

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE043018\
 Data File : BE096243.D
 Acq On : 1 May 2018 3:57
 Operator : SJ/JU
 Sample : J2600-16
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW313S-20180425

Quant Time: May 01 06:06:40 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 14:27:29 2018
 Response via : Initial Calibration

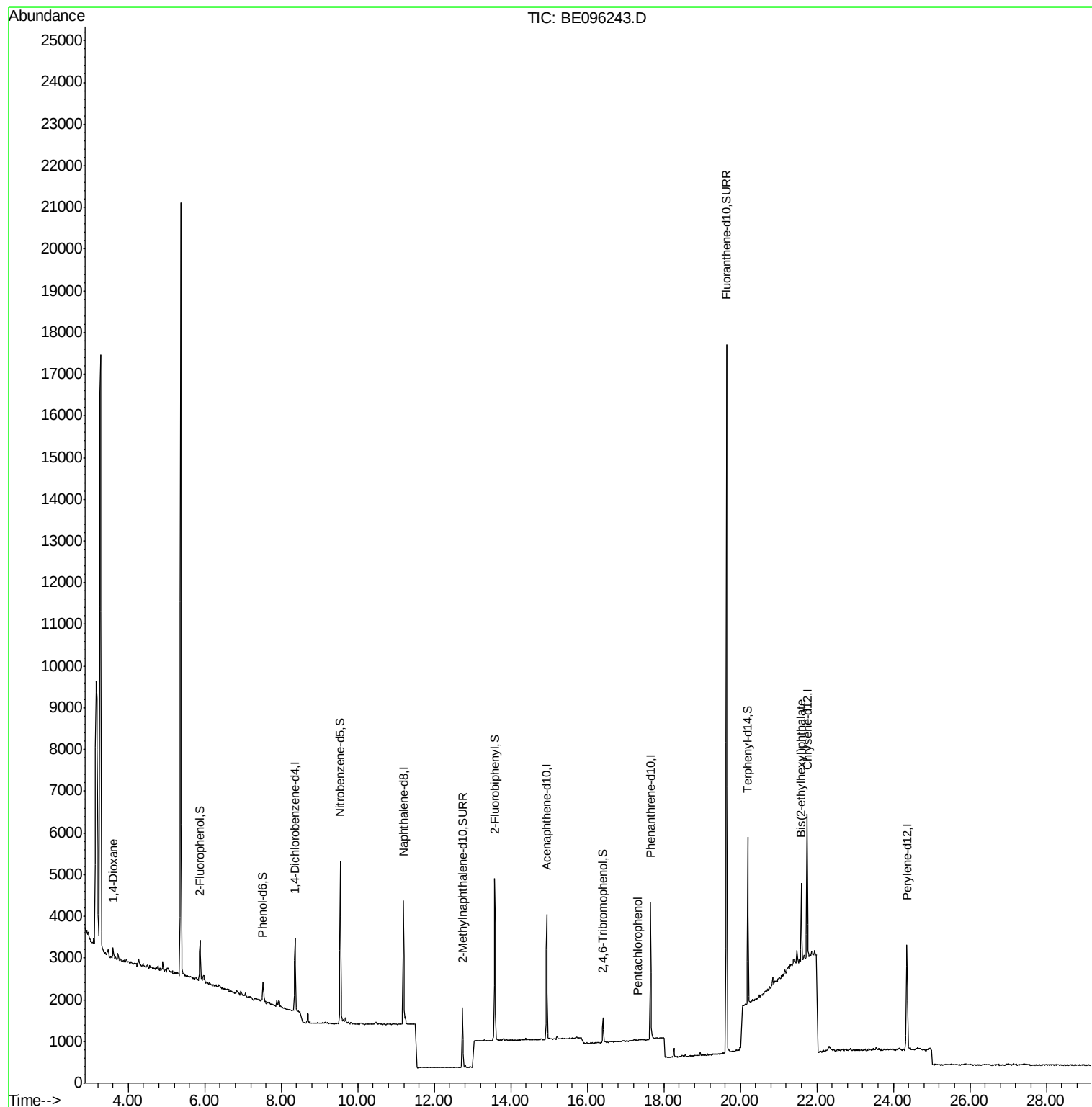
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	842	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3217	0.40	ng	0.00
13) Acenaphthene-d10	14.95	164	1724	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	4127	0.40	ng	0.00
27) Chrysene-d12	21.75	240	4073	0.40	ng	0.01
34) Perylene-d12	24.35	264	3876	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.88	112	487	0.19	ng	0.01
5) Phenol-d6	7.52	99	415	0.12	ng	0.01
8) Nitrobenzene-d5	9.54	82	1542	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.74	152	1956	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	318	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	3523	0.48	ng	0.00
25) Fluoranthene-d10	19.64	212	21206	0.38	ng	0.00
29) Terphenyl-d14	20.19	244	3745	0.42	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.61	88	170	0.131	ng	Qvalue # 75
22) Pentachlorophenol	17.32	266	5	0.140	ng	96
32) Bis(2-ethylhexyl)phthalate	21.60	149	2204	0.065	ng	# 100

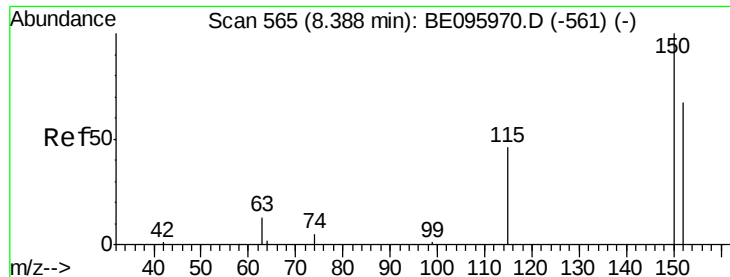
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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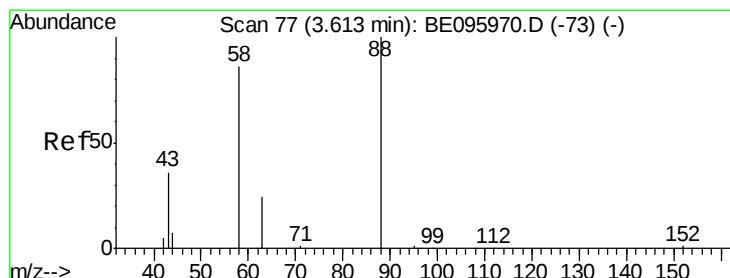
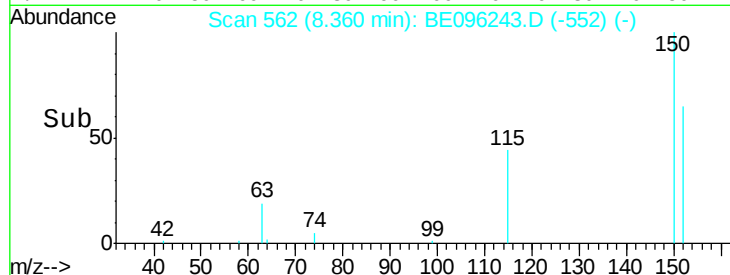
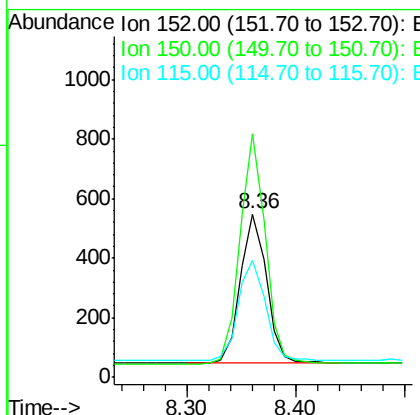
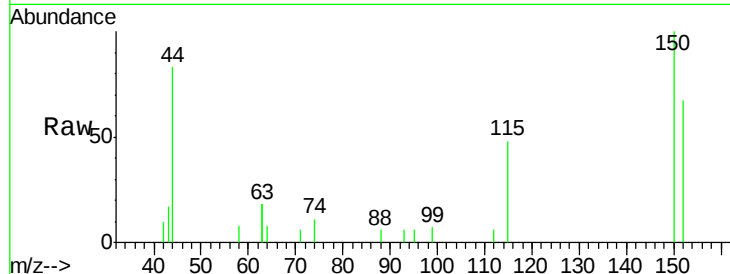




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.36 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BE096243.D
 Acq: 1 May 2018 3:57

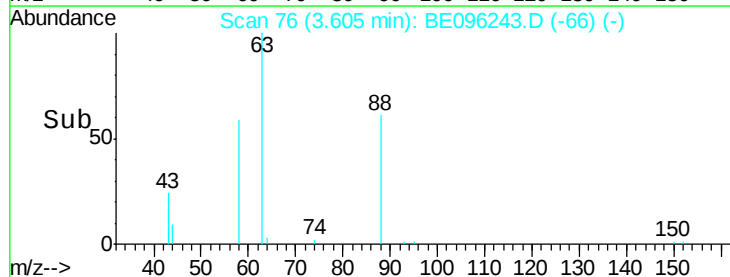
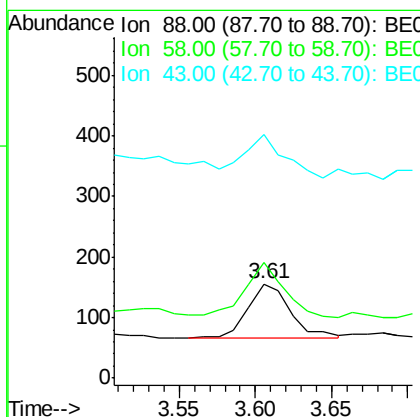
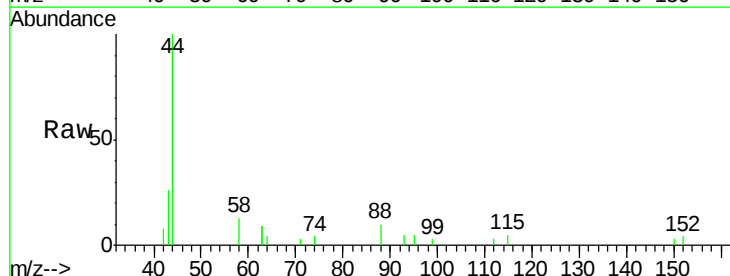
Instrument :
 BNA_E
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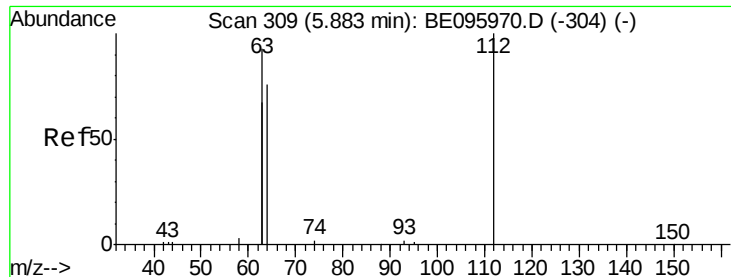
Tgt Ion: 152 Resp: 842
 Ion Ratio Lower Upper
 152 100
 150 149.3 117.2 175.8
 115 71.5 57.0 85.6



#2
 1,4-Dioxane
 Concen: 0.131 ng
 RT: 3.61 min Scan# 76
 Delta R.T. 0.00 min
 Lab File: BE096243.D
 Acq: 1 May 2018 3:57

Tgt Ion: 88 Resp: 170
 Ion Ratio Lower Upper
 88 100
 58 94.1 63.2 94.8
 43 76.5 41.2 61.8#





#4

2-Fluorophenol

Concen: 0.187 ng

RT: 5.88 min Scan# 308

Delta R.T. 0.01 min

Lab File: BE096243.D

Acq: 1 May 2018 3:57

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW313S-20180425

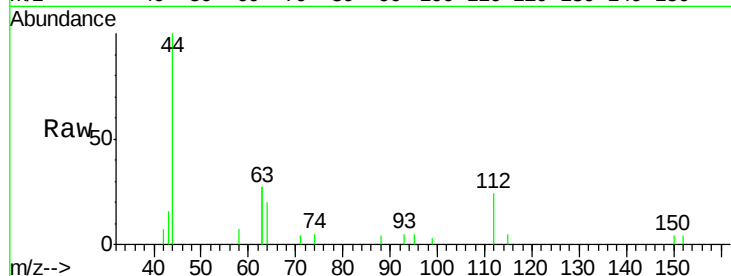
Tgt Ion: 112 Resp: 487

Ion Ratio Lower Upper

112 100

64 79.5 60.1 90.1

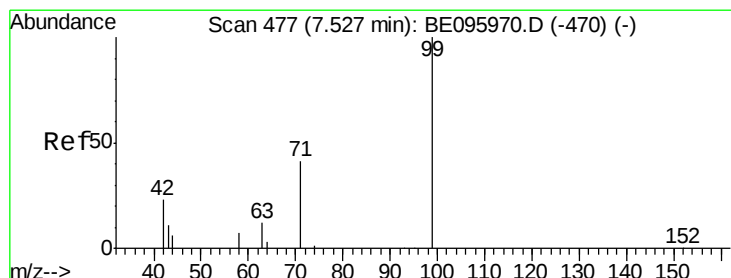
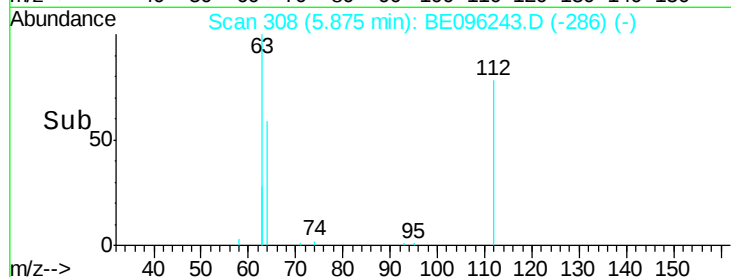
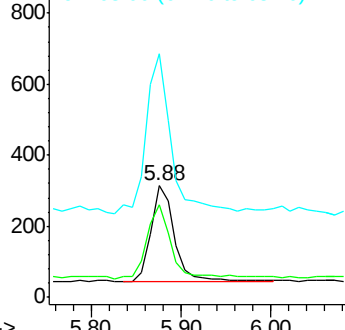
63 177.6 116.8 175.2#



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: 0.116 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096243.D

Acq: 1 May 2018 3:57

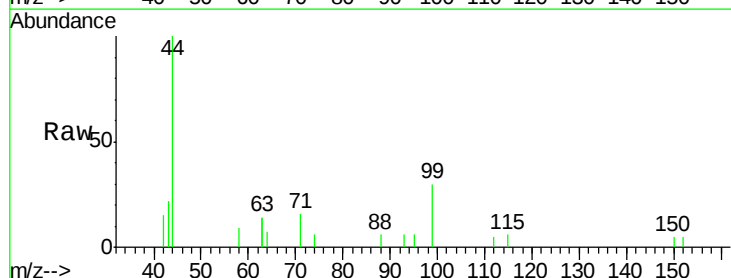
Tgt Ion: 99 Resp: 415

Ion Ratio Lower Upper

99 100

42 28.2 20.2 30.2

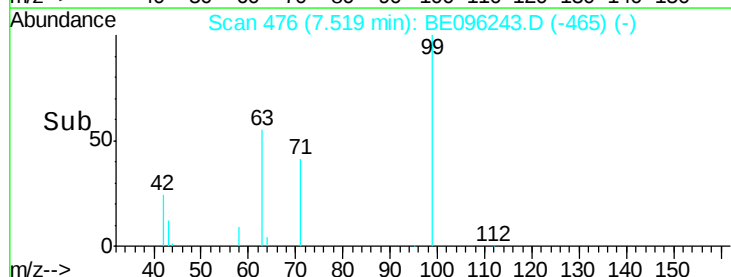
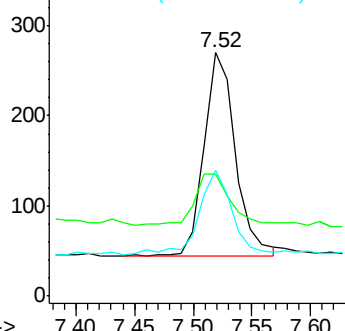
71 44.1 28.4 42.6#

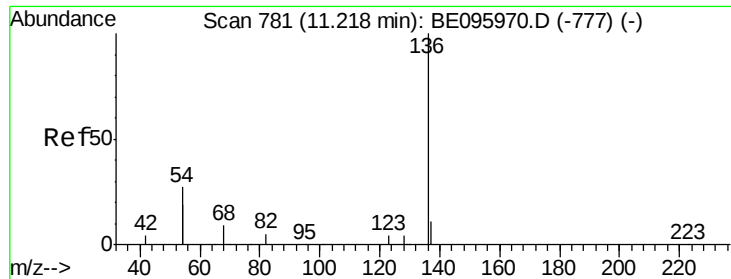


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 11.19 min Scan# 779

Delta R.T. -0.00 min

Lab File: BE096243.D

Acq: 1 May 2018 3:57

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW313S-20180425

Tgt Ion:136 Resp: 3217

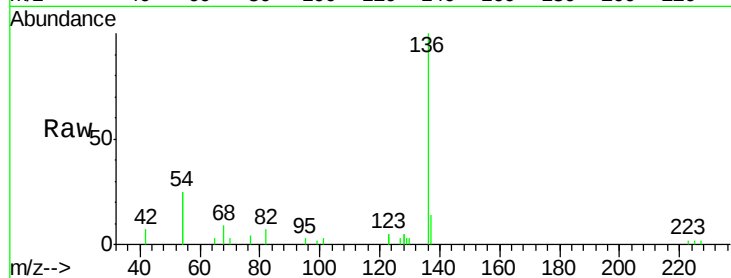
Ion Ratio Lower Upper

136 100

137 13.6 9.5 14.3

54 49.3 29.1 43.7#

68 9.3 6.2 9.2#

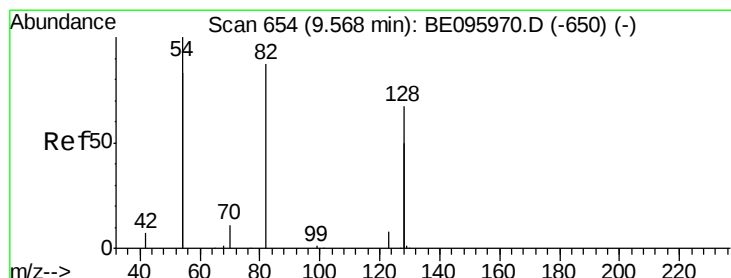
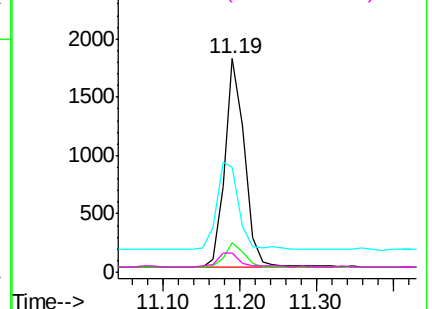
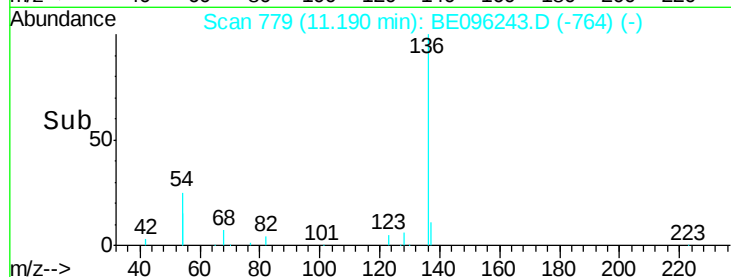


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.409 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE096243.D

Acq: 1 May 2018 3:57

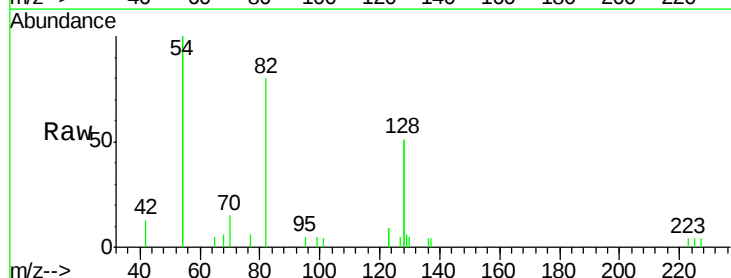
Tgt Ion: 82 Resp: 1542

Ion Ratio Lower Upper

82 100

128 127.8 150.0 225.0#

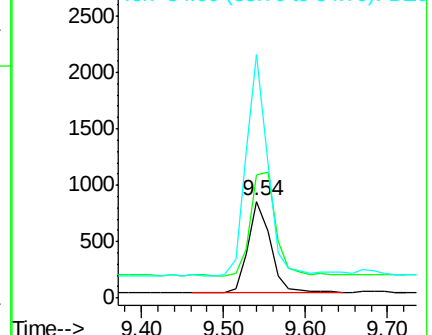
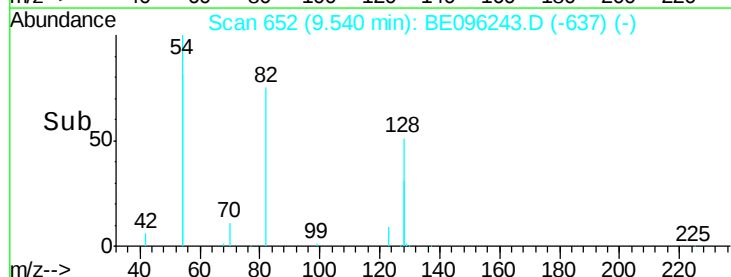
54 251.2 154.2 231.4#

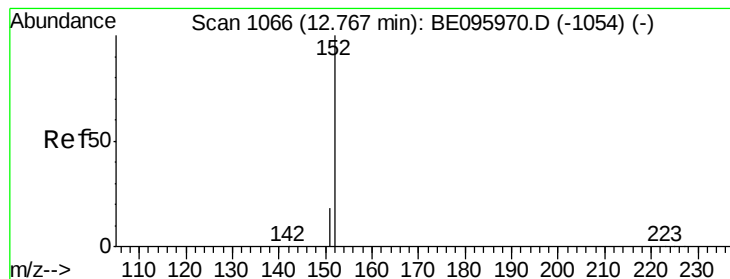


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

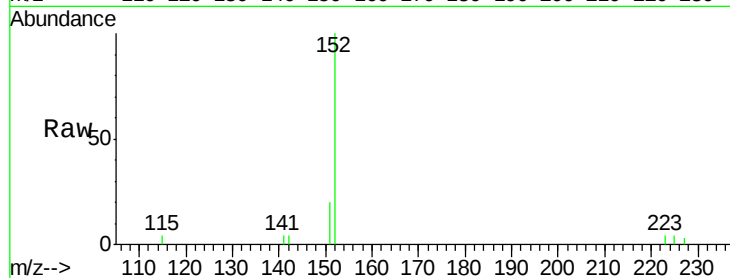




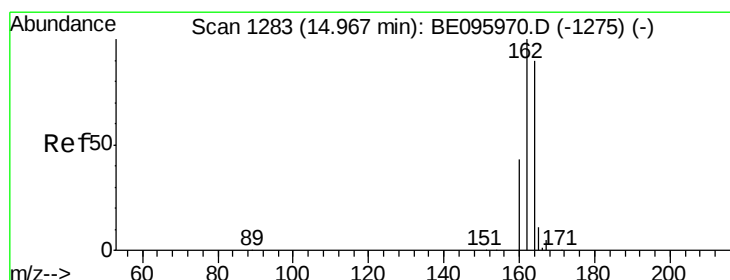
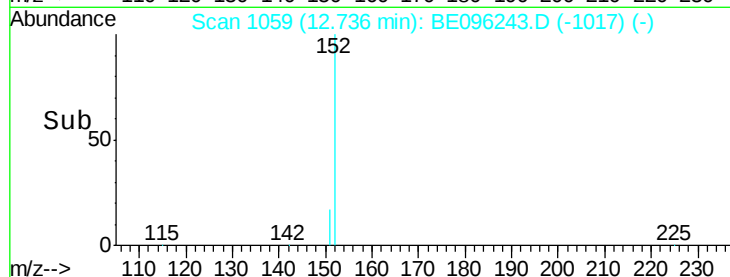
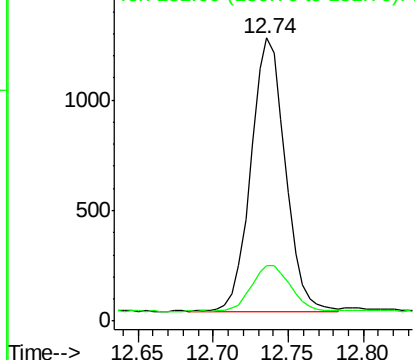
#11
2-Methylnaphthalene-d10
Concen: 0.384 ng
RT: 12.74 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE096243.D
Acq: 1 May 2018 3:57

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW313S-20180425

Tgt Ion:152 Resp: 1956
Ion Ratio Lower Upper
152 100
151 19.2 15.4 23.0

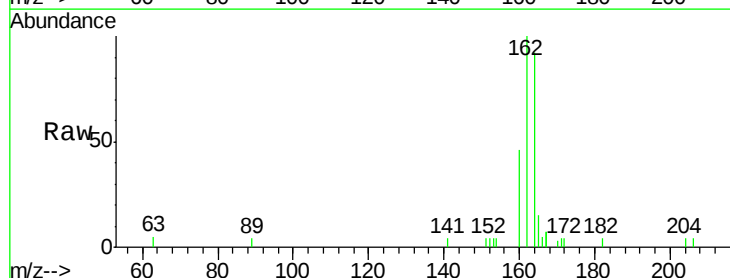


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

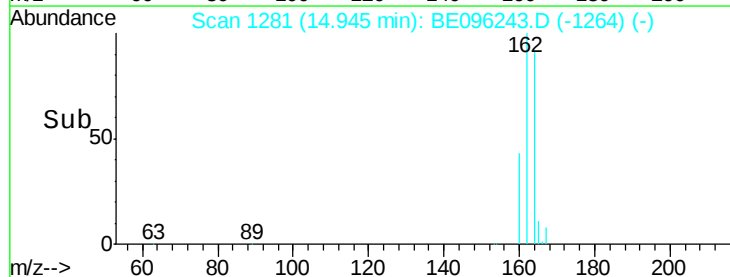
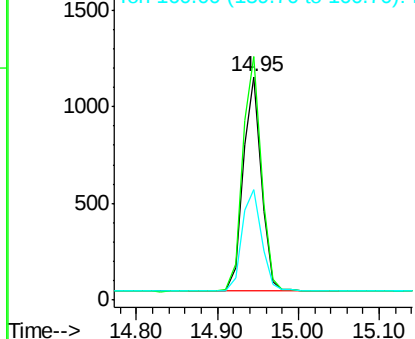


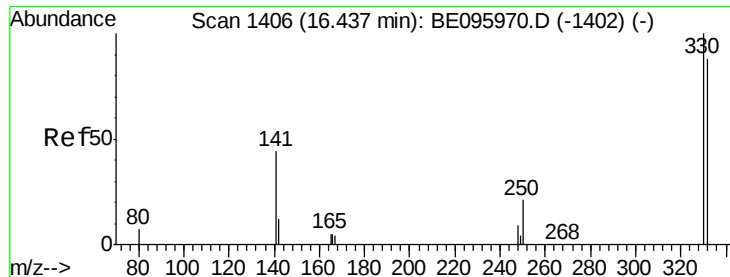
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.95 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BE096243.D
Acq: 1 May 2018 3:57

Tgt Ion:164 Resp: 1724
Ion Ratio Lower Upper
164 100
162 108.9 83.1 124.7
160 49.6 37.1 55.7



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

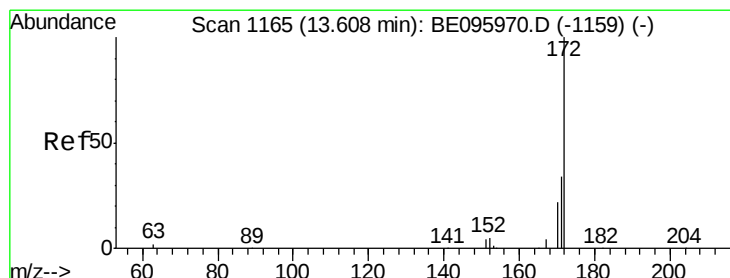
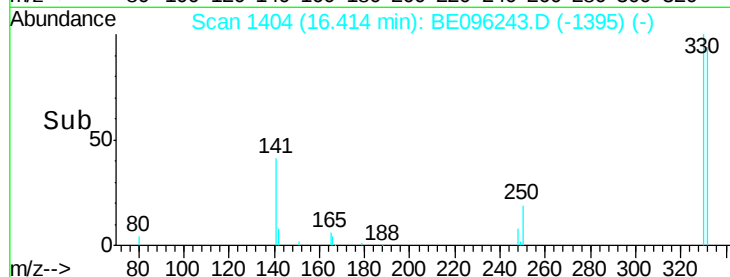
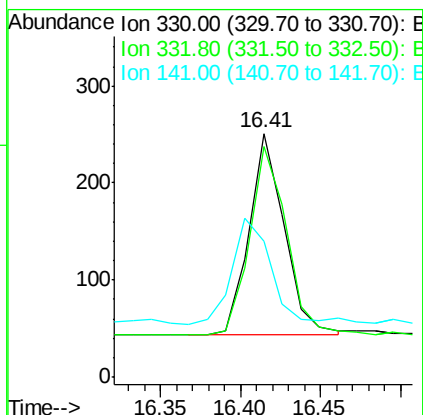
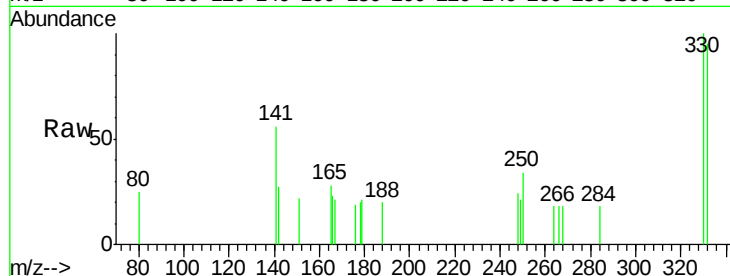




#14
 2,4,6-Tribromophenol
 Concen: 0.382 ng
 RT: 16.41 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BE096243.D
 Acq: 1 May 2018 3:57

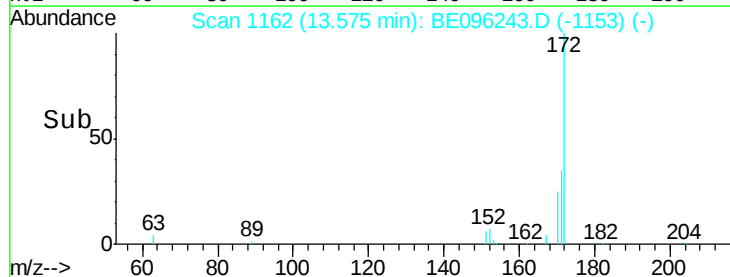
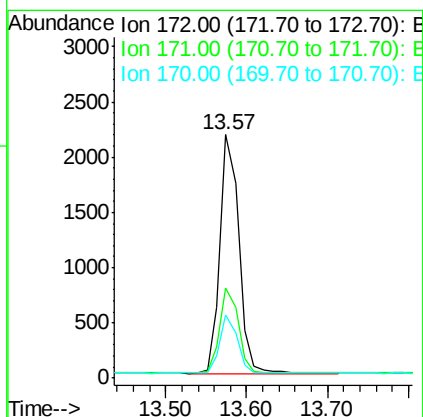
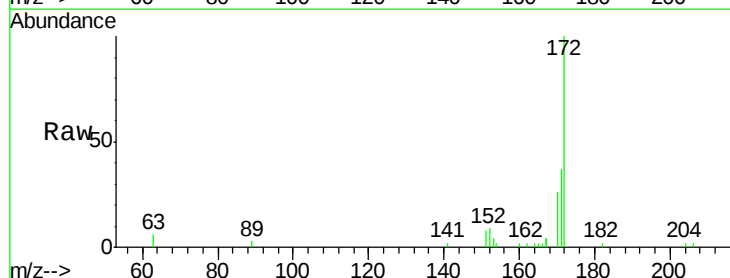
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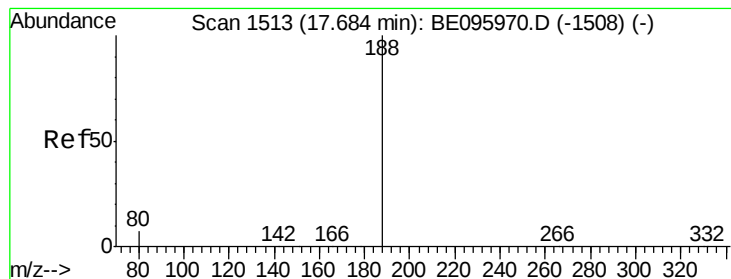
Tgt Ion:330 Resp: 318
 Ion Ratio Lower Upper
 330 100
 332 99.1 152.7 229.1#
 141 59.7 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 0.478 ng
 RT: 13.57 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BE096243.D
 Acq: 1 May 2018 3:57

Tgt Ion:172 Resp: 3523
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.9 44.9
 170 26.2 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096243.D

Acq: 1 May 2018 3:57

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW313S-20180425

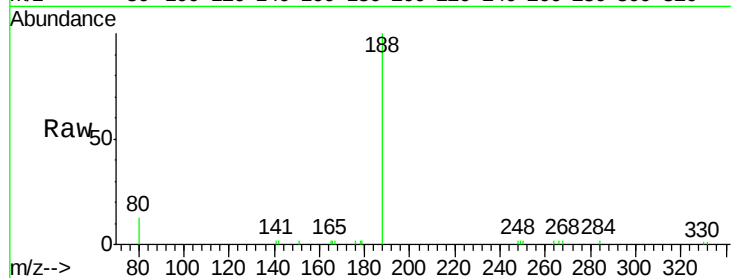
Tgt Ion:188 Resp: 4127

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

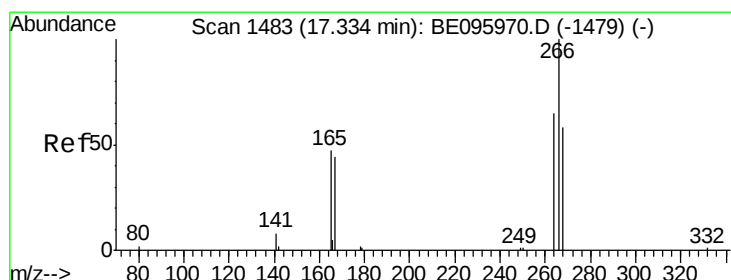
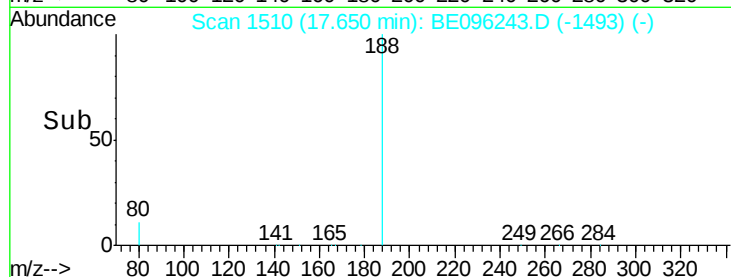
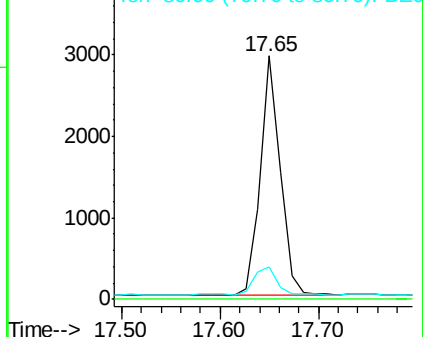
80 13.2 3.6 5.4#



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: 0.140 ng

RT: 17.32 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BE096243.D

Acq: 1 May 2018 3:57

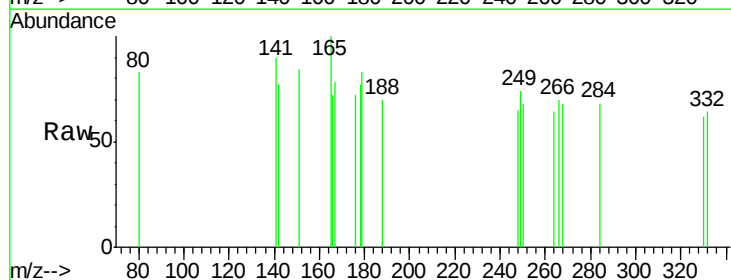
Tgt Ion:266 Resp: 5

Ion Ratio Lower Upper

266 100

264 91.7 72.5 108.7

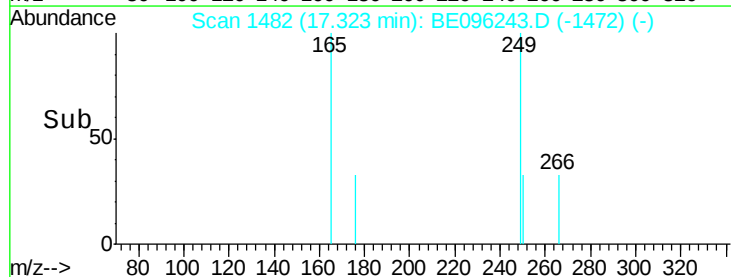
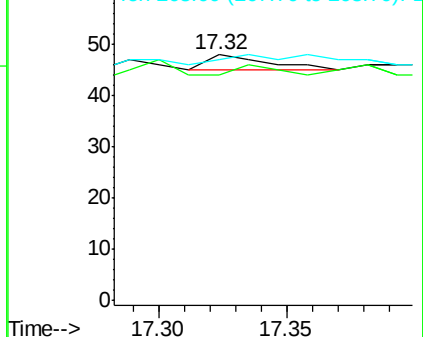
268 97.9 73.8 110.6

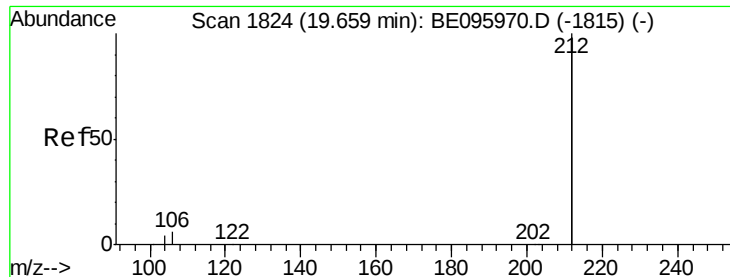


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

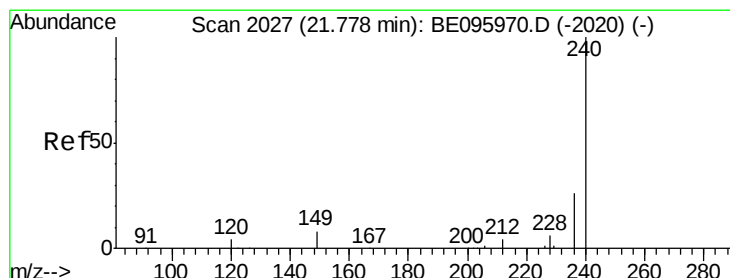
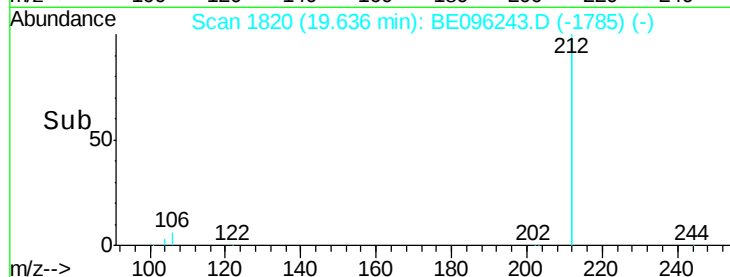
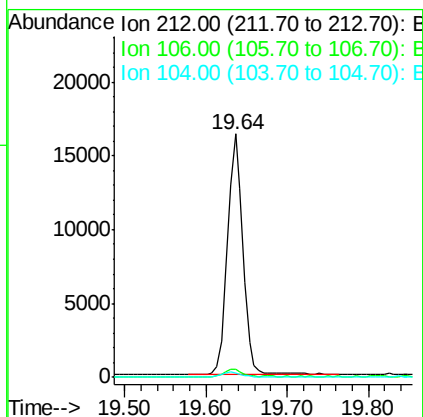
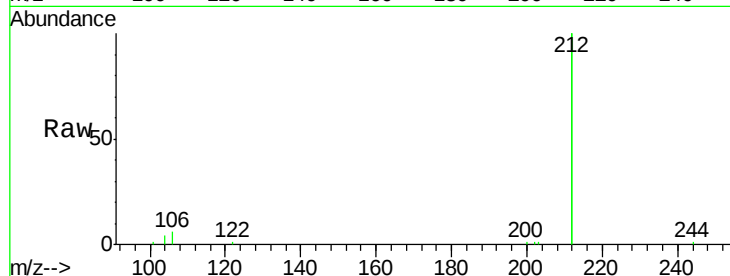




#25
 Fluoranthene-d10
 Concen: 0.378 ng
 RT: 19.64 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BE096243.D
 Acq: 1 May 2018 3:57

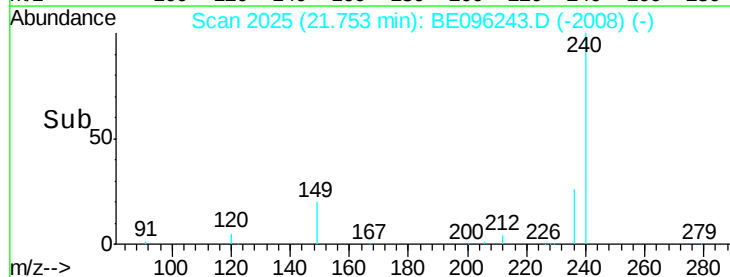
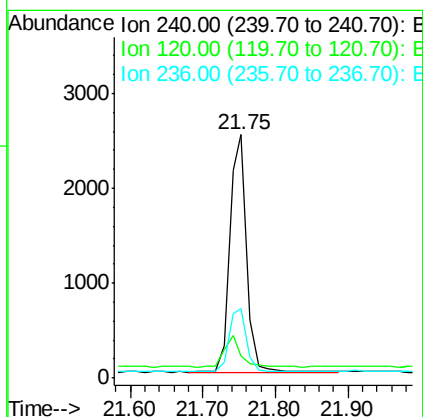
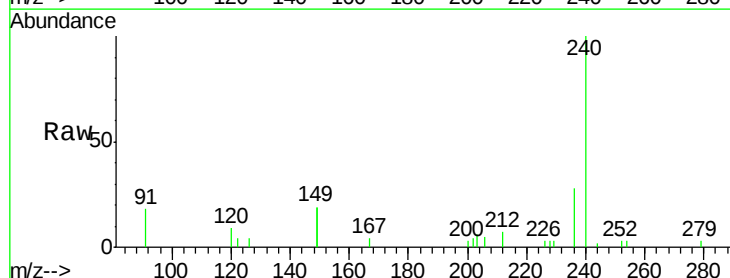
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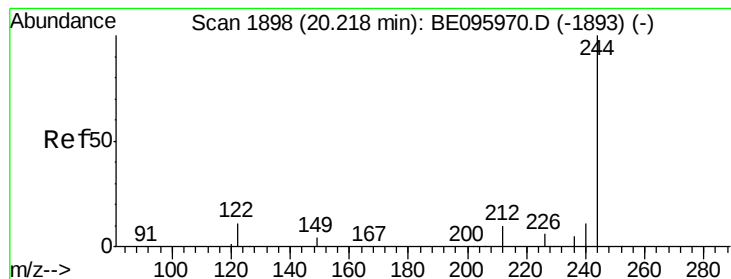
Tgt Ion: 212 Resp: 21206
 Ion Ratio Lower Upper
 212 100
 106 3.0 2.8 4.2
 104 1.9 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.75 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BE096243.D
 Acq: 1 May 2018 3:57

Tgt Ion: 240 Resp: 4073
 Ion Ratio Lower Upper
 240 100
 120 9.2 5.5 8.3#
 236 28.5 20.7 31.1





#29

Terphenyl-d14

Concen: 0.416 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096243.D

Acq: 1 May 2018 3:57

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW313S-20180425

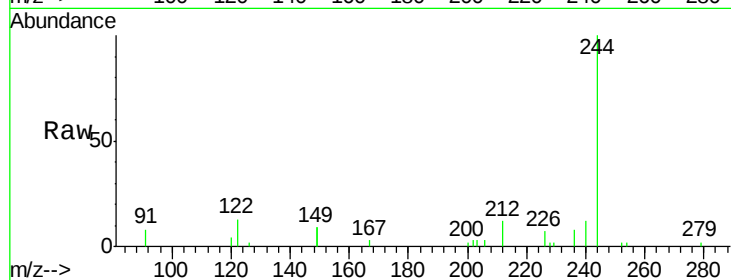
Tgt Ion:244 Resp: 3745

Ion Ratio Lower Upper

244 100

212 12.0 25.4 38.0#

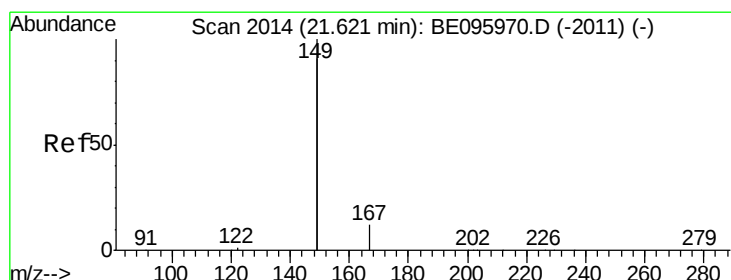
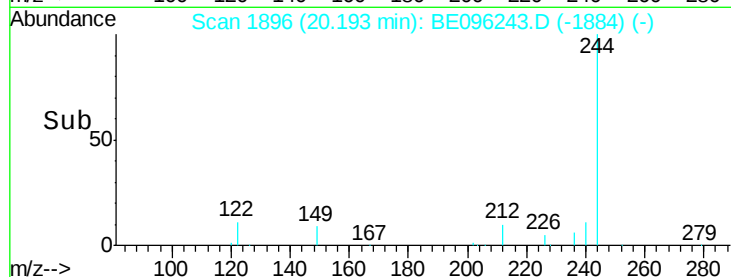
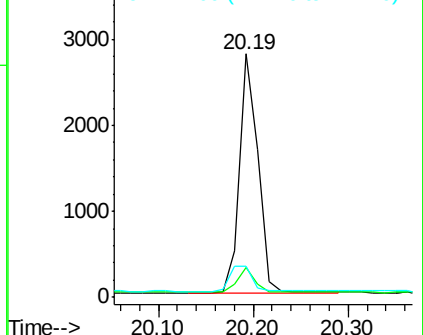
122 12.9 8.1 12.1#



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: 0.065 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096243.D

Acq: 1 May 2018 3:57

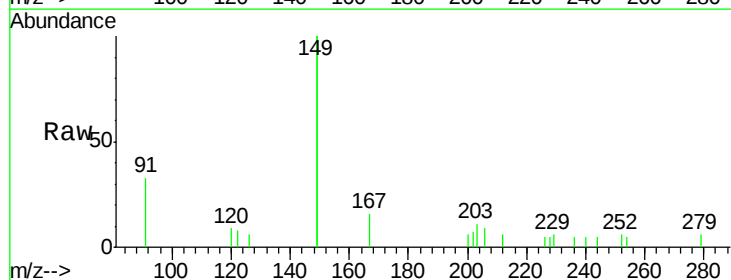
Tgt Ion:149 Resp: 2204

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

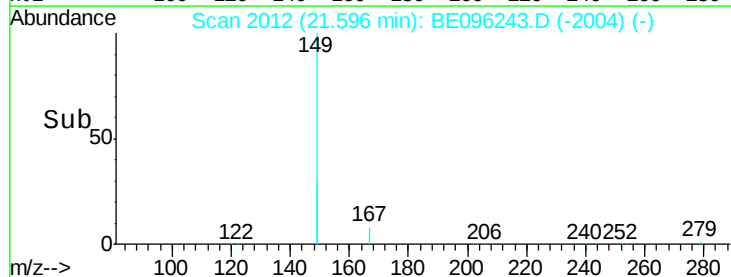
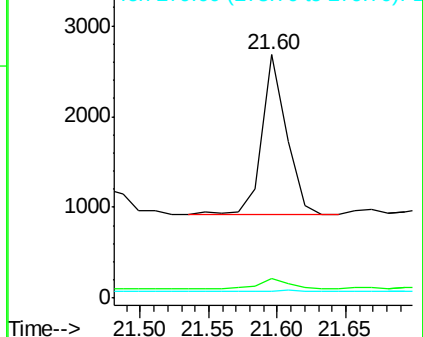
279 1.5 0.7 1.1#

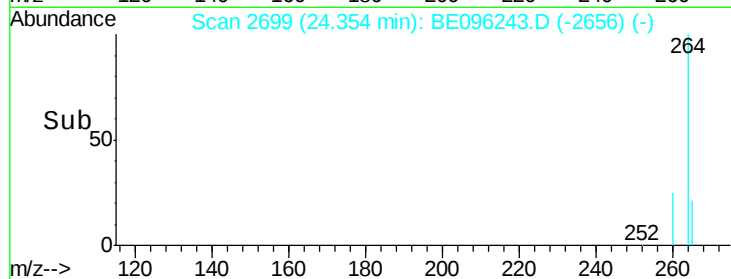
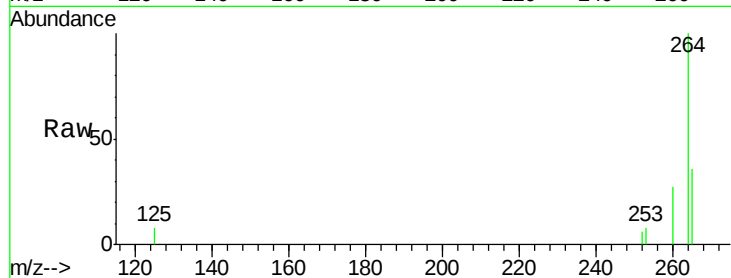
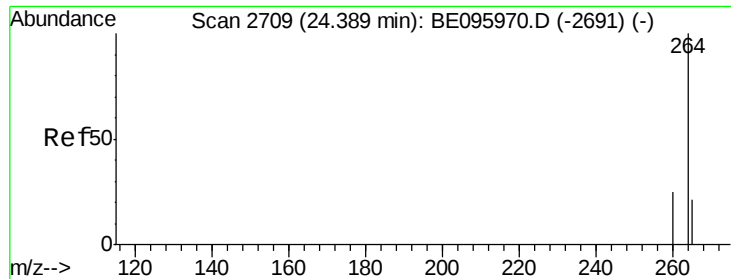


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.35 min Scan# 2699

Delta R.T. 0.00 min

Lab File: BE096243.D

Acq: 1 May 2018 3:57

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW313S-20180425

Tgt Ion: 264 Resp: 3876

Ion Ratio Lower Upper

264 100

260 27.0 20.5 30.7

265 36.0 22.8 34.2

