

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100819\
 Data File : BE100606.D
 Acq On : 8 Oct 2019 13:35
 Operator : JU
 Sample : PB123706BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB123706BL

Quant Time: Oct 09 04:04:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:42:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3409	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	14455	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	7285	0.40	ng	0.00
19) Phenanthrene-d10	17.17	188	15713	0.40	ng	0.00
27) Chrysene-d12	21.34	240	18688	0.40	ng	0.01
34) Perylene-d12	23.79	264	24045	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	2623	0.29	ng	0.00
5) Phenol-d6	6.99	99	2857	0.25	ng	0.00
8) Nitrobenzene-d5	8.98	82	2339	0.26	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	6560	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	181	0.11	ng	0.01
15) 2-Fluorobiphenyl	13.09	172	8581	0.32	ng	0.00
25) Fluoranthene-d10	19.20	212	58565	0.30	ng	0.00
29) Terphenyl-d14	19.80	244	13805	0.33	ng	0.00

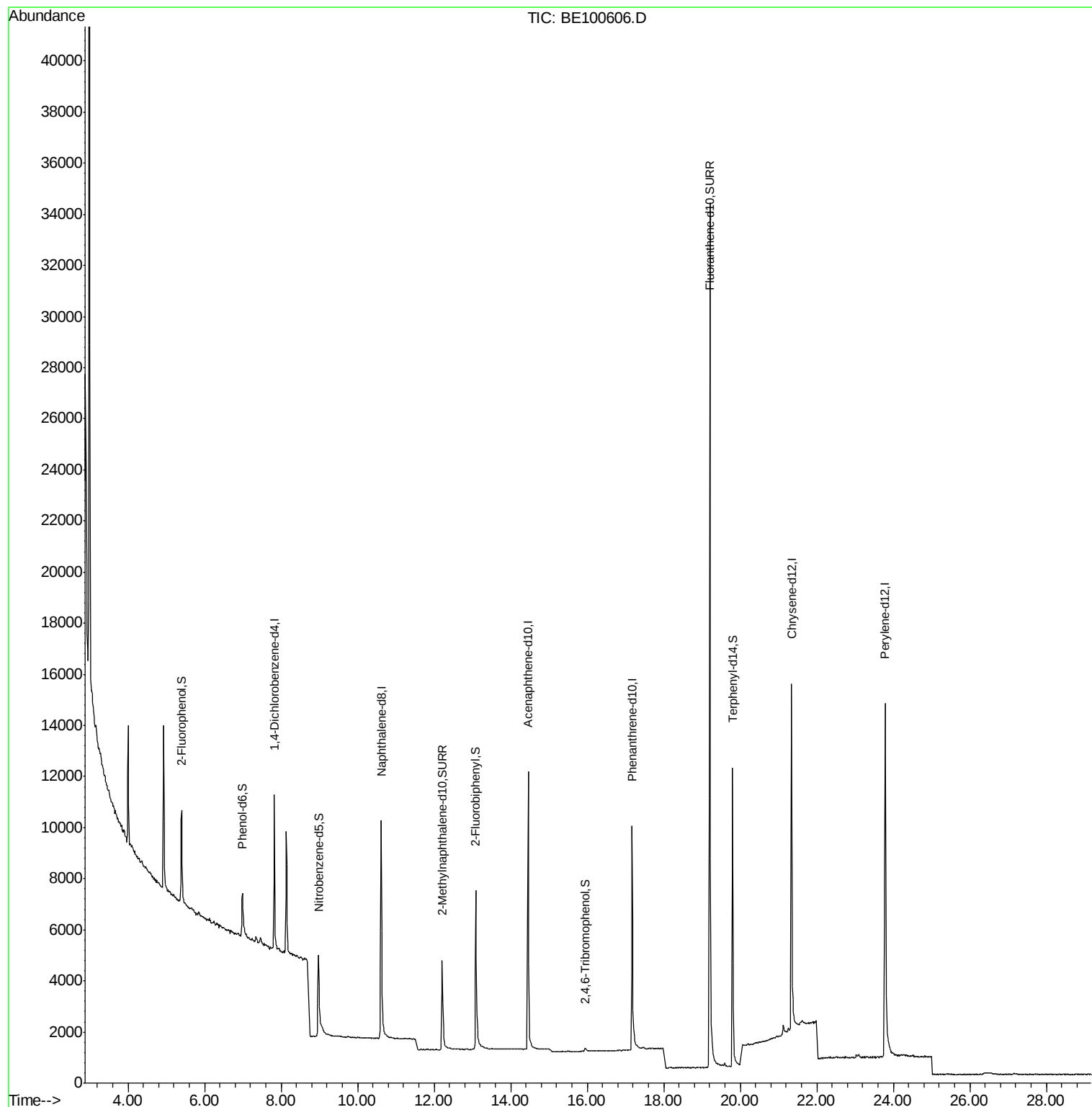
Target Compounds	Qvalue
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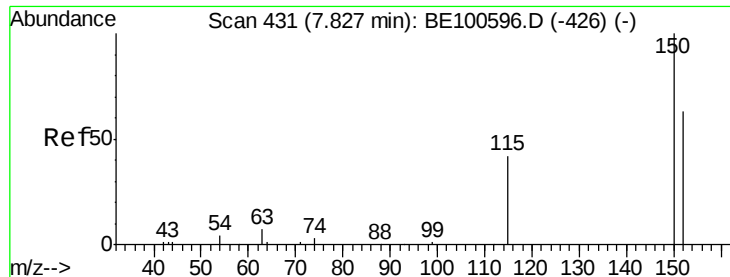
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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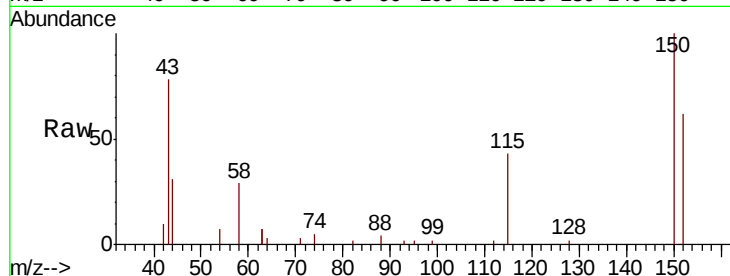


#1

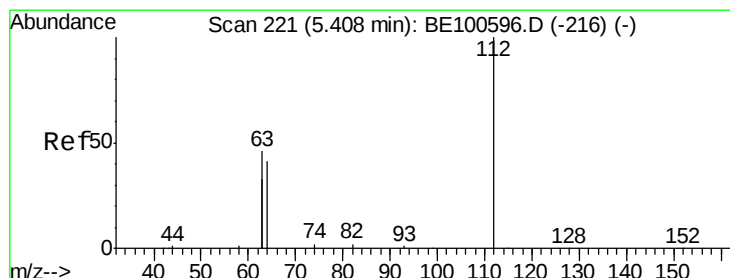
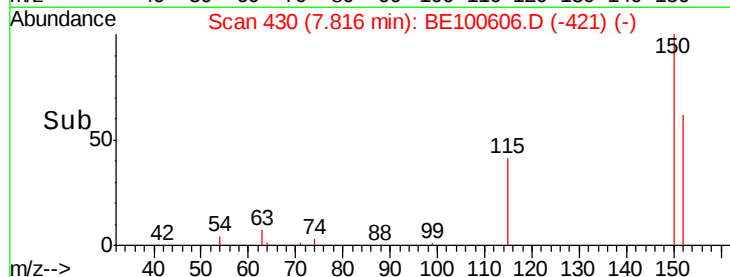
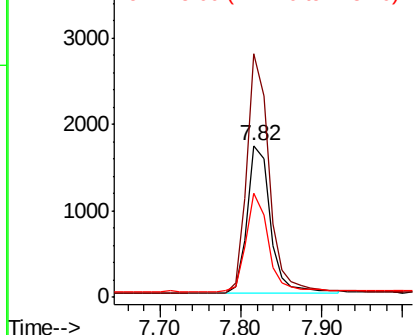
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE100606.D
Acq: 8 Oct 2019 13:35

Instrument :
BNA_E
ClientSampleId :
PB123706BL

Tot Ion:152 Resp: 3409
Ion Ratio Lower Upper
152 100
150 160.3 126.5 189.7
115 68.8 54.6 81.8



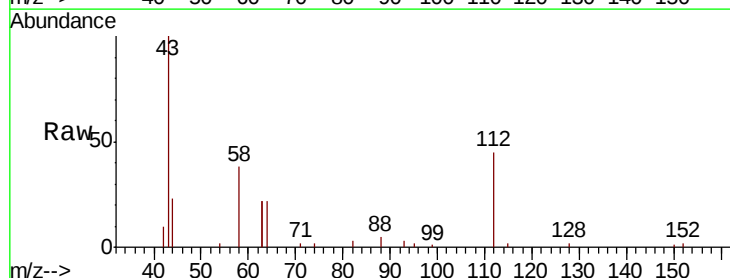
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



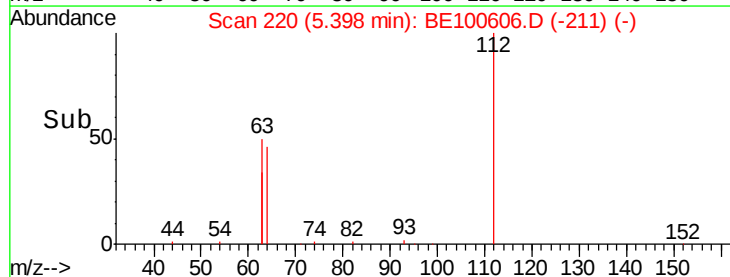
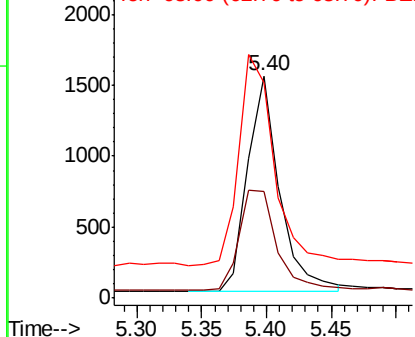
#4

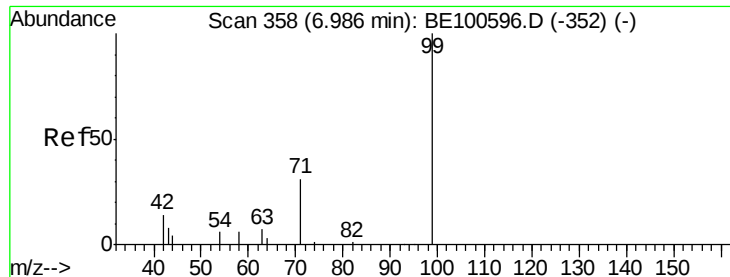
2-Fluorophenol
Concen: 0.285 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.00 min
Lab File: BE100606.D
Acq: 8 Oct 2019 13:35

Tgt Ion:112 Resp: 2623
Ion Ratio Lower Upper
112 100
64 54.6 43.7 65.5
63 107.5 84.5 126.7



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: 0.247 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE100606.D

Acq: 8 Oct 2019 13:35

Instrument :

BNA_E

ClientSampleId :

PB123706BL

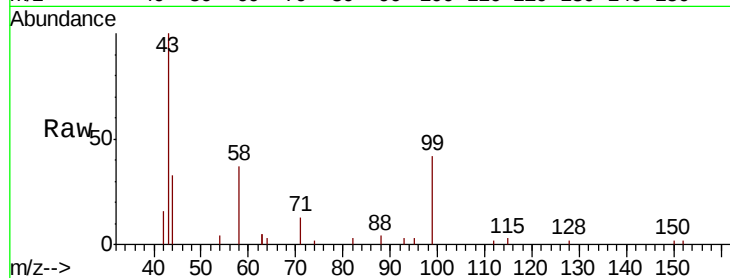
Tot Ion: 99 Resp: 2857

Ion Ratio Lower Upper

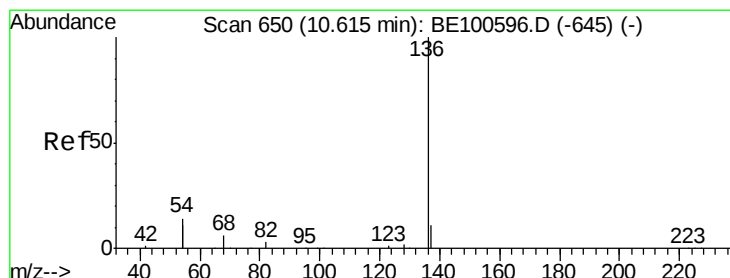
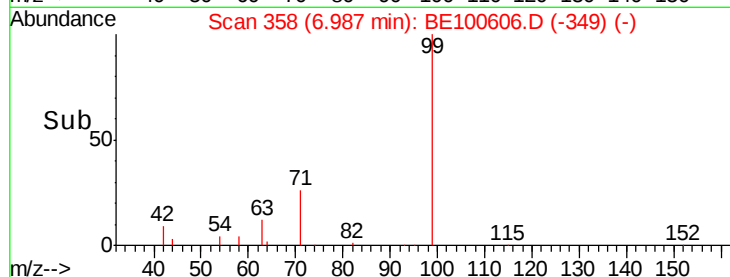
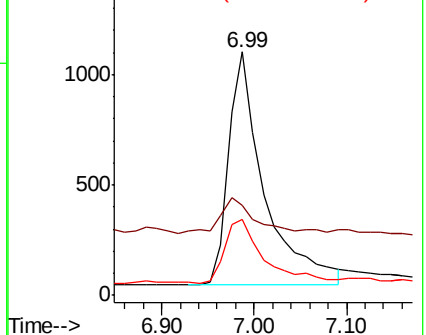
99 100

42 15.0 11.7 17.5

71 29.0 23.0 34.4



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: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE100606.D

Acq: 8 Oct 2019 13:35

Tgt Ion: 136 Resp: 14455

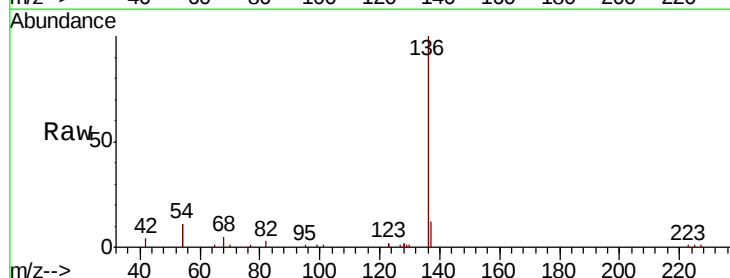
Ion Ratio Lower Upper

136 100

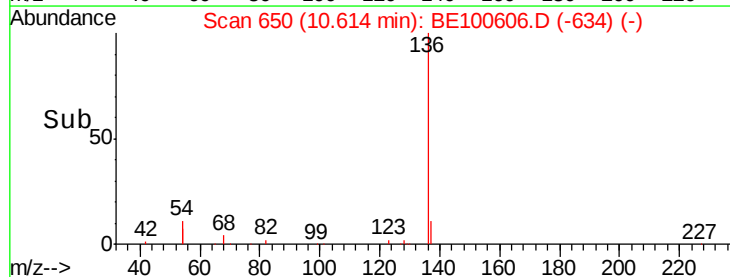
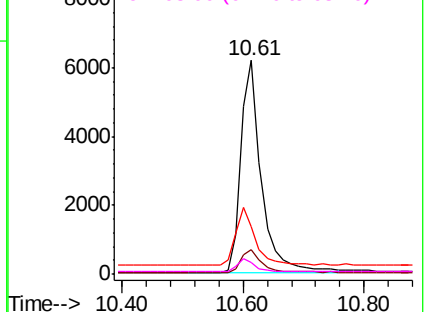
137 11.6 9.1 13.7

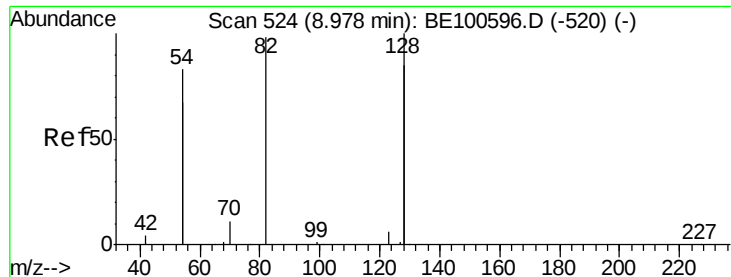
54 22.2 22.4 33.6#

68 5.2 5.2 7.8



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: 0.259 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE100606.D

Acq: 8 Oct 2019 13:35

Instrument :

BNA_E

ClientSampleId :

PB123706BL

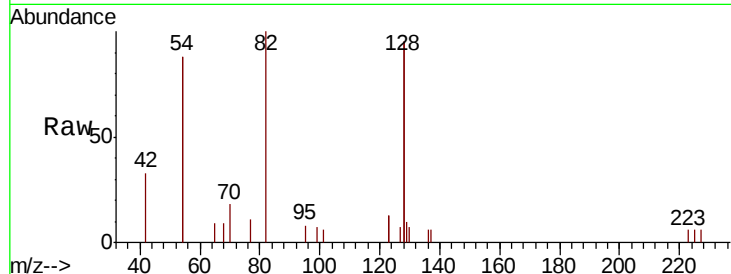
Tot Ion: 82 Resp: 2339

Ion Ratio Lower Upper

82 100

128 190.1 154.7 232.1

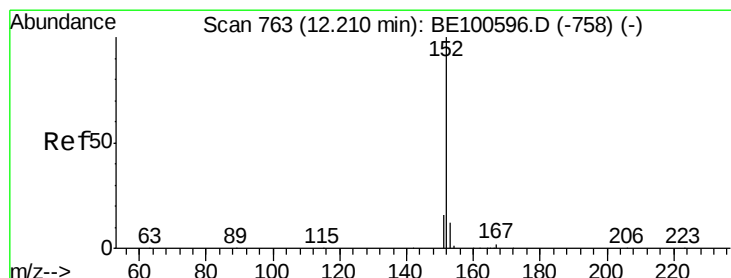
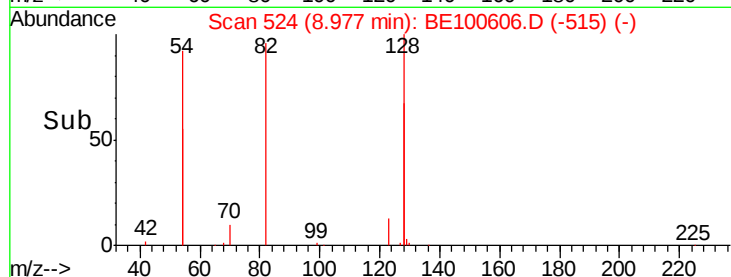
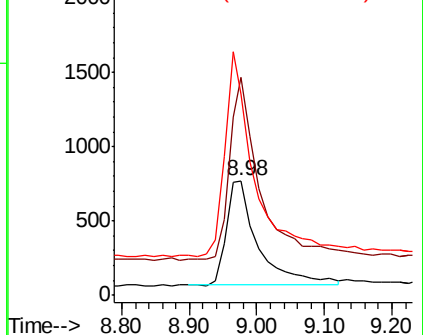
54 175.4 128.5 192.7



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: 0.303 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE100606.D

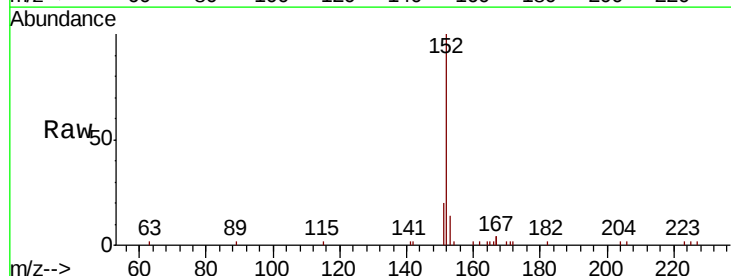
Acq: 8 Oct 2019 13:35

Tgt Ion: 152 Resp: 6560

Ion Ratio Lower Upper

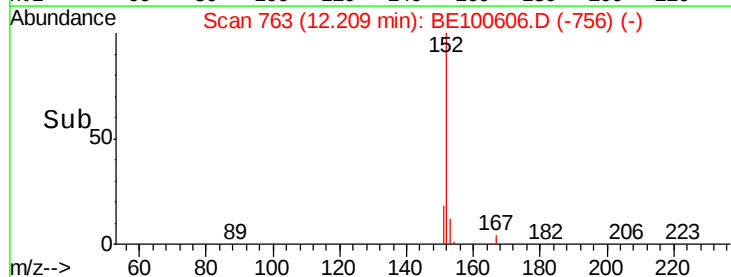
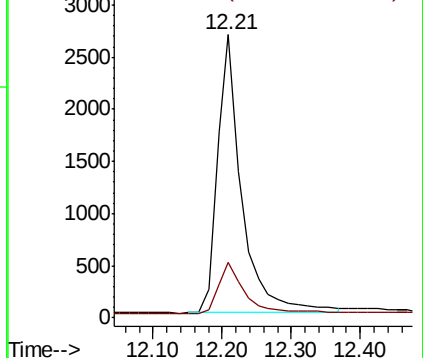
152 100

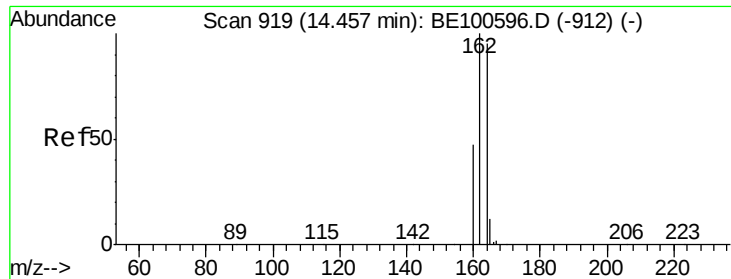
151 19.3 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

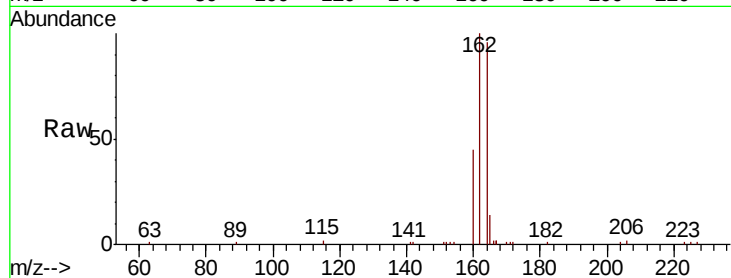




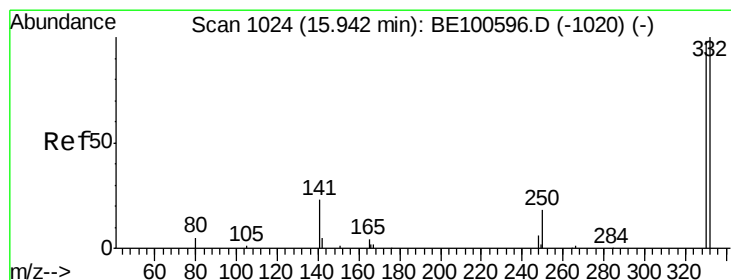
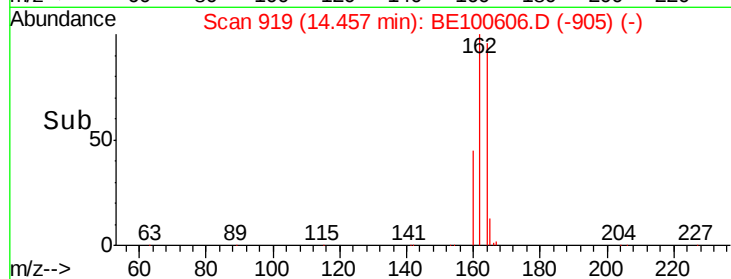
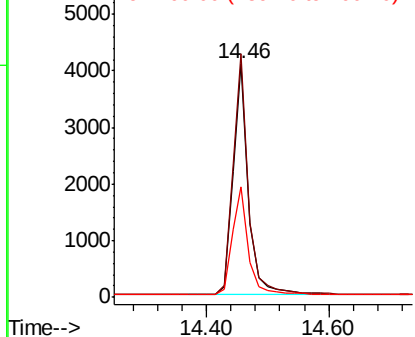
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BE100606.D
 Acq: 8 Oct 2019 13:35

Instrument :
 BNA_E
 ClientSampleId :
 PB123706BL

Tot Ion:164 Resp: 7285
 Ion Ratio Lower Upper
 164 100
 162 104.1 84.2 126.4
 160 47.2 40.2 60.4

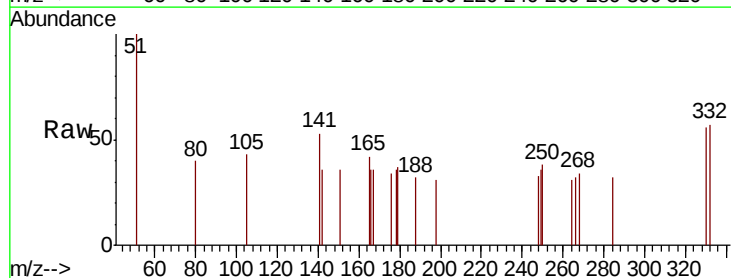


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

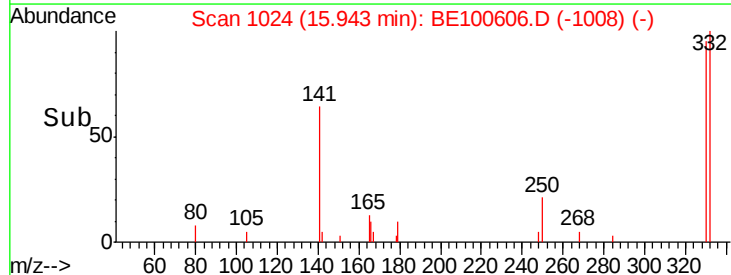
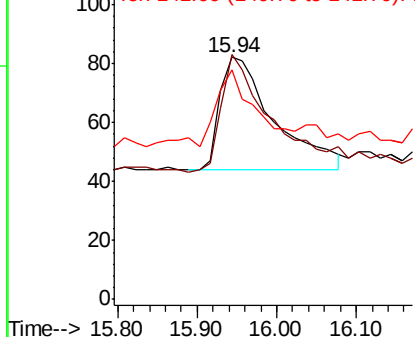


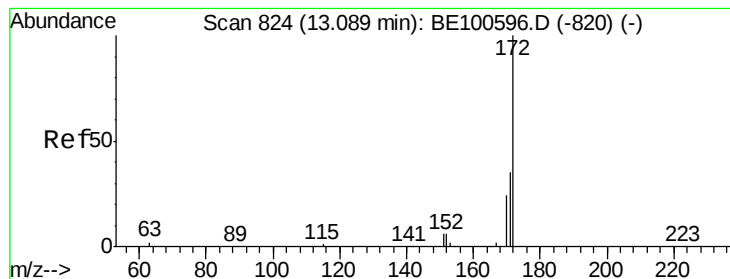
#14
 2,4,6-Tribromophenol
 Concen: 0.109 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BE100606.D
 Acq: 8 Oct 2019 13:35

Tgt Ion:330 Resp: 181
 Ion Ratio Lower Upper
 330 100
 332 95.6 78.5 117.7
 141 52.5 39.4 59.0



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

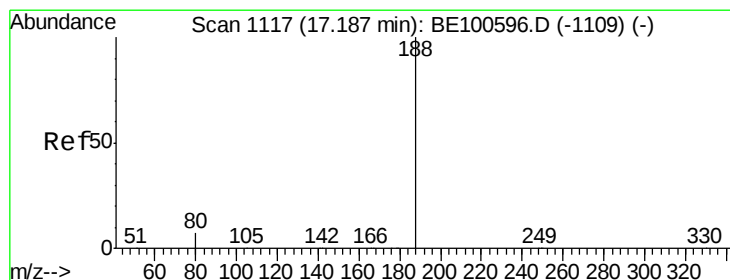
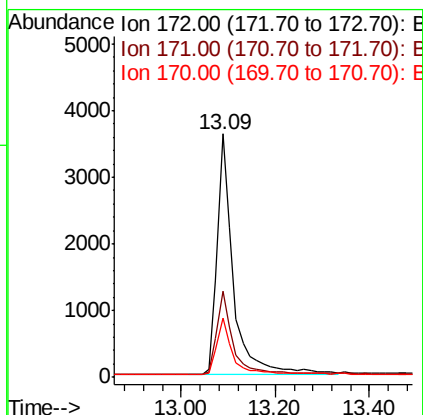
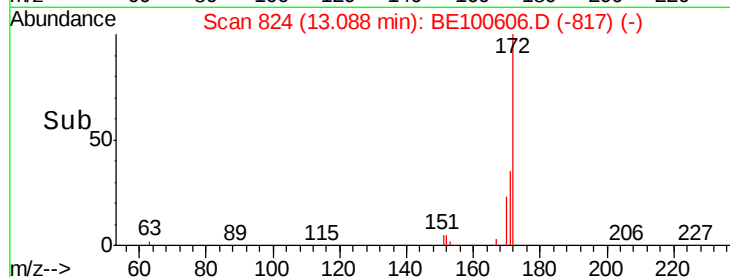
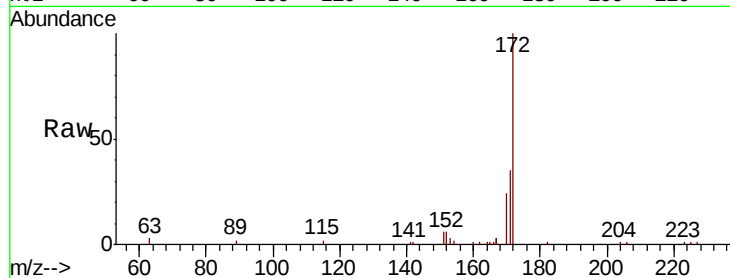




#15
2-Fluorobiphenyl
Concen: 0.325 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE100606.D
Acq: 8 Oct 2019 13:35

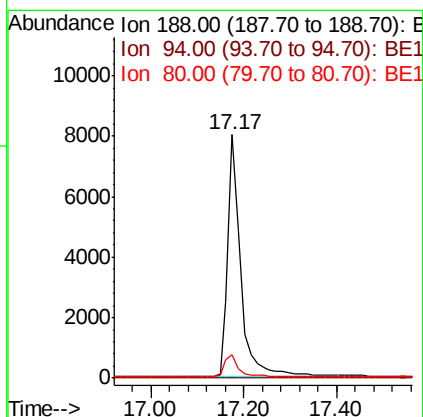
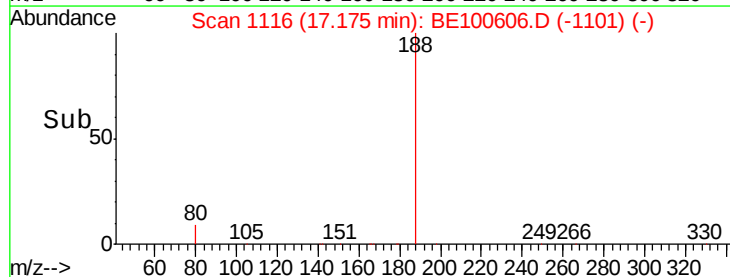
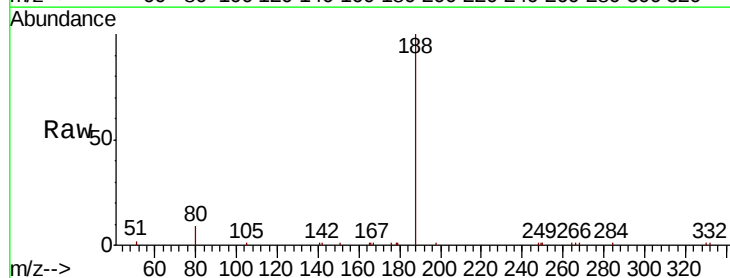
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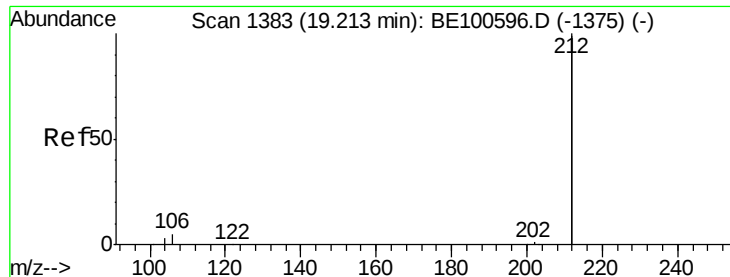
Tot Ion:172 Resp: 8581
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 24.3 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.17 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE100606.D
Acq: 8 Oct 2019 13:35

Tgt Ion:188 Resp: 15713
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 6.2 9.2#

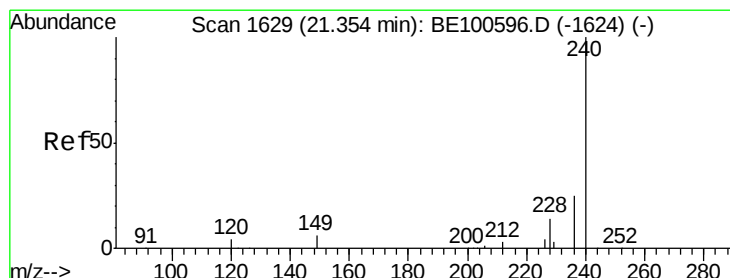
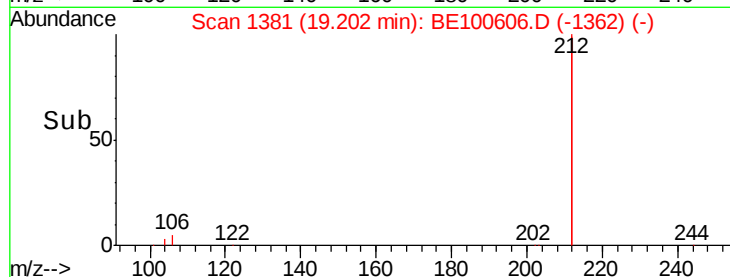
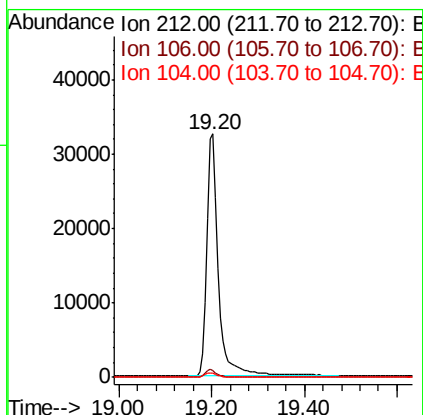
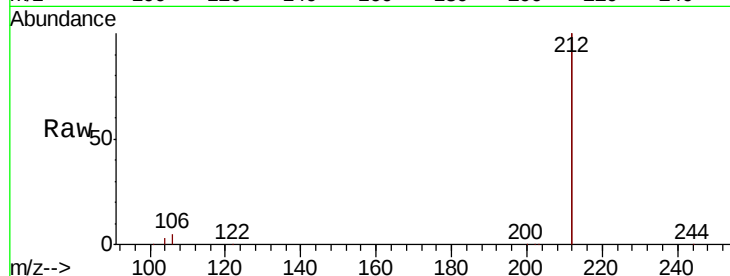




#25
Fluoranthene-d10
Concen: 0.302 ng
RT: 19.20 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BE100606.D
Acq: 8 Oct 2019 13:35

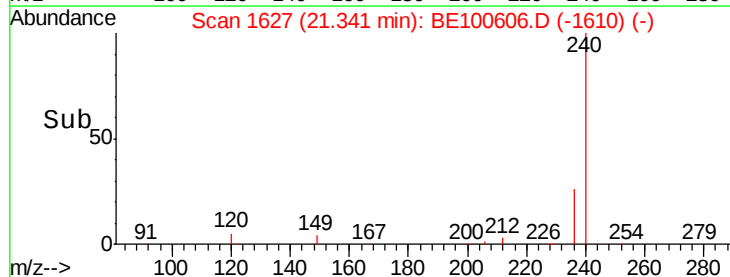
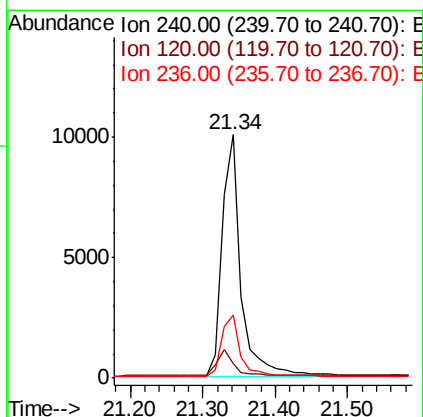
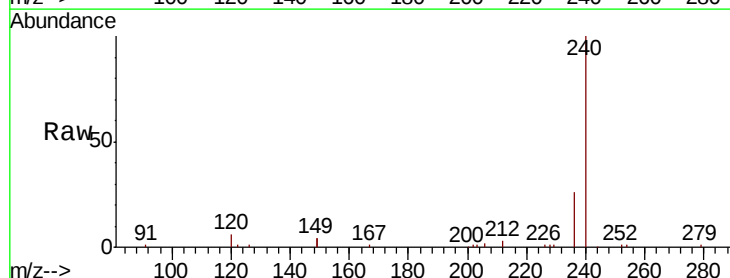
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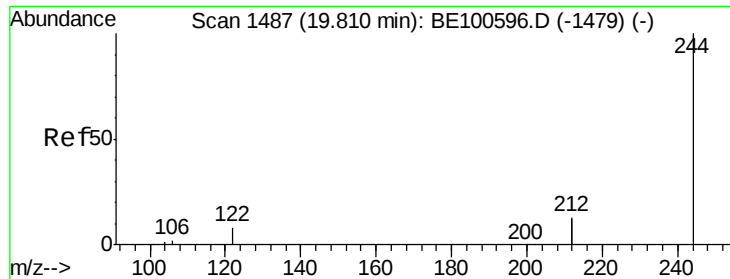
Tot Ion:212 Resp: 58565
Ion Ratio Lower Upper
212 100
106 2.8 2.3 3.5
104 1.5 1.3 1.9



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1627
Delta R.T. 0.01 min
Lab File: BE100606.D
Acq: 8 Oct 2019 13:35

Tgt Ion:240 Resp: 18688
Ion Ratio Lower Upper
240 100
120 5.7 3.6 5.4#
236 26.1 20.5 30.7





#29

Terphenyl-d14

Concen: 0.334 ng

RT: 19.80 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BE100606.D

Acq: 8 Oct 2019 13:35

Instrument :

BNA_E

ClientSampleId :

PB123706BL

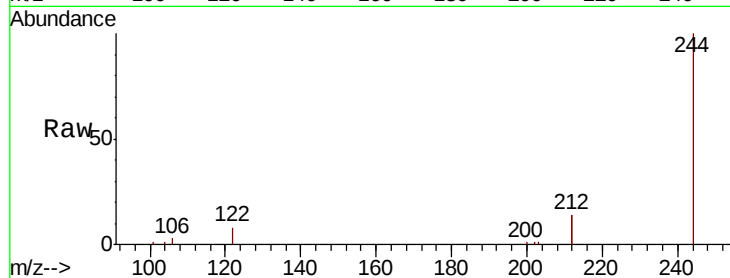
Tot Ion:244 Resp: 13805

Ion Ratio Lower Upper

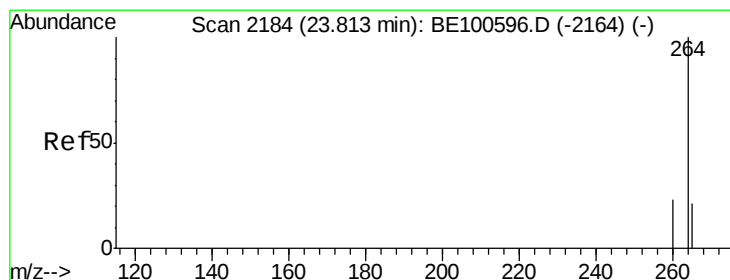
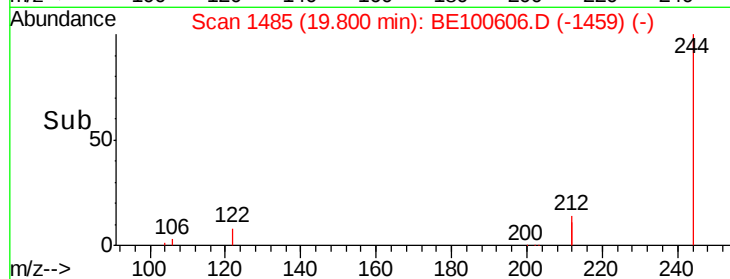
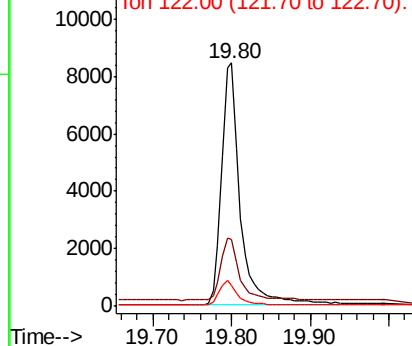
244 100

212 27.4 20.6 31.0

122 8.5 6.5 9.7



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: 23.79 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BE100606.D

Acq: 8 Oct 2019 13:35

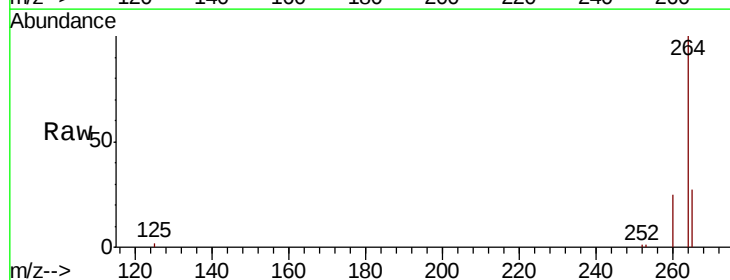
Tgt Ion:264 Resp: 24045

Ion Ratio Lower Upper

264 100

260 24.8 19.0 28.4

265 26.9 20.9 31.3



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

