

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103017\
 Data File : BE094647.D
 Acq On : 30 Oct 2017 17:42
 Operator : SJ/JU
 Sample : PB103598BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB103598BL

Quant Time: Oct 31 01:32:56 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 22:40:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1111	0.40	ng	0.01
7) Naphthalene-d8	10.74	136	5981	0.40	ng	0.03
13) Acenaphthene-d10	14.54	164	3603	0.40	ng	0.03
19) Phenanthrene-d10	17.27	188	8556	0.40	ng	0.03
27) Chrysene-d12	21.44	240	8198	0.40	ng	0.01
34) Perylene-d12	23.98	264	7849	0.40	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.54	112	879	0.23	ng	0.01
5) Phenol-d6	7.26	99	1205	0.21	ng	0.13
8) Nitrobenzene-d5	9.15	82	1002	0.21	ng	0.07
11) 2-Methylnaphthalene-d10	12.33	152	2685	0.28	ng	0.04
14) 2,4,6-Tribromophenol	16.10	330	192	0.19	ng	0.07
15) 2-Fluorobiphenyl	13.18	172	3414	0.27	ng	0.03
25) Fluoranthene-d10	19.30	212	27186	0.23	ng	0.01
29) Terphenyl-d14	19.87	244	4179	0.27	ng	0.00

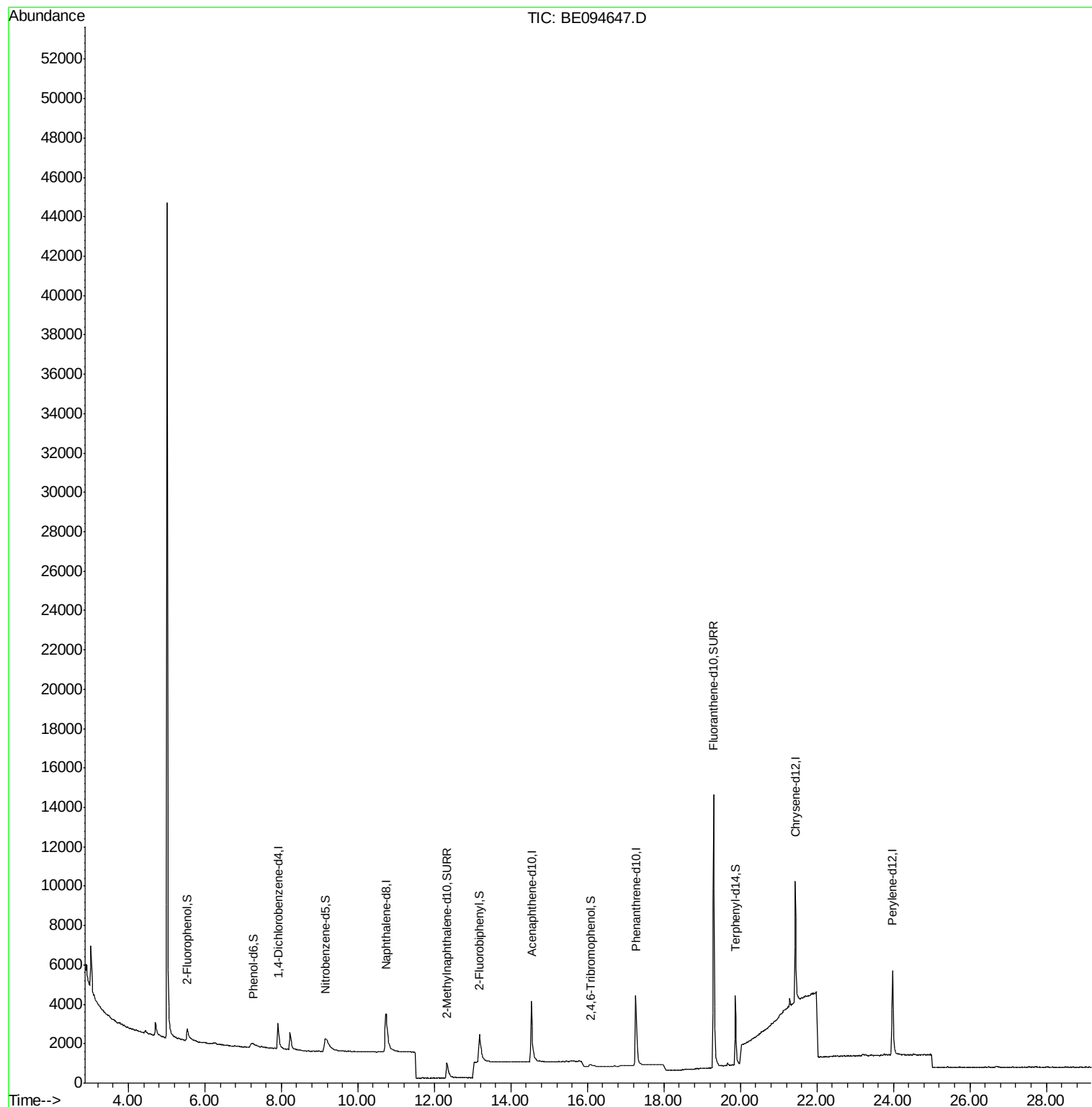
Target Compounds	Qvalue
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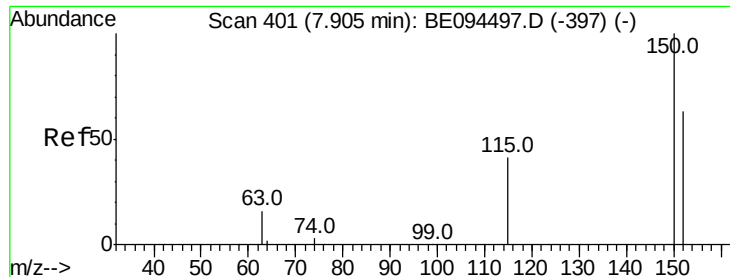
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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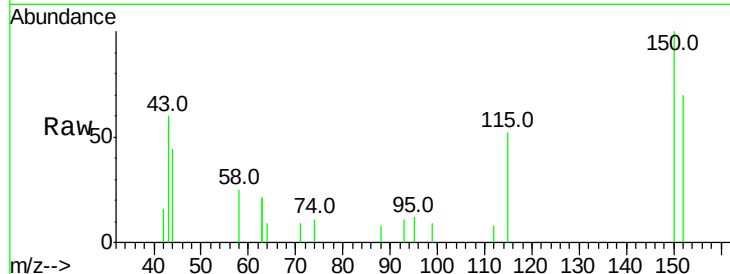


#1

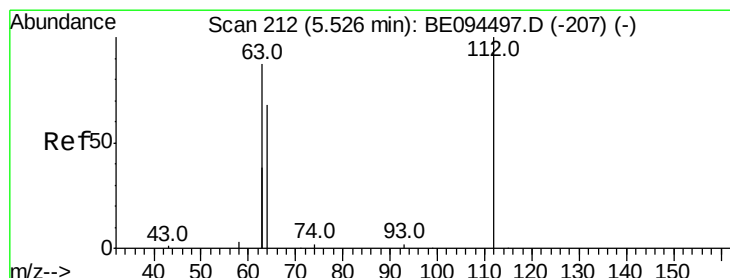
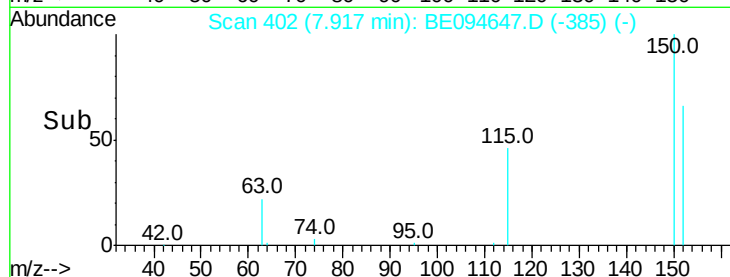
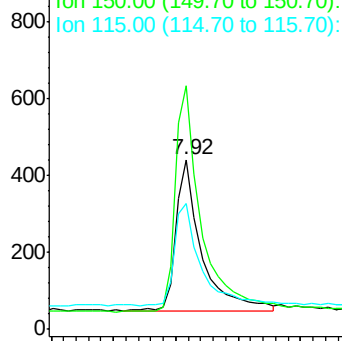
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.01 min
Lab File: BE094647.D
Acq: 30 Oct 2017 17:42

Instrument :
BNA_E
ClientSampleId :
PB103598BL

Tot Ion:152 Resp: 1111
Ion Ratio Lower Upper
152 100
150 143.6 117.2 175.8
115 74.5 57.0 85.6



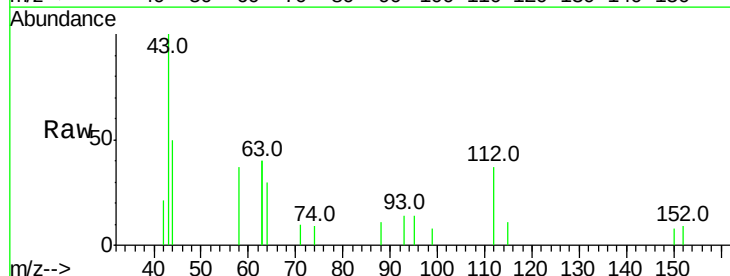
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



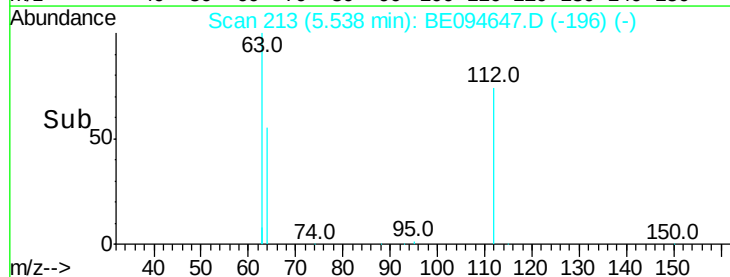
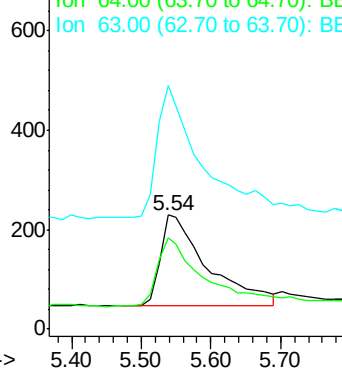
#4

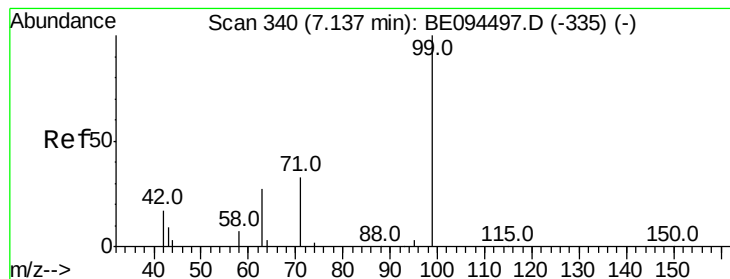
2-Fluorophenol
Concen: 0.231 ng
RT: 5.54 min Scan# 213
Delta R.T. 0.01 min
Lab File: BE094647.D
Acq: 30 Oct 2017 17:42

Tgt Ion:112 Resp: 879
Ion Ratio Lower Upper
112 100
64 74.7 60.1 90.1
63 136.2 116.8 175.2



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: 0.210 ng

RT: 7.26 min Scan# 350

Delta R.T. 0.13 min

Lab File: BE094647.D

Acq: 30 Oct 2017 17:42

Instrument :

BNA_E

ClientSampleId :

PB103598BL

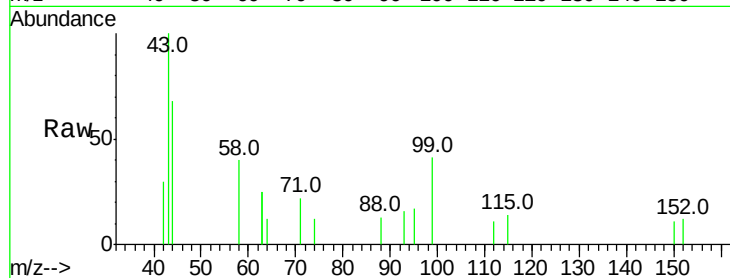
Tot Ion: 99 Resp: 1205

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

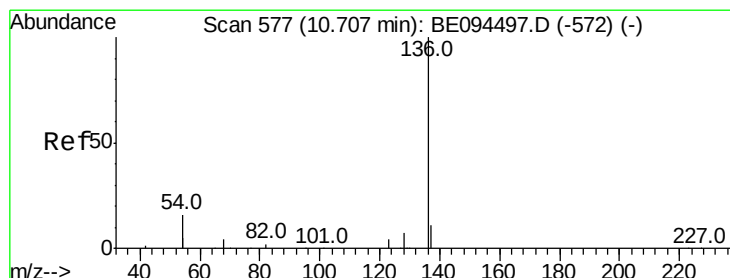
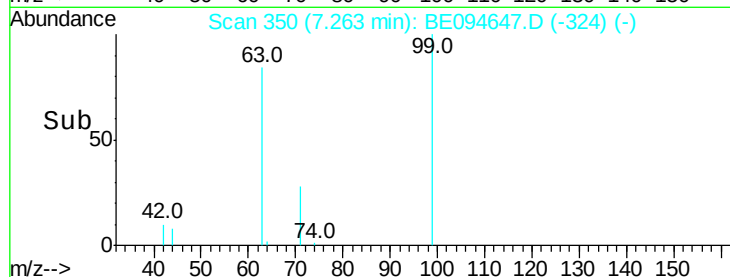
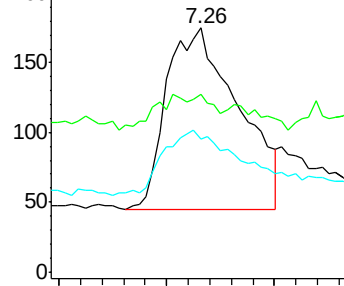
71 37.5 28.4 42.6



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: 0.400 ng

RT: 10.74 min Scan# 579

Delta R.T. 0.03 min

Lab File: BE094647.D

Acq: 30 Oct 2017 17:42

Tgt Ion: 136 Resp: 5981

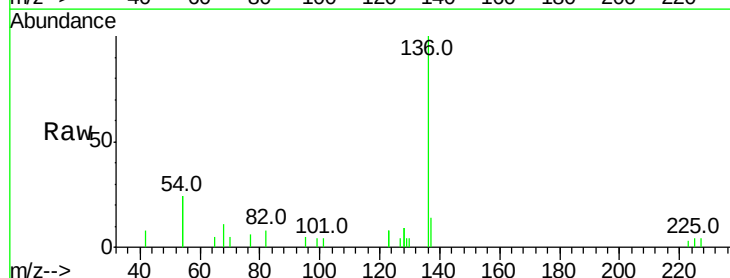
Ion Ratio Lower Upper

136 100

137 14.3 9.5 14.3#

54 47.5 29.1 43.7#

68 10.9 6.2 9.2#

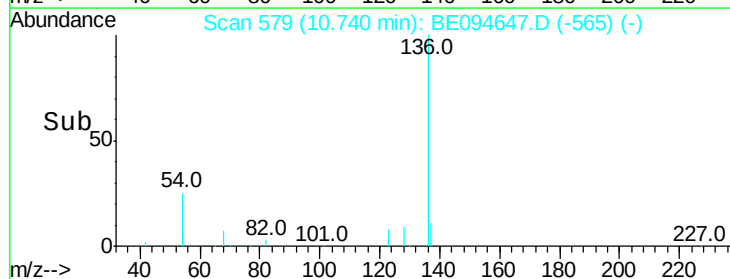
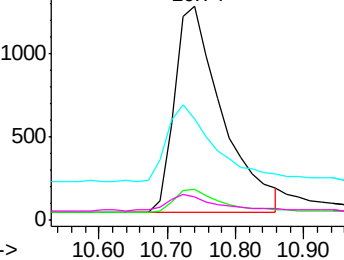


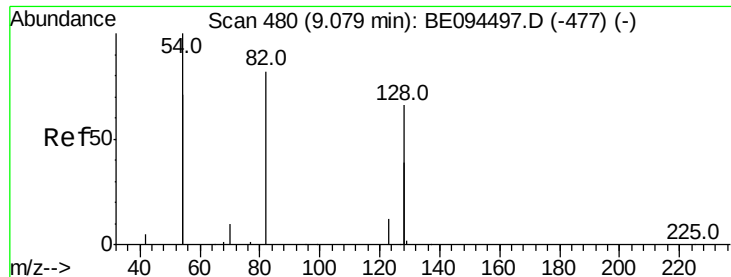
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.210 ng

RT: 9.15 min Scan# 484

Delta R.T. 0.07 min

Lab File: BE094647.D

Acq: 30 Oct 2017 17:42

Instrument :

BNA_E

ClientSampleId :

PB103598BL

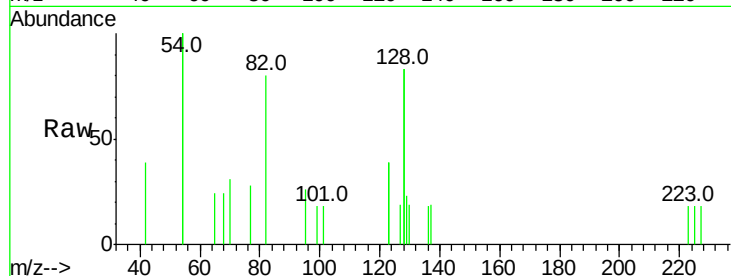
Tot Ion: 82 Resp: 1002

Ion Ratio Lower Upper

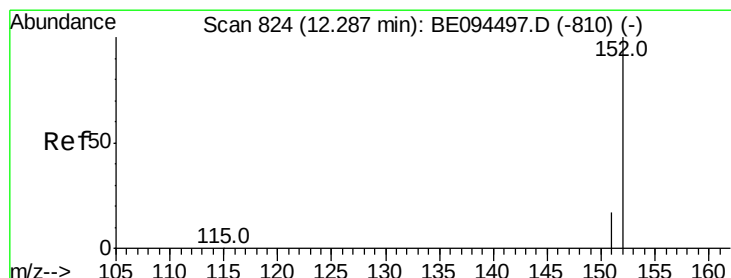
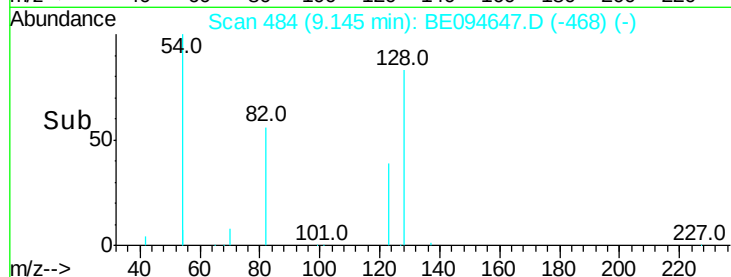
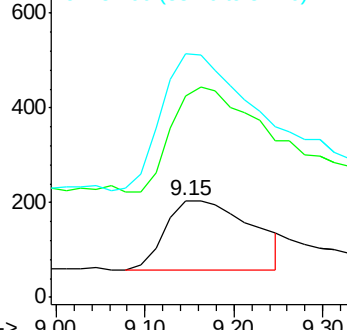
82 100

128 207.8 150.0 225.0

54 250.7 154.2 231.4#



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: 0.280 ng

RT: 12.33 min Scan# 834

Delta R.T. 0.04 min

Lab File: BE094647.D

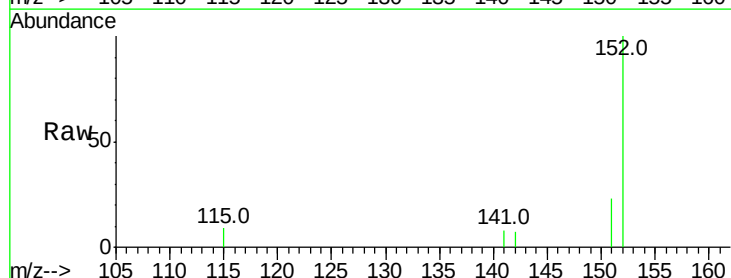
Acq: 30 Oct 2017 17:42

Tgt Ion: 152 Resp: 2685

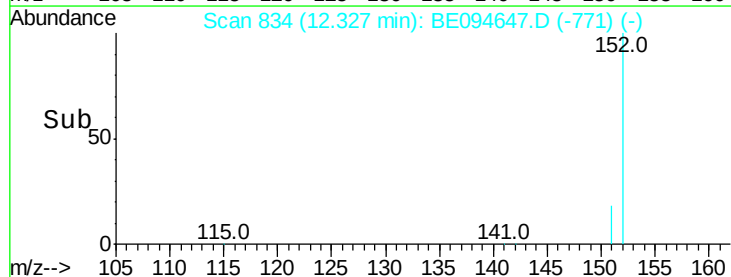
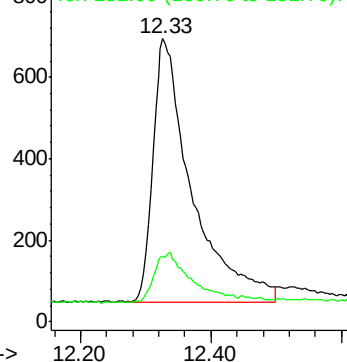
Ion Ratio Lower Upper

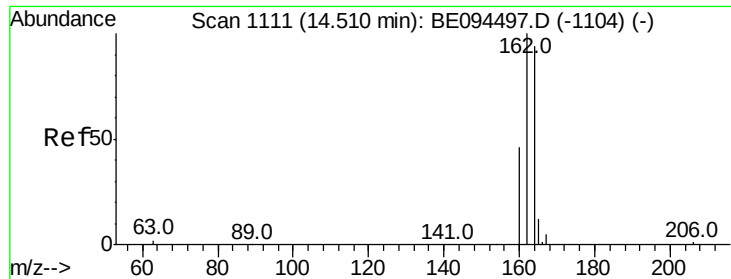
152 100

151 17.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

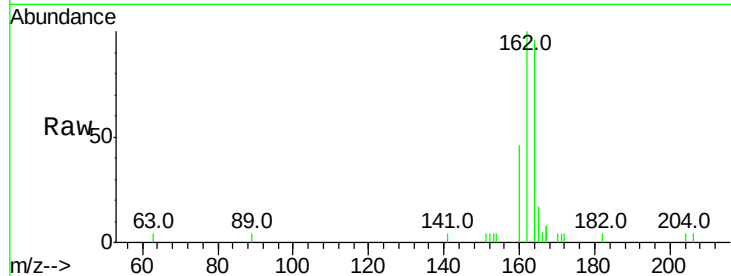




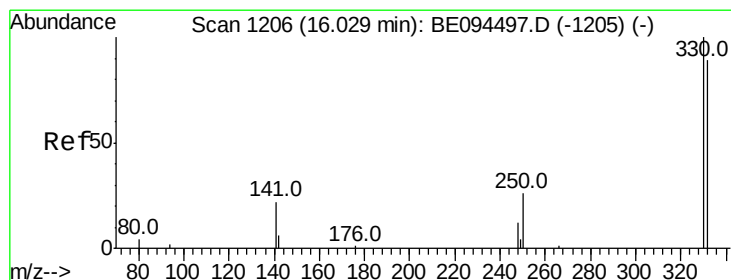
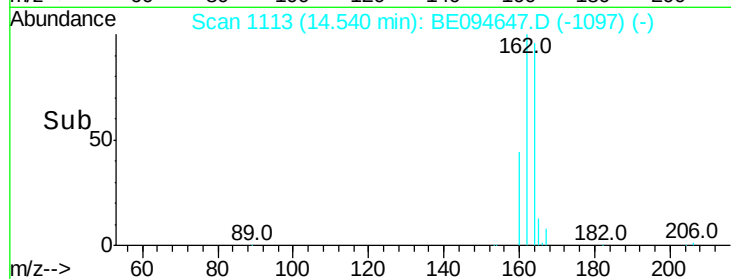
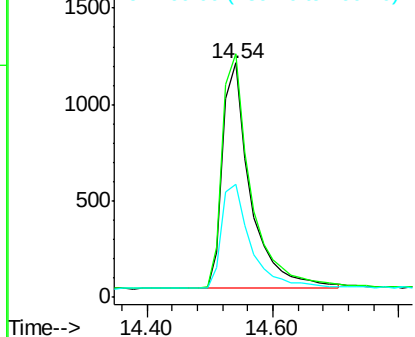
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. 0.03 min
 Lab File: BE094647.D
 Acq: 30 Oct 2017 17:42

Instrument :
 BNA_E
 ClientSampleId :
 PB103598BL

Tot Ion:164 Resp: 3603
 Ion Ratio Lower Upper
 164 100
 162 103.9 83.1 124.7
 160 48.2 37.1 55.7

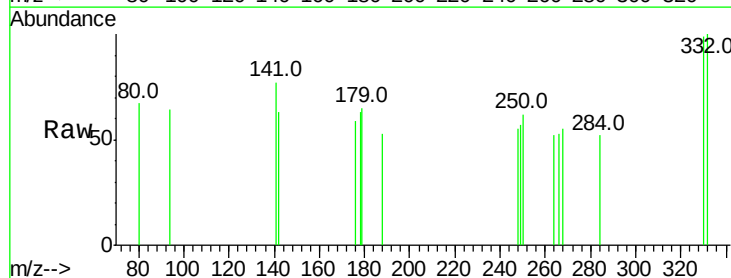


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

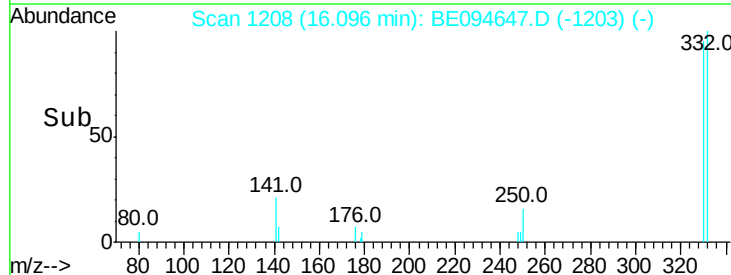
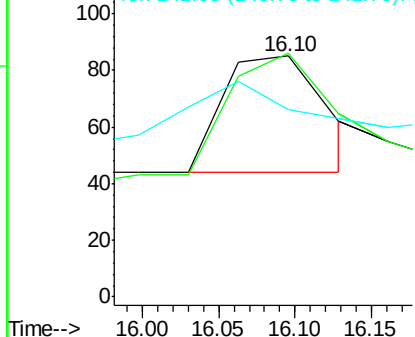


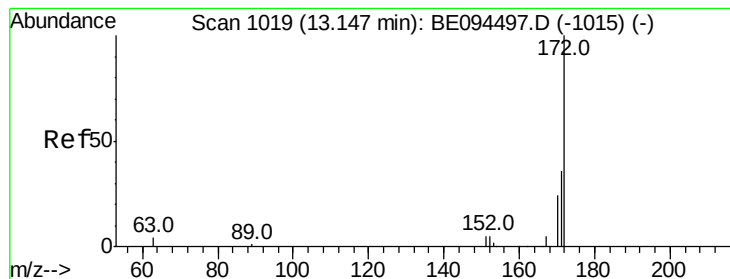
#14
 2,4,6-Tribromophenol
 Concen: 0.193 ng
 RT: 16.10 min Scan# 1208
 Delta R.T. 0.07 min
 Lab File: BE094647.D
 Acq: 30 Oct 2017 17:42

Tgt Ion:330 Resp: 192
 Ion Ratio Lower Upper
 330 100
 332 102.1 152.7 229.1#
 141 0.0 33.7 50.5#



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: 0.269 ng

RT: 13.18 min Scan# 1021

Delta R.T. 0.03 min

Lab File: BE094647.D

Acq: 30 Oct 2017 17:42

Instrument :

BNA_E

ClientSampleId :

PB103598BL

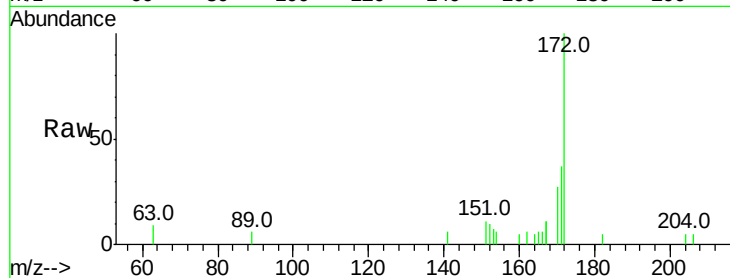
Tot Ion:172 Resp: 3414

Ion Ratio Lower Upper

172 100

171 36.9 29.9 44.9

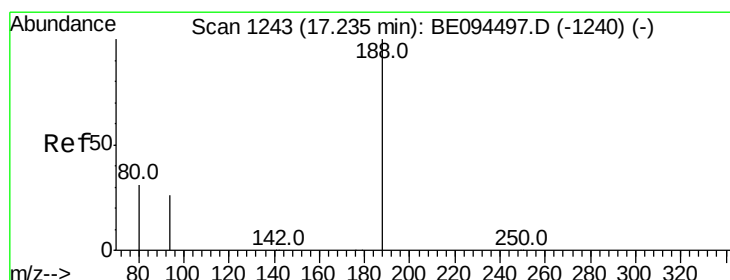
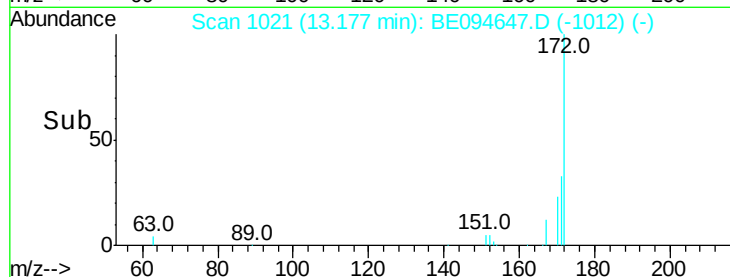
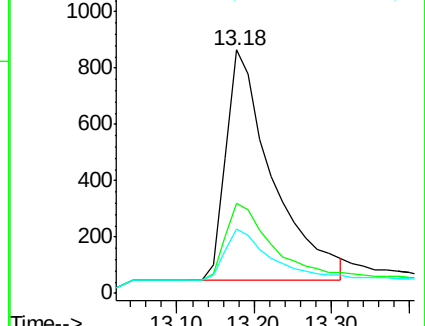
170 26.7 21.8 32.8



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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.03 min

Lab File: BE094647.D

Acq: 30 Oct 2017 17:42

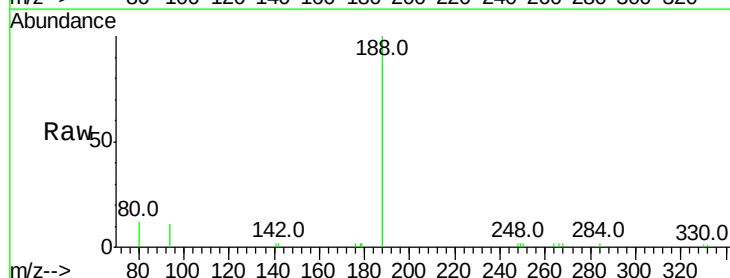
Tgt Ion:188 Resp: 8556

Ion Ratio Lower Upper

188 100

94 10.8 3.9 5.9#

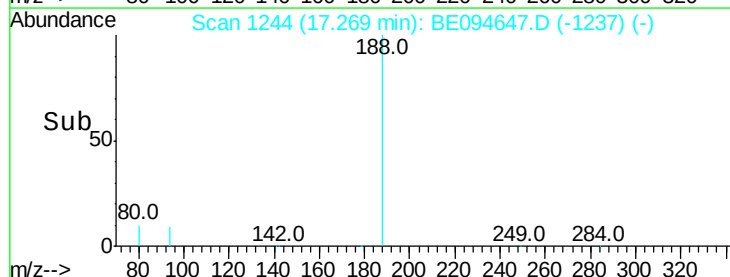
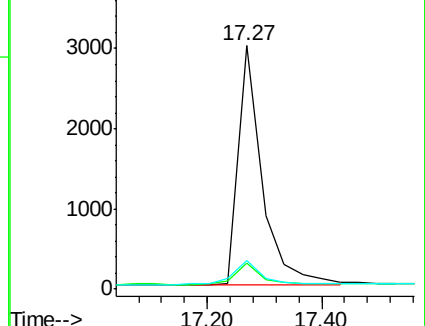
80 11.5 3.6 5.4#

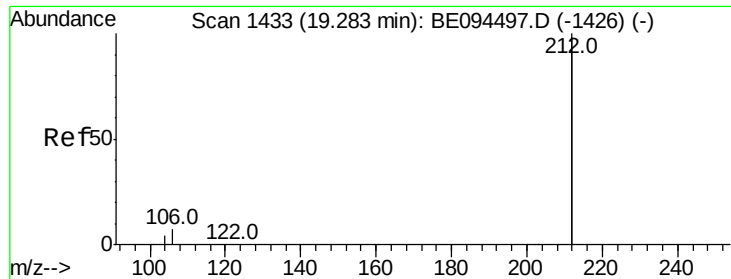


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.225 ng

RT: 19.30 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BE094647.D

Acq: 30 Oct 2017 17:42

Instrument :

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ClientSampleId :

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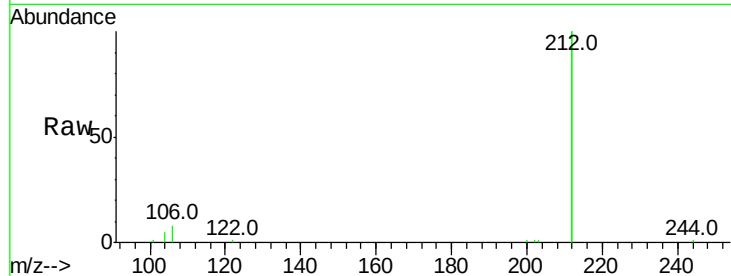
Tot Ion:212 Resp: 27186

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

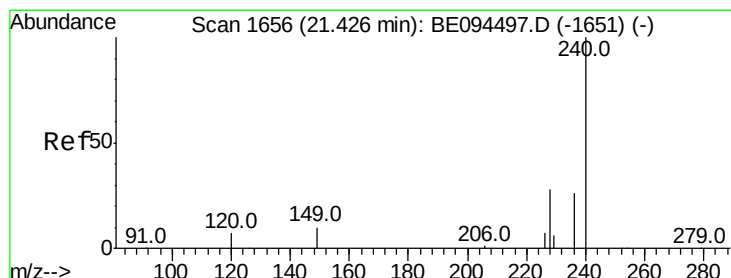
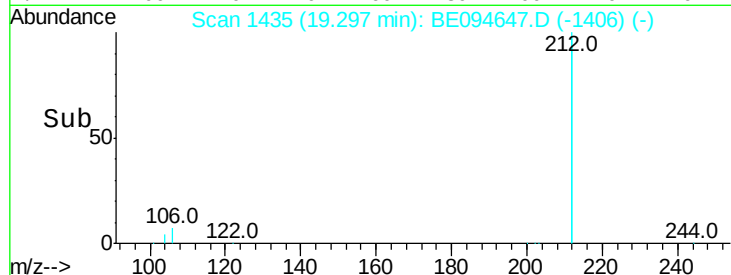
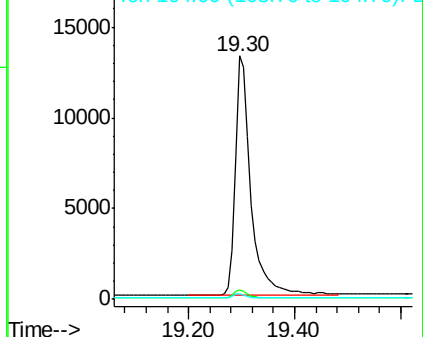
104 1.9 1.6 2.4



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.44 min Scan# 1657

Delta R.T. 0.01 min

Lab File: BE094647.D

Acq: 30 Oct 2017 17:42

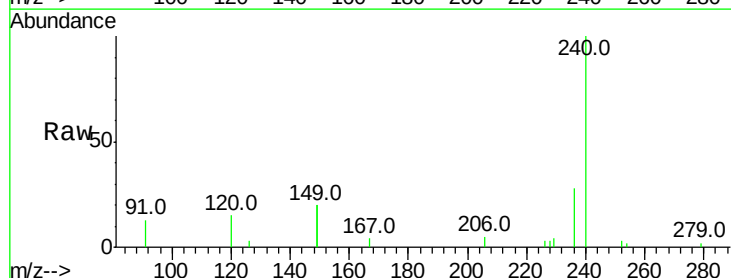
Tgt Ion:240 Resp: 8198

Ion Ratio Lower Upper

240 100

120 15.0 5.5 8.3#

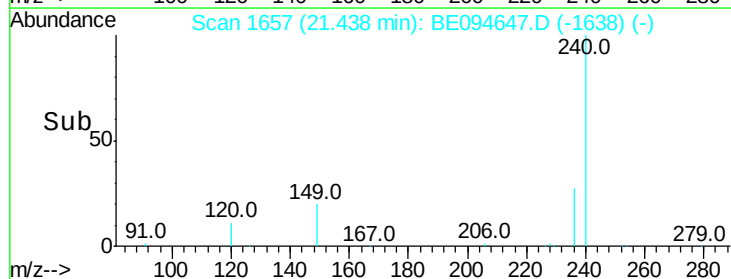
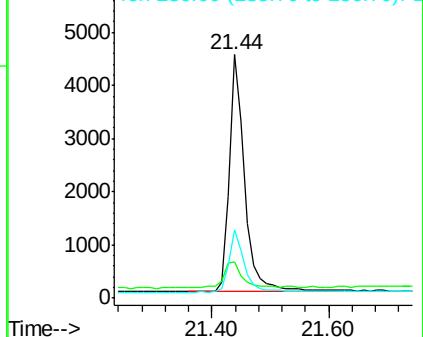
236 28.2 20.7 31.1

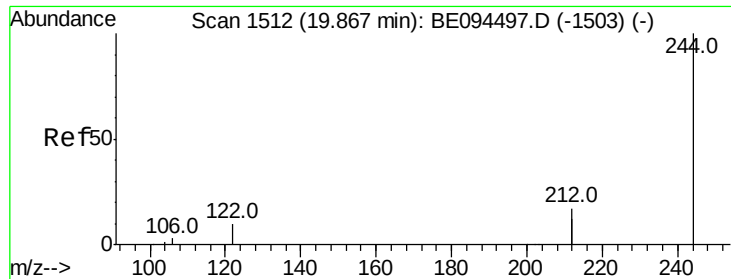


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.270 ng

RT: 19.87 min Scan# 1513

Delta R.T. 0.01 min

Lab File: BE094647.D

Acq: 30 Oct 2017 17:42

Instrument :

BNA_E

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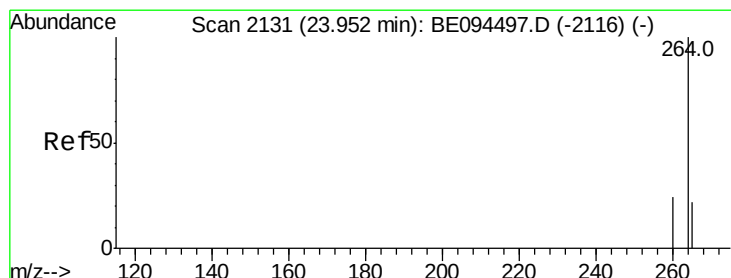
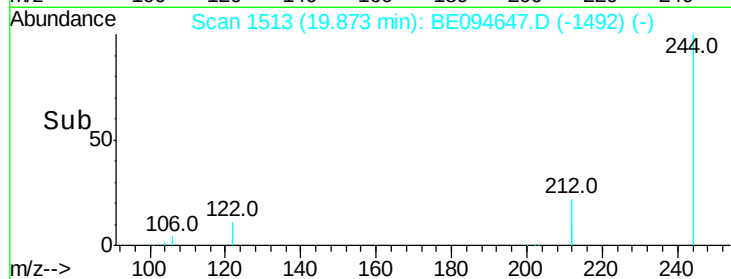
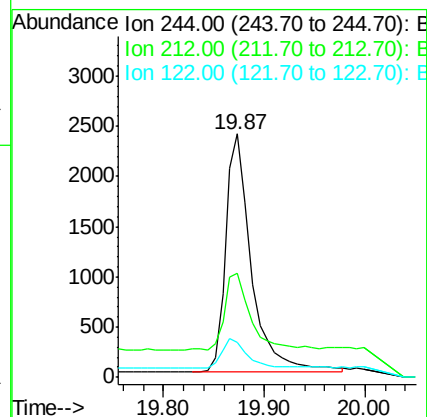
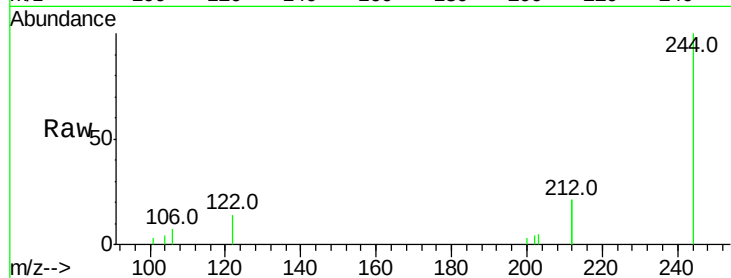
Tot Ion:244 Resp: 4179

Ion Ratio Lower Upper

244 100

212 42.9 25.4 38.0#

122 14.4 8.1 12.1#



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.98 min Scan# 2137

Delta R.T. 0.03 min

Lab File: BE094647.D

Acq: 30 Oct 2017 17:42

Tgt Ion:264 Resp: 7849

Ion Ratio Lower Upper

264 100

260 26.6 20.5 30.7

265 36.0 22.8 34.2#

