

Data Path : Z:\HPCHEM1\BNA E\DATA\BE122217\
 Data File : BE095041.D
 Acq On : 22 Dec 2017 12:18
 Operator : SJ/JU
 Sample : PB105289BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB105289BS

Quant Time: Dec 22 17:39:15 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 18:42:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6611	0.40	ng	-0.01
7) Naphthalene-d8	11.31	136	14341	0.40	ng	-0.02
13) Acenaphthene-d10	15.05	164	7100	0.40	ng	-0.01
19) Phenanthrene-d10	17.74	188	16552	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	17226	0.40	ng	-0.03
34) Perylene-d12	24.49	264	14899	0.40	ng	-0.05

System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	3097	0.30	ng	-0.01
5) Phenol-d6	7.58	99	4230	0.28	ng	-0.01
8) Nitrobenzene-d5	9.63	82	3916	0.33	ng	-0.02
11) 2-Methylnaphthalene-d10	12.84	152	6933	0.30	ng	-0.02
14) 2,4,6-Tribromophenol	16.50	330	450	0.27	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	10626	0.34	ng	-0.01
25) Fluoranthene-d10	19.72	212	64260	0.30	ng	-0.03
29) Terphenyl-d14	20.28	244	12544	0.39	ng	-0.03

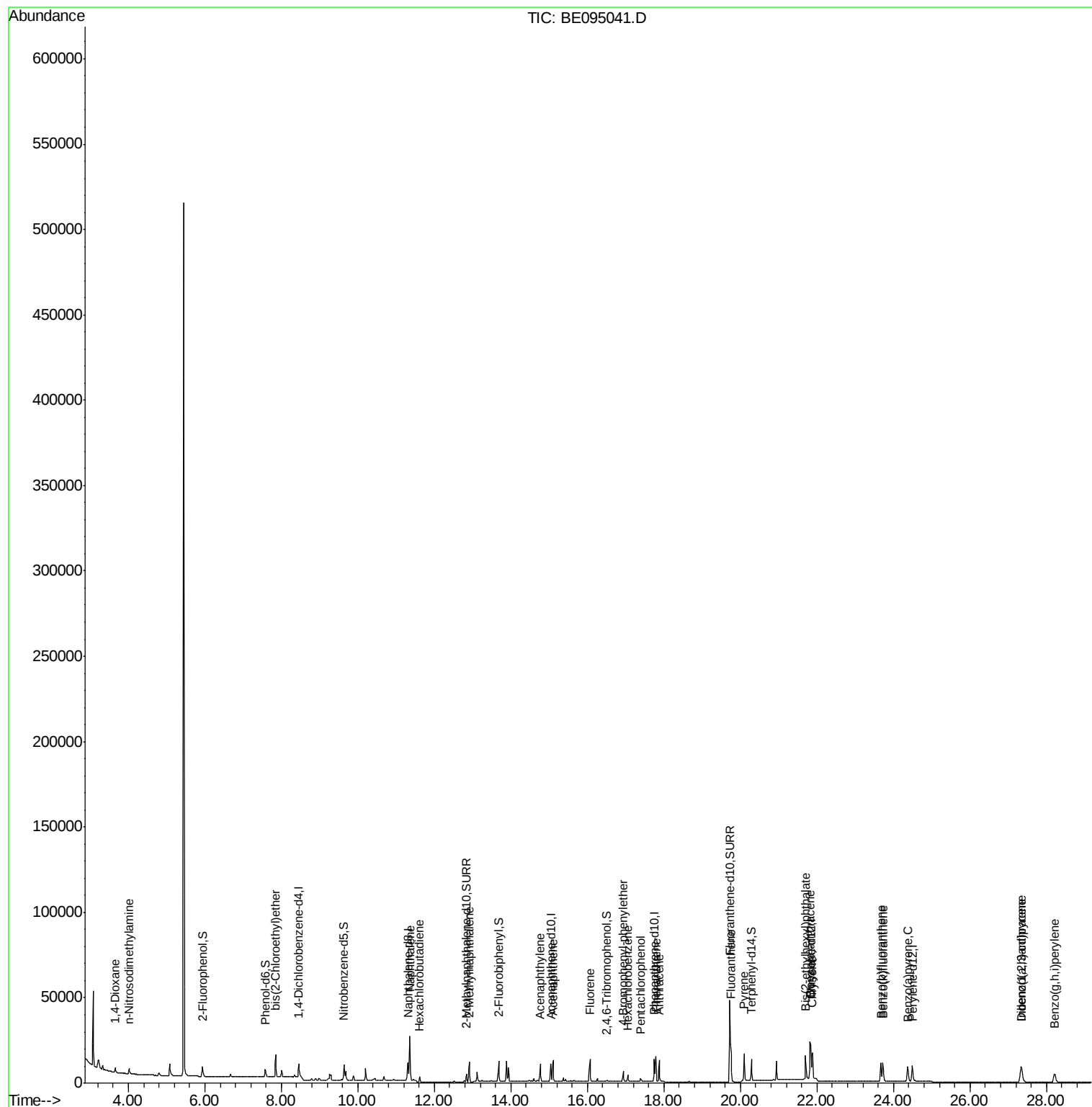
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.66	88	1747	0.268	ng	# 46
3) n-Nitrosodimethylamine	4.01	42	2240	0.291	ng	# 97
6) bis(2-Chloroethyl)ether	7.85	93	4437	0.298	ng	98
9) Naphthalene	11.36	128	49597	0.295	ng	99
10) Hexachlorobutadiene	11.61	225	2288	0.299	ng	96
12) 2-Methylnaphthalene	12.91	142	11516	0.274	ng	95
16) Acenaphthylene	14.76	152	10947	0.288	ng	99
17) Acenaphthene	15.11	154	7340	0.292	ng	96
18) Fluorene	16.07	166	9206	0.294	ng	# 78
20) 4-Bromophenyl-phenylether	16.94	248	2991	0.309	ng	# 88
21) Hexachlorobenzene	17.06	284	2923	0.295	ng	# 82
22) Pentachlorophenol	17.40	266	1043	0.505	ng	# 73
23) Phenanthrene	17.79	178	15893	0.308	ng	99
24) Anthracene	17.88	178	15817	0.299	ng	# 89
26) Fluoranthene	19.75	202	18899	0.297	ng	98
28) Pyrene	20.10	202	20671	0.354	ng	95
30) Benzo(a)anthracene	21.82	228	16906	0.336	ng	# 62
31) Chrysene	21.89	228	19427	0.343	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.70	149	18593	0.290	ng	99
33) Indeno(1,2,3-cd)pyrene	27.33	276	16454	0.357	ng	97
35) Benzo(b)fluoranthene	23.67	252	16427	0.300	ng	# 90
36) Benzo(k)fluoranthene	23.72	252	16356	0.295	ng	# 93
37) Benzo(a)pyrene	24.38	252	15198	0.313	ng	94
38) Dibenzo(a,h)anthracene	27.35	278	12772	0.284	ng	100
39) Benzo(g,h,i)perylene	28.21	276	14060	0.314	ng	94

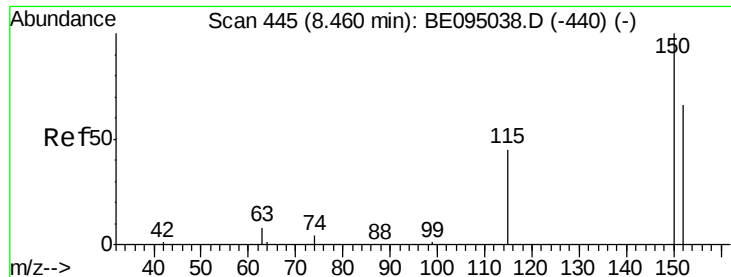
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE122217\
Data File : BE095041.D
Acq On : 22 Dec 2017 12:18
Operator : SJ/JU
Sample : PB105289BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB105289BS

Quant Time: Dec 22 17:39:15 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 18:42:53 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 445

Delta R.T. -0.01 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB105289BS

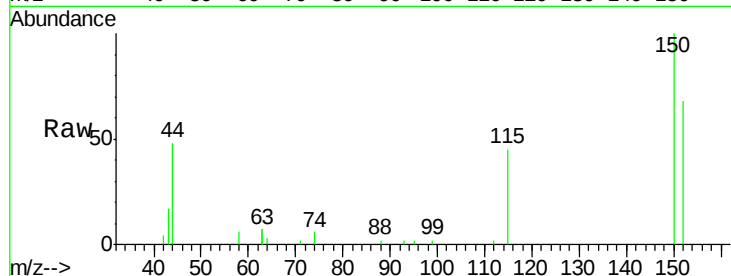
Tot Ion:152 Resp: 6611

Ion Ratio Lower Upper

152 100

150 146.2 117.2 175.8

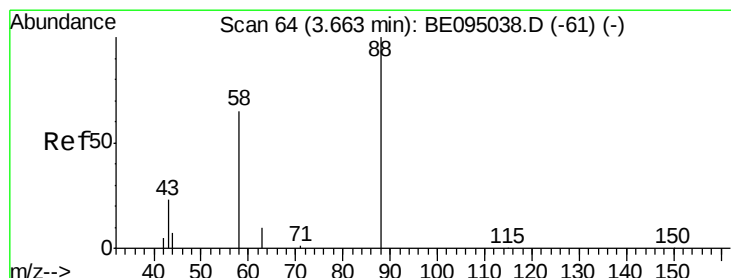
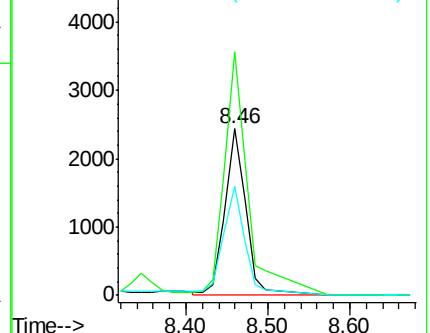
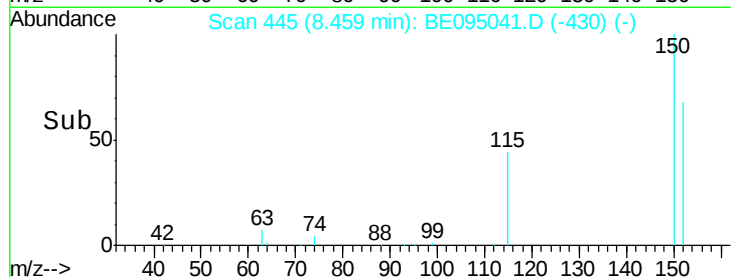
115 65.4 57.0 85.6



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: 0.268 ng

RT: 3.66 min Scan# 64

Delta R.T. 0.00 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

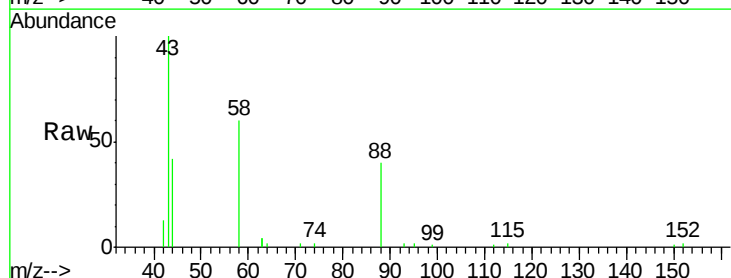
Tgt Ion: 88 Resp: 1747

Ion Ratio Lower Upper

88 100

58 106.1 63.2 94.8#

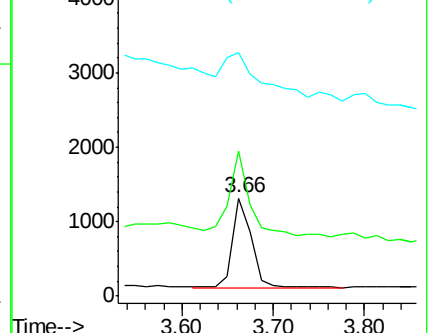
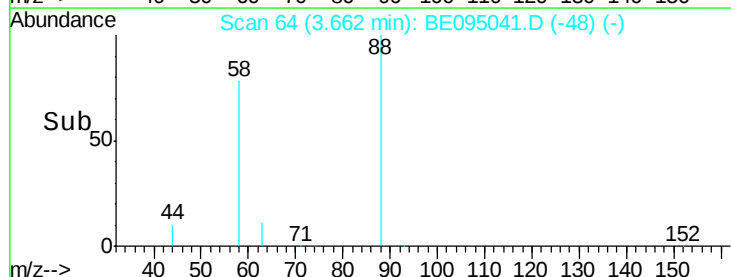
43 113.9 41.2 61.8#

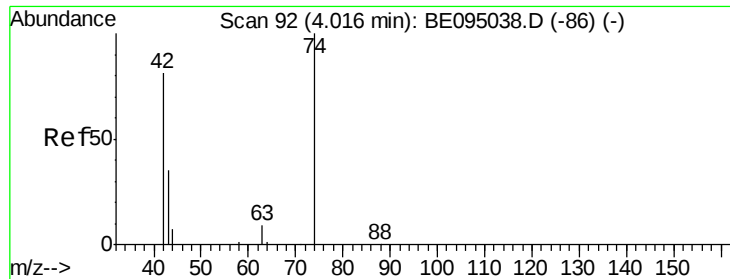


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.291 ng

RT: 4.01 min Scan# 92

Delta R.T. 0.00 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB105289BS

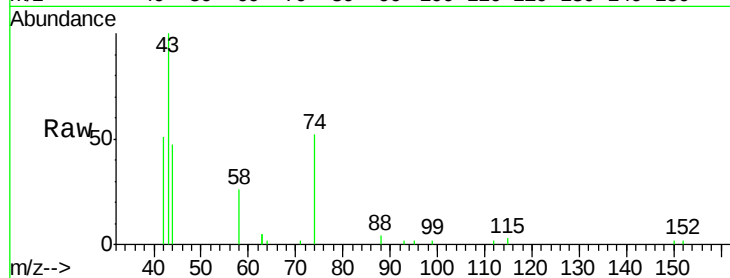
Tot Ion: 42 Resp: 2240

Ion Ratio Lower Upper

42 100

74 118.2 96.0 144.0

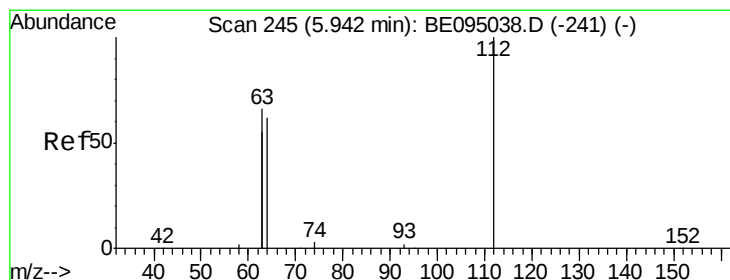
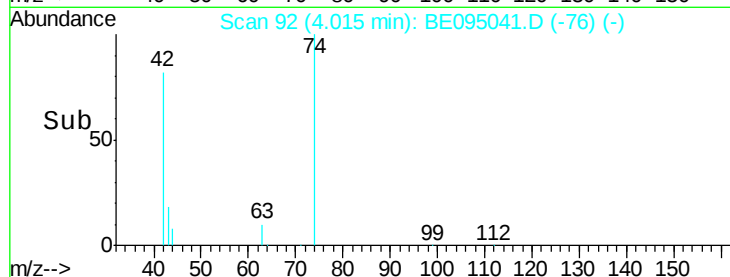
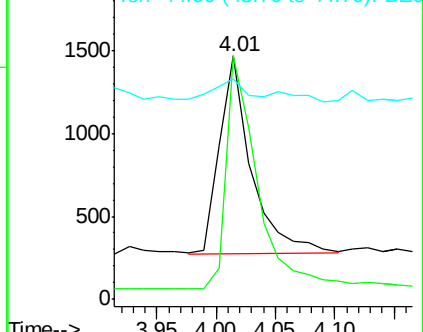
44 10.4 12.0 18.0#



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: 0.302 ng

RT: 5.94 min Scan# 245

Delta R.T. -0.01 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

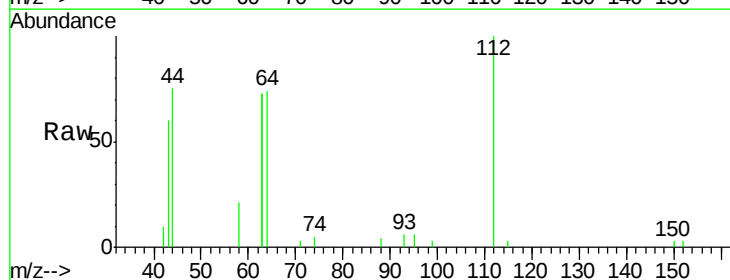
Tgt Ion: 112 Resp: 3097

Ion Ratio Lower Upper

112 100

64 70.6 60.1 90.1

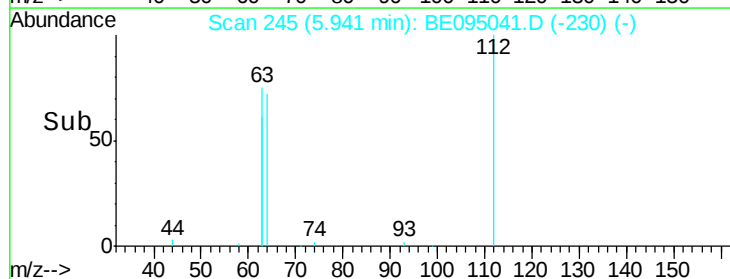
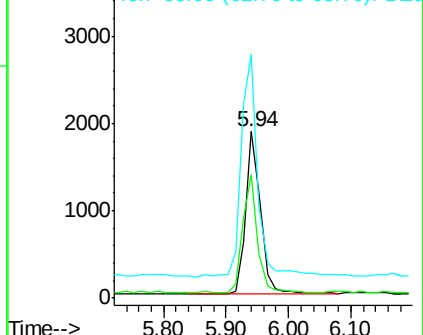
63 153.2 116.8 175.2

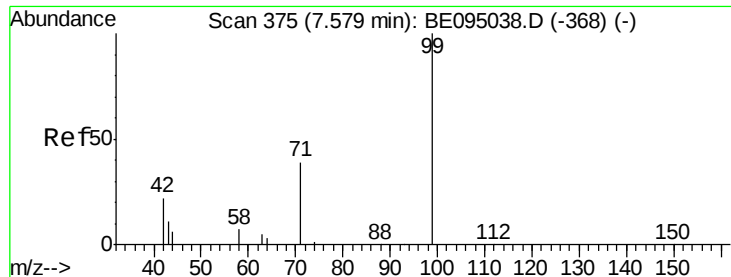


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.277 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB105289BS

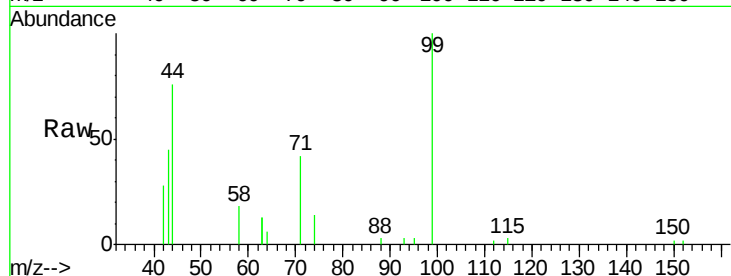
Tot Ion: 99 Resp: 4230

Ion Ratio Lower Upper

99 100

42 22.8 20.2 30.2

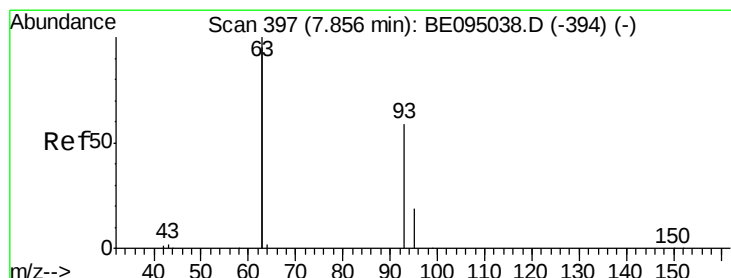
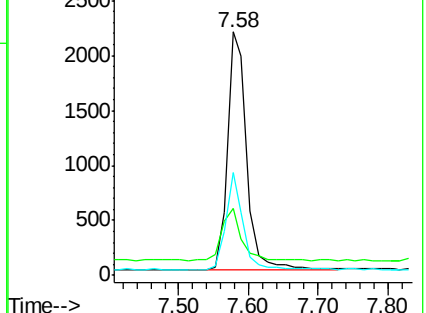
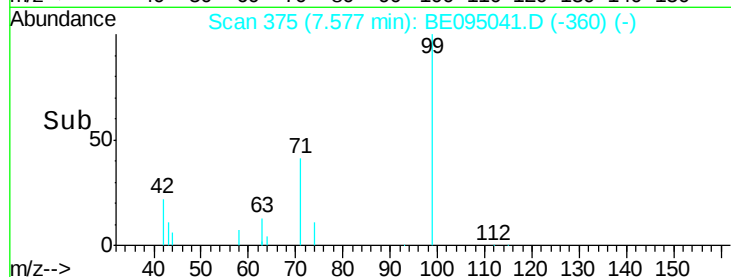
71 36.8 28.4 42.6



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: 0.298 ng

RT: 7.85 min Scan# 397

Delta R.T. -0.01 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

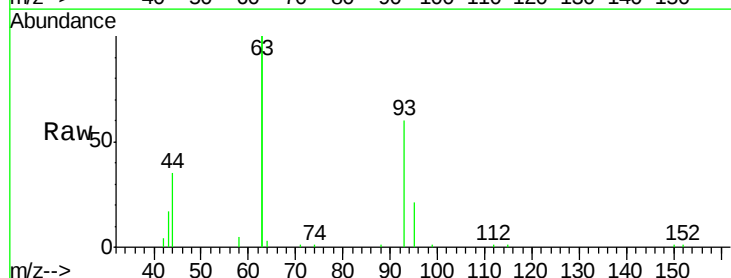
Tgt Ion: 93 Resp: 4437

Ion Ratio Lower Upper

93 100

63 339.0 275.3 412.9

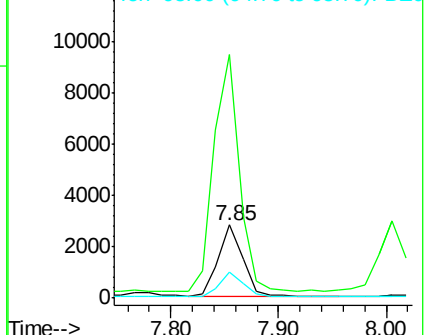
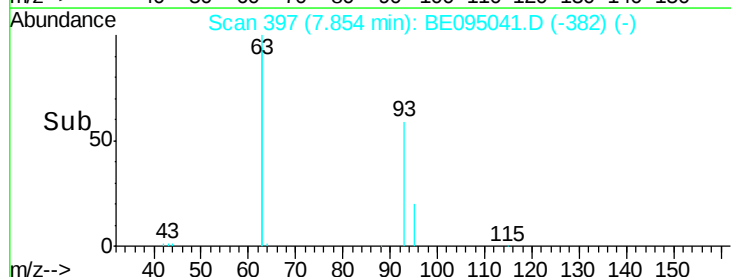
95 32.6 25.2 37.8

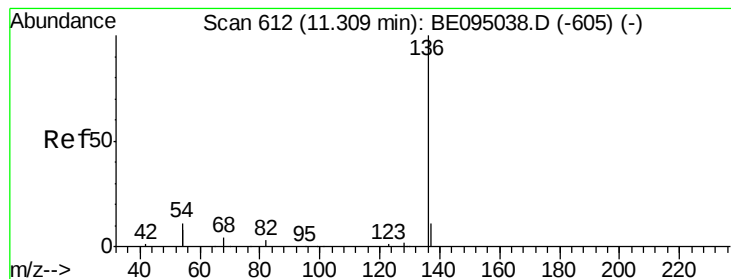


Abundance Ion 93.00 (92.70 to 93.70): BE0

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. -0.02 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB105289BS

Tot Ion:136 Resp: 14341

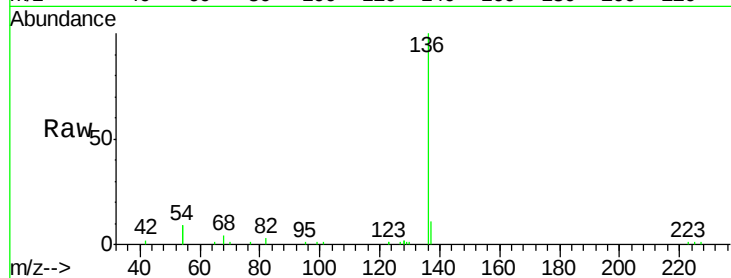
Ion Ratio Lower Upper

136 100

137 11.4 9.5 14.3

54 18.8 29.1 43.7#

68 4.4 6.2 9.2#

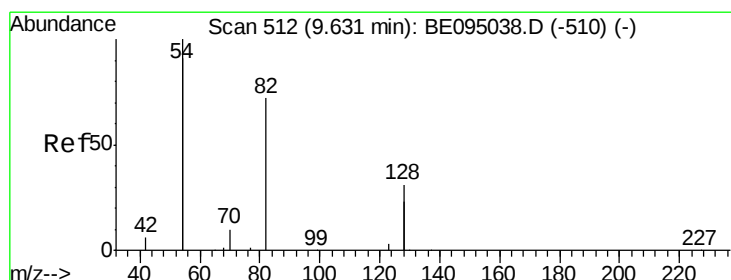
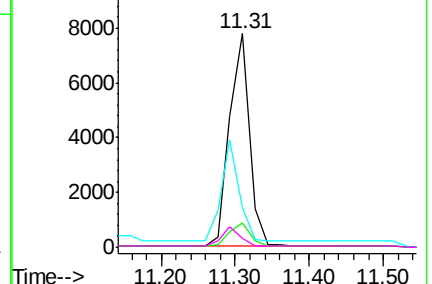
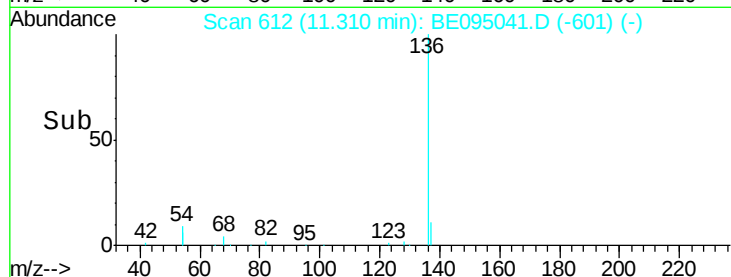


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.333 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.02 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

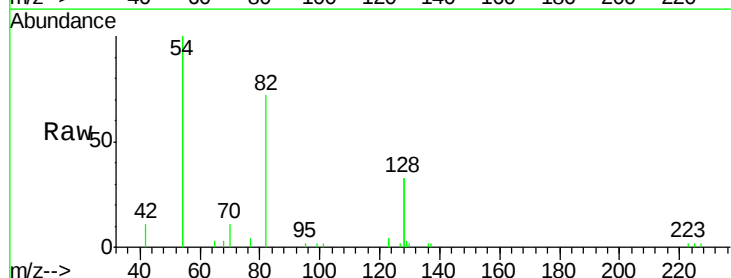
Tgt Ion: 82 Resp: 3916

Ion Ratio Lower Upper

82 100

128 91.8 150.0 225.0#

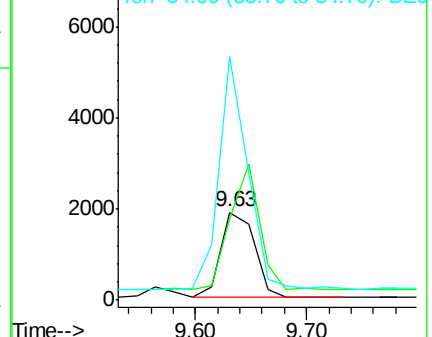
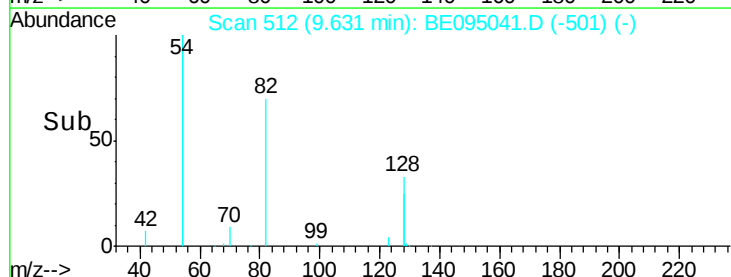
54 276.9 154.2 231.4#

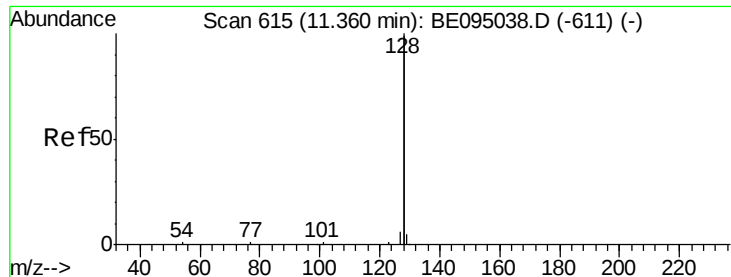


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.295 ng

RT: 11.36 min Scan# 615

Delta R.T. -0.02 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB105289BS

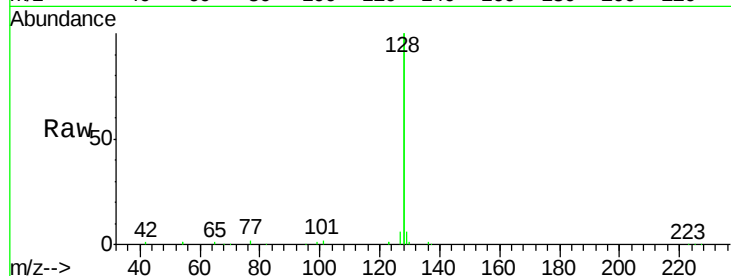
Tot Ion:128 Resp: 49597

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

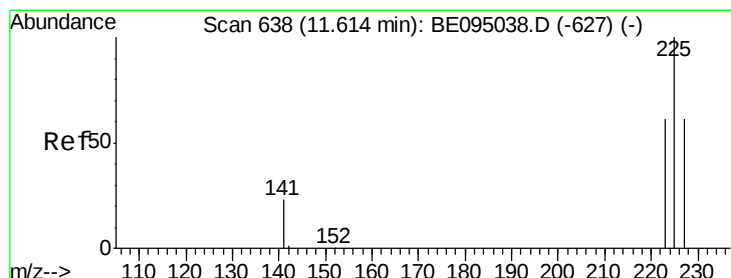
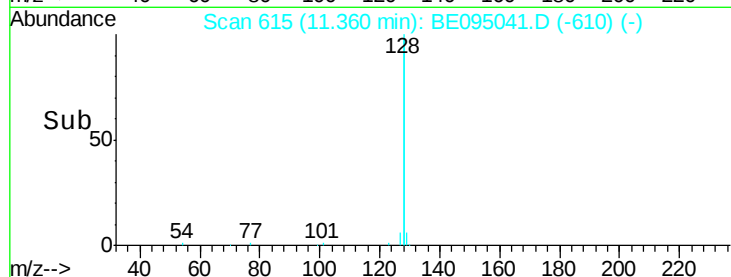
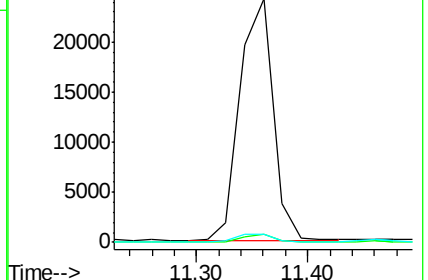
127 3.2 2.8 4.2



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: 0.299 ng

RT: 11.61 min Scan# 638

Delta R.T. -0.02 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

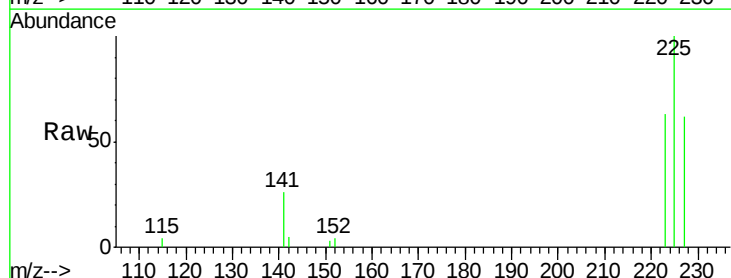
Tgt Ion:225 Resp: 2288

Ion Ratio Lower Upper

225 100

223 61.1 53.0 79.6

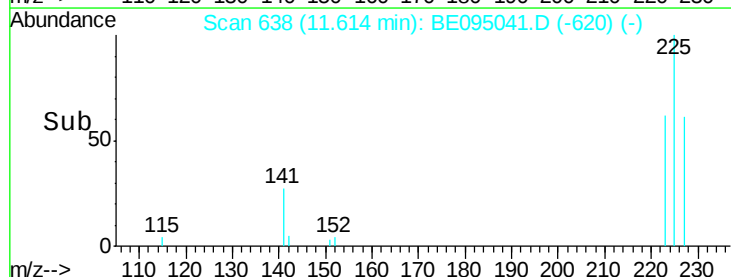
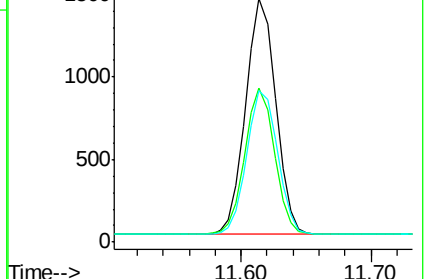
227 62.7 51.4 77.2

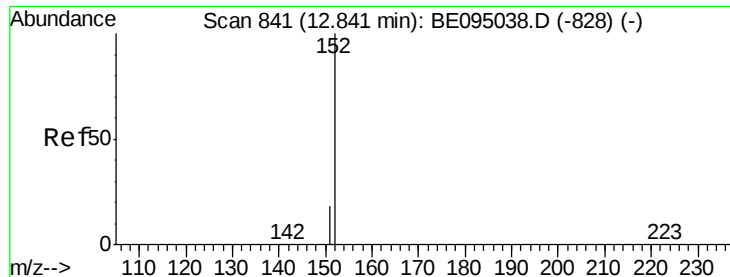


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

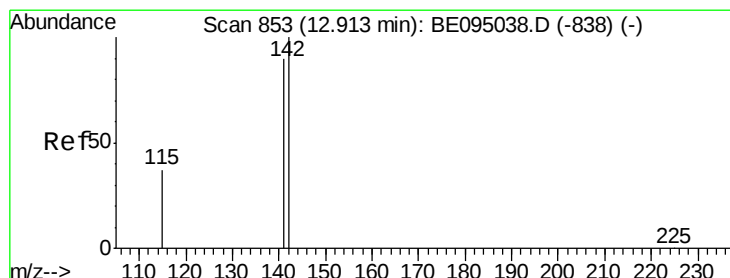
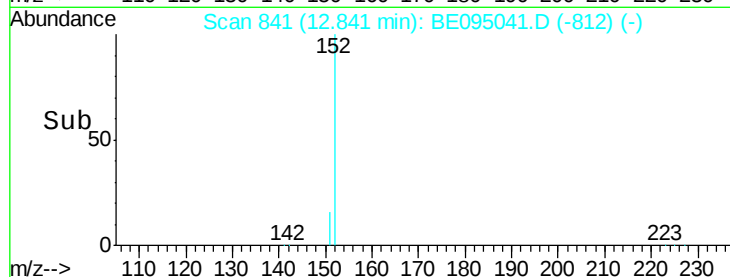
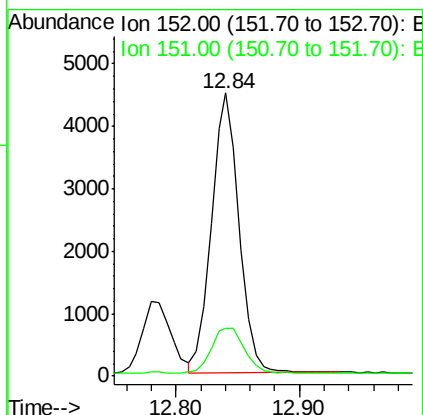
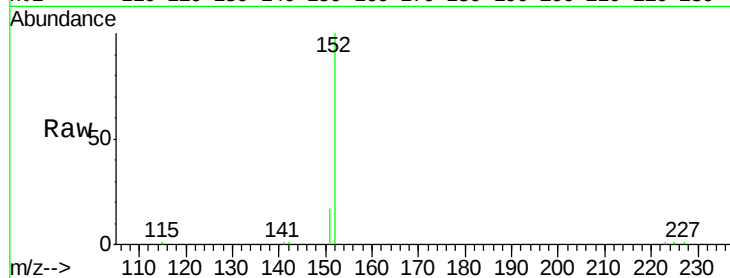




#11
 2-Methylnaphthalene-d10
 Concen: 0.295 ng
 RT: 12.84 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BE095041.D
 Acq: 22 Dec 2017 12:18

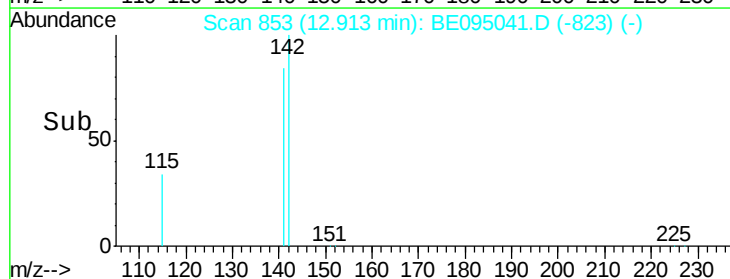
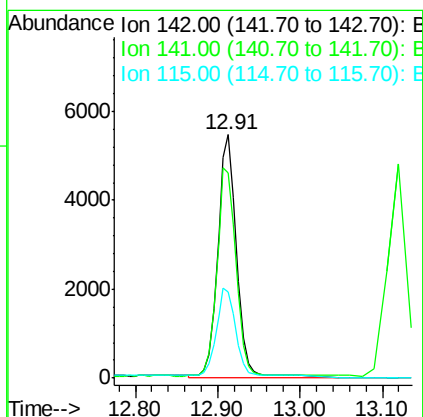
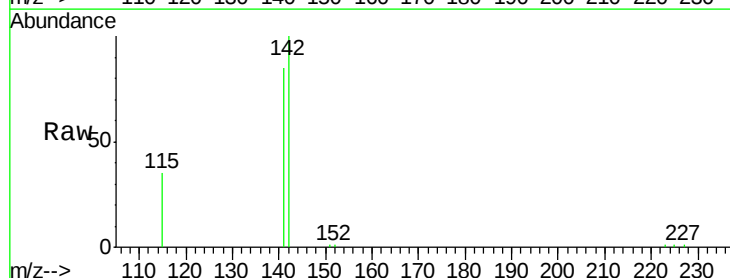
Instrument :
 BNA_E
 ClientSampleId :
 PB105289BS

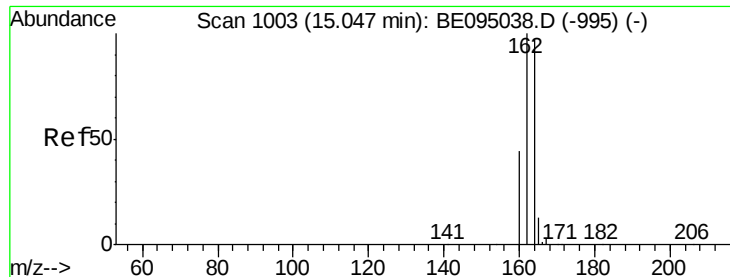
Tot Ion:152 Resp: 6933
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.274 ng
 RT: 12.91 min Scan# 853
 Delta R.T. -0.02 min
 Lab File: BE095041.D
 Acq: 22 Dec 2017 12:18

Tgt Ion:142 Resp: 11516
 Ion Ratio Lower Upper
 142 100
 141 84.5 70.4 105.6
 115 35.3 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.05 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB105289BS

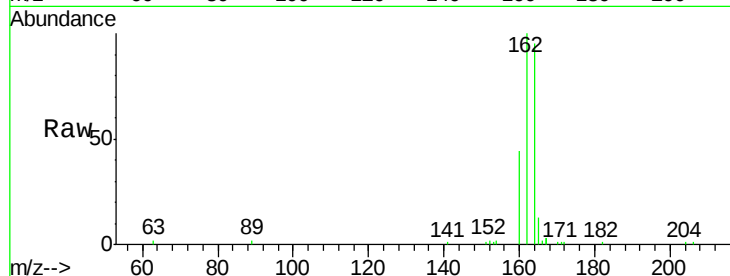
Tot Ion:164 Resp: 7100

Ion Ratio Lower Upper

164 100

162 105.7 83.1 124.7

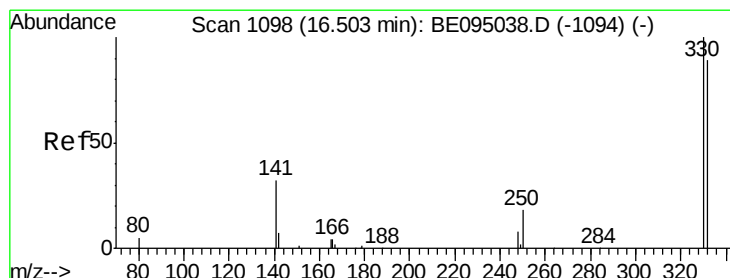
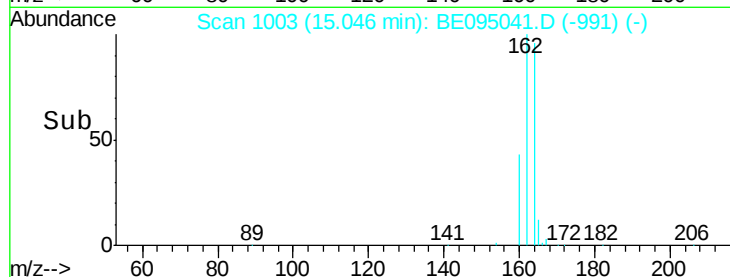
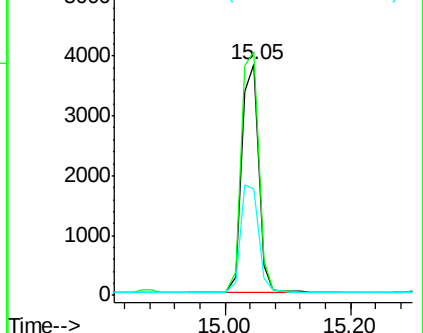
160 46.2 37.1 55.7



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: 0.273 ng

RT: 16.50 min Scan# 1098

Delta R.T. -0.03 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

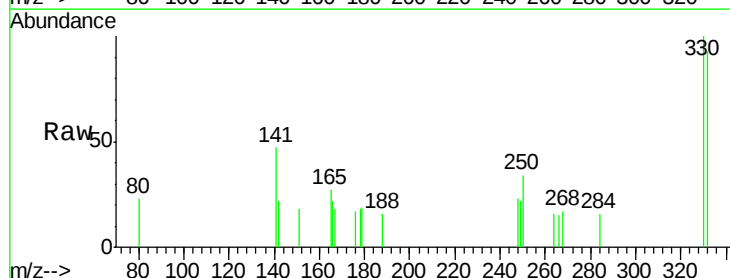
Tgt Ion:330 Resp: 450

Ion Ratio Lower Upper

330 100

332 102.2 152.7 229.1#

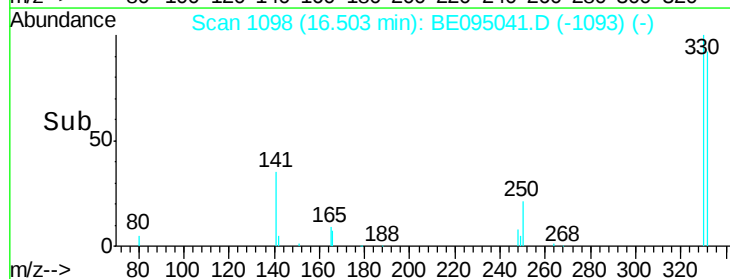
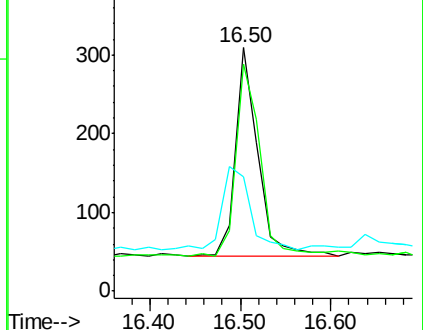
141 48.2 33.7 50.5

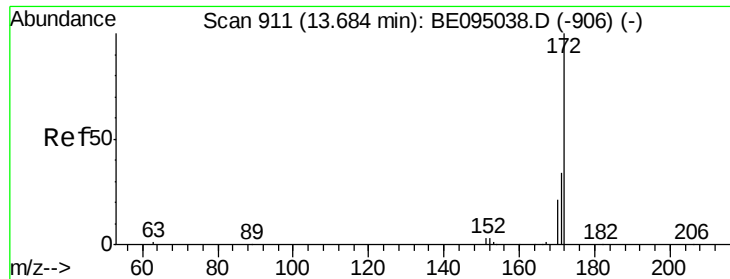


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

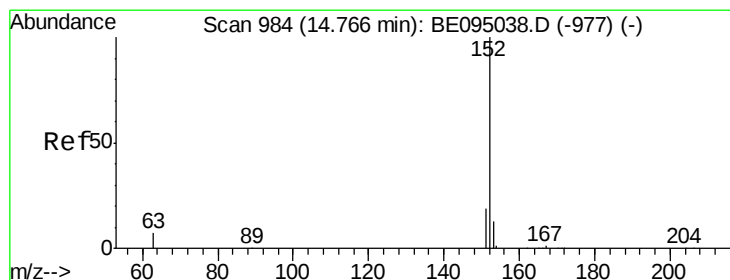
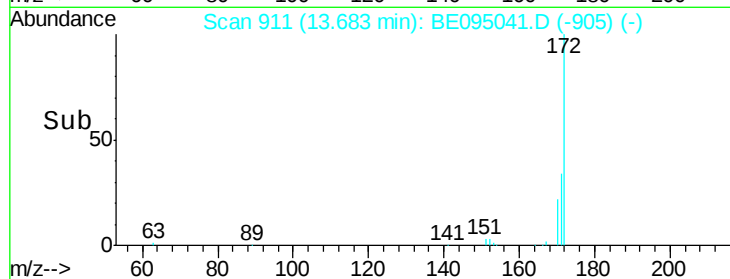
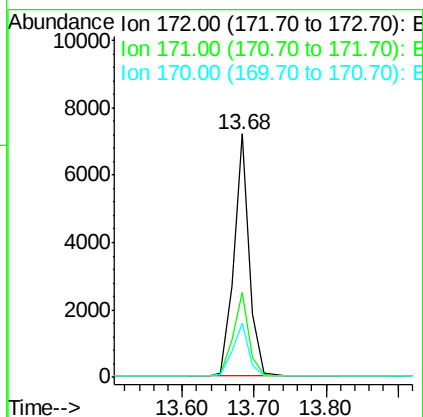
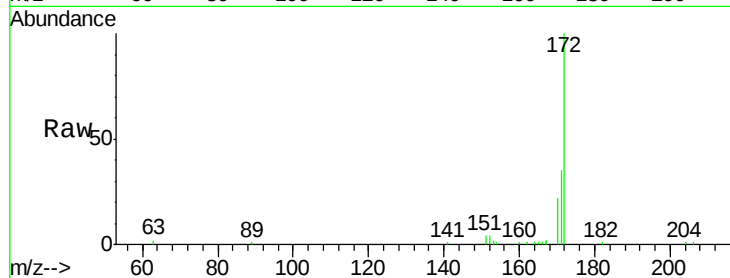




#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 13.68 min Scan# 911
Delta R.T. -0.01 min
Lab File: BE095041.D
Acq: 22 Dec 2017 12:18

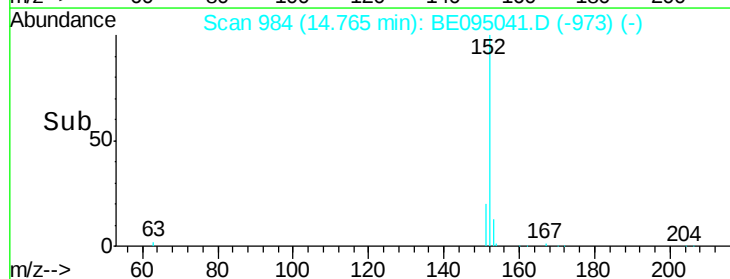
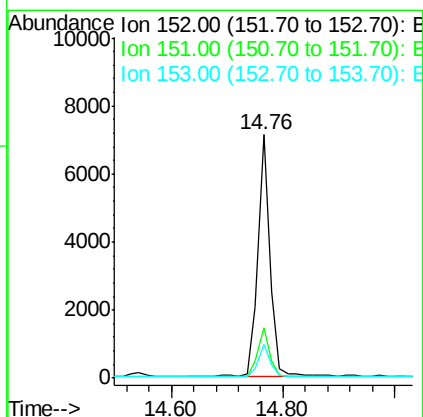
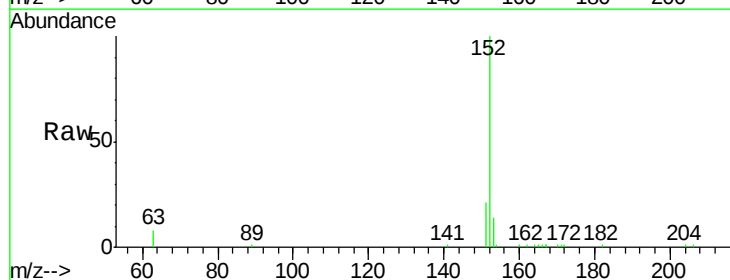
Instrument :
BNA_E
ClientSampleId :
PB105289BS

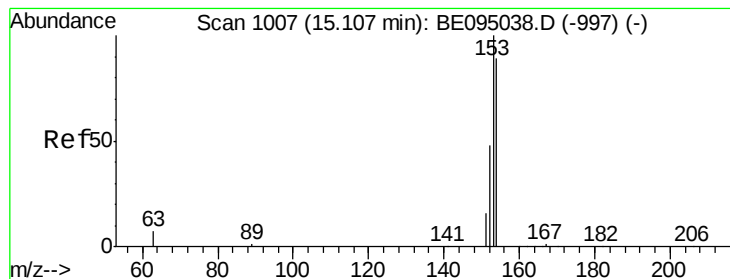
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.9	44.9
170	22.2	21.8	32.8



#16
Acenaphthylene
Concen: 0.288 ng
RT: 14.76 min Scan# 984
Delta R.T. -0.03 min
Lab File: BE095041.D
Acq: 22 Dec 2017 12:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.7	10.5	15.7





#17

Acenaphthene

Concen: 0.292 ng

RT: 15.11 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB105289BS

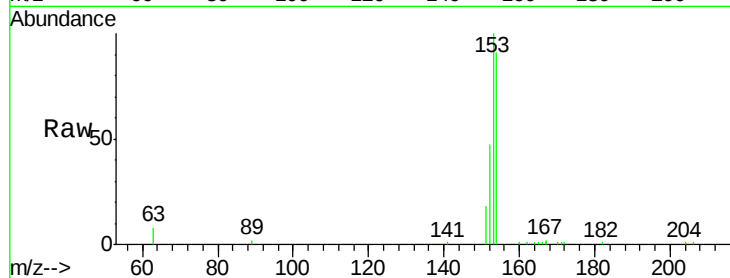
Tot Ion:154 Resp: 7340

Ion Ratio Lower Upper

154 100

153 114.0 89.2 133.8

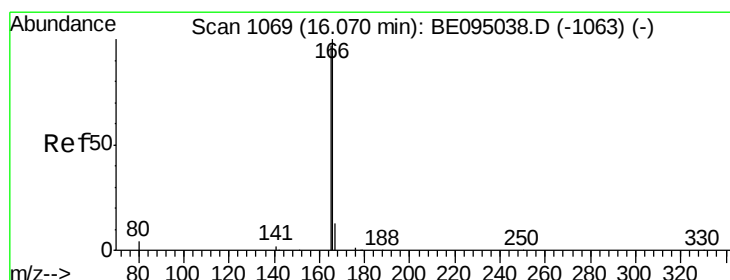
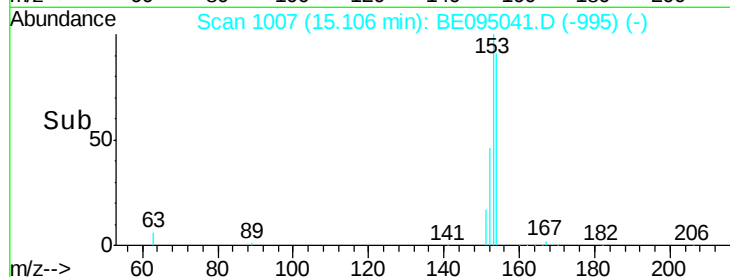
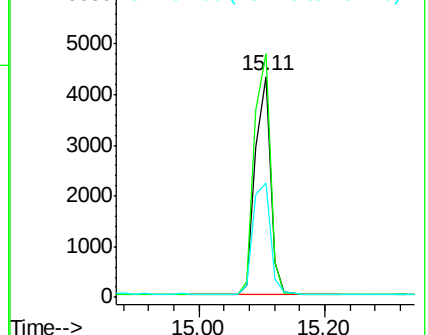
152 57.9 42.0 63.0



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: 0.294 ng

RT: 16.07 min Scan# 1069

Delta R.T. -0.03 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

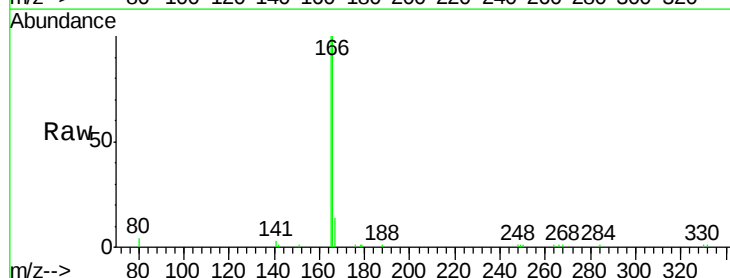
Tgt Ion:166 Resp: 9206

Ion Ratio Lower Upper

166 100

165 100.8 77.8 116.6

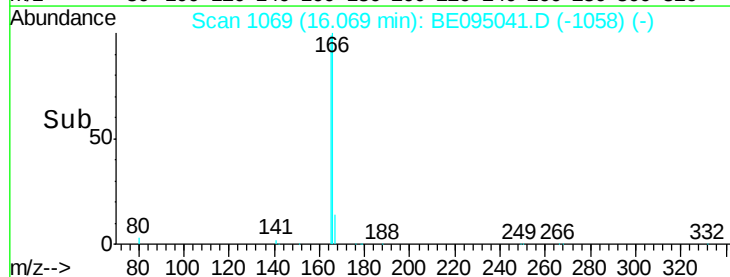
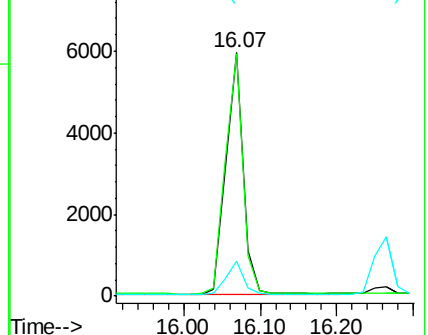
167 13.4 42.4 63.6#

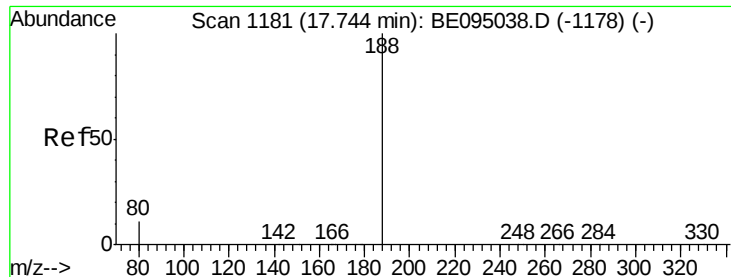


Abundance Ion 166.00 (165.70 to 166.70): E

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. -0.03 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB105289BS

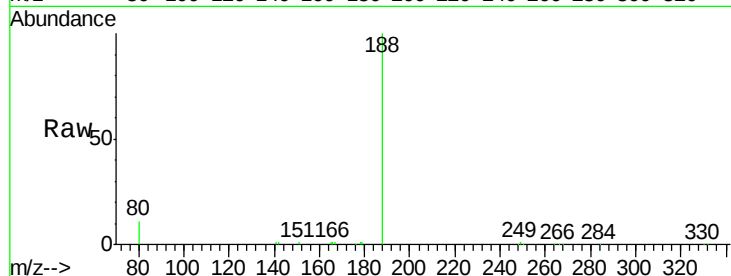
Tot Ion:188 Resp: 16552

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

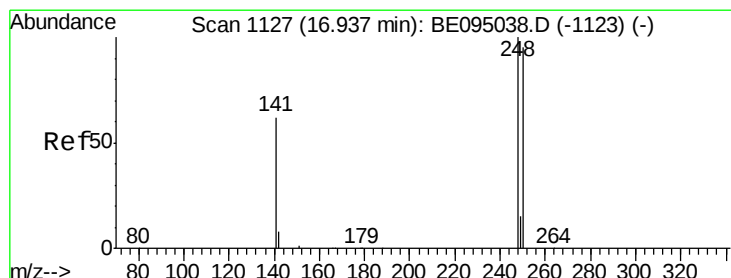
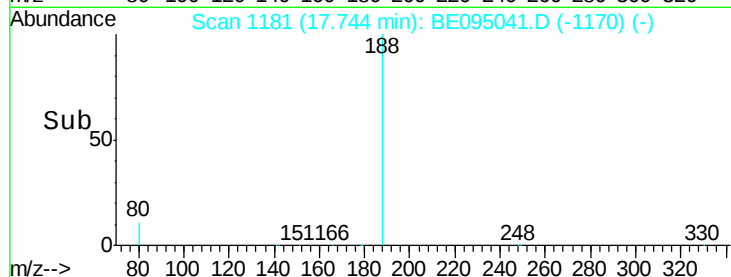
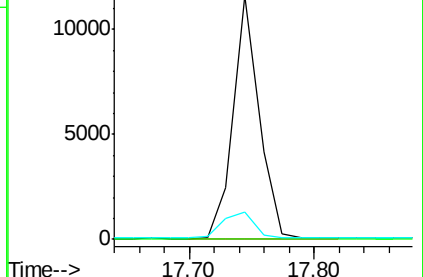
80 11.4 3.6 5.4#



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: 0.309 ng

RT: 16.94 min Scan# 1127

Delta R.T. -0.03 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

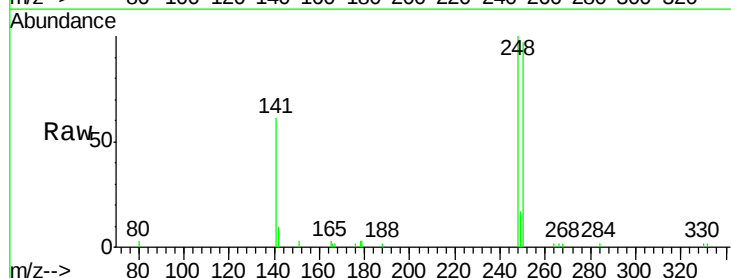
Tgt Ion:248 Resp: 2991

Ion Ratio Lower Upper

248 100

250 96.6 62.7 94.1#

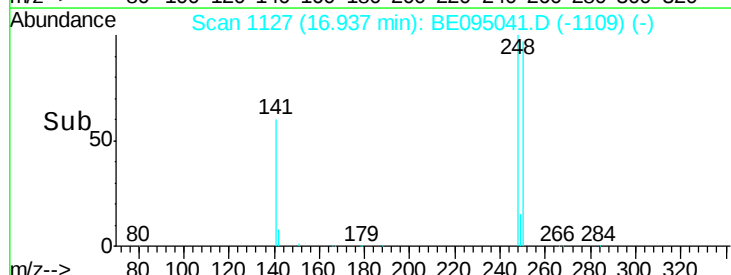
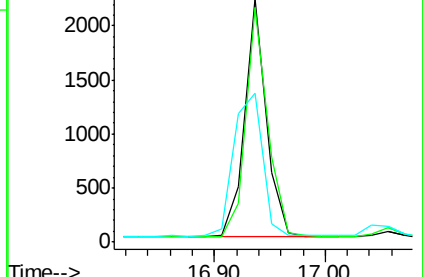
141 61.0 48.2 72.2

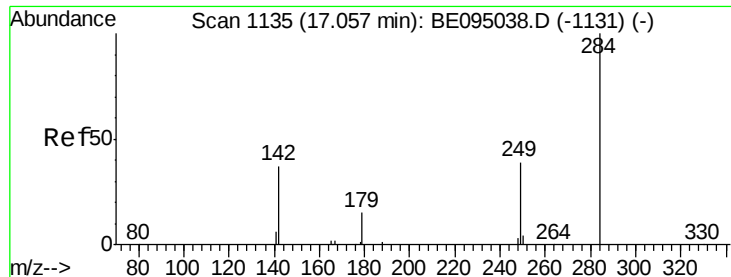


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.295 ng

RT: 17.06 min Scan# 1135

Delta R.T. -0.03 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB105289BS

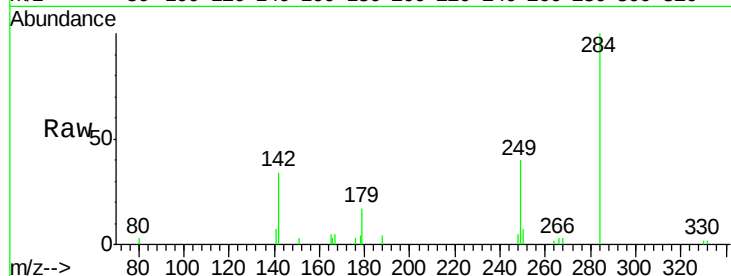
Tot Ion:284 Resp: 2923

Ion Ratio Lower Upper

284 100

142 40.8 22.1 33.1#

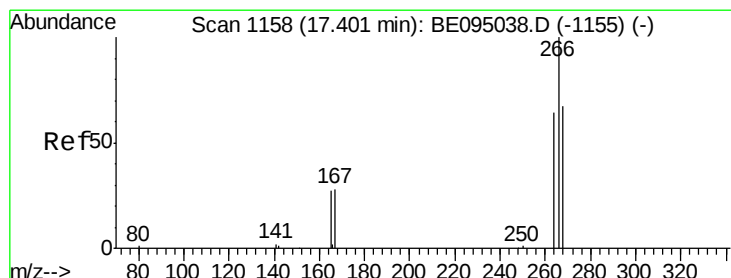
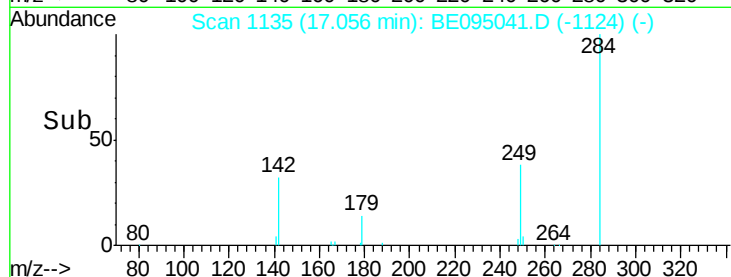
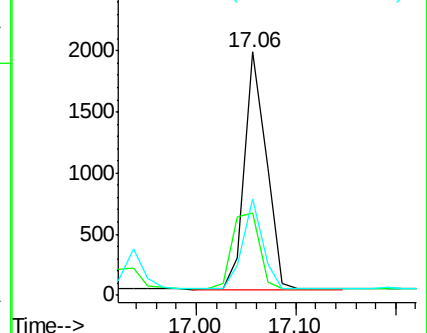
249 34.5 34.8 52.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.505 ng

RT: 17.40 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

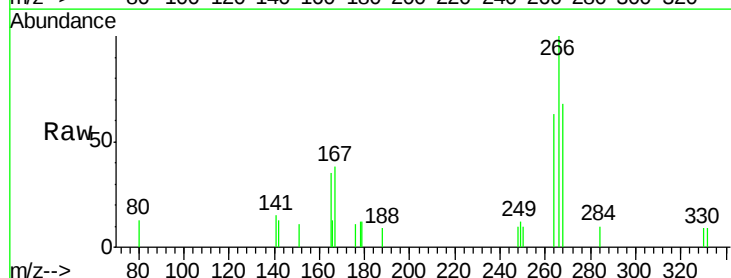
Tgt Ion:266 Resp: 1043

Ion Ratio Lower Upper

266 100

264 62.8 72.5 108.7#

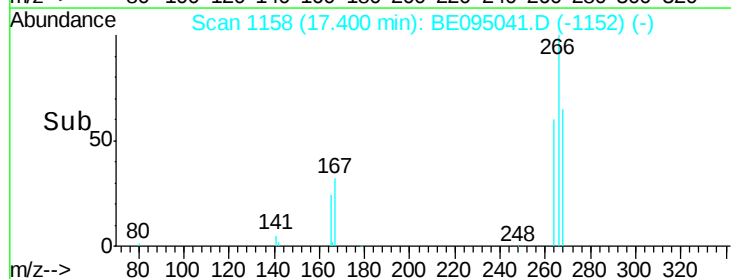
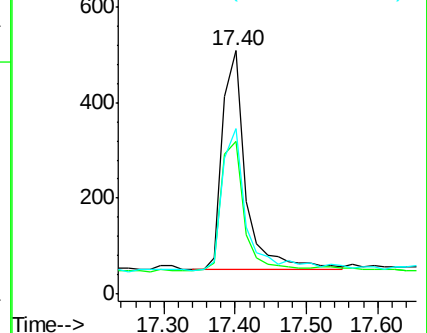
268 67.9 73.8 110.6#

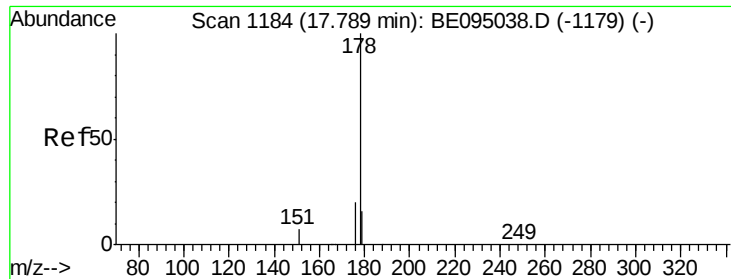


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.308 ng

RT: 17.79 min Scan# 1184

Delta R.T. -0.03 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB105289BS

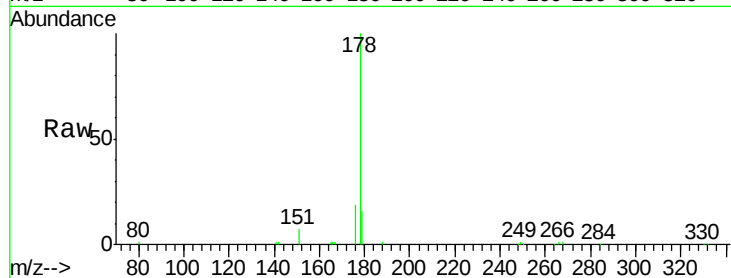
Tot Ion:178 Resp: 15893

Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

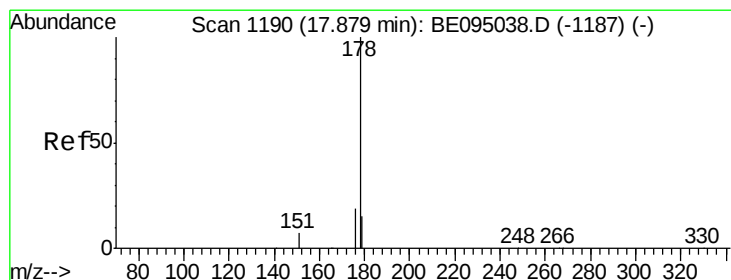
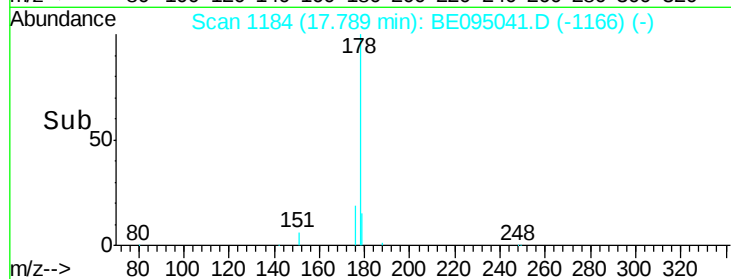
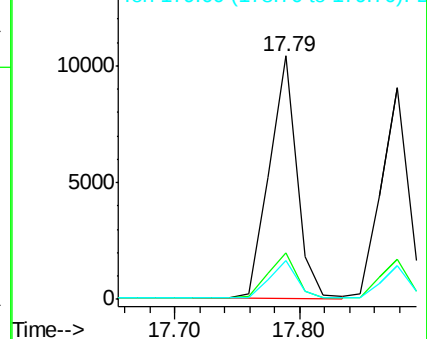
179 15.7 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.299 ng

RT: 17.88 min Scan# 1190

Delta R.T. -0.03 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

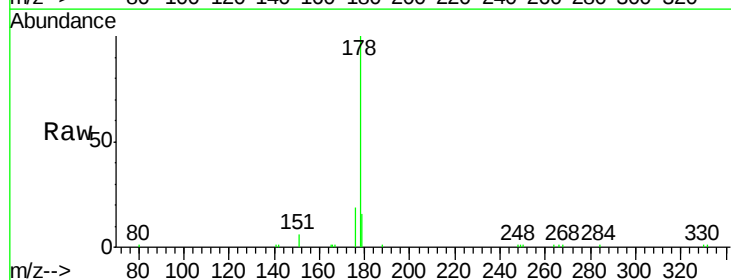
Tgt Ion:178 Resp: 15817

Ion Ratio Lower Upper

178 100

176 22.3 12.8 19.2#

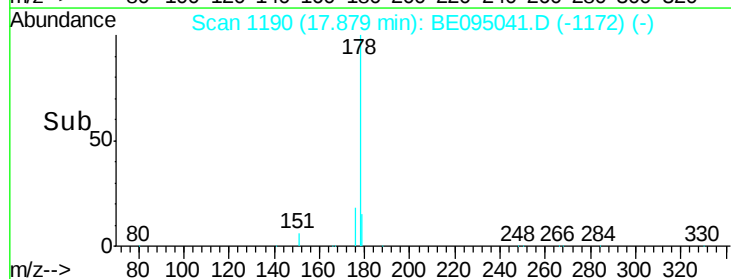
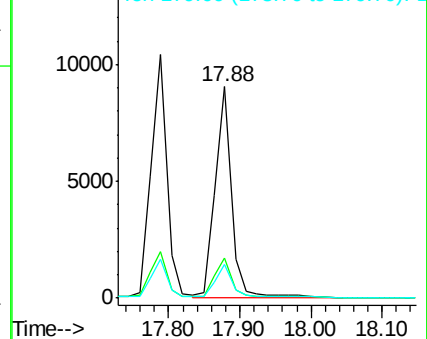
179 19.3 13.0 19.6

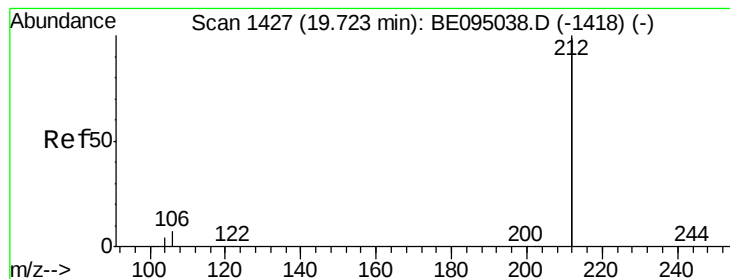


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.299 ng

RT: 19.72 min Scan# 1427

Delta R.T. -0.03 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB105289BS

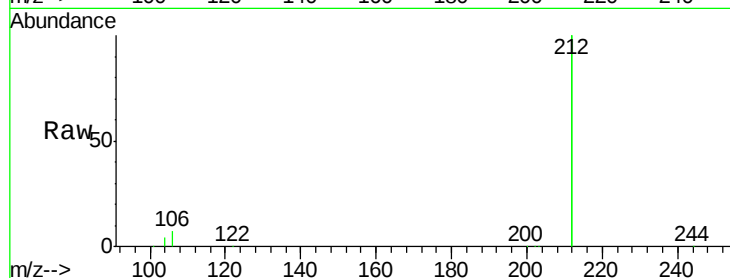
Tot Ion:212 Resp: 64260

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

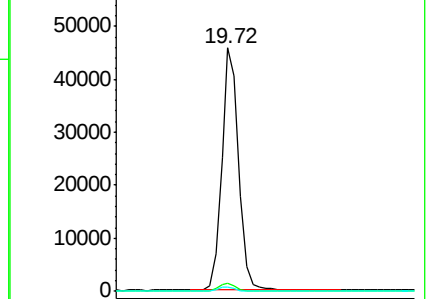
104 1.8 1.6 2.4



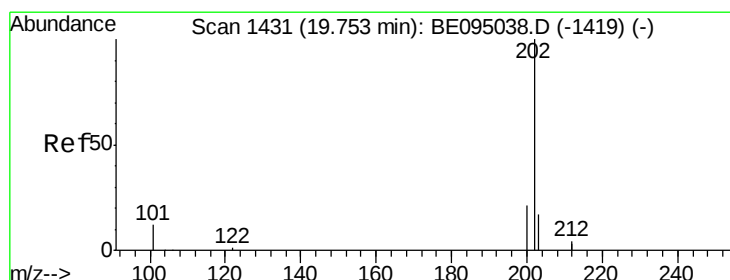
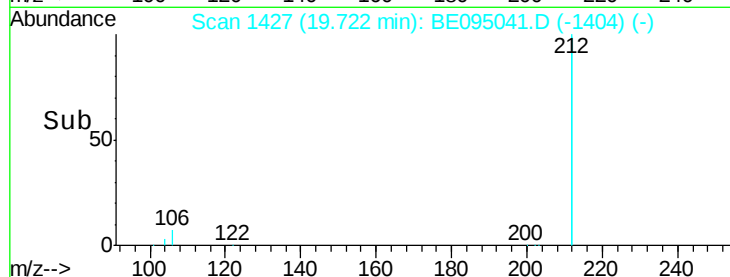
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 19.60 19.70 19.80 19.90



#26

Fluoranthene

Concen: 0.297 ng

RT: 19.75 min Scan# 1431

Delta R.T. -0.03 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

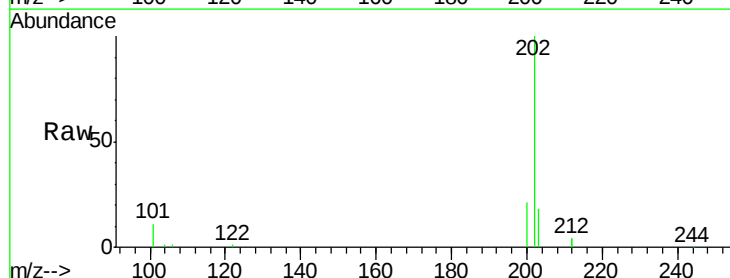
Tgt Ion:202 Resp: 18899

Ion Ratio Lower Upper

202 100

101 11.4 9.8 14.8

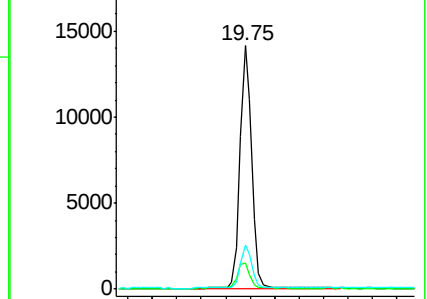
203 17.6 13.7 20.5



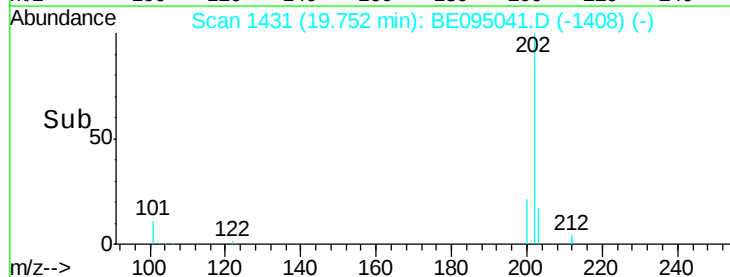
Abundance Ion 202.00 (201.70 to 202.70): E

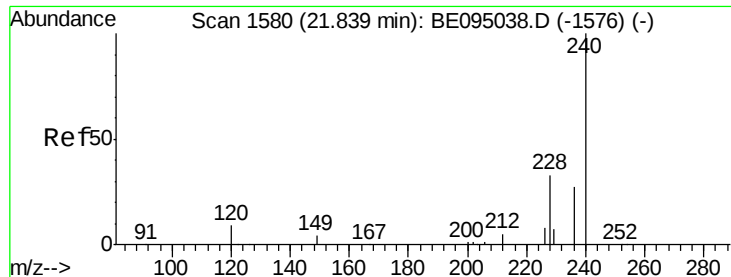
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.60 19.80





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.03 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB105289BS

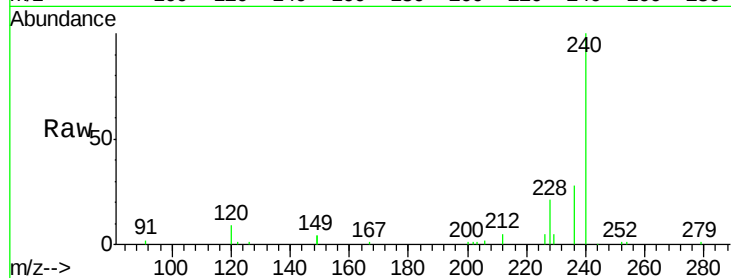
Tot Ion:240 Resp: 17226

Ion Ratio Lower Upper

240 100

120 9.1 5.5 8.3#

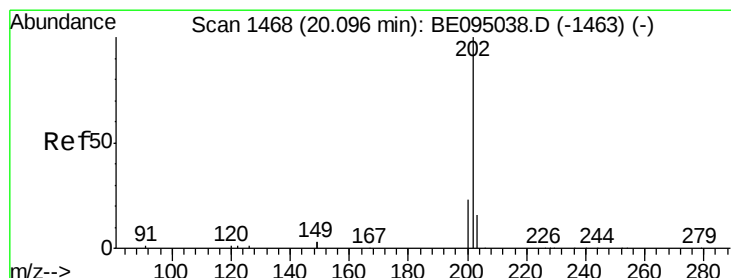
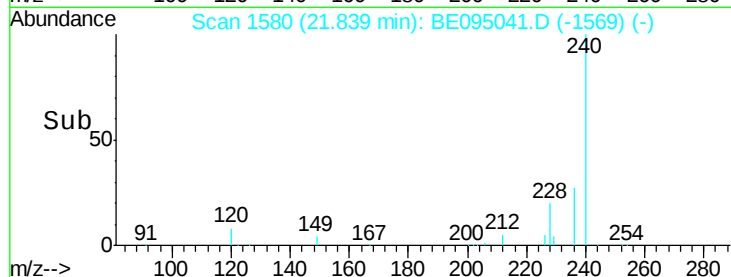
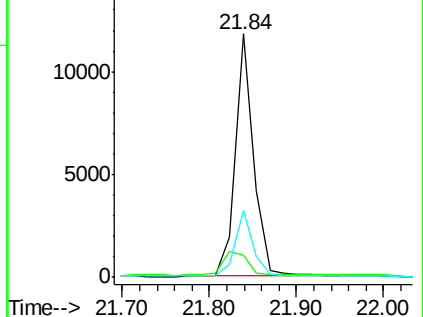
236 27.7 20.7 31.1



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: 0.354 ng

RT: 20.10 min Scan# 1468

Delta R.T. -0.03 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

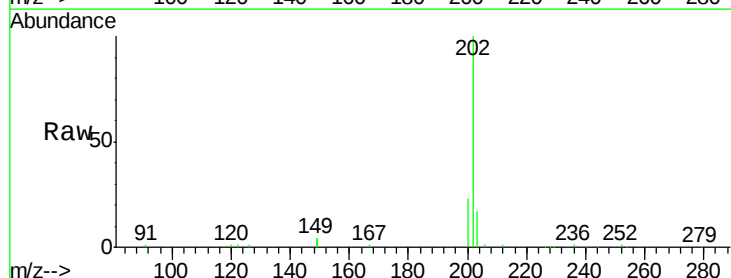
Tgt Ion:202 Resp: 20671

Ion Ratio Lower Upper

202 100

200 23.4 16.6 25.0

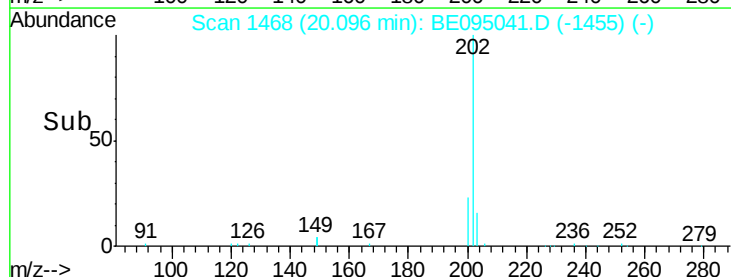
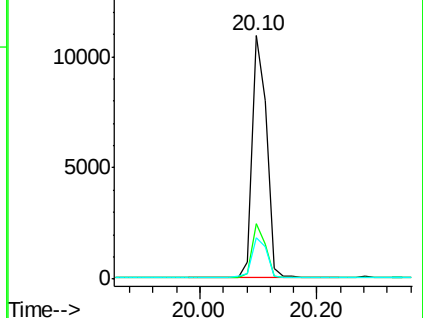
203 19.5 13.8 20.8

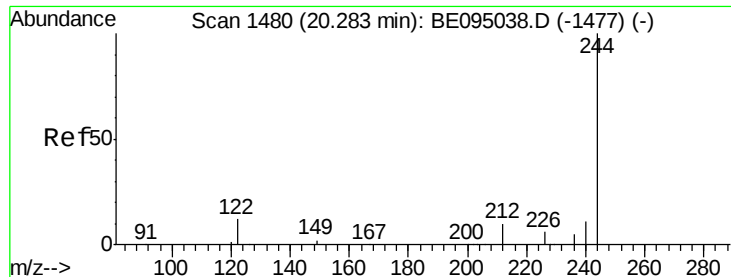


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.387 ng

RT: 20.28 min Scan# 1480

Delta R.T. -0.03 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB105289BS

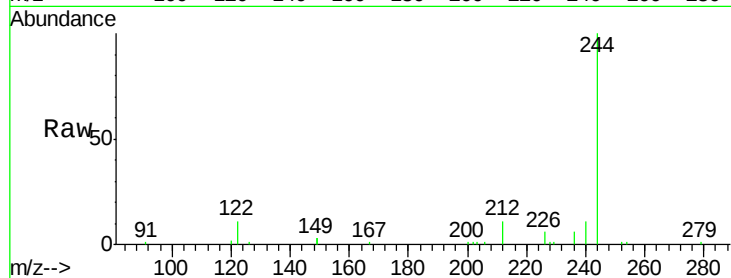
Tot Ion:244 Resp: 12544

Ion Ratio Lower Upper

244 100

212 10.6 25.4 38.0#

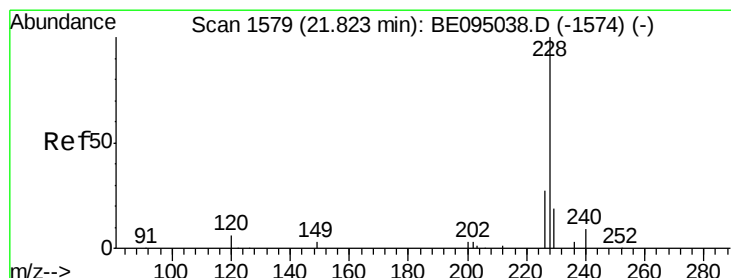
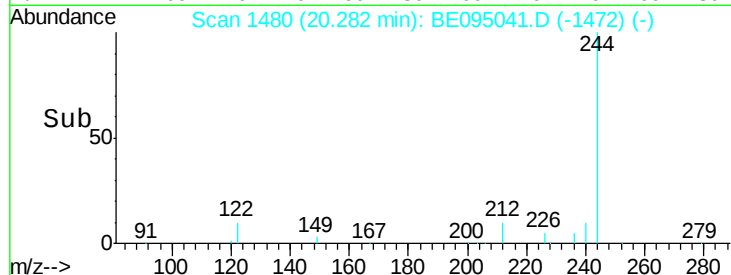
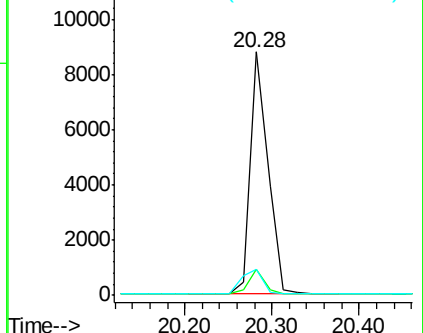
122 10.9 8.1 12.1



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: 0.336 ng

RT: 21.82 min Scan# 1579

Delta R.T. -0.03 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

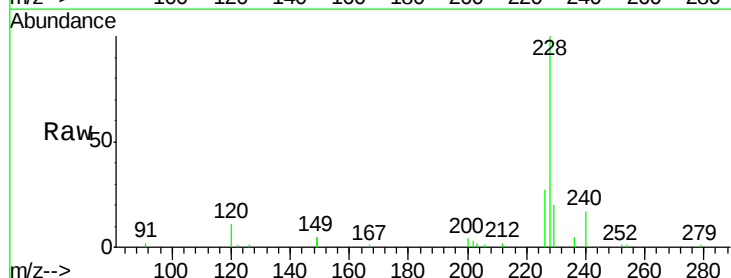
Tgt Ion:228 Resp: 16906

Ion Ratio Lower Upper

228 100

226 27.4 40.0 60.0#

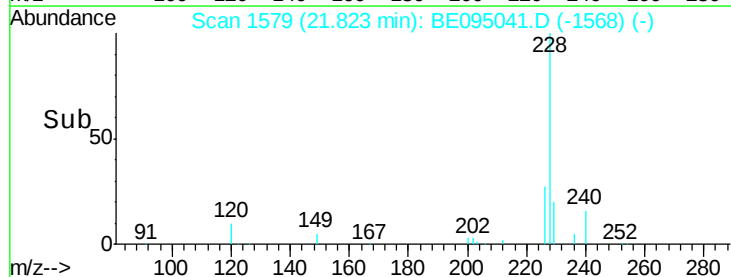
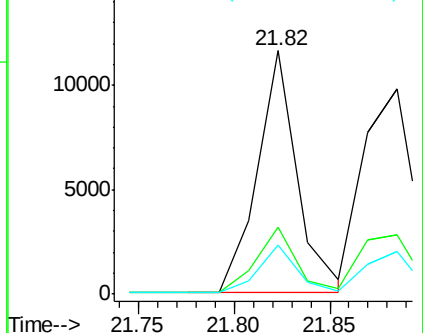
229 20.2 40.0 60.0#

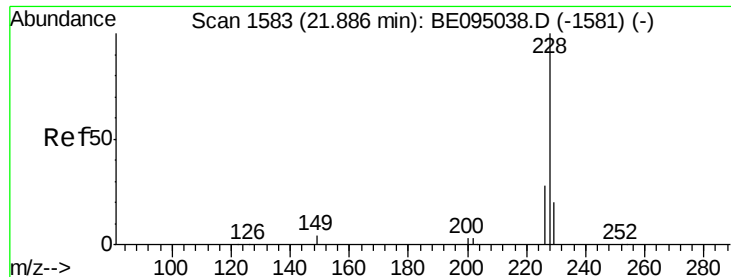


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.343 ng

RT: 21.89 min Scan# 1583

Delta R.T. -0.03 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB105289BS

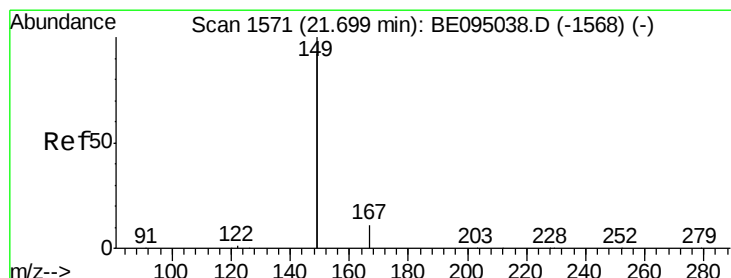
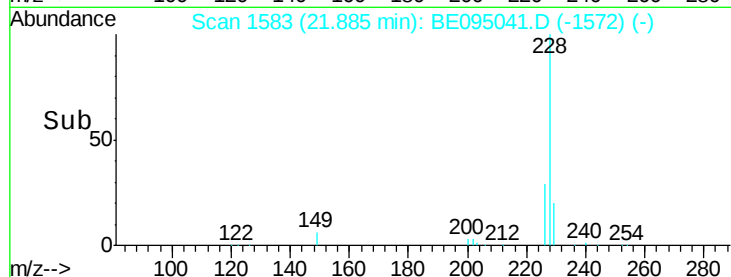
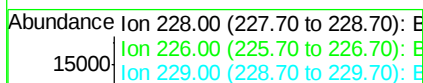
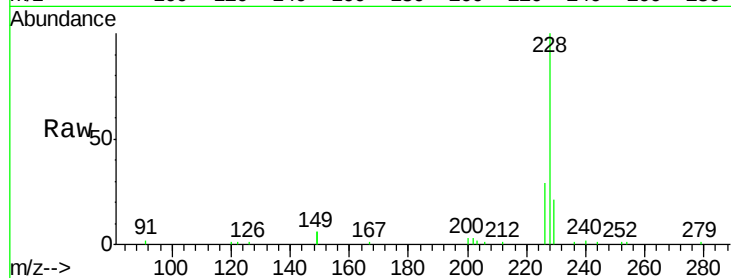
Tot Ion:228 Resp: 19427

Ion Ratio Lower Upper

228 100

226 29.1 40.0 60.0#

229 20.8 40.0 60.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.290 ng

RT: 21.70 min Scan# 1571

Delta R.T. -0.05 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

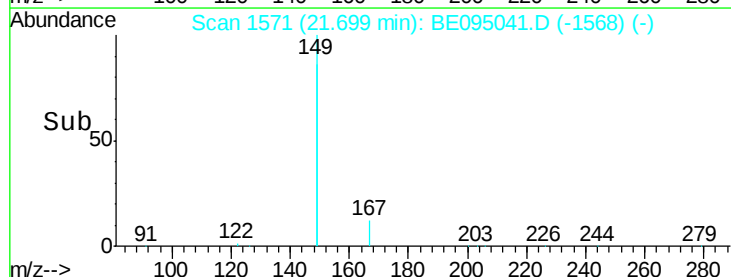
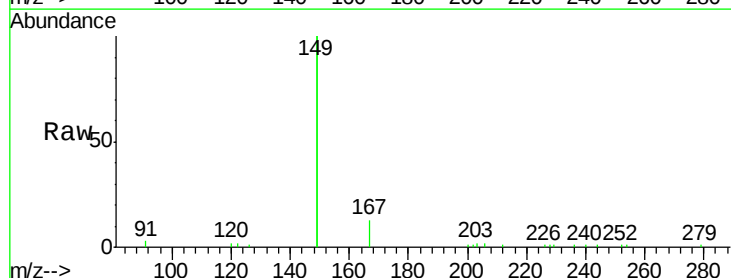
Tgt Ion:149 Resp: 18593

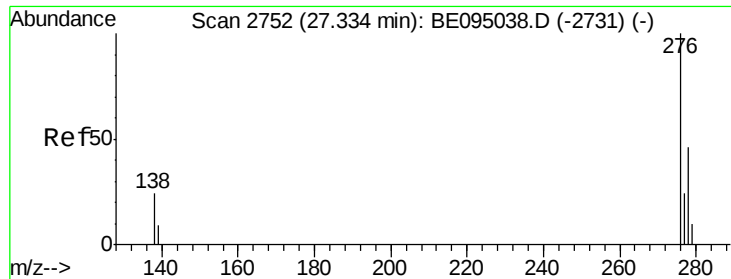
Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

279 0.9 0.7 1.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.357 ng

RT: 27.33 min Scan# 2752

Delta R.T. -0.08 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB105289BS

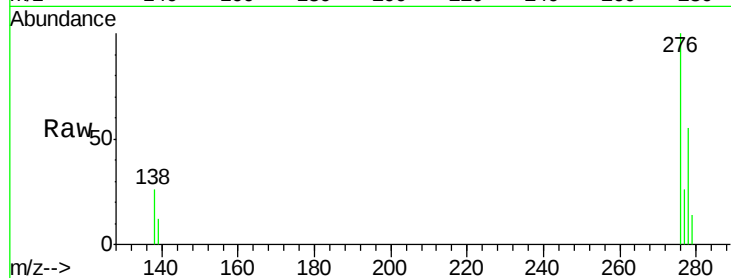
Tot Ion:276 Resp: 16454

Ion Ratio Lower Upper

276 100

138 25.5 22.5 33.7

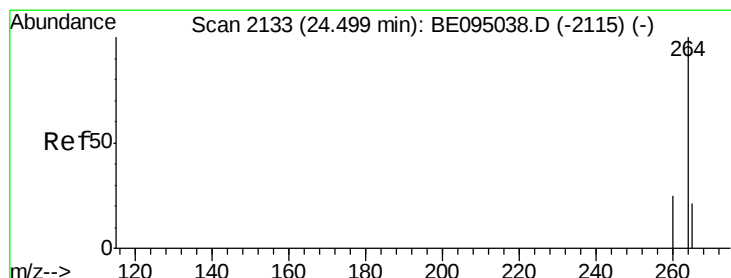
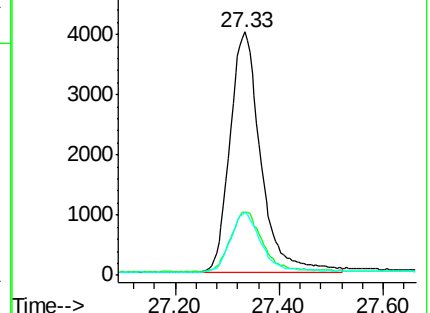
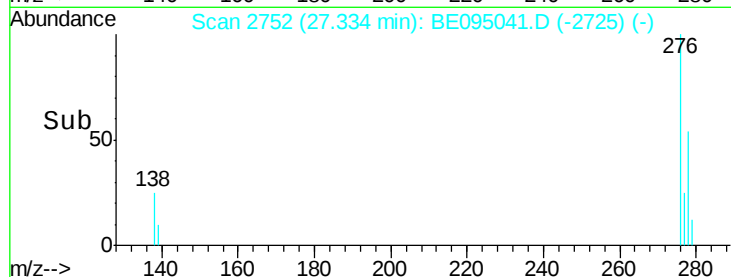
277 24.2 19.9 29.9



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: 24.49 min Scan# 2132

Delta R.T. -0.05 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

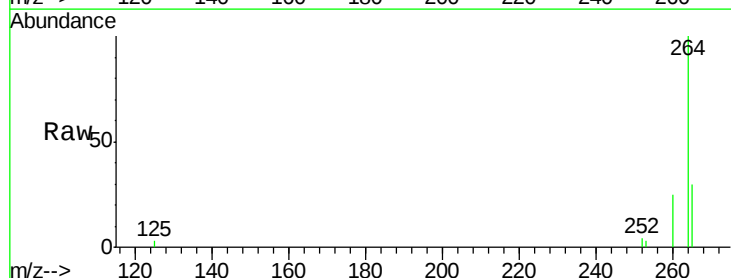
Tgt Ion:264 Resp: 14899

Ion Ratio Lower Upper

264 100

260 25.5 20.5 30.7

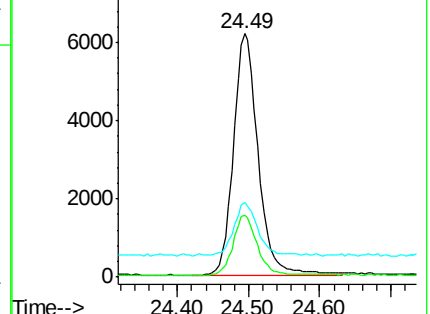
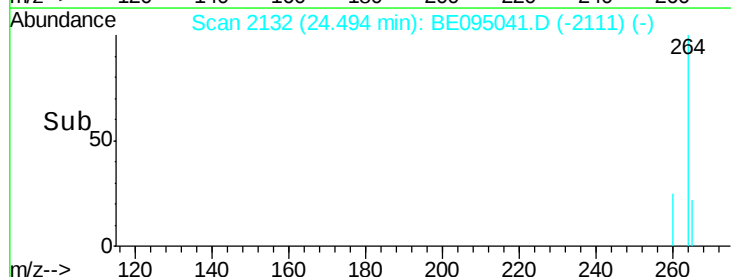
265 30.4 22.8 34.2

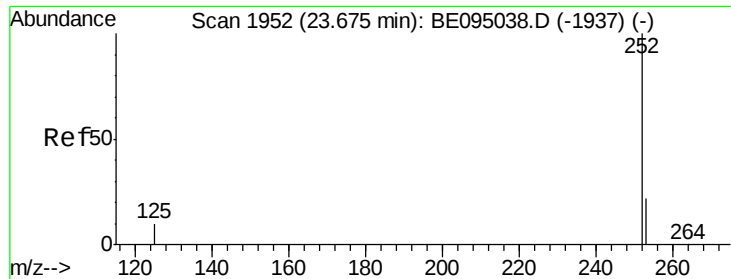


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.300 ng

RT: 23.67 min Scan# 1951

Delta R.T. -0.05 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB105289BS

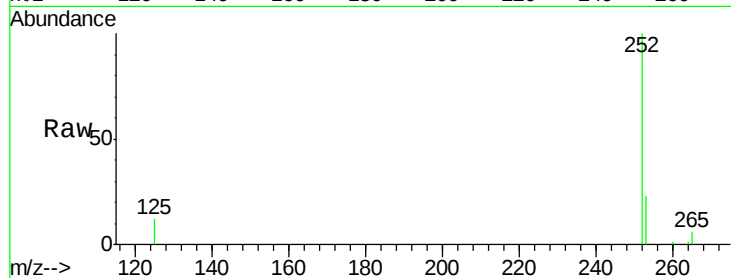
Tot Ion:252 Resp: 16427

Ion Ratio Lower Upper

252 100

253 22.8 20.0 30.0

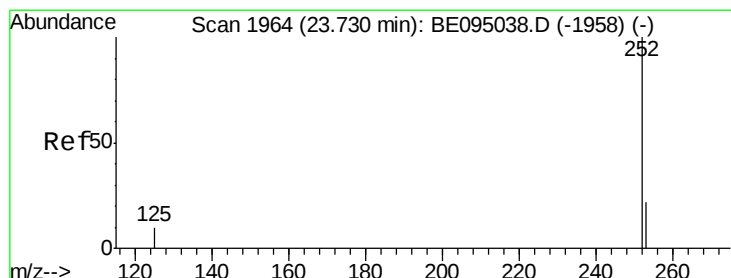
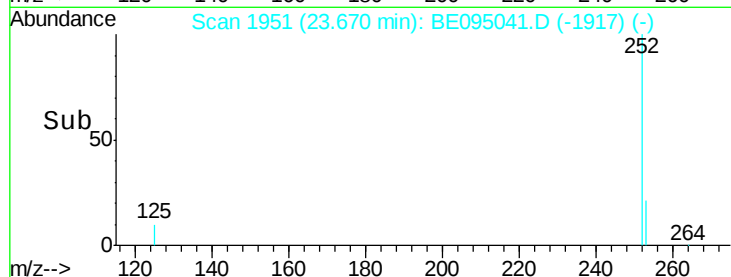
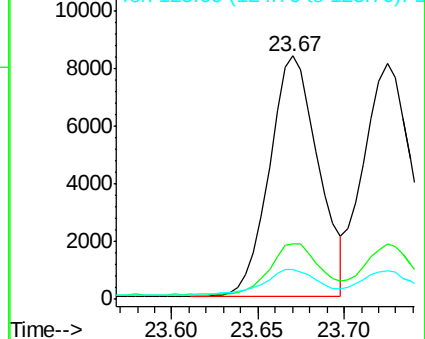
125 12.1 16.0 24.0#



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: 0.295 ng

RT: 23.72 min Scan# 1963

Delta R.T. -0.05 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

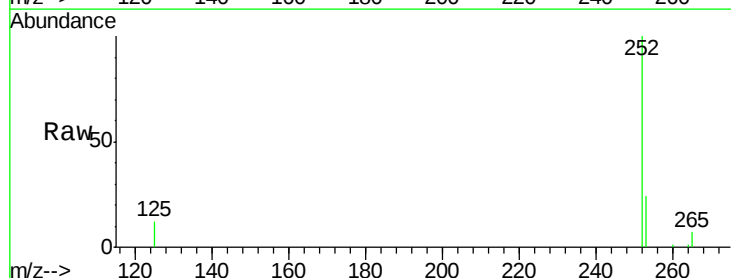
Tgt Ion:252 Resp: 16356

Ion Ratio Lower Upper

252 100

253 23.5 16.0 24.0

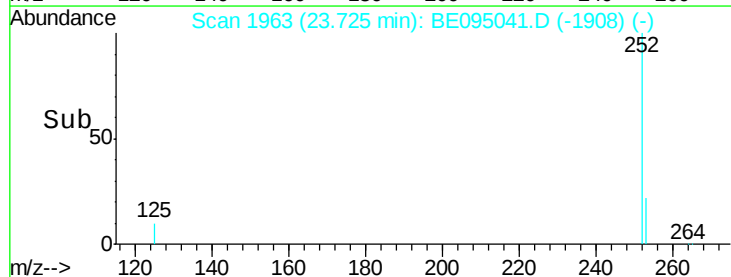
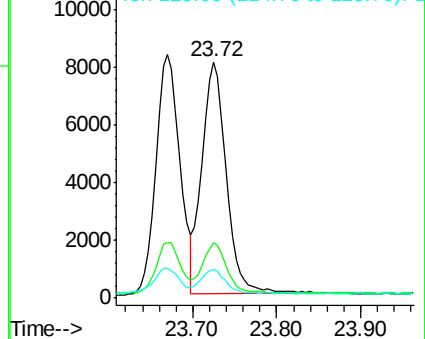
125 12.1 8.0 12.0#

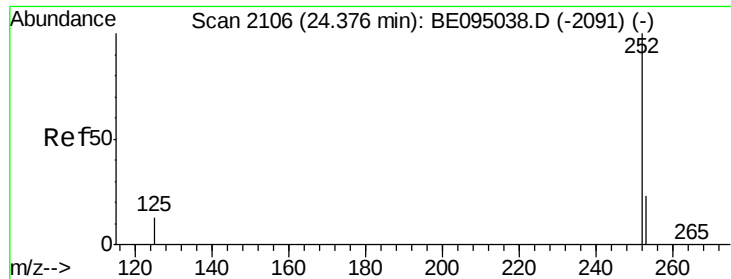


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

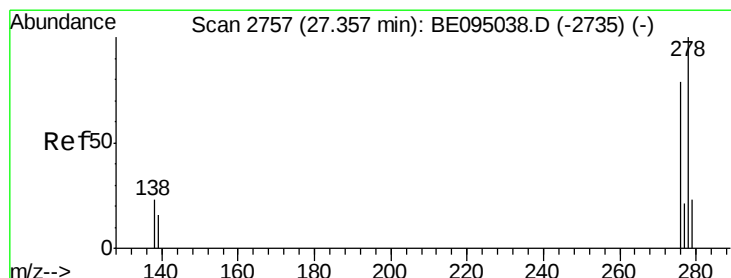
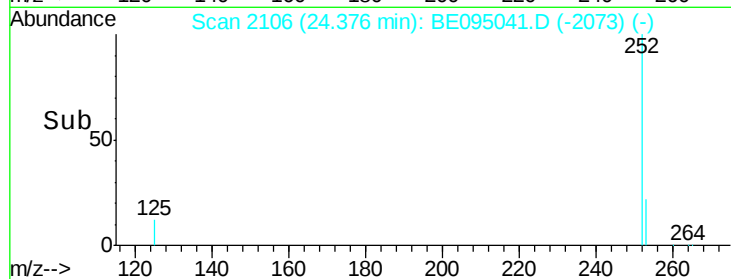
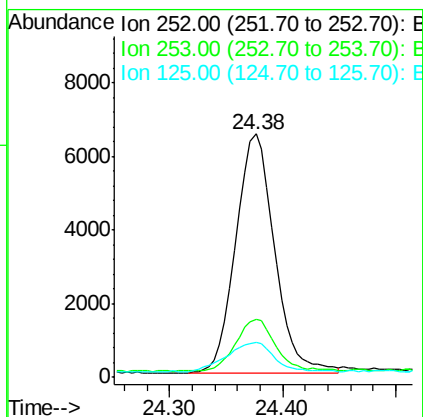
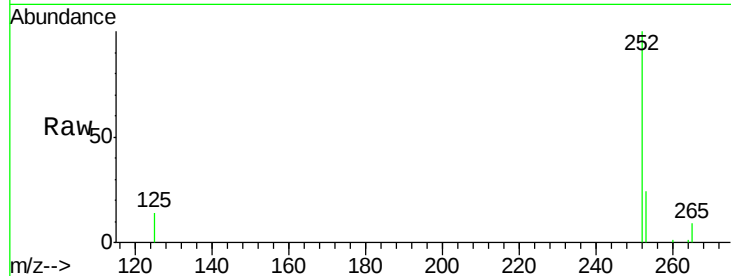




#37
Benzo(a)pyrene
Concen: 0.313 ng
RT: 24.38 min Scan# 2106
Delta R.T. -0.05 min
Lab File: BE095041.D
Acq: 22 Dec 2017 12:18

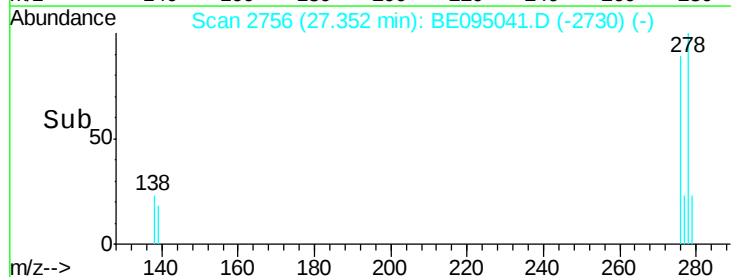
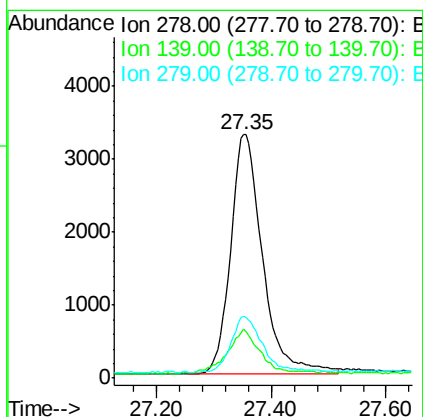
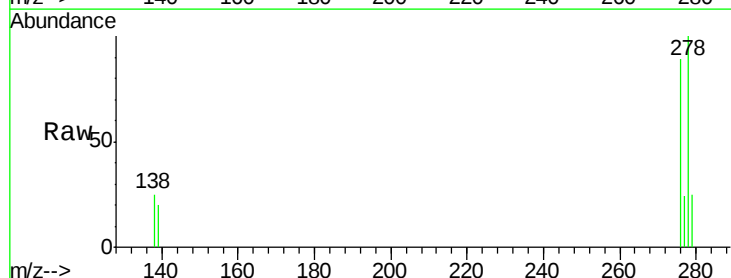
Instrument :
BNA_E
ClientSampleId :
PB105289BS

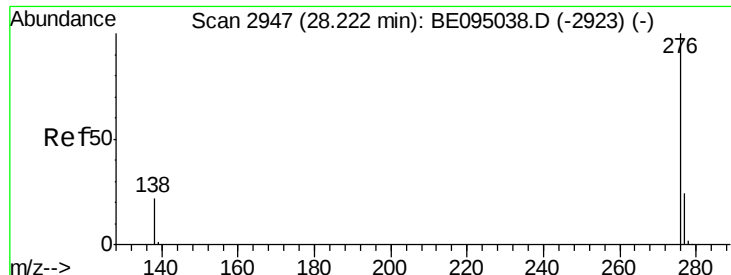
Tot Ion:252 Resp: 15198
Ion Ratio Lower Upper
252 100
253 24.0 16.0 24.0
125 14.2 12.0 18.0



#38
Dibenzo(a,h)anthracene
Concen: 0.284 ng
RT: 27.35 min Scan# 2756
Delta R.T. -0.08 min
Lab File: BE095041.D
Acq: 22 Dec 2017 12:18

Tgt Ion:278 Resp: 12772
Ion Ratio Lower Upper
278 100
139 19.9 16.0 24.0
279 25.3 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 0.314 ng

RT: 28.21 min Scan# 2945

Delta R.T. -0.08 min

Lab File: BE095041.D

Acq: 22 Dec 2017 12:18

Instrument :

BNA_E

ClientSampleId :

PB105289BS

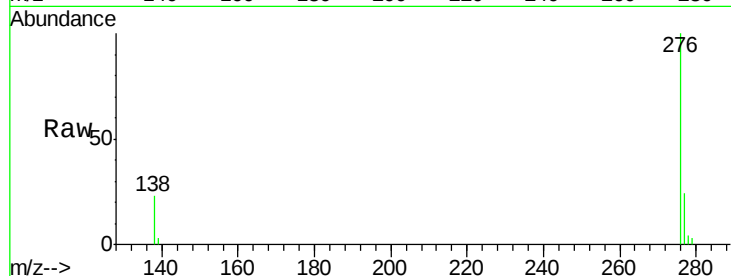
Tot Ion:276 Resp: 14060

Ion Ratio Lower Upper

276 100

277 23.8 16.0 24.0

138 22.9 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

