

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012318\
 Data File : BE095104.D
 Acq On : 23 Jan 2018 19:14
 Operator : SJ/JU
 Sample : J1189-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 24 01:11:14 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE012318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 15:47:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6608	0.40	ng	0.00
7) Naphthalene-d8	11.31	136	15865	0.40	ng	0.00
13) Acenaphthene-d10	15.03	164	9012	0.40	ng	0.00
19) Phenanthrene-d10	17.74	188	20639	0.40	ng	0.00
27) Chrysene-d12	21.84	240	19844	0.40	ng	0.00
34) Perylene-d12	24.48	264	17715	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.94	112	1995	0.19	ng	0.00
5) Phenol-d6	7.59	99	1839	0.11	ng	0.01
8) Nitrobenzene-d5	9.55	82	437	0.03	ng	-0.09
11) 2-Methylnaphthalene-d10	12.84	152	11560	0.44	ng	0.00
14) 2,4,6-Tribromophenol	16.50	330	1661	0.64	ng	0.00
15) 2-Fluorobiphenyl	13.68	172	21621	0.55	ng	0.00
25) Fluoranthene-d10	19.72	212	122825	0.47	ng	0.00
29) Terphenyl-d14	20.28	244	25879	0.64	ng	0.00

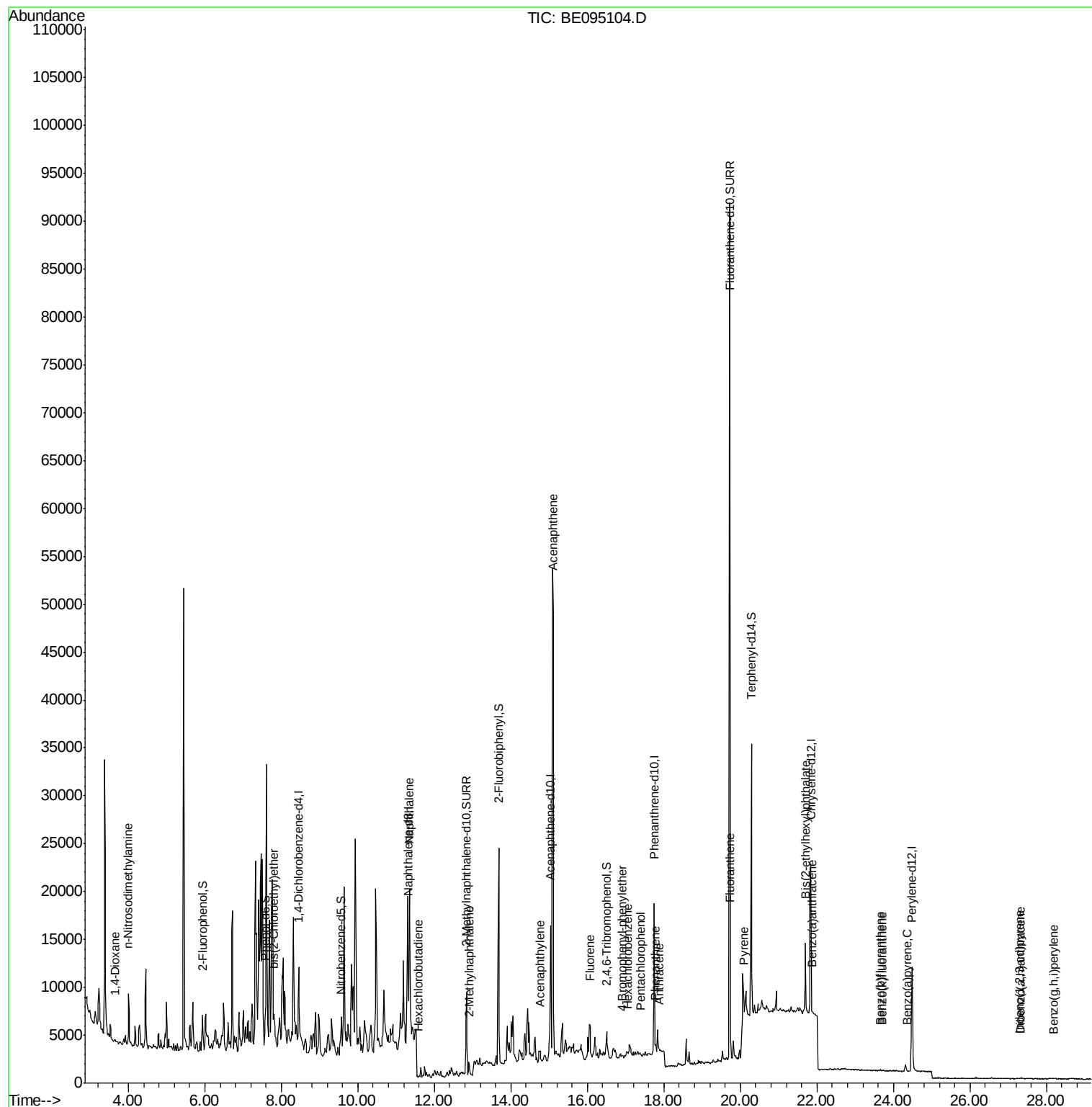
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.66	88	158	0.024	ng	# 1
3) n-Nitrosodimethylamine	4.00	42	468	0.060	ng	# 1
6) bis(2-Chloroethyl)ether	7.80	93	1395	0.092	ng	# 1
9) Naphthalene	11.34	128	29046	0.160	ng	# 91
10) Hexachlorobutadiene	11.58	225	1	0.000	ng	# 1
12) 2-Methylnaphthalene	12.91	142	999	0.032	ng	# 68
16) Acenaphthylene	14.76	152	803	0.017	ng	# 44
17) Acenaphthene	15.10	154	31817	1.014	ng	# 96
18) Fluorene	16.07	166	2825	0.072	ng	# 85
20) 4-Bromophenyl-phenylether	16.92	248	31	0.003	ng	# 1
21) Hexachlorobenzene	17.06	284	14	0.001	ng	# 1
22) Pentachlorophenol	17.40	266	106	0.075	ng	# 85
23) Phenanthrene	17.79	178	1226	0.019	ng	# 99
24) Anthracene	17.88	178	959	0.017	ng	# 77
26) Fluoranthene	19.75	202	281	0.004	ng	# 48
28) Pyrene	20.10	202	429	0.005	ng	# 32
30) Benzo(a)anthracene	21.87	228	266	0.004	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.70	149	9670	0.112	ng	# 97
33) Indeno(1,2,3-cd)pyrene	27.30	276	21	0.000	ng	# 86
35) Benzo(b)fluoranthene	23.66	252	110	0.002	ng	# 1
36) Benzo(k)fluoranthene	23.72	252	67	0.001	ng	# 1
37) Benzo(a)pyrene	24.36	252	50	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	27.34	278	123	0.003	ng	# 1
39) Benzo(g,h,i)perylene	28.20	276	53	0.001	ng	# 1

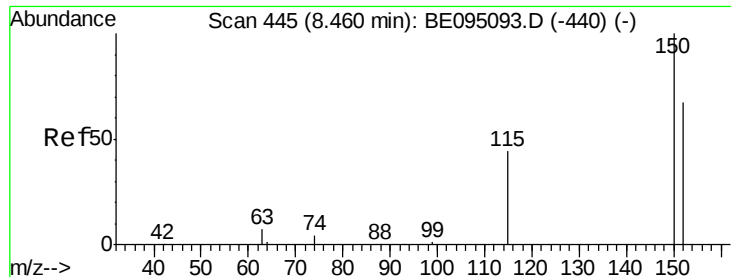
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 445

Delta R.T. -0.00 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

Instrument :

BNA_E

ClientSampleId :

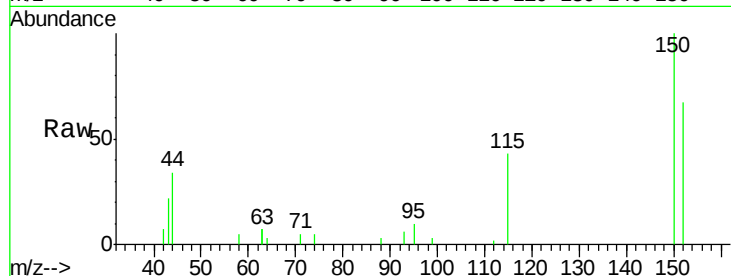
Tot Ion:152 Resp: 6608

Ion Ratio Lower Upper

152 100

150 150.2 117.2 175.8

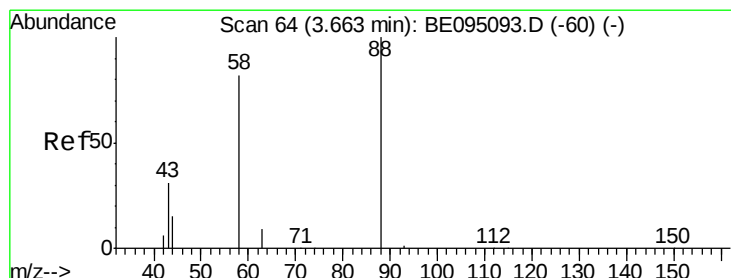
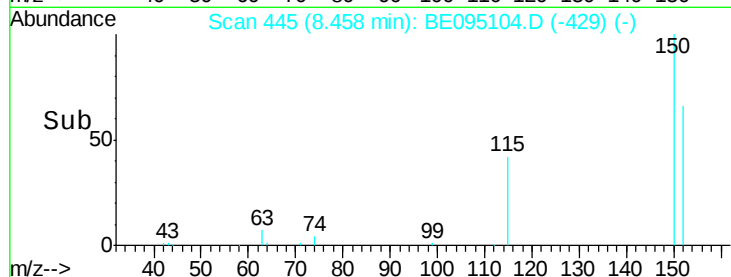
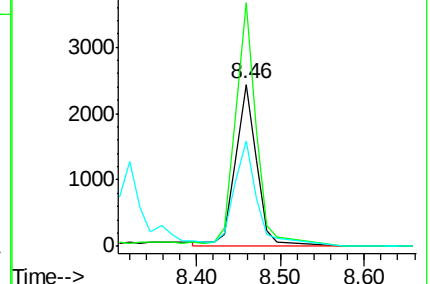
115 65.3 57.0 85.6



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: 0.024 ng

RT: 3.66 min Scan# 64

Delta R.T. -0.00 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

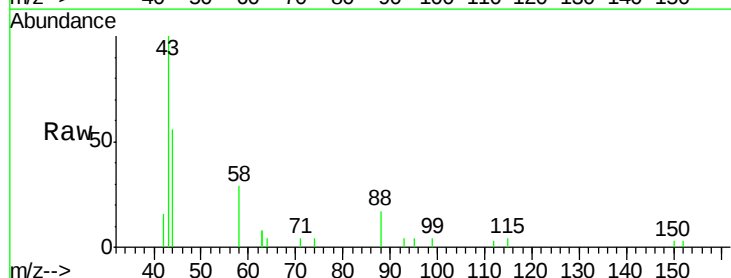
Tgt Ion: 88 Resp: 158

Ion Ratio Lower Upper

88 100

58 0.0 63.2 94.8#

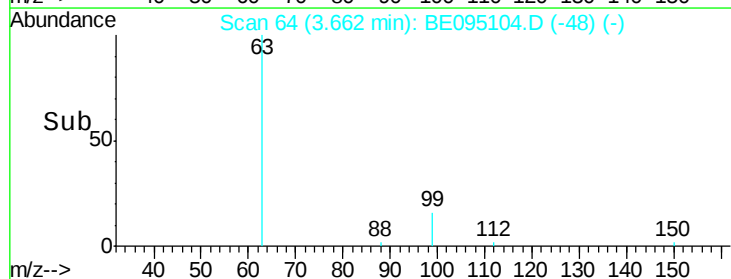
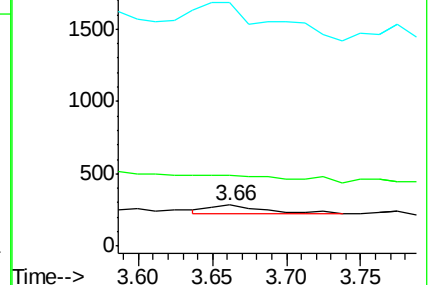
43 701.3 41.2 61.8#

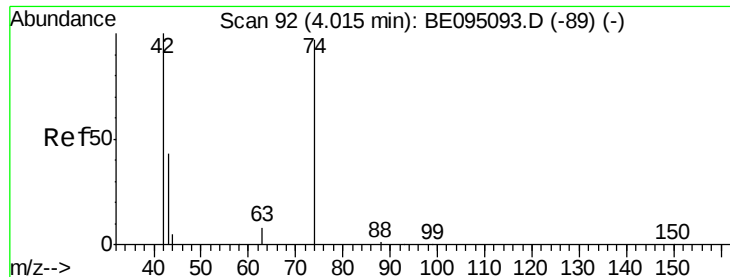


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



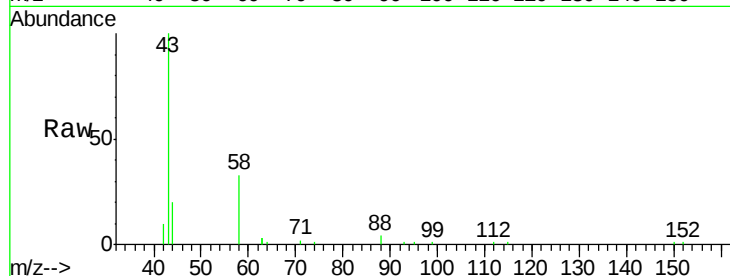


#3

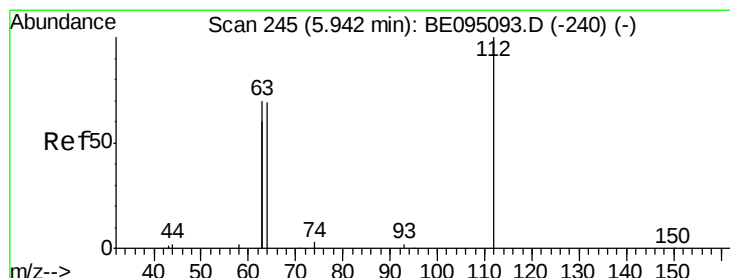
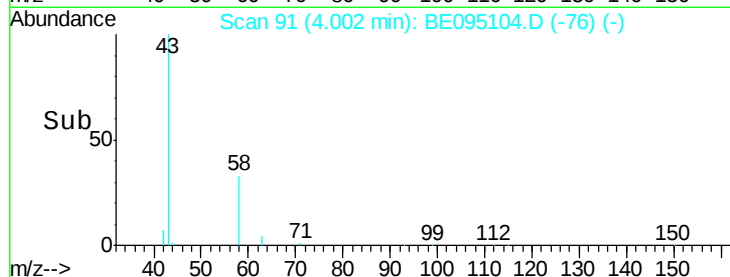
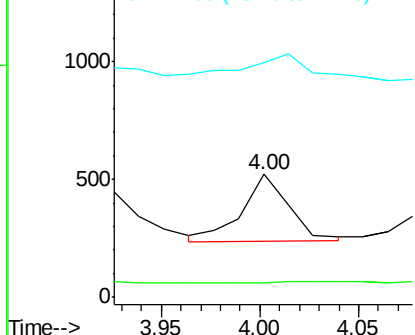
n-Nitrosodimethylamine
 Concen: 0.060 ng
 RT: 4.00 min Scan# 91
 Delta R.T. -0.01 min
 Lab File: BE095104.D
 Acq: 23 Jan 2018 19:14

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.0	144.0#
44	0.0	12.0	18.0#



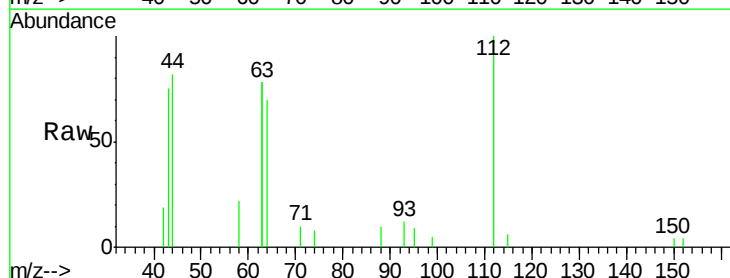
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



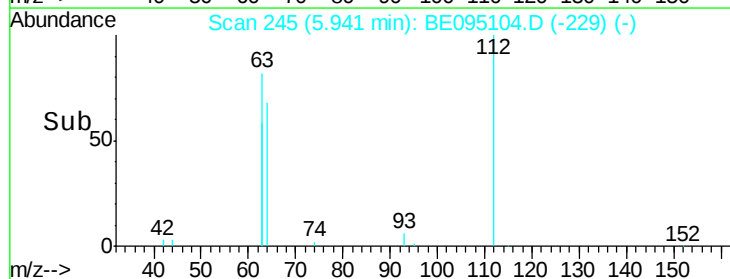
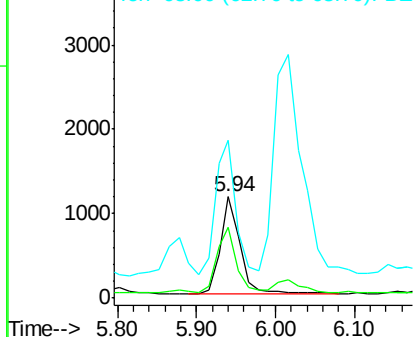
#4

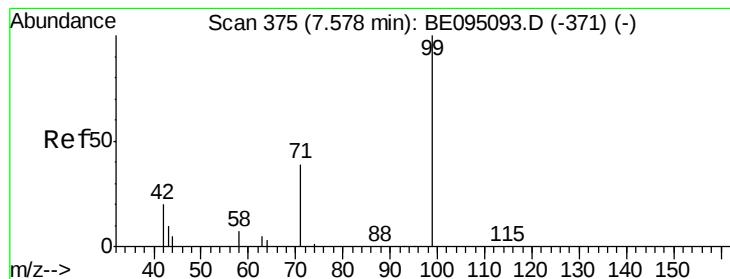
2-Fluorophenol
 Concen: 0.187 ng
 RT: 5.94 min Scan# 245
 Delta R.T. -0.00 min
 Lab File: BE095104.D
 Acq: 23 Jan 2018 19:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	60.1	90.1
63	141.2	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: 0.113 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.01 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

Instrument :

BNA_E

ClientSampleId :

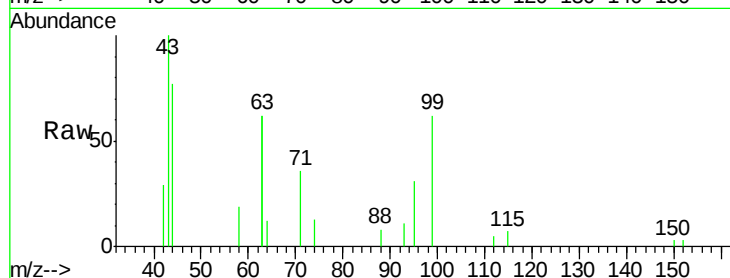
Tot Ion: 99 Resp: 1839

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

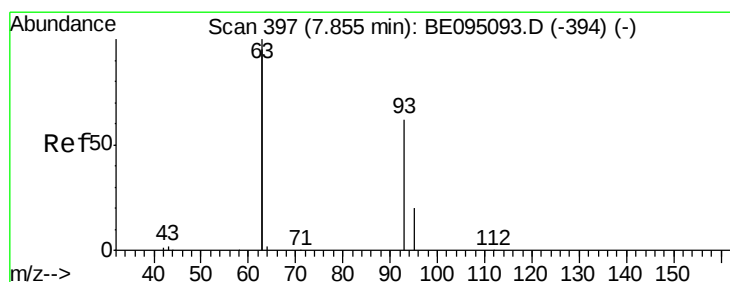
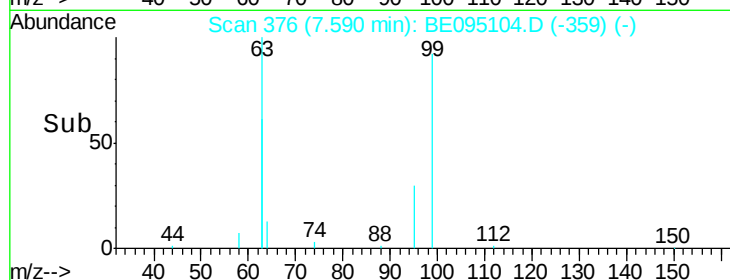
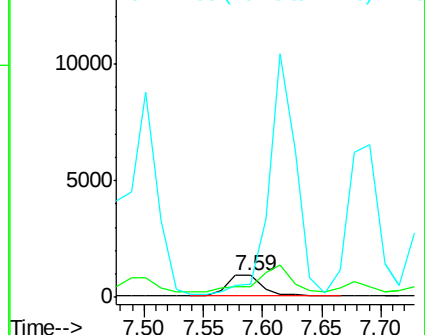
71 0.0 28.4 42.6#



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: 0.092 ng

RT: 7.80 min Scan# 393

Delta R.T. -0.05 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

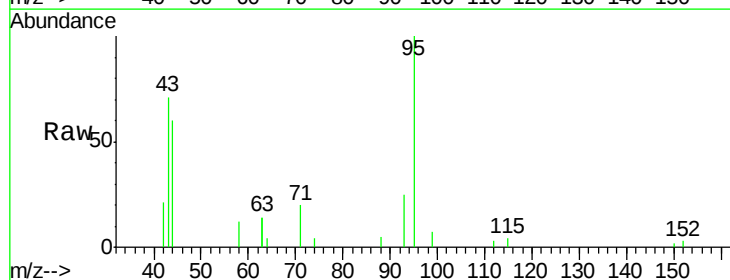
Tgt Ion: 93 Resp: 1395

Ion Ratio Lower Upper

93 100

63 135.1 275.3 412.9#

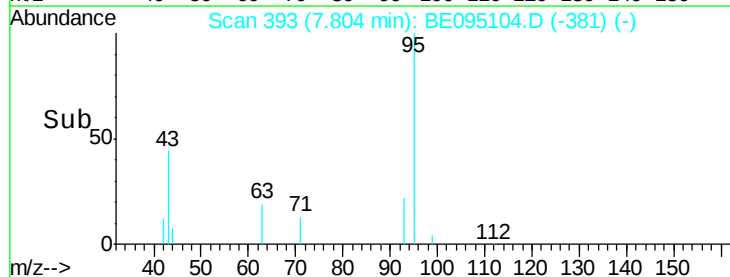
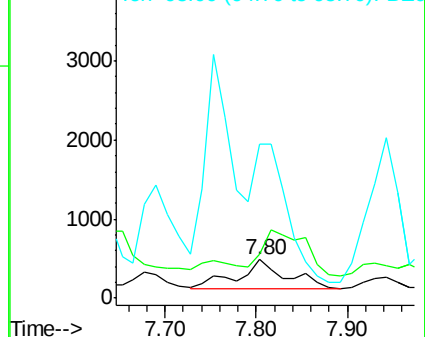
95 303.2 25.2 37.8#

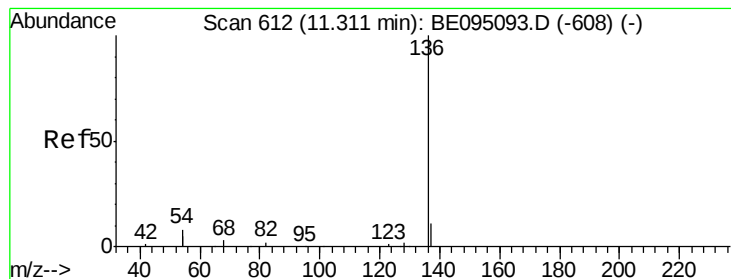


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 11.31 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 15865

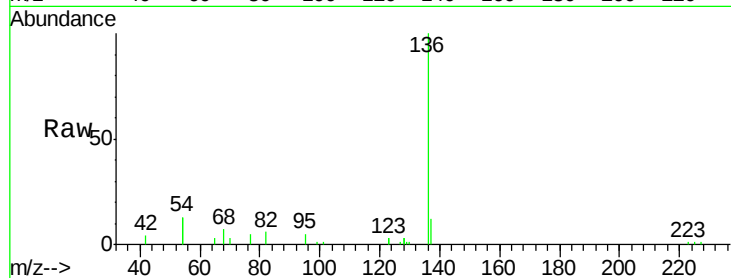
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 26.2 29.1 43.7#

68 7.2 6.2 9.2



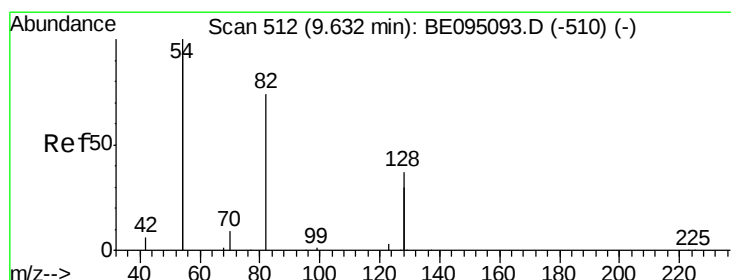
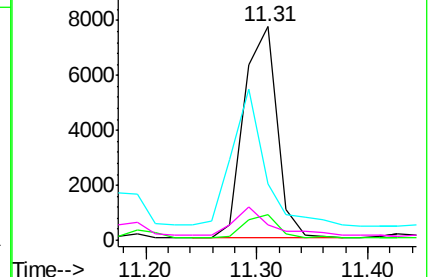
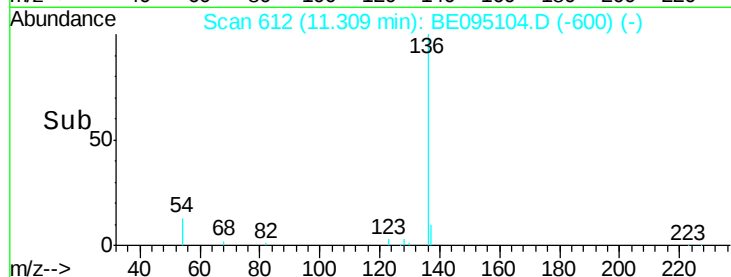
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



#8

Nitrobenzene-d5

Concen: 0.030 ng

RT: 9.55 min Scan# 507

Delta R.T. -0.09 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

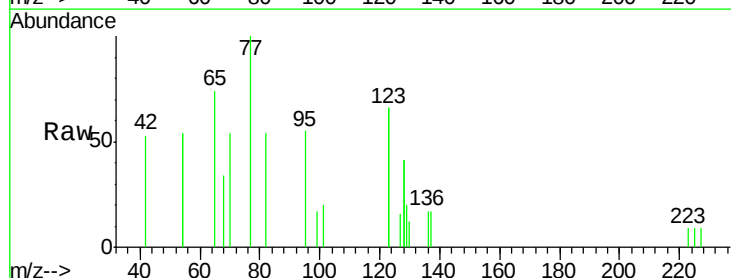
Tgt Ion: 82 Resp: 437

Ion Ratio Lower Upper

82 100

128 150.2 150.0 225.0

54 197.9 154.2 231.4

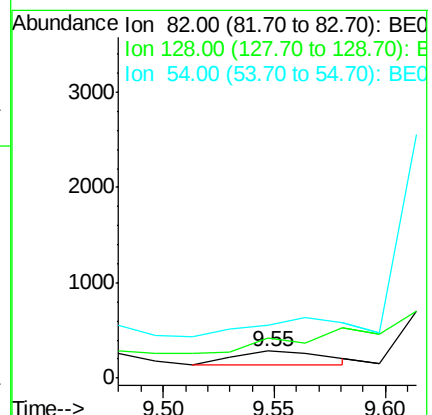
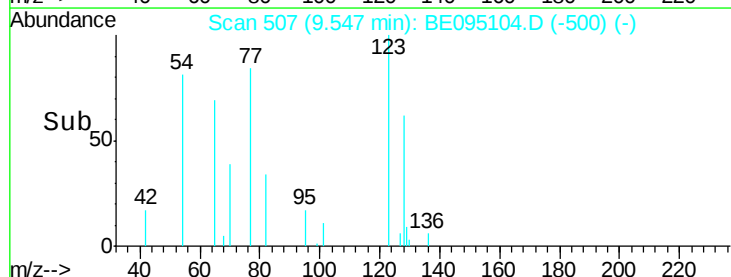


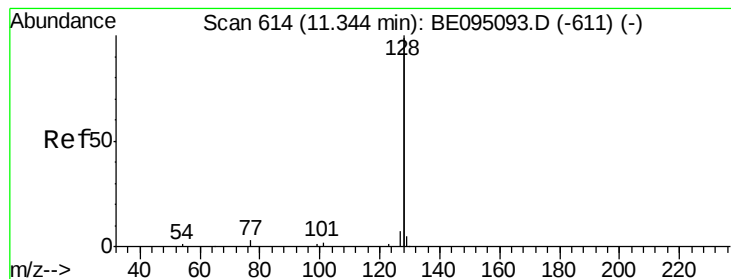
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

Time-->





#9

Naphthalene

Concen: 0.160 ng

RT: 11.34 min Scan# 614

Delta R.T. -0.00 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

Instrument :

BNA_E

ClientSampleId :

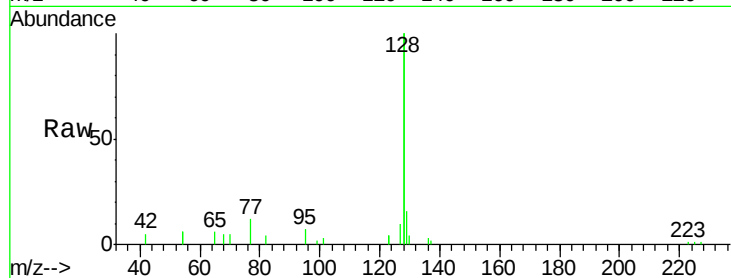
Tot Ion:128 Resp: 29046

Ion Ratio Lower Upper

128 100

129 8.0 2.6 3.8#

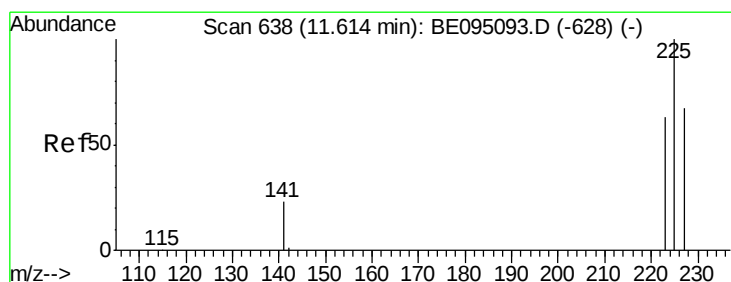
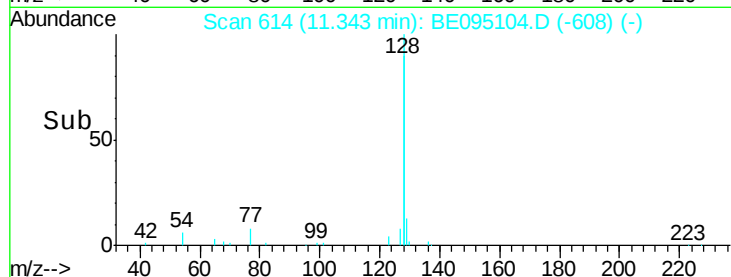
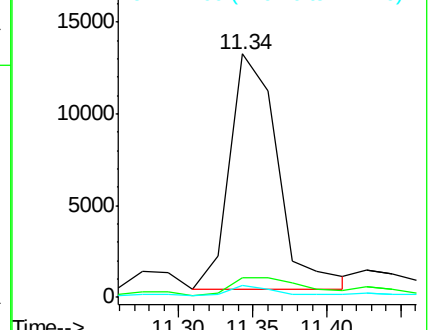
127 4.8 2.8 4.2#



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: 0.000 ng

RT: 11.58 min Scan# 633

Delta R.T. -0.03 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

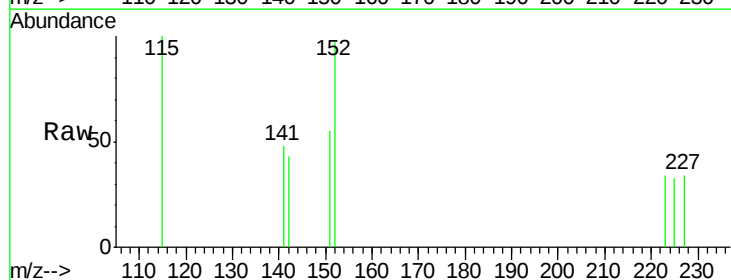
Tgt Ion:225 Resp: 1

Ion Ratio Lower Upper

225 100

223 0.0 53.0 79.6#

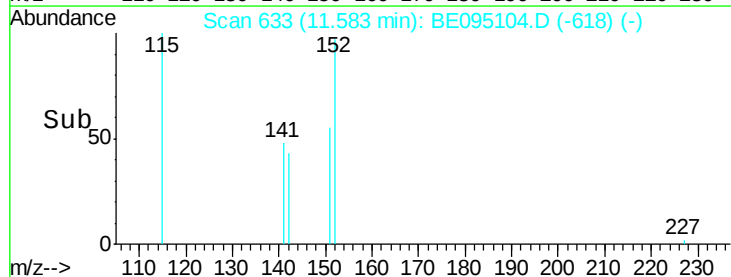
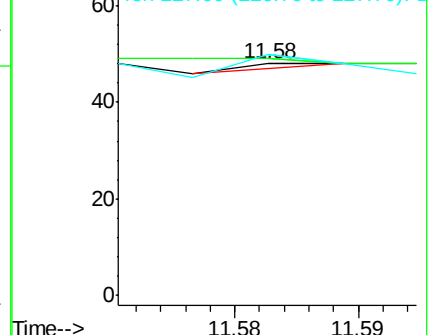
227 500.0 51.4 77.2#

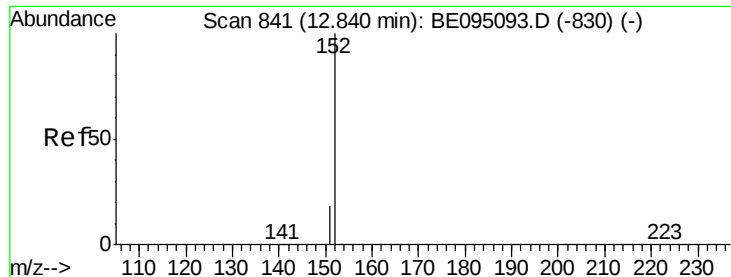


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

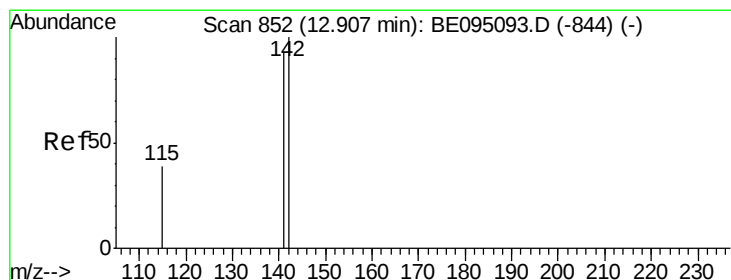
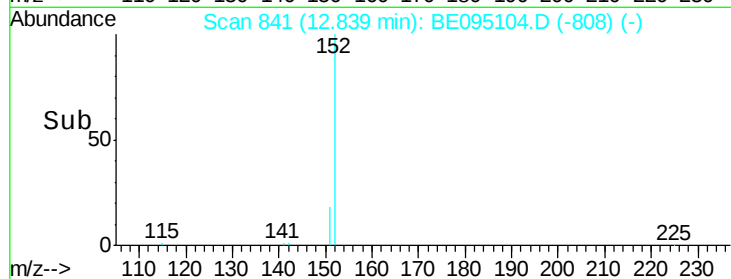
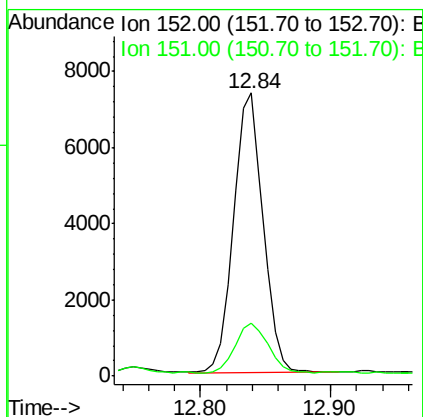
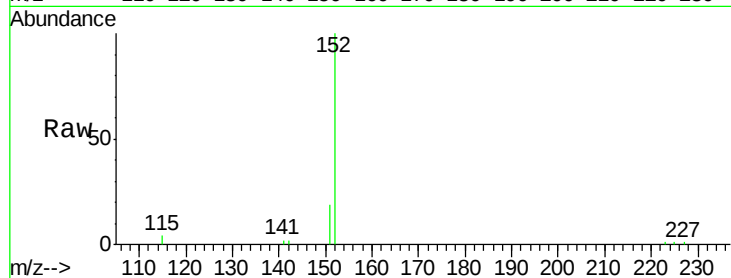




#11
2-Methylnaphthalene-d10
Concen: 0.439 ng
RT: 12.84 min Scan# 841
Delta R.T. -0.00 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

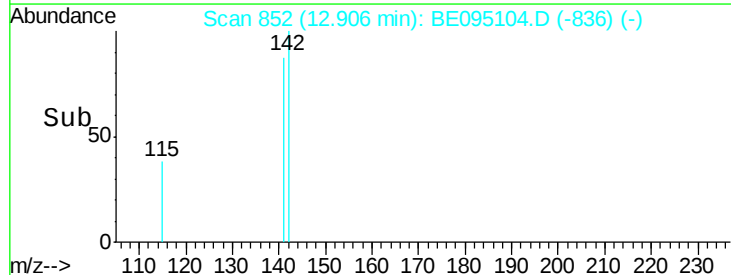
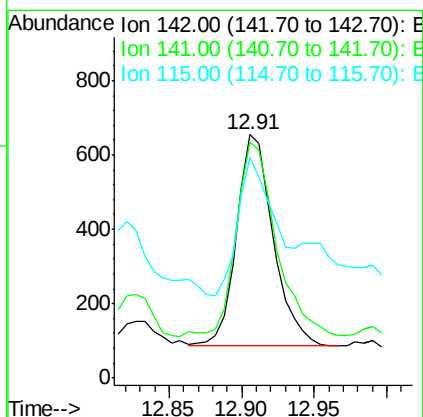
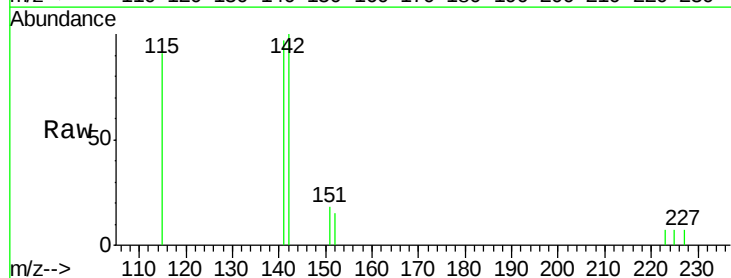
Instrument :
BNA_E
ClientSampleId :

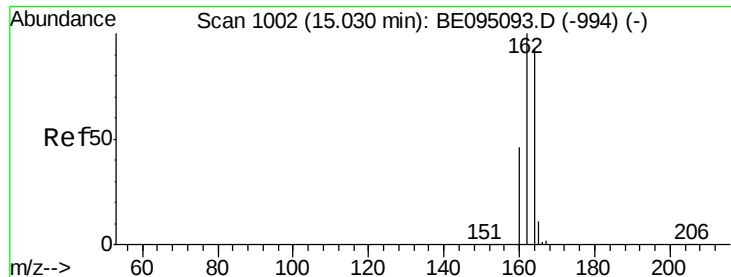
Tot Ion:152 Resp: 11560
Ion Ratio Lower Upper
152 100
151 20.1 15.4 23.0



#12
2-Methylnaphthalene
Concen: 0.032 ng
RT: 12.91 min Scan# 852
Delta R.T. -0.00 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Tgt Ion:142 Resp: 999
Ion Ratio Lower Upper
142 100
141 96.8 70.4 105.6
115 90.7 31.7 47.5#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.03 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

Instrument :

BNA_E

ClientSampleId :

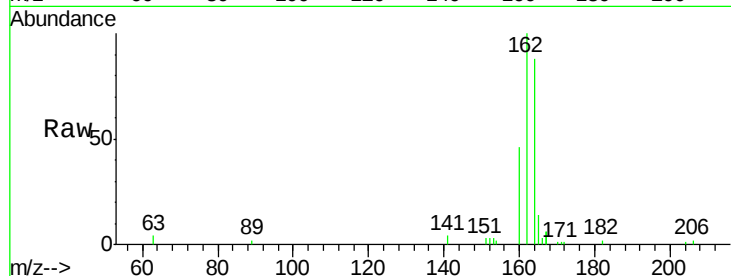
Tot Ion:164 Resp: 9012

Ion Ratio Lower Upper

164 100

162 113.6 83.1 124.7

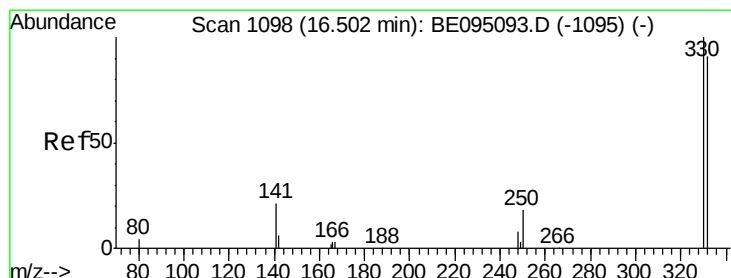
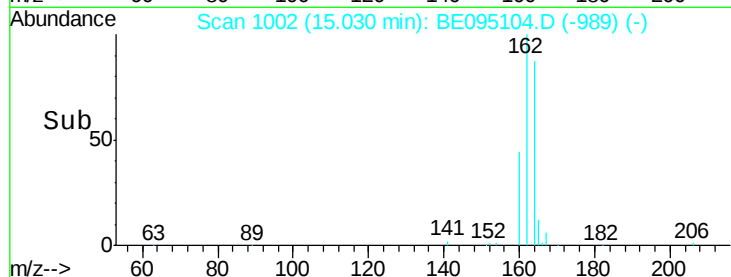
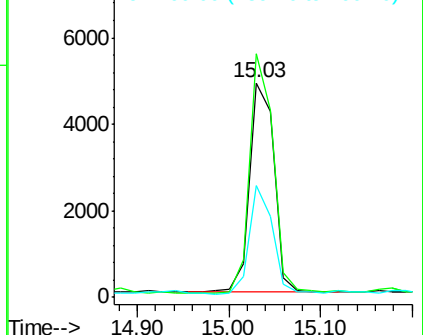
160 51.9 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.639 ng

RT: 16.50 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

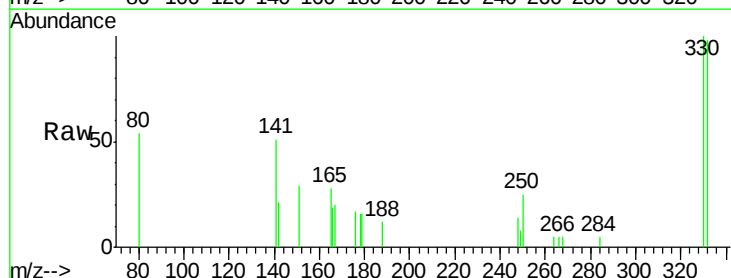
Tgt Ion:330 Resp: 1661

Ion Ratio Lower Upper

330 100

332 96.9 152.7 229.1#

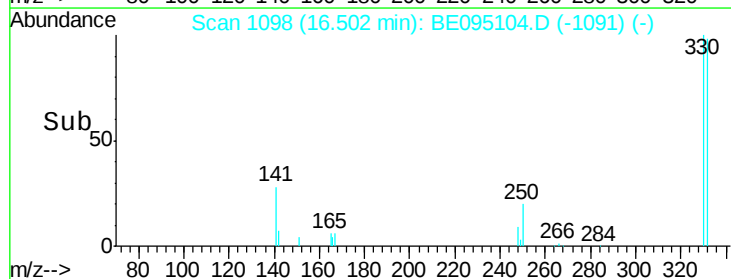
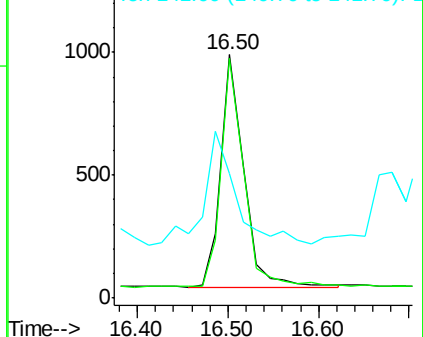
141 66.0 33.7 50.5#

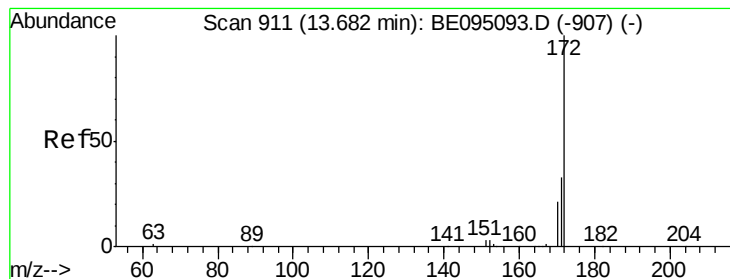


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.546 ng

RT: 13.68 min Scan# 911

Delta R.T. -0.00 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

Instrument :

BNA_E

ClientSampleId :

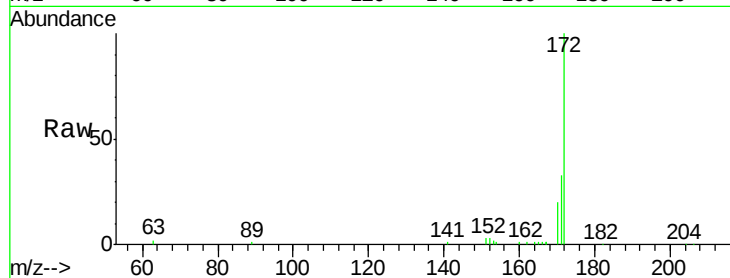
Tot Ion:172 Resp: 21621

Ion Ratio Lower Upper

172 100

171 32.9 29.9 44.9

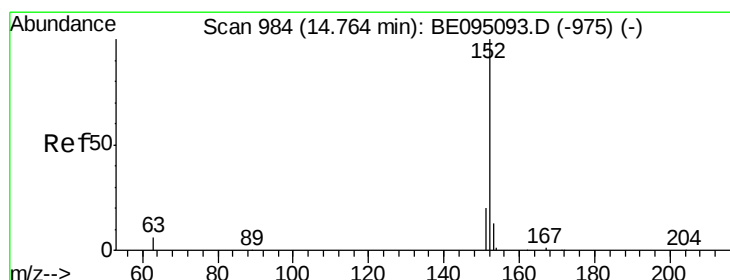
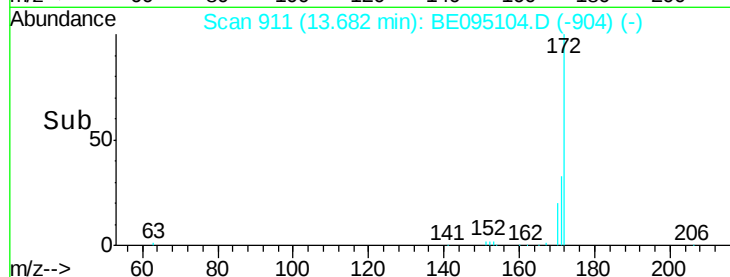
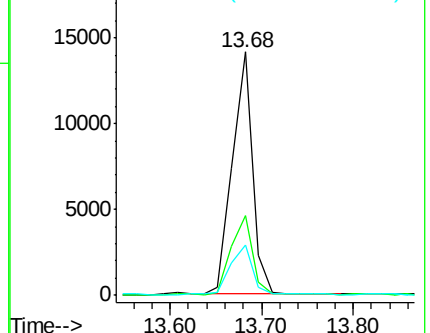
170 20.5 21.8 32.8#



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: 0.017 ng

RT: 14.76 min Scan# 984

Delta R.T. -0.00 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

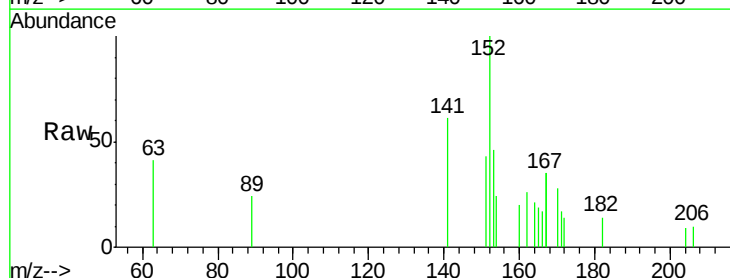
Tgt Ion:152 Resp: 803

Ion Ratio Lower Upper

152 100

151 35.5 15.7 23.5#

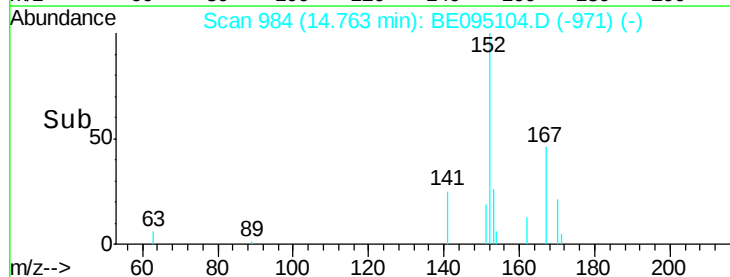
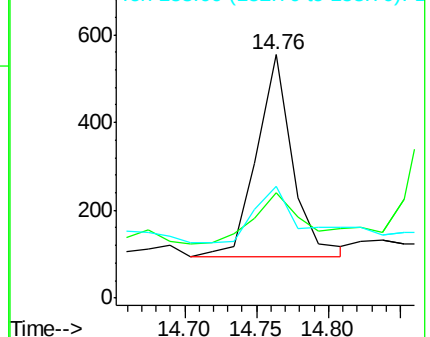
153 47.6 10.5 15.7#

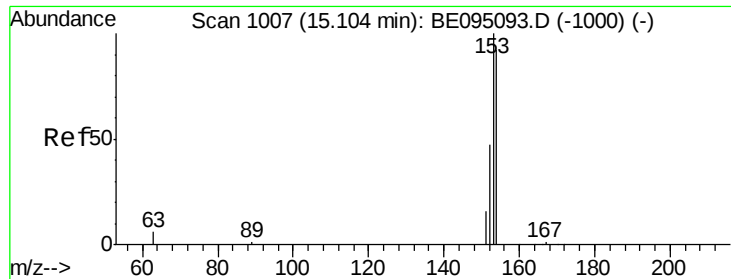


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 1.014 ng

RT: 15.10 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

Instrument :

BNA_E

ClientSampleId :

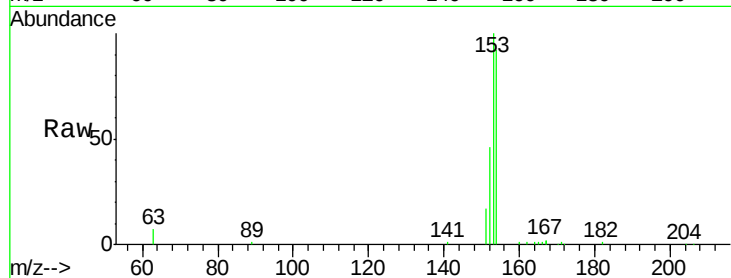
Tot Ion:154 Resp: 31817

Ion Ratio Lower Upper

154 100

153 115.3 89.2 133.8

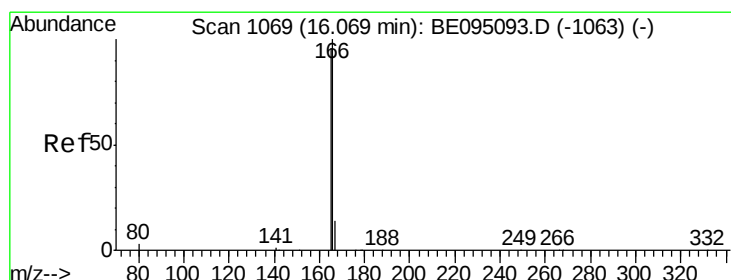
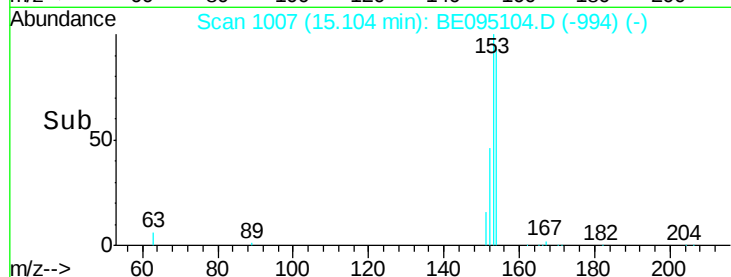
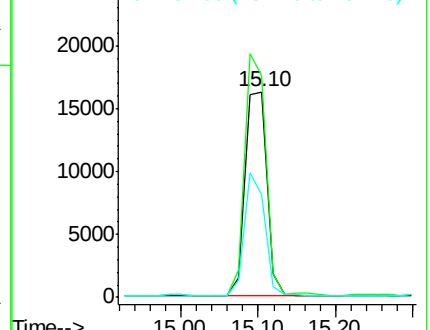
152 56.5 42.0 63.0



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: 0.072 ng

RT: 16.07 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

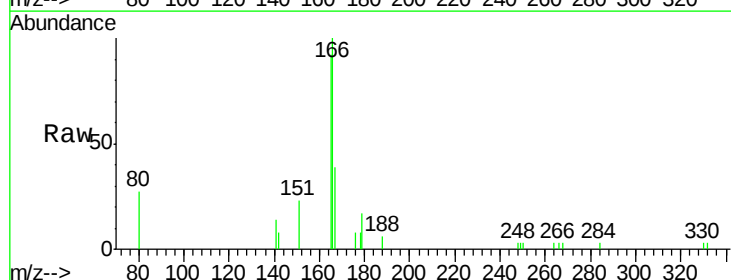
Tgt Ion:166 Resp: 2825

Ion Ratio Lower Upper

166 100

165 104.5 77.8 116.6

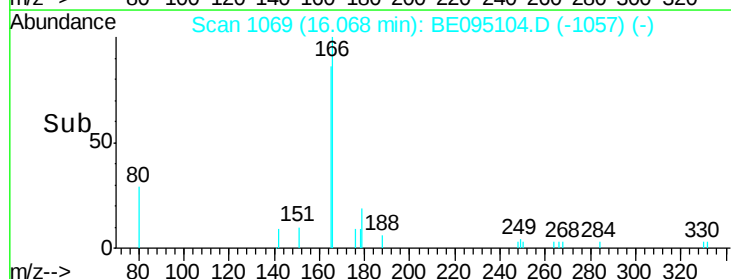
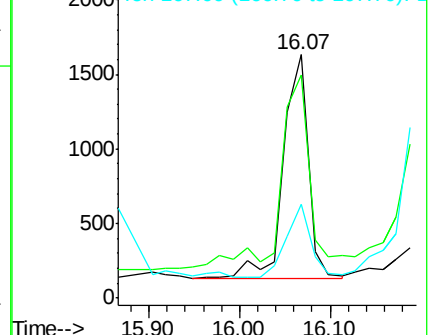
167 32.3 42.4 63.6#

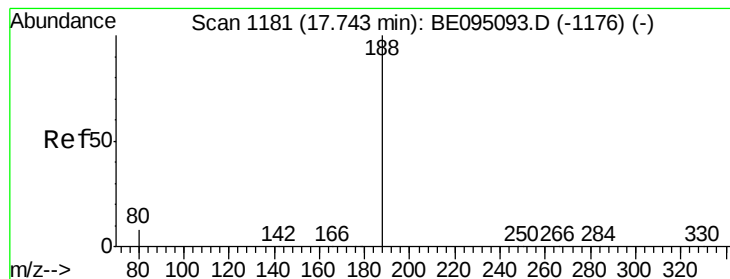


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.74 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

Instrument :

BNA_E

ClientSampleId :

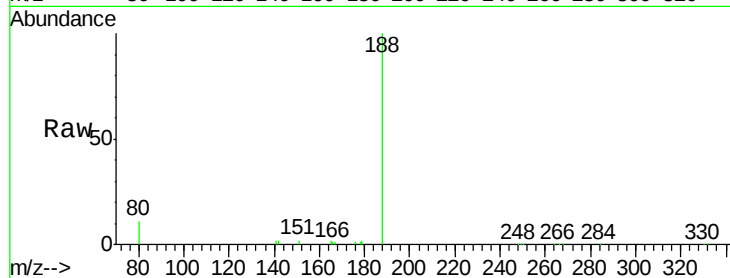
Tot Ion:188 Resp: 20639

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

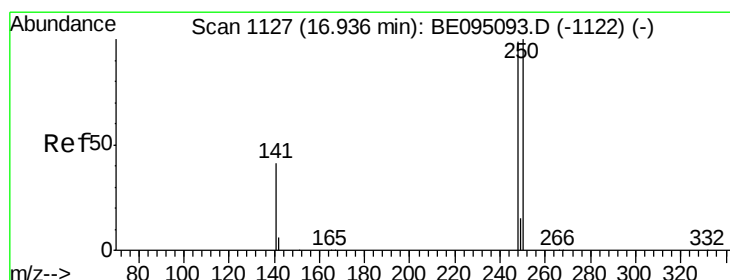
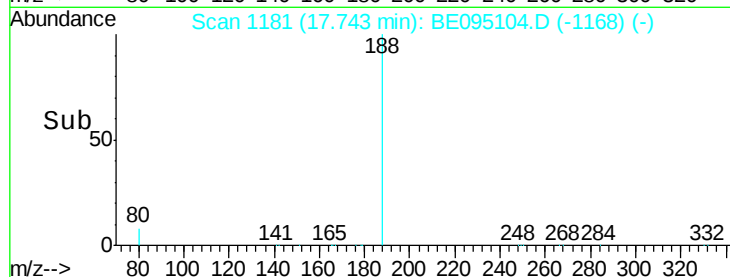
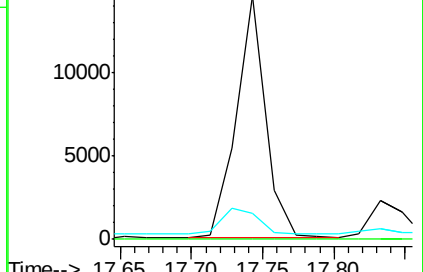
80 10.6 3.6 5.4#



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: 0.003 ng

RT: 16.92 min Scan# 1126

Delta R.T. -0.02 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

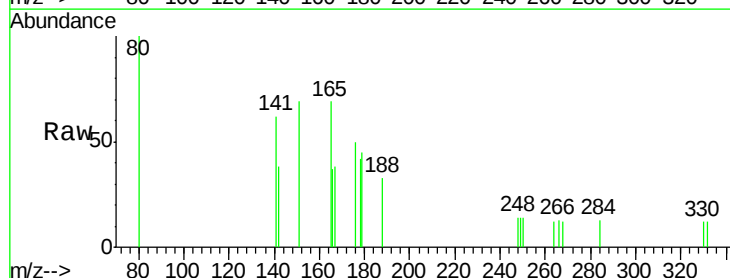
Tgt Ion:248 Resp: 31

Ion Ratio Lower Upper

248 100

250 101.7 62.7 94.1#

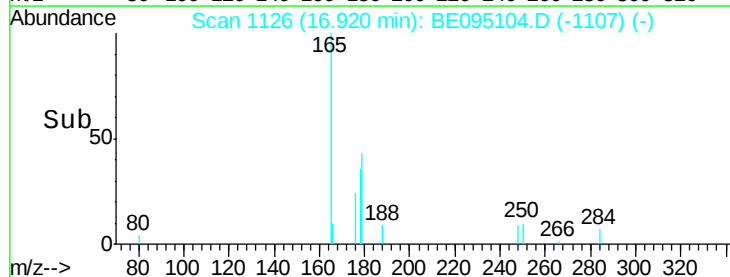
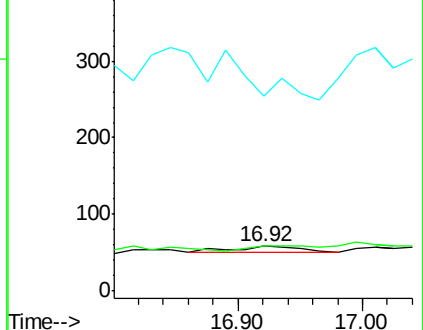
141 437.9 48.2 72.2#

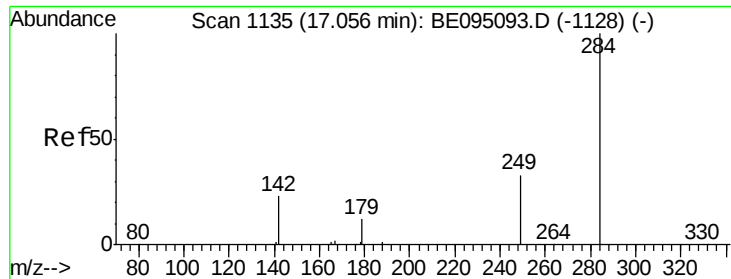


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.001 ng

RT: 17.06 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

Instrument :

BNA_E

ClientSampleId :

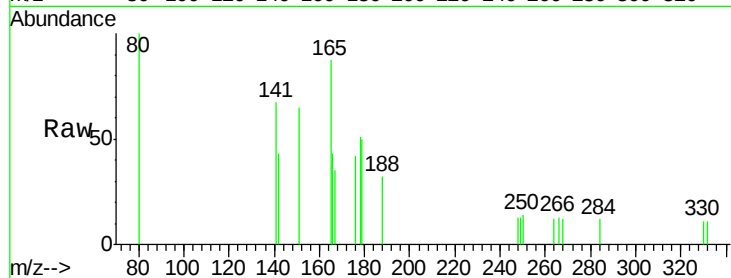
Tot Ion:284 Resp: 14

Ion Ratio Lower Upper

284 100

142 235.7 22.1 33.1#

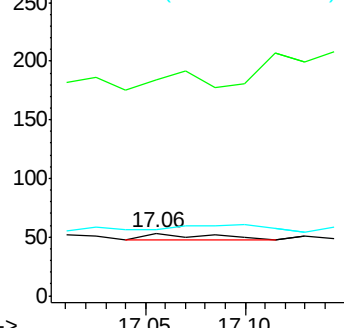
249 0.0 34.8 52.2#



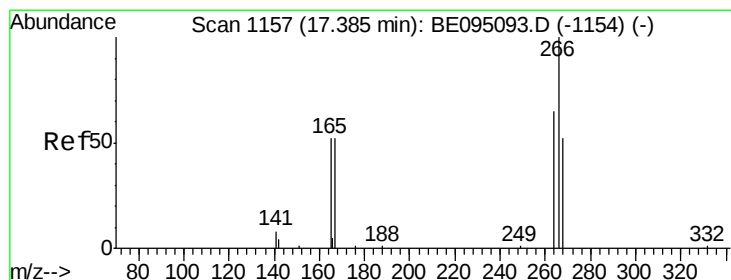
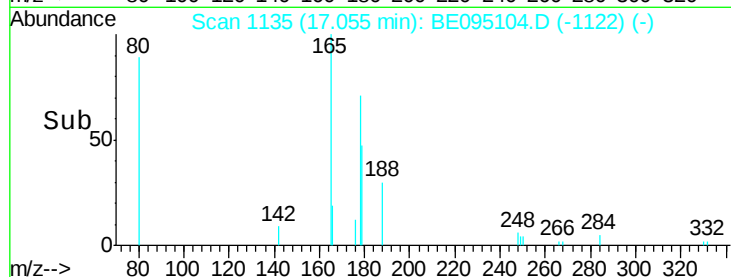
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->



#22

Pentachlorophenol

Concen: 0.075 ng

RT: 17.40 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

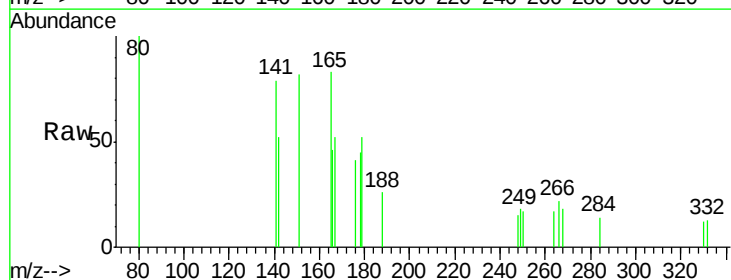
Tgt Ion:266 Resp: 106

Ion Ratio Lower Upper

266 100

264 75.9 72.5 108.7

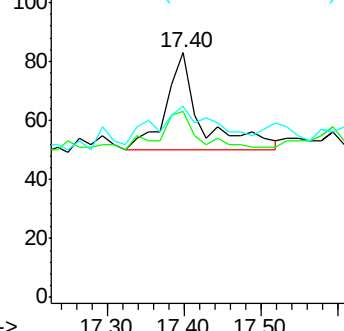
268 78.3 73.8 110.6



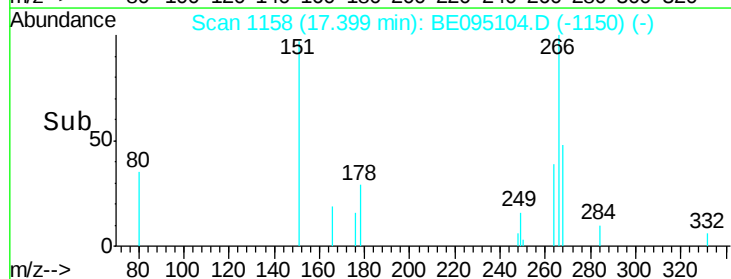
Abundance Ion 266.00 (265.70 to 266.70): E

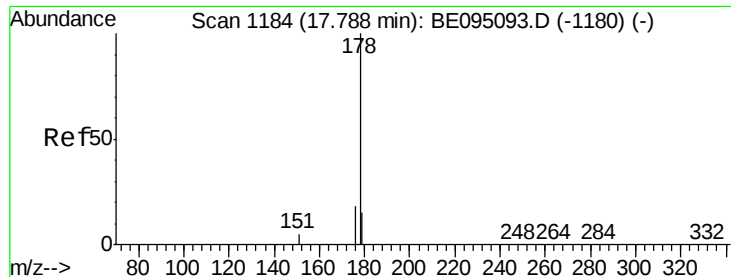
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->





#23

Phenanthrene

Concen: 0.019 ng

RT: 17.79 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

Instrument :

BNA_E

ClientSampleId :

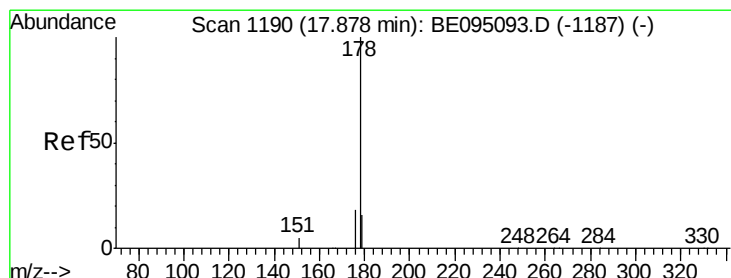
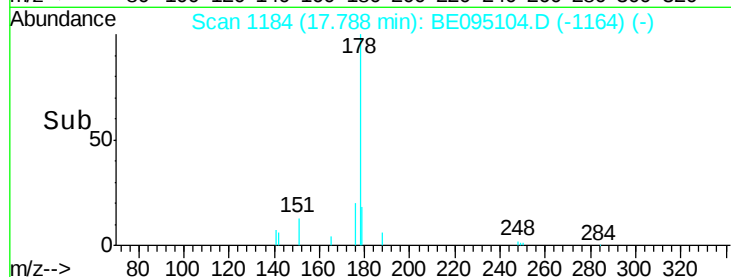
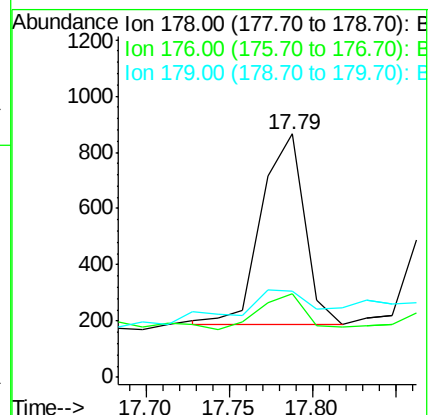
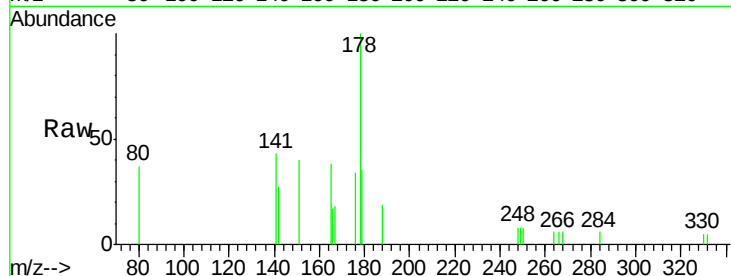
Tot Ion:178 Resp: 1226

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.7 11.8 17.6



#24

Anthracene

Concen: 0.017 ng

RT: 17.88 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

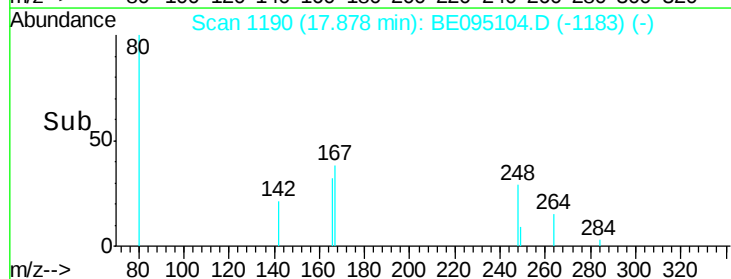
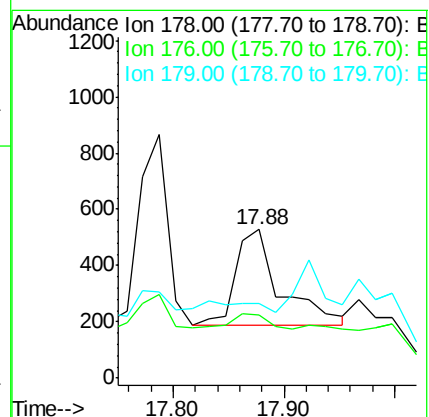
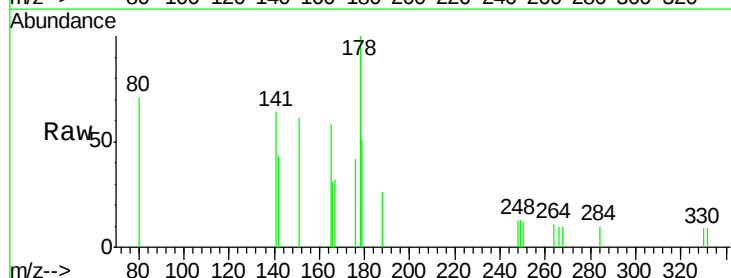
Tgt Ion:178 Resp: 959

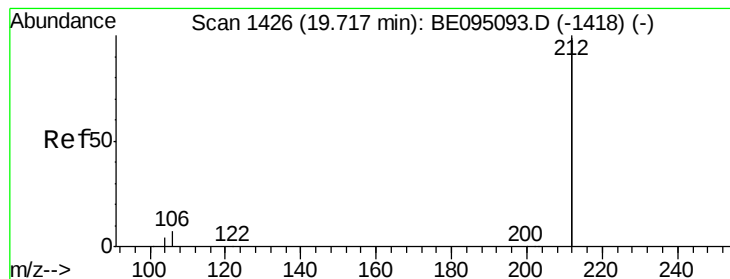
Ion Ratio Lower Upper

178 100

176 12.5 12.8 19.2#

179 0.0 13.0 19.6#





#25

Fluoranthene-d10

Concen: 0.473 ng

RT: 19.72 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

Instrument :

BNA_E

ClientSampleId :

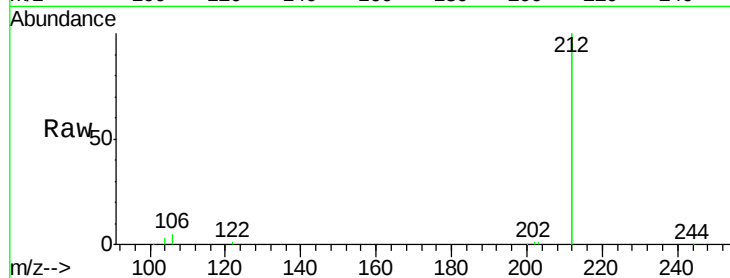
Tot Ion:212 Resp: 122825

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

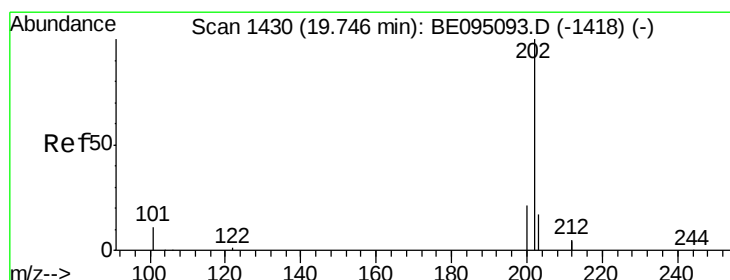
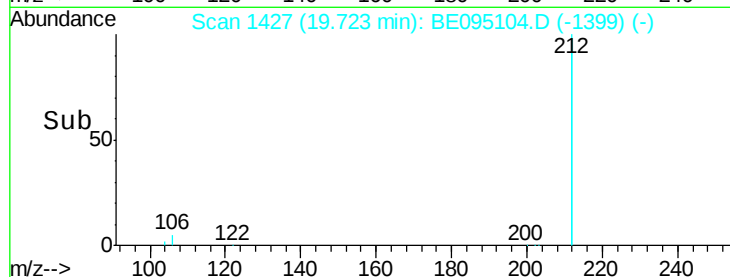
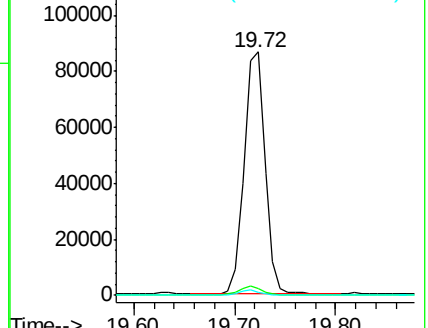
104 1.9 1.6 2.4



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: 0.004 ng

RT: 19.75 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

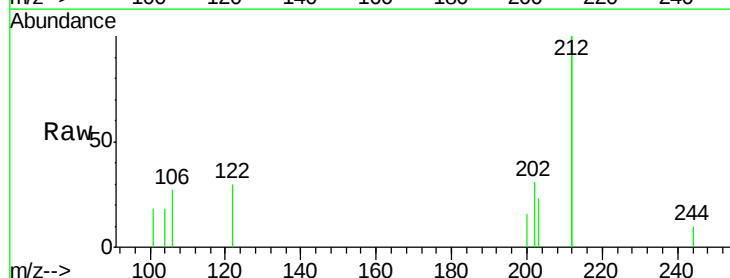
Tgt Ion:202 Resp: 281

Ion Ratio Lower Upper

202 100

101 33.1 9.8 14.8#

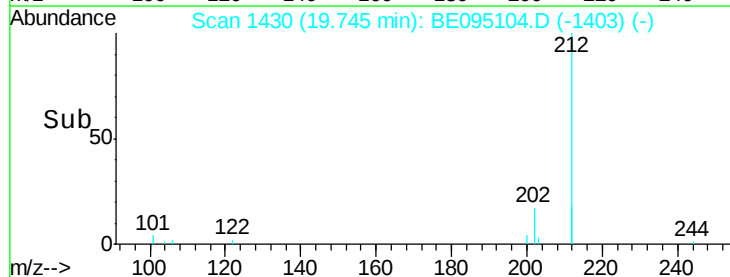
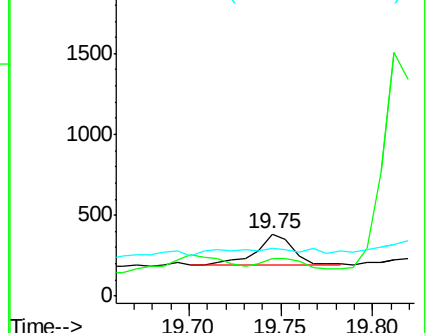
203 39.5 13.7 20.5#

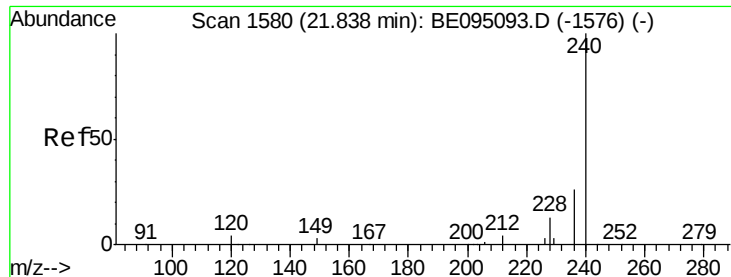


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.84 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

Instrument :

BNA_E

ClientSampleId :

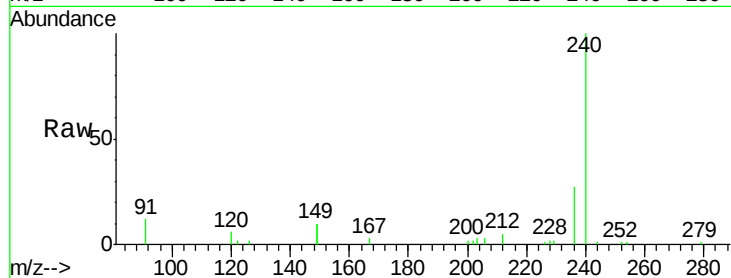
Tot Ion:240 Resp: 19844

Ion Ratio Lower Upper

240 100

120 5.6 5.5 8.3

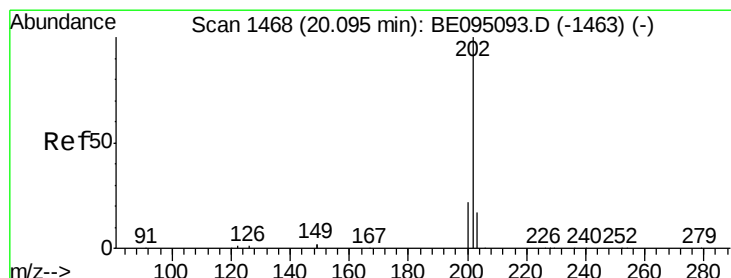
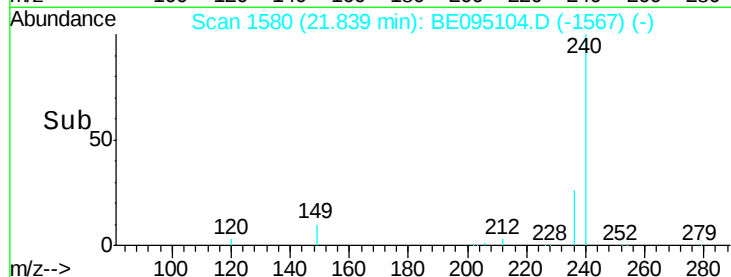
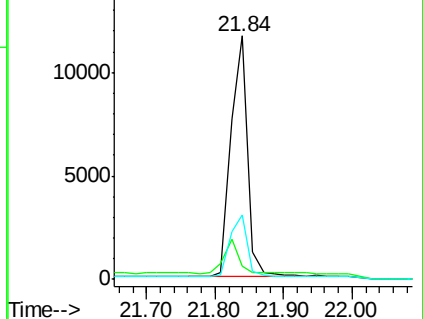
236 26.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.005 ng

RT: 20.10 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

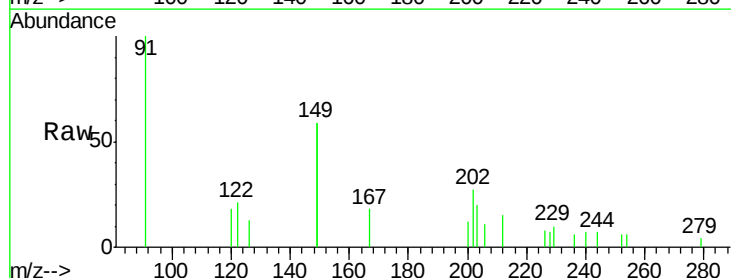
Tgt Ion:202 Resp: 429

Ion Ratio Lower Upper

202 100

200 0.0 16.6 25.0#

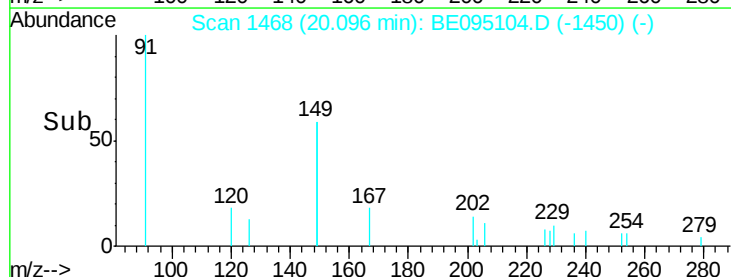
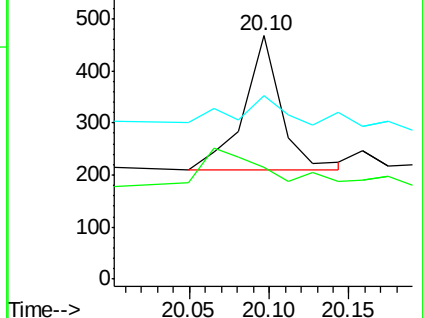
203 59.7 13.8 20.8#

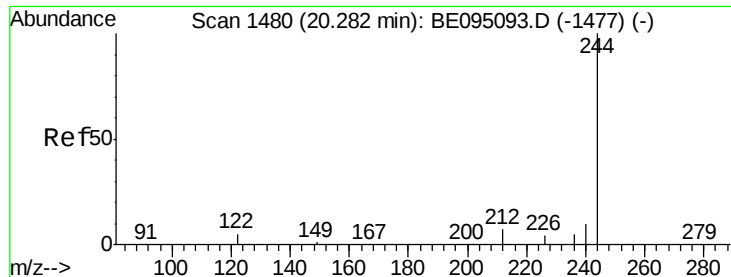


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.637 ng

RT: 20.28 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

Instrument :

BNA_E

ClientSampleId :

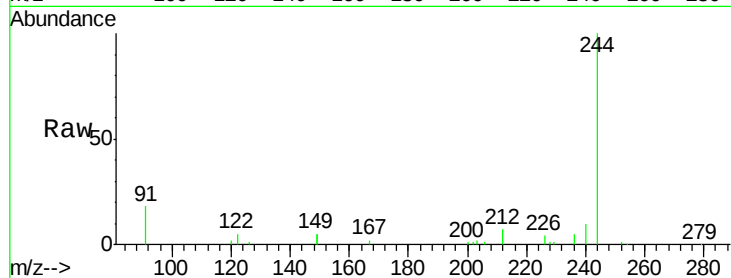
Tot Ion:244 Resp: 25879

Ion Ratio Lower Upper

244 100

212 7.0 25.4 38.0#

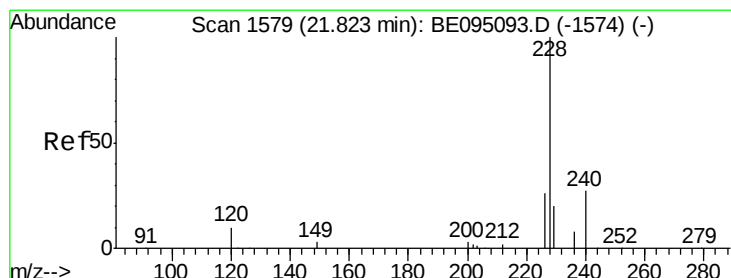
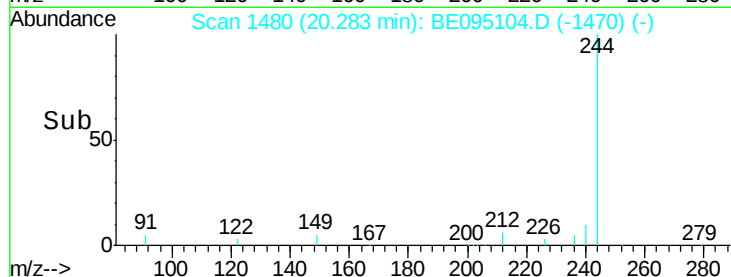
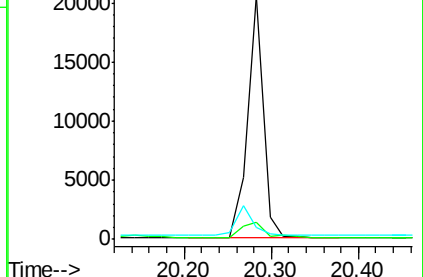
122 5.0 8.1 12.1#



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: 0.004 ng

RT: 21.87 min Scan# 1582

Delta R.T. 0.05 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

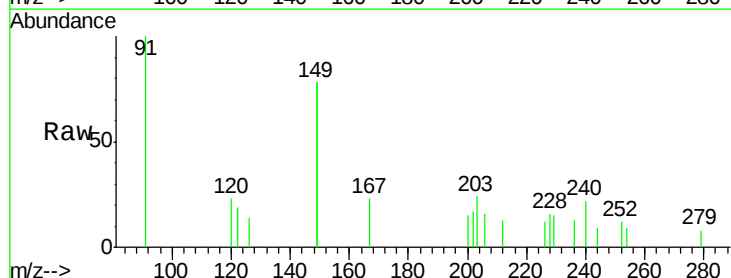
Tgt Ion:228 Resp: 266

Ion Ratio Lower Upper

228 100

226 76.5 24.0 36.0#

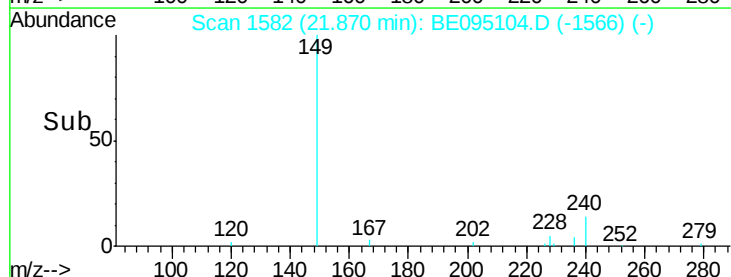
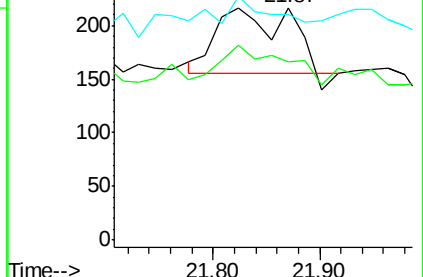
229 97.2 16.0 24.0#

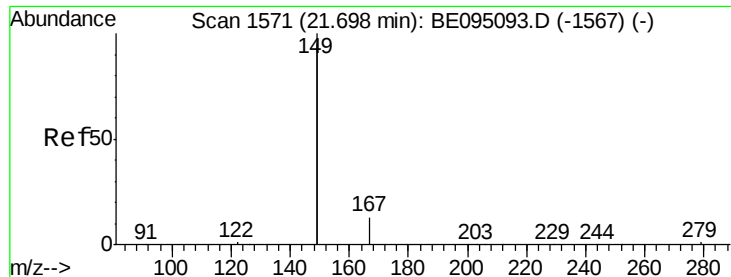


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.112 ng

RT: 21.70 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

Instrument :

BNA_E

ClientSampleId :

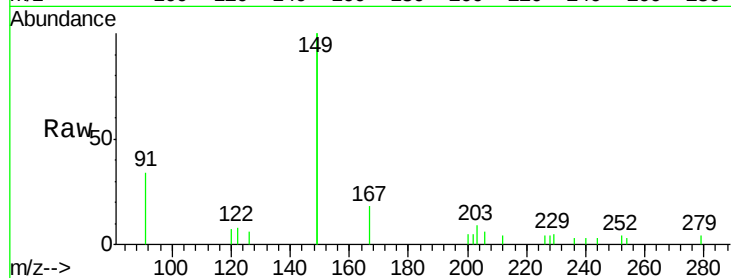
Tot Ion:149 Resp: 9670

Ion Ratio Lower Upper

149 100

167 7.9 5.4 8.0

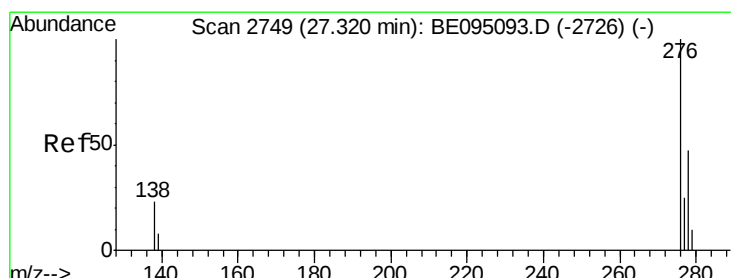
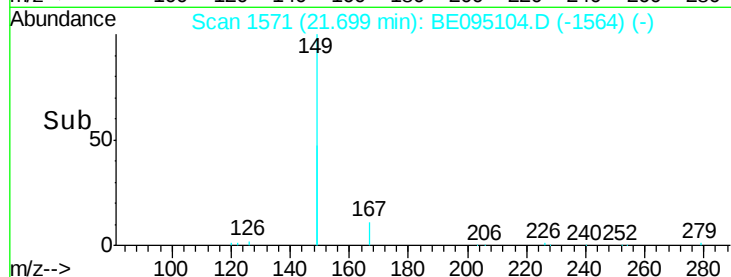
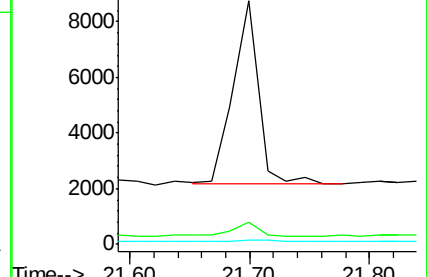
279 1.7 0.7 1.1#



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: 0.000 ng

RT: 27.30 min Scan# 2745

Delta R.T. -0.02 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

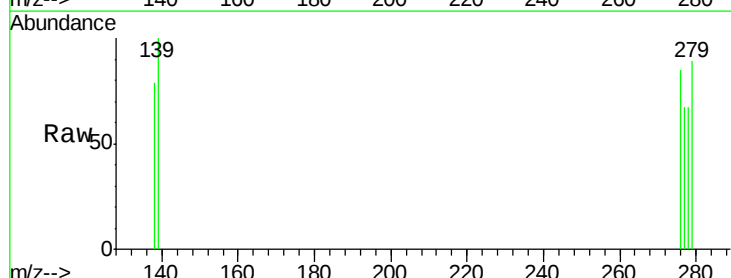
Tgt Ion:276 Resp: 21

Ion Ratio Lower Upper

276 100

138 23.8 22.5 33.7

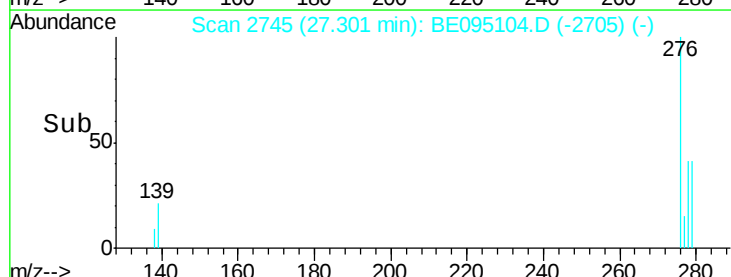
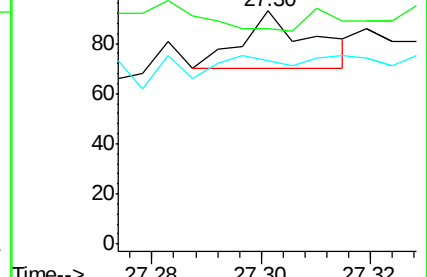
277 14.3 19.9 29.9#

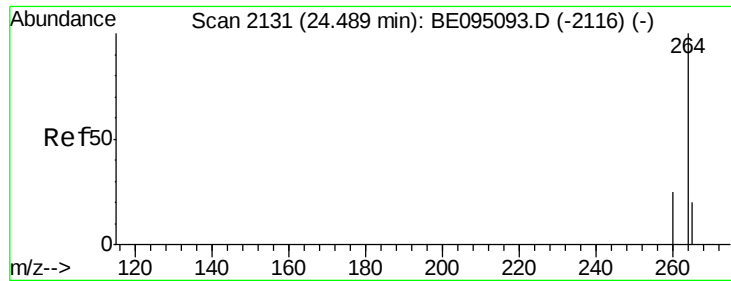


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

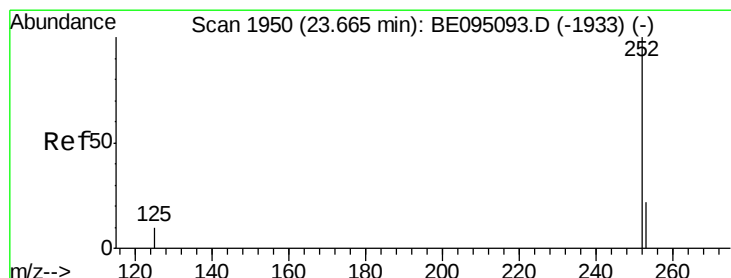
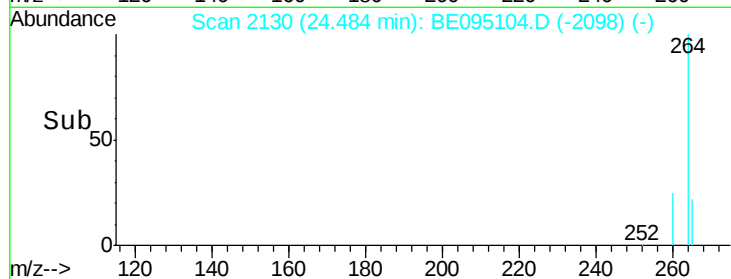
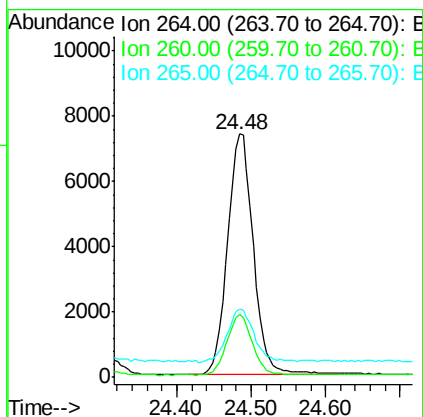
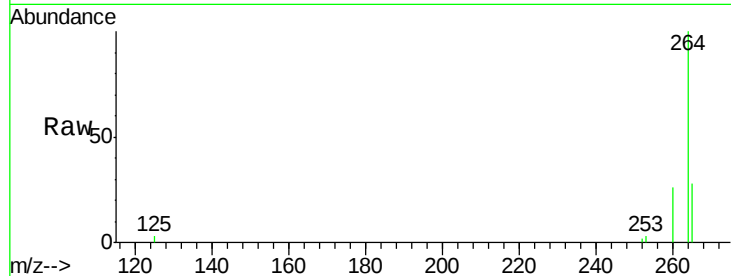




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 24.48 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BE095104.D
 Acq: 23 Jan 2018 19:14

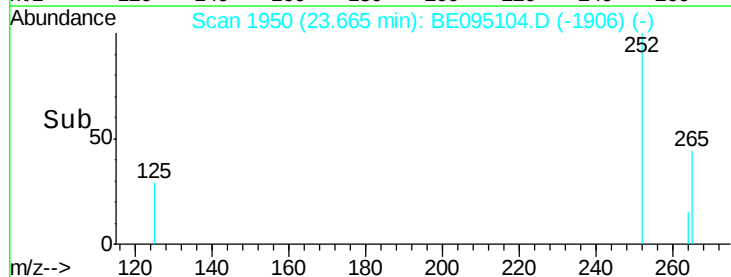
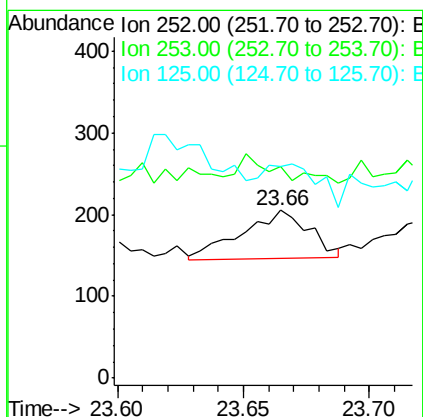
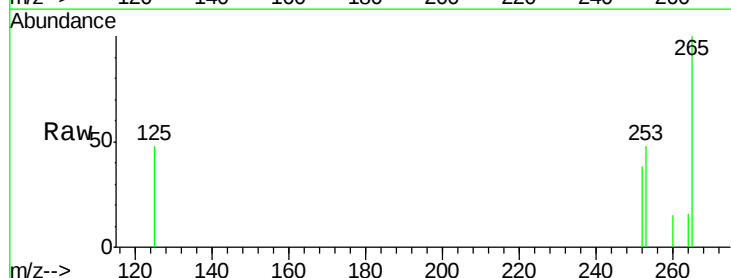
Instrument :
 BNA_E
 ClientSampleId :

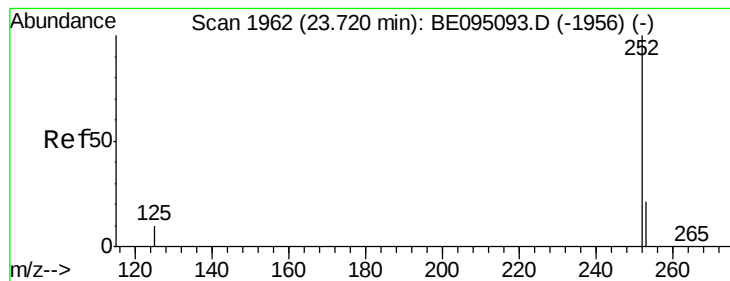
Tot Ion:264 Resp: 17715
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.5 30.7
 265 28.2 22.8 34.2



#35
 Benzo(b)fluoranthene
 Concen: 0.002 ng
 RT: 23.66 min Scan# 1950
 Delta R.T. -0.00 min
 Lab File: BE095104.D
 Acq: 23 Jan 2018 19:14

Tgt Ion:252 Resp: 110
 Ion Ratio Lower Upper
 252 100
 253 126.3 20.0 30.0#
 125 126.3 16.0 24.0#





#36

Benzo(k)fluoranthene

Concen: 0.001 ng

RT: 23.72 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

Instrument :

BNA_E

ClientSampleId :

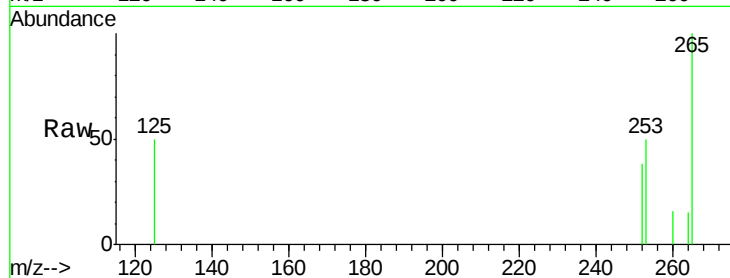
Tot Ion:252 Resp: 67

Ion Ratio Lower Upper

252 100

253 133.7 16.0 24.0#

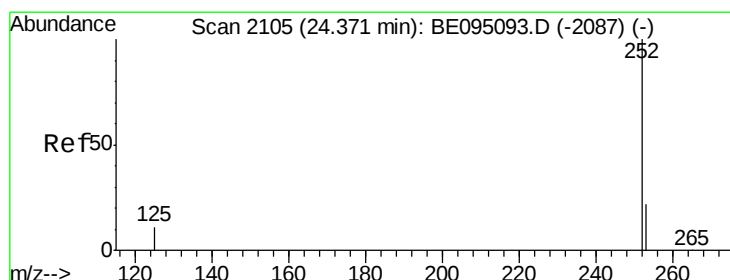
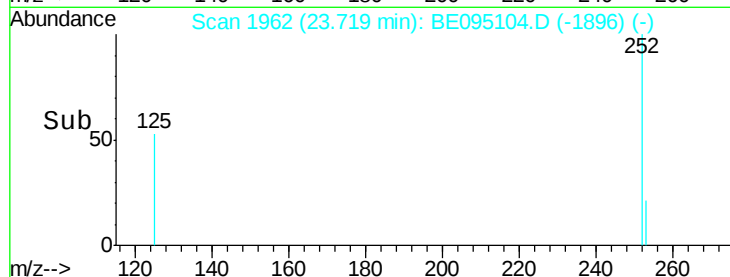
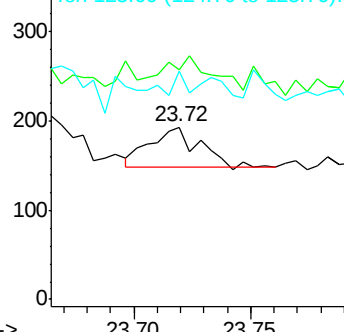
125 132.6 8.0 12.0#



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: 0.001 ng

RT: 24.36 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

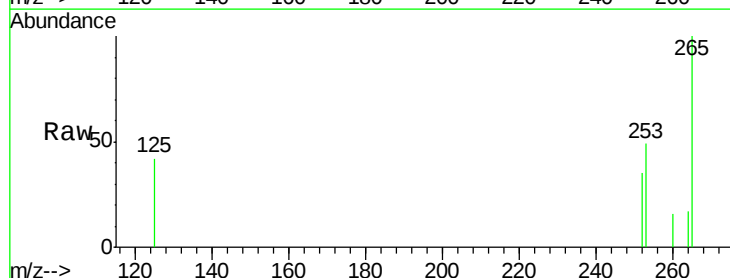
Tgt Ion:252 Resp: 50

Ion Ratio Lower Upper

252 100

253 142.4 16.0 24.0#

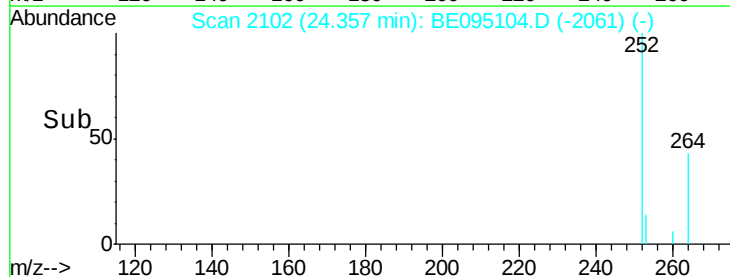
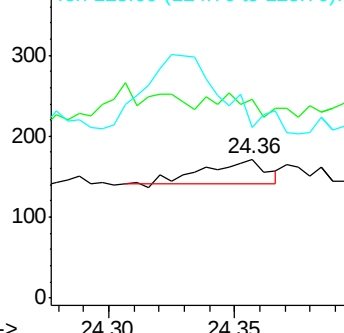
125 122.7 12.0 18.0#

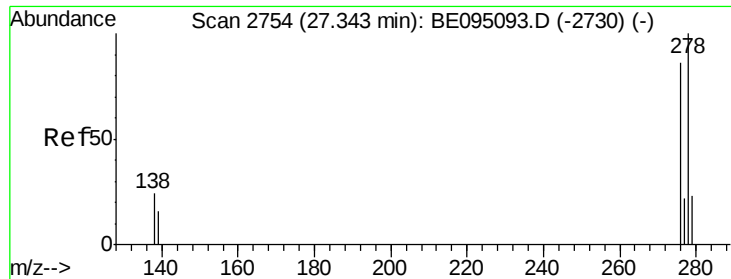


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 27.34 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

Instrument :

BNA_E

ClientSampleId :

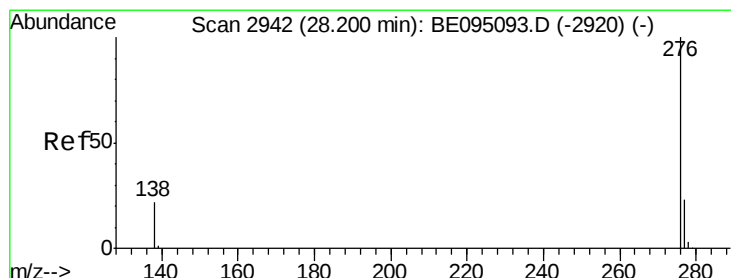
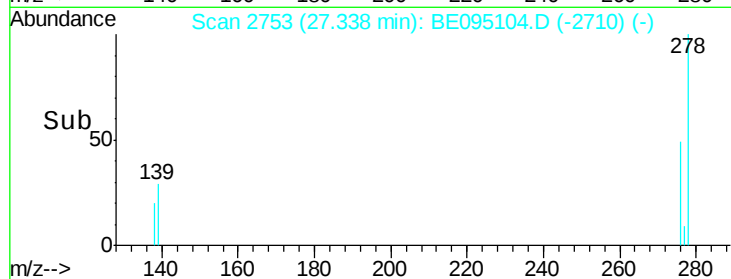
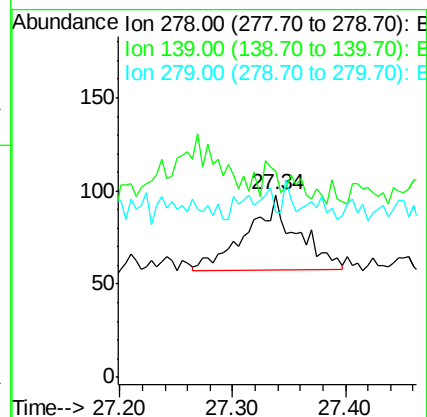
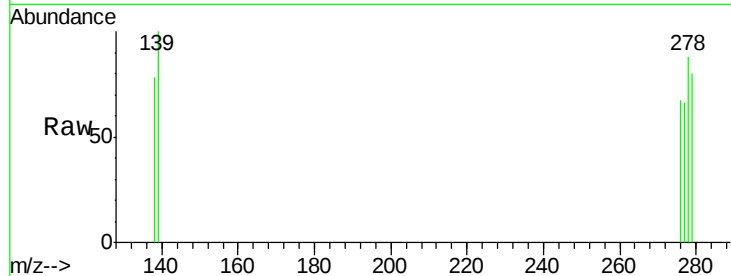
Tot Ion:278 Resp: 123

Ion Ratio Lower Upper

278 100

139 113.3 16.0 24.0#

279 90.8 20.0 30.0#



#39

Benzo(g,h,i)perylene

Concen: 0.001 ng

RT: 28.20 min Scan# 2942

Delta R.T. -0.00 min

Lab File: BE095104.D

Acq: 23 Jan 2018 19:14

Tgt Ion:276 Resp: 53

Ion Ratio Lower Upper

276 100

277 85.4 16.0 24.0#

138 96.3 20.0 30.0#

