

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE030718\
 Data File : BE095718.D
 Acq On : 7 Mar 2018 11:40
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 07 14:22:01 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 12:12:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1242	0.40	ng	0.00
7) Naphthalene-d8	11.27	136	5218	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	3092	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	6836	0.40	ng	0.00
27) Chrysene-d12	21.80	240	6791	0.40	ng	0.00
34) Perylene-d12	24.43	264	6400	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	1448	0.44	ng	0.00
5) Phenol-d6	7.56	99	2019	0.44	ng	0.00
8) Nitrobenzene-d5	9.61	82	2094	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	3522	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	411	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	5263	0.38	ng	0.00
25) Fluoranthene-d10	19.69	212	32968	0.37	ng	0.00
29) Terphenyl-d14	20.24	244	5379	0.40	ng	-0.01

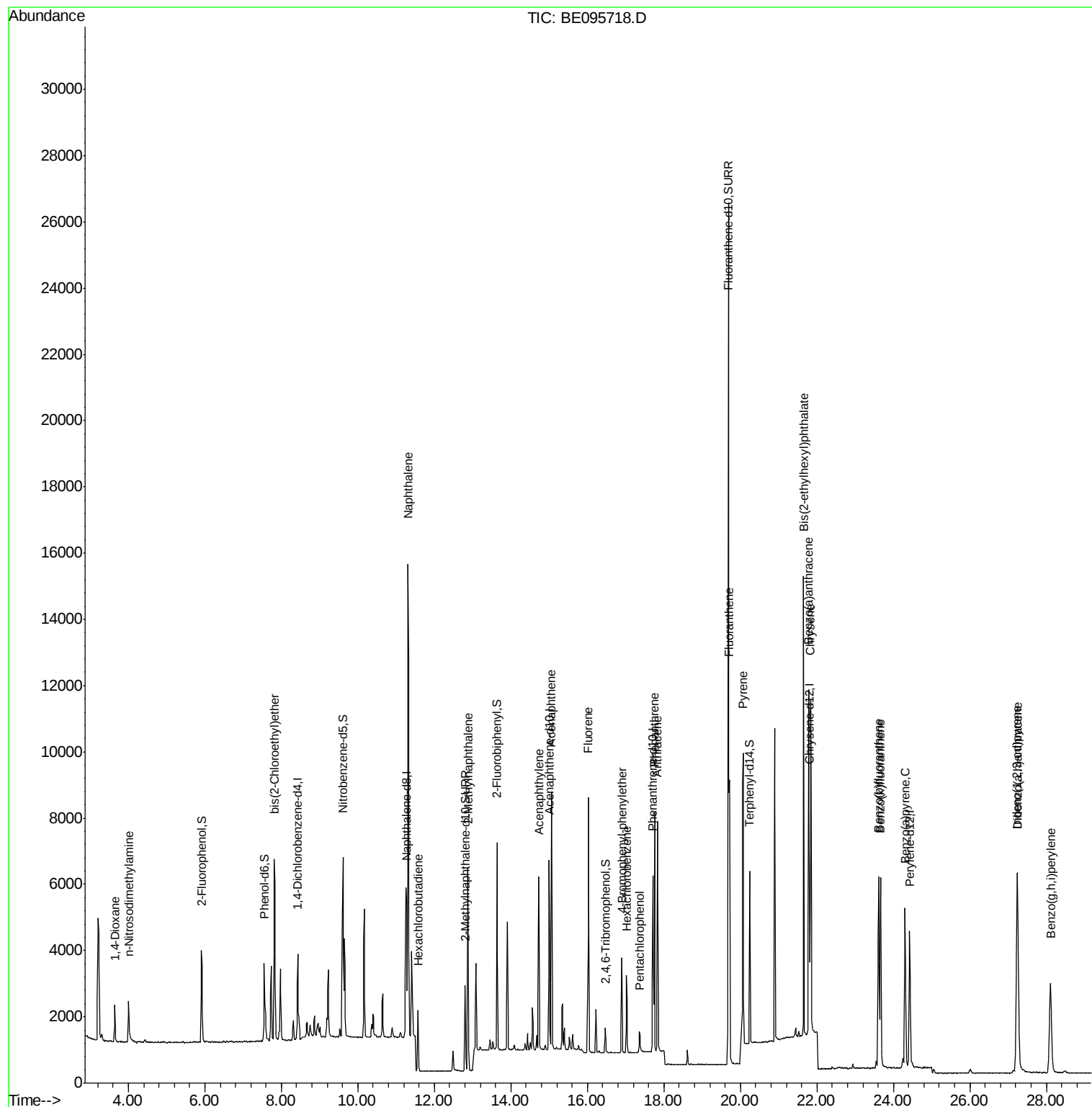
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.64	88	768	0.393	ng	# 85
3) n-Nitrosodimethylamine	4.00	42	979	0.404	ng	# 85
6) bis(2-Chloroethyl)ether	7.83	93	1956	0.420	ng	95
9) Naphthalene	11.31	128	24316	0.404	ng	100
10) Hexachlorobutadiene	11.57	225	1586	0.452	ng	# 87
12) 2-Methylnaphthalene	12.88	142	4187	0.403	ng	99
16) Acenaphthylene	14.74	152	6514	0.375	ng	99
17) Acenaphthene	15.06	154	4133	0.379	ng	94
18) Fluorene	16.03	166	5074	0.375	ng	# 78
20) 4-Bromophenyl-phenylether	16.90	248	1620	0.378	ng	# 80
21) Hexachlorobenzene	17.02	284	1667	0.375	ng	# 79
22) Pentachlorophenol	17.37	266	410	0.430	ng	# 76
23) Phenanthrene	17.75	178	7990	0.374	ng	99
24) Anthracene	17.83	178	7461	0.380	ng	95
26) Fluoranthene	19.72	202	9659	0.367	ng	98
28) Pyrene	20.07	202	11394	0.410	ng	96
30) Benzo(a)anthracene	21.78	228	8942	0.404	ng	98
31) Chrysene	21.84	228	8584	0.390	ng	100
32) Bis(2-ethylhexyl)phthalate	21.66	149	16060	0.410	ng	100
33) Indeno(1,2,3-cd)pyrene	27.24	276	8986	0.421	ng	# 93
35) Benzo(b)fluoranthene	23.61	252	8439	0.370	ng	# 89
36) Benzo(k)fluoranthene	23.66	252	8700	0.384	ng	95
37) Benzo(a)pyrene	24.30	252	7798	0.379	ng	# 92
38) Dibenzo(a,h)anthracene	27.25	278	7263	0.397	ng	96
39) Benzo(g,h,i)perylene	28.11	276	7421	0.379	ng	# 93

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

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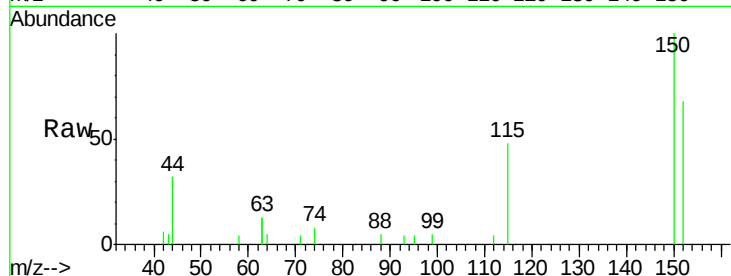


#1

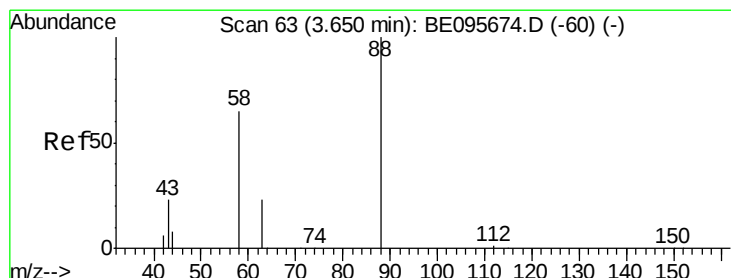
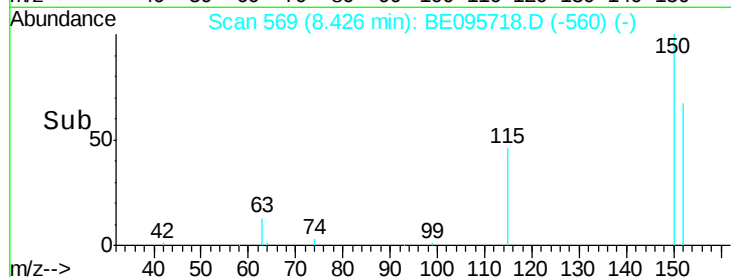
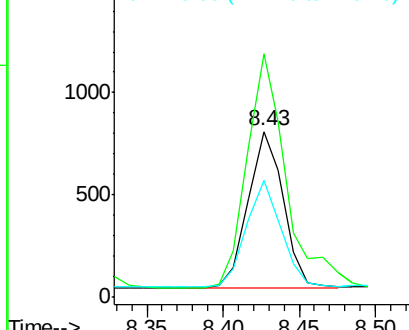
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BE095718.D
Acq: 7 Mar 2018 11:40

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1242
Ion Ratio Lower Upper
152 100
150 146.6 117.2 175.8
115 70.2 57.0 85.6



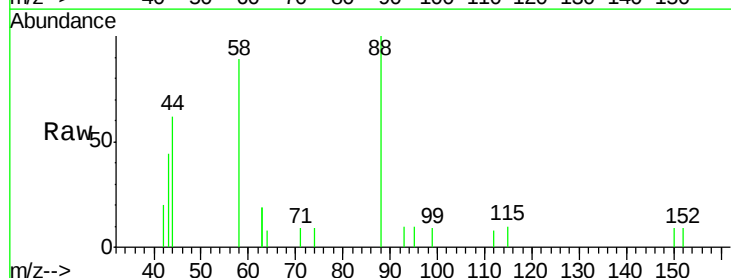
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



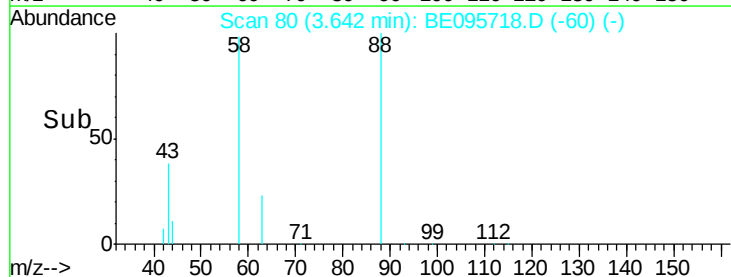
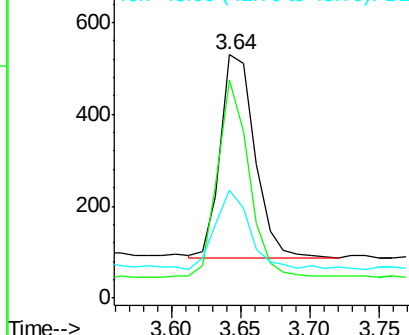
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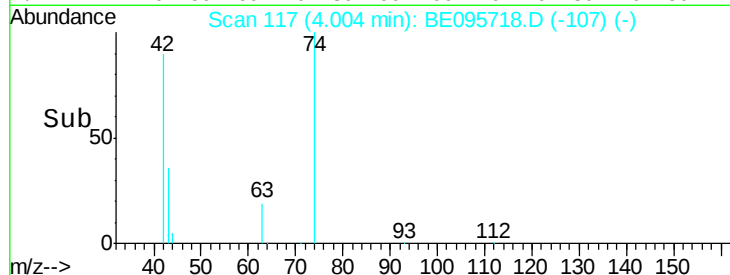
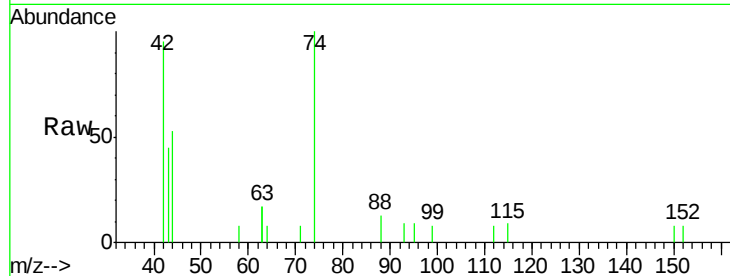
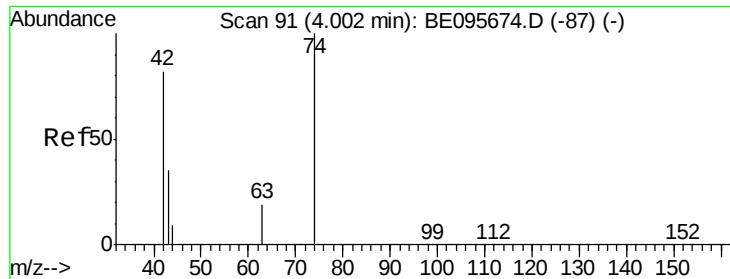
1,4-Dioxane
Concen: 0.393 ng
RT: 3.64 min Scan# 80
Delta R.T. -0.01 min
Lab File: BE095718.D
Acq: 7 Mar 2018 11:40

Tgt Ion: 88 Resp: 768
Ion Ratio Lower Upper
88 100
58 88.3 63.2 94.8
43 36.2 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: 0.404 ng

RT: 4.00 min Scan# 117

Delta R.T. 0.00 min

Lab File: BE095718.D

Acq: 7 Mar 2018 11:40

Instrument :

BNA_E

ClientSampled :

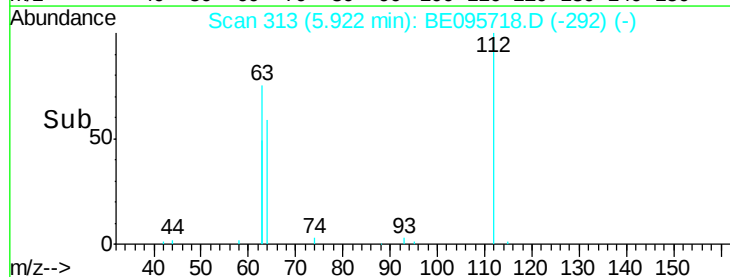
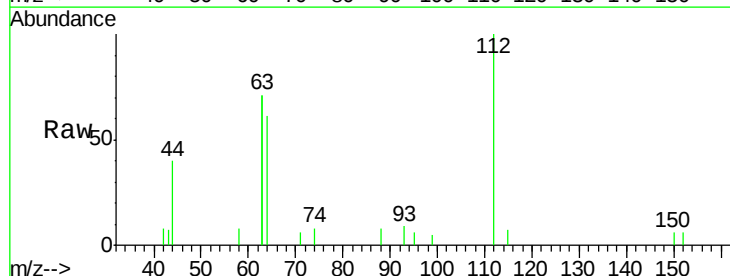
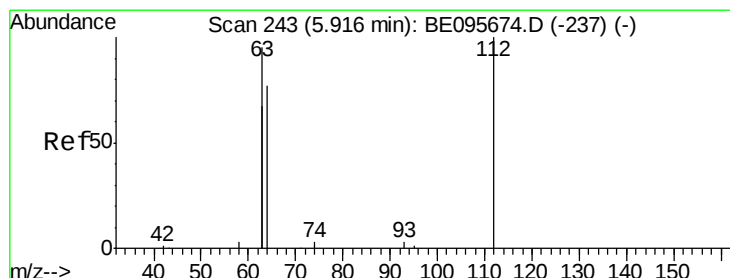
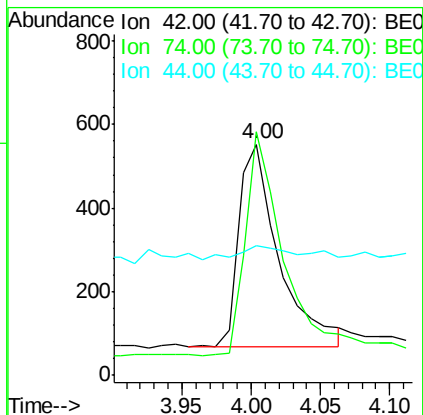
Tot Ion: 42 Resp: 979

Ion Ratio Lower Upper

42 100

74 102.7 96.0 144.0

44 11.1 12.0 18.0#



#4

2-Fluorophenol

Concen: 0.442 ng

RT: 5.92 min Scan# 313

Delta R.T. 0.01 min

Lab File: BE095718.D

Acq: 7 Mar 2018 11:40

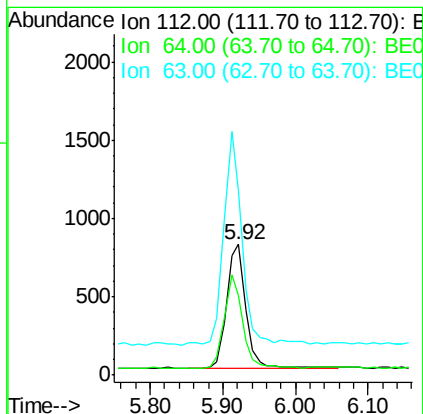
Tgt Ion: 112 Resp: 1448

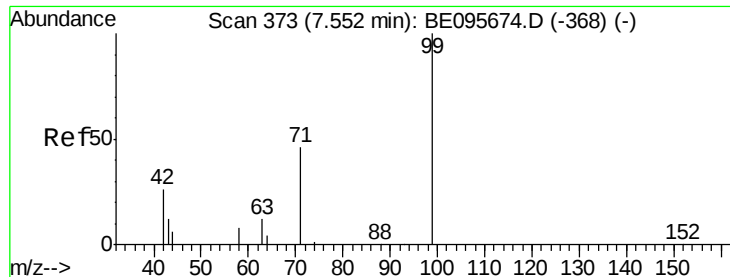
Ion Ratio Lower Upper

112 100

64 71.4 60.1 90.1

63 162.4 116.8 175.2





#5

Phenol-d6

Concen: 0.445 ng

RT: 7.56 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE095718.D

Acq: 7 Mar 2018 11:40

Instrument :

BNA_E

ClientSampleId :

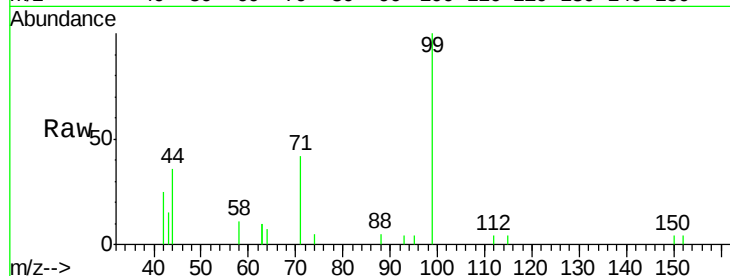
Tot Ion: 99 Resp: 2019

Ion Ratio Lower Upper

99 100

42 25.0 20.2 30.2

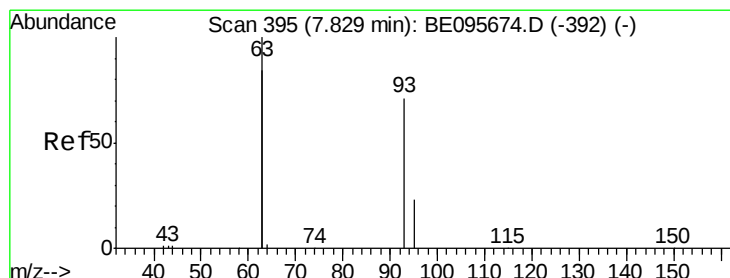
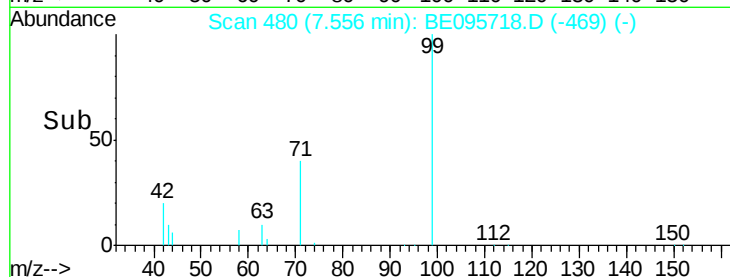
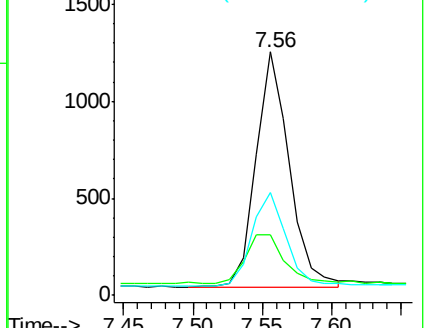
71 40.4 28.4 42.6



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: 0.420 ng

RT: 7.83 min Scan# 508

Delta R.T. 0.00 min

Lab File: BE095718.D

Acq: 7 Mar 2018 11:40

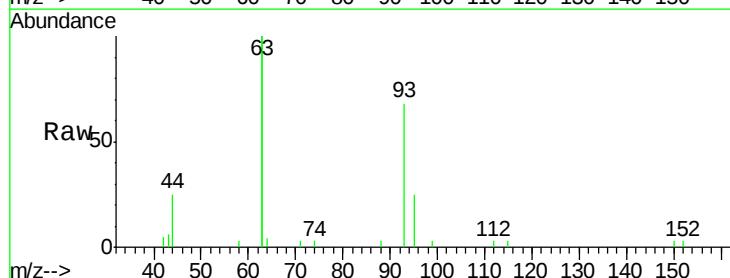
Tgt Ion: 93 Resp: 1956

Ion Ratio Lower Upper

93 100

63 333.6 275.3 412.9

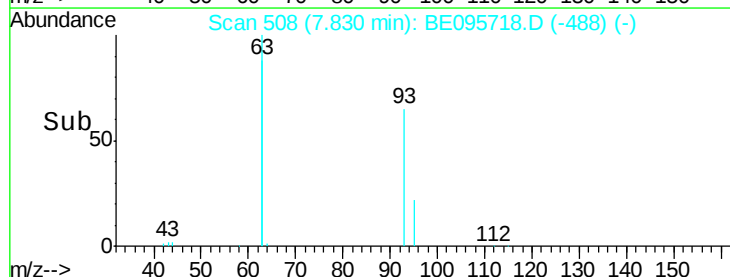
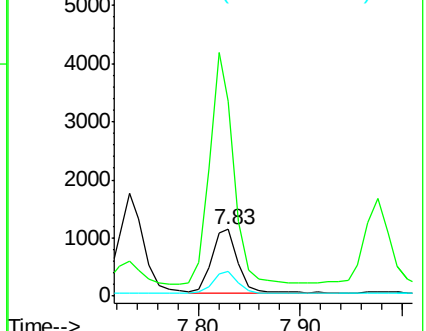
95 32.5 25.2 37.8

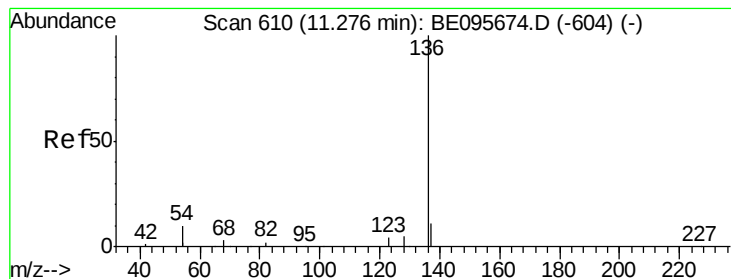


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 11.27 min Scan# 785

Delta R.T. -0.01 min

Lab File: BE095718.D

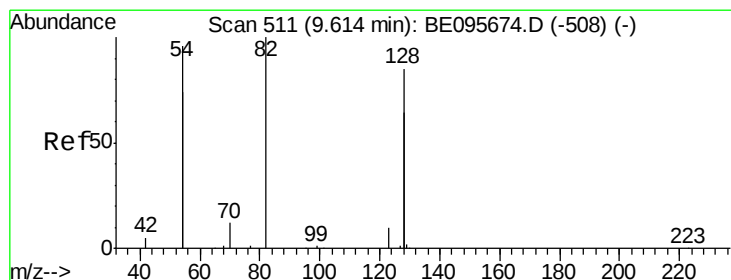
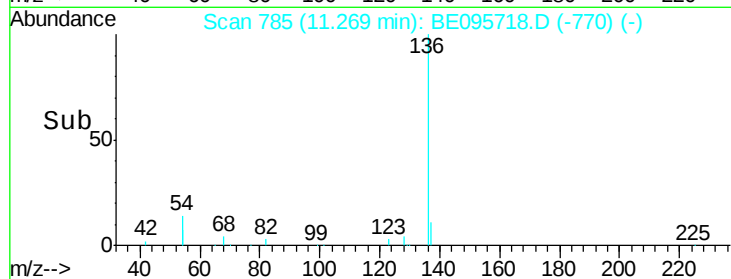
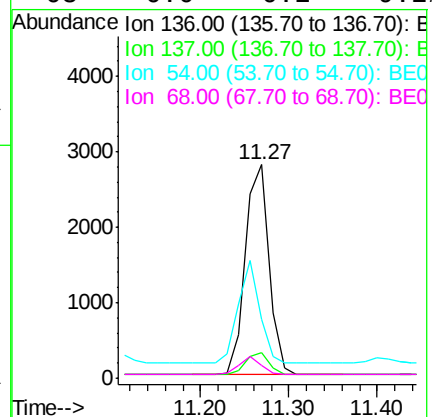
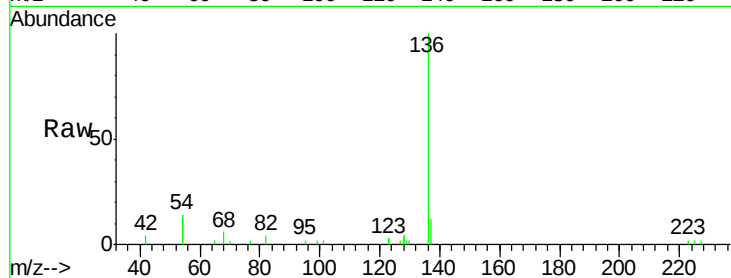
Acq: 7 Mar 2018 11:40

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	5218
Ion Ratio	Lower	Upper
136	100	
137	12.3	9.5 14.3
54	27.4	29.1 43.7#
68	6.0	6.2 9.2#



#8

Nitrobenzene-d5

Concen: 0.389 ng

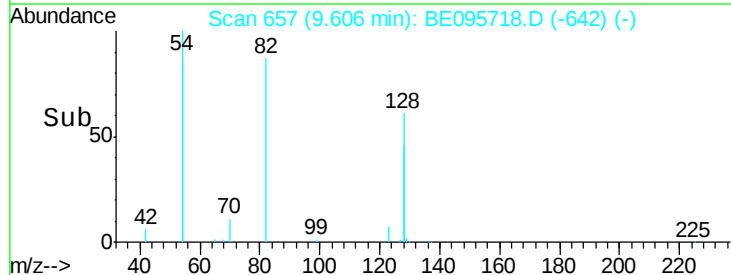
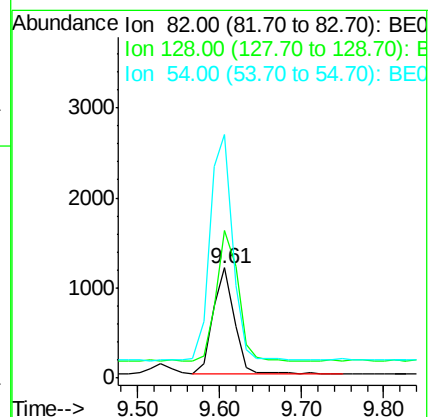
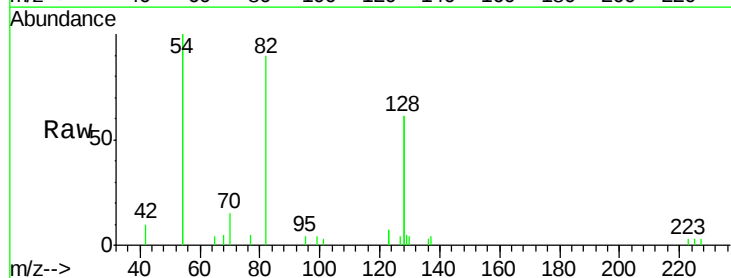
RT: 9.61 min Scan# 657

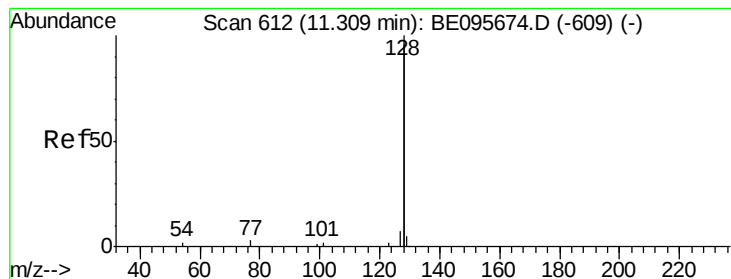
Delta R.T. -0.01 min

Lab File: BE095718.D

Acq: 7 Mar 2018 11:40

Tgt Ion: 82	Resp:	2094
Ion Ratio	Lower	Upper
82	100	
128	134.5	150.0 225.0#
54	221.1	154.2 231.4





#9

Naphthalene

Concen: 0.404 ng

RT: 11.31 min Scan# 788

Delta R.T. -0.00 min

Lab File: BE095718.D

Acq: 7 Mar 2018 11:40

Instrument :

BNA_E

ClientSampleId :

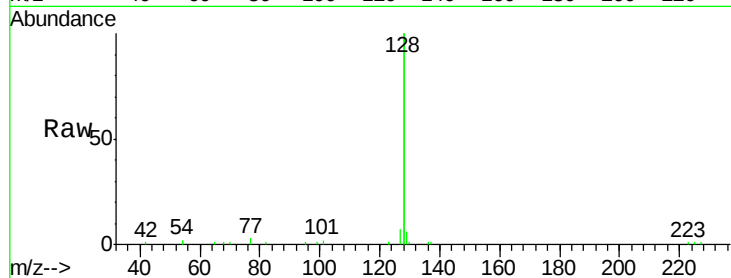
Tot Ion:128 Resp: 24316

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

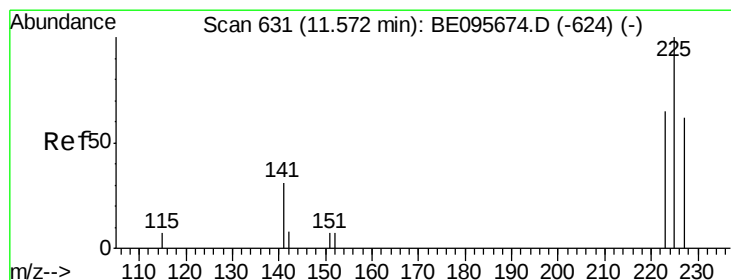
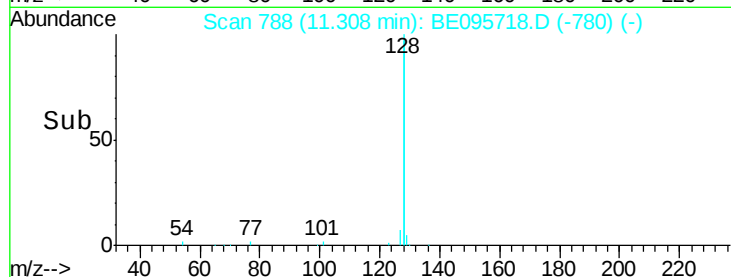
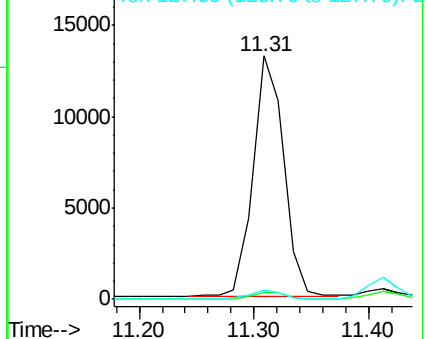
127 3.7 2.8 4.2



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: 0.452 ng

RT: 11.57 min Scan# 813

Delta R.T. 0.00 min

Lab File: BE095718.D

Acq: 7 Mar 2018 11:40

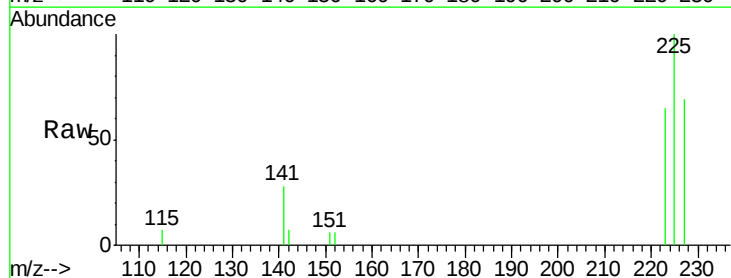
Tgt Ion:225 Resp: 1586

Ion Ratio Lower Upper

225 100

223 61.0 53.0 79.6

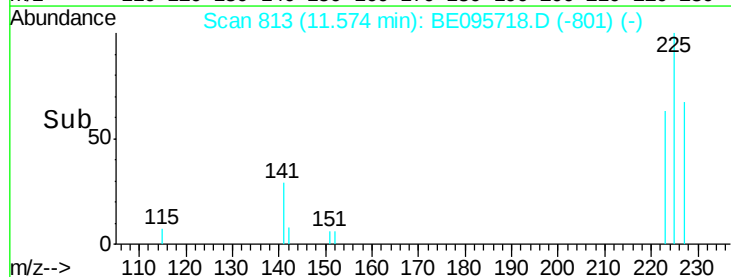
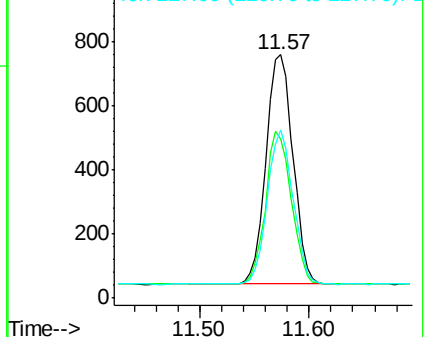
227 49.2 51.4 77.2#

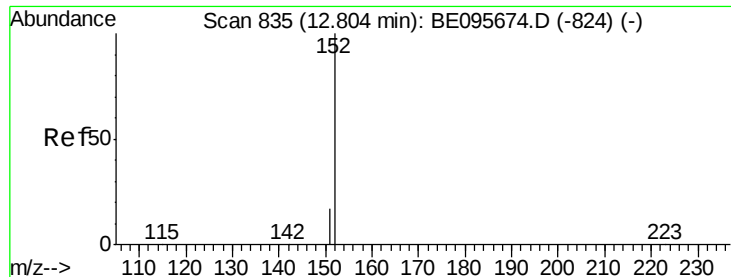


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

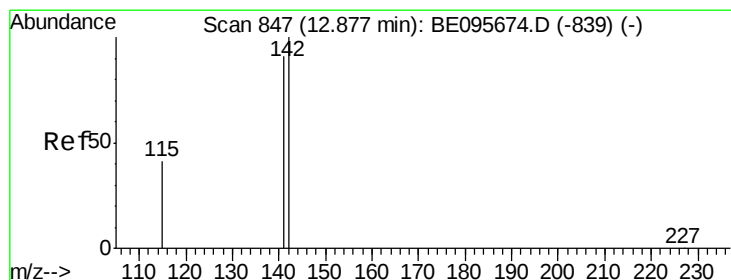
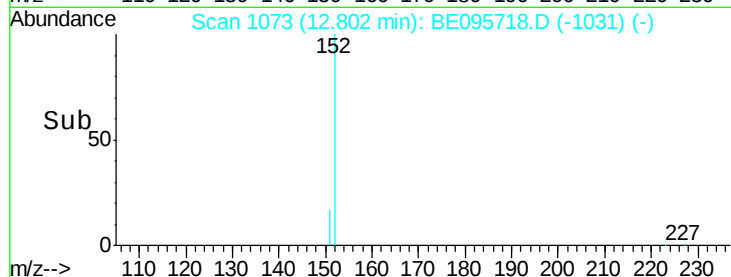
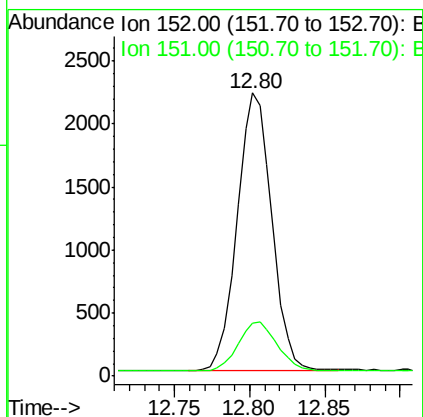
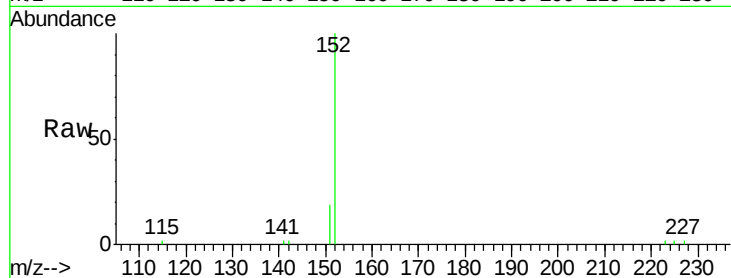




#11
 2-Methylnaphthalene-d10
 Concen: 0.404 ng
 RT: 12.80 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: BE095718.D
 Acq: 7 Mar 2018 11:40

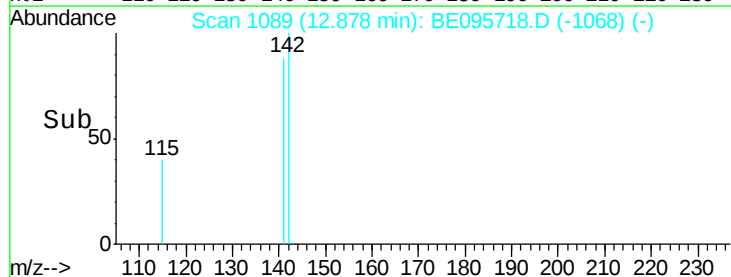
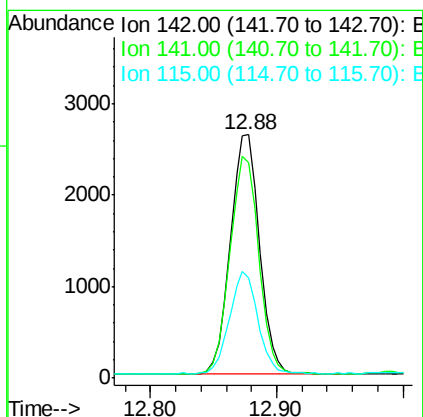
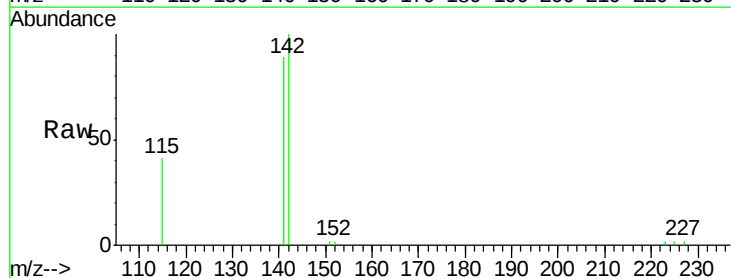
Instrument :
 BNA_E
 ClientSampleId :

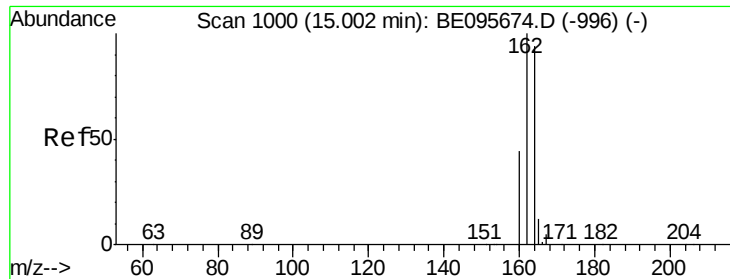
Tot Ion:152 Resp: 3522
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.403 ng
 RT: 12.88 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BE095718.D
 Acq: 7 Mar 2018 11:40

Tgt Ion:142 Resp: 4187
 Ion Ratio Lower Upper
 142 100
 141 88.6 70.4 105.6
 115 41.3 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.00 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BE095718.D

Acq: 7 Mar 2018 11:40

Instrument :

BNA_E

ClientSampleId :

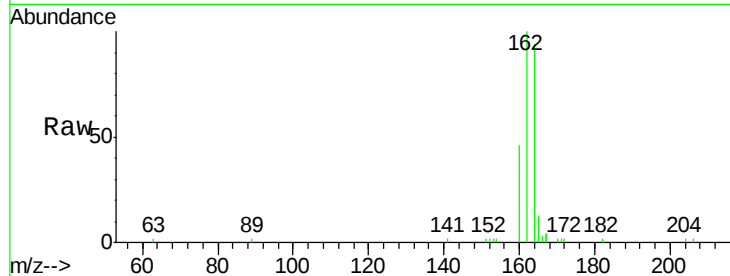
Tot Ion:164 Resp: 3092

Ion Ratio Lower Upper

164 100

162 106.7 83.1 124.7

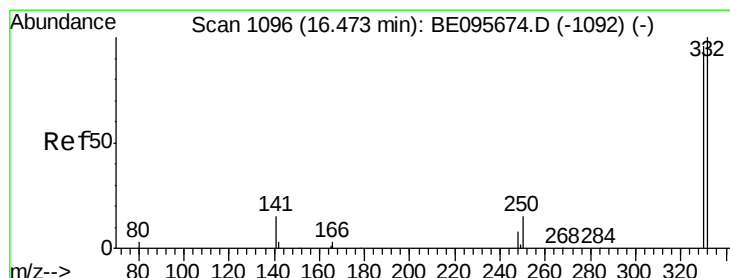
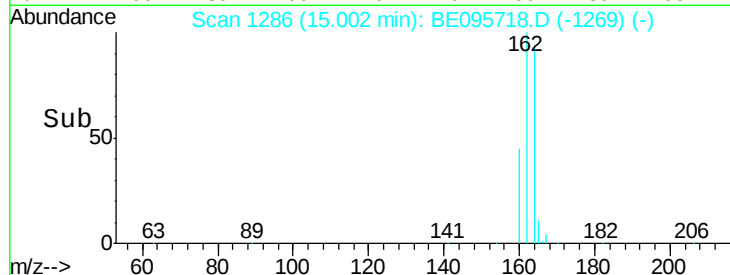
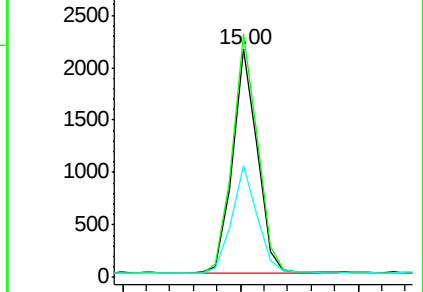
160 49.1 37.1 55.7



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: 0.393 ng

RT: 16.47 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BE095718.D

Acq: 7 Mar 2018 11:40

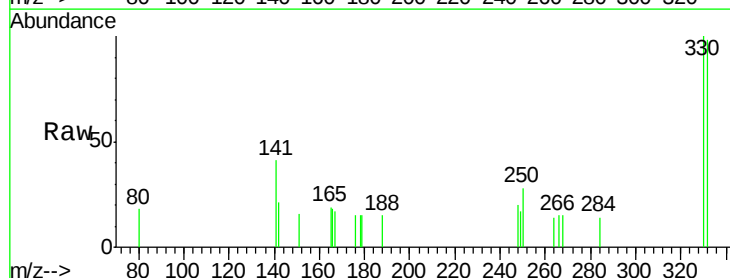
Tgt Ion:330 Resp: 411

Ion Ratio Lower Upper

330 100

332 95.9 152.7 229.1#

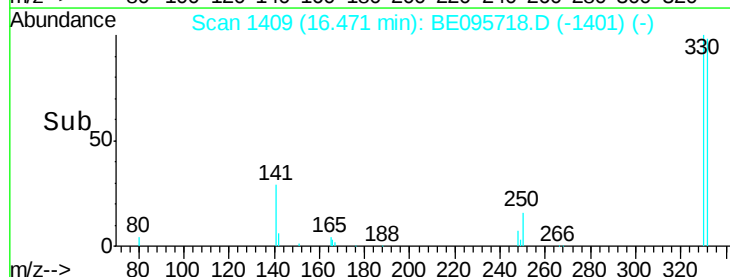
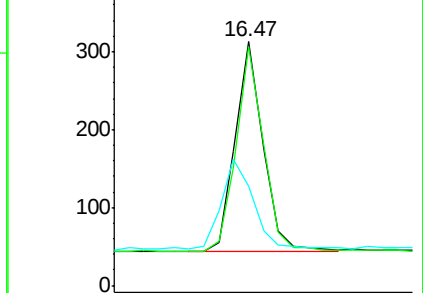
141 47.7 33.7 50.5

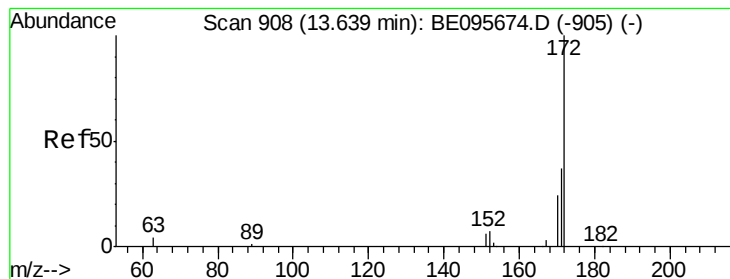


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.381 ng

RT: 13.64 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BE095718.D

Acq: 7 Mar 2018 11:40

Instrument :

BNA_E

ClientSampleId :

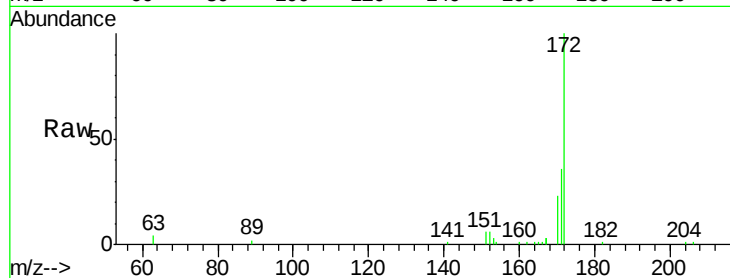
Tot Ion:172 Resp: 5263

Ion Ratio Lower Upper

172 100

171 36.1 29.9 44.9

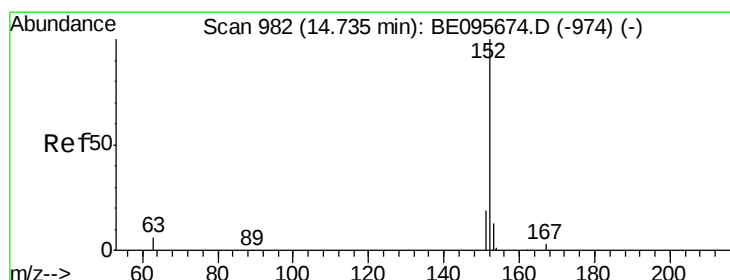
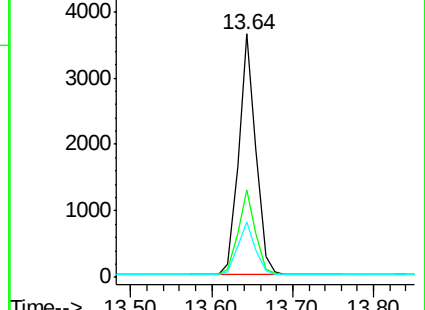
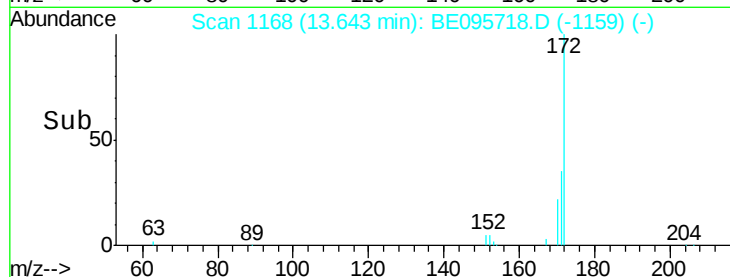
170 23.0 21.8 32.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.375 ng

RT: 14.74 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BE095718.D

Acq: 7 Mar 2018 11:40

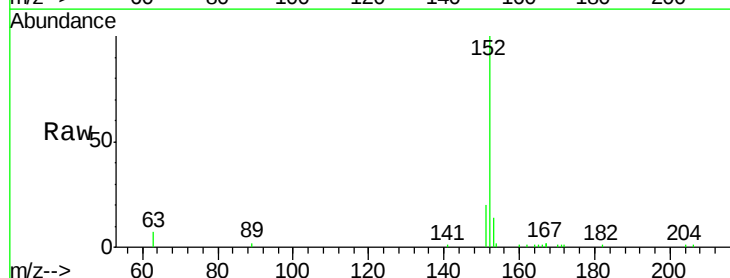
Tgt Ion:152 Resp: 6514

Ion Ratio Lower Upper

152 100

151 20.4 15.7 23.5

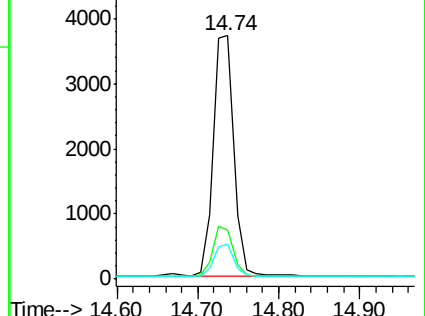
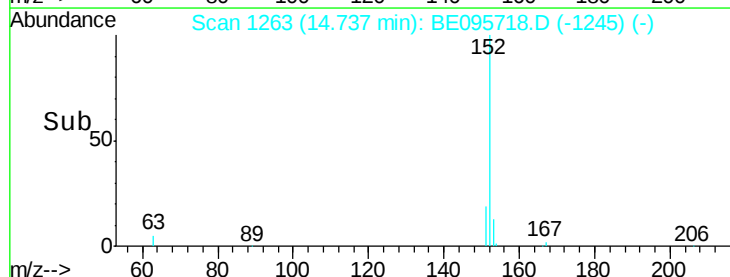
153 12.8 10.5 15.7

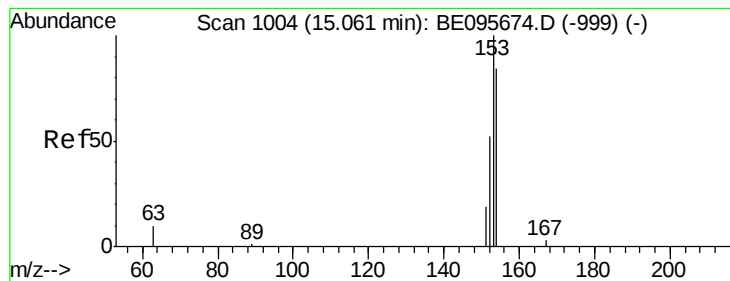


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.379 ng

RT: 15.06 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BE095718.D

Acq: 7 Mar 2018 11:40

Instrument :

BNA_E

ClientSampleId :

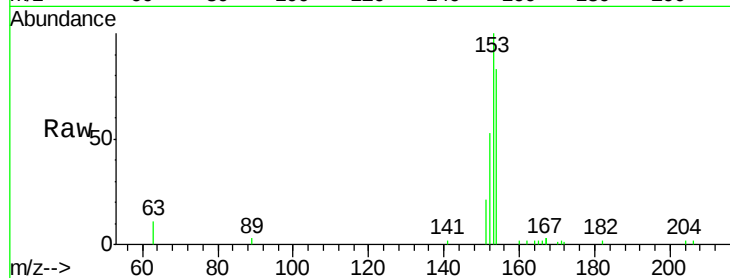
Tot Ion:154 Resp: 4133

Ion Ratio Lower Upper

154 100

153 115.8 89.2 133.8

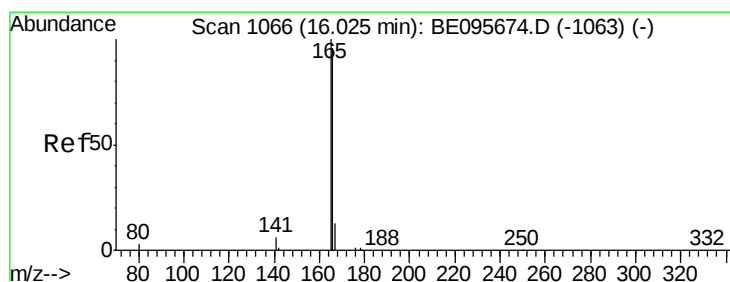
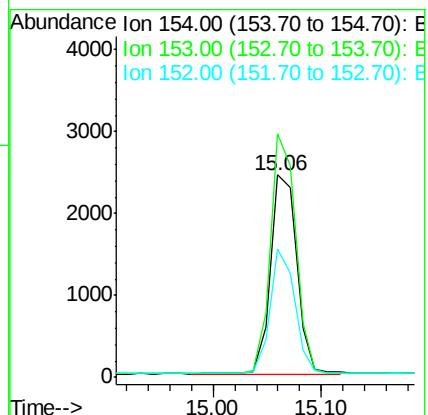
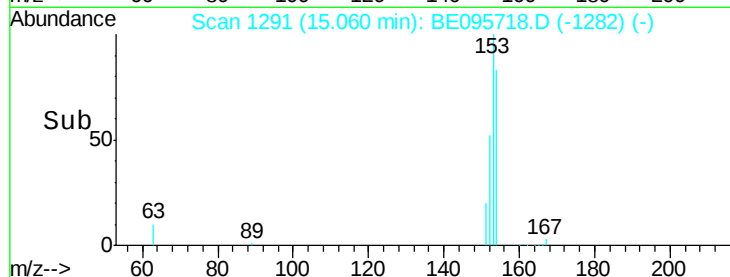
152 58.5 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.375 ng

RT: 16.03 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE095718.D

Acq: 7 Mar 2018 11:40

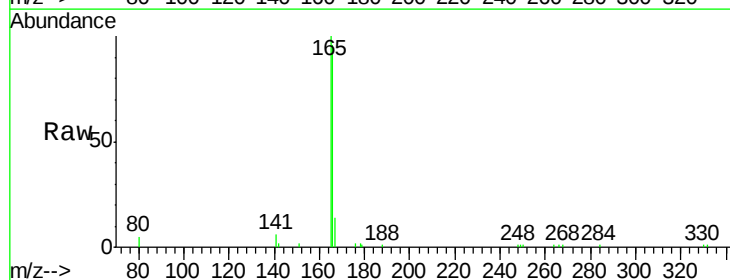
Tgt Ion:166 Resp: 5074

Ion Ratio Lower Upper

166 100

165 100.1 77.8 116.6

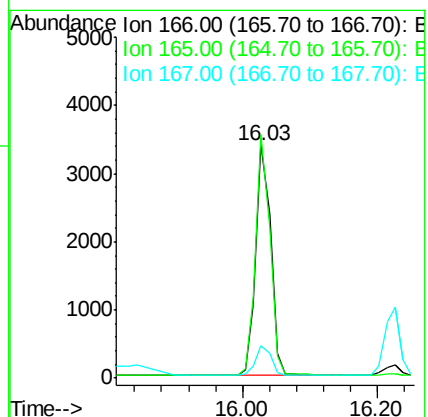
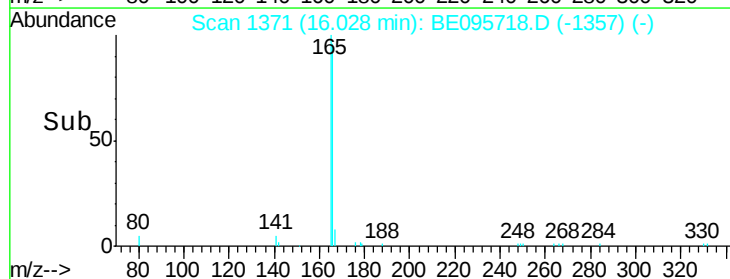
167 13.4 42.4 63.6#

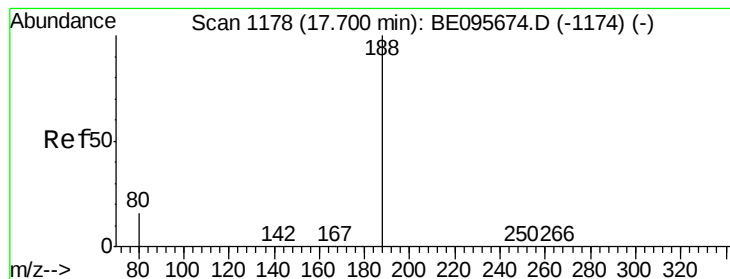


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.71 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BE095718.D

Acq: 7 Mar 2018 11:40

Instrument :

BNA_E

ClientSampleId :

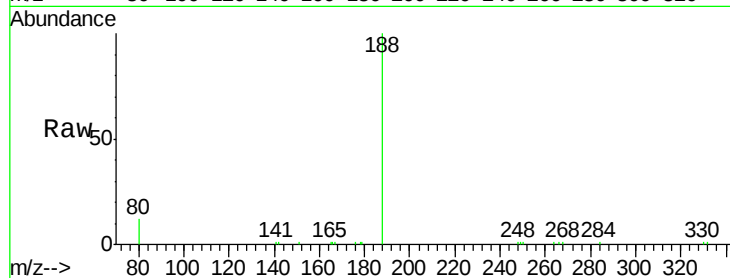
Tot Ion:188 Resp: 6836

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 12.1 3.6 5.4#



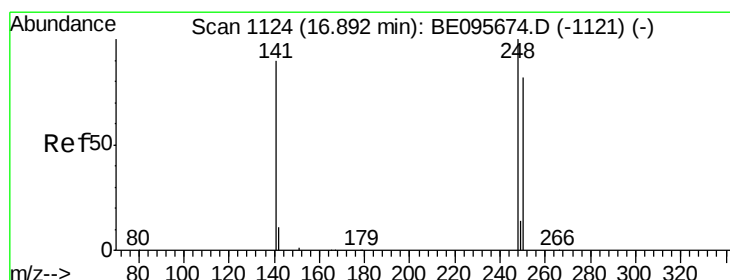
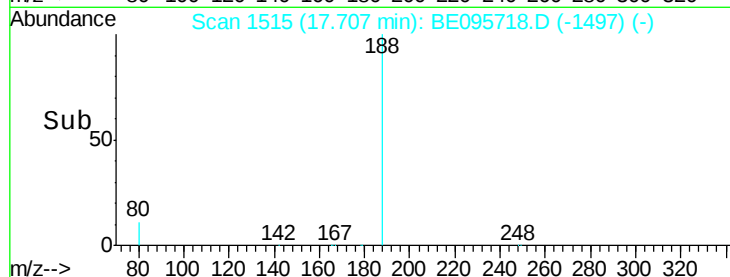
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

17.71

Time--> 17.60 17.70 17.80



#20

4-Bromophenyl-phenylether

Concen: 0.378 ng

RT: 16.90 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BE095718.D

Acq: 7 Mar 2018 11:40

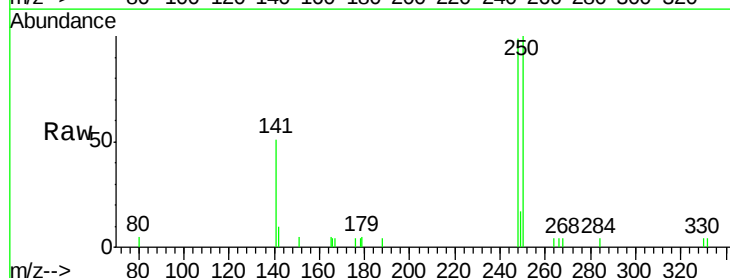
Tgt Ion:248 Resp: 1620

Ion Ratio Lower Upper

248 100

250 101.2 62.7 94.1#

141 51.2 48.2 72.2



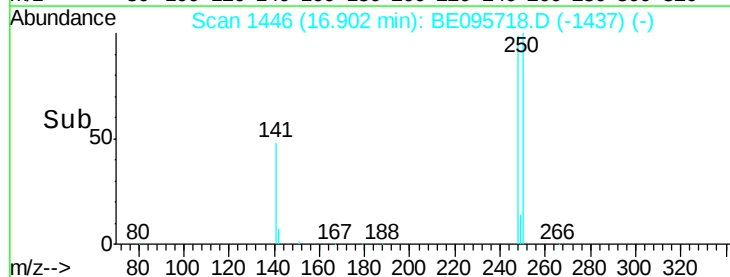
Abundance Ion 248.00 (247.70 to 248.70): E

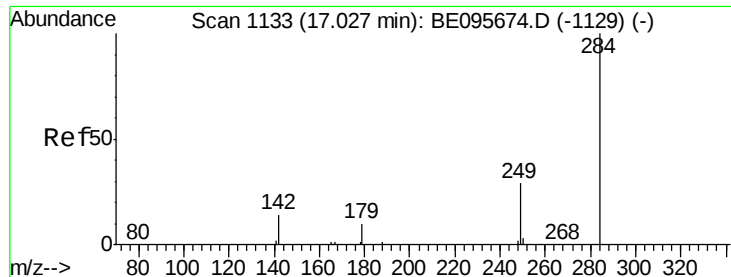
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

16.90

Time--> 16.80 16.90





#21

Hexachlorobenzene

Concen: 0.375 ng

RT: 17.02 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BE095718.D

Acq: 7 Mar 2018 11:40

Instrument :

BNA_E

ClientSampleId :

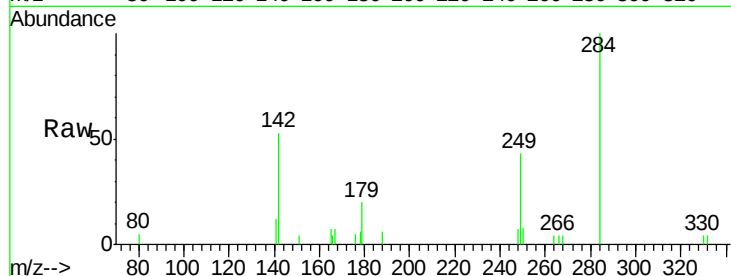
Tot Ion:284 Resp: 1667

Ion Ratio Lower Upper

284 100

142 43.3 22.1 33.1#

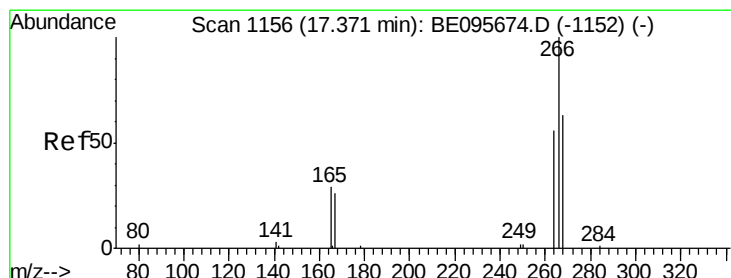
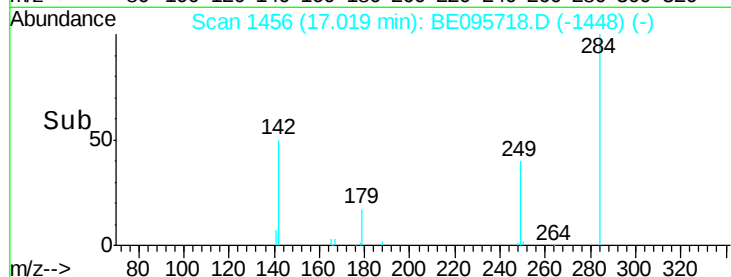
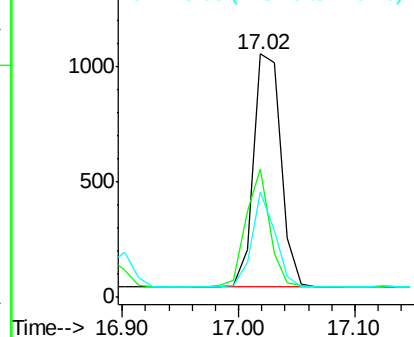
249 33.8 34.8 52.2#



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: 0.430 ng

RT: 17.37 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BE095718.D

Acq: 7 Mar 2018 11:40

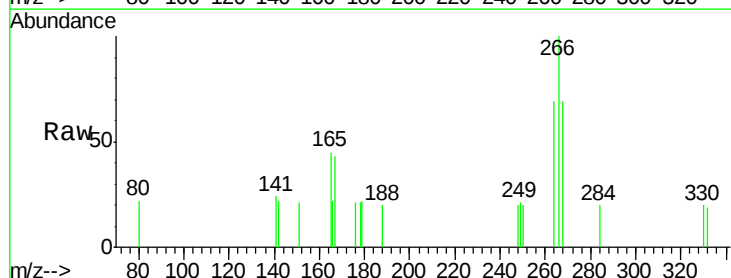
Tgt Ion:266 Resp: 410

Ion Ratio Lower Upper

266 100

264 68.6 72.5 108.7#

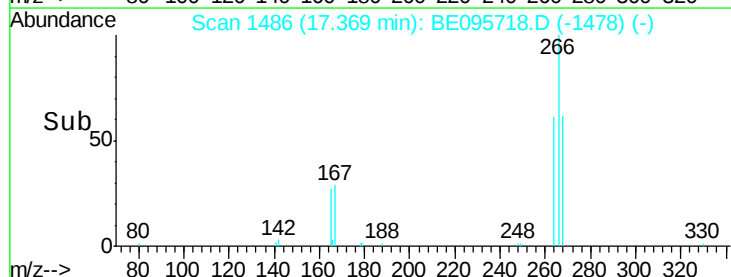
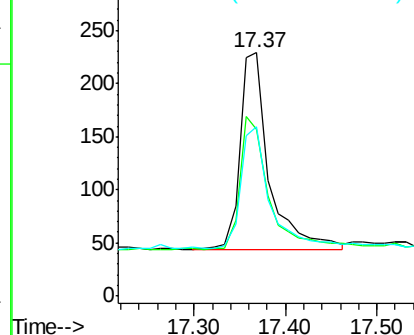
268 69.4 73.8 110.6#

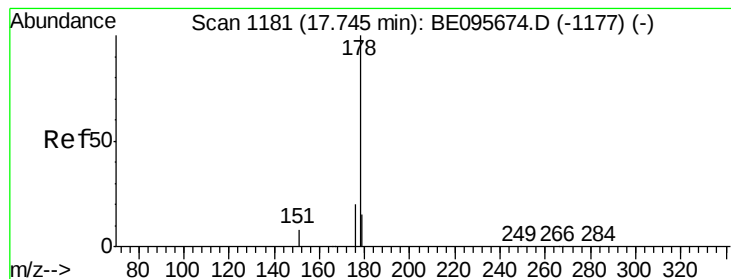


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.374 ng

RT: 17.75 min Scan# 1519

Delta R.T. 0.01 min

Lab File: BE095718.D

Acq: 7 Mar 2018 11:40

Instrument :

BNA_E

ClientSampleId :

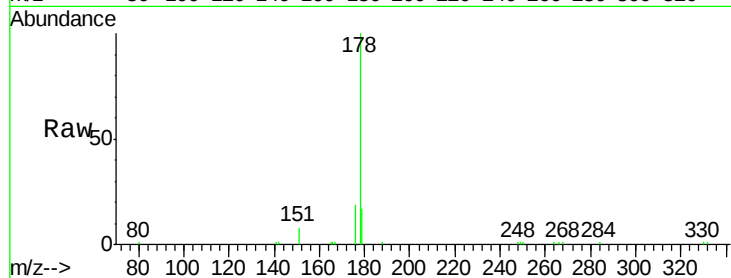
Tot Ion:178 Resp: 7990

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

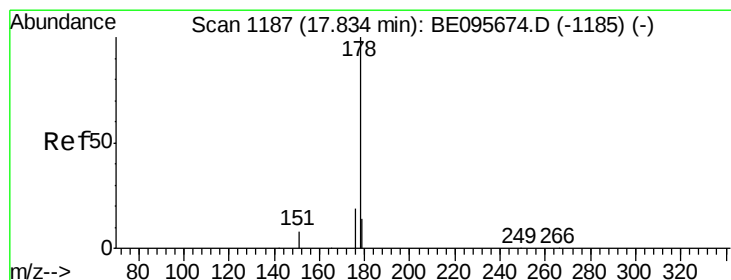
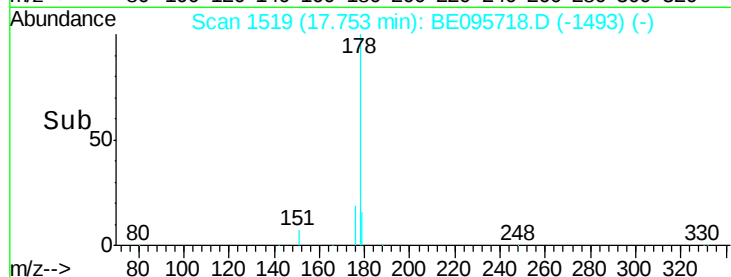
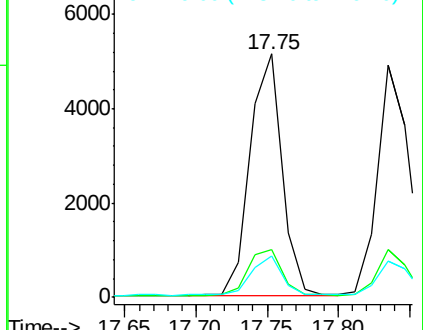
179 15.3 11.8 17.6



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: 0.380 ng

RT: 17.83 min Scan# 1526

Delta R.T. 0.00 min

Lab File: BE095718.D

Acq: 7 Mar 2018 11:40

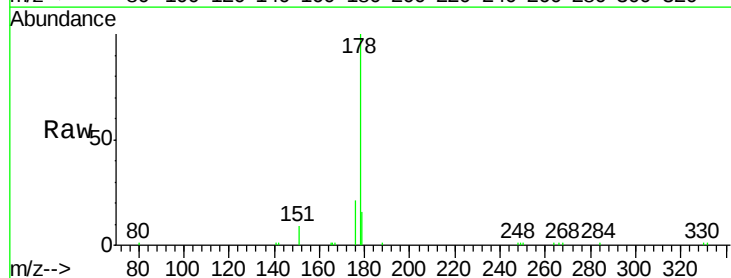
Tgt Ion:178 Resp: 7461

Ion Ratio Lower Upper

178 100

176 19.1 12.8 19.2

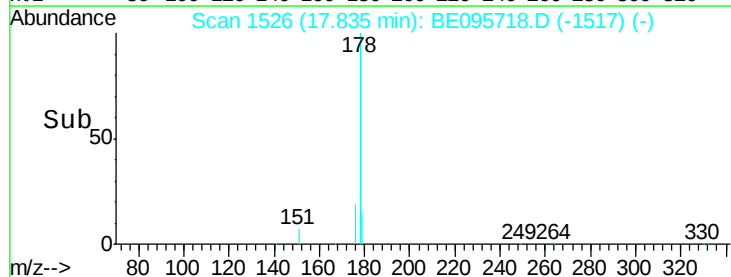
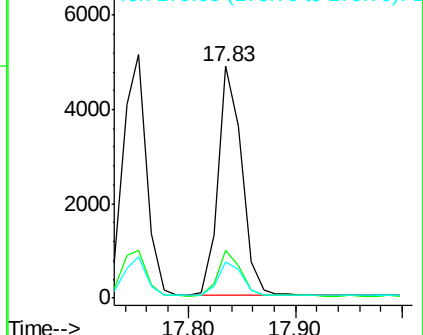
179 14.9 13.0 19.6

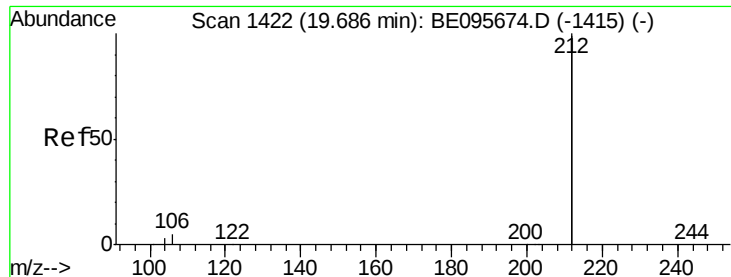


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.369 ng

RT: 19.69 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE095718.D

Acq: 7 Mar 2018 11:40

Instrument :

BNA_E

ClientSampleId :

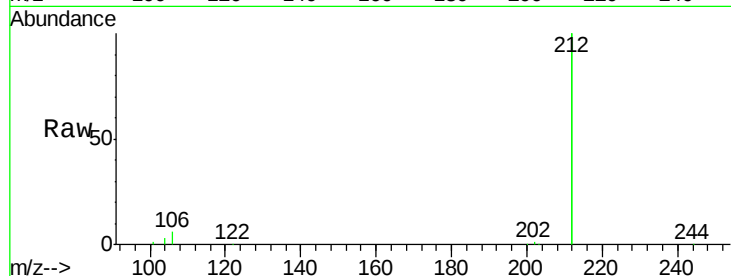
Tot Ion:212 Resp: 32968

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

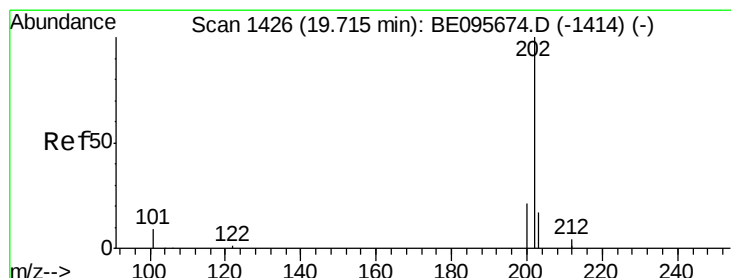
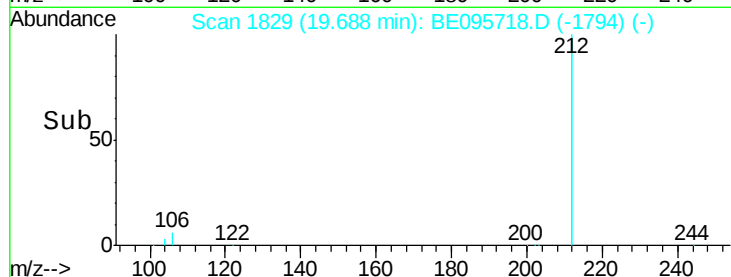
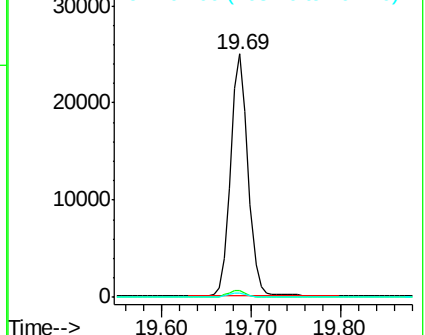
104 1.6 1.6 2.4



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: 0.367 ng

RT: 19.72 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BE095718.D

Acq: 7 Mar 2018 11:40

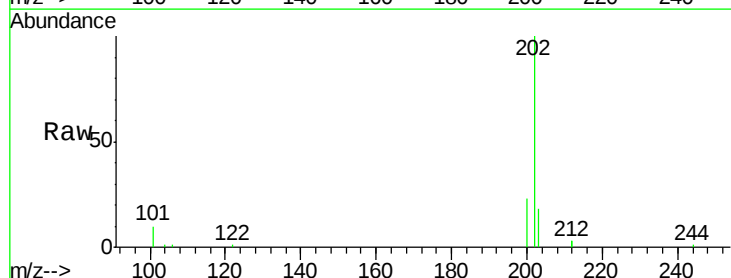
Tgt Ion:202 Resp: 9659

Ion Ratio Lower Upper

202 100

101 10.2 9.8 14.8

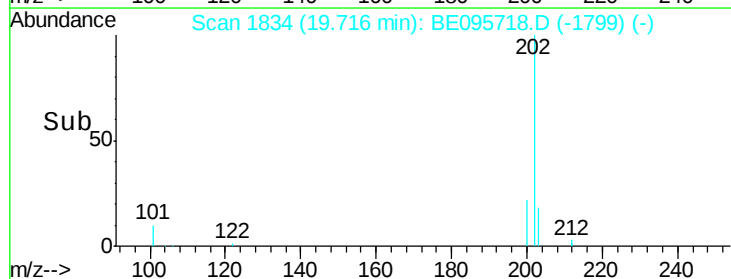
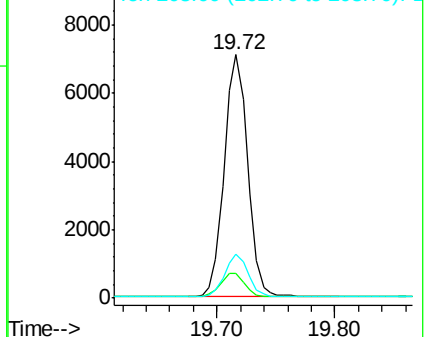
203 17.0 13.7 20.5

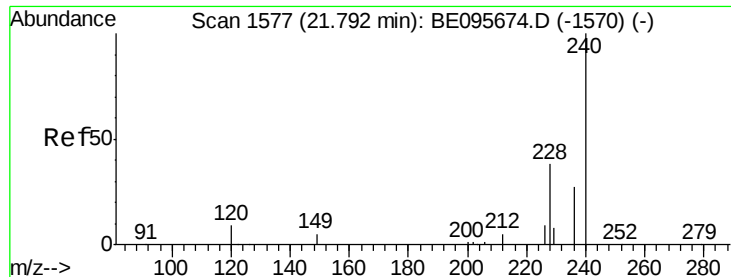


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

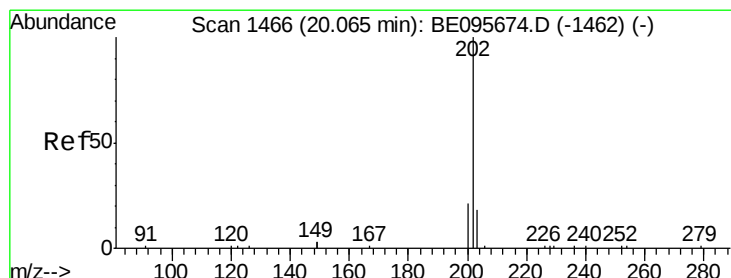
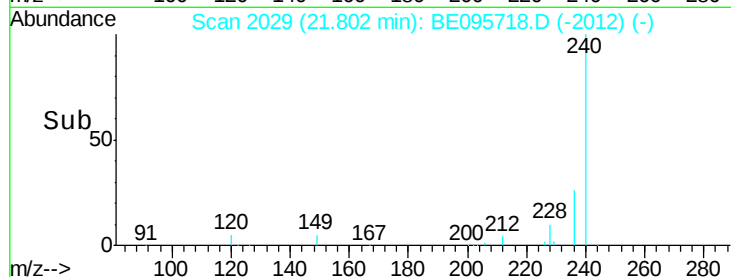
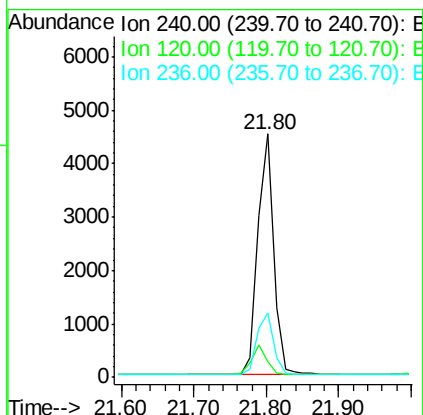
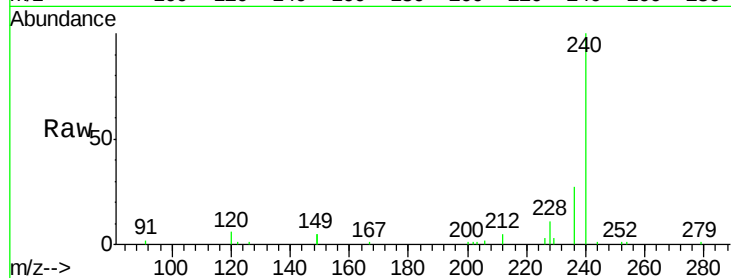




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.80 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BE095718.D
Acq: 7 Mar 2018 11:40

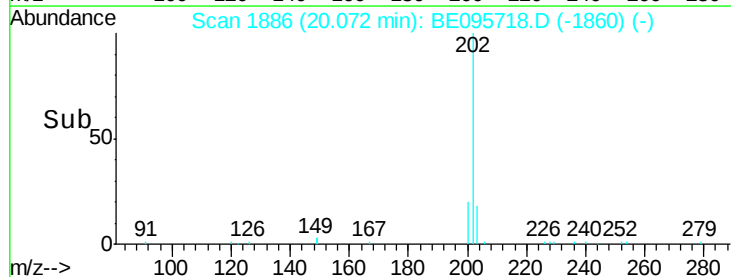
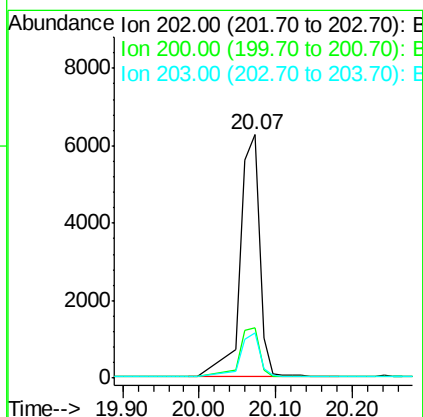
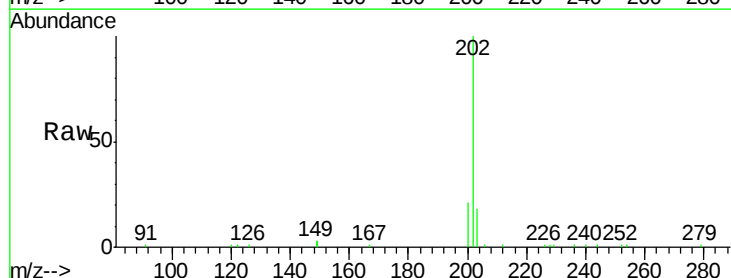
Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 6791
Ion Ratio Lower Upper
240 100
120 6.5 5.5 8.3
236 26.6 20.7 31.1



#28
Pyrene
Concen: 0.410 ng
RT: 20.07 min Scan# 1886
Delta R.T. 0.01 min
Lab File: BE095718.D
Acq: 7 Mar 2018 11:40

Tgt Ion:202 Resp: 11394
Ion Ratio Lower Upper
202 100
200 23.9 16.6 25.0
203 17.7 13.8 20.8





#29

Terphenyl-d14

Concen: 0.397 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BE095718.D

Acq: 7 Mar 2018 11:40

Instrument :

BNA_E

ClientSampleId :

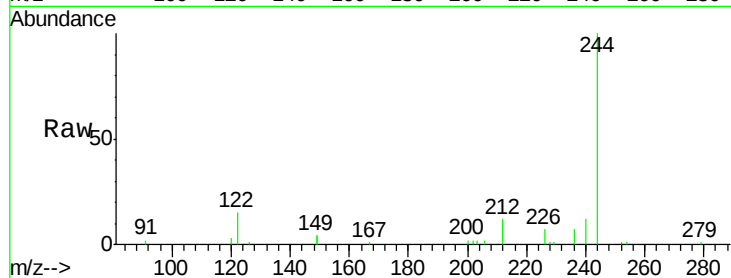
Tot Ion:244 Resp: 5379

Ion Ratio Lower Upper

244 100

212 12.0 25.4 38.0#

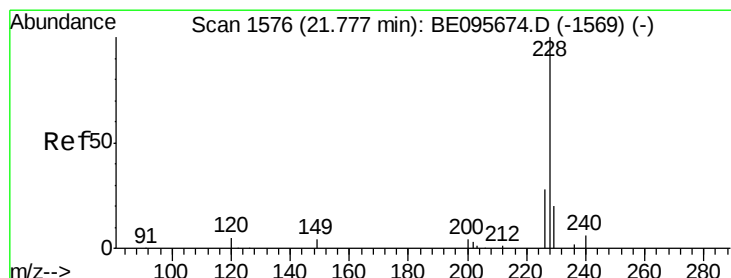
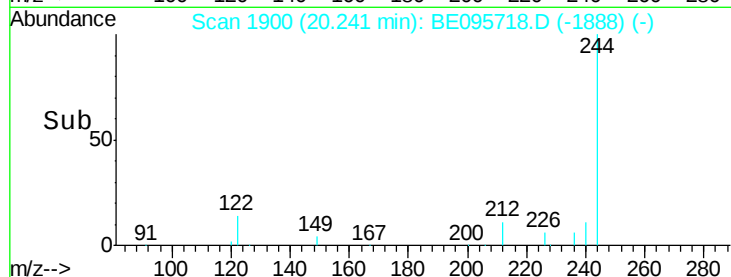
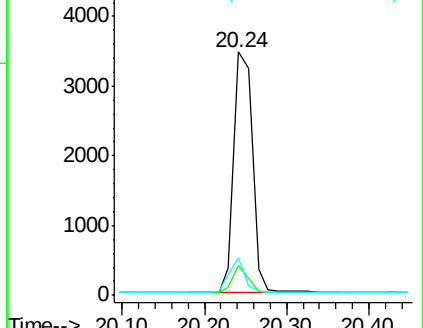
122 15.3 8.1 12.1#



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: 0.404 ng

RT: 21.78 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE095718.D

Acq: 7 Mar 2018 11:40

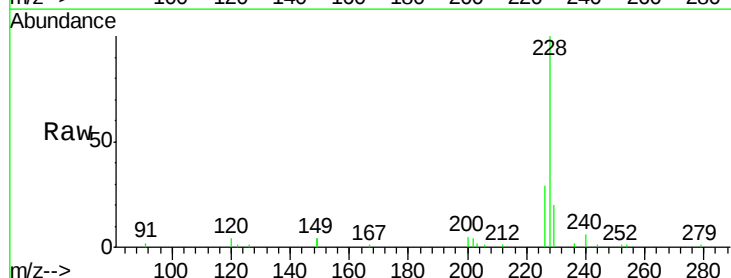
Tgt Ion:228 Resp: 8942

Ion Ratio Lower Upper

228 100

226 28.6 24.0 36.0

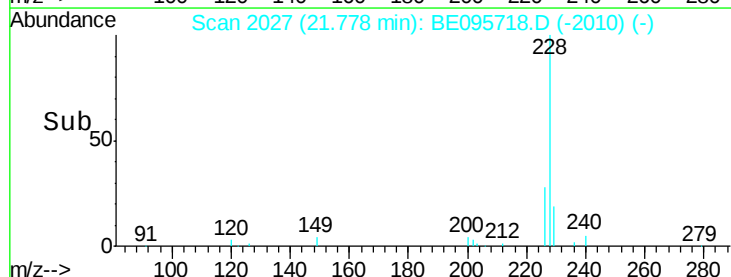
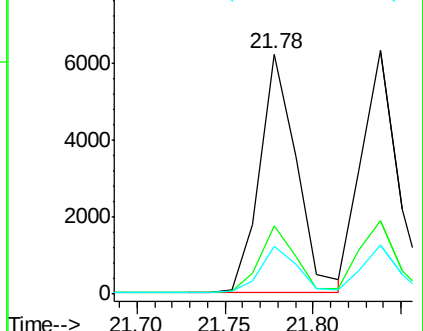
229 20.0 16.0 24.0

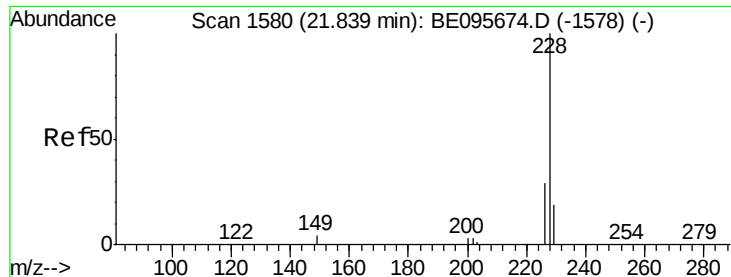


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.390 ng

RT: 21.84 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BE095718.D

Acq: 7 Mar 2018 11:40

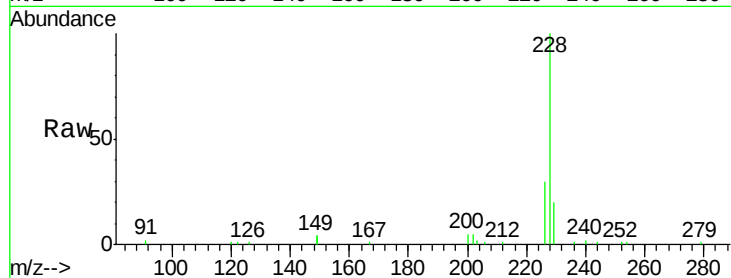
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 8584

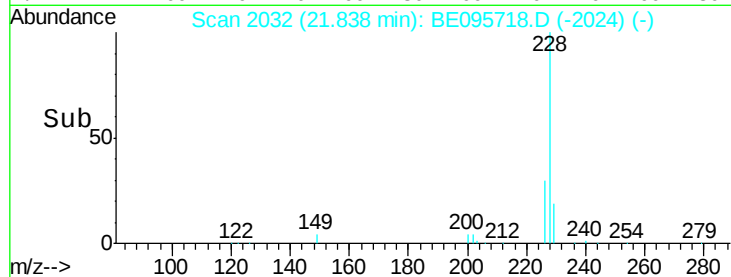
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	19.9	16.0	24.0



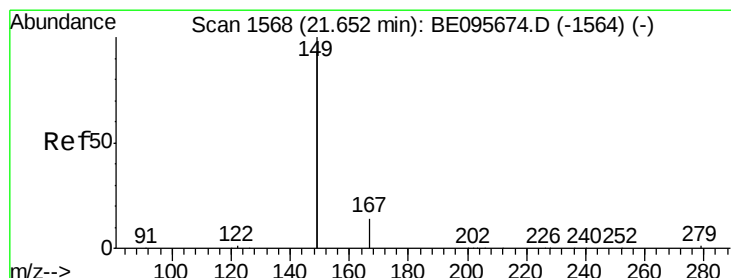
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.410 ng

RT: 21.66 min Scan# 2017

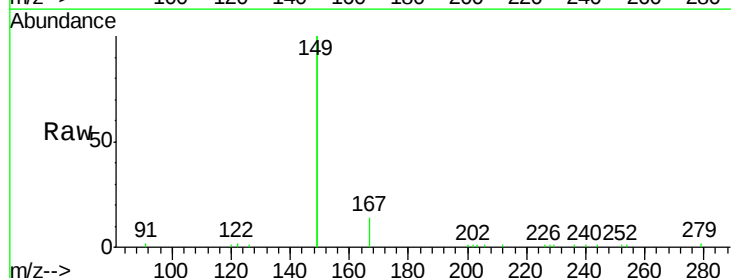
Delta R.T. 0.00 min

Lab File: BE095718.D

Acq: 7 Mar 2018 11:40

Tgt Ion:149 Resp: 16060

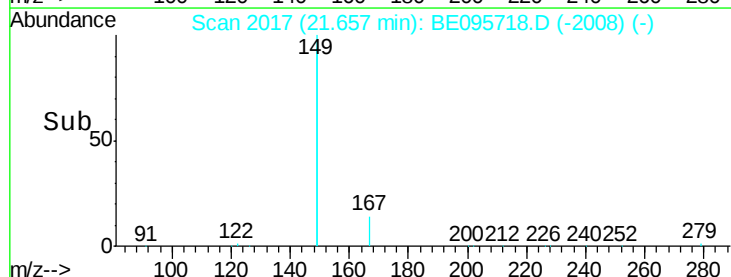
Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	0.8	0.7	1.1



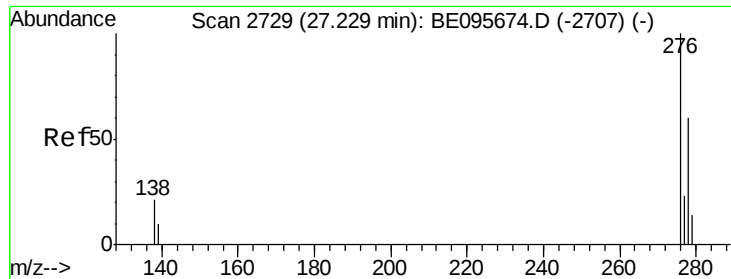
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



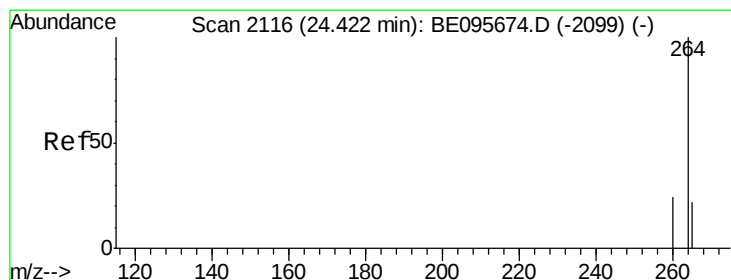
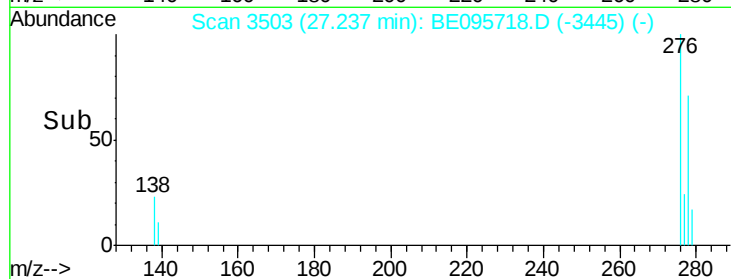
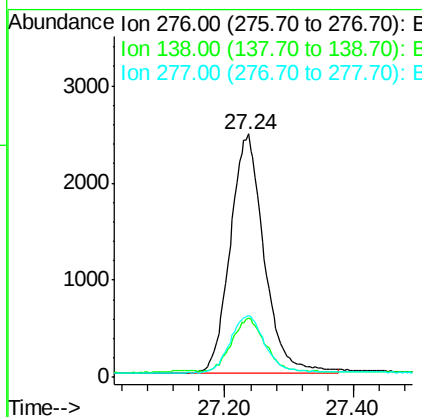
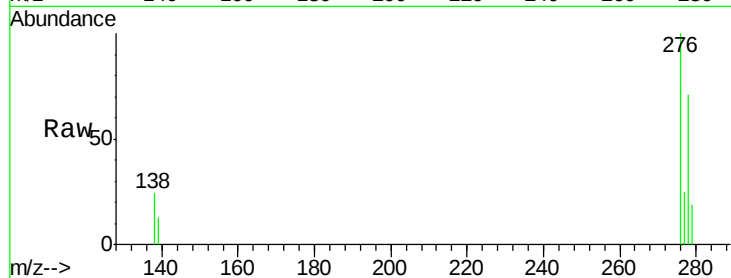
Time-->



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.421 ng
 RT: 27.24 min Scan# 3503
 Delta R.T. 0.01 min
 Lab File: BE095718.D
 Acq: 7 Mar 2018 11:40

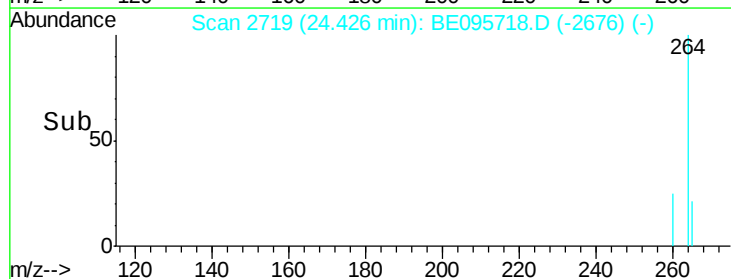
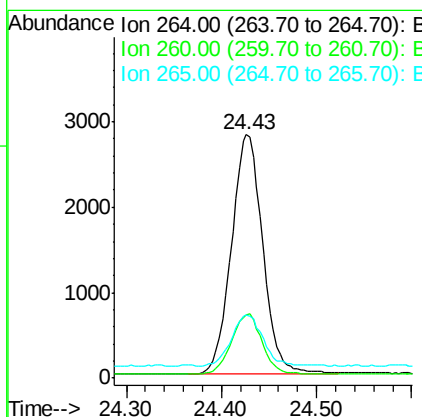
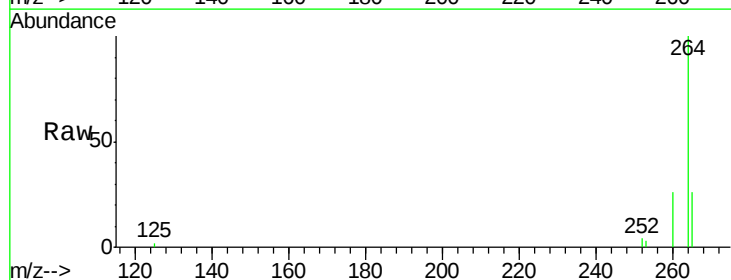
Instrument :
 BNA_E
 ClientSampleId :

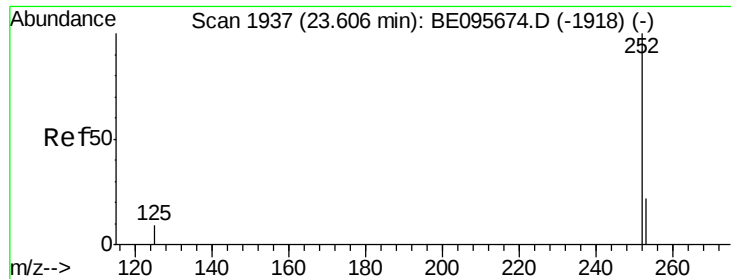
Tot Ion:276 Resp: 8986
 Ion Ratio Lower Upper
 276 100
 138 22.0 22.5 33.7#
 277 24.4 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.43 min Scan# 2719
 Delta R.T. 0.00 min
 Lab File: BE095718.D
 Acq: 7 Mar 2018 11:40

Tgt Ion:264 Resp: 6400
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.5 30.7
 265 25.8 22.8 34.2

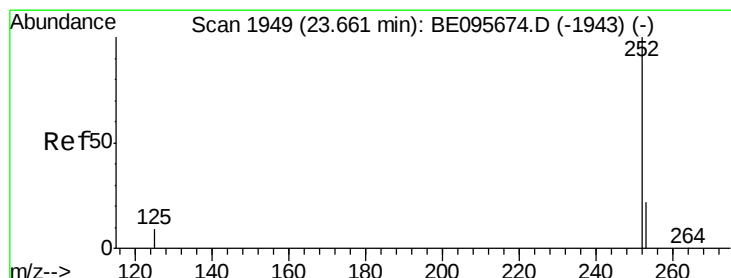
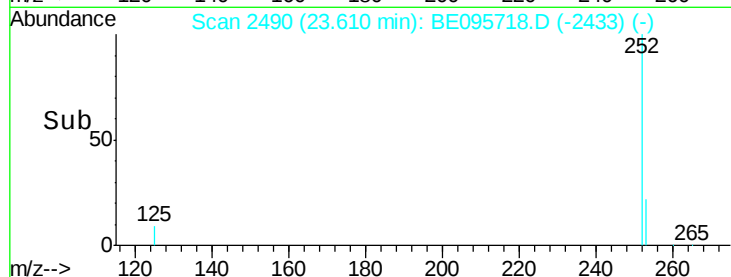
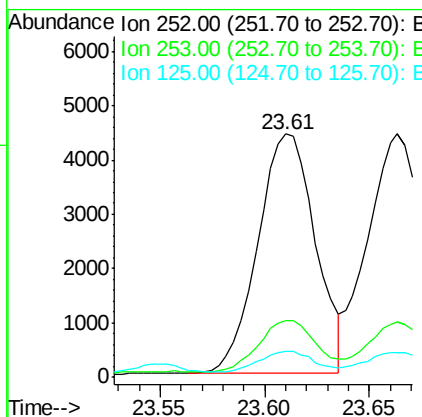
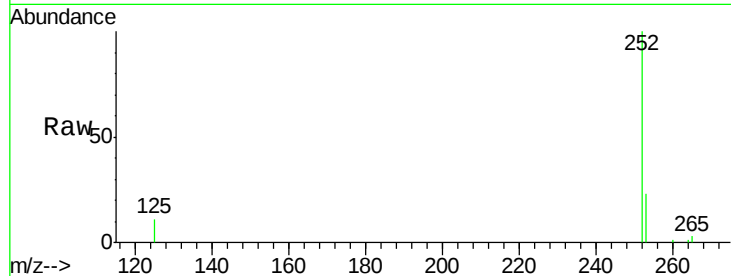




#35
Benzo(b)fluoranthene
Concen: 0.370 ng
RT: 23.61 min Scan# 2490
Delta R.T. 0.00 min
Lab File: BE095718.D
Acq: 7 Mar 2018 11:40

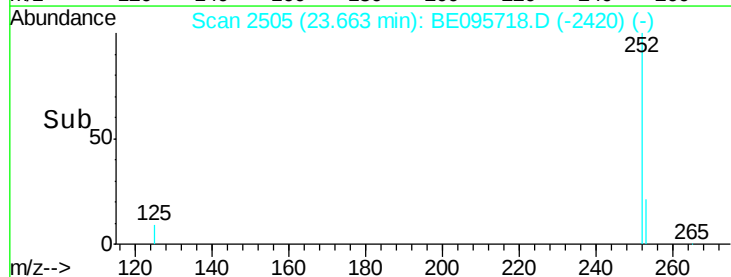
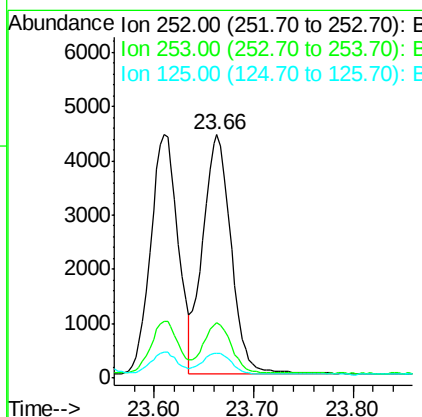
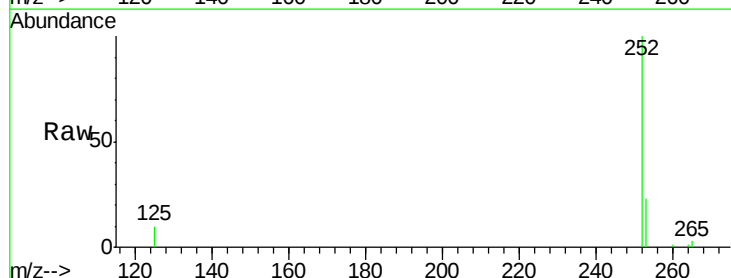
Instrument :
BNA_E
ClientSampleId :

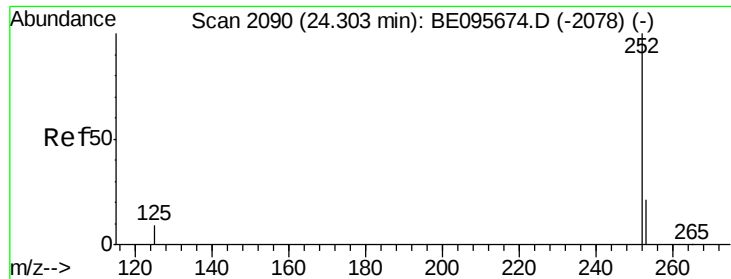
Tot Ion:252 Resp: 8439
Ion Ratio Lower Upper
252 100
253 23.3 20.0 30.0
125 10.6 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.384 ng
RT: 23.66 min Scan# 2505
Delta R.T. 0.00 min
Lab File: BE095718.D
Acq: 7 Mar 2018 11:40

Tgt Ion:252 Resp: 8700
Ion Ratio Lower Upper
252 100
253 22.9 16.0 24.0
125 10.4 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.379 ng

RT: 24.30 min Scan# 2685

Delta R.T. 0.00 min

Lab File: BE095718.D

Acq: 7 Mar 2018 11:40

Instrument :

BNA_E

ClientSampleId :

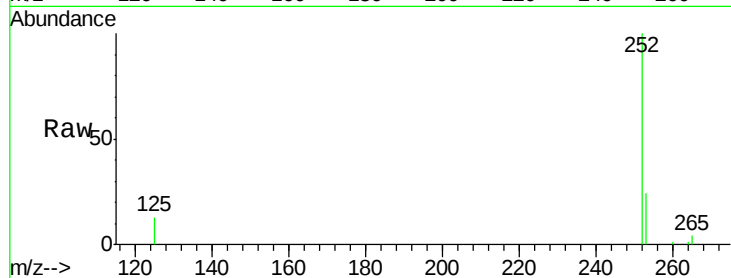
Tot Ion:252 Resp: 7798

Ion Ratio Lower Upper

252 100

253 24.2 16.0 24.0#

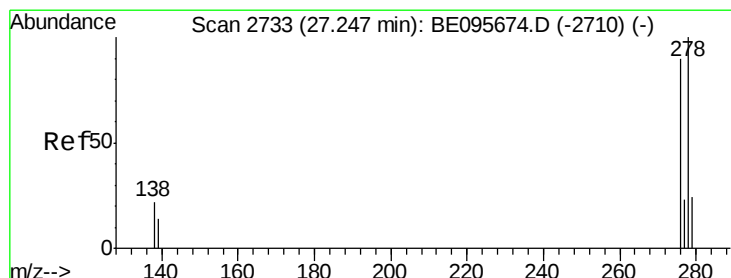
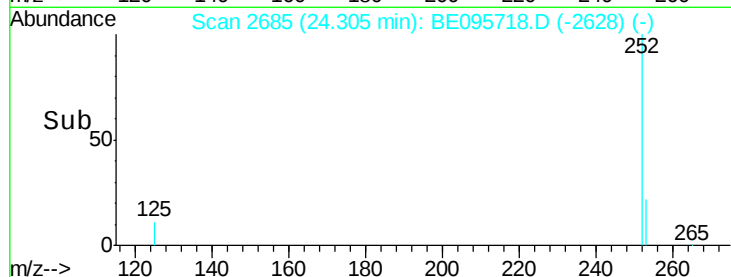
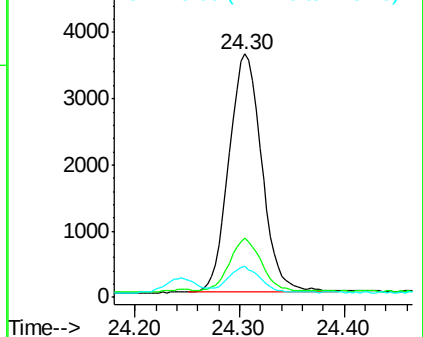
125 12.7 12.0 18.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.397 ng

RT: 27.25 min Scan# 3506

Delta R.T. 0.00 min

Lab File: BE095718.D

Acq: 7 Mar 2018 11:40

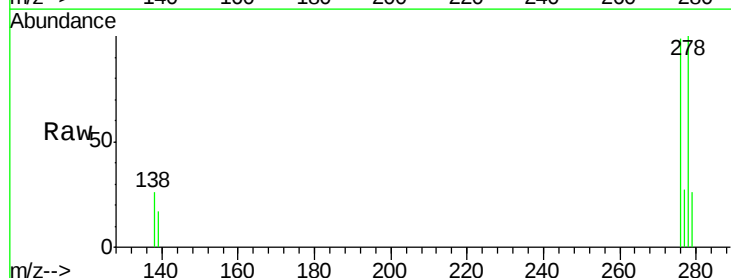
Tgt Ion:278 Resp: 7263

Ion Ratio Lower Upper

278 100

139 17.3 16.0 24.0

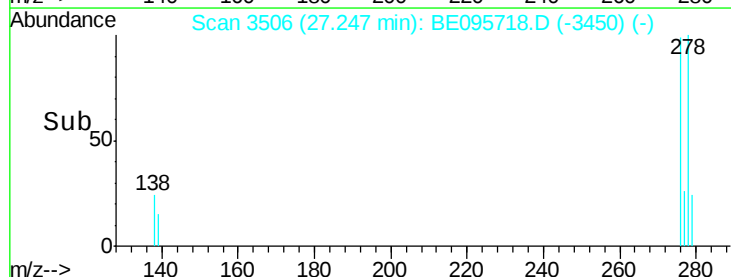
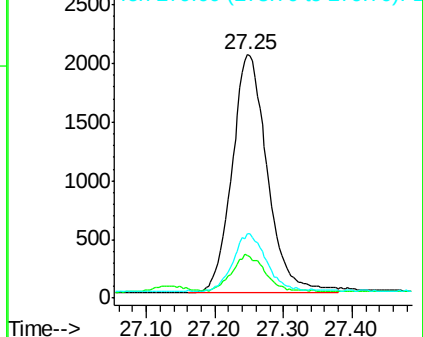
279 26.2 20.0 30.0

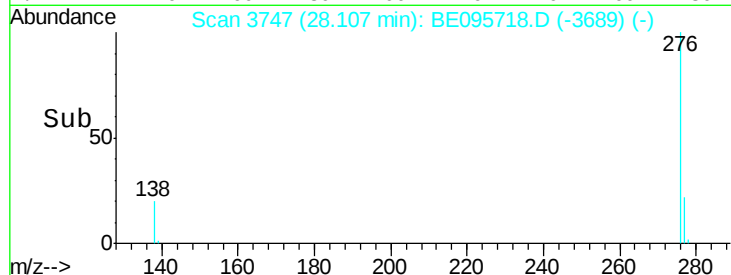
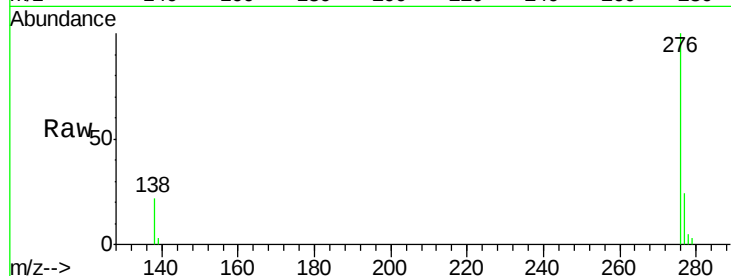
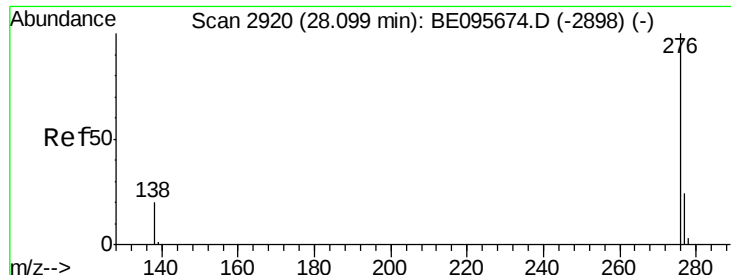


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.379 ng

RT: 28.11 min Scan# 3747

Delta R.T. 0.01 min

Lab File: BE095718.D

Acq: 7 Mar 2018 11:40

Instrument :

BNA_E

ClientSampleId :

Tot Ion:276 Resp: 7421

Ion Ratio Lower Upper

276 100

277 24.3 16.0 24.0#

138 22.1 20.0 30.0

