

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121619\
 Data File : BE100917.D
 Acq On : 16 Dec 2019 12:17
 Operator : JU
 Sample : PB125411BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB125411BL

Quant Time: Dec 17 10:57:19 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	4265	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	17336	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	8270	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	20836	0.40	ng	0.00
27) Chrysene-d12	21.30	240	16675	0.40	ng	0.00
34) Perylene-d12	23.74	264	18638	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	3959	0.39	ng	0.00
5) Phenol-d6	6.93	99	5921	0.39	ng	0.00
8) Nitrobenzene-d5	8.90	82	4179	0.51	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	9720	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	15.88	330	417	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	12906	0.39	ng	0.00
25) Fluoranthene-d10	19.15	212	91241	0.37	ng	0.00
29) Terphenyl-d14	19.75	244	17058	0.43	ng	0.00

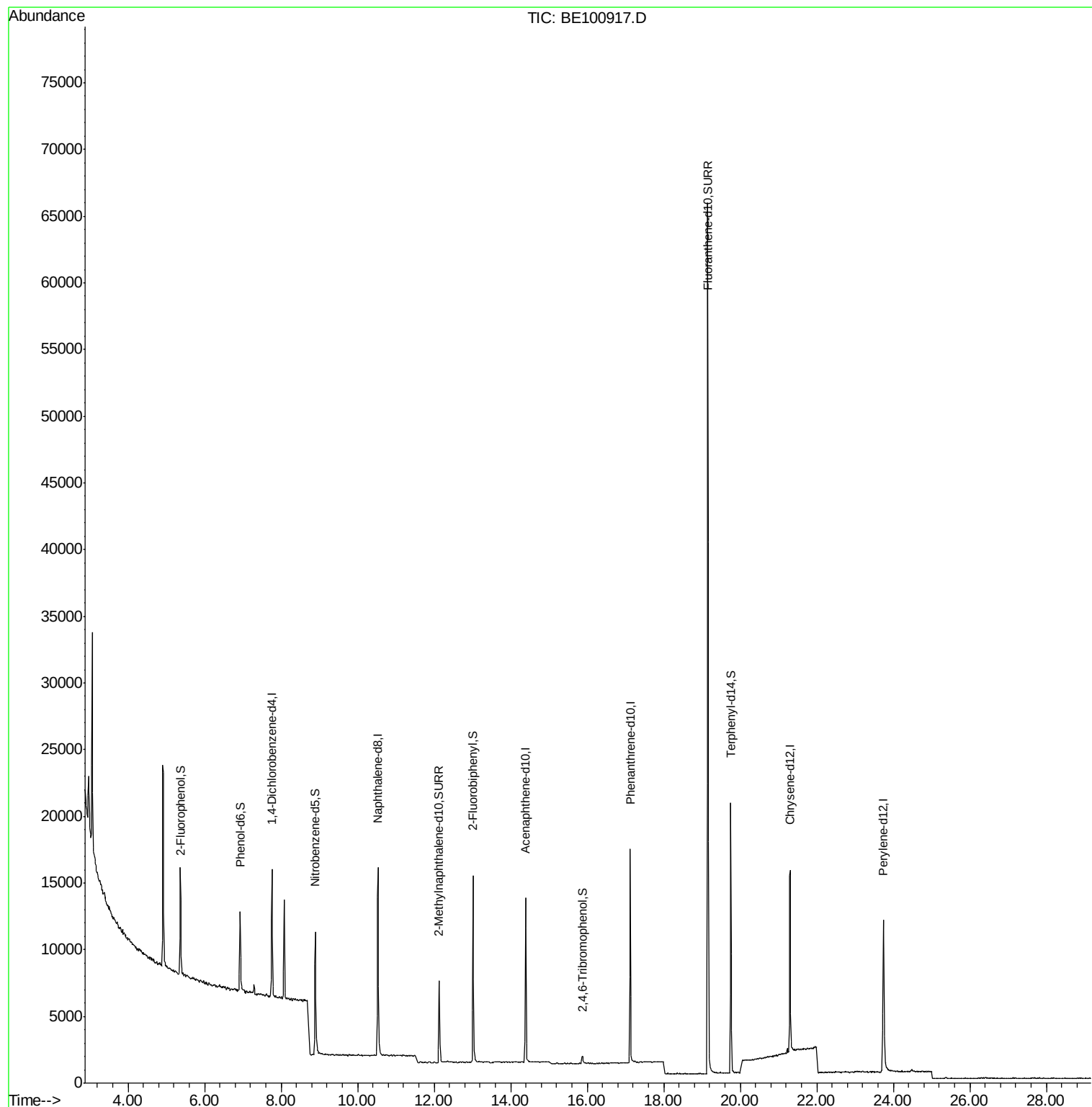
Target Compounds	Qvalue
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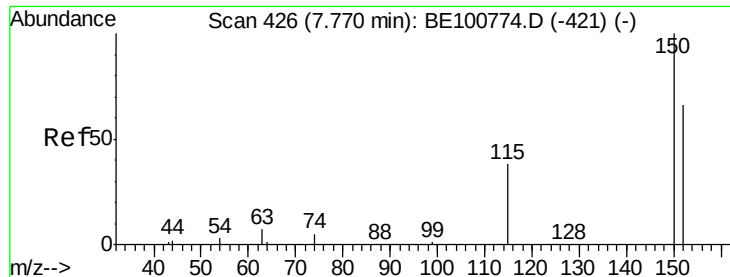
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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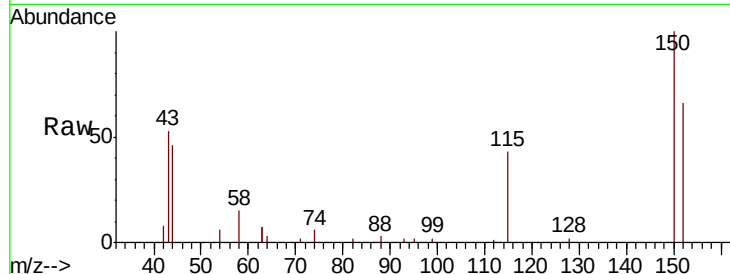


#1

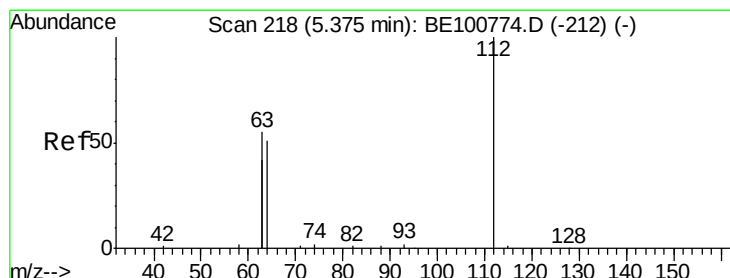
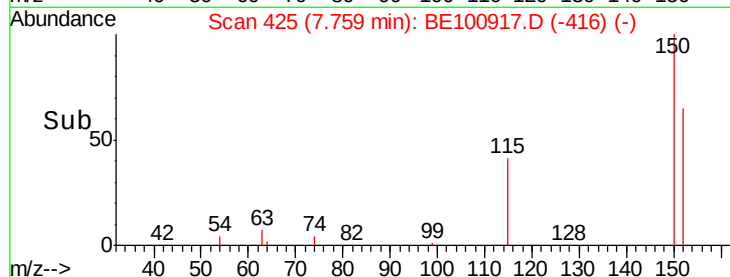
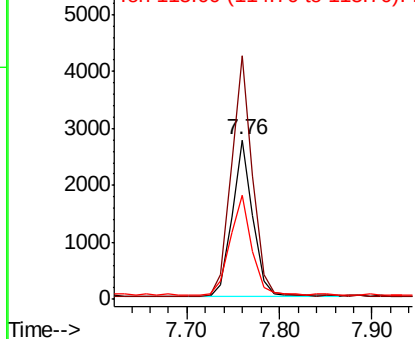
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.76 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BE100917.D
 Acq: 16 Dec 2019 12:17

Instrument :
 BNA_E
 ClientSampleId :
 PB125411BL

Tot Ion:152 Resp: 4265
 Ion Ratio Lower Upper
 152 100
 150 152.5 125.5 188.3
 115 65.5 55.7 83.5



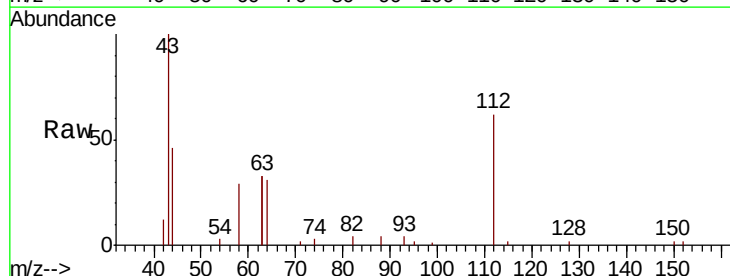
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



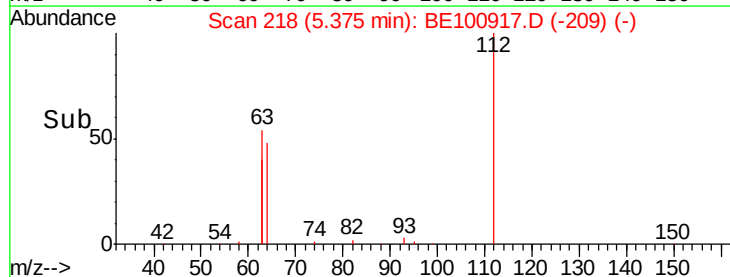
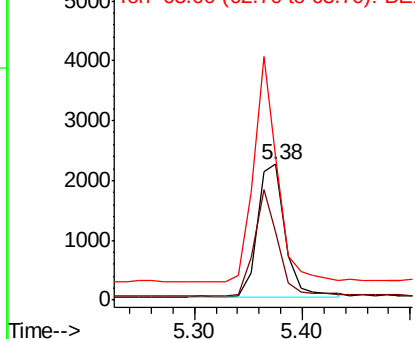
#4

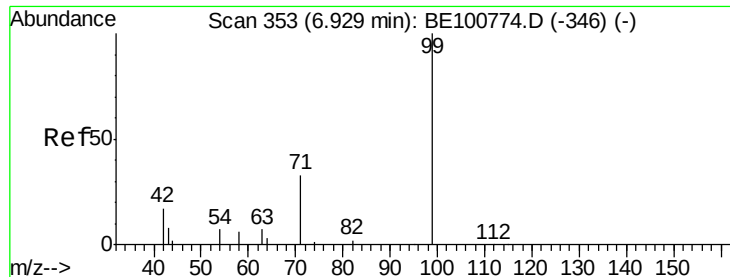
2-Fluorophenol
 Concen: 0.391 ng
 RT: 5.38 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: BE100917.D
 Acq: 16 Dec 2019 12:17

Tgt Ion:112 Resp: 3959
 Ion Ratio Lower Upper
 112 100
 64 69.1 54.5 81.7
 63 146.4 116.1 174.1



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: 0.388 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100917.D

Acq: 16 Dec 2019 12:17

Instrument :

BNA_E

ClientSampleId :

PB125411BL

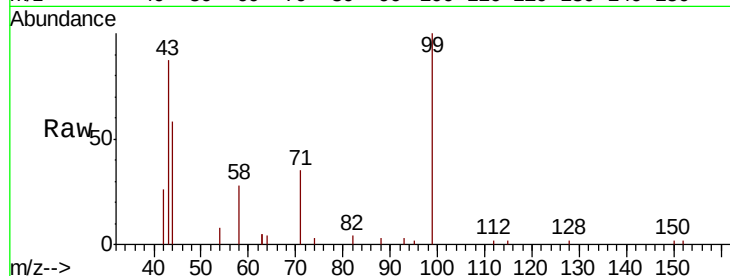
Tot Ion: 99 Resp: 5921

Ion Ratio Lower Upper

99 100

42 24.2 18.2 27.2

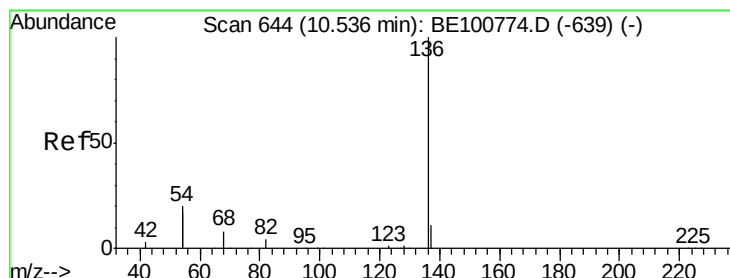
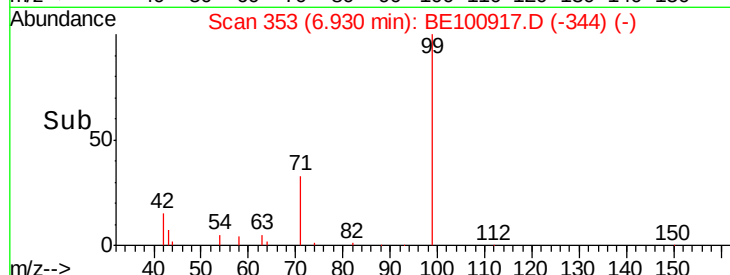
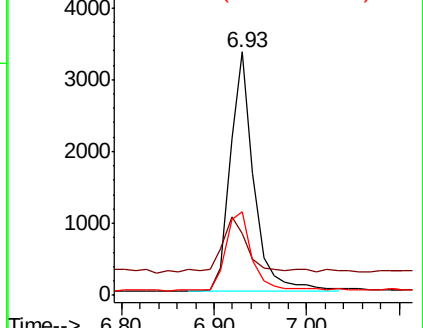
71 36.4 29.1 43.7



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: BE100917.D

Acq: 16 Dec 2019 12:17

Tgt Ion: 136 Resp: 17336

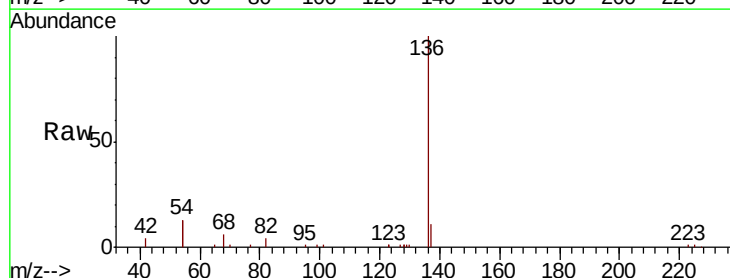
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 25.4 18.9 28.3

68 6.0 4.6 6.8

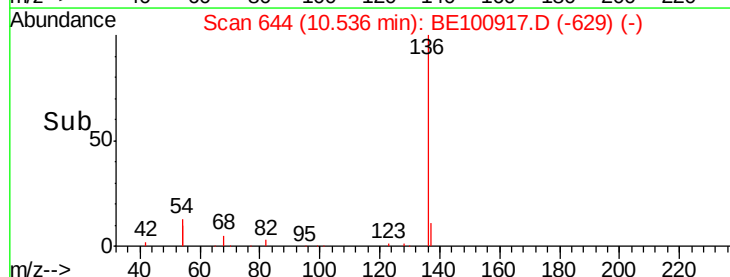
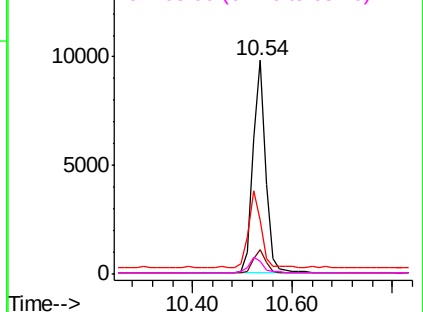


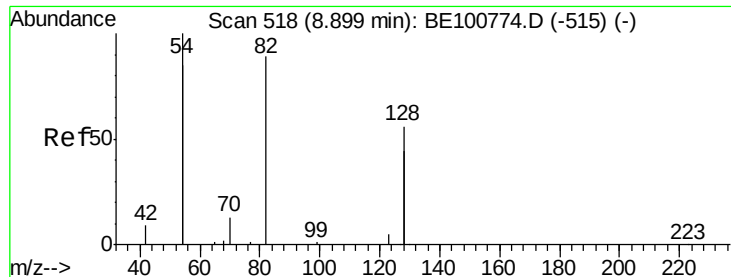
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.506 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100917.D

Acq: 16 Dec 2019 12:17

Instrument :

BNA_E

ClientSampleId :

PB125411BL

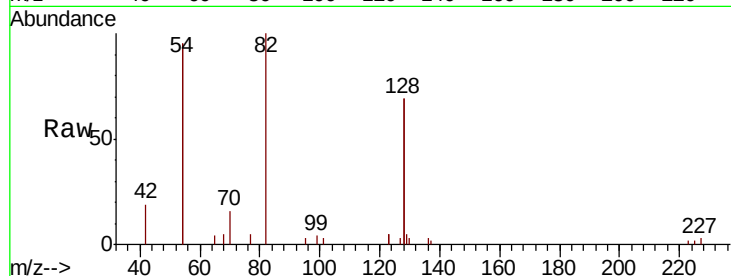
Tot Ion: 82 Resp: 4179

Ion Ratio Lower Upper

82 100

128 137.2 113.5 170.3

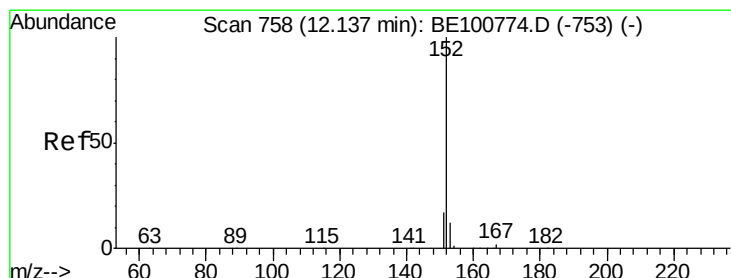
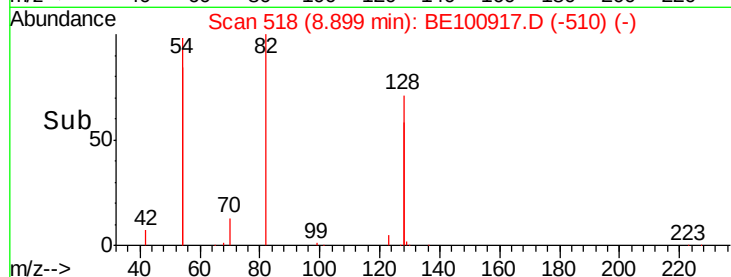
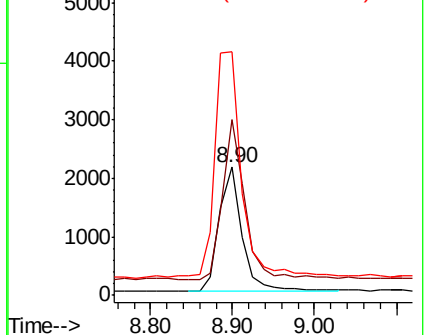
54 189.7 138.9 208.3



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: 0.387 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.01 min

Lab File: BE100917.D

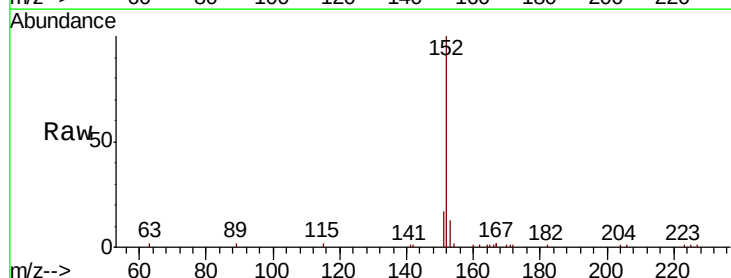
Acq: 16 Dec 2019 12:17

Tgt Ion: 152 Resp: 9720

Ion Ratio Lower Upper

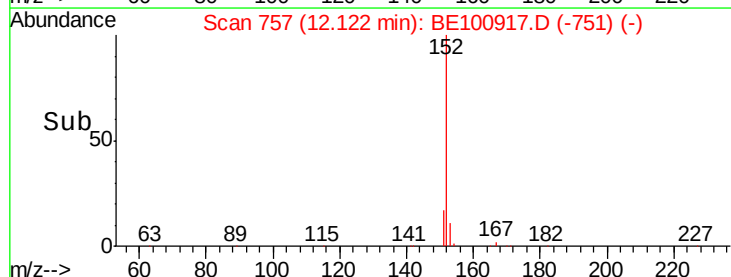
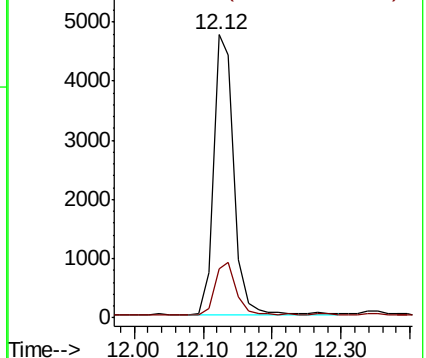
152 100

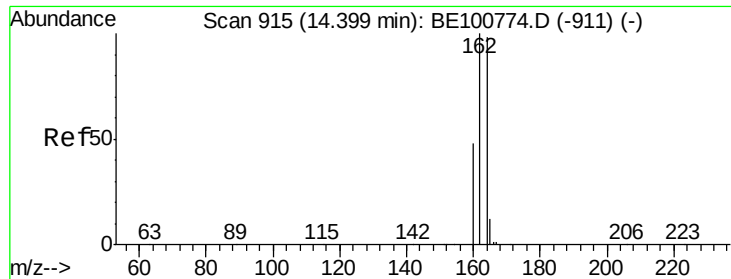
151 19.2 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

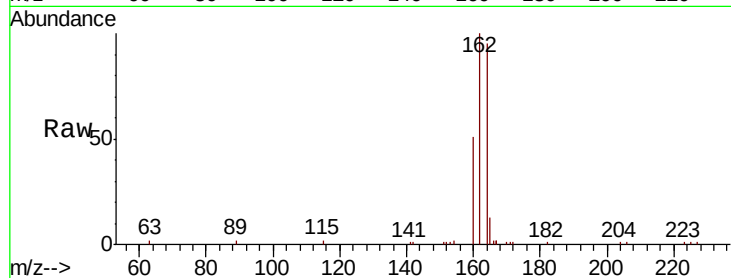




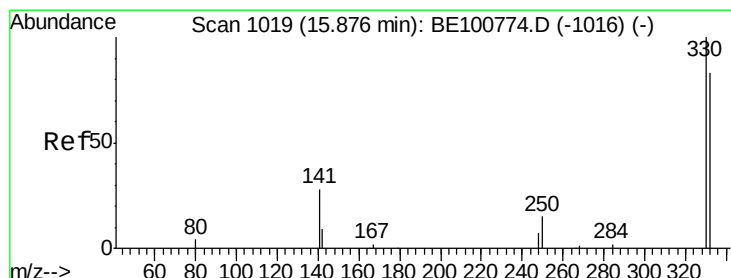
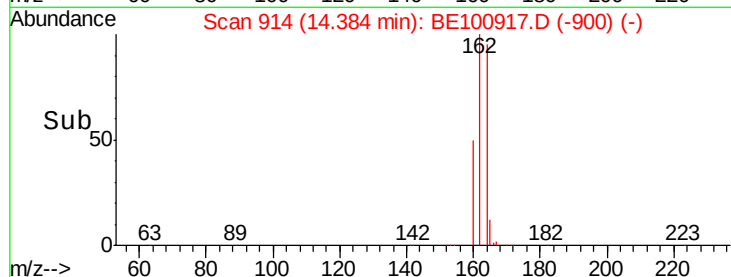
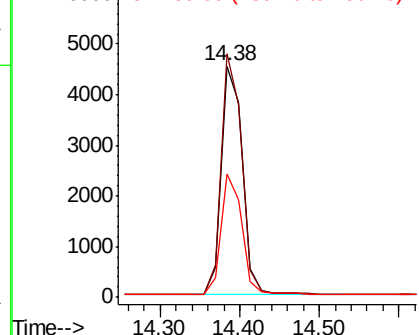
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.38 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BE100917.D
 Acq: 16 Dec 2019 12:17

Instrument :
 BNA_E
 ClientSampleId :
 PB125411BL

Tot Ion:164 Resp: 8270
 Ion Ratio Lower Upper
 164 100
 162 105.4 86.0 129.0
 160 53.5 42.3 63.5

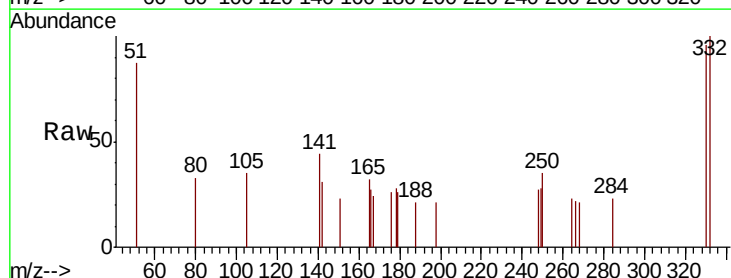


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

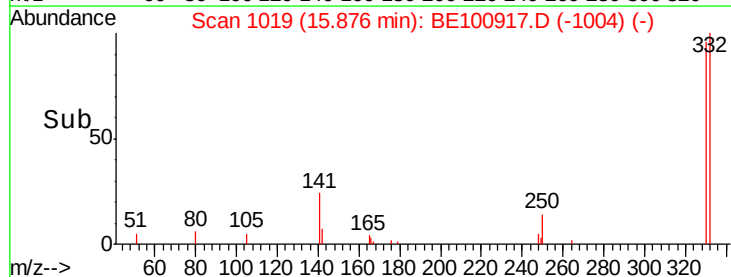
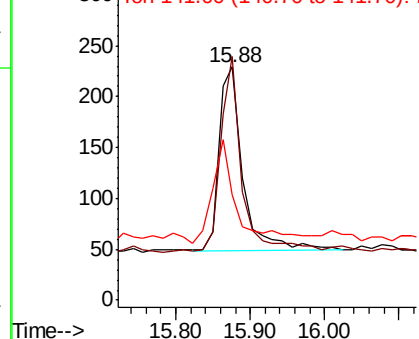


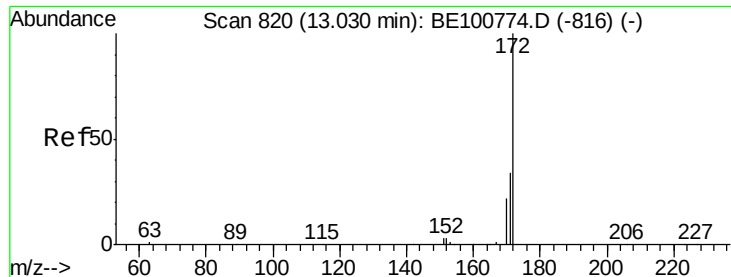
#14
 2,4,6-Tribromophenol
 Concen: 0.453 ng
 RT: 15.88 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BE100917.D
 Acq: 16 Dec 2019 12:17

Tgt Ion:330 Resp: 417
 Ion Ratio Lower Upper
 330 100
 332 94.7 74.1 111.1
 141 56.1 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

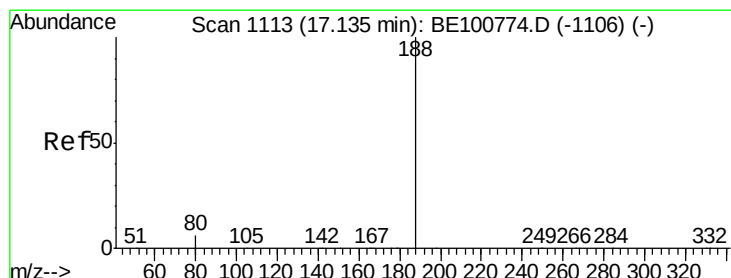
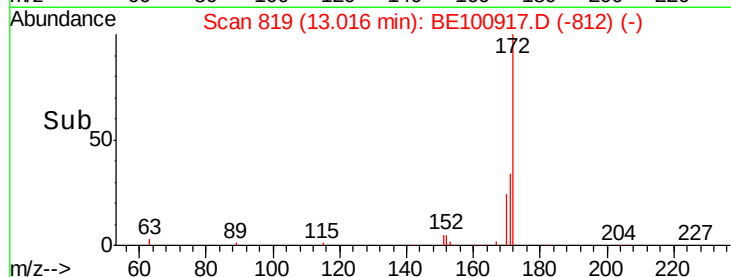
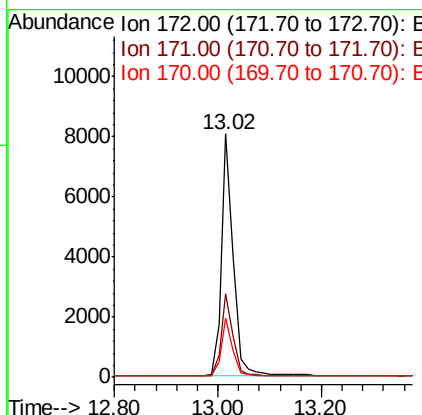
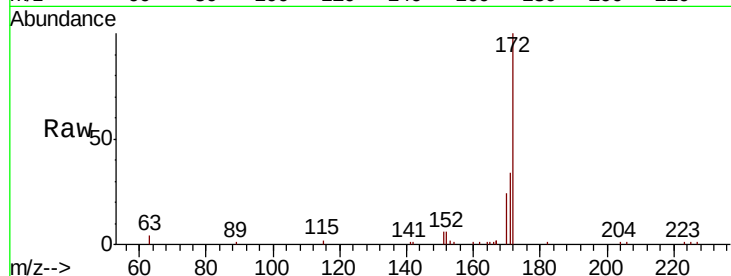




#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100917.D
Acq: 16 Dec 2019 12:17

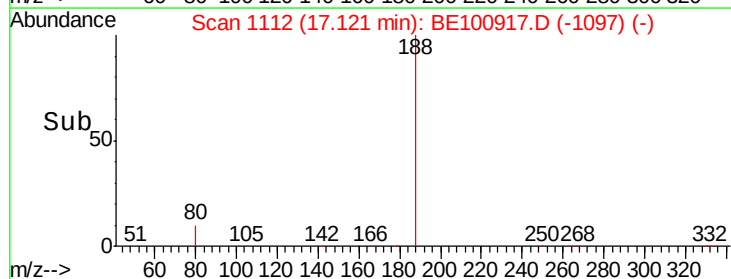
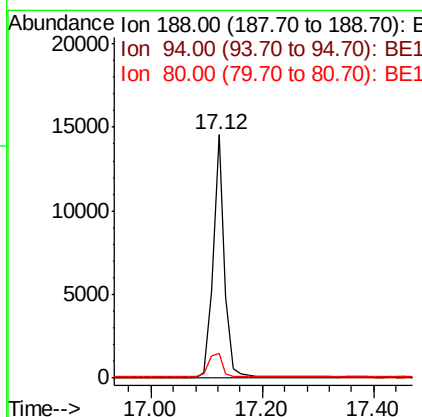
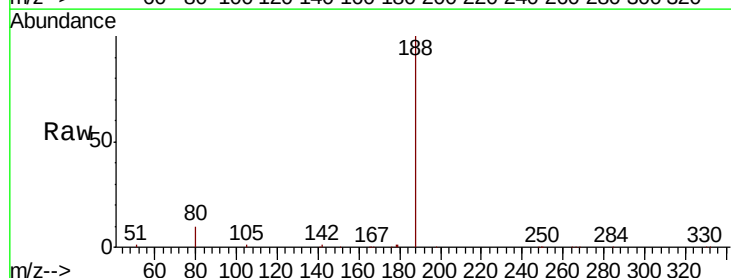
Instrument :
BNA_E
ClientSampleId :
PB125411BL

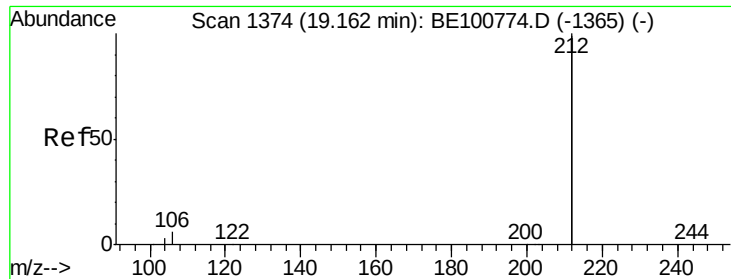
Tot Ion:172 Resp: 12906
Ion Ratio Lower Upper
172 100
171 34.3 28.2 42.4
170 24.4 19.4 29.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100917.D
Acq: 16 Dec 2019 12:17

Tgt Ion:188 Resp: 20836
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 7.9 11.9





#25

Fluoranthene-d10

Concen: 0.371 ng

RT: 19.15 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BE100917.D

Acq: 16 Dec 2019 12:17

Instrument :

BNA_E

ClientSampleId :

PB125411BL

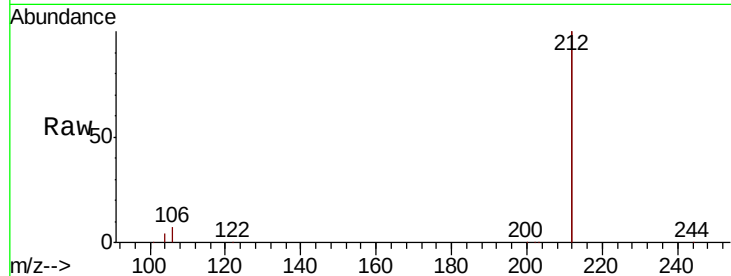
Tot Ion:212 Resp: 91241

Ion Ratio Lower Upper

212 100

106 3.3 2.6 4.0

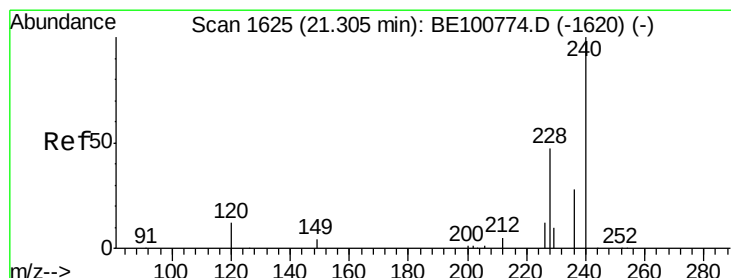
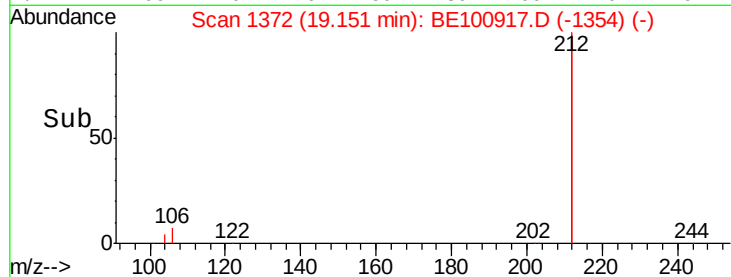
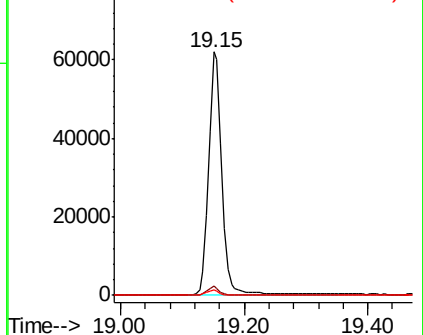
104 1.9 1.4 2.2



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: 21.30 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE100917.D

Acq: 16 Dec 2019 12:17

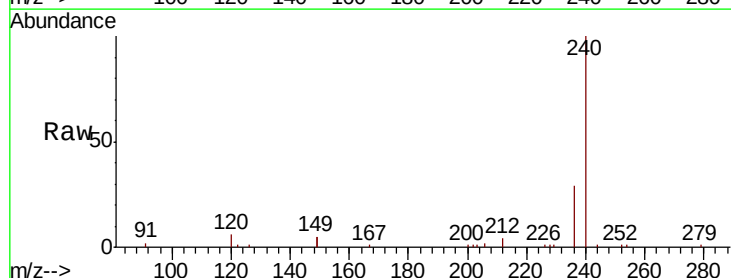
Tgt Ion:240 Resp: 16675

Ion Ratio Lower Upper

240 100

120 5.9 4.0 6.0

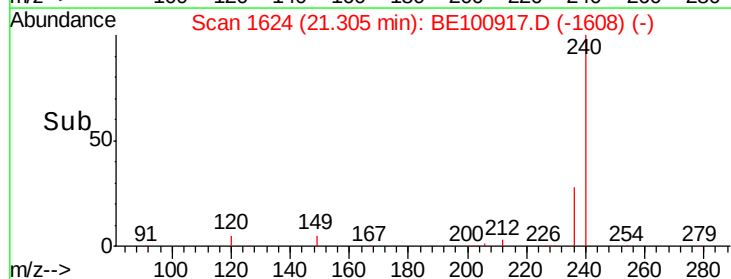
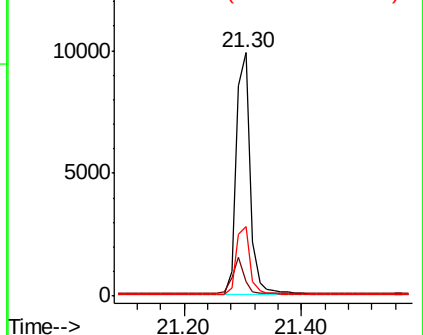
236 28.8 21.6 32.4

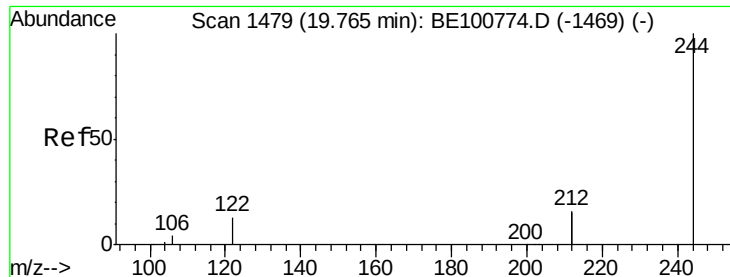


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.427 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BE100917.D

Acq: 16 Dec 2019 12:17

Instrument :

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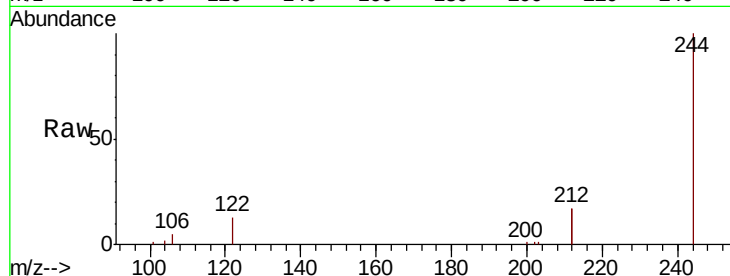
Tot Ion:244 Resp: 17058

Ion Ratio Lower Upper

244 100

212 33.3 25.2 37.8

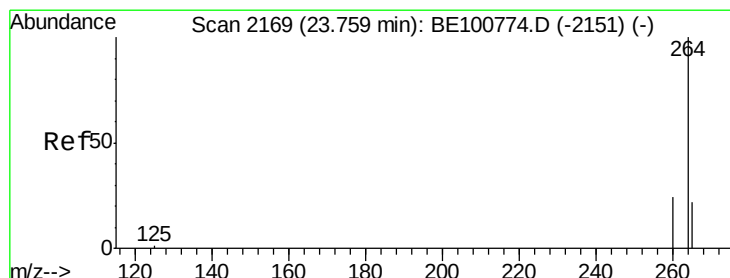
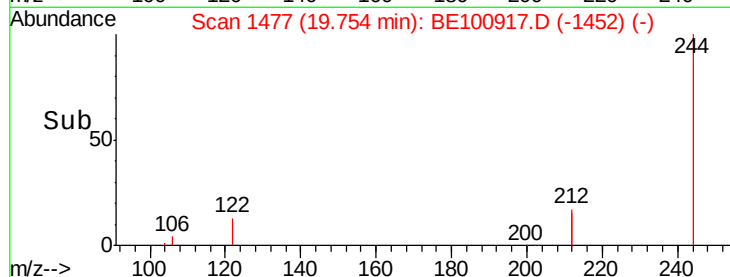
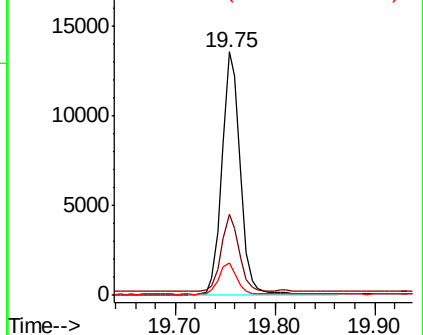
122 13.2 8.9 13.3



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.74 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BE100917.D

Acq: 16 Dec 2019 12:17

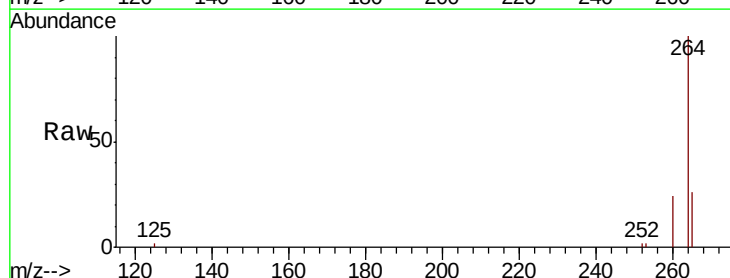
Tgt Ion:264 Resp: 18638

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.0

265 26.1 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

