

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051017\
 Data File : BE092982.D
 Acq On : 10 May 2017 15:11
 Operator : SJ/MA
 Sample : PB98586BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB98586BL

Quant Time: May 11 05:09:59 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 10 03:43:15 2017
 Response via : Initial Calibration

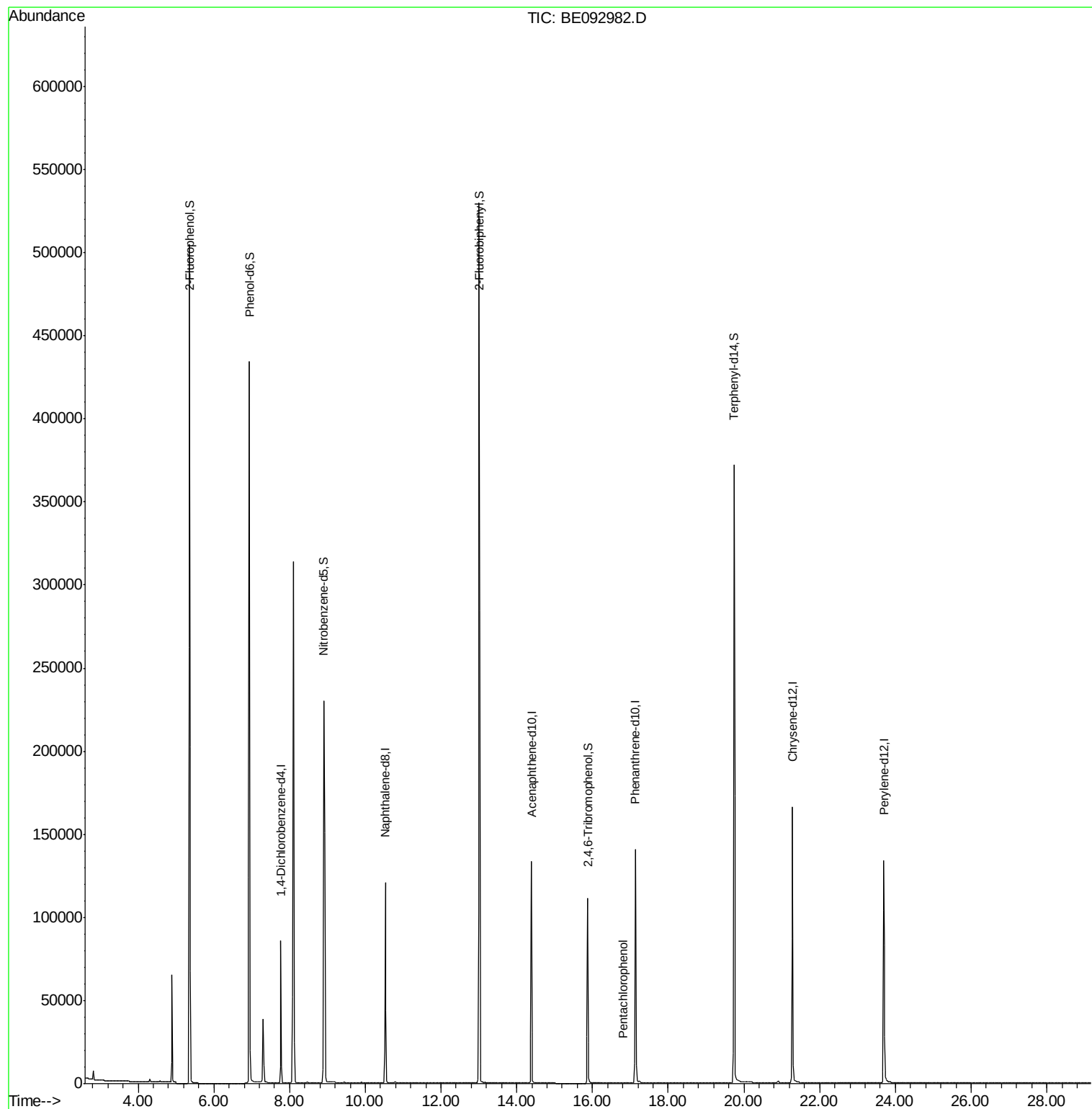
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	41913	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	163239	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	76428	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	180147	0.40	ng	0.00
26) Chrysene-d12	21.28	240	199618	0.40	ng	0.00
33) Perylene-d12	23.70	264	195115	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	341594	2.90	ng	0.00
5) Phenol-d6	6.94	99	490940	3.33	ng	0.00
8) Nitrobenzene-d5	8.90	82	267904	2.10	ng	0.00
11) 2-Methylnaphthalene-d10	0.00	152	0	0.00	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	70563	3.54	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	505042	1.76	ng	0.00
24) Fluoranthene-d10	0.00	212	0	0.00	ng	0.00
28) Terphenyl-d14	19.74	244	509340	1.66	ng	0.00
Target Compounds						
21) Pentachlorophenol	16.81	266	25	0.14	ng	# 86
31) Bis(2-ethylhexyl)phthalate	21.20	149	26	Below Cal		# 54

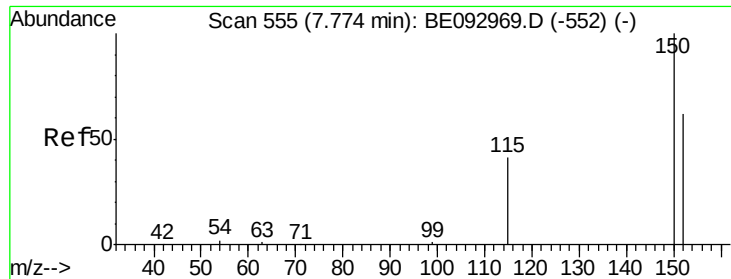
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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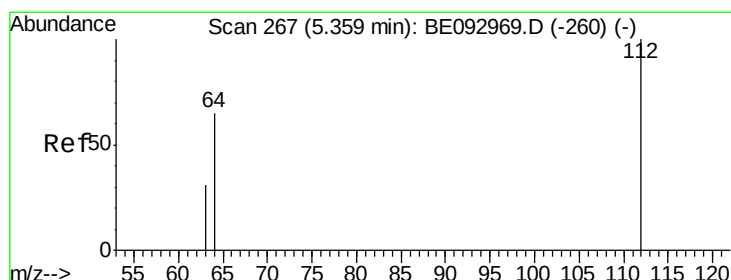
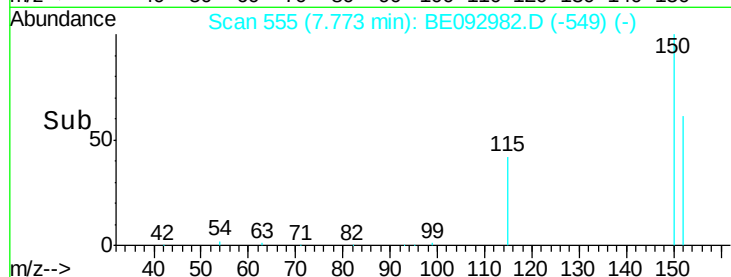
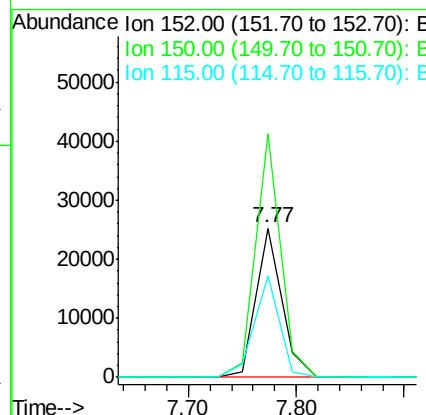
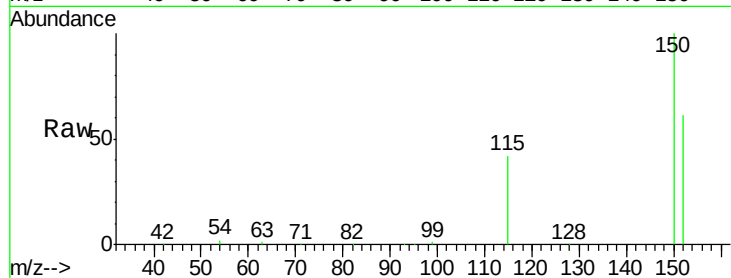




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.77 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BE092982.D
 Acq: 10 May 2017 15:11

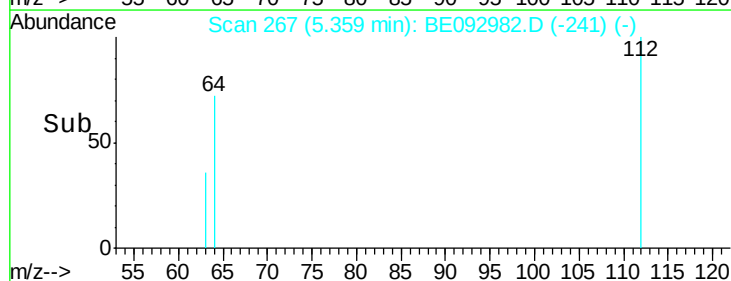
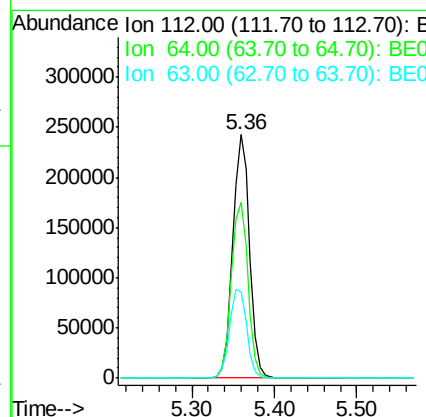
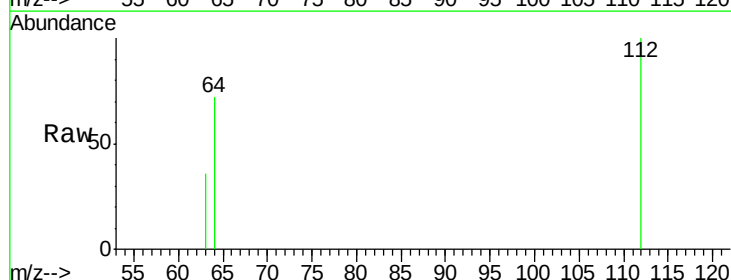
Instrument :
 BNA_G
 ClientSampleId :
 PB98586BL

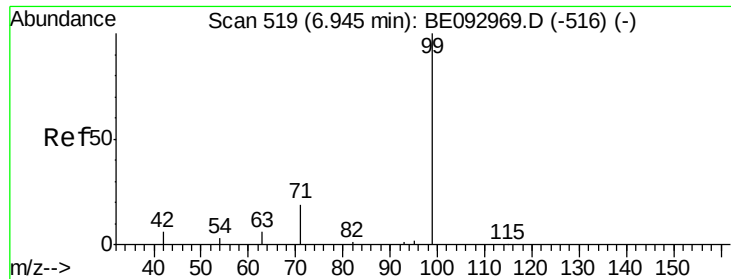
Tgt Ion:152 Resp: 41913
 Ion Ratio Lower Upper
 152 100
 150 162.9 125.1 187.7
 115 67.9 55.7 83.5



#4
 2-Fluorophenol
 Concen: 2.90 ng
 RT: 5.36 min Scan# 267
 Delta R.T. 0.00 min
 Lab File: BE092982.D
 Acq: 10 May 2017 15:11

Tgt Ion:112 Resp: 341594
 Ion Ratio Lower Upper
 112 100
 64 72.6 56.4 84.6
 63 37.3 29.3 43.9





#5

Phenol-d6

Concen: 3.33 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092982.D

Acq: 10 May 2017 15:11

Instrument :

BNA_G

ClientSampleId :

PB98586BL

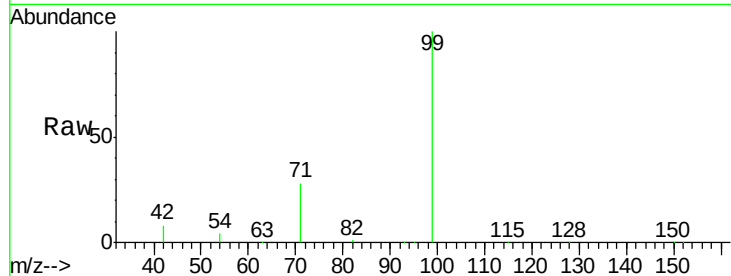
Tgt Ion: 99 Resp: 490940

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

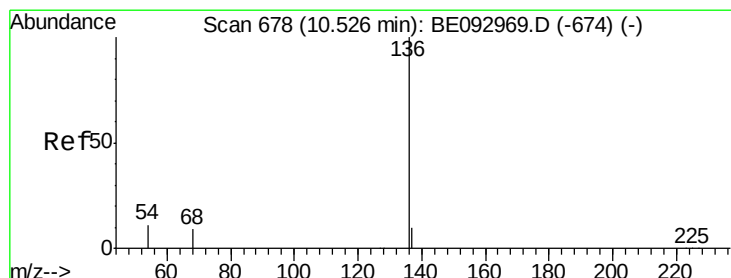
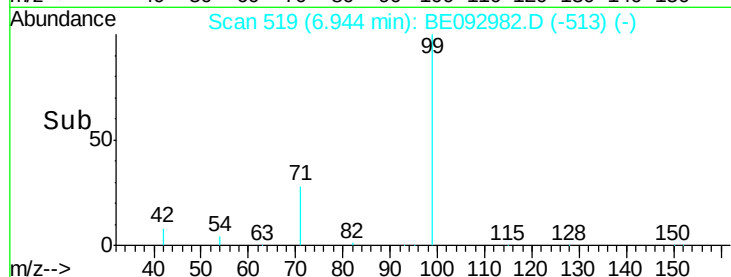
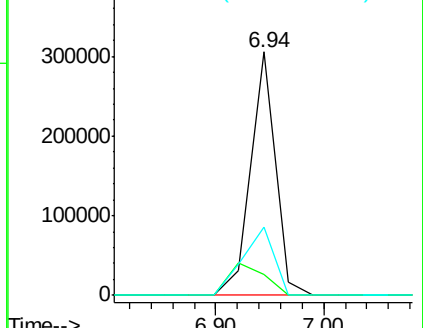
71 35.3 0.0 0.0#



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



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE092982.D

Acq: 10 May 2017 15:11

Tgt Ion: 136 Resp: 163239

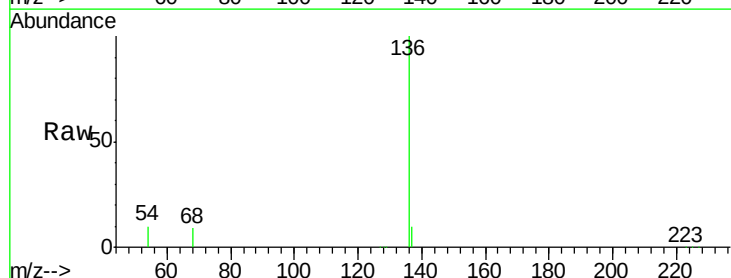
Ion Ratio Lower Upper

136 100

137 10.4 9.8 14.8

54 10.3 10.3 15.5

68 9.0 9.0 13.4

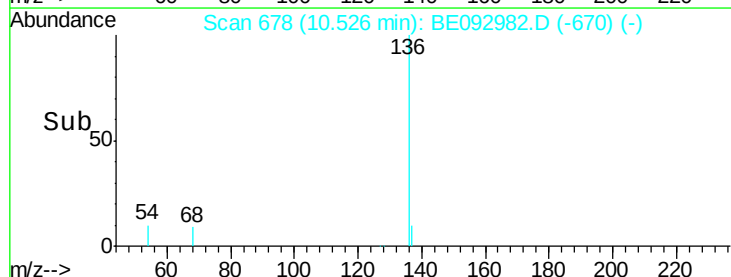
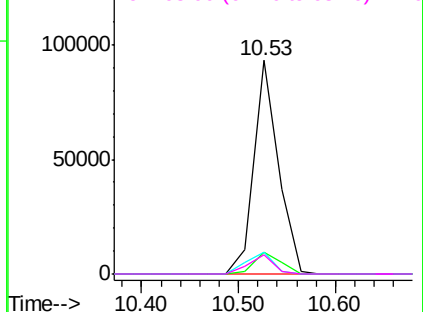


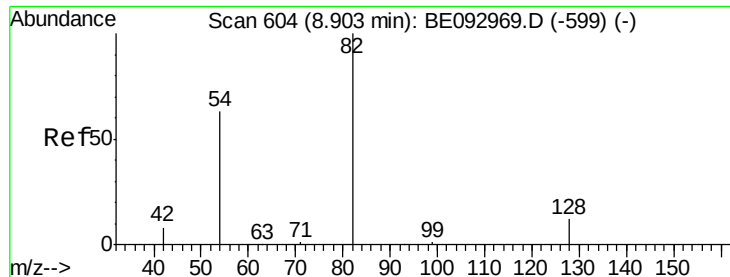
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 2.10 ng

RT: 8.90 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE092982.D

Acq: 10 May 2017 15:11

Instrument :

BNA_G

ClientSampleId :

PB98586BL

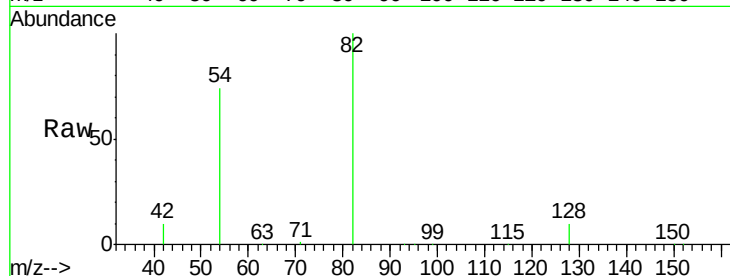
Tgt Ion: 82 Resp: 267904

Ion Ratio Lower Upper

82 100

128 9.9 17.0 25.4#

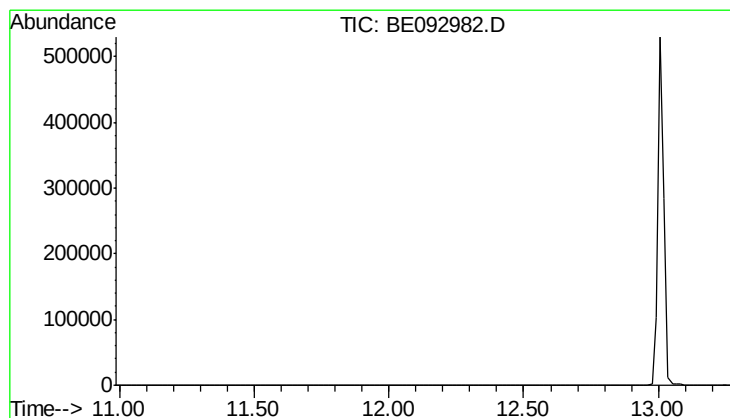
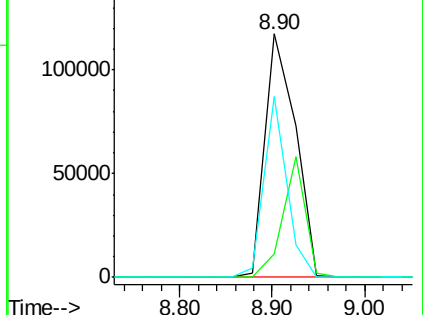
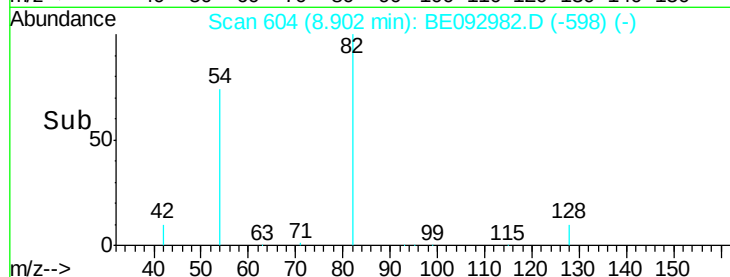
54 74.2 53.8 80.6



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



#11

2-Methylnaphthalene-d10

Concen: 0.00 ng

Expected RT: 12.13 min

Lab File: BE092982.D

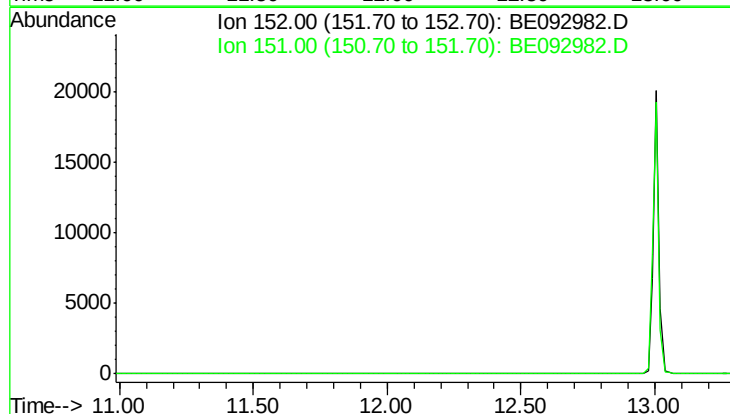
Acq: 10 May 2017 15:11

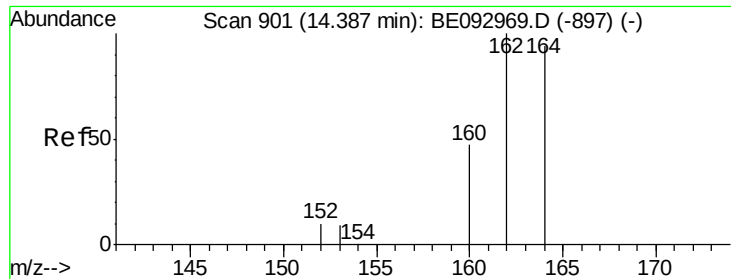
Tgt Ion: 152

Sig Exp Ratio

152 100

151 18.9





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BE092982.D

Acq: 10 May 2017 15:11

Instrument :

BNA_G

ClientSampleId :

PB98586BL

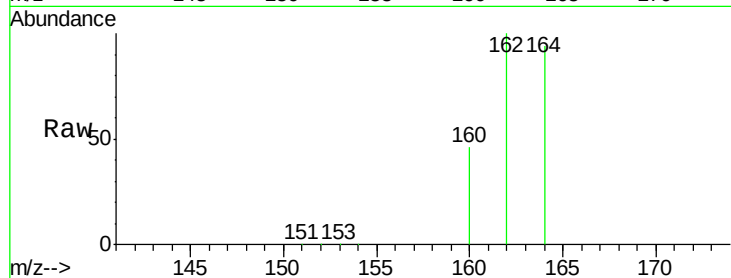
Tgt Ion:164 Resp: 76428

Ion Ratio Lower Upper

164 100

162 105.9 84.6 127.0

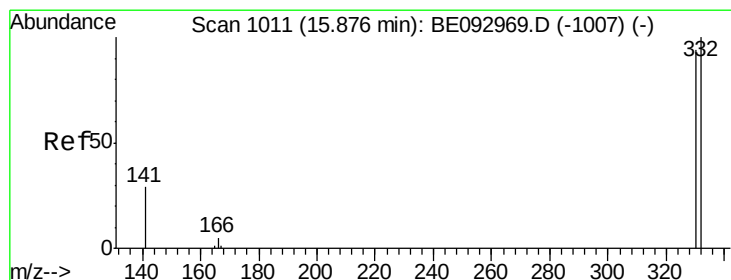
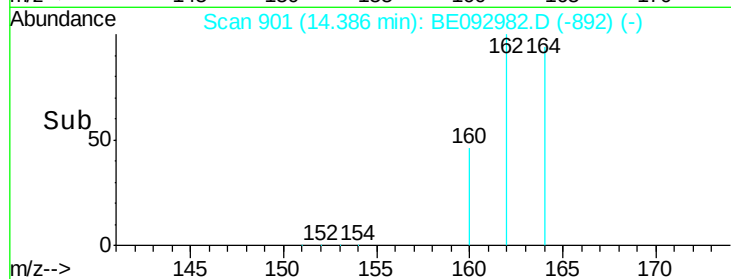
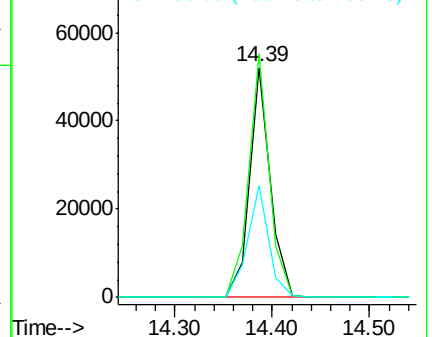
160 48.8 41.8 62.6



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



#14

2,4,6-Tribromophenol

Concen: 3.54 ng

RT: 15.88 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BE092982.D

Acq: 10 May 2017 15:11

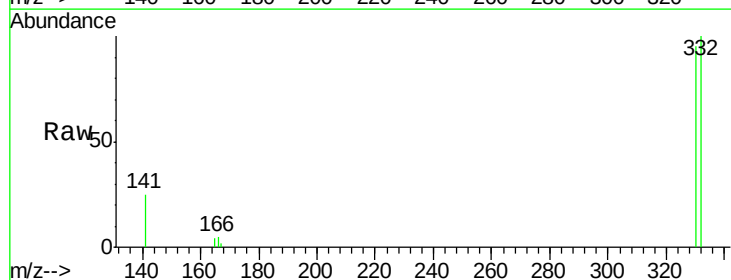
Tgt Ion:330 Resp: 70563

Ion Ratio Lower Upper

330 100

332 96.4 77.7 116.5

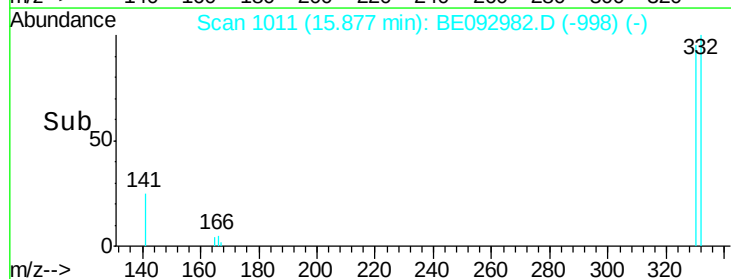
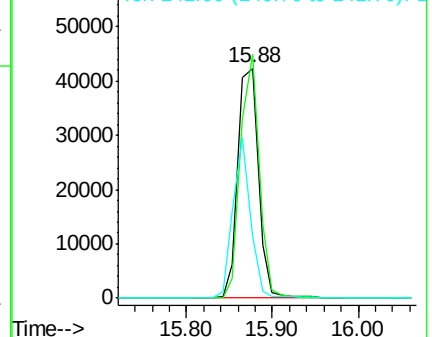
141 59.3 56.2 84.4

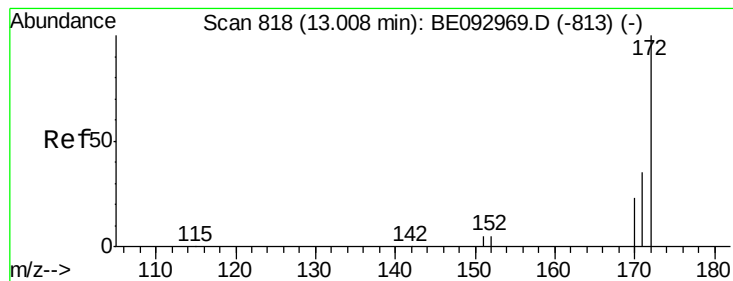


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 1.76 ng

RT: 13.01 min Scan# 818

Delta R.T. -0.00 min

Lab File: BE092982.D

Acq: 10 May 2017 15:11

Instrument :

BNA_G

ClientSampleId :

PB98586BL

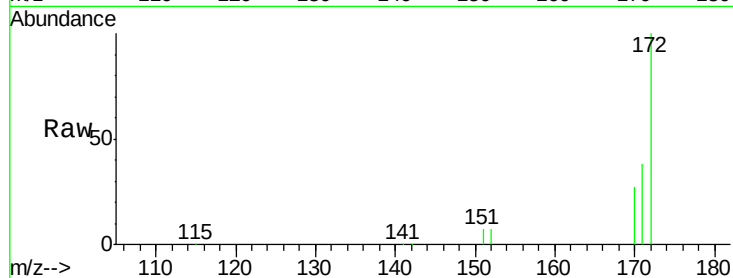
Tgt Ion:172 Resp: 505042

Ion Ratio Lower Upper

172 100

171 38.0 29.8 44.6

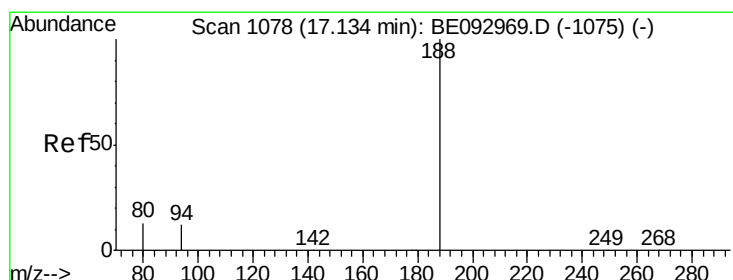
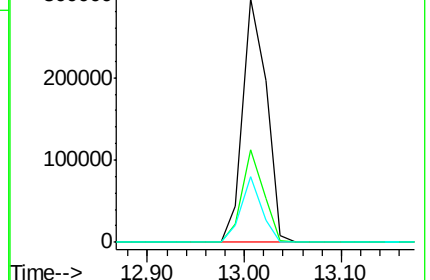
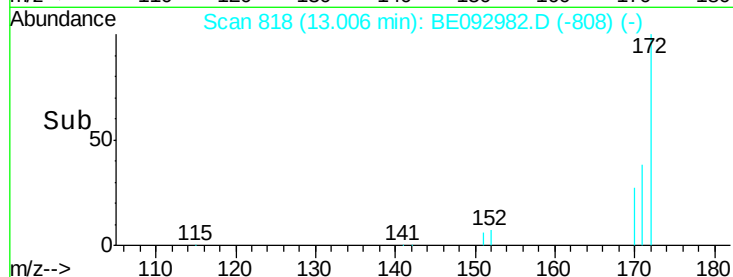
170 27.2 20.7 31.1



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



#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BE092982.D

Acq: 10 May 2017 15:11

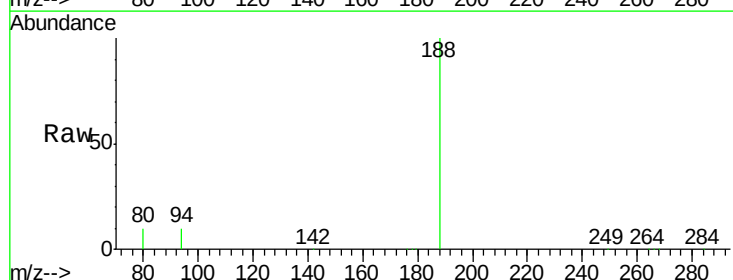
Tgt Ion:188 Resp: 180147

Ion Ratio Lower Upper

188 100

94 10.2 11.3 16.9#

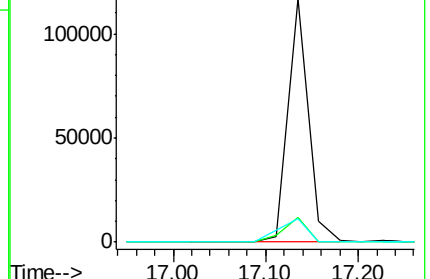
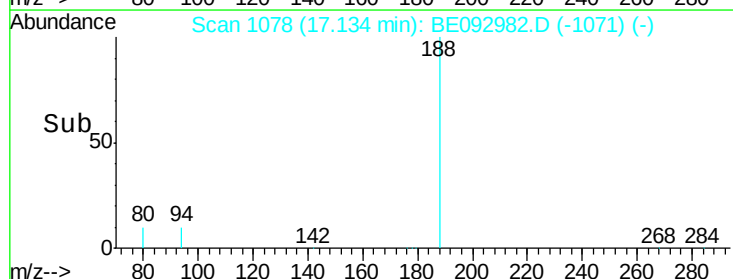
80 9.8 11.7 17.5#

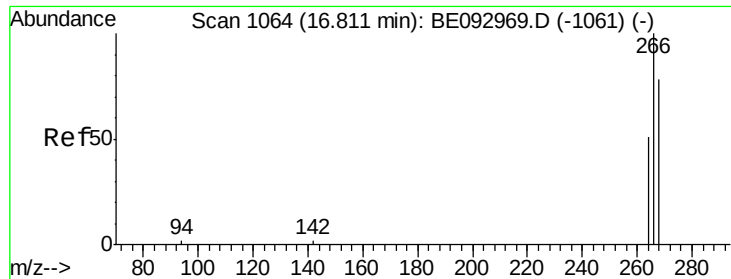


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

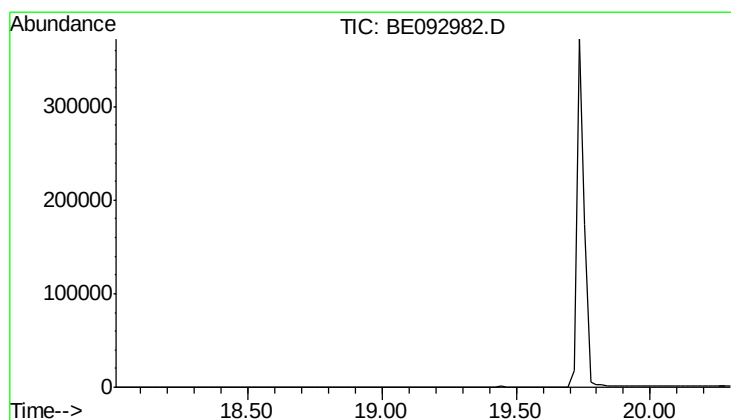
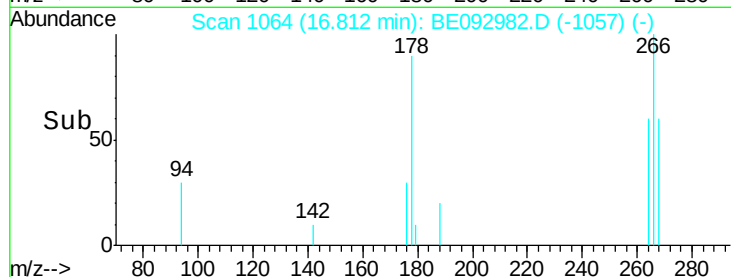
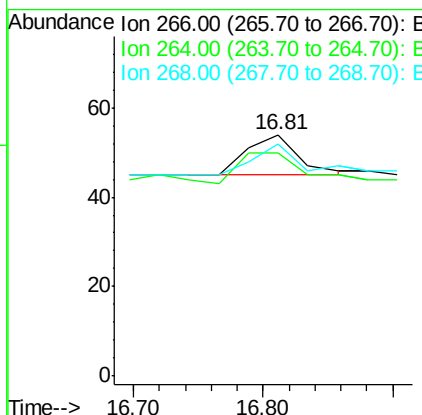
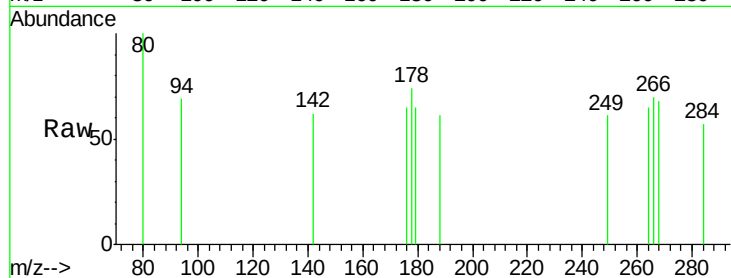




#21
 Pentachlorophenol
 Concen: 0.14 ng
 RT: 16.81 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BE092982.D
 Acq: 10 May 2017 15:11

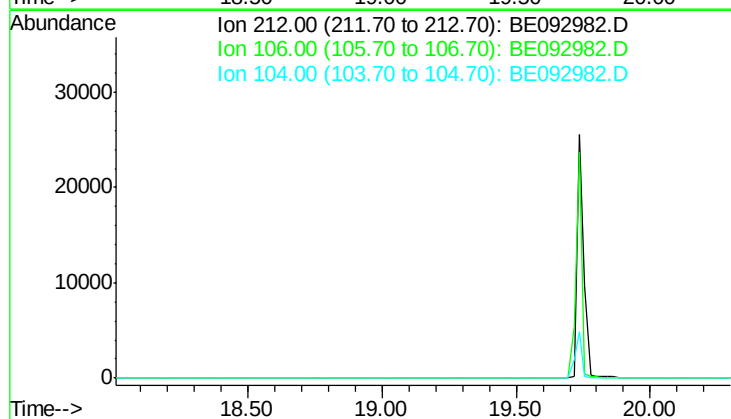
Instrument :
 BNA_G
 ClientSampleId :
 PB98586BL

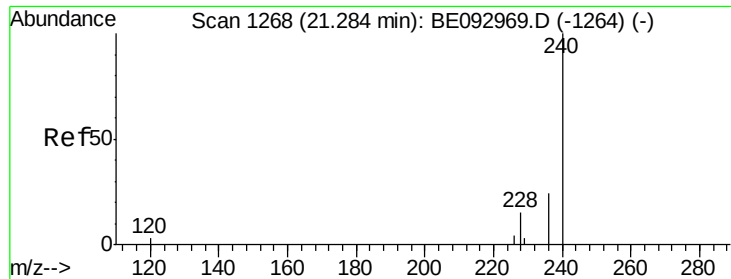
Tgt Ion: 266 Resp: 25
 Ion Ratio Lower Upper
 266 100
 264 92.6 58.2 87.2#
 268 96.3 71.9 107.9



#24
 Fluoranthene-d10
 Concen: 0.00 ng
 Expected RT: 19.15 min
 Lab File: BE092982.D
 Acq: 10 May 2017 15:11

Tgt Ion: 212
 Sig Exp Ratio
 212 100
 106 0.0
 104 0.0

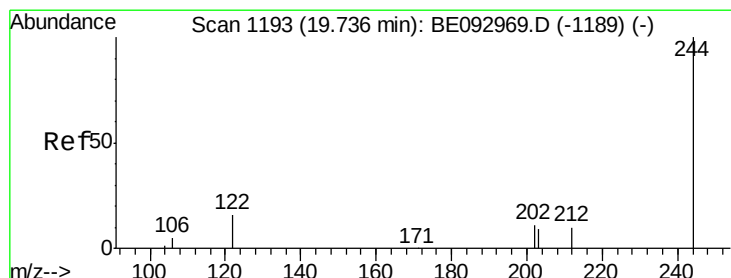
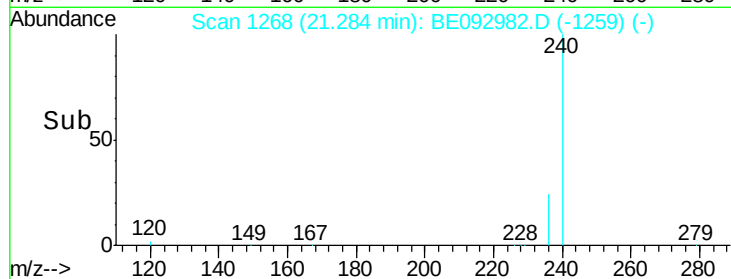
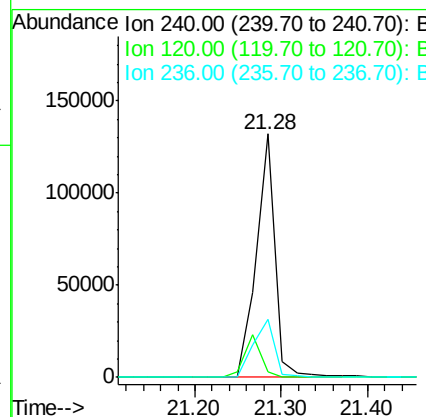
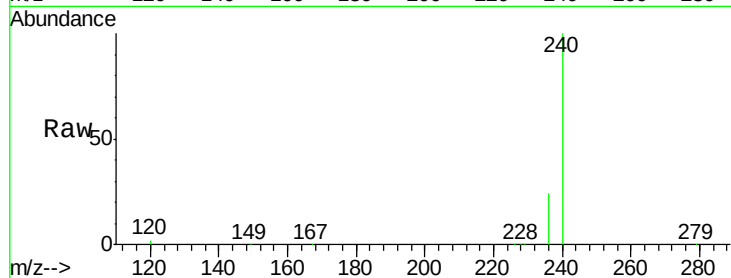




#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BE092982.D
Acq: 10 May 2017 15:11

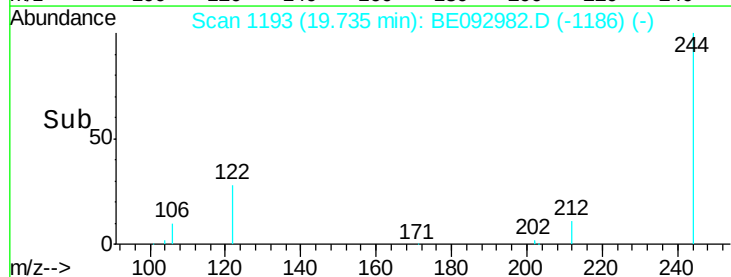
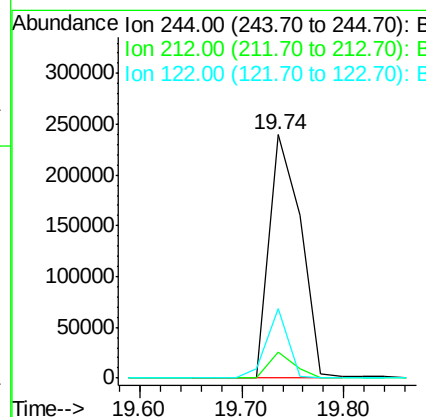
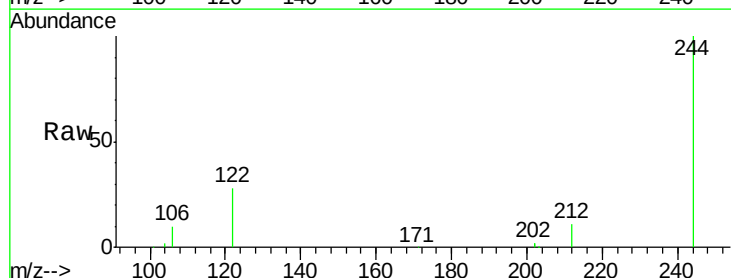
Instrument :
BNA_G
ClientSampleId :
PB98586BL

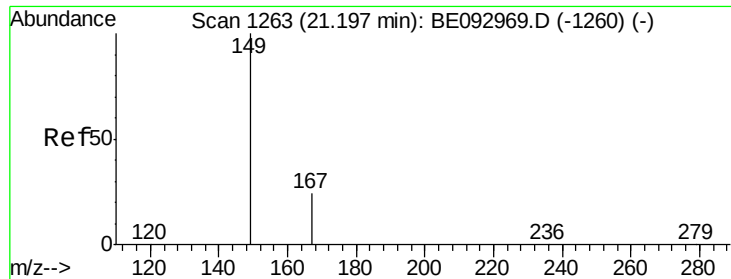
Tgt Ion:240 Resp: 199618
Ion Ratio Lower Upper
240 100
120 2.0 4.6 7.0#
236 23.6 20.8 31.2



#28
Terphenyl-d14
Concen: 1.66 ng
RT: 19.74 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BE092982.D
Acq: 10 May 2017 15:11

Tgt Ion:244 Resp: 509340
Ion Ratio Lower Upper
244 100
212 10.7 10.6 16.0
122 28.4 15.4 23.0#

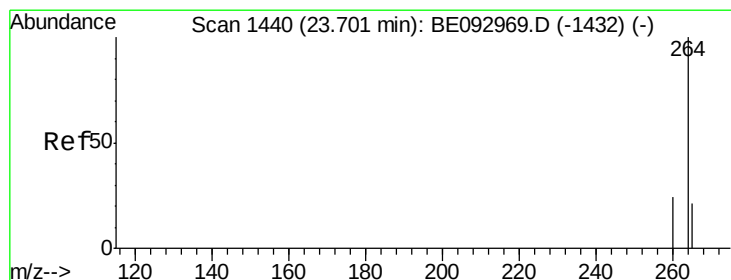
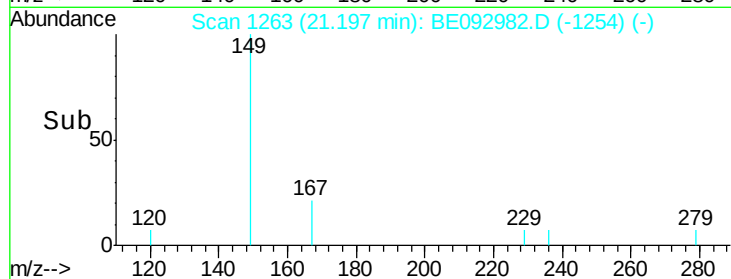
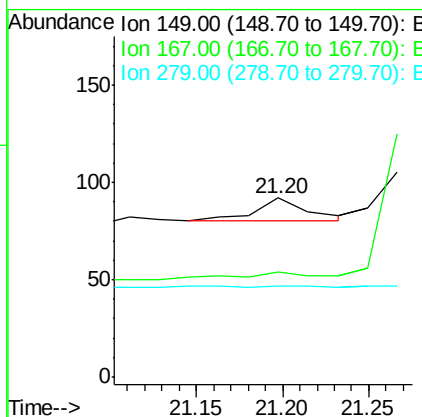
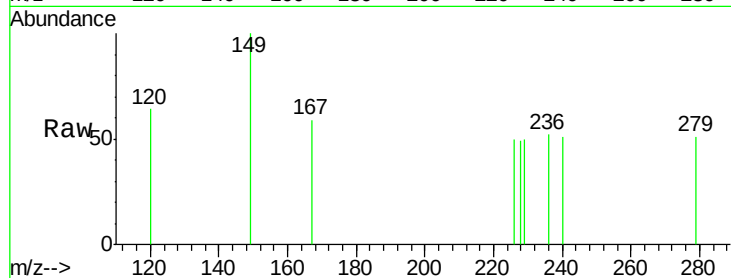




#31
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.20 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BE092982.D
 Acq: 10 May 2017 15:11

Instrument :
 BNA_G
 ClientSampleId :
 PB98586BL

Tgt Ion:149 Resp: 26
 Ion Ratio Lower Upper
 149 100
 167 0.0 20.1 30.1#
 279 7.7 2.2 3.4#



#33
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.70 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BE092982.D
 Acq: 10 May 2017 15:11

Tgt Ion:264 Resp: 195115
 Ion Ratio Lower Upper
 264 100
 260 24.9 21.0 31.4
 265 21.6 24.6 36.8#

