

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020718\
 Data File : BE095557.D
 Acq On : 7 Feb 2018 17:40
 Operator : SJ/JU
 Sample : J1161-09
 Misc : MDL 0.1ppm
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 08 01:16:43 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	1409	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	5399	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	3081	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	7464	0.40	ng	0.00
27) Chrysene-d12	21.81	240	7348	0.40	ng	0.02
34) Perylene-d12	24.43	264	6672	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.92	112	1147	0.27	ng	0.00
5) Phenol-d6	7.56	99	1510	0.26	ng	0.00
8) Nitrobenzene-d5	9.61	82	1582	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	2554	0.29	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	284	0.20	ng	0.00
15) 2-Fluorobiphenyl	13.65	172	4060	0.31	ng	0.00
25) Fluoranthene-d10	19.69	212	26702	0.27	ng	0.00
29) Terphenyl-d14	20.25	244	4644	0.30	ng	0.00

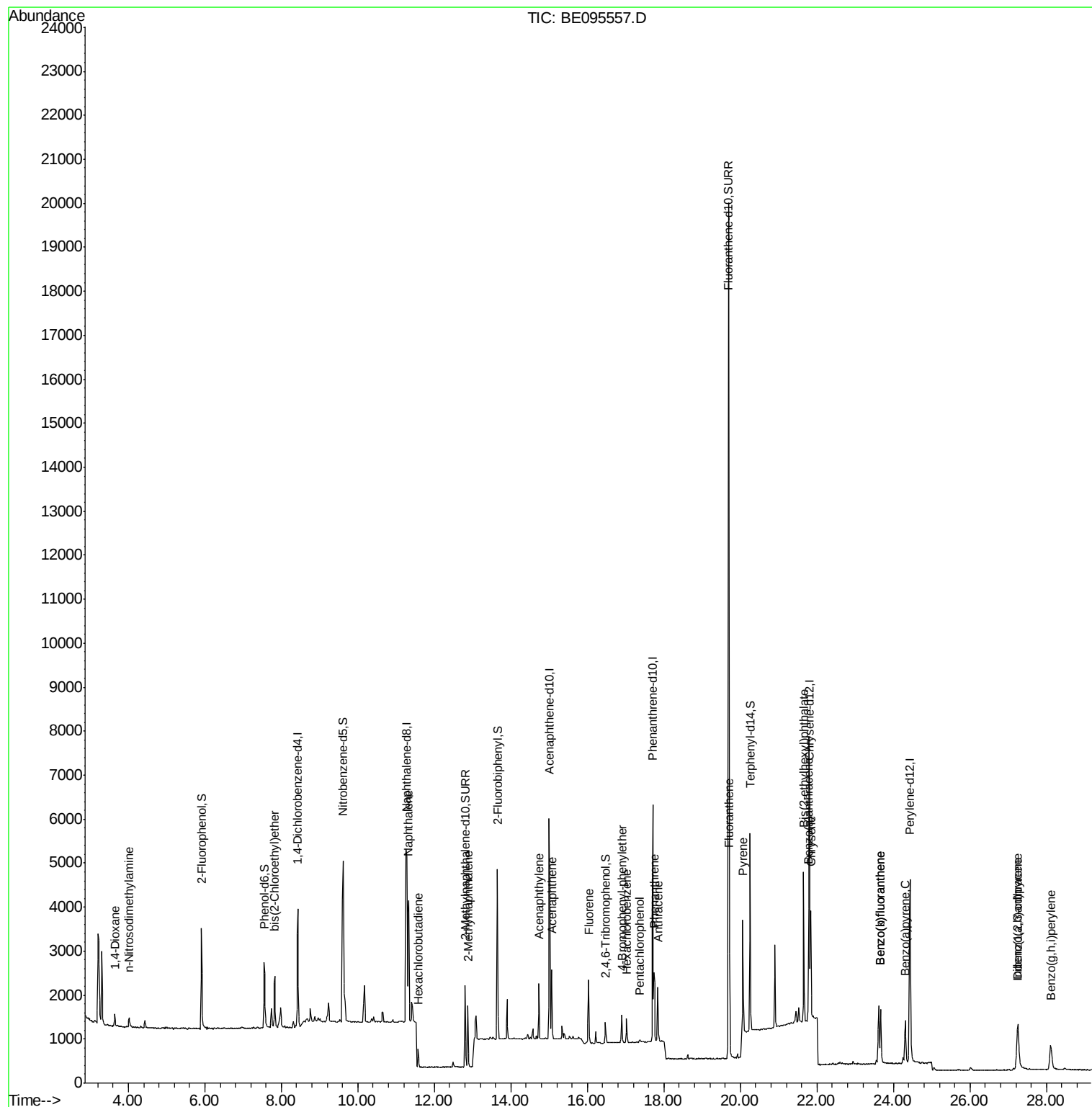
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.65	88	286	0.123	ng	# 69
3) n-Nitrosodimethylamine	4.01	42	205	0.070	ng	# 79
6) bis(2-Chloroethyl)ether	7.83	93	467	0.086	ng	93
9) Naphthalene	11.33	128	5445	0.087	ng	# 97
10) Hexachlorobutadiene	11.58	225	322	0.096	ng	99
12) 2-Methylnaphthalene	12.88	142	937	0.088	ng	93
16) Acenaphthylene	14.73	152	1402	0.080	ng	97
17) Acenaphthene	15.07	154	913	0.084	ng	88
18) Fluorene	16.04	166	1167	0.085	ng	# 79
20) 4-Bromophenyl-phenylether	16.91	248	397	0.088	ng	# 76
21) Hexachlorobenzene	17.02	284	417	0.090	ng	# 81
22) Pentachlorophenol	17.37	266	47	0.187	ng	98
23) Phenanthrene	17.74	178	1981	0.086	ng	98
24) Anthracene	17.85	178	1732	0.081	ng	# 96
26) Fluoranthene	19.72	202	2448	0.085	ng	98
28) Pyrene	20.06	202	2519	0.082	ng	# 94
30) Benzo(a)anthracene	21.78	228	2049	0.084	ng	98
31) Chrysene	21.84	228	2133	0.088	ng	98
32) Bis(2-ethylhexyl)phthalate	21.65	149	3857	0.068	ng	# 99
33) Indeno(1,2,3-cd)pyrene	27.24	276	1769	0.076	ng	# 91
35) Benzo(b)fluoranthene	23.66	252	1857	0.082	ng	92
36) Benzo(k)fluoranthene	23.66	252	1857	0.079	ng	# 80
37) Benzo(a)pyrene	24.31	252	1758	0.083	ng	# 85
38) Dibenzo(a,h)anthracene	27.26	278	1361	0.073	ng	# 86
39) Benzo(g,h,i)perylene	28.11	276	1578	0.079	ng	# 82

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020718\
Data File : BE095557.D
Acq On : 7 Feb 2018 17:40
Operator : SJ/JU
Sample : J1161-09
Misc : MDL 0.1ppm
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 08 01:16:43 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



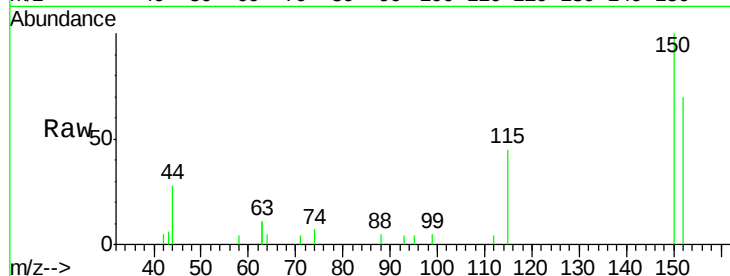


#1

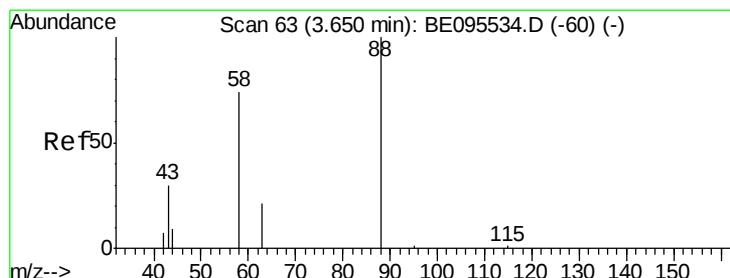
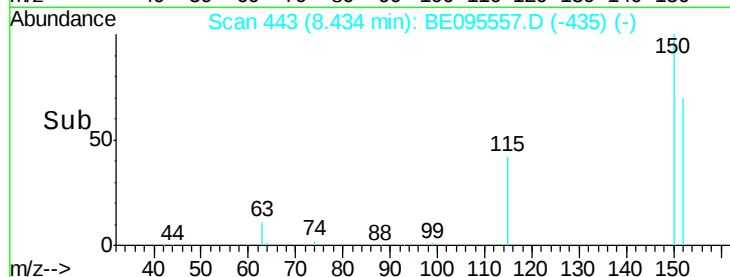
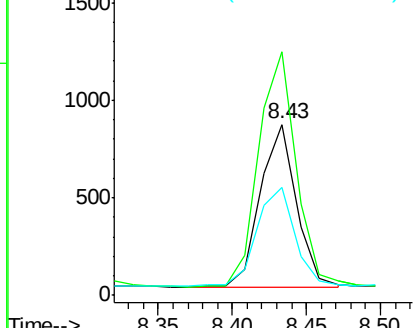
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 443
Delta R.T. -0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1409
Ion Ratio Lower Upper
152 100
150 142.1 117.2 175.8
115 63.3 57.0 85.6



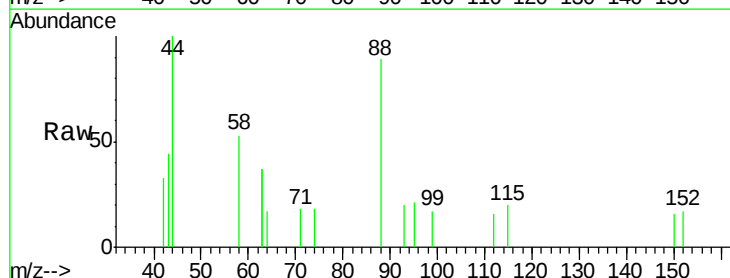
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



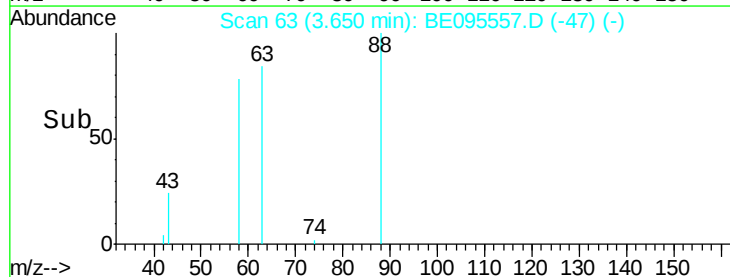
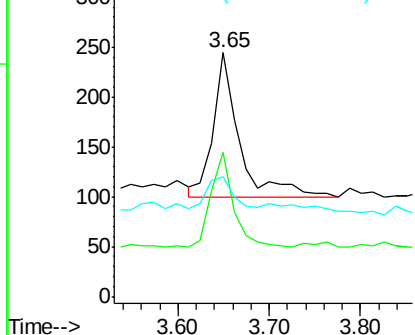
#2

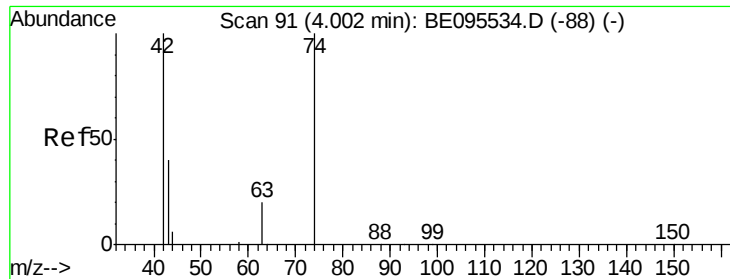
1,4-Dioxane
Concen: 0.123 ng
RT: 3.65 min Scan# 63
Delta R.T. -0.00 min
Lab File: BE095557.D
Acq: 7 Feb 2018 17:40

Tgt Ion: 88 Resp: 286
Ion Ratio Lower Upper
88 100
58 58.7 63.2 94.8#
43 21.3 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



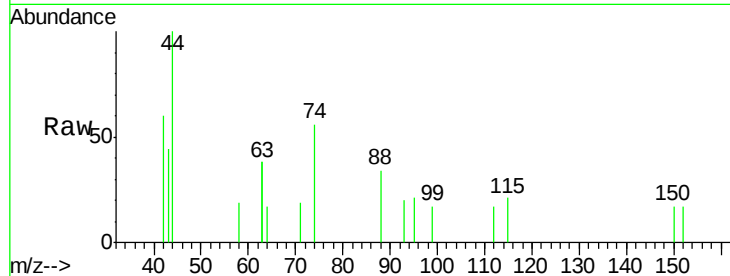


#3

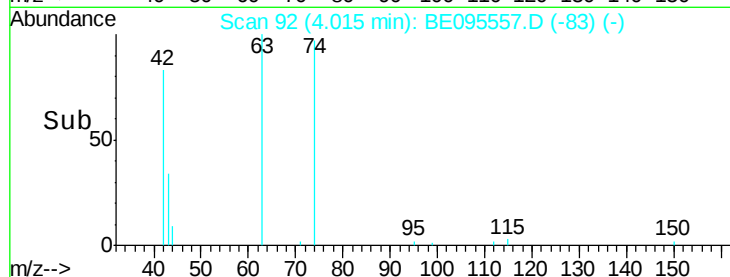
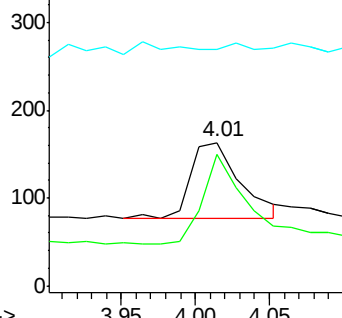
n-Nitrosodimethylamine
 Concen: 0.070 ng
 RT: 4.01 min Scan# 92
 Delta R.T. 0.01 min
 Lab File: BE095557.D
 Acq: 7 Feb 2018 17:40

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 205
 Ion Ratio Lower Upper
 42 100
 74 97.1 96.0 144.0
 44 4.9 12.0 18.0#



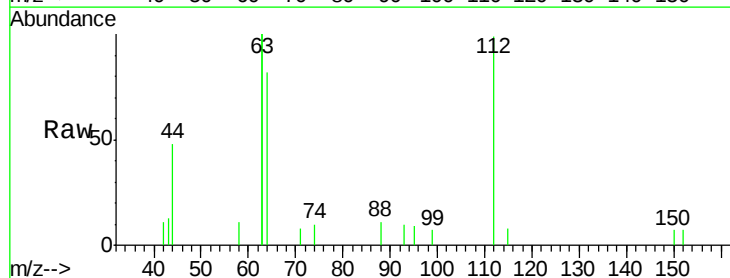
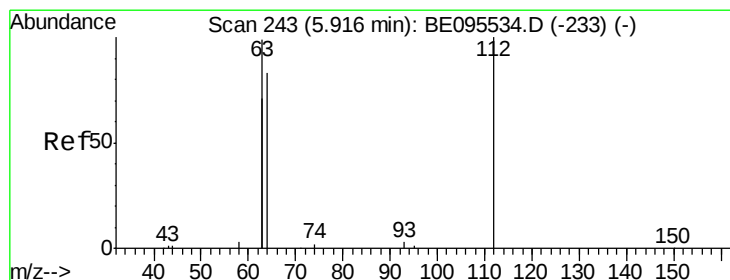
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



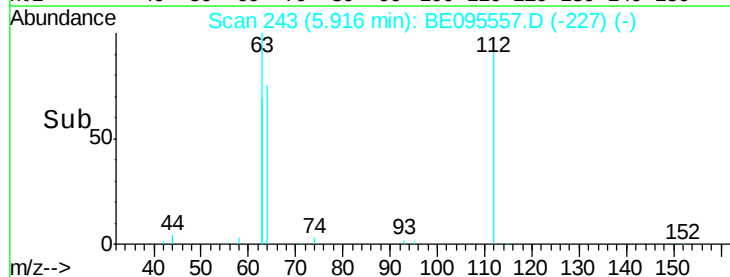
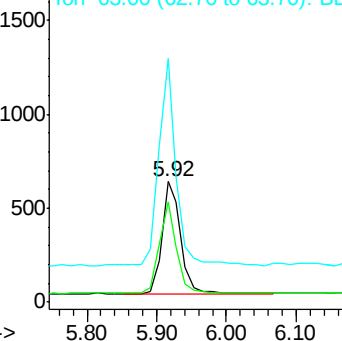
#4

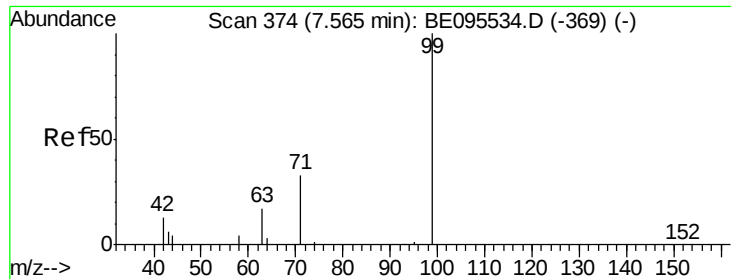
2-Fluorophenol
 Concen: 0.270 ng
 RT: 5.92 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: BE095557.D
 Acq: 7 Feb 2018 17:40

Tgt Ion: 112 Resp: 1147
 Ion Ratio Lower Upper
 112 100
 64 74.3 60.1 90.1
 63 166.6 116.8 175.2



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: 0.257 ng

RT: 7.56 min Scan# 374

Delta R.T. -0.00 min

Lab File: BE095557.D

Acq: 7 Feb 2018 17:40

Instrument :

BNA_E

ClientSampled :

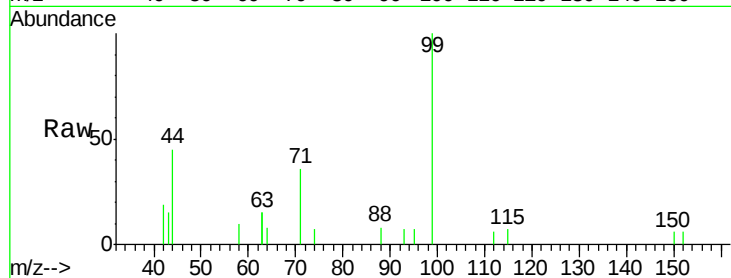
Tot Ion: 99 Resp: 1510

Ion Ratio Lower Upper

99 100

42 24.2 20.2 30.2

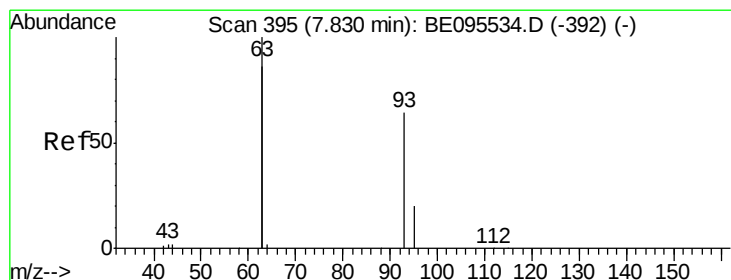
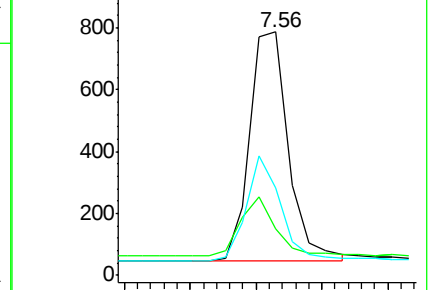
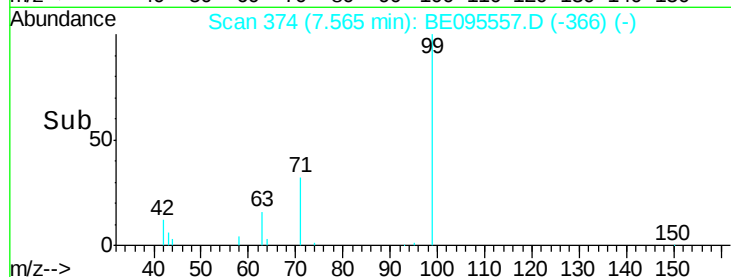
71 41.4 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.086 ng

RT: 7.83 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE095557.D

Acq: 7 Feb 2018 17:40

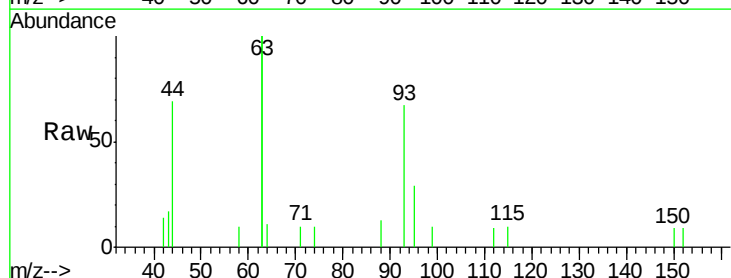
Tgt Ion: 93 Resp: 467

Ion Ratio Lower Upper

93 100

63 327.6 275.3 412.9

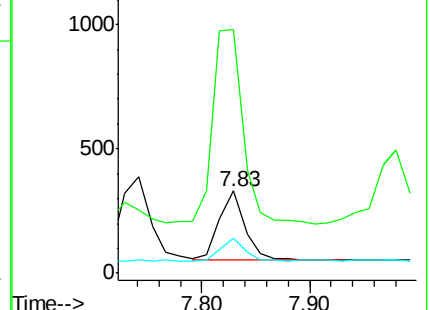
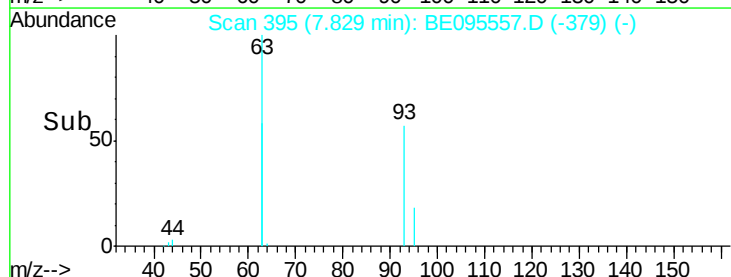
95 32.1 25.2 37.8

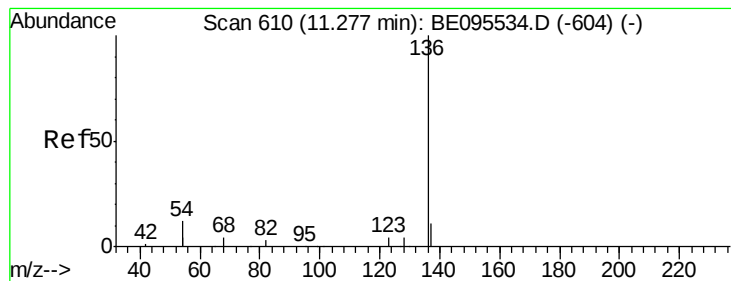


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 11.28 min Scan# 610

Delta R.T. -0.00 min

Lab File: BE095557.D

Acq: 7 Feb 2018 17:40

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5399

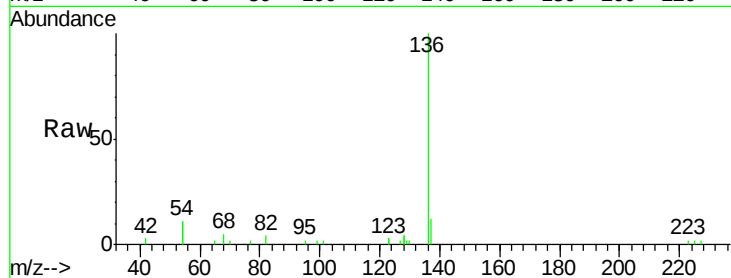
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 22.1 29.1 43.7#

68 5.3 6.2 9.2#

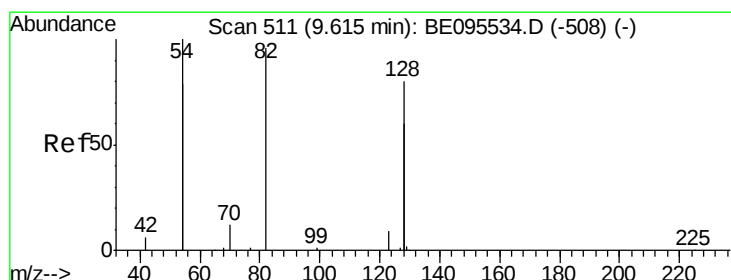
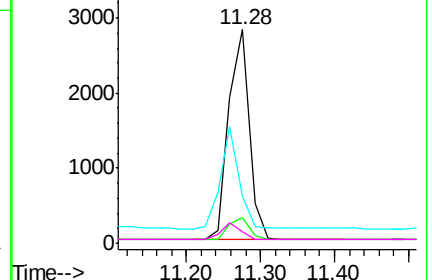
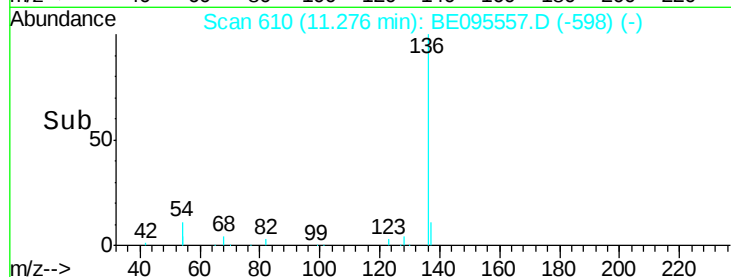


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.276 ng

RT: 9.61 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE095557.D

Acq: 7 Feb 2018 17:40

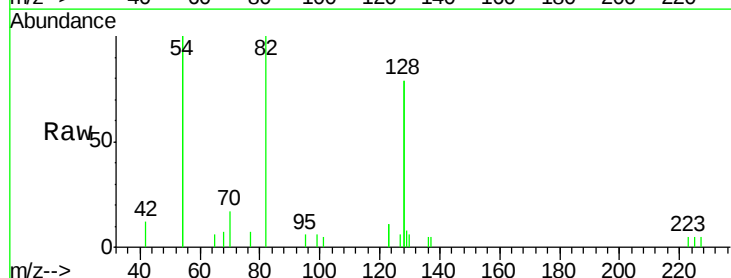
Tgt Ion: 82 Resp: 1582

Ion Ratio Lower Upper

82 100

128 158.8 150.0 225.0

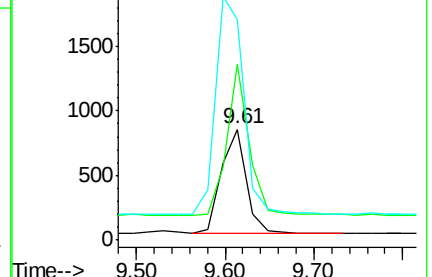
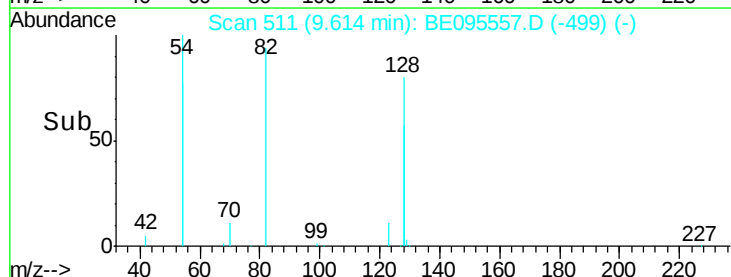
54 199.1 154.2 231.4

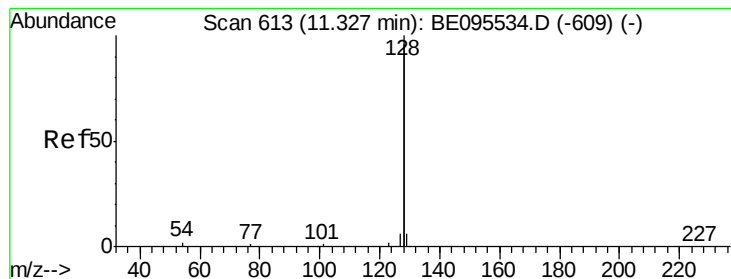


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.087 ng

RT: 11.33 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE095557.D

Acq: 7 Feb 2018 17:40

Instrument :

BNA_E

ClientSampleId :

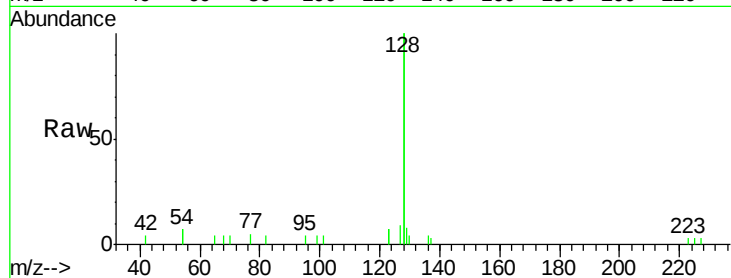
Tot Ion:128 Resp: 5445

Ion Ratio Lower Upper

128 100

129 4.2 2.6 3.8#

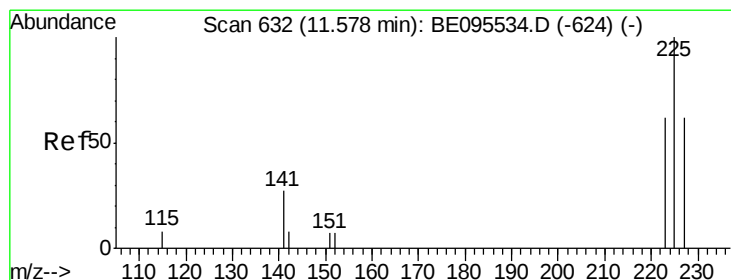
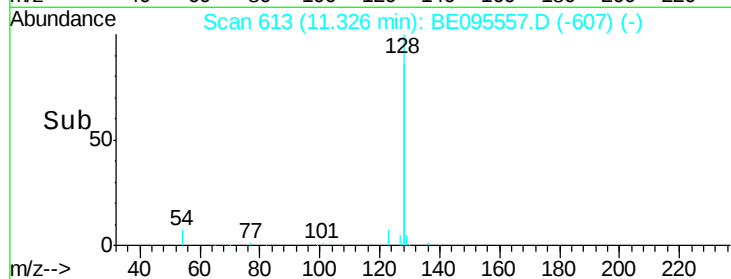
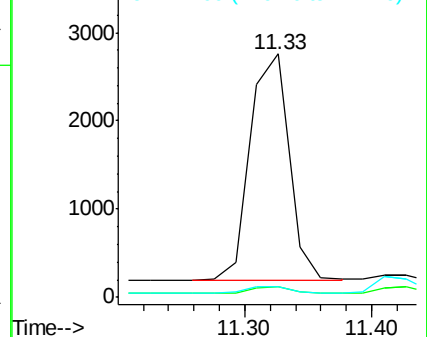
127 4.3 2.8 4.2#



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: 0.096 ng

RT: 11.58 min Scan# 632

Delta R.T. -0.00 min

Lab File: BE095557.D

Acq: 7 Feb 2018 17:40

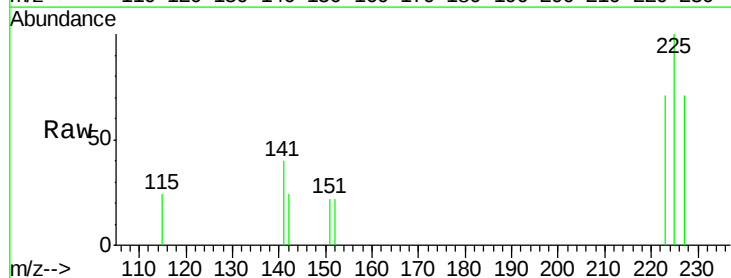
Tgt Ion:225 Resp: 322

Ion Ratio Lower Upper

225 100

223 64.6 53.0 79.6

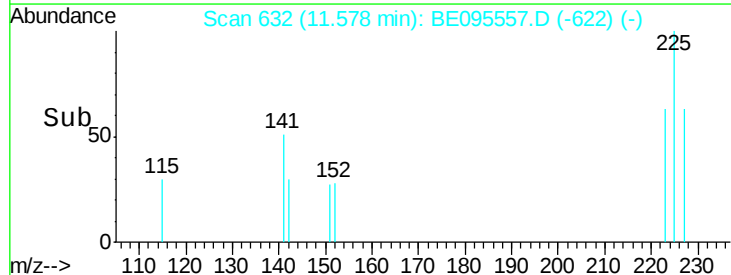
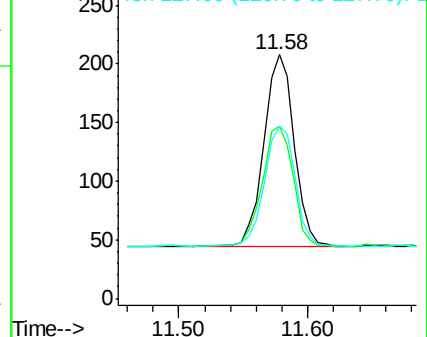
227 64.6 51.4 77.2

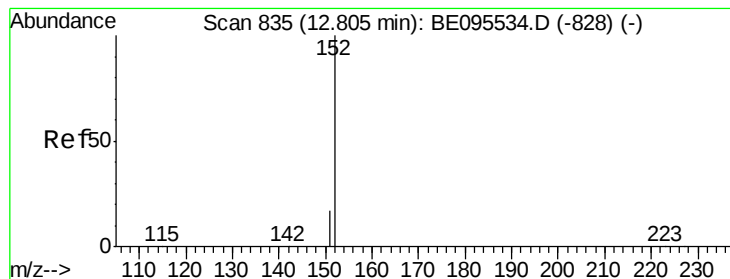


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.286 ng

RT: 12.80 min Scan# 835

Delta R.T. -0.00 min

Lab File: BE095557.D

Acq: 7 Feb 2018 17:40

Instrument :

BNA_E

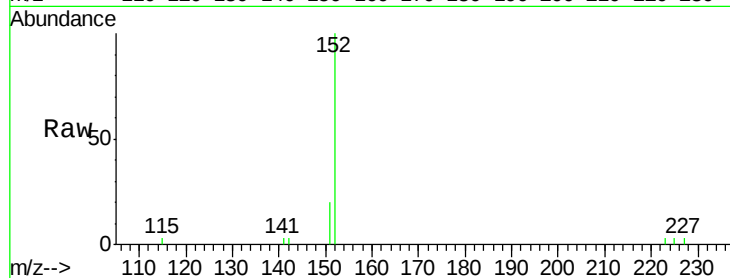
ClientSampleId :

Tot Ion:152 Resp: 2554

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

12.80

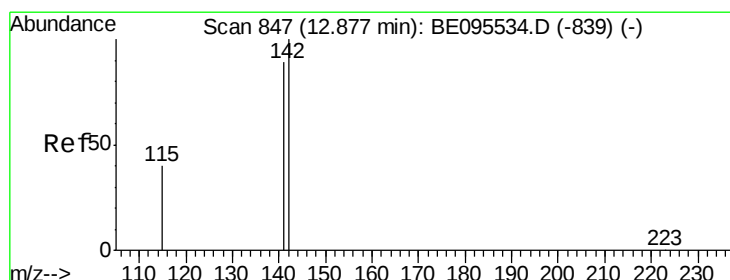
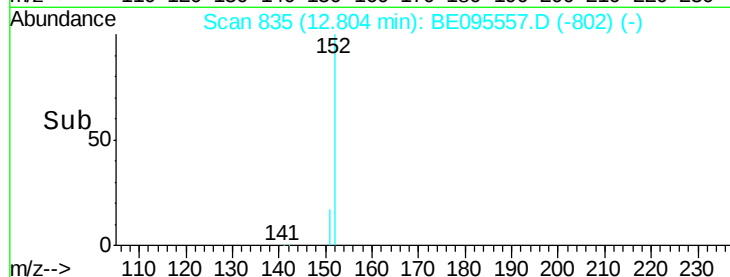
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.088 ng

RT: 12.88 min Scan# 847

Delta R.T. -0.00 min

Lab File: BE095557.D

Acq: 7 Feb 2018 17:40

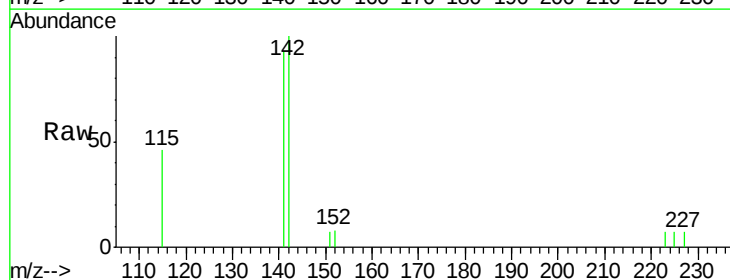
Tgt Ion:142 Resp: 937

Ion Ratio Lower Upper

142 100

141 92.6 70.4 105.6

115 46.2 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

800

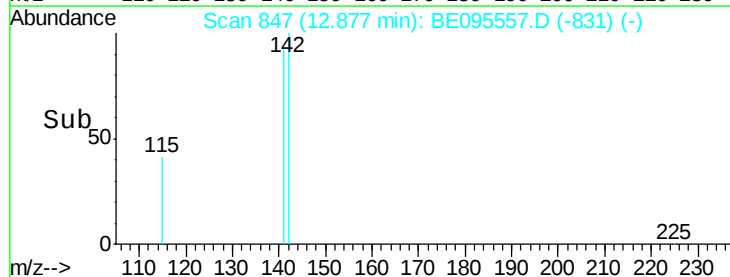
600

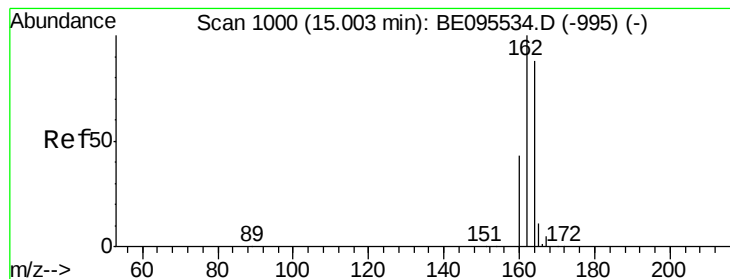
400

200

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.00 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BE095557.D

Acq: 7 Feb 2018 17:40

Instrument :

BNA_E

ClientSampled :

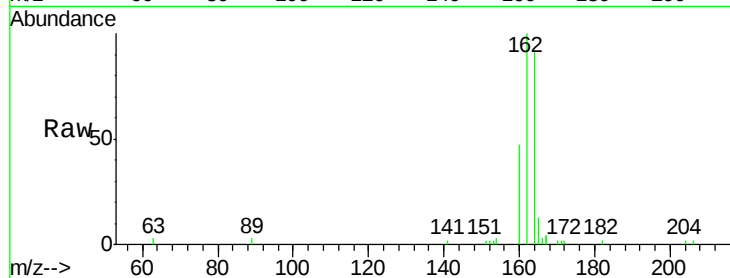
Tot Ion:164 Resp: 3081

Ion Ratio Lower Upper

164 100

162 109.4 83.1 124.7

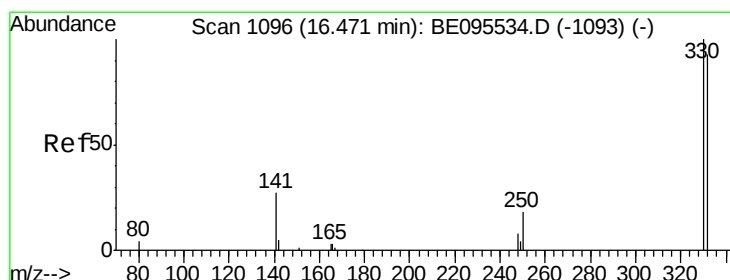
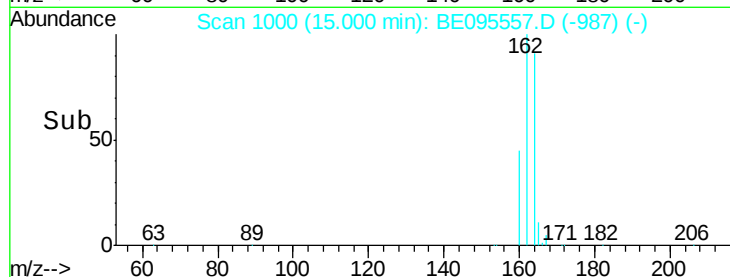
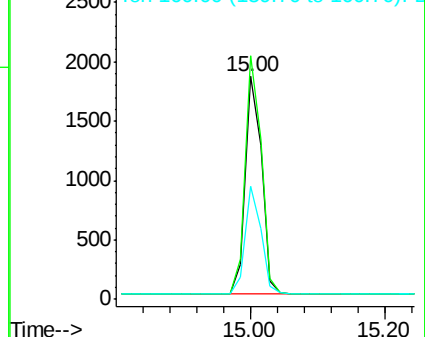
160 51.0 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.202 ng

RT: 16.47 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE095557.D

Acq: 7 Feb 2018 17:40

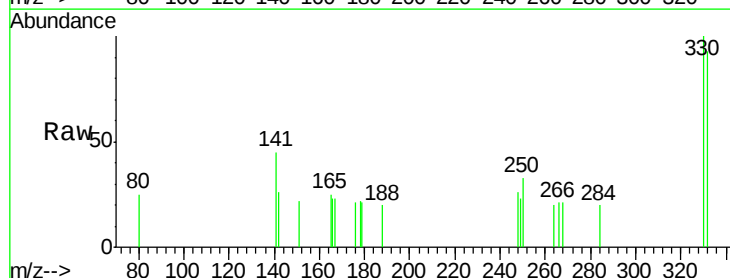
Tgt Ion:330 Resp: 284

Ion Ratio Lower Upper

330 100

332 100.7 152.7 229.1#

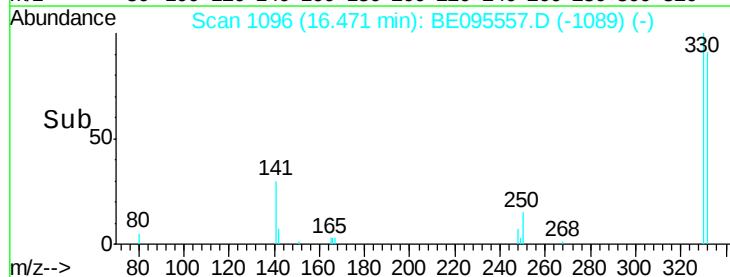
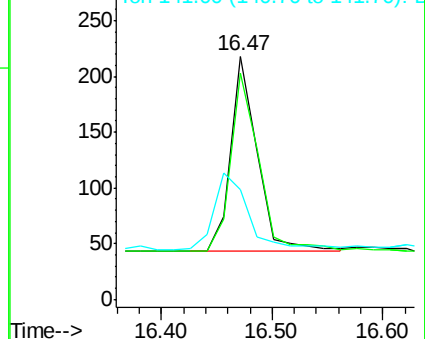
141 53.9 33.7 50.5#

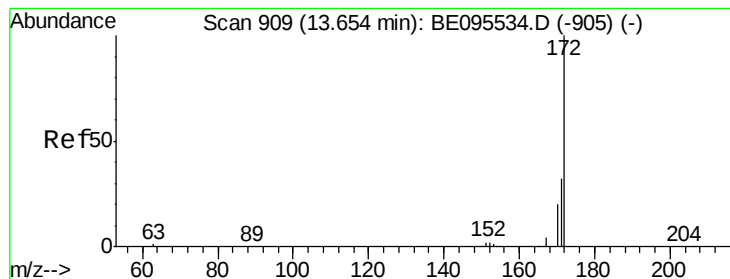


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.306 ng

RT: 13.65 min Scan# 909

Delta R.T. -0.00 min

Lab File: BE095557.D

Acq: 7 Feb 2018 17:40

Instrument :

BNA_E

ClientSampleId :

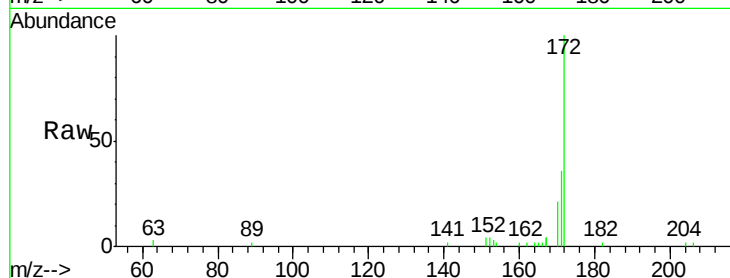
Tot Ion:172 Resp: 4060

Ion Ratio Lower Upper

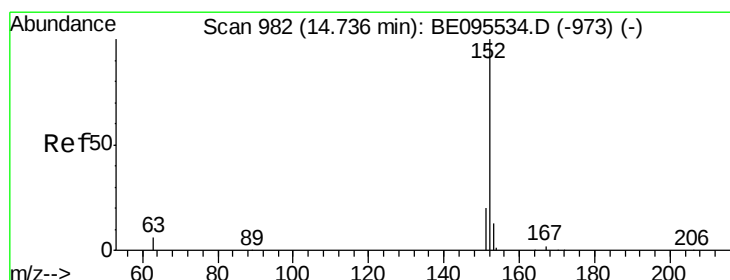
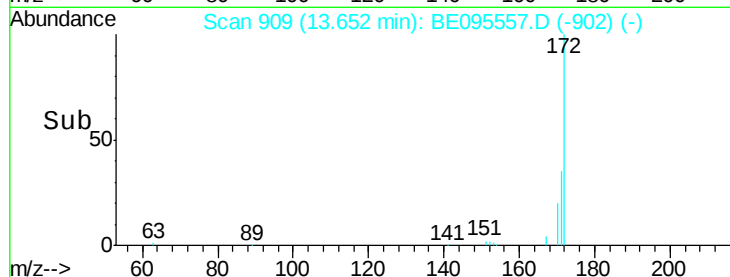
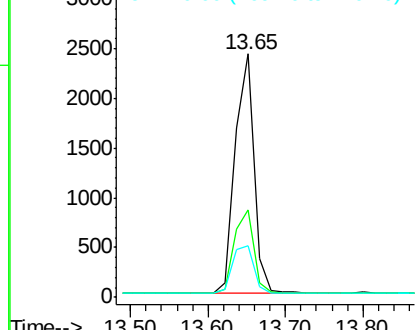
172 100

171 36.0 29.9 44.9

170 21.2 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: 0.080 ng

RT: 14.73 min Scan# 982

Delta R.T. -0.00 min

Lab File: BE095557.D

Acq: 7 Feb 2018 17:40

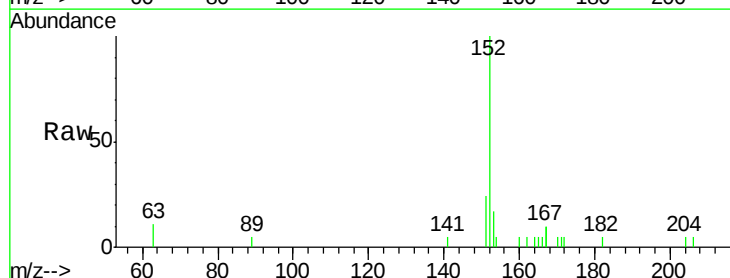
Tgt Ion:152 Resp: 1402

Ion Ratio Lower Upper

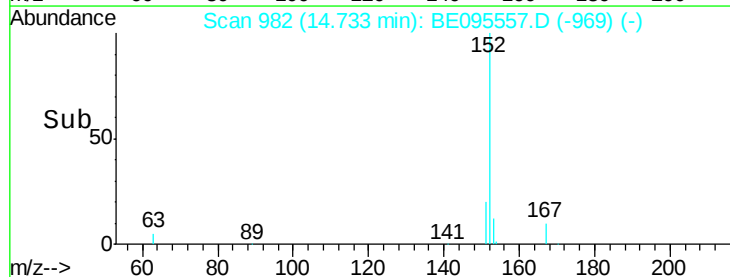
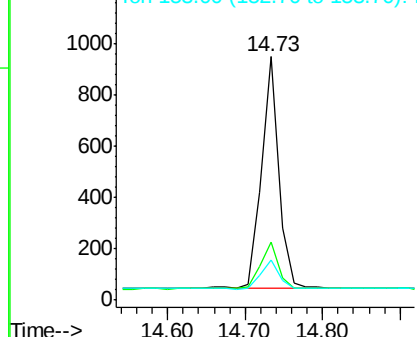
152 100

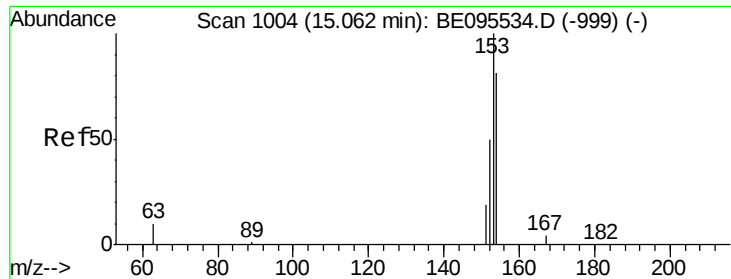
151 21.4 15.7 23.5

153 13.3 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: 0.084 ng

RT: 15.07 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BE095557.D

Acq: 7 Feb 2018 17:40

Instrument :

BNA_E

ClientSampleId :

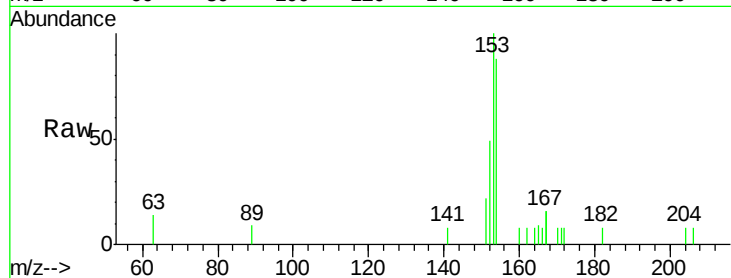
Tot Ion:154 Resp: 913

Ion Ratio Lower Upper

154 100

153 124.5 89.2 133.8

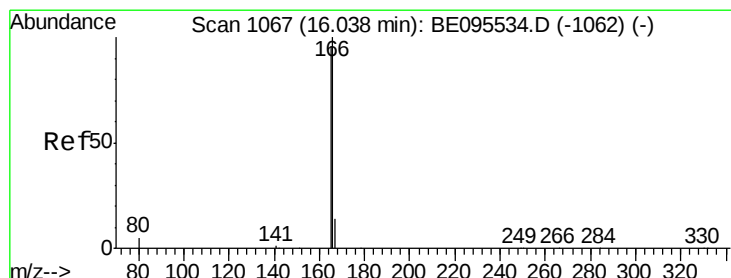
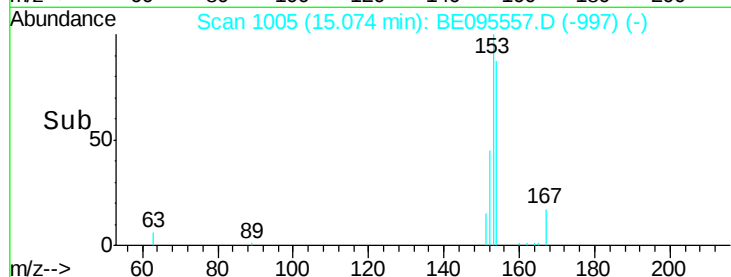
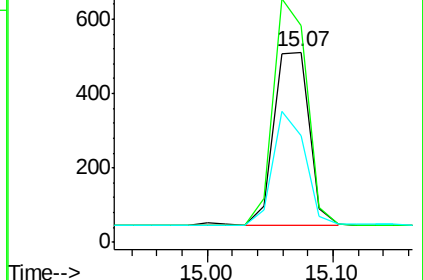
152 59.6 42.0 63.0



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: 0.085 ng

RT: 16.04 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE095557.D

Acq: 7 Feb 2018 17:40

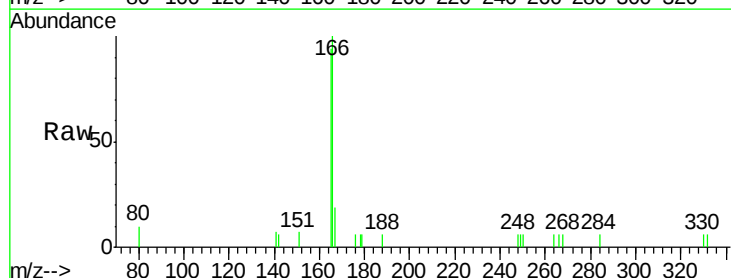
Tgt Ion:166 Resp: 1167

Ion Ratio Lower Upper

166 100

165 98.7 77.8 116.6

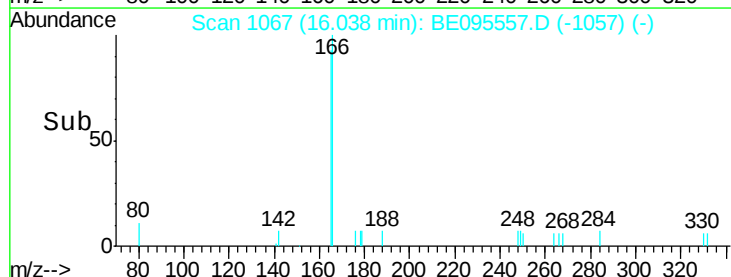
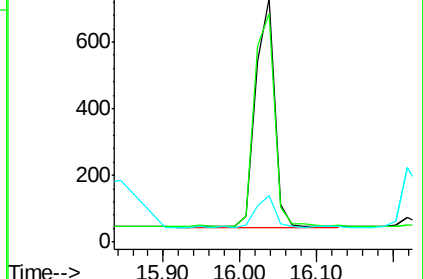
167 13.5 42.4 63.6#

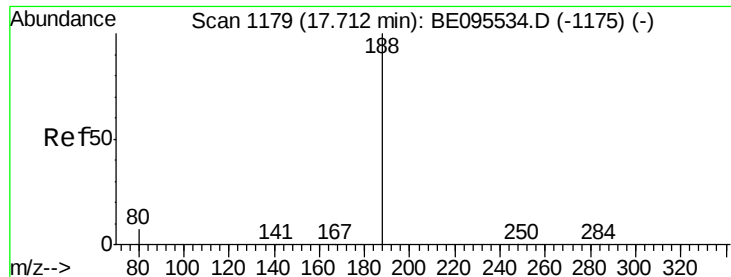


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE095557.D

Acq: 7 Feb 2018 17:40

Instrument :

BNA_E

ClientSampleId :

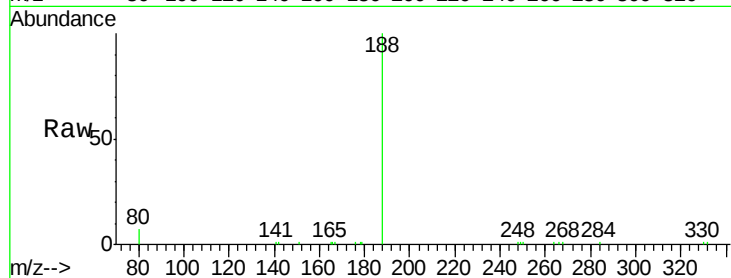
Tot Ion:188 Resp: 7464

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

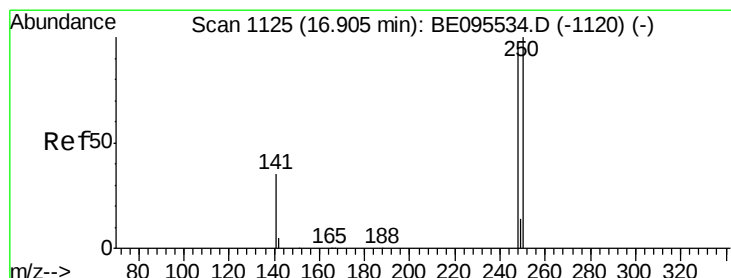
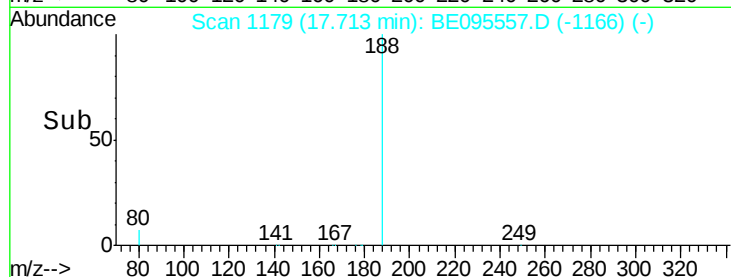
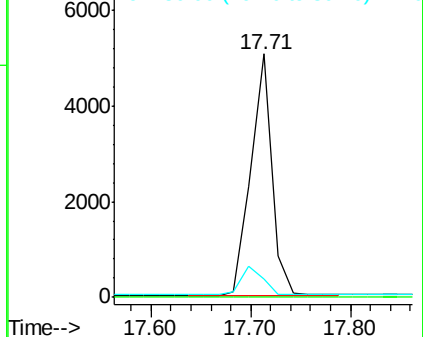
80 7.4 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.088 ng

RT: 16.91 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BE095557.D

Acq: 7 Feb 2018 17:40

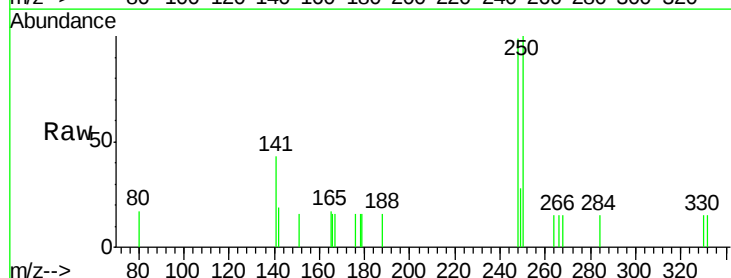
Tgt Ion:248 Resp: 397

Ion Ratio Lower Upper

248 100

250 101.0 62.7 94.1#

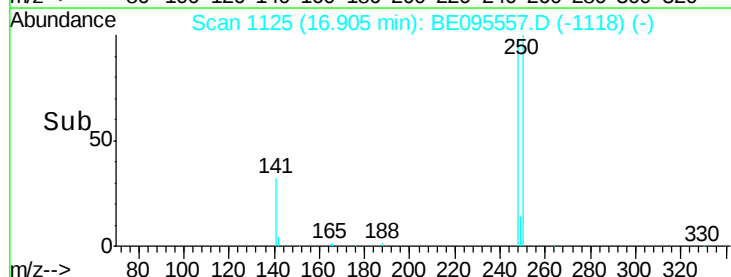
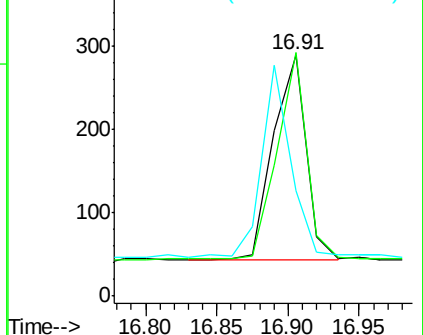
141 43.8 48.2 72.2#

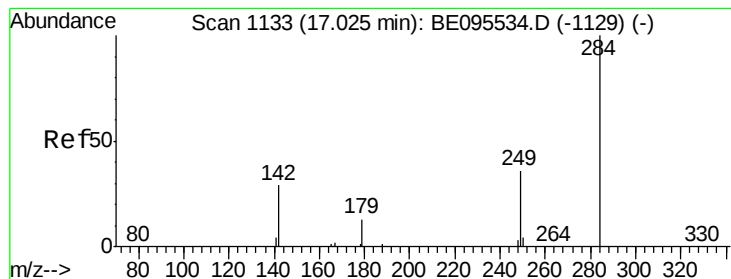


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.090 ng

RT: 17.02 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BE095557.D

Acq: 7 Feb 2018 17:40

Instrument :

BNA_E

ClientSampleId :

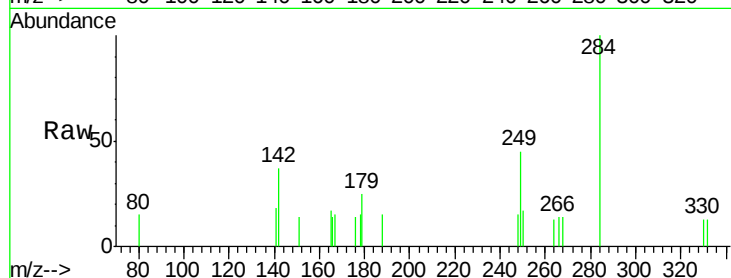
Tot Ion:284 Resp: 417

Ion Ratio Lower Upper

284 100

142 41.7 22.1 33.1#

249 34.3 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

Time-->

17.02

300

200

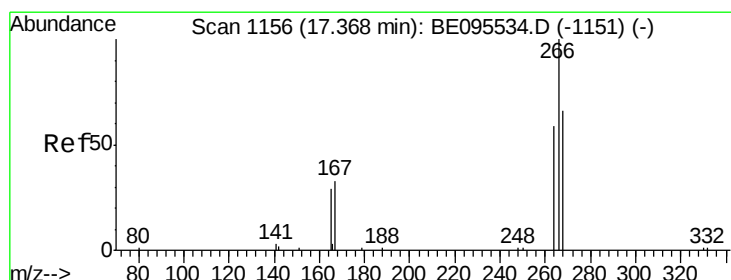
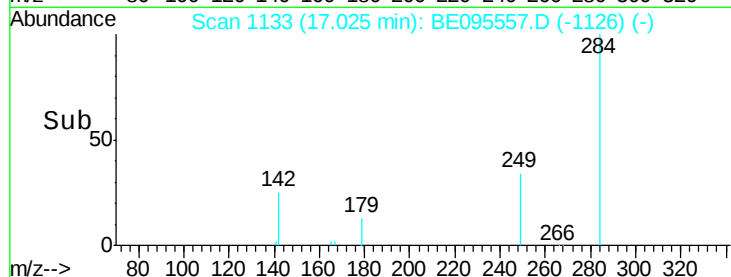
100

0

16.95

17.00

17.05



#22

Pentachlorophenol

Concen: 0.187 ng

RT: 17.37 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BE095557.D

Acq: 7 Feb 2018 17:40

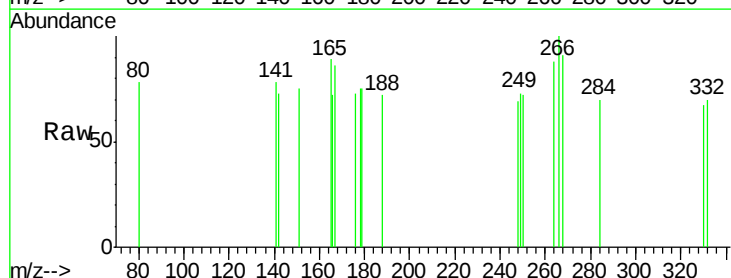
Tgt Ion:266 Resp: 47

Ion Ratio Lower Upper

266 100

264 87.5 72.5 108.7

268 90.6 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

Time-->

17.37

80

60

40

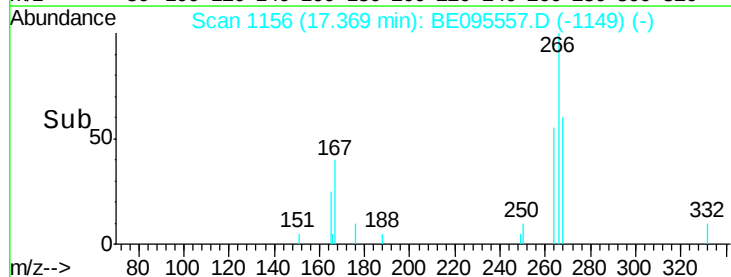
20

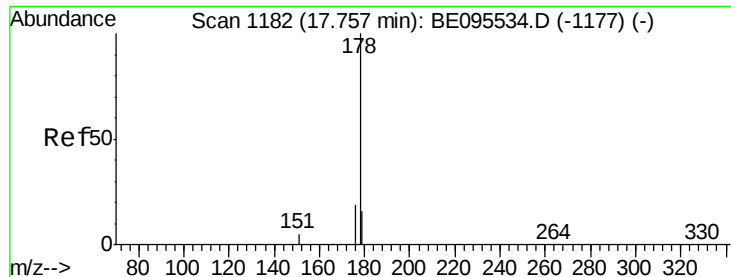
0

17.30

17.40

17.50





#23

Phenanthrene

Concen: 0.086 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE095557.D

Acq: 7 Feb 2018 17:40

Instrument :

BNA_E

ClientSampleId :

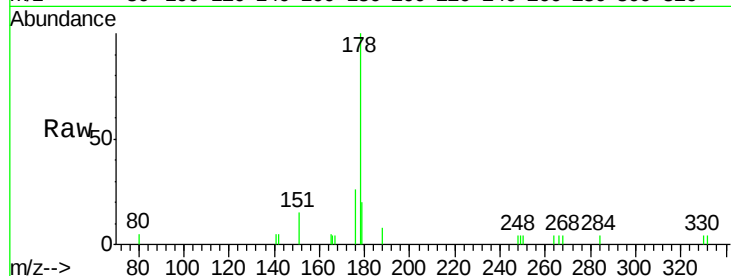
Tot Ion:178 Resp: 1981

Ion Ratio Lower Upper

178 100

176 20.1 15.1 22.7

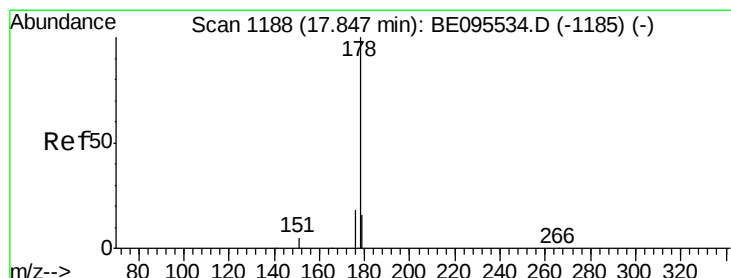
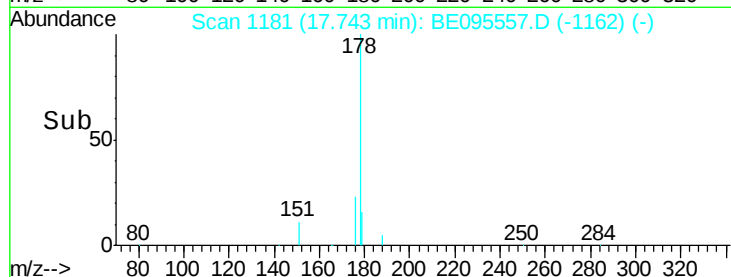
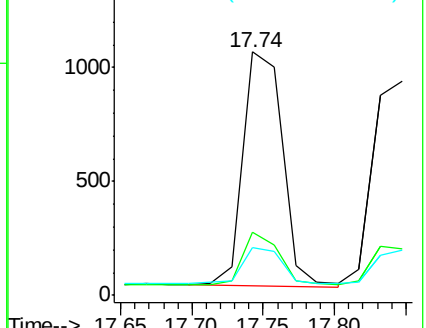
179 14.8 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.081 ng

RT: 17.85 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BE095557.D

Acq: 7 Feb 2018 17:40

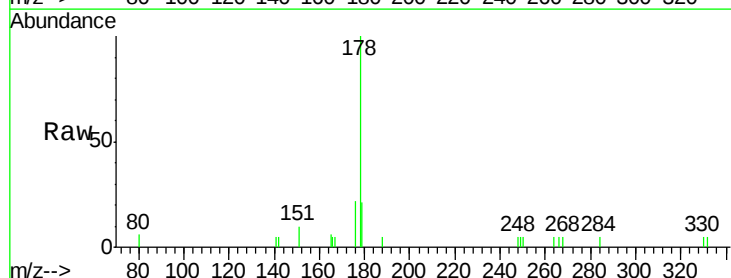
Tgt Ion:178 Resp: 1732

Ion Ratio Lower Upper

178 100

176 19.5 12.8 19.2#

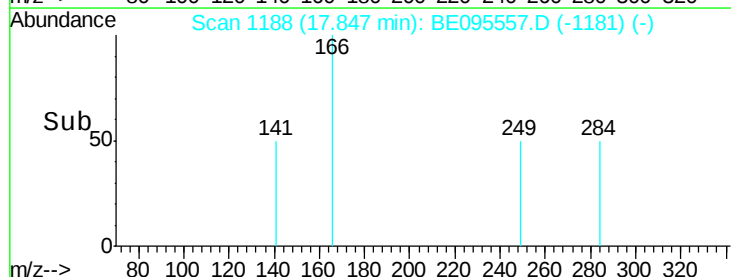
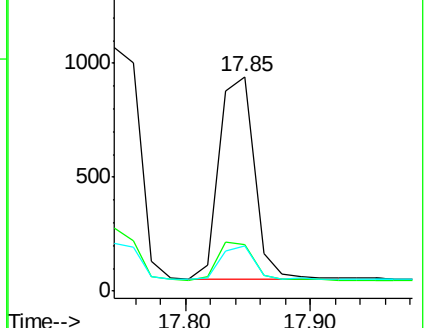
179 16.3 13.0 19.6

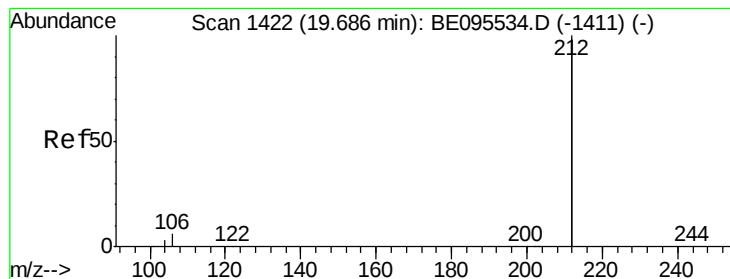


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.272 ng

RT: 19.69 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BE095557.D

Acq: 7 Feb 2018 17:40

Instrument :

BNA_E

ClientSampleId :

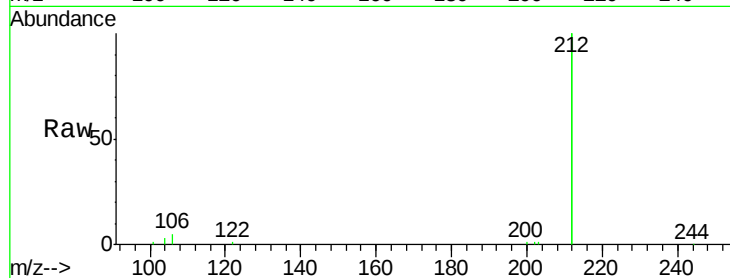
Tot Ion:212 Resp: 26702

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

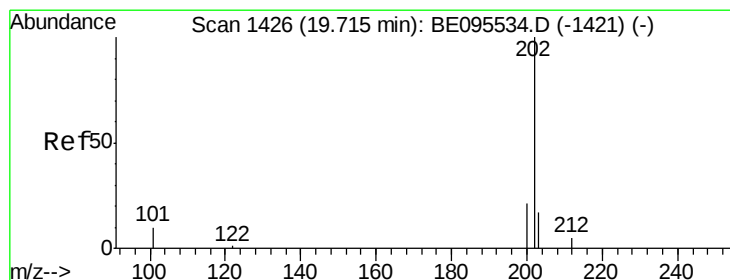
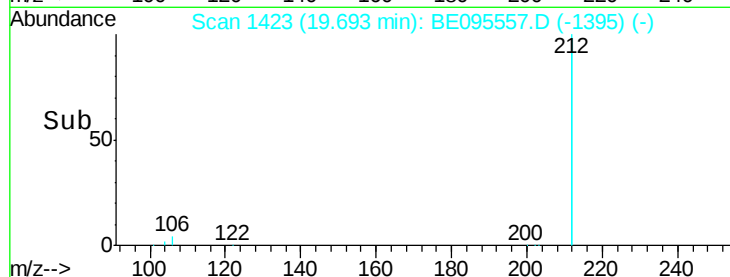
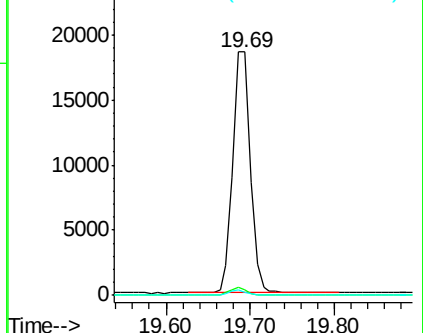
104 1.7 1.6 2.4



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: 0.085 ng

RT: 19.72 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BE095557.D

Acq: 7 Feb 2018 17:40

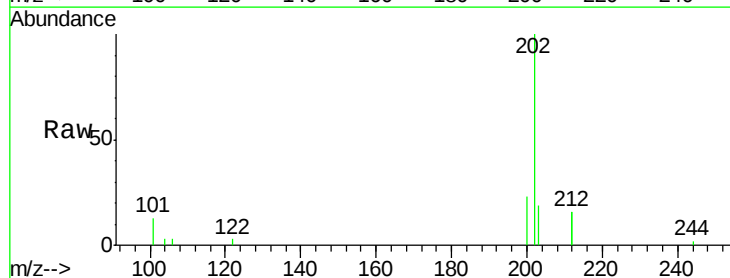
Tgt Ion:202 Resp: 2448

Ion Ratio Lower Upper

202 100

101 10.8 9.8 14.8

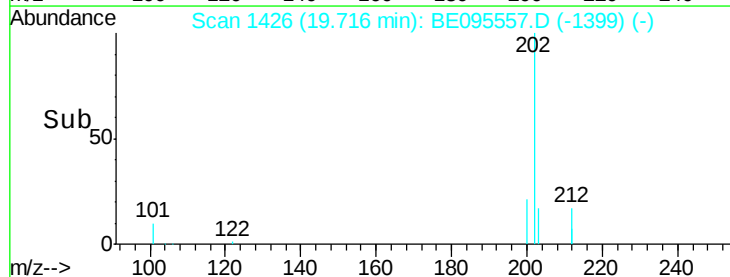
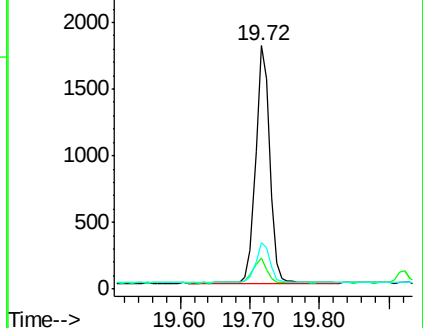
203 16.9 13.7 20.5



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

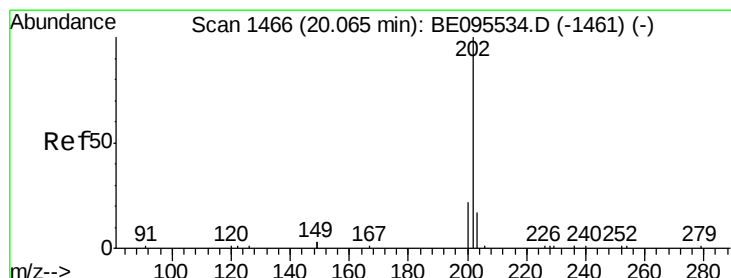
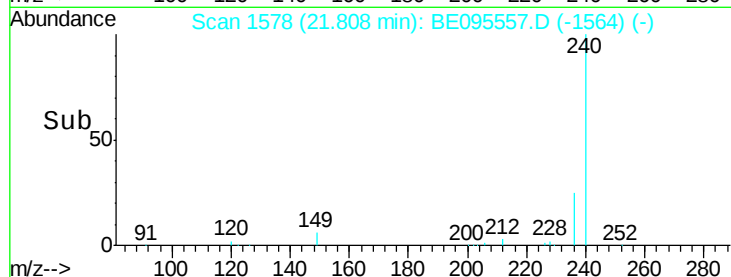
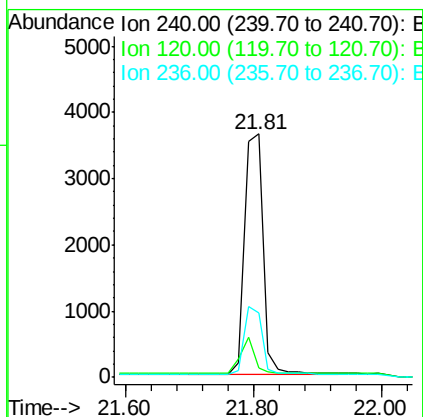
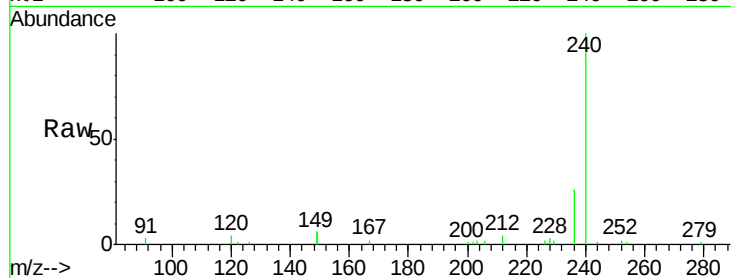




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.81 min Scan# 1578
 Delta R.T. 0.02 min
 Lab File: BE095557.D
 Acq: 7 Feb 2018 17:40

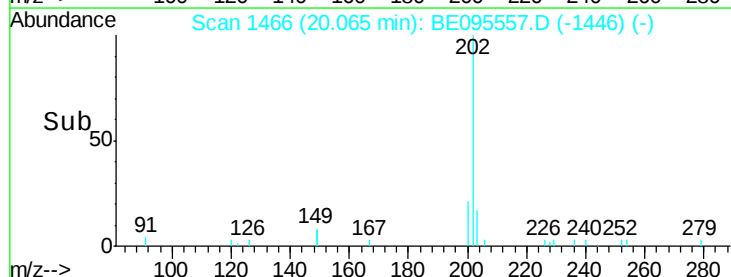
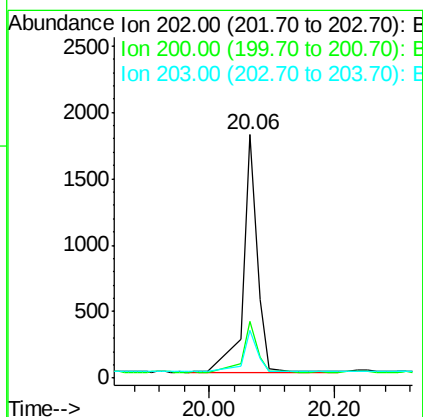
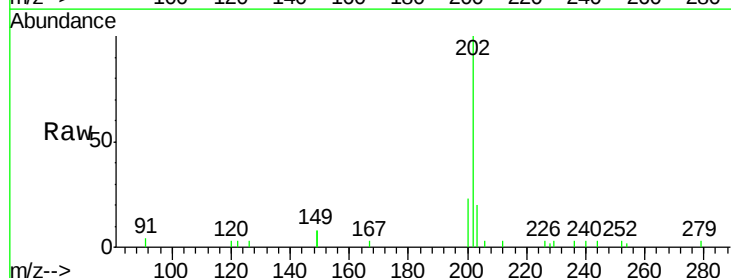
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:240 Resp: 7348
 Ion Ratio Lower Upper
 240 100
 120 3.9 5.5 8.3#
 236 26.4 20.7 31.1



#28
 Pyrene
 Concen: 0.082 ng
 RT: 20.06 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BE095557.D
 Acq: 7 Feb 2018 17:40

Tgt Ion:202 Resp: 2519
 Ion Ratio Lower Upper
 202 100
 200 25.7 16.6 25.0#
 203 17.7 13.8 20.8





#29

Terphenyl-d14

Concen: 0.297 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095557.D

Acq: 7 Feb 2018 17:40

Instrument :

BNA_E

ClientSampleId :

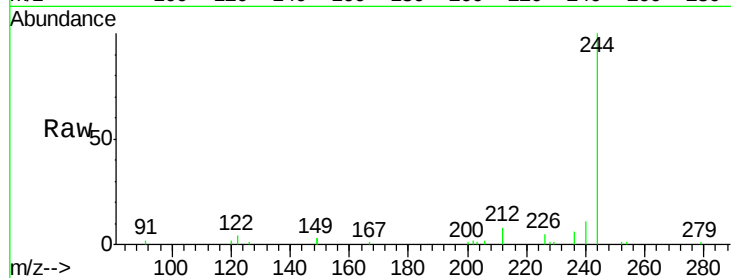
Tot Ion:244 Resp: 4644

Ion Ratio Lower Upper

244 100

212 8.0 25.4 38.0#

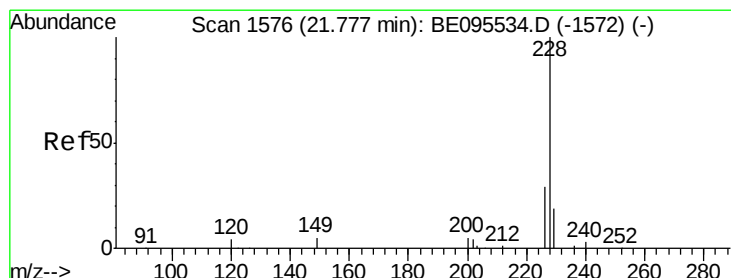
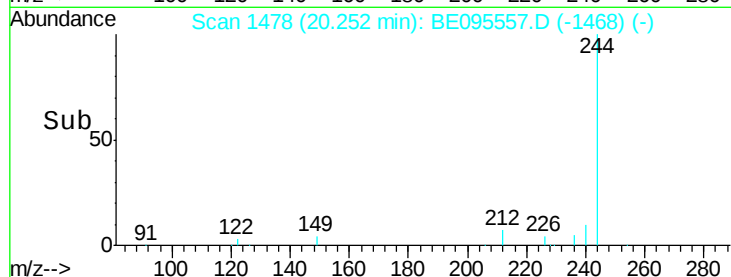
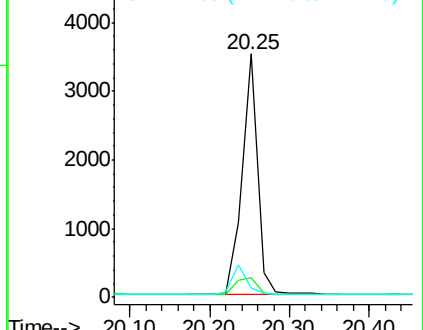
122 3.9 8.1 12.1#



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: 0.084 ng

RT: 21.78 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BE095557.D

Acq: 7 Feb 2018 17:40

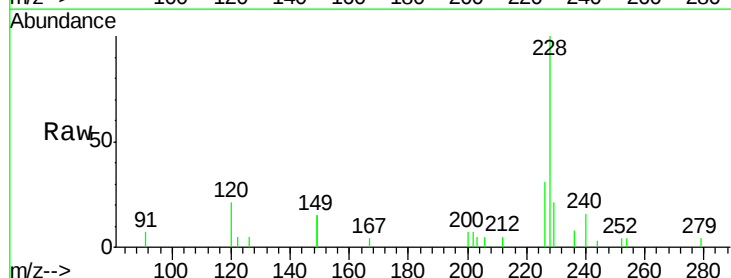
Tgt Ion:228 Resp: 2049

Ion Ratio Lower Upper

228 100

226 30.7 24.0 36.0

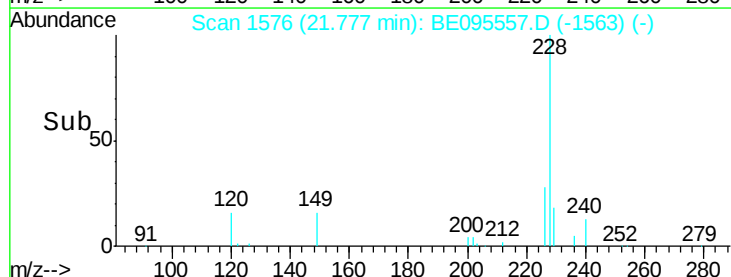
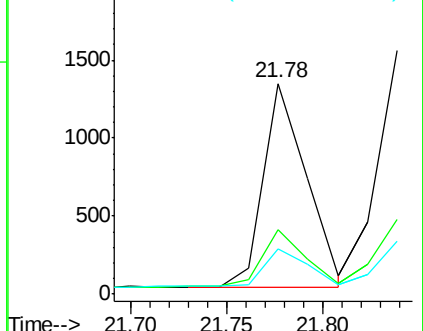
229 21.2 16.0 24.0

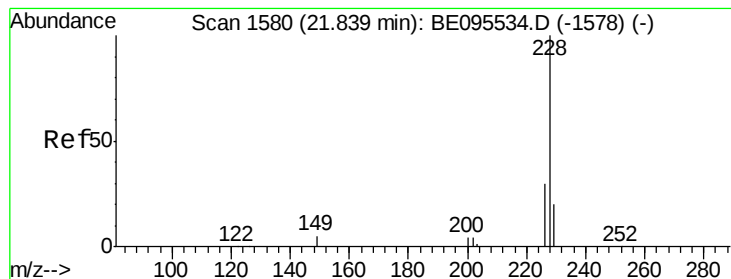


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.088 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BE095557.D

Acq: 7 Feb 2018 17:40

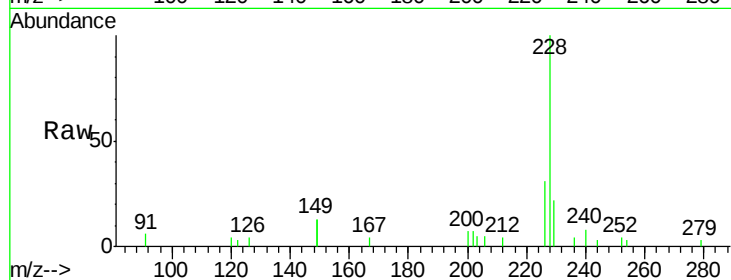
Instrument :

BNA_E

ClientSampled :

Tot Ion:228 Resp: 2133

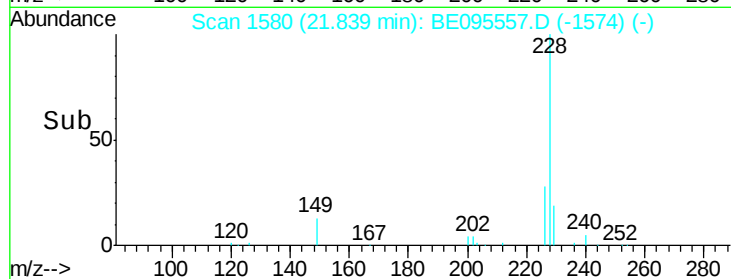
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	21.7	16.0	24.0



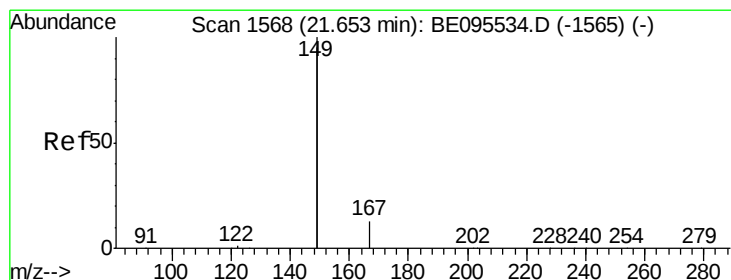
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.068 ng

RT: 21.65 min Scan# 1568

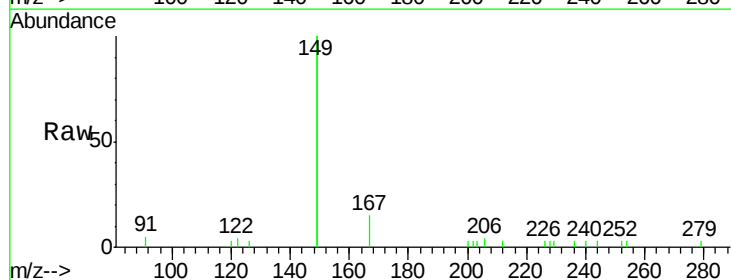
Delta R.T. -0.00 min

Lab File: BE095557.D

Acq: 7 Feb 2018 17:40

Tgt Ion:149 Resp: 3857

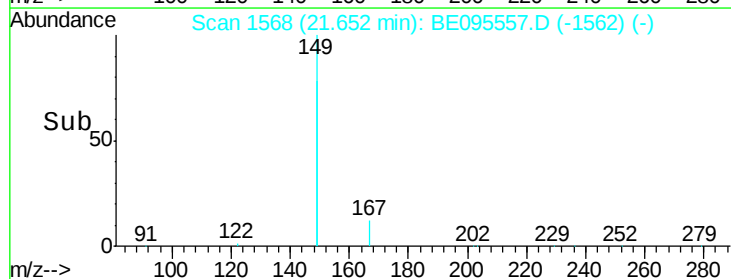
Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.4	8.0
279	1.3	0.7	1.1#



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



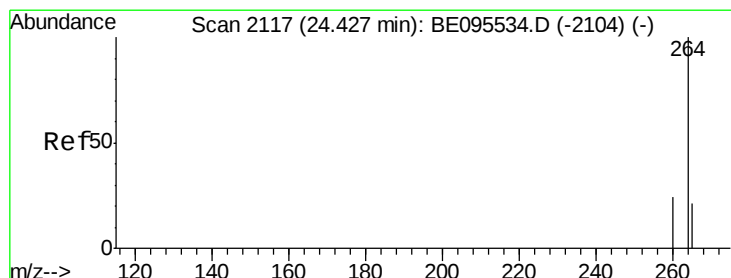
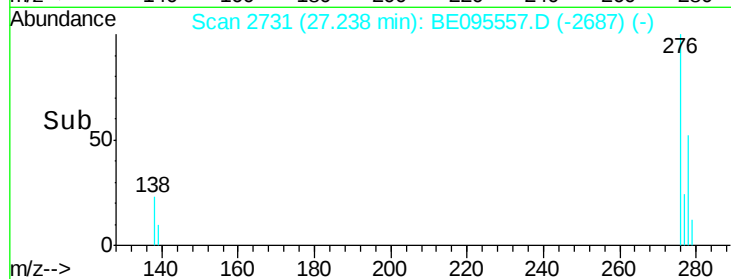
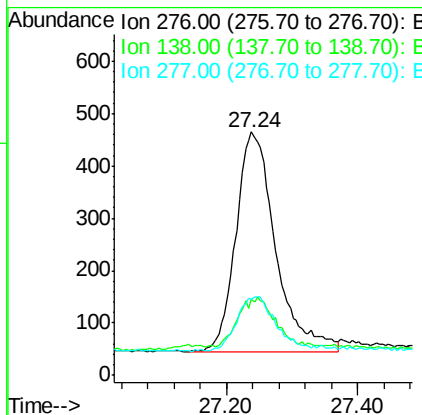
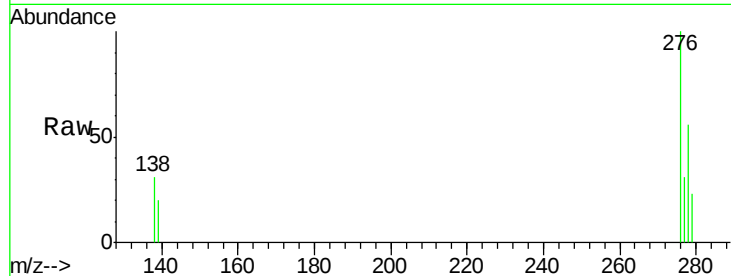
Time-->



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.076 ng
 RT: 27.24 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: BE095557.D
 Acq: 7 Feb 2018 17:40

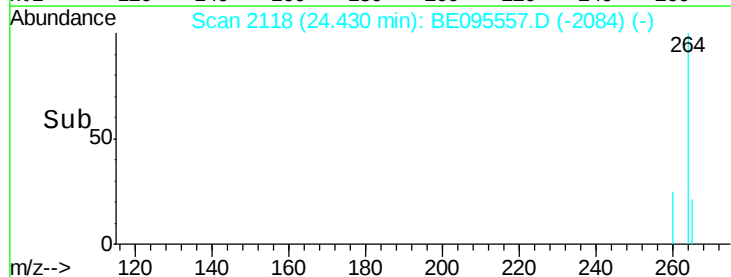
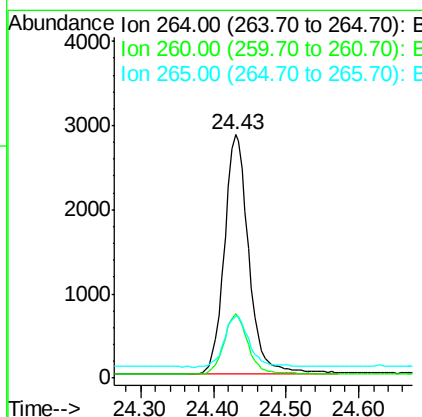
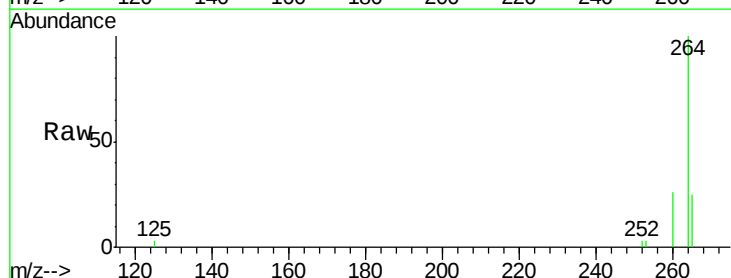
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 1769
 Ion Ratio Lower Upper
 276 100
 138 20.2 22.5 33.7#
 277 23.9 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: BE095557.D
 Acq: 7 Feb 2018 17:40

Tgt Ion:264 Resp: 6672
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.5 30.7
 265 25.3 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.082 ng

RT: 23.66 min Scan# 1950

Delta R.T. 0.05 min

Lab File: BE095557.D

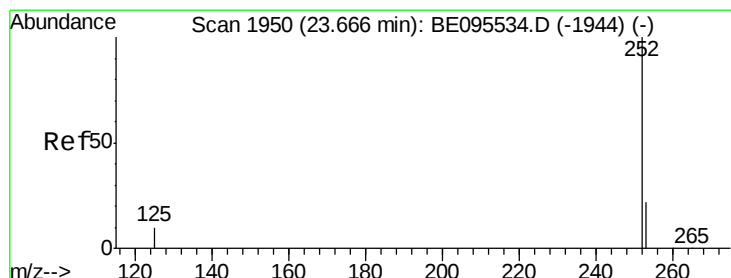
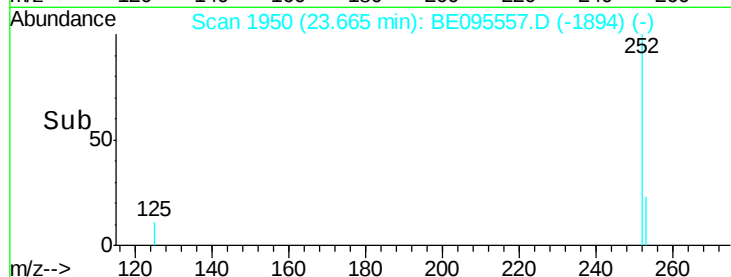
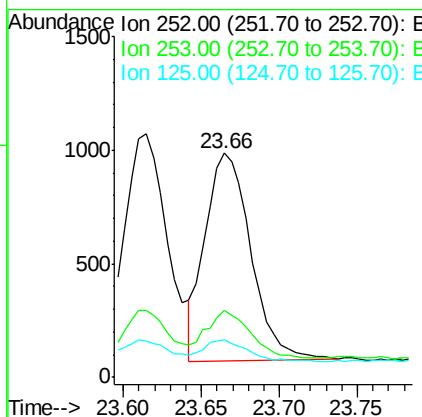
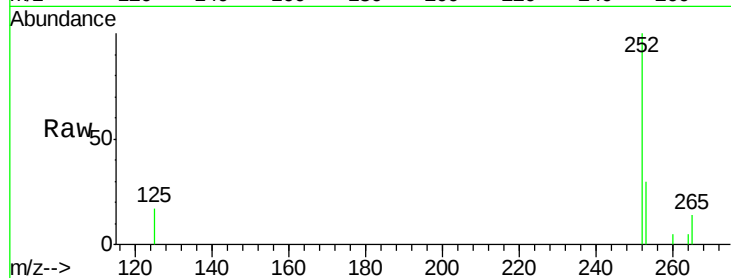
Acq: 7 Feb 2018 17:40

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	252	Resp:	1857
Ion	Ratio	Lower	Upper
252	100		
253	29.8	20.0	30.0
125	16.7	16.0	24.0



#36

Benzo(k)fluoranthene

Concen: 0.079 ng

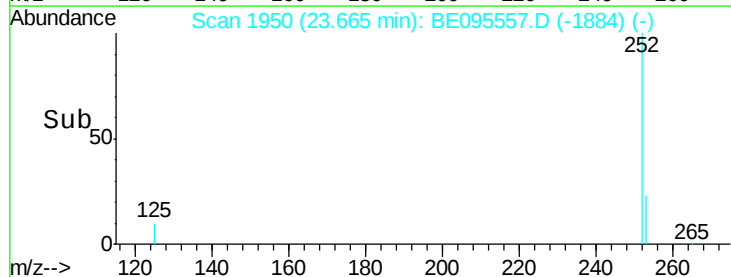
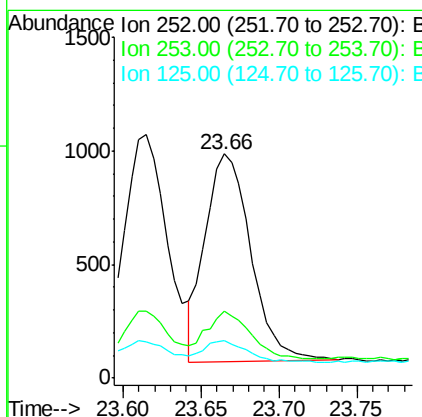
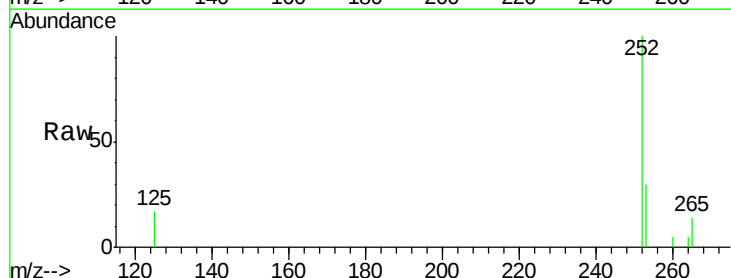
RT: 23.66 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BE095557.D

Acq: 7 Feb 2018 17:40

Tgt Ion:	252	Resp:	1857
Ion	Ratio	Lower	Upper
252	100		
253	29.8	16.0	24.0#
125	16.7	8.0	12.0#





#37

Benzo(a)pyrene

Concen: 0.083 ng

RT: 24.31 min Scan# 2092

Delta R.T. 0.00 min

Lab File: BE095557.D

Acq: 7 Feb 2018 17:40

Instrument :

BNA_E

ClientSampled :

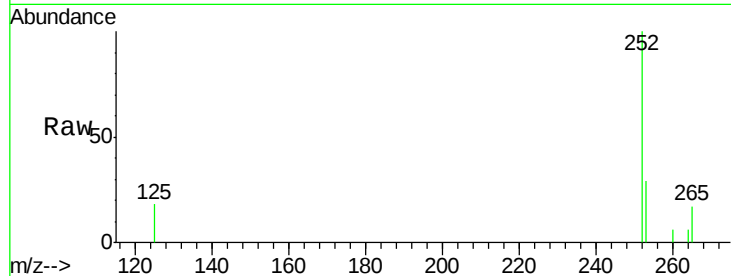
Tot Ion:252 Resp: 1758

Ion Ratio Lower Upper

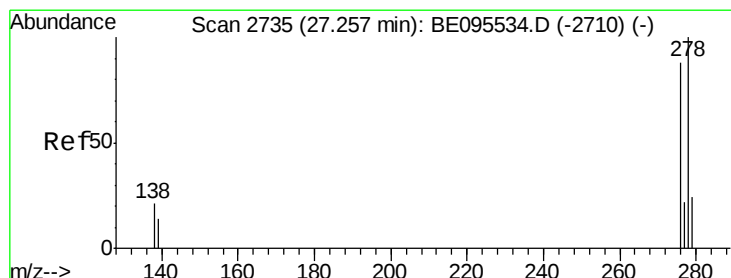
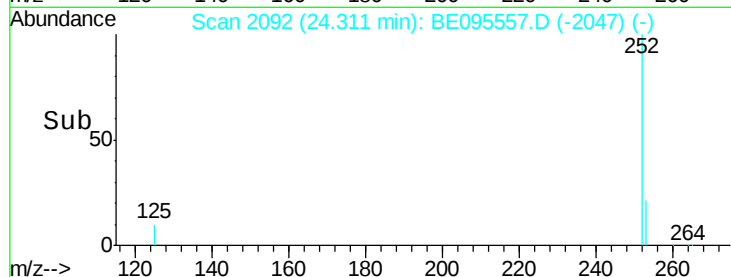
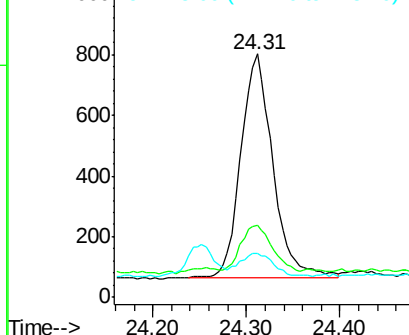
252 100

253 29.4 16.0 24.0#

125 18.3 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: 0.073 ng

RT: 27.26 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BE095557.D

Acq: 7 Feb 2018 17:40

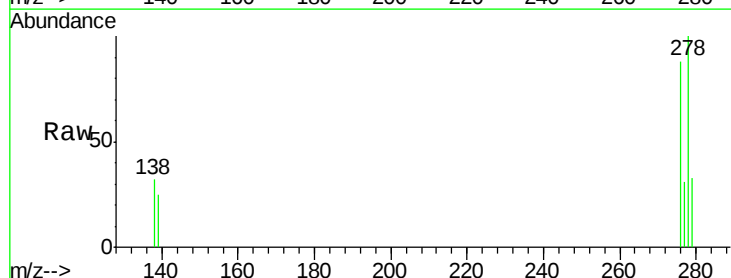
Tgt Ion:278 Resp: 1361

Ion Ratio Lower Upper

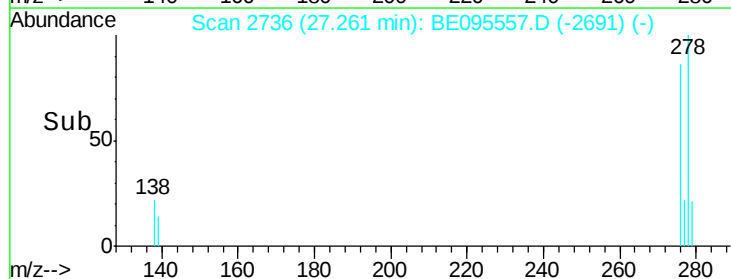
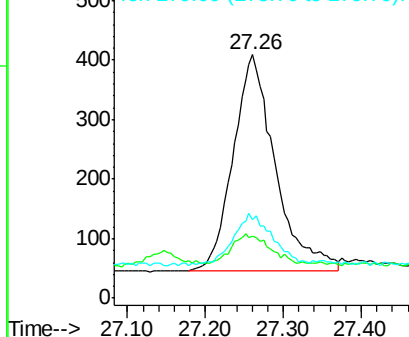
278 100

139 25.4 16.0 24.0#

279 32.5 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: 0.079 ng

RT: 28.11 min Scan# 2923

Delta R.T. 0.00 min

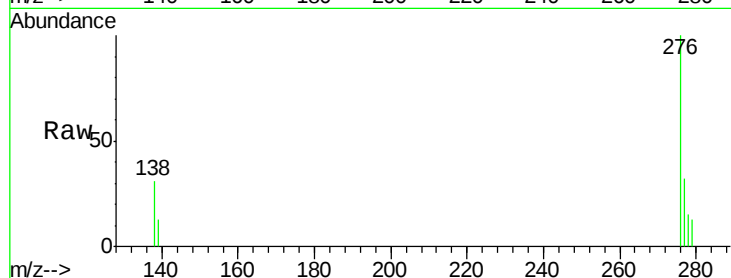
Lab File: BE095557.D

Acq: 7 Feb 2018 17:40

Instrument :

BNA_E

ClientSampleId :



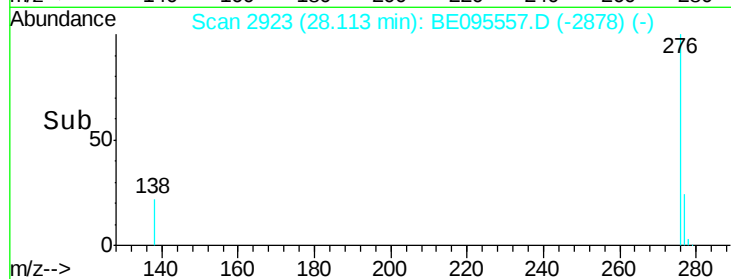
Tot Ion: 276 Resp: 1578

Ion Ratio Lower Upper

276 100

277 31.9 16.0 24.0#

138 31.0 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

