

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121818\
 Data File : BE098513.D
 Acq On : 18 Dec 2018 13:15
 Operator : SJ/JU
 Sample : J6358-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4002-20181211

Quant Time: Dec 19 03:08:57 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

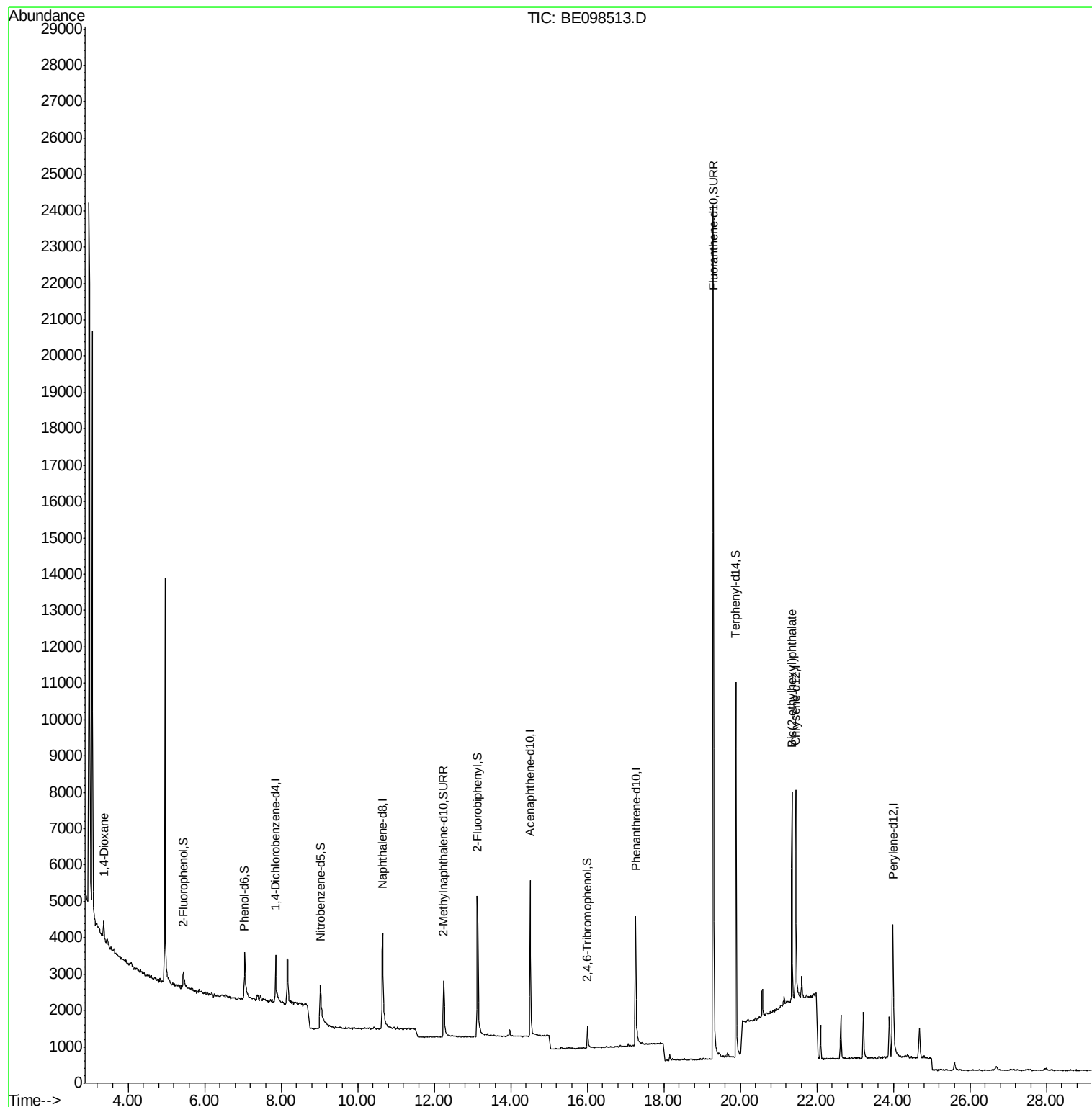
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	806	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	3947	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	2701	0.40	ng	-0.02
19) Phenanthrene-d10	17.27	188	6731	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	7253	0.40	ng	-0.01
34) Perylene-d12	23.99	264	6687	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	407	0.22	ng	0.00
5) Phenol-d6	7.04	99	319	0.12	ng	-0.01
8) Nitrobenzene-d5	9.03	82	1069	0.30	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	2619	0.41	ng	-0.02
14) 2,4,6-Tribromophenol	16.01	330	464	0.47	ng	-0.01
15) 2-Fluorobiphenyl	13.13	172	5175	0.45	ng	-0.02
25) Fluoranthene-d10	19.30	212	35162	0.41	ng	-0.01
29) Terphenyl-d14	19.89	244	9528	0.54	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.36	88	391	0.281	ng	# 53
32) Bis(2-ethylhexyl)phthalate	21.35	149	7631	0.182	ng	# 99

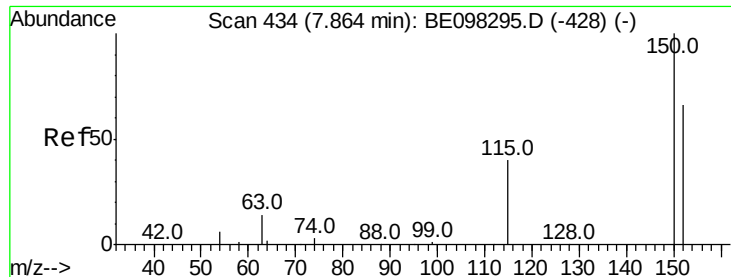
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.85 min Scan# 433

Delta R.T. -0.01 min

Lab File: BE098513.D

Acq: 18 Dec 2018 13:15

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20181211

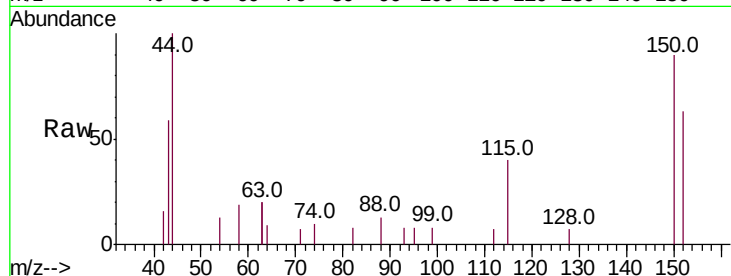
Tot Ion:152 Resp: 806

Ion Ratio Lower Upper

152 100

150 143.1 124.2 186.4

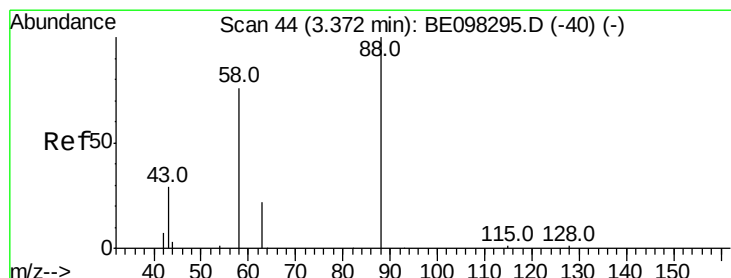
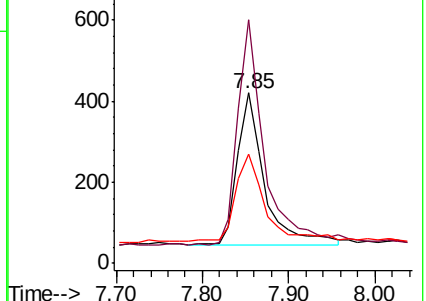
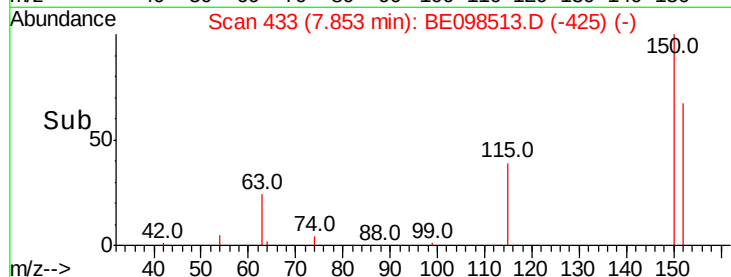
115 64.3 53.9 80.9



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: 0.281 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.01 min

Lab File: BE098513.D

Acq: 18 Dec 2018 13:15

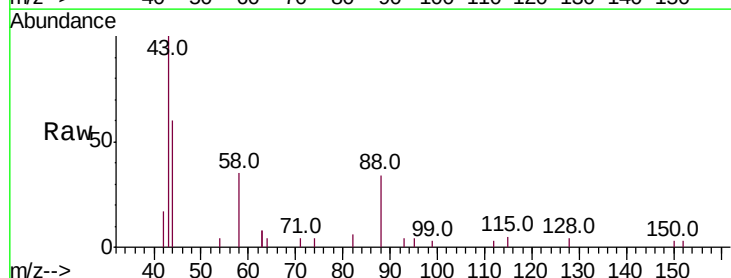
Tgt Ion: 88 Resp: 391

Ion Ratio Lower Upper

88 100

58 67.0 75.0 112.6#

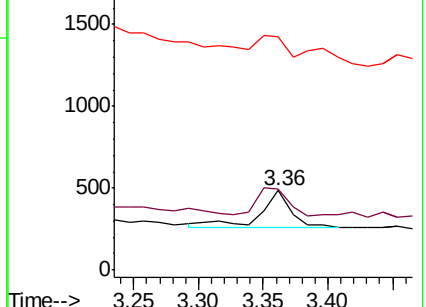
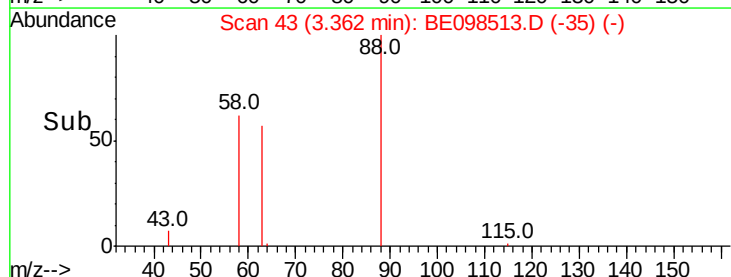
43 104.3 38.3 57.5#

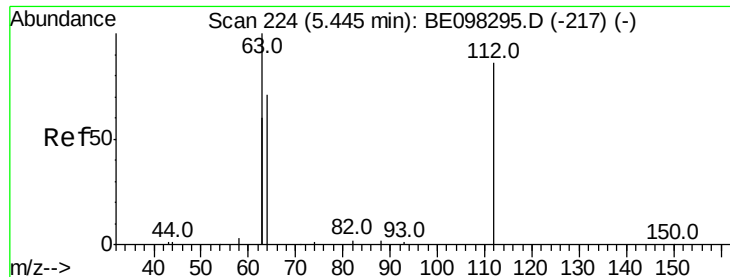


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.216 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE098513.D

Acq: 18 Dec 2018 13:15

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20181211

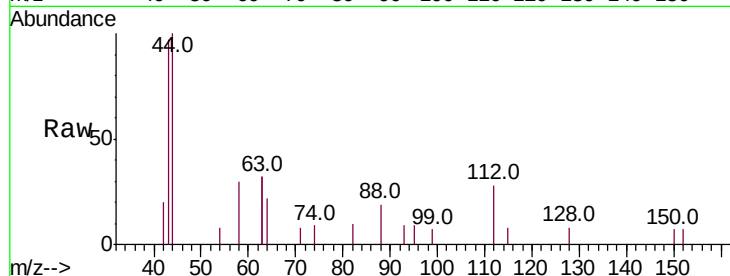
Tot Ion:112 Resp: 407

Ion Ratio Lower Upper

112 100

64 76.7 59.8 89.8

63 180.1 133.7 200.5



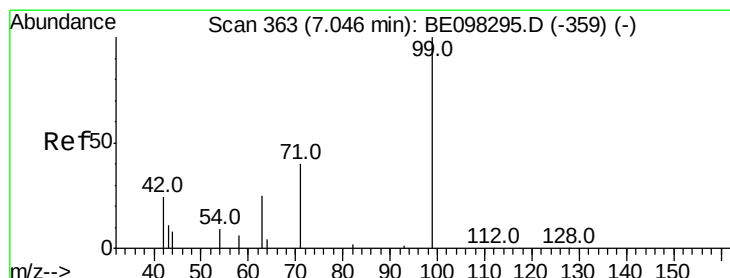
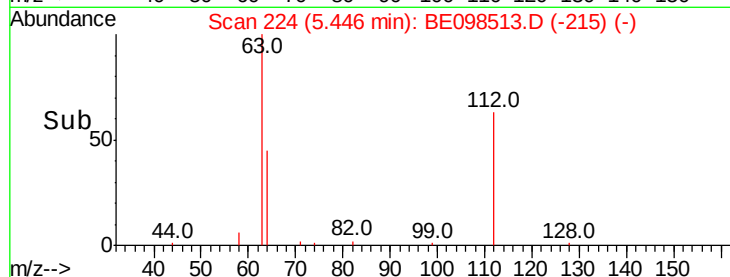
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

5.45

Time-->



#5

Phenol-d6

Concen: 0.119 ng

RT: 7.04 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098513.D

Acq: 18 Dec 2018 13:15

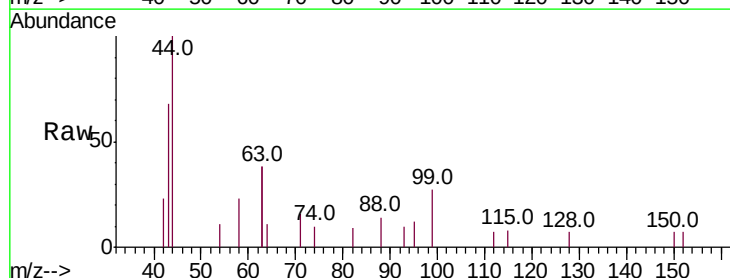
Tgt Ion: 99 Resp: 319

Ion Ratio Lower Upper

99 100

42 49.5 26.3 39.5#

71 49.5 33.6 50.4



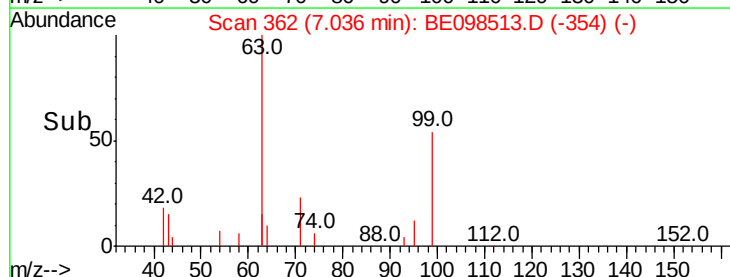
Abundance Ion 99.00 (98.70 to 99.70): BE0

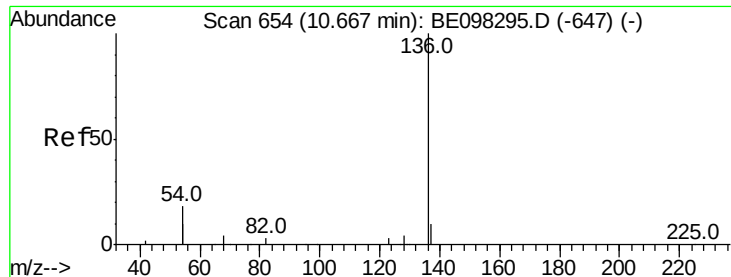
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

7.04

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098513.D

Acq: 18 Dec 2018 13:15

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20181211

Tot Ion:136 Resp: 3947

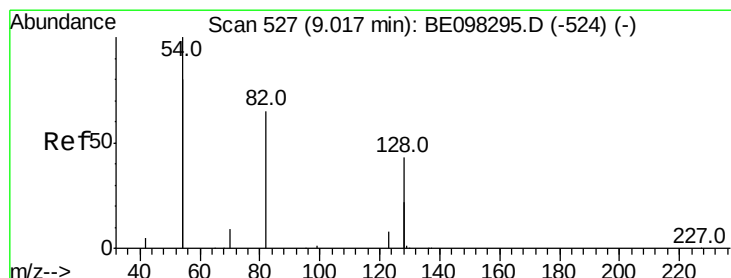
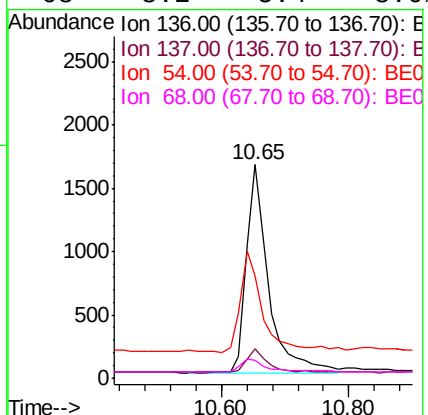
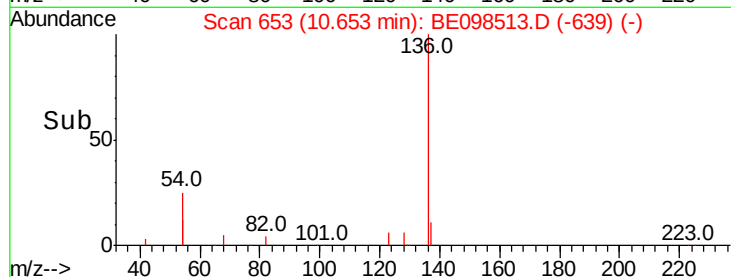
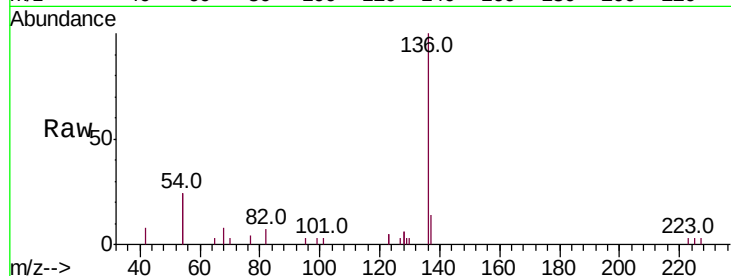
Ion Ratio Lower Upper

136 100

137 13.7 9.2 13.8

54 47.9 28.4 42.6#

68 8.2 5.4 8.0#



#8

Nitrobenzene-d5

Concen: 0.298 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098513.D

Acq: 18 Dec 2018 13:15

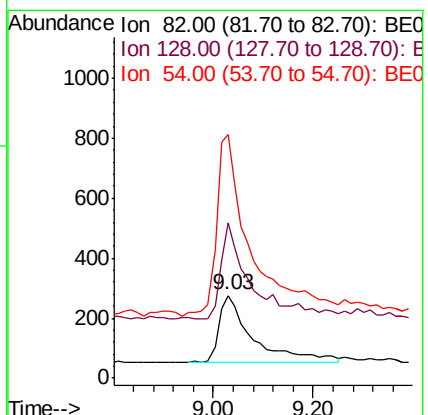
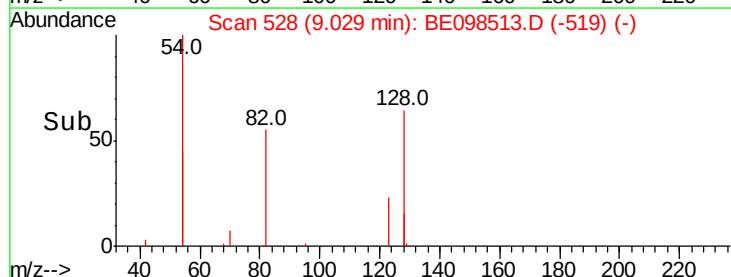
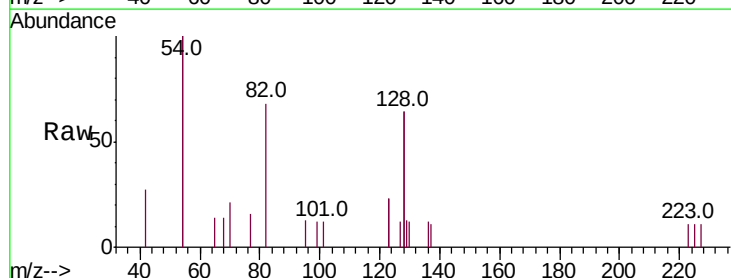
Tgt Ion: 82 Resp: 1069

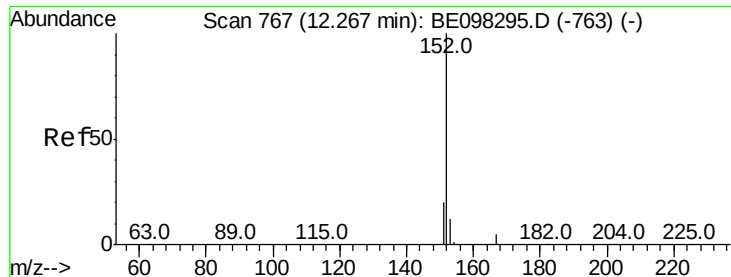
Ion Ratio Lower Upper

82 100

128 187.7 102.4 153.6#

54 294.2 221.8 332.8

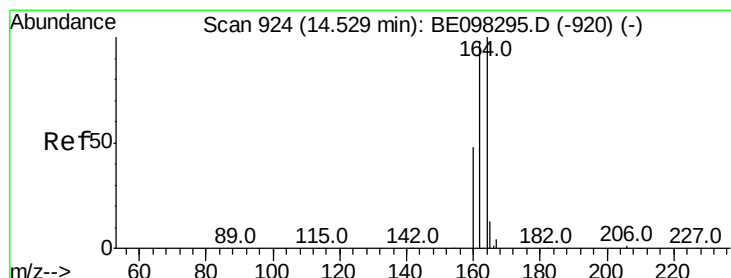
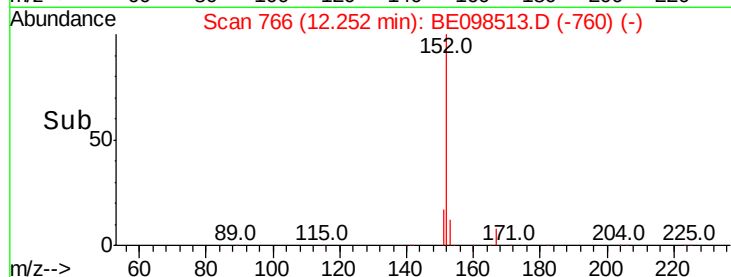
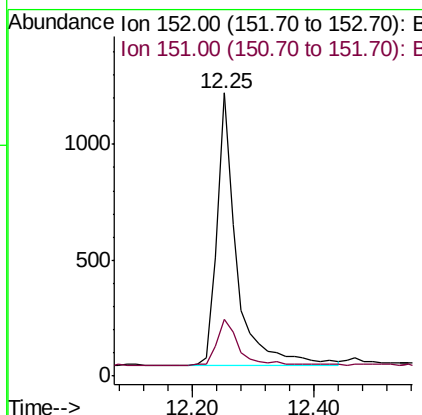
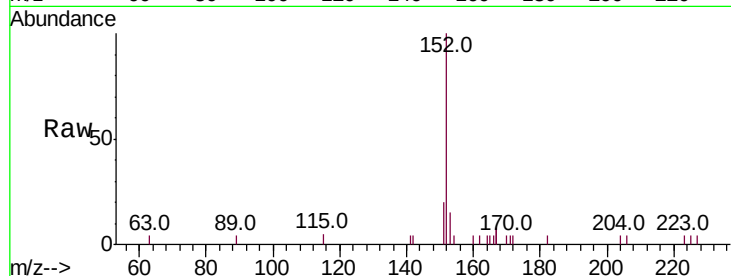




#11
 2-Methylnaphthalene-d10
 Concen: 0.408 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.02 min
 Lab File: BE098513.D
 Acq: 18 Dec 2018 13:15

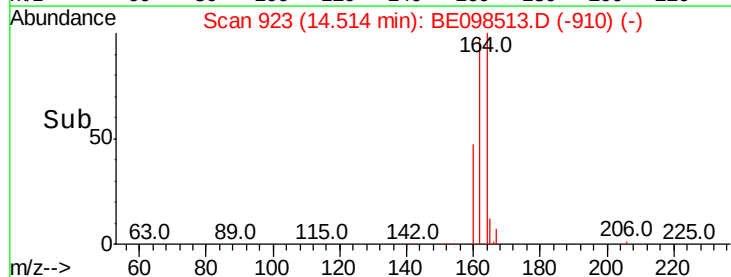
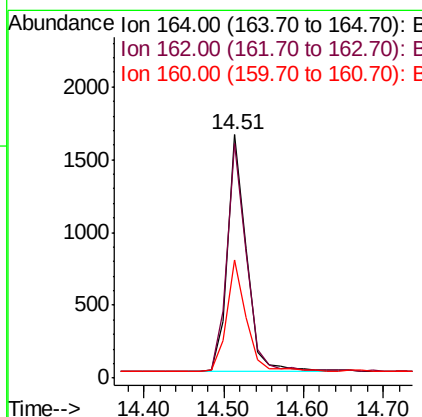
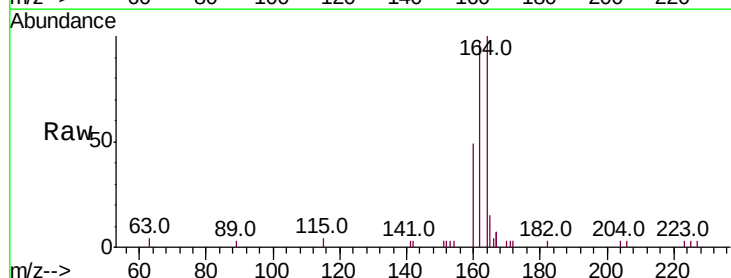
Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4002-20181211

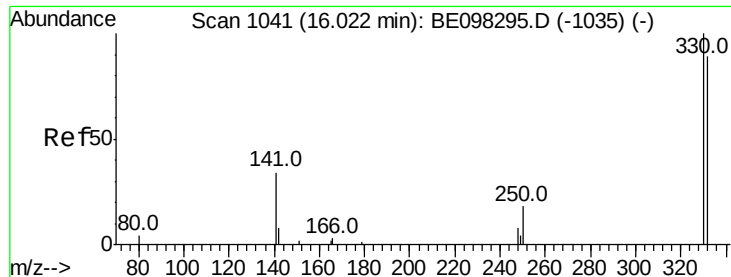
Tot Ion:152 Resp: 2619
 Ion Ratio Lower Upper
 152 100
 151 19.9 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 923
 Delta R.T. -0.02 min
 Lab File: BE098513.D
 Acq: 18 Dec 2018 13:15

Tgt Ion:164 Resp: 2701
 Ion Ratio Lower Upper
 164 100
 162 96.7 77.6 116.4
 160 48.7 36.0 54.0





#14

2,4,6-Tribromophenol

Concen: 0.468 ng

RT: 16.01 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BE098513.D

Acq: 18 Dec 2018 13:15

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20181211

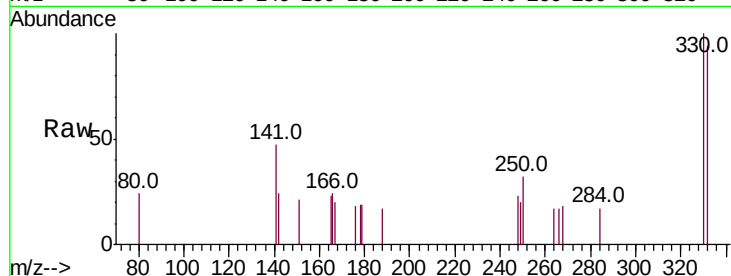
Tot Ion:330 Resp: 464

Ion Ratio Lower Upper

330 100

332 92.9 76.2 114.4

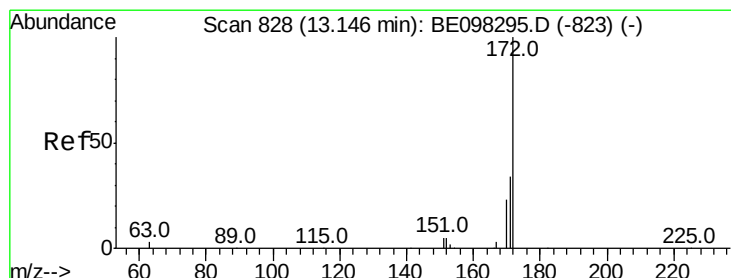
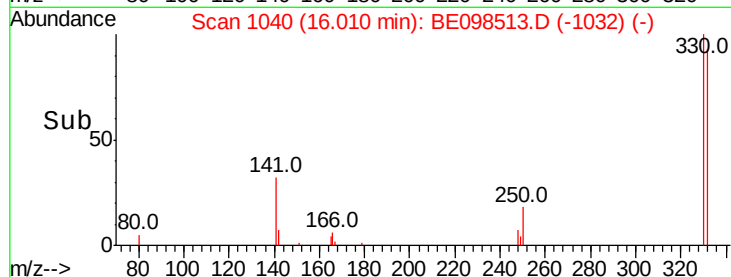
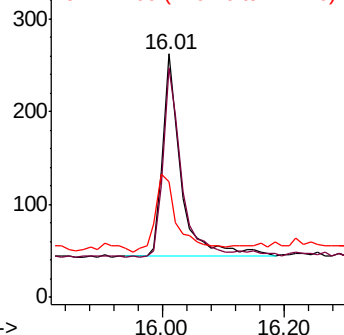
141 45.9 39.0 58.4



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: 0.454 ng

RT: 13.13 min Scan# 827

Delta R.T. -0.02 min

Lab File: BE098513.D

Acq: 18 Dec 2018 13:15

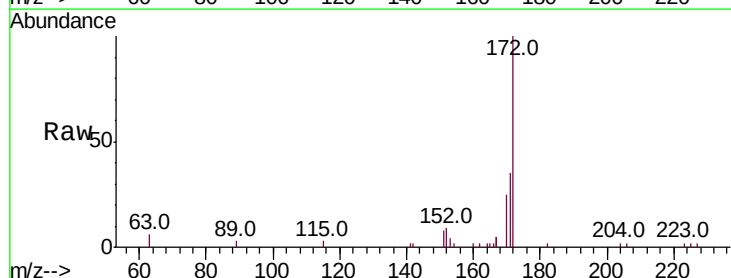
Tgt Ion:172 Resp: 5175

Ion Ratio Lower Upper

172 100

171 34.8 27.5 41.3

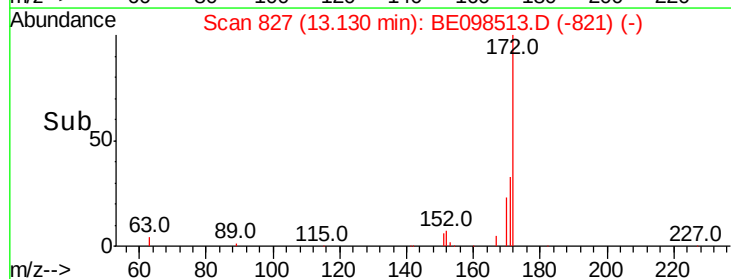
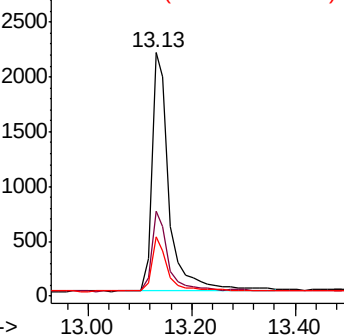
170 24.5 19.6 29.4

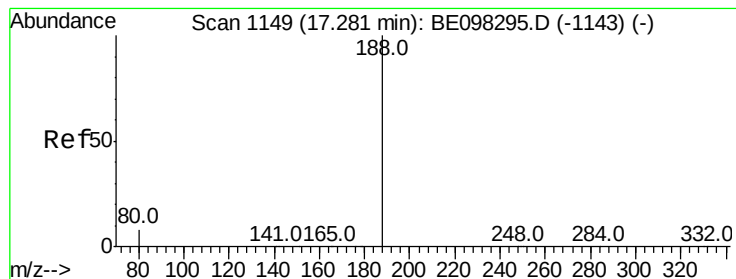


Abundance Ion 172.00 (171.70 to 172.70): E

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: BE098513.D

Acq: 18 Dec 2018 13:15

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20181211

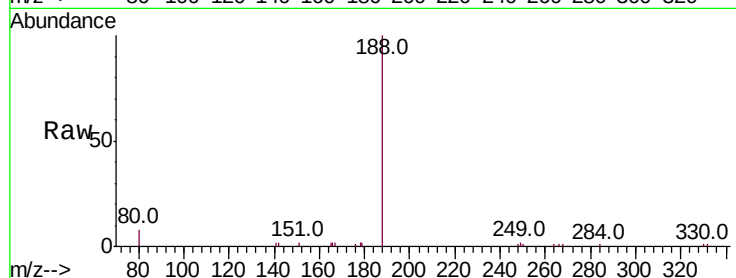
Tot Ion:188 Resp: 6731

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

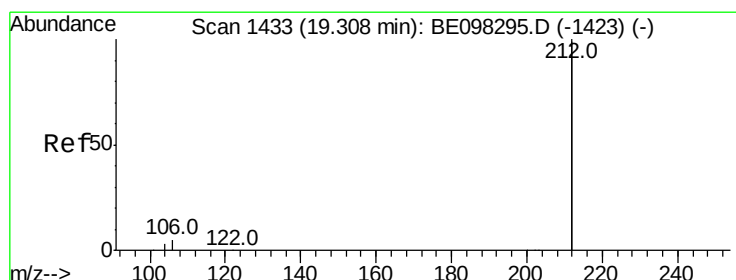
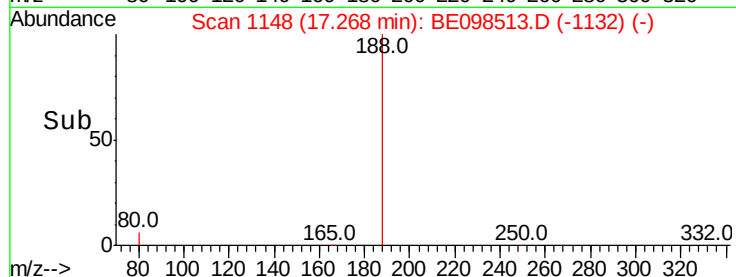
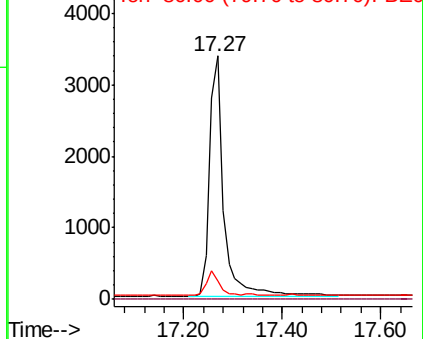
80 7.6 7.2 10.8



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



#25

Fluoranthene-d10

Concen: 0.407 ng

RT: 19.30 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE098513.D

Acq: 18 Dec 2018 13:15

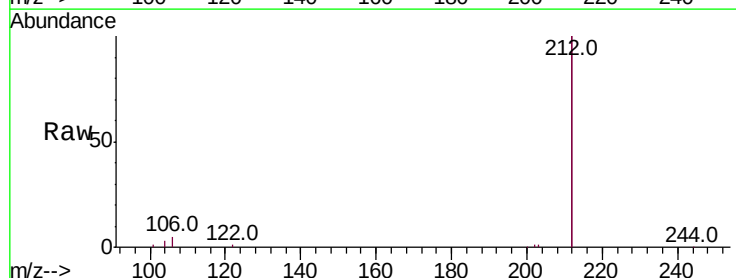
Tgt Ion:212 Resp: 35162

Ion Ratio Lower Upper

212 100

106 2.4 2.2 3.2

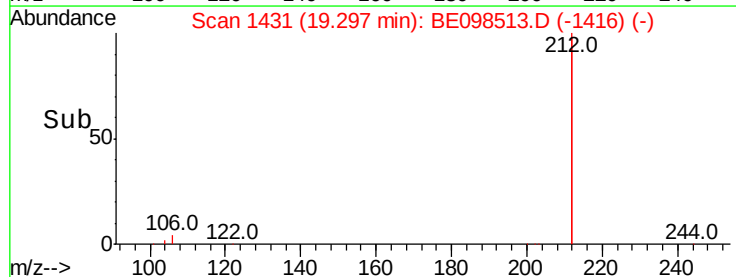
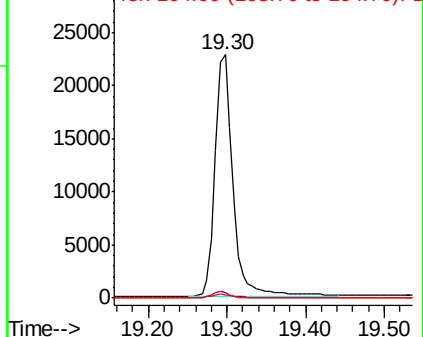
104 1.4 1.3 1.9

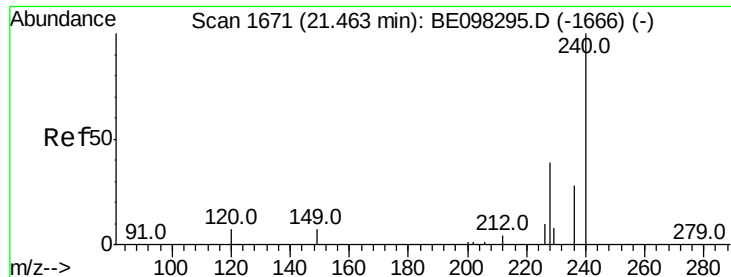


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

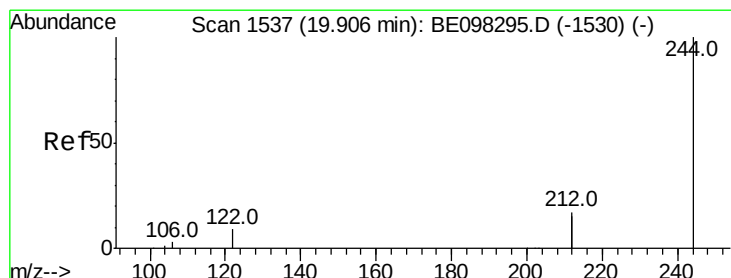
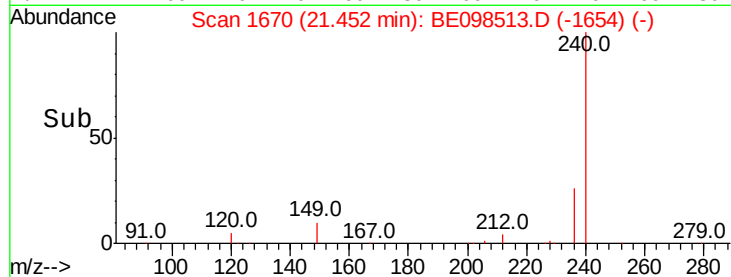
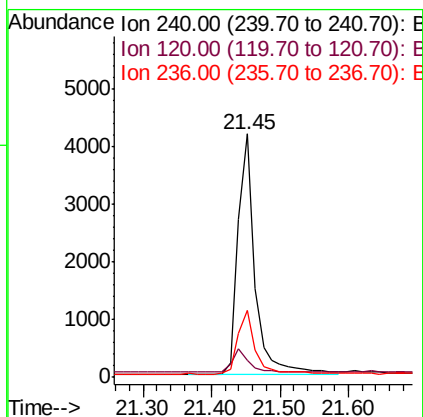
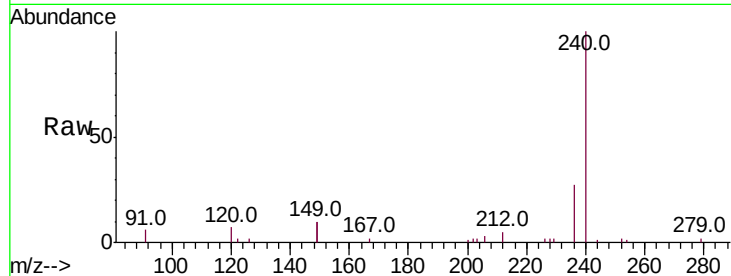




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.45 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BE098513.D
 Acq: 18 Dec 2018 13:15

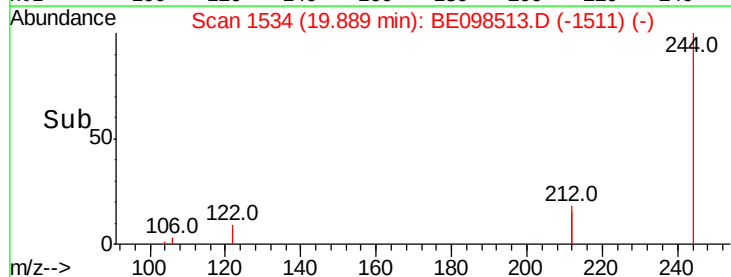
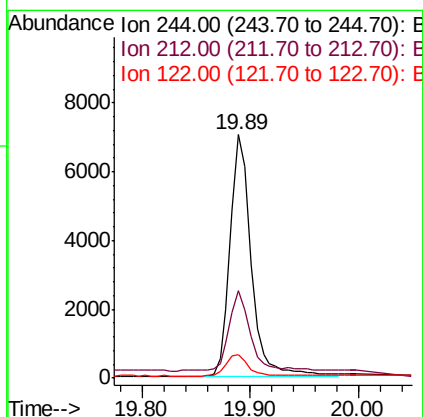
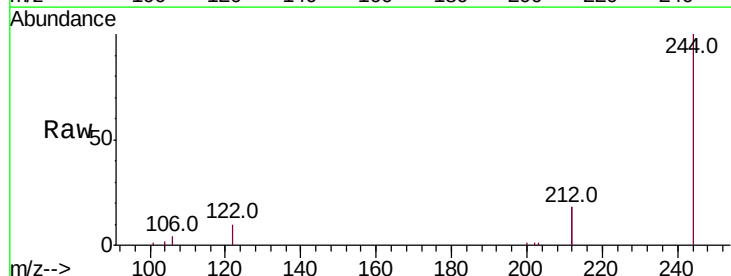
Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4002-20181211

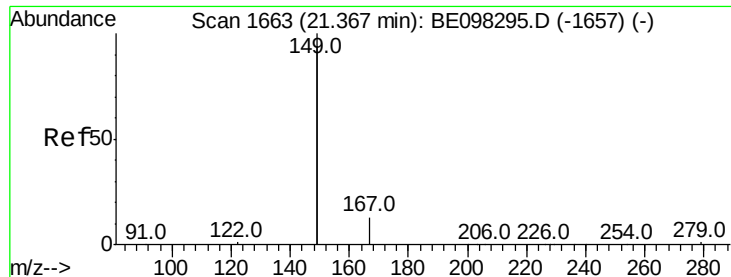
Tot Ion:240 Resp: 7253
 Ion Ratio Lower Upper
 240 100
 120 7.2 9.5 14.3#
 236 27.5 22.7 34.1



#29
 Terphenyl-d14
 Concen: 0.541 ng
 RT: 19.89 min Scan# 1534
 Delta R.T. -0.02 min
 Lab File: BE098513.D
 Acq: 18 Dec 2018 13:15

Tgt Ion:244 Resp: 9528
 Ion Ratio Lower Upper
 244 100
 212 36.1 27.4 41.0
 122 9.8 8.3 12.5

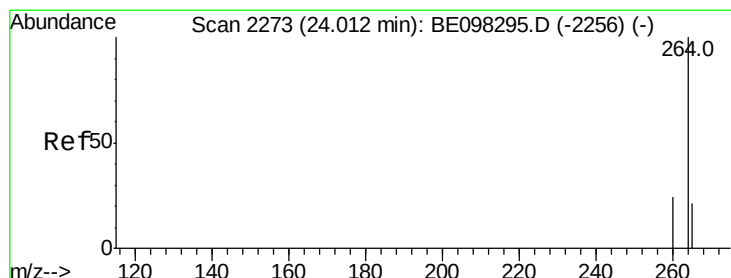
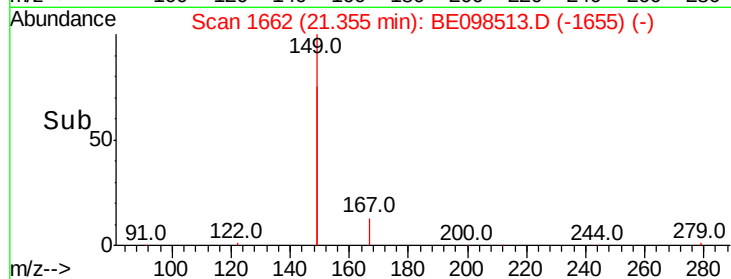
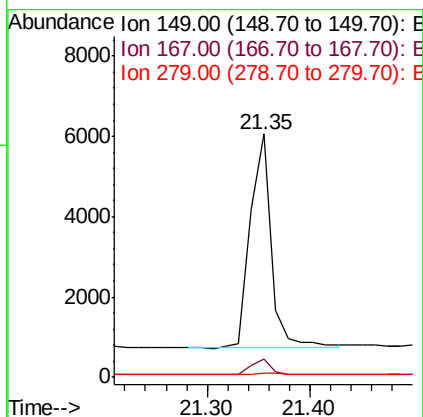
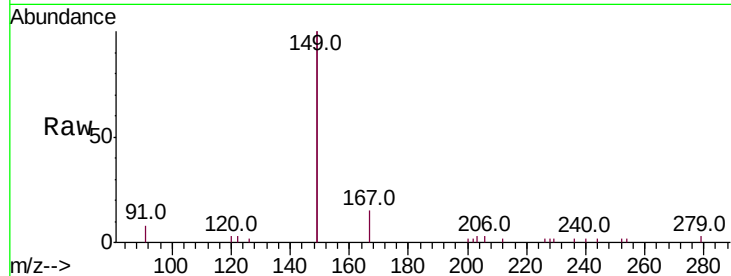




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.182 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098513.D
 Acq: 18 Dec 2018 13:15

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4002-20181211

Tot Ion:149 Resp: 7631
 Ion Ratio Lower Upper
 149 100
 167 6.7 5.7 8.5
 279 1.0 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.99 min Scan# 2266
 Delta R.T. -0.03 min
 Lab File: BE098513.D
 Acq: 18 Dec 2018 13:15

Tgt Ion:264 Resp: 6687
 Ion Ratio Lower Upper
 264 100
 260 26.5 20.2 30.2
 265 31.2 25.2 37.8

