

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
 Data File : BE095864.D
 Acq On : 27 Mar 2018 6:31
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 27 07:06:53 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	1131	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	4565	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2809	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	6977	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	7872	0.40	ng	-0.01
34) Perylene-d12	24.41	264	7499	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	1459	0.39	ng	0.00
5) Phenol-d6	7.56	99	2108	0.41	ng	0.00
8) Nitrobenzene-d5	9.59	82	2120	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	3108	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	16.46	330	713	0.44	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	4750	0.40	ng	-0.01
25) Fluoranthene-d10	19.68	212	41349	0.40	ng	0.00
29) Terphenyl-d14	20.24	244	6874	0.41	ng	0.00

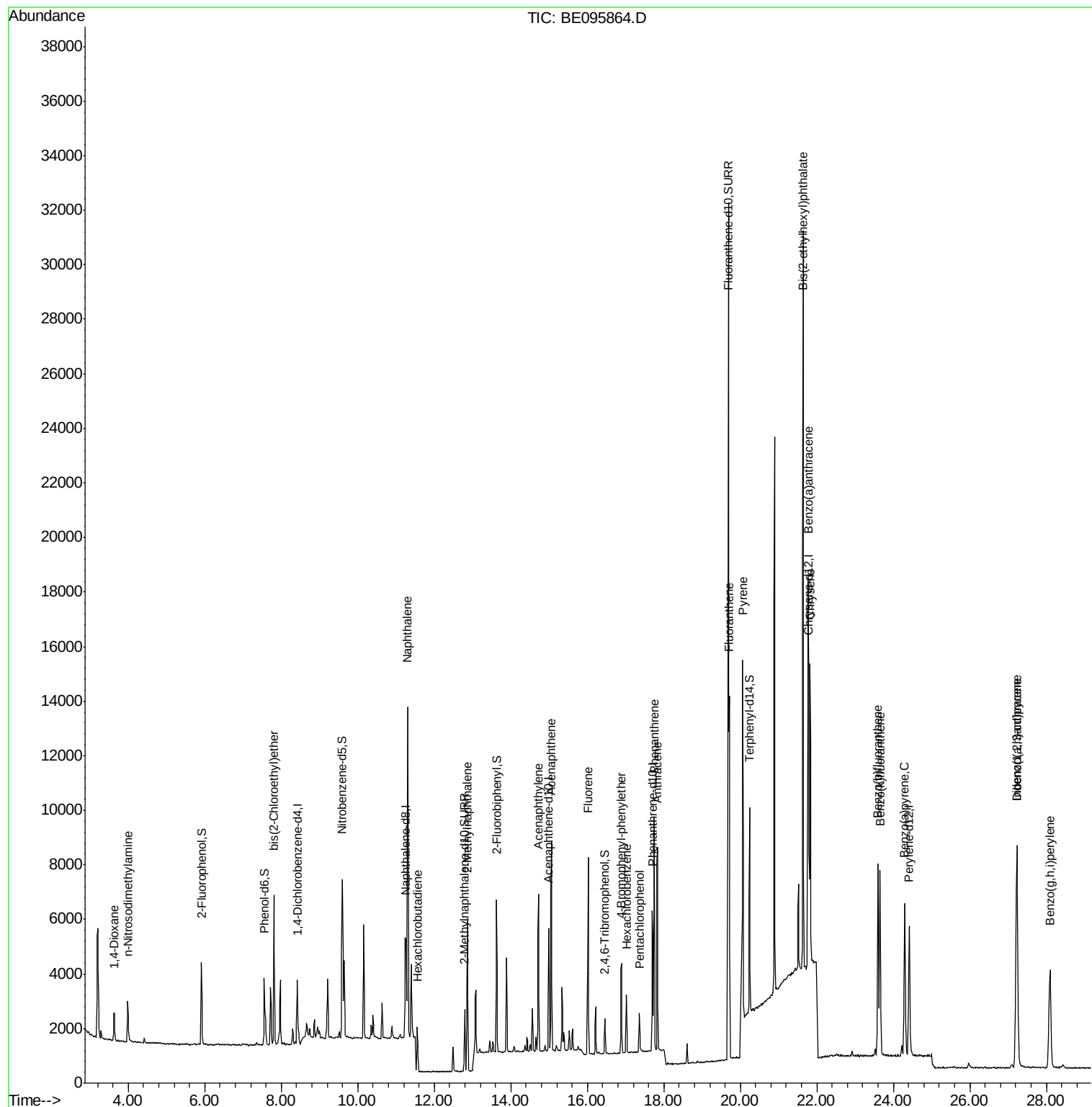
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.63	88	746	0.403	ng	99
3) n-Nitrosodimethylamine	3.98	42	1030	0.379	ng	# 84
6) bis(2-Chloroethyl)ether	7.81	93	1783	0.403	ng	95
9) Naphthalene	11.30	128	21259	0.408	ng	99
10) Hexachlorobutadiene	11.56	225	1492	0.417	ng	95
12) 2-Methylnaphthalene	12.86	142	3736	0.420	ng	96
16) Acenaphthylene	14.73	152	6565	0.409	ng	99
17) Acenaphthene	15.06	154	3901	0.398	ng	95
18) Fluorene	16.02	166	5215	0.405	ng	# 78
20) 4-Bromophenyl-phenylether	16.89	248	1761	0.420	ng	# 81
21) Hexachlorobenzene	17.02	284	1720	0.411	ng	# 84
22) Pentachlorophenol	17.36	266	766	0.615	ng	# 74
23) Phenanthrene	17.74	178	8676	0.415	ng	98
24) Anthracene	17.84	178	8668	0.415	ng	96
26) Fluoranthene	19.71	202	11705	0.403	ng	97
28) Pyrene	20.06	202	15159	0.473	ng	96
30) Benzo(a)anthracene	21.78	228	11227	0.411	ng	97
31) Chrysene	21.82	228	10391	0.417	ng	98
32) Bis(2-ethylhexyl)phthalate	21.64	149	31241	0.374	ng	100
33) Indeno(1,2,3-cd)pyrene	27.22	276	11052	0.412	ng	# 93
35) Benzo(b)fluoranthene	23.60	252	10378	0.418	ng	# 92
36) Benzo(k)fluoranthene	23.65	252	10079	0.406	ng	# 91
37) Benzo(a)pyrene	24.30	252	9560	0.411	ng	# 93
38) Dibenzo(a,h)anthracene	27.23	278	9202	0.417	ng	98
39) Benzo(g,h,i)perylene	28.09	276	9176	0.414	ng	# 91

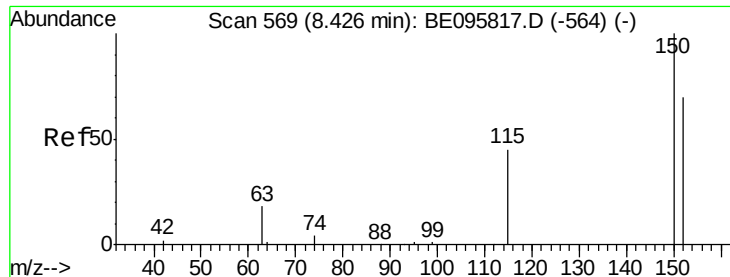
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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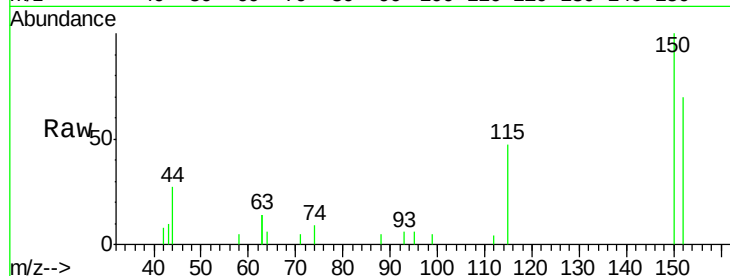


#1

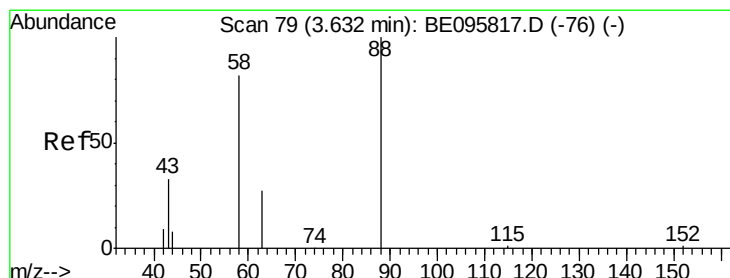
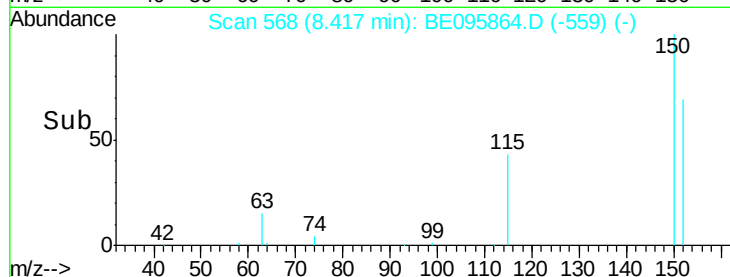
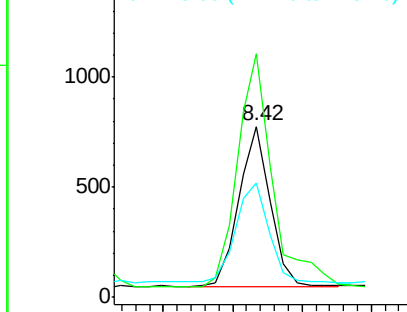
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095864.D
Acq: 27 Mar 2018 6:31

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1131
Ion Ratio Lower Upper
152 100
150 142.4 117.2 175.8
115 67.1 57.0 85.6



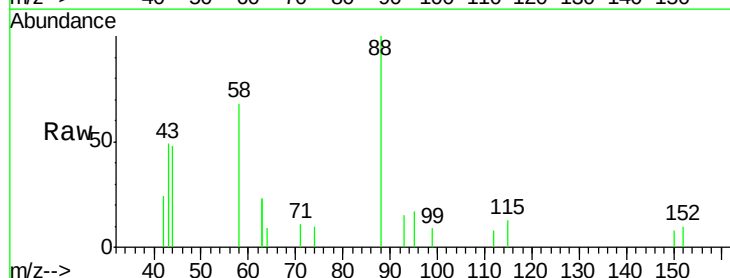
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



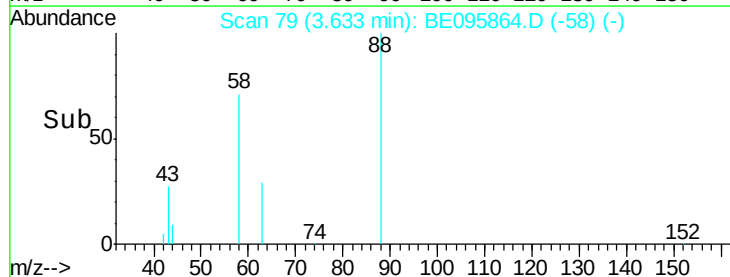
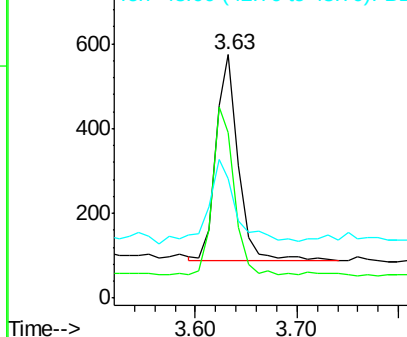
#2

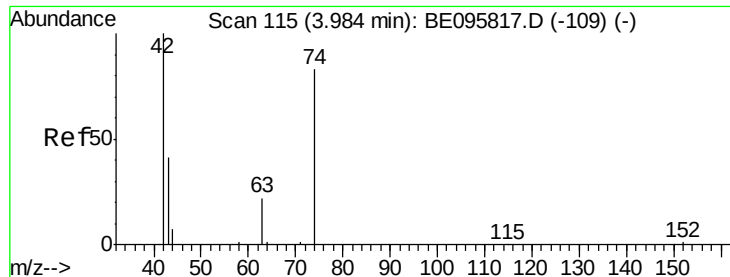
1,4-Dioxane
Concen: 0.403 ng
RT: 3.63 min Scan# 79
Delta R.T. 0.00 min
Lab File: BE095864.D
Acq: 27 Mar 2018 6:31

Tgt Ion: 88 Resp: 746
Ion Ratio Lower Upper
88 100
58 80.4 63.2 94.8
43 51.7 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



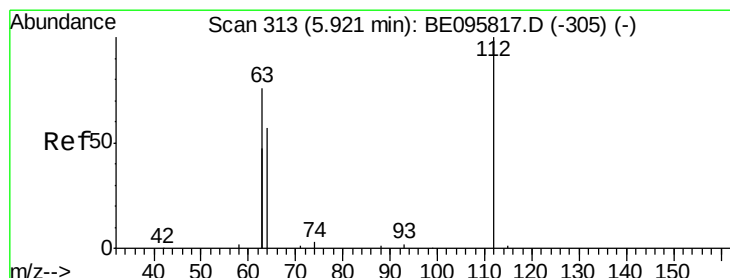
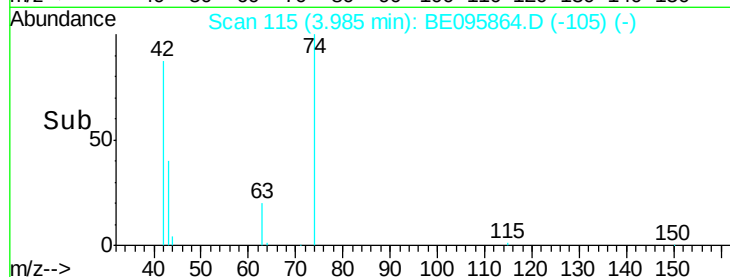
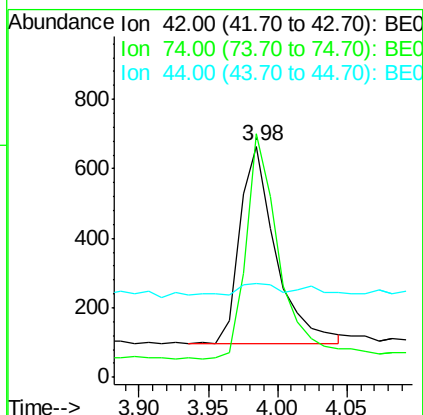
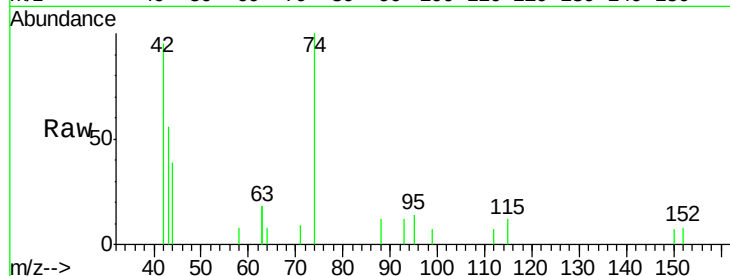


#3

n-Nitrosodimethylamine
 Concen: 0.379 ng
 RT: 3.98 min Scan# 115
 Delta R.T. 0.00 min
 Lab File: BE095864.D
 Acq: 27 Mar 2018 6:31

Instrument :
 BNA_E
 ClientSampleId :

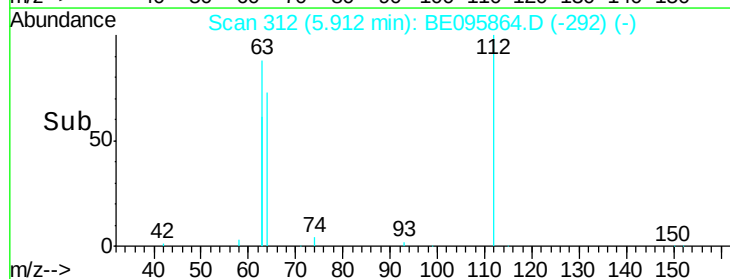
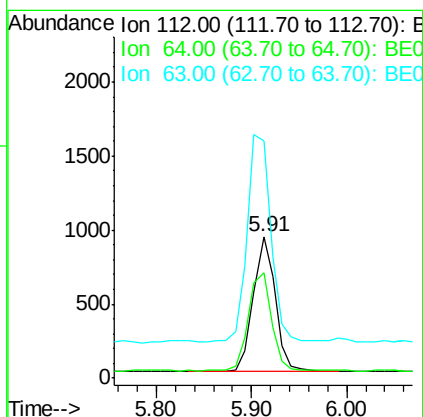
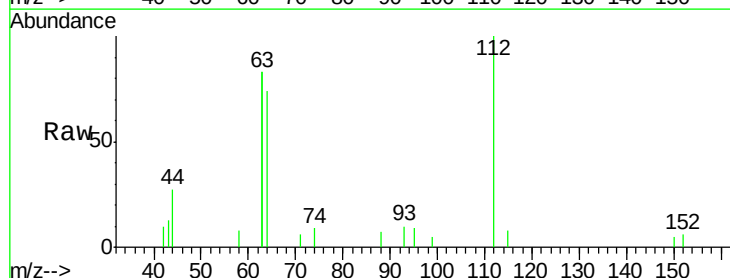
Tot Ion	Ratio	Lower	Upper
42	100		
74	103.6	96.0	144.0
44	5.6	12.0	18.0

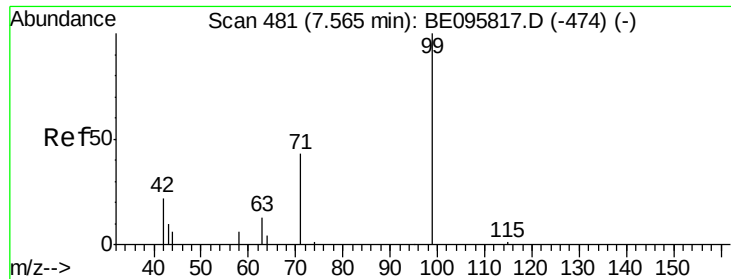


#4

2-Fluorophenol
 Concen: 0.391 ng
 RT: 5.91 min Scan# 312
 Delta R.T. -0.01 min
 Lab File: BE095864.D
 Acq: 27 Mar 2018 6:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.0	60.1	90.1
63	164.2	116.8	175.2





#5

Phenol-d6

Concen: 0.411 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095864.D

Acq: 27 Mar 2018 6:31

Instrument :

BNA_E

ClientSampleId :

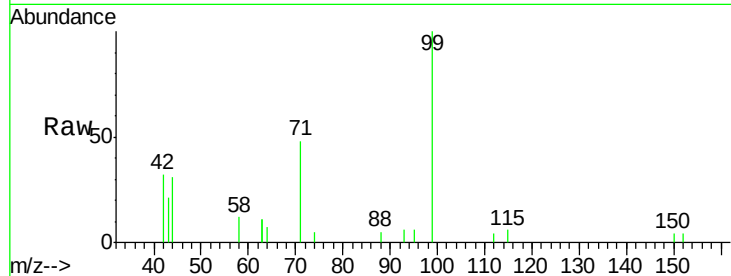
Tot Ion: 99 Resp: 2108

Ion Ratio Lower Upper

99 100

42 26.8 20.2 30.2

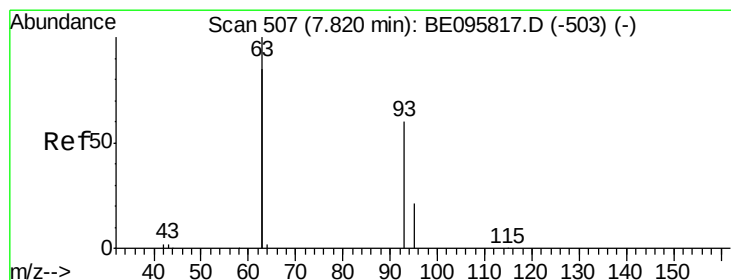
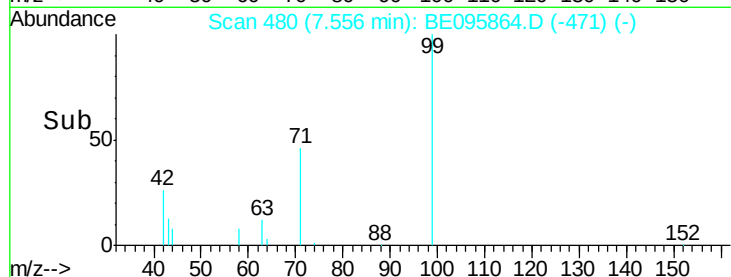
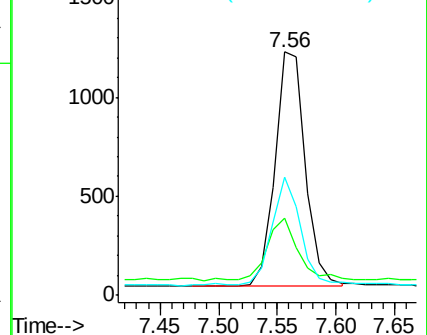
71 44.0 28.4 42.6#



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: 0.403 ng

RT: 7.81 min Scan# 506

Delta R.T. -0.01 min

Lab File: BE095864.D

Acq: 27 Mar 2018 6:31

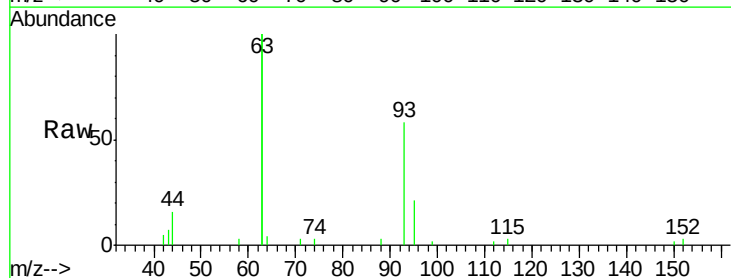
Tgt Ion: 93 Resp: 1783

Ion Ratio Lower Upper

93 100

63 333.0 275.3 412.9

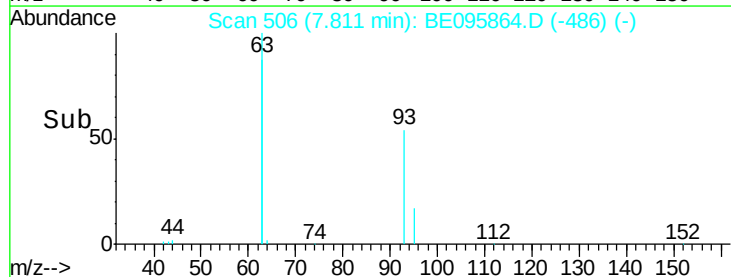
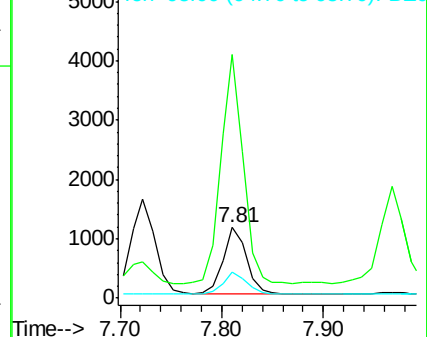
95 33.8 25.2 37.8

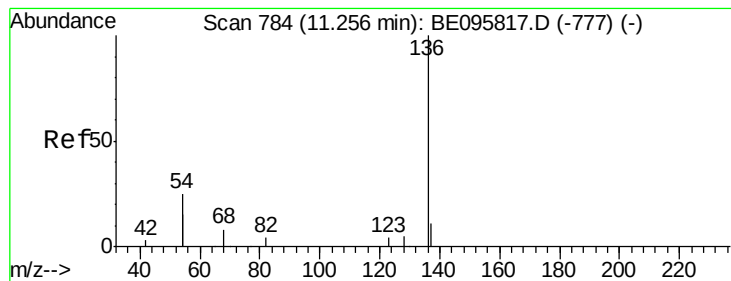


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE095864.D

Acq: 27 Mar 2018 6:31

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4565

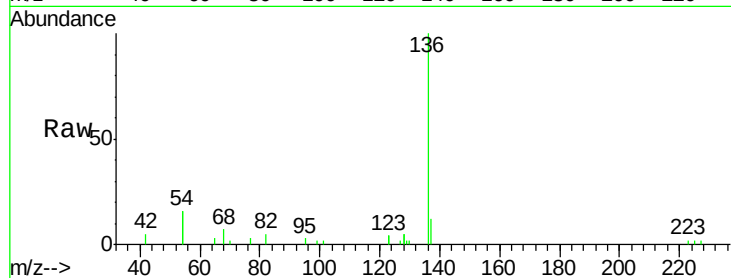
Ion Ratio Lower Upper

136 100

137 12.2 9.5 14.3

54 31.3 29.1 43.7

68 6.6 6.2 9.2

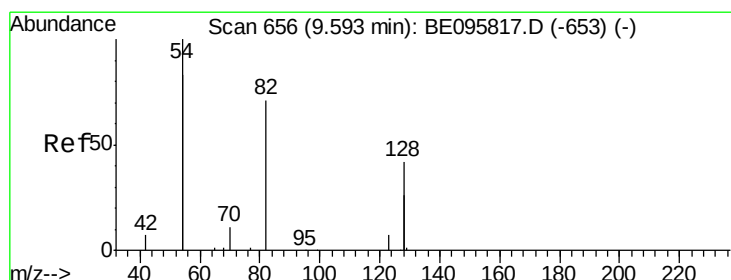
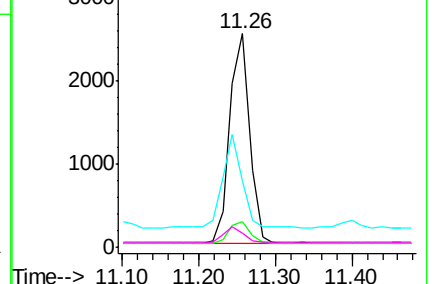
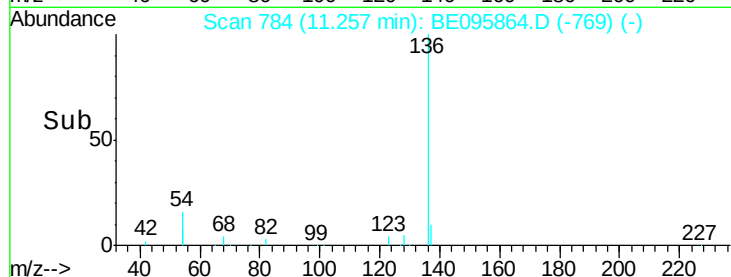


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.393 ng

RT: 9.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE095864.D

Acq: 27 Mar 2018 6:31

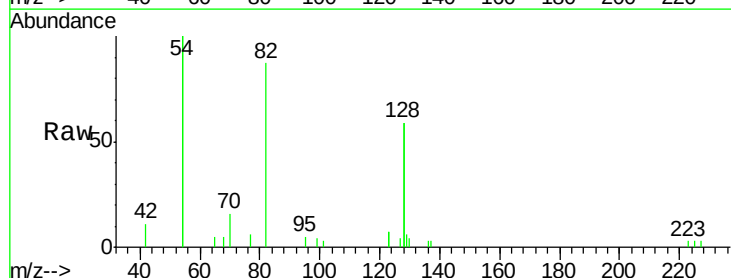
Tgt Ion: 82 Resp: 2120

Ion Ratio Lower Upper

82 100

128 136.3 150.0 225.0#

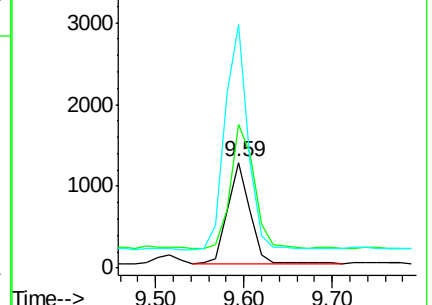
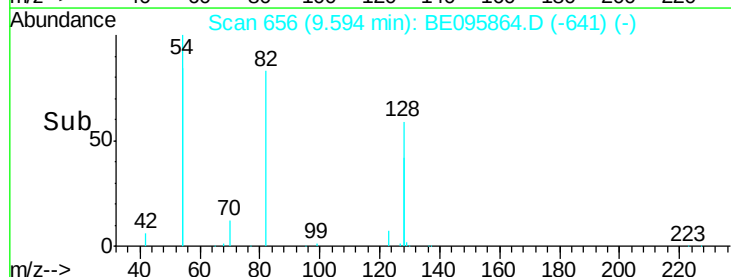
54 230.7 154.2 231.4

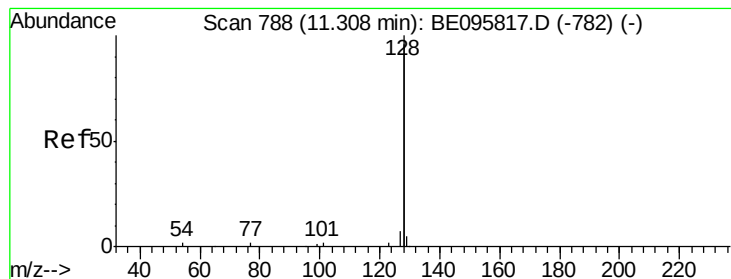


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.408 ng

RT: 11.30 min Scan# 787

Delta R.T. -0.01 min

Lab File: BE095864.D

Acq: 27 Mar 2018 6:31

Instrument :

BNA_E

ClientSampleId :

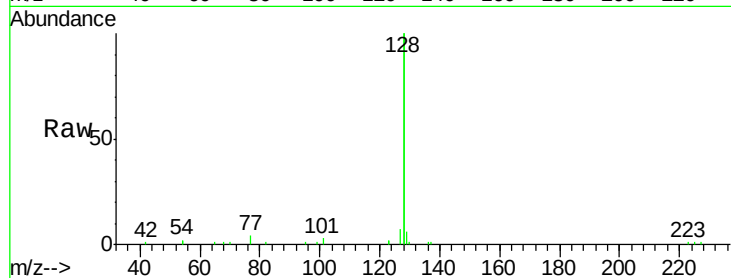
Tot Ion:128 Resp: 21259

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

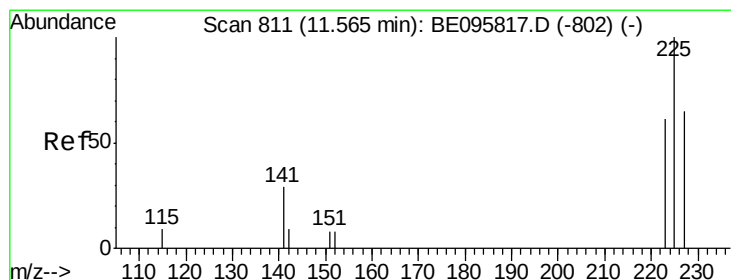
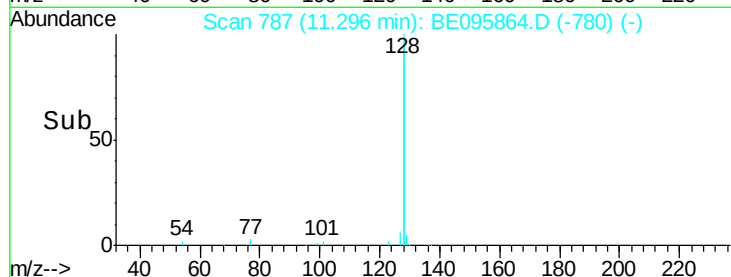
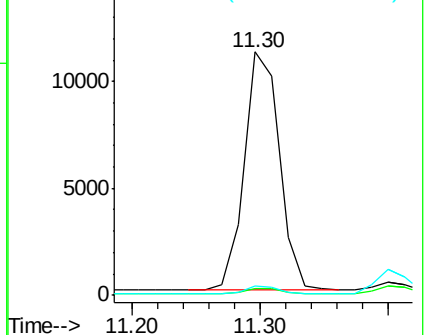
127 3.7 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.417 ng

RT: 11.56 min Scan# 810

Delta R.T. -0.01 min

Lab File: BE095864.D

Acq: 27 Mar 2018 6:31

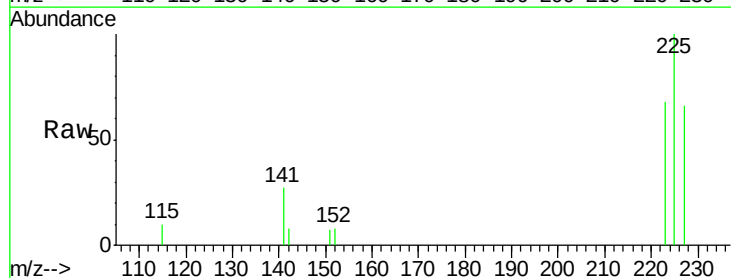
Tgt Ion:225 Resp: 1492

Ion Ratio Lower Upper

225 100

223 61.5 53.0 79.6

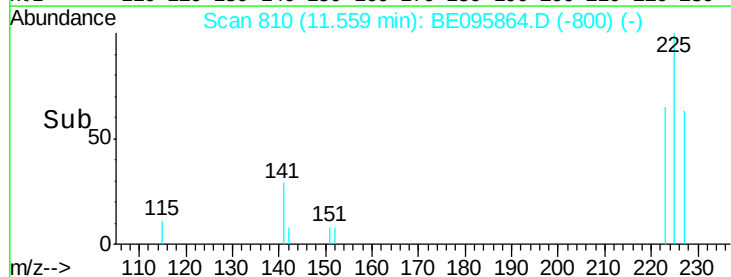
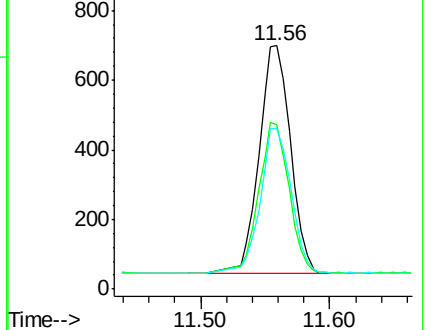
227 60.5 51.4 77.2

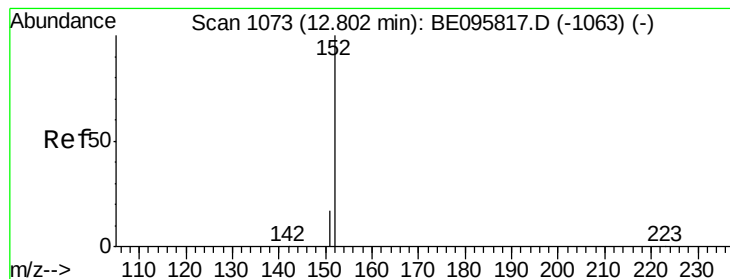


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.408 ng

RT: 12.79 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BE095864.D

Acq: 27 Mar 2018 6:31

Instrument :

BNA_E

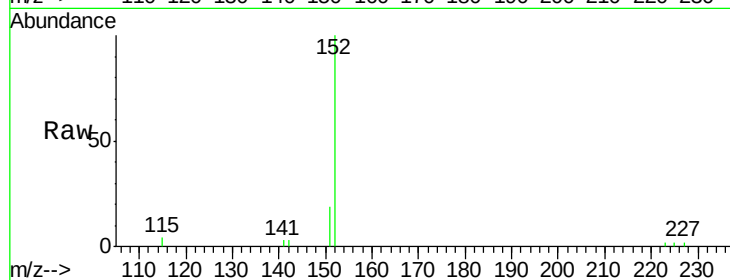
ClientSampleId :

Tot Ion:152 Resp: 3108

Ion Ratio Lower Upper

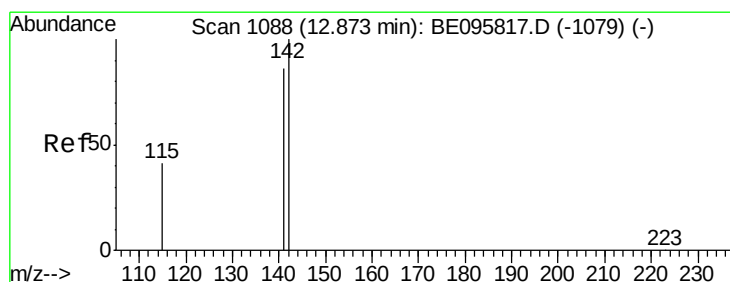
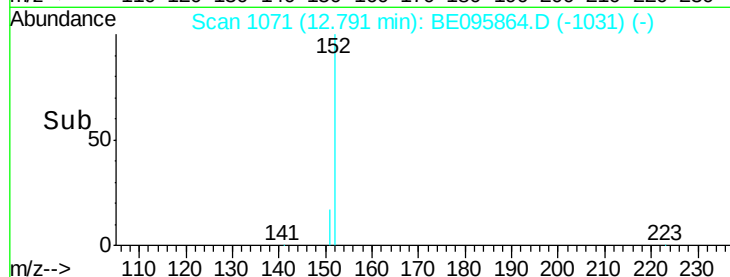
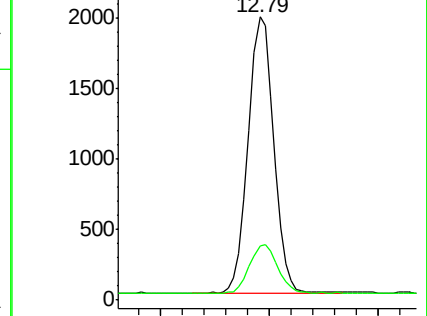
152 100

151 19.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.420 ng

RT: 12.86 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BE095864.D

Acq: 27 Mar 2018 6:31

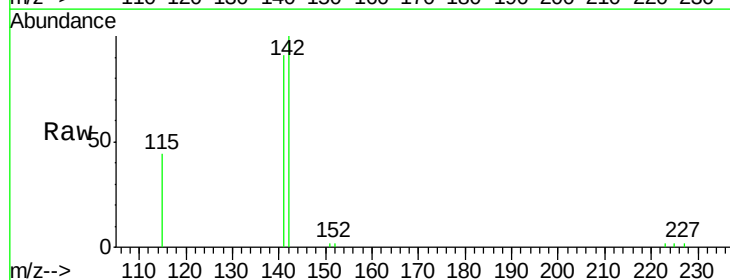
Tgt Ion:142 Resp: 3736

Ion Ratio Lower Upper

142 100

141 90.9 70.4 105.6

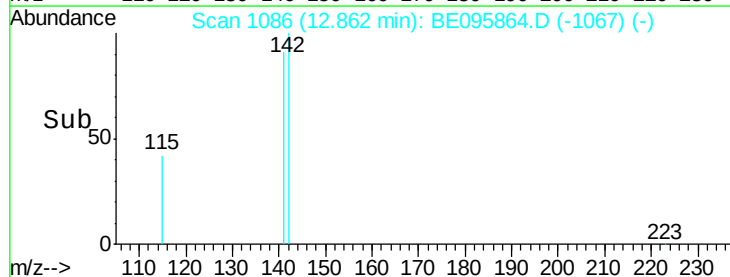
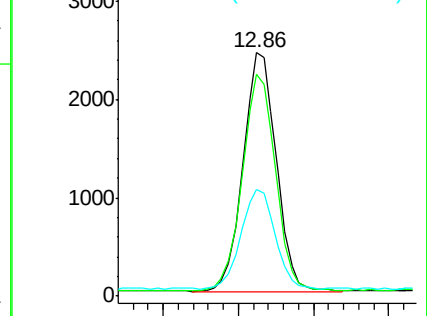
115 44.0 31.7 47.5

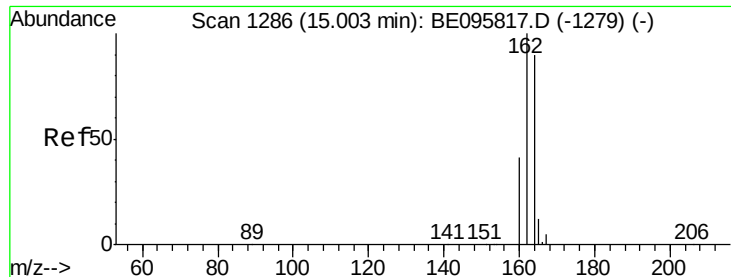


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BE095864.D

Acq: 27 Mar 2018 6:31

Instrument :

BNA_E

ClientSampleId :

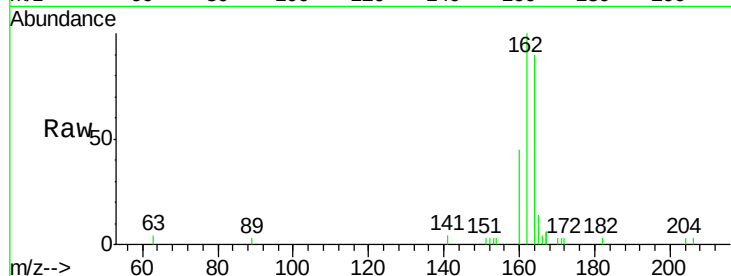
Tot Ion:164 Resp: 2809

Ion Ratio Lower Upper

164 100

162 111.2 83.1 124.7

160 50.5 37.1 55.7

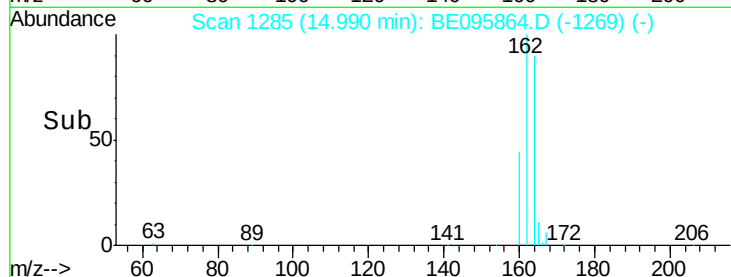


Abundance Ion 164.00 (163.70 to 164.70): E

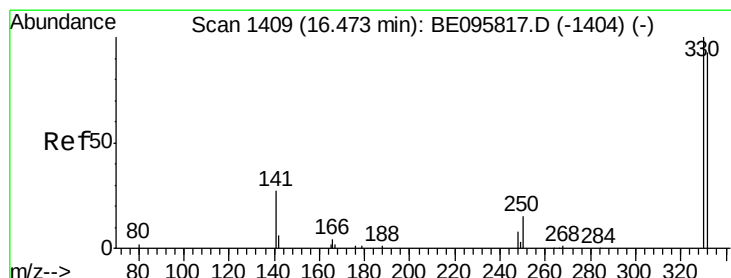
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



Time-->



#14

2,4,6-Tribromophenol

Concen: 0.440 ng

RT: 16.46 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BE095864.D

Acq: 27 Mar 2018 6:31

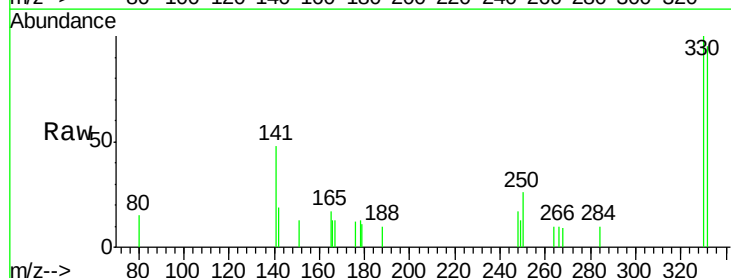
Tgt Ion:330 Resp: 713

Ion Ratio Lower Upper

330 100

332 97.6 152.7 229.1#

141 47.4 33.7 50.5

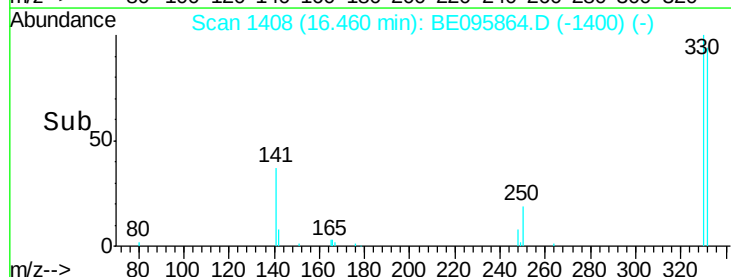


Abundance Ion 330.00 (329.70 to 330.70): E

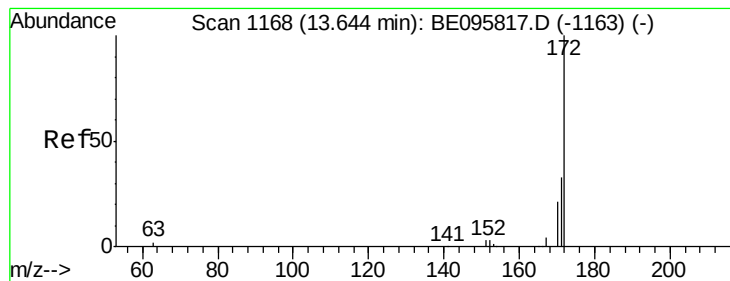
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->



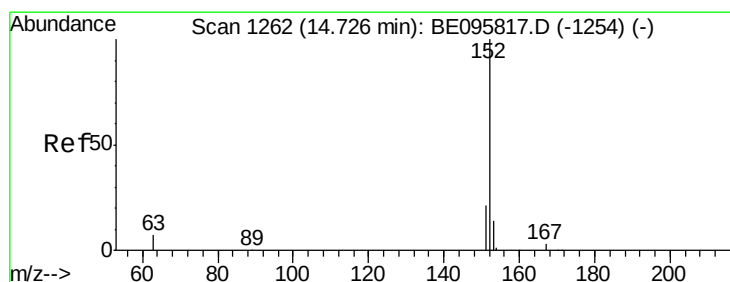
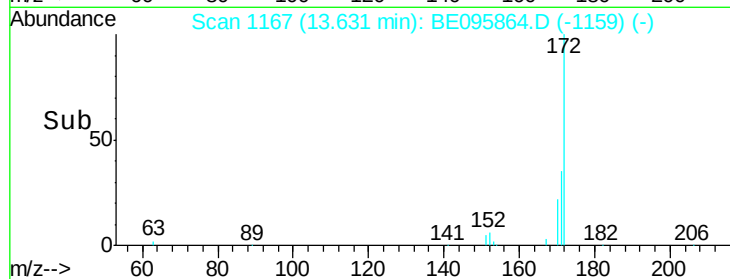
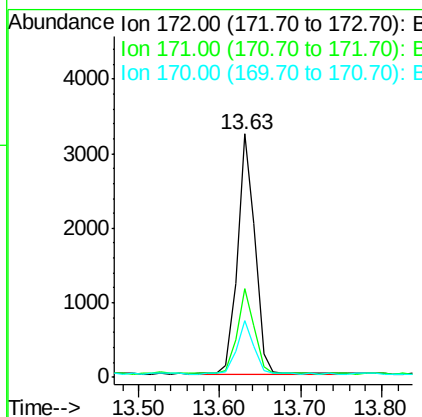
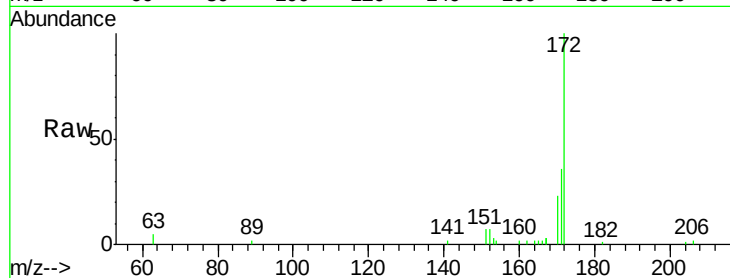
Time-->



#15
2-Fluorobiphenyl
Concen: 0.401 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095864.D
Acq: 27 Mar 2018 6:31

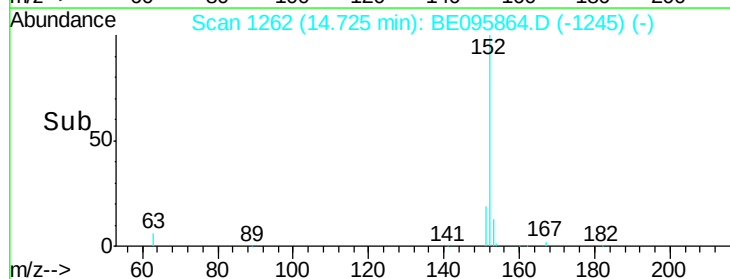
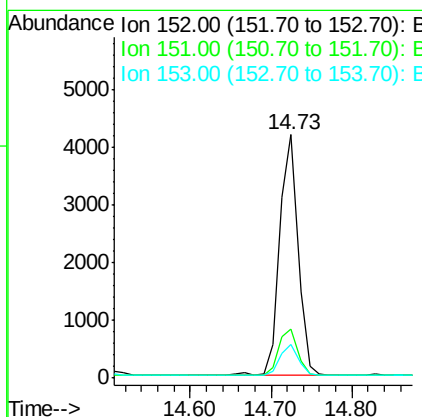
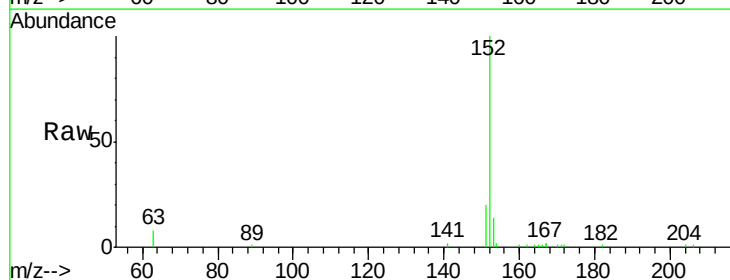
Instrument :
BNA_E
ClientSampleId :

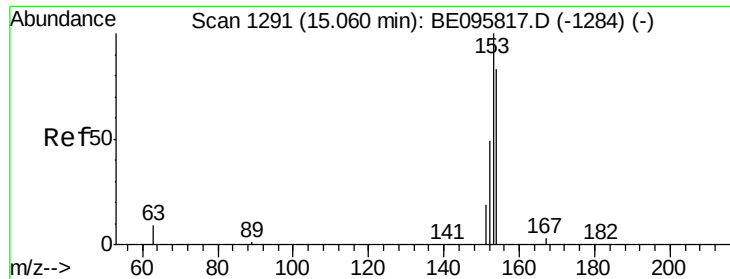
Tot Ion:172 Resp: 4750
Ion Ratio Lower Upper
172 100
171 36.4 29.9 44.9
170 23.2 21.8 32.8



#16
Acenaphthylene
Concen: 0.409 ng
RT: 14.73 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE095864.D
Acq: 27 Mar 2018 6:31

Tgt Ion:152 Resp: 6565
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 12.7 10.5 15.7

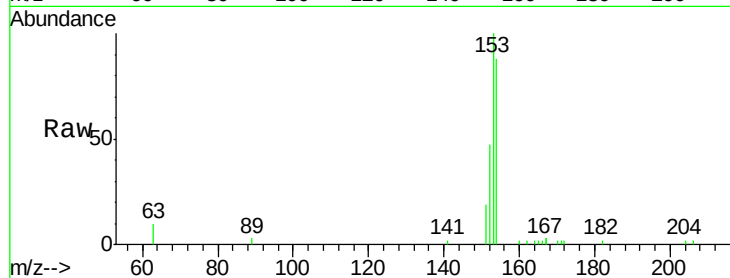




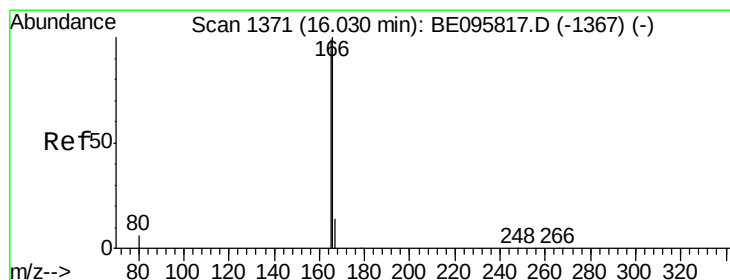
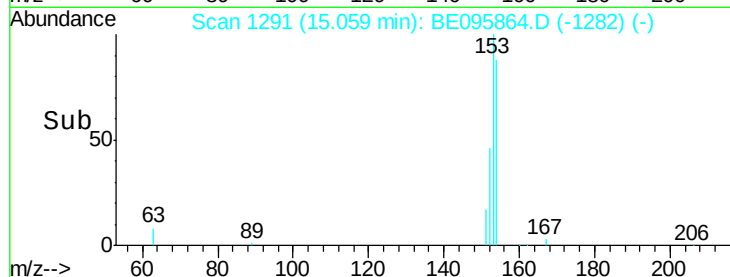
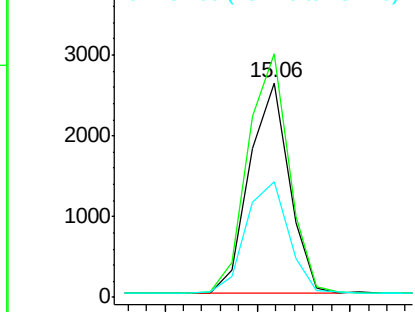
#17
Acenaphthene
Concen: 0.398 ng
RT: 15.06 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BE095864.D
Acq: 27 Mar 2018 6:31

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 3901
Ion Ratio Lower Upper
154 100
153 116.5 89.2 133.8
152 56.7 42.0 63.0

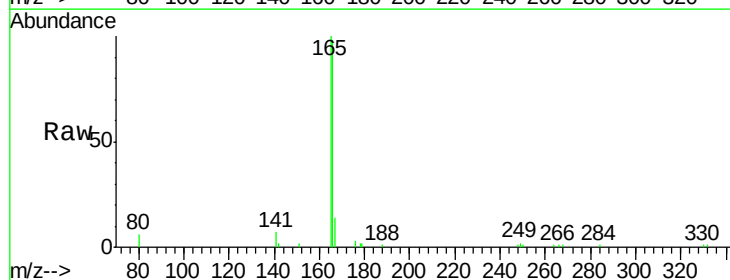


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

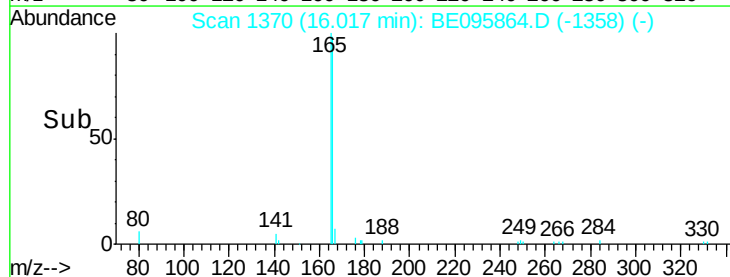
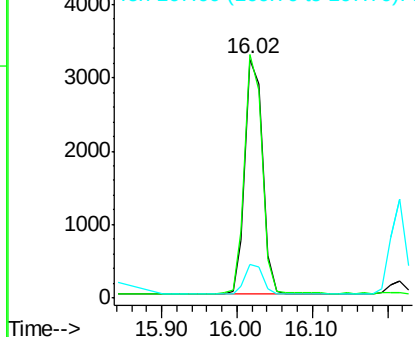


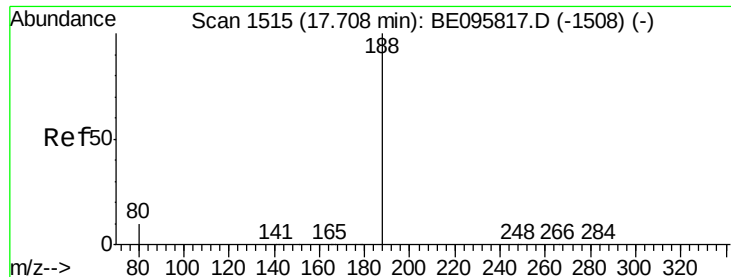
#18
Fluorene
Concen: 0.405 ng
RT: 16.02 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BE095864.D
Acq: 27 Mar 2018 6:31

Tgt Ion:166 Resp: 5215
Ion Ratio Lower Upper
166 100
165 100.6 77.8 116.6
167 13.8 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: 17.70 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BE095864.D

Acq: 27 Mar 2018 6:31

Instrument :

BNA_E

ClientSampleId :

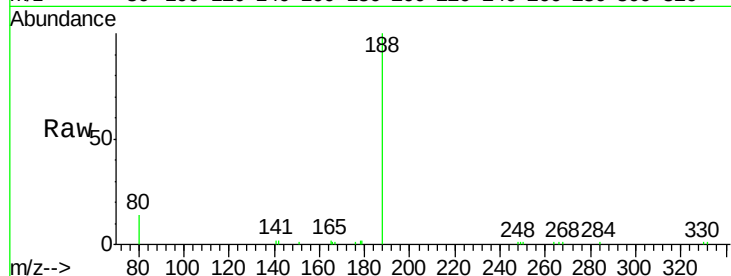
Tot Ion:188 Resp: 6977

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

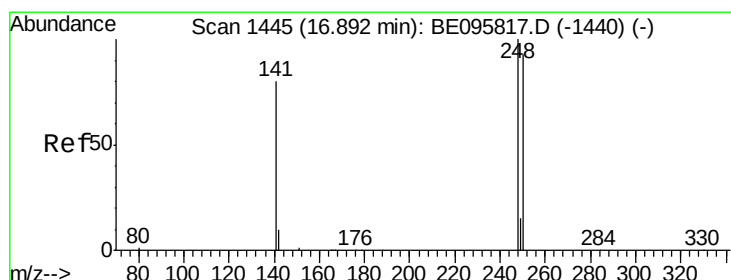
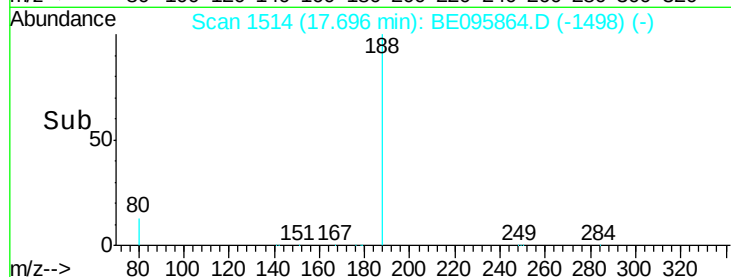
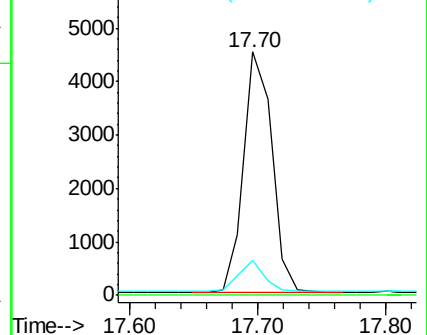
80 14.5 3.6 5.4#



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: 0.420 ng

RT: 16.89 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BE095864.D

Acq: 27 Mar 2018 6:31

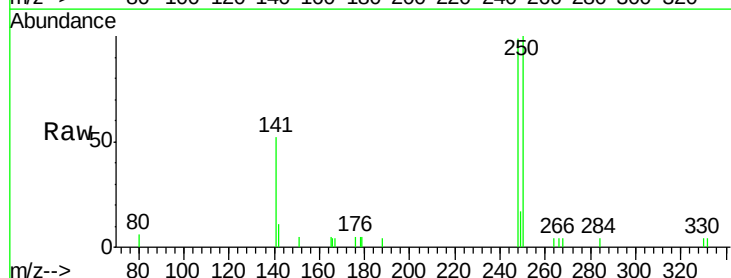
Tgt Ion:248 Resp: 1761

Ion Ratio Lower Upper

248 100

250 101.2 62.7 94.1#

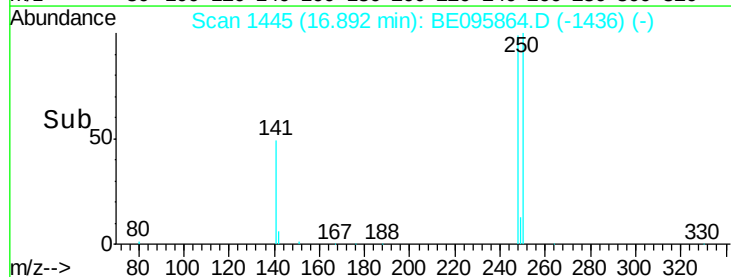
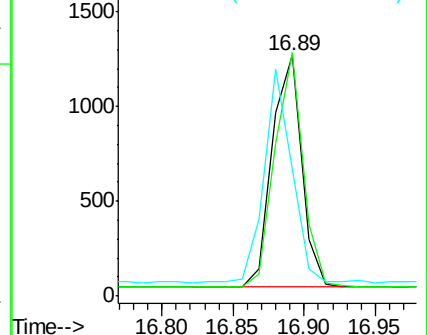
141 53.1 48.2 72.2

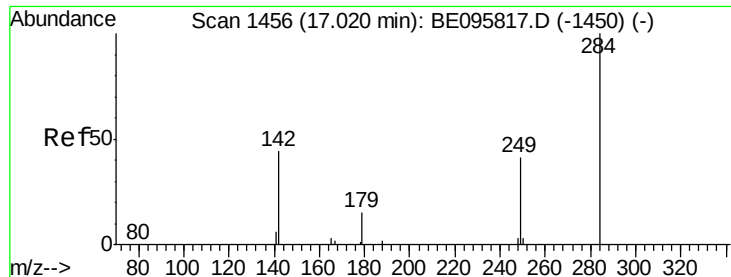


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

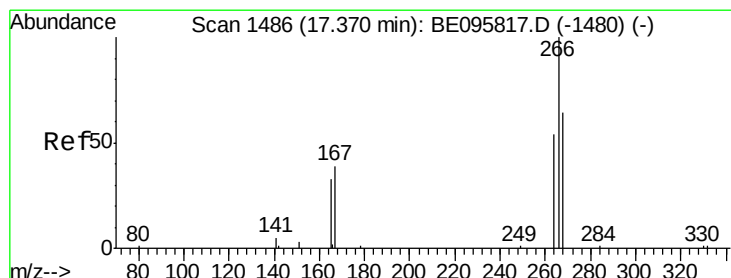
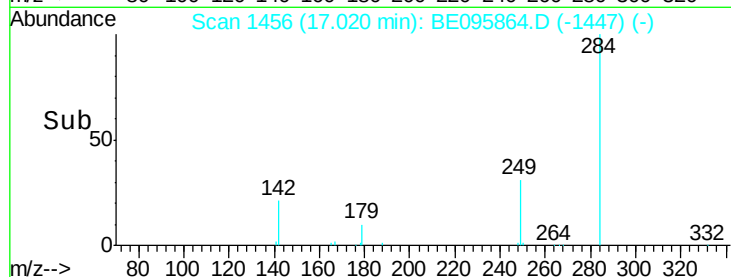
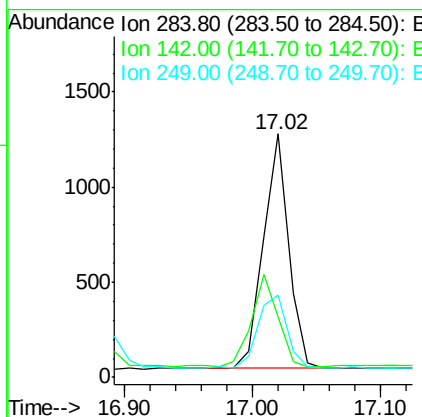
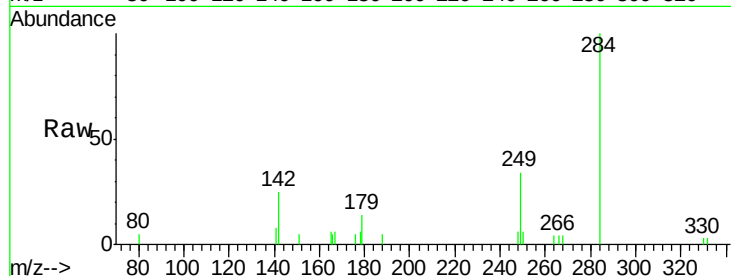




#21
Hexachlorobenzene
Concen: 0.411 ng
RT: 17.02 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE095864.D
Acq: 27 Mar 2018 6:31

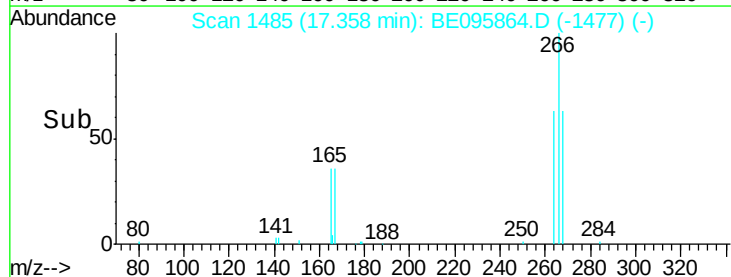
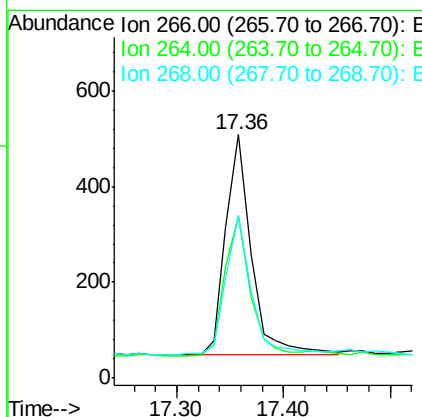
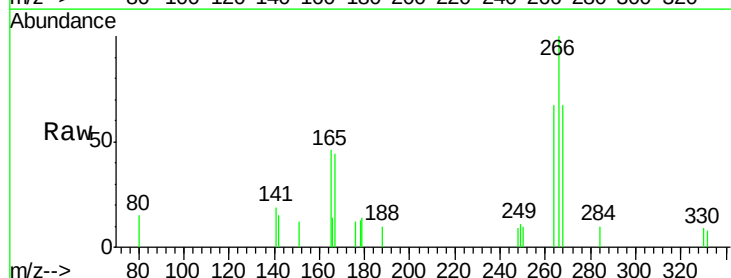
Instrument :
BNA_E
ClientSampleId :

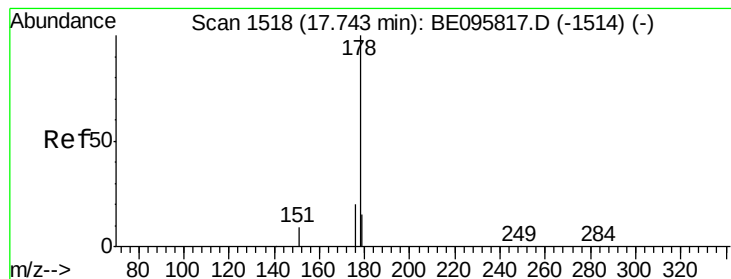
Tot Ion:284 Resp: 1720
Ion Ratio Lower Upper
284 100
142 39.5 22.1 33.1#
249 35.6 34.8 52.2



#22
Pentachlorophenol
Concen: 0.615 ng
RT: 17.36 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE095864.D
Acq: 27 Mar 2018 6:31

Tgt Ion:266 Resp: 766
Ion Ratio Lower Upper
266 100
264 66.5 72.5 108.7#
268 66.9 73.8 110.6#





#23

Phenanthrene

Concen: 0.415 ng

RT: 17.74 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BE095864.D

Acq: 27 Mar 2018 6:31

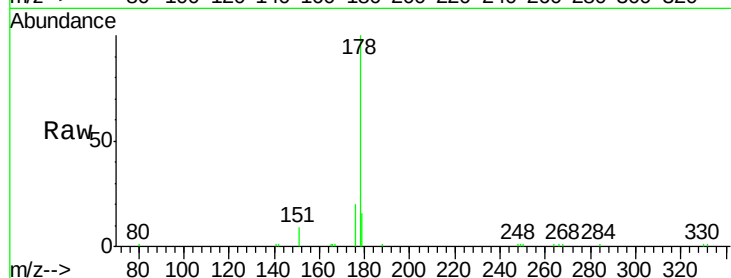
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 8676

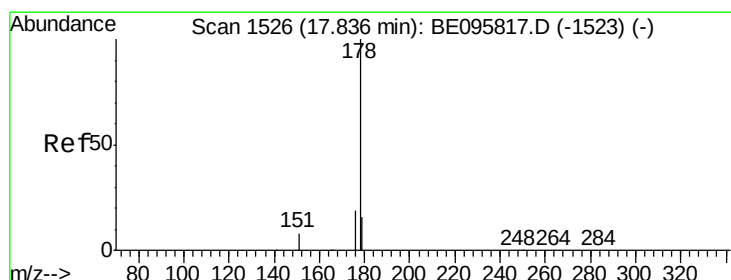
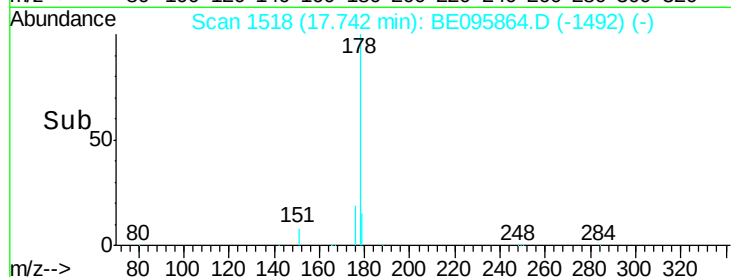
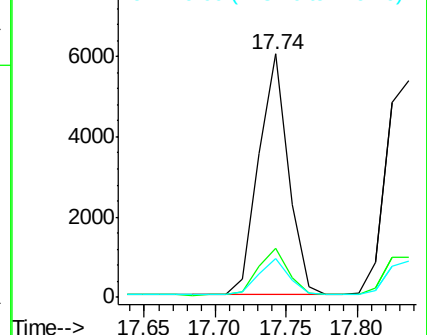
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.1	22.7
179	15.1	11.8	17.6



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



#24

Anthracene

Concen: 0.415 ng

RT: 17.84 min Scan# 1526

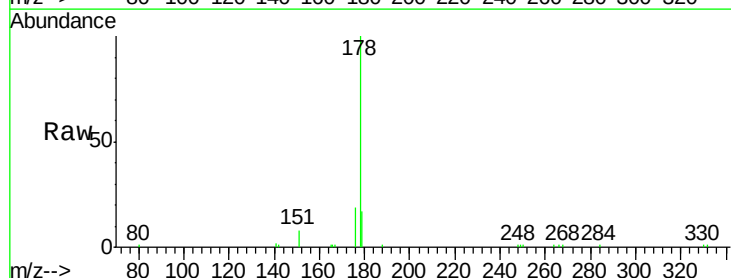
Delta R.T. -0.00 min

Lab File: BE095864.D

Acq: 27 Mar 2018 6:31

Tgt Ion:178 Resp: 8668

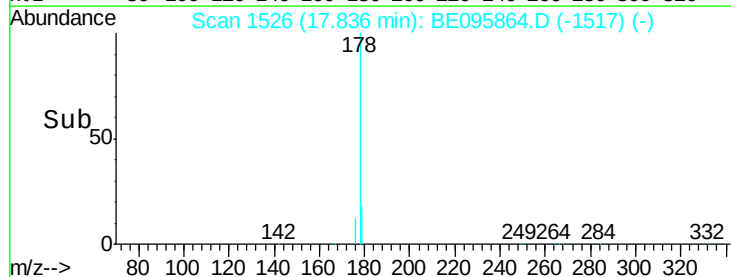
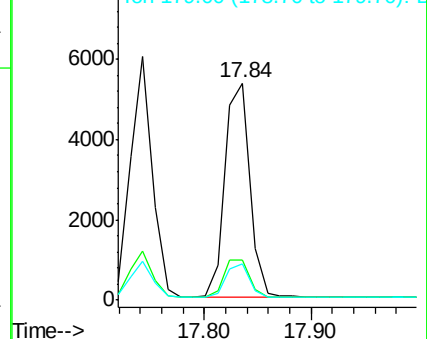
Ion	Ratio	Lower	Upper
178	100		
176	18.6	12.8	19.2
179	15.4	13.0	19.6

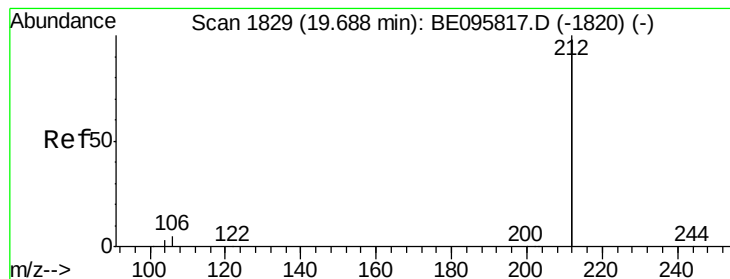


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.399 ng

RT: 19.68 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BE095864.D

Acq: 27 Mar 2018 6:31

Instrument :

BNA_E

ClientSampleId :

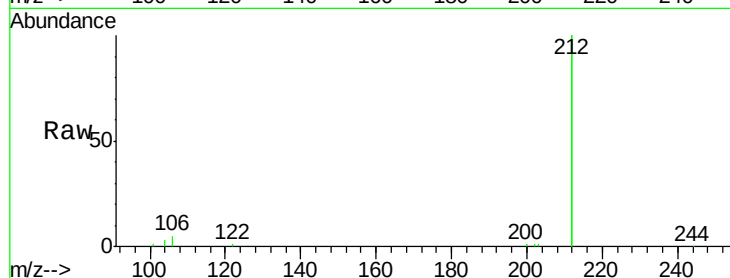
Tot Ion:212 Resp: 41349

Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2

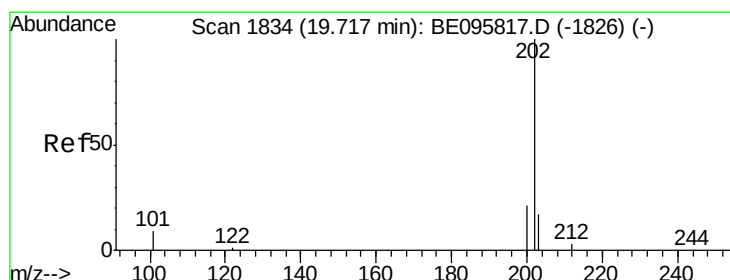
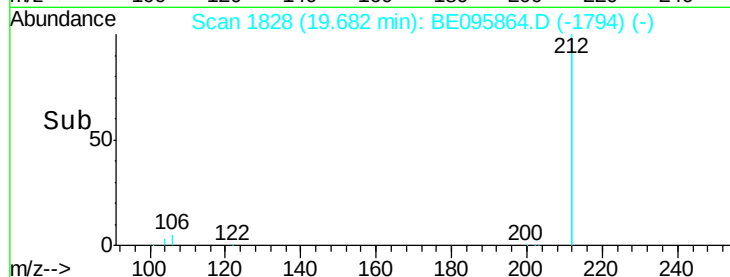
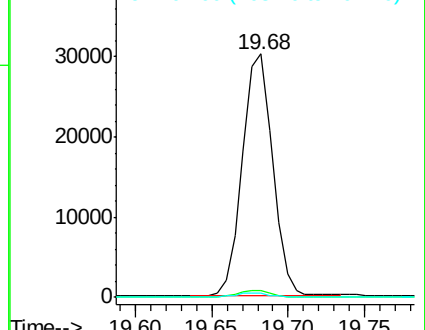
104 1.6 1.6 2.4



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: 0.403 ng

RT: 19.71 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BE095864.D

Acq: 27 Mar 2018 6:31

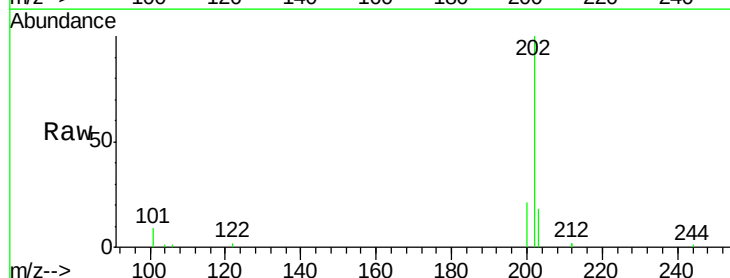
Tgt Ion:202 Resp: 11705

Ion Ratio Lower Upper

202 100

101 9.9 9.8 14.8

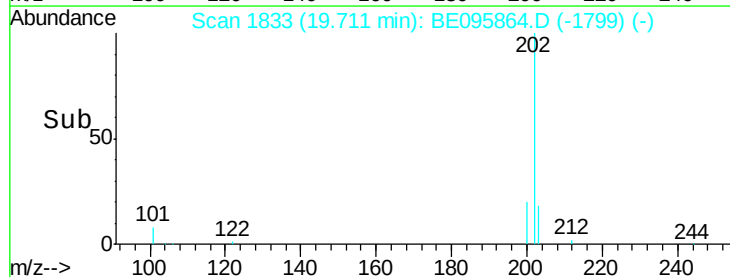
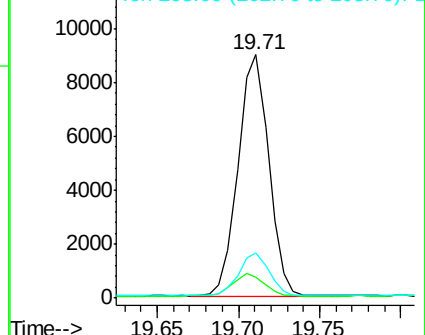
203 17.3 13.7 20.5

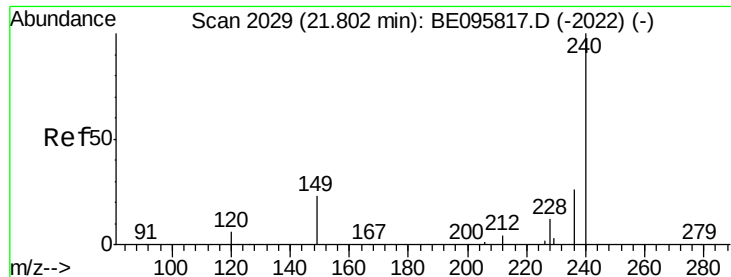


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE095864.D

Acq: 27 Mar 2018 6:31

Instrument :

BNA_E

ClientSampleId :

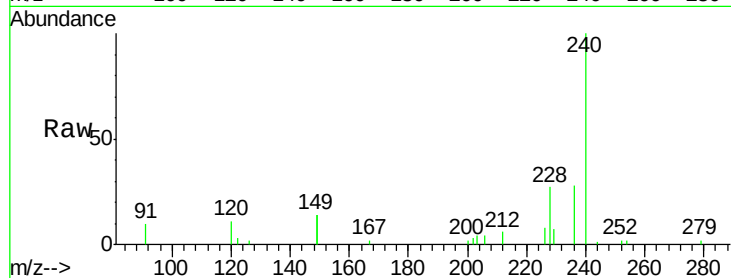
Tot Ion:240 Resp: 7872

Ion Ratio Lower Upper

240 100

120 10.6 5.5 8.3#

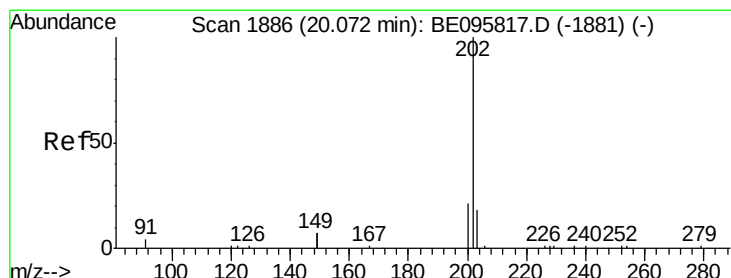
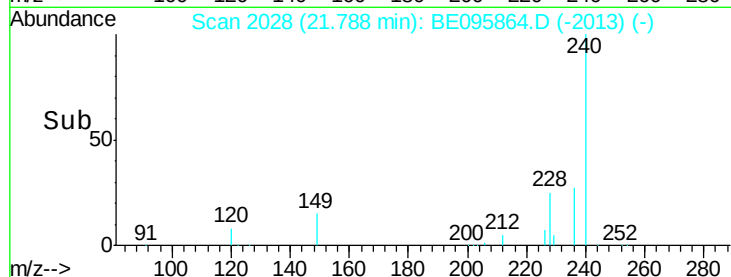
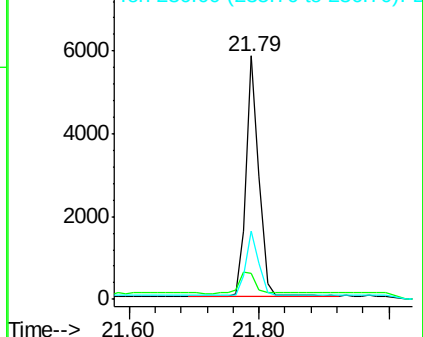
236 28.2 20.7 31.1



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: 0.473 ng

RT: 20.06 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BE095864.D

Acq: 27 Mar 2018 6:31

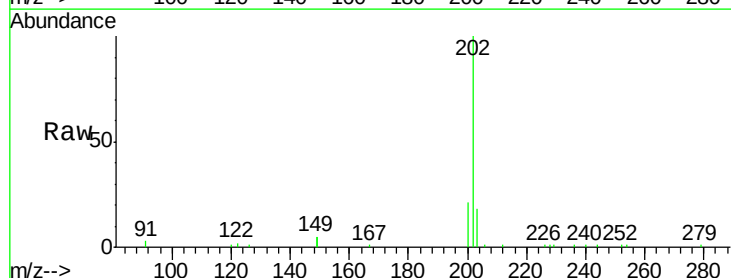
Tgt Ion:202 Resp: 15159

Ion Ratio Lower Upper

202 100

200 19.7 16.6 25.0

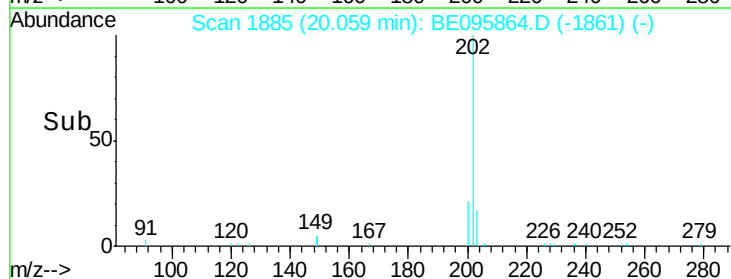
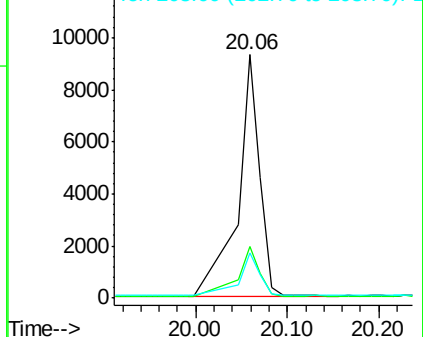
203 14.6 13.8 20.8

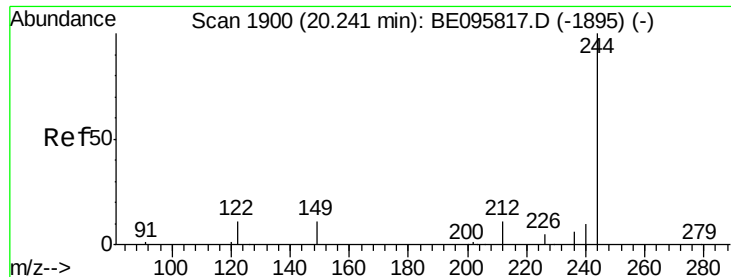


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.411 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BE095864.D

Acq: 27 Mar 2018 6:31

Instrument :

BNA_E

ClientSampleId :

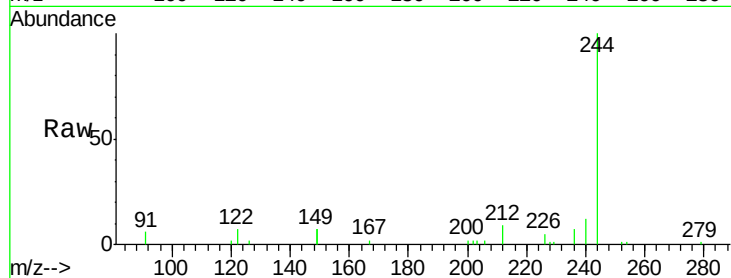
Tot Ion:244 Resp: 6874

Ion Ratio Lower Upper

244 100

212 8.9 25.4 38.0#

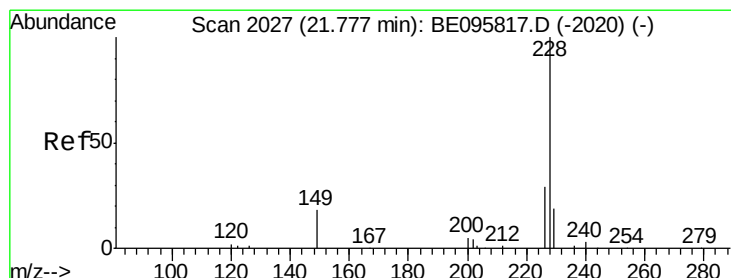
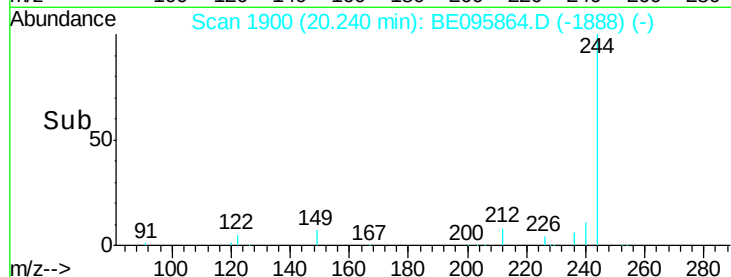
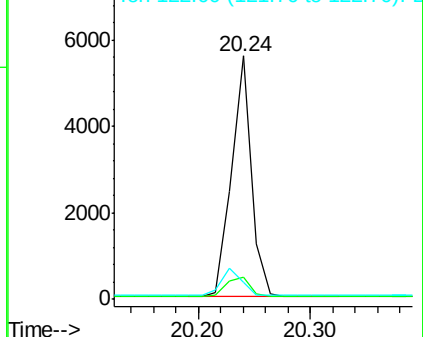
122 6.8 8.1 12.1#



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: 0.411 ng

RT: 21.78 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE095864.D

Acq: 27 Mar 2018 6:31

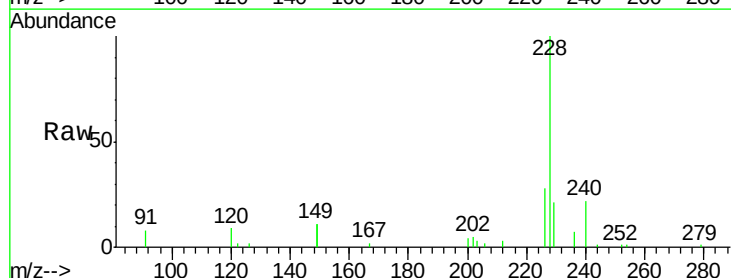
Tgt Ion:228 Resp: 11227

Ion Ratio Lower Upper

228 100

226 27.9 24.0 36.0

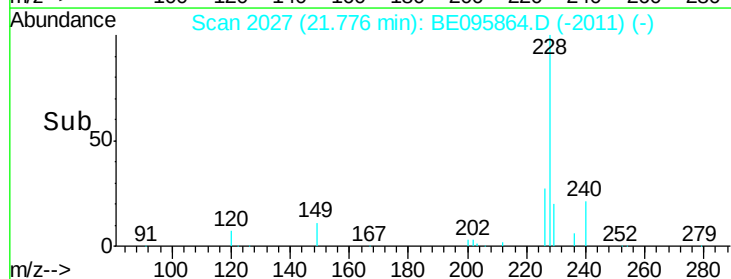
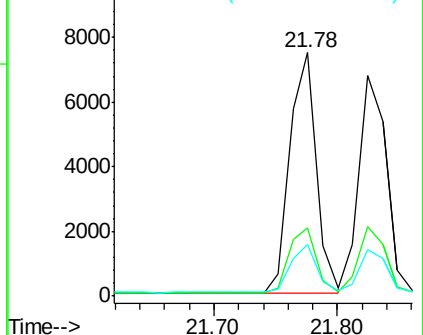
229 21.0 16.0 24.0

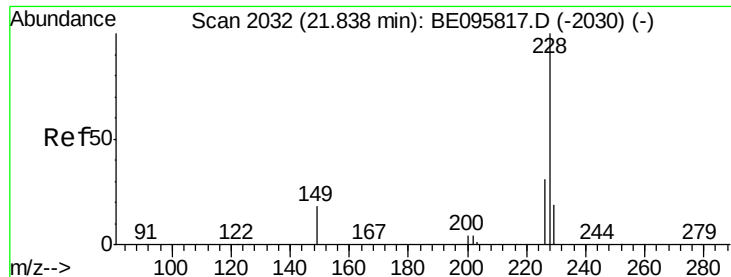


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.417 ng

RT: 21.82 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BE095864.D

Acq: 27 Mar 2018 6:31

Instrument :

BNA_E

ClientSampled :

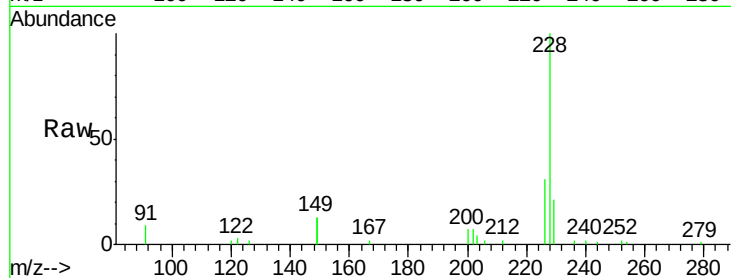
Tot Ion:228 Resp: 10391

Ion Ratio Lower Upper

228 100

226 31.3 24.0 36.0

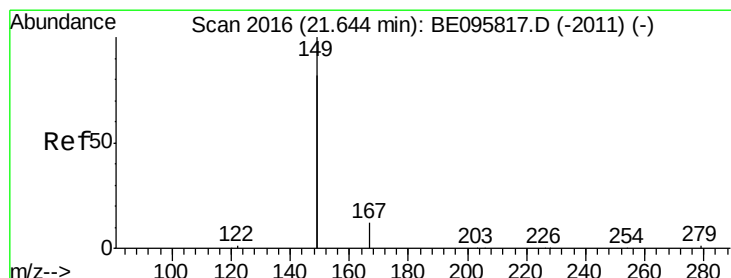
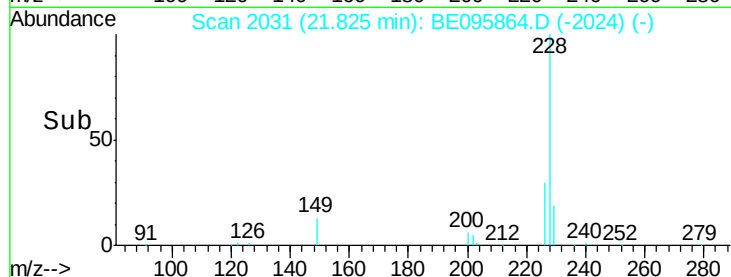
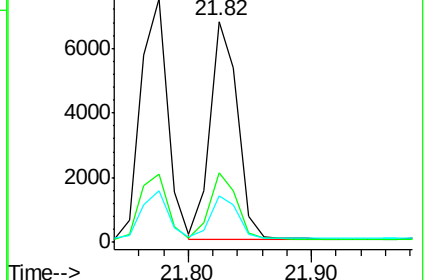
229 21.0 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.374 ng

RT: 21.64 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BE095864.D

Acq: 27 Mar 2018 6:31

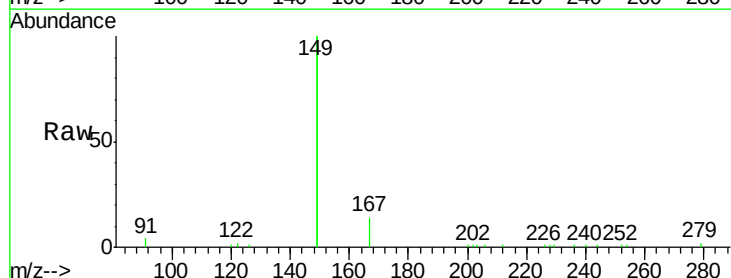
Tgt Ion:149 Resp: 31241

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

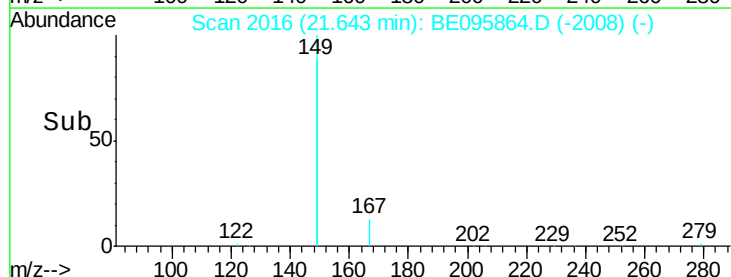
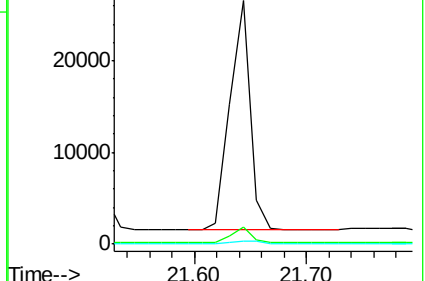
279 0.9 0.7 1.1

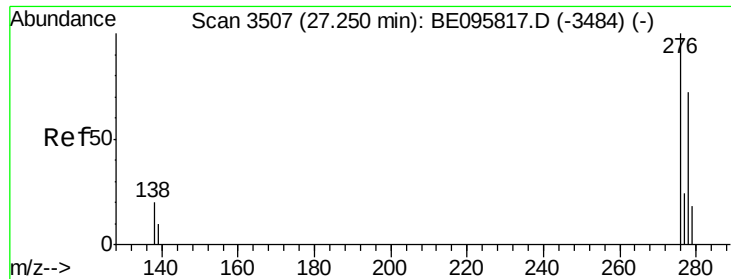


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.412 ng

RT: 27.22 min Scan# 3499

Delta R.T. -0.03 min

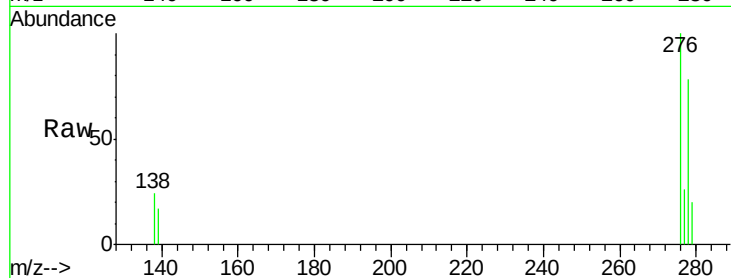
Lab File: BE095864.D

Acq: 27 Mar 2018 6:31

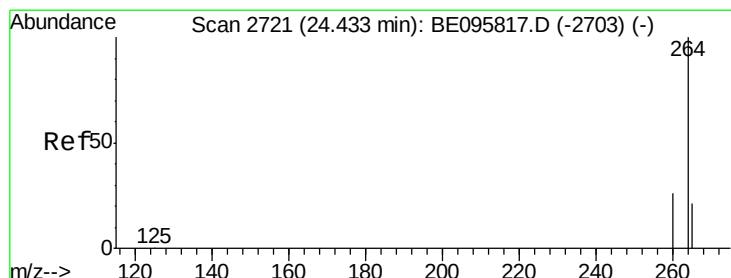
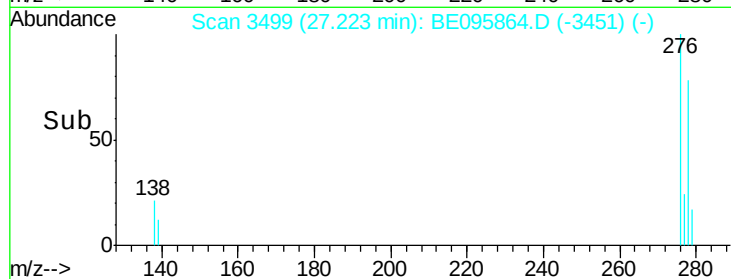
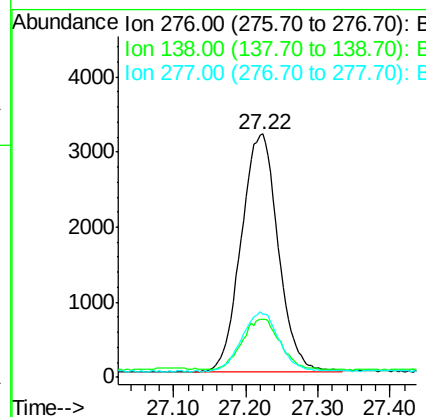
Instrument :

BNA_E

ClientSampleId :



Tot Ion:276	Resp:	11052
Ion Ratio	Lower	Upper
276	100	
138	21.7	22.5 33.7#
277	24.7	19.9 29.9



#34

Perylene-d12

Concen: 0.400 ng

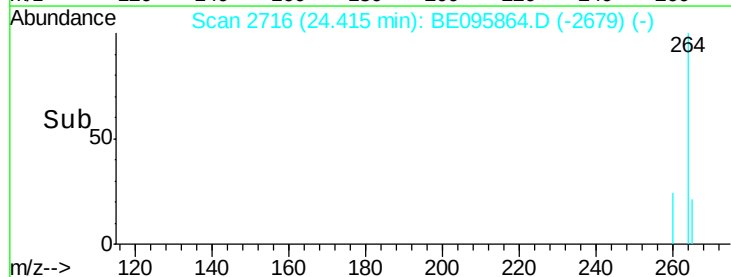
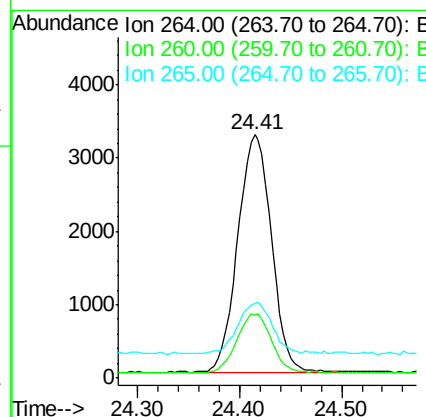
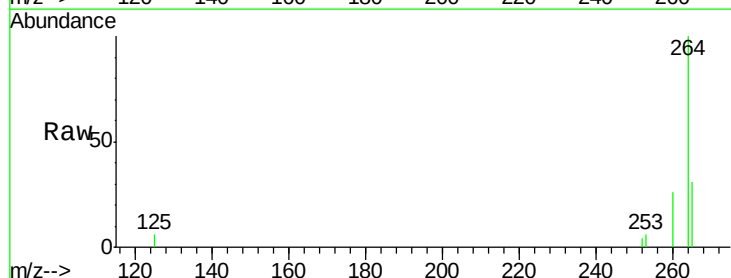
RT: 24.41 min Scan# 2716

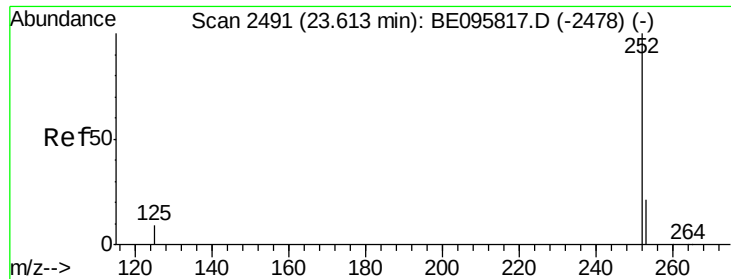
Delta R.T. -0.02 min

Lab File: BE095864.D

Acq: 27 Mar 2018 6:31

Tgt Ion:264	Resp:	7499
Ion Ratio	Lower	Upper
264	100	
260	26.0	20.5 30.7
265	30.6	22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.418 ng

RT: 23.60 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BE095864.D

Acq: 27 Mar 2018 6:31

Instrument :

BNA_E

ClientSampleId :

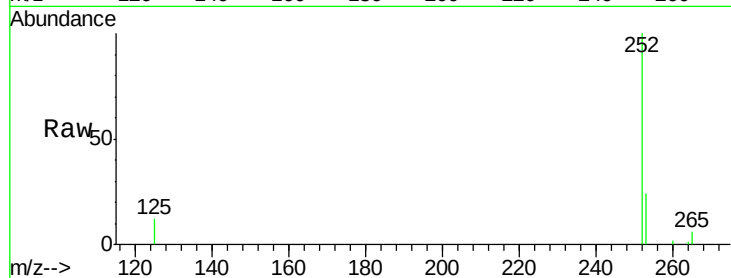
Tot Ion:252 Resp: 10378

Ion Ratio Lower Upper

252 100

253 24.2 20.0 30.0

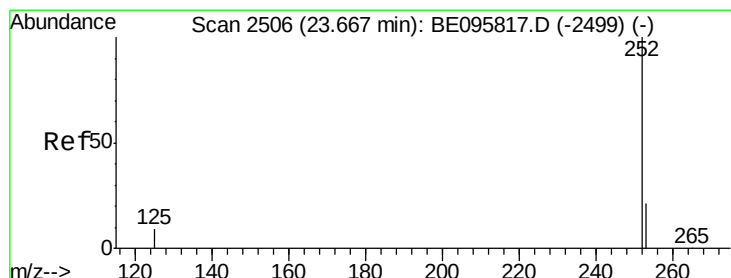
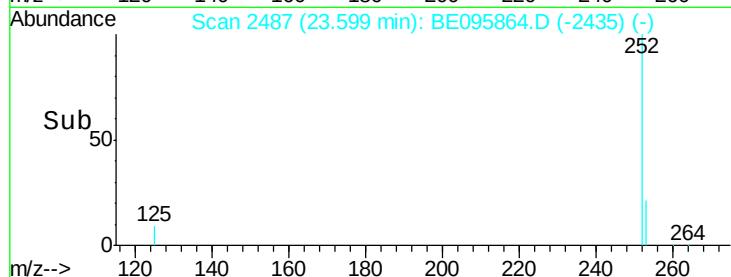
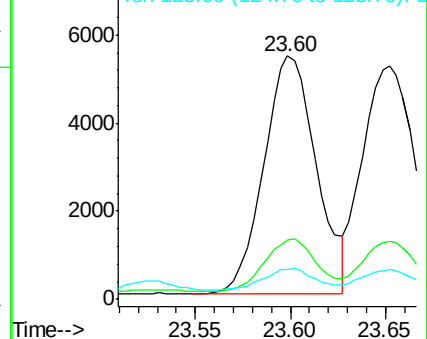
125 12.4 16.0 24.0#



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: 0.406 ng

RT: 23.65 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BE095864.D

Acq: 27 Mar 2018 6:31

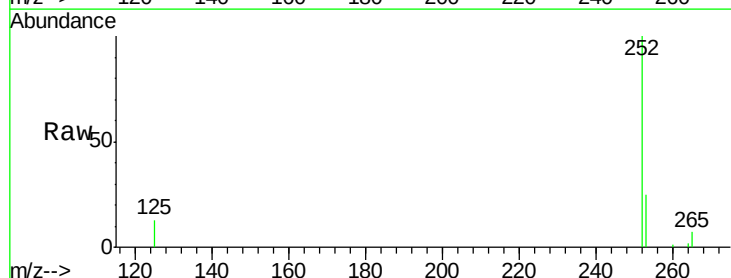
Tgt Ion:252 Resp: 10079

Ion Ratio Lower Upper

252 100

253 24.7 16.0 24.0#

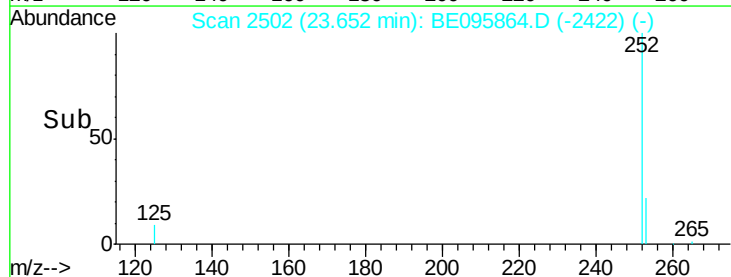
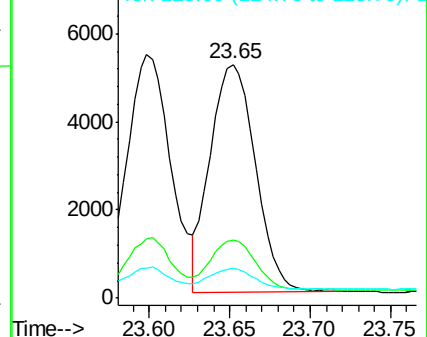
125 12.9 8.0 12.0#

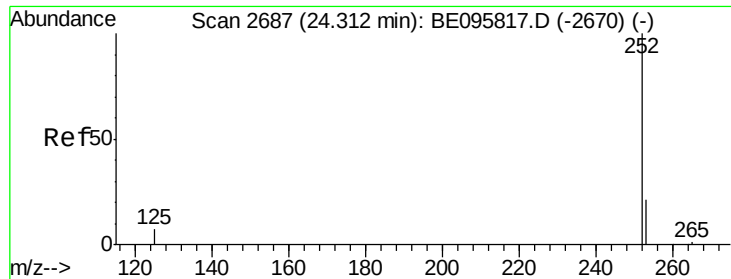


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.411 ng

RT: 24.30 min Scan# 2683

Delta R.T. -0.01 min

Lab File: BE095864.D

Acq: 27 Mar 2018 6:31

Instrument :

BNA_E

ClientSampleId :

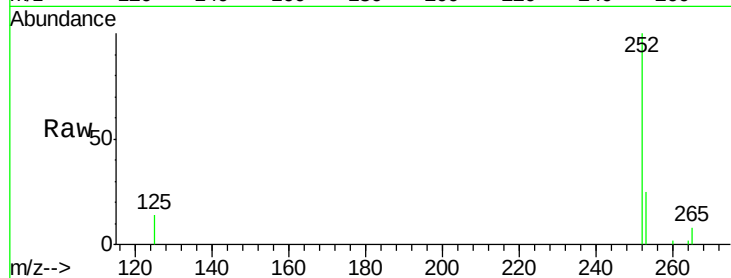
Tot Ion:252 Resp: 9560

Ion Ratio Lower Upper

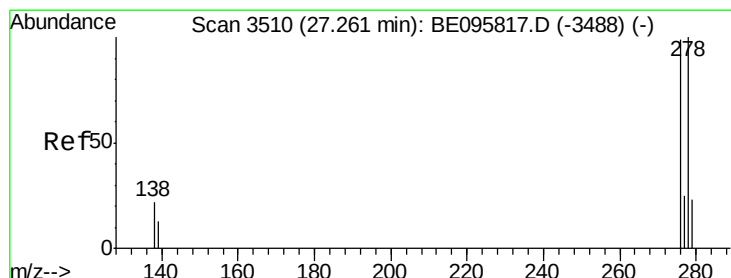
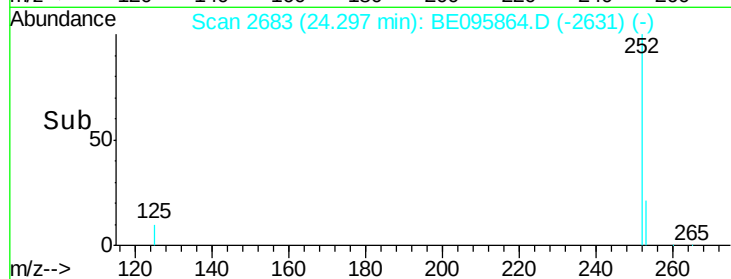
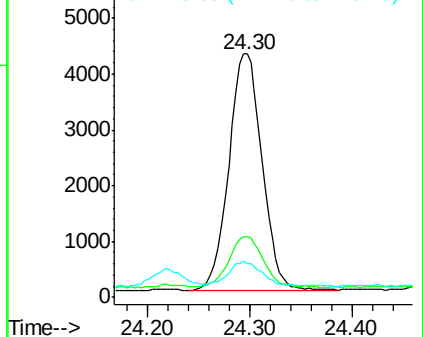
252 100

253 24.9 16.0 24.0#

125 14.0 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: 0.417 ng

RT: 27.23 min Scan# 3502

Delta R.T. -0.03 min

Lab File: BE095864.D

Acq: 27 Mar 2018 6:31

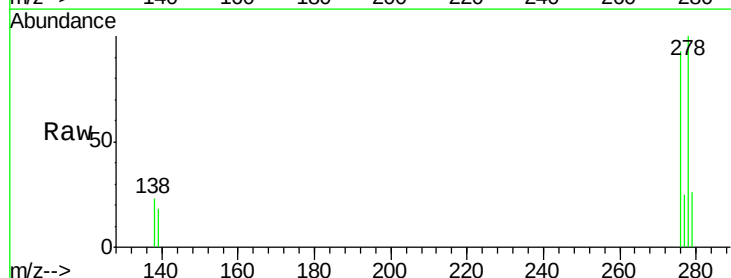
Tgt Ion:278 Resp: 9202

Ion Ratio Lower Upper

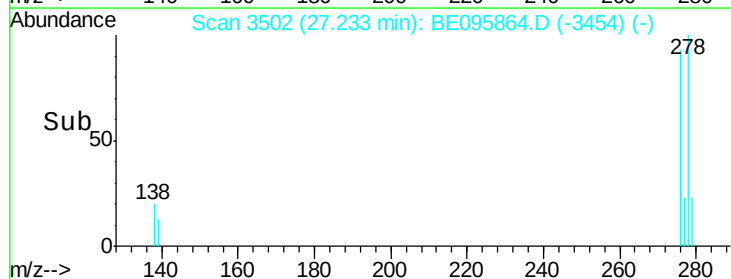
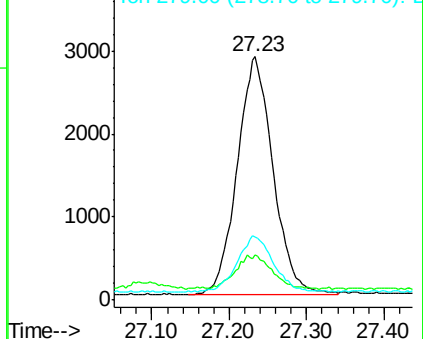
278 100

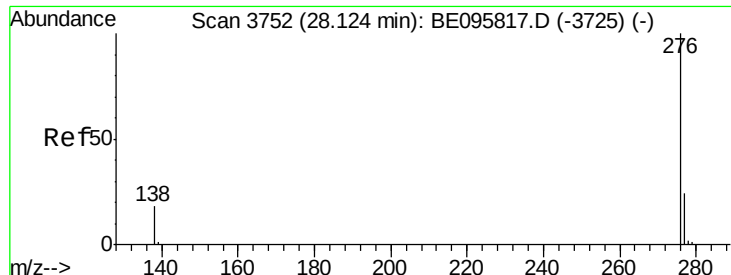
139 18.4 16.0 24.0

279 25.8 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: 0.414 ng

RT: 28.09 min Scan# 3743

Delta R.T. -0.03 min

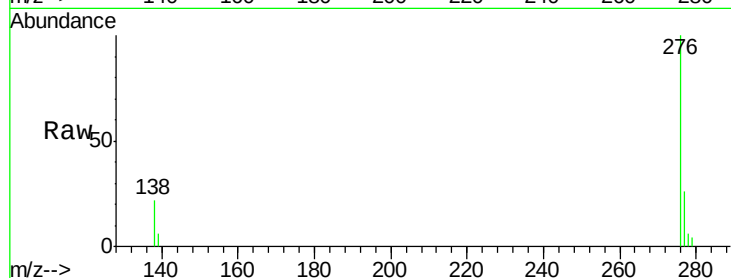
Lab File: BE095864.D

Acq: 27 Mar 2018 6:31

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 9176

Ion Ratio Lower Upper

276 100

277 26.0 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

