

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012518\
 Data File : BE095108.D
 Acq On : 25 Jan 2018 10:05
 Operator : SJ/JU
 Sample : PB105932BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB105932BS

Quant Time: Jan 25 19:19:56 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	6777	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	14123	0.40	ng	-0.02
13) Acenaphthene-d10	15.03	164	6935	0.40	ng	0.00
19) Phenanthrene-d10	17.74	188	15810	0.40	ng	0.00
27) Chrysene-d12	21.84	240	16577	0.40	ng	0.00
34) Perylene-d12	24.48	264	13998	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.94	112	3271	0.30	ng	0.00
5) Phenol-d6	7.58	99	4425	0.27	ng	0.00
8) Nitrobenzene-d5	9.63	82	4142	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.84	152	7068	0.30	ng	0.00
14) 2,4,6-Tribromophenol	16.50	330	461	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.68	172	11707	0.38	ng	0.00
25) Fluoranthene-d10	19.72	212	65054	0.33	ng	0.00
29) Terphenyl-d14	20.28	244	11940	0.35	ng	0.00

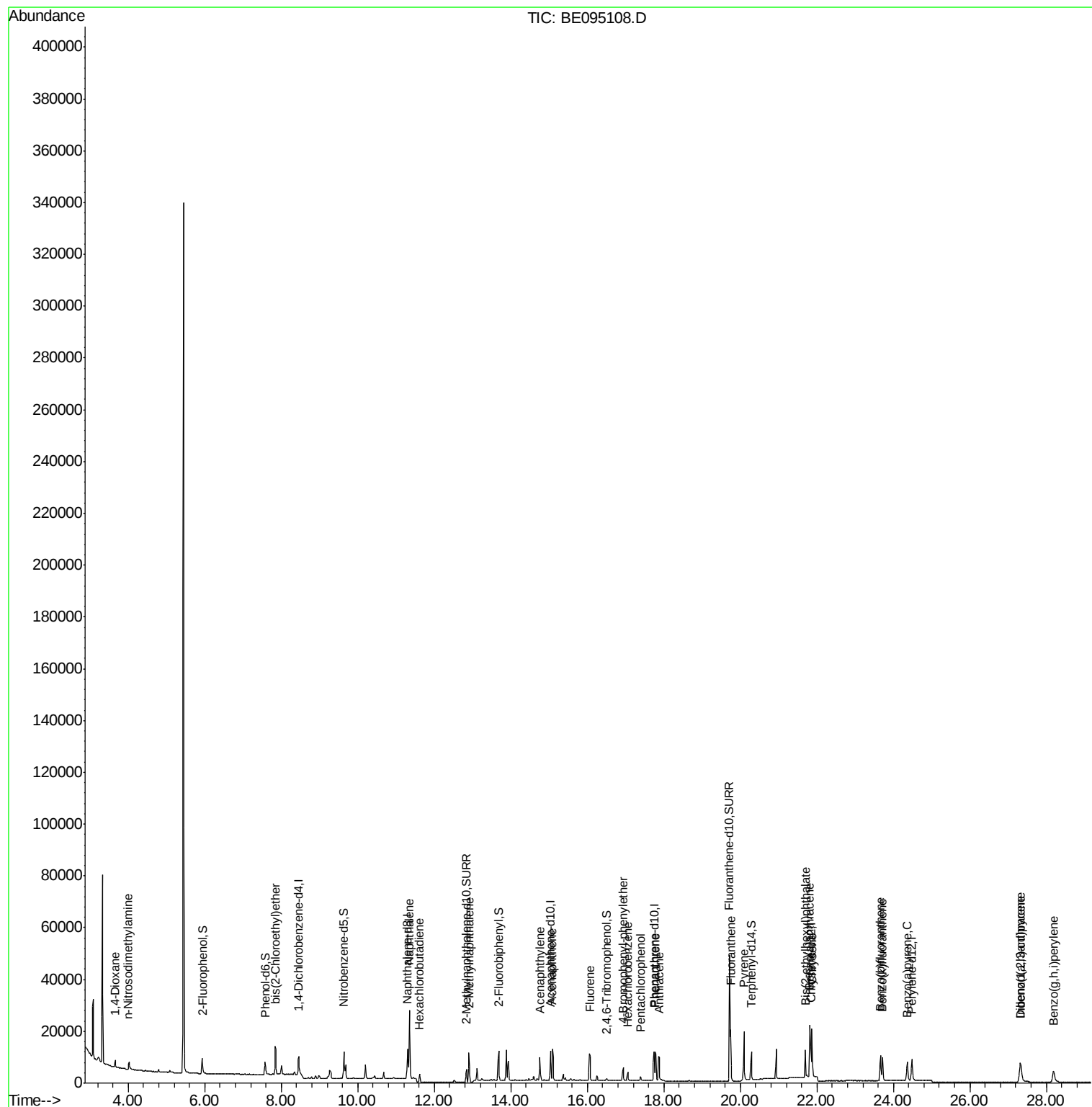
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.66	88	1707	0.256	ng	# 54
3) n-Nitrosodimethylamine	4.00	42	2218	0.279	ng	# 88
6) bis(2-Chloroethyl)ether	7.86	93	4283	0.277	ng	92
9) Naphthalene	11.34	128	47609	0.295	ng	99
10) Hexachlorobutadiene	11.61	225	2139	0.295	ng	99
12) 2-Methylnaphthalene	12.91	142	7892	0.285	ng	96
16) Acenaphthylene	14.76	152	10227	0.275	ng	99
17) Acenaphthene	15.09	154	6888	0.285	ng	96
18) Fluorene	16.07	166	8521	0.282	ng	# 79
20) 4-Bromophenyl-phenylether	16.94	248	2738	0.294	ng	# 72
21) Hexachlorobenzene	17.06	284	2710	0.290	ng	# 81
22) Pentachlorophenol	17.38	266	966	0.505	ng	# 75
23) Phenanthrene	17.77	178	14569	0.298	ng	98
24) Anthracene	17.88	178	12698	0.292	ng	96
26) Fluoranthene	19.75	202	17653	0.301	ng	98
28) Pyrene	20.10	202	20244	0.289	ng	99
30) Benzo(a)anthracene	21.81	228	15419	0.297	ng	99
31) Chrysene	21.87	228	16451	0.314	ng	99
32) Bis(2-ethylhexyl)phthalate	21.70	149	17013	0.236	ng	100
33) Indeno(1,2,3-cd)pyrene	27.31	276	13236	0.278	ng	97
35) Benzo(b)fluoranthene	23.66	252	14770	0.297	ng	# 91
36) Benzo(k)fluoranthene	23.71	252	14628	0.288	ng	# 93
37) Benzo(a)pyrene	24.36	252	13149	0.289	ng	94
38) Dibenzo(a,h)anthracene	27.33	278	10268	0.268	ng	99
39) Benzo(g,h,i)perylene	28.19	276	12428	0.299	ng	# 93

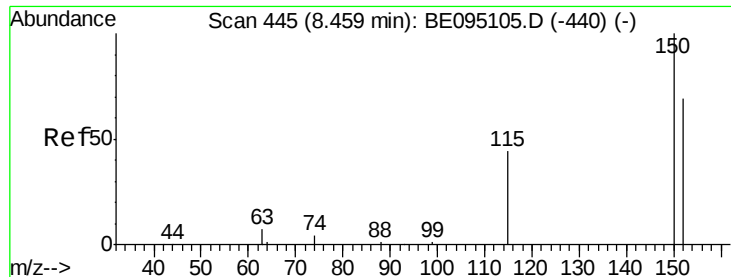
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE095108.D

Acq: 25 Jan 2018 10:05

Instrument :

BNA_E

ClientSampleId :

PB105932BS

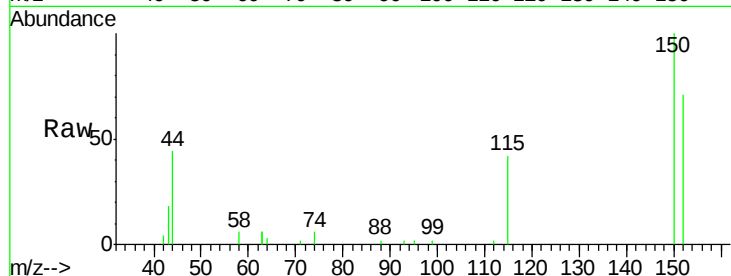
Tgt Ion:152 Resp: 6777

Ion Ratio Lower Upper

152 100

150 141.6 117.2 175.8

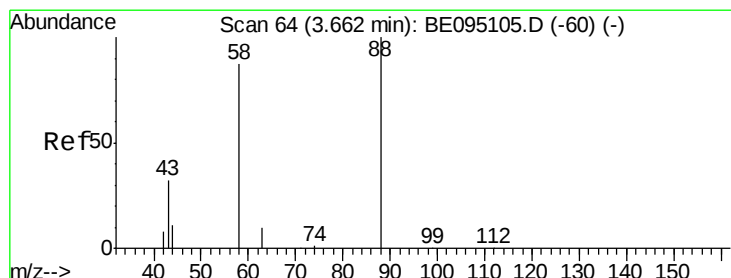
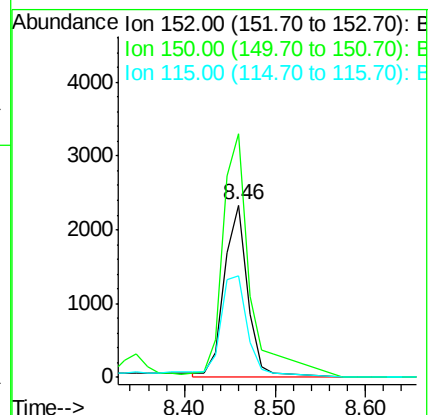
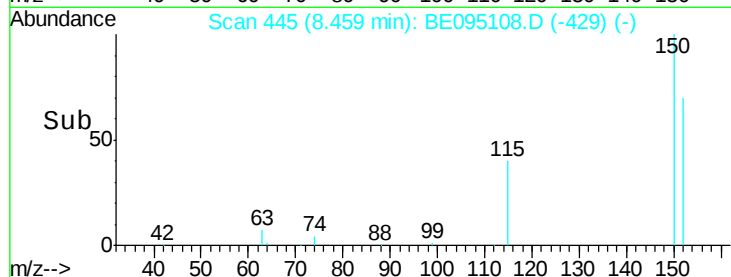
115 59.3 57.0 85.6



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: 0.256 ng

RT: 3.66 min Scan# 64

Delta R.T. -0.00 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

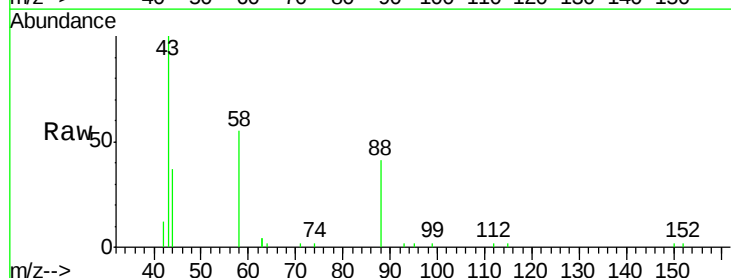
Tgt Ion: 88 Resp: 1707

Ion Ratio Lower Upper

88 100

58 90.0 63.2 94.8

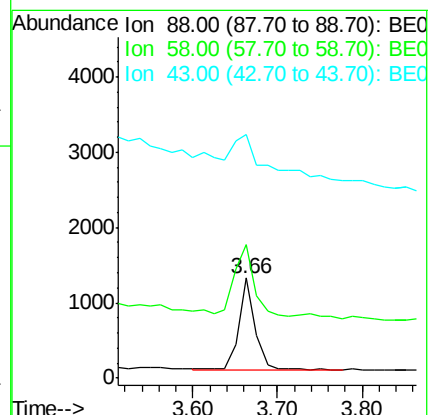
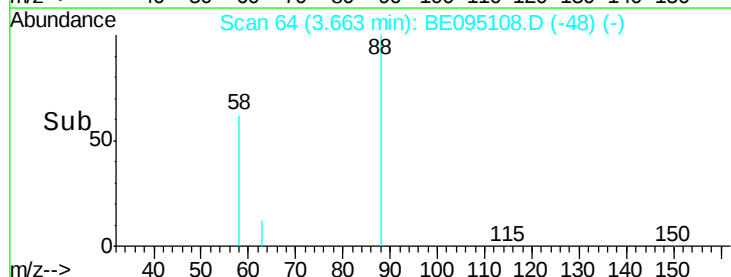
43 120.0 41.2 61.8#

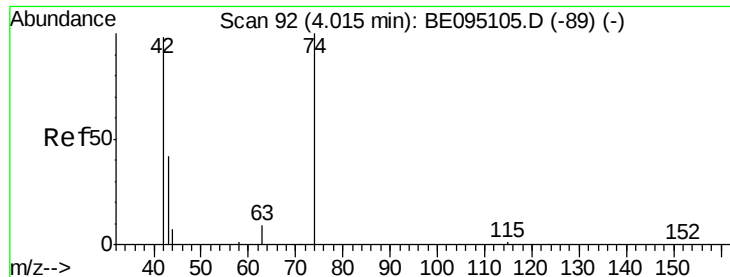


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.279 ng

RT: 4.00 min Scan# 91

Delta R.T. -0.01 min

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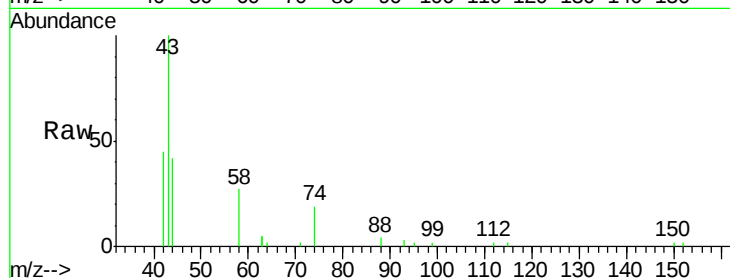
Tgt Ion: 42 Resp: 2218

Ion Ratio Lower Upper

42 100

74 108.0 96.0 144.0

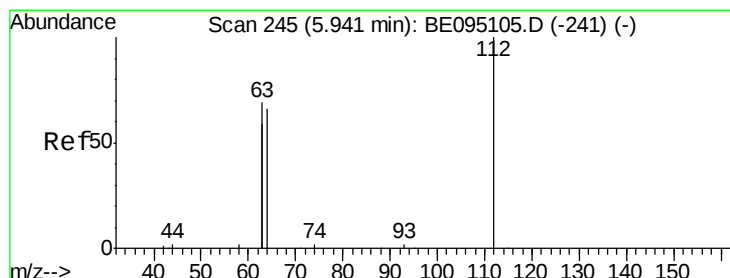
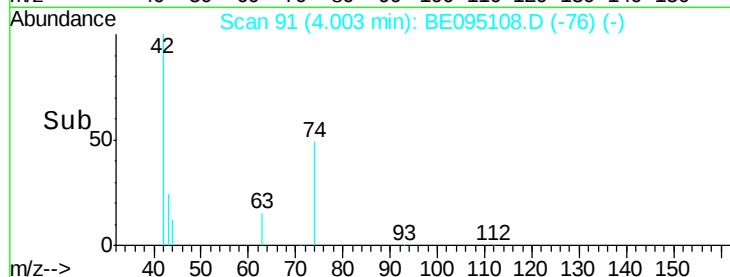
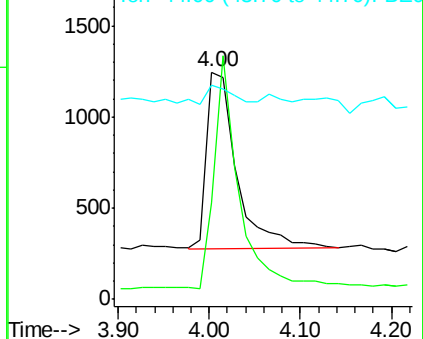
44 7.7 12.0 18.0#



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: 0.298 ng

RT: 5.94 min Scan# 245

Delta R.T. -0.00 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

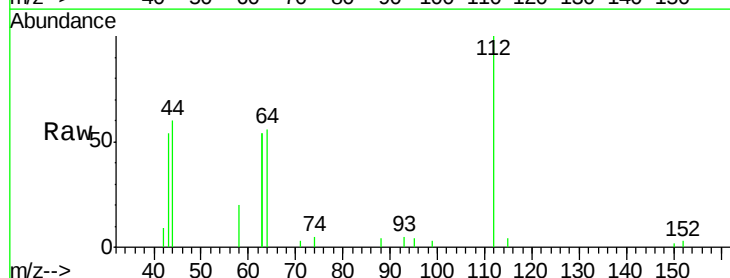
Tgt Ion: 112 Resp: 3271

Ion Ratio Lower Upper

112 100

64 74.7 60.1 90.1

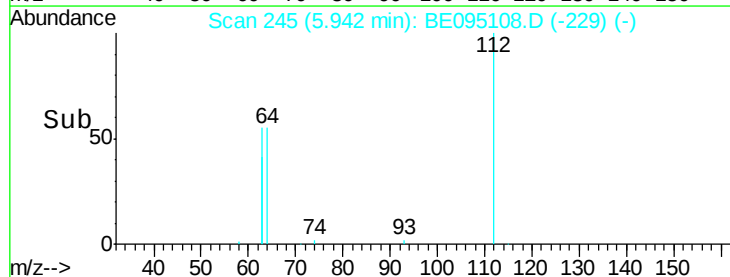
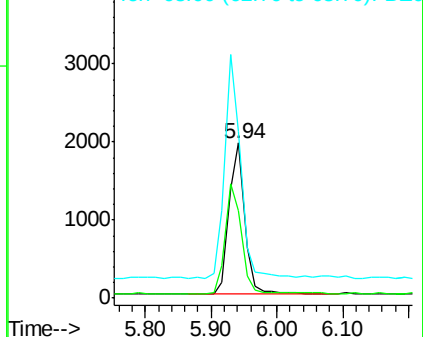
63 146.6 116.8 175.2

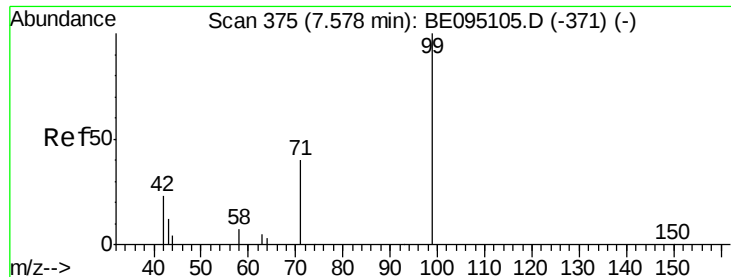


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.266 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.00 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

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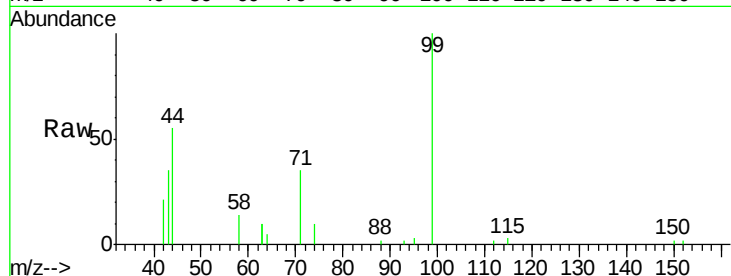
Tgt Ion: 99 Resp: 4425

Ion Ratio Lower Upper

99 100

42 25.8 20.2 30.2

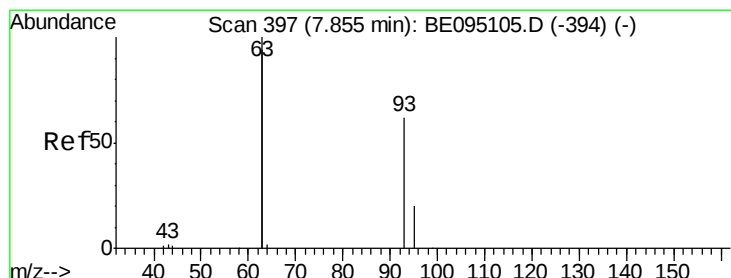
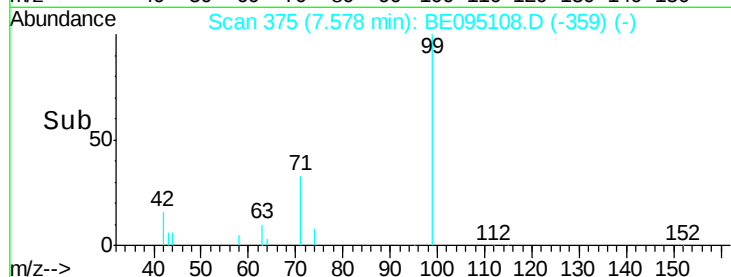
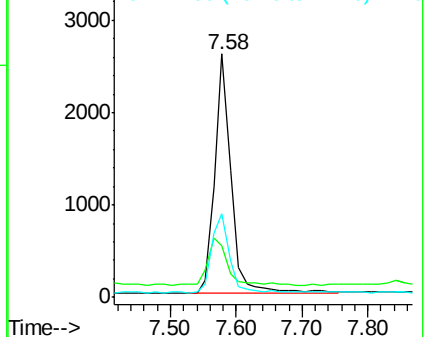
71 36.2 28.4 42.6



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: 0.277 ng

RT: 7.86 min Scan# 397

Delta R.T. -0.00 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

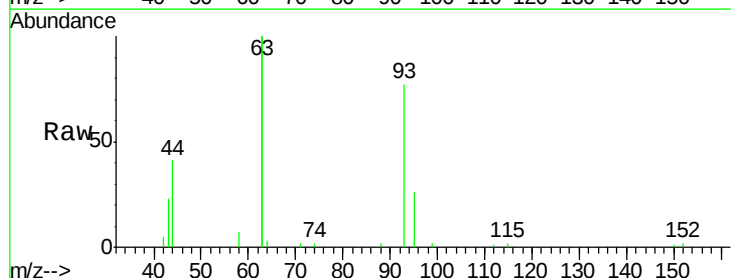
Tgt Ion: 93 Resp: 4283

Ion Ratio Lower Upper

93 100

63 325.8 275.3 412.9

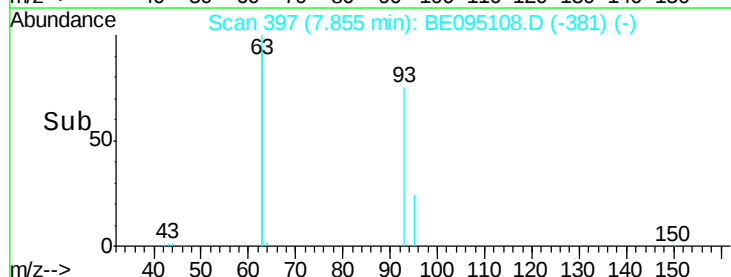
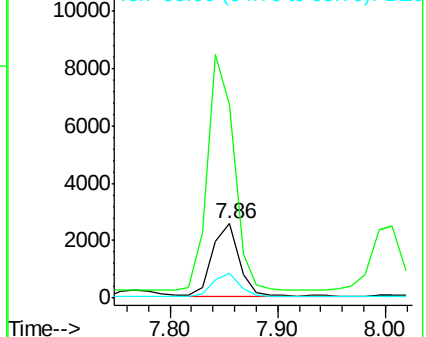
95 31.3 25.2 37.8

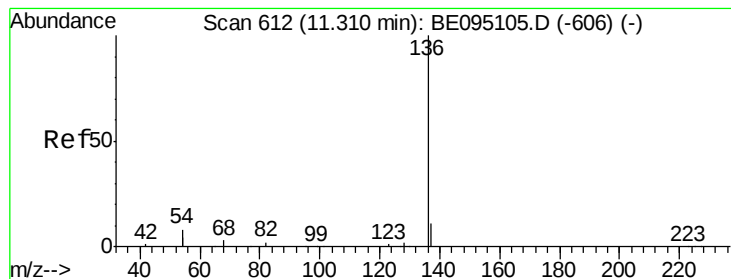


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 11.29 min Scan# 611

Delta R.T. -0.02 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

Instrument :

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Tgt Ion:136 Resp: 14123

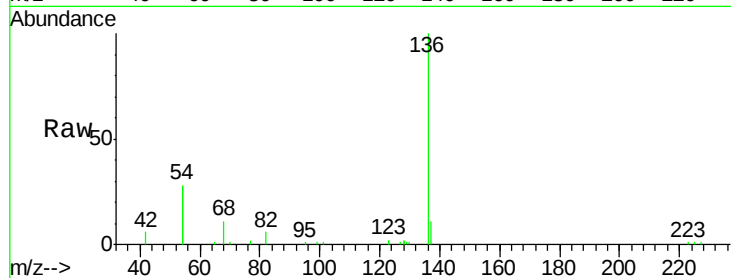
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 55.2 29.1 43.7#

68 11.1 6.2 9.2#

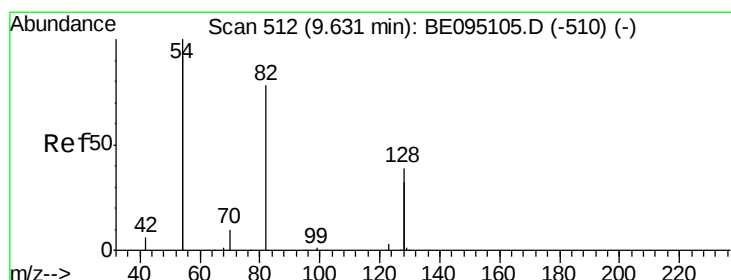
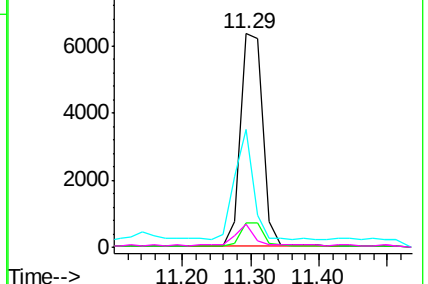
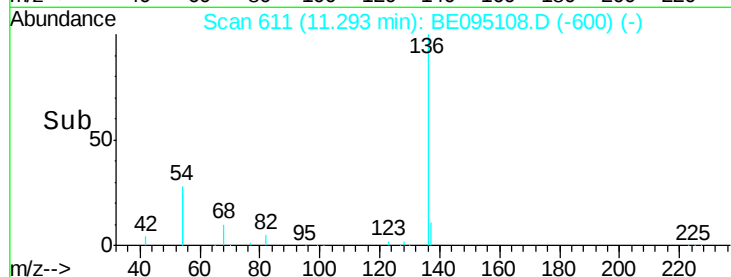


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.322 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

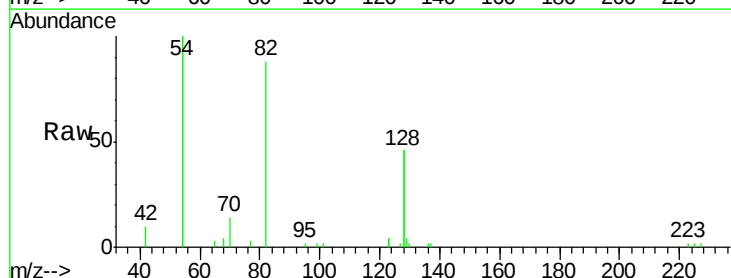
Tgt Ion: 82 Resp: 4142

Ion Ratio Lower Upper

82 100

128 104.9 150.0 225.0#

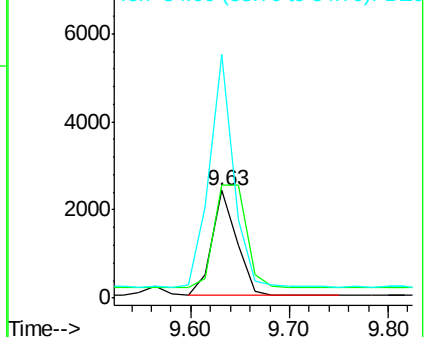
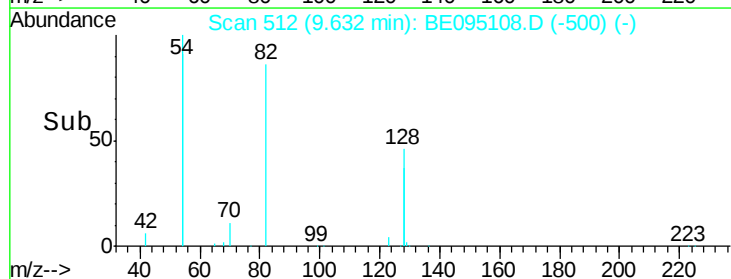
54 226.8 154.2 231.4

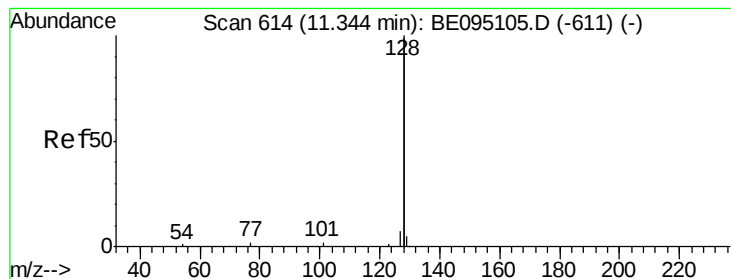


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.295 ng

RT: 11.34 min Scan# 614

Delta R.T. -0.00 min

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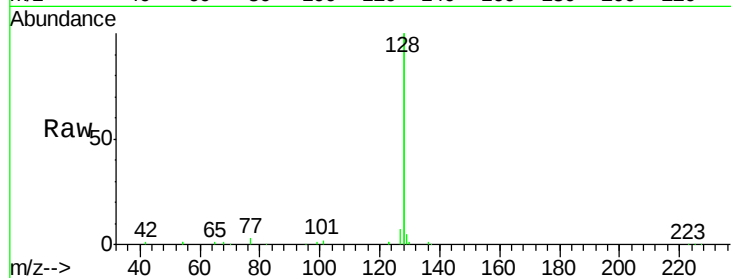
Tgt Ion:128 Resp: 47609

Ion Ratio Lower Upper

128 100

129 2.7 2.6 3.8

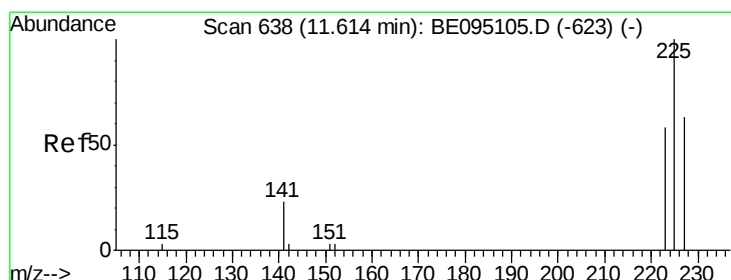
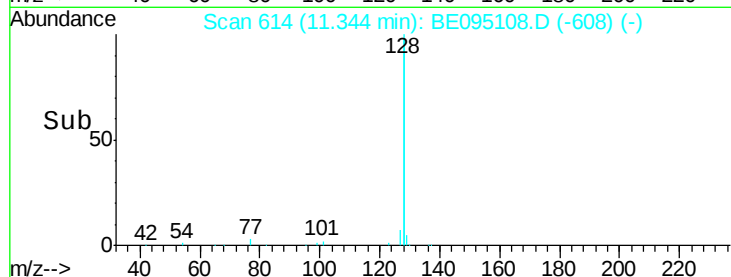
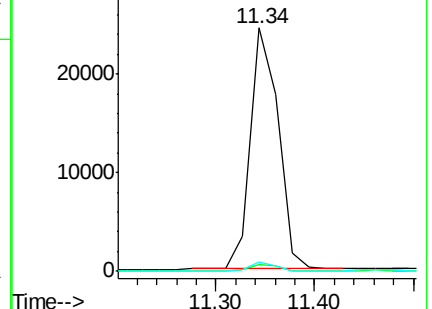
127 3.6 2.8 4.2



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: 0.295 ng

RT: 11.61 min Scan# 638

Delta R.T. -0.00 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

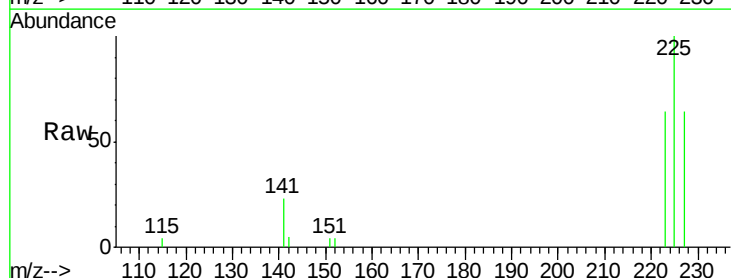
Tgt Ion:225 Resp: 2139

Ion Ratio Lower Upper

225 100

223 64.8 53.0 79.6

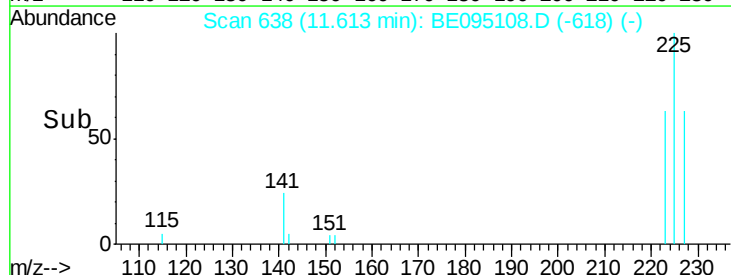
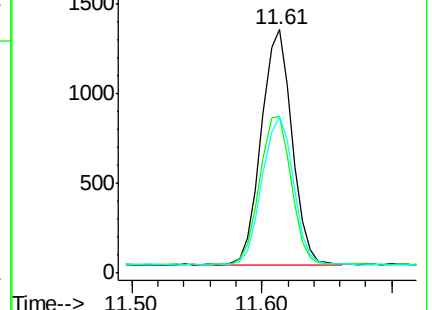
227 64.1 51.4 77.2

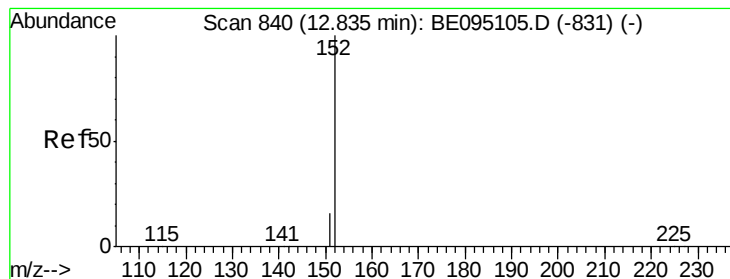


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.302 ng

RT: 12.84 min Scan# 841

Delta R.T. -0.00 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

Instrument :

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ClientSampleId :

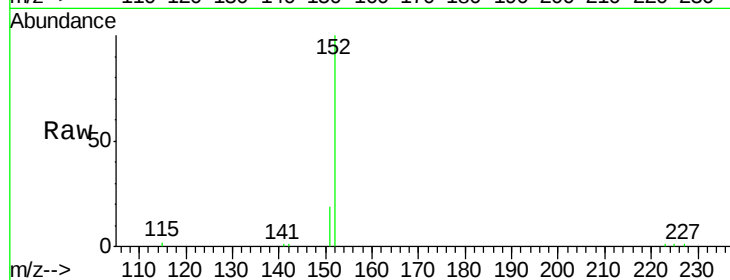
PB105932BS

Tgt Ion:152 Resp: 7068

Ion Ratio Lower Upper

152 100

151 19.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.84

5000

4000

3000

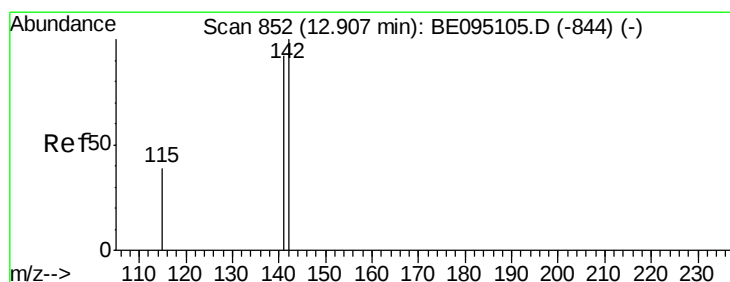
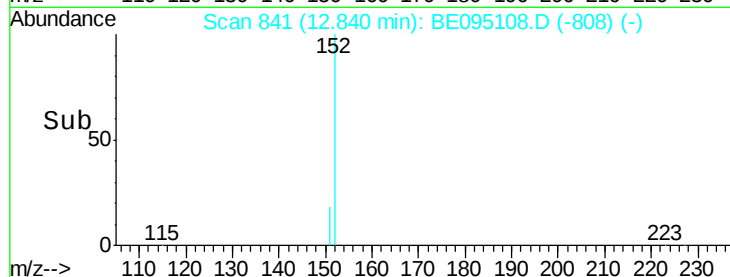
2000

1000

0

Time-->

12.80 12.90



#12

2-Methylnaphthalene

Concen: 0.285 ng

RT: 12.91 min Scan# 852

Delta R.T. -0.00 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

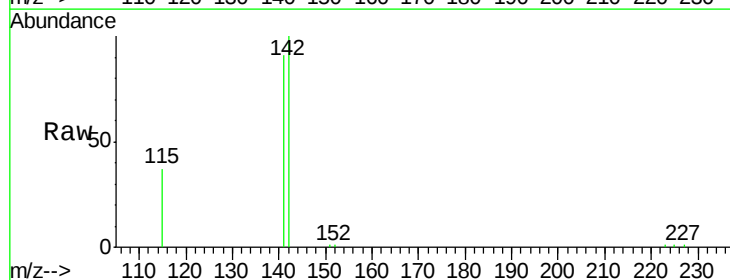
Tgt Ion:142 Resp: 7892

Ion Ratio Lower Upper

142 100

141 91.0 70.4 105.6

115 36.8 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

12.91

6000

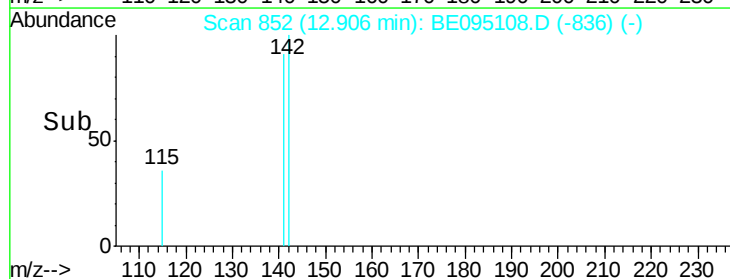
4000

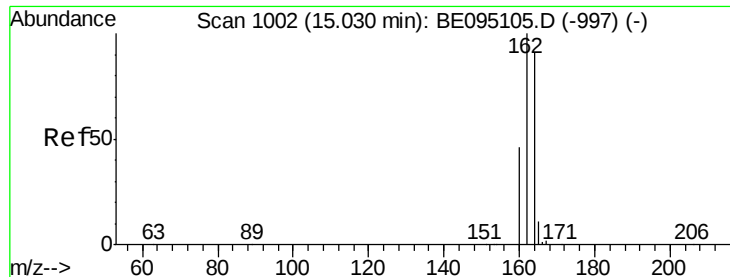
2000

0

Time-->

12.85 12.95





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.03 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE095108.D

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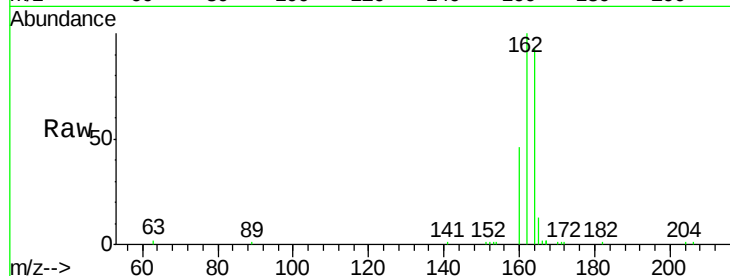
Tgt Ion:164 Resp: 6935

Ion Ratio Lower Upper

164 100

162 107.1 83.1 124.7

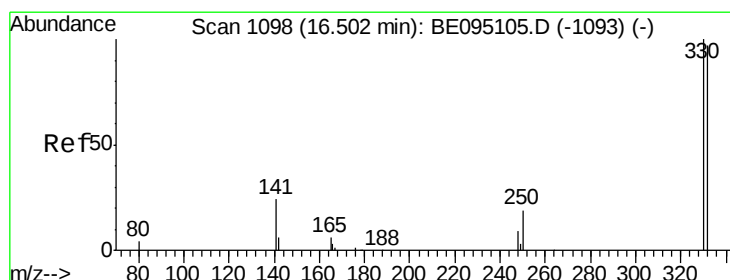
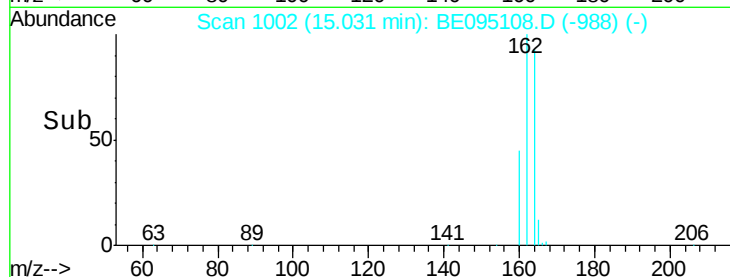
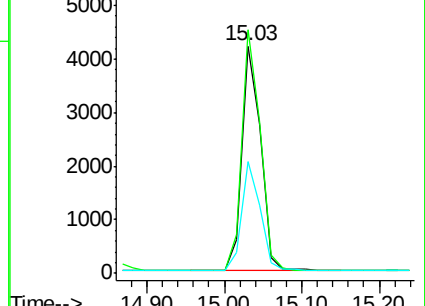
160 49.3 37.1 55.7



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: 0.292 ng

RT: 16.50 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

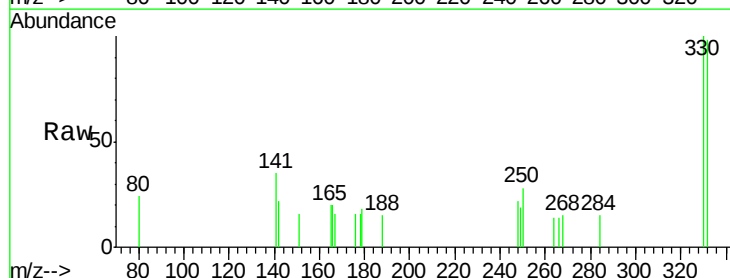
Tgt Ion:330 Resp: 461

Ion Ratio Lower Upper

330 100

332 102.4 152.7 229.1#

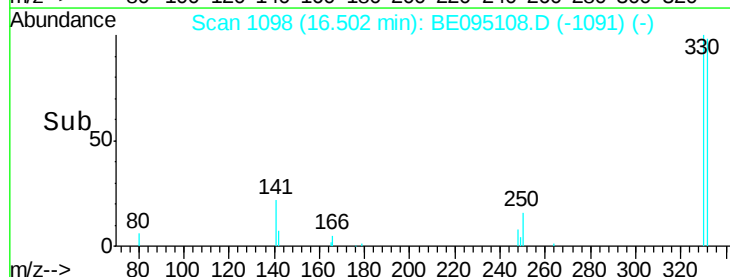
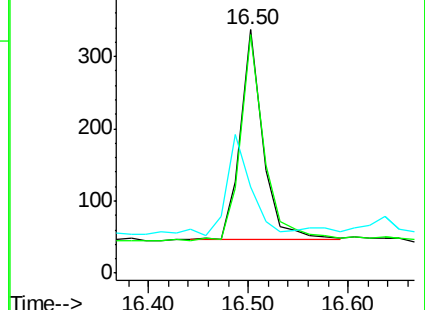
141 47.3 33.7 50.5

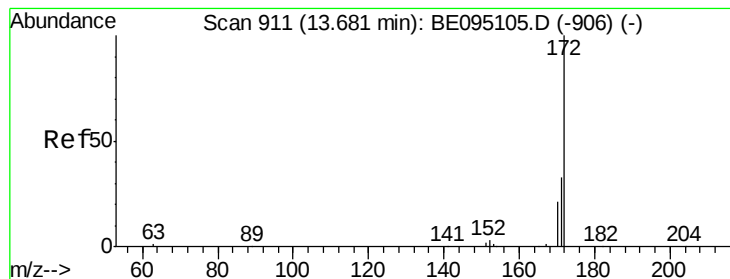


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.384 ng

RT: 13.68 min Scan# 911

Delta R.T. 0.00 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

Instrument :

BNA_E

ClientSampleId :

PB105932BS

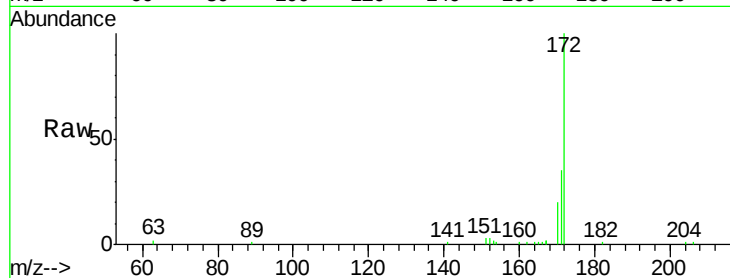
Tgt Ion:172 Resp: 11707

Ion Ratio Lower Upper

172 100

171 34.7 29.9 44.9

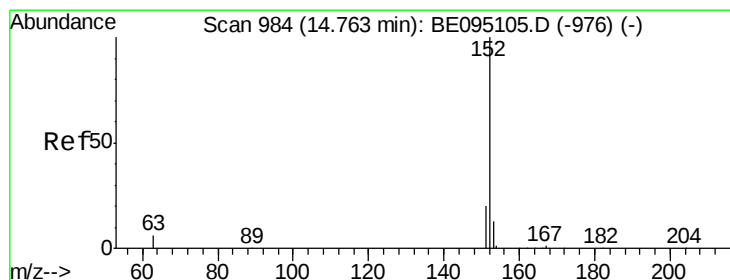
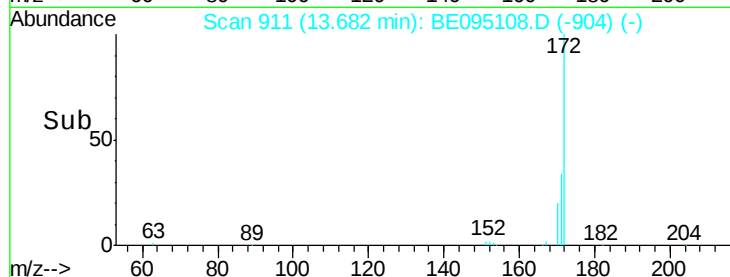
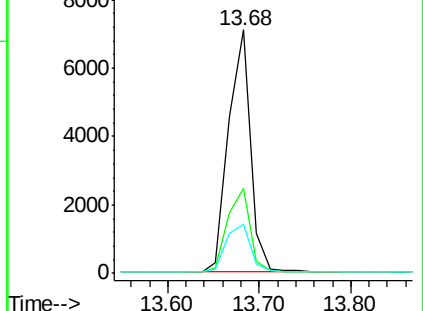
170 20.3 21.8 32.8#



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: 0.275 ng

RT: 14.76 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

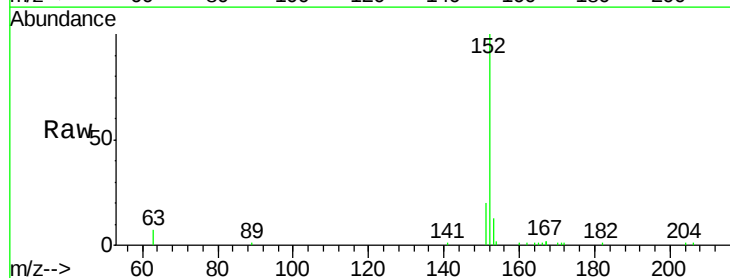
Tgt Ion:152 Resp: 10227

Ion Ratio Lower Upper

152 100

151 19.5 15.7 23.5

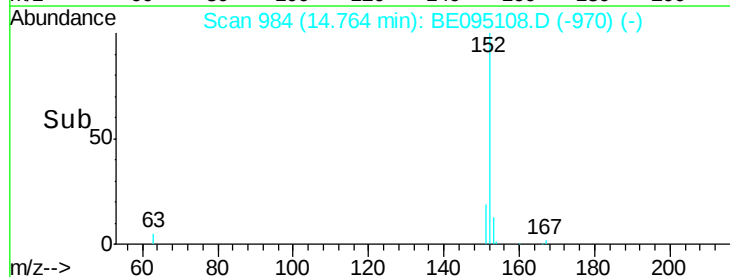
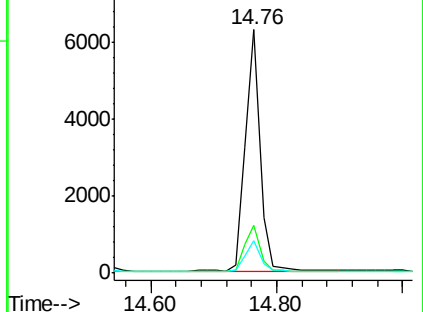
153 12.6 10.5 15.7

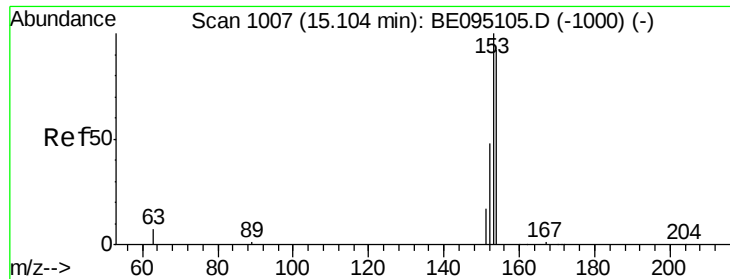


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.285 ng

RT: 15.09 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

Instrument :

BNA_E

ClientSampleId :

PB105932BS

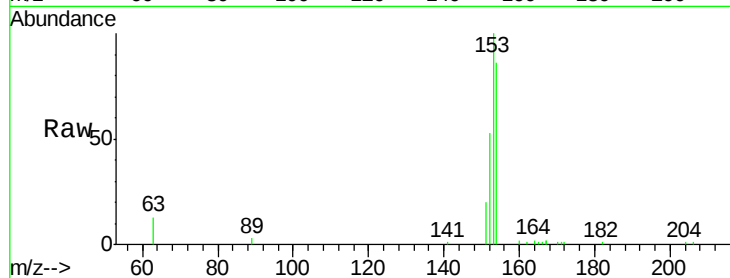
Tgt Ion:154 Resp: 6888

Ion Ratio Lower Upper

154 100

153 114.5 89.2 133.8

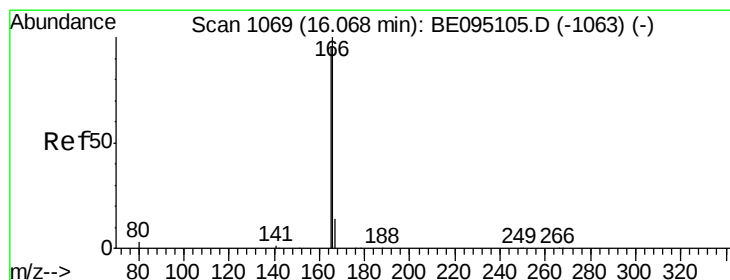
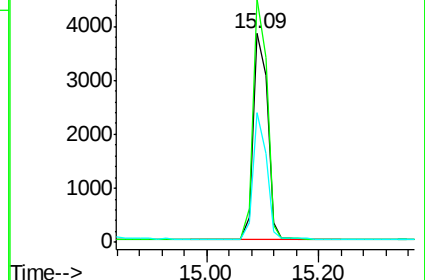
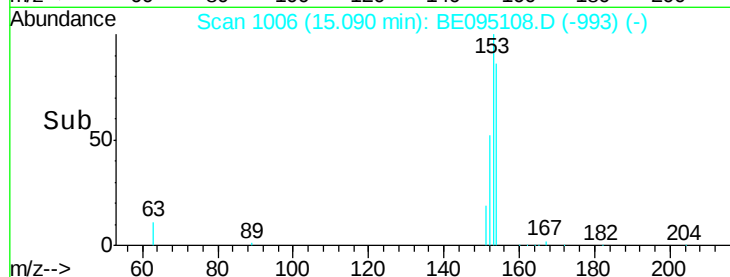
152 58.1 42.0 63.0



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: 0.282 ng

RT: 16.07 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

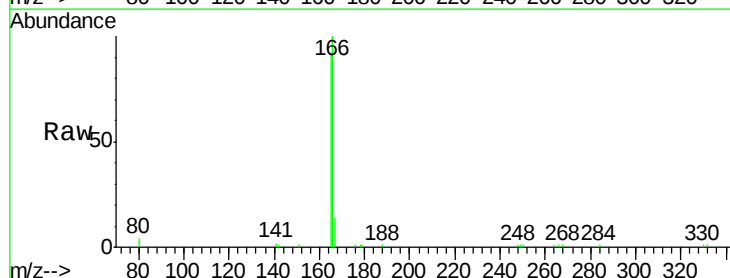
Tgt Ion:166 Resp: 8521

Ion Ratio Lower Upper

166 100

165 98.4 77.8 116.6

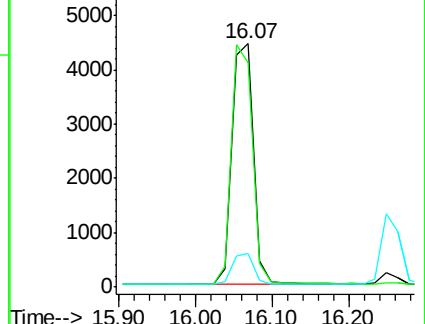
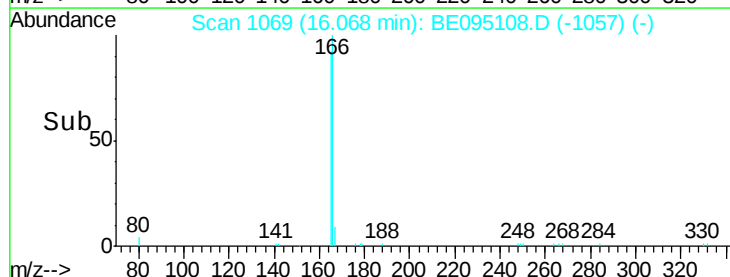
167 13.2 42.4 63.6#

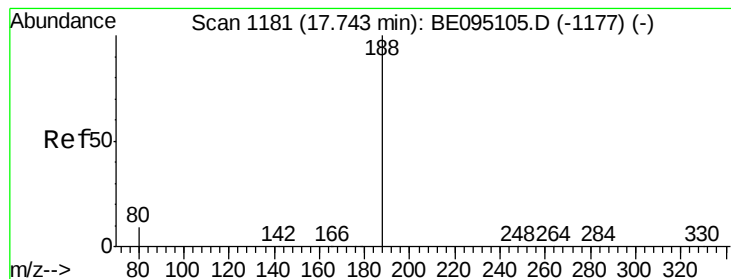


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE095108.D

Acq: 25 Jan 2018 10:05

Instrument :

BNA_E

ClientSampleId :

PB105932BS

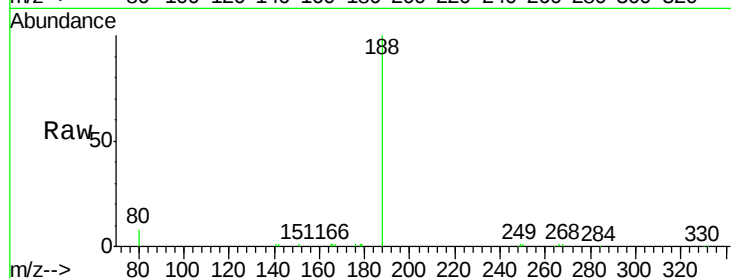
Tgt Ion:188 Resp: 15810

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

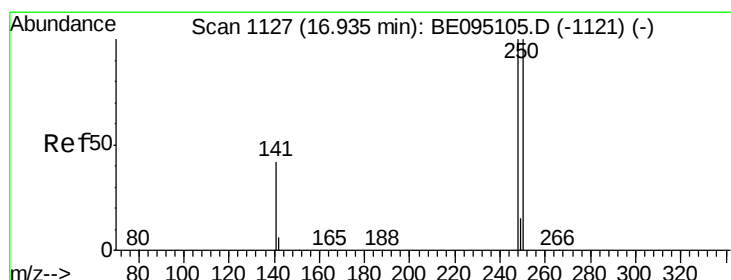
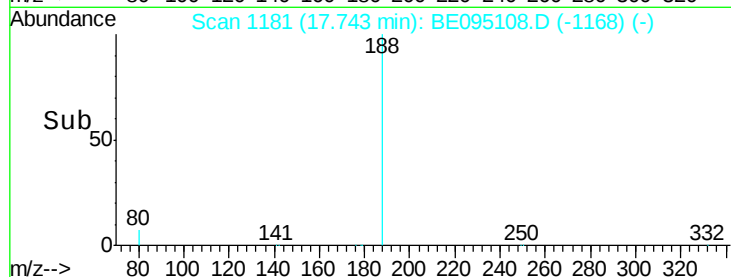
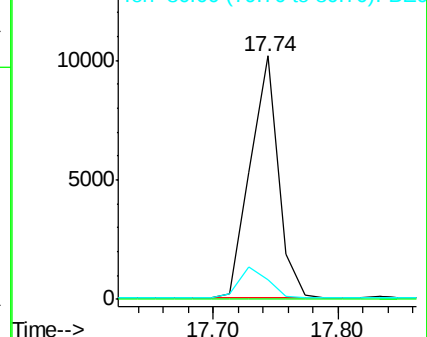
80 8.0 3.6 5.4#



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: 0.294 ng

RT: 16.94 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

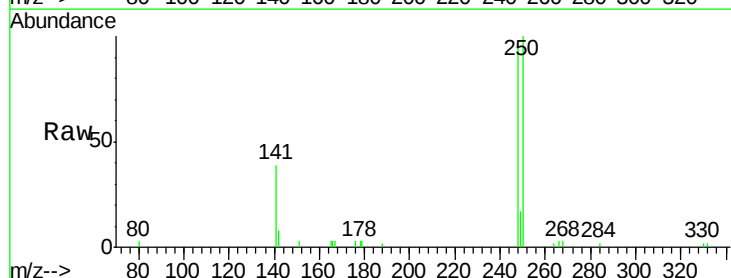
Tgt Ion:248 Resp: 2738

Ion Ratio Lower Upper

248 100

250 104.3 62.7 94.1#

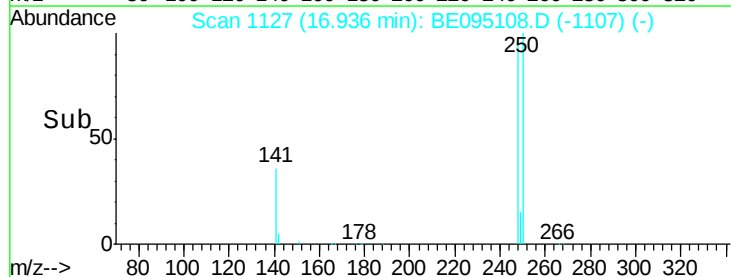
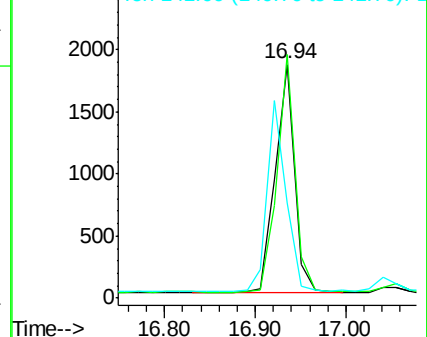
141 41.0 48.2 72.2#

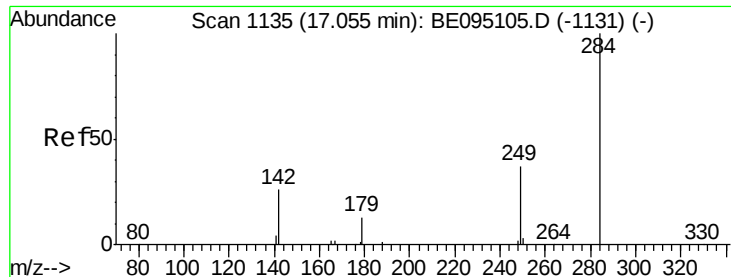


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.290 ng

RT: 17.06 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

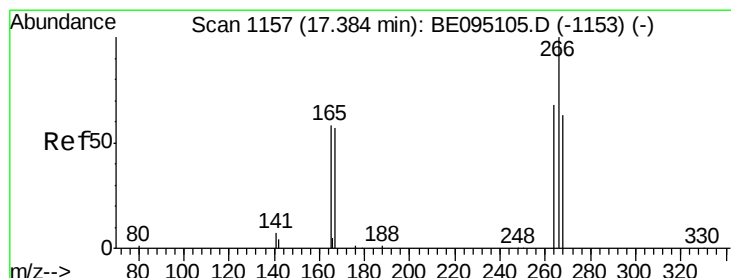
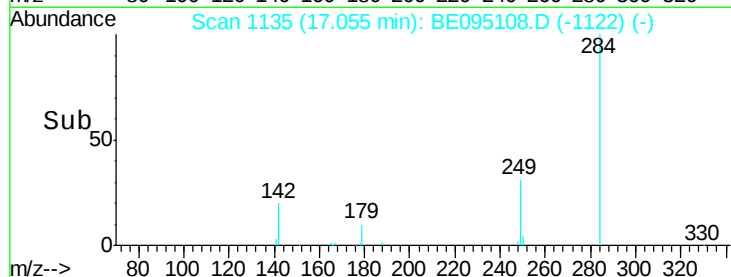
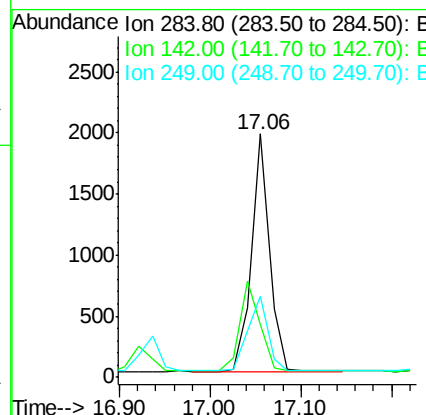
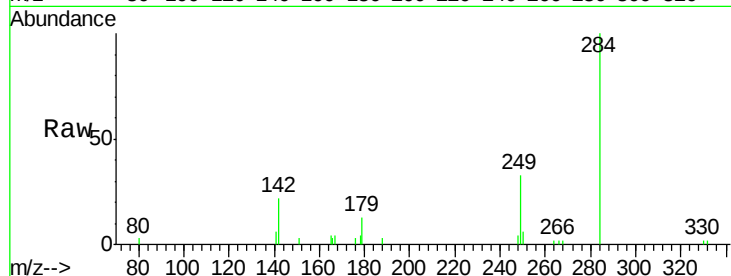
Instrument :

BNA_E

ClientSampleId :

PB105932BS

Tgt Ion:	284	Resp:	2710
Ion	Ratio	Lower	Upper
284	100		
142	42.0	22.1	33.1#
249	35.0	34.8	52.2



#22

Pentachlorophenol

Concen: 0.505 ng

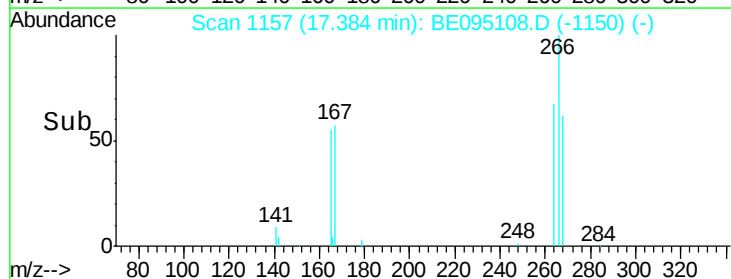
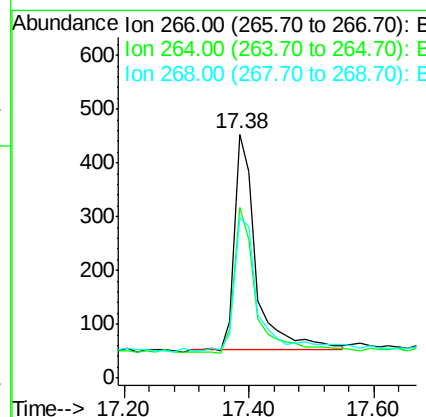
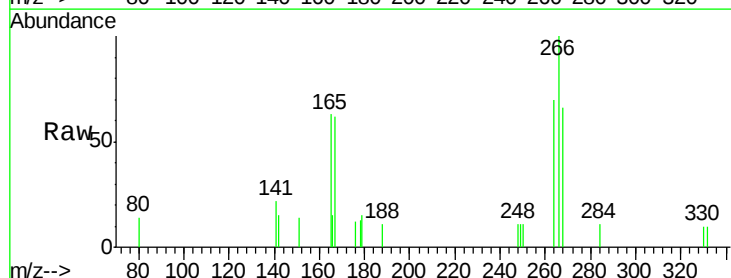
RT: 17.38 min Scan# 1157

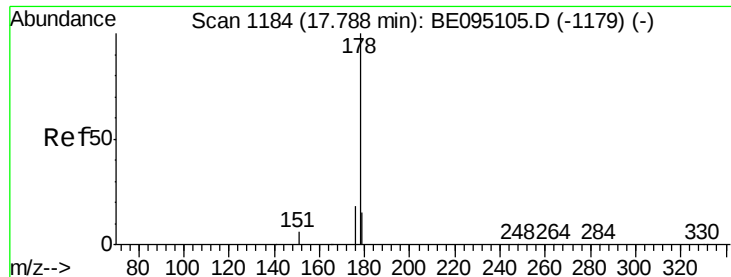
Delta R.T. 0.00 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

Tgt Ion:	266	Resp:	966
Ion	Ratio	Lower	Upper
266	100		
264	70.0	72.5	108.7#
268	66.0	73.8	110.6#





#23

Phenanthrene

Concen: 0.298 ng

RT: 17.77 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

Instrument :

BNA_E

ClientSampleId :

PB105932BS

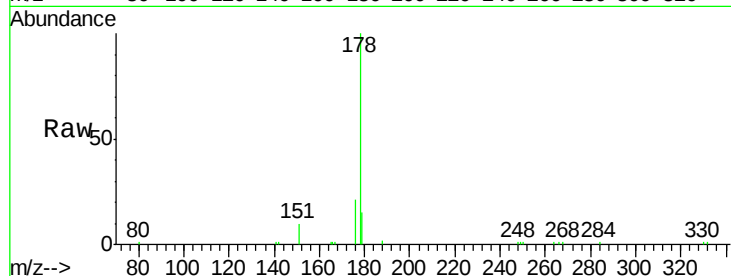
Tgt Ion:178 Resp: 14569

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

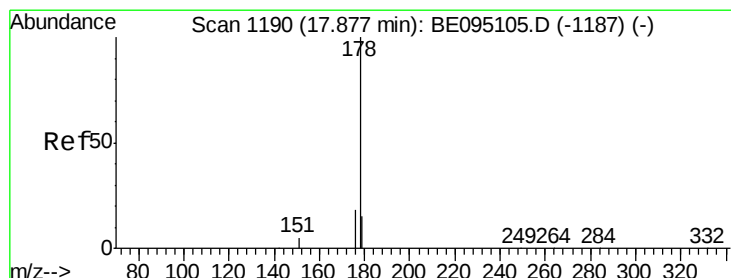
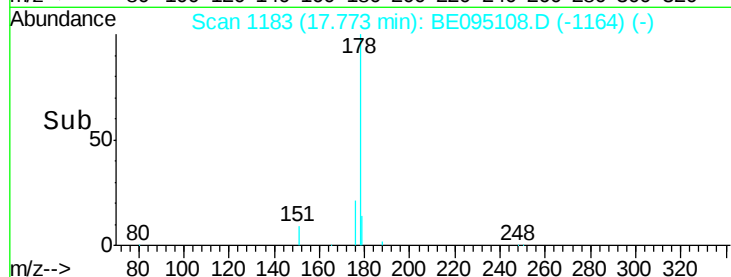
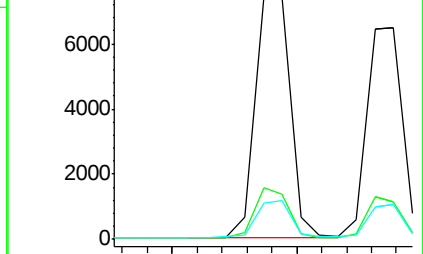
179 15.4 11.8 17.6



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: 0.292 ng

RT: 17.88 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

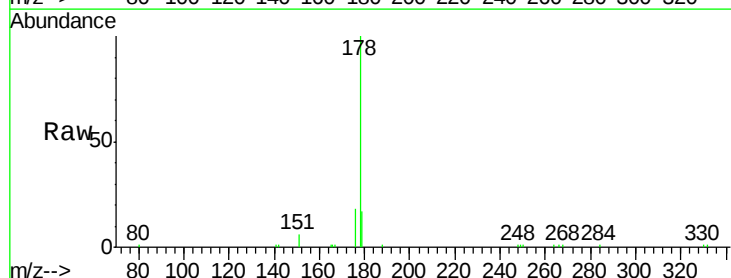
Tgt Ion:178 Resp: 12698

Ion Ratio Lower Upper

178 100

176 18.5 12.8 19.2

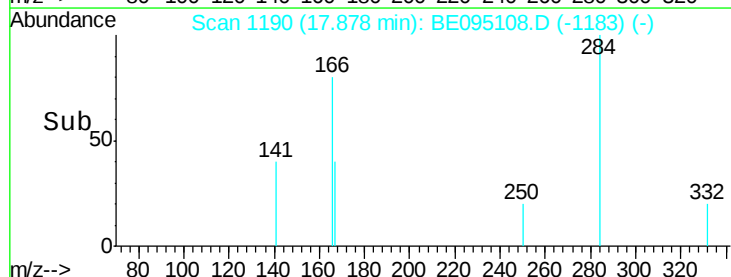
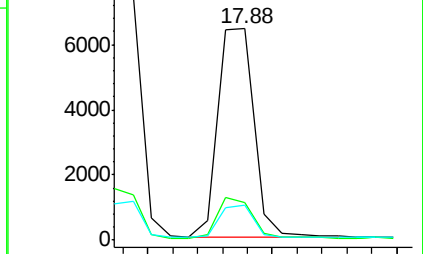
179 15.0 13.0 19.6

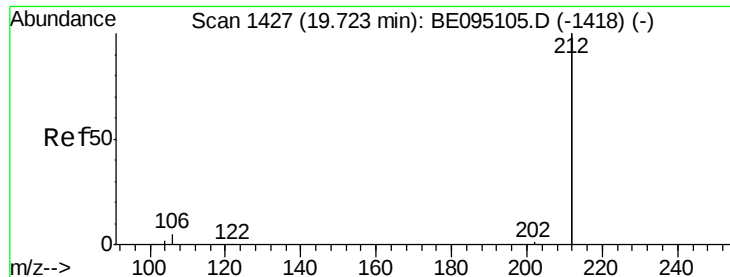


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.327 ng

RT: 19.72 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

Instrument :

BNA_E

ClientSampleId :

PB105932BS

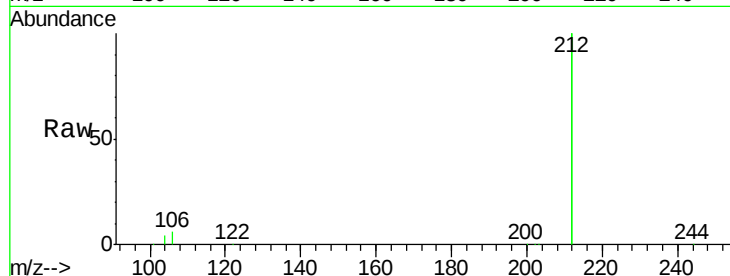
Tgt Ion:212 Resp: 65054

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

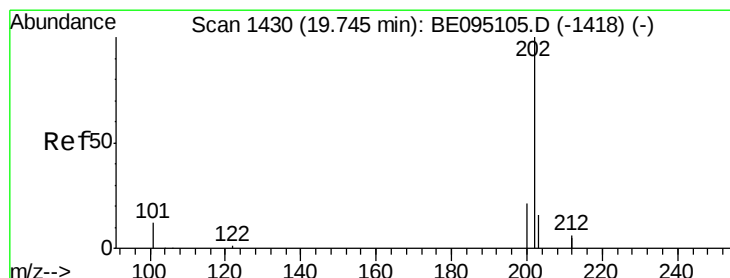
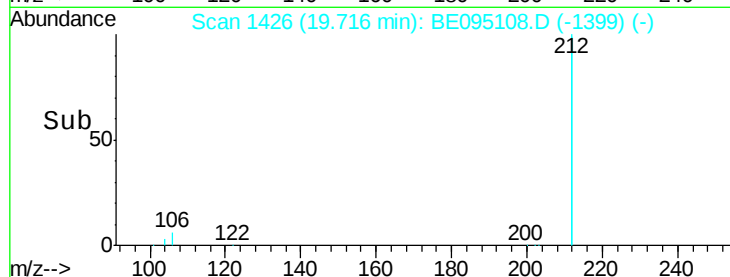
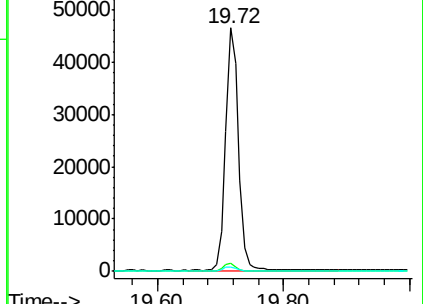
104 1.8 1.6 2.4



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: 0.301 ng

RT: 19.75 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

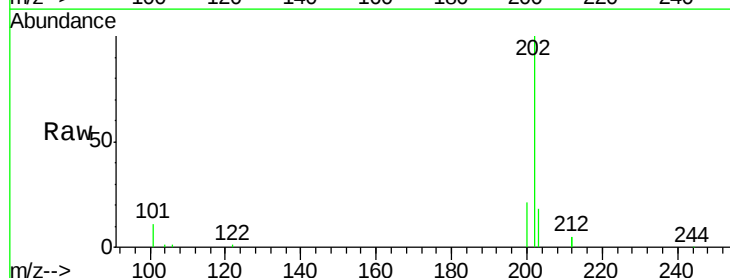
Tgt Ion:202 Resp: 17653

Ion Ratio Lower Upper

202 100

101 10.8 9.8 14.8

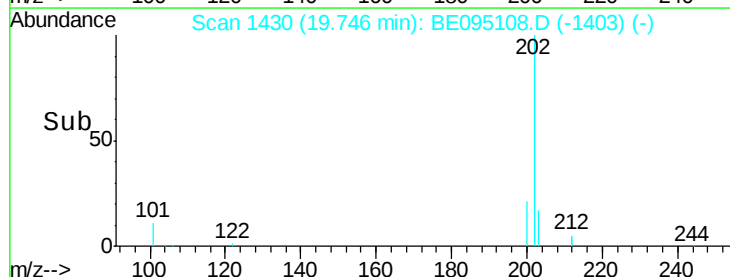
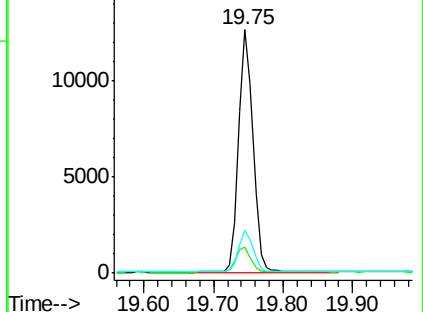
203 17.2 13.7 20.5

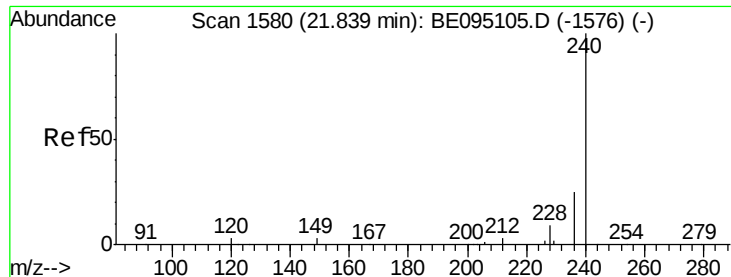


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE095108.D

Acq: 25 Jan 2018 10:05

Instrument :

BNA_E

ClientSampleId :

PB105932BS

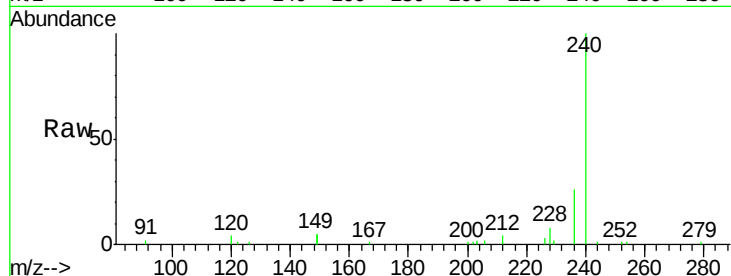
Tgt Ion:240 Resp: 16577

Ion Ratio Lower Upper

240 100

120 4.2 5.5 8.3#

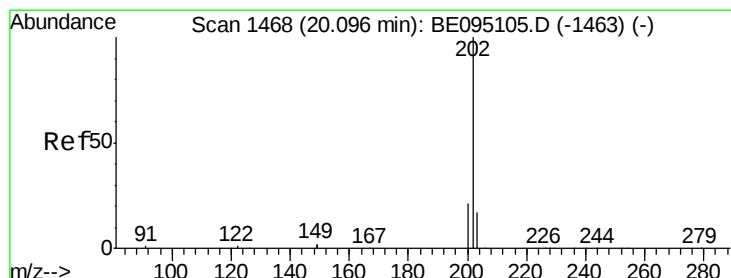
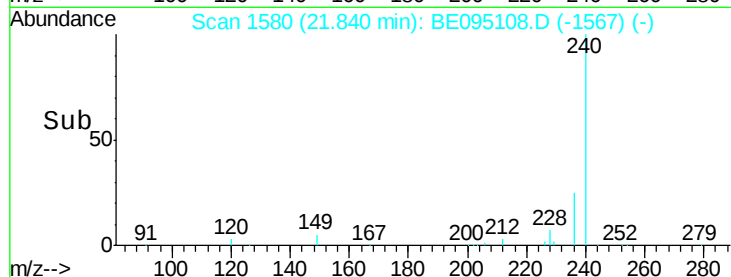
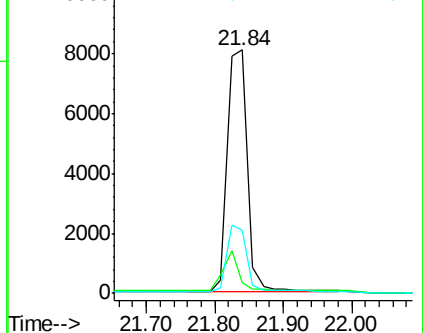
236 25.7 20.7 31.1



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: 0.289 ng

RT: 20.10 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

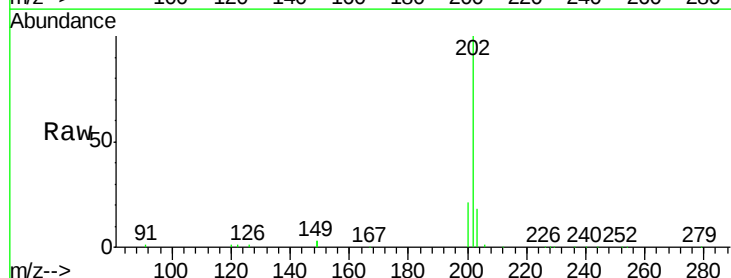
Tgt Ion:202 Resp: 20244

Ion Ratio Lower Upper

202 100

200 21.3 16.6 25.0

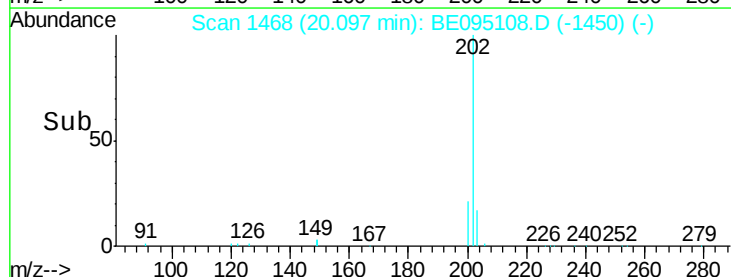
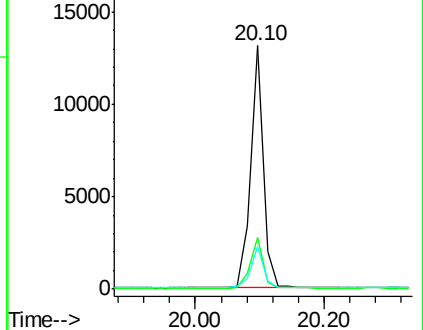
203 17.0 13.8 20.8

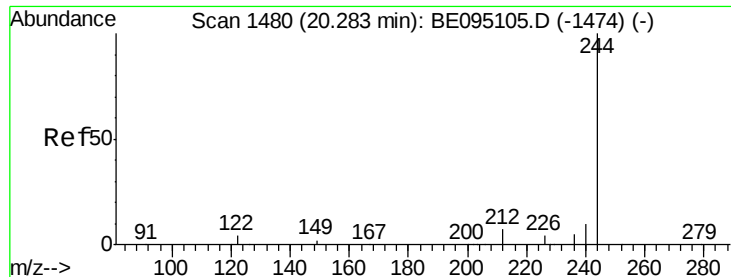


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.352 ng

RT: 20.28 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

Instrument :

BNA_E

ClientSampleId :

PB105932BS

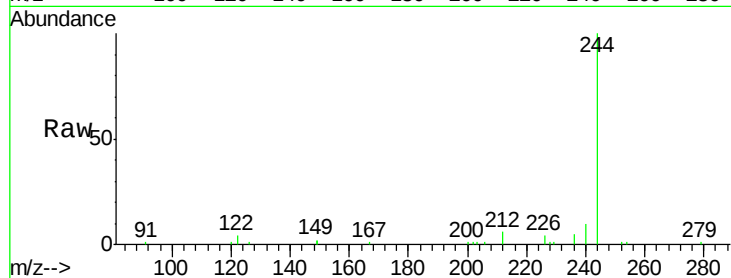
Tgt Ion:244 Resp: 11940

Ion Ratio Lower Upper

244 100

212 6.2 25.4 38.0#

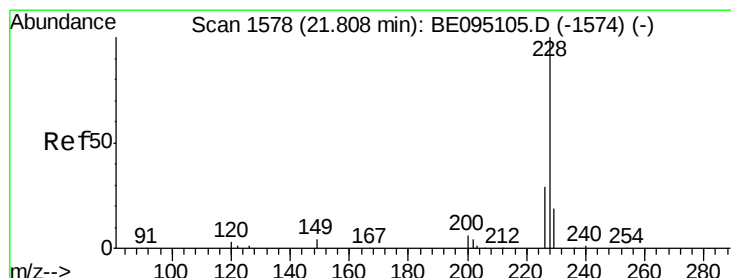
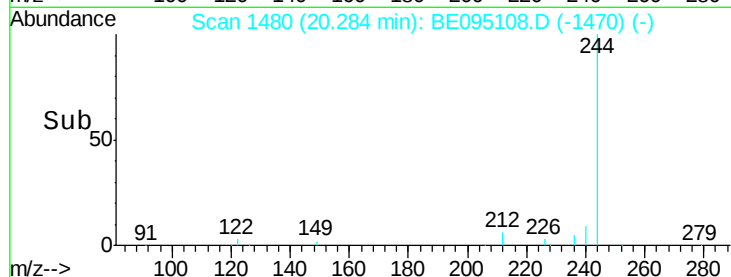
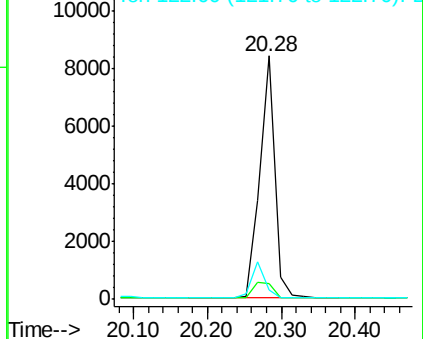
122 3.6 8.1 12.1#



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: 0.297 ng

RT: 21.81 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

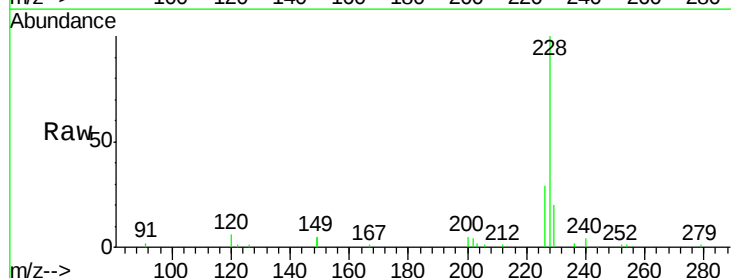
Tgt Ion:228 Resp: 15419

Ion Ratio Lower Upper

228 100

226 29.3 24.0 36.0

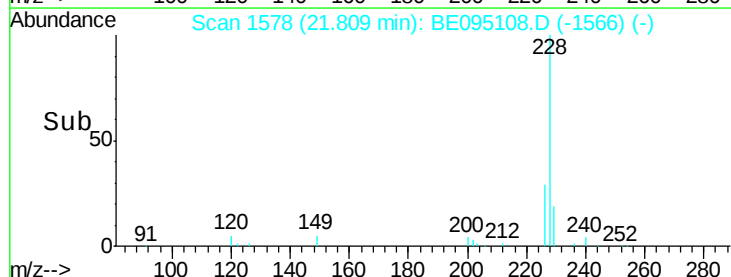
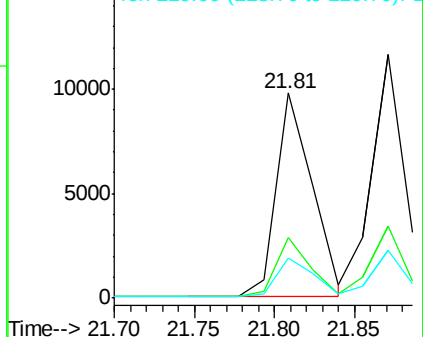
229 19.6 16.0 24.0

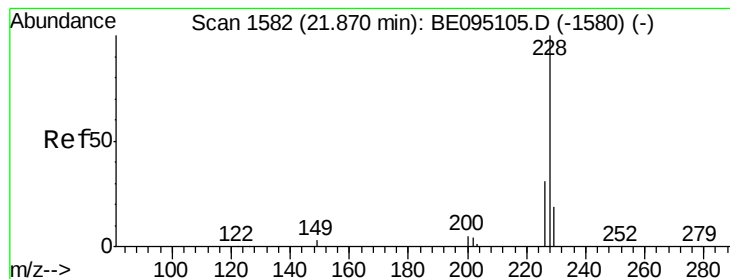


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.314 ng

RT: 21.87 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

Instrument :

BNA_E

ClientSampleId :

PB105932BS

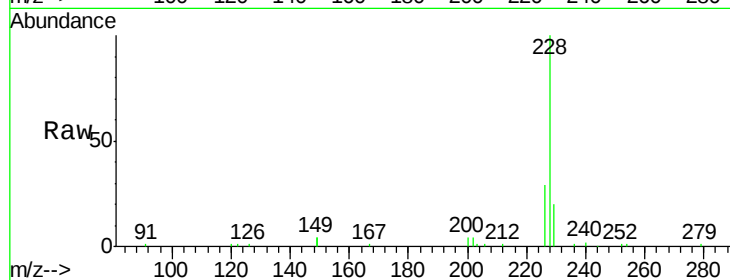
Tgt Ion:228 Resp: 16451

Ion Ratio Lower Upper

228 100

226 29.5 24.0 36.0

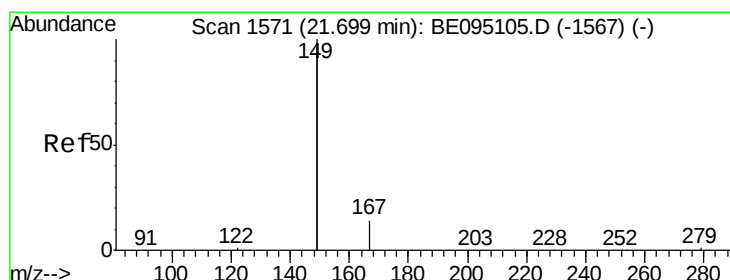
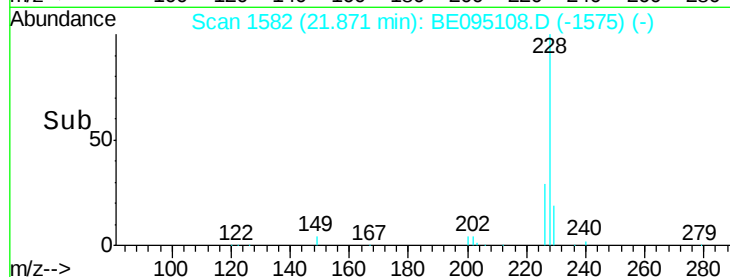
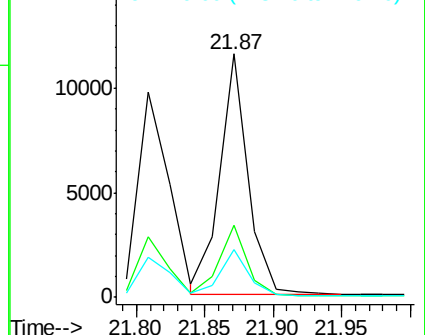
229 19.5 16.0 24.0



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: 0.236 ng

RT: 21.70 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

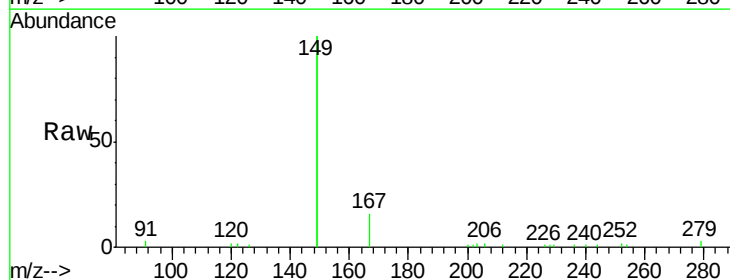
Tgt Ion:149 Resp: 17013

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

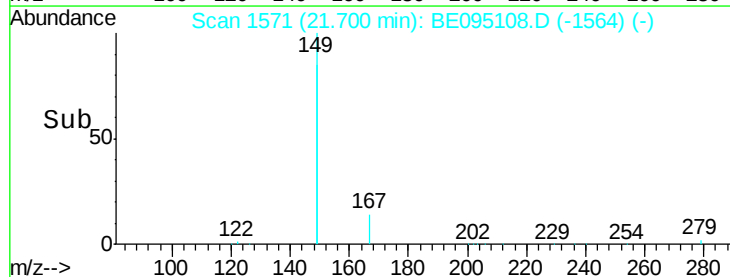
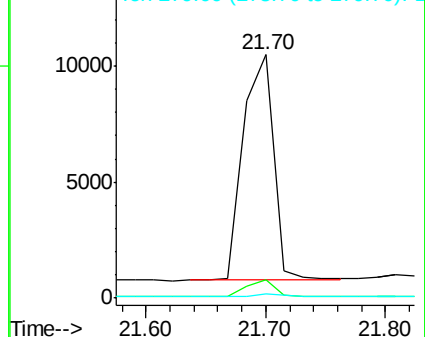
279 1.0 0.7 1.1

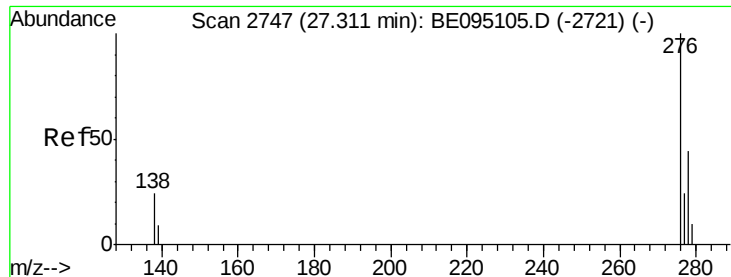


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.278 ng

RT: 27.31 min Scan# 2747

Delta R.T. -0.01 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

Instrument :

BNA_E

ClientSampleId :

PB105932BS

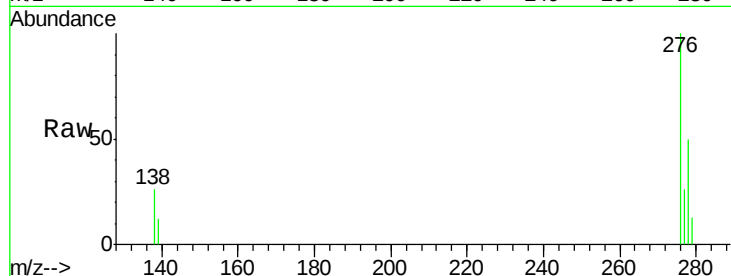
Tgt Ion:276 Resp: 13236

Ion Ratio Lower Upper

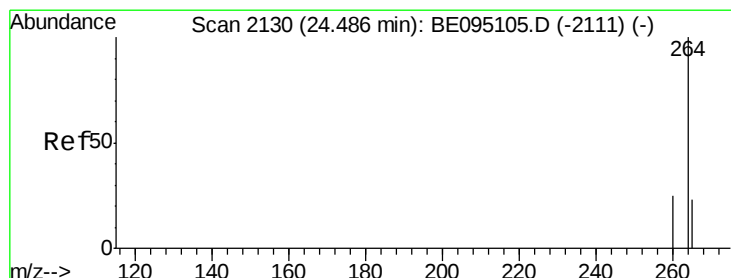
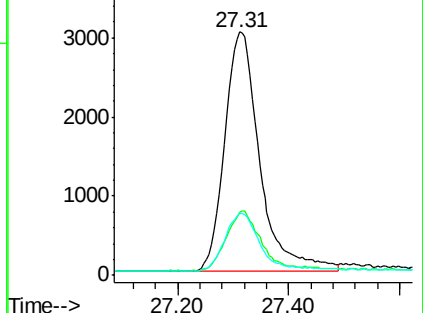
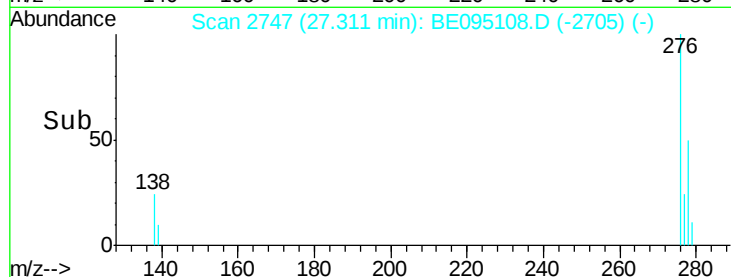
276 100

138 25.4 22.5 33.7

277 24.2 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.48 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

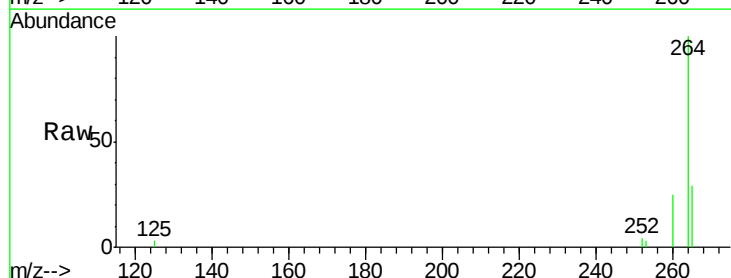
Tgt Ion:264 Resp: 13998

Ion Ratio Lower Upper

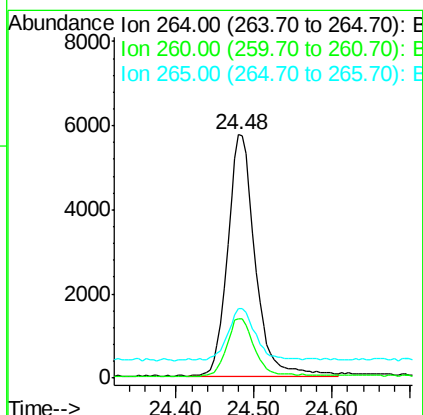
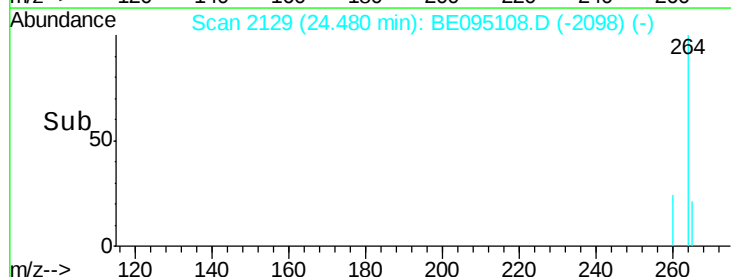
264 100

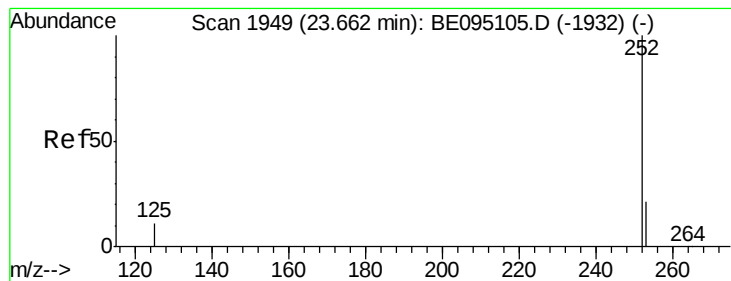
260 24.5 20.5 30.7

265 28.7 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.297 ng

RT: 23.66 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

Instrument :

BNA_E

ClientSampleId :

PB105932BS

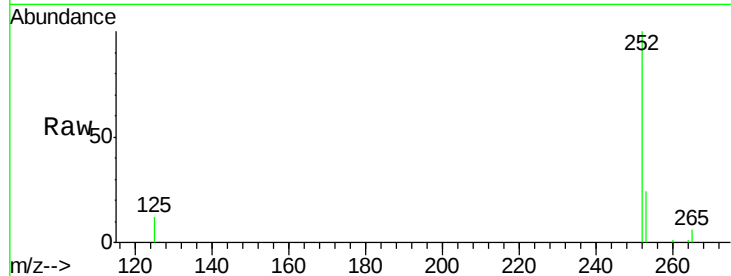
Tgt Ion:252 Resp: 14770

Ion Ratio Lower Upper

252 100

253 24.0 20.0 30.0

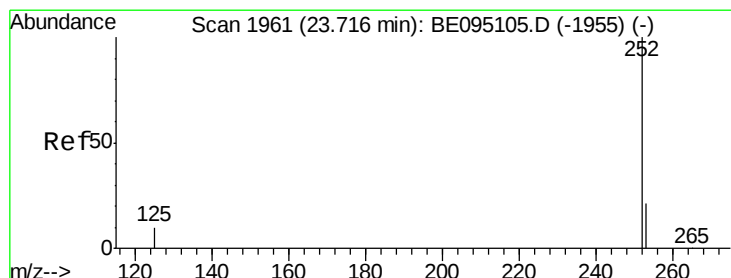
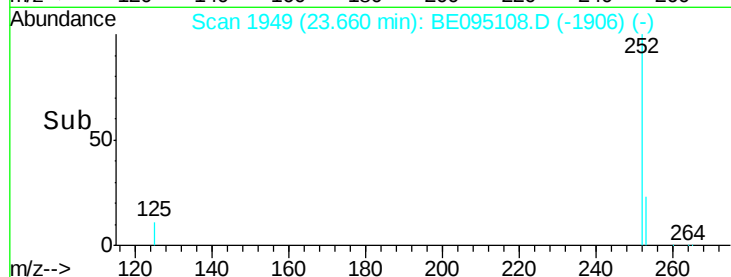
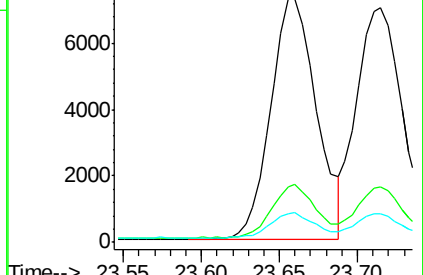
125 12.3 16.0 24.0#



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: 0.288 ng

RT: 23.71 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

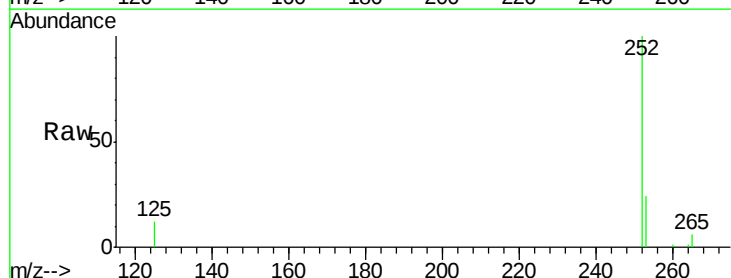
Tgt Ion:252 Resp: 14628

Ion Ratio Lower Upper

252 100

253 23.7 16.0 24.0

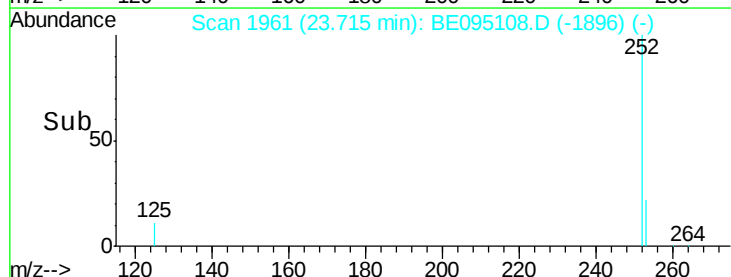
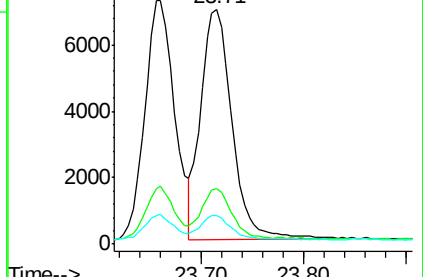
125 12.1 8.0 12.0#

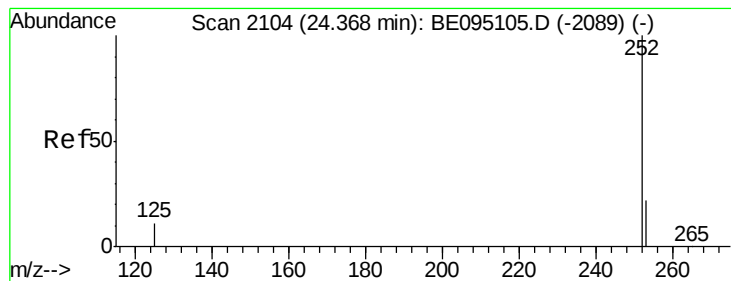


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.289 ng

RT: 24.36 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

Instrument :

BNA_E

ClientSampleId :

PB105932BS

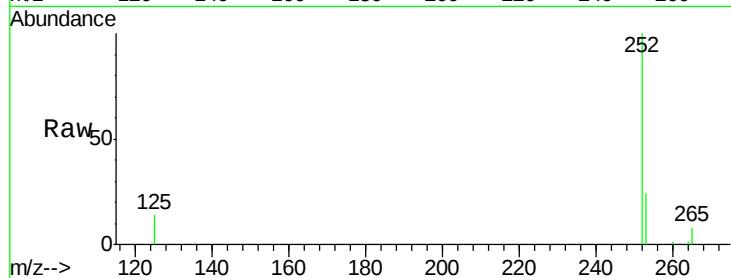
Tgt Ion:252 Resp: 13149

Ion Ratio Lower Upper

252 100

253 23.7 16.0 24.0

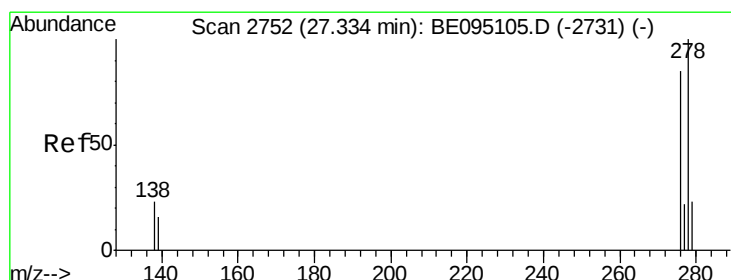
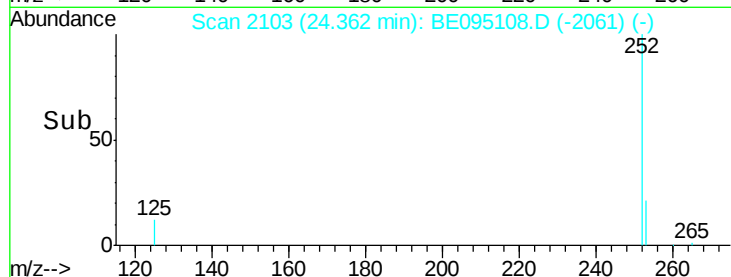
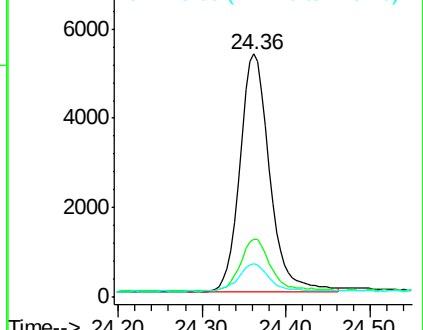
125 13.7 12.0 18.0



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: 0.268 ng

RT: 27.33 min Scan# 2751

Delta R.T. -0.01 min

Lab File: BE095108.D

Acq: 25 Jan 2018 10:05

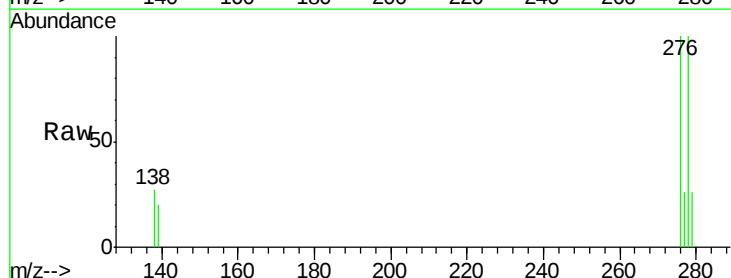
Tgt Ion:278 Resp: 10268

Ion Ratio Lower Upper

278 100

139 19.8 16.0 24.0

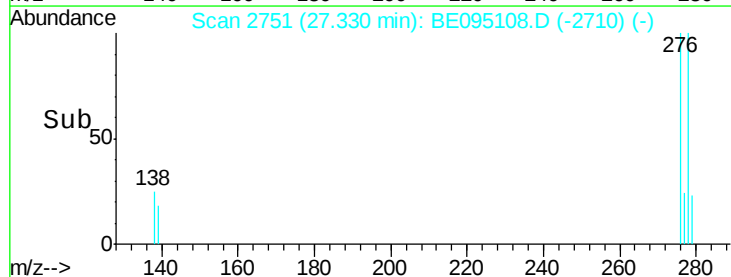
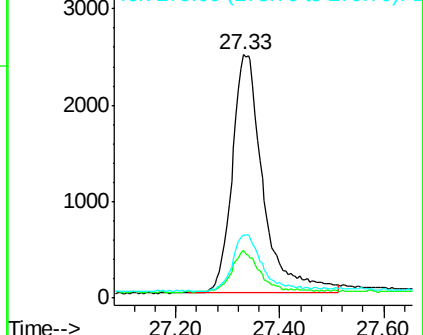
279 25.7 20.0 30.0

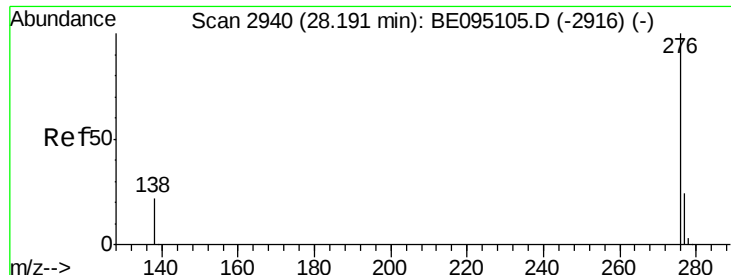


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.299 ng

RT: 28.19 min Scan# 2939

Delta R.T. -0.01 min

Lab File: BE095108.D

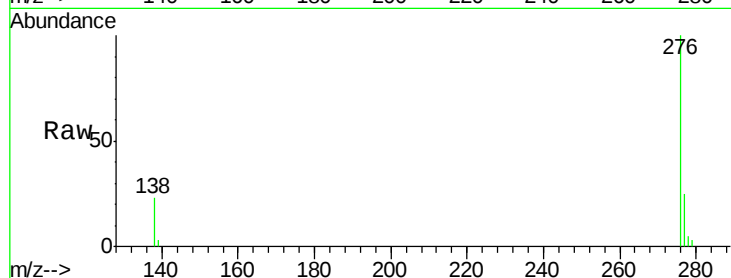
Acq: 25 Jan 2018 10:05

Instrument :

BNA_E

ClientSampleId :

PB105932BS



Tgt Ion: 276 Resp: 12428

Ion Ratio Lower Upper

276 100

277 25.2 16.0 24.0#

138 23.0 20.0 30.0

