

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102819\
 Data File : BE100679.D
 Acq On : 28 Oct 2019 18:28
 Operator : JU
 Sample : PB124339BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB124339BL

Quant Time: Oct 29 12:04:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 16:49:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	3823	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	15276	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	8551	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	18963	0.40	ng	-0.01
27) Chrysene-d12	21.35	240	25063	0.40	ng	0.00
34) Perylene-d12	23.82	264	34034	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.44	112	3814	0.32	ng	0.00
5) Phenol-d6	7.01	99	5211	0.31	ng	0.00
8) Nitrobenzene-d5	8.99	82	3485	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	7506	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	569	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	10175	0.33	ng	0.00
25) Fluoranthene-d10	19.22	212	77097	0.32	ng	0.00
29) Terphenyl-d14	19.82	244	15940	0.29	ng	0.00

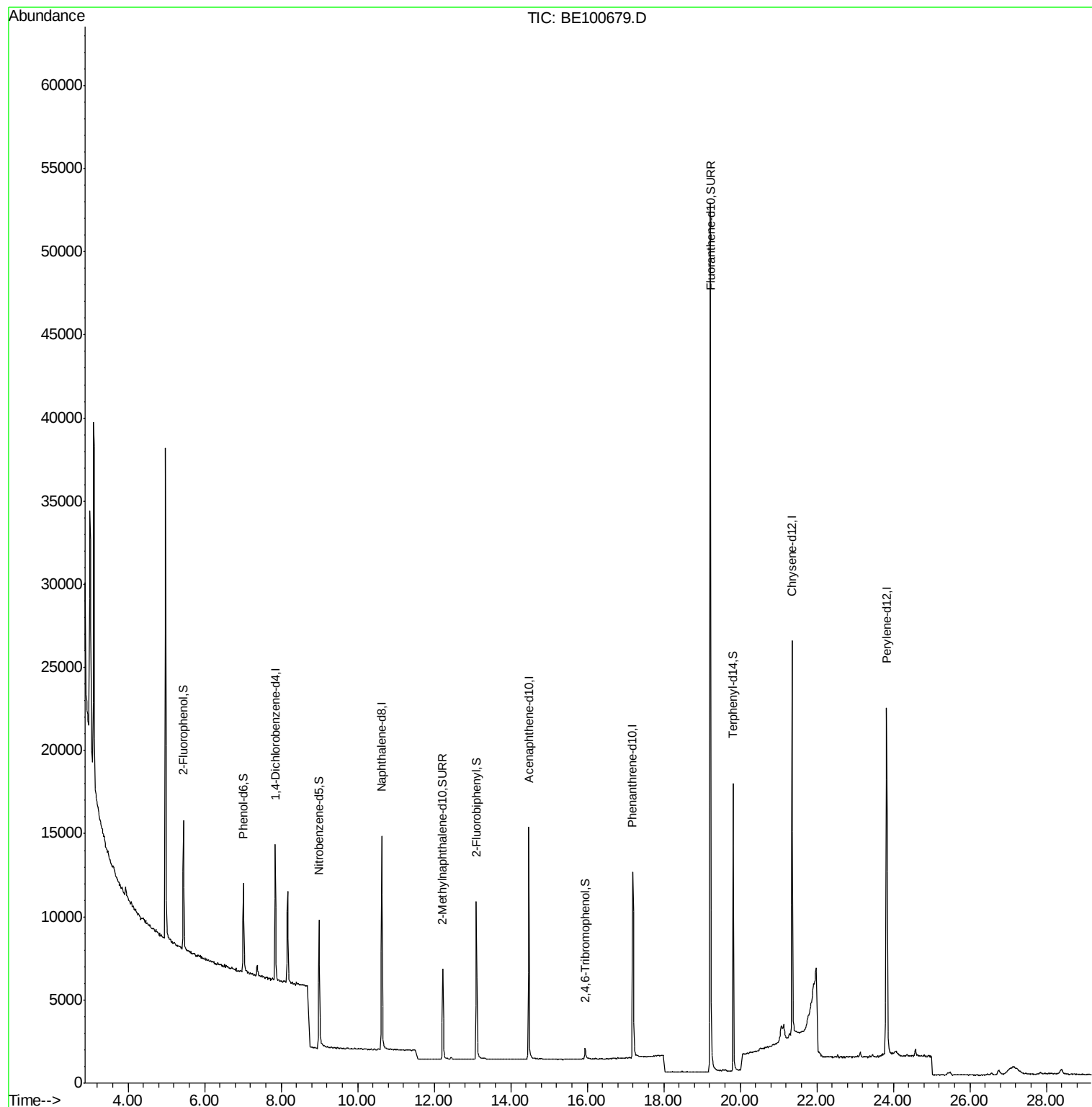
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.85 min Scan# 433

Delta R.T. 0.00 min

Lab File: BE100679.D

Acq: 28 Oct 2019 18:28

Instrument :

BNA_E

ClientSampleId :

PB124339BL

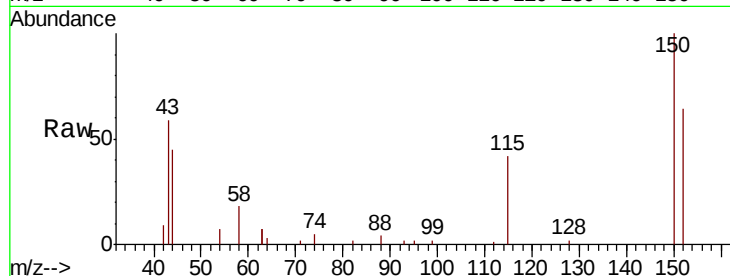
Tot Ion:152 Resp: 3823

Ion Ratio Lower Upper

152 100

150 157.0 123.3 184.9

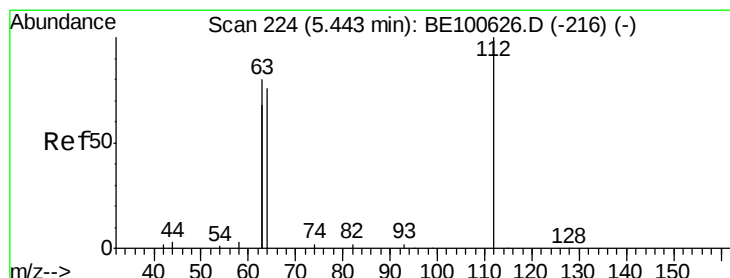
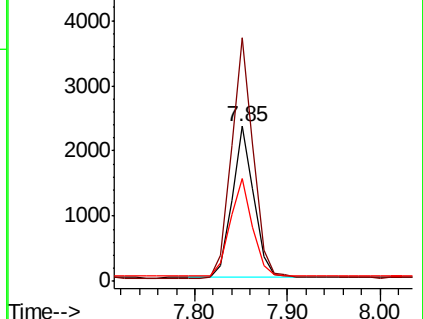
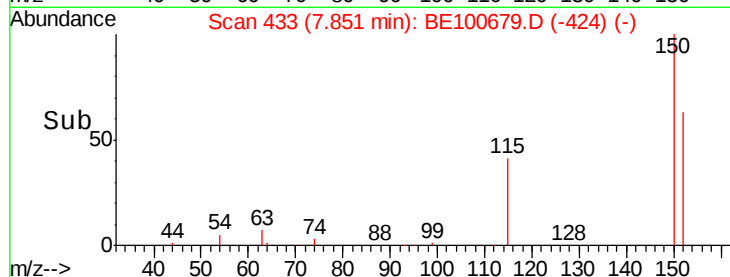
115 66.6 51.9 77.9



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: 0.323 ng

RT: 5.44 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE100679.D

Acq: 28 Oct 2019 18:28

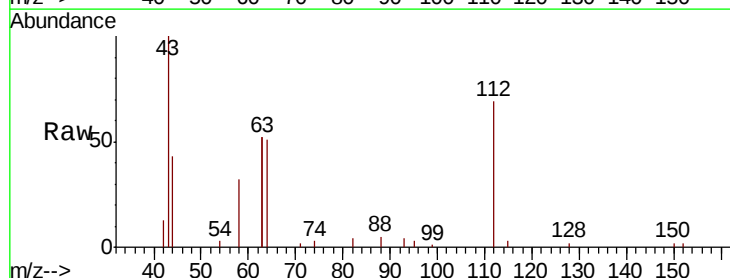
Tgt Ion:112 Resp: 3814

Ion Ratio Lower Upper

112 100

64 71.5 55.4 83.2

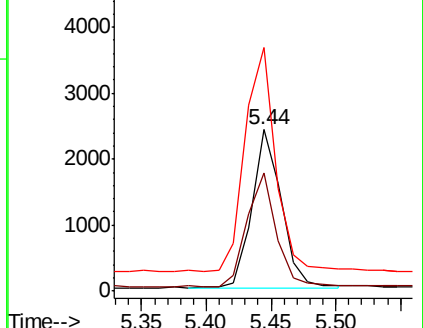
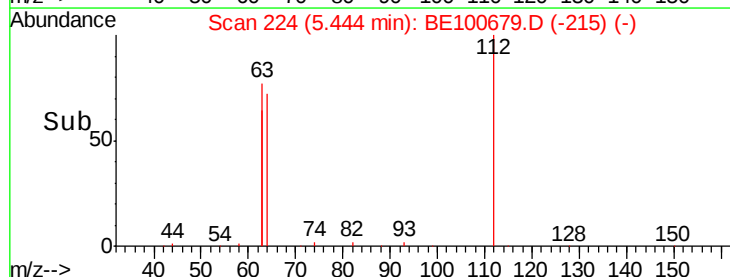
63 147.5 114.2 171.4

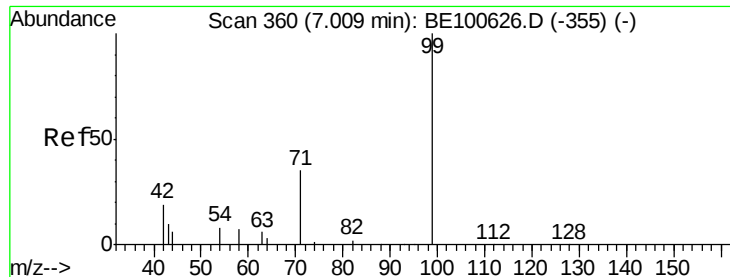


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.313 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100679.D

Acq: 28 Oct 2019 18:28

Instrument :

BNA_E

ClientSampleId :

PB124339BL

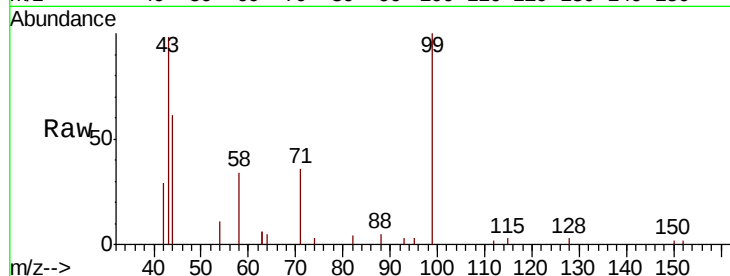
Tot Ion: 99 Resp: 5211

Ion Ratio Lower Upper

99 100

42 22.8 17.7 26.5

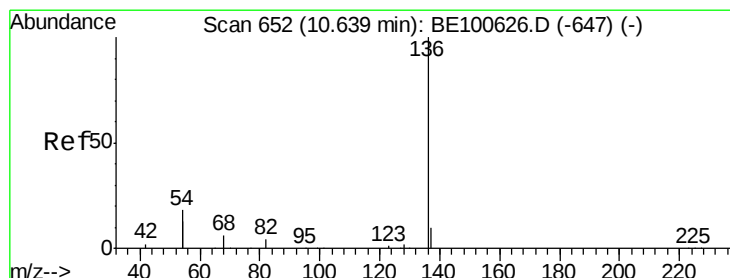
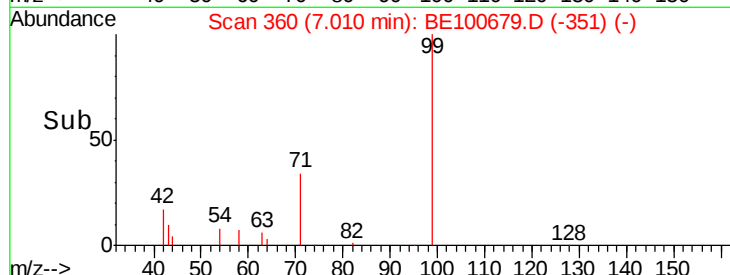
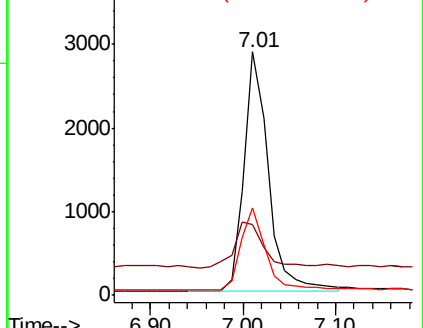
71 34.7 27.4 41.0



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: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE100679.D

Acq: 28 Oct 2019 18:28

Tgt Ion: 136 Resp: 15276

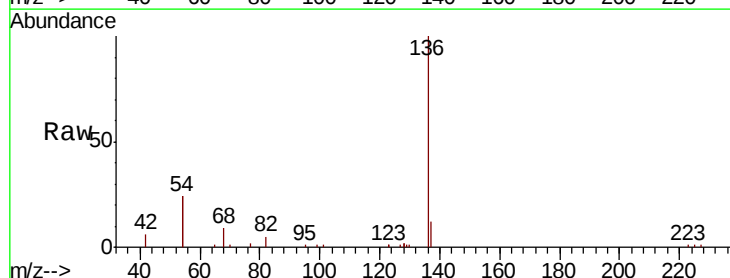
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 48.9 39.4 59.2

68 9.1 8.0 12.0

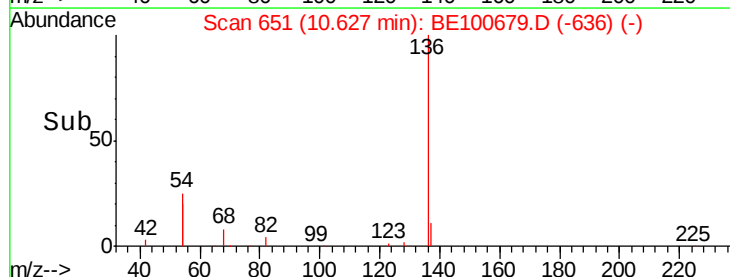
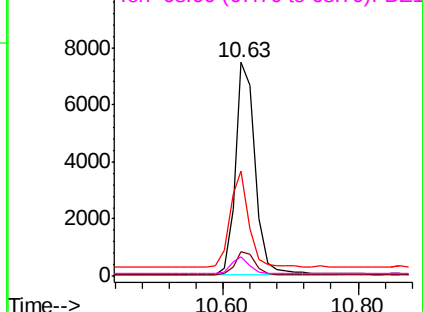


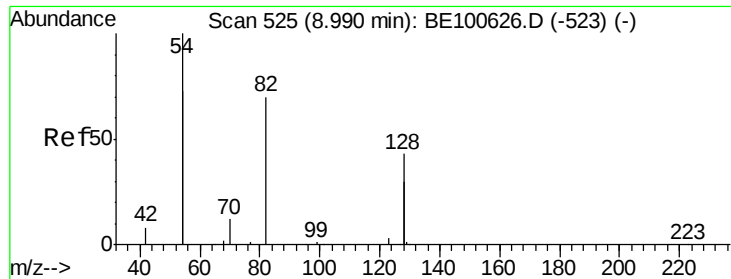
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.368 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE100679.D

Acq: 28 Oct 2019 18:28

Instrument :

BNA_E

ClientSampleId :

PB124339BL

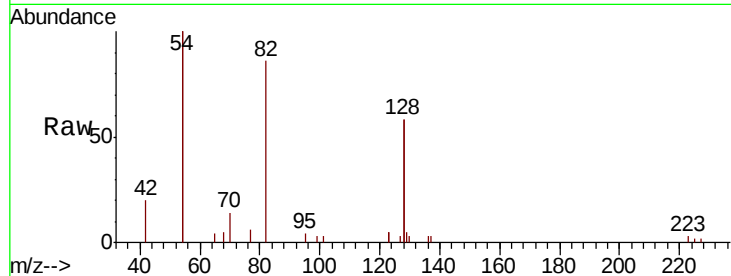
Tot Ion: 82 Resp: 3485

Ion Ratio Lower Upper

82 100

128 133.8 107.8 161.8

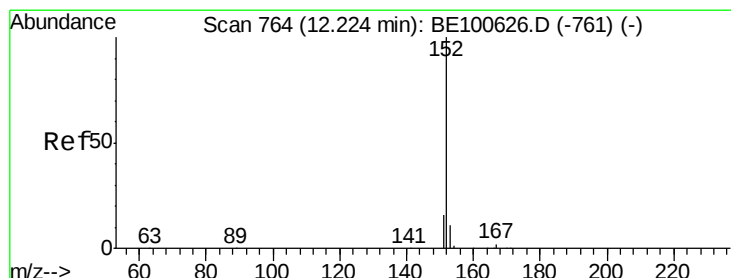
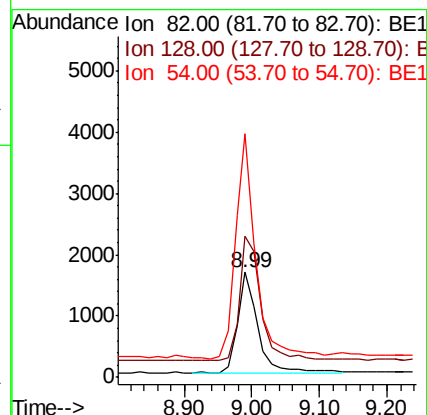
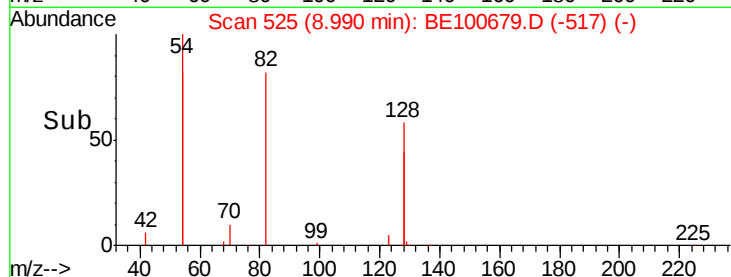
54 231.7 166.1 249.1



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: 0.312 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE100679.D

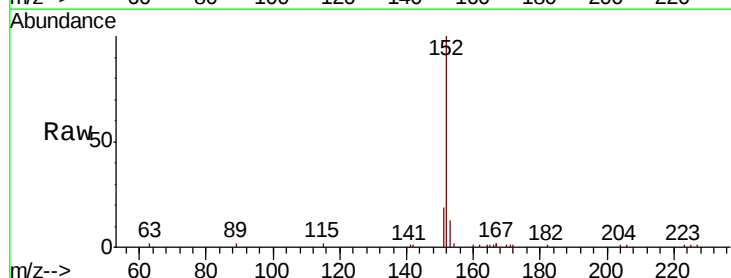
Acq: 28 Oct 2019 18:28

Tgt Ion: 152 Resp: 7506

Ion Ratio Lower Upper

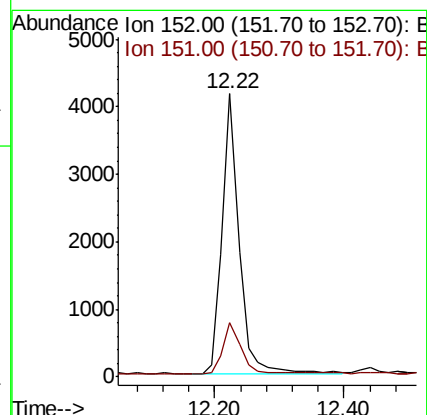
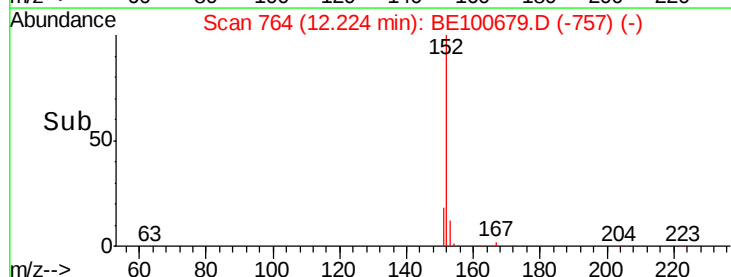
152 100

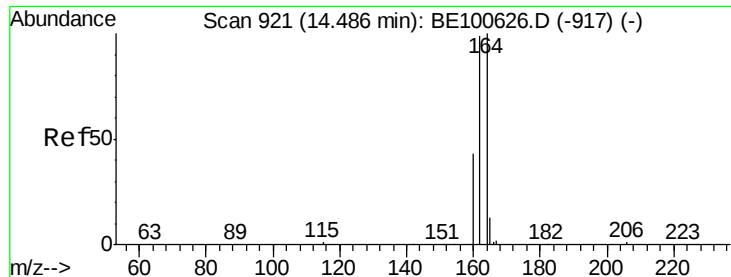
151 19.0 14.7 22.1



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

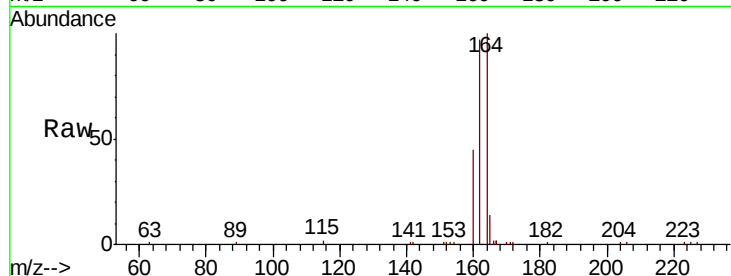




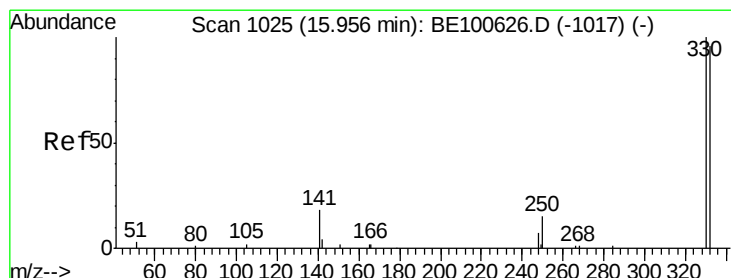
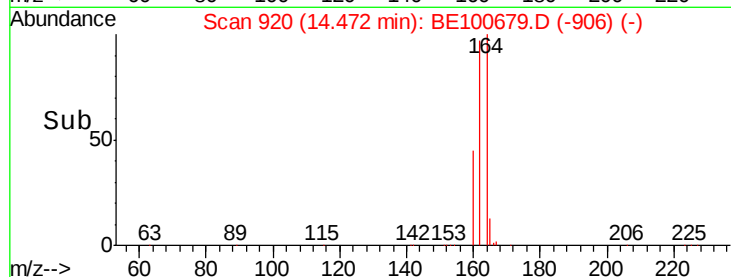
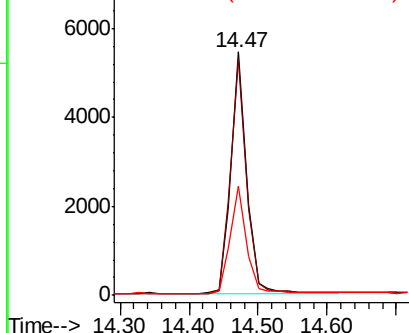
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100679.D
Acq: 28 Oct 2019 18:28

Instrument :
BNA_E
ClientSampleId :
PB124339BL

Tot Ion:164 Resp: 8551
Ion Ratio Lower Upper
164 100
162 96.9 82.0 123.0
160 45.1 37.5 56.3

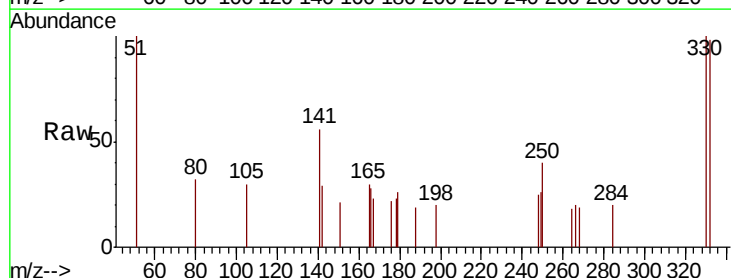


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

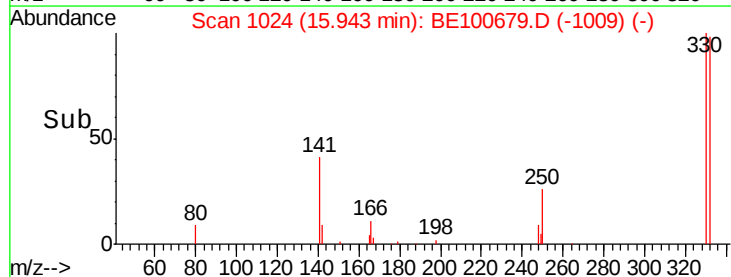
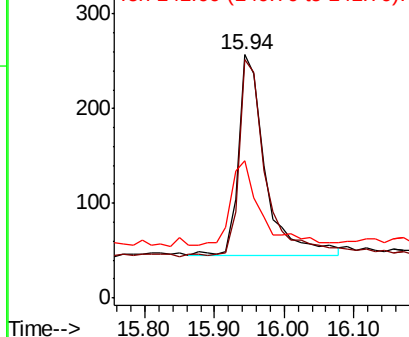


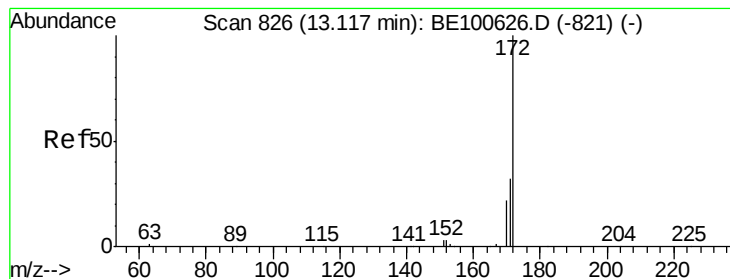
#14
2,4,6-Tribromophenol
Concen: 0.252 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE100679.D
Acq: 28 Oct 2019 18:28

Tgt Ion:330 Resp: 569
Ion Ratio Lower Upper
330 100
332 100.0 77.9 116.9
141 46.2 33.0 49.6



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: 0.327 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE100679.D

Acq: 28 Oct 2019 18:28

Instrument :

BNA_E

ClientSampleId :

PB124339BL

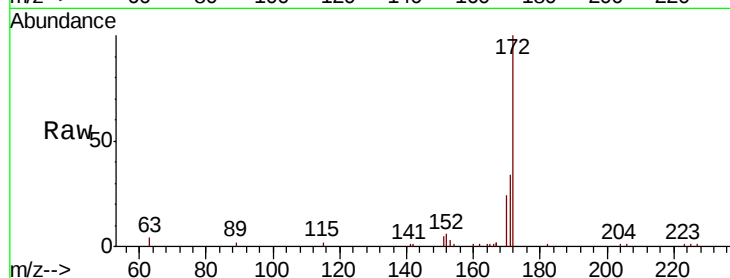
Tot Ion:172 Resp: 10175

Ion Ratio Lower Upper

172 100

171 34.0 26.5 39.7

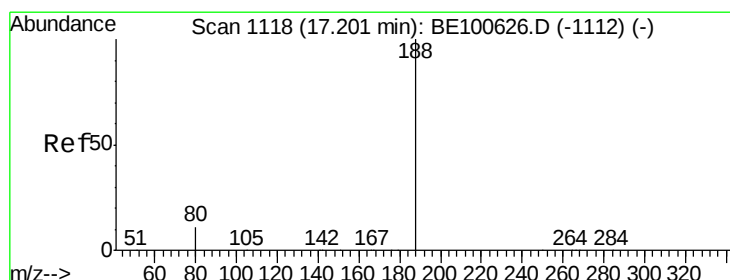
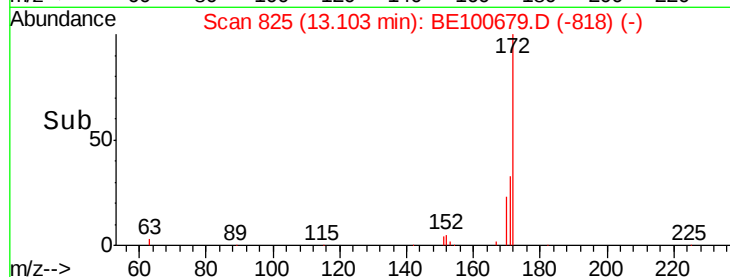
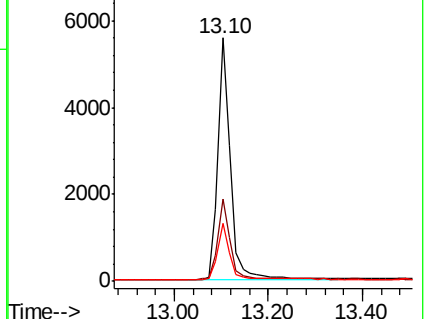
170 23.7 19.0 28.4



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: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100679.D

Acq: 28 Oct 2019 18:28

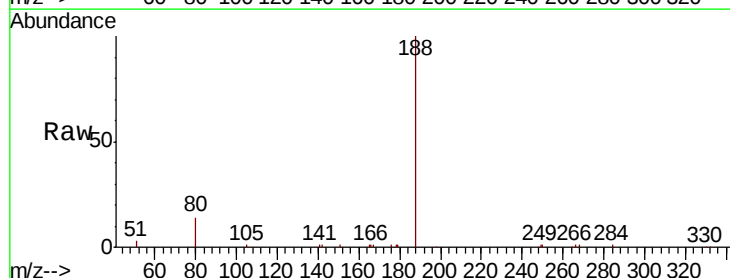
Tgt Ion:188 Resp: 18963

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

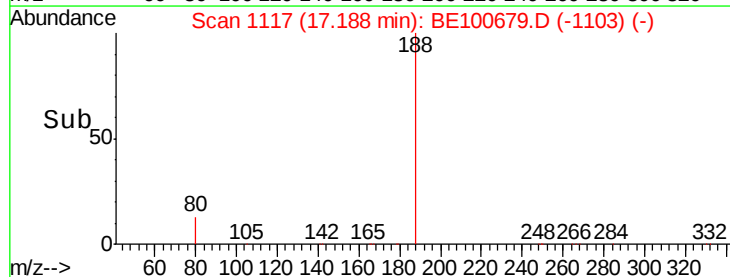
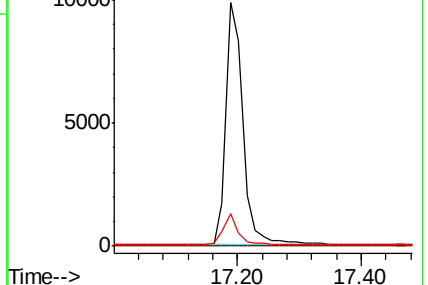
80 13.6 5.4 8.0#

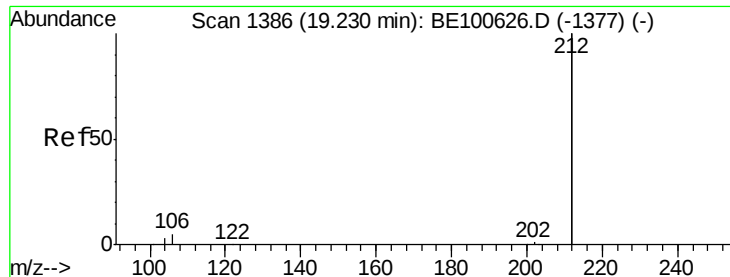


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1

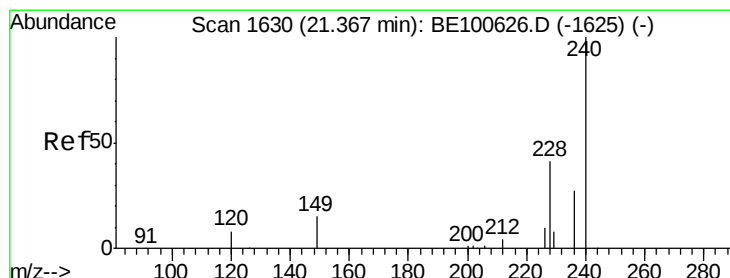
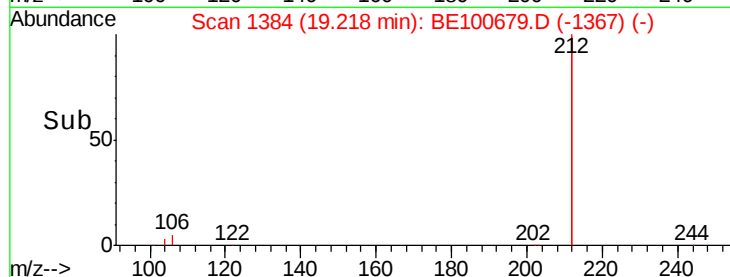
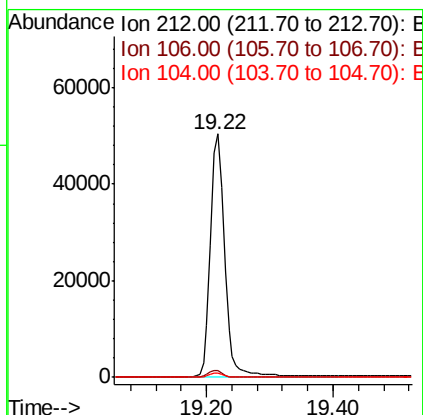
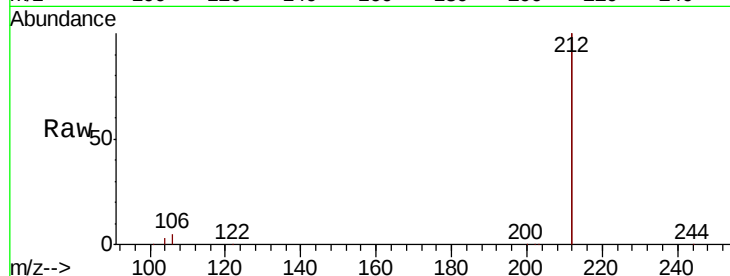




#25
 Fluoranthene-d10
 Concen: 0.315 ng
 RT: 19.22 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BE100679.D
 Acq: 28 Oct 2019 18:28

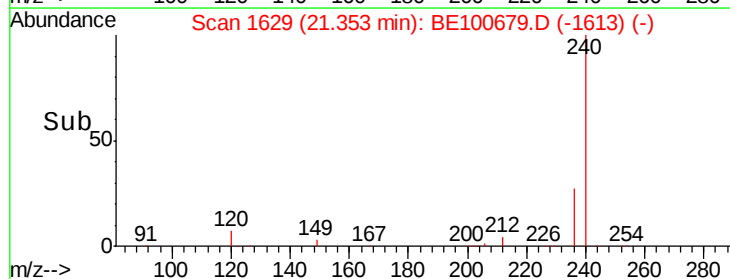
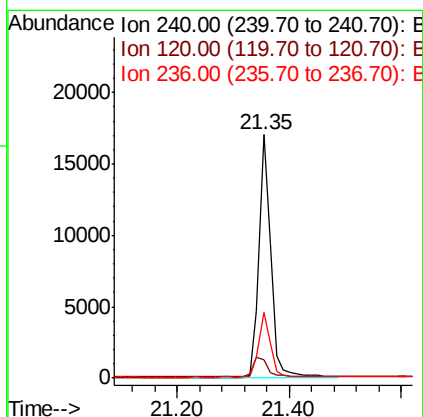
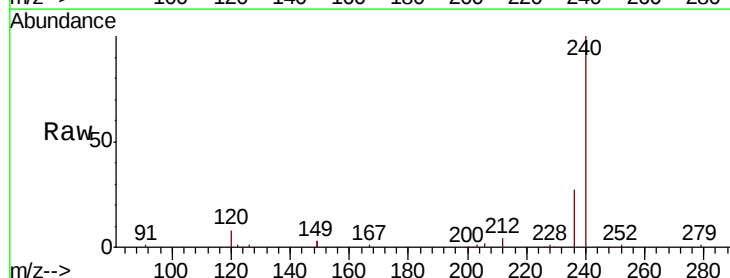
Instrument :
 BNA_E
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 PB124339BL

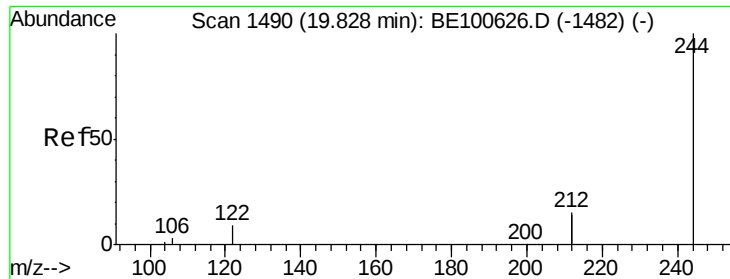
Tot Ion:212 Resp: 77097
 Ion Ratio Lower Upper
 212 100
 106 2.8 2.3 3.5
 104 1.6 1.3 1.9



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.35 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BE100679.D
 Acq: 28 Oct 2019 18:28

Tgt Ion:240 Resp: 25063
 Ion Ratio Lower Upper
 240 100
 120 7.7 7.6 11.4
 236 27.1 22.1 33.1





#29

Terphenyl-d14

Concen: 0.291 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE100679.D

Acq: 28 Oct 2019 18:28

Instrument :

BNA_E

ClientSampleId :

PB124339BL

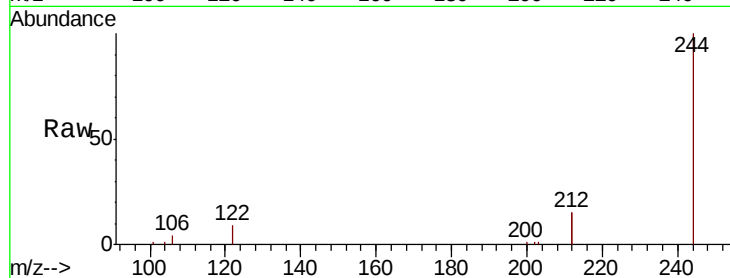
Tot Ion:244 Resp: 15940

Ion Ratio Lower Upper

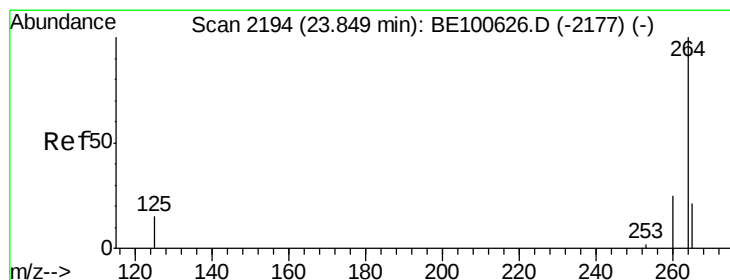
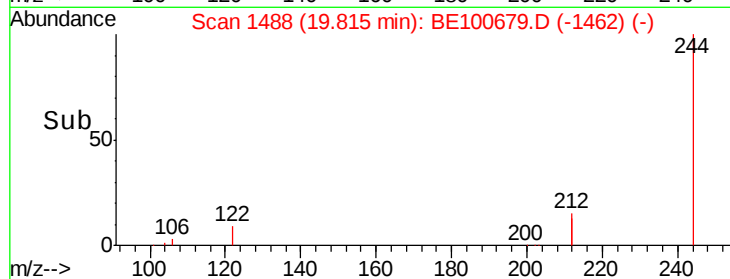
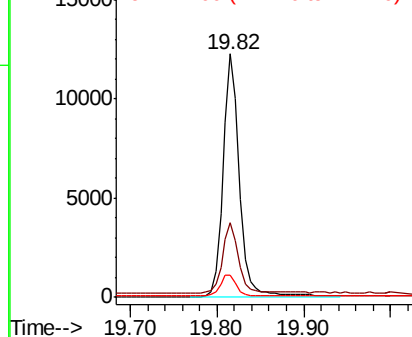
244 100

212 30.5 23.7 35.5

122 9.0 7.9 11.9



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: 23.82 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BE100679.D

Acq: 28 Oct 2019 18:28

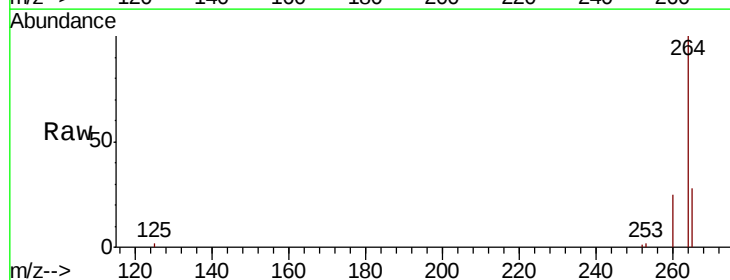
Tgt Ion:264 Resp: 34034

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.2

265 27.6 21.7 32.5



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

