

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
 Data File : BE100863.D
 Acq On : 12 Dec 2019 2:05
 Operator : JU
 Sample : K6185-01DL 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE134D3-20191204DL

Quant Time: Dec 12 04:44:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 17:18:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4963	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	23567	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	12899	0.40	ng	-0.01
19) Phenanthrene-d10	17.12	188	29190	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	21429	0.40	ng	-0.01
34) Perylene-d12	23.74	264	24343	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	1107	0.09	ng	-0.01
5) Phenol-d6	6.93	99	1085	0.06	ng	0.00
8) Nitrobenzene-d5	8.90	82	2666	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	7082	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	352	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	10275	0.20	ng	-0.01
25) Fluoranthene-d10	19.15	212	57865	0.17	ng	-0.01
29) Terphenyl-d14	19.75	244	10937	0.21	ng	-0.01

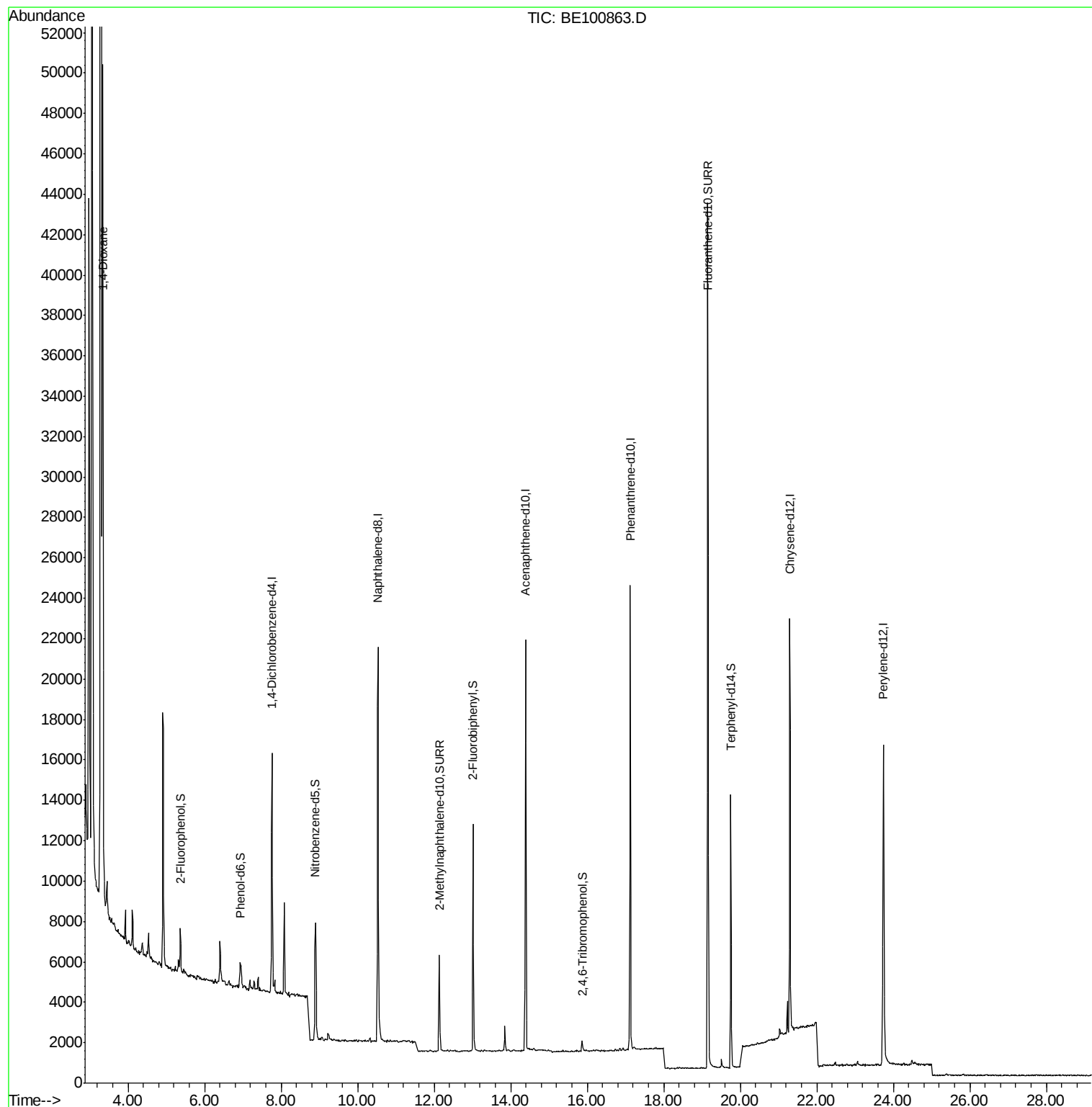
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	26444	2.922	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.23	149	1769	Below Cal		# 93

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

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QLast Update : Wed Dec 04 17:18:11 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 425

Delta R.T. -0.01 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:05

Instrument :

BNA_E

ClientSampleId :

RE134D3-20191204DL

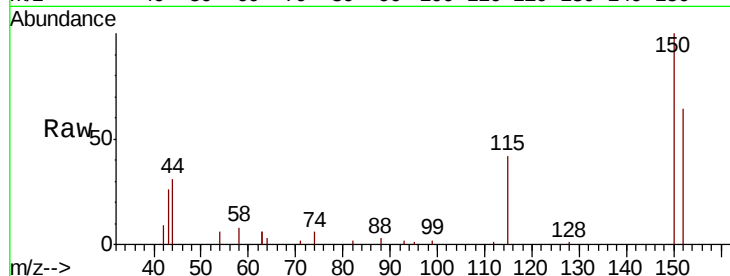
Tot Ion:152 Resp: 4963

Ion Ratio Lower Upper

152 100

150 156.5 120.6 181.0

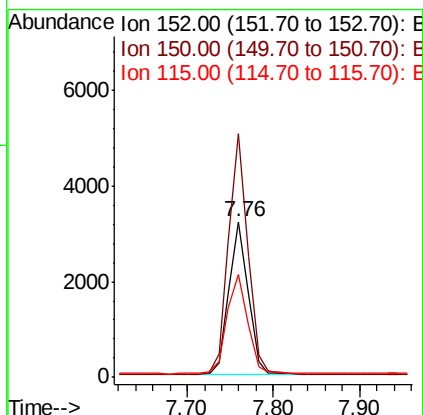
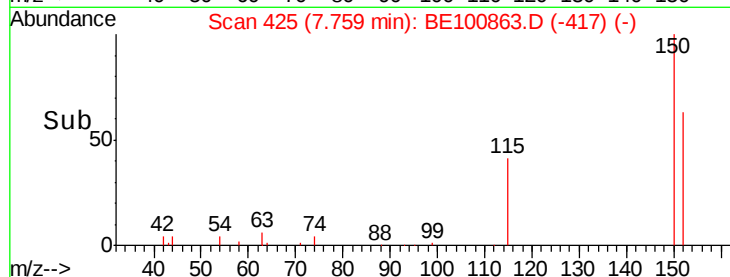
115 66.2 47.4 71.2



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: 2.922 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.01 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:05

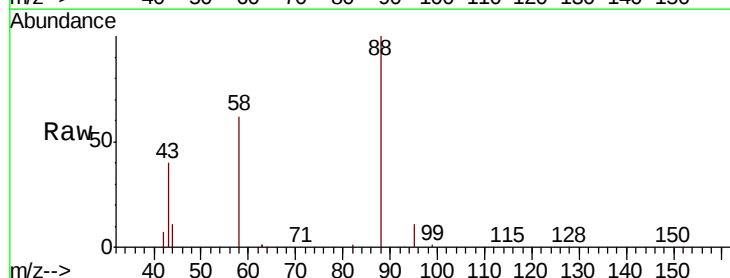
Tgt Ion: 88 Resp: 26444

Ion Ratio Lower Upper

88 100

58 74.2 52.5 78.7

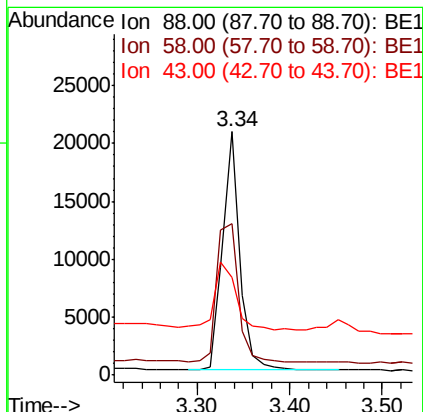
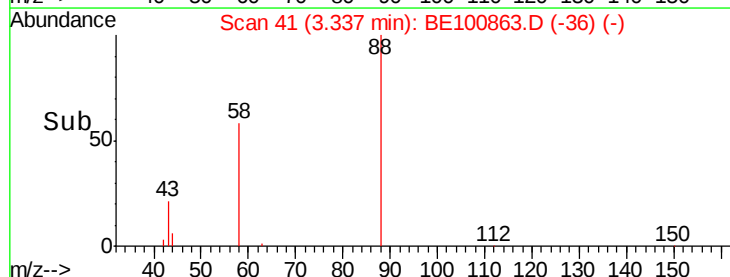
43 35.4 23.0 34.6#



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: 0.094 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:05

Instrument :

BNA_E

ClientSampleId :

RE134D3-20191204DL

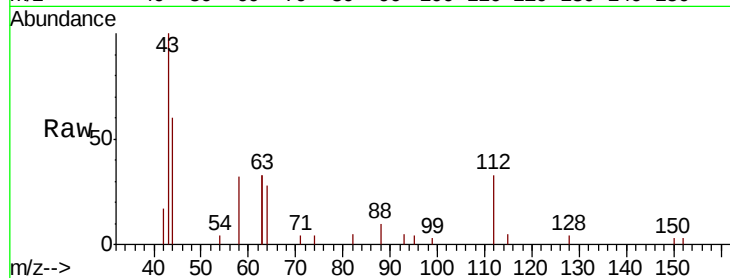
Tot Ion: 112 Resp: 1107

Ion Ratio Lower Upper

112 100

64 65.0 54.1 81.1

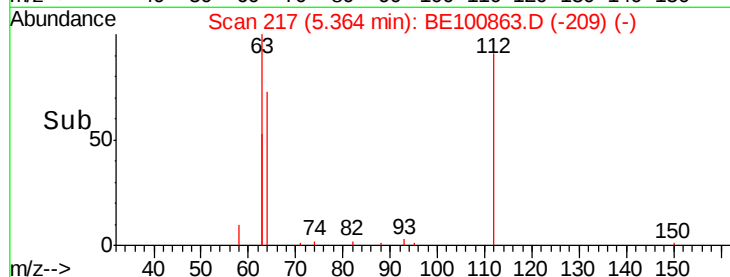
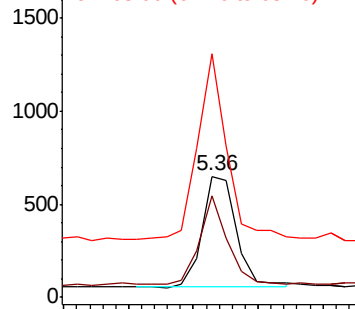
63 140.5 113.2 169.8



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: 0.061 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:05

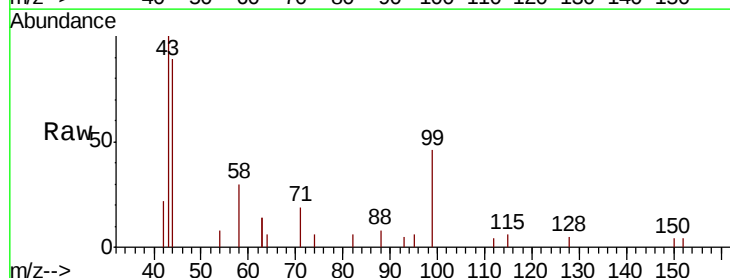
Tgt Ion: 99 Resp: 1085

Ion Ratio Lower Upper

99 100

42 35.4 19.1 28.7#

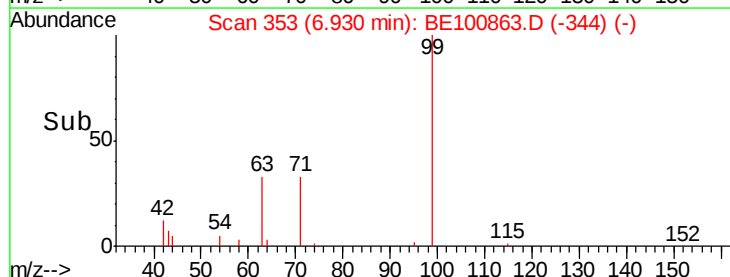
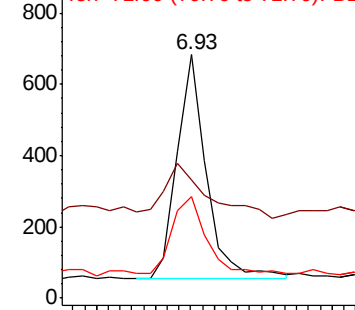
71 45.3 27.7 41.5#



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: BE100863.D

Acq: 12 Dec 2019 2:05

Instrument :

BNA_E

ClientSampleId :

RE134D3-20191204DL

Tot Ion:136 Resp: 23567

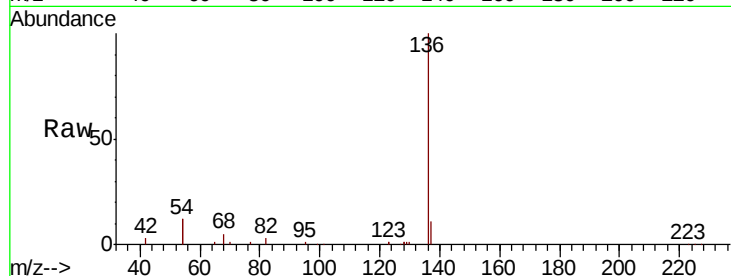
Ion Ratio Lower Upper

136 100

137 11.4 9.4 14.0

54 23.1 31.1 46.7#

68 5.4 6.6 10.0#

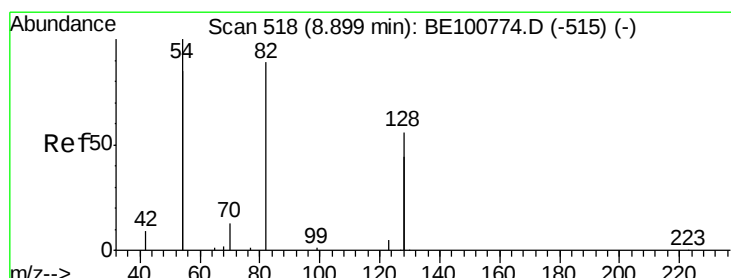
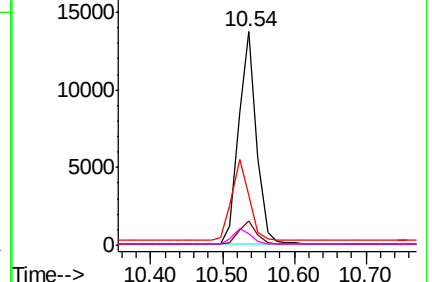
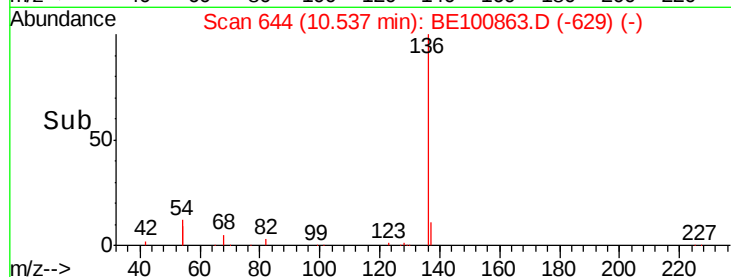


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.238 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:05

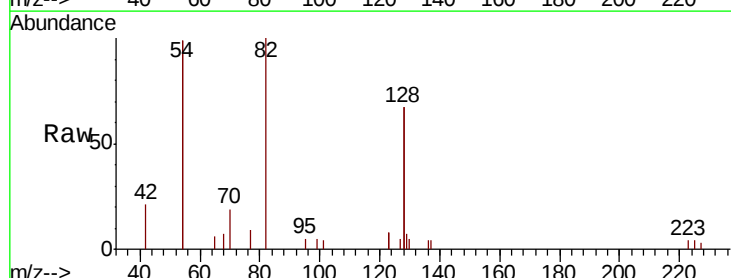
Tgt Ion: 82 Resp: 2666

Ion Ratio Lower Upper

82 100

128 134.8 97.0 145.4

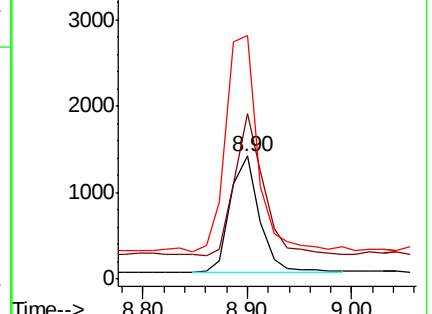
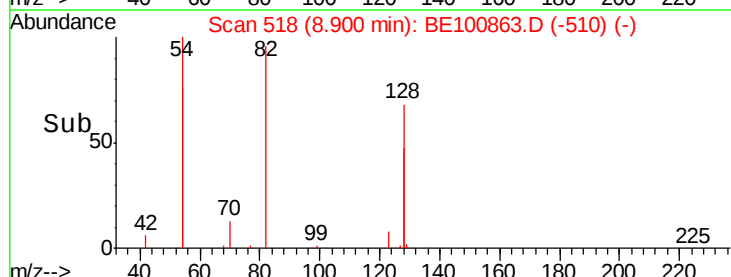
54 197.8 171.8 257.6



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: 0.207 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:05

Instrument :

BNA_E

ClientSampleId :

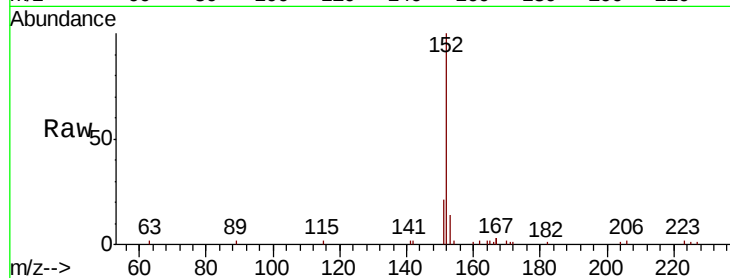
RE134D3-20191204DL

Tot Ion:152 Resp: 7082

Ion Ratio Lower Upper

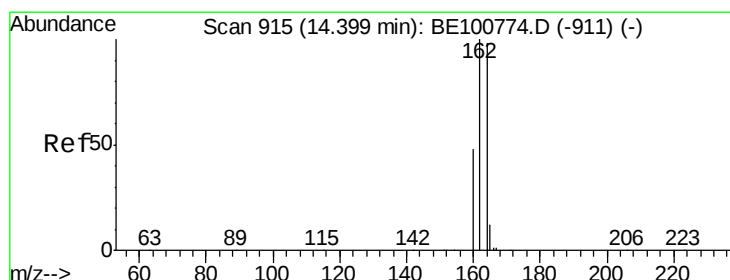
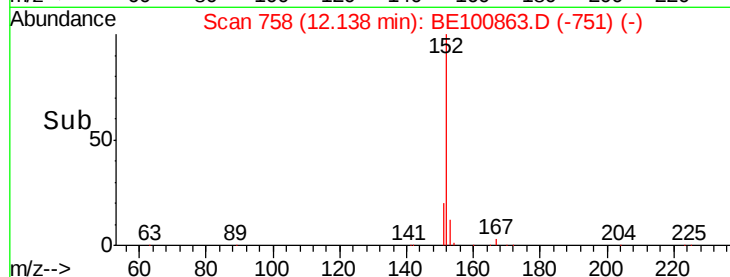
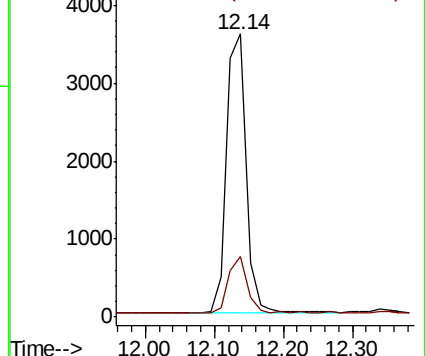
152 100

151 19.4 15.8 23.8



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: 14.39 min Scan# 914

Delta R.T. -0.01 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:05

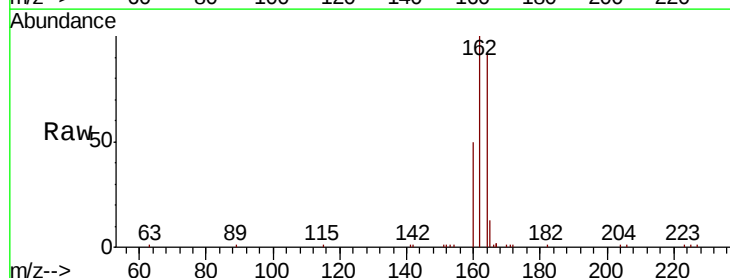
Tgt Ion:164 Resp: 12899

Ion Ratio Lower Upper

164 100

162 108.6 81.4 122.0

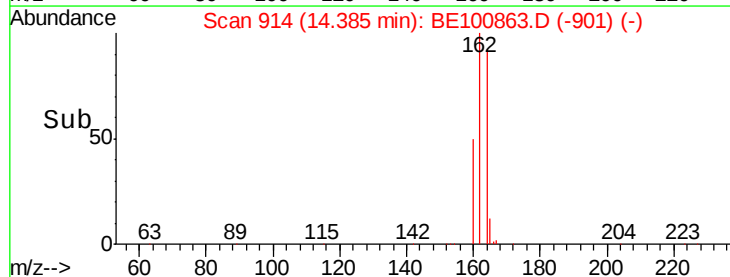
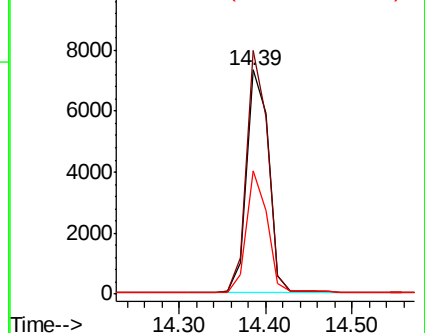
160 54.7 39.4 59.0



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

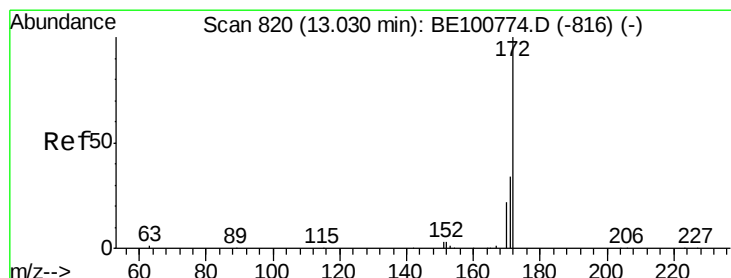
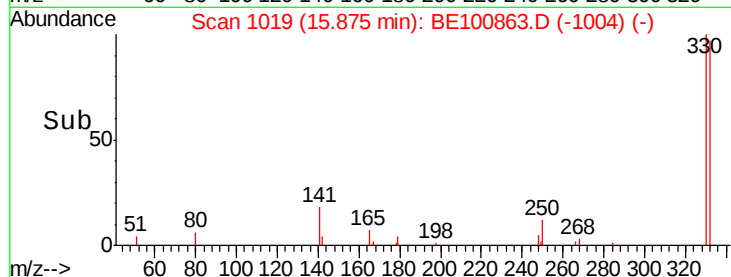
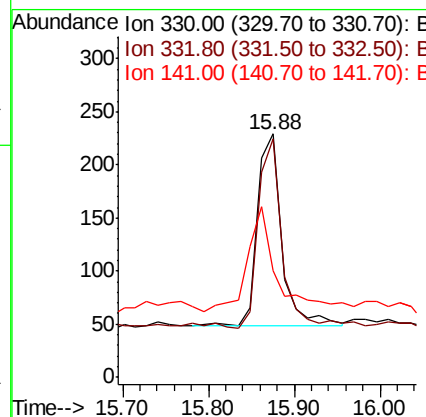
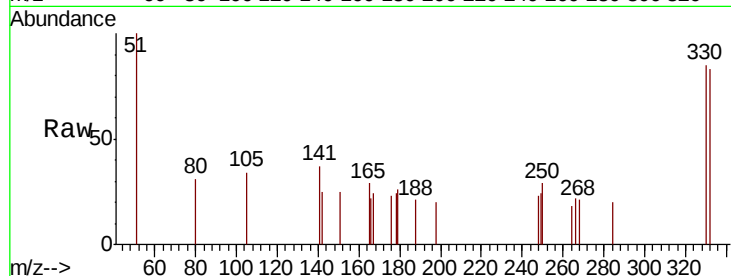




#14
 2,4,6-Tribromophenol
 Concen: 0.245 ng
 RT: 15.88 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BE100863.D
 Acq: 12 Dec 2019 2:05

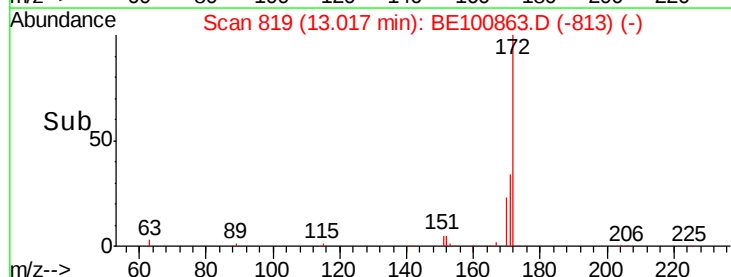
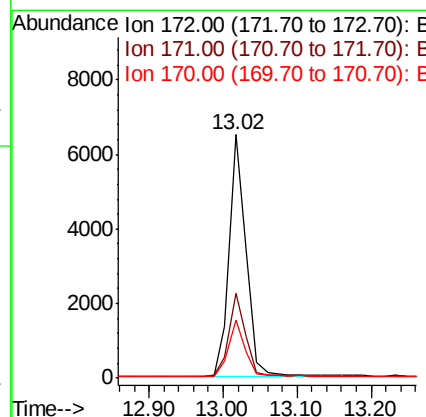
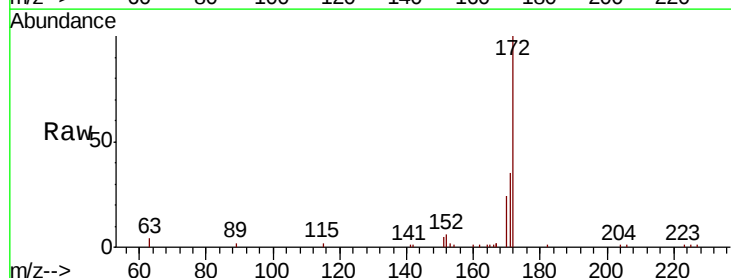
Instrument :
 BNA_E
 ClientSampleId :
 RE134D3-20191204DL

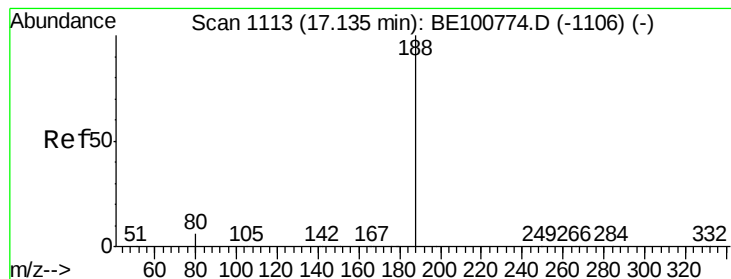
Tot Ion:330 Resp: 352
 Ion Ratio Lower Upper
 330 100
 332 100.9 69.4 104.2
 141 66.8 51.1 76.7



#15
 2-Fluorobiphenyl
 Concen: 0.201 ng
 RT: 13.02 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BE100863.D
 Acq: 12 Dec 2019 2:05

Tgt Ion:172 Resp: 10275
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.2 40.8
 170 23.8 18.0 27.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:05

Instrument :

BNA_E

ClientSampleId :

RE134D3-20191204DL

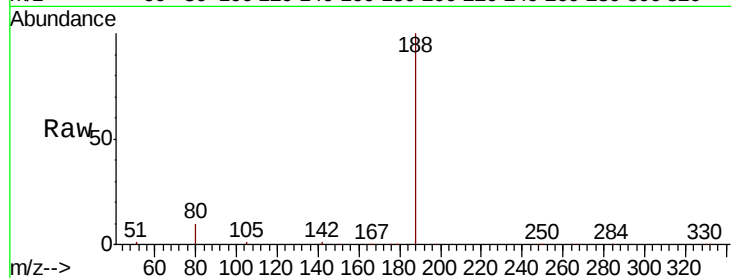
Tot Ion:188 Resp: 29190

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

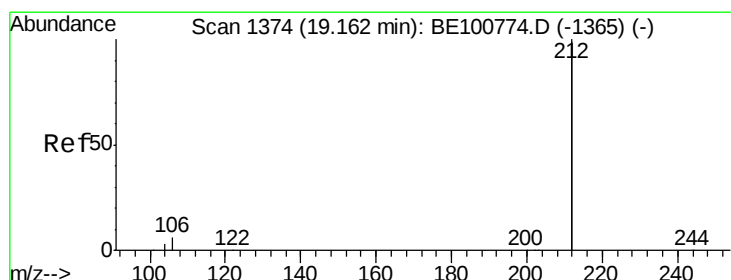
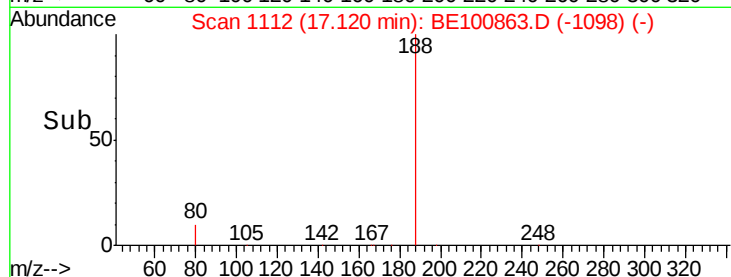
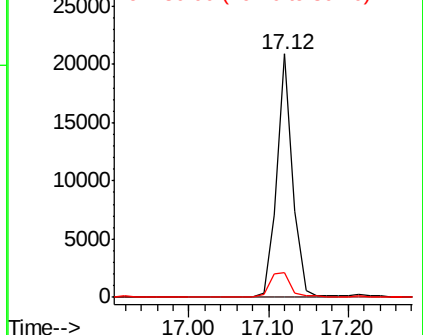
80 10.1 5.2 7.8#



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: 0.168 ng

RT: 19.15 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:05

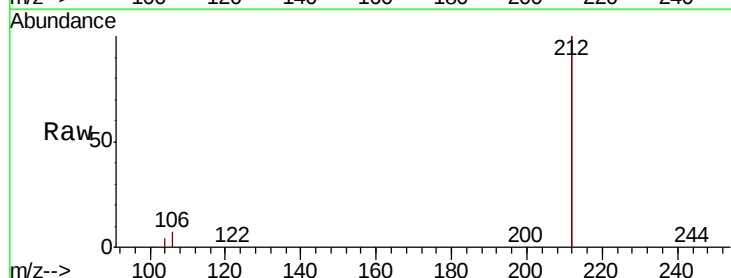
Tgt Ion:212 Resp: 57865

Ion Ratio Lower Upper

212 100

106 3.4 2.6 3.8

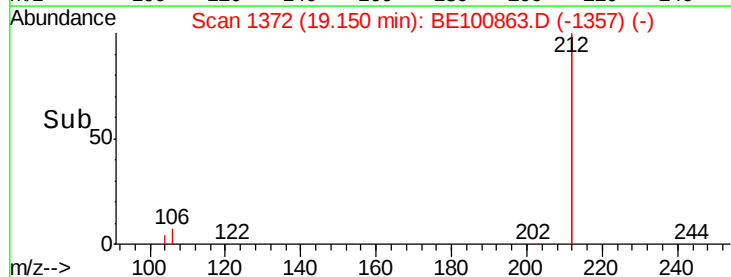
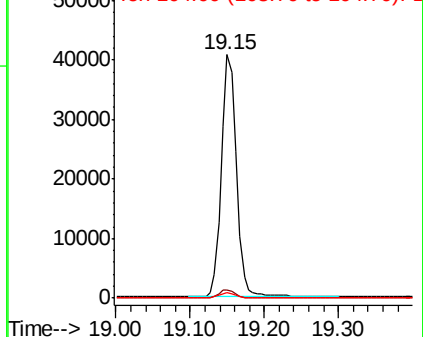
104 1.9 1.4 2.2



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

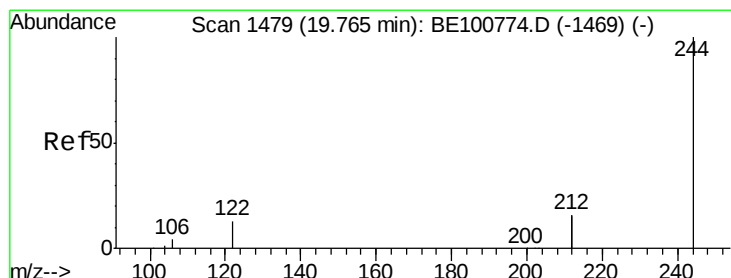
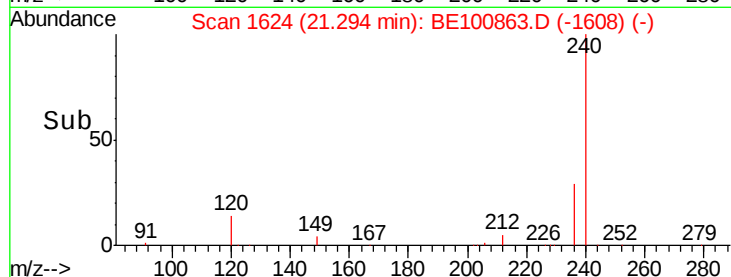
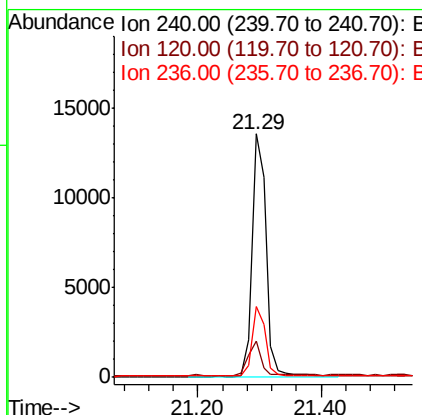
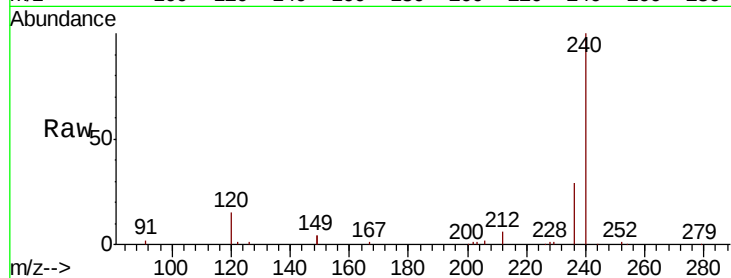




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE100863.D
Acq: 12 Dec 2019 2:05

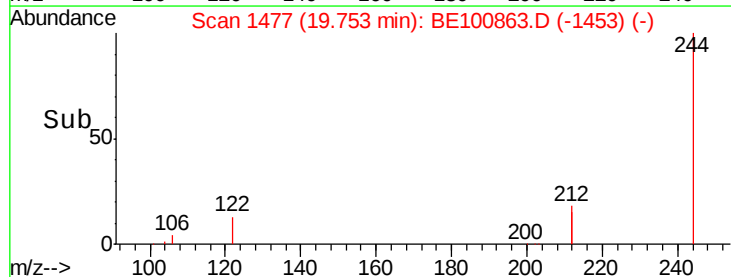
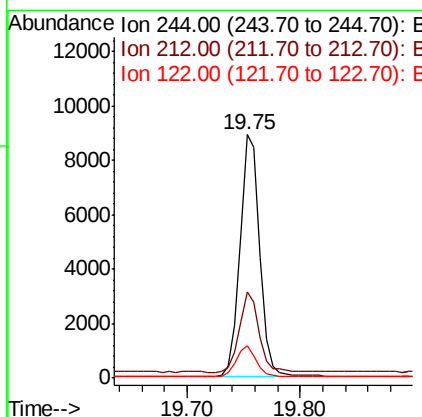
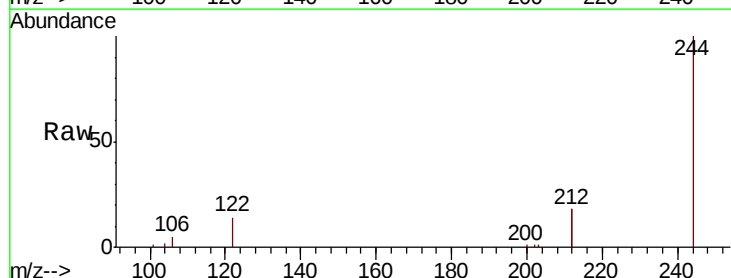
Instrument :
BNA_E
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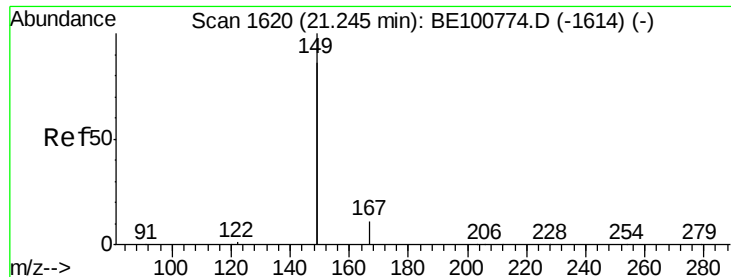
Tot Ion:240 Resp: 21429
Ion Ratio Lower Upper
240 100
120 15.0 10.2 15.2
236 29.1 22.3 33.5



#29
Terphenyl-d14
Concen: 0.213 ng
RT: 19.75 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BE100863.D
Acq: 12 Dec 2019 2:05

Tgt Ion:244 Resp: 10937
Ion Ratio Lower Upper
244 100
212 35.4 26.2 39.4
122 13.5 10.2 15.4





#32

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 21.23 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:05

Instrument :

BNA_E

ClientSampleId :

RE134D3-20191204DL

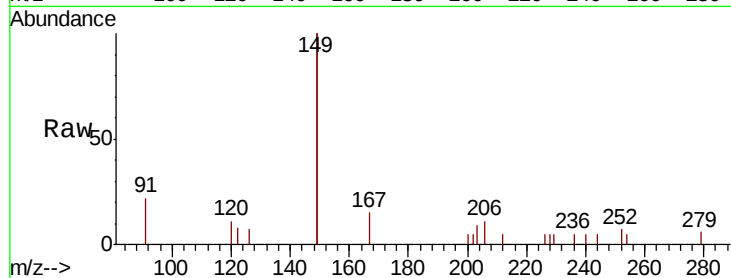
Tot Ion:149 Resp: 1769

Ion Ratio Lower Upper

149 100

167 8.9 5.0 7.6#

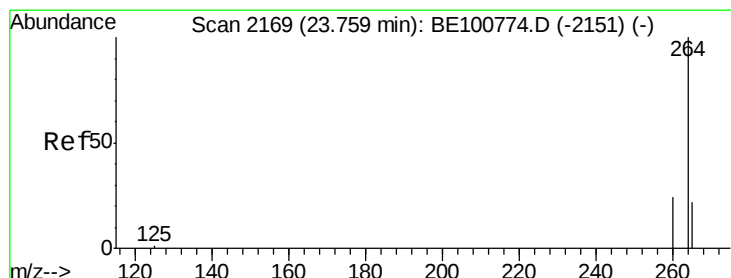
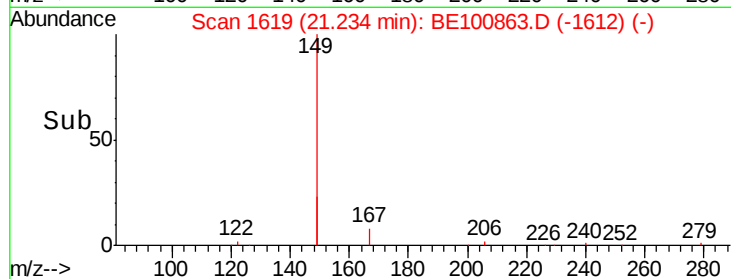
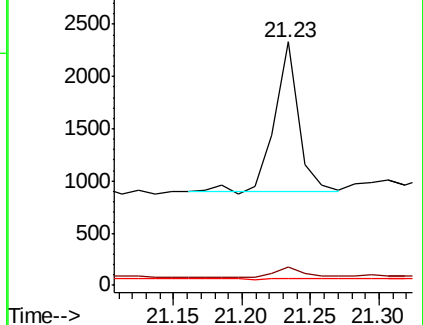
279 1.4 0.7 1.1#



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# 2163

Delta R.T. -0.02 min

Lab File: BE100863.D

Acq: 12 Dec 2019 2:05

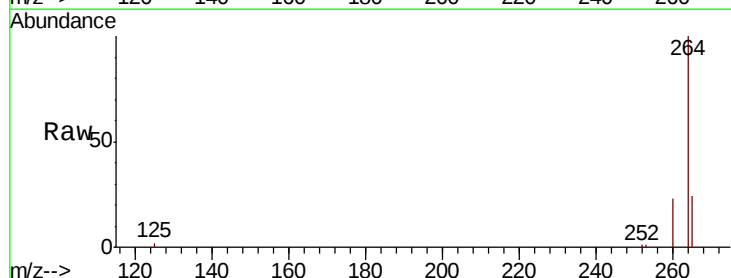
Tgt Ion:264 Resp: 24343

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 23.8 21.8 32.8



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

