

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112219\
 Data File : BE100758.D
 Acq On : 22 Nov 2019 14:31
 Operator : JU
 Sample : PB125011BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB125011BL

Quant Time: Nov 22 15:31:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 22 06:40:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	5804	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	24380	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	11073	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	26777	0.40	ng	0.00
27) Chrysene-d12	21.32	240	24779	0.40	ng	0.00
34) Perylene-d12	23.77	264	6828	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.38	112	3923	0.25	ng	0.00
5) Phenol-d6	6.93	99	3962	0.17	ng	0.00
8) Nitrobenzene-d5	8.90	82	4131	0.53	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	12900	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	822	0.53	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	21432	0.50	ng	0.00
25) Fluoranthene-d10	19.17	212	116080	0.35	ng	0.00
29) Terphenyl-d14	19.77	244	28973	0.51	ng	0.00

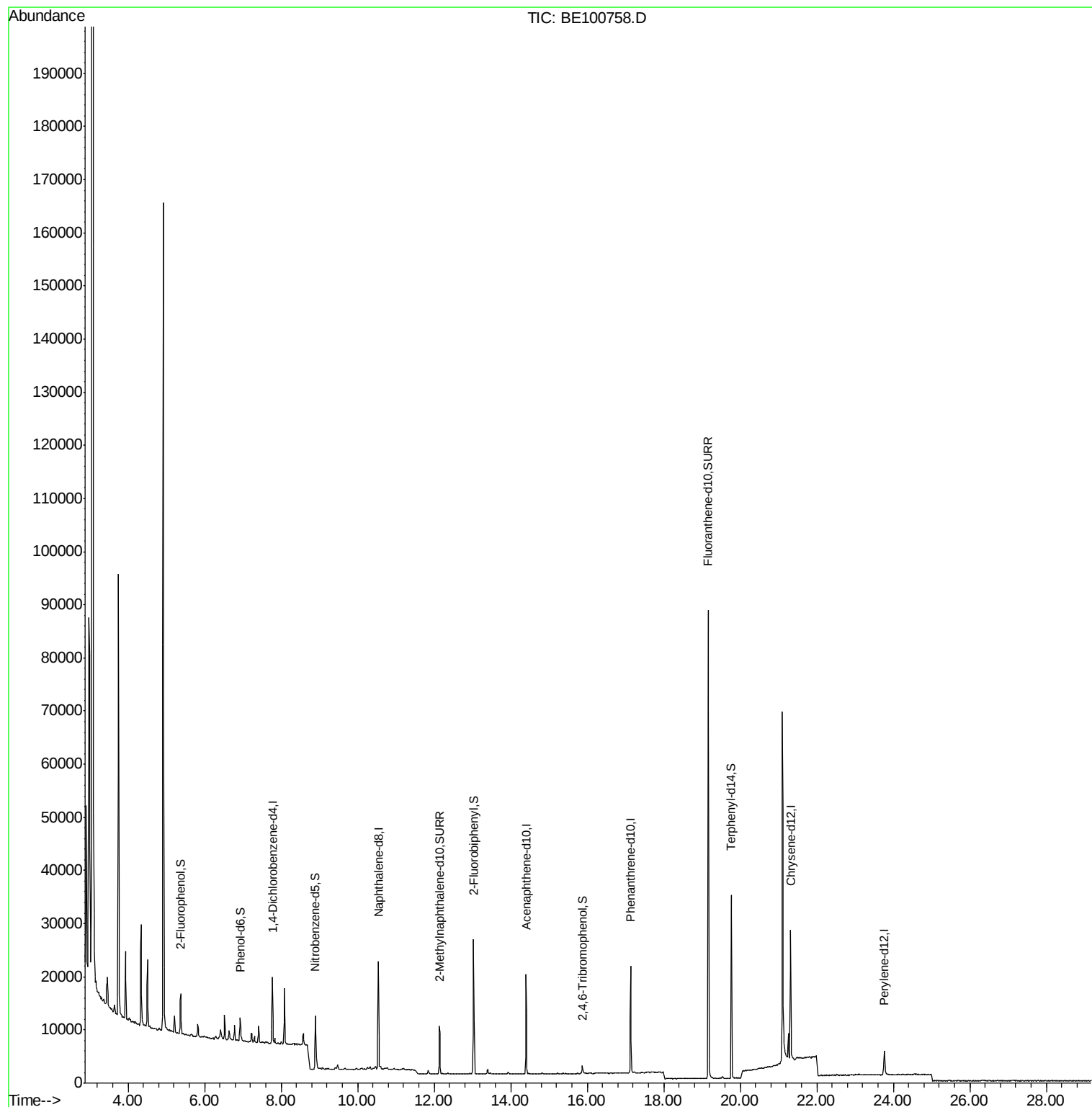
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 22 06:40:44 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.77 min Scan# 426

Delta R.T. 0.00 min

Lab File: BE100758.D

Acq: 22 Nov 2019 14:31

Instrument :

BNA_E

ClientSampleId :

PB125011BL

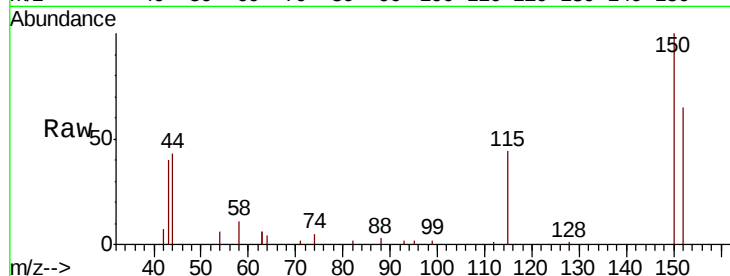
Tot Ion:152 Resp: 5804

Ion Ratio Lower Upper

152 100

150 153.1 127.1 190.7

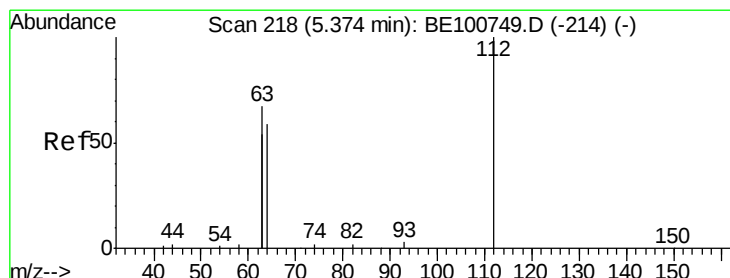
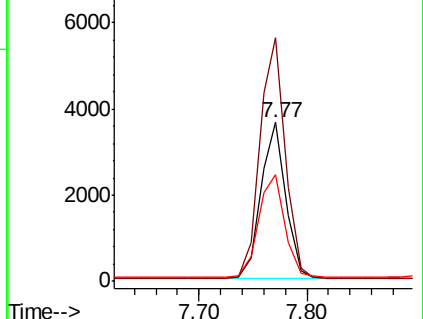
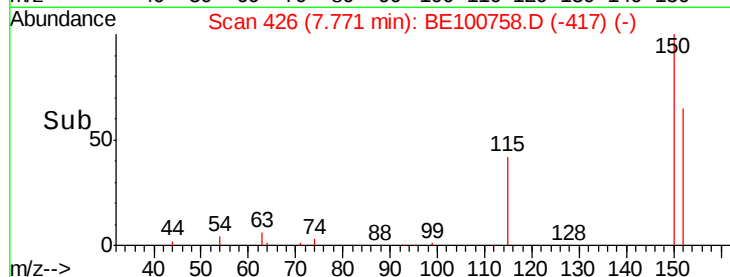
115 66.8 53.0 79.4



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: 0.250 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100758.D

Acq: 22 Nov 2019 14:31

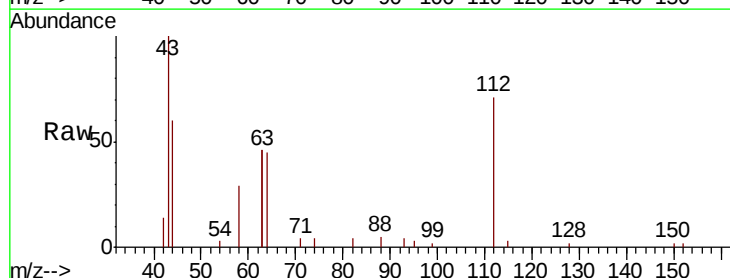
Tgt Ion:112 Resp: 3923

Ion Ratio Lower Upper

112 100

64 66.3 54.3 81.5

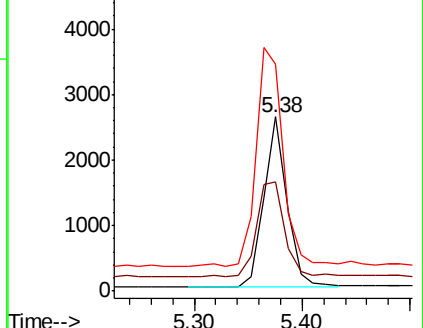
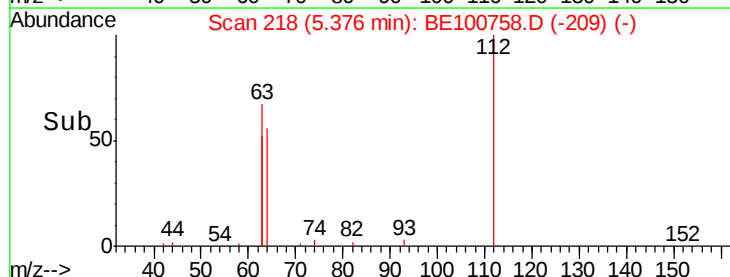
63 147.3 114.0 171.0

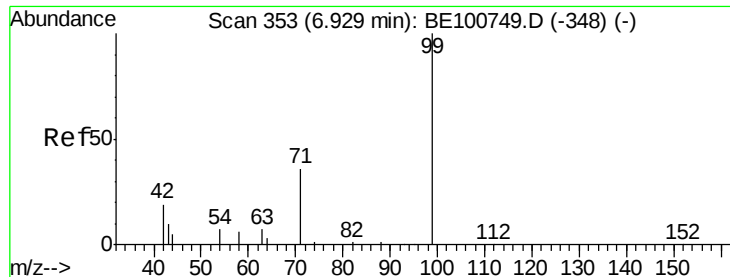


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.174 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100758.D

Acq: 22 Nov 2019 14:31

Instrument :

BNA_E

ClientSampleId :

PB125011BL

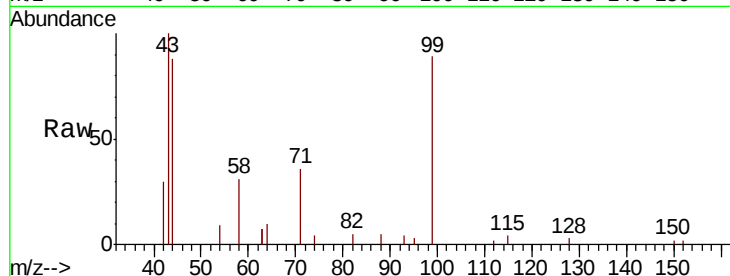
Tot Ion: 99 Resp: 3962

Ion Ratio Lower Upper

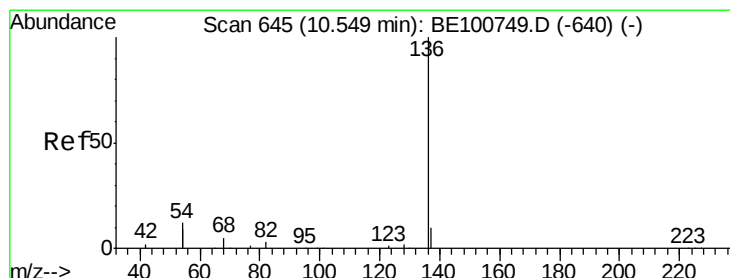
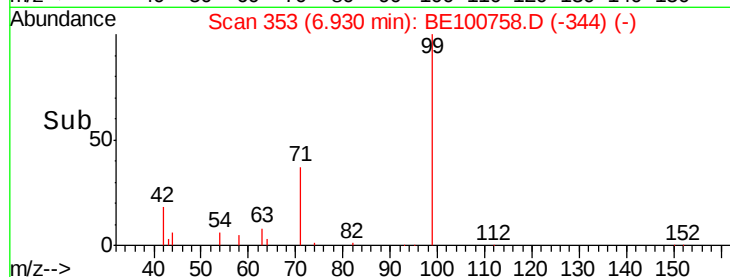
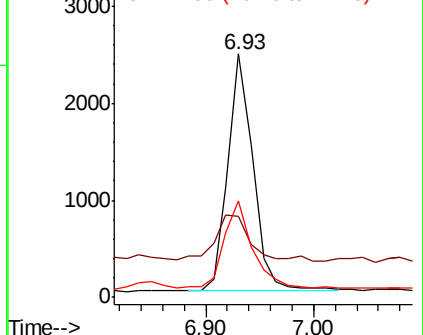
99 100

42 28.1 17.9 26.9#

71 40.8 29.3 43.9



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: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE100758.D

Acq: 22 Nov 2019 14:31

Tgt Ion: 136 Resp: 24380

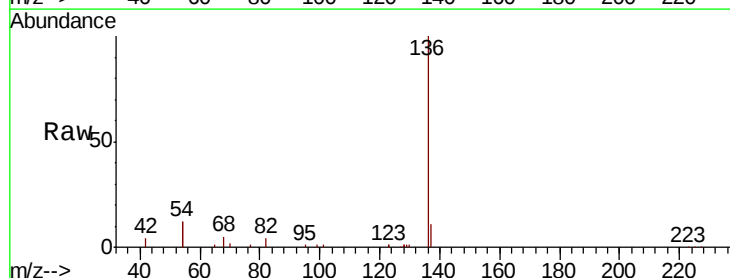
Ion Ratio Lower Upper

136 100

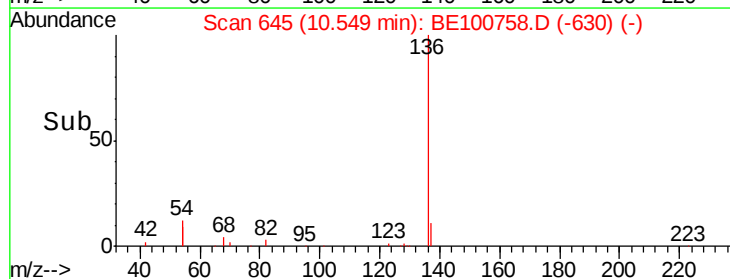
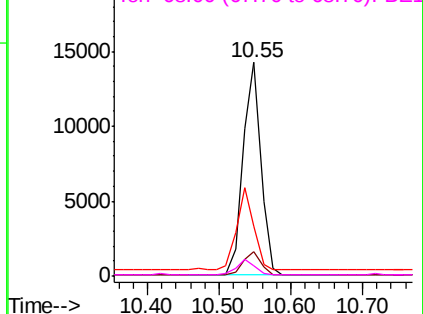
137 11.4 8.6 12.8

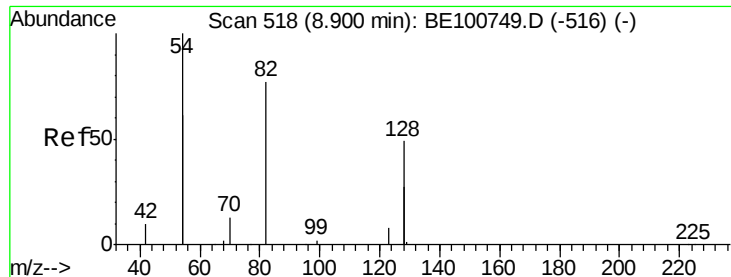
54 23.2 19.4 29.0

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: 0.529 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100758.D

Acq: 22 Nov 2019 14:31

Instrument :

BNA_E

ClientSampleId :

PB125011BL

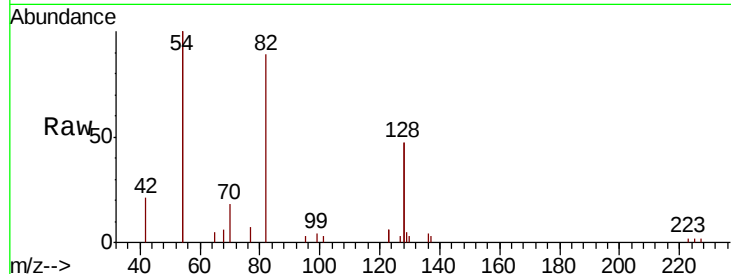
Tot Ion: 82 Resp: 4131

Ion Ratio Lower Upper

82 100

128 104.8 90.2 135.4

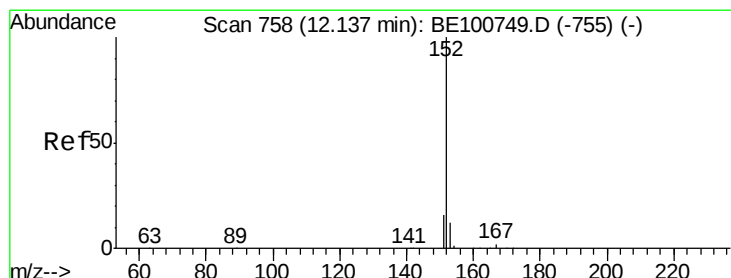
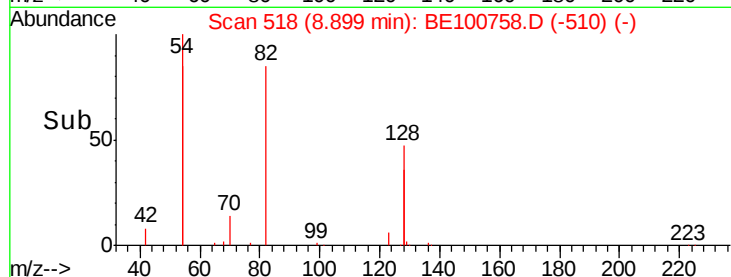
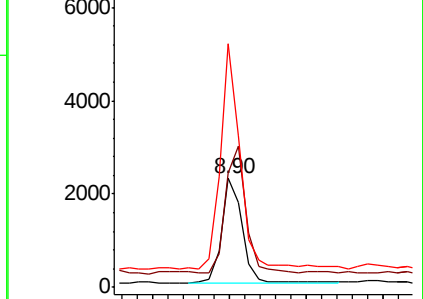
54 223.7 186.0 279.0



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.361 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE100758.D

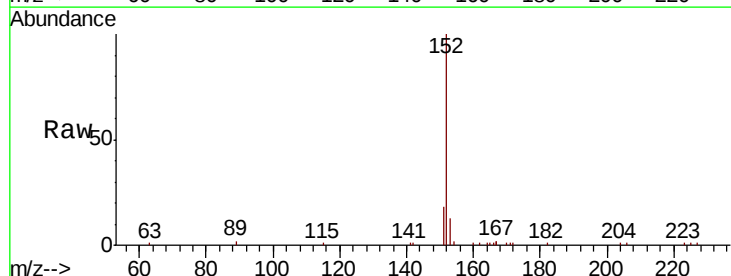
Acq: 22 Nov 2019 14:31

Tgt Ion: 152 Resp: 12900

Ion Ratio Lower Upper

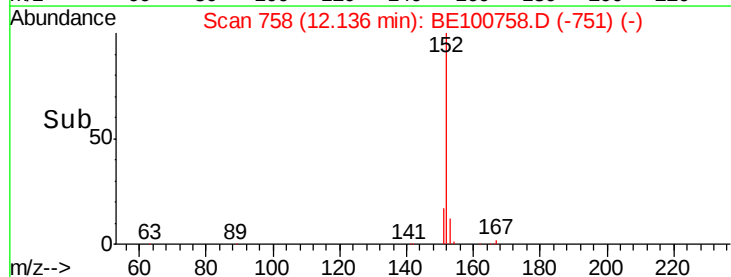
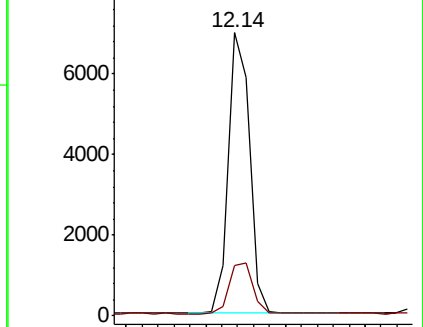
152 100

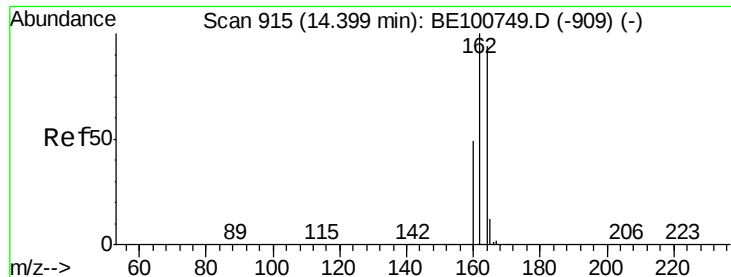
151 20.1 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

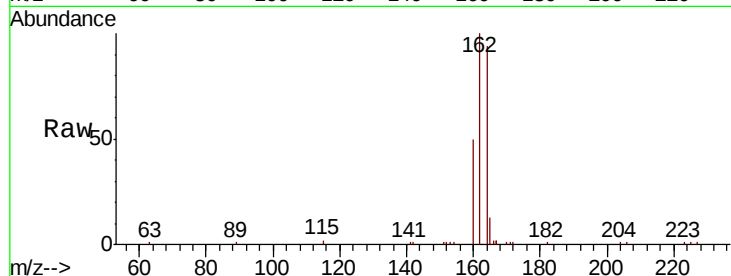




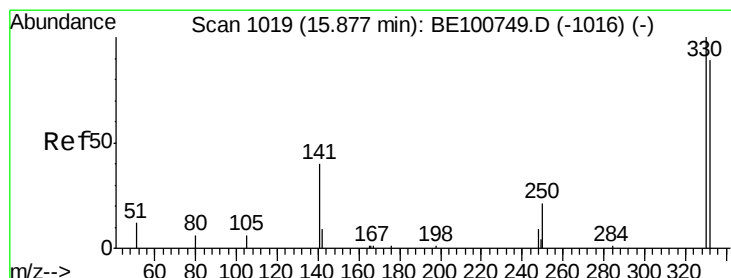
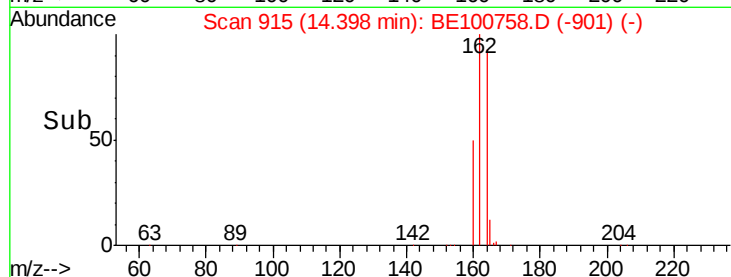
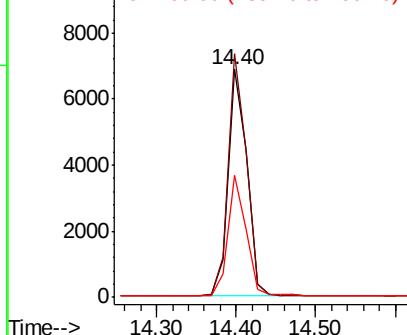
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.00 min
Lab File: BE100758.D
Acq: 22 Nov 2019 14:31

Instrument :
BNA_E
ClientSampleId :
PB125011BL

Tot Ion:164 Resp: 11073
Ion Ratio Lower Upper
164 100
162 106.9 84.8 127.2
160 53.6 42.3 63.5

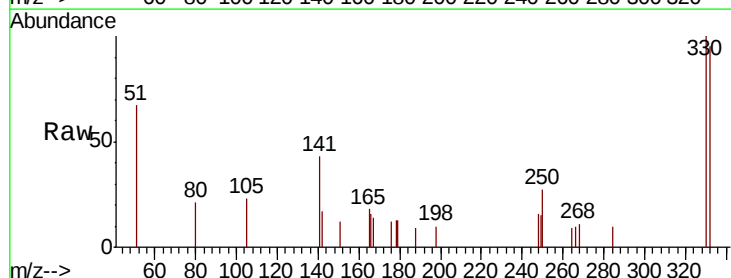


Abundance Ion 164.00 (163.70 to 164.70): E
10000 Ion 162.00 (161.70 to 162.70): E
8000 Ion 160.00 (159.70 to 160.70): E

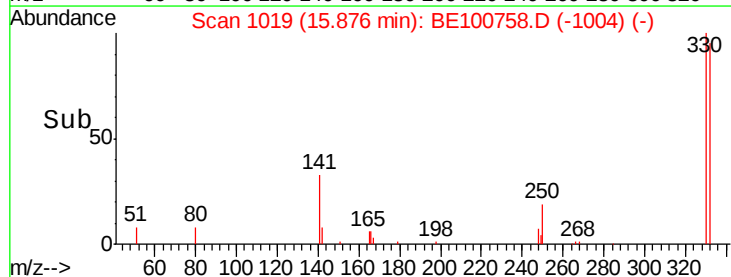
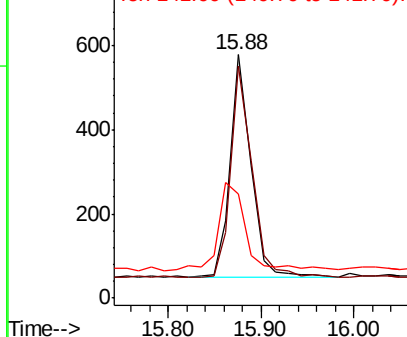


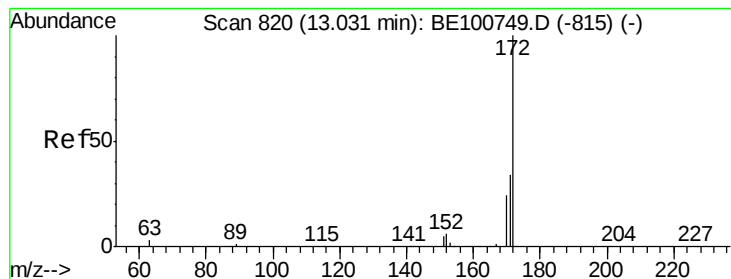
#14
2,4,6-Tribromophenol
Concen: 0.527 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100758.D
Acq: 22 Nov 2019 14:31

Tgt Ion:330 Resp: 822
Ion Ratio Lower Upper
330 100
332 97.6 79.3 118.9
141 53.3 43.8 65.6



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





#15

2-Fluorobiphenyl

Concen: 0.498 ng

RT: 13.03 min Scan# 820

Delta R.T. -0.00 min

Lab File: BE100758.D

Acq: 22 Nov 2019 14:31

Instrument :

BNA_E

ClientSampleId :

PB125011BL

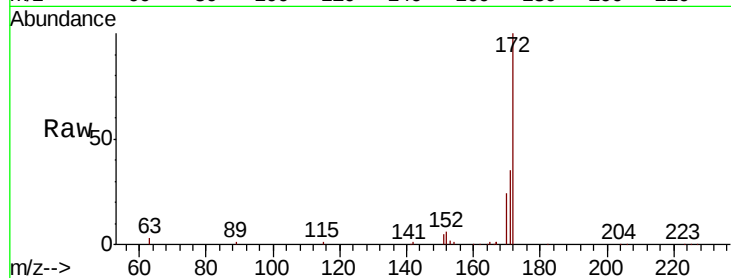
Tot Ion:172 Resp: 21432

Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.6

170 24.3 19.4 29.2

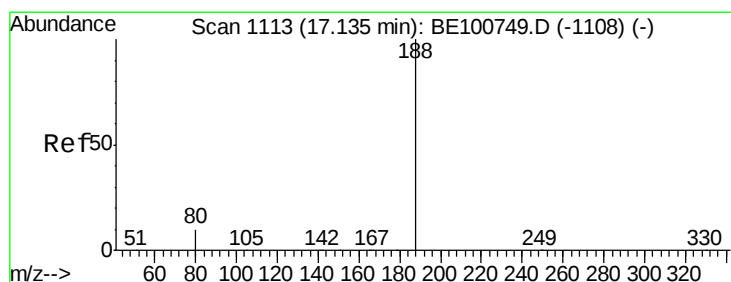
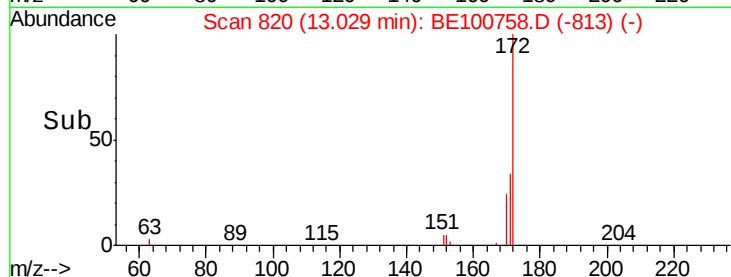
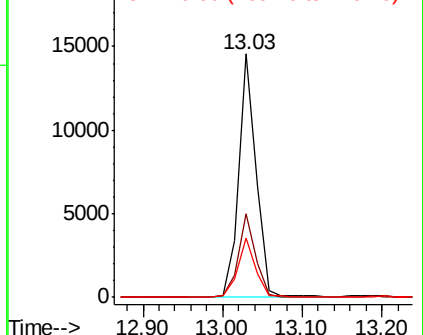


Abundance

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: 17.13 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BE100758.D

Acq: 22 Nov 2019 14:31

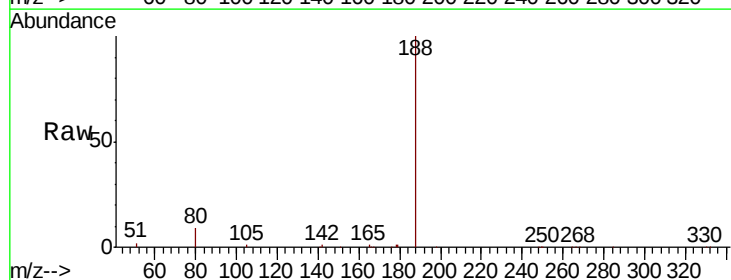
Tgt Ion:188 Resp: 26777

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.2 8.2 12.2

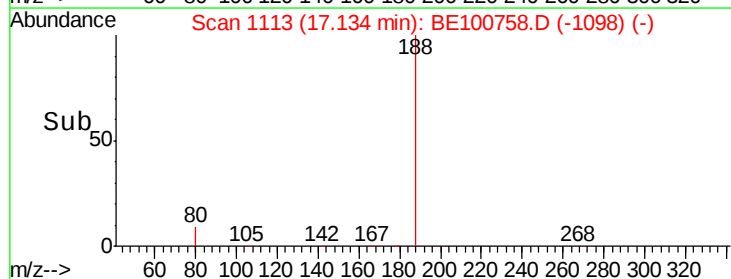
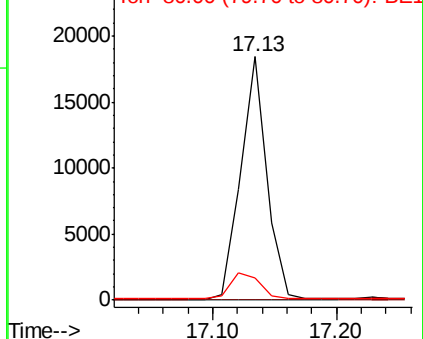


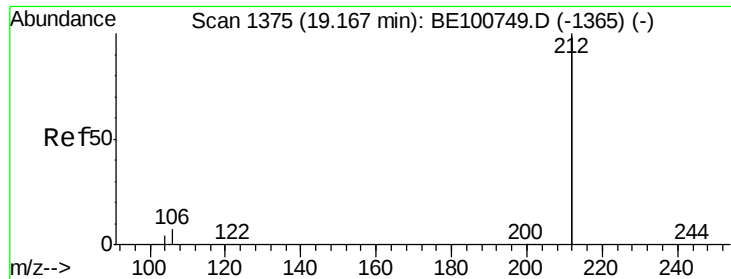
Abundance

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: 0.354 ng

RT: 19.17 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE100758.D

Acq: 22 Nov 2019 14:31

Instrument :

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ClientSampleId :

PB125011BL

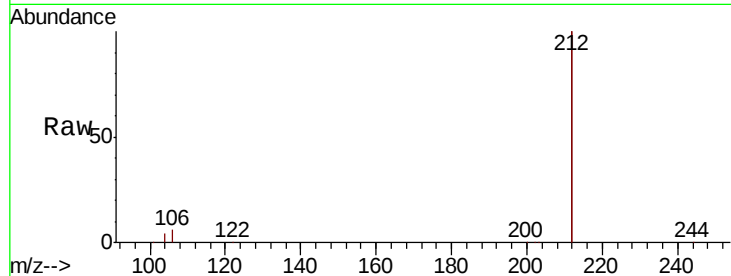
Tot Ion:212 Resp: 116080

Ion Ratio Lower Upper

212 100

106 3.3 2.6 4.0

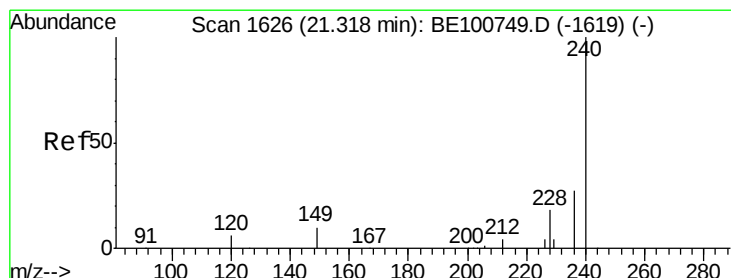
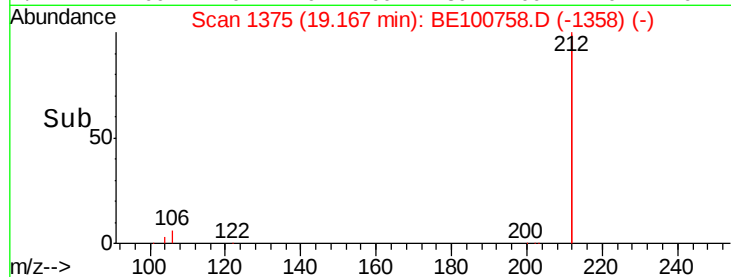
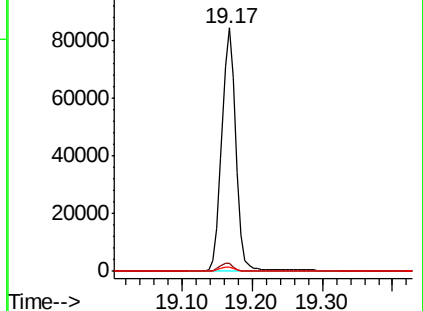
104 1.8 1.5 2.3



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: 21.32 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE100758.D

Acq: 22 Nov 2019 14:31

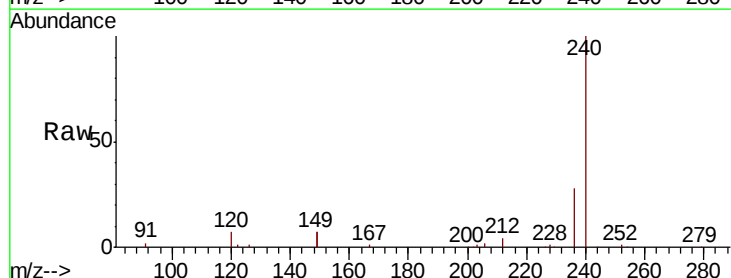
Tgt Ion:240 Resp: 24779

Ion Ratio Lower Upper

240 100

120 6.7 5.8 8.8

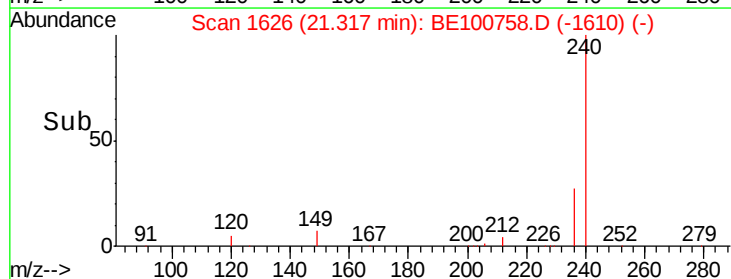
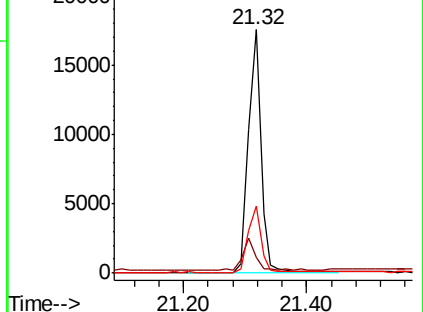
236 27.6 21.9 32.9

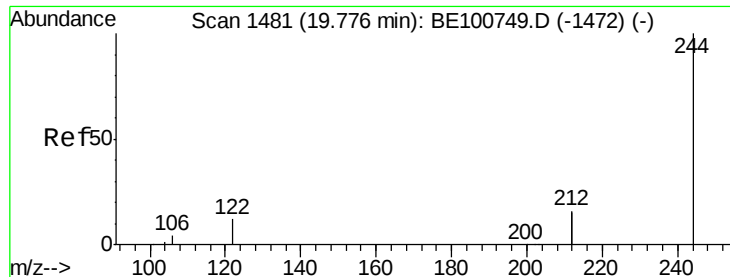


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.508 ng

RT: 19.77 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BE100758.D

Acq: 22 Nov 2019 14:31

Instrument :

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PB125011BL

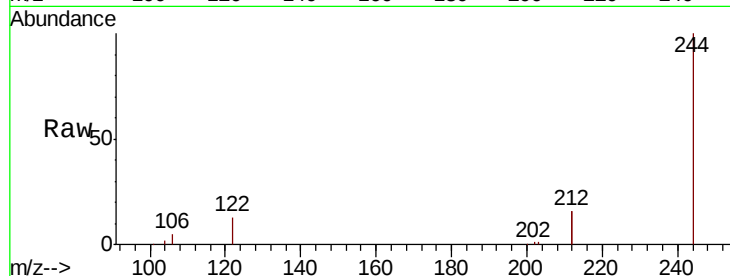
Tot Ion:244 Resp: 28973

Ion Ratio Lower Upper

244 100

212 32.5 25.2 37.8

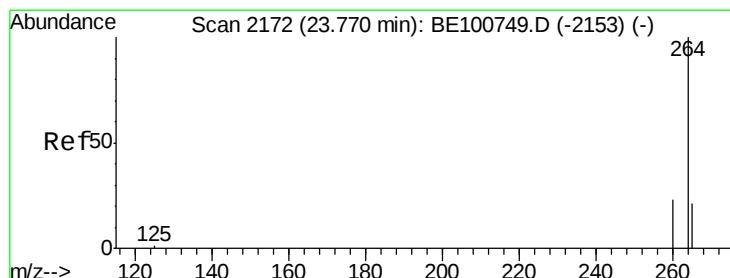
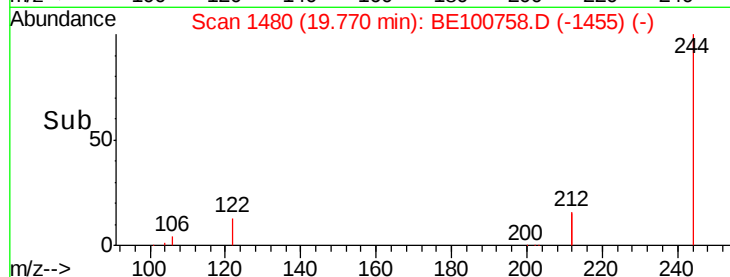
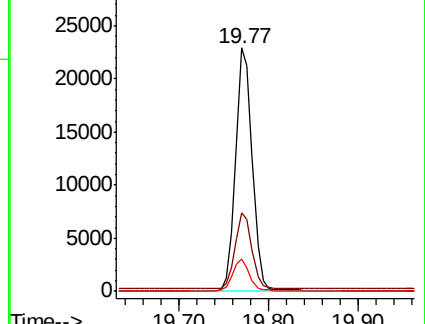
122 13.4 9.8 14.6



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: 23.77 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BE100758.D

Acq: 22 Nov 2019 14:31

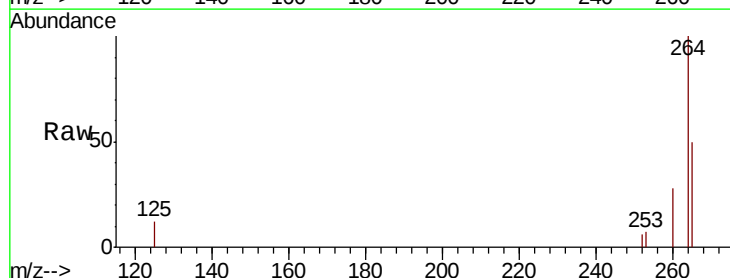
Tgt Ion:264 Resp: 6828

Ion Ratio Lower Upper

264 100

260 27.7 18.7 28.1

265 49.9 22.4 33.6#



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

