

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121918\
 Data File : BE098524.D
 Acq On : 19 Dec 2018 10:55
 Operator : SJ/JU
 Sample : J6358-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Dec 19 12:13:22 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

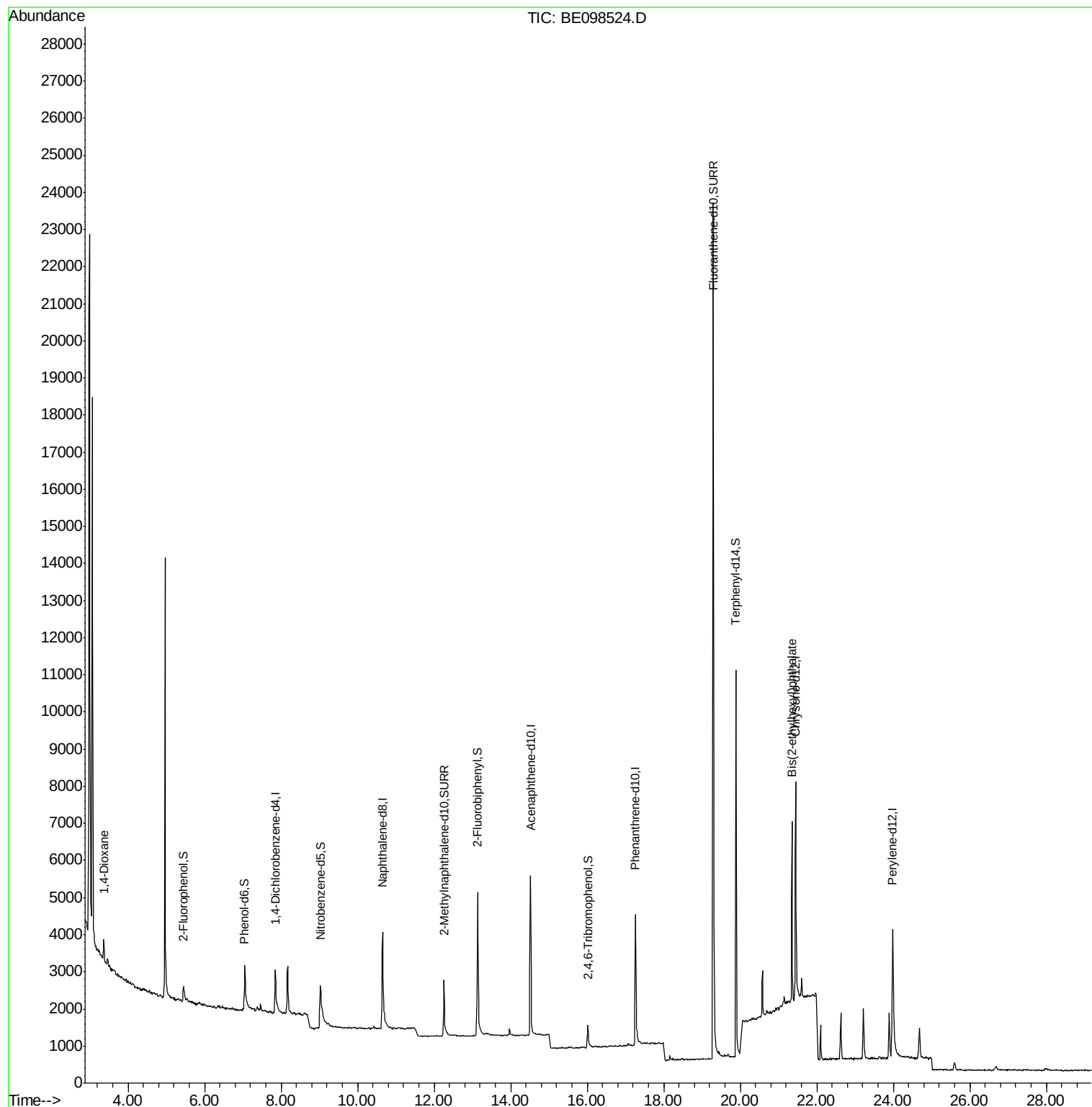
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	757	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	3893	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	2727	0.40	ng	-0.01
19) Phenanthrene-d10	17.26	188	6449	0.40	ng	-0.02
27) Chrysene-d12	21.45	240	7630	0.40	ng	-0.01
34) Perylene-d12	23.98	264	6976	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	379	0.21	ng	0.00
5) Phenol-d6	7.03	99	352	0.14	ng	-0.01
8) Nitrobenzene-d5	9.03	82	1087	0.31	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	2676	0.42	ng	-0.01
14) 2,4,6-Tribromophenol	16.01	330	482	0.48	ng	-0.01
15) 2-Fluorobiphenyl	13.13	172	4977	0.43	ng	-0.01
25) Fluoranthene-d10	19.29	212	35799	0.43	ng	-0.02
29) Terphenyl-d14	19.89	244	9659	0.52	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.36	88	295	0.225	ng	# 67
32) Bis(2-ethylhexyl)phthalate	21.35	149	5936	0.135	ng	# 99

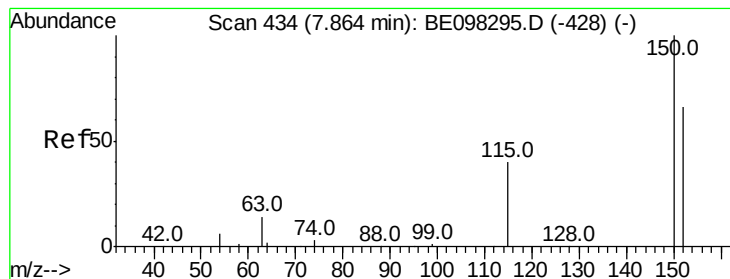
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.85 min Scan# 433

Delta R.T. -0.01 min

Lab File: BE098524.D

Acq: 19 Dec 2018 10:55

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20181211

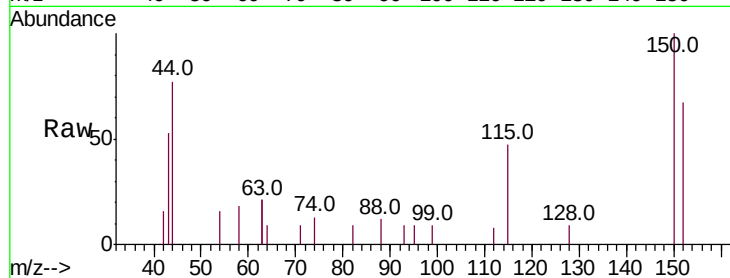
Tot Ion:152 Resp: 757

Ion Ratio Lower Upper

152 100

150 148.3 124.2 186.4

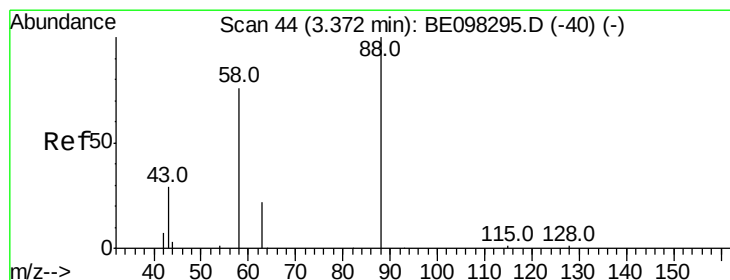
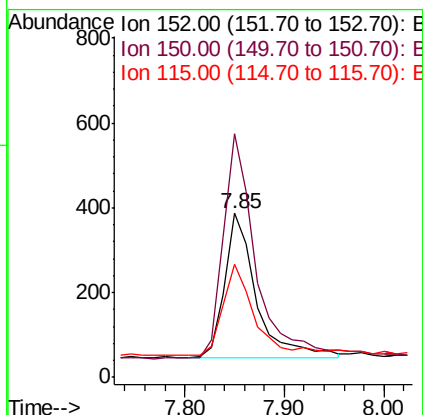
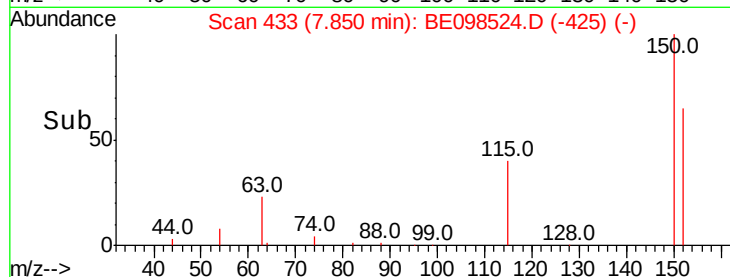
115 69.0 53.9 80.9



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: 0.225 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.01 min

Lab File: BE098524.D

Acq: 19 Dec 2018 10:55

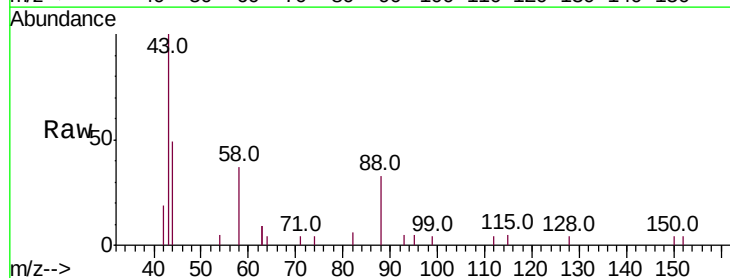
Tgt Ion: 88 Resp: 295

Ion Ratio Lower Upper

88 100

58 125.8 75.0 112.6#

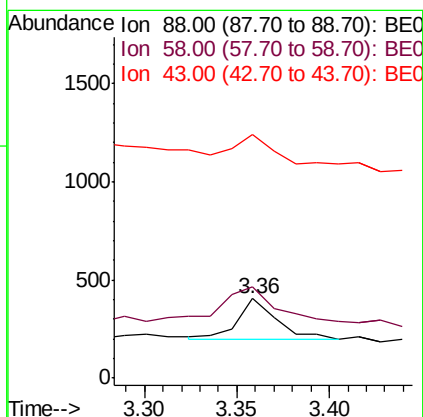
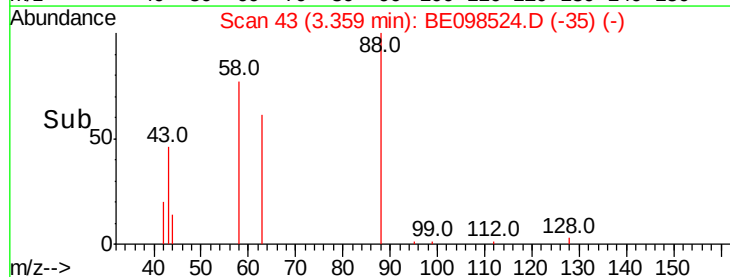
43 70.5 38.3 57.5#

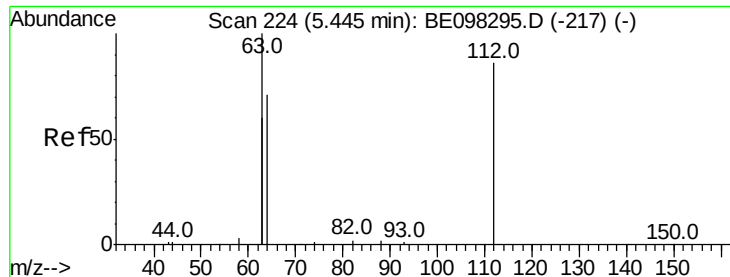


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.214 ng

RT: 5.44 min Scan# 224

Delta R.T. -0.00 min

Lab File: BE098524.D

Acq: 19 Dec 2018 10:55

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20181211

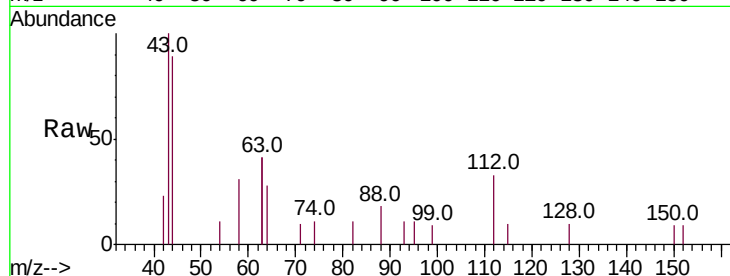
Tot Ion:112 Resp: 379

Ion Ratio Lower Upper

112 100

64 73.4 59.8 89.8

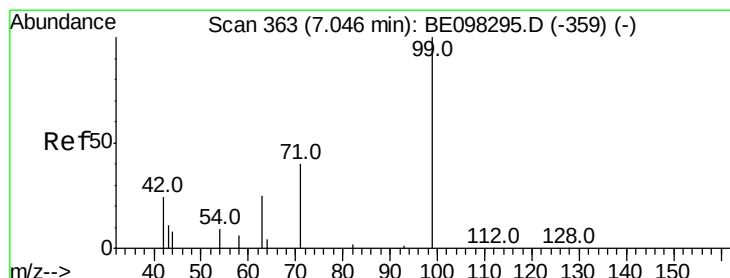
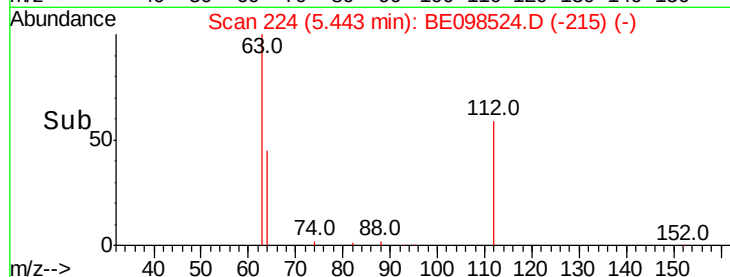
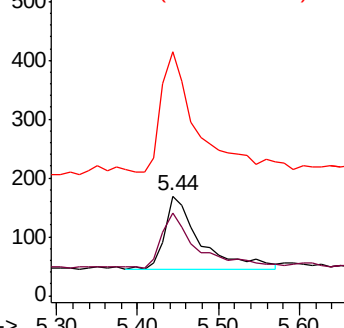
63 171.8 133.7 200.5



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: 0.140 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098524.D

Acq: 19 Dec 2018 10:55

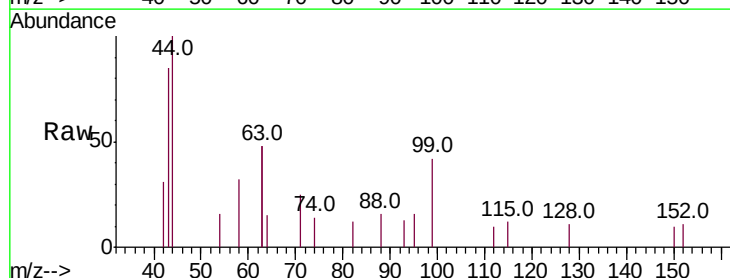
Tgt Ion: 99 Resp: 352

Ion Ratio Lower Upper

99 100

42 61.9 26.3 39.5#

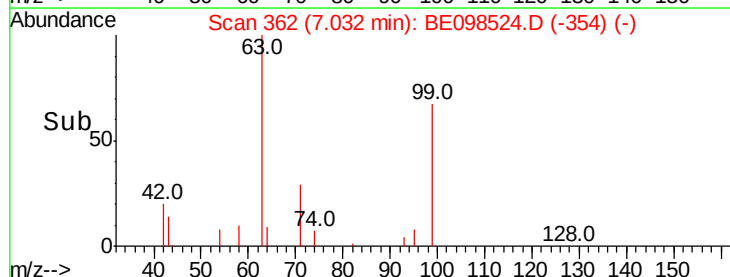
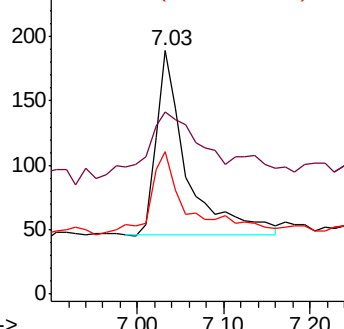
71 57.4 33.6 50.4#

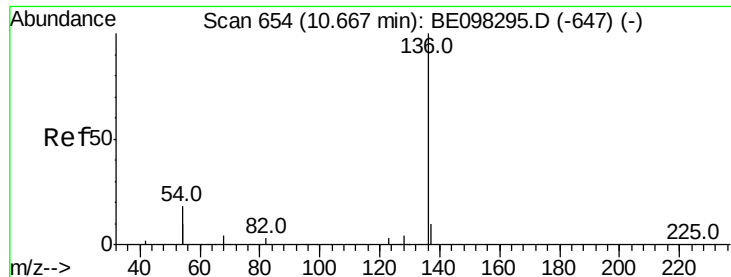


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098524.D

Acq: 19 Dec 2018 10:55

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20181211

Tot Ion:136 Resp: 3893

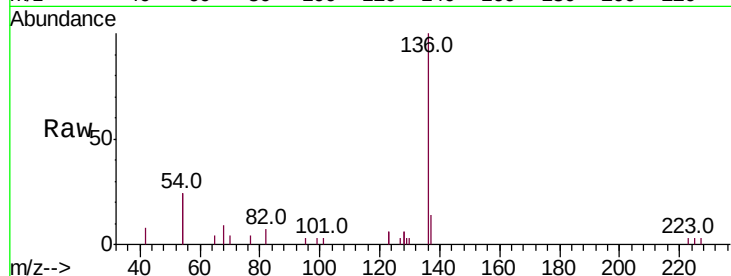
Ion Ratio Lower Upper

136 100

137 13.9 9.2 13.8#

54 48.0 28.4 42.6#

68 8.6 5.4 8.0#

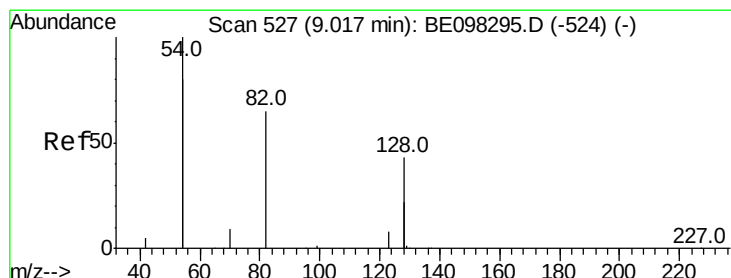
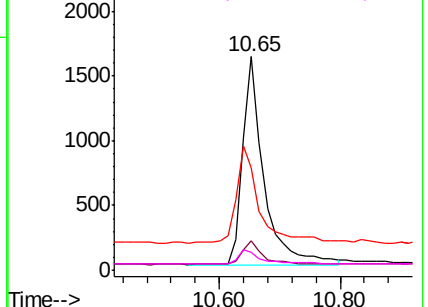
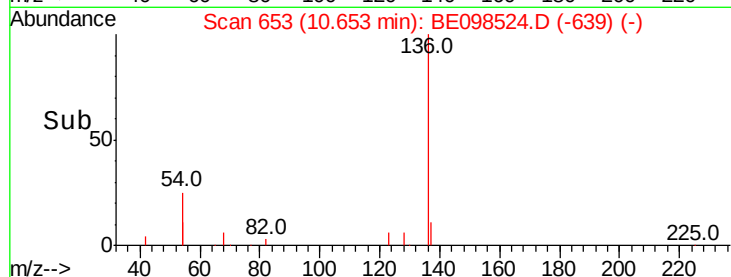


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.307 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098524.D

Acq: 19 Dec 2018 10:55

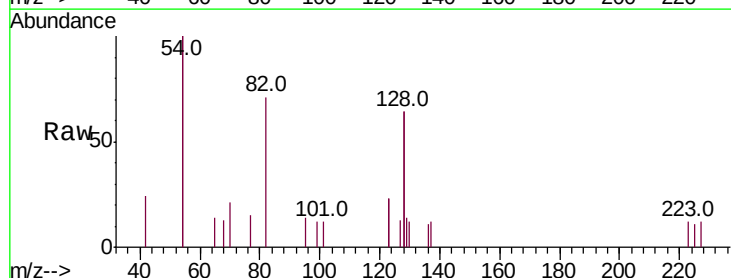
Tgt Ion: 82 Resp: 1087

Ion Ratio Lower Upper

82 100

128 179.5 102.4 153.6#

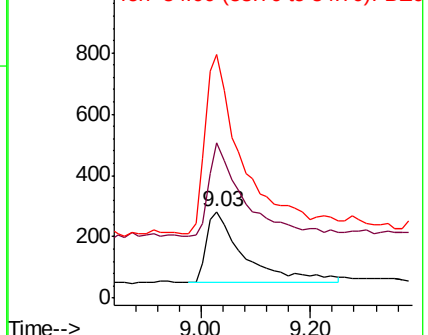
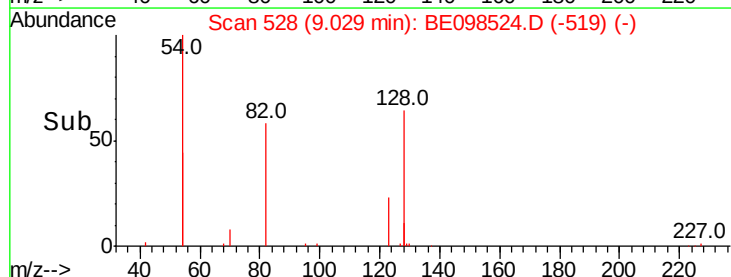
54 280.6 221.8 332.8

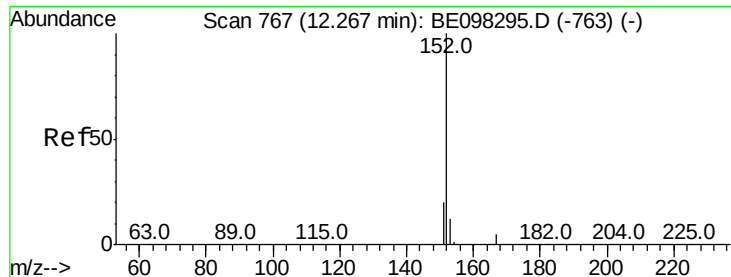


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

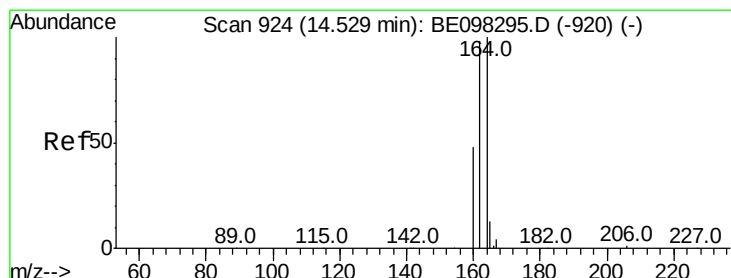
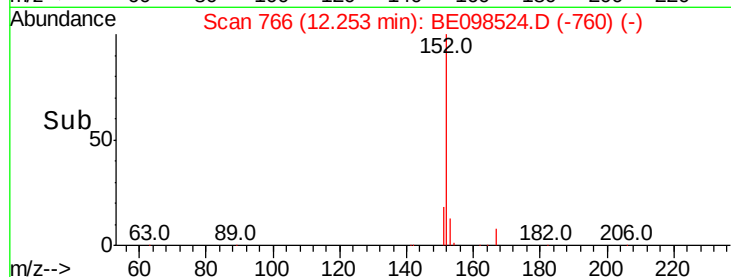
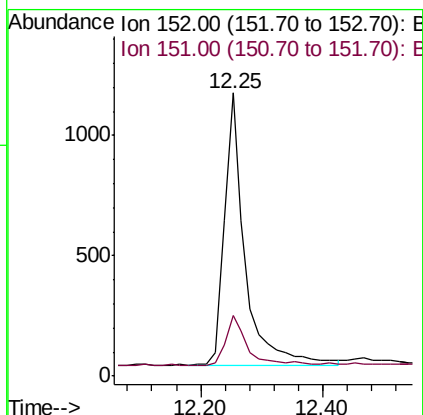
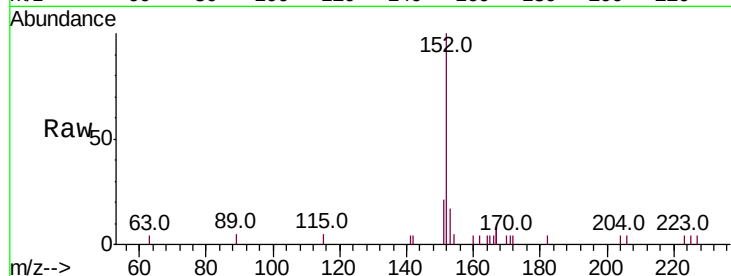




#11
 2-Methylnaphthalene-d10
 Concen: 0.423 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BE098524.D
 Acq: 19 Dec 2018 10:55

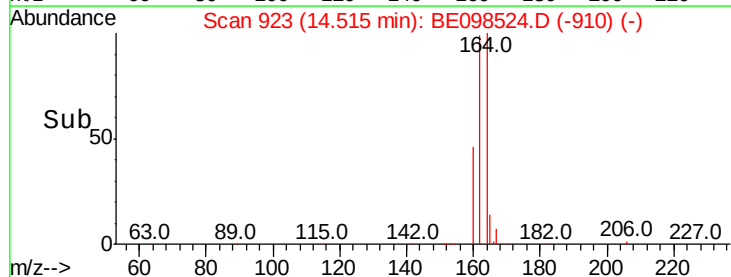
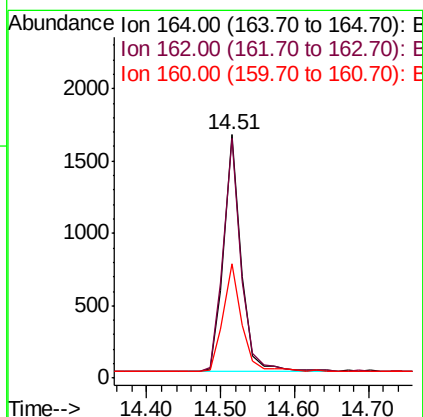
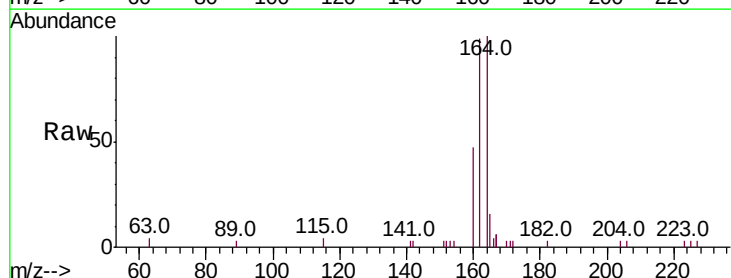
Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4002-20181211

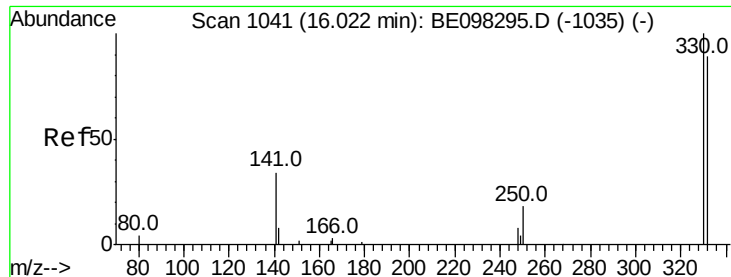
Tot Ion:152 Resp: 2676
 Ion Ratio Lower Upper
 152 100
 151 19.0 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BE098524.D
 Acq: 19 Dec 2018 10:55

Tgt Ion:164 Resp: 2727
 Ion Ratio Lower Upper
 164 100
 162 98.6 77.6 116.4
 160 47.1 36.0 54.0





#14

2,4,6-Tribromophenol

Concen: 0.481 ng

RT: 16.01 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BE098524.D

Acq: 19 Dec 2018 10:55

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20181211

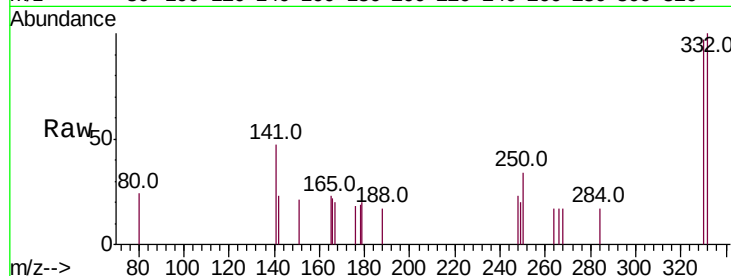
Tot Ion:330 Resp: 482

Ion Ratio Lower Upper

330 100

332 96.7 76.2 114.4

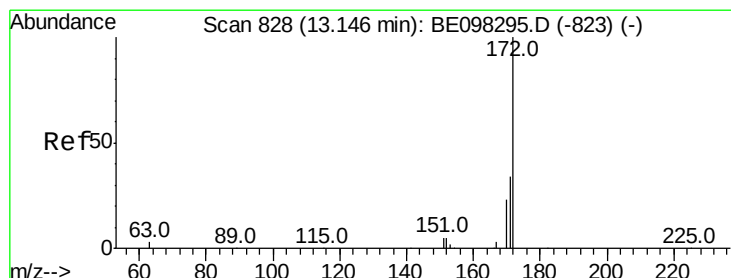
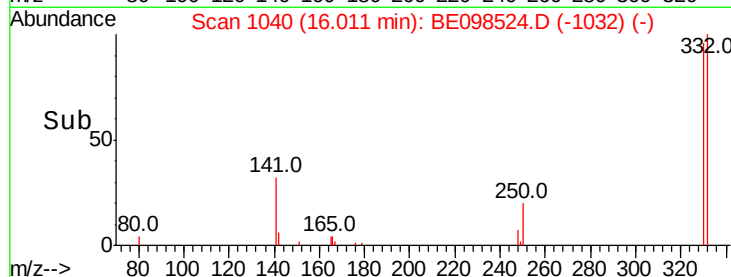
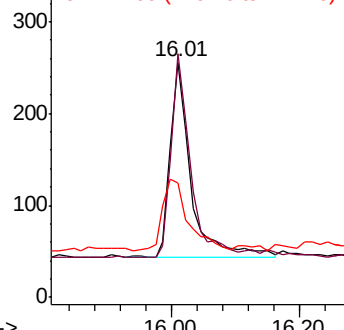
141 44.6 39.0 58.4



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: 0.433 ng

RT: 13.13 min Scan# 827

Delta R.T. -0.01 min

Lab File: BE098524.D

Acq: 19 Dec 2018 10:55

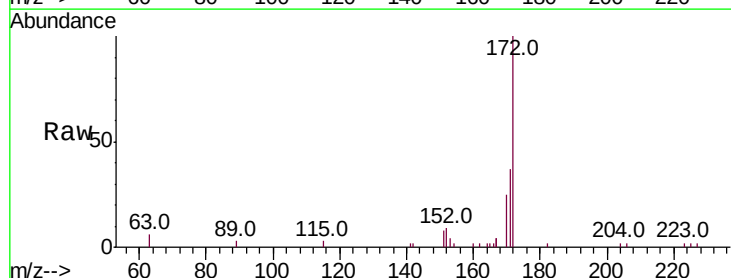
Tgt Ion:172 Resp: 4977

Ion Ratio Lower Upper

172 100

171 36.6 27.5 41.3

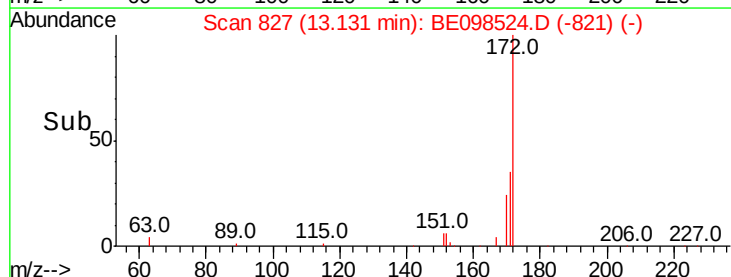
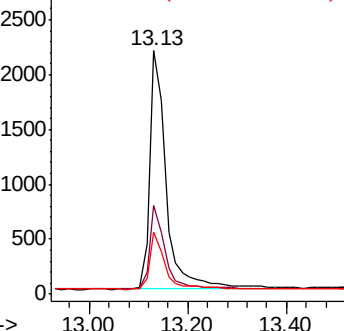
170 25.3 19.6 29.4

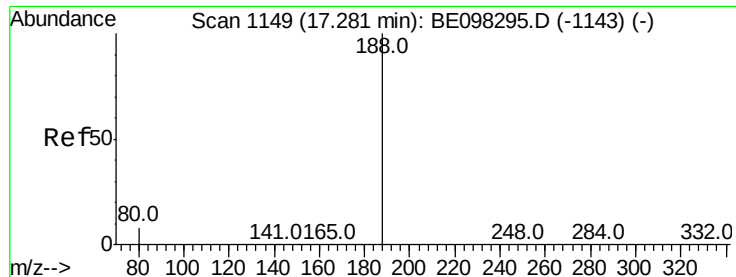


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

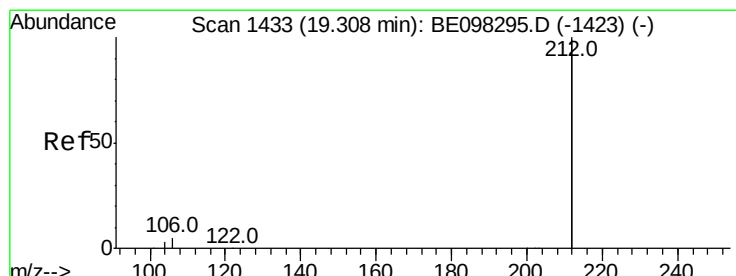
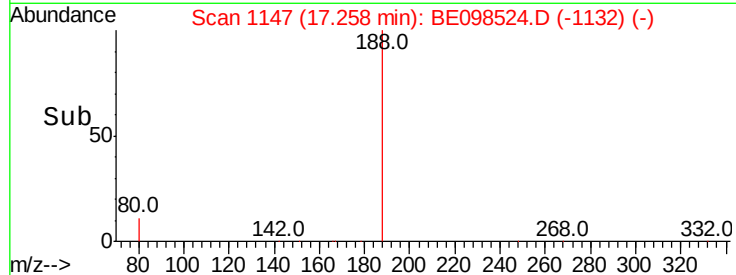
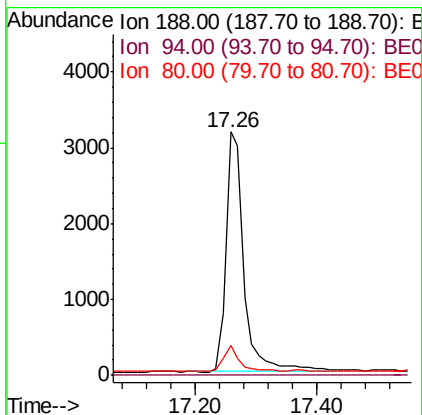
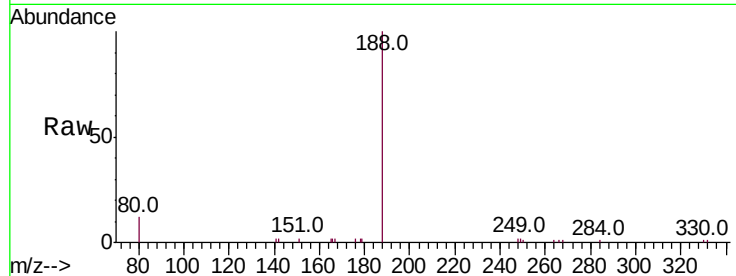




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.26 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BE098524.D
Acq: 19 Dec 2018 10:55

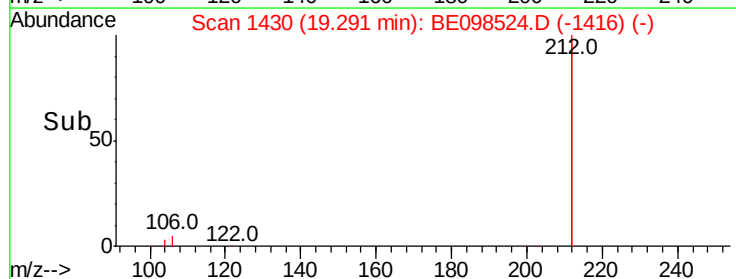
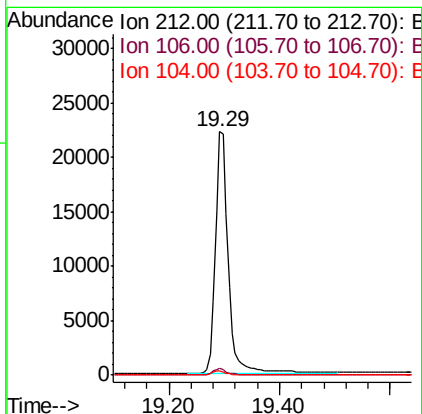
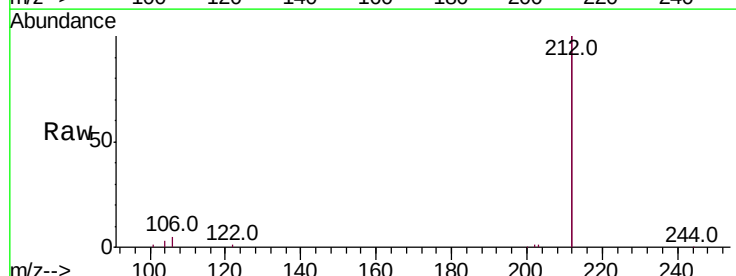
Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20181211

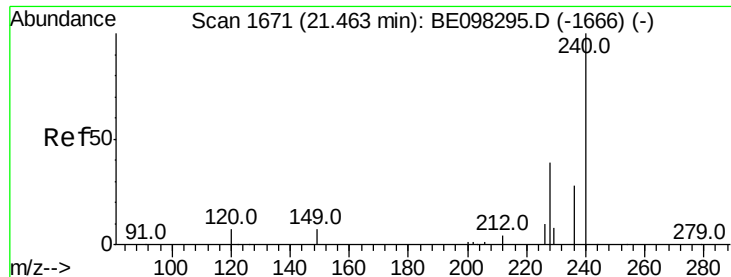
Tot Ion:188 Resp: 6449
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 7.2 10.8#



#25
Fluoranthene-d10
Concen: 0.433 ng
RT: 19.29 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BE098524.D
Acq: 19 Dec 2018 10:55

Tgt Ion:212 Resp: 35799
Ion Ratio Lower Upper
212 100
106 2.4 2.2 3.2
104 1.4 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: BE098524.D

Acq: 19 Dec 2018 10:55

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20181211

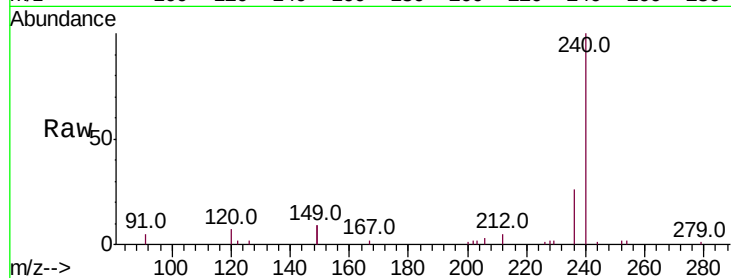
Tot Ion:240 Resp: 7630

Ion Ratio Lower Upper

240 100

120 7.2 9.5 14.3#

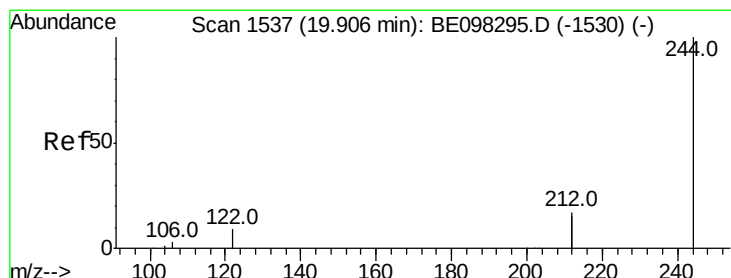
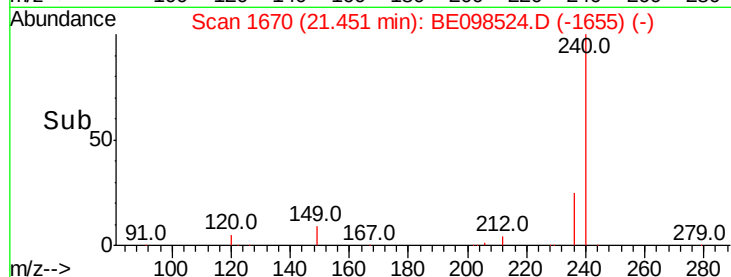
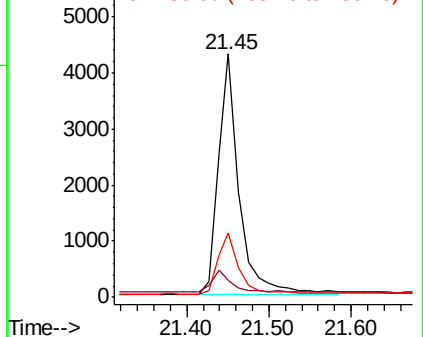
236 26.2 22.7 34.1



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: 0.521 ng

RT: 19.89 min Scan# 1534

Delta R.T. -0.02 min

Lab File: BE098524.D

Acq: 19 Dec 2018 10:55

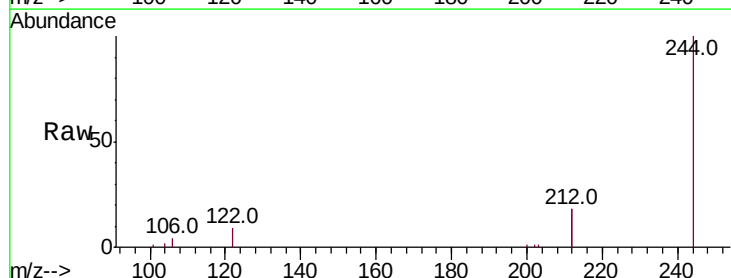
Tgt Ion:244 Resp: 9659

Ion Ratio Lower Upper

244 100

212 35.9 27.4 41.0

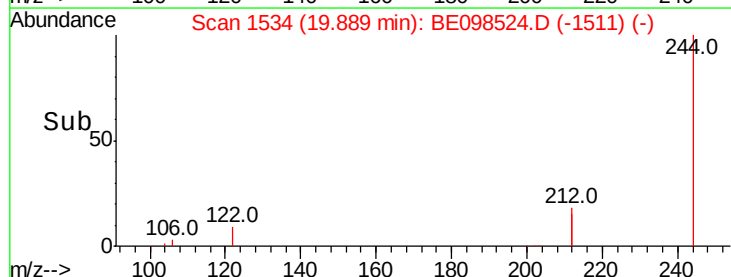
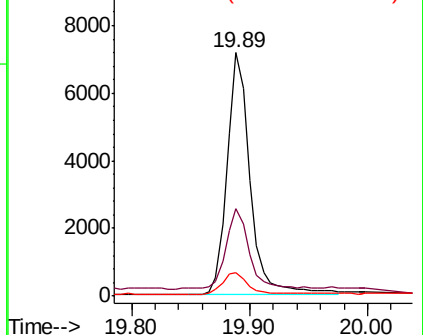
122 9.4 8.3 12.5

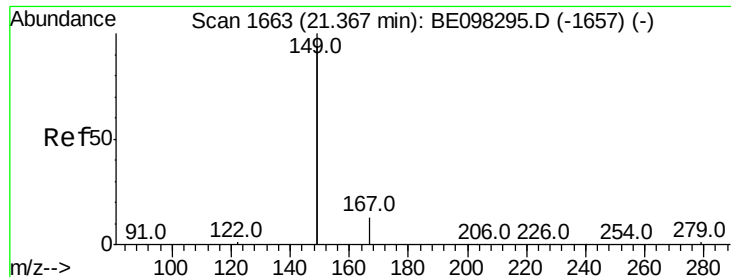


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.135 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098524.D

Acq: 19 Dec 2018 10:55

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20181211

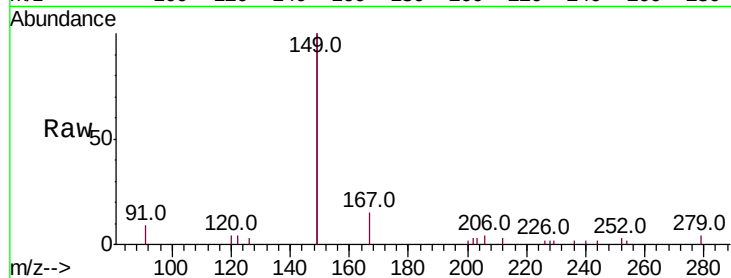
Tot Ion:149 Resp: 5936

Ion Ratio Lower Upper

149 100

167 6.9 5.7 8.5

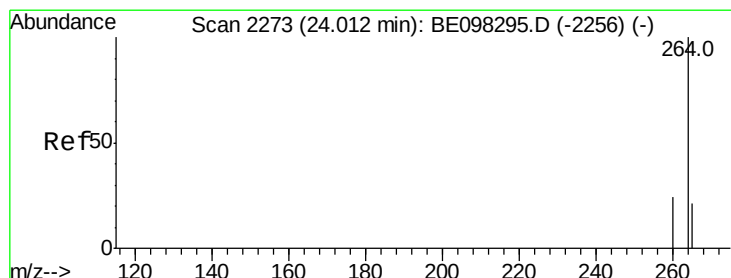
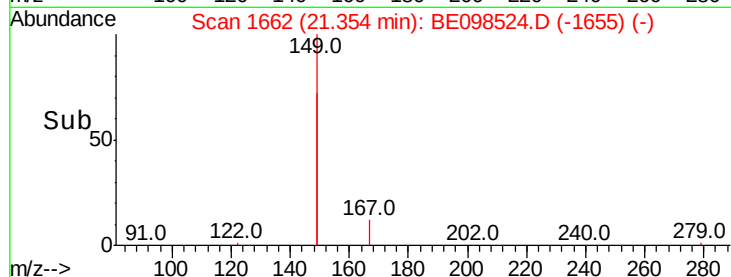
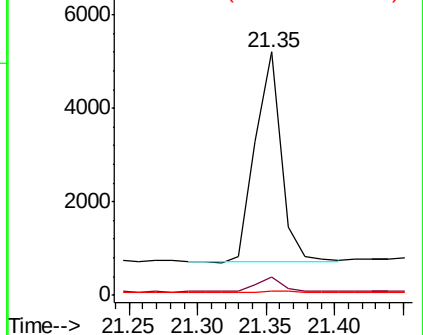
279 0.7 1.0 1.4#



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: 23.98 min Scan# 2265

Delta R.T. -0.03 min

Lab File: BE098524.D

Acq: 19 Dec 2018 10:55

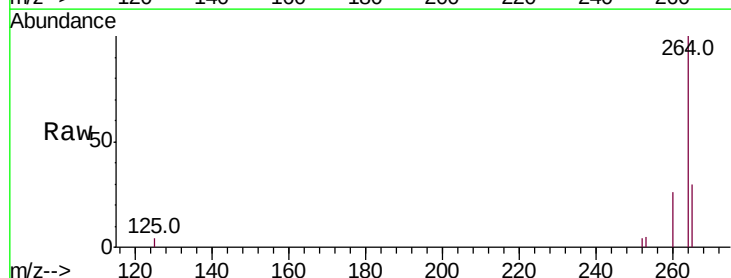
Tgt Ion:264 Resp: 6976

Ion Ratio Lower Upper

264 100

260 25.7 20.2 30.2

265 29.7 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

