

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020618\
 Data File : BE095538.D
 Acq On : 6 Feb 2018 20:27
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE020618

Quant Time: Feb 06 21:03:20 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 20:27:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1141	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	4393	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2588	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	6151	0.40	ng	0.00
27) Chrysene-d12	21.81	240	6424	0.40	ng	0.01
34) Perylene-d12	24.43	264	5636	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	1345	0.39	ng	0.00
5) Phenol-d6	7.56	99	1814	0.38	ng	0.00
8) Nitrobenzene-d5	9.61	82	1808	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	2951	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	400	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.65	172	4486	0.40	ng	0.00
25) Fluoranthene-d10	19.69	212	31608	0.39	ng	0.00
29) Terphenyl-d14	20.25	244	5385	0.39	ng	0.00

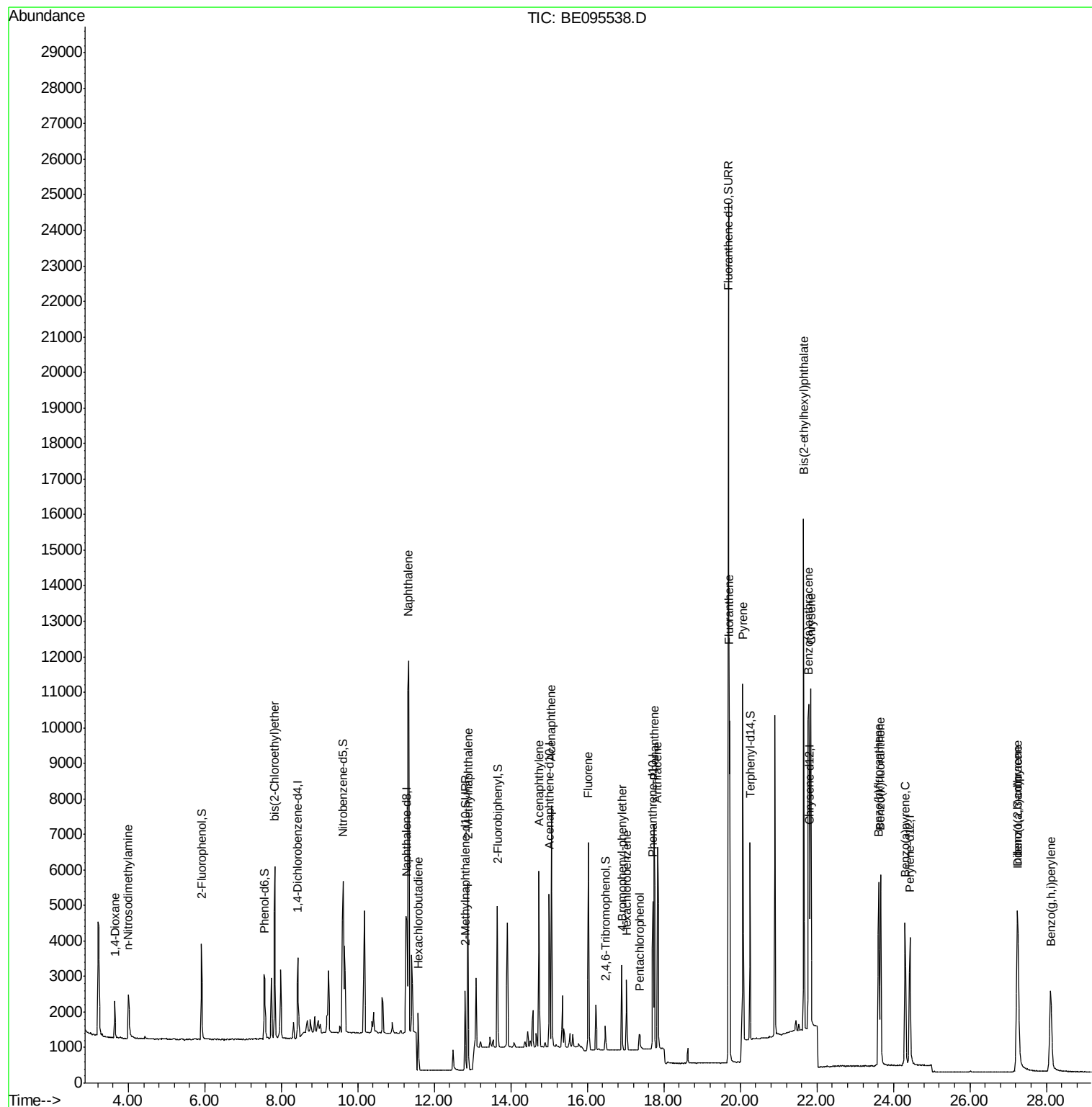
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.65	88	751	0.398	ng	# 92
3) n-Nitrosodimethylamine	4.00	42	933	0.393	ng	# 85
6) bis(2-Chloroethyl)ether	7.83	93	1764	0.402	ng	91
9) Naphthalene	11.33	128	20816	0.408	ng	100
10) Hexachlorobutadiene	11.58	225	1187	0.433	ng	92
12) 2-Methylnaphthalene	12.88	142	3517	0.406	ng	96
16) Acenaphthylene	14.74	152	5680	0.385	ng	99
17) Acenaphthene	15.06	154	3600	0.392	ng	95
18) Fluorene	16.02	166	4504	0.391	ng	# 77
20) 4-Bromophenyl-phenylether	16.91	248	1410	0.381	ng	# 67
21) Hexachlorobenzene	17.03	284	1533	0.402	ng	# 82
22) Pentachlorophenol	17.37	266	321	0.366	ng	# 80
23) Phenanthrene	17.74	178	7502	0.397	ng	99
24) Anthracene	17.83	178	6806	0.386	ng	96
26) Fluoranthene	19.71	202	9403	0.395	ng	98
28) Pyrene	20.06	202	10542	0.391	ng	98
30) Benzo(a)anthracene	21.78	228	8146	0.380	ng	98
31) Chrysene	21.84	228	8245	0.391	ng	99
32) Bis(2-ethylhexyl)phthalate	21.65	149	16236	0.329	ng	100
33) Indeno(1,2,3-cd)pyrene	27.23	276	7647	0.375	ng	# 94
35) Benzo(b)fluoranthene	23.61	252	7758	0.404	ng	# 90
36) Benzo(k)fluoranthene	23.67	252	8022	0.406	ng	93
37) Benzo(a)pyrene	24.31	252	7043	0.394	ng	# 93
38) Dibenzo(a,h)anthracene	27.26	278	6141	0.392	ng	98
39) Benzo(g,h,i)perylene	28.11	276	6579	0.391	ng	# 92

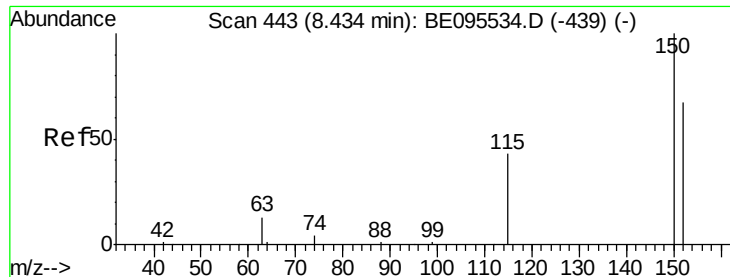
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE095538.D

Acq: 6 Feb 2018 20:27

Instrument :

BNA_E

ClientSampleId :

ICVBE020618

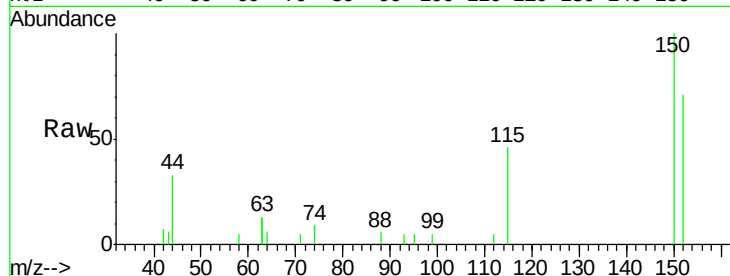
Tot Ion:152 Resp: 1141

Ion Ratio Lower Upper

152 100

150 141.7 117.2 175.8

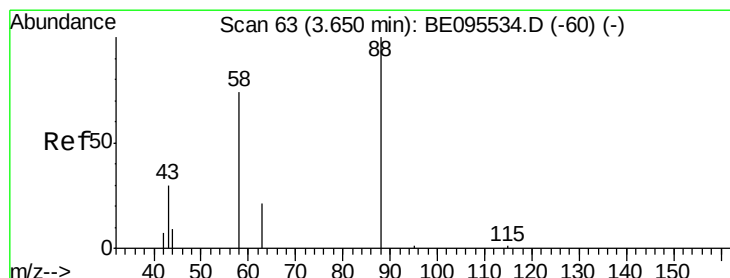
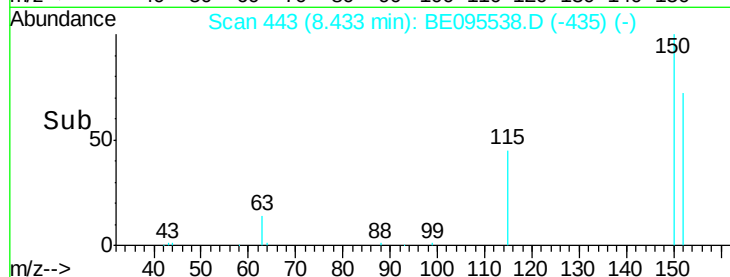
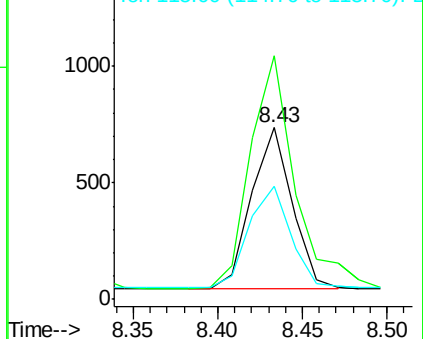
115 65.5 57.0 85.6



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: 0.398 ng

RT: 3.65 min Scan# 63

Delta R.T. -0.00 min

Lab File: BE095538.D

Acq: 6 Feb 2018 20:27

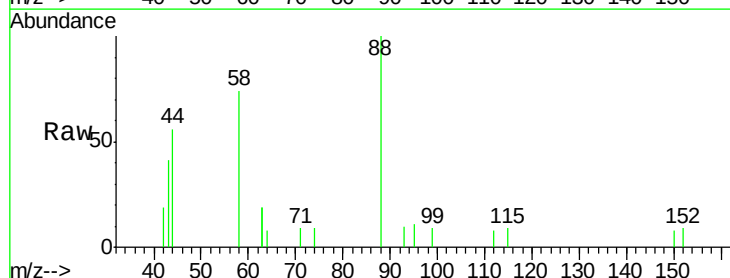
Tgt Ion: 88 Resp: 751

Ion Ratio Lower Upper

88 100

58 80.8 63.2 94.8

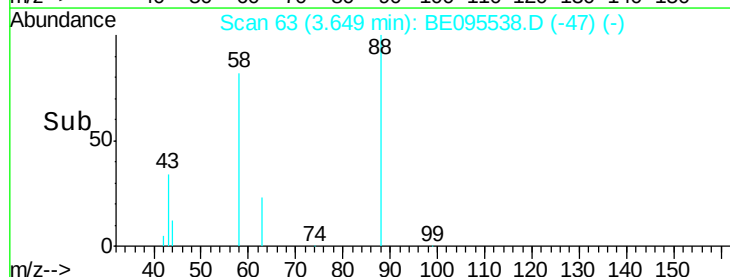
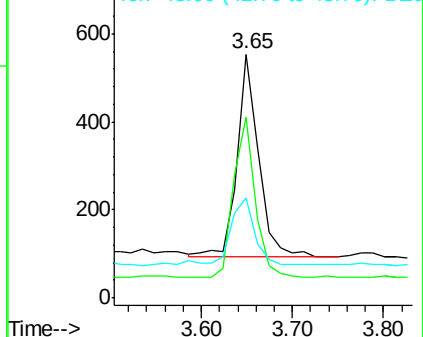
43 39.5 41.2 61.8#

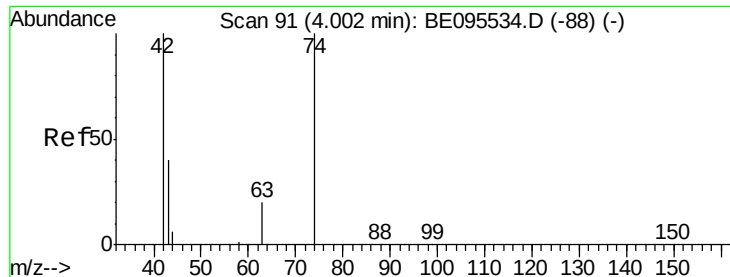


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.393 ng

RT: 4.00 min Scan# 91

Delta R.T. -0.00 min

Lab File: BE095538.D

Acq: 6 Feb 2018 20:27

Instrument :

BNA_E

ClientSampleId :

ICVBE020618

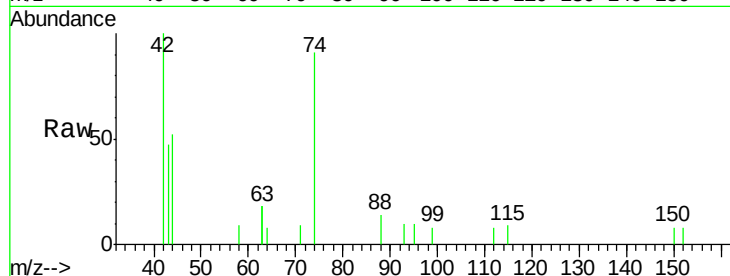
Tot Ion: 42 Resp: 933

Ion Ratio Lower Upper

42 100

74 102.7 96.0 144.0

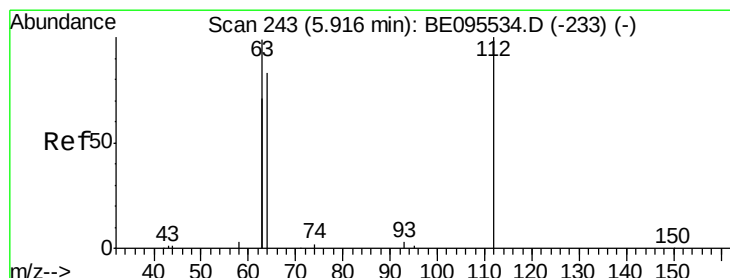
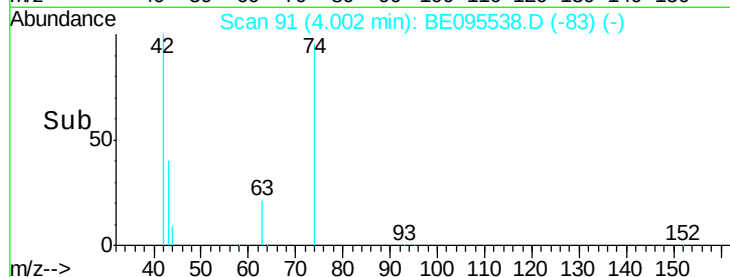
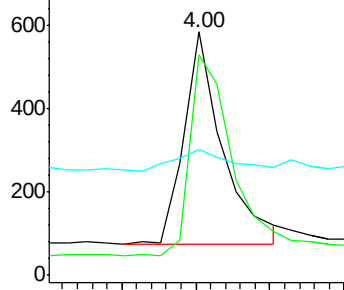
44 11.8 12.0 18.0#



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: 0.391 ng

RT: 5.92 min Scan# 243

Delta R.T. -0.00 min

Lab File: BE095538.D

Acq: 6 Feb 2018 20:27

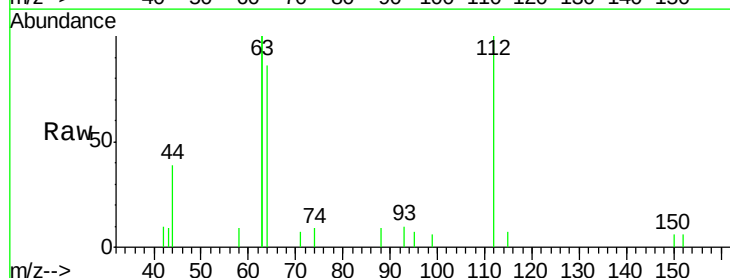
Tgt Ion: 112 Resp: 1345

Ion Ratio Lower Upper

112 100

64 75.5 60.1 90.1

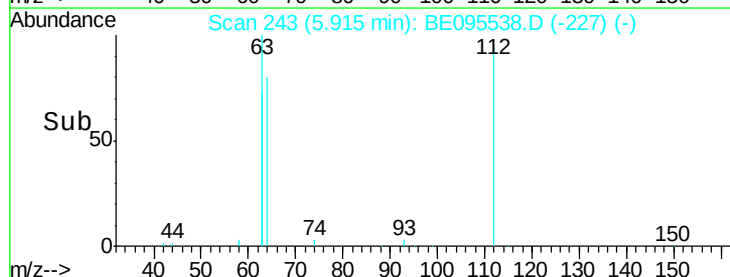
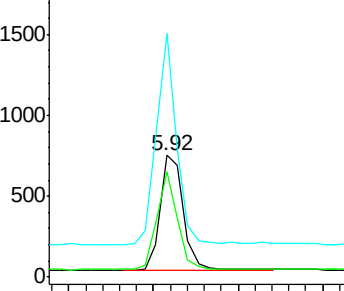
63 162.2 116.8 175.2

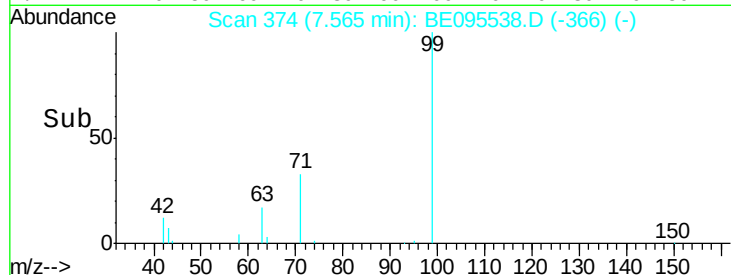
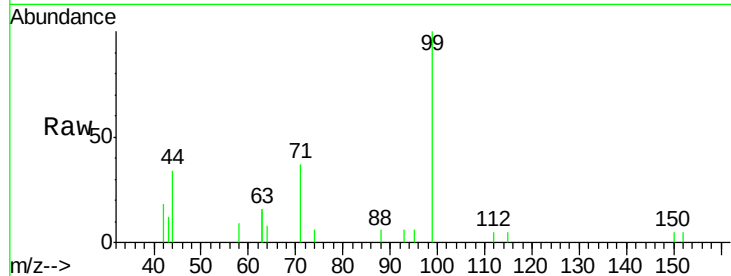
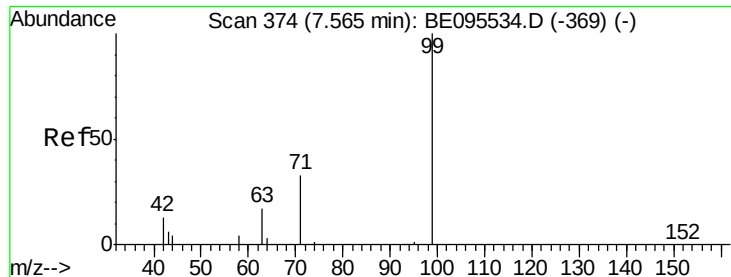


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.381 ng

RT: 7.56 min Scan# 374

Delta R.T. -0.00 min

Lab File: BE095538.D

Acq: 6 Feb 2018 20:27

Instrument :

BNA_E

ClientSampleId :

ICVBE020618

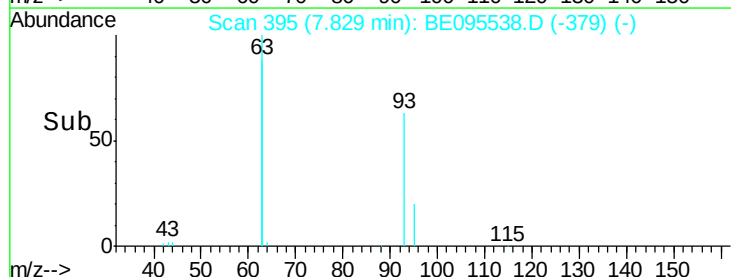
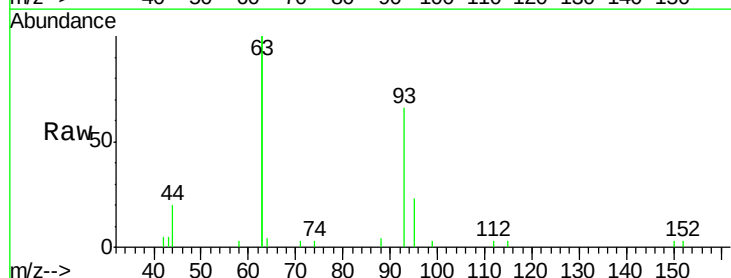
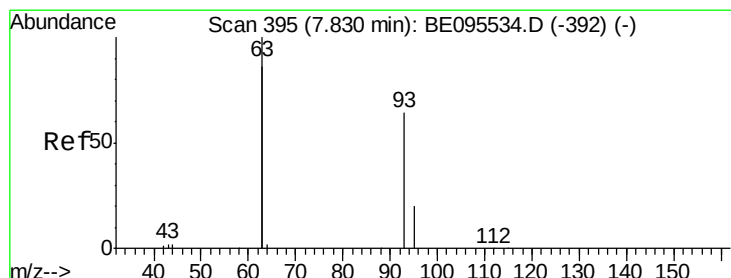
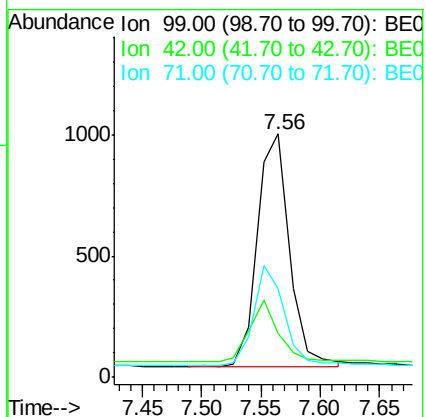
Tot Ion: 99 Resp: 1814

Ion Ratio Lower Upper

99 100

42 24.6 20.2 30.2

71 41.0 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.402 ng

RT: 7.83 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE095538.D

Acq: 6 Feb 2018 20:27

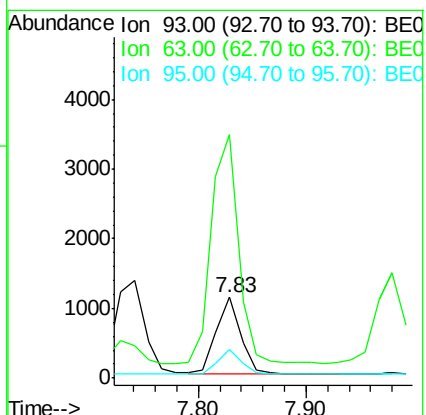
Tgt Ion: 93 Resp: 1764

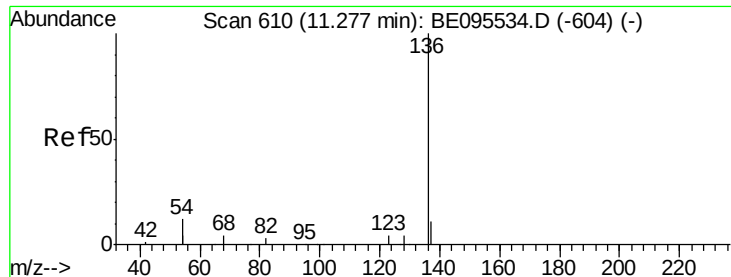
Ion Ratio Lower Upper

93 100

63 323.2 275.3 412.9

95 31.1 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: BE095538.D

Acq: 6 Feb 2018 20:27

Instrument :

BNA_E

ClientSampleId :

ICVBE020618

Tot Ion:136 Resp: 4393

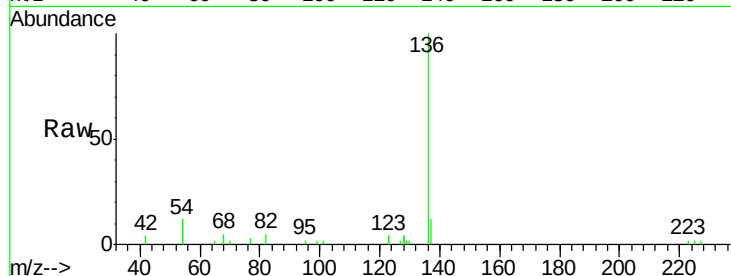
Ion Ratio Lower Upper

136 100

137 12.5 9.5 14.3

54 24.0 29.1 43.7#

68 5.3 6.2 9.2#

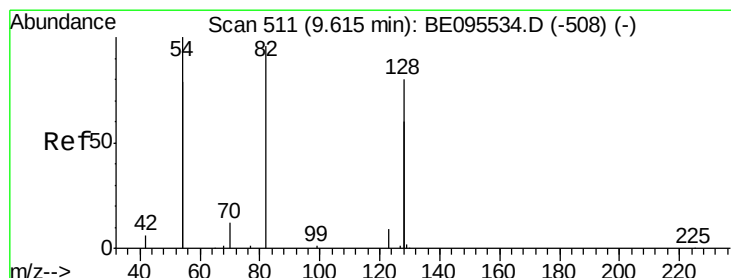
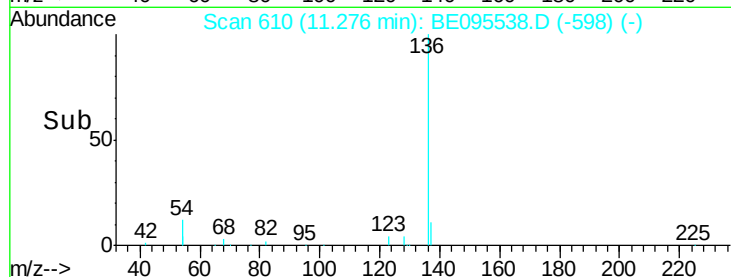
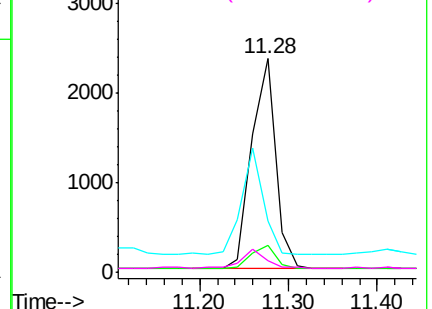


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.388 ng

RT: 9.61 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE095538.D

Acq: 6 Feb 2018 20:27

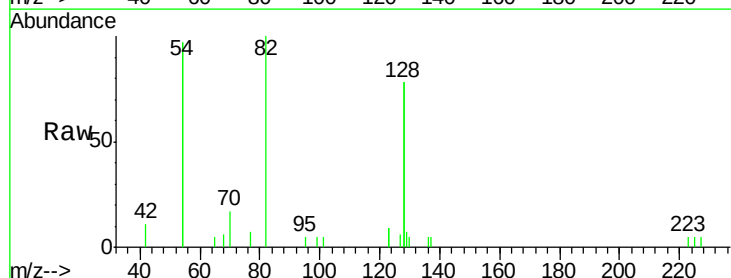
Tgt Ion: 82 Resp: 1808

Ion Ratio Lower Upper

82 100

128 155.9 150.0 225.0

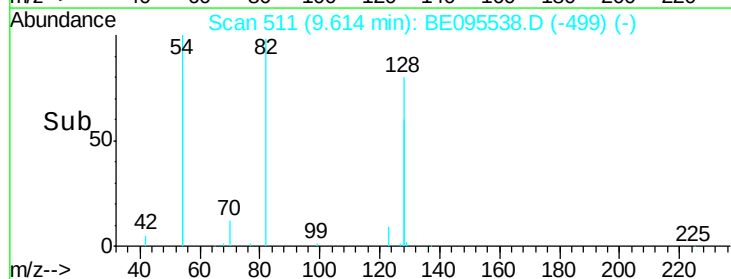
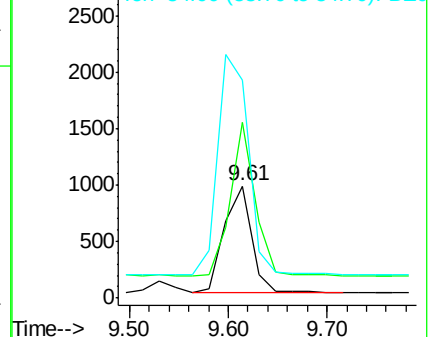
54 194.6 154.2 231.4

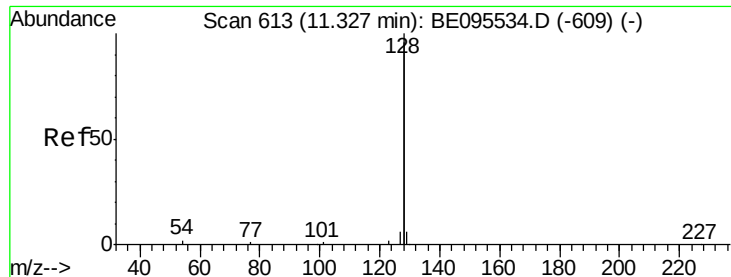


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.408 ng

RT: 11.33 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE095538.D

Acq: 6 Feb 2018 20:27

Instrument :

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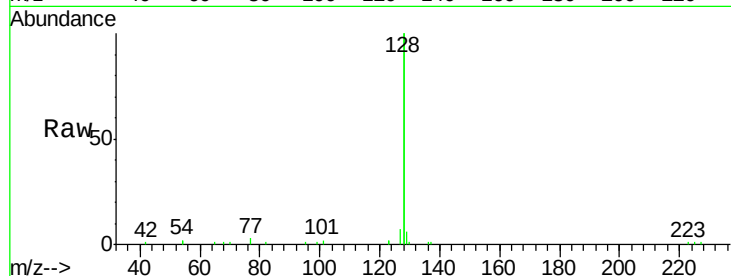
Tot Ion:128 Resp: 20816

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

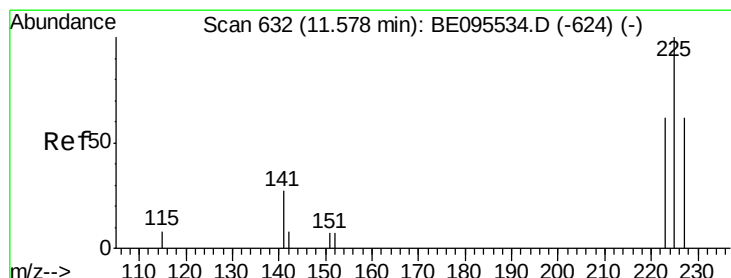
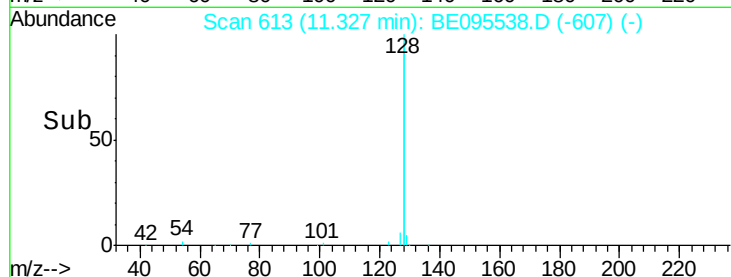
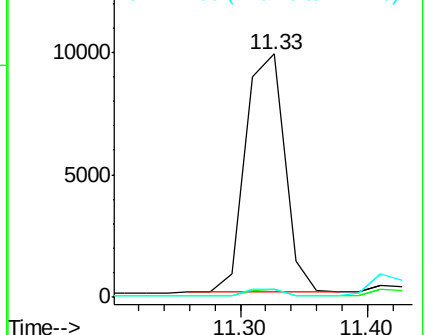
127 3.5 2.8 4.2



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: 0.433 ng

RT: 11.58 min Scan# 632

Delta R.T. -0.00 min

Lab File: BE095538.D

Acq: 6 Feb 2018 20:27

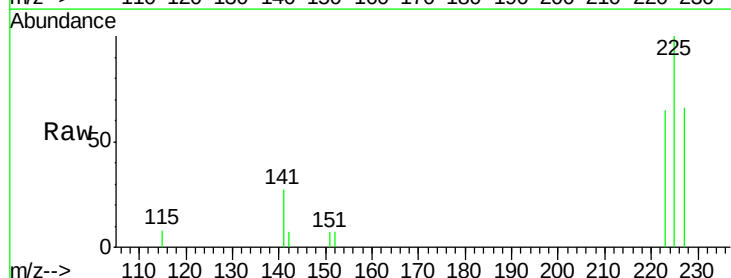
Tgt Ion:225 Resp: 1187

Ion Ratio Lower Upper

225 100

223 54.5 53.0 79.6

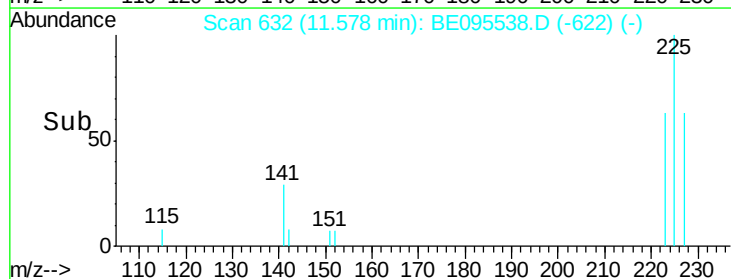
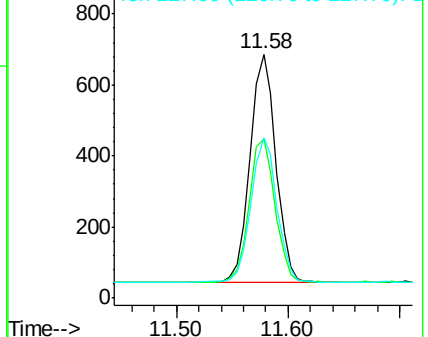
227 64.0 51.4 77.2

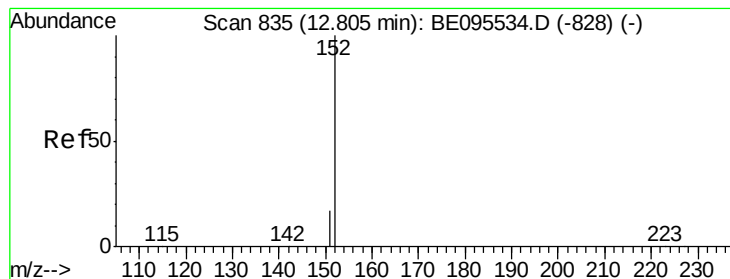


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.406 ng

RT: 12.80 min Scan# 835

Delta R.T. -0.00 min

Lab File: BE095538.D

Acq: 6 Feb 2018 20:27

Instrument :

BNA_E

ClientSampleId :

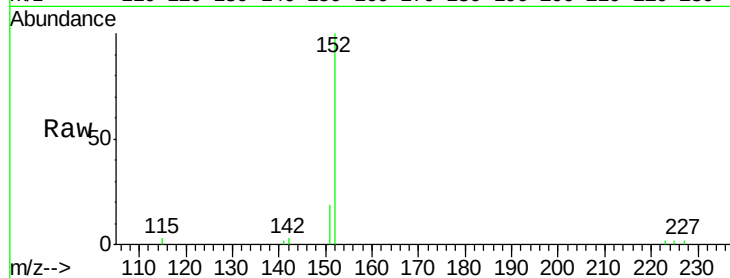
ICVBE020618

Tot Ion:152 Resp: 2951

Ion Ratio Lower Upper

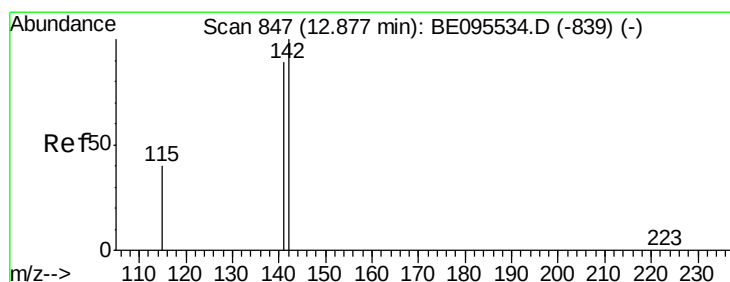
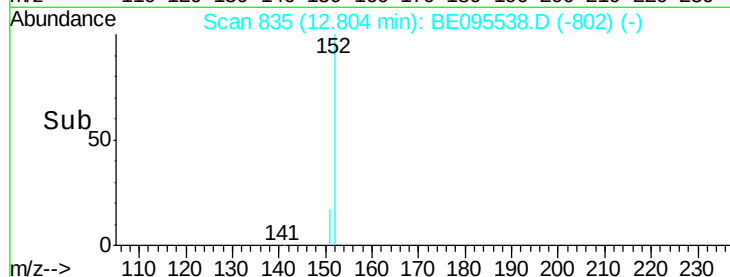
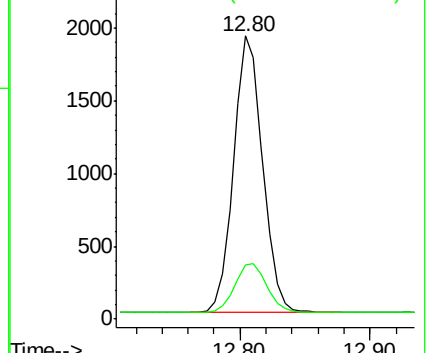
152 100

151 19.8 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: 0.406 ng

RT: 12.88 min Scan# 847

Delta R.T. -0.00 min

Lab File: BE095538.D

Acq: 6 Feb 2018 20:27

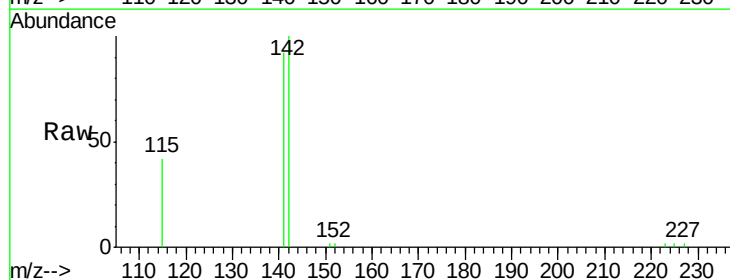
Tgt Ion:142 Resp: 3517

Ion Ratio Lower Upper

142 100

141 91.6 70.4 105.6

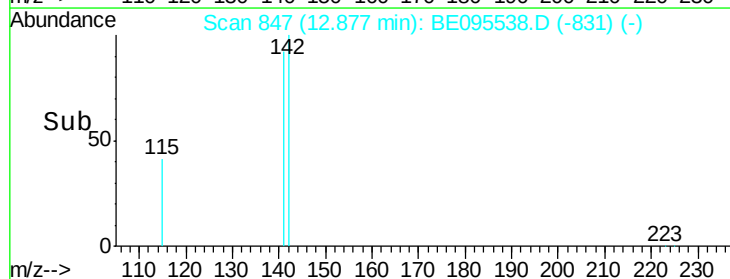
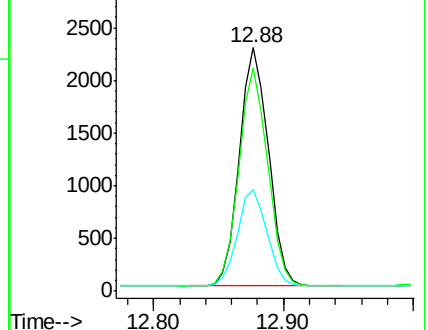
115 41.9 31.7 47.5

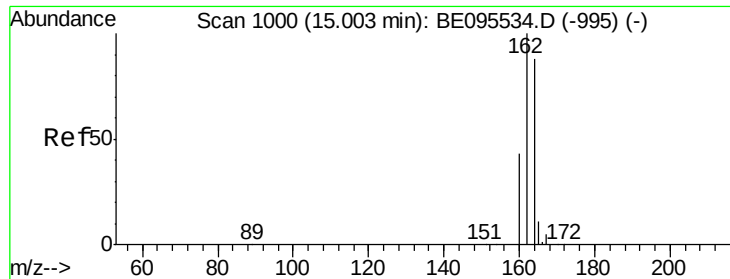


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

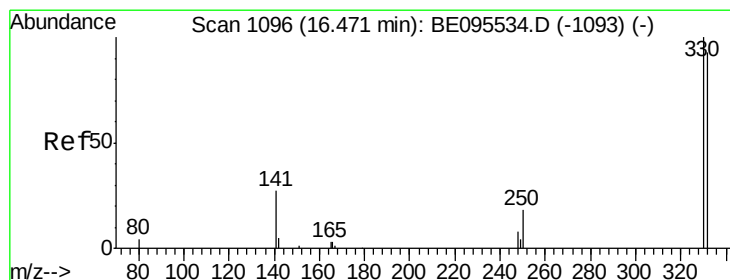
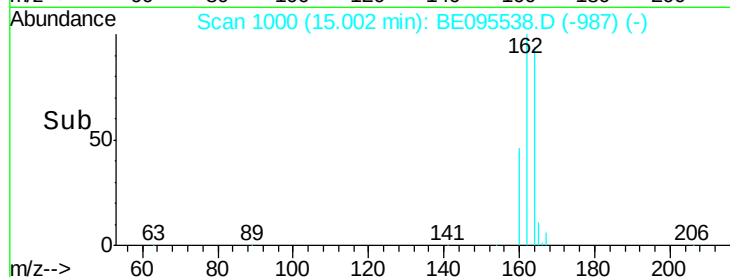
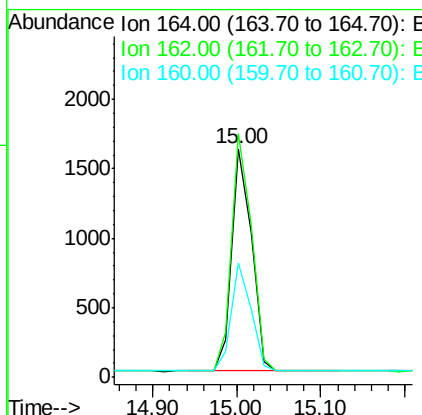
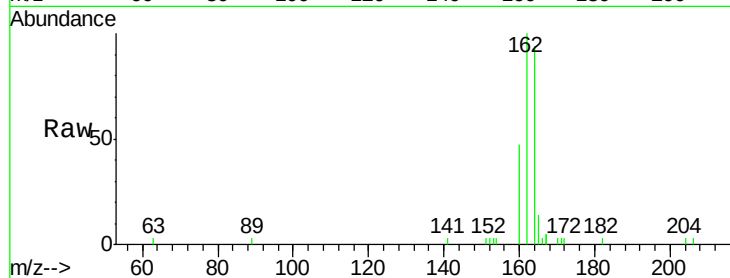




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.00 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: BE095538.D
 Acq: 6 Feb 2018 20:27

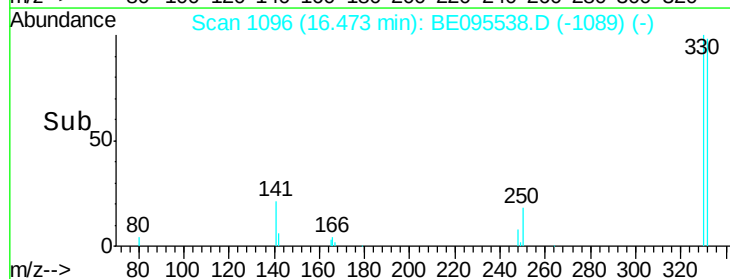
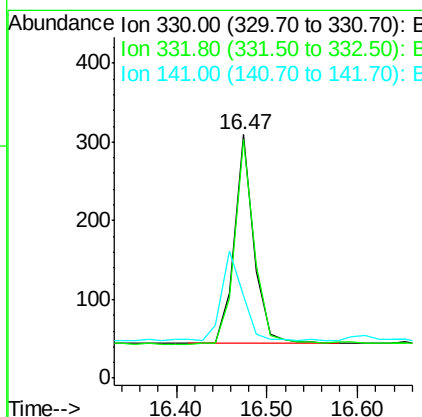
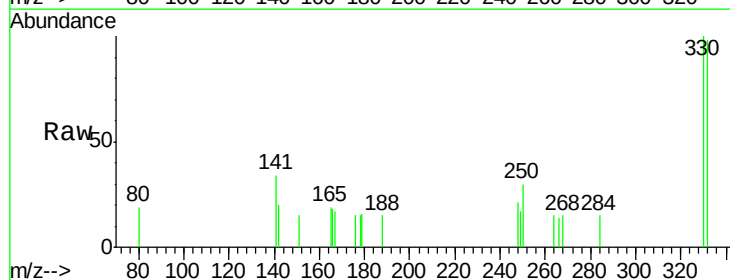
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE020618

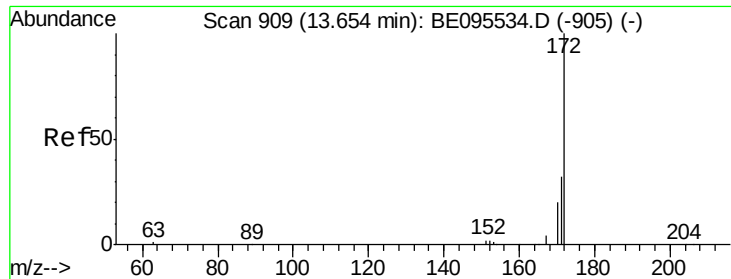
Tot Ion:164 Resp: 2588
 Ion Ratio Lower Upper
 164 100
 162 106.4 83.1 124.7
 160 50.2 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.339 ng
 RT: 16.47 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BE095538.D
 Acq: 6 Feb 2018 20:27

Tgt Ion:330 Resp: 400
 Ion Ratio Lower Upper
 330 100
 332 100.5 152.7 229.1#
 141 45.3 33.7 50.5

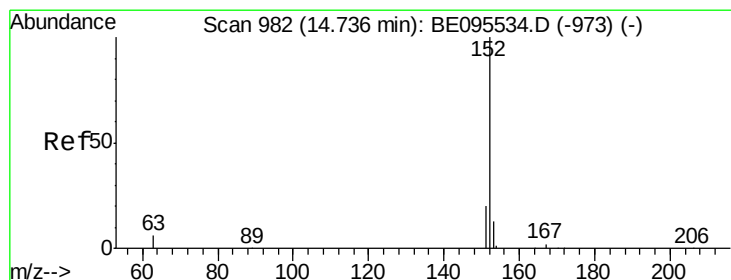
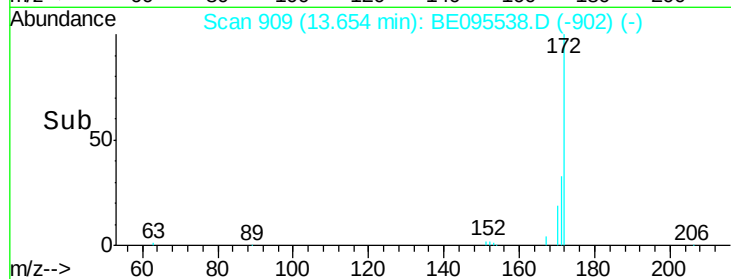
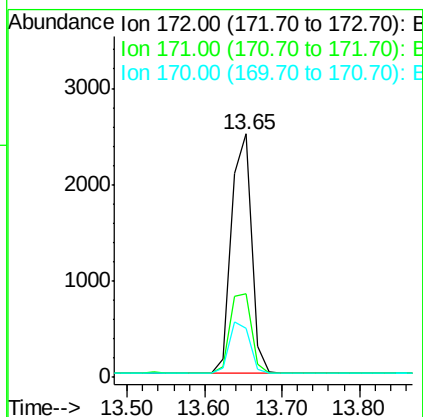
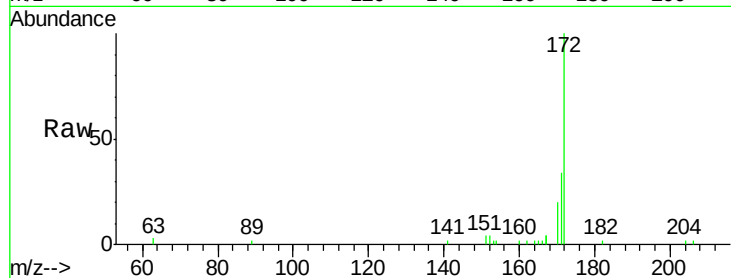




#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 13.65 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE095538.D
Acq: 6 Feb 2018 20:27

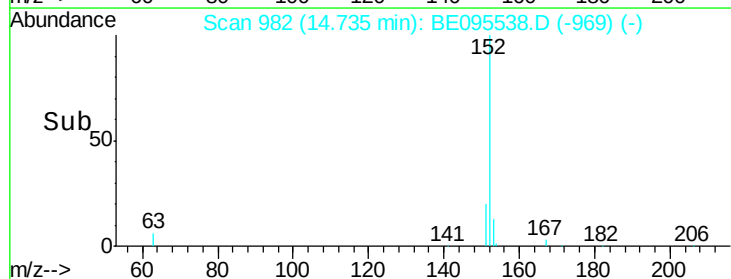
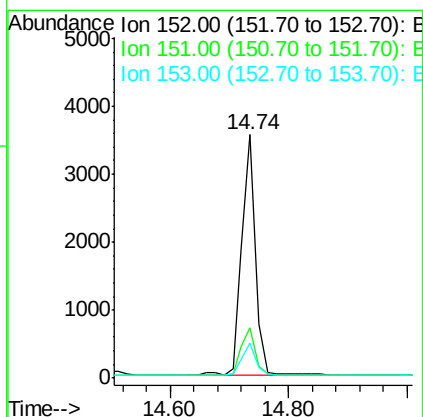
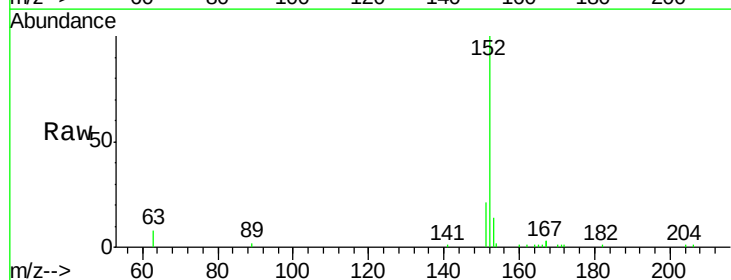
Instrument :
BNA_E
ClientSampleId :
ICVBE020618

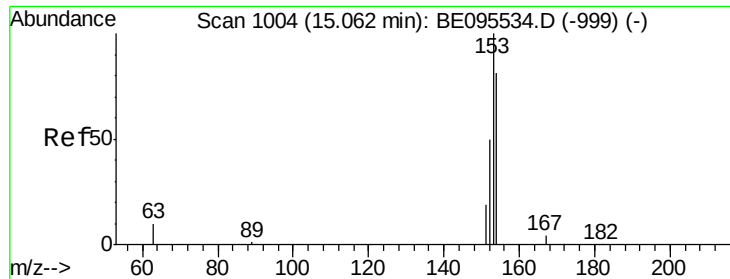
Tot Ion:172 Resp: 4486
Ion Ratio Lower Upper
172 100
171 34.3 29.9 44.9
170 20.2 21.8 32.8#



#16
Acenaphthylene
Concen: 0.385 ng
RT: 14.74 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE095538.D
Acq: 6 Feb 2018 20:27

Tgt Ion:152 Resp: 5680
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 13.4 10.5 15.7

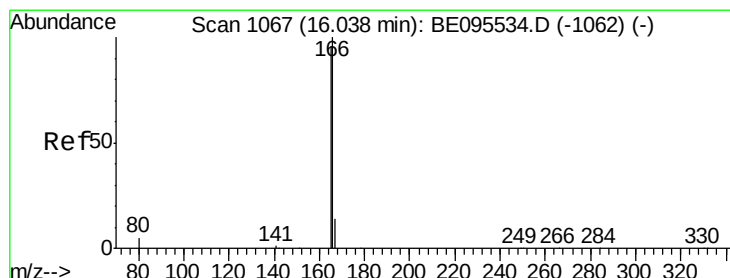
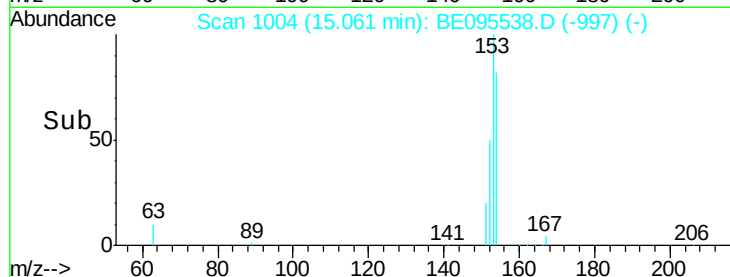
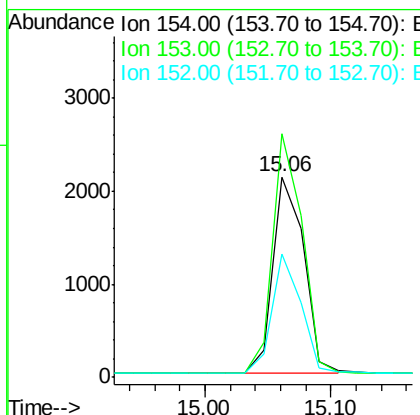
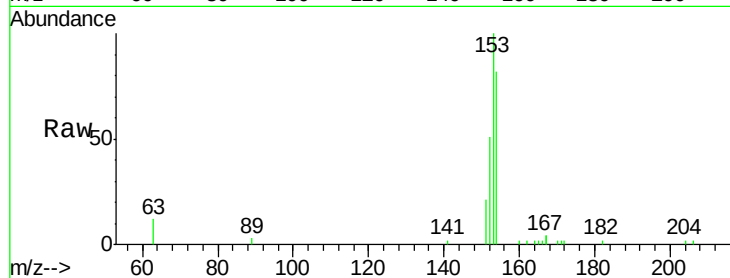




#17
Acenaphthene
Concen: 0.392 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE095538.D
Acq: 6 Feb 2018 20:27

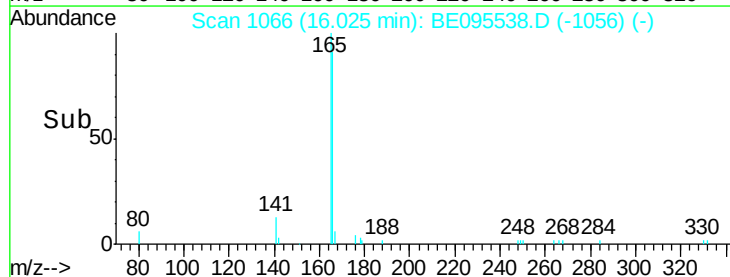
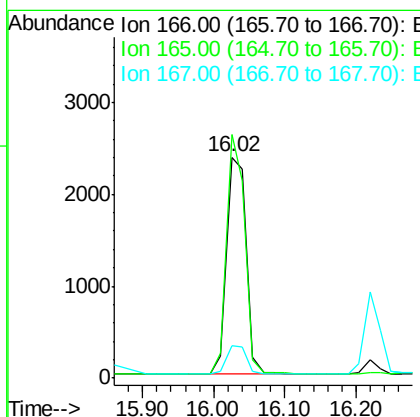
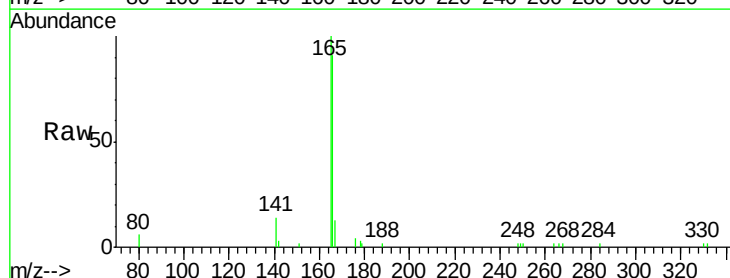
Instrument :
BNA_E
ClientSampleId :
ICVBE020618

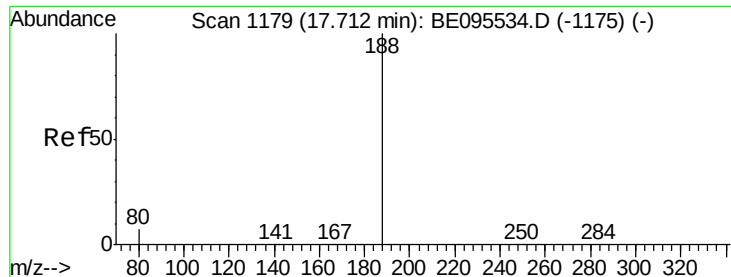
Tot Ion:154 Resp: 3600
Ion Ratio Lower Upper
154 100
153 116.4 89.2 133.8
152 56.6 42.0 63.0



#18
Fluorene
Concen: 0.391 ng
RT: 16.02 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE095538.D
Acq: 6 Feb 2018 20:27

Tgt Ion:166 Resp: 4504
Ion Ratio Lower Upper
166 100
165 102.0 77.8 116.6
167 13.6 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.71 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BE095538.D

Acq: 6 Feb 2018 20:27

Instrument :

BNA_E

ClientSampleId :

ICVBE020618

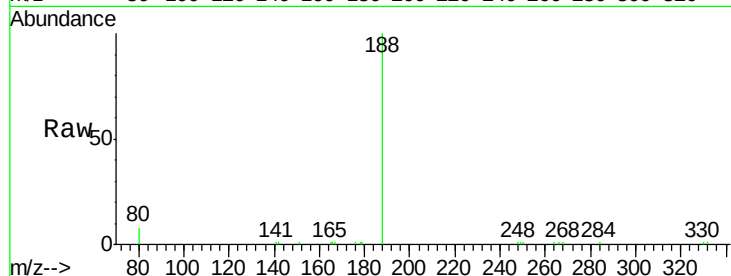
Tot Ion:188 Resp: 6151

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

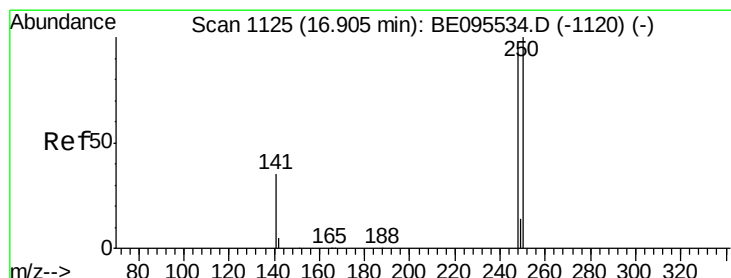
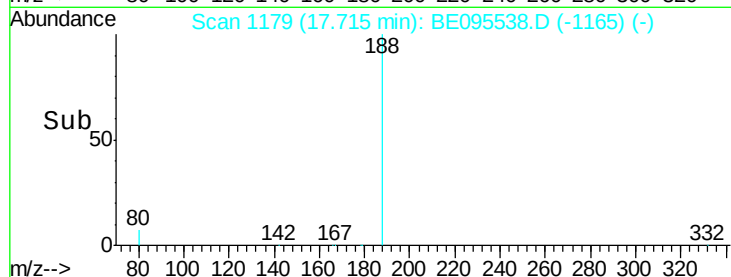
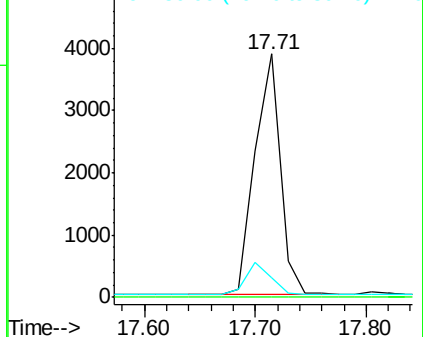
80 7.8 3.6 5.4#



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: 0.381 ng

RT: 16.91 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BE095538.D

Acq: 6 Feb 2018 20:27

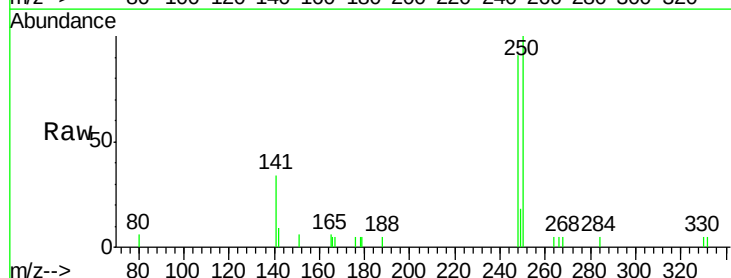
Tgt Ion:248 Resp: 1410

Ion Ratio Lower Upper

248 100

250 109.7 62.7 94.1#

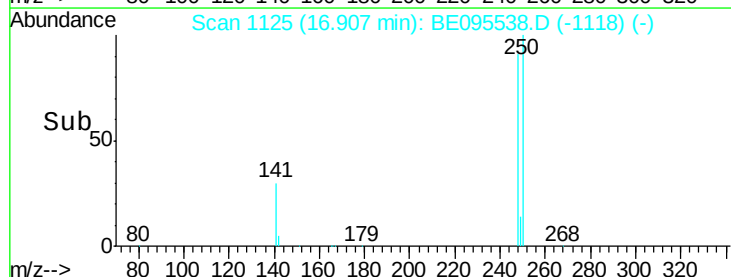
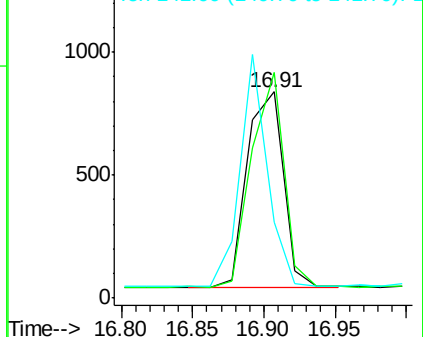
141 37.2 48.2 72.2#

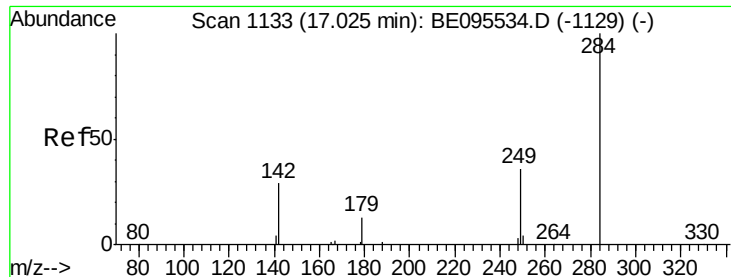


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.402 ng

RT: 17.03 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BE095538.D

Acq: 6 Feb 2018 20:27

Instrument :

BNA_E

ClientSampleId :

ICVBE020618

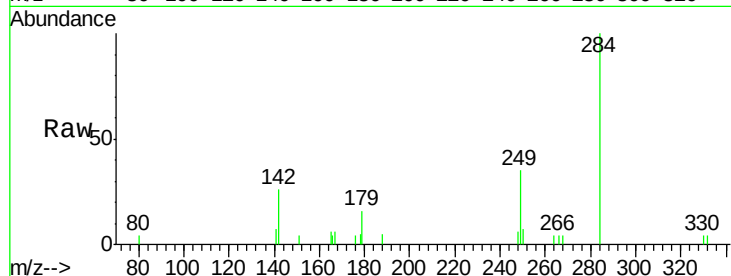
Tot Ion:284 Resp: 1533

Ion Ratio Lower Upper

284 100

142 41.5 22.1 33.1#

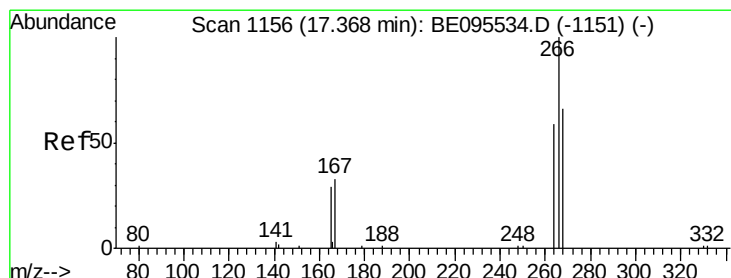
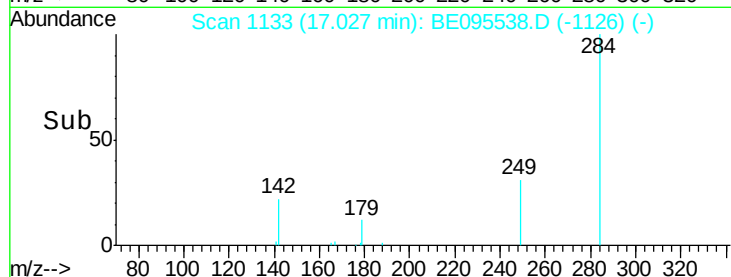
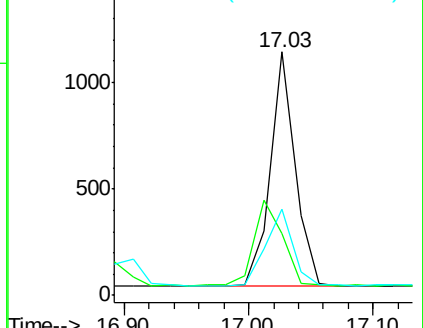
249 35.3 34.8 52.2



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: 0.366 ng

RT: 17.37 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BE095538.D

Acq: 6 Feb 2018 20:27

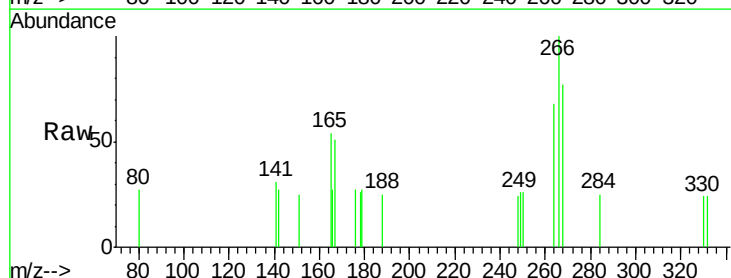
Tgt Ion:266 Resp: 321

Ion Ratio Lower Upper

266 100

264 68.1 72.5 108.7#

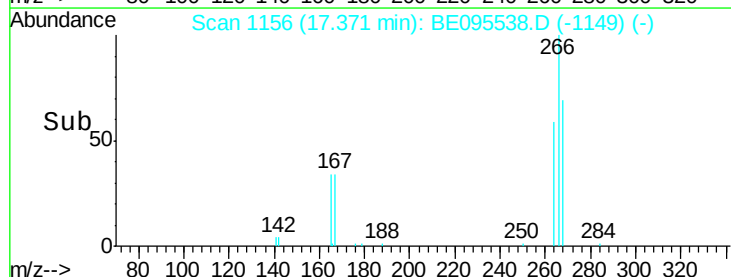
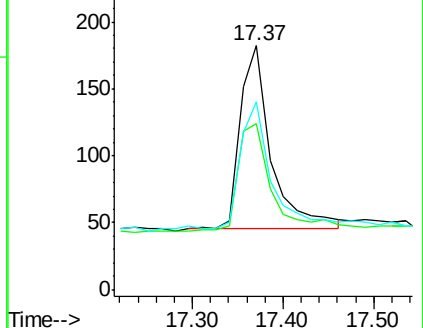
268 76.9 73.8 110.6

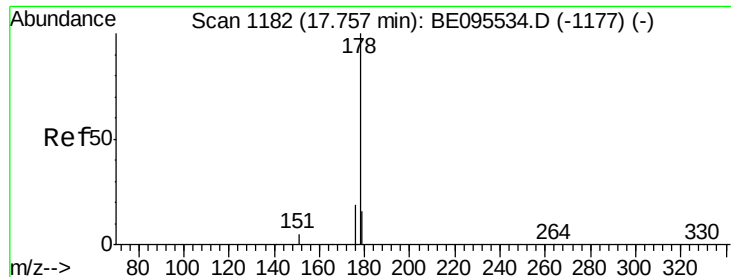


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.397 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE095538.D

Acq: 6 Feb 2018 20:27

Instrument :

BNA_E

ClientSampleId :

ICVBE020618

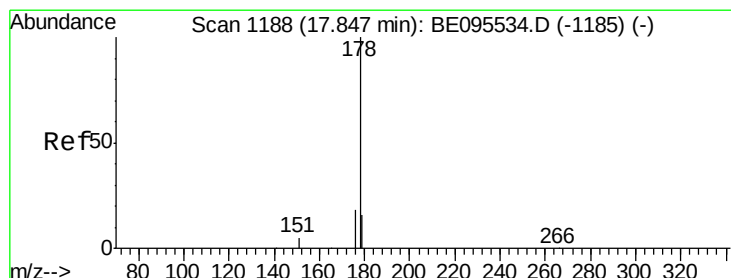
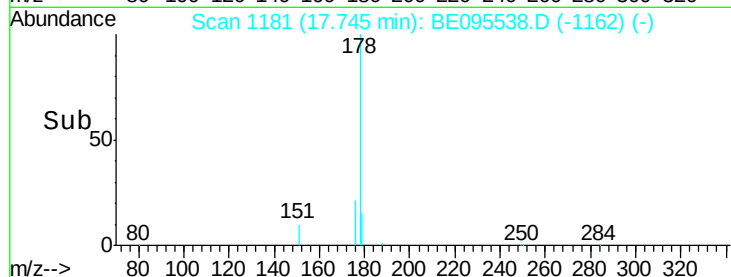
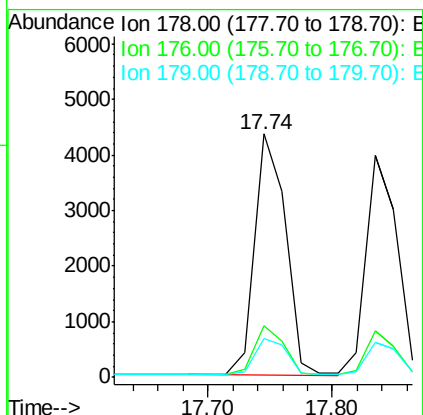
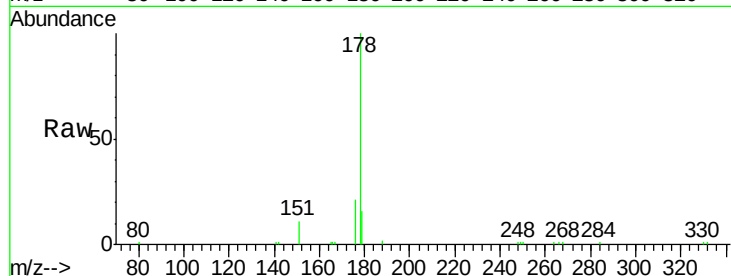
Tot Ion:178 Resp: 7502

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

179 15.0 11.8 17.6



#24

Anthracene

Concen: 0.386 ng

RT: 17.83 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BE095538.D

Acq: 6 Feb 2018 20:27

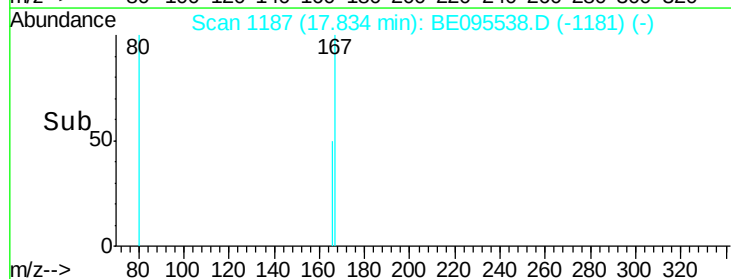
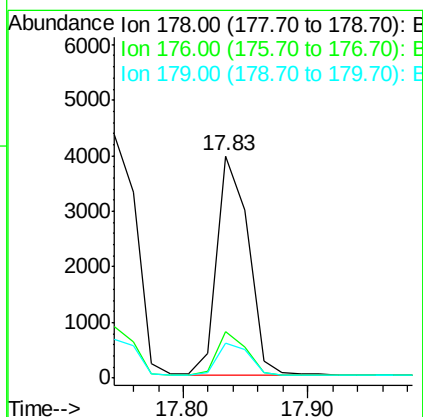
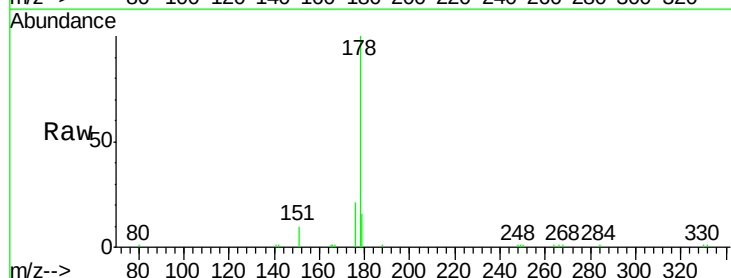
Tgt Ion:178 Resp: 6806

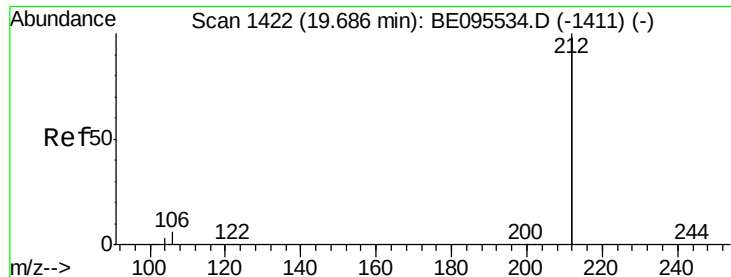
Ion Ratio Lower Upper

178 100

176 19.0 12.8 19.2

179 15.5 13.0 19.6





#25

Fluoranthene-d10

Concen: 0.390 ng

RT: 19.69 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BE095538.D

Acq: 6 Feb 2018 20:27

Instrument :

BNA_E

ClientSampleId :

ICVBE020618

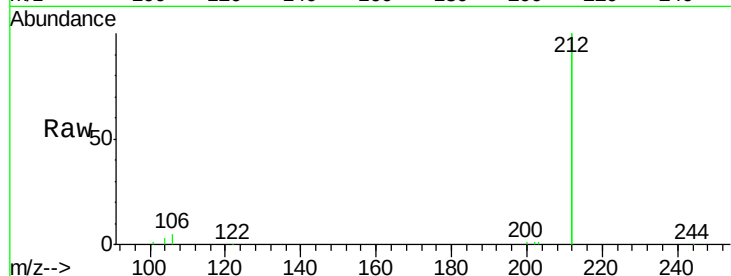
Tot Ion:212 Resp: 31608

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

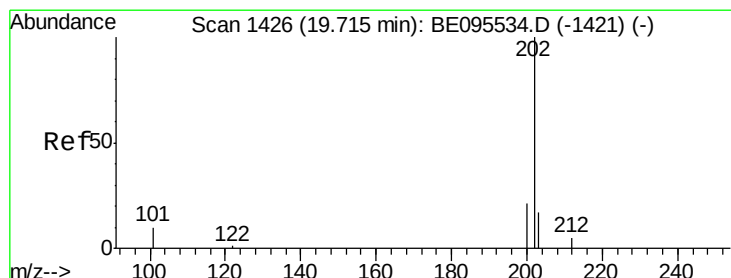
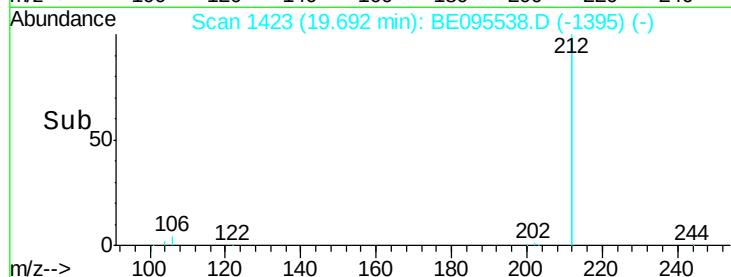
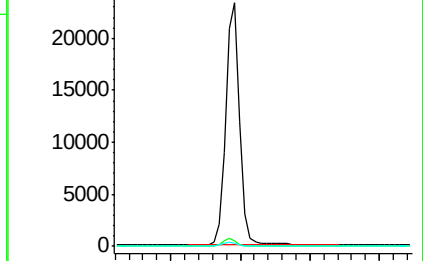
104 1.7 1.6 2.4



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: 0.395 ng

RT: 19.71 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BE095538.D

Acq: 6 Feb 2018 20:27

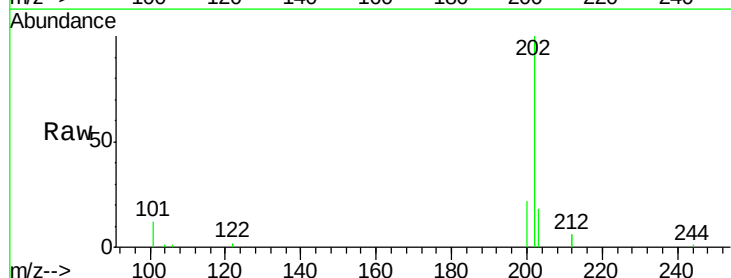
Tgt Ion:202 Resp: 9403

Ion Ratio Lower Upper

202 100

101 10.2 9.8 14.8

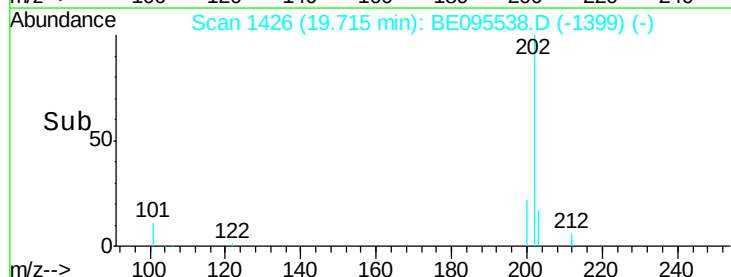
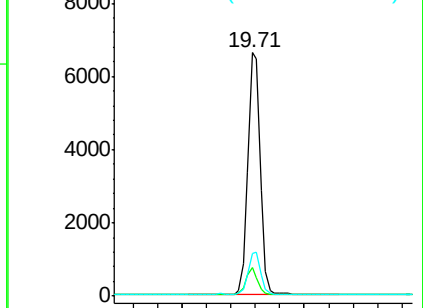
203 17.1 13.7 20.5

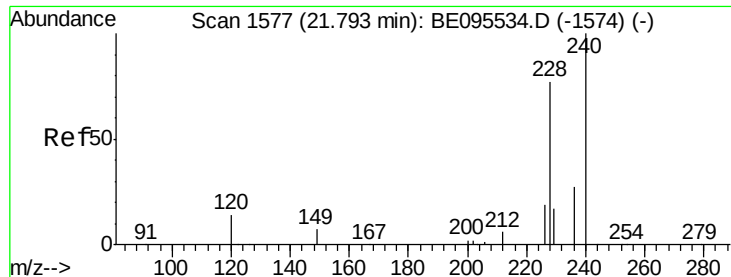


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

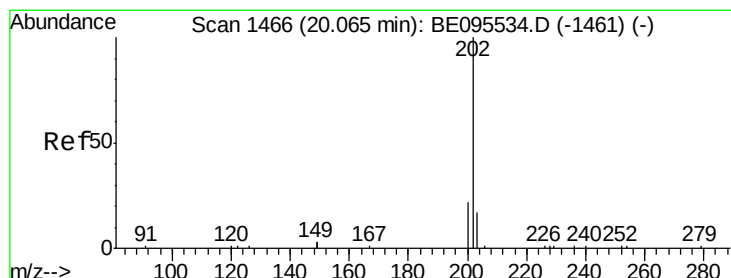
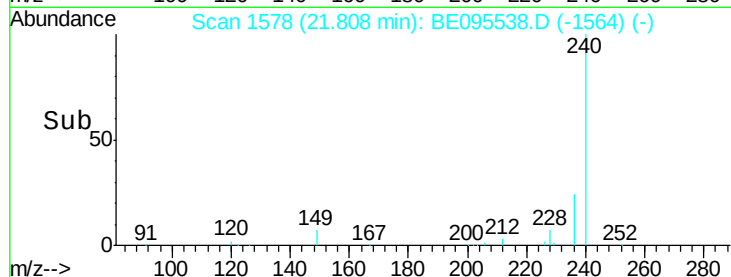
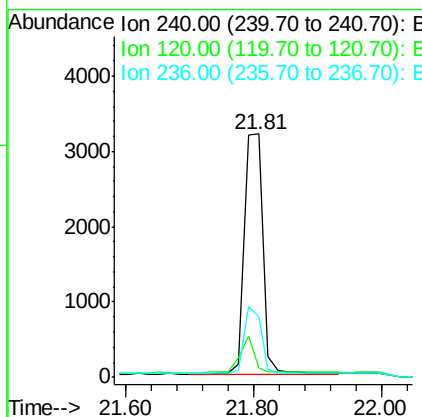
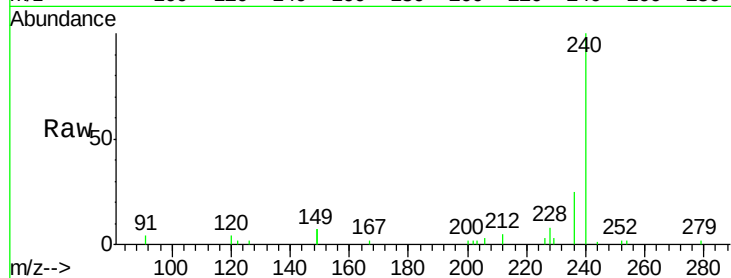




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.81 min Scan# 1578
 Delta R.T. 0.01 min
 Lab File: BE095538.D
 Acq: 6 Feb 2018 20:27

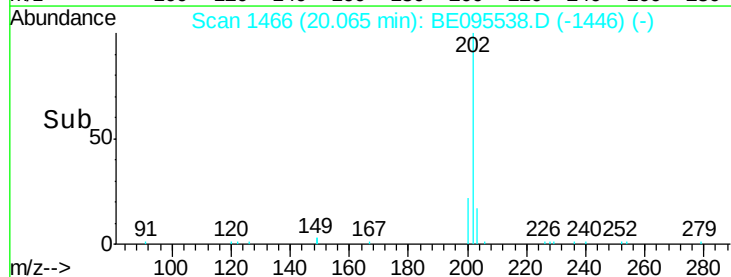
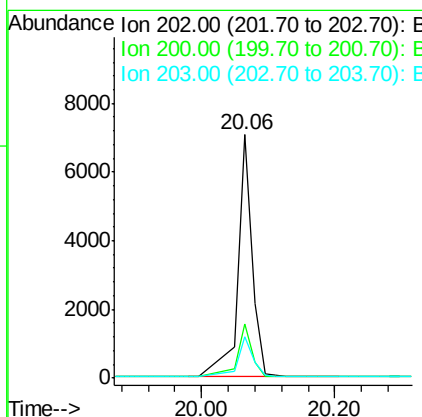
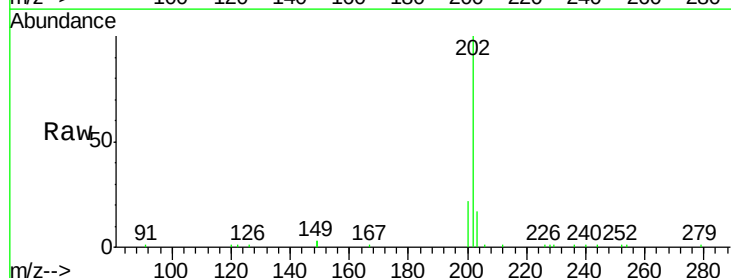
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE020618

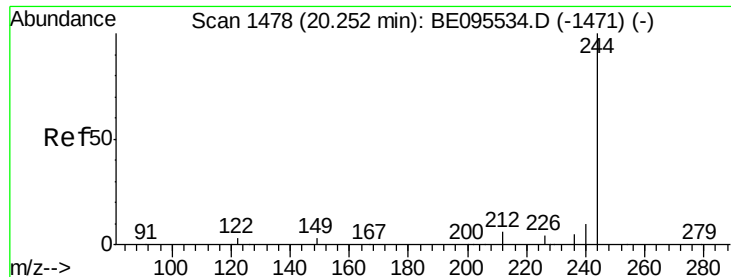
Tot Ion:240 Resp: 6424
 Ion Ratio Lower Upper
 240 100
 120 3.9 5.5 8.3#
 236 25.0 20.7 31.1



#28
 Pyrene
 Concen: 0.391 ng
 RT: 20.06 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BE095538.D
 Acq: 6 Feb 2018 20:27

Tgt Ion:202 Resp: 10542
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.6 25.0
 203 16.1 13.8 20.8





#29

Terphenyl-d14

Concen: 0.393 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095538.D

Acq: 6 Feb 2018 20:27

Instrument :

BNA_E

ClientSampleId :

ICVBE020618

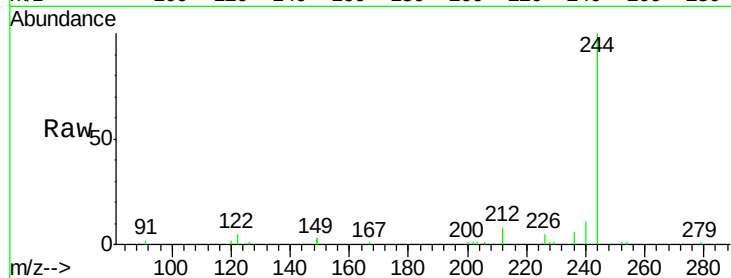
Tot Ion:244 Resp: 5385

Ion Ratio Lower Upper

244 100

212 7.9 25.4 38.0#

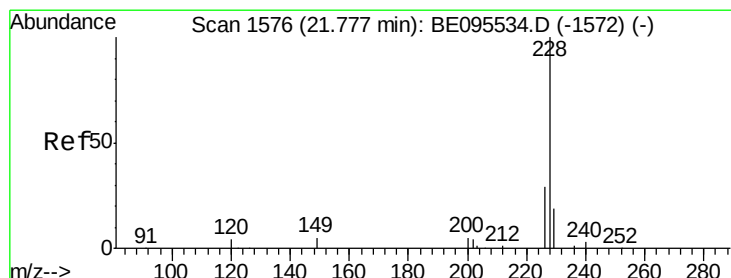
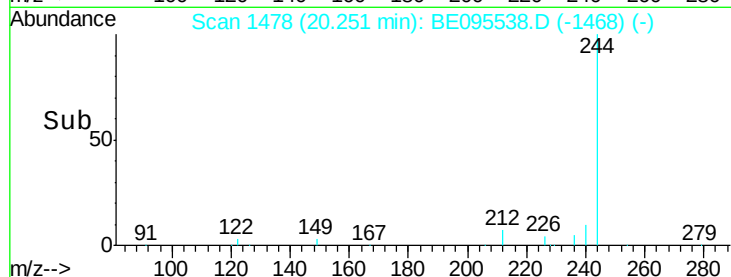
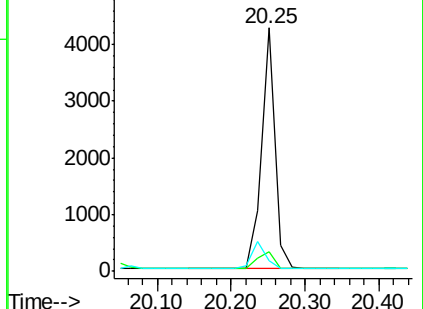
122 4.5 8.1 12.1#



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: 0.380 ng

RT: 21.78 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BE095538.D

Acq: 6 Feb 2018 20:27

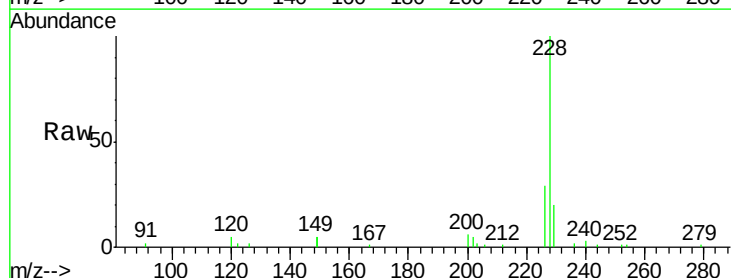
Tgt Ion:228 Resp: 8146

Ion Ratio Lower Upper

228 100

226 28.6 24.0 36.0

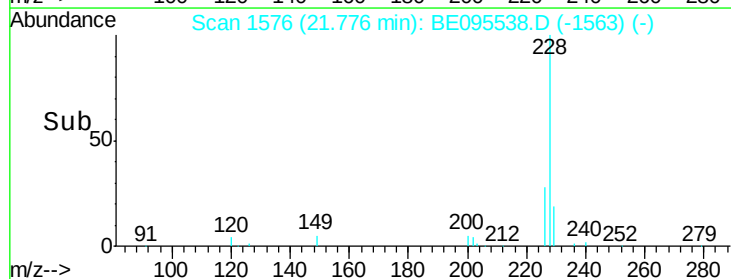
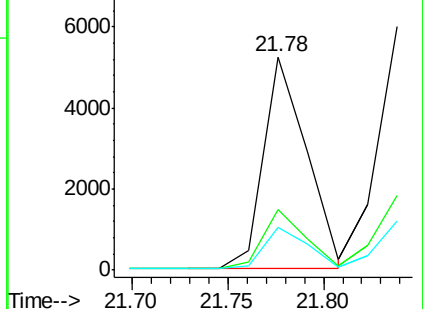
229 19.8 16.0 24.0

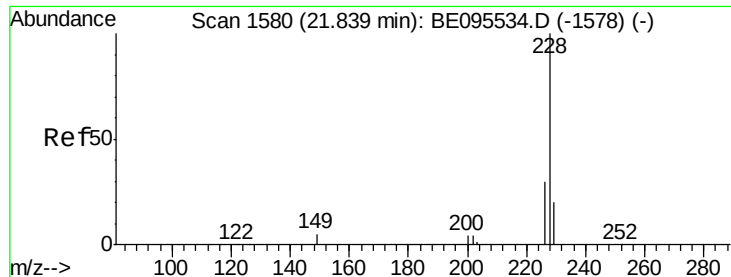


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.391 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BE095538.D

Acq: 6 Feb 2018 20:27

Instrument :

BNA_E

ClientSampleId :

ICVBE020618

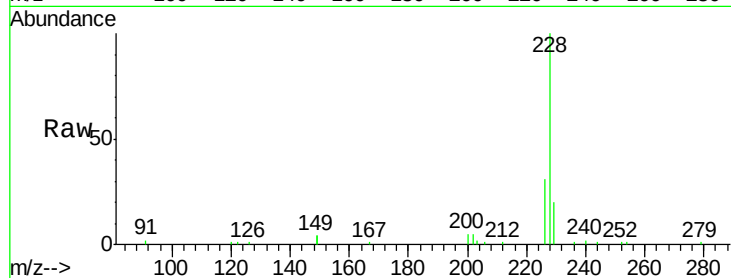
Tot Ion:228 Resp: 8245

Ion Ratio Lower Upper

228 100

226 30.6 24.0 36.0

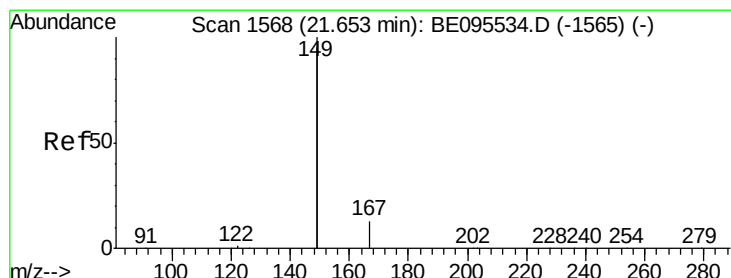
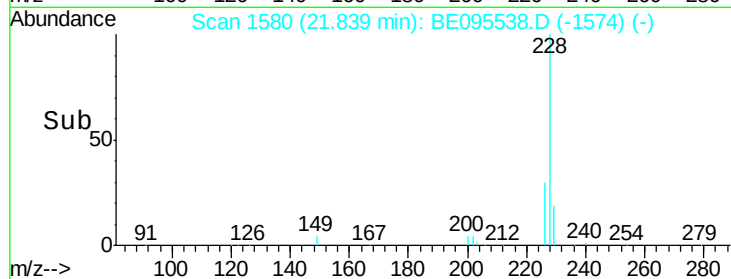
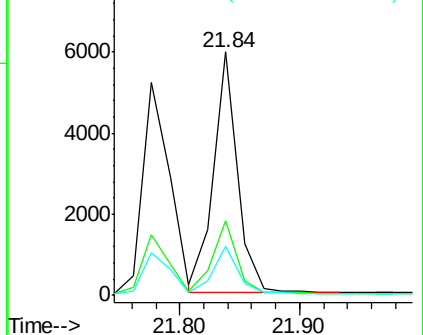
229 19.9 16.0 24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.329 ng

RT: 21.65 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BE095538.D

Acq: 6 Feb 2018 20:27

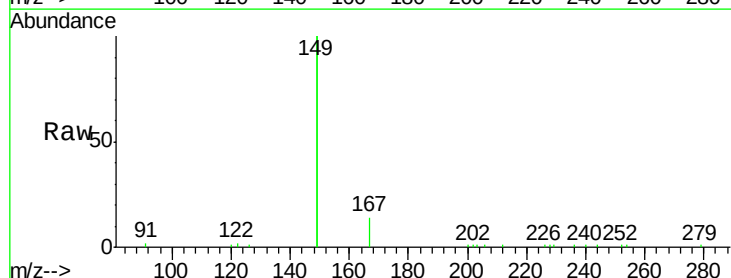
Tgt Ion:149 Resp: 16236

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

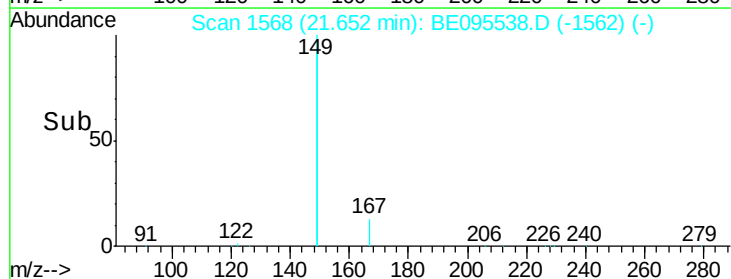
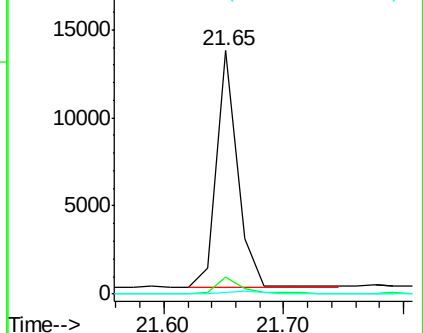
279 0.8 0.7 1.1

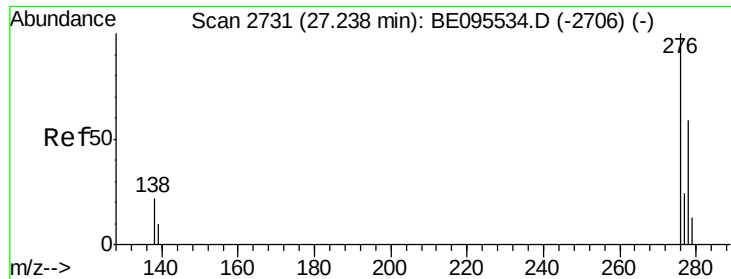


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

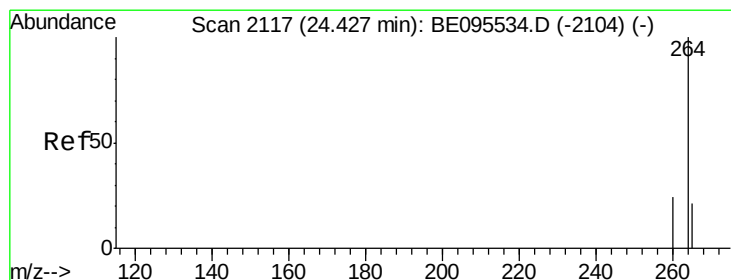
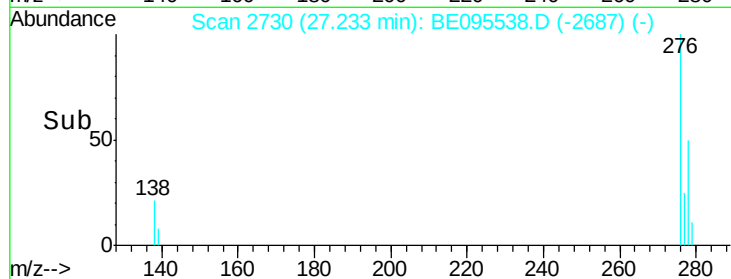
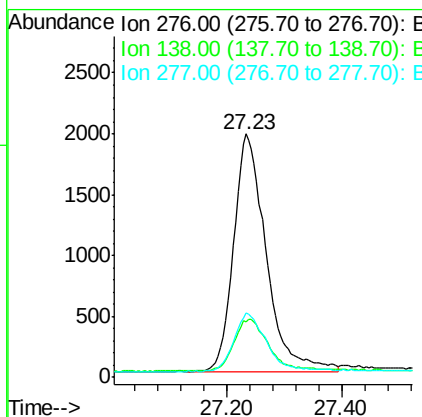
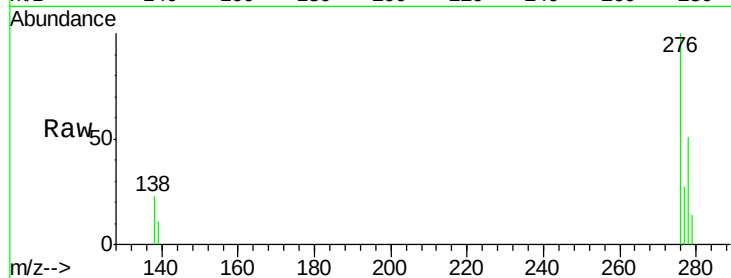




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.375 ng
 RT: 27.23 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: BE095538.D
 Acq: 6 Feb 2018 20:27

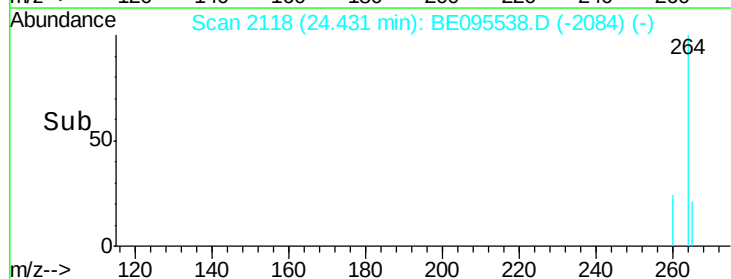
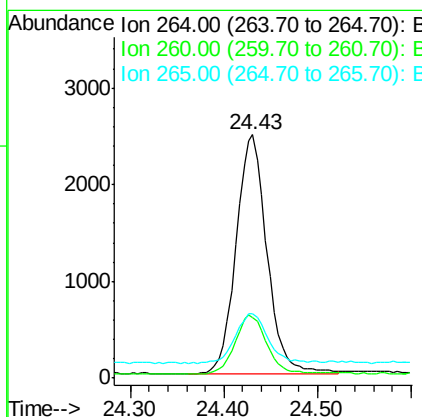
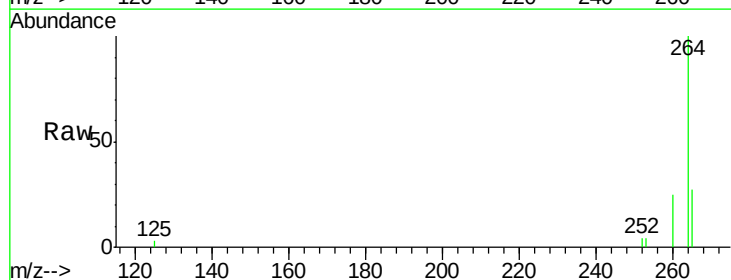
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE020618

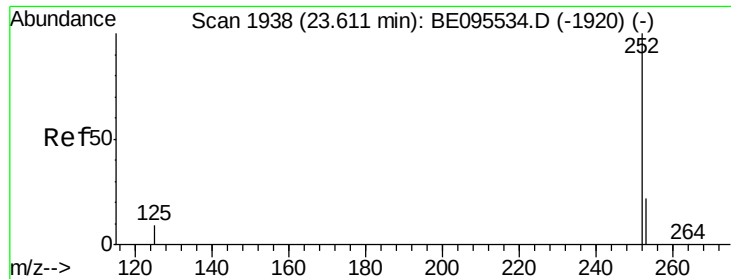
Tot Ion:276 Resp: 7647
 Ion Ratio Lower Upper
 276 100
 138 22.3 22.5 33.7#
 277 24.8 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.43 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: BE095538.D
 Acq: 6 Feb 2018 20:27

Tgt Ion:264 Resp: 5636
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.5 30.7
 265 26.7 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.404 ng

RT: 23.61 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BE095538.D

Acq: 6 Feb 2018 20:27

Instrument :

BNA_E

ClientSampleId :

ICVBE020618

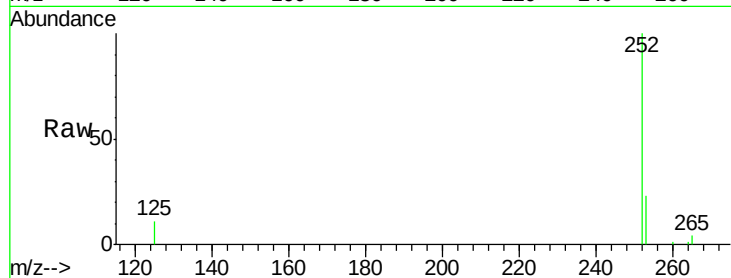
Tot Ion:252 Resp: 7758

Ion Ratio Lower Upper

252 100

253 23.4 20.0 30.0

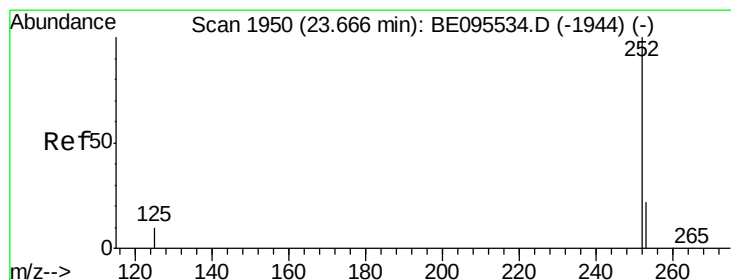
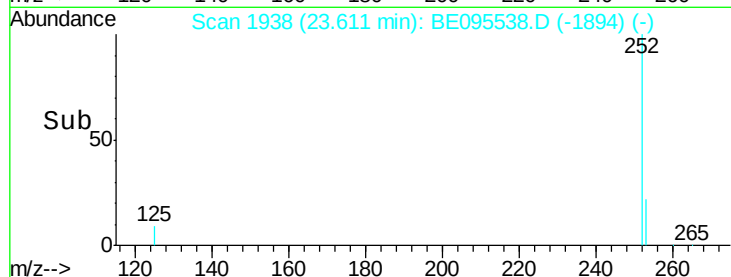
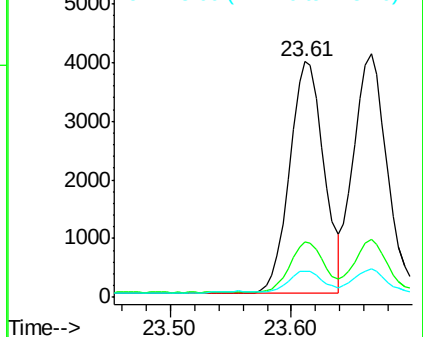
125 11.2 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.406 ng

RT: 23.67 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BE095538.D

Acq: 6 Feb 2018 20:27

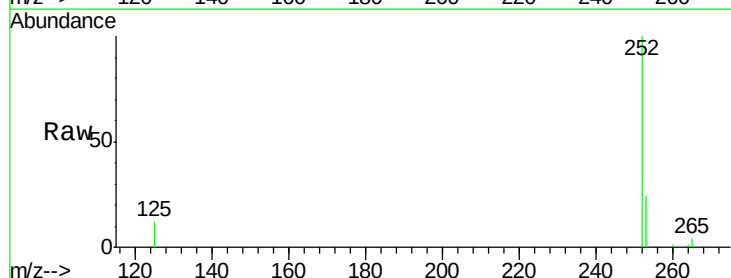
Tgt Ion:252 Resp: 8022

Ion Ratio Lower Upper

252 100

253 23.6 16.0 24.0

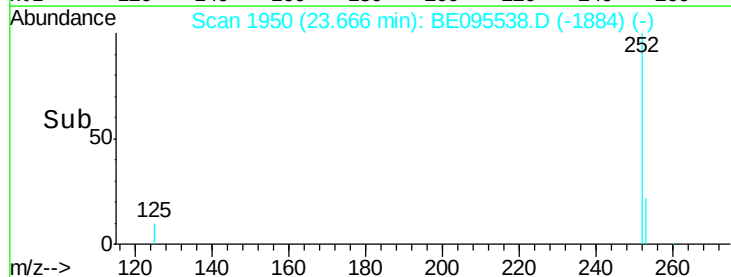
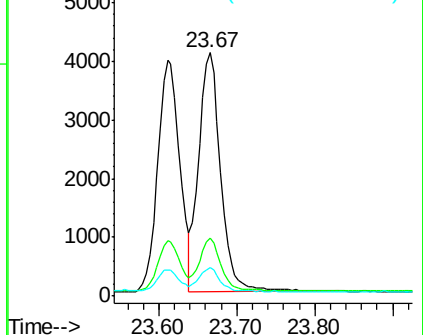
125 11.6 8.0 12.0

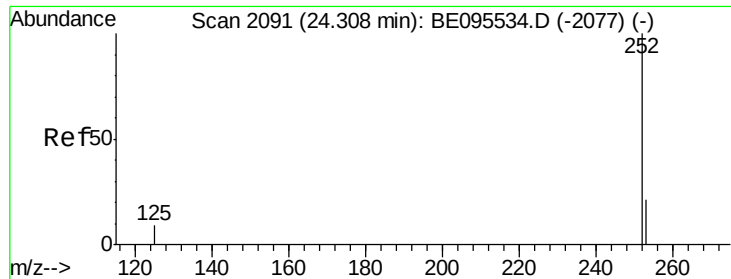


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.394 ng

RT: 24.31 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BE095538.D

Acq: 6 Feb 2018 20:27

Instrument :

BNA_E

ClientSampleId :

ICVBE020618

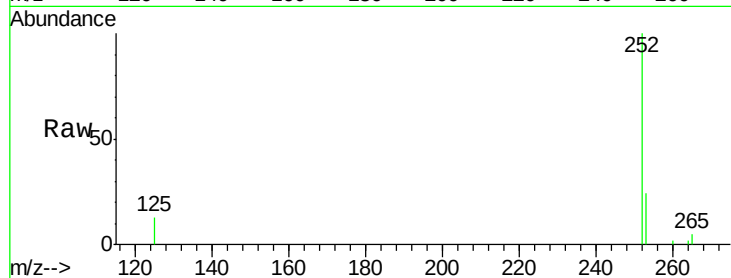
Tot Ion:252 Resp: 7043

Ion Ratio Lower Upper

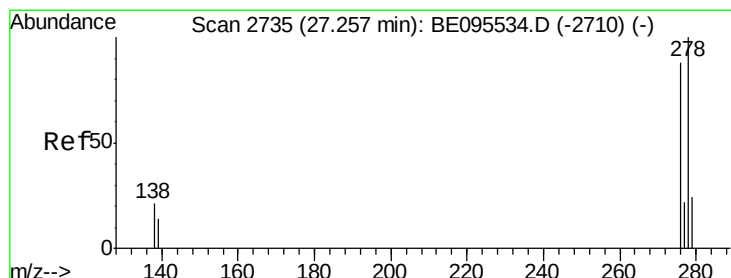
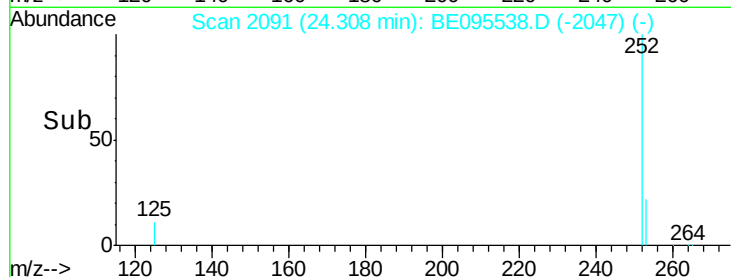
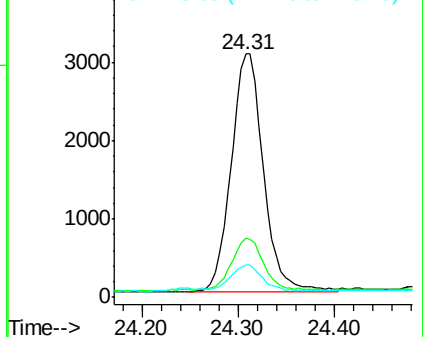
252 100

253 24.1 16.0 24.0#

125 13.2 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: 0.392 ng

RT: 27.26 min Scan# 2735

Delta R.T. -0.00 min

Lab File: BE095538.D

Acq: 6 Feb 2018 20:27

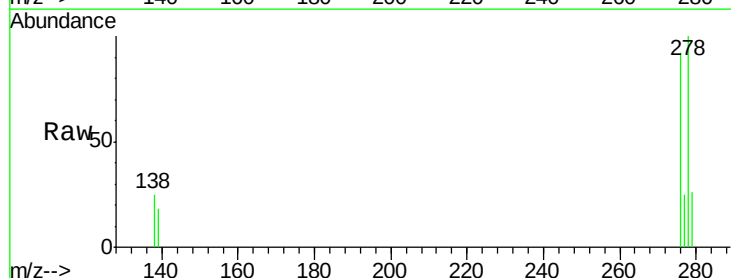
Tgt Ion:278 Resp: 6141

Ion Ratio Lower Upper

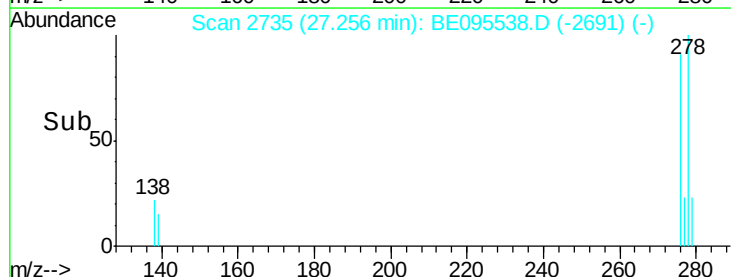
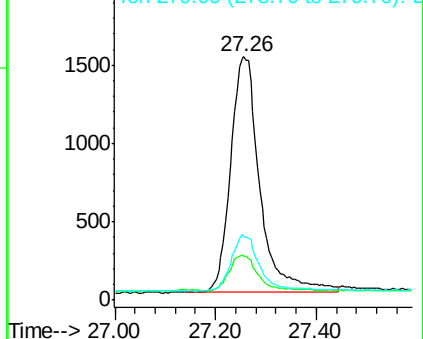
278 100

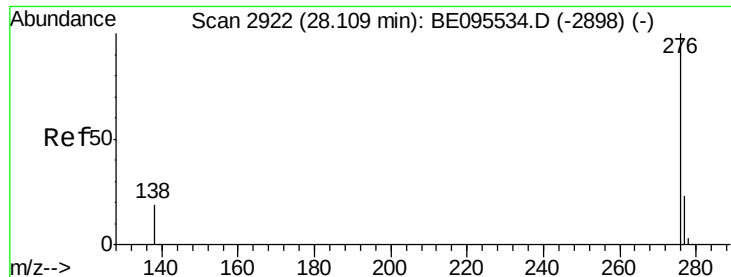
139 18.3 16.0 24.0

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(a,h,i)perylene

Concen: 0.391 ng

RT: 28.11 min Scan# 2922

Delta R.T. -0.00 min

Lab File: BE095538.D

Acq: 6 Feb 2018 20:27

Instrument :

BNA_E

ClientSampleId :

ICVBE020618

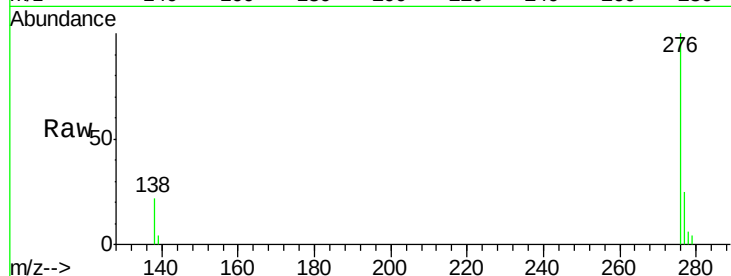
Tot Ion:276 Resp: 6579

Ion Ratio Lower Upper

276 100

277 25.0 16.0 24.0#

138 22.3 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

