

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE032318\
 Data File : BE095829.D
 Acq On : 23 Mar 2018 18:49
 Operator : SJ/JU
 Sample : PB107346BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 23 23:23:42 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	1344	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	4730	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2536	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	5619	0.40	ng	0.00
27) Chrysene-d12	21.80	240	6225	0.40	ng	0.00
34) Perylene-d12	24.42	264	6310	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	1282	0.29	ng	0.00
5) Phenol-d6	7.56	99	1737	0.29	ng	0.00
8) Nitrobenzene-d5	9.51	82	150	0.03	ng	-0.08
11) 2-Methylnaphthalene-d10	12.80	152	2071	0.26	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	369	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.63	172	3846	0.36	ng	-0.01
25) Fluoranthene-d10	19.68	212	21668	0.26	ng	0.00
29) Terphenyl-d14	20.24	244	5124	0.39	ng	0.00

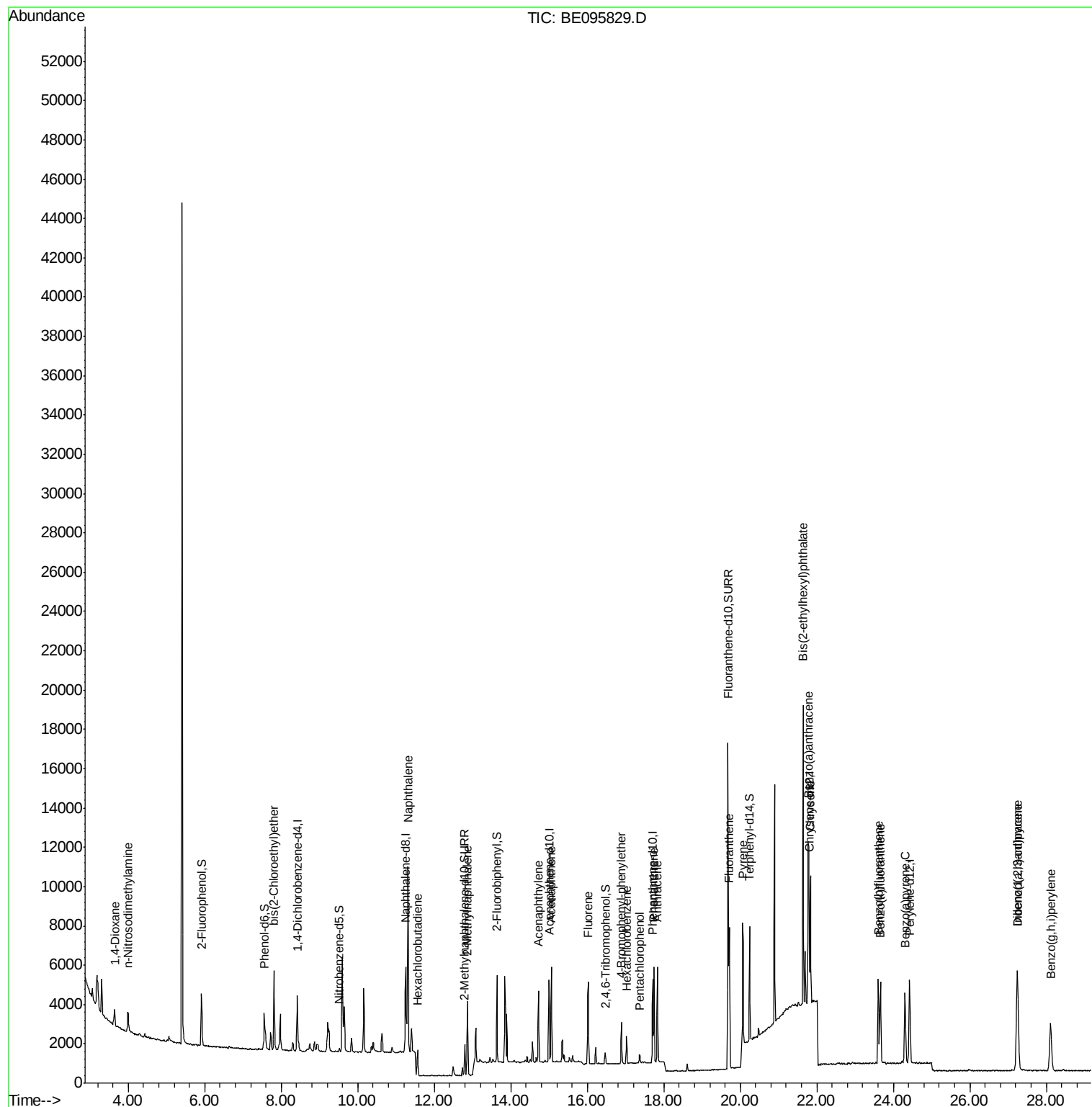
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.64	88	533	0.242	ng	# 68
3) n-Nitrosodimethylamine	3.99	42	788	0.244	ng	84
6) bis(2-Chloroethyl)ether	7.81	93	1376	0.262	ng	93
9) Naphthalene	11.31	128	15333	0.284	ng	99
10) Hexachlorobutadiene	11.56	225	1033	0.278	ng	96
12) 2-Methylnaphthalene	12.87	142	2582	0.280	ng	94
16) Acenaphthylene	14.73	152	3842	0.265	ng	99
17) Acenaphthene	15.06	154	2342	0.265	ng	96
18) Fluorene	16.03	166	3066	0.263	ng	# 79
20) 4-Bromophenyl-phenylether	16.89	248	991	0.293	ng	# 82
21) Hexachlorobenzene	17.02	284	1037	0.307	ng	# 84
22) Pentachlorophenol	17.37	266	275	0.347	ng	# 81
23) Phenanthrene	17.74	178	4949	0.294	ng	99
24) Anthracene	17.84	178	4854	0.289	ng	# 94
26) Fluoranthene	19.72	202	6412	0.274	ng	97
28) Pyrene	20.06	202	7948	0.313	ng	98
30) Benzo(a)anthracene	21.78	228	6385	0.296	ng	98
31) Chrysene	21.84	228	6034	0.306	ng	96
32) Bis(2-ethylhexyl)phthalate	21.64	149	16263	0.246	ng	100
33) Indeno(1,2,3-cd)pyrene	27.24	276	7267	0.342	ng	# 93
35) Benzo(b)fluoranthene	23.61	252	6174	0.296	ng	# 94
36) Benzo(k)fluoranthene	23.66	252	6127	0.293	ng	# 87
37) Benzo(a)pyrene	24.30	252	6095	0.311	ng	# 87
38) Dibenzo(a,h)anthracene	27.25	278	5985	0.322	ng	95
39) Benzo(g,h,i)perylene	28.11	276	6074	0.325	ng	# 89

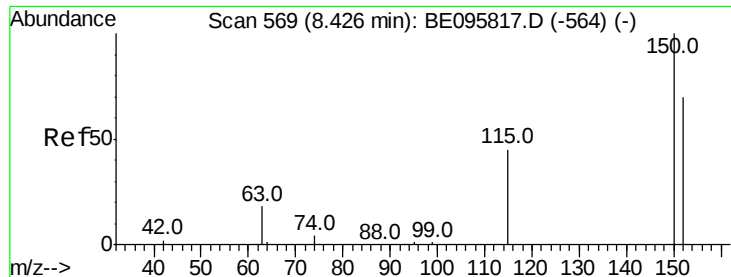
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE032318\
Data File : BE095829.D
Acq On : 23 Mar 2018 18:49
Operator : SJ/JU
Sample : PB107346BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 23 23:23:42 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



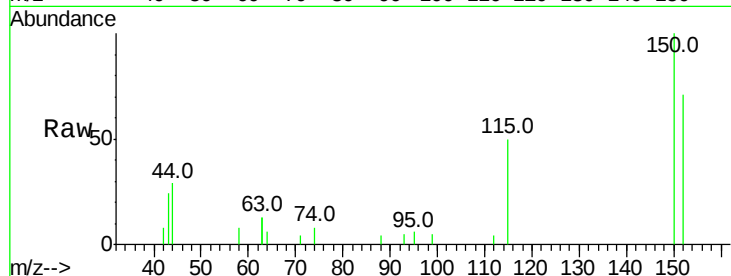


#1

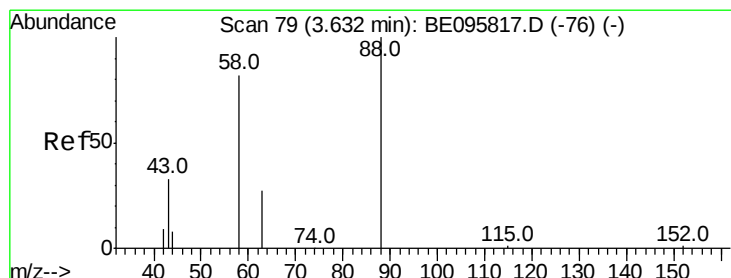
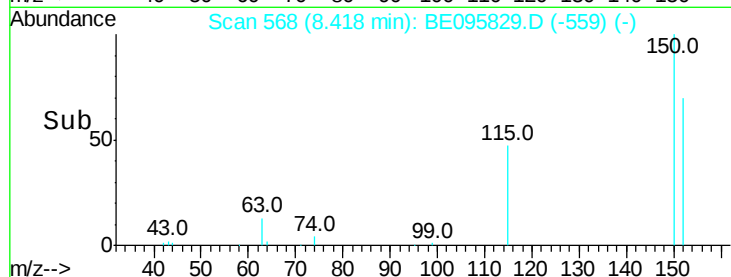
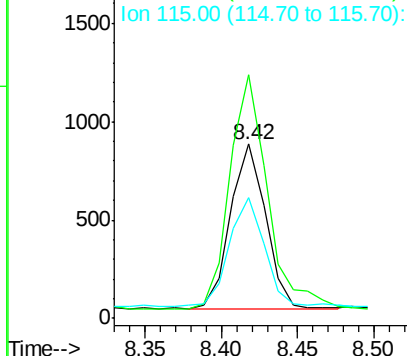
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095829.D
Acq: 23 Mar 2018 18:49

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1344
Ion Ratio Lower Upper
152 100
150 140.0 117.2 175.8
115 69.8 57.0 85.6



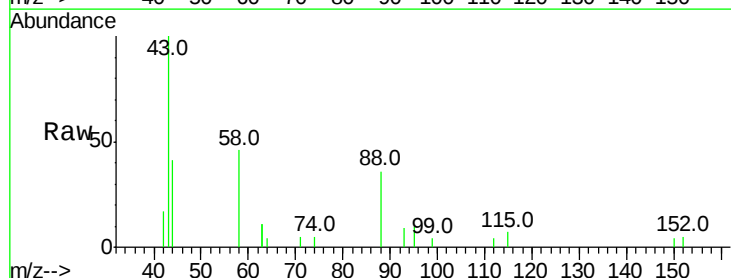
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



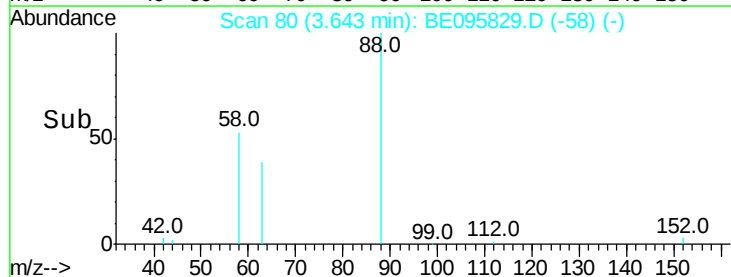
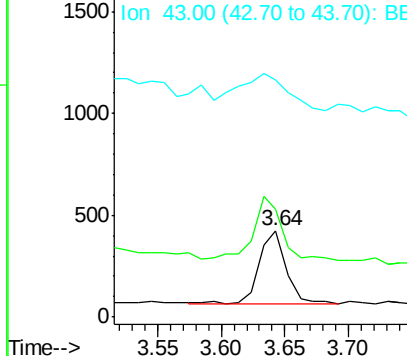
#2

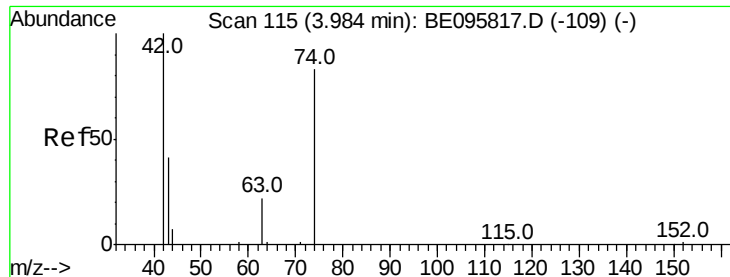
1,4-Dioxane
Concen: 0.242 ng
RT: 3.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: BE095829.D
Acq: 23 Mar 2018 18:49

Tgt Ion: 88 Resp: 533
Ion Ratio Lower Upper
88 100
58 91.7 63.2 94.8
43 92.5 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



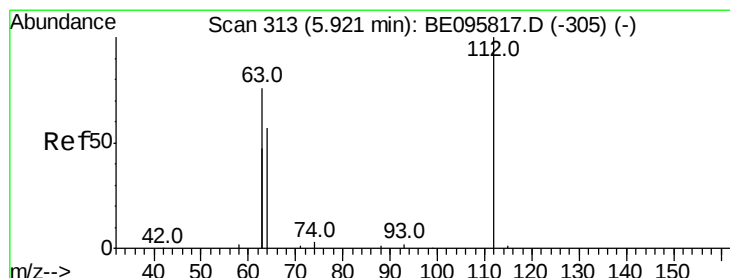
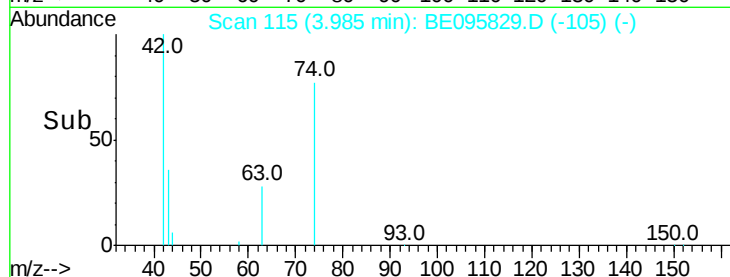
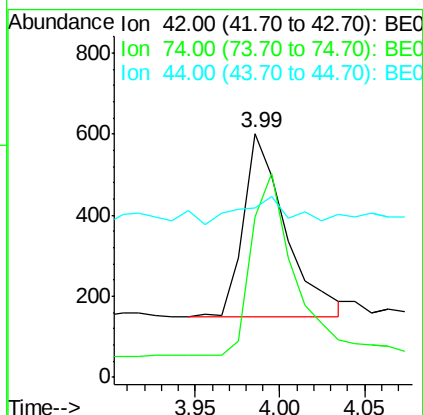
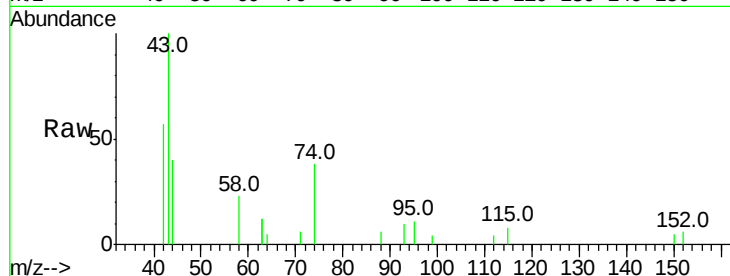


#3

n-Nitrosodimethylamine
 Concen: 0.244 ng
 RT: 3.99 min Scan# 115
 Delta R.T. 0.00 min
 Lab File: BE095829.D
 Acq: 23 Mar 2018 18:49

Instrument :
 BNA_E
 ClientSampleId :

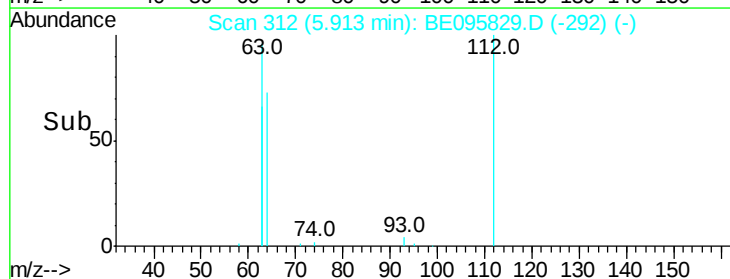
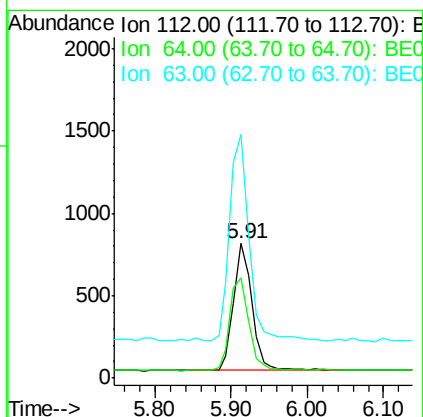
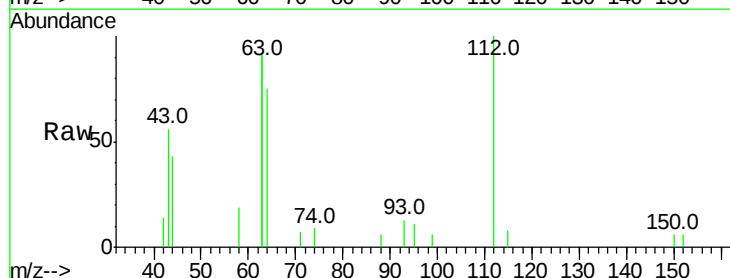
Tot Ion: 42 Resp: 788
 Ion Ratio Lower Upper
 42 100
 74 101.1 96.0 144.0
 44 17.8 12.0 18.0

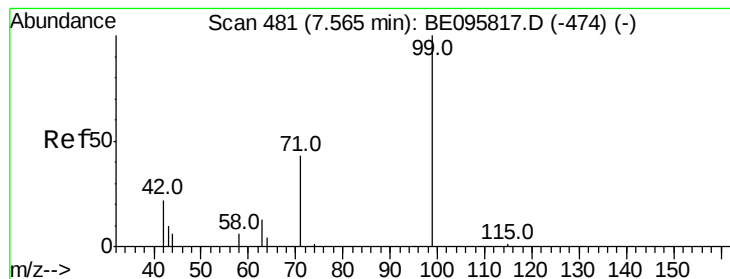


#4

2-Fluorophenol
 Concen: 0.289 ng
 RT: 5.91 min Scan# 312
 Delta R.T. -0.01 min
 Lab File: BE095829.D
 Acq: 23 Mar 2018 18:49

Tgt Ion: 112 Resp: 1282
 Ion Ratio Lower Upper
 112 100
 64 78.5 60.1 90.1
 63 172.8 116.8 175.2





#5

Phenol-d6

Concen: 0.285 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095829.D

Acq: 23 Mar 2018 18:49

Instrument :

BNA_E

ClientSampled :

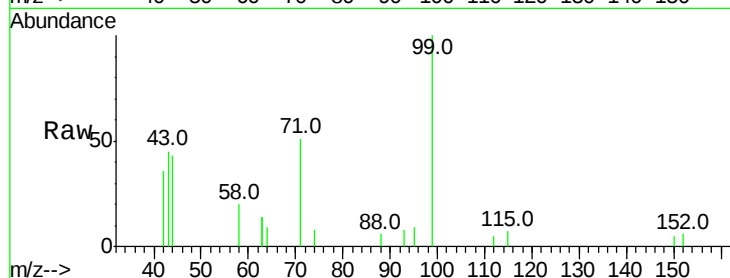
Tot Ion: 99 Resp: 1737

Ion Ratio Lower Upper

99 100

42 26.9 20.2 30.2

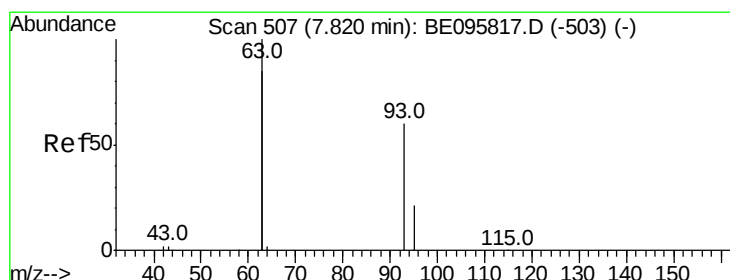
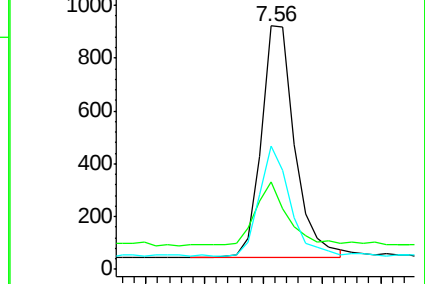
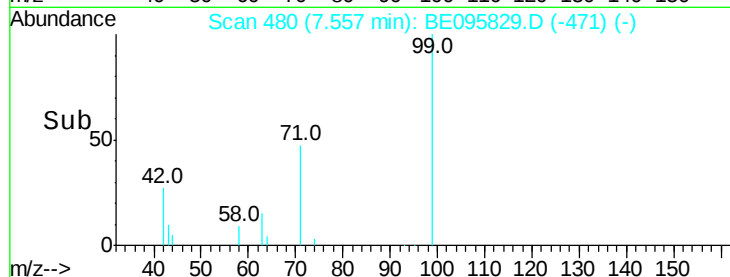
71 43.6 28.4 42.6#



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: 0.262 ng

RT: 7.81 min Scan# 506

Delta R.T. -0.01 min

Lab File: BE095829.D

Acq: 23 Mar 2018 18:49

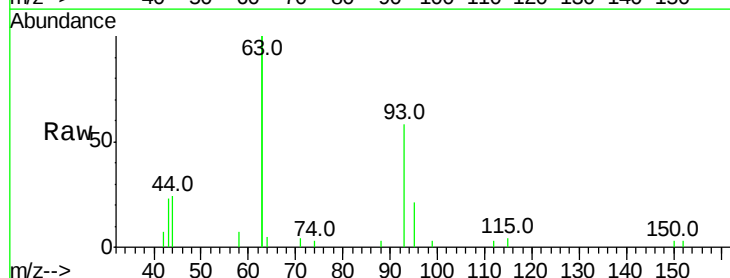
Tgt Ion: 93 Resp: 1376

Ion Ratio Lower Upper

93 100

63 327.3 275.3 412.9

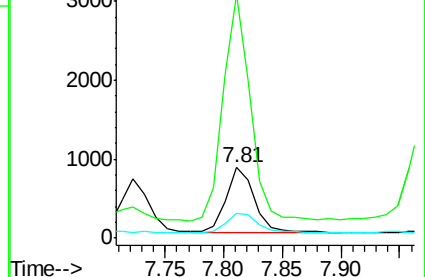
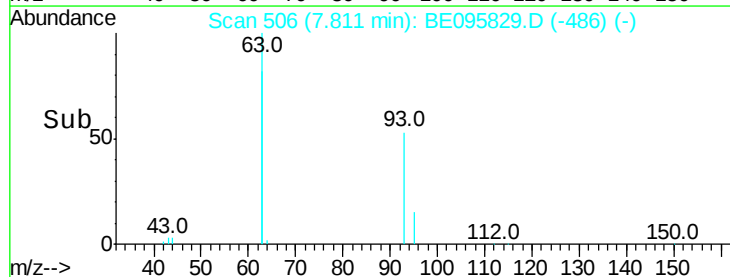
95 33.5 25.2 37.8

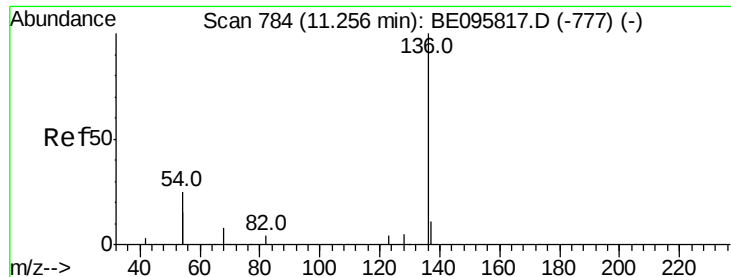


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 11.26 min Scan# 784

Delta R.T. -0.00 min

Lab File: BE095829.D

Acq: 23 Mar 2018 18:49

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4730

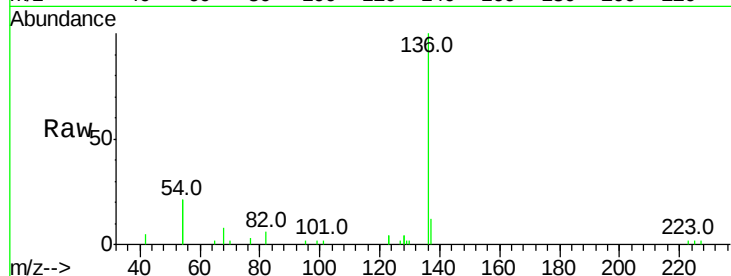
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 41.7 29.1 43.7

68 7.6 6.2 9.2

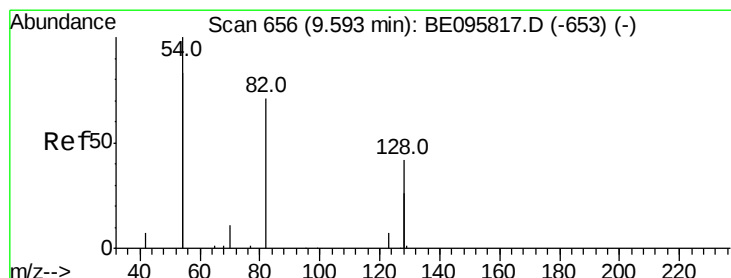
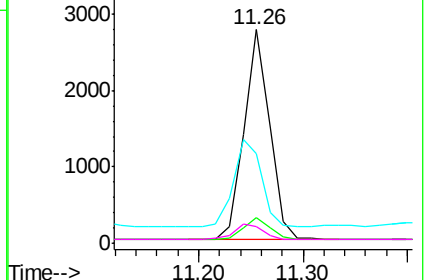
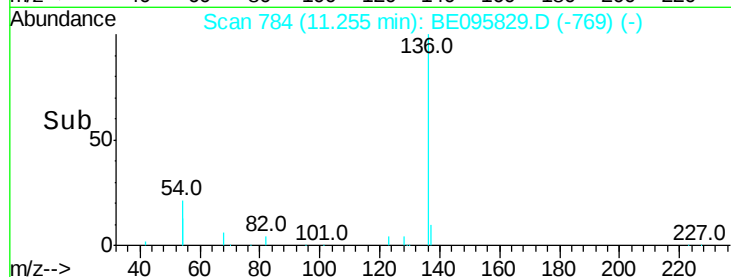


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.027 ng

RT: 9.51 min Scan# 650

Delta R.T. -0.08 min

Lab File: BE095829.D

Acq: 23 Mar 2018 18:49

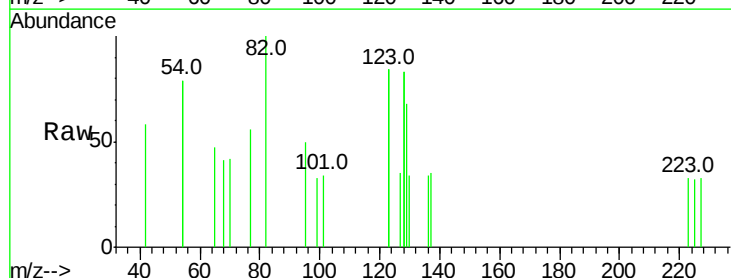
Tgt Ion: 82 Resp: 150

Ion Ratio Lower Upper

82 100

128 166.0 150.0 225.0

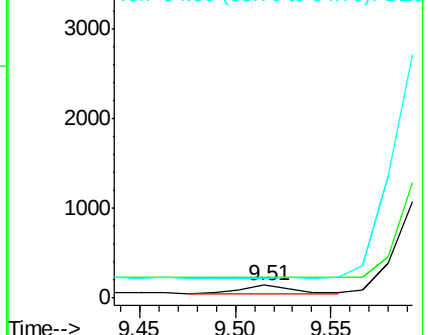
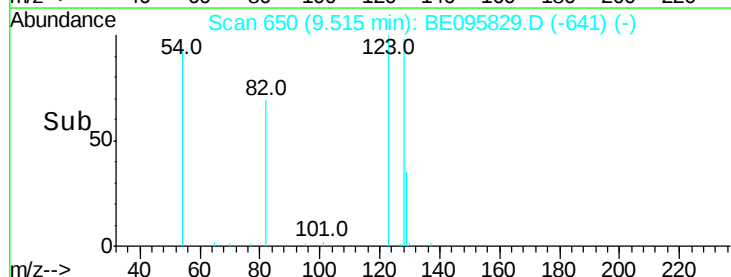
54 157.4 154.2 231.4

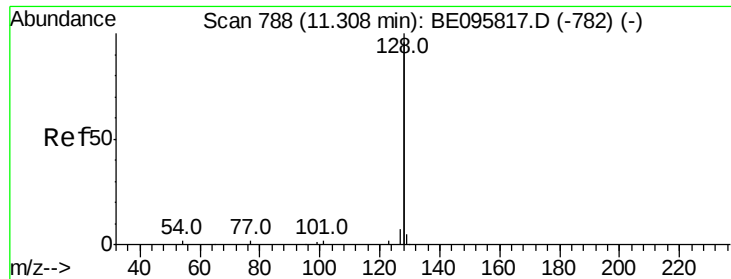


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.284 ng

RT: 11.31 min Scan# 788

Delta R.T. -0.00 min

Lab File: BE095829.D

Acq: 23 Mar 2018 18:49

Instrument :

BNA_E

ClientSampleId :

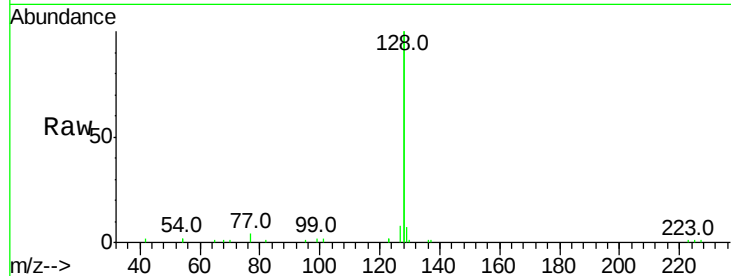
Tot Ion:128 Resp: 15333

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

127 3.8 2.8 4.2

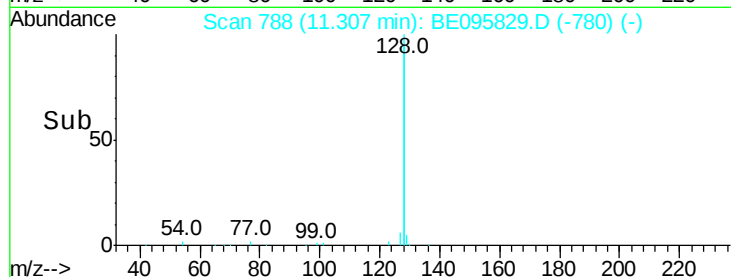


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

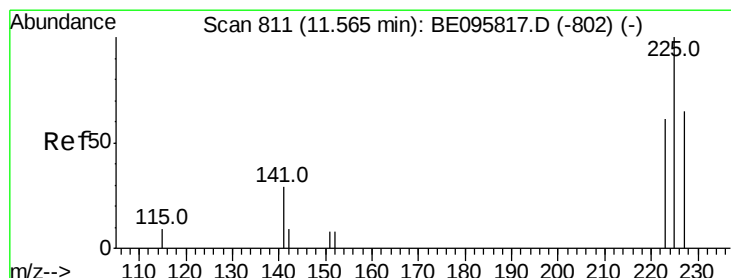
Ion 127.00 (126.70 to 127.70): E

Time-->



11.31

Time-->



#10

Hexachlorobutadiene

Concen: 0.278 ng

RT: 11.56 min Scan# 810

Delta R.T. -0.01 min

Lab File: BE095829.D

Acq: 23 Mar 2018 18:49

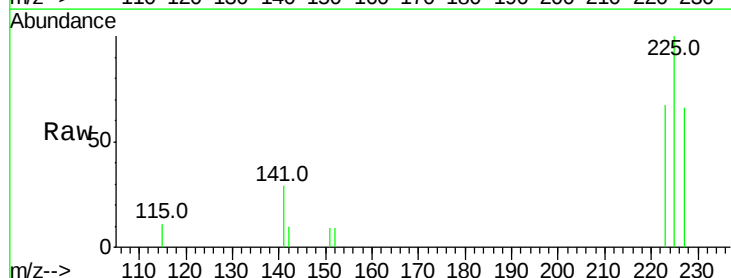
Tgt Ion:225 Resp: 1033

Ion Ratio Lower Upper

225 100

223 63.1 53.0 79.6

227 66.7 51.4 77.2

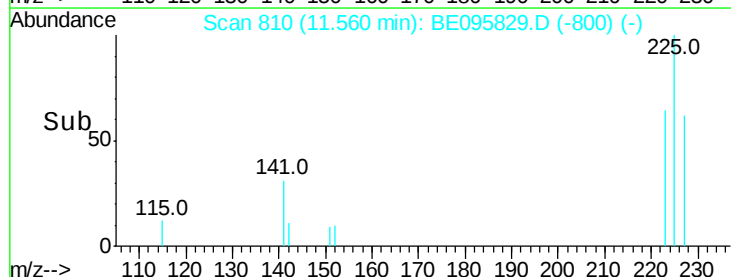


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

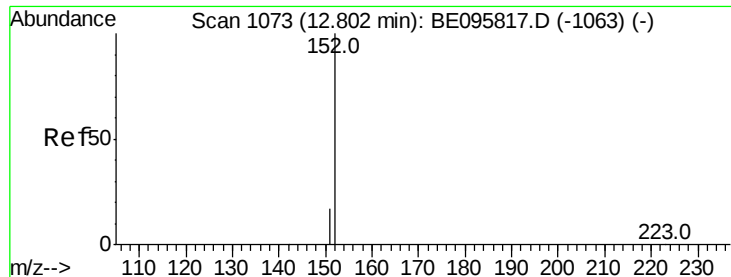
Ion 227.00 (226.70 to 227.70): E

Time-->



11.56

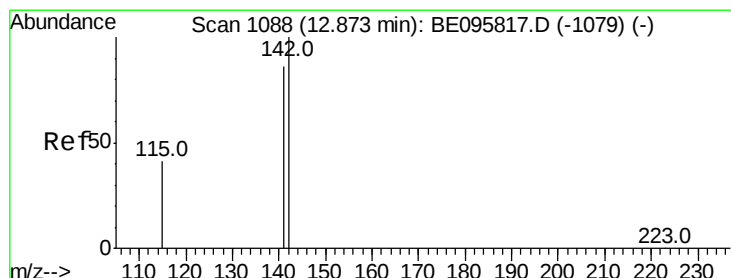
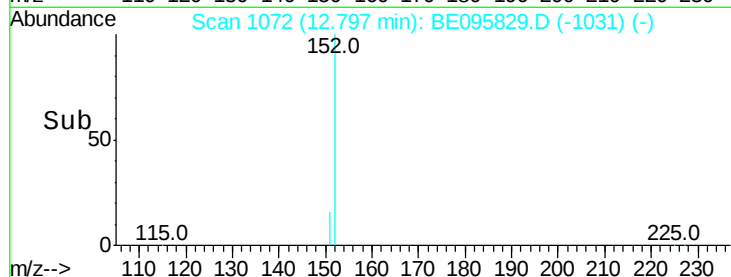
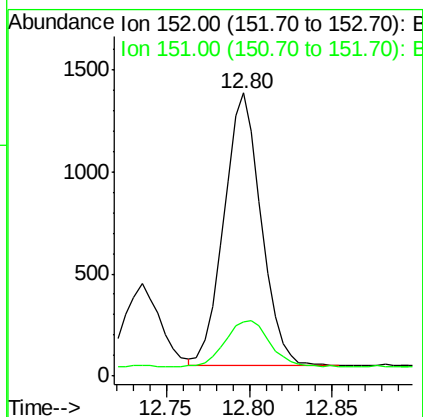
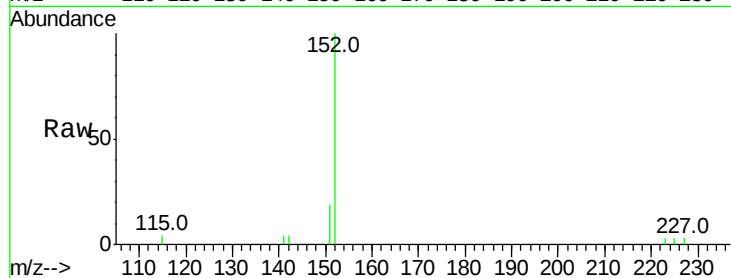
Time-->



#11
2-Methylnaphthalene-d10
Concen: 0.262 ng
RT: 12.80 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BE095829.D
Acq: 23 Mar 2018 18:49

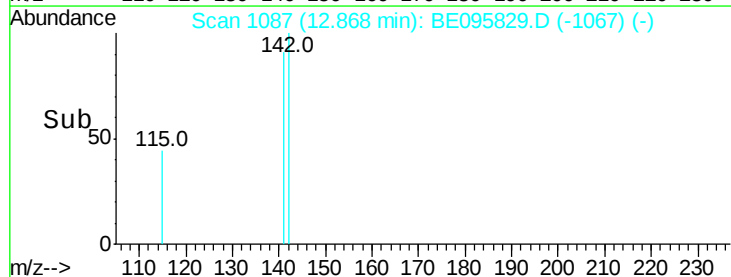
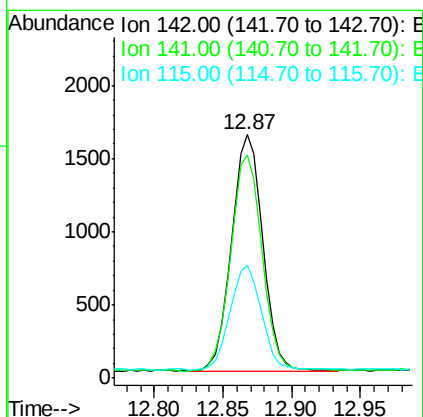
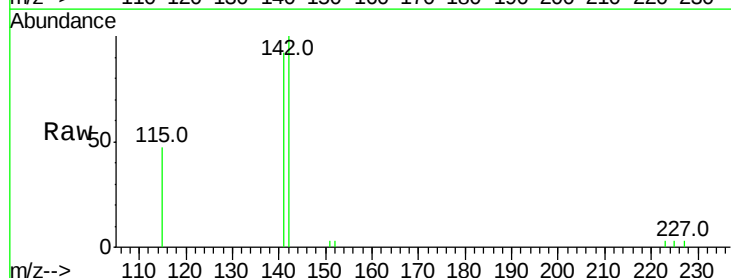
Instrument :
BNA_E
ClientSampleId :

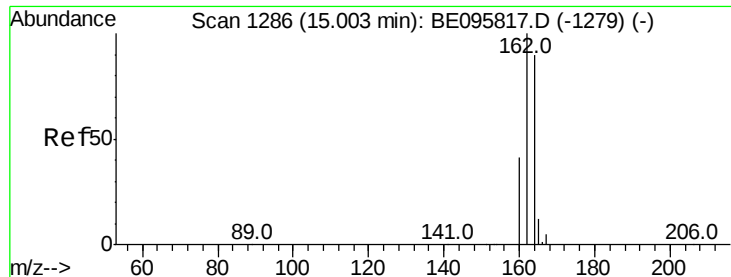
Tot Ion:152 Resp: 2071
Ion Ratio Lower Upper
152 100
151 20.2 15.4 23.0



#12
2-Methylnaphthalene
Concen: 0.280 ng
RT: 12.87 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BE095829.D
Acq: 23 Mar 2018 18:49

Tgt Ion:142 Resp: 2582
Ion Ratio Lower Upper
142 100
141 91.6 70.4 105.6
115 46.5 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: BE095829.D

Acq: 23 Mar 2018 18:49

Instrument :

BNA_E

ClientSampleId :

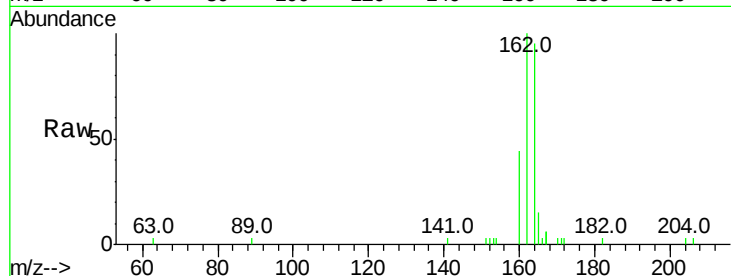
Tot Ion:164 Resp: 2536

Ion Ratio Lower Upper

164 100

162 105.4 83.1 124.7

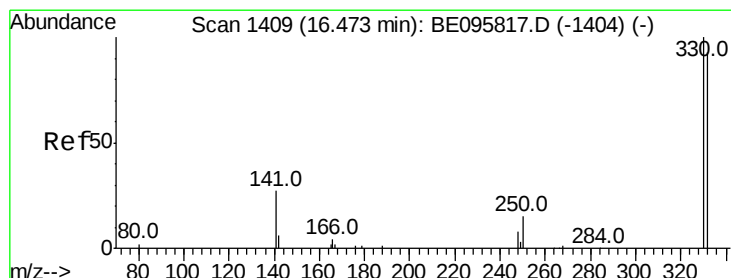
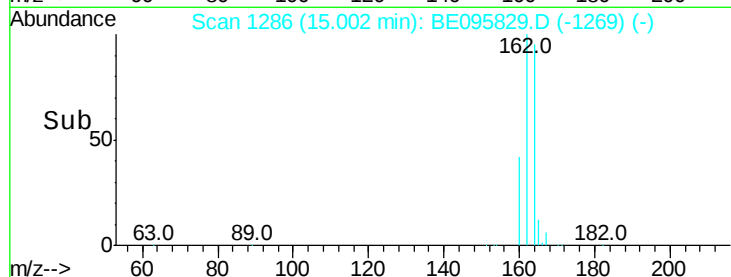
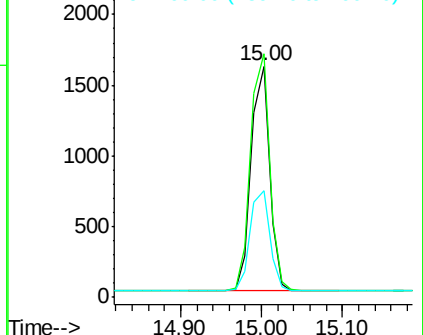
160 46.0 37.1 55.7



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: 0.252 ng

RT: 16.47 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BE095829.D

Acq: 23 Mar 2018 18:49

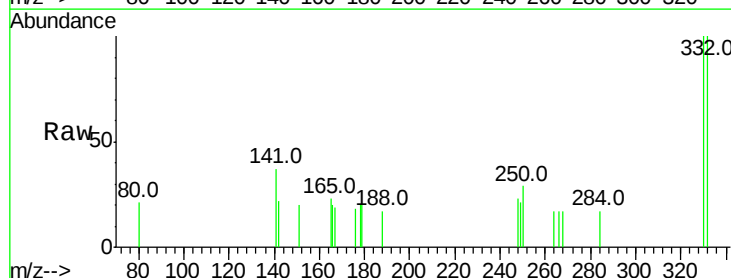
Tgt Ion:330 Resp: 369

Ion Ratio Lower Upper

330 100

332 94.3 152.7 229.1#

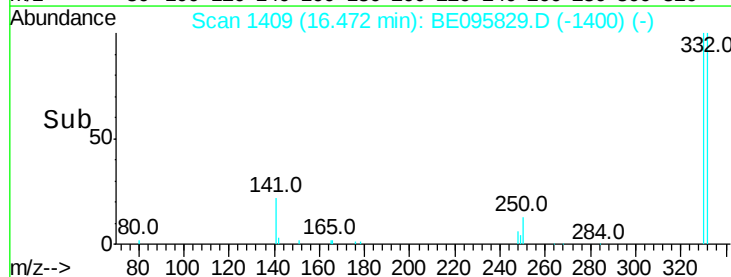
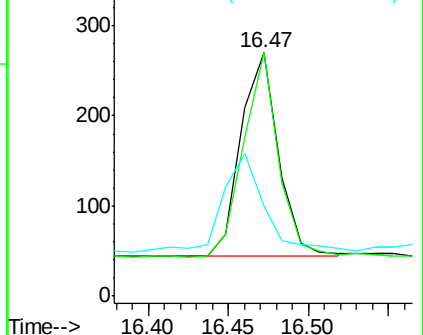
141 54.2 33.7 50.5#

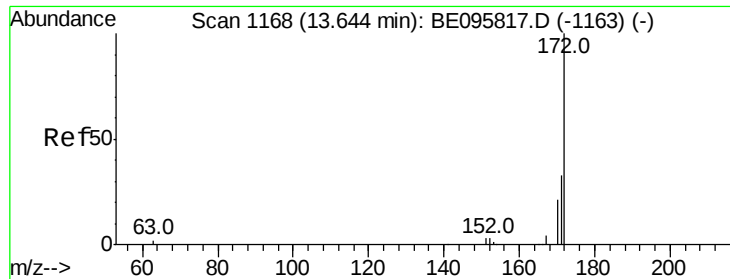


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

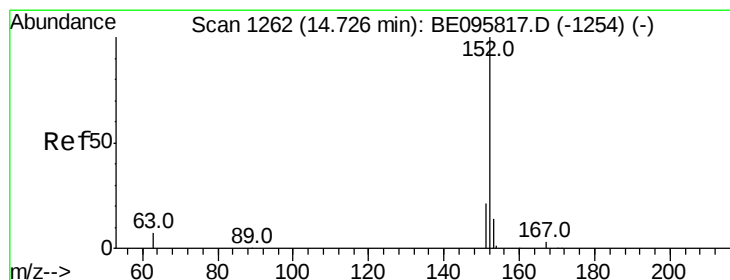
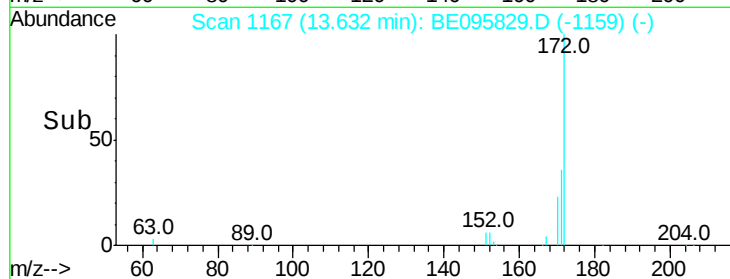
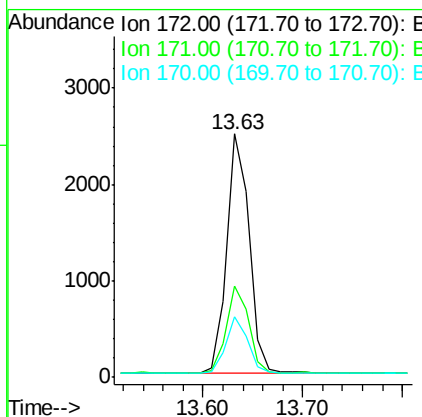
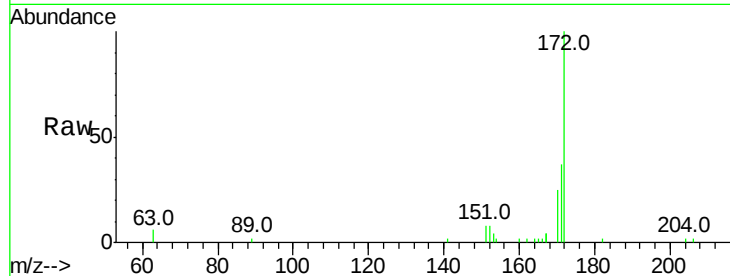




#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095829.D
Acq: 23 Mar 2018 18:49

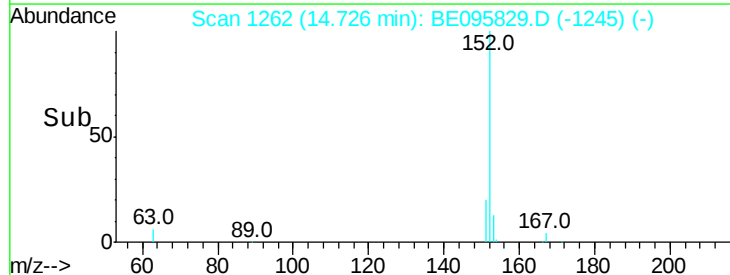
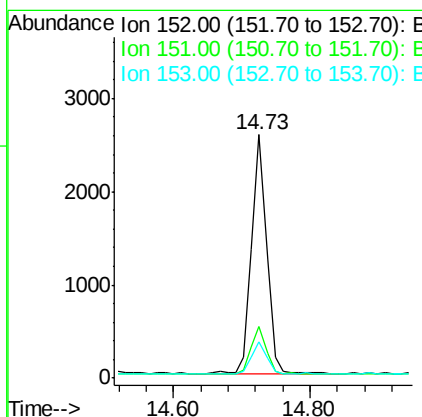
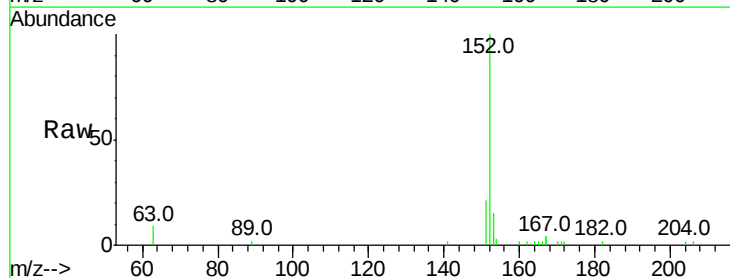
Instrument :
BNA_E
ClientSampleId :

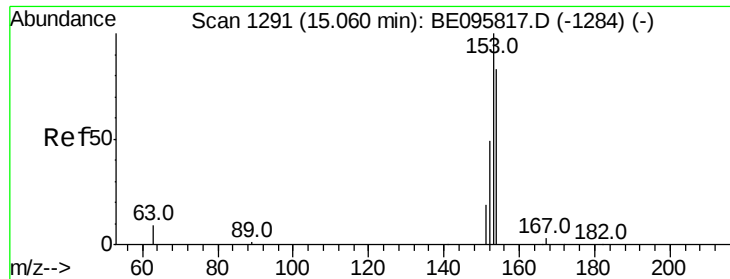
Tot Ion:172 Resp: 3846
Ion Ratio Lower Upper
172 100
171 37.5 29.9 44.9
170 24.9 21.8 32.8



#16
Acenaphthylene
Concen: 0.265 ng
RT: 14.73 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE095829.D
Acq: 23 Mar 2018 18:49

Tgt Ion:152 Resp: 3842
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.4 10.5 15.7





#17

Acenaphthene

Concen: 0.265 ng

RT: 15.06 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BE095829.D

Acq: 23 Mar 2018 18:49

Instrument :

BNA_E

ClientSampleId :

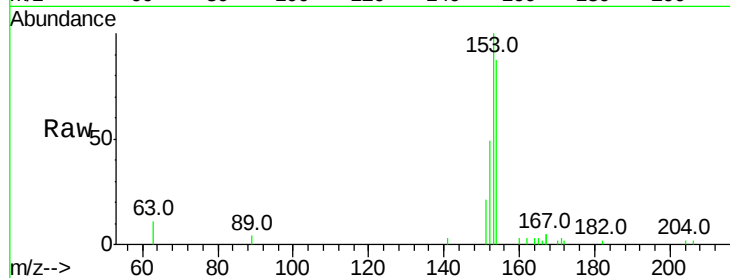
Tot Ion:154 Resp: 2342

Ion Ratio Lower Upper

154 100

153 115.5 89.2 133.8

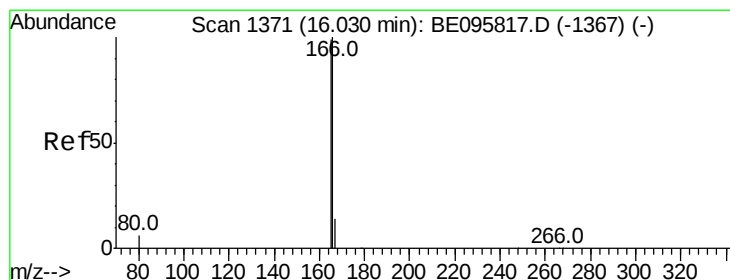
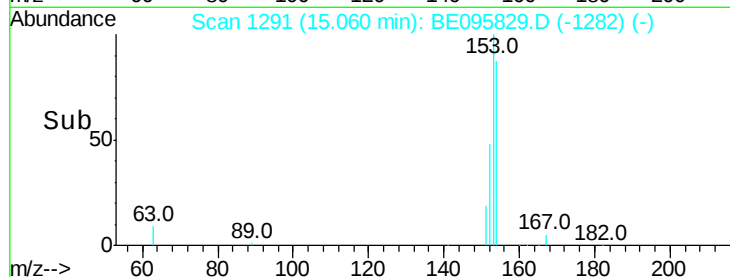
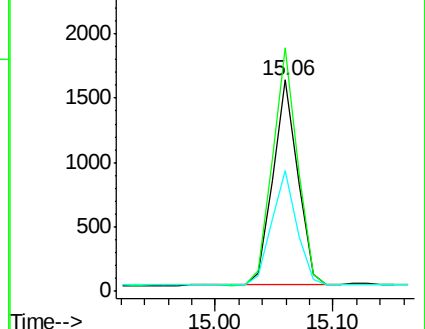
152 56.3 42.0 63.0



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: 0.263 ng

RT: 16.03 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BE095829.D

Acq: 23 Mar 2018 18:49

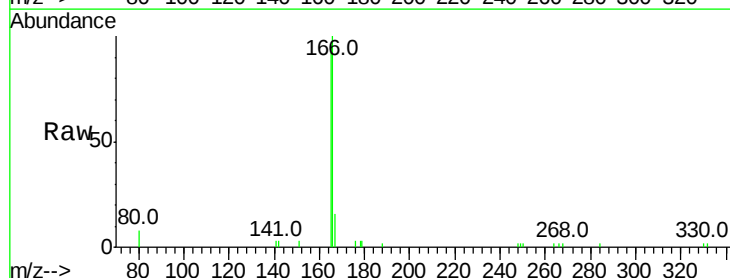
Tgt Ion:166 Resp: 3066

Ion Ratio Lower Upper

166 100

165 99.5 77.8 116.6

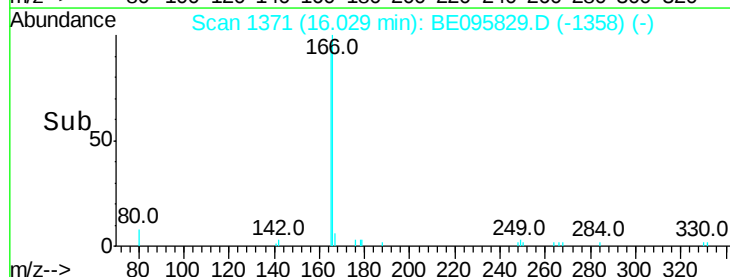
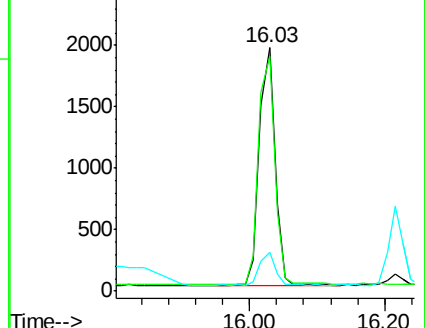
167 14.2 42.4 63.6#

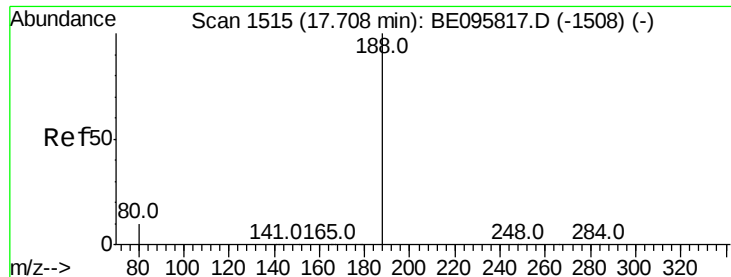


Abundance Ion 166.00 (165.70 to 166.70): E

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. -0.00 min

Lab File: BE095829.D

Acq: 23 Mar 2018 18:49

Instrument :

BNA_E

ClientSampled :

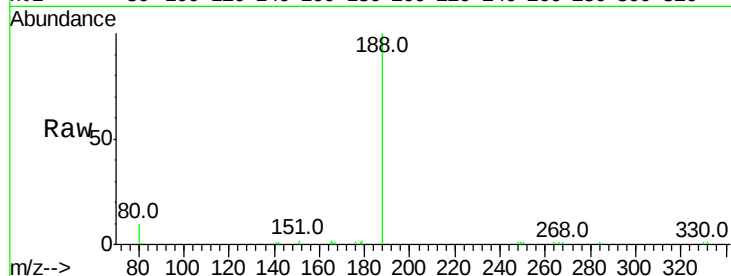
Tot Ion:188 Resp: 5619

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

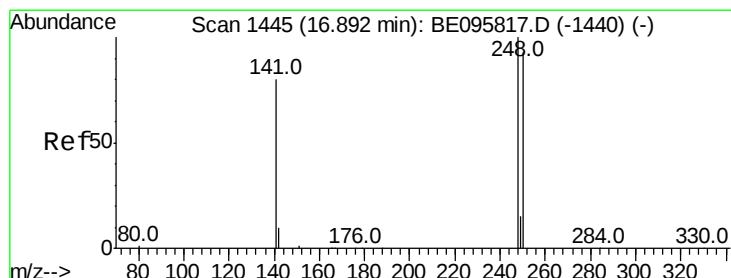
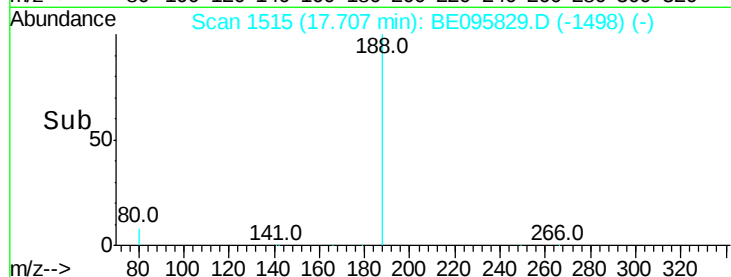
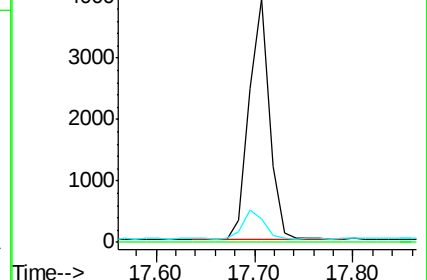
80 9.6 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.293 ng

RT: 16.89 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BE095829.D

Acq: 23 Mar 2018 18:49

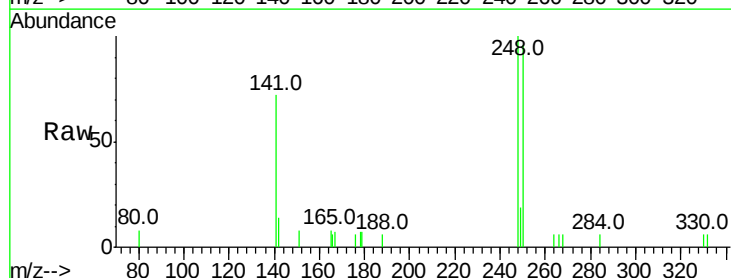
Tgt Ion:248 Resp: 991

Ion Ratio Lower Upper

248 100

250 95.6 62.7 94.1#

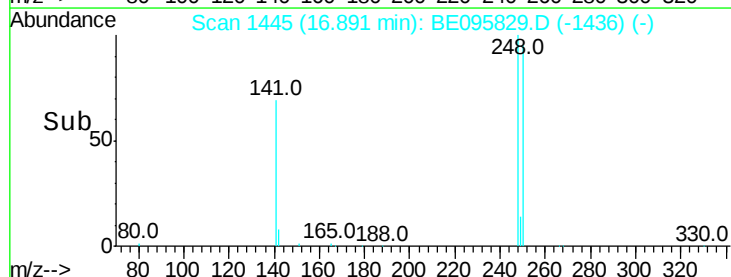
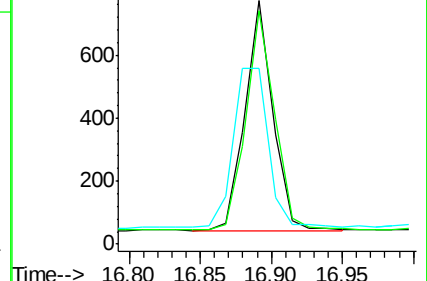
141 72.1 48.2 72.2

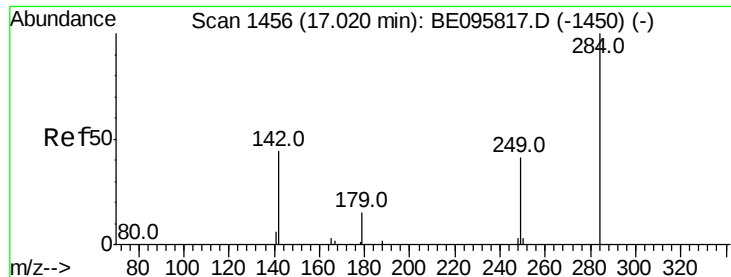


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.307 ng

RT: 17.02 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BE095829.D

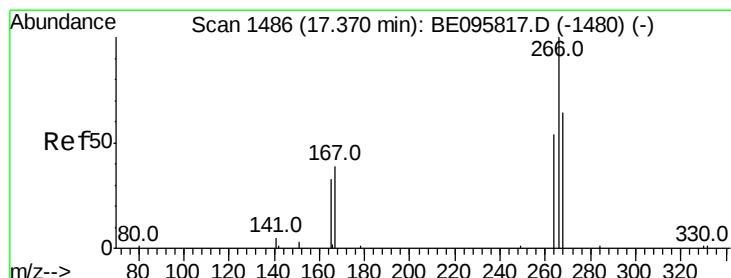
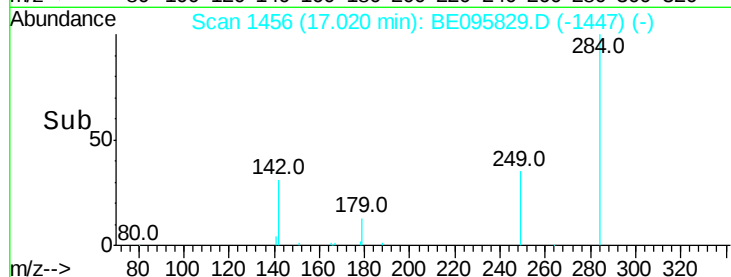
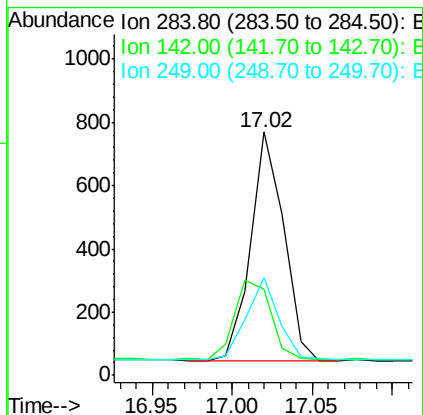
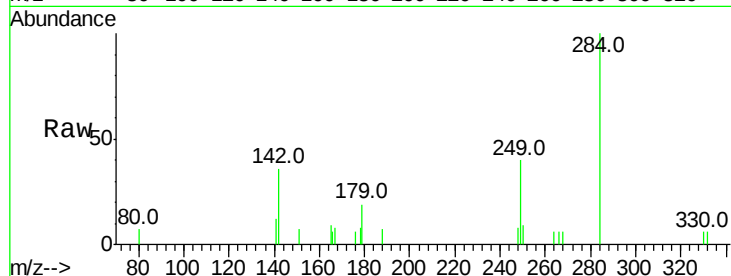
Acq: 23 Mar 2018 18:49

Instrument :

BNA_E

ClientSampled :

Tot Ion:	284	Resp:	1037
Ion	Ratio	Lower	Upper
284	100		
142	39.0	22.1	33.1#
249	35.6	34.8	52.2



#22

Pentachlorophenol

Concen: 0.347 ng

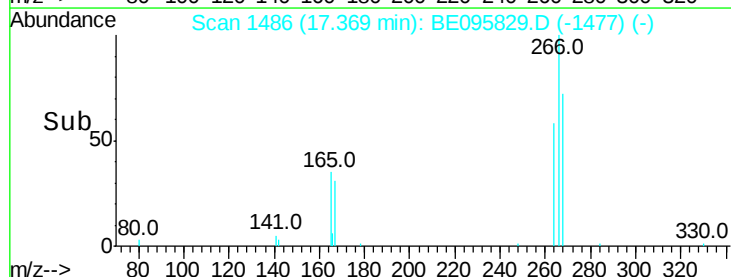
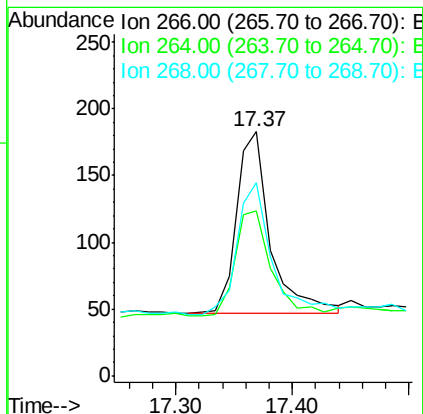
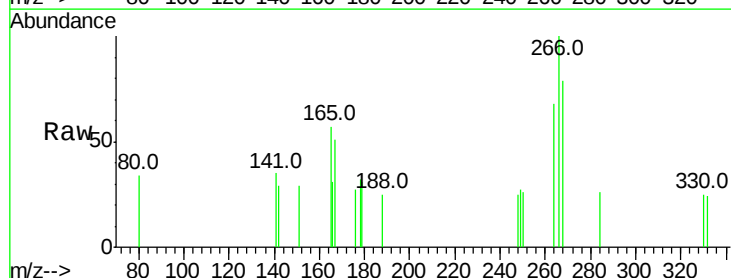
RT: 17.37 min Scan# 1486

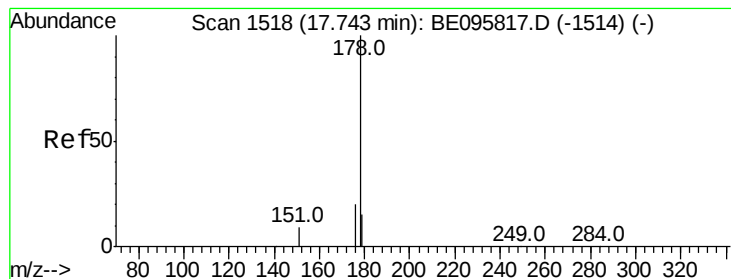
Delta R.T. -0.00 min

Lab File: BE095829.D

Acq: 23 Mar 2018 18:49

Tgt Ion:	266	Resp:	275
Ion	Ratio	Lower	Upper
266	100		
264	67.8	72.5	108.7#
268	79.2	73.8	110.6





#23

Phenanthrene

Concen: 0.294 ng

RT: 17.74 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BE095829.D

Acq: 23 Mar 2018 18:49

Instrument :

BNA_E

ClientSampleId :

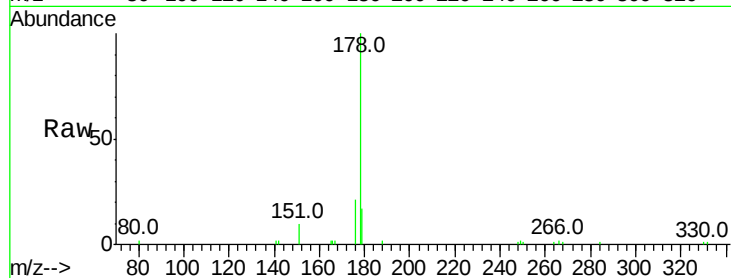
Tot Ion:178 Resp: 4949

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

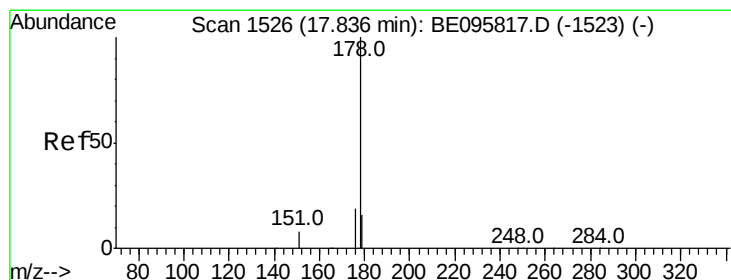
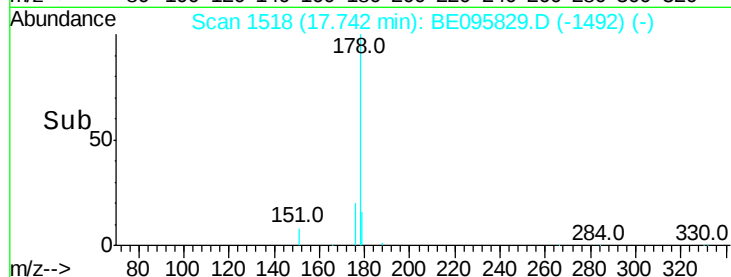
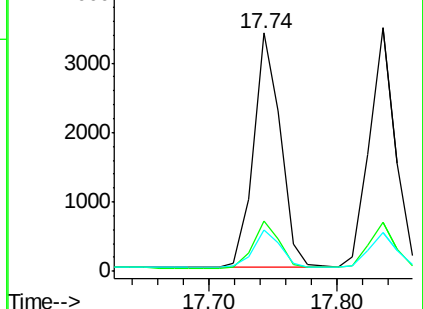
179 15.4 11.8 17.6



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: 0.289 ng

RT: 17.84 min Scan# 1526

Delta R.T. -0.00 min

Lab File: BE095829.D

Acq: 23 Mar 2018 18:49

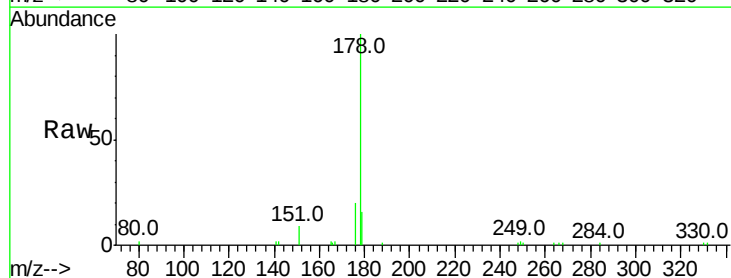
Tgt Ion:178 Resp: 4854

Ion Ratio Lower Upper

178 100

176 19.3 12.8 19.2#

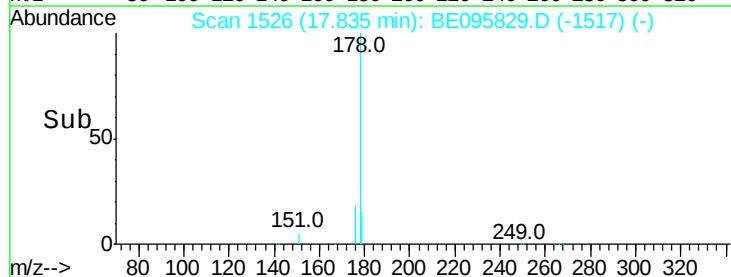
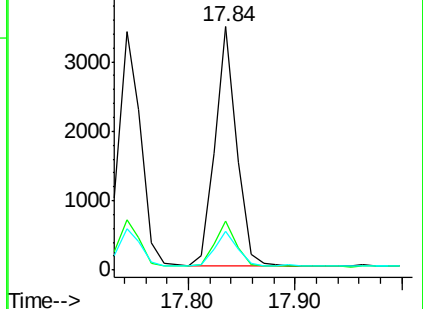
179 14.6 13.0 19.6

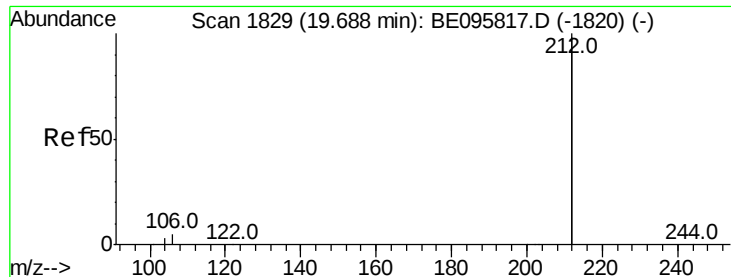


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.260 ng

RT: 19.68 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BE095829.D

Acq: 23 Mar 2018 18:49

Instrument :

BNA_E

ClientSampleId :

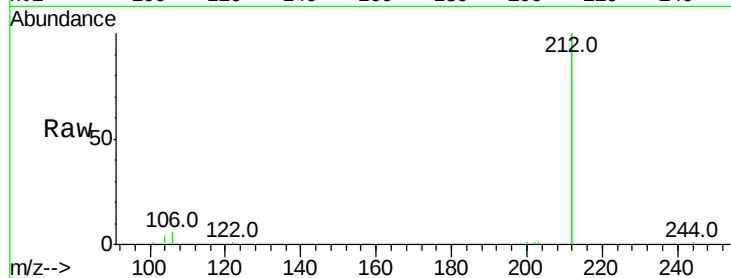
Tot Ion:212 Resp: 21668

Ion Ratio Lower Upper

212 100

106 2.7 2.8 4.2#

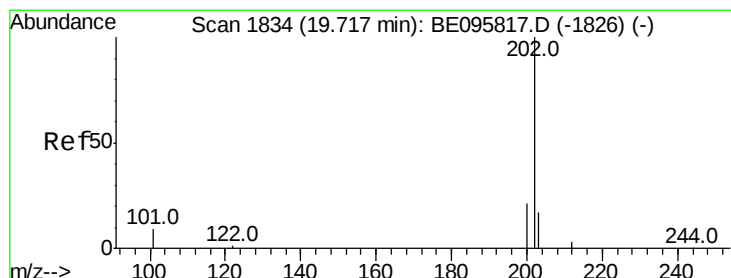
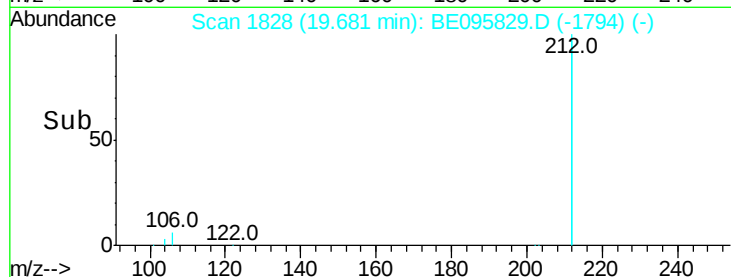
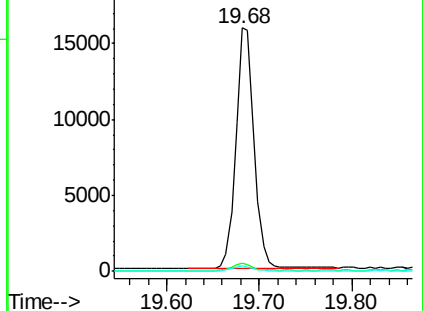
104 1.6 1.6 2.4



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: 0.274 ng

RT: 19.72 min Scan# 1834

Delta R.T. -0.00 min

Lab File: BE095829.D

Acq: 23 Mar 2018 18:49

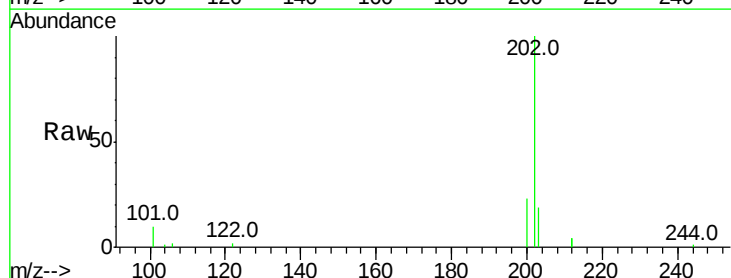
Tgt Ion:202 Resp: 6412

Ion Ratio Lower Upper

202 100

101 9.9 9.8 14.8

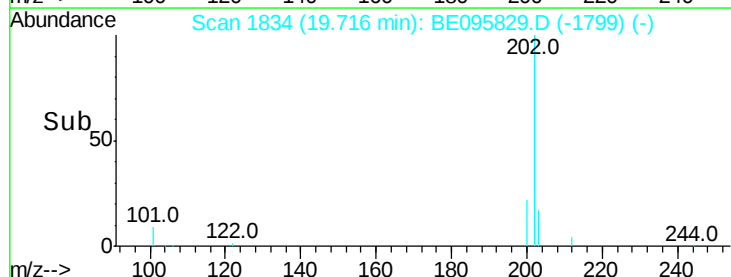
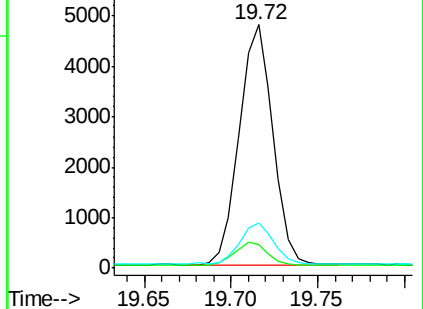
203 17.2 13.7 20.5

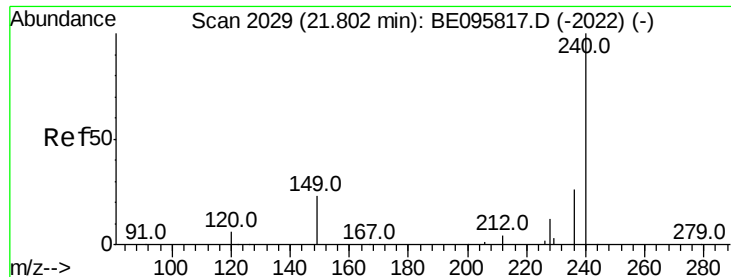


Abundance Ion 202.00 (201.70 to 202.70): E

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. 0.00 min

Lab File: BE095829.D

Acq: 23 Mar 2018 18:49

Instrument :

BNA_E

ClientSampleId :

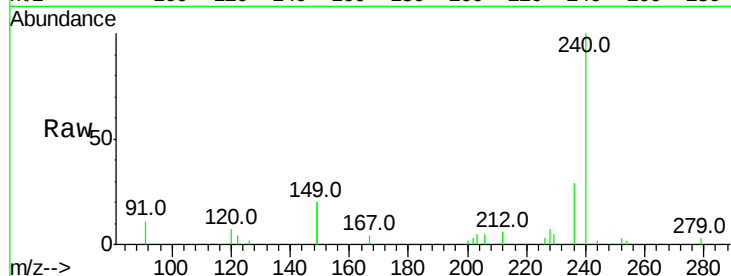
Tot Ion:240 Resp: 6225

Ion Ratio Lower Upper

240 100

120 7.2 5.5 8.3

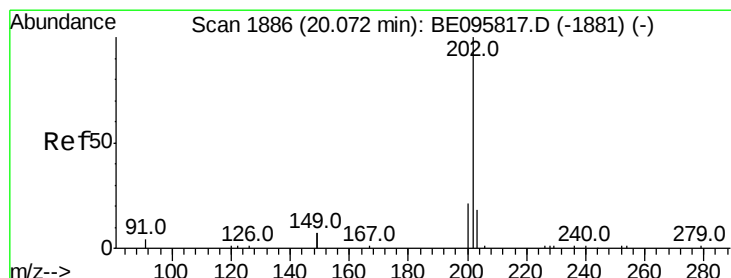
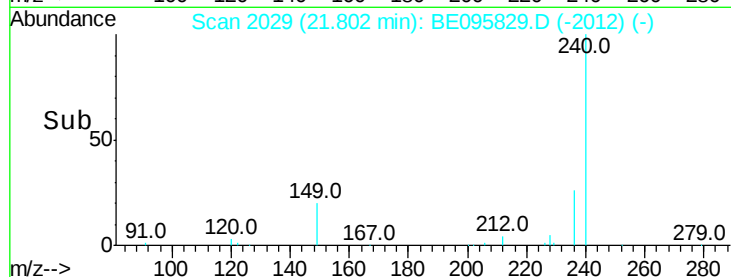
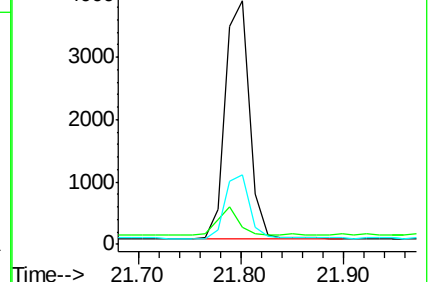
236 28.6 20.7 31.1



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: 0.313 ng

RT: 20.06 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BE095829.D

Acq: 23 Mar 2018 18:49

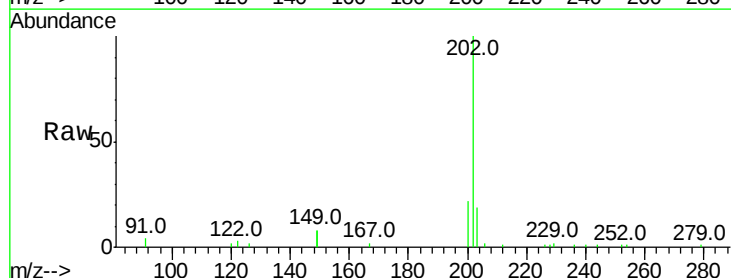
Tgt Ion:202 Resp: 7948

Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

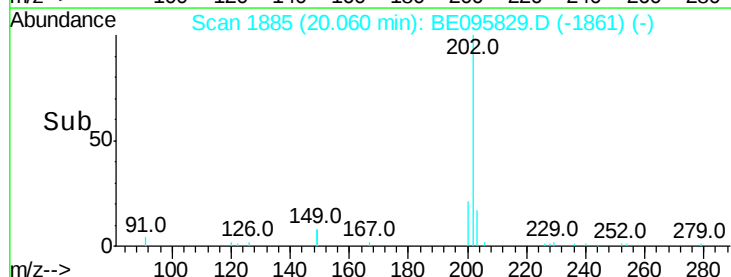
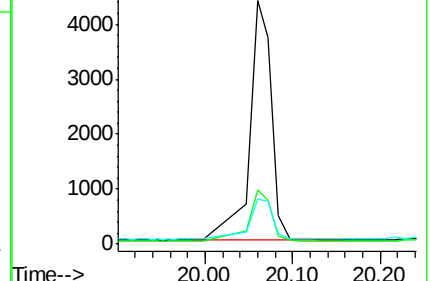
203 15.7 13.8 20.8

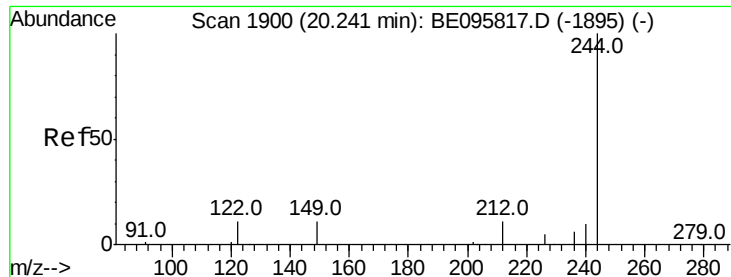


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.388 ng

RT: 20.24 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BE095829.D

Acq: 23 Mar 2018 18:49

Instrument :

BNA_E

ClientSampleId :

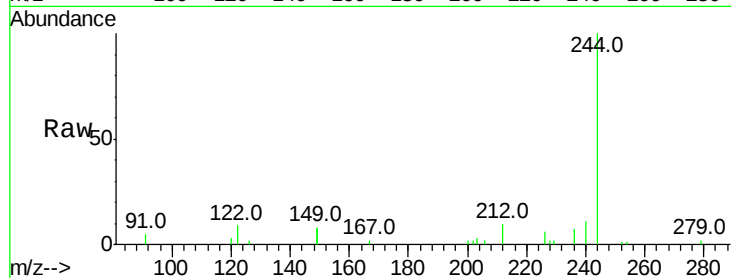
Tot Ion:244 Resp: 5124

Ion Ratio Lower Upper

244 100

212 9.9 25.4 38.0#

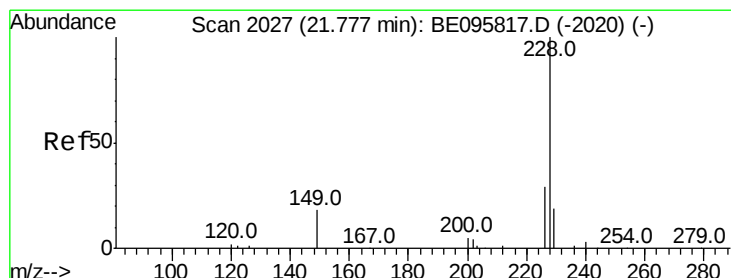
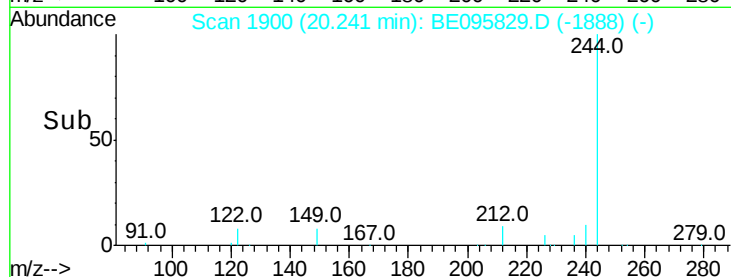
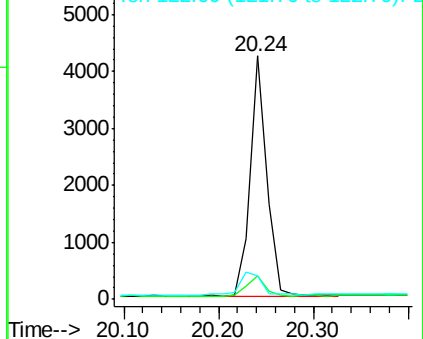
122 9.5 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.296 ng

RT: 21.78 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE095829.D

Acq: 23 Mar 2018 18:49

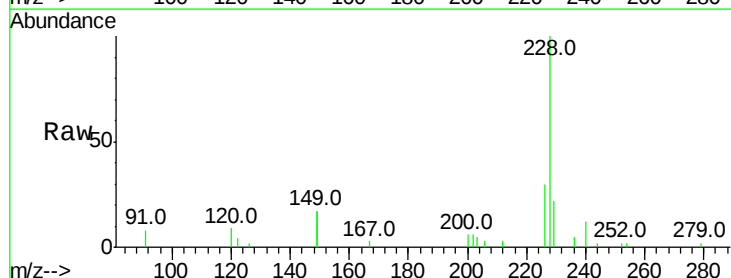
Tgt Ion:228 Resp: 6385

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

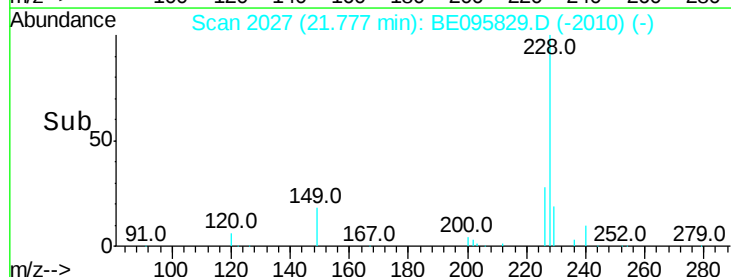
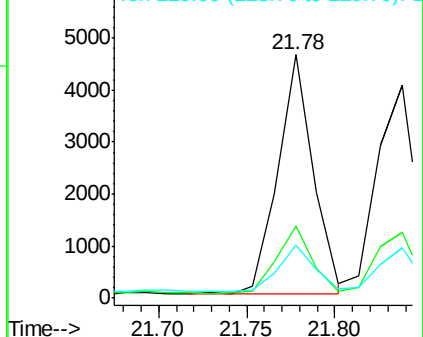
229 21.8 16.0 24.0

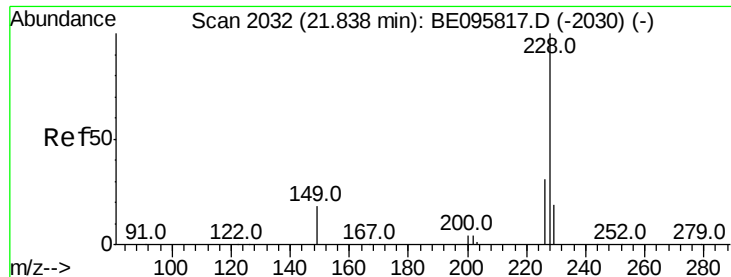


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.306 ng

RT: 21.84 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BE095829.D

Acq: 23 Mar 2018 18:49

Instrument :

BNA_E

ClientSampleId :

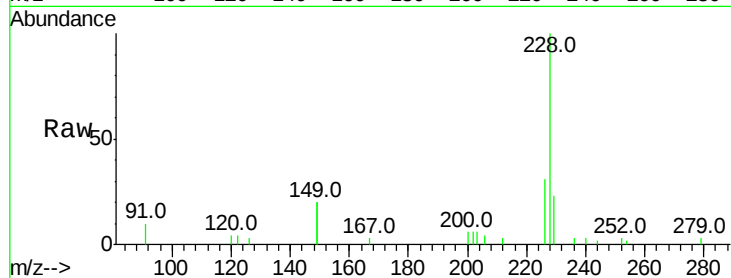
Tot Ion:228 Resp: 6034

Ion Ratio Lower Upper

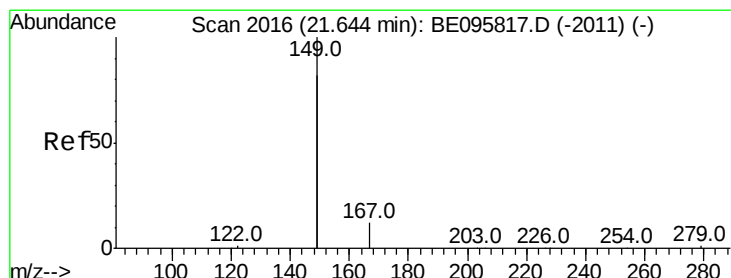
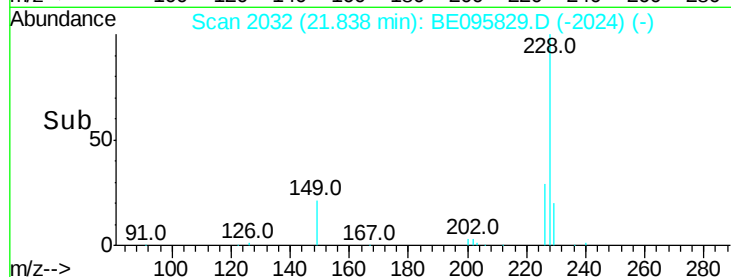
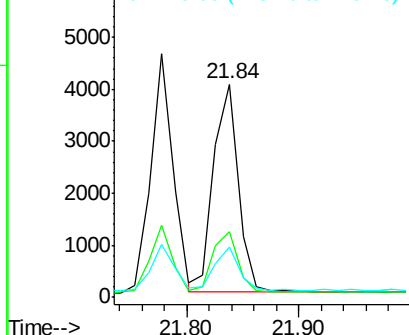
228 100

226 30.9 24.0 36.0

229 23.4 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: 0.246 ng

RT: 21.64 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BE095829.D

Acq: 23 Mar 2018 18:49

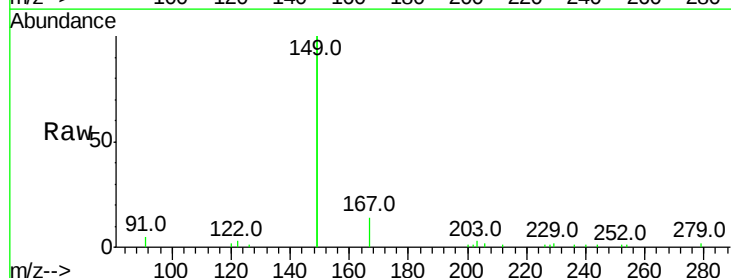
Tgt Ion:149 Resp: 16263

Ion Ratio Lower Upper

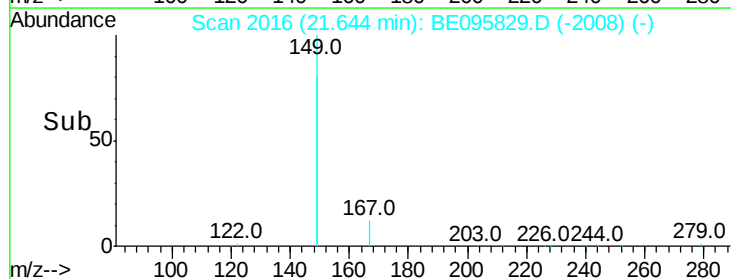
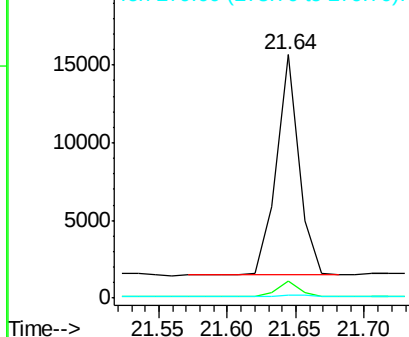
149 100

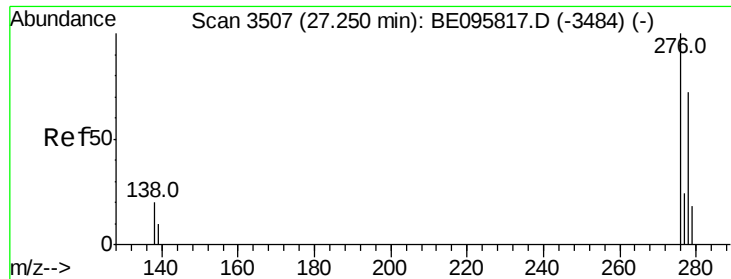
167 6.6 5.4 8.0

279 0.9 0.7 1.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.342 ng

RT: 27.24 min Scan# 3503

Delta R.T. -0.01 min

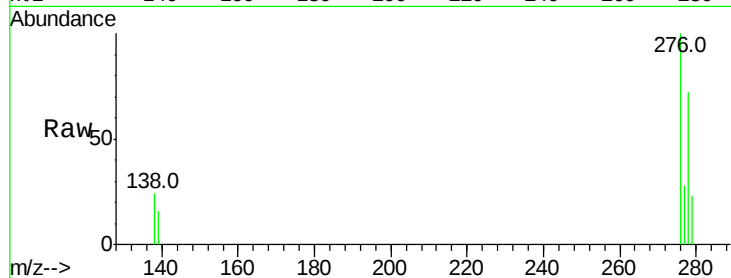
Lab File: BE095829.D

Acq: 23 Mar 2018 18:49

Instrument :

BNA_E

ClientSampleId :



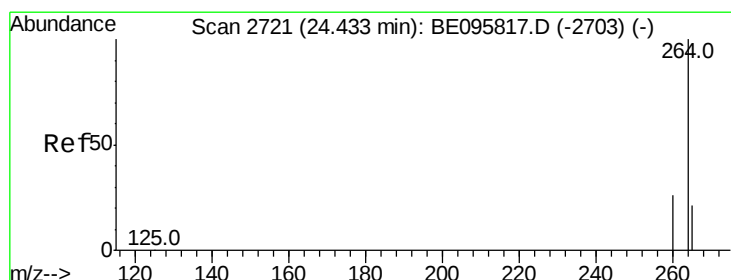
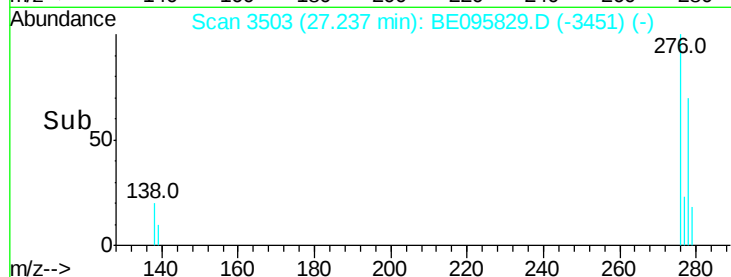
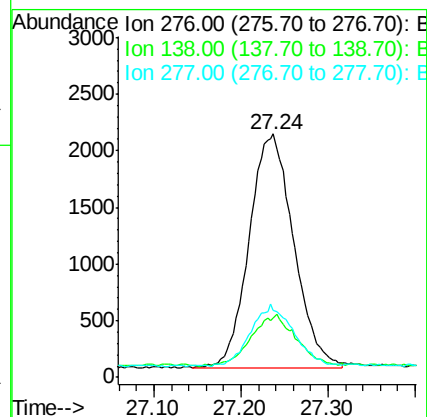
Tot Ion:276 Resp: 7267

Ion Ratio Lower Upper

276 100

138 22.1 22.5 33.7#

277 25.5 19.9 29.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.42 min Scan# 2718

Delta R.T. -0.01 min

Lab File: BE095829.D

Acq: 23 Mar 2018 18:49

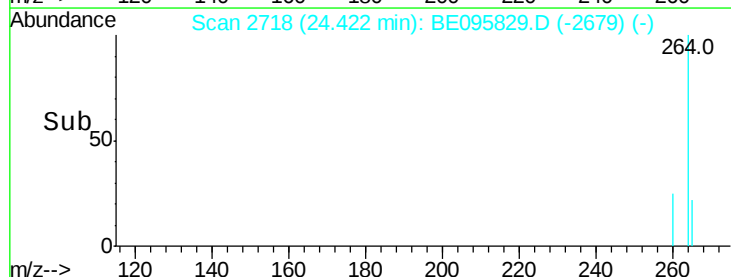
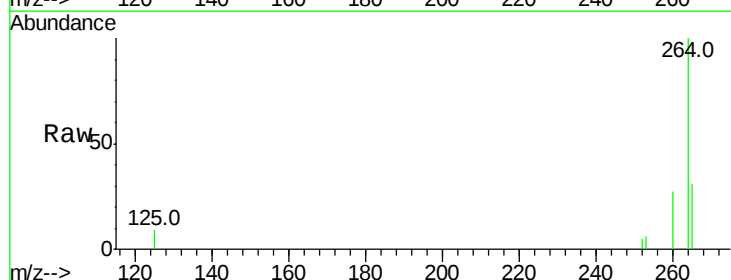
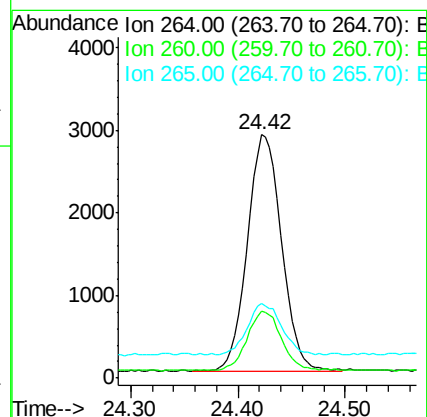
Tgt Ion:264 Resp: 6310

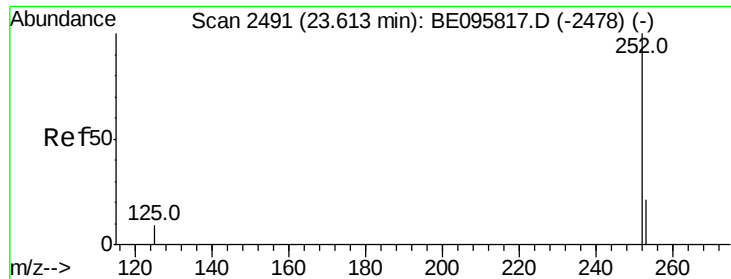
Ion Ratio Lower Upper

264 100

260 27.5 20.5 30.7

265 30.5 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.296 ng

RT: 23.61 min Scan# 2490

Delta R.T. -0.00 min

Lab File: BE095829.D

Acq: 23 Mar 2018 18:49

Instrument :

BNA_E

ClientSampleId :

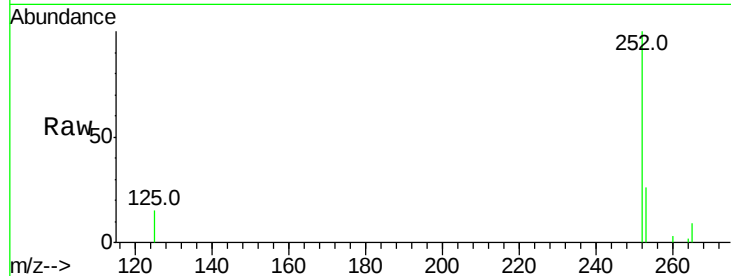
Tot Ion:252 Resp: 6174

Ion Ratio Lower Upper

252 100

253 26.1 20.0 30.0

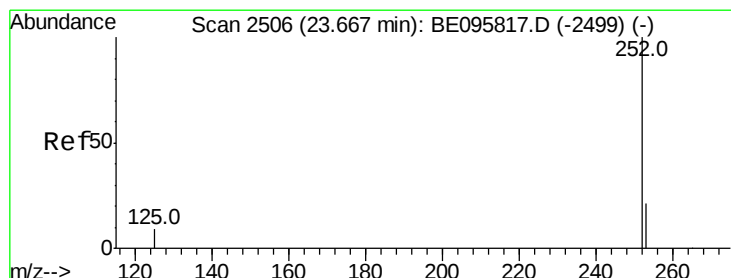
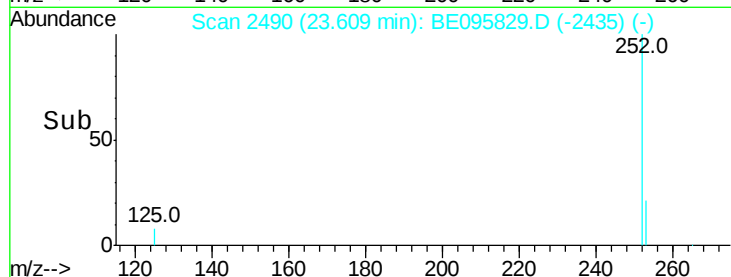
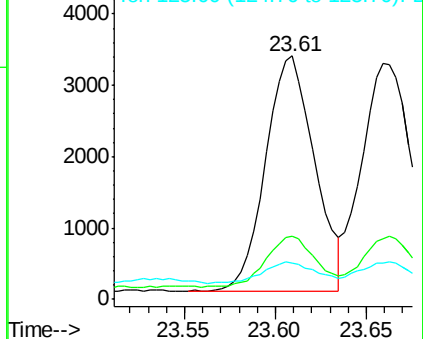
125 15.0 16.0 24.0#



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: 0.293 ng

RT: 23.66 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BE095829.D

Acq: 23 Mar 2018 18:49

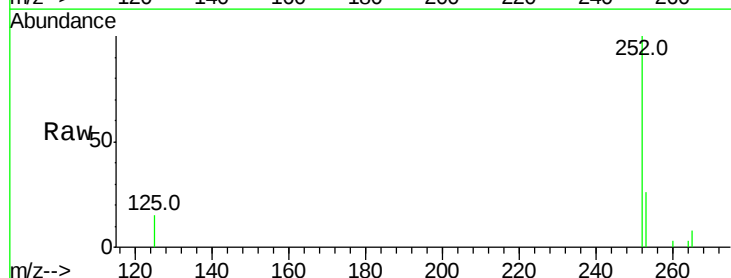
Tgt Ion:252 Resp: 6127

Ion Ratio Lower Upper

252 100

253 25.7 16.0 24.0#

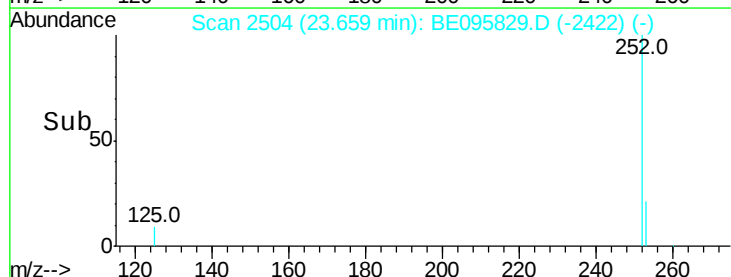
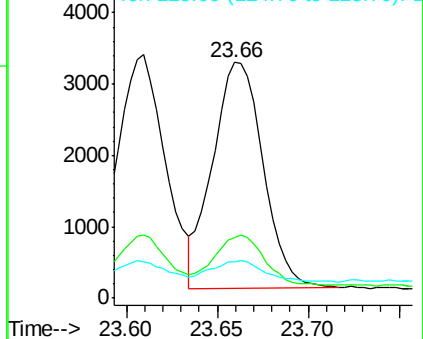
125 15.4 8.0 12.0#

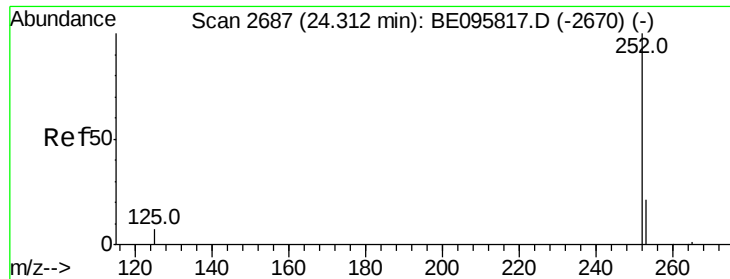


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.311 ng

RT: 24.30 min Scan# 2685

Delta R.T. -0.01 min

Lab File: BE095829.D

Acq: 23 Mar 2018 18:49

Instrument :

BNA_E

ClientSampleId :

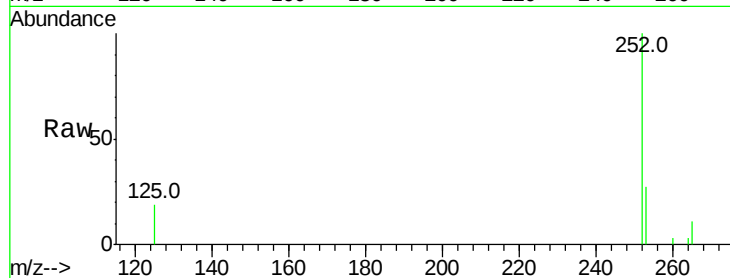
Tot Ion:252 Resp: 6095

Ion Ratio Lower Upper

252 100

253 27.1 16.0 24.0#

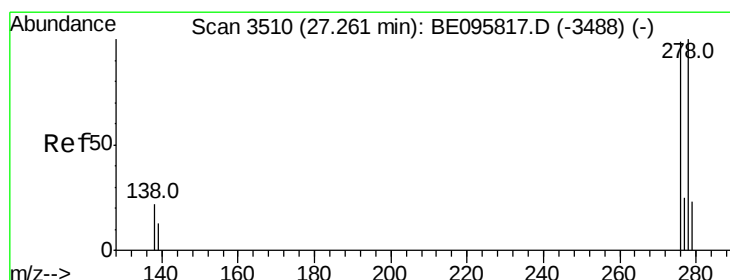
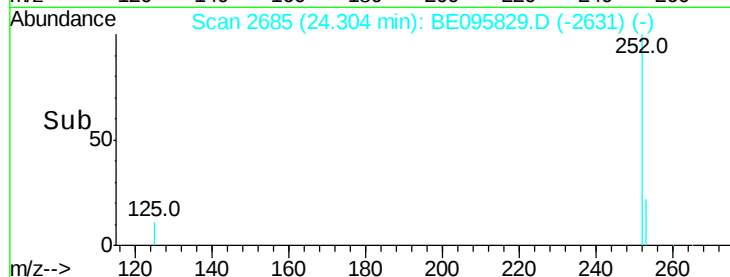
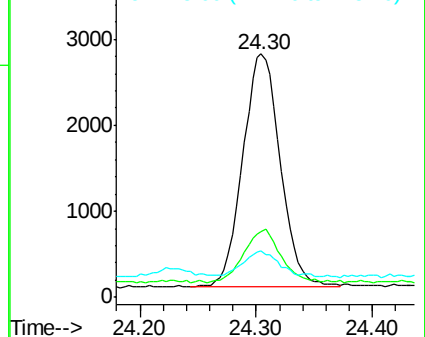
125 19.1 12.0 18.0#



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: 0.322 ng

RT: 27.25 min Scan# 3506

Delta R.T. -0.01 min

Lab File: BE095829.D

Acq: 23 Mar 2018 18:49

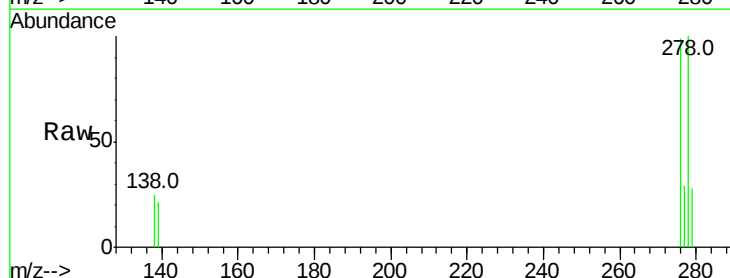
Tgt Ion:278 Resp: 5985

Ion Ratio Lower Upper

278 100

139 21.3 16.0 24.0

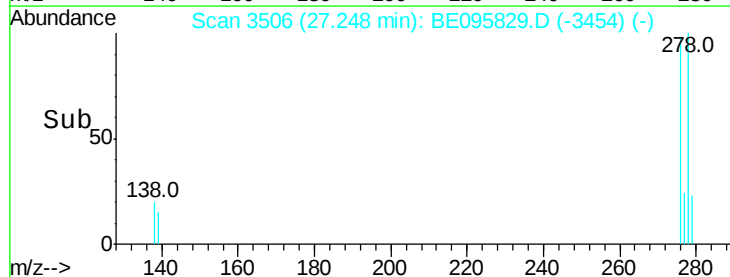
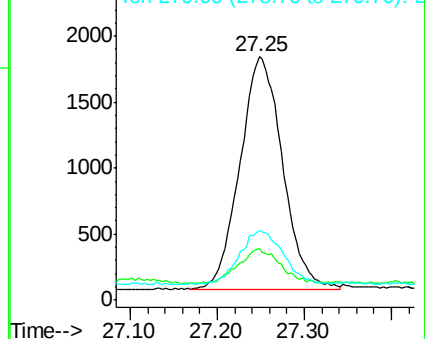
279 28.5 20.0 30.0

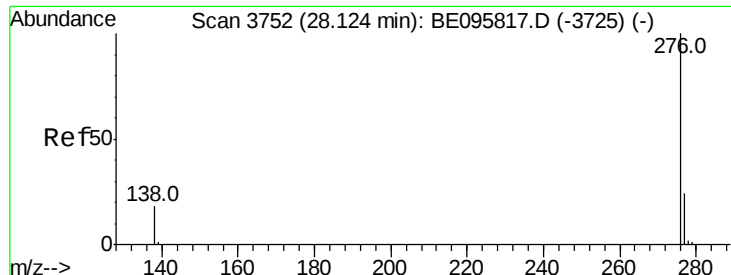


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.325 ng

RT: 28.11 min Scan# 3749

Delta R.T. -0.01 min

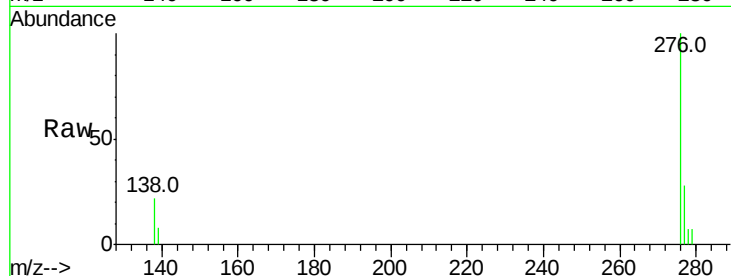
Lab File: BE095829.D

Acq: 23 Mar 2018 18:49

Instrument :

BNA_E

ClientSampleId :



Tot Ion:	276	Resp:	6074
Ion Ratio	Lower	Upper	
276	100		
277	28.2	16.0	24.0#
138	21.9	20.0	30.0

