

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041318\
 Data File : BE095990.D
 Acq On : 13 Apr 2018 10:50
 Operator : SJ/JU
 Sample : PB108058BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 13 14:43:39 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 14:42:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1333	0.40	ng	0.00
7) Naphthalene-d8	11.22	136	4861	0.40	ng	0.00
13) Acenaphthene-d10	14.97	164	2412	0.40	ng	0.00
19) Phenanthrene-d10	17.67	188	5396	0.40	ng	0.00
27) Chrysene-d12	21.78	240	6103	0.40	ng	0.00
34) Perylene-d12	24.38	264	6056	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.89	112	1379	0.33	ng	0.00
5) Phenol-d6	7.53	99	1793	0.32	ng	0.00
8) Nitrobenzene-d5	9.48	82	153	0.03	ng	-0.09
11) 2-Methylnaphthalene-d10	12.76	152	2183	0.28	ng	0.00
14) 2,4,6-Tribromophenol	16.44	330	266	0.23	ng	0.00
15) 2-Fluorobiphenyl	13.61	172	3394	0.33	ng	0.00
25) Fluoranthene-d10	19.66	212	20477	0.28	ng	0.00
29) Terphenyl-d14	20.22	244	3886	0.29	ng	0.00

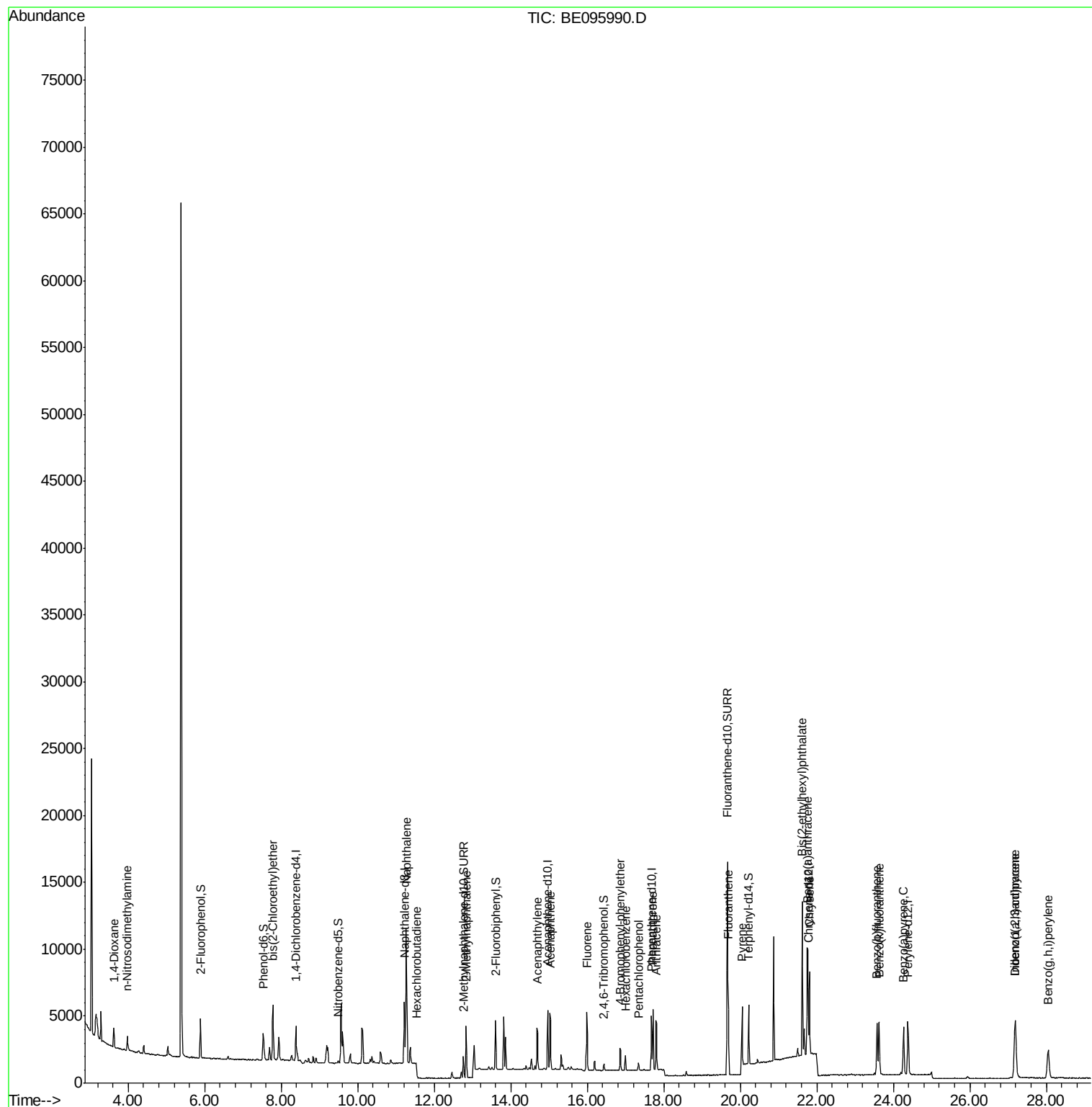
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.63	88	870	0.423	ng	# 80
3) n-Nitrosodimethylamine	3.98	42	810	0.321	ng	# 82
6) bis(2-Chloroethyl)ether	7.78	93	1434	0.286	ng	94
9) Naphthalene	11.27	128	15671	0.306	ng	99
10) Hexachlorobutadiene	11.53	225	592	0.261	ng	94
12) 2-Methylnaphthalene	12.83	142	2599	0.306	ng	94
16) Acenaphthylene	14.69	152	3741	0.290	ng	100
17) Acenaphthene	15.02	154	2233	0.289	ng	93
18) Fluorene	15.99	166	2874	0.300	ng	# 79
20) 4-Bromophenyl-phenylether	16.87	248	892	0.278	ng	# 83
21) Hexachlorobenzene	17.00	284	943	0.295	ng	# 82
22) Pentachlorophenol	17.33	266	292	0.334	ng	# 79
23) Phenanthrene	17.72	178	4588	0.303	ng	99
24) Anthracene	17.80	178	4447	0.307	ng	95
26) Fluoranthene	19.69	202	5841	0.293	ng	97
28) Pyrene	20.05	202	2755	0.229	ng	# 93
30) Benzo(a)anthracene	21.75	228	5946	0.304	ng	98
31) Chrysene	21.81	228	5784	0.306	ng	98
32) Bis(2-ethylhexyl)phthalate	21.62	149	13675	0.271	ng	99
33) Indeno(1,2,3-cd)pyrene	27.18	276	6275	0.342	ng	95
35) Benzo(b)fluoranthene	23.57	252	5939	0.327	ng	# 92
36) Benzo(k)fluoranthene	23.63	252	5793	0.310	ng	# 91
37) Benzo(a)pyrene	24.26	252	5576	0.319	ng	# 92
38) Dibenzo(a,h)anthracene	27.19	278	4996	0.325	ng	96
39) Benzo(g,h,i)perylene	28.04	276	5383	0.331	ng	# 93

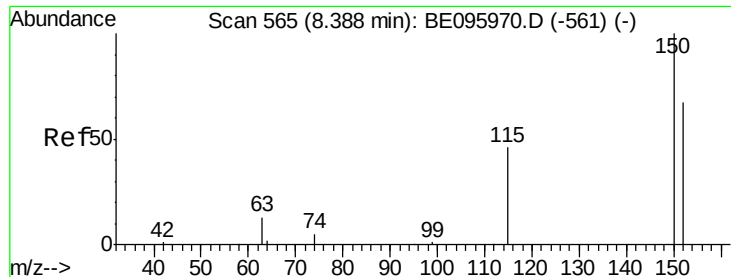
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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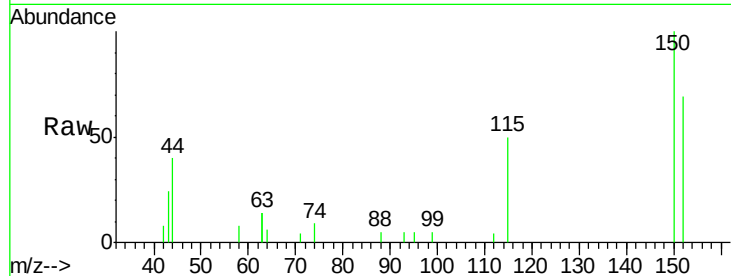


#1

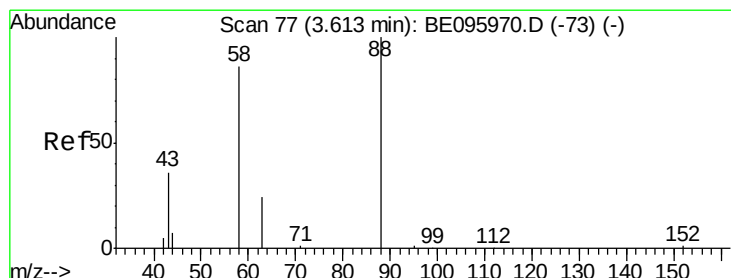
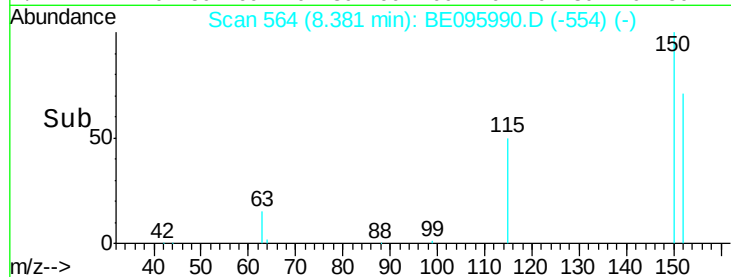
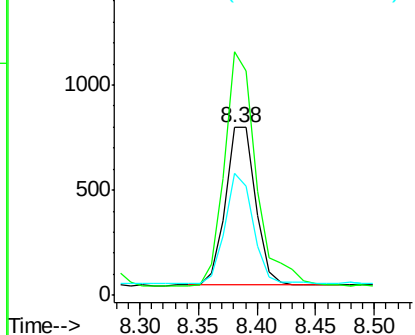
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.38 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BE095990.D
 Acq: 13 Apr 2018 10:50

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 1333
 Ion Ratio Lower Upper
 152 100
 150 145.1 117.2 175.8
 115 72.9 57.0 85.6



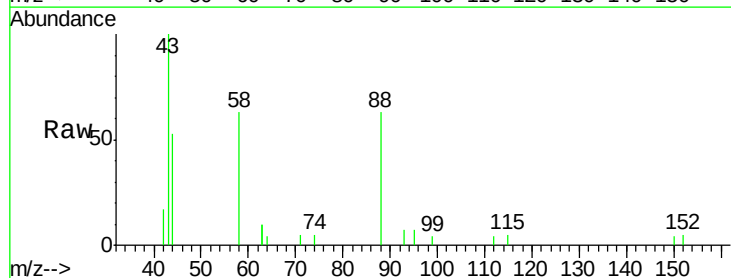
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



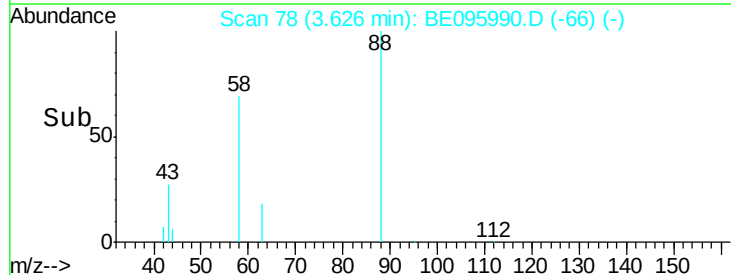
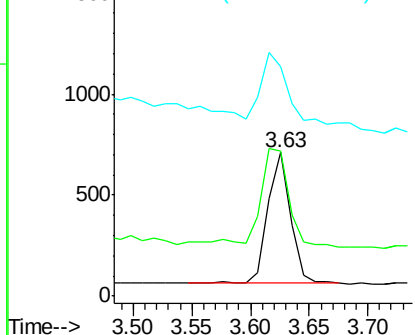
#2

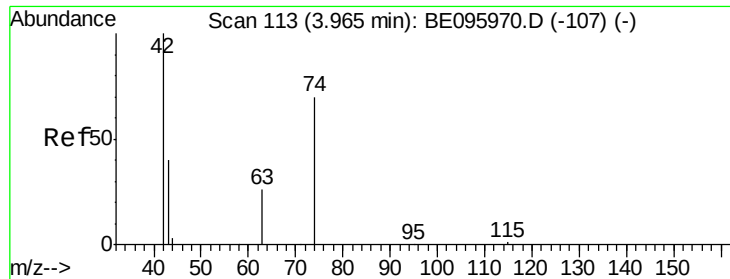
1,4-Dioxane
 Concen: 0.423 ng
 RT: 3.63 min Scan# 78
 Delta R.T. 0.01 min
 Lab File: BE095990.D
 Acq: 13 Apr 2018 10:50

Tgt Ion: 88 Resp: 870
 Ion Ratio Lower Upper
 88 100
 58 100.3 63.2 94.8#
 43 61.4 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

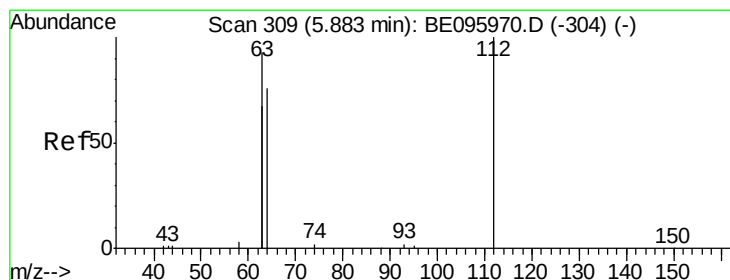
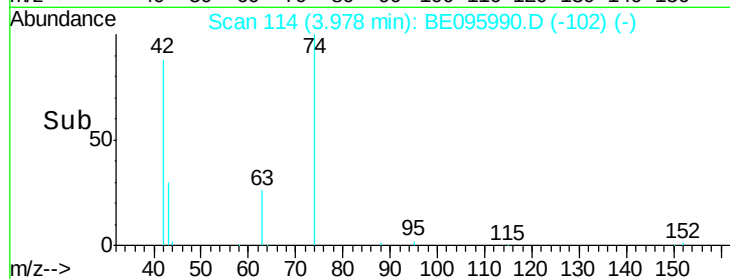
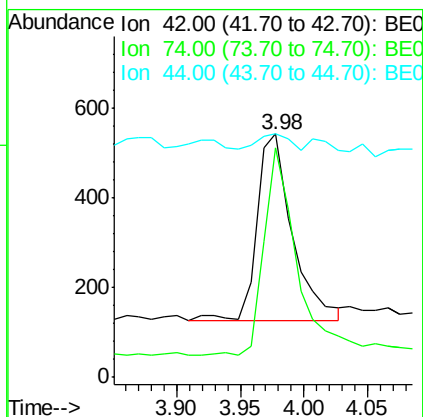
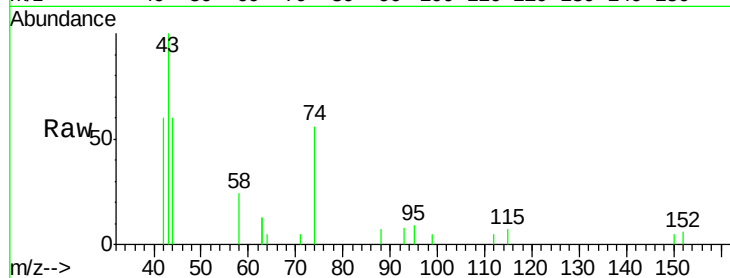




#3
 n-Nitrosodimethylamine
 Concen: 0.321 ng
 RT: 3.98 min Scan# 114
 Delta R.T. 0.01 min
 Lab File: BE095990.D
 Acq: 13 Apr 2018 10:50

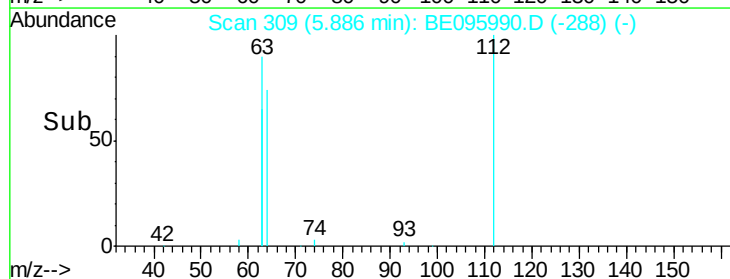
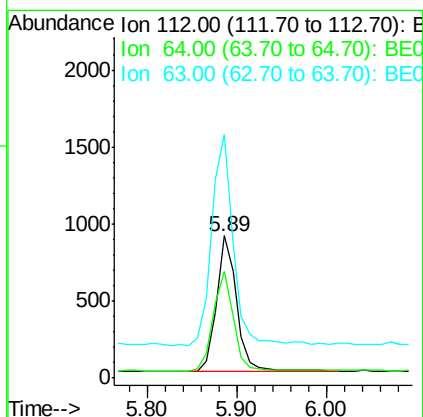
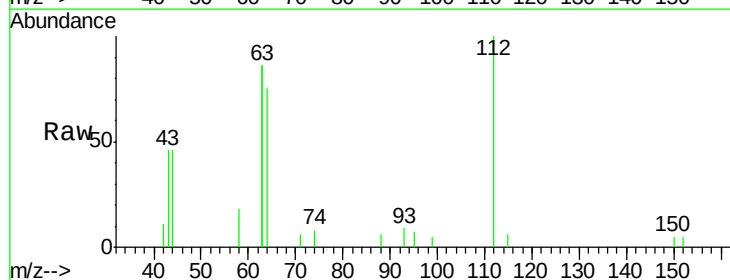
Instrument :
 BNA_E
 ClientSampleId :

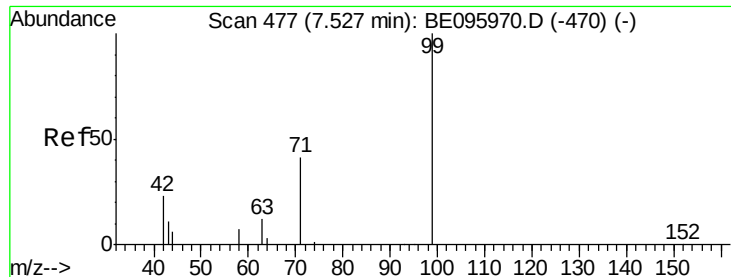
Tot Ion: 42 Resp: 810
 Ion Ratio Lower Upper
 42 100
 74 99.5 96.0 144.0
 44 7.3 12.0 18.0#



#4
 2-Fluorophenol
 Concen: 0.334 ng
 RT: 5.89 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: BE095990.D
 Acq: 13 Apr 2018 10:50

Tgt Ion: 112 Resp: 1379
 Ion Ratio Lower Upper
 112 100
 64 71.9 60.1 90.1
 63 161.7 116.8 175.2





#5

Phenol-d6

Concen: 0.315 ng

RT: 7.53 min Scan# 477

Delta R.T. 0.00 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

Instrument :

BNA_E

ClientSampled :

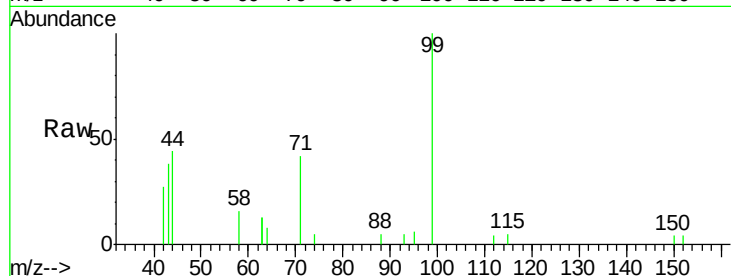
Tot Ion: 99 Resp: 1793

Ion Ratio Lower Upper

99 100

42 26.2 20.2 30.2

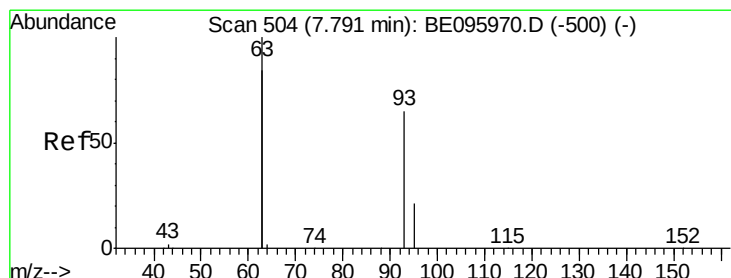
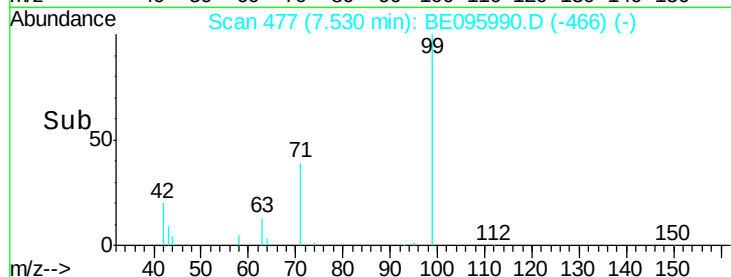
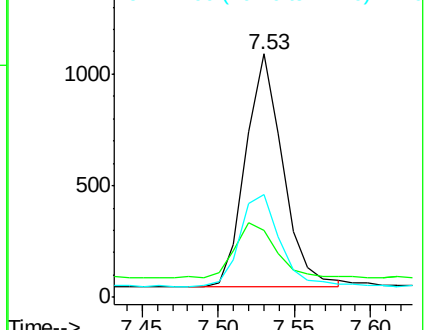
71 42.1 28.4 42.6



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: 0.286 ng

RT: 7.78 min Scan# 503

Delta R.T. 0.00 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

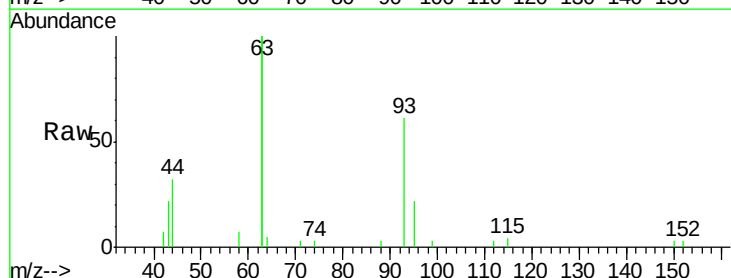
Tgt Ion: 93 Resp: 1434

Ion Ratio Lower Upper

93 100

63 329.3 275.3 412.9

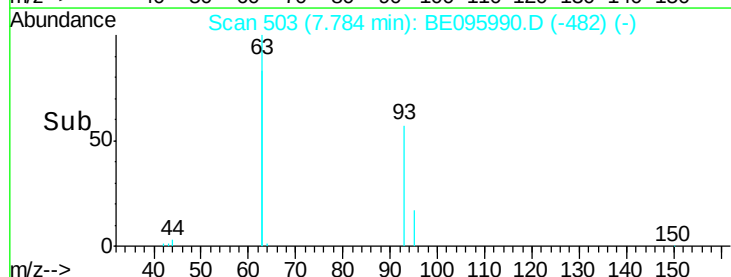
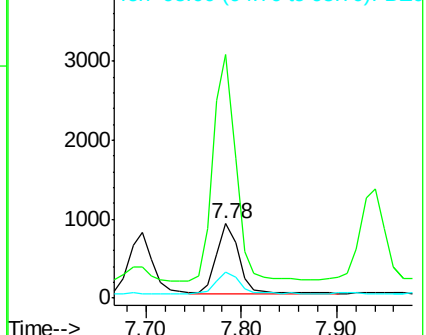
95 31.7 25.2 37.8

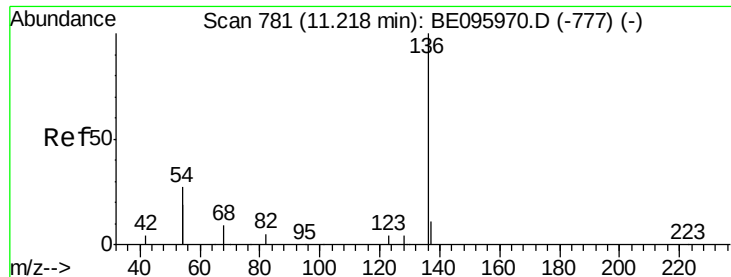


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE095990.D

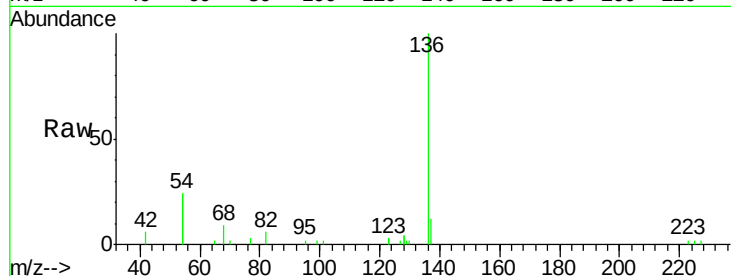
Acq: 13 Apr 2018 10:50

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	4861
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.5 14.3
54	47.8	29.1 43.7
68	8.6	6.2 9.2

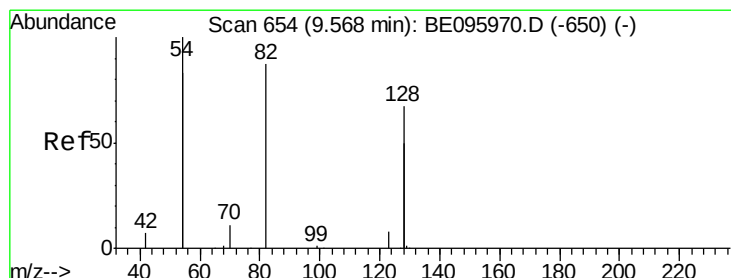
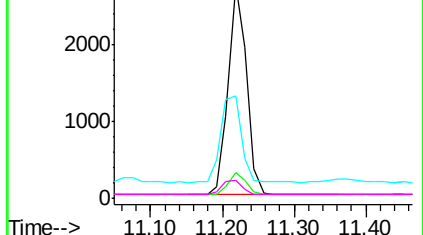
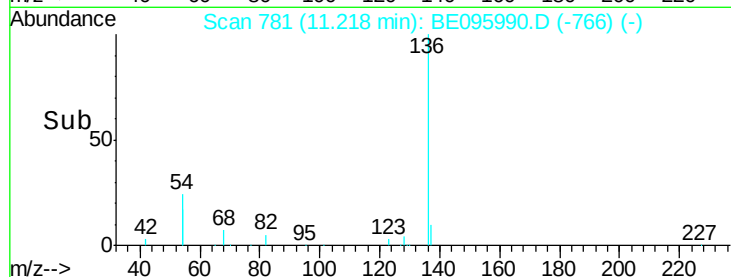


Abundance Ion 136.00 (135.70 to 136.70): E

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

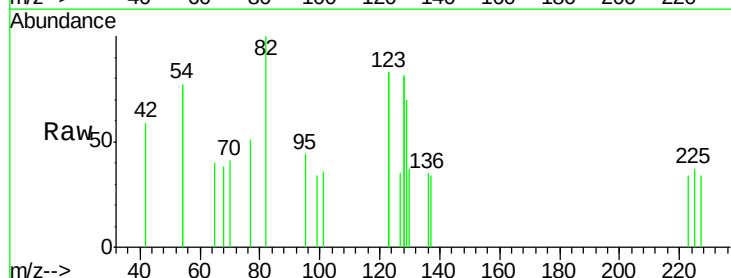
RT: 9.48 min Scan# 647

Delta R.T. -0.09 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

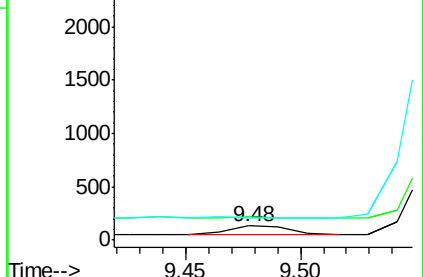
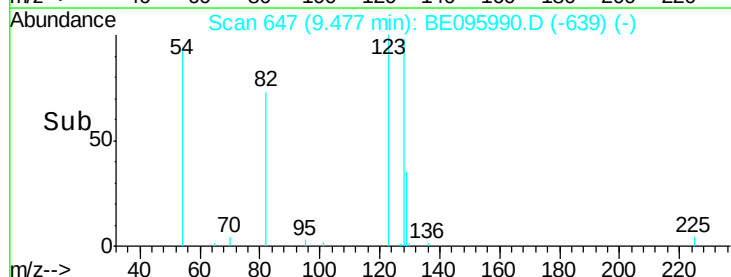
Tgt Ion: 82	Resp:	153
Ion Ratio	Lower	Upper
82	100	
128	162.4	150.0 225.0
54	154.9	154.2 231.4

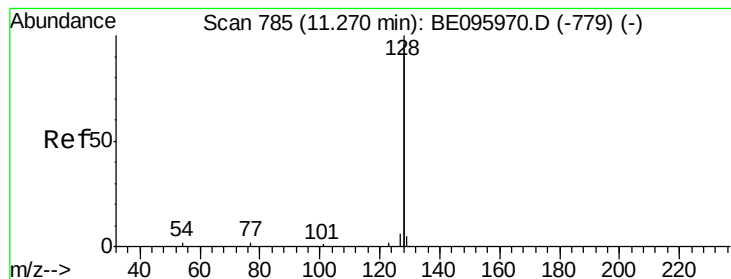


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.306 ng

RT: 11.27 min Scan# 785

Delta R.T. -0.00 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

Instrument :

BNA_E

ClientSampleId :

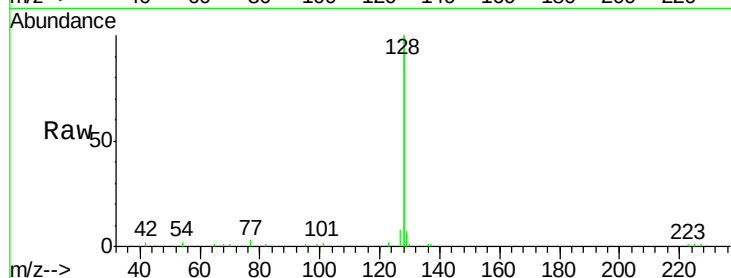
Tot Ion:128 Resp: 15671

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

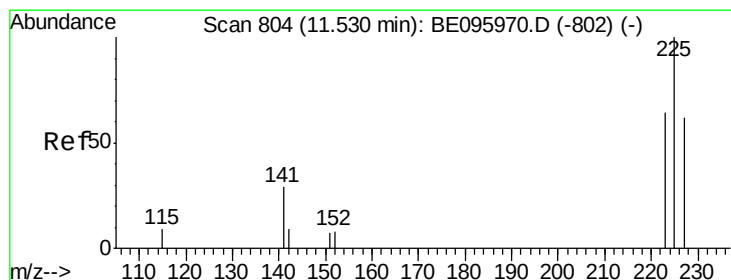
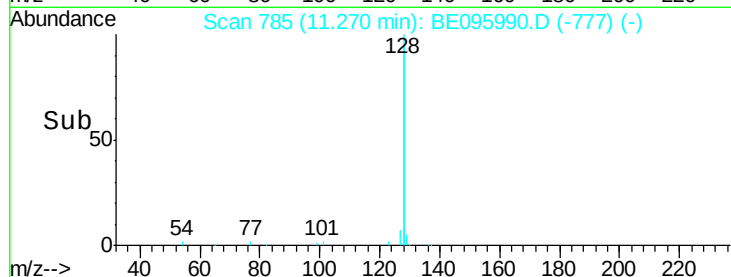
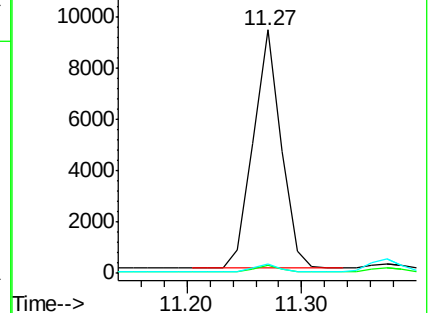
127 3.9 2.8 4.2



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: 0.261 ng

RT: 11.53 min Scan# 804

Delta R.T. -0.00 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

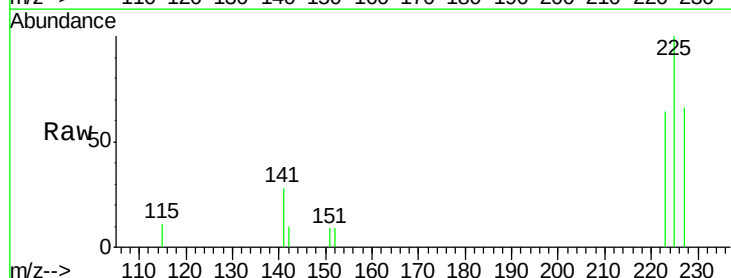
Tgt Ion:225 Resp: 592

Ion Ratio Lower Upper

225 100

223 61.8 53.0 79.6

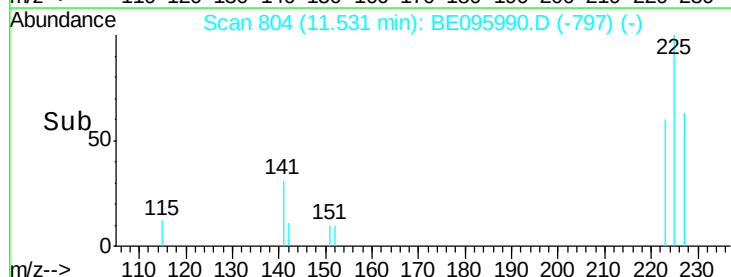
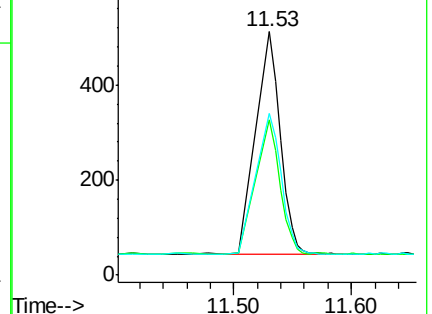
227 58.8 51.4 77.2

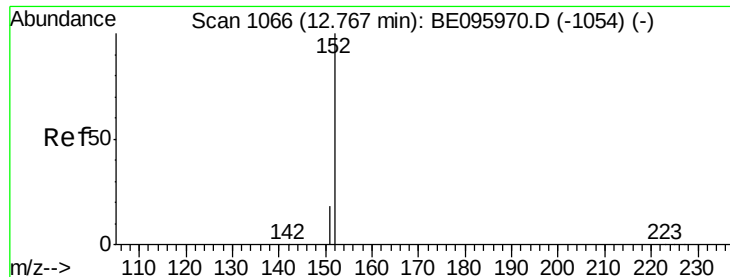


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.283 ng

RT: 12.76 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

Instrument :

BNA_E

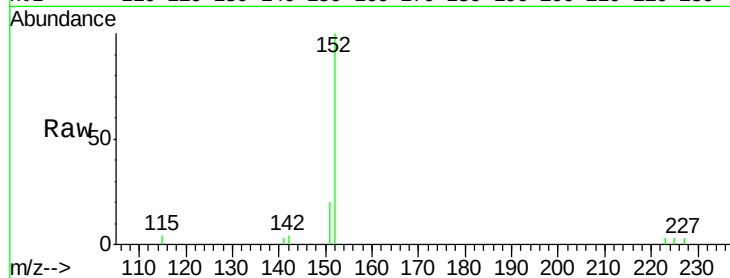
ClientSampleId :

Tot Ion:152 Resp: 2183

Ion Ratio Lower Upper

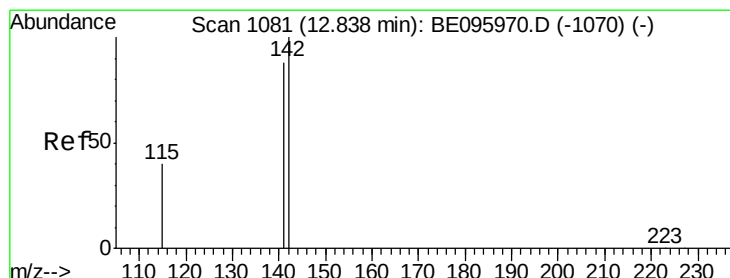
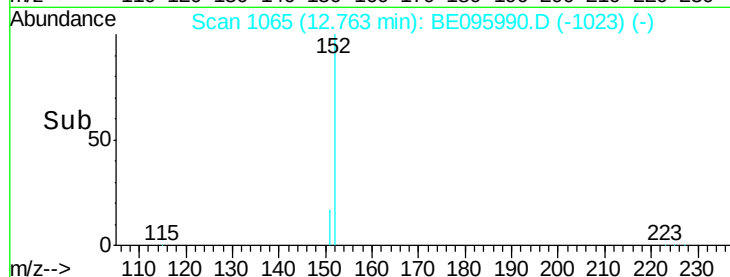
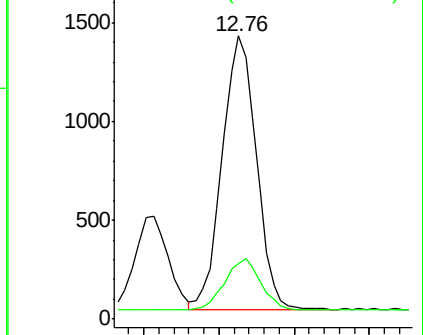
152 100

151 19.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.306 ng

RT: 12.83 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

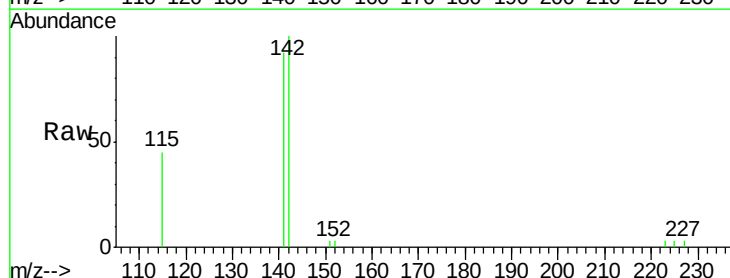
Tgt Ion:142 Resp: 2599

Ion Ratio Lower Upper

142 100

141 92.0 70.4 105.6

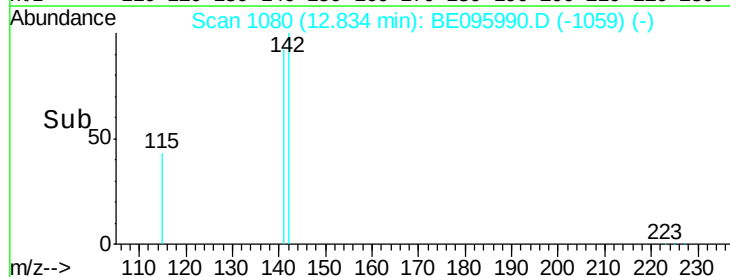
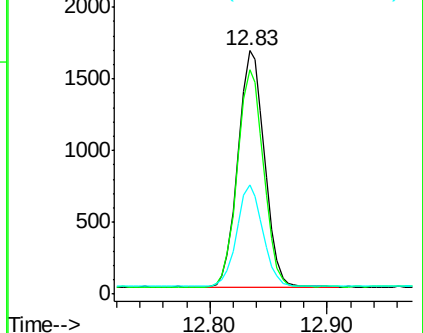
115 44.7 31.7 47.5

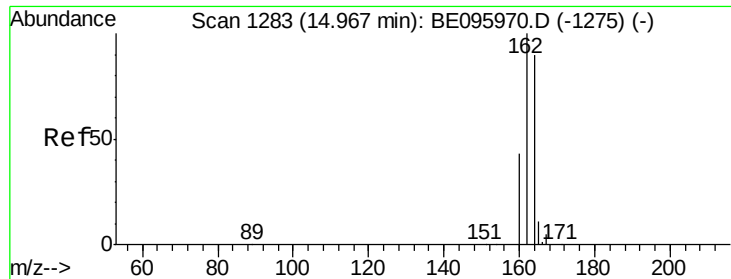


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.97 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

Instrument :

BNA_E

ClientSampled :

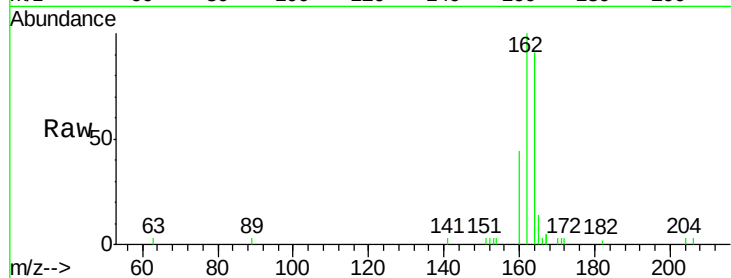
Tot Ion:164 Resp: 2412

Ion Ratio Lower Upper

164 100

162 110.0 83.1 124.7

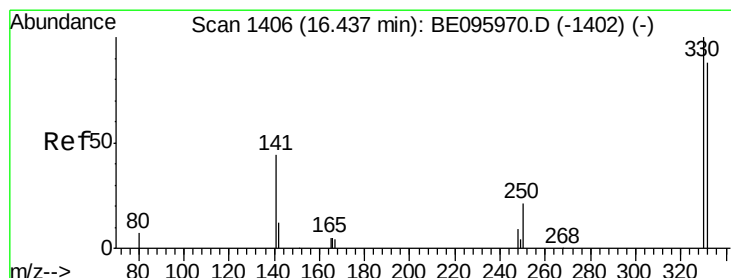
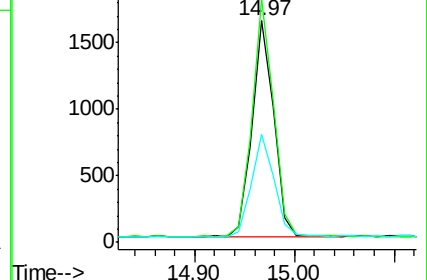
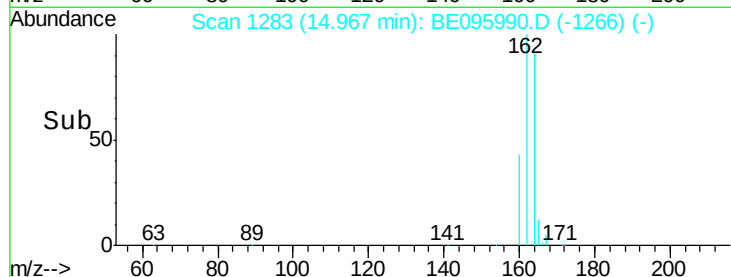
160 48.5 37.1 55.7



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: 0.228 ng

RT: 16.44 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

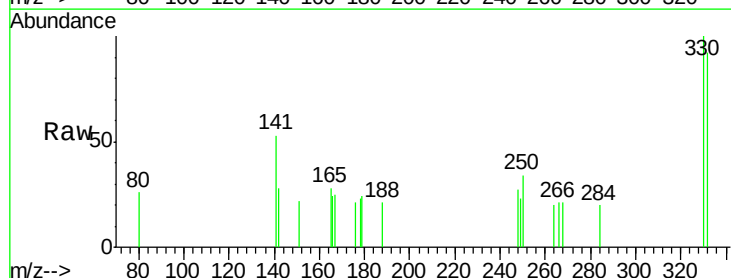
Tgt Ion:330 Resp: 266

Ion Ratio Lower Upper

330 100

332 95.5 152.7 229.1#

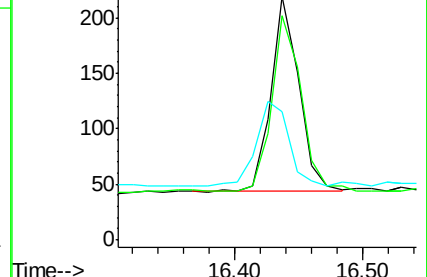
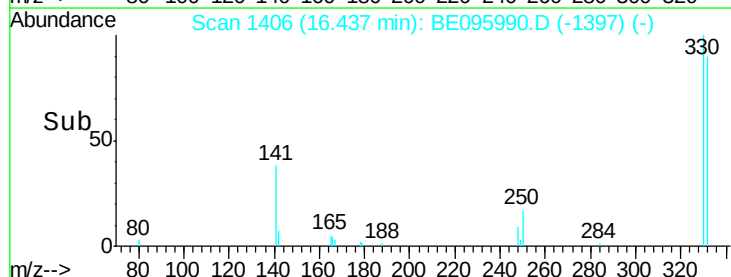
141 51.5 33.7 50.5#

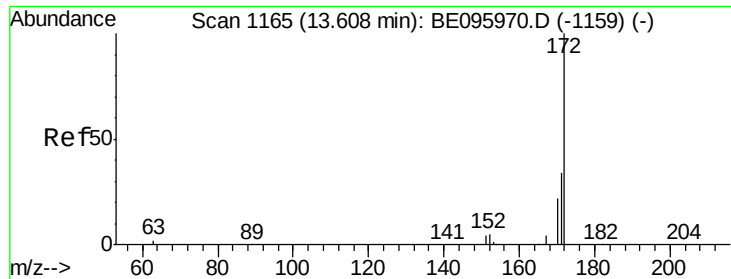


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

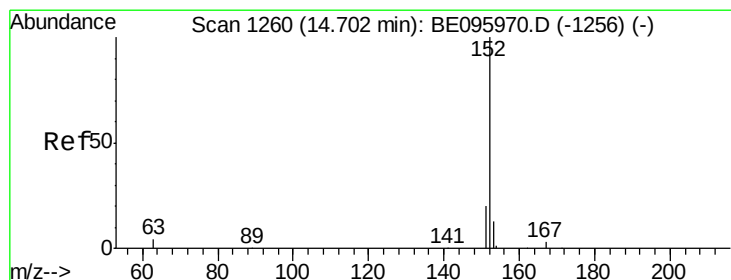
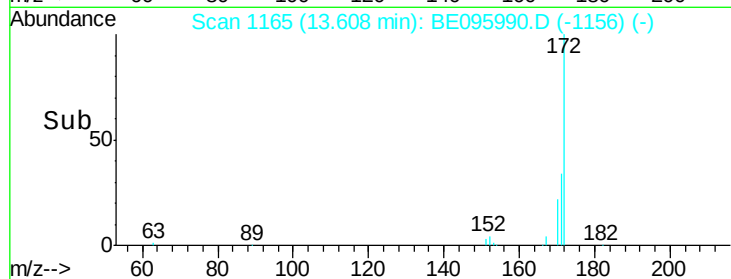
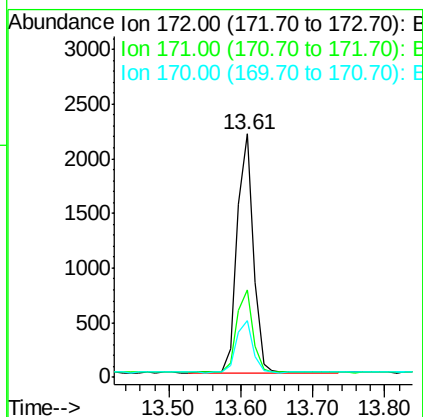
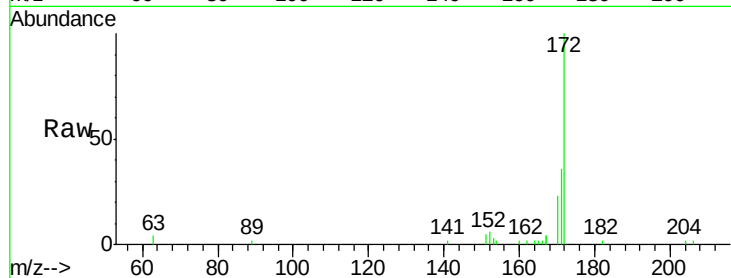




#15
2-Fluorobiphenyl
Concen: 0.329 ng
RT: 13.61 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BE095990.D
Acq: 13 Apr 2018 10:50

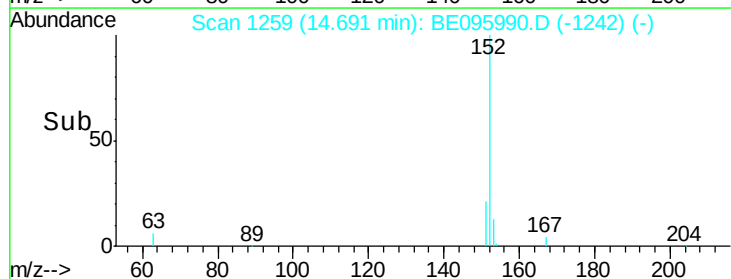
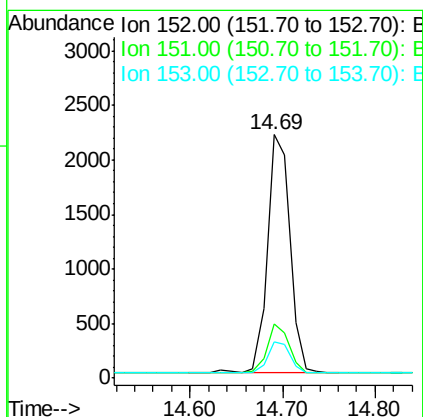
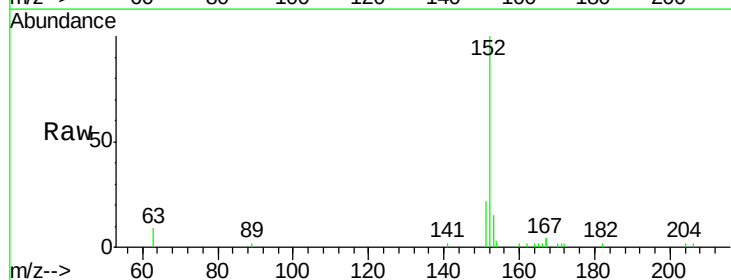
Instrument :
BNA_E
ClientSampleId :

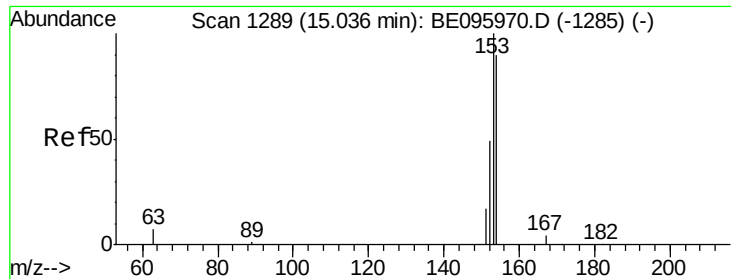
Tot Ion:172 Resp: 3394
Ion Ratio Lower Upper
172 100
171 35.7 29.9 44.9
170 23.2 21.8 32.8



#16
Acenaphthylene
Concen: 0.290 ng
RT: 14.69 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BE095990.D
Acq: 13 Apr 2018 10:50

Tgt Ion:152 Resp: 3741
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.289 ng

RT: 15.02 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

Instrument :

BNA_E

ClientSampleId :

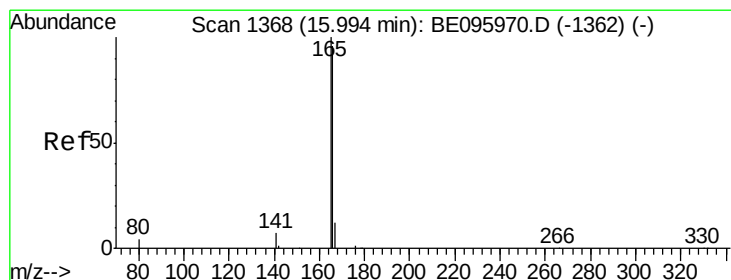
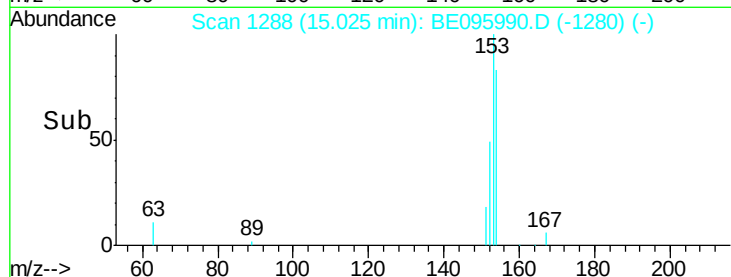
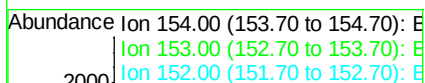
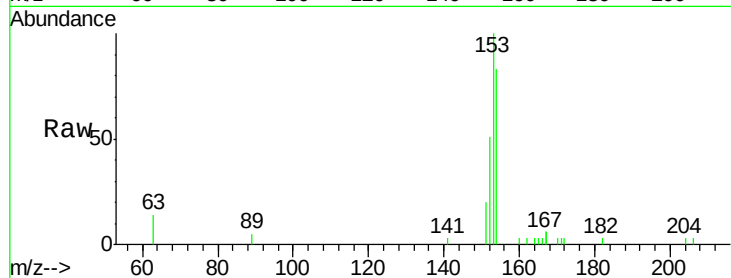
Tot Ion:154 Resp: 2233

Ion Ratio Lower Upper

154 100

153 118.0 89.2 133.8

152 57.9 42.0 63.0



#18

Fluorene

Concen: 0.300 ng

RT: 15.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

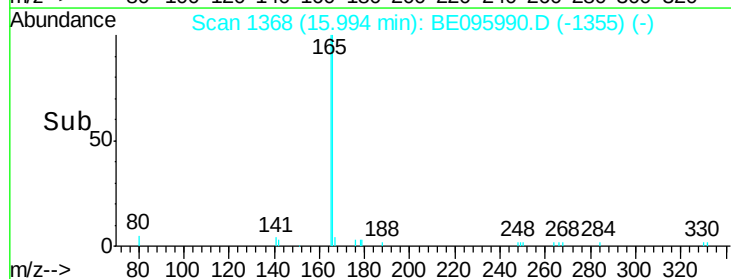
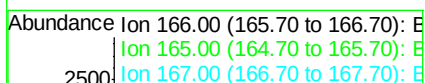
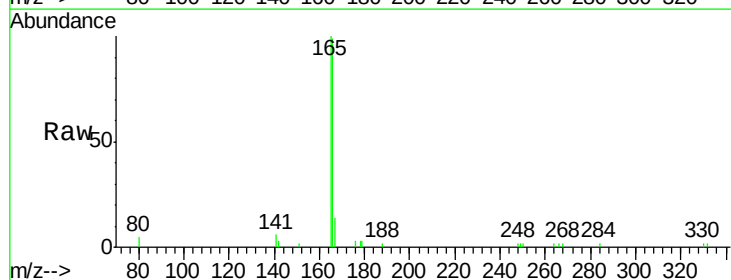
Tgt Ion:166 Resp: 2874

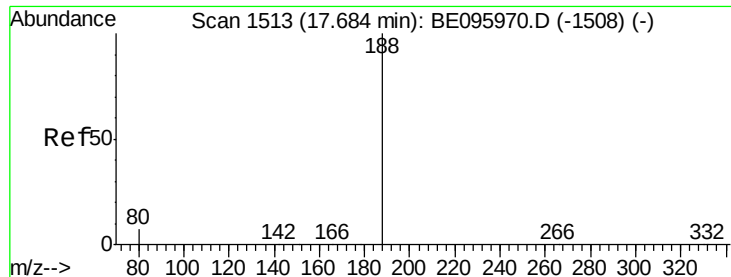
Ion Ratio Lower Upper

166 100

165 99.4 77.8 116.6

167 12.9 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.67 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

Instrument :

BNA_E

ClientSampleId :

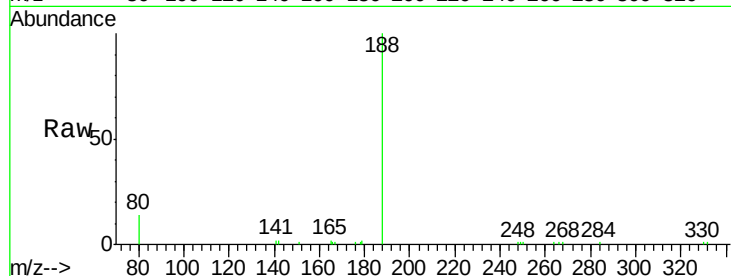
Tot Ion:188 Resp: 5396

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

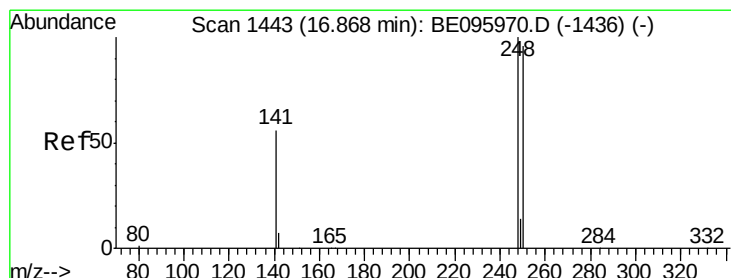
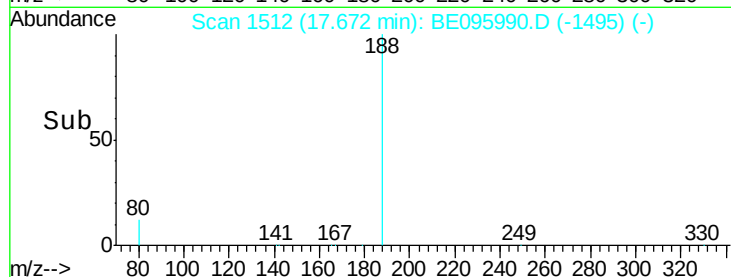
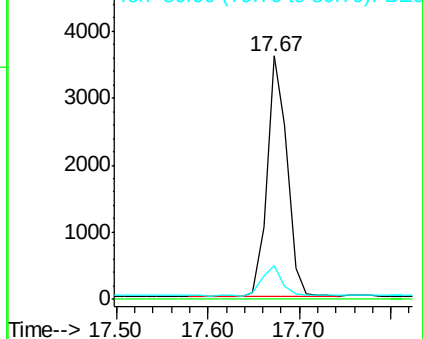
80 13.7 3.6 5.4#



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# 1443

Delta R.T. -0.00 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

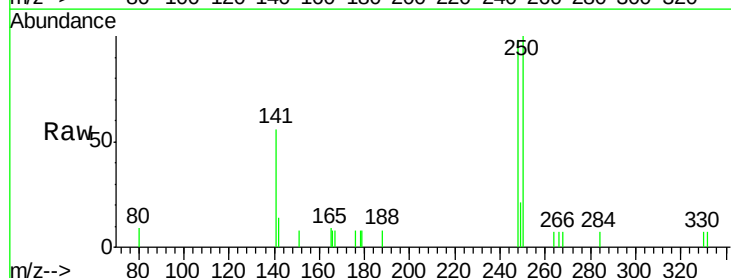
Tgt Ion:248 Resp: 892

Ion Ratio Lower Upper

248 100

250 102.1 62.7 94.1#

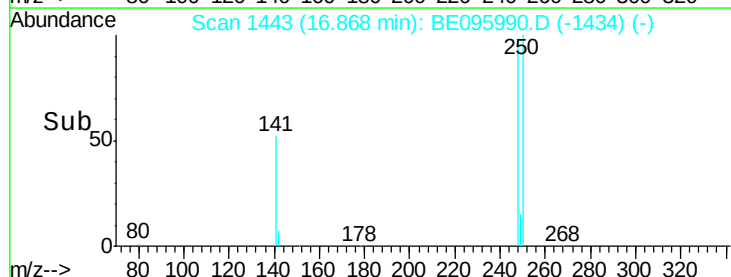
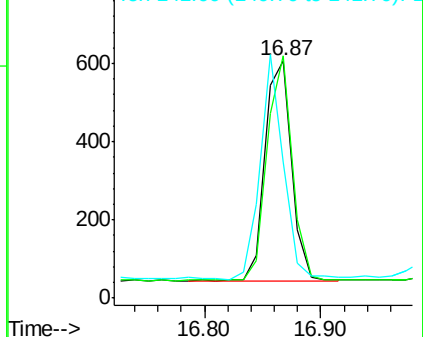
141 57.2 48.2 72.2

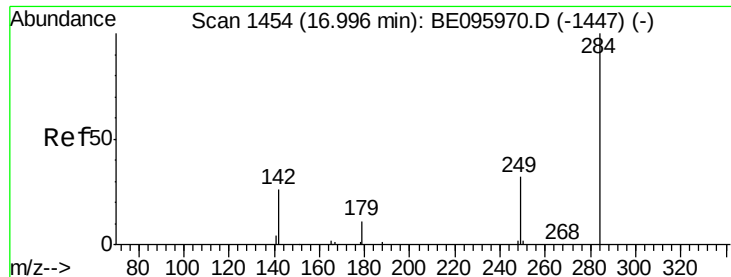


Abundance Ion 248.00 (247.70 to 248.70): E

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: 17.00 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

Instrument :

BNA_E

ClientSampleId :

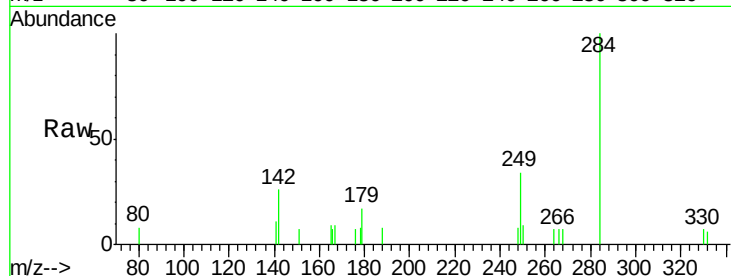
Tot Ion:284 Resp: 943

Ion Ratio Lower Upper

284 100

142 40.2 22.1 33.1#

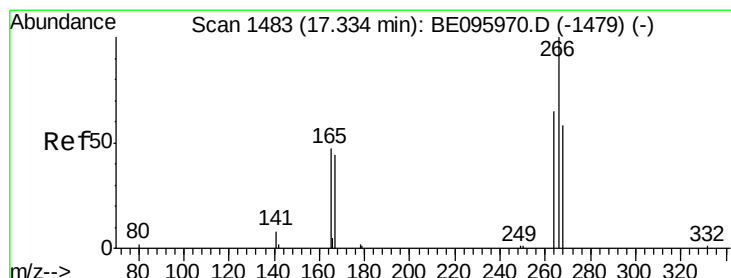
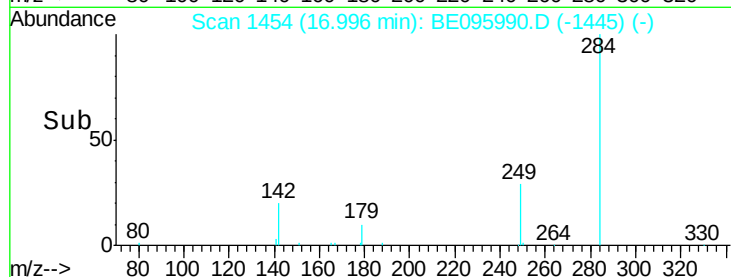
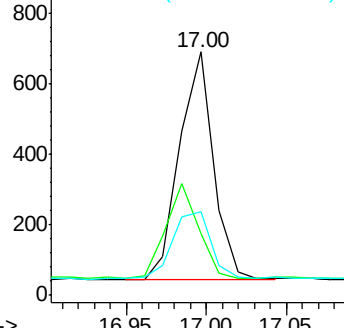
249 34.9 34.8 52.2



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: 0.334 ng

RT: 17.33 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

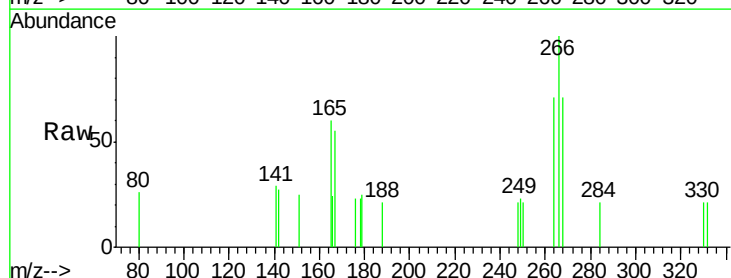
Tgt Ion:266 Resp: 292

Ion Ratio Lower Upper

266 100

264 71.5 72.5 108.7#

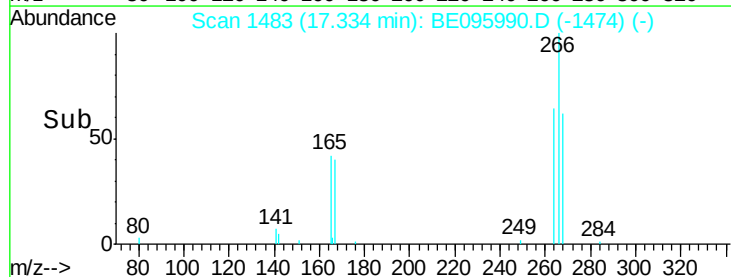
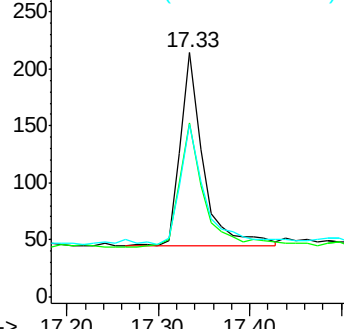
268 70.6 73.8 110.6#

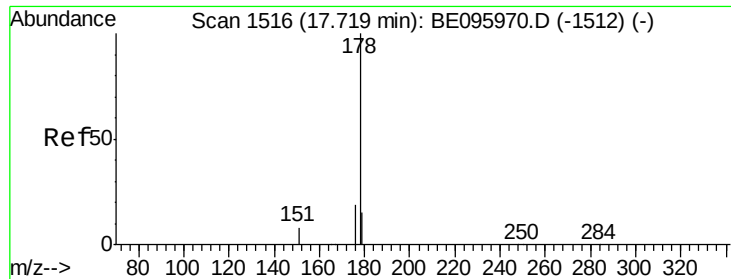


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.303 ng

RT: 17.72 min Scan# 1516

Delta R.T. -0.00 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

Instrument :

BNA_E

ClientSampleId :

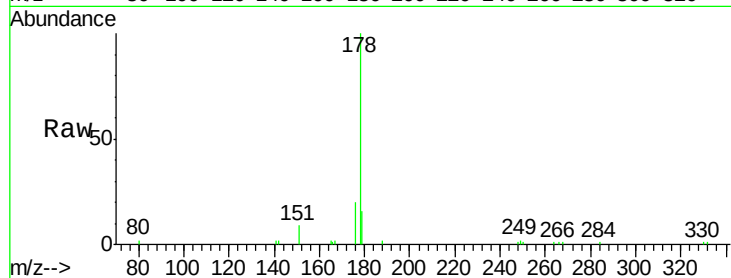
Tot Ion:178 Resp: 4588

Ion Ratio Lower Upper

178 100

176 19.8 15.1 22.7

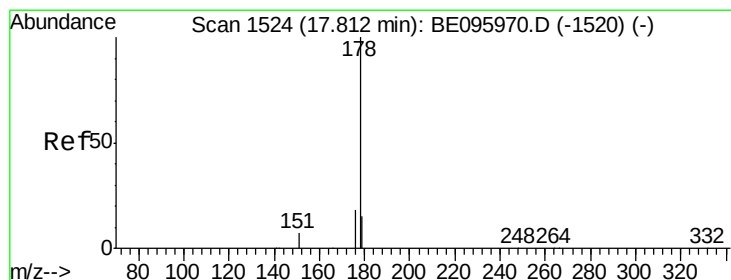
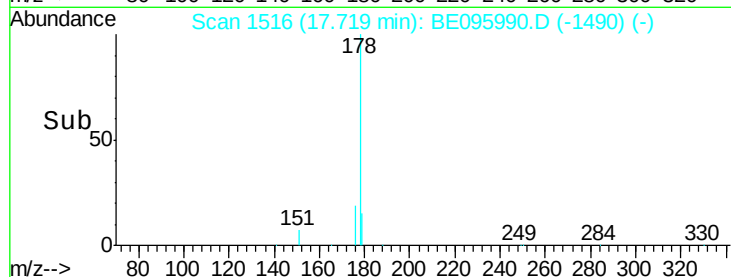
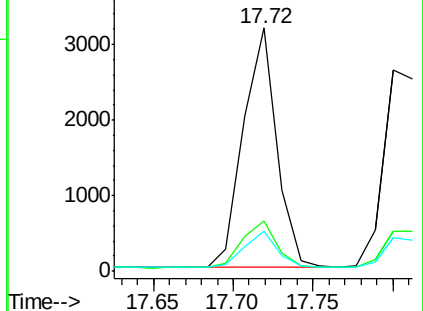
179 14.9 11.8 17.6



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: 0.307 ng

RT: 17.80 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

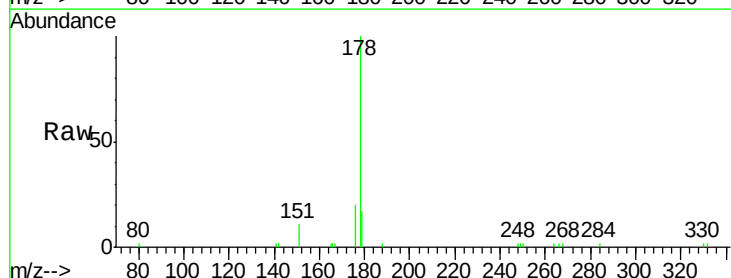
Tgt Ion:178 Resp: 4447

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

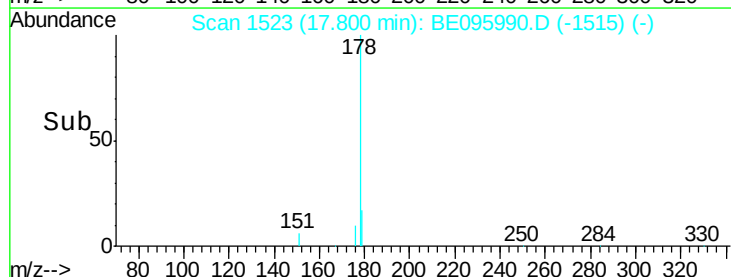
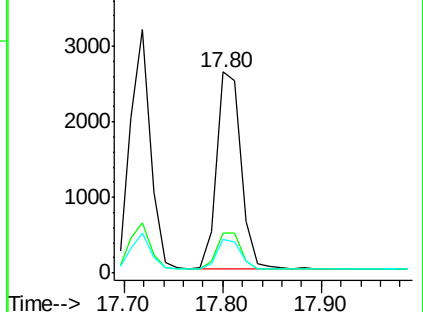
179 14.7 13.0 19.6

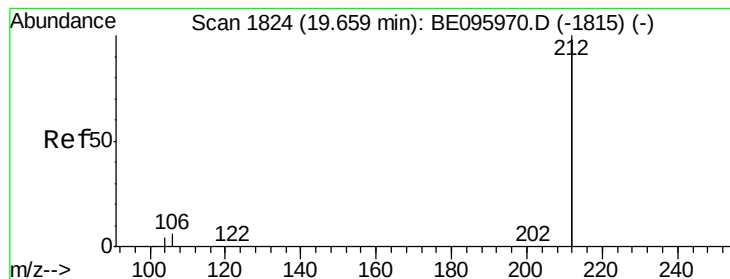


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.280 ng

RT: 19.66 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

Instrument :

BNA_E

ClientSampleId :

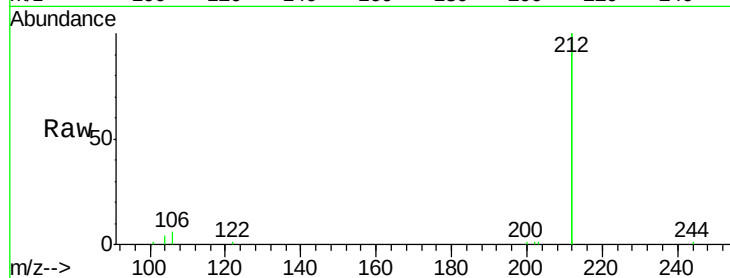
Tot Ion:212 Resp: 20477

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

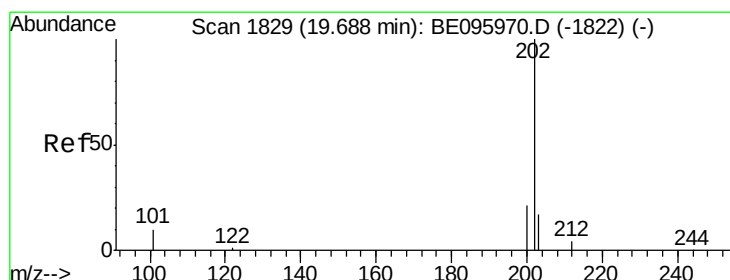
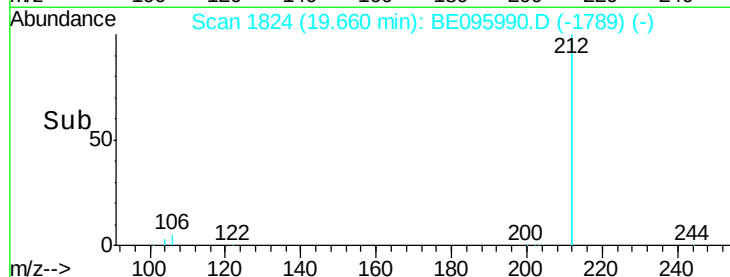
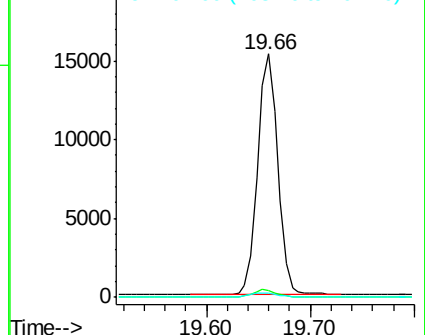
104 1.7 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.293 ng

RT: 19.69 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

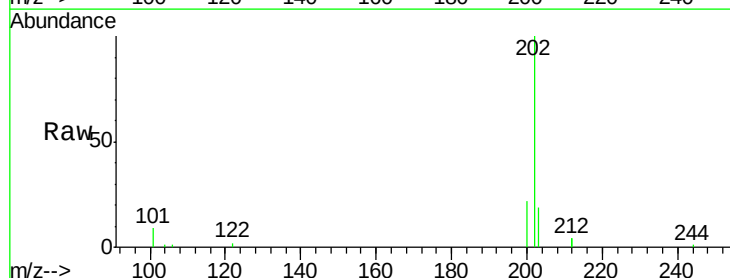
Tgt Ion:202 Resp: 5841

Ion Ratio Lower Upper

202 100

101 10.1 9.8 14.8

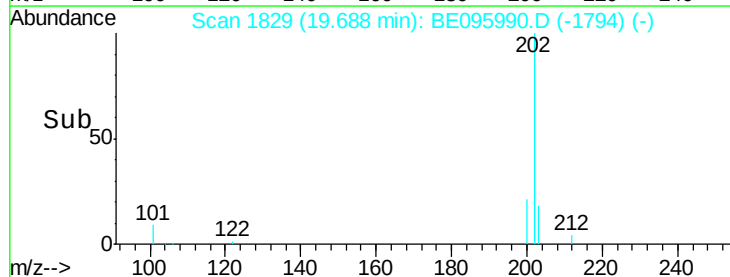
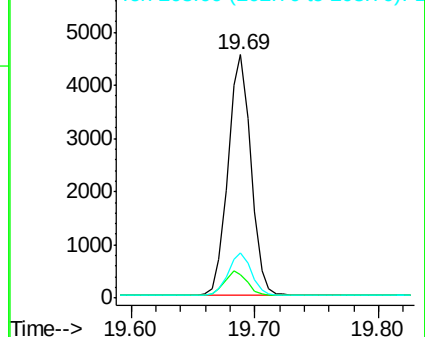
203 17.5 13.7 20.5

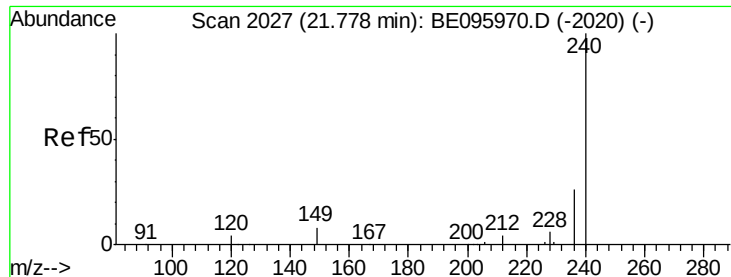


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.78 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

Instrument :

BNA_E

ClientSampled :

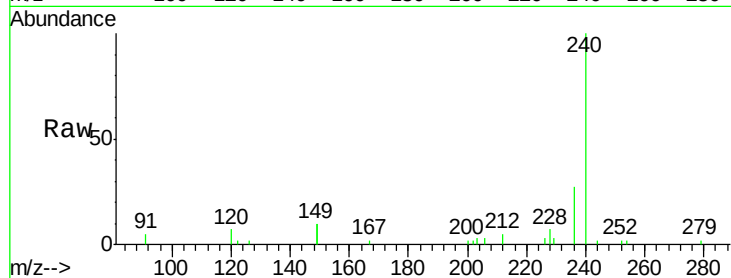
Tot Ion:240 Resp: 6103

Ion Ratio Lower Upper

240 100

120 6.8 5.5 8.3

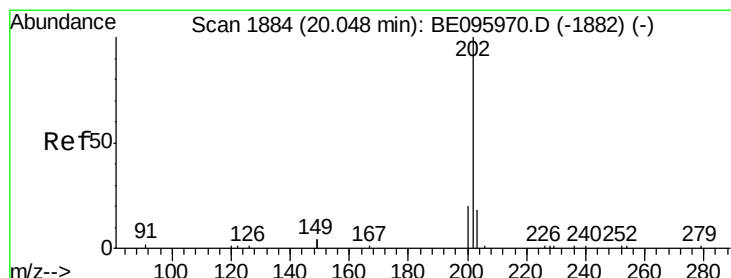
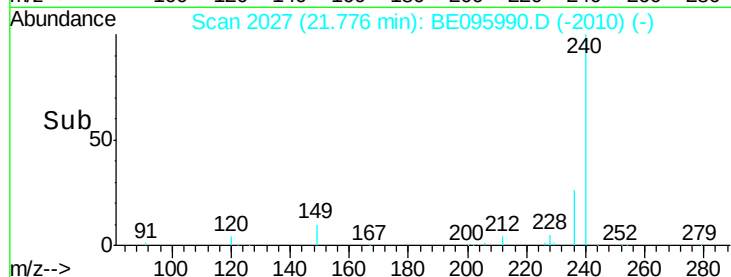
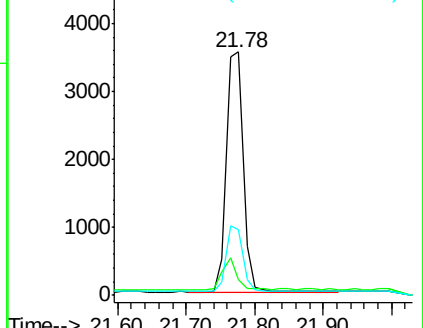
236 26.9 20.7 31.1



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: 0.229 ng

RT: 20.05 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

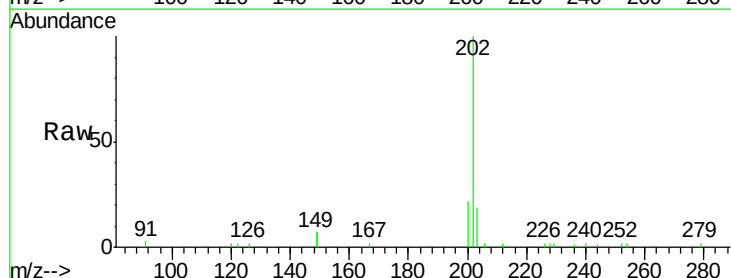
Tgt Ion:202 Resp: 2755

Ion Ratio Lower Upper

202 100

200 25.0 16.6 25.0#

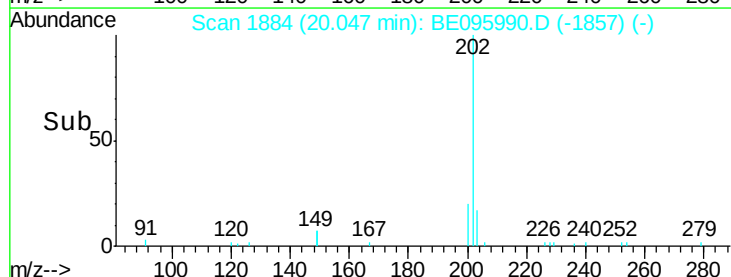
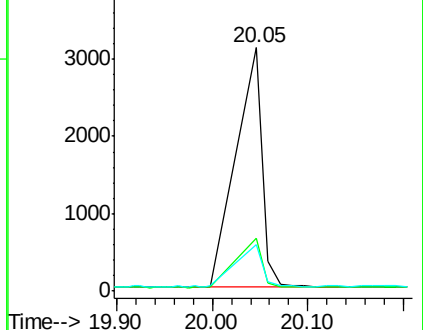
203 19.2 13.8 20.8

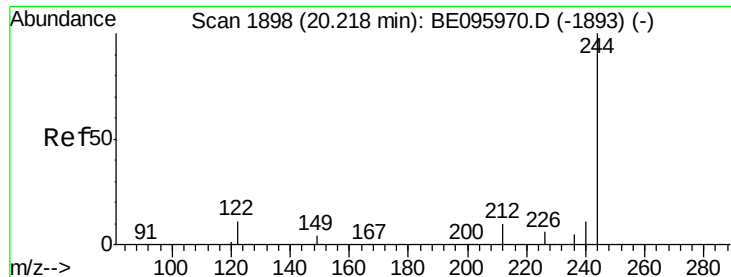


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.288 ng

RT: 20.22 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

Instrument :

BNA_E

ClientSampleId :

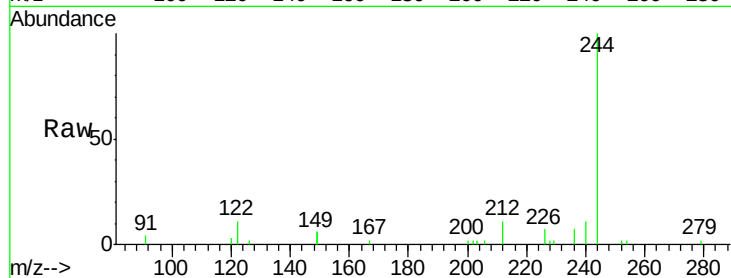
Tot Ion:244 Resp: 3886

Ion Ratio Lower Upper

244 100

212 11.3 25.4 38.0#

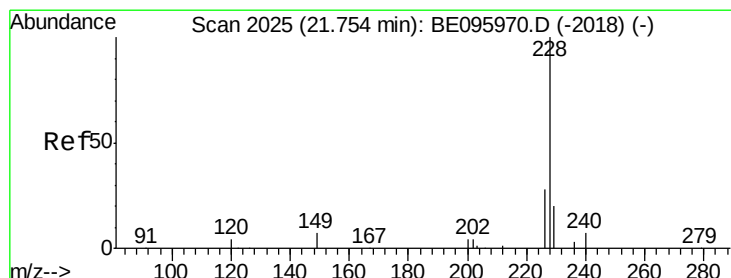
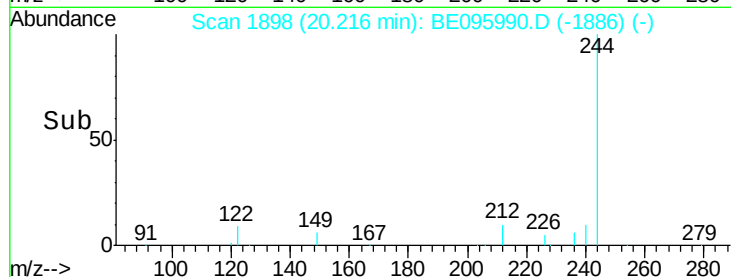
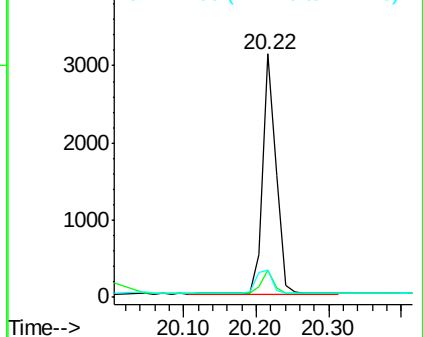
122 11.1 8.1 12.1



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: 0.304 ng

RT: 21.75 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

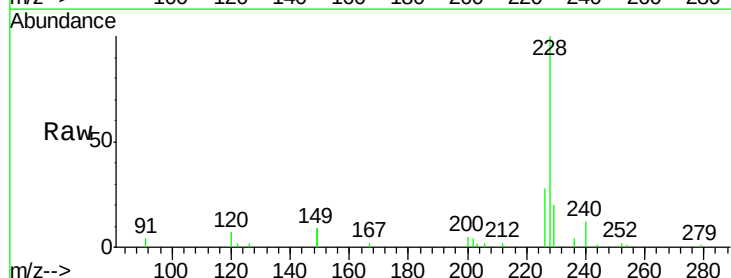
Tgt Ion:228 Resp: 5946

Ion Ratio Lower Upper

228 100

226 28.0 24.0 36.0

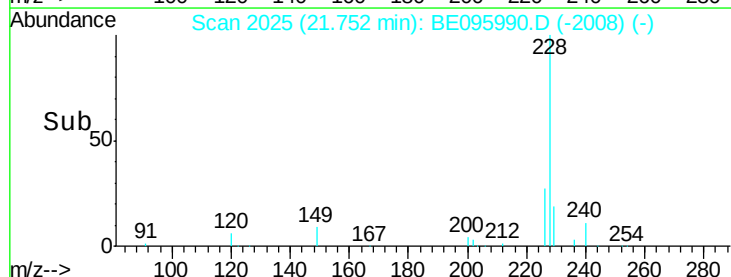
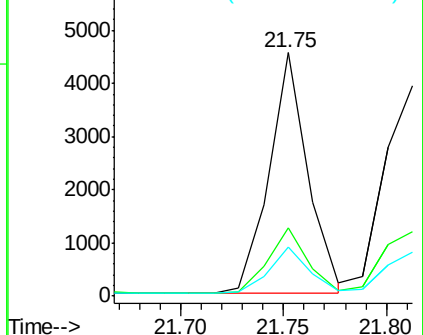
229 20.1 16.0 24.0

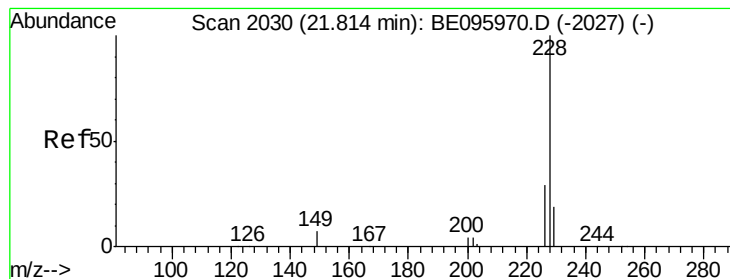


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.306 ng

RT: 21.81 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

Instrument :

BNA_E

ClientSampleId :

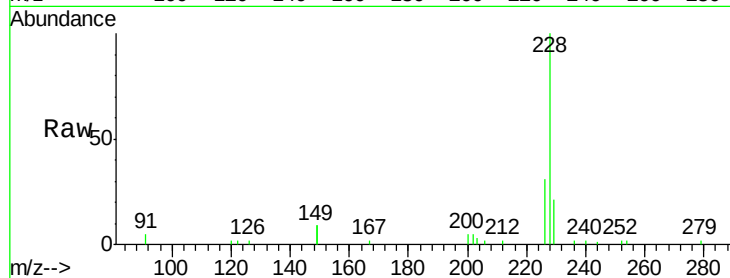
Tot Ion:228 Resp: 5784

Ion Ratio Lower Upper

228 100

226 30.7 24.0 36.0

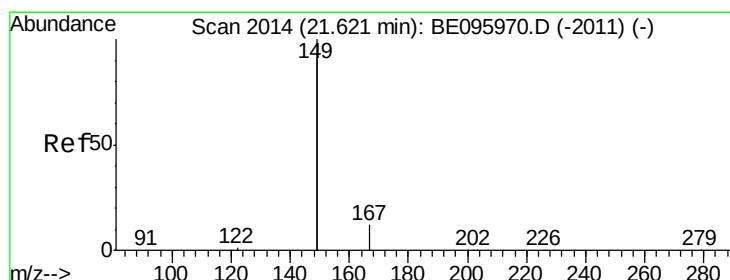
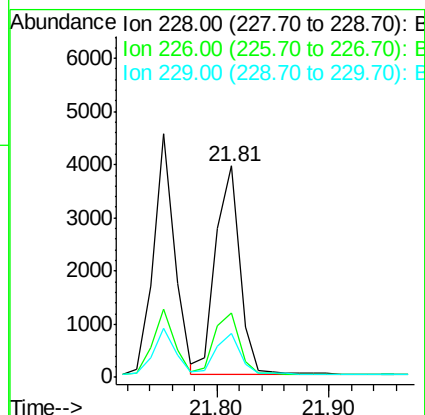
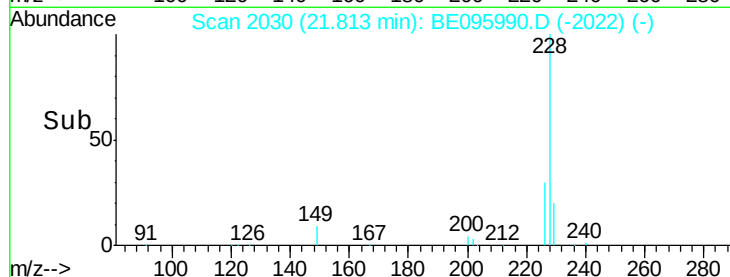
229 21.1 16.0 24.0



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: 0.271 ng

RT: 21.62 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

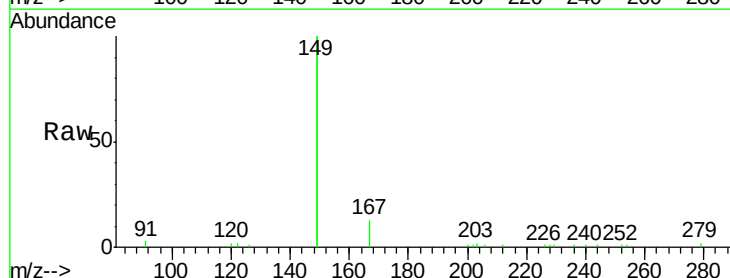
Tgt Ion:149 Resp: 13675

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

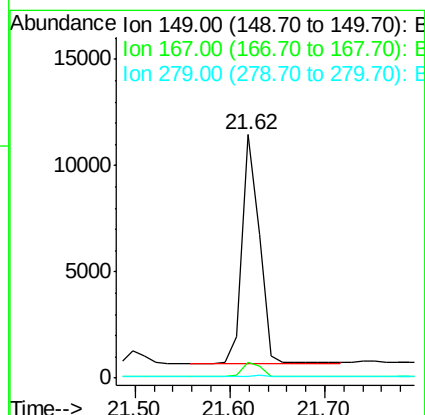
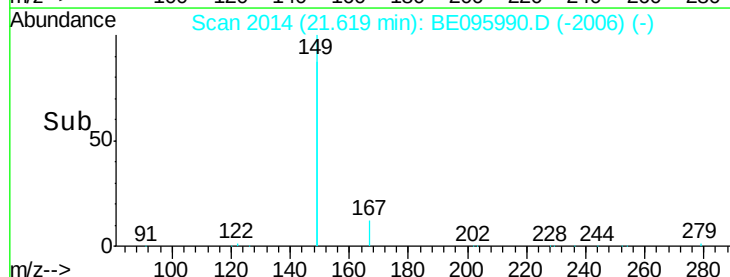
279 0.9 0.7 1.1

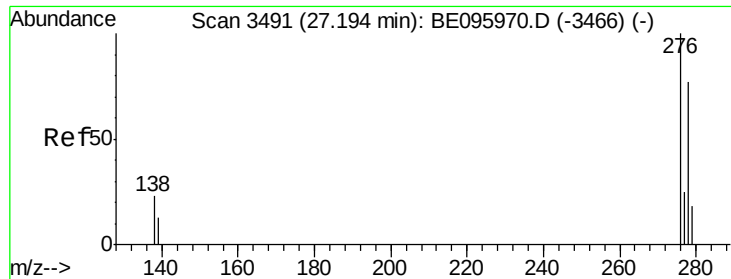


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

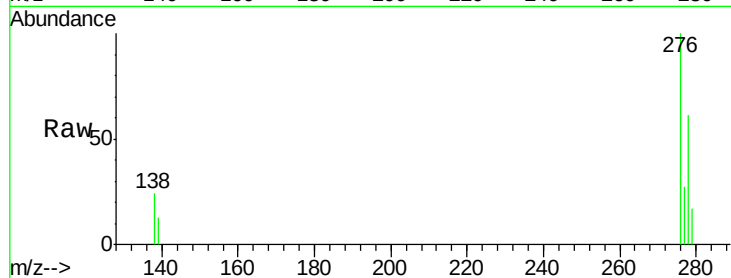




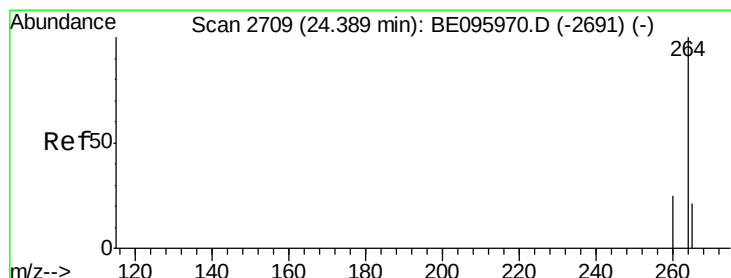
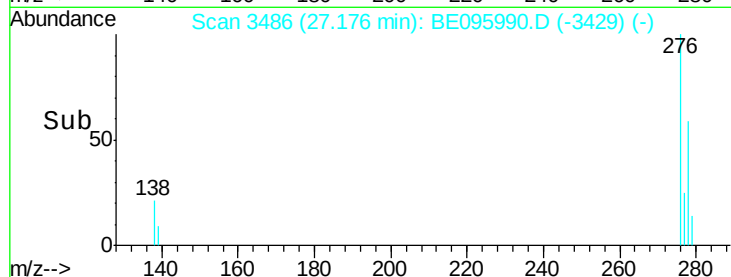
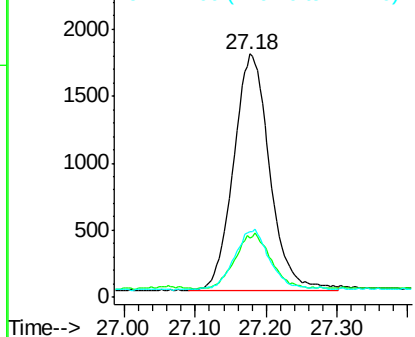
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.342 ng
RT: 27.18 min Scan# 3486
Delta R.T. 0.00 min
Lab File: BE095990.D
Acq: 13 Apr 2018 10:50

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 6275
Ion Ratio Lower Upper
276 100
138 23.0 22.5 33.7
277 24.6 19.9 29.9

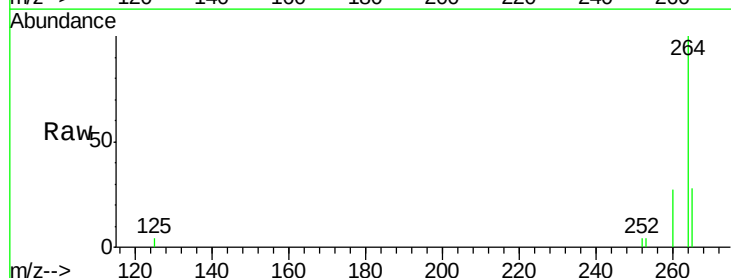


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

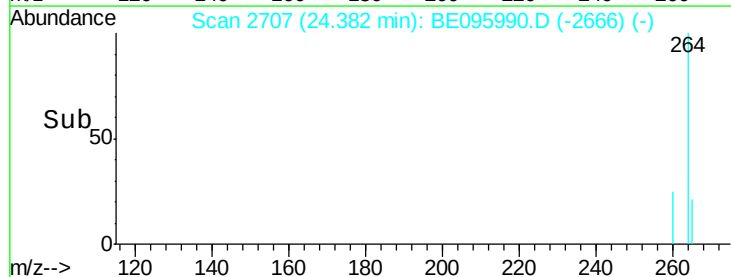
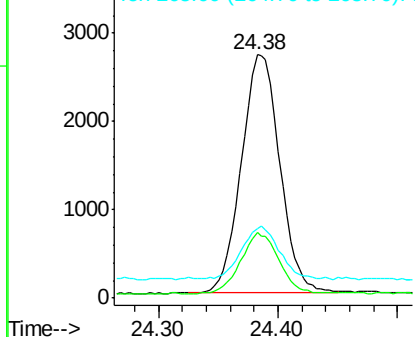


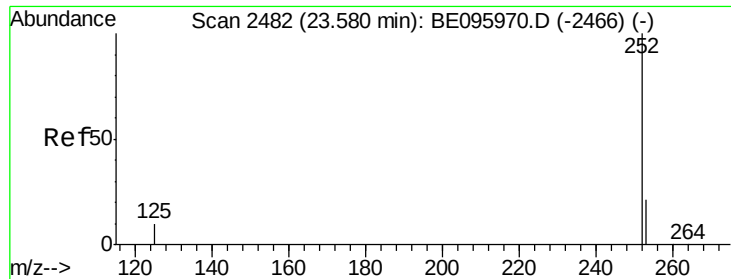
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.38 min Scan# 2707
Delta R.T. -0.00 min
Lab File: BE095990.D
Acq: 13 Apr 2018 10:50

Tgt Ion:264 Resp: 6056
Ion Ratio Lower Upper
264 100
260 26.8 20.5 30.7
265 28.4 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: 0.327 ng

RT: 23.57 min Scan# 2480

Delta R.T. -0.00 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

Instrument :

BNA_E

ClientSampleId :

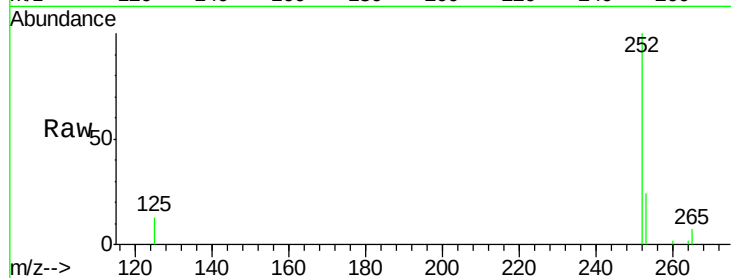
Tot Ion:252 Resp: 5939

Ion Ratio Lower Upper

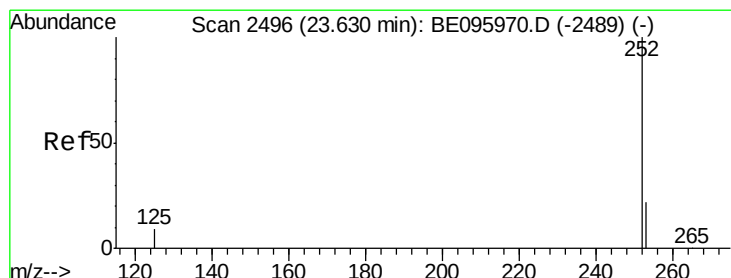
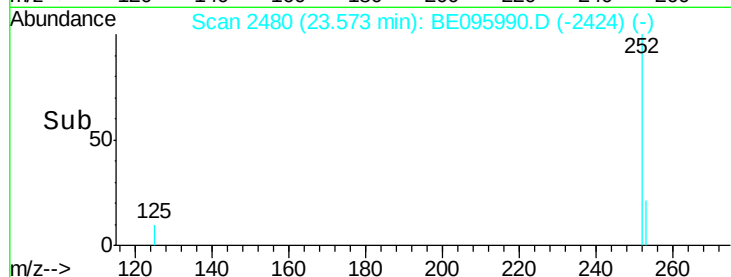
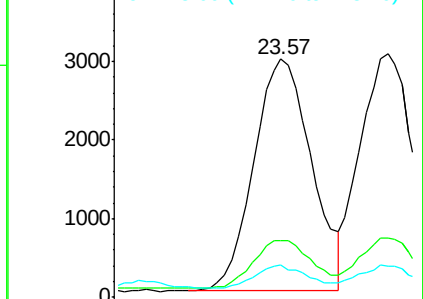
252 100

253 23.9 20.0 30.0

125 13.5 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: 0.310 ng

RT: 23.63 min Scan# 2495

Delta R.T. -0.00 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

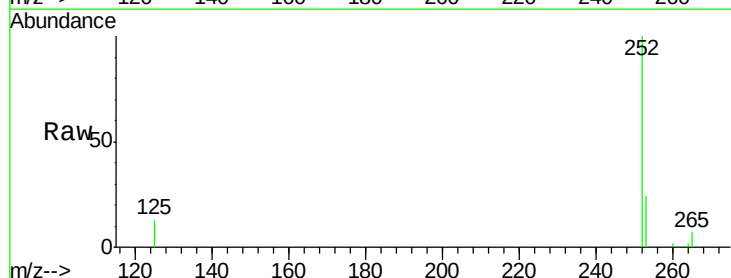
Tgt Ion:252 Resp: 5793

Ion Ratio Lower Upper

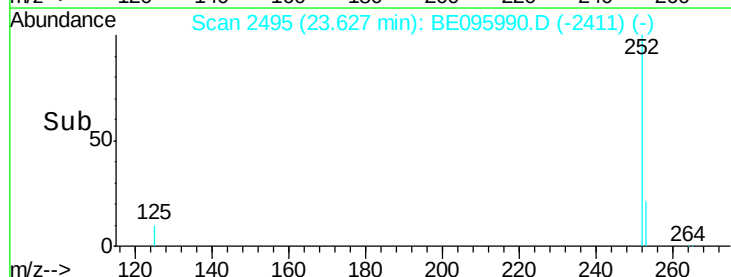
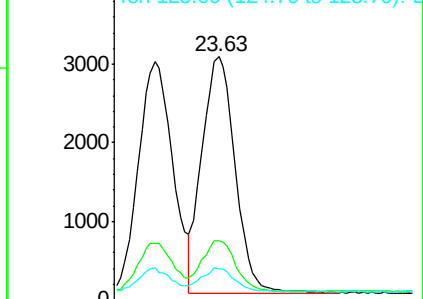
252 100

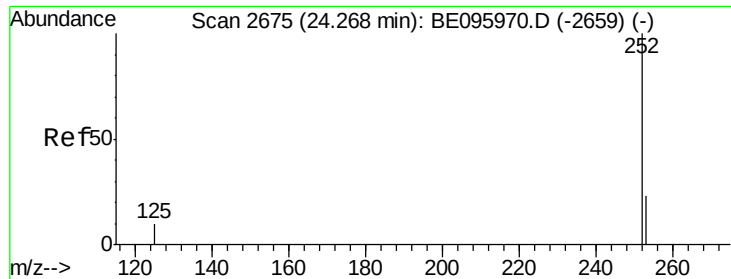
253 24.3 16.0 24.0#

125 12.9 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: 0.319 ng

RT: 24.26 min Scan# 2674

Delta R.T. -0.00 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

Instrument :

BNA_E

ClientSampleId :

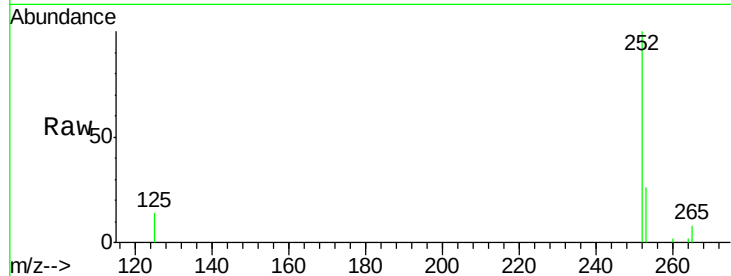
Tot Ion:252 Resp: 5576

Ion Ratio Lower Upper

252 100

253 25.8 16.0 24.0#

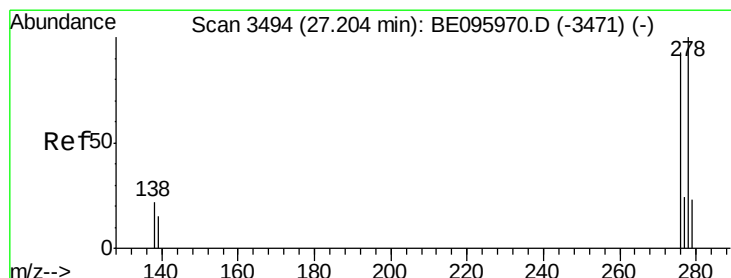
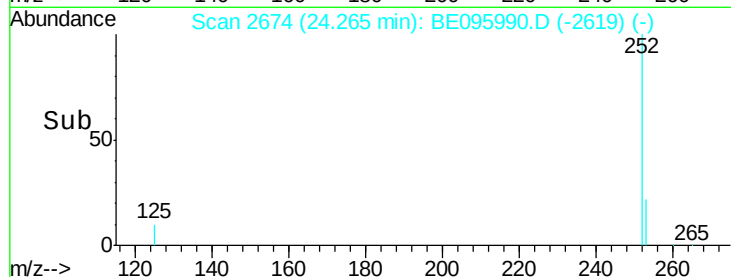
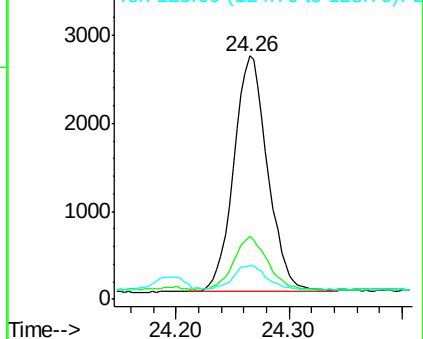
125 13.9 12.0 18.0



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: 0.325 ng

RT: 27.19 min Scan# 3491

Delta R.T. 0.00 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

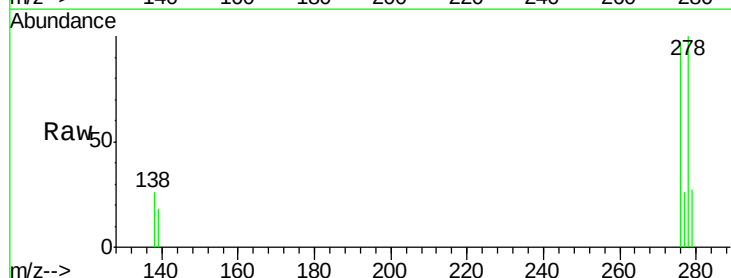
Tgt Ion:278 Resp: 4996

Ion Ratio Lower Upper

278 100

139 18.4 16.0 24.0

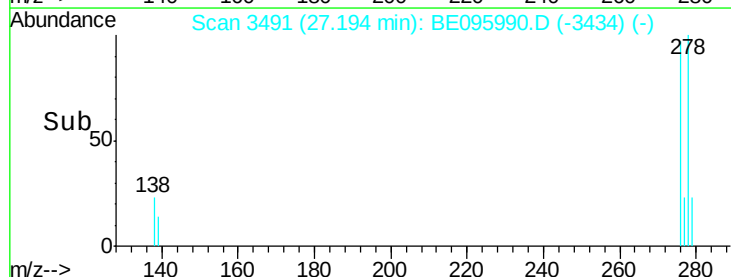
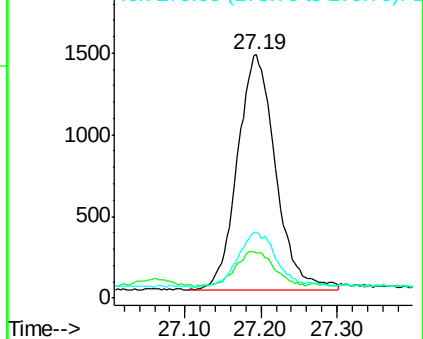
279 27.0 20.0 30.0

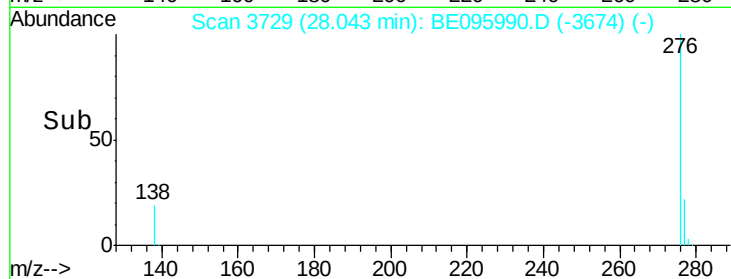
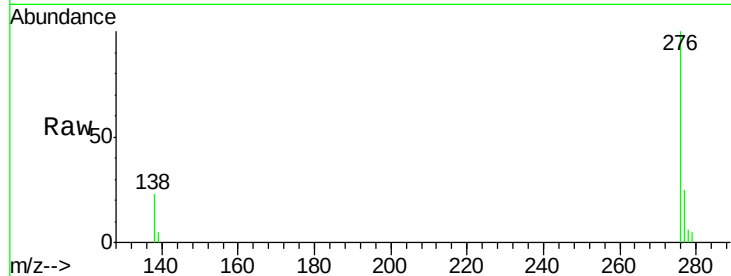
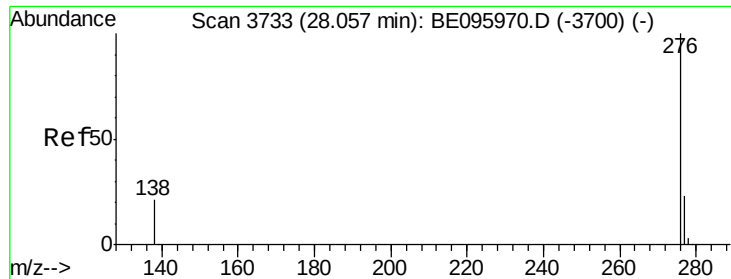


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.331 ng

RT: 28.04 min Scan# 3729

Delta R.T. -0.00 min

Lab File: BE095990.D

Acq: 13 Apr 2018 10:50

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 276 Resp: 5383

Ion Ratio Lower Upper

276 100

277 24.8 16.0 24.0#

138 22.6 20.0 30.0

