

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090115\
 Data File : BE090699.D
 Acq On : 2 Sep 2015 11:53
 Operator : UM/IZ
 Sample : G3494-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 082815-D506-E-D-M

Quant Time: Sep 02 12:47:03 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 11:40:50 2015
 Response via : Initial Calibration

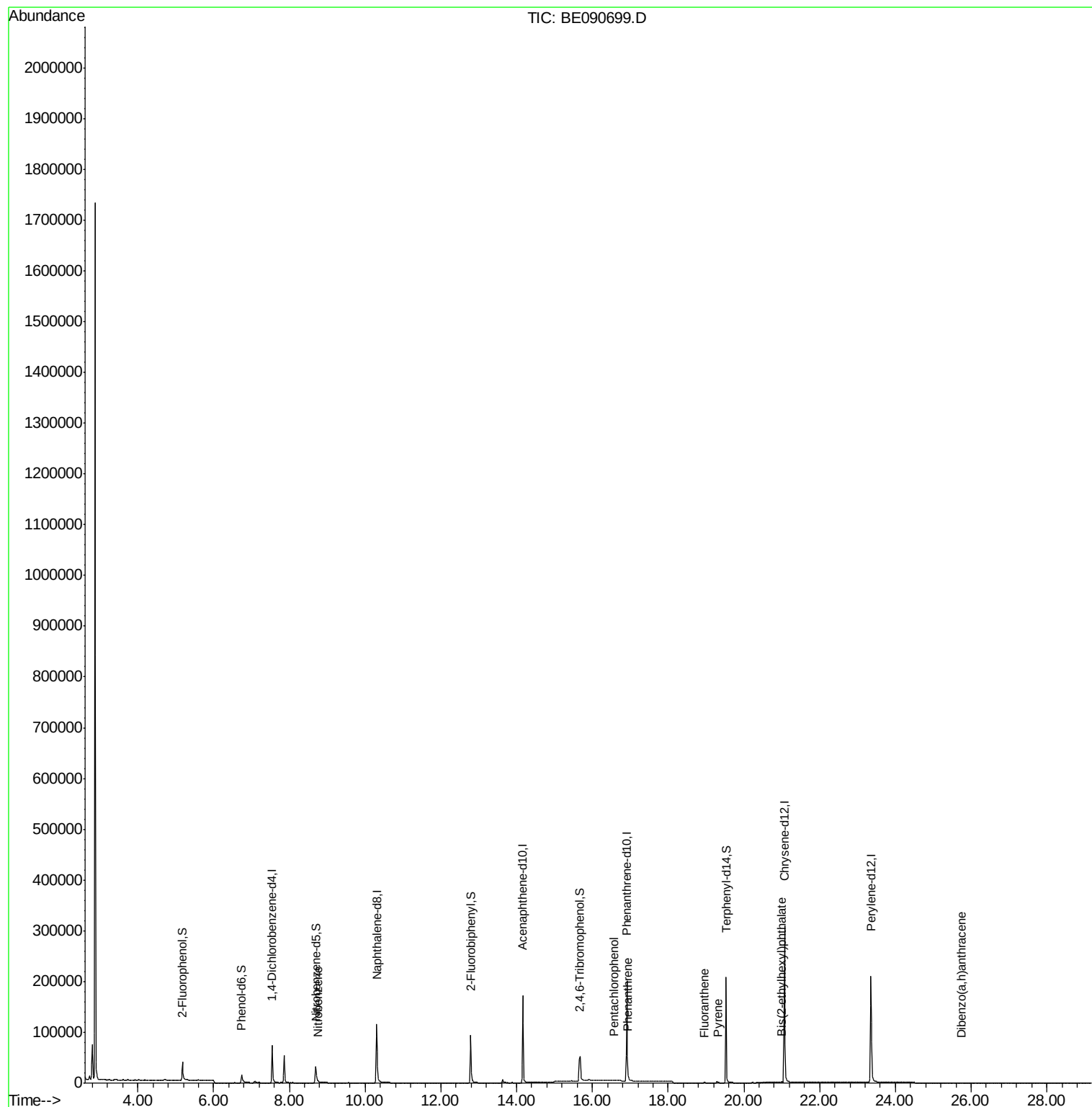
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	41158	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	183189	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	100347	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	257171	5.00	ng	0.00
25) Chrysene-d12	21.07	240	315428	5.00	ng	0.00
32) Perylene-d12	23.36	264	293313	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	32539	4.06	ng	-0.01
5) Phenol-d6	6.74	99	28651	2.50	ng	0.00
7) Nitrobenzene-d5	8.69	82	51251	4.23	ng	-0.01
13) 2,4,6-Tribromophenol	15.67	330	28077	9.50	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	109170	3.93	ng	0.00
27) Terphenyl-d14	19.53	244	216670	6.21	ng	-0.01
Target Compounds						
3) n-Nitrosodimethylamine	3.45	42	53	Below Cal	#	1
8) Nitrobenzene	8.77	77	24	0.11 ng	#	44
20) Hexachlorobenzene	16.23	284	255	Below Cal	#	44
21) Pentachlorophenol	16.58	266	16	0.46 ng	#	62
22) Phenanthrene	16.94	178	2251	0.04 ng	#	82
24) Fluoranthene	18.96	202	1564	0.02 ng	#	95
26) Pyrene	19.32	202	1751	0.03 ng	#	94
29) Chrysene	21.11	228	457	Below Cal	#	60
30) Bis(2-ethylhexyl)phthalate	21.01	149	2817	0.22 ng	#	99
36) Dibenzo(a,h)anthracene	25.74	278	16	0.14 ng	#	1

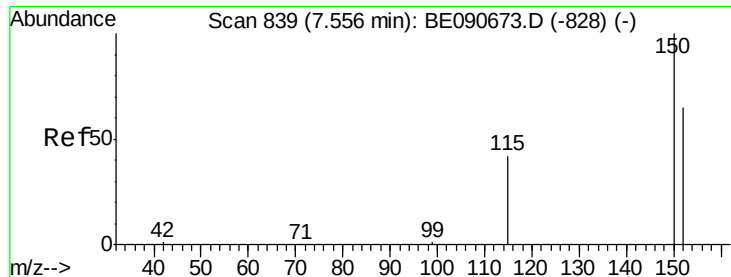
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 02 11:40:50 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 837

Delta R.T. -0.01 min

Lab File: BE090699.D

Acq: 2 Sep 2015 11:53

Instrument :

BNA_E

ClientSampleId :

082815-D506-E-D-M

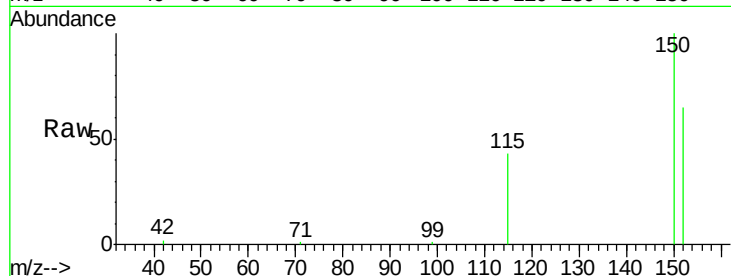
Tgt Ion:152 Resp: 41158

Ion Ratio Lower Upper

152 100

150 153.8 122.2 183.4

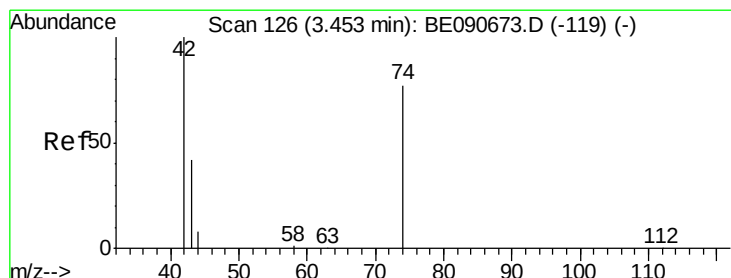
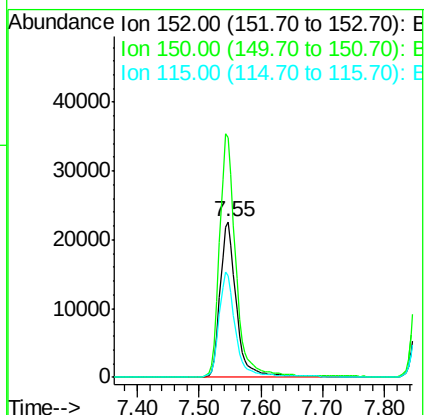
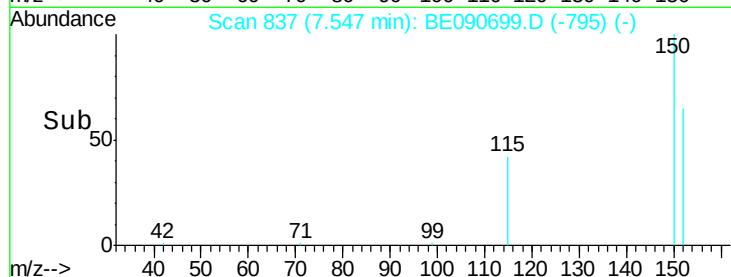
115 65.6 51.0 76.4



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



#3

n-Nitrosodimethylamine

Concen: Below Cal

RT: 3.45 min Scan# 126

Delta R.T. 0.00 min

Lab File: BE090699.D

Acq: 2 Sep 2015 11:53

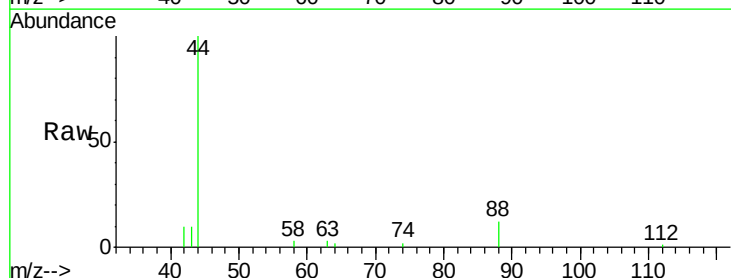
Tgt Ion: 42 Resp: 53

Ion Ratio Lower Upper

42 100

74 0.0 83.7 125.5#

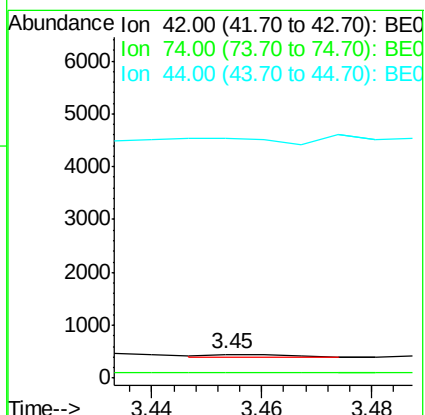
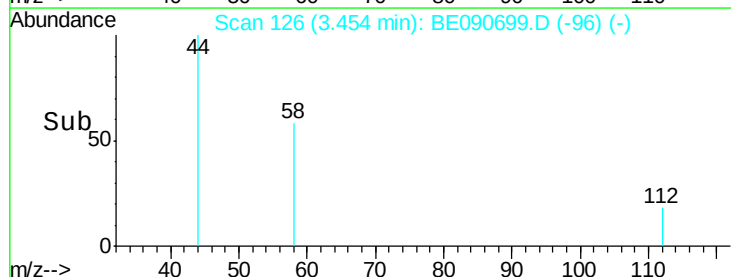
44 267.9 10.0 15.0#

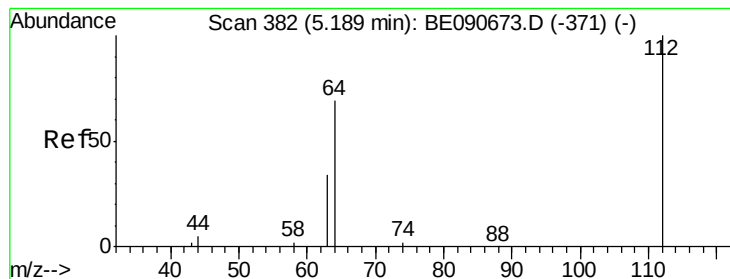


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 4.06 ng

RT: 5.18 min Scan# 380

Delta R.T. -0.01 min

Lab File: BE090699.D

Acq: 2 Sep 2015 11:53

Instrument :

BNA_E

ClientSampleId :

082815-D506-E-D-M

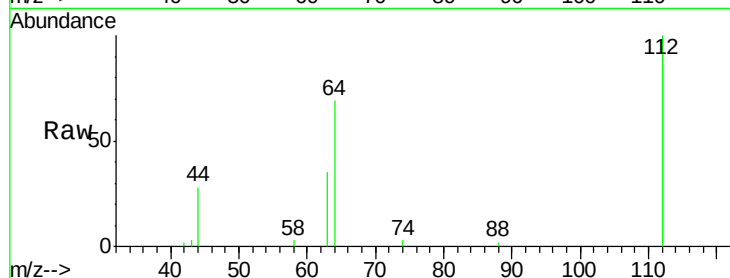
Tgt Ion: 112 Resp: 32539

Ion Ratio Lower Upper

112 100

64 71.6 57.3 85.9

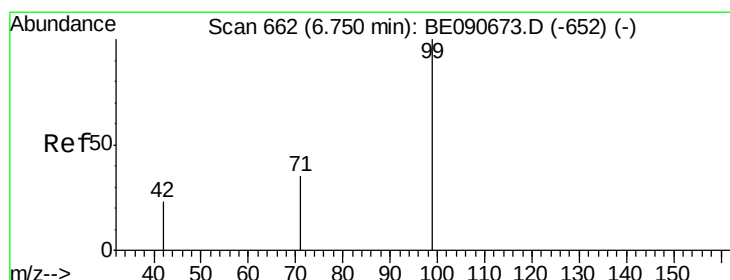
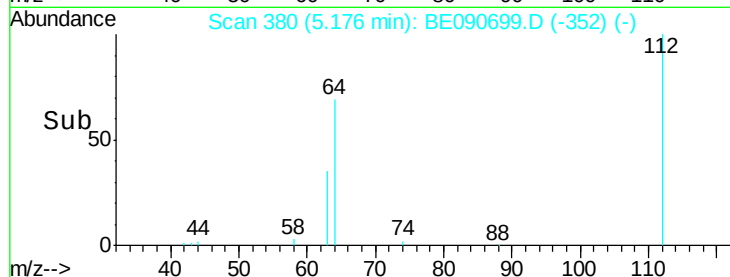
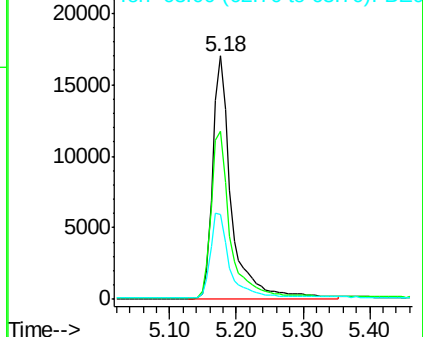
63 35.8 29.2 43.8



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 2.50 ng

RT: 6.74 min Scan# 660

Delta R.T. -0.01 min

Lab File: BE090699.D

Acq: 2 Sep 2015 11:53

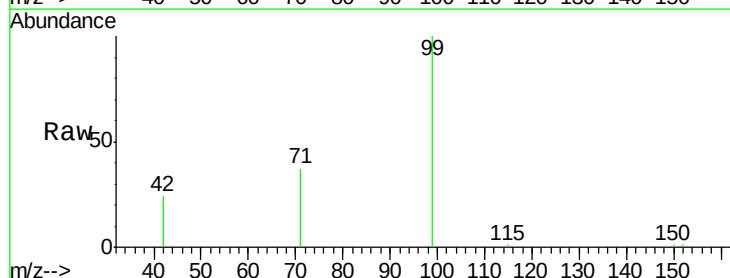
Tgt Ion: 99 Resp: 28651

Ion Ratio Lower Upper

99 100

42 21.2 16.8 25.2

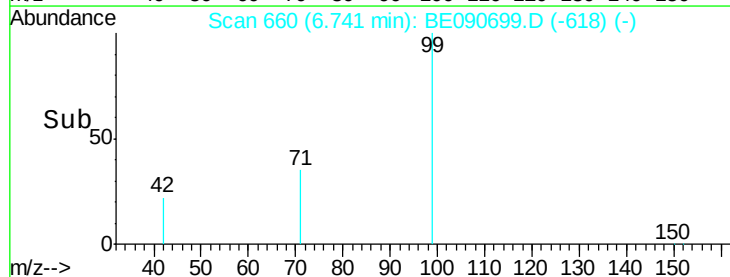
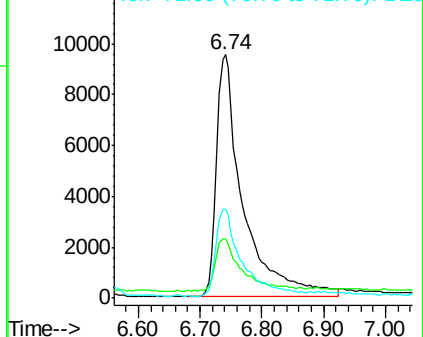
71 35.3 28.3 42.5

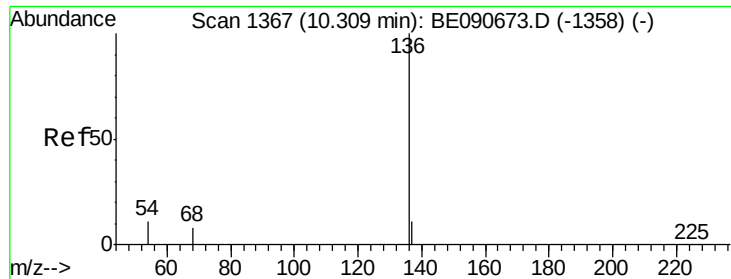


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090699.D

Acq: 2 Sep 2015 11:53

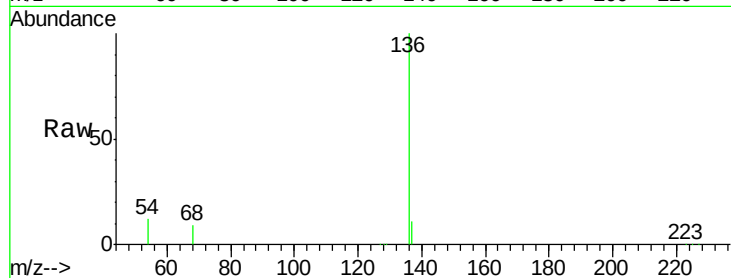
Instrument :

BNA_E

ClientSampleId :

082815-D506-E-D-M

Tgt Ion:	136	Resp:	183189
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	12.1	9.0	13.6
68	8.6	6.3	9.5

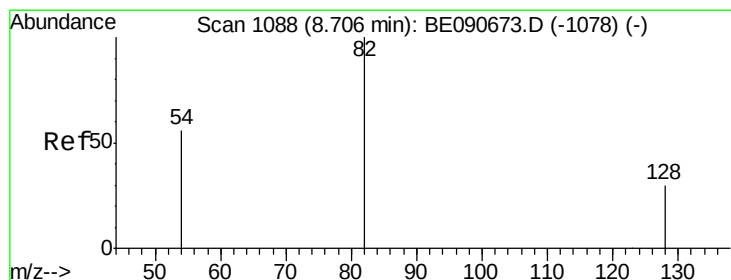
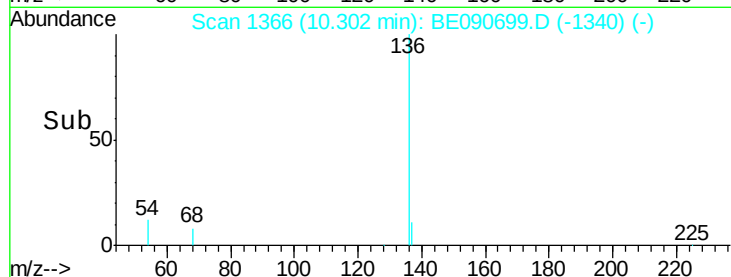
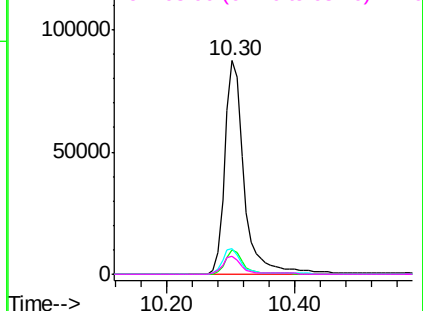


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.23 ng

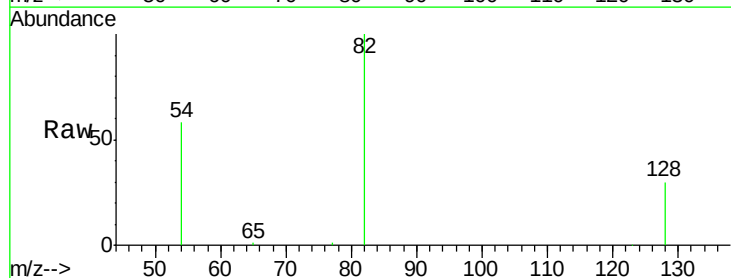
RT: 8.69 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BE090699.D

Acq: 2 Sep 2015 11:53

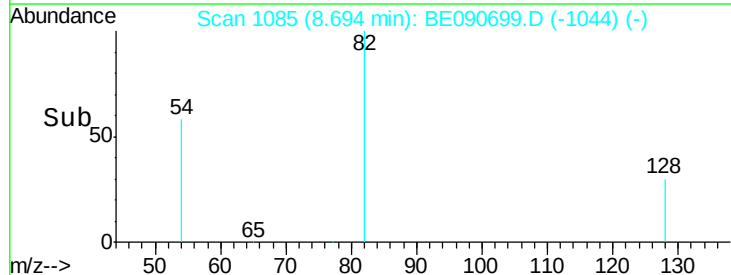
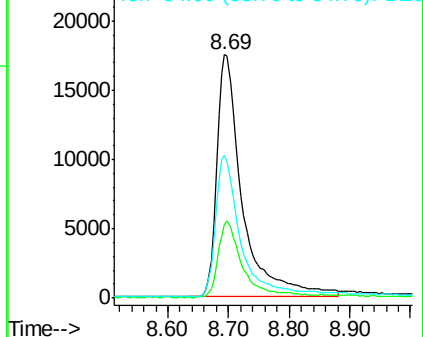
Tgt Ion:	82	Resp:	51251
Ion	Ratio	Lower	Upper
82	100		
128	30.0	25.0	37.4
54	58.5	46.3	69.5

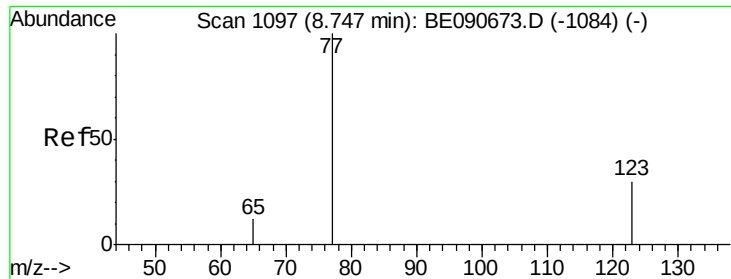


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.77 min Scan# 1102

Delta R.T. 0.02 min

Lab File: BE090699.D

Acq: 2 Sep 2015 11:53

Instrument :

BNA_E

ClientSampleId :

082815-D506-E-D-M

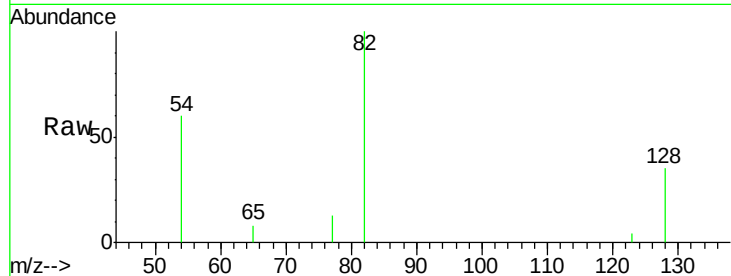
Tgt Ion: 77 Resp: 24

Ion Ratio Lower Upper

77 100

123 0.0 25.1 37.7#

65 33.3 9.9 14.9#

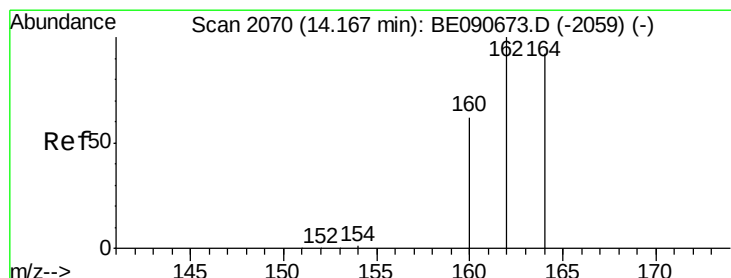
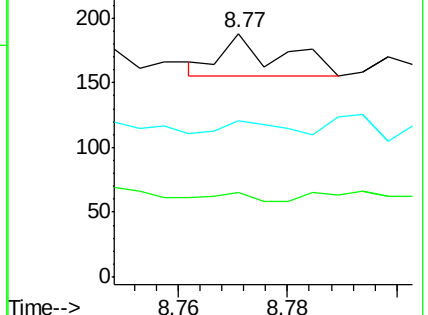
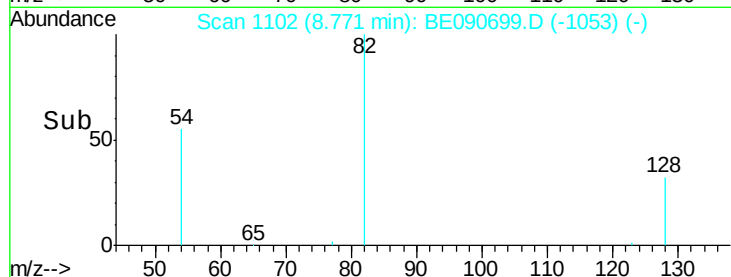


Abundance Ion 77.00 (76.70 to 77.70): BE090673.D (-1084) (-)

Ion 123.00 (122.70 to 123.70): BE090673.D (-1084) (-)

Ion 65.00 (64.70 to 65.70): BE090673.D (-1084) (-)

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090699.D

Acq: 2 Sep 2015 11:53

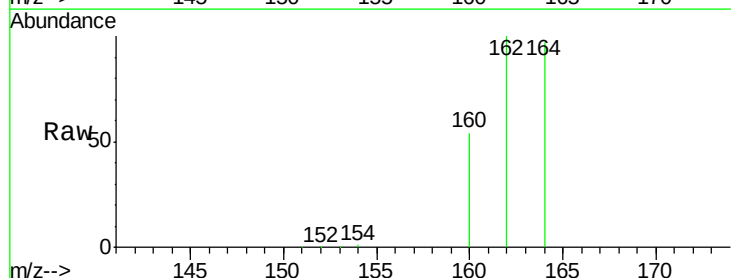
Tgt Ion: 164 Resp: 100347

Ion Ratio Lower Upper

164 100

162 102.9 86.8 130.2

160 55.6 53.9 80.9

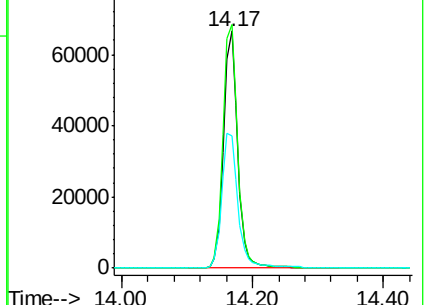
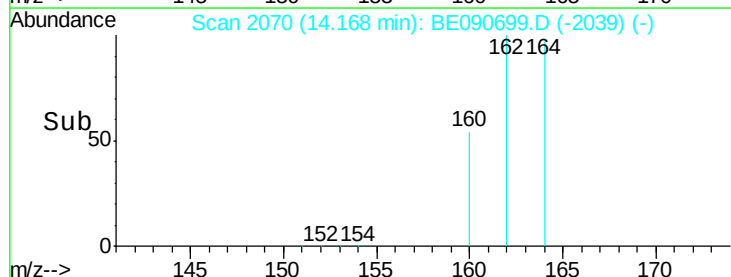


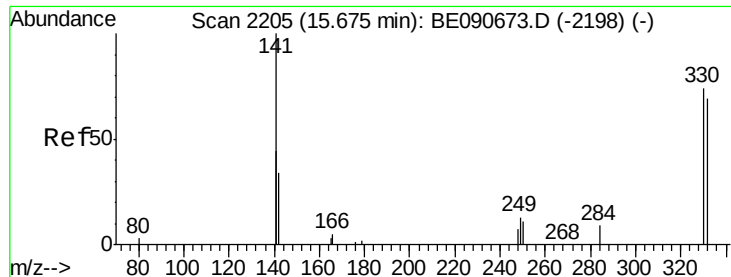
Abundance Ion 164.00 (163.70 to 164.70): BE090673.D (-2059) (-)

Ion 162.00 (161.70 to 162.70): BE090673.D (-2059) (-)

Ion 160.00 (159.70 to 160.70): BE090673.D (-2059) (-)

Time-->

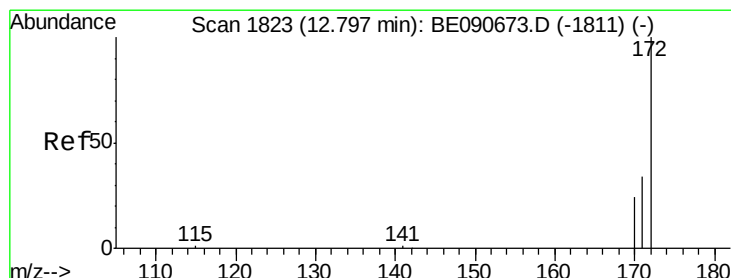
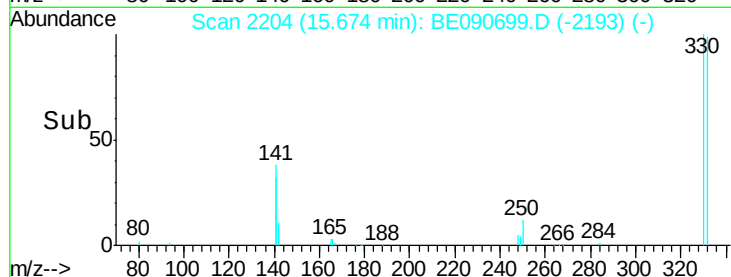
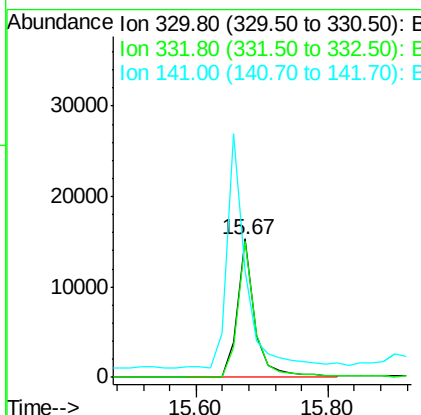
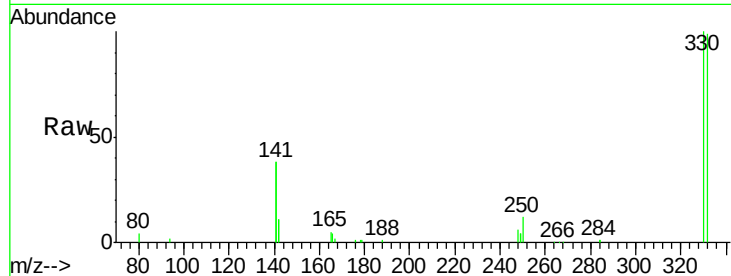




#13
 2,4,6-Tribromophenol
 Concen: 9.50 ng
 RT: 15.67 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE090699.D
 Acq: 2 Sep 2015 11:53

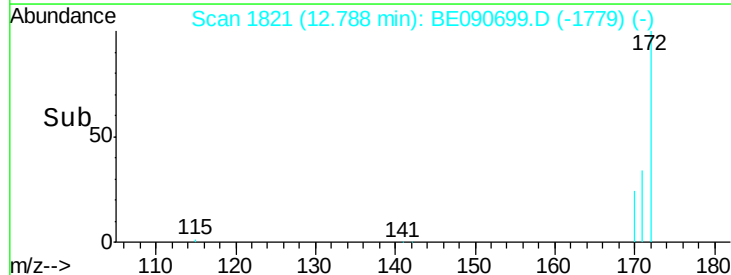
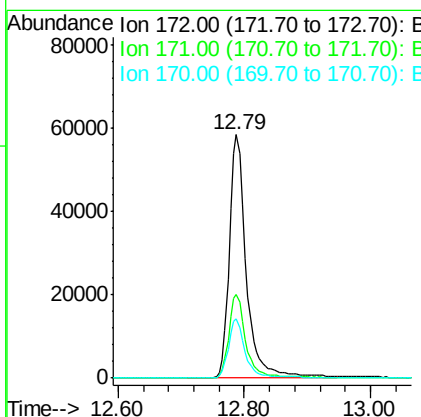
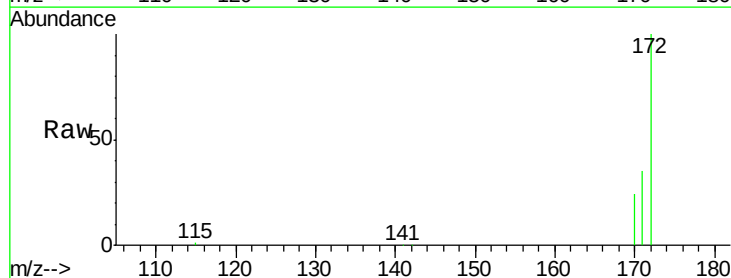
Instrument :
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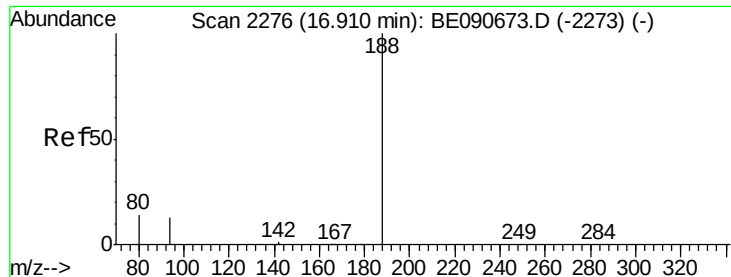
Tgt Ion: 330 Resp: 28077
 Ion Ratio Lower Upper
 330 100
 332 97.9 74.9 112.3
 141 179.2 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 3.93 ng
 RT: 12.79 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BE090699.D
 Acq: 2 Sep 2015 11:53

Tgt Ion: 172 Resp: 109170
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.8 41.8
 170 24.3 19.8 29.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2275

Delta R.T. -0.00 min

Lab File: BE090699.D

Acq: 2 Sep 2015 11:53

Instrument :

BNA_E

ClientSampleId :

082815-D506-E-D-M

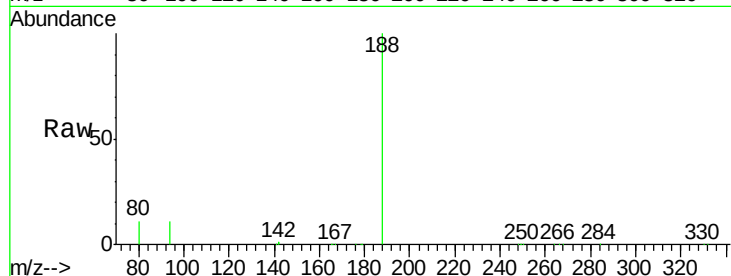
Tgt Ion:188 Resp: 257171

Ion Ratio Lower Upper

188 100

94 10.6 10.3 15.5

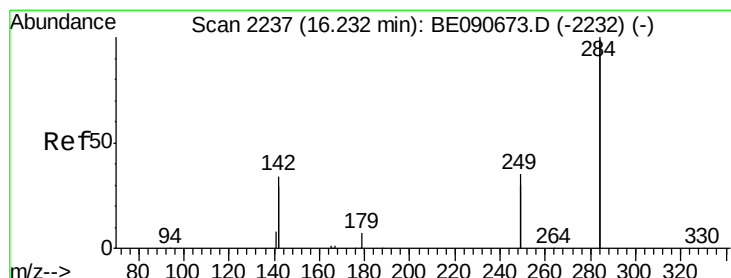
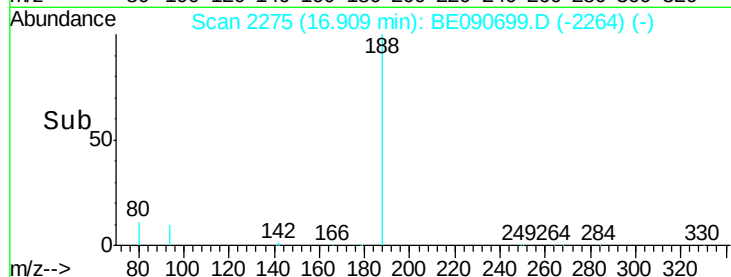
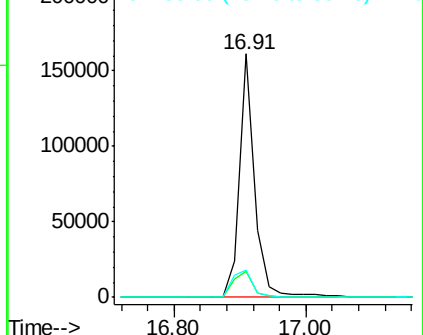
80 11.4 11.0 16.6



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



#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BE090699.D

Acq: 2 Sep 2015 11:53

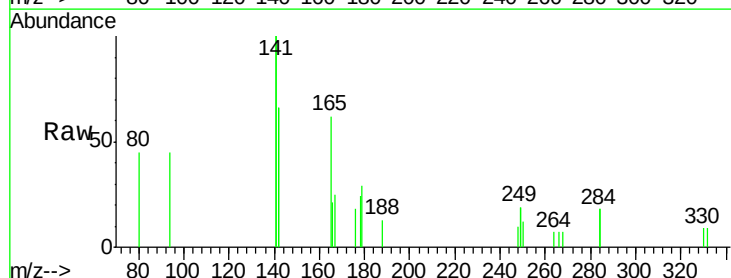
Tgt Ion:284 Resp: 255

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

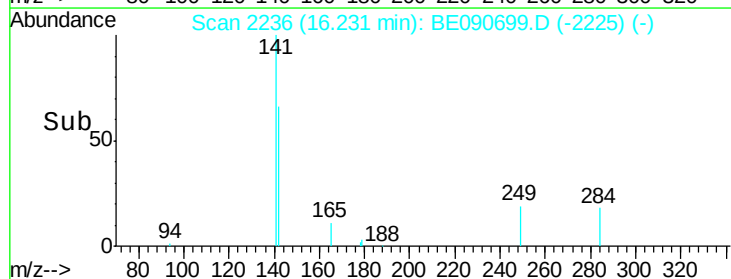
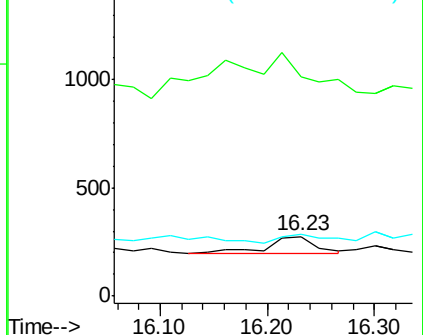
249 54.1 25.5 38.3#

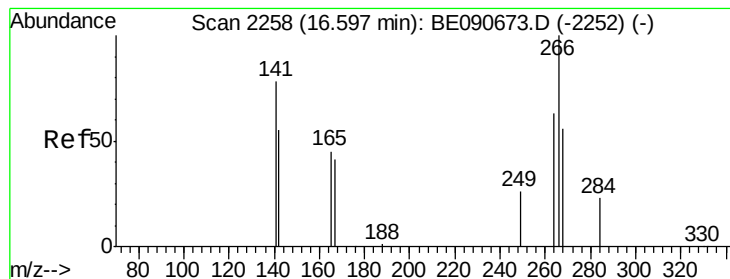


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.46 ng

RT: 16.58 min Scan# 2256

Delta R.T. -0.02 min

Lab File: BE090699.D

Acq: 2 Sep 2015 11:53

Instrument :

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ClientSampleId :

082815-D506-E-D-M

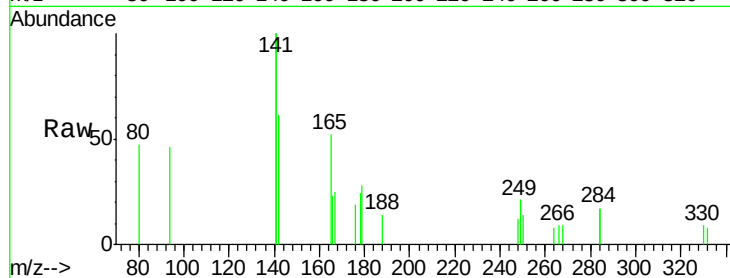
Tgt Ion: 266 Resp: 16

Ion Ratio Lower Upper

266 100

268 100.0 49.6 74.4#

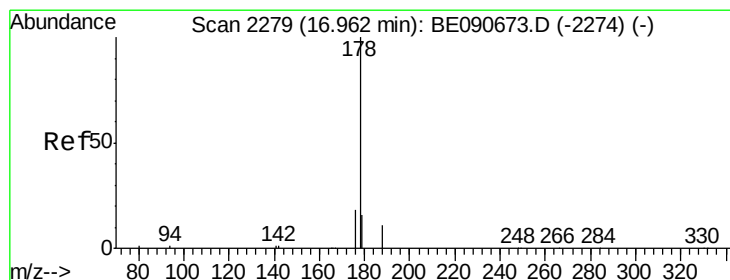
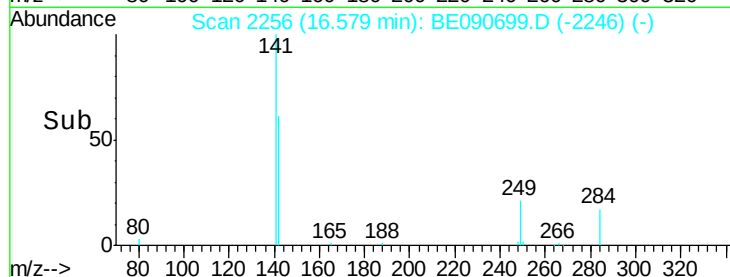
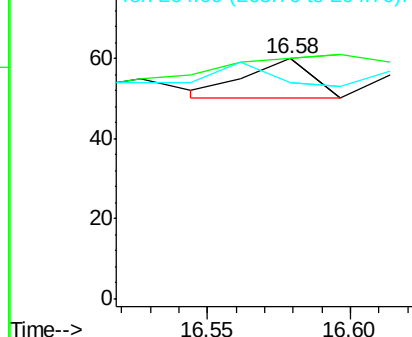
264 90.0 53.9 80.9#



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



#22

Phenanthrene

Concen: 0.04 ng

RT: 16.94 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BE090699.D

Acq: 2 Sep 2015 11:53

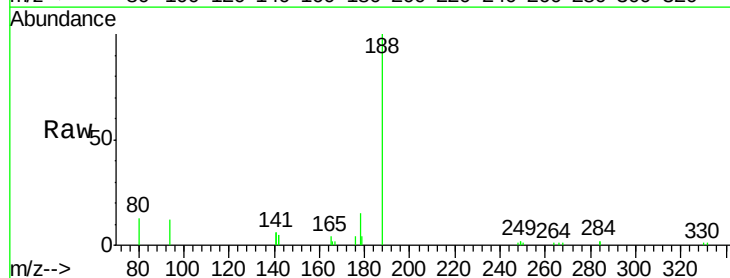
Tgt Ion: 178 Resp: 2251

Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

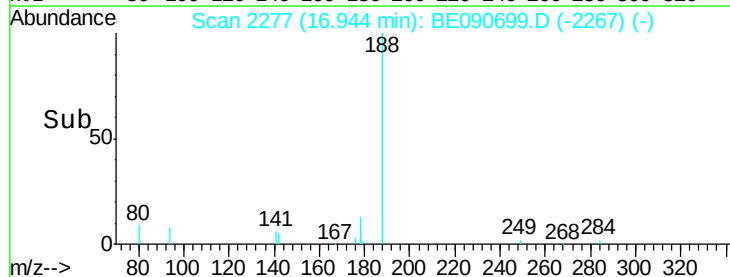
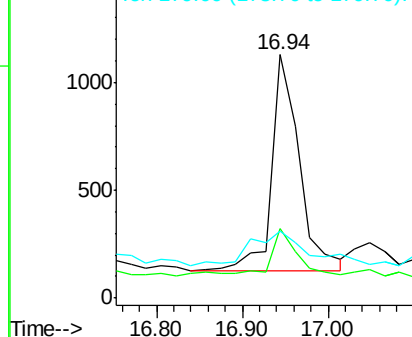
179 32.7 12.8 19.2#

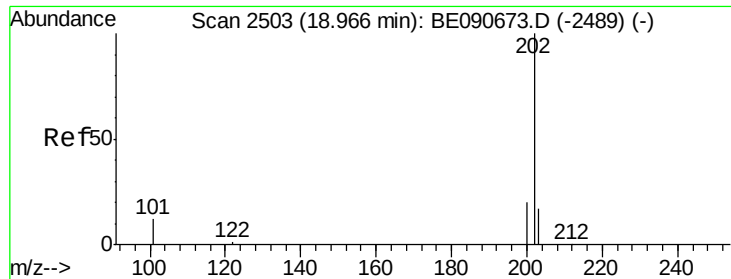


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

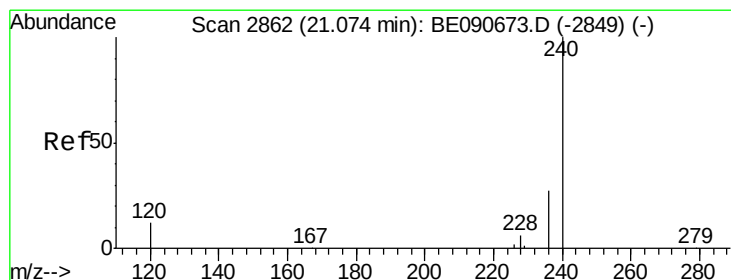
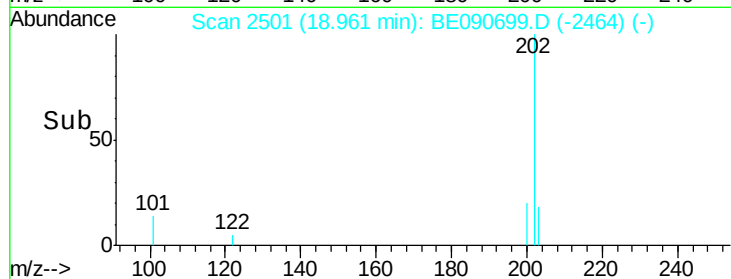
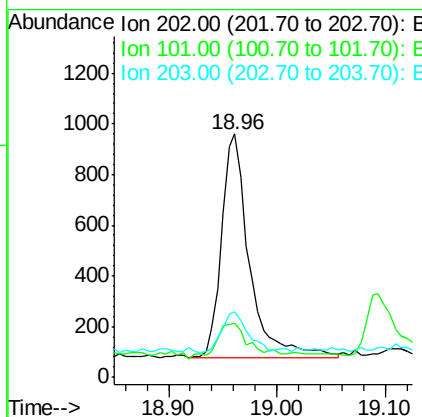
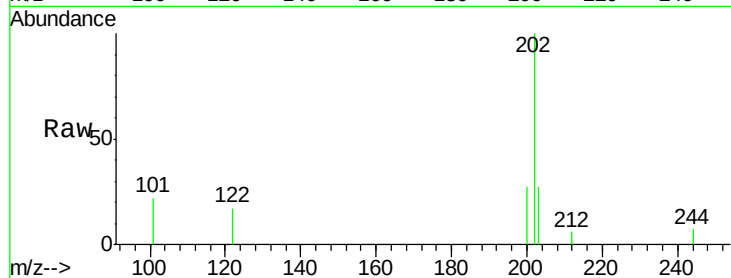




#24
 Fluoranthene
 Concen: 0.02 ng
 RT: 18.96 min Scan# 2501
 Delta R.T. -0.01 min
 Lab File: BE090699.D
 Acq: 2 Sep 2015 11:53

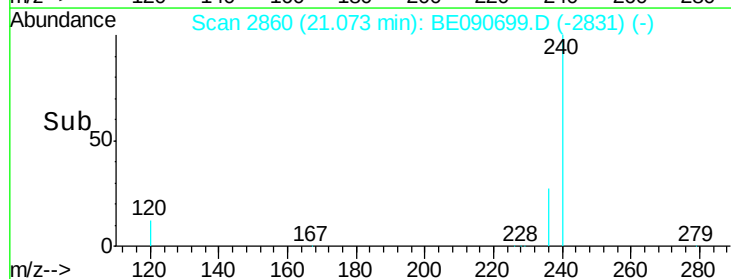
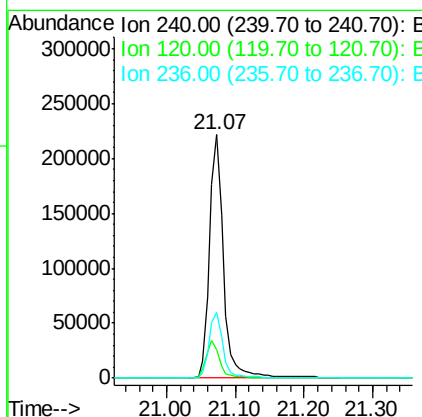
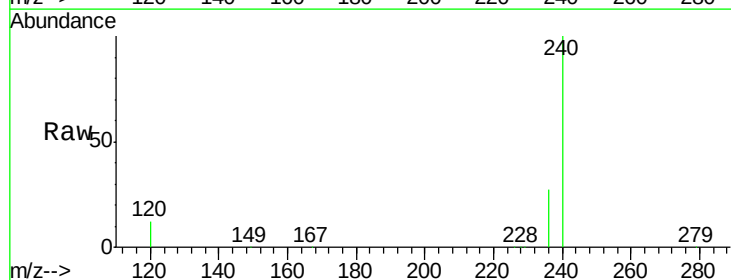
Instrument :
 BNA_E
 ClientSampleId :
 082815-D506-E-D-M

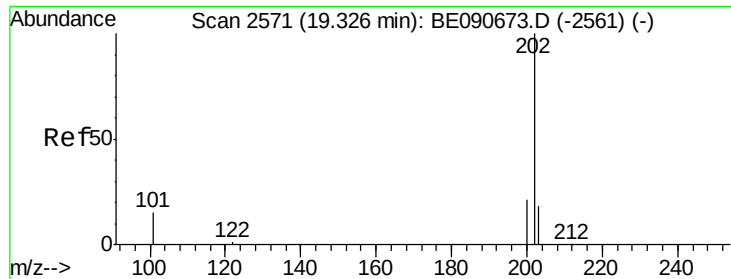
Tgt Ion:202 Resp: 1564
 Ion Ratio Lower Upper
 202 100
 101 17.5 11.0 16.6#
 203 16.9 13.9 20.9



#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.07 min Scan# 2860
 Delta R.T. -0.00 min
 Lab File: BE090699.D
 Acq: 2 Sep 2015 11:53

Tgt Ion:240 Resp: 315428
 Ion Ratio Lower Upper
 240 100
 120 12.0 10.1 15.1
 236 26.8 21.9 32.9





#26

Pyrene

Concen: 0.03 ng

RT: 19.32 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BE090699.D

Acq: 2 Sep 2015 11:53

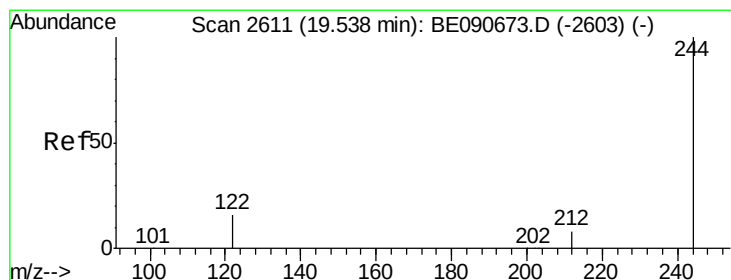
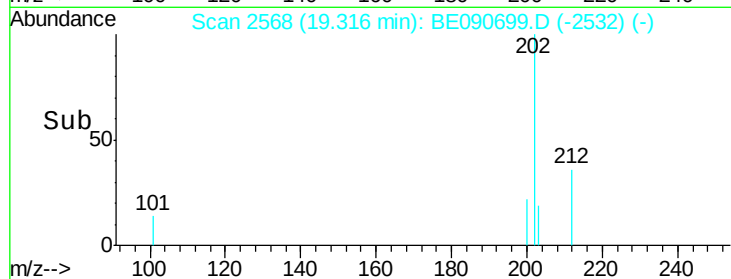
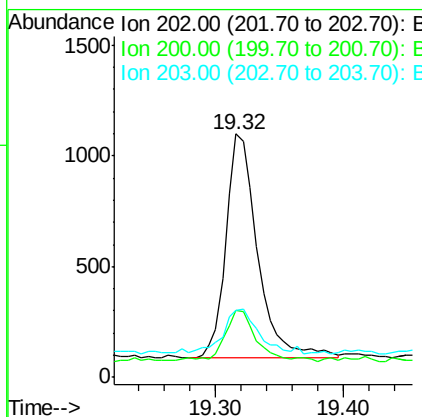
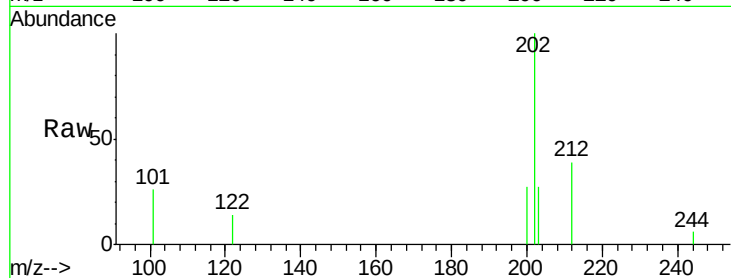
Instrument :

BNA_E

ClientSampleId :

082815-D506-E-D-M

Tgt Ion:	202	Resp:	1751
Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.7	25.1
203	21.4	13.8	20.6



#27

Terphenyl-d14

Concen: 6.21 ng

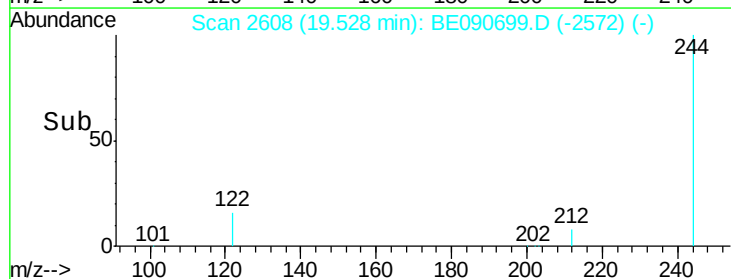
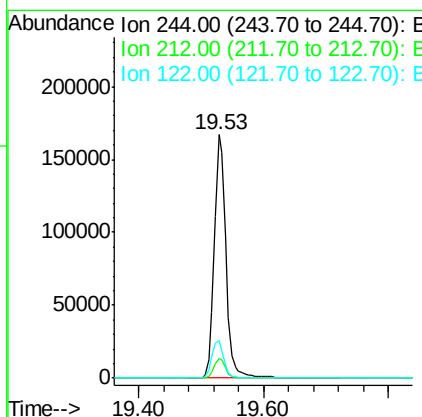
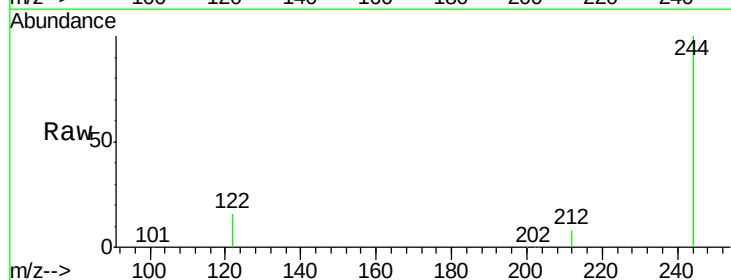
RT: 19.53 min Scan# 2608

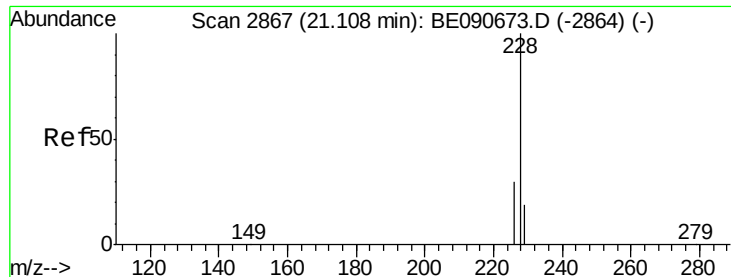
Delta R.T. -0.01 min

Lab File: BE090699.D

Acq: 2 Sep 2015 11:53

Tgt Ion:	244	Resp:	216670
Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	15.6	12.9	19.3





#29

Chrysene

Concen: Below Cal

RT: 21.11 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BE090699.D

Acq: 2 Sep 2015 11:53

Instrument :

BNA_E

ClientSampleId :

082815-D506-E-D-M

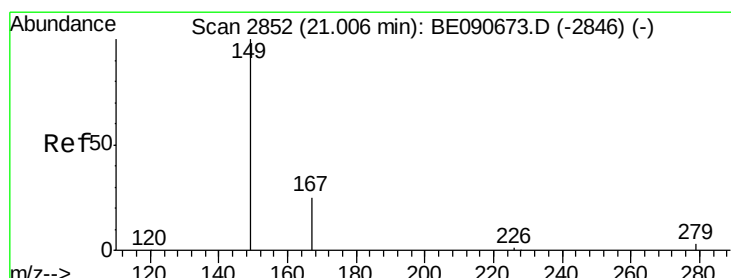
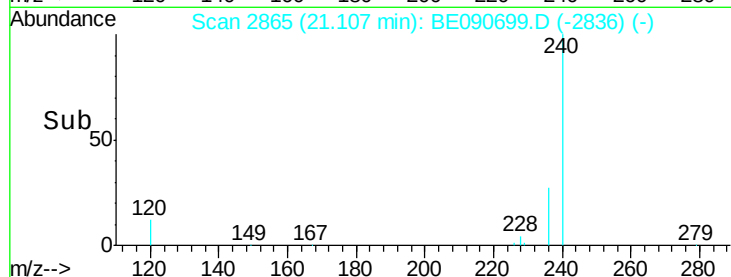
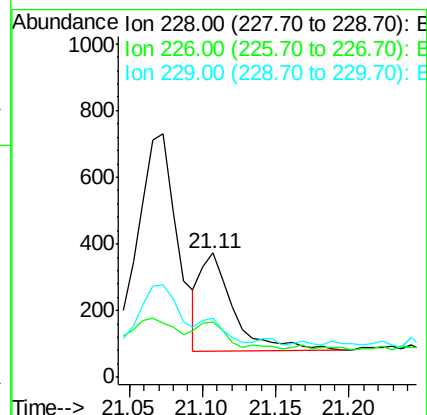
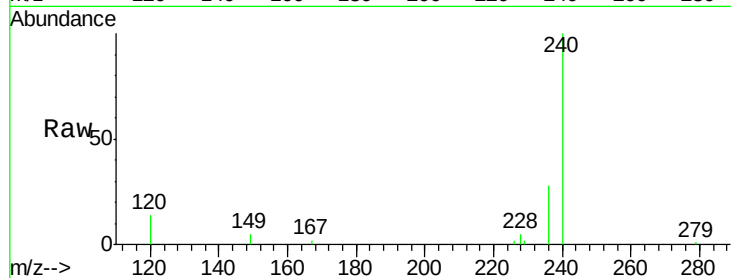
Tgt Ion: 228 Resp: 457

Ion Ratio Lower Upper

228 100

226 44.4 24.2 36.4#

229 47.3 15.3 22.9#



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.22 ng

RT: 21.01 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BE090699.D

Acq: 2 Sep 2015 11:53

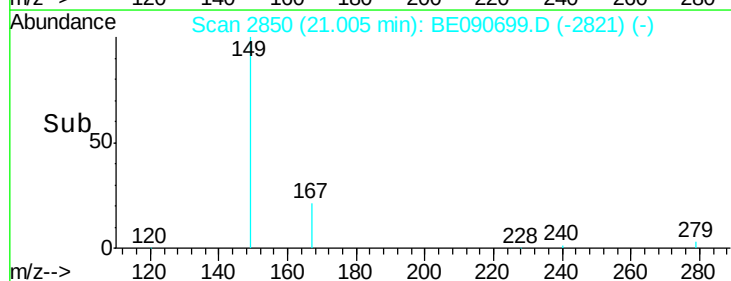
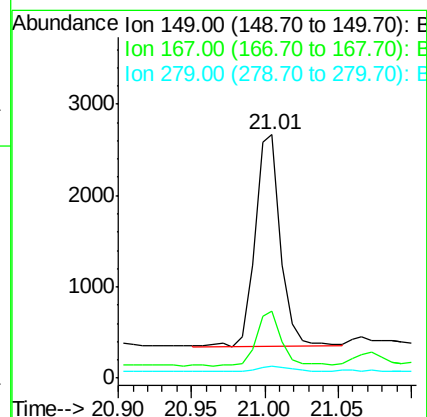
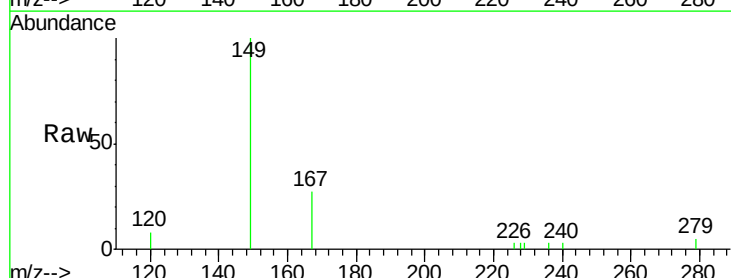
Tgt Ion: 149 Resp: 2817

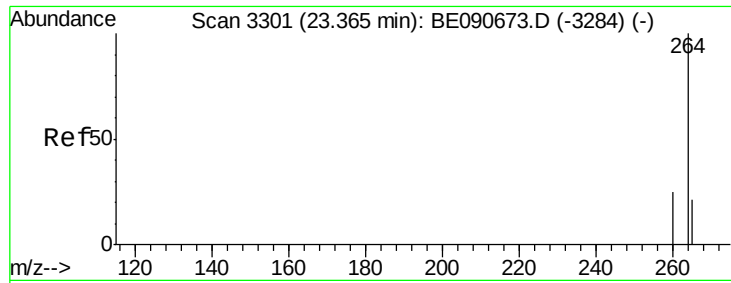
Ion Ratio Lower Upper

149 100

167 24.7 20.1 30.1

279 3.2 2.3 3.5

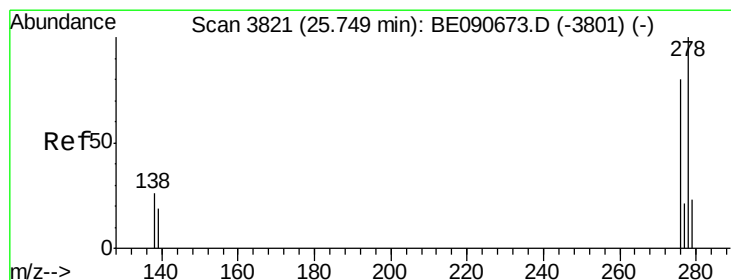
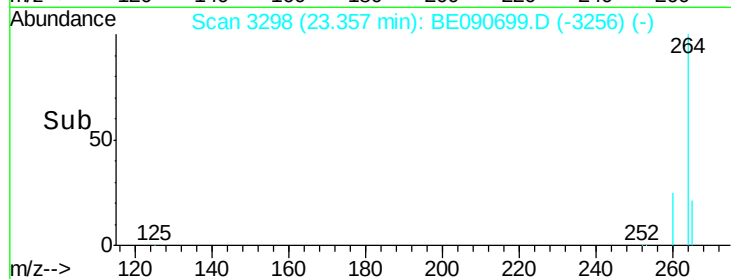
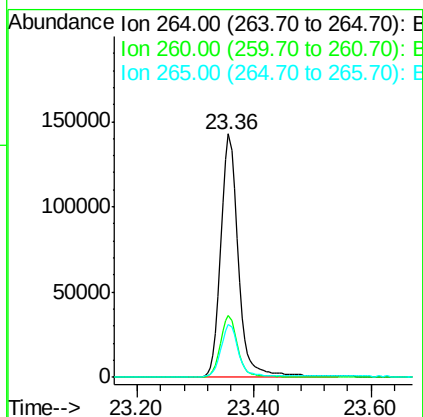
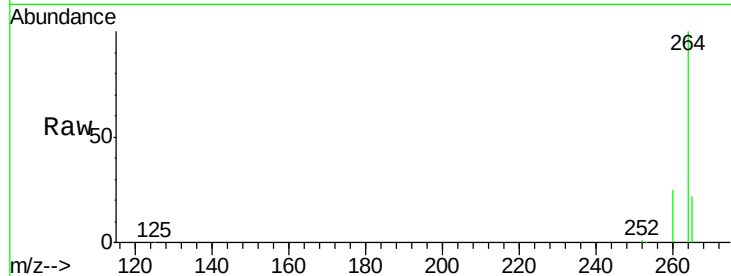




#32
Perylene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3298
 Delta R.T. -0.01 min
 Lab File: BE090699.D
 Acq: 2 Sep 2015 11:53

Instrument :
 BNA_E
 ClientSampleId :
 082815-D506-E-D-M

Tgt Ion: 264 Resp: 293313
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.7 29.5
 265 21.7 17.5 26.3



#36
Dibenzo(a,h)anthracene
 Concen: 0.14 ng
 RT: 25.74 min Scan# 3817
 Delta R.T. -0.01 min
 Lab File: BE090699.D
 Acq: 2 Sep 2015 11:53

Tgt Ion: 278 Resp: 16
 Ion Ratio Lower Upper
 278 100
 139 145.0 15.4 23.0#
 279 123.8 18.8 28.2#

