

Data File : BE096612.D
Acq On : 17 May 2018 16:34
Operator : SJ/JU
Sample : J2923-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LOQ-NPW-Precision-Bias-3

Quant Time: May 18 05:15:05 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	650	0.40	ng	0.00
7) Naphthalene-d8	11.18	136	2699	0.40	ng	0.00
13) Acenaphthene-d10	14.92	164	1595	0.40	ng	0.00
19) Phenanthrene-d10	17.64	188	3526	0.40	ng	0.00
27) Chrysene-d12	21.74	240	3365	0.40	ng	0.01
34) Perylene-d12	24.33	264	3030	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.86	112	538	0.30	ng	0.00
5) Phenol-d6	7.51	99	697	0.27	ng	0.00
8) Nitrobenzene-d5	9.53	82	915	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.72	152	1608	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.40	330	150	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.56	172	2410	0.35	ng	0.00
25) Fluoranthene-d10	19.62	212	15985	0.37	ng	0.00
29) Terphenyl-d14	20.18	244	2443	0.32	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.58	88	93	0.10	ng	93
3) n-Nitrosodimethylamine	3.97	42	93	0.08	ng	# 55
6) bis(2-Chloroethyl)ether	7.75	93	220	0.09	ng	91
9) Naphthalene	11.22	128	2578	0.09	ng	# 92
10) Hexachlorobutadiene	11.49	225	142	0.09	ng	96
12) 2-Methylnaphthalene	12.80	142	425	0.09	ng	# 92
16) Acenaphthylene	14.66	152	676	0.08	ng	97
17) Acenaphthene	14.99	154	429	0.08	ng	89
18) Fluorene	15.96	166	693	0.11	ng	# 73
20) 4-Bromophenyl-phenylether	16.82	248	187	0.09	ng	# 64
21) Hexachlorobenzene	16.95	284	205	0.09	ng	# 79
22) Pentachlorophenol	17.35	266	16	0.20	ng	98
23) Phenanthrene	17.67	178	889	0.09	ng	98
24) Anthracene	17.77	178	751	0.08	ng	97
26) Fluoranthene	19.65	202	1034	0.09	ng	97
28) Pyrene	20.00	202	533	0.09	ng	98
30) Benzo(a)anthracene	21.72	228	924	0.09	ng	# 92
31) Chrysene	21.78	228	939	0.09	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.58	149	1680	0.08	ng	# 98
33) Indeno(1,2,3-cd)pyrene	27.11	276	788	0.08	ng	# 90
35) Benzo(b)fluoranthene	23.53	252	793	0.08	ng	# 89
36) Benzo(k)fluoranthene	23.58	252	858	0.09	ng	# 70
37) Benzo(a)pyrene	24.22	252	747	0.08	ng	# 72
38) Dibenzo(a,h)anthracene	27.11	278	225	0.03	ng	# 62
39) Benzo(g,h,i)perylene	27.96	276	703	0.08	ng	# 66

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

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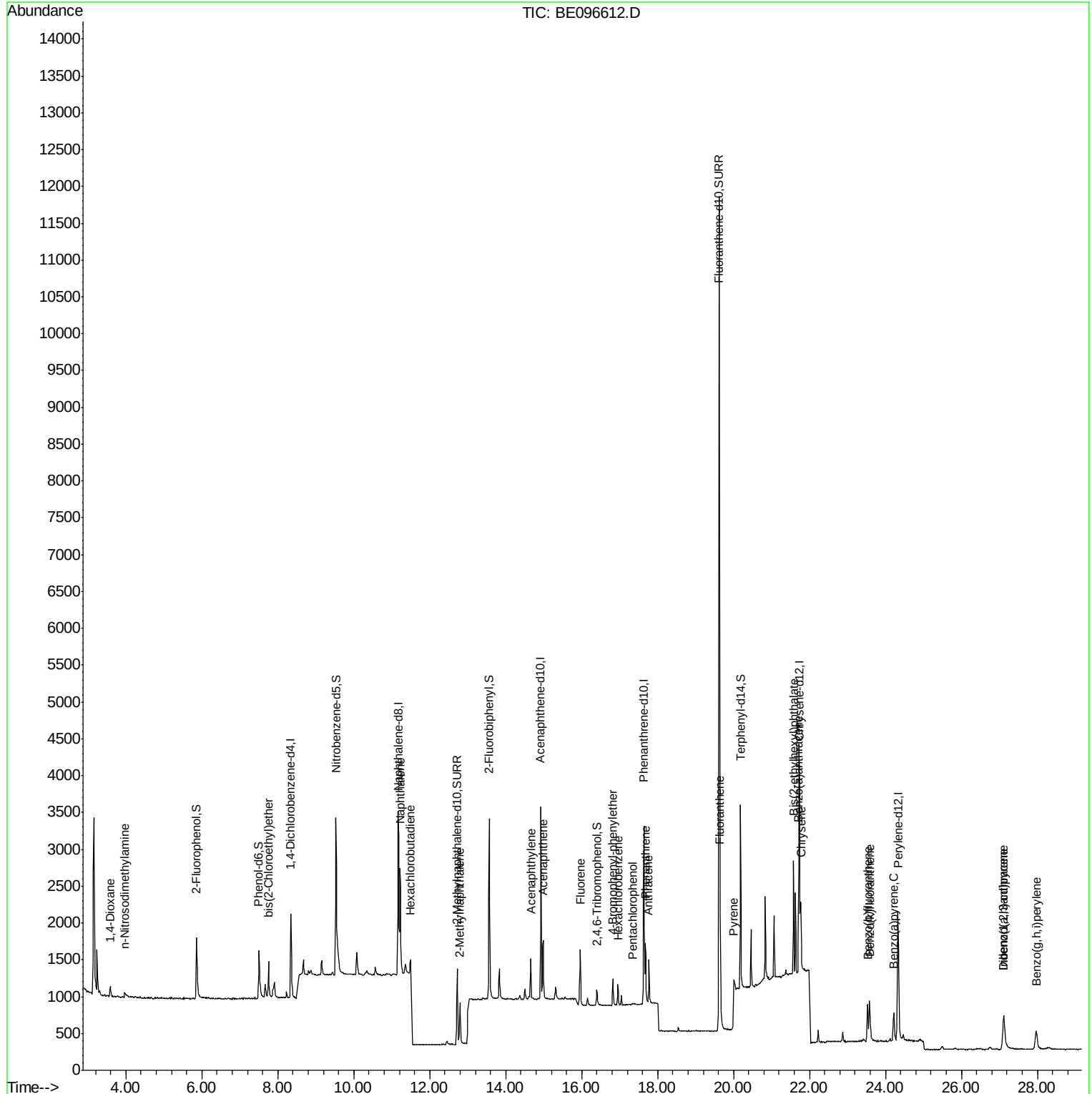
Quant Time: May 18 05:15:05 2018

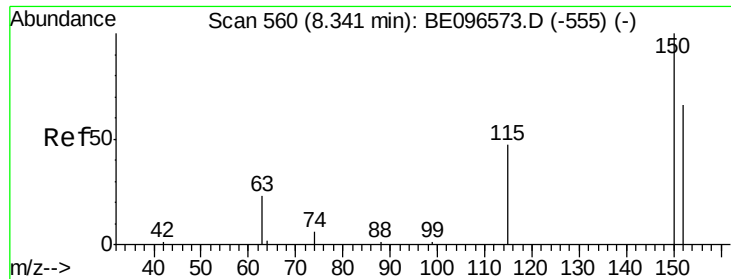
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051518.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

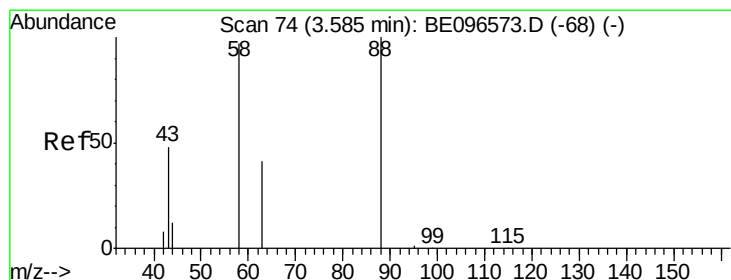
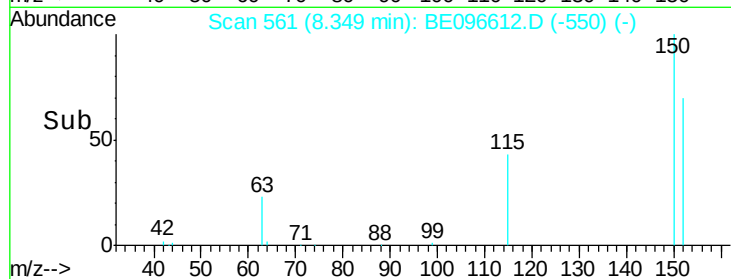
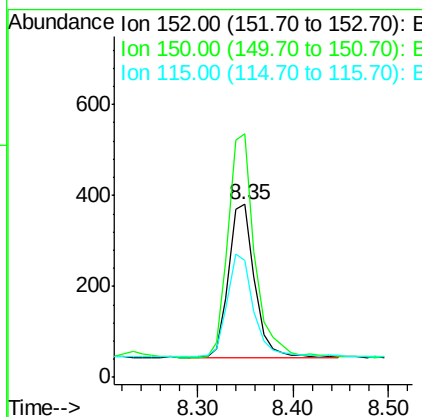
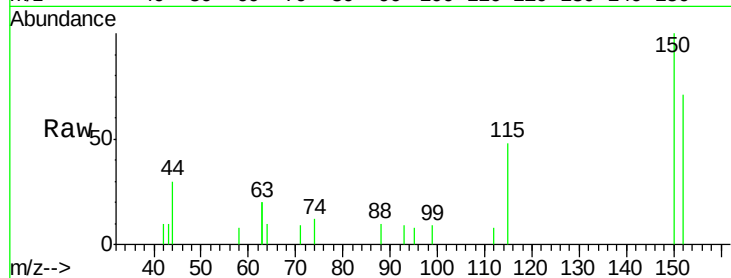




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 8.35 min Scan# 561
 Delta R.T. 0.01 min
 Lab File: BE096612.D
 Acq: 17 May 2018 16:34

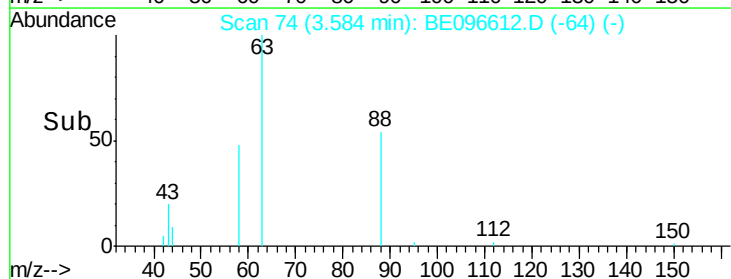
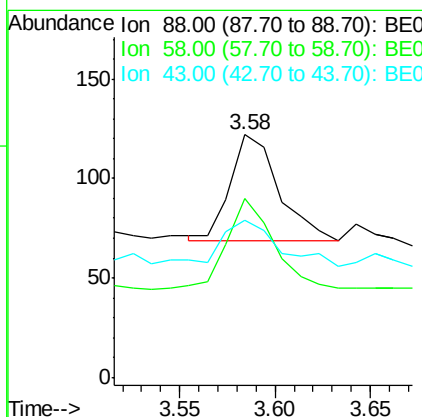
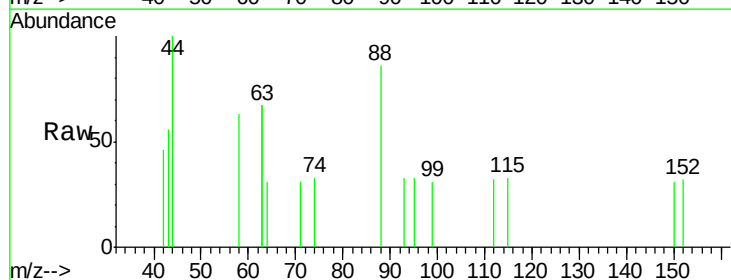
Instrument :
 BNA_E
 ClientSampleId :
 LOQ-NPW-Precision-Bias-3

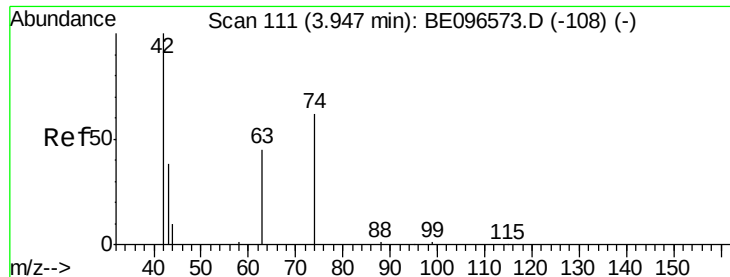
Tgt Ion: 152 Resp: 650
 Ion Ratio Lower Upper
 152 100
 150 140.7 117.2 175.8
 115 67.2 57.0 85.6



#2
 1,4-Dioxane
 Concen: 0.10 ng
 RT: 3.58 min Scan# 74
 Delta R.T. -0.00 min
 Lab File: BE096612.D
 Acq: 17 May 2018 16:34

Tgt Ion: 88 Resp: 93
 Ion Ratio Lower Upper
 88 100
 58 87.1 63.2 94.8
 43 48.4 41.2 61.8





#3

n-Nitrosodimethylamine

Concen: 0.08 ng

RT: 3.97 min Scan# 113

Delta R.T. 0.02 min

Lab File: BE096612.D

Acq: 17 May 2018 16:34

Instrument :

BNA_E

ClientSampleId :

LOQ-NPW-Precision-Bias-3

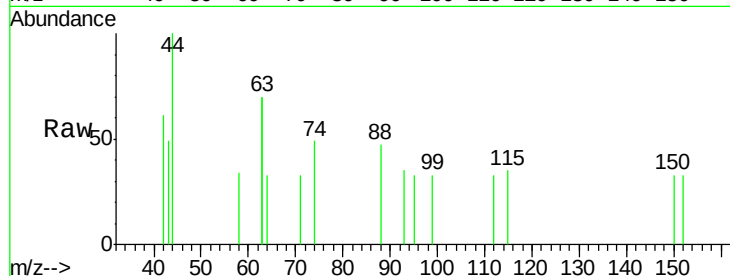
Tgt Ion: 42 Resp: 93

Ion Ratio Lower Upper

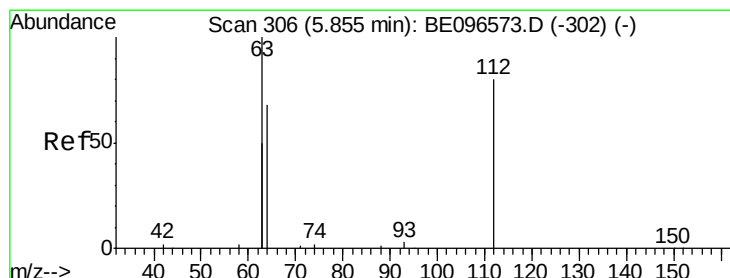
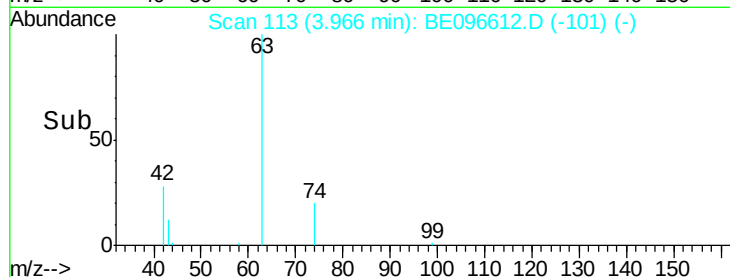
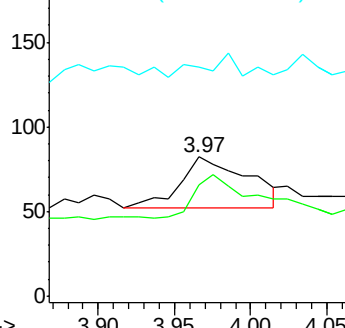
42 100

74 67.7 96.0 144.0#

44 26.9 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



#4

2-Fluorophenol

Concen: 0.30 ng

RT: 5.86 min Scan# 307

Delta R.T. 0.01 min

Lab File: BE096612.D

Acq: 17 May 2018 16:34

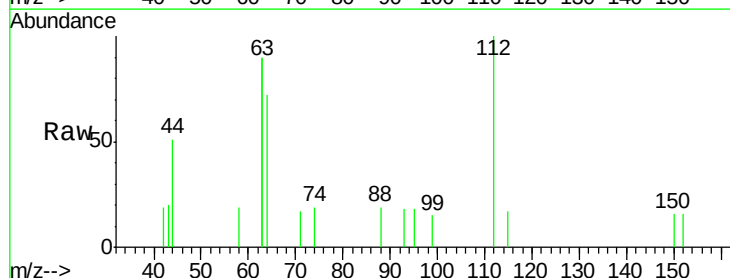
Tgt Ion: 112 Resp: 538

Ion Ratio Lower Upper

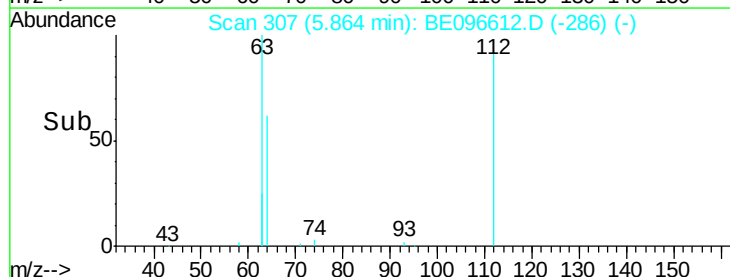
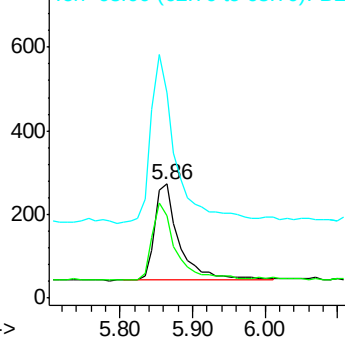
112 100

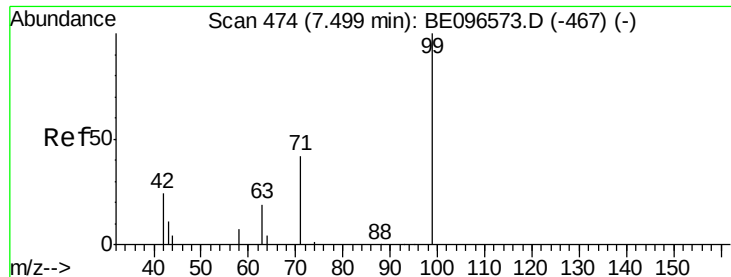
64 77.5 60.1 90.1

63 175.8 116.8 175.2#



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





#5

Phenol-d6

Concen: 0.27 ng

RT: 7.51 min Scan# 475

Delta R.T. 0.01 min

Lab File: BE096612.D

Acq: 17 May 2018 16:34

Instrument :

BNA_E

ClientSampleId :

LOQ-NPW-Precision-Bias-3

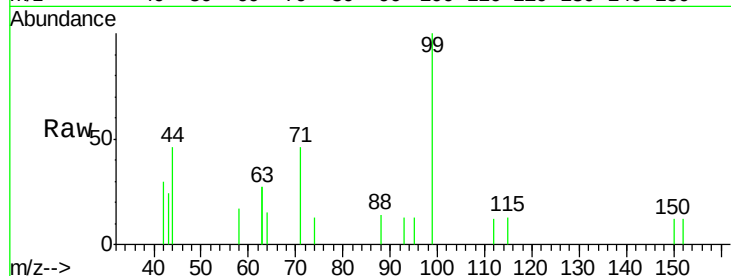
Tgt Ion: 99 Resp: 697

Ion Ratio Lower Upper

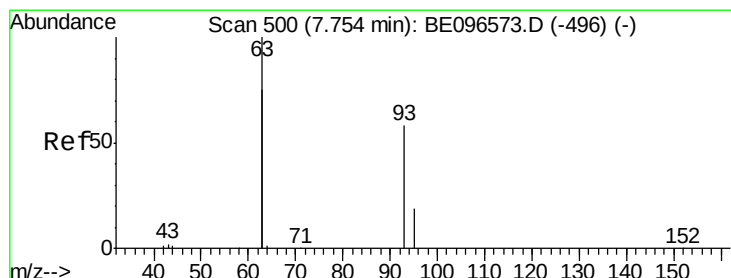
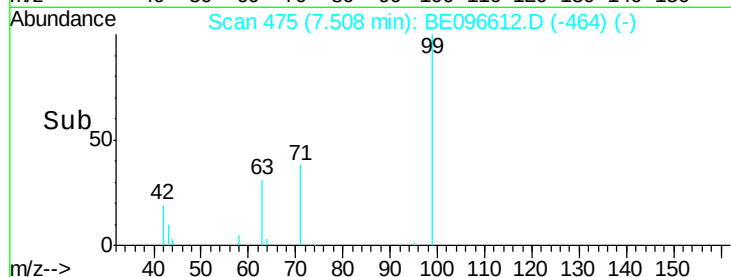
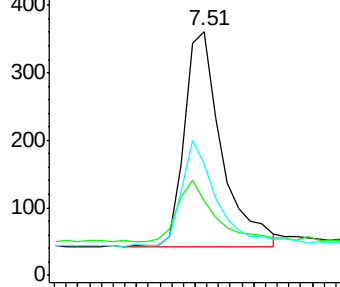
99 100

42 29.1 20.2 30.2

71 46.6 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: 0.09 ng

RT: 7.75 min Scan# 500

Delta R.T. -0.00 min

Lab File: BE096612.D

Acq: 17 May 2018 16:34

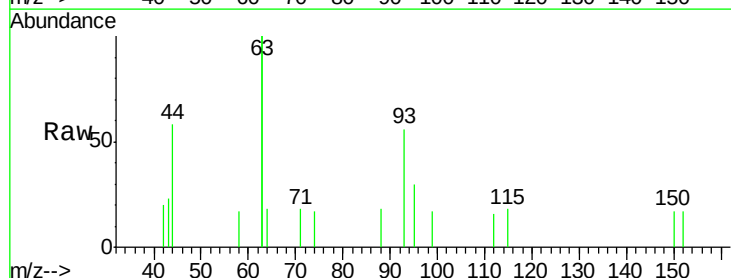
Tgt Ion: 93 Resp: 220

Ion Ratio Lower Upper

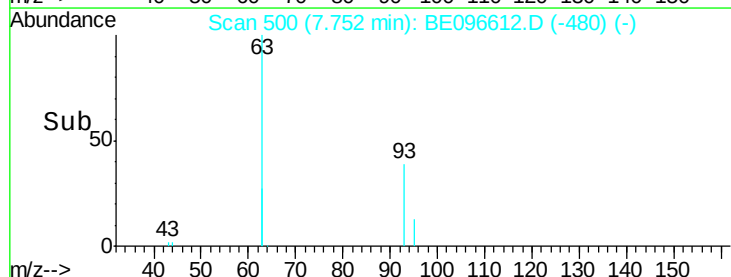
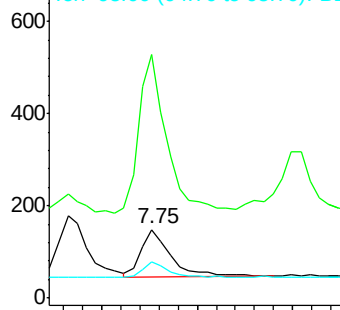
93 100

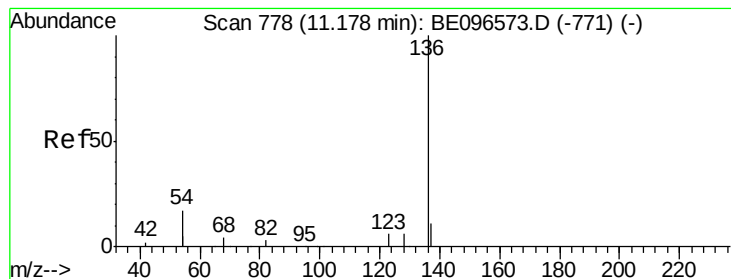
63 323.2 275.3 412.9

95 35.0 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: BE096612.D

Acq: 17 May 2018 16:34

Instrument :

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Tgt Ion:136 Resp: 2699

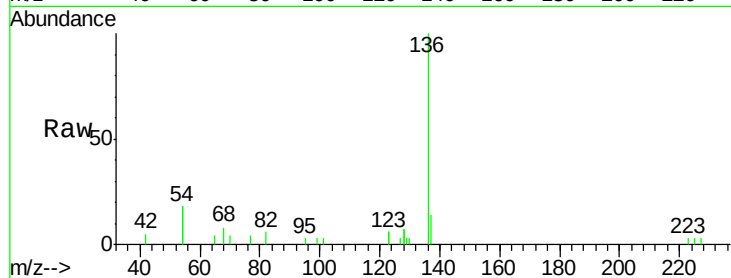
Ion Ratio Lower Upper

136 100

137 13.6 9.5 14.3

54 35.7 29.1 43.7

68 7.6 6.2 9.2

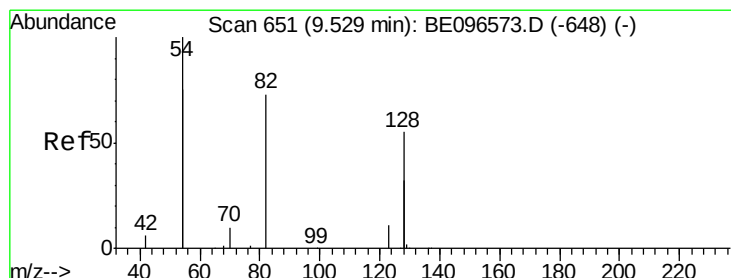
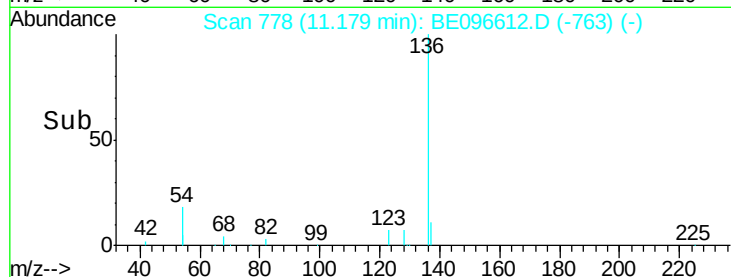
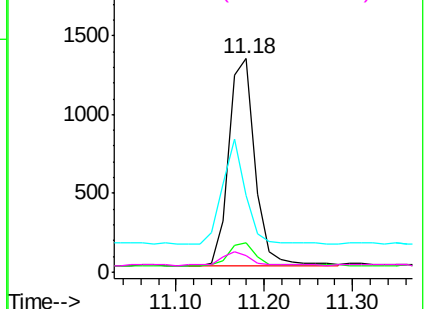


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.32 ng

RT: 9.53 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE096612.D

Acq: 17 May 2018 16:34

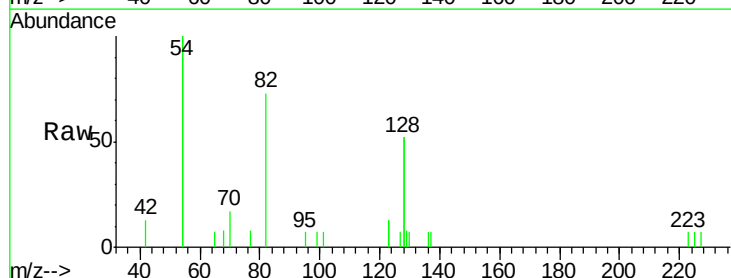
Tgt Ion: 82 Resp: 915

Ion Ratio Lower Upper

82 100

128 143.0 150.0 225.0#

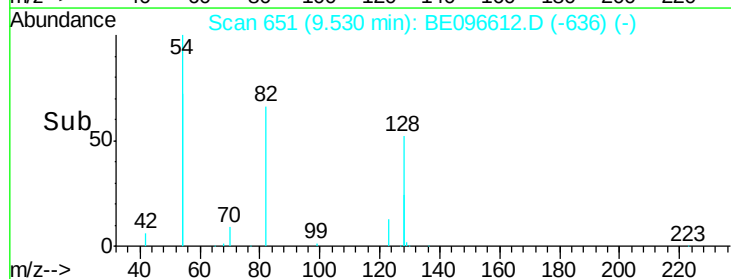
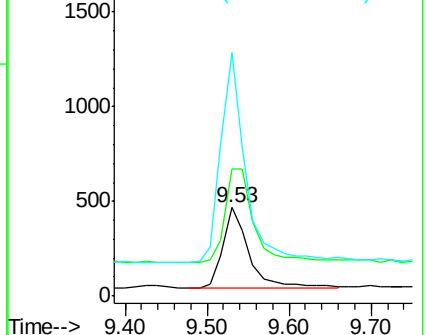
54 275.4 154.2 231.4#

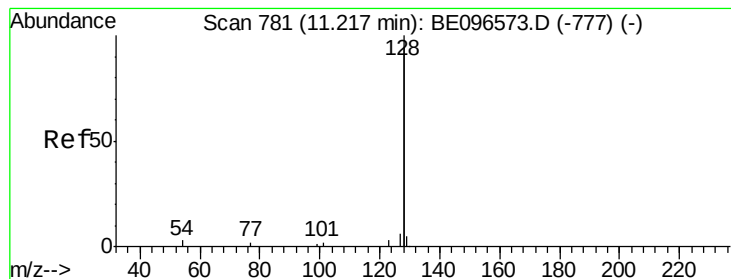


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: BE096612.D

Acq: 17 May 2018 16:34

Instrument :

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ClientSampleId :

LOQ-NPW-Precision-Bias-3

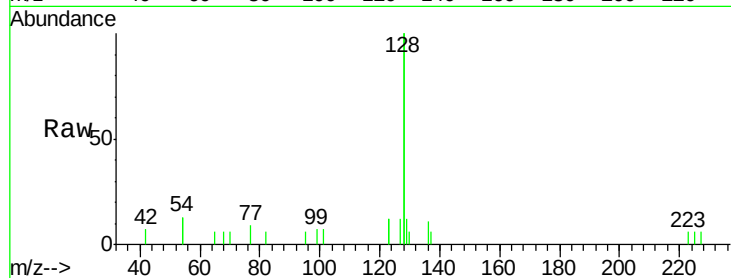
Tgt Ion:128 Resp: 2578

Ion Ratio Lower Upper

128 100

129 5.8 2.6 3.8#

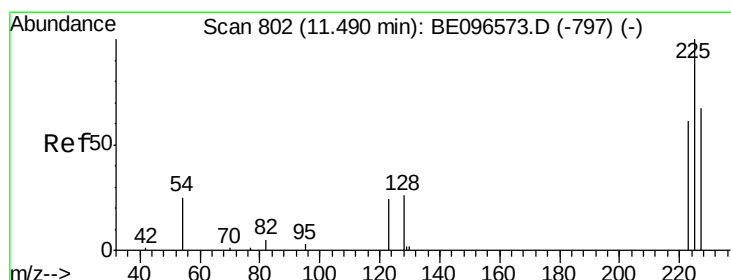
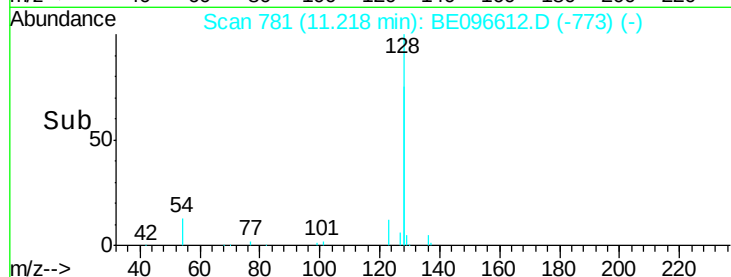
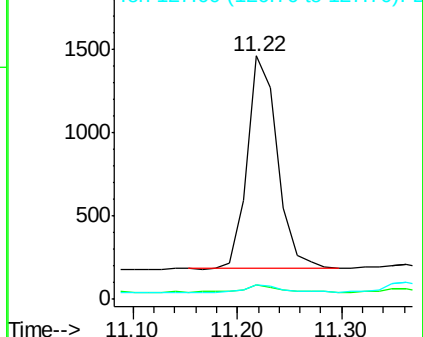
127 6.0 2.8 4.2#



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: 0.09 ng

RT: 11.49 min Scan# 802

Delta R.T. 0.00 min

Lab File: BE096612.D

Acq: 17 May 2018 16:34

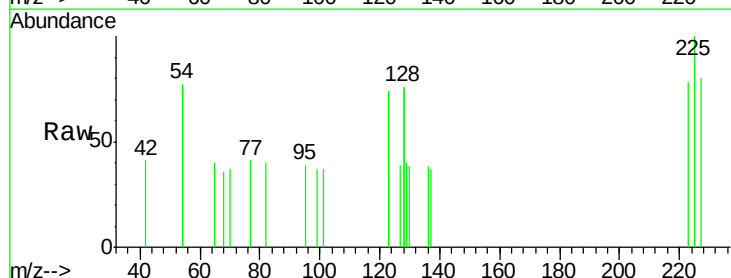
Tgt Ion:225 Resp: 142

Ion Ratio Lower Upper

225 100

223 62.7 53.0 79.6

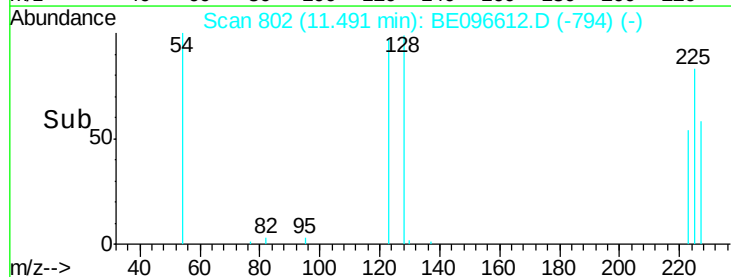
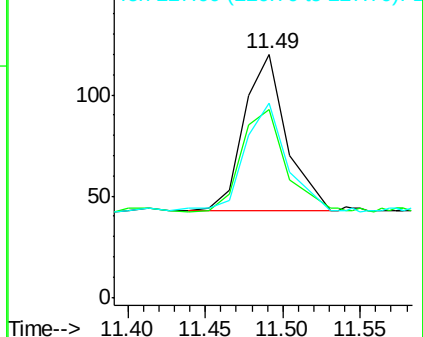
227 66.9 51.4 77.2

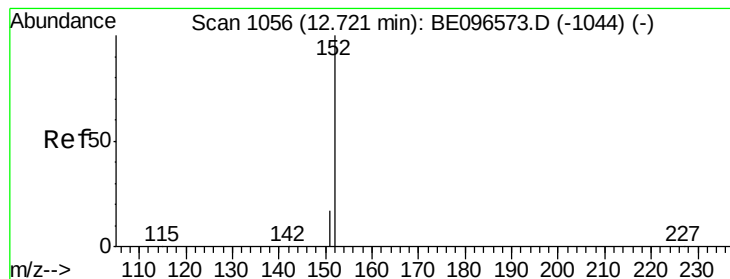


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.36 ng

RT: 12.72 min Scan# 1056

Delta R.T. -0.00 min

Lab File: BE096612.D

Acq: 17 May 2018 16:34

Instrument :

BNA_E

ClientSampleId :

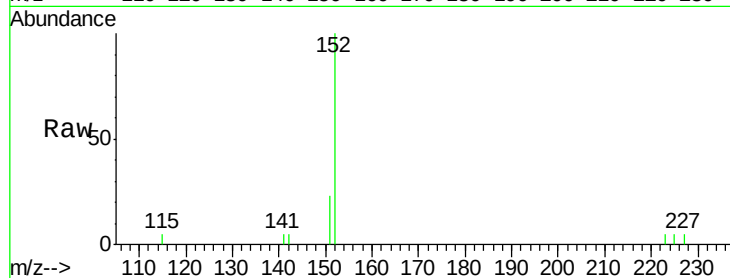
LOQ-NPW-Precision-Bias-3

Tgt Ion:152 Resp: 1608

Ion Ratio Lower Upper

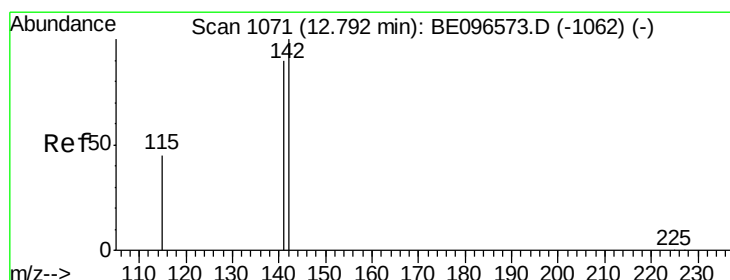
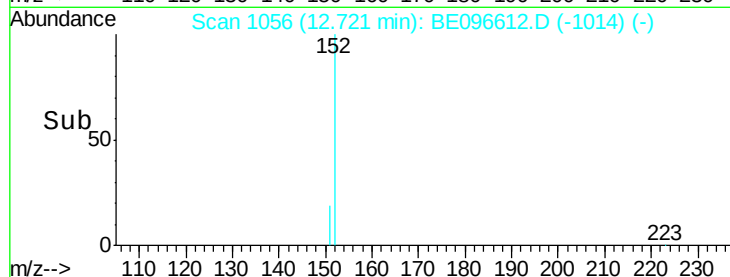
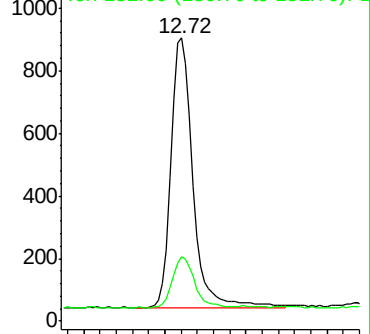
152 100

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



#12

2-Methylnaphthalene

Concen: 0.09 ng

RT: 12.80 min Scan# 1072

Delta R.T. 0.00 min

Lab File: BE096612.D

Acq: 17 May 2018 16:34

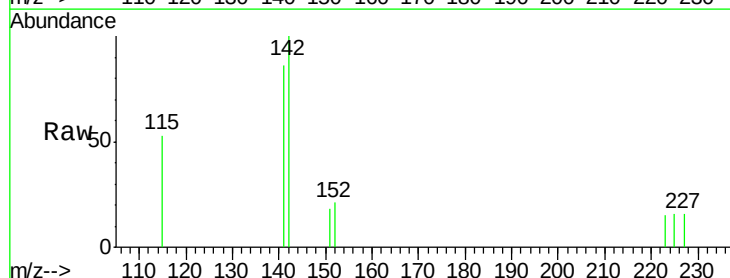
Tgt Ion:142 Resp: 425

Ion Ratio Lower Upper

142 100

141 86.5 70.4 105.6

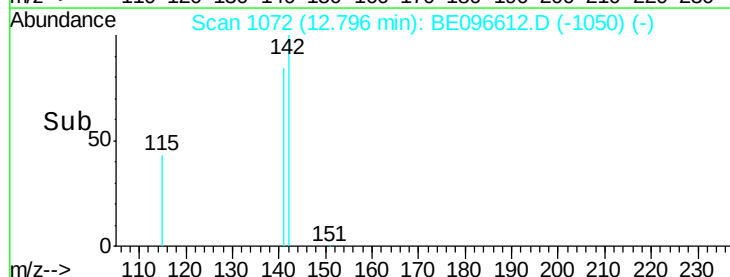
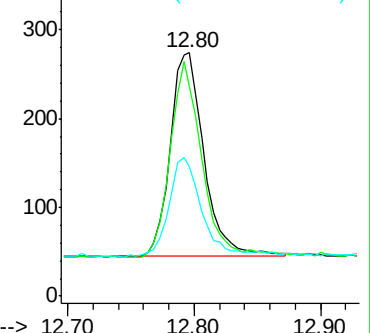
115 53.3 31.7 47.5#

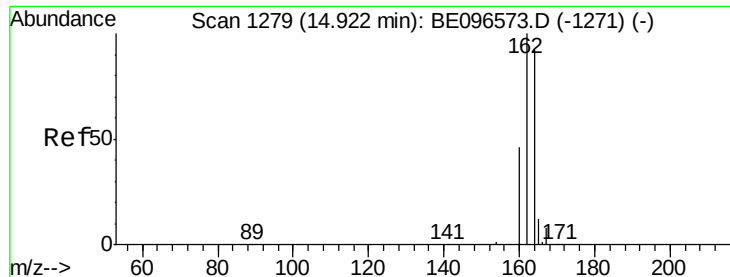


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

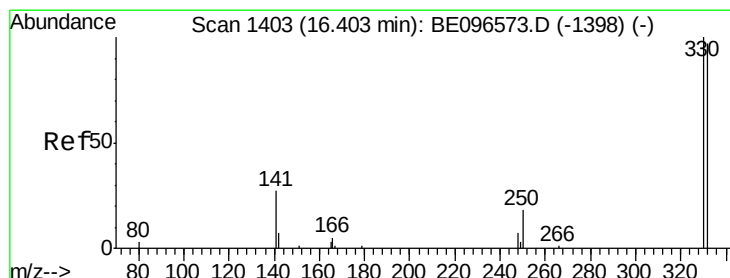
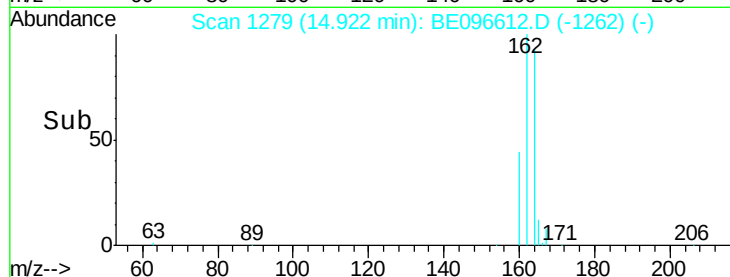
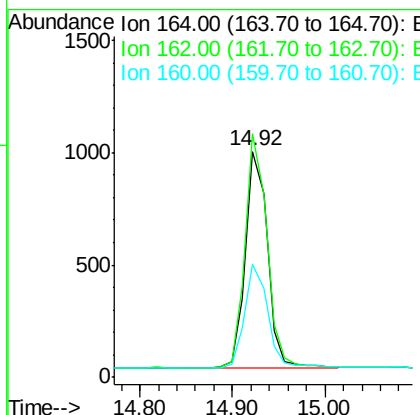
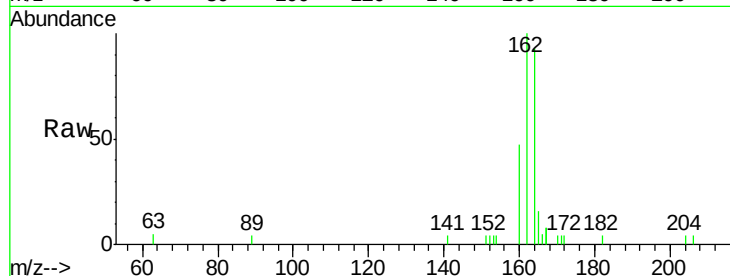




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.92 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BE096612.D
Acq: 17 May 2018 16:34

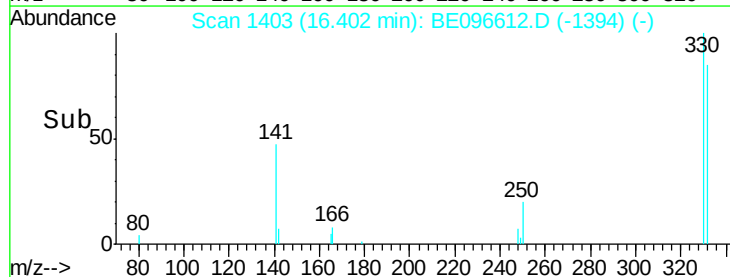
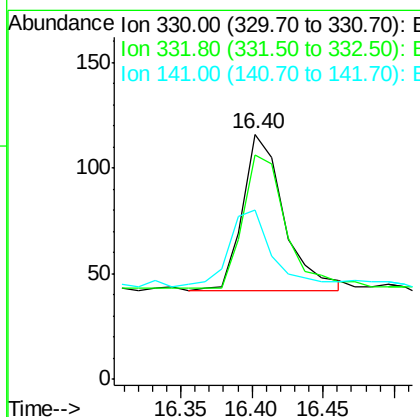
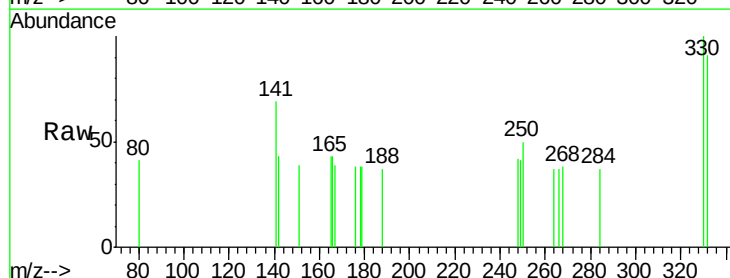
Instrument :
BNA_E
ClientSampleId :
LOQ-NPW-Precision-Bias-3

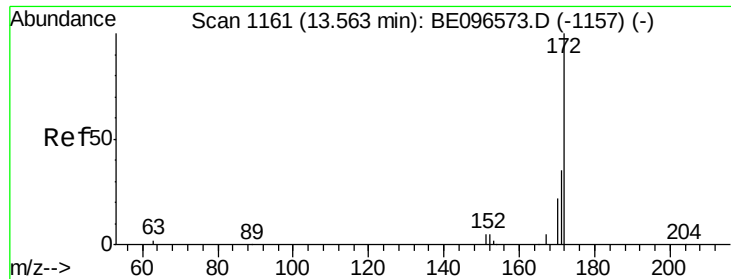
Tgt Ion:164 Resp: 1595
Ion Ratio Lower Upper
164 100
162 107.6 83.1 124.7
160 50.1 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 16.40 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BE096612.D
Acq: 17 May 2018 16:34

Tgt Ion:330 Resp: 150
Ion Ratio Lower Upper
330 100
332 86.7 152.7 229.1#
141 49.3 33.7 50.5

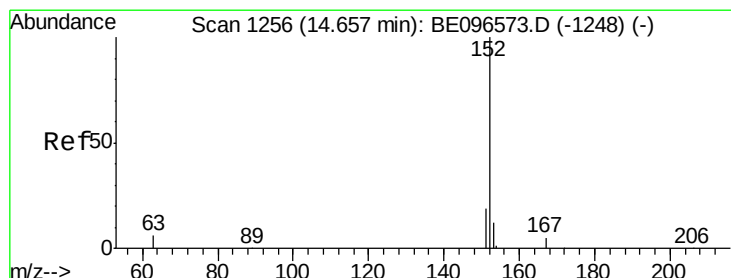
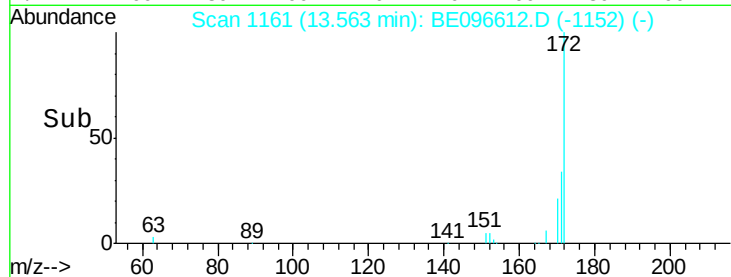
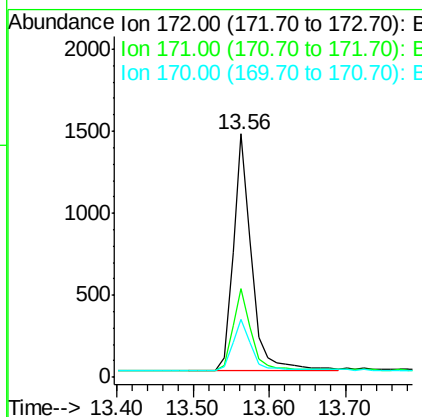
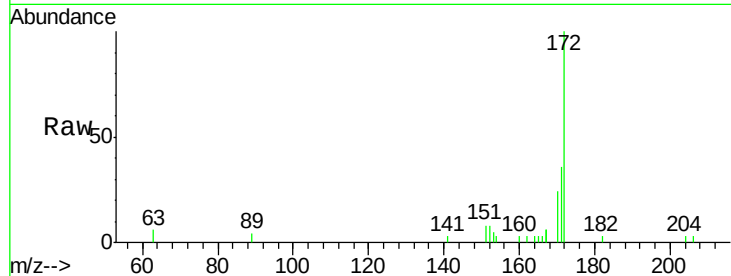




#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 13.56 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BE096612.D
Acq: 17 May 2018 16:34

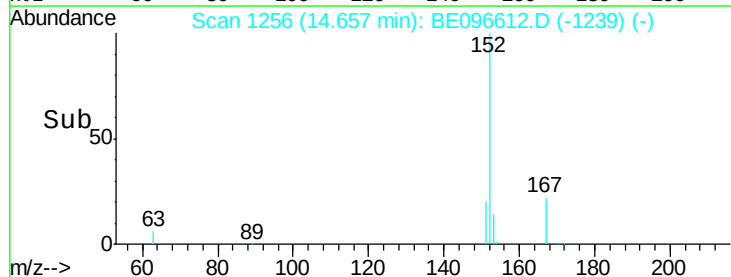
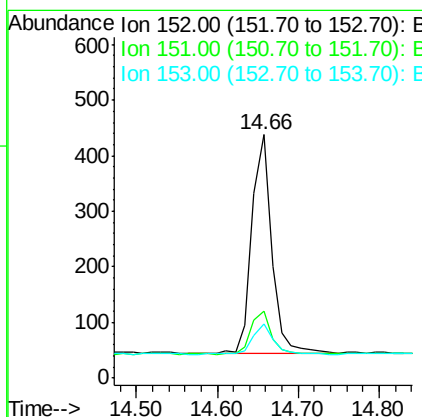
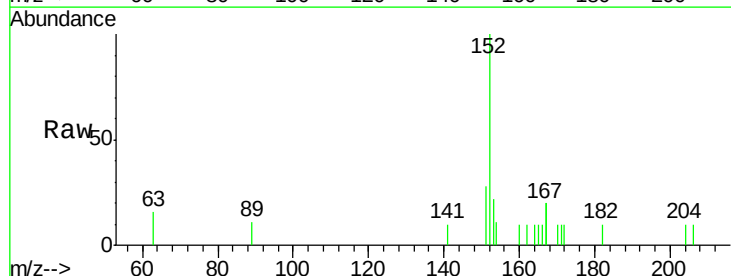
Instrument :
BNA_E
ClientSampleId :
LOQ-NPW-Precision-Bias-3

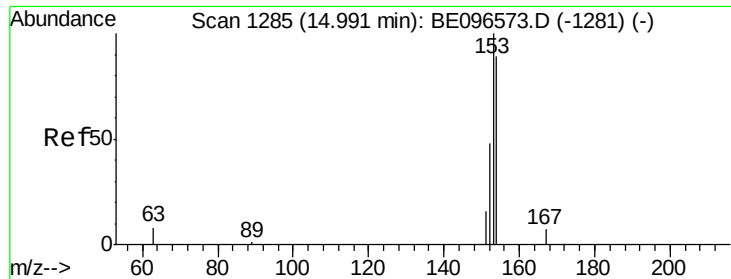
Tgt Ion:172 Resp: 2410
Ion Ratio Lower Upper
172 100
171 36.4 29.9 44.9
170 23.6 21.8 32.8



#16
Acenaphthylene
Concen: 0.08 ng
RT: 14.66 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BE096612.D
Acq: 17 May 2018 16:34

Tgt Ion:152 Resp: 676
Ion Ratio Lower Upper
152 100
151 20.4 15.7 23.5
153 14.8 10.5 15.7

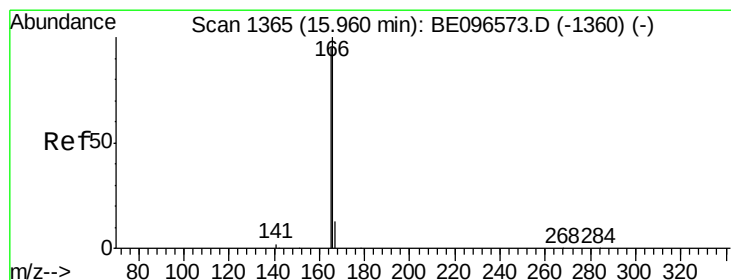
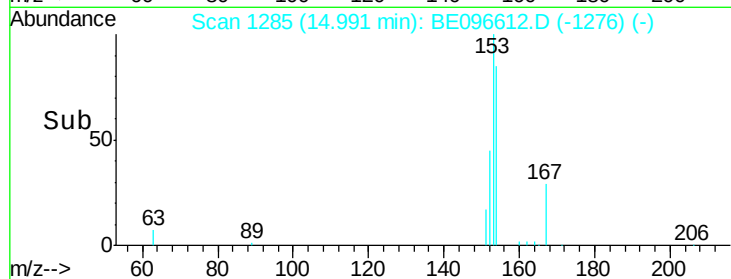
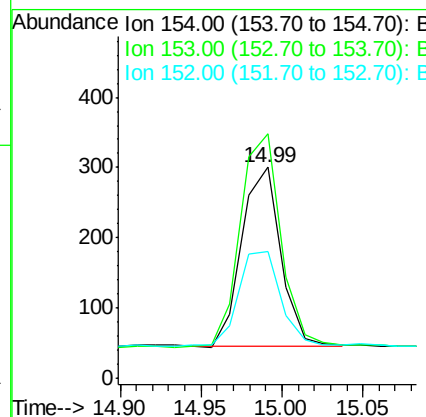
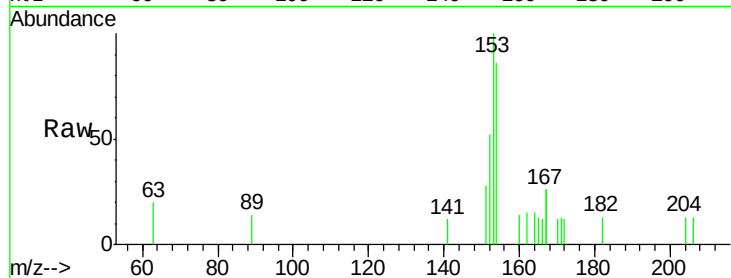




#17
Acenaphthene
Concen: 0.08 ng
RT: 14.99 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BE096612.D
Acq: 17 May 2018 16:34

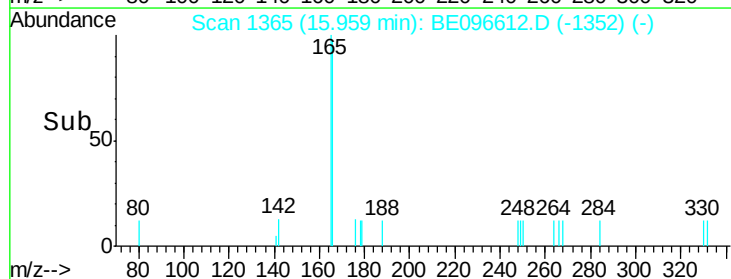
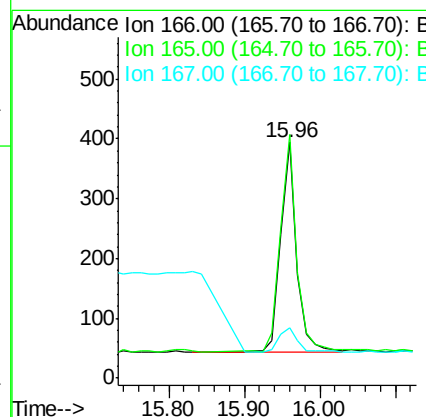
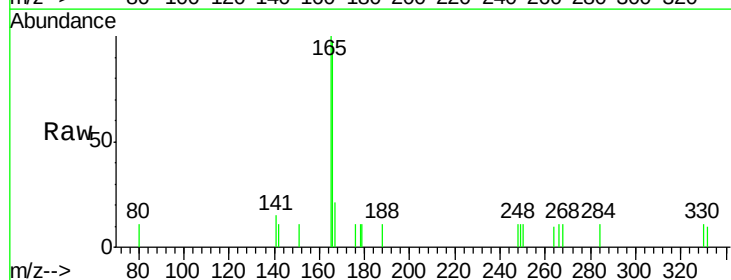
Instrument :
BNA_E
ClientSampleId :
LOQ-NPW-Precision-Bias-3

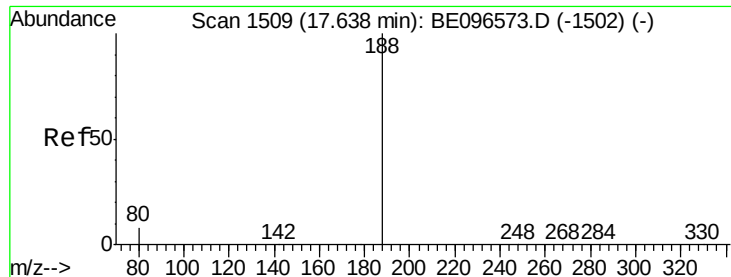
Tgt Ion:154 Resp: 429
Ion Ratio Lower Upper
154 100
153 125.4 89.2 133.8
152 57.1 42.0 63.0



#18
Fluorene
Concen: 0.11 ng
RT: 15.96 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BE096612.D
Acq: 17 May 2018 16:34

Tgt Ion:166 Resp: 693
Ion Ratio Lower Upper
166 100
165 106.6 77.8 116.6
167 10.7 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.64 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BE096612.D

Acq: 17 May 2018 16:34

Instrument :

BNA_E

ClientSampleId :

LOQ-NPW-Precision-Bias-3

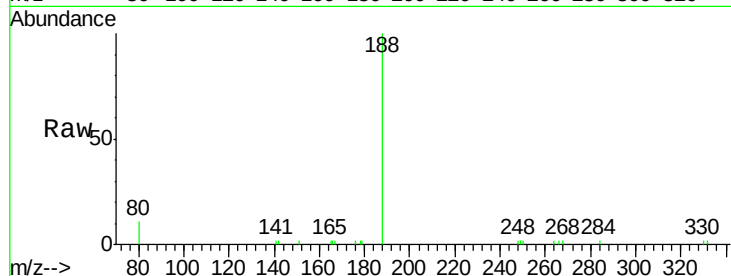
Tgt Ion:188 Resp: 3526

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

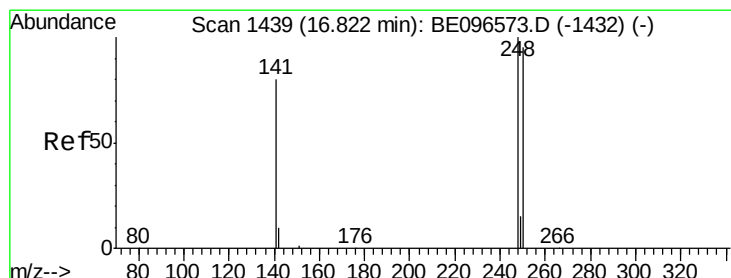
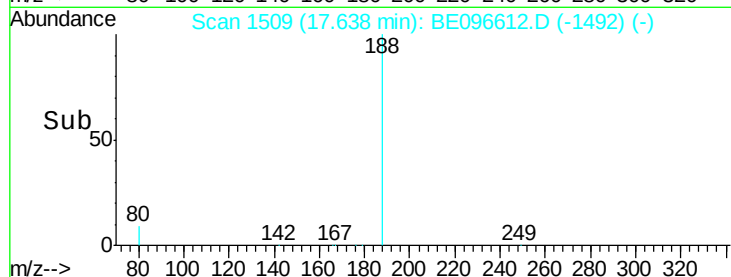
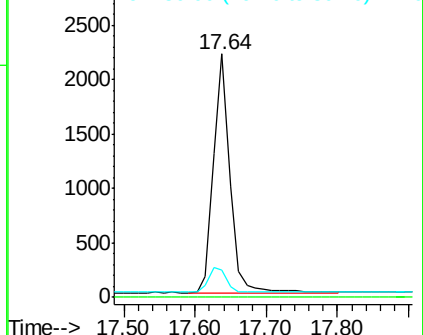
80 11.4 3.6 5.4#



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: BE096612.D

Acq: 17 May 2018 16:34

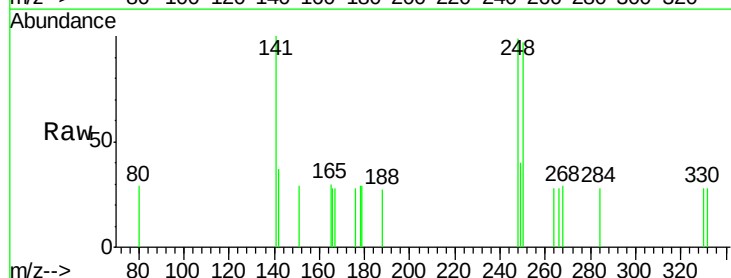
Tgt Ion:248 Resp: 187

Ion Ratio Lower Upper

248 100

250 98.1 62.7 94.1#

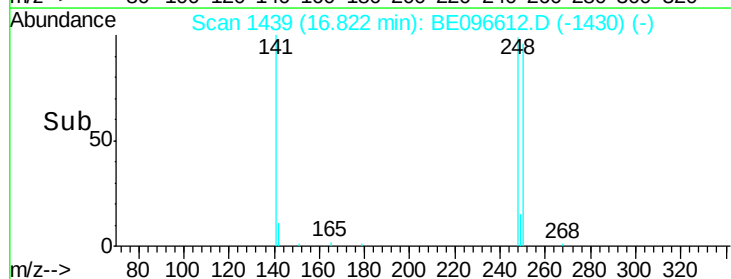
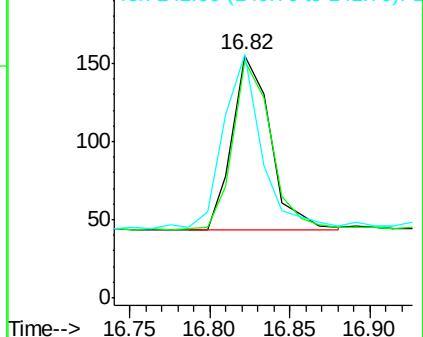
141 100.6 48.2 72.2#

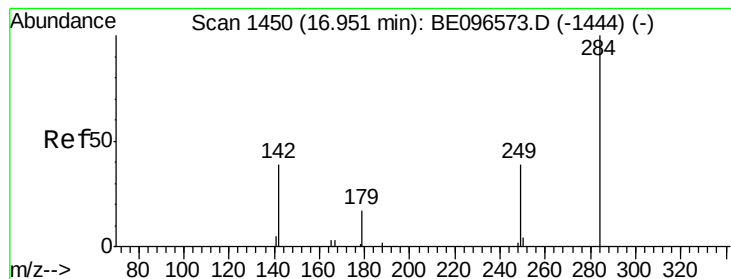


Abundance Ion 248.00 (247.70 to 248.70): E

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: BE096612.D

Acq: 17 May 2018 16:34

Instrument :

BNA_E

ClientSampleId :

LOQ-NPW-Precision-Bias-3

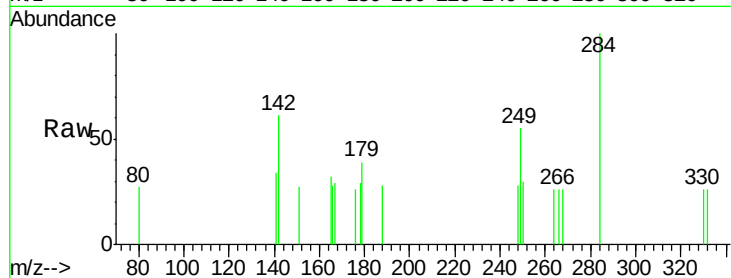
Tgt Ion:284 Resp: 205

Ion Ratio Lower Upper

284 100

142 47.8 22.1 33.1#

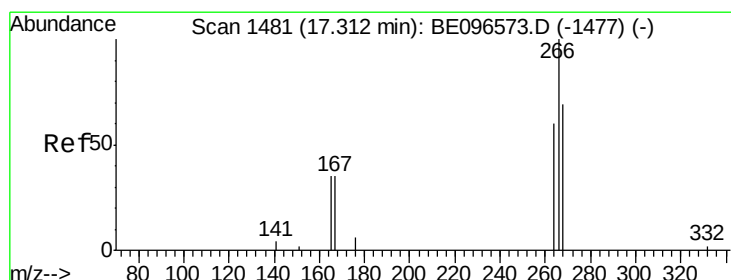
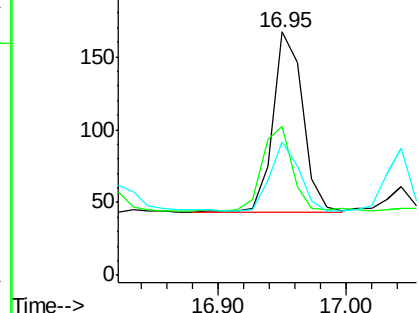
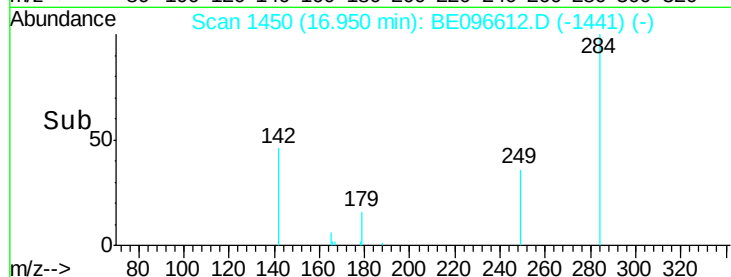
249 37.1 34.8 52.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.20 ng

RT: 17.35 min Scan# 1484

Delta R.T. 0.04 min

Lab File: BE096612.D

Acq: 17 May 2018 16:34

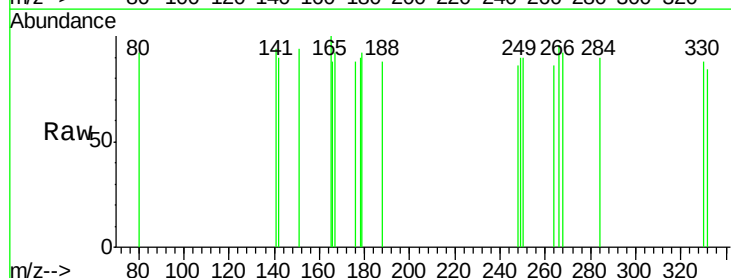
Tgt Ion:266 Resp: 16

Ion Ratio Lower Upper

266 100

264 89.6 72.5 108.7

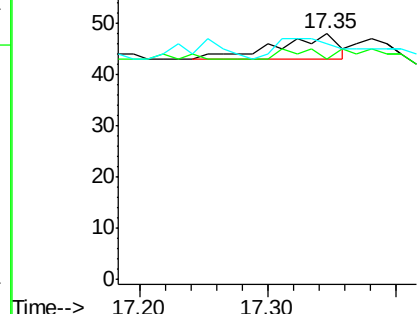
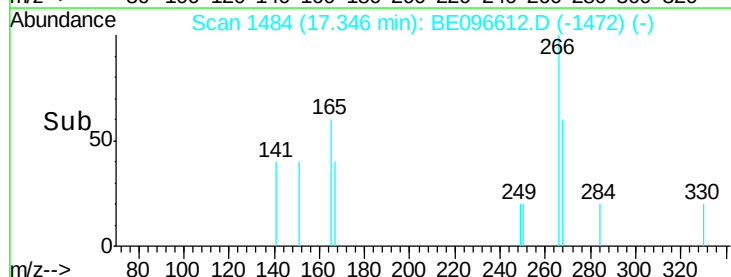
268 95.8 73.8 110.6

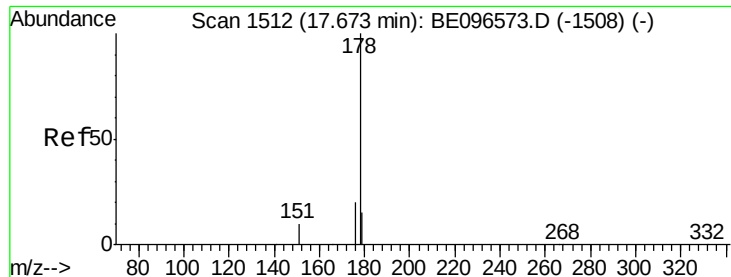


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.09 ng

RT: 17.67 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE096612.D

Acq: 17 May 2018 16:34

Instrument :

BNA_E

ClientSampleId :

LOQ-NPW-Precision-Bias-3

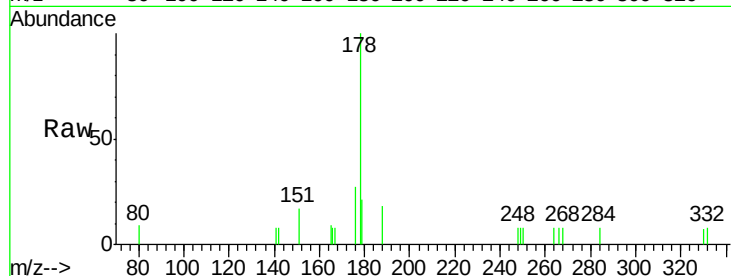
Tgt Ion:178 Resp: 889

Ion Ratio Lower Upper

178 100

176 20.5 15.1 22.7

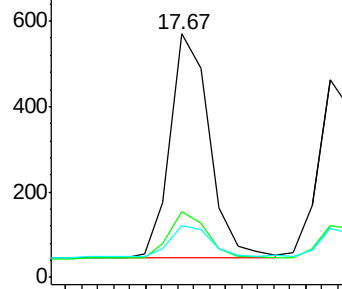
179 14.5 11.8 17.6



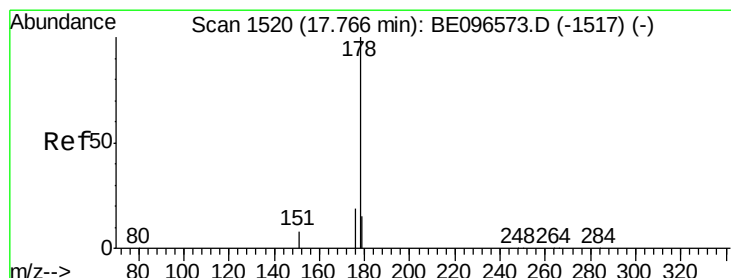
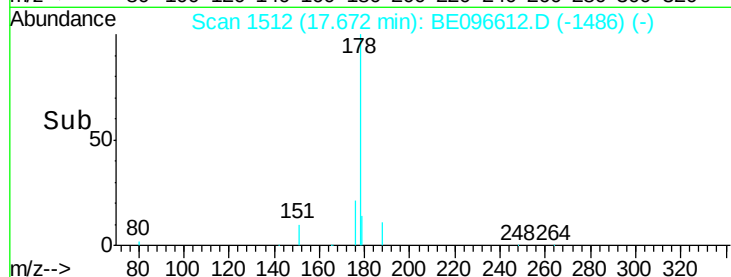
Abundance Ion 178.00 (177.70 to 178.70): E

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: BE096612.D

Acq: 17 May 2018 16:34

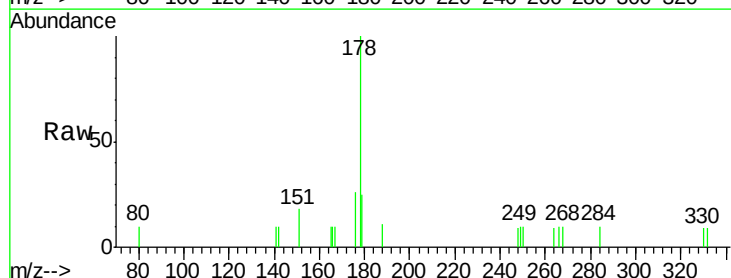
Tgt Ion:178 Resp: 751

Ion Ratio Lower Upper

178 100

176 18.8 12.8 19.2

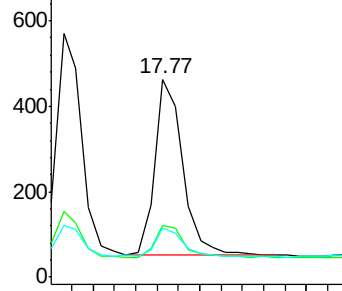
179 16.5 13.0 19.6



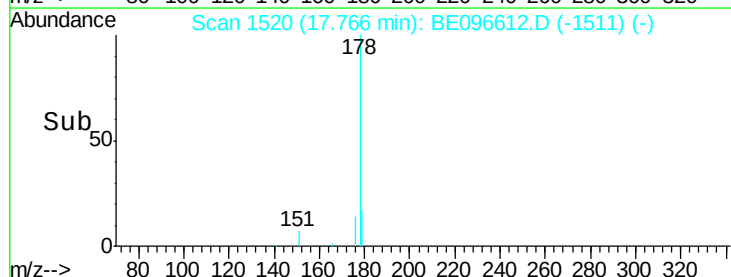
Abundance Ion 178.00 (177.70 to 178.70): E

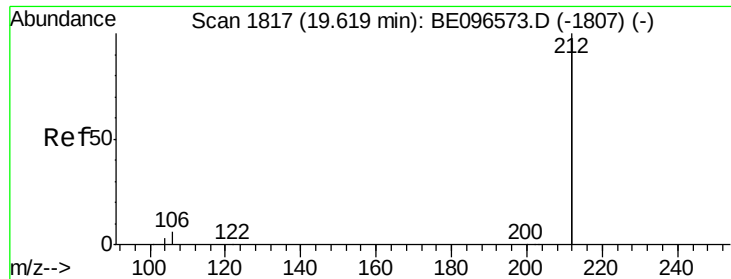
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

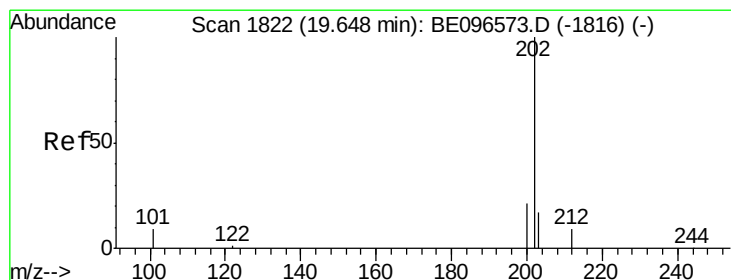
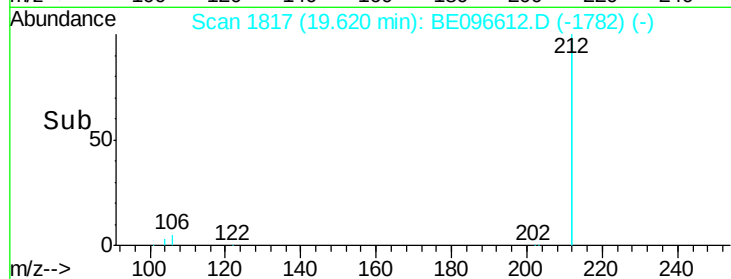
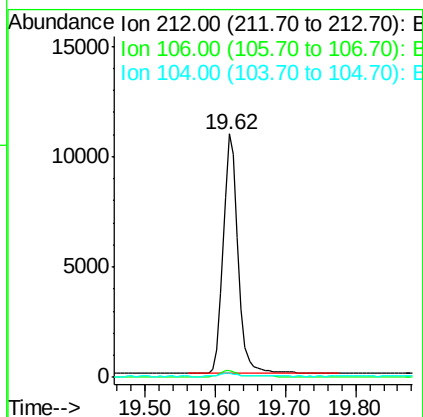
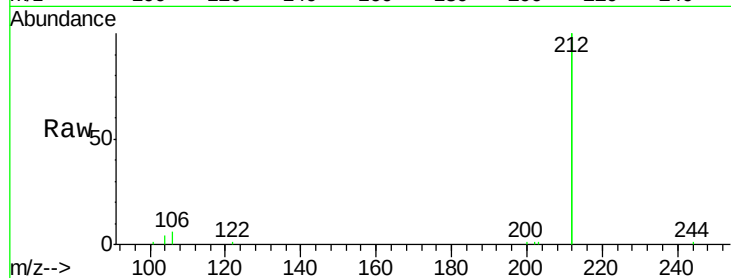




#25
 Fluoranthene-d10
 Concen: 0.37 ng
 RT: 19.62 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BE096612.D
 Acq: 17 May 2018 16:34

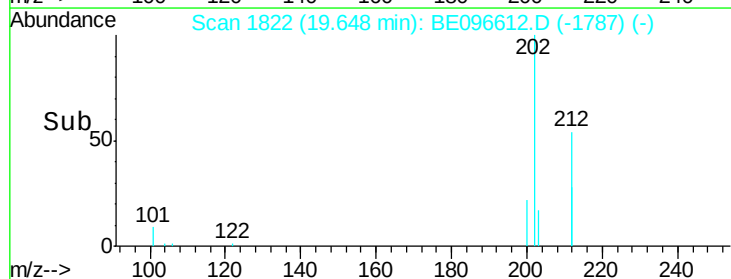
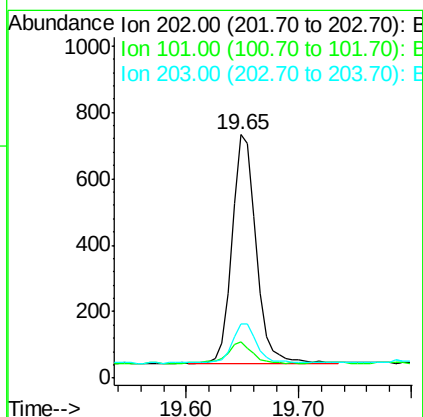
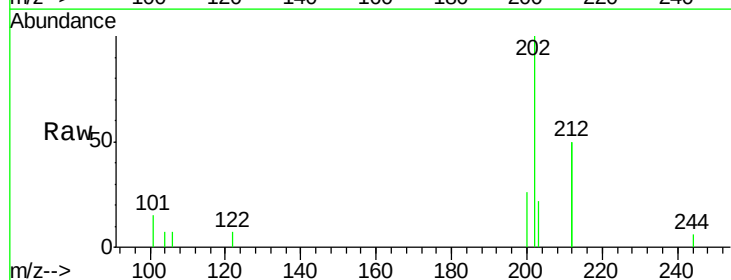
Instrument :
 BNA_E
 ClientSampleId :
 LOQ-NPW-Precision-Bias-3

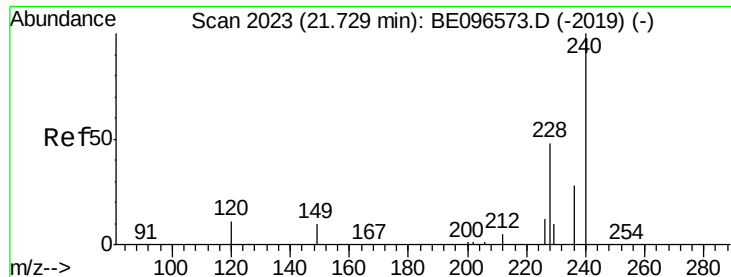
Tgt Ion: 212 Resp: 15985
 Ion Ratio Lower Upper
 212 100
 106 2.6 2.8 4.2#
 104 1.5 1.6 2.4#



#26
 Fluoranthene
 Concen: 0.09 ng
 RT: 19.65 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BE096612.D
 Acq: 17 May 2018 16:34

Tgt Ion: 202 Resp: 1034
 Ion Ratio Lower Upper
 202 100
 101 10.1 9.8 14.8
 203 17.4 13.7 20.5





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.74 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BE096612.D

Acq: 17 May 2018 16:34

Instrument :

BNA_E

ClientSampleId :

LOQ-NPW-Precision-Bias-3

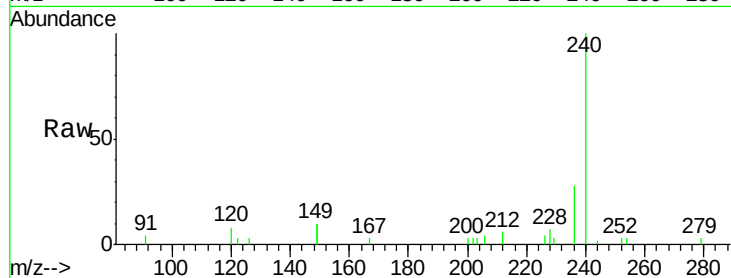
Tgt Ion:240 Resp: 3365

Ion Ratio Lower Upper

240 100

120 7.6 5.5 8.3

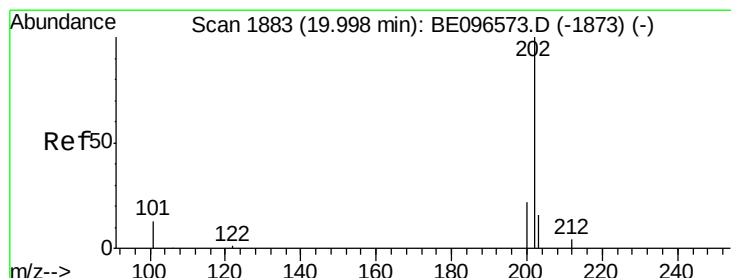
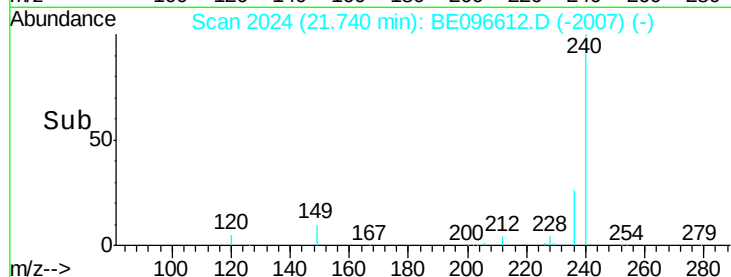
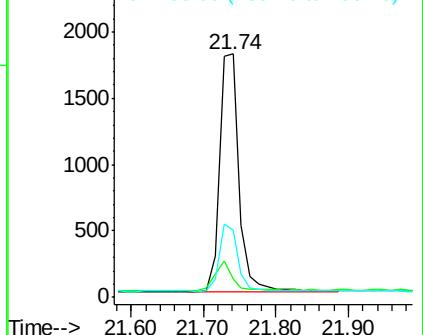
236 27.6 20.7 31.1



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: BE096612.D

Acq: 17 May 2018 16:34

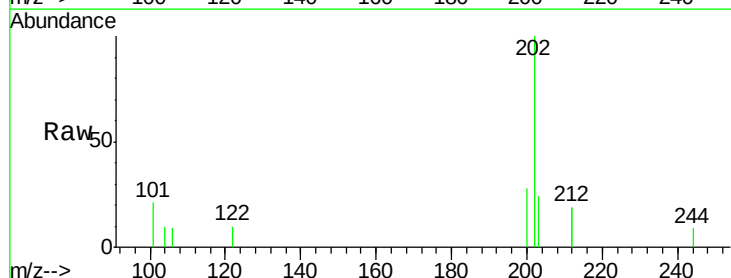
Tgt Ion:202 Resp: 533

Ion Ratio Lower Upper

202 100

200 21.4 16.6 25.0

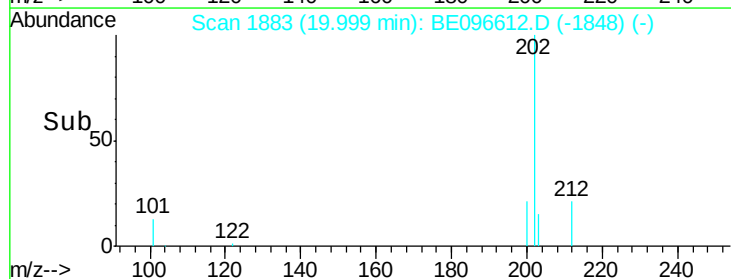
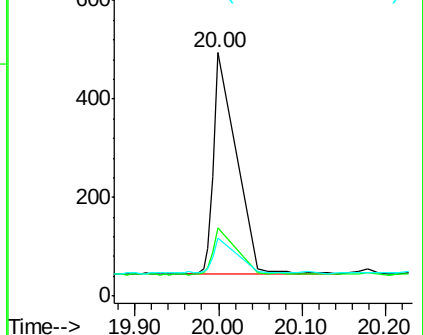
203 18.2 13.8 20.8

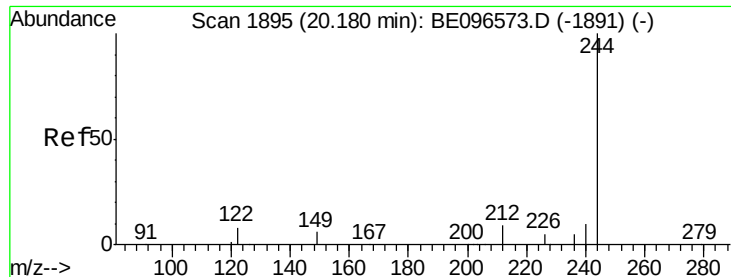


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.32 ng

RT: 20.18 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BE096612.D

Acq: 17 May 2018 16:34

Instrument :

BNA_E

ClientSampleId :

LOQ-NPW-Precision-Bias-3

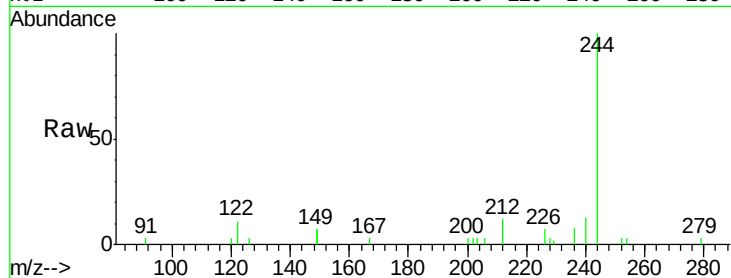
Tgt Ion:244 Resp: 2443

Ion Ratio Lower Upper

244 100

212 12.4 25.4 38.0#

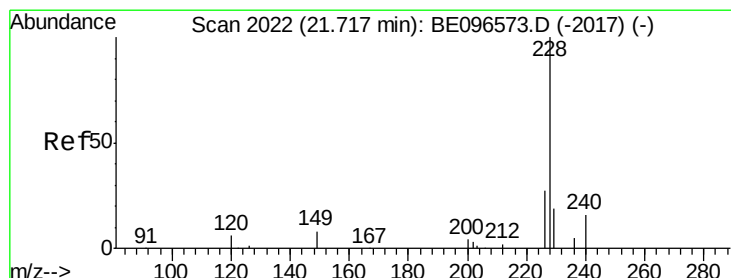
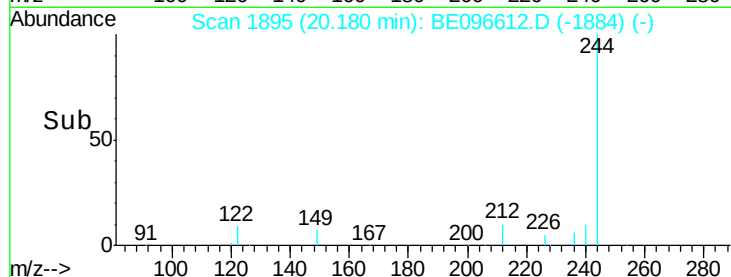
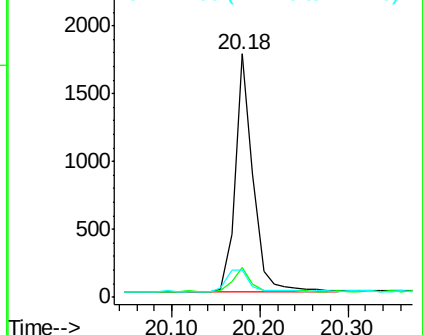
122 11.4 8.1 12.1



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# 222

Delta R.T. -0.00 min

Lab File: BE096612.D

Acq: 17 May 2018 16:34

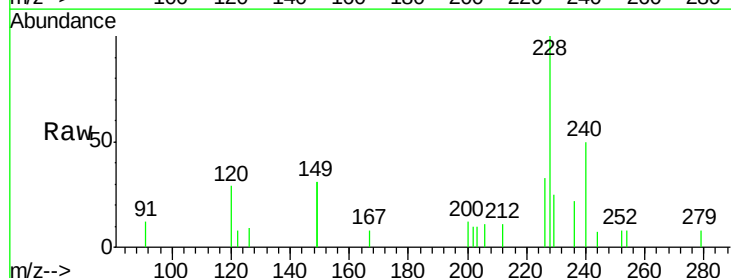
Tgt Ion:228 Resp: 924

Ion Ratio Lower Upper

228 100

226 32.9 24.0 36.0

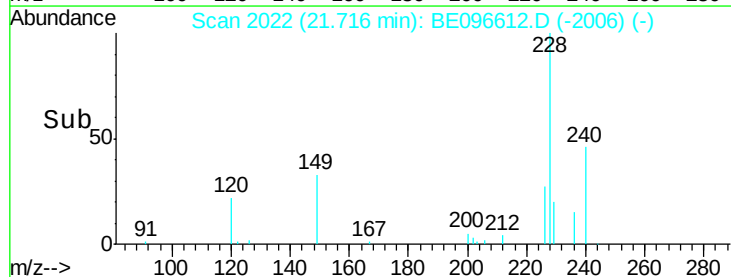
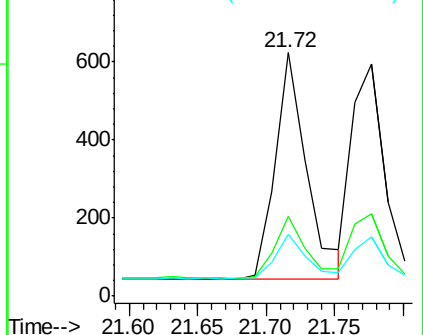
229 25.3 16.0 24.0#

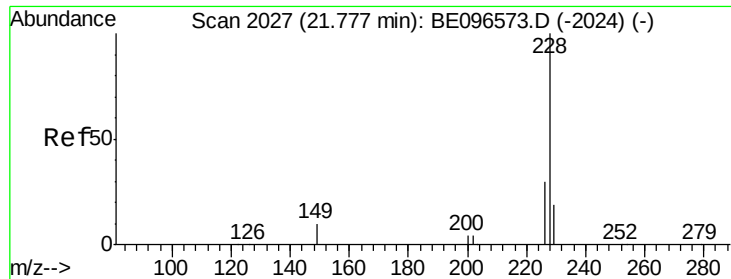


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.09 ng

RT: 21.78 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE096612.D

Acq: 17 May 2018 16:34

Instrument :

BNA_E

ClientSampleId :

LOQ-NPW-Precision-Bias-3

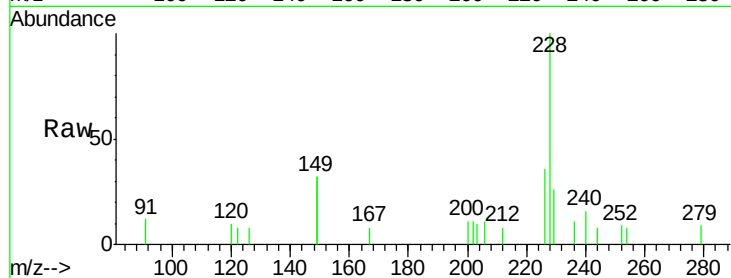
Tgt Ion:228 Resp: 939

Ion Ratio Lower Upper

228 100

226 35.5 24.0 36.0

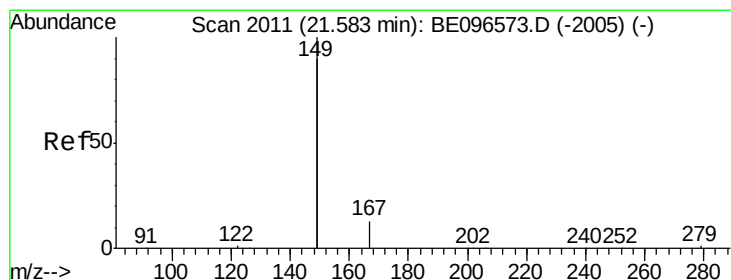
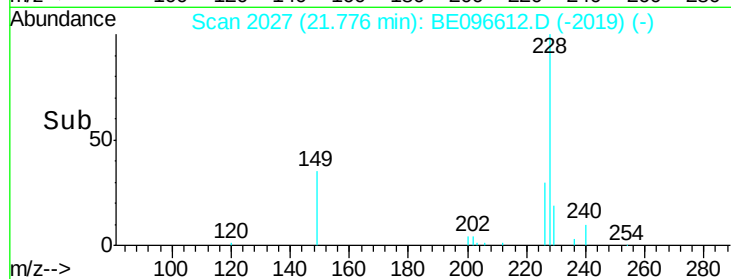
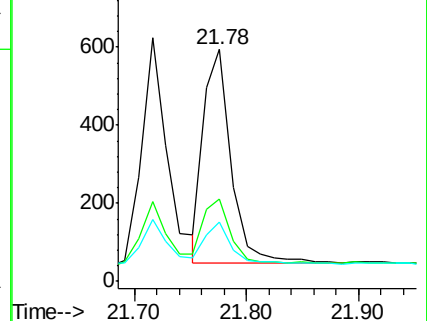
229 25.8 16.0 24.0#



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: 0.08 ng

RT: 21.58 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BE096612.D

Acq: 17 May 2018 16:34

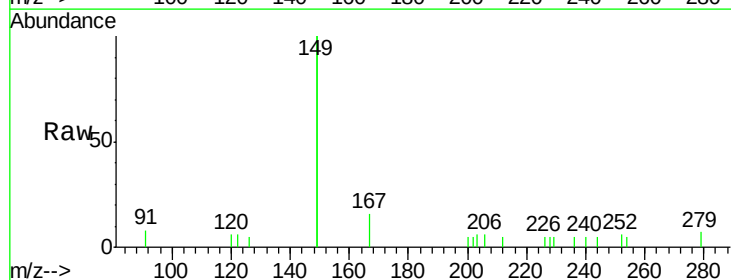
Tgt Ion:149 Resp: 1680

Ion Ratio Lower Upper

149 100

167 7.6 5.4 8.0

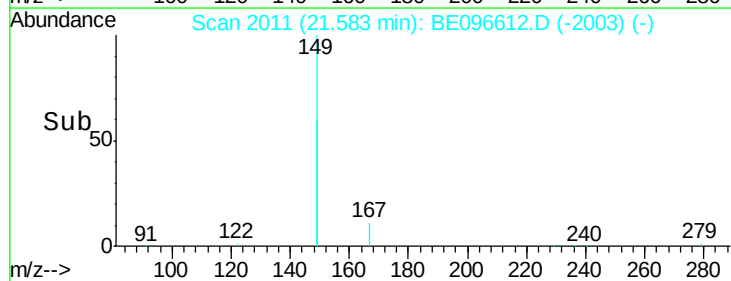
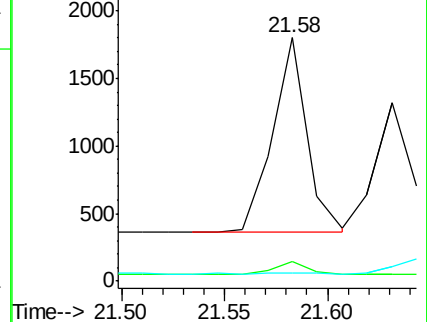
279 1.3 0.7 1.1#

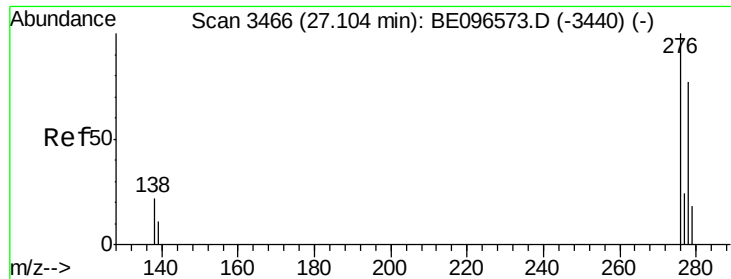


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE096612.D

Acq: 17 May 2018 16:34

Instrument :

BNA_E

ClientSampleId :

LOQ-NPW-Precision-Bias-3

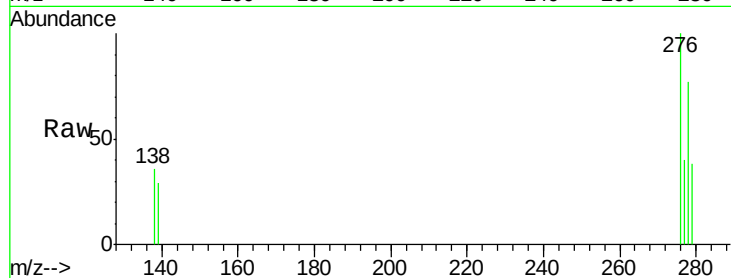
Tgt Ion:276 Resp: 788

Ion Ratio Lower Upper

276 100

138 20.6 22.5 33.7#

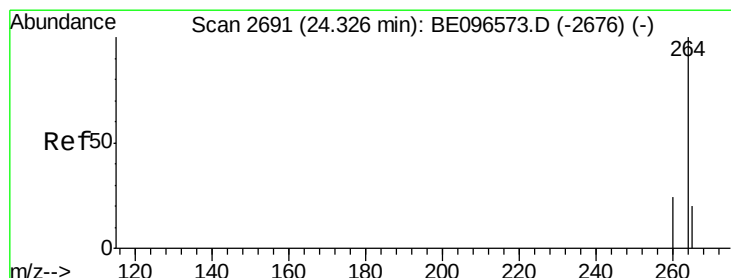
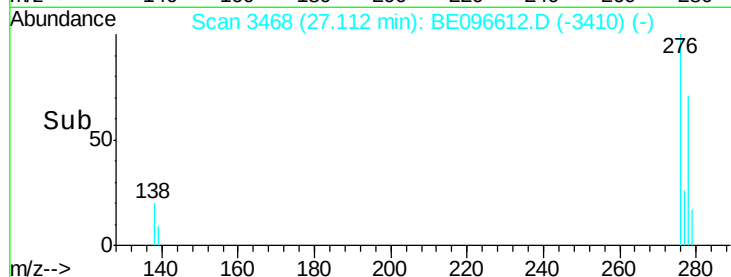
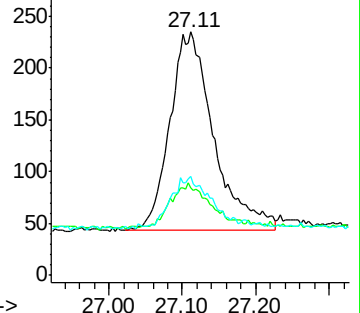
277 22.5 19.9 29.9



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# 2692

Delta R.T. 0.00 min

Lab File: BE096612.D

Acq: 17 May 2018 16:34

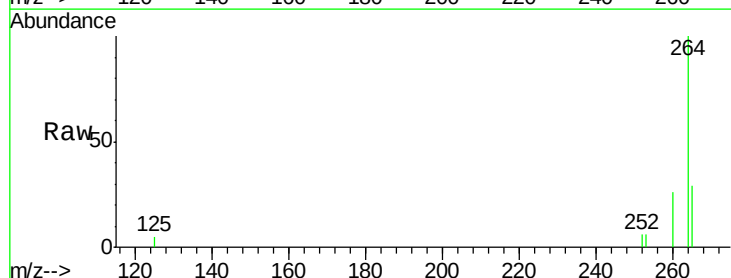
Tgt Ion:264 Resp: 3030

Ion Ratio Lower Upper

264 100

260 26.4 20.5 30.7

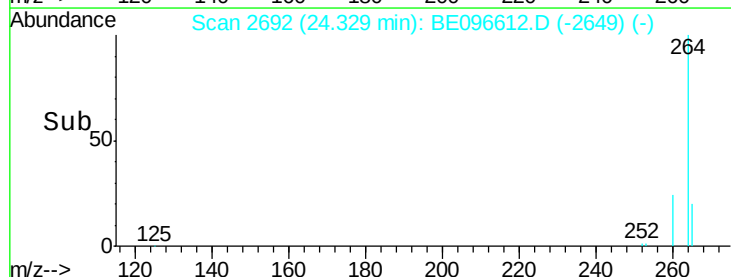
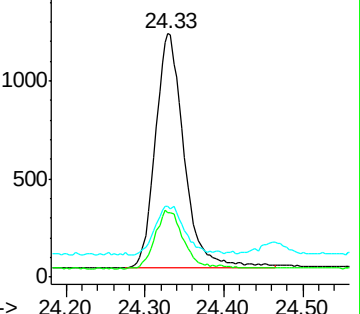
265 29.3 22.8 34.2

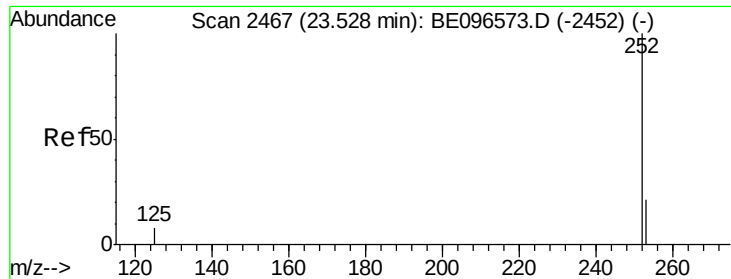


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.08 ng

RT: 23.53 min Scan# 2467

Delta R.T. -0.00 min

Lab File: BE096612.D

Acq: 17 May 2018 16:34

Instrument :

BNA_E

ClientSampleId :

LOQ-NPW-Precision-Bias-3

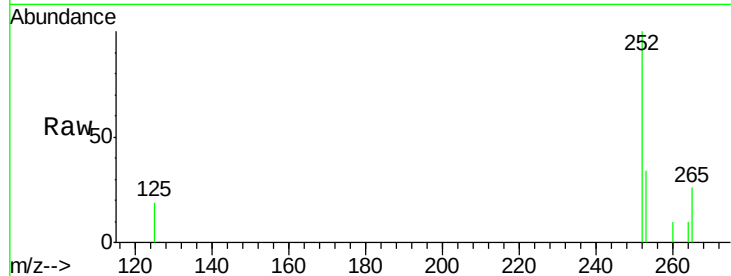
Tgt Ion:252 Resp: 793

Ion Ratio Lower Upper

252 100

253 33.8 20.0 30.0#

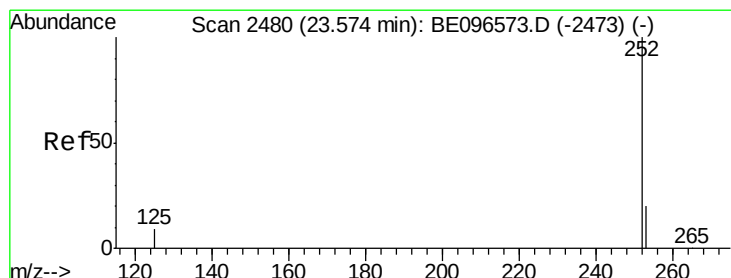
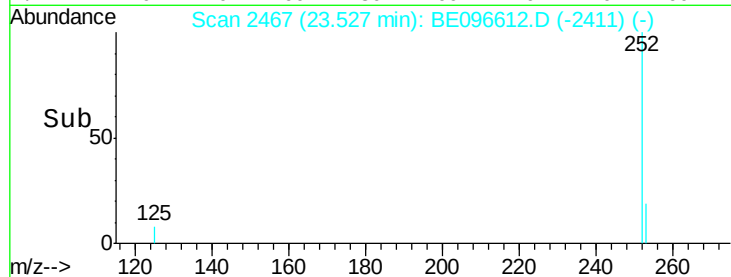
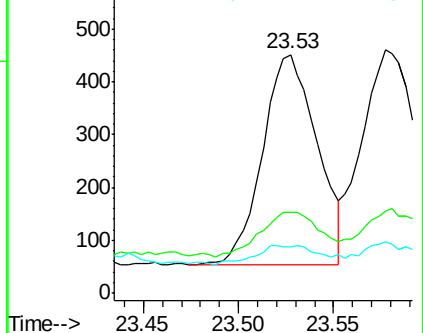
125 19.2 16.0 24.0



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# 2481

Delta R.T. 0.00 min

Lab File: BE096612.D

Acq: 17 May 2018 16:34

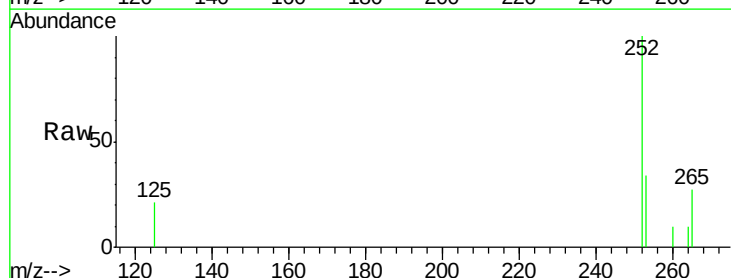
Tgt Ion:252 Resp: 858

Ion Ratio Lower Upper

252 100

253 33.6 16.0 24.0#

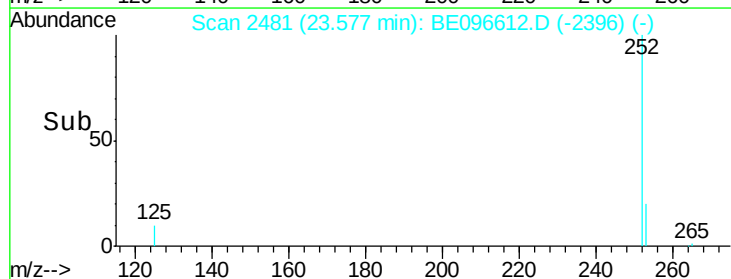
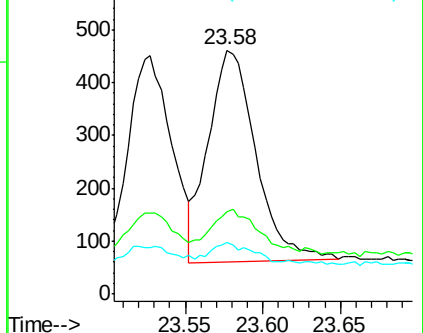
125 21.3 8.0 12.0#

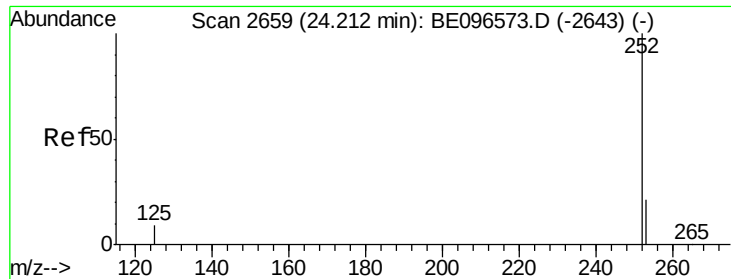


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.08 ng

RT: 24.22 min Scan# 2660

Delta R.T. 0.00 min

Lab File: BE096612.D

Acq: 17 May 2018 16:34

Instrument :

BNA_E

ClientSampleId :

LOQ-NPW-Precision-Bias-3

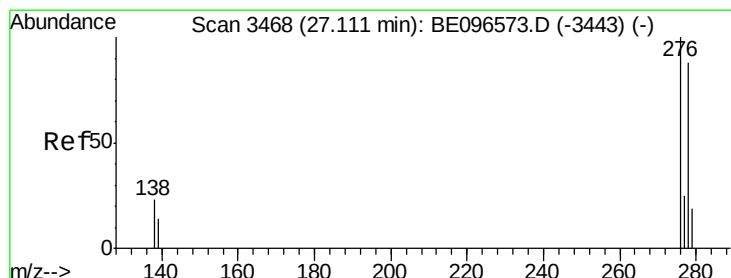
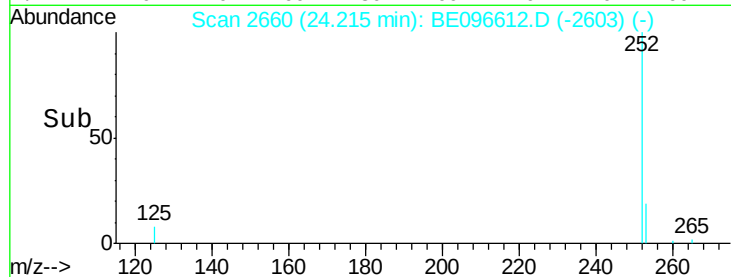
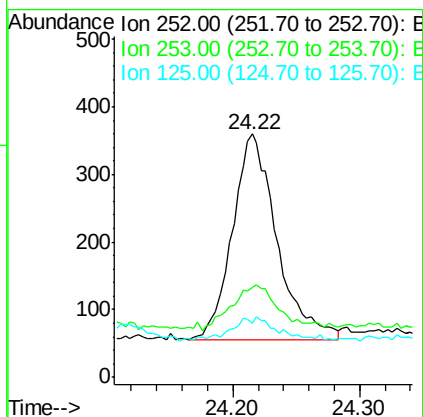
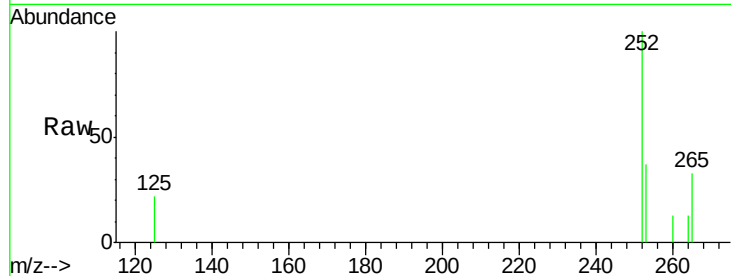
Tgt Ion:252 Resp: 747

Ion Ratio Lower Upper

252 100

253 36.9 16.0 24.0#

125 21.9 12.0 18.0#



#38

Dibenzo(a,h)anthracene

Concen: 0.03 ng

RT: 27.11 min Scan# 3467

Delta R.T. -0.00 min

Lab File: BE096612.D

Acq: 17 May 2018 16:34

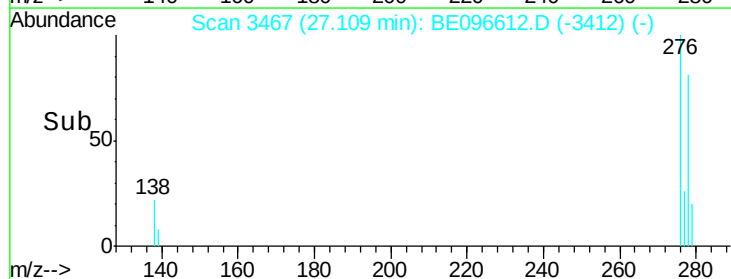
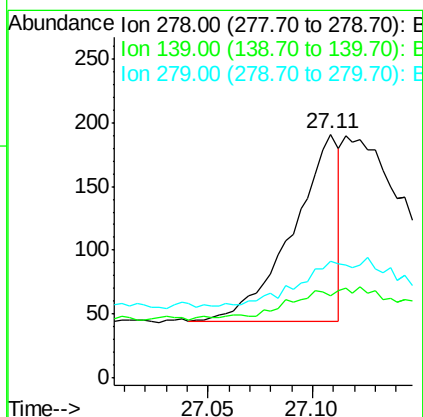
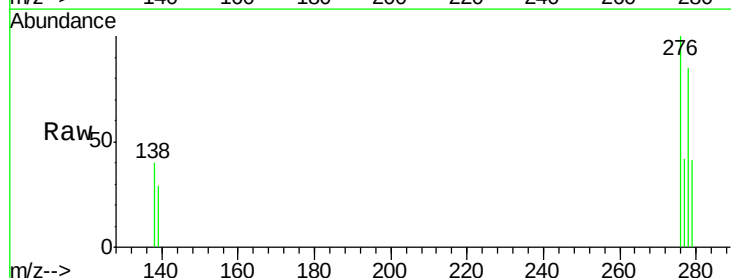
Tgt Ion:278 Resp: 225

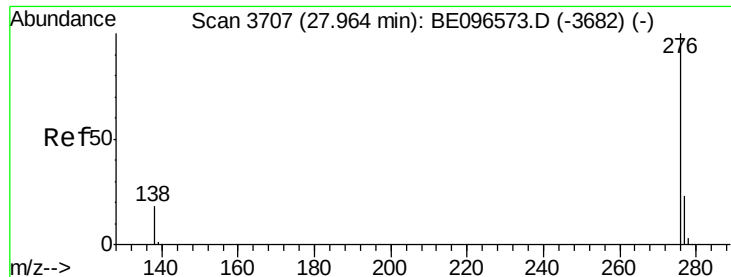
Ion Ratio Lower Upper

278 100

139 33.5 16.0 24.0#

279 47.6 20.0 30.0#





#39

Benzo(g,h,i)perylene

Concen: 0.08 ng

RT: 27.96 min Scan# 3707

Delta R.T. 0.00 min

Lab File: BE096612.D

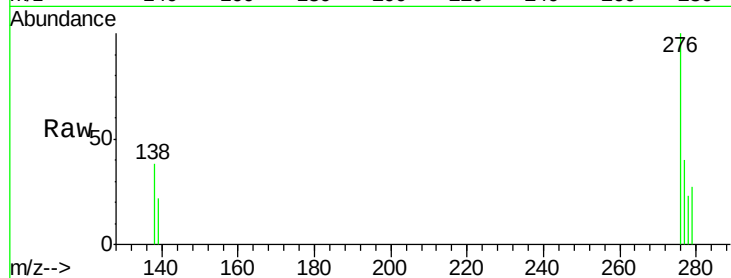
Acq: 17 May 2018 16:34

Instrument :

BNA_E

ClientSampleId :

LOQ-NPW-Precision-Bias-3



Tgt Ion: 276 Resp: 703

Ion Ratio Lower Upper

276 100

277 39.8 16.0 24.0#

138 38.0 20.0 30.0#

