

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041318\
 Data File : BE095997.D
 Acq On : 13 Apr 2018 15:39
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Apr 13 16:48:18 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 14:42:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1444	0.40	ng	-0.01
7) Naphthalene-d8	11.22	136	5540	0.40	ng	0.00
13) Acenaphthene-d10	14.97	164	3124	0.40	ng	0.00
19) Phenanthrene-d10	17.67	188	7438	0.40	ng	0.00
27) Chrysene-d12	21.77	240	7796	0.40	ng	-0.01
34) Perylene-d12	24.38	264	7357	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.88	112	1698	0.38	ng	0.00
5) Phenol-d6	7.53	99	2338	0.38	ng	0.00
8) Nitrobenzene-d5	9.55	82	2397	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	12.76	152	3351	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.44	330	568	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.60	172	4992	0.37	ng	-0.01
25) Fluoranthene-d10	19.66	212	36483	0.36	ng	0.00
29) Terphenyl-d14	20.22	244	6668	0.39	ng	0.00

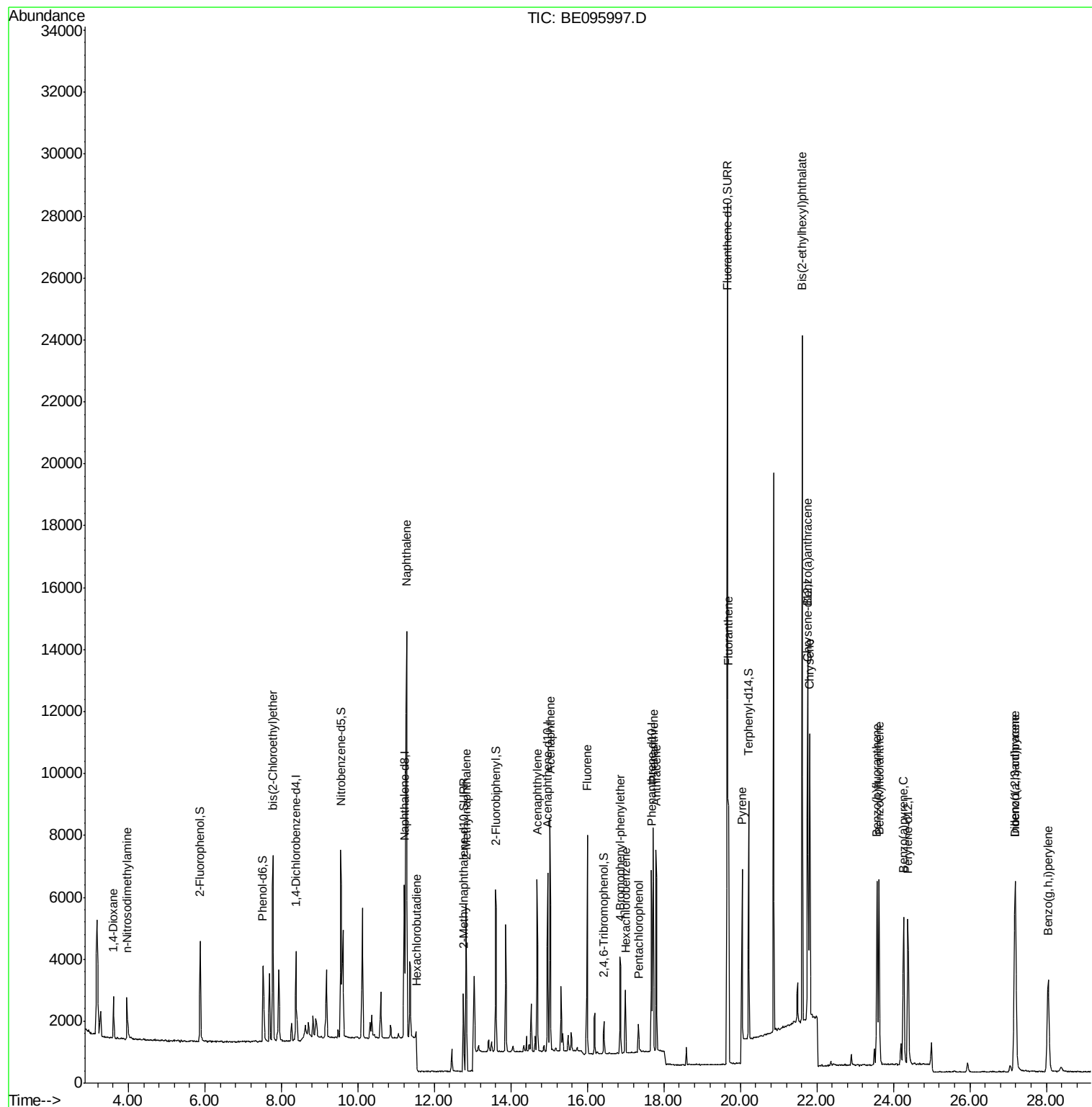
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.61	88	876	0.393	ng	# 88
3) n-Nitrosodimethylamine	3.96	42	1028	0.376	ng	86
6) bis(2-Chloroethyl)ether	7.78	93	2077	0.383	ng	94
9) Naphthalene	11.27	128	22098	0.378	ng	100
10) Hexachlorobutadiene	11.53	225	599	0.231	ng	91
12) 2-Methylnaphthalene	12.83	142	3661	0.379	ng	97
16) Acenaphthylene	14.69	152	6104	0.366	ng	99
17) Acenaphthene	15.02	154	3631	0.362	ng	94
18) Fluorene	15.99	166	4556	0.367	ng	# 78
20) 4-Bromophenyl-phenylether	16.87	248	1592	0.360	ng	# 73
21) Hexachlorobenzene	17.00	284	1619	0.368	ng	# 82
22) Pentachlorophenol	17.33	266	536	0.399	ng	# 73
23) Phenanthrene	17.72	178	7763	0.372	ng	99
24) Anthracene	17.80	178	7403	0.371	ng	# 95
26) Fluoranthene	19.69	202	9892	0.360	ng	98
28) Pyrene	20.05	202	3416	0.223	ng	# 94
30) Benzo(a)anthracene	21.75	228	9179	0.367	ng	96
31) Chrysene	21.80	228	9177	0.380	ng	97
32) Bis(2-ethylhexyl)phthalate	21.62	149	23502	0.364	ng	100
33) Indeno(1,2,3-cd)pyrene	27.18	276	8944	0.382	ng	94
35) Benzo(b)fluoranthene	23.57	252	8422	0.382	ng	# 90
36) Benzo(k)fluoranthene	23.62	252	8318	0.366	ng	94
37) Benzo(a)pyrene	24.27	252	7920	0.373	ng	93
38) Dibenzo(a,h)anthracene	27.19	278	7178	0.384	ng	96
39) Benzo(g,h,i)perylene	28.05	276	7491	0.379	ng	# 93

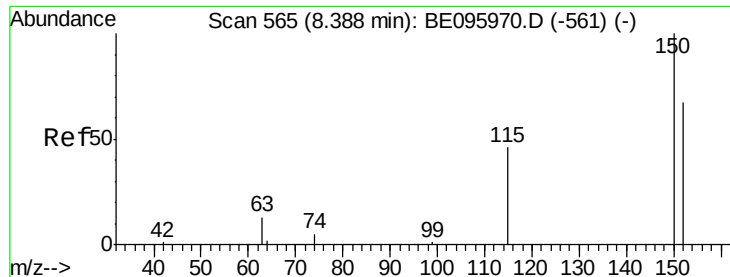
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041118.M
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.38 min Scan# 564

Delta R.T. -0.01 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

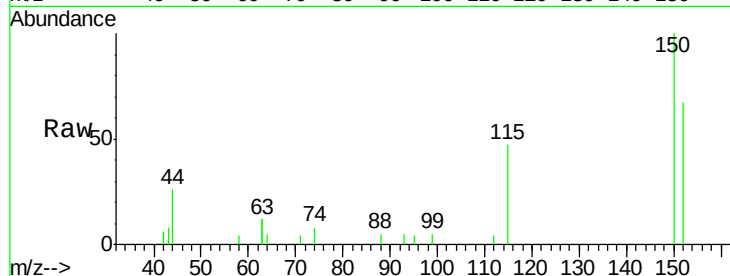
Tgt Ion:152 Resp: 1444

Ion Ratio Lower Upper

152 100

150 148.4 117.2 175.8

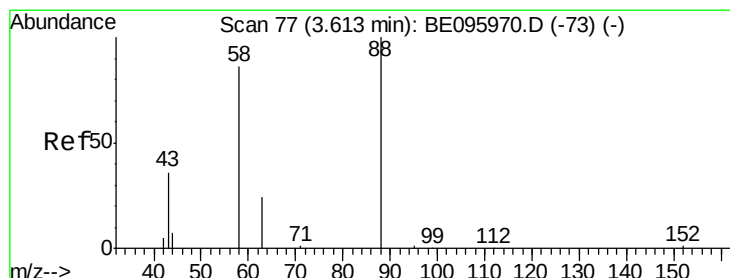
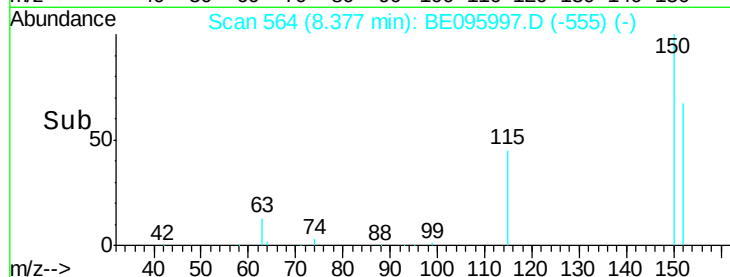
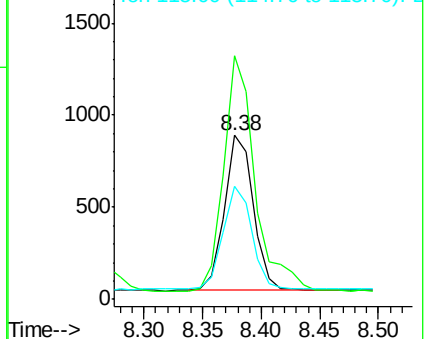
115 69.2 57.0 85.6



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



#2

1,4-Dioxane

Concen: 0.393 ng

RT: 3.61 min Scan# 77

Delta R.T. -0.00 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

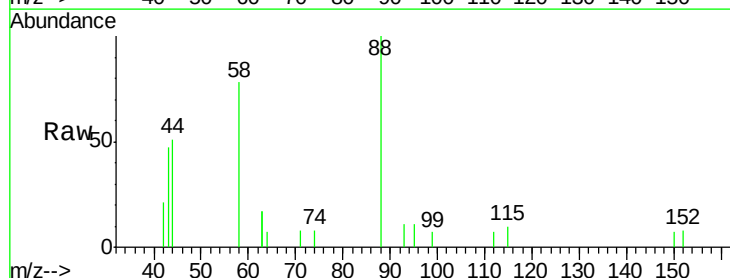
Tgt Ion: 88 Resp: 876

Ion Ratio Lower Upper

88 100

58 84.6 63.2 94.8

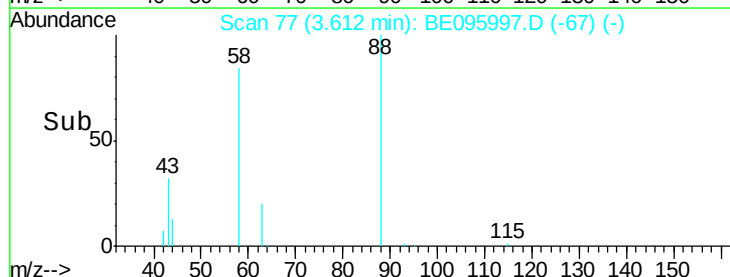
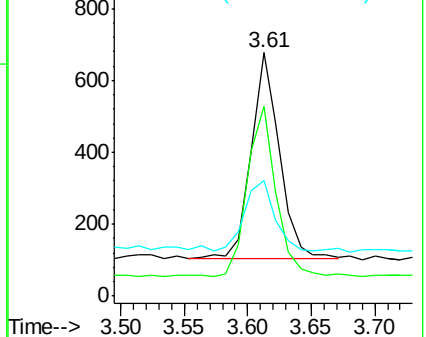
43 36.5 41.2 61.8#

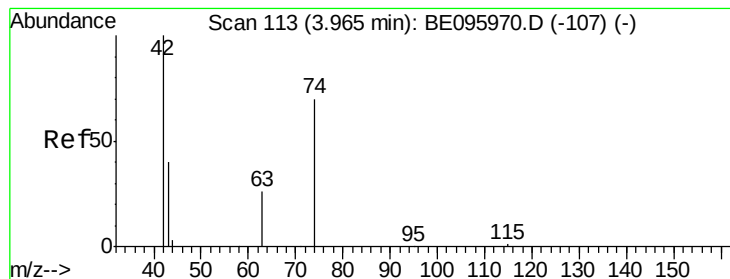


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.376 ng

RT: 3.96 min Scan# 113

Delta R.T. -0.00 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

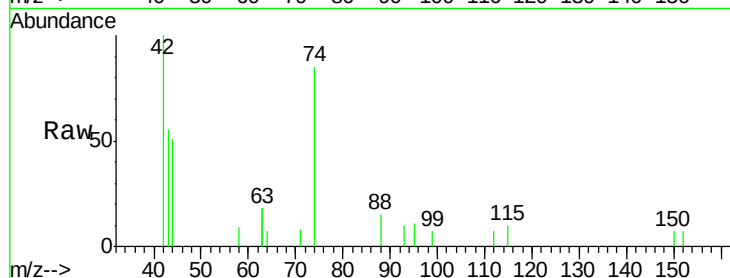
Tgt Ion: 42 Resp: 1028

Ion Ratio Lower Upper

42 100

74 102.7 96.0 144.0

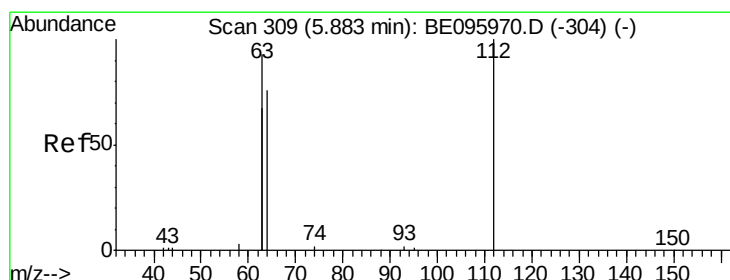
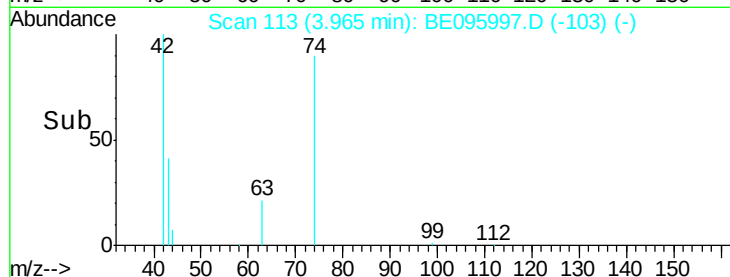
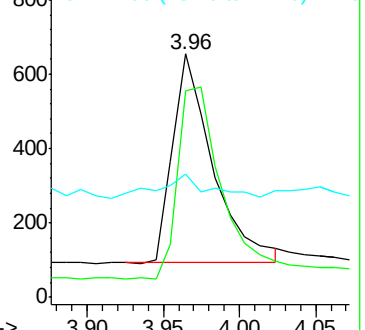
44 13.5 12.0 18.0



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: 0.380 ng

RT: 5.88 min Scan# 309

Delta R.T. -0.00 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

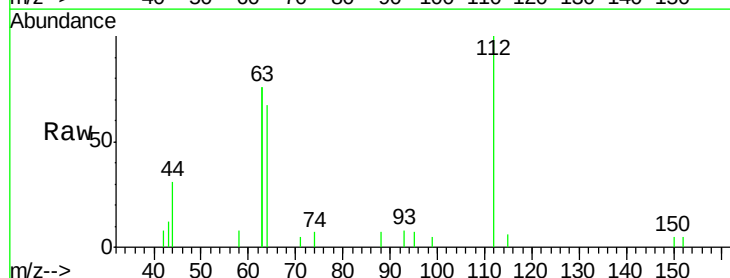
Tgt Ion: 112 Resp: 1698

Ion Ratio Lower Upper

112 100

64 74.9 60.1 90.1

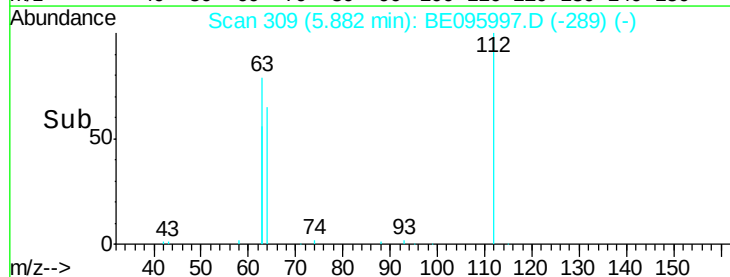
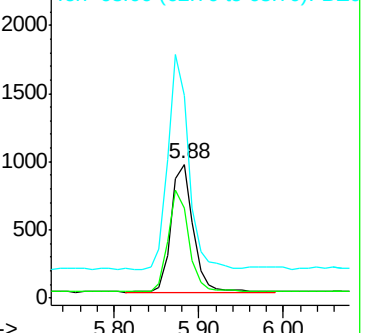
63 158.5 116.8 175.2

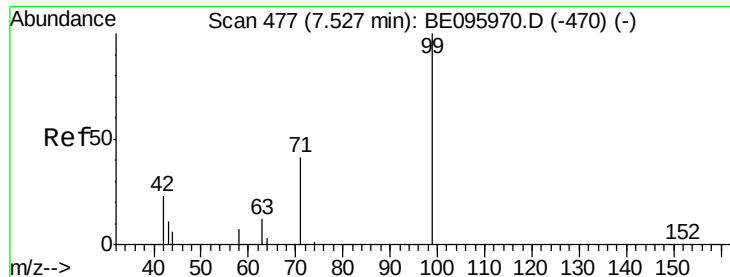


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.379 ng

RT: 7.53 min Scan# 477

Delta R.T. -0.00 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

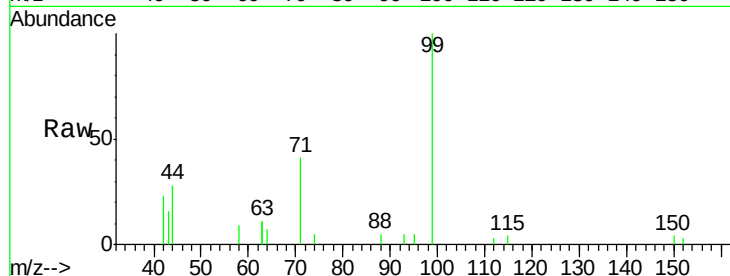
Tgt Ion: 99 Resp: 2338

Ion Ratio Lower Upper

99 100

42 26.3 20.2 30.2

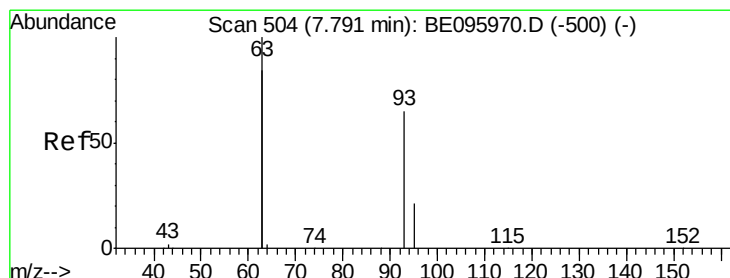
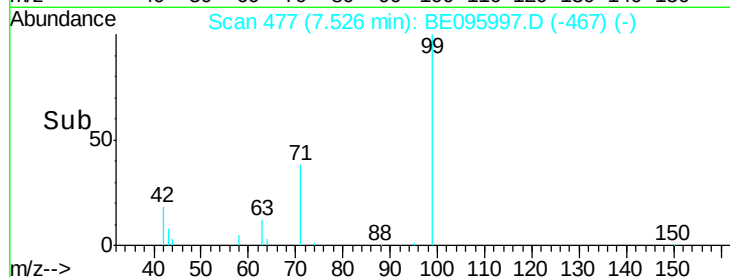
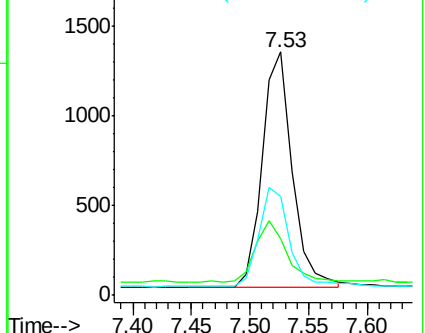
71 42.5 28.4 42.6



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: 0.383 ng

RT: 7.78 min Scan# 503

Delta R.T. -0.00 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

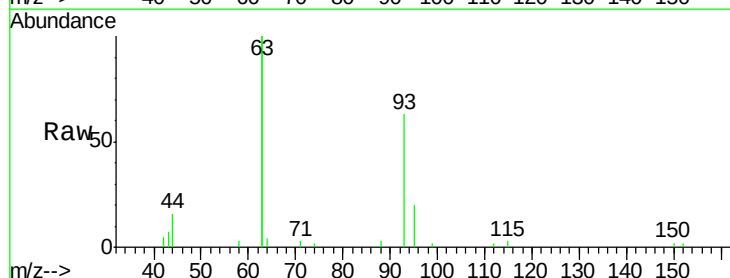
Tgt Ion: 93 Resp: 2077

Ion Ratio Lower Upper

93 100

63 330.3 275.3 412.9

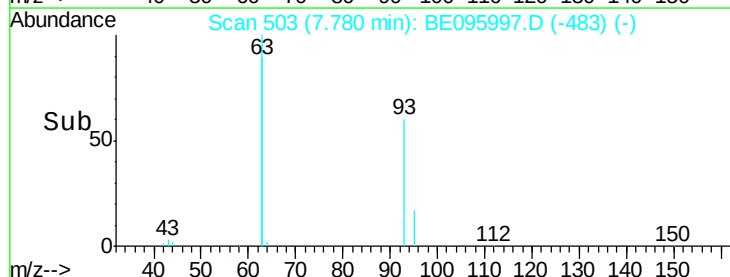
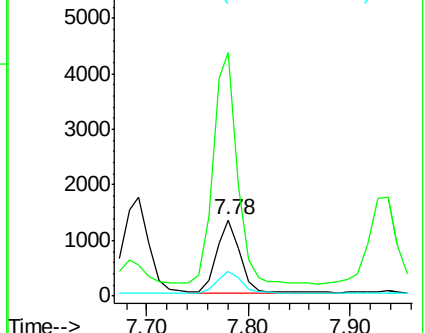
95 30.9 25.2 37.8

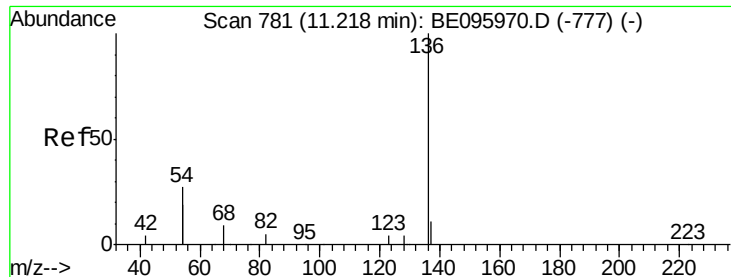


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.22 min Scan# 781

Delta R.T. -0.00 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 5540

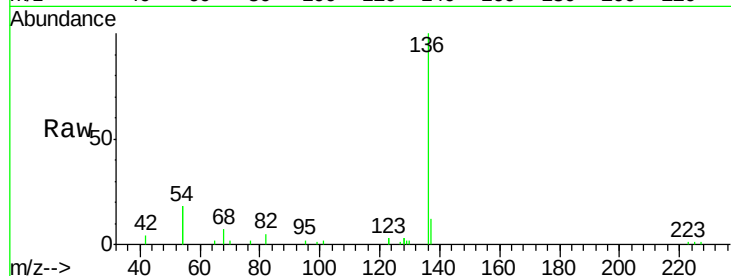
Ion Ratio Lower Upper

136 100

137 11.8 9.5 14.3

54 36.6 29.1 43.7

68 7.0 6.2 9.2

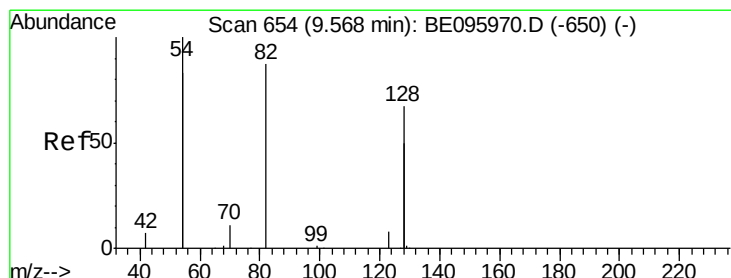
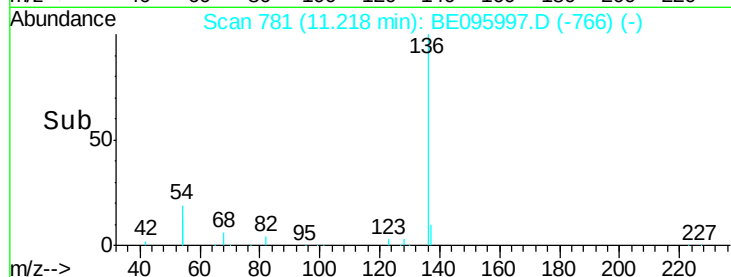
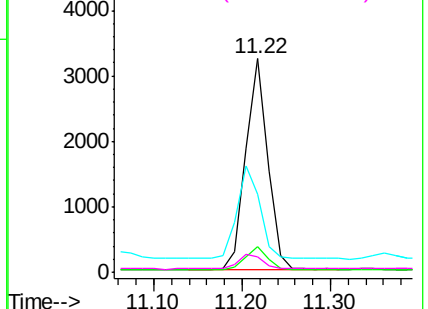


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.369 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

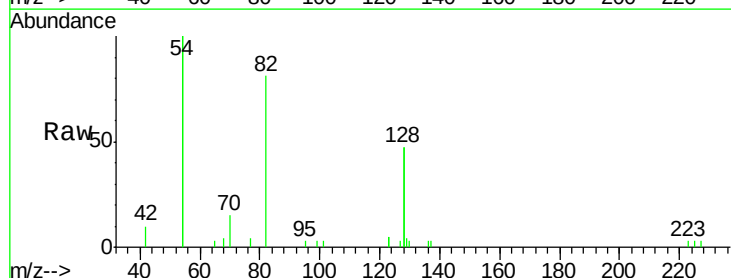
Tgt Ion: 82 Resp: 2397

Ion Ratio Lower Upper

82 100

128 115.8 150.0 225.0#

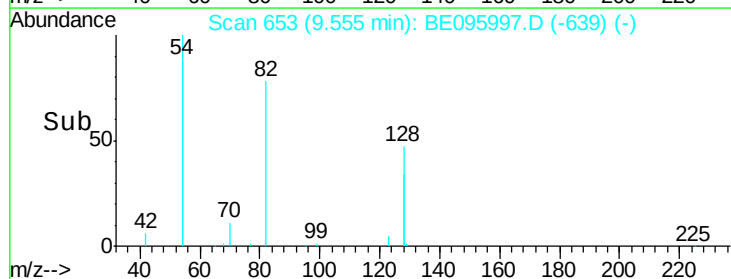
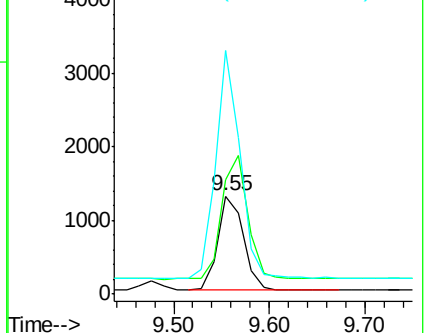
54 247.8 154.2 231.4#

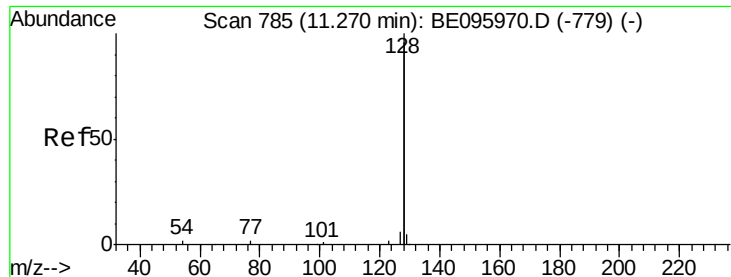


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.378 ng

RT: 11.27 min Scan# 785

Delta R.T. -0.00 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

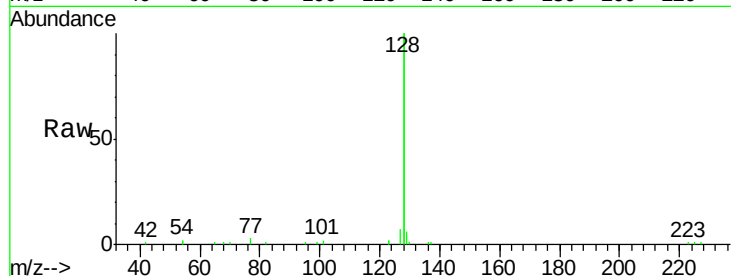
Tgt Ion:128 Resp: 22098

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

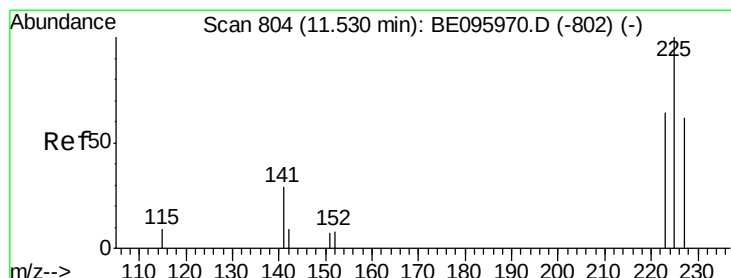
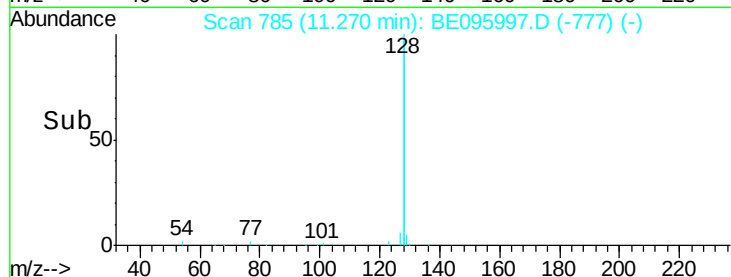
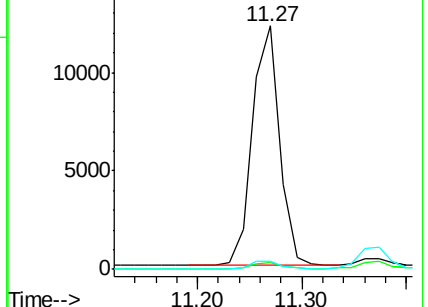
127 3.6 2.8 4.2



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: 0.231 ng

RT: 11.53 min Scan# 804

Delta R.T. 0.00 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

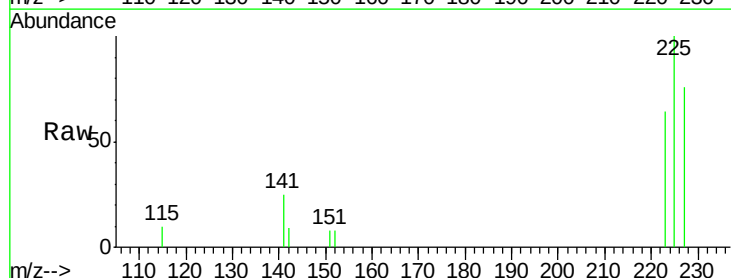
Tgt Ion:225 Resp: 599

Ion Ratio Lower Upper

225 100

223 59.4 53.0 79.6

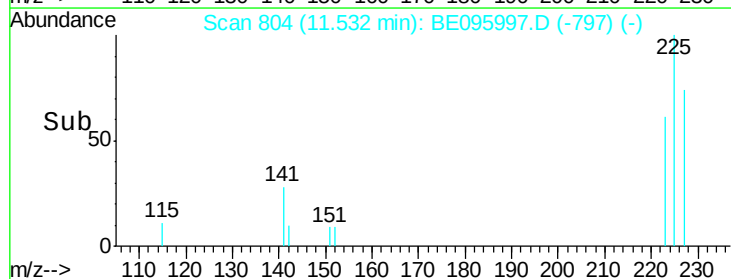
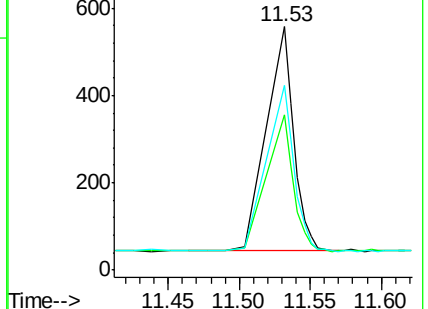
227 72.3 51.4 77.2

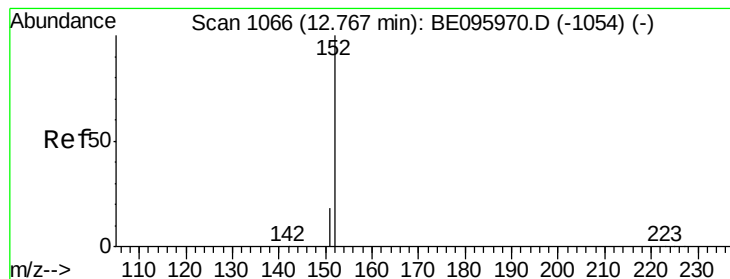


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.382 ng

RT: 12.76 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

Instrument :

BNA_E

ClientSampleId :

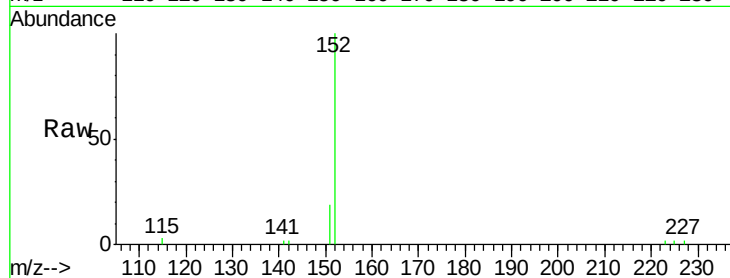
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3351

Ion Ratio Lower Upper

152 100

151 19.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.76

2500

2000

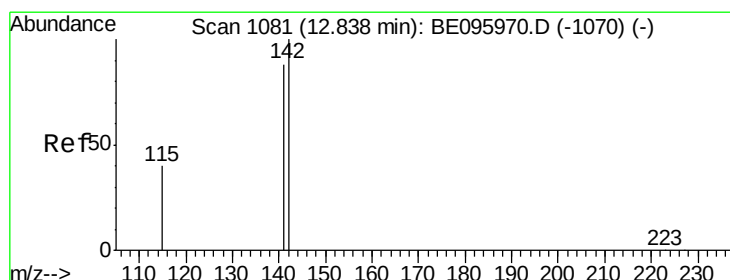
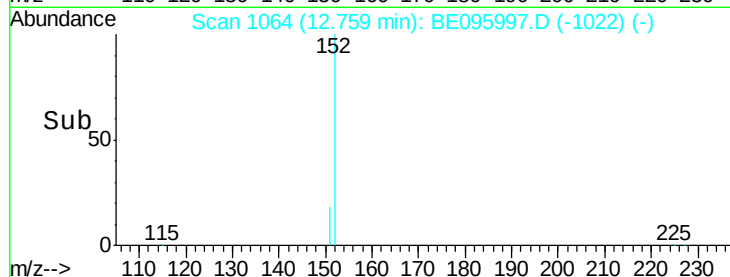
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.379 ng

RT: 12.83 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

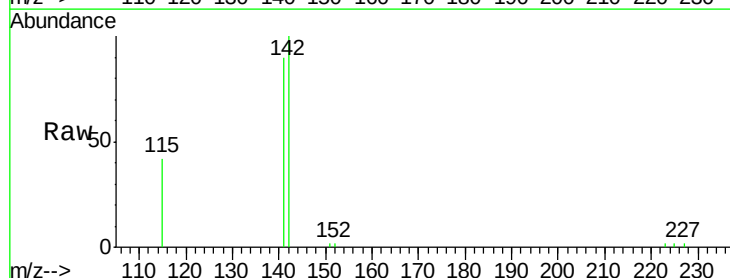
Tgt Ion:142 Resp: 3661

Ion Ratio Lower Upper

142 100

141 90.1 70.4 105.6

115 42.2 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

12.83

3000

2500

2000

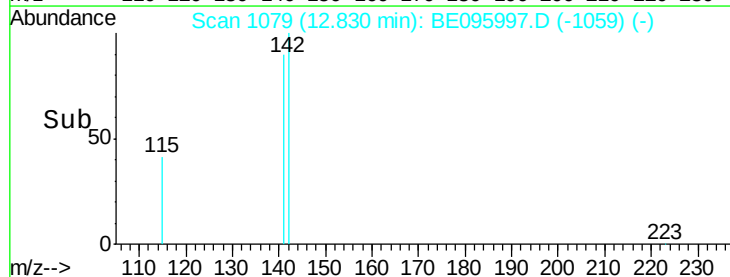
1500

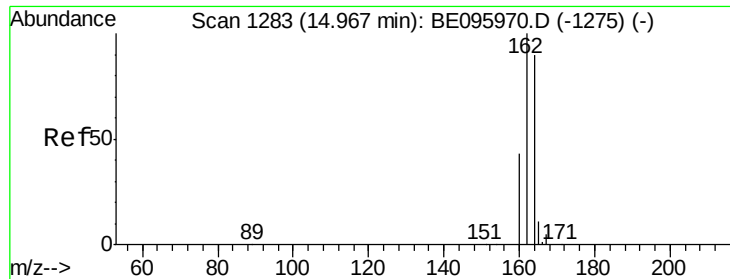
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.97 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

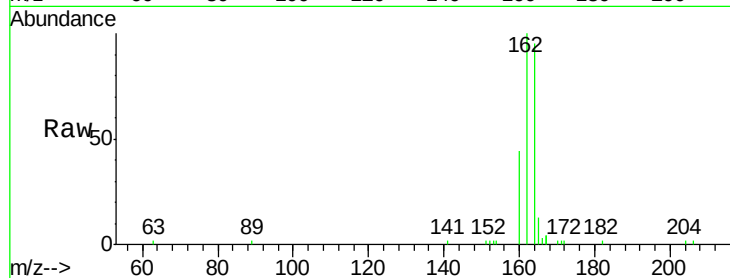
Tgt Ion:164 Resp: 3124

Ion Ratio Lower Upper

164 100

162 104.9 83.1 124.7

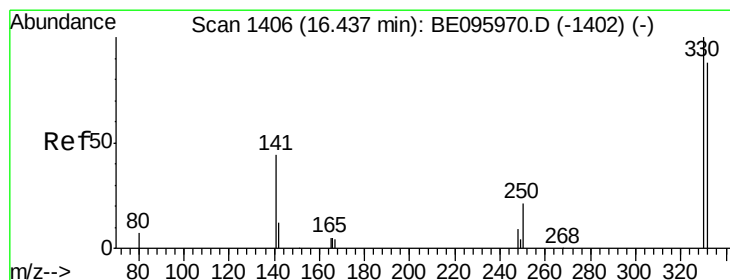
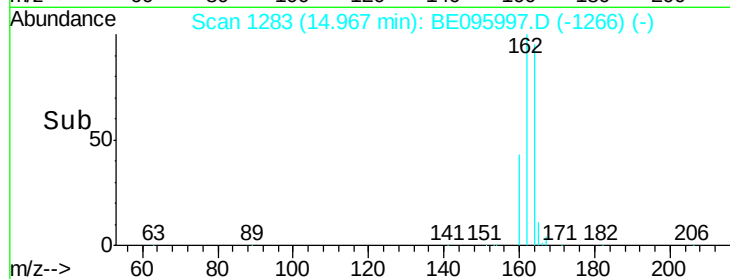
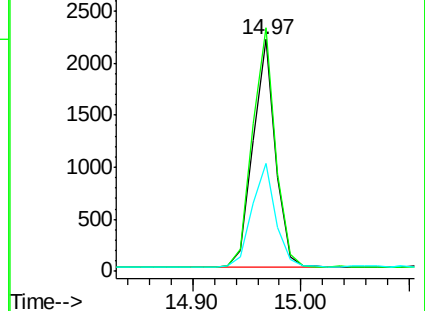
160 46.4 37.1 55.7



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: 0.377 ng

RT: 16.44 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

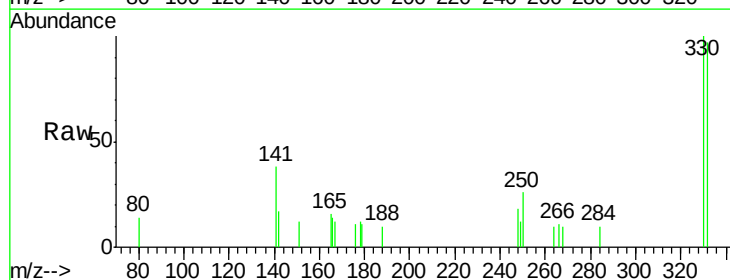
Tgt Ion:330 Resp: 568

Ion Ratio Lower Upper

330 100

332 93.7 152.7 229.1#

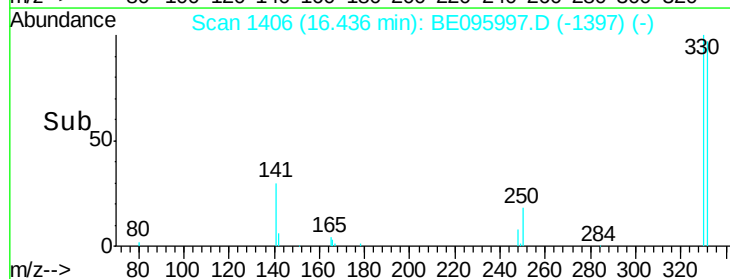
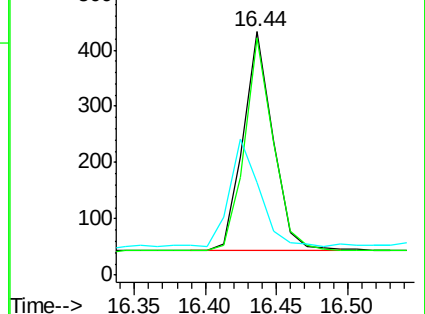
141 48.9 33.7 50.5

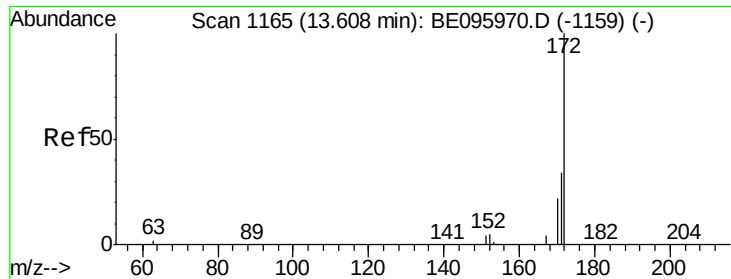


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

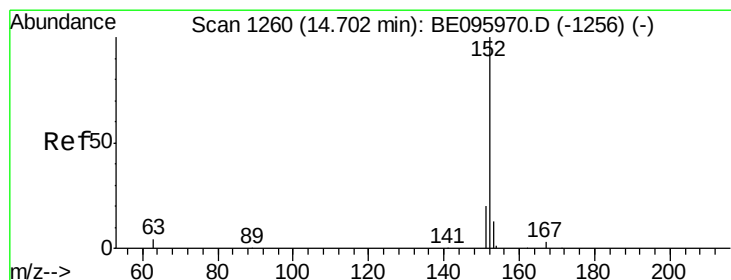
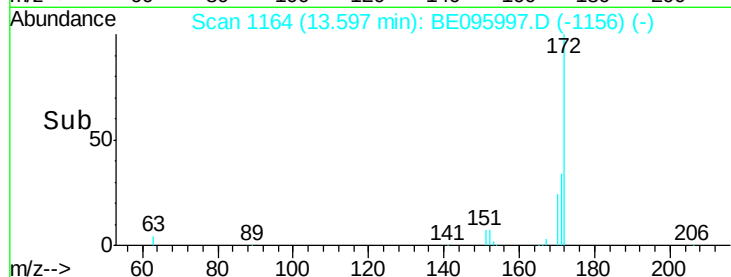
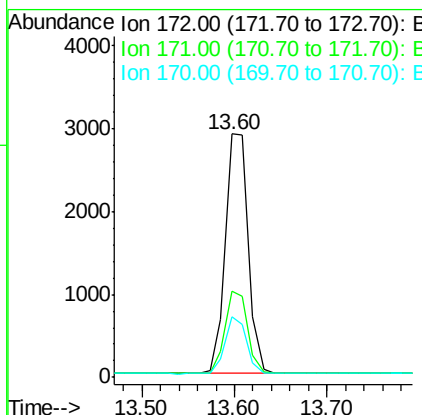
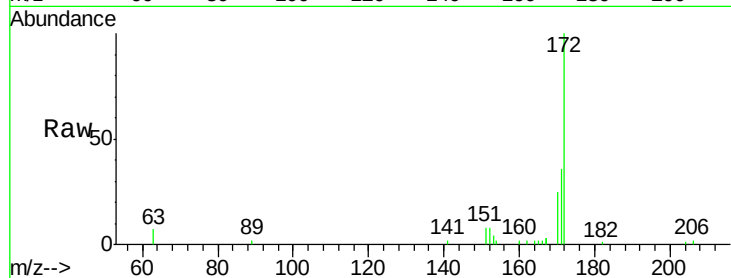




#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 13.60 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BE095997.D
Acq: 13 Apr 2018 15:39

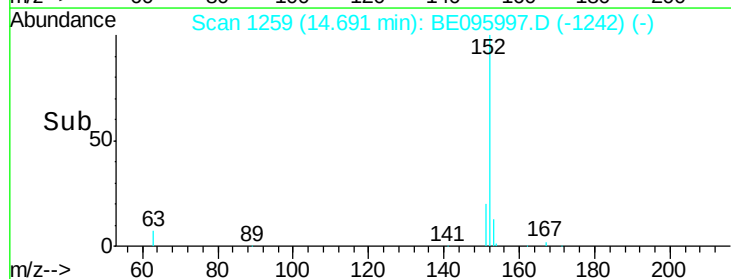
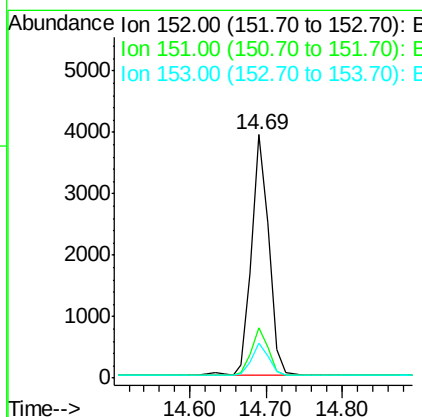
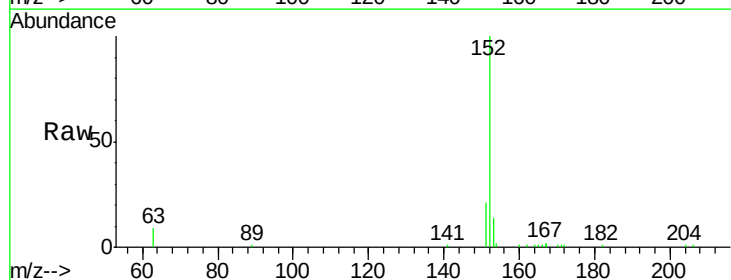
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

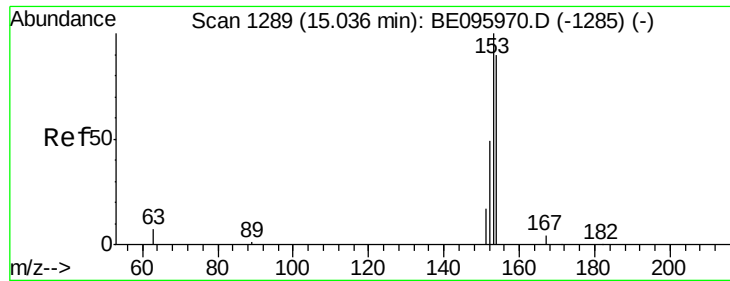
Tgt Ion: 172 Resp: 4992
Ion Ratio Lower Upper
172 100
171 35.6 29.9 44.9
170 24.8 21.8 32.8



#16
Acenaphthylene
Concen: 0.366 ng
RT: 14.69 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BE095997.D
Acq: 13 Apr 2018 15:39

Tgt Ion: 152 Resp: 6104
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 12.6 10.5 15.7





#17

Acenaphthene

Concen: 0.362 ng

RT: 15.02 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

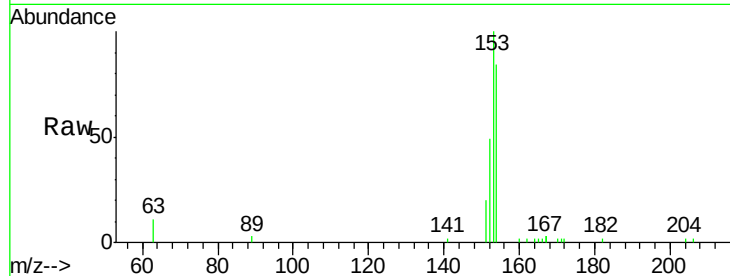
Tgt Ion:154 Resp: 3631

Ion Ratio Lower Upper

154 100

153 116.6 89.2 133.8

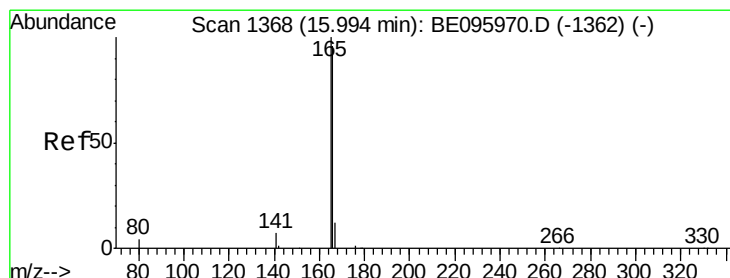
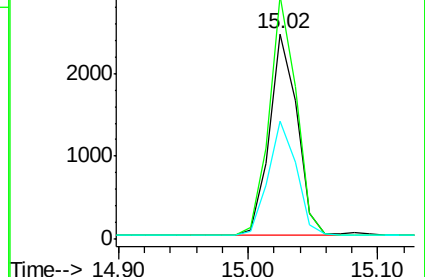
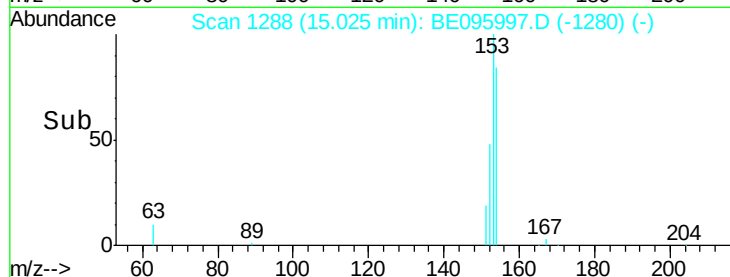
152 58.2 42.0 63.0



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: 0.367 ng

RT: 15.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

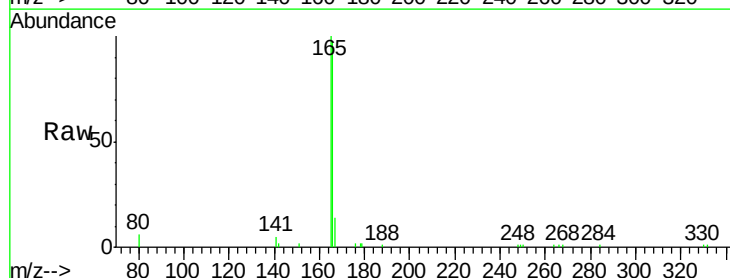
Tgt Ion:166 Resp: 4556

Ion Ratio Lower Upper

166 100

165 100.2 77.8 116.6

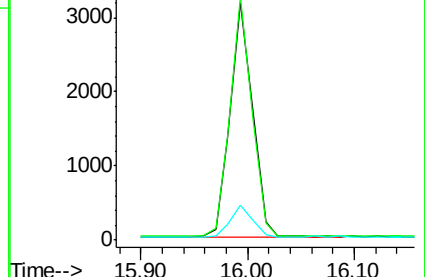
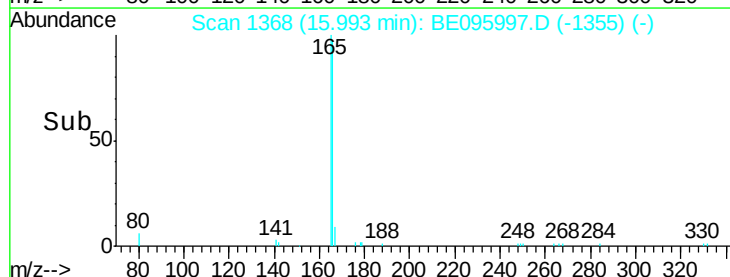
167 13.5 42.4 63.6#

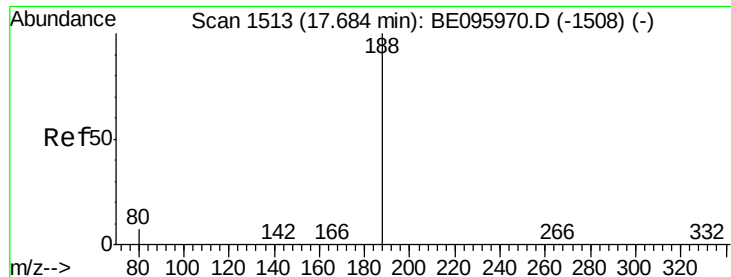


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.67 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

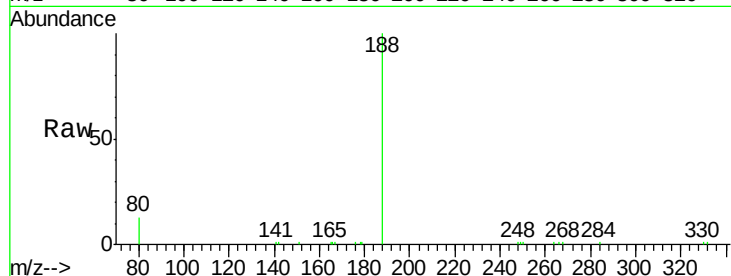
Tgt Ion:188 Resp: 7438

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

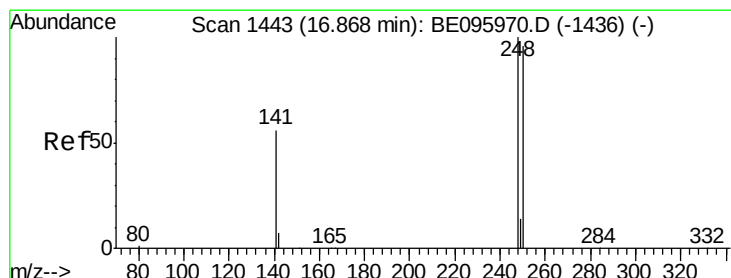
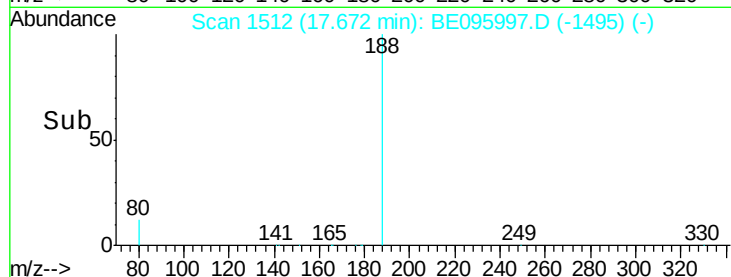
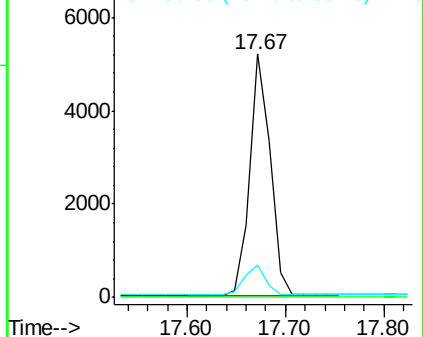
80 13.4 3.6 5.4#



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: 0.360 ng

RT: 16.87 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

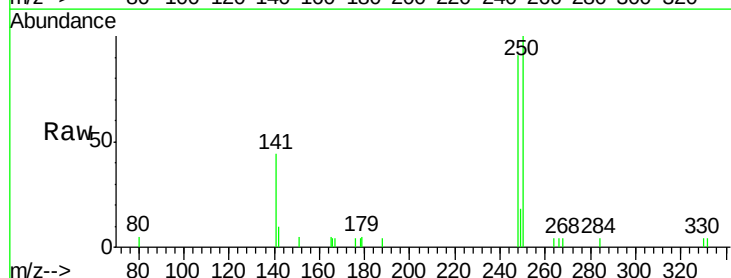
Tgt Ion:248 Resp: 1592

Ion Ratio Lower Upper

248 100

250 110.0 62.7 94.1#

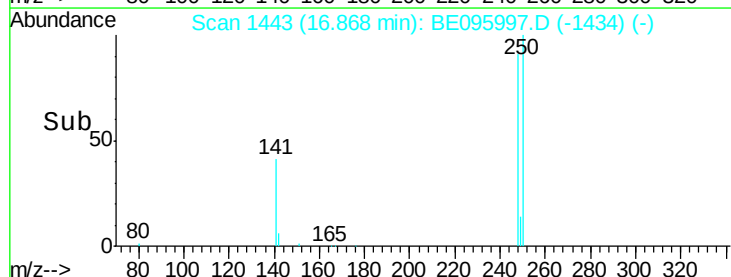
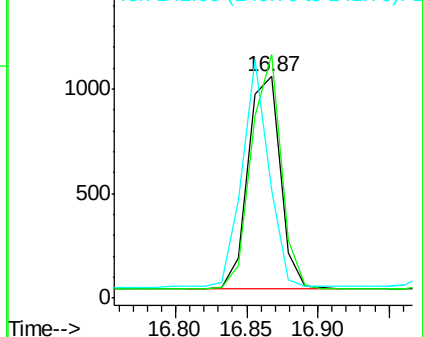
141 48.8 48.2 72.2

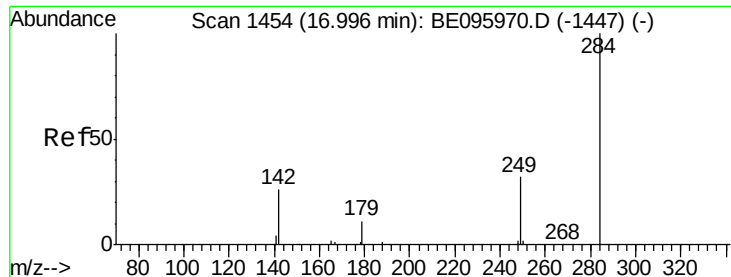


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.368 ng

RT: 17.00 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

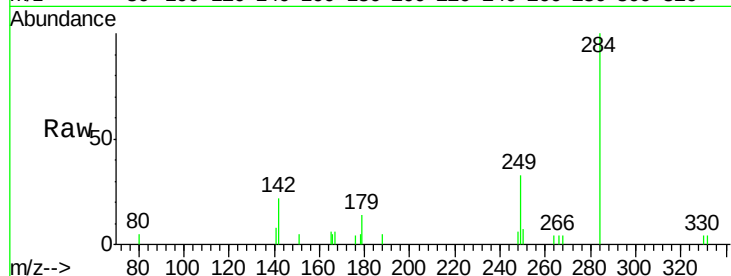
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

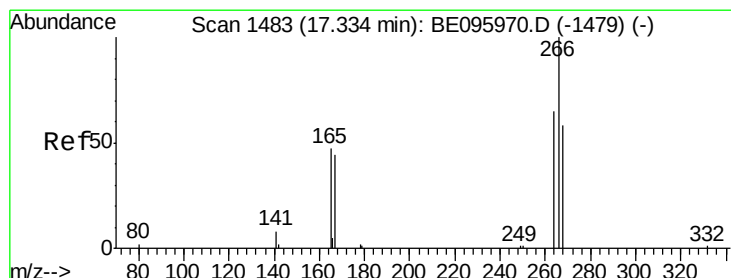
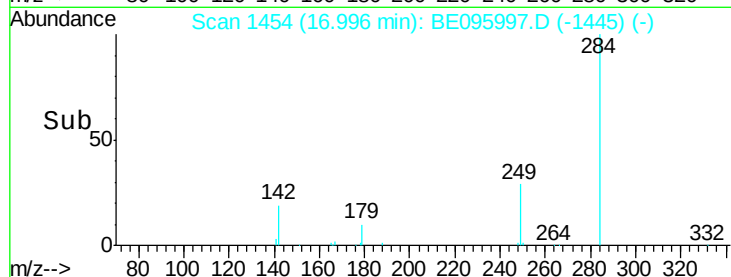
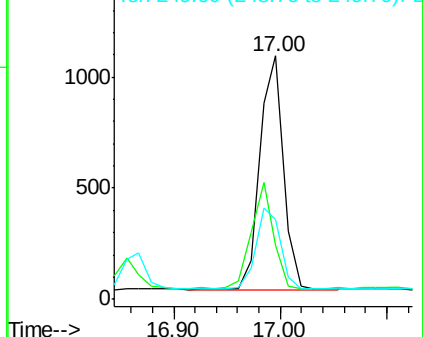
Tgt Ion:	284	Resp:	1619
Ion	Ratio	Lower	Upper
284	100		
142	42.8	22.1	33.1#
249	36.2	34.8	52.2



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: 0.399 ng

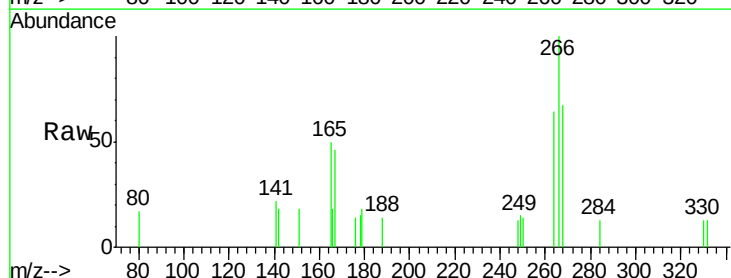
RT: 17.33 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

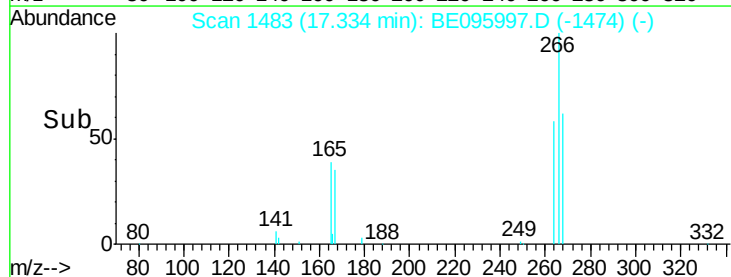
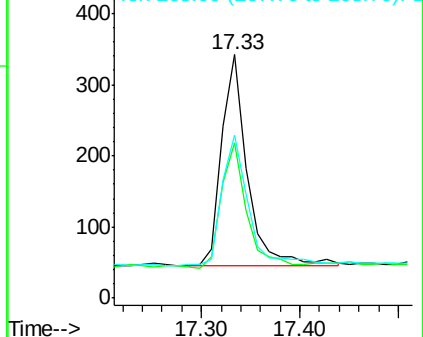
Tgt Ion:	266	Resp:	536
Ion	Ratio	Lower	Upper
266	100		
264	64.0	72.5	108.7#
268	67.0	73.8	110.6#

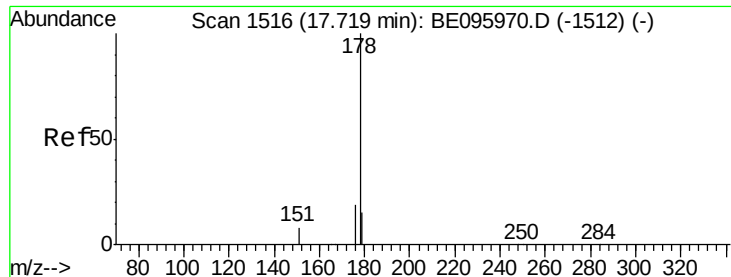


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.372 ng

RT: 17.72 min Scan# 1516

Delta R.T. -0.00 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

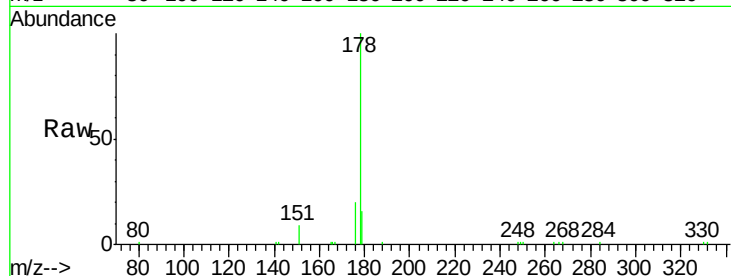
Tgt Ion:178 Resp: 7763

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

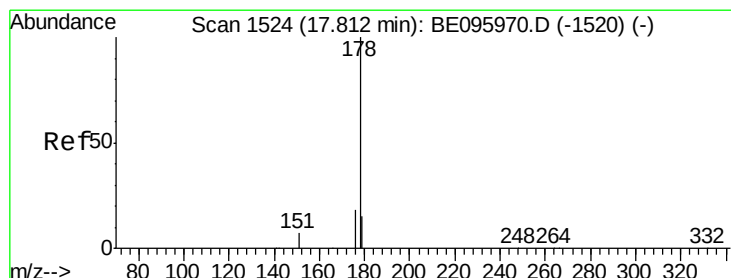
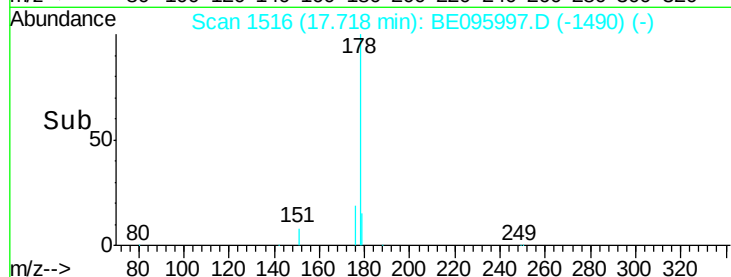
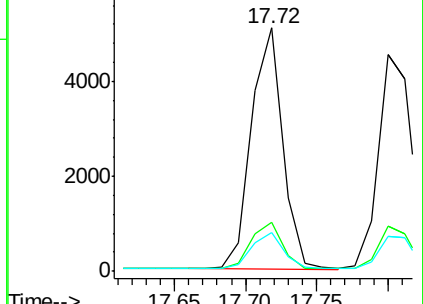
179 14.8 11.8 17.6



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



#24

Anthracene

Concen: 0.371 ng

RT: 17.80 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

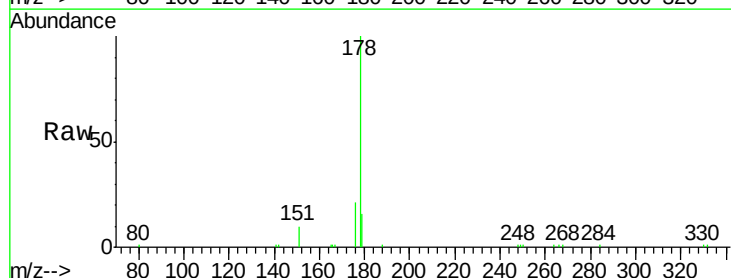
Tgt Ion:178 Resp: 7403

Ion Ratio Lower Upper

178 100

176 19.4 12.8 19.2#

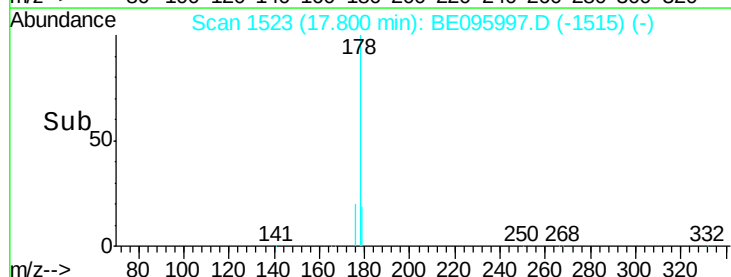
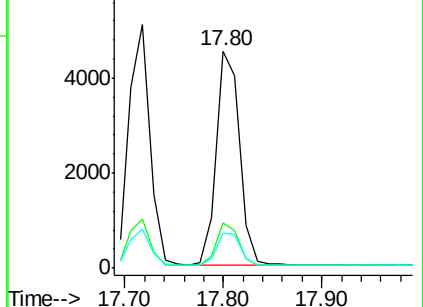
179 15.3 13.0 19.6

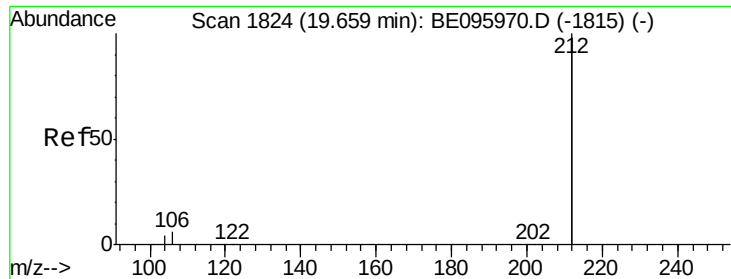


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

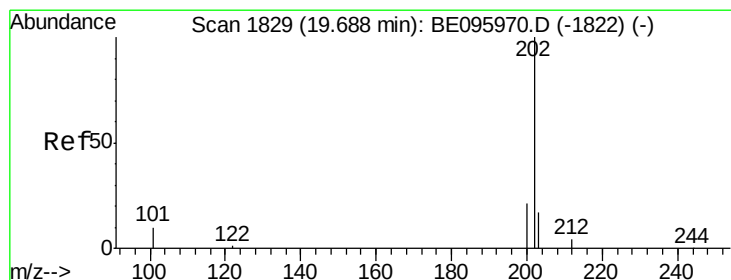
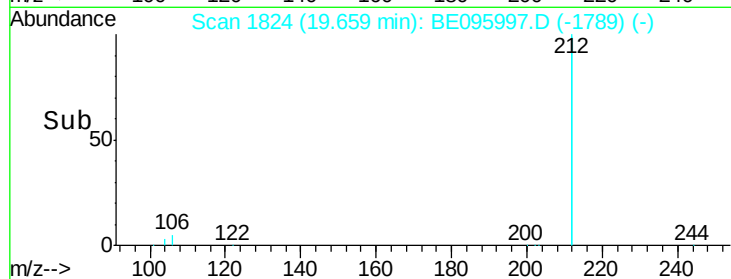
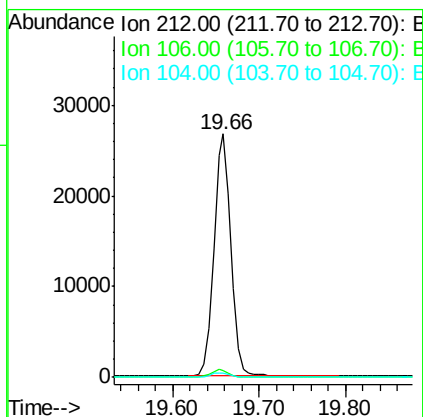
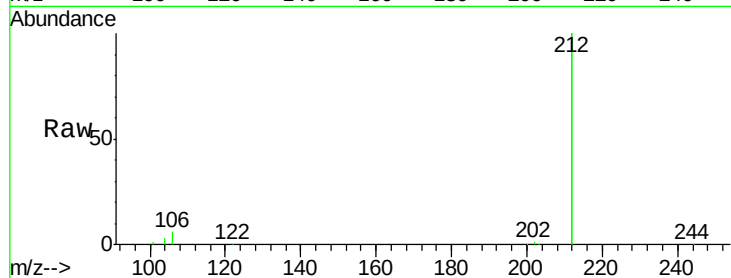




#25
 Fluoranthene-d10
 Concen: 0.361 ng
 RT: 19.66 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BE095997.D
 Acq: 13 Apr 2018 15:39

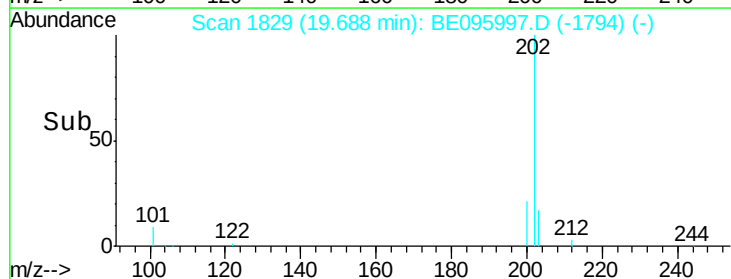
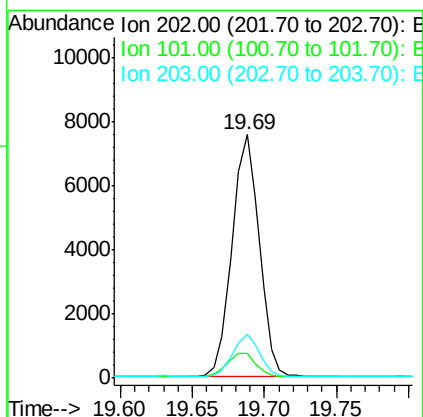
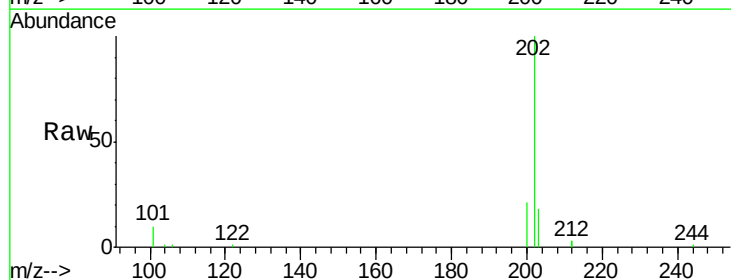
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

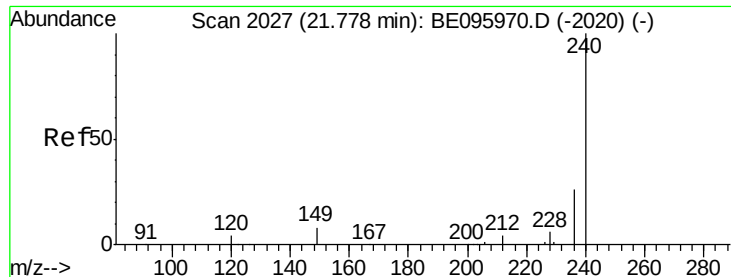
Tgt Ion: 212 Resp: 36483
 Ion Ratio Lower Upper
 212 100
 106 3.0 2.8 4.2
 104 1.7 1.6 2.4



#26
 Fluoranthene
 Concen: 0.360 ng
 RT: 19.69 min Scan# 1829
 Delta R.T. -0.00 min
 Lab File: BE095997.D
 Acq: 13 Apr 2018 15:39

Tgt Ion: 202 Resp: 9892
 Ion Ratio Lower Upper
 202 100
 101 10.6 9.8 14.8
 203 17.2 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.77 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

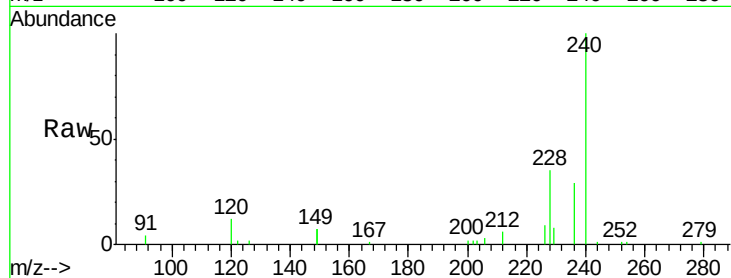
Tgt Ion:240 Resp: 7796

Ion Ratio Lower Upper

240 100

120 12.5 5.5 8.3#

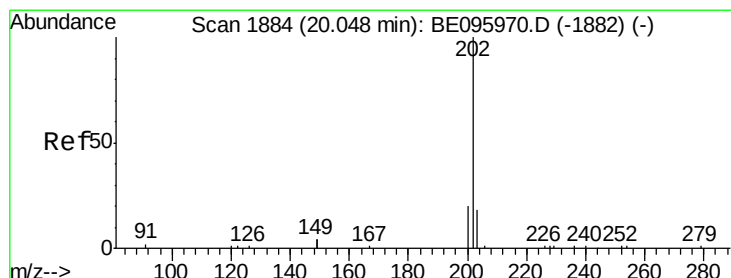
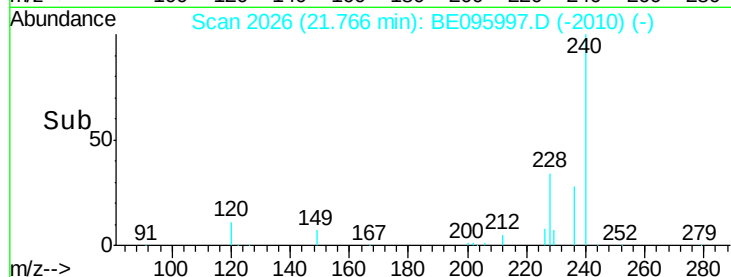
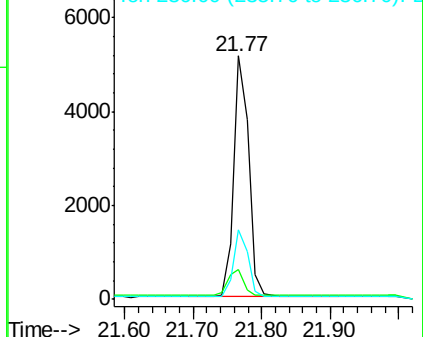
236 28.5 20.7 31.1



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: 0.223 ng

RT: 20.05 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

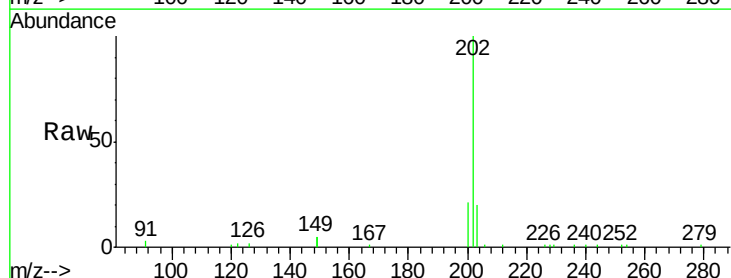
Tgt Ion:202 Resp: 3416

Ion Ratio Lower Upper

202 100

200 22.0 16.6 25.0

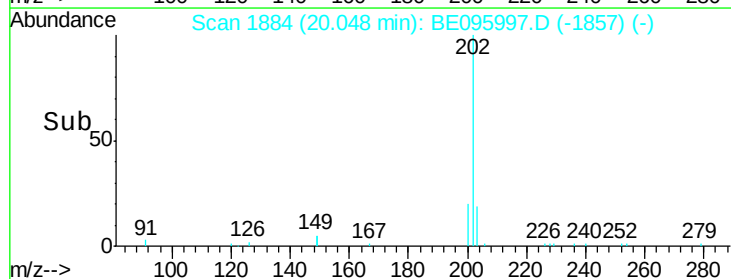
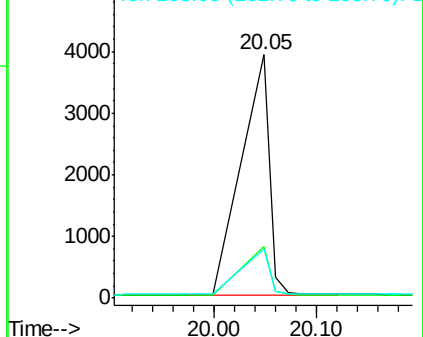
203 21.4 13.8 20.8#

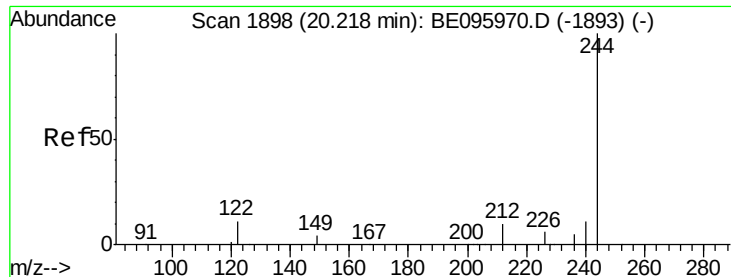


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.387 ng

RT: 20.22 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

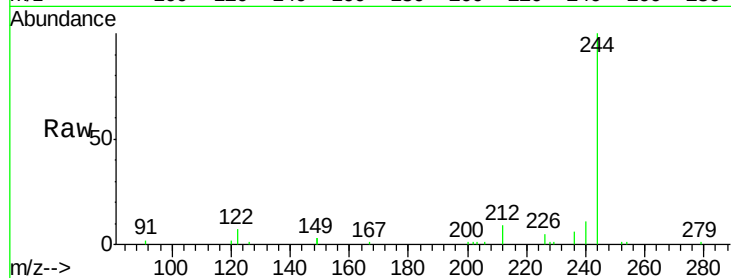
Tgt Ion:244 Resp: 6668

Ion Ratio Lower Upper

244 100

212 9.3 25.4 38.0#

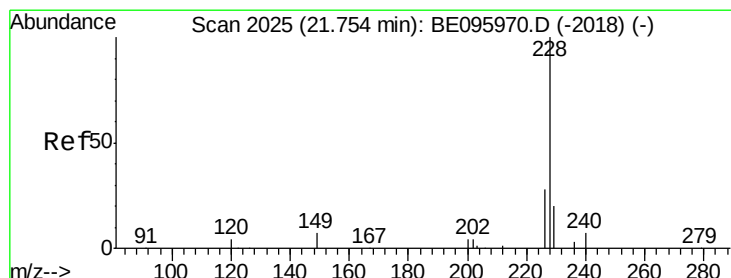
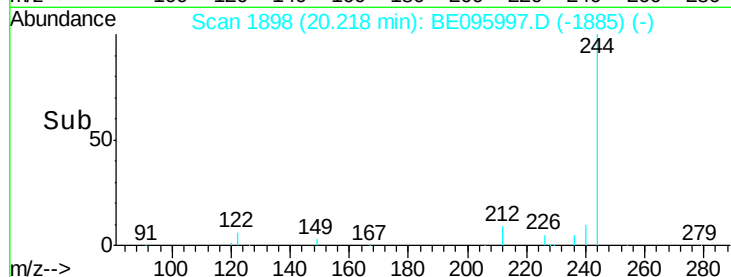
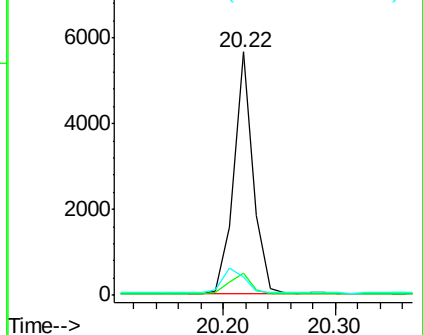
122 7.4 8.1 12.1#



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: 0.367 ng

RT: 21.75 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

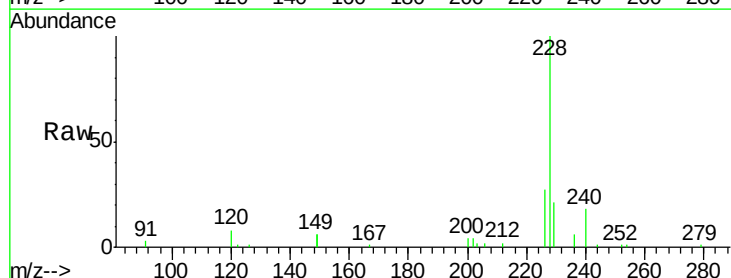
Tgt Ion:228 Resp: 9179

Ion Ratio Lower Upper

228 100

226 27.1 24.0 36.0

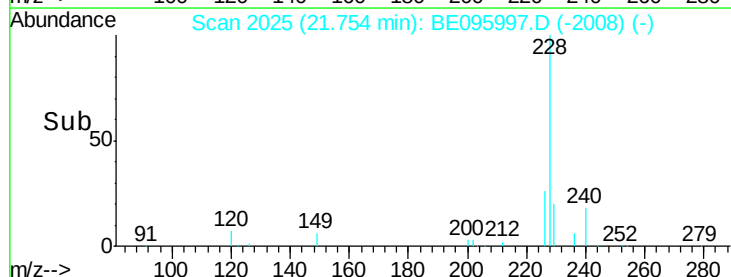
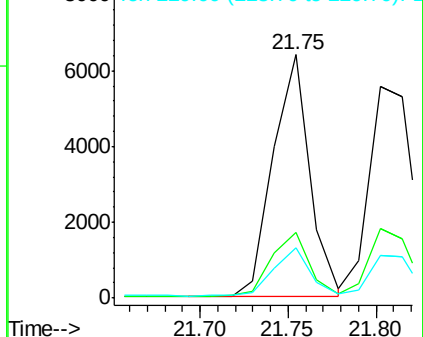
229 20.8 16.0 24.0

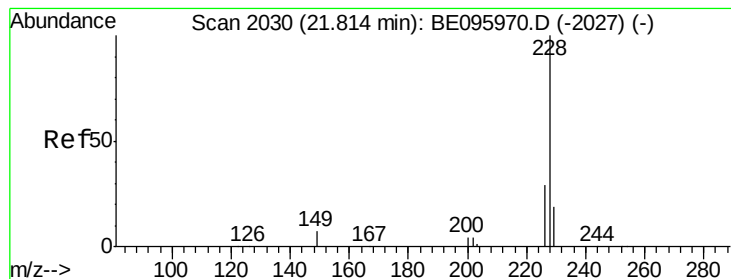


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.380 ng

RT: 21.80 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

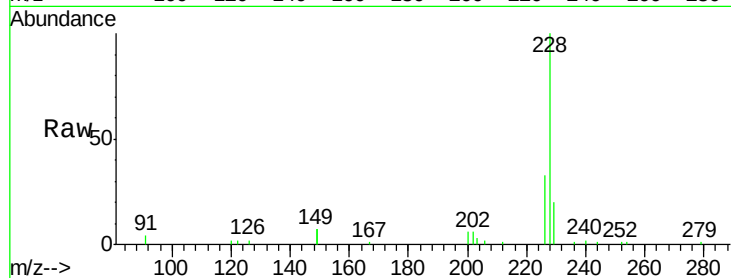
Tgt Ion:228 Resp: 9177

Ion Ratio Lower Upper

228 100

226 32.6 24.0 36.0

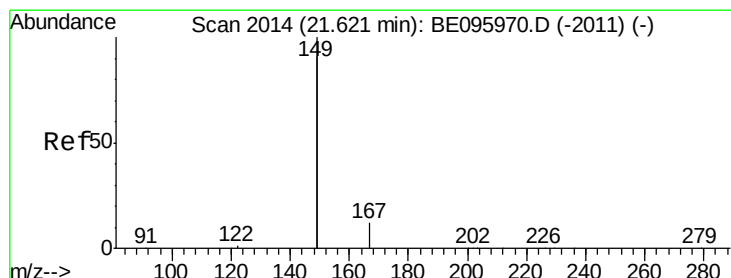
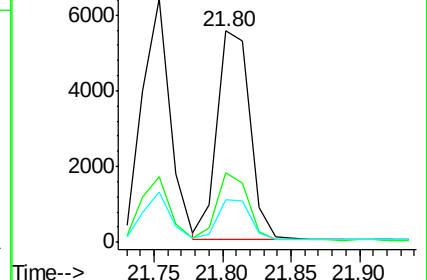
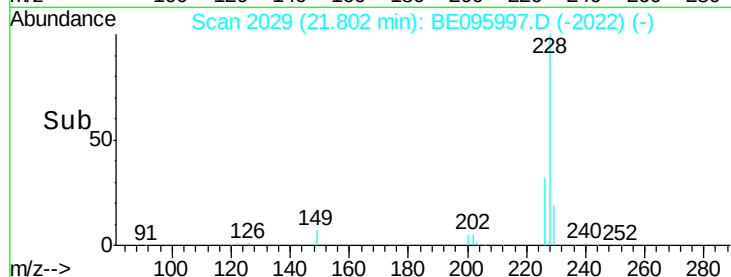
229 20.0 16.0 24.0



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: 0.364 ng

RT: 21.62 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

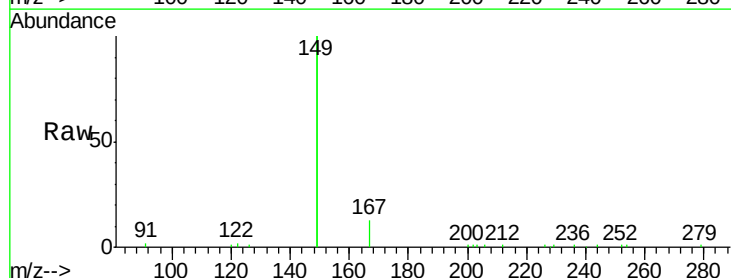
Tgt Ion:149 Resp: 23502

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

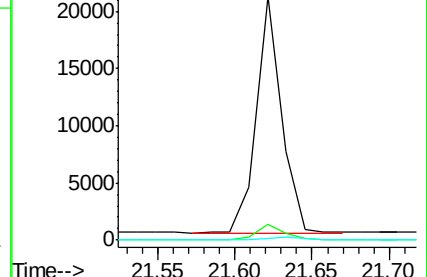
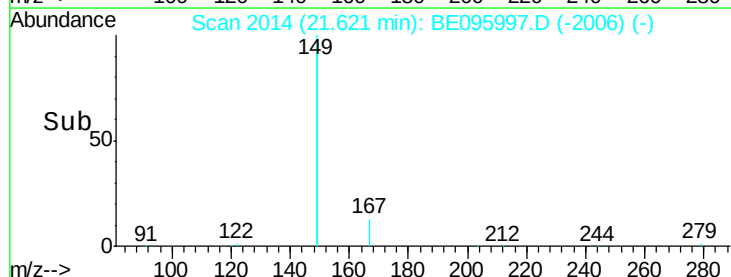
279 1.0 0.7 1.1

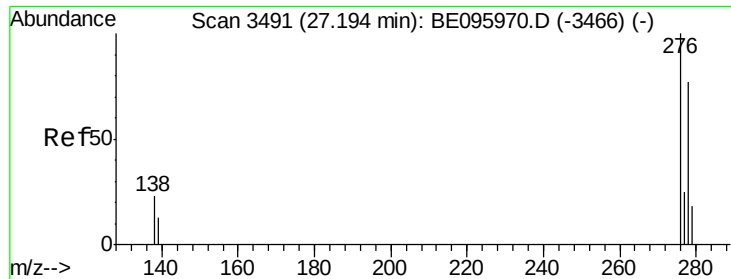


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.382 ng

RT: 27.18 min Scan# 3487

Delta R.T. 0.01 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

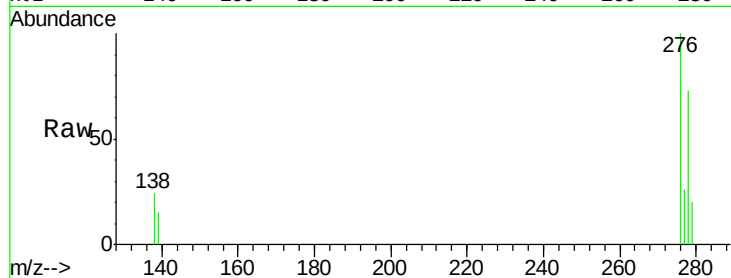
Tgt Ion:276 Resp: 8944

Ion Ratio Lower Upper

276 100

138 23.0 22.5 33.7

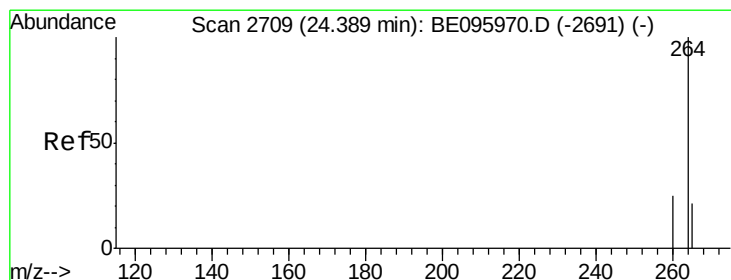
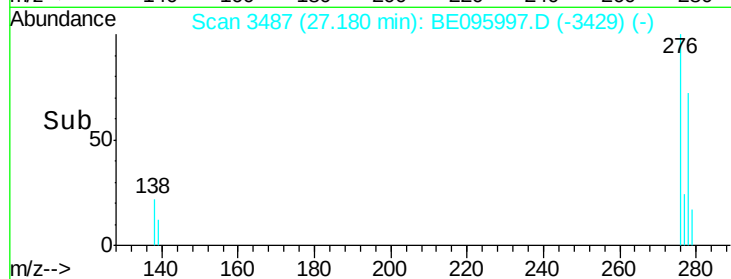
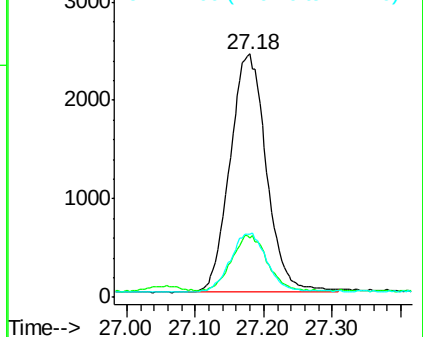
277 24.2 19.9 29.9



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: 0.400 ng

RT: 24.38 min Scan# 2707

Delta R.T. -0.00 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

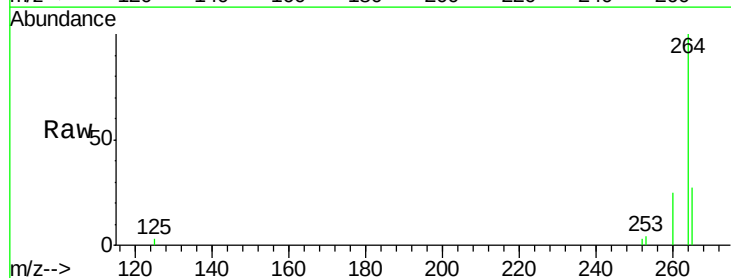
Tgt Ion:264 Resp: 7357

Ion Ratio Lower Upper

264 100

260 25.0 20.5 30.7

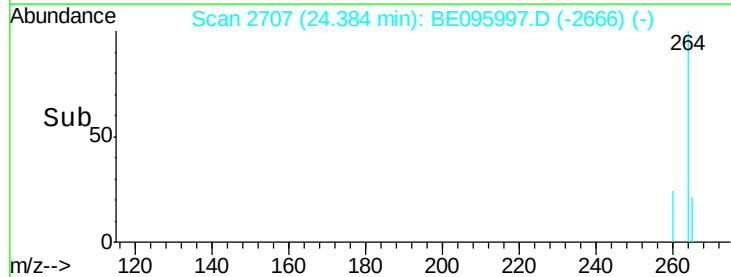
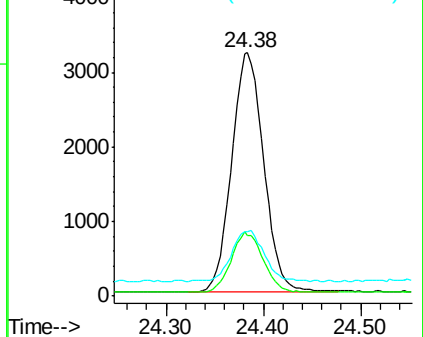
265 26.7 22.8 34.2

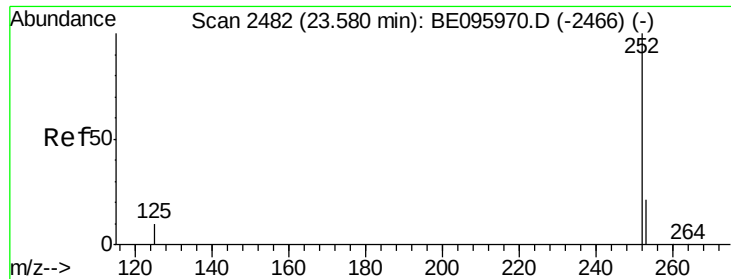


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.382 ng

RT: 23.57 min Scan# 2479

Delta R.T. -0.00 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

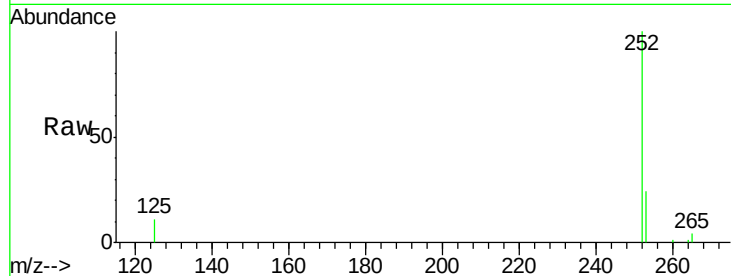
Tgt Ion:252 Resp: 8422

Ion Ratio Lower Upper

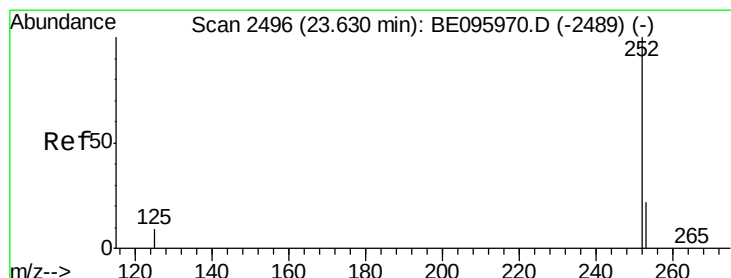
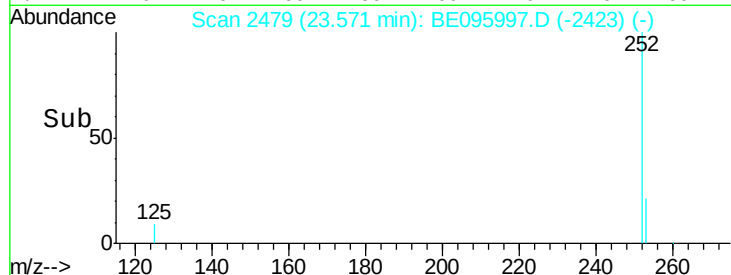
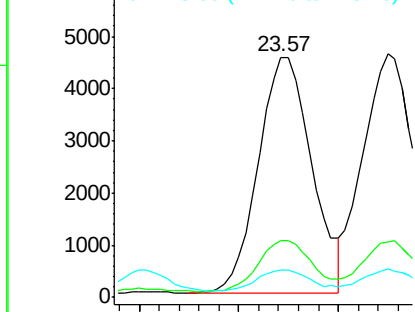
252 100

253 23.6 20.0 30.0

125 11.3 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: 0.366 ng

RT: 23.62 min Scan# 2494

Delta R.T. -0.00 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

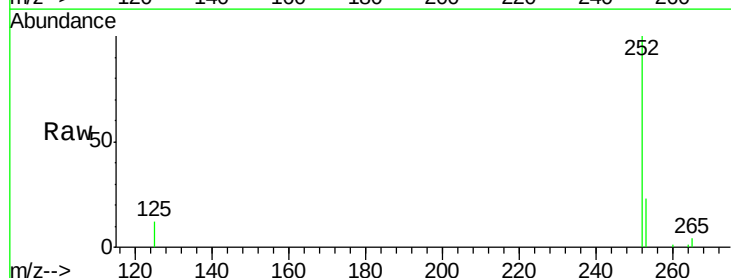
Tgt Ion:252 Resp: 8318

Ion Ratio Lower Upper

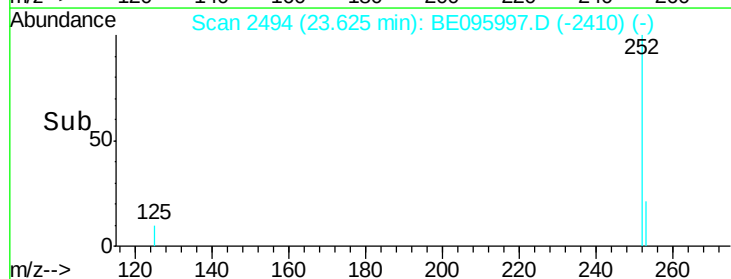
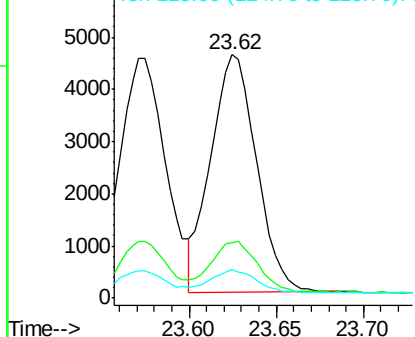
252 100

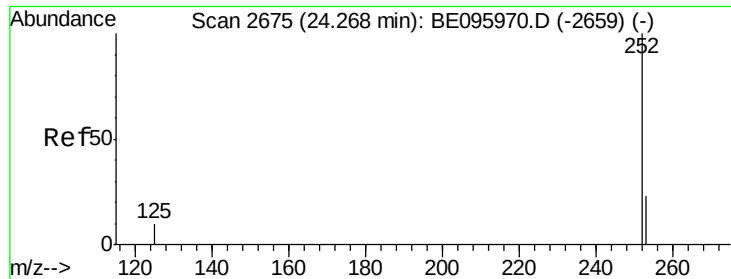
253 22.9 16.0 24.0

125 11.9 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: 0.373 ng

RT: 24.27 min Scan# 2674

Delta R.T. -0.00 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

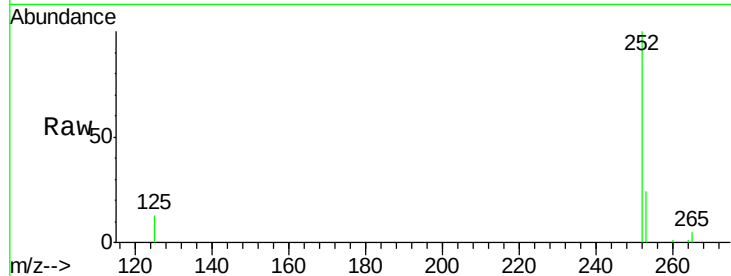
Tgt Ion:252 Resp: 7920

Ion Ratio Lower Upper

252 100

253 23.9 16.0 24.0

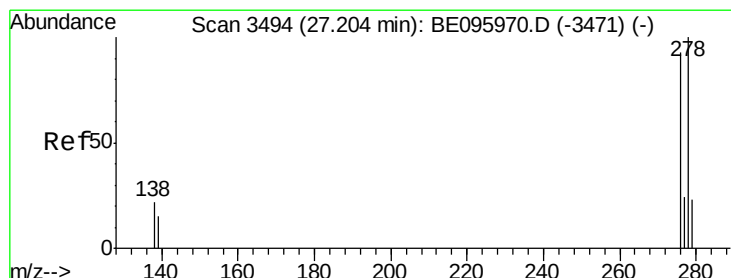
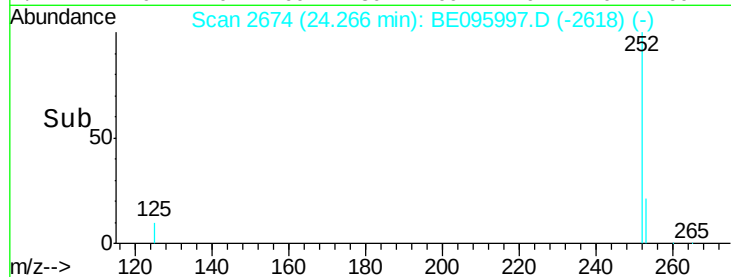
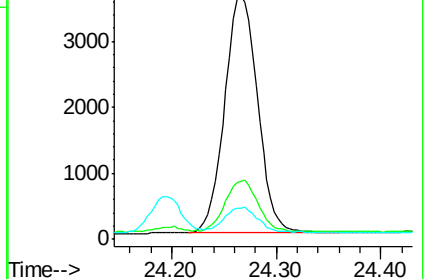
125 12.8 12.0 18.0



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: 0.384 ng

RT: 27.19 min Scan# 3491

Delta R.T. 0.00 min

Lab File: BE095997.D

Acq: 13 Apr 2018 15:39

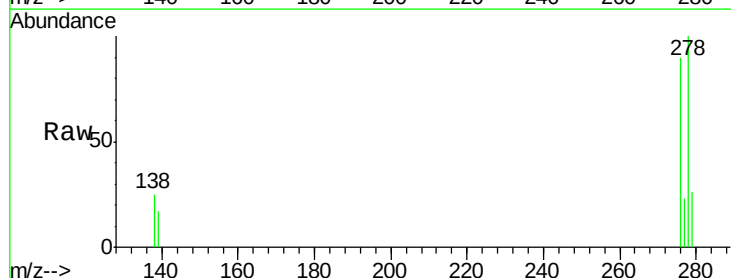
Tgt Ion:278 Resp: 7178

Ion Ratio Lower Upper

278 100

139 17.0 16.0 24.0

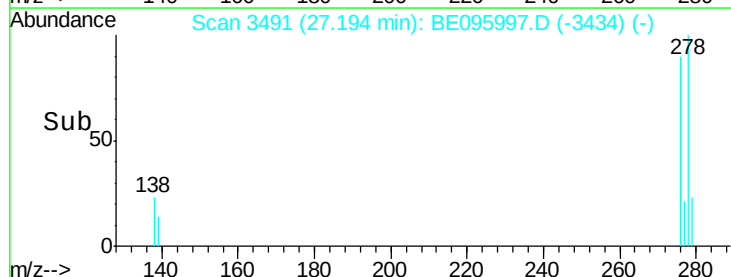
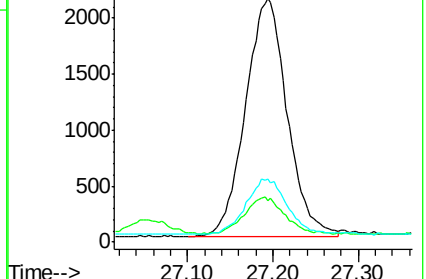
279 25.7 20.0 30.0

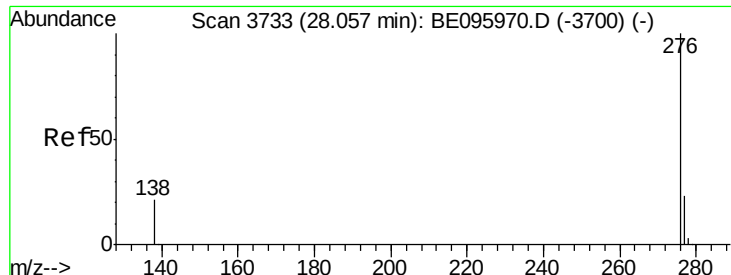


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.379 ng

RT: 28.05 min Scan# 3730

Delta R.T. 0.00 min

Lab File: BE095997.D

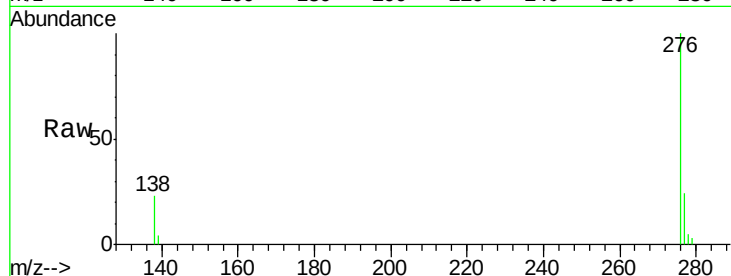
Acq: 13 Apr 2018 15:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



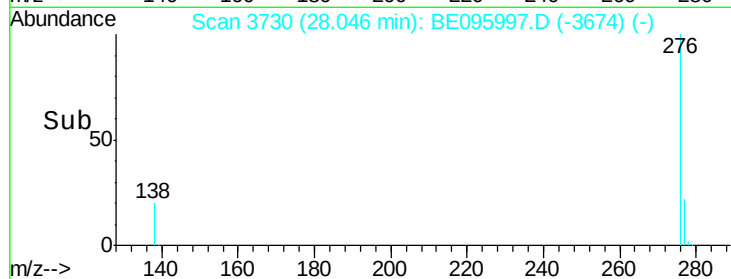
Tgt Ion: 276 Resp: 7491

Ion Ratio Lower Upper

276 100

277 24.1 16.0 24.0#

138 22.6 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

