

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031218\
 Data File : BE095745.D
 Acq On : 13 Mar 2018 1:19
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 13 10:50:33 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	1650	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	6717	0.40	ng	-0.02
13) Acenaphthene-d10	15.00	164	3846	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	8577	0.40	ng	0.00
27) Chrysene-d12	21.80	240	8722	0.40	ng	0.00
34) Perylene-d12	24.42	264	8002	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	1653	0.38	ng	0.00
5) Phenol-d6	7.56	99	2461	0.41	ng	0.00
8) Nitrobenzene-d5	9.61	82	2476	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	4099	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	557	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	6226	0.36	ng	0.00
25) Fluoranthene-d10	19.69	212	39157	0.35	ng	0.00
29) Terphenyl-d14	20.24	244	6327	0.36	ng	-0.01

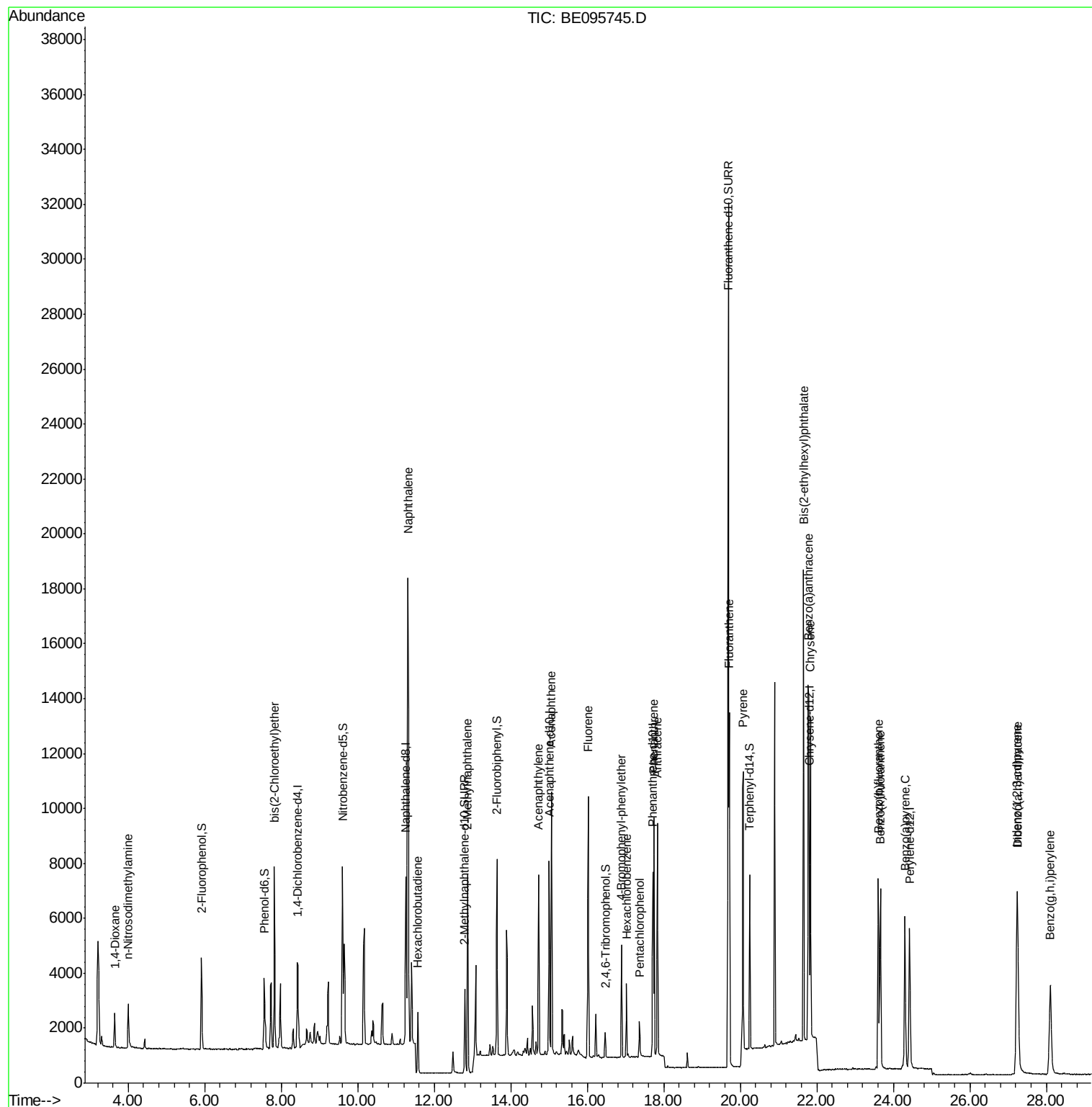
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.65	88	898	0.346	ng	# 93
3) n-Nitrosodimethylamine	4.00	42	1195	0.371	ng	# 83
6) bis(2-Chloroethyl)ether	7.82	93	2278	0.368	ng	94
9) Naphthalene	11.31	128	28024	0.362	ng	100
10) Hexachlorobutadiene	11.57	225	1995	0.442	ng	90
12) 2-Methylnaphthalene	12.87	142	4863	0.364	ng	94
16) Acenaphthylene	14.73	152	7755	0.359	ng	99
17) Acenaphthene	15.06	154	4860	0.358	ng	94
18) Fluorene	16.03	166	6056	0.360	ng	# 79
20) 4-Bromophenyl-phenylether	16.89	248	1951	0.362	ng	# 79
21) Hexachlorobenzene	17.02	284	1927	0.346	ng	# 81
22) Pentachlorophenol	17.36	266	723	0.532	ng	# 75
23) Phenanthrene	17.74	178	9624	0.359	ng	99
24) Anthracene	17.84	178	8641	0.351	ng	# 95
26) Fluoranthene	19.72	202	11350	0.344	ng	# 97
28) Pyrene	20.07	202	13575	0.381	ng	99
30) Benzo(a)anthracene	21.78	228	10690	0.376	ng	98
31) Chrysene	21.84	228	9962	0.352	ng	99
32) Bis(2-ethylhexyl)phthalate	21.66	149	20297	0.403	ng	100
33) Indeno(1,2,3-cd)pyrene	27.23	276	10366	0.378	ng	# 93
35) Benzo(b)fluoranthene	23.61	252	10022	0.352	ng	# 89
36) Benzo(k)fluoranthene	23.66	252	9939	0.351	ng	95
37) Benzo(a)pyrene	24.30	252	9120	0.355	ng	# 92
38) Dibenzo(a,h)anthracene	27.25	278	8493	0.372	ng	96
39) Benzo(g,h,i)perylene	28.10	276	8678	0.354	ng	# 91

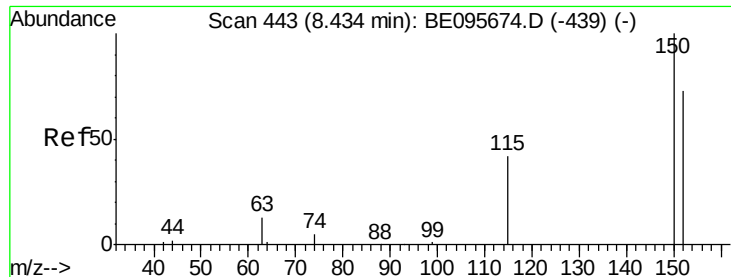
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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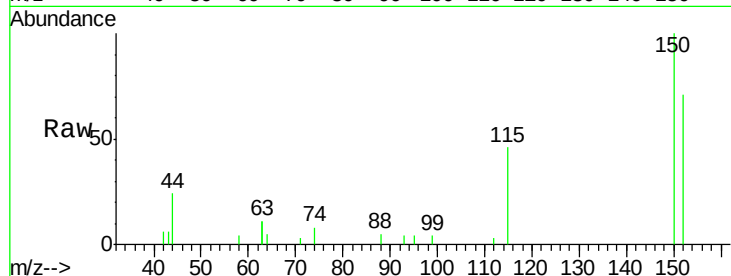


#1

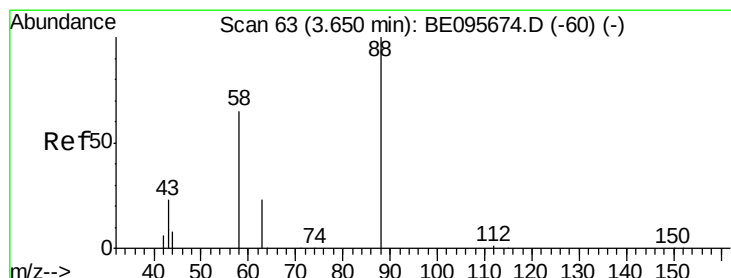
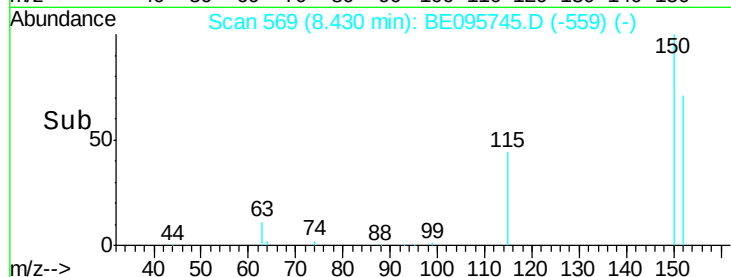
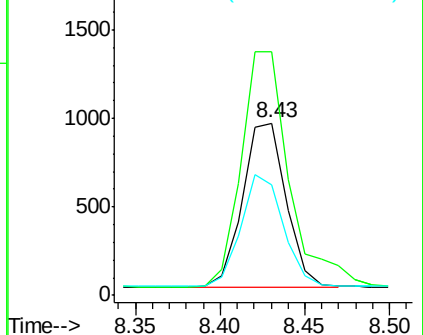
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 569
Delta R.T. -0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1650
Ion Ratio Lower Upper
152 100
150 141.5 117.2 175.8
115 64.5 57.0 85.6



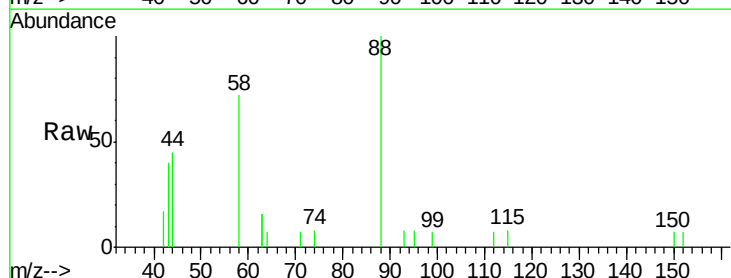
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



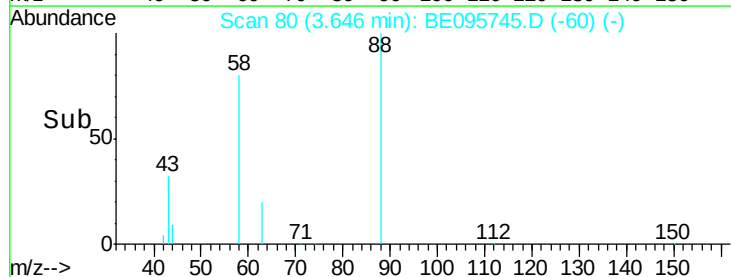
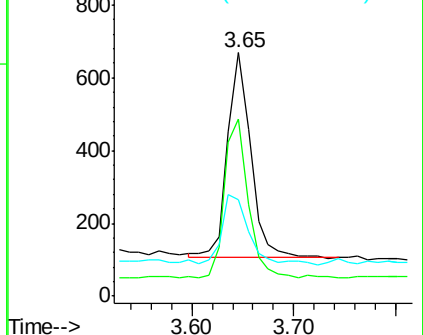
#2

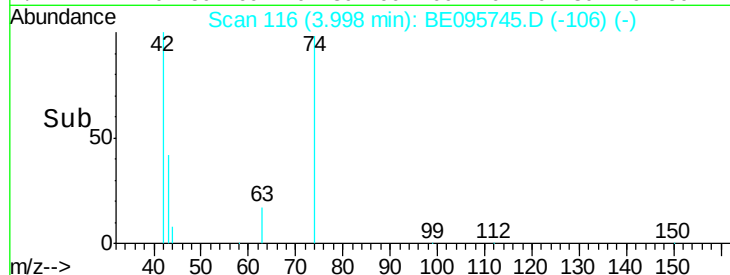
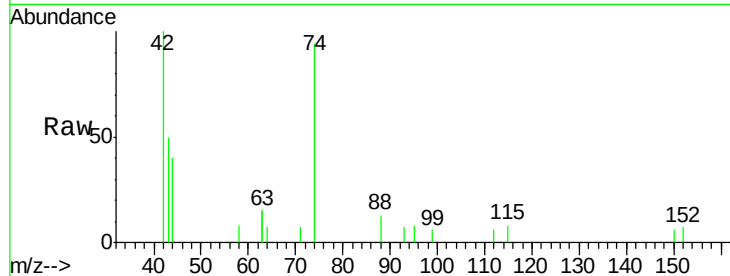
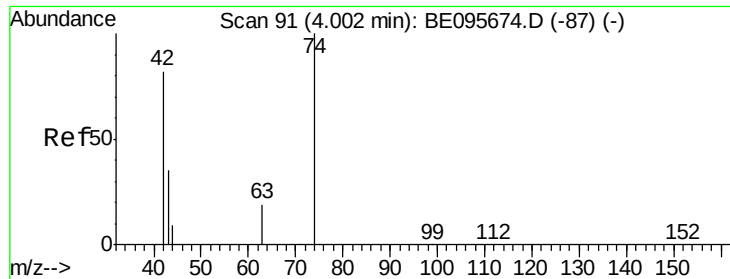
1,4-Dioxane
Concen: 0.346 ng
RT: 3.65 min Scan# 80
Delta R.T. -0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Tgt Ion: 88 Resp: 898
Ion Ratio Lower Upper
88 100
58 77.8 63.2 94.8
43 40.3 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: 0.371 ng

RT: 4.00 min Scan# 116

Delta R.T. -0.00 min

Lab File: BE095745.D

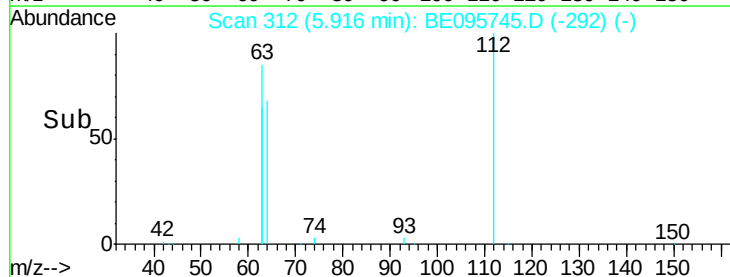
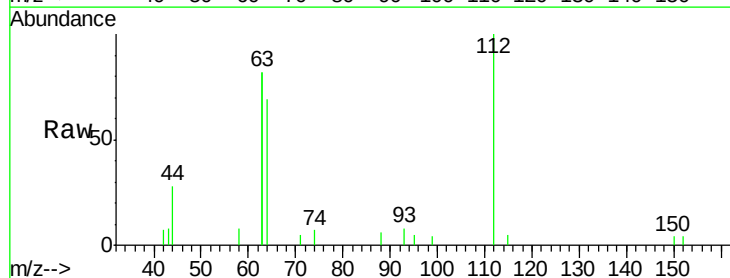
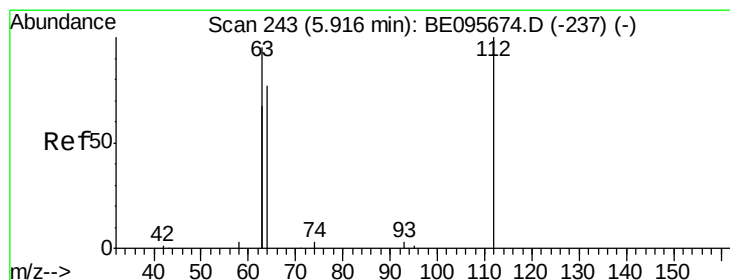
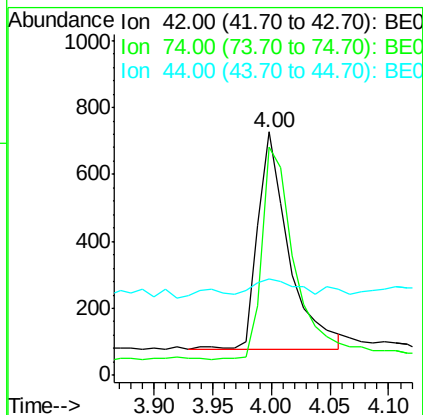
Acq: 13 Mar 2018 1:19

Instrument :

BNA_E

ClientSampled :

Tot Ion:	42	Resp:	1195
Ion	Ratio	Lower	Upper
42	100		
74	101.1	96.0	144.0
44	9.7	12.0	18.0#



#4

2-Fluorophenol

Concen: 0.379 ng

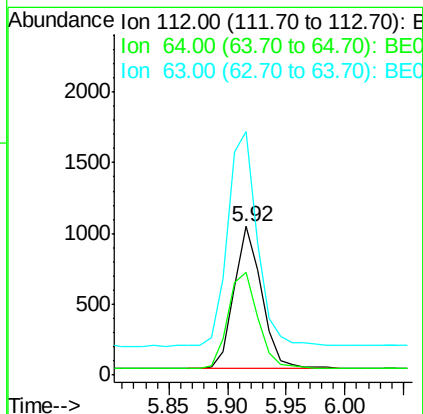
RT: 5.92 min Scan# 312

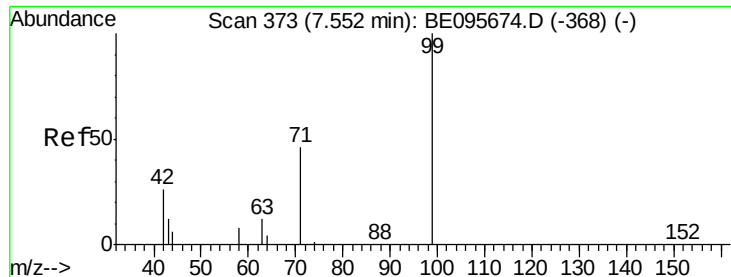
Delta R.T. 0.00 min

Lab File: BE095745.D

Acq: 13 Mar 2018 1:19

Tgt Ion:	112	Resp:	1653
Ion	Ratio	Lower	Upper
112	100		
64	74.3	60.1	90.1
63	161.0	116.8	175.2





#5

Phenol-d6

Concen: 0.408 ng

RT: 7.56 min Scan# 480

Delta R.T. 0.01 min

Lab File: BE095745.D

Acq: 13 Mar 2018 1:19

Instrument :

BNA_E

ClientSampleId :

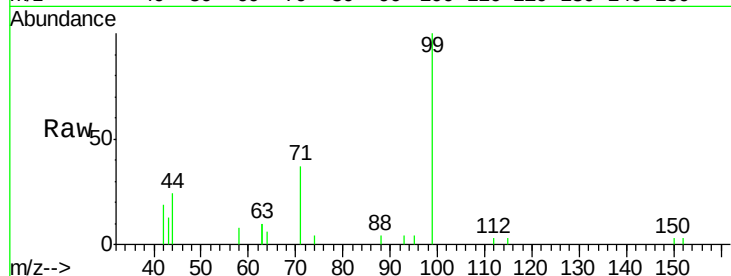
Tot Ion: 99 Resp: 2461

Ion Ratio Lower Upper

99 100

42 25.5 20.2 30.2

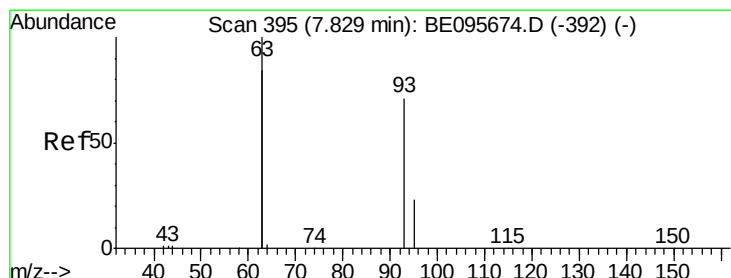
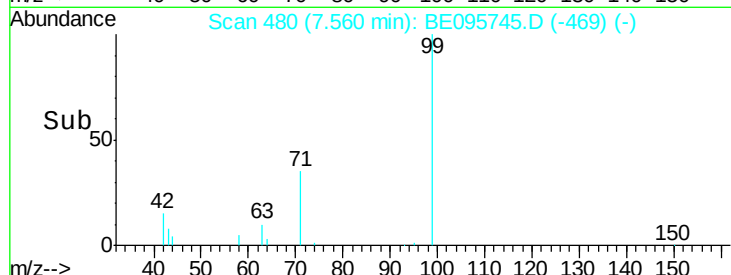
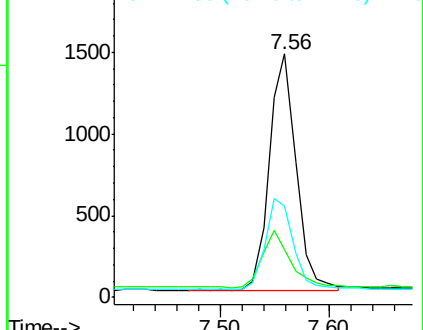
71 40.2 28.4 42.6



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: 0.368 ng

RT: 7.82 min Scan# 507

Delta R.T. -0.01 min

Lab File: BE095745.D

Acq: 13 Mar 2018 1:19

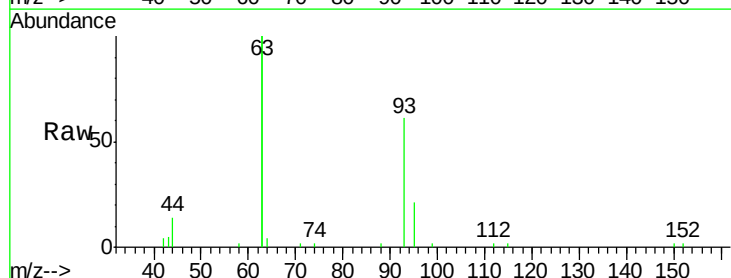
Tgt Ion: 93 Resp: 2278

Ion Ratio Lower Upper

93 100

63 331.0 275.3 412.9

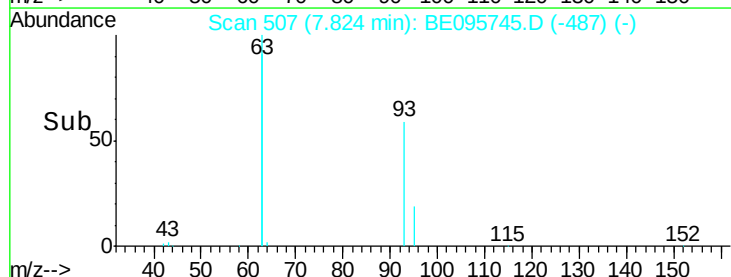
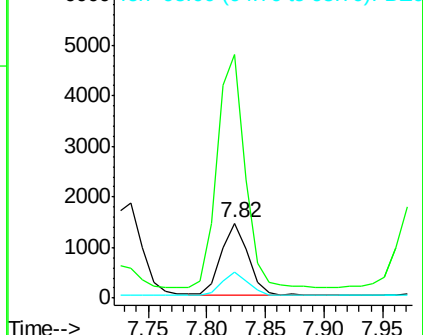
95 31.6 25.2 37.8

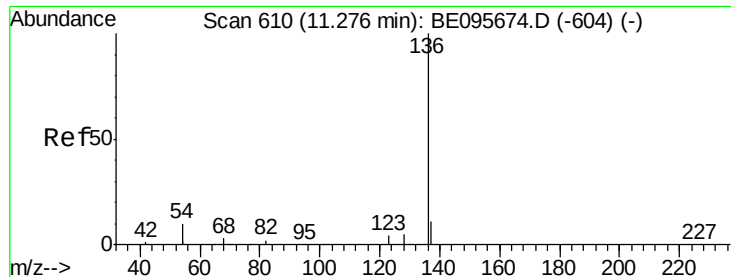


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.26 min Scan# 784

Delta R.T. -0.02 min

Lab File: BE095745.D

Acq: 13 Mar 2018 1:19

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 6717

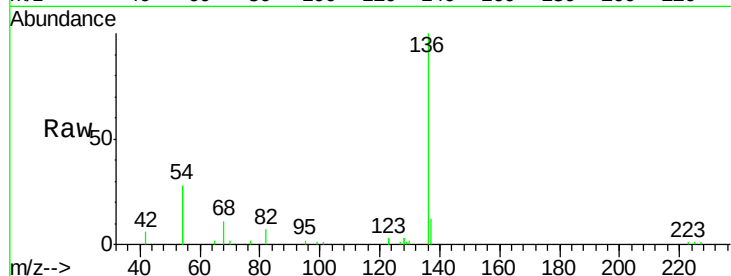
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 56.0 29.1 43.7#

68 10.6 6.2 9.2#

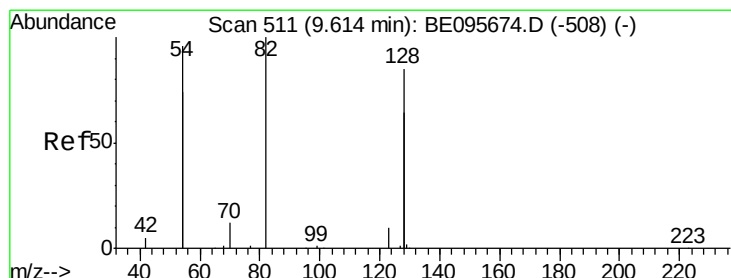
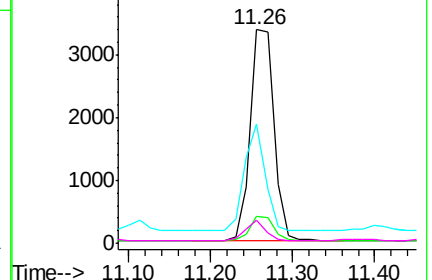
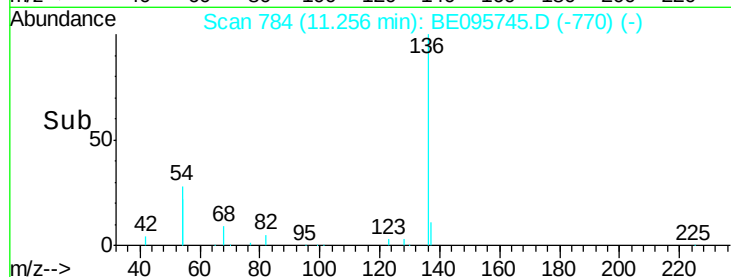


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.358 ng

RT: 9.61 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE095745.D

Acq: 13 Mar 2018 1:19

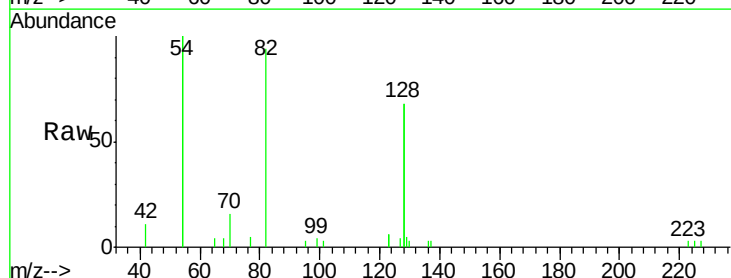
Tgt Ion: 82 Resp: 2476

Ion Ratio Lower Upper

82 100

128 143.9 150.0 225.0#

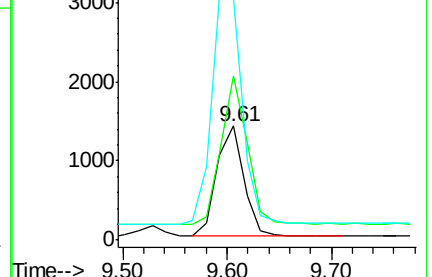
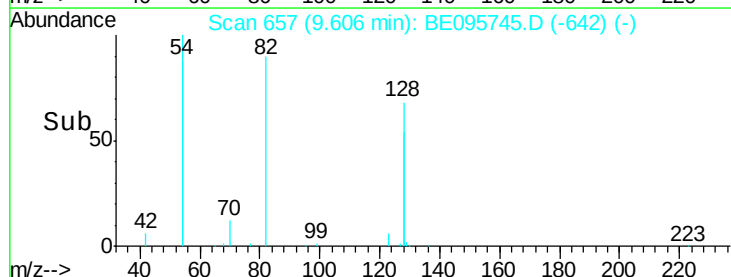
54 213.1 154.2 231.4

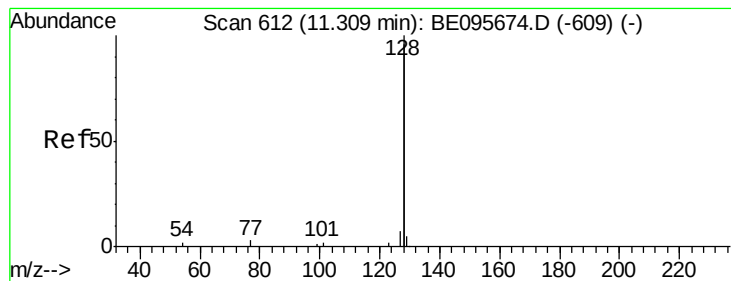


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.362 ng

RT: 11.31 min Scan# 788

Delta R.T. -0.00 min

Lab File: BE095745.D

Acq: 13 Mar 2018 1:19

Instrument :

BNA_E

ClientSampleId :

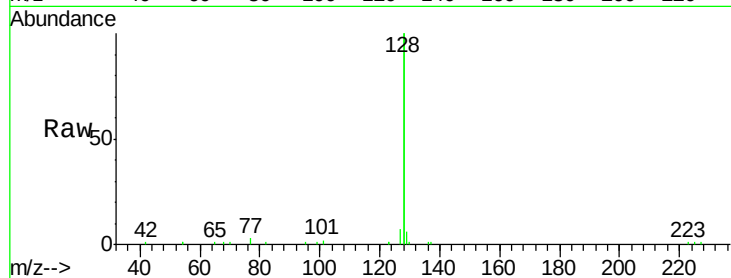
Tot Ion:128 Resp: 28024

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

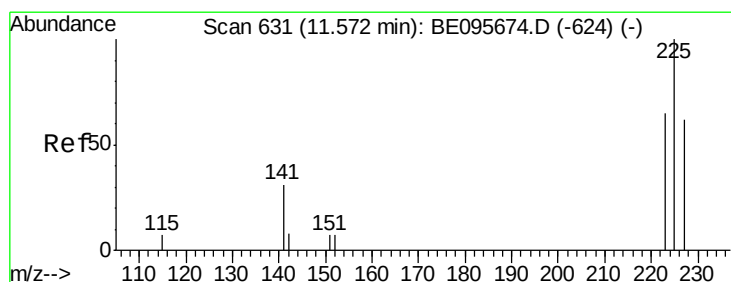
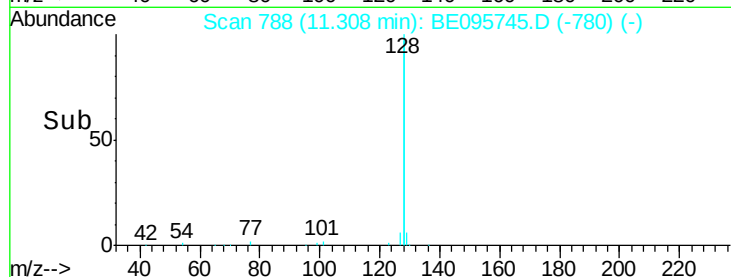
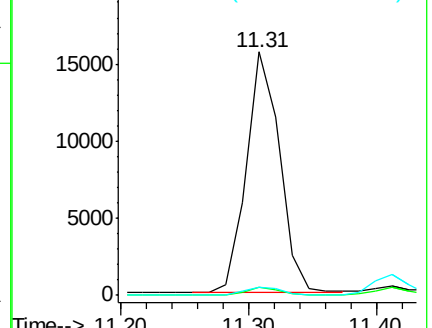
127 3.5 2.8 4.2



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: 0.442 ng

RT: 11.57 min Scan# 812

Delta R.T. -0.00 min

Lab File: BE095745.D

Acq: 13 Mar 2018 1:19

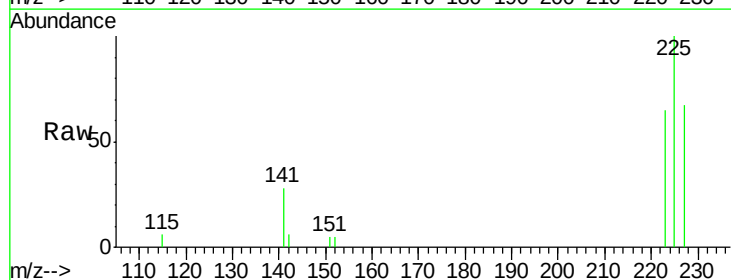
Tgt Ion:225 Resp: 1995

Ion Ratio Lower Upper

225 100

223 56.1 53.0 79.6

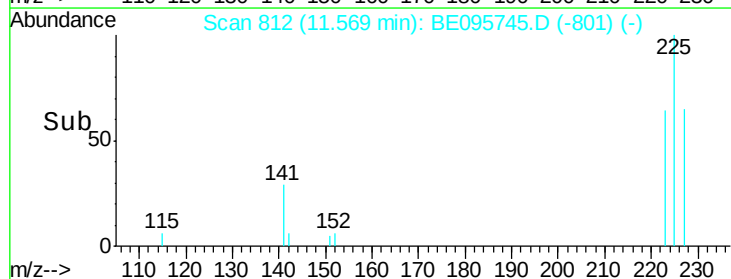
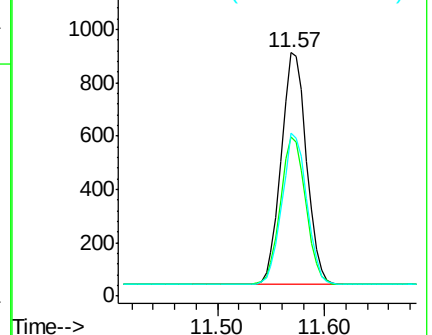
227 59.2 51.4 77.2

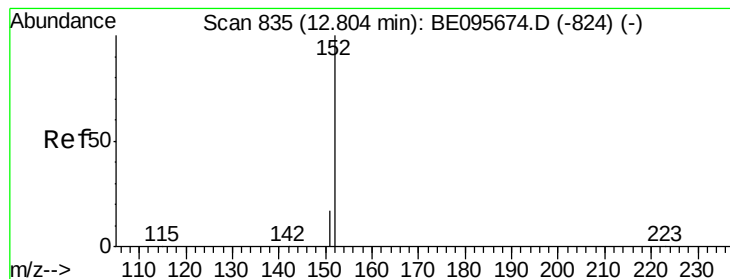


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.365 ng

RT: 12.80 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BE095745.D

Acq: 13 Mar 2018 1:19

Instrument :

BNA_E

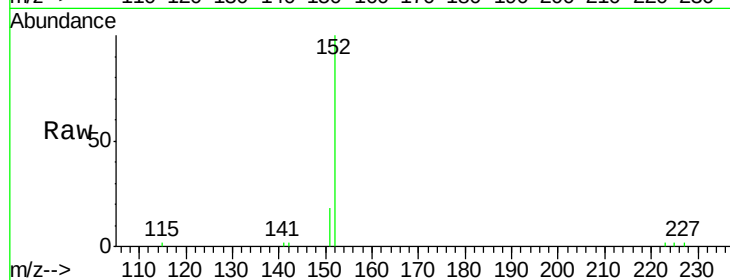
ClientSampleId :

Tot Ion:152 Resp: 4099

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.80

2500

2000

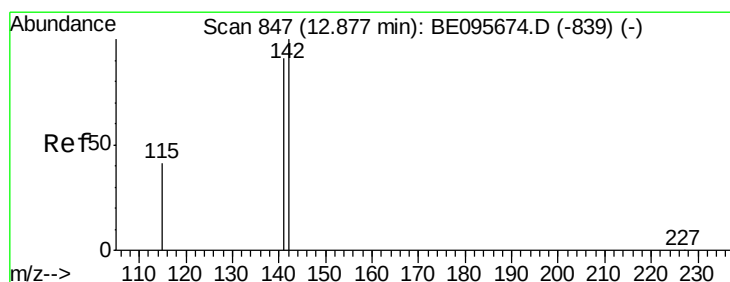
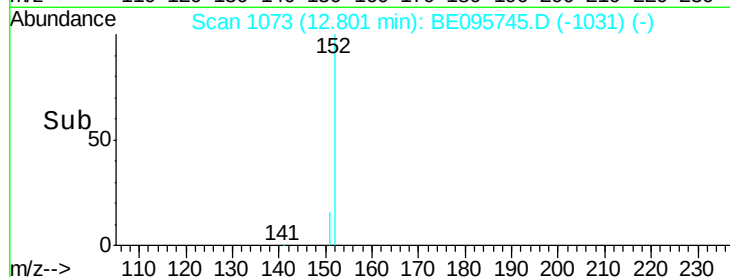
1500

1000

500

0

Time--> 12.70 12.75 12.80 12.85



#12

2-Methylnaphthalene

Concen: 0.364 ng

RT: 12.87 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BE095745.D

Acq: 13 Mar 2018 1:19

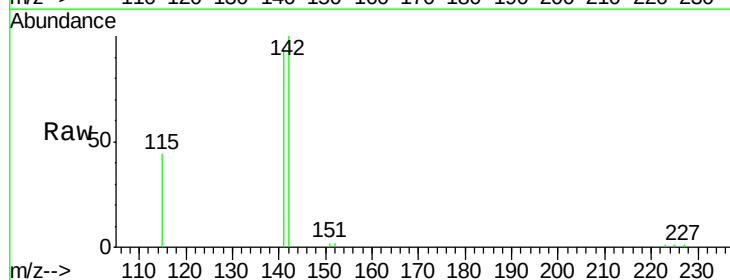
Tgt Ion:142 Resp: 4863

Ion Ratio Lower Upper

142 100

141 93.1 70.4 105.6

115 44.1 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

12.87

4000

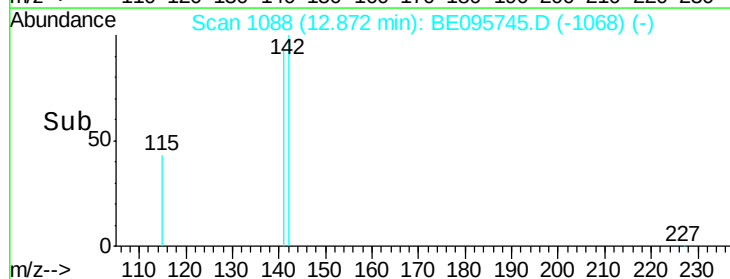
3000

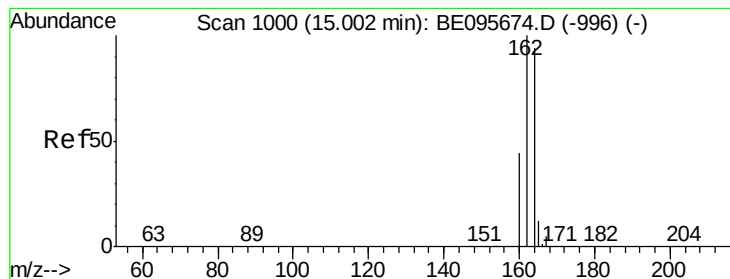
2000

1000

0

Time--> 12.80 12.85 12.90 12.95





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.00 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BE095745.D

Acq: 13 Mar 2018 1:19

Instrument :

BNA_E

ClientSampleId :

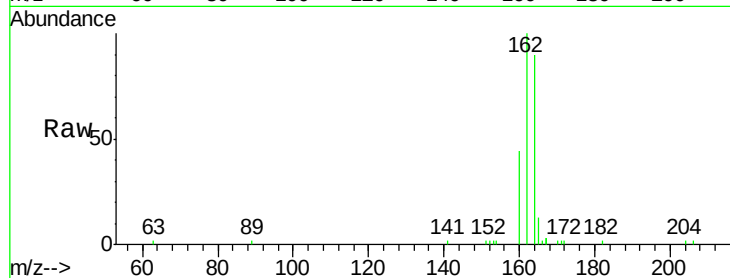
Tot Ion:164 Resp: 3846

Ion Ratio Lower Upper

164 100

162 111.6 83.1 124.7

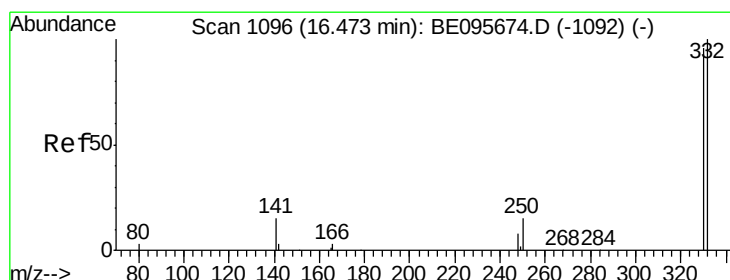
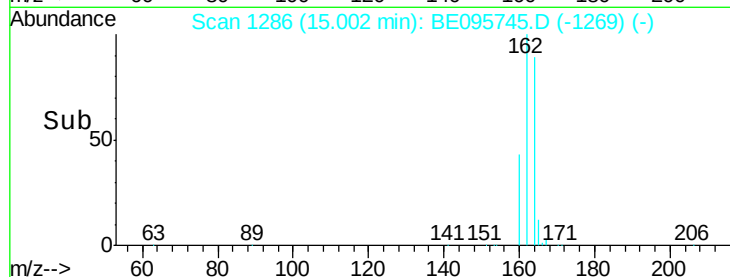
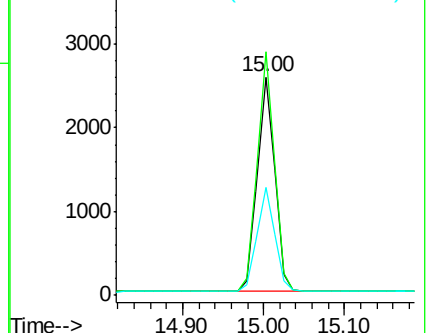
160 49.3 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.418 ng

RT: 16.47 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BE095745.D

Acq: 13 Mar 2018 1:19

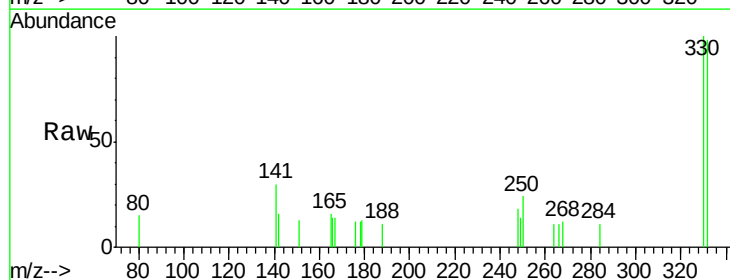
Tgt Ion:330 Resp: 557

Ion Ratio Lower Upper

330 100

332 96.6 152.7 229.1#

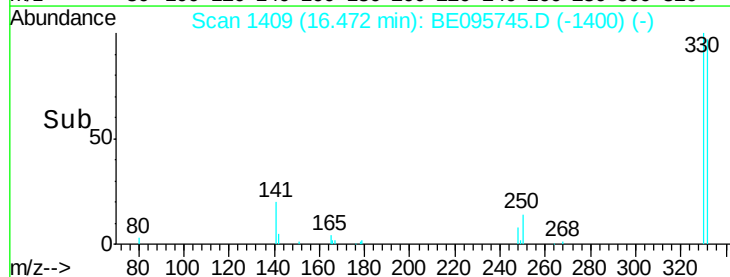
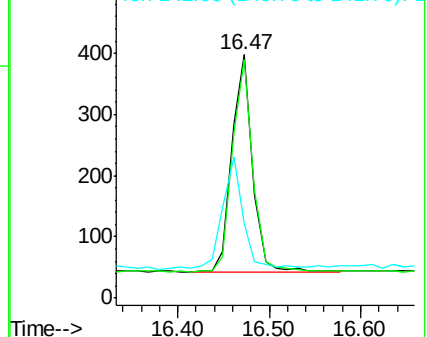
141 49.9 33.7 50.5

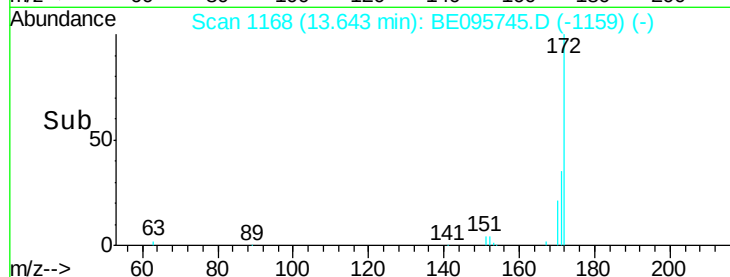
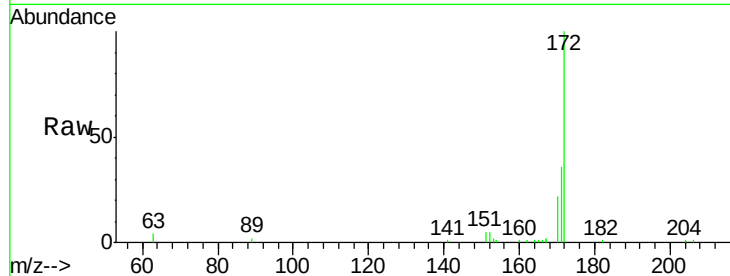
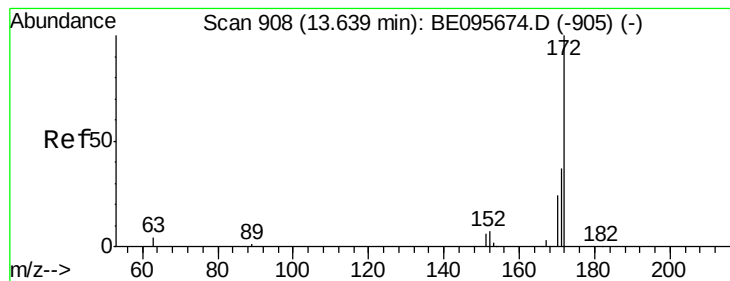


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.362 ng

RT: 13.64 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BE095745.D

Acq: 13 Mar 2018 1:19

Instrument :

BNA_E

ClientSampled :

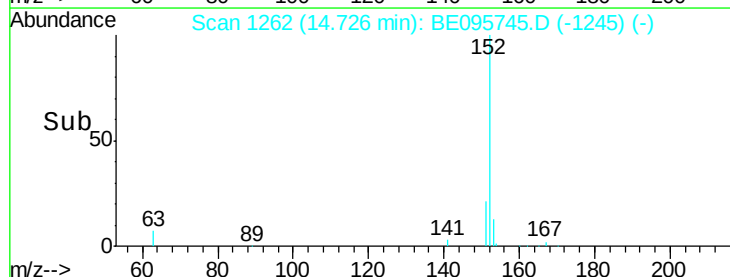
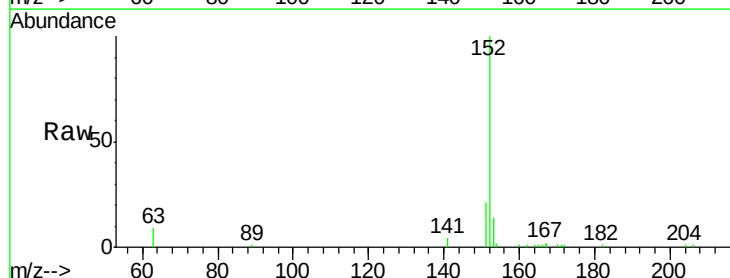
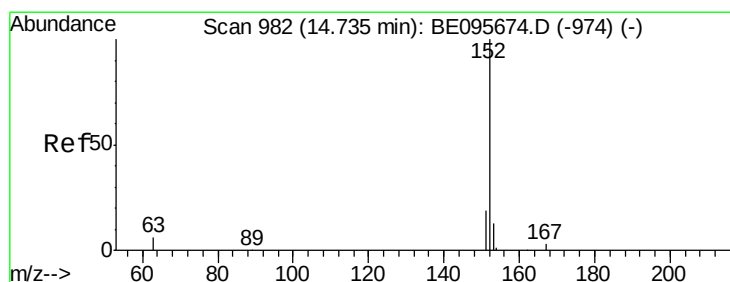
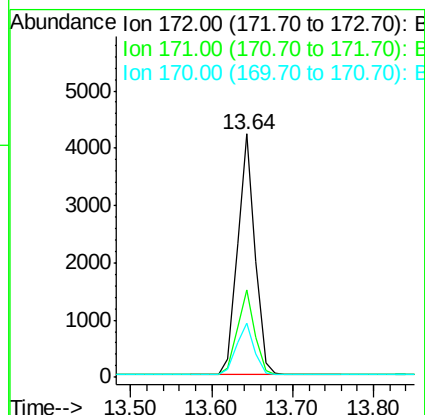
Tot Ion:172 Resp: 6226

Ion Ratio Lower Upper

172 100

171 35.8 29.9 44.9

170 22.2 21.8 32.8



#16

Acenaphthylene

Concen: 0.359 ng

RT: 14.73 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BE095745.D

Acq: 13 Mar 2018 1:19

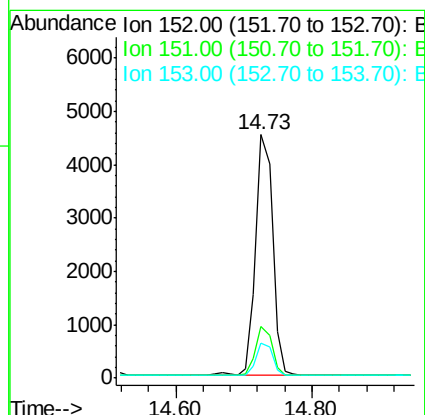
Tgt Ion:152 Resp: 7755

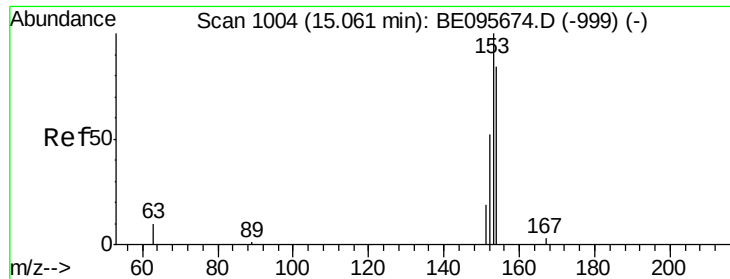
Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

153 13.4 10.5 15.7

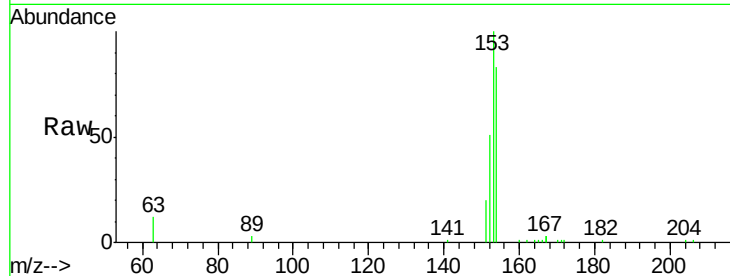




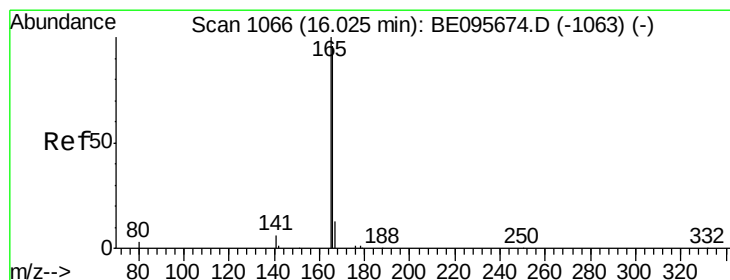
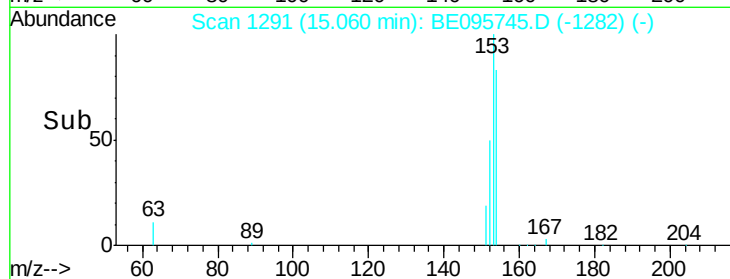
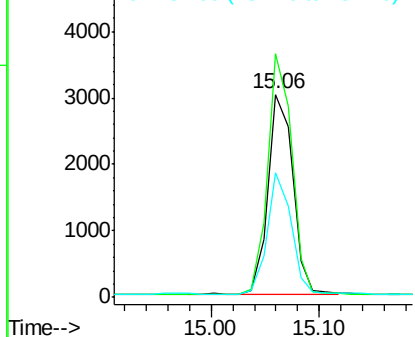
#17
Acenaphthene
Concen: 0.358 ng
RT: 15.06 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 4860
Ion Ratio Lower Upper
154 100
153 116.6 89.2 133.8
152 58.0 42.0 63.0

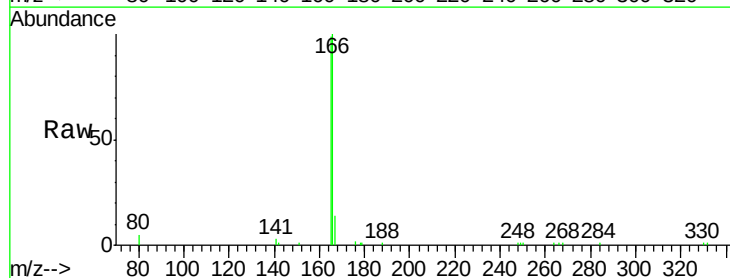


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

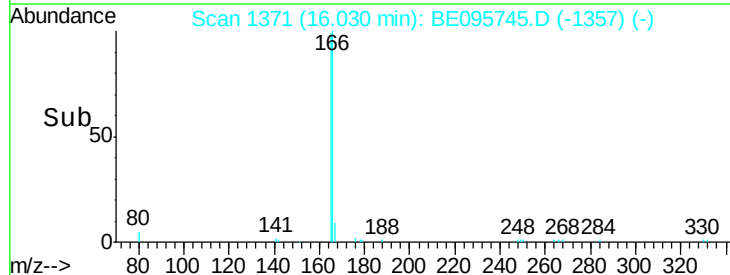
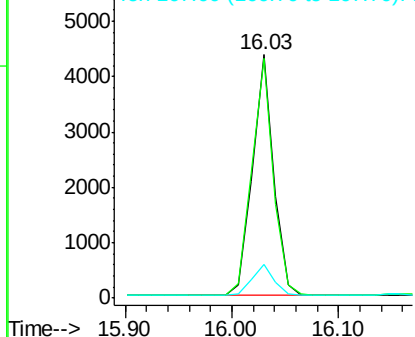


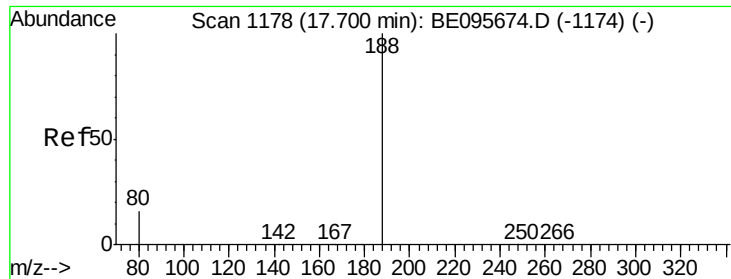
#18
Fluorene
Concen: 0.360 ng
RT: 16.03 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Tgt Ion:166 Resp: 6056
Ion Ratio Lower Upper
166 100
165 99.7 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: BE095745.D

Acq: 13 Mar 2018 1:19

Instrument :

BNA_E

ClientSampleId :

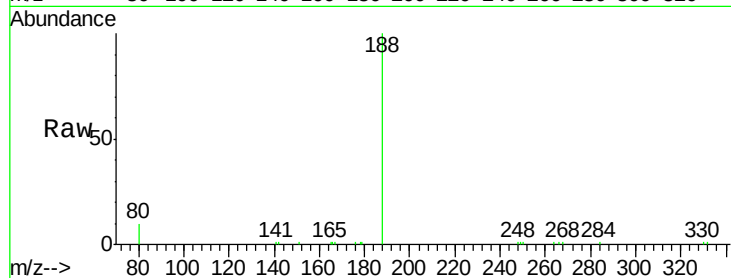
Tot Ion:188 Resp: 8577

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

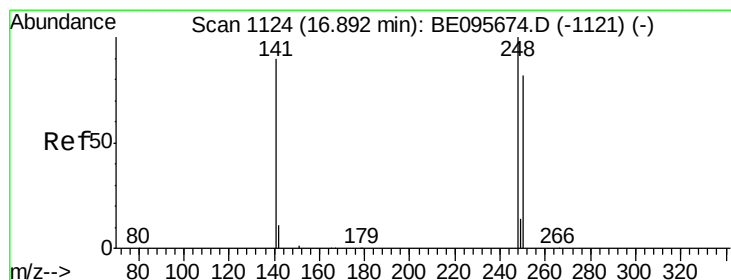
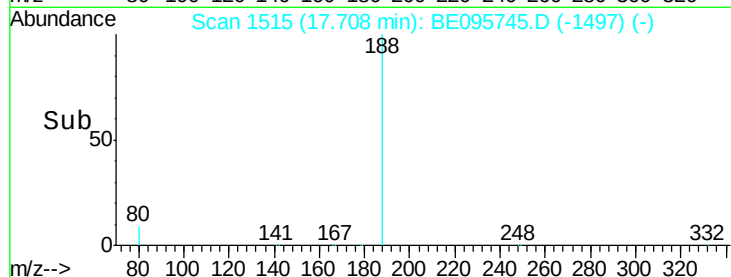
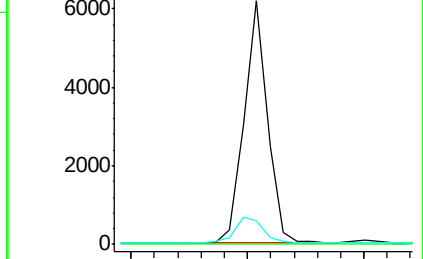
80 9.7 3.6 5.4#



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: 0.362 ng

RT: 16.89 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BE095745.D

Acq: 13 Mar 2018 1:19

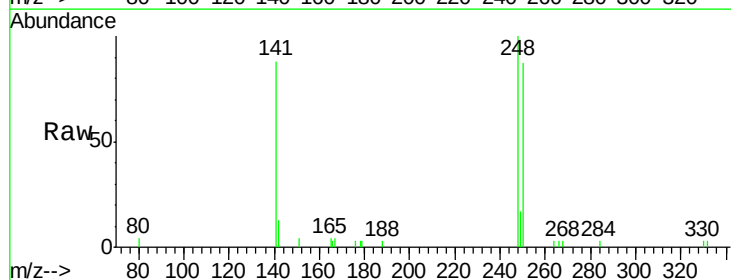
Tgt Ion:248 Resp: 1951

Ion Ratio Lower Upper

248 100

250 86.8 62.7 94.1

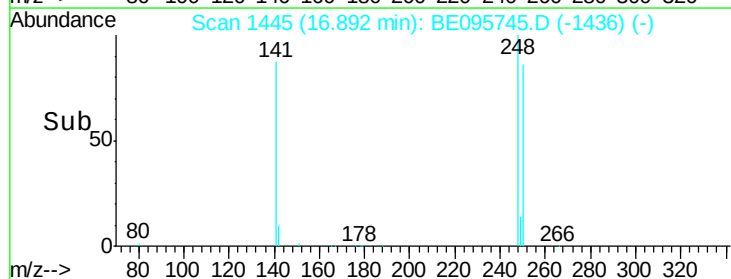
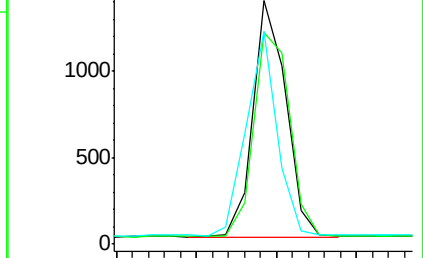
141 87.7 48.2 72.2#

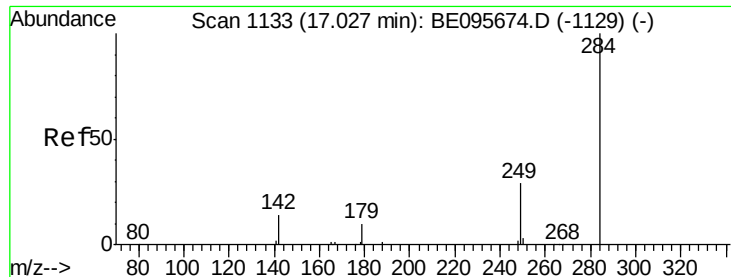


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.346 ng

RT: 17.02 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BE095745.D

Acq: 13 Mar 2018 1:19

Instrument :

BNA_E

ClientSampleId :

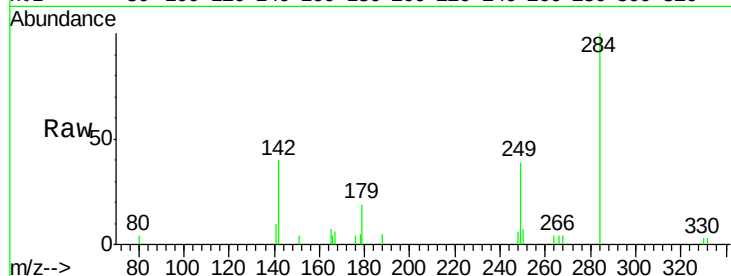
Tot Ion:284 Resp: 1927

Ion Ratio Lower Upper

284 100

142 41.6 22.1 33.1#

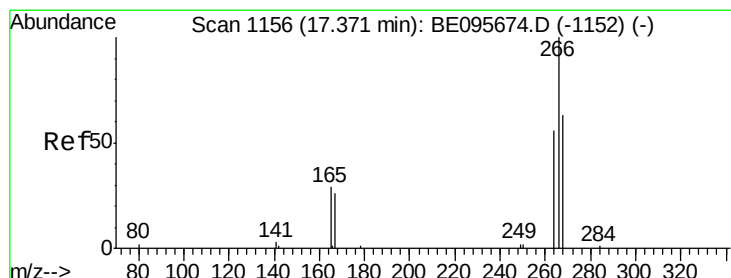
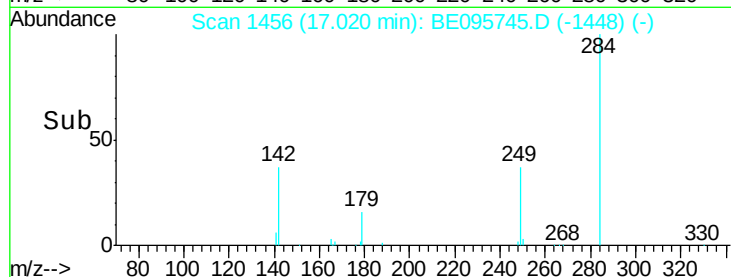
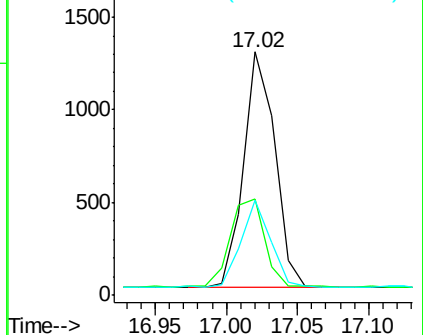
249 34.8 34.8 52.2#



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: 0.532 ng

RT: 17.36 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE095745.D

Acq: 13 Mar 2018 1:19

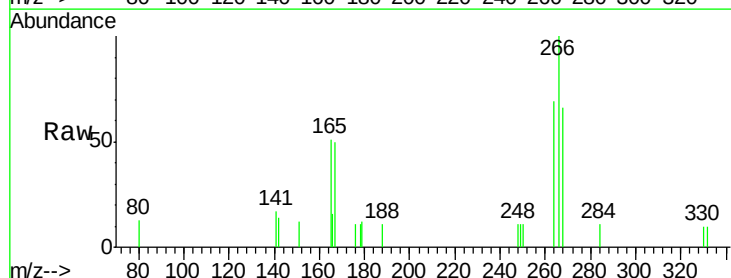
Tgt Ion:266 Resp: 723

Ion Ratio Lower Upper

266 100

264 69.5 72.5 108.7#

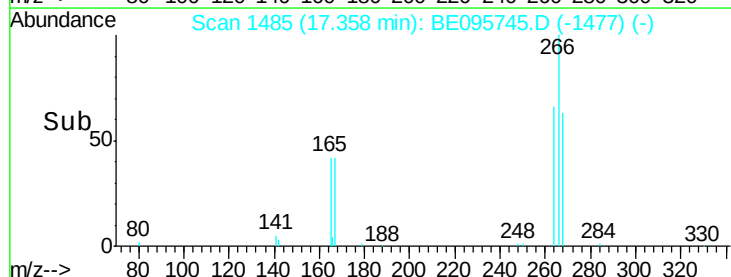
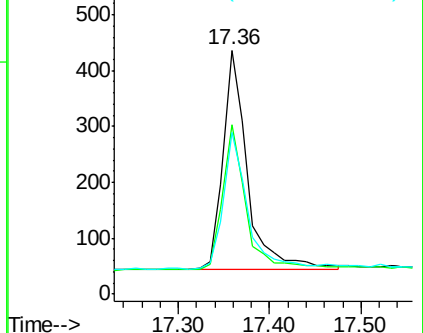
268 66.3 73.8 110.6#

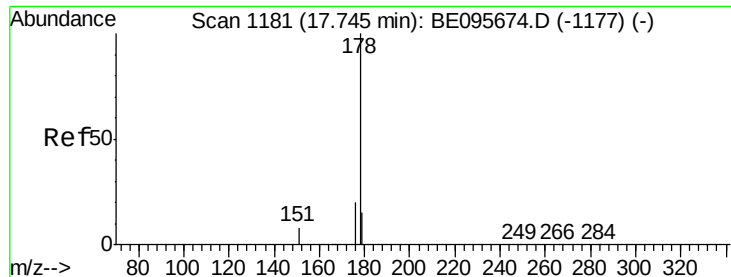


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.359 ng

RT: 17.74 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BE095745.D

Acq: 13 Mar 2018 1:19

Instrument :

BNA_E

ClientSampleId :

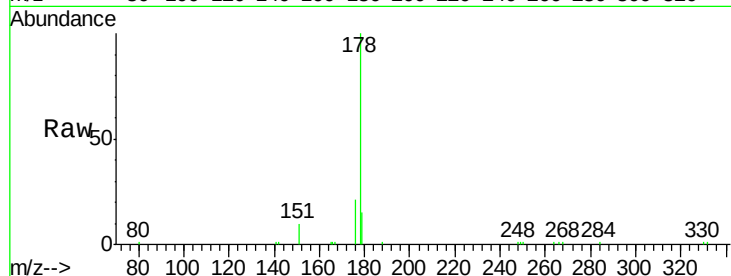
Tot Ion:178 Resp: 9624

Ion Ratio Lower Upper

178 100

176 19.8 15.1 22.7

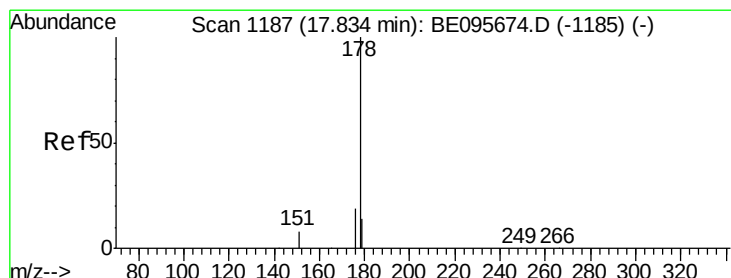
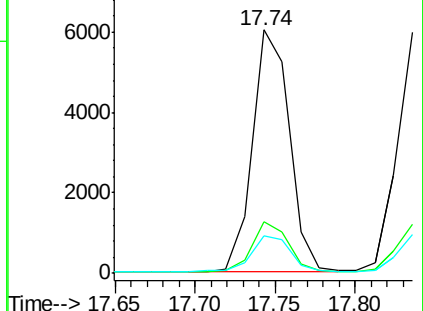
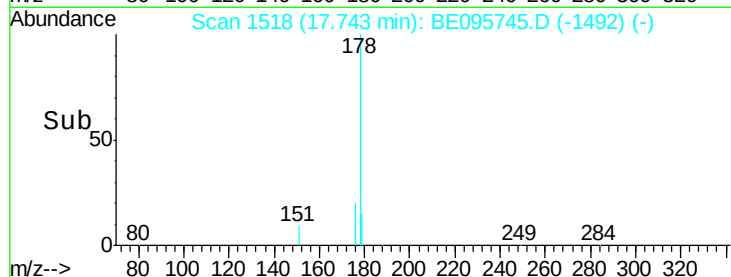
179 14.8 11.8 17.6



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: 0.351 ng

RT: 17.84 min Scan# 1526

Delta R.T. 0.00 min

Lab File: BE095745.D

Acq: 13 Mar 2018 1:19

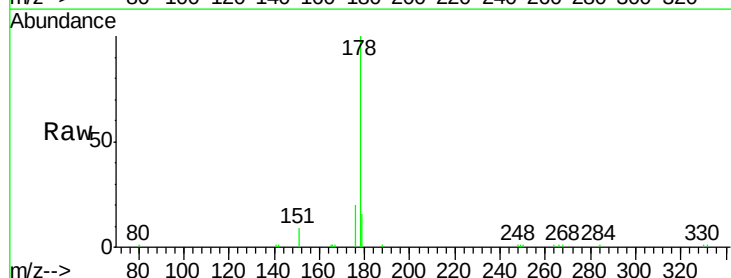
Tgt Ion:178 Resp: 8641

Ion Ratio Lower Upper

178 100

176 19.6 12.8 19.2#

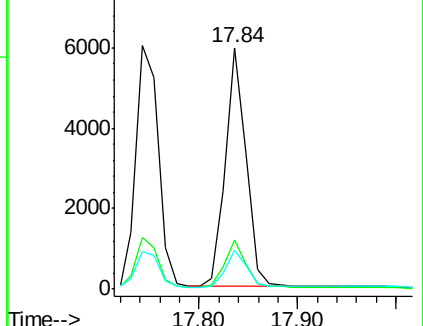
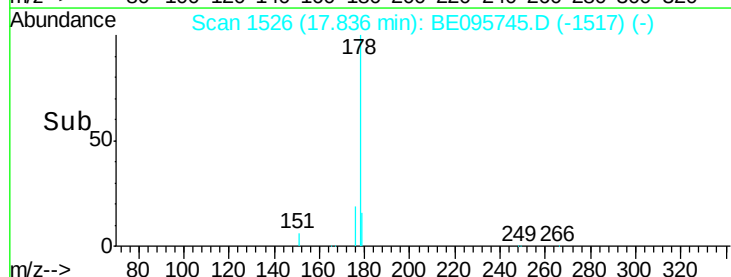
179 15.6 13.0 19.6

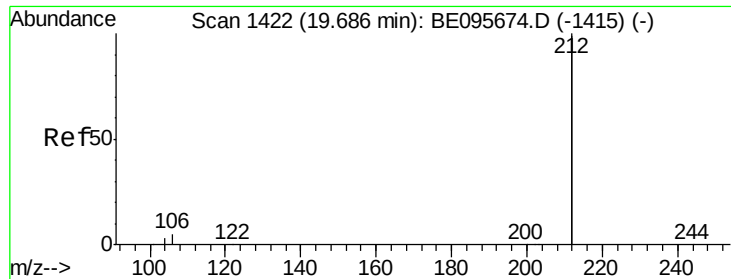


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.350 ng

RT: 19.69 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE095745.D

Acq: 13 Mar 2018 1:19

Instrument :

BNA_E

ClientSampleId :

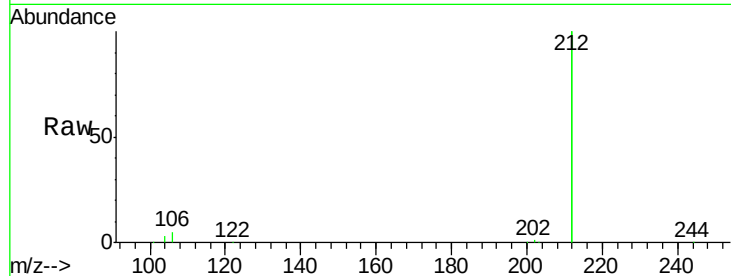
Tot Ion:212 Resp: 39157

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

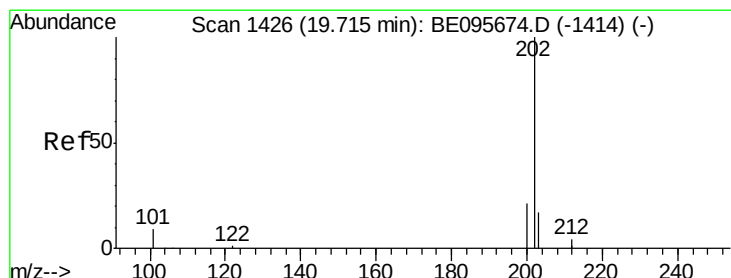
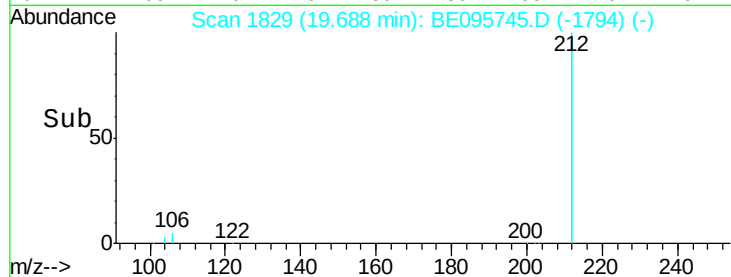
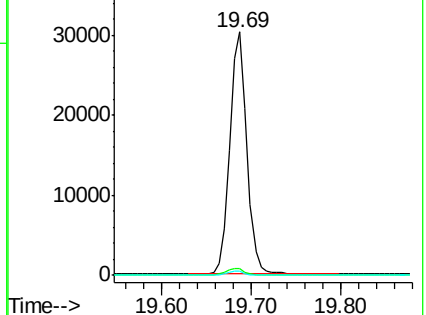
104 1.6 1.6 2.4



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: 0.344 ng

RT: 19.72 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BE095745.D

Acq: 13 Mar 2018 1:19

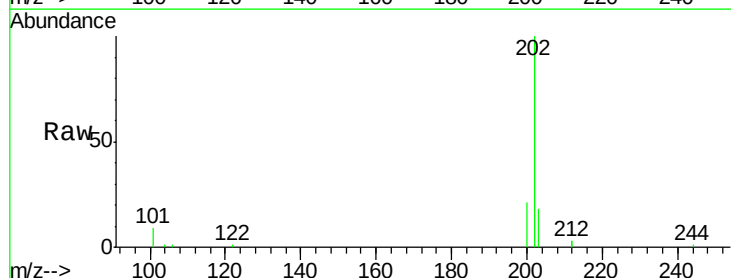
Tgt Ion:202 Resp: 11350

Ion Ratio Lower Upper

202 100

101 9.8 9.8 14.8#

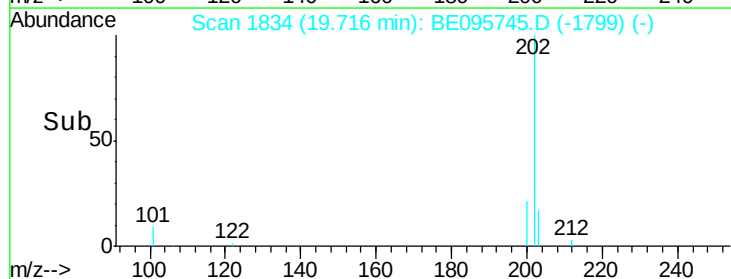
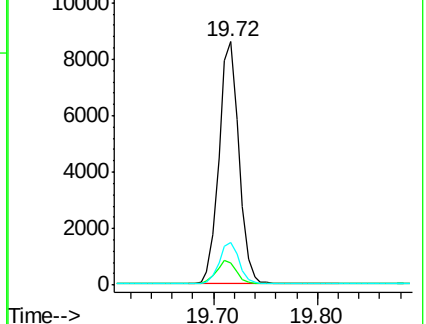
203 17.2 13.7 20.5

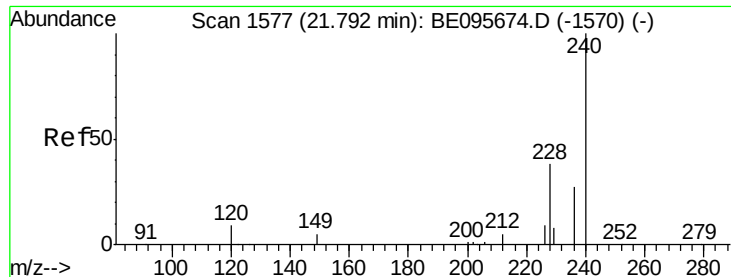


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.80 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BE095745.D

Acq: 13 Mar 2018 1:19

Instrument :

BNA_E

ClientSampleId :

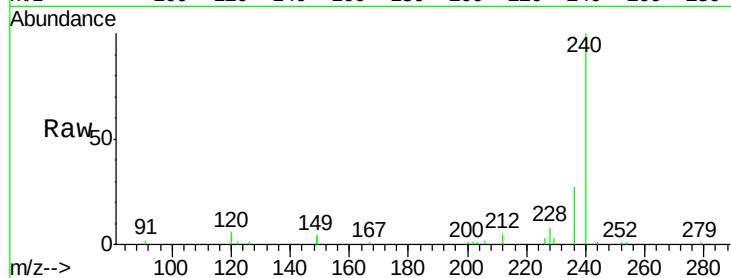
Tot Ion:240 Resp: 8722

Ion Ratio Lower Upper

240 100

120 5.7 5.5 8.3

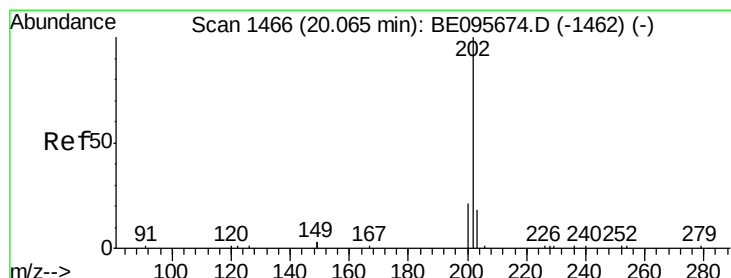
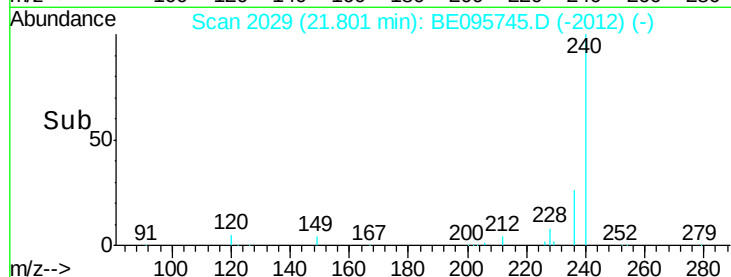
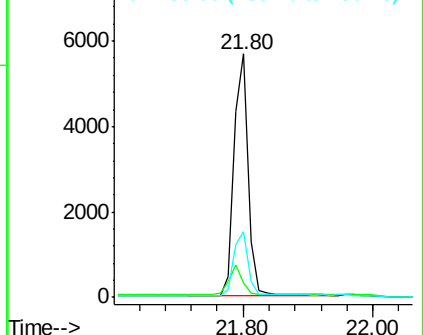
236 26.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.381 ng

RT: 20.07 min Scan# 1886

Delta R.T. 0.01 min

Lab File: BE095745.D

Acq: 13 Mar 2018 1:19

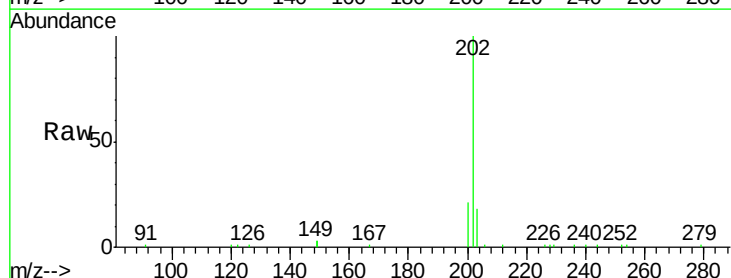
Tgt Ion:202 Resp: 13575

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

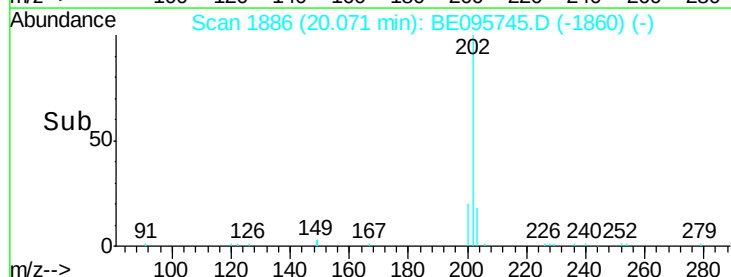
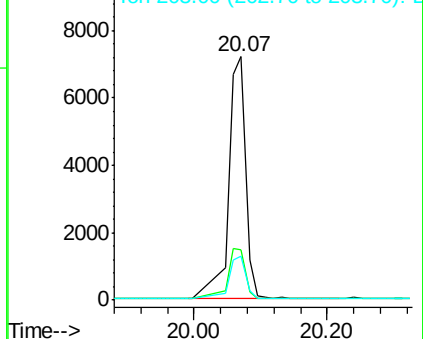
203 16.3 13.8 20.8

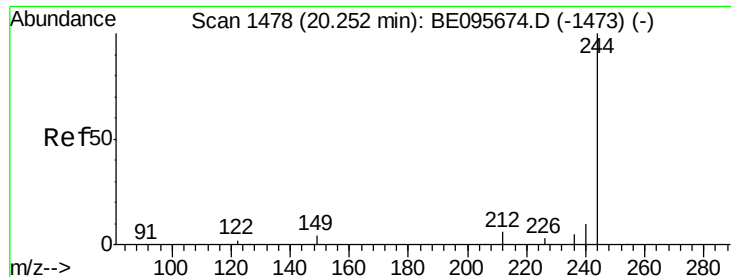


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.364 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BE095745.D

Acq: 13 Mar 2018 1:19

Instrument :

BNA_E

ClientSampled :

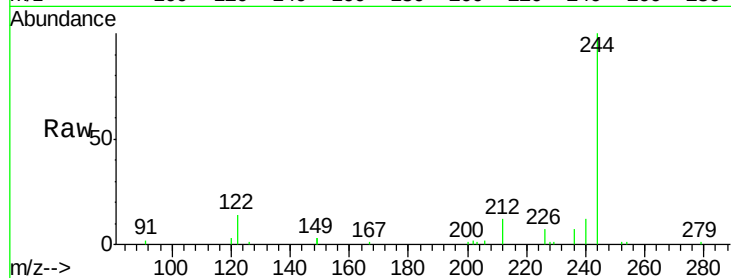
Tot Ion:244 Resp: 6327

Ion Ratio Lower Upper

244 100

212 12.4 25.4 38.0#

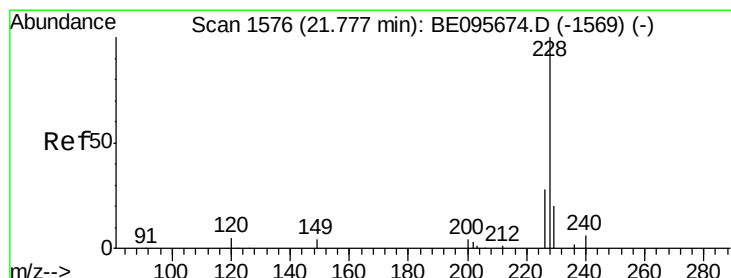
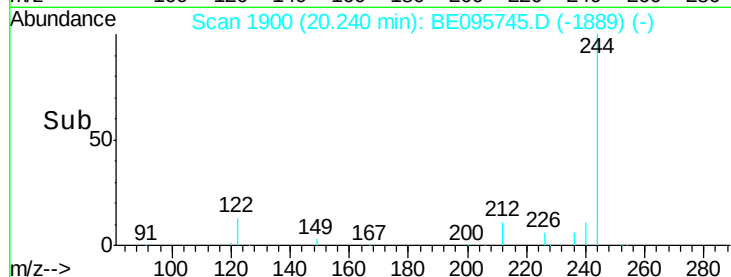
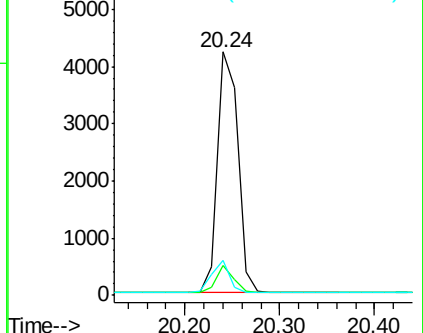
122 14.2 8.1 12.1#



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: 0.376 ng

RT: 21.78 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE095745.D

Acq: 13 Mar 2018 1:19

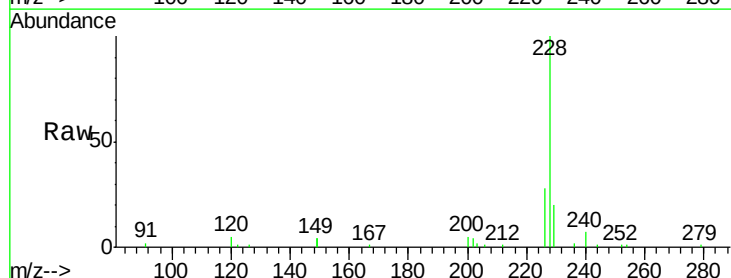
Tgt Ion:228 Resp: 10690

Ion Ratio Lower Upper

228 100

226 28.0 24.0 36.0

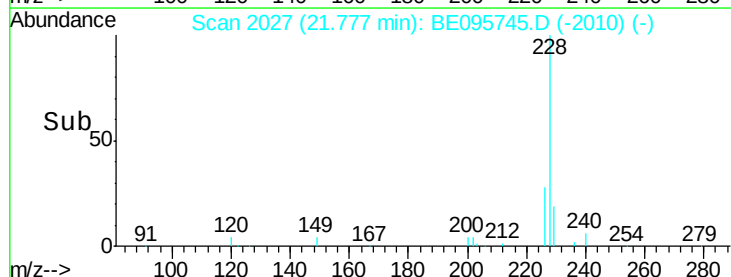
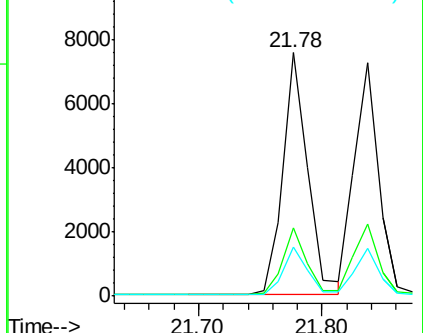
229 19.9 16.0 24.0

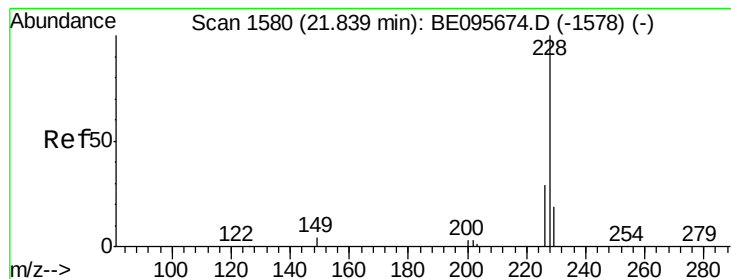


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.352 ng

RT: 21.84 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BE095745.D

Acq: 13 Mar 2018 1:19

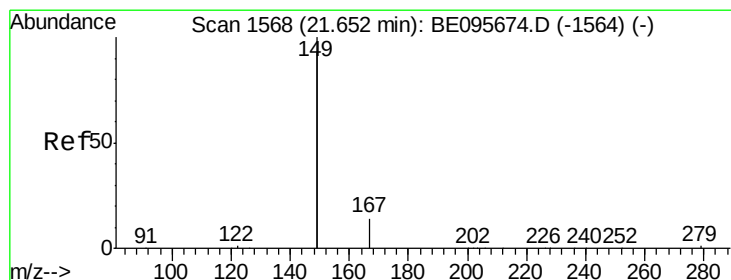
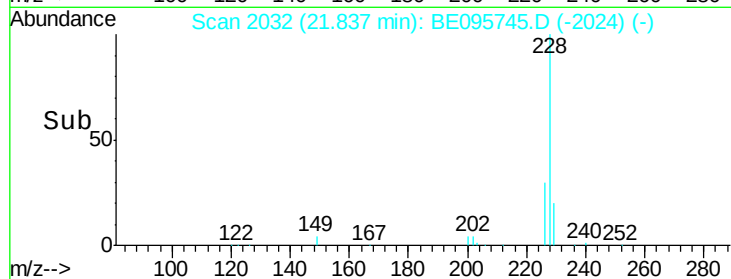
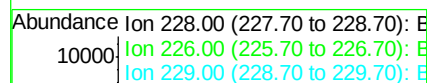
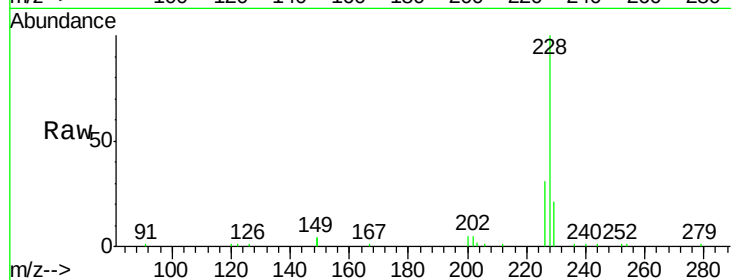
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 9962

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	20.7	16.0	24.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.403 ng

RT: 21.66 min Scan# 2017

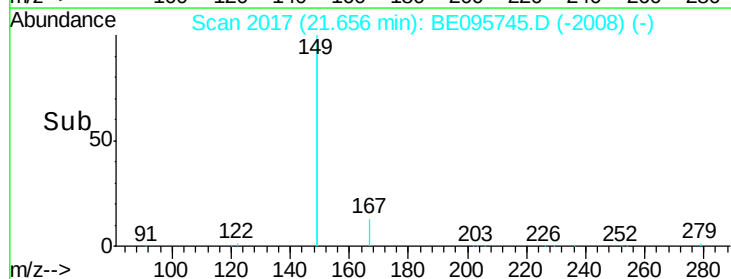
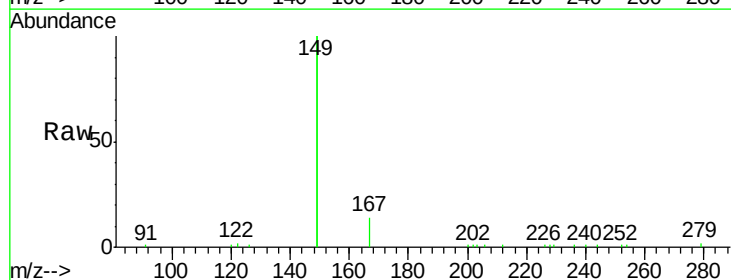
Delta R.T. 0.00 min

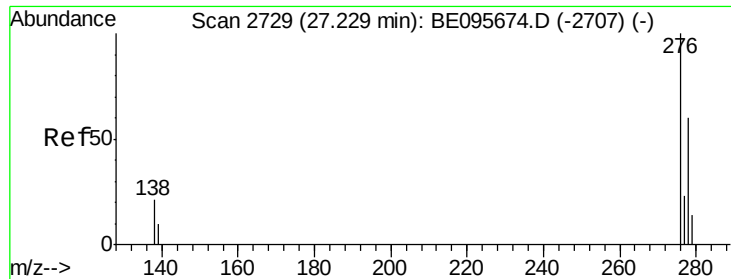
Lab File: BE095745.D

Acq: 13 Mar 2018 1:19

Tgt Ion:149 Resp: 20297

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.9	0.7	1.1

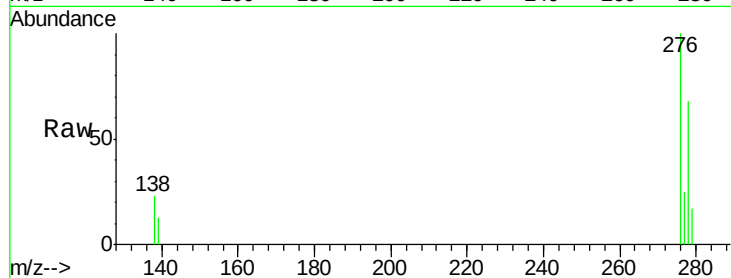




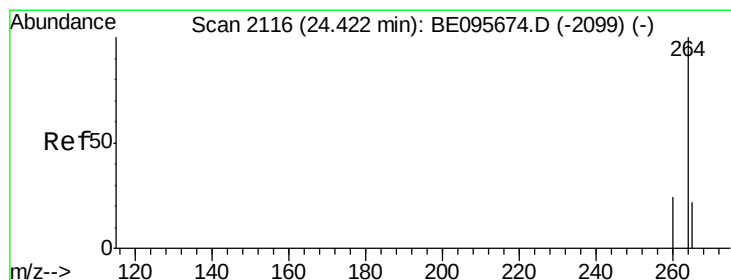
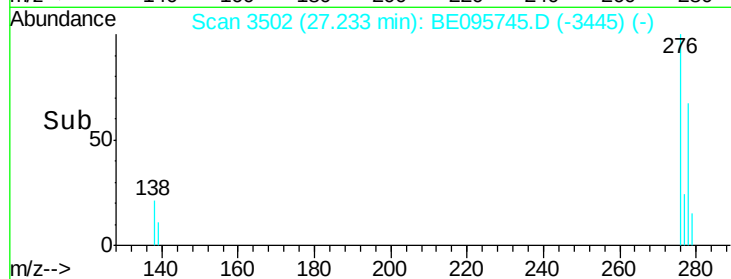
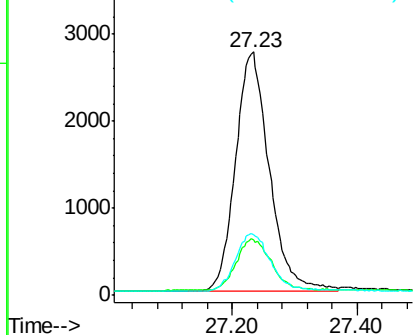
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.378 ng
RT: 27.23 min Scan# 3502
Delta R.T. 0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 10366
Ion Ratio Lower Upper
276 100
138 21.5 22.5 33.7#
277 24.5 19.9 29.9

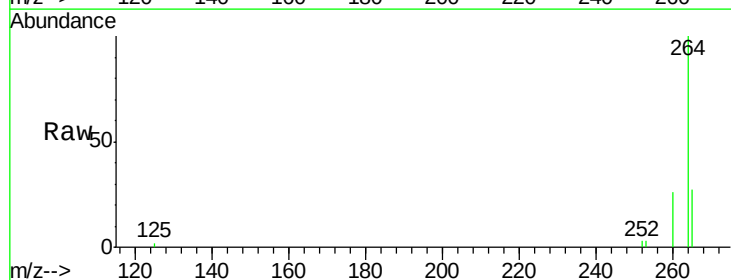


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

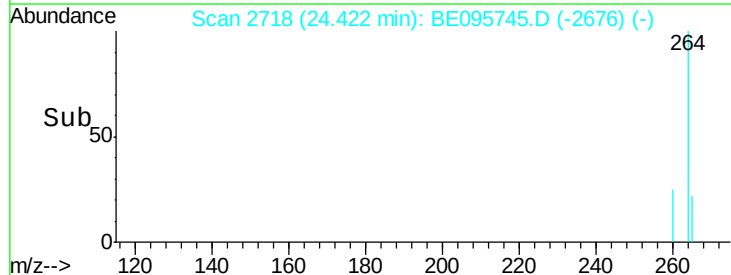
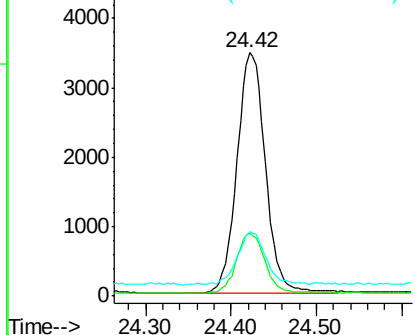


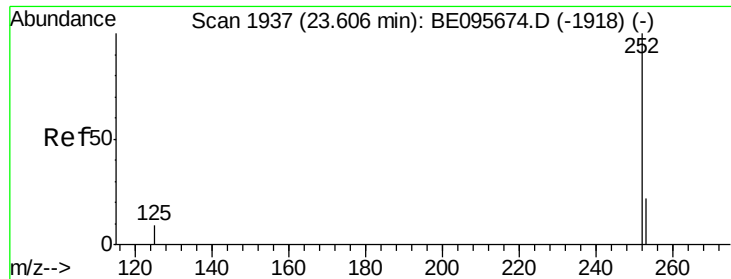
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.42 min Scan# 2718
Delta R.T. 0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Tgt Ion:264 Resp: 8002
Ion Ratio Lower Upper
264 100
260 25.7 20.5 30.7
265 26.7 22.8 34.2



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

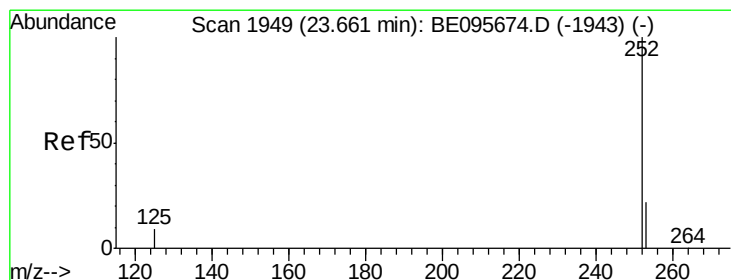
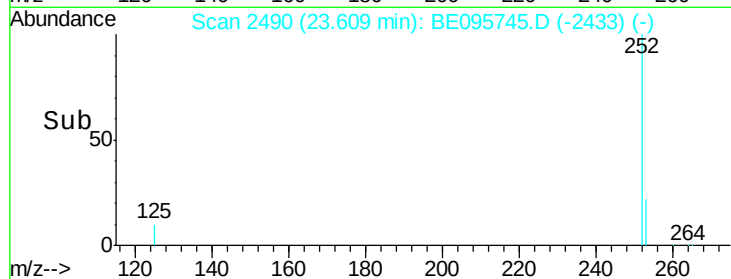
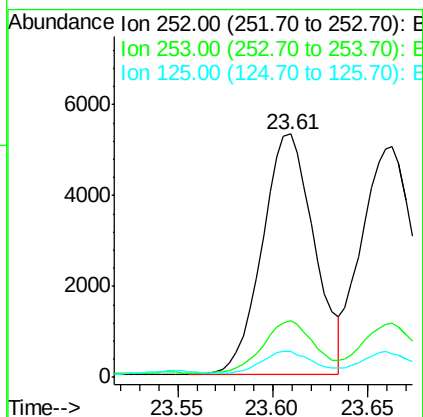
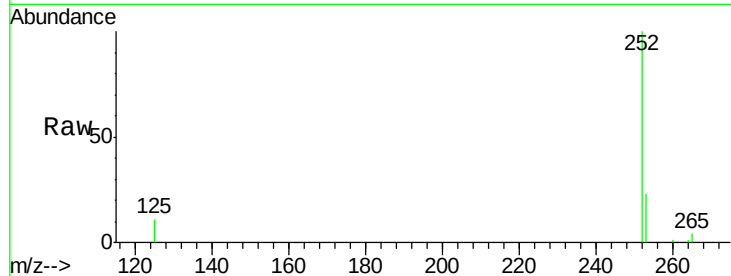




#35
Benzo(b)fluoranthene
Concen: 0.352 ng
RT: 23.61 min Scan# 2490
Delta R.T. 0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

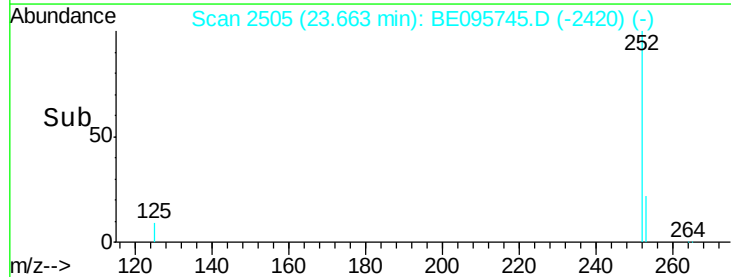
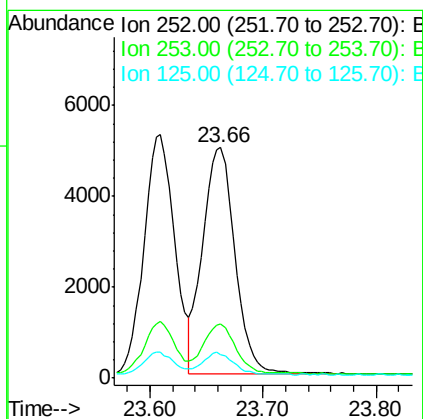
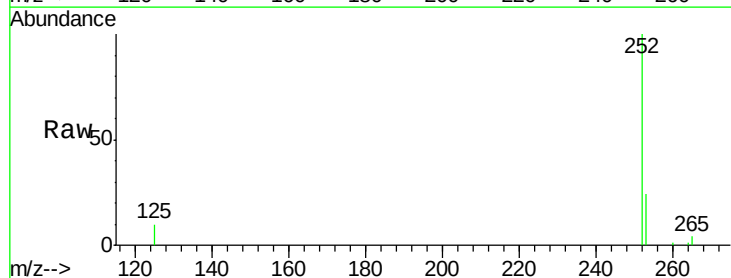
Instrument :
BNA_E
ClientSampleId :

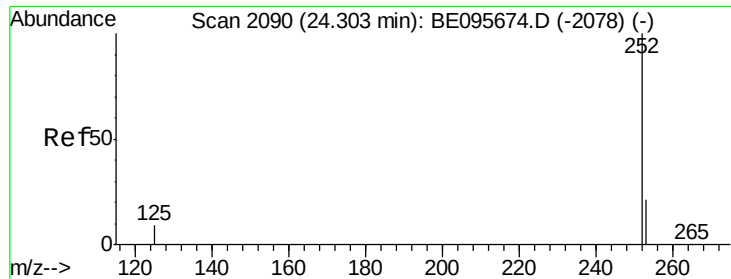
Tot Ion:252 Resp: 10022
Ion Ratio Lower Upper
252 100
253 23.2 20.0 30.0
125 10.8 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.351 ng
RT: 23.66 min Scan# 2505
Delta R.T. 0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Tgt Ion:252 Resp: 9939
Ion Ratio Lower Upper
252 100
253 23.6 16.0 24.0
125 10.1 8.0 12.0

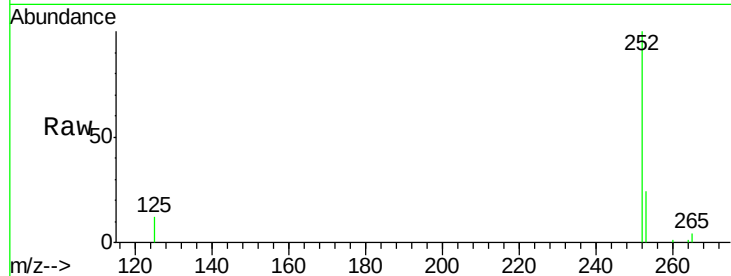




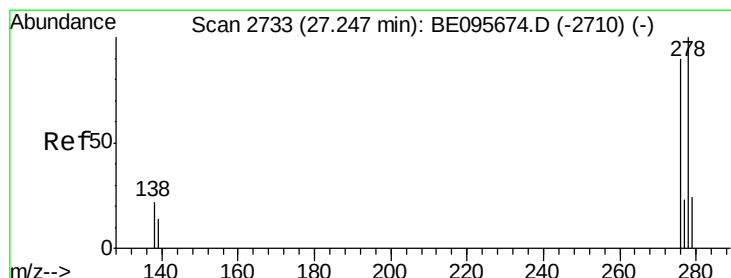
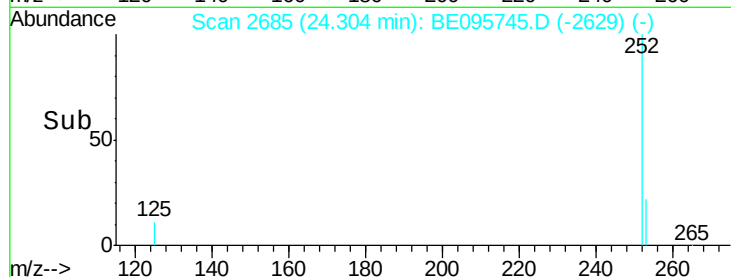
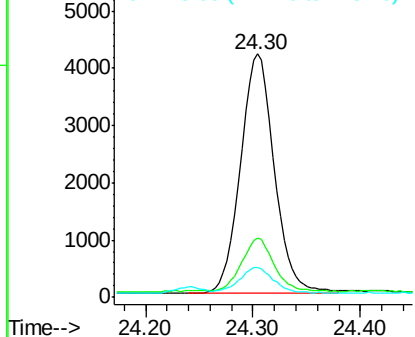
#37
Benzo(a)pyrene
Concen: 0.355 ng
RT: 24.30 min Scan# 2685
Delta R.T. 0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Instrument :
BNA_E
ClientSampled :

Tot Ion:252 Resp: 9120
Ion Ratio Lower Upper
252 100
253 24.4 16.0 24.0#
125 12.2 12.0 18.0

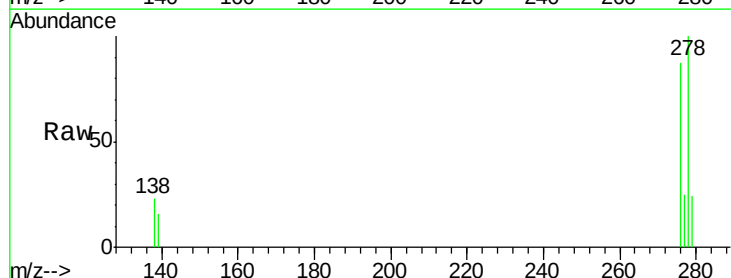


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

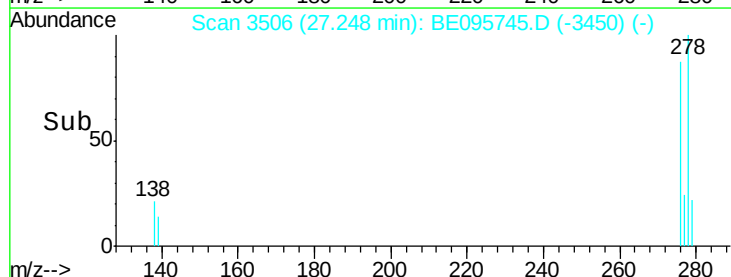
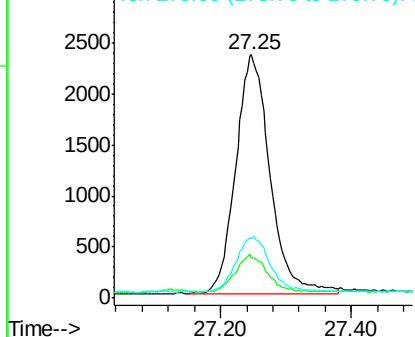


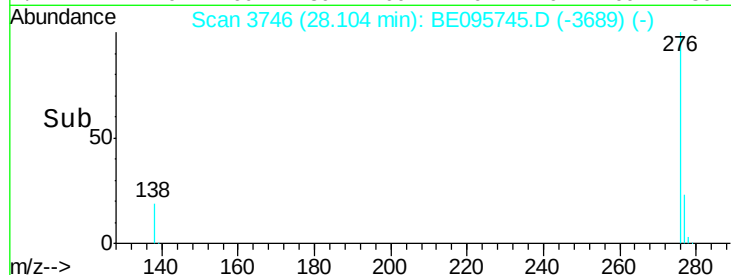
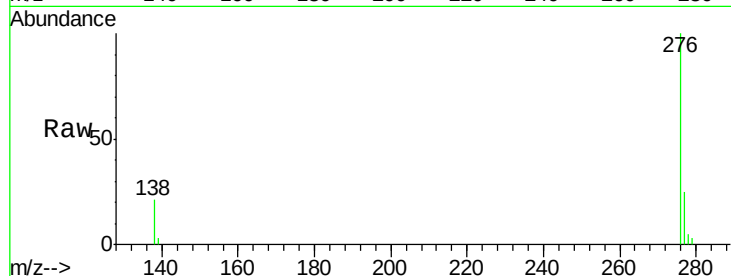
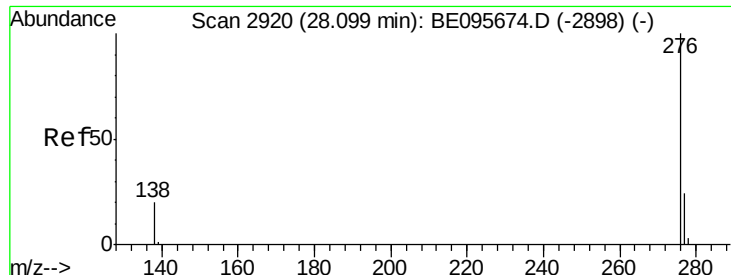
#38
Dibenzo(a,h)anthracene
Concen: 0.372 ng
RT: 27.25 min Scan# 3506
Delta R.T. 0.00 min
Lab File: BE095745.D
Acq: 13 Mar 2018 1:19

Tgt Ion:278 Resp: 8493
Ion Ratio Lower Upper
278 100
139 16.4 16.0 24.0
279 24.5 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: 0.354 ng

RT: 28.10 min Scan# 3746

Delta R.T. 0.00 min

Lab File: BE095745.D

Acq: 13 Mar 2018 1:19

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 276 Resp: 8678

Ion Ratio Lower Upper

276 100

277 24.9 16.0 24.0#

138 21.3 20.0 30.0

