

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
 Data File : BE100903.D
 Acq On : 14 Dec 2019 1:57
 Operator : JU
 Sample : K6251-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP04-20191206

Quant Time: Dec 14 03:08:48 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

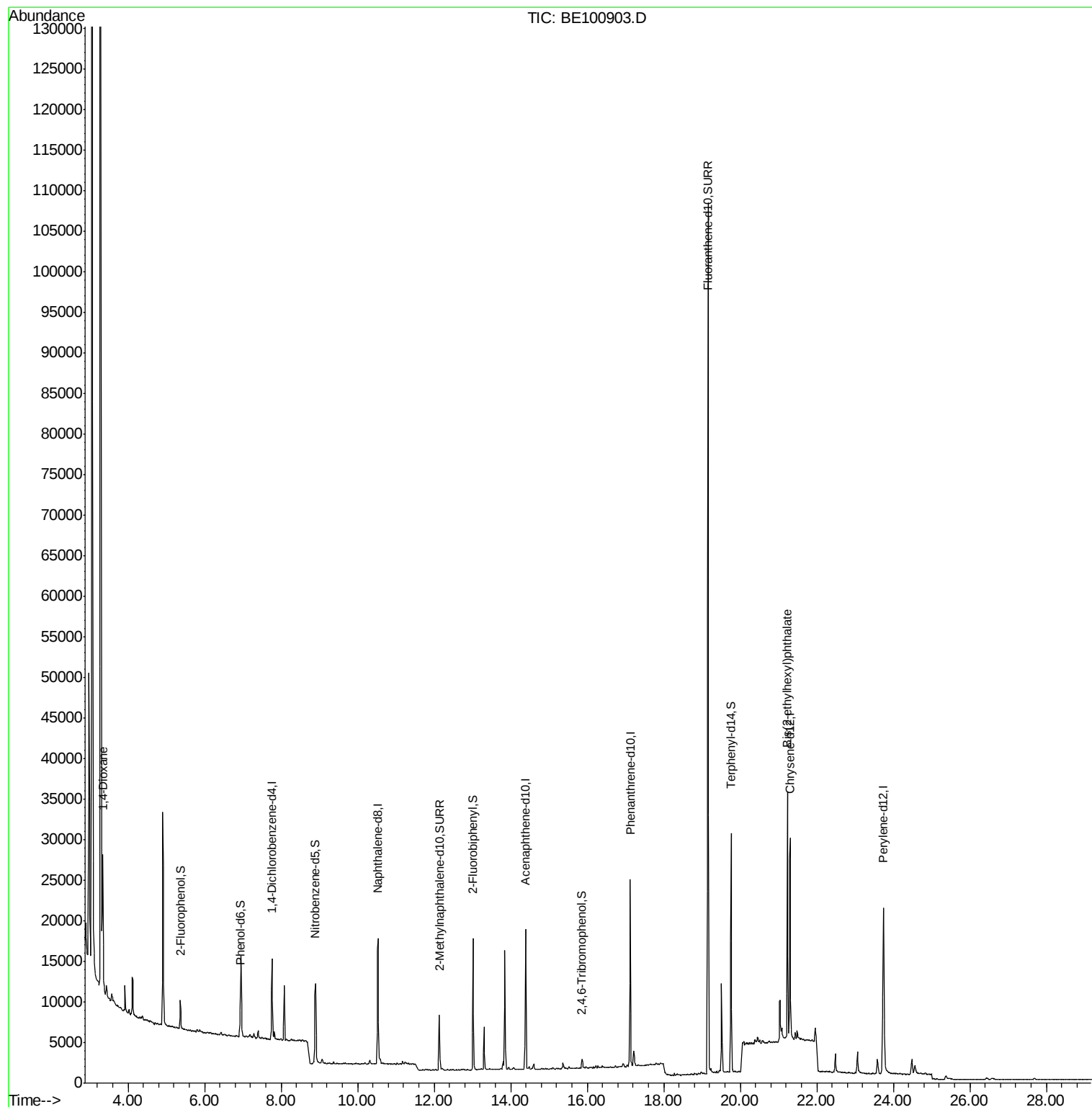
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4235	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	19192	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	11214	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	29260	0.40	ng	0.00
27) Chrysene-d12	21.31	240	28371	0.40	ng	0.00
34) Perylene-d12	23.74	264	31211	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	1726	0.17	ng	-0.01
5) Phenol-d6	6.93	99	1740	0.11	ng	0.00
8) Nitrobenzene-d5	8.90	82	4281	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	10323	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	631	0.51	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	14102	0.32	ng	0.00
25) Fluoranthene-d10	19.15	212	135343	0.39	ng	0.00
29) Terphenyl-d14	19.76	244	25619	0.38	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	9971	1.291	ng	# 81
32) Bis(2-ethylhexyl)phthalate	21.23	149	31792	0.540	ng	# 98

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

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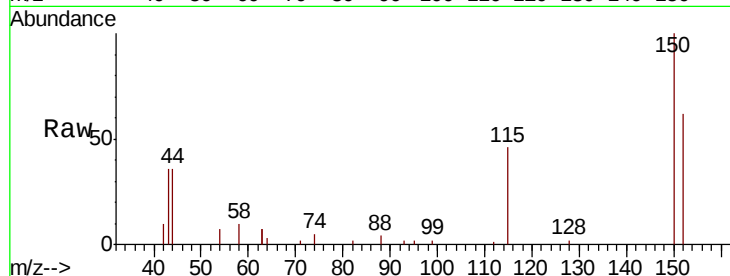


#1

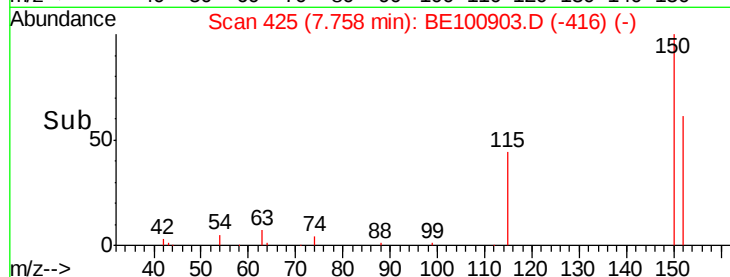
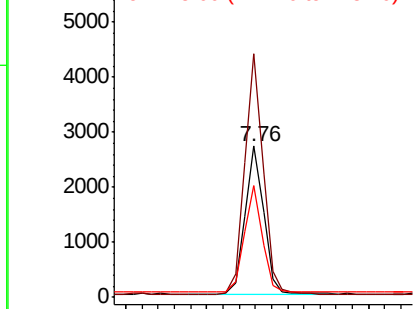
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.76 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BE100903.D
 Acq: 14 Dec 2019 1:57

Instrument :
 BNA_E
 ClientSampleId :
 DUP04-20191206

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	125.5	188.3
115	73.8	55.7	83.5



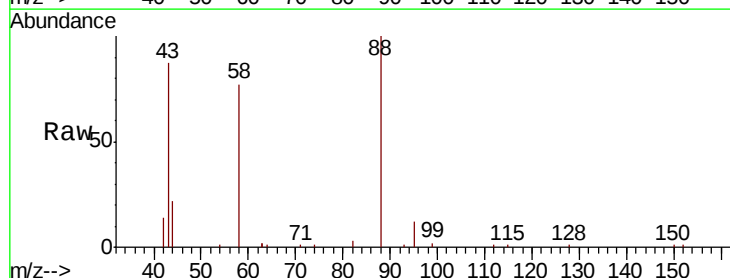
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



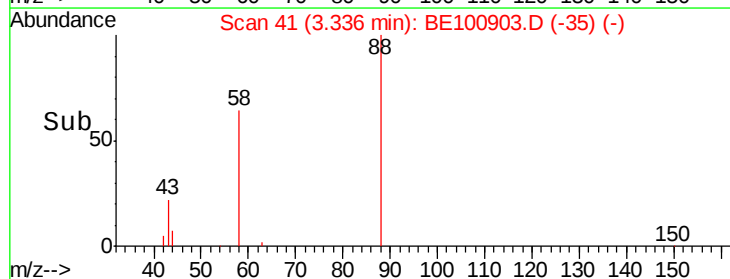
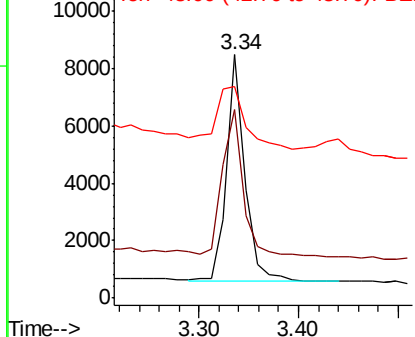
#2

1,4-Dioxane
 Concen: 1.291 ng
 RT: 3.34 min Scan# 41
 Delta R.T. 0.00 min
 Lab File: BE100903.D
 Acq: 14 Dec 2019 1:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.1	52.3	78.5
43	45.8	23.5	35.3



Abundance Ion 88.00 (87.70 to 88.70): BE1
 Ion 58.00 (57.70 to 58.70): BE1
 Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.172 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100903.D

Acq: 14 Dec 2019 1:57

Instrument :

BNA_E

ClientSampleId :

DUP04-20191206

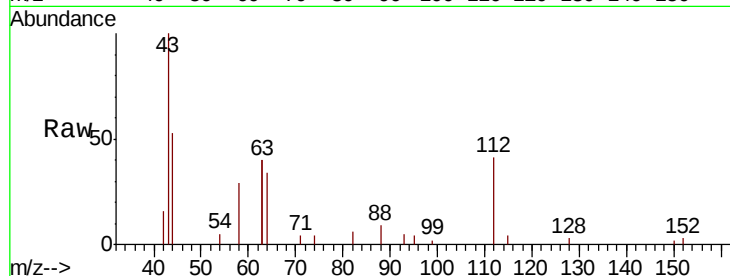
Tot Ion:112 Resp: 1726

Ion Ratio Lower Upper

112 100

64 68.7 54.5 81.7

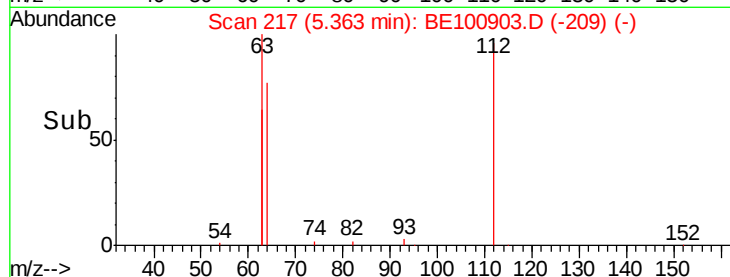
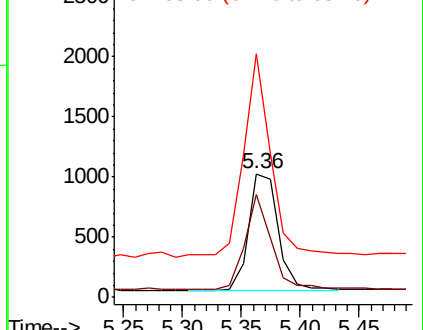
63 151.0 116.1 174.1



Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



#5

Phenol-d6

Concen: 0.115 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100903.D

Acq: 14 Dec 2019 1:57

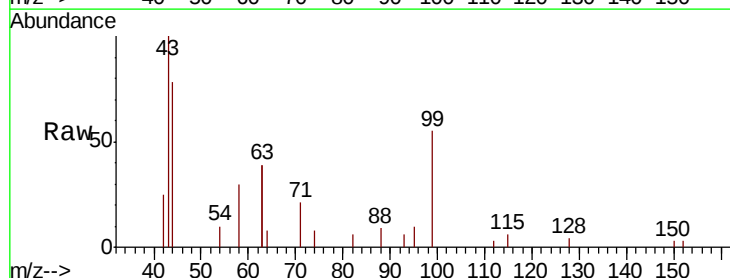
Tgt Ion: 99 Resp: 1740

Ion Ratio Lower Upper

99 100

42 49.6 18.2 27.2#

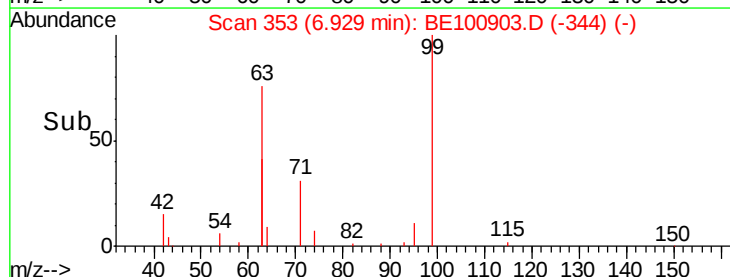
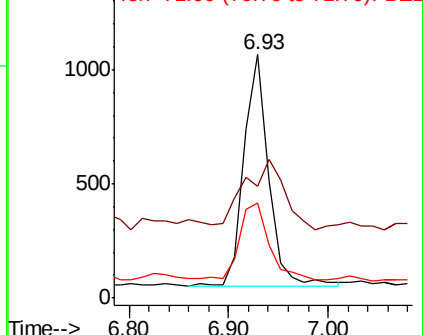
71 40.1 29.1 43.7

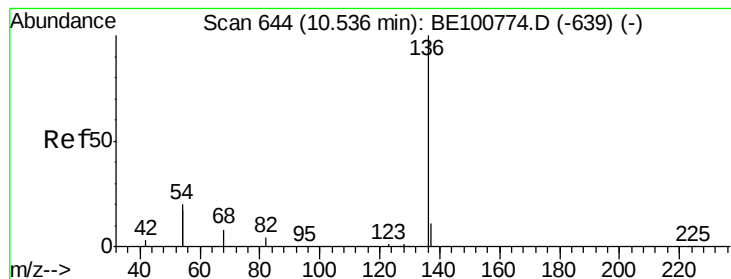


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: BE100903.D

Acq: 14 Dec 2019 1:57

Instrument :

BNA_E

ClientSampleId :

DUP04-20191206

Tot Ion:136 Resp: 19192

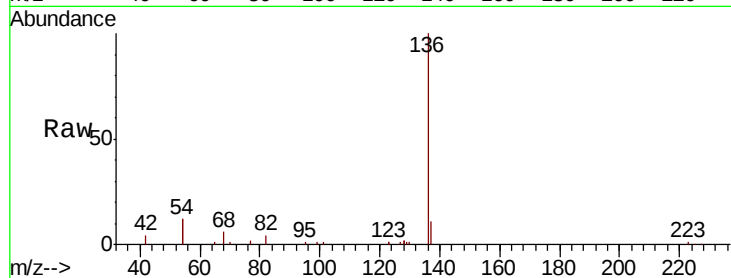
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 24.9 18.9 28.3

68 5.6 4.6 6.8

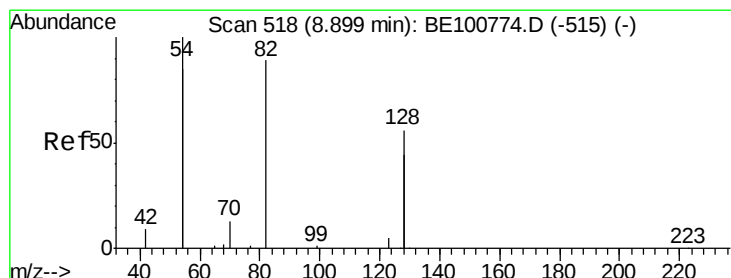
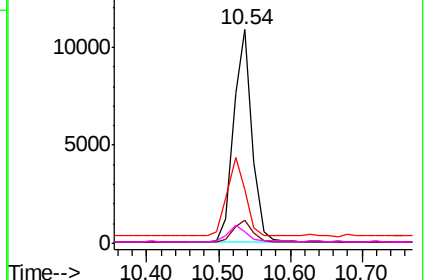
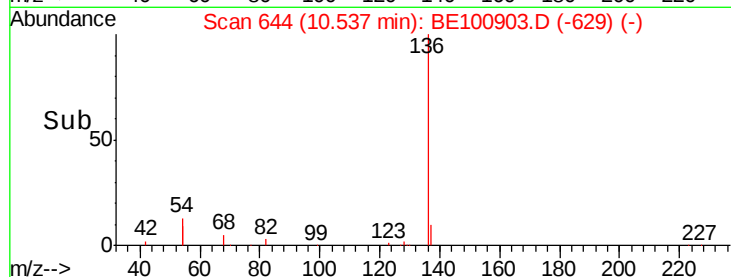


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.468 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100903.D

Acq: 14 Dec 2019 1:57

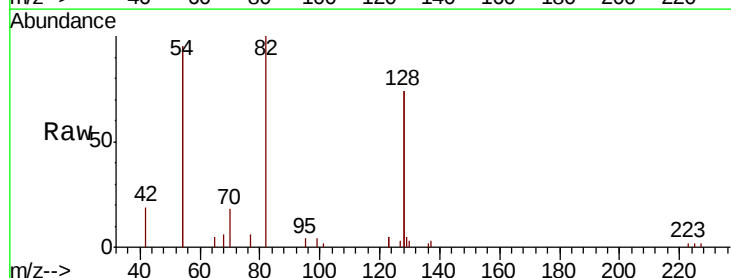
Tgt Ion: 82 Resp: 4281

Ion Ratio Lower Upper

82 100

128 147.6 113.5 170.3

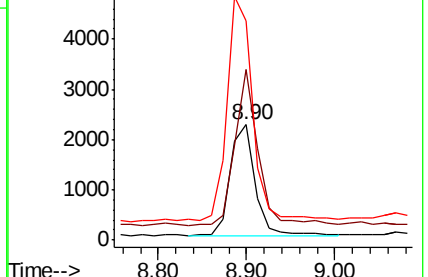
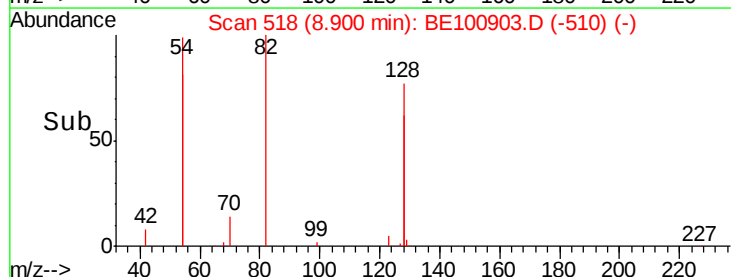
54 190.0 138.9 208.3



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.371 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE100903.D

Acq: 14 Dec 2019 1:57

Instrument :

BNA_E

ClientSampleId :

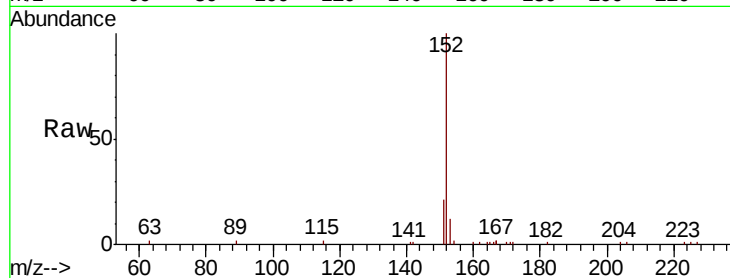
DUP04-20191206

Tot Ion:152 Resp: 10323

Ion Ratio Lower Upper

152 100

151 20.1 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.14

6000

5000

4000

3000

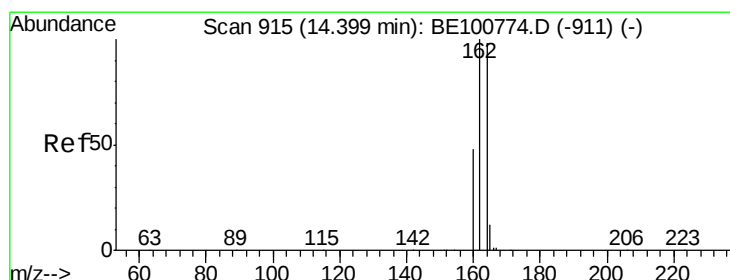
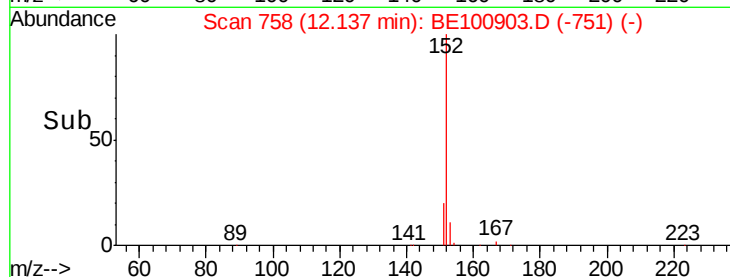
2000

1000

0

Time-->

12.00 12.10 12.20 12.30



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 914

Delta R.T. -0.00 min

Lab File: BE100903.D

Acq: 14 Dec 2019 1:57

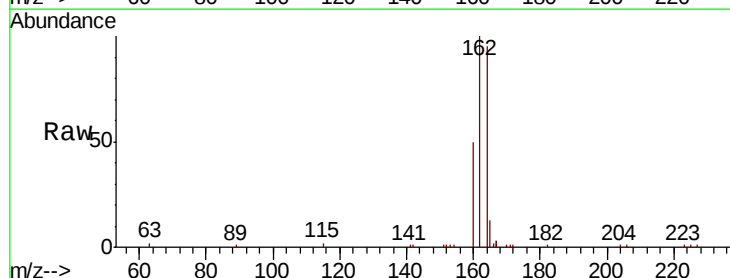
Tgt Ion:164 Resp: 11214

Ion Ratio Lower Upper

164 100

162 105.3 86.0 129.0

160 52.4 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

14.38

8000

6000

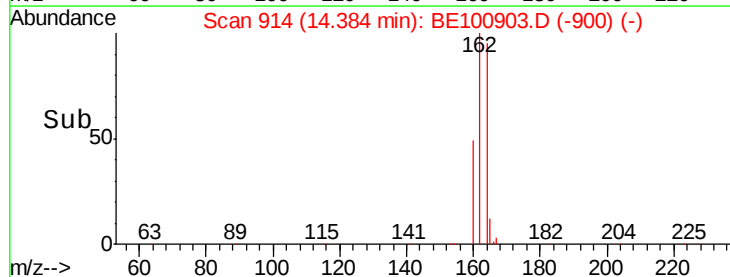
4000

2000

0

Time-->

14.30 14.40 14.50

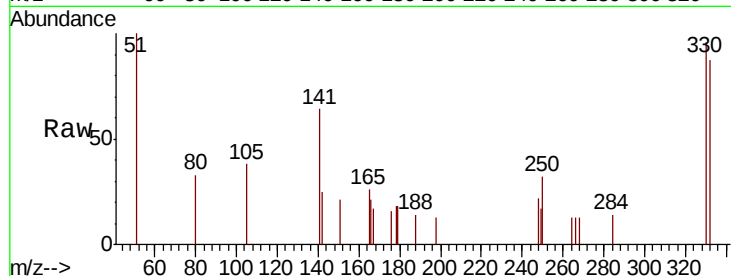




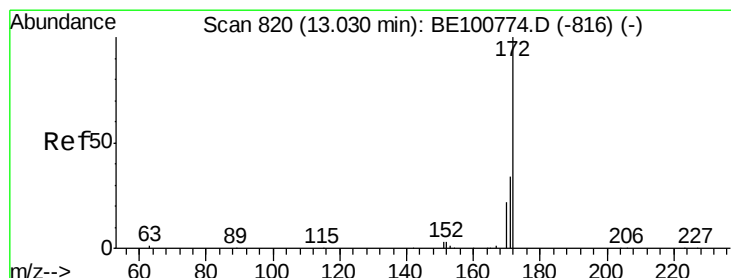
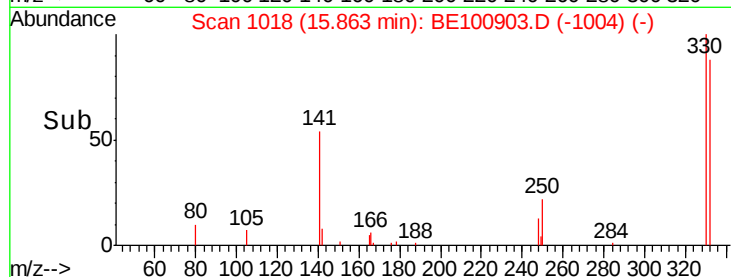
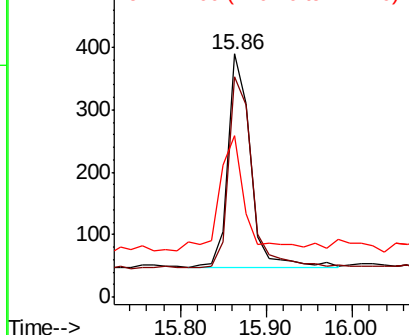
#14
 2,4,6-Tribromophenol
 Concen: 0.506 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BE100903.D
 Acq: 14 Dec 2019 1:57

Instrument :
 BNA_E
 ClientSampleId :
 DUP04-20191206

Tot Ion:330 Resp: 631
 Ion Ratio Lower Upper
 330 100
 332 92.4 74.1 111.1
 141 59.0 46.7 70.1

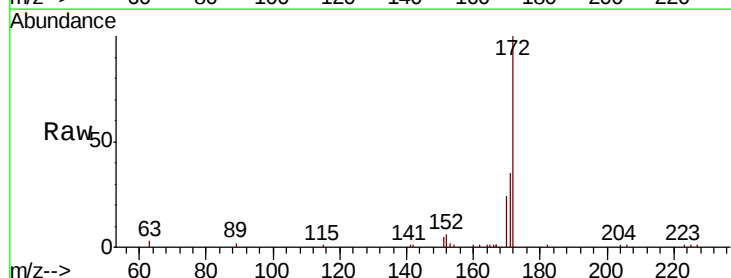


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

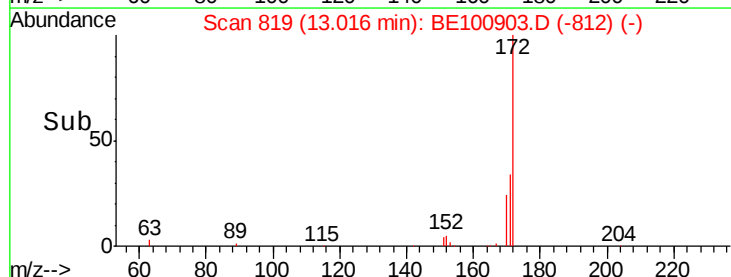
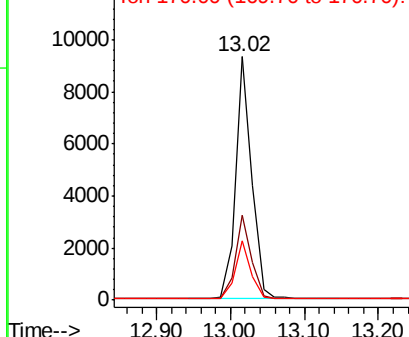


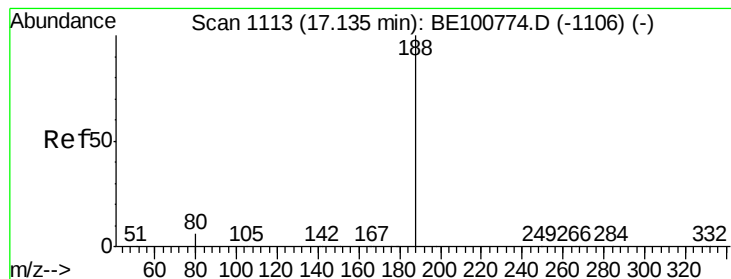
#15
 2-Fluorobiphenyl
 Concen: 0.317 ng
 RT: 13.02 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BE100903.D
 Acq: 14 Dec 2019 1:57

Tgt Ion:172 Resp: 14102
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.2 42.4
 170 24.4 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: BE100903.D

Acq: 14 Dec 2019 1:57

Instrument :

BNA_E

ClientSampleId :

DUP04-20191206

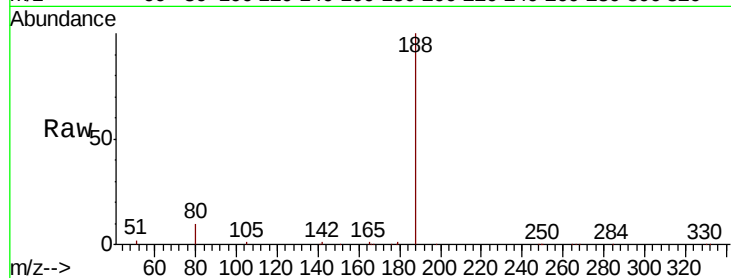
Tot Ion:188 Resp: 29260

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

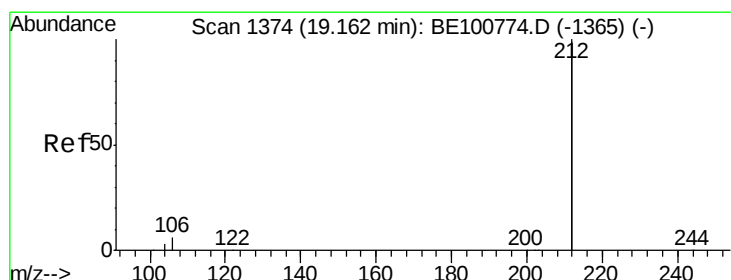
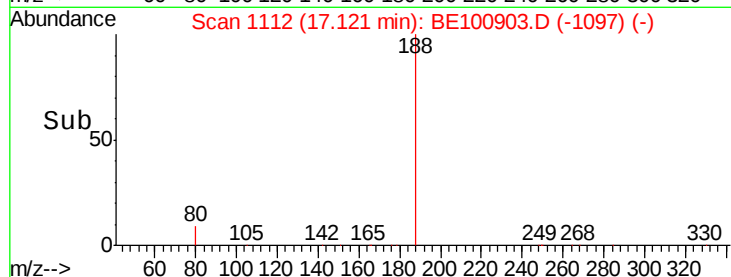
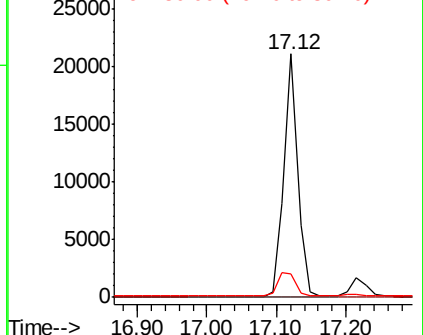
80 9.8 7.9 11.9



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: 0.391 ng

RT: 19.15 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BE100903.D

Acq: 14 Dec 2019 1:57

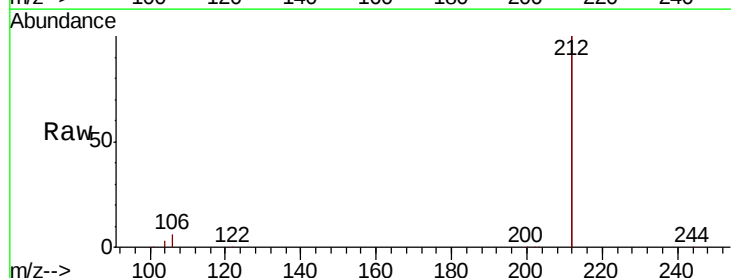
Tgt Ion:212 Resp: 135343

Ion Ratio Lower Upper

212 100

106 3.4 2.6 4.0

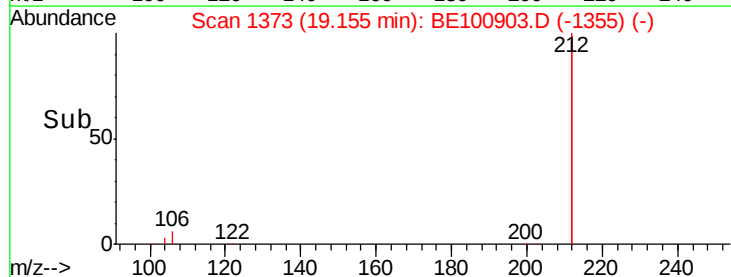
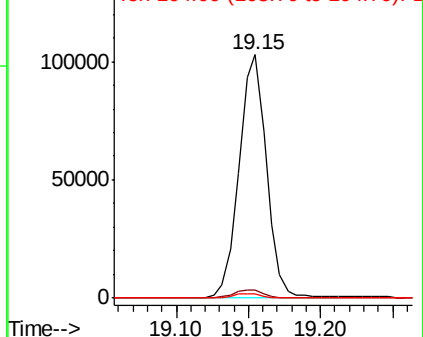
104 1.9 1.4 2.2



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: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE100903.D

Acq: 14 Dec 2019 1:57

Instrument :

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ClientSampleId :

DUP04-20191206

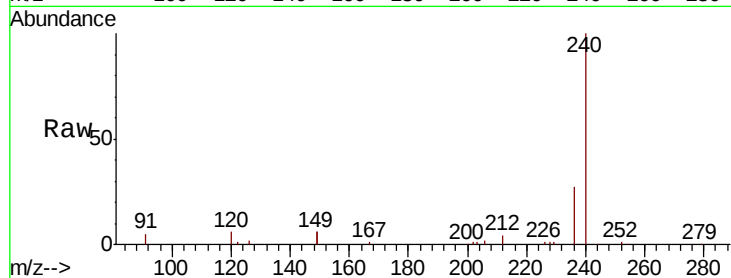
Tot Ion:240 Resp: 28371

Ion Ratio Lower Upper

240 100

120 5.9 4.0 6.0

236 26.8 21.6 32.4

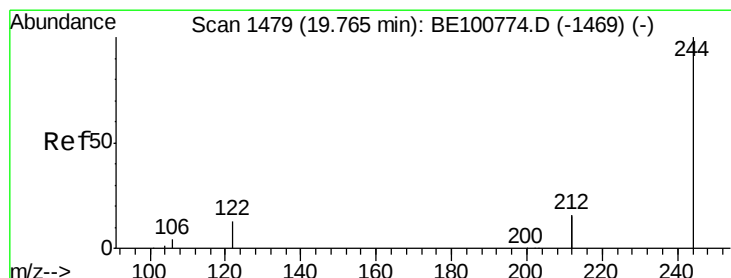
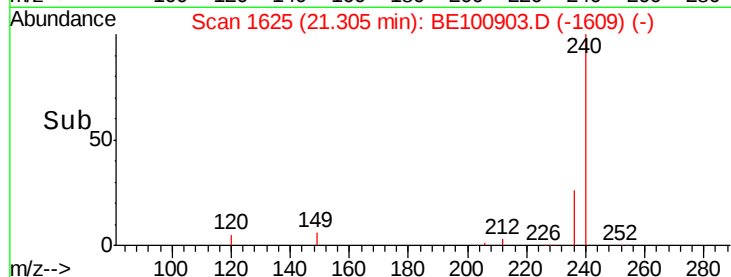
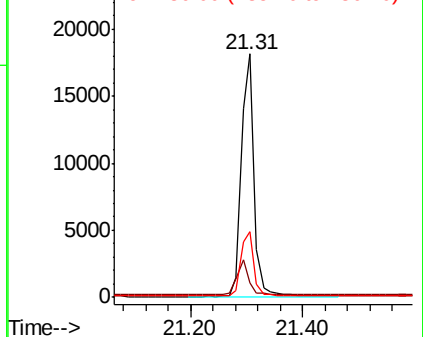


Abundance

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: 0.377 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE100903.D

Acq: 14 Dec 2019 1:57

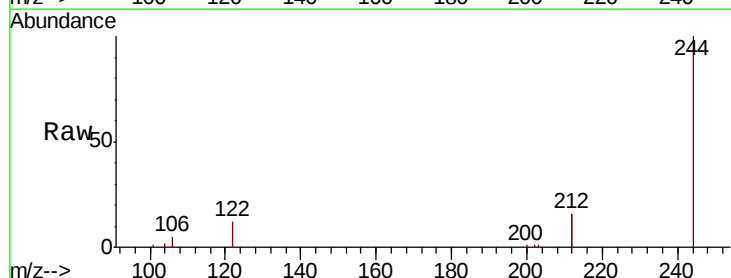
Tgt Ion:244 Resp: 25619

Ion Ratio Lower Upper

244 100

212 31.8 25.2 37.8

122 12.1 8.9 13.3

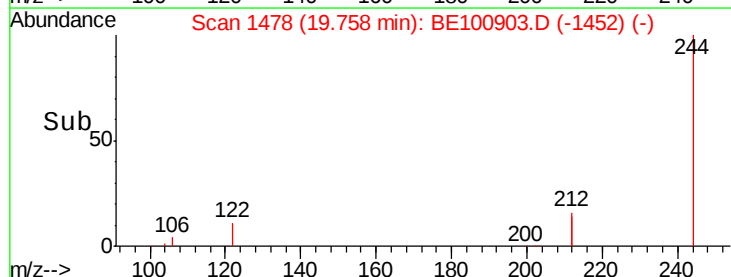
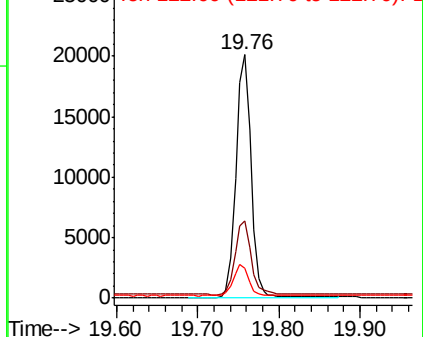


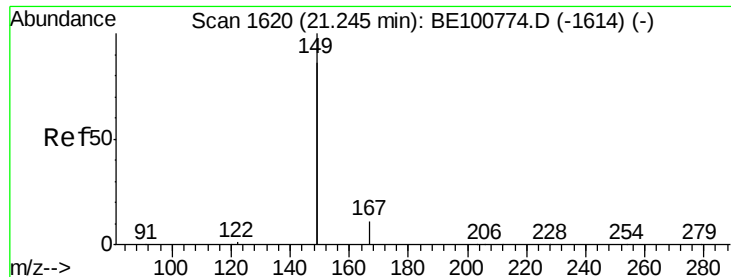
Abundance

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





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.540 ng

RT: 21.23 min Scan# 1619

Delta R.T. -0.00 min

Lab File: BE100903.D

Acq: 14 Dec 2019 1:57

Instrument :

BNA_E

ClientSampleId :

DUP04-20191206

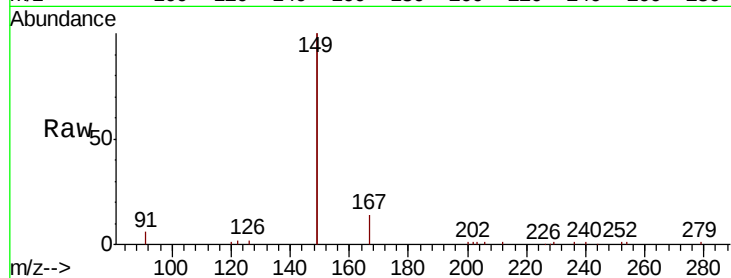
Tot Ion:149 Resp: 31792

Ion Ratio Lower Upper

149 100

167 6.8 5.0 7.4

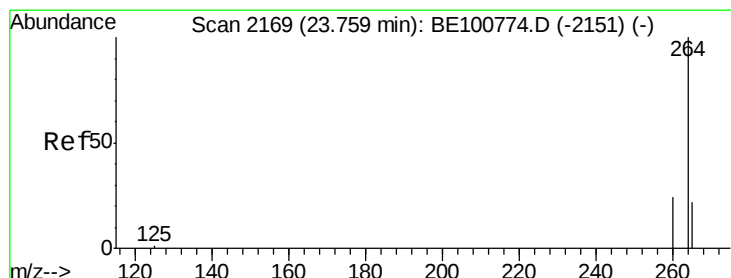
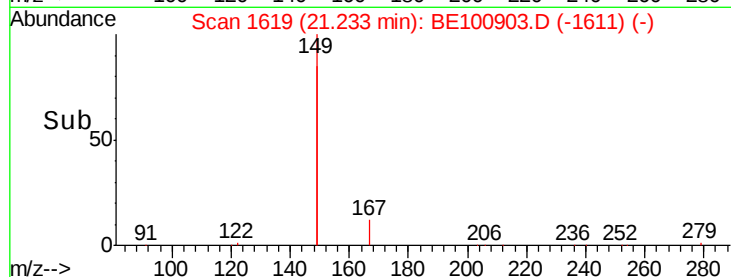
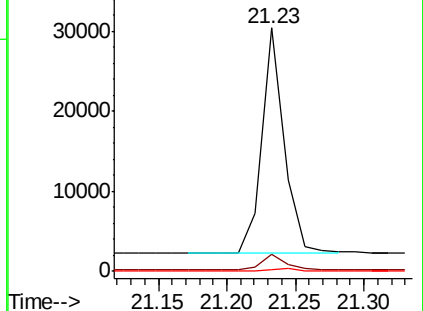
279 1.0 0.6 1.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.74 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BE100903.D

Acq: 14 Dec 2019 1:57

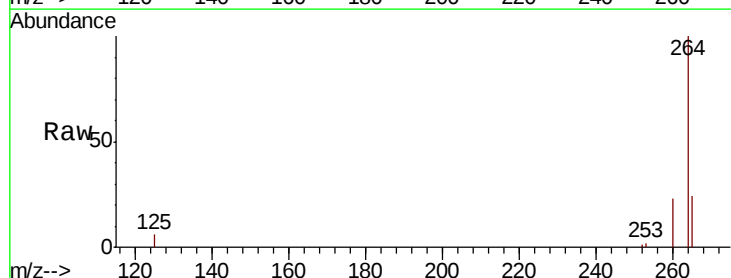
Tgt Ion:264 Resp: 31211

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.0

265 24.2 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

