

Data File : BE096610.D
Acq On : 17 May 2018 15:22
Operator : SJ/JU
Sample : J2923-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LOQ-NPW-Precision-Bias-1

Quant Time: May 18 05:14:12 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 15 13:02:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	625	0.40	ng	0.00
7) Naphthalene-d8	11.18	136	2603	0.40	ng	0.00
13) Acenaphthene-d10	14.92	164	1543	0.40	ng	0.00
19) Phenanthrene-d10	17.64	188	3559	0.40	ng	0.00
27) Chrysene-d12	21.74	240	3311	0.40	ng	0.01
34) Perylene-d12	24.33	264	2967	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.86	112	602	0.35	ng	0.00
5) Phenol-d6	7.50	99	810	0.33	ng	0.00
8) Nitrobenzene-d5	9.53	82	942	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.72	152	1578	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.40	330	157	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.56	172	2421	0.37	ng	0.00
25) Fluoranthene-d10	19.62	212	15868	0.36	ng	0.00
29) Terphenyl-d14	20.18	244	2548	0.34	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	87	0.09	ng	# 85
3) n-Nitrosodimethylamine	3.97	42	90	0.08	ng	# 68
6) bis(2-Chloroethyl)ether	7.75	93	224	0.10	ng	# 85
9) Naphthalene	11.22	128	2566	0.09	ng	# 92
10) Hexachlorobutadiene	11.49	225	105	0.07	ng	# 81
12) 2-Methylnaphthalene	12.79	142	420	0.09	ng	# 89
16) Acenaphthylene	14.66	152	681	0.08	ng	# 95
17) Acenaphthene	14.99	154	458	0.09	ng	# 94
18) Fluorene	15.96	166	554	0.09	ng	# 80
20) 4-Bromophenyl-phenylether	16.82	248	189	0.09	ng	# 76
21) Hexachlorobenzene	16.95	284	203	0.09	ng	# 82
22) Pentachlorophenol	17.32	266	10	0.20	ng	# 92
23) Phenanthrene	17.67	178	876	0.09	ng	# 98
24) Anthracene	17.77	178	759	0.08	ng	# 94
26) Fluoranthene	19.65	202	1053	0.09	ng	# 96
28) Pyrene	20.00	202	544	0.09	ng	# 98
30) Benzo(a)anthracene	21.72	228	941	0.09	ng	# 93
31) Chrysene	21.78	228	893	0.08	ng	# 87
32) Bis(2-ethylhexyl)phthalate	21.58	149	1870	0.09	ng	# 98
33) Indeno(1,2,3-cd)pyrene	27.11	276	806	0.08	ng	# 78
35) Benzo(b)fluoranthene	23.53	252	835	0.09	ng	# 87
36) Benzo(k)fluoranthene	23.58	252	864	0.09	ng	# 69
37) Benzo(a)pyrene	24.22	252	754	0.09	ng	# 64
38) Dibenzo(a,h)anthracene	27.12	278	633	0.08	ng	# 57
39) Benzo(g,h,i)perylene	27.96	276	338	0.04	ng	# 68

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

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BNA_E

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LOQ-NPW-Precision-Bias-1

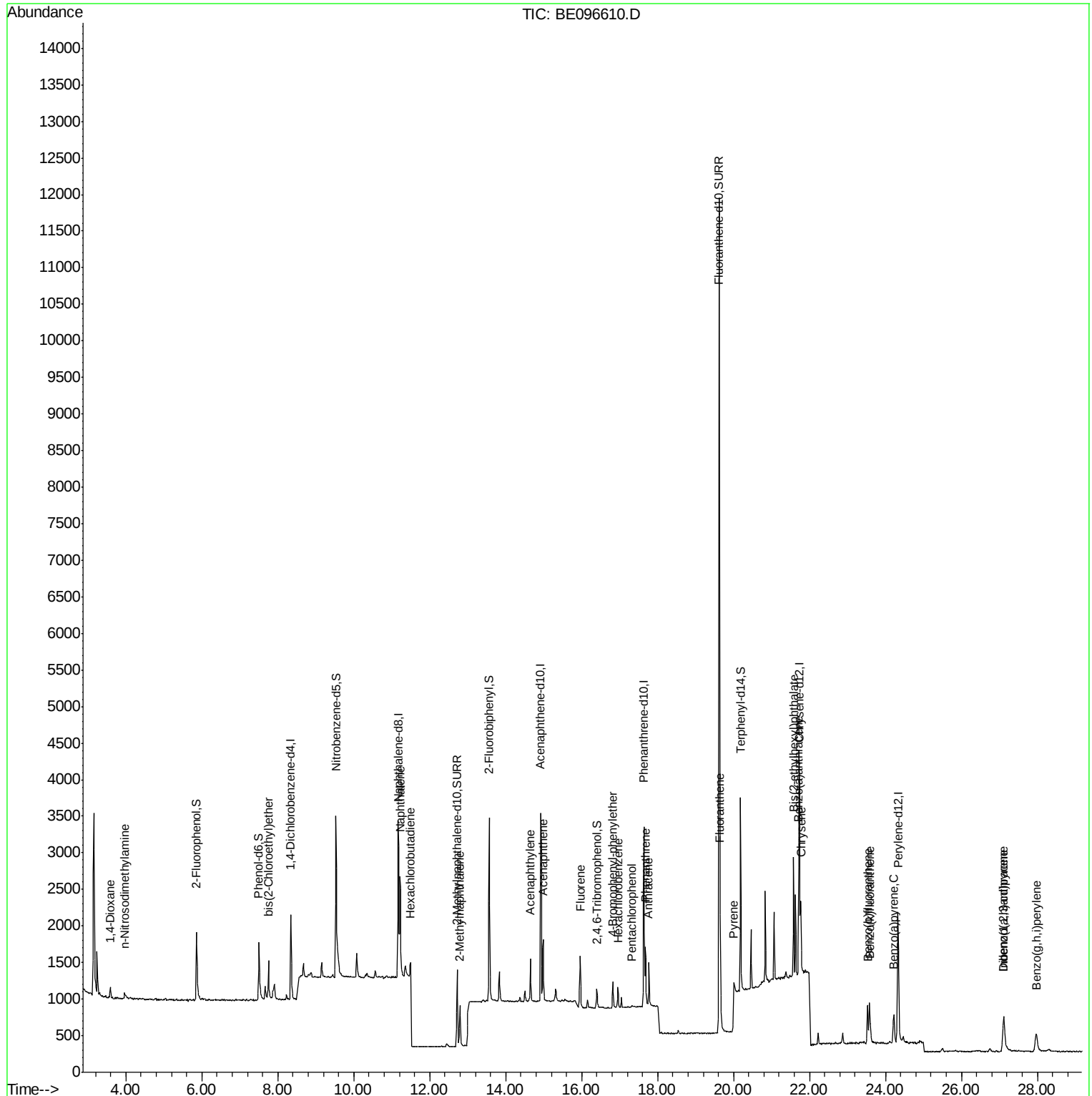
Quant Time: May 18 05:14:12 2018

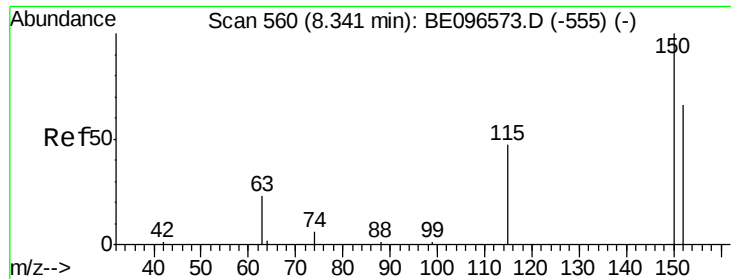
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051518.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue May 15 13:02:03 2018

Response via : Initial Calibration

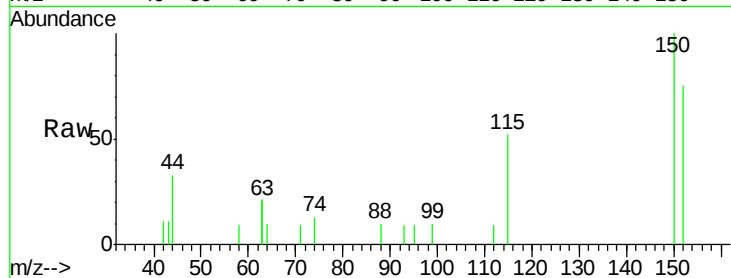




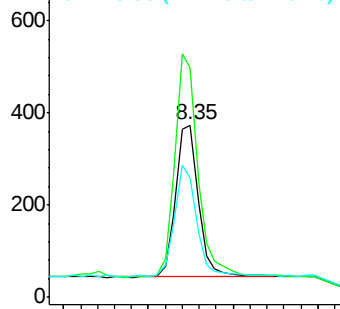
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 8.35 min Scan# 561
 Delta R.T. 0.01 min
 Lab File: BE096610.D
 Acq: 17 May 2018 15:22

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-NPW-Precision-Bias-1

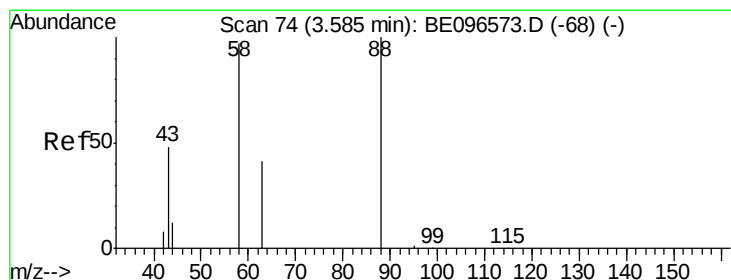
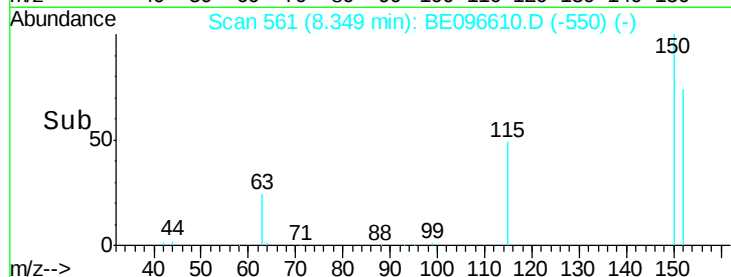
Tgt Ion: 152 Resp: 625
 Ion Ratio Lower Upper
 152 100
 150 133.2 117.2 175.8
 115 69.5 57.0 85.6



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

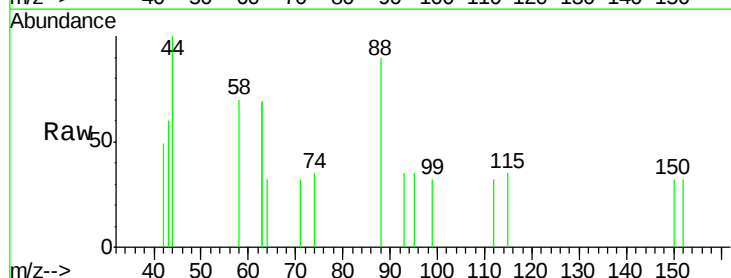


Time--> 8.20 8.30 8.40 8.50

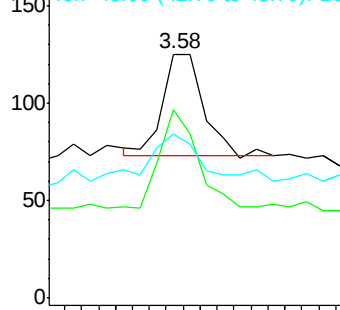


#2
 1,4-Dioxane
 Concen: 0.09 ng
 RT: 3.58 min Scan# 74
 Delta R.T. -0.00 min
 Lab File: BE096610.D
 Acq: 17 May 2018 15:22

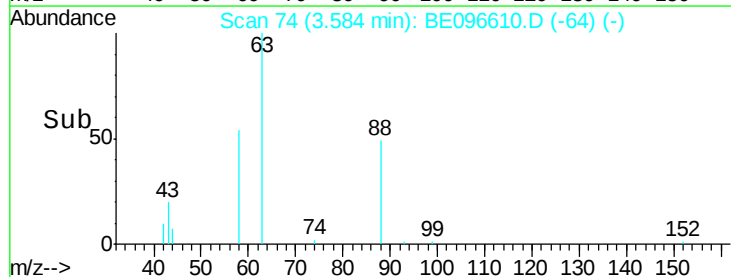
Tgt Ion: 88 Resp: 87
 Ion Ratio Lower Upper
 88 100
 58 90.8 63.2 94.8
 43 64.4 41.2 61.8#



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



Time--> 3.55 3.60 3.65





#3

n-Nitrosodimethylamine

Concen: 0.08 ng

RT: 3.97 min Scan# 113

Delta R.T. 0.02 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

Instrument :

BNA_E

ClientSampleId :

LOQ-NPW-Precision-Bias-1

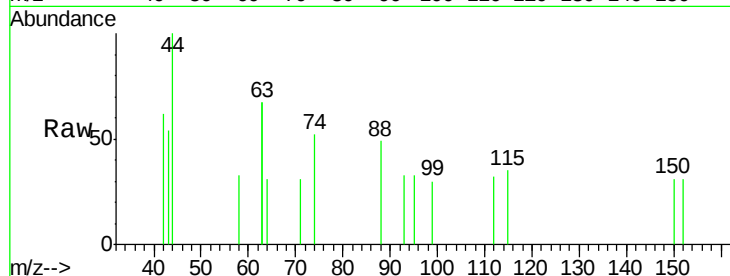
Tgt Ion: 42 Resp: 90

Ion Ratio Lower Upper

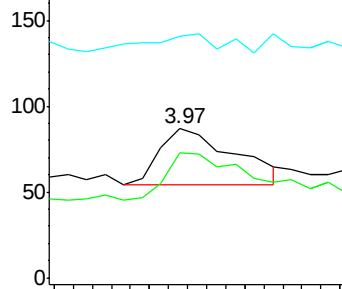
42 100

74 88.9 96.0 144.0#

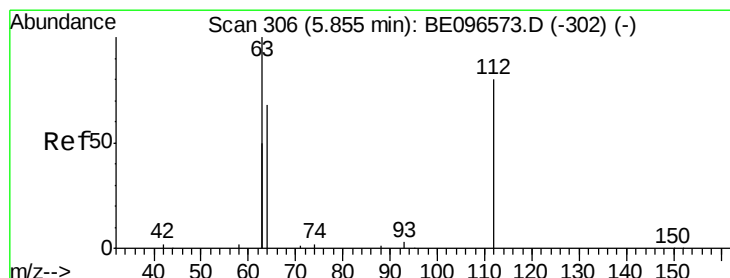
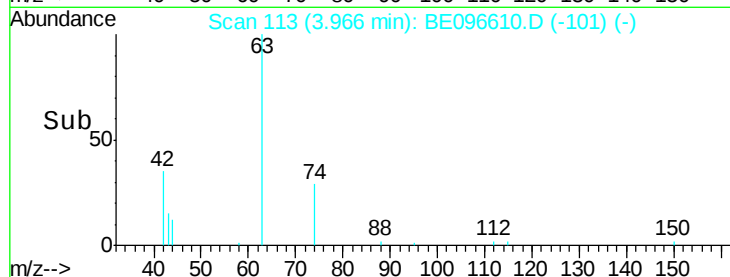
44 42.2 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



Time--> 3.90 3.95 4.00



#4

2-Fluorophenol

Concen: 0.35 ng

RT: 5.86 min Scan# 307

Delta R.T. 0.01 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

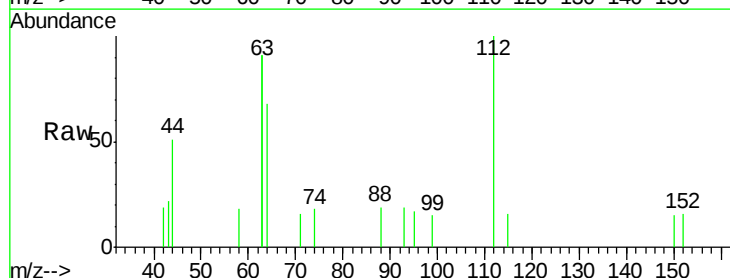
Tgt Ion: 112 Resp: 602

Ion Ratio Lower Upper

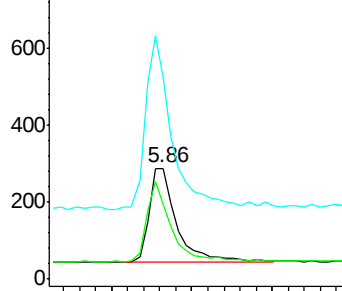
112 100

64 76.9 60.1 90.1

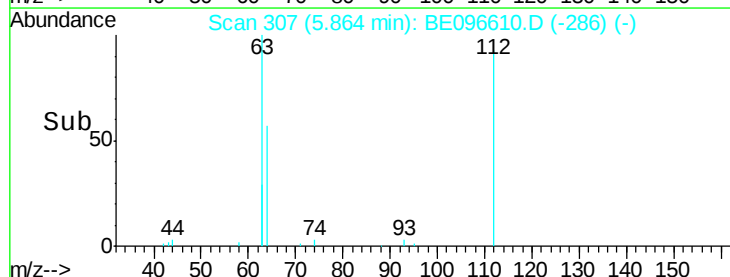
63 169.4 116.8 175.2

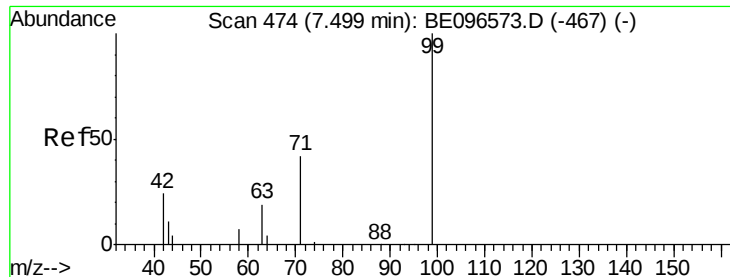


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time--> 5.80 5.90 6.00





#5

Phenol-d6

Concen: 0.33 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.00 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

Instrument :

BNA_E

ClientSampleId :

LOQ-NPW-Precision-Bias-1

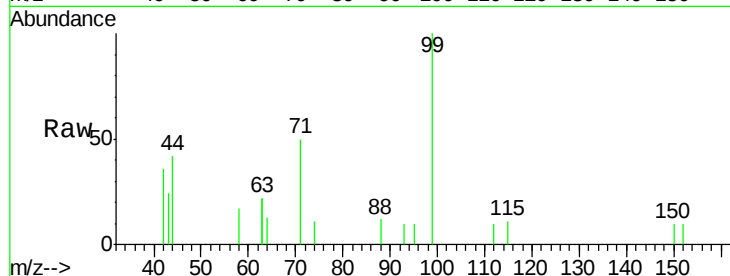
Tgt Ion: 99 Resp: 810

Ion Ratio Lower Upper

99 100

42 27.5 20.2 30.2

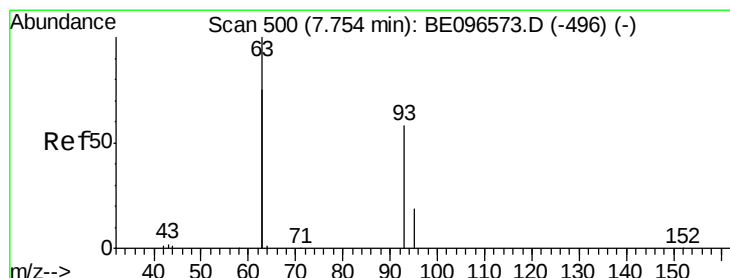
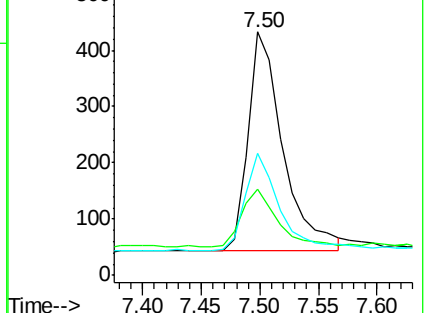
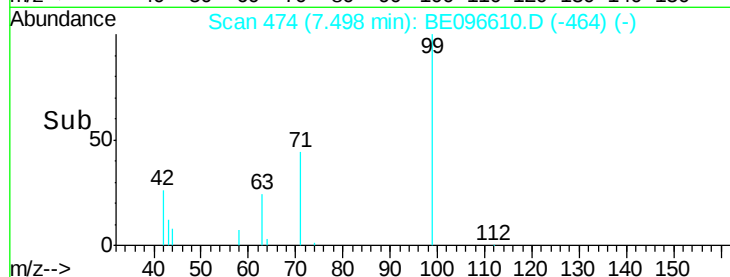
71 42.2 28.4 42.6



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



#6

bis(2-Chloroethyl)ether

Concen: 0.10 ng

RT: 7.75 min Scan# 500

Delta R.T. -0.00 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

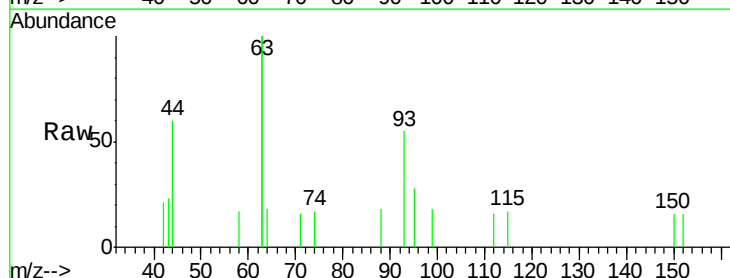
Tgt Ion: 93 Resp: 224

Ion Ratio Lower Upper

93 100

63 309.8 275.3 412.9

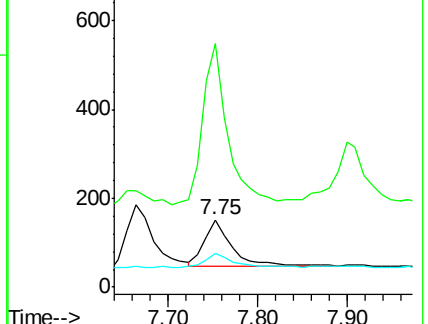
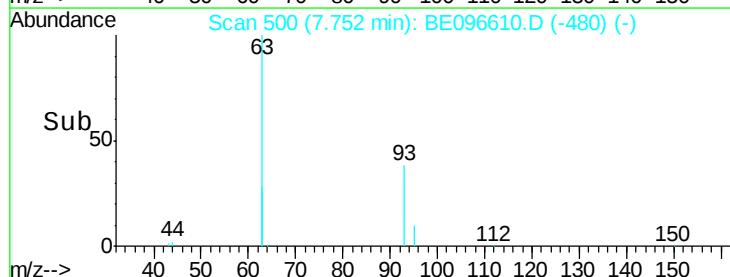
95 30.8 25.2 37.8

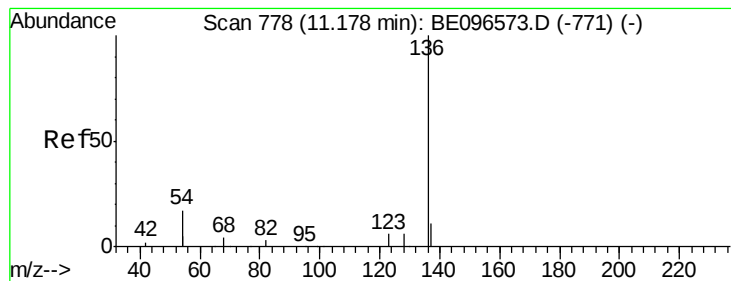


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 11.18 min Scan# 778

Delta R.T. 0.00 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

Instrument :

BNA_E

ClientSampleId :

LOQ-NPW-Precision-Bias-1

Tgt Ion: 136 Resp: 2603

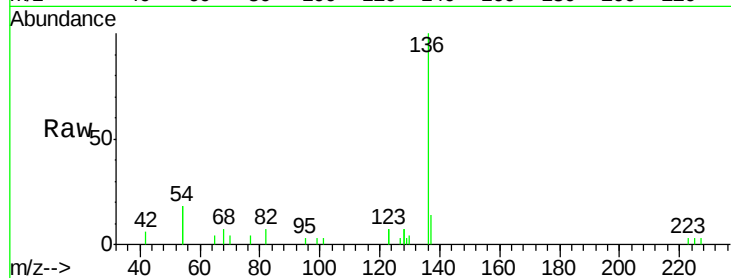
Ion Ratio Lower Upper

136 100

137 14.0 9.5 14.3

54 35.7 29.1 43.7

68 7.2 6.2 9.2

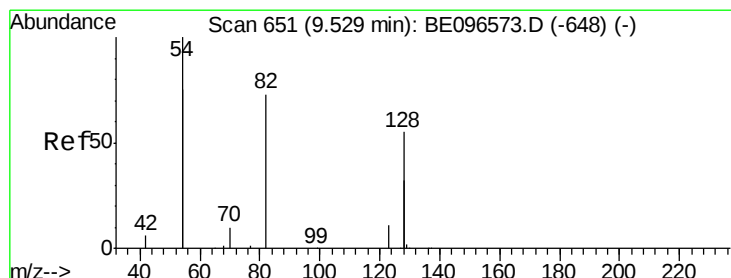
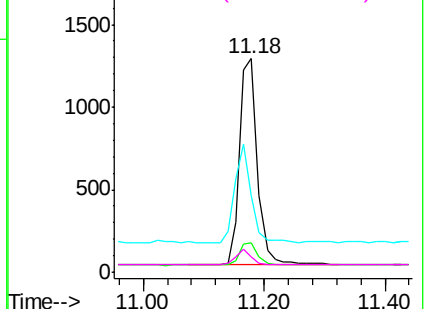
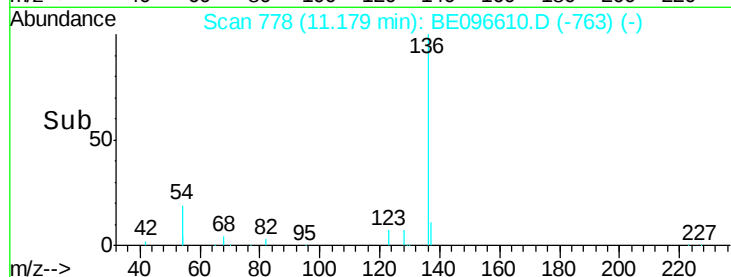


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.34 ng

RT: 9.53 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

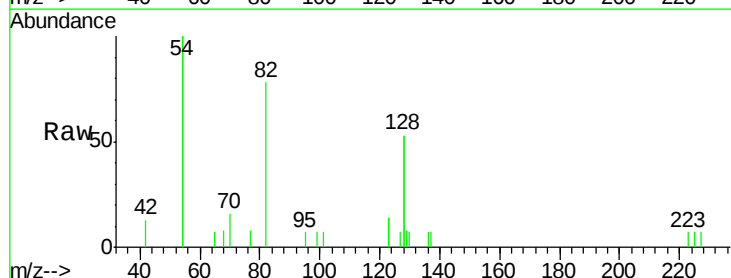
Tgt Ion: 82 Resp: 942

Ion Ratio Lower Upper

82 100

128 135.3 150.0 225.0#

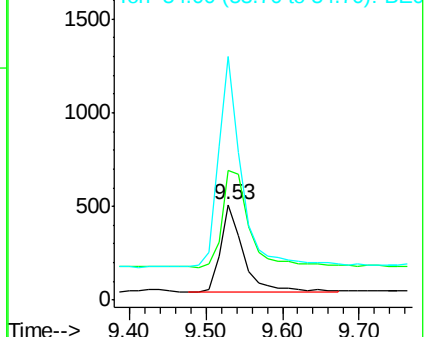
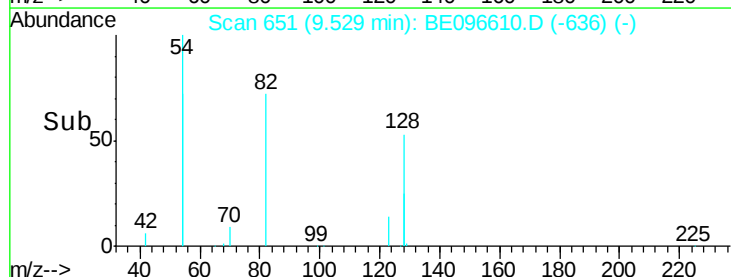
54 254.9 154.2 231.4#

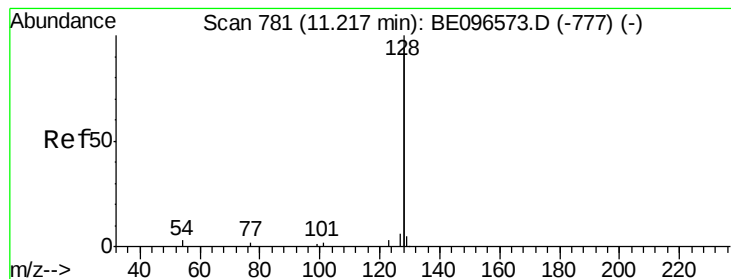


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.09 ng

RT: 11.22 min Scan# 781

Delta R.T. 0.00 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

Instrument :

BNA_E

ClientSampleId :

LOQ-NPW-Precision-Bias-1

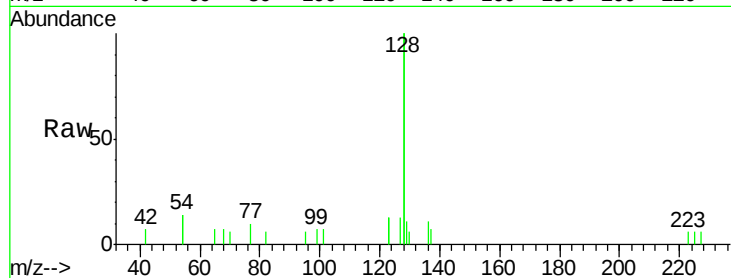
Tgt Ion:128 Resp: 2566

Ion Ratio Lower Upper

128 100

129 5.4 2.6 3.8#

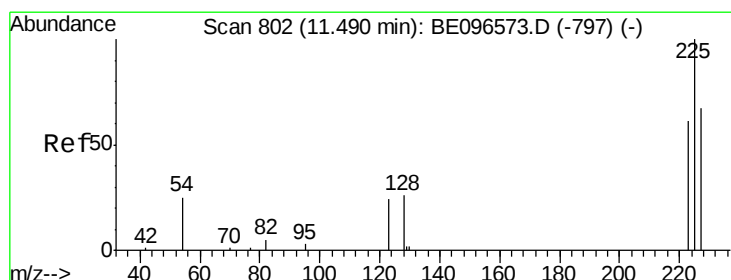
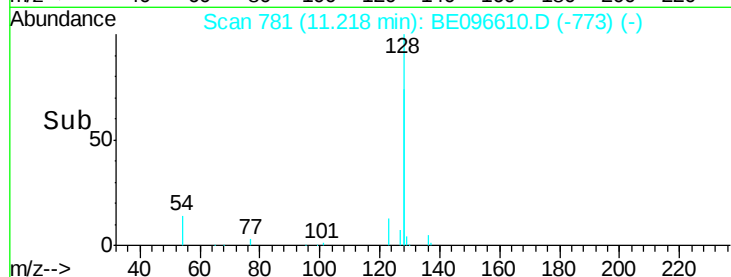
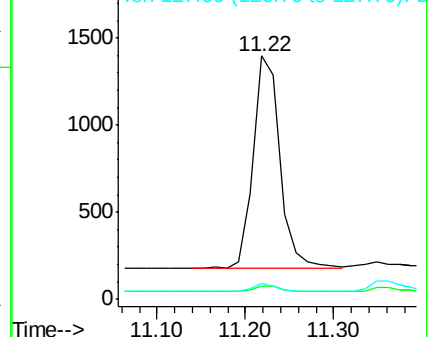
127 6.7 2.8 4.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.07 ng

RT: 11.49 min Scan# 802

Delta R.T. 0.00 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

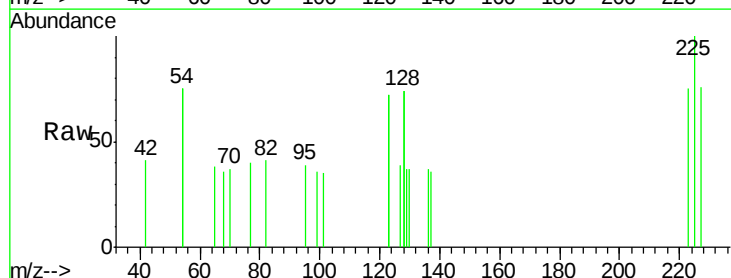
Tgt Ion:225 Resp: 105

Ion Ratio Lower Upper

225 100

223 90.5 53.0 79.6#

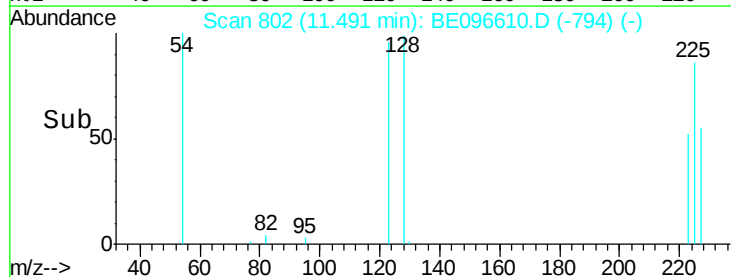
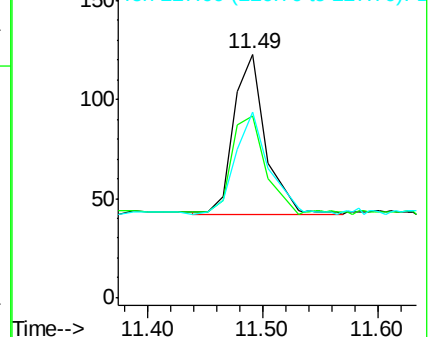
227 69.5 51.4 77.2

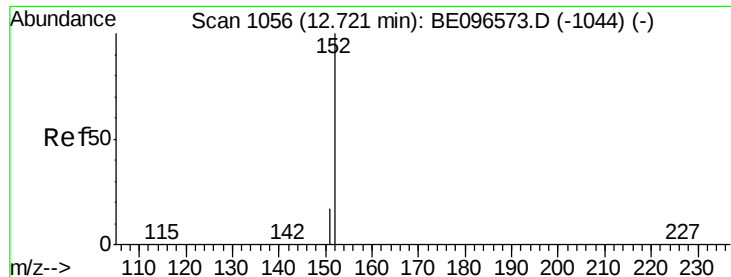


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

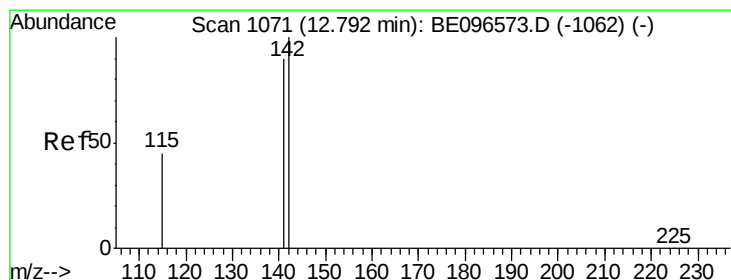
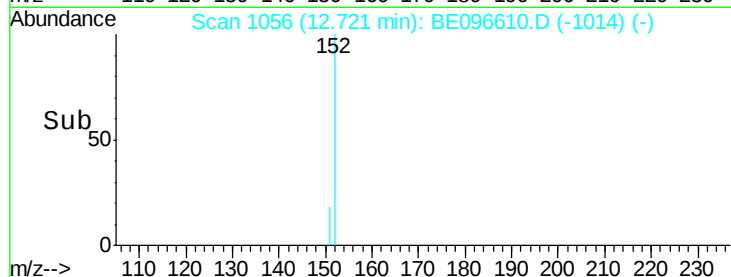
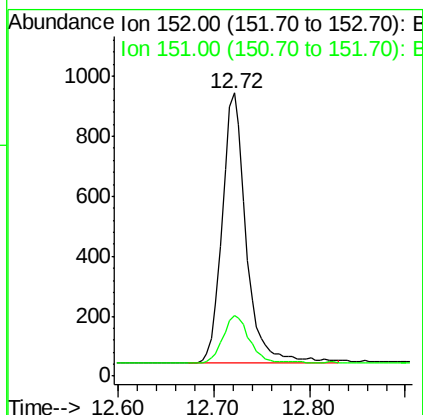
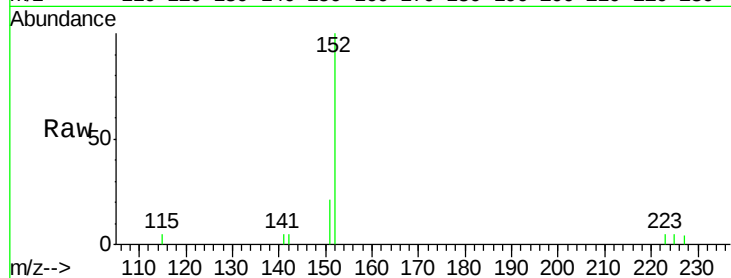




#11
 2-Methylnaphthalene-d10
 Concen: 0.37 ng
 RT: 12.72 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BE096610.D
 Acq: 17 May 2018 15:22

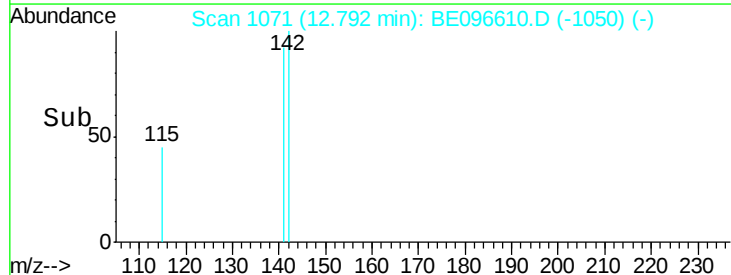
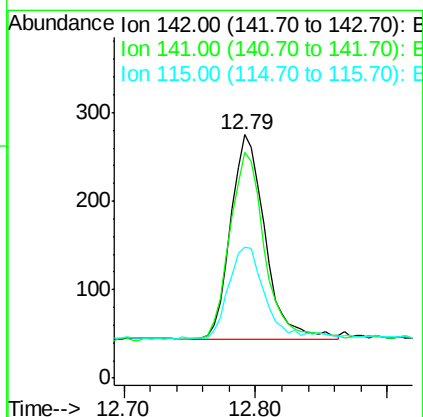
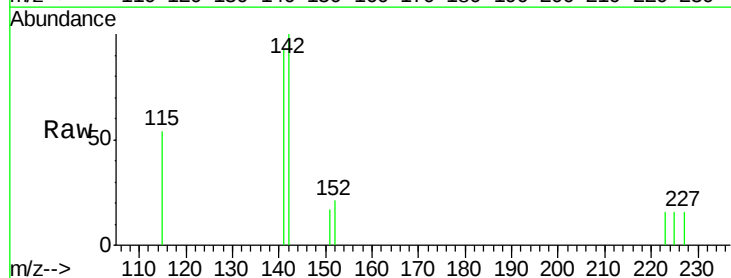
Instrument :
 BNA_E
 ClientSampleId :
 LOQ-NPW-Precision-Bias-1

Tgt Ion:152 Resp: 1578
 Ion Ratio Lower Upper
 152 100
 151 20.0 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.09 ng
 RT: 12.79 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BE096610.D
 Acq: 17 May 2018 15:22

Tgt Ion:142 Resp: 420
 Ion Ratio Lower Upper
 142 100
 141 92.7 70.4 105.6
 115 53.8 31.7 47.5#





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.92 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

Instrument :

BNA_E

ClientSampleId :

LOQ-NPW-Precision-Bias-1

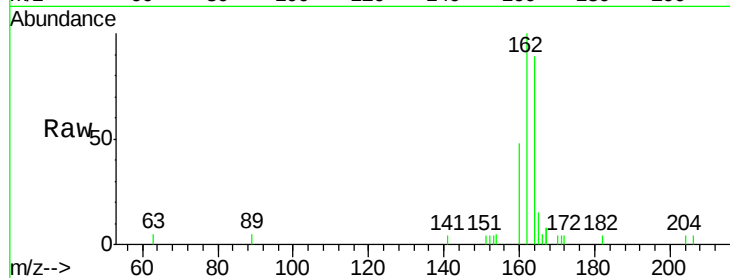
Tgt Ion:164 Resp: 1543

Ion Ratio Lower Upper

164 100

162 112.2 83.1 124.7

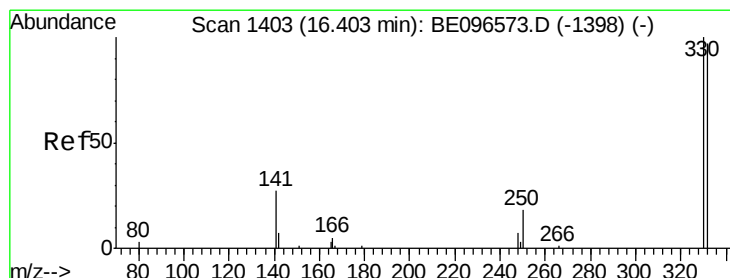
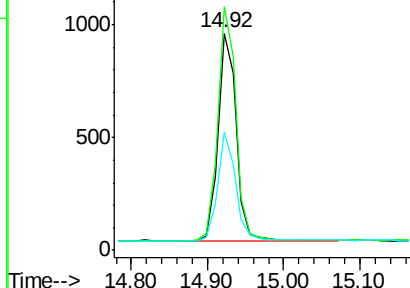
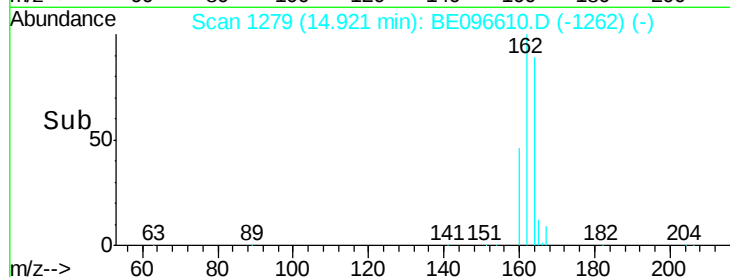
160 54.3 37.1 55.7



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: 0.26 ng

RT: 16.40 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

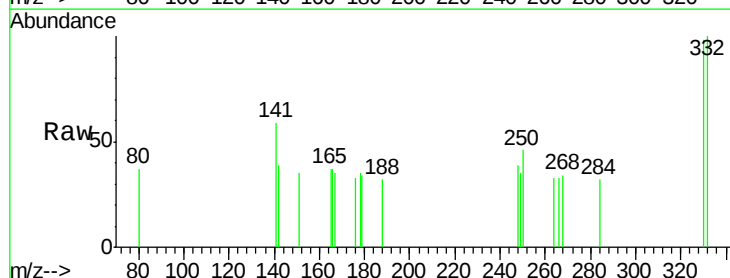
Tgt Ion:330 Resp: 157

Ion Ratio Lower Upper

330 100

332 105.7 152.7 229.1#

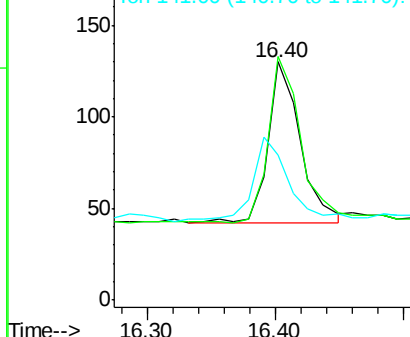
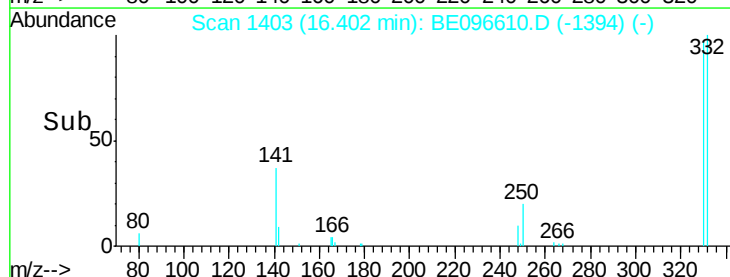
141 58.6 33.7 50.5#

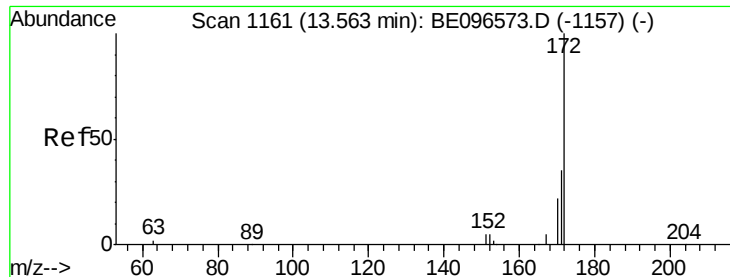


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

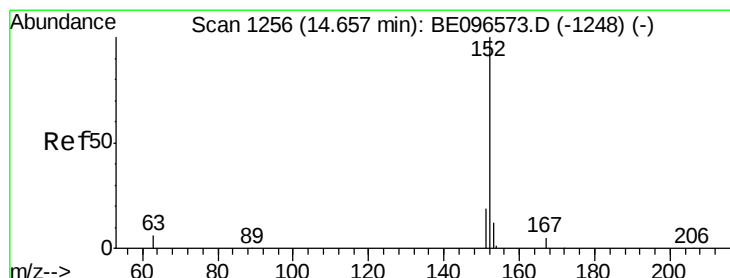
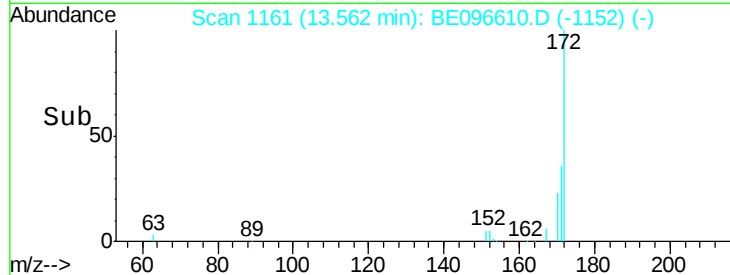
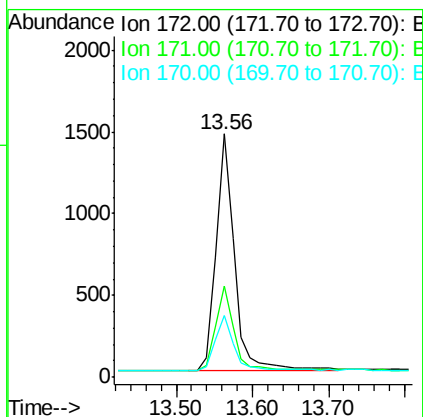
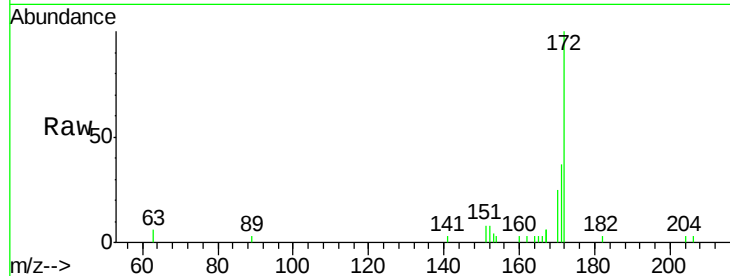




#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 13.56 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BE096610.D
Acq: 17 May 2018 15:22

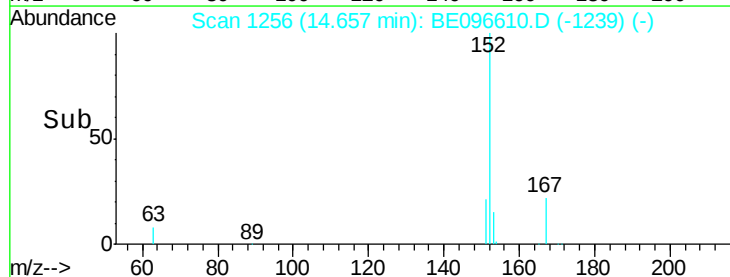
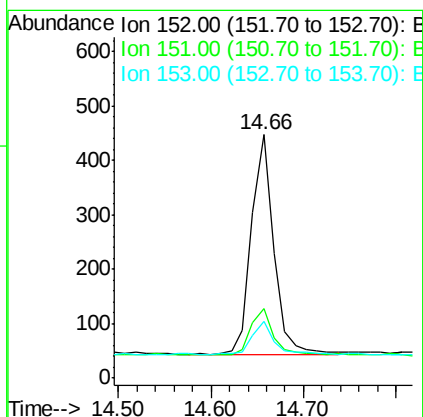
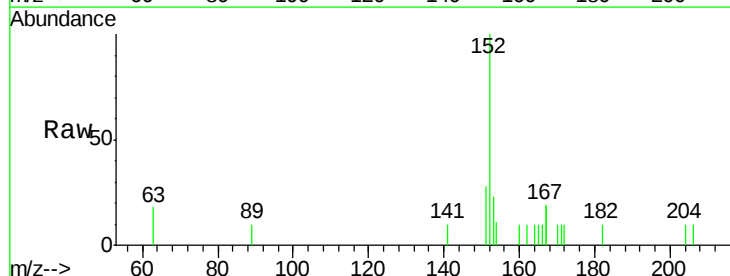
Instrument :
BNA_E
ClientSampleId :
LOQ-NPW-Precision-Bias-1

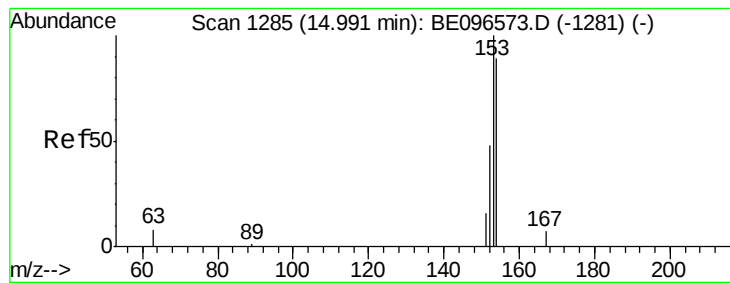
Tgt Ion:172 Resp: 2421
Ion Ratio Lower Upper
172 100
171 37.4 29.9 44.9
170 25.4 21.8 32.8



#16
Acenaphthylene
Concen: 0.08 ng
RT: 14.66 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BE096610.D
Acq: 17 May 2018 15:22

Tgt Ion:152 Resp: 681
Ion Ratio Lower Upper
152 100
151 21.4 15.7 23.5
153 15.4 10.5 15.7





#17

Acenaphthene

Concen: 0.09 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

Instrument :

BNA_E

ClientSampleId :

LOQ-NPW-Precision-Bias-1

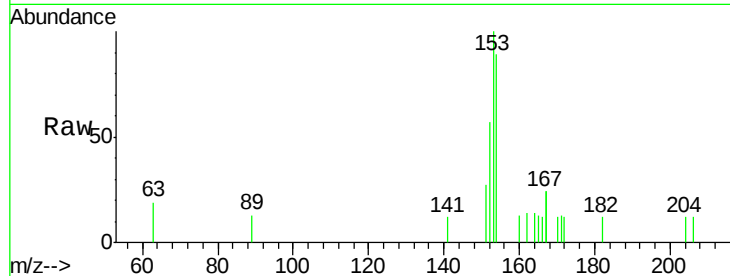
Tgt Ion:154 Resp: 458

Ion Ratio Lower Upper

154 100

153 115.9 89.2 133.8

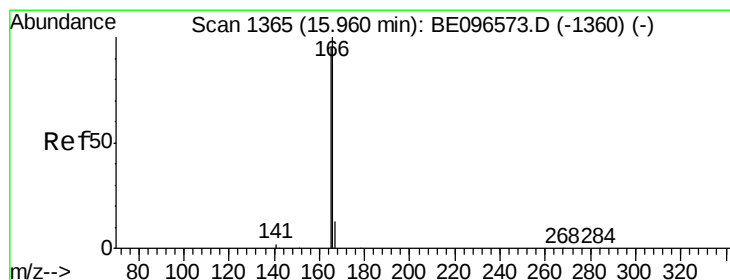
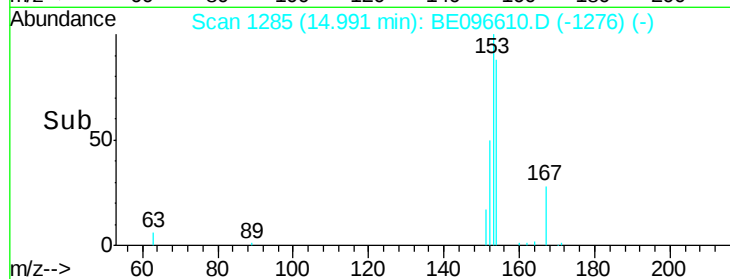
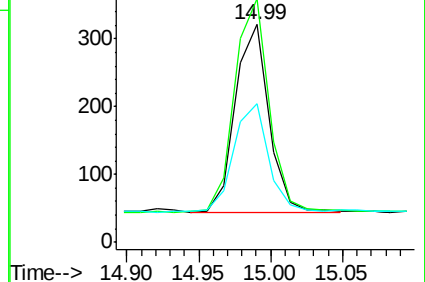
152 59.8 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.09 ng

RT: 15.96 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

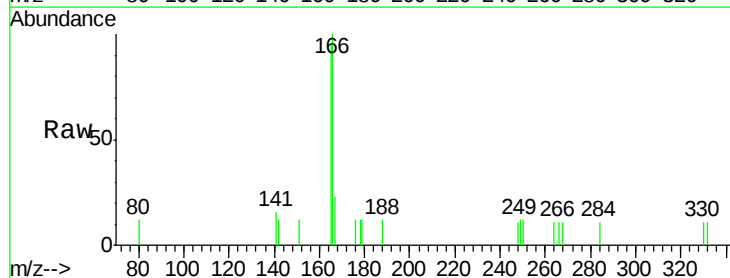
Tgt Ion:166 Resp: 554

Ion Ratio Lower Upper

166 100

165 98.9 77.8 116.6

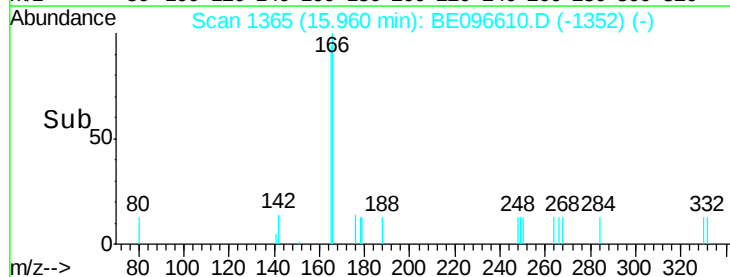
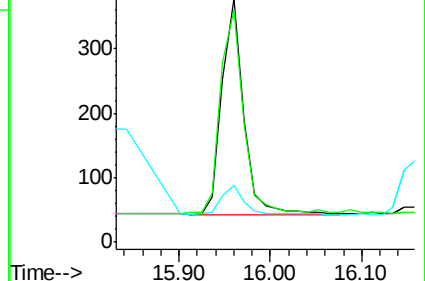
167 14.1 42.4 63.6#

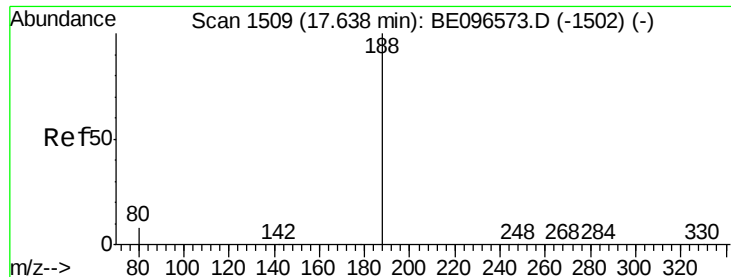


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.64 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

Instrument :

BNA_E

ClientSampleId :

LOQ-NPW-Precision-Bias-1

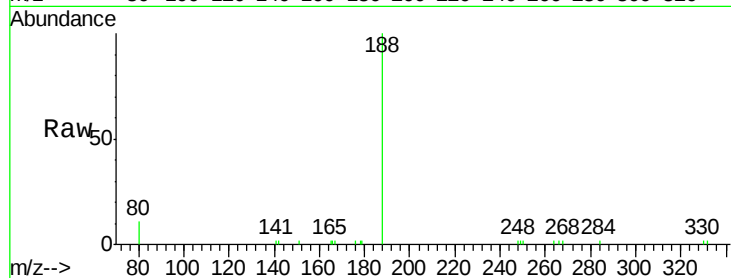
Tgt Ion:188 Resp: 3559

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

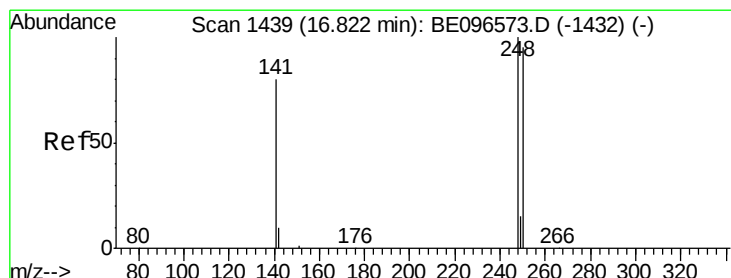
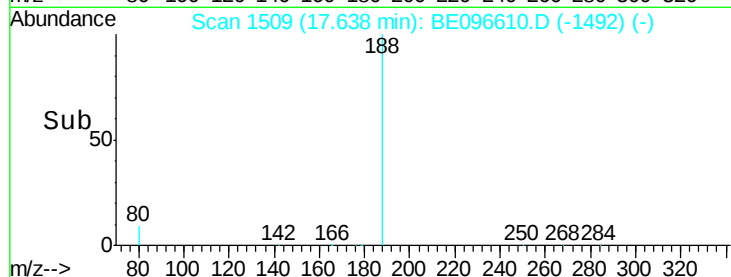
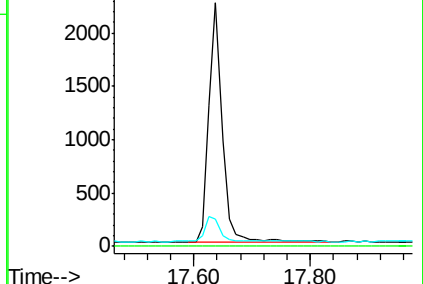
80 11.0 3.6 5.4#



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



#20

4-Bromophenyl-phenylether

Concen: 0.09 ng

RT: 16.82 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

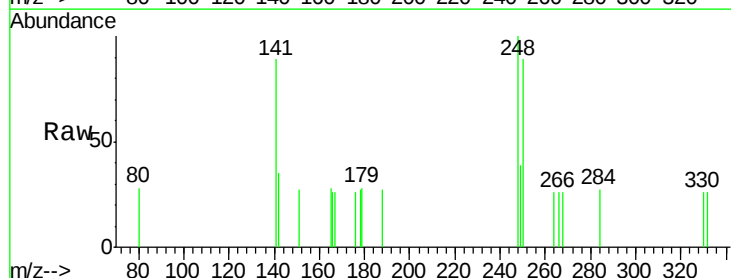
Tgt Ion:248 Resp: 189

Ion Ratio Lower Upper

248 100

250 89.2 62.7 94.1

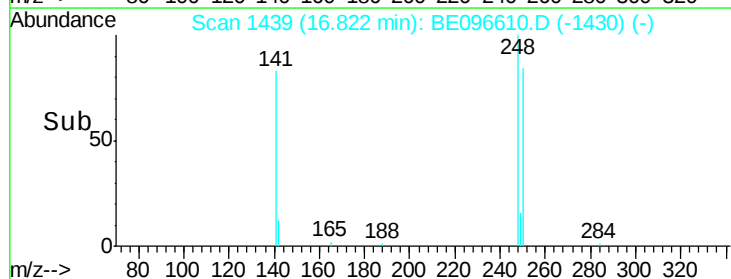
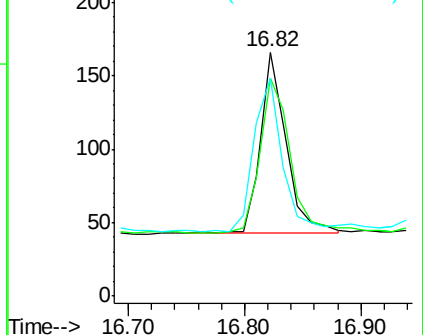
141 89.2 48.2 72.2#

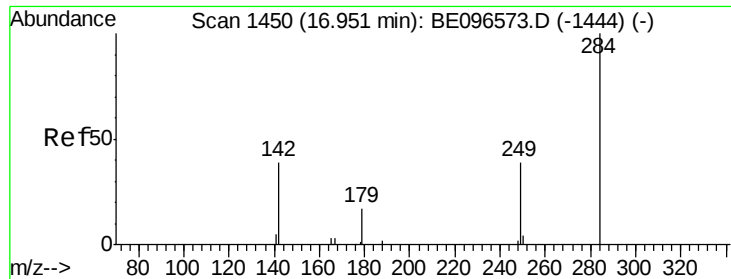


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

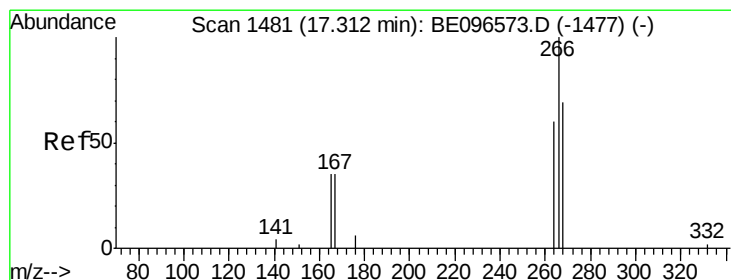
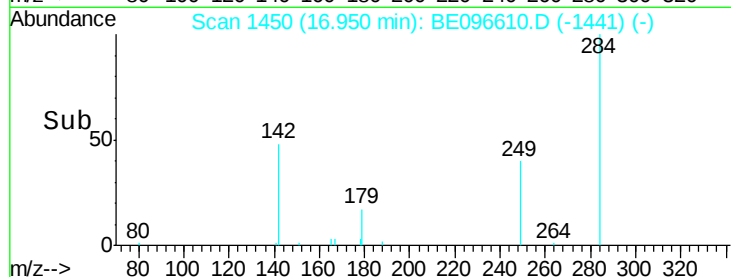
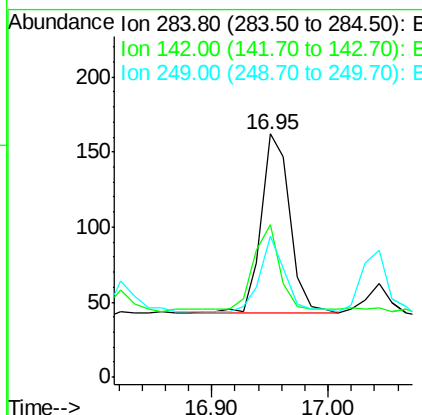
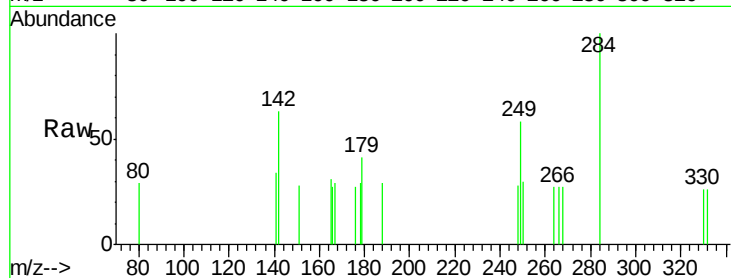




#21
Hexachlorobenzene
Concen: 0.09 ng
RT: 16.95 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BE096610.D
Acq: 17 May 2018 15:22

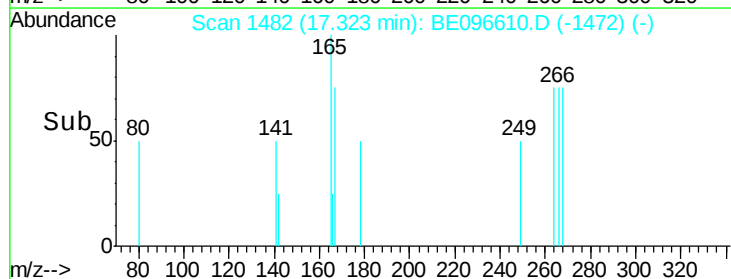
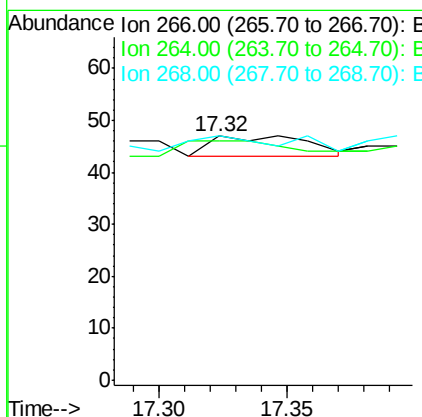
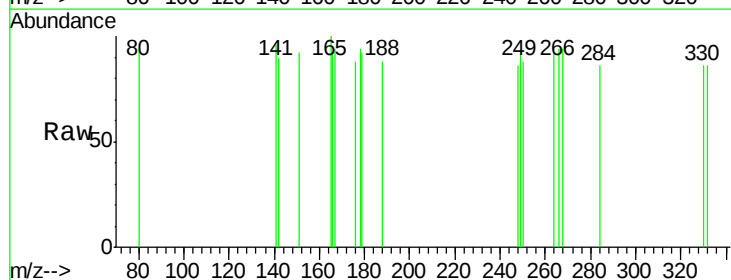
Instrument :
BNA_E
ClientSampleId :
LOQ-NPW-Precision-Bias-1

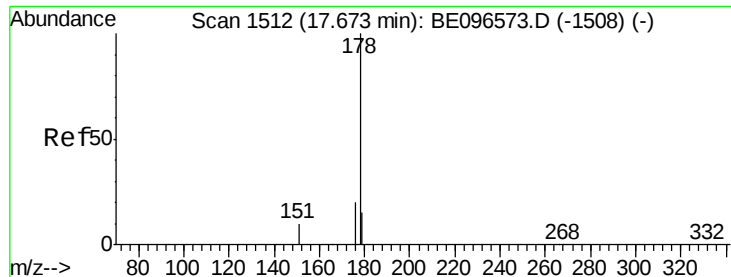
Tgt Ion: 284 Resp: 203
Ion Ratio Lower Upper
284 100
142 42.4 22.1 33.1#
249 36.0 34.8 52.2



#22
Pentachlorophenol
Concen: 0.20 ng
RT: 17.32 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BE096610.D
Acq: 17 May 2018 15:22

Tgt Ion: 266 Resp: 10
Ion Ratio Lower Upper
266 100
264 97.9 72.5 108.7
268 100.0 73.8 110.6





#23

Phenanthrene

Concen: 0.09 ng

RT: 17.67 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

Instrument :

BNA_E

ClientSampleId :

LOQ-NPW-Precision-Bias-1

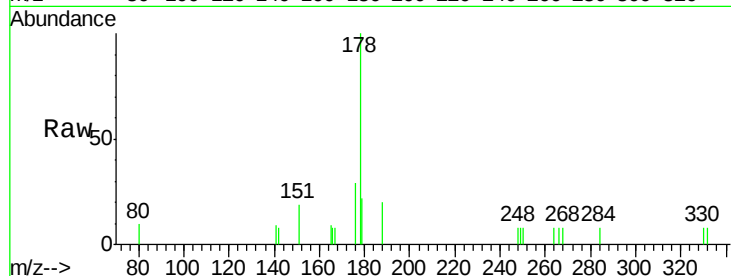
Tgt Ion:178 Resp: 876

Ion Ratio Lower Upper

178 100

176 20.3 15.1 22.7

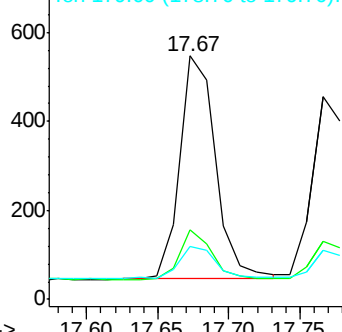
179 14.0 11.8 17.6



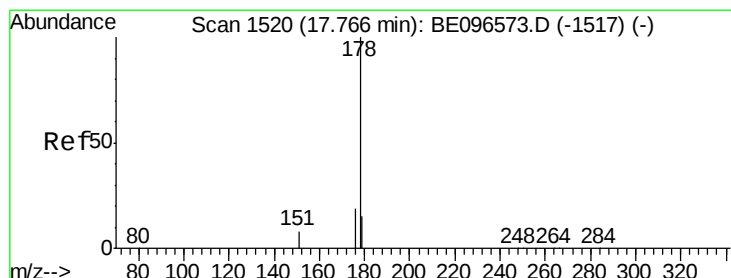
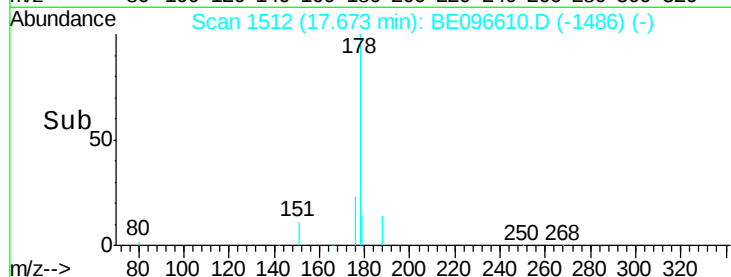
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.08 ng

RT: 17.77 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

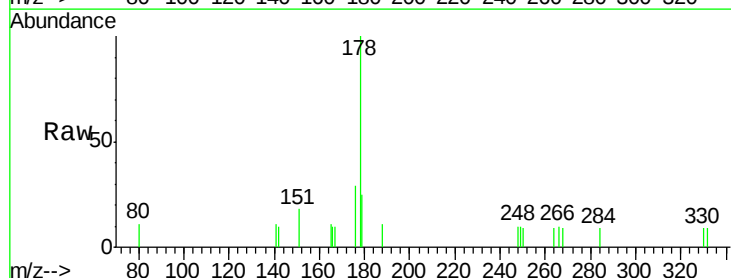
Tgt Ion:178 Resp: 759

Ion Ratio Lower Upper

178 100

176 20.0 12.8 19.2#

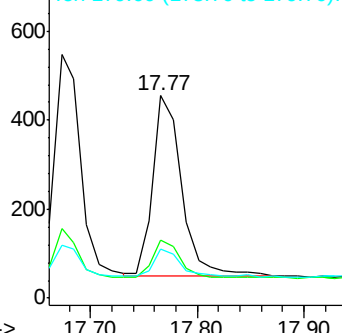
179 15.4 13.0 19.6



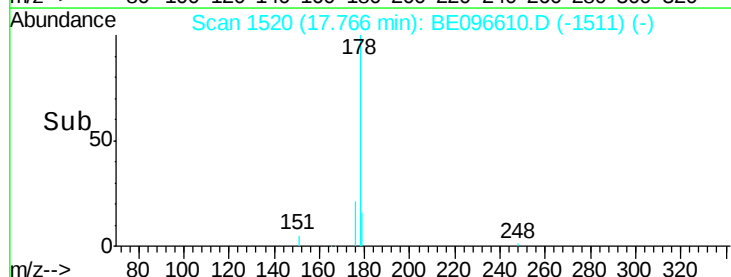
Abundance Ion 178.00 (177.70 to 178.70): E

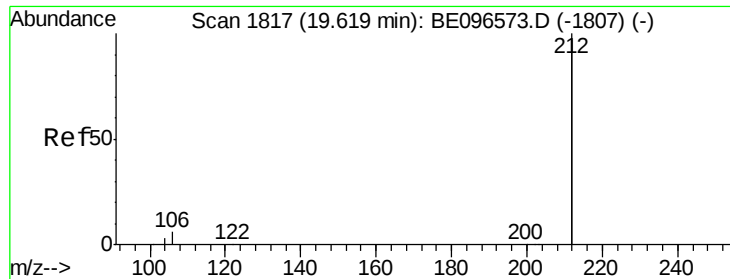
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.36 ng

RT: 19.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

Instrument :

BNA_E

ClientSampleId :

LOQ-NPW-Precision-Bias-1

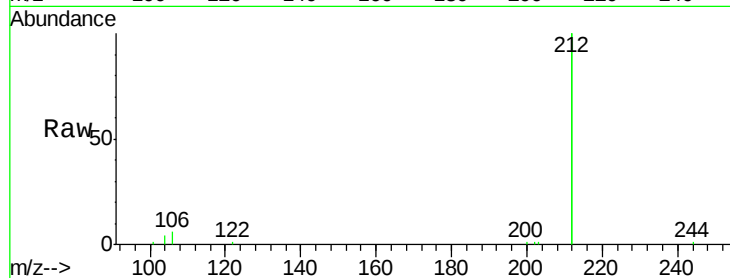
Tgt Ion:212 Resp: 15868

Ion Ratio Lower Upper

212 100

106 2.6 2.8 4.2#

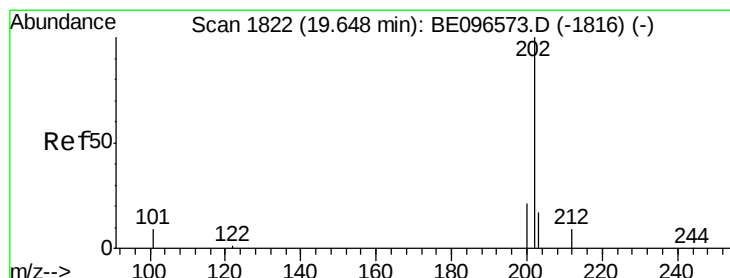
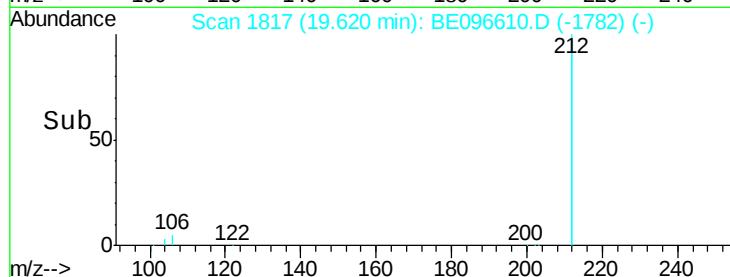
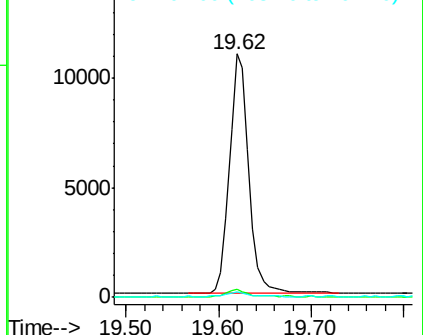
104 1.6 1.6 2.4#



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



#26

Fluoranthene

Concen: 0.09 ng

RT: 19.65 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

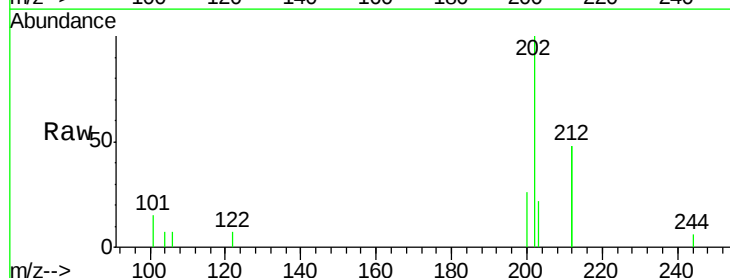
Tgt Ion:202 Resp: 1053

Ion Ratio Lower Upper

202 100

101 10.8 9.8 14.8

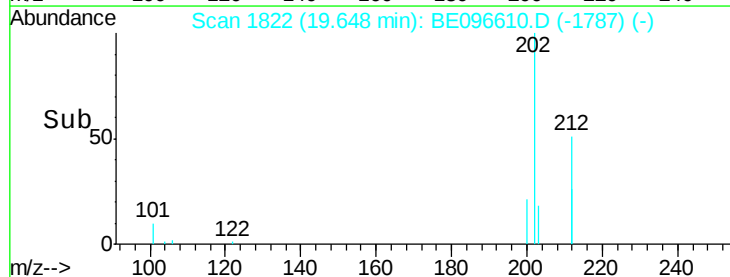
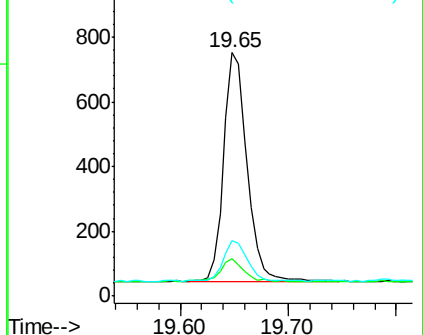
203 18.9 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.74 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

Instrument :

BNA_E

ClientSampleId :

LOQ-NPW-Precision-Bias-1

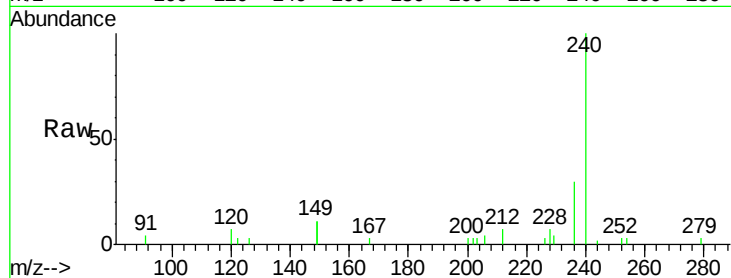
Tgt Ion:240 Resp: 3311

Ion Ratio Lower Upper

240 100

120 7.4 5.5 8.3

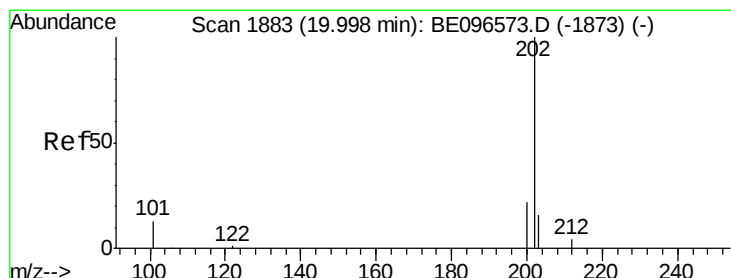
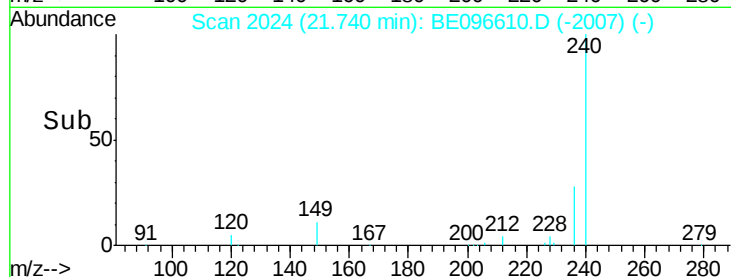
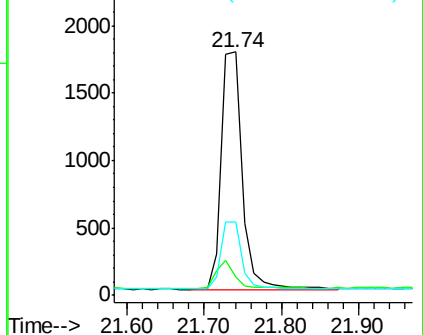
236 30.0 20.7 31.1



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



#28

Pyrene

Concen: 0.09 ng

RT: 20.00 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

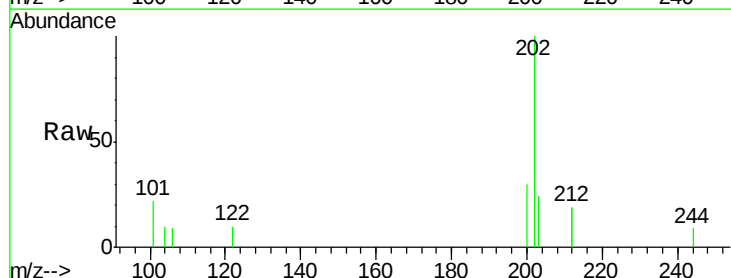
Tgt Ion:202 Resp: 544

Ion Ratio Lower Upper

202 100

200 22.1 16.6 25.0

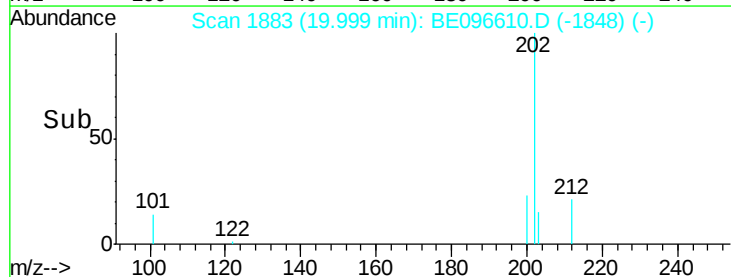
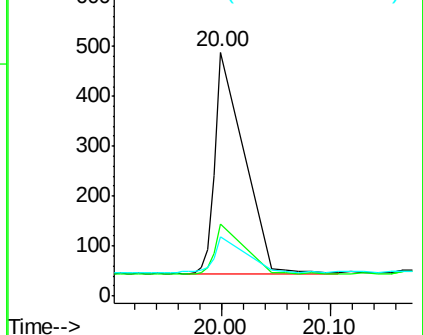
203 16.7 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.34 ng

RT: 20.18 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

Instrument :

BNA_E

ClientSampleId :

LOQ-NPW-Precision-Bias-1

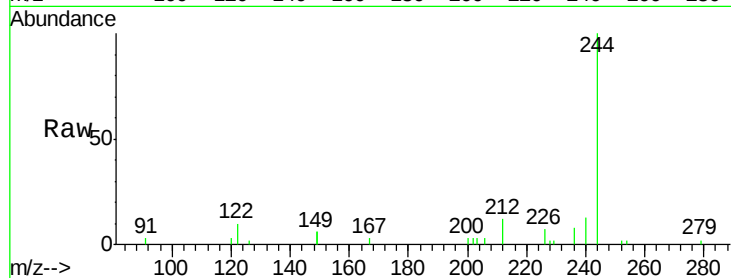
Tgt Ion:244 Resp: 2548

Ion Ratio Lower Upper

244 100

212 11.8 25.4 38.0#

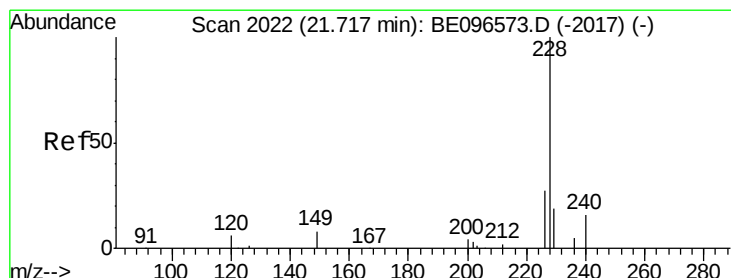
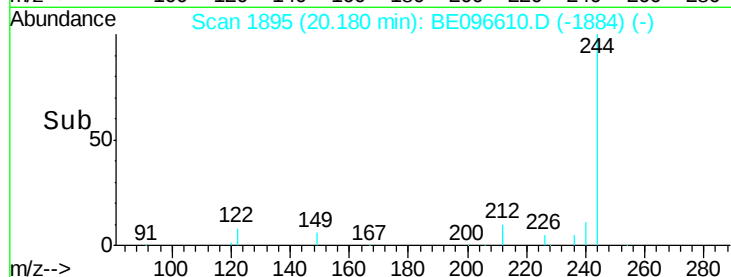
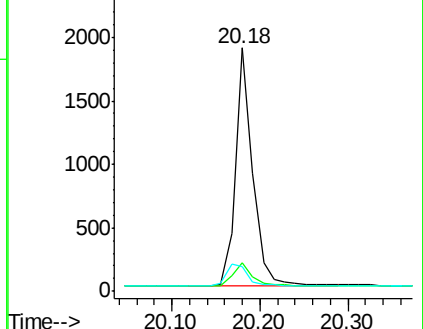
122 10.1 8.1 12.1



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



#30

Benzo(a)anthracene

Concen: 0.09 ng

RT: 21.72 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

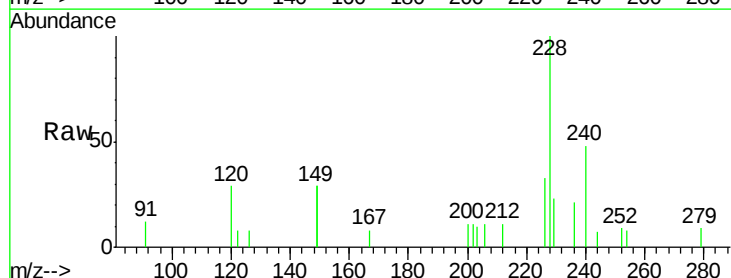
Tgt Ion:228 Resp: 941

Ion Ratio Lower Upper

228 100

226 33.2 24.0 36.0

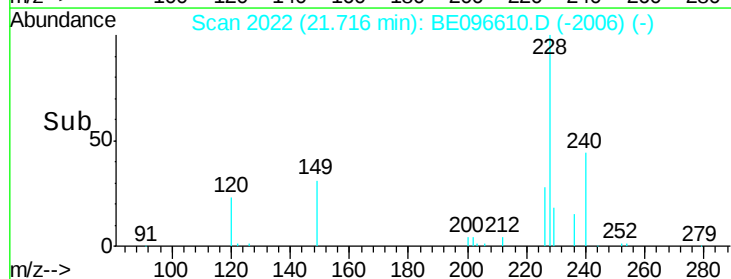
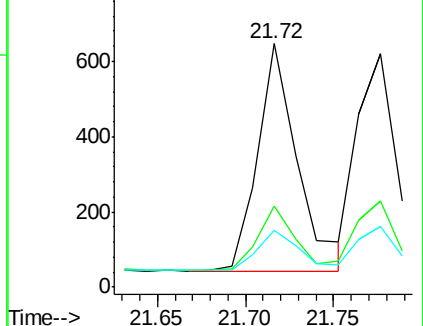
229 23.5 16.0 24.0

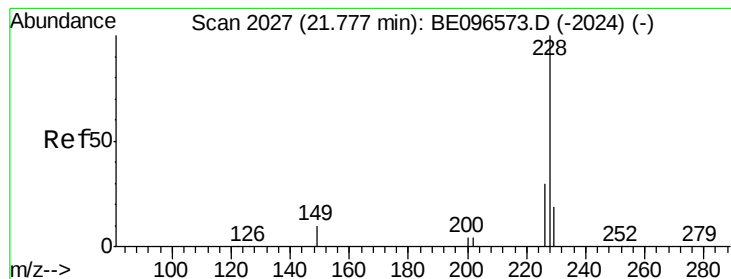


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.08 ng

RT: 21.78 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

Instrument :

BNA_E

ClientSampleId :

LOQ-NPW-Precision-Bias-1

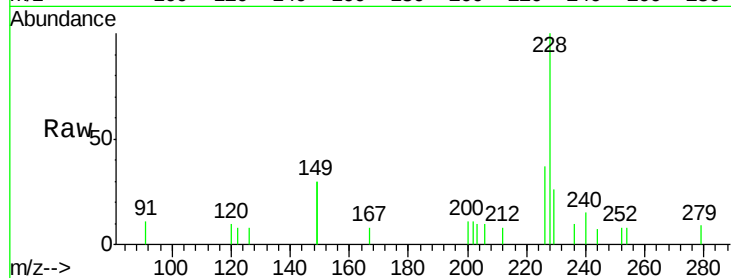
Tgt Ion: 228 Resp: 893

Ion Ratio Lower Upper

228 100

226 37.1 24.0 36.0#

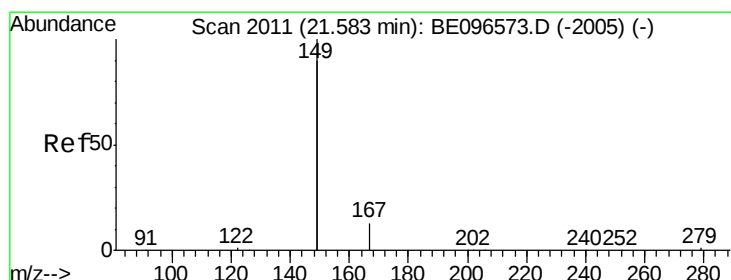
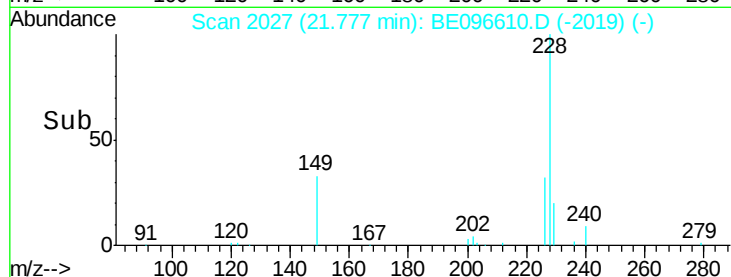
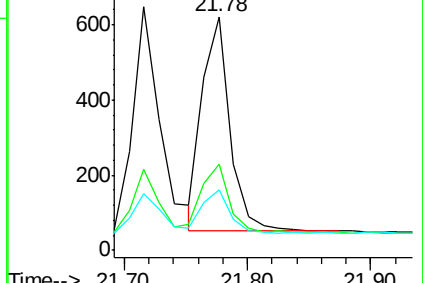
229 25.7 16.0 24.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.09 ng

RT: 21.58 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

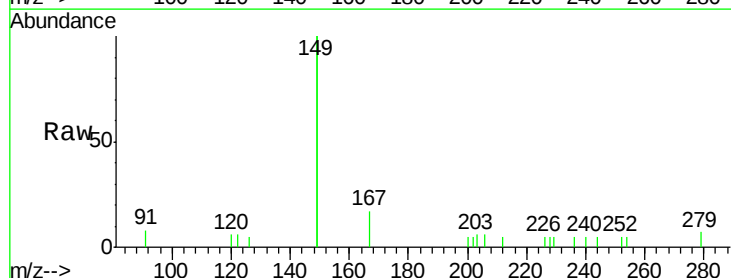
Tgt Ion: 149 Resp: 1870

Ion Ratio Lower Upper

149 100

167 7.3 5.4 8.0

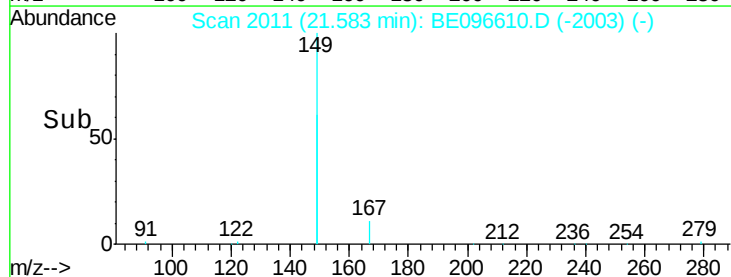
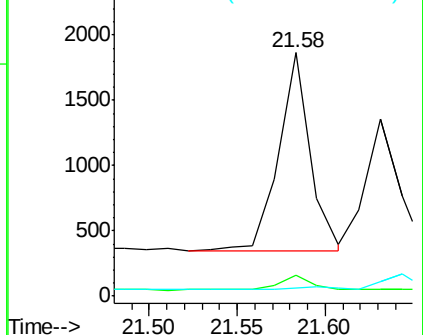
279 0.0 0.7 1.1#



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





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.08 ng

RT: 27.11 min Scan# 3468

Delta R.T. 0.01 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

Instrument :

BNA_E

ClientSampleId :

LOQ-NPW-Precision-Bias-1

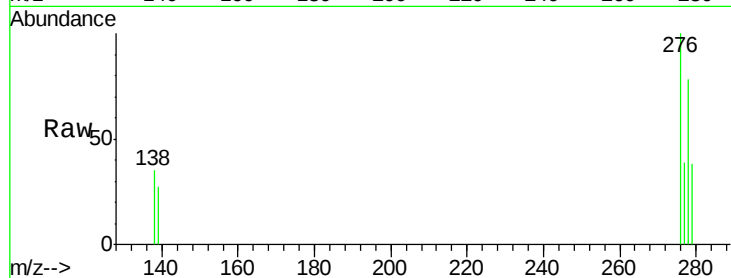
Tgt Ion:276 Resp: 806

Ion Ratio Lower Upper

276 100

138 8.2 22.5 33.7#

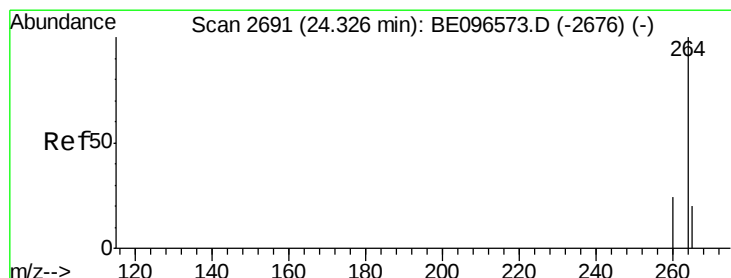
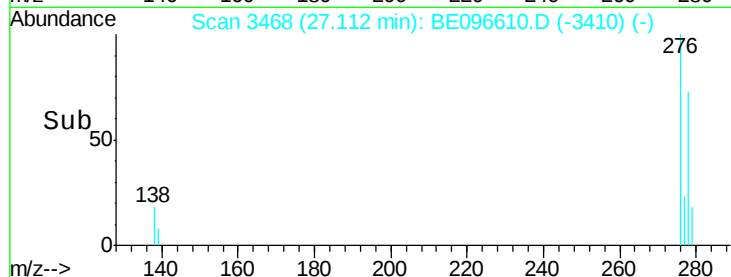
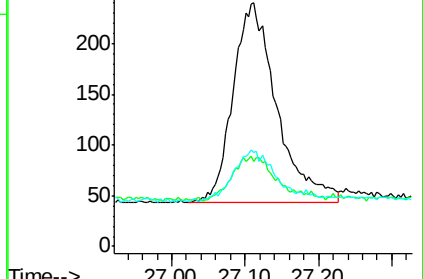
277 23.3 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.40 ng

RT: 24.33 min Scan# 2693

Delta R.T. 0.01 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

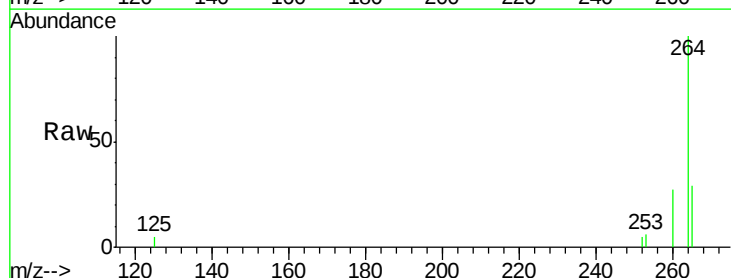
Tgt Ion:264 Resp: 2967

Ion Ratio Lower Upper

264 100

260 27.1 20.5 30.7

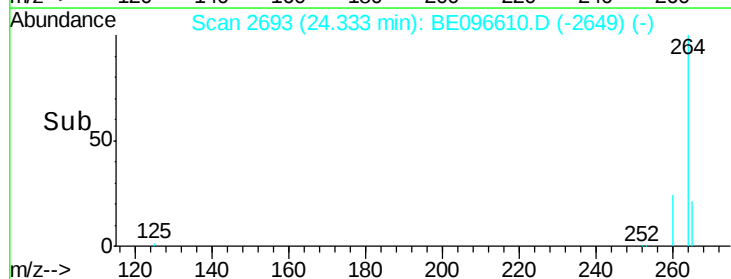
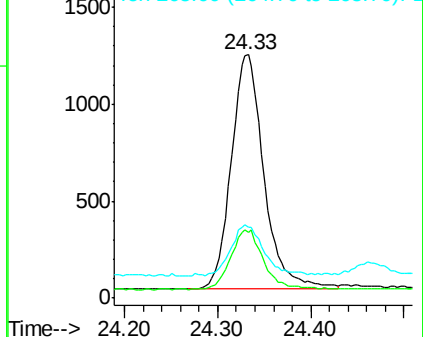
265 29.2 22.8 34.2

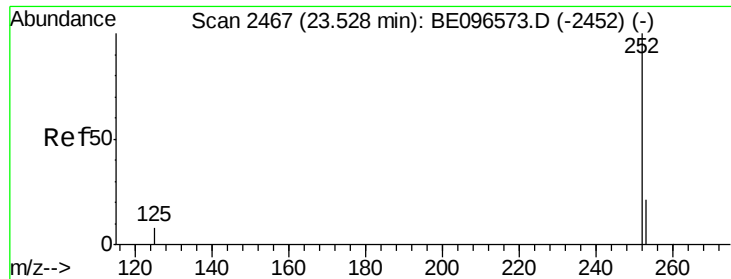


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.09 ng

RT: 23.53 min Scan# 2467

Delta R.T. -0.00 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

Instrument :

BNA_E

ClientSampleId :

LOQ-NPW-Precision-Bias-1

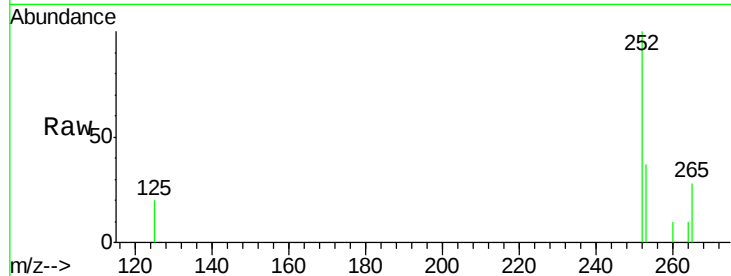
Tgt Ion:252 Resp: 835

Ion Ratio Lower Upper

252 100

253 36.6 20.0 30.0#

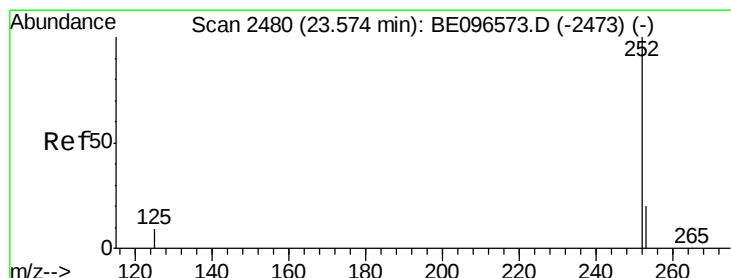
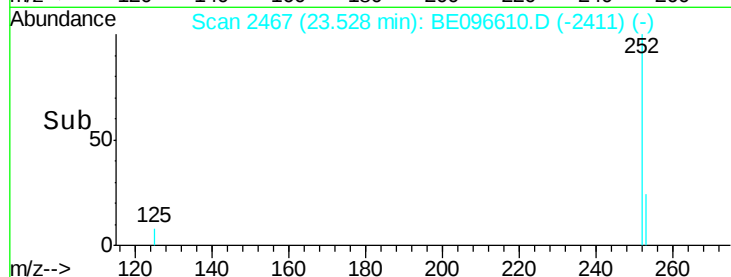
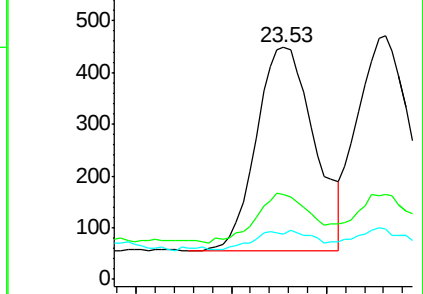
125 19.6 16.0 24.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.09 ng

RT: 23.58 min Scan# 2482

Delta R.T. 0.01 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

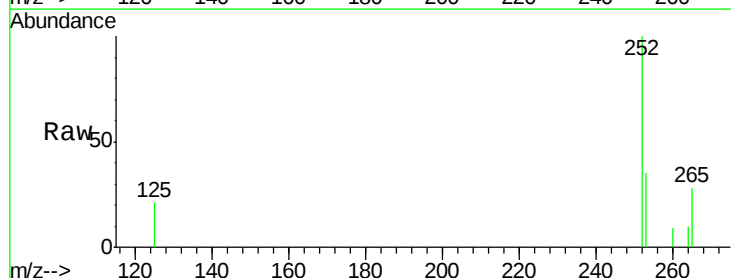
Tgt Ion:252 Resp: 864

Ion Ratio Lower Upper

252 100

253 35.0 16.0 24.0#

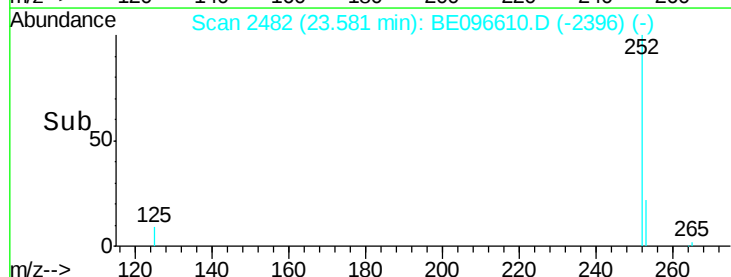
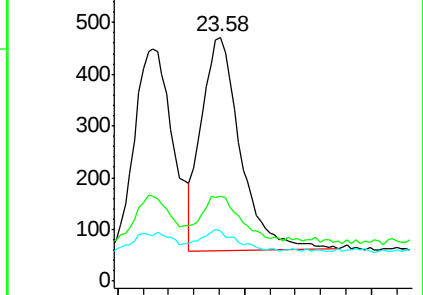
125 20.6 8.0 12.0#

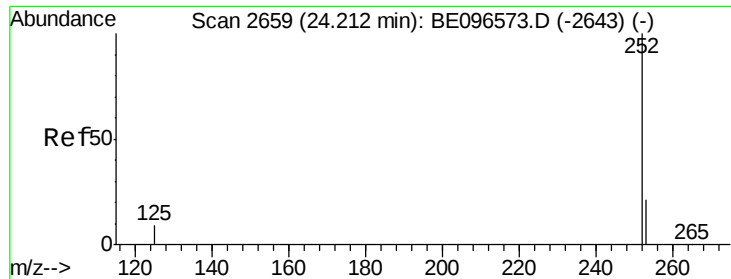


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.09 ng

RT: 24.22 min Scan# 2661

Delta R.T. 0.01 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

Instrument :

BNA_E

ClientSampleId :

LOQ-NPW-Precision-Bias-1

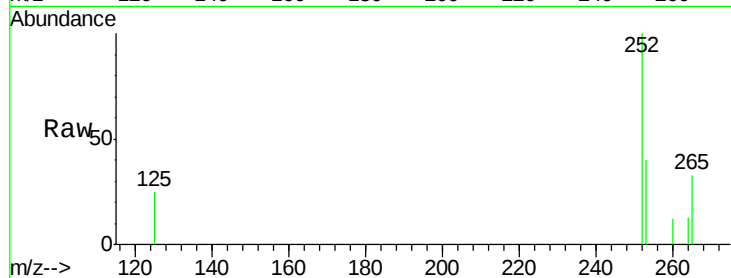
Tgt Ion: 252 Resp: 754

Ion Ratio Lower Upper

252 100

253 40.4 16.0 24.0#

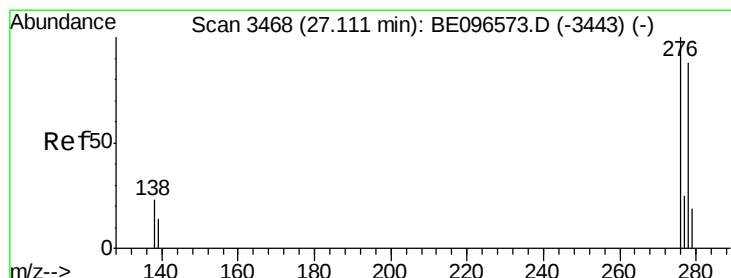
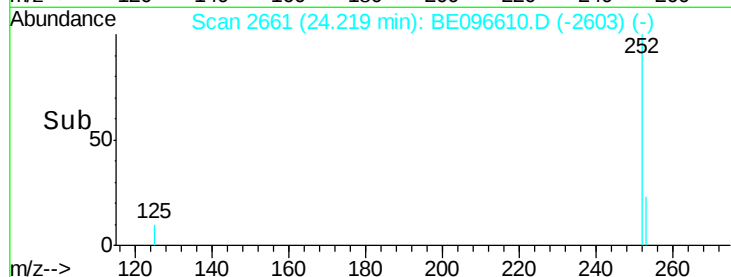
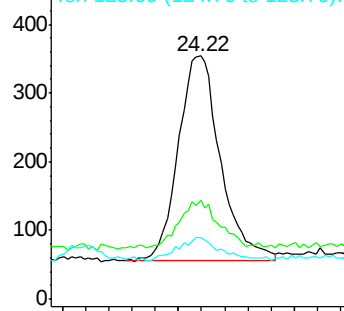
125 25.1 12.0 18.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.08 ng

RT: 27.12 min Scan# 3469

Delta R.T. 0.00 min

Lab File: BE096610.D

Acq: 17 May 2018 15:22

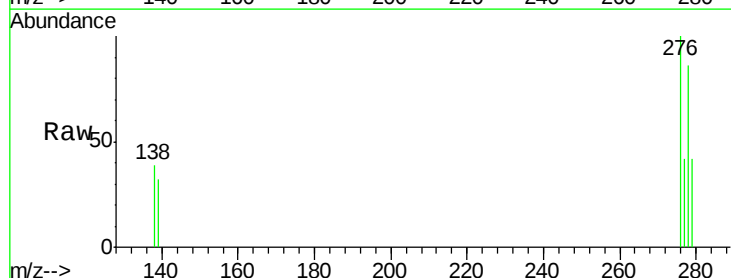
Tgt Ion: 278 Resp: 633

Ion Ratio Lower Upper

278 100

139 37.1 16.0 24.0#

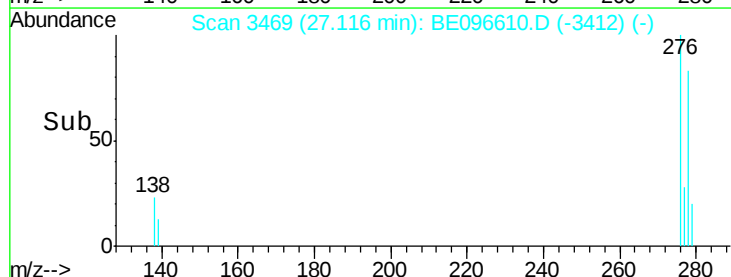
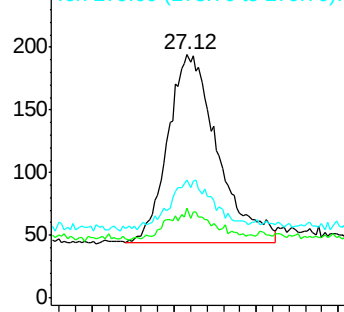
279 48.5 20.0 30.0#

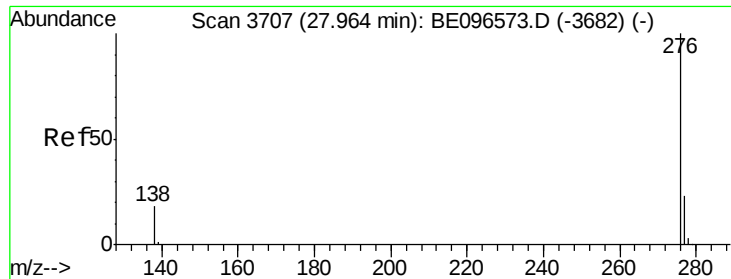


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.04 ng

RT: 27.96 min Scan# 3707

Delta R.T. 0.00 min

Lab File: BE096610.D

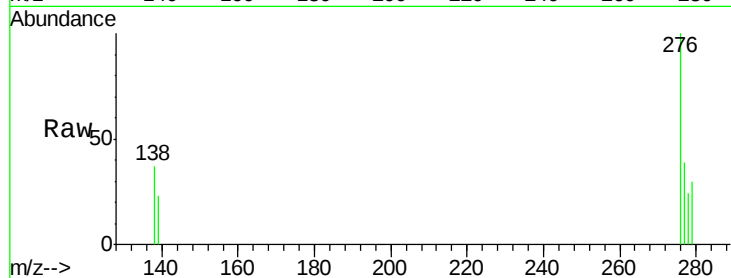
Acq: 17 May 2018 15:22

Instrument :

BNA_E

ClientSampleId :

LOQ-NPW-Precision-Bias-1



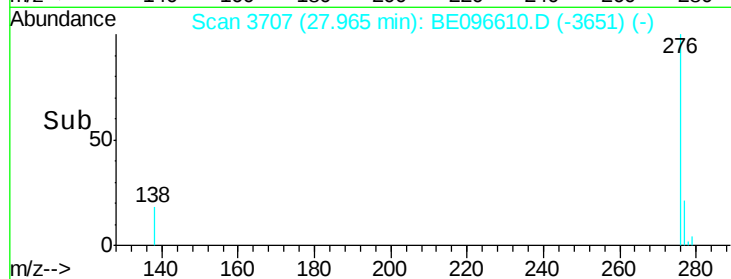
Tgt Ion: 276 Resp: 338

Ion Ratio Lower Upper

276 100

277 38.7 16.0 24.0#

138 37.3 20.0 30.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

