

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082415\
 Data File : BE090603.D
 Acq On : 24 Aug 2015 16:21
 Operator : UM/IZ
 Sample : IDOC-W-BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 IDOC-W-BL

Quant Time: Aug 24 22:59:08 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

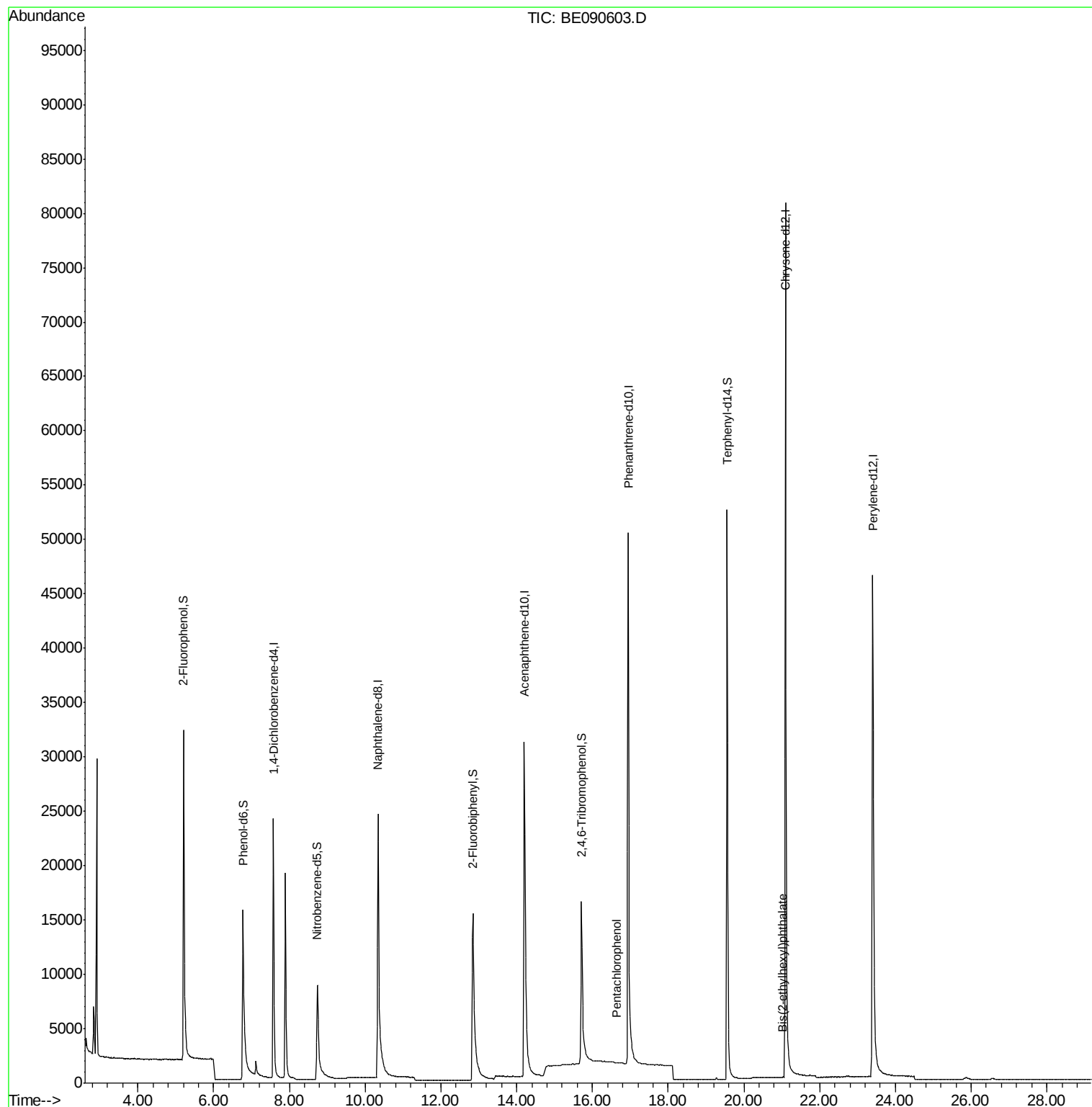
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	13949	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	57659	5.00	ng	0.00
12) Acenaphthene-d10	14.21	164	34098	5.00	ng	0.01
18) Phenanthrene-d10	16.94	188	91184	5.00	ng	0.00
25) Chrysene-d12	21.10	240	103679	5.00	ng	0.00
32) Perylene-d12	23.41	264	89605	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	28318	7.02	ng	0.00
5) Phenol-d6	6.77	99	32909	5.55	ng	0.00
7) Nitrobenzene-d5	8.74	82	16831	3.66	ng	0.01
13) 2,4,6-Tribromophenol	15.71	330	10982	8.37	ng	0.00
14) 2-Fluorobiphenyl	12.85	172	38147	3.75	ng	0.03
27) Terphenyl-d14	19.56	244	74042	3.90	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.26	88	29	Below Cal	#	53
21) Pentachlorophenol	16.63	266	3	0.30 ng	#	64
30) Bis(2-ethylhexyl)phthalate	21.03	149	103	0.15 ng	#	95

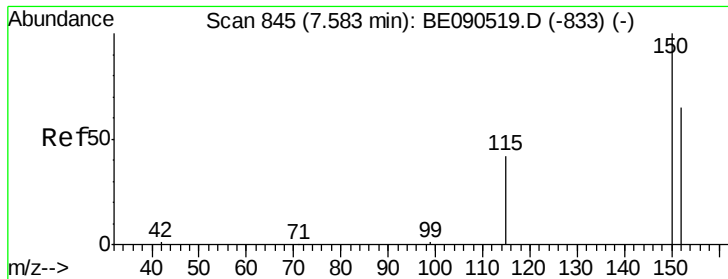
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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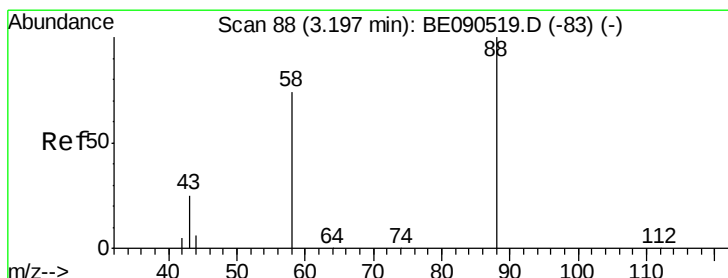
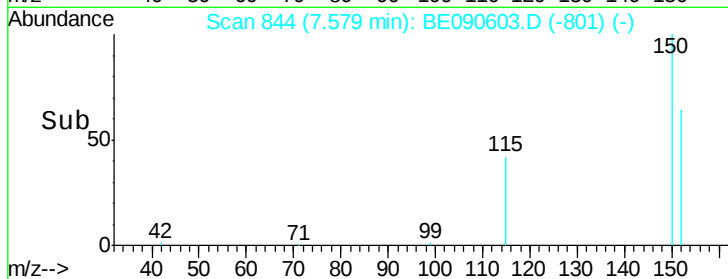
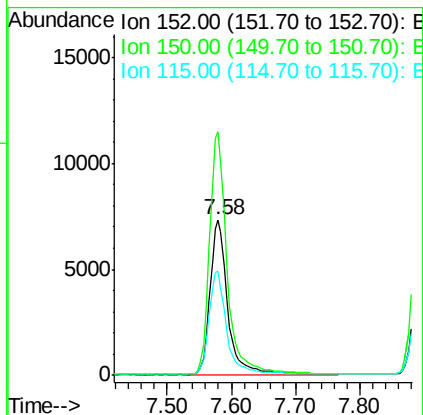
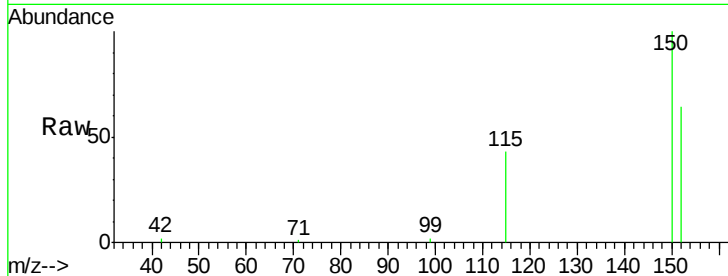


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.00 min
Lab File: BE090603.D
Acq: 24 Aug 2015 16:21

Instrument :
BNA_E
ClientSampleId :
IDOC-W-BL

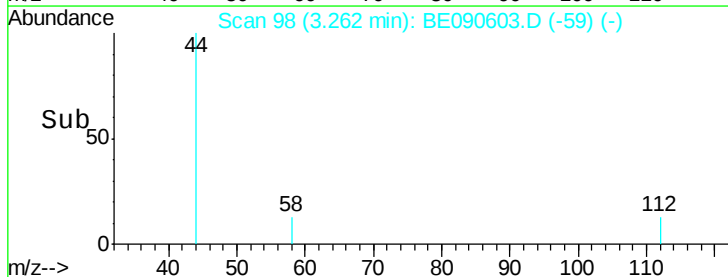
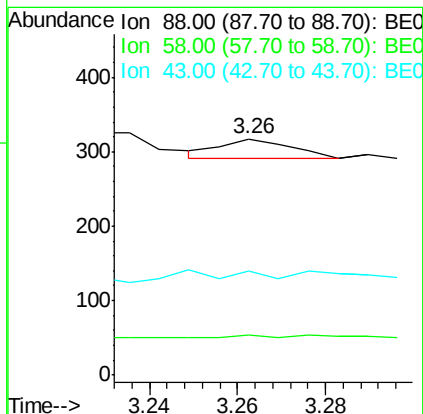
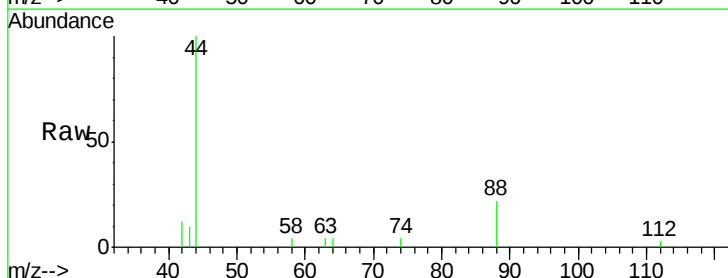
Tgt Ion: 152 Resp: 13949
Ion Ratio Lower Upper
152 100
150 156.6 123.0 184.4
115 66.9 48.9 73.3



#2

1,4-Dioxane
Concen: Below Cal
RT: 3.26 min Scan# 98
Delta R.T. 0.07 min
Lab File: BE090603.D
Acq: 24 Aug 2015 16:21

Tgt Ion: 88 Resp: 29
Ion Ratio Lower Upper
88 100
58 27.6 70.0 105.0#
43 37.9 28.4 42.6





#4

2-Fluorophenol

Concen: 7.02 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090603.D

Acq: 24 Aug 2015 16:21

Instrument :

BNA_E

ClientSampleId :

IDOC-W-BL

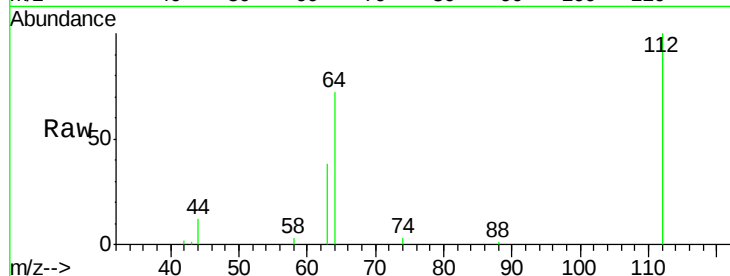
Tgt Ion: 112 Resp: 28318

Ion Ratio Lower Upper

112 100

64 69.6 37.1 55.7#

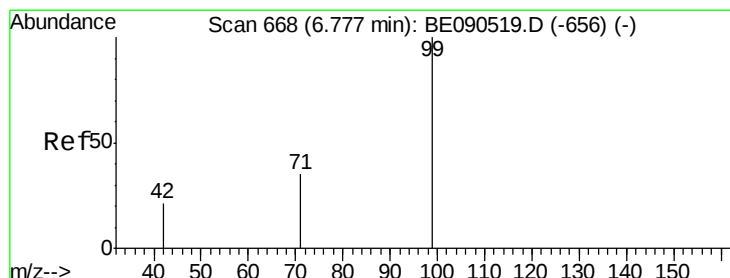
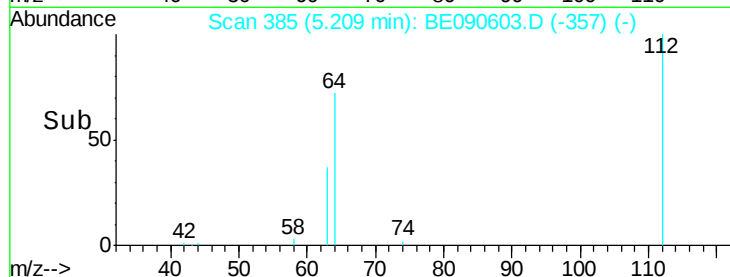
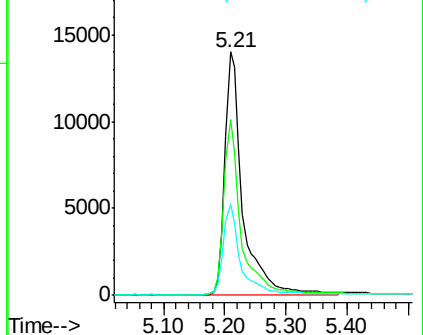
63 36.2 19.5 29.3#



Abundance Ion 112.00 (111.70 to 112.70): BE090519.D (-378) (-)

Ion 64.00 (63.70 to 64.70): BE090519.D (-378) (-)

Ion 63.00 (62.70 to 63.70): BE090519.D (-378) (-)



#5

Phenol-d6

Concen: 5.55 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.00 min

Lab File: BE090603.D

Acq: 24 Aug 2015 16:21

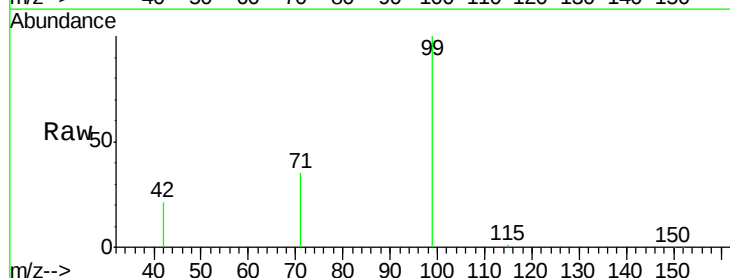
Tgt Ion: 99 Resp: 32909

Ion Ratio Lower Upper

99 100

42 20.9 18.2 27.4

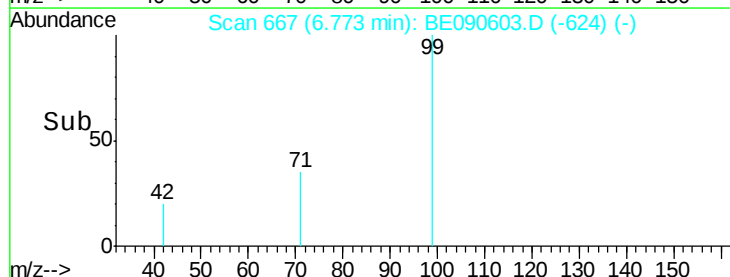
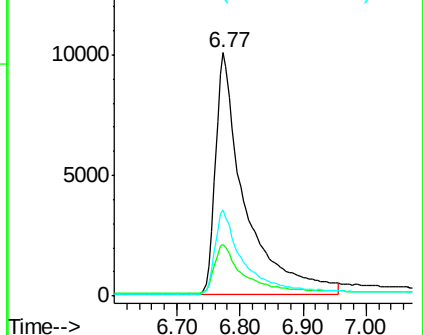
71 35.4 27.4 41.0

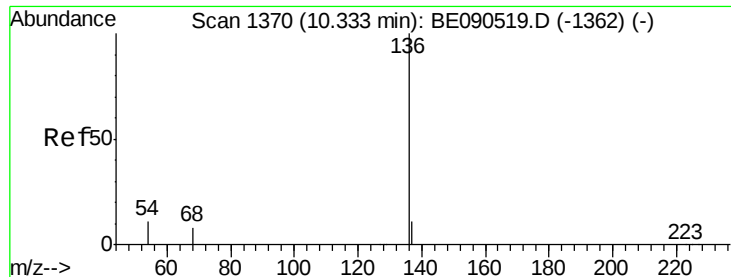


Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

Ion 42.00 (41.70 to 42.70): BE090519.D (-656) (-)

Ion 71.00 (70.70 to 71.70): BE090519.D (-656) (-)





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BE090603.D

Acq: 24 Aug 2015 16:21

Instrument :

BNA_E

ClientSampleId :

IDOC-W-BL

Tgt Ion:136 Resp: 57659

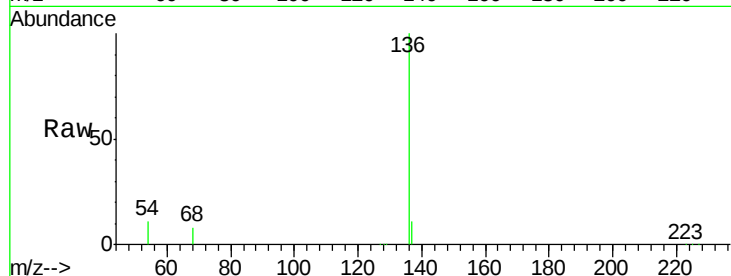
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 11.3 9.4 14.0

68 8.3 6.5 9.7

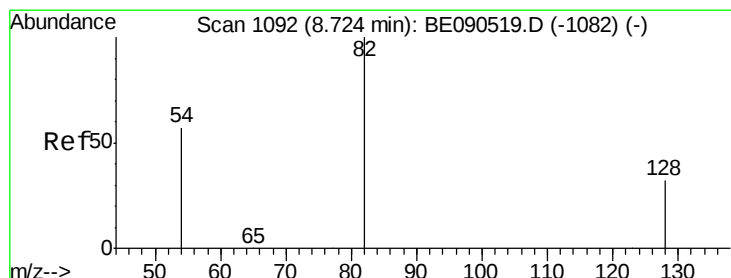
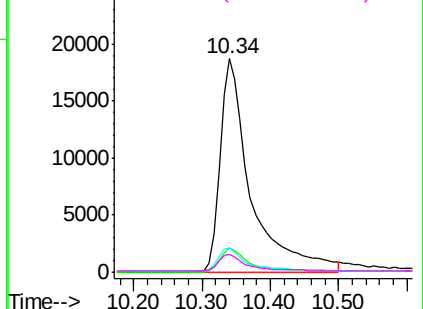
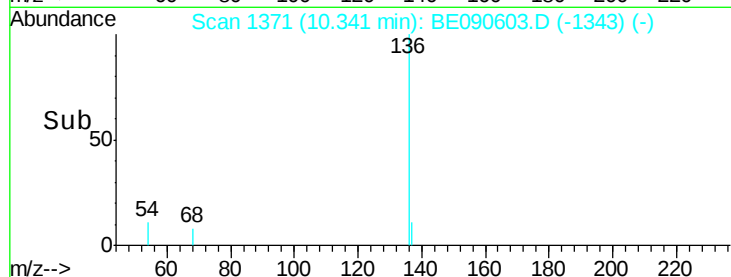


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.66 ng

RT: 8.74 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BE090603.D

Acq: 24 Aug 2015 16:21

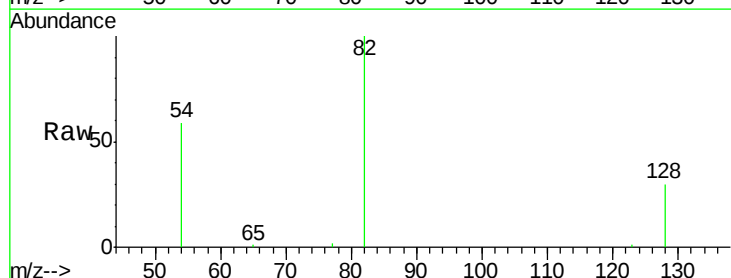
Tgt Ion: 82 Resp: 16831

Ion Ratio Lower Upper

82 100

128 30.4 25.0 37.6

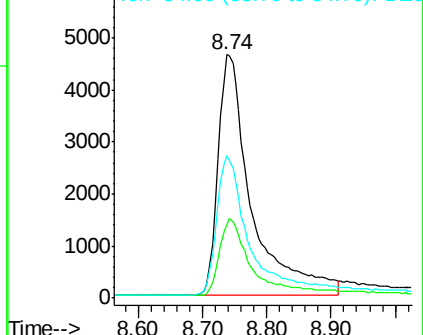
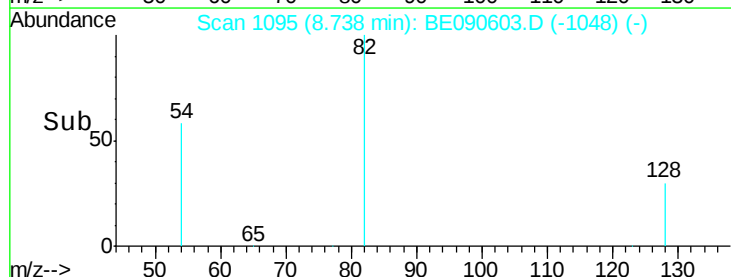
54 58.5 48.8 73.2

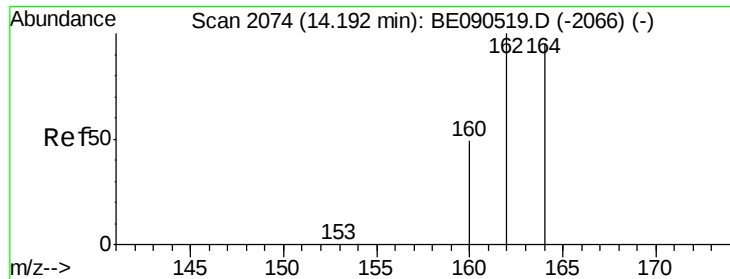


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.21 min Scan# 2076

Delta R.T. 0.01 min

Lab File: BE090603.D

Acq: 24 Aug 2015 16:21

Instrument :

BNA_E

ClientSampleId :

IDOC-W-BL

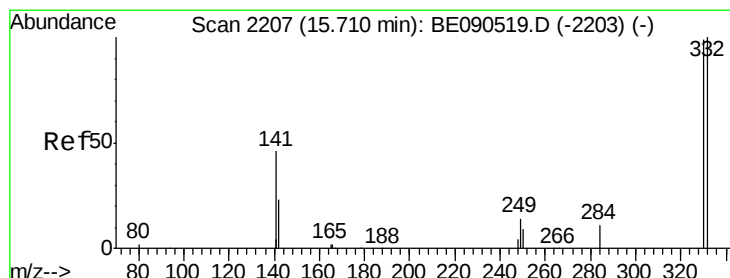
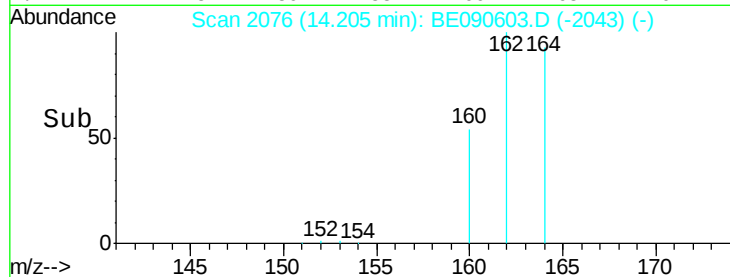
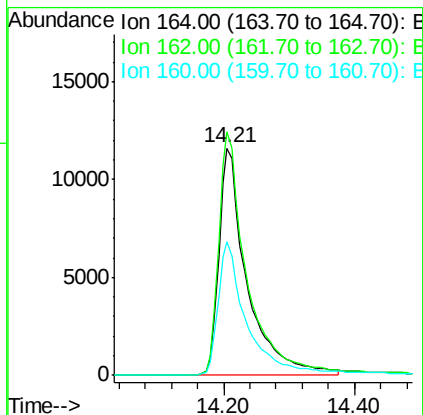
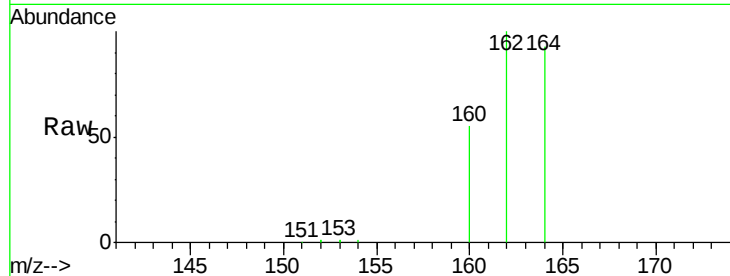
Tgt Ion:164 Resp: 34098

Ion Ratio Lower Upper

164 100

162 107.0 81.8 122.8

160 58.5 44.2 66.4



#13

2,4,6-Tribromophenol

Concen: 8.37 ng

RT: 15.71 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BE090603.D

Acq: 24 Aug 2015 16:21

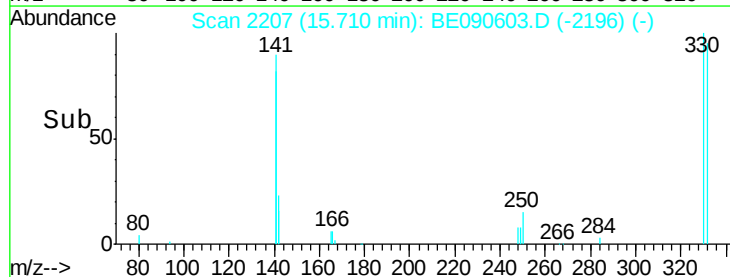
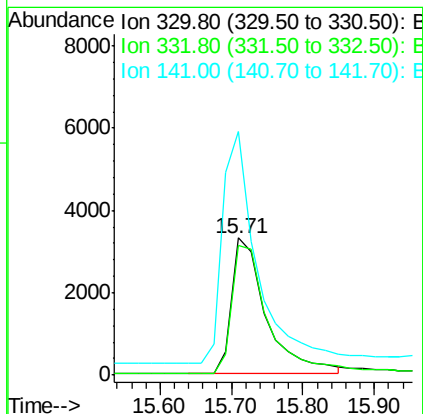
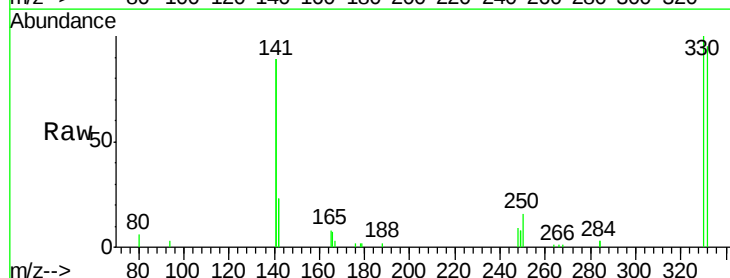
Tgt Ion:330 Resp: 10982

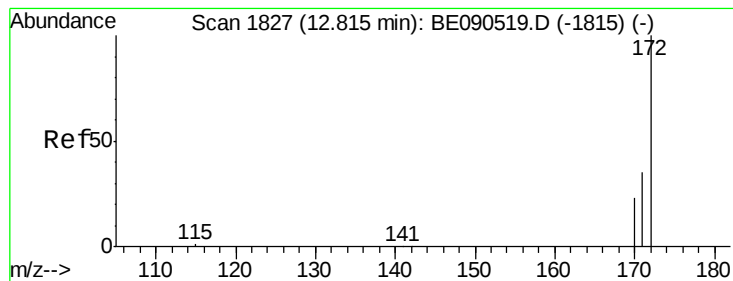
Ion Ratio Lower Upper

330 100

332 98.7 75.8 113.6

141 174.6 114.4 171.6#





#14

2-Fluorobiphenyl

Concen: 3.75 ng

RT: 12.85 min Scan# 1834

Delta R.T. 0.03 min

Lab File: BE090603.D

Acq: 24 Aug 2015 16:21

Instrument :

BNA_E

ClientSampleId :

IDOC-W-BL

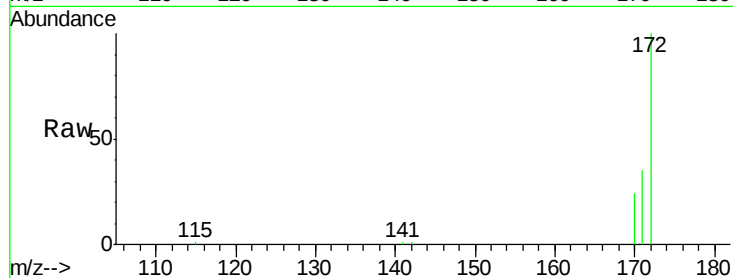
Tgt Ion:172 Resp: 38147

Ion Ratio Lower Upper

172 100

171 34.5 28.5 42.7

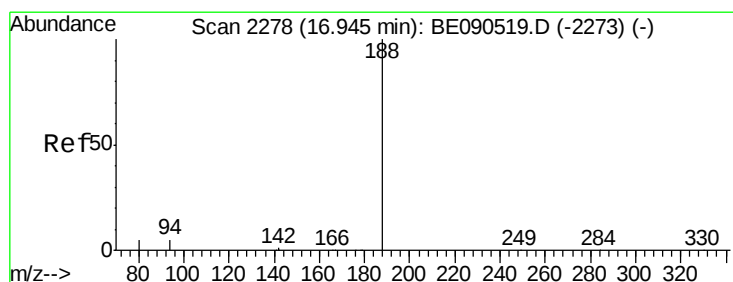
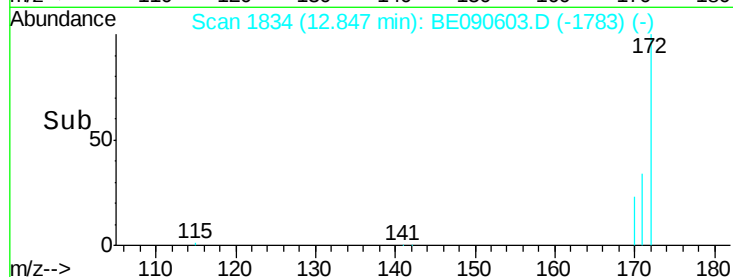
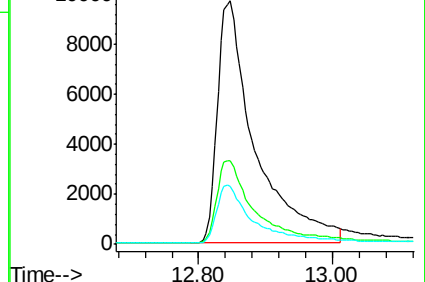
170 23.6 19.8 29.8



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: BE090603.D

Acq: 24 Aug 2015 16:21

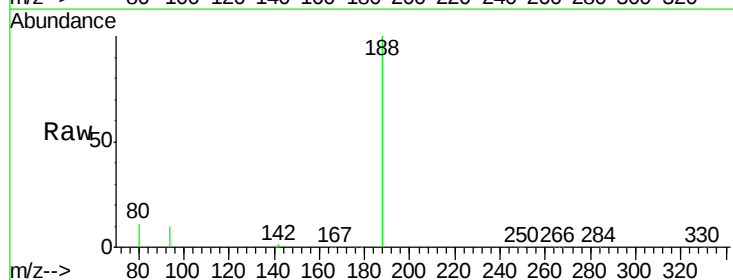
Tgt Ion:188 Resp: 91184

Ion Ratio Lower Upper

188 100

94 10.0 5.7 8.5#

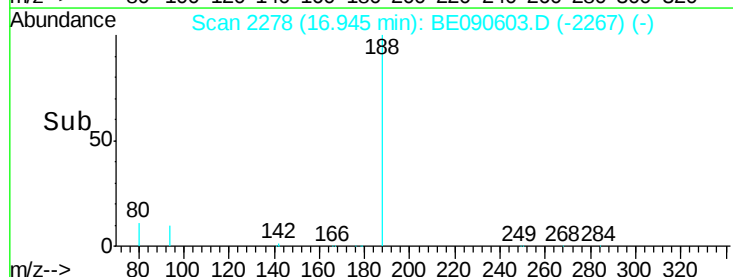
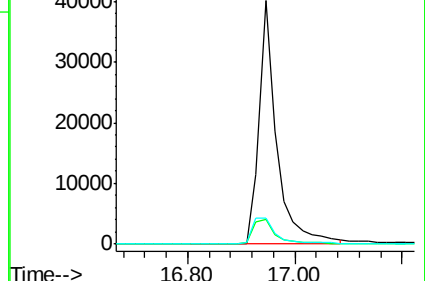
80 10.9 5.8 8.8#

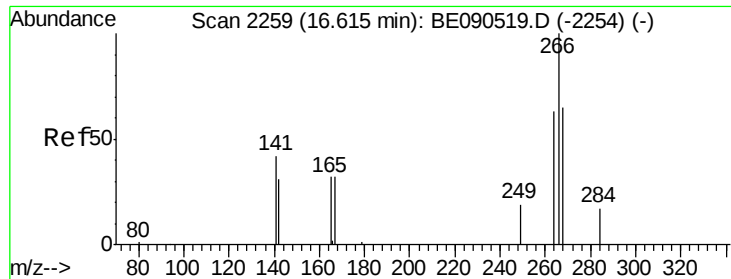


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

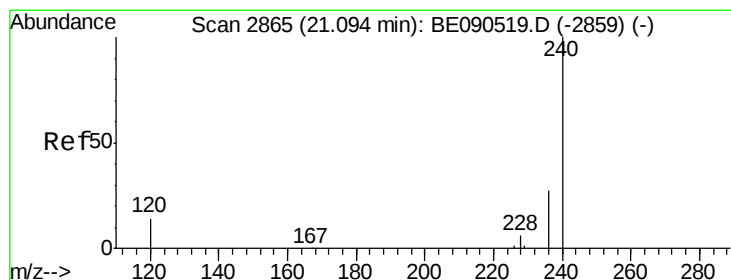
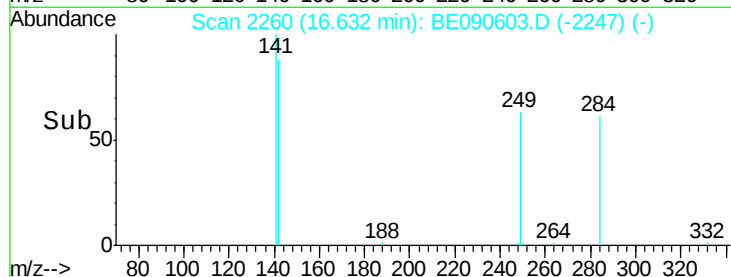
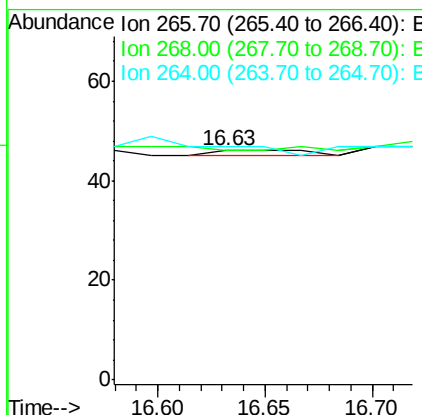
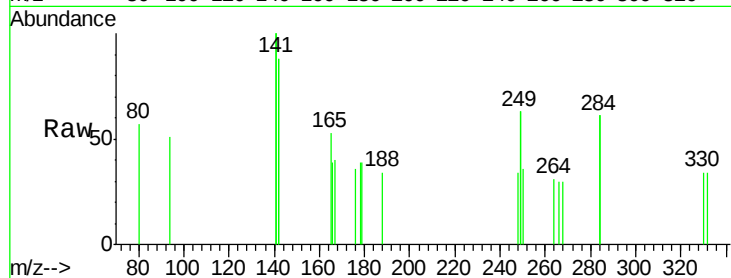




#21
 Pentachlorophenol
 Concen: 0.30 ng
 RT: 16.63 min Scan# 2260
 Delta R.T. 0.02 min
 Lab File: BE090603.D
 Acq: 24 Aug 2015 16:21

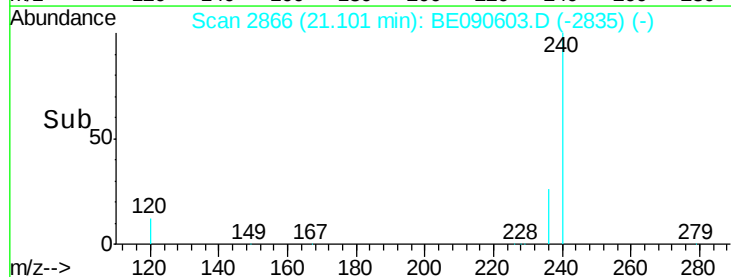
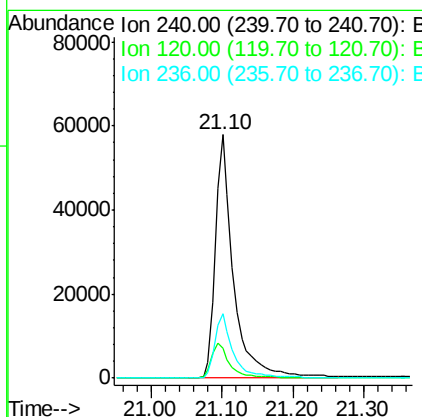
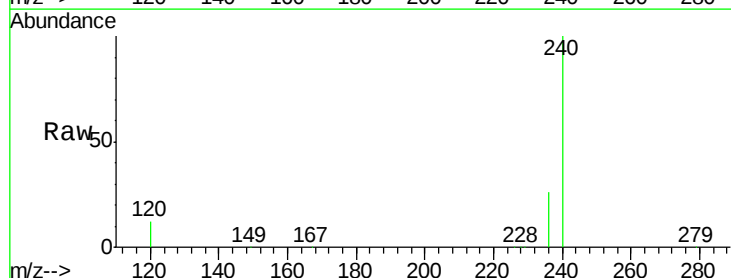
Instrument :
 BNA_E
 ClientSampleId :
 IDOC-W-BL

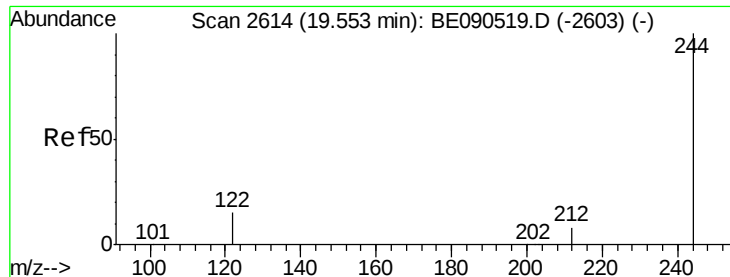
Tgt Ion:266 Resp: 3
 Ion Ratio Lower Upper
 266 100
 268 100.0 58.5 87.7#
 264 102.2 56.0 84.0#



#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.10 min Scan# 2866
 Delta R.T. 0.01 min
 Lab File: BE090603.D
 Acq: 24 Aug 2015 16:21

Tgt Ion:240 Resp: 103679
 Ion Ratio Lower Upper
 240 100
 120 12.2 8.3 12.5
 236 26.4 21.0 31.4





#27

Terphenyl-d14

Concen: 3.90 ng

RT: 19.56 min Scan# 2615

Delta R.T. 0.01 min

Lab File: BE090603.D

Acq: 24 Aug 2015 16:21

Instrument :

BNA_E

ClientSampled :

IDOC-W-BL

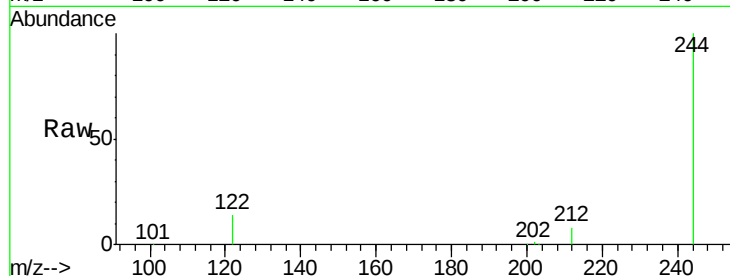
Tgt Ion:244 Resp: 74042

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

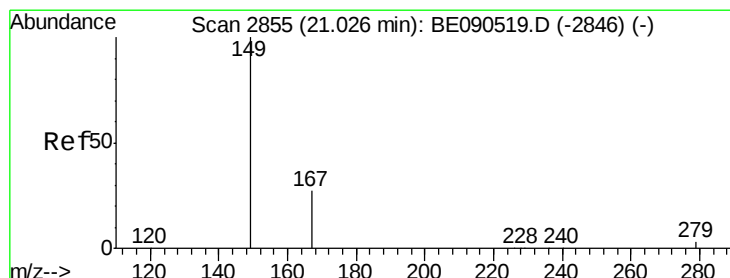
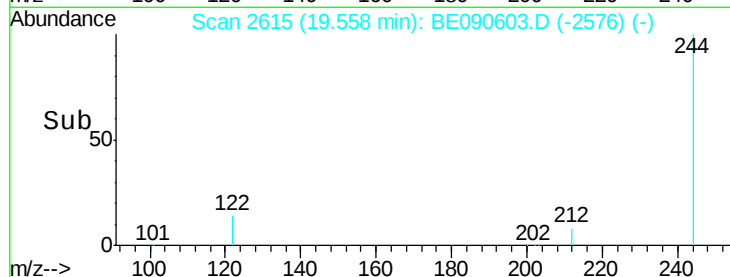
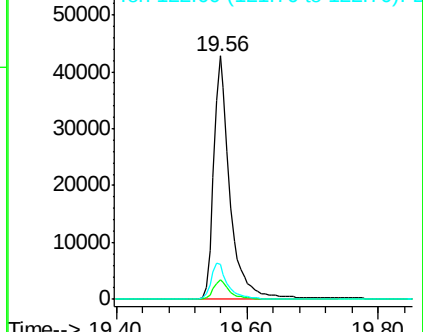
122 14.1 10.2 15.4



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: 0.15 ng

RT: 21.03 min Scan# 2855

Delta R.T. 0.00 min

Lab File: BE090603.D

Acq: 24 Aug 2015 16:21

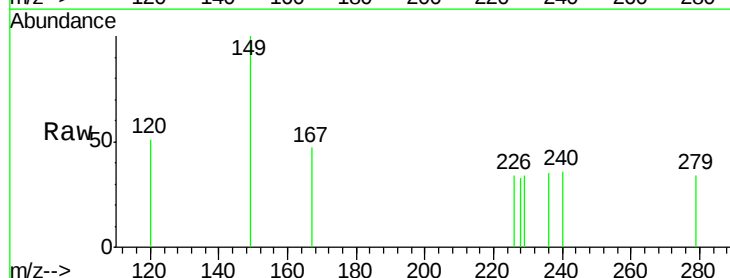
Tgt Ion:149 Resp: 103

Ion Ratio Lower Upper

149 100

167 22.3 19.8 29.8

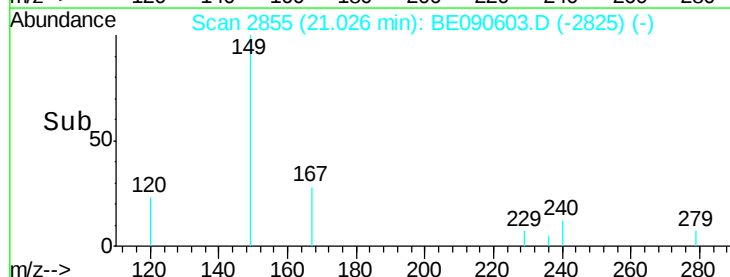
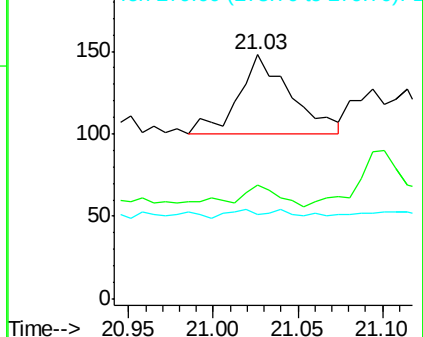
279 5.8 2.4 3.6#

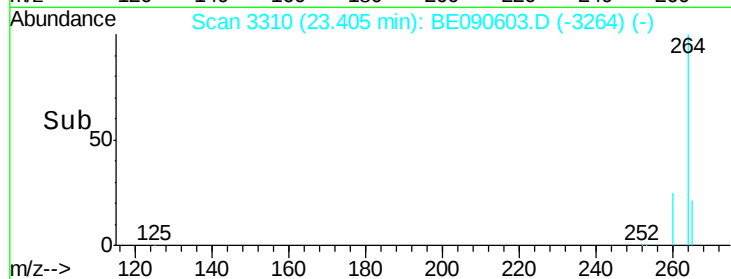
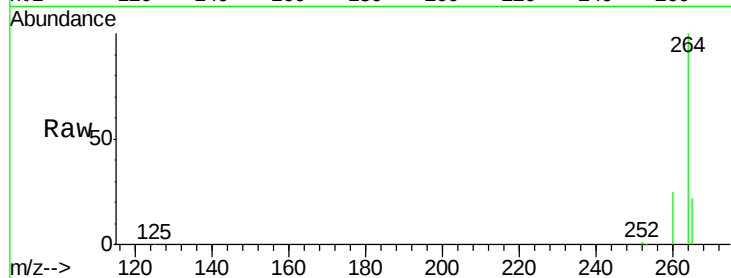
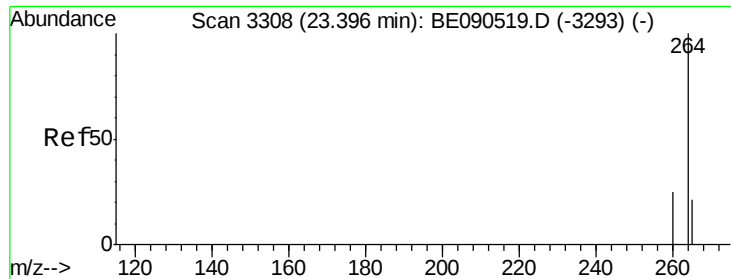


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.41 min Scan# 3310

Delta R.T. 0.01 min

Lab File: BE090603.D

Acq: 24 Aug 2015 16:21

Instrument :

BNA_E

ClientSampleId :

IDOC-W-BL

Tgt Ion: 264 Resp: 89605

Ion Ratio Lower Upper

264 100

260 25.1 20.1 30.1

265 21.7 17.2 25.8

