

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032718\
 Data File : BE095866.D
 Acq On : 27 Mar 2018 9:39
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 27 17:38:48 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 12:41:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1134	0.40	ng	-0.01
7) Naphthalene-d8	11.26	136	4588	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2840	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	7097	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	8191	0.40	ng	-0.01
34) Perylene-d12	24.41	264	7643	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	1506	0.40	ng	-0.01
5) Phenol-d6	7.56	99	2148	0.42	ng	-0.01
8) Nitrobenzene-d5	9.59	82	2137	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	3139	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.46	330	706	0.43	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	4715	0.39	ng	-0.01
25) Fluoranthene-d10	19.68	212	42295	0.40	ng	0.00
29) Terphenyl-d14	20.24	244	7084	0.41	ng	0.00

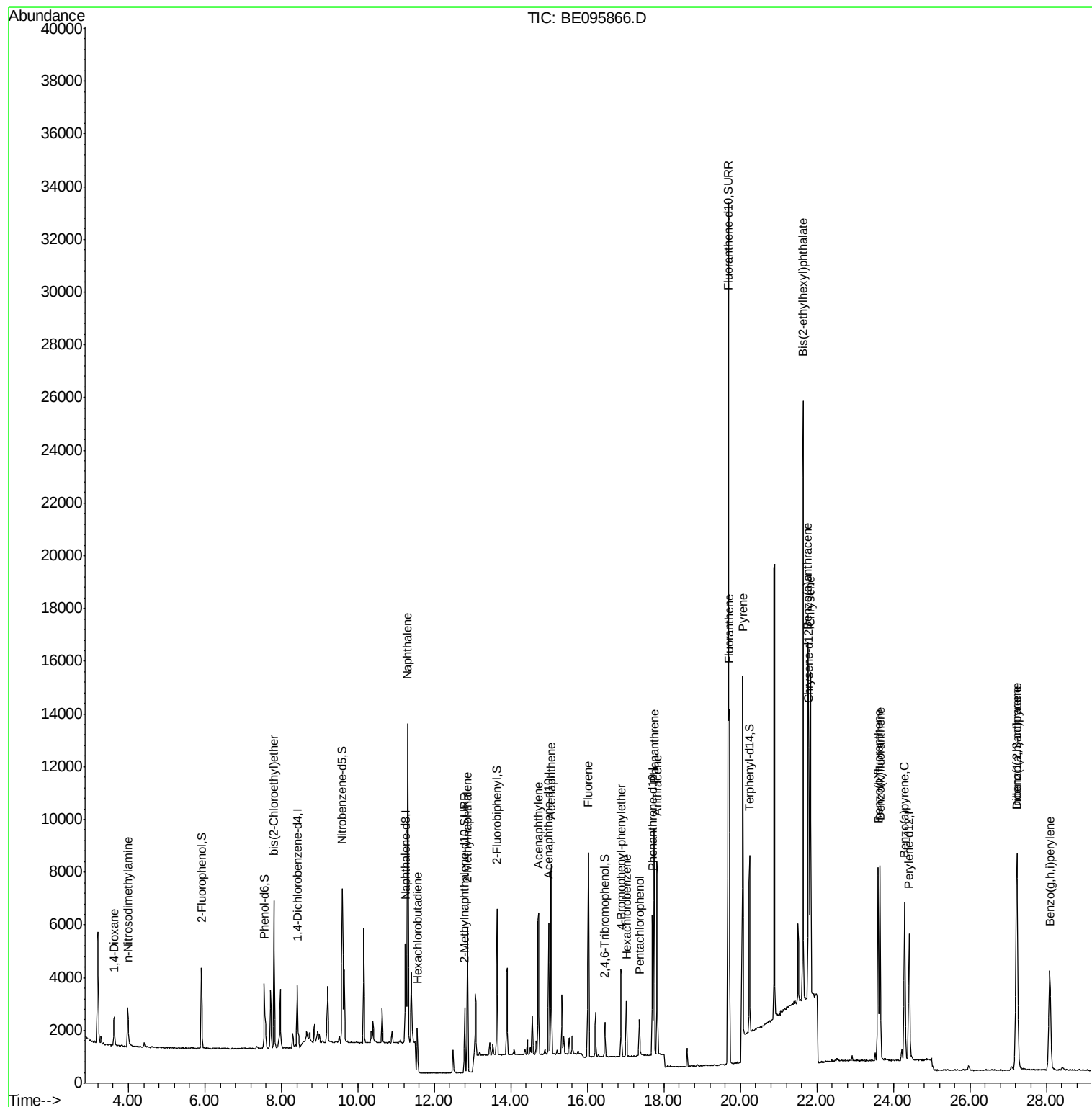
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.63	88	774	0.417	ng	96
3) n-Nitrosodimethylamine	3.98	42	1039	0.381	ng	# 85
6) bis(2-Chloroethyl)ether	7.81	93	1842	0.415	ng	94
9) Naphthalene	11.29	128	21631	0.413	ng	99
10) Hexachlorobutadiene	11.56	225	1474	0.410	ng	97
12) 2-Methylnaphthalene	12.86	142	3753	0.419	ng	97
16) Acenaphthylene	14.73	152	6465	0.398	ng	99
17) Acenaphthene	15.06	154	4006	0.404	ng	95
18) Fluorene	16.02	166	5273	0.405	ng	# 78
20) 4-Bromophenyl-phenylether	16.89	248	1782	0.418	ng	# 80
21) Hexachlorobenzene	17.02	284	1746	0.410	ng	# 82
22) Pentachlorophenol	17.36	266	733	0.586	ng	# 73
23) Phenanthrene	17.74	178	8886	0.418	ng	99
24) Anthracene	17.82	178	8578	0.404	ng	# 95
26) Fluoranthene	19.71	202	11953	0.405	ng	97
28) Pyrene	20.06	202	14046	0.421	ng	97
30) Benzo(a)anthracene	21.77	228	11488	0.404	ng	99
31) Chrysene	21.83	228	10695	0.413	ng	97
32) Bis(2-ethylhexyl)phthalate	21.64	149	31221	0.359	ng	100
33) Indeno(1,2,3-cd)pyrene	27.22	276	11363	0.407	ng	# 93
35) Benzo(b)fluoranthene	23.60	252	10539	0.417	ng	# 92
36) Benzo(k)fluoranthene	23.65	252	10733	0.424	ng	# 93
37) Benzo(a)pyrene	24.29	252	9897	0.418	ng	# 92
38) Dibenzo(a,h)anthracene	27.23	278	9467	0.420	ng	98
39) Benzo(g,h,i)perylene	28.09	276	9413	0.416	ng	# 91

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

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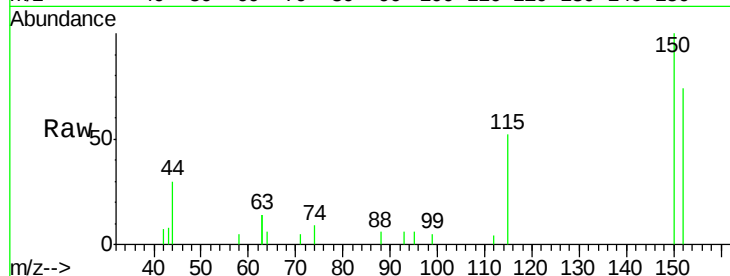


#1

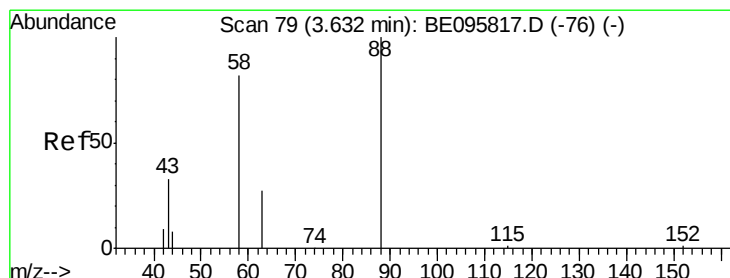
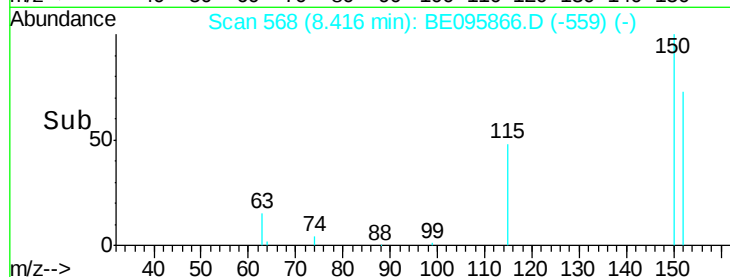
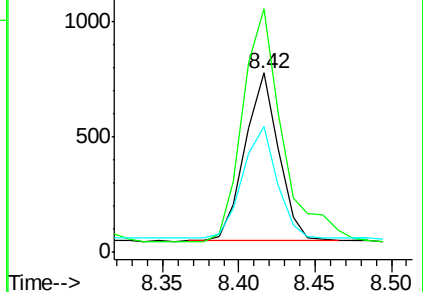
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095866.D
Acq: 27 Mar 2018 9:39

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1134
Ion Ratio Lower Upper
152 100
150 135.9 117.2 175.8
115 70.0 57.0 85.6



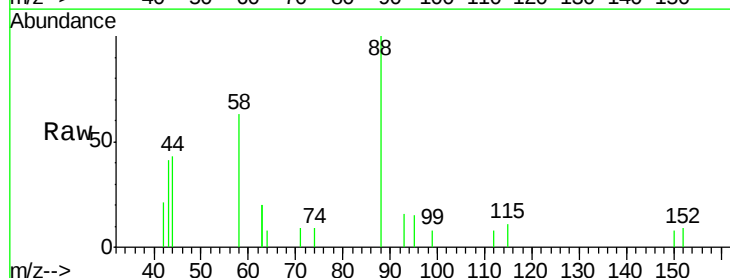
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



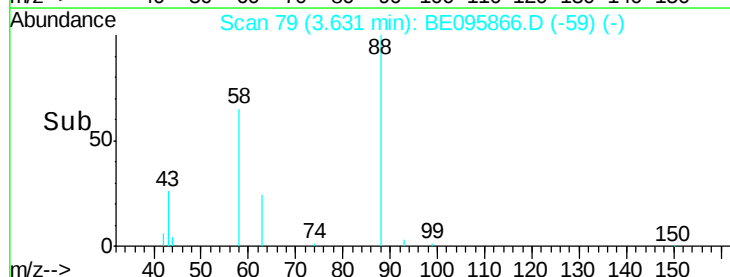
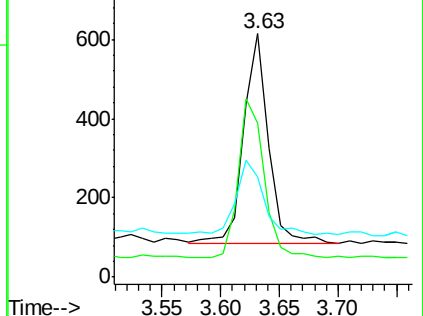
#2

1,4-Dioxane
Concen: 0.417 ng
RT: 3.63 min Scan# 79
Delta R.T. -0.00 min
Lab File: BE095866.D
Acq: 27 Mar 2018 9:39

Tgt Ion: 88 Resp: 774
Ion Ratio Lower Upper
88 100
58 78.4 63.2 94.8
43 44.4 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



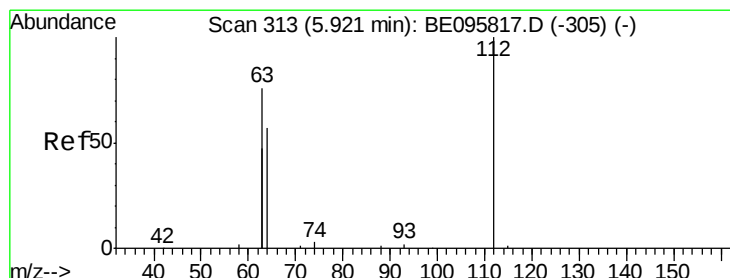
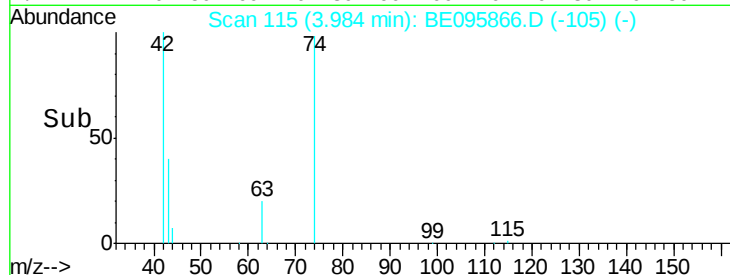
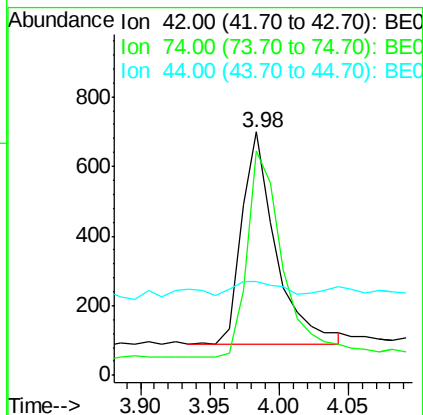
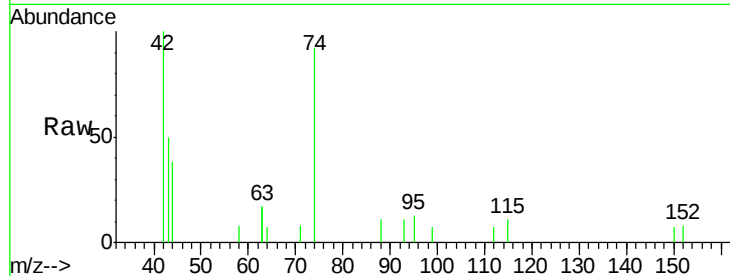


#3

n-Nitrosodimethylamine
 Concen: 0.381 ng
 RT: 3.98 min Scan# 115
 Delta R.T. -0.00 min
 Lab File: BE095866.D
 Acq: 27 Mar 2018 9:39

Instrument :
 BNA_E
 ClientSampleId :

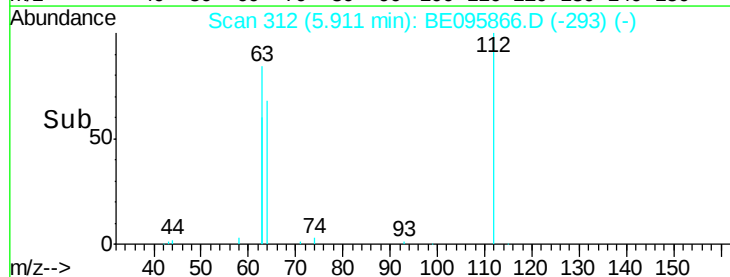
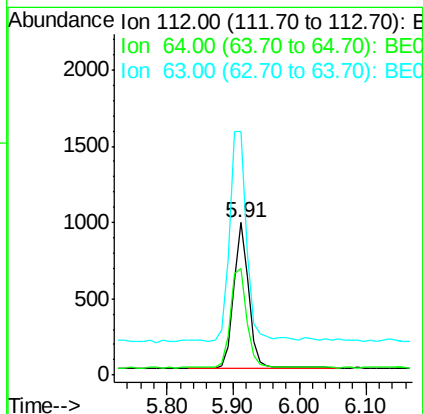
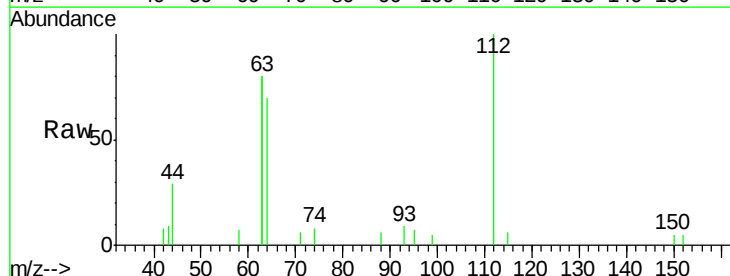
Tot Ion: 42 Resp: 1039
 Ion Ratio Lower Upper
 42 100
 74 102.8 96.0 144.0
 44 9.6 12.0 18.0#

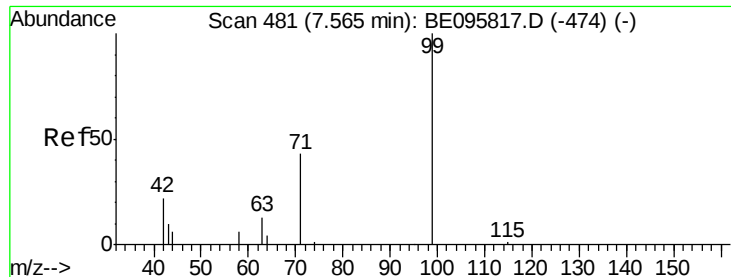


#4

2-Fluorophenol
 Concen: 0.403 ng
 RT: 5.91 min Scan# 312
 Delta R.T. -0.01 min
 Lab File: BE095866.D
 Acq: 27 Mar 2018 9:39

Tgt Ion: 112 Resp: 1506
 Ion Ratio Lower Upper
 112 100
 64 74.6 60.1 90.1
 63 162.5 116.8 175.2





#5

Phenol-d6

Concen: 0.418 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095866.D

Acq: 27 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

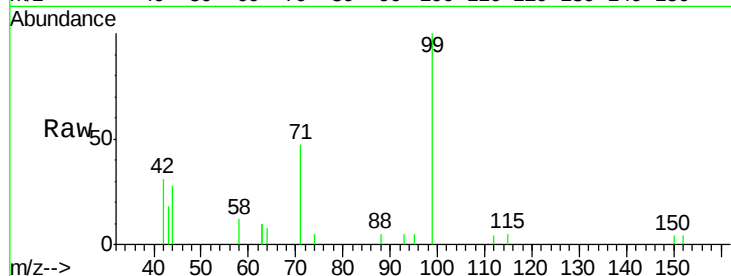
Tot Ion: 99 Resp: 2148

Ion Ratio Lower Upper

99 100

42 25.8 20.2 30.2

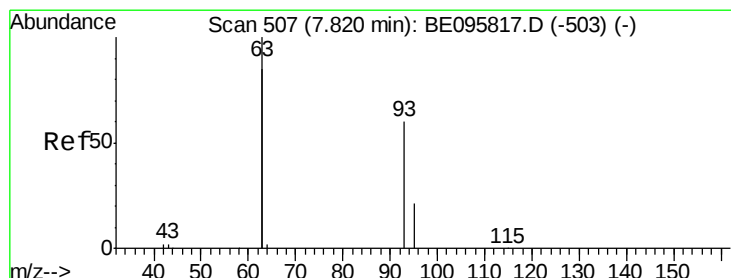
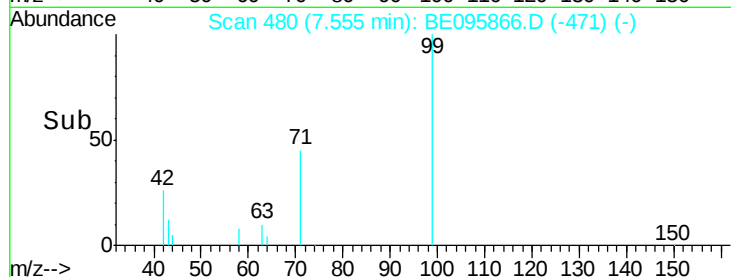
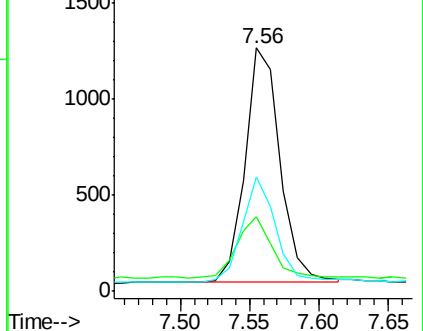
71 43.1 28.4 42.6#



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: 0.415 ng

RT: 7.81 min Scan# 506

Delta R.T. -0.01 min

Lab File: BE095866.D

Acq: 27 Mar 2018 9:39

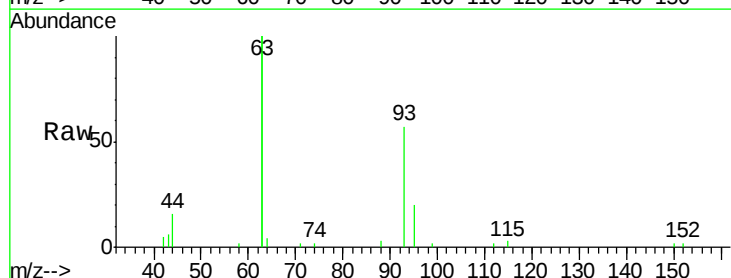
Tgt Ion: 93 Resp: 1842

Ion Ratio Lower Upper

93 100

63 329.4 275.3 412.9

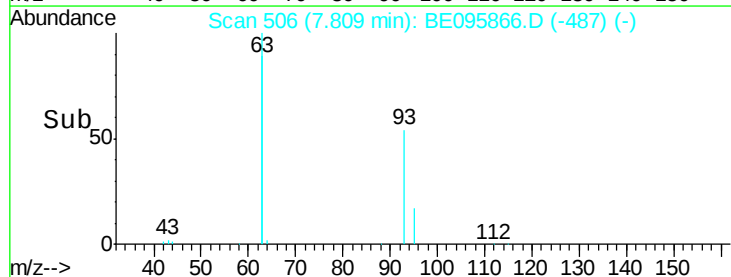
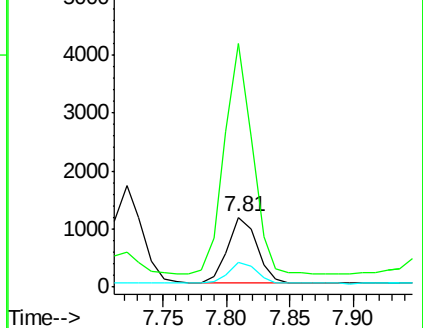
95 31.7 25.2 37.8

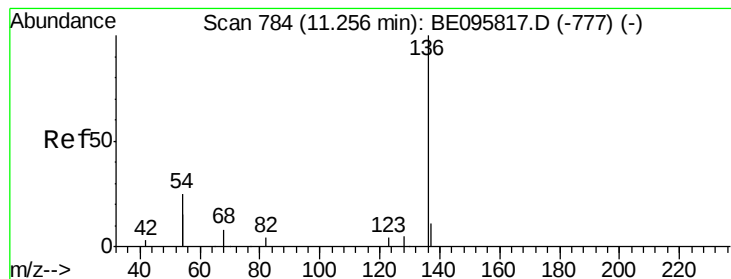


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 11.26 min Scan# 784

Delta R.T. -0.00 min

Lab File: BE095866.D

Acq: 27 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4588

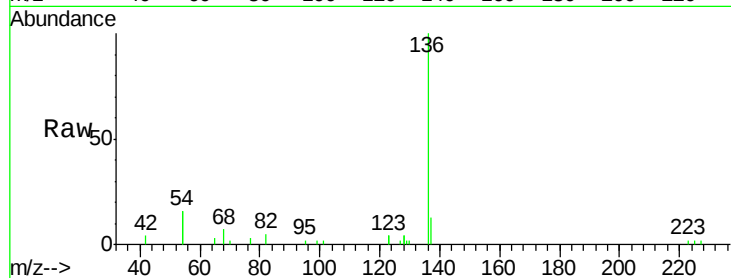
Ion Ratio Lower Upper

136 100

137 12.5 9.5 14.3

54 32.1 29.1 43.7

68 6.6 6.2 9.2

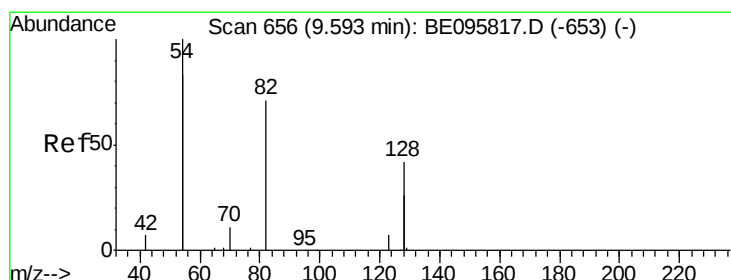
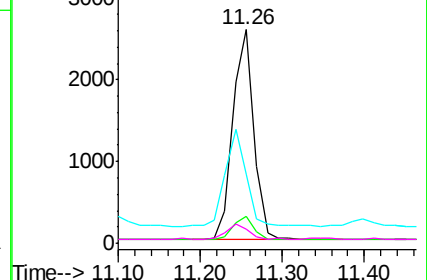
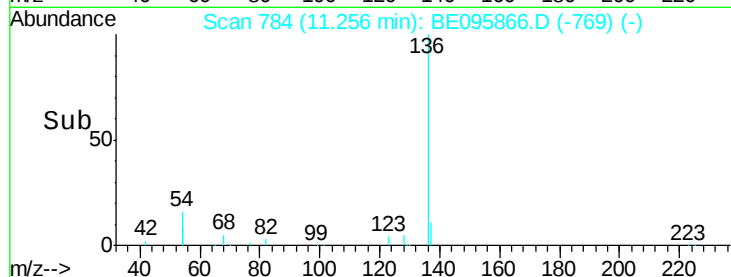


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.394 ng

RT: 9.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE095866.D

Acq: 27 Mar 2018 9:39

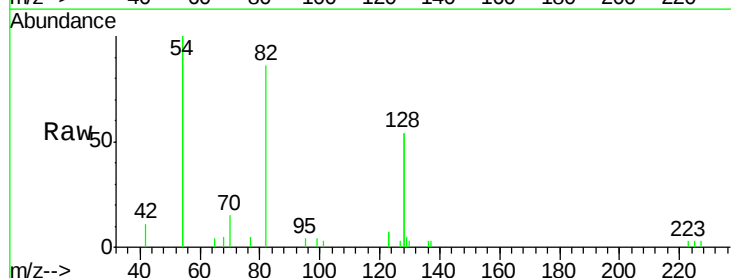
Tgt Ion: 82 Resp: 2137

Ion Ratio Lower Upper

82 100

128 126.9 150.0 225.0#

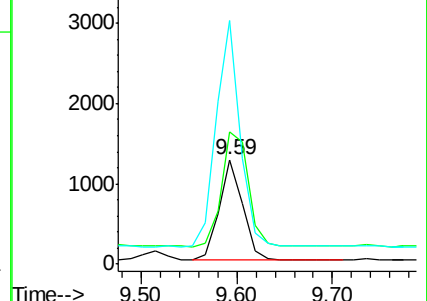
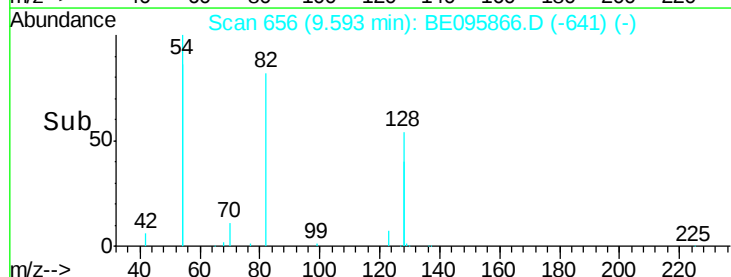
54 233.4 154.2 231.4#



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: 0.413 ng

RT: 11.29 min Scan# 787

Delta R.T. -0.01 min

Lab File: BE095866.D

Acq: 27 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

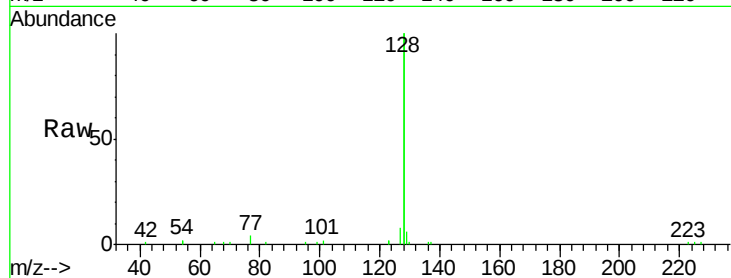
Tot Ion:128 Resp: 21631

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

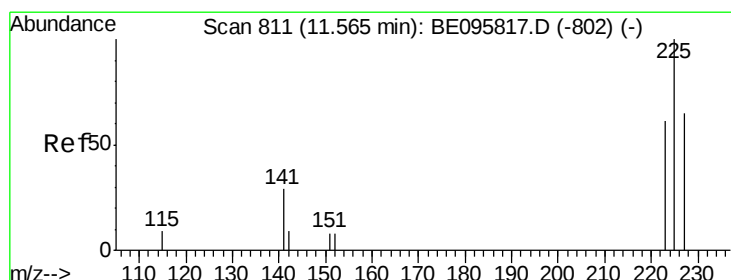
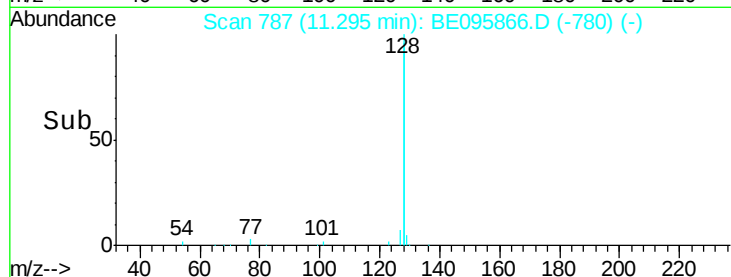
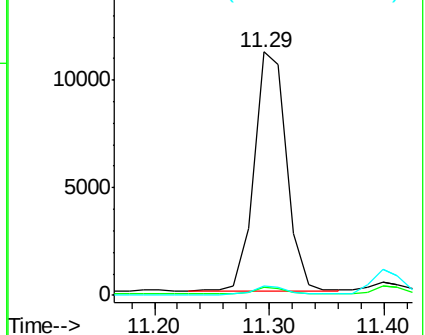
127 3.8 2.8 4.2



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: 0.410 ng

RT: 11.56 min Scan# 809

Delta R.T. -0.01 min

Lab File: BE095866.D

Acq: 27 Mar 2018 9:39

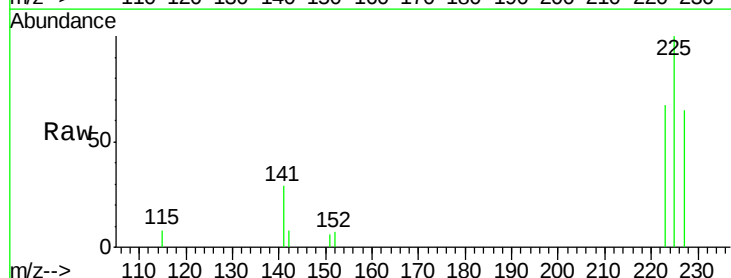
Tgt Ion:225 Resp: 1474

Ion Ratio Lower Upper

225 100

223 64.2 53.0 79.6

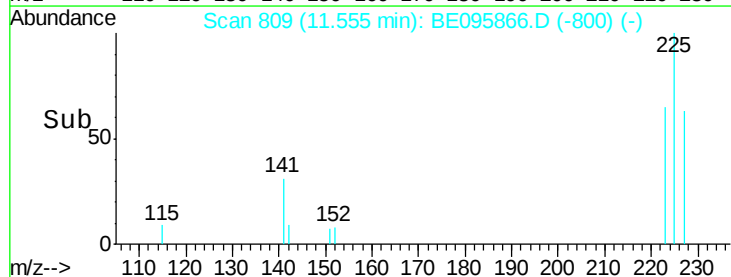
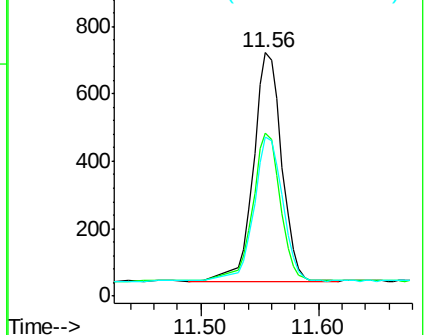
227 62.4 51.4 77.2

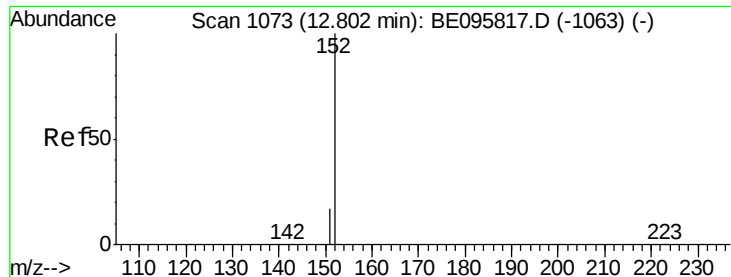


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

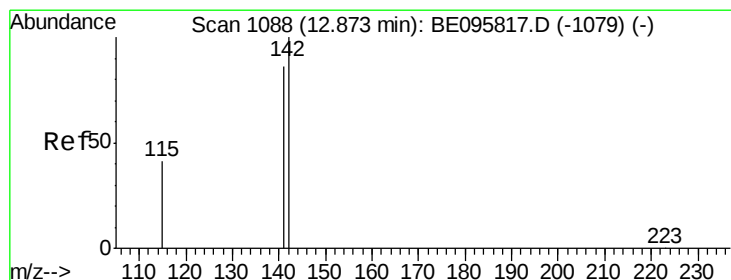
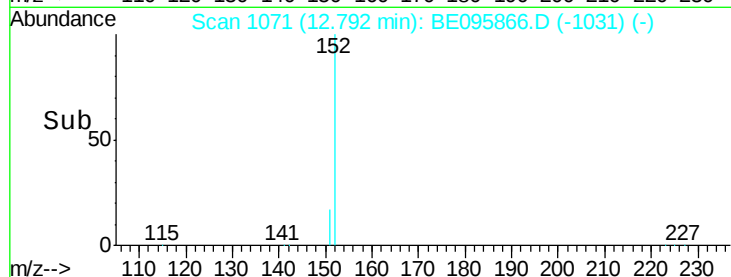
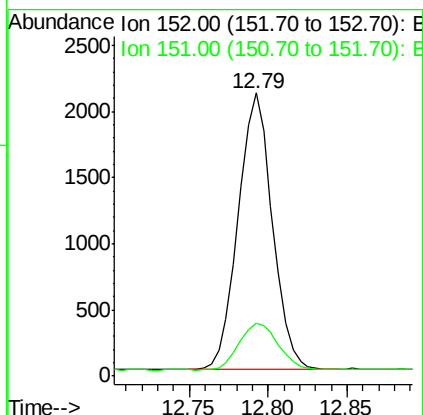
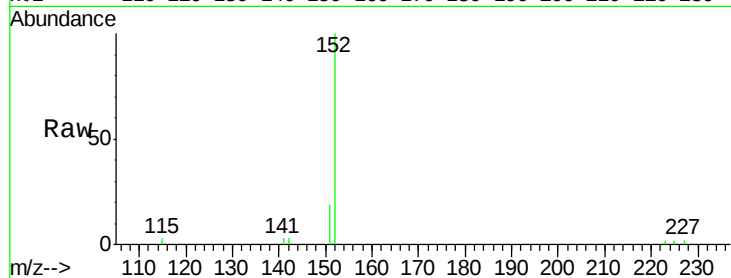




#11
2-Methylnaphthalene-d10
Concen: 0.410 ng
RT: 12.79 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BE095866.D
Acq: 27 Mar 2018 9:39

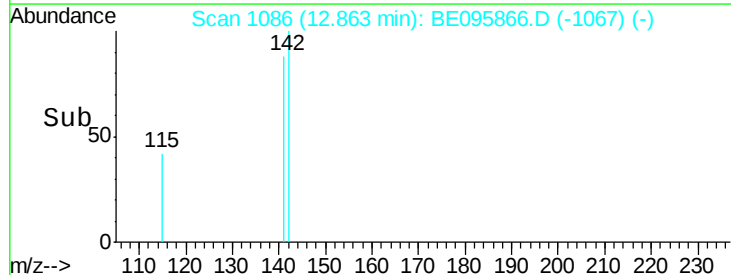
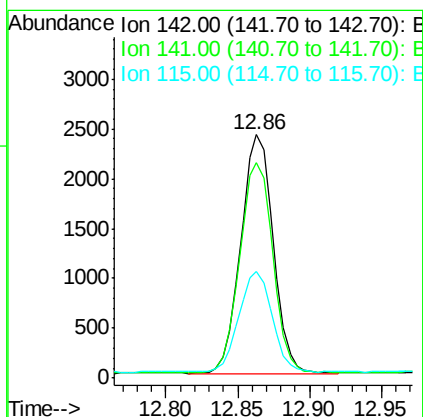
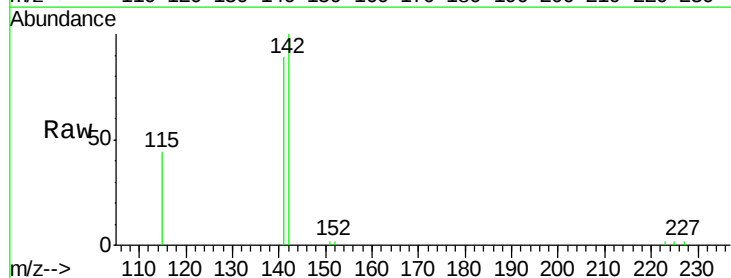
Instrument :
BNA_E
ClientSampled :

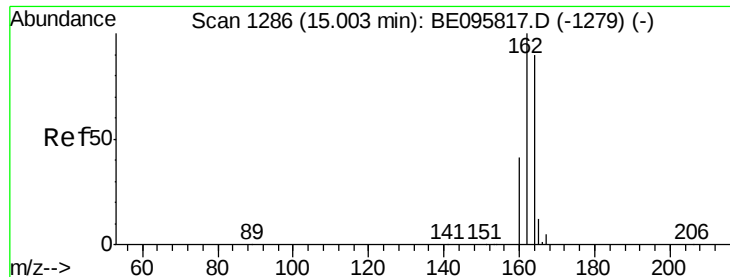
Tot Ion:152 Resp: 3139
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.0



#12
2-Methylnaphthalene
Concen: 0.419 ng
RT: 12.86 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE095866.D
Acq: 27 Mar 2018 9:39

Tgt Ion:142 Resp: 3753
Ion Ratio Lower Upper
142 100
141 88.7 70.4 105.6
115 43.7 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BE095866.D

Acq: 27 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

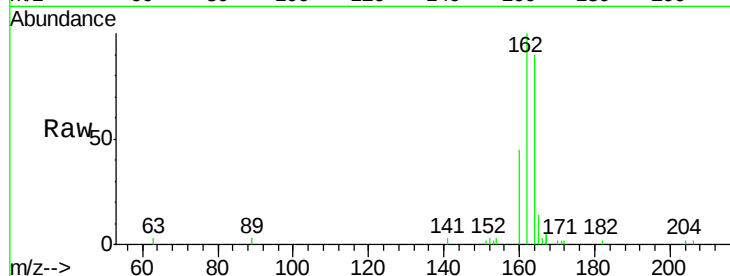
Tot Ion:164 Resp: 2840

Ion Ratio Lower Upper

164 100

162 111.5 83.1 124.7

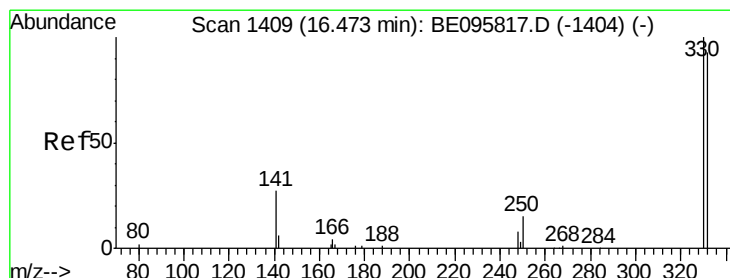
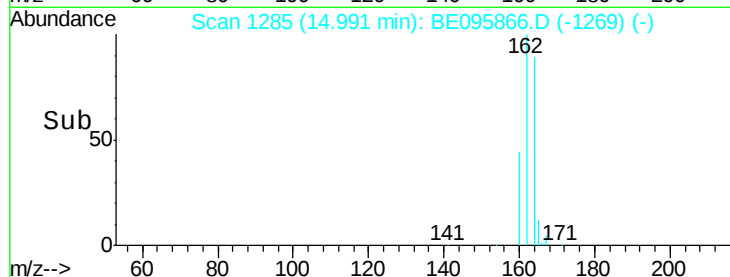
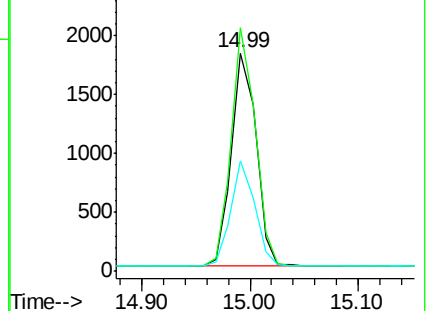
160 50.5 37.1 55.7



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: 0.431 ng

RT: 16.46 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BE095866.D

Acq: 27 Mar 2018 9:39

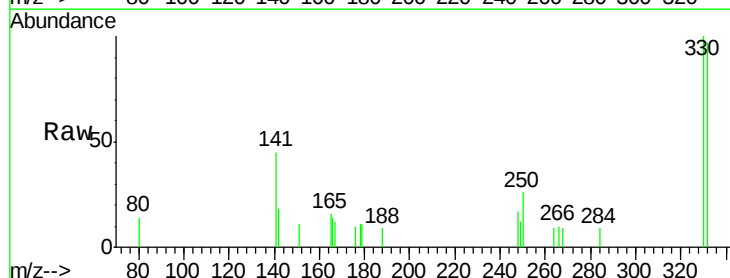
Tgt Ion:330 Resp: 706

Ion Ratio Lower Upper

330 100

332 94.8 152.7 229.1#

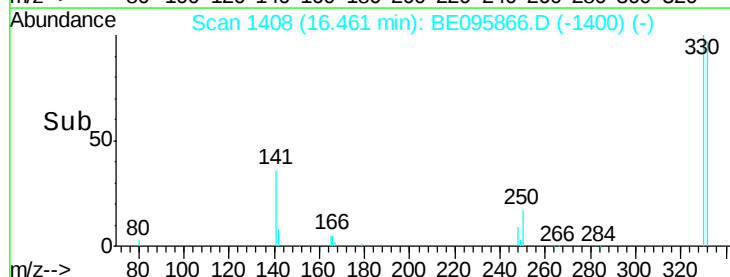
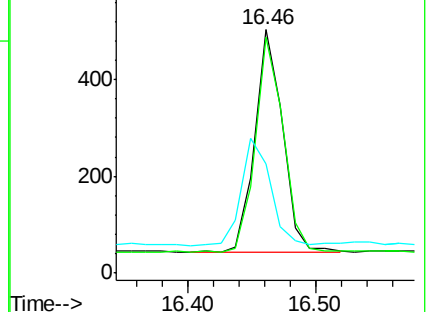
141 50.4 33.7 50.5

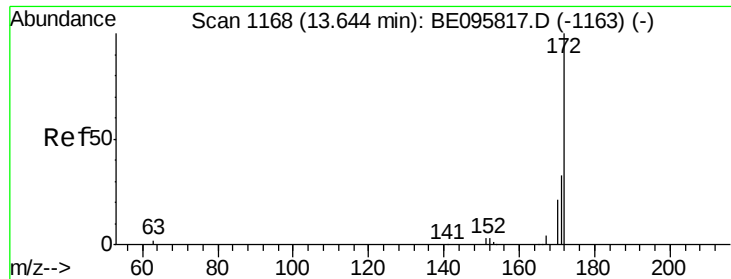


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

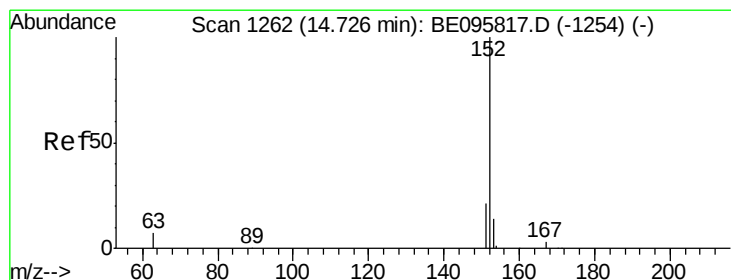
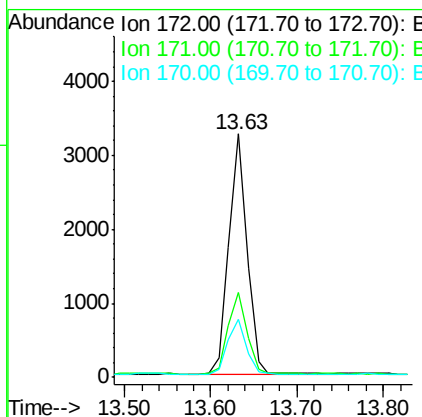
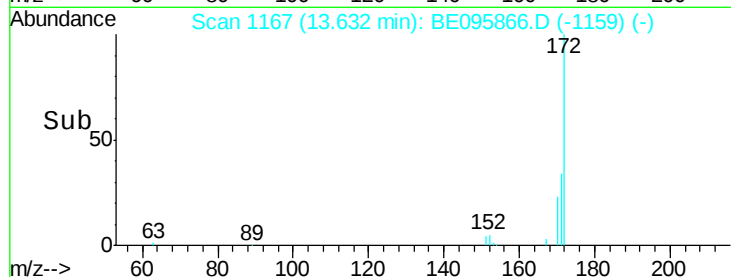
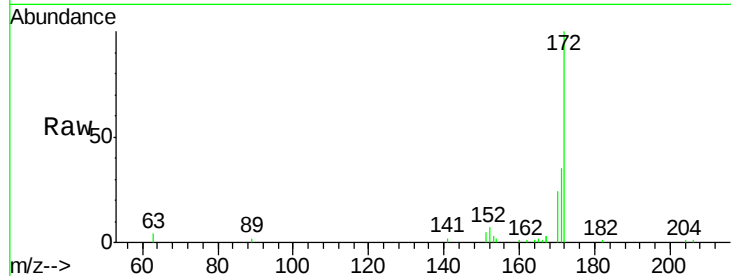




#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095866.D
Acq: 27 Mar 2018 9:39

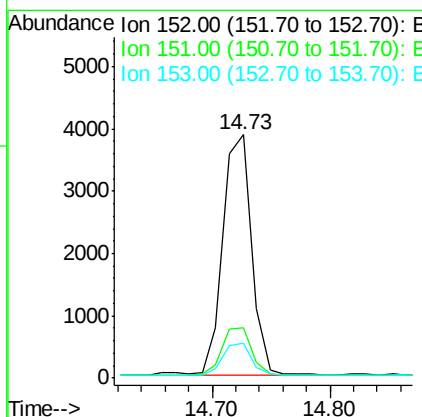
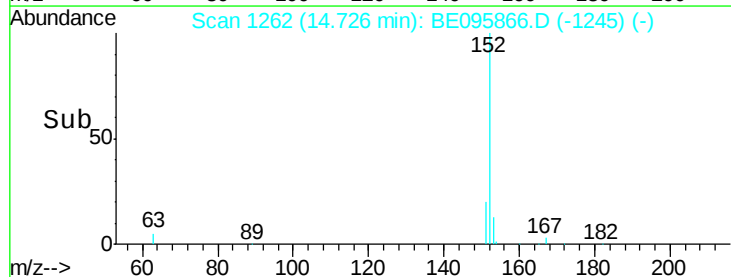
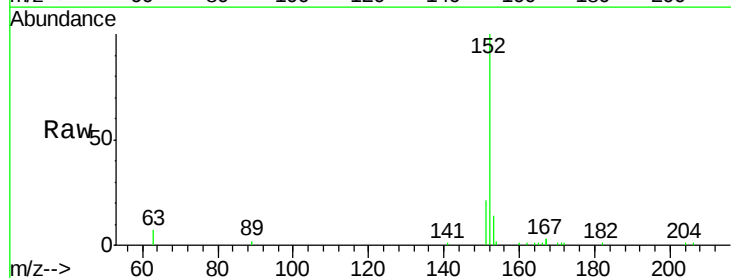
Instrument :
BNA_E
ClientSampleId :

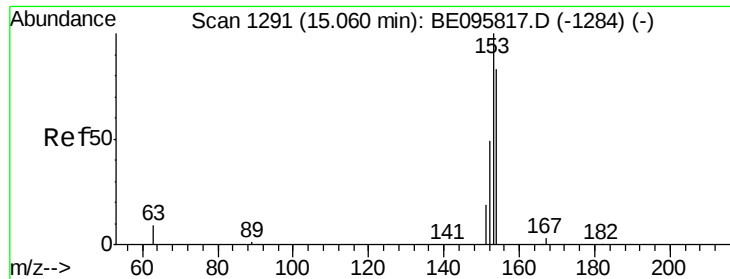
Tot Ion:172 Resp: 4715
Ion Ratio Lower Upper
172 100
171 35.1 29.9 44.9
170 23.8 21.8 32.8



#16
Acenaphthylene
Concen: 0.398 ng
RT: 14.73 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE095866.D
Acq: 27 Mar 2018 9:39

Tgt Ion:152 Resp: 6465
Ion Ratio Lower Upper
152 100
151 20.5 15.7 23.5
153 13.1 10.5 15.7

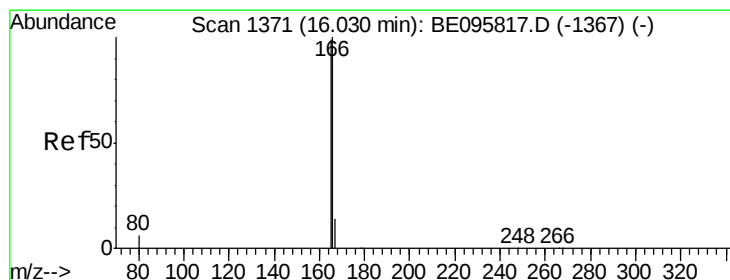
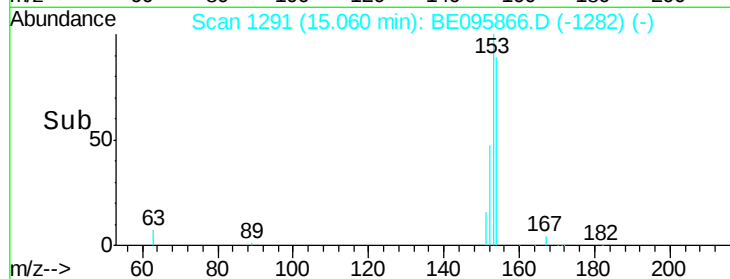
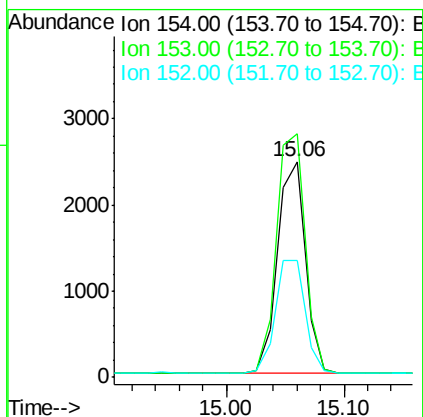
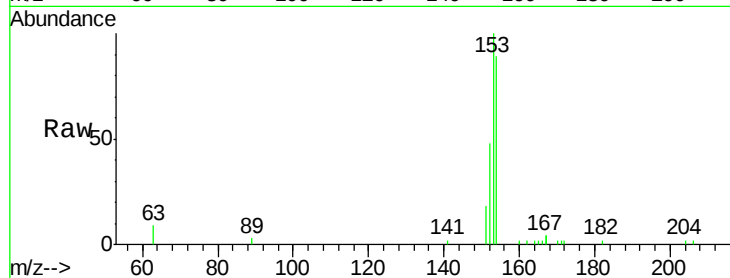




#17
Acenaphthene
Concen: 0.404 ng
RT: 15.06 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BE095866.D
Acq: 27 Mar 2018 9:39

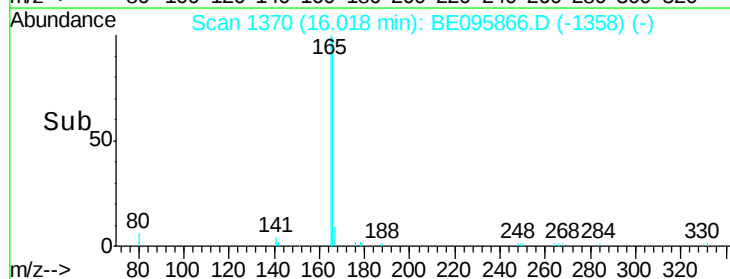
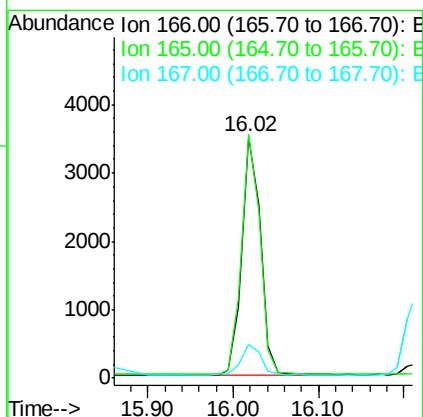
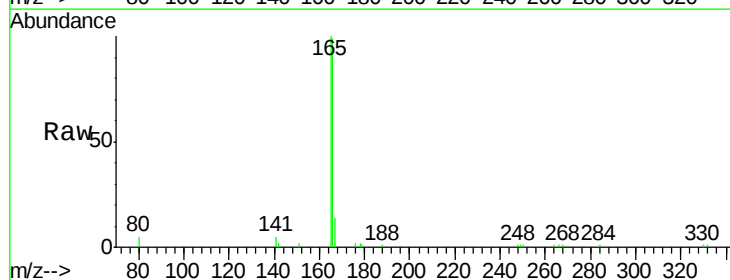
Instrument :
BNA_E
ClientSampleId :

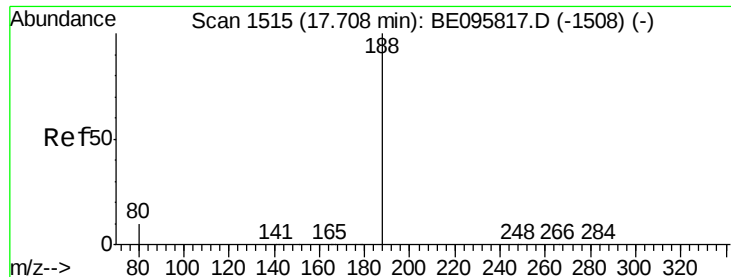
Tot Ion:154 Resp: 4006
Ion Ratio Lower Upper
154 100
153 116.9 89.2 133.8
152 57.0 42.0 63.0



#18
Fluorene
Concen: 0.405 ng
RT: 16.02 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BE095866.D
Acq: 27 Mar 2018 9:39

Tgt Ion:166 Resp: 5273
Ion Ratio Lower Upper
166 100
165 99.9 77.8 116.6
167 13.2 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.70 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BE095866.D

Acq: 27 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

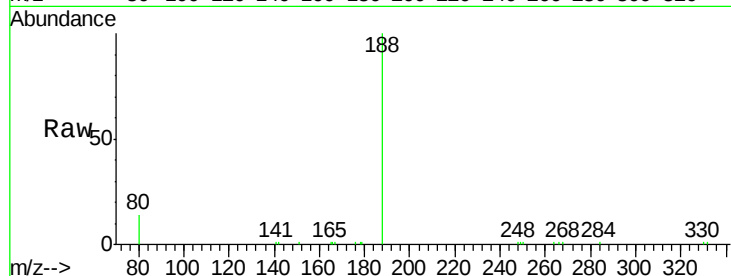
Tot Ion:188 Resp: 7097

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

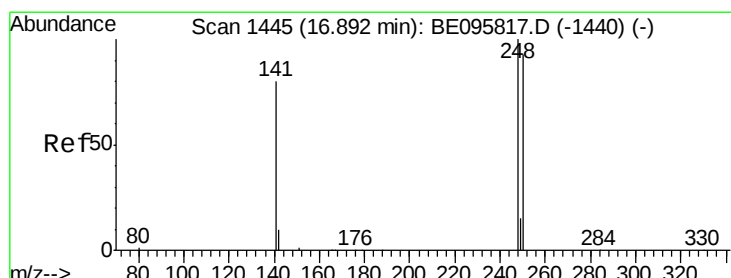
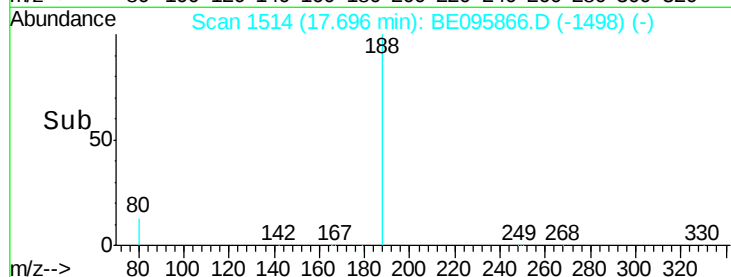
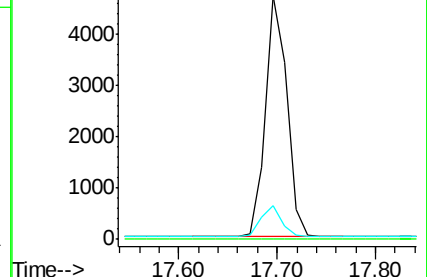
80 13.8 3.6 5.4#



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: 0.418 ng

RT: 16.89 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BE095866.D

Acq: 27 Mar 2018 9:39

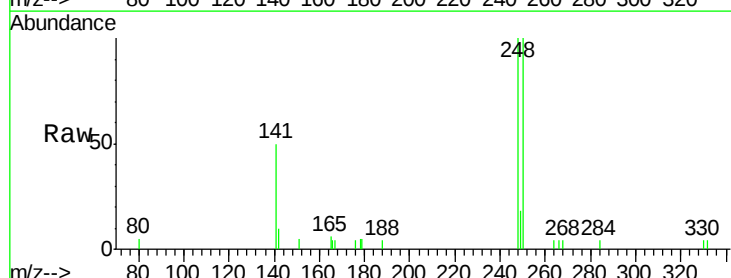
Tgt Ion:248 Resp: 1782

Ion Ratio Lower Upper

248 100

250 99.9 62.7 94.1#

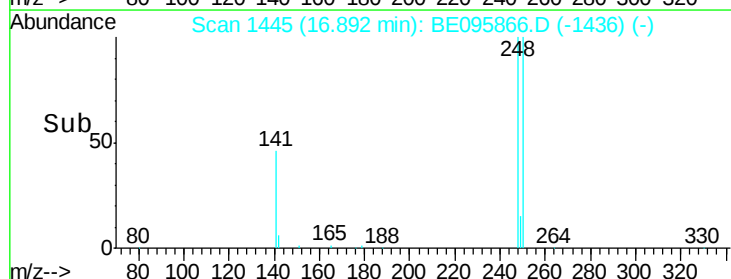
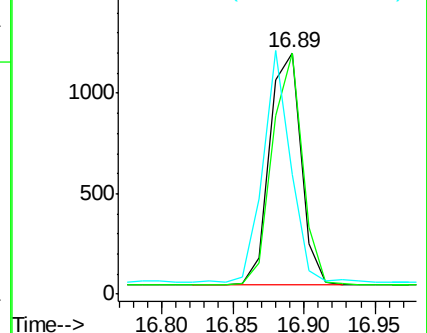
141 49.6 48.2 72.2

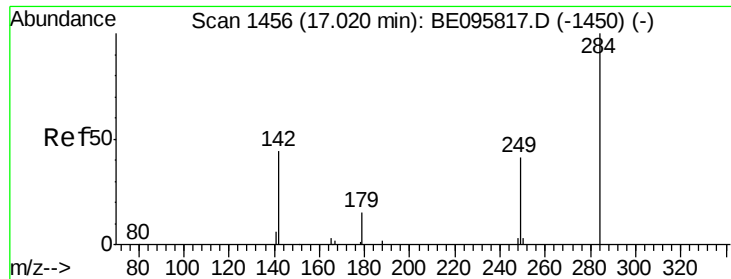


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

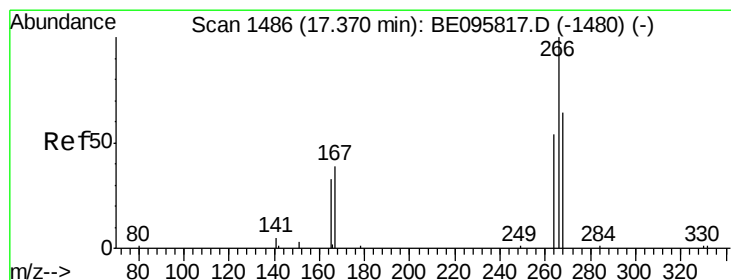
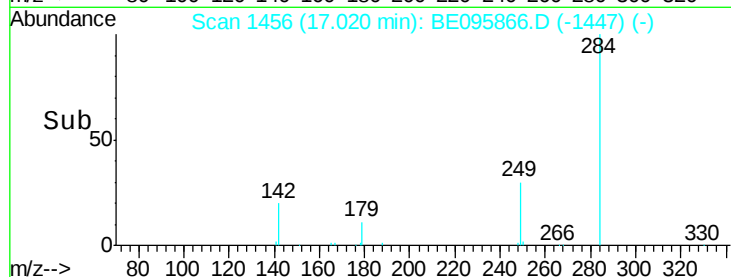
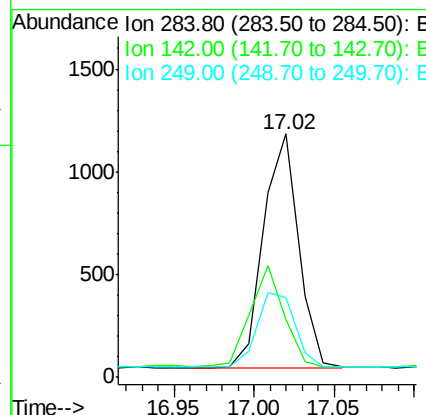
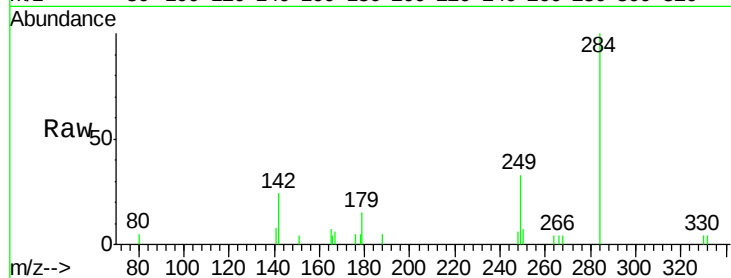




#21
Hexachlorobenzene
Concen: 0.410 ng
RT: 17.02 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE095866.D
Acq: 27 Mar 2018 9:39

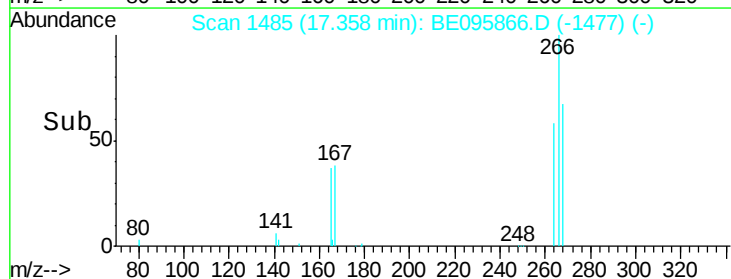
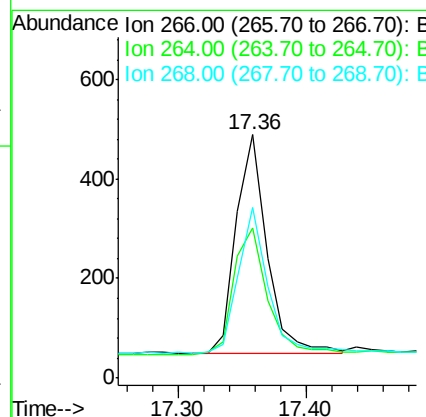
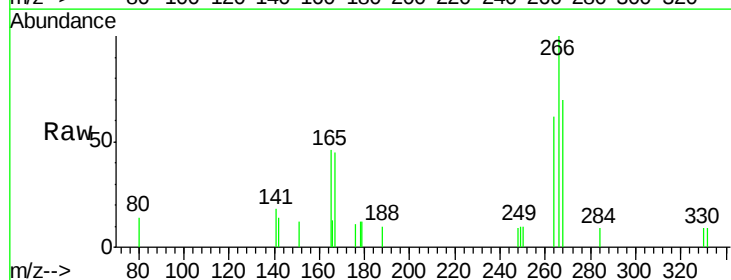
Instrument :
BNA_E
ClientSampleId :

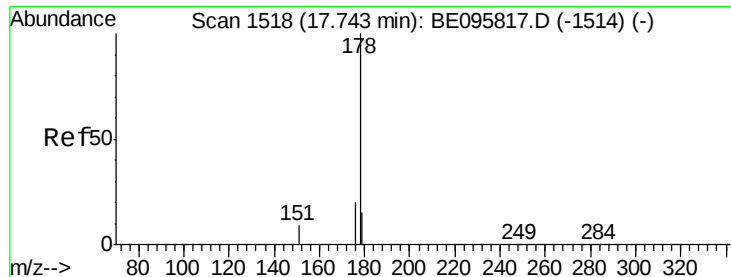
Tot Ion:284 Resp: 1746
Ion Ratio Lower Upper
284 100
142 40.7 22.1 33.1#
249 34.8 34.8 52.2



#22
Pentachlorophenol
Concen: 0.586 ng
RT: 17.36 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE095866.D
Acq: 27 Mar 2018 9:39

Tgt Ion:266 Resp: 733
Ion Ratio Lower Upper
266 100
264 61.8 72.5 108.7#
268 70.3 73.8 110.6#





#23

Phenanthrene

Concen: 0.418 ng

RT: 17.74 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BE095866.D

Acq: 27 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

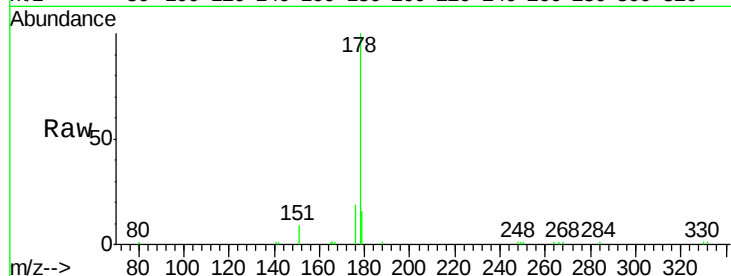
Tot Ion:178 Resp: 8886

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

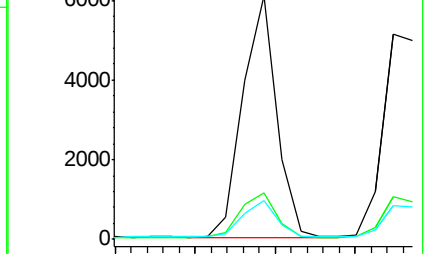
179 15.1 11.8 17.6



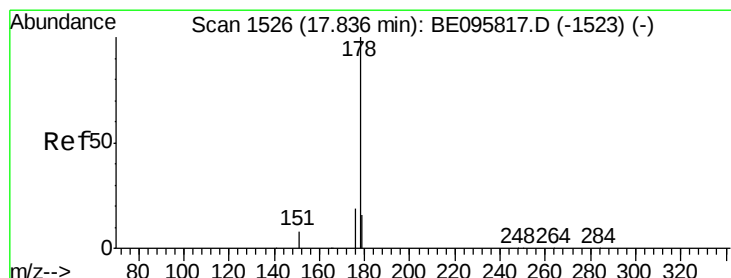
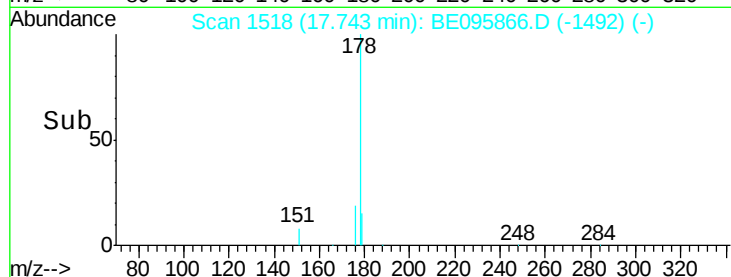
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.65 17.70 17.75 17.80



#24

Anthracene

Concen: 0.404 ng

RT: 17.82 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BE095866.D

Acq: 27 Mar 2018 9:39

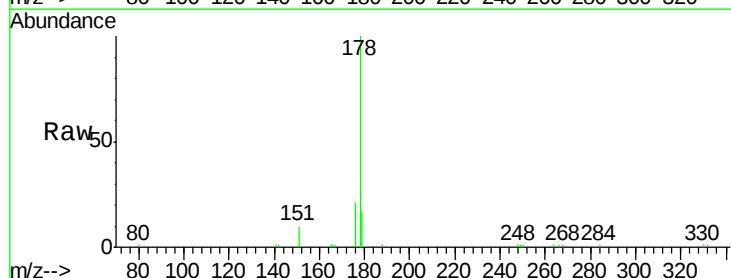
Tgt Ion:178 Resp: 8578

Ion Ratio Lower Upper

178 100

176 19.3 12.8 19.2#

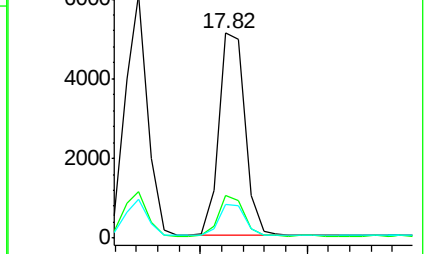
179 15.6 13.0 19.6



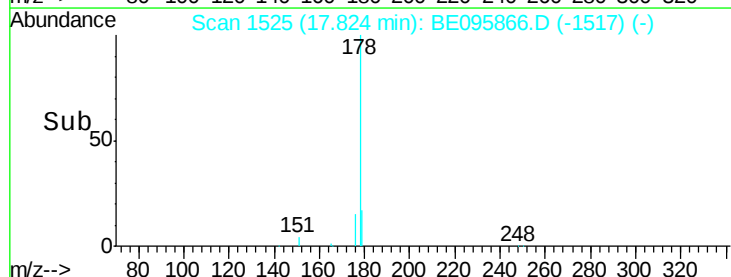
Abundance Ion 178.00 (177.70 to 178.70): E

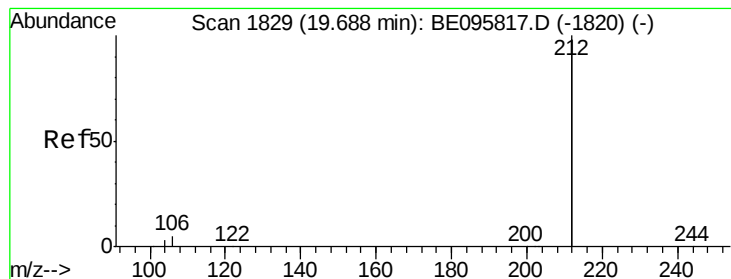
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.80 17.90





#25

Fluoranthene-d10

Concen: 0.401 ng

RT: 19.68 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BE095866.D

Acq: 27 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

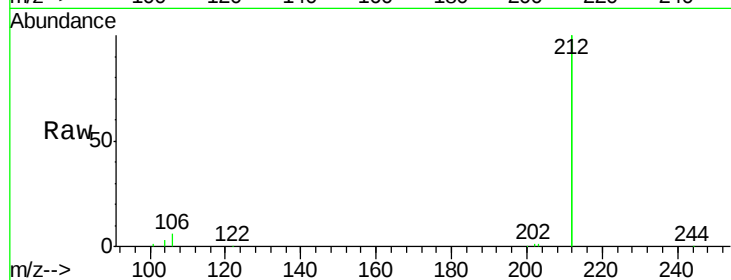
Tot Ion:212 Resp: 42295

Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2#

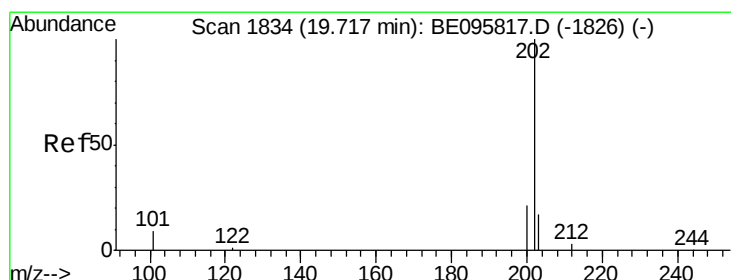
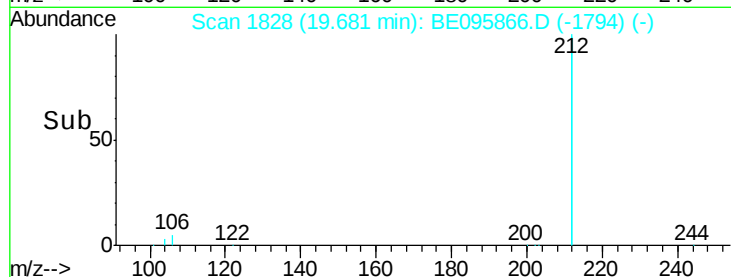
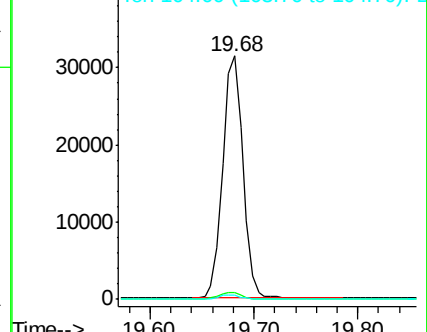
104 1.6 1.6 2.4



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: 0.405 ng

RT: 19.71 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BE095866.D

Acq: 27 Mar 2018 9:39

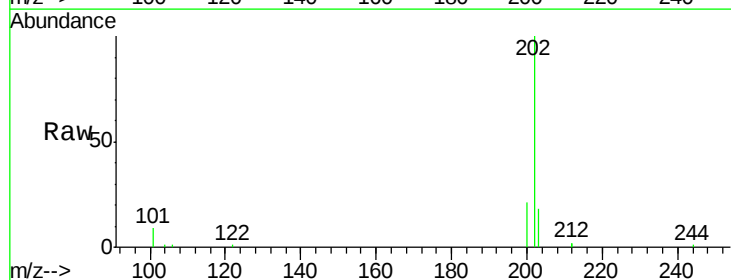
Tgt Ion:202 Resp: 11953

Ion Ratio Lower Upper

202 100

101 10.0 9.8 14.8

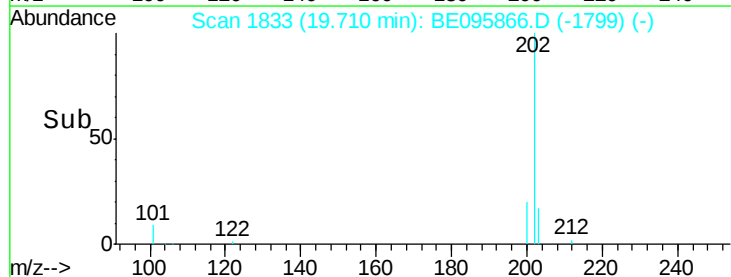
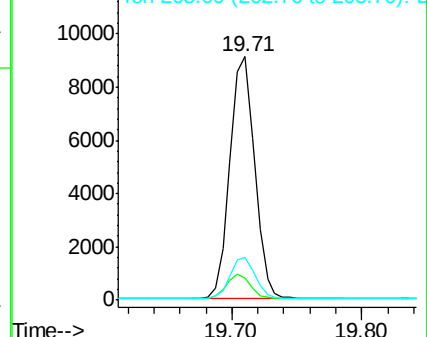
203 16.7 13.7 20.5



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: 21.79 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BE095866.D

Acq: 27 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

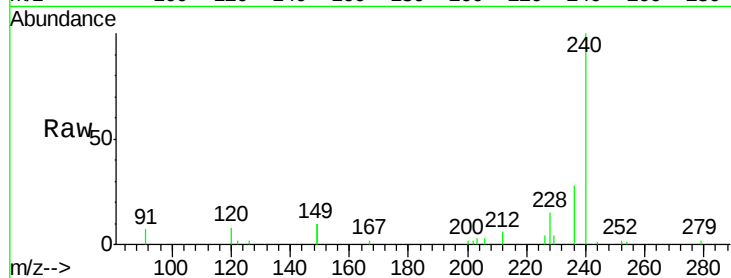
Tot Ion:240 Resp: 8191

Ion Ratio Lower Upper

240 100

120 7.9 5.5 8.3

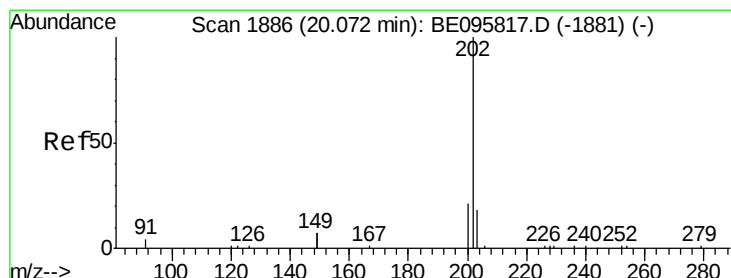
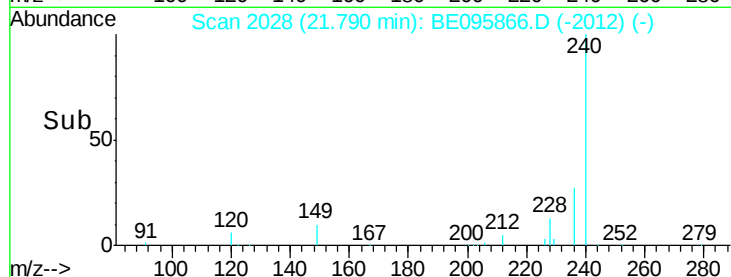
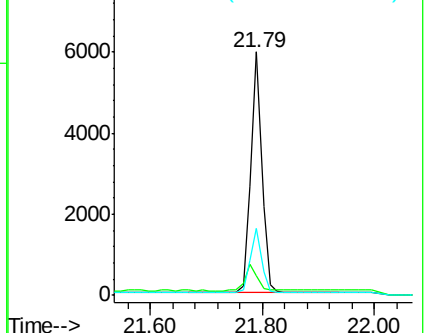
236 27.8 20.7 31.1



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: 0.421 ng

RT: 20.06 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BE095866.D

Acq: 27 Mar 2018 9:39

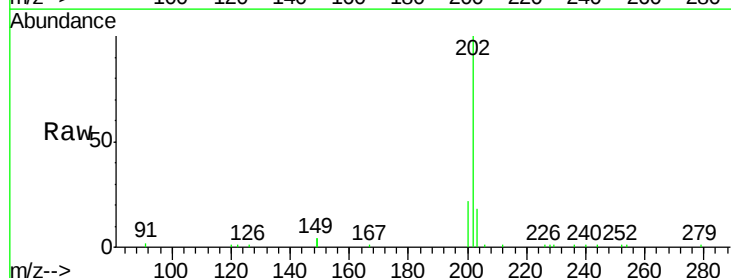
Tgt Ion:202 Resp: 14046

Ion Ratio Lower Upper

202 100

200 21.4 16.6 25.0

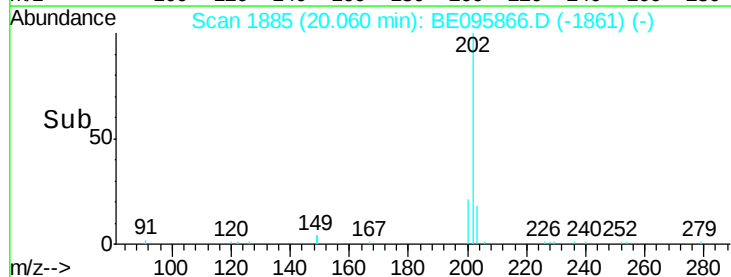
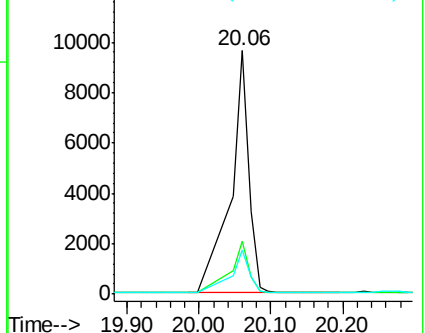
203 19.4 13.8 20.8



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: 0.407 ng

RT: 20.24 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BE095866.D

Acq: 27 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

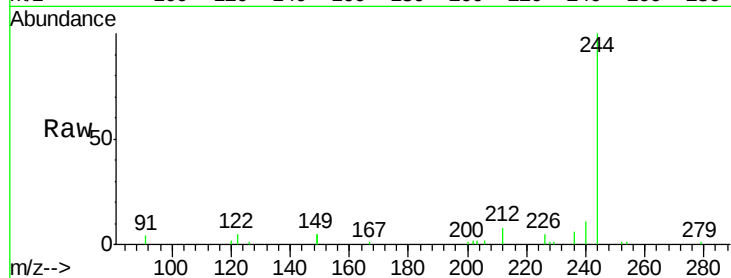
Tot Ion:244 Resp: 7084

Ion Ratio Lower Upper

244 100

212 7.6 25.4 38.0#

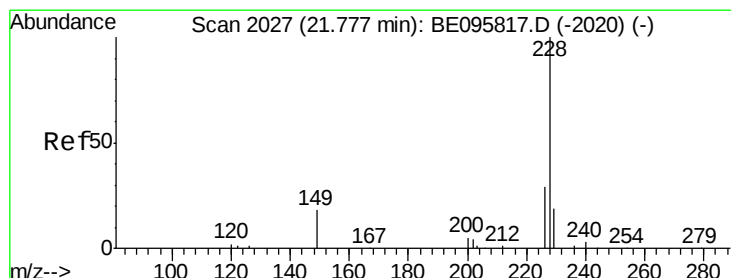
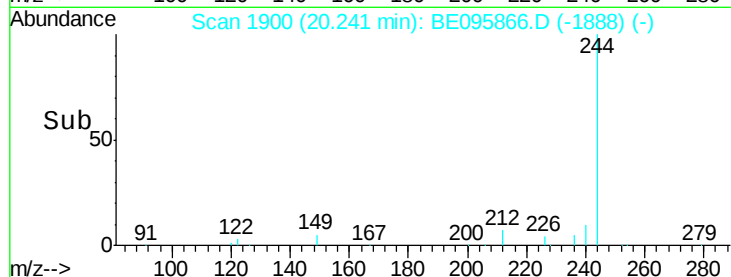
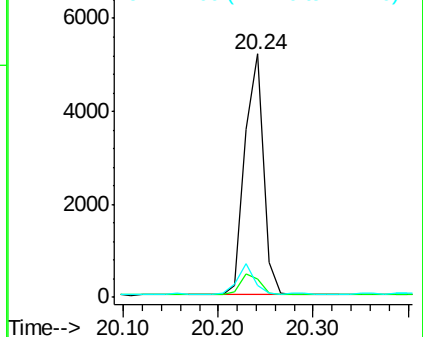
122 4.8 8.1 12.1#



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: 21.77 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BE095866.D

Acq: 27 Mar 2018 9:39

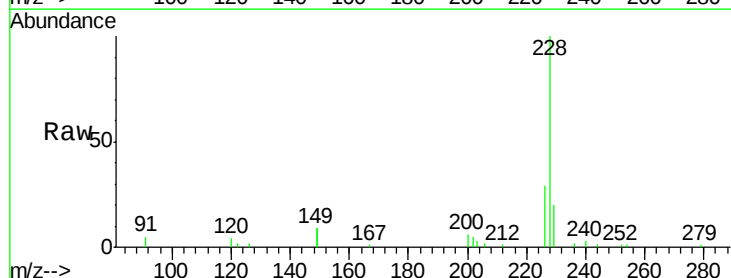
Tgt Ion:228 Resp: 11488

Ion Ratio Lower Upper

228 100

226 29.4 24.0 36.0

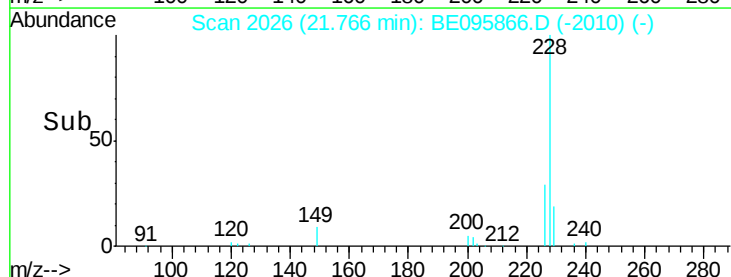
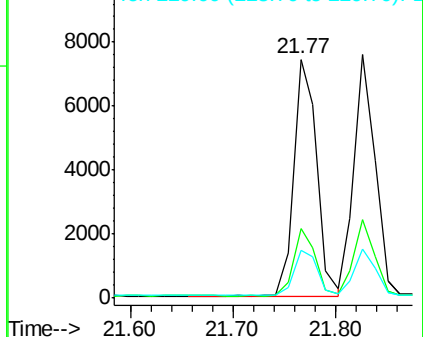
229 20.2 16.0 24.0



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: 0.413 ng

RT: 21.83 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BE095866.D

Acq: 27 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

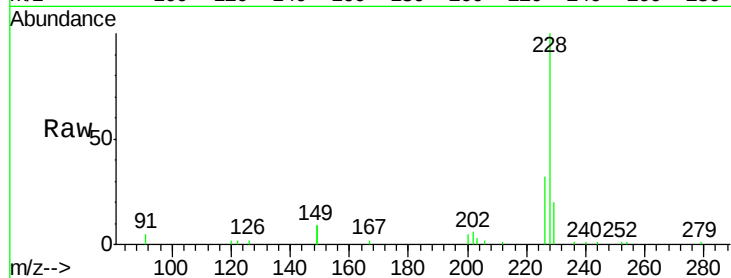
Tot Ion:228 Resp: 10695

Ion Ratio Lower Upper

228 100

226 32.2 24.0 36.0

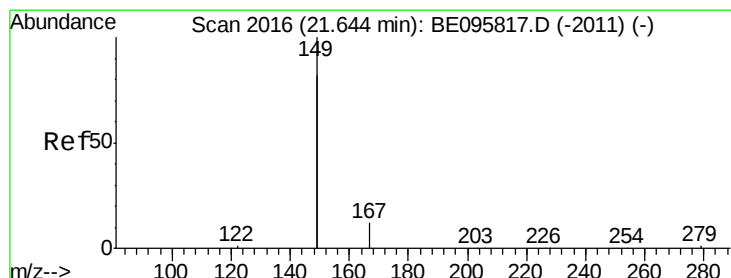
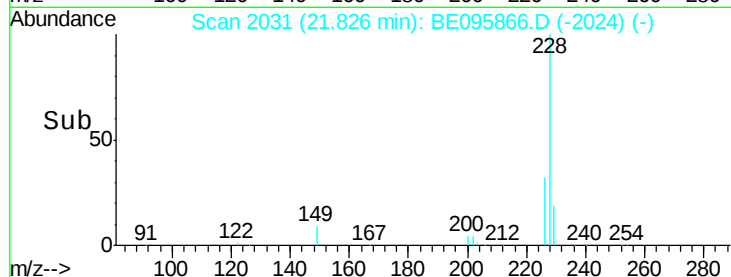
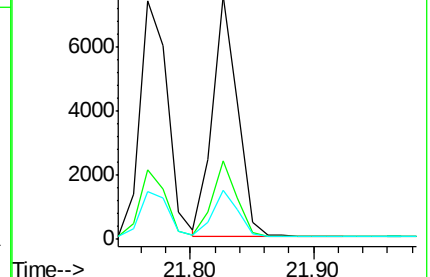
229 20.1 16.0 24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.359 ng

RT: 21.64 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BE095866.D

Acq: 27 Mar 2018 9:39

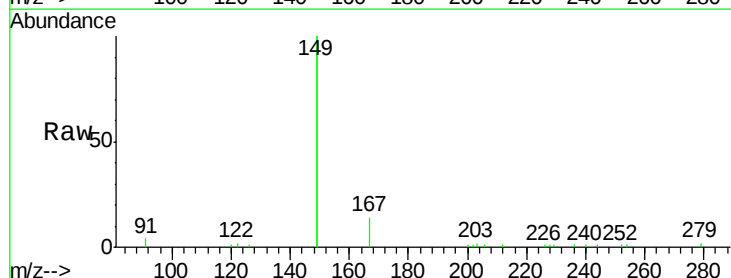
Tgt Ion:149 Resp: 31221

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

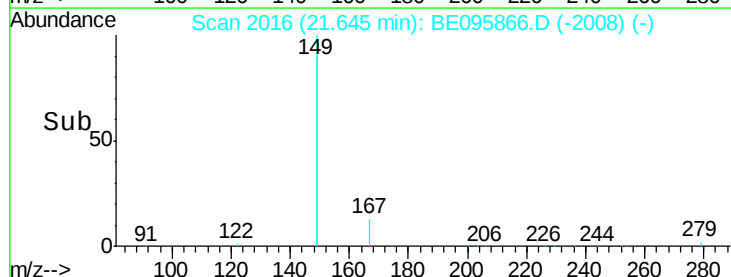
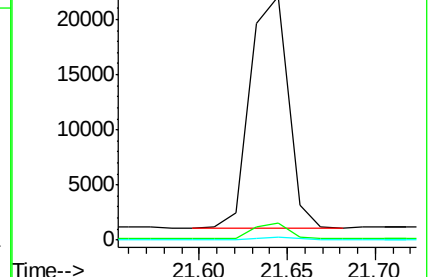
279 0.8 0.7 1.1



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





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.407 ng

RT: 27.22 min Scan# 3498

Delta R.T. -0.03 min

Lab File: BE095866.D

Acq: 27 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

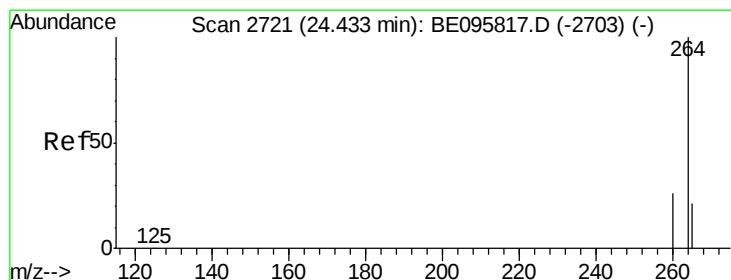
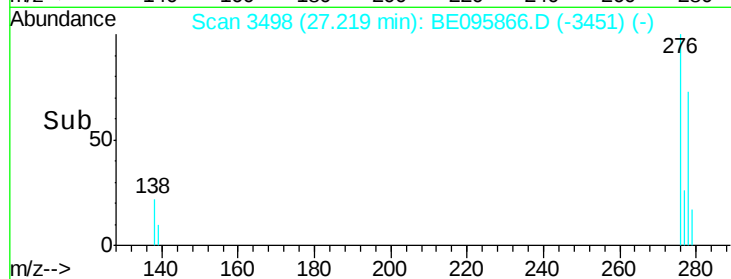
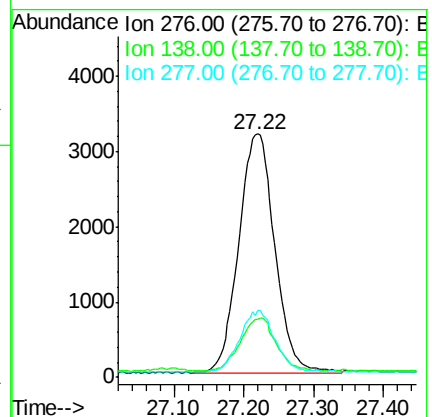
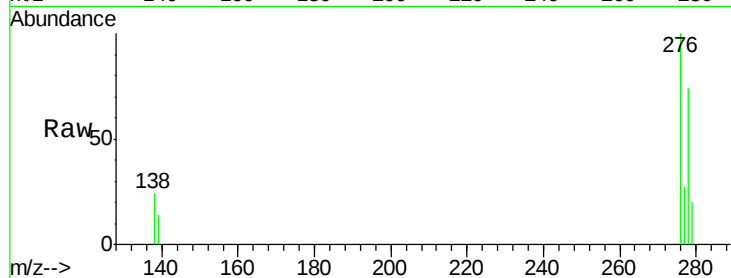
Tot Ion:276 Resp: 11363

Ion Ratio Lower Upper

276 100

138 21.7 22.5 33.7#

277 25.2 19.9 29.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.41 min Scan# 2715

Delta R.T. -0.02 min

Lab File: BE095866.D

Acq: 27 Mar 2018 9:39

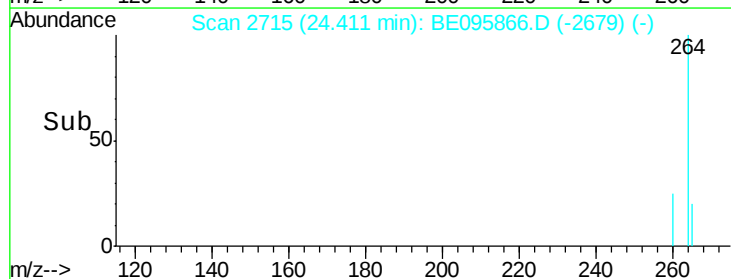
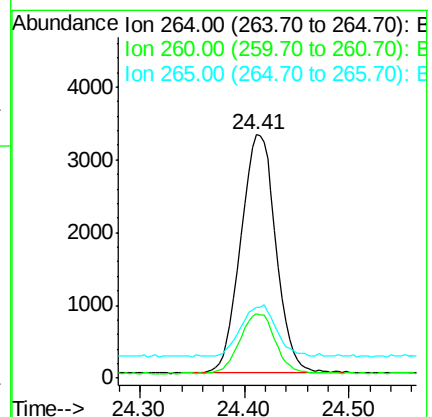
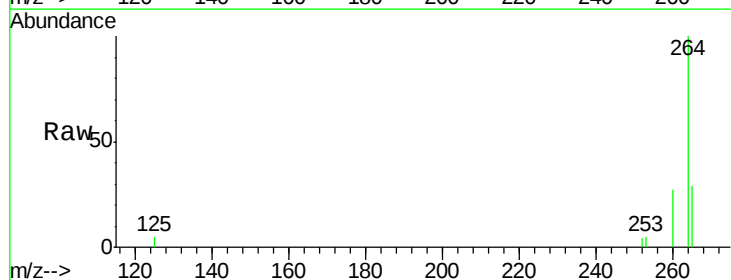
Tgt Ion:264 Resp: 7643

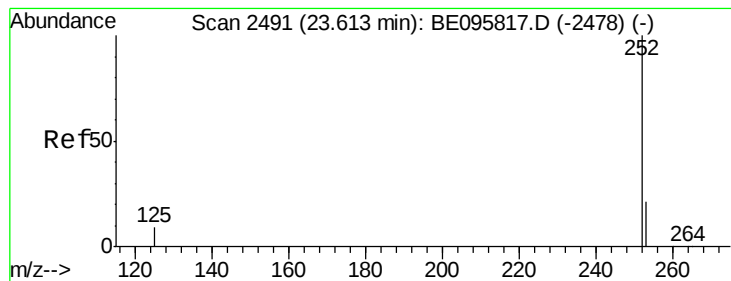
Ion Ratio Lower Upper

264 100

260 26.7 20.5 30.7

265 29.0 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.417 ng

RT: 23.60 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BE095866.D

Acq: 27 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

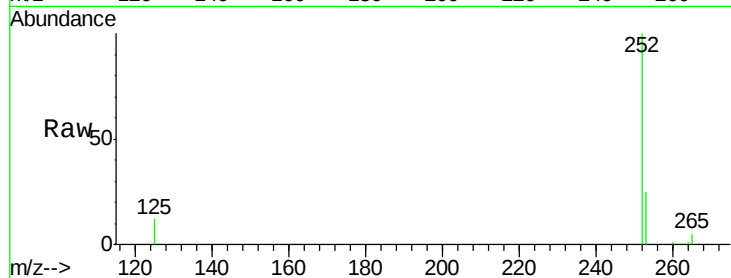
Tot Ion:252 Resp: 10539

Ion Ratio Lower Upper

252 100

253 24.6 20.0 30.0

125 12.1 16.0 24.0#

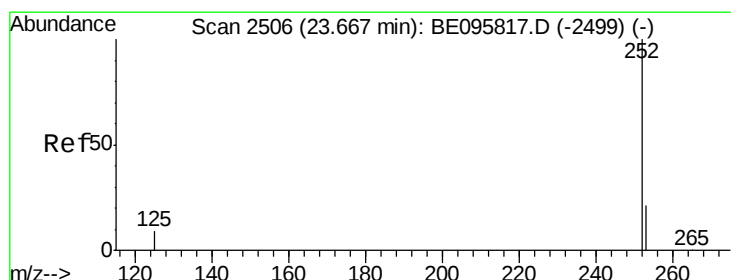
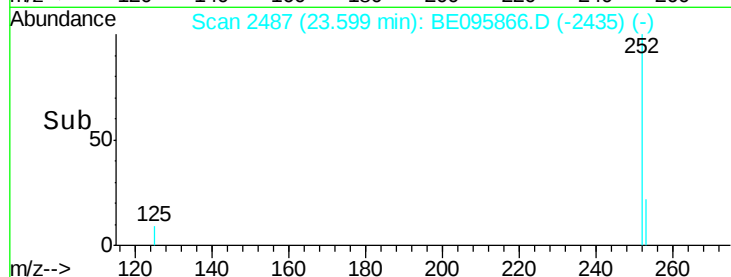
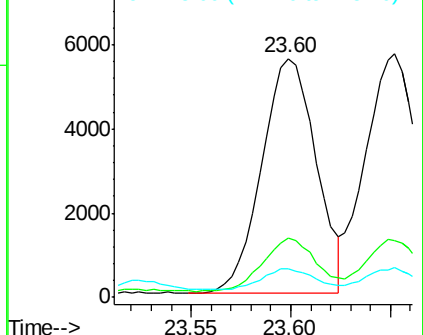


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.424 ng

RT: 23.65 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BE095866.D

Acq: 27 Mar 2018 9:39

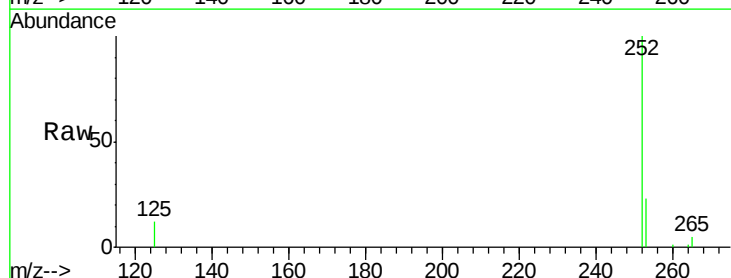
Tgt Ion:252 Resp: 10733

Ion Ratio Lower Upper

252 100

253 23.3 16.0 24.0

125 12.1 8.0 12.0#

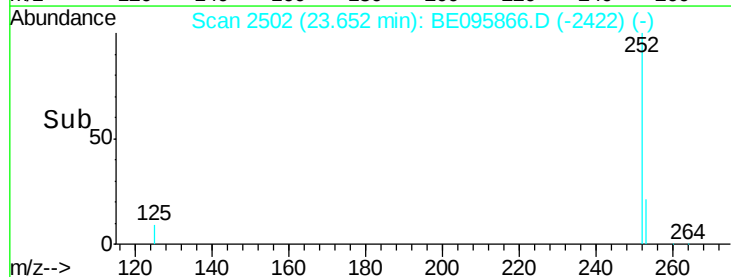
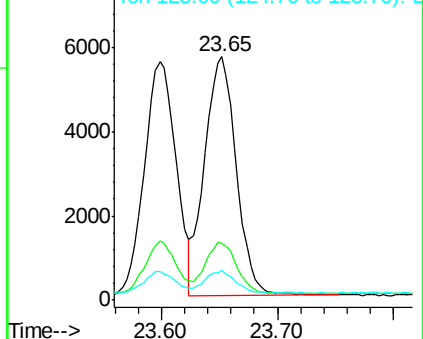


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.418 ng

RT: 24.29 min Scan# 2682

Delta R.T. -0.02 min

Lab File: BE095866.D

Acq: 27 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

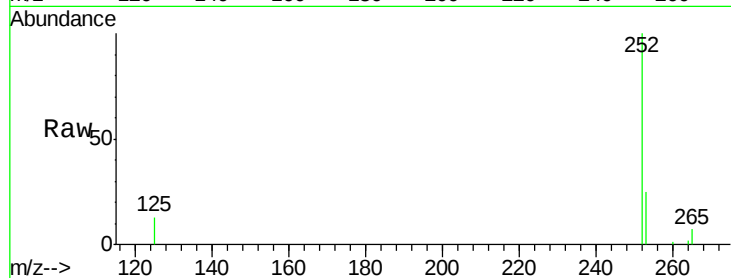
Tot Ion:252 Resp: 9897

Ion Ratio Lower Upper

252 100

253 24.5 16.0 24.0#

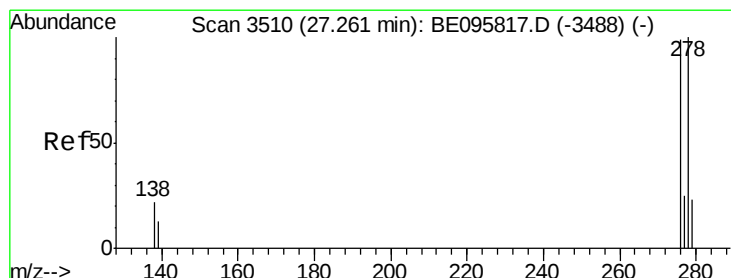
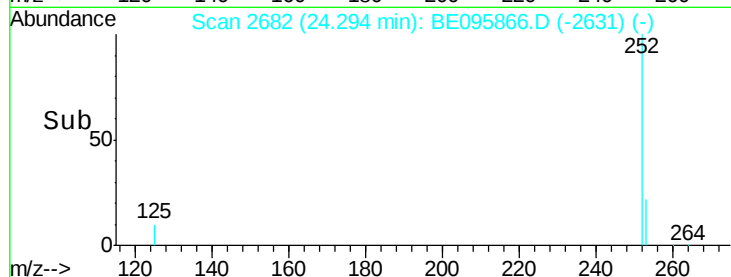
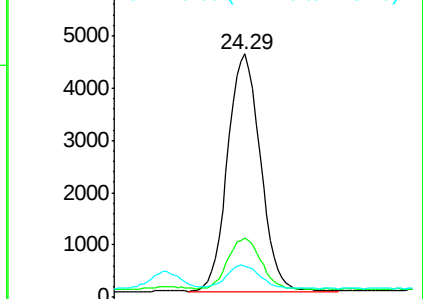
125 13.0 12.0 18.0



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: 0.420 ng

RT: 27.23 min Scan# 3501

Delta R.T. -0.03 min

Lab File: BE095866.D

Acq: 27 Mar 2018 9:39

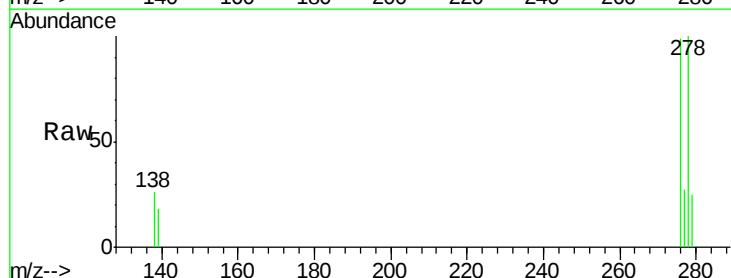
Tgt Ion:278 Resp: 9467

Ion Ratio Lower Upper

278 100

139 17.7 16.0 24.0

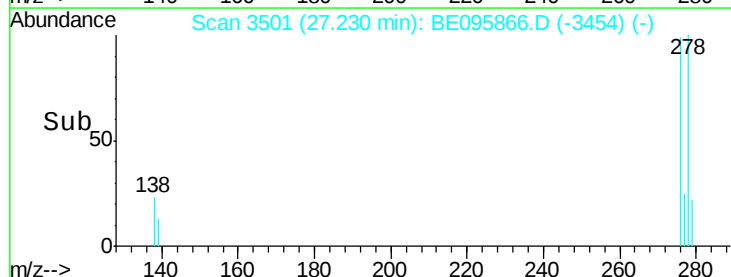
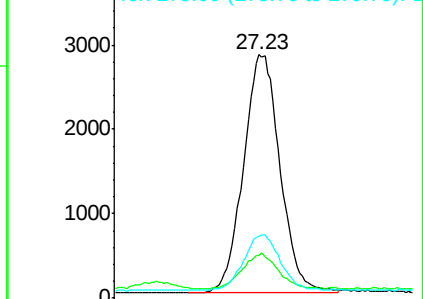
279 25.2 20.0 30.0

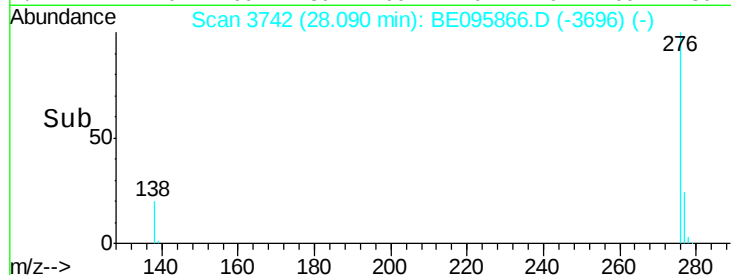
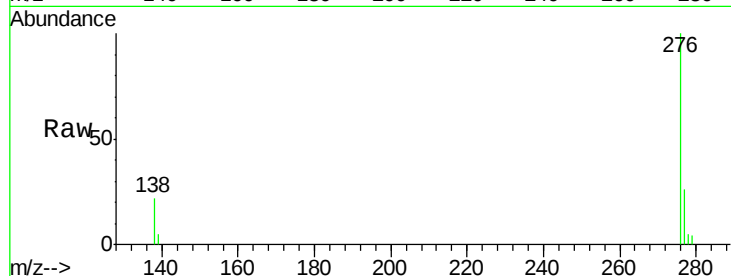
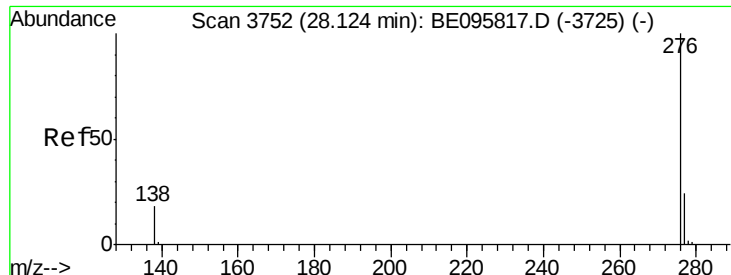


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.416 ng

RT: 28.09 min Scan# 3742

Delta R.T. -0.03 min

Lab File: BE095866.D

Acq: 27 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 276 Resp: 9413

Ion Ratio Lower Upper

276 100

277 26.0 16.0 24.0#

138 22.4 20.0 30.0

