

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030819\
 Data File : BE098854.D
 Acq On : 9 Mar 2019 4:36
 Operator : JU/SJ
 Sample : K1793-17
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP02-20190306

Quant Time: Mar 09 06:55:39 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

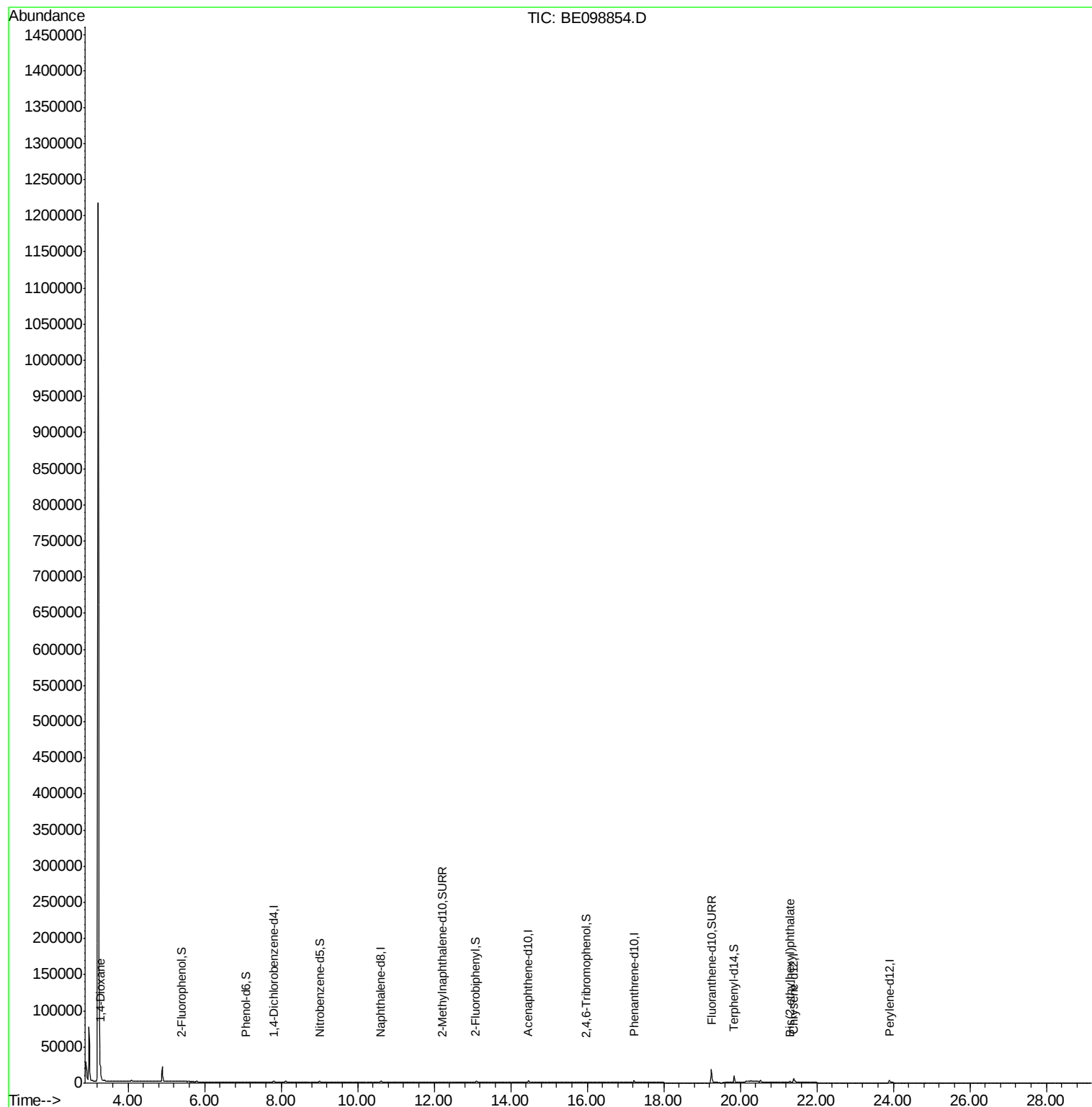
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	672	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2772	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2042	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5279	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6688	0.40	ng	0.00
34) Perylene-d12	23.90	264	6549	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	278	0.14	ng	0.01
5) Phenol-d6	7.09	99	217	0.08	ng	0.10
8) Nitrobenzene-d5	9.02	82	964	0.33	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	2137	0.42	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	365	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3531	0.42	ng	0.00
25) Fluoranthene-d10	19.25	212	32785	0.39	ng	0.00
29) Terphenyl-d14	19.84	244	8748	0.54	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	6627	6.301	ng	94
32) Bis(2-ethylhexyl)phthalate	21.29	149	1125	0.025	ng	# 98

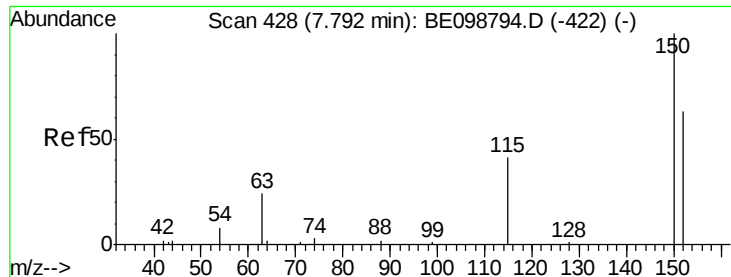
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. 0.00 min

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ClientSampleId :

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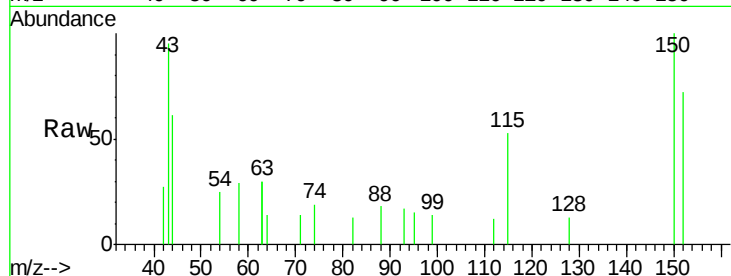
Tgt Ion:152 Resp: 672

Ion Ratio Lower Upper

152 100

150 139.8 122.5 183.7

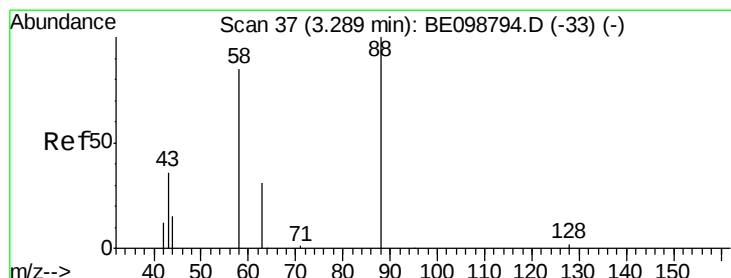
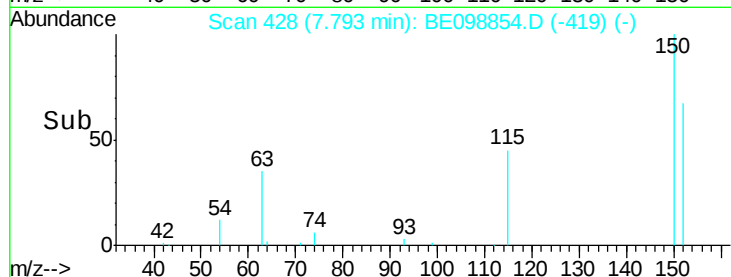
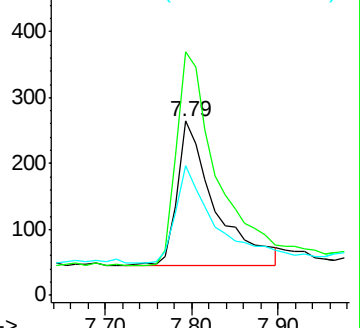
115 74.2 57.4 86.2



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: 6.301 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE098854.D

Acq: 9 Mar 2019 4:36

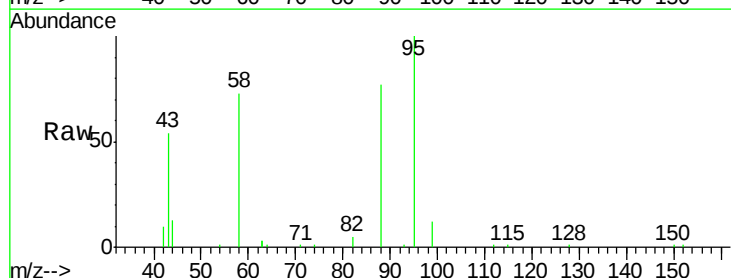
Tgt Ion: 88 Resp: 6627

Ion Ratio Lower Upper

88 100

58 92.7 75.8 113.6

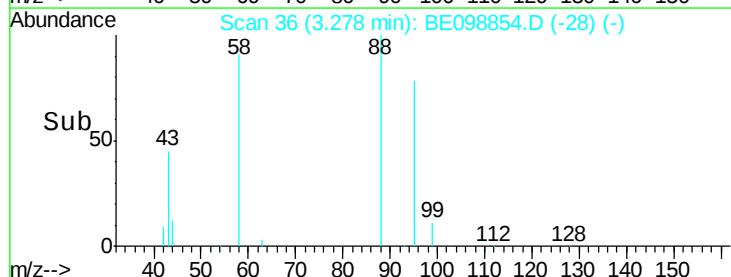
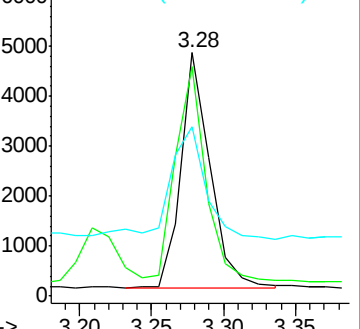
43 61.6 41.8 62.8



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: 0.138 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098854.D

Acq: 9 Mar 2019 4:36

Instrument :

BNA_E

ClientSampleId :

DUP02-20190306

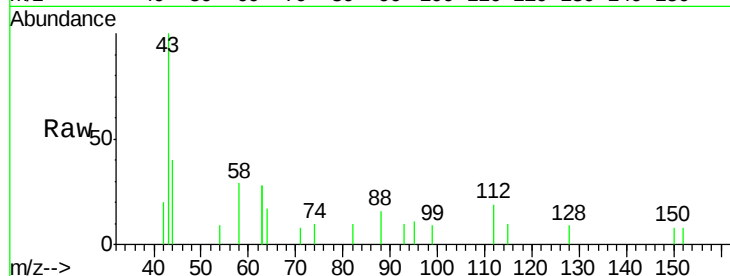
Tgt Ion: 112 Resp: 278

Ion Ratio Lower Upper

112 100

64 78.4 57.9 86.9

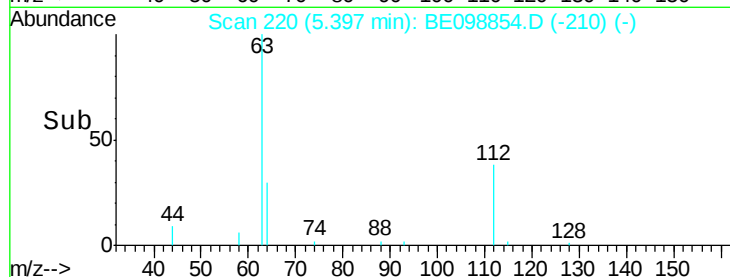
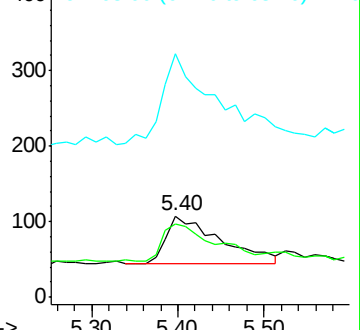
63 207.9 158.3 237.5



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: 0.076 ng

RT: 7.09 min Scan# 367

Delta R.T. 0.10 min

Lab File: BE098854.D

Acq: 9 Mar 2019 4:36

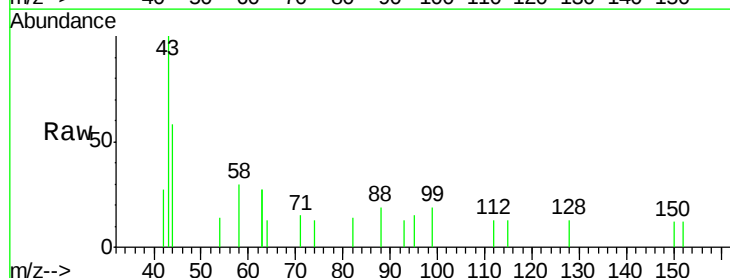
Tgt Ion: 99 Resp: 217

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

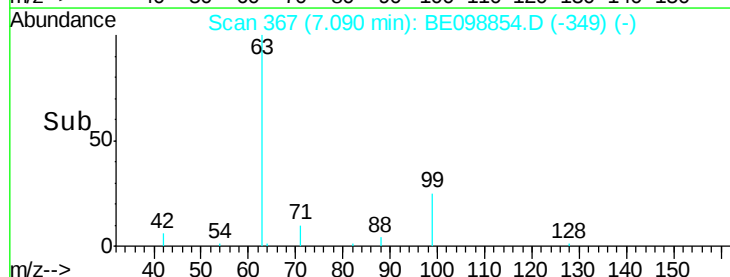
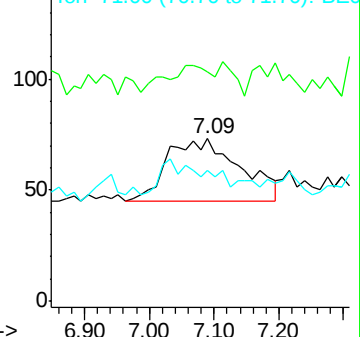
71 0.0 35.7 53.5#



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: BE098854.D

Acq: 9 Mar 2019 4:36

Instrument :

BNA_E

ClientSampleId :

DUP02-20190306

Tgt Ion: 136 Resp: 2772

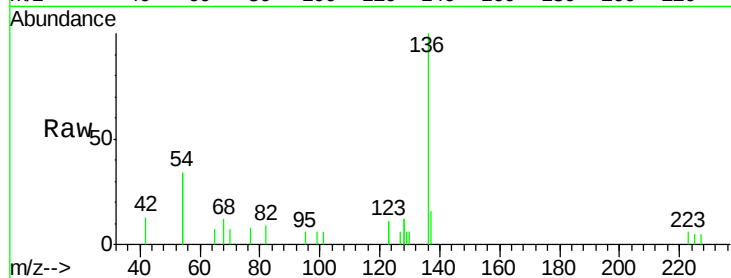
Ion Ratio Lower Upper

136 100

137 15.7 11.4 17.0

54 68.2 39.3 58.9#

68 12.3 6.7 10.1#

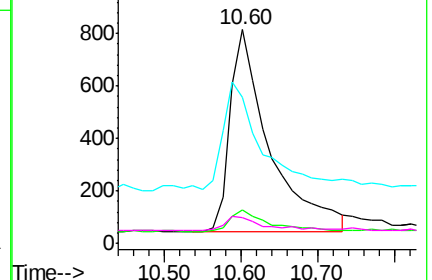
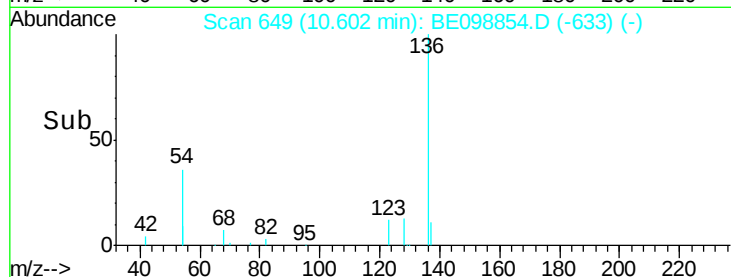


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.332 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE098854.D

Acq: 9 Mar 2019 4:36

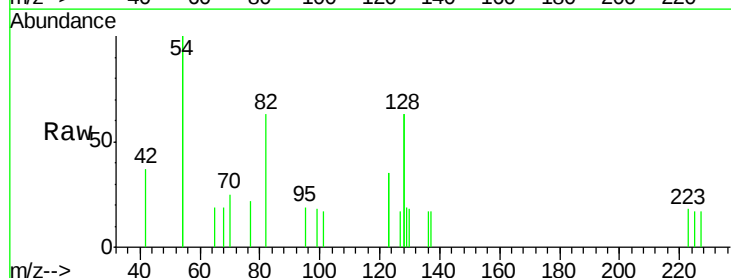
Tgt Ion: 82 Resp: 964

Ion Ratio Lower Upper

82 100

128 198.8 123.8 185.8#

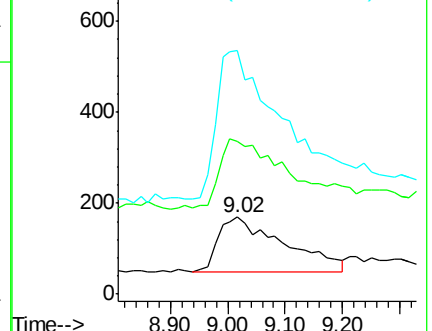
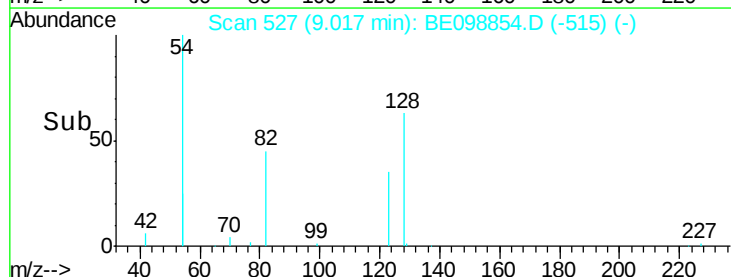
54 317.2 203.4 305.2#



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: 0.417 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE098854.D

Acq: 9 Mar 2019 4:36

Instrument :

BNA_E

ClientSampleId :

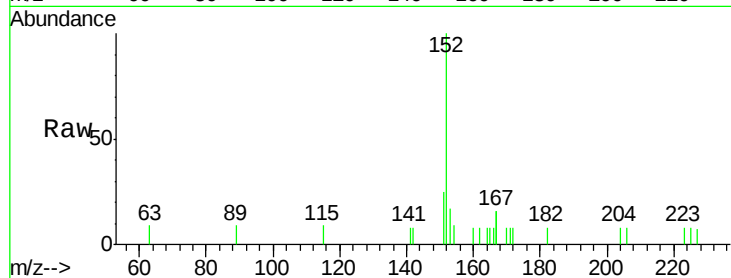
DUP02-20190306

Tgt Ion:152 Resp: 2137

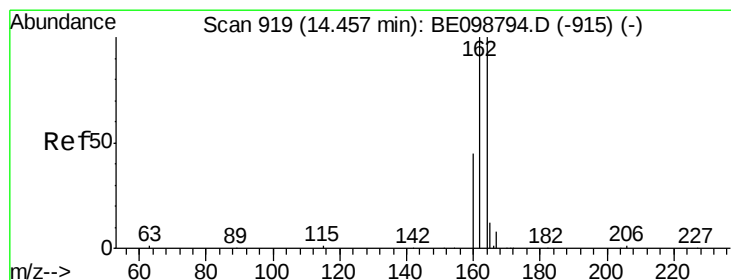
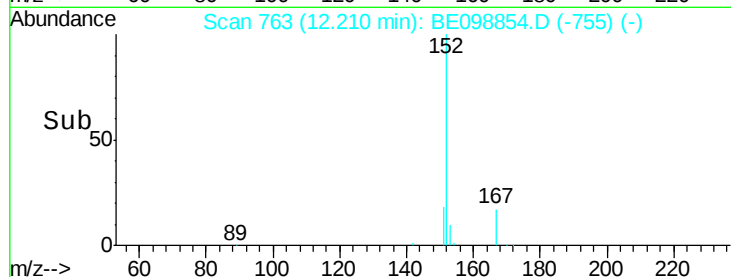
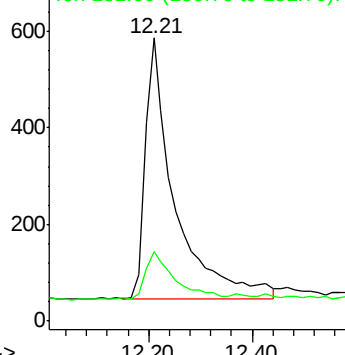
Ion Ratio Lower Upper

152 100

151 18.0 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE098854.D

Acq: 9 Mar 2019 4:36

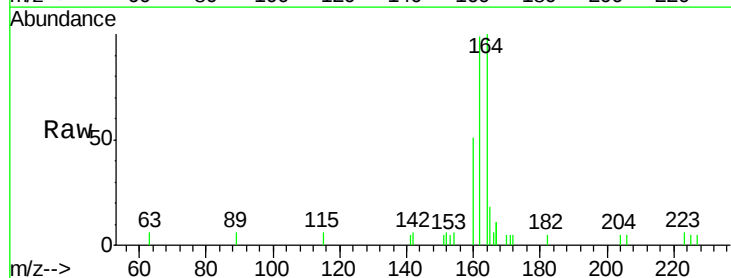
Tgt Ion:164 Resp: 2042

Ion Ratio Lower Upper

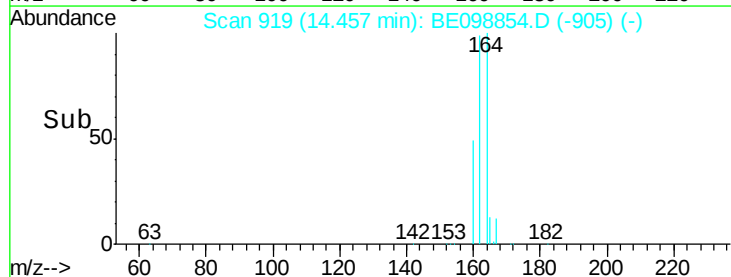
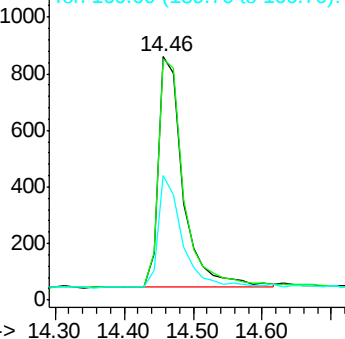
164 100

162 98.7 80.2 120.2

160 51.2 37.8 56.8



Abundance Ion 164.00 (163.70 to 164.70): E





#14

2,4,6-Tribromophenol

Concen: 0.354 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098854.D

Acq: 9 Mar 2019 4:36

Instrument :

BNA_E

ClientSampleId :

DUP02-20190306

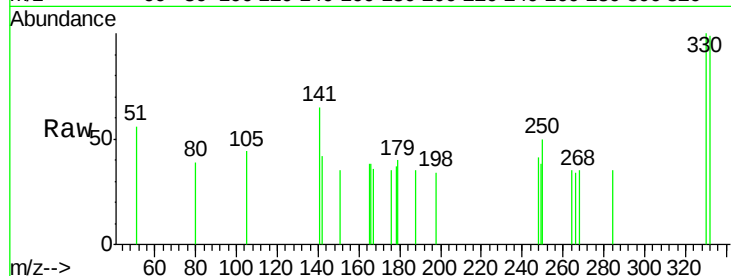
Tgt Ion:330 Resp: 365

Ion Ratio Lower Upper

330 100

332 78.9 77.6 116.4

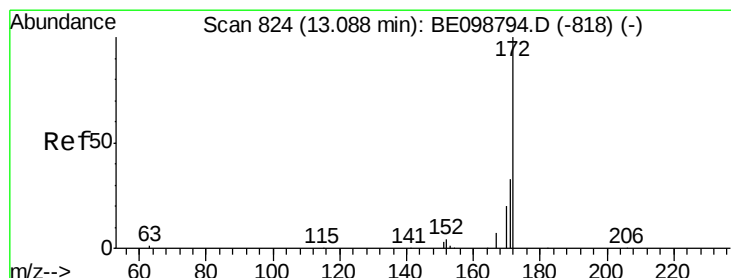
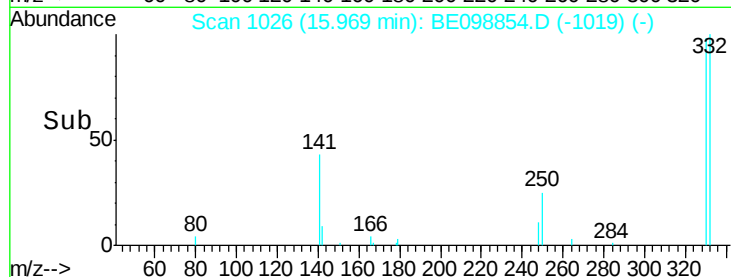
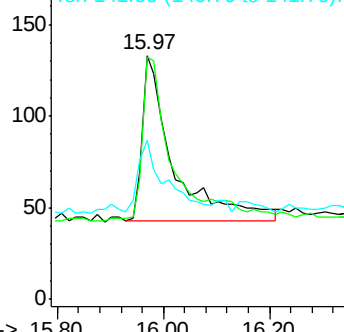
141 37.0 31.0 46.4



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



#15

2-Fluorobiphenyl

Concen: 0.418 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE098854.D

Acq: 9 Mar 2019 4:36

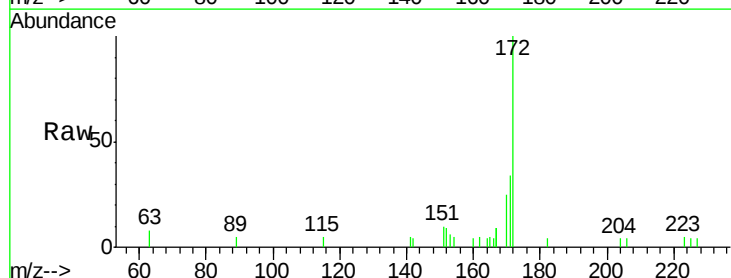
Tgt Ion:172 Resp: 3531

Ion Ratio Lower Upper

172 100

171 33.5 28.0 42.0

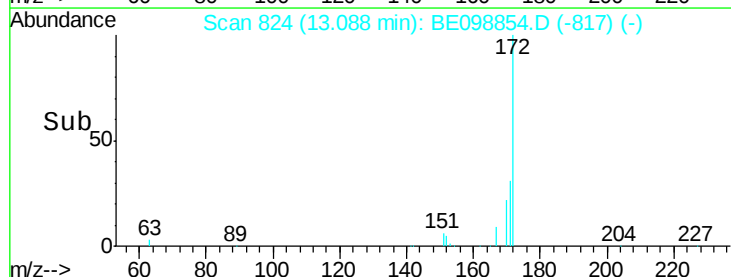
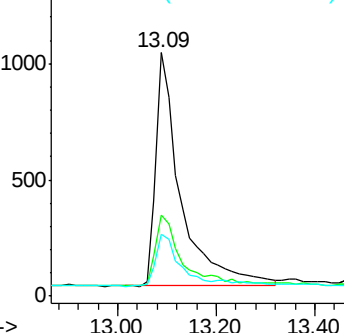
170 25.3 17.7 26.5



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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098854.D

Acq: 9 Mar 2019 4:36

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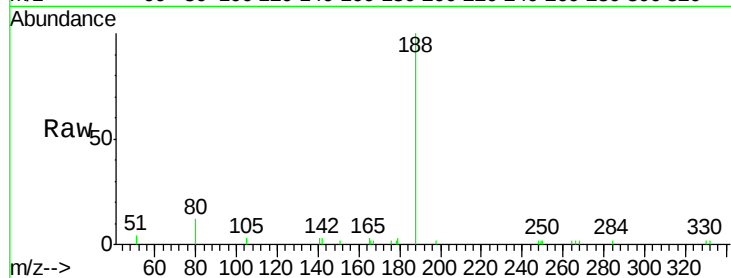
Tgt Ion:188 Resp: 5279

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

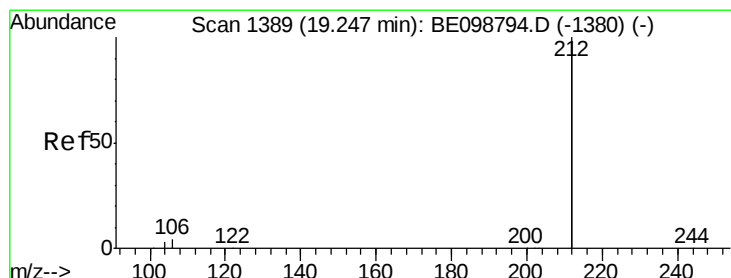
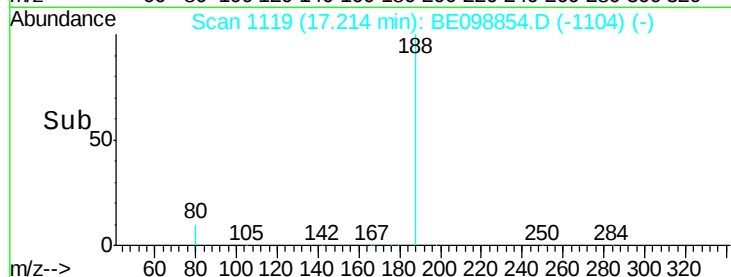
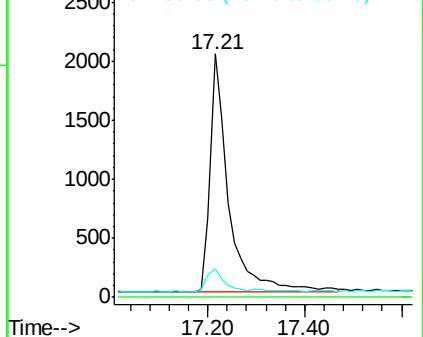
80 11.9 6.3 9.5#



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



#25

Fluoranthene-d10

Concen: 0.389 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098854.D

Acq: 9 Mar 2019 4:36

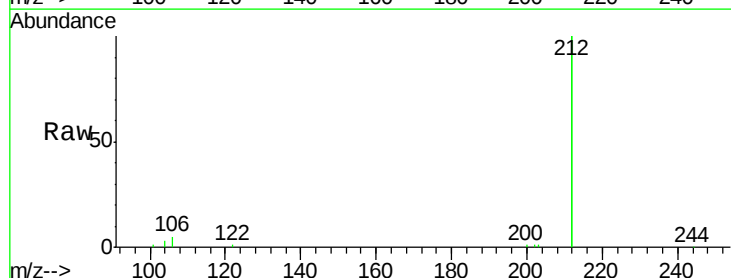
Tgt Ion:212 Resp: 32785

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

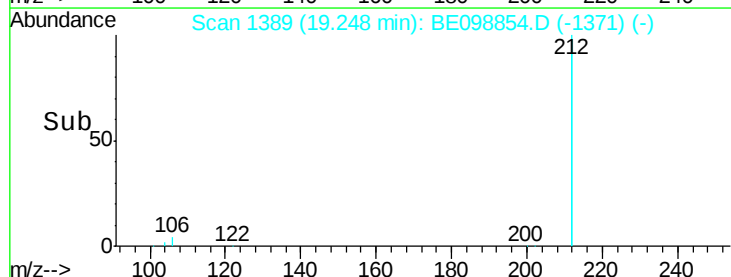
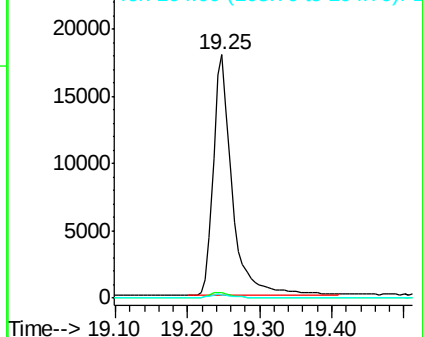
104 1.4 1.0 1.6



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

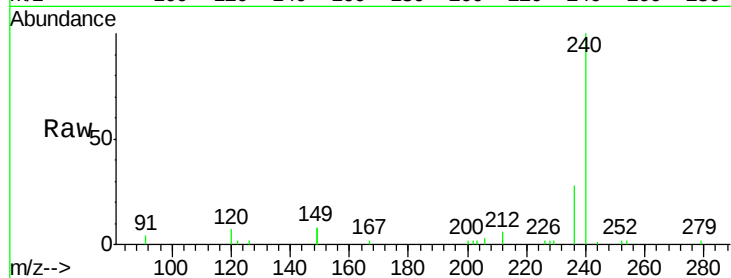




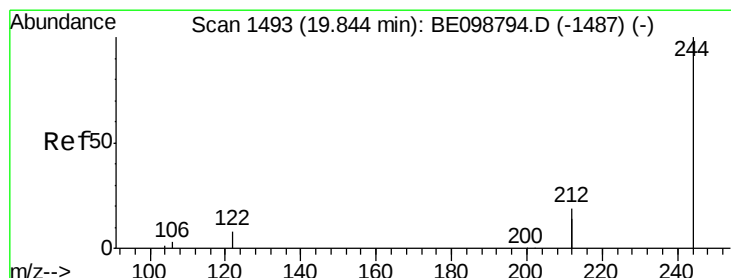
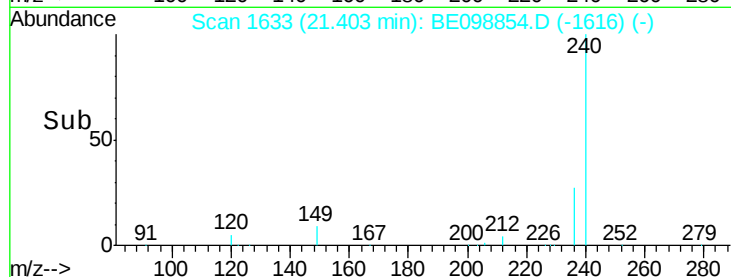
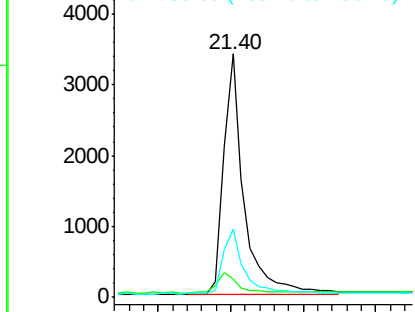
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE098854.D
 Acq: 9 Mar 2019 4:36

Instrument :
 BNA_E
 ClientSampleId :
 DUP02-20190306

Tgt Ion:240 Resp: 6688
 Ion Ratio Lower Upper
 240 100
 120 7.3 5.0 7.4
 236 28.3 22.7 34.1

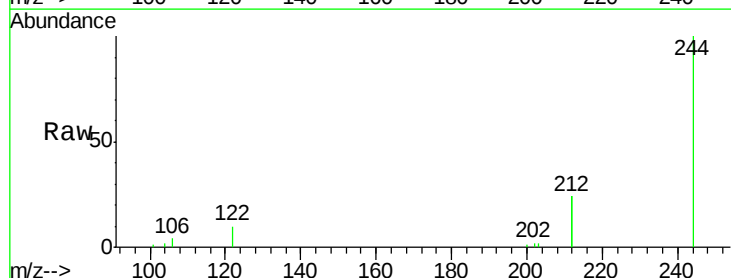


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

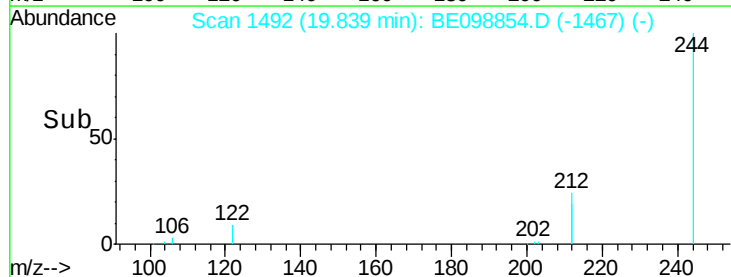
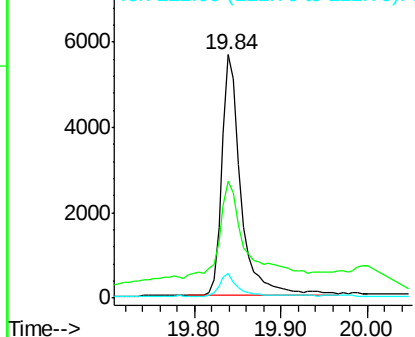


#29
 Terphenyl-d14
 Concen: 0.538 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BE098854.D
 Acq: 9 Mar 2019 4:36

Tgt Ion:244 Resp: 8748
 Ion Ratio Lower Upper
 244 100
 212 48.2 29.4 44.2#
 122 9.9 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

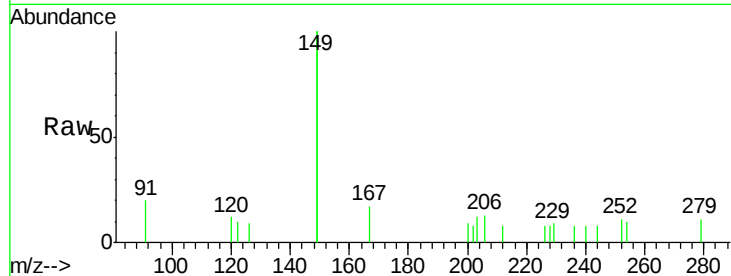




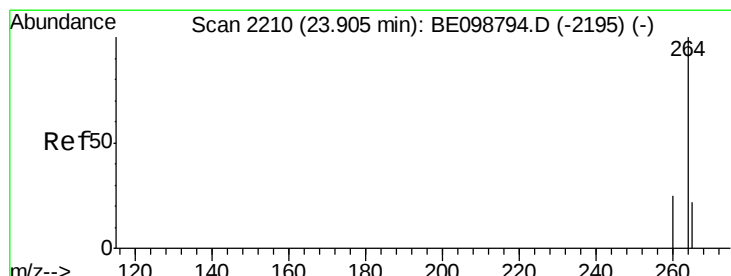
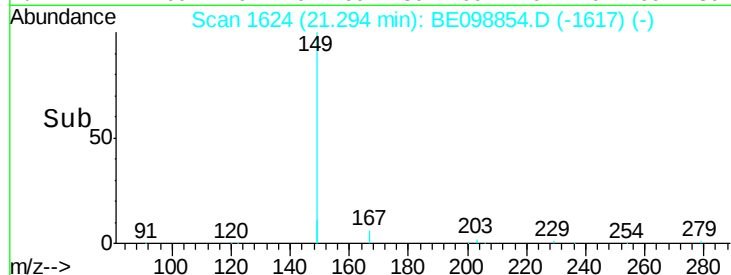
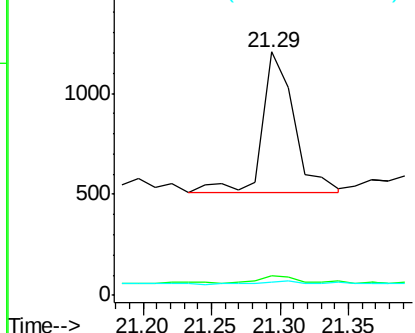
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.025 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE098854.D
Acq: 9 Mar 2019 4:36

Instrument :
BNA_E
ClientSampleId :
DUP02-20190306

Tgt Ion:149 Resp: 1125
Ion Ratio Lower Upper
149 100
167 6.3 5.4 8.0
279 3.2 1.0 1.4#

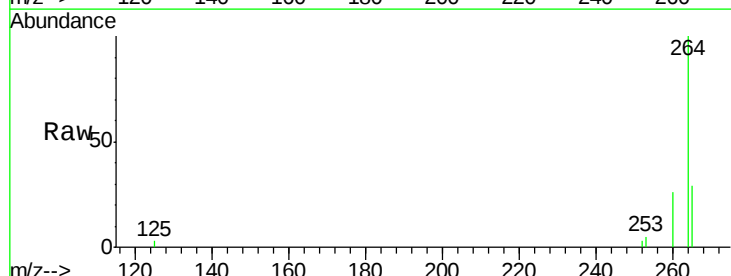


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BE098854.D
Acq: 9 Mar 2019 4:36

Tgt Ion:264 Resp: 6549
Ion Ratio Lower Upper
264 100
260 25.9 21.2 31.8
265 29.0 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

