

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051017\
 Data File : BE092977.D
 Acq On : 10 May 2017 11:48
 Operator : SJ/MA
 Sample : PB98656BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB98656BL

Quant Time: May 10 13:04:33 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	956	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	3454	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1381	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	2652	0.40	ng	0.00
26) Chrysene-d12	21.28	240	3346	0.40	ng	0.00
33) Perylene-d12	23.70	264	3218	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	763	0.28	ng	0.00
5) Phenol-d6	6.94	99	851	0.25	ng	0.00
8) Nitrobenzene-d5	8.90	82	636	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1138	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	73	0.20	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	1417	0.27	ng	0.00
24) Fluoranthene-d10	19.15	212	2219	0.32	ng	0.00
28) Terphenyl-d14	19.75	244	1329	0.26	ng	0.02

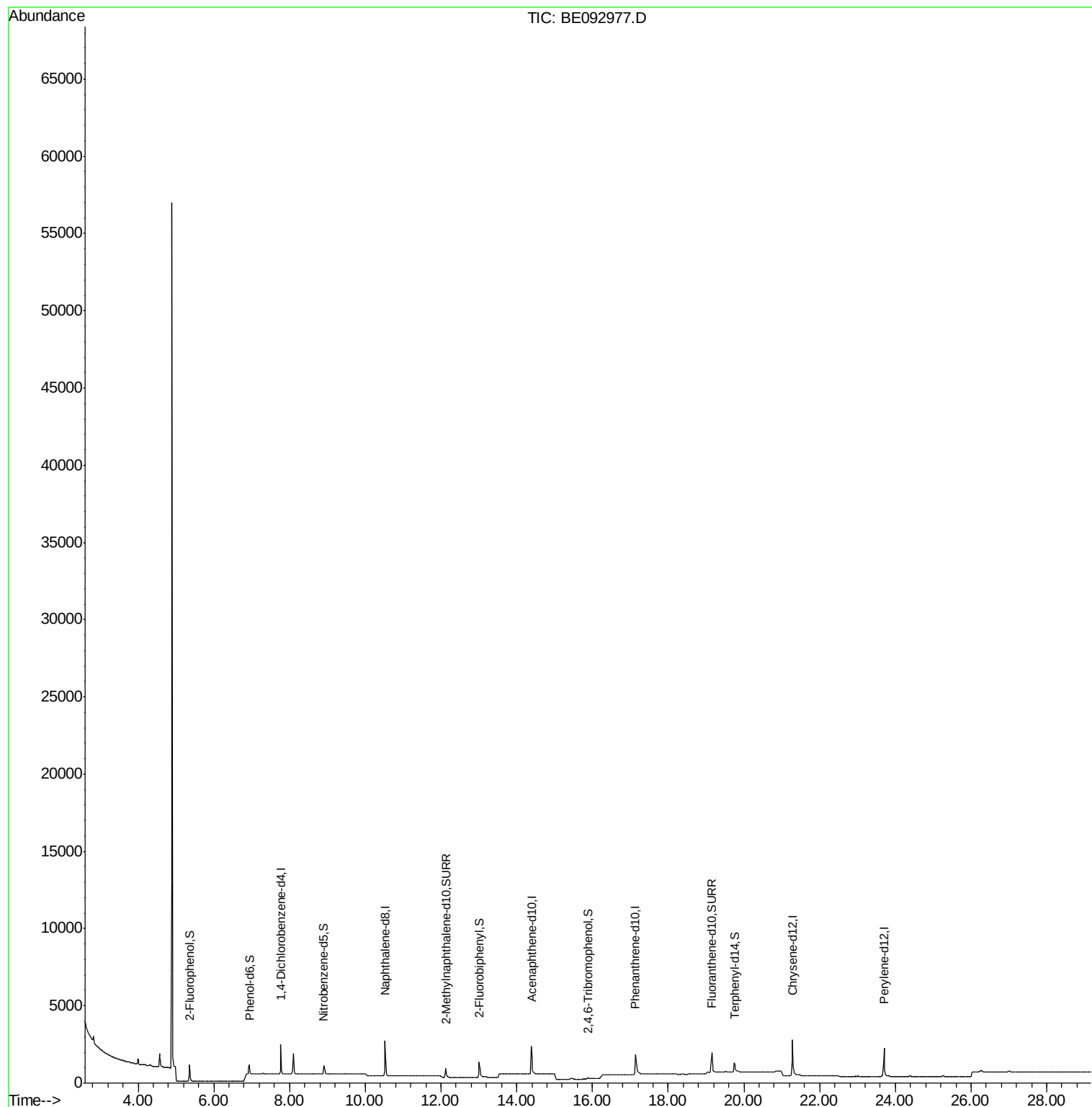
Target Compounds	Qvalue
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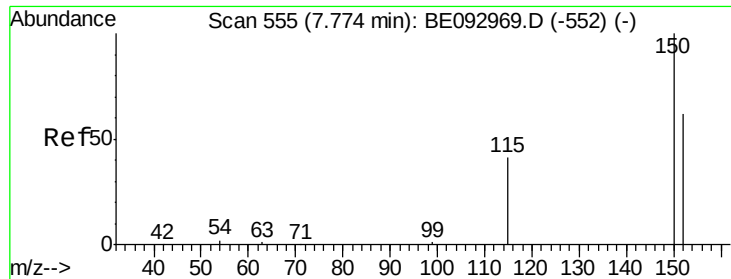
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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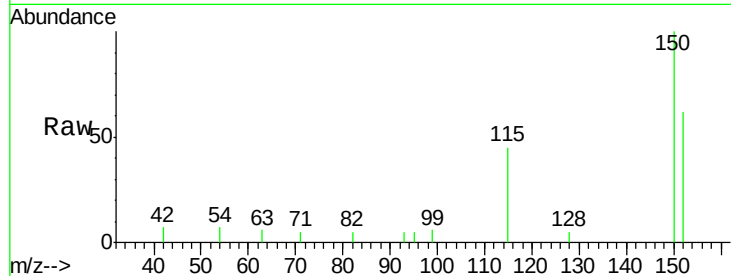


#1

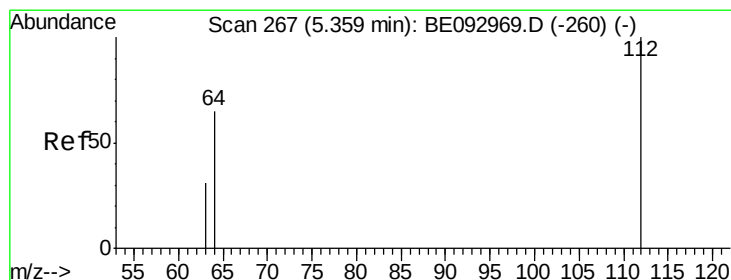
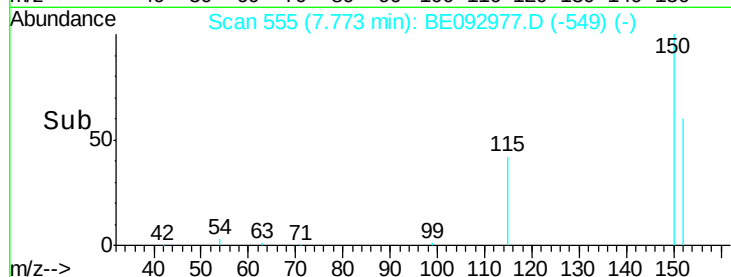
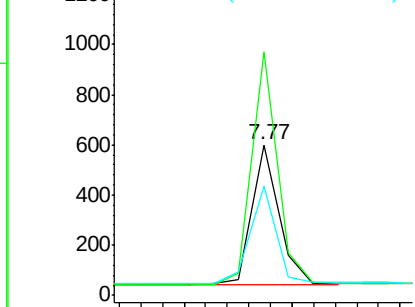
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. -0.00 min
Lab File: BE092977.D
Acq: 10 May 2017 11:48

Instrument :
BNA_E
ClientSampleId :
PB98656BL

Tgt Ion:152 Resp: 956
Ion Ratio Lower Upper
152 100
150 162.1 125.1 187.7
115 73.1 55.7 83.5



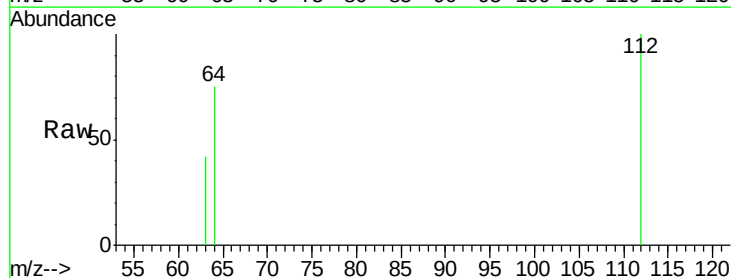
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



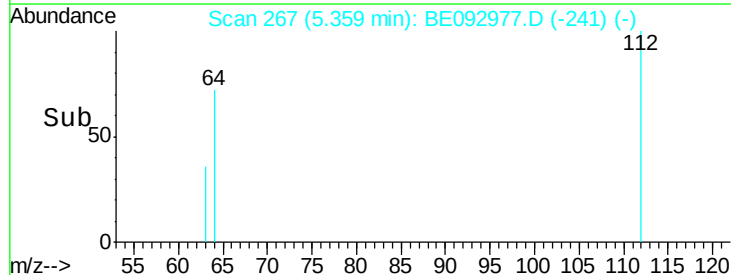
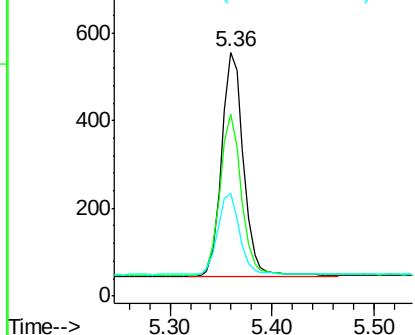
#4

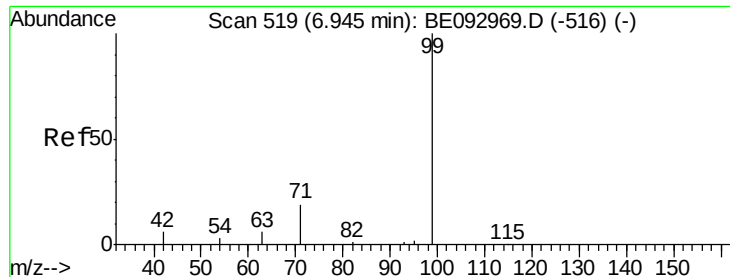
2-Fluorophenol
Concen: 0.28 ng
RT: 5.36 min Scan# 267
Delta R.T. 0.00 min
Lab File: BE092977.D
Acq: 10 May 2017 11:48

Tgt Ion:112 Resp: 763
Ion Ratio Lower Upper
112 100
64 71.6 56.4 84.6
63 35.8 29.3 43.9



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: 0.25 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092977.D

Acq: 10 May 2017 11:48

Instrument :

BNA_E

ClientSampleId :

PB98656BL

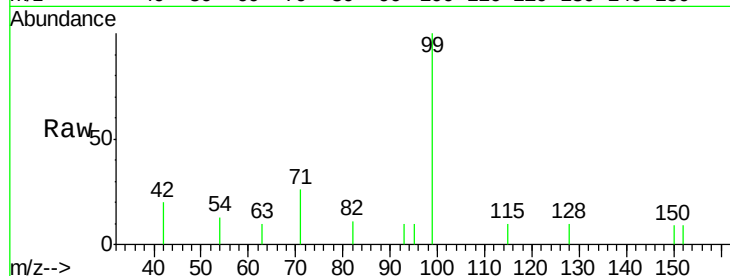
Tgt Ion: 99 Resp: 851

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

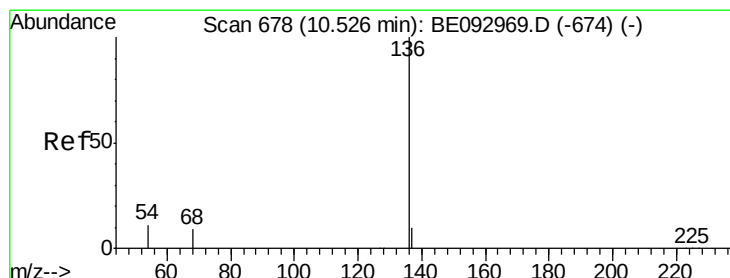
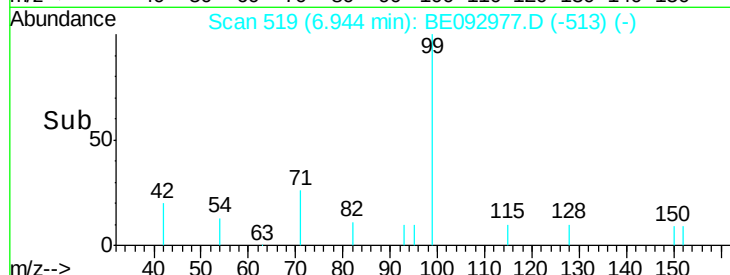
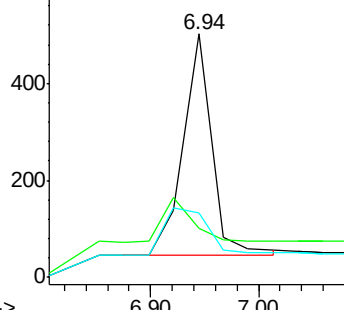
71 0.0 0.0 0.0



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: 10.52 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE092977.D

Acq: 10 May 2017 11:48

Tgt Ion: 136 Resp: 3454

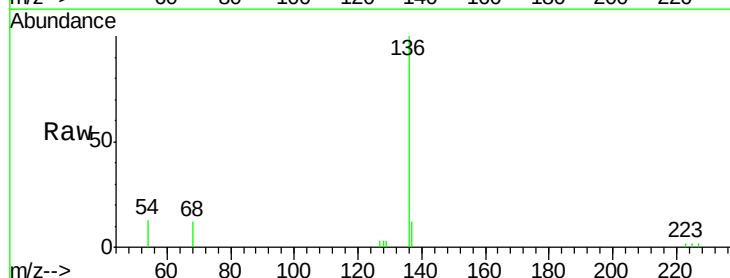
Ion Ratio Lower Upper

136 100

137 12.1 9.8 14.8

54 13.3 10.3 15.5

68 11.6 9.0 13.4

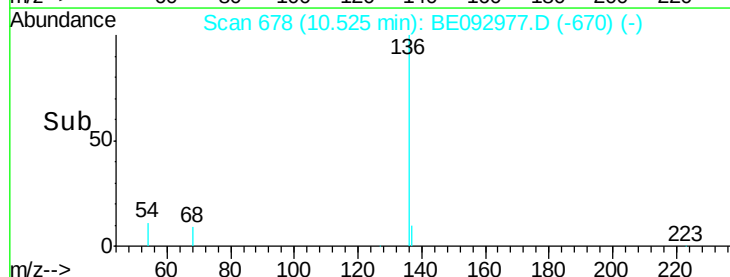
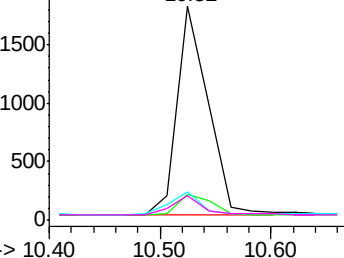


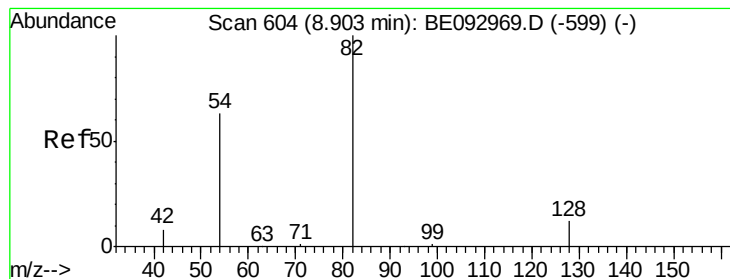
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.24 ng

RT: 8.90 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE092977.D

Acq: 10 May 2017 11:48

Instrument :

BNA_E

ClientSampleId :

PB98656BL

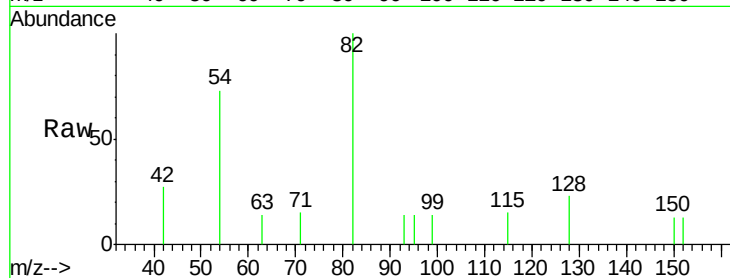
Tgt Ion: 82 Resp: 636

Ion Ratio Lower Upper

82 100

128 22.8 17.0 25.4

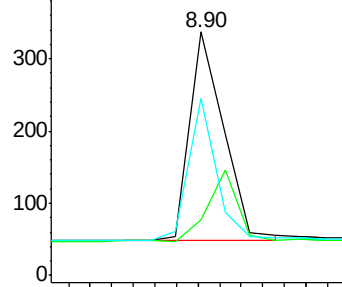
54 73.0 53.8 80.6



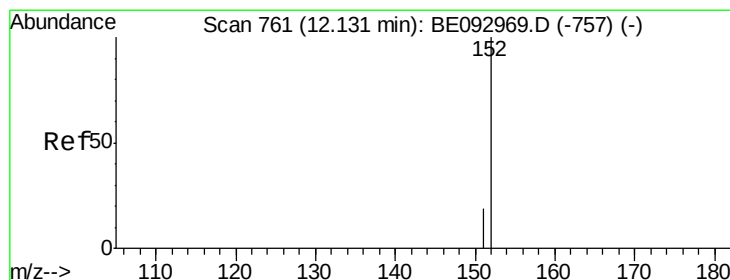
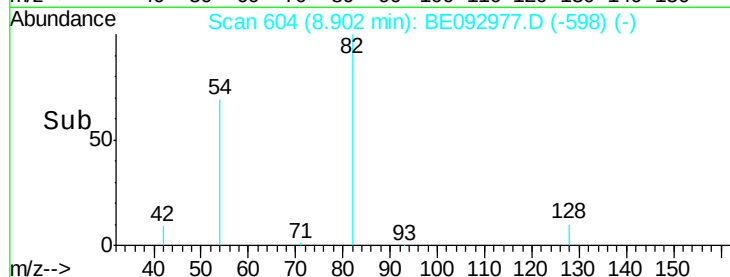
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.24 ng

RT: 12.13 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE092977.D

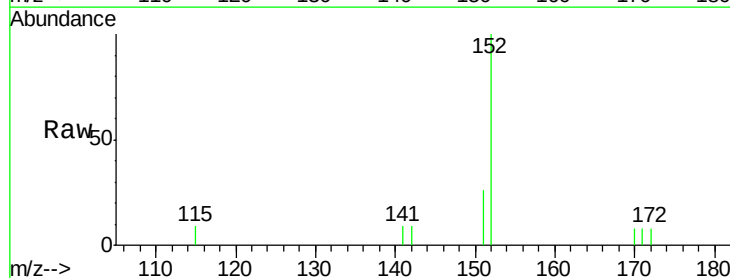
Acq: 10 May 2017 11:48

Tgt Ion: 152 Resp: 1138

Ion Ratio Lower Upper

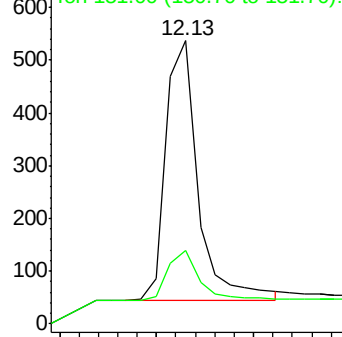
152 100

151 19.1 15.1 22.7

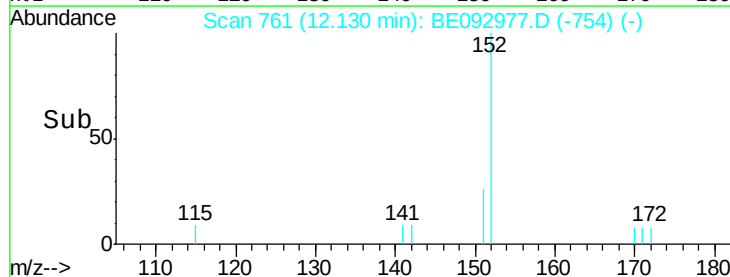


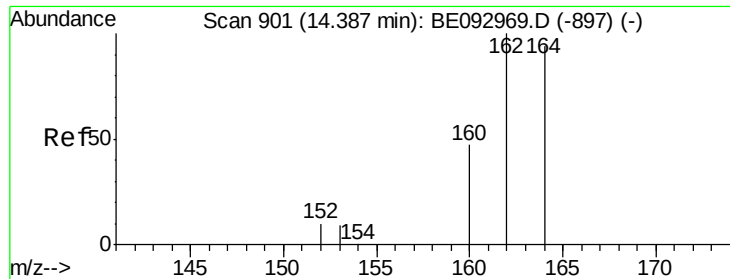
Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0



Time-->





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BE092977.D

Acq: 10 May 2017 11:48

Instrument :

BNA_E

ClientSampleId :

PB98656BL

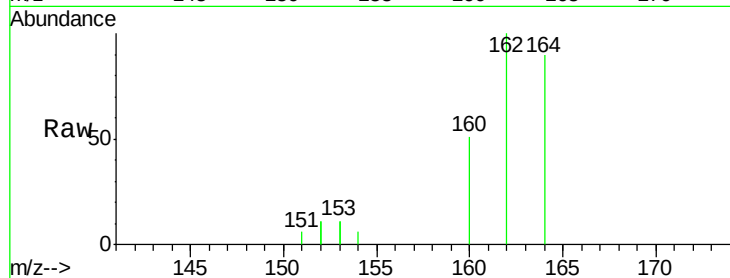
Tgt Ion:164 Resp: 1381

Ion Ratio Lower Upper

164 100

162 110.7 84.6 127.0

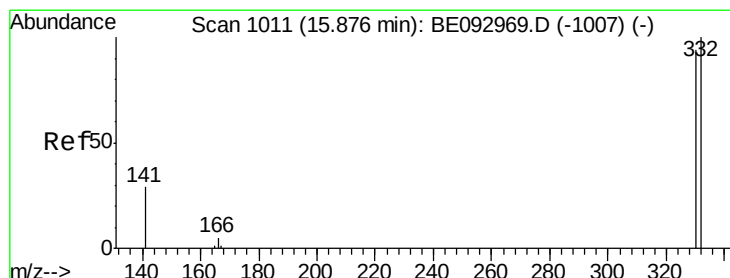
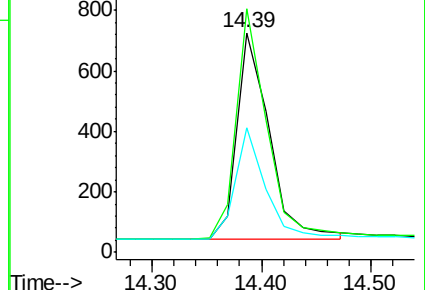
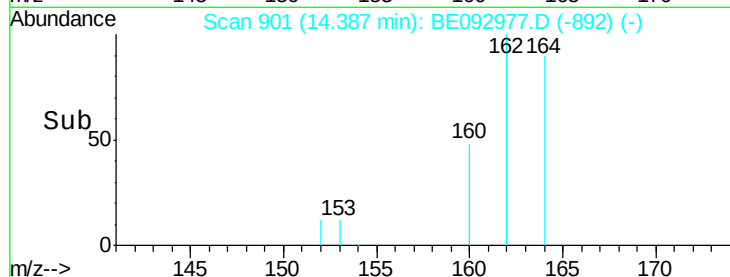
160 56.7 41.8 62.6



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: 0.20 ng

RT: 15.88 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BE092977.D

Acq: 10 May 2017 11:48

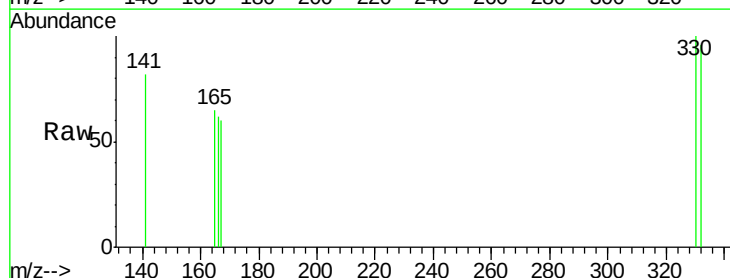
Tgt Ion:330 Resp: 73

Ion Ratio Lower Upper

330 100

332 98.6 77.7 116.5

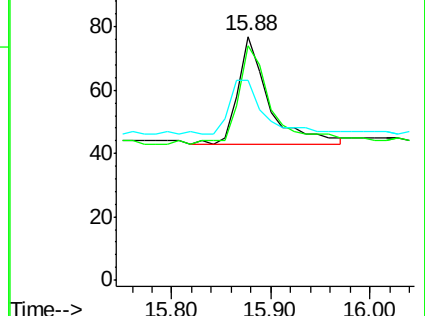
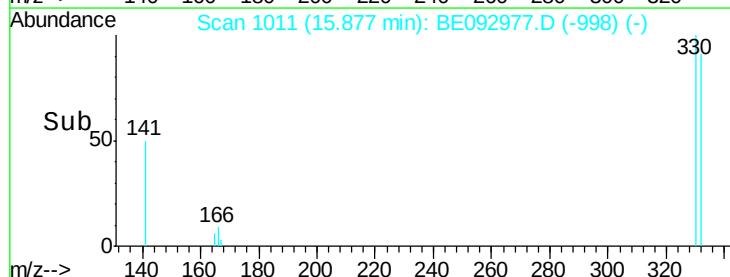
141 56.2 56.2 84.4#

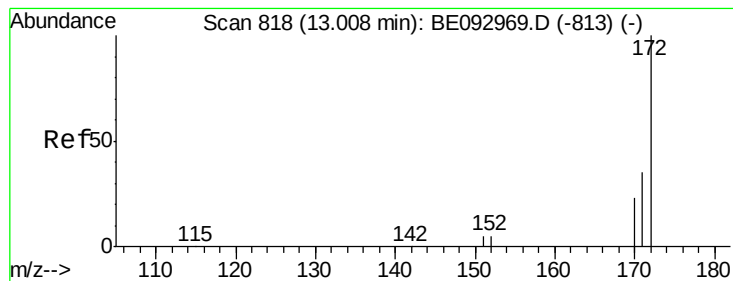


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.27 ng

RT: 13.01 min Scan# 818

Delta R.T. -0.00 min

Lab File: BE092977.D

Acq: 10 May 2017 11:48

Instrument :

BNA_E

ClientSampleId :

PB98656BL

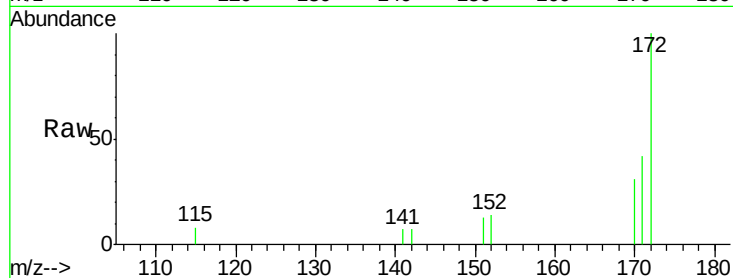
Tgt Ion:172 Resp: 1417

Ion Ratio Lower Upper

172 100

171 42.1 29.8 44.6

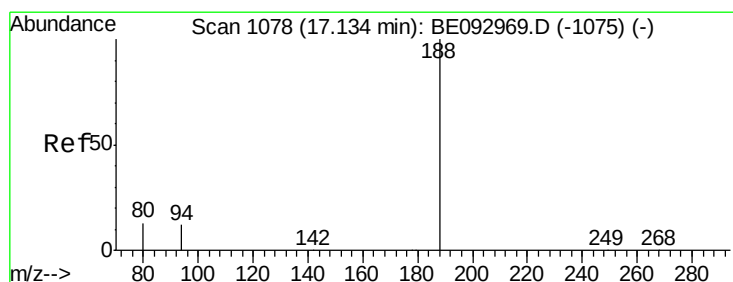
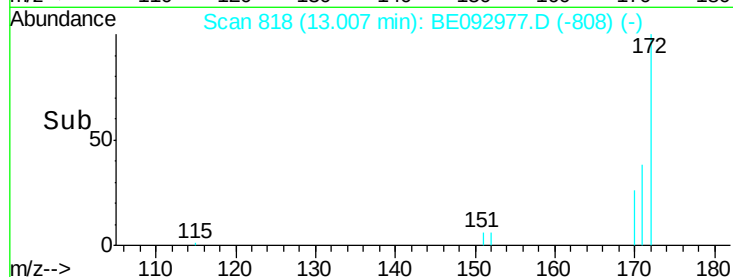
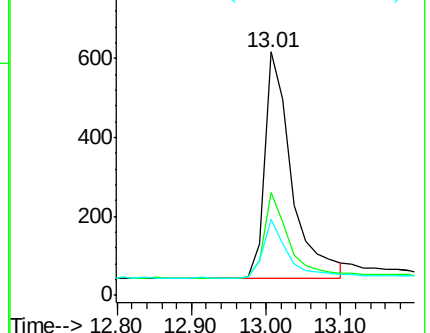
170 31.0 20.7 31.1



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# 1077

Delta R.T. -0.00 min

Lab File: BE092977.D

Acq: 10 May 2017 11:48

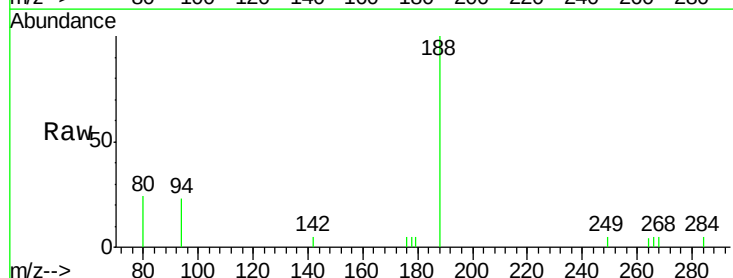
Tgt Ion:188 Resp: 2652

Ion Ratio Lower Upper

188 100

94 22.9 11.3 16.9#

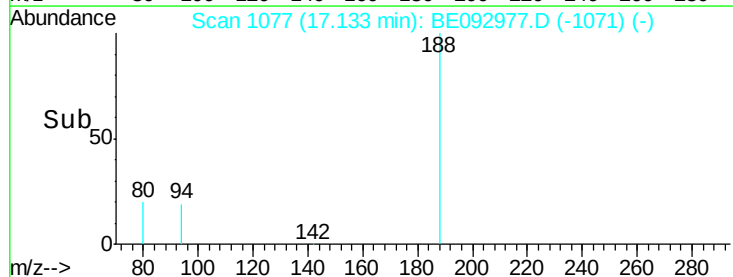
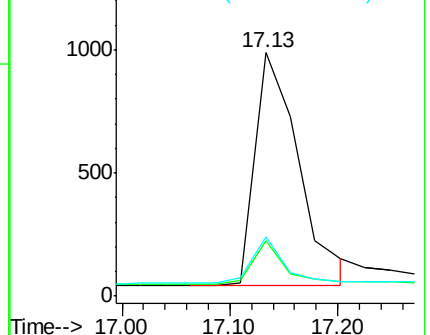
80 24.5 11.7 17.5#

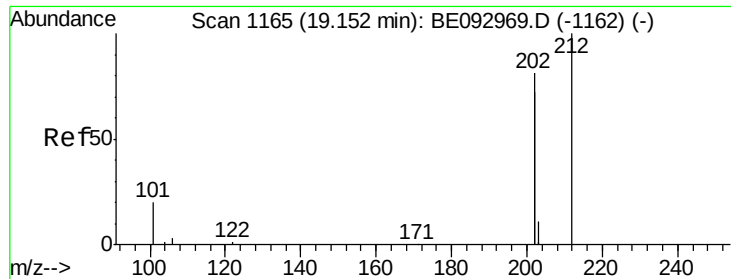


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

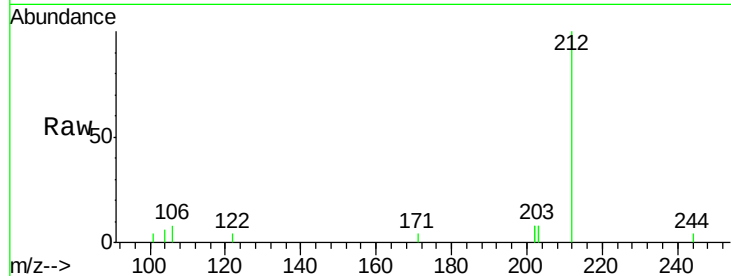




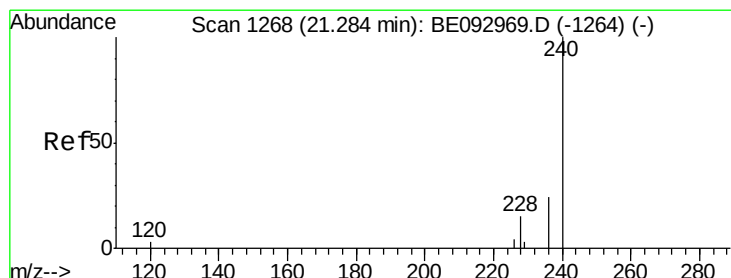
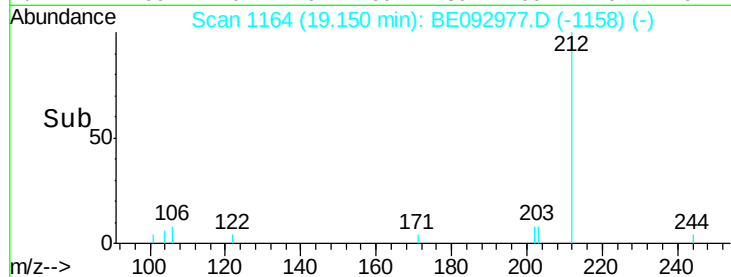
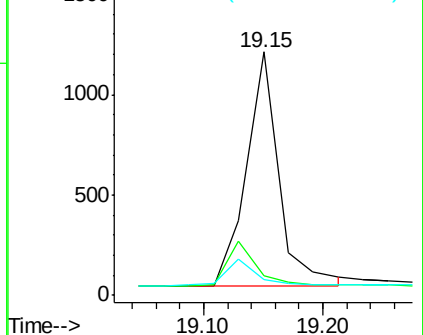
#24
Fluoranthene-d10
Concen: 0.32 ng
RT: 19.15 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BE092977.D
Acq: 10 May 2017 11:48

Instrument :
BNA_E
ClientSampleId :
PB98656BL

Tgt Ion:212 Resp: 2219
Ion Ratio Lower Upper
212 100
106 0.0 0.0 0.0
104 0.0 0.0 0.0

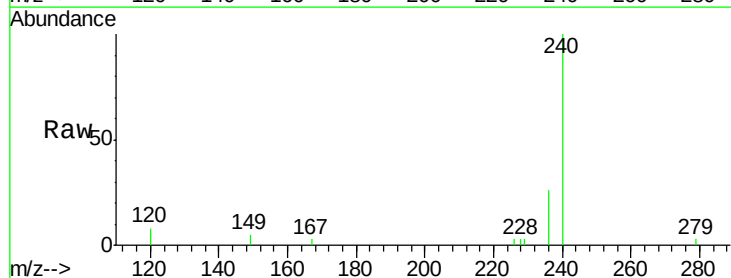


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

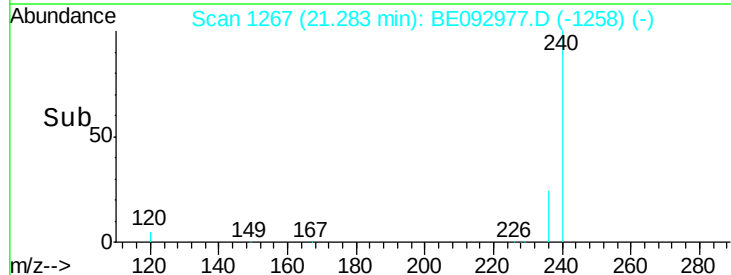
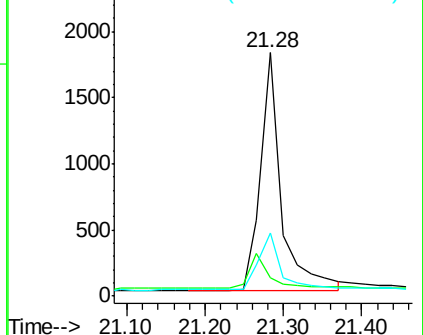


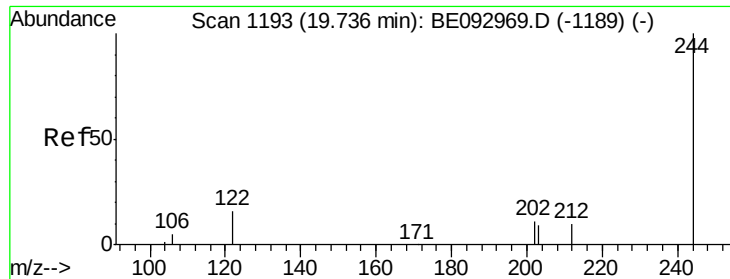
#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BE092977.D
Acq: 10 May 2017 11:48

Tgt Ion:240 Resp: 3346
Ion Ratio Lower Upper
240 100
120 7.7 4.6 7.0#
236 26.2 20.8 31.2



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

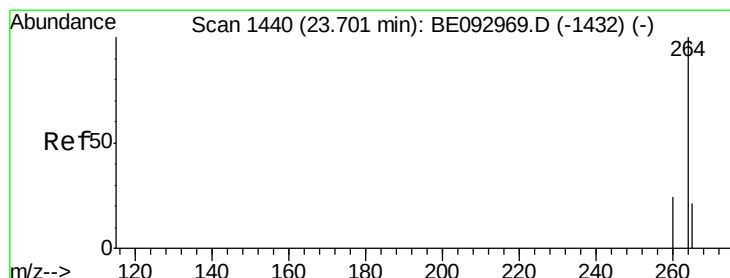
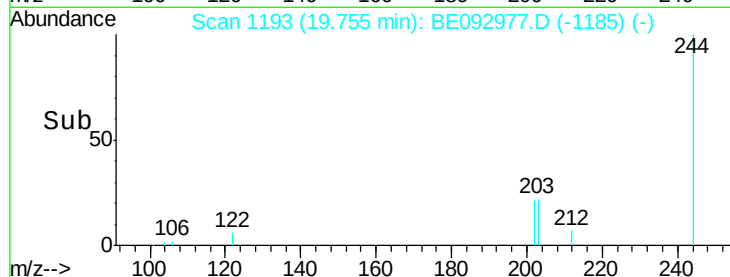
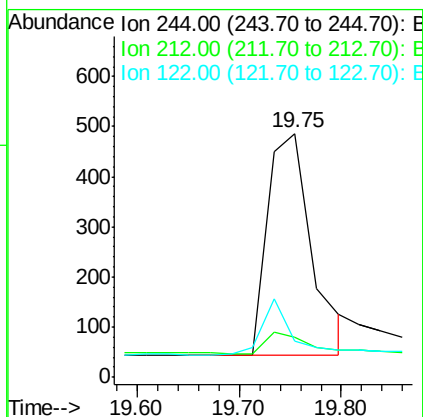
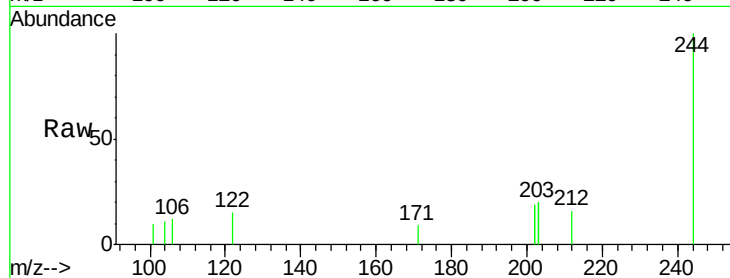




#28
 Terphenyl-d14
 Concen: 0.26 ng
 RT: 19.75 min Scan# 1193
 Delta R.T. 0.02 min
 Lab File: BE092977.D
 Acq: 10 May 2017 11:48

Instrument :
 BNA_E
 ClientSampleId :
 PB98656BL

Tgt Ion:244 Resp: 1329
 Ion Ratio Lower Upper
 244 100
 212 16.5 10.6 16.0#
 122 15.0 15.4 23.0#



#33
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.70 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BE092977.D
 Acq: 10 May 2017 11:48

Tgt Ion:264 Resp: 3218
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.0 31.4
 265 32.8 24.6 36.8

