

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121018\
 Data File : BE098319.D
 Acq On : 11 Dec 2018 4:41
 Operator : SJ/JU
 Sample : J6250-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW307S-20181204

Quant Time: Dec 11 07:22:11 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

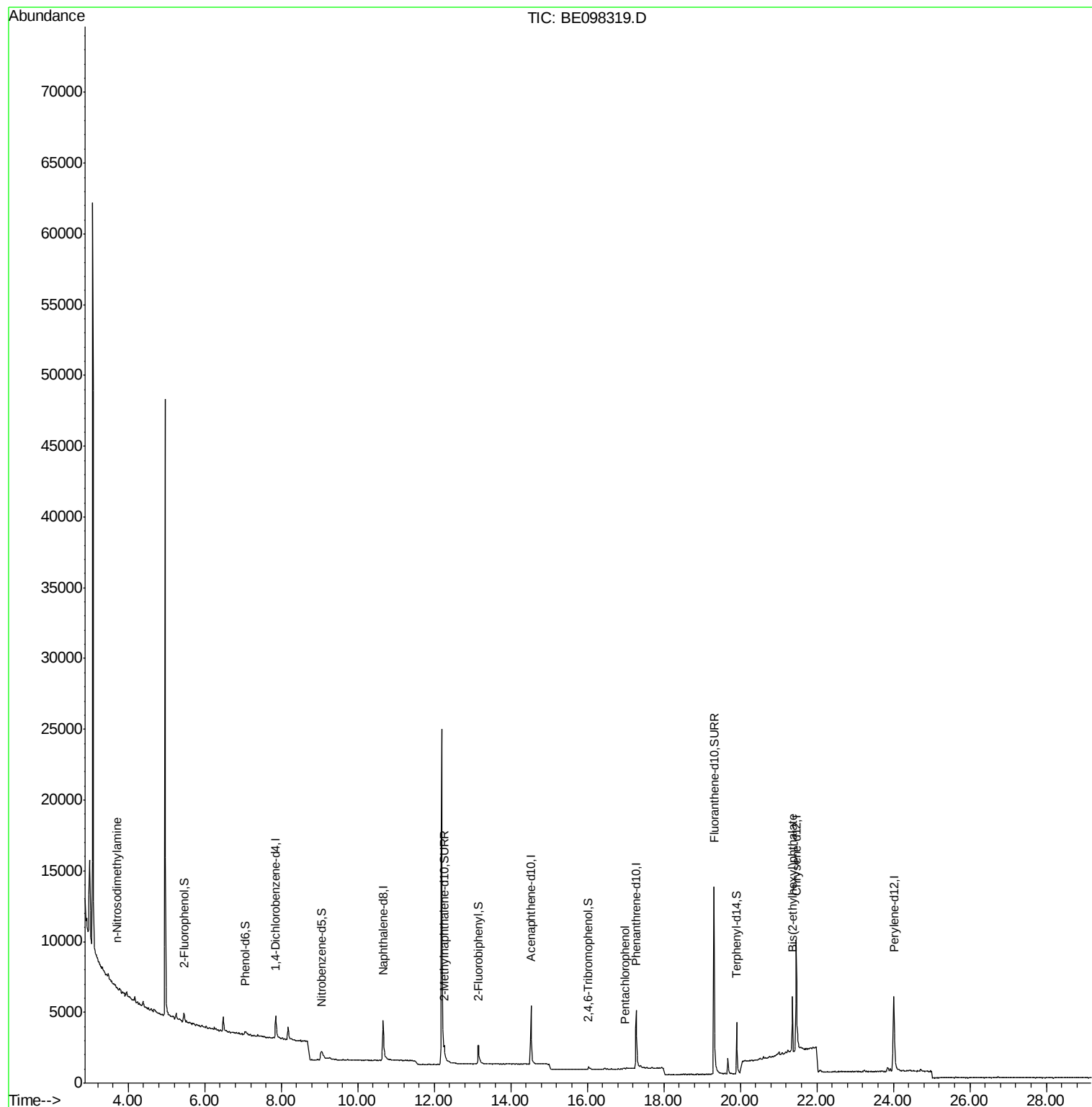
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1086	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4537	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2777	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7536	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10457	0.40	ng	0.00
34) Perylene-d12	24.01	264	9962	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	482	0.19	ng	0.00
5) Phenol-d6	7.06	99	550	0.15	ng	0.00
8) Nitrobenzene-d5	9.06	82	768	0.19	ng	0.04
11) 2-Methylnaphthalene-d10	12.27	152	1421	0.19	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	212	0.21	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	2330	0.20	ng	0.01
25) Fluoranthene-d10	19.31	212	23005	0.24	ng	0.00
29) Terphenyl-d14	19.91	244	3930	0.15	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.70	42	37	0.022	ng	# 100
22) Pentachlorophenol	16.98	266	24	0.052	ng	# 79
32) Bis(2-ethylhexyl)phthalate	21.37	149	4652	0.077	ng	99

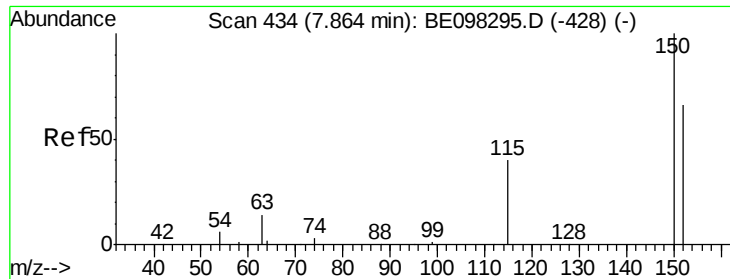
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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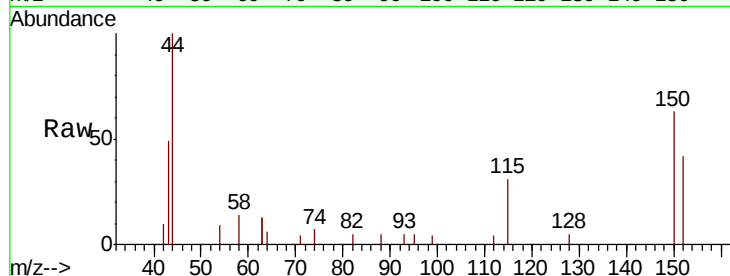


#1

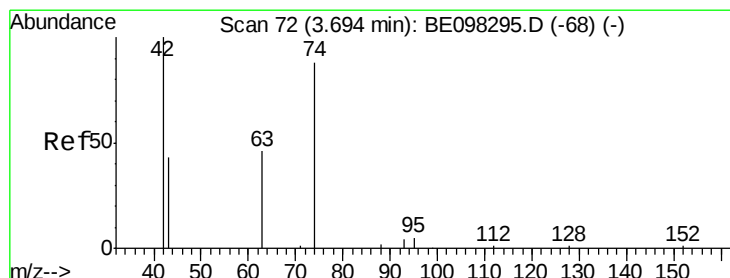
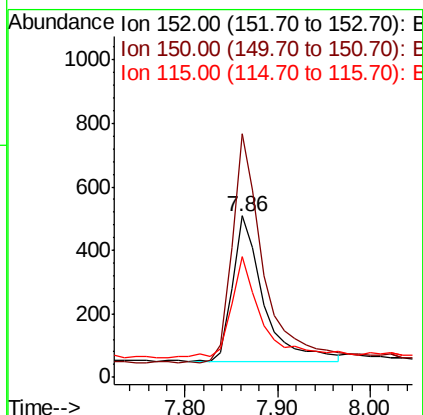
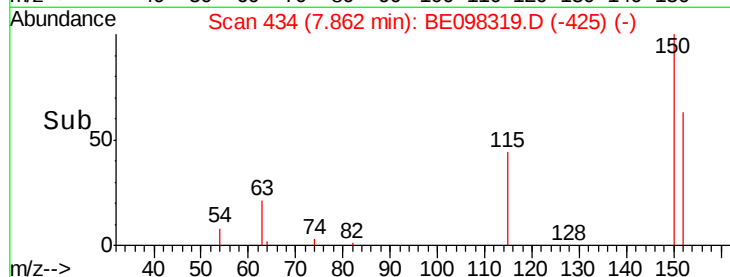
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098319.D
Acq: 11 Dec 2018 4:41

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW307S-20181204

Tgt Ion:152 Resp: 1086
Ion Ratio Lower Upper
152 100
150 150.7 124.2 186.4
115 74.9 53.9 80.9



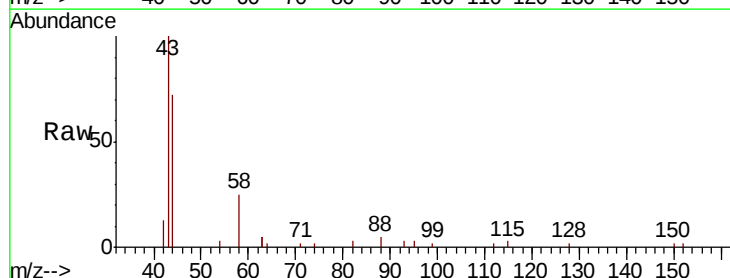
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



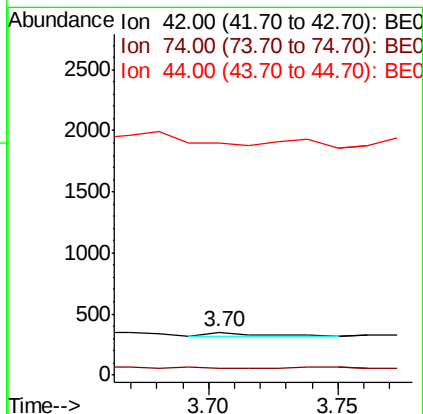
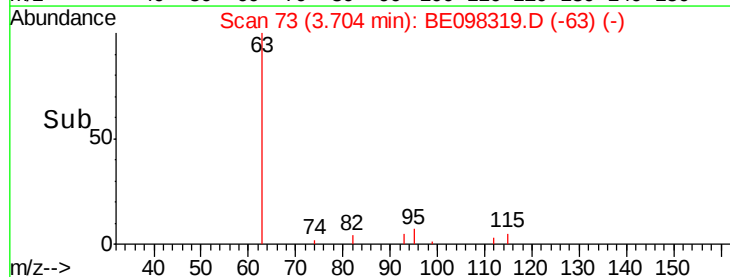
#3

n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 3.70 min Scan# 73
Delta R.T. 0.01 min
Lab File: BE098319.D
Acq: 11 Dec 2018 4:41

Tgt Ion: 42 Resp: 37
Ion Ratio Lower Upper
42 100
74 0.0 0.0 0.0
44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.190 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098319.D

Acq: 11 Dec 2018 4:41

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307S-20181204

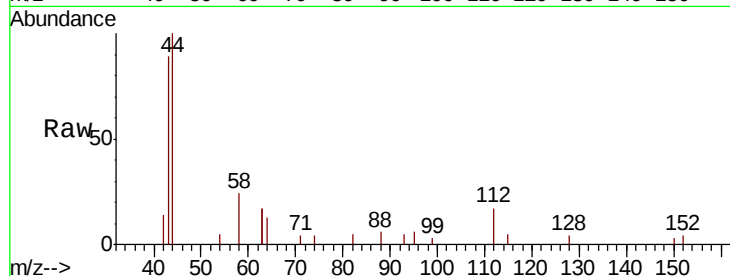
Tgt Ion: 112 Resp: 482

Ion Ratio Lower Upper

112 100

64 86.9 59.8 89.8

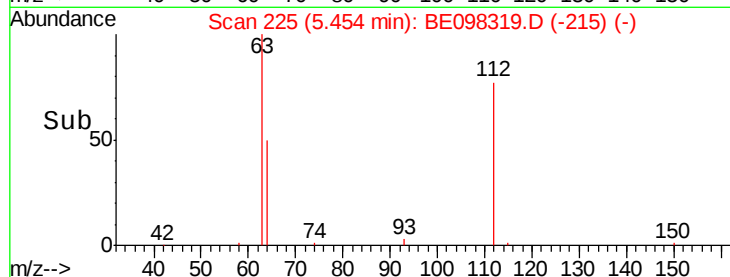
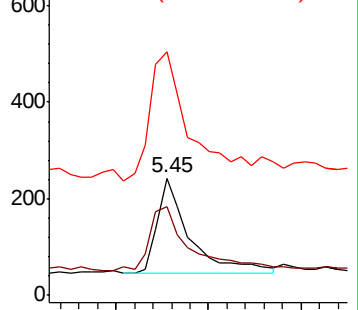
63 171.4 133.7 200.5



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: 0.153 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098319.D

Acq: 11 Dec 2018 4:41

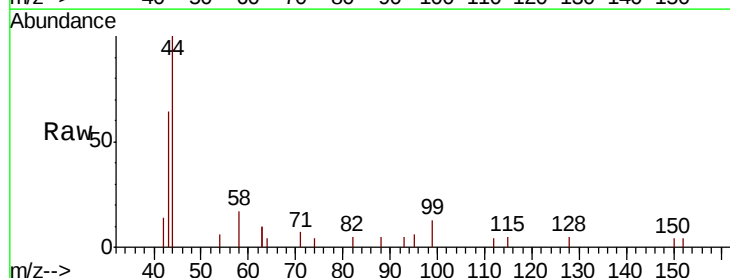
Tgt Ion: 99 Resp: 550

Ion Ratio Lower Upper

99 100

42 21.8 26.3 39.5#

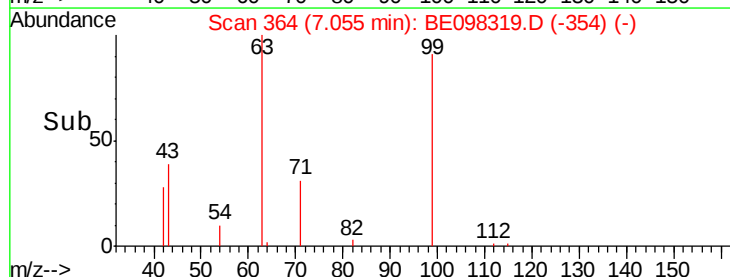
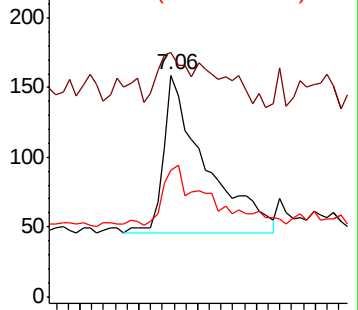
71 21.3 33.6 50.4#



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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098319.D

Acq: 11 Dec 2018 4:41

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307S-20181204

Tgt Ion: 136 Resp: 4537

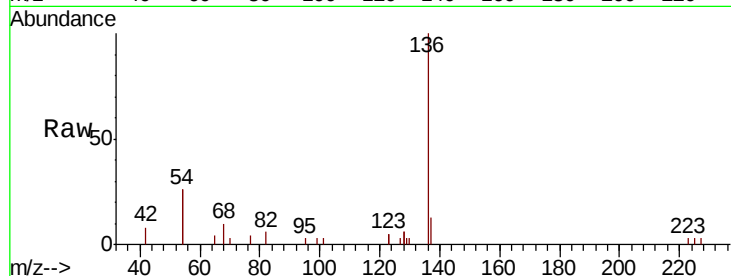
Ion Ratio Lower Upper

136 100

137 12.9 9.2 13.8

54 52.2 28.4 42.6#

68 9.6 5.4 8.0#

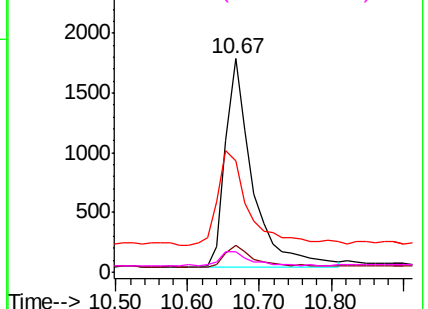
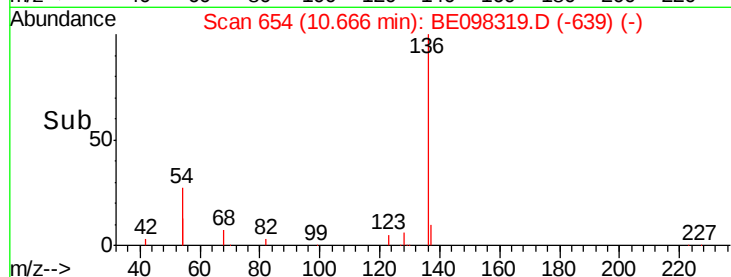


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.186 ng

RT: 9.06 min Scan# 530

Delta R.T. 0.04 min

Lab File: BE098319.D

Acq: 11 Dec 2018 4:41

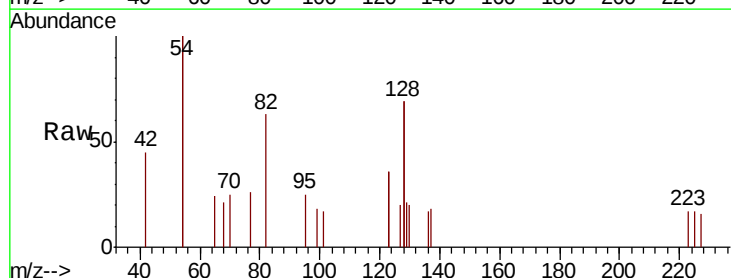
Tgt Ion: 82 Resp: 768

Ion Ratio Lower Upper

82 100

128 217.3 102.4 153.6#

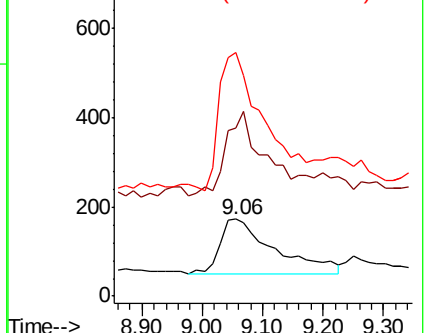
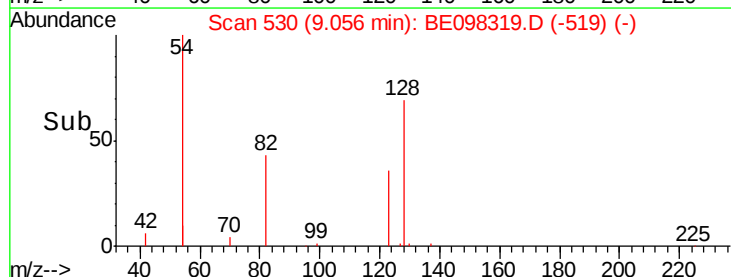
54 315.6 221.8 332.8



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: 0.193 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098319.D

Acq: 11 Dec 2018 4:41

Instrument :

BNA_E

ClientSampleId :

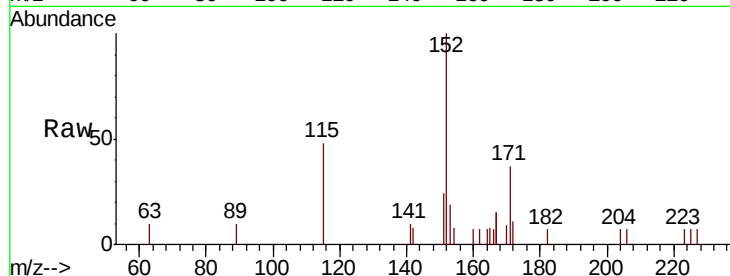
BPS1-TT-MW307S-20181204

Tgt Ion:152 Resp: 1421

Ion Ratio Lower Upper

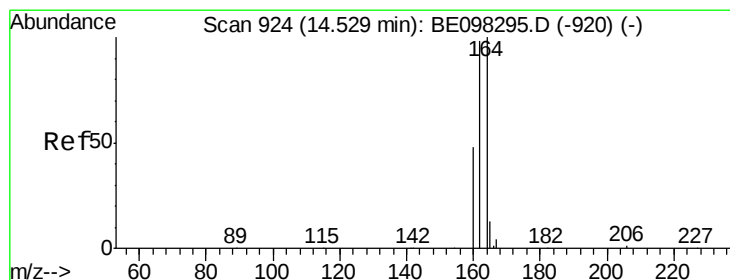
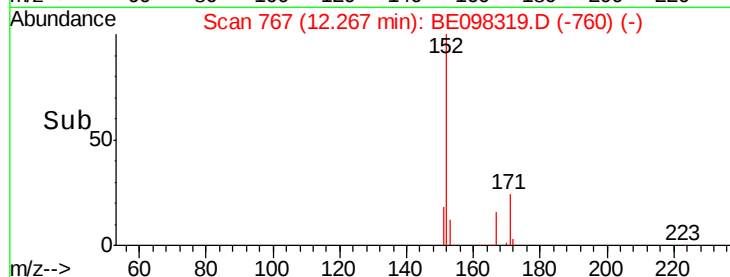
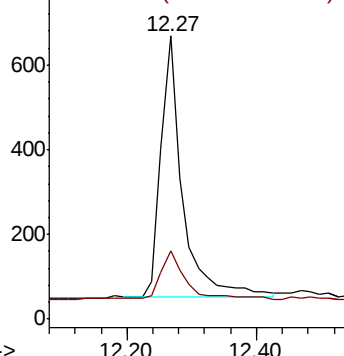
152 100

151 22.0 16.2 24.4



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: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098319.D

Acq: 11 Dec 2018 4:41

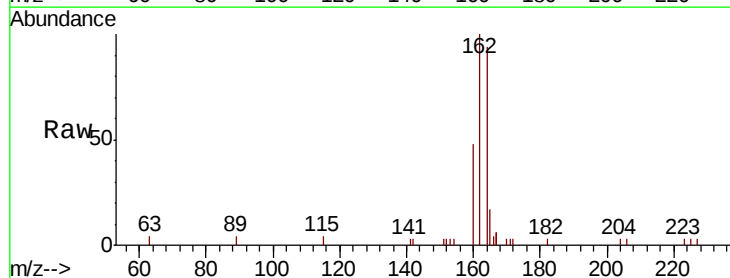
Tgt Ion:164 Resp: 2777

Ion Ratio Lower Upper

164 100

162 106.2 77.6 116.4

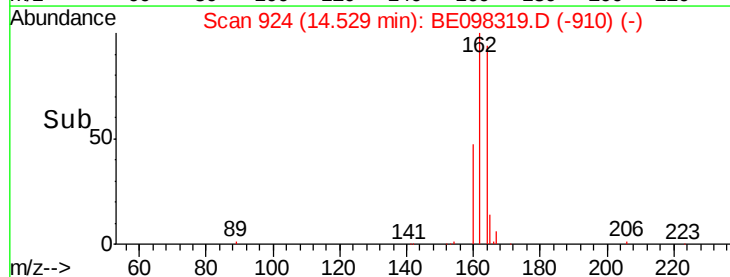
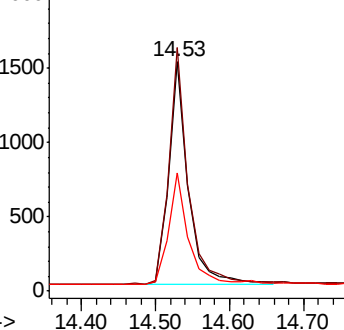
160 51.4 36.0 54.0



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

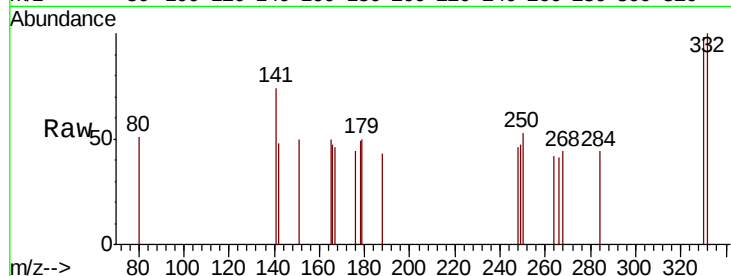




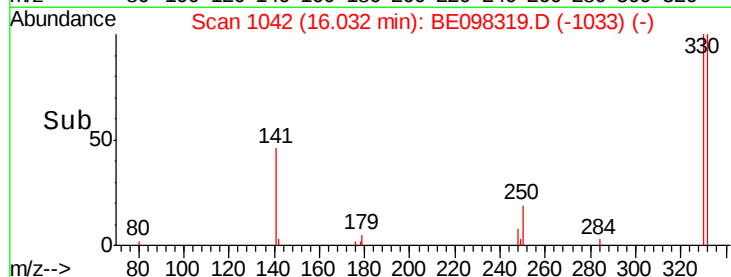
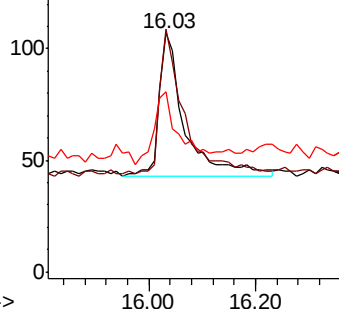
#14
 2,4,6-Tribromophenol
 Concen: 0.208 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BE098319.D
 Acq: 11 Dec 2018 4:41

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW307S-20181204

Tgt Ion: 330 Resp: 212
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.2 114.4
 141 51.9 39.0 58.4

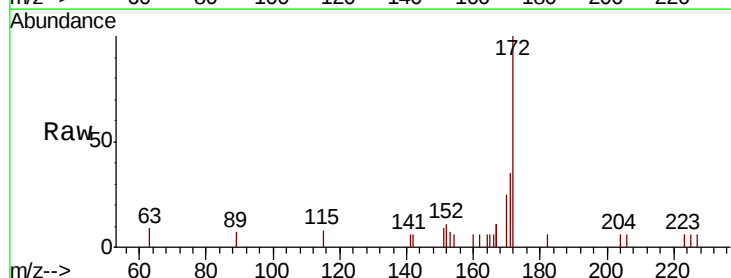


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

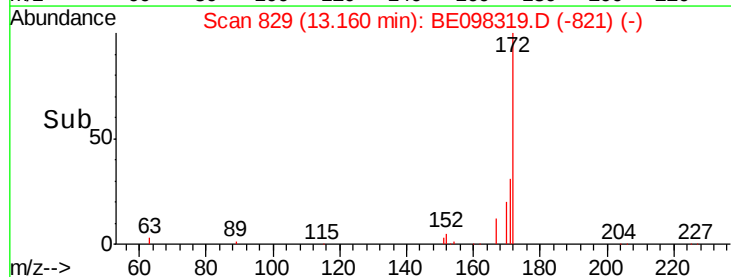
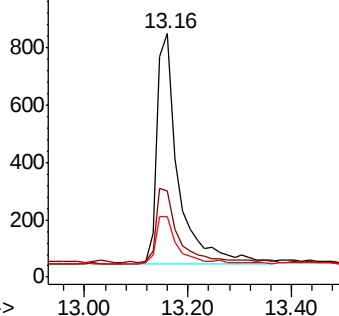


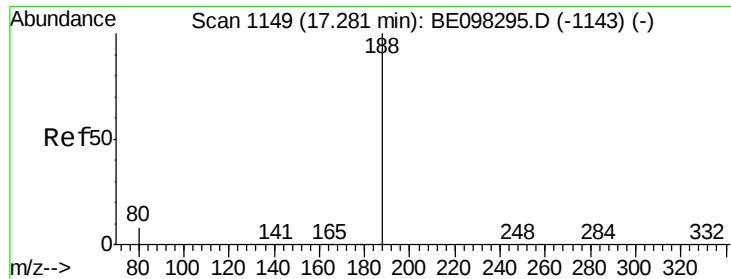
#15
 2-Fluorobiphenyl
 Concen: 0.199 ng
 RT: 13.16 min Scan# 829
 Delta R.T. 0.01 min
 Lab File: BE098319.D
 Acq: 11 Dec 2018 4:41

Tgt Ion: 172 Resp: 2330
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.5 41.3
 170 24.7 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: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098319.D

Acq: 11 Dec 2018 4:41

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307S-20181204

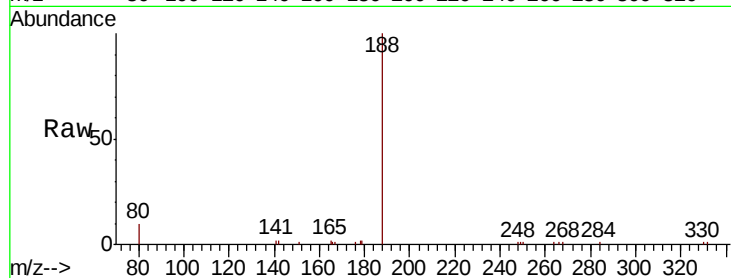
Tgt Ion:188 Resp: 7536

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

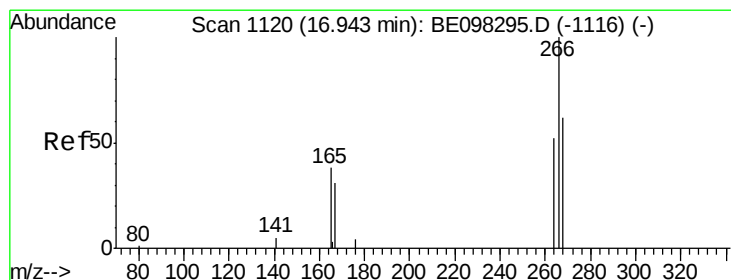
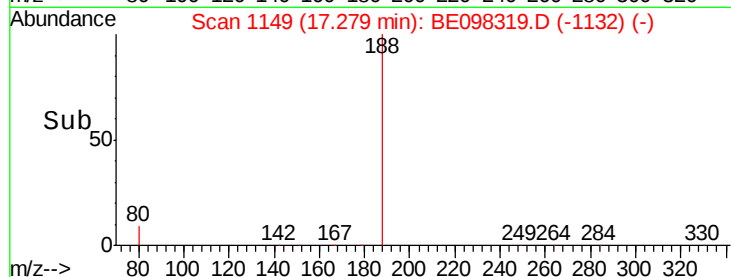
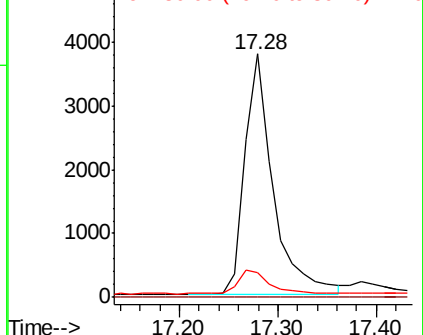
80 10.1 7.2 10.8



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: 0.052 ng

RT: 16.98 min Scan# 1123

Delta R.T. 0.03 min

Lab File: BE098319.D

Acq: 11 Dec 2018 4:41

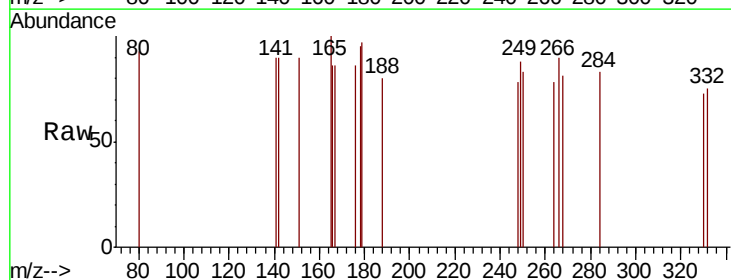
Tgt Ion:266 Resp: 24

Ion Ratio Lower Upper

266 100

264 86.8 59.0 88.4

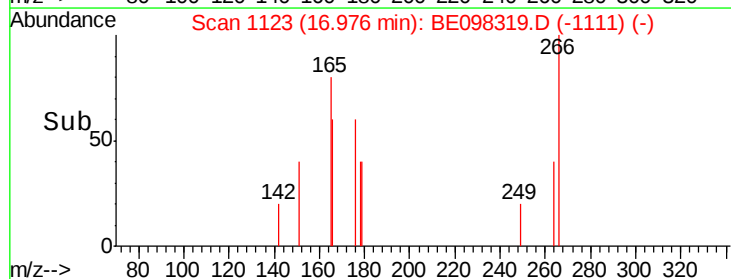
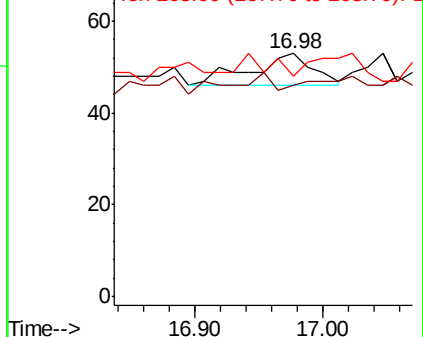
268 90.6 55.1 82.7#

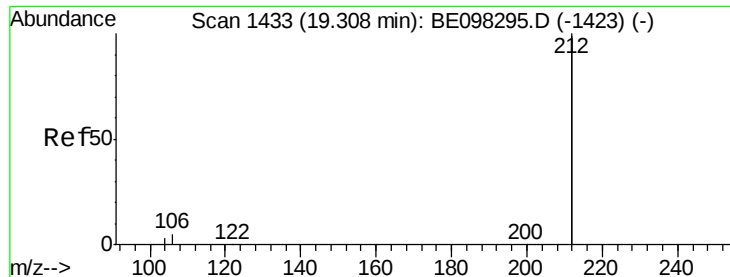


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.238 ng

RT: 19.31 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE098319.D

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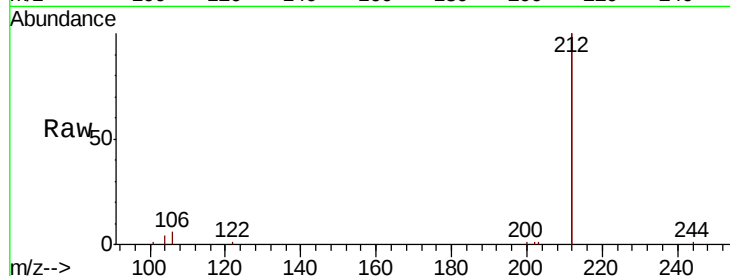
Tgt Ion:212 Resp: 23005

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

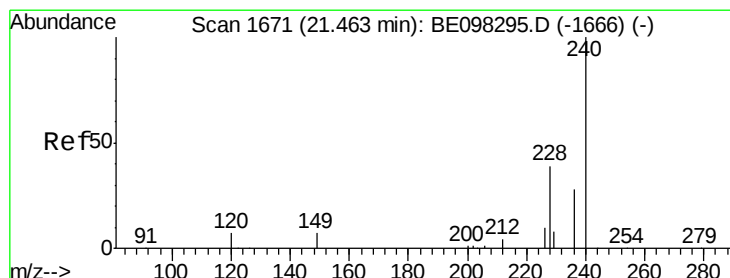
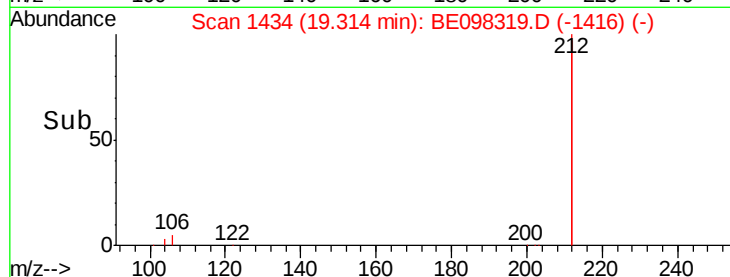
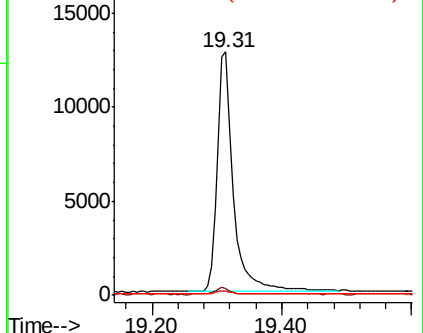
104 1.5 1.3 1.9



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: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098319.D

Acq: 11 Dec 2018 4:41

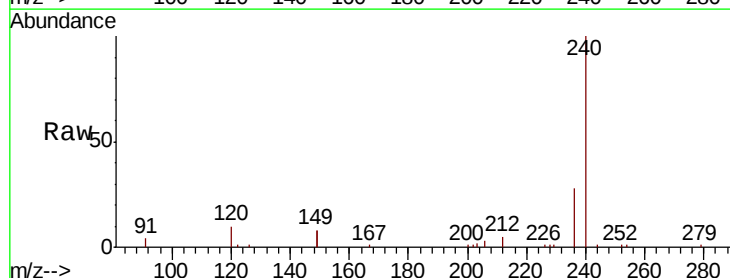
Tgt Ion:240 Resp: 10457

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

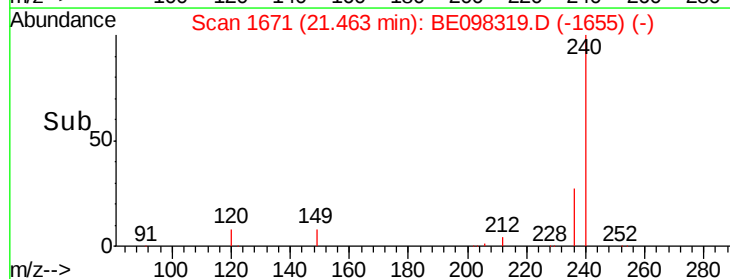
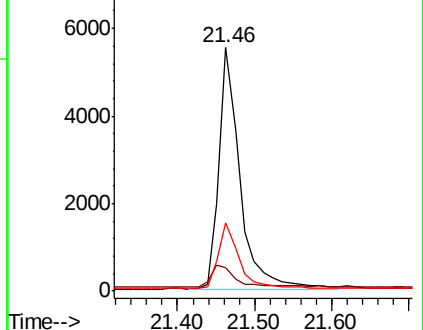
236 27.8 22.7 34.1

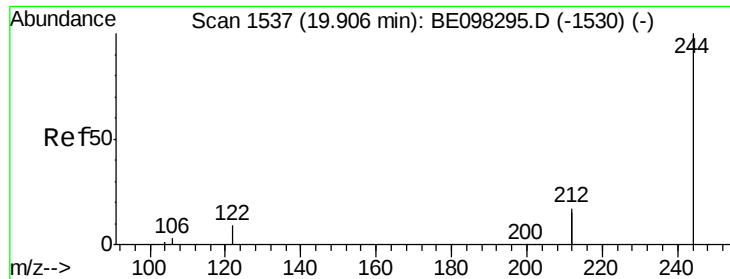


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.155 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098319.D

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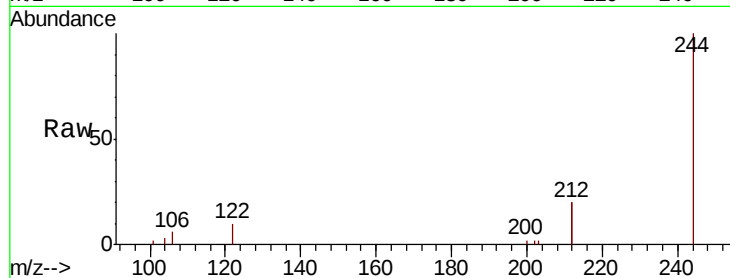
Tgt Ion:244 Resp: 3930

Ion Ratio Lower Upper

244 100

212 40.0 27.4 41.0

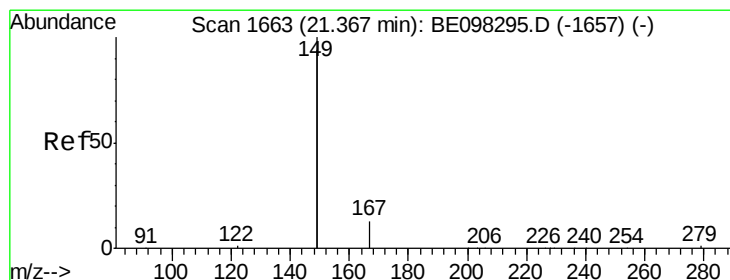
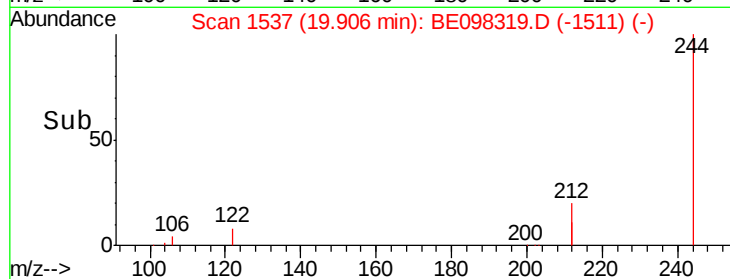
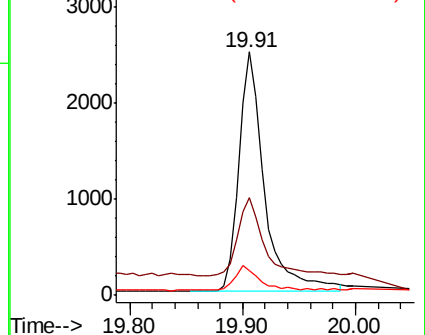
122 10.4 8.3 12.5



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: 0.077 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098319.D

Acq: 11 Dec 2018 4:41

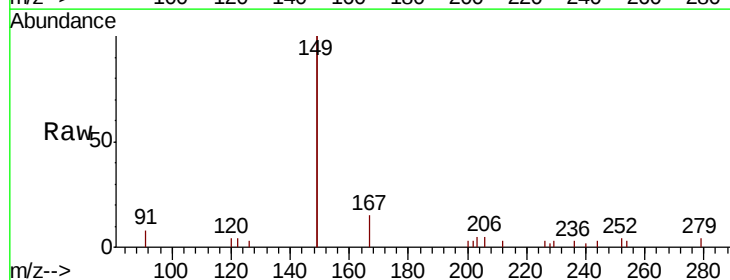
Tgt Ion:149 Resp: 4652

Ion Ratio Lower Upper

149 100

167 6.6 5.7 8.5

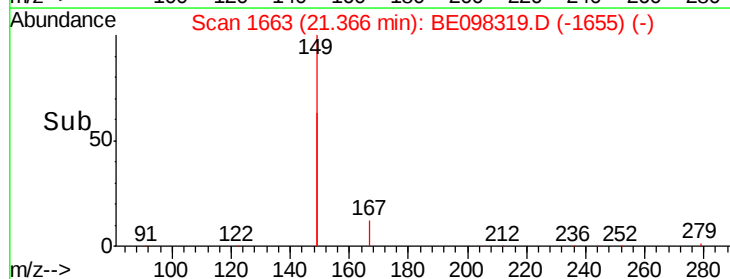
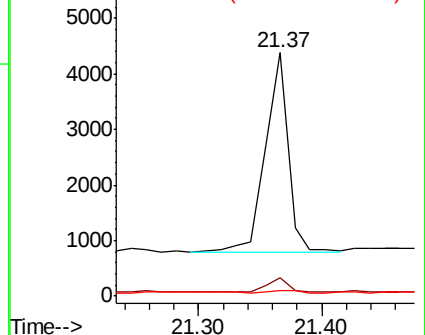
279 1.3 1.0 1.4



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: 24.01 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BE098319.D

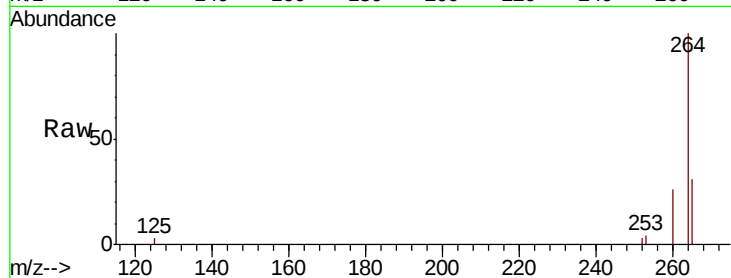
Acq: 11 Dec 2018 4:41

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307S-20181204



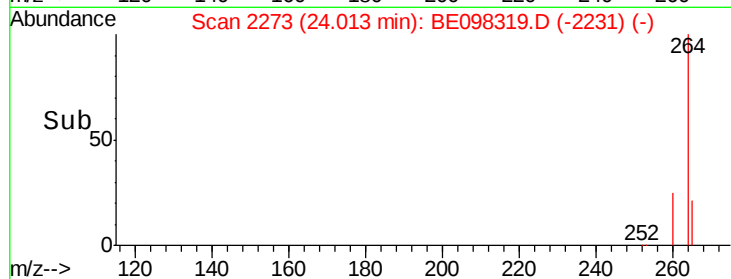
Tgt Ion: 264 Resp: 9962

Ion Ratio Lower Upper

264 100

260 26.0 20.2 30.2

265 30.6 25.2 37.8



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

