

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042717\
 Data File : BE092918.D
 Acq On : 27 Apr 2017 17:15
 Operator : SJ/MA
 Sample : I2837-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS033-170424

Quant Time: Apr 28 04:17:34 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 17:35:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	751	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	2944	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1209	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	2983	0.40	ng	0.00
26) Chrysene-d12	21.28	240	2897	0.40	ng	0.00
33) Perylene-d12	23.69	264	2642	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	39	0.02	ng	0.00
5) Phenol-d6	6.94	99	37	0.02	ng	0.00
8) Nitrobenzene-d5	8.90	82	254	0.13	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	652	0.15	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	11	0.06	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	1029	0.19	ng	0.00
24) Fluoranthene-d10	19.15	212	1080	0.15	ng	0.00
28) Terphenyl-d14	19.74	244	996	0.20	ng	0.00

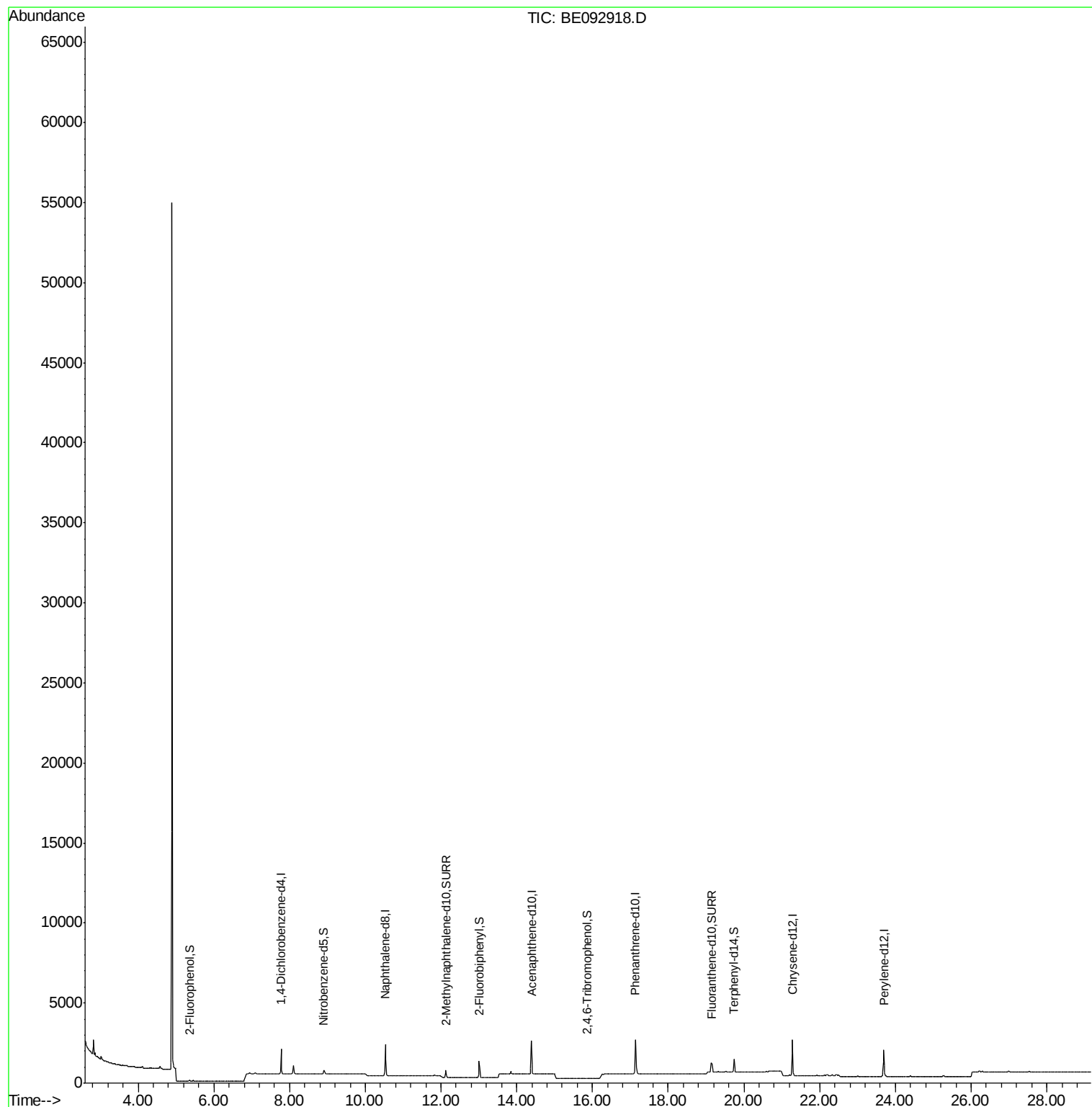
Target Compounds	Qvalue
------------------	--------

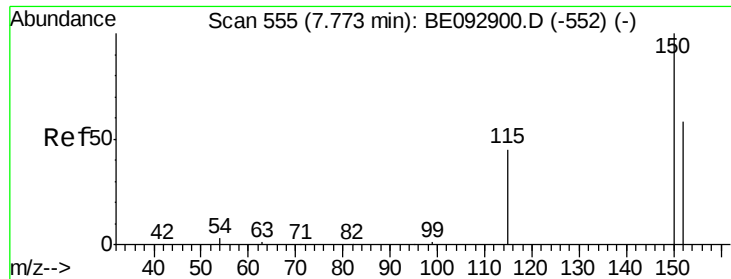
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042717\
Data File : BE092918.D
Acq On : 27 Apr 2017 17:15
Operator : SJ/MA
Sample : I2837-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY038PS033-170424

Quant Time: Apr 28 04:17:34 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 20 17:35:10 2017
Response via : Initial Calibration



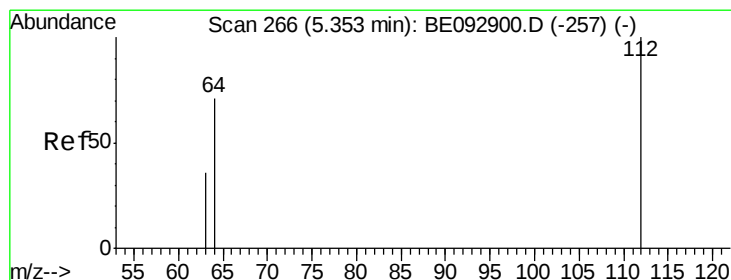
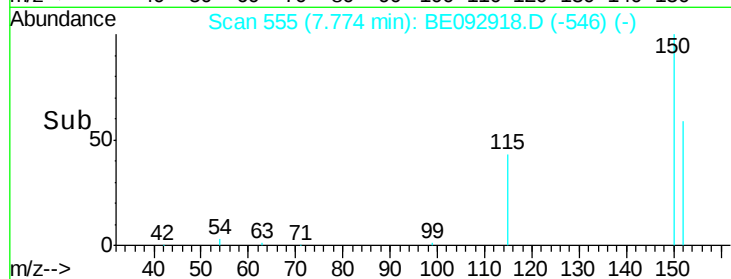
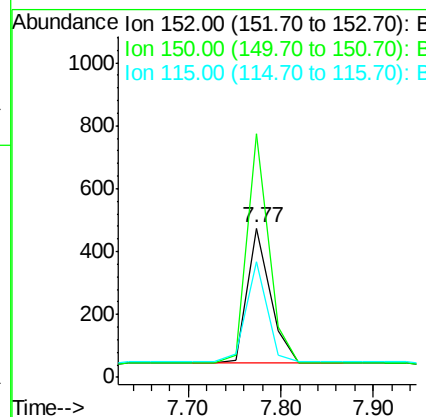
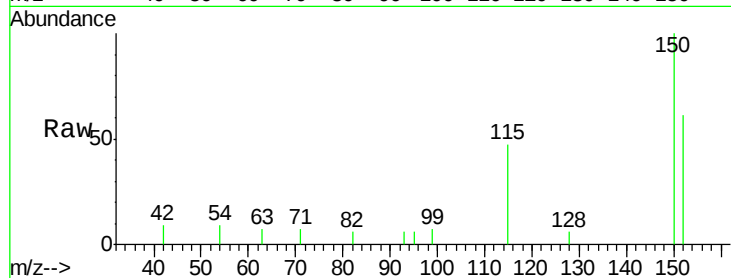


#1

1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE092918.D
Acq: 27 Apr 2017 17:15

Instrument :
BNA_E
ClientSampleId :
KY038PS033-170424

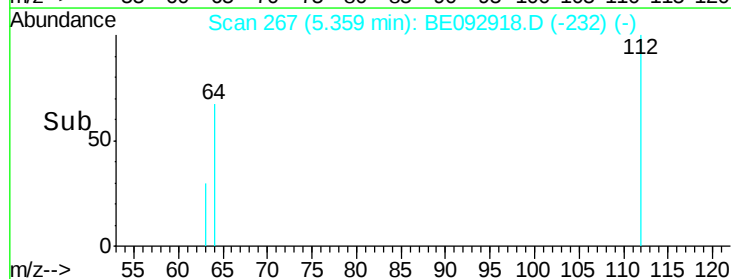
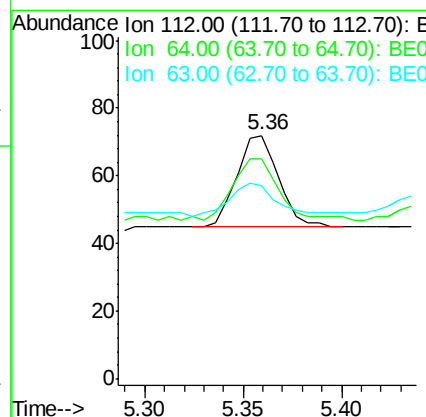
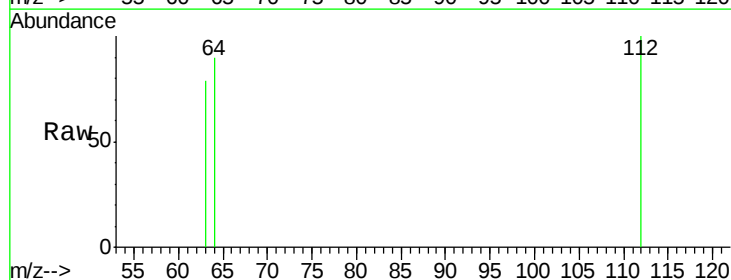
Tgt Ion:152 Resp: 751
Ion Ratio Lower Upper
152 100
150 162.9 129.9 194.9
115 77.1 62.6 93.8

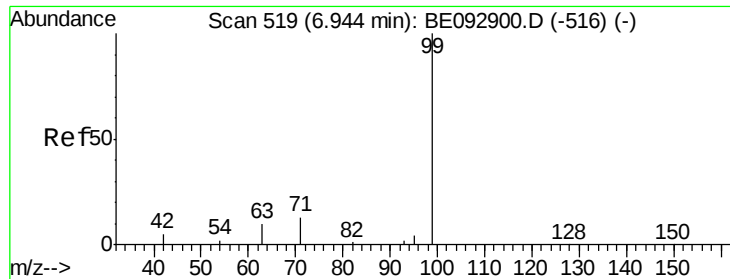


#4

2-Fluorophenol
Concen: 0.02 ng
RT: 5.36 min Scan# 267
Delta R.T. 0.01 min
Lab File: BE092918.D
Acq: 27 Apr 2017 17:15

Tgt Ion:112 Resp: 39
Ion Ratio Lower Upper
112 100
64 74.4 52.6 79.0
63 43.6 29.0 43.4#





#5

Phenol-d6

Concen: 0.02 ng

RT: 6.94 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092918.D

Acq: 27 Apr 2017 17:15

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170424

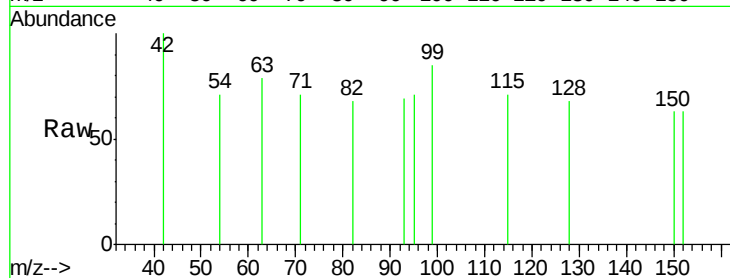
Tgt Ion: 99 Resp: 37

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

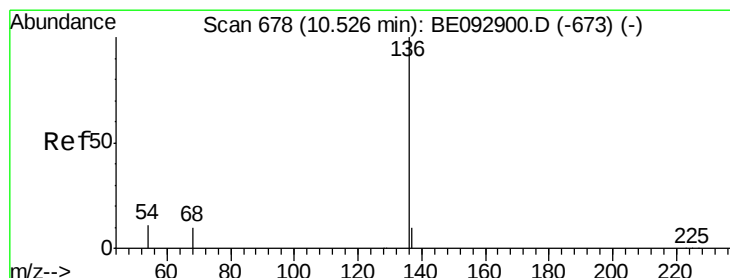
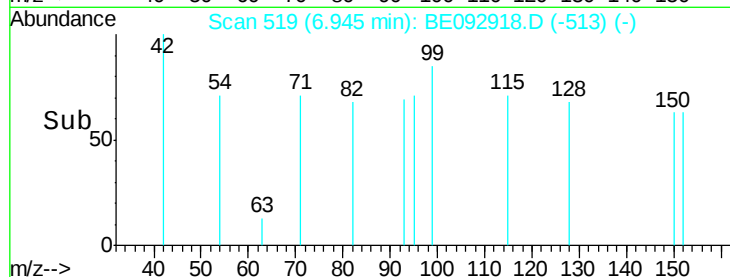
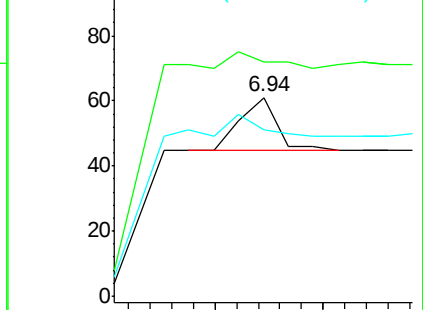
71 0.0 0.0 0.0



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: BE092918.D

Acq: 27 Apr 2017 17:15

Tgt Ion: 136 Resp: 2944

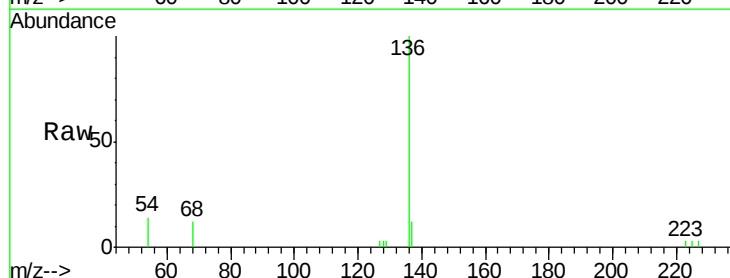
Ion Ratio Lower Upper

136 100

137 12.3 10.4 15.6

54 14.2 12.6 18.8

68 12.3 10.7 16.1

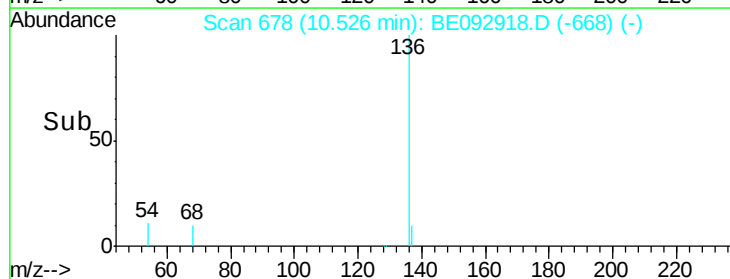
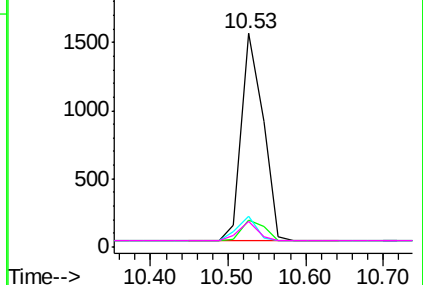


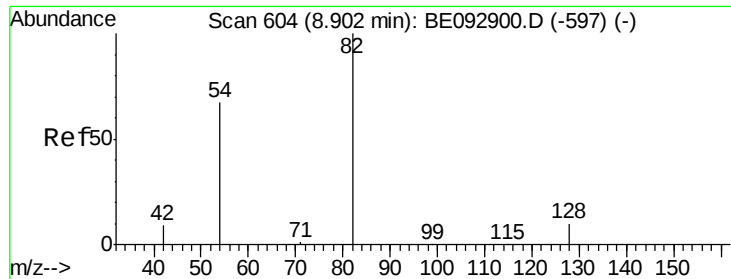
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.13 ng

RT: 8.90 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE092918.D

Acq: 27 Apr 2017 17:15

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170424

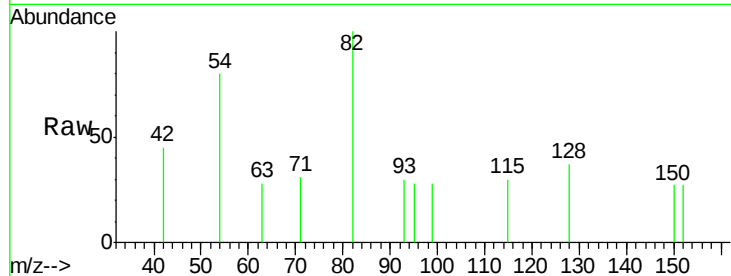
Tgt Ion: 82 Resp: 254

Ion Ratio Lower Upper

82 100

128 37.3 35.3 52.9

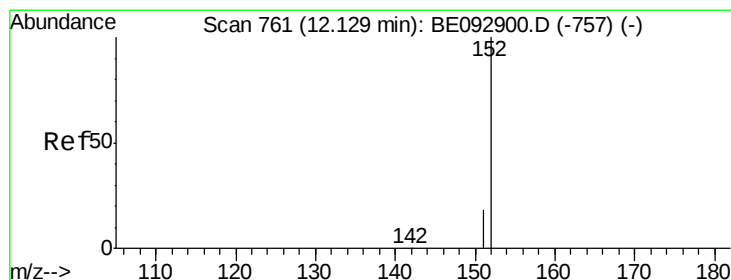
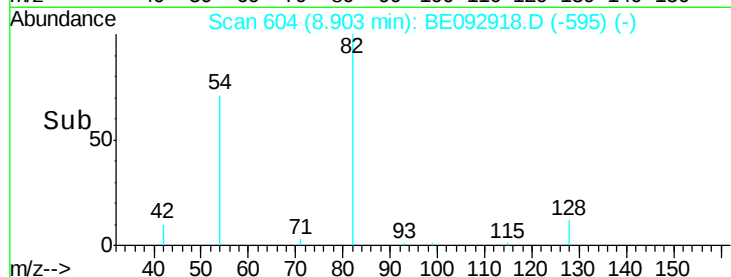
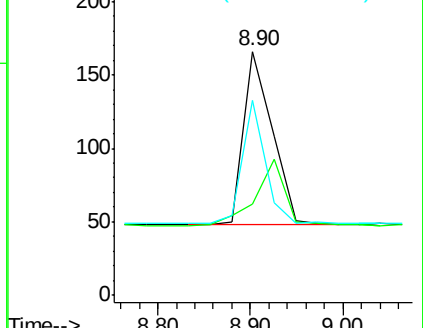
54 80.1 65.1 97.7



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: 0.15 ng

RT: 12.13 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE092918.D

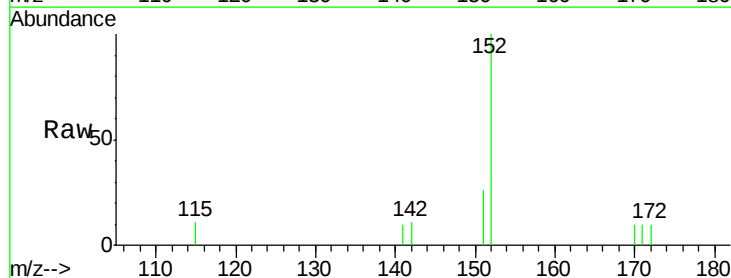
Acq: 27 Apr 2017 17:15

Tgt Ion: 152 Resp: 652

Ion Ratio Lower Upper

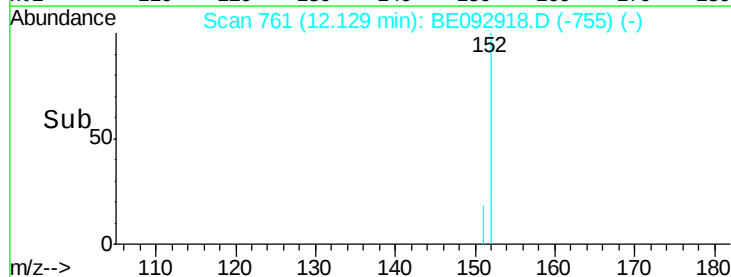
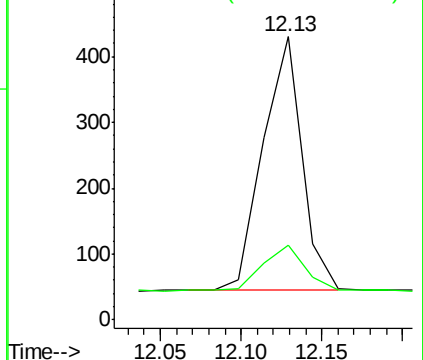
152 100

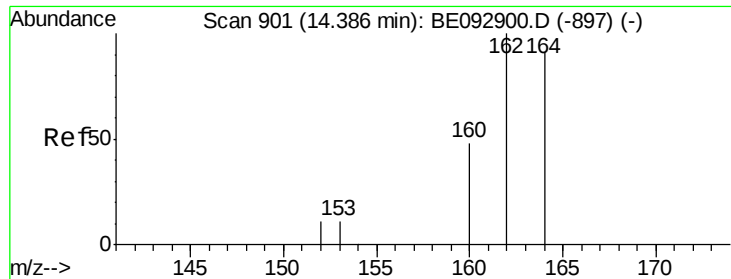
151 18.9 15.7 23.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE092918.D

Acq: 27 Apr 2017 17:15

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170424

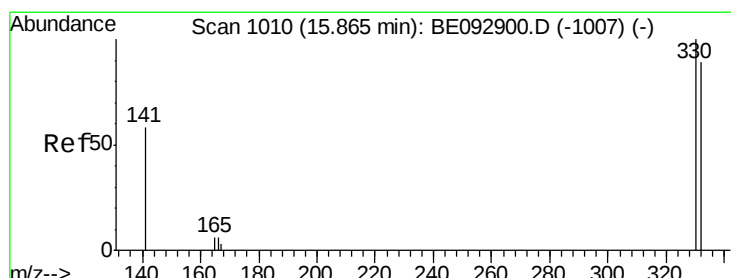
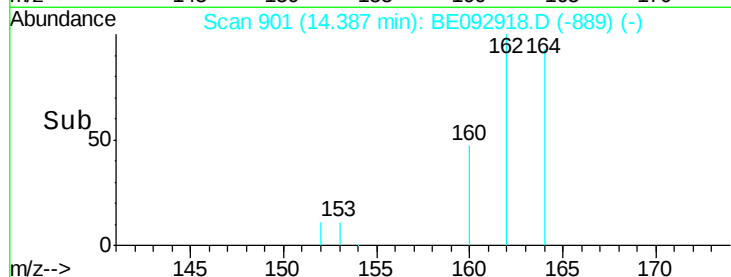
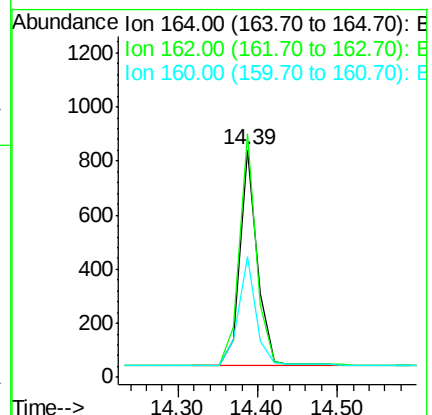
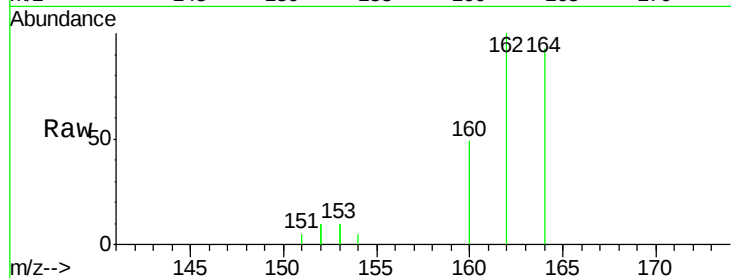
Tgt Ion:164 Resp: 1209

Ion Ratio Lower Upper

164 100

162 107.0 86.6 130.0

160 52.9 44.5 66.7



#14

2,4,6-Tribromophenol

Concen: 0.06 ng

RT: 15.87 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BE092918.D

Acq: 27 Apr 2017 17:15

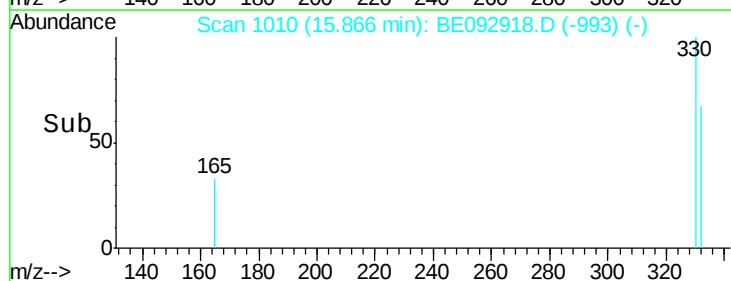
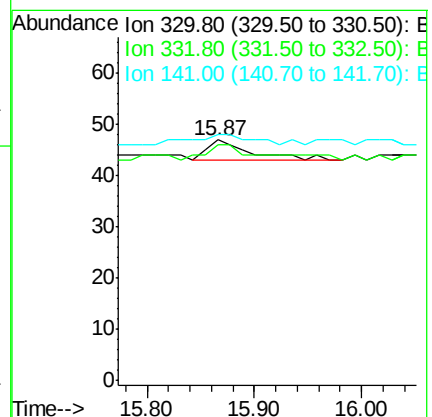
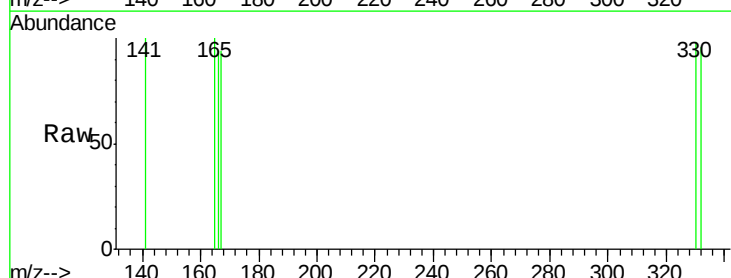
Tgt Ion:330 Resp: 11

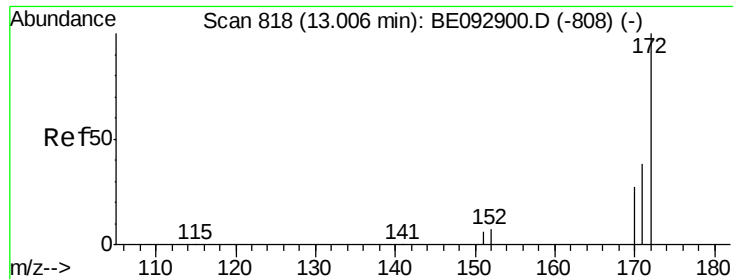
Ion Ratio Lower Upper

330 100

332 63.6 69.1 103.7#

141 72.7 54.6 81.8

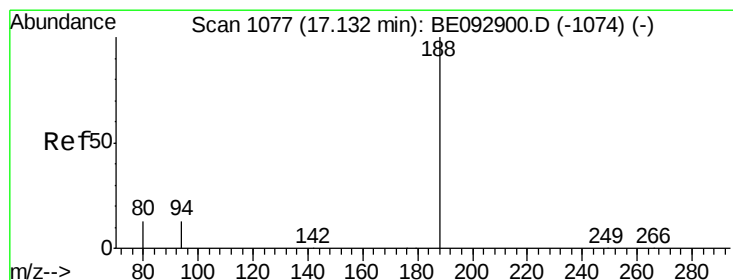
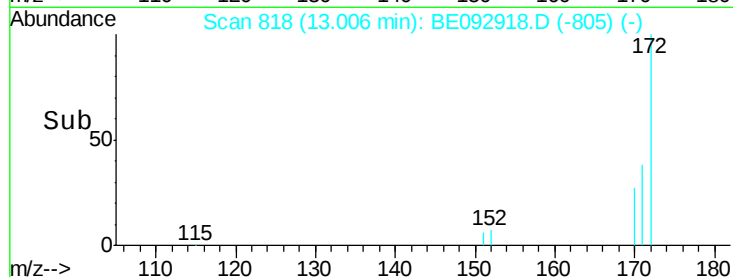
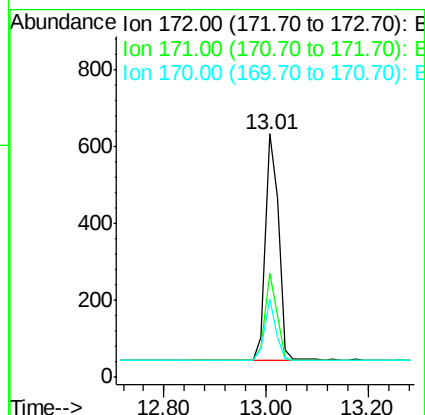
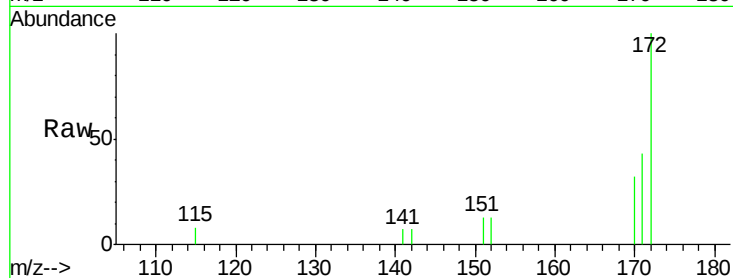




#15
2-Fluorobiphenyl
Concen: 0.19 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE092918.D
Acq: 27 Apr 2017 17:15

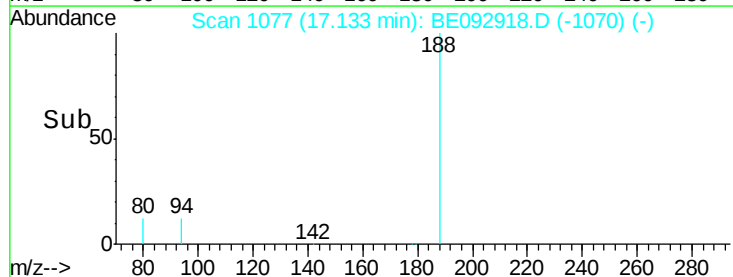
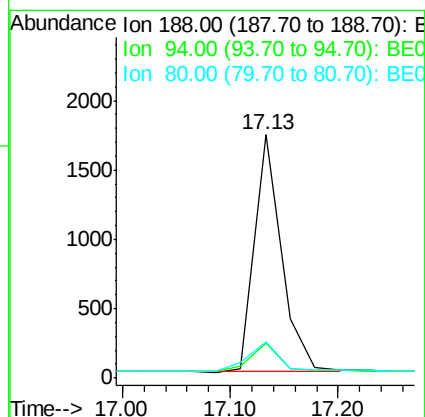
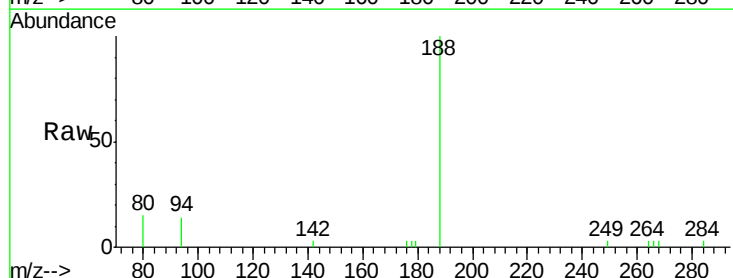
Instrument :
BNA_E
ClientSampleId :
KY038PS033-170424

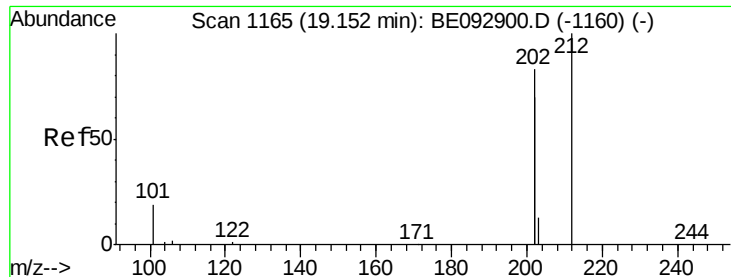
Tgt Ion:172 Resp: 1029
Ion Ratio Lower Upper
172 100
171 42.7 35.8 53.6
170 32.1 28.5 42.7



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BE092918.D
Acq: 27 Apr 2017 17:15

Tgt Ion:188 Resp: 2983
Ion Ratio Lower Upper
188 100
94 14.4 10.2 15.4
80 14.8 10.6 15.8

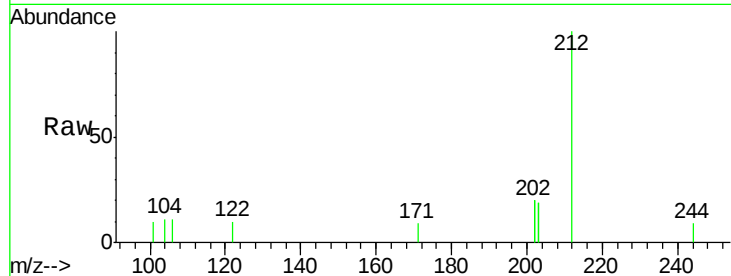




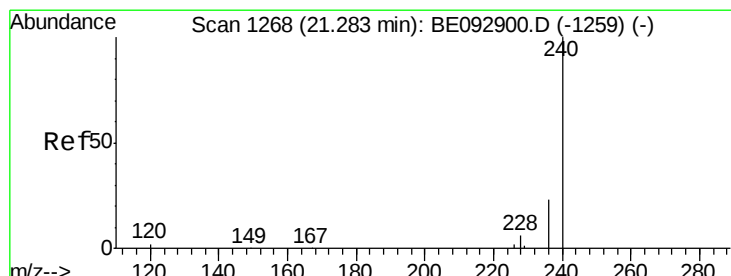
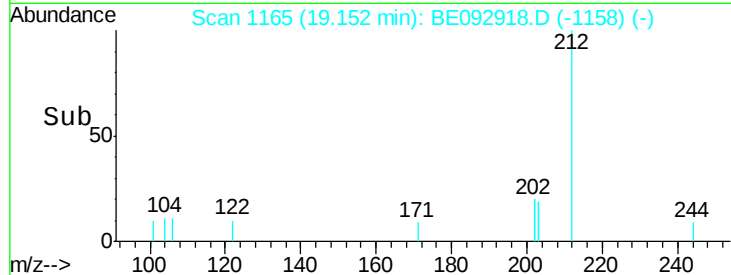
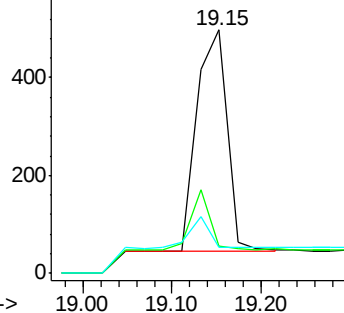
#24
Fluoranthene-d10
Concen: 0.15 ng
RT: 19.15 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BE092918.D
Acq: 27 Apr 2017 17:15

Instrument :
BNA_E
ClientSampleId :
KY038PS033-170424

Tgt Ion: 212 Resp: 1080
Ion Ratio Lower Upper
212 100
106 0.0 0.0 0.0
104 0.0 0.0 0.0

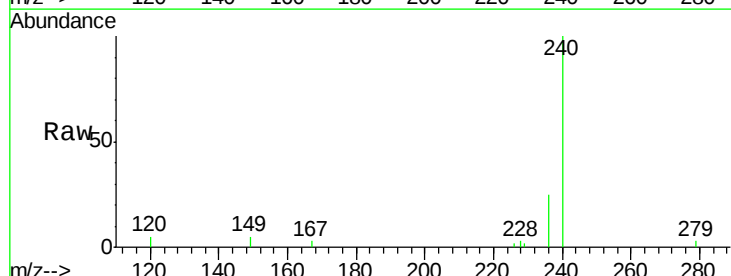


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

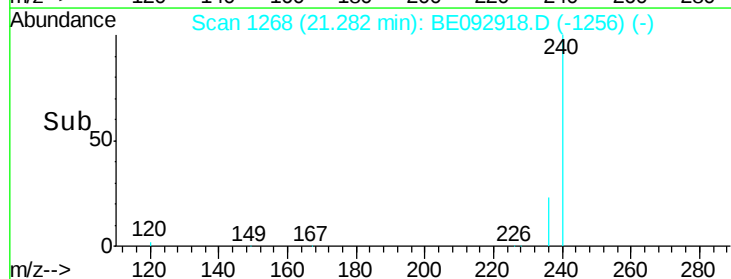
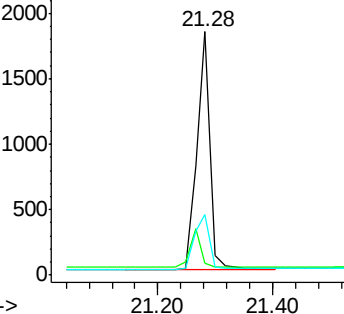


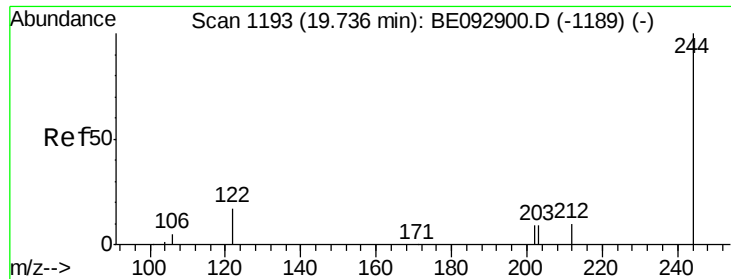
#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BE092918.D
Acq: 27 Apr 2017 17:15

Tgt Ion: 240 Resp: 2897
Ion Ratio Lower Upper
240 100
120 4.7 4.6 6.8
236 24.7 19.8 29.8



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





#28

Terphenyl-d14

Concen: 0.20 ng

RT: 19.74 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BE092918.D

Acq: 27 Apr 2017 17:15

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170424

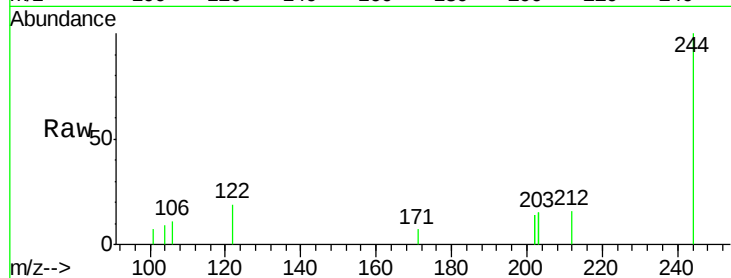
Tgt Ion:244 Resp: 996

Ion Ratio Lower Upper

244 100

212 15.7 18.4 27.6#

122 19.3 23.3 34.9#



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

19.74

800

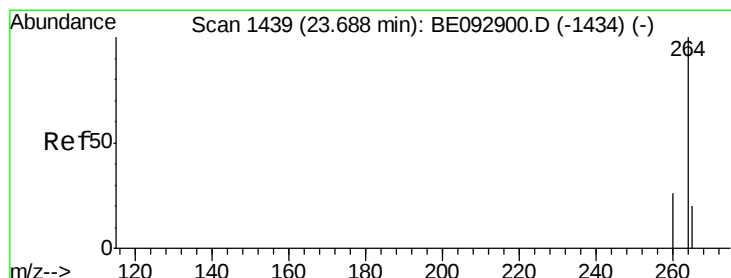
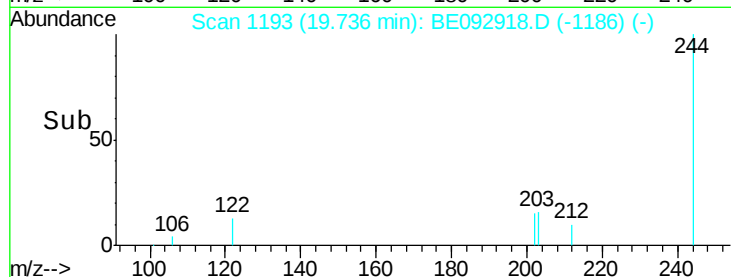
600

400

200

0

Time--> 19.60 19.70 19.80



#33

Perylene-d12

Concen: 0.40 ng

RT: 23.69 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BE092918.D

Acq: 27 Apr 2017 17:15

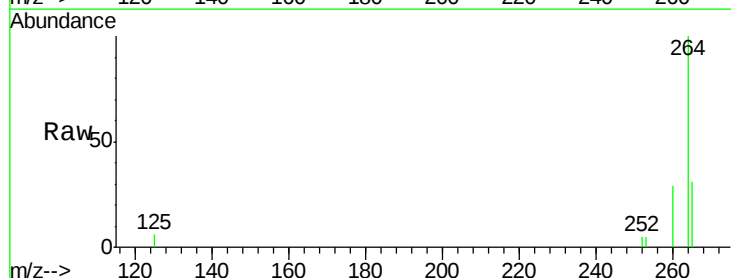
Tgt Ion:264 Resp: 2642

Ion Ratio Lower Upper

264 100

260 28.8 23.5 35.3

265 30.5 27.2 40.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

23.69

1500

1000

500

0

Time--> 23.60 23.80

