

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041118\
 Data File : BE095975.D
 Acq On : 11 Apr 2018 17:46
 Operator : SJ/JU
 Sample : PB108058BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 12 04:15:41 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 11 17:26:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1432	0.40	ng	0.00
7) Naphthalene-d8	11.22	136	5031	0.40	ng	0.00
13) Acenaphthene-d10	14.97	164	2496	0.40	ng	0.00
19) Phenanthrene-d10	17.67	188	5459	0.40	ng	-0.01
27) Chrysene-d12	21.78	240	6331	0.40	ng	0.00
34) Perylene-d12	24.39	264	6419	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.89	112	1266	0.29	ng	0.00
5) Phenol-d6	7.53	99	1687	0.28	ng	0.00
8) Nitrobenzene-d5	9.48	82	159	0.03	ng	-0.09
11) 2-Methylnaphthalene-d10	12.76	152	2305	0.29	ng	0.00
14) 2,4,6-Tribromophenol	16.44	330	279	0.23	ng	0.00
15) 2-Fluorobiphenyl	13.61	172	3273	0.31	ng	0.00
25) Fluoranthene-d10	19.66	212	20995	0.28	ng	0.00
29) Terphenyl-d14	20.22	244	3707	0.27	ng	0.00

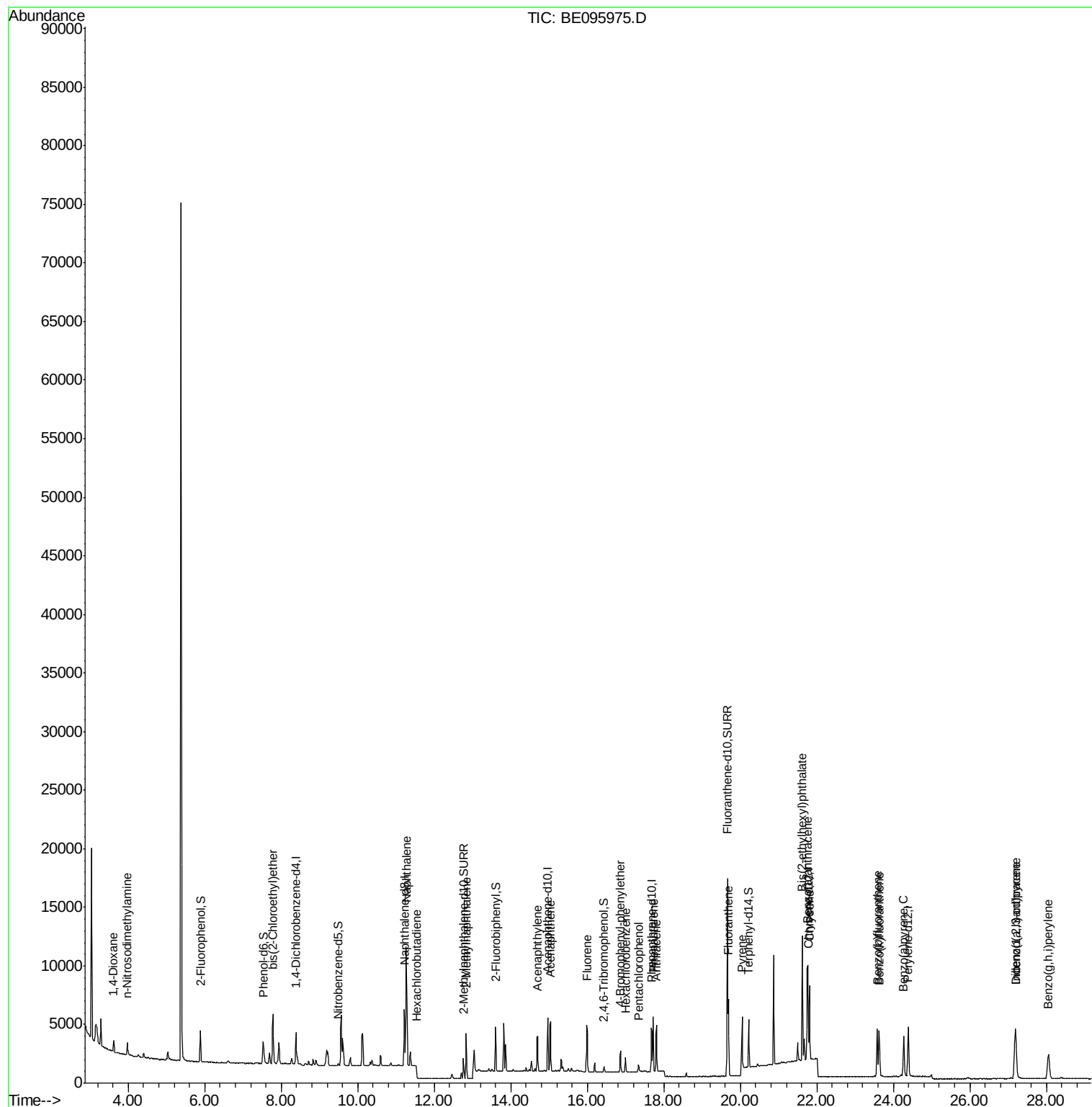
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.63	88	578	0.261	ng	# 89
3) n-Nitrosodimethylamine	3.97	42	797	0.294	ng	# 82
6) bis(2-Chloroethyl)ether	7.78	93	1428	0.266	ng	95
9) Naphthalene	11.27	128	16082	0.303	ng	100
10) Hexachlorobutadiene	11.53	225	562	0.239	ng	95
12) 2-Methylnaphthalene	12.84	142	2636	0.300	ng	97
16) Acenaphthylene	14.70	152	3742	0.281	ng	98
17) Acenaphthene	15.04	154	2308	0.288	ng	96
18) Fluorene	15.99	166	2839	0.286	ng	# 78
20) 4-Bromophenyl-phenylether	16.87	248	901	0.278	ng	# 83
21) Hexachlorobenzene	17.00	284	902	0.279	ng	# 83
22) Pentachlorophenol	17.33	266	373	0.386	ng	# 75
23) Phenanthrene	17.72	178	4622	0.301	ng	99
24) Anthracene	17.81	178	4444	0.303	ng	# 95
26) Fluoranthene	19.69	202	5872	0.291	ng	97
28) Pyrene	20.05	202	3096	0.248	ng	98
30) Benzo(a)anthracene	21.75	228	6019	0.296	ng	97
31) Chrysene	21.81	228	5754	0.293	ng	99
32) Bis(2-ethylhexyl)phthalate	21.62	149	13429	0.256	ng	99
33) Indeno(1,2,3-cd)pyrene	27.18	276	6288	0.331	ng	94
35) Benzo(b)fluoranthene	23.58	252	5768	0.300	ng	# 92
36) Benzo(k)fluoranthene	23.63	252	5826	0.294	ng	# 92
37) Benzo(a)pyrene	24.27	252	5584	0.302	ng	# 94
38) Dibenzo(a,h)anthracene	27.20	278	4986	0.306	ng	96
39) Benzo(g,h,i)perylene	28.05	276	5443	0.315	ng	# 91

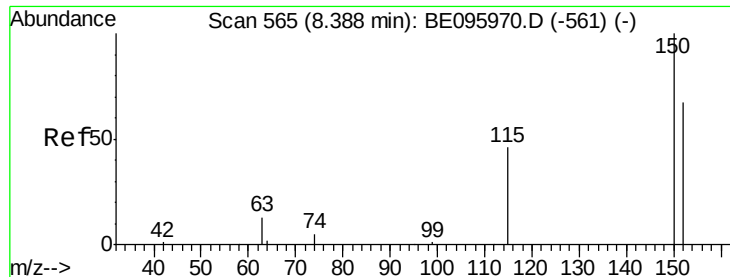
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041118\
Data File : BE095975.D
Acq On : 11 Apr 2018 17:46
Operator : SJ/JU
Sample : PB108058BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Apr 12 04:15:41 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 11 17:26:43 2018
Response via : Initial Calibration



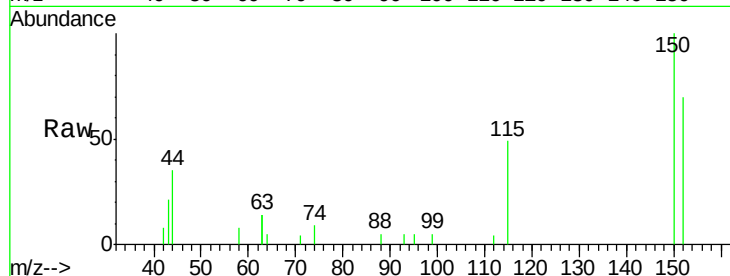


#1

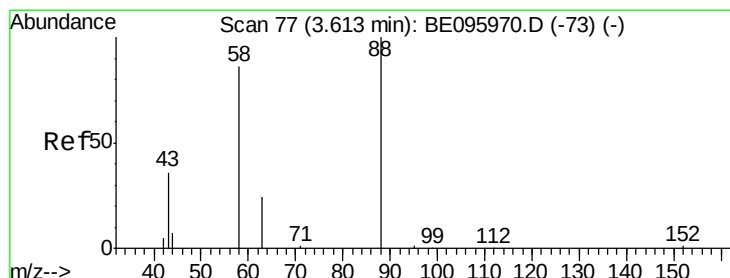
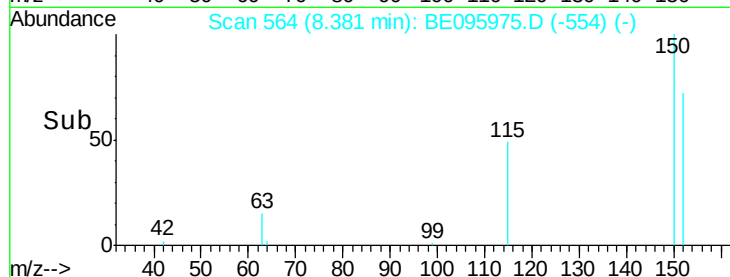
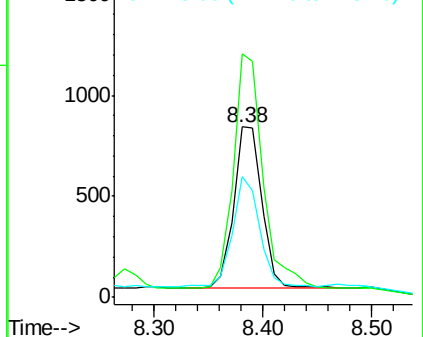
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.38 min Scan# 564
Delta R.T. -0.01 min
Lab File: BE095975.D
Acq: 11 Apr 2018 17:46

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1432
Ion Ratio Lower Upper
152 100
150 142.9 117.2 175.8
115 70.5 57.0 85.6



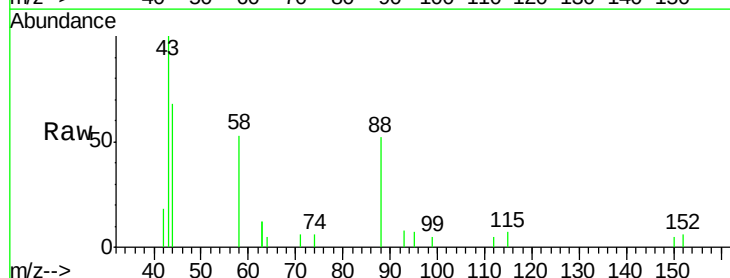
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



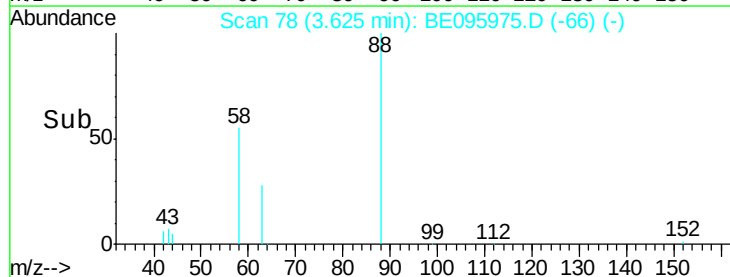
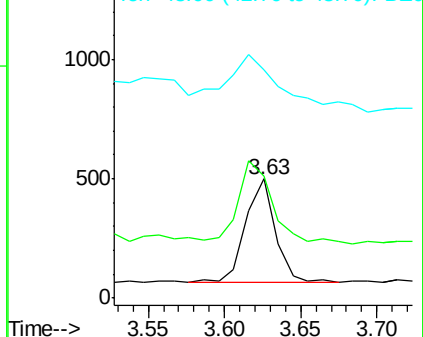
#2

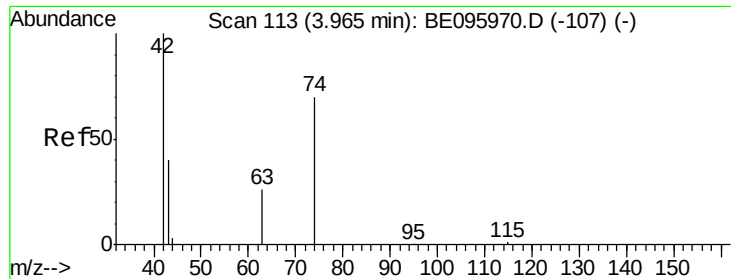
1,4-Dioxane
Concen: 0.261 ng
RT: 3.63 min Scan# 78
Delta R.T. 0.01 min
Lab File: BE095975.D
Acq: 11 Apr 2018 17:46

Tgt Ion: 88 Resp: 578
Ion Ratio Lower Upper
88 100
58 85.5 63.2 94.8
43 62.8 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



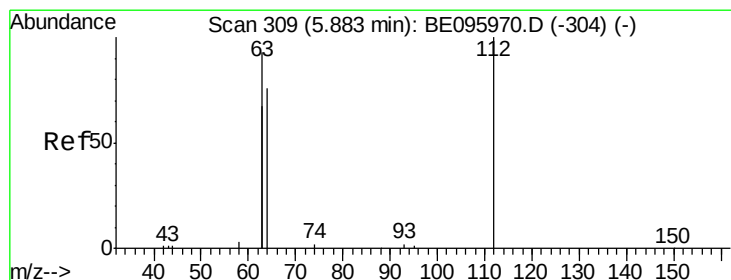
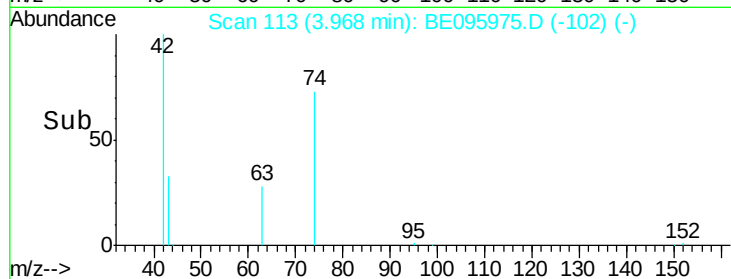
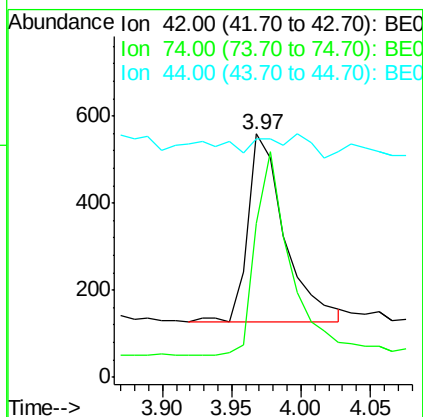
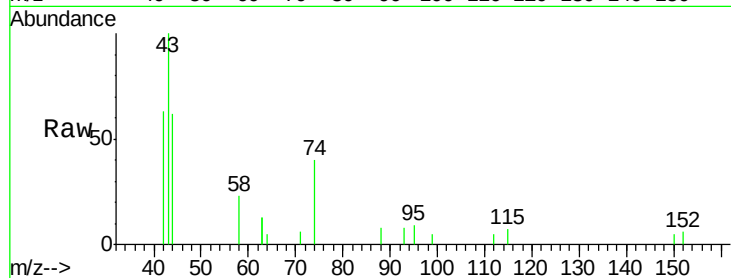


#3

n-Nitrosodimethylamine
 Concen: 0.294 ng
 RT: 3.97 min Scan# 113
 Delta R.T. 0.00 min
 Lab File: BE095975.D
 Acq: 11 Apr 2018 17:46

Instrument :
 BNA_E
 ClientSampleId :

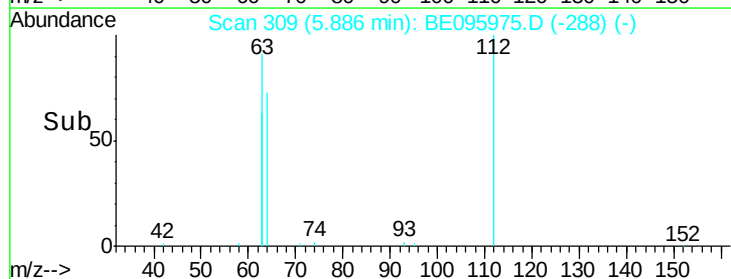
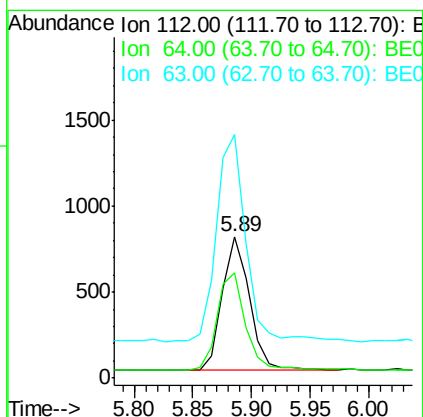
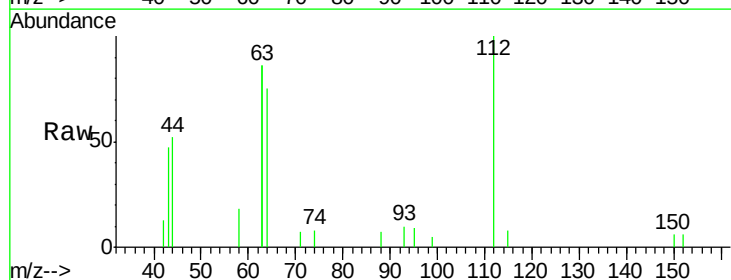
Tot Ion: 42 Resp: 797
 Ion Ratio Lower Upper
 42 100
 74 102.1 96.0 144.0
 44 0.0 12.0 18.0#

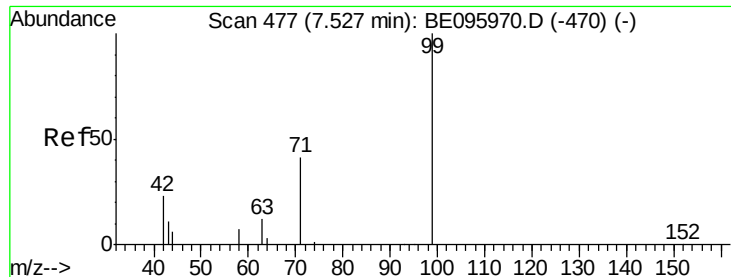


#4

2-Fluorophenol
 Concen: 0.286 ng
 RT: 5.89 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: BE095975.D
 Acq: 11 Apr 2018 17:46

Tgt Ion: 112 Resp: 1266
 Ion Ratio Lower Upper
 112 100
 64 74.7 60.1 90.1
 63 169.0 116.8 175.2





#5

Phenol-d6

Concen: 0.276 ng

RT: 7.53 min Scan# 477

Delta R.T. 0.00 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

Instrument :

BNA_E

ClientSampled :

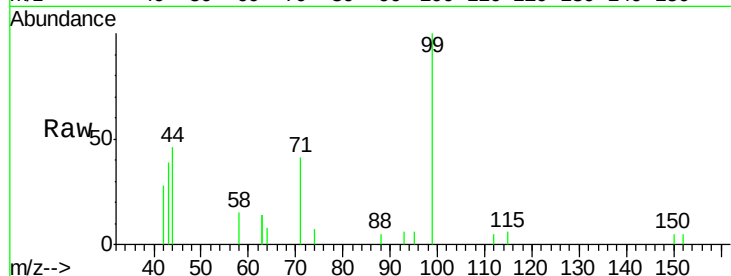
Tot Ion: 99 Resp: 1687

Ion Ratio Lower Upper

99 100

42 25.7 20.2 30.2

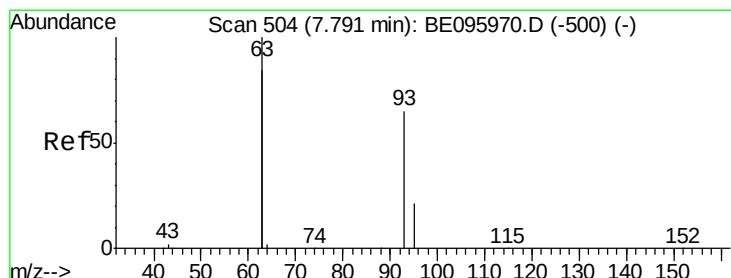
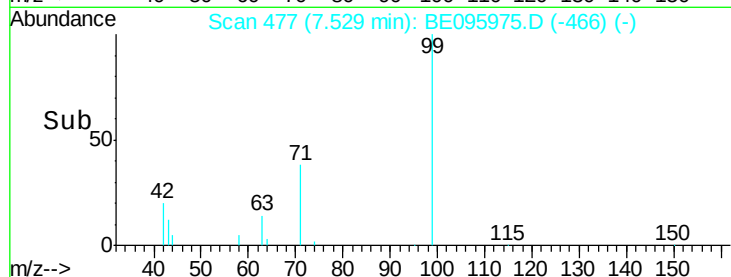
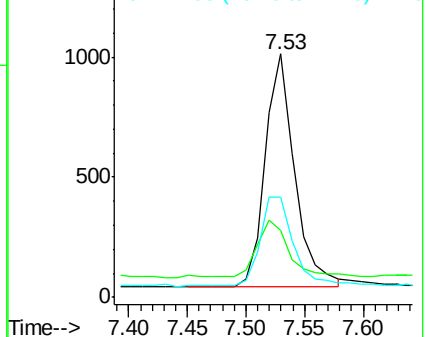
71 42.2 28.4 42.6



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: 0.266 ng

RT: 7.78 min Scan# 503

Delta R.T. -0.01 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

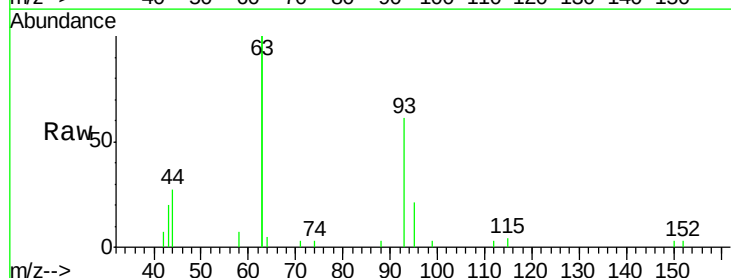
Tgt Ion: 93 Resp: 1428

Ion Ratio Lower Upper

93 100

63 333.7 275.3 412.9

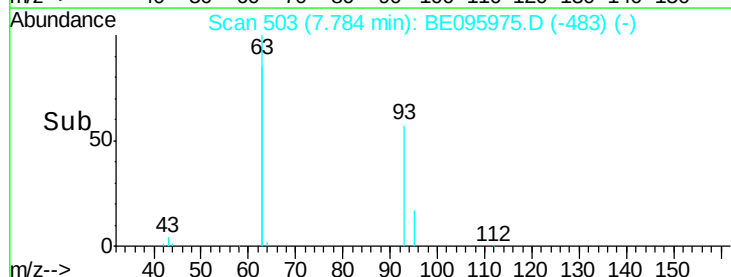
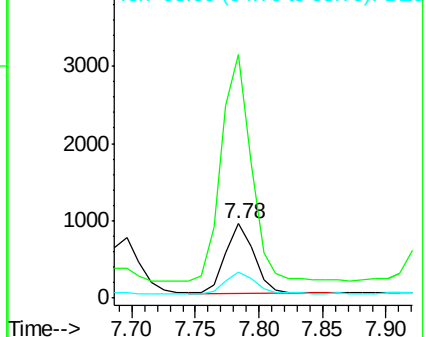
95 32.8 25.2 37.8

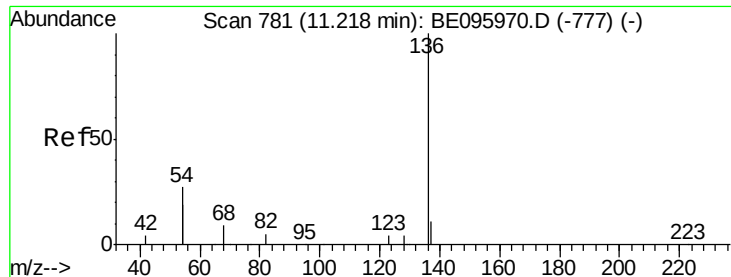


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 11.22 min Scan# 781

Delta R.T. -0.00 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5031

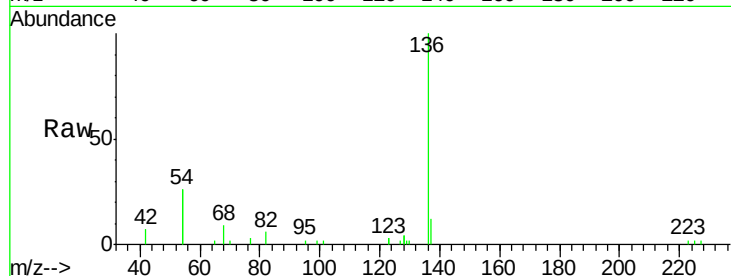
Ion Ratio Lower Upper

136 100

137 12.2 9.5 14.3

54 52.9 29.1 43.7#

68 9.2 6.2 9.2

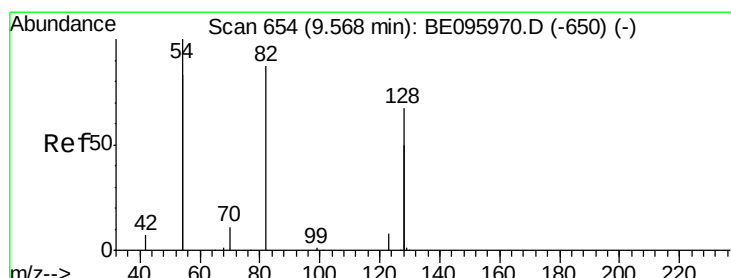
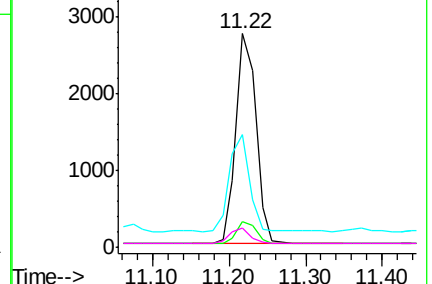
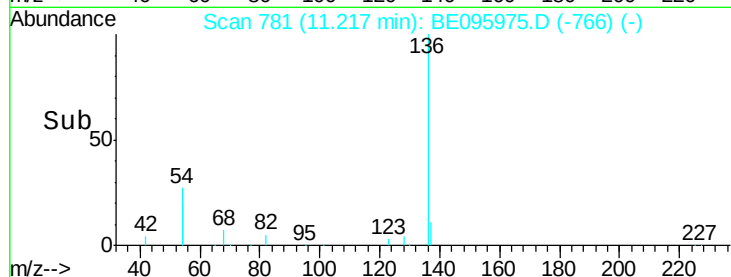


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.027 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.09 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

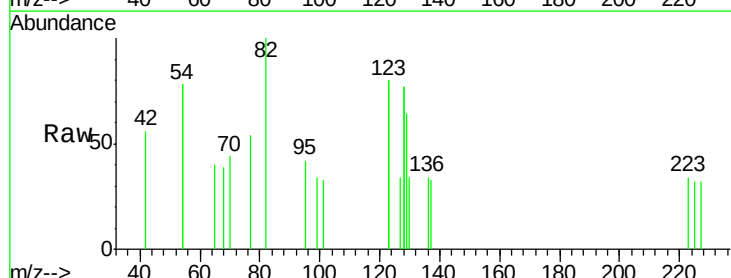
Tgt Ion: 82 Resp: 159

Ion Ratio Lower Upper

82 100

128 154.7 150.0 225.0

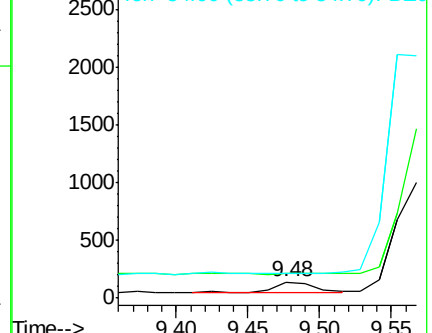
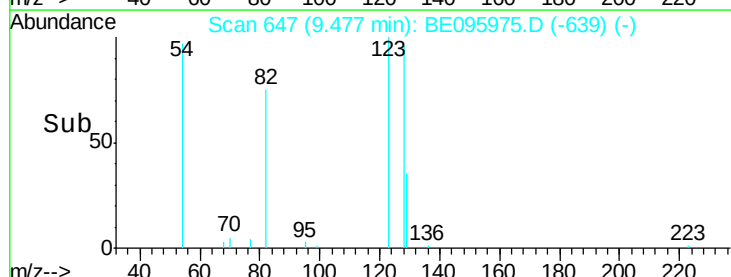
54 156.2 154.2 231.4

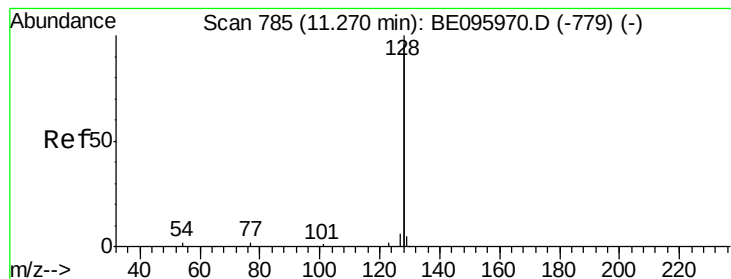


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.303 ng

RT: 11.27 min Scan# 785

Delta R.T. -0.00 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

Instrument :

BNA_E

ClientSampleId :

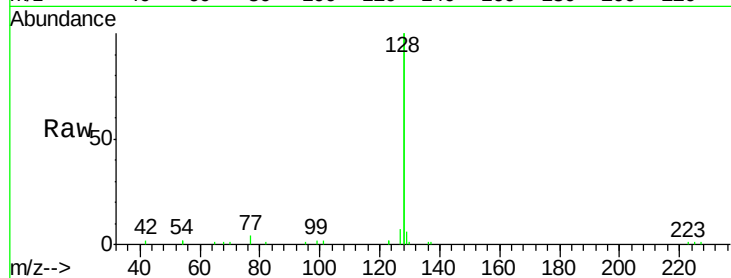
Tot Ion:128 Resp: 16082

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

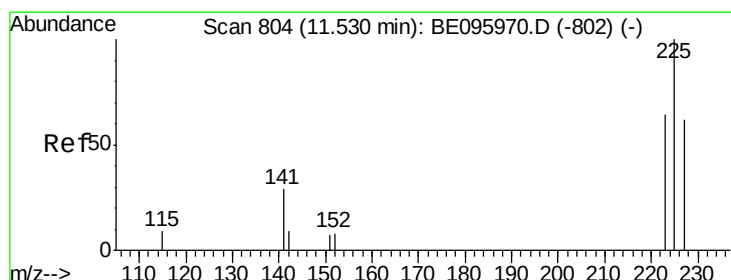
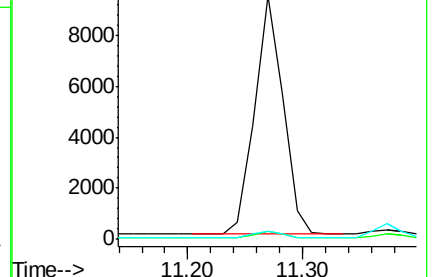
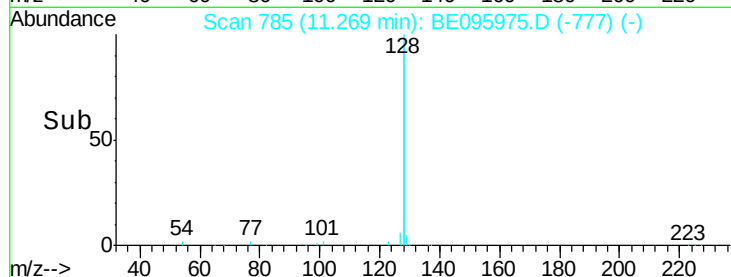
127 3.6 2.8 4.2



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: 0.239 ng

RT: 11.53 min Scan# 804

Delta R.T. 0.00 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

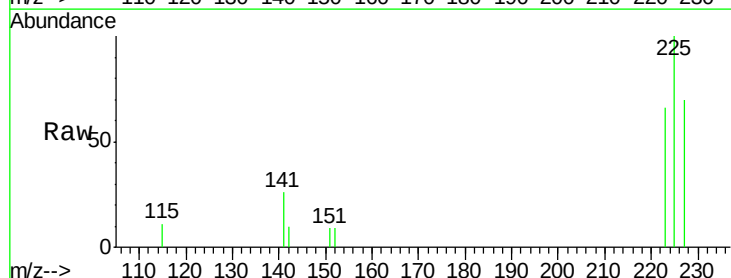
Tgt Ion:225 Resp: 562

Ion Ratio Lower Upper

225 100

223 61.0 53.0 79.6

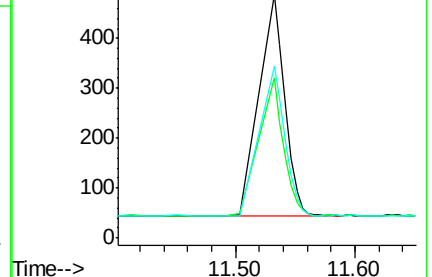
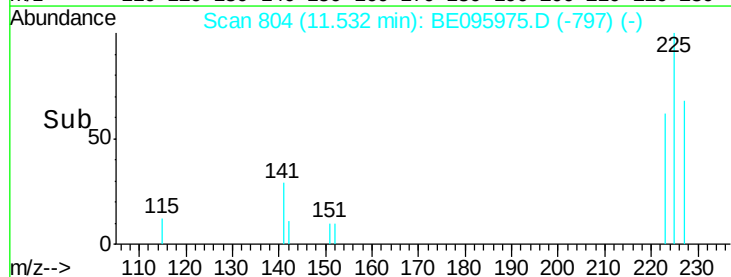
227 67.3 51.4 77.2

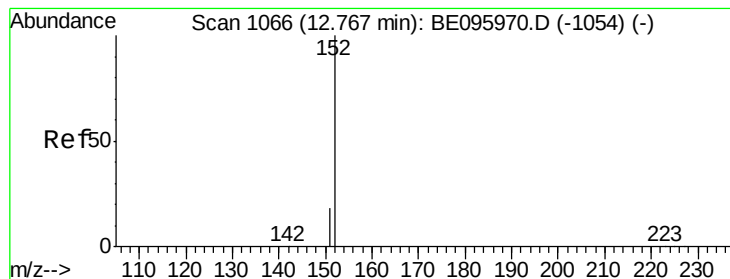


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.289 ng

RT: 12.76 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

Instrument :

BNA_E

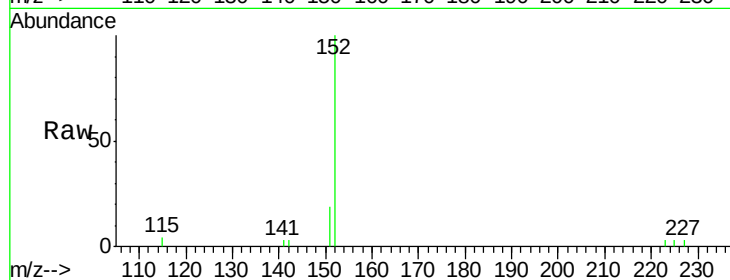
ClientSampleId :

Tot Ion:152 Resp: 2305

Ion Ratio Lower Upper

152 100

151 19.0 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.76

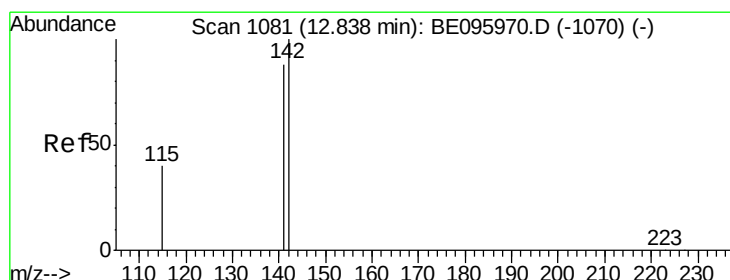
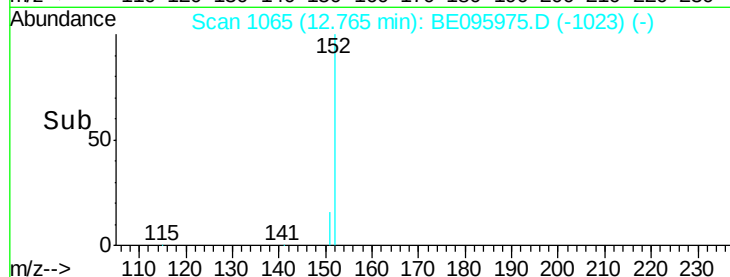
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.300 ng

RT: 12.84 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

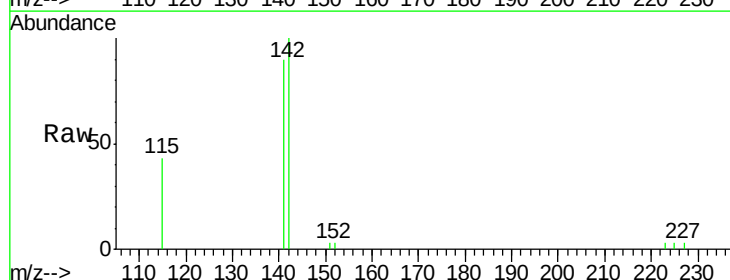
Tgt Ion:142 Resp: 2636

Ion Ratio Lower Upper

142 100

141 90.0 70.4 105.6

115 42.7 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

12.84

2000

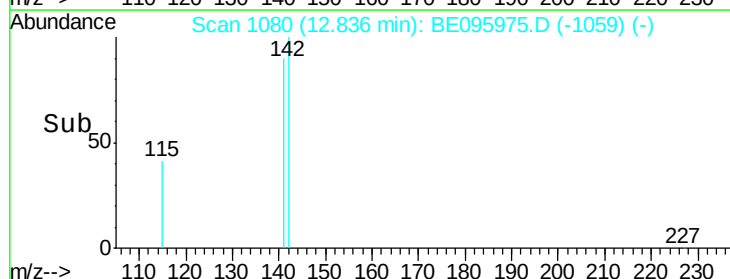
1500

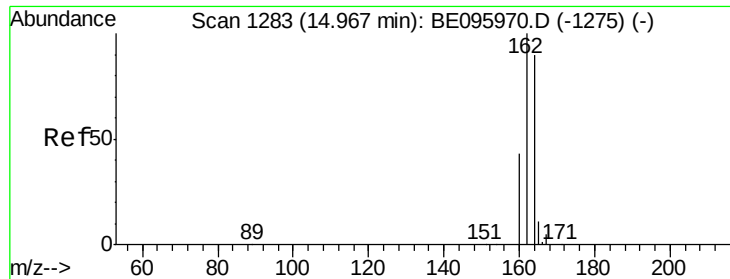
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.97 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

Instrument :

BNA_E

ClientSampleId :

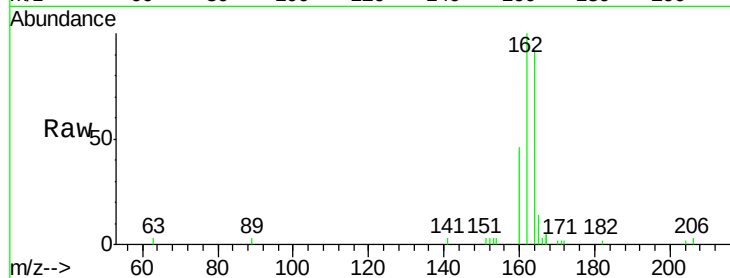
Tot Ion:164 Resp: 2496

Ion Ratio Lower Upper

164 100

162 108.9 83.1 124.7

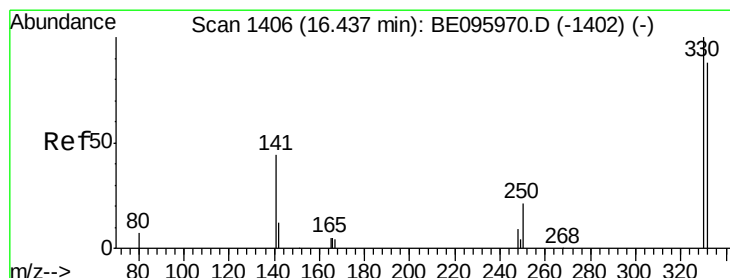
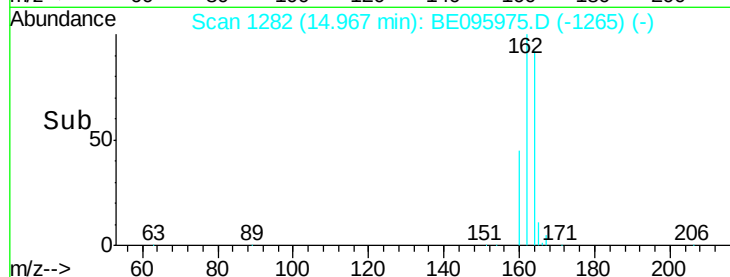
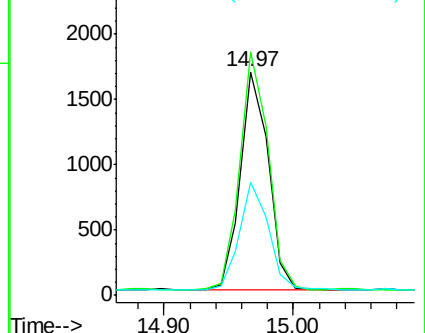
160 50.6 37.1 55.7



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: 0.231 ng

RT: 16.44 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

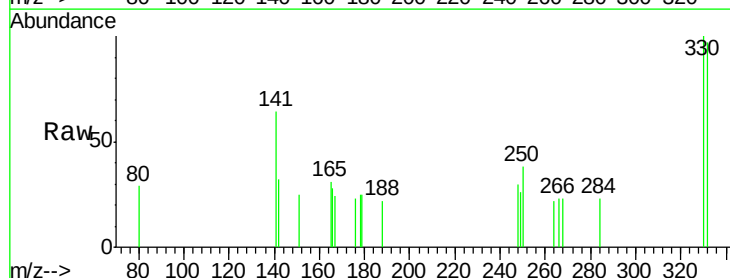
Tgt Ion:330 Resp: 279

Ion Ratio Lower Upper

330 100

332 98.6 152.7 229.1#

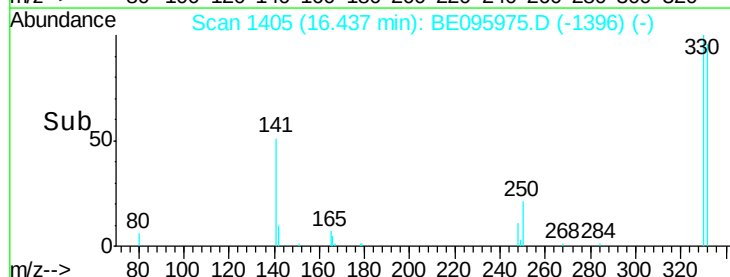
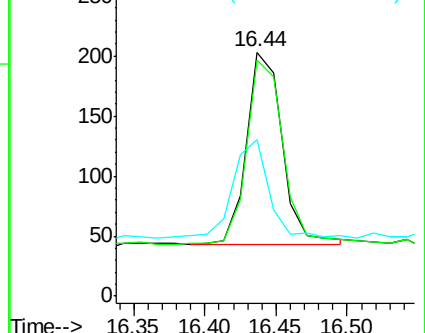
141 53.0 33.7 50.5#

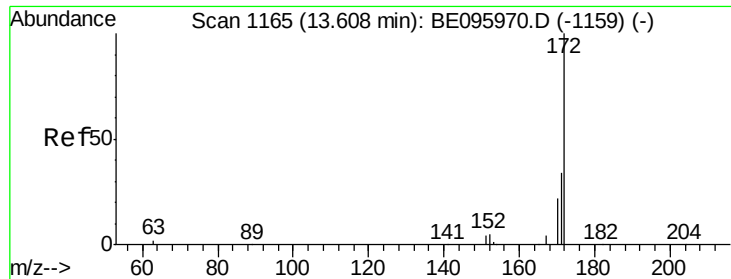


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

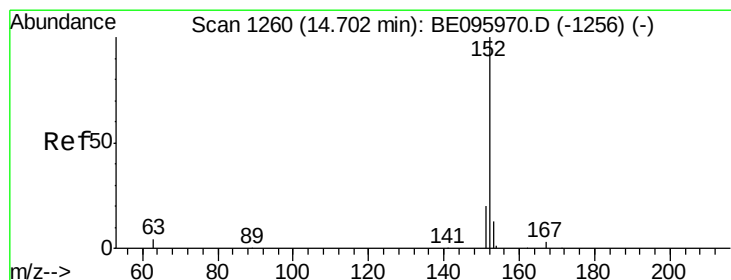
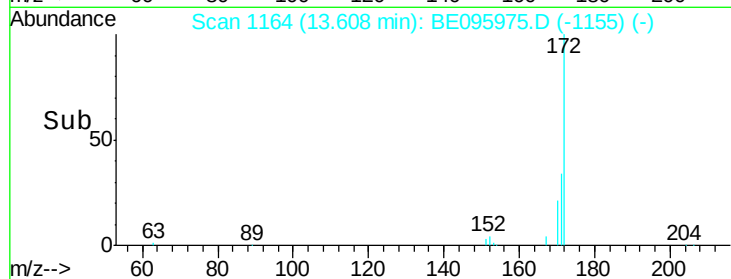
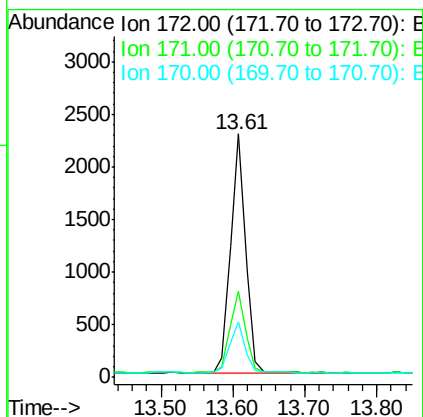
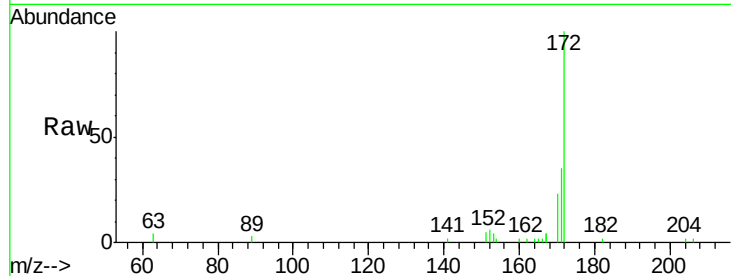




#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 13.61 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BE095975.D
Acq: 11 Apr 2018 17:46

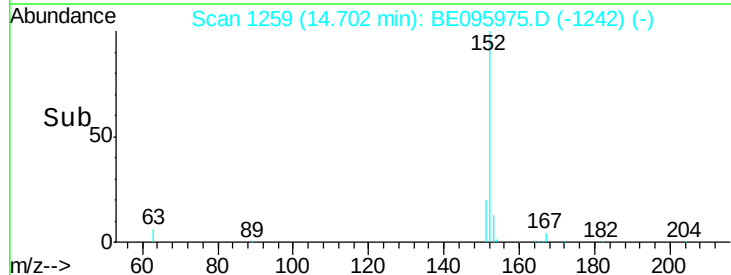
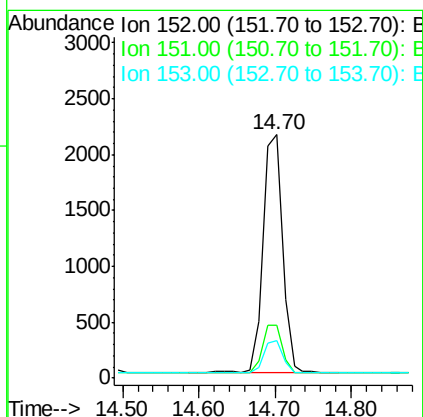
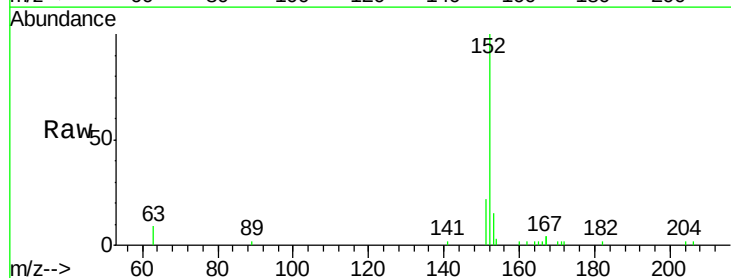
Instrument :
BNA_E
ClientSampleId :

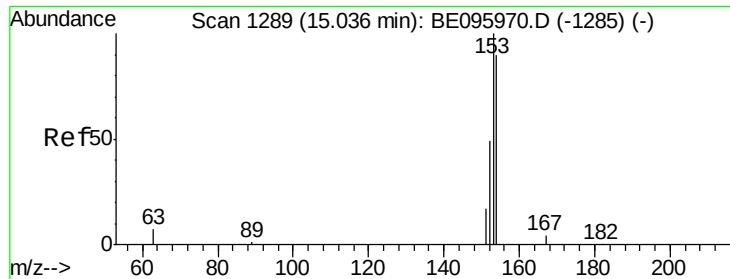
Tot Ion:172 Resp: 3273
Ion Ratio Lower Upper
172 100
171 35.2 29.9 44.9
170 22.8 21.8 32.8



#16
Acenaphthylene
Concen: 0.281 ng
RT: 14.70 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BE095975.D
Acq: 11 Apr 2018 17:46

Tgt Ion:152 Resp: 3742
Ion Ratio Lower Upper
152 100
151 20.8 15.7 23.5
153 13.4 10.5 15.7





#17

Acenaphthene

Concen: 0.288 ng

RT: 15.04 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

Instrument :

BNA_E

ClientSampleId :

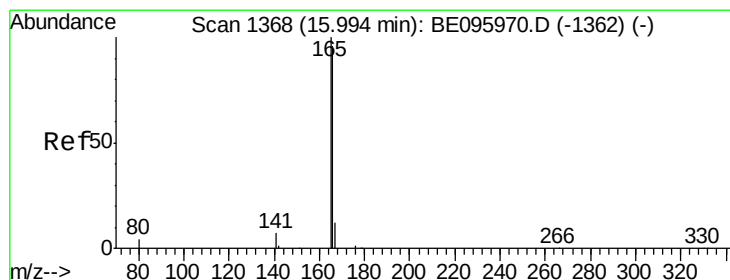
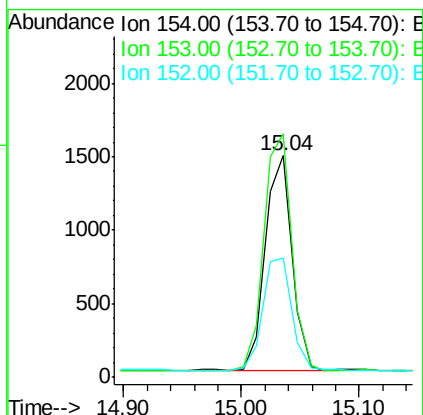
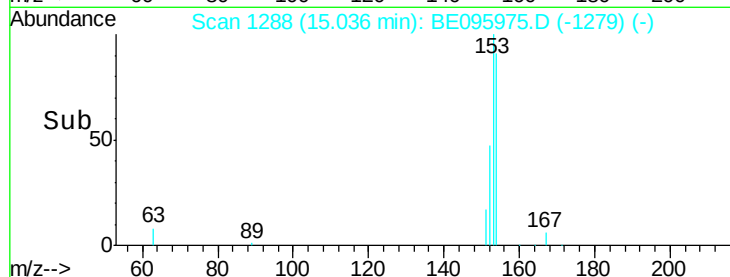
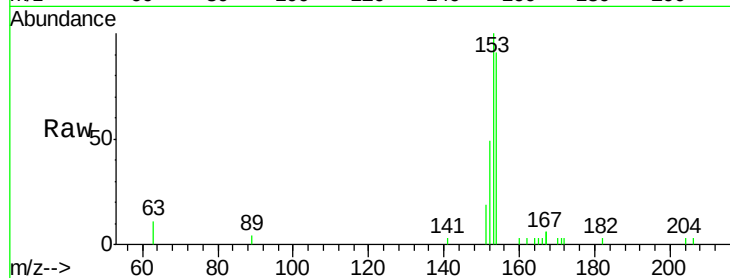
Tot Ion:154 Resp: 2308

Ion Ratio Lower Upper

154 100

153 114.7 89.2 133.8

152 56.8 42.0 63.0



#18

Fluorene

Concen: 0.286 ng

RT: 15.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

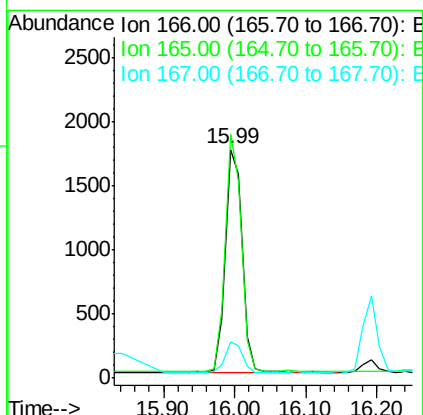
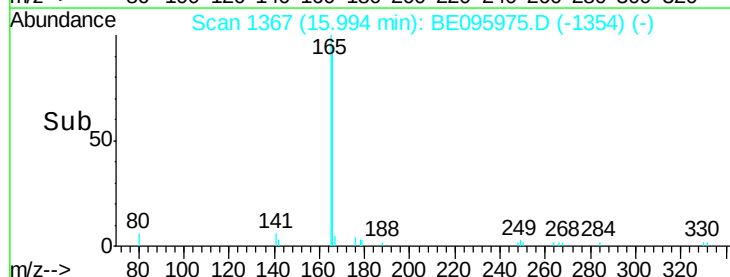
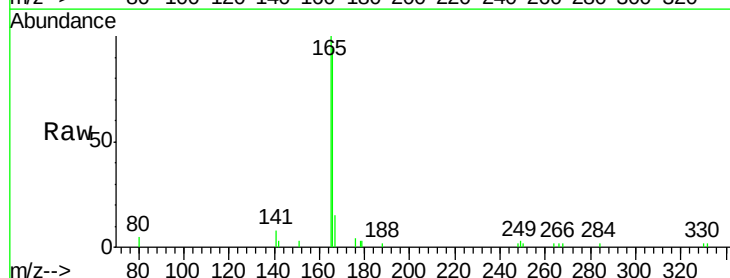
Tgt Ion:166 Resp: 2839

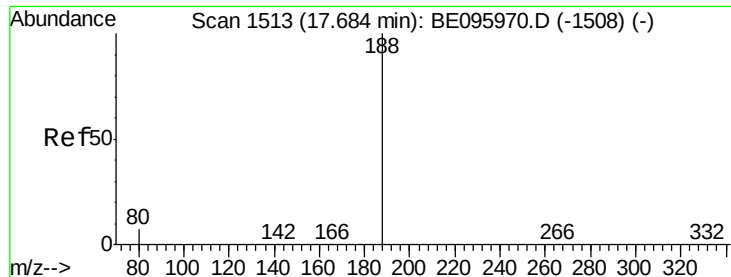
Ion Ratio Lower Upper

166 100

165 101.7 77.8 116.6

167 13.7 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.67 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

Instrument :

BNA_E

ClientSampleId :

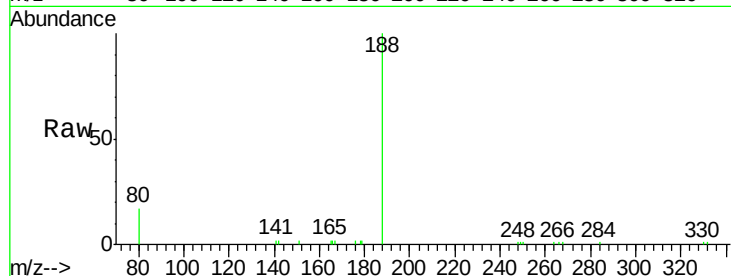
Tot Ion:188 Resp: 5459

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

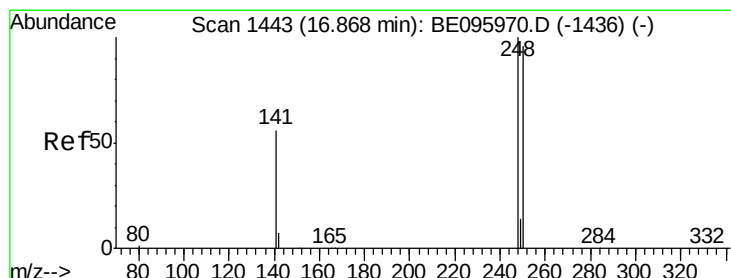
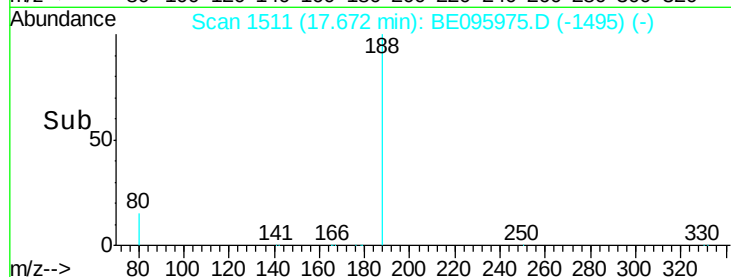
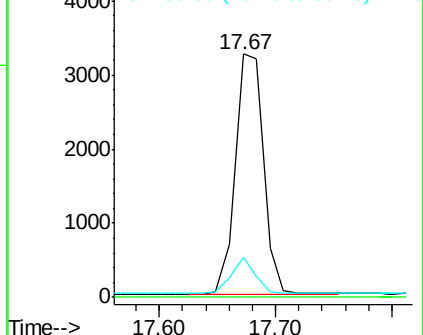
80 16.6 3.6 5.4#



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: 0.278 ng

RT: 16.87 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

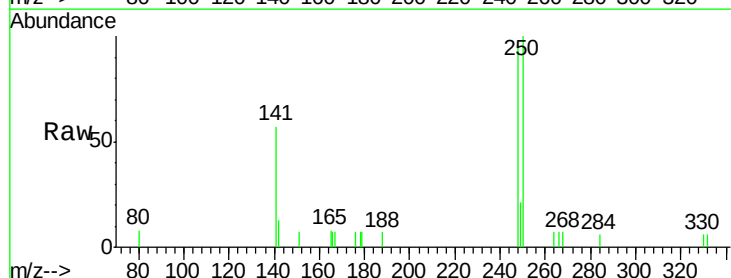
Tgt Ion:248 Resp: 901

Ion Ratio Lower Upper

248 100

250 104.3 62.7 94.1#

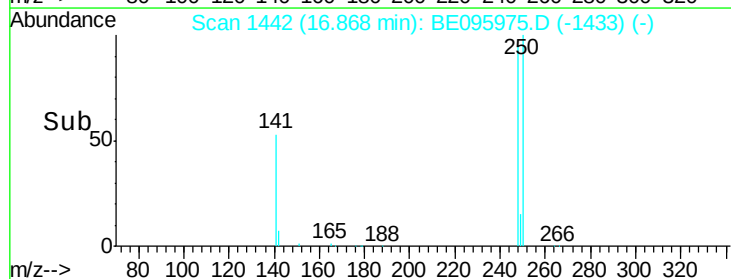
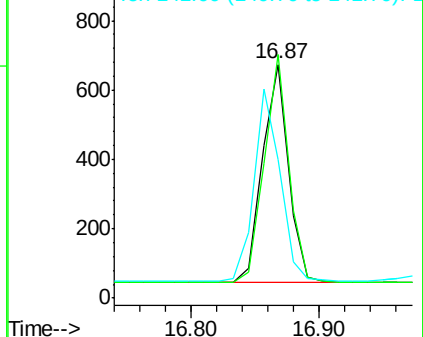
141 59.3 48.2 72.2

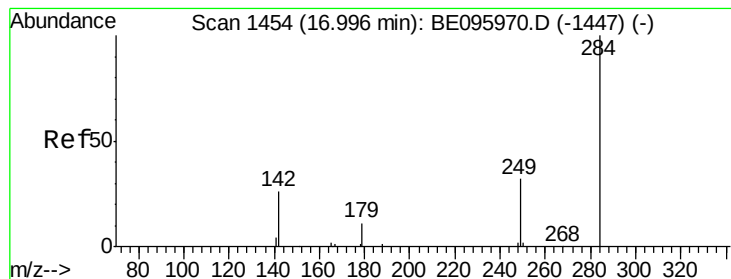


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.279 ng

RT: 17.00 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

Instrument :

BNA_E

ClientSampleId :

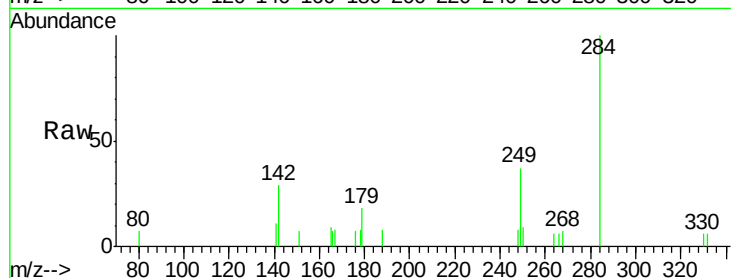
Tot Ion:284 Resp: 902

Ion Ratio Lower Upper

284 100

142 43.1 22.1 33.1#

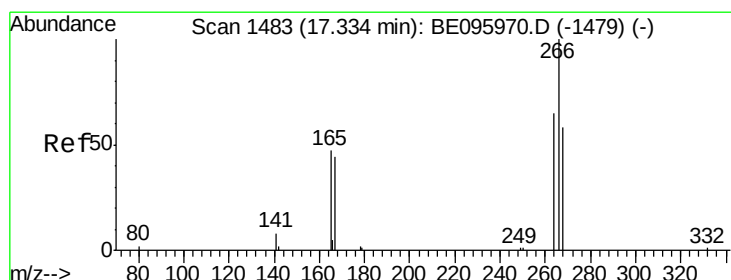
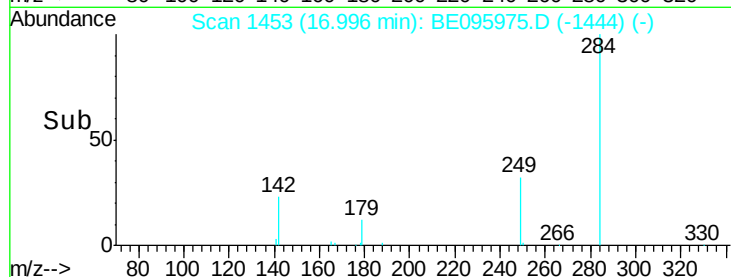
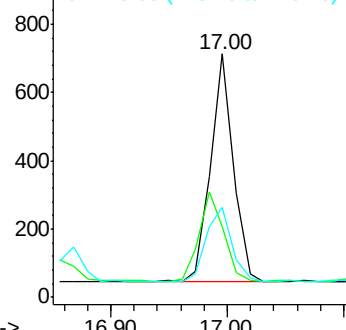
249 37.3 34.8 52.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.386 ng

RT: 17.33 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

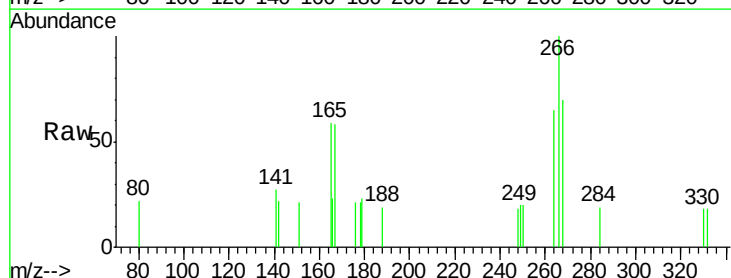
Tgt Ion:266 Resp: 373

Ion Ratio Lower Upper

266 100

264 65.4 72.5 108.7#

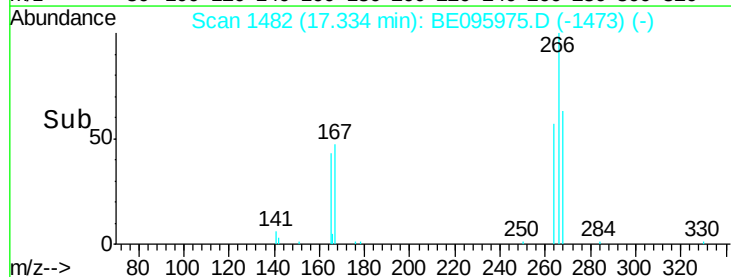
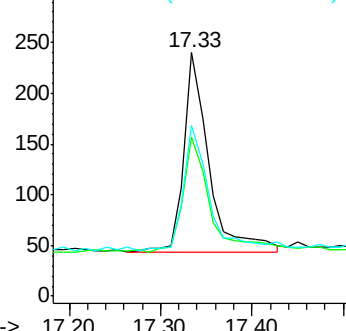
268 70.0 73.8 110.6#

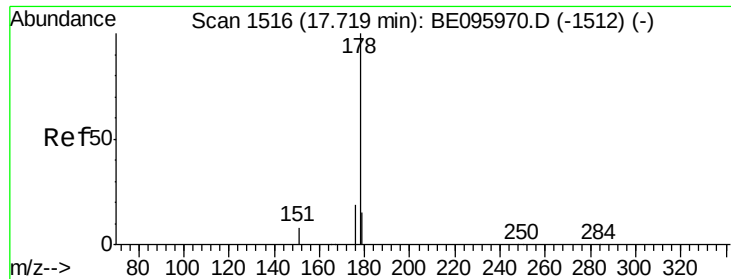


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.301 ng

RT: 17.72 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

Instrument :

BNA_E

ClientSampleId :

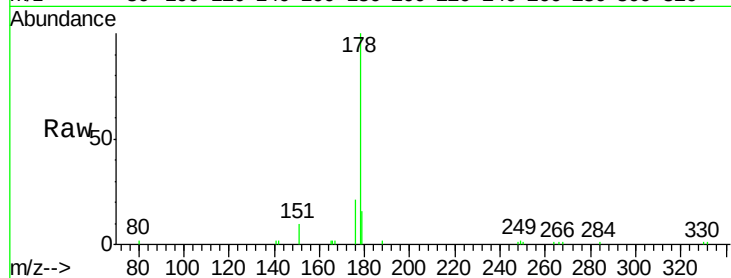
Tot Ion:178 Resp: 4622

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

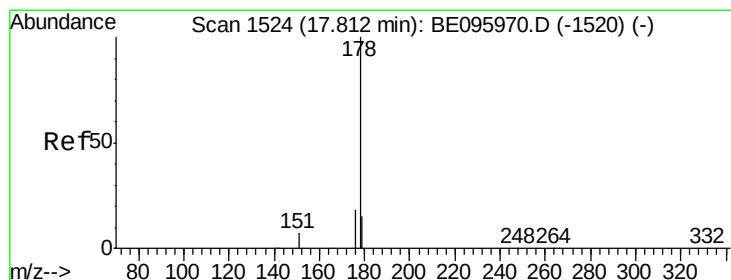
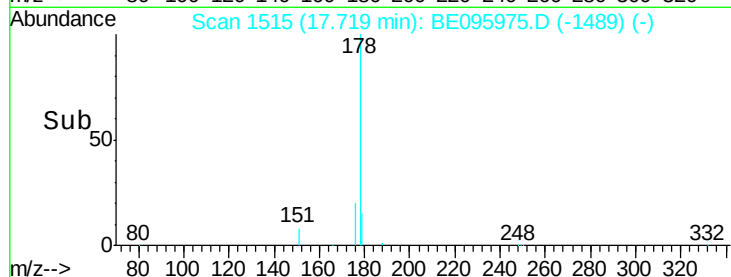
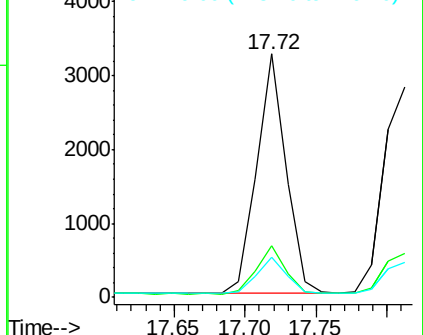
179 14.9 11.8 17.6



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: 0.303 ng

RT: 17.81 min Scan# 1523

Delta R.T. -0.00 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

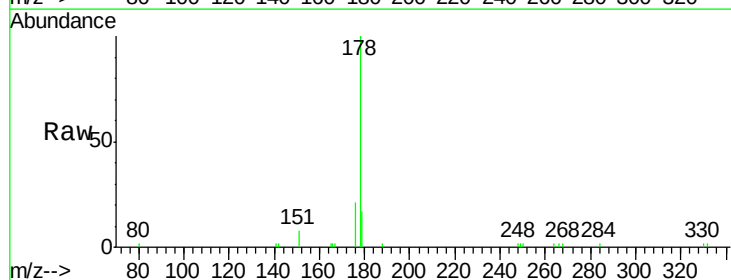
Tgt Ion:178 Resp: 4444

Ion Ratio Lower Upper

178 100

176 19.8 12.8 19.2#

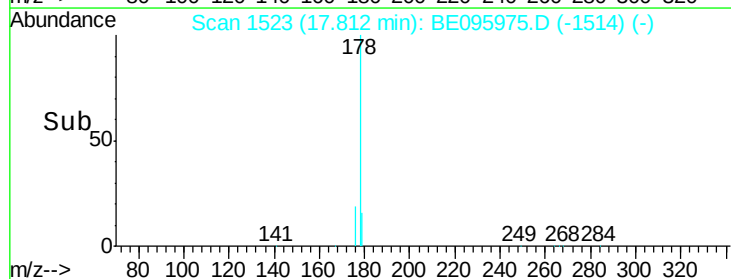
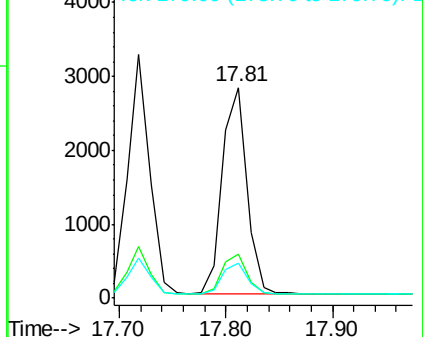
179 15.4 13.0 19.6

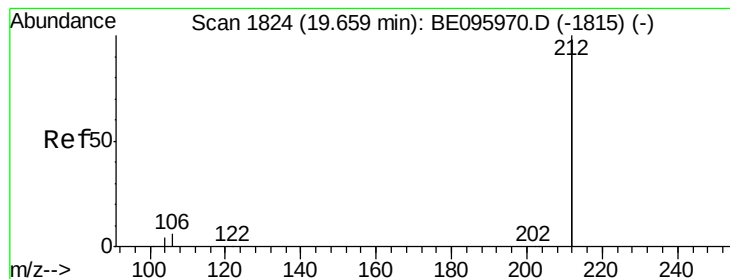


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.283 ng

RT: 19.66 min Scan# 1823

Delta R.T. -0.00 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

Instrument :

BNA_E

ClientSampleId :

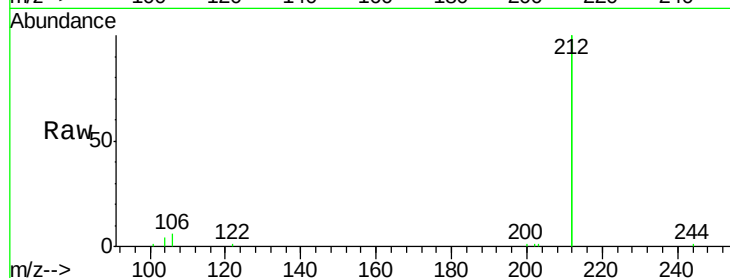
Tot Ion:212 Resp: 20995

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

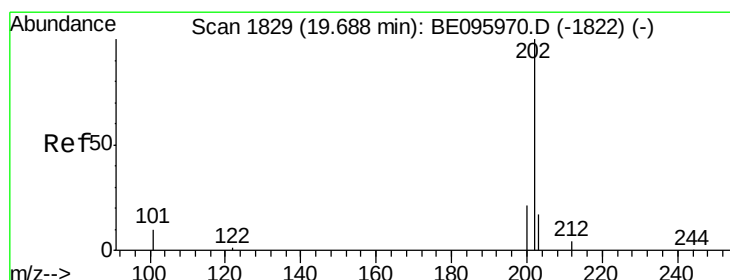
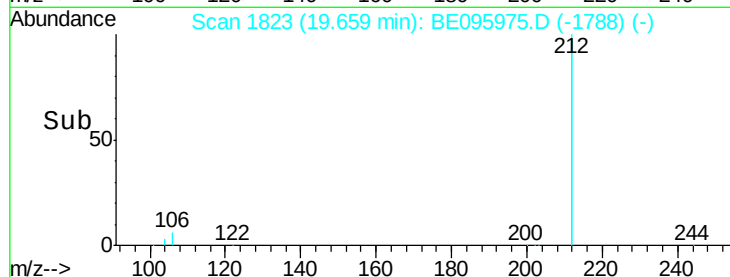
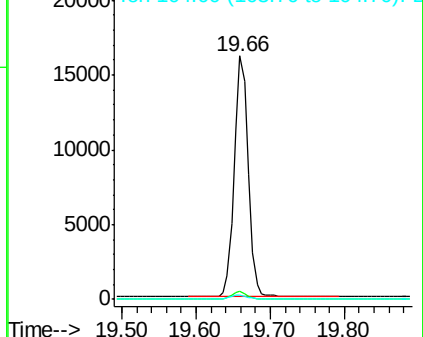
104 1.7 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.291 ng

RT: 19.69 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

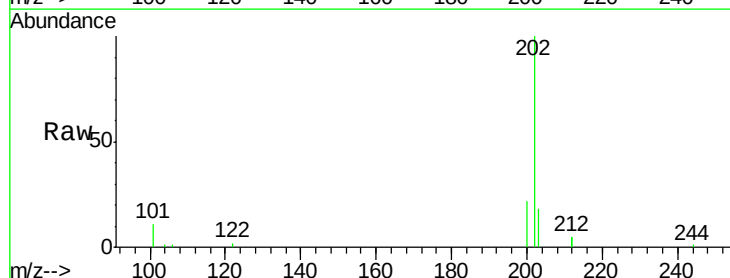
Tgt Ion:202 Resp: 5872

Ion Ratio Lower Upper

202 100

101 10.0 9.8 14.8

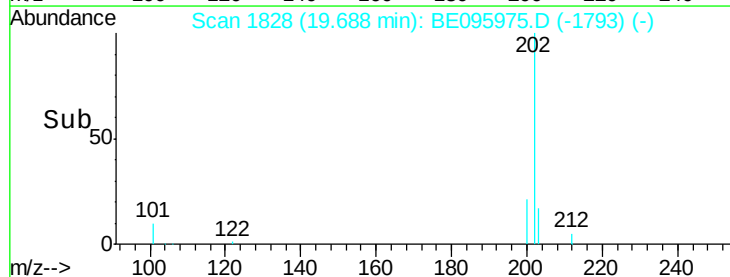
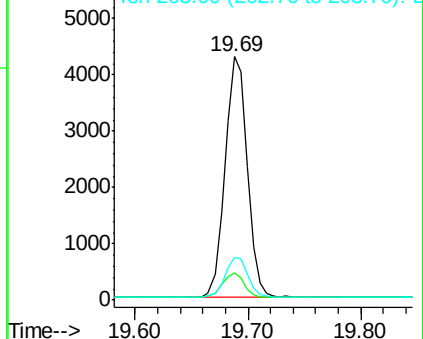
203 16.6 13.7 20.5

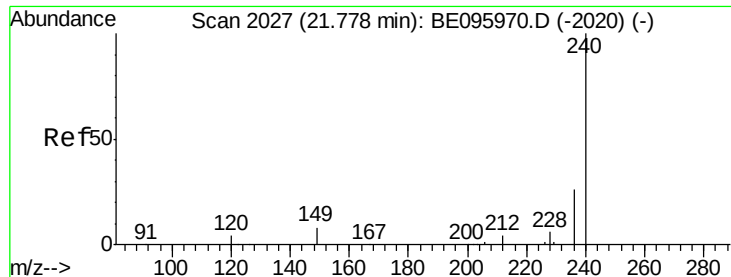


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.78 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

Instrument :

BNA_E

ClientSampled :

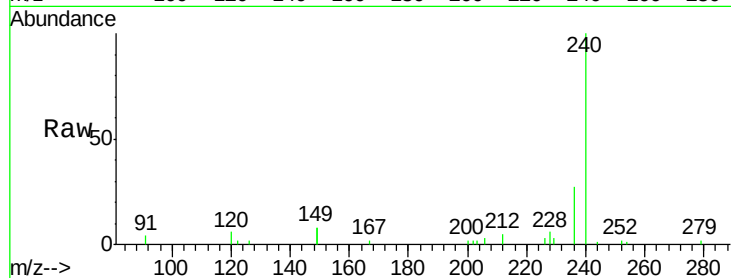
Tot Ion:240 Resp: 6331

Ion Ratio Lower Upper

240 100

120 6.2 5.5 8.3

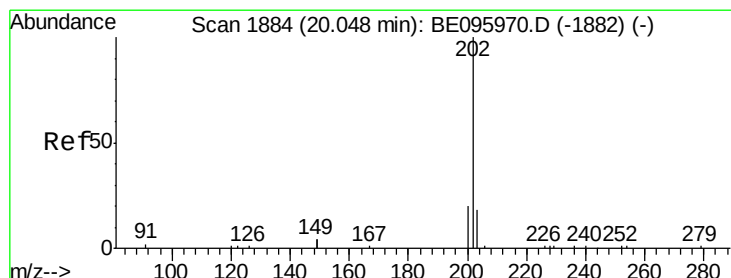
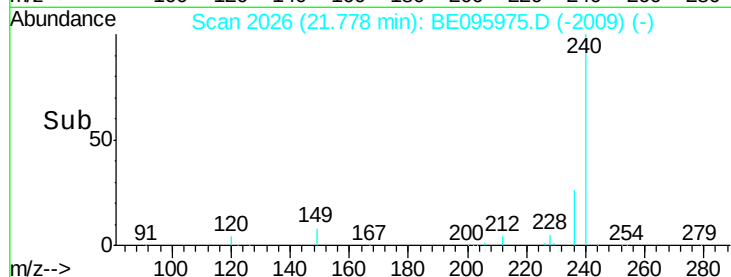
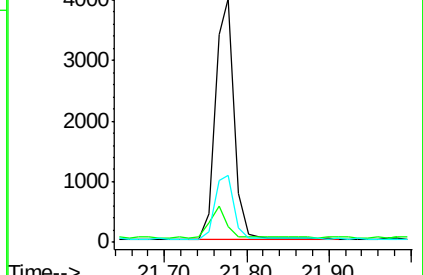
236 27.5 20.7 31.1



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: 0.248 ng

RT: 20.05 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

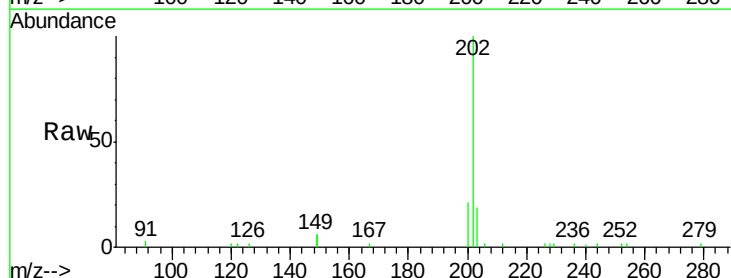
Tgt Ion:202 Resp: 3096

Ion Ratio Lower Upper

202 100

200 22.2 16.6 25.0

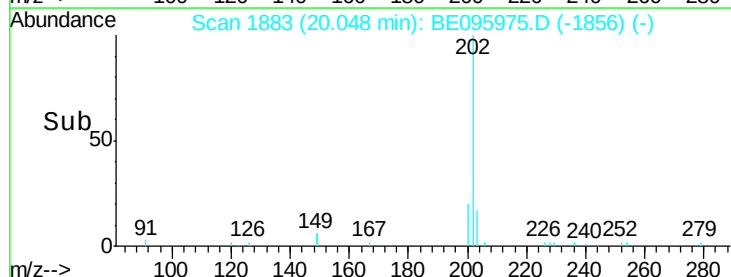
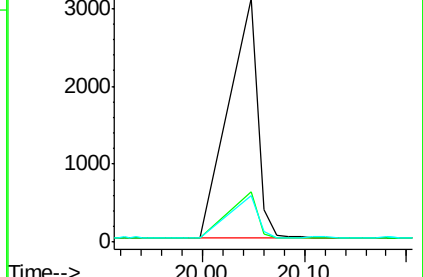
203 17.5 13.8 20.8

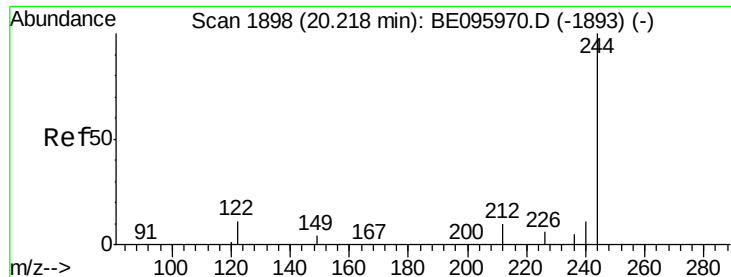


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.265 ng

RT: 20.22 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

Instrument :

BNA_E

ClientSampleId :

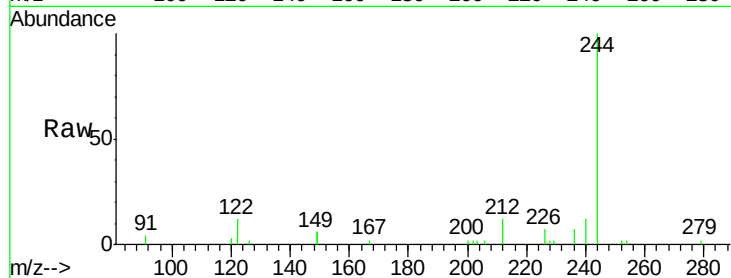
Tot Ion:244 Resp: 3707

Ion Ratio Lower Upper

244 100

212 11.8 25.4 38.0#

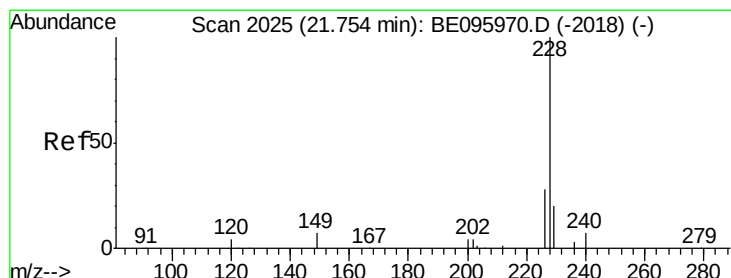
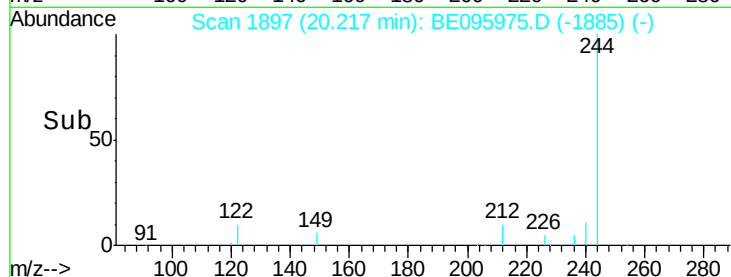
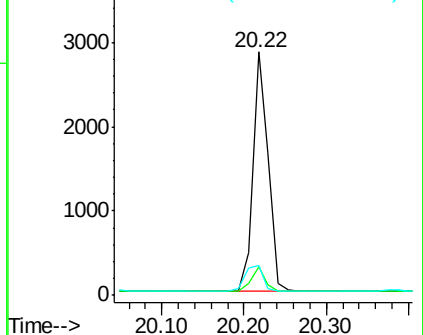
122 12.0 8.1 12.1



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: 0.296 ng

RT: 21.75 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

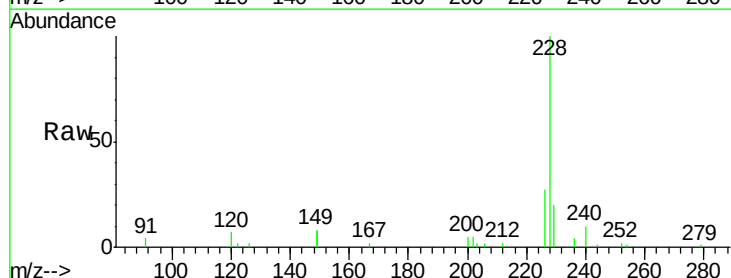
Tgt Ion:228 Resp: 6019

Ion Ratio Lower Upper

228 100

226 27.3 24.0 36.0

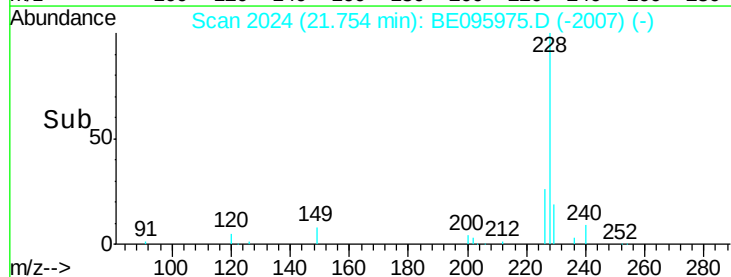
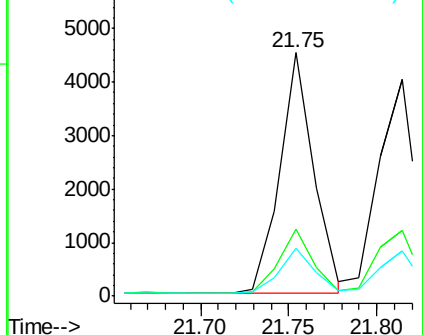
229 19.8 16.0 24.0

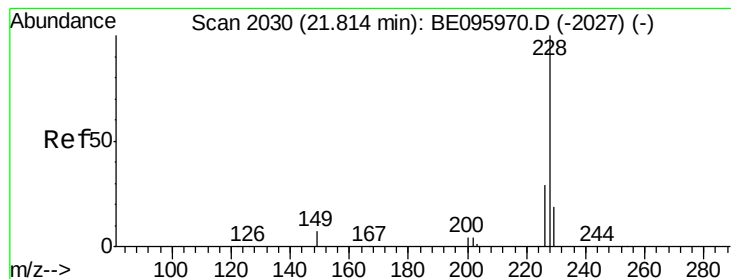


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.293 ng

RT: 21.81 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

Instrument :

BNA_E

ClientSampleId :

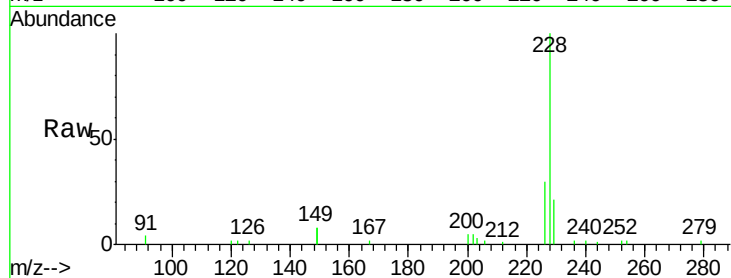
Tot Ion:228 Resp: 5754

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

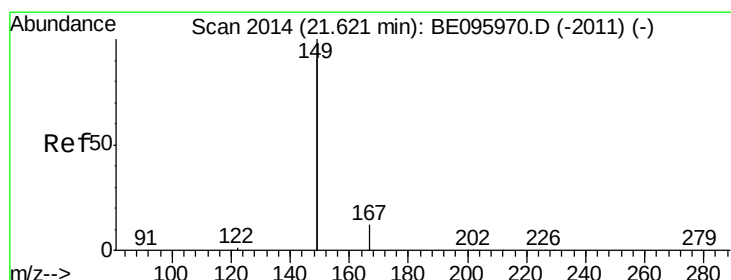
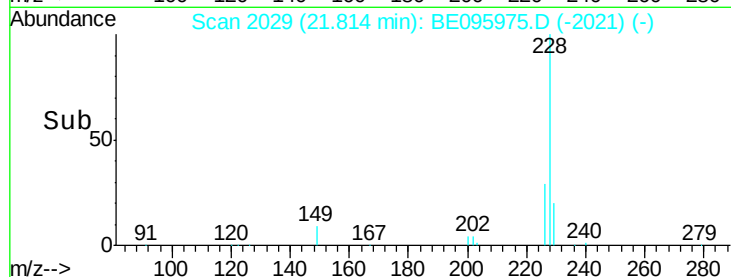
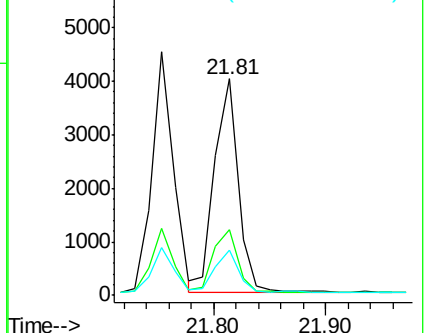
229 20.9 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.256 ng

RT: 21.62 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

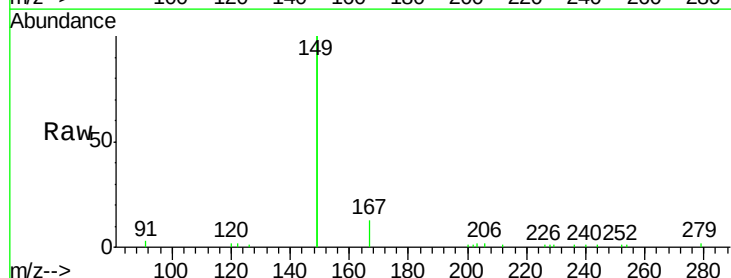
Tgt Ion:149 Resp: 13429

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

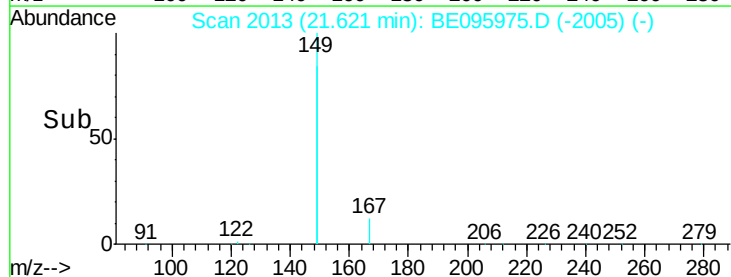
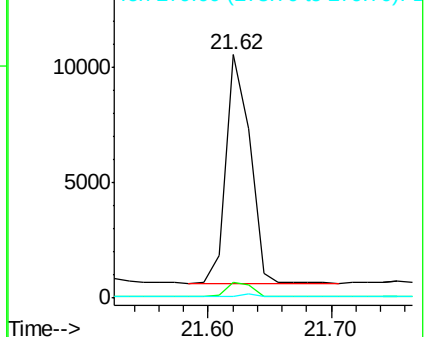
279 1.0 0.7 1.1

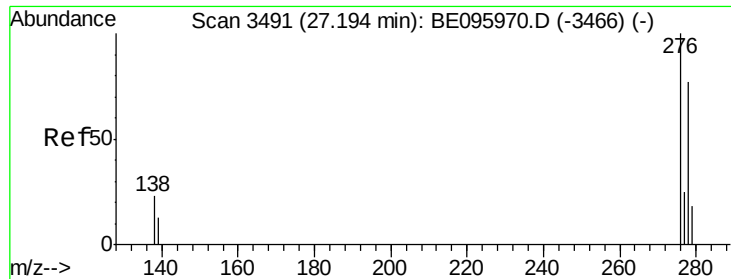


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.331 ng

RT: 27.18 min Scan# 3487

Delta R.T. -0.01 min

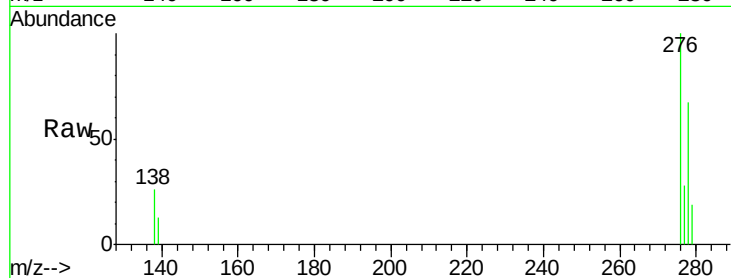
Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

Instrument :

BNA_E

ClientSampleId :



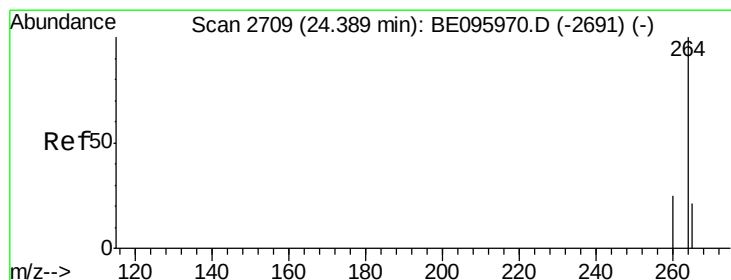
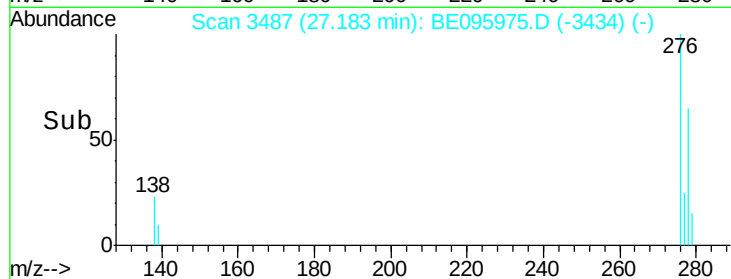
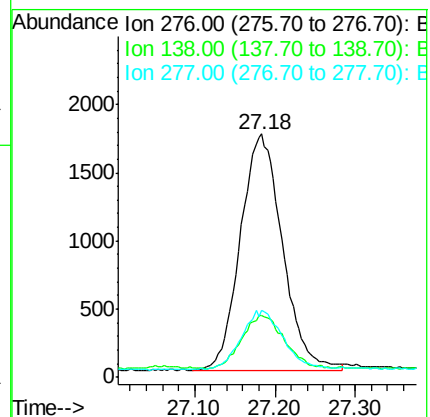
Tot Ion:276 Resp: 6288

Ion Ratio Lower Upper

276 100

138 23.1 22.5 33.7

277 24.3 19.9 29.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.39 min Scan# 2708

Delta R.T. -0.00 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

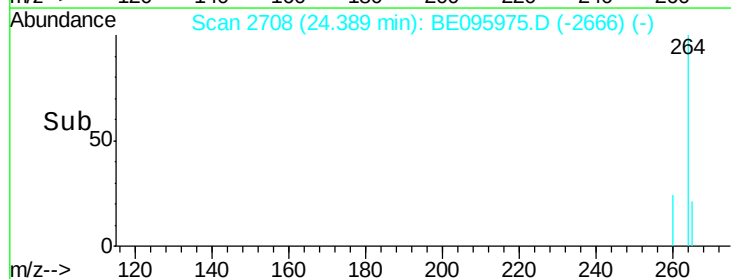
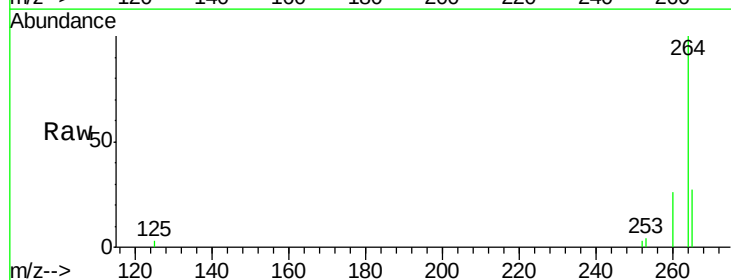
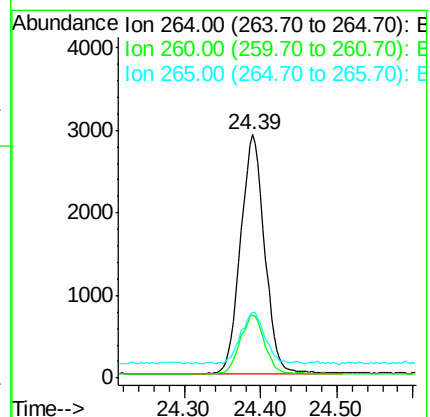
Tgt Ion:264 Resp: 6419

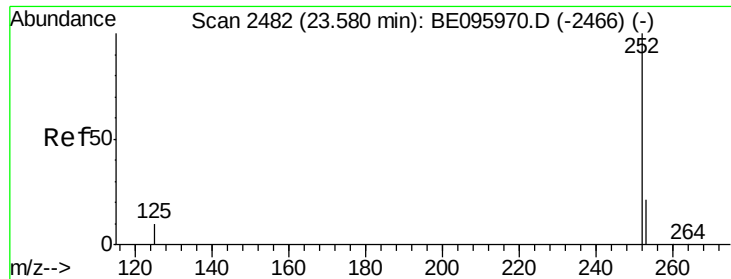
Ion Ratio Lower Upper

264 100

260 25.7 20.5 30.7

265 26.9 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.300 ng

RT: 23.58 min Scan# 2481

Delta R.T. -0.00 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

Instrument :

BNA_E

ClientSampleId :

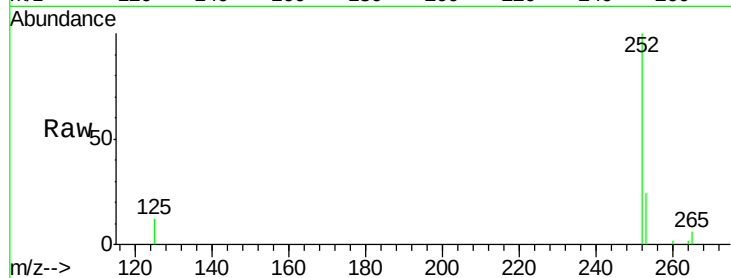
Tot Ion:252 Resp: 5768

Ion Ratio Lower Upper

252 100

253 24.3 20.0 30.0

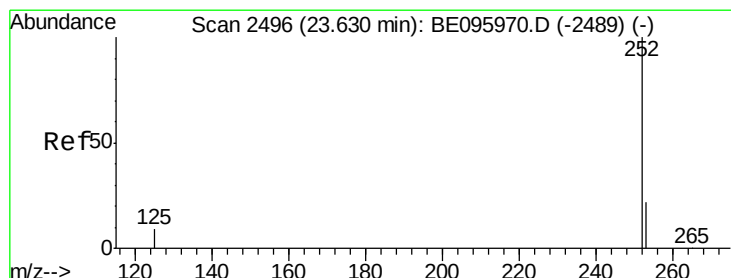
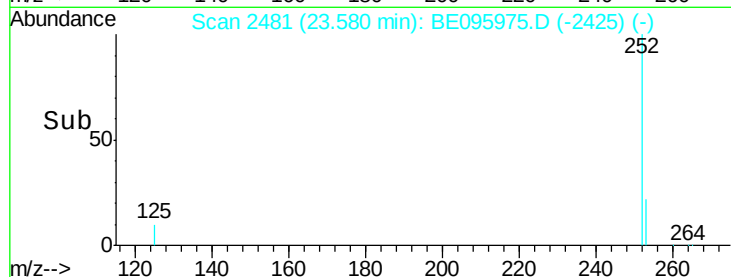
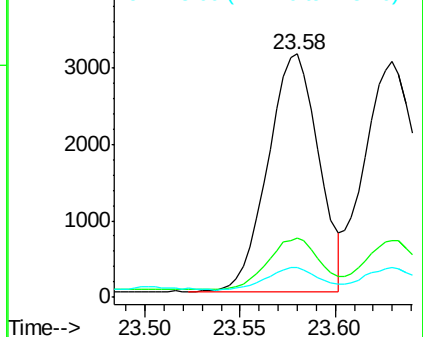
125 12.5 16.0 24.0#



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: 0.294 ng

RT: 23.63 min Scan# 2495

Delta R.T. -0.00 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

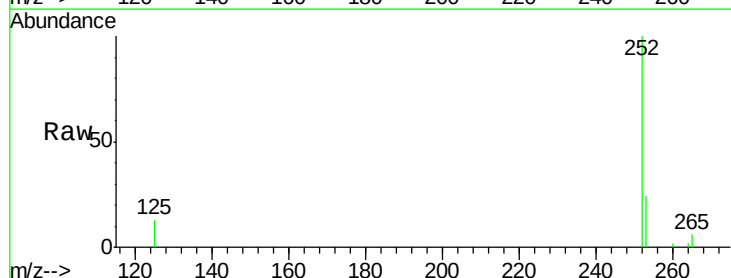
Tgt Ion:252 Resp: 5826

Ion Ratio Lower Upper

252 100

253 24.2 16.0 24.0#

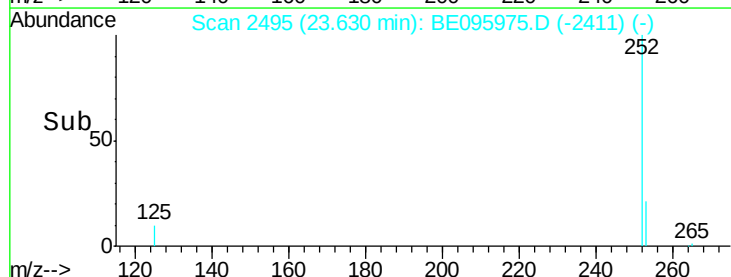
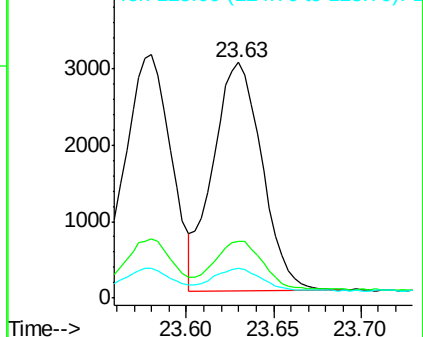
125 12.6 8.0 12.0#

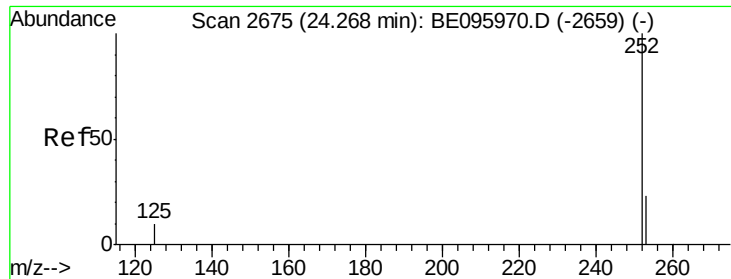


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.302 ng

RT: 24.27 min Scan# 2675

Delta R.T. 0.00 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

Instrument :

BNA_E

ClientSampleId :

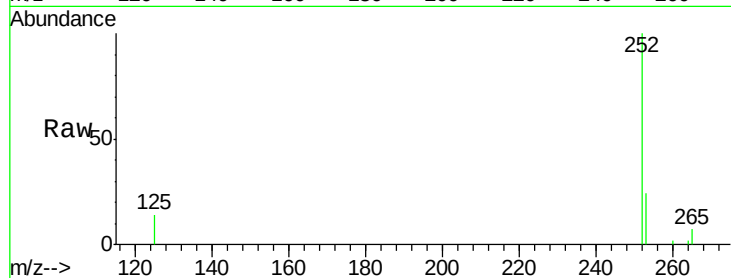
Tot Ion:252 Resp: 5584

Ion Ratio Lower Upper

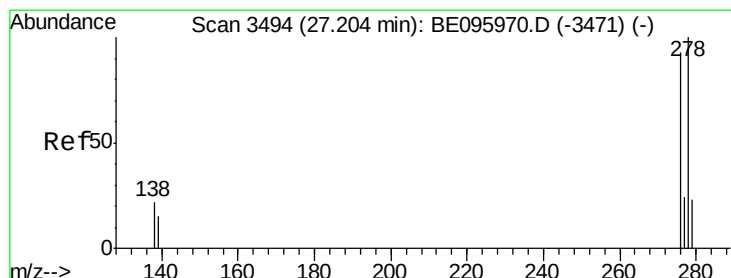
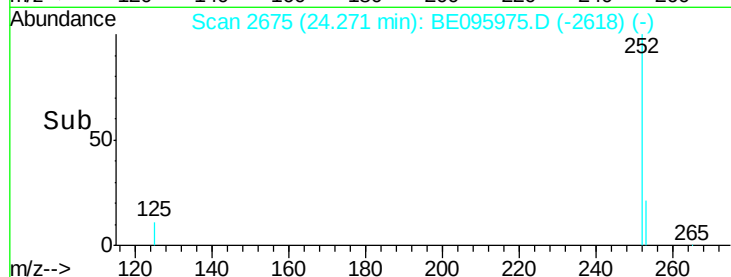
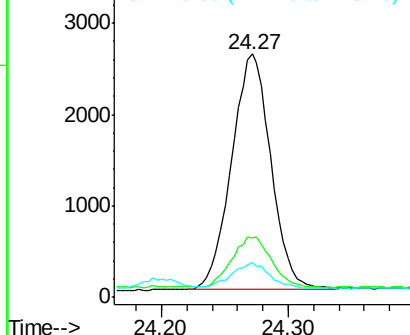
252 100

253 24.1 16.0 24.0#

125 14.5 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: 0.306 ng

RT: 27.20 min Scan# 3491

Delta R.T. -0.01 min

Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

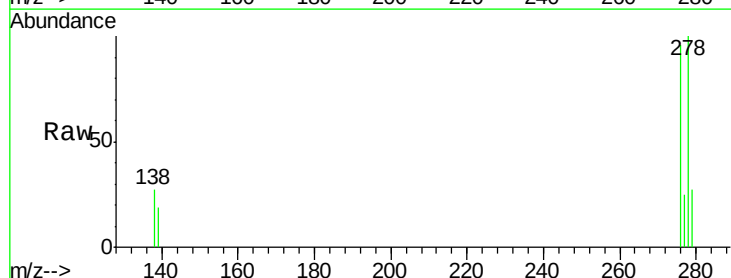
Tgt Ion:278 Resp: 4986

Ion Ratio Lower Upper

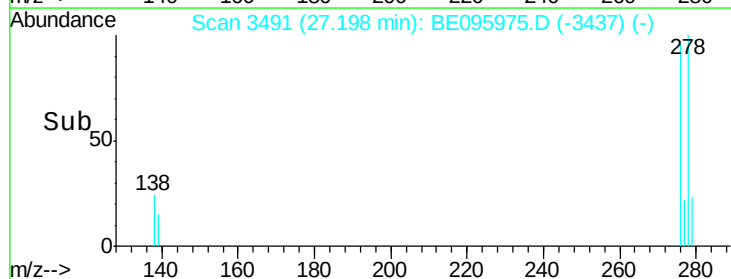
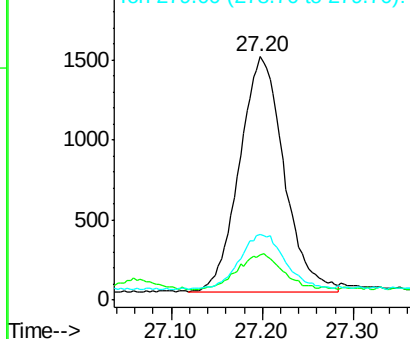
278 100

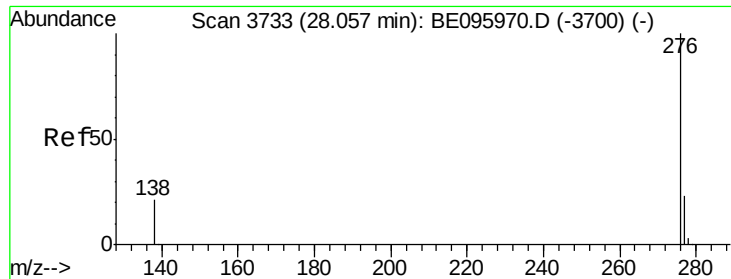
139 18.7 16.0 24.0

279 27.1 20.0 30.0



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.315 ng

RT: 28.05 min Scan# 3730

Delta R.T. -0.01 min

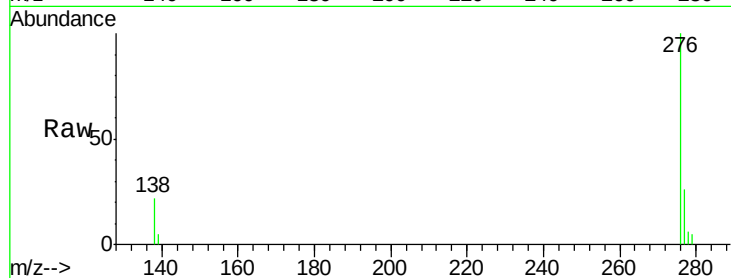
Lab File: BE095975.D

Acq: 11 Apr 2018 17:46

Instrument :

BNA_E

ClientSampleId :



Tot Ion:	276	Resp:	5443
Ion Ratio	Lower	Upper	
276	100		
277	26.0	16.0	24.0#
138	22.1	20.0	30.0

