

Data Path : Z:\HPCHEM1\BNA E\DATA\BE043018\
 Data File : BE096249.D
 Acq On : 1 May 2018 7:31
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 01 11:52:18 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 14:27:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	730	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	2792	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1518	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	3589	0.40	ng	0.00
27) Chrysene-d12	21.75	240	3612	0.40	ng	0.01
34) Perylene-d12	24.35	264	3398	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.88	112	845	0.37	ng	0.01
5) Phenol-d6	7.52	99	1201	0.39	ng	0.01
8) Nitrobenzene-d5	9.45	82	115	0.04	ng	-0.09
11) 2-Methylnaphthalene-d10	12.74	152	1646	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	255	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	2570	0.40	ng	0.00
25) Fluoranthene-d10	19.64	212	17180	0.35	ng	0.00
29) Terphenyl-d14	20.19	244	3014	0.38	ng	0.00

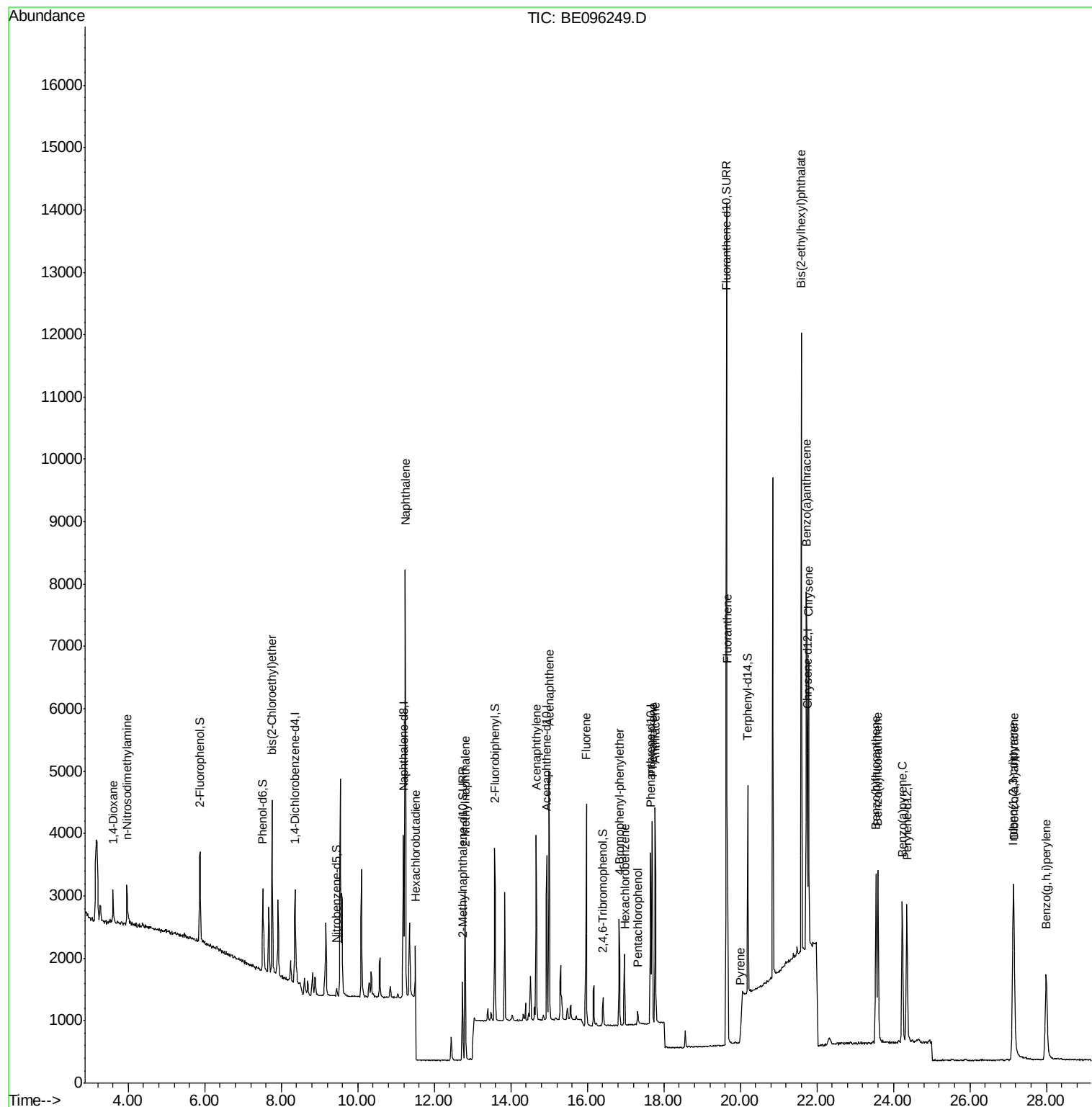
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.61	88	397	0.352	ng	91
3) n-Nitrosodimethylamine	3.97	42	528	0.382	ng	# 77
6) bis(2-Chloroethyl)ether	7.76	93	1005	0.367	ng	92
9) Naphthalene	11.24	128	11149	0.379	ng	99
10) Hexachlorobutadiene	11.50	225	300	0.230	ng	91
12) 2-Methylnaphthalene	12.81	142	1860	0.382	ng	95
16) Acenaphthylene	14.67	152	3198	0.395	ng	99
17) Acenaphthene	15.00	154	1908	0.392	ng	94
18) Fluorene	15.97	166	2371	0.393	ng	# 78
20) 4-Bromophenyl-phenylether	16.83	248	808	0.379	ng	# 70
21) Hexachlorobenzene	16.97	284	824	0.388	ng	# 80
22) Pentachlorophenol	17.31	266	136	0.274	ng	88
23) Phenanthrene	17.70	178	3901	0.387	ng	99
24) Anthracene	17.78	178	3693	0.383	ng	# 94
26) Fluoranthene	19.66	202	4805	0.363	ng	98
28) Pyrene	20.00	202	216	0.030	ng	# 80
30) Benzo(a)anthracene	21.73	228	4395	0.379	ng	97
31) Chrysene	21.79	228	4415	0.395	ng	98
32) Bis(2-ethylhexyl)phthalate	21.60	149	11567	0.387	ng	99
33) Indeno(1,2,3-cd)pyrene	27.13	276	4240	0.391	ng	95
35) Benzo(b)fluoranthene	23.55	252	4041	0.397	ng	# 94
36) Benzo(k)fluoranthene	23.60	252	4148	0.396	ng	# 87
37) Benzo(a)pyrene	24.23	252	3838	0.392	ng	# 90
38) Dibenzo(a,h)anthracene	27.15	278	3568	0.413	ng	93
39) Benzo(g,h,i)perylene	28.00	276	3554	0.389	ng	# 91

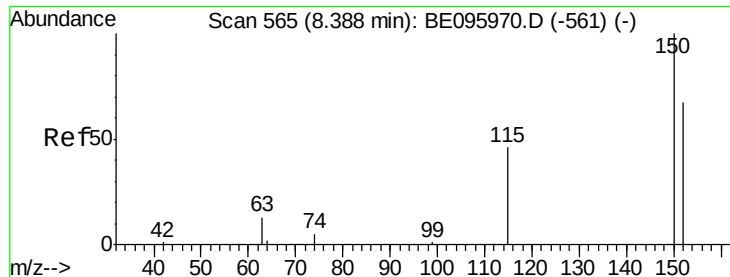
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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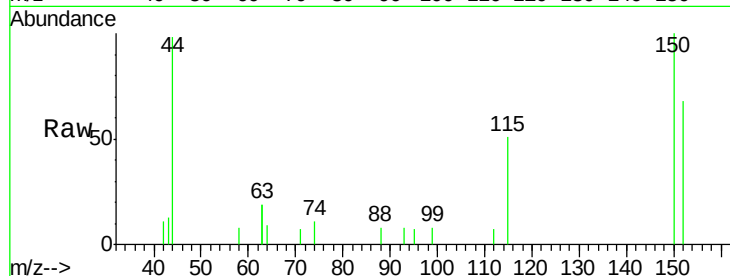


#1

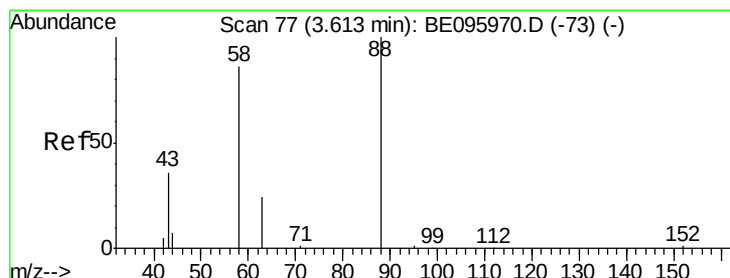
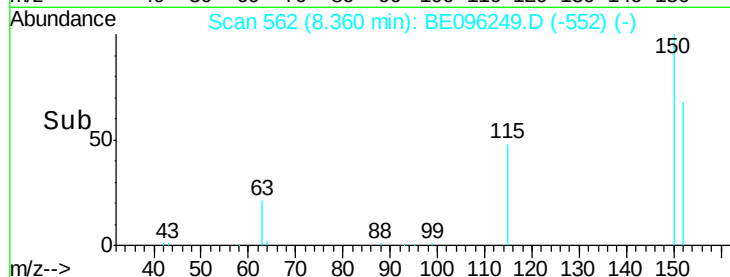
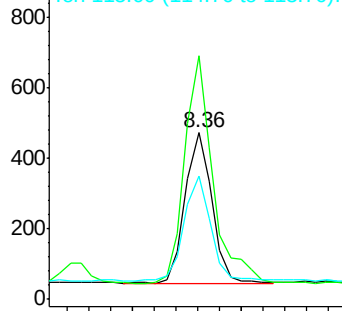
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. 0.00 min
Lab File: BE096249.D
Acq: 1 May 2018 7:31

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 730
Ion Ratio Lower Upper
152 100
150 146.4 117.2 175.8
115 73.9 57.0 85.6



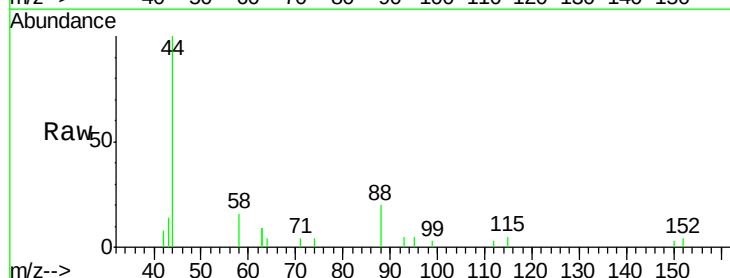
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



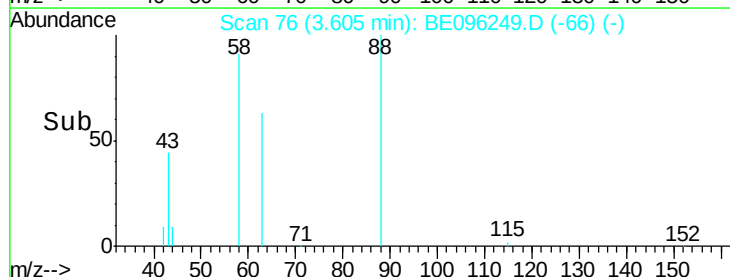
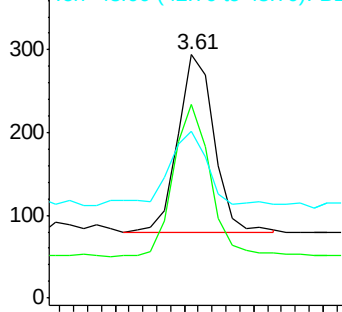
#2

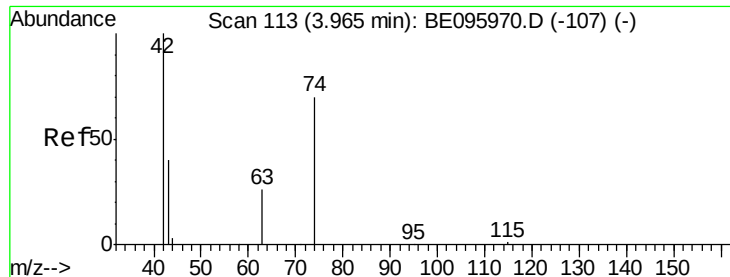
1,4-Dioxane
Concen: 0.352 ng
RT: 3.61 min Scan# 76
Delta R.T. 0.00 min
Lab File: BE096249.D
Acq: 1 May 2018 7:31

Tgt Ion: 88 Resp: 397
Ion Ratio Lower Upper
88 100
58 85.6 63.2 94.8
43 43.8 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



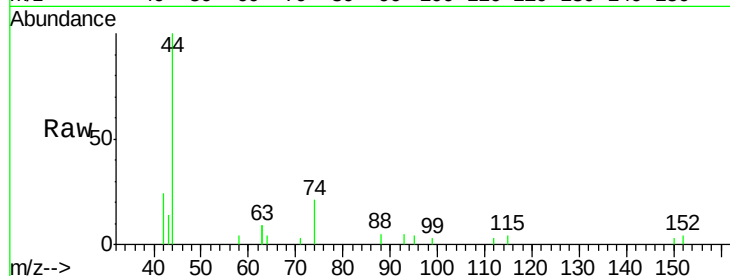


#3

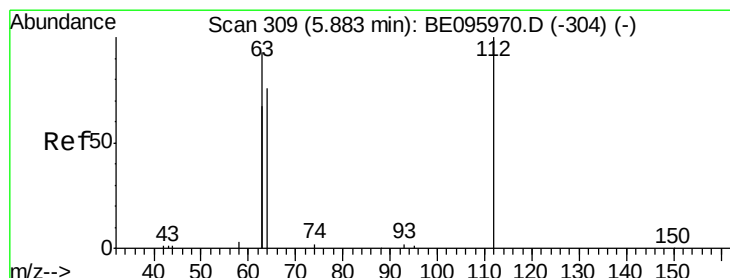
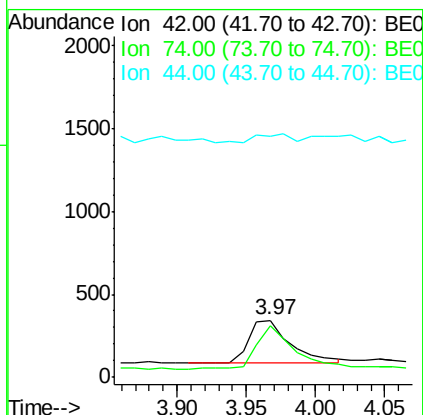
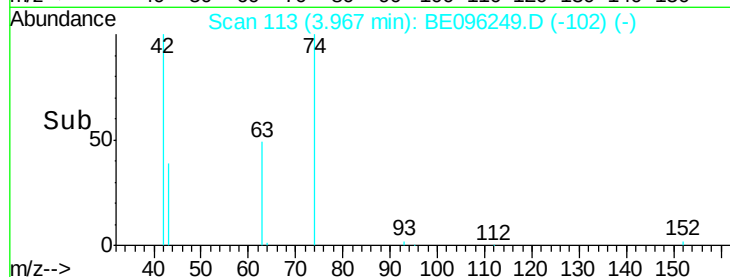
n-Nitrosodimethylamine
 Concen: 0.382 ng
 RT: 3.97 min Scan# 113
 Delta R.T. 0.01 min
 Lab File: BE096249.D
 Acq: 1 May 2018 7:31

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 528
 Ion Ratio Lower Upper
 42 100
 74 92.2 96.0 144.0#
 44 16.3 12.0 18.0



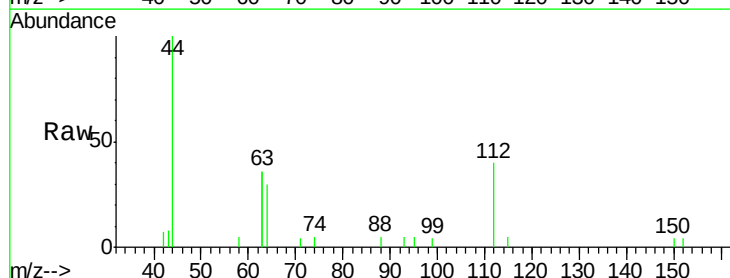
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



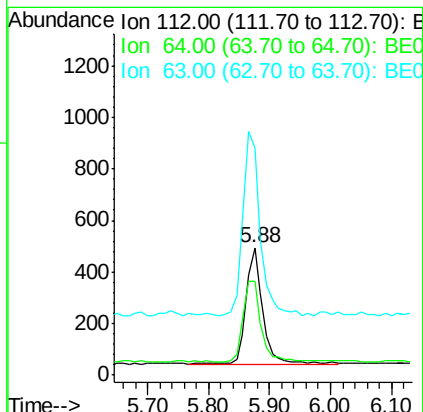
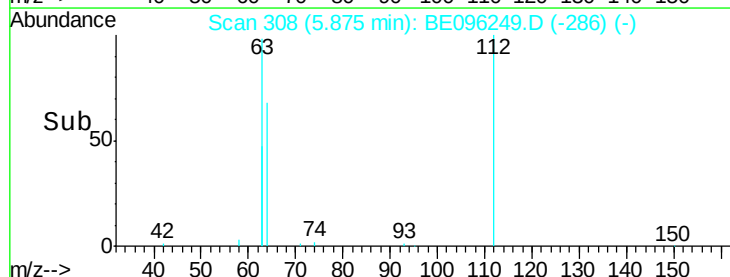
#4

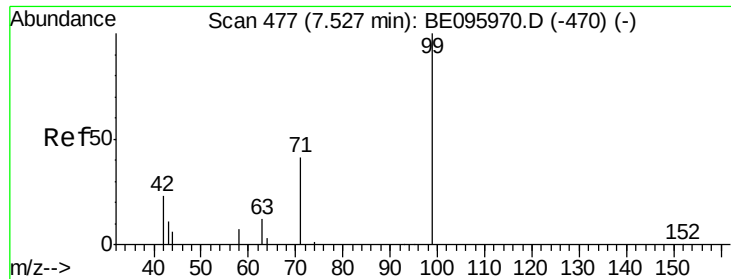
2-Fluorophenol
 Concen: 0.374 ng
 RT: 5.88 min Scan# 308
 Delta R.T. 0.01 min
 Lab File: BE096249.D
 Acq: 1 May 2018 7:31

Tgt Ion: 112 Resp: 845
 Ion Ratio Lower Upper
 112 100
 64 78.7 60.1 90.1
 63 164.9 116.8 175.2



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





#5

Phenol-d6

Concen: 0.386 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096249.D

Acq: 1 May 2018 7:31

Instrument :

BNA_E

ClientSampleId :

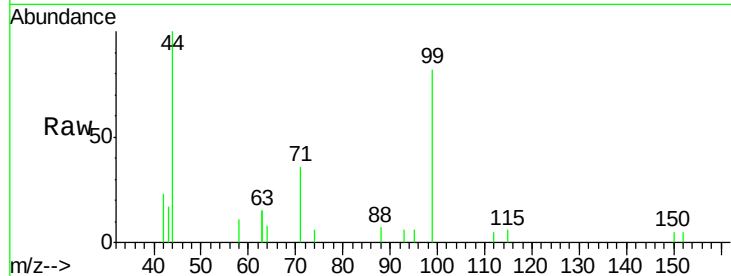
Tot Ion: 99 Resp: 1201

Ion Ratio Lower Upper

99 100

42 27.1 20.2 30.2

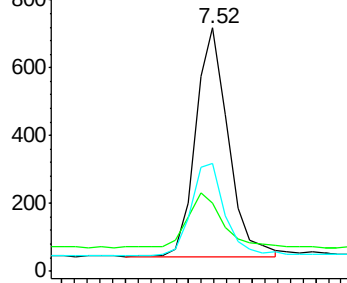
71 41.9 28.4 42.6



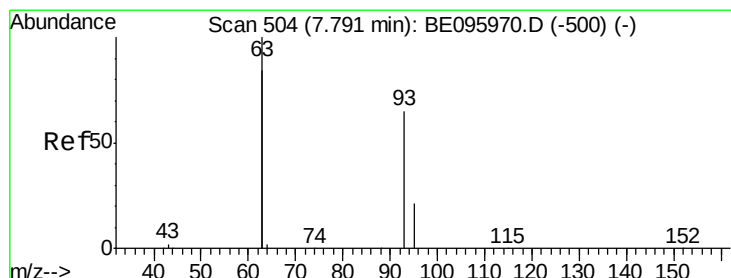
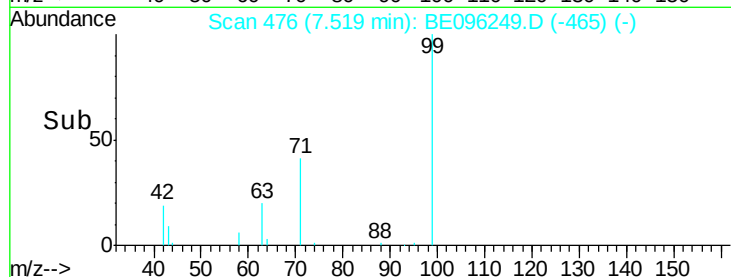
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.367 ng

RT: 7.76 min Scan# 501

Delta R.T. 0.00 min

Lab File: BE096249.D

Acq: 1 May 2018 7:31

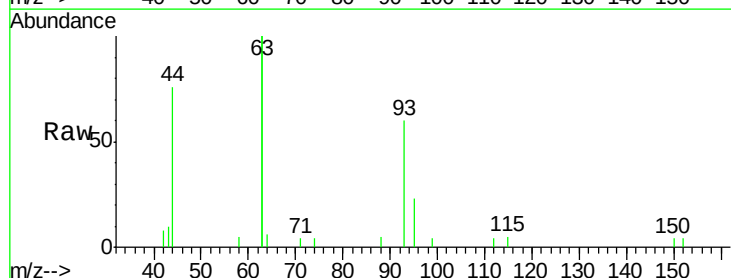
Tgt Ion: 93 Resp: 1005

Ion Ratio Lower Upper

93 100

63 327.1 275.3 412.9

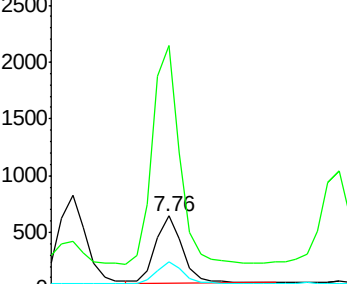
95 34.7 25.2 37.8



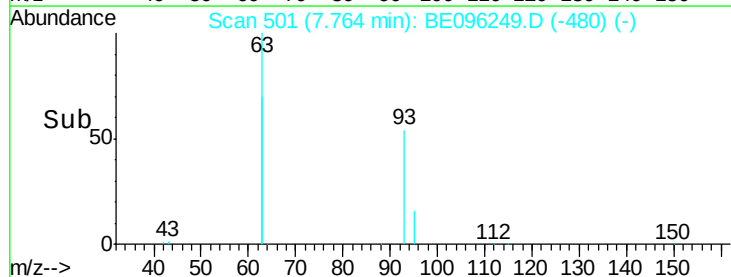
Abundance Ion 93.00 (92.70 to 93.70): BE0

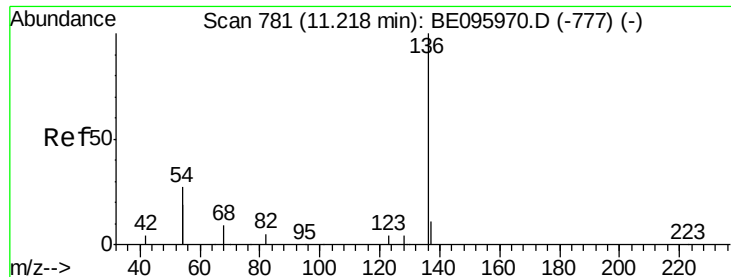
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.19 min Scan# 779

Delta R.T. -0.00 min

Lab File: BE096249.D

Acq: 1 May 2018 7:31

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2792

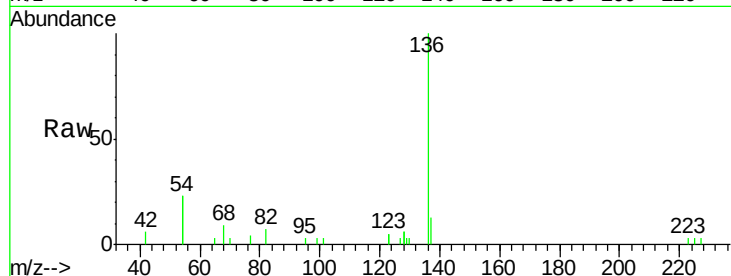
Ion Ratio Lower Upper

136 100

137 13.0 9.5 14.3

54 46.0 29.1 43.7#

68 9.1 6.2 9.2

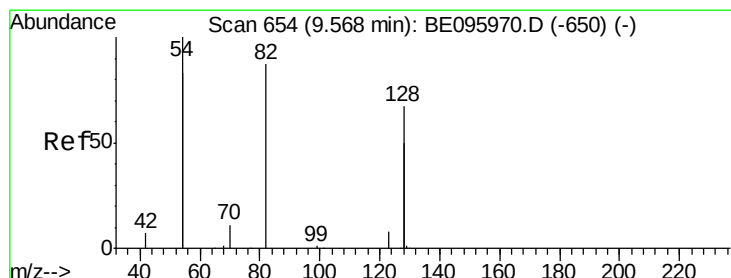
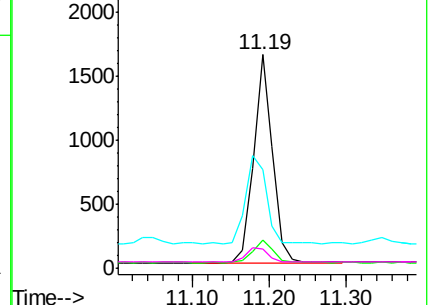
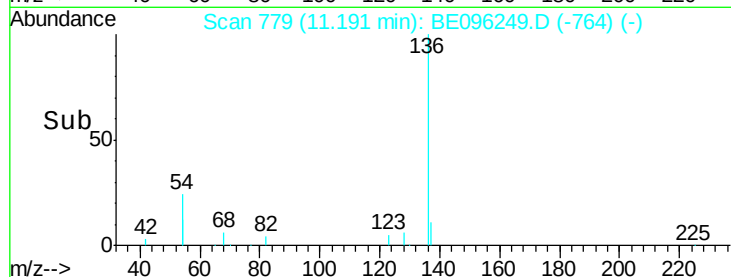


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.035 ng

RT: 9.45 min Scan# 645

Delta R.T. -0.09 min

Lab File: BE096249.D

Acq: 1 May 2018 7:31

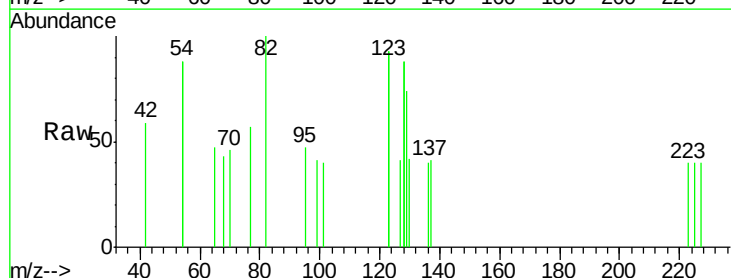
Tgt Ion: 82 Resp: 115

Ion Ratio Lower Upper

82 100

128 176.6 150.0 225.0

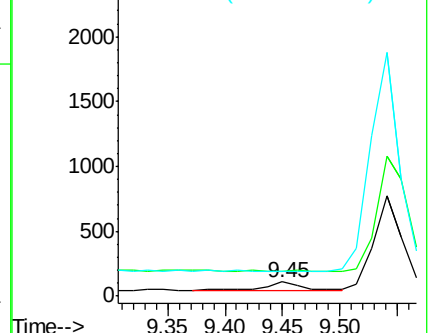
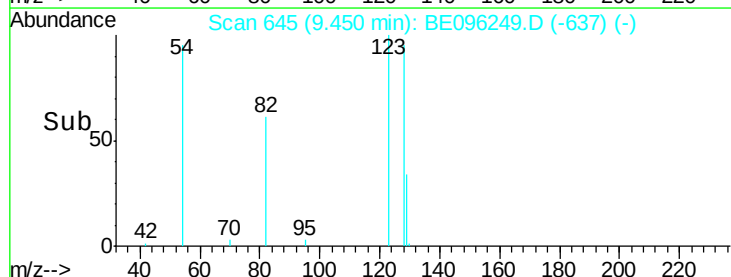
54 176.6 154.2 231.4

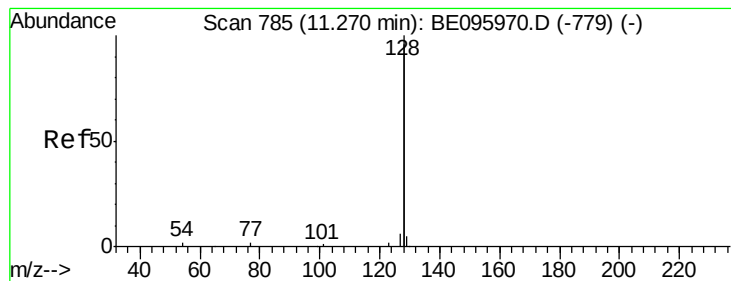


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.379 ng

RT: 11.24 min Scan# 783

Delta R.T. -0.00 min

Lab File: BE096249.D

Acq: 1 May 2018 7:31

Instrument :

BNA_E

ClientSampleId :

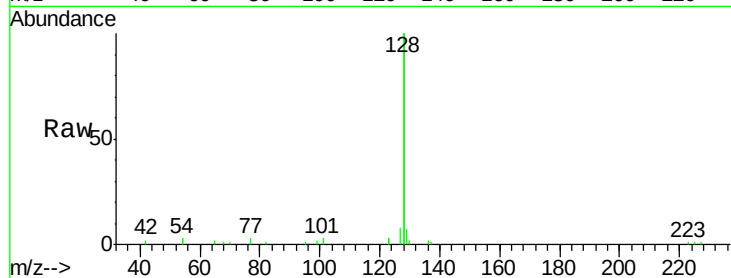
Tot Ion:128 Resp: 11149

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

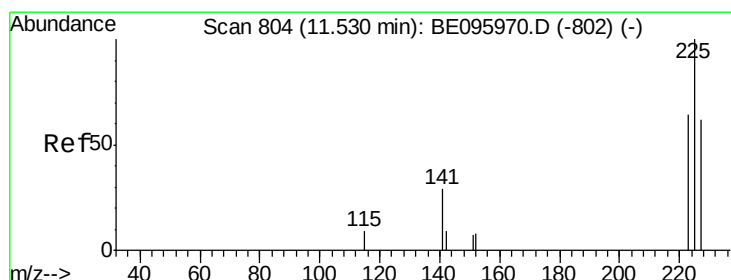
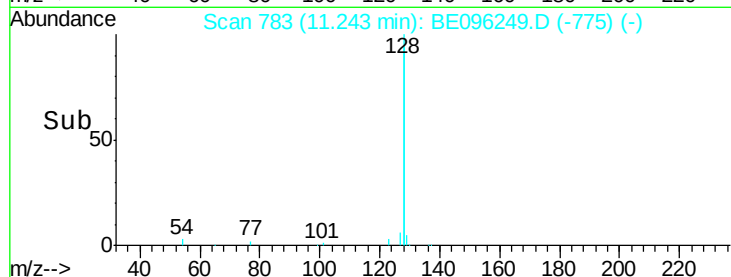
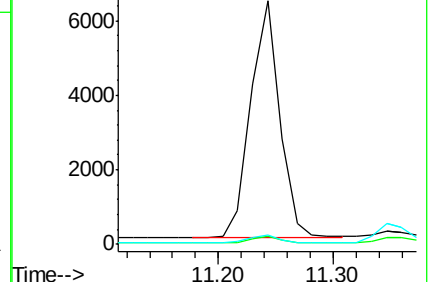
127 3.8 2.8 4.2



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



#10

Hexachlorobutadiene

Concen: 0.230 ng

RT: 11.50 min Scan# 803

Delta R.T. -0.00 min

Lab File: BE096249.D

Acq: 1 May 2018 7:31

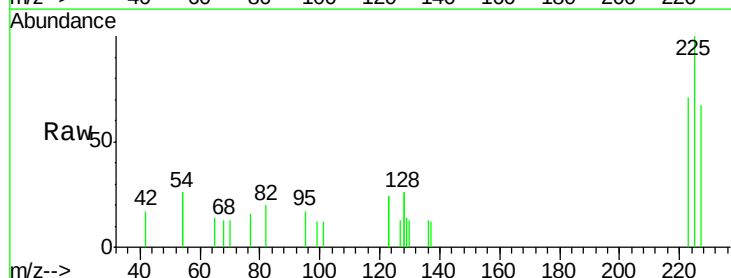
Tgt Ion:225 Resp: 300

Ion Ratio Lower Upper

225 100

223 73.3 53.0 79.6

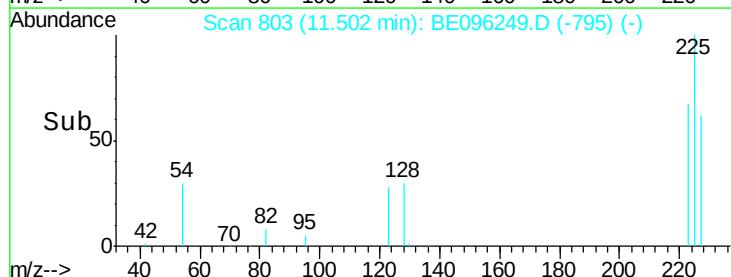
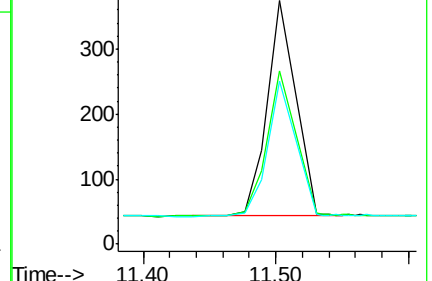
227 72.0 51.4 77.2

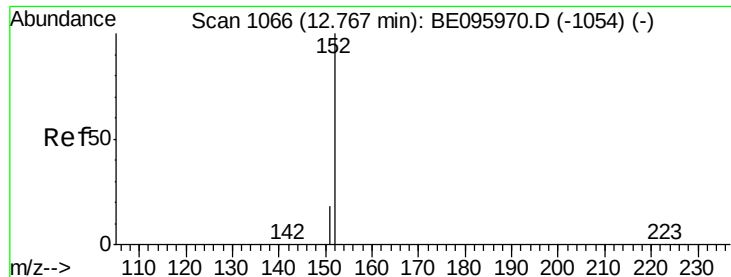


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.372 ng

RT: 12.74 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE096249.D

Acq: 1 May 2018 7:31

Instrument :

BNA_E

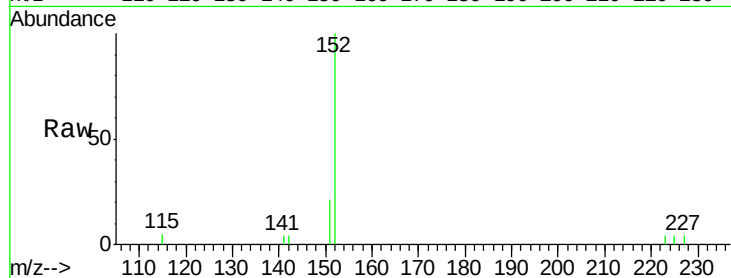
ClientSampleId :

Tot Ion:152 Resp: 1646

Ion Ratio Lower Upper

152 100

151 20.0 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.74

1200

1000

800

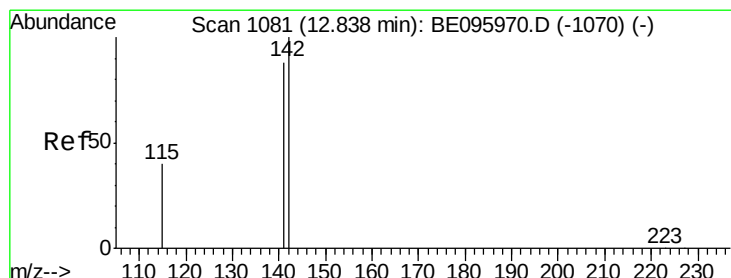
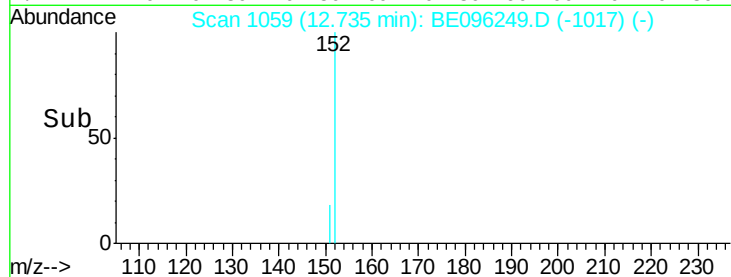
600

400

200

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.382 ng

RT: 12.81 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BE096249.D

Acq: 1 May 2018 7:31

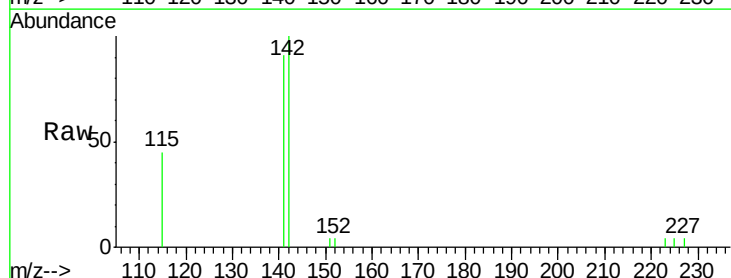
Tgt Ion:142 Resp: 1860

Ion Ratio Lower Upper

142 100

141 90.8 70.4 105.6

115 45.1 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.81

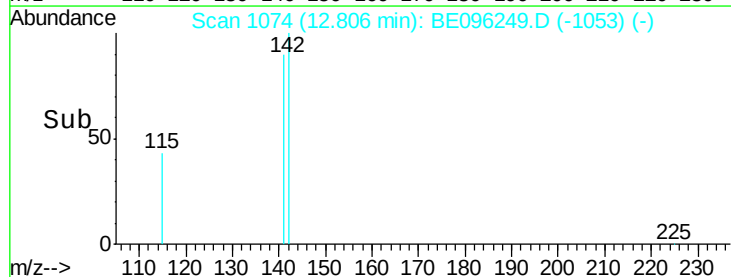
1500

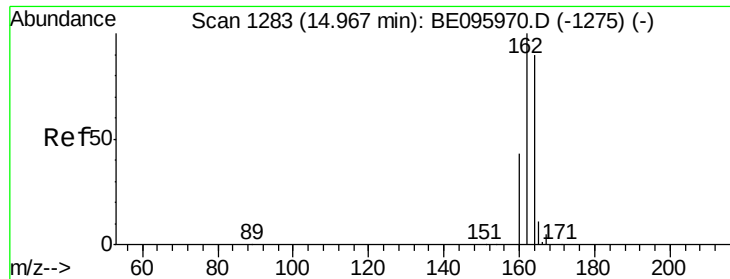
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.94 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BE096249.D

Acq: 1 May 2018 7:31

Instrument :

BNA_E

ClientSampleId :

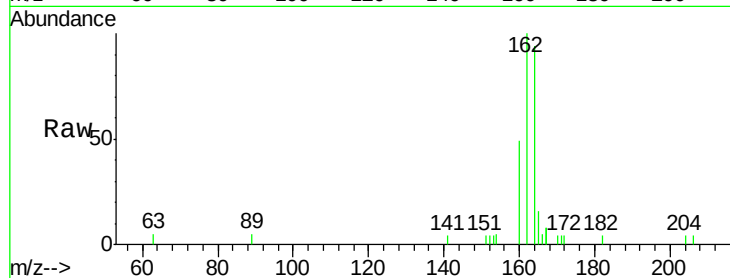
Tot Ion:164 Resp: 1518

Ion Ratio Lower Upper

164 100

162 106.3 83.1 124.7

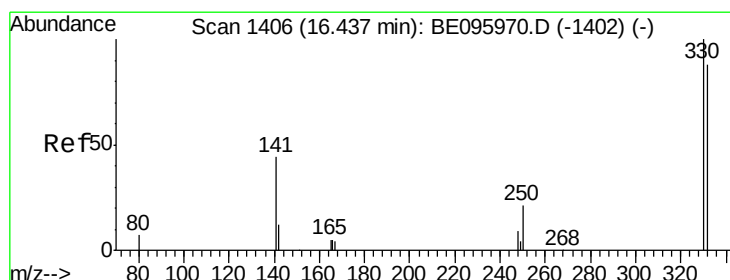
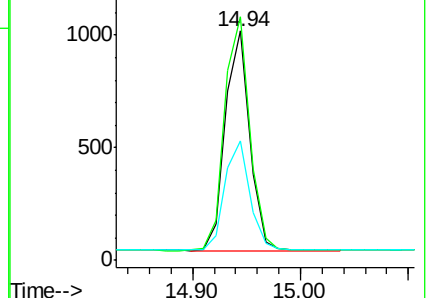
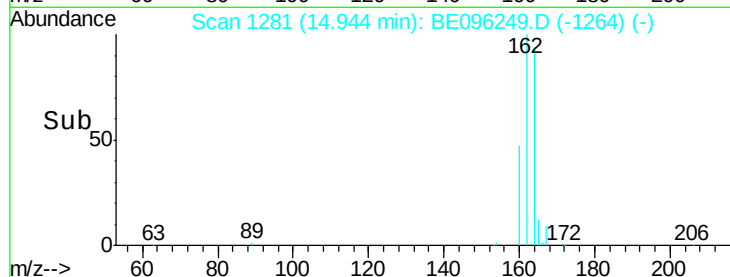
160 52.2 37.1 55.7



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: 0.348 ng

RT: 16.41 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BE096249.D

Acq: 1 May 2018 7:31

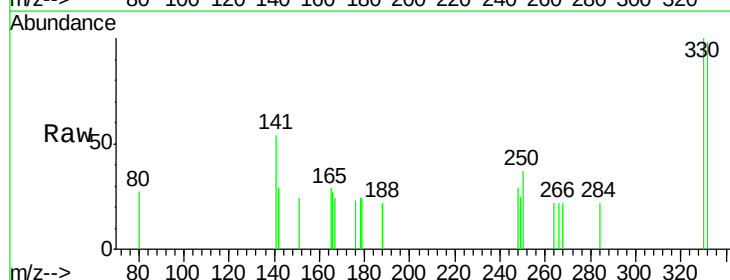
Tgt Ion:330 Resp: 255

Ion Ratio Lower Upper

330 100

332 91.8 152.7 229.1#

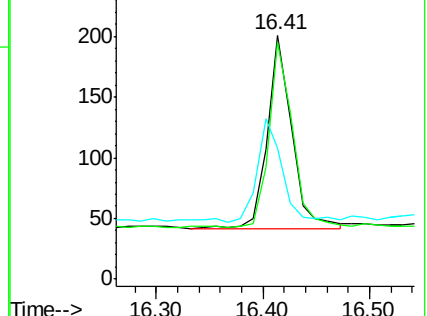
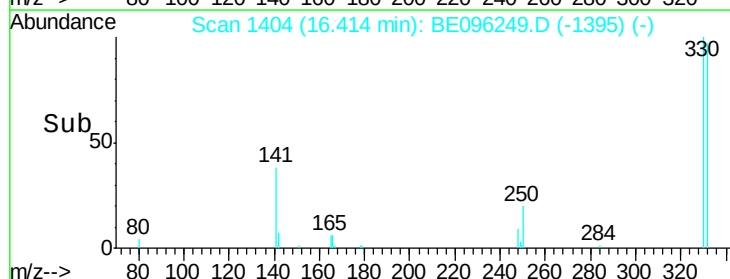
141 53.7 33.7 50.5#

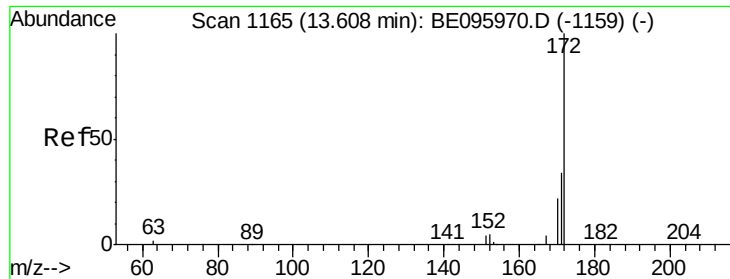


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

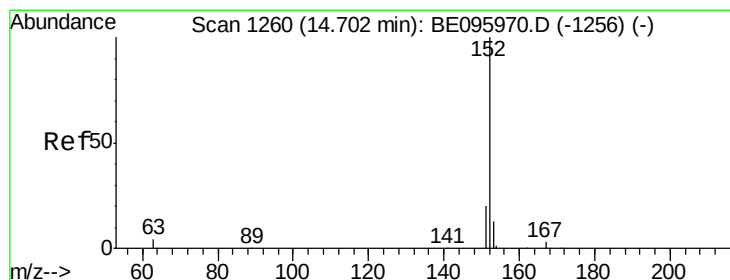
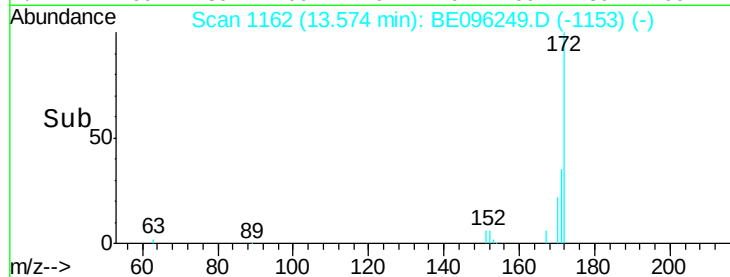
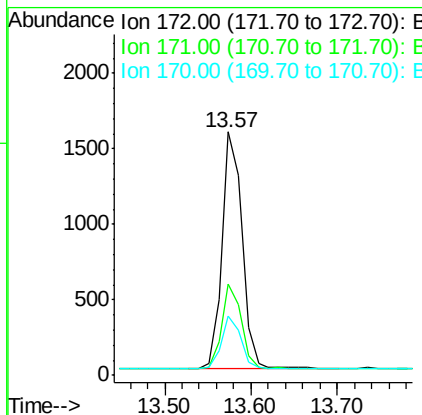
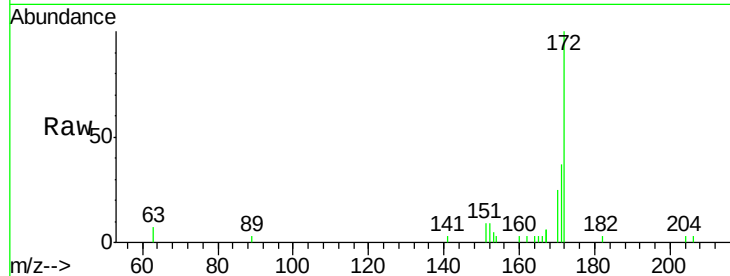




#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 13.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE096249.D
Acq: 1 May 2018 7:31

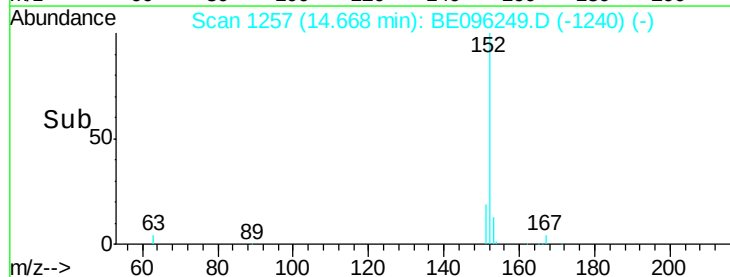
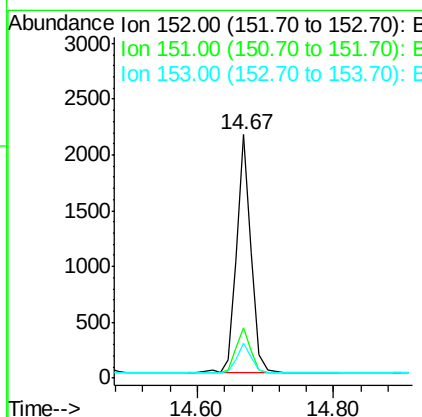
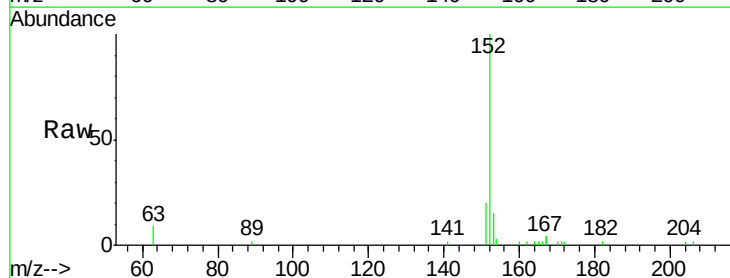
Instrument :
BNA_E
ClientSampleId :

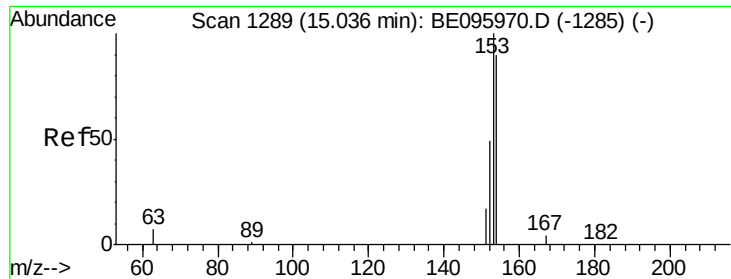
Tot Ion:172 Resp: 2570
Ion Ratio Lower Upper
172 100
171 37.3 29.9 44.9
170 24.6 21.8 32.8



#16
Acenaphthylene
Concen: 0.395 ng
RT: 14.67 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BE096249.D
Acq: 1 May 2018 7:31

Tgt Ion:152 Resp: 3198
Ion Ratio Lower Upper
152 100
151 19.3 15.7 23.5
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.392 ng

RT: 15.00 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BE096249.D

Acq: 1 May 2018 7:31

Instrument :

BNA_E

ClientSampleId :

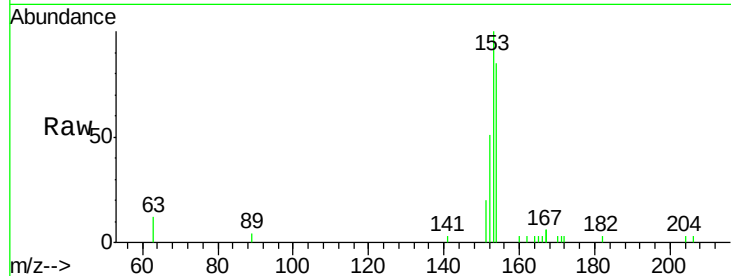
Tot Ion:154 Resp: 1908

Ion Ratio Lower Upper

154 100

153 116.1 89.2 133.8

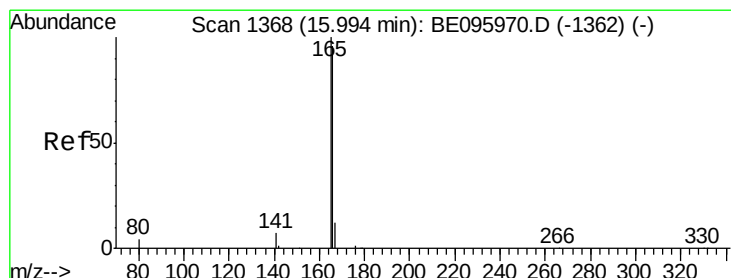
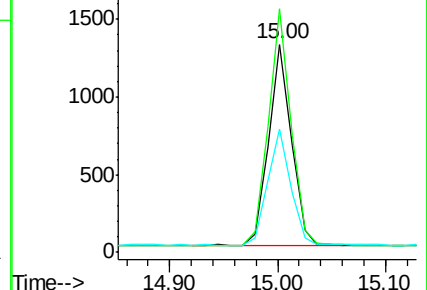
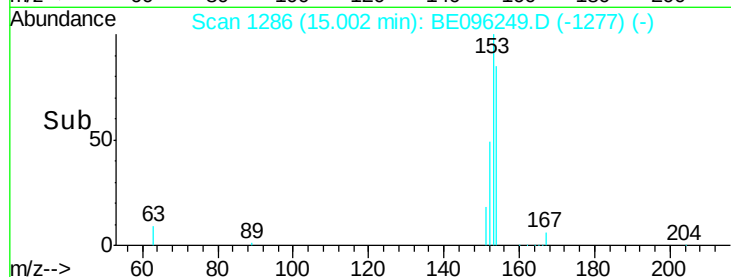
152 58.3 42.0 63.0



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: 0.393 ng

RT: 15.97 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BE096249.D

Acq: 1 May 2018 7:31

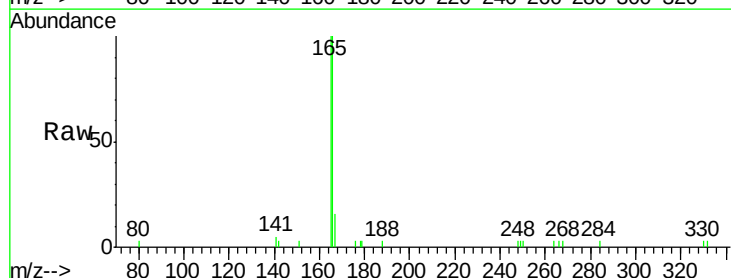
Tgt Ion:166 Resp: 2371

Ion Ratio Lower Upper

166 100

165 101.1 77.8 116.6

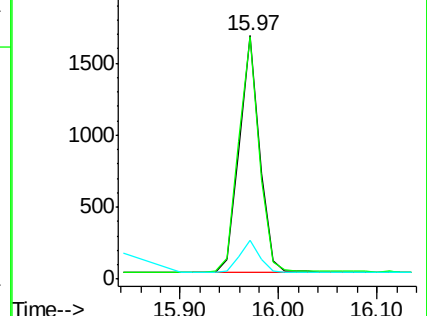
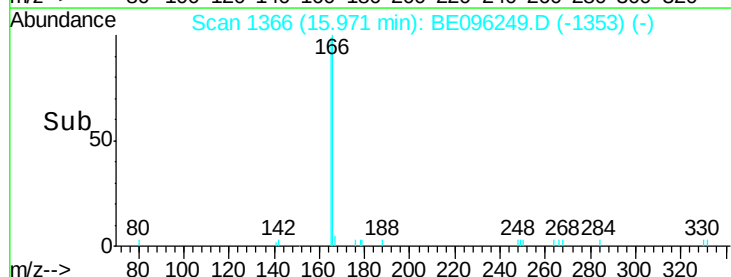
167 13.6 42.4 63.6#

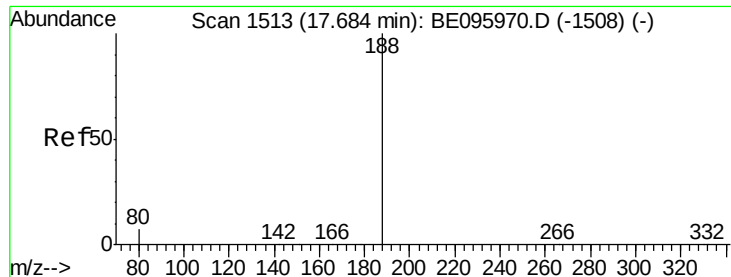


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096249.D

Acq: 1 May 2018 7:31

Instrument :

BNA_E

ClientSampleId :

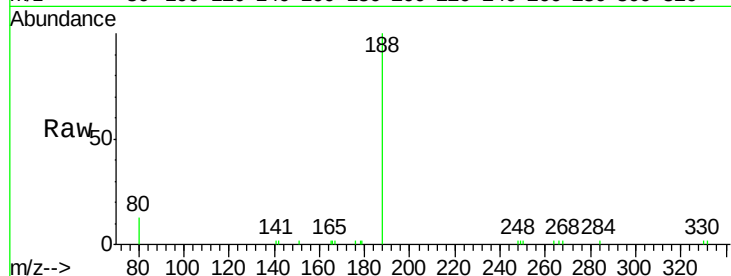
Tot Ion:188 Resp: 3589

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

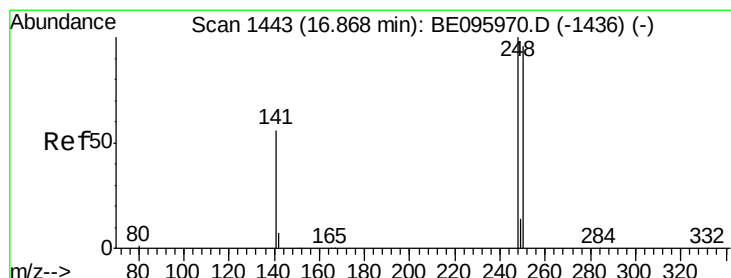
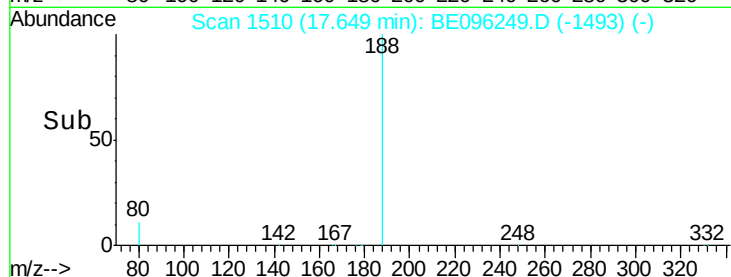
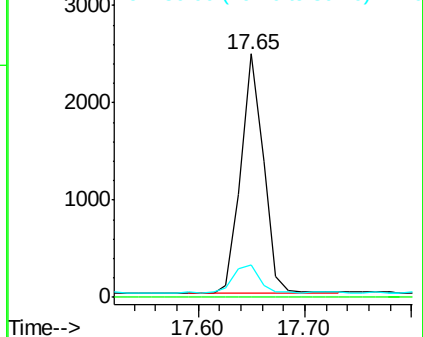
80 13.1 3.6 5.4#



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: 0.379 ng

RT: 16.83 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BE096249.D

Acq: 1 May 2018 7:31

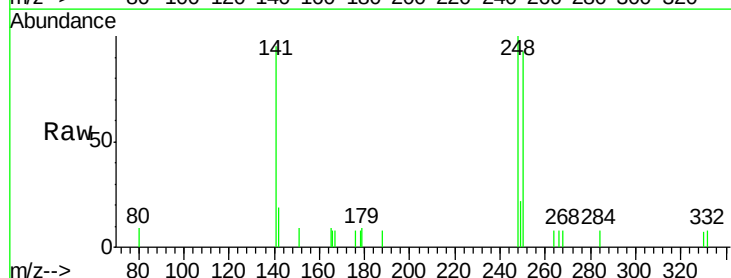
Tgt Ion:248 Resp: 808

Ion Ratio Lower Upper

248 100

250 93.1 62.7 94.1

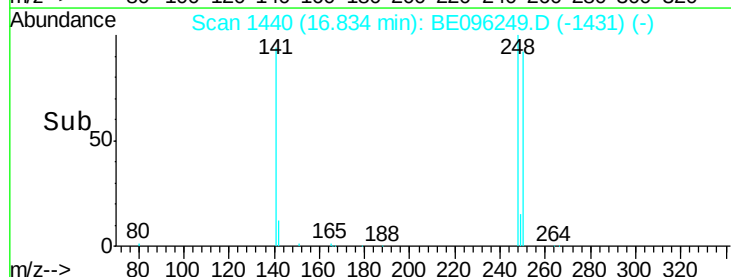
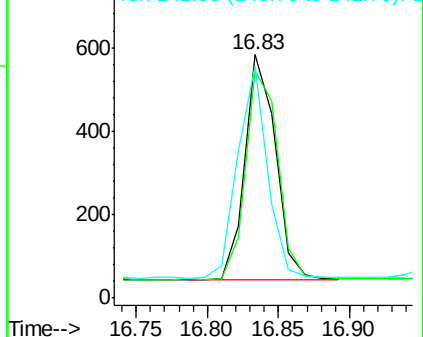
141 95.4 48.2 72.2#

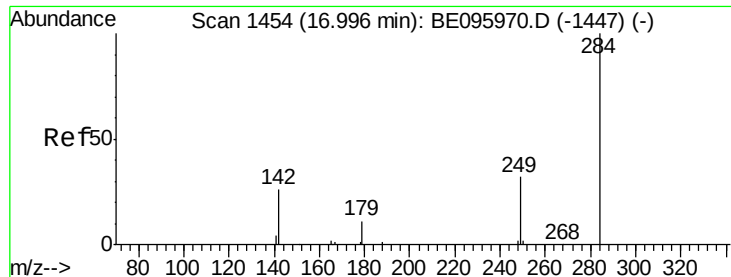


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

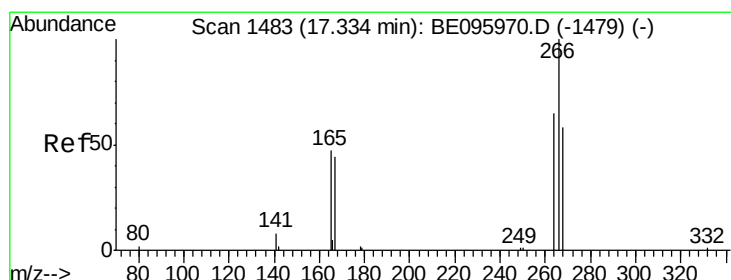
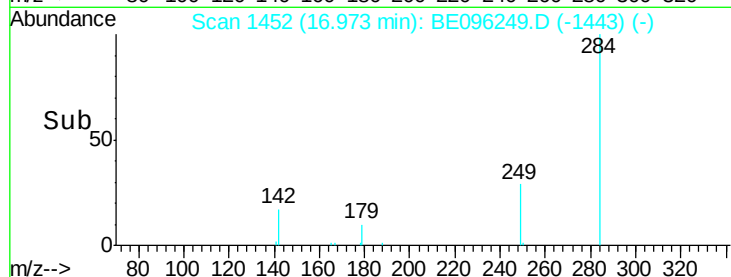
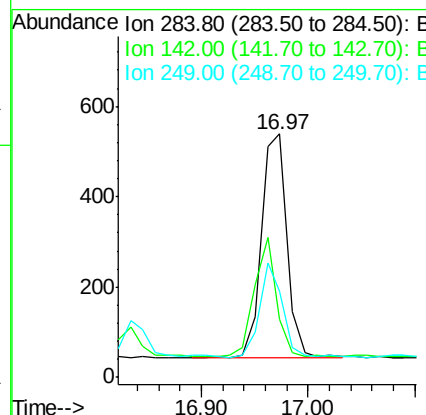
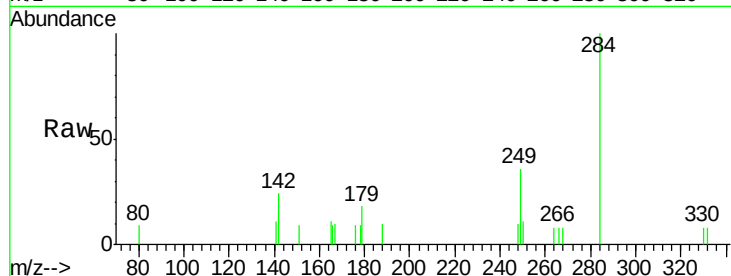




#21
Hexachlorobenzene
Concen: 0.388 ng
RT: 16.97 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BE096249.D
Acq: 1 May 2018 7:31

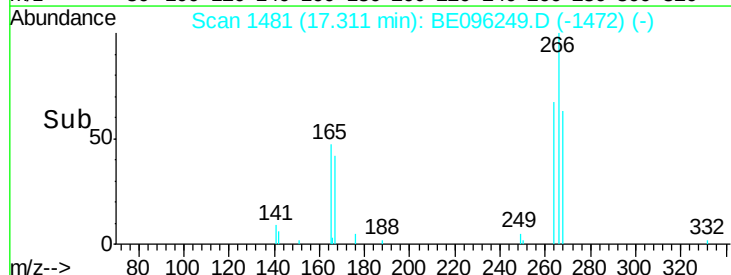
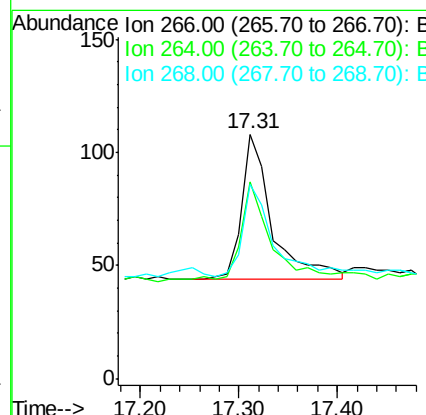
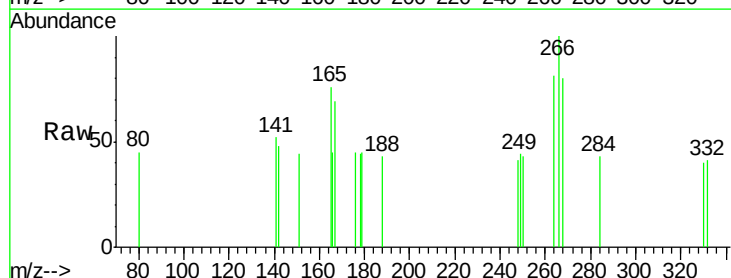
Instrument :
BNA_E
ClientSampleId :

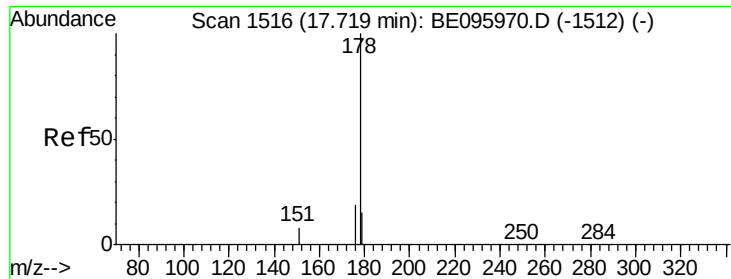
Tot Ion:284 Resp: 824
Ion Ratio Lower Upper
284 100
142 46.4 22.1 33.1#
249 37.6 34.8 52.2



#22
Pentachlorophenol
Concen: 0.274 ng
RT: 17.31 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE096249.D
Acq: 1 May 2018 7:31

Tgt Ion:266 Resp: 136
Ion Ratio Lower Upper
266 100
264 80.6 72.5 108.7
268 79.6 73.8 110.6

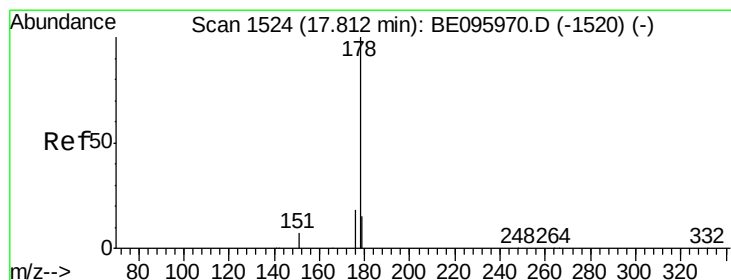
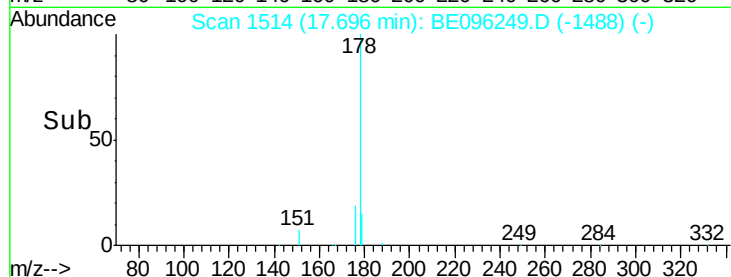
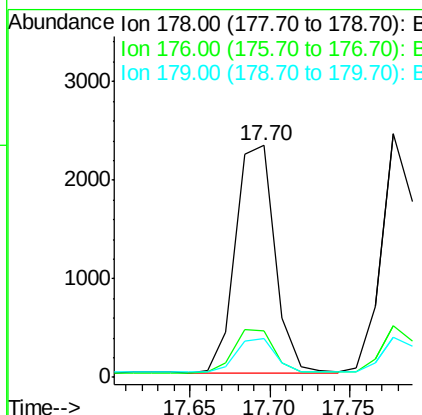
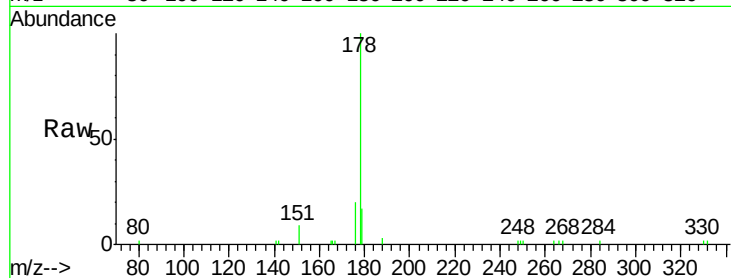




#23
Phenanthrene
Concen: 0.387 ng
RT: 17.70 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BE096249.D
Acq: 1 May 2018 7:31

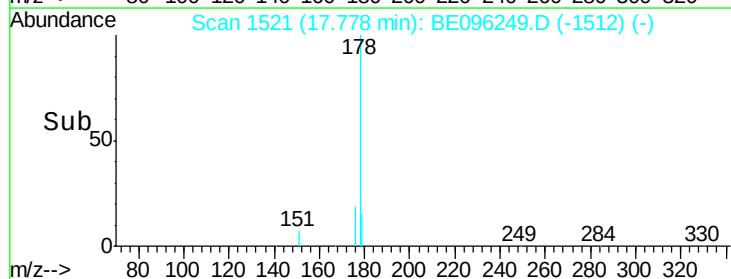
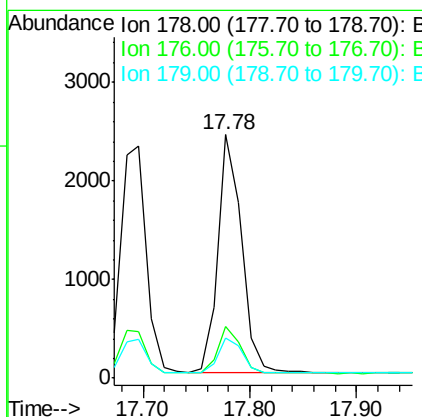
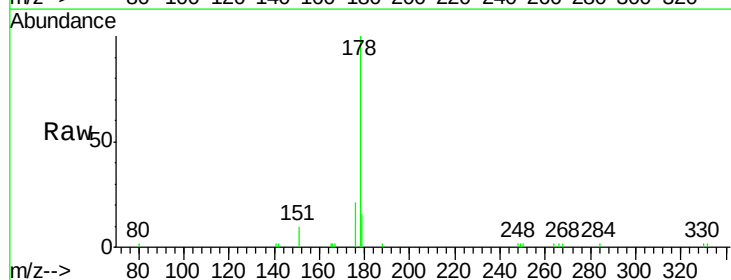
Instrument :
BNA_E
ClientSampleId :

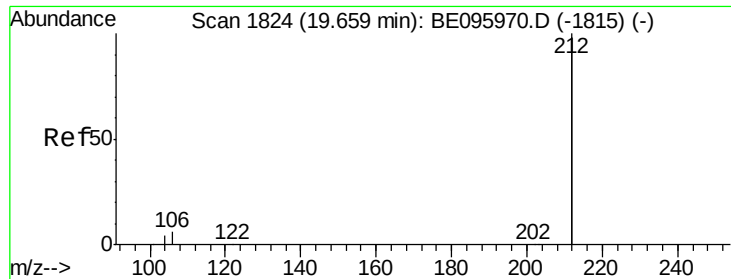
Tot Ion:178 Resp: 3901
Ion Ratio Lower Upper
178 100
176 19.6 15.1 22.7
179 14.8 11.8 17.6



#24
Anthracene
Concen: 0.383 ng
RT: 17.78 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BE096249.D
Acq: 1 May 2018 7:31

Tgt Ion:178 Resp: 3693
Ion Ratio Lower Upper
178 100
176 20.0 12.8 19.2#
179 15.2 13.0 19.6





#25

Fluoranthene-d10

Concen: 0.353 ng

RT: 19.64 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BE096249.D

Acq: 1 May 2018 7:31

Instrument :

BNA_E

ClientSampleId :

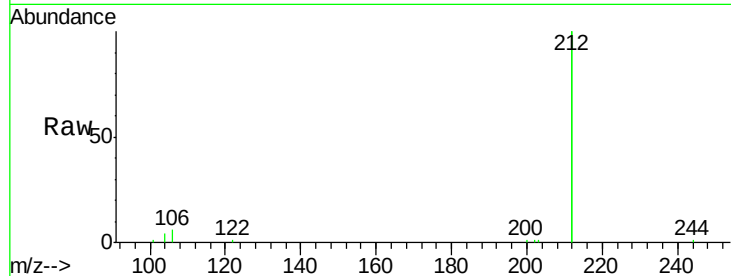
Tot Ion:212 Resp: 17180

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

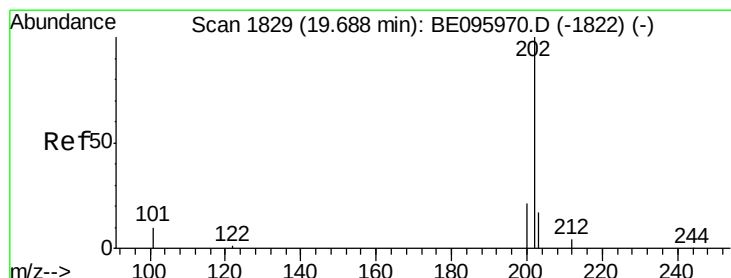
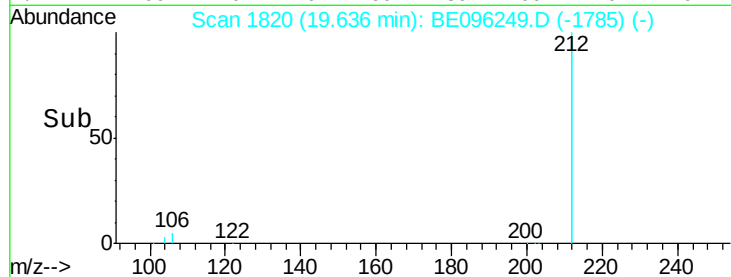
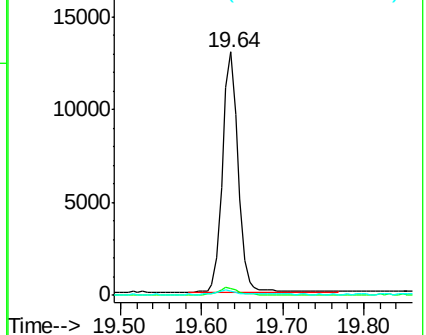
104 1.8 1.6 2.4



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: 0.363 ng

RT: 19.66 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BE096249.D

Acq: 1 May 2018 7:31

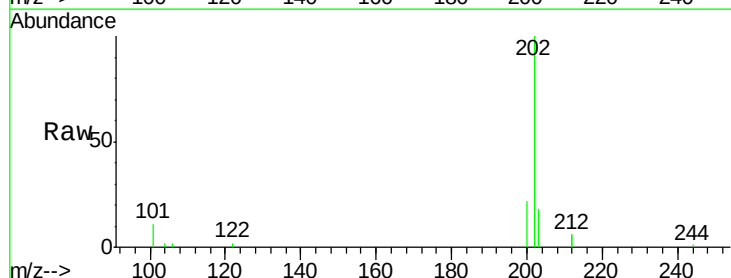
Tgt Ion:202 Resp: 4805

Ion Ratio Lower Upper

202 100

101 10.2 9.8 14.8

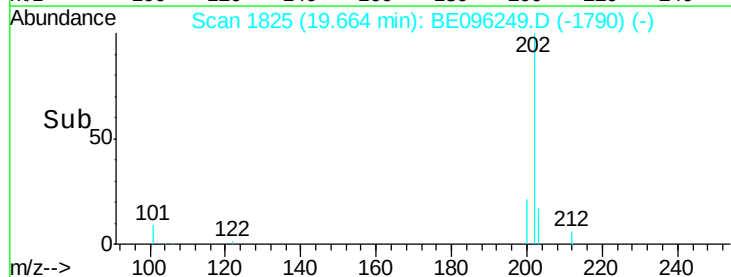
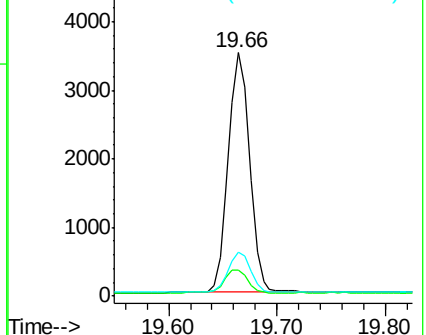
203 17.0 13.7 20.5

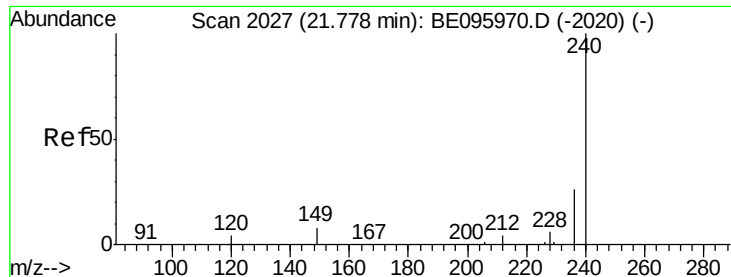


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.75 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BE096249.D

Acq: 1 May 2018 7:31

Instrument :

BNA_E

ClientSampleId :

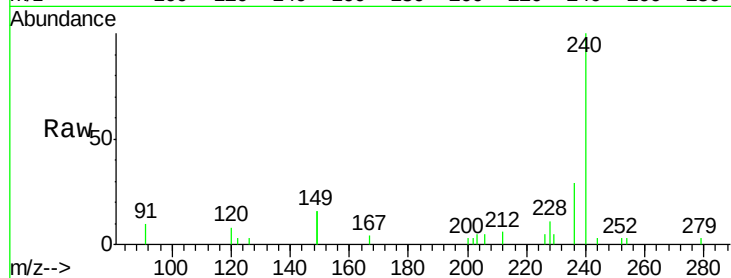
Tot Ion:240 Resp: 3612

Ion Ratio Lower Upper

240 100

120 7.9 5.5 8.3

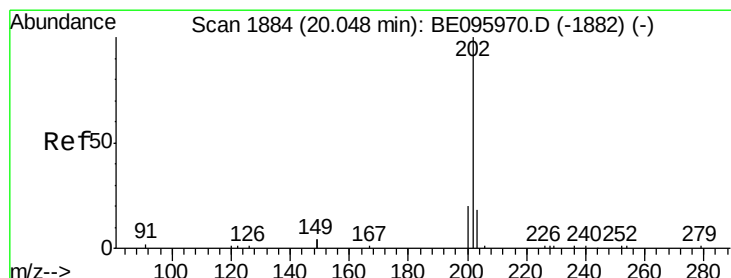
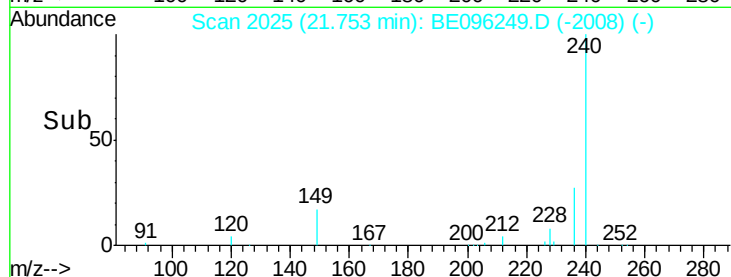
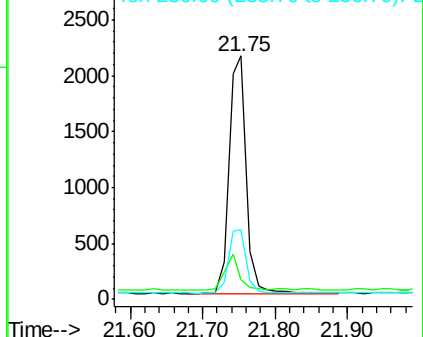
236 28.7 20.7 31.1



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: 0.030 ng

RT: 20.00 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BE096249.D

Acq: 1 May 2018 7:31

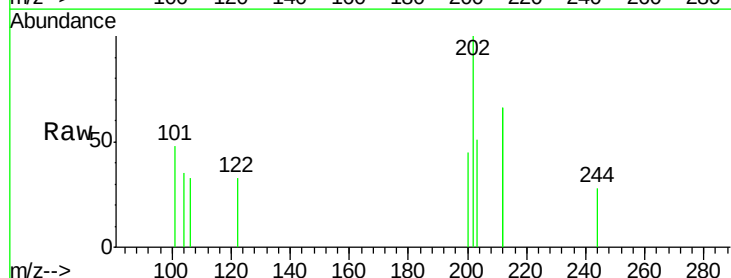
Tgt Ion:202 Resp: 216

Ion Ratio Lower Upper

202 100

200 26.4 16.6 25.0#

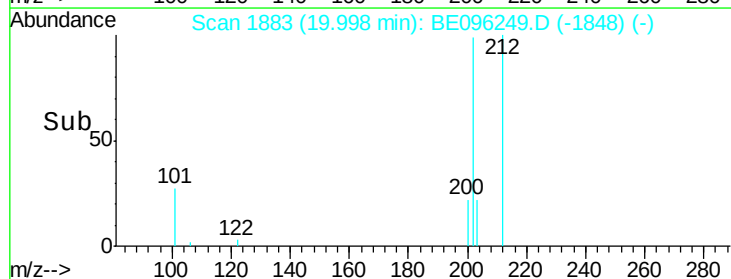
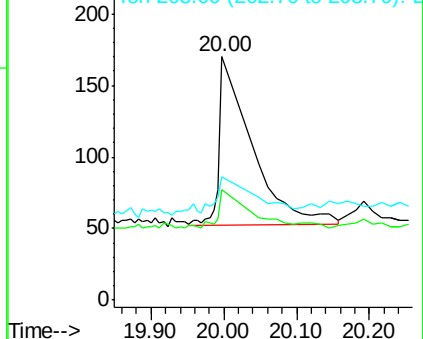
203 30.6 13.8 20.8#

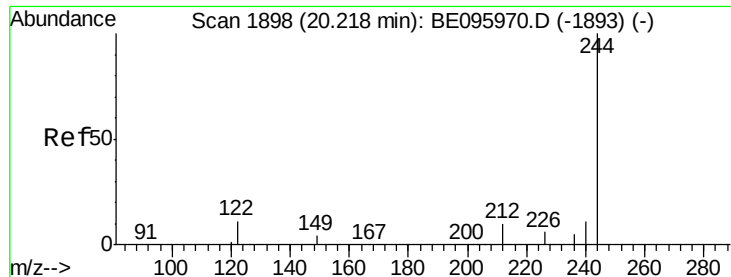


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.378 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096249.D

Acq: 1 May 2018 7:31

Instrument :

BNA_E

ClientSampleId :

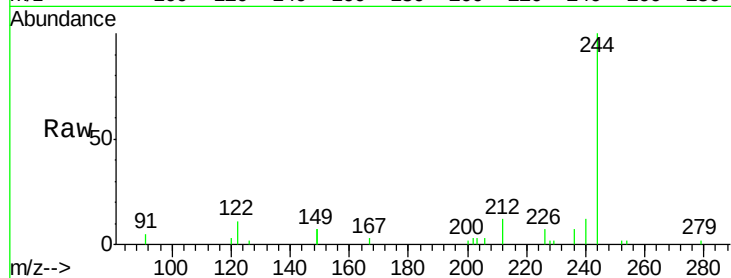
Tot Ion:244 Resp: 3014

Ion Ratio Lower Upper

244 100

212 11.8 25.4 38.0#

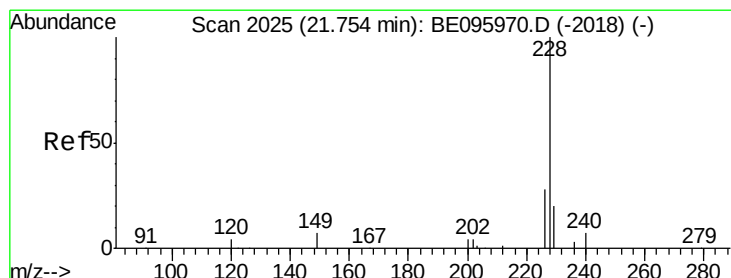
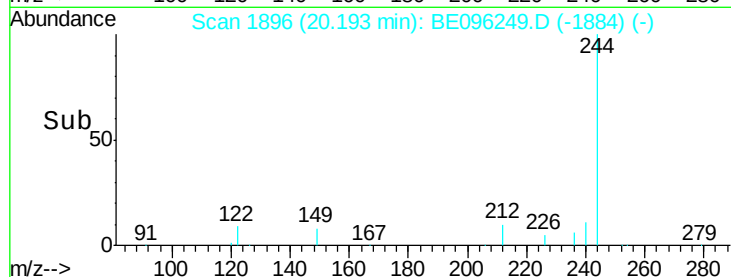
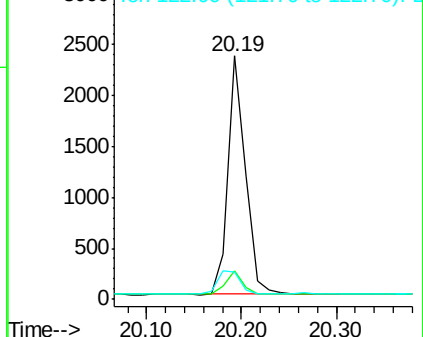
122 11.4 8.1 12.1



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: 0.379 ng

RT: 21.73 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BE096249.D

Acq: 1 May 2018 7:31

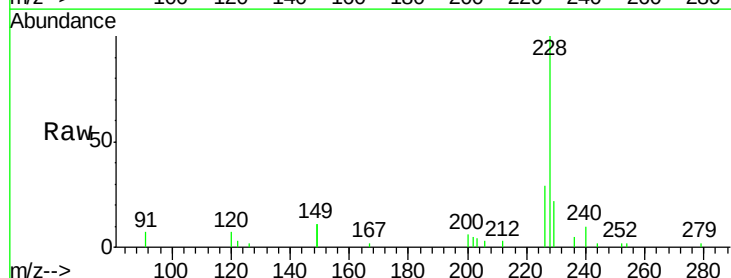
Tgt Ion:228 Resp: 4395

Ion Ratio Lower Upper

228 100

226 28.7 24.0 36.0

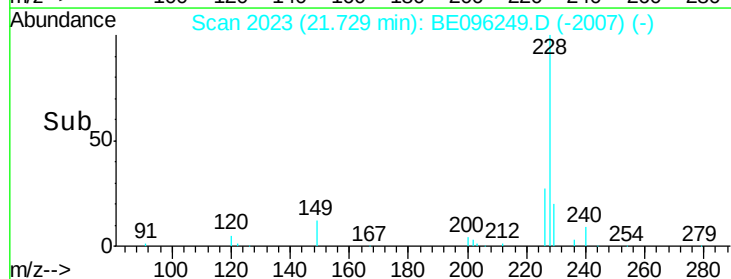
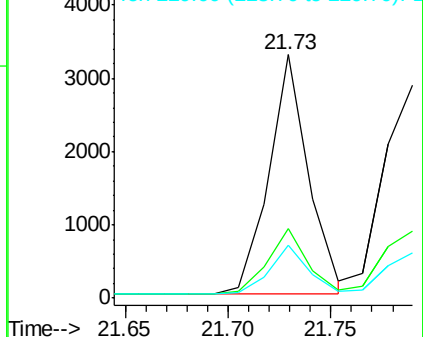
229 21.5 16.0 24.0

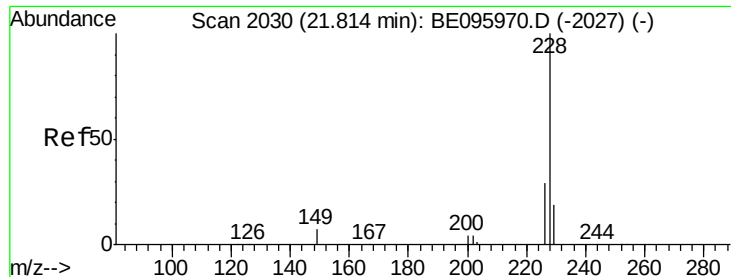


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.395 ng

RT: 21.79 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BE096249.D

Acq: 1 May 2018 7:31

Instrument :

BNA_E

ClientSampleId :

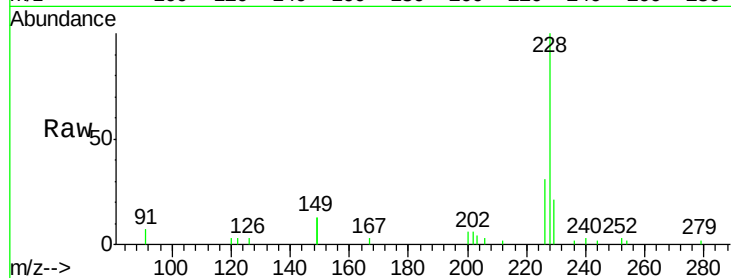
Tot Ion:228 Resp: 4415

Ion Ratio Lower Upper

228 100

226 31.4 24.0 36.0

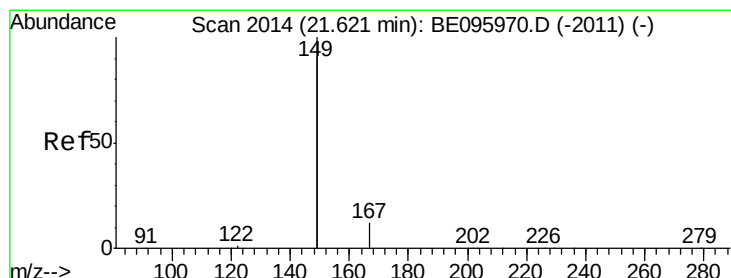
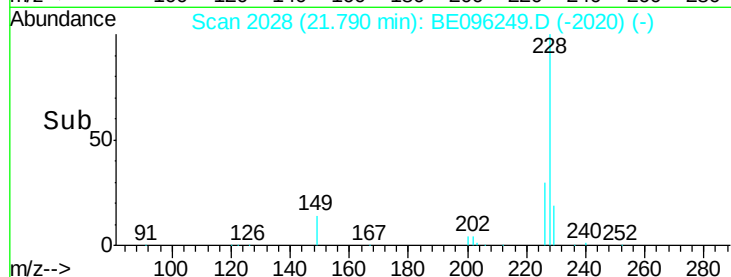
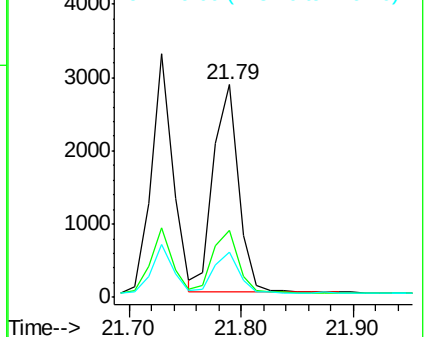
229 21.0 16.0 24.0



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: 0.387 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096249.D

Acq: 1 May 2018 7:31

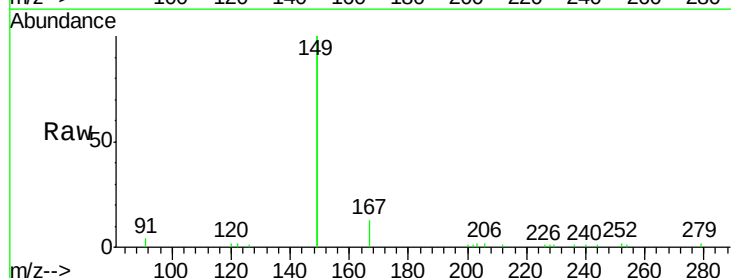
Tgt Ion:149 Resp: 11567

Ion Ratio Lower Upper

149 100

167 6.3 5.4 8.0

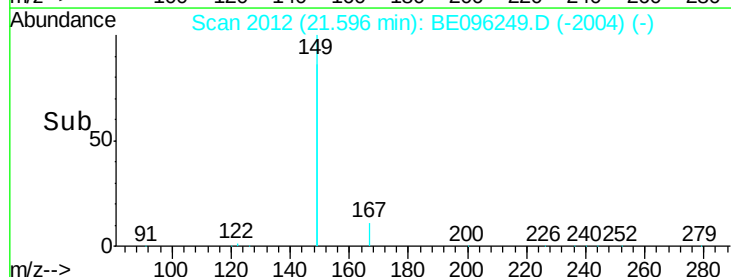
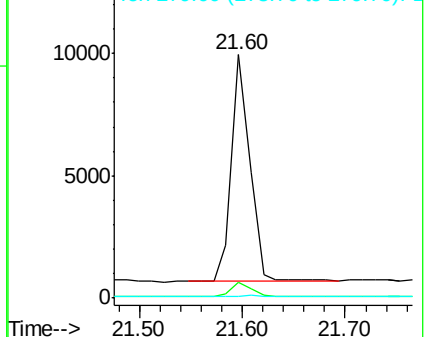
279 0.8 0.7 1.1

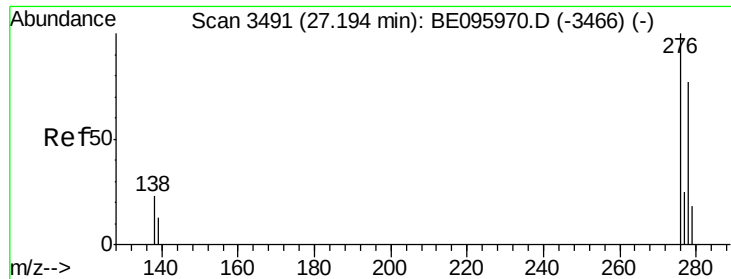


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

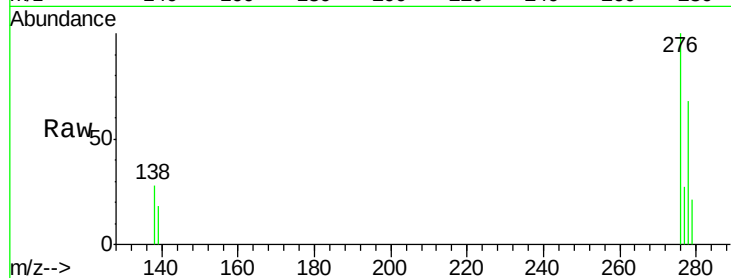




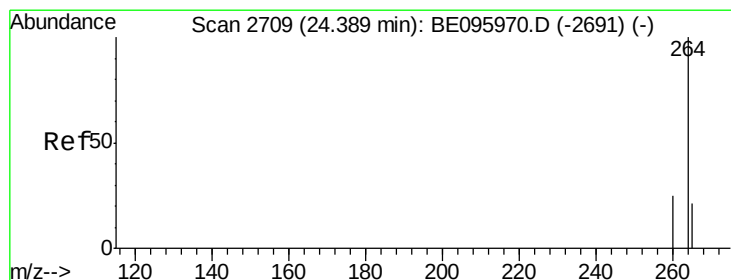
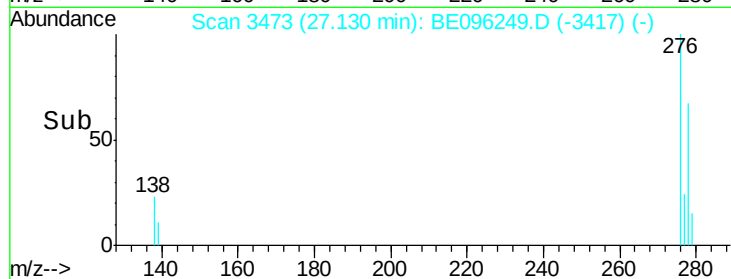
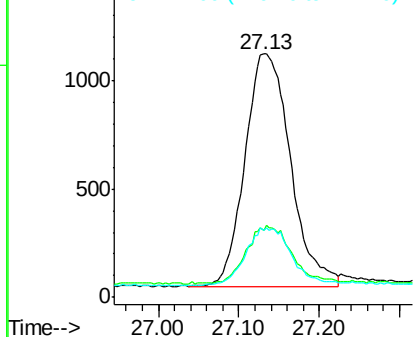
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng
RT: 27.13 min Scan# 3473
Delta R.T. 0.00 min
Lab File: BE096249.D
Acq: 1 May 2018 7:31

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 4240
Ion Ratio Lower Upper
276 100
138 24.2 22.5 33.7
277 25.8 19.9 29.9

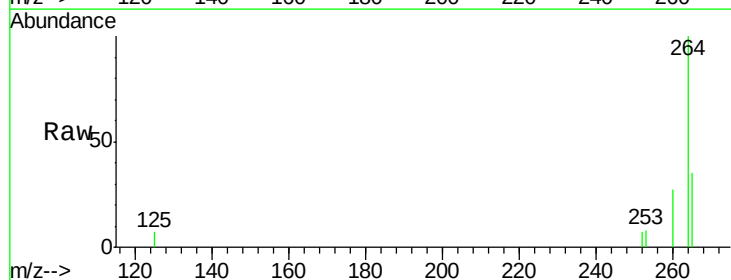


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

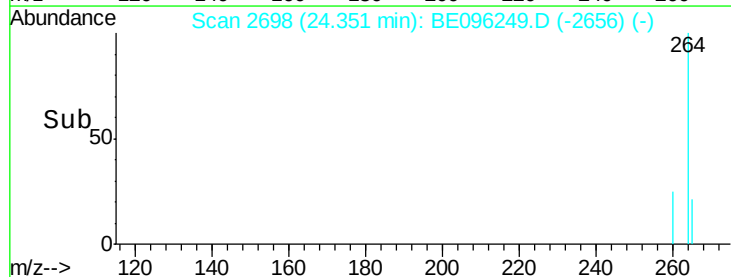
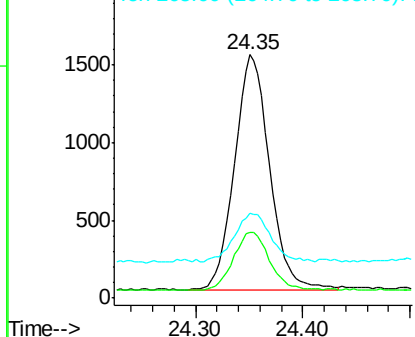


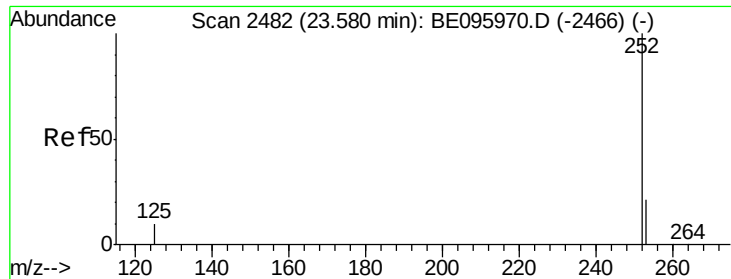
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.35 min Scan# 2698
Delta R.T. -0.00 min
Lab File: BE096249.D
Acq: 1 May 2018 7:31

Tgt Ion:264 Resp: 3398
Ion Ratio Lower Upper
264 100
260 27.1 20.5 30.7
265 34.9 22.8 34.2#



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

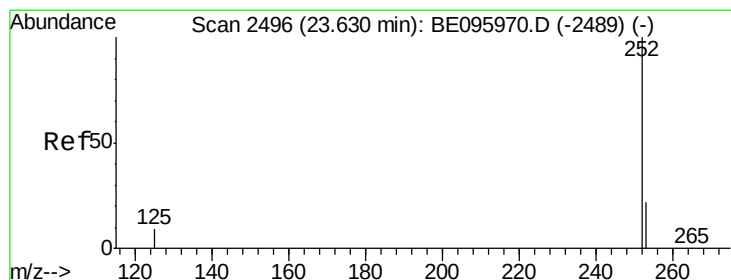
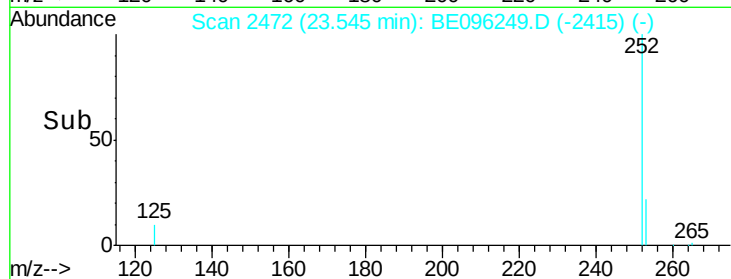
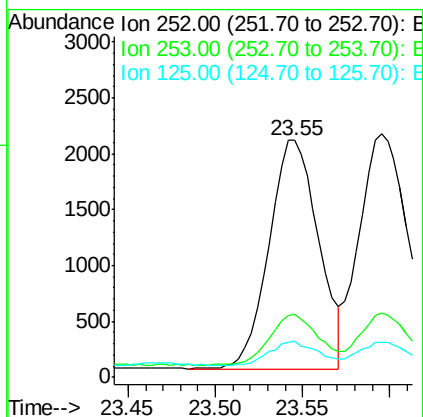
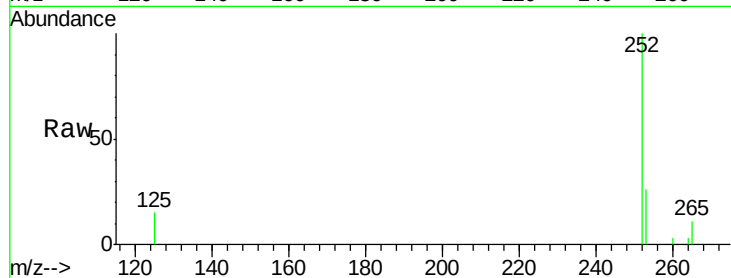




#35
Benzo(b)fluoranthene
Concen: 0.397 ng
RT: 23.55 min Scan# 2472
Delta R.T. 0.00 min
Lab File: BE096249.D
Acq: 1 May 2018 7:31

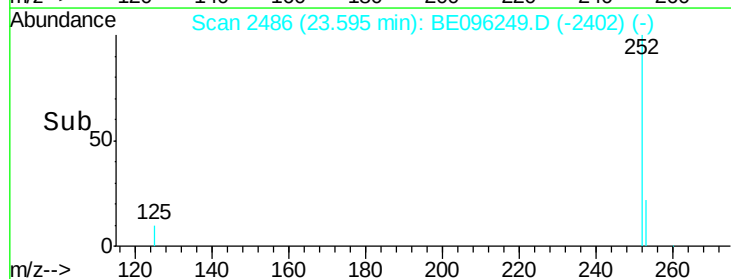
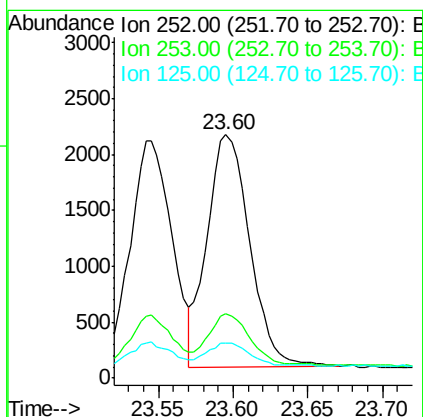
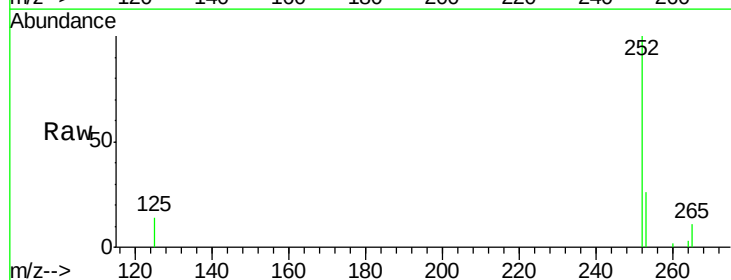
Instrument :
BNA_E
ClientSampled :

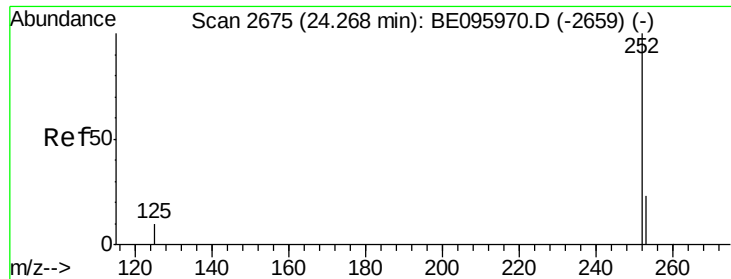
Tot Ion:252 Resp: 4041
Ion Ratio Lower Upper
252 100
253 26.4 20.0 30.0
125 15.0 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.396 ng
RT: 23.60 min Scan# 2486
Delta R.T. -0.00 min
Lab File: BE096249.D
Acq: 1 May 2018 7:31

Tgt Ion:252 Resp: 4148
Ion Ratio Lower Upper
252 100
253 26.4 16.0 24.0#
125 14.4 8.0 12.0#

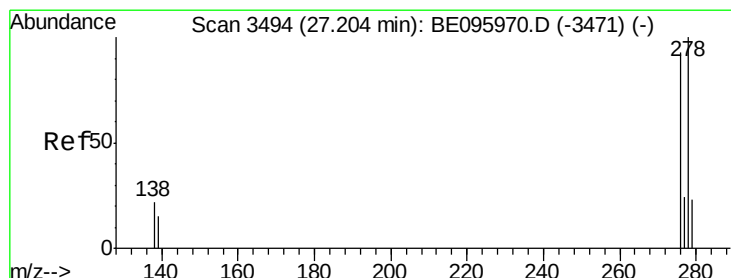
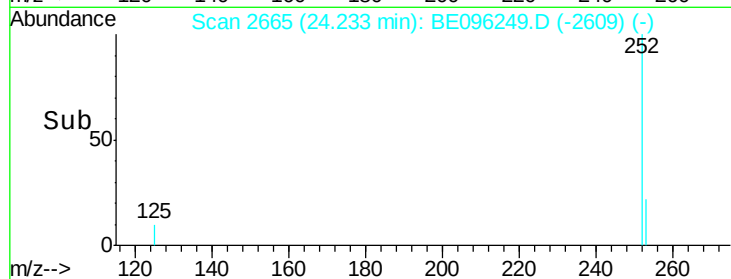
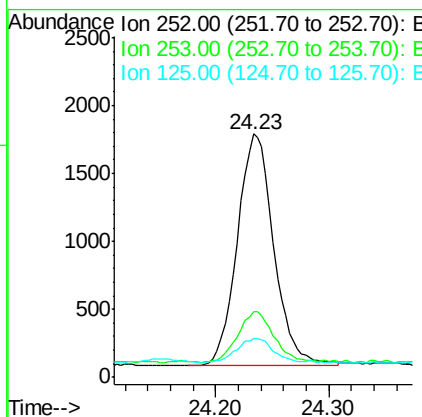
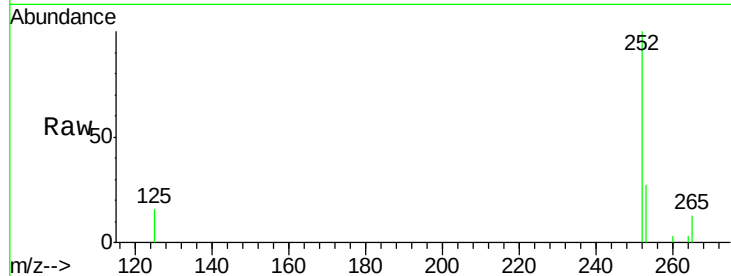




#37
Benzo(a)pyrene
Concen: 0.392 ng
RT: 24.23 min Scan# 2665
Delta R.T. -0.00 min
Lab File: BE096249.D
Acq: 1 May 2018 7:31

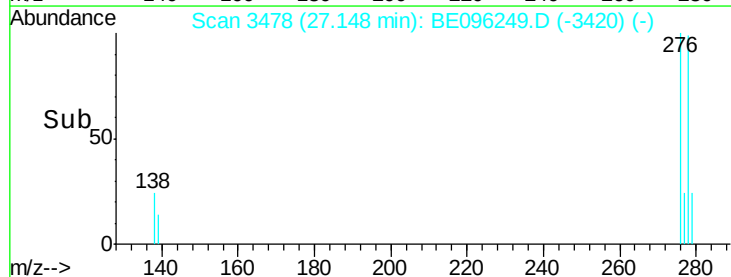
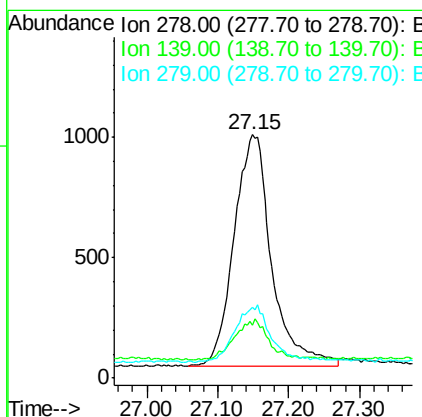
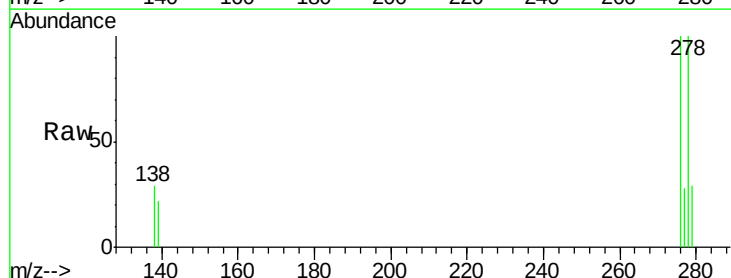
Instrument :
BNA_E
ClientSampleId :

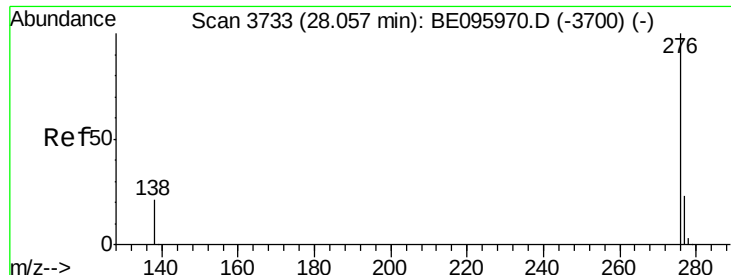
Tot Ion:252 Resp: 3838
Ion Ratio Lower Upper
252 100
253 26.8 16.0 24.0#
125 16.2 12.0 18.0



#38
Dibenzo(a,h)anthracene
Concen: 0.413 ng
RT: 27.15 min Scan# 3478
Delta R.T. 0.01 min
Lab File: BE096249.D
Acq: 1 May 2018 7:31

Tgt Ion:278 Resp: 3568
Ion Ratio Lower Upper
278 100
139 21.9 16.0 24.0
279 29.3 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 0.389 ng

RT: 28.00 min Scan# 3716

Delta R.T. 0.00 min

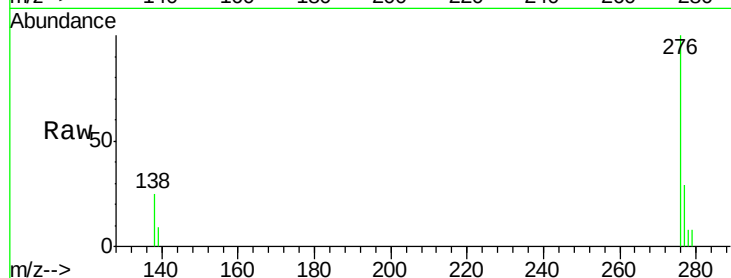
Lab File: BE096249.D

Acq: 1 May 2018 7:31

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 3554

Ion Ratio Lower Upper

276 100

277 28.6 16.0 24.0#

138 25.3 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

