

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE121318\
 Data File : BE098429.D
 Acq On : 14 Dec 2018 10:59
 Operator : SJ/JU
 Sample : J6351-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-181210

Quant Time: Dec 14 15:19:50 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

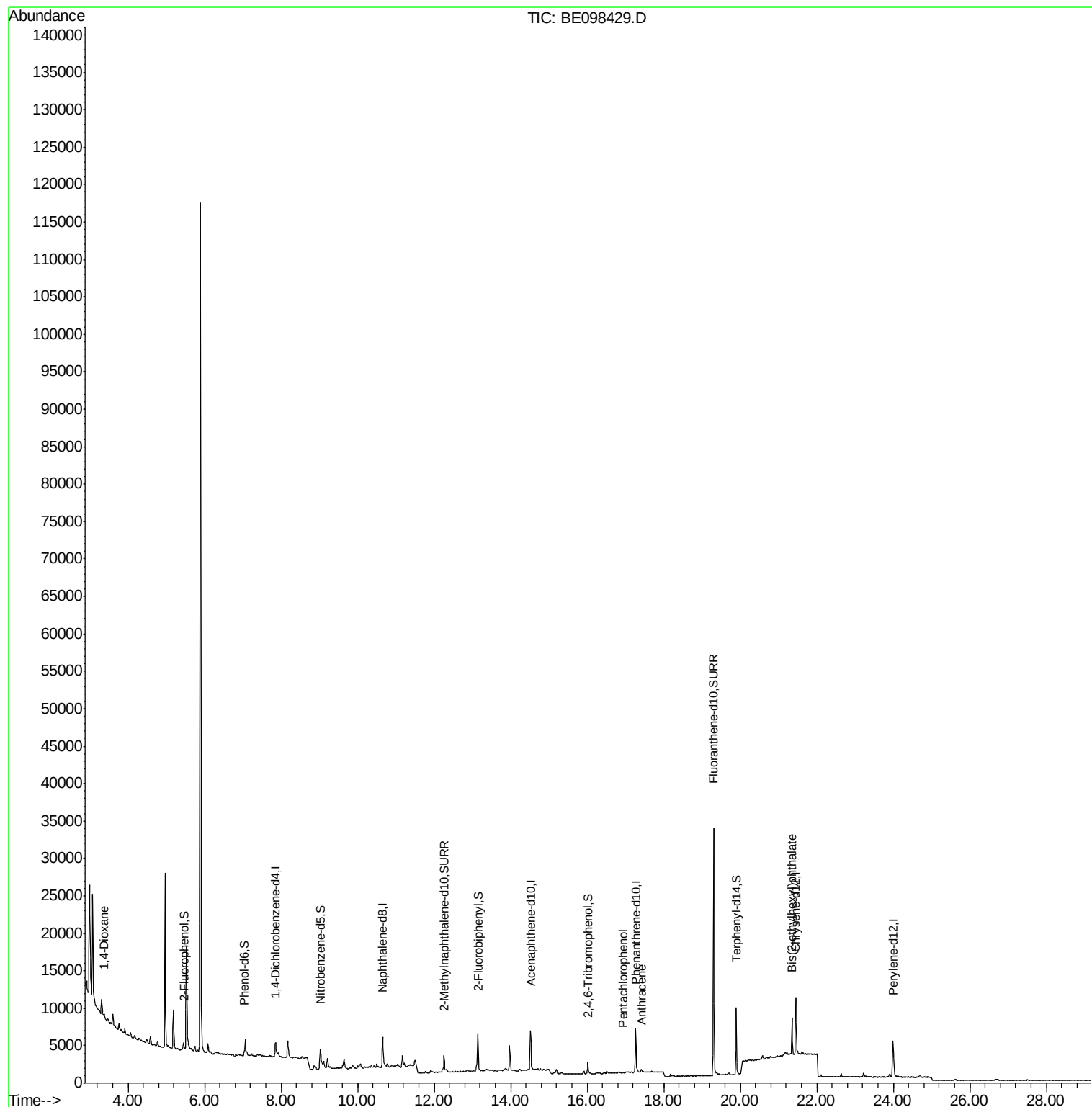
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1227	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	5055	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	3356	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	8449	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	8550	0.40	ng	-0.01
34) Perylene-d12	23.99	264	8270	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	793	0.28	ng	0.00
5) Phenol-d6	7.03	99	540	0.13	ng	-0.01
8) Nitrobenzene-d5	9.03	82	1892	0.41	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	3522	0.43	ng	-0.01
14) 2,4,6-Tribromophenol	16.01	330	989	0.80	ng	-0.01
15) 2-Fluorobiphenyl	13.15	172	6366	0.45	ng	0.00
25) Fluoranthene-d10	19.30	212	46598	0.43	ng	-0.01
29) Terphenyl-d14	19.89	244	8351	0.40	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	178	0.084	ng	# 1
22) Pentachlorophenol	16.94	266	51	0.084	ng	# 82
24) Anthracene	17.41	178	600	0.033	ng	# 88
32) Bis(2-ethylhexyl)phthalate	21.36	149	5452	0.110	ng	99

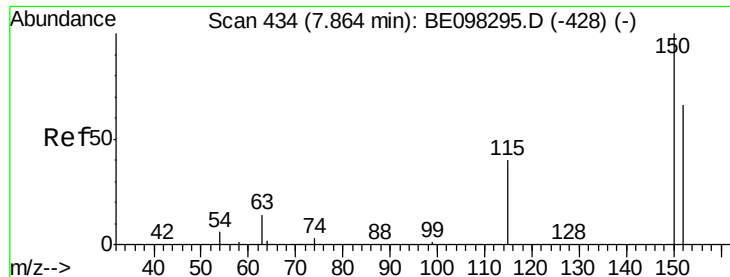
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098429.D

Acq: 14 Dec 2018 10:59

Instrument :

BNA_E

ClientSampleId :

KY038PS027-181210

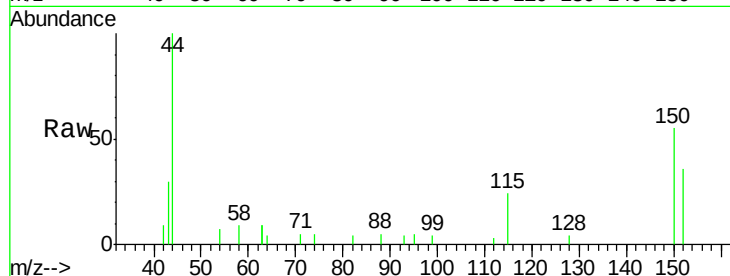
Tgt Ion:152 Resp: 1227

Ion Ratio Lower Upper

152 100

150 154.4 124.2 186.4

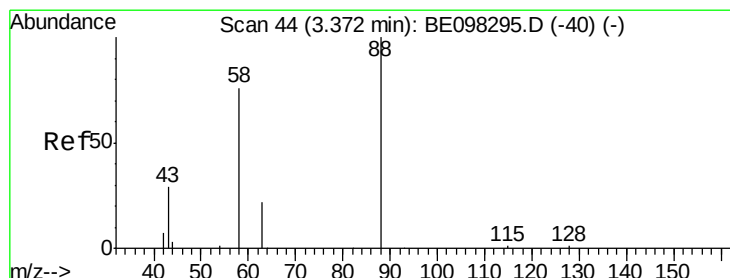
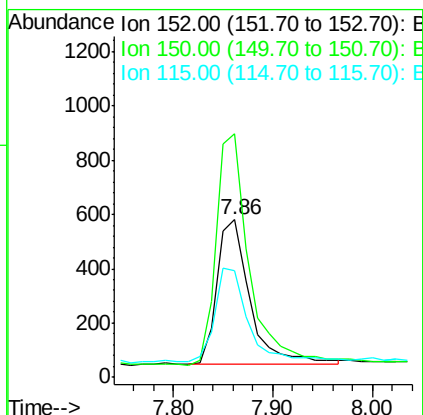
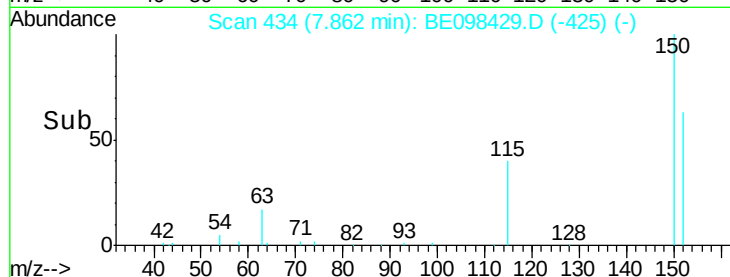
115 67.8 53.9 80.9



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: 0.084 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098429.D

Acq: 14 Dec 2018 10:59

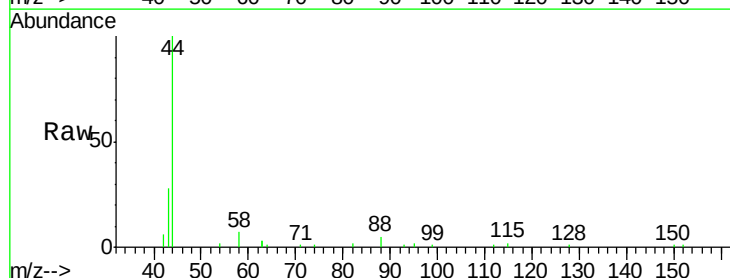
Tgt Ion: 88 Resp: 178

Ion Ratio Lower Upper

88 100

58 181.5 75.0 112.6#

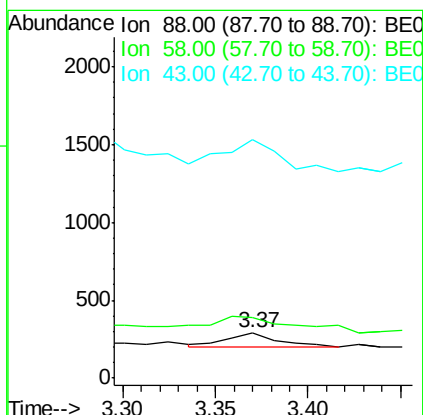
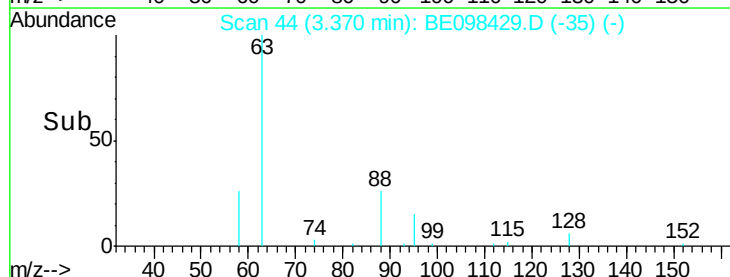
43 239.3 38.3 57.5#

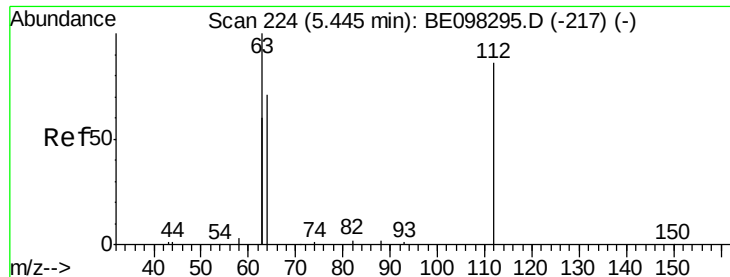


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.276 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098429.D

Acq: 14 Dec 2018 10:59

Instrument :

BNA_E

ClientSampleId :

KY038PS027-181210

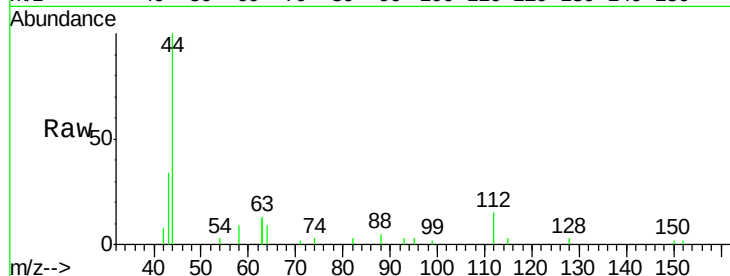
Tgt Ion: 112 Resp: 793

Ion Ratio Lower Upper

112 100

64 63.3 59.8 89.8

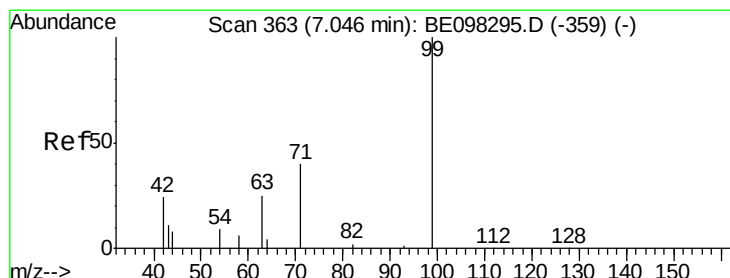
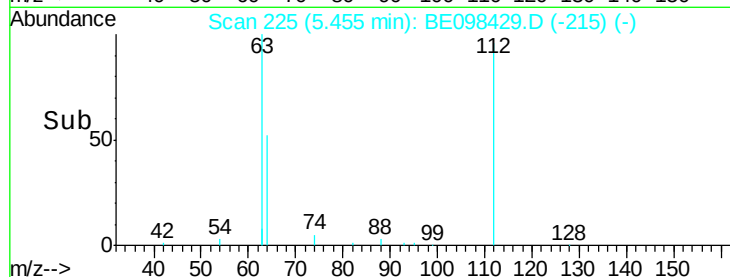
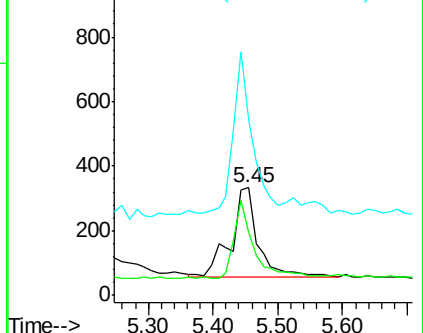
63 124.1 133.7 200.5#



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

Phenol-d6

Concen: 0.133 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098429.D

Acq: 14 Dec 2018 10:59

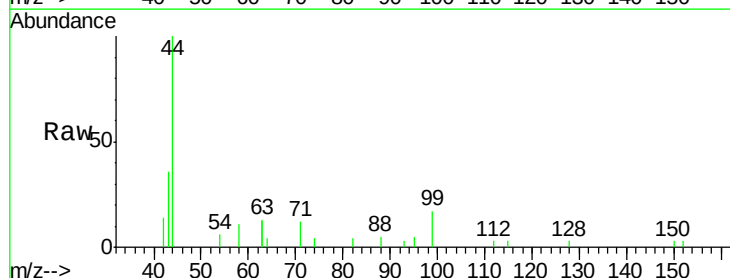
Tgt Ion: 99 Resp: 540

Ion Ratio Lower Upper

99 100

42 68.5 26.3 39.5#

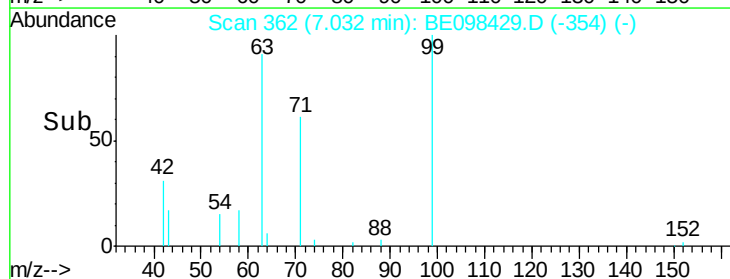
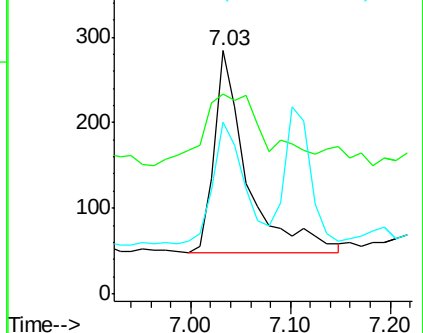
71 57.8 33.6 50.4#

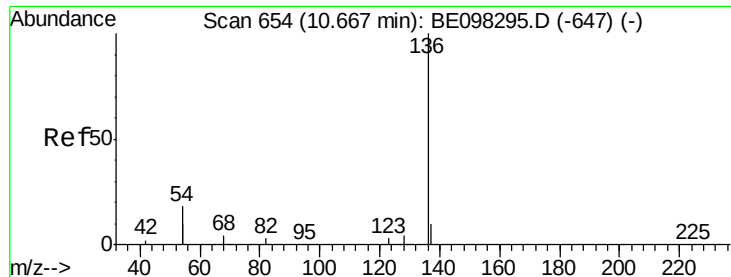


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098429.D

Acq: 14 Dec 2018 10:59

Instrument :

BNA_E

ClientSampleId :

KY038PS027-181210

Tgt Ion: 136 Resp: 5055

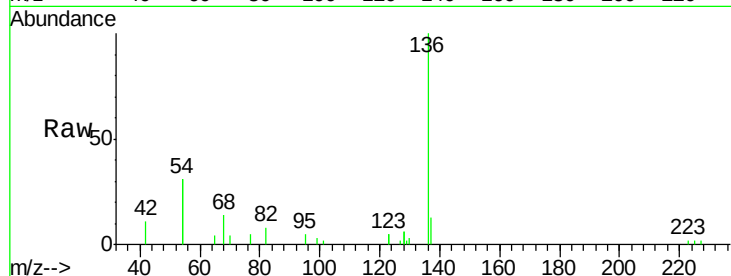
Ion Ratio Lower Upper

136 100

137 13.1 9.2 13.8

54 62.3 28.4 42.6#

68 14.0 5.4 8.0#

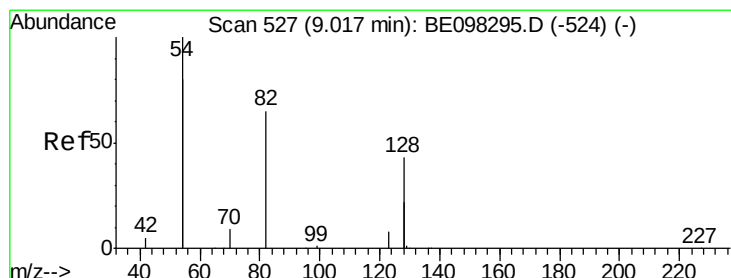
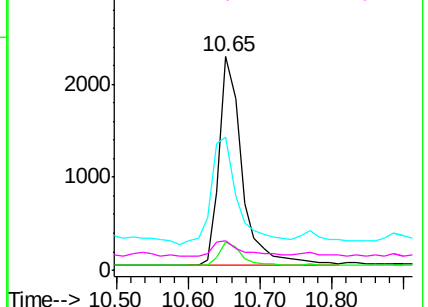
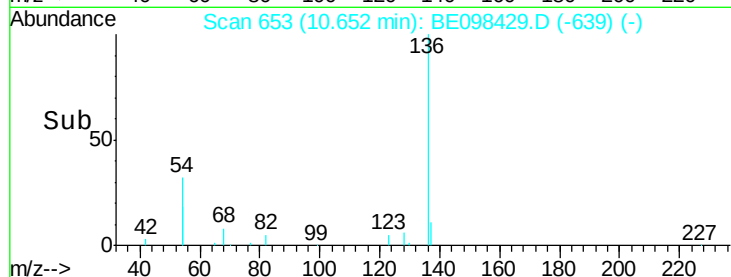


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.411 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098429.D

Acq: 14 Dec 2018 10:59

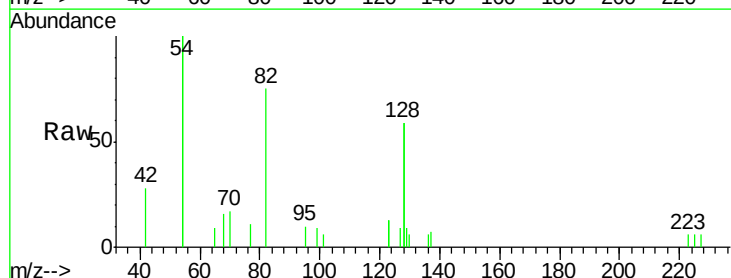
Tgt Ion: 82 Resp: 1892

Ion Ratio Lower Upper

82 100

128 155.8 102.4 153.6#

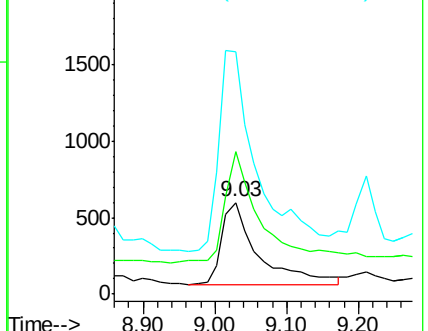
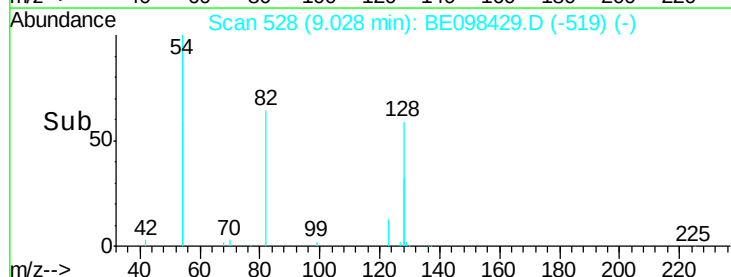
54 265.7 221.8 332.8

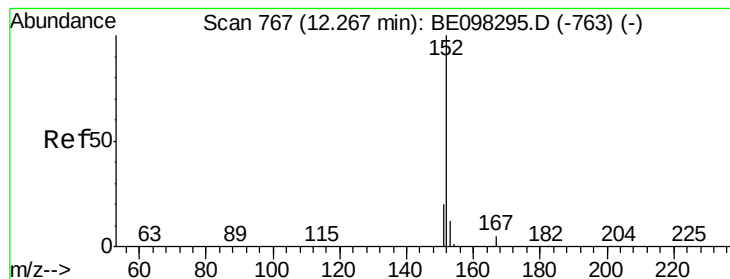


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.428 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.01 min

Lab File: BE098429.D

Acq: 14 Dec 2018 10:59

Instrument :

BNA_E

ClientSampleId :

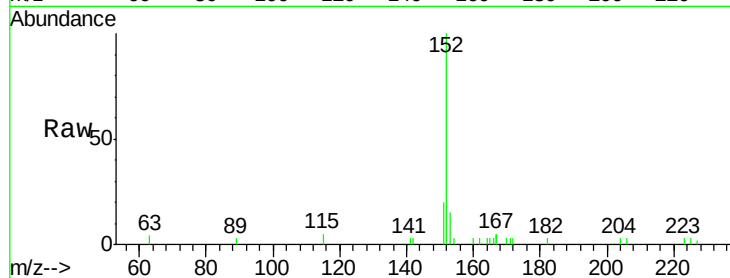
KY038PS027-181210

Tgt Ion:152 Resp: 3522

Ion Ratio Lower Upper

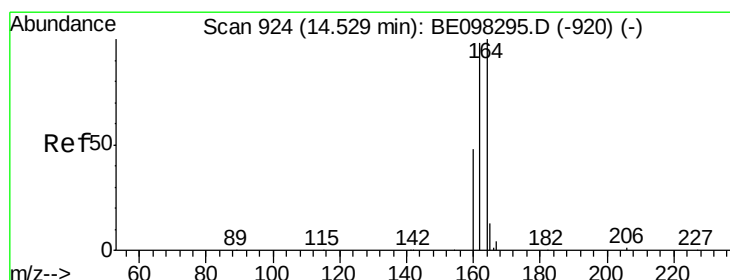
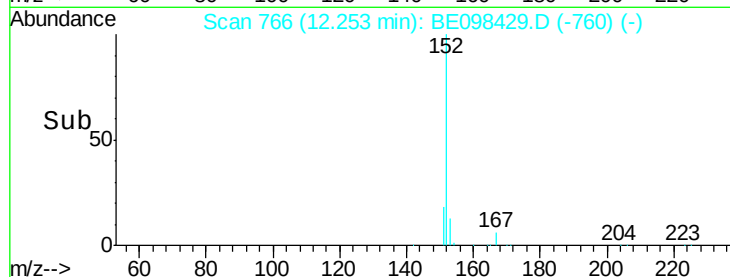
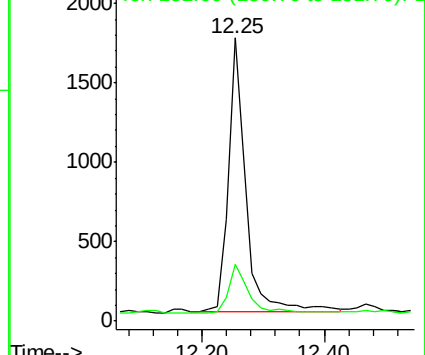
152 100

151 20.5 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: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098429.D

Acq: 14 Dec 2018 10:59

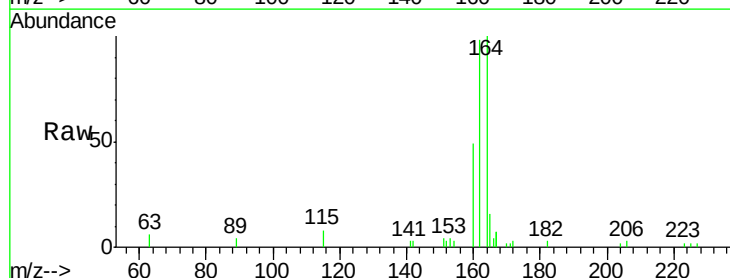
Tgt Ion:164 Resp: 3356

Ion Ratio Lower Upper

164 100

162 98.2 77.6 116.4

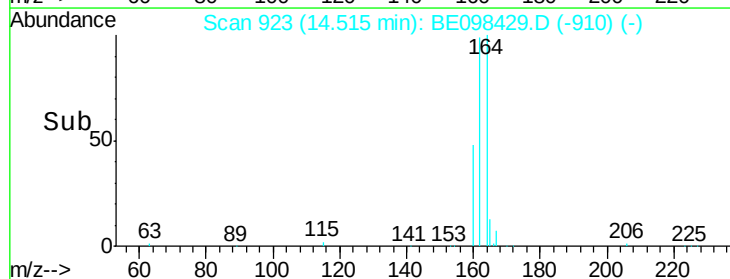
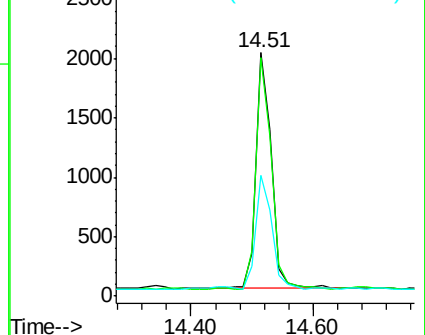
160 49.3 36.0 54.0

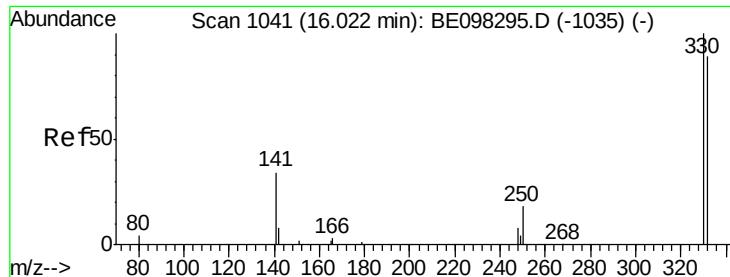


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

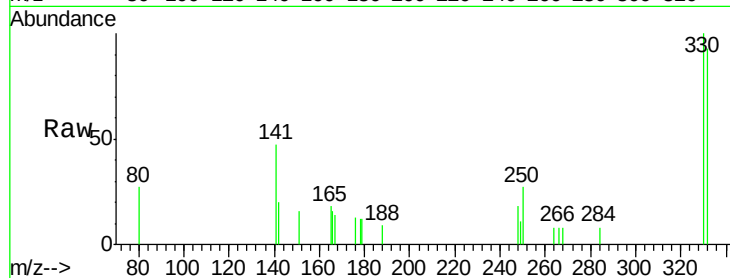




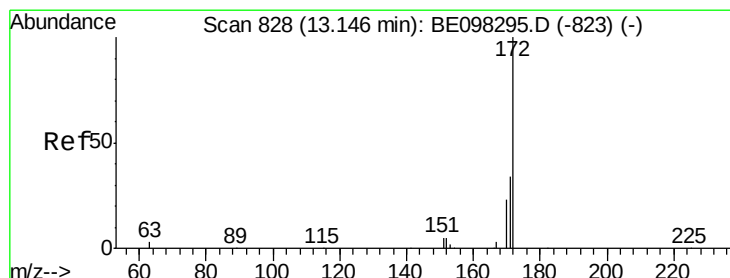
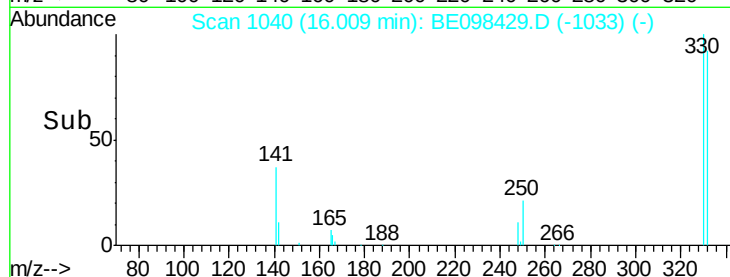
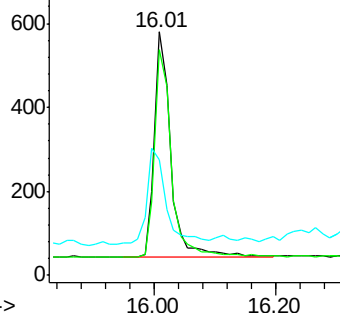
#14
 2,4,6-Tribromophenol
 Concen: 0.803 ng
 RT: 16.01 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BE098429.D
 Acq: 14 Dec 2018 10:59

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-181210

Tgt Ion: 330 Resp: 989
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.2 114.4
 141 49.5 39.0 58.4

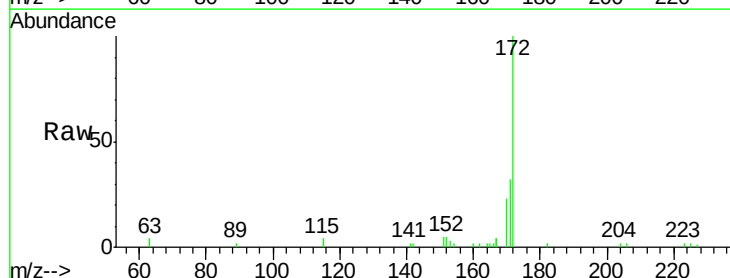


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

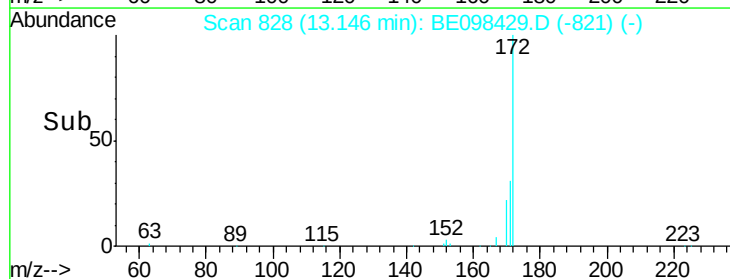
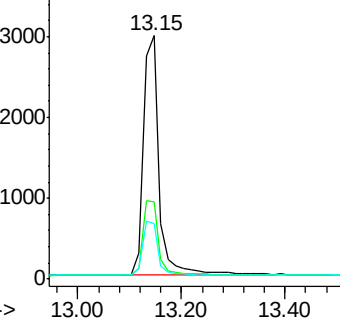


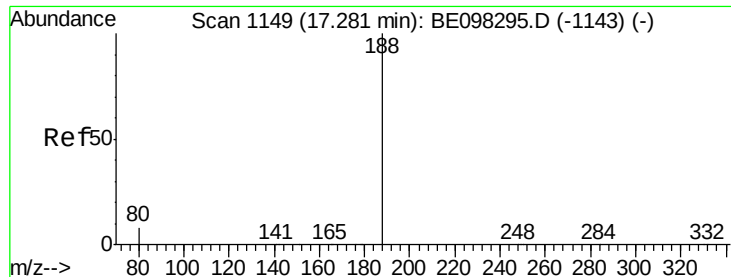
#15
 2-Fluorobiphenyl
 Concen: 0.450 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098429.D
 Acq: 14 Dec 2018 10:59

Tgt Ion: 172 Resp: 6366
 Ion Ratio Lower Upper
 172 100
 171 31.9 27.5 41.3
 170 22.7 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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098429.D

Acq: 14 Dec 2018 10:59

Instrument :

BNA_E

ClientSampleId :

KY038PS027-181210

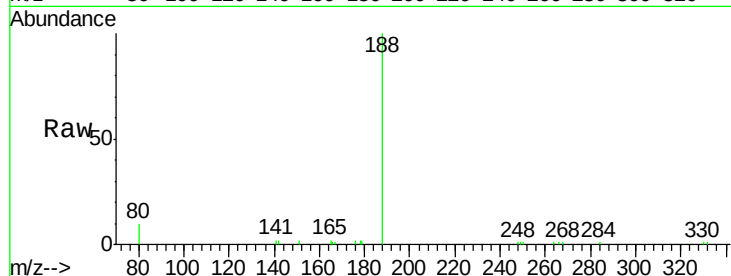
Tgt Ion:188 Resp: 8449

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

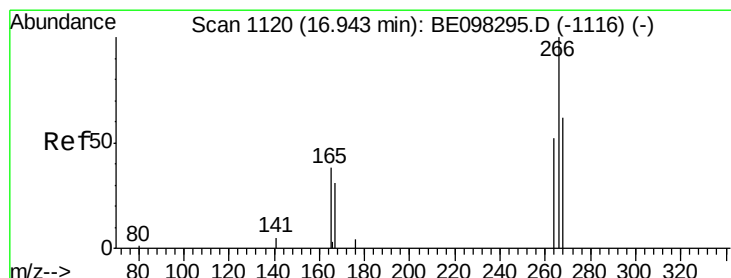
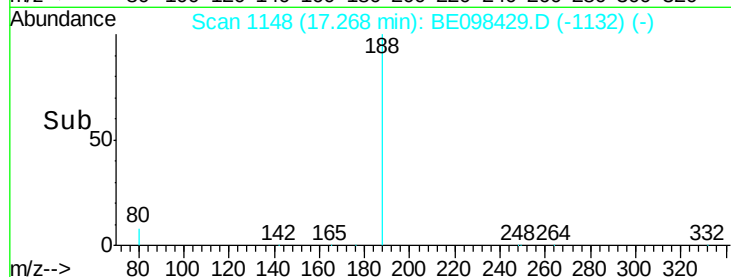
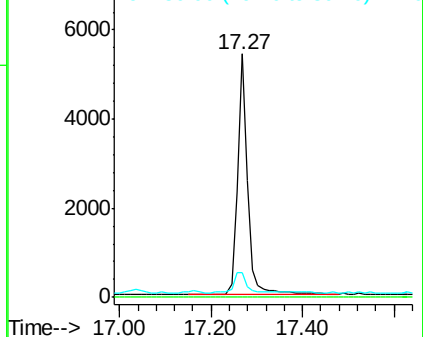
80 10.1 7.2 10.8



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: 0.084 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098429.D

Acq: 14 Dec 2018 10:59

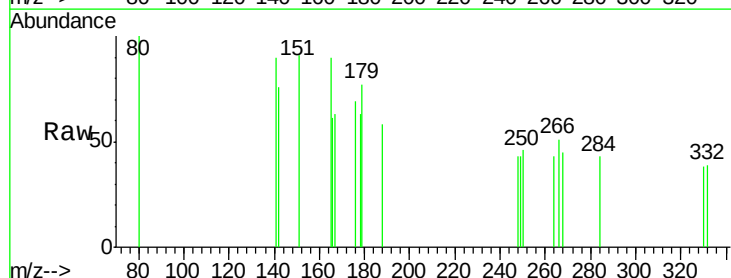
Tgt Ion:266 Resp: 51

Ion Ratio Lower Upper

266 100

264 84.7 59.0 88.4

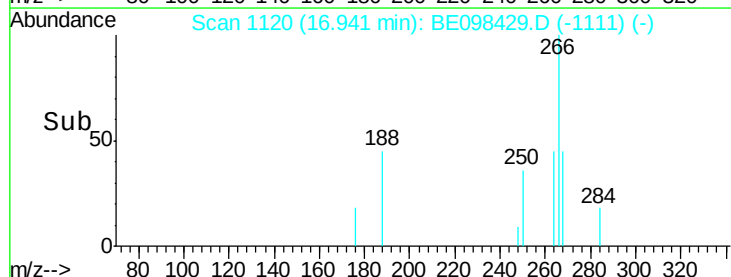
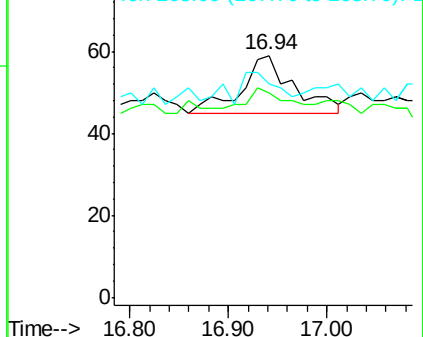
268 88.1 55.1 82.7#

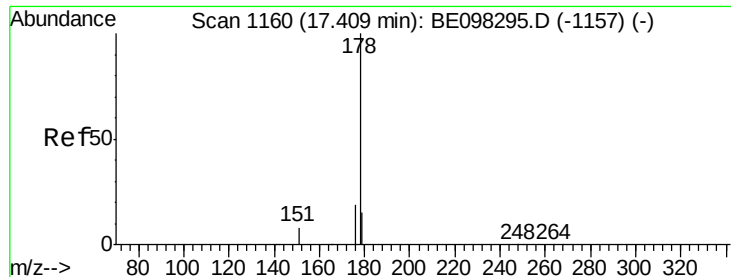


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#24

Anthracene

Concen: 0.033 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

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KY038PS027-181210

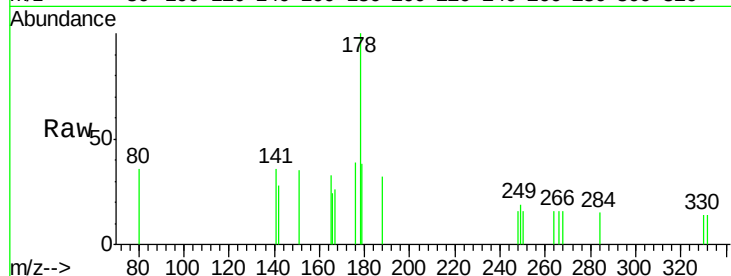
Tgt Ion:178 Resp: 600

Ion Ratio Lower Upper

178 100

176 14.2 15.0 22.4#

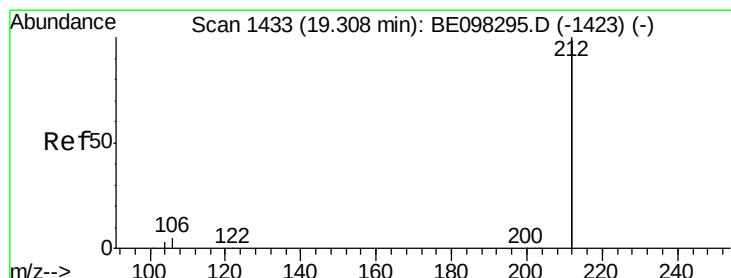
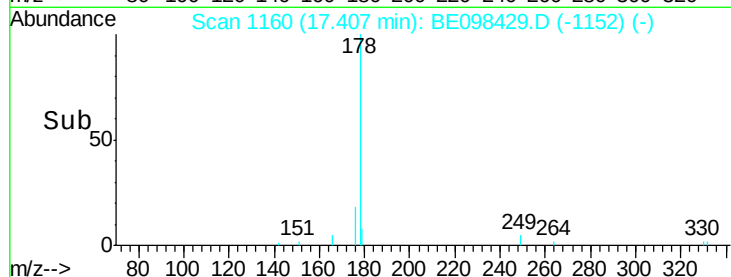
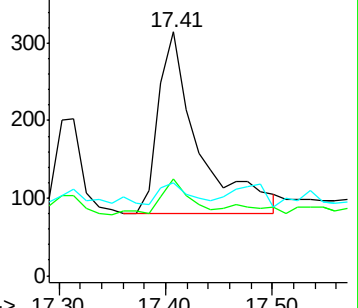
179 9.2 12.3 18.5#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.430 ng

RT: 19.30 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE098429.D

Acq: 14 Dec 2018 10:59

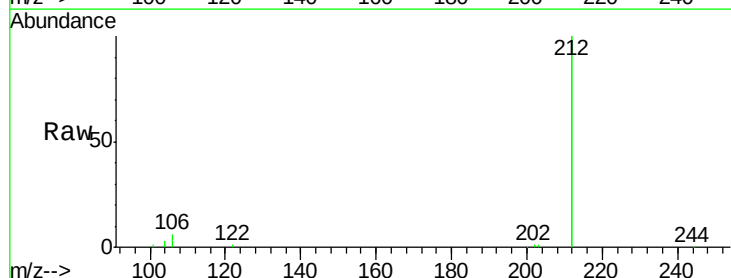
Tgt Ion:212 Resp: 46598

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

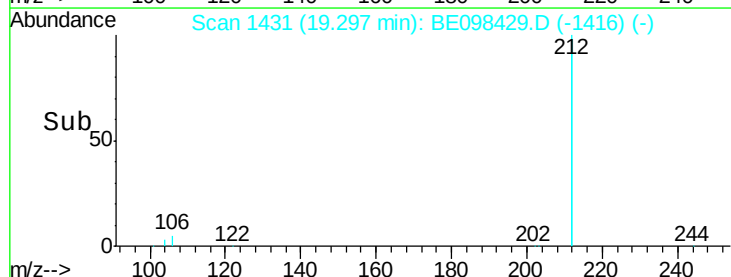
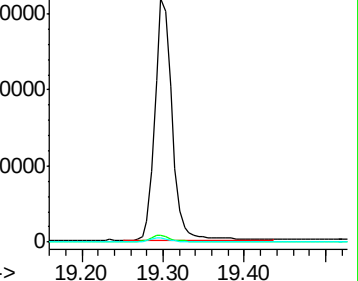
104 1.5 1.3 1.9

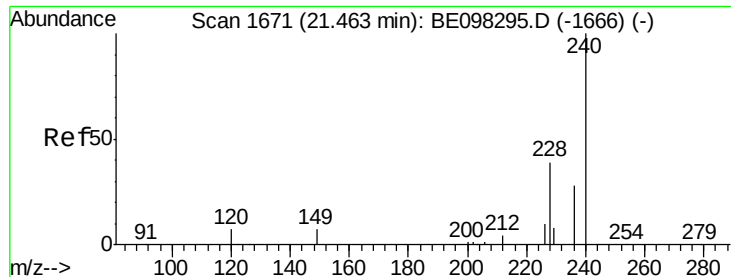


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098429.D

Acq: 14 Dec 2018 10:59

Instrument :

BNA_E

ClientSampleId :

KY038PS027-181210

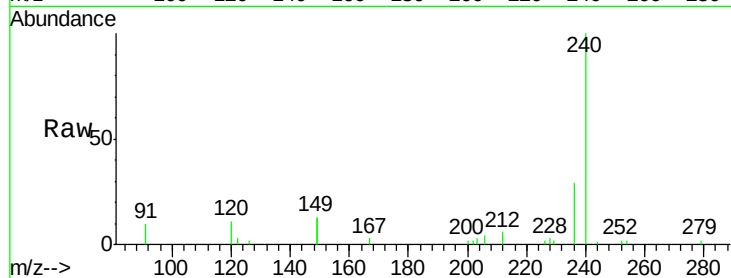
Tgt Ion:240 Resp: 8550

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

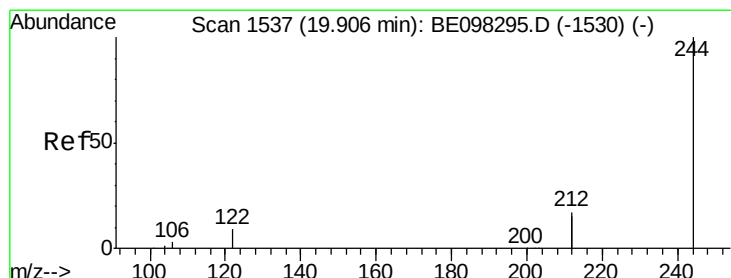
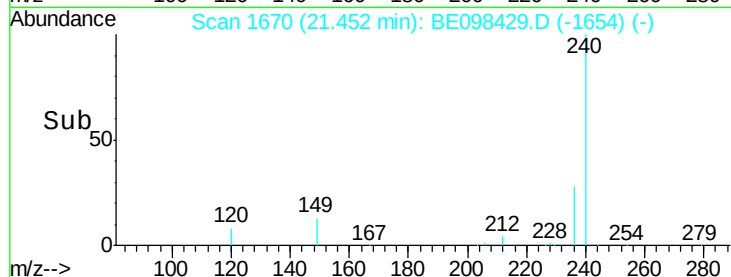
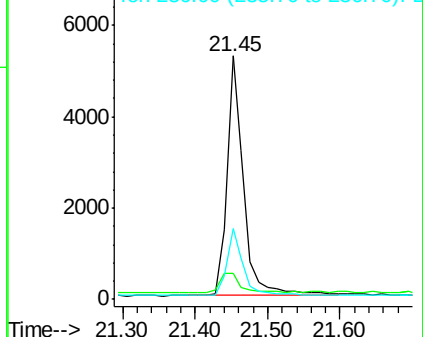
236 29.3 22.7 34.1



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: 0.402 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098429.D

Acq: 14 Dec 2018 10:59

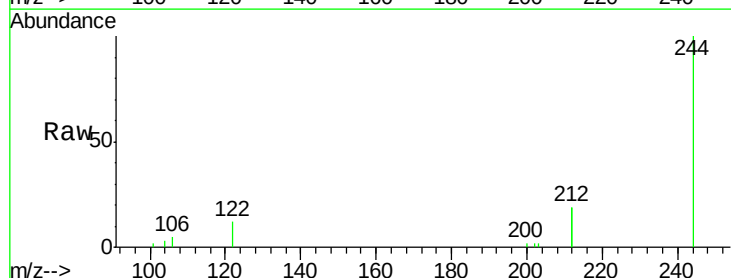
Tgt Ion:244 Resp: 8351

Ion Ratio Lower Upper

244 100

212 37.2 27.4 41.0

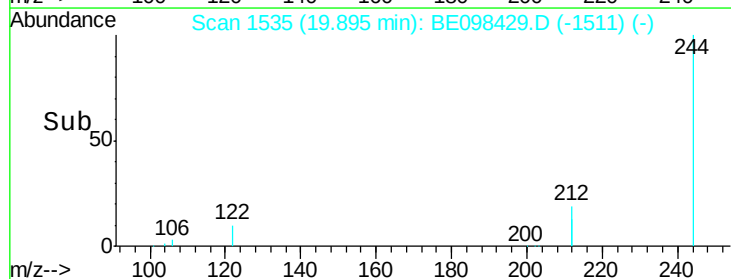
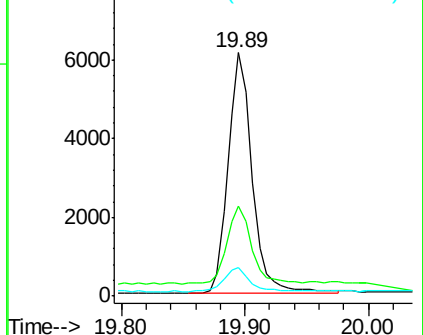
122 11.6 8.3 12.5

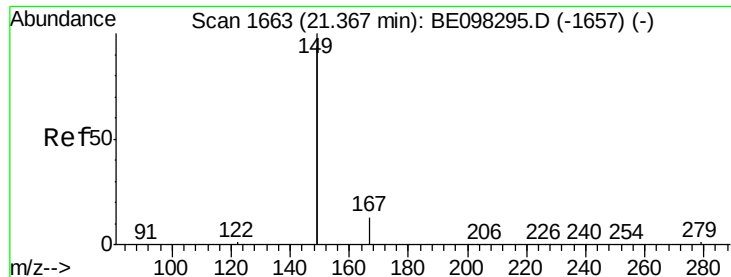


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.110 ng

RT: 21.36 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098429.D

Acq: 14 Dec 2018 10:59

Instrument :

BNA_E

ClientSampleId :

KY038PS027-181210

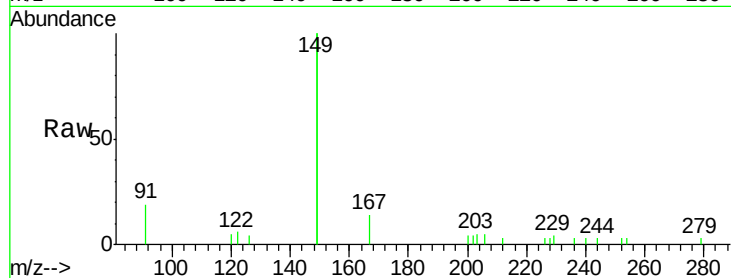
Tgt Ion:149 Resp: 5452

Ion Ratio Lower Upper

149 100

167 6.7 5.7 8.5

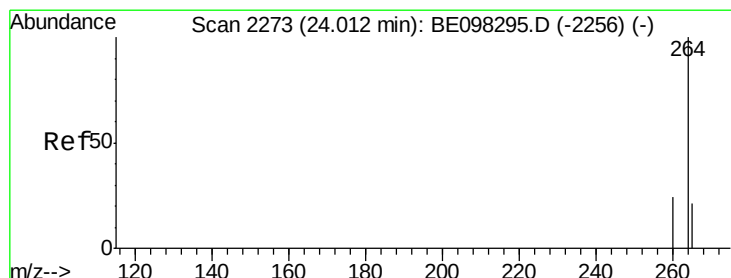
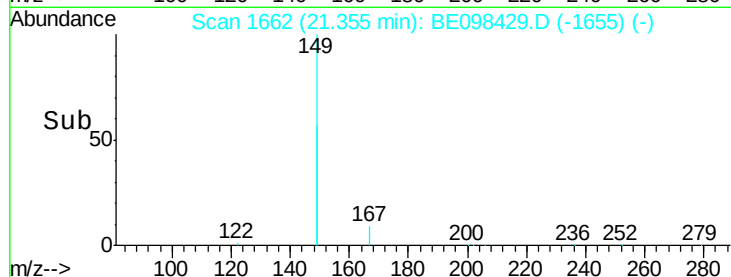
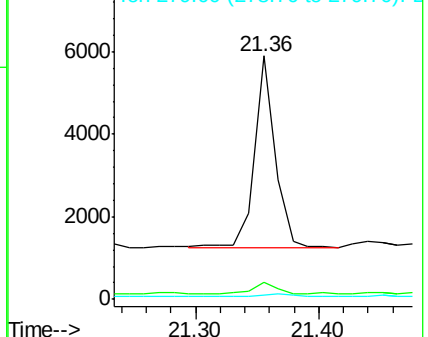
279 1.2 1.0 1.4



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: 23.99 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BE098429.D

Acq: 14 Dec 2018 10:59

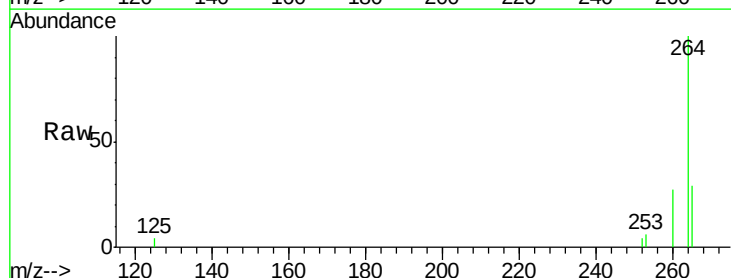
Tgt Ion:264 Resp: 8270

Ion Ratio Lower Upper

264 100

260 26.7 20.2 30.2

265 28.9 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

