

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121418\
 Data File : BE098448.D
 Acq On : 14 Dec 2018 22:45
 Operator : SJ/JU
 Sample : J6343-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BPS1-TT-MW312I-20181210

Quant Time: Dec 14 23:33:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

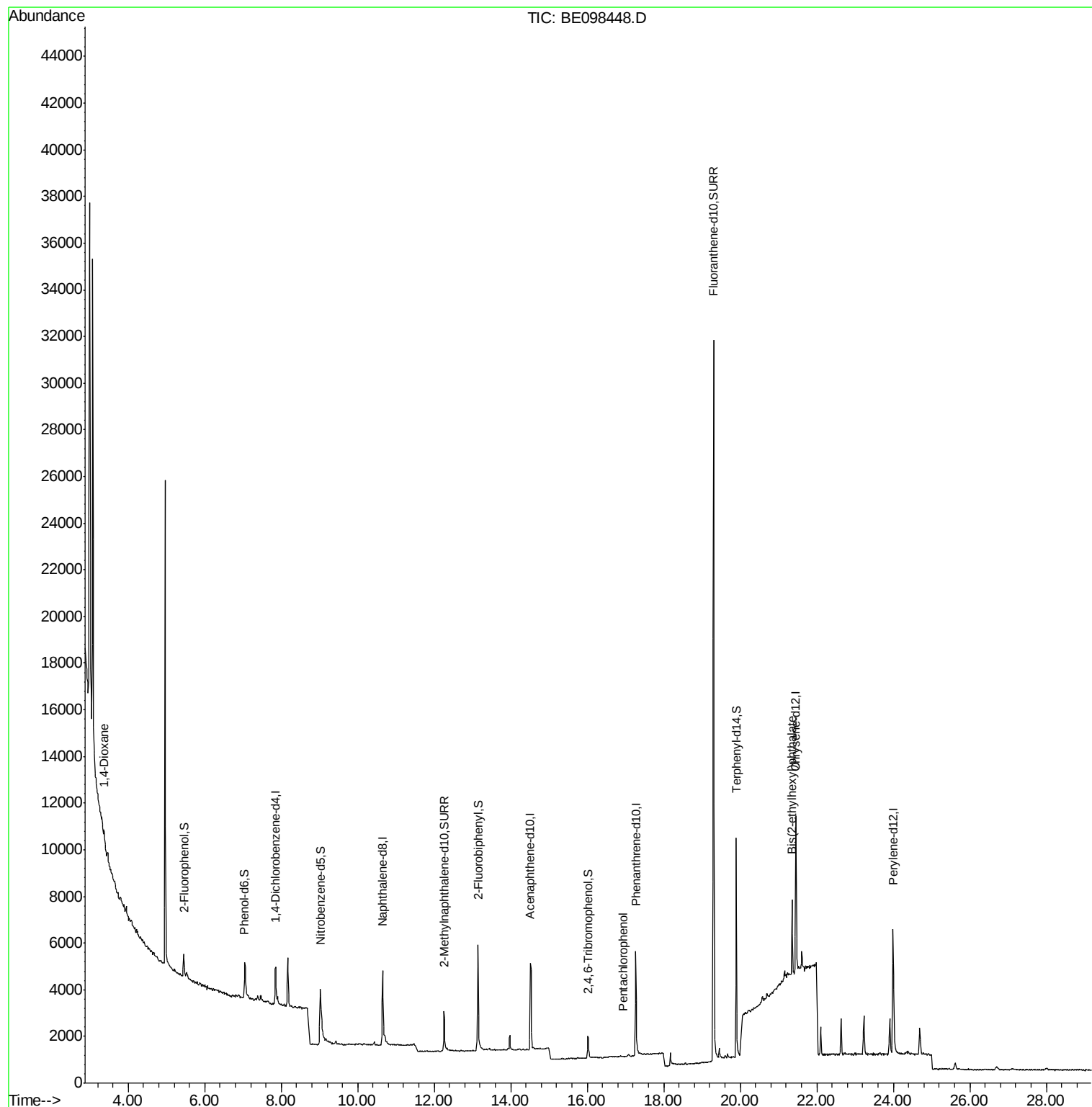
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	992	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	4233	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	2836	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	6936	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	8841	0.40	ng	-0.01
34) Perylene-d12	23.99	264	8578	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	664	0.29	ng	0.00
5) Phenol-d6	7.04	99	542	0.16	ng	0.00
8) Nitrobenzene-d5	9.03	82	1749	0.45	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	3046	0.44	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	741	0.71	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5966	0.50	ng	0.00
25) Fluoranthene-d10	19.30	212	44510	0.50	ng	0.00
29) Terphenyl-d14	19.89	244	8838	0.41	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.37	88	97	0.057	ng	# 1
22) Pentachlorophenol	16.93	266	8	0.029	ng	# 70
32) Bis(2-ethylhexyl)phthalate	21.35	149	3813	0.075	ng	# 94

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

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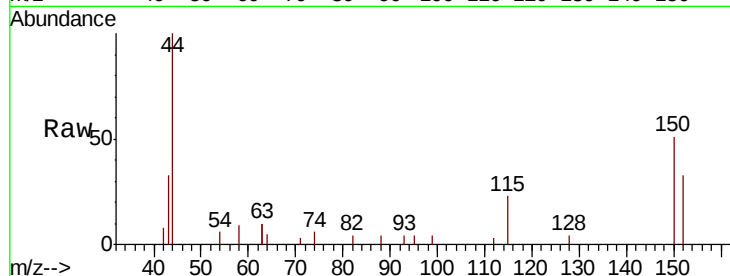


#1

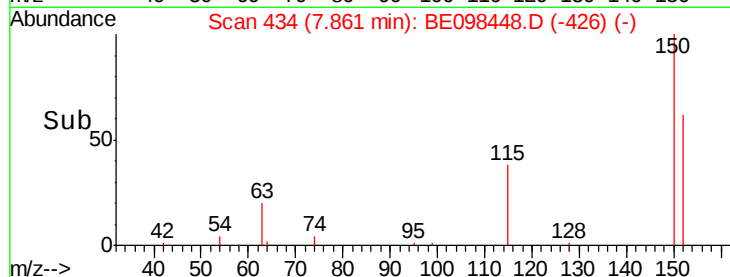
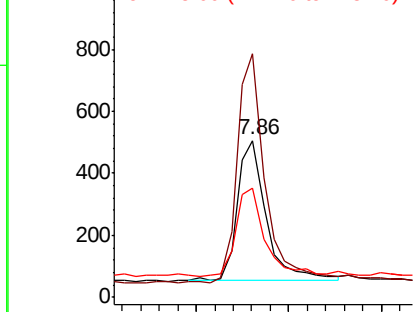
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098448.D
Acq: 14 Dec 2018 22:45

Instrument :
BNA_G
ClientSampleId :
BPS1-TT-MW312I-20181210

Tgt Ion: 152 Resp: 992
Ion Ratio Lower Upper
152 100
150 155.3 124.2 186.4
115 69.4 53.9 80.9



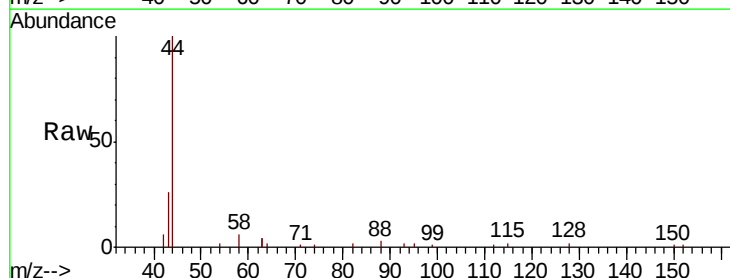
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



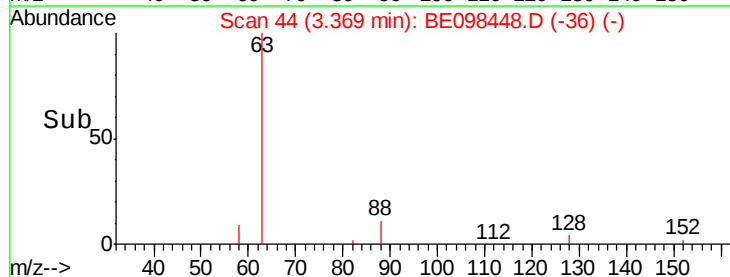
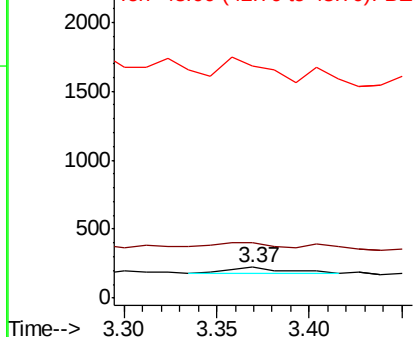
#2

1,4-Dioxane
Concen: 0.057 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098448.D
Acq: 14 Dec 2018 22:45

Tgt Ion: 88 Resp: 97
Ion Ratio Lower Upper
88 100
58 74.2 75.0 112.6#
43 287.6 38.3 57.5#



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: 0.286 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098448.D

Acq: 14 Dec 2018 22:45

Instrument :

BNA_G

ClientSampleId :

BPS1-TT-MW312I-20181210

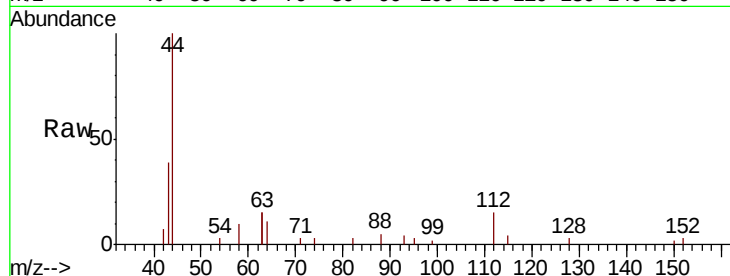
Tgt Ion: 112 Resp: 664

Ion Ratio Lower Upper

112 100

64 78.3 59.8 89.8

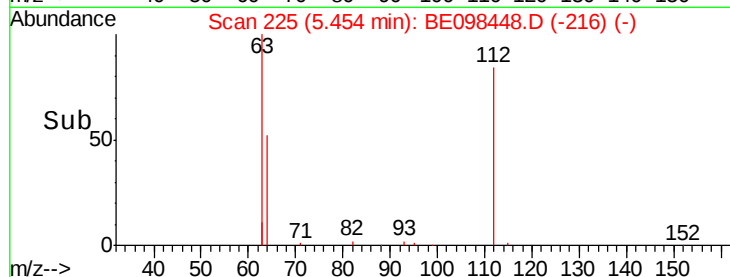
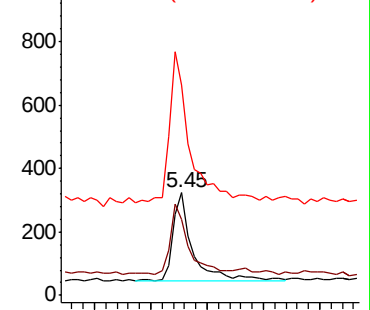
63 187.7 133.7 200.5



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.165 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098448.D

Acq: 14 Dec 2018 22:45

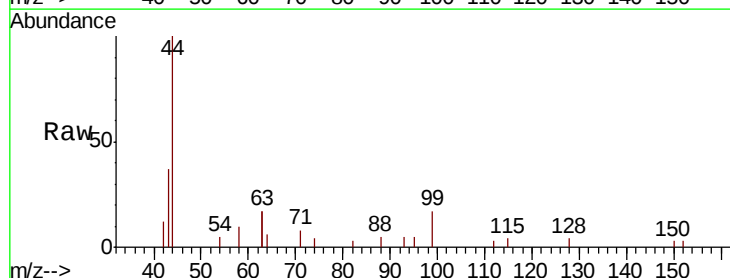
Tgt Ion: 99 Resp: 542

Ion Ratio Lower Upper

99 100

42 47.0 26.3 39.5#

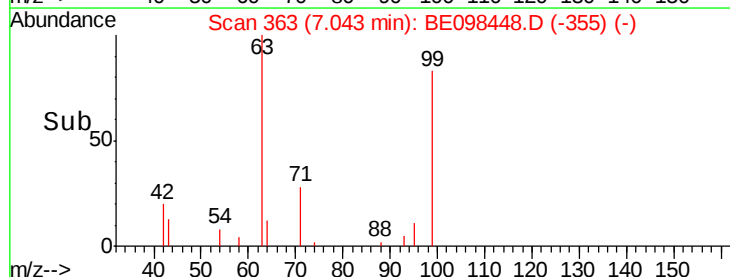
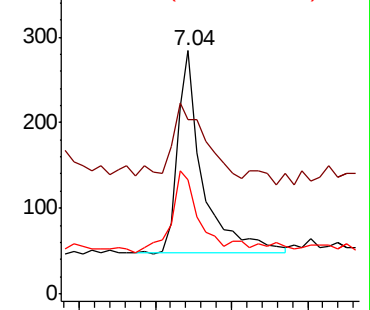
71 47.2 33.6 50.4

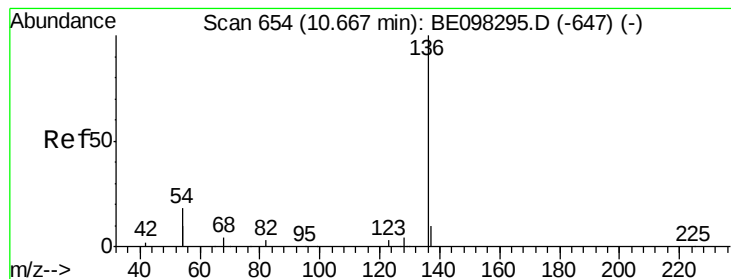


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098448.D

Acq: 14 Dec 2018 22:45

Instrument :

BNA_G

ClientSampleId :

BPS1-TT-MW312I-20181210

Tgt Ion: 136 Resp: 4233

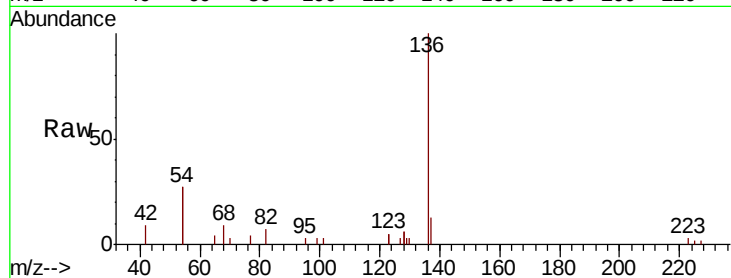
Ion Ratio Lower Upper

136 100

137 13.3 9.2 13.8

54 54.8 28.4 42.6#

68 9.1 5.4 8.0#

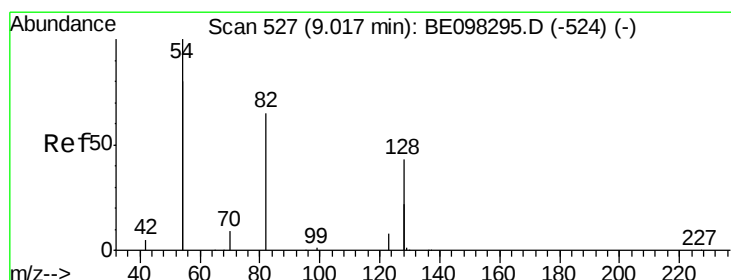
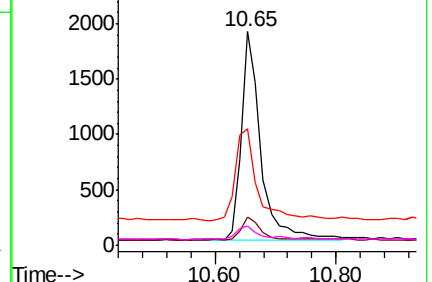
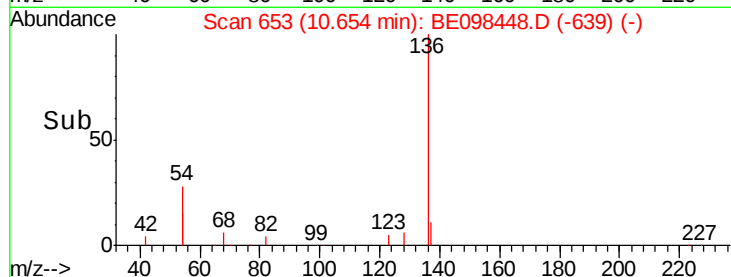


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.454 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098448.D

Acq: 14 Dec 2018 22:45

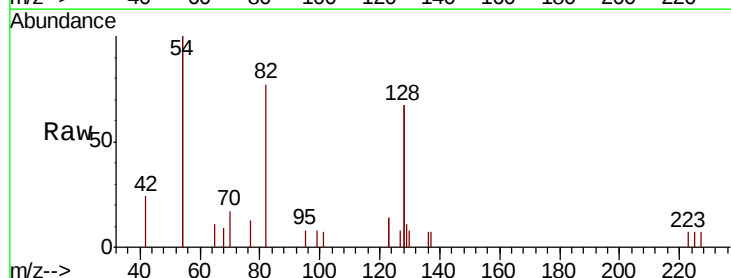
Tgt Ion: 82 Resp: 1749

Ion Ratio Lower Upper

82 100

128 174.3 102.4 153.6#

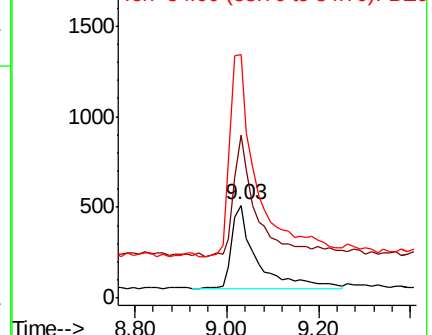
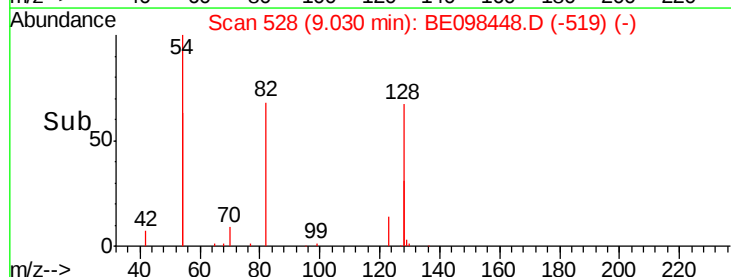
54 261.1 221.8 332.8



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: 0.443 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.01 min

Lab File: BE098448.D

Acq: 14 Dec 2018 22:45

Instrument :

BNA_G

ClientSampleId :

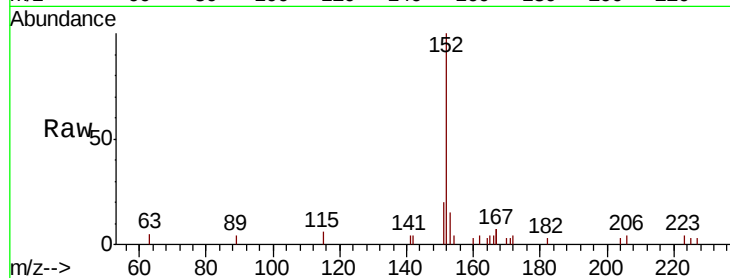
BPS1-TT-MW312I-20181210

Tgt Ion:152 Resp: 3046

Ion Ratio Lower Upper

152 100

151 19.0 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.25

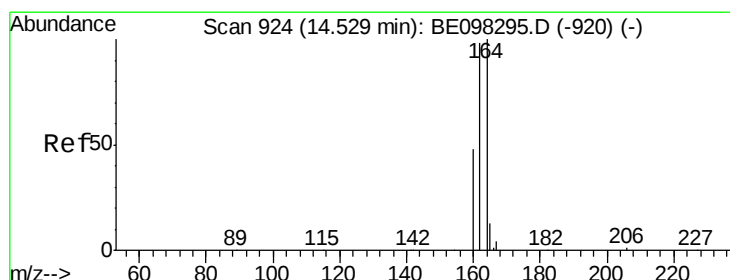
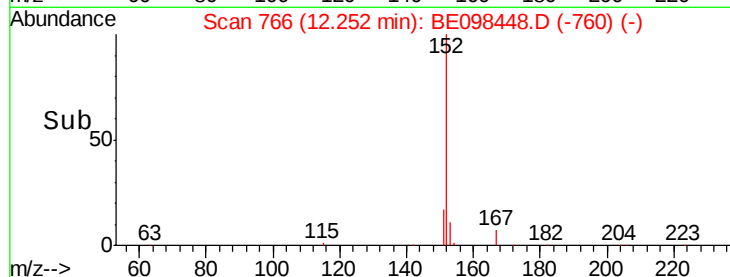
1500

1000

500

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098448.D

Acq: 14 Dec 2018 22:45

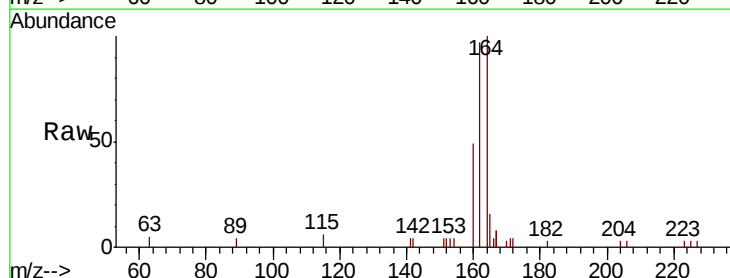
Tgt Ion:164 Resp: 2836

Ion Ratio Lower Upper

164 100

162 97.3 77.6 116.4

160 49.1 36.0 54.0



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

2000

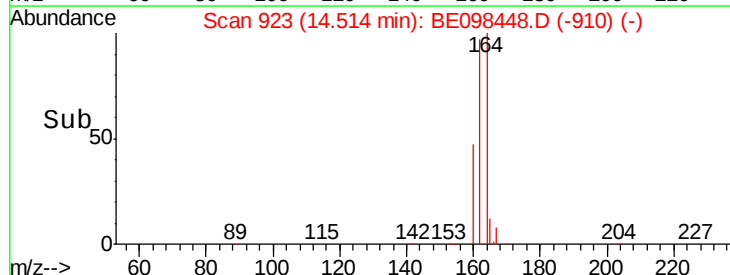
1500

1000

500

0

Time-->

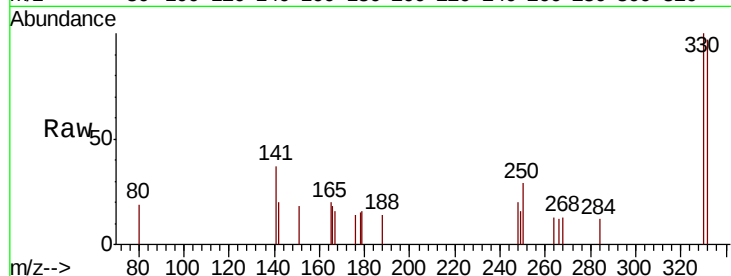




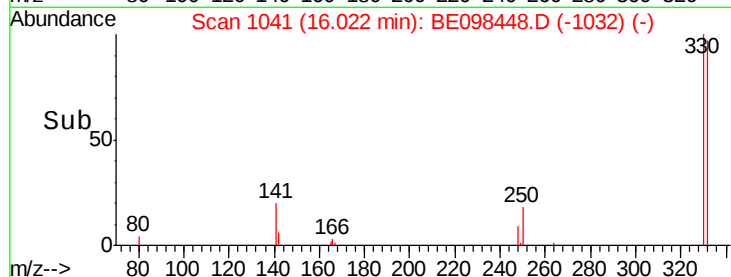
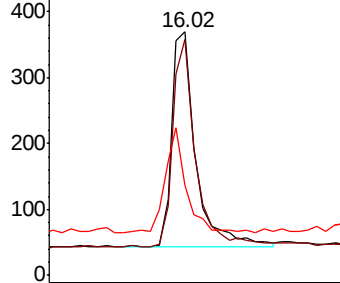
#14
 2,4,6-Tribromophenol
 Concen: 0.712 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098448.D
 Acq: 14 Dec 2018 22:45

Instrument :
 BNA_G
 ClientSampleId :
 BPS1-TT-MW312I-20181210

Tgt Ion: 330 Resp: 741
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.2 114.4
 141 42.5 39.0 58.4

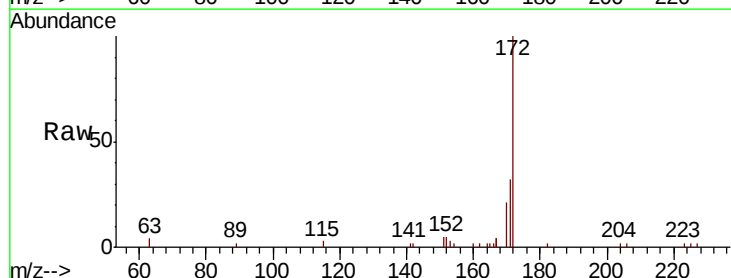


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

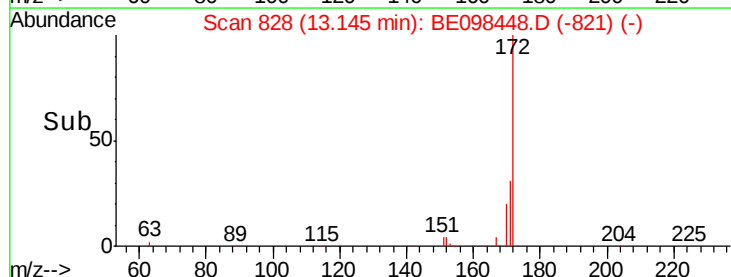
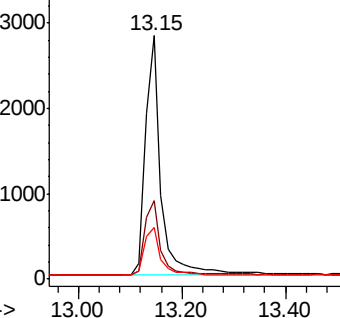


#15
 2-Fluorobiphenyl
 Concen: 0.499 ng
 RT: 13.15 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098448.D
 Acq: 14 Dec 2018 22:45

Tgt Ion: 172 Resp: 5966
 Ion Ratio Lower Upper
 172 100
 171 32.3 27.5 41.3
 170 21.3 19.6 29.4



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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098448.D

Acq: 14 Dec 2018 22:45

Instrument :

BNA_G

ClientSampleId :

BPS1-TT-MW312I-20181210

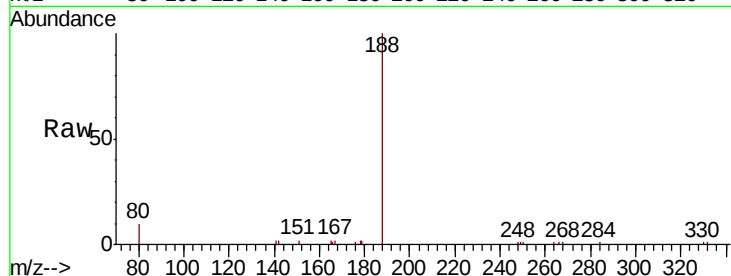
Tgt Ion:188 Resp: 6936

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

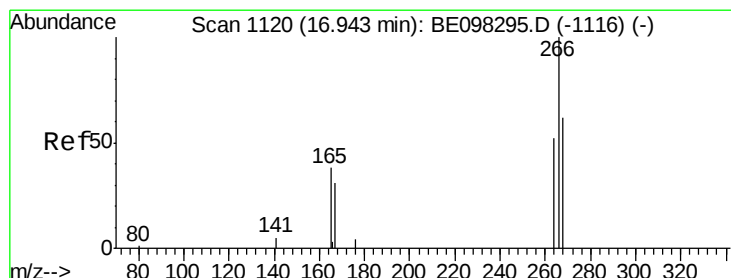
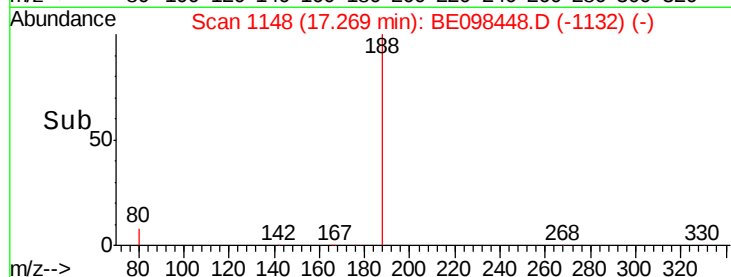
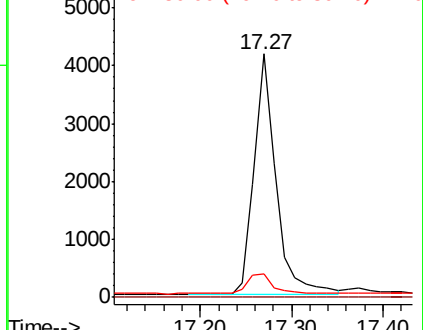
80 9.6 7.2 10.8



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: 0.029 ng

RT: 16.93 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE098448.D

Acq: 14 Dec 2018 22:45

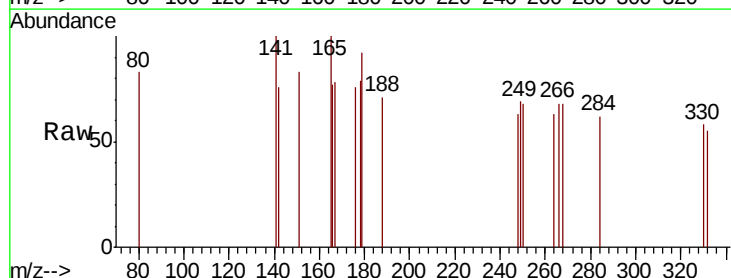
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 92.5 59.0 88.4#

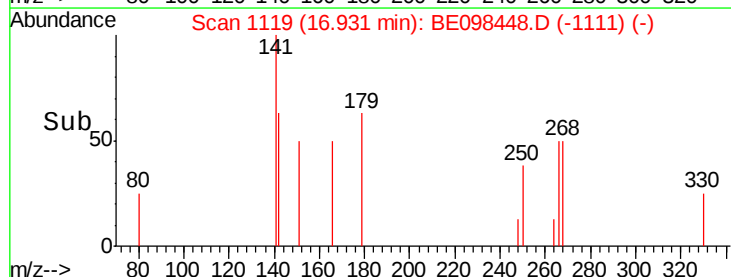
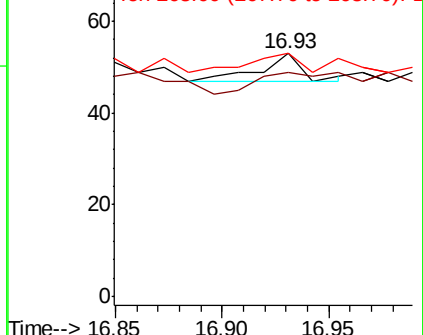
268 100.0 55.1 82.7#

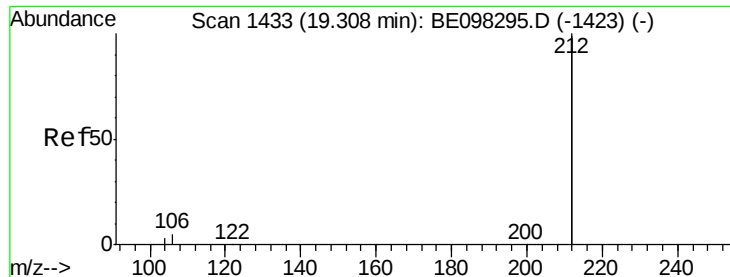


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.500 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098448.D

Acq: 14 Dec 2018 22:45

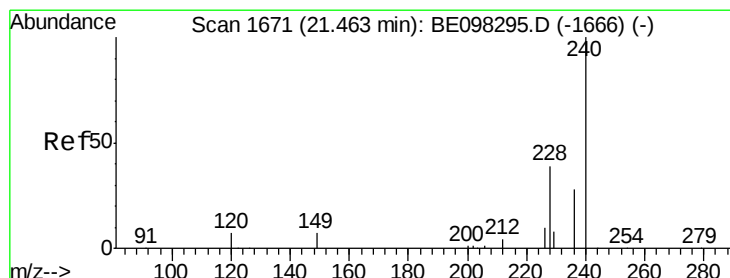
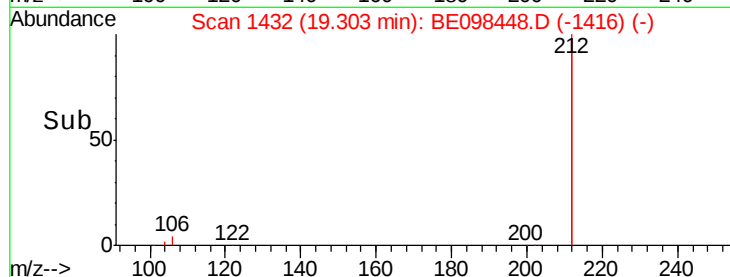
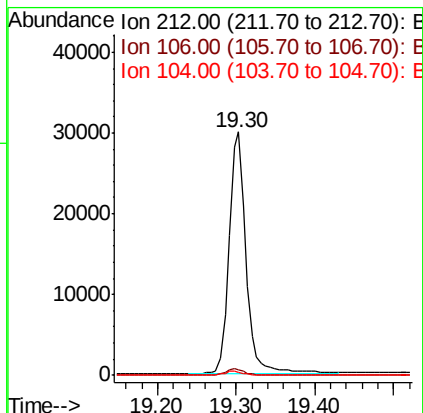
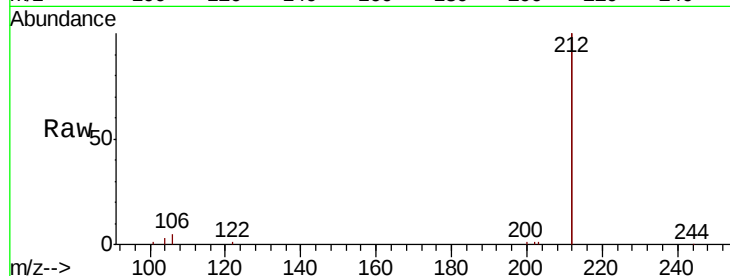
Instrument :

BNA_G

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BPS1-TT-MW312I-20181210

Tgt Ion:	212	Resp:	44510
Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.2
104	1.5	1.3	1.9



#27

Chrysene-d12

Concen: 0.400 ng

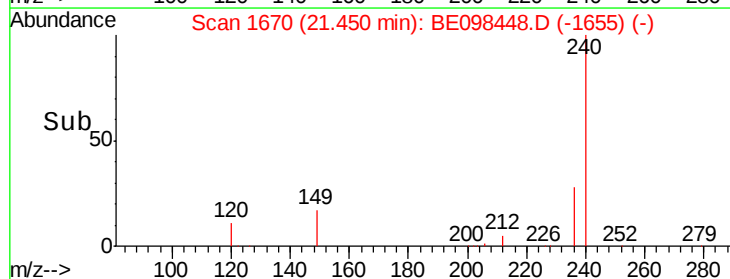
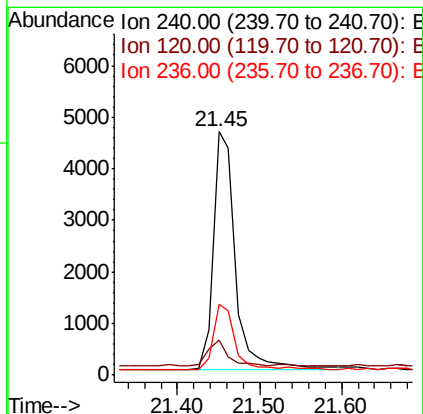
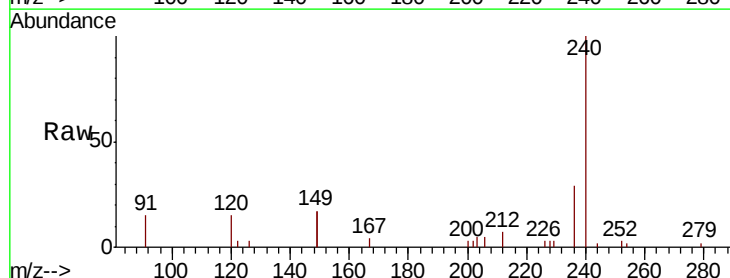
RT: 21.45 min Scan# 1670

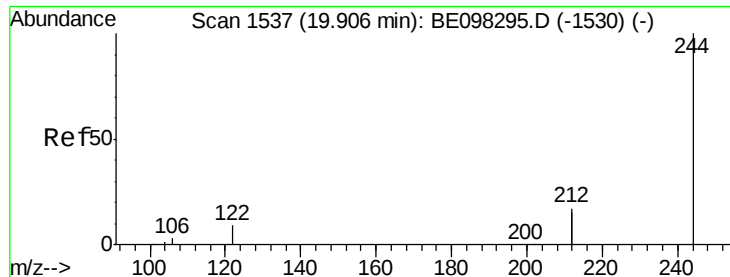
Delta R.T. -0.01 min

Lab File: BE098448.D

Acq: 14 Dec 2018 22:45

Tgt Ion:	240	Resp:	8841
Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	29.1	22.7	34.1





#29

Terphenyl-d14

Concen: 0.411 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098448.D

Acq: 14 Dec 2018 22:45

Instrument :

BNA_G

ClientSampleId :

BPS1-TT-MW312I-20181210

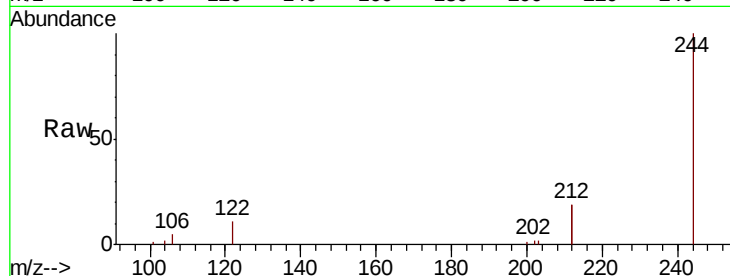
Tgt Ion:244 Resp: 8838

Ion Ratio Lower Upper

244 100

212 38.3 27.4 41.0

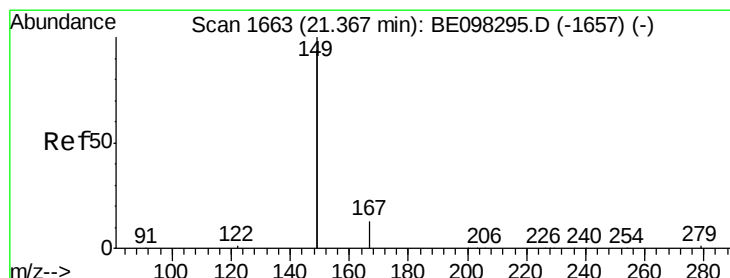
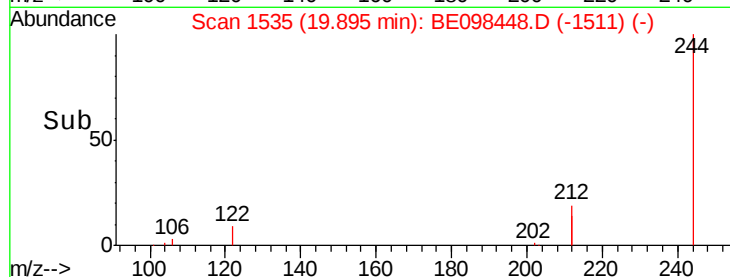
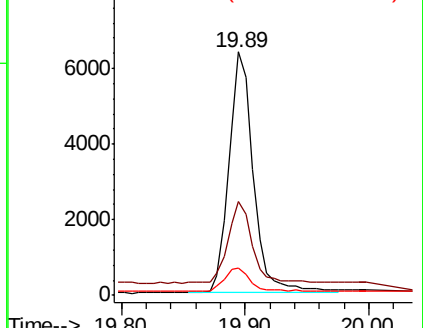
122 11.1 8.3 12.5



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: 0.075 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098448.D

Acq: 14 Dec 2018 22:45

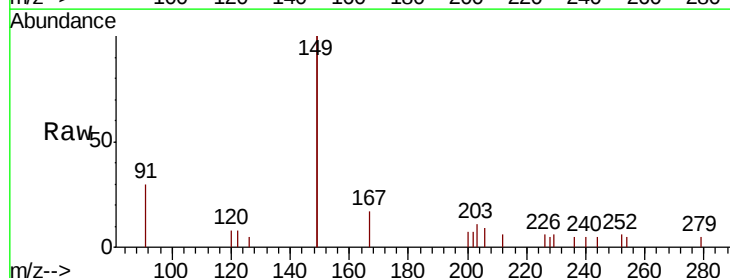
Tgt Ion:149 Resp: 3813

Ion Ratio Lower Upper

149 100

167 9.3 5.7 8.5#

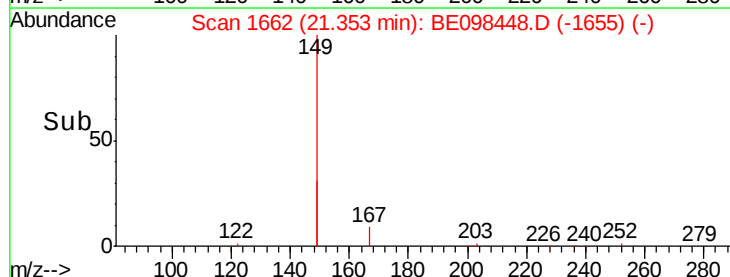
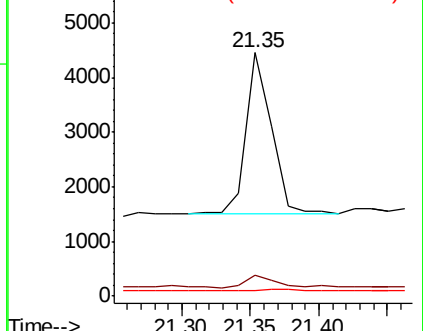
279 1.8 1.0 1.4#



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: 23.99 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BE098448.D
Acq: 14 Dec 2018 22:45

Instrument :
BNA_G
ClientSampleId :
BPS1-TT-MW312I-20181210

Tgt Ion: 264 Resp: 8578
Ion Ratio Lower Upper
264 100
260 27.6 20.2 30.2
265 34.8 25.2 37.8

