

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031119\
 Data File : BE098877.D
 Acq On : 12 Mar 2019 1:41
 Operator : JU/SJ
 Sample : K1839-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE104D3-20190307

Quant Time: Mar 12 07:27:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

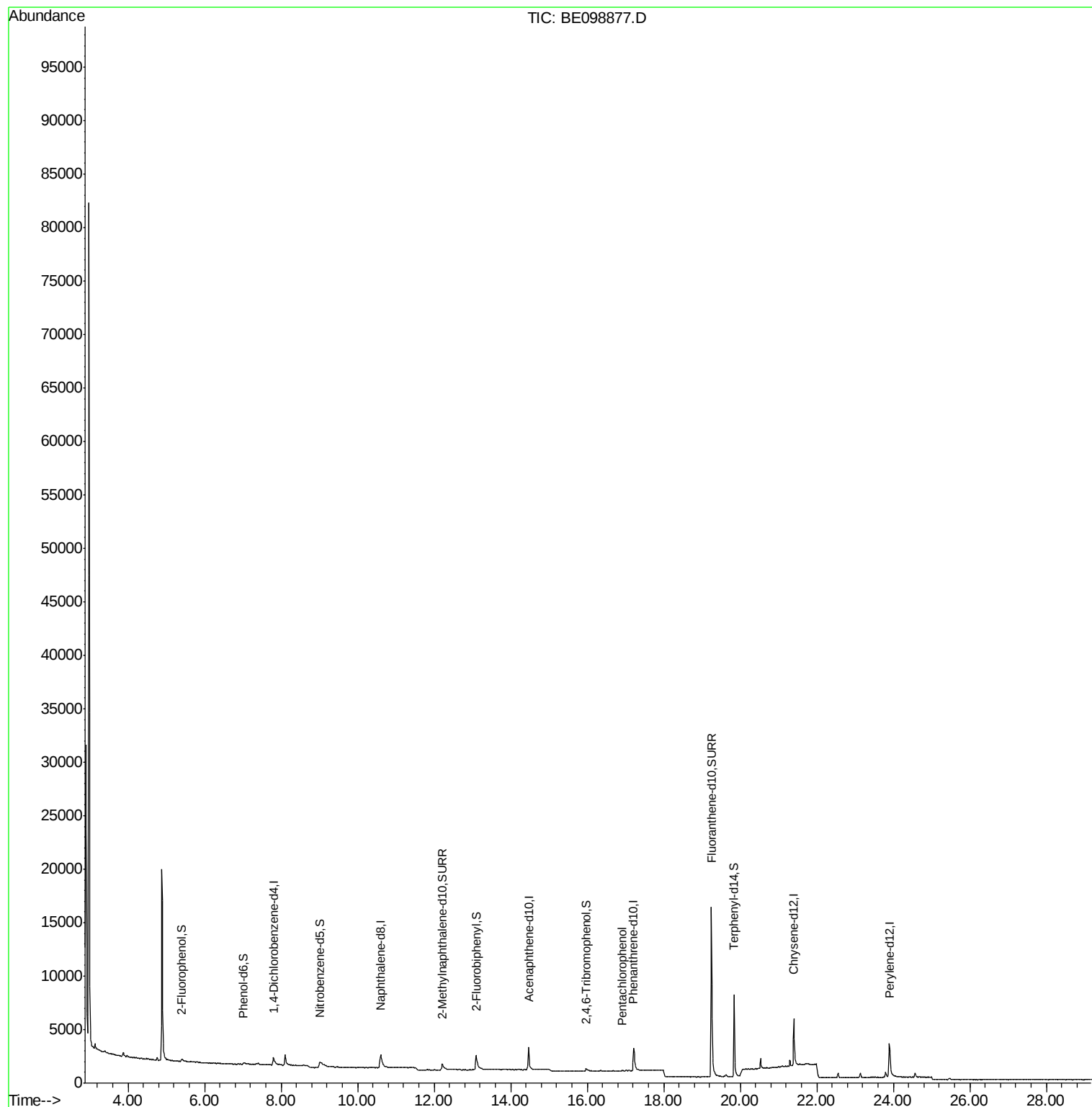
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	621	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2713	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	1934	0.40	ng	0.01
19) Phenanthrene-d10	17.21	188	5258	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6405	0.40	ng	0.00
34) Perylene-d12	23.90	264	6444	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	223	0.12	ng	0.02
5) Phenol-d6	7.01	99	168	0.06	ng	0.03
8) Nitrobenzene-d5	9.02	82	895	0.31	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	1876	0.37	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	307	0.31	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	3166	0.40	ng	0.01
25) Fluoranthene-d10	19.25	212	29181	0.35	ng	0.00
29) Terphenyl-d14	19.84	244	8293	0.53	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.32	88	49	Below Cal		Qvalue # 11
22) Pentachlorophenol	16.91	266	4	0.268 ng		86

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

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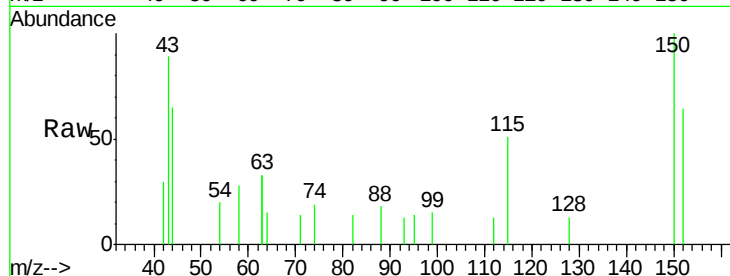


#1

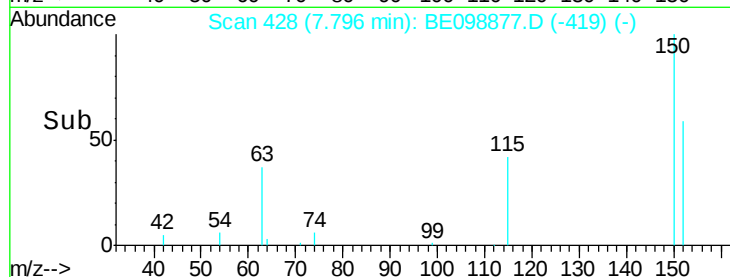
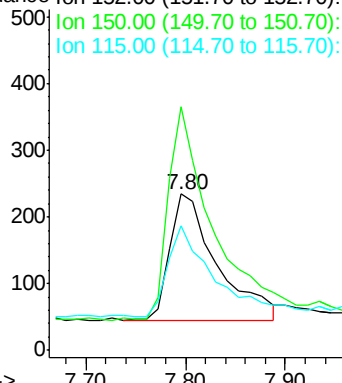
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098877.D
Acq: 12 Mar 2019 1:41

Instrument :
BNA_E
ClientSampleId :
RE104D3-20190307

Tgt Ion: 152 Resp: 621
Ion Ratio Lower Upper
152 100
150 156.0 122.5 183.7
115 79.9 57.4 86.2



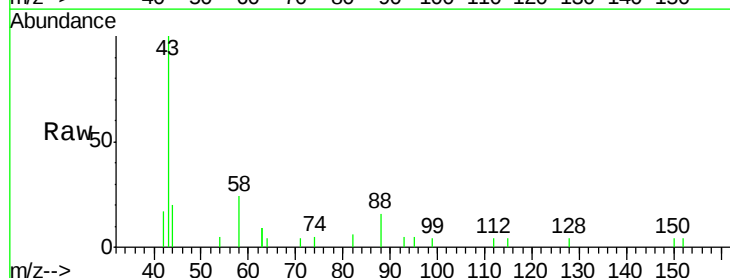
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



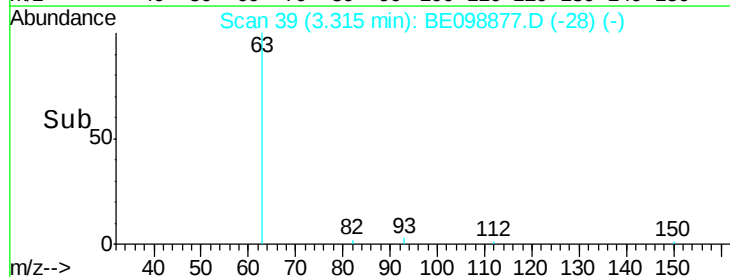
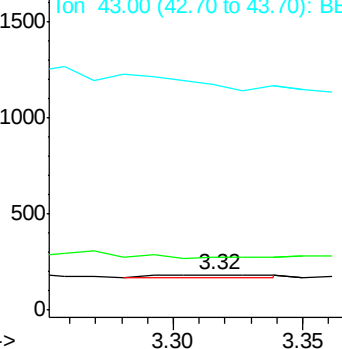
#2

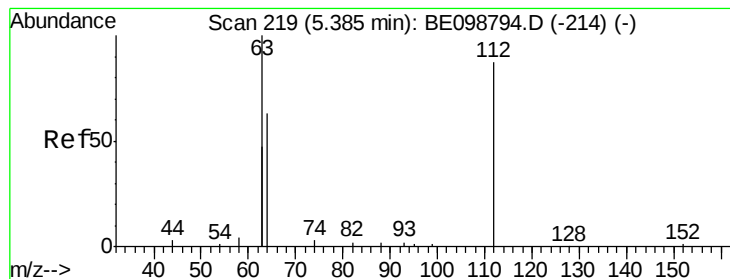
1,4-Dioxane
Concen: Below Cal
RT: 3.32 min Scan# 39
Delta R.T. 0.03 min
Lab File: BE098877.D
Acq: 12 Mar 2019 1:41

Tgt Ion: 88 Resp: 49
Ion Ratio Lower Upper
88 100
58 0.0 75.8 113.6#
43 0.0 41.8 62.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.120 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.02 min

Lab File: BE098877.D

Acq: 12 Mar 2019 1:41

Instrument :

BNA_E

ClientSampleId :

RE104D3-20190307

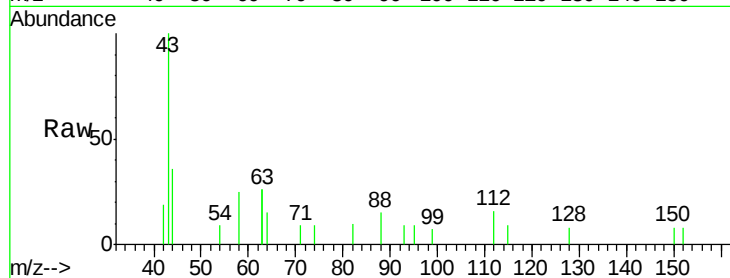
Tgt Ion: 112 Resp: 223

Ion Ratio Lower Upper

112 100

64 108.1 57.9 86.9#

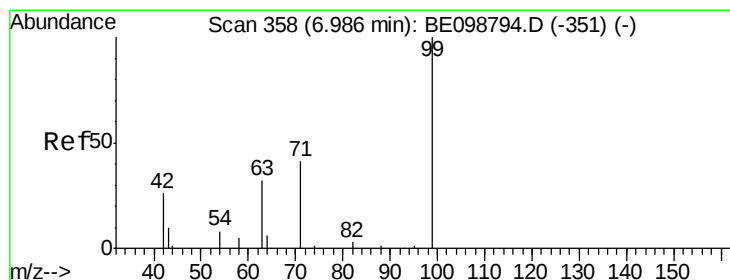
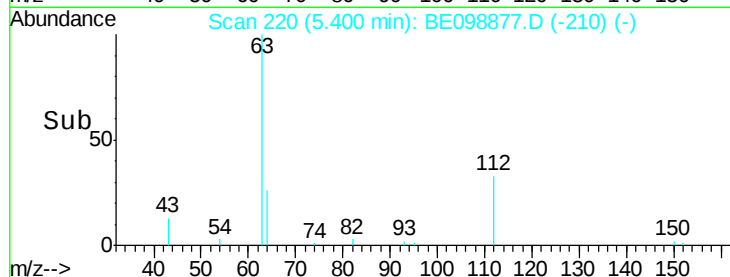
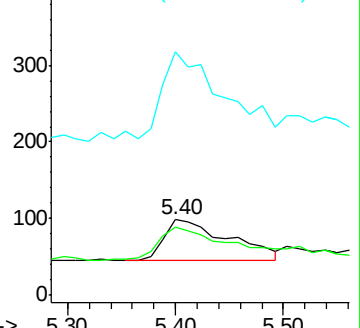
63 223.3 158.3 237.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.064 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.03 min

Lab File: BE098877.D

Acq: 12 Mar 2019 1:41

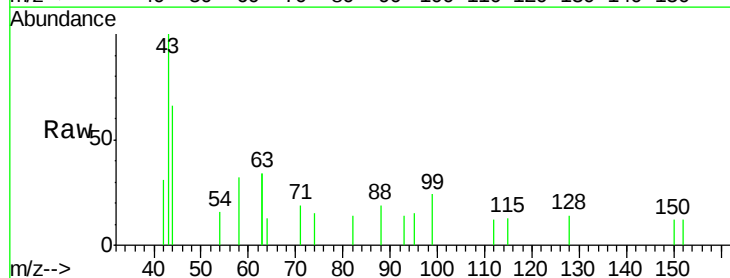
Tgt Ion: 99 Resp: 168

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

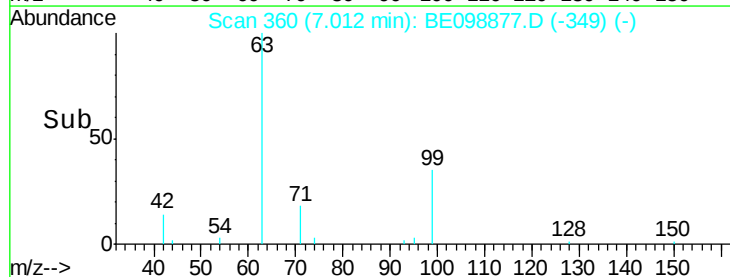
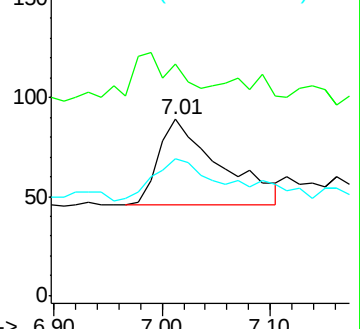
71 42.3 35.7 53.5



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098877.D

Acq: 12 Mar 2019 1:41

Instrument :

BNA_E

ClientSampleId :

RE104D3-20190307

Tgt Ion: 136 Resp: 2713

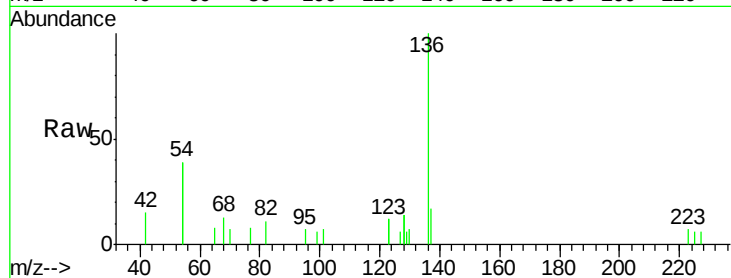
Ion Ratio Lower Upper

136 100

137 16.7 11.4 17.0

54 77.4 39.3 58.9#

68 13.0 6.7 10.1#

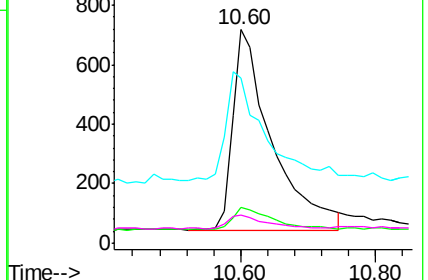
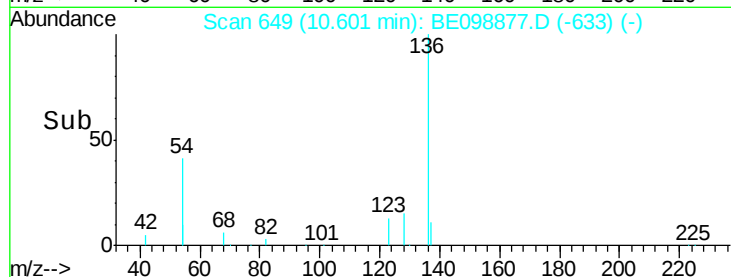


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.315 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE098877.D

Acq: 12 Mar 2019 1:41

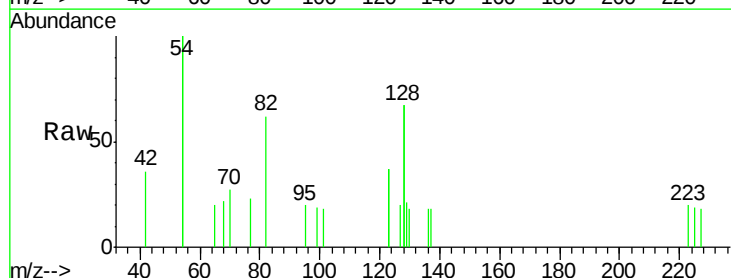
Tgt Ion: 82 Resp: 895

Ion Ratio Lower Upper

82 100

128 214.2 123.8 185.8#

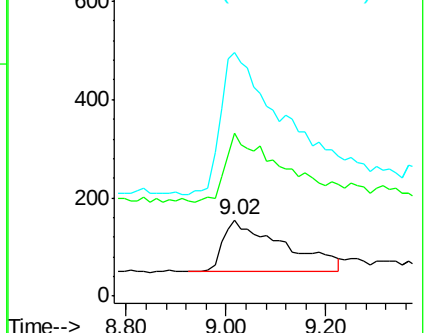
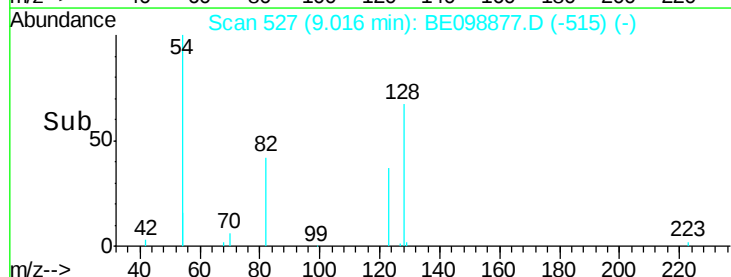
54 320.0 203.4 305.2#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.374 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE098877.D

Acq: 12 Mar 2019 1:41

Instrument :

BNA_E

ClientSampleId :

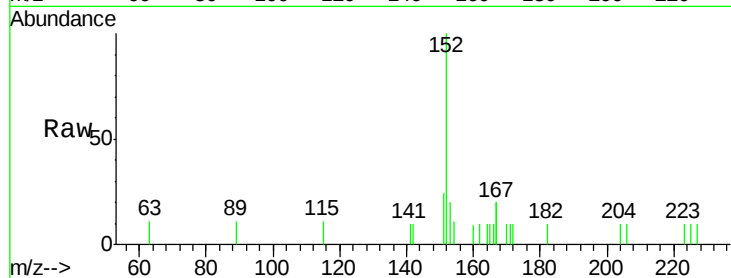
RE104D3-20190307

Tgt Ion:152 Resp: 1876

Ion Ratio Lower Upper

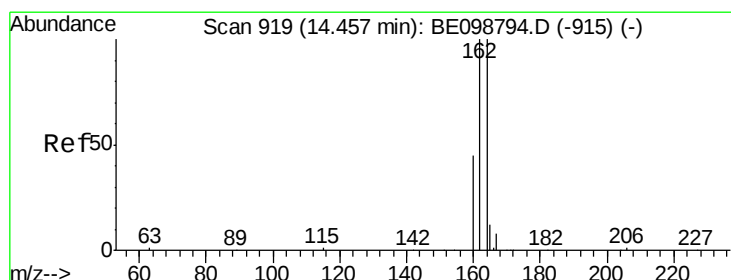
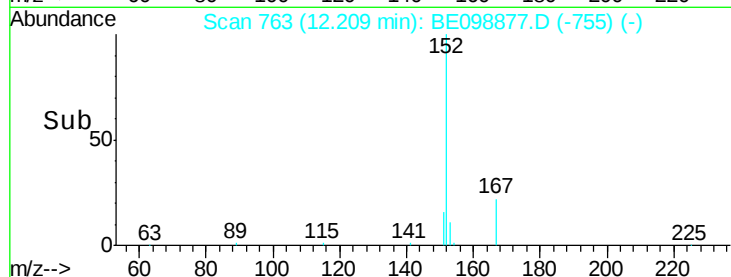
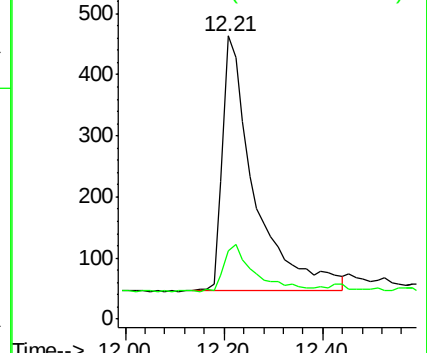
152 100

151 18.0 16.5 24.7



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: 14.47 min Scan# 920

Delta R.T. 0.01 min

Lab File: BE098877.D

Acq: 12 Mar 2019 1:41

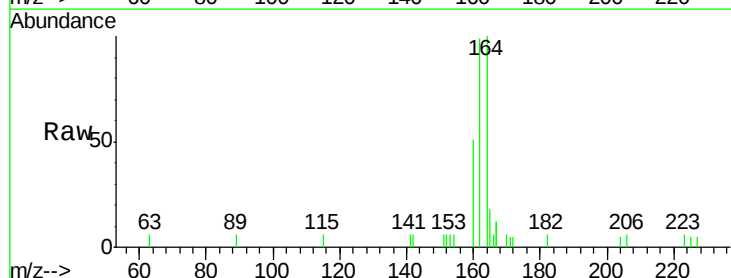
Tgt Ion:164 Resp: 1934

Ion Ratio Lower Upper

164 100

162 98.7 80.2 120.2

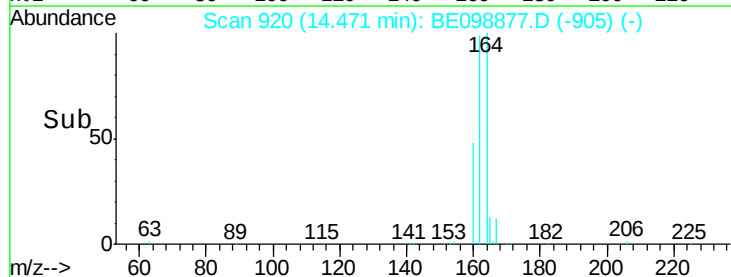
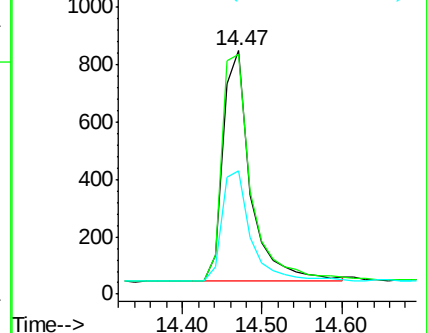
160 50.6 37.8 56.8



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: 0.314 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE098877.D

Acq: 12 Mar 2019 1:41

Instrument :

BNA_E

ClientSampleId :

RE104D3-20190307

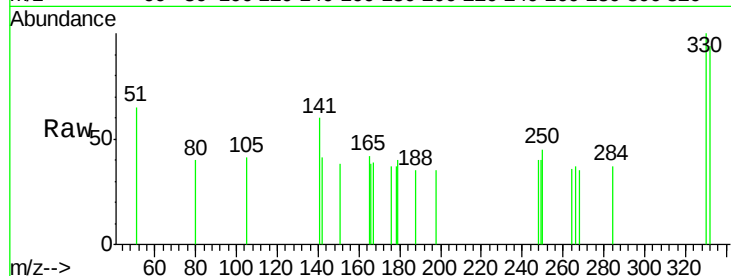
Tgt Ion:330 Resp: 307

Ion Ratio Lower Upper

330 100

332 96.1 77.6 116.4

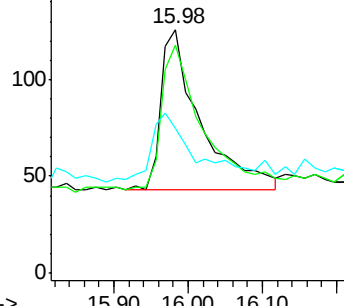
141 45.6 31.0 46.4



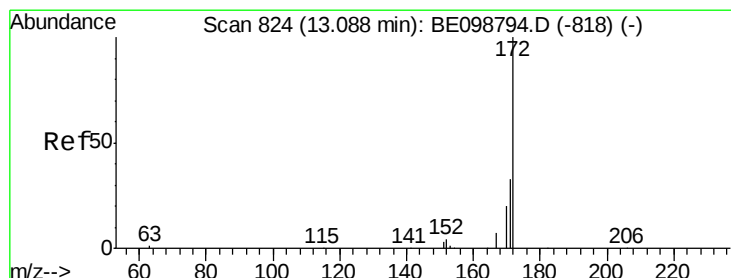
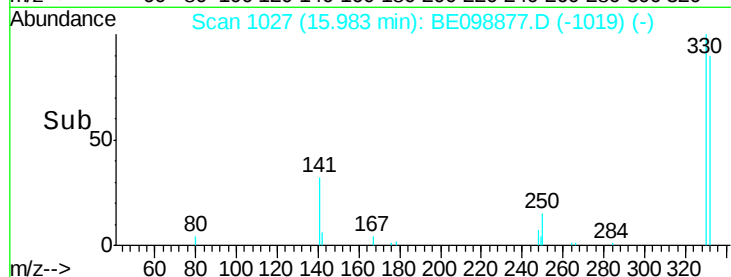
Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#15

2-Fluorobiphenyl

Concen: 0.395 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.01 min

Lab File: BE098877.D

Acq: 12 Mar 2019 1:41

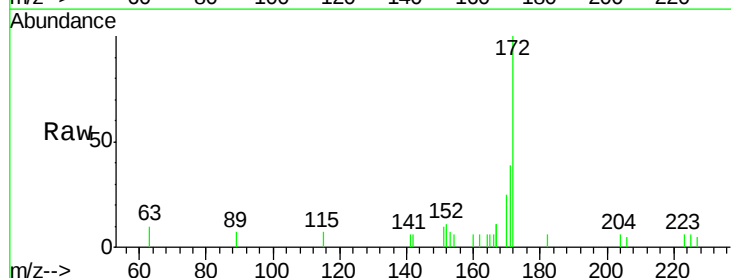
Tgt Ion:172 Resp: 3166

Ion Ratio Lower Upper

172 100

171 38.7 28.0 42.0

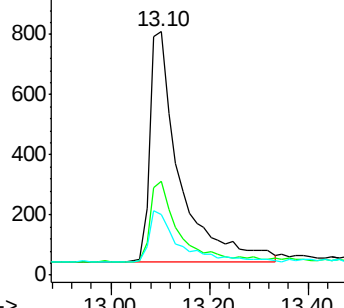
170 25.0 17.7 26.5



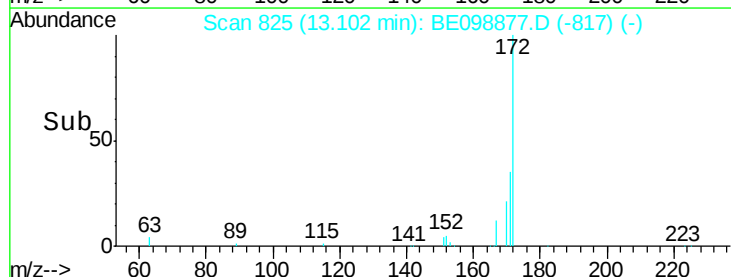
Abundance Ion 172.00 (171.70 to 172.70): E

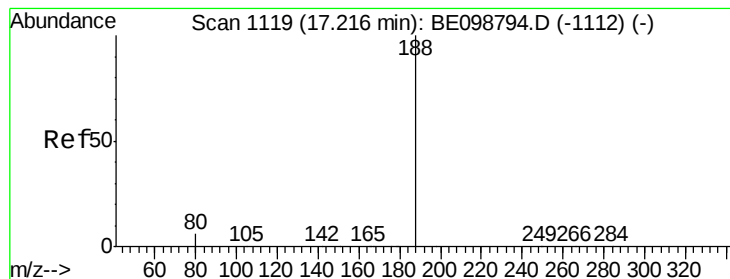
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098877.D

Acq: 12 Mar 2019 1:41

Instrument :

BNA_E

ClientSampleId :

RE104D3-20190307

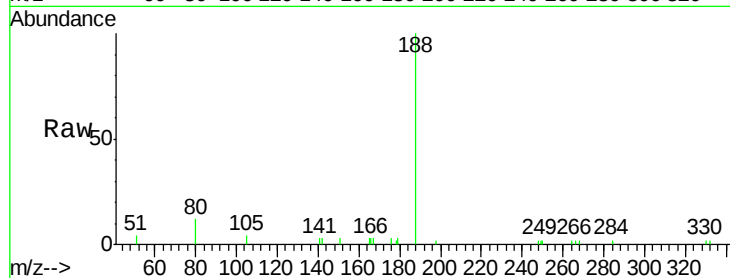
Tgt Ion:188 Resp: 5258

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

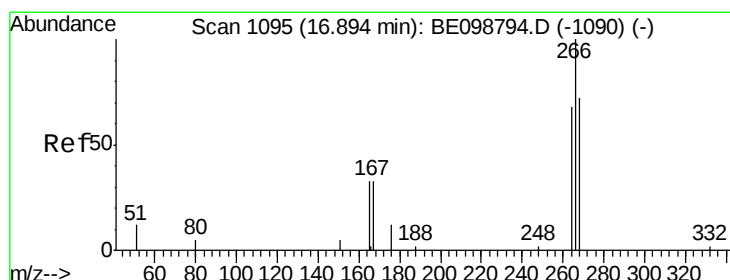
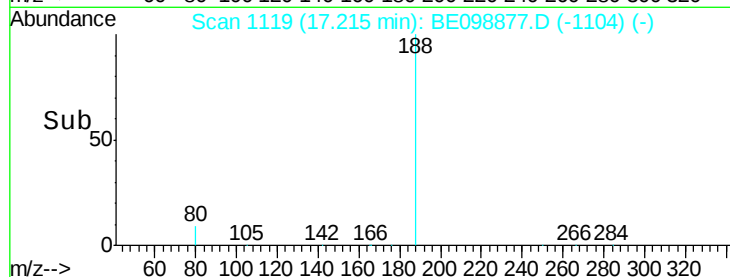
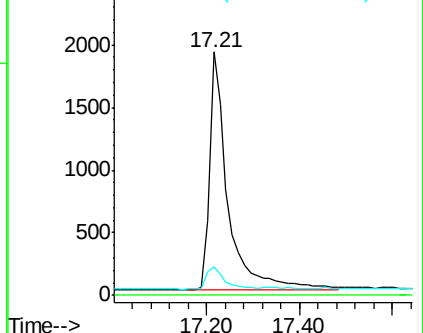
80 11.6 6.3 9.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#22

Pentachlorophenol

Concen: 0.268 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098877.D

Acq: 12 Mar 2019 1:41

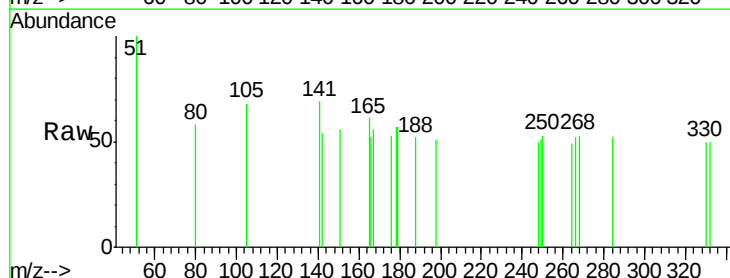
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 93.6 66.6 100.0

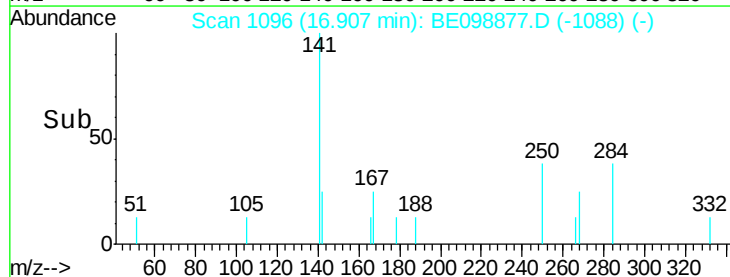
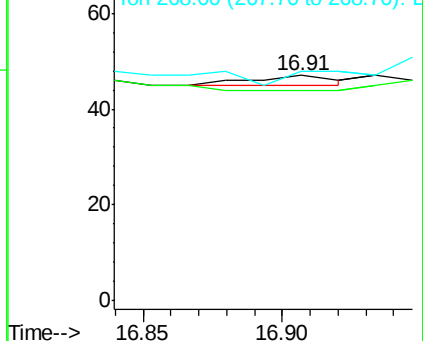
268 102.1 69.8 104.8



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.348 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098877.D

Acq: 12 Mar 2019 1:41

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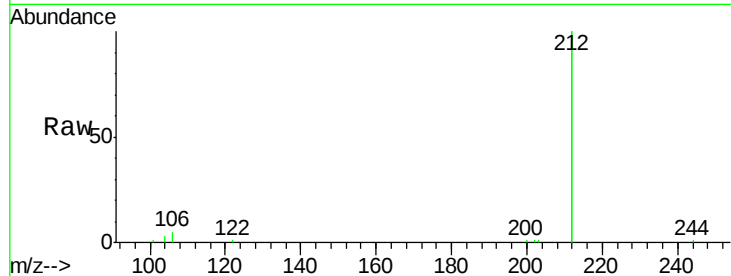
Tgt Ion:212 Resp: 29181

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.8

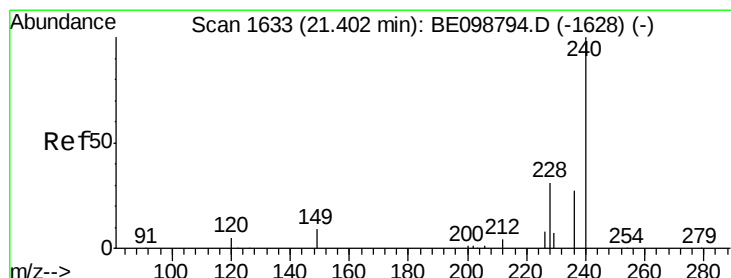
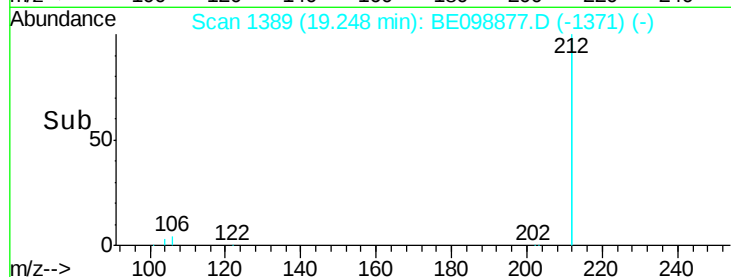
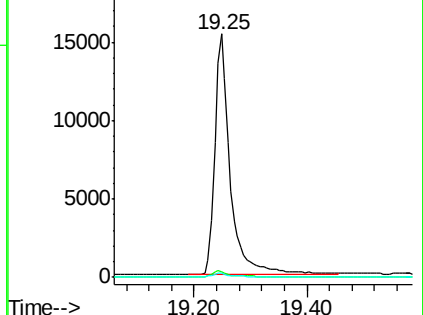
104 1.3 1.0 1.6



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: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE098877.D

Acq: 12 Mar 2019 1:41

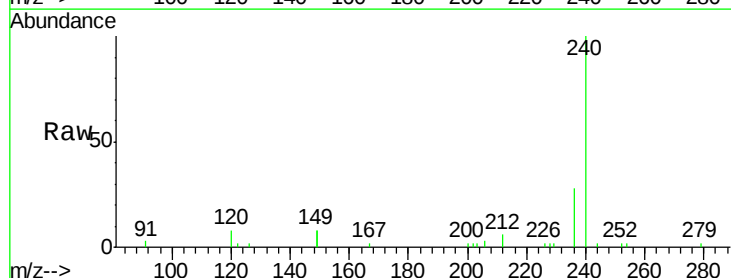
Tgt Ion:240 Resp: 6405

Ion Ratio Lower Upper

240 100

120 8.4 5.0 7.4#

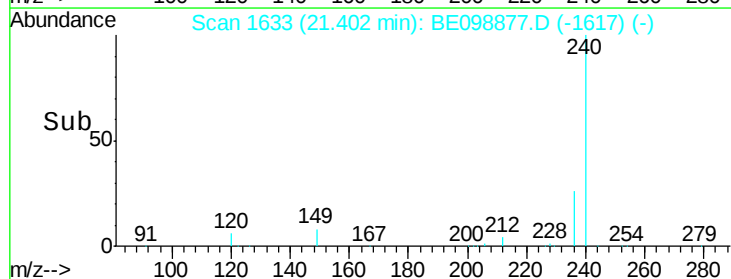
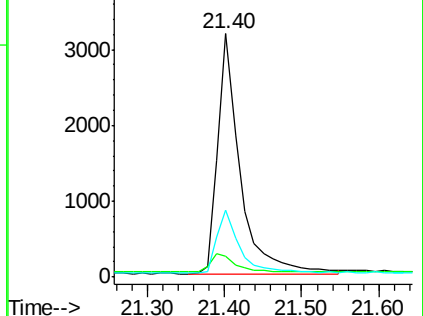
236 27.6 22.7 34.1



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: 0.533 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098877.D

Acq: 12 Mar 2019 1:41

Instrument :

BNA_E

ClientSampleId :

RE104D3-20190307

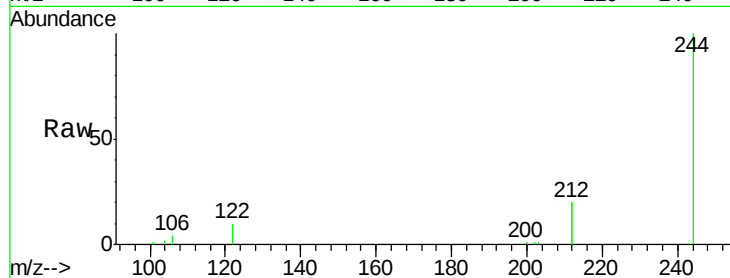
Tgt Ion:244 Resp: 8293

Ion Ratio Lower Upper

244 100

212 39.4 29.4 44.2

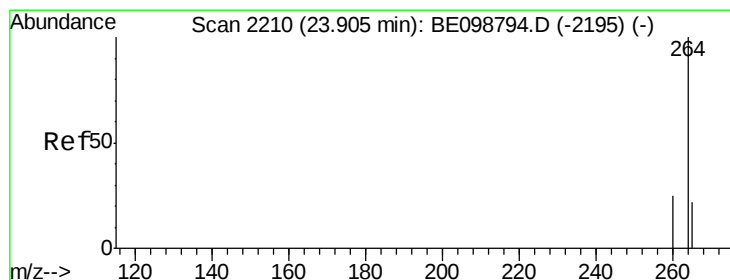
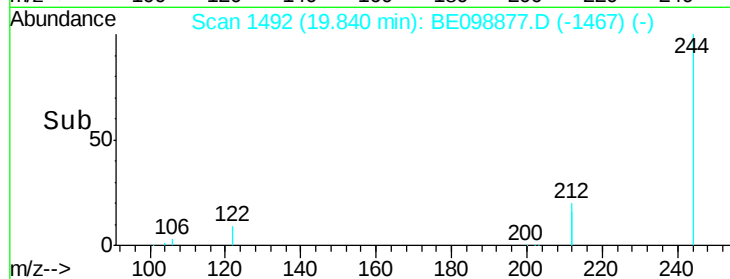
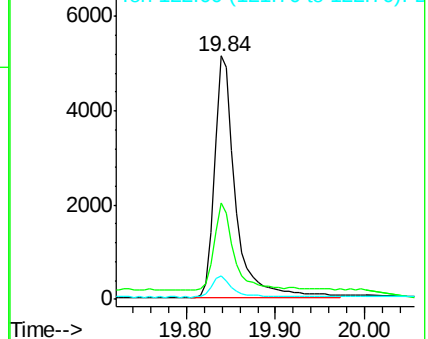
122 9.7 7.1 10.7



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: 23.90 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BE098877.D

Acq: 12 Mar 2019 1:41

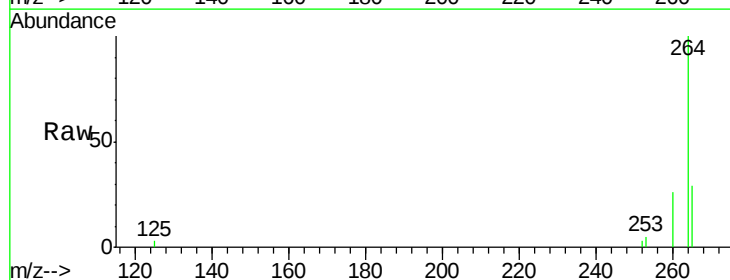
Tgt Ion:264 Resp: 6444

Ion Ratio Lower Upper

264 100

260 26.3 21.2 31.8

265 29.4 24.6 36.8



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

