

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041118\
 Data File : BE095972.D
 Acq On : 11 Apr 2018 15:58
 Operator : SJ/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Quant Time: Apr 11 16:34:31 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 11 15:27:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1242	0.40	ng	0.00
7) Naphthalene-d8	11.22	136	4680	0.40	ng	0.00
13) Acenaphthene-d10	14.97	164	2585	0.40	ng	0.00
19) Phenanthrene-d10	17.68	188	6069	0.40	ng	0.00
27) Chrysene-d12	21.78	240	7161	0.40	ng	0.00
34) Perylene-d12	24.39	264	6799	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.89	112	6252	1.53	ng	0.00
5) Phenol-d6	7.53	99	8634	1.53	ng	0.00
8) Nitrobenzene-d5	9.57	82	9078	1.64	ng	0.00
11) 2-Methylnaphthalene-d10	12.76	152	12065	1.54	ng	0.00
14) 2,4,6-Tribromophenol	16.44	330	2148	1.44	ng	0.00
15) 2-Fluorobiphenyl	13.61	172	17819	1.64	ng	0.00
25) Fluoranthene-d10	19.66	212	136971	1.52	ng	0.00
29) Terphenyl-d14	20.22	244	25658	1.69	ng	0.00

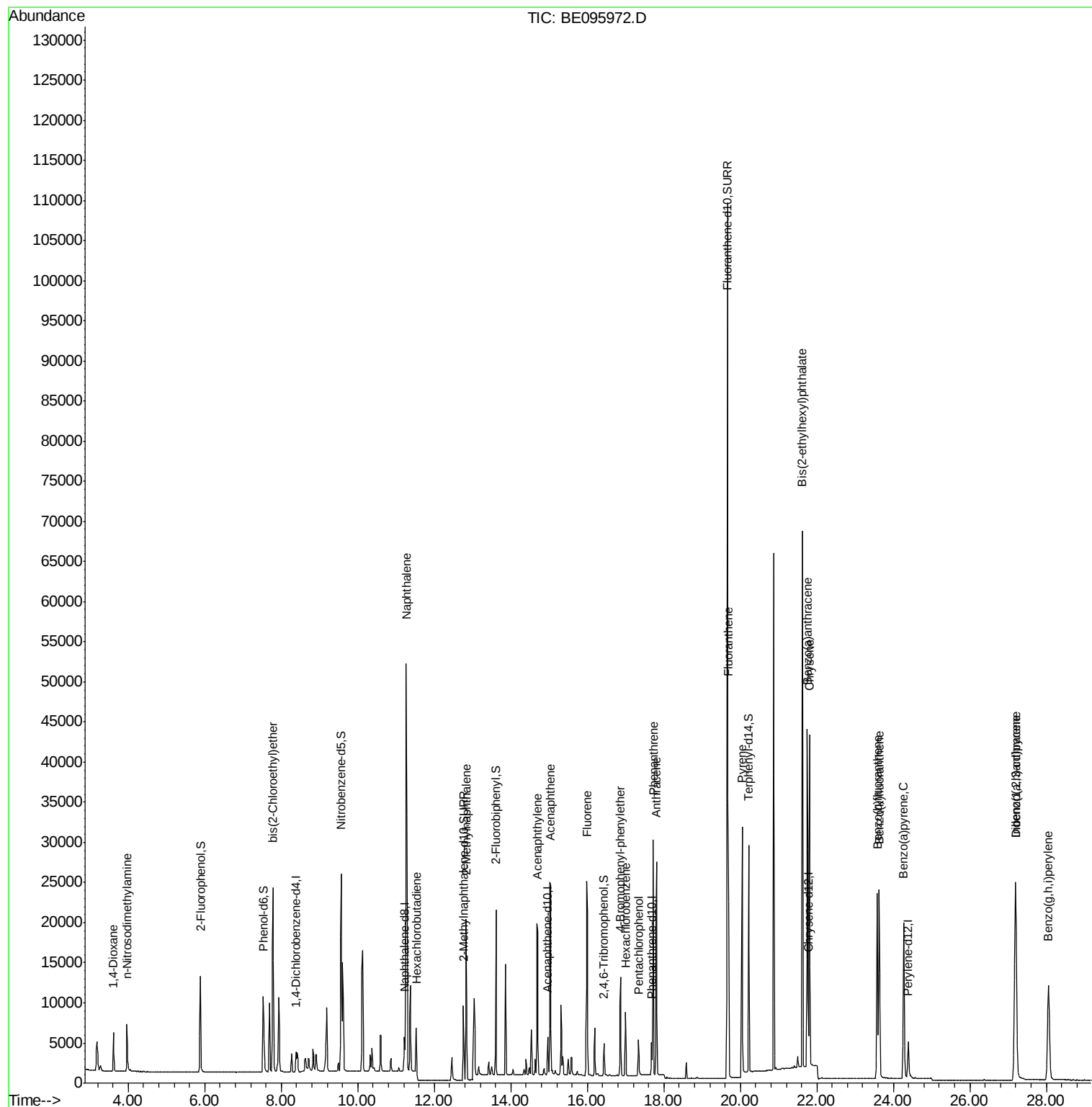
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.62	88	3058	1.504	ng	# 88
3) n-Nitrosodimethylamine	3.97	42	4083	1.368	ng	# 84
6) bis(2-Chloroethyl)ether	7.78	93	7593	1.563	ng	95
9) Naphthalene	11.27	128	80195	1.500	ng	99
10) Hexachlorobutadiene	11.53	225	3079	0.839	ng	94
12) 2-Methylnaphthalene	12.84	142	13477	1.476	ng	97
16) Acenaphthylene	14.69	152	22815	1.543	ng	99
17) Acenaphthene	15.04	154	13875	1.539	ng	98
18) Fluorene	15.99	166	16819	1.418	ng	# 78
20) 4-Bromophenyl-phenylether	16.87	248	5941	1.628	ng	# 85
21) Hexachlorobenzene	17.00	284	5847	1.605	ng	# 80
22) Pentachlorophenol	17.33	266	2331	2.213	ng	# 72
23) Phenanthrene	17.72	178	28064	1.545	ng	99
24) Anthracene	17.81	178	27543	1.516	ng	95
26) Fluoranthene	19.69	202	37651	1.492	ng	97
28) Pyrene	20.05	202	20043	0.687	ng	97
30) Benzo(a)anthracene	21.75	228	37410	1.506	ng	98
31) Chrysene	21.81	228	35141	1.551	ng	99
32) Bis(2-ethylhexyl)phthalate	21.62	149	95955	1.263	ng	100
33) Indeno(1,2,3-cd)pyrene	27.19	276	35261	1.444	ng	95
35) Benzo(b)fluoranthene	23.58	252	33272	1.479	ng	# 87
36) Benzo(k)fluoranthene	23.63	252	33832	1.504	ng	97
37) Benzo(a)pyrene	24.27	252	31861	1.511	ng	# 94
38) Dibenzo(a,h)anthracene	27.20	278	28737	1.435	ng	# 95
39) Benzo(g,h,i)perylene	28.05	276	29504	1.466	ng	92

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

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QLast Update : Wed Apr 11 15:27:06 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.39 min Scan# 565

Delta R.T. 0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

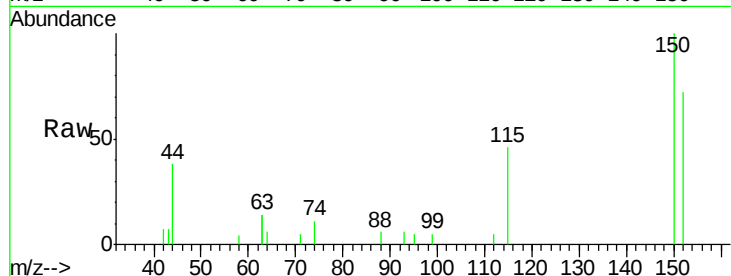
Tot Ion:152 Resp: 1242

Ion Ratio Lower Upper

152 100

150 139.0 117.2 175.8

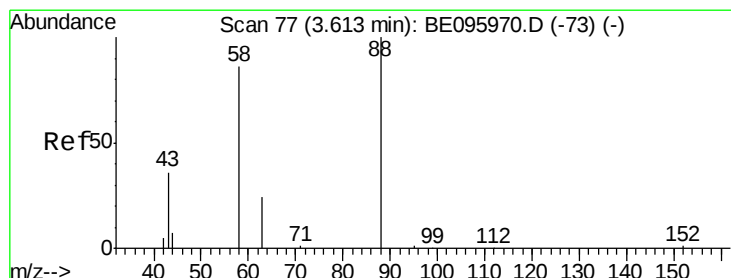
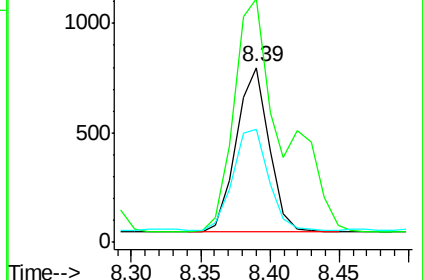
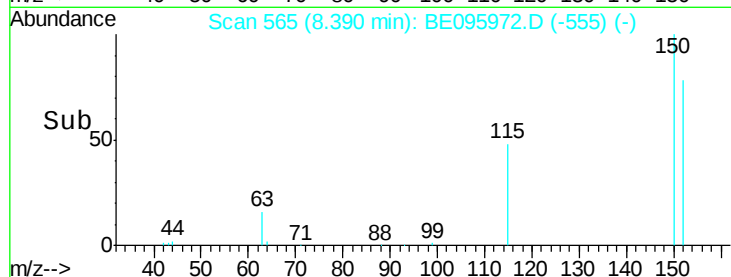
115 64.4 57.0 85.6



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: 1.504 ng

RT: 3.62 min Scan# 77

Delta R.T. 0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

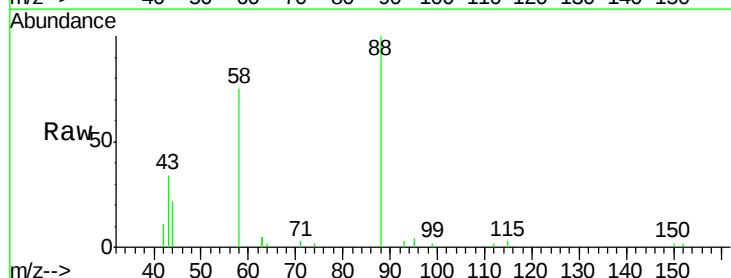
Tgt Ion: 88 Resp: 3058

Ion Ratio Lower Upper

88 100

58 85.4 63.2 94.8

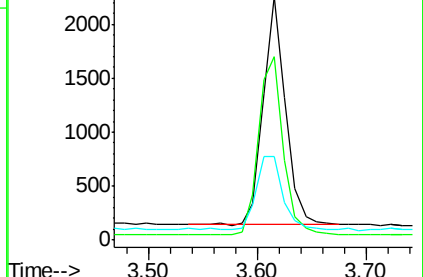
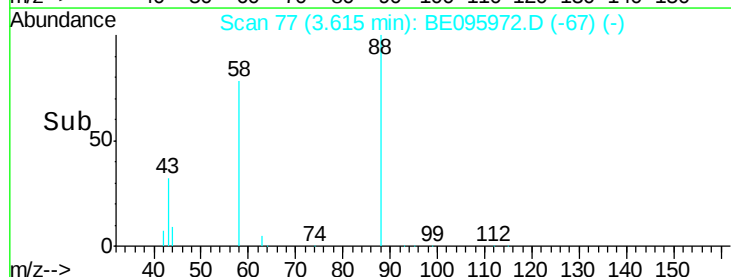
43 38.8 41.2 61.8#



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



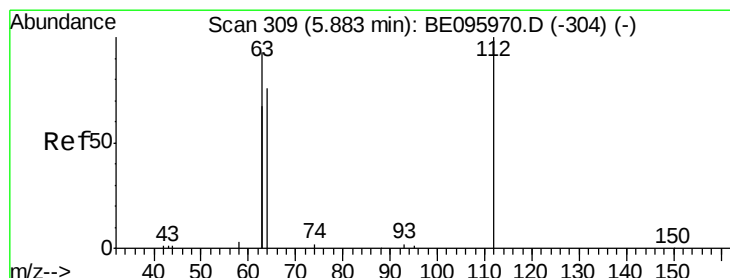
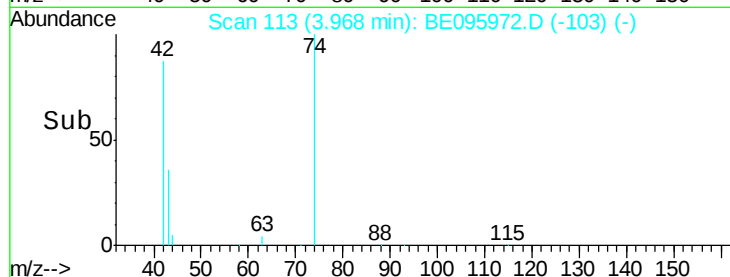
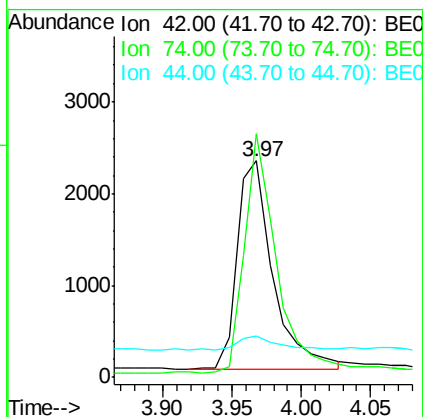
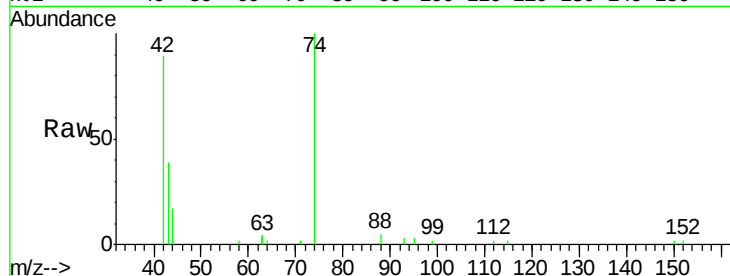


#3

n-Nitrosodimethylamine
 Concen: 1.368 ng
 RT: 3.97 min Scan# 113
 Delta R.T. 0.00 min
 Lab File: BE095972.D
 Acq: 11 Apr 2018 15:58

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

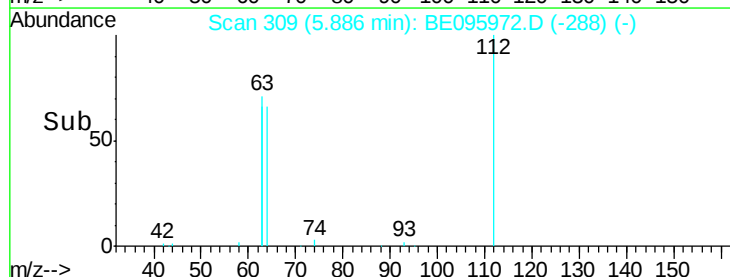
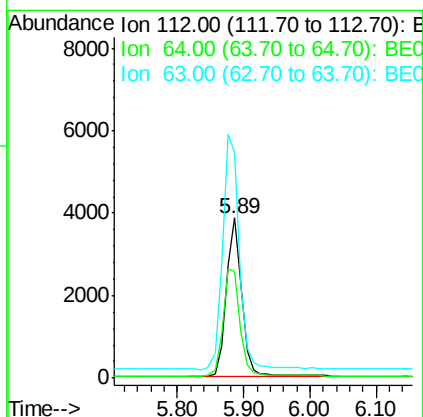
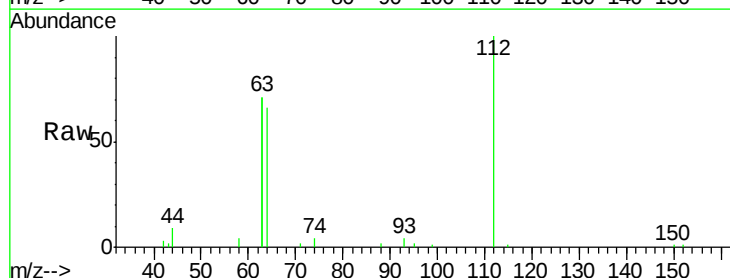
Tot Ion: 42 Resp: 4083
 Ion Ratio Lower Upper
 42 100
 74 101.7 96.0 144.0
 44 8.7 12.0 18.0#

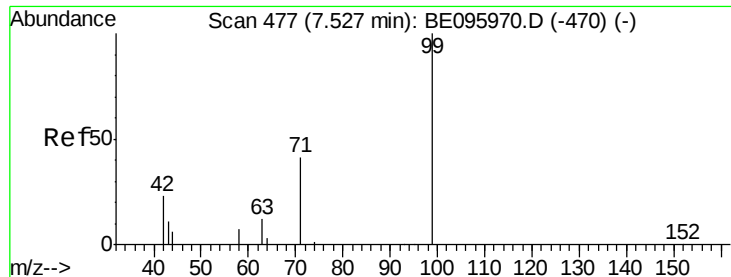


#4

2-Fluorophenol
 Concen: 1.527 ng
 RT: 5.89 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: BE095972.D
 Acq: 11 Apr 2018 15:58

Tgt Ion: 112 Resp: 6252
 Ion Ratio Lower Upper
 112 100
 64 74.9 60.1 90.1
 63 161.1 116.8 175.2





#5

Phenol-d6

Concen: 1.534 ng

RT: 7.53 min Scan# 477

Delta R.T. 0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

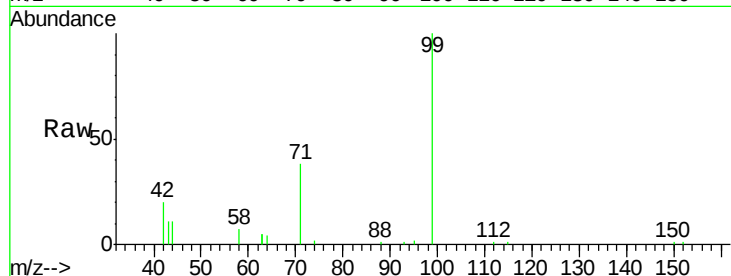
Tot Ion: 99 Resp: 8634

Ion Ratio Lower Upper

99 100

42 26.2 20.2 30.2

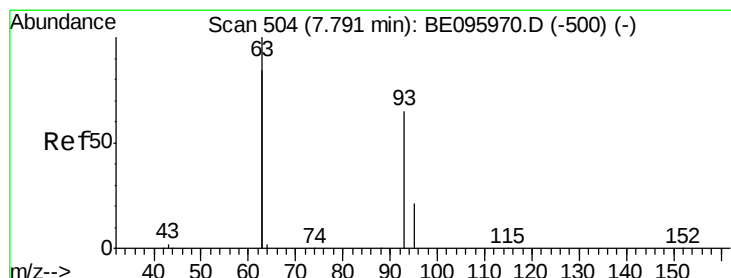
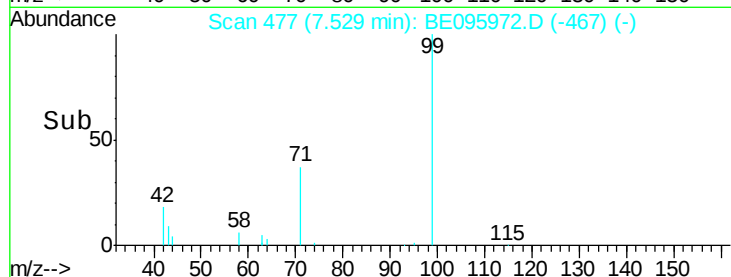
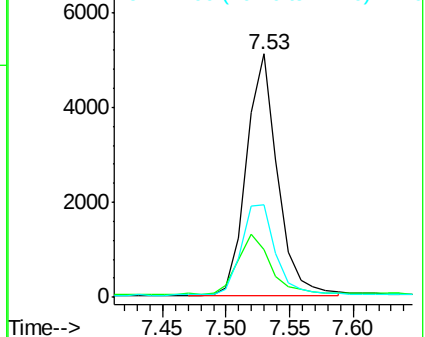
71 41.7 28.4 42.6



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: 1.563 ng

RT: 7.78 min Scan# 503

Delta R.T. -0.01 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

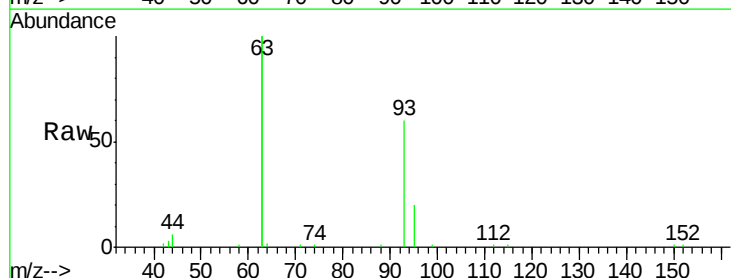
Tgt Ion: 93 Resp: 7593

Ion Ratio Lower Upper

93 100

63 331.6 275.3 412.9

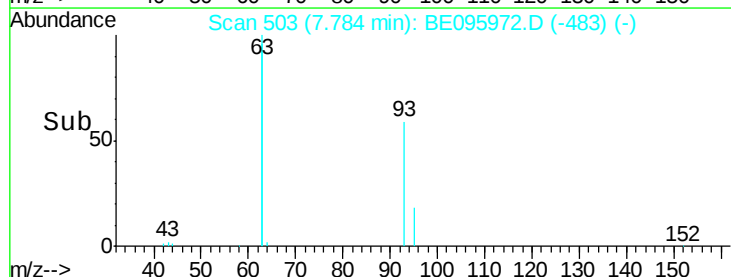
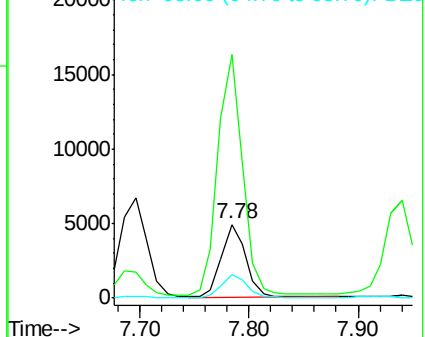
95 31.9 25.2 37.8

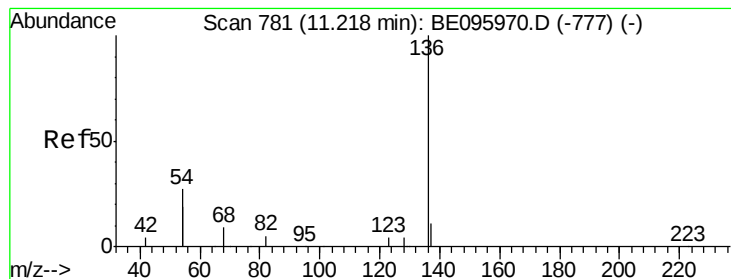


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE095972.D

Acq: 11 Apr 2018 15:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 4680

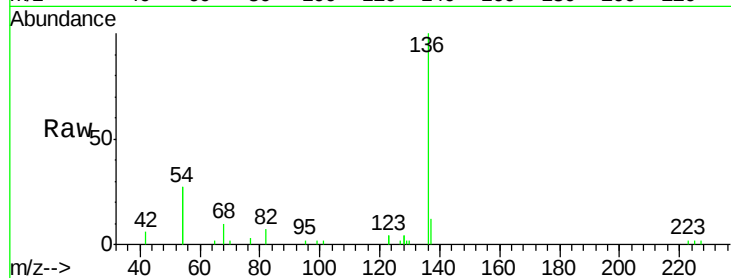
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 54.4 29.1 43.7#

68 10.1 6.2 9.2#

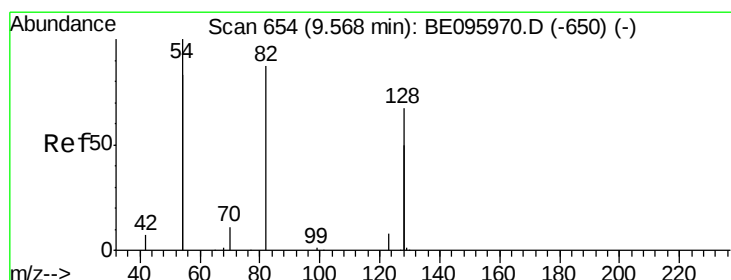
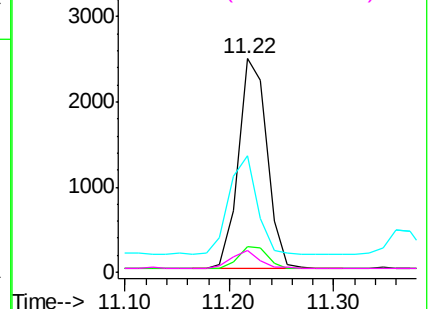
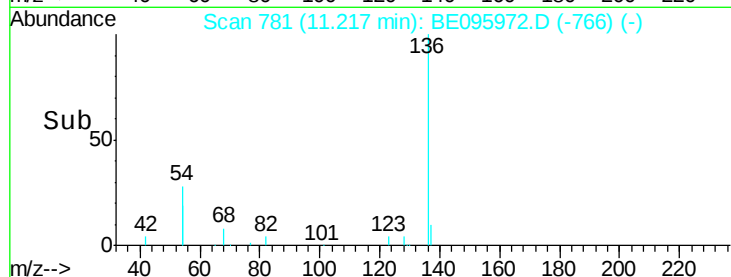


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.642 ng

RT: 9.57 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

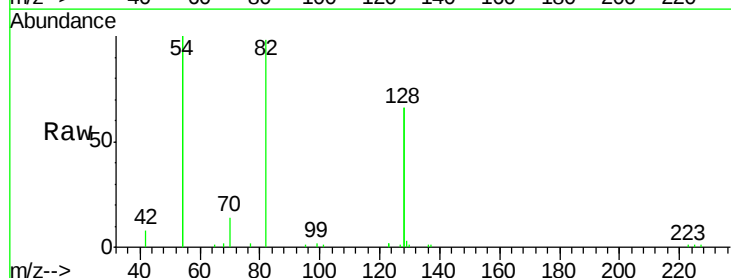
Tgt Ion: 82 Resp: 9078

Ion Ratio Lower Upper

82 100

128 133.4 150.0 225.0#

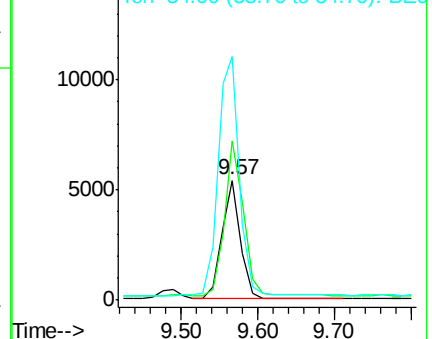
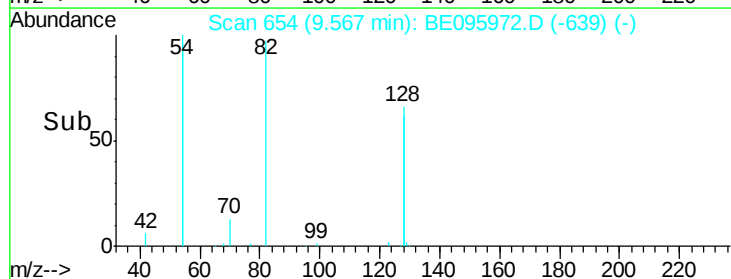
54 203.6 154.2 231.4



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: 1.500 ng

RT: 11.27 min Scan# 785

Delta R.T. -0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

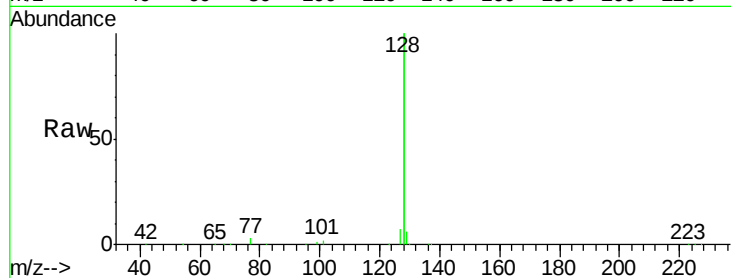
Tot Ion:128 Resp: 80195

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

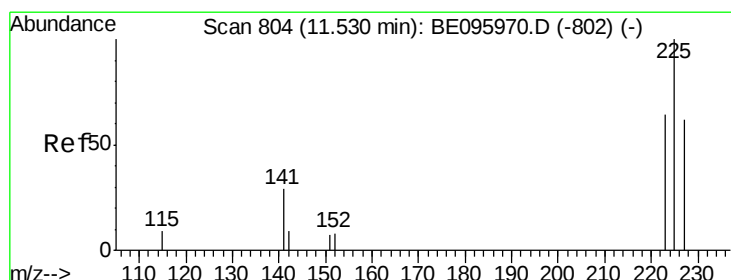
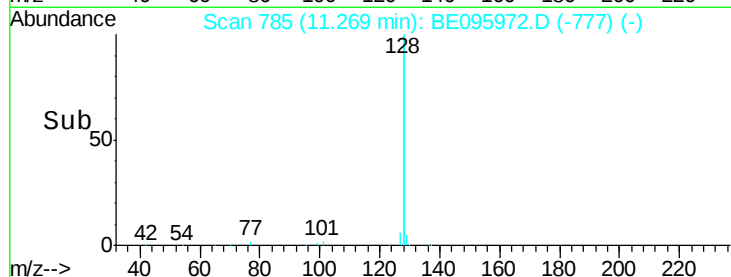
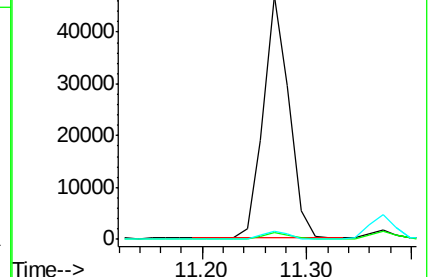
127 3.3 2.8 4.2



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: 0.839 ng

RT: 11.53 min Scan# 804

Delta R.T. 0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

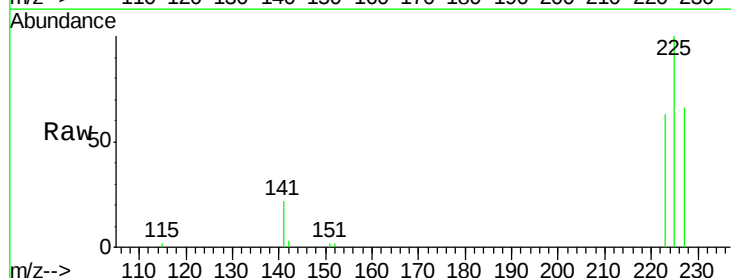
Tgt Ion:225 Resp: 3079

Ion Ratio Lower Upper

225 100

223 65.5 53.0 79.6

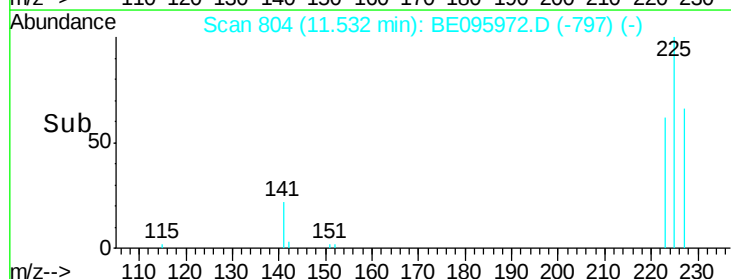
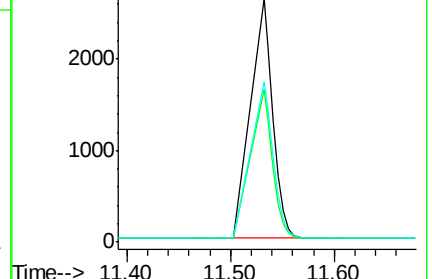
227 73.8 51.4 77.2

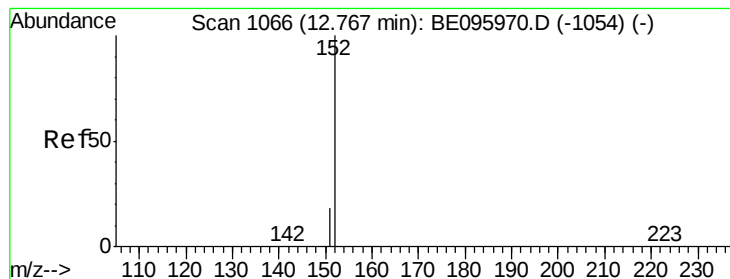


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.545 ng

RT: 12.76 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

Instrument :

BNA_E

ClientSampleId :

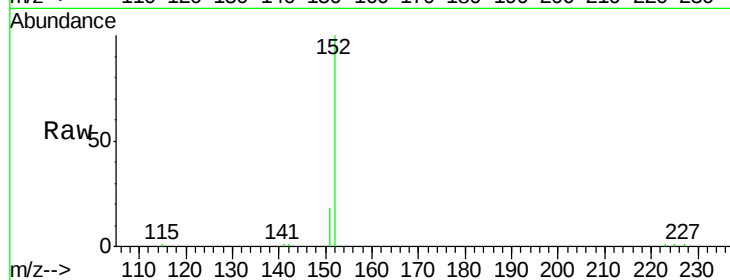
SSTDICC1.6

Tot Ion:152 Resp: 12065

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

8000

6000

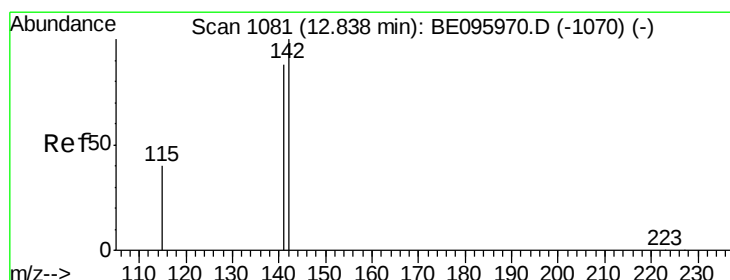
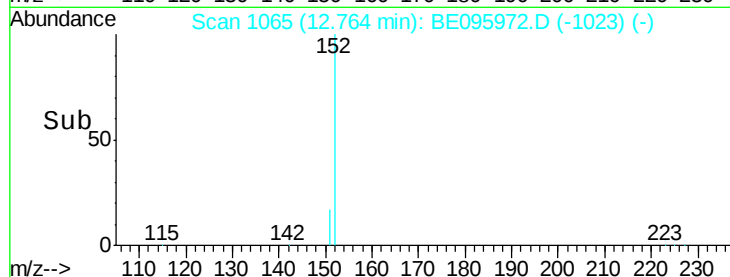
4000

2000

0

Time-->

12.70 12.75 12.80



#12

2-Methylnaphthalene

Concen: 1.476 ng

RT: 12.84 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

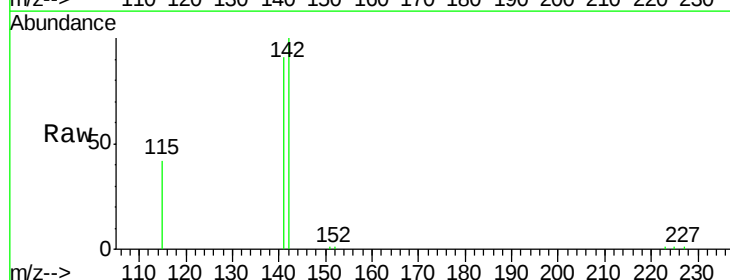
Tgt Ion:142 Resp: 13477

Ion Ratio Lower Upper

142 100

141 91.1 70.4 105.6

115 41.9 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

12000

10000

8000

6000

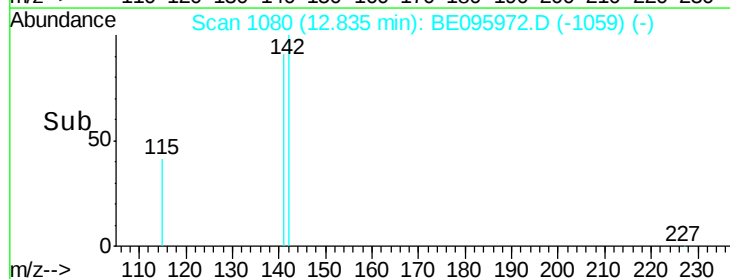
4000

2000

0

Time-->

12.80 12.84 12.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.97 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

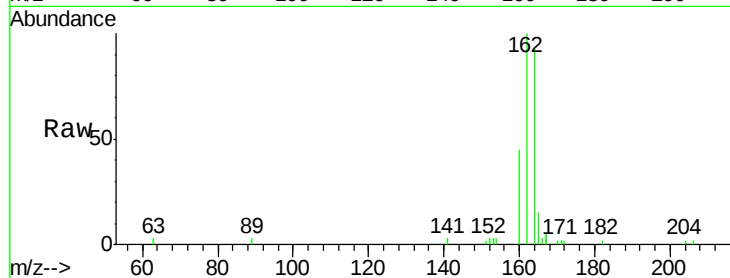
Tot Ion:164 Resp: 2585

Ion Ratio Lower Upper

164 100

162 107.9 83.1 124.7

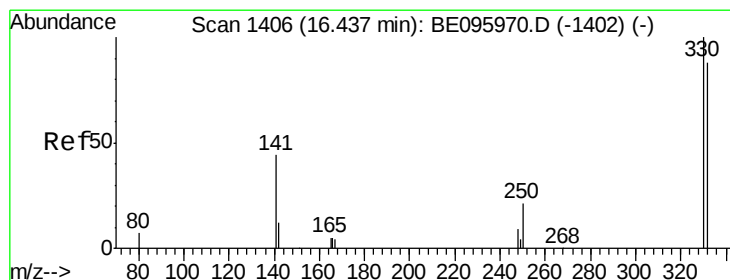
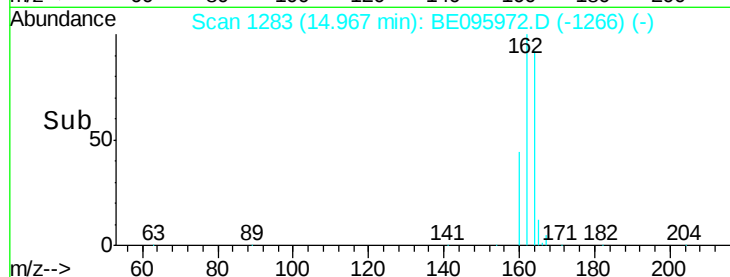
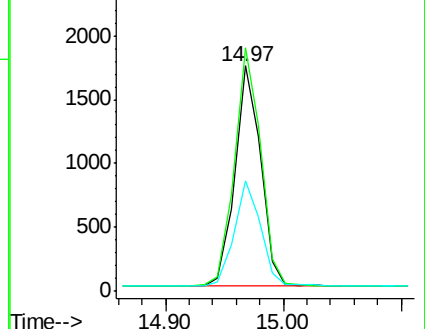
160 48.9 37.1 55.7



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: 1.440 ng

RT: 16.44 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

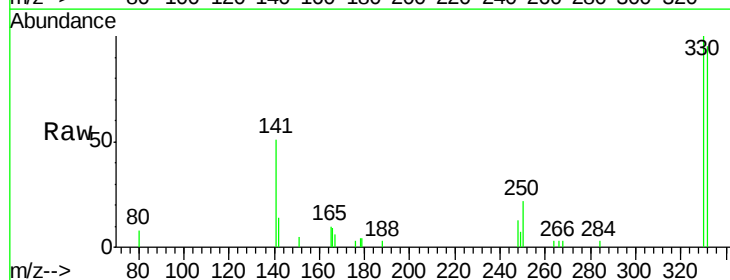
Tgt Ion:330 Resp: 2148

Ion Ratio Lower Upper

330 100

332 96.5 152.7 229.1#

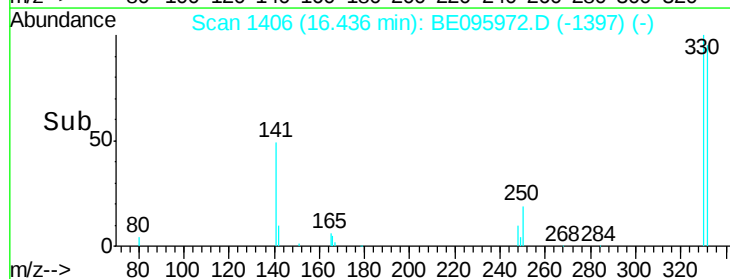
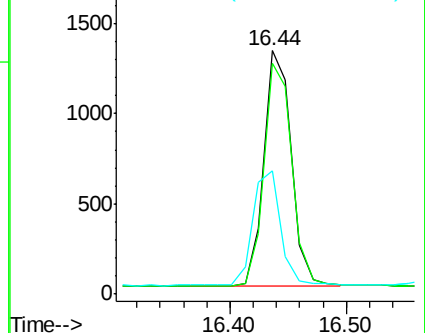
141 48.6 33.7 50.5

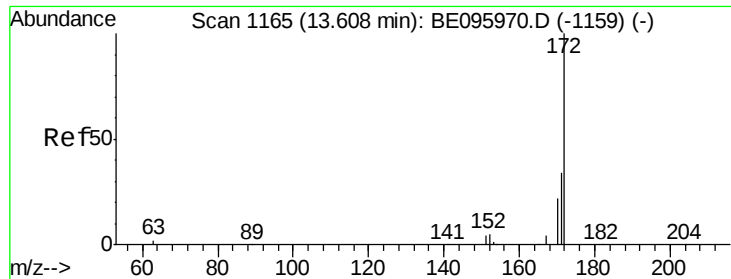


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

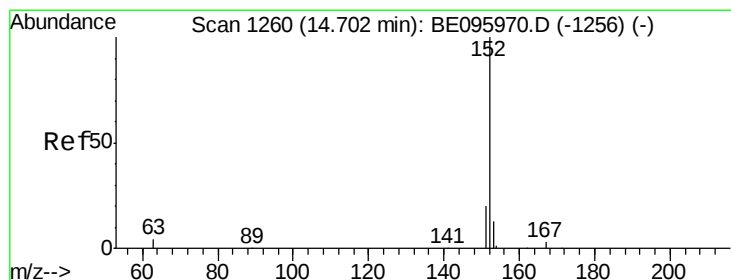
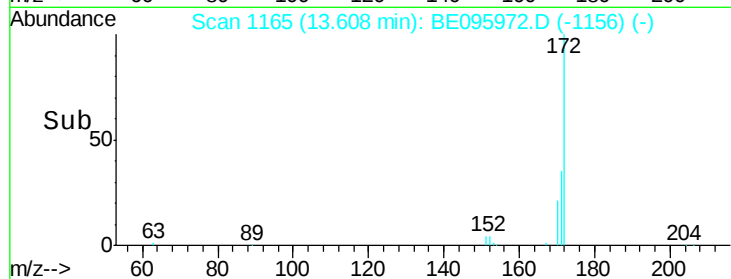
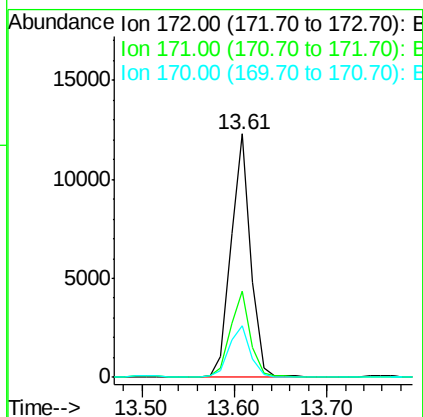
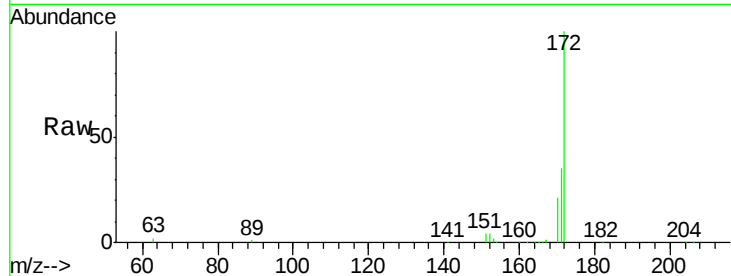




#15
2-Fluorobiphenyl
Concen: 1.636 ng
RT: 13.61 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BE095972.D
Acq: 11 Apr 2018 15:58

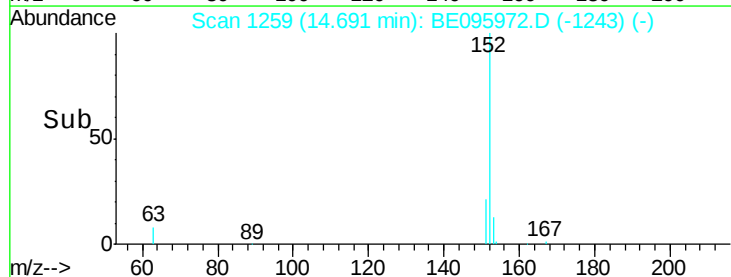
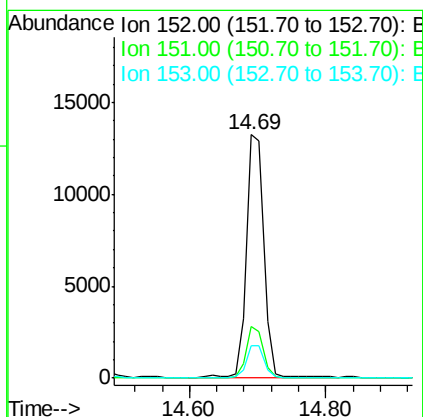
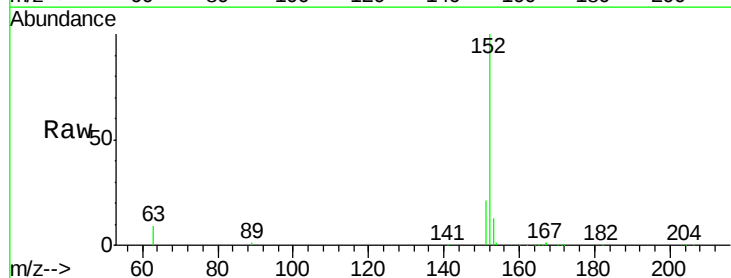
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

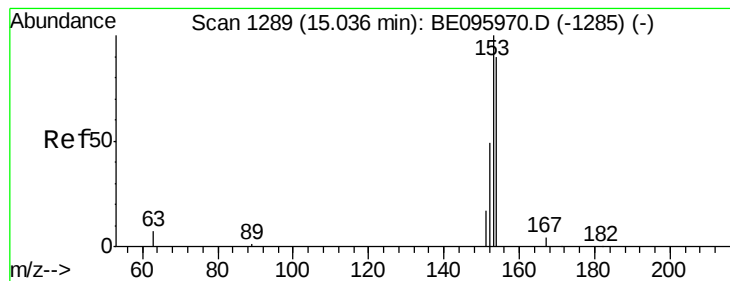
Tot Ion:172 Resp: 17819
Ion Ratio Lower Upper
172 100
171 35.3 29.9 44.9
170 21.4 21.8 32.8#



#16
Acenaphthylene
Concen: 1.543 ng
RT: 14.69 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BE095972.D
Acq: 11 Apr 2018 15:58

Tgt Ion:152 Resp: 22815
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 1.539 ng

RT: 15.04 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

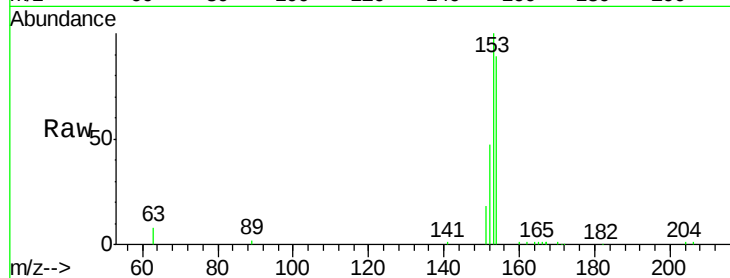
Tot Ion:154 Resp: 13875

Ion Ratio Lower Upper

154 100

153 112.8 89.2 133.8

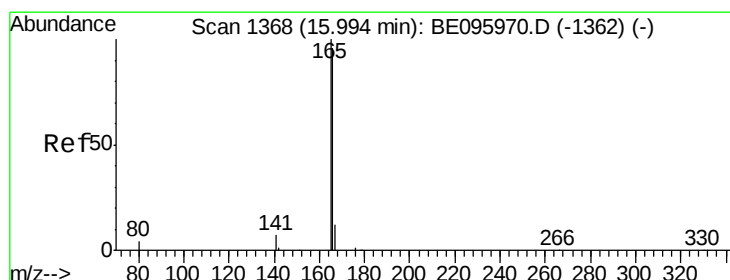
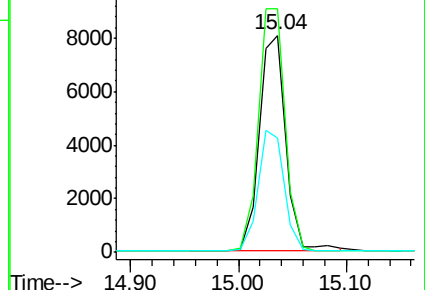
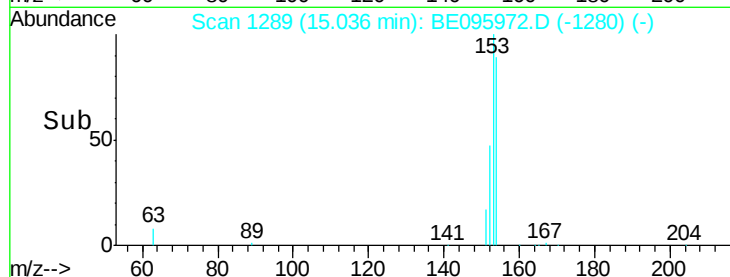
152 54.7 42.0 63.0



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: 1.418 ng

RT: 15.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

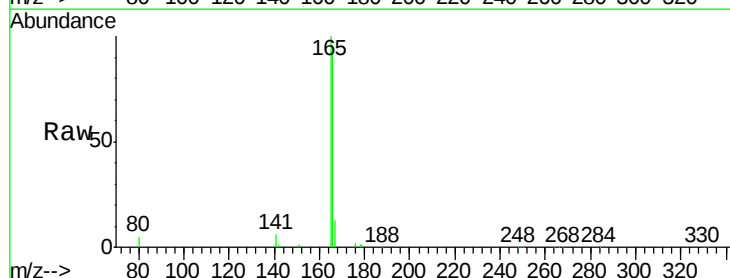
Tgt Ion:166 Resp: 16819

Ion Ratio Lower Upper

166 100

165 100.8 77.8 116.6

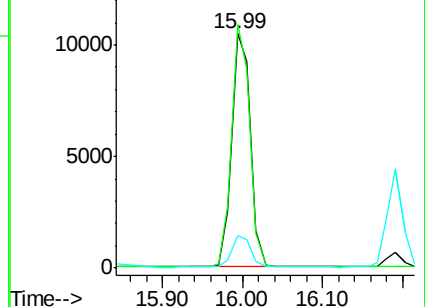
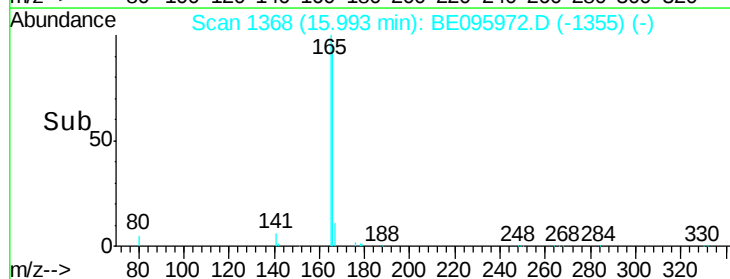
167 13.5 42.4 63.6#



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: 17.68 min Scan# 1513

Delta R.T. -0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

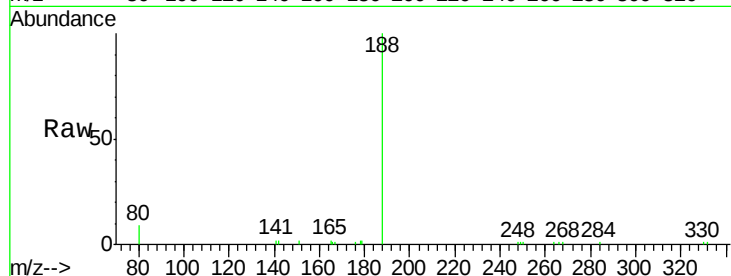
Tot Ion:188 Resp: 6069

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

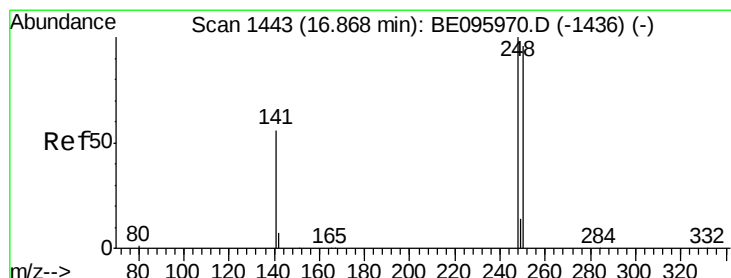
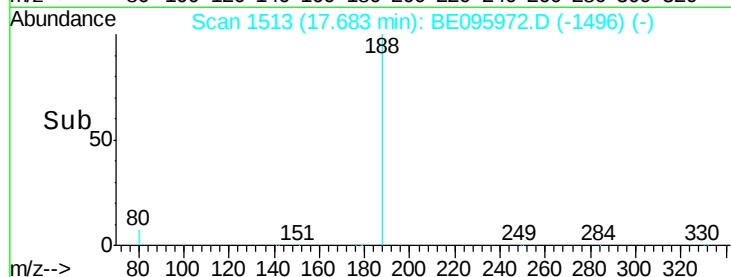
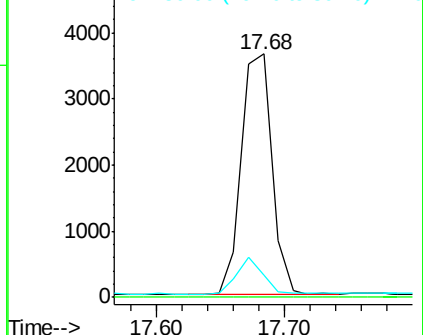
80 8.8 3.6 5.4#



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: 1.628 ng

RT: 16.87 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

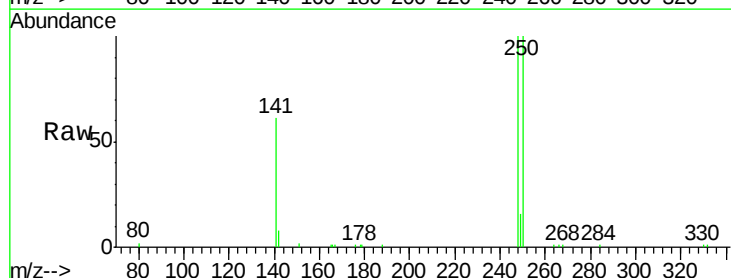
Tgt Ion:248 Resp: 5941

Ion Ratio Lower Upper

248 100

250 100.2 62.7 94.1#

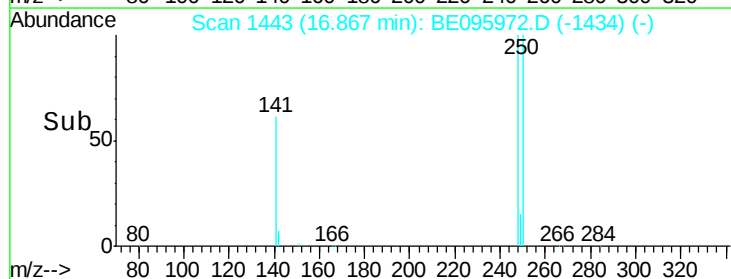
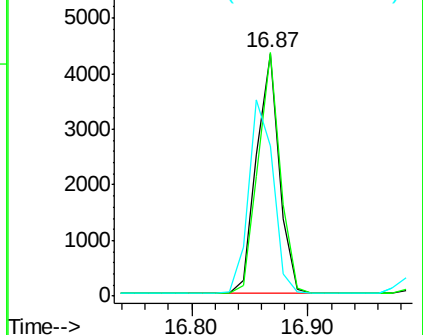
141 61.6 48.2 72.2



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: 1.605 ng

RT: 17.00 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

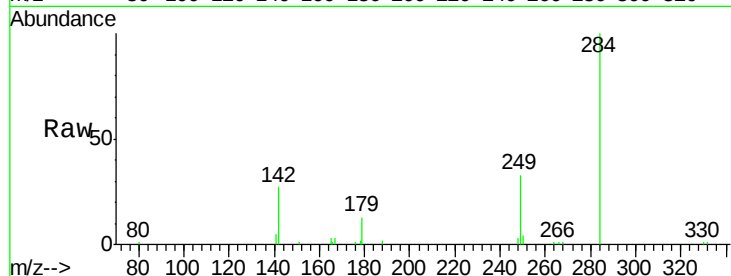
Tot Ion:284 Resp: 5847

Ion Ratio Lower Upper

284 100

142 43.4 22.1 33.1#

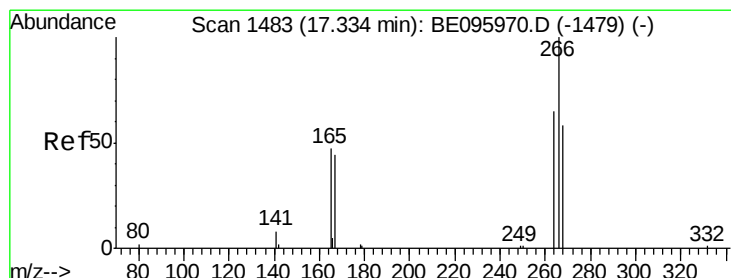
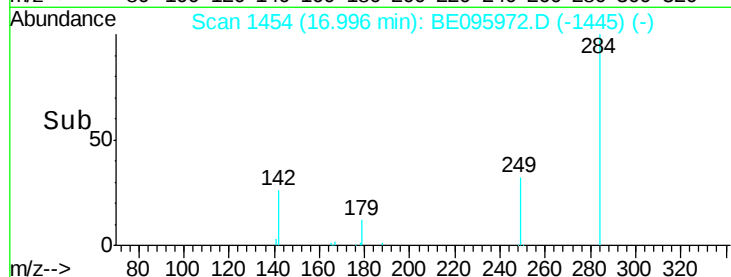
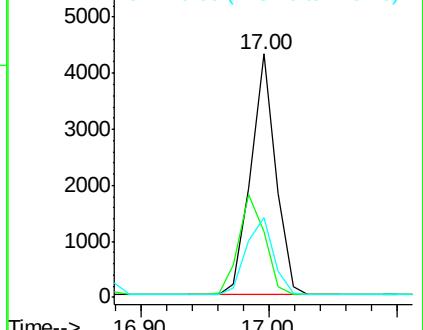
249 35.0 34.8 52.2



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: 2.213 ng

RT: 17.33 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

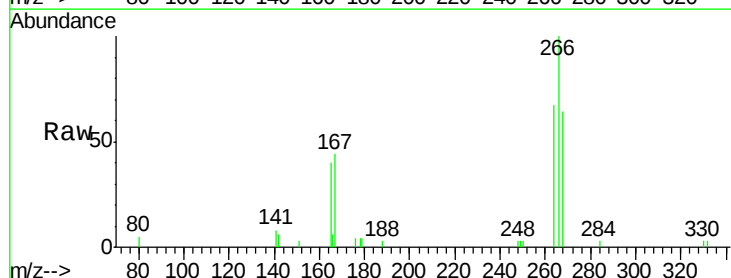
Tgt Ion:266 Resp: 2331

Ion Ratio Lower Upper

266 100

264 66.6 72.5 108.7#

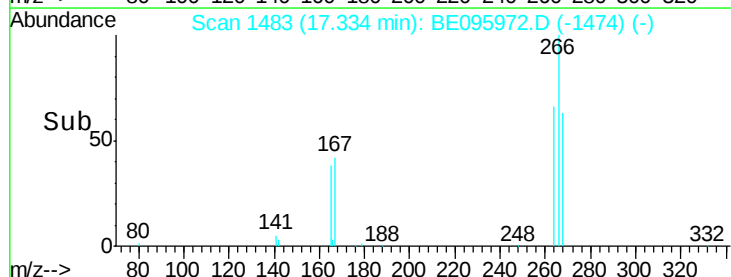
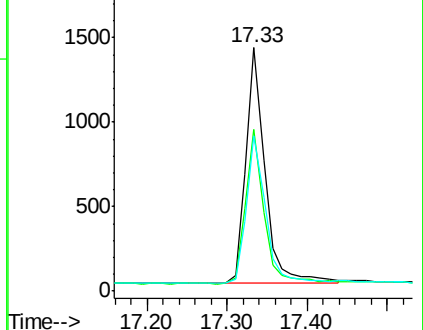
268 63.8 73.8 110.6#

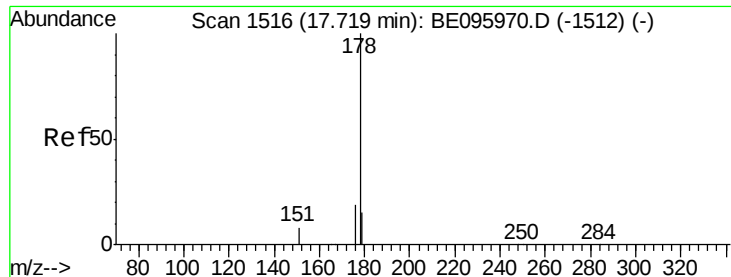


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.545 ng

RT: 17.72 min Scan# 1516

Delta R.T. -0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

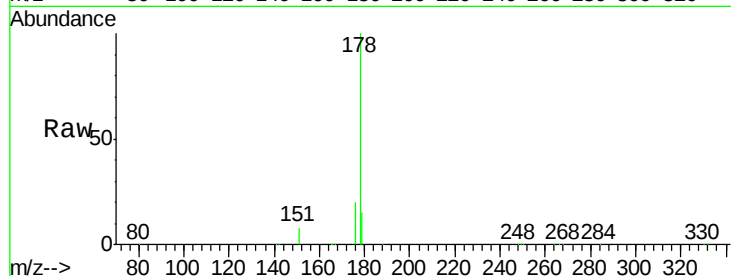
Tot Ion:178 Resp: 28064

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

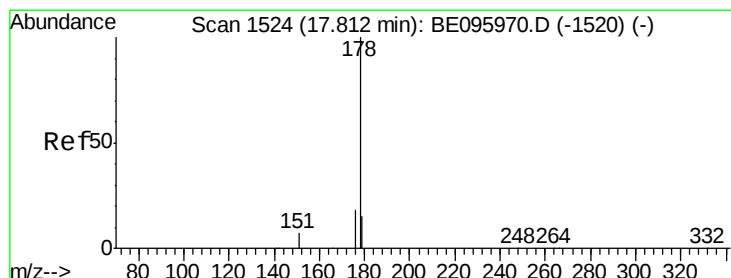
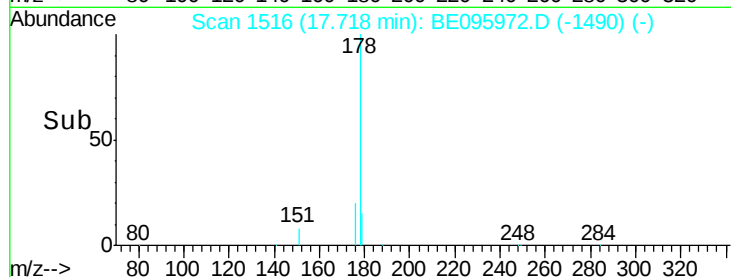
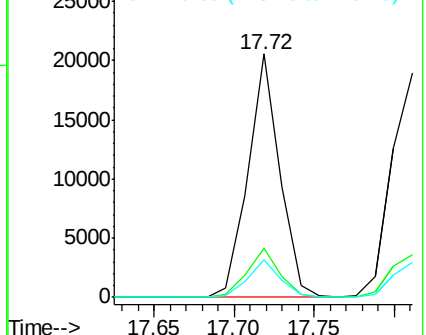
179 15.0 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 1.516 ng

RT: 17.81 min Scan# 1524

Delta R.T. -0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

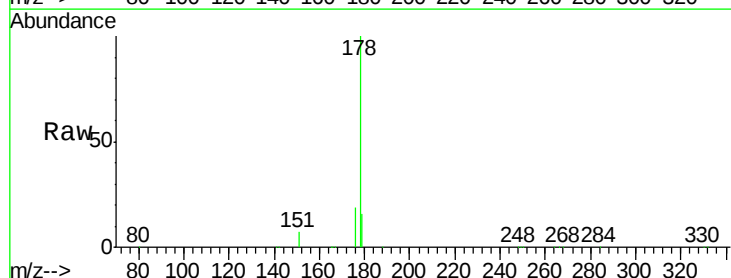
Tgt Ion:178 Resp: 27543

Ion Ratio Lower Upper

178 100

176 19.1 12.8 19.2

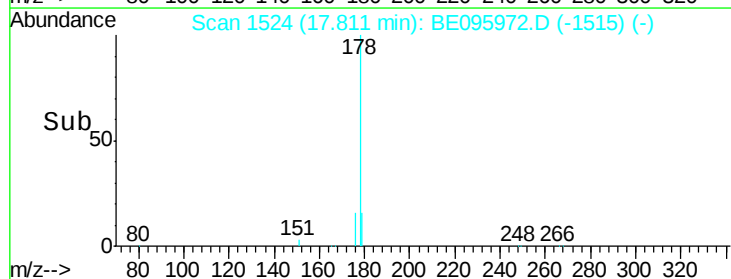
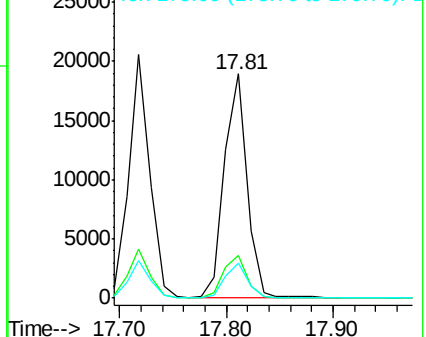
179 15.2 13.0 19.6

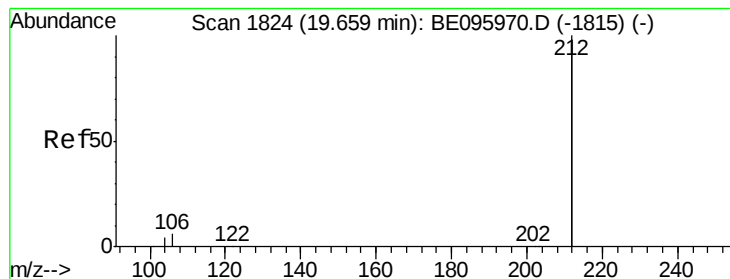


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.520 ng

RT: 19.66 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

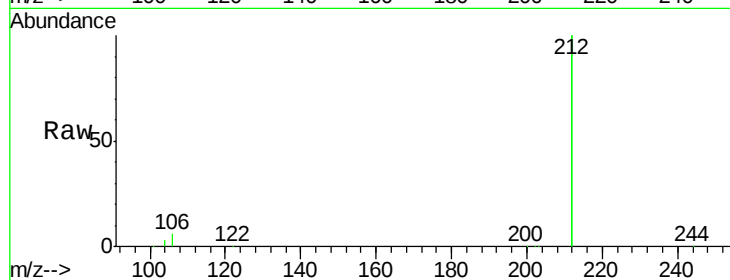
Tot Ion:212 Resp: 136971

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

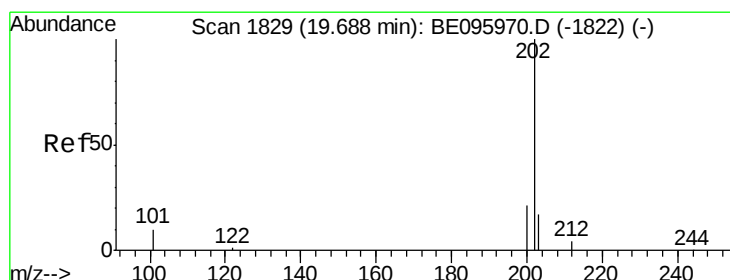
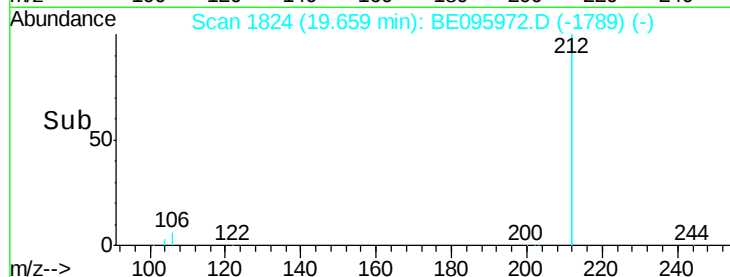
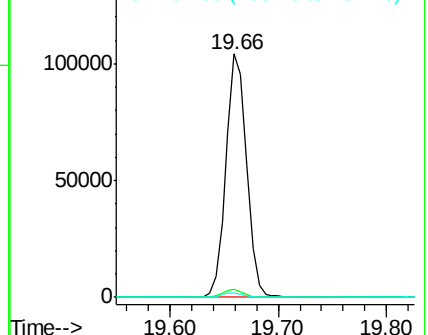
104 1.7 1.6 2.4



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: 1.492 ng

RT: 19.69 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

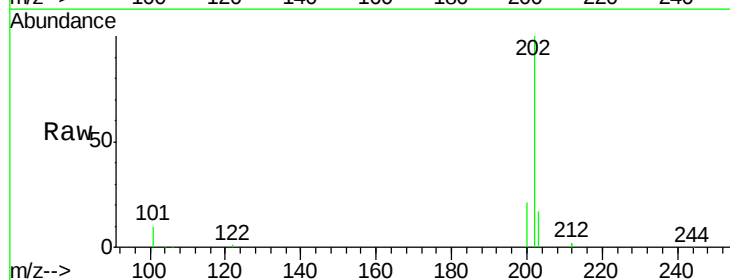
Tgt Ion:202 Resp: 37651

Ion Ratio Lower Upper

202 100

101 10.2 9.8 14.8

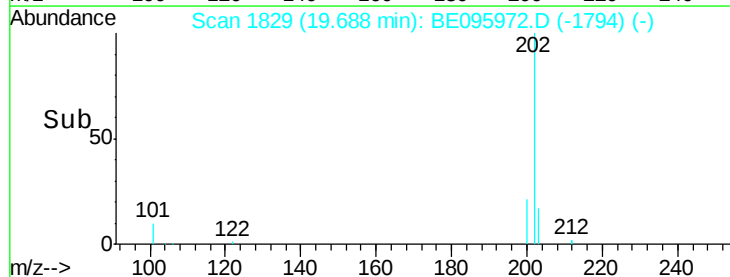
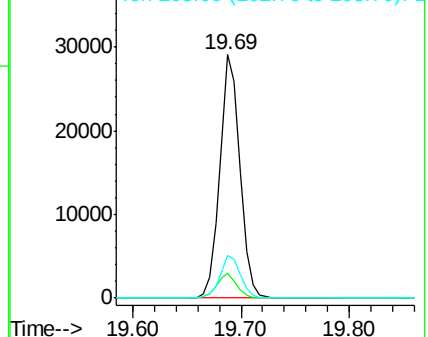
203 17.3 13.7 20.5



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

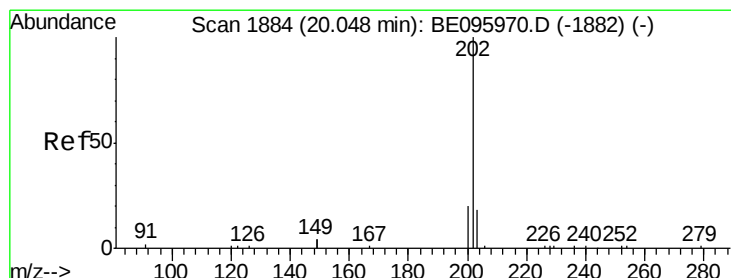
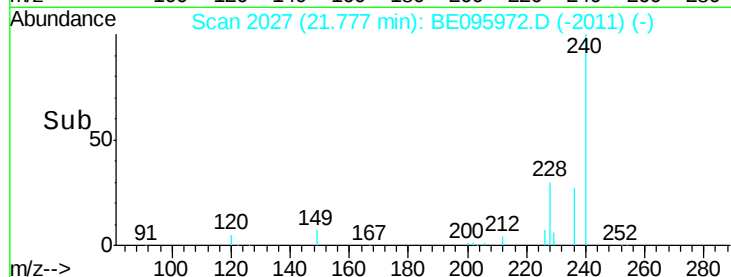
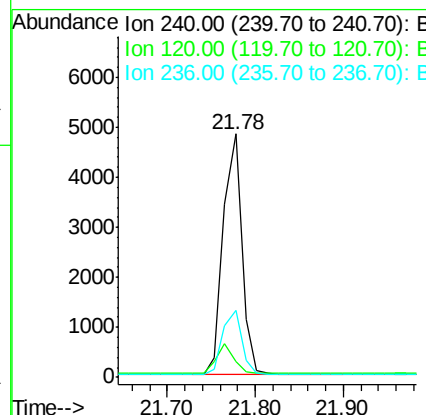
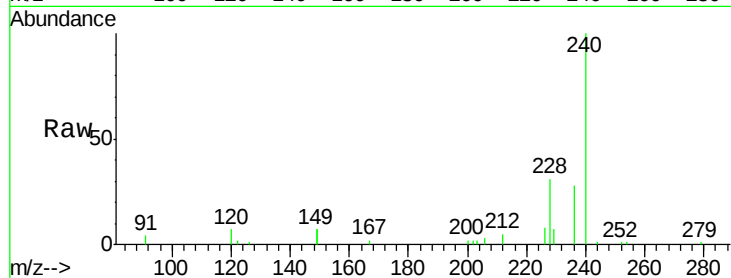




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.78 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE095972.D
Acq: 11 Apr 2018 15:58

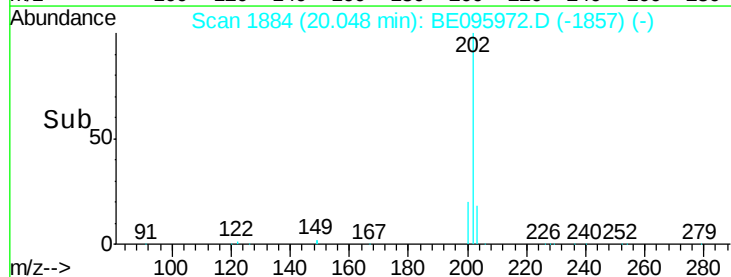
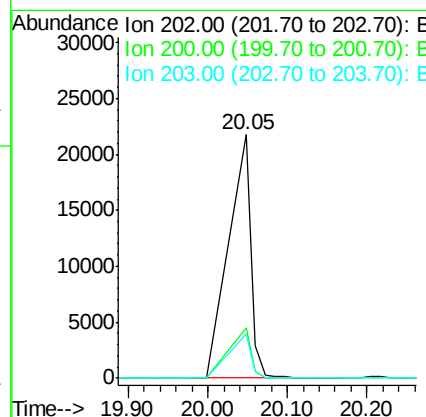
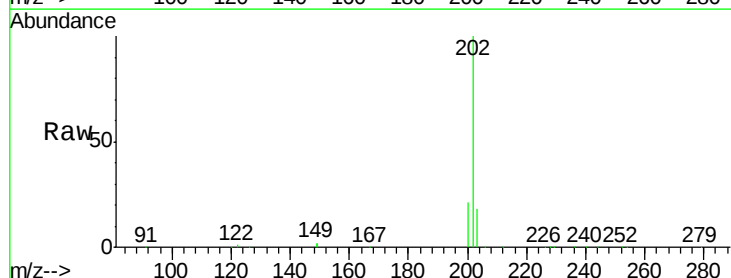
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion:240 Resp: 7161
Ion Ratio Lower Upper
240 100
120 6.6 5.5 8.3
236 27.7 20.7 31.1



#28
Pyrene
Concen: 0.687 ng
RT: 20.05 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BE095972.D
Acq: 11 Apr 2018 15:58

Tgt Ion:202 Resp: 20043
Ion Ratio Lower Upper
202 100
200 19.9 16.6 25.0
203 19.3 13.8 20.8





#29

Terphenyl-d14

Concen: 1.687 ng

RT: 20.22 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

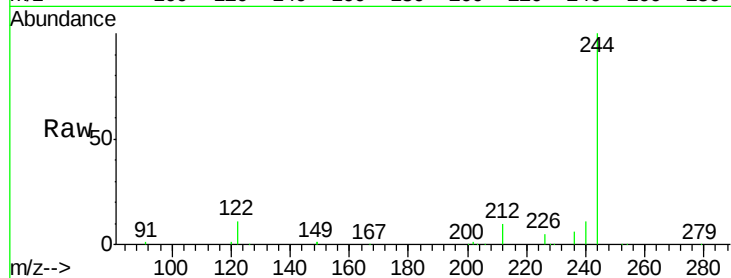
Tot Ion:244 Resp: 25658

Ion Ratio Lower Upper

244 100

212 10.2 25.4 38.0#

122 11.1 8.1 12.1



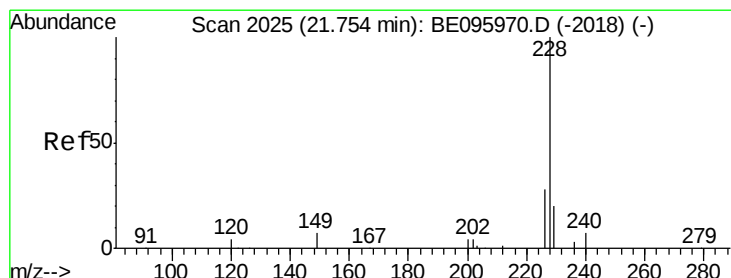
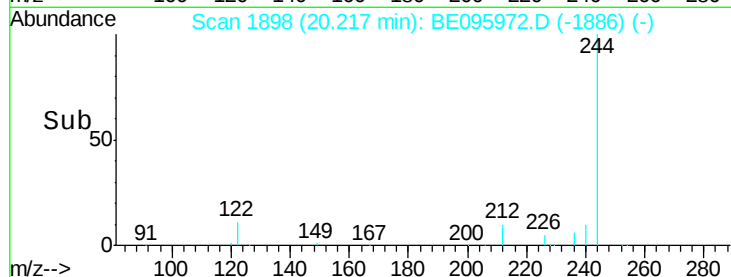
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.22

Time-->



#30

Benzo(a)anthracene

Concen: 1.506 ng

RT: 21.75 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

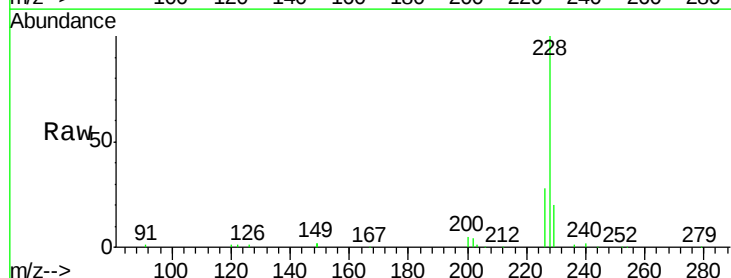
Tgt Ion:228 Resp: 37410

Ion Ratio Lower Upper

228 100

226 28.3 24.0 36.0

229 20.0 16.0 24.0



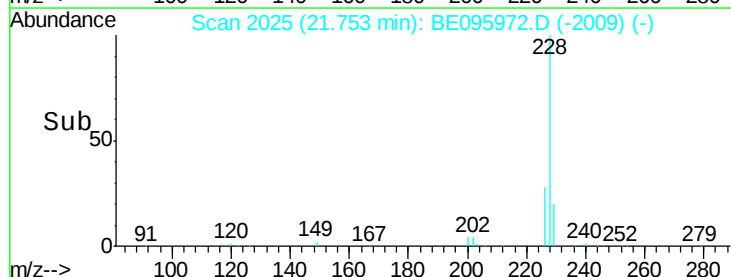
Abundance Ion 228.00 (227.70 to 228.70): E

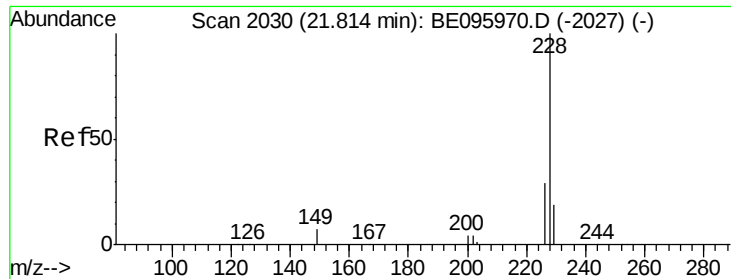
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.75

Time-->





#31

Chrysene

Concen: 1.551 ng

RT: 21.81 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

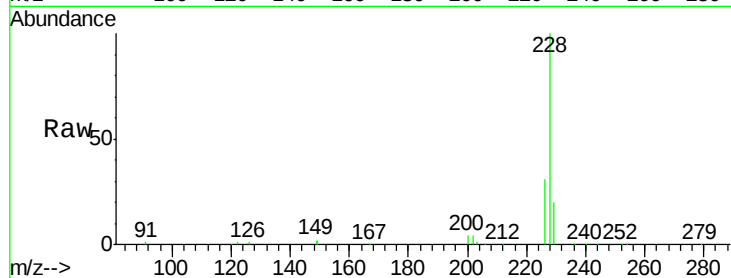
Tot Ion:228 Resp: 35141

Ion Ratio Lower Upper

228 100

226 30.6 24.0 36.0

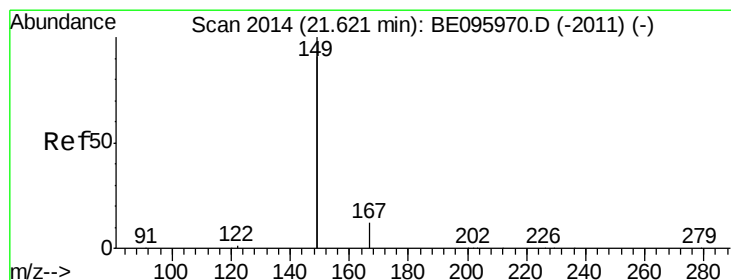
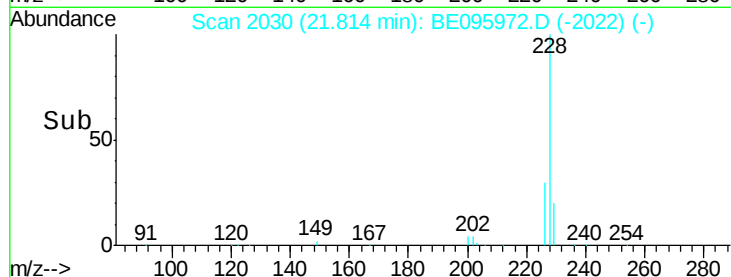
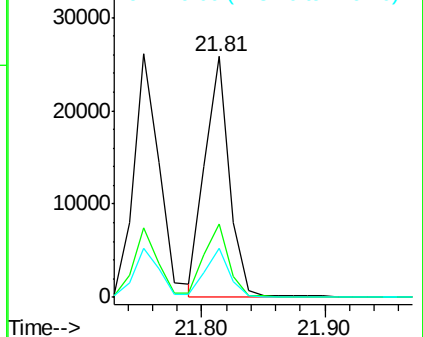
229 20.2 16.0 24.0



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: 1.263 ng

RT: 21.62 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

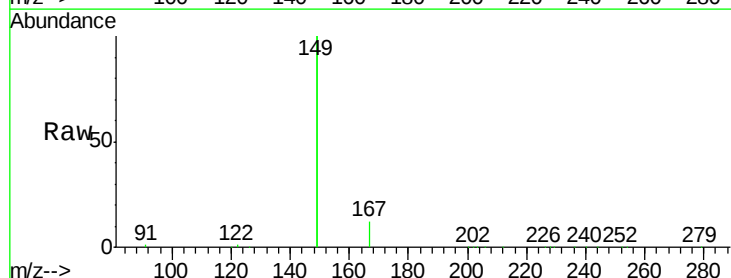
Tgt Ion:149 Resp: 95955

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

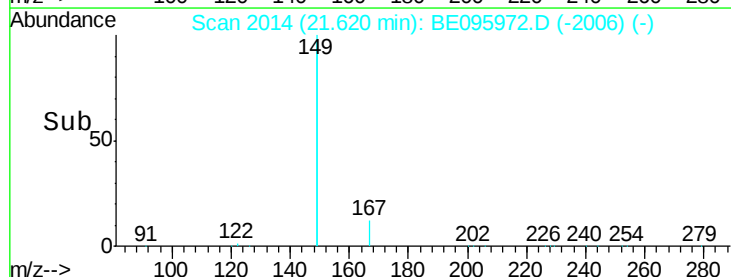
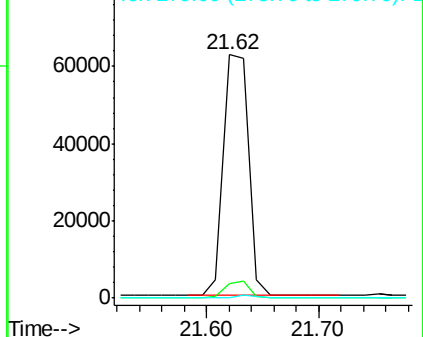
279 0.8 0.7 1.1



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: 1.444 ng

RT: 27.19 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

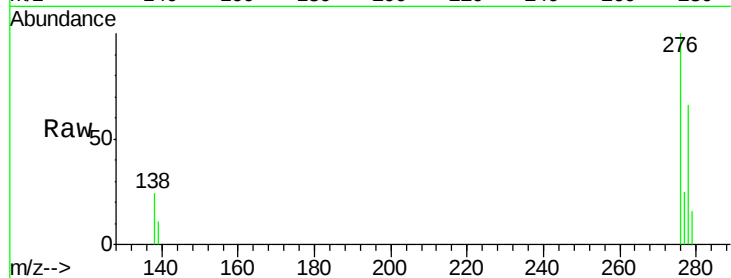
Tot Ion:276 Resp: 35261

Ion Ratio Lower Upper

276 100

138 23.2 22.5 33.7

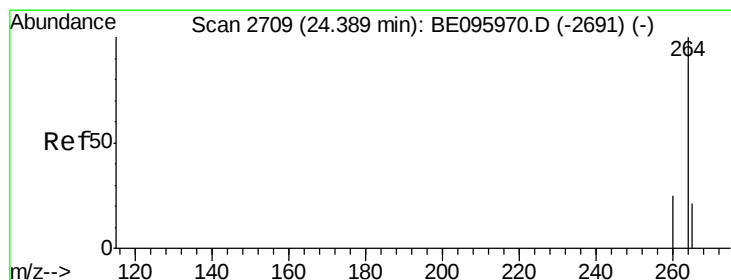
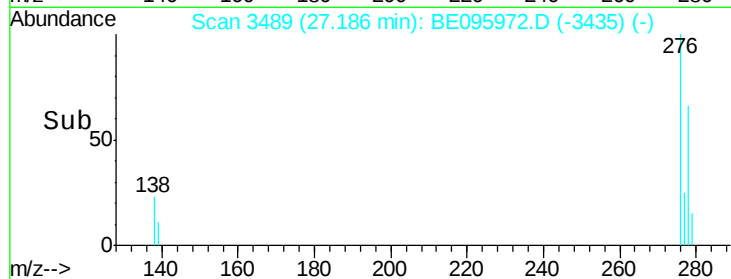
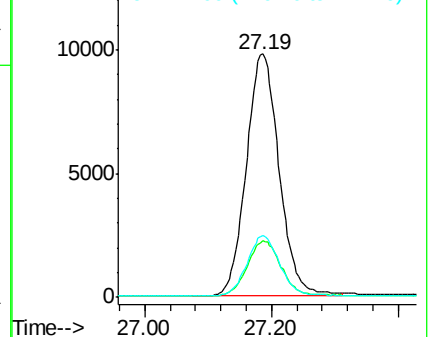
277 24.7 19.9 29.9



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: 24.39 min Scan# 2709

Delta R.T. 0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

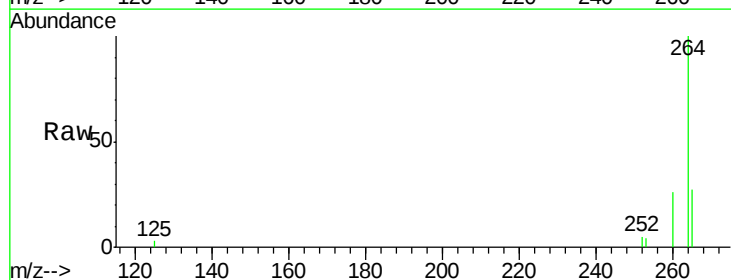
Tgt Ion:264 Resp: 6799

Ion Ratio Lower Upper

264 100

260 25.8 20.5 30.7

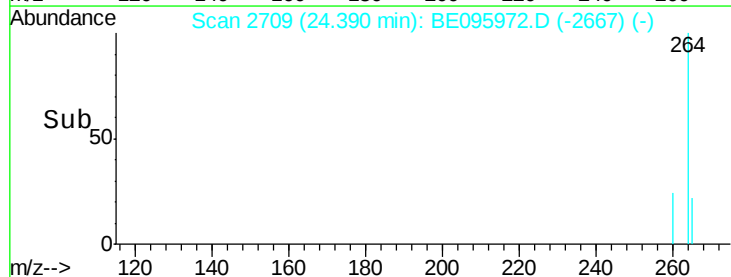
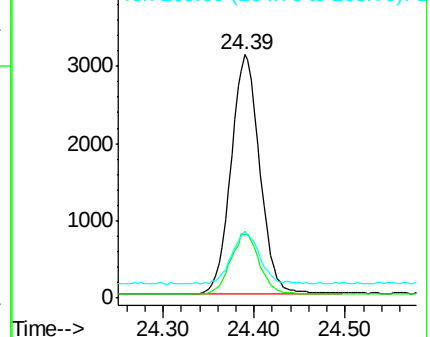
265 27.3 22.8 34.2



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: 1.479 ng

RT: 23.58 min Scan# 2482

Delta R.T. 0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

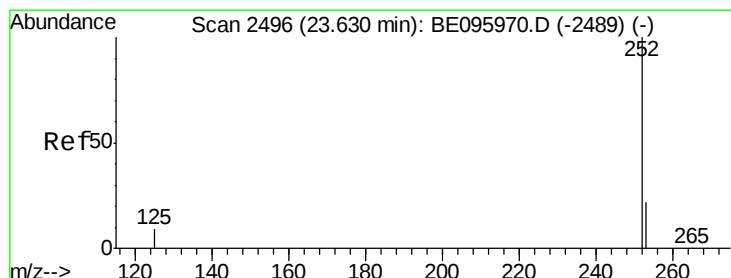
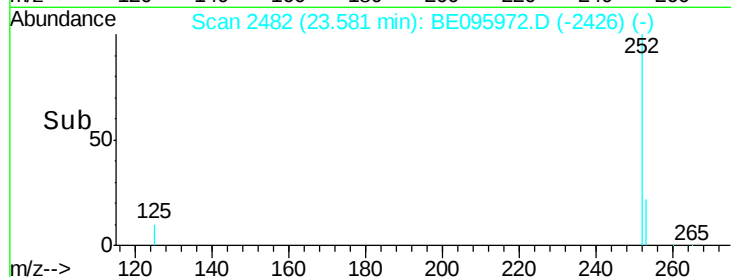
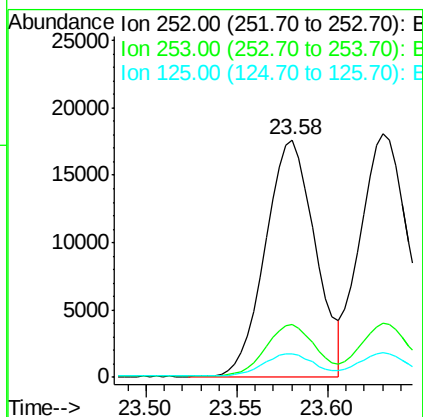
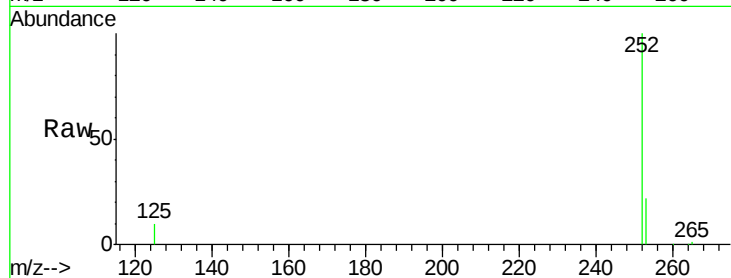
Tot Ion:252 Resp: 33272

Ion Ratio Lower Upper

252 100

253 22.3 20.0 30.0

125 10.1 16.0 24.0#



#36

Benzo(k)fluoranthene

Concen: 1.504 ng

RT: 23.63 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

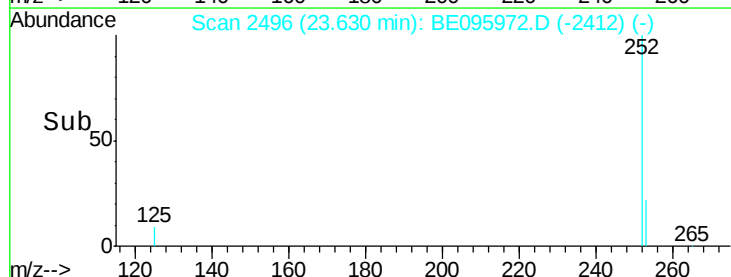
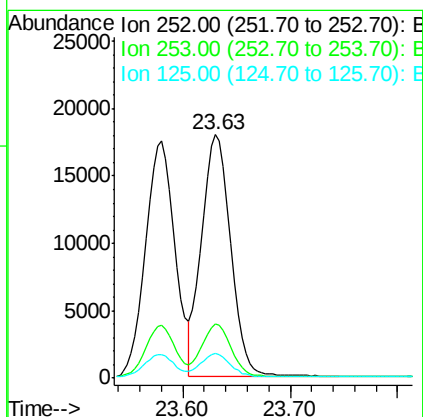
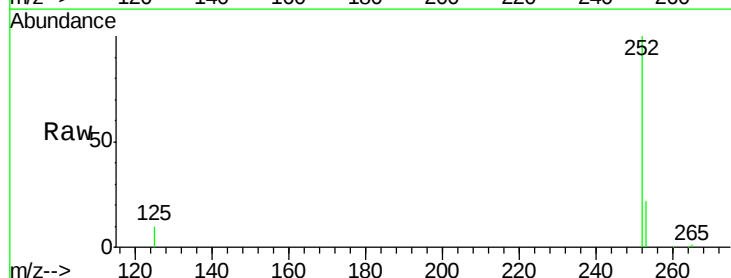
Tgt Ion:252 Resp: 33832

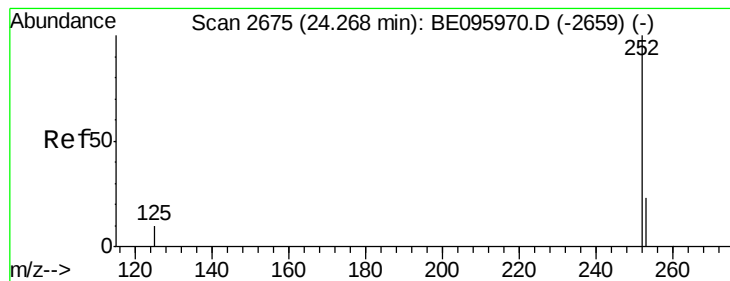
Ion Ratio Lower Upper

252 100

253 22.2 16.0 24.0

125 10.0 8.0 12.0





#37

Benzo(a)pyrene

Concen: 1.511 ng

RT: 24.27 min Scan# 2676

Delta R.T. 0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

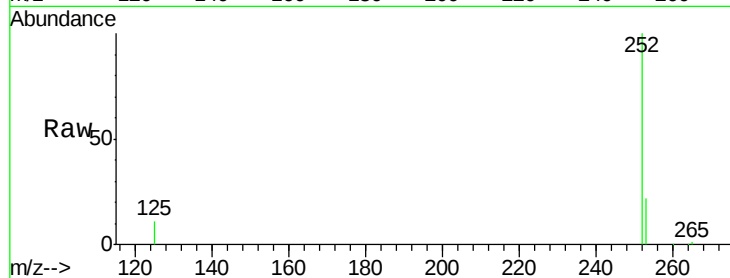
Tot Ion:252 Resp: 31861

Ion Ratio Lower Upper

252 100

253 22.0 16.0 24.0

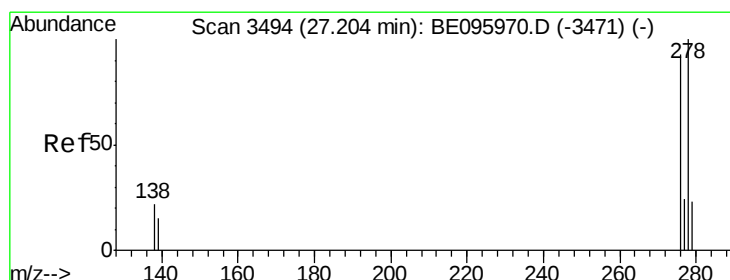
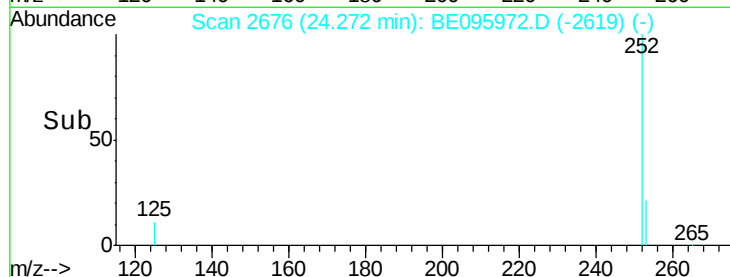
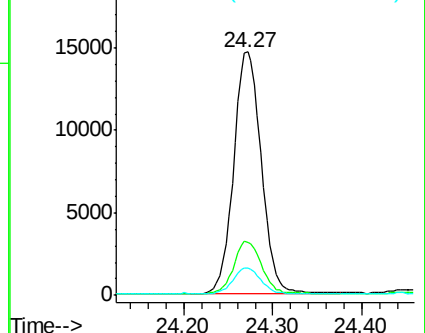
125 11.3 12.0 18.0#



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: 1.435 ng

RT: 27.20 min Scan# 3493

Delta R.T. -0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

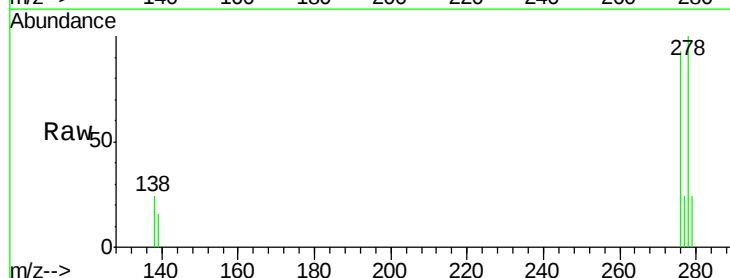
Tgt Ion:278 Resp: 28737

Ion Ratio Lower Upper

278 100

139 15.9 16.0 24.0#

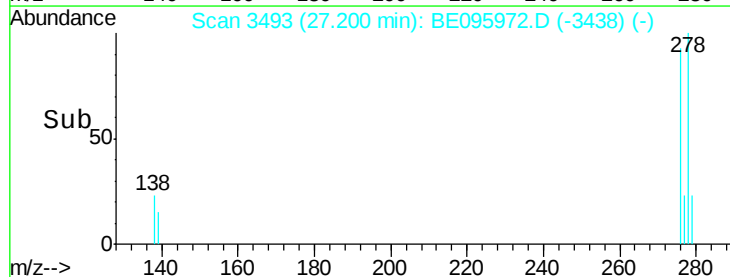
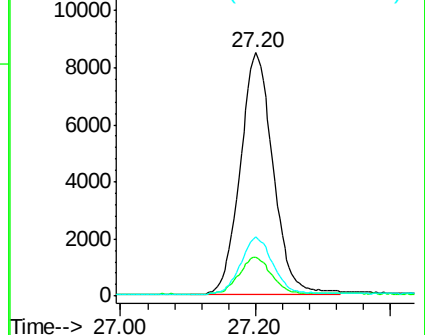
279 24.2 20.0 30.0

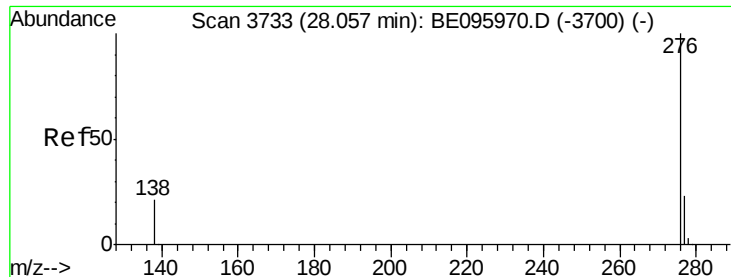


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 1.466 ng

RT: 28.05 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BE095972.D

Acq: 11 Apr 2018 15:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

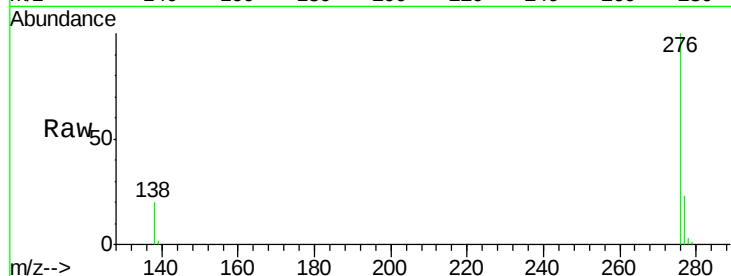
Tot Ion:276 Resp: 29504

Ion Ratio Lower Upper

276 100

277 23.4 16.0 24.0

138 20.5 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

