

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121619\
 Data File : BE100934.D
 Acq On : 17 Dec 2019 1:01
 Operator : JU
 Sample : PB125440BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB125440BL

Quant Time: Dec 17 07:03:09 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	4221	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	17546	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	8529	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	20581	0.40	ng	0.00
27) Chrysene-d12	21.29	240	18566	0.40	ng	-0.01
34) Perylene-d12	23.74	264	21064	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	4560	0.46	ng	0.00
5) Phenol-d6	6.93	99	6777	0.45	ng	0.00
8) Nitrobenzene-d5	8.90	82	4759	0.57	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	9464	0.37	ng	-0.01
14) 2,4,6-Tribromophenol	15.86	330	461	0.49	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	13317	0.39	ng	0.00
25) Fluoranthene-d10	19.15	212	93842	0.39	ng	0.00
29) Terphenyl-d14	19.75	244	18336	0.41	ng	0.00

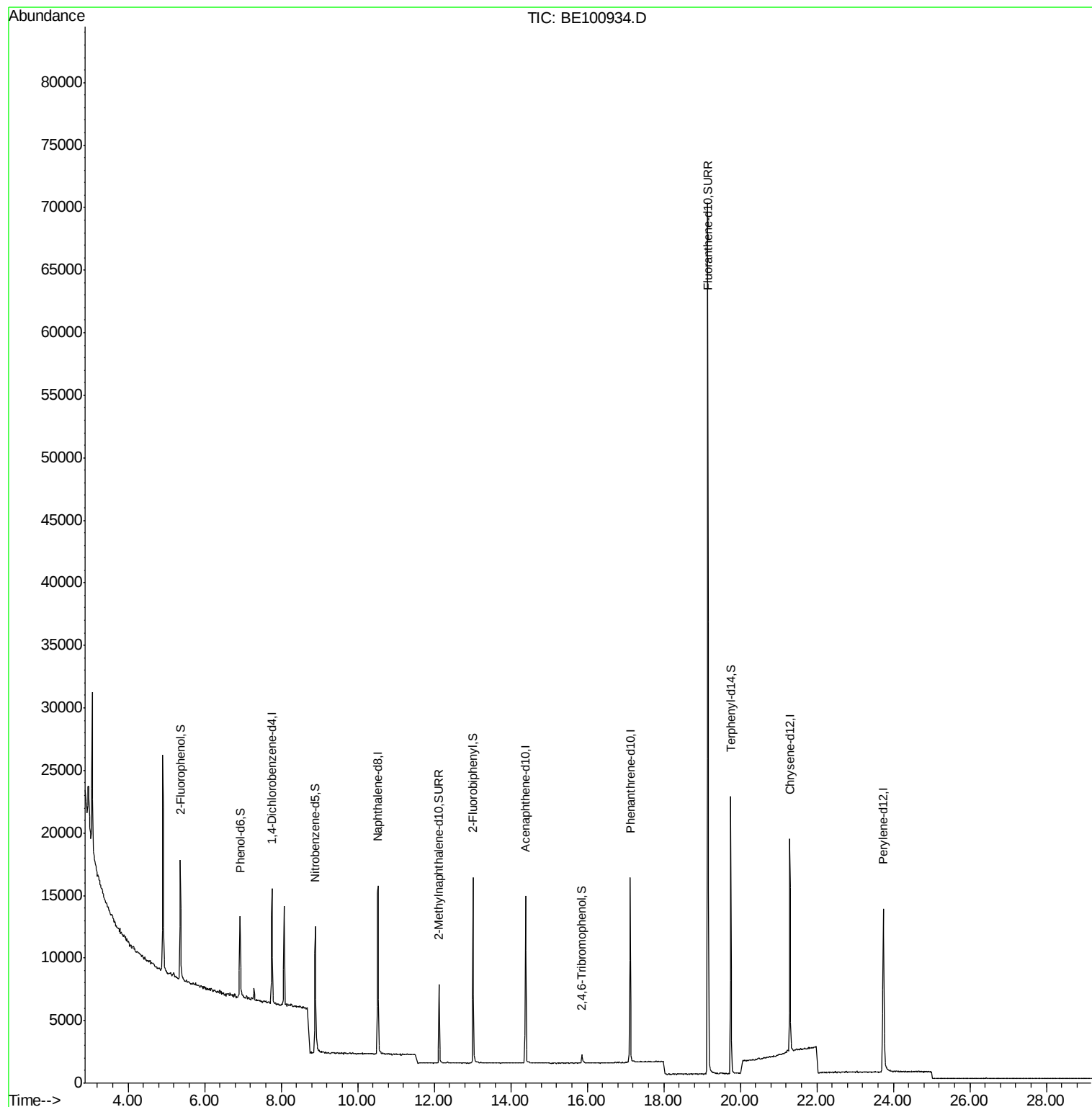
Target Compounds	Qvalue
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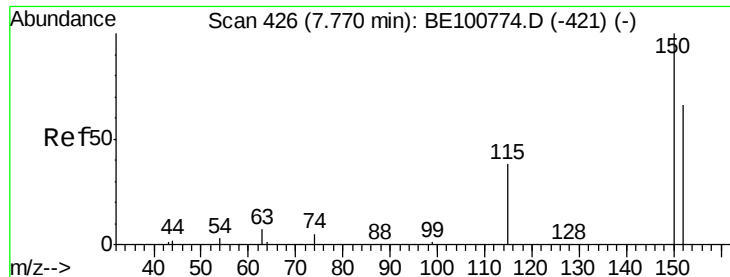
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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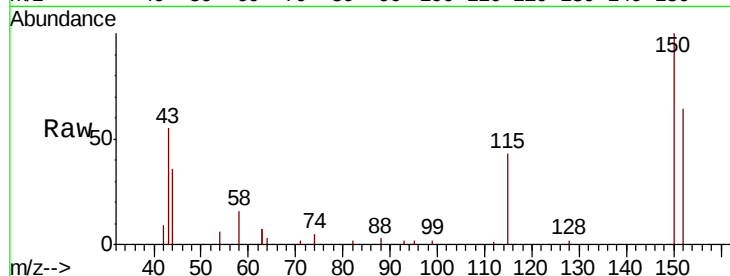




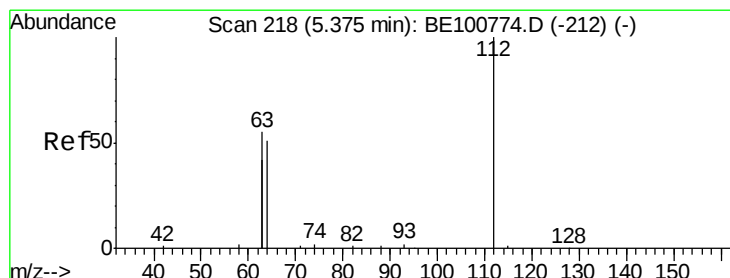
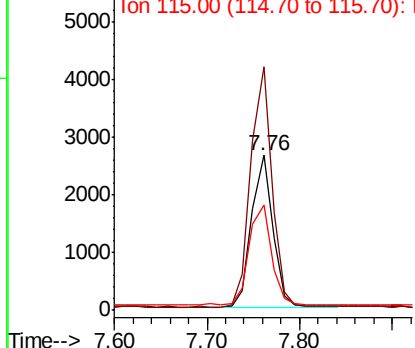
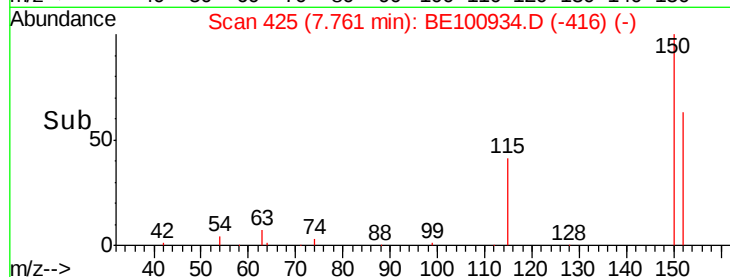
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.76 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BE100934.D
 Acq: 17 Dec 2019 1:01

Instrument :
 BNA_E
 ClientSampleId :
 PB125440BL

Tot Ion:152 Resp: 4221
 Ion Ratio Lower Upper
 152 100
 150 156.9 125.5 188.3
 115 68.0 55.7 83.5

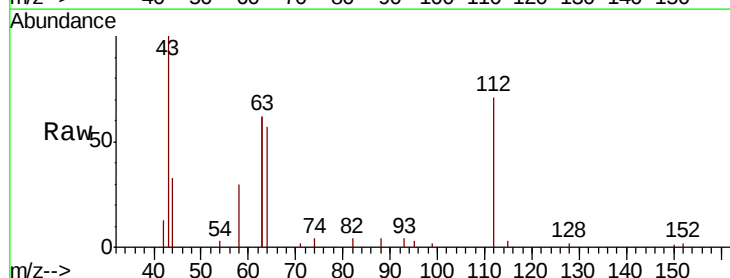


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

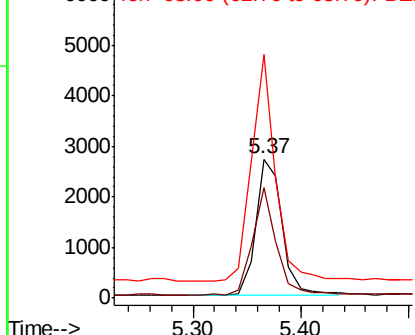
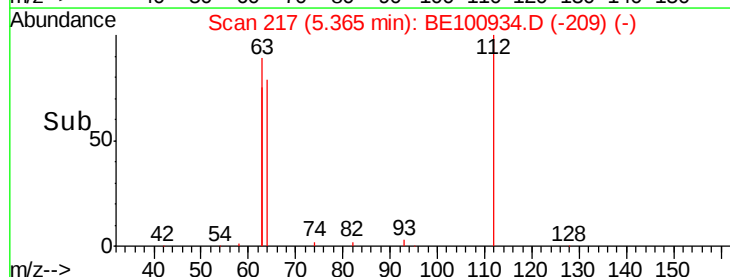


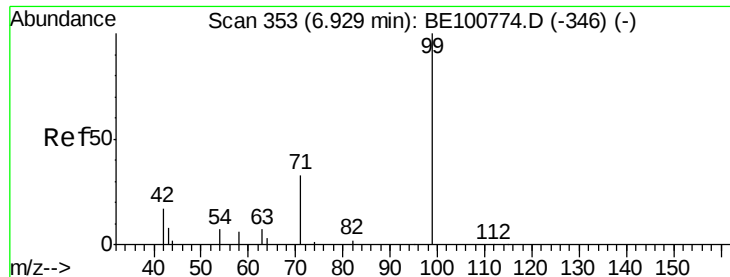
#4
 2-Fluorophenol
 Concen: 0.455 ng
 RT: 5.37 min Scan# 217
 Delta R.T. -0.01 min
 Lab File: BE100934.D
 Acq: 17 Dec 2019 1:01

Tgt Ion:112 Resp: 4560
 Ion Ratio Lower Upper
 112 100
 64 69.7 54.5 81.7
 63 151.2 116.1 174.1



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: 0.448 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100934.D

Acq: 17 Dec 2019 1:01

Instrument :

BNA_E

ClientSampleId :

PB125440BL

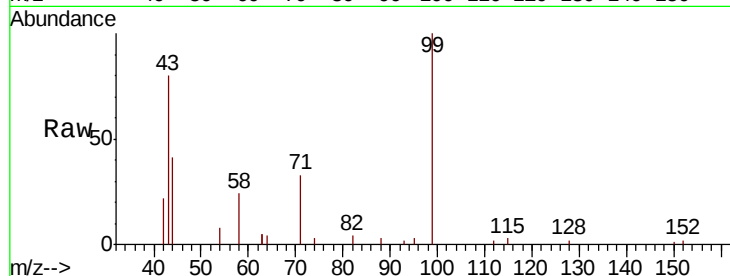
Tot Ion: 99 Resp: 6777

Ion Ratio Lower Upper

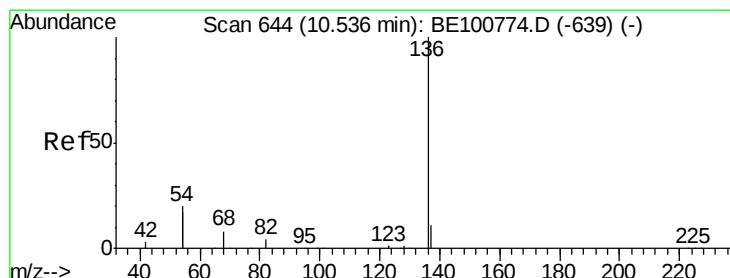
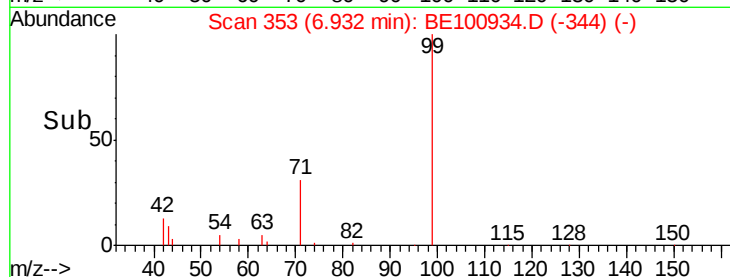
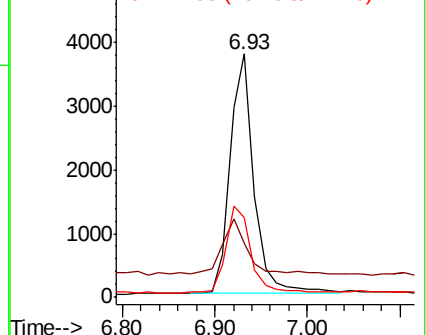
99 100

42 21.8 18.2 27.2

71 38.0 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: BE100934.D

Acq: 17 Dec 2019 1:01

Tgt Ion: 136 Resp: 17546

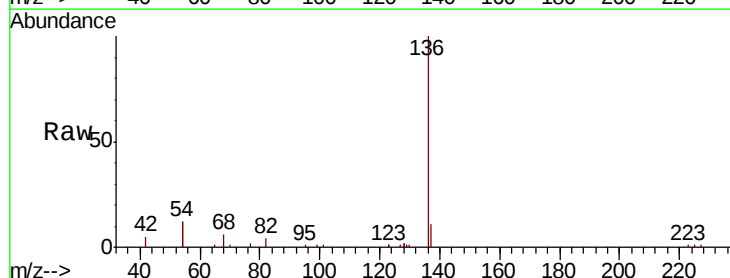
Ion Ratio Lower Upper

136 100

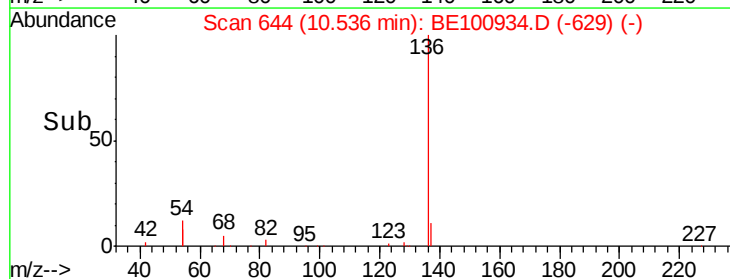
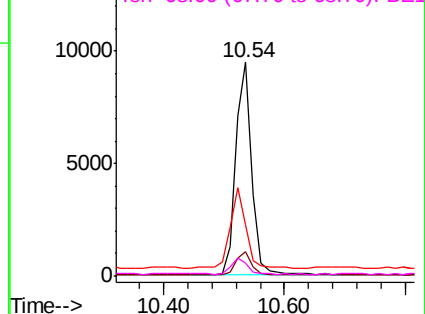
137 11.4 9.1 13.7

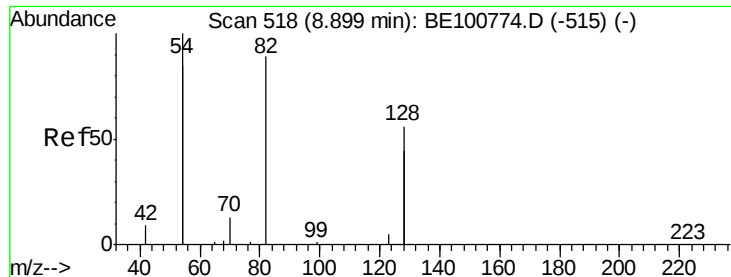
54 23.9 18.9 28.3

68 6.1 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: 0.570 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100934.D

Acq: 17 Dec 2019 1:01

Instrument :

BNA_E

ClientSampleId :

PB125440BL

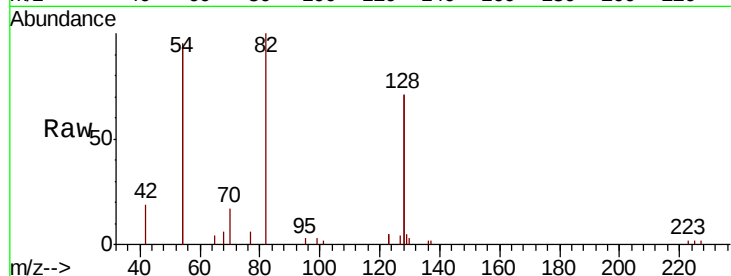
Tot Ion: 82 Resp: 4759

Ion Ratio Lower Upper

82 100

128 142.8 113.5 170.3

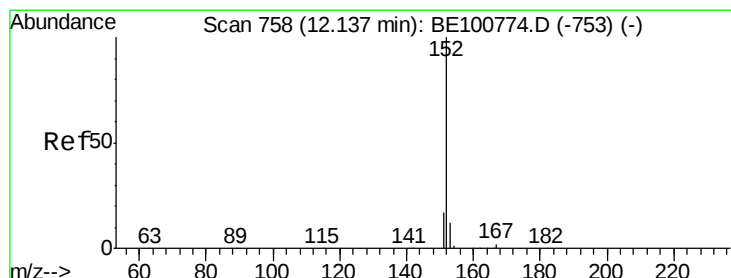
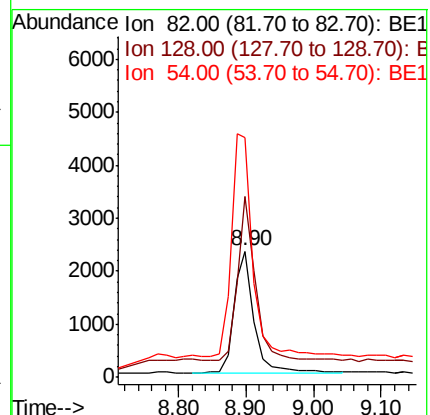
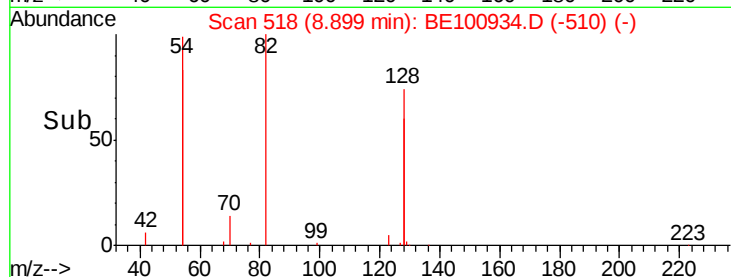
54 190.3 138.9 208.3



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: 0.372 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.01 min

Lab File: BE100934.D

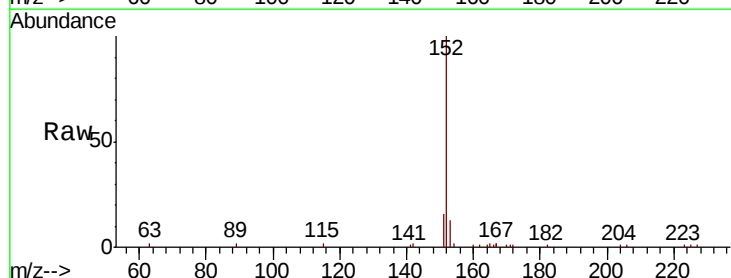
Acq: 17 Dec 2019 1:01

Tgt Ion: 152 Resp: 9464

Ion Ratio Lower Upper

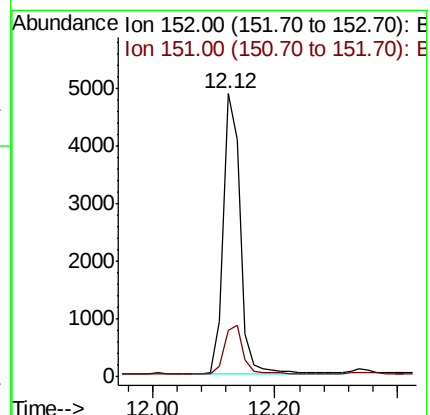
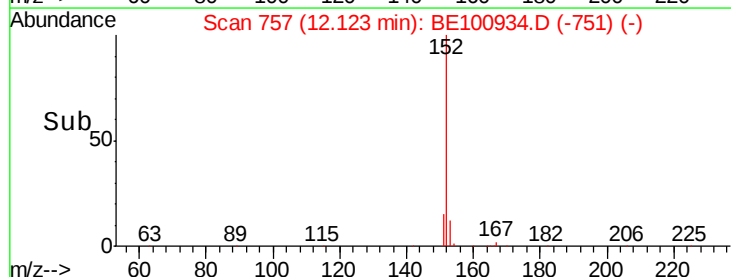
152 100

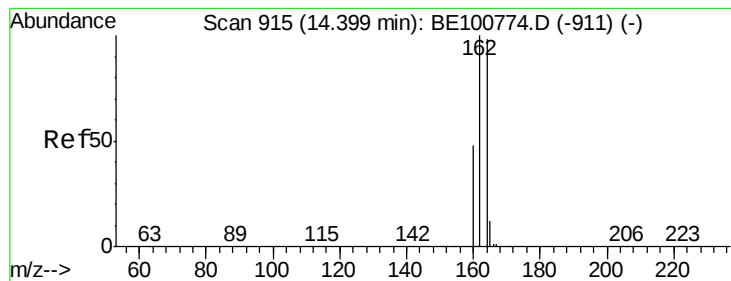
151 19.4 15.1 22.7



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: BE100934.D

Acq: 17 Dec 2019 1:01

Instrument :

BNA_E

ClientSampleId :

PB125440BL

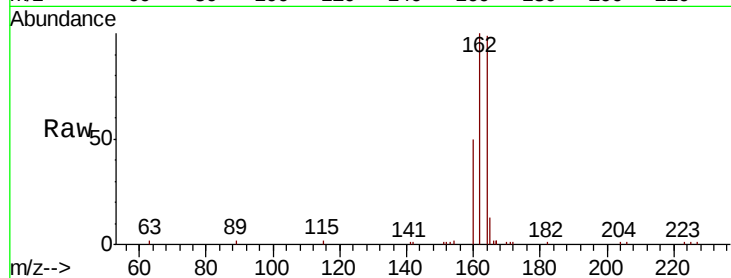
Tot Ion:164 Resp: 8529

Ion Ratio Lower Upper

164 100

162 100.9 86.0 129.0

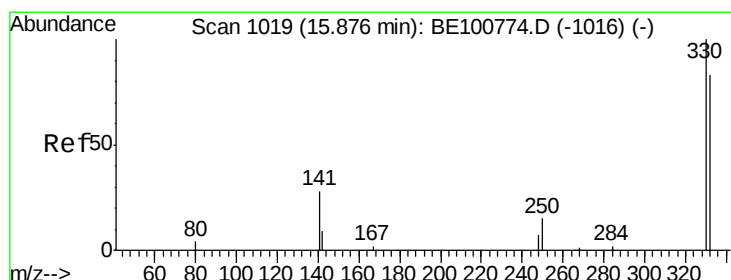
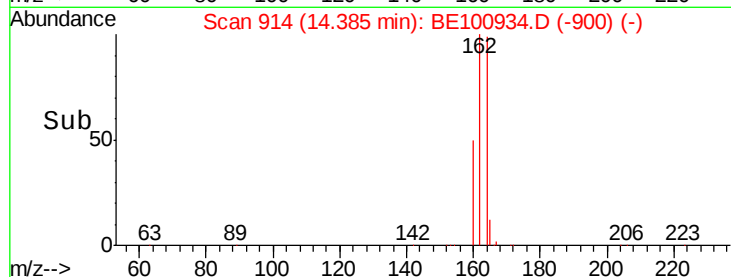
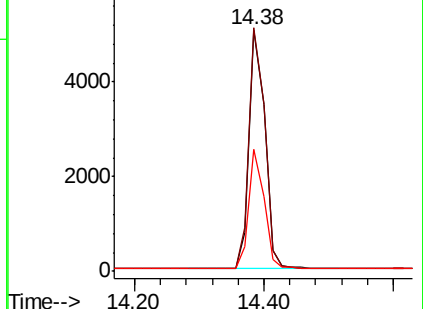
160 50.5 42.3 63.5



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: 0.486 ng

RT: 15.86 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE100934.D

Acq: 17 Dec 2019 1:01

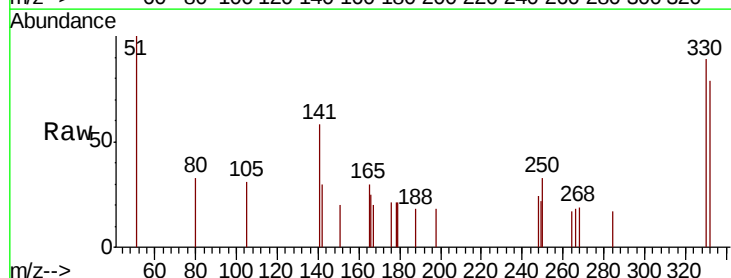
Tgt Ion:330 Resp: 461

Ion Ratio Lower Upper

330 100

332 100.9 74.1 111.1

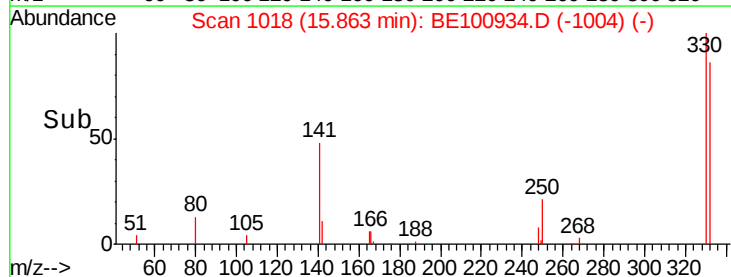
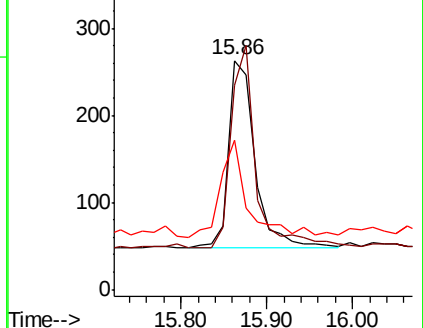
141 57.0 46.7 70.1

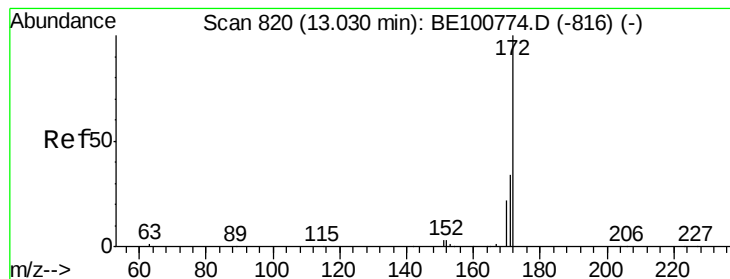


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.394 ng

RT: 13.02 min Scan# 819

Delta R.T. -0.00 min

Lab File: BE100934.D

Acq: 17 Dec 2019 1:01

Instrument :

BNA_E

ClientSampleId :

PB125440BL

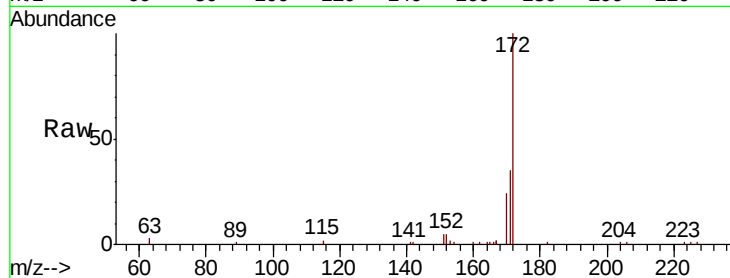
Tot Ion:172 Resp: 13317

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

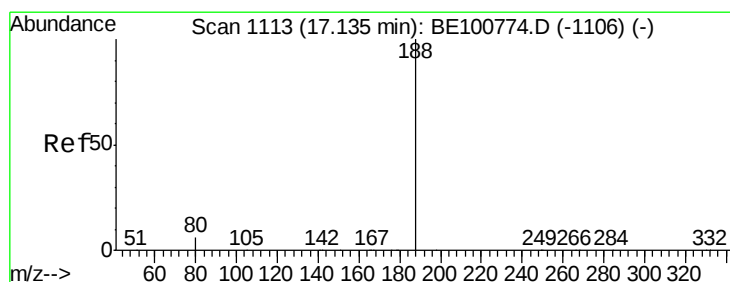
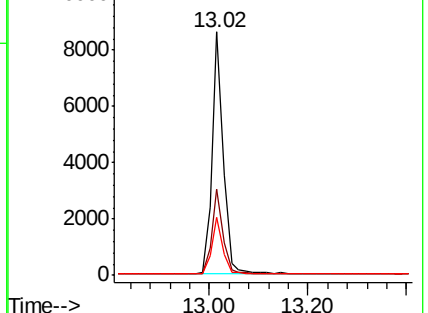
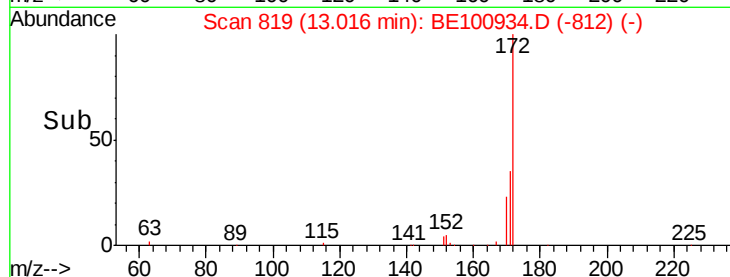
170 23.9 19.4 29.0



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: BE100934.D

Acq: 17 Dec 2019 1:01

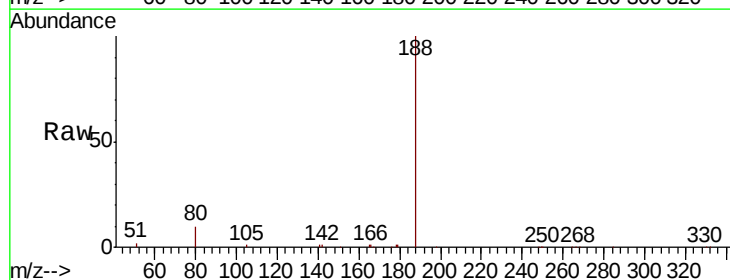
Tgt Ion:188 Resp: 20581

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

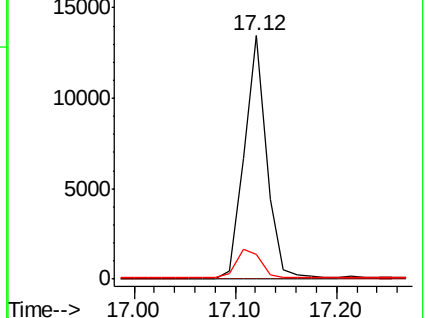
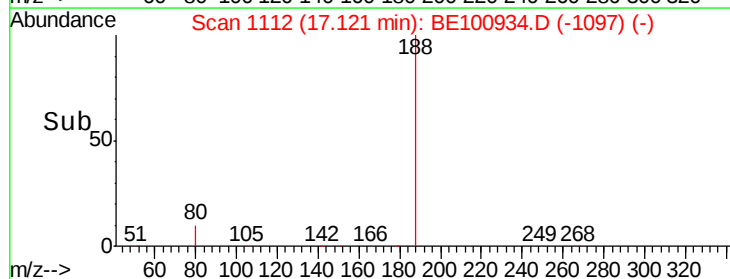
80 10.2 7.9 11.9

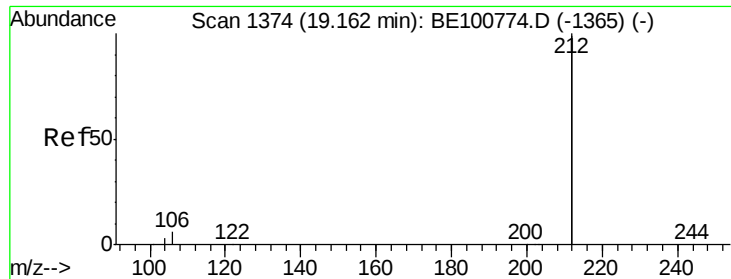


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#25

Fluoranthene-d10

Concen: 0.386 ng

RT: 19.15 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BE100934.D

Acq: 17 Dec 2019 1:01

Instrument :

BNA_E

ClientSampleId :

PB125440BL

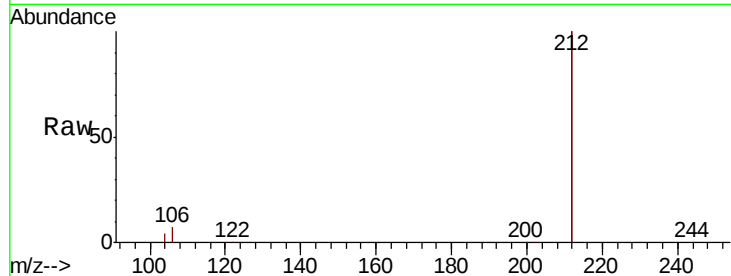
Tot Ion:212 Resp: 93842

Ion Ratio Lower Upper

212 100

106 3.3 2.6 4.0

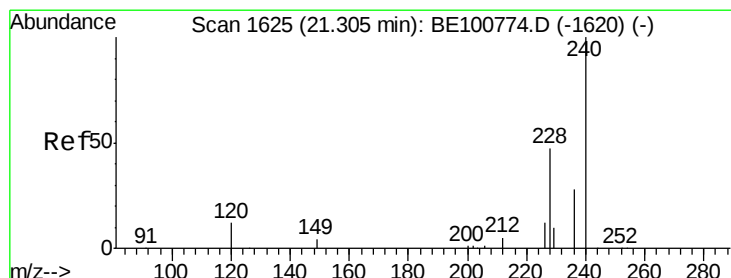
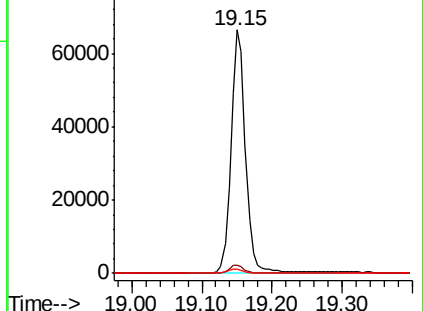
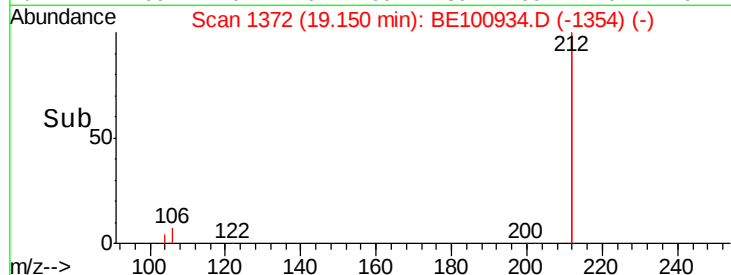
104 1.9 1.4 2.2



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: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE100934.D

Acq: 17 Dec 2019 1:01

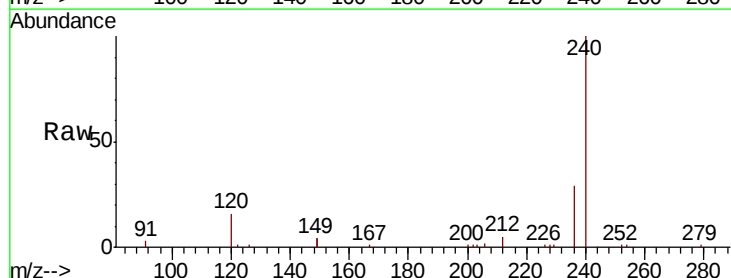
Tgt Ion:240 Resp: 18566

Ion Ratio Lower Upper

240 100

120 16.0 4.0 6.0#

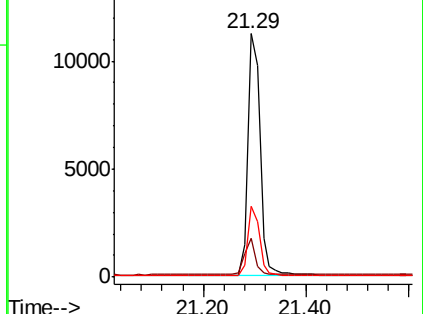
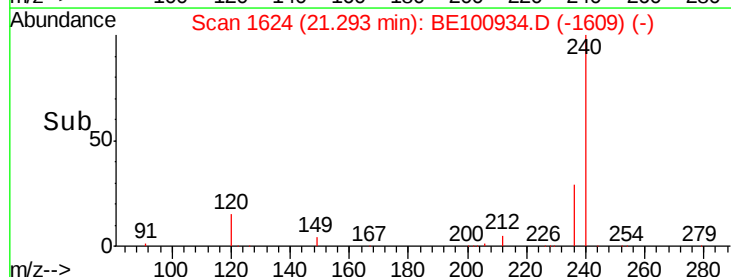
236 29.2 21.6 32.4

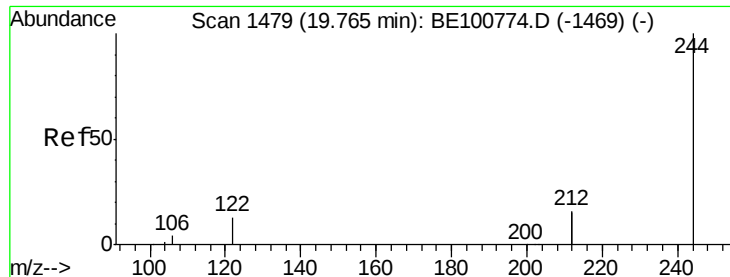


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.412 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BE100934.D

Acq: 17 Dec 2019 1:01

Instrument :

BNA_E

ClientSampleId :

PB125440BL

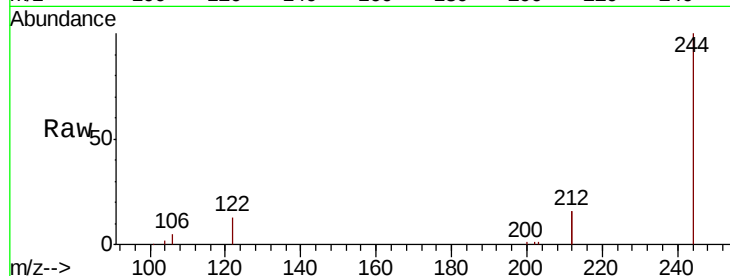
Tot Ion:244 Resp: 18336

Ion Ratio Lower Upper

244 100

212 32.4 25.2 37.8

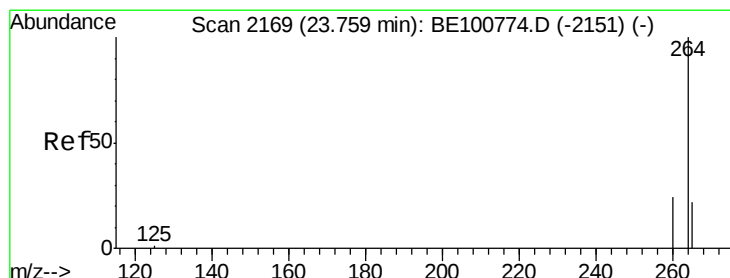
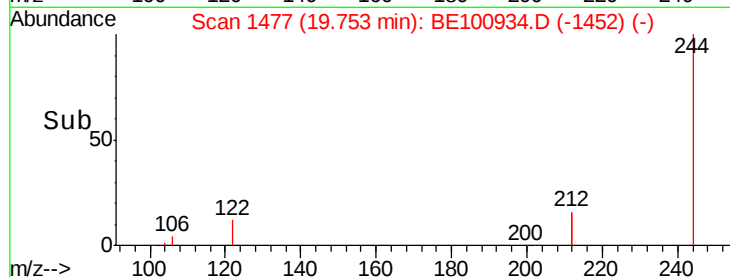
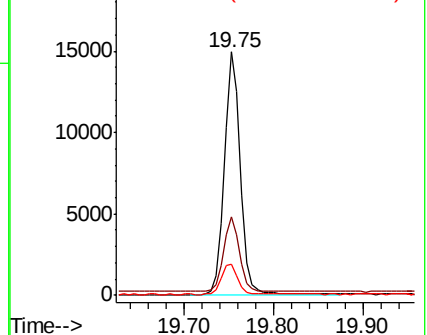
122 12.5 8.9 13.3



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: BE100934.D

Acq: 17 Dec 2019 1:01

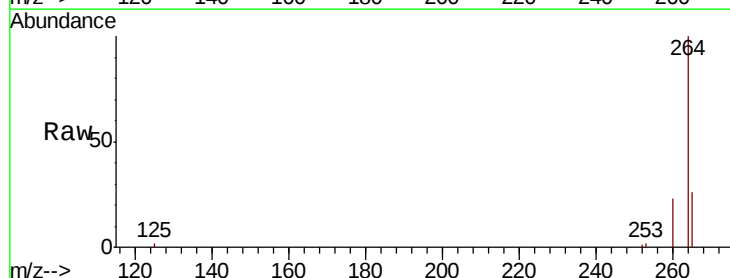
Tgt Ion:264 Resp: 21064

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

265 25.7 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

