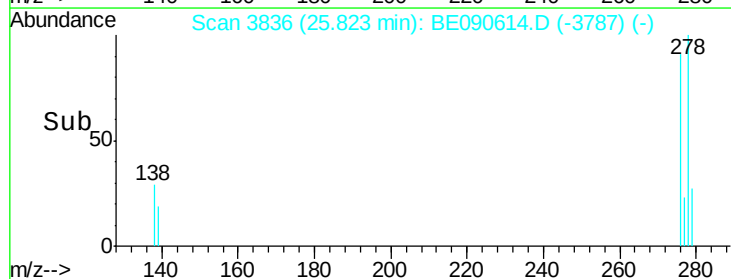
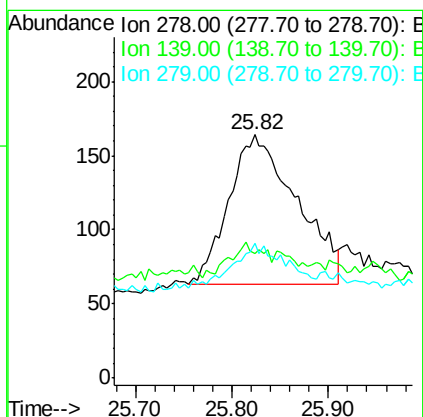
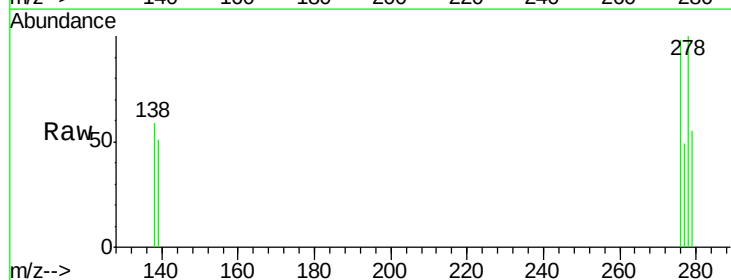
Instrument :
 BNA_E
 ClientSampled :

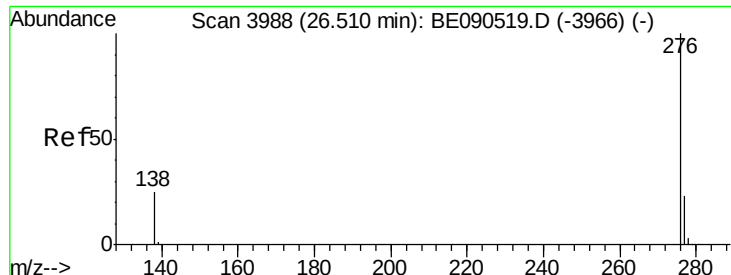
Tot Ion:264 Resp: 95146
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.1 30.1
 265 21.9 17.2 25.8



#36
 Dibenzo(a,h)anthracene
 Concen: 0.02 ng
 RT: 25.82 min Scan# 3836
 Delta R.T. 0.02 min
 Lab File: BE090614.D
 Acq: 25 Aug 2015 15:28

Tgt Ion:278 Resp: 497
 Ion Ratio Lower Upper
 278 100
 139 51.2 14.2 21.4#
 279 55.5 20.1 30.1#





#37

Benzo(a,h,i)perylene

Concen: 0.02 ng

RT: 26.52 min Scan# 3990

Delta R.T. 0.01 min

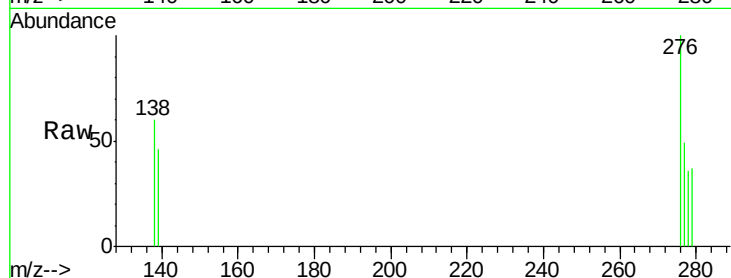
Lab File: BE090614.D

Acq: 25 Aug 2015 15:28

Instrument :

BNA_E

ClientSampleId :



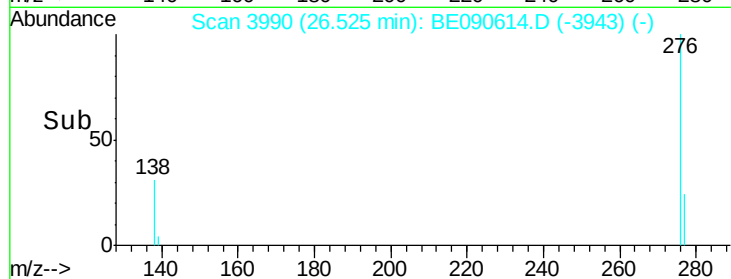
Tot Ion: 276 Resp: 498

Ion Ratio Lower Upper

276 100

277 49.1 20.1 30.1#

138 60.4 18.1 27.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

26.52

150

100

50

0

Time-->