

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE032318\
 Data File : BE095830.D
 Acq On : 23 Mar 2018 19:25
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 23 23:23:58 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	1141	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	4479	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2783	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	7102	0.40	ng	0.00
27) Chrysene-d12	21.79	240	8511	0.40	ng	-0.01
34) Perylene-d12	24.42	264	8245	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	1331	0.35	ng	0.00
5) Phenol-d6	7.56	99	1901	0.37	ng	0.00
8) Nitrobenzene-d5	9.59	82	1928	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	2740	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	556	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.63	172	4171	0.36	ng	-0.01
25) Fluoranthene-d10	19.68	212	38650	0.37	ng	0.00
29) Terphenyl-d14	20.24	244	6504	0.36	ng	0.00

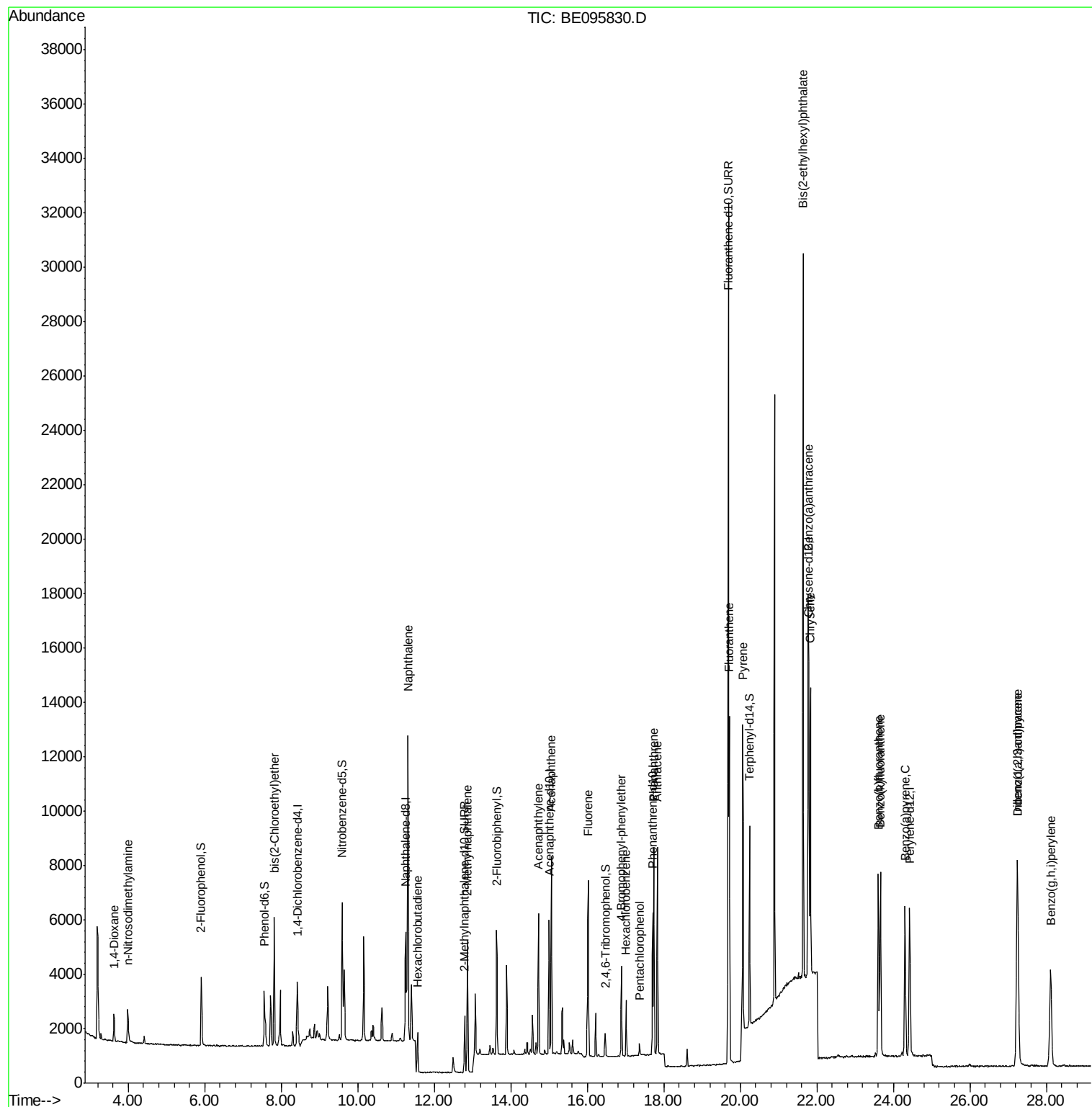
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.64	88	685	0.367	ng	# 91
3) n-Nitrosodimethylamine	3.99	42	927	0.338	ng	# 81
6) bis(2-Chloroethyl)ether	7.81	93	1653	0.370	ng	89
9) Naphthalene	11.31	128	18593	0.363	ng	100
10) Hexachlorobutadiene	11.56	225	1163	0.331	ng	97
12) 2-Methylnaphthalene	12.87	142	3259	0.373	ng	95
16) Acenaphthylene	14.72	152	5560	0.349	ng	100
17) Acenaphthene	15.06	154	3400	0.350	ng	95
18) Fluorene	16.03	166	4473	0.350	ng	# 77
20) 4-Bromophenyl-phenylether	16.89	248	1527	0.358	ng	# 80
21) Hexachlorobenzene	17.02	284	1515	0.355	ng	# 83
22) Pentachlorophenol	17.37	266	304	0.320	ng	85
23) Phenanthrene	17.74	178	7747	0.364	ng	99
24) Anthracene	17.84	178	7709	0.363	ng	95
26) Fluoranthene	19.71	202	10870	0.368	ng	# 97
28) Pyrene	20.06	202	13179	0.380	ng	95
30) Benzo(a)anthracene	21.78	228	10659	0.361	ng	98
31) Chrysene	21.84	228	10075	0.374	ng	98
32) Bis(2-ethylhexyl)phthalate	21.64	149	29153	0.323	ng	99
33) Indeno(1,2,3-cd)pyrene	27.24	276	10658	0.367	ng	# 93
35) Benzo(b)fluoranthene	23.61	252	9835	0.361	ng	# 93
36) Benzo(k)fluoranthene	23.66	252	9945	0.365	ng	# 92
37) Benzo(a)pyrene	24.31	252	9331	0.365	ng	# 94
38) Dibenzo(a,h)anthracene	27.25	278	8736	0.360	ng	96
39) Benzo(g,h,i)perylene	28.11	276	8731	0.358	ng	# 90

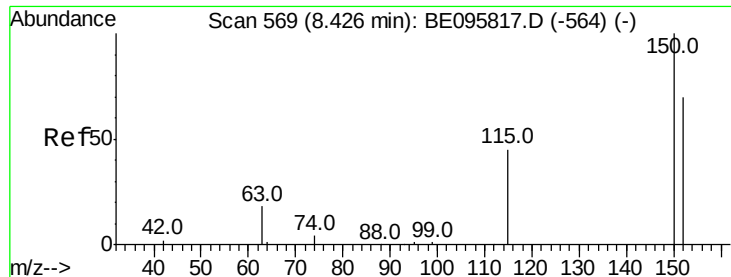
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE032318\
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Quant Time: Mar 23 23:23:58 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
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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: BE095830.D

Acq: 23 Mar 2018 19:25

Instrument :

BNA_E

ClientSampled :

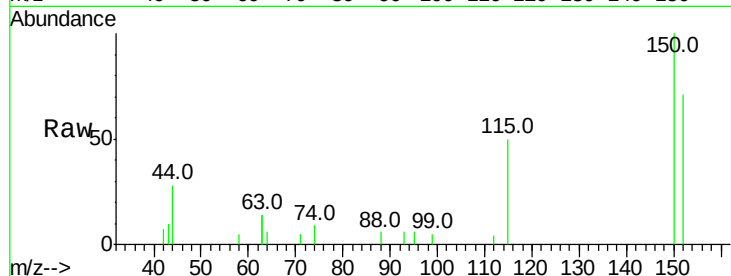
Tot Ion:152 Resp: 1141

Ion Ratio Lower Upper

152 100

150 141.3 117.2 175.8

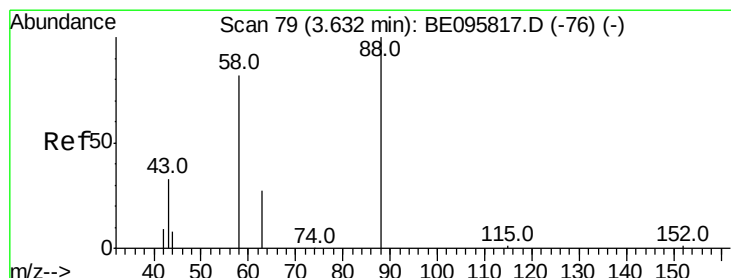
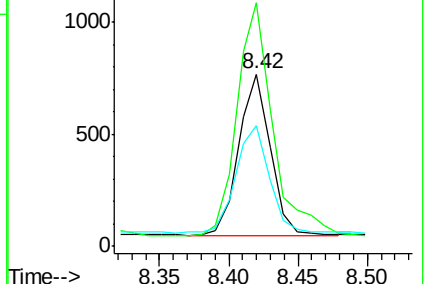
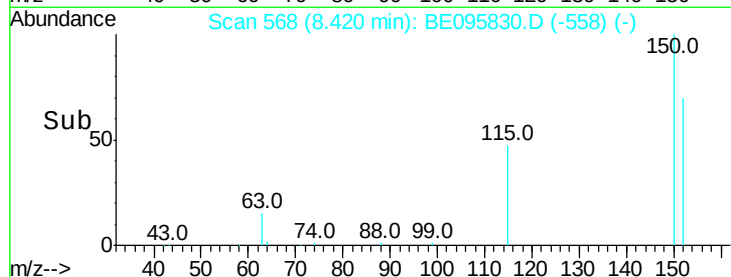
115 70.2 57.0 85.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.367 ng

RT: 3.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: BE095830.D

Acq: 23 Mar 2018 19:25

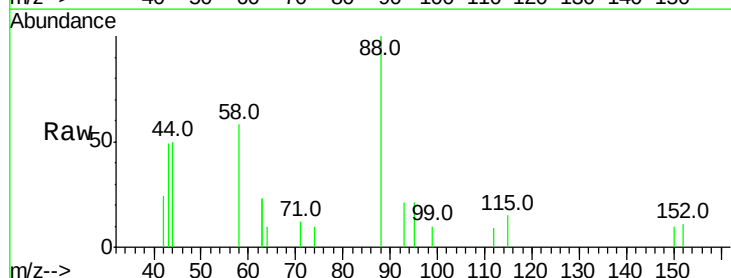
Tgt Ion: 88 Resp: 685

Ion Ratio Lower Upper

88 100

58 80.1 63.2 94.8

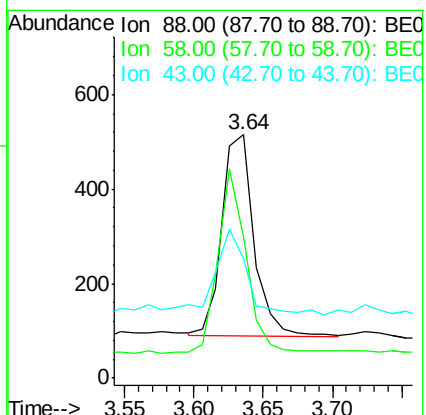
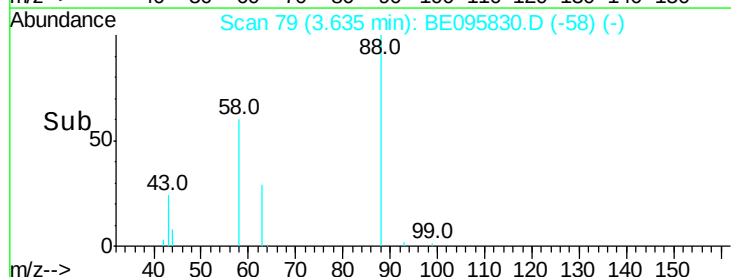
43 37.5 41.2 61.8#

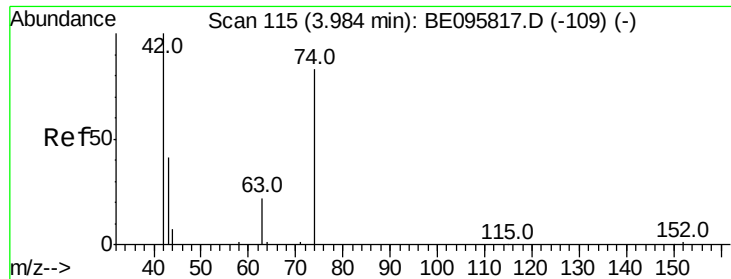


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



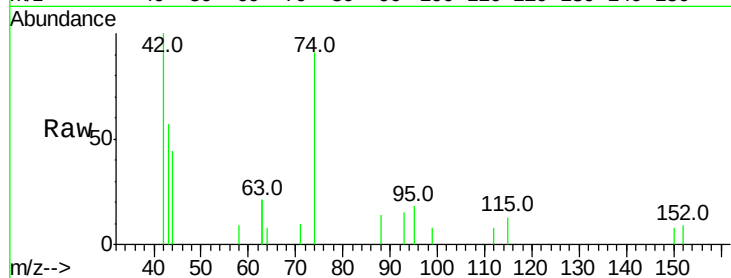


#3

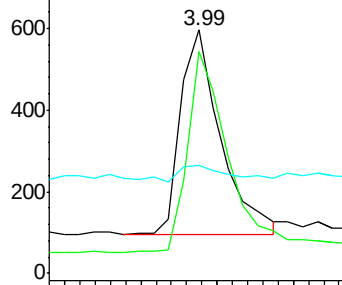
n-Nitrosodimethylamine
 Concen: 0.338 ng
 RT: 3.99 min Scan# 115
 Delta R.T. 0.00 min
 Lab File: BE095830.D
 Acq: 23 Mar 2018 19:25

Instrument :
 BNA_E
 ClientSampleId :

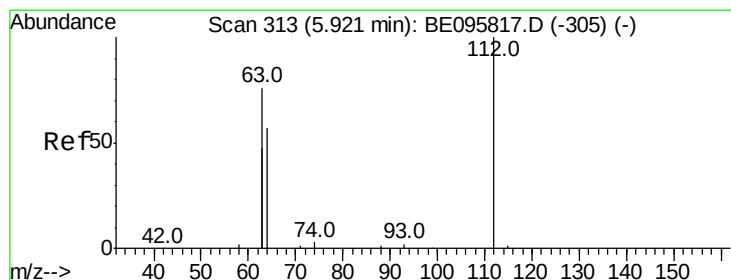
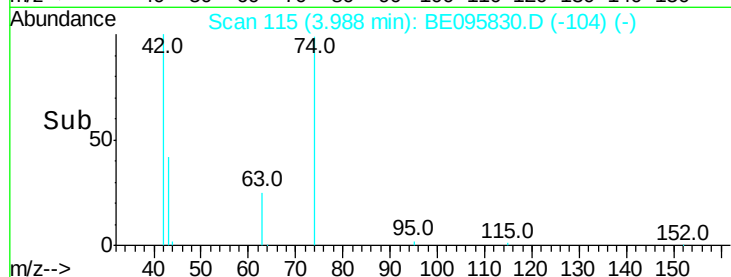
Tot Ion	Ratio	Lower	Upper
42	100		
74	99.0	96.0	144.0
44	6.8	12.0	18.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



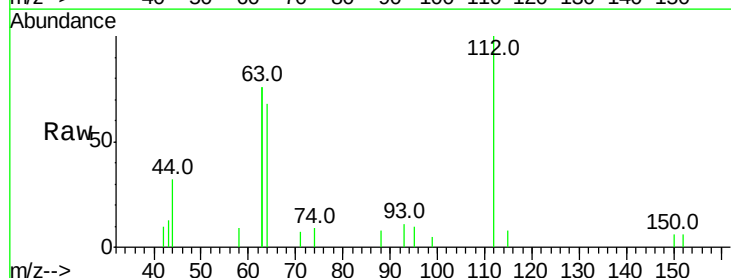
Time--> 3.90 3.95 4.00 4.05



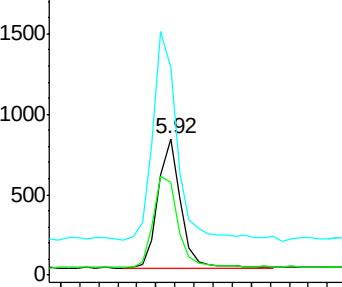
#4

2-Fluorophenol
 Concen: 0.354 ng
 RT: 5.92 min Scan# 312
 Delta R.T. -0.01 min
 Lab File: BE095830.D
 Acq: 23 Mar 2018 19:25

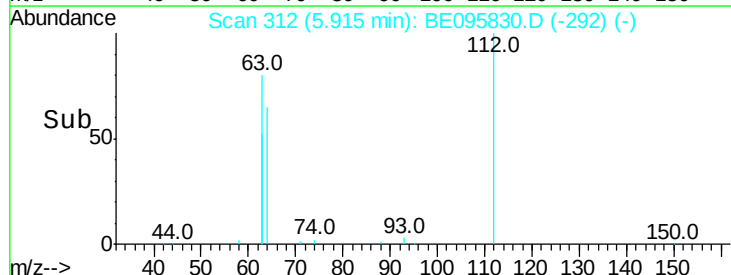
Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.6	60.1	90.1
63	176.8	116.8	175.2#

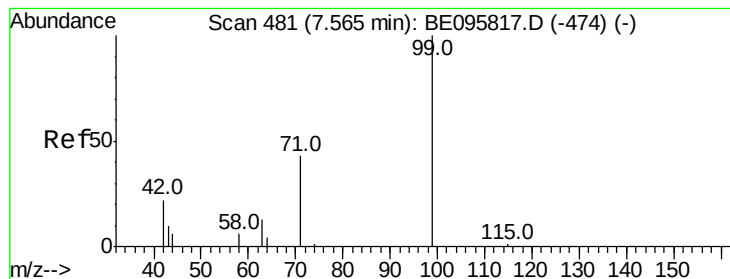


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0



Time--> 5.80 5.90 6.00





#5

Phenol-d6

Concen: 0.368 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095830.D

Acq: 23 Mar 2018 19:25

Instrument :

BNA_E

ClientSampled :

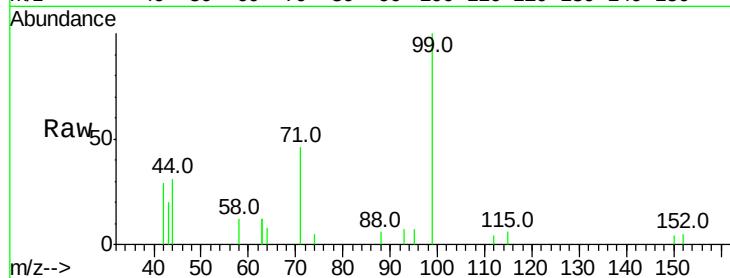
Tot Ion: 99 Resp: 1901

Ion Ratio Lower Upper

99 100

42 26.1 20.2 30.2

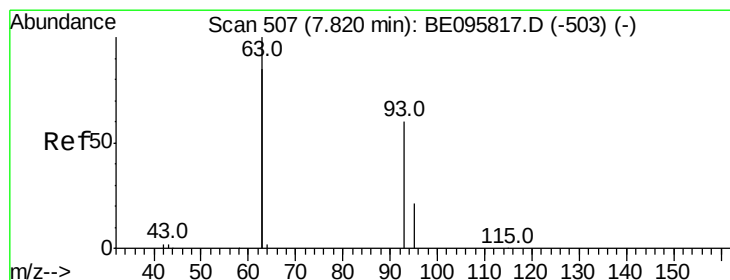
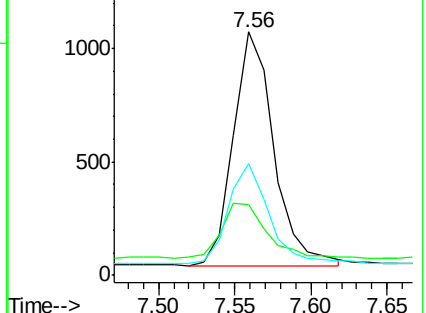
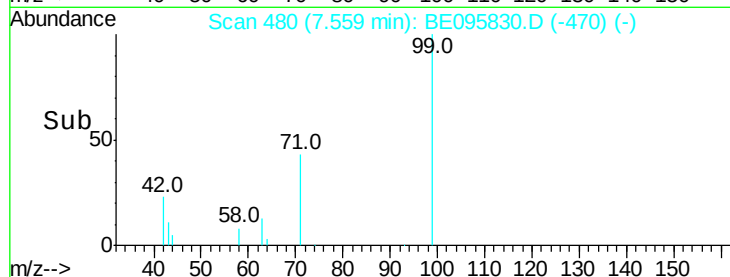
71 42.6 28.4 42.6



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: 0.370 ng

RT: 7.81 min Scan# 506

Delta R.T. -0.01 min

Lab File: BE095830.D

Acq: 23 Mar 2018 19:25

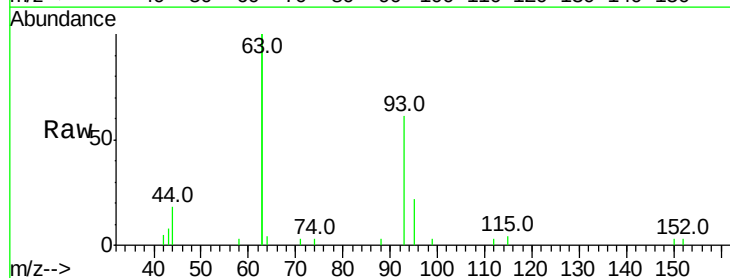
Tgt Ion: 93 Resp: 1653

Ion Ratio Lower Upper

93 100

63 319.7 275.3 412.9

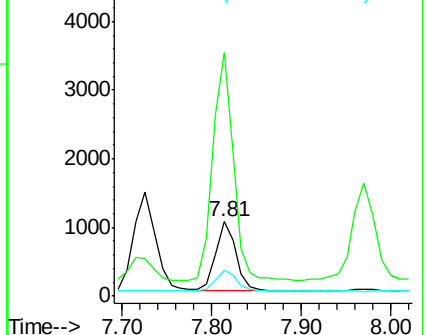
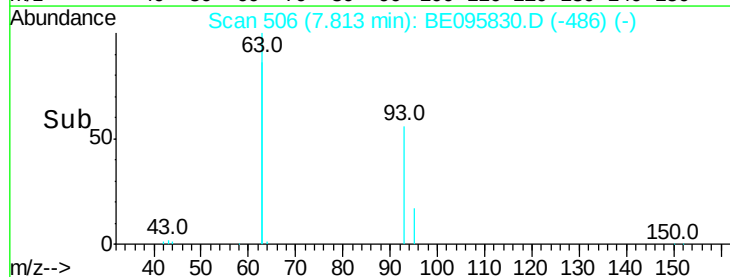
95 30.9 25.2 37.8

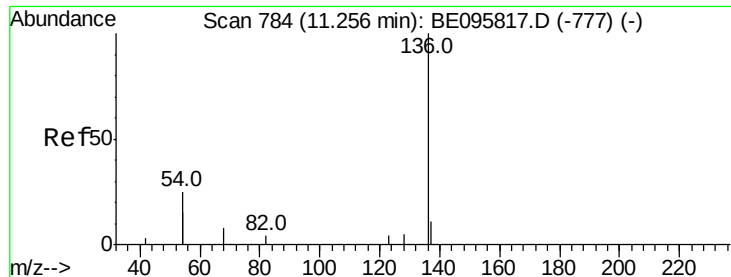


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE095830.D

Acq: 23 Mar 2018 19:25

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4479

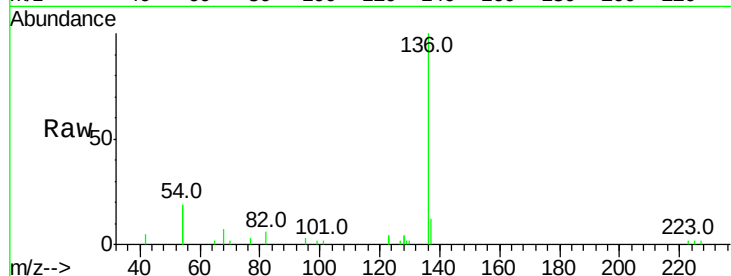
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 37.2 29.1 43.7

68 7.5 6.2 9.2

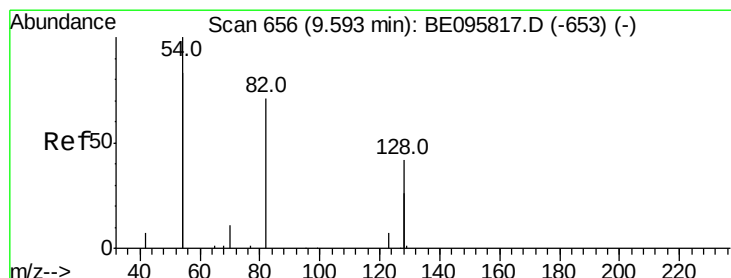
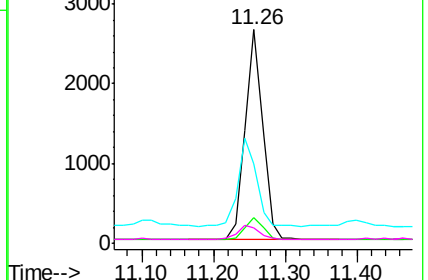
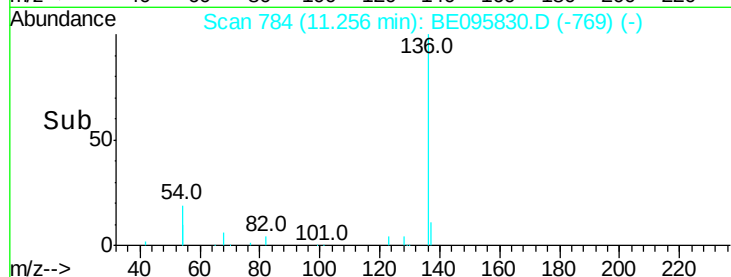


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.364 ng

RT: 9.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE095830.D

Acq: 23 Mar 2018 19:25

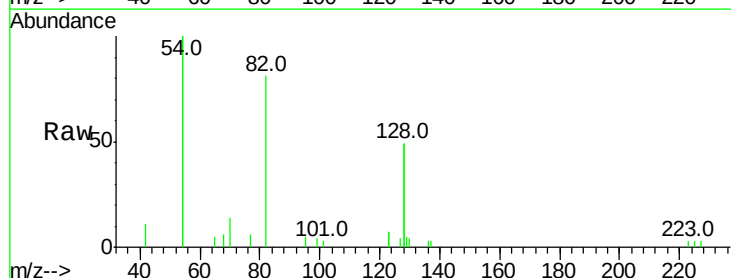
Tgt Ion: 82 Resp: 1928

Ion Ratio Lower Upper

82 100

128 120.7 150.0 225.0#

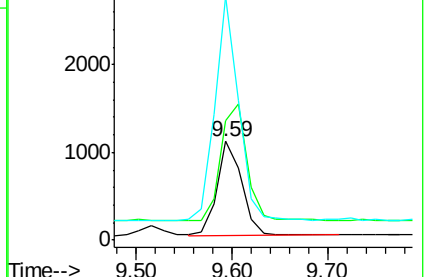
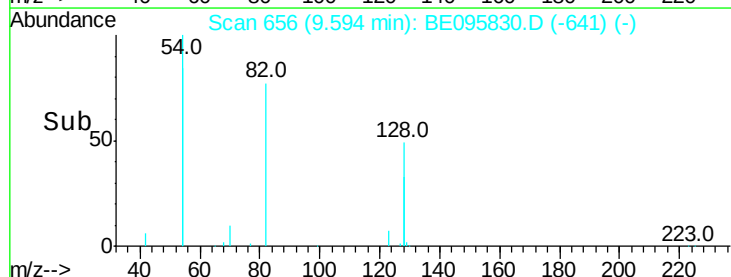
54 246.8 154.2 231.4#

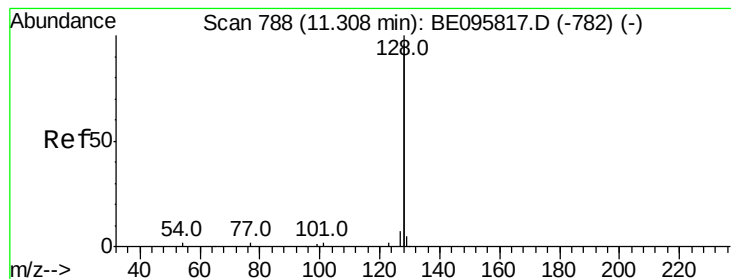


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.363 ng

RT: 11.31 min Scan# 788

Delta R.T. 0.00 min

Lab File: BE095830.D

Acq: 23 Mar 2018 19:25

Instrument :

BNA_E

ClientSampled :

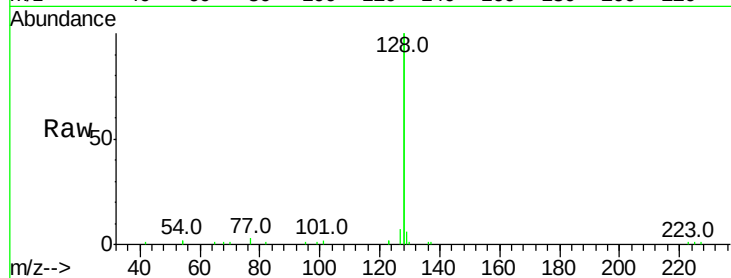
Tot Ion:128 Resp: 18593

Ion Ratio Lower Upper

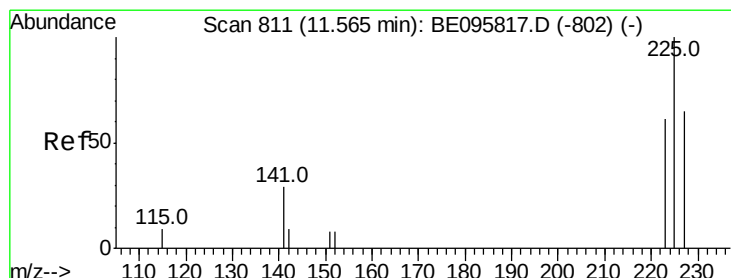
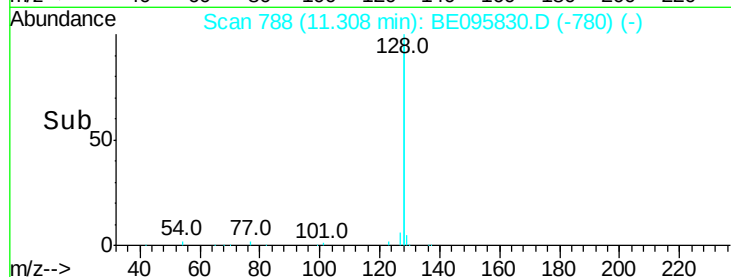
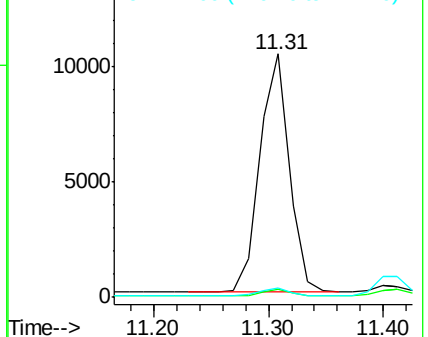
128 100

129 3.2 2.6 3.8

127 3.6 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: 0.331 ng

RT: 11.56 min Scan# 810

Delta R.T. -0.01 min

Lab File: BE095830.D

Acq: 23 Mar 2018 19:25

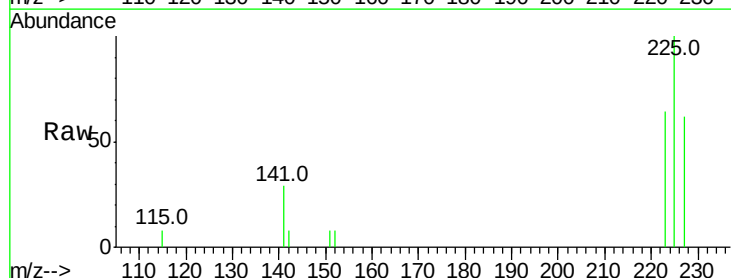
Tgt Ion:225 Resp: 1163

Ion Ratio Lower Upper

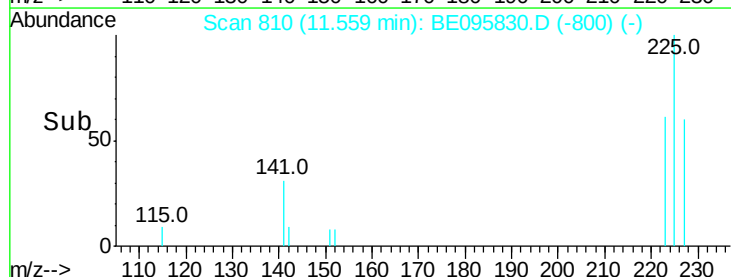
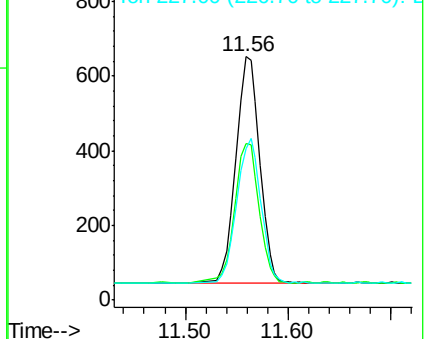
225 100

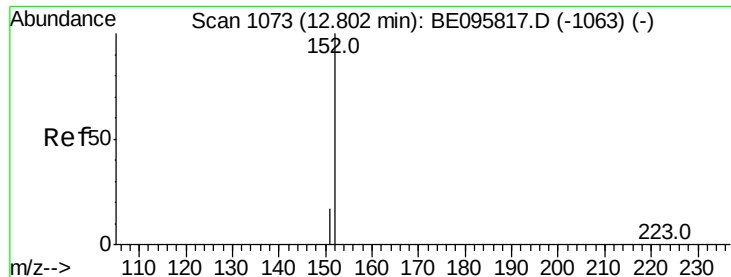
223 67.0 53.0 79.6

227 68.4 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: 0.367 ng

RT: 12.80 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BE095830.D

Acq: 23 Mar 2018 19:25

Instrument :

BNA_E

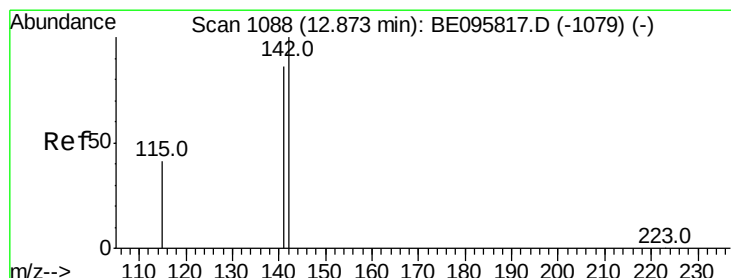
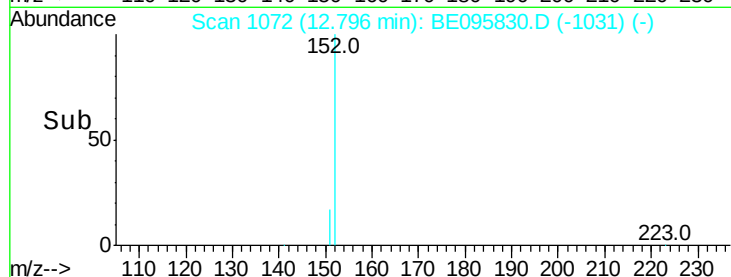
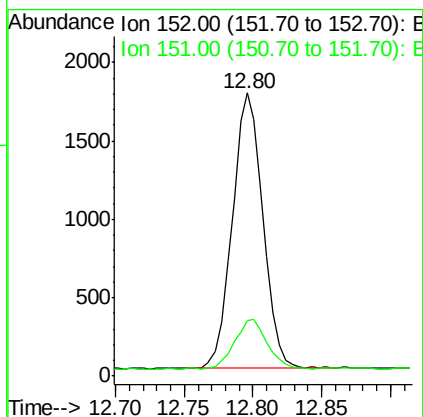
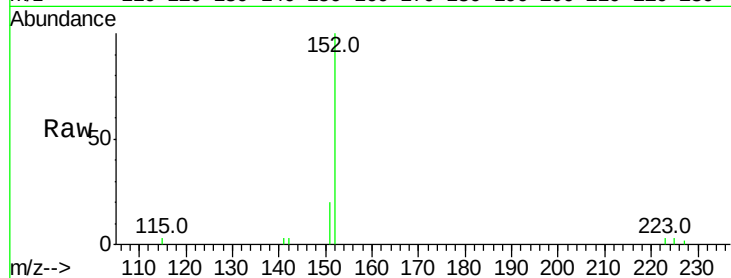
ClientSampleId :

Tot Ion:152 Resp: 2740

Ion Ratio Lower Upper

152 100

151 19.0 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.373 ng

RT: 12.87 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BE095830.D

Acq: 23 Mar 2018 19:25

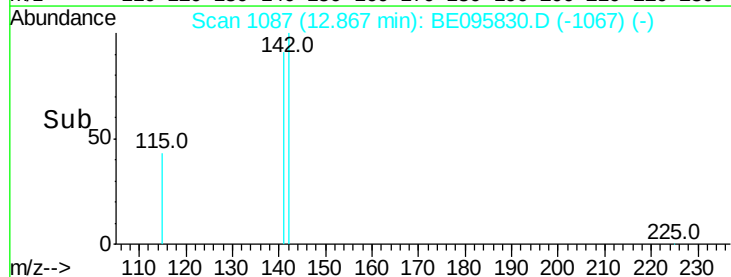
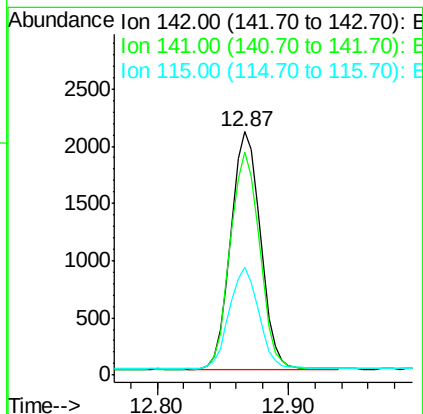
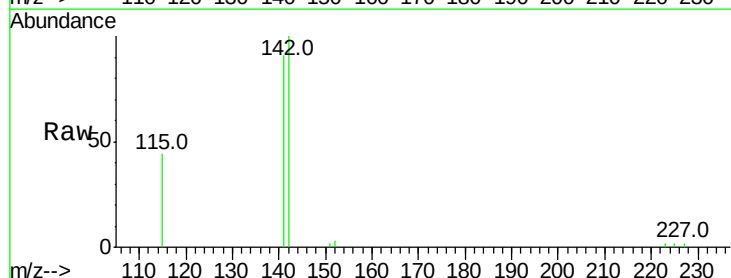
Tgt Ion:142 Resp: 3259

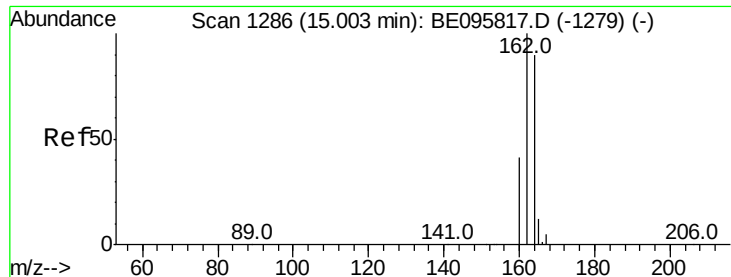
Ion Ratio Lower Upper

142 100

141 91.4 70.4 105.6

115 44.3 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.00 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BE095830.D

Acq: 23 Mar 2018 19:25

Instrument :

BNA_E

ClientSampleId :

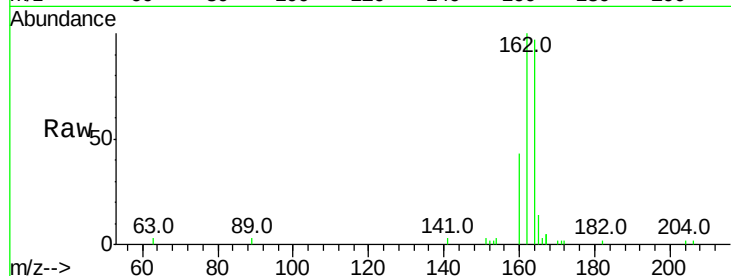
Tot Ion:164 Resp: 2783

Ion Ratio Lower Upper

164 100

162 103.5 83.1 124.7

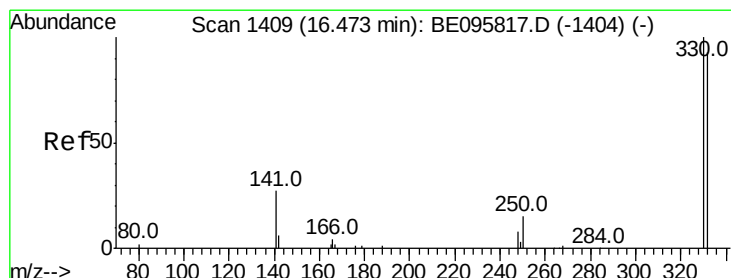
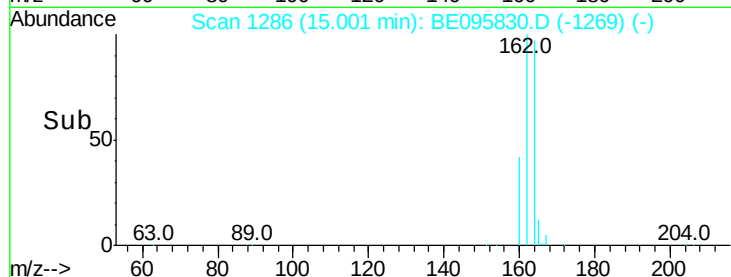
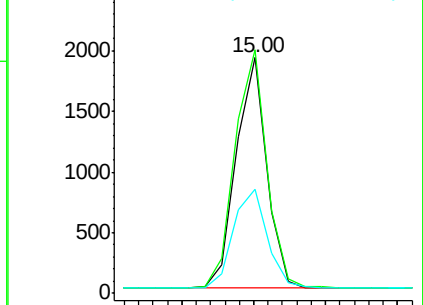
160 44.3 37.1 55.7



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: 0.346 ng

RT: 16.47 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BE095830.D

Acq: 23 Mar 2018 19:25

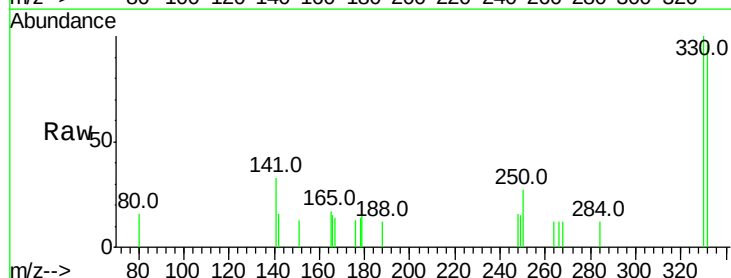
Tgt Ion:330 Resp: 556

Ion Ratio Lower Upper

330 100

332 93.0 152.7 229.1#

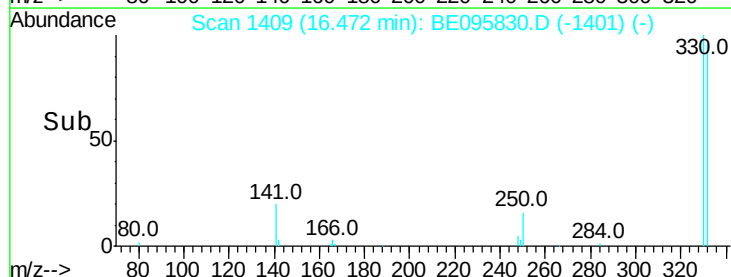
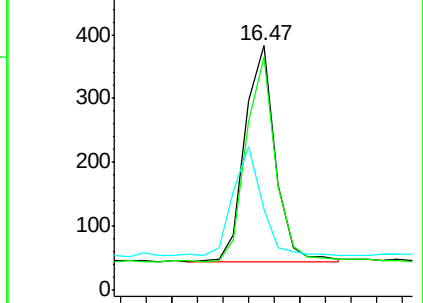
141 48.0 33.7 50.5

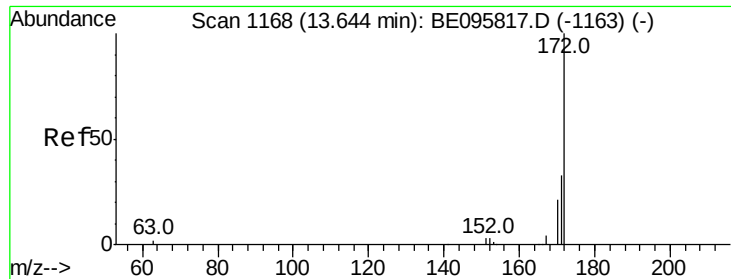


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

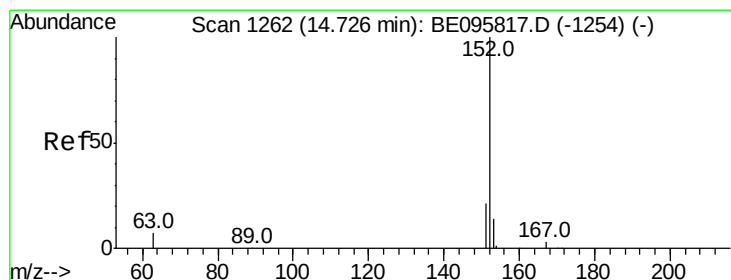
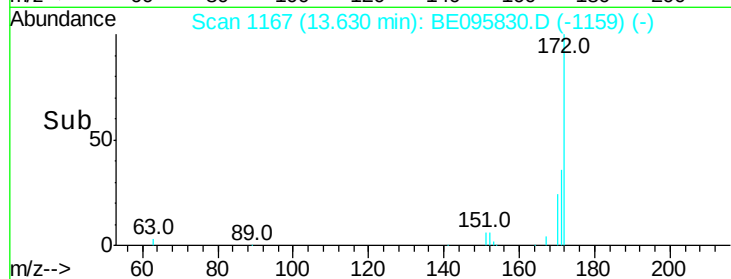
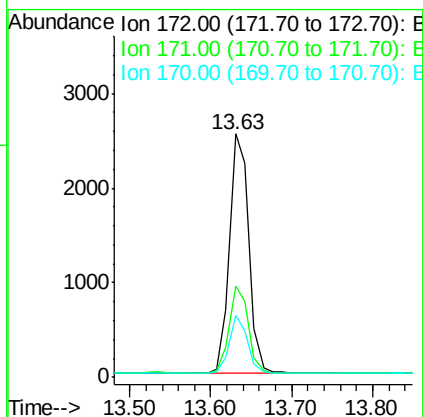
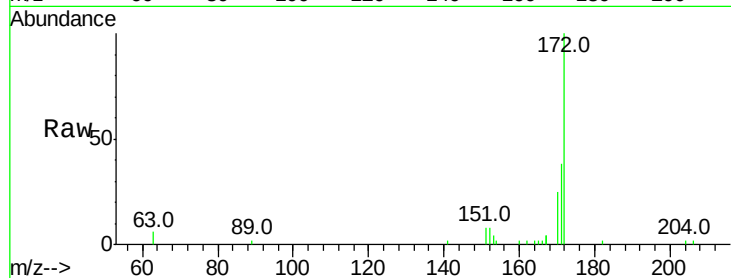




#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095830.D
Acq: 23 Mar 2018 19:25

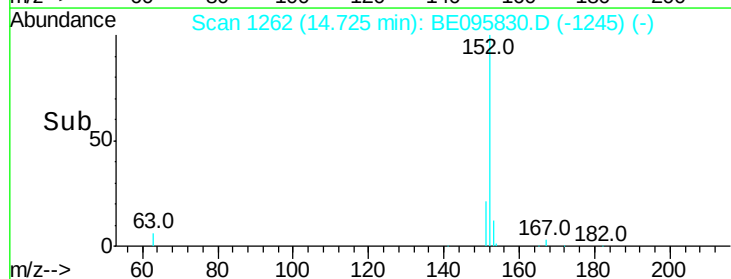
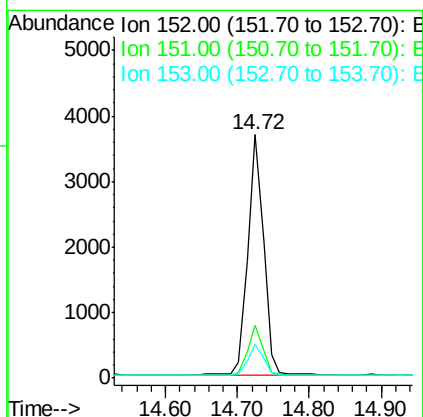
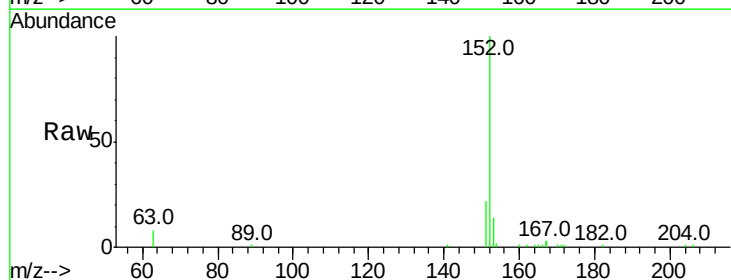
Instrument :
BNA_E
ClientSampleId :

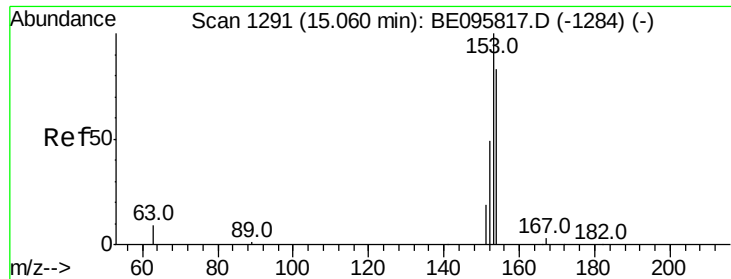
Tot Ion:172 Resp: 4171
Ion Ratio Lower Upper
172 100
171 37.6 29.9 44.9
170 25.2 21.8 32.8



#16
Acenaphthylene
Concen: 0.349 ng
RT: 14.72 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE095830.D
Acq: 23 Mar 2018 19:25

Tgt Ion:152 Resp: 5560
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.2 10.5 15.7

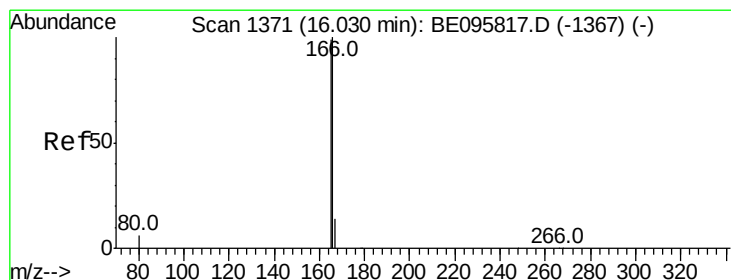
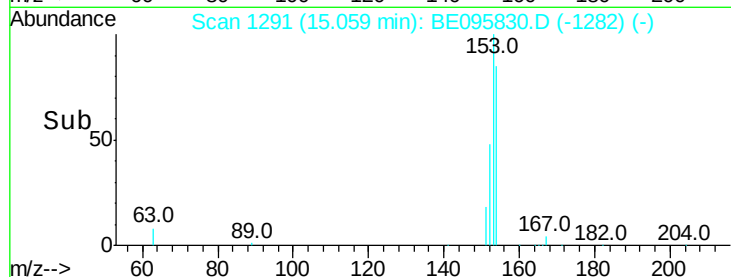
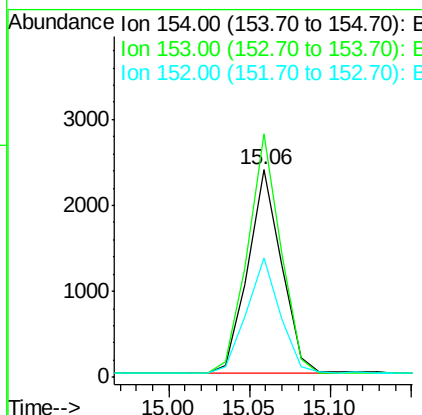
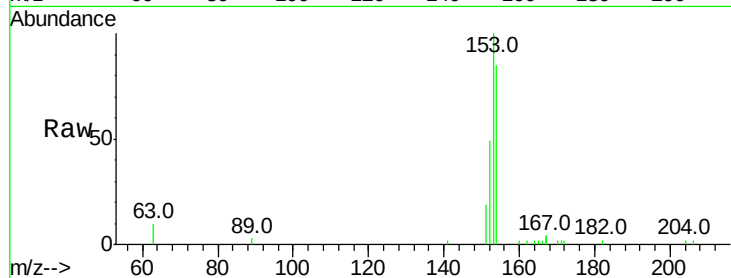




#17
Acenaphthene
Concen: 0.350 ng
RT: 15.06 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BE095830.D
Acq: 23 Mar 2018 19:25

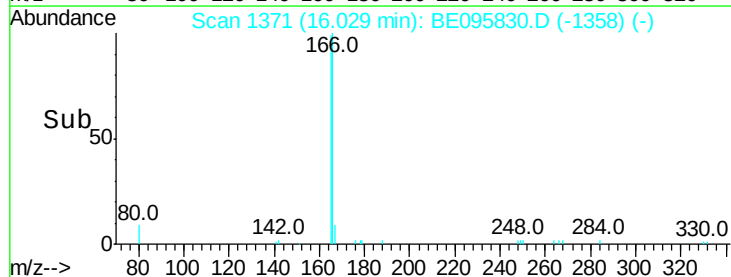
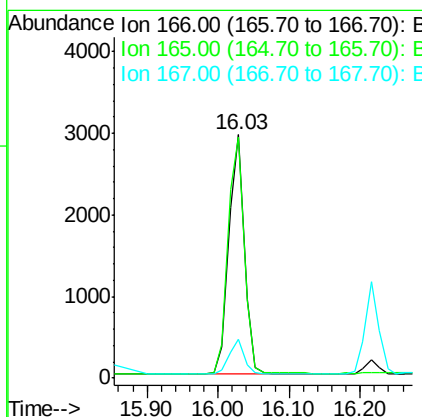
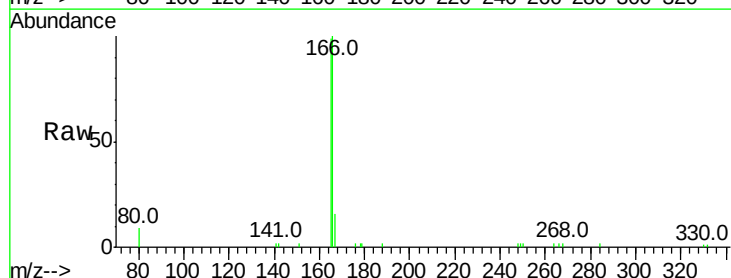
Instrument :
BNA_E
ClientSampleId :

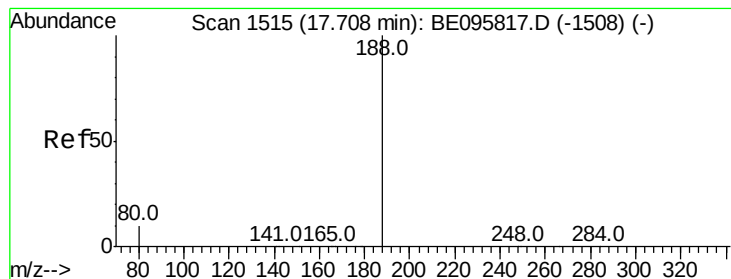
Tot Ion:154 Resp: 3400
Ion Ratio Lower Upper
154 100
153 115.7 89.2 133.8
152 56.7 42.0 63.0



#18
Fluorene
Concen: 0.350 ng
RT: 16.03 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BE095830.D
Acq: 23 Mar 2018 19:25

Tgt Ion:166 Resp: 4473
Ion Ratio Lower Upper
166 100
165 102.8 77.8 116.6
167 14.1 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.71 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BE095830.D

Acq: 23 Mar 2018 19:25

Instrument :

BNA_E

ClientSampleId :

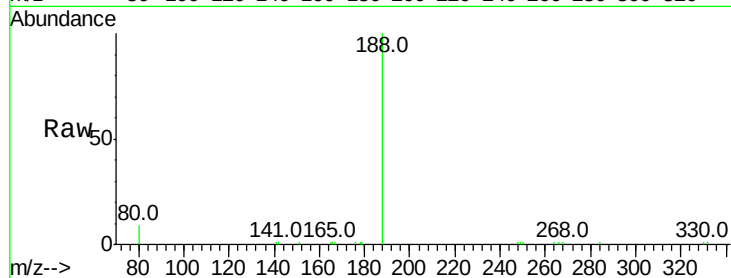
Tot Ion:188 Resp: 7102

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

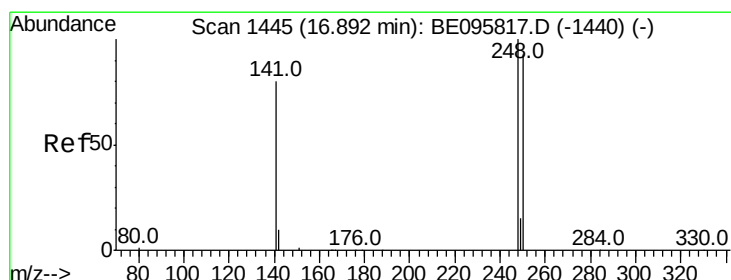
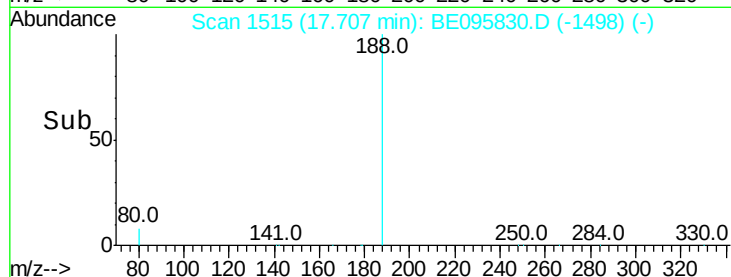
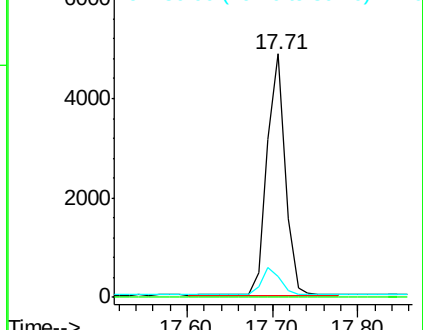
80 8.7 3.6 5.4#



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: 0.358 ng

RT: 16.89 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BE095830.D

Acq: 23 Mar 2018 19:25

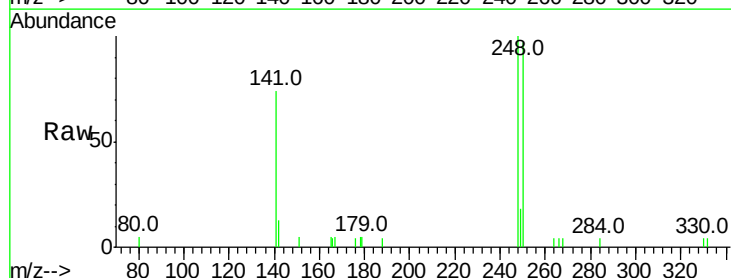
Tgt Ion:248 Resp: 1527

Ion Ratio Lower Upper

248 100

250 97.2 62.7 94.1#

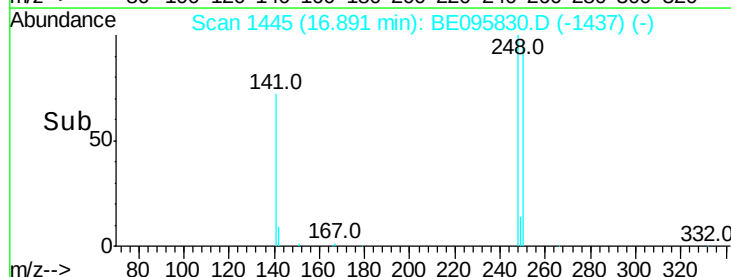
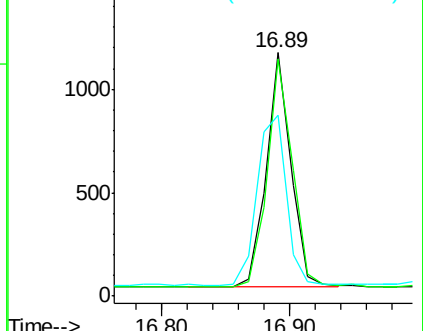
141 74.3 48.2 72.2#

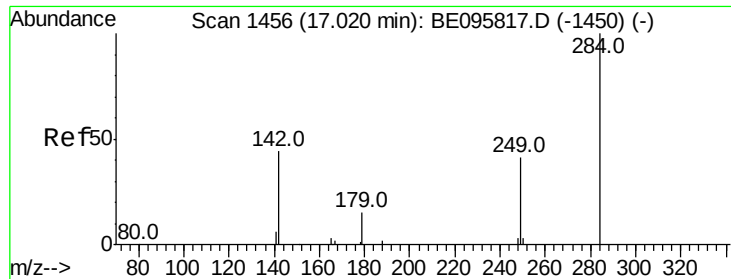


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

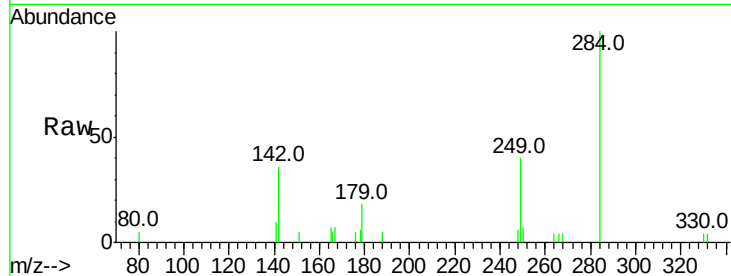




#21
Hexachlorobenzene
Concen: 0.355 ng
RT: 17.02 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE095830.D
Acq: 23 Mar 2018 19:25

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	39.6	22.1	33.1#
249	35.4	34.8	52.2

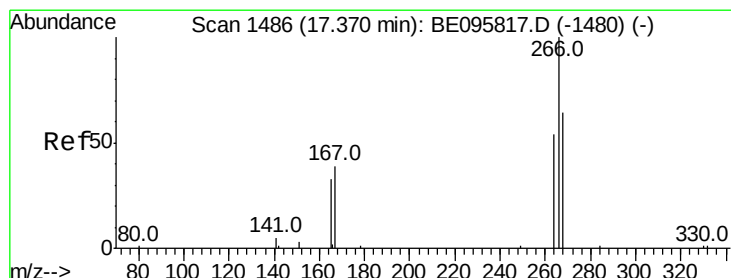
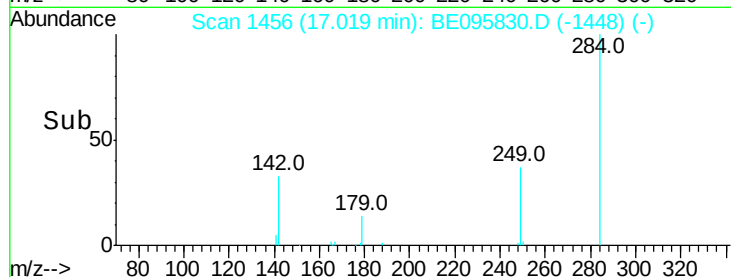
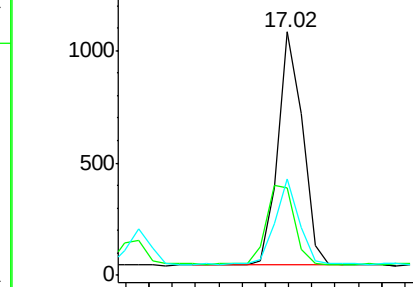


Abundance

Ion 283.80 (283.50 to 284.50): E

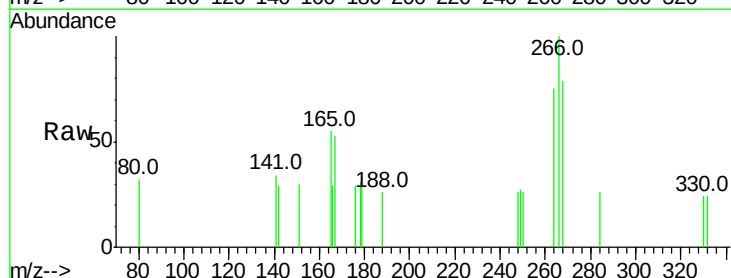
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22
Pentachlorophenol
Concen: 0.320 ng
RT: 17.37 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BE095830.D
Acq: 23 Mar 2018 19:25

Tgt Ion	Ratio	Lower	Upper
266	100		
264	75.3	72.5	108.7
268	78.6	73.8	110.6

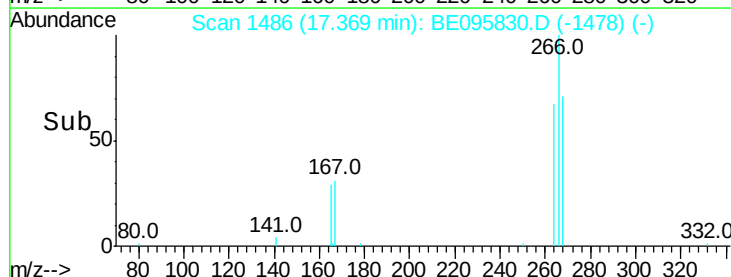
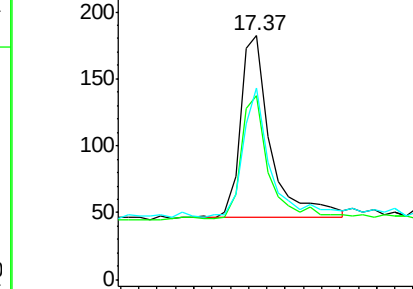


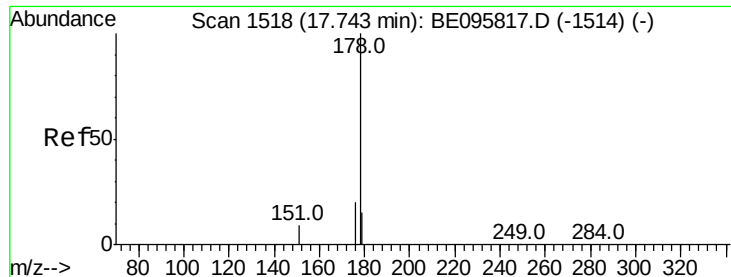
Abundance

Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.364 ng

RT: 17.74 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BE095830.D

Acq: 23 Mar 2018 19:25

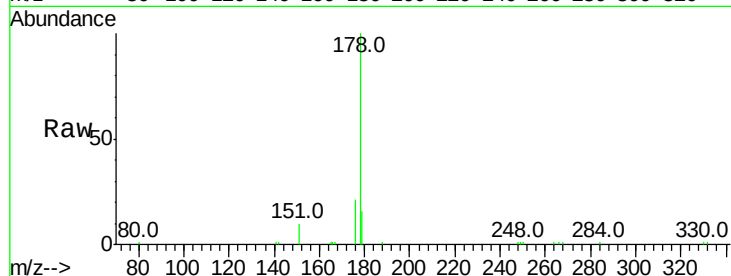
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 7747

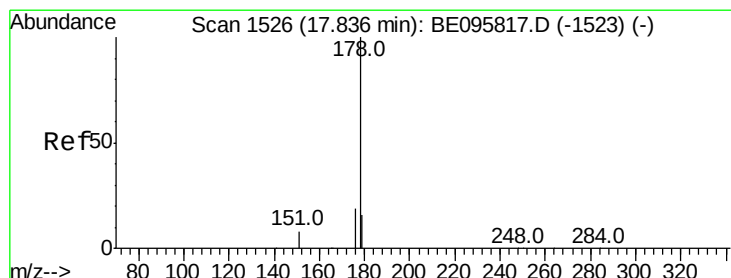
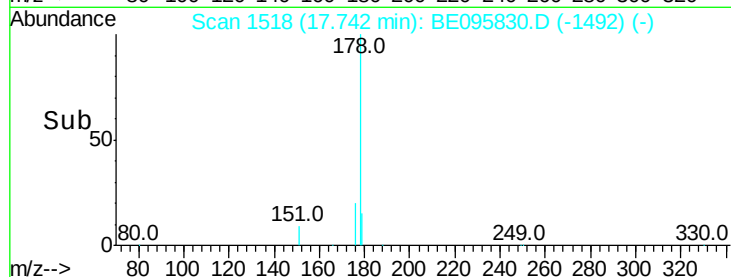
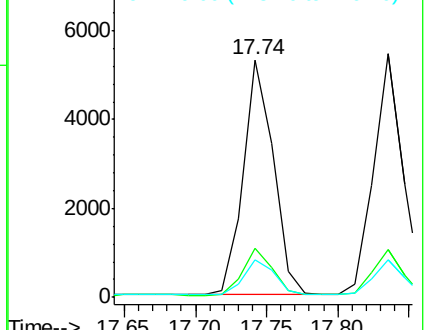
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.2	11.8	17.6



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: 0.363 ng

RT: 17.84 min Scan# 1526

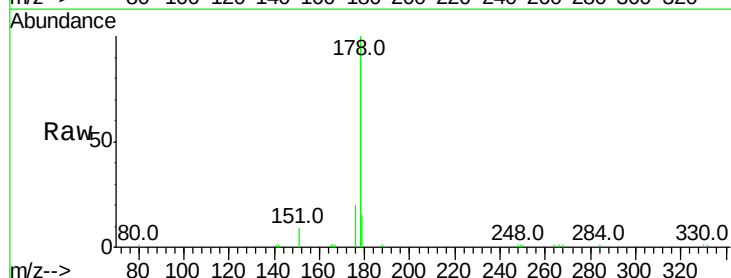
Delta R.T. -0.00 min

Lab File: BE095830.D

Acq: 23 Mar 2018 19:25

Tgt Ion:178 Resp: 7709

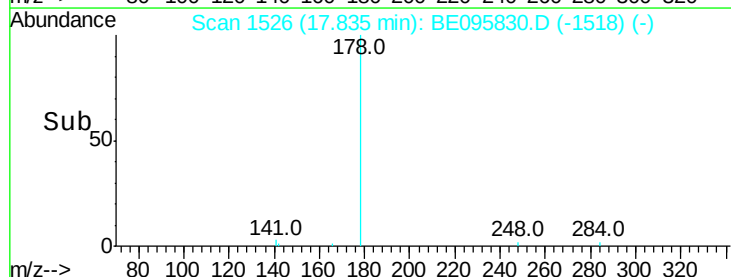
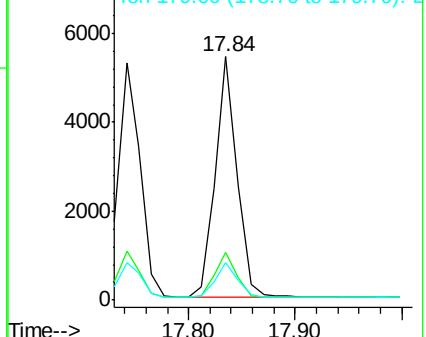
Ion	Ratio	Lower	Upper
178	100		
176	19.2	12.8	19.2
179	14.9	13.0	19.6

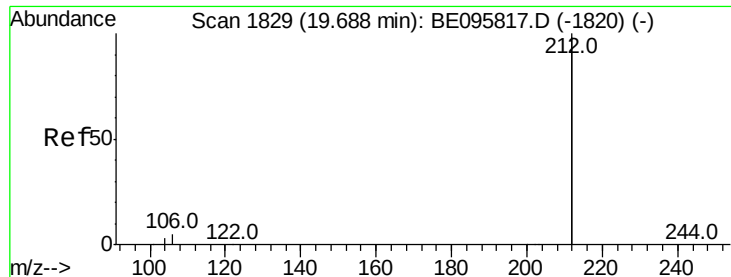


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.366 ng

RT: 19.68 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BE095830.D

Acq: 23 Mar 2018 19:25

Instrument :

BNA_E

ClientSampleId :

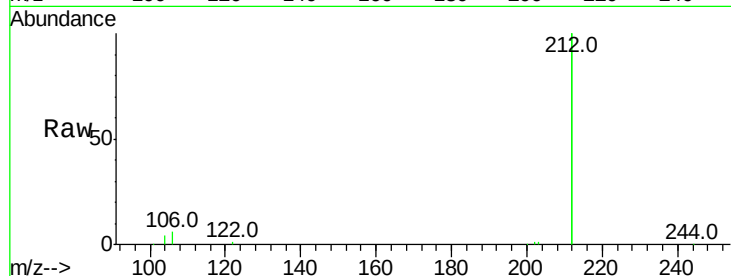
Tot Ion:212 Resp: 38650

Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2

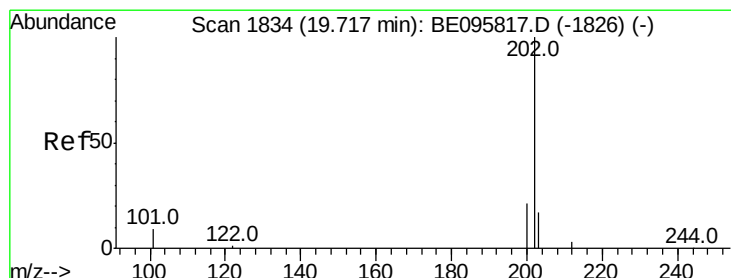
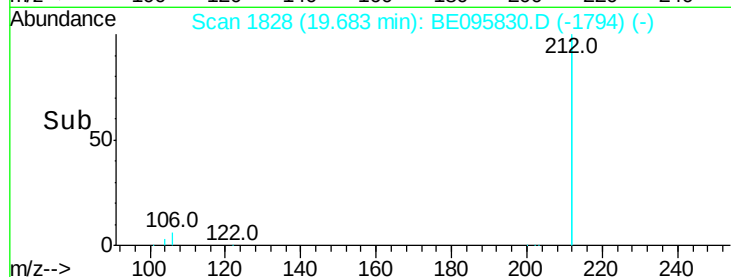
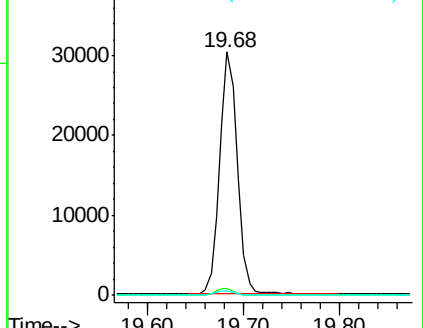
104 1.6 1.6 2.4



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: 0.368 ng

RT: 19.71 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BE095830.D

Acq: 23 Mar 2018 19:25

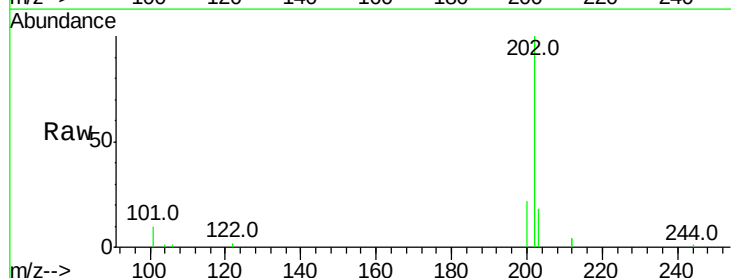
Tgt Ion:202 Resp: 10870

Ion Ratio Lower Upper

202 100

101 9.8 9.8 14.8#

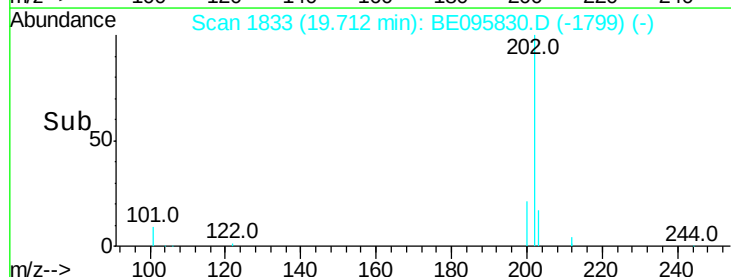
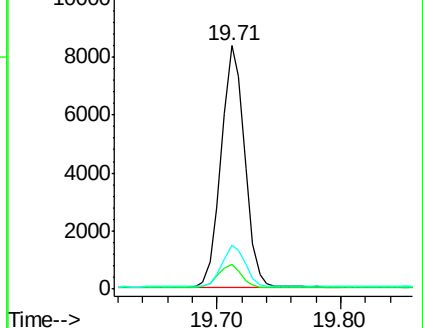
203 17.0 13.7 20.5

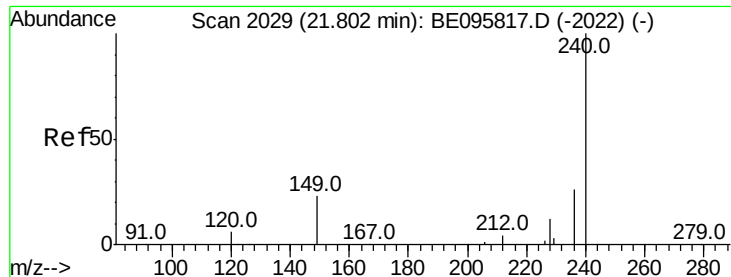


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.79 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BE095830.D

Acq: 23 Mar 2018 19:25

Instrument :

BNA_E

ClientSampleId :

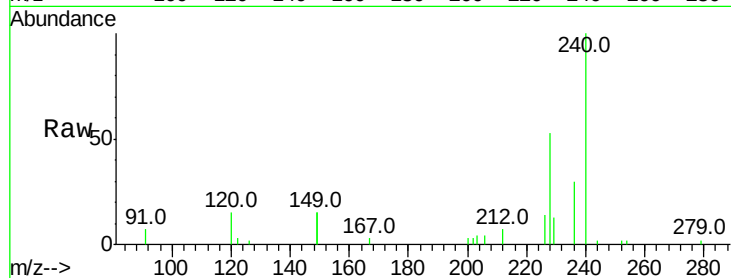
Tot Ion:240 Resp: 8511

Ion Ratio Lower Upper

240 100

120 14.7 5.5 8.3#

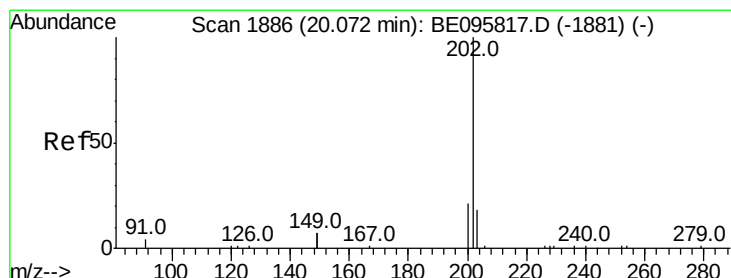
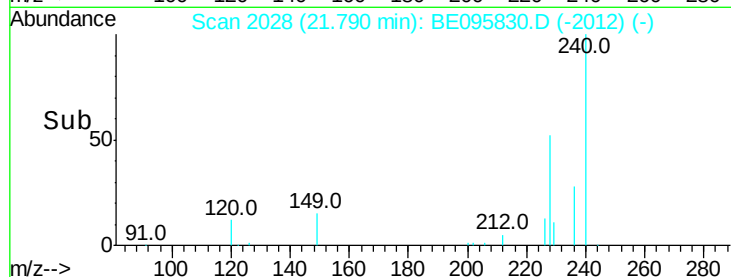
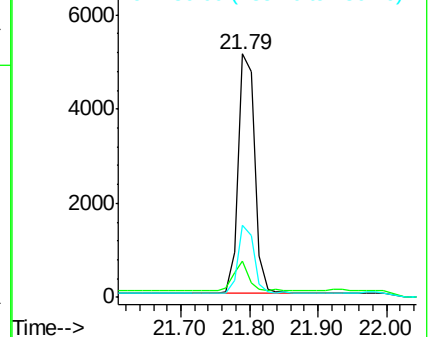
236 29.7 20.7 31.1



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: 0.380 ng

RT: 20.06 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BE095830.D

Acq: 23 Mar 2018 19:25

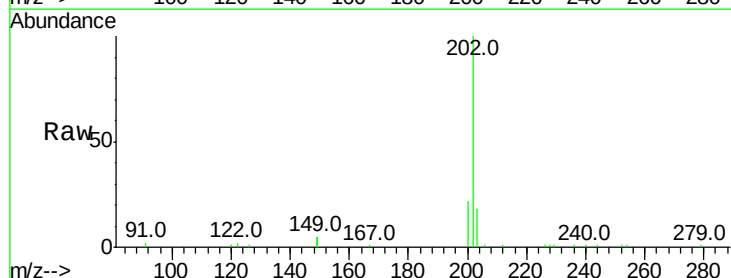
Tgt Ion:202 Resp: 13179

Ion Ratio Lower Upper

202 100

200 19.4 16.6 25.0

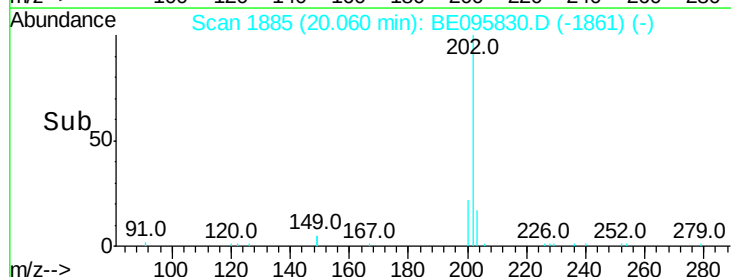
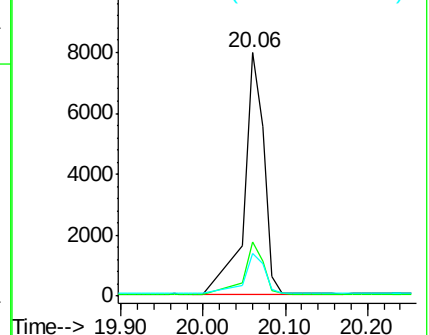
203 20.1 13.8 20.8

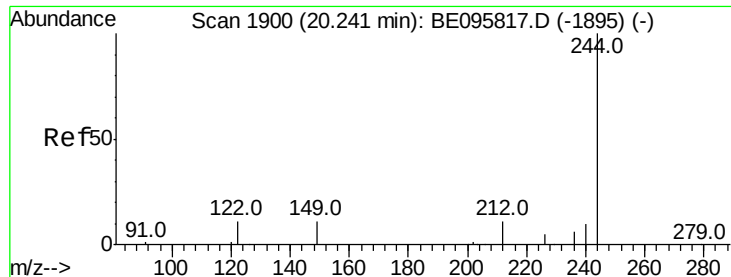


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.360 ng

RT: 20.24 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BE095830.D

Acq: 23 Mar 2018 19:25

Instrument :

BNA_E

ClientSampleId :

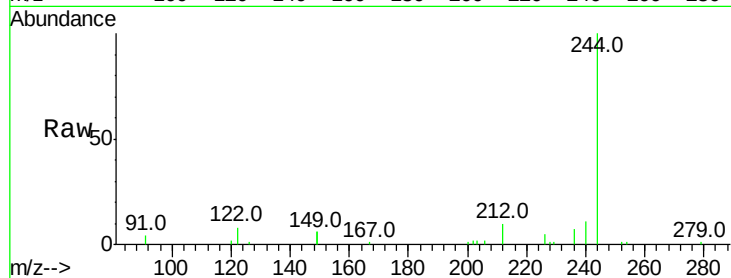
Tot Ion:244 Resp: 6504

Ion Ratio Lower Upper

244 100

212 9.5 25.4 38.0#

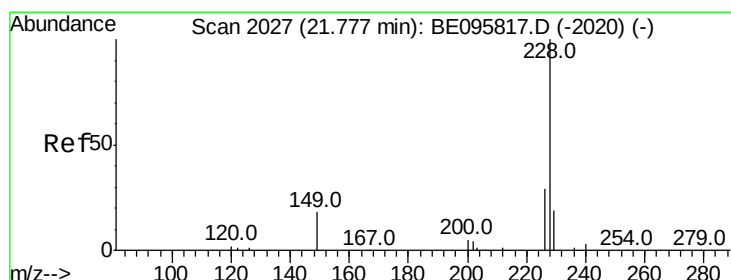
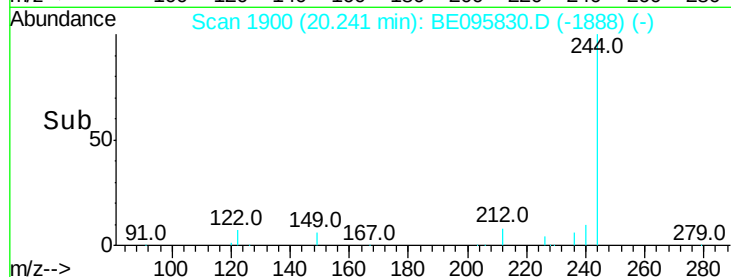
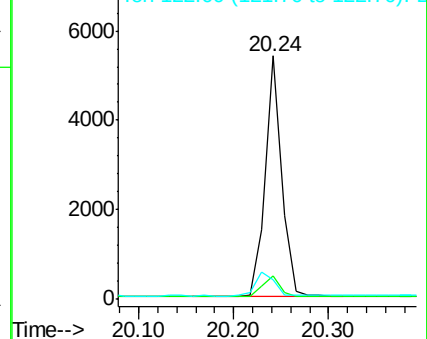
122 8.1 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.361 ng

RT: 21.78 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE095830.D

Acq: 23 Mar 2018 19:25

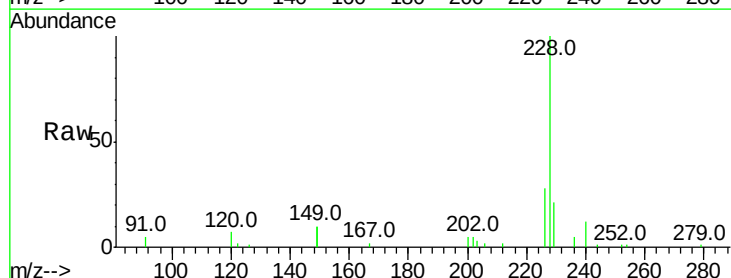
Tgt Ion:228 Resp: 10659

Ion Ratio Lower Upper

228 100

226 28.5 24.0 36.0

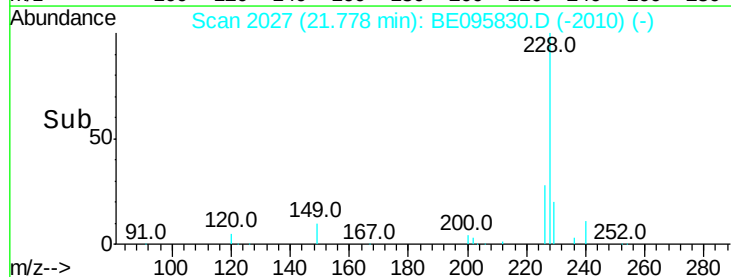
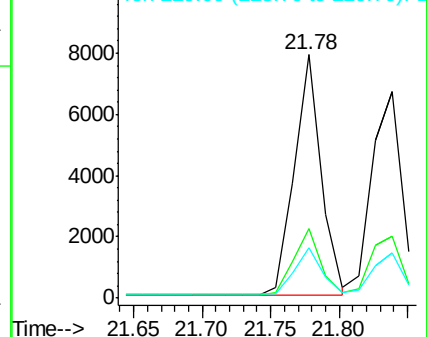
229 20.9 16.0 24.0

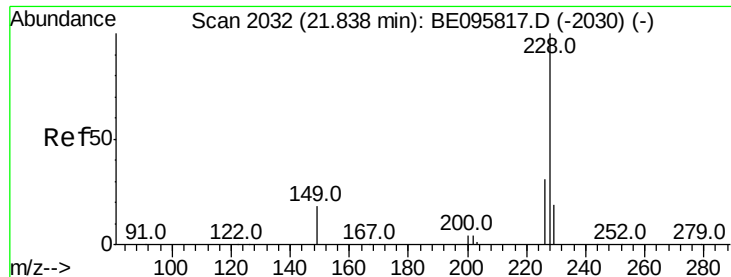


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.374 ng

RT: 21.84 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BE095830.D

Acq: 23 Mar 2018 19:25

Instrument :

BNA_E

ClientSampled :

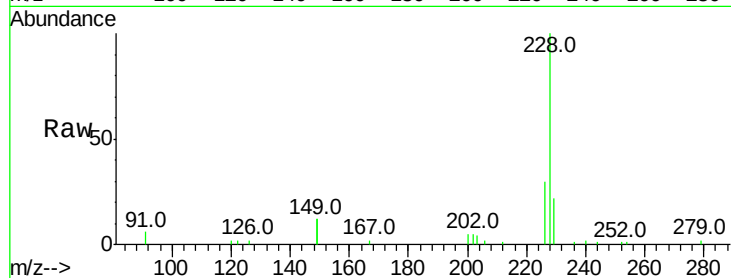
Tot Ion:228 Resp: 10075

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

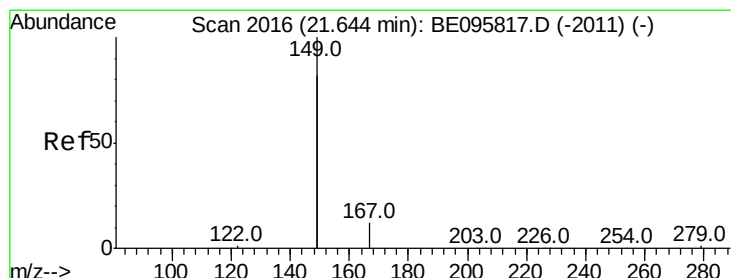
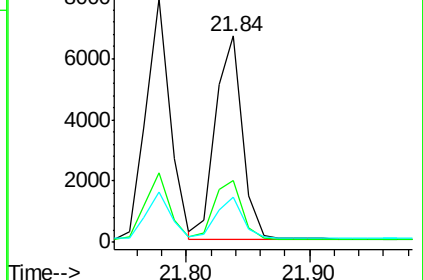
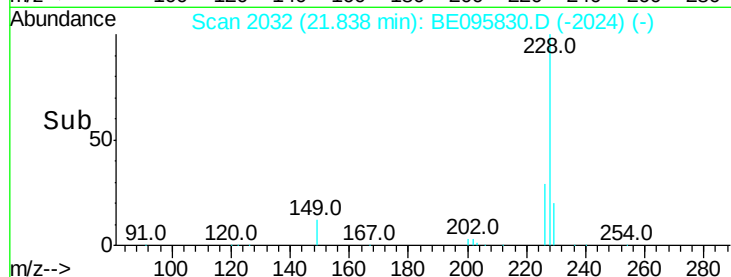
229 21.9 16.0 24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.323 ng

RT: 21.64 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BE095830.D

Acq: 23 Mar 2018 19:25

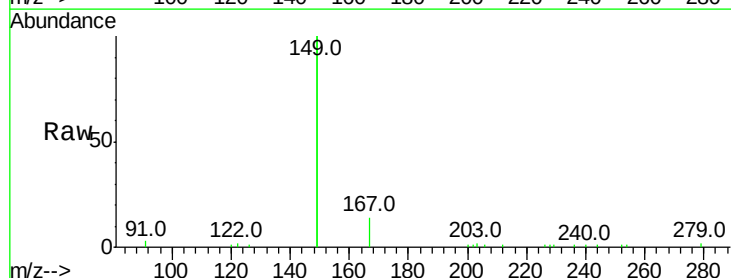
Tgt Ion:149 Resp: 29153

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

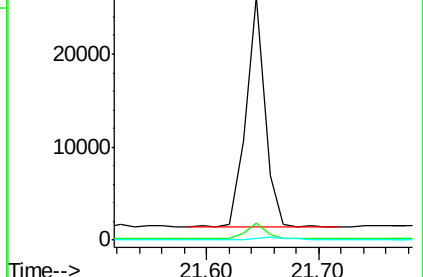
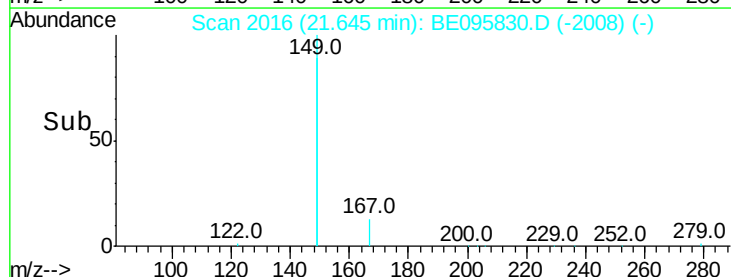
279 0.9 0.7 1.1

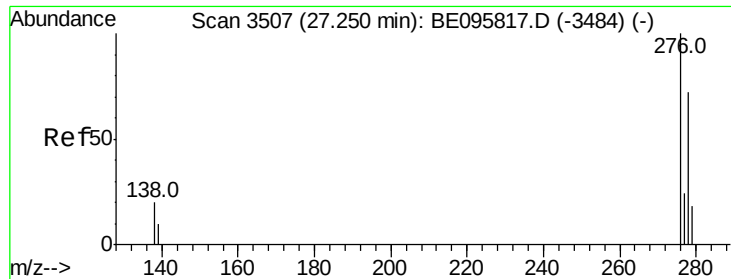


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.367 ng

RT: 27.24 min Scan# 3503

Delta R.T. -0.01 min

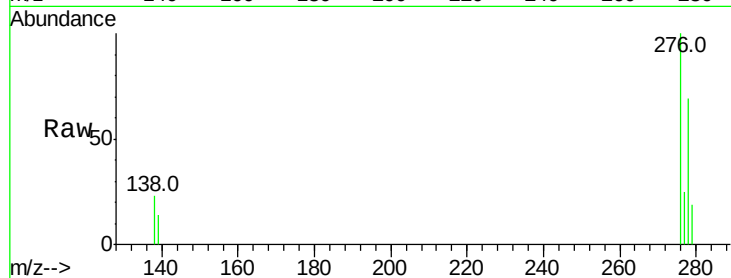
Lab File: BE095830.D

Acq: 23 Mar 2018 19:25

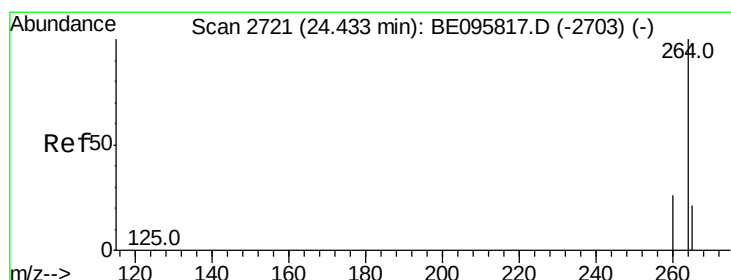
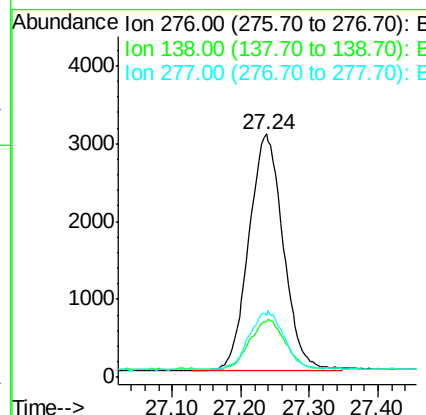
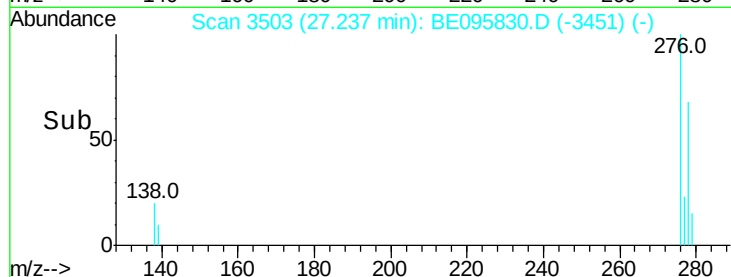
Instrument :

BNA_E

ClientSampleId :



Tot Ion:	276	Resp:	10658
Ion	Ratio	Lower	Upper
276	100		
138	21.6	22.5	33.7#
277	25.2	19.9	29.9



#34

Perylene-d12

Concen: 0.400 ng

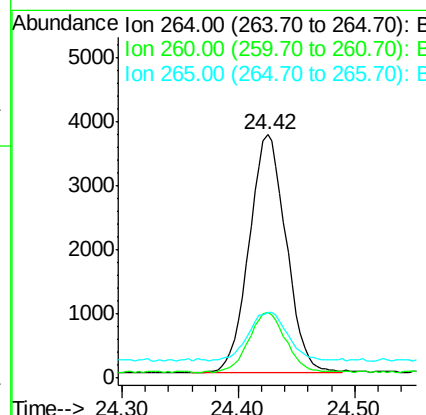
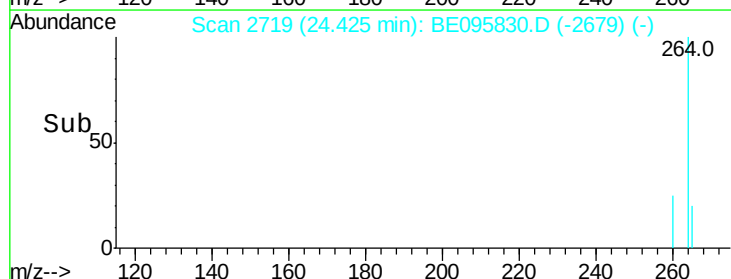
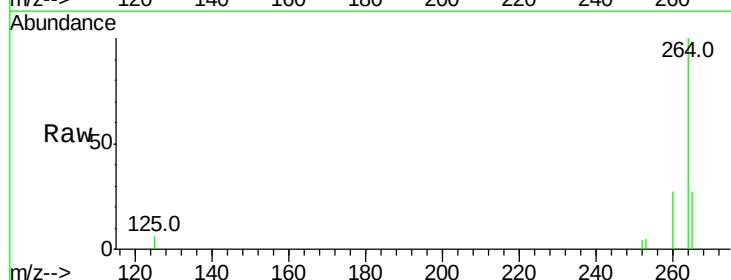
RT: 24.42 min Scan# 2719

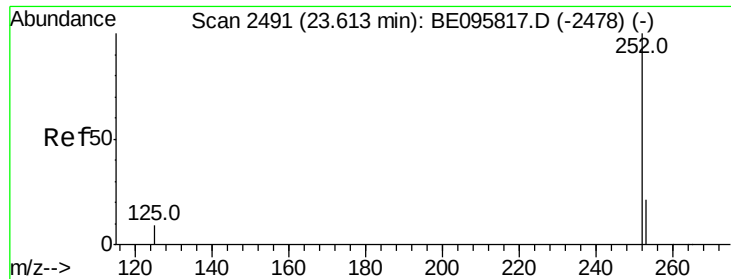
Delta R.T. -0.01 min

Lab File: BE095830.D

Acq: 23 Mar 2018 19:25

Tgt Ion:	264	Resp:	8245
Ion	Ratio	Lower	Upper
264	100		
260	26.8	20.5	30.7
265	27.1	22.8	34.2

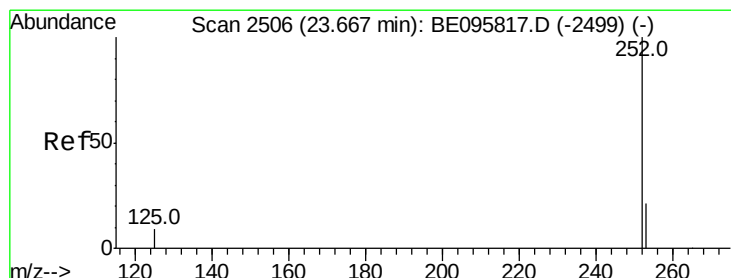
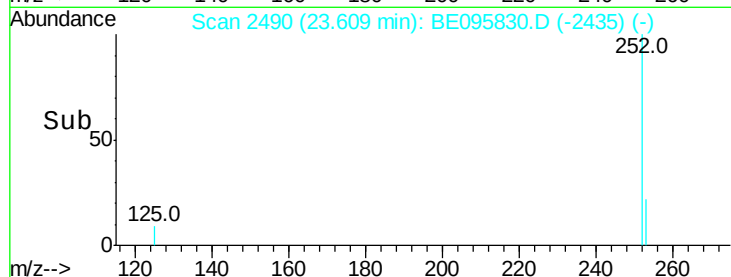
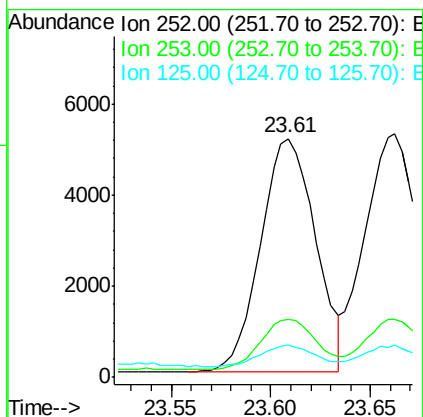
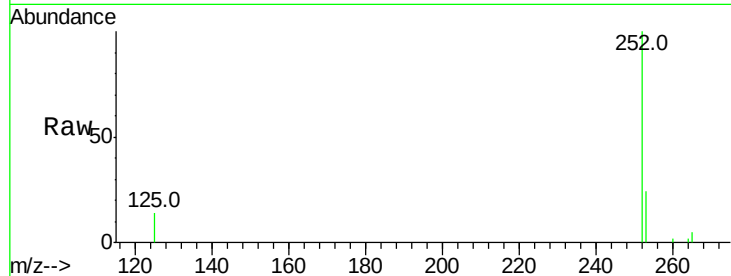




#35
Benzo(b)fluoranthene
Concen: 0.361 ng
RT: 23.61 min Scan# 2490
Delta R.T. -0.00 min
Lab File: BE095830.D
Acq: 23 Mar 2018 19:25

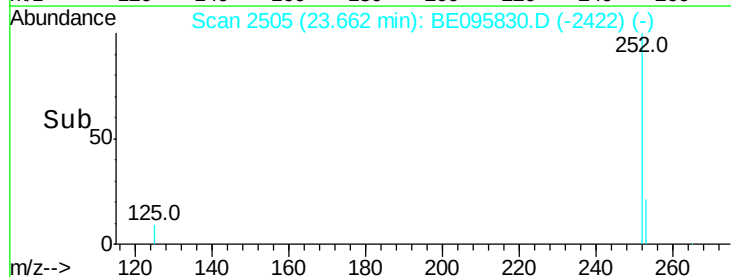
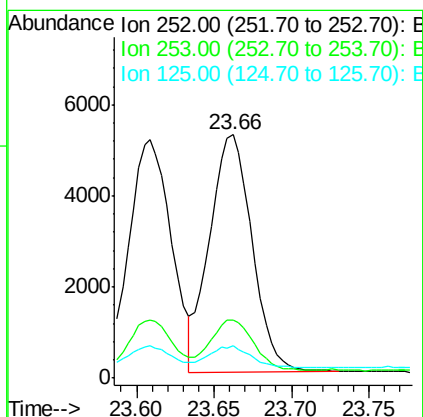
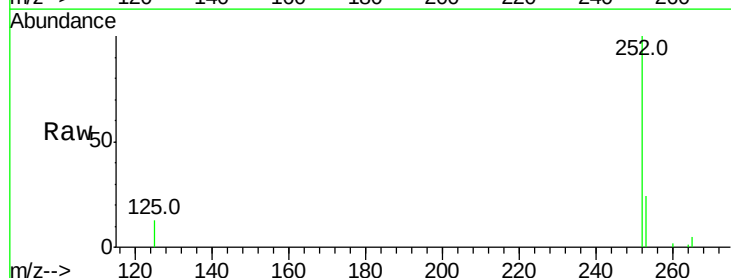
Instrument :
BNA_E
ClientSampleId :

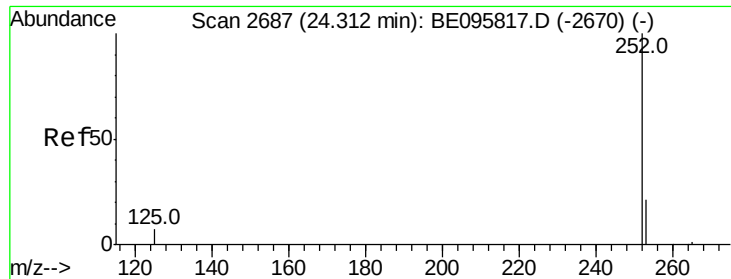
Tot Ion:252 Resp: 9835
Ion Ratio Lower Upper
252 100
253 24.4 20.0 30.0
125 13.6 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.365 ng
RT: 23.66 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BE095830.D
Acq: 23 Mar 2018 19:25

Tgt Ion:252 Resp: 9945
Ion Ratio Lower Upper
252 100
253 23.9 16.0 24.0
125 13.1 8.0 12.0#





#37

Benzo(a)pyrene

Concen: 0.365 ng

RT: 24.31 min Scan# 2686

Delta R.T. -0.00 min

Lab File: BE095830.D

Acq: 23 Mar 2018 19:25

Instrument :

BNA_E

ClientSampleId :

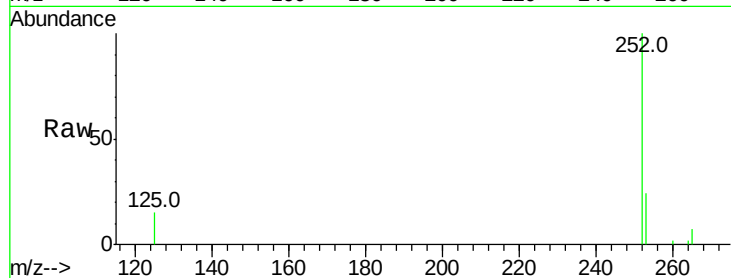
Tot Ion:252 Resp: 9331

Ion Ratio Lower Upper

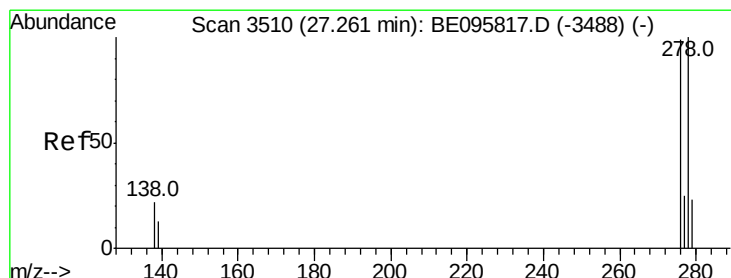
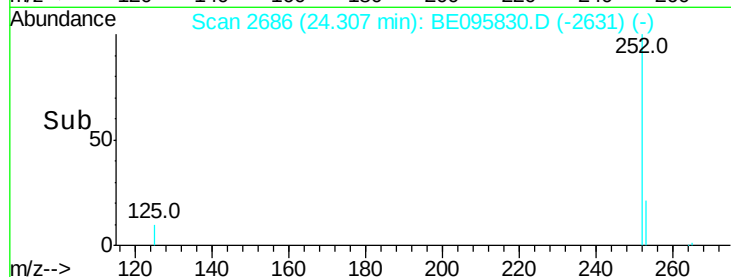
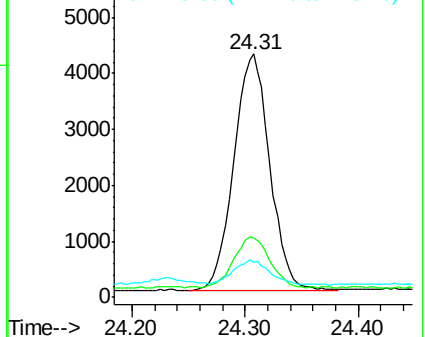
252 100

253 24.4 16.0 24.0#

125 14.5 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: 0.360 ng

RT: 27.25 min Scan# 3507

Delta R.T. -0.01 min

Lab File: BE095830.D

Acq: 23 Mar 2018 19:25

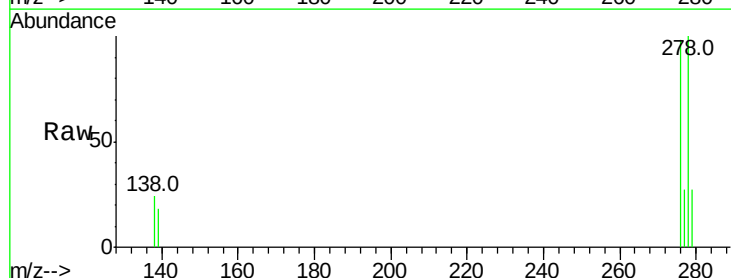
Tgt Ion:278 Resp: 8736

Ion Ratio Lower Upper

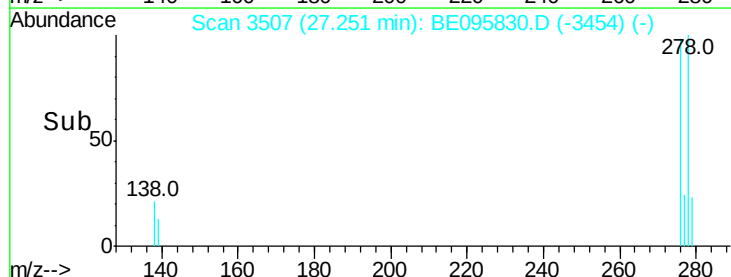
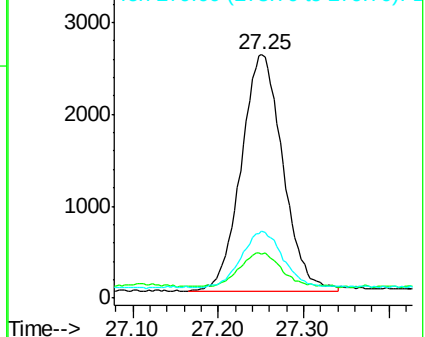
278 100

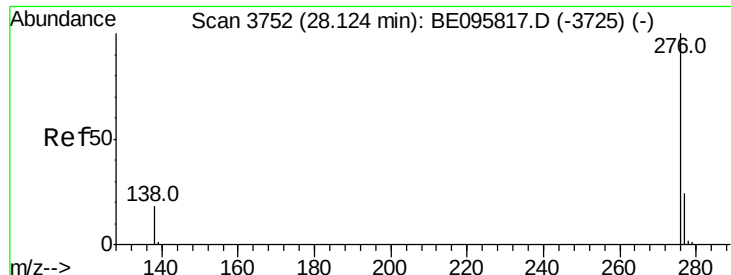
139 18.2 16.0 24.0

279 27.3 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: 0.358 ng

RT: 28.11 min Scan# 3749

Delta R.T. -0.01 min

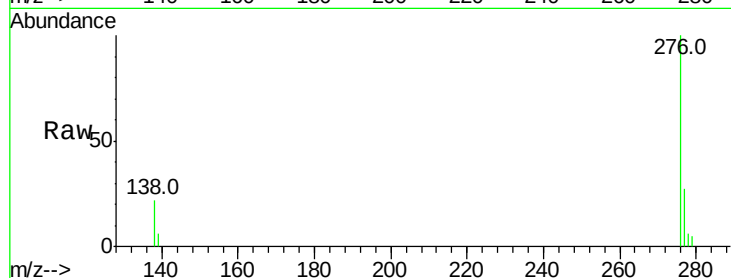
Lab File: BE095830.D

Acq: 23 Mar 2018 19:25

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 8731

Ion Ratio Lower Upper

276 100

277 27.0 16.0 24.0#

138 22.2 20.0 30.0

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

