

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020618\
 Data File : BE095534.D
 Acq On : 6 Feb 2018 18:03
 Operator : SJ/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Feb 06 20:04:12 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 19:56:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1144	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	4473	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2622	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	6216	0.40	ng	0.00
27) Chrysene-d12	21.79	240	6335	0.40	ng	0.00
34) Perylene-d12	24.43	264	5803	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	1402	0.76	ng	0.00
5) Phenol-d6	7.57	99	1936	0.69	ng	0.00
8) Nitrobenzene-d5	9.61	82	1915	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	3033	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	464	0.73	ng	0.00
15) 2-Fluorobiphenyl	13.65	172	4594	0.40	ng	0.00
25) Fluoranthene-d10	19.69	212	32629	0.42	ng	0.00
29) Terphenyl-d14	20.25	244	5521	0.43	ng	0.00

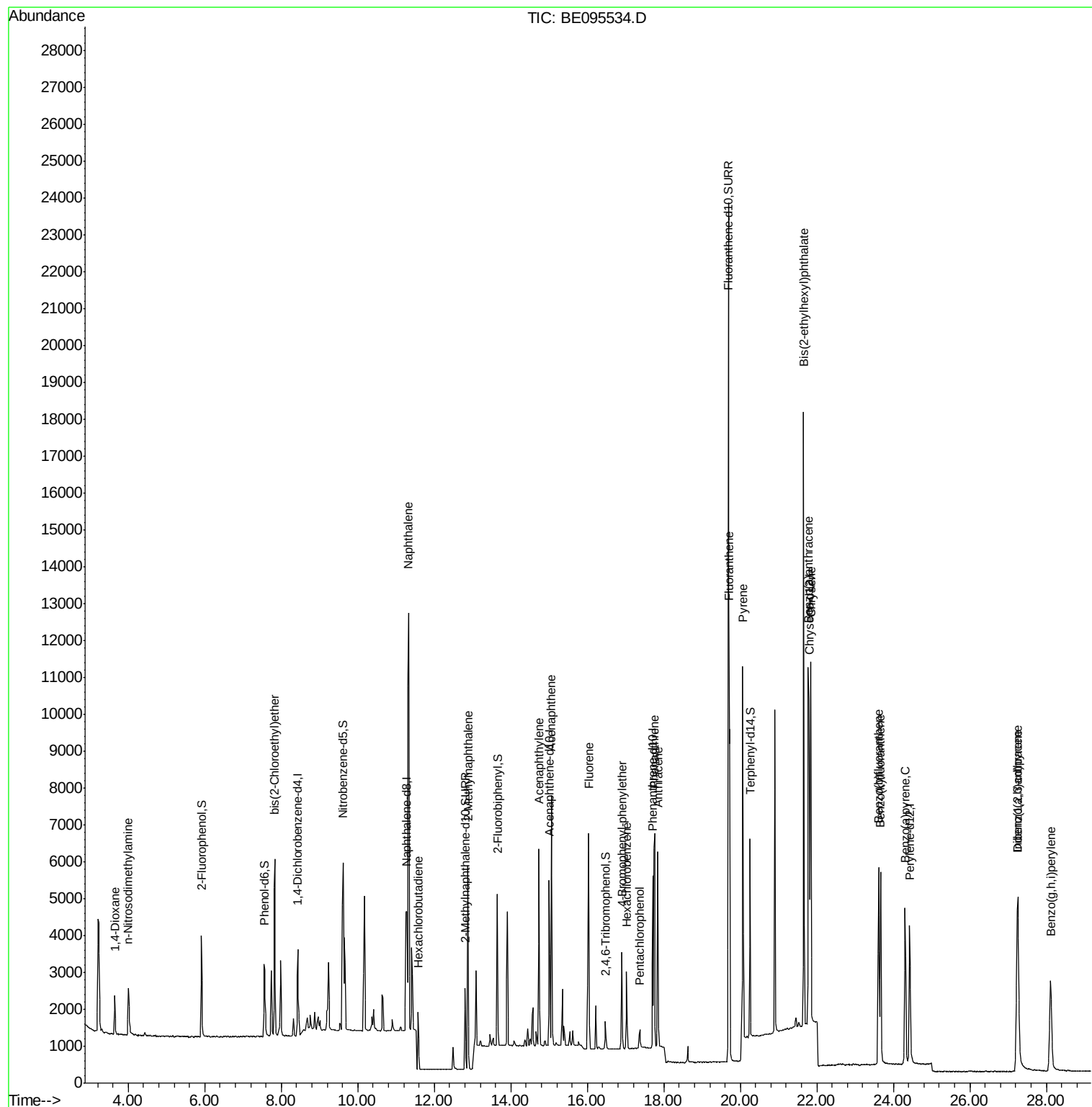
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.65	88	760	0.675	ng	# 92
3) n-Nitrosodimethylamine	4.00	42	964	0.718	ng	# 83
6) bis(2-Chloroethyl)ether	7.83	93	1806	0.691	ng	95
9) Naphthalene	11.33	128	21405	0.418	ng	100
10) Hexachlorobutadiene	11.58	225	1238	0.539	ng	91
12) 2-Methylnaphthalene	12.88	142	3669	0.418	ng	98
16) Acenaphthylene	14.74	152	5964	0.425	ng	99
17) Acenaphthene	15.06	154	3712	0.407	ng	94
18) Fluorene	16.04	166	4737	0.415	ng	# 78
20) 4-Bromophenyl-phenylether	16.90	248	1539	0.421	ng	# 71
21) Hexachlorobenzene	17.02	284	1568	0.427	ng	# 82
22) Pentachlorophenol	17.37	266	357	0.420	ng	# 78
23) Phenanthrene	17.76	178	7733	0.403	ng	98
24) Anthracene	17.85	178	7055	0.412	ng	95
26) Fluoranthene	19.72	202	9465	0.410	ng	98
28) Pyrene	20.07	202	10170	0.380	ng	95
30) Benzo(a)anthracene	21.78	228	8517	0.430	ng	99
31) Chrysene	21.84	228	8462	0.422	ng	99
32) Bis(2-ethylhexyl)phthalate	21.65	149	18436	0.669	ng	100
33) Indeno(1,2,3-cd)pyrene	27.24	276	7824	0.429	ng	95
35) Benzo(b)fluoranthene	23.61	252	7994	0.388	ng	# 90
36) Benzo(k)fluoranthene	23.67	252	8150	0.387	ng	93
37) Benzo(a)pyrene	24.31	252	7308	0.387	ng	92
38) Dibenzo(a,h)anthracene	27.26	278	6245	0.393	ng	96
39) Benzo(g,h,i)perylene	28.11	276	6916	0.402	ng	# 92

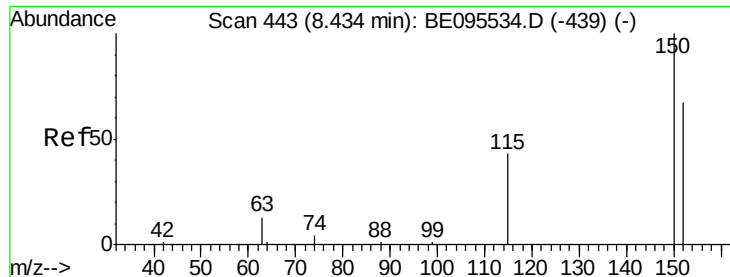
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.43 min Scan# 443

Delta R.T. 0.00 min

Lab File: BE095534.D

Acq: 6 Feb 2018 18:03

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

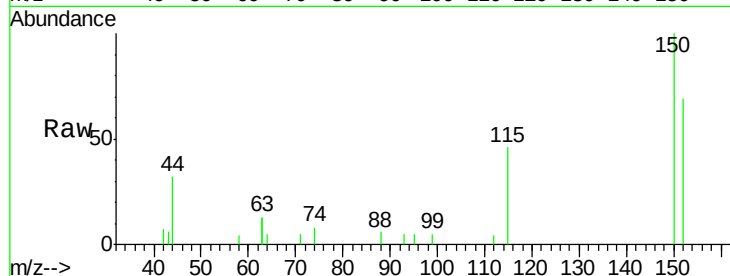
Tot Ion:152 Resp: 1144

Ion Ratio Lower Upper

152 100

150 145.6 117.2 175.8

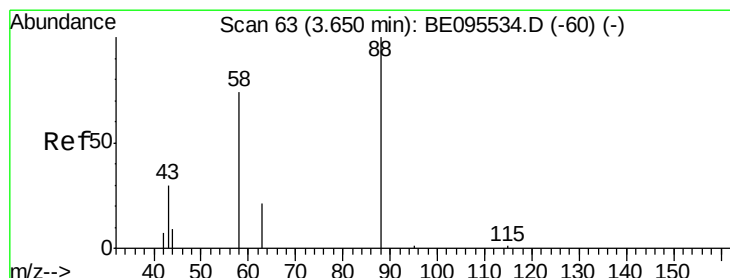
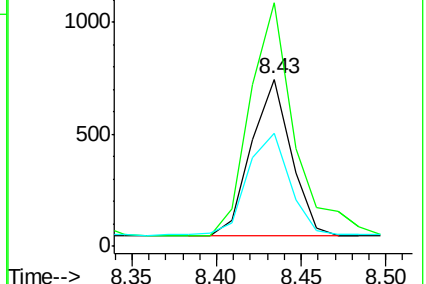
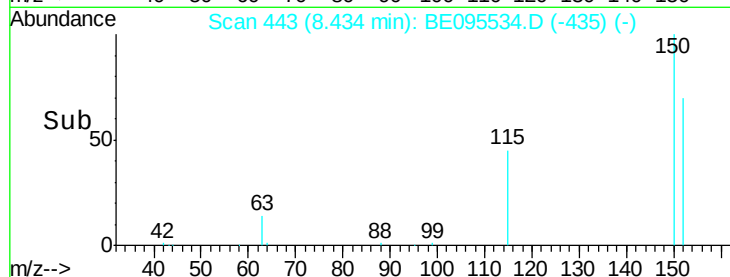
115 67.6 57.0 85.6



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: 0.675 ng

RT: 3.65 min Scan# 63

Delta R.T. 0.00 min

Lab File: BE095534.D

Acq: 6 Feb 2018 18:03

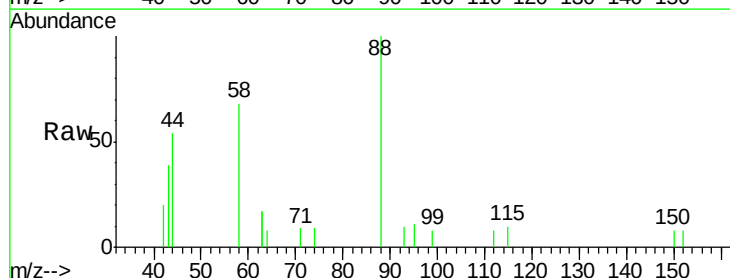
Tgt Ion: 88 Resp: 760

Ion Ratio Lower Upper

88 100

58 81.1 63.2 94.8

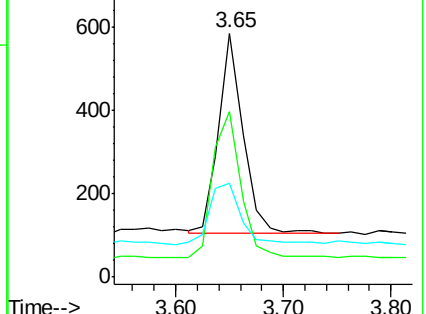
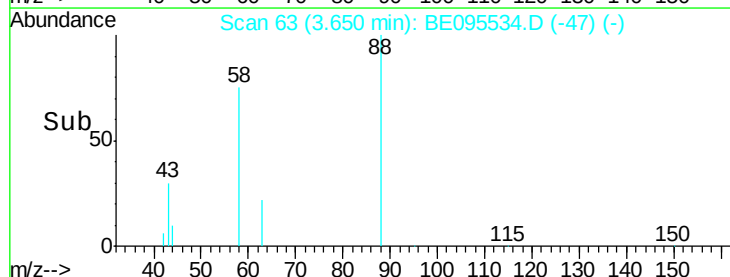
43 40.3 41.2 61.8#

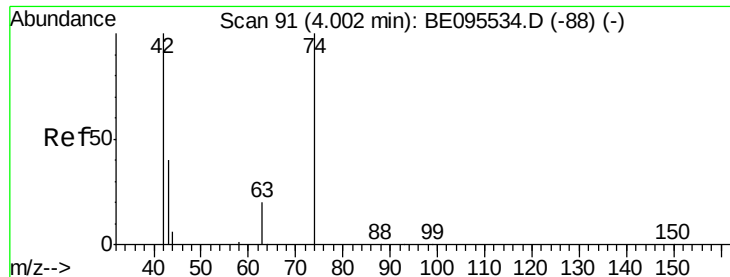


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.718 ng

RT: 4.00 min Scan# 91

Delta R.T. 0.00 min

Lab File: BE095534.D

Acq: 6 Feb 2018 18:03

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

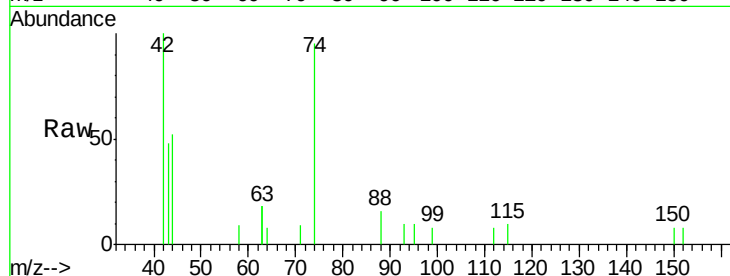
Tot Ion: 42 Resp: 964

Ion Ratio Lower Upper

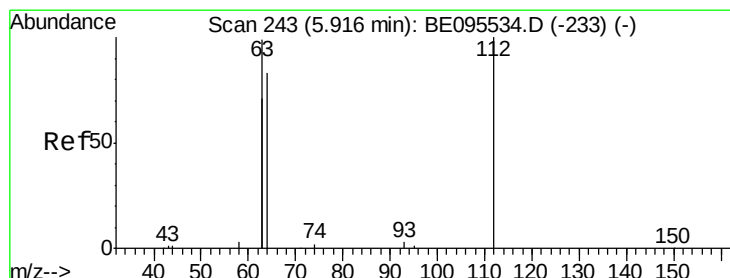
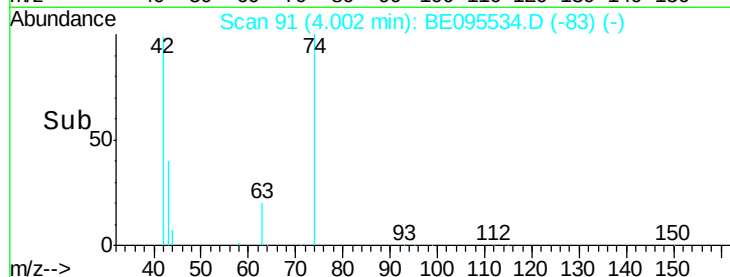
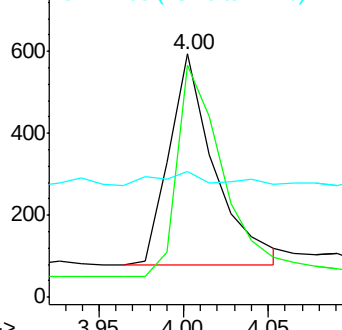
42 100

74 100.8 96.0 144.0

44 7.6 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: 0.757 ng

RT: 5.92 min Scan# 243

Delta R.T. 0.00 min

Lab File: BE095534.D

Acq: 6 Feb 2018 18:03

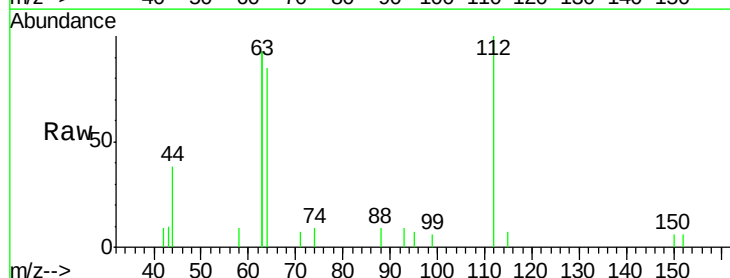
Tgt Ion: 112 Resp: 1402

Ion Ratio Lower Upper

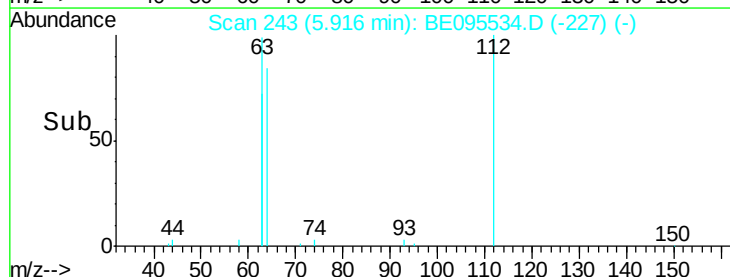
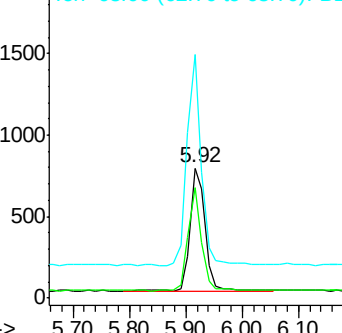
112 100

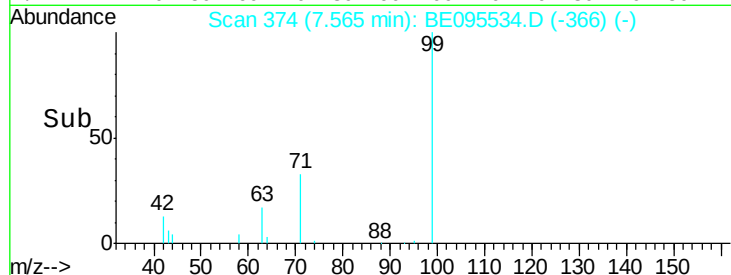
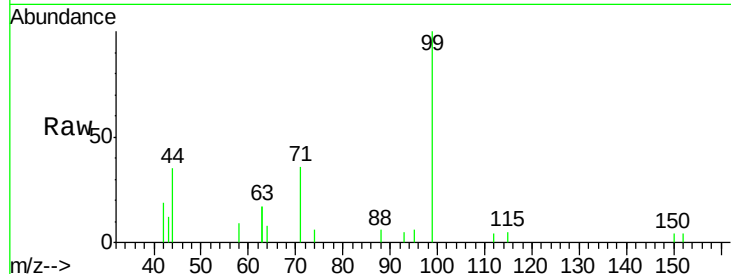
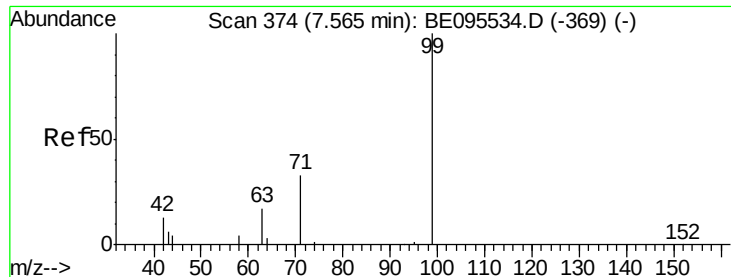
64 77.5 60.1 90.1

63 163.6 116.8 175.2



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: 0.690 ng

RT: 7.57 min Scan# 374

Delta R.T. 0.00 min

Lab File: BE095534.D

Acq: 6 Feb 2018 18:03

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

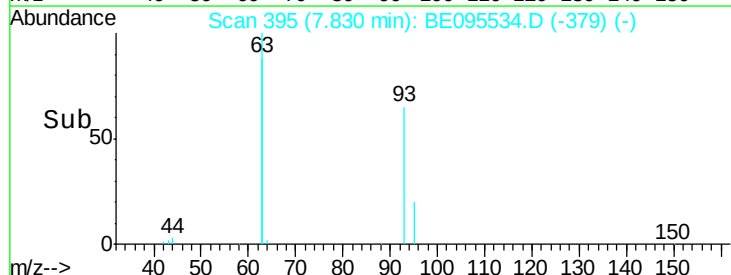
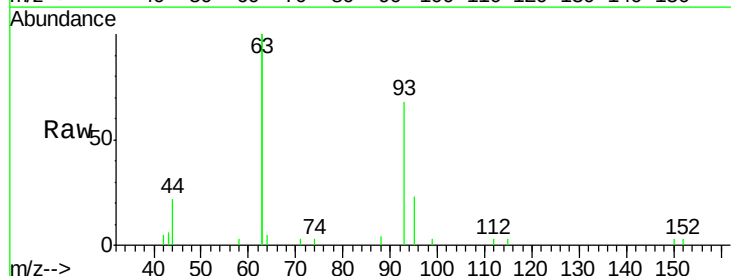
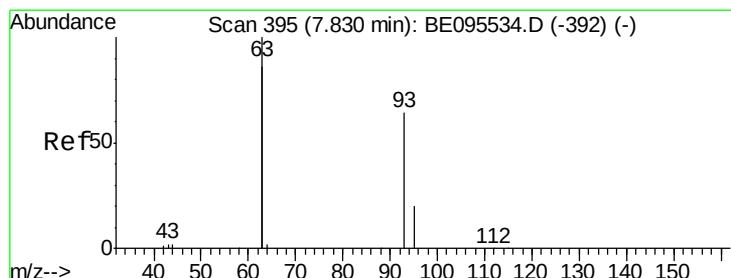
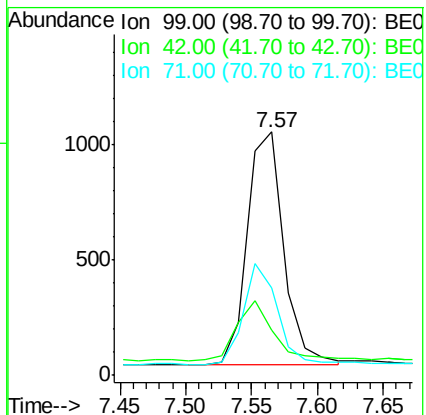
Tot Ion: 99 Resp: 1936

Ion Ratio Lower Upper

99 100

42 25.1 20.2 30.2

71 39.5 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.691 ng

RT: 7.83 min Scan# 395

Delta R.T. 0.00 min

Lab File: BE095534.D

Acq: 6 Feb 2018 18:03

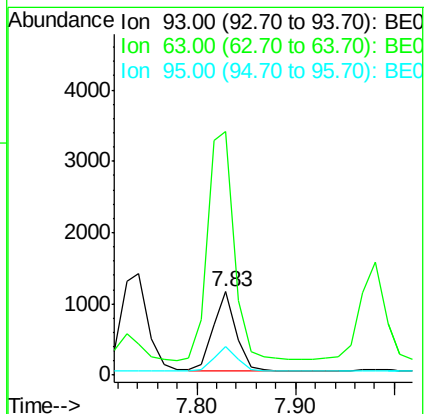
Tgt Ion: 93 Resp: 1806

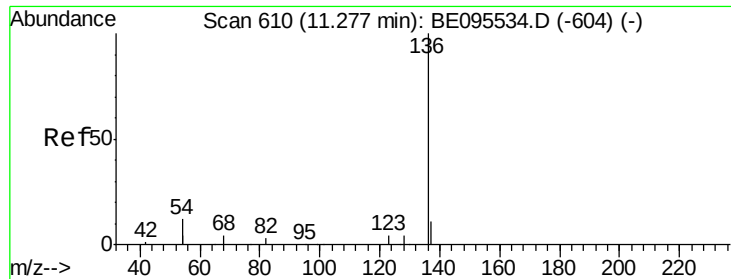
Ion Ratio Lower Upper

93 100

63 332.3 275.3 412.9

95 31.5 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.28 min Scan# 610

Delta R.T. 0.00 min

Lab File: BE095534.D

Acq: 6 Feb 2018 18:03

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 4473

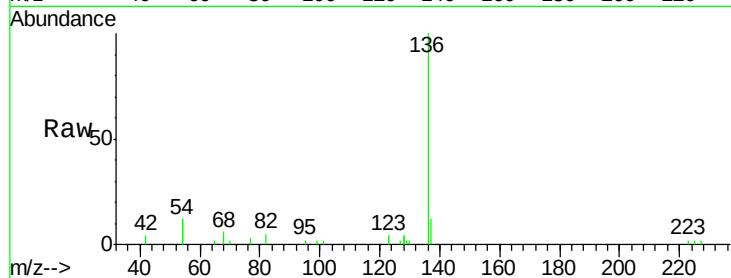
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 24.0 29.1 43.7#

68 5.5 6.2 9.2#

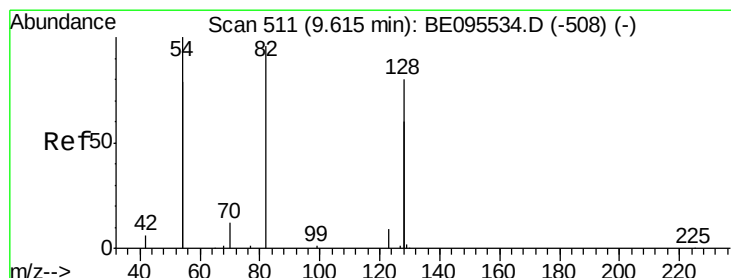
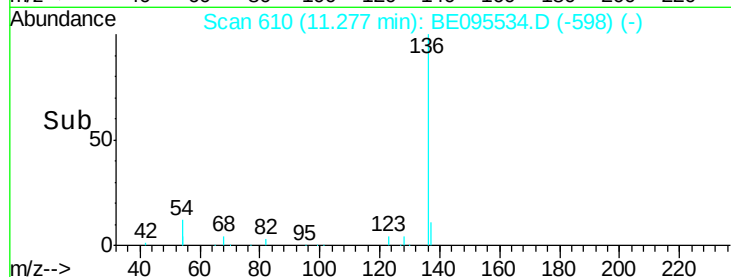
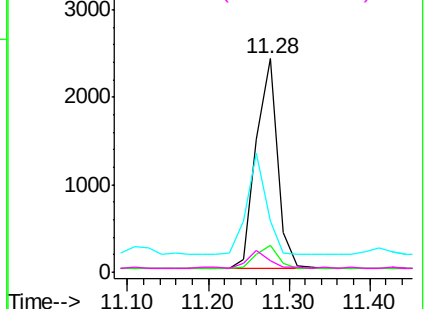


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.470 ng

RT: 9.61 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE095534.D

Acq: 6 Feb 2018 18:03

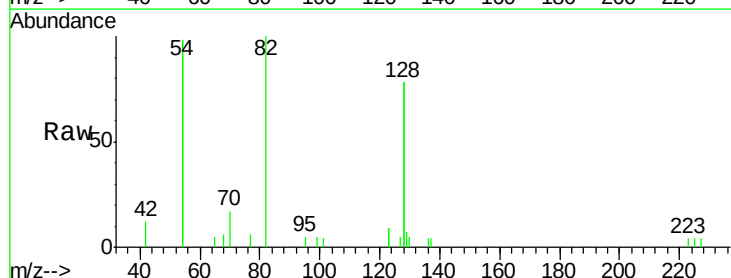
Tgt Ion: 82 Resp: 1915

Ion Ratio Lower Upper

82 100

128 156.8 150.0 225.0

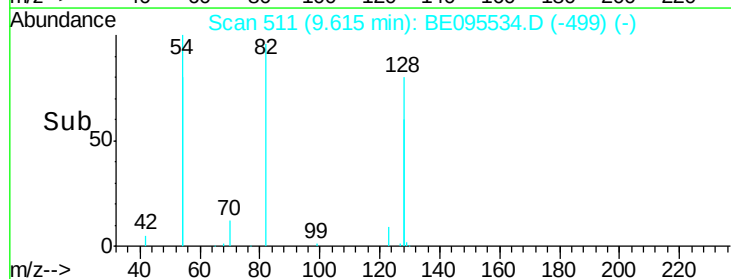
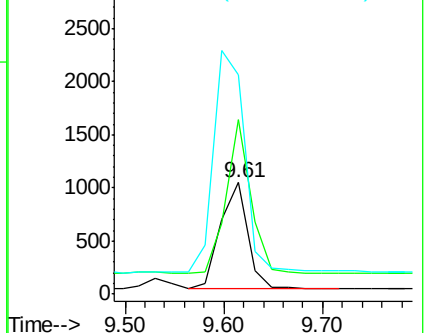
54 196.9 154.2 231.4

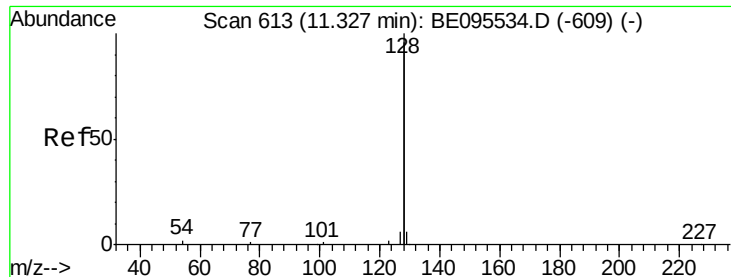


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.418 ng

RT: 11.33 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE095534.D

Acq: 6 Feb 2018 18:03

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

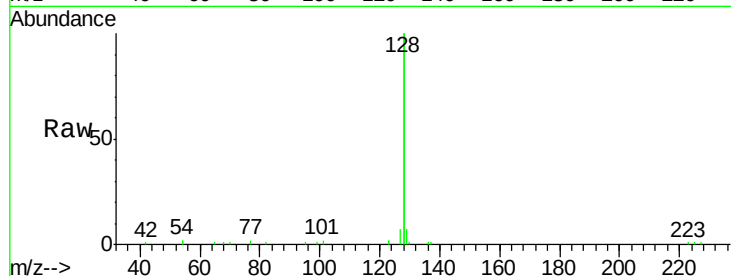
Tot Ion:128 Resp: 21405

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

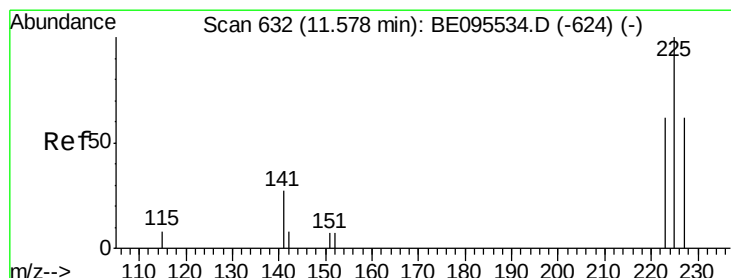
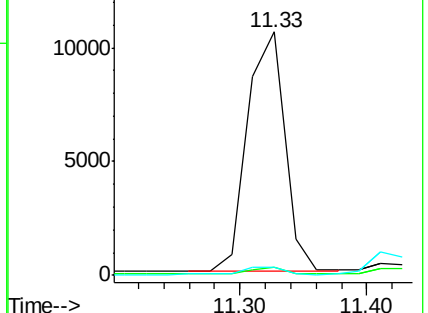
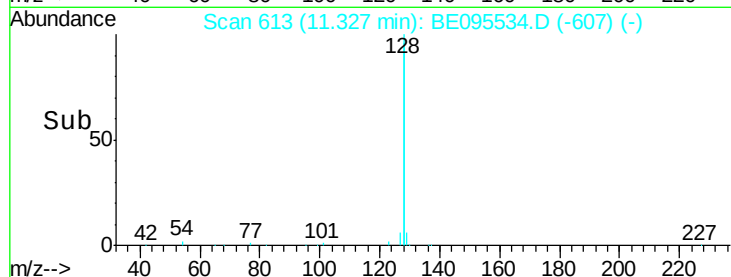
127 3.4 2.8 4.2



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: 0.539 ng

RT: 11.58 min Scan# 632

Delta R.T. 0.00 min

Lab File: BE095534.D

Acq: 6 Feb 2018 18:03

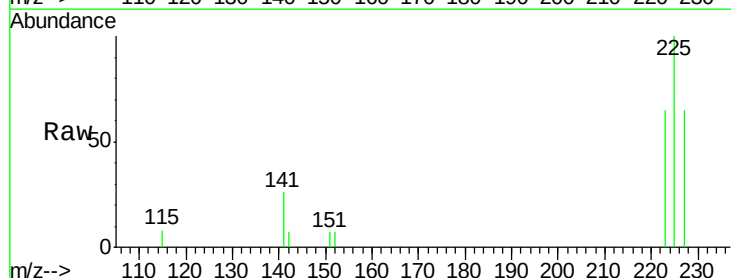
Tgt Ion:225 Resp: 1238

Ion Ratio Lower Upper

225 100

223 53.2 53.0 79.6

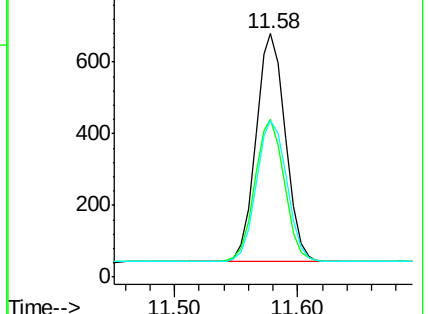
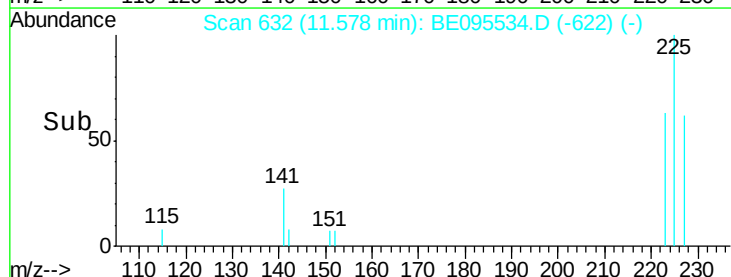
227 63.9 51.4 77.2

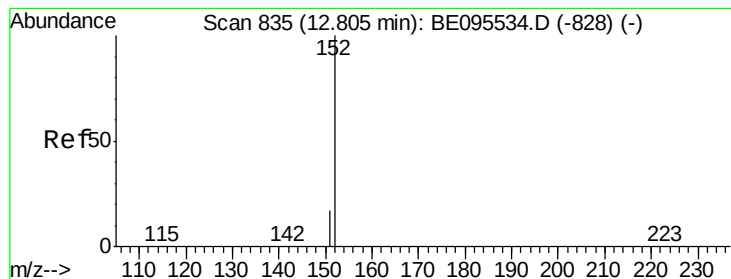


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.409 ng

RT: 12.80 min Scan# 835

Delta R.T. 0.00 min

Lab File: BE095534.D

Acq: 6 Feb 2018 18:03

Instrument :

BNA_E

ClientSampleId :

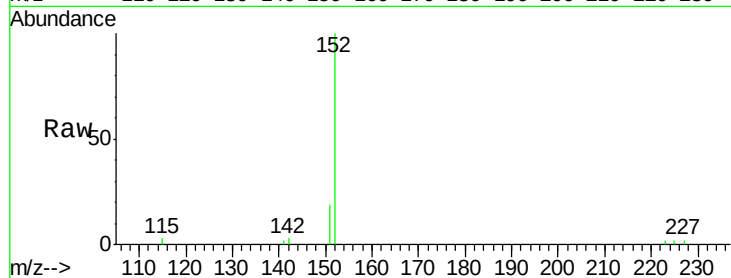
SSTDICCC0.4

Tot Ion:152 Resp: 3033

Ion Ratio Lower Upper

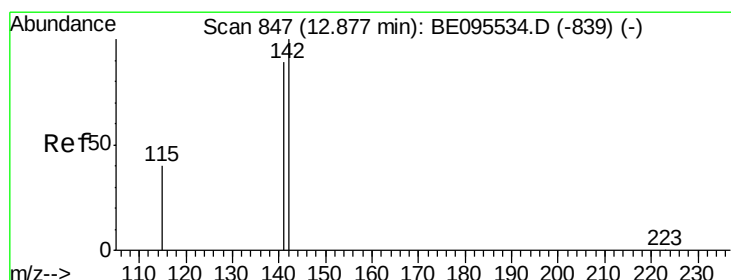
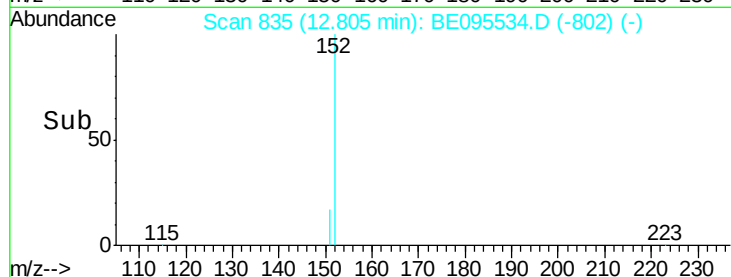
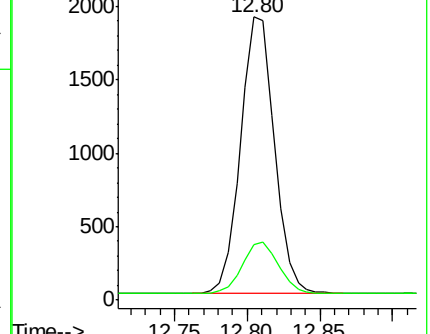
152 100

151 19.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.418 ng

RT: 12.88 min Scan# 847

Delta R.T. 0.00 min

Lab File: BE095534.D

Acq: 6 Feb 2018 18:03

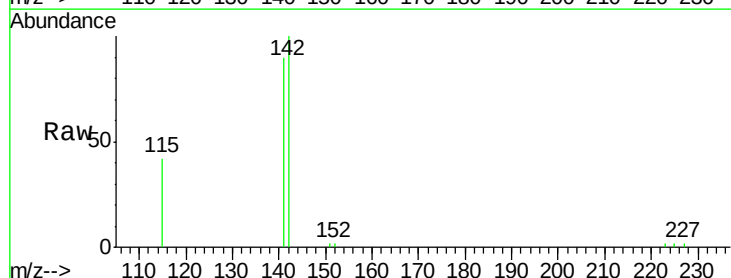
Tgt Ion:142 Resp: 3669

Ion Ratio Lower Upper

142 100

141 89.7 70.4 105.6

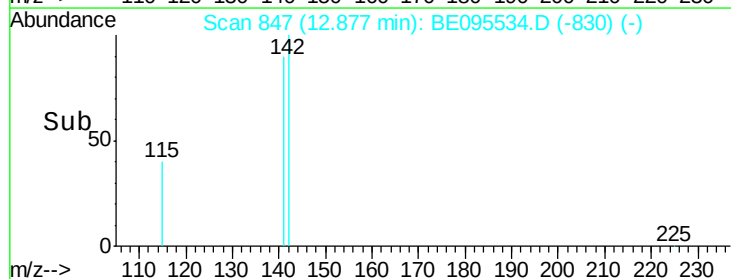
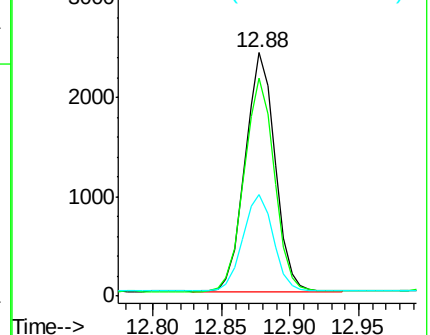
115 41.6 31.7 47.5

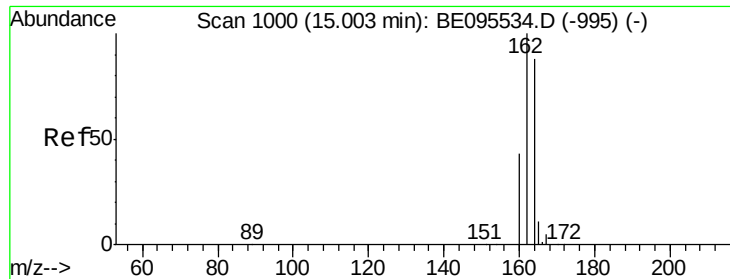


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.00 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BE095534.D

Acq: 6 Feb 2018 18:03

Instrument :

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ClientSampleId :

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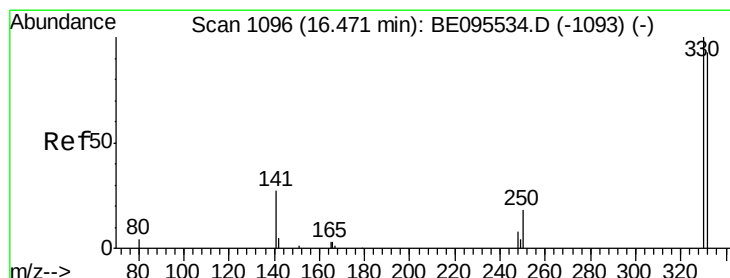
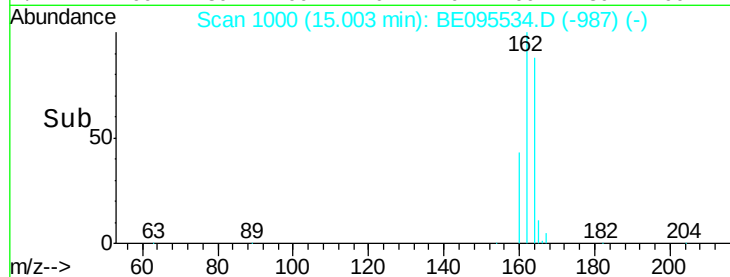
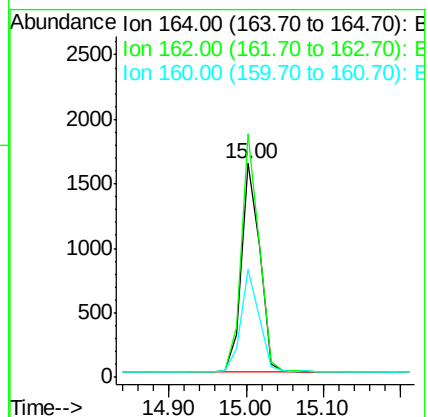
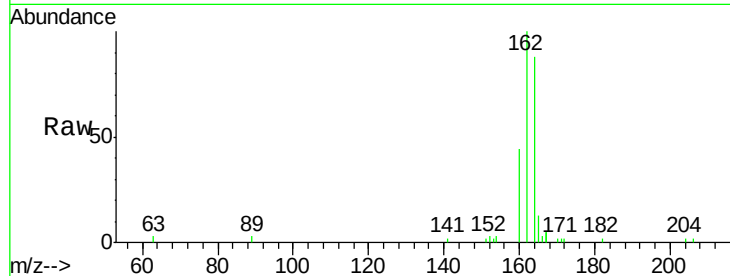
Tot Ion:164 Resp: 2622

Ion Ratio Lower Upper

164 100

162 113.9 83.1 124.7

160 50.6 37.1 55.7



#14

2,4,6-Tribromophenol

Concen: 0.730 ng

RT: 16.47 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE095534.D

Acq: 6 Feb 2018 18:03

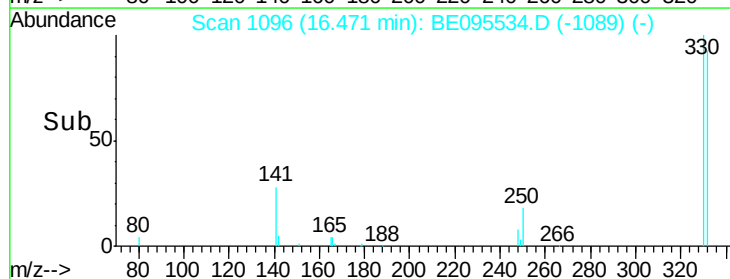
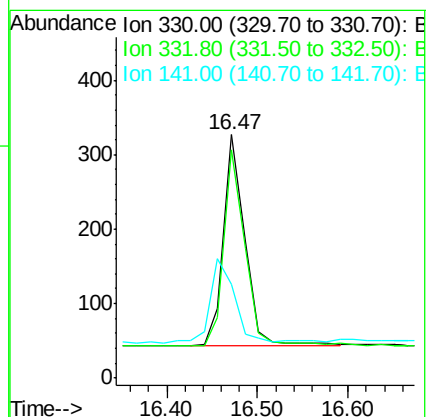
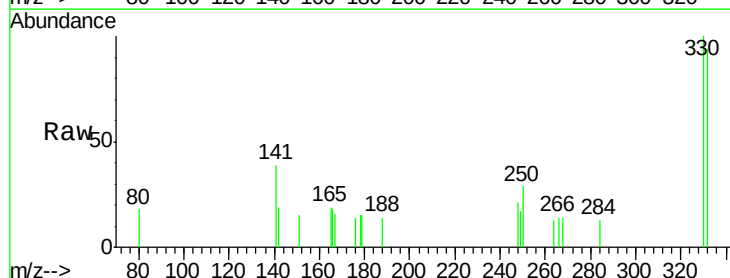
Tgt Ion:330 Resp: 464

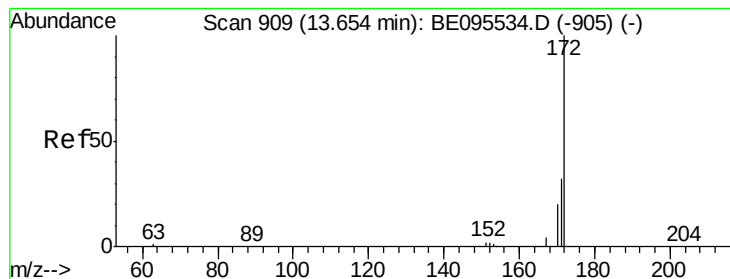
Ion Ratio Lower Upper

330 100

332 91.4 152.7 229.1#

141 47.6 33.7 50.5





#15

2-Fluorobiphenyl

Concen: 0.399 ng

RT: 13.65 min Scan# 909

Delta R.T. 0.00 min

Lab File: BE095534.D

Acq: 6 Feb 2018 18:03

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

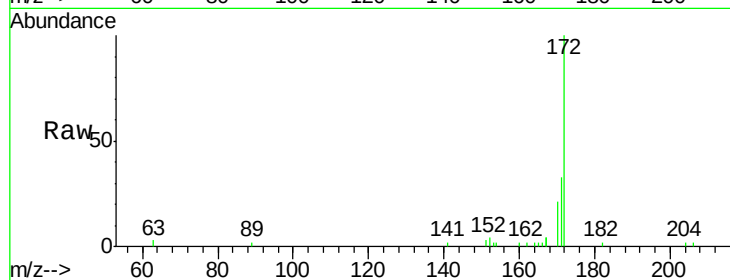
Tot Ion:172 Resp: 4594

Ion Ratio Lower Upper

172 100

171 33.4 29.9 44.9

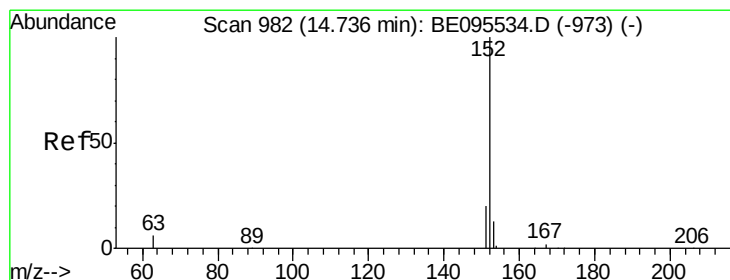
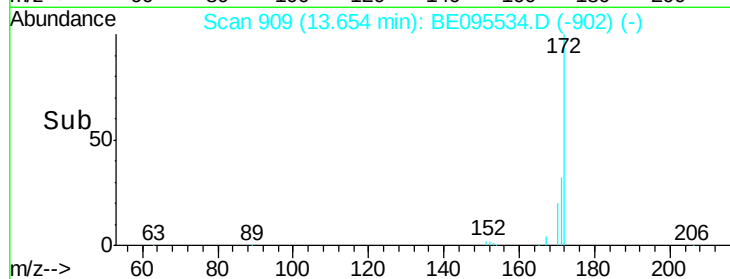
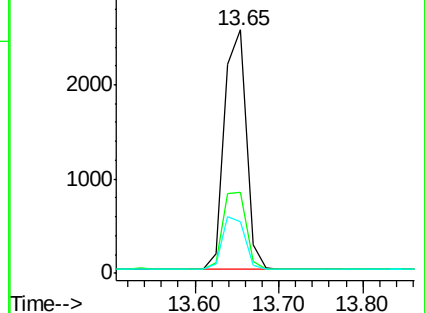
170 21.1 21.8 32.8#



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.425 ng

RT: 14.74 min Scan# 982

Delta R.T. 0.00 min

Lab File: BE095534.D

Acq: 6 Feb 2018 18:03

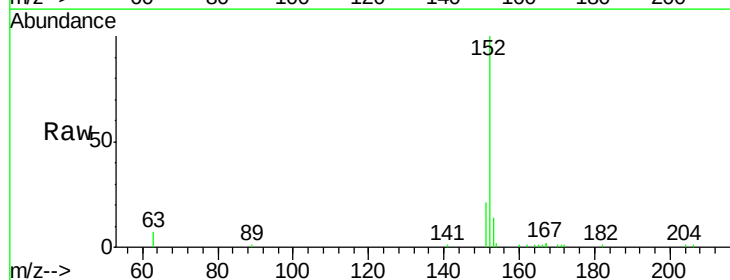
Tgt Ion:152 Resp: 5964

Ion Ratio Lower Upper

152 100

151 20.1 15.7 23.5

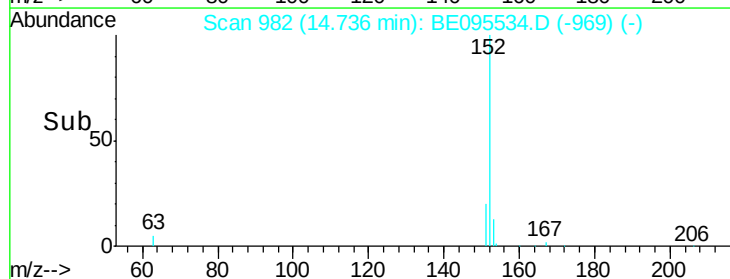
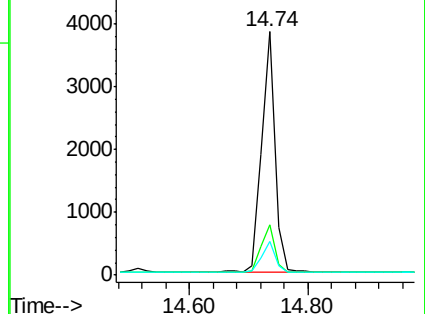
153 13.1 10.5 15.7

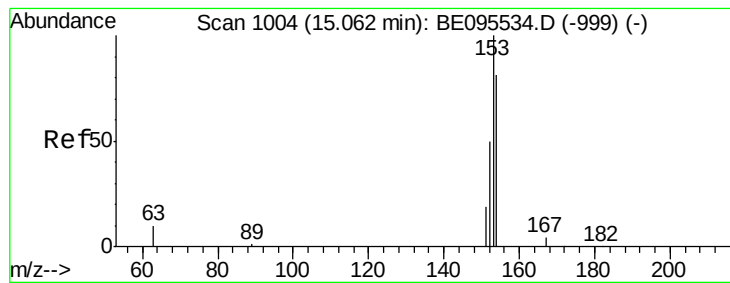


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.407 ng

RT: 15.06 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BE095534.D

Acq: 6 Feb 2018 18:03

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

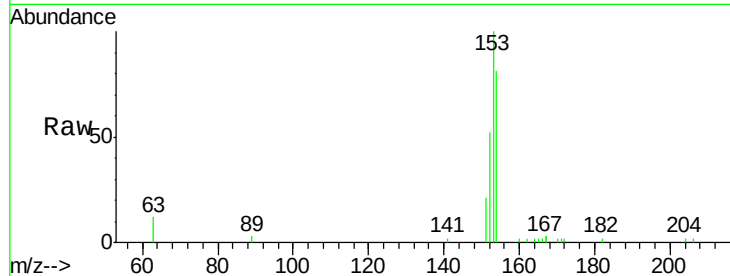
Tot Ion:154 Resp: 3712

Ion Ratio Lower Upper

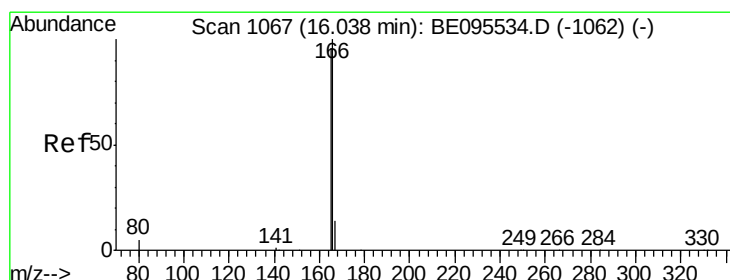
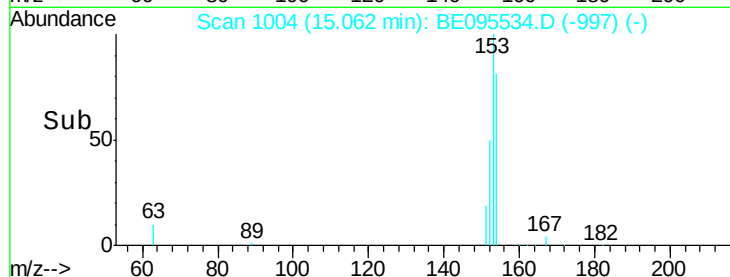
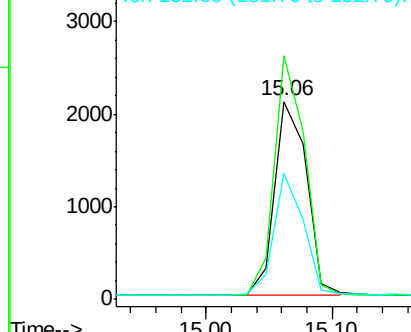
154 100

153 116.5 89.2 133.8

152 57.7 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: 0.415 ng

RT: 16.04 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE095534.D

Acq: 6 Feb 2018 18:03

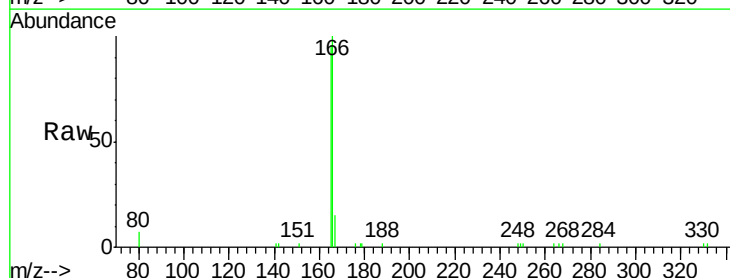
Tgt Ion:166 Resp: 4737

Ion Ratio Lower Upper

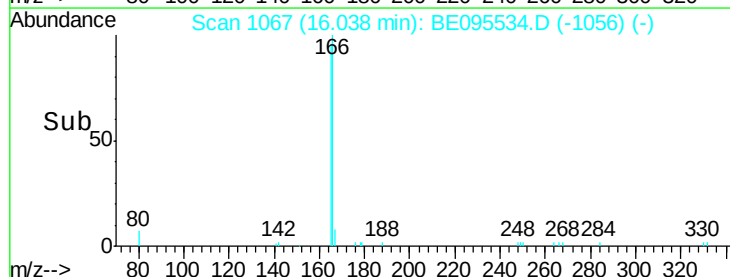
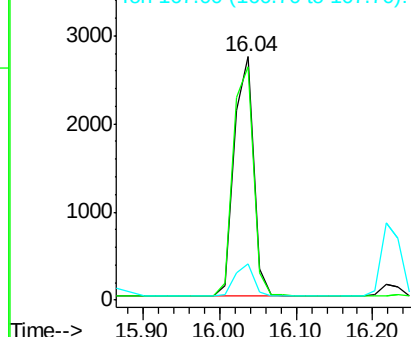
166 100

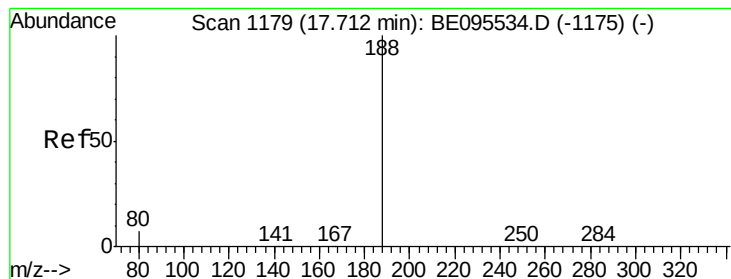
165 101.0 77.8 116.6

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: 17.71 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BE095534.D

Acq: 6 Feb 2018 18:03

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

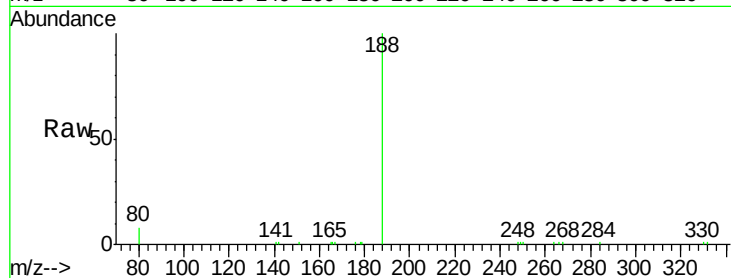
Tot Ion:188 Resp: 6216

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

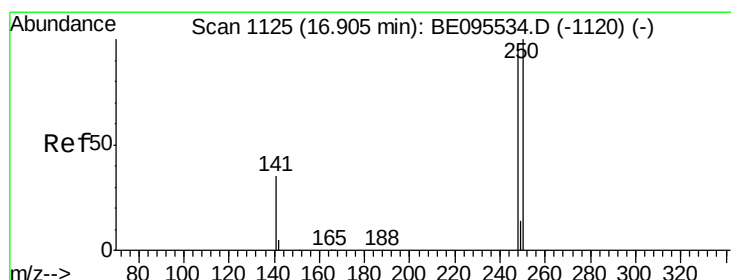
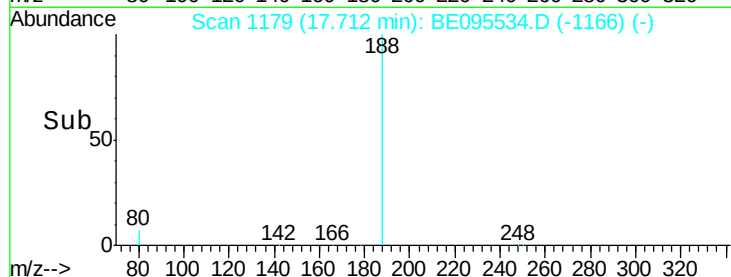
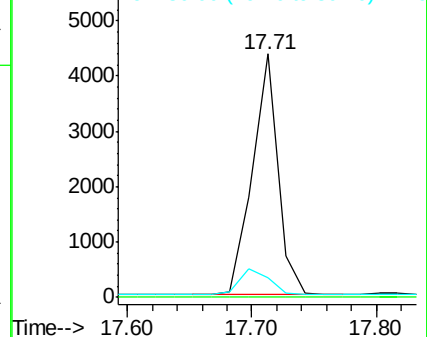
80 7.8 3.6 5.4#



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: 0.421 ng

RT: 16.90 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BE095534.D

Acq: 6 Feb 2018 18:03

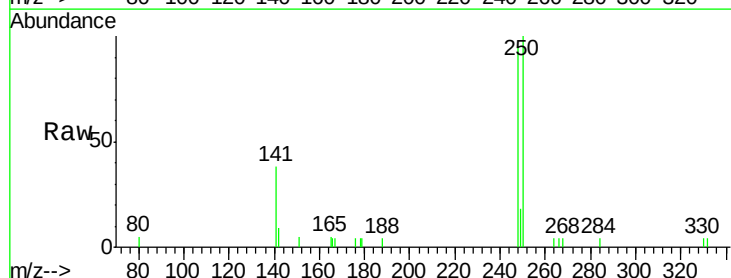
Tgt Ion:248 Resp: 1539

Ion Ratio Lower Upper

248 100

250 105.3 62.7 94.1#

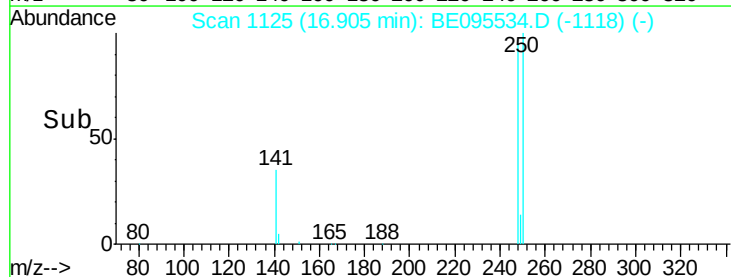
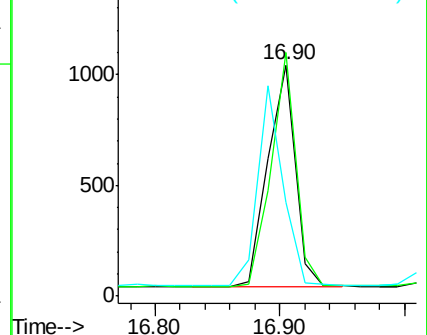
141 40.3 48.2 72.2#

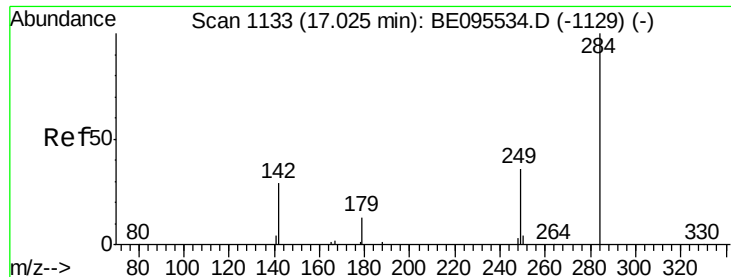


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

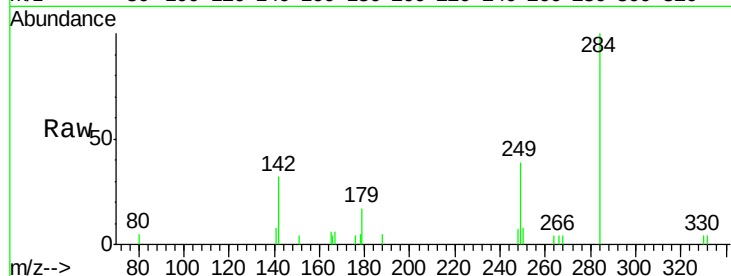




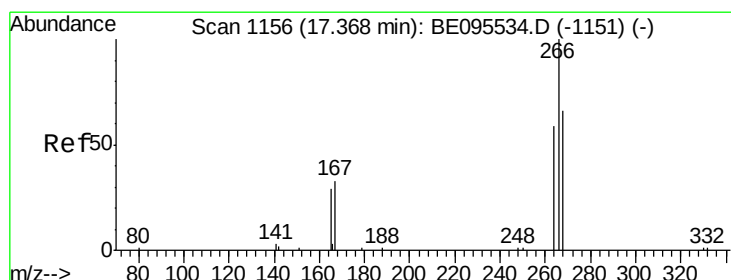
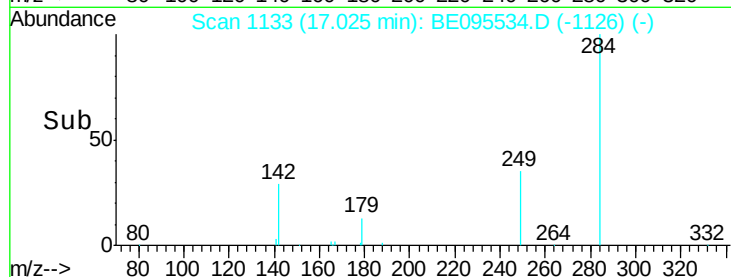
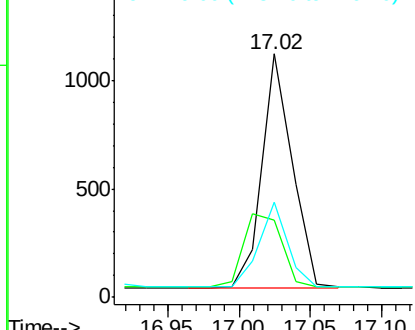
#21
Hexachlorobenzene
Concen: 0.427 ng
RT: 17.02 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:284 Resp: 1568
Ion Ratio Lower Upper
284 100
142 40.4 22.1 33.1#
249 34.4 34.8 52.2#

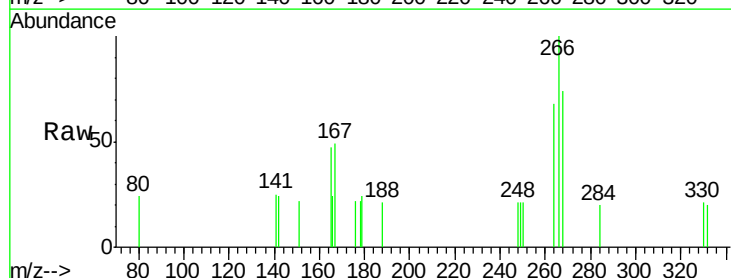


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

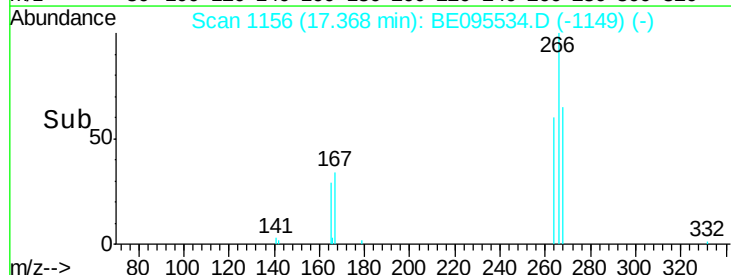
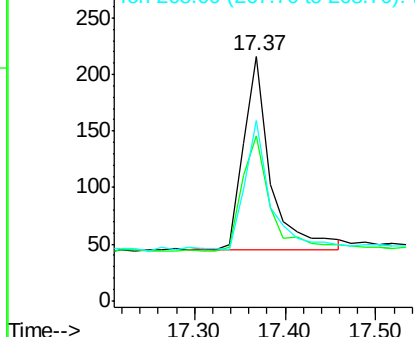


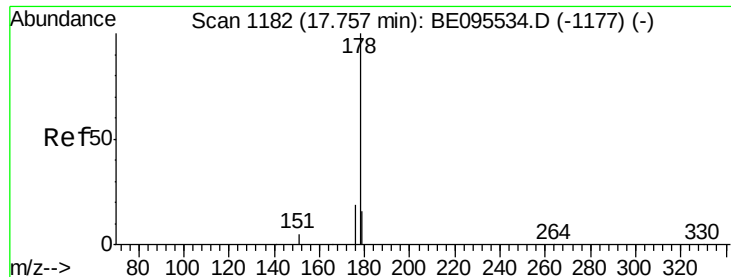
#22
Pentachlorophenol
Concen: 0.420 ng
RT: 17.37 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Tgt Ion:266 Resp: 357
Ion Ratio Lower Upper
266 100
264 67.6 72.5 108.7#
268 73.6 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: 0.403 ng

RT: 17.76 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BE095534.D

Acq: 6 Feb 2018 18:03

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

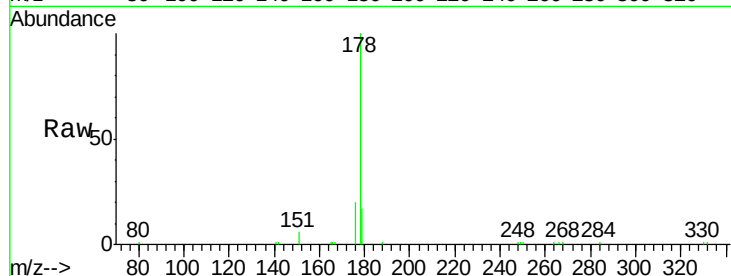
Tot Ion:178 Resp: 7733

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

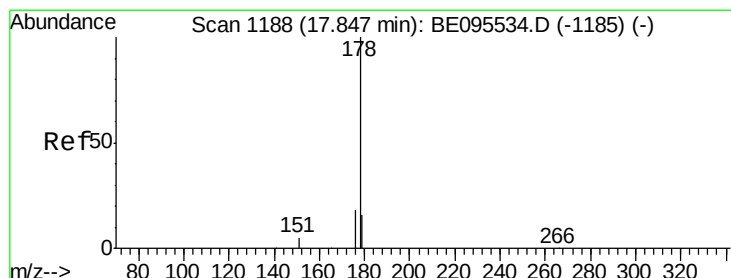
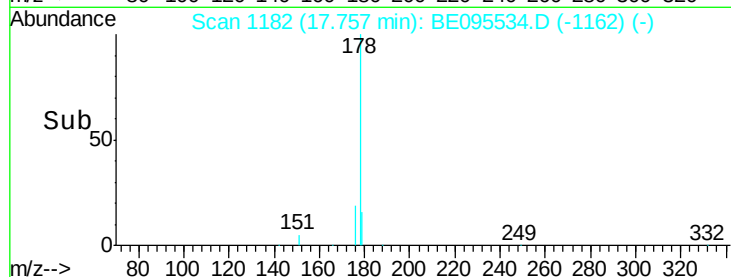
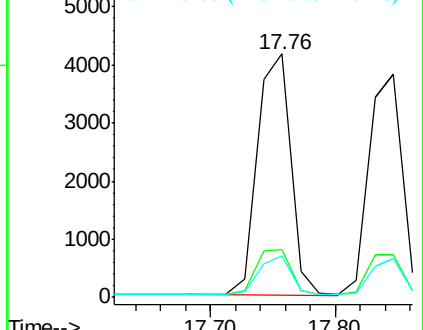
179 15.7 11.8 17.6



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: 0.412 ng

RT: 17.85 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BE095534.D

Acq: 6 Feb 2018 18:03

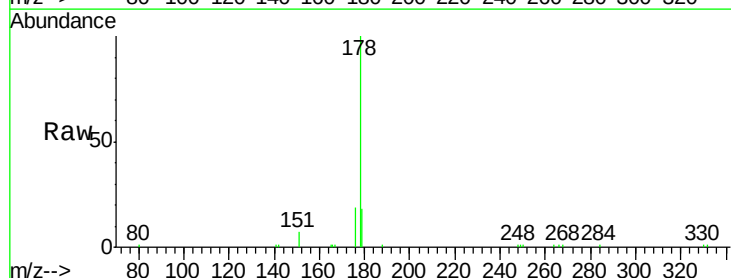
Tgt Ion:178 Resp: 7055

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

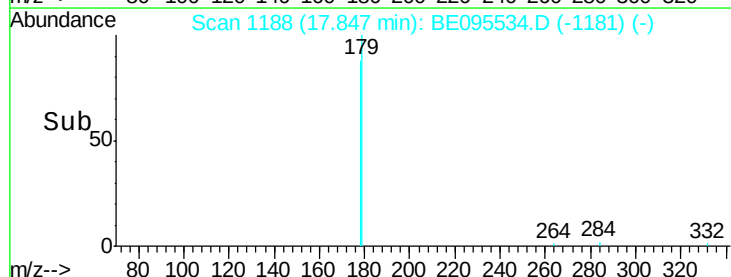
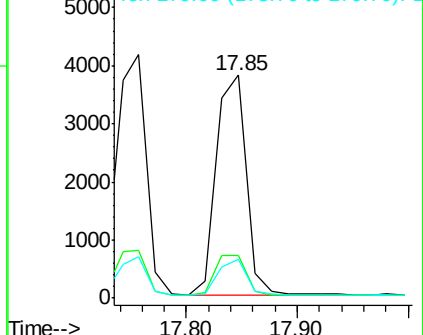
179 15.2 13.0 19.6

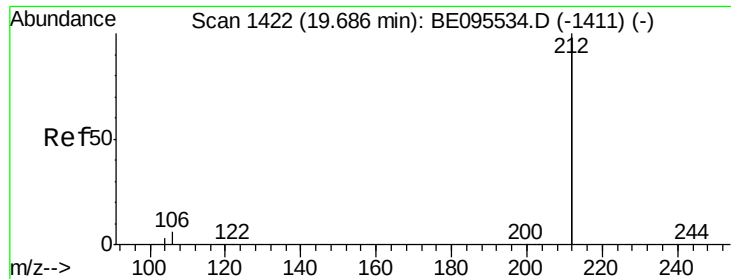


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.417 ng

RT: 19.69 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BE095534.D

Acq: 6 Feb 2018 18:03

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

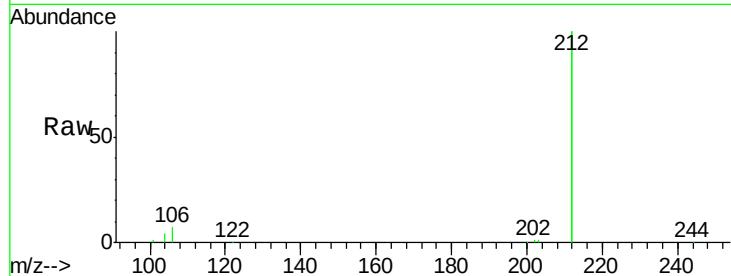
Tot Ion:212 Resp: 32629

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

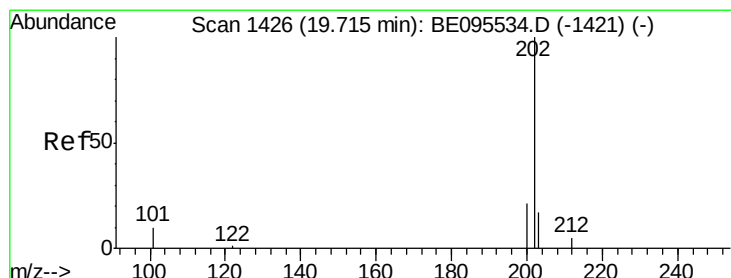
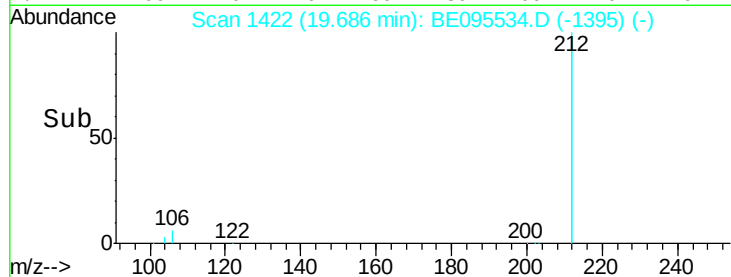
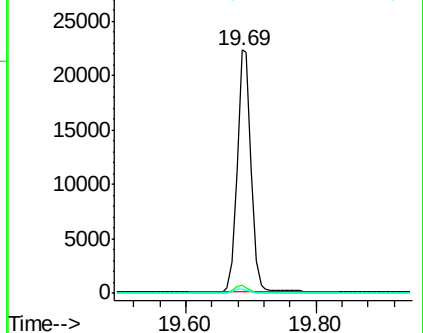
104 1.7 1.6 2.4



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: 0.410 ng

RT: 19.72 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BE095534.D

Acq: 6 Feb 2018 18:03

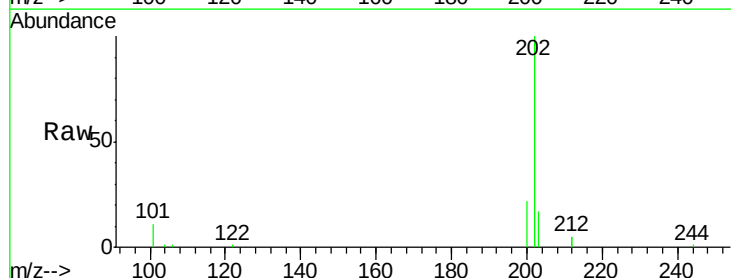
Tgt Ion:202 Resp: 9465

Ion Ratio Lower Upper

202 100

101 10.5 9.8 14.8

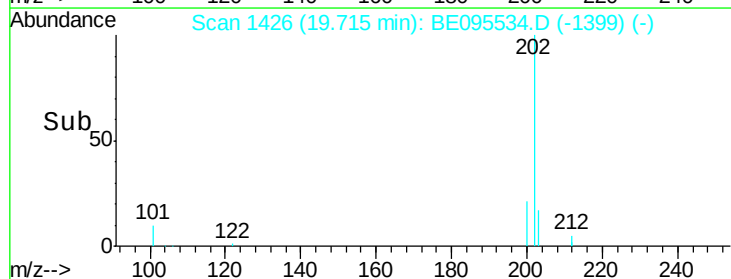
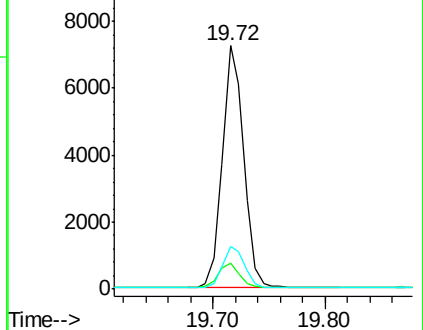
203 17.1 13.7 20.5

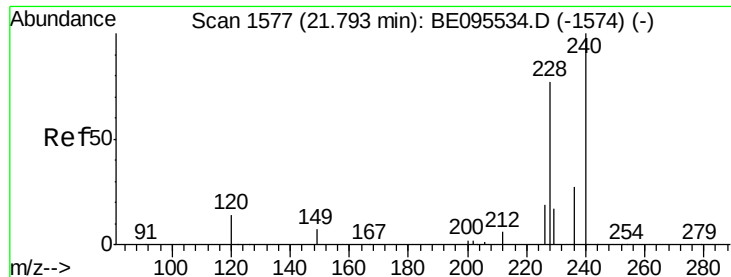


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

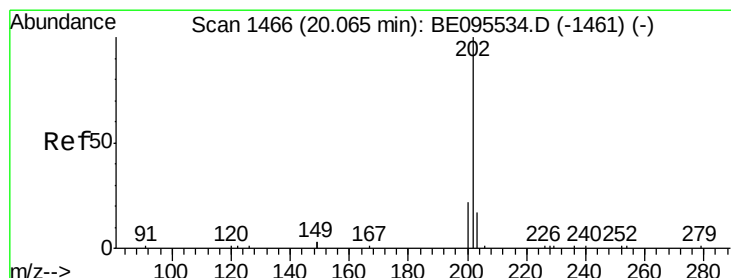
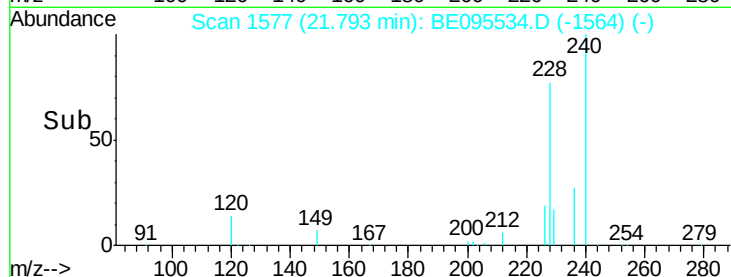
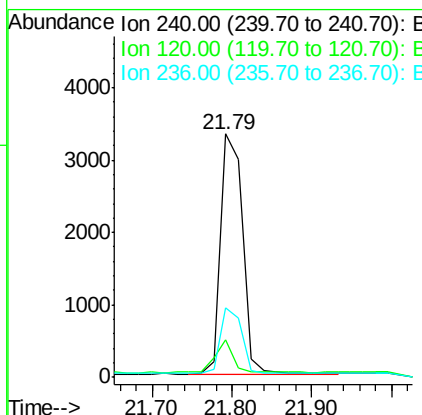
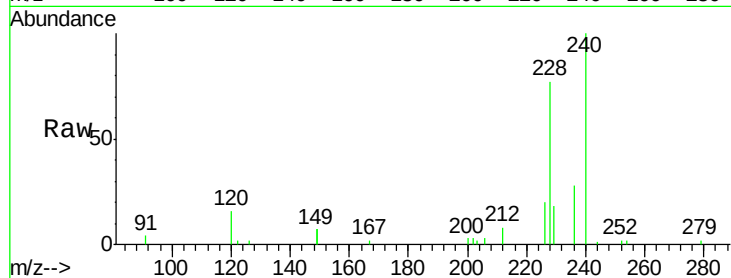




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.79 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BE095534.D
 Acq: 6 Feb 2018 18:03

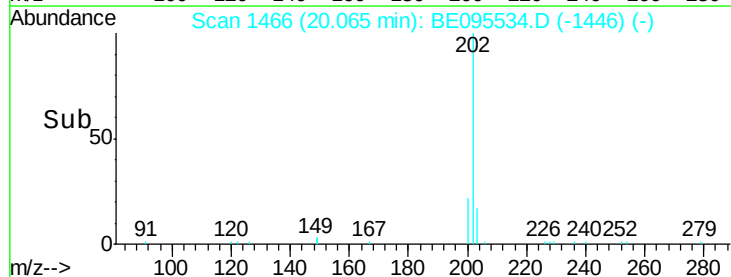
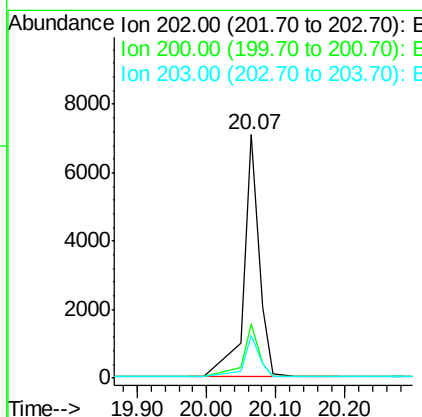
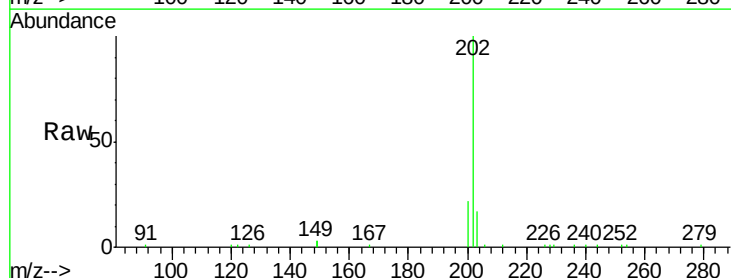
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

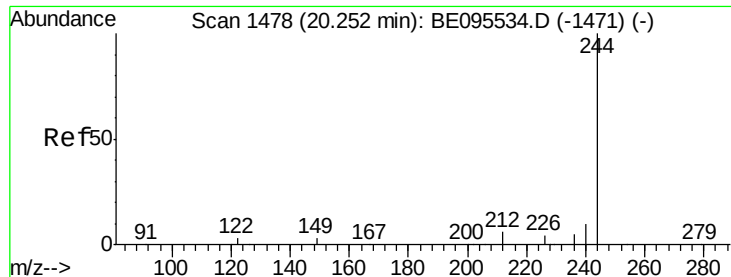
Tot Ion:240 Resp: 6335
 Ion Ratio Lower Upper
 240 100
 120 15.6 5.5 8.3#
 236 28.4 20.7 31.1



#28
 Pyrene
 Concen: 0.380 ng
 RT: 20.07 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BE095534.D
 Acq: 6 Feb 2018 18:03

Tgt Ion:202 Resp: 10170
 Ion Ratio Lower Upper
 202 100
 200 24.5 16.6 25.0
 203 18.2 13.8 20.8





#29

Terphenyl-d14

Concen: 0.426 ng

RT: 20.25 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE095534.D

Acq: 6 Feb 2018 18:03

Instrument :

BNA_E

ClientSampled :

SSTDICCC0.4

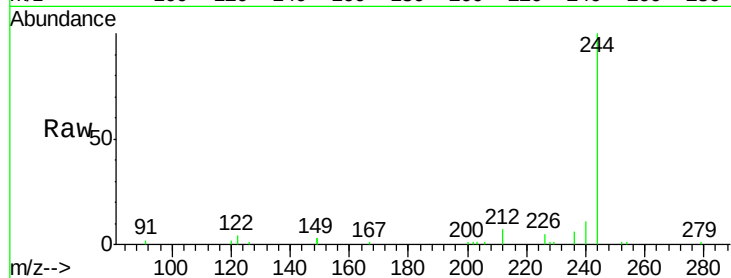
Tot Ion:244 Resp: 5521

Ion Ratio Lower Upper

244 100

212 7.4 25.4 38.0#

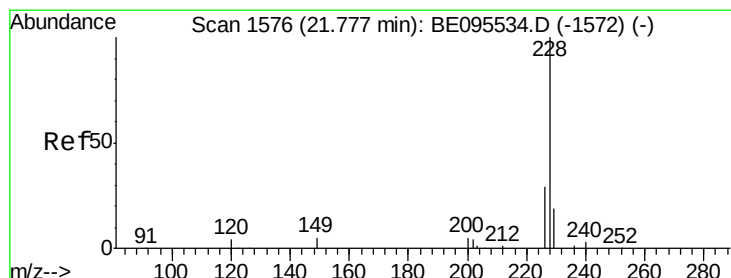
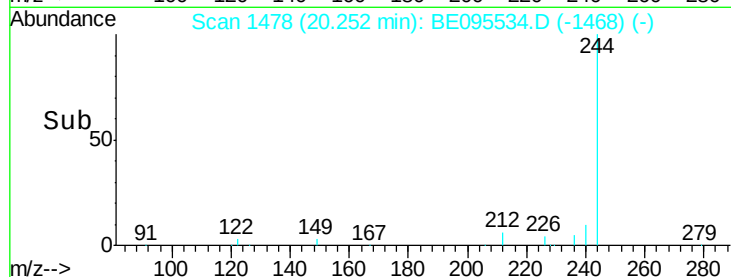
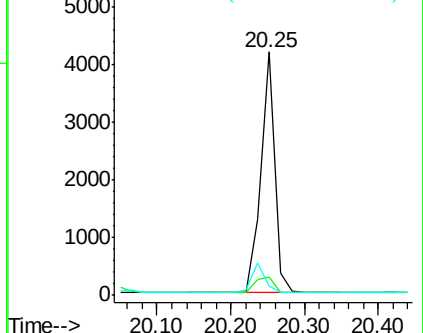
122 3.9 8.1 12.1#



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: 0.430 ng

RT: 21.78 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BE095534.D

Acq: 6 Feb 2018 18:03

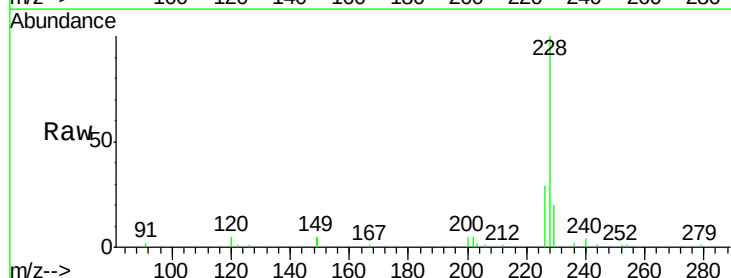
Tgt Ion:228 Resp: 8517

Ion Ratio Lower Upper

228 100

226 29.4 24.0 36.0

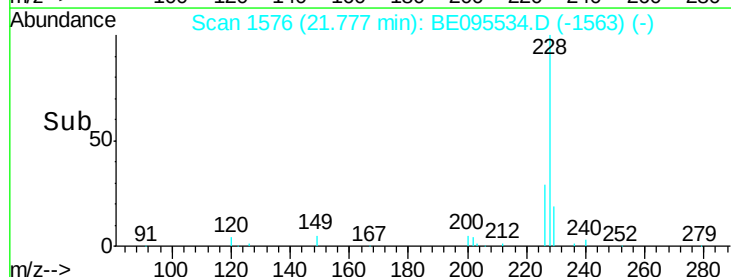
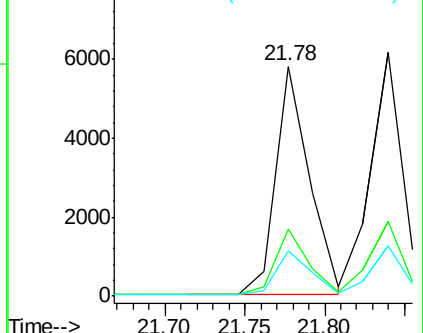
229 19.9 16.0 24.0

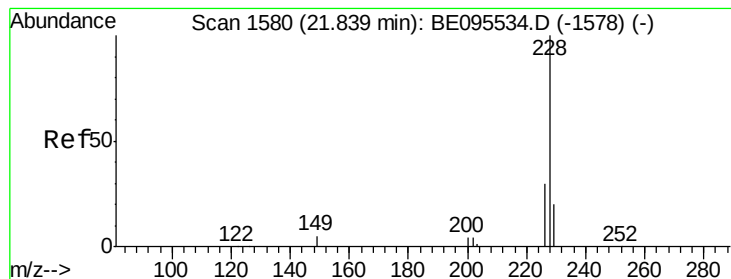


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.422 ng

RT: 21.84 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BE095534.D

Acq: 6 Feb 2018 18:03

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

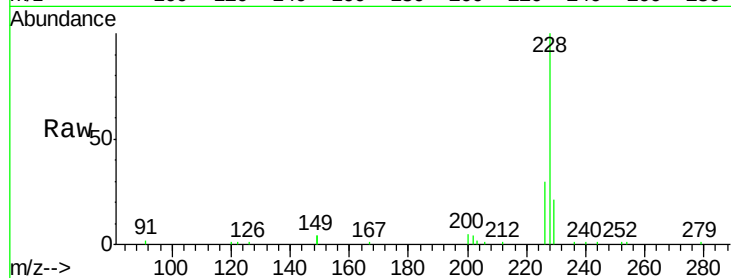
Tot Ion:228 Resp: 8462

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

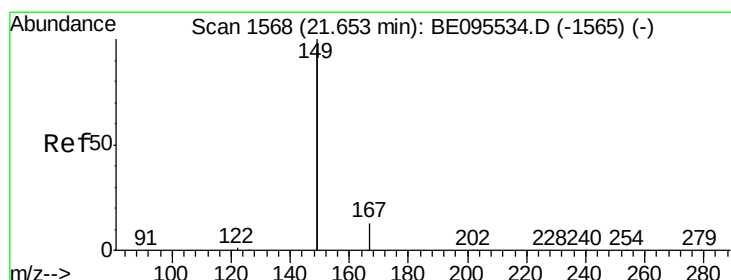
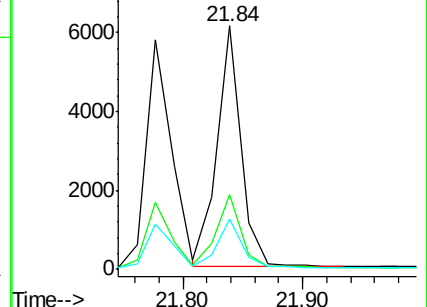
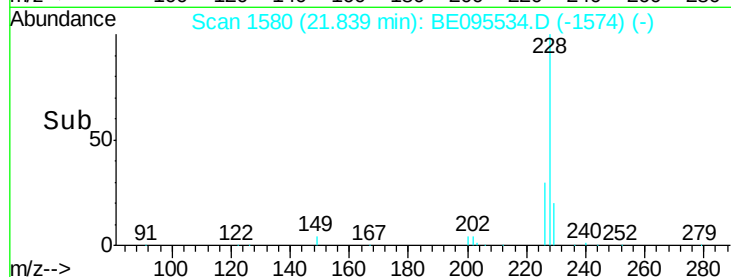
229 20.7 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.669 ng

RT: 21.65 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BE095534.D

Acq: 6 Feb 2018 18:03

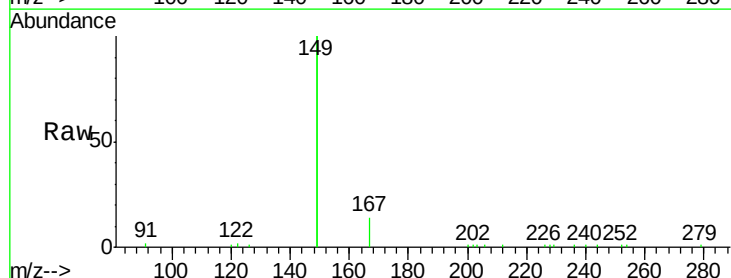
Tgt Ion:149 Resp: 18436

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

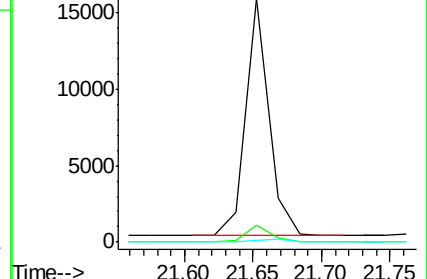
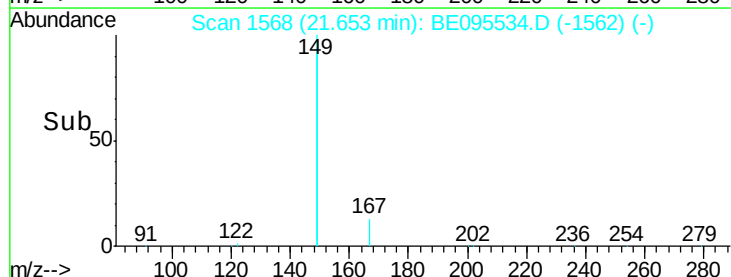
279 0.8 0.7 1.1

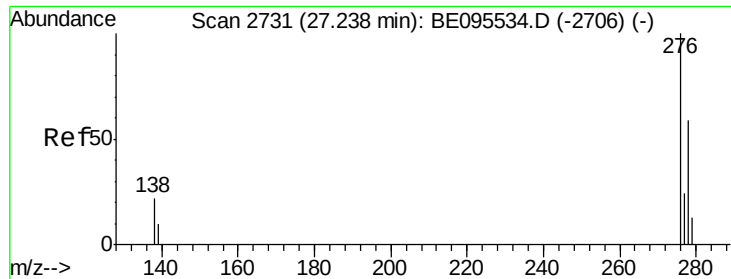


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

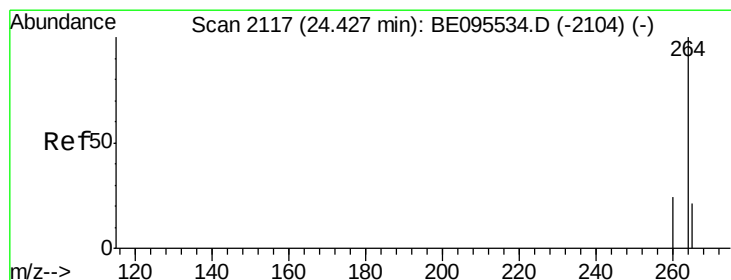
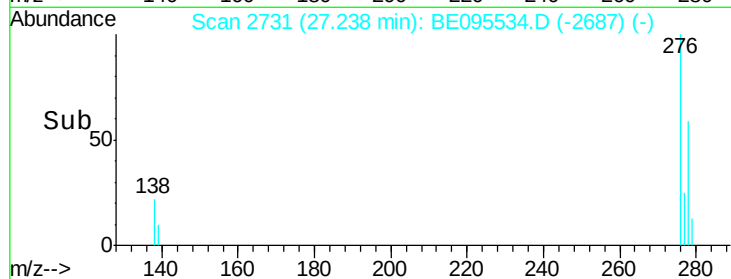
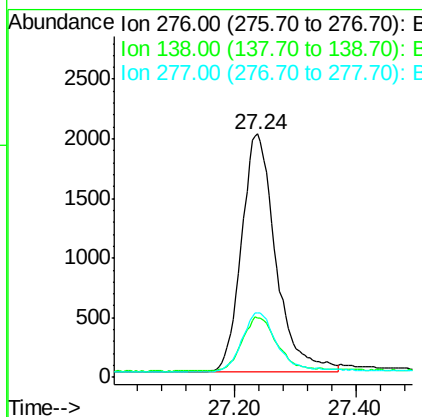
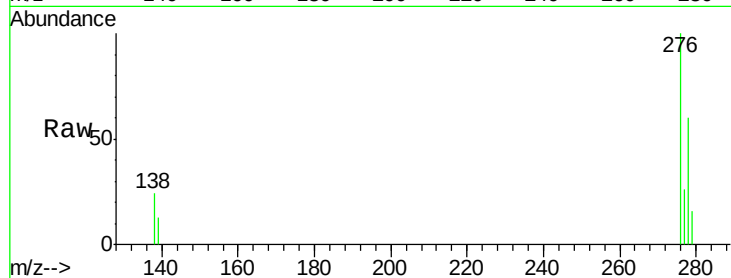




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.429 ng
 RT: 27.24 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: BE095534.D
 Acq: 6 Feb 2018 18:03

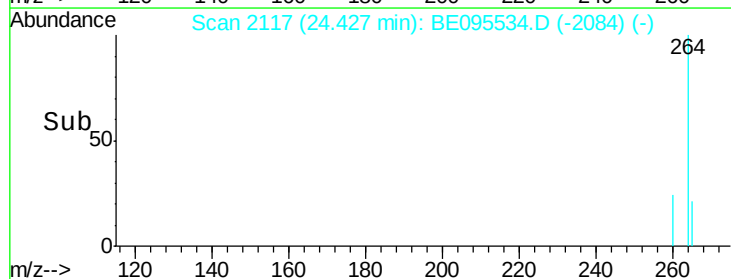
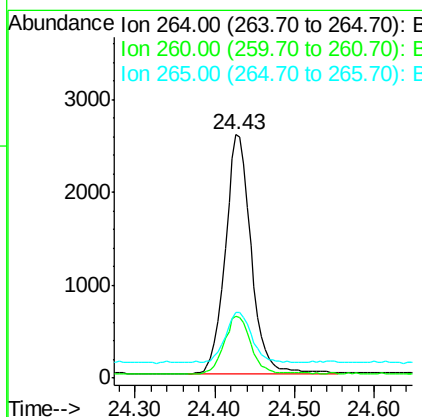
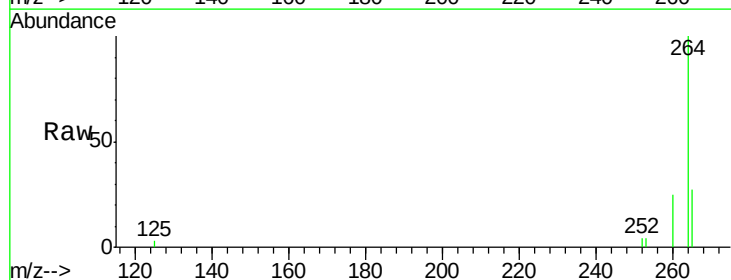
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

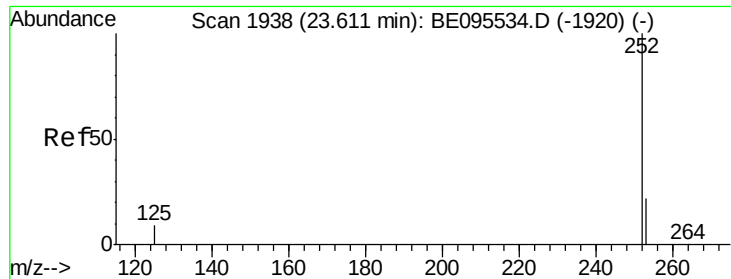
Tot Ion:276 Resp: 7824
 Ion Ratio Lower Upper
 276 100
 138 23.2 22.5 33.7
 277 24.6 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.43 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: BE095534.D
 Acq: 6 Feb 2018 18:03

Tgt Ion:264 Resp: 5803
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.5 30.7
 265 26.8 22.8 34.2

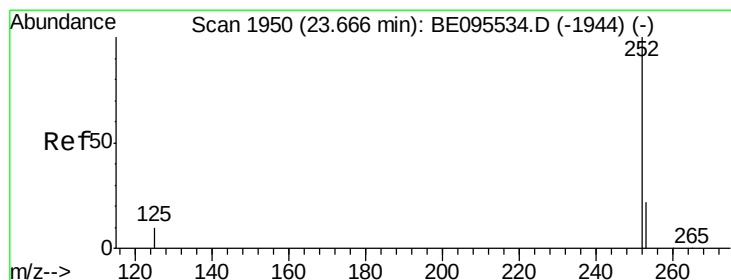
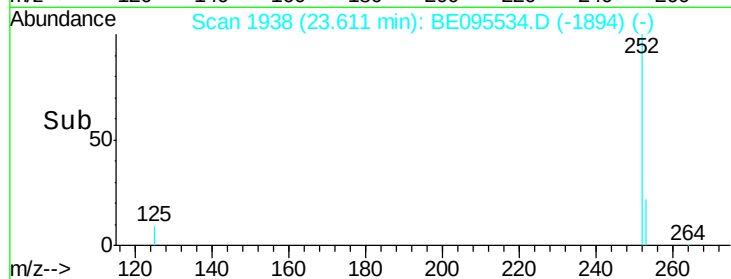
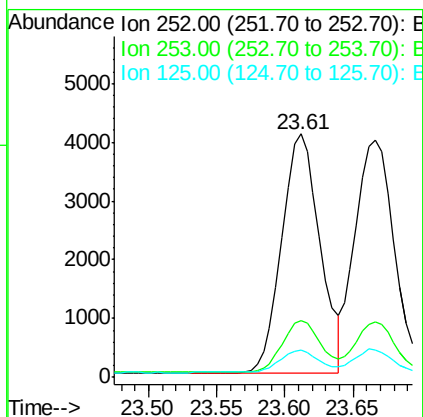
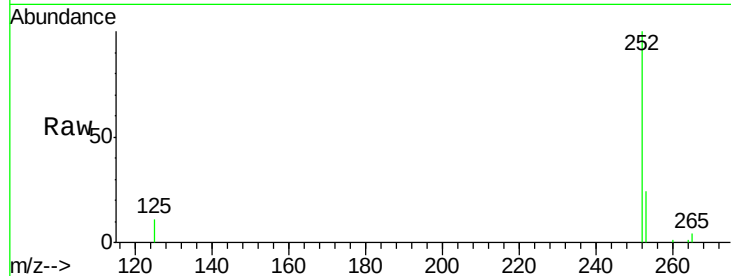




#35
Benzo(b)fluoranthene
Concen: 0.388 ng
RT: 23.61 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

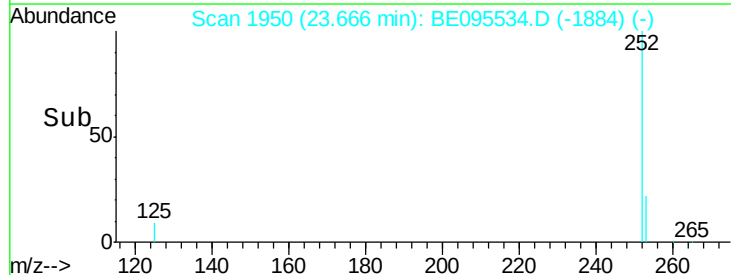
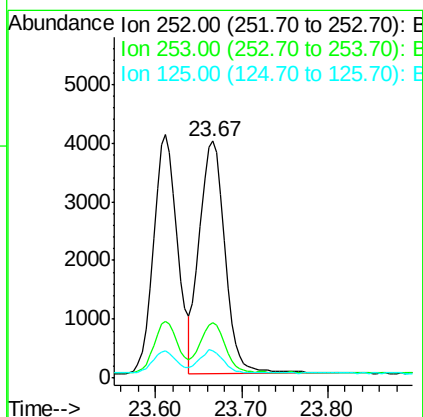
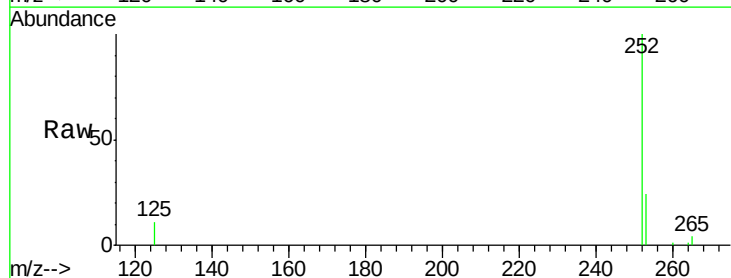
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

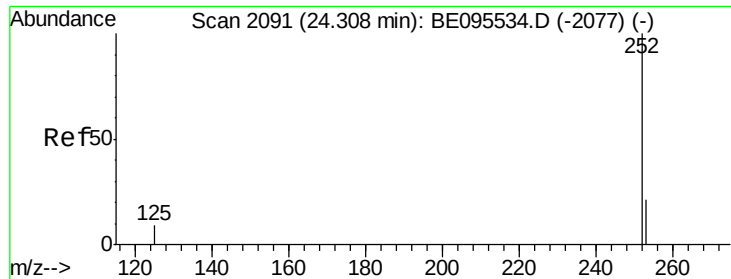
Tot Ion:252 Resp: 7994
Ion Ratio Lower Upper
252 100
253 23.5 20.0 30.0
125 11.3 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.387 ng
RT: 23.67 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Tgt Ion:252 Resp: 8150
Ion Ratio Lower Upper
252 100
253 23.7 16.0 24.0
125 11.4 8.0 12.0

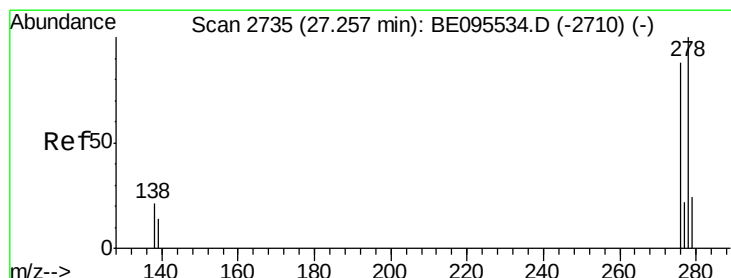
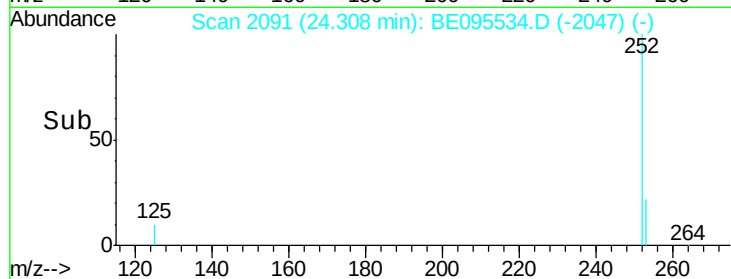
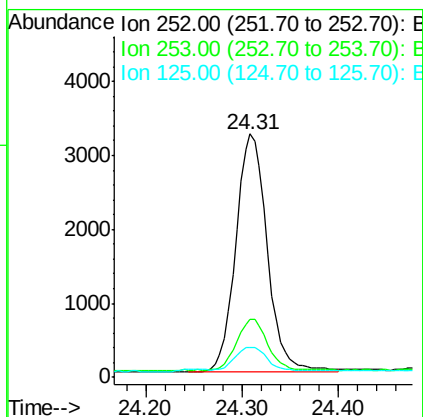
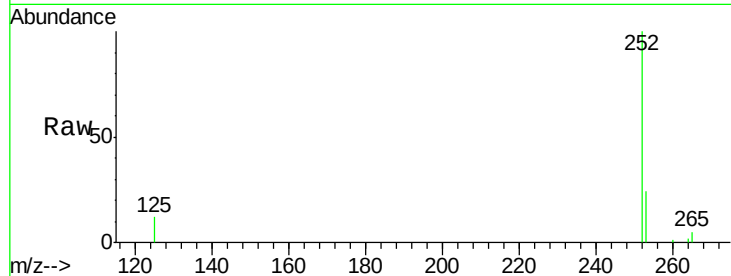




#37
Benzo(a)pyrene
Concen: 0.387 ng
RT: 24.31 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

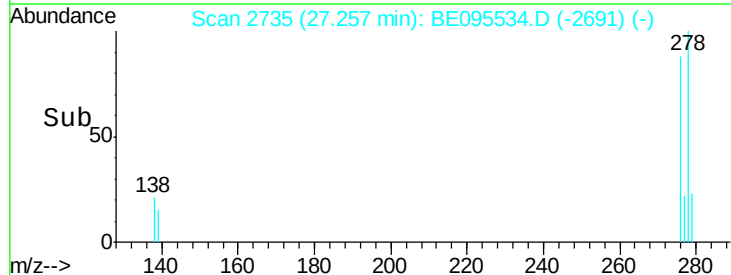
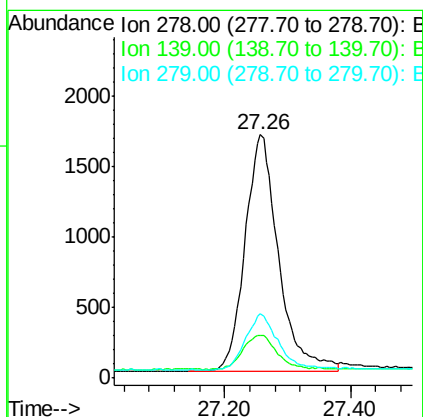
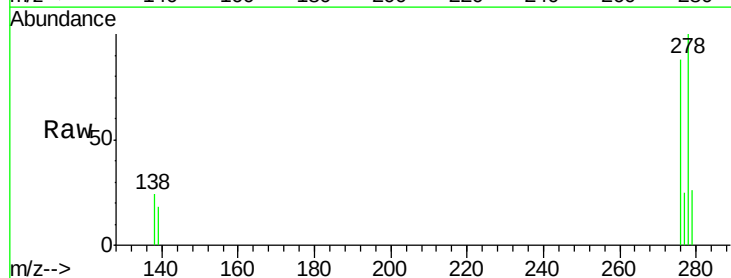
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

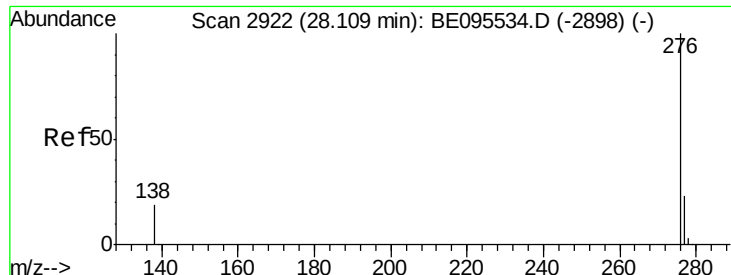
Tot Ion:252 Resp: 7308
Ion Ratio Lower Upper
252 100
253 24.0 16.0 24.0
125 12.5 12.0 18.0



#38
Dibenzo(a,h)anthracene
Concen: 0.393 ng
RT: 27.26 min Scan# 2735
Delta R.T. 0.00 min
Lab File: BE095534.D
Acq: 6 Feb 2018 18:03

Tgt Ion:278 Resp: 6245
Ion Ratio Lower Upper
278 100
139 17.7 16.0 24.0
279 26.4 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 0.402 ng

RT: 28.11 min Scan# 2922

Delta R.T. 0.00 min

Lab File: BE095534.D

Acq: 6 Feb 2018 18:03

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

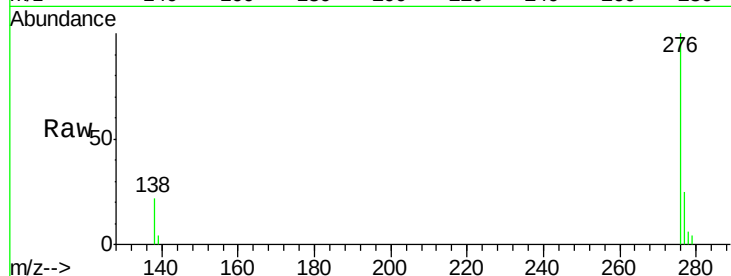
Tot Ion:276 Resp: 6916

Ion Ratio Lower Upper

276 100

277 25.3 16.0 24.0#

138 22.1 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

