

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
 Data File : BE100909.D
 Acq On : 14 Dec 2019 5:38
 Operator : JU
 Sample : K6251-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW203D2-20191207

Quant Time: Dec 14 06:17:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 13 10:42:38 2019
 Response via : Initial Calibration

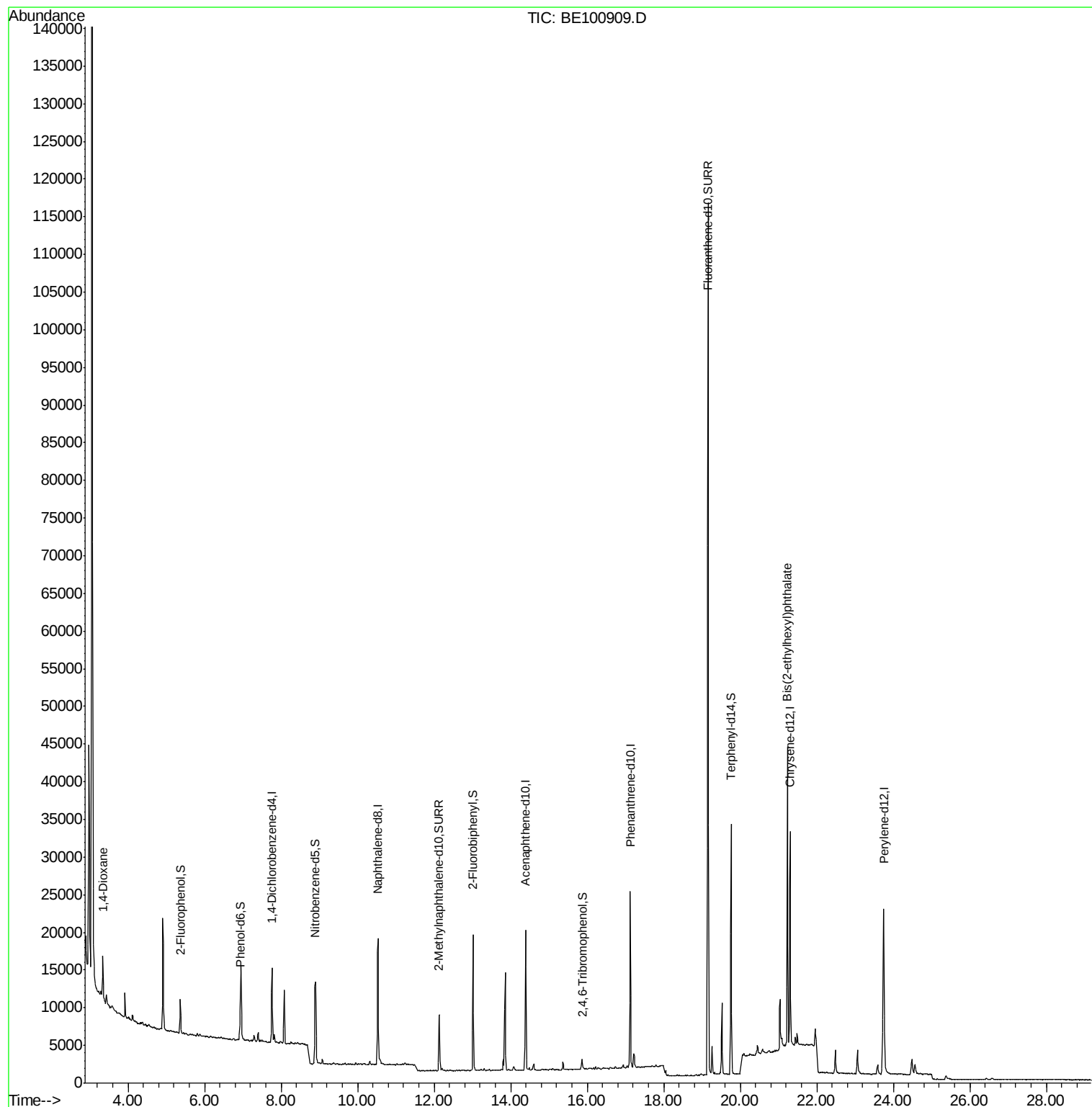
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4409	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	20156	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	11565	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	30393	0.40	ng	0.00
27) Chrysene-d12	21.31	240	29545	0.40	ng	0.00
34) Perylene-d12	23.75	264	33657	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	2081	0.20	ng	-0.01
5) Phenol-d6	6.93	99	2023	0.13	ng	0.00
8) Nitrobenzene-d5	8.90	82	5041	0.53	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	11534	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	15.88	330	835	0.65	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	15695	0.34	ng	0.00
25) Fluoranthene-d10	19.16	212	152545	0.42	ng	0.00
29) Terphenyl-d14	19.76	244	28757	0.41	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	3720	0.463	ng	Qvalue # 63
32) Bis(2-ethylhexyl)phthalate	21.23	149	42528	0.681	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 425

Delta R.T. 0.00 min

Lab File: BE100909.D

Acq: 14 Dec 2019 5:38

Instrument :

BNA_E

ClientSampleId :

MW203D2-20191207

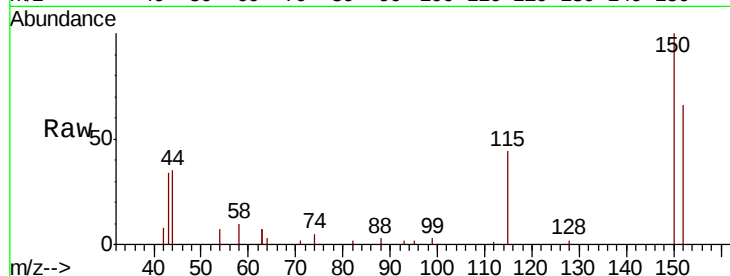
Tot Ion:152 Resp: 4409

Ion Ratio Lower Upper

152 100

150 152.6 125.5 188.3

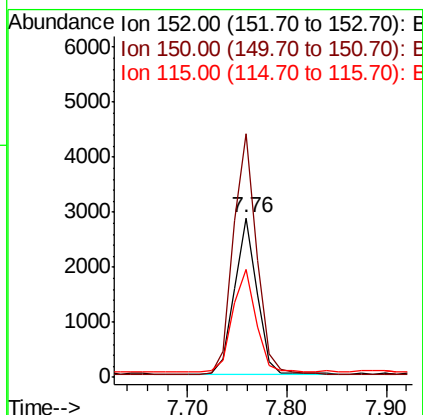
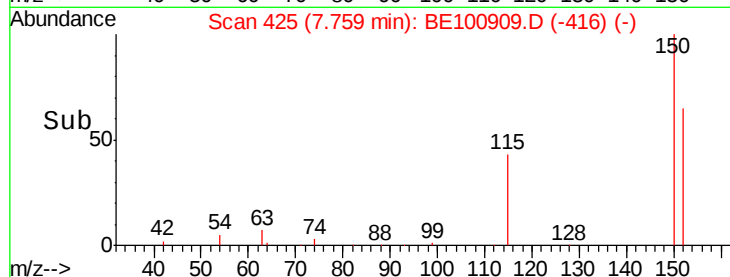
115 67.9 55.7 83.5



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



#2

1,4-Dioxane

Concen: 0.463 ng

RT: 3.34 min Scan# 41

Delta R.T. 0.00 min

Lab File: BE100909.D

Acq: 14 Dec 2019 5:38

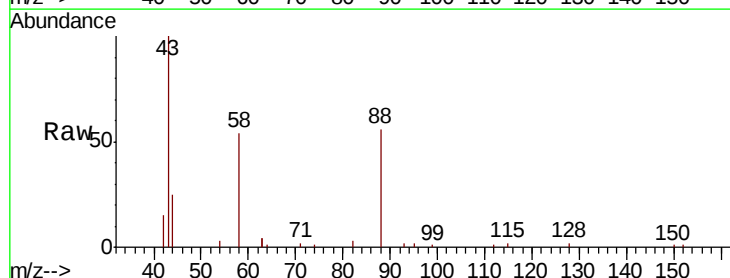
Tgt Ion: 88 Resp: 3720

Ion Ratio Lower Upper

88 100

58 80.3 52.3 78.5#

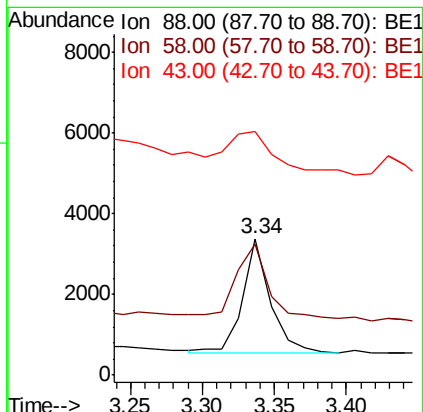
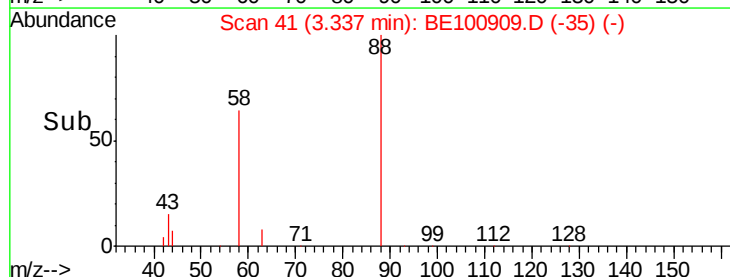
43 71.3 23.5 35.3#



Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.199 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100909.D

Acq: 14 Dec 2019 5:38

Instrument :

BNA_E

ClientSampleId :

MW203D2-20191207

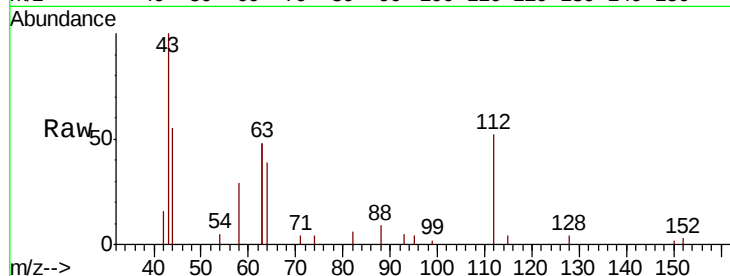
Tot Ion:112 Resp: 2081

Ion Ratio Lower Upper

112 100

64 66.4 54.5 81.7

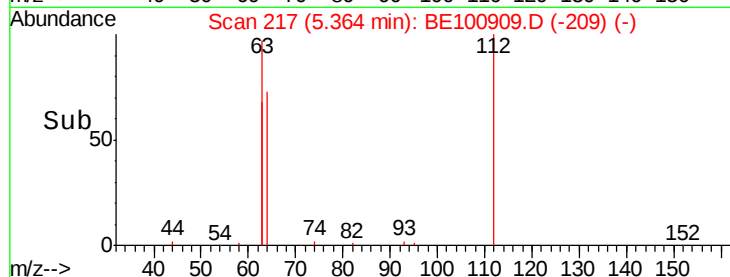
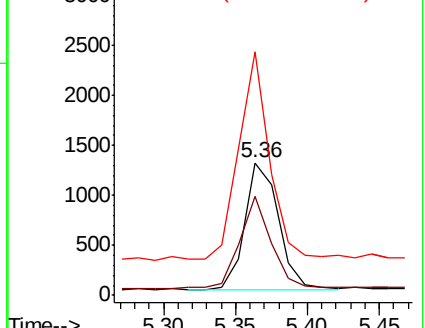
63 149.4 116.1 174.1



Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



#5

Phenol-d6

Concen: 0.128 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100909.D

Acq: 14 Dec 2019 5:38

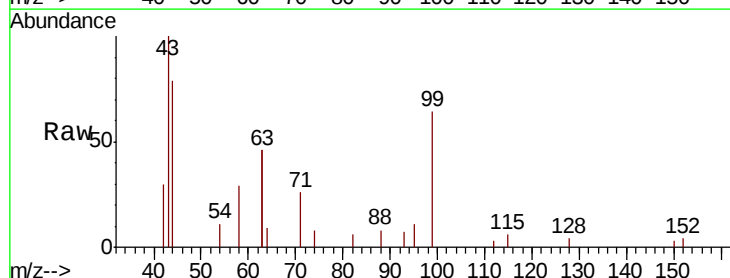
Tgt Ion: 99 Resp: 2023

Ion Ratio Lower Upper

99 100

42 46.1 18.2 27.2#

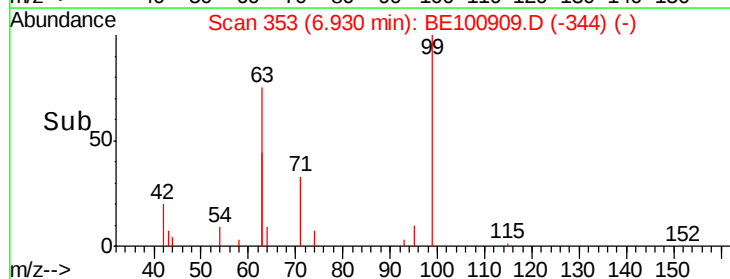
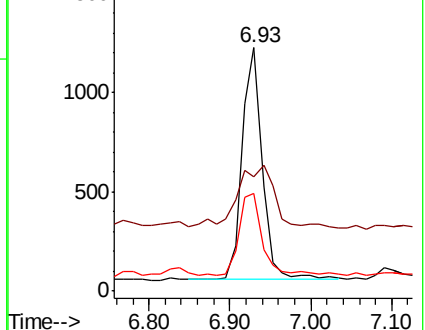
71 40.3 29.1 43.7



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. 0.00 min

Lab File: BE100909.D

Acq: 14 Dec 2019 5:38

Instrument :

BNA_E

ClientSampleId :

MW203D2-20191207

Tot Ion:136 Resp: 20156

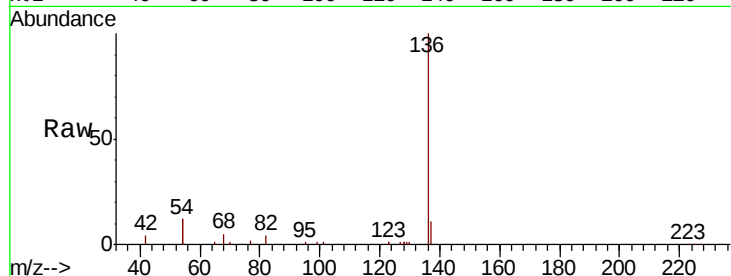
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 23.3 18.9 28.3

68 5.0 4.6 6.8

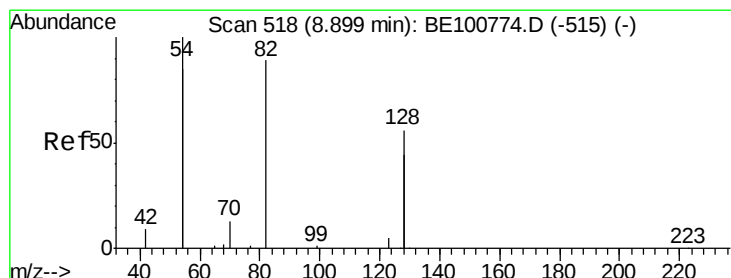
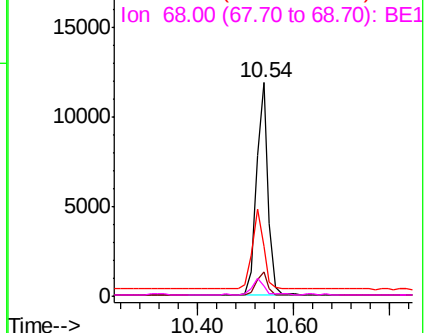
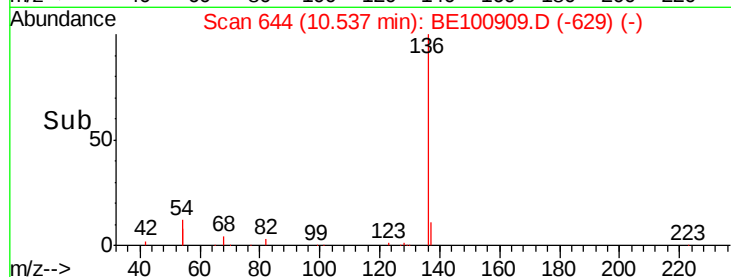


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.525 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100909.D

Acq: 14 Dec 2019 5:38

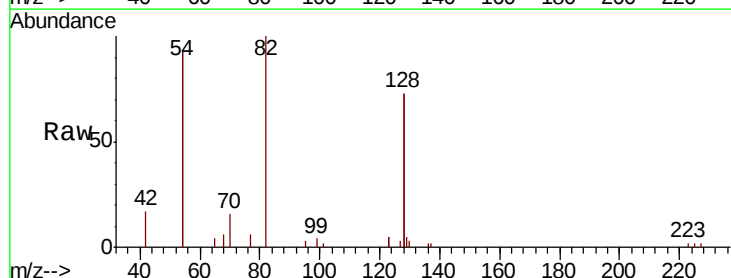
Tgt Ion: 82 Resp: 5041

Ion Ratio Lower Upper

82 100

128 146.5 113.5 170.3

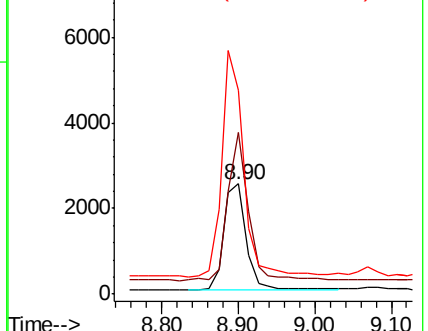
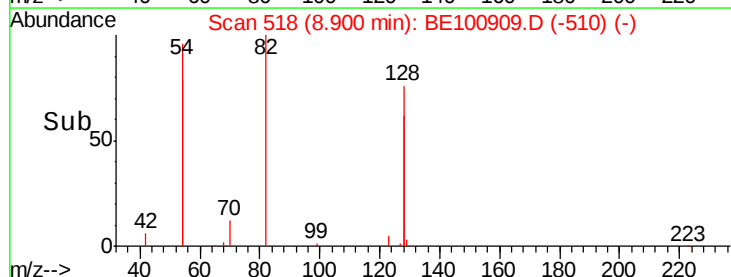
54 185.1 138.9 208.3



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.395 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.01 min

Lab File: BE100909.D

Acq: 14 Dec 2019 5:38

Instrument :

BNA_E

ClientSampleId :

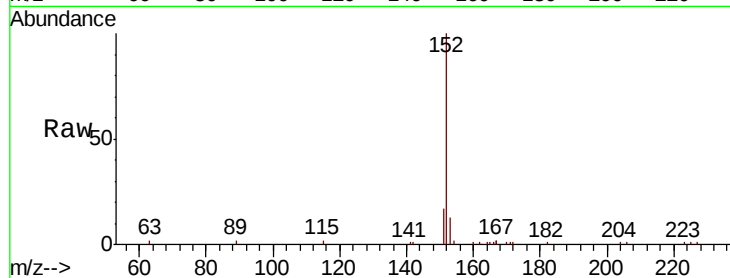
MW203D2-20191207

Tot Ion:152 Resp: 11534

Ion Ratio Lower Upper

152 100

151 19.8 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.12

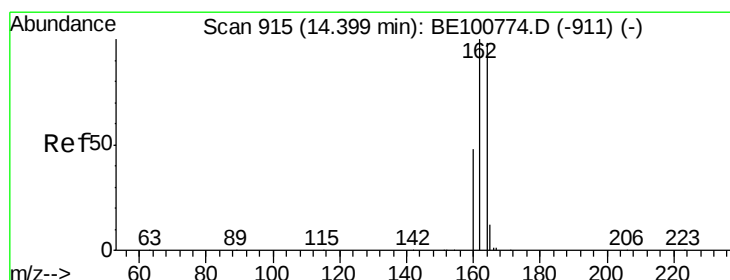
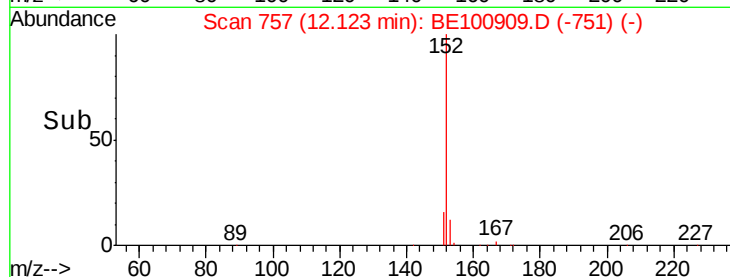
6000

4000

2000

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.39 min Scan# 914

Delta R.T. 0.00 min

Lab File: BE100909.D

Acq: 14 Dec 2019 5:38

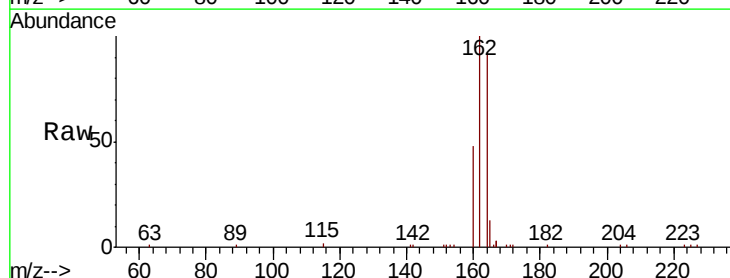
Tgt Ion:164 Resp: 11565

Ion Ratio Lower Upper

164 100

162 108.7 86.0 129.0

160 52.4 42.3 63.5



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

14.39

10000

8000

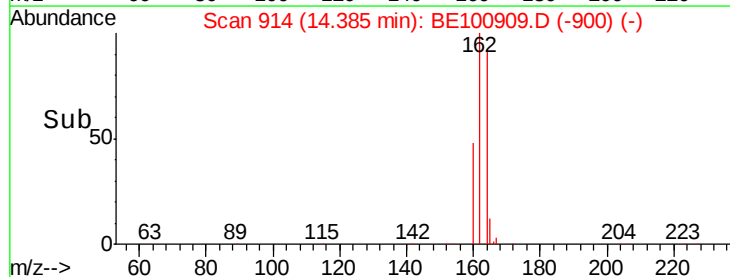
6000

4000

2000

0

Time-->

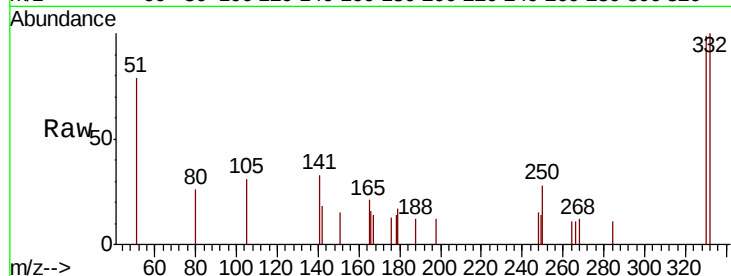




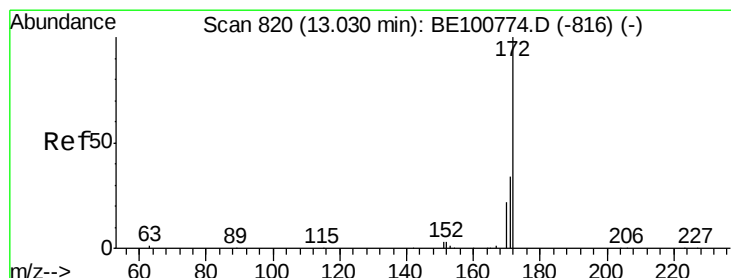
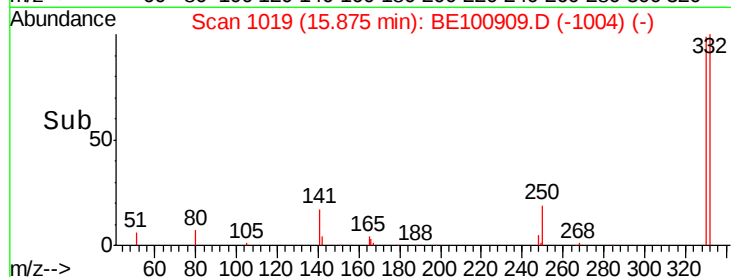
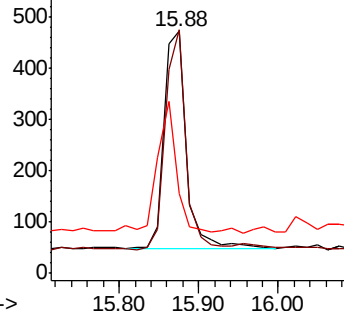
#14
2,4,6-Tribromophenol
Concen: 0.649 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100909.D
Acq: 14 Dec 2019 5:38

Instrument :
BNA_E
ClientSampleId :
MW203D2-20191207

Tot Ion:330 Resp: 835
Ion Ratio Lower Upper
330 100
332 91.4 74.1 111.1
141 49.6 46.7 70.1

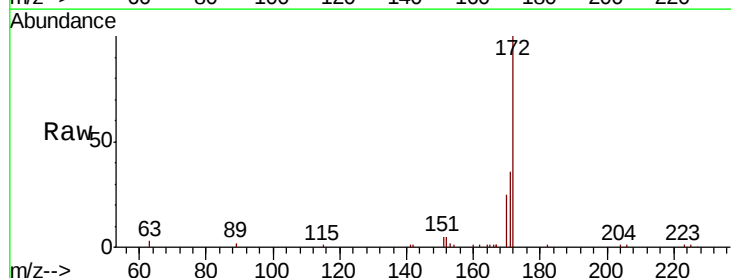


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

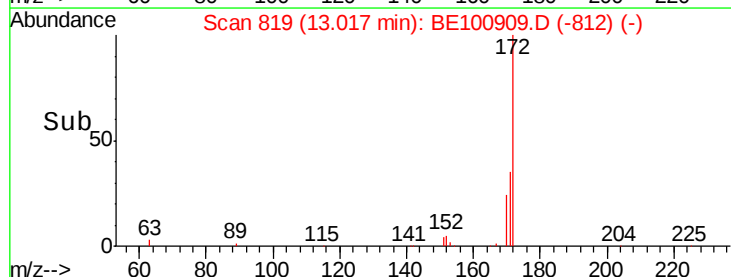
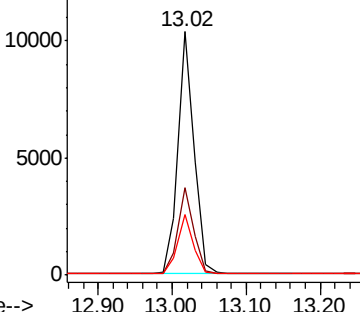


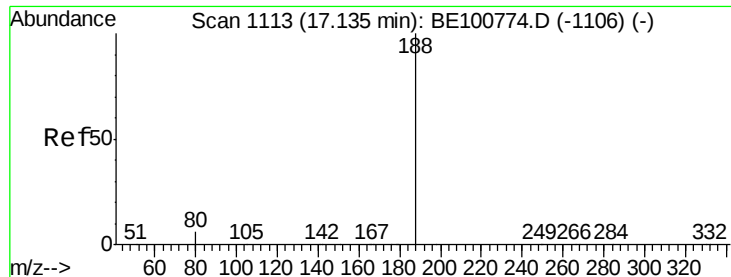
#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE100909.D
Acq: 14 Dec 2019 5:38

Tgt Ion:172 Resp: 15695
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 24.6 19.4 29.0



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: 17.12 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BE100909.D

Acq: 14 Dec 2019 5:38

Instrument :

BNA_E

ClientSampleId :

MW203D2-20191207

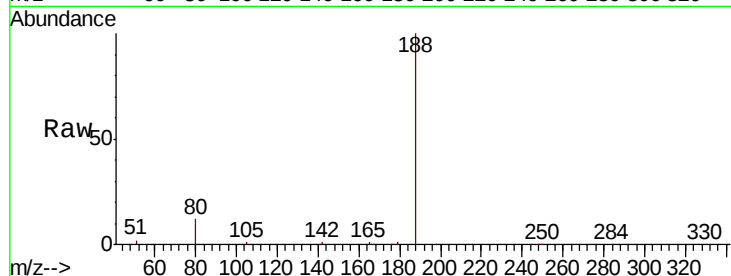
Tot Ion:188 Resp: 30393

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

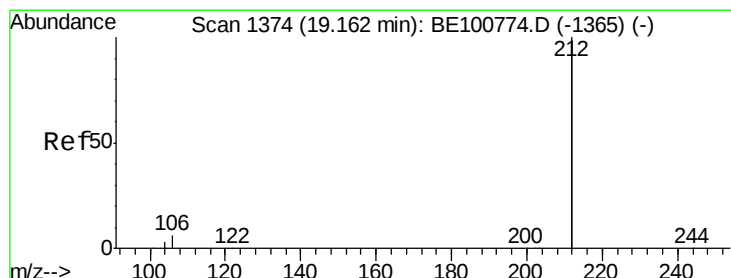
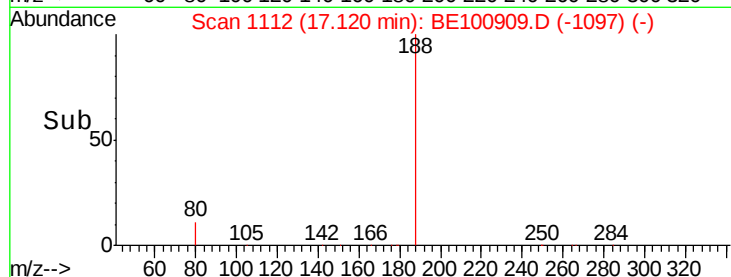
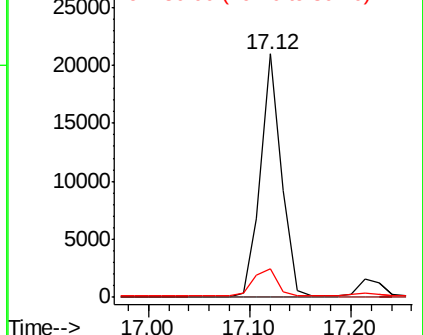
80 11.7 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#25

Fluoranthene-d10

Concen: 0.425 ng

RT: 19.16 min Scan# 1373

Delta R.T. 0.01 min

Lab File: BE100909.D

Acq: 14 Dec 2019 5:38

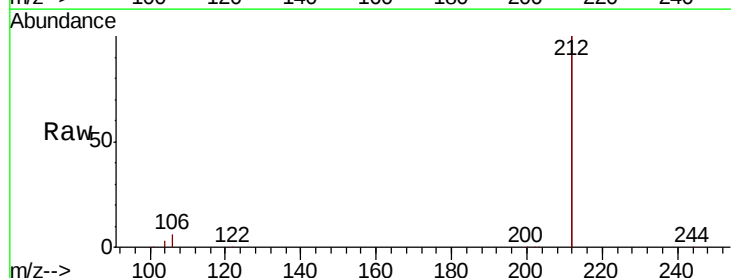
Tgt Ion:212 Resp: 152545

Ion Ratio Lower Upper

212 100

106 3.3 2.6 4.0

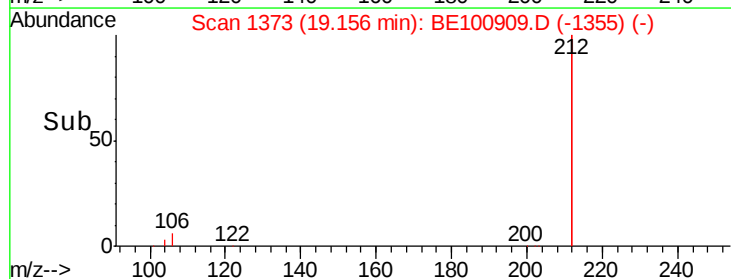
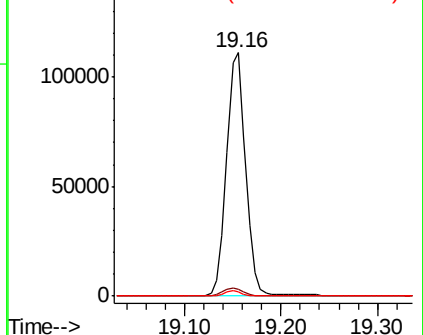
104 1.9 1.4 2.2



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: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE100909.D

Acq: 14 Dec 2019 5:38

Instrument :

BNA_E

ClientSampleId :

MW203D2-20191207

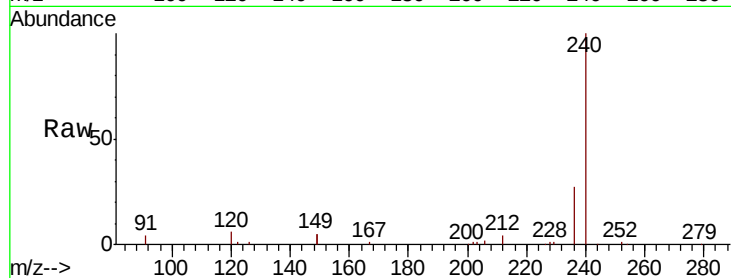
Tot Ion:240 Resp: 29545

Ion Ratio Lower Upper

240 100

120 6.2 4.0 6.0#

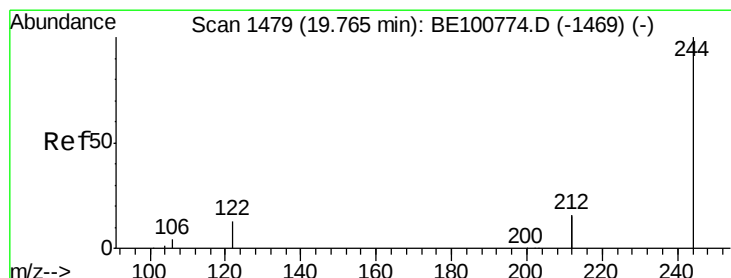
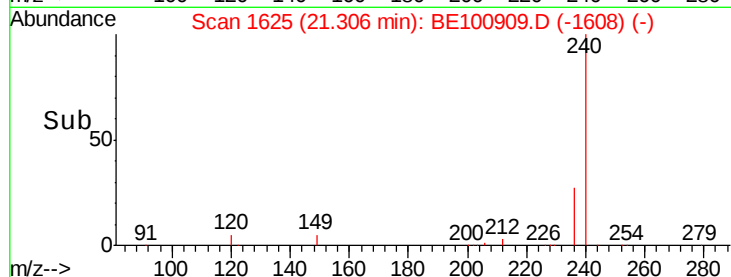
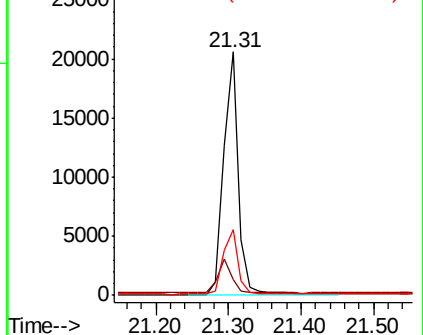
236 27.1 21.6 32.4



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: 0.406 ng

RT: 19.76 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE100909.D

Acq: 14 Dec 2019 5:38

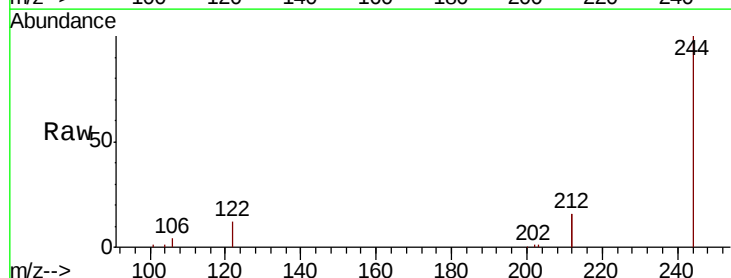
Tgt Ion:244 Resp: 28757

Ion Ratio Lower Upper

244 100

212 31.8 25.2 37.8

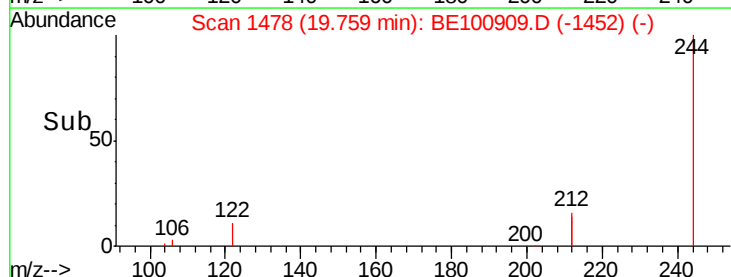
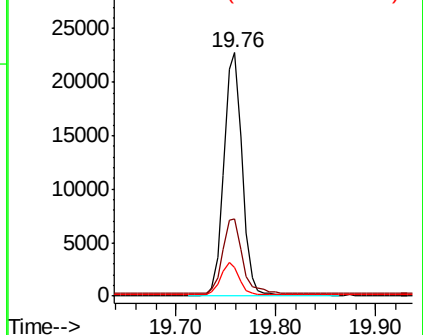
122 11.7 8.9 13.3

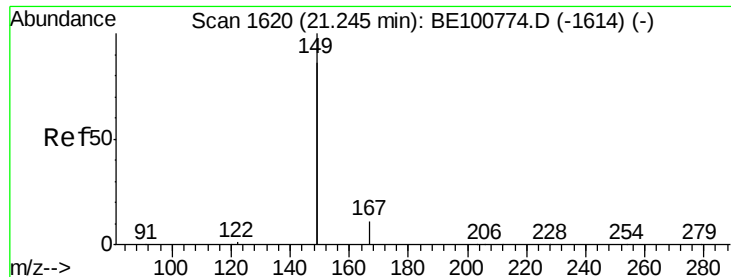


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.681 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BE100909.D

Acq: 14 Dec 2019 5:38

Instrument :

BNA_E

ClientSampleId :

MW203D2-20191207

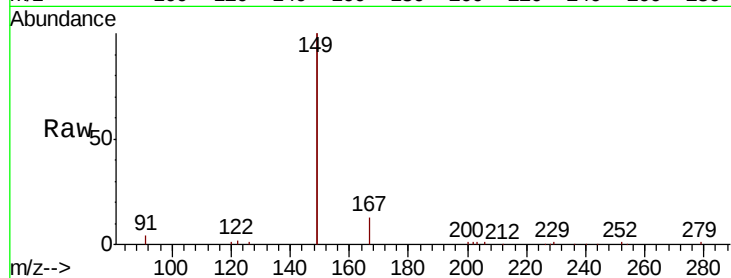
Tot Ion:149 Resp: 42528

Ion Ratio Lower Upper

149 100

167 6.6 5.0 7.4

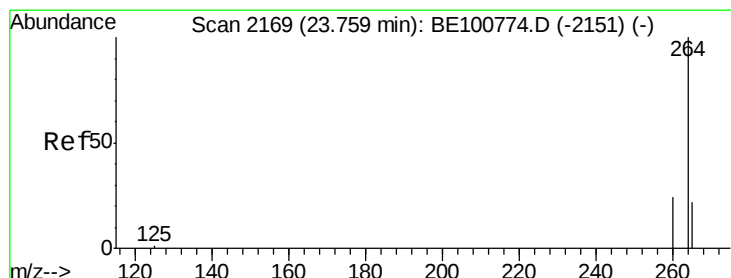
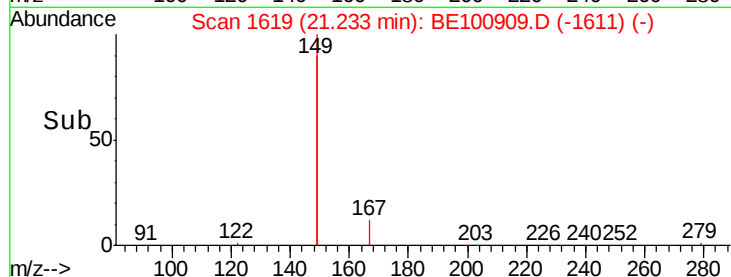
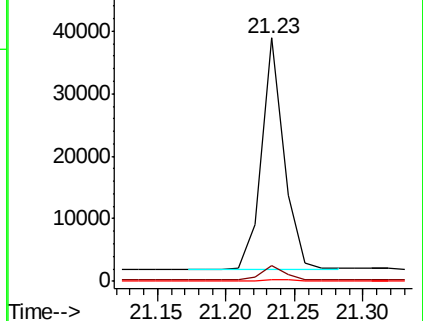
279 0.8 0.6 1.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.75 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BE100909.D

Acq: 14 Dec 2019 5:38

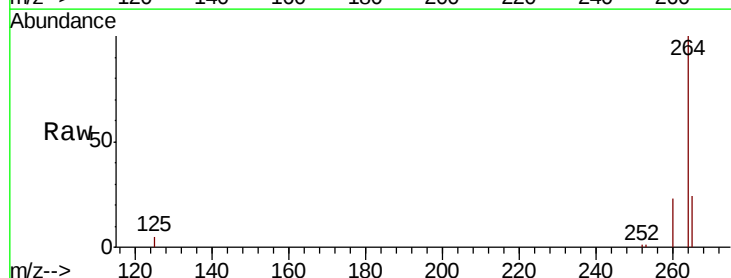
Tgt Ion:264 Resp: 33657

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

265 24.2 20.1 30.1



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

