

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092817\
 Data File : BE094141.D
 Acq On : 28 Sep 2017 21:56
 Operator : SJ/JU
 Sample : I5457-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TW-3_092717

Quant Time: Sep 29 02:16:14 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 25 17:37:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1780	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	9026	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	5943	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	21618	0.40	ng	0.00
27) Chrysene-d12	21.40	240	17232	0.40	ng	0.00
34) Perylene-d12	23.91	264	16246	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	1292	0.19	ng	0.00
5) Phenol-d6	7.09	99	1133	0.12	ng	0.00
8) Nitrobenzene-d5	9.06	82	3135	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	5937	0.43	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	1130	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	10808	0.55	ng	0.00
25) Fluoranthene-d10	19.27	212	83077	0.40	ng	0.00
29) Terphenyl-d14	19.85	244	14697	0.47	ng	0.00

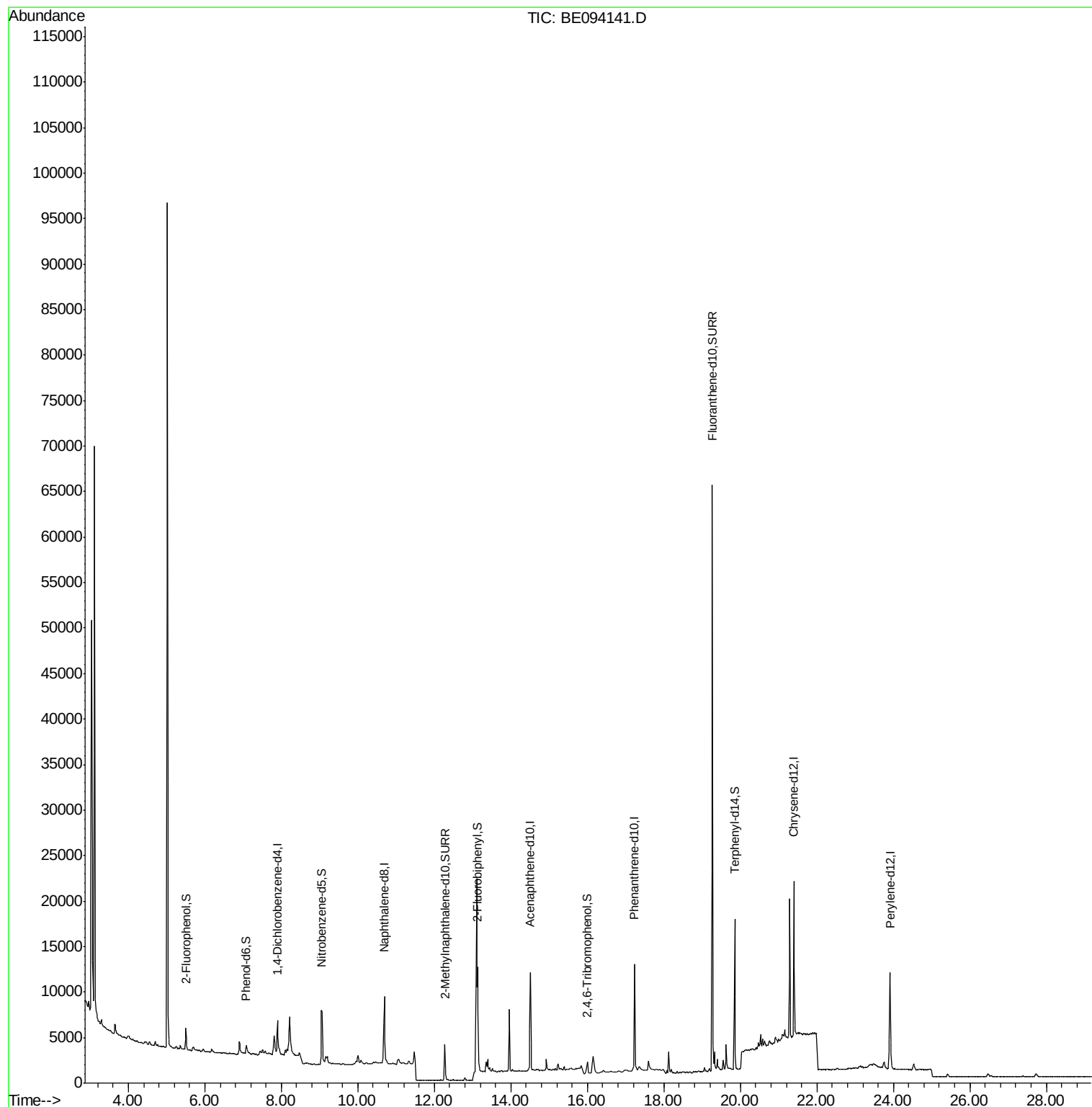
Target Compounds Qvalue

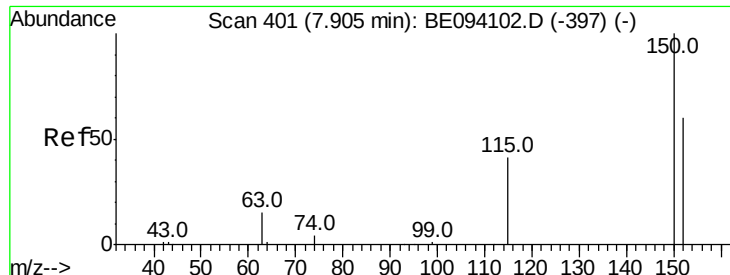
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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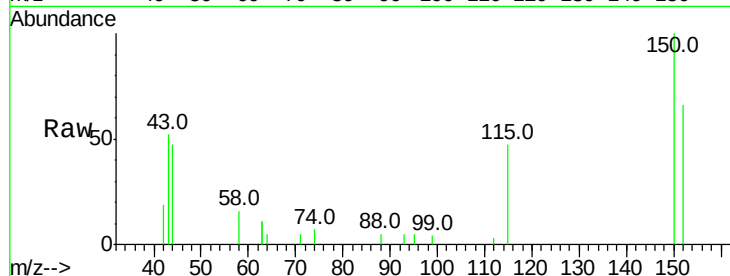


#1

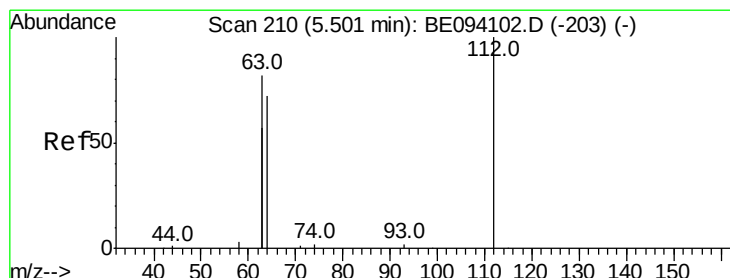
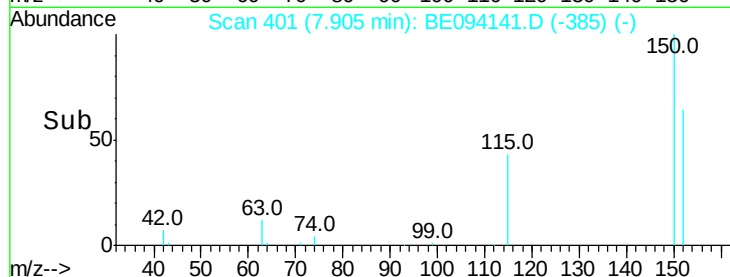
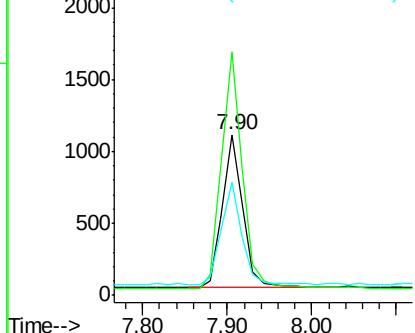
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094141.D
Acq: 28 Sep 2017 21:56

Instrument :
BNA_E
ClientSampleId :
TW-3_092717

Tot Ion:152 Resp: 1780
Ion Ratio Lower Upper
152 100
150 151.6 117.2 175.8
115 70.5 57.0 85.6



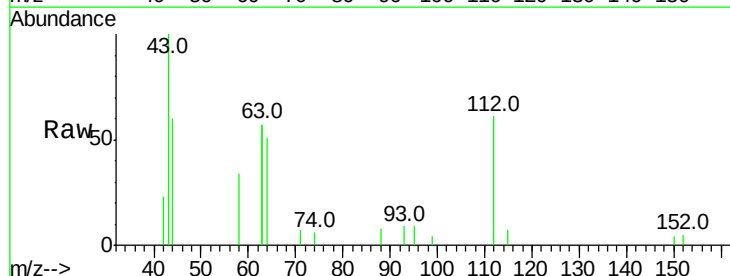
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



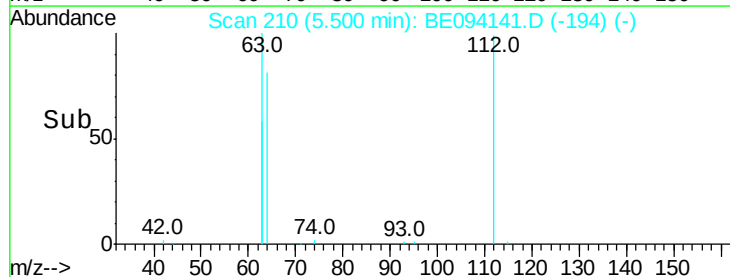
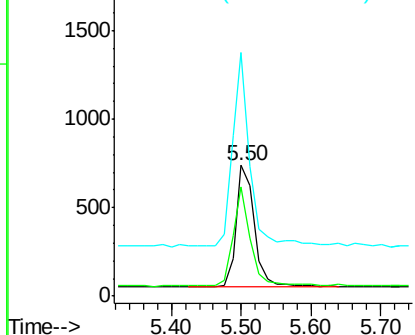
#4

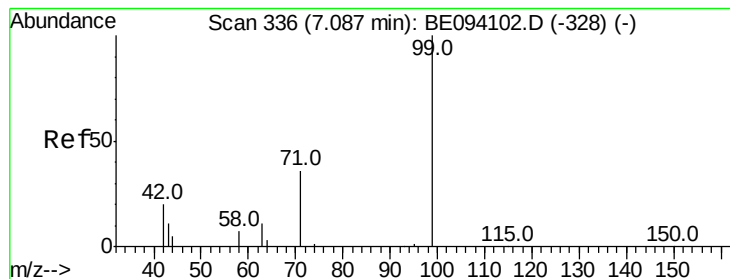
2-Fluorophenol
Concen: 0.191 ng
RT: 5.50 min Scan# 210
Delta R.T. -0.00 min
Lab File: BE094141.D
Acq: 28 Sep 2017 21:56

Tgt Ion:112 Resp: 1292
Ion Ratio Lower Upper
112 100
64 74.2 60.1 90.1
63 143.3 116.8 175.2



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: 0.121 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.00 min

Lab File: BE094141.D

Acq: 28 Sep 2017 21:56

Instrument :

BNA_E

ClientSampleId :

TW-3_092717

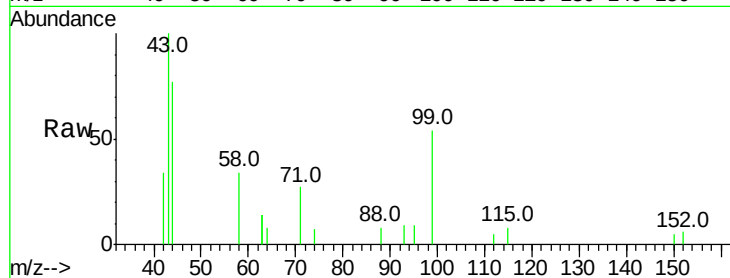
Tot Ion: 99 Resp: 1133

Ion Ratio Lower Upper

99 100

42 22.4 20.2 30.2

71 34.1 28.4 42.6

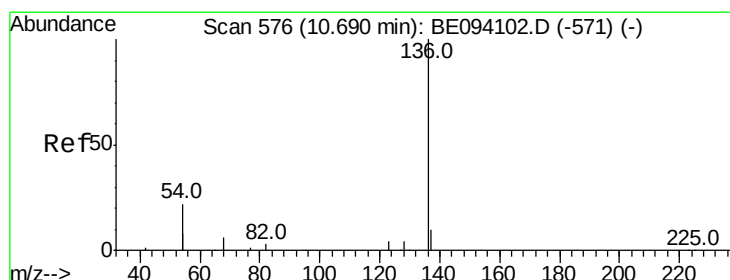
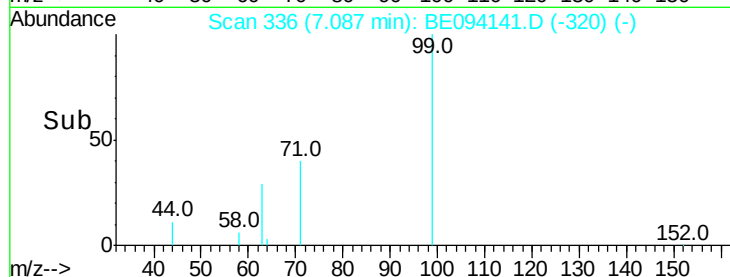
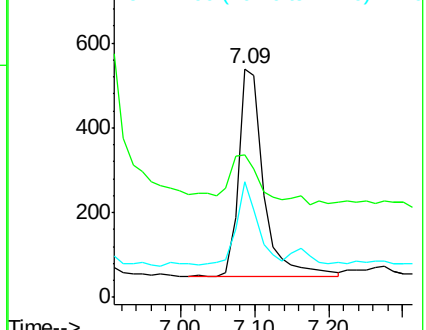


Abundance

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: 10.69 min Scan# 576

Delta R.T. 0.00 min

Lab File: BE094141.D

Acq: 28 Sep 2017 21:56

Tgt Ion: 136 Resp: 9026

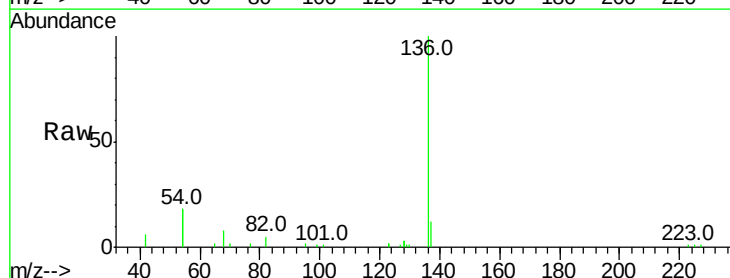
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 35.8 29.1 43.7

68 7.6 6.2 9.2



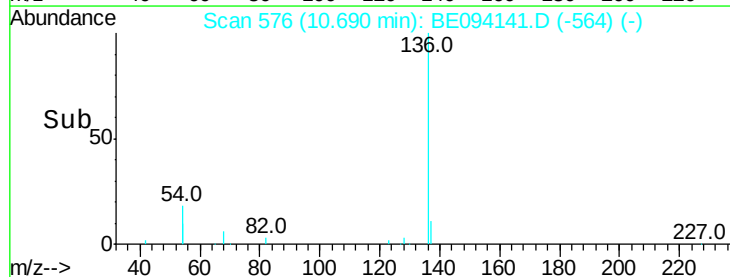
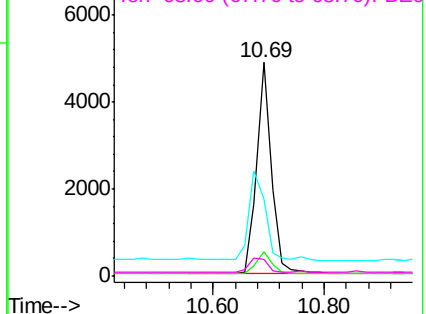
Abundance

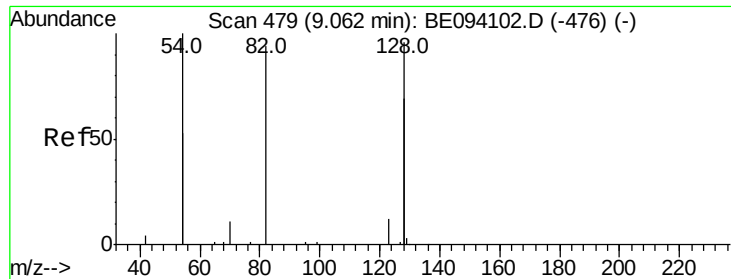
Ion 136.00 (135.70 to 136.70): BE0

Ion 137.00 (136.70 to 137.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.359 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE094141.D

Acq: 28 Sep 2017 21:56

Instrument :

BNA_E

ClientSampleId :

TW-3_092717

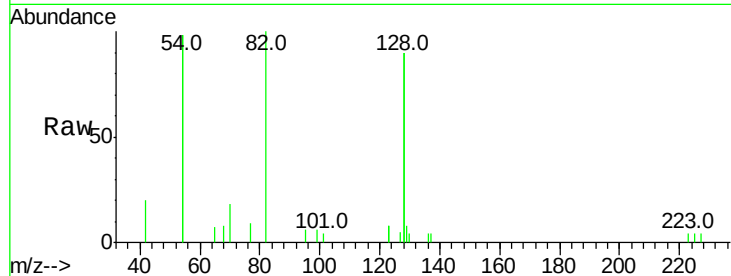
Tot Ion: 82 Resp: 3135

Ion Ratio Lower Upper

82 100

128 180.3 150.0 225.0

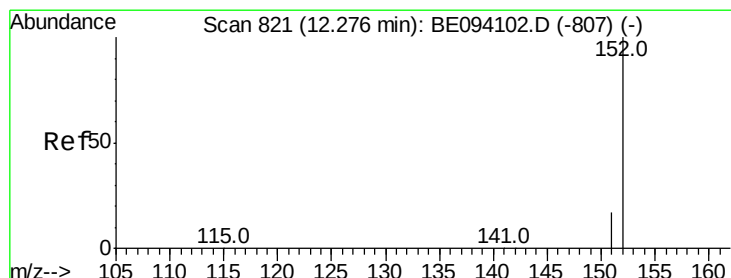
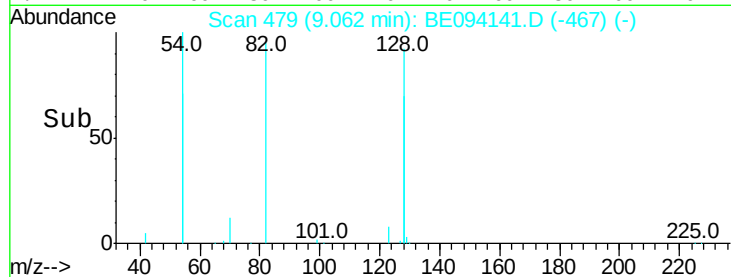
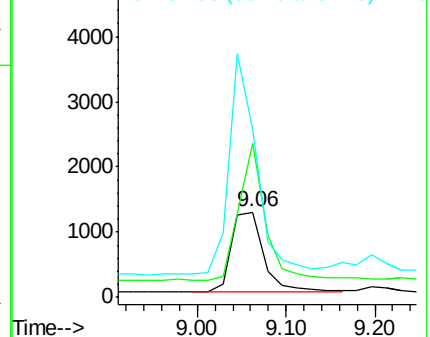
54 196.5 154.2 231.4



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: 0.427 ng

RT: 12.27 min Scan# 820

Delta R.T. -0.00 min

Lab File: BE094141.D

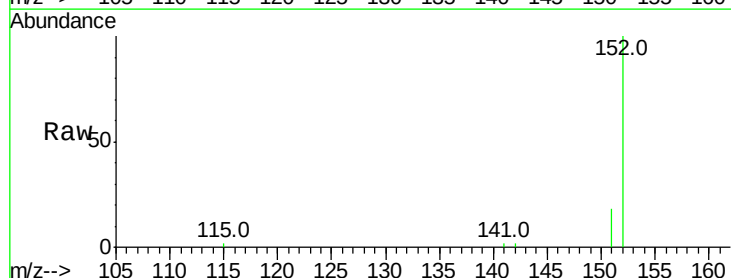
Acq: 28 Sep 2017 21:56

Tgt Ion: 152 Resp: 5937

Ion Ratio Lower Upper

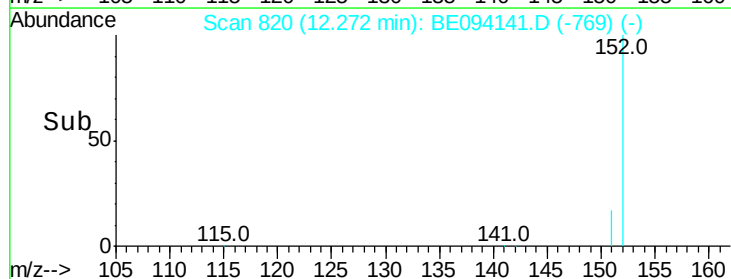
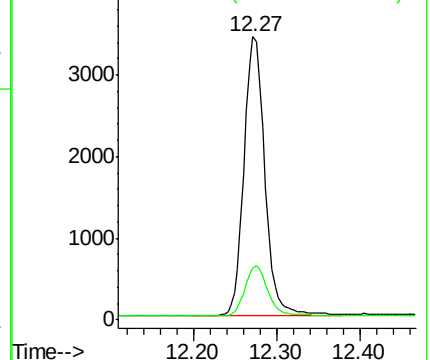
152 100

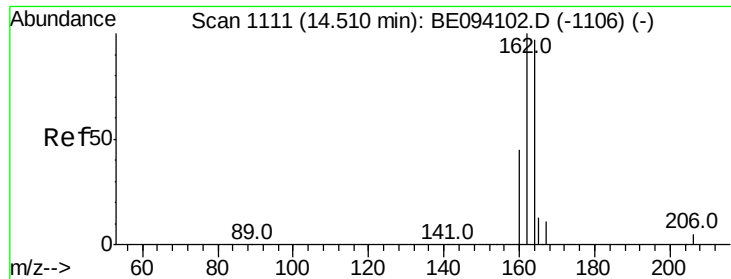
151 19.0 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

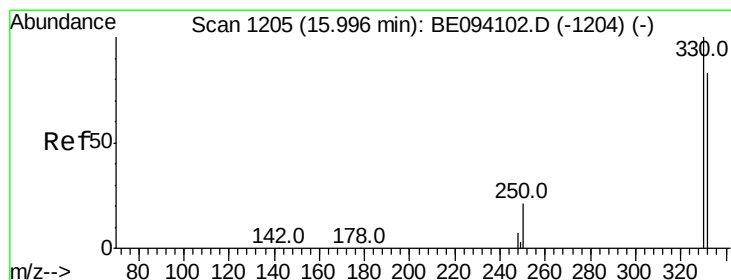
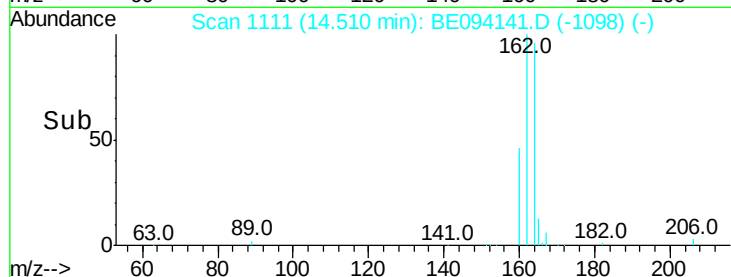
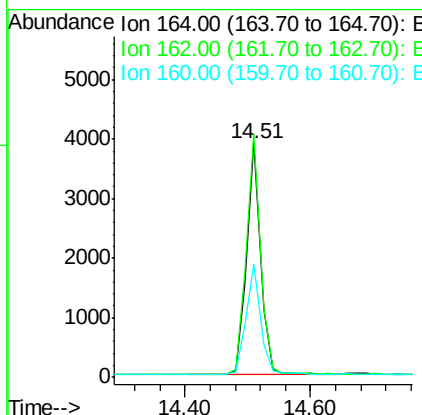
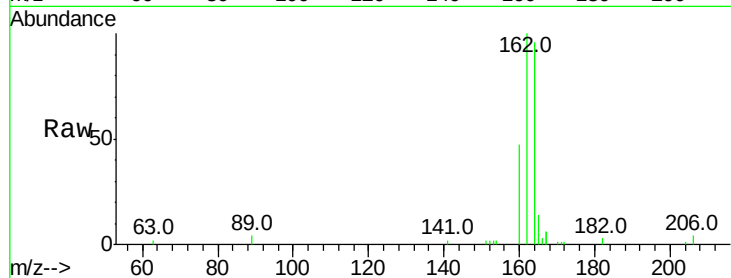




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE094141.D
Acq: 28 Sep 2017 21:56

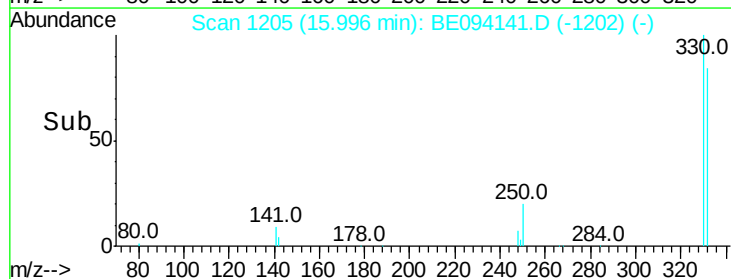
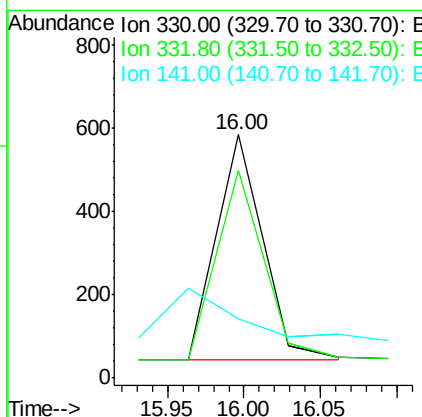
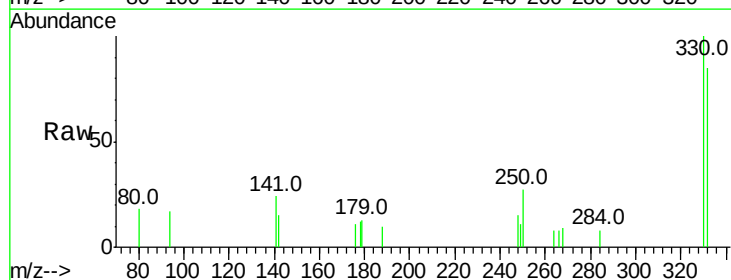
Instrument :
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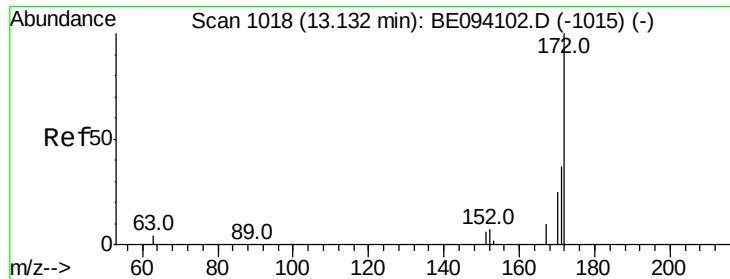
Tot Ion:164 Resp: 5943
Ion Ratio Lower Upper
164 100
162 103.8 83.1 124.7
160 48.3 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.324 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094141.D
Acq: 28 Sep 2017 21:56

Tgt Ion:330 Resp: 1130
Ion Ratio Lower Upper
330 100
332 86.5 152.7 229.1#
141 0.0 33.7 50.5#

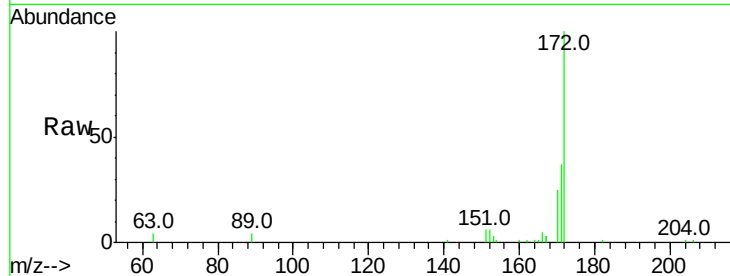




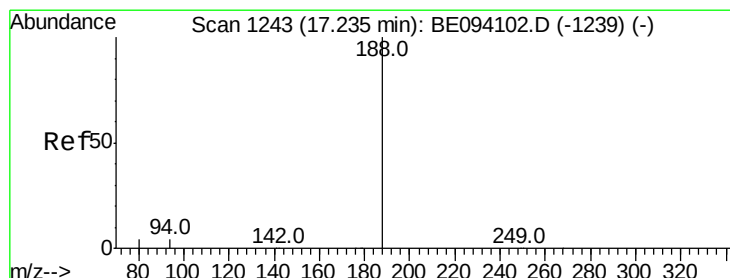
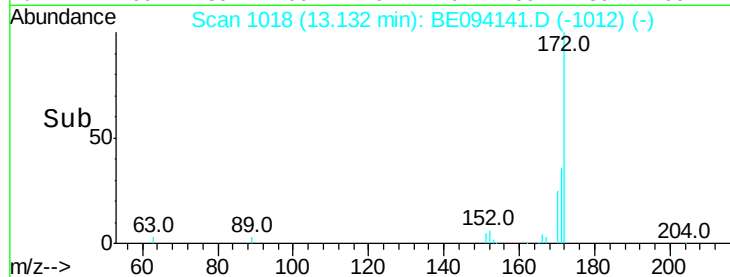
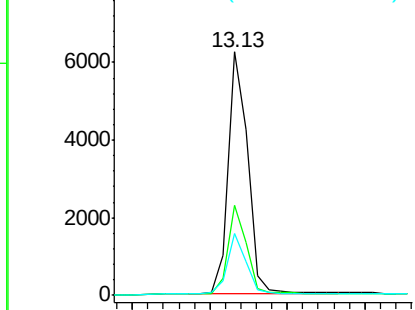
#15
2-Fluorobiphenyl
Concen: 0.550 ng
RT: 13.13 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BE094141.D
Acq: 28 Sep 2017 21:56

Instrument :
BNA_E
ClientSampleId :
TW-3_092717

Tot Ion:172 Resp: 10808
Ion Ratio Lower Upper
172 100
171 36.9 29.9 44.9
170 25.2 21.8 32.8

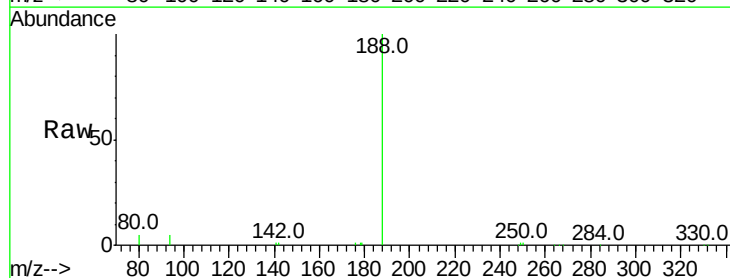


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

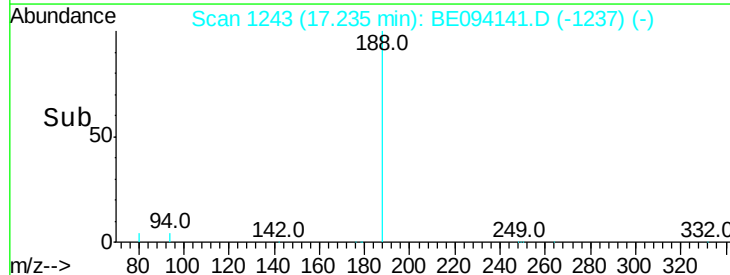
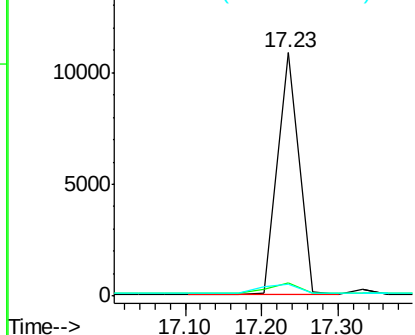


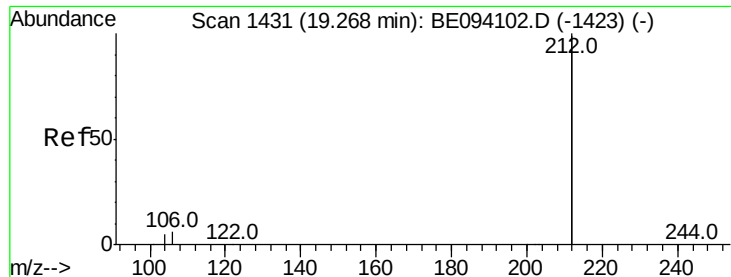
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE094141.D
Acq: 28 Sep 2017 21:56

Tgt Ion:188 Resp: 21618
Ion Ratio Lower Upper
188 100
94 5.3 3.9 5.9
80 4.8 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: 0.397 ng

RT: 19.27 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BE094141.D

Acq: 28 Sep 2017 21:56

Instrument :

BNA_E

ClientSampleId :

TW-3_092717

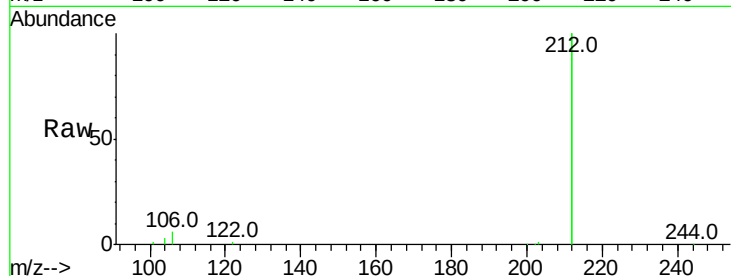
Tot Ion:212 Resp: 83077

Ion Ratio Lower Upper

212 100

106 3.6 2.8 4.2

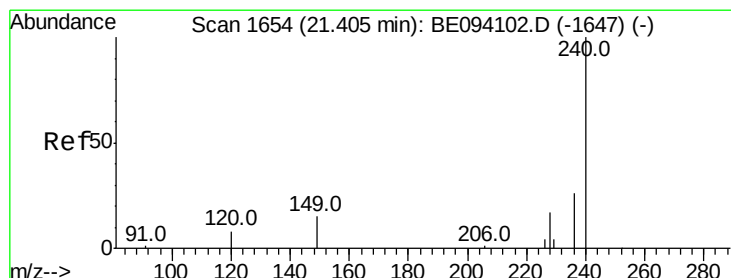
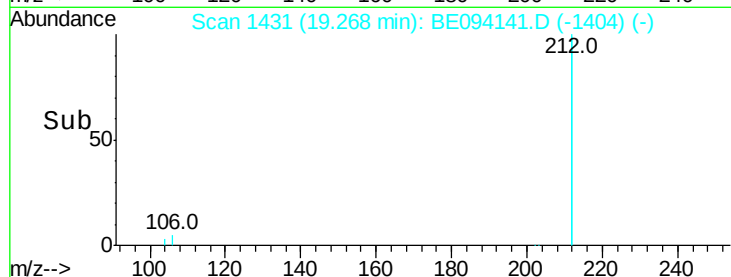
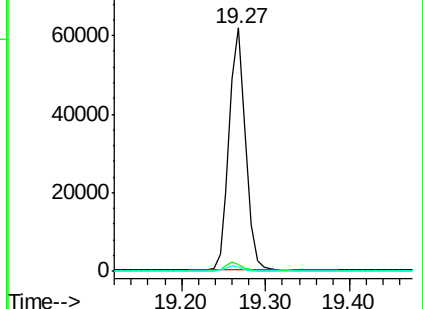
104 2.0 1.6 2.4



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: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE094141.D

Acq: 28 Sep 2017 21:56

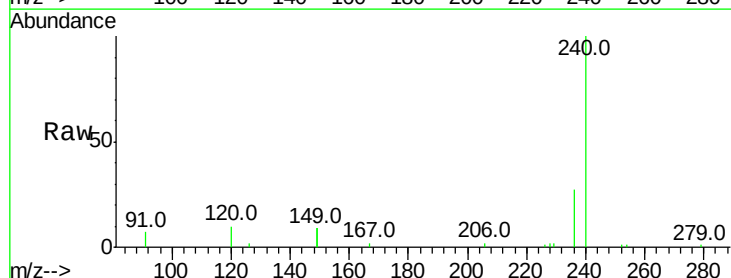
Tgt Ion:240 Resp: 17232

Ion Ratio Lower Upper

240 100

120 10.3 5.5 8.3#

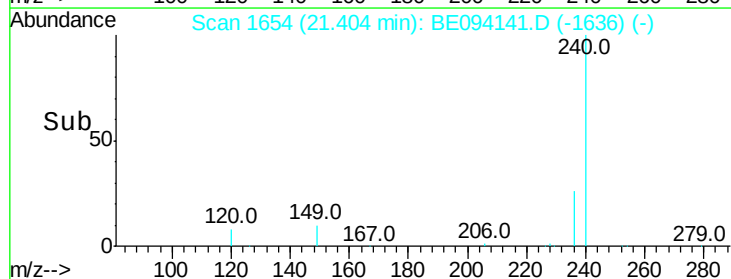
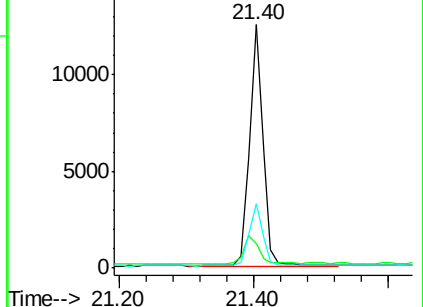
236 26.7 20.7 31.1

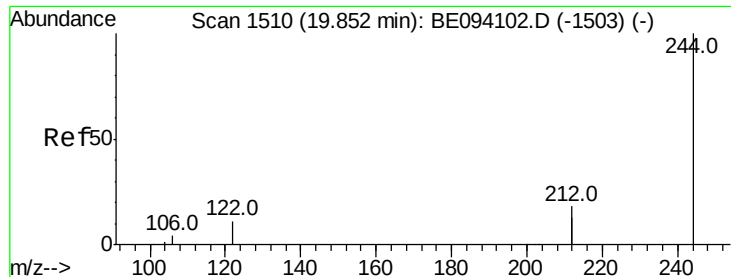


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.467 ng

RT: 19.85 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BE094141.D

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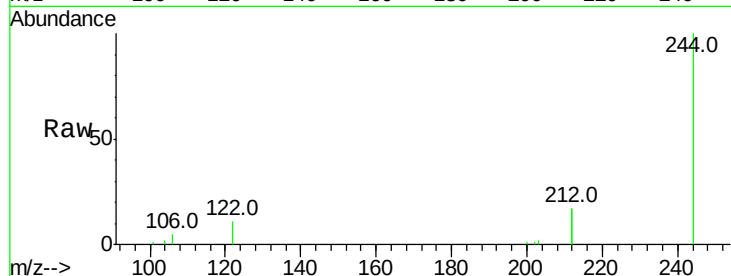
Tot Ion:244 Resp: 14697

Ion Ratio Lower Upper

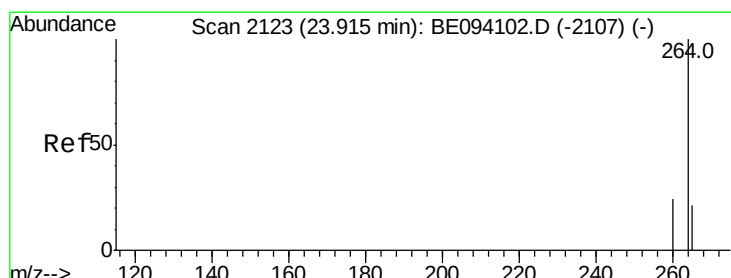
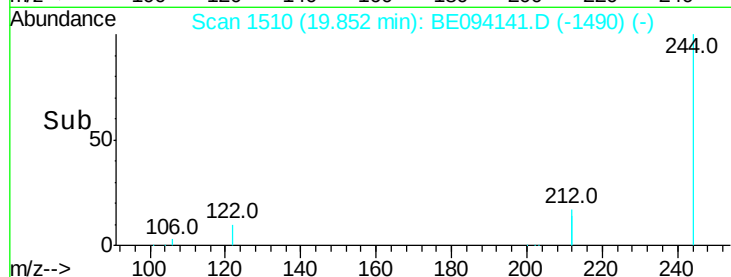
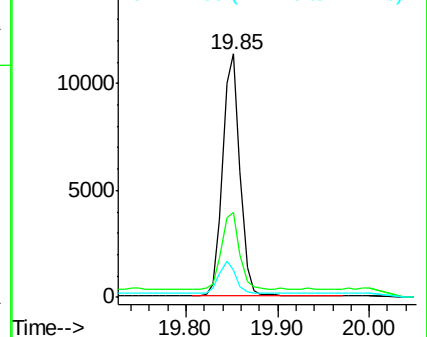
244 100

212 34.7 25.4 38.0

122 11.4 8.1 12.1



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.91 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BE094141.D

Acq: 28 Sep 2017 21:56

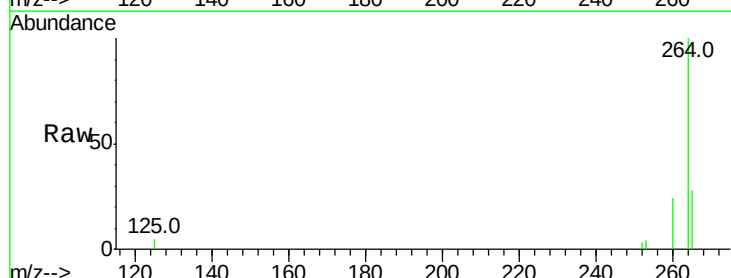
Tgt Ion:264 Resp: 16246

Ion Ratio Lower Upper

264 100

260 24.5 20.5 30.7

265 27.8 22.8 34.2



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

