

Data File : BE096600.D
Acq On : 17 May 2018 8:58
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: May 18 05:09:32 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	8.34	152	729	0.40	ng	0.00
7) Naphthalene-d8	11.18	136	2823	0.40	ng	0.00
13) Acenaphthene-d10	14.92	164	1660	0.40	ng	0.00
19) Phenanthrene-d10	17.64	188	3703	0.40	ng	0.00
27) Chrysene-d12	21.73	240	3550	0.40	ng	0.00
34) Perylene-d12	24.33	264	3279	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.85	112	715	0.36	ng	0.00
5) Phenol-d6	7.50	99	993	0.35	ng	0.00
8) Nitrobenzene-d5	9.44	82	112	0.04	ng	-0.09
11) 2-Methylnaphthalene-d10	12.72	152	1752	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.40	330	227	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.56	172	2709	0.38	ng	0.00
25) Fluoranthene-d10	19.62	212	17164	0.38	ng	0.00
29) Terphenyl-d14	20.18	244	3099	0.39	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.58	88	386	0.35	ng	89
3) n-Nitrosodimethylamine	3.95	42	508	0.37	ng	# 71
6) bis(2-Chloroethyl)ether	7.74	93	964	0.36	ng	89
9) Naphthalene	11.22	128	11441	0.39	ng	99
10) Hexachlorobutadiene	11.49	225	637	0.38	ng	96
12) 2-Methylnaphthalene	12.79	142	1936	0.38	ng	96
16) Acenaphthylene	14.66	152	3227	0.37	ng	100
17) Acenaphthene	14.98	154	2014	0.38	ng	96
18) Fluorene	15.96	166	2482	0.38	ng	# 79
20) 4-Bromophenyl-phenylether	16.82	248	869	0.39	ng	# 83
21) Hexachlorobenzene	16.95	284	901	0.38	ng	# 81
22) Pentachlorophenol	17.31	266	140	0.37	ng	# 81
23) Phenanthrene	17.67	178	3886	0.37	ng	98
24) Anthracene	17.77	178	3580	0.37	ng	96
26) Fluoranthene	19.65	202	4724	0.38	ng	# 97
28) Pyrene	20.00	202	2181	0.34	ng	# 92
30) Benzo(a)anthracene	21.72	228	4149	0.38	ng	96
31) Chrysene	21.77	228	4315	0.38	ng	97
32) Bis(2-ethylhexyl)phthalate	21.58	149	8133	0.35	ng	100
33) Indeno(1,2,3-cd)pyrene	27.10	276	4082	0.37	ng	# 92
35) Benzo(b)fluoranthene	23.52	252	3832	0.38	ng	# 92
36) Benzo(k)fluoranthene	23.58	252	4052	0.38	ng	# 91
37) Benzo(a)pyrene	24.21	252	3696	0.38	ng	# 93
38) Dibenzo(a,h)anthracene	27.11	278	3269	0.37	ng	95
39) Benzo(g,h,i)perylene	27.97	276	3469	0.37	ng	# 91

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

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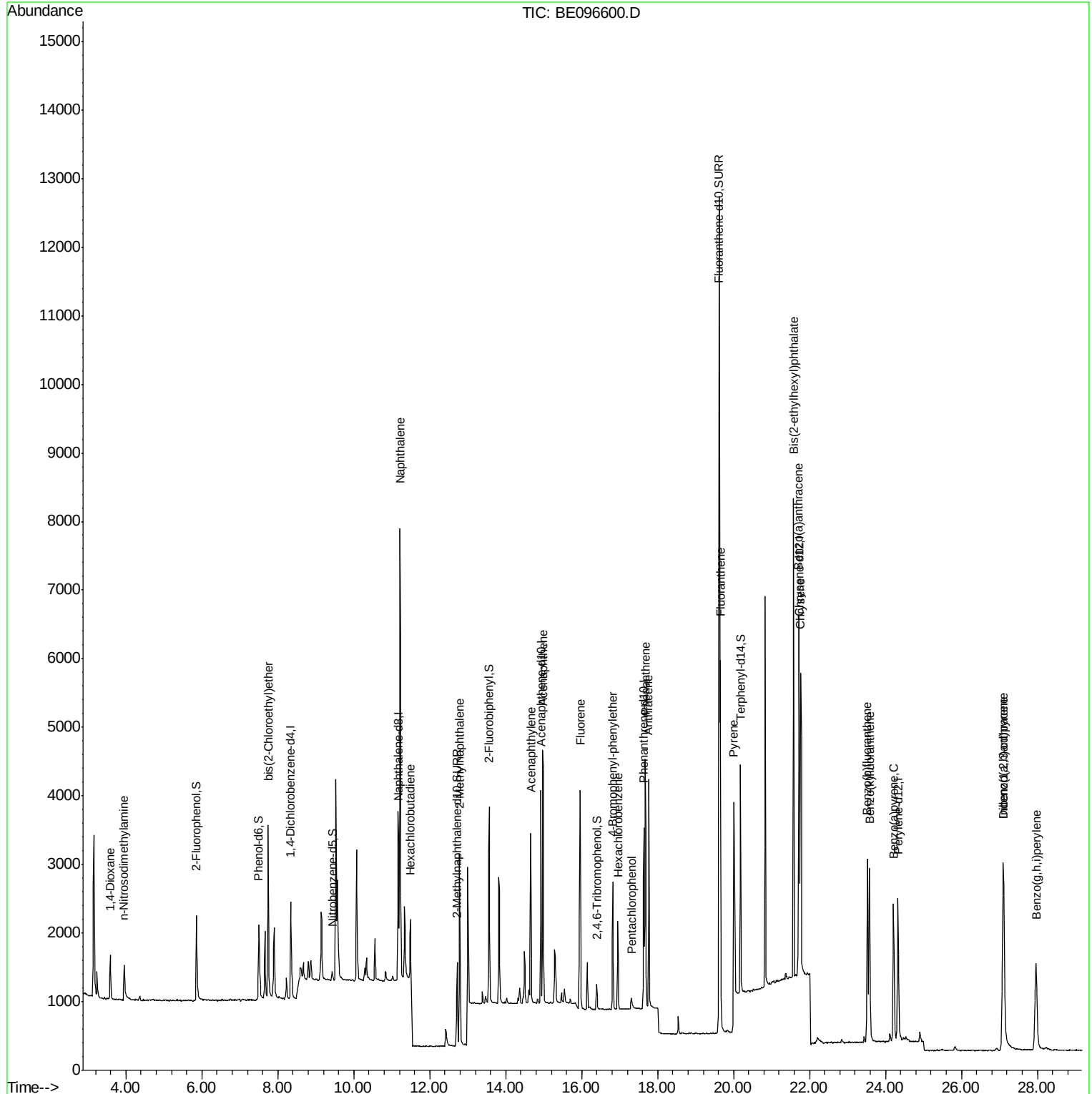
Quant Time: May 18 05:09:32 2018

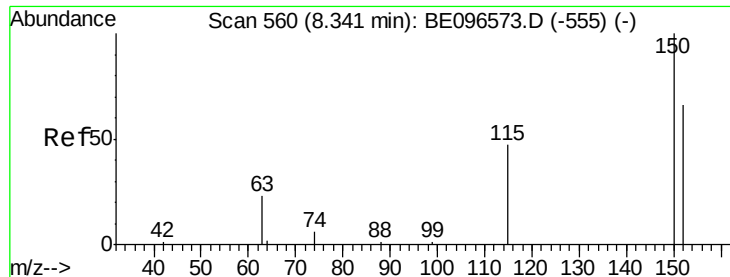
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051518.M

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: 8.34 min Scan# 560

Delta R.T. -0.00 min

Lab File: BE096600.D

Acq: 17 May 2018 8:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

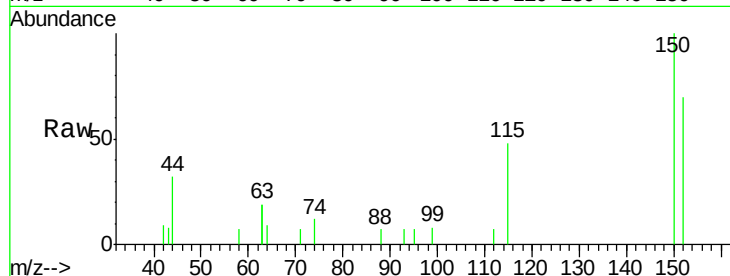
Tgt Ion: 152 Resp: 729

Ion Ratio Lower Upper

152 100

150 142.3 117.2 175.8

115 68.1 57.0 85.6



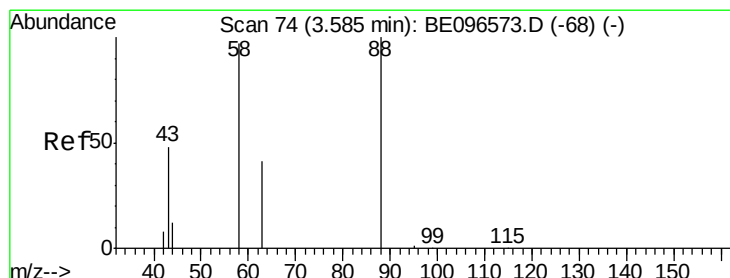
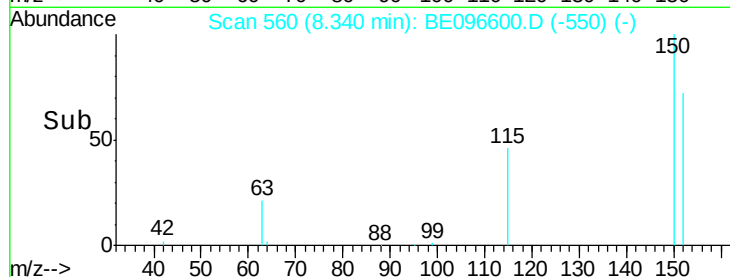
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

8.34

Time-->



#2

1,4-Dioxane

Concen: 0.35 ng

RT: 3.58 min Scan# 74

Delta R.T. -0.00 min

Lab File: BE096600.D

Acq: 17 May 2018 8:58

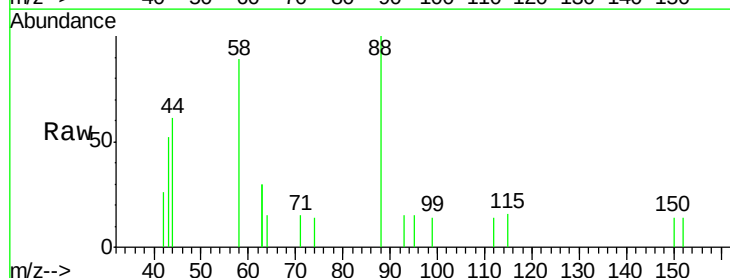
Tgt Ion: 88 Resp: 386

Ion Ratio Lower Upper

88 100

58 89.1 63.2 94.8

43 44.8 41.2 61.8



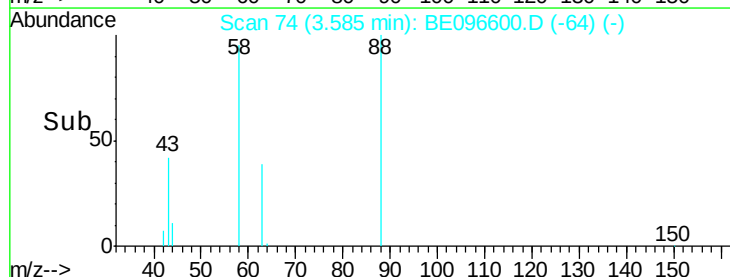
Abundance Ion 88.00 (87.70 to 88.70): BE0

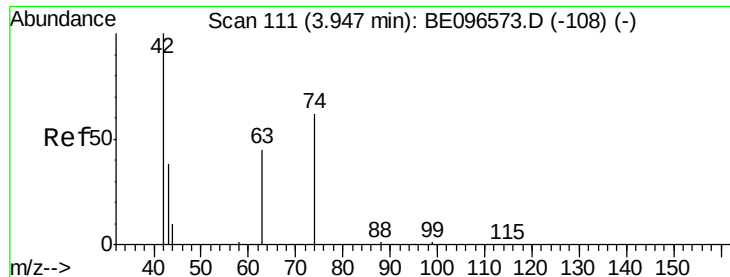
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

3.58

Time-->





#3

n-Nitrosodimethylamine

Concen: 0.37 ng

RT: 3.95 min Scan# 111

Delta R.T. -0.00 min

Lab File: BE096600.D

Acq: 17 May 2018 8:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

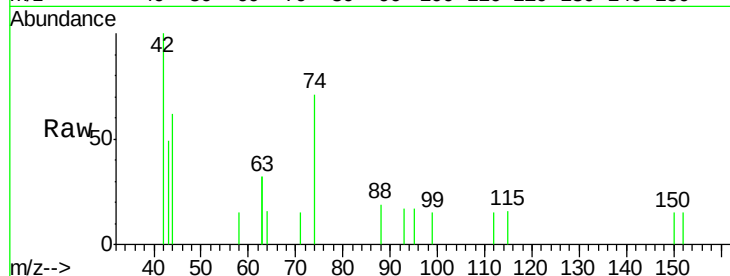
Tgt Ion: 42 Resp: 508

Ion Ratio Lower Upper

42 100

74 85.0 96.0 144.0#

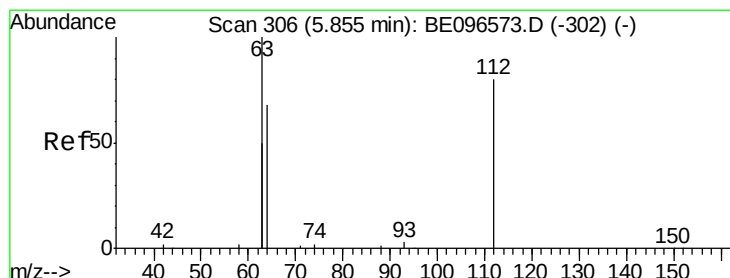
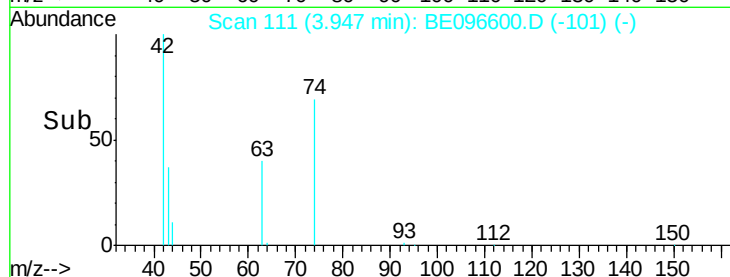
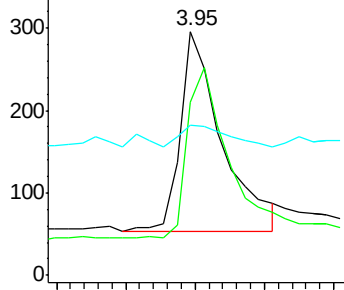
44 12.4 12.0 18.0



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: 0.36 ng

RT: 5.85 min Scan# 306

Delta R.T. -0.00 min

Lab File: BE096600.D

Acq: 17 May 2018 8:58

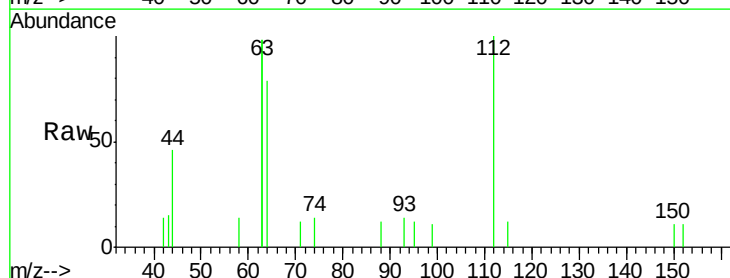
Tgt Ion: 112 Resp: 715

Ion Ratio Lower Upper

112 100

64 74.7 60.1 90.1

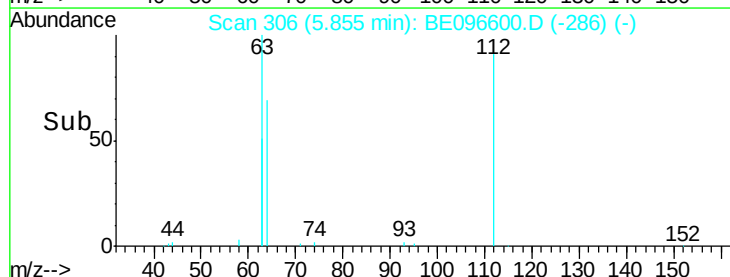
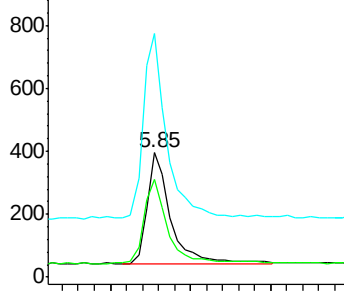
63 166.7 116.8 175.2

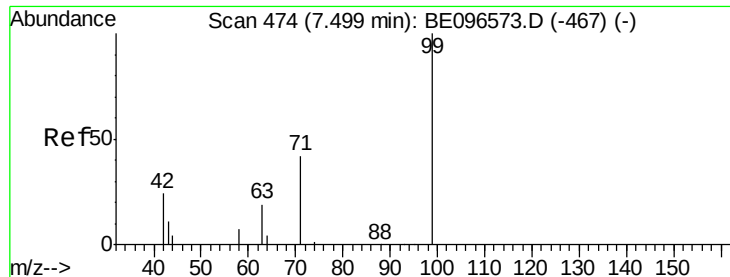


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.35 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.00 min

Lab File: BE096600.D

Acq: 17 May 2018 8:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

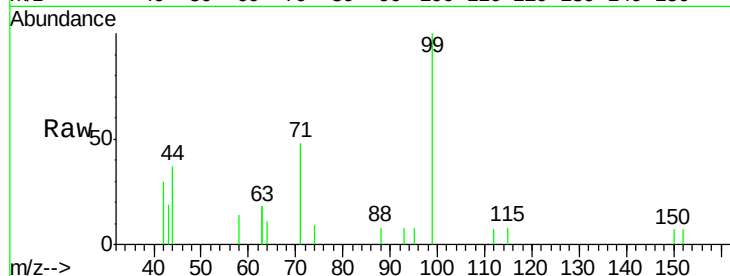
Tgt Ion: 99 Resp: 993

Ion Ratio Lower Upper

99 100

42 30.2 20.2 30.2

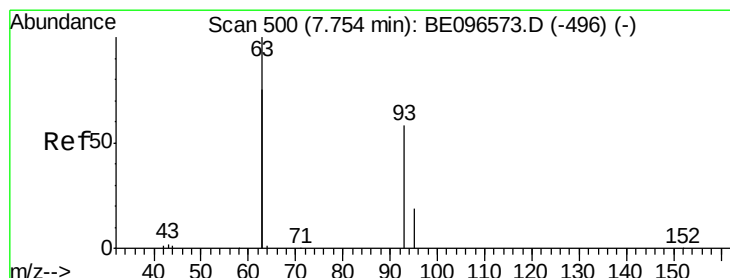
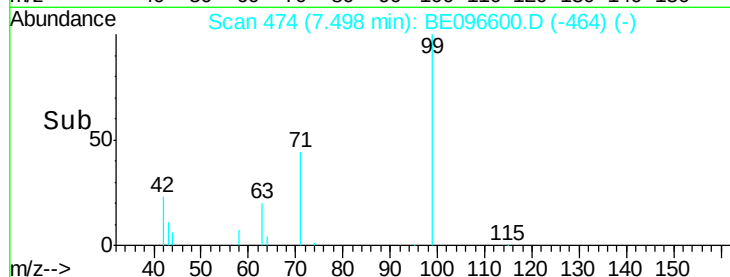
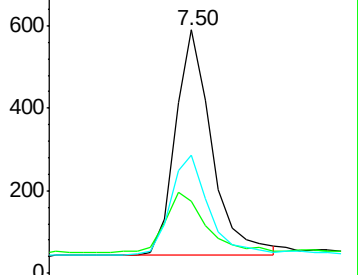
71 46.9 28.4 42.6#



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: 0.36 ng

RT: 7.74 min Scan# 499

Delta R.T. -0.01 min

Lab File: BE096600.D

Acq: 17 May 2018 8:58

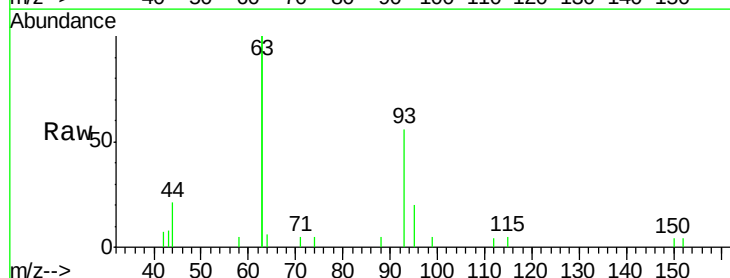
Tgt Ion: 93 Resp: 964

Ion Ratio Lower Upper

93 100

63 318.6 275.3 412.9

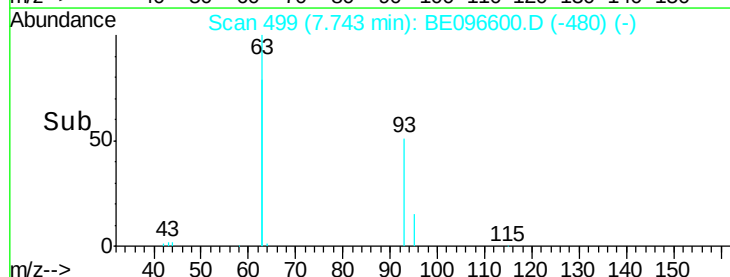
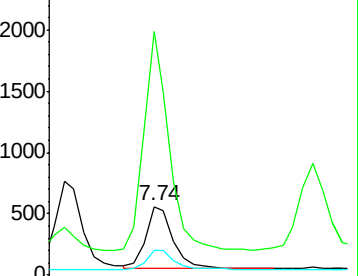
95 31.8 25.2 37.8

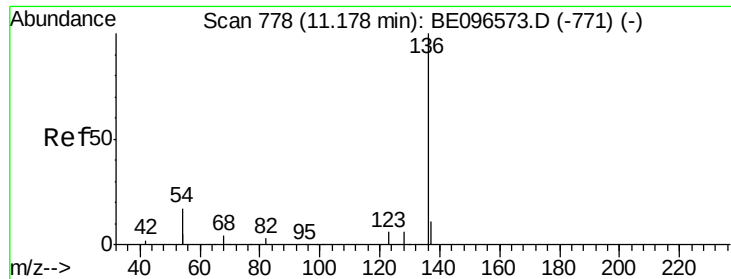


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE096600.D

Acq: 17 May 2018 8:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 2823

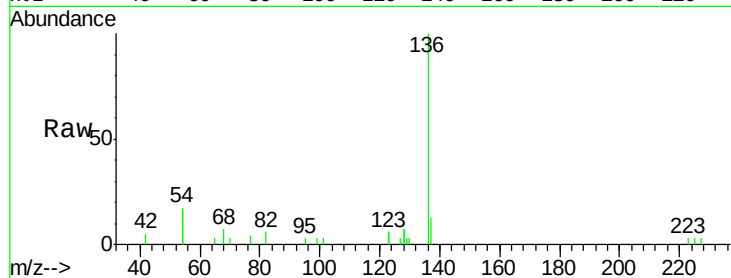
Ion Ratio Lower Upper

136 100

137 13.4 9.5 14.3

54 33.0 29.1 43.7

68 6.7 6.2 9.2

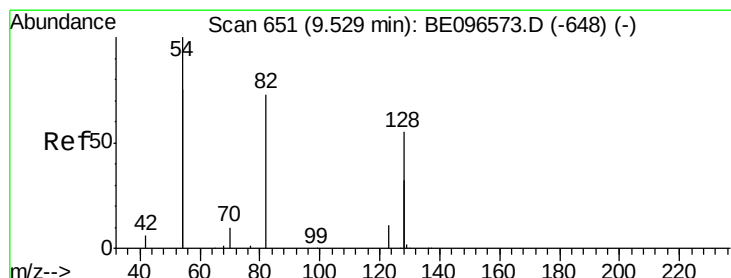
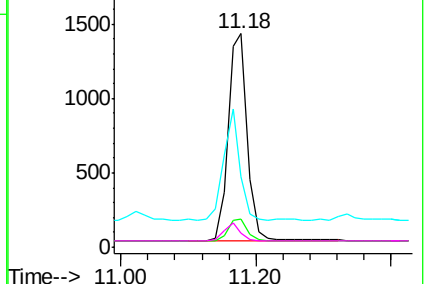
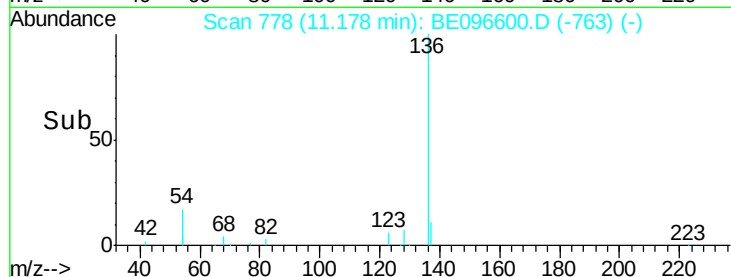


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.04 ng

RT: 9.44 min Scan# 644

Delta R.T. -0.09 min

Lab File: BE096600.D

Acq: 17 May 2018 8:58

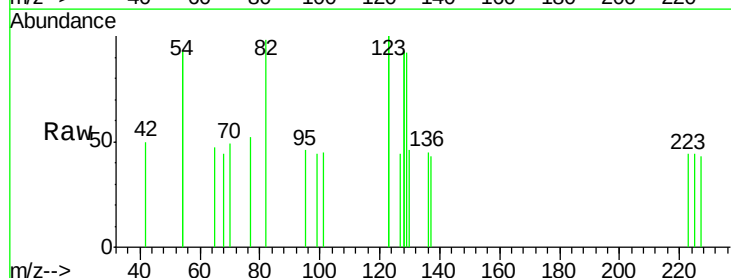
Tgt Ion: 82 Resp: 112

Ion Ratio Lower Upper

82 100

128 189.8 150.0 225.0

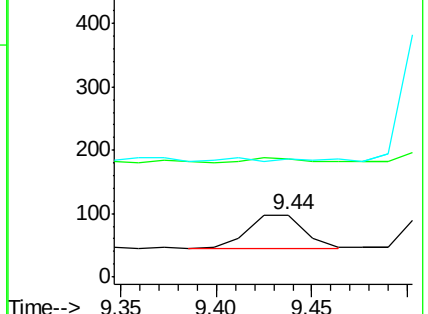
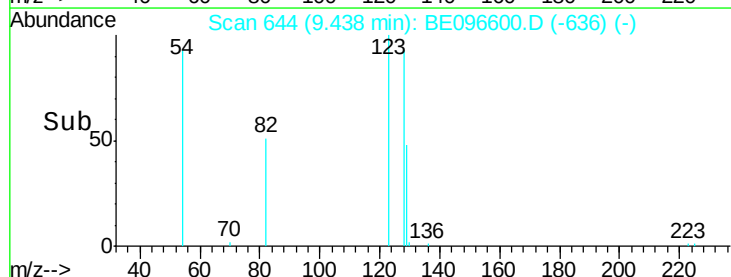
54 189.8 154.2 231.4

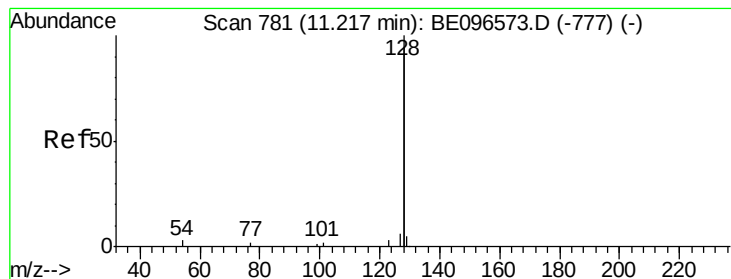


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.39 ng

RT: 11.22 min Scan# 781

Delta R.T. -0.00 min

Lab File: BE096600.D

Acq: 17 May 2018 8:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

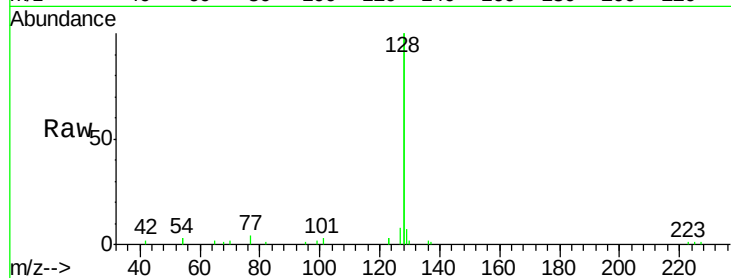
Tgt Ion:128 Resp: 11441

Ion Ratio Lower Upper

128 100

129 3.5 2.6 3.8

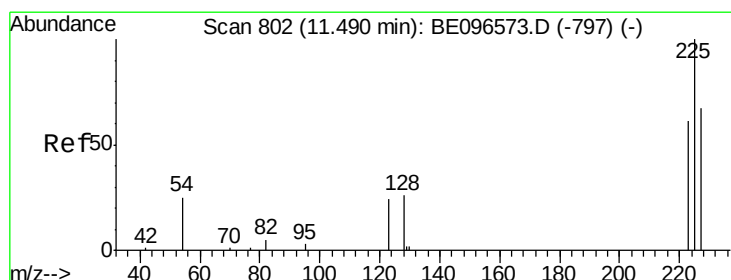
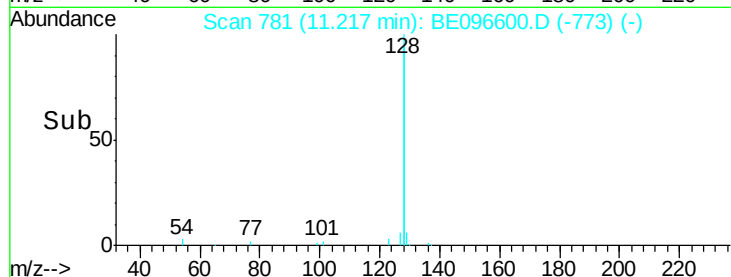
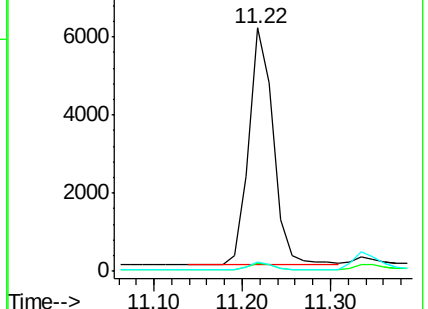
127 3.9 2.8 4.2



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: 0.38 ng

RT: 11.49 min Scan# 802

Delta R.T. -0.00 min

Lab File: BE096600.D

Acq: 17 May 2018 8:58

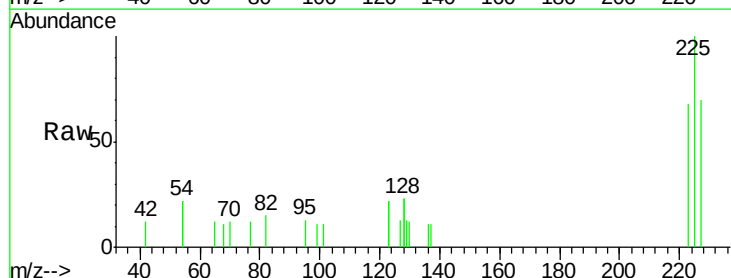
Tgt Ion:225 Resp: 637

Ion Ratio Lower Upper

225 100

223 66.2 53.0 79.6

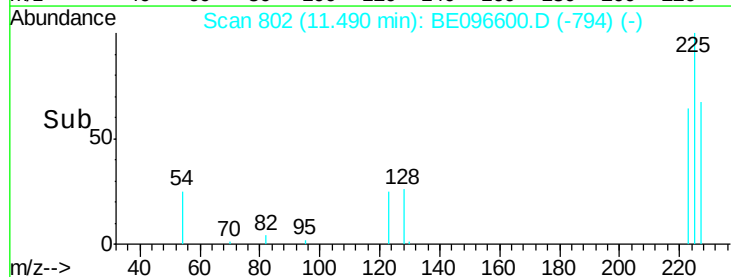
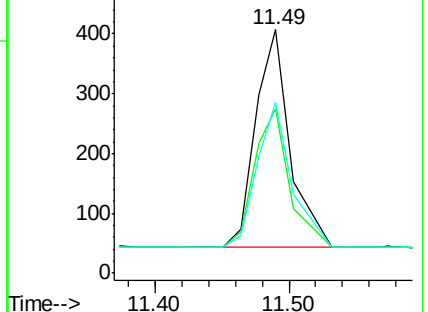
227 58.6 51.4 77.2

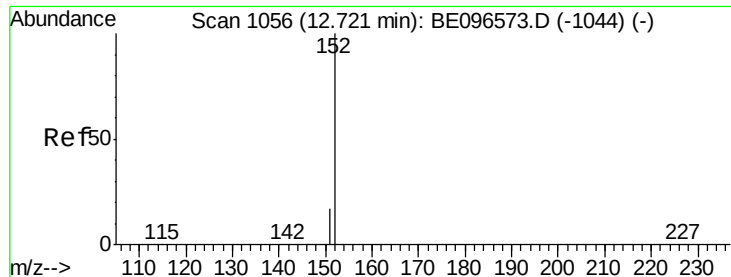


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

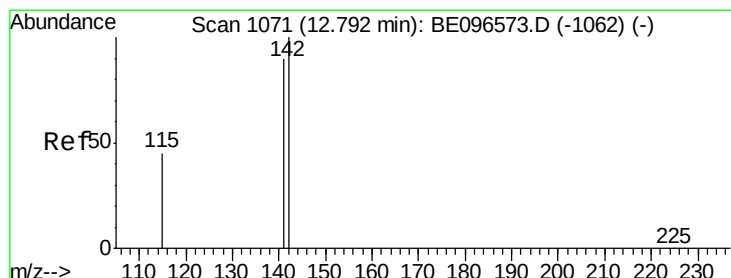
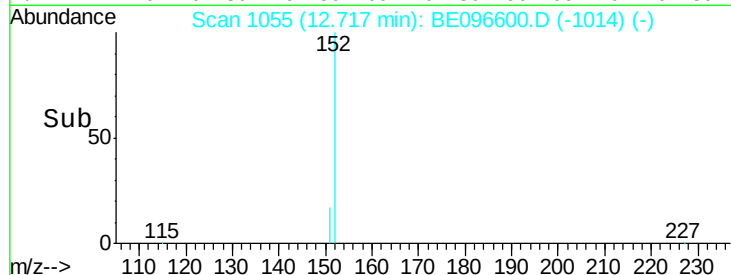
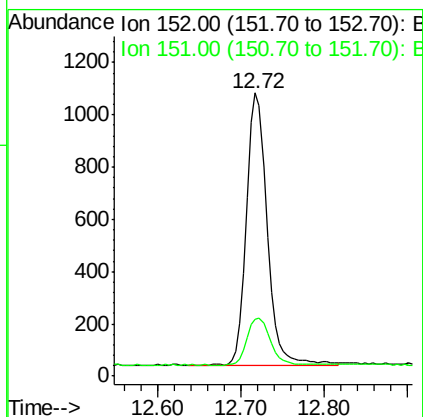
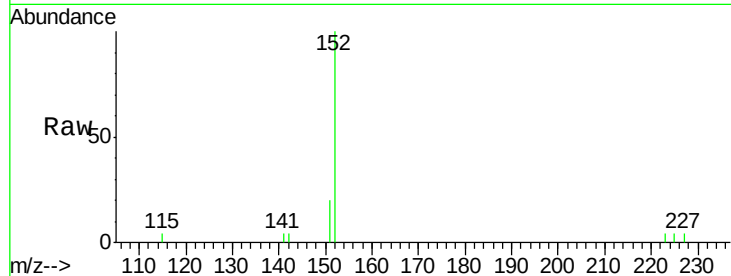




#11
 2-Methylnaphthalene-d10
 Concen: 0.38 ng
 RT: 12.72 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: BE096600.D
 Acq: 17 May 2018 8:58

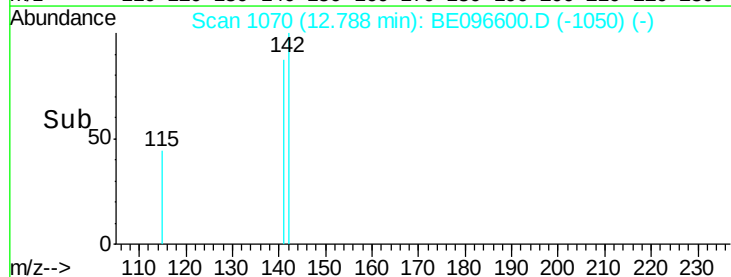
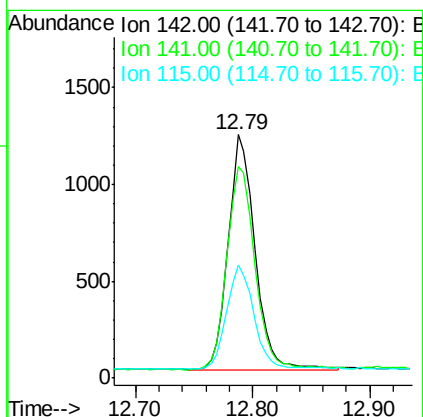
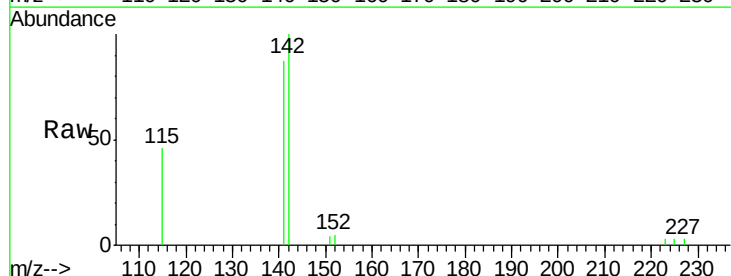
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

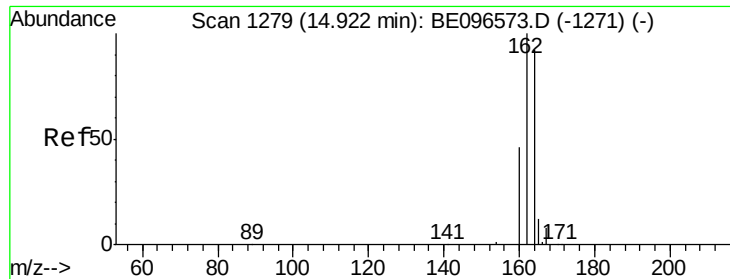
Tgt Ion:152 Resp: 1752
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.38 ng
 RT: 12.79 min Scan# 1070
 Delta R.T. -0.00 min
 Lab File: BE096600.D
 Acq: 17 May 2018 8:58

Tgt Ion:142 Resp: 1936
 Ion Ratio Lower Upper
 142 100
 141 87.0 70.4 105.6
 115 46.3 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: BE096600.D

Acq: 17 May 2018 8:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

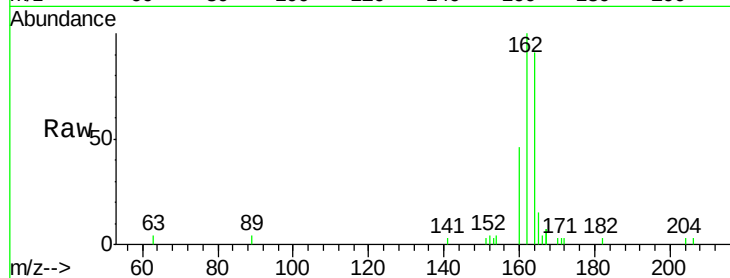
Tgt Ion:164 Resp: 1660

Ion Ratio Lower Upper

164 100

162 109.8 83.1 124.7

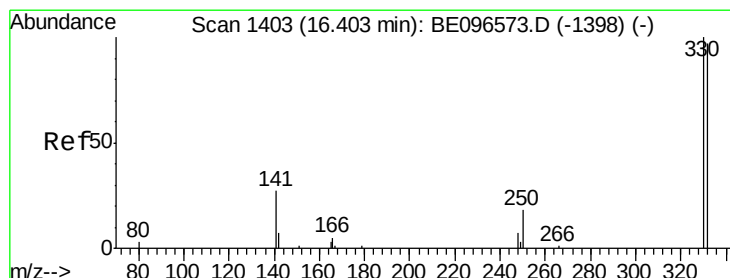
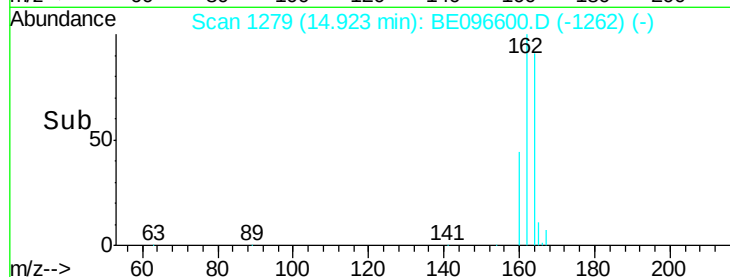
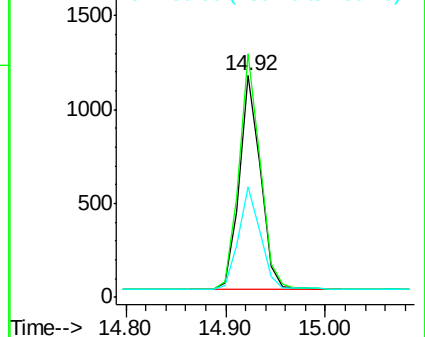
160 50.0 37.1 55.7



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: 0.35 ng

RT: 16.40 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BE096600.D

Acq: 17 May 2018 8:58

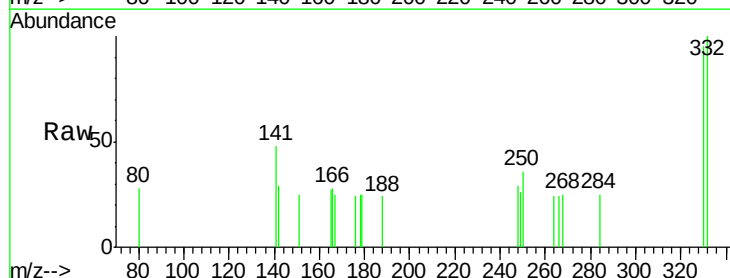
Tgt Ion:330 Resp: 227

Ion Ratio Lower Upper

330 100

332 104.0 152.7 229.1#

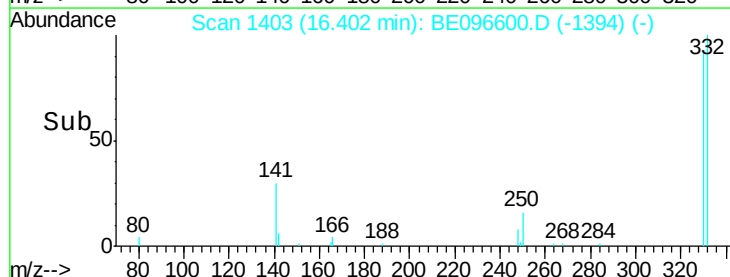
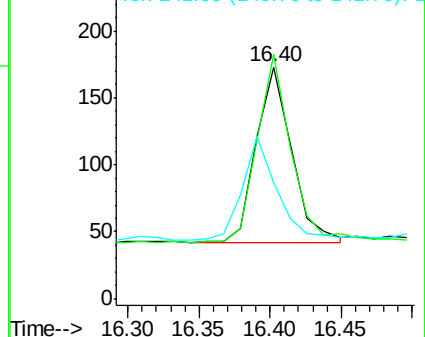
141 57.3 33.7 50.5#

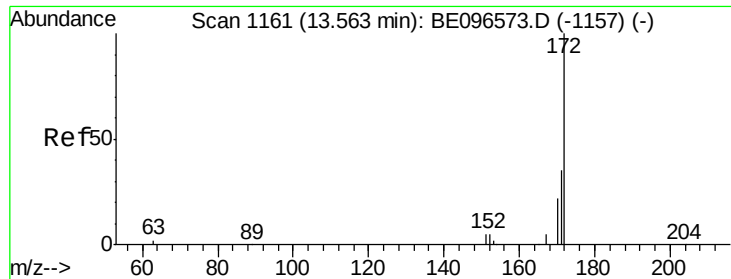


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

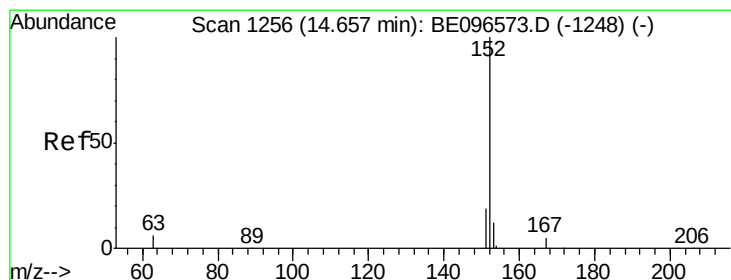
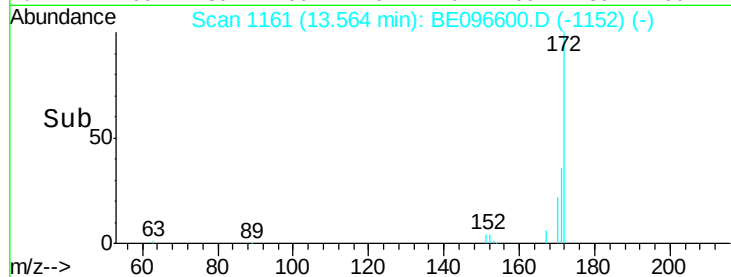
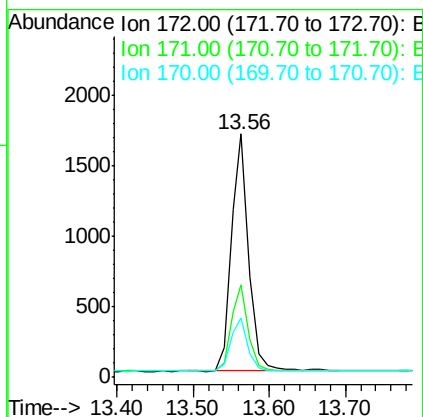
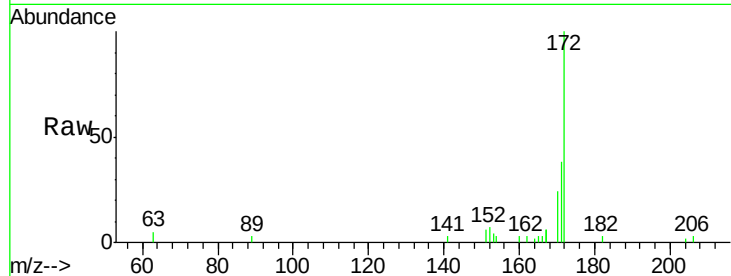




#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.56 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BE096600.D
Acq: 17 May 2018 8:58

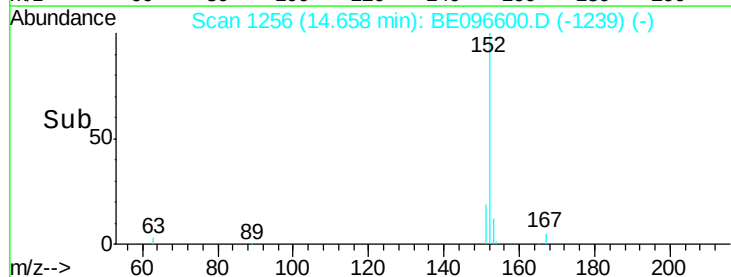
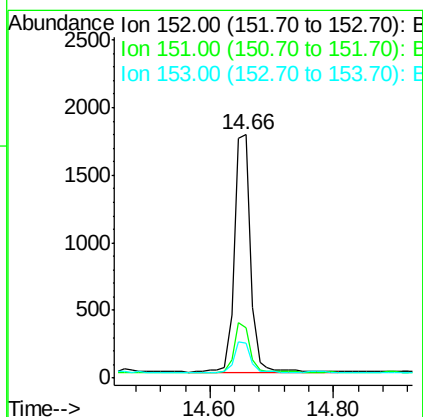
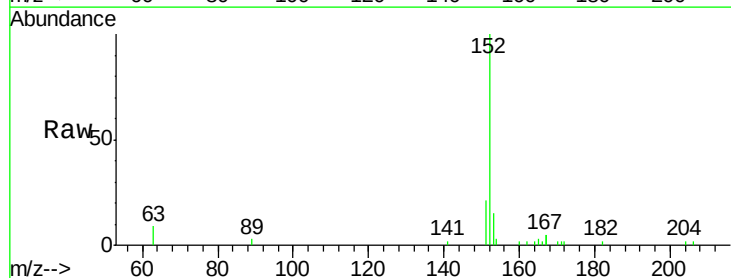
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

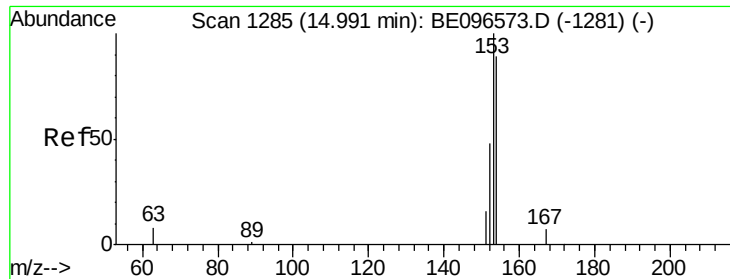
Tgt Ion:172 Resp: 2709
Ion Ratio Lower Upper
172 100
171 37.8 29.9 44.9
170 24.2 21.8 32.8



#16
Acenaphthylene
Concen: 0.37 ng
RT: 14.66 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BE096600.D
Acq: 17 May 2018 8:58

Tgt Ion:152 Resp: 3227
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 12.8 10.5 15.7





#17

Acenaphthene

Concen: 0.38 ng

RT: 14.98 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BE096600.D

Acq: 17 May 2018 8:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

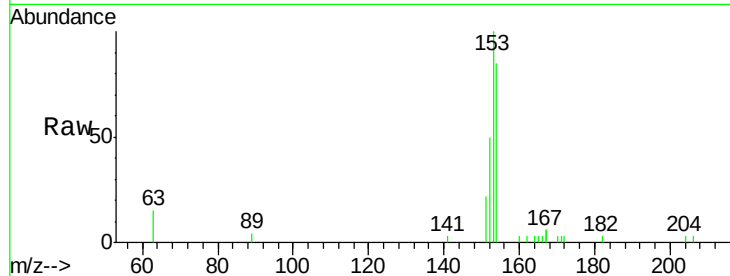
Tgt Ion:154 Resp: 2014

Ion Ratio Lower Upper

154 100

153 115.0 89.2 133.8

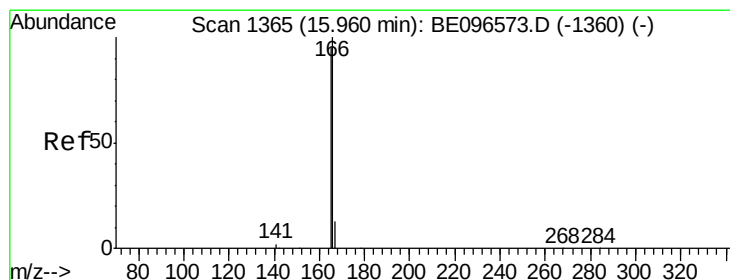
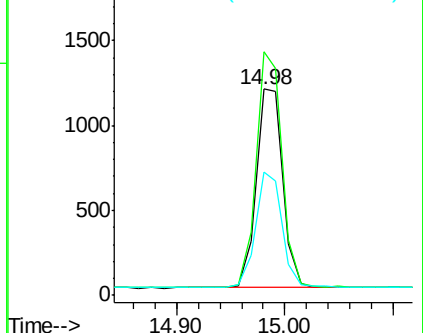
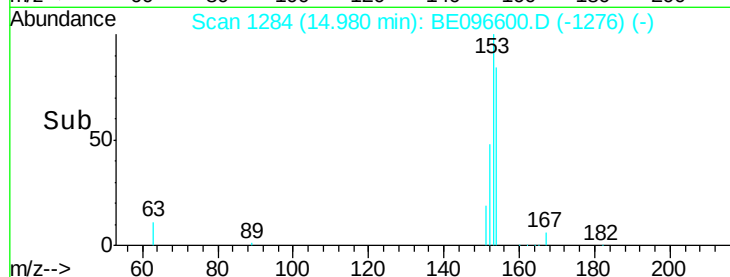
152 57.2 42.0 63.0



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: 0.38 ng

RT: 15.96 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BE096600.D

Acq: 17 May 2018 8:58

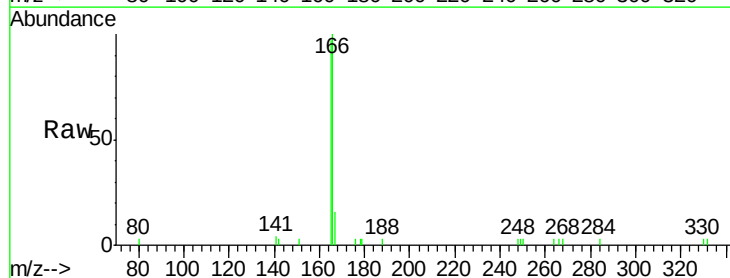
Tgt Ion:166 Resp: 2482

Ion Ratio Lower Upper

166 100

165 99.3 77.8 116.6

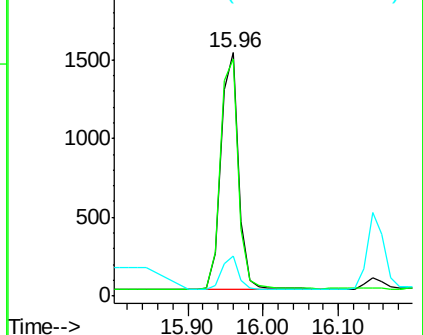
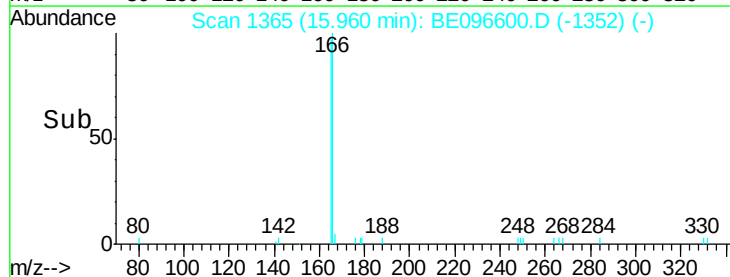
167 13.0 42.4 63.6#

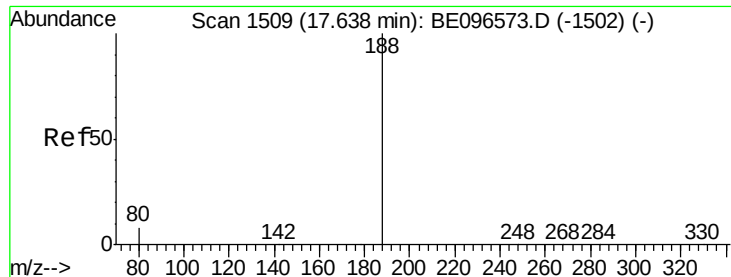


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE096600.D

Acq: 17 May 2018 8:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

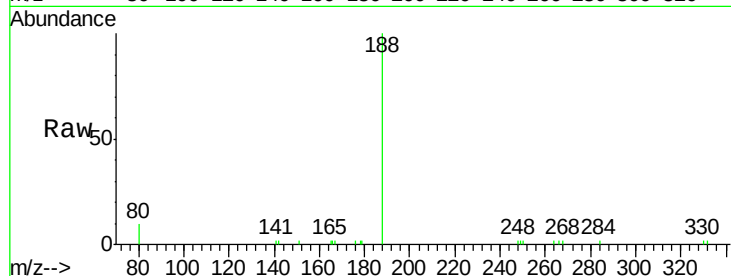
Tgt Ion:188 Resp: 3703

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

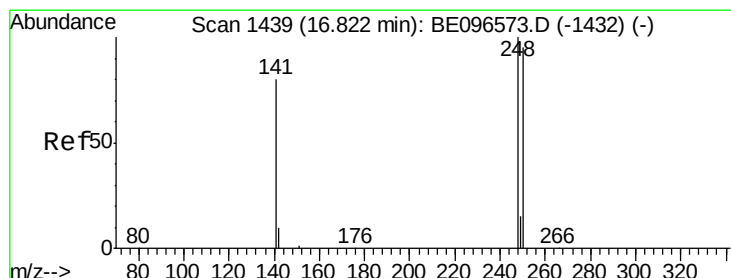
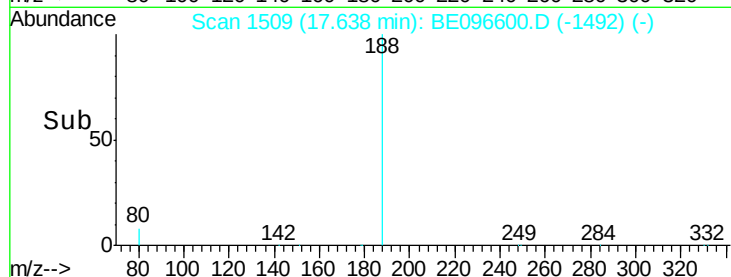
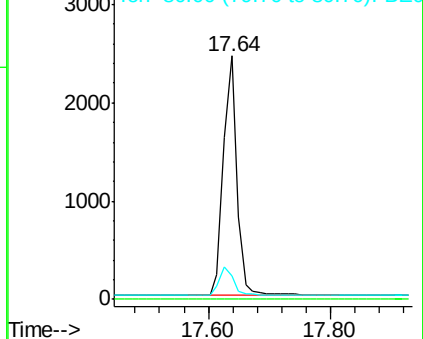
80 9.9 3.6 5.4#



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: 0.39 ng

RT: 16.82 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE096600.D

Acq: 17 May 2018 8:58

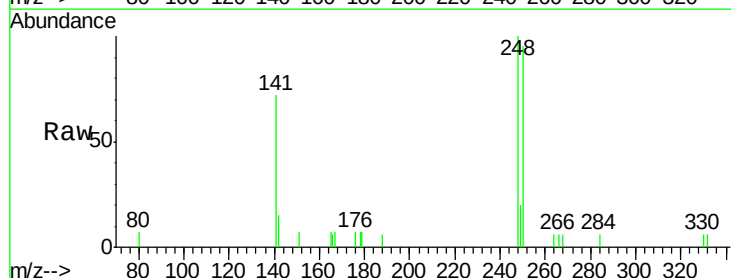
Tgt Ion:248 Resp: 869

Ion Ratio Lower Upper

248 100

250 95.1 62.7 94.1#

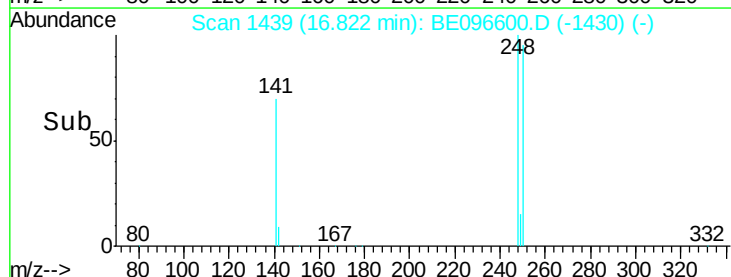
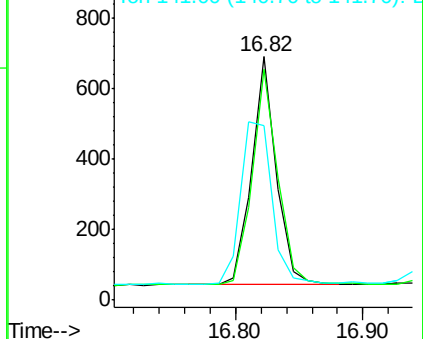
141 71.7 48.2 72.2

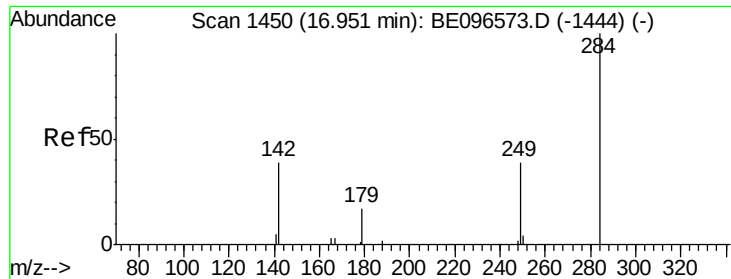


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

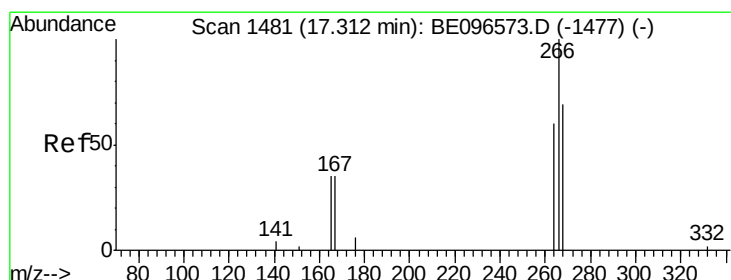
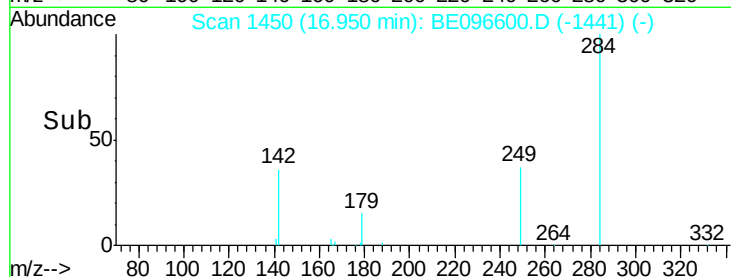
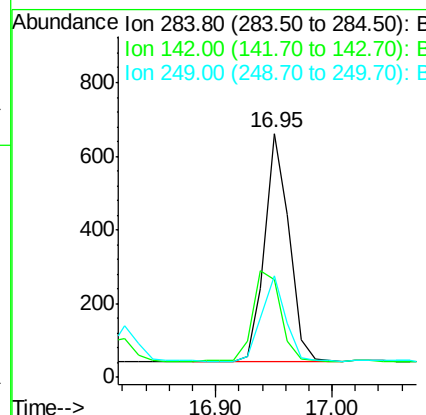
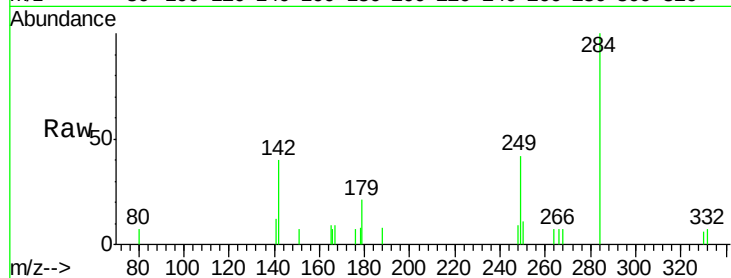




#21
Hexachlorobenzene
Concen: 0.38 ng
RT: 16.95 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BE096600.D
Acq: 17 May 2018 8:58

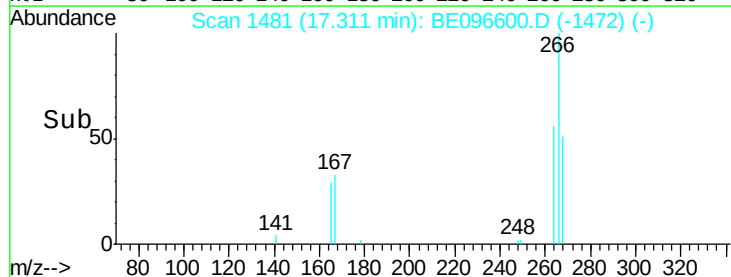
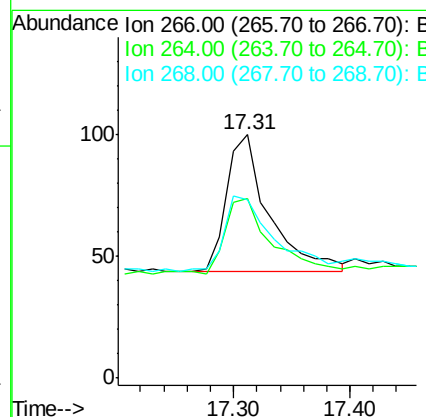
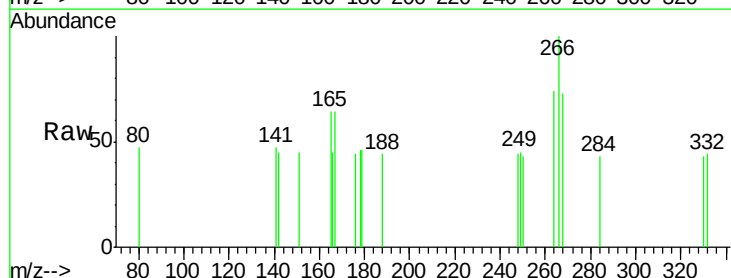
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

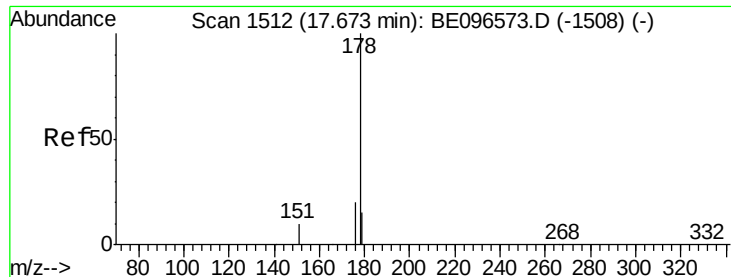
Tgt Ion: 284 Resp: 901
Ion Ratio Lower Upper
284 100
142 45.5 22.1 33.1#
249 38.0 34.8 52.2



#22
Pentachlorophenol
Concen: 0.37 ng
RT: 17.31 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE096600.D
Acq: 17 May 2018 8:58

Tgt Ion: 266 Resp: 140
Ion Ratio Lower Upper
266 100
264 74.0 72.5 108.7
268 73.0 73.8 110.6#





#23

Phenanthrene

Concen: 0.37 ng

RT: 17.67 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE096600.D

Acq: 17 May 2018 8:58

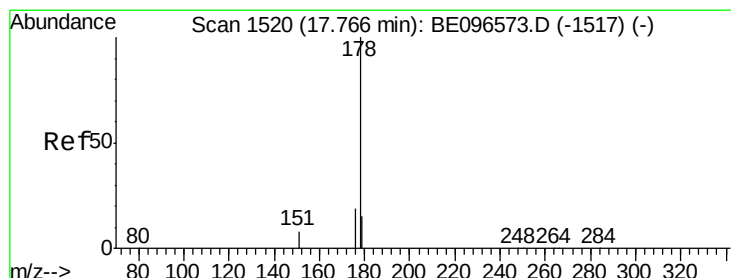
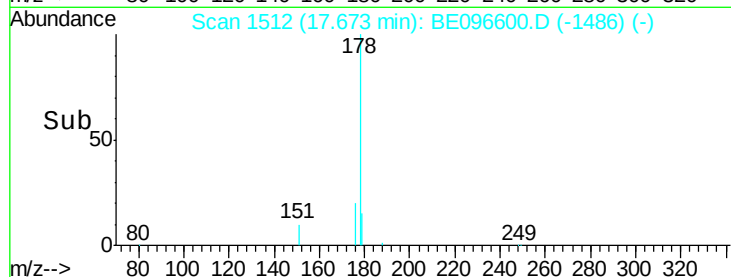
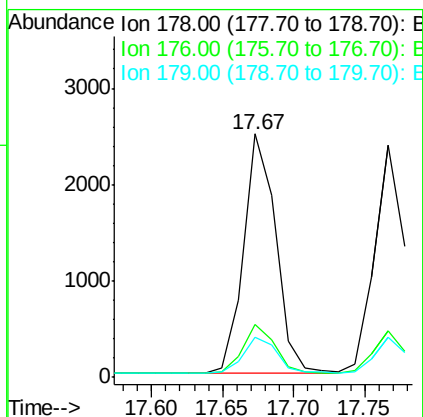
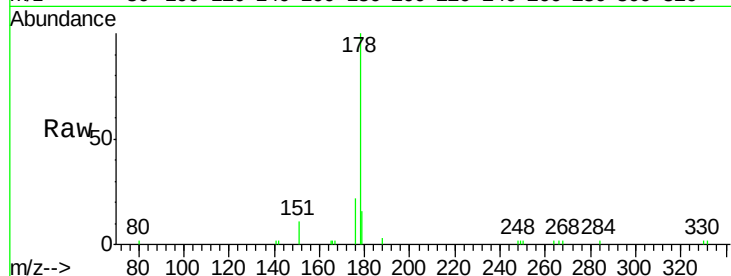
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:	178	Resp:	3886
Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	15.0	11.8	17.6



#24

Anthracene

Concen: 0.37 ng

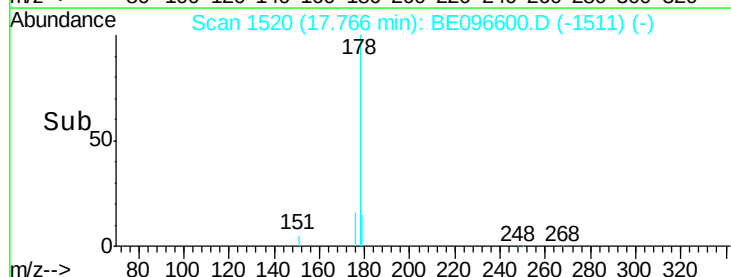
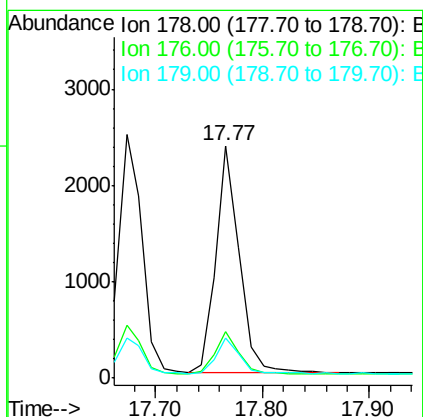
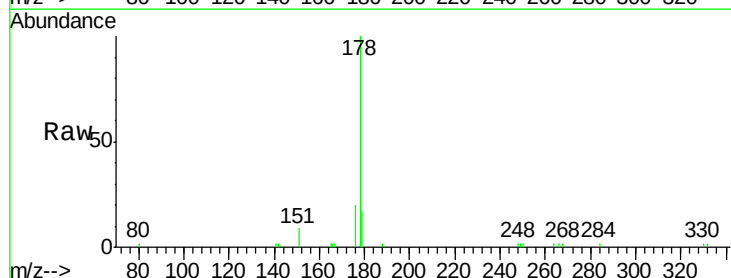
RT: 17.77 min Scan# 1520

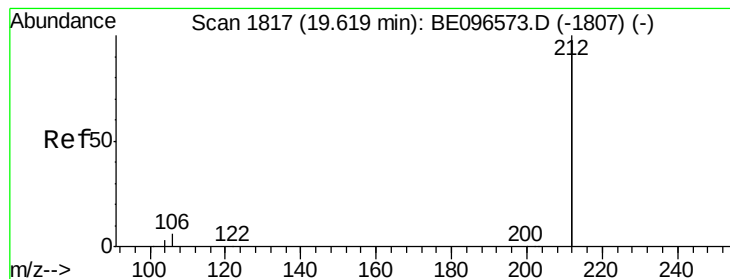
Delta R.T. -0.00 min

Lab File: BE096600.D

Acq: 17 May 2018 8:58

Tgt Ion:	178	Resp:	3580
Ion	Ratio	Lower	Upper
178	100		
176	18.5	12.8	19.2
179	15.5	13.0	19.6





#25

Fluoranthene-d10

Concen: 0.38 ng

RT: 19.62 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BE096600.D

Acq: 17 May 2018 8:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

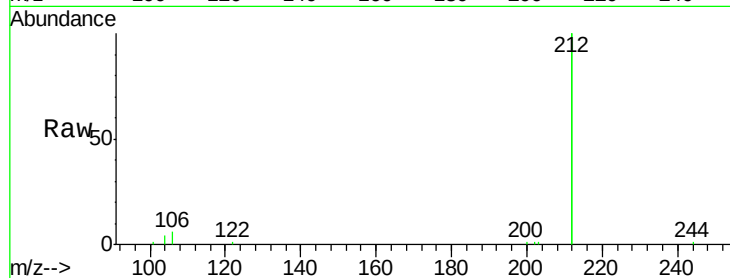
Tgt Ion:212 Resp: 17164

Ion Ratio Lower Upper

212 100

106 2.7 2.8 4.2#

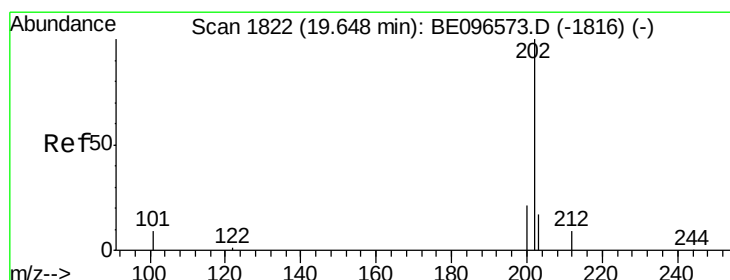
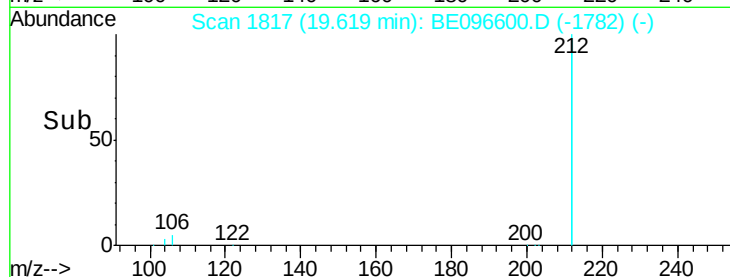
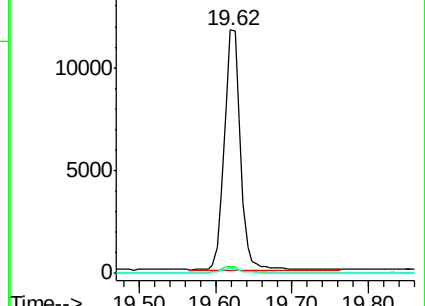
104 1.6 1.6 2.4#



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: 0.38 ng

RT: 19.65 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BE096600.D

Acq: 17 May 2018 8:58

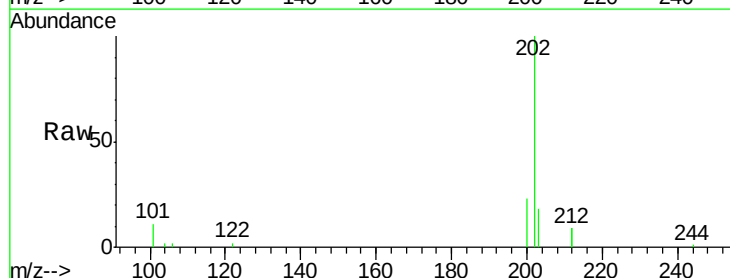
Tgt Ion:202 Resp: 4724

Ion Ratio Lower Upper

202 100

101 9.7 9.8 14.8#

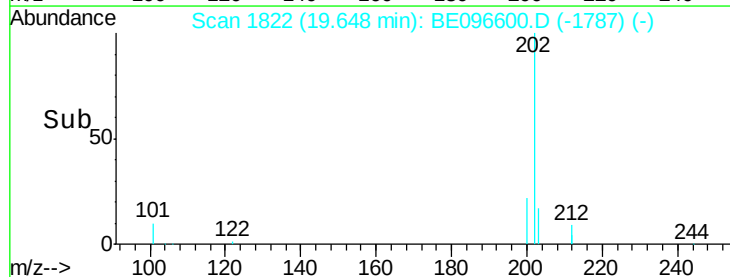
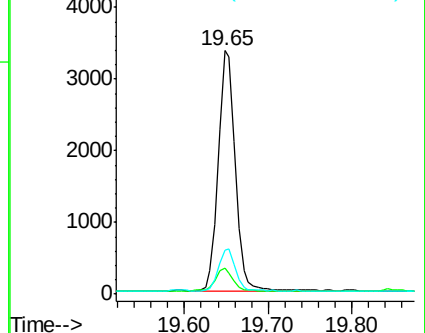
203 17.1 13.7 20.5

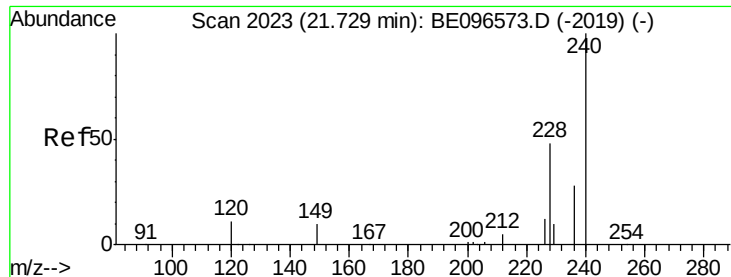


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.73 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BE096600.D

Acq: 17 May 2018 8:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

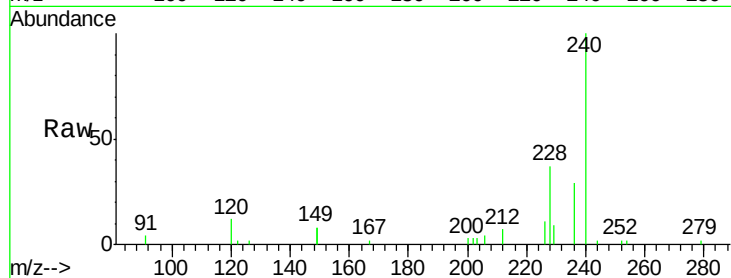
Tgt Ion:240 Resp: 3550

Ion Ratio Lower Upper

240 100

120 11.7 5.5 8.3#

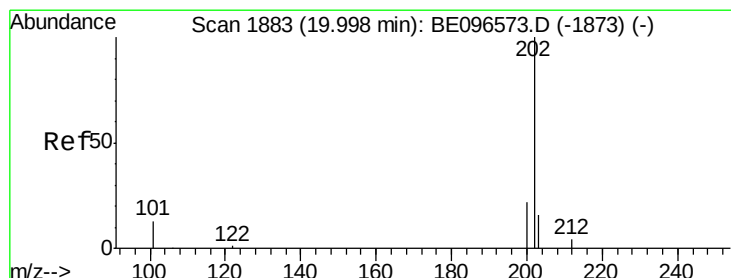
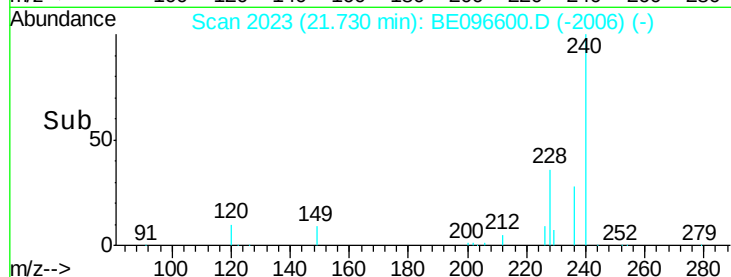
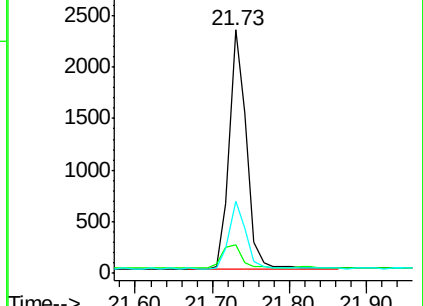
236 29.4 20.7 31.1



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: 0.34 ng

RT: 20.00 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BE096600.D

Acq: 17 May 2018 8:58

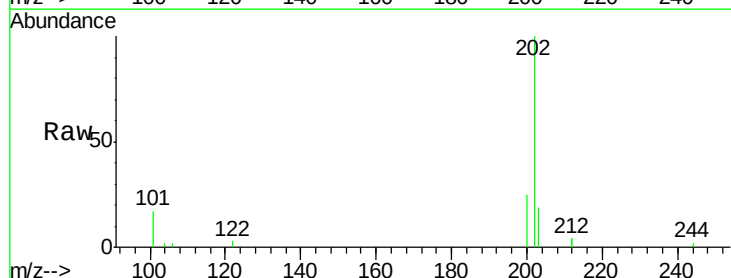
Tgt Ion:202 Resp: 2181

Ion Ratio Lower Upper

202 100

200 25.8 16.6 25.0#

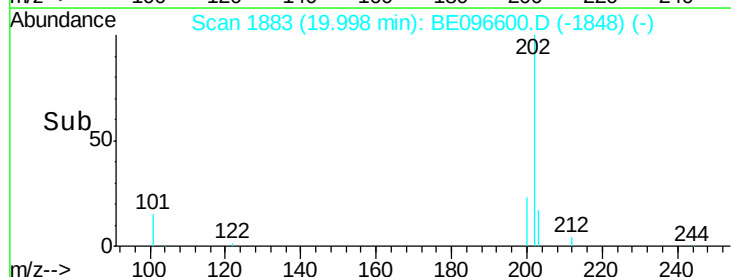
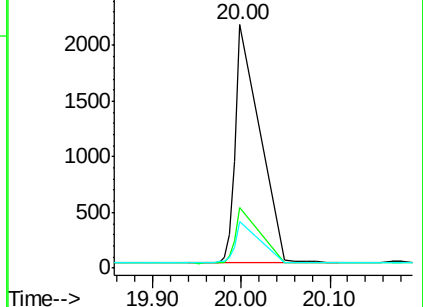
203 19.5 13.8 20.8

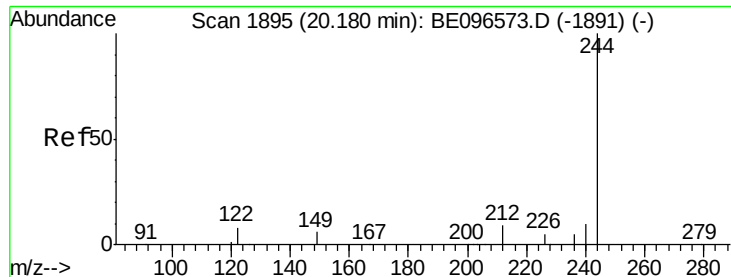


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.39 ng

RT: 20.18 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BE096600.D

Acq: 17 May 2018 8:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

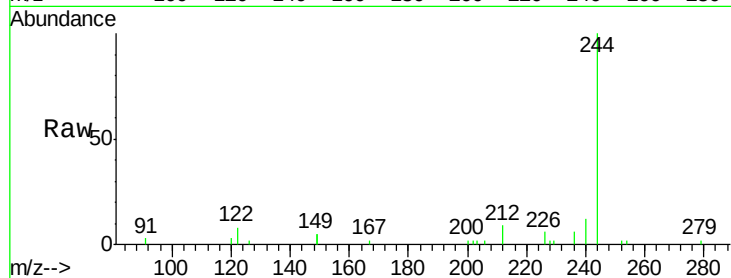
Tgt Ion:244 Resp: 3099

Ion Ratio Lower Upper

244 100

212 9.3 25.4 38.0#

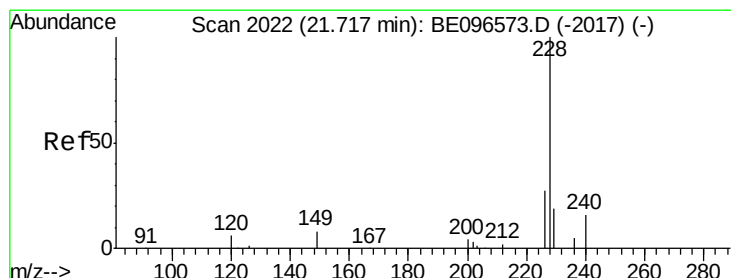
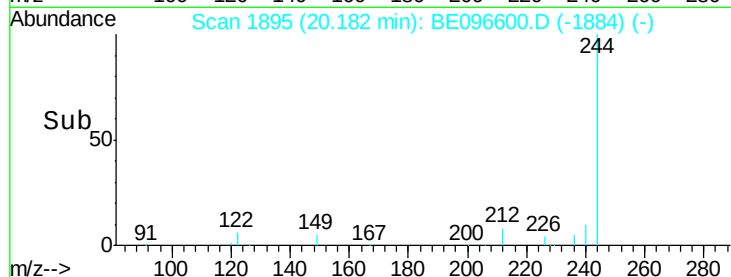
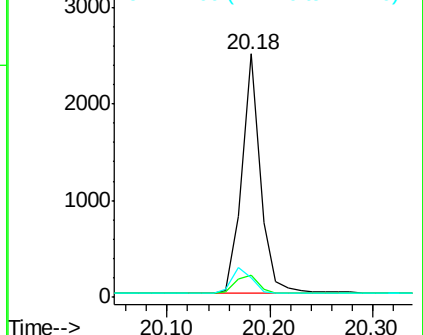
122 8.0 8.1 12.1#



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: 0.38 ng

RT: 21.72 min Scan# 222

Delta R.T. 0.00 min

Lab File: BE096600.D

Acq: 17 May 2018 8:58

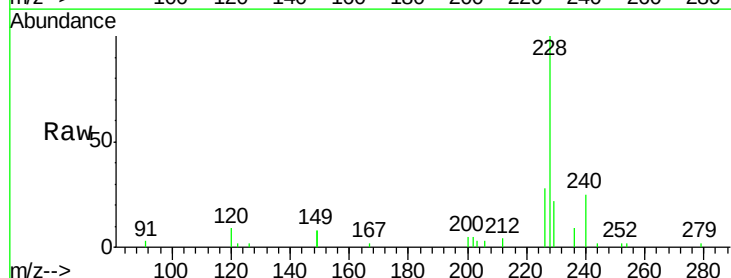
Tgt Ion:228 Resp: 4149

Ion Ratio Lower Upper

228 100

226 27.6 24.0 36.0

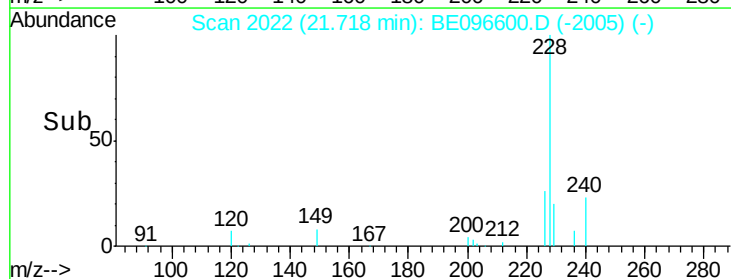
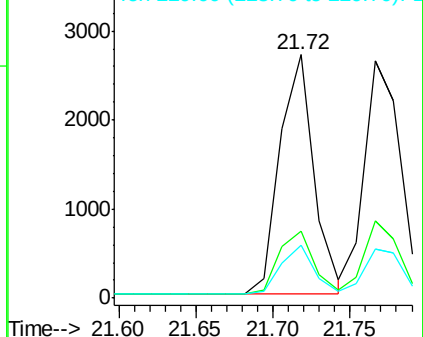
229 21.5 16.0 24.0

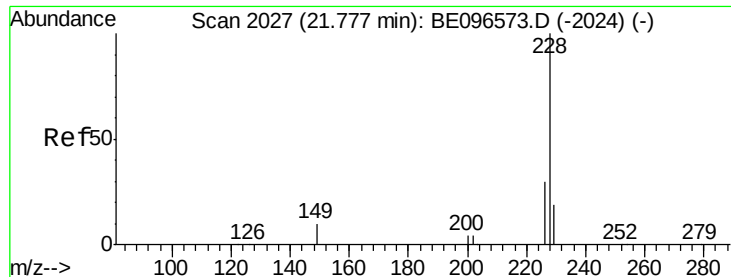


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.38 ng

RT: 21.77 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BE096600.D

Acq: 17 May 2018 8:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

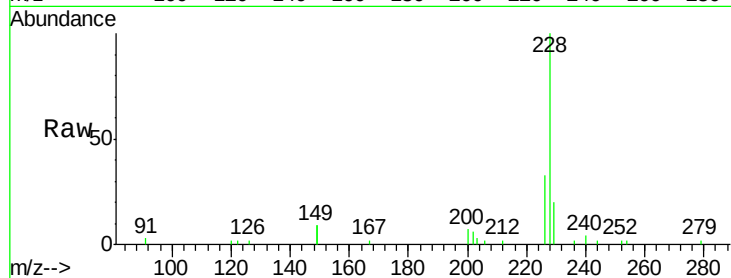
Tgt Ion:228 Resp: 4315

Ion Ratio Lower Upper

228 100

226 32.7 24.0 36.0

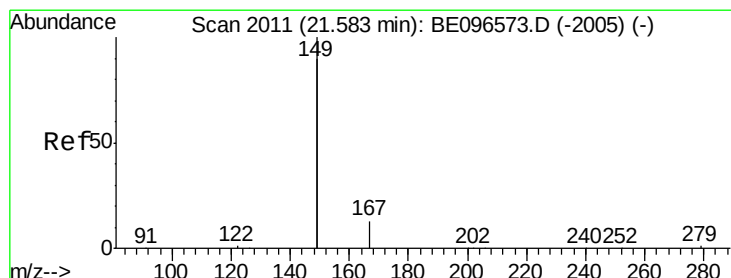
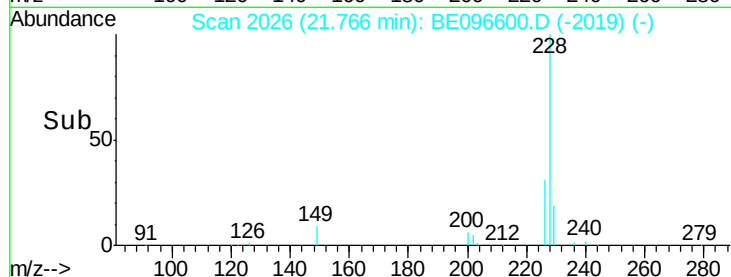
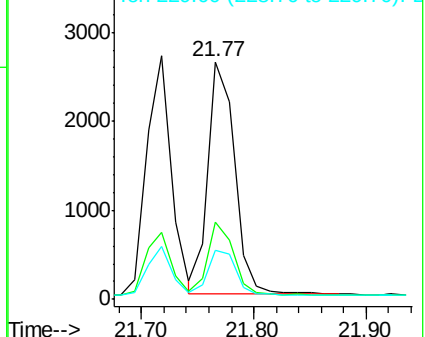
229 20.5 16.0 24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.35 ng

RT: 21.58 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BE096600.D

Acq: 17 May 2018 8:58

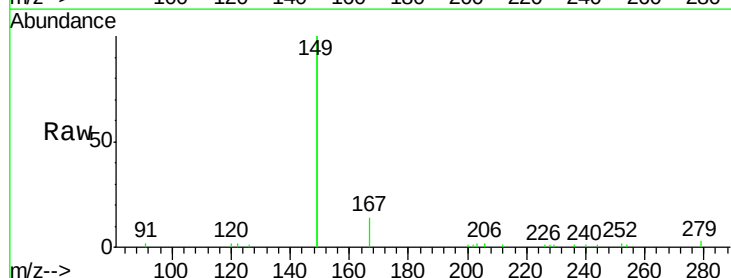
Tgt Ion:149 Resp: 8133

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

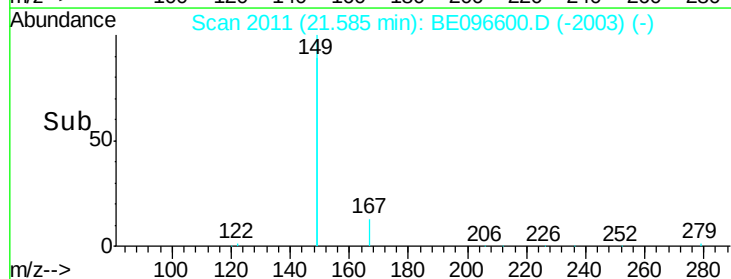
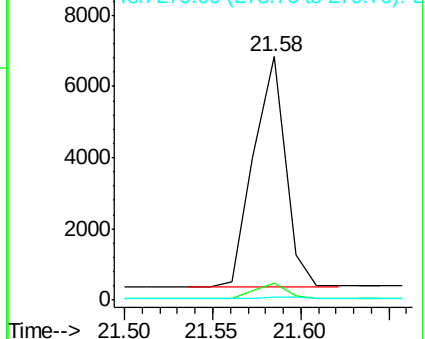
279 0.9 0.7 1.1

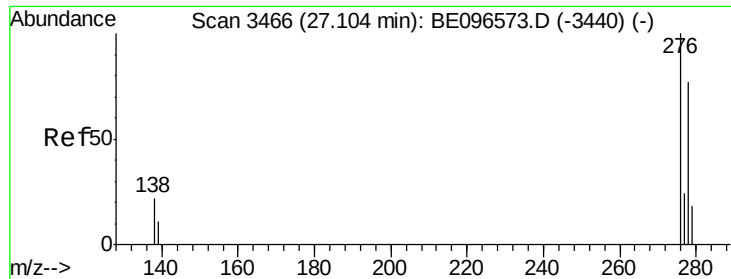


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.37 ng

RT: 27.10 min Scan# 3465

Delta R.T. -0.00 min

Lab File: BE096600.D

Acq: 17 May 2018 8:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

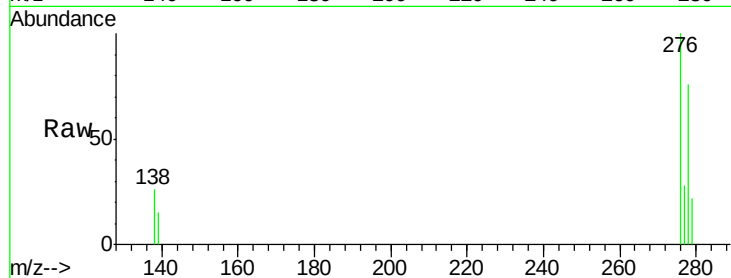
Tgt Ion:276 Resp: 4082

Ion Ratio Lower Upper

276 100

138 21.7 22.5 33.7#

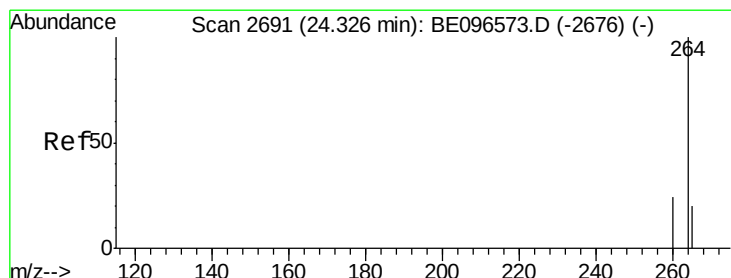
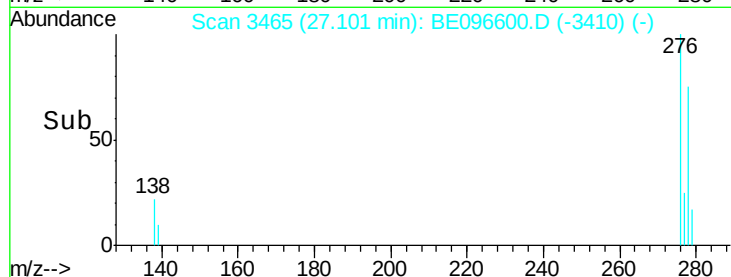
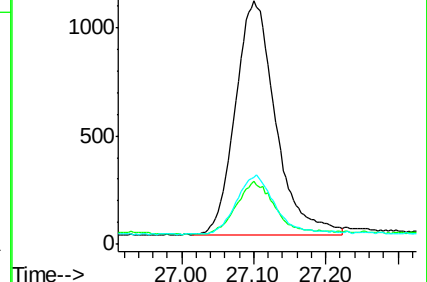
277 23.5 19.9 29.9



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: BE096600.D

Acq: 17 May 2018 8:58

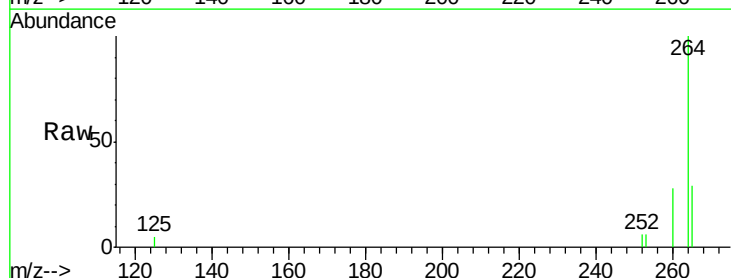
Tgt Ion:264 Resp: 3279

Ion Ratio Lower Upper

264 100

260 27.6 20.5 30.7

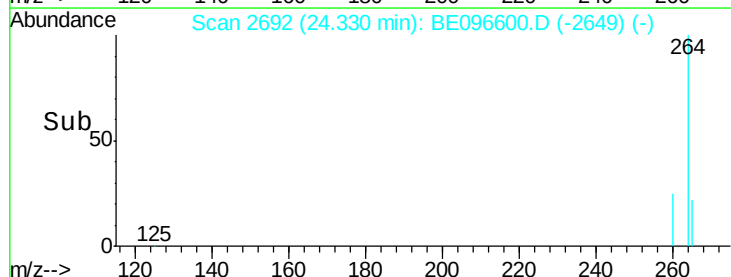
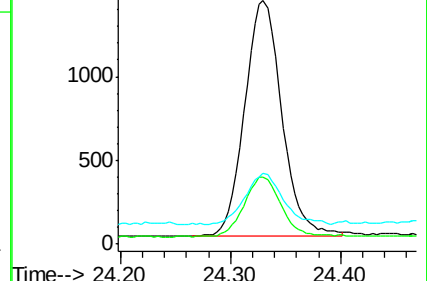
265 28.9 22.8 34.2

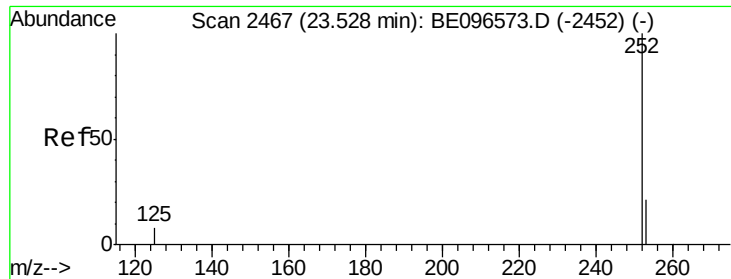


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.38 ng

RT: 23.52 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BE096600.D

Acq: 17 May 2018 8:58

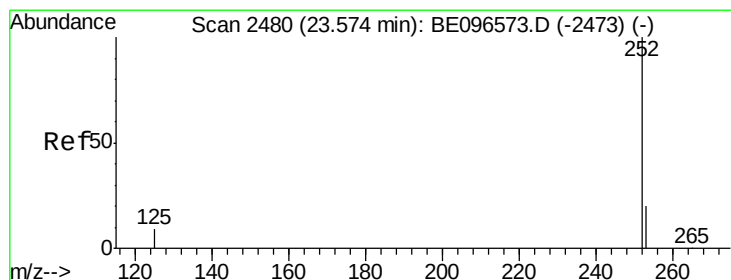
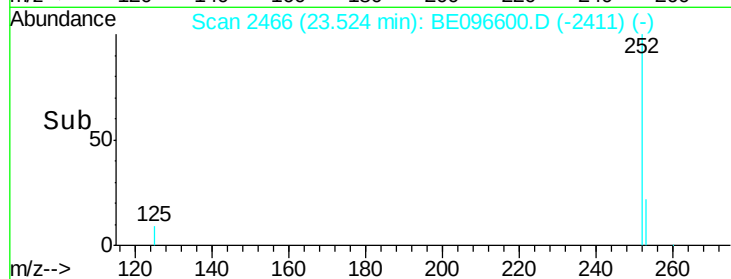
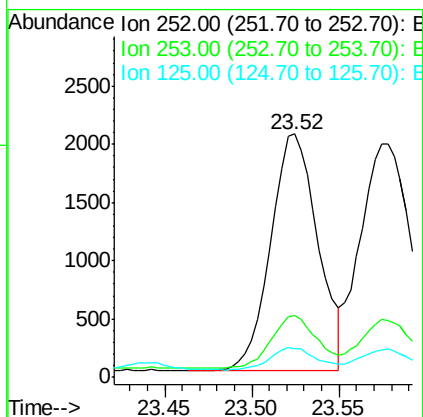
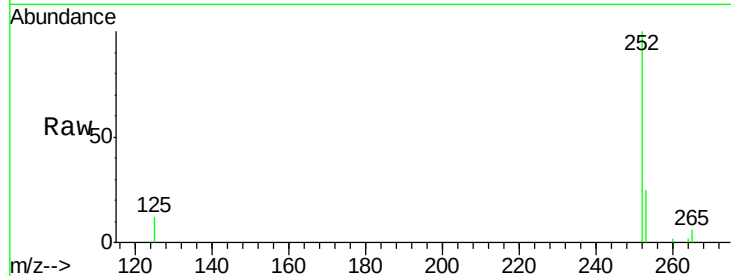
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:	252	Resp:	3832
Ion	Ratio	Lower	Upper
252	100		
253	25.3	20.0	30.0
125	11.9	16.0	24.0#



#36

Benzo(k)fluoranthene

Concen: 0.38 ng

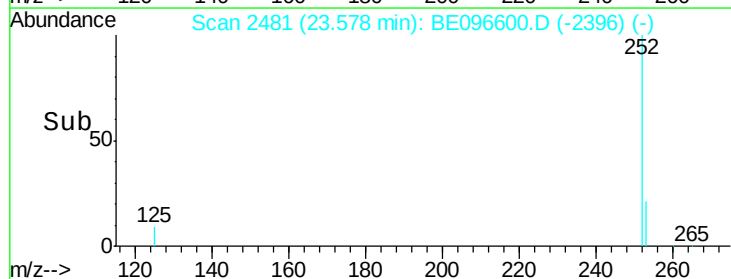
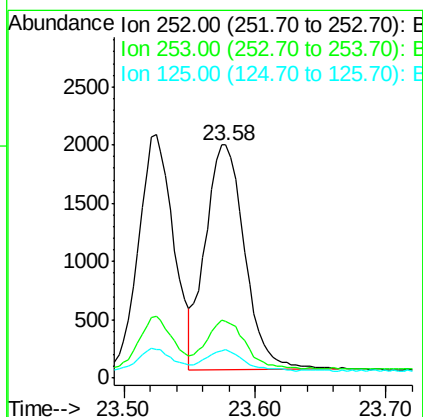
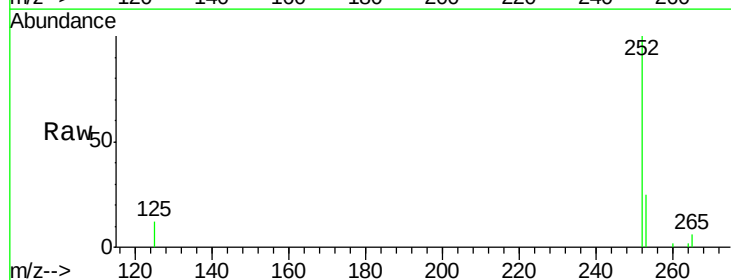
RT: 23.58 min Scan# 2481

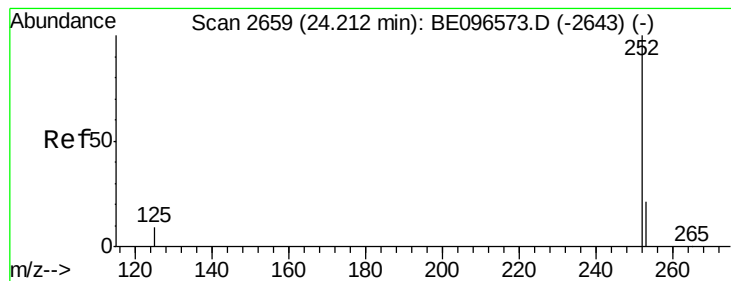
Delta R.T. 0.00 min

Lab File: BE096600.D

Acq: 17 May 2018 8:58

Tgt Ion:	252	Resp:	4052
Ion	Ratio	Lower	Upper
252	100		
253	24.6	16.0	24.0#
125	12.1	8.0	12.0#





#37

Benzo(a)pyrene

Concen: 0.38 ng

RT: 24.21 min Scan# 2659

Delta R.T. -0.00 min

Lab File: BE096600.D

Acq: 17 May 2018 8:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

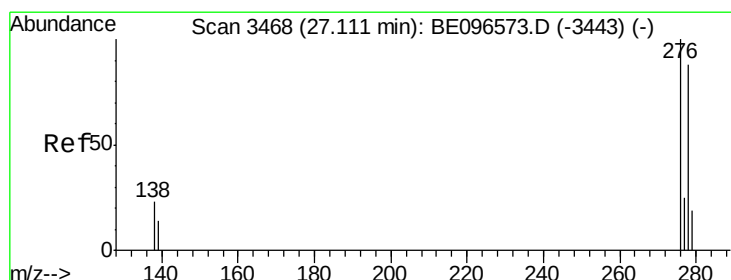
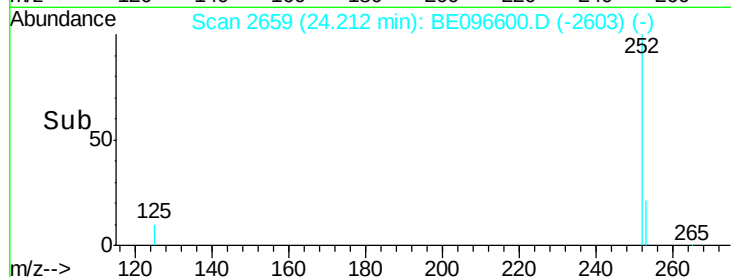
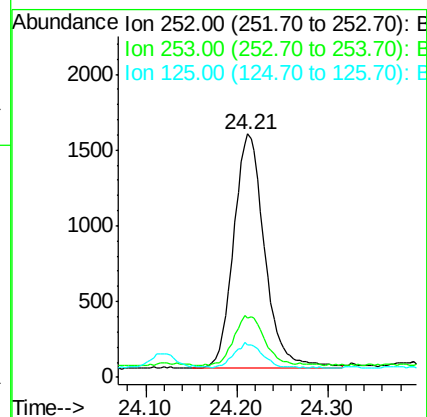
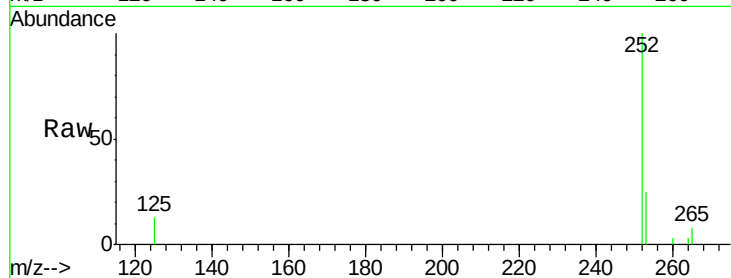
Tgt Ion:252 Resp: 3696

Ion Ratio Lower Upper

252 100

253 24.6 16.0 24.0#

125 13.4 12.0 18.0



#38

Dibenzo(a,h)anthracene

Concen: 0.37 ng

RT: 27.11 min Scan# 3468

Delta R.T. 0.00 min

Lab File: BE096600.D

Acq: 17 May 2018 8:58

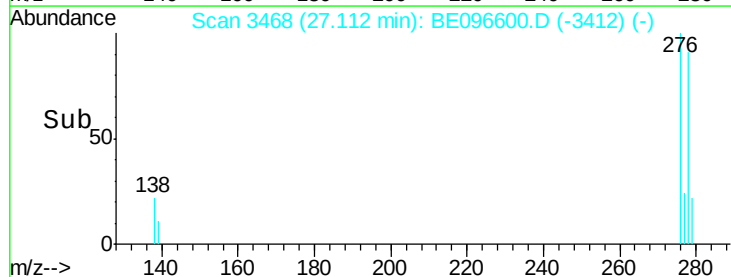
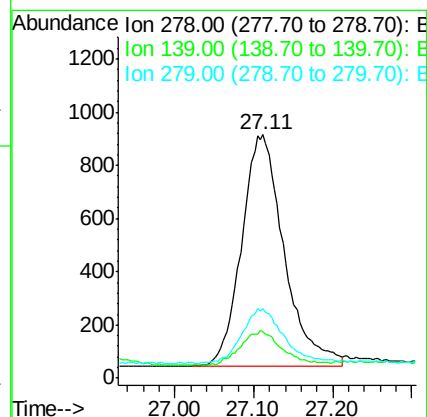
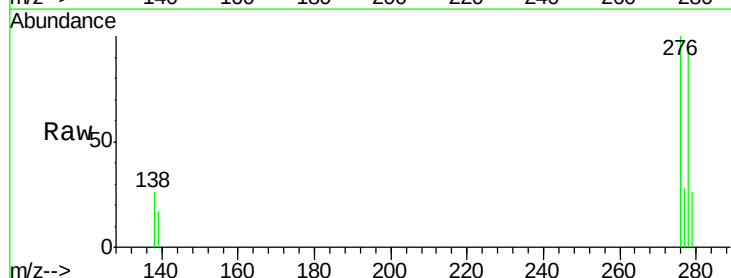
Tgt Ion:278 Resp: 3269

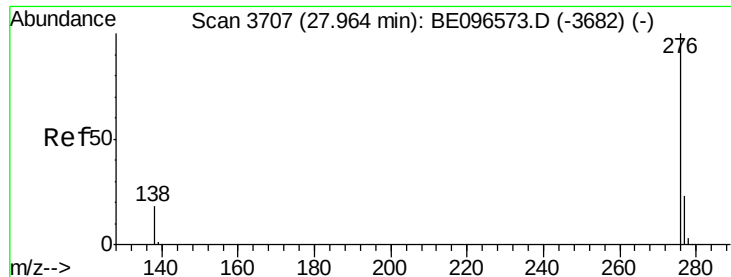
Ion Ratio Lower Upper

278 100

139 19.0 16.0 24.0

279 28.8 20.0 30.0





#39

Benzo(g,h,i)perylene

Concen: 0.37 ng

RT: 27.97 min Scan# 3708

Delta R.T. 0.00 min

Lab File: BE096600.D

Acq: 17 May 2018 8:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

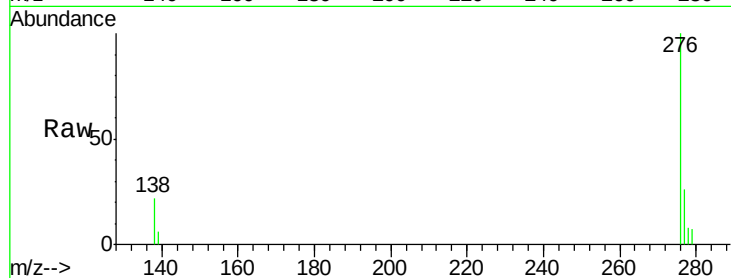
Tgt Ion: 276 Resp: 3469

Ion Ratio Lower Upper

276 100

277 26.3 16.0 24.0#

138 22.4 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

Time-->

