

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121018\
 Data File : BE098315.D
 Acq On : 11 Dec 2018 1:36
 Operator : SJ/JU
 Sample : J6250-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW304D-20181204

Quant Time: Dec 11 03:22:21 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

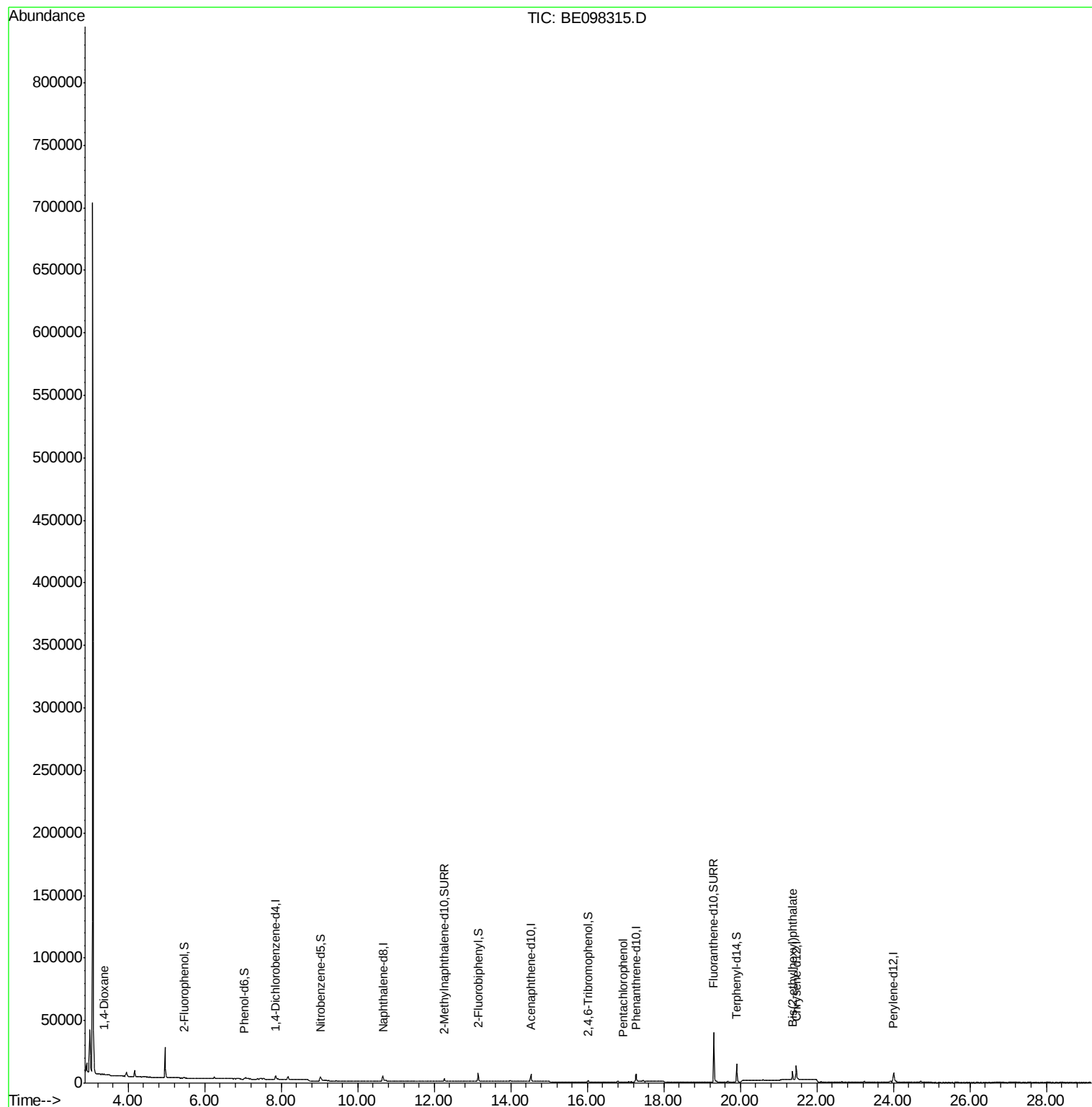
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1421	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5760	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3746	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	10266	0.40	ng	0.00
27) Chrysene-d12	21.46	240	12748	0.40	ng	0.00
34) Perylene-d12	24.01	264	12368	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	627	0.19	ng	0.00
5) Phenol-d6	7.04	99	536	0.11	ng	0.00
8) Nitrobenzene-d5	9.03	82	2086	0.40	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3599	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	722	0.52	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7923	0.50	ng	0.00
25) Fluoranthene-d10	19.31	212	58542	0.44	ng	0.00
29) Terphenyl-d14	19.90	244	13786	0.45	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	240	0.098	ng	Qvalue # 19
22) Pentachlorophenol	16.94	266	10	0.027	ng	# 70
32) Bis(2-ethylhexyl)phthalate	21.37	149	7072	0.096	ng	# 98

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

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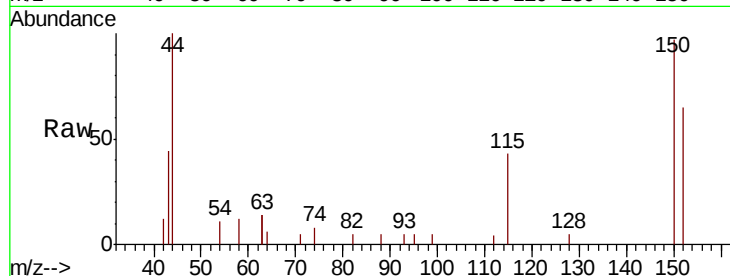


#1

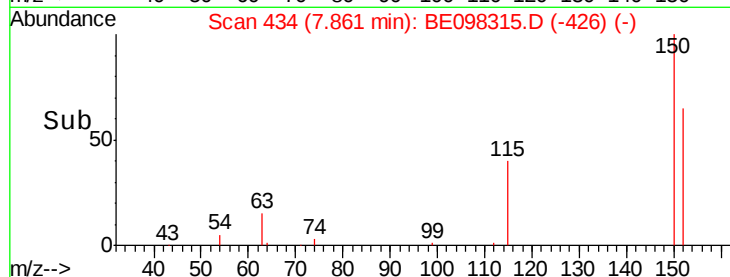
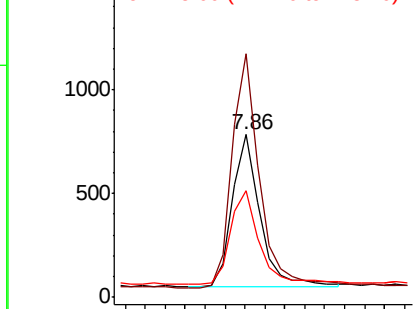
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098315.D
Acq: 11 Dec 2018 1:36

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW304D-20181204

Tgt Ion: 152 Resp: 1421
Ion Ratio Lower Upper
152 100
150 149.8 124.2 186.4
115 65.8 53.9 80.9



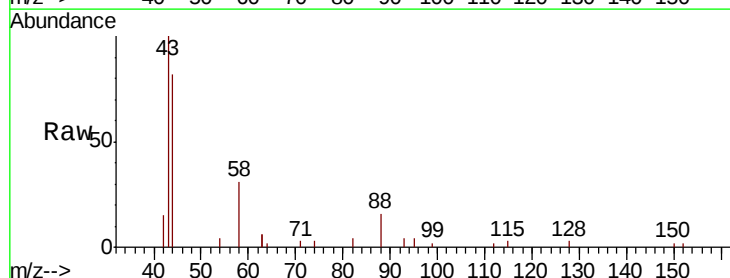
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



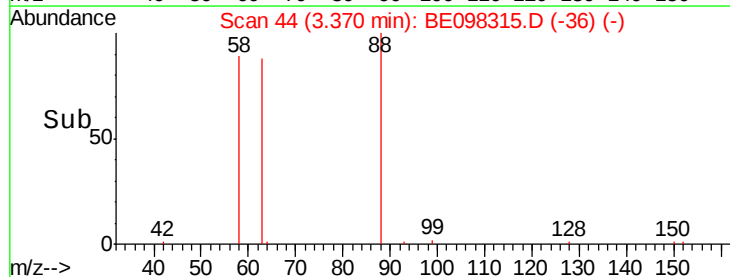
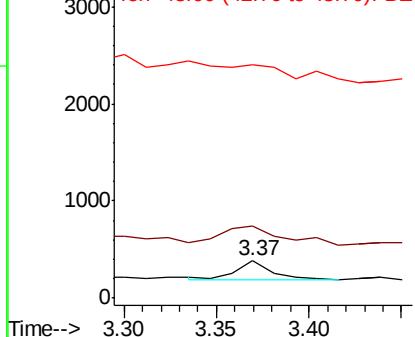
#2

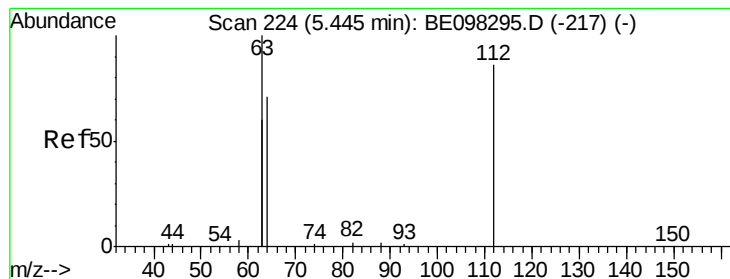
1,4-Dioxane
Concen: 0.098 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098315.D
Acq: 11 Dec 2018 1:36

Tgt Ion: 88 Resp: 240
Ion Ratio Lower Upper
88 100
58 177.5 75.0 112.6#
43 0.0 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: 0.189 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098315.D

Acq: 11 Dec 2018 1:36

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20181204

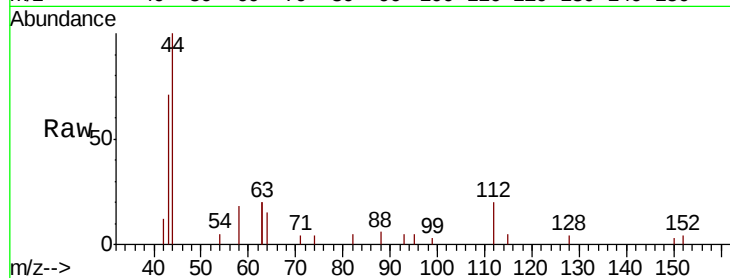
Tgt Ion: 112 Resp: 627

Ion Ratio Lower Upper

112 100

64 64.8 59.8 89.8

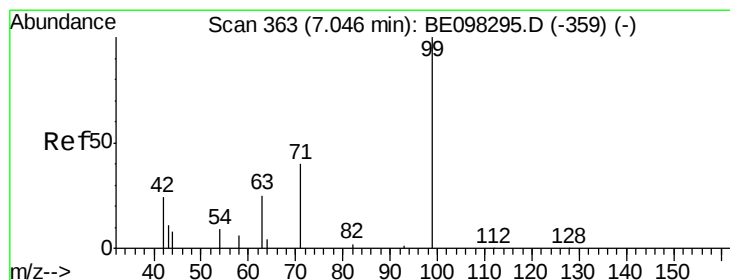
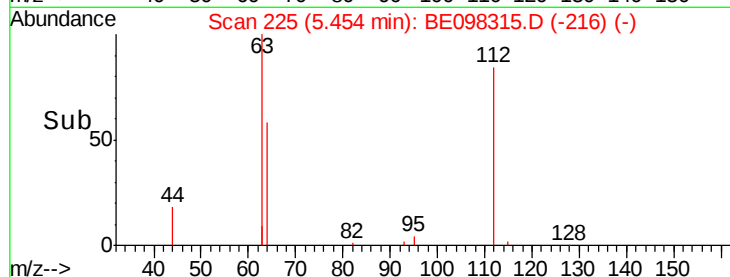
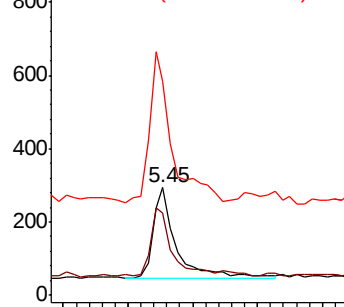
63 156.9 133.7 200.5



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: 0.114 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098315.D

Acq: 11 Dec 2018 1:36

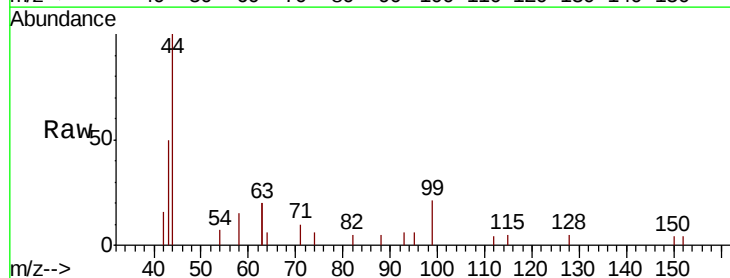
Tgt Ion: 99 Resp: 536

Ion Ratio Lower Upper

99 100

42 37.9 26.3 39.5

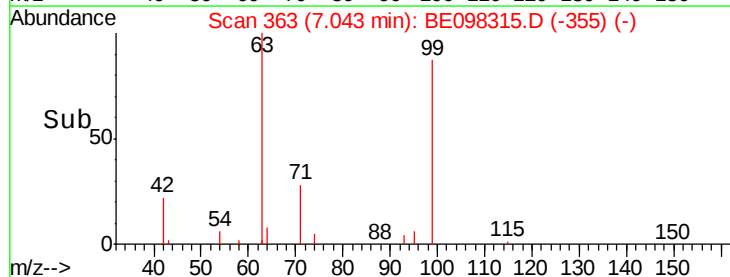
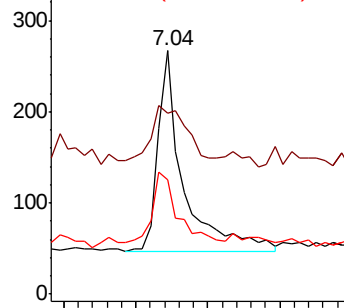
71 34.7 33.6 50.4



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: BE098315.D

Acq: 11 Dec 2018 1:36

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20181204

Tgt Ion: 136 Resp: 5760

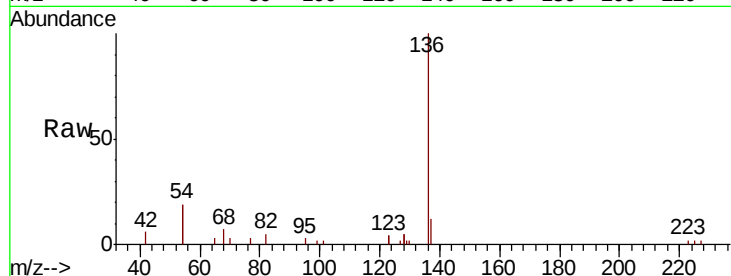
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 37.5 28.4 42.6

68 6.7 5.4 8.0

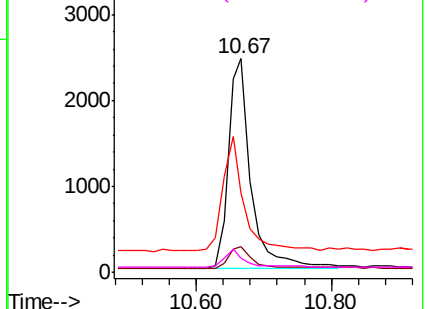
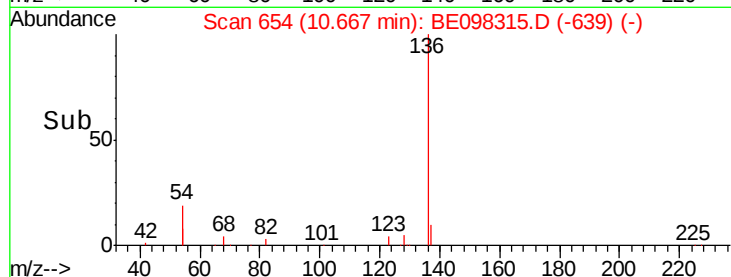


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.398 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098315.D

Acq: 11 Dec 2018 1:36

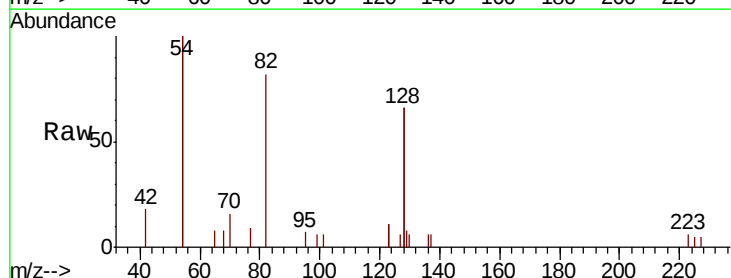
Tgt Ion: 82 Resp: 2086

Ion Ratio Lower Upper

82 100

128 161.0 102.4 153.6#

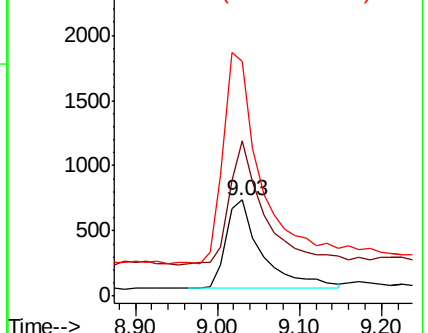
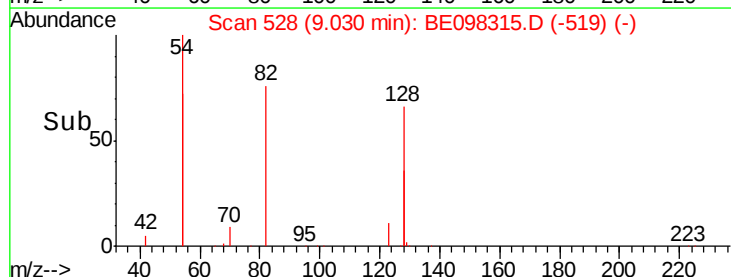
54 243.6 221.8 332.8

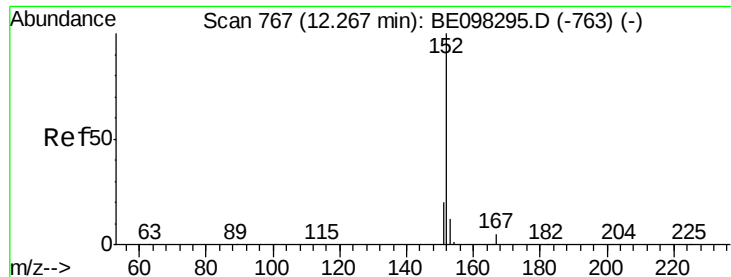


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

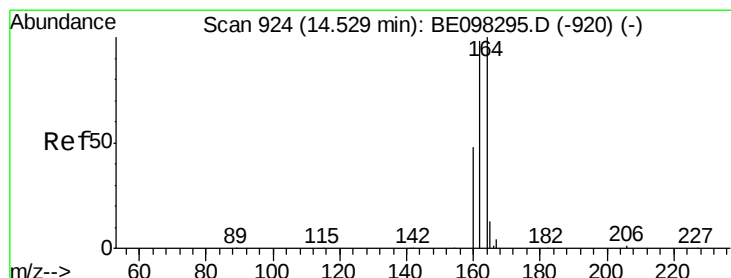
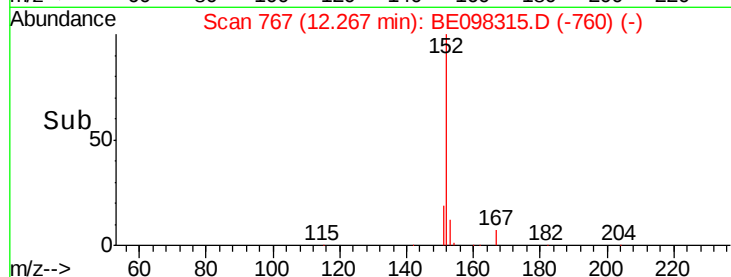
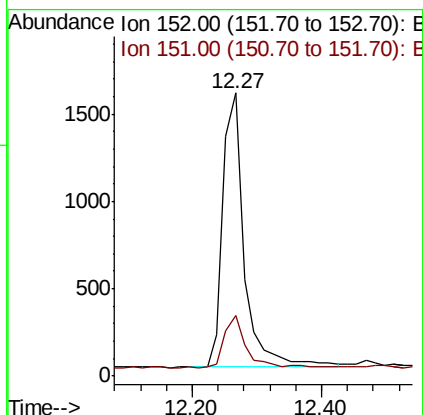
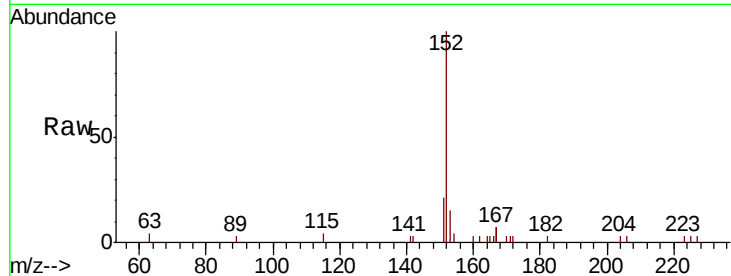




#11
 2-Methylnaphthalene-d10
 Concen: 0.384 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098315.D
 Acq: 11 Dec 2018 1:36

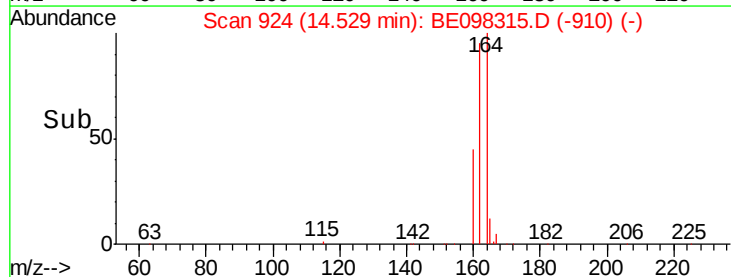
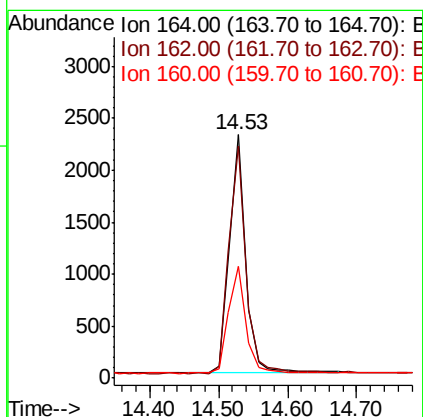
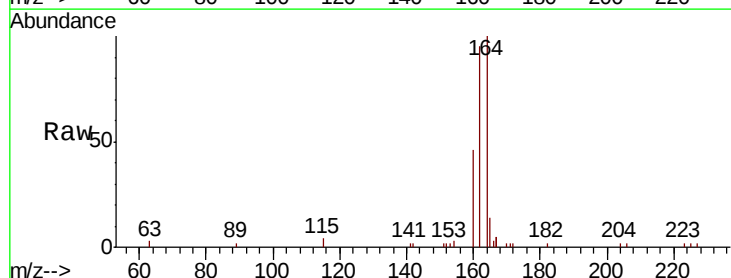
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW304D-20181204

Tgt Ion:152 Resp: 3599
 Ion Ratio Lower Upper
 152 100
 151 18.9 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BE098315.D
 Acq: 11 Dec 2018 1:36

Tgt Ion:164 Resp: 3746
 Ion Ratio Lower Upper
 164 100
 162 95.3 77.6 116.4
 160 46.1 36.0 54.0

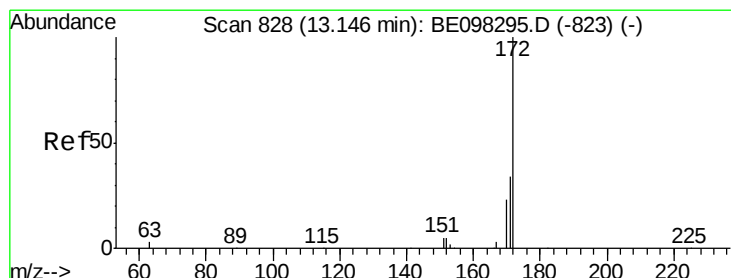
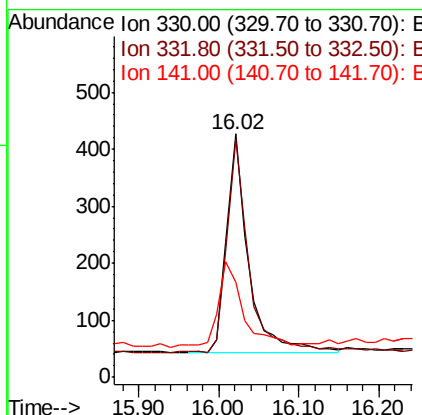
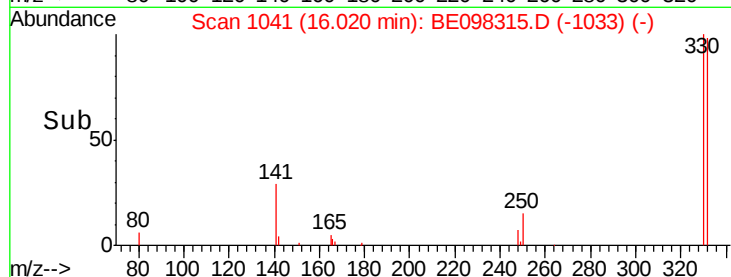
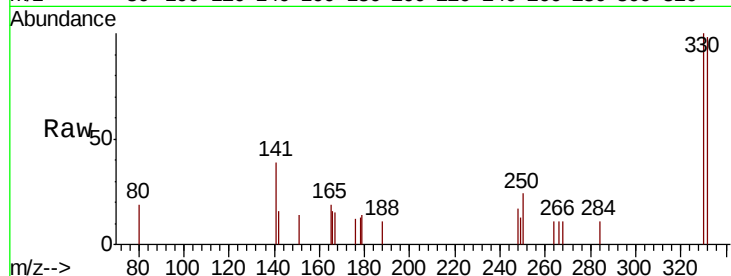




#14
 2,4,6-Tribromophenol
 Concen: 0.525 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098315.D
 Acq: 11 Dec 2018 1:36

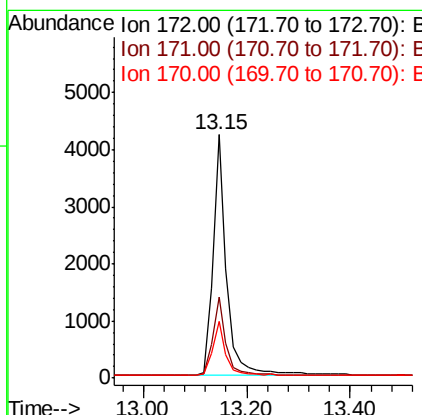
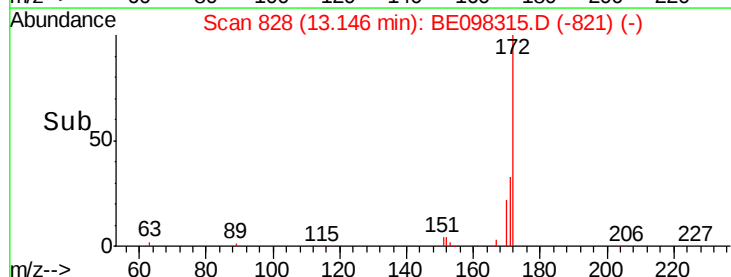
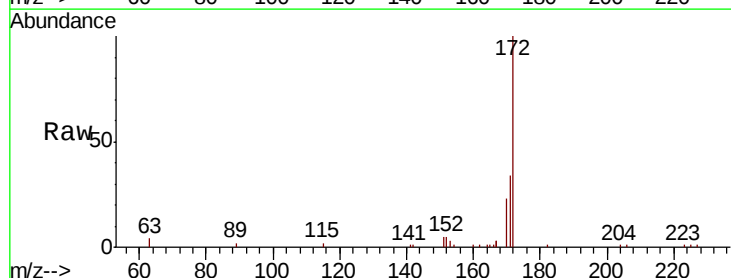
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW304D-20181204

Tgt Ion: 330 Resp: 722
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.2 114.4
 141 41.4 39.0 58.4



#15
 2-Fluorobiphenyl
 Concen: 0.501 ng
 RT: 13.15 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098315.D
 Acq: 11 Dec 2018 1:36

Tgt Ion: 172 Resp: 7923
 Ion Ratio Lower Upper
 172 100
 171 33.6 27.5 41.3
 170 23.1 19.6 29.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098315.D

Acq: 11 Dec 2018 1:36

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20181204

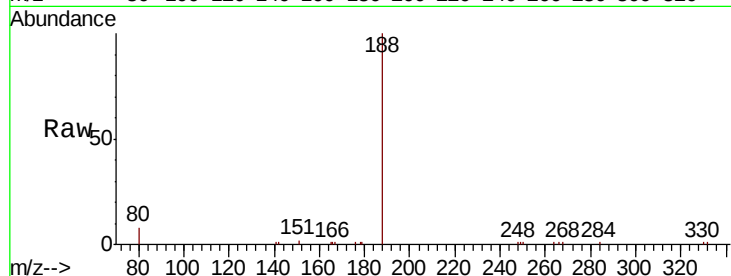
Tgt Ion:188 Resp: 10266

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

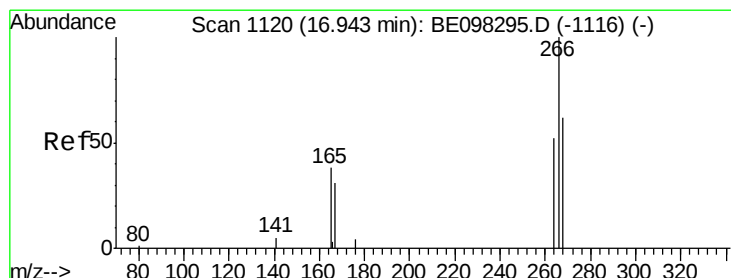
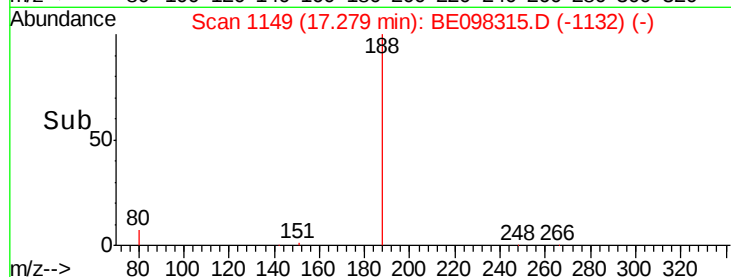
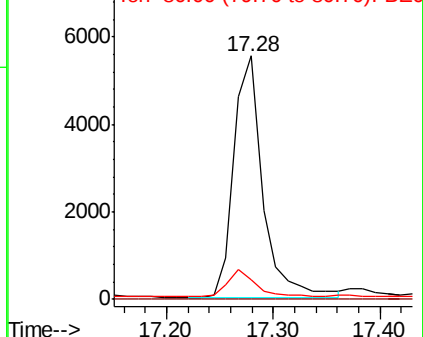
80 8.1 7.2 10.8



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: 0.027 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098315.D

Acq: 11 Dec 2018 1:36

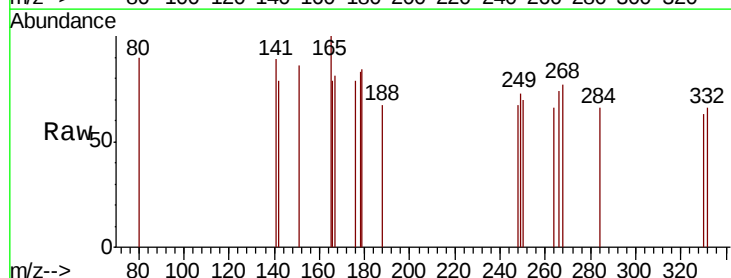
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 88.5 59.0 88.4#

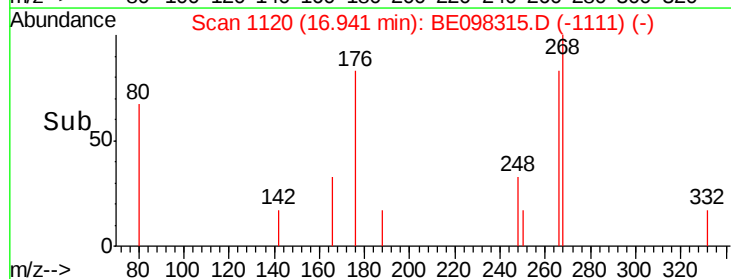
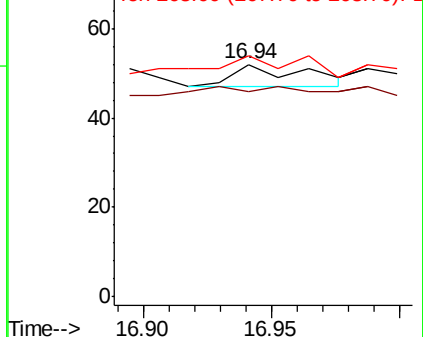
268 103.8 55.1 82.7#

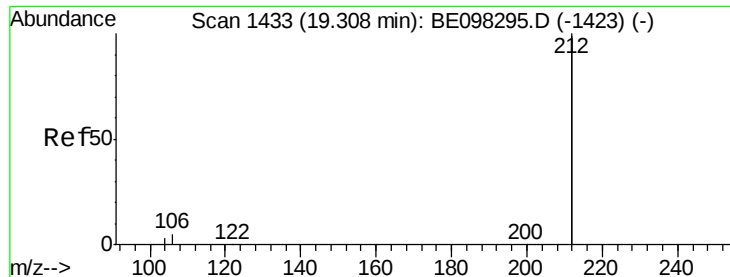


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

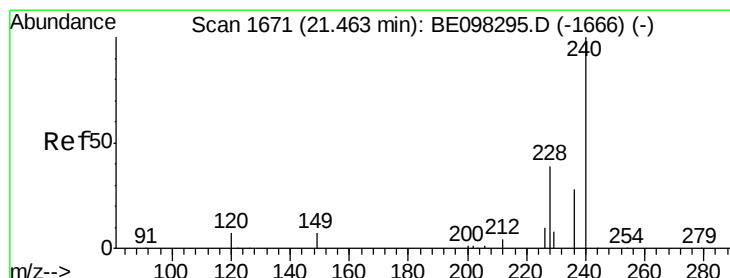
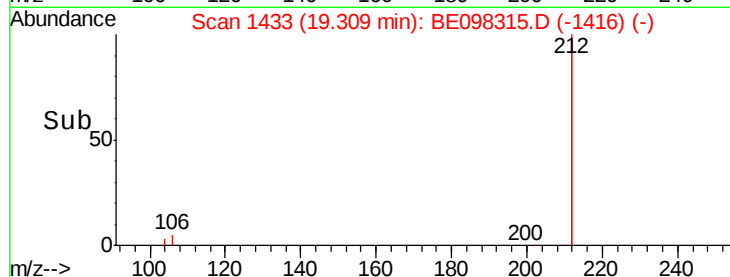
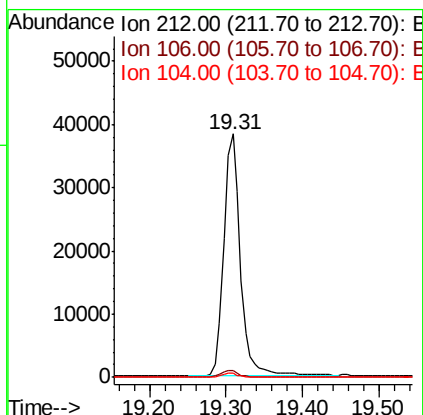
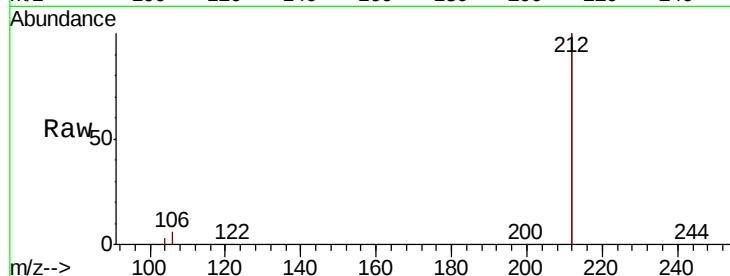




#25
 Fluoranthene-d10
 Concen: 0.445 ng
 RT: 19.31 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BE098315.D
 Acq: 11 Dec 2018 1:36

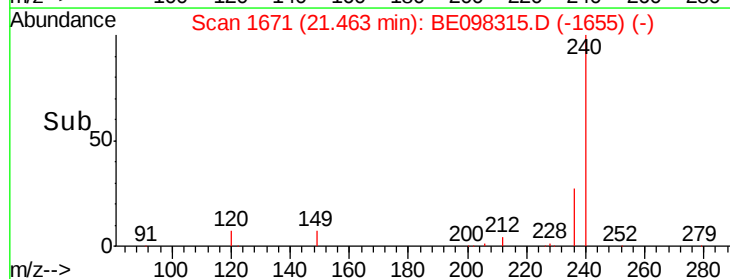
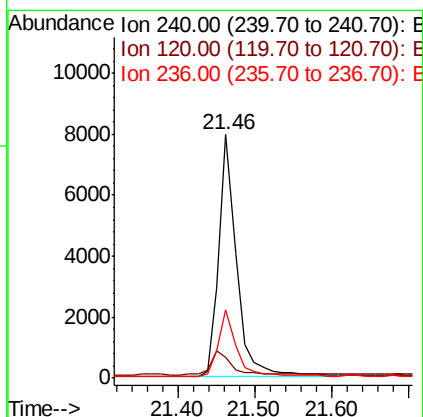
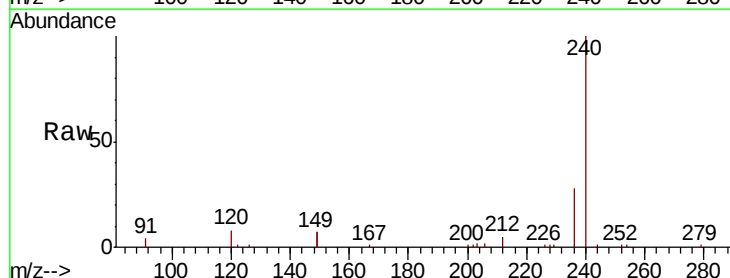
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW304D-20181204

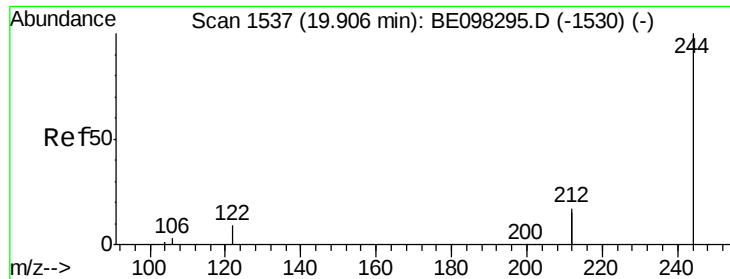
Tgt Ion: 212 Resp: 58542
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.2 3.2
 104 1.5 1.3 1.9



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098315.D
 Acq: 11 Dec 2018 1:36

Tgt Ion: 240 Resp: 12748
 Ion Ratio Lower Upper
 240 100
 120 8.3 9.5 14.3#
 236 27.8 22.7 34.1





#29

Terphenyl-d14

Concen: 0.445 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098315.D

Acq: 11 Dec 2018 1:36

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304D-20181204

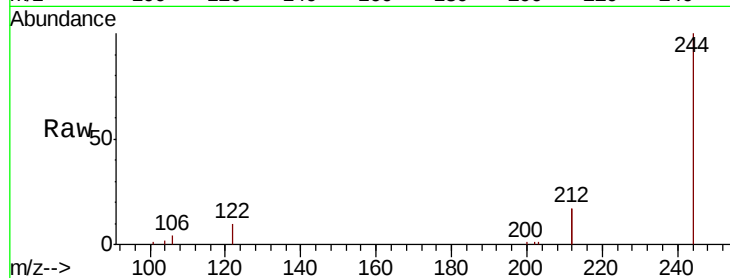
Tgt Ion:244 Resp: 13786

Ion Ratio Lower Upper

244 100

212 34.3 27.4 41.0

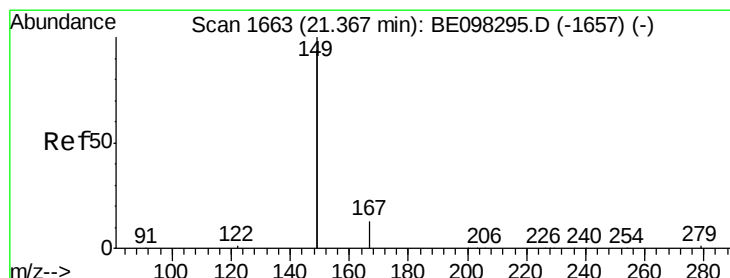
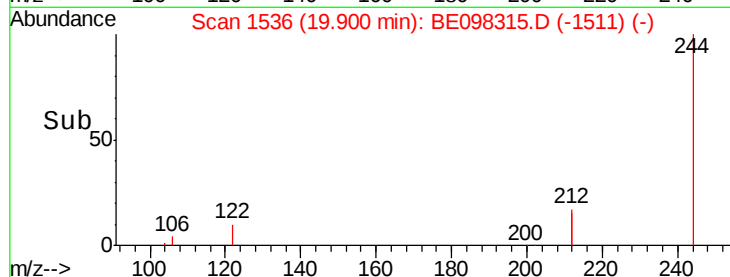
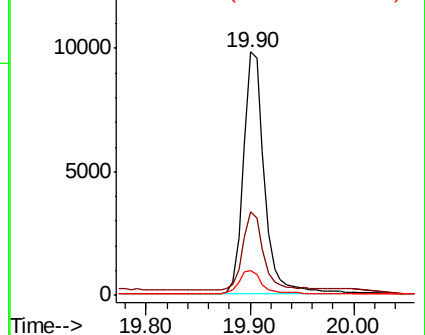
122 10.3 8.3 12.5



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: 0.096 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098315.D

Acq: 11 Dec 2018 1:36

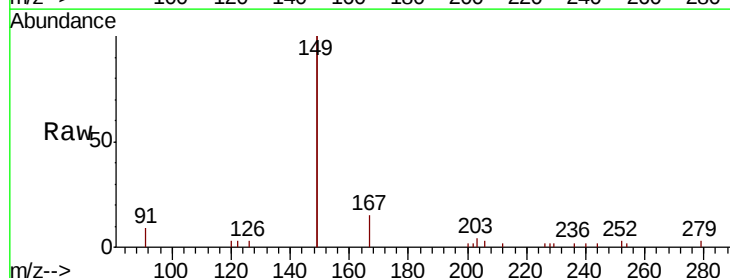
Tgt Ion:149 Resp: 7072

Ion Ratio Lower Upper

149 100

167 8.0 5.7 8.5

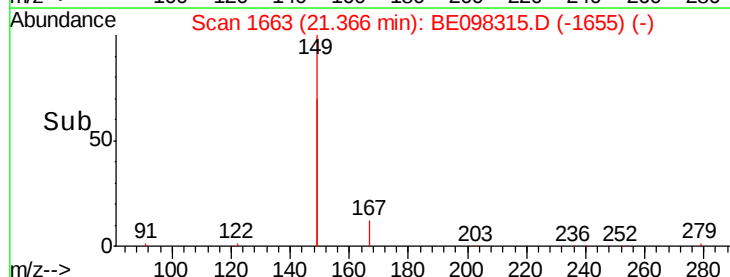
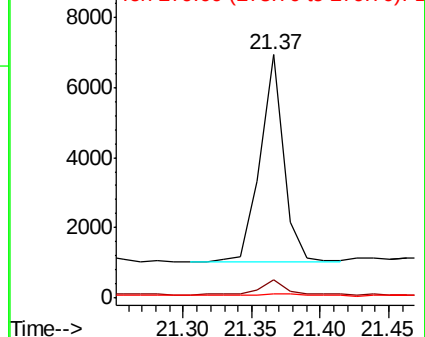
279 1.7 1.0 1.4#

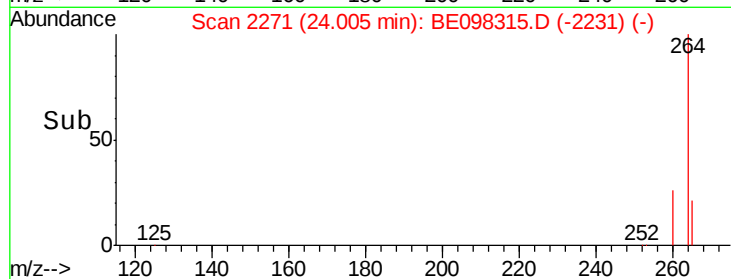
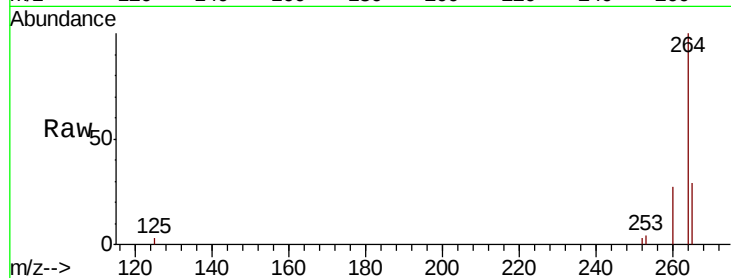


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2271
Delta R.T. -0.01 min
Lab File: BE098315.D
Acq: 11 Dec 2018 1:36

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW304D-20181204

Tgt Ion: 264 Resp: 12368
Ion Ratio Lower Upper
264 100
260 26.8 20.2 30.2
265 28.9 25.2 37.8

