

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051618\
 Data File : BE096591.D
 Acq On : 16 May 2018 12:00
 Operator : SJ/JU
 Sample : PB108645BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 17 03:54:06 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 15 13:02:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	835	0.40	ng	0.00
7) Naphthalene-d8	11.18	136	3116	0.40	ng	0.00
13) Acenaphthene-d10	14.92	164	1596	0.40	ng	0.00
19) Phenanthrene-d10	17.64	188	3242	0.40	ng	0.00
27) Chrysene-d12	21.73	240	3464	0.40	ng	0.00
34) Perylene-d12	24.33	264	3363	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.85	112	859	0.37	ng	0.00
5) Phenol-d6	7.50	99	1127	0.35	ng	0.00
8) Nitrobenzene-d5	9.53	82	1207	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.72	152	1683	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.40	330	196	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.56	172	2547	0.37	ng	0.00
25) Fluoranthene-d10	19.62	212	13954	0.35	ng	0.00
29) Terphenyl-d14	20.18	244	2604	0.33	ng	0.00

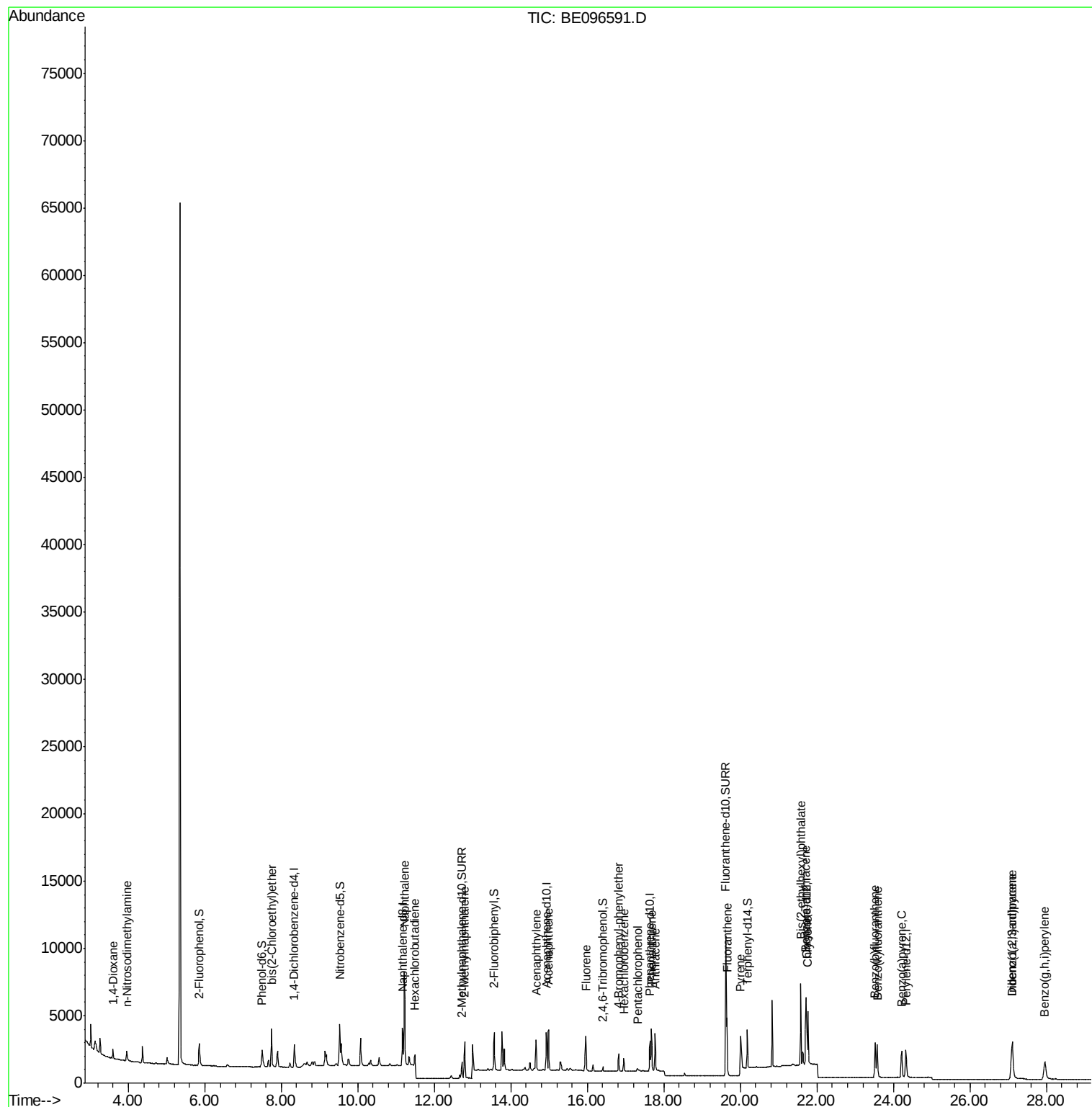
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.59	88	370	0.296	ng	92
3) n-Nitrosodimethylamine	3.95	42	604	0.386	ng	# 73
6) bis(2-Chloroethyl)ether	7.74	93	987	0.324	ng	98
9) Naphthalene	11.22	128	11749	0.358	ng	99
10) Hexachlorobutadiene	11.49	225	619	0.338	ng	94
12) 2-Methylnaphthalene	12.79	142	1944	0.346	ng	93
16) Acenaphthylene	14.66	152	2772	0.333	ng	98
17) Acenaphthene	14.99	154	1701	0.335	ng	95
18) Fluorene	15.96	166	2550	0.404	ng	# 79
20) 4-Bromophenyl-phenylether	16.82	248	635	0.323	ng	# 79
21) Hexachlorobenzene	16.95	284	669	0.326	ng	# 80
22) Pentachlorophenol	17.31	266	159	0.423	ng	83
23) Phenanthrene	17.67	178	3246	0.357	ng	98
24) Anthracene	17.77	178	2990	0.353	ng	95
26) Fluoranthene	19.65	202	3888	0.357	ng	# 96
28) Pyrene	20.00	202	2046	0.327	ng	95
30) Benzo(a)anthracene	21.72	228	3817	0.358	ng	97
31) Chrysene	21.77	228	3861	0.348	ng	98
32) Bis(2-ethylhexyl)phthalate	21.58	149	6603	0.290	ng	100
33) Indeno(1,2,3-cd)pyrene	27.10	276	4100	0.386	ng	# 94
35) Benzo(b)fluoranthene	23.52	252	3809	0.367	ng	# 92
36) Benzo(k)fluoranthene	23.57	252	3860	0.351	ng	# 90
37) Benzo(a)pyrene	24.22	252	3581	0.361	ng	# 90
38) Dibenzo(a,h)anthracene	27.10	278	3324	0.367	ng	95
39) Benzo(g,h,i)perylene	27.96	276	3528	0.372	ng	# 92

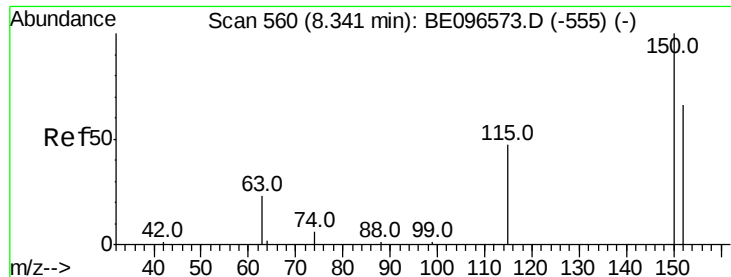
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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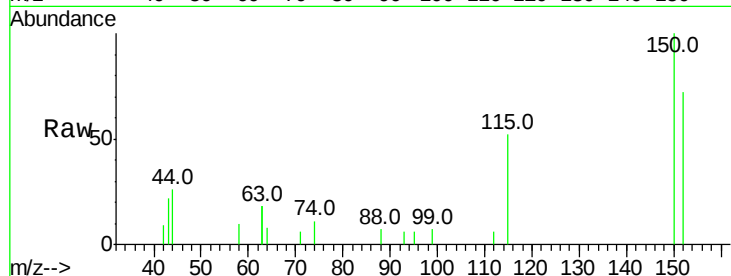


#1

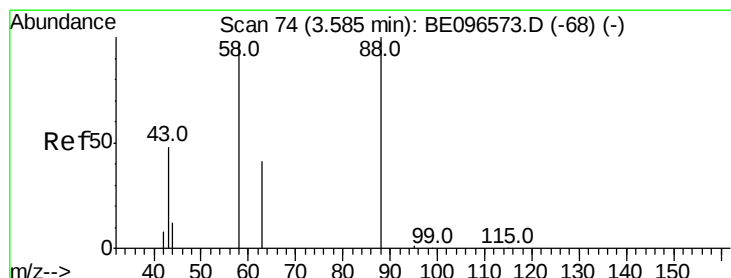
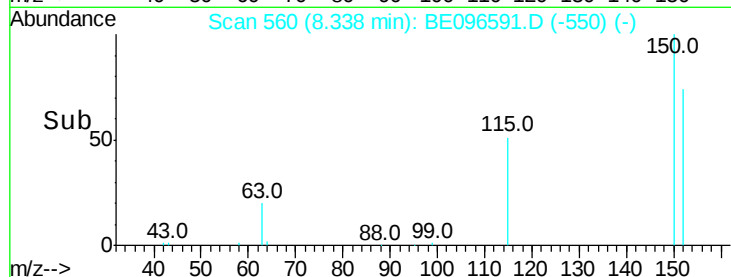
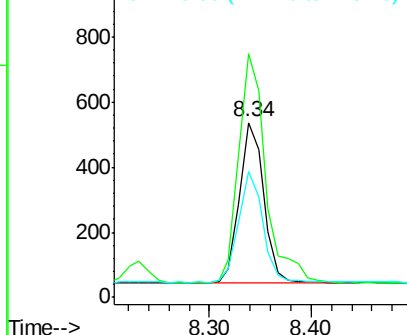
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.34 min Scan# 560
Delta R.T. -0.00 min
Lab File: BE096591.D
Acq: 16 May 2018 12:00

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 835
Ion Ratio Lower Upper
152 100
150 139.3 117.2 175.8
115 72.3 57.0 85.6



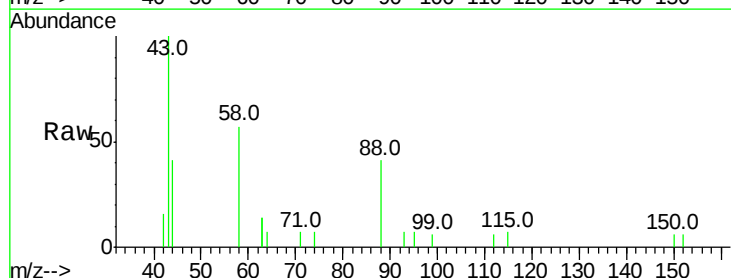
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



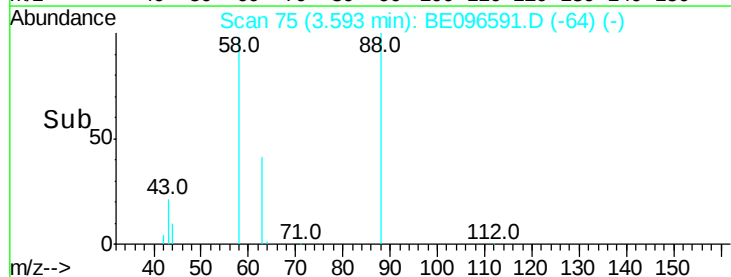
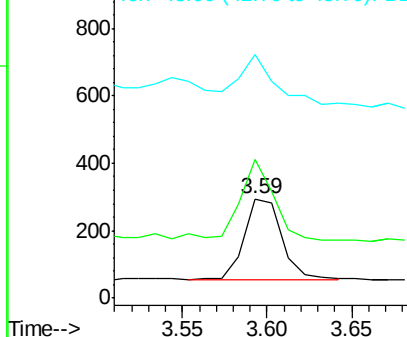
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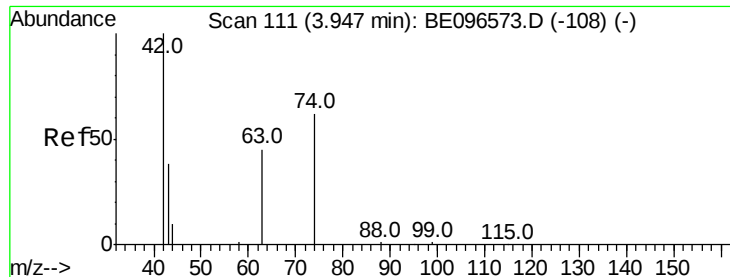
1,4-Dioxane
Concen: 0.296 ng
RT: 3.59 min Scan# 75
Delta R.T. 0.01 min
Lab File: BE096591.D
Acq: 16 May 2018 12:00

Tgt Ion: 88 Resp: 370
Ion Ratio Lower Upper
88 100
58 87.0 63.2 94.8
43 55.7 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



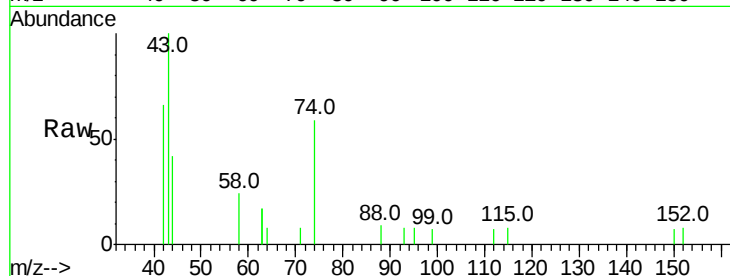


#3

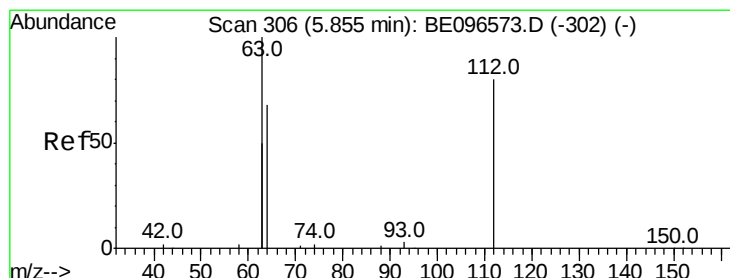
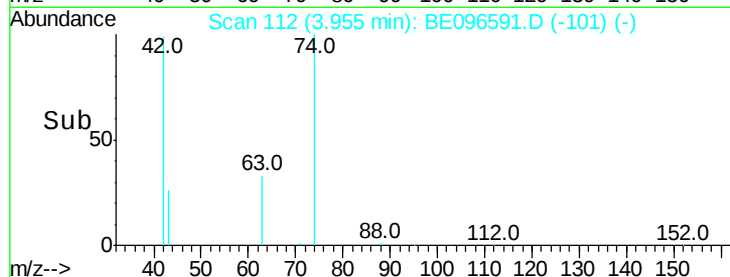
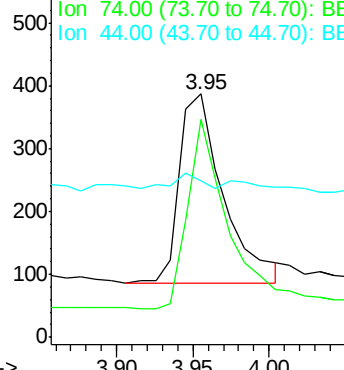
n-Nitrosodimethylamine
 Concen: 0.386 ng
 RT: 3.95 min Scan# 112
 Delta R.T. 0.01 min
 Lab File: BE096591.D
 Acq: 16 May 2018 12:00

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 42 Resp: 604
 Ion Ratio Lower Upper
 42 100
 74 89.7 96.0 144.0#
 44 5.1 12.0 18.0#



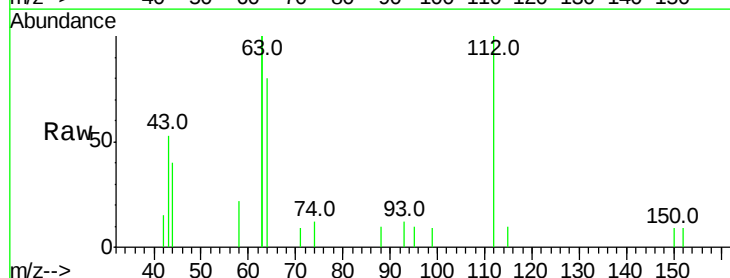
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



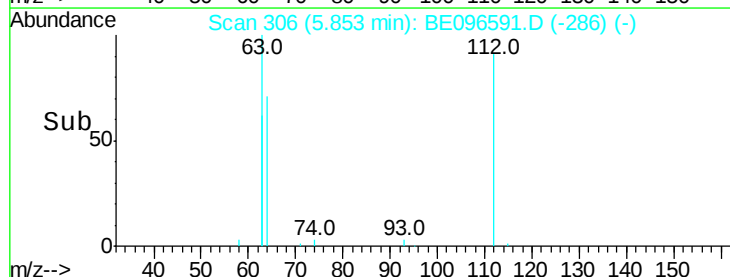
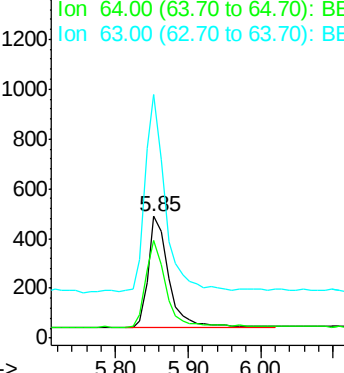
#4

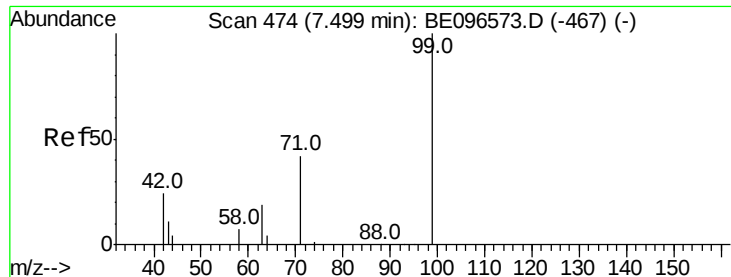
2-Fluorophenol
 Concen: 0.373 ng
 RT: 5.85 min Scan# 306
 Delta R.T. -0.00 min
 Lab File: BE096591.D
 Acq: 16 May 2018 12:00

Tgt Ion: 112 Resp: 859
 Ion Ratio Lower Upper
 112 100
 64 77.8 60.1 90.1
 63 175.9 116.8 175.2#



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: 0.346 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.00 min

Lab File: BE096591.D

Acq: 16 May 2018 12:00

Instrument :

BNA_E

ClientSampled :

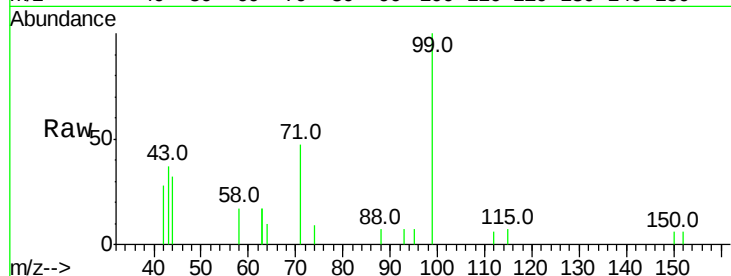
Tot Ion: 99 Resp: 1127

Ion Ratio Lower Upper

99 100

42 27.9 20.2 30.2

71 45.0 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

800

600

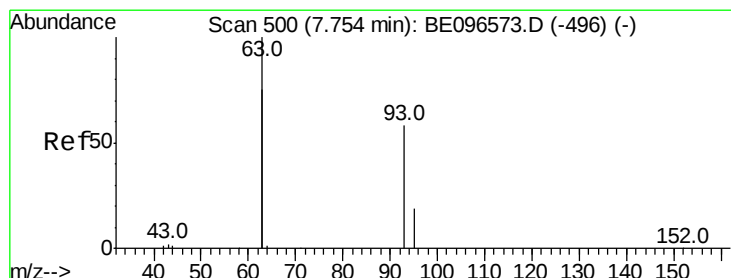
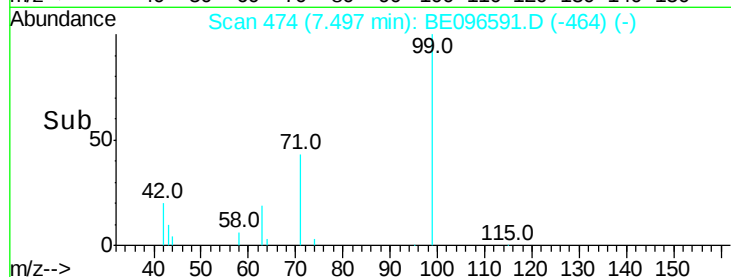
400

200

0

7.40 7.45 7.50 7.55 7.60

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.324 ng

RT: 7.74 min Scan# 499

Delta R.T. -0.01 min

Lab File: BE096591.D

Acq: 16 May 2018 12:00

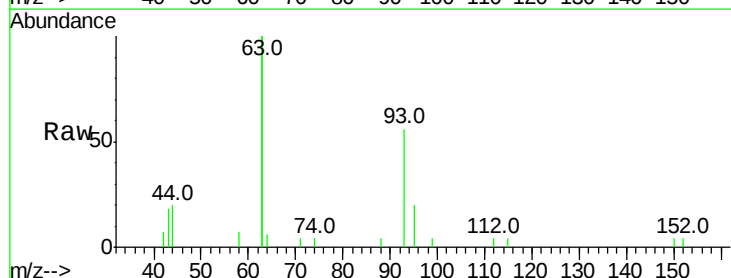
Tgt Ion: 93 Resp: 987

Ion Ratio Lower Upper

93 100

63 340.4 275.3 412.9

95 33.3 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

3000

2500

2000

1500

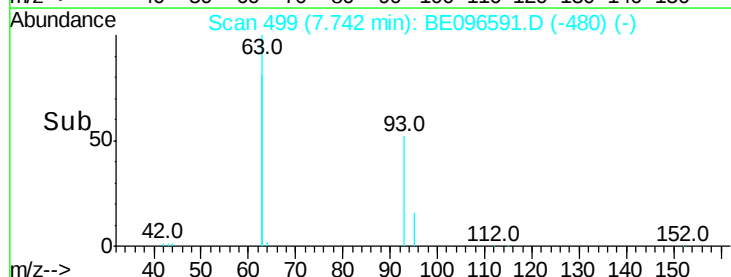
1000

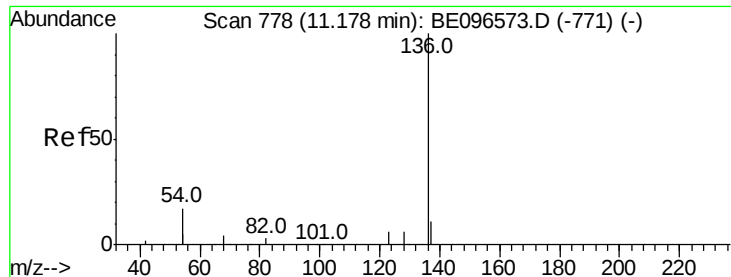
500

0

7.70 7.74 7.78 7.82 7.86 7.90

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.18 min Scan# 778

Delta R.T. 0.00 min

Lab File: BE096591.D

Acq: 16 May 2018 12:00

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3116

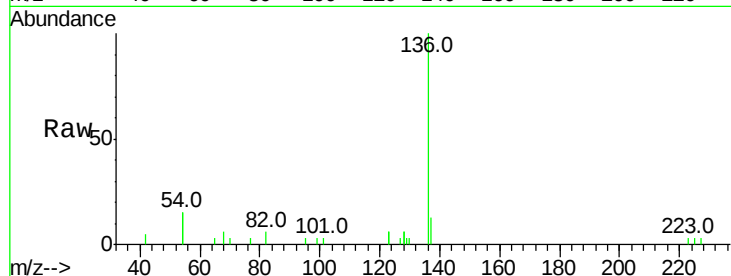
Ion Ratio Lower Upper

136 100

137 13.1 9.5 14.3

54 30.8 29.1 43.7

68 6.3 6.2 9.2

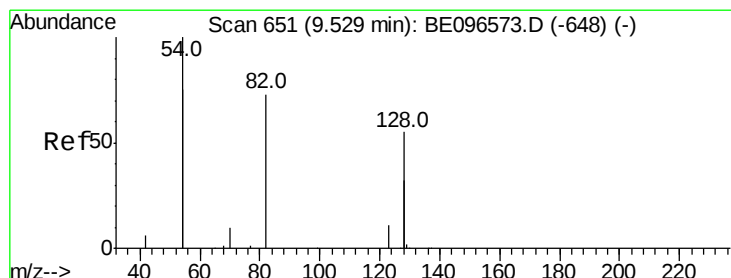
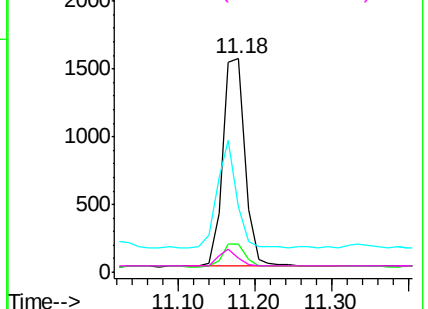
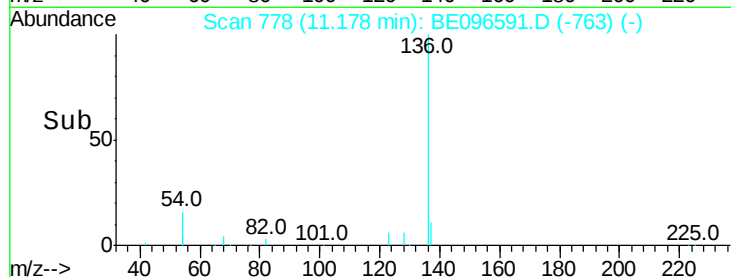


Abundance Ion 136.00 (135.70 to 136.70): E

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: 9.53 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE096591.D

Acq: 16 May 2018 12:00

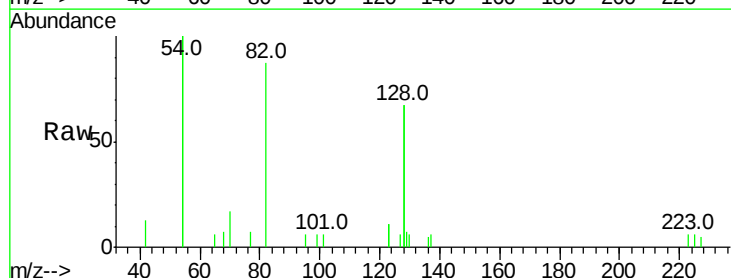
Tgt Ion: 82 Resp: 1207

Ion Ratio Lower Upper

82 100

128 153.7 150.0 225.0

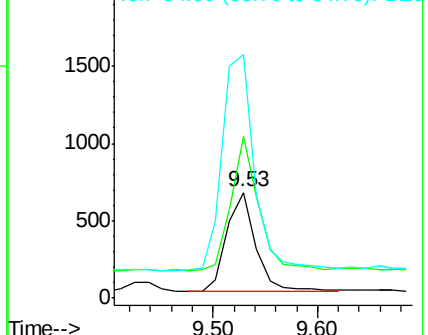
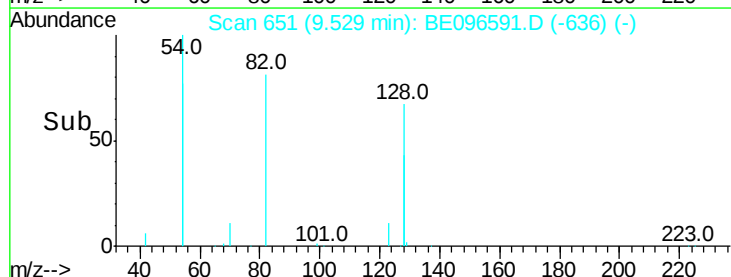
54 230.8 154.2 231.4

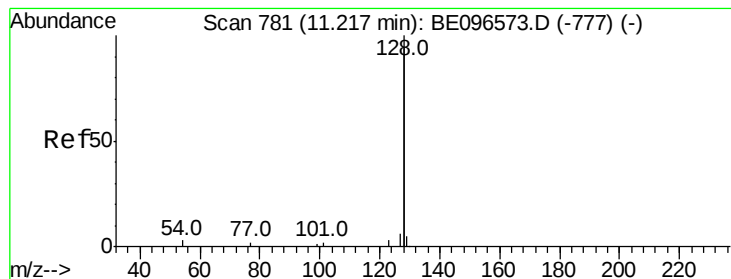


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.358 ng

RT: 11.22 min Scan# 781

Delta R.T. 0.00 min

Lab File: BE096591.D

Acq: 16 May 2018 12:00

Instrument :

BNA_E

ClientSampleId :

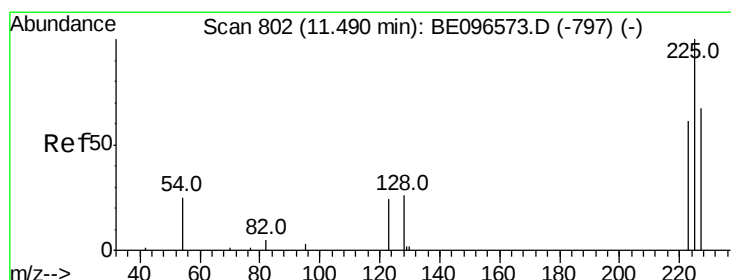
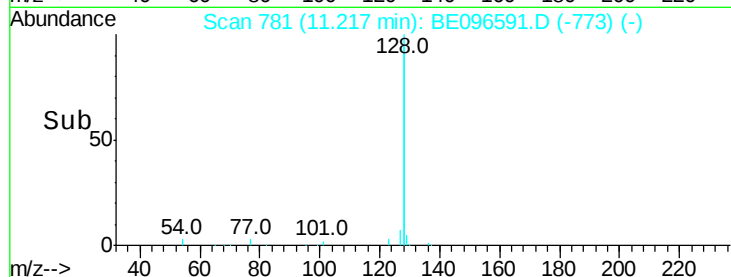
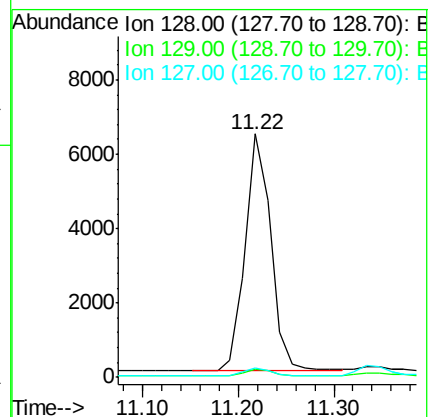
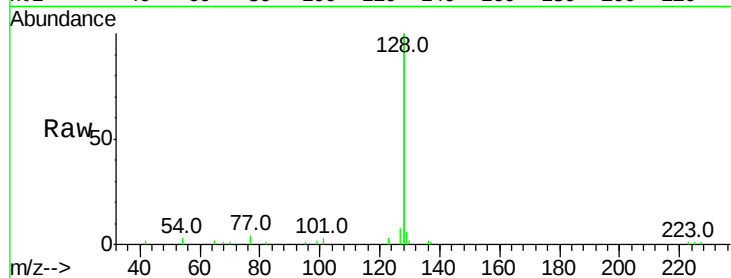
Tot Ion:128 Resp: 11749

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

127 4.0 2.8 4.2



#10

Hexachlorobutadiene

Concen: 0.338 ng

RT: 11.49 min Scan# 802

Delta R.T. 0.00 min

Lab File: BE096591.D

Acq: 16 May 2018 12:00

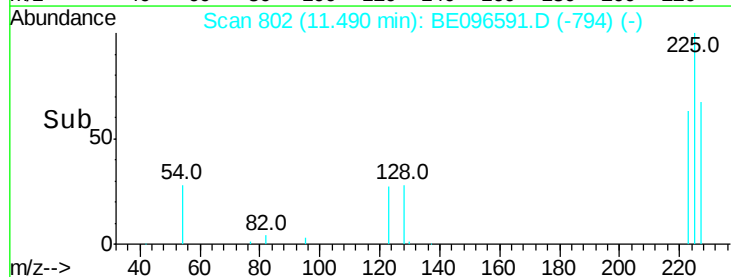
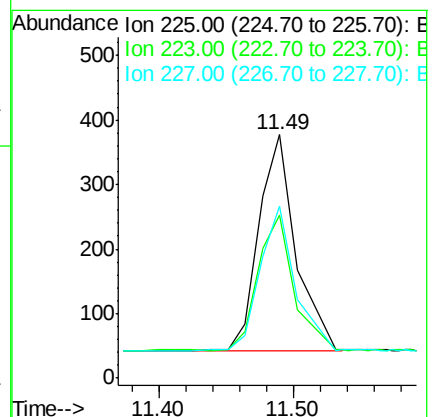
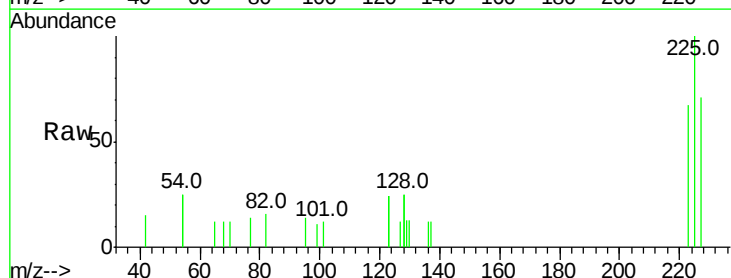
Tgt Ion:225 Resp: 619

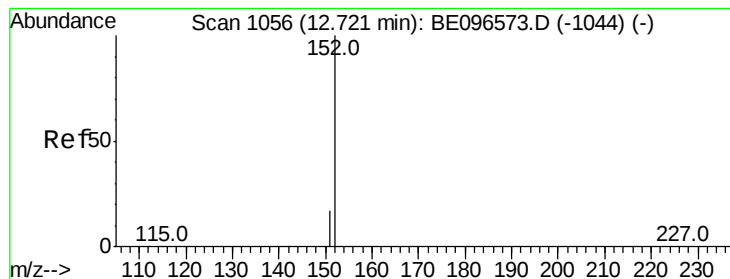
Ion Ratio Lower Upper

225 100

223 57.7 53.0 79.6

227 64.0 51.4 77.2





#11

2-Methylnaphthalene-d10

Concen: 0.331 ng

RT: 12.72 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BE096591.D

Acq: 16 May 2018 12:00

Instrument :

BNA_E

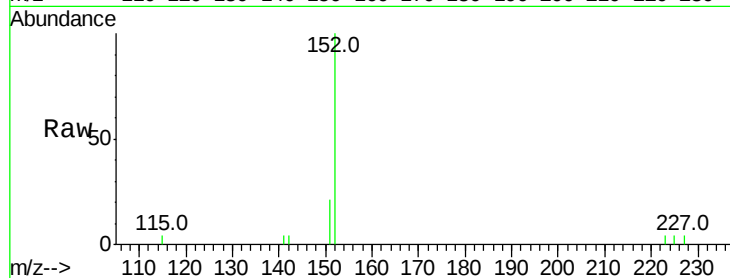
ClientSampled :

Tot Ion:152 Resp: 1683

Ion Ratio Lower Upper

152 100

151 19.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

1200

1000

800

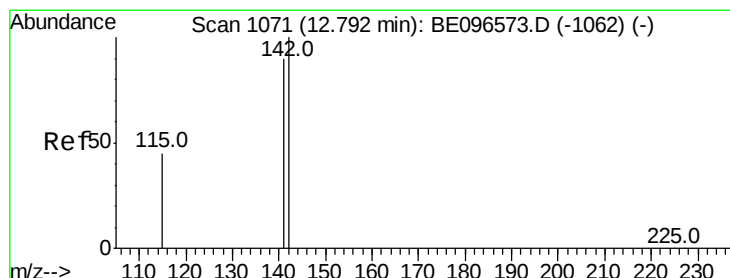
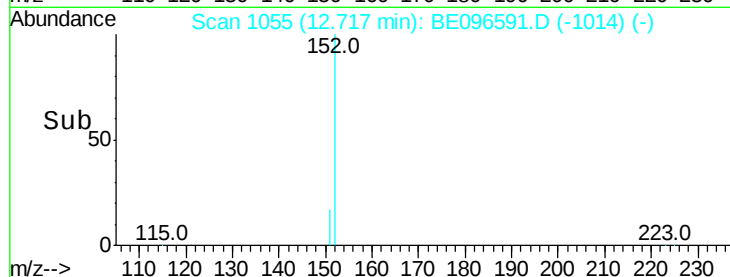
600

400

200

0

Time--> 12.65 12.70 12.75 12.80



#12

2-Methylnaphthalene

Concen: 0.346 ng

RT: 12.79 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BE096591.D

Acq: 16 May 2018 12:00

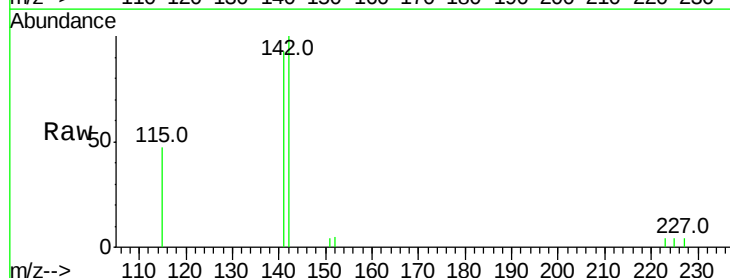
Tgt Ion:142 Resp: 1944

Ion Ratio Lower Upper

142 100

141 92.7 70.4 105.6

115 47.1 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

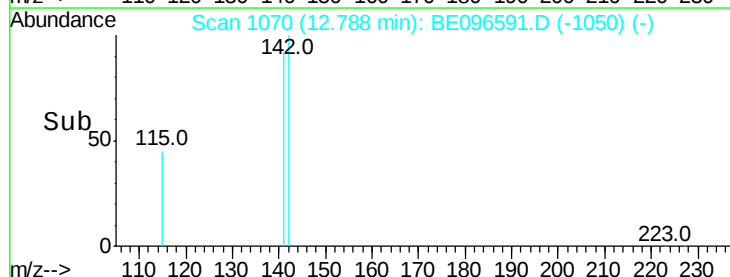
1500

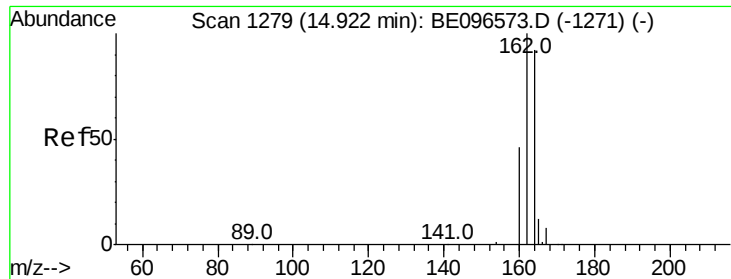
1000

500

0

Time--> 12.70 12.80 12.90

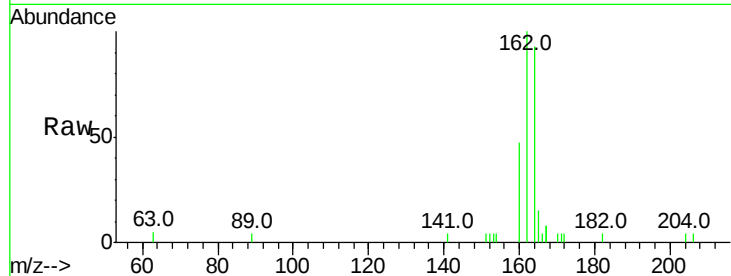




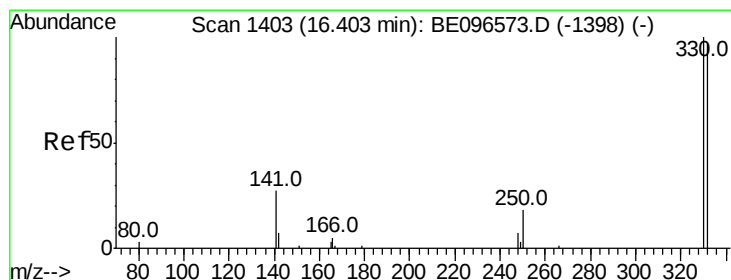
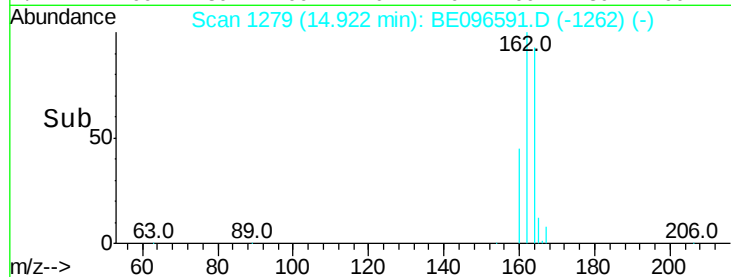
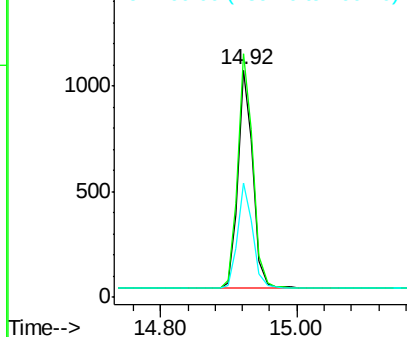
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.92 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BE096591.D
 Acq: 16 May 2018 12:00

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 1596
 Ion Ratio Lower Upper
 164 100
 162 107.2 83.1 124.7
 160 50.2 37.1 55.7

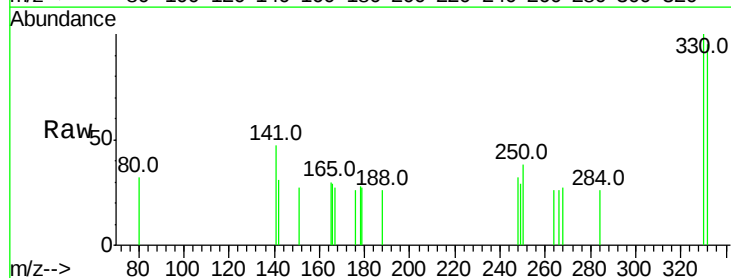


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

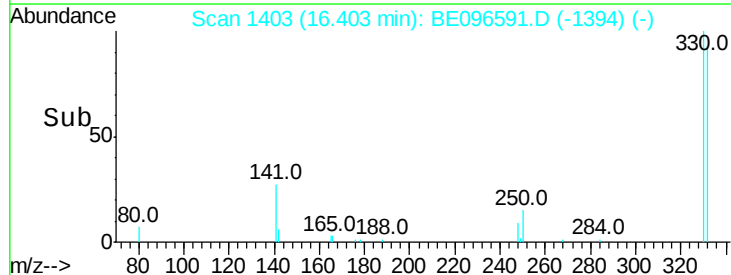
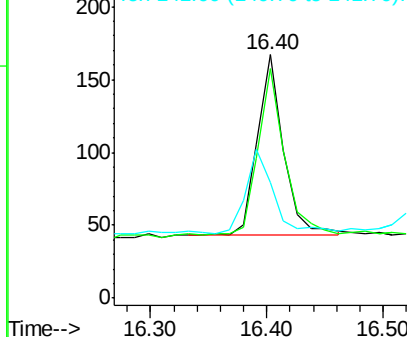


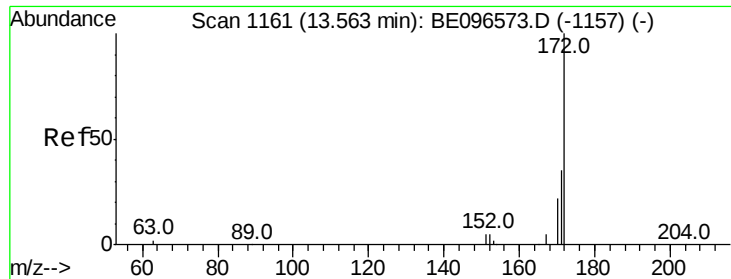
#14
 2,4,6-Tribromophenol
 Concen: 0.311 ng
 RT: 16.40 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BE096591.D
 Acq: 16 May 2018 12:00

Tgt Ion:330 Resp: 196
 Ion Ratio Lower Upper
 330 100
 332 94.4 152.7 229.1#
 141 51.0 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

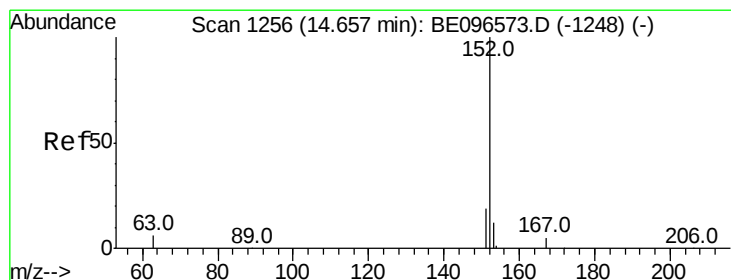
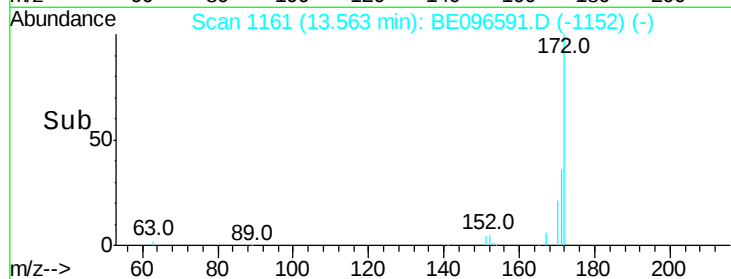
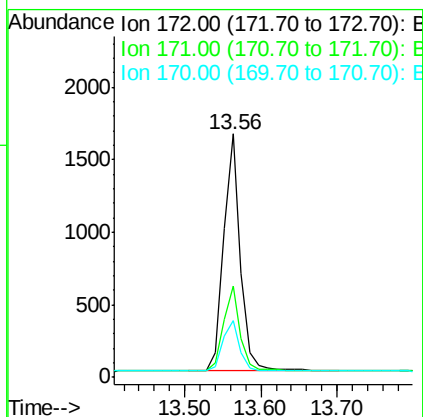
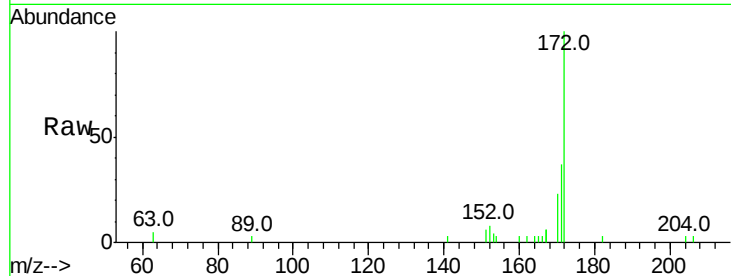




#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 13.56 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BE096591.D
Acq: 16 May 2018 12:00

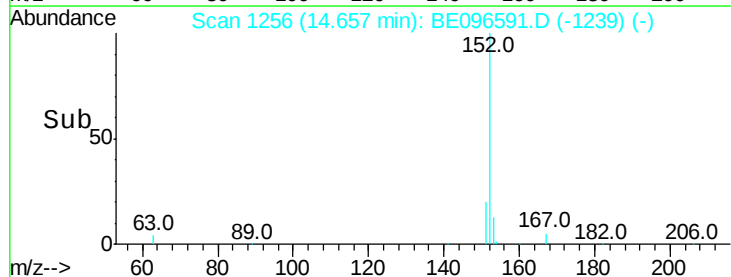
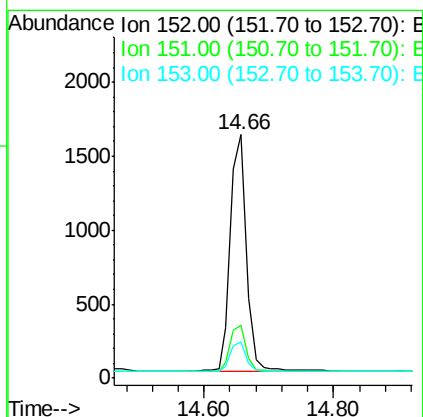
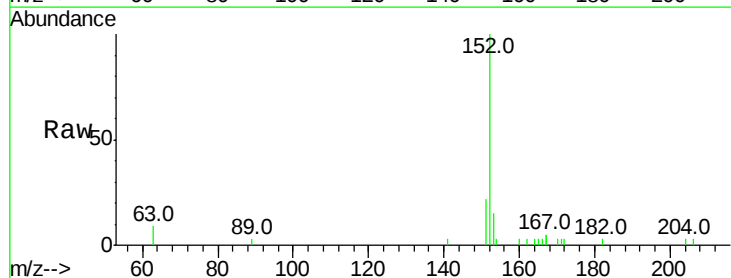
Instrument :
BNA_E
ClientSampleId :

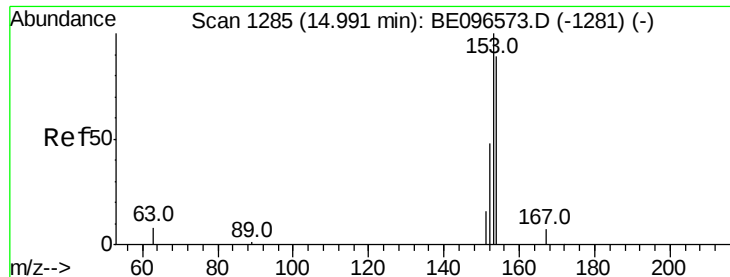
Tot Ion:172 Resp: 2547
Ion Ratio Lower Upper
172 100
171 37.3 29.9 44.9
170 23.4 21.8 32.8



#16
Acenaphthylene
Concen: 0.333 ng
RT: 14.66 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BE096591.D
Acq: 16 May 2018 12:00

Tgt Ion:152 Resp: 2772
Ion Ratio Lower Upper
152 100
151 20.4 15.7 23.5
153 12.3 10.5 15.7





#17

Acenaphthene

Concen: 0.335 ng

RT: 14.99 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BE096591.D

Acq: 16 May 2018 12:00

Instrument :

BNA_E

ClientSampleId :

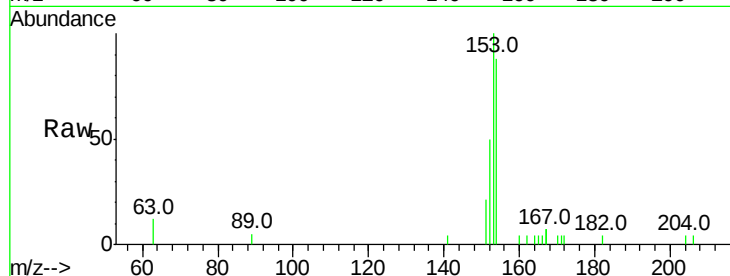
Tot Ion:154 Resp: 1701

Ion Ratio Lower Upper

154 100

153 115.9 89.2 133.8

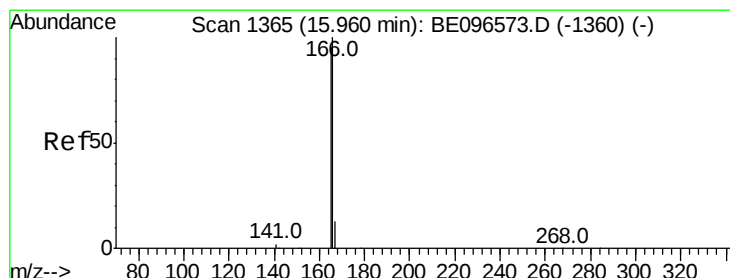
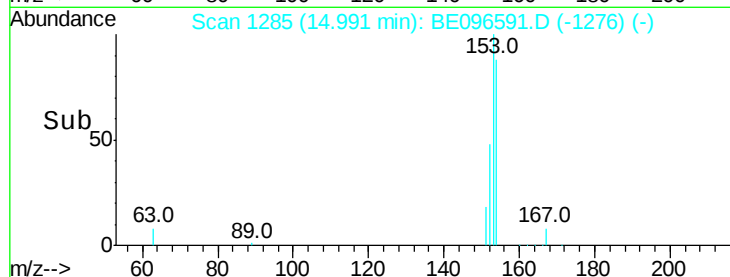
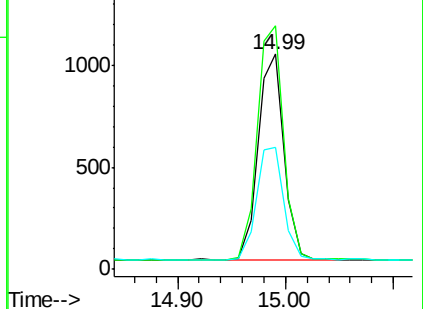
152 57.3 42.0 63.0



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: 0.404 ng

RT: 15.96 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BE096591.D

Acq: 16 May 2018 12:00

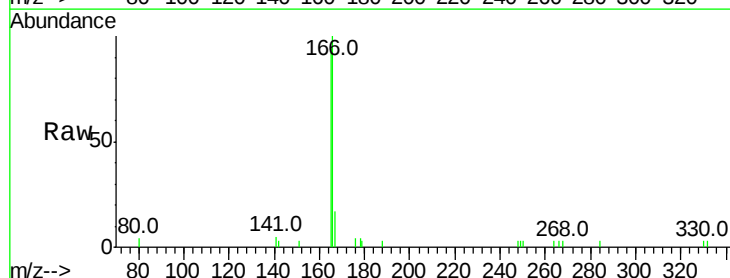
Tgt Ion:166 Resp: 2550

Ion Ratio Lower Upper

166 100

165 97.3 77.8 116.6

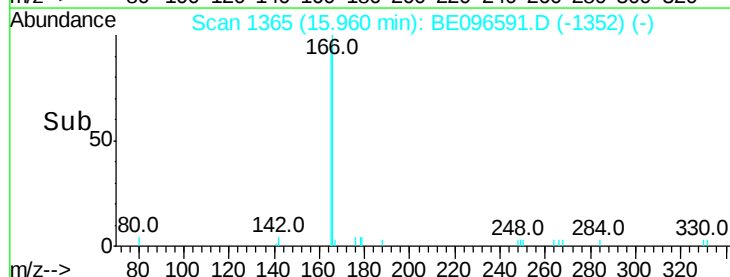
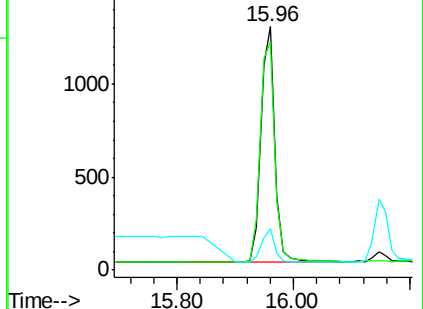
167 11.4 42.4 63.6#

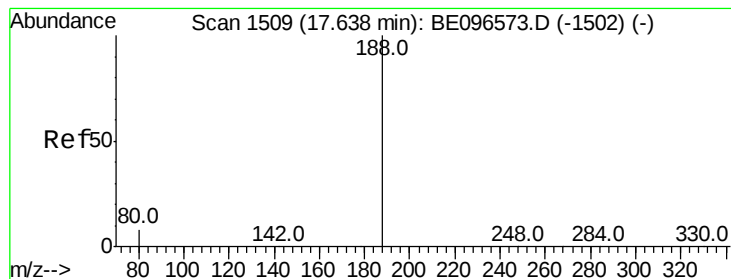


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.64 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BE096591.D

Acq: 16 May 2018 12:00

Instrument :

BNA_E

ClientSampleId :

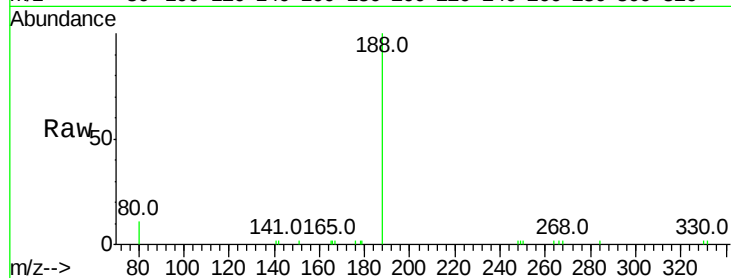
Tot Ion:188 Resp: 3242

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

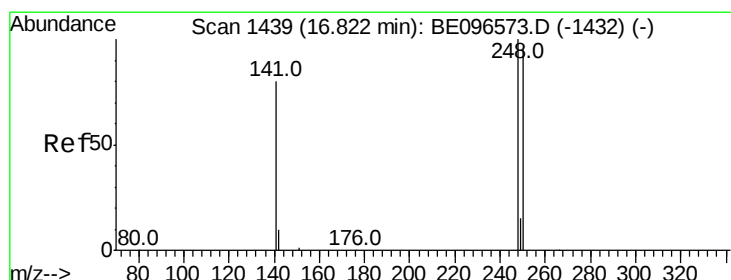
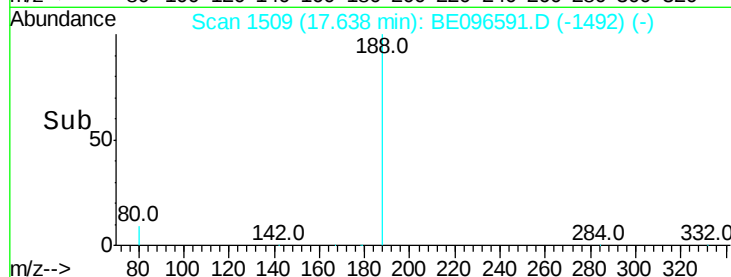
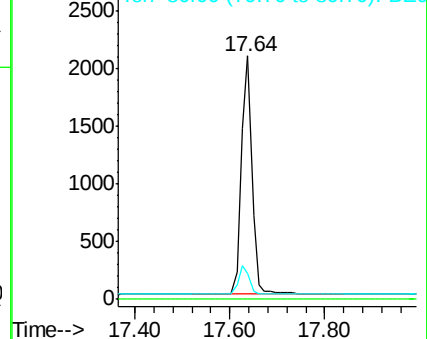
80 10.8 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.323 ng

RT: 16.82 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BE096591.D

Acq: 16 May 2018 12:00

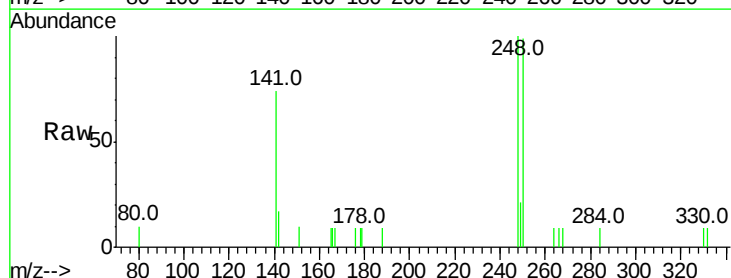
Tgt Ion:248 Resp: 635

Ion Ratio Lower Upper

248 100

250 99.0 62.7 94.1#

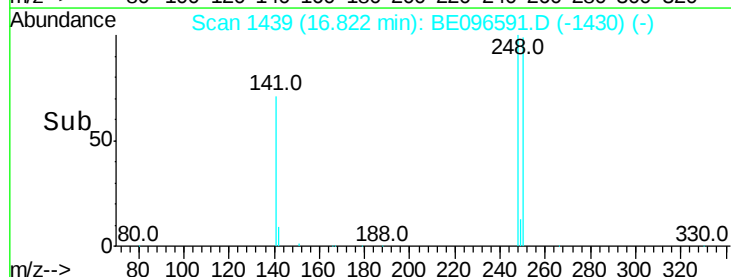
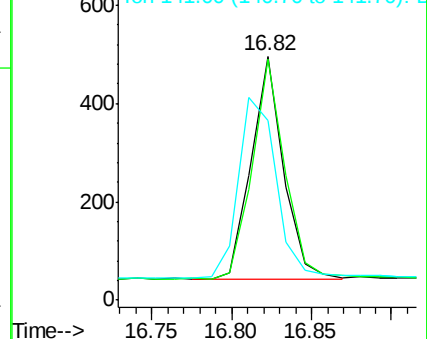
141 73.8 48.2 72.2#

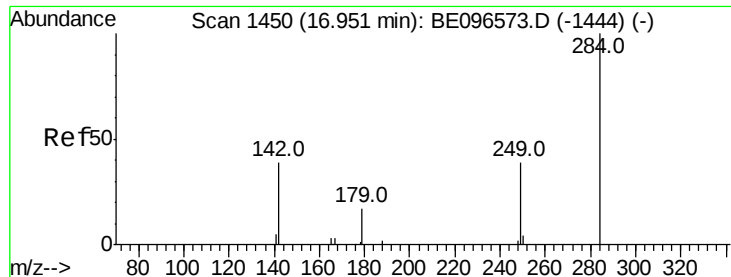


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.326 ng

RT: 16.95 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BE096591.D

Acq: 16 May 2018 12:00

Instrument :

BNA_E

ClientSampleId :

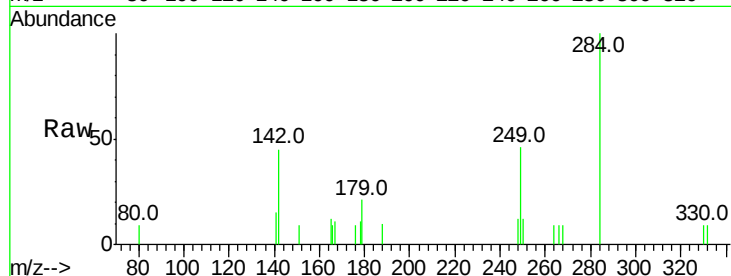
Tot Ion:284 Resp: 669

Ion Ratio Lower Upper

284 100

142 46.9 22.1 33.1#

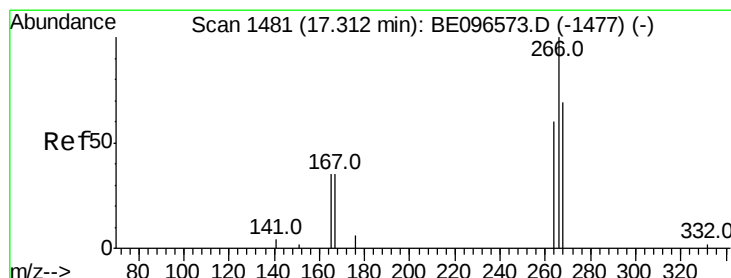
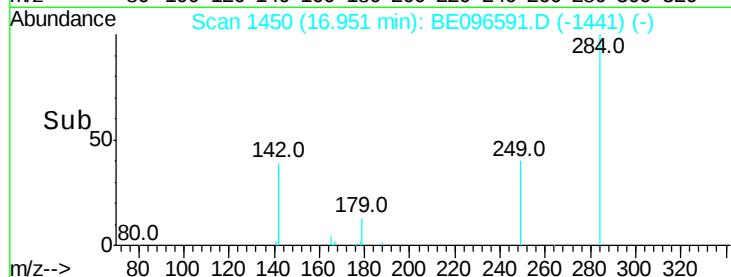
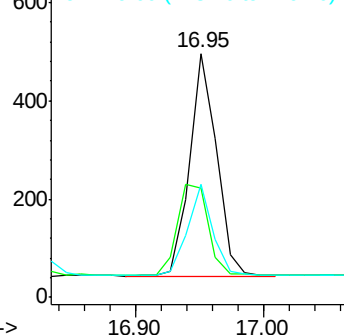
249 37.8 34.8 52.2



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: 0.423 ng

RT: 17.31 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE096591.D

Acq: 16 May 2018 12:00

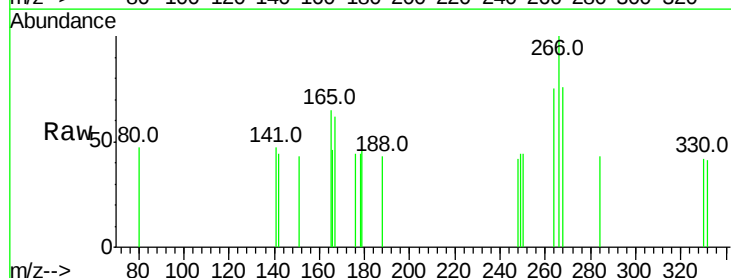
Tgt Ion:266 Resp: 159

Ion Ratio Lower Upper

266 100

264 74.8 72.5 108.7

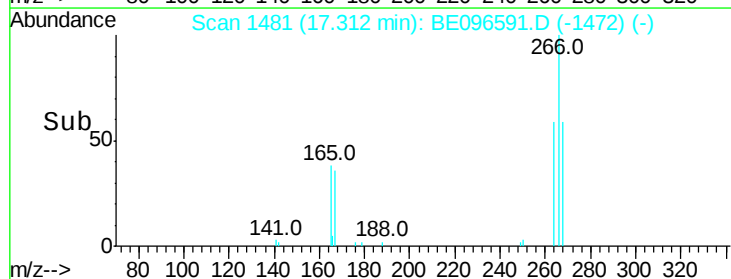
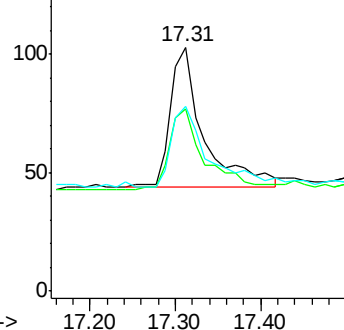
268 75.7 73.8 110.6

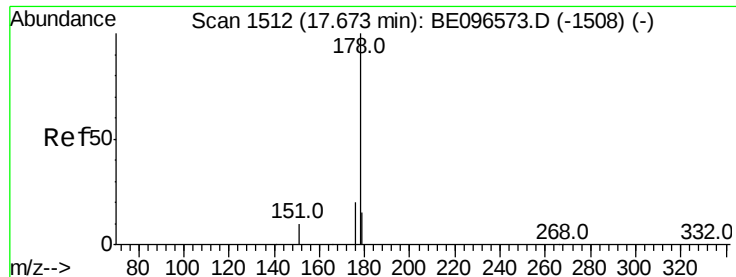


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.357 ng

RT: 17.67 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BE096591.D

Acq: 16 May 2018 12:00

Instrument :

BNA_E

ClientSampled :

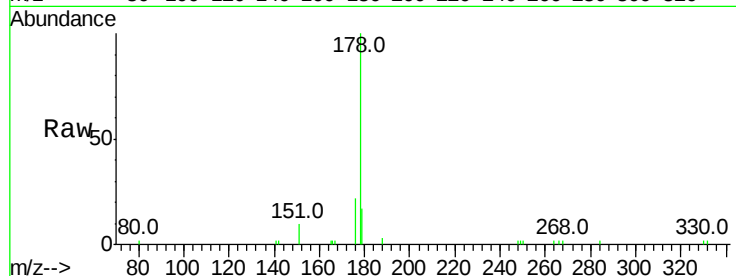
Tot Ion:178 Resp: 3246

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

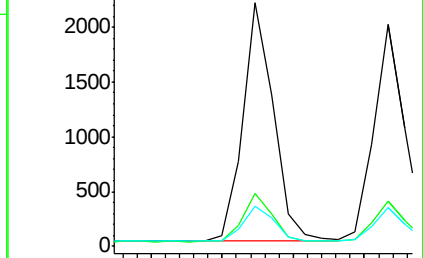
179 15.5 11.8 17.6



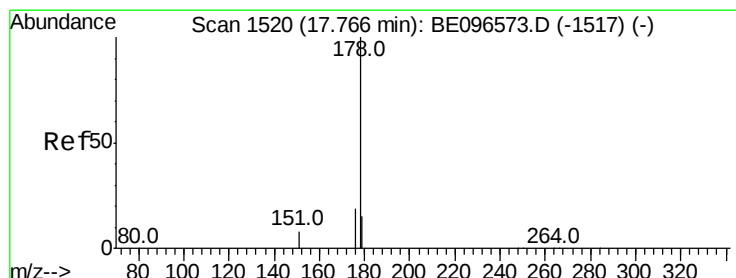
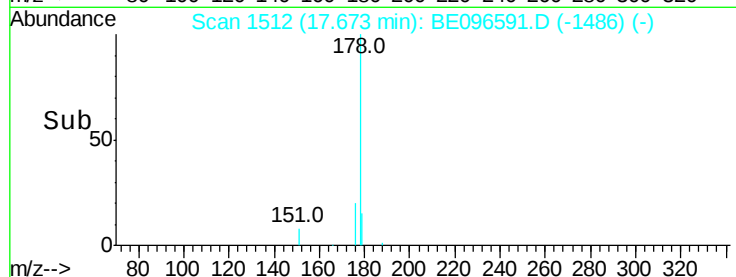
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.353 ng

RT: 17.77 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BE096591.D

Acq: 16 May 2018 12:00

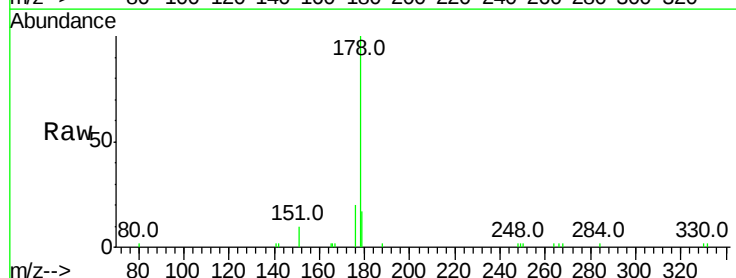
Tgt Ion:178 Resp: 2990

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

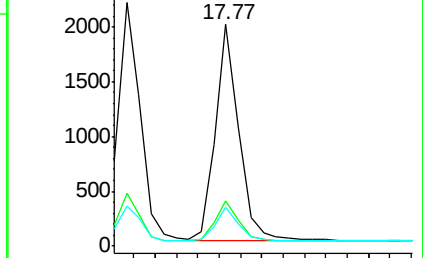
179 15.3 13.0 19.6



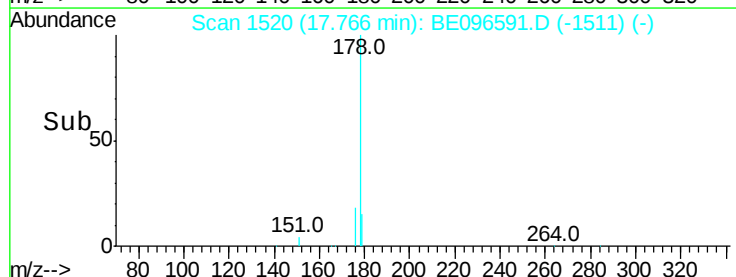
Abundance Ion 178.00 (177.70 to 178.70): E

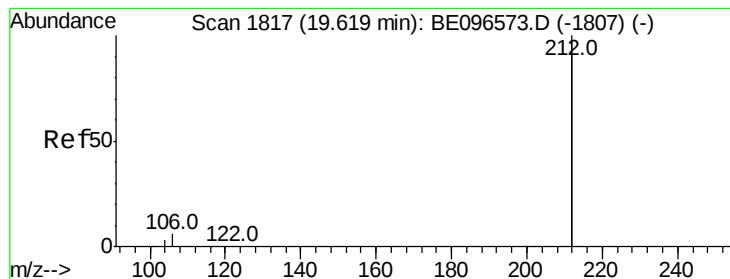
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.352 ng

RT: 19.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BE096591.D

Acq: 16 May 2018 12:00

Instrument :

BNA_E

ClientSampleId :

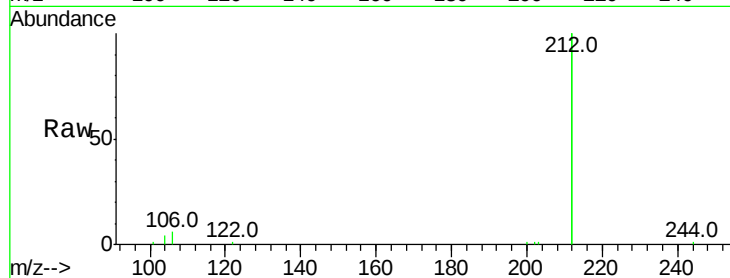
Tot Ion:212 Resp: 13954

Ion Ratio Lower Upper

212 100

106 2.7 2.8 4.2#

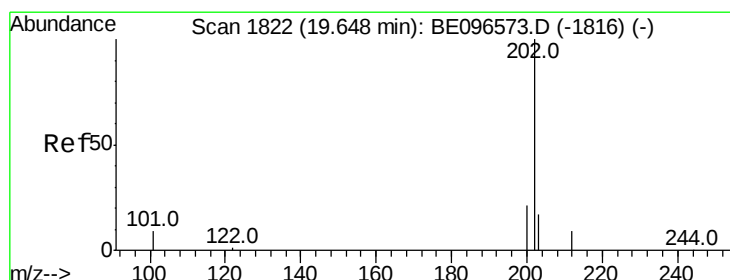
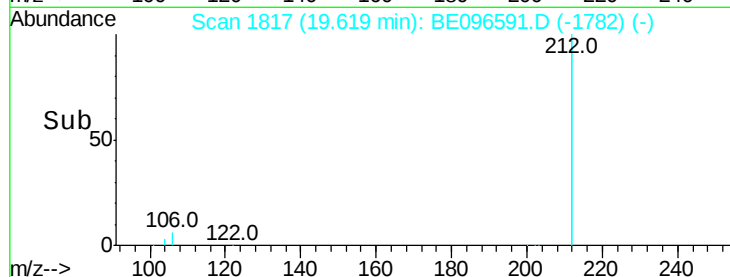
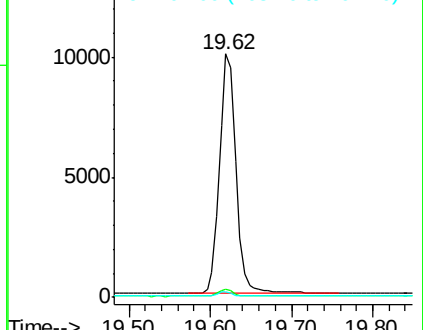
104 1.6 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.357 ng

RT: 19.65 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BE096591.D

Acq: 16 May 2018 12:00

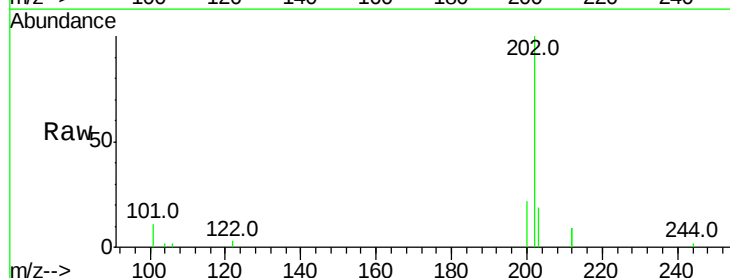
Tgt Ion:202 Resp: 3888

Ion Ratio Lower Upper

202 100

101 8.9 9.8 14.8#

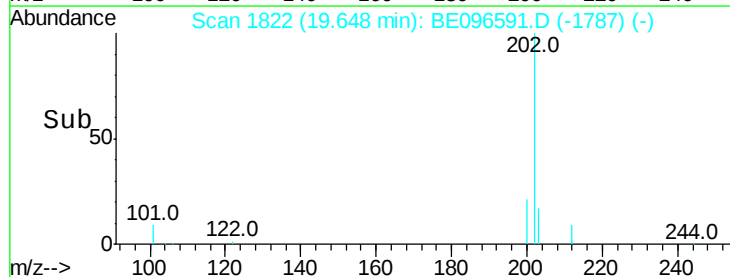
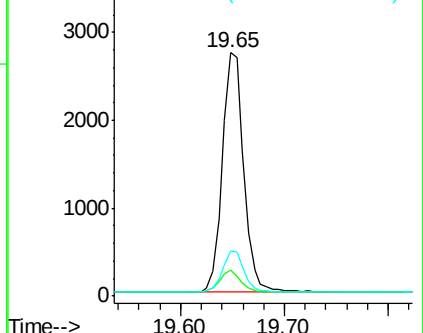
203 17.3 13.7 20.5

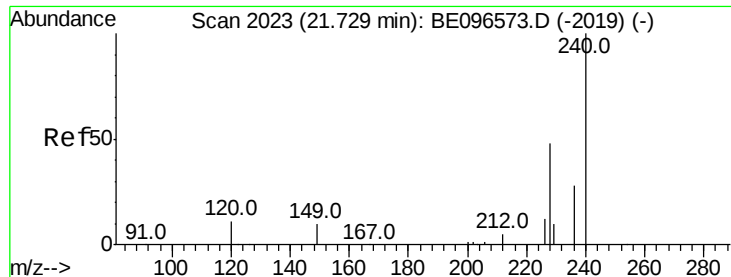


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.73 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BE096591.D

Acq: 16 May 2018 12:00

Instrument :

BNA_E

ClientSampleId :

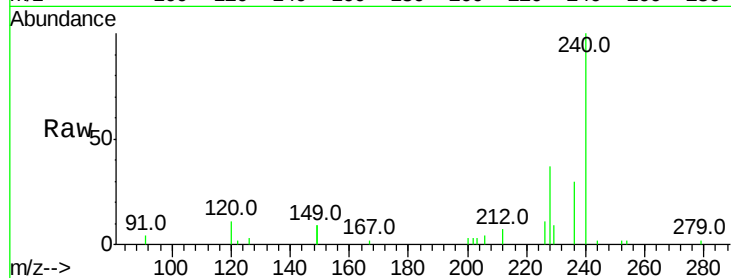
Tot Ion:240 Resp: 3464

Ion Ratio Lower Upper

240 100

120 11.2 5.5 8.3#

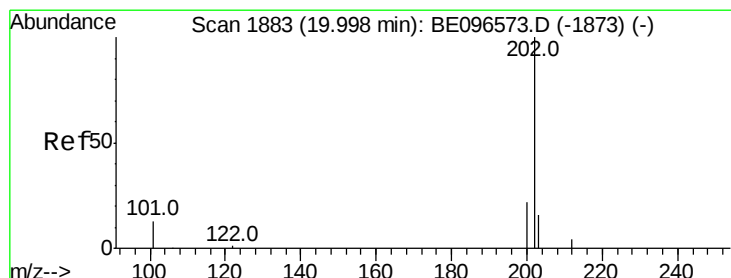
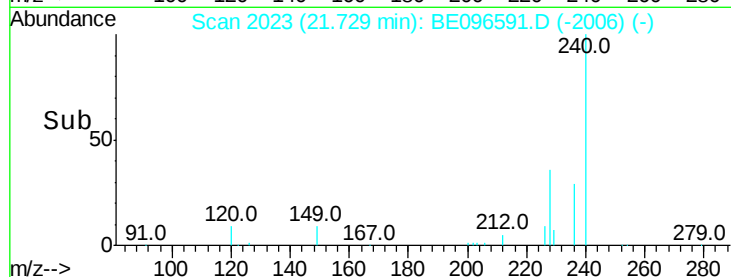
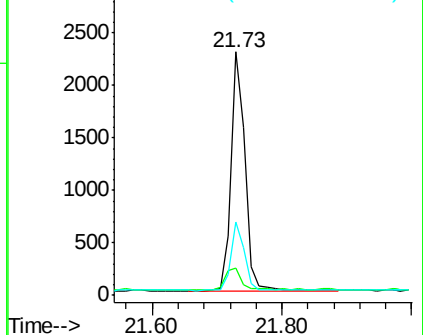
236 30.3 20.7 31.1



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: 0.327 ng

RT: 20.00 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BE096591.D

Acq: 16 May 2018 12:00

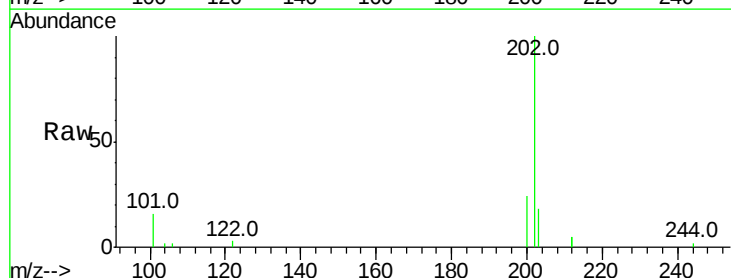
Tgt Ion:202 Resp: 2046

Ion Ratio Lower Upper

202 100

200 23.1 16.6 25.0

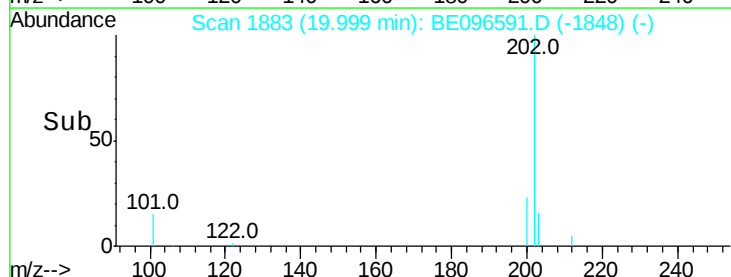
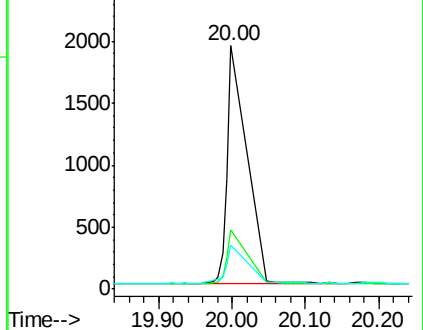
203 19.4 13.8 20.8

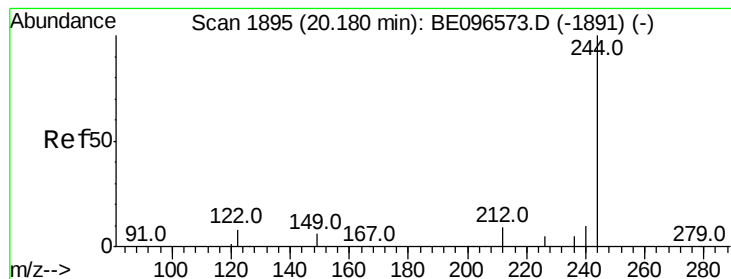


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.332 ng

RT: 20.18 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BE096591.D

Acq: 16 May 2018 12:00

Instrument :

BNA_E

ClientSampled :

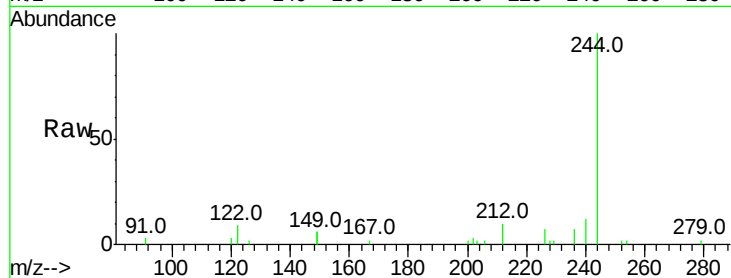
Tot Ion:244 Resp: 2604

Ion Ratio Lower Upper

244 100

212 10.2 25.4 38.0#

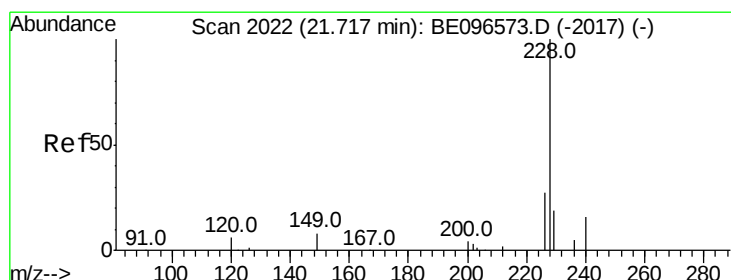
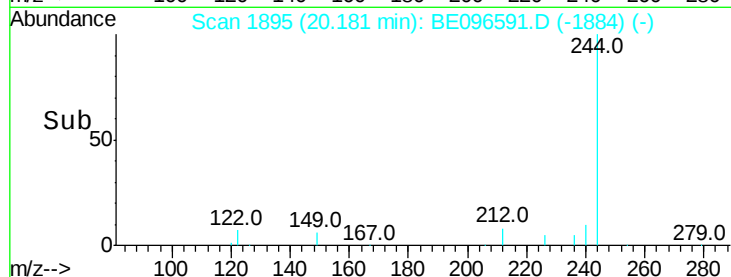
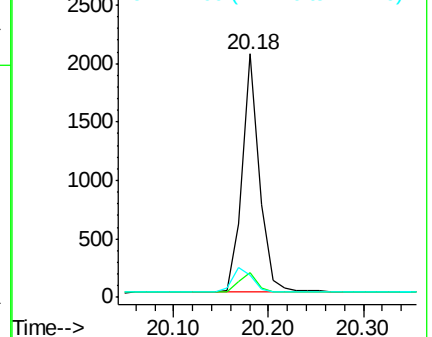
122 9.3 8.1 12.1



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: 0.358 ng

RT: 21.72 min Scan# 222

Delta R.T. 0.00 min

Lab File: BE096591.D

Acq: 16 May 2018 12:00

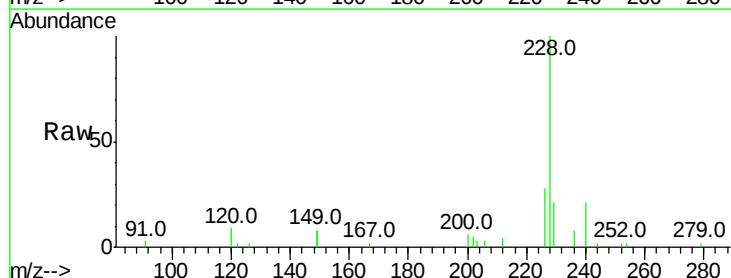
Tgt Ion:228 Resp: 3817

Ion Ratio Lower Upper

228 100

226 28.1 24.0 36.0

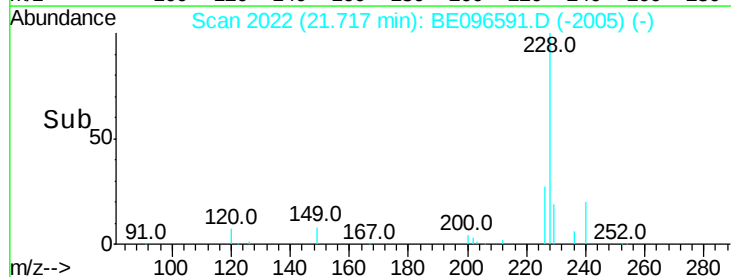
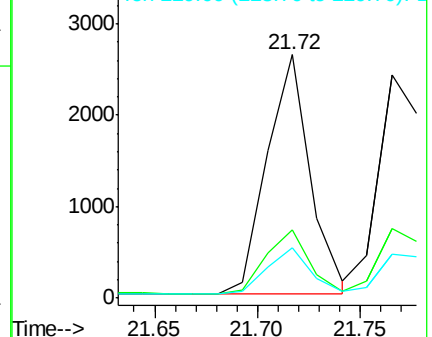
229 20.9 16.0 24.0

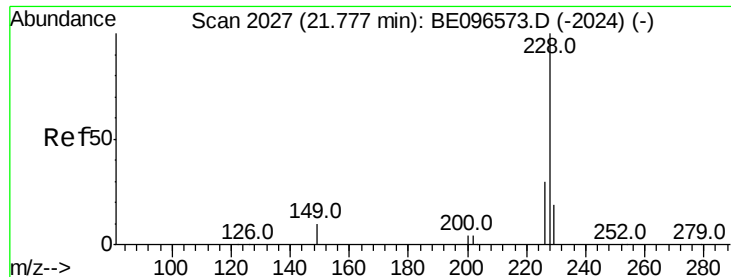


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.348 ng

RT: 21.77 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BE096591.D

Acq: 16 May 2018 12:00

Instrument :

BNA_E

ClientSampleId :

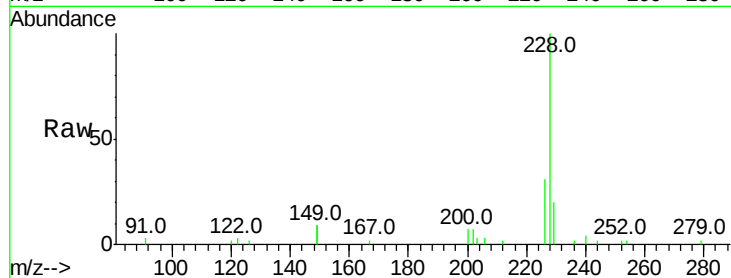
Tot Ion:228 Resp: 3861

Ion Ratio Lower Upper

228 100

226 31.1 24.0 36.0

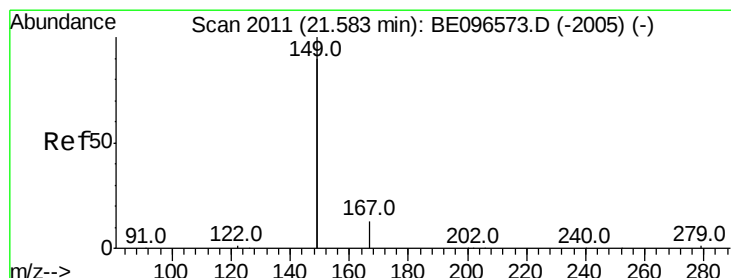
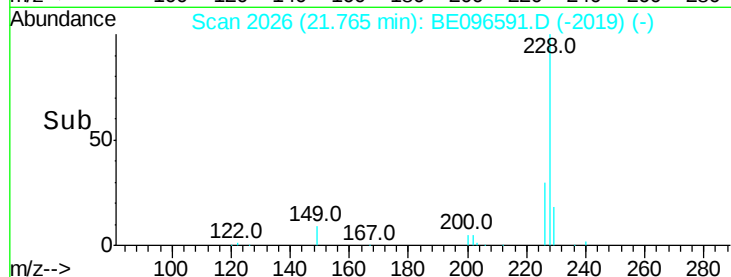
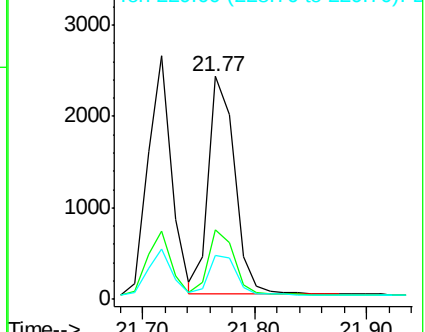
229 19.6 16.0 24.0



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: 0.290 ng

RT: 21.58 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BE096591.D

Acq: 16 May 2018 12:00

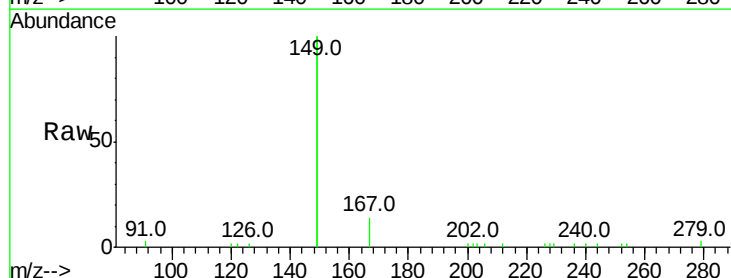
Tgt Ion:149 Resp: 6603

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

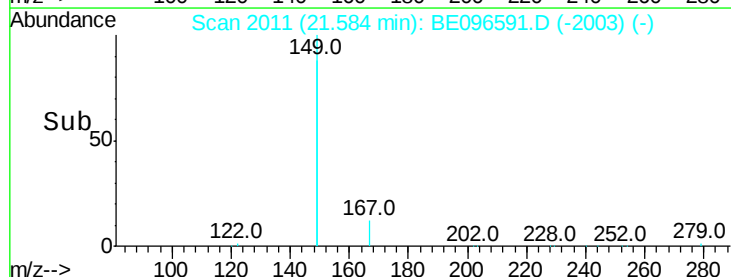
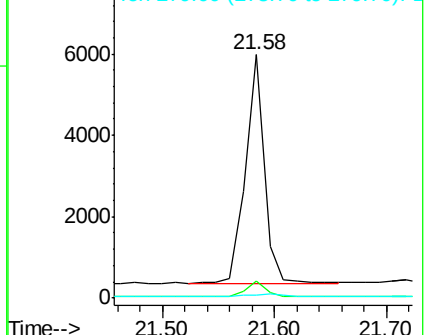
279 0.9 0.7 1.1

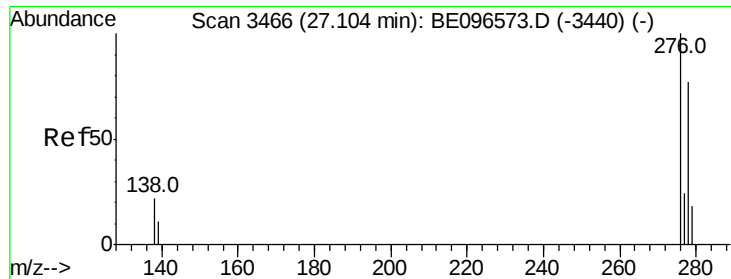


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

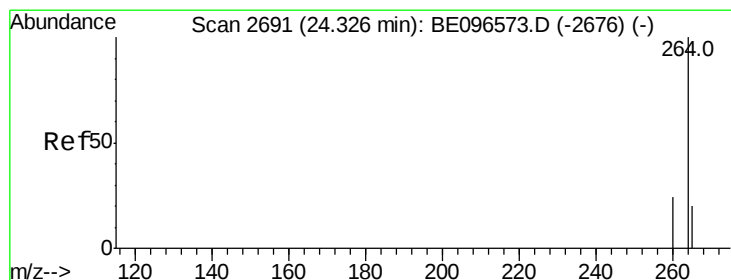
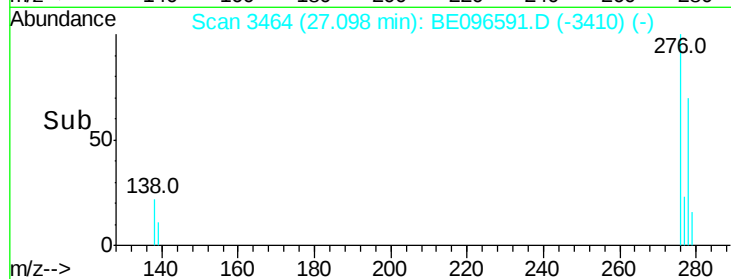
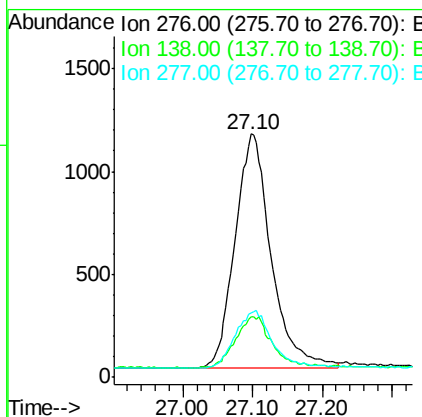
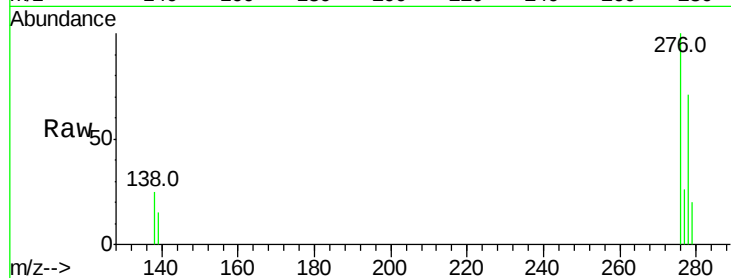




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.386 ng
 RT: 27.10 min Scan# 3464
 Delta R.T. -0.01 min
 Lab File: BE096591.D
 Acq: 16 May 2018 12:00

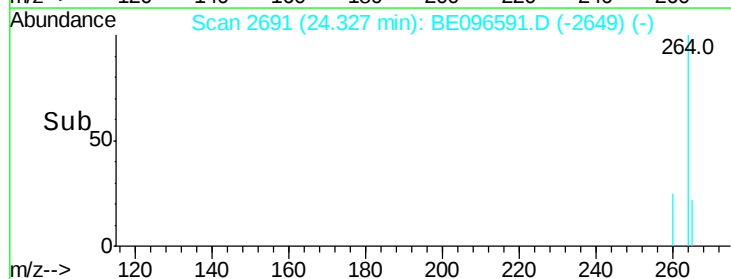
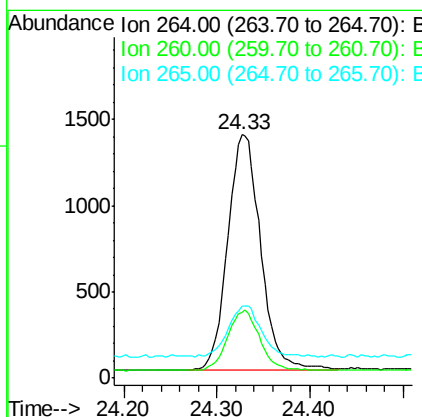
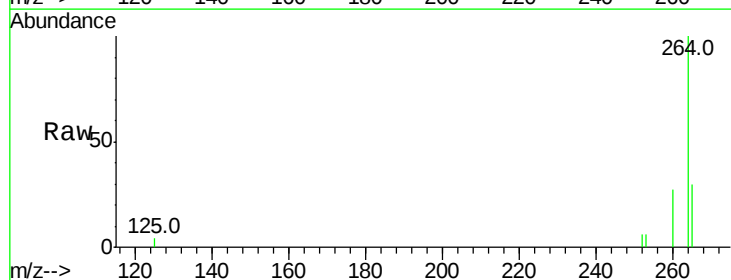
Instrument :
 BNA_E
 ClientSampleId :

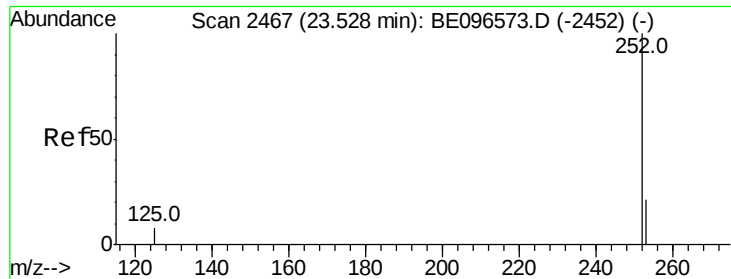
Tot Ion:276 Resp: 4100
 Ion Ratio Lower Upper
 276 100
 138 21.9 22.5 33.7#
 277 24.7 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.33 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: BE096591.D
 Acq: 16 May 2018 12:00

Tgt Ion:264 Resp: 3363
 Ion Ratio Lower Upper
 264 100
 260 26.9 20.5 30.7
 265 29.7 22.8 34.2

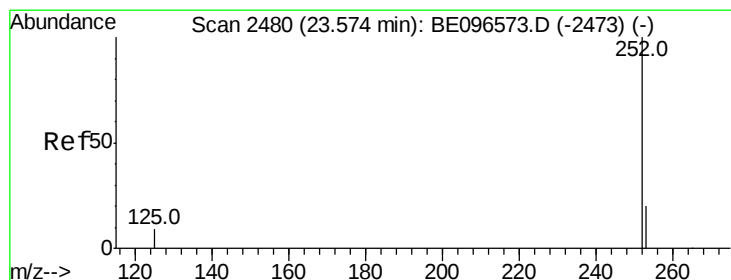
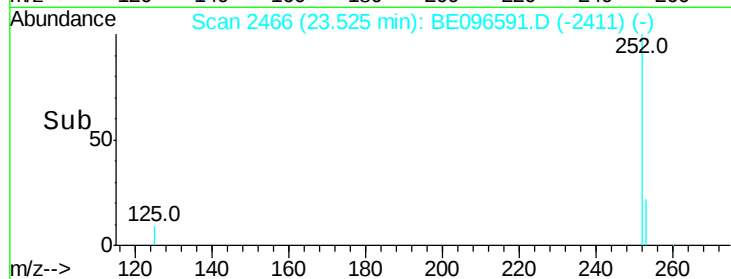
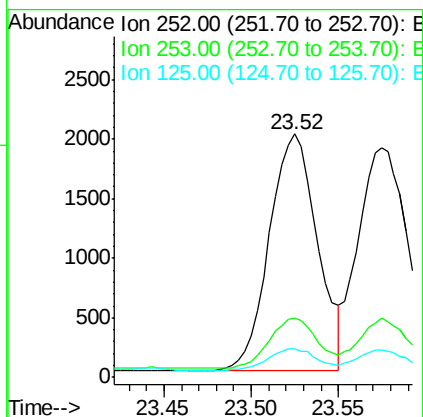
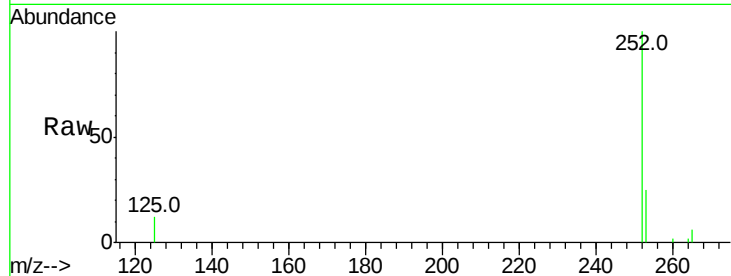




#35
Benzo(b)fluoranthene
Concen: 0.367 ng
RT: 23.52 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BE096591.D
Acq: 16 May 2018 12:00

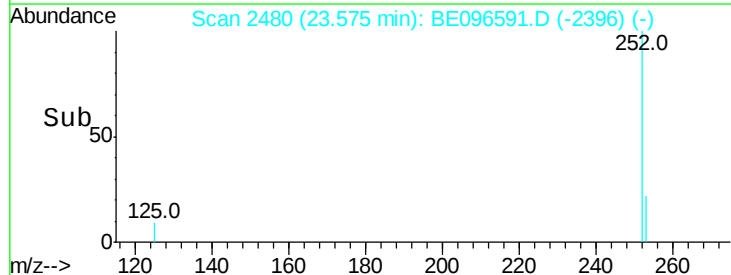
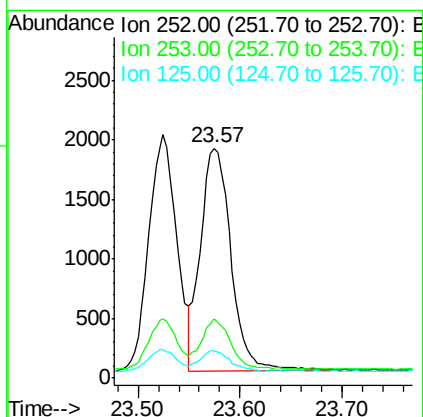
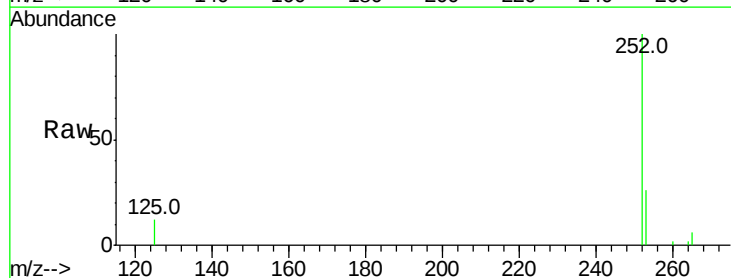
Instrument :
BNA_E
ClientSampleId :

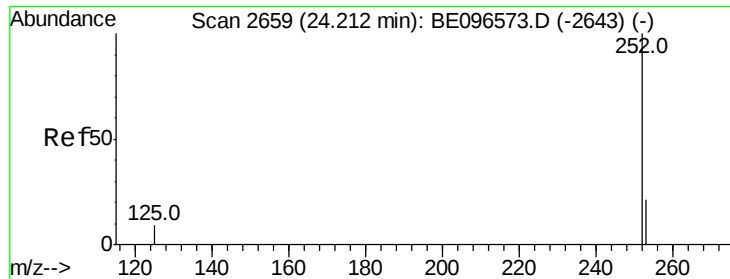
Tot Ion:252 Resp: 3809
Ion Ratio Lower Upper
252 100
253 24.6 20.0 30.0
125 11.8 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.351 ng
RT: 23.57 min Scan# 2480
Delta R.T. 0.00 min
Lab File: BE096591.D
Acq: 16 May 2018 12:00

Tgt Ion:252 Resp: 3860
Ion Ratio Lower Upper
252 100
253 25.6 16.0 24.0#
125 11.8 8.0 12.0

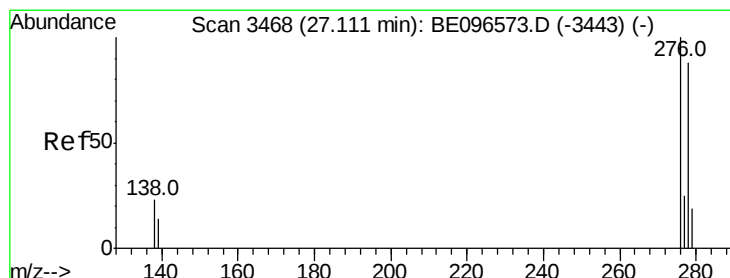
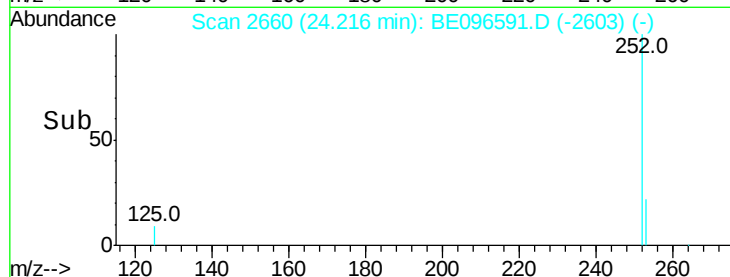
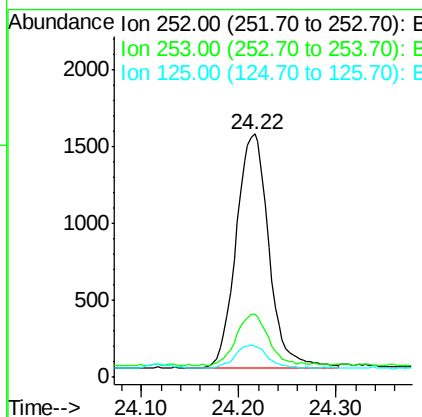
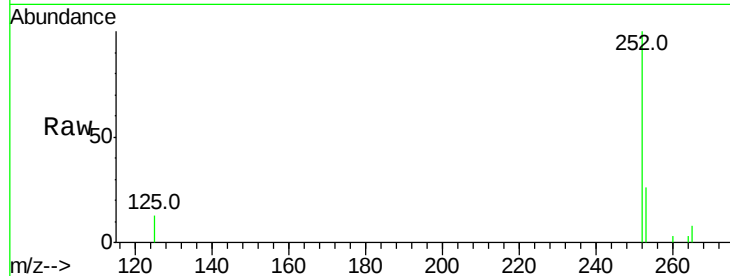




#37
Benzo(a)pyrene
Concen: 0.361 ng
RT: 24.22 min Scan# 2660
Delta R.T. 0.00 min
Lab File: BE096591.D
Acq: 16 May 2018 12:00

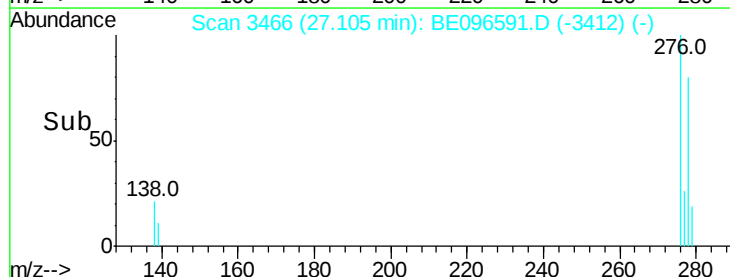
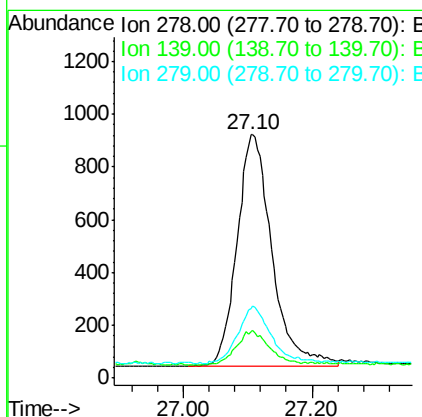
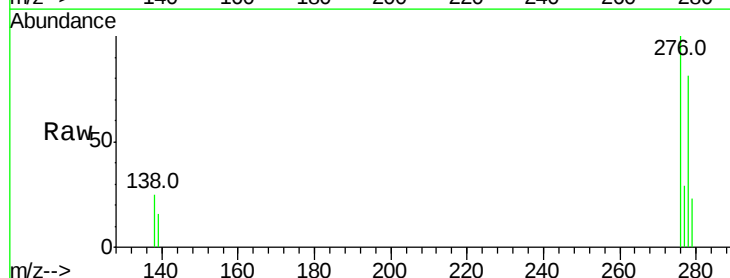
Instrument :
BNA_E
ClientSampleId :

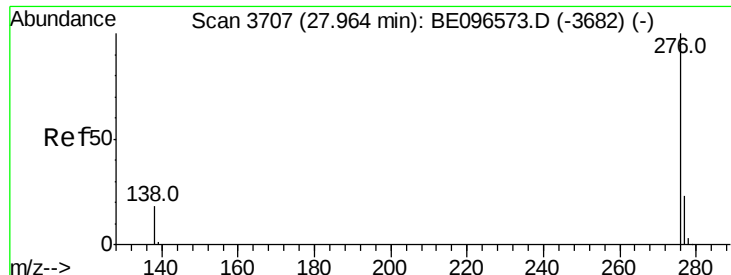
Tot Ion:252 Resp: 3581
Ion Ratio Lower Upper
252 100
253 26.1 16.0 24.0#
125 12.6 12.0 18.0



#38
Dibenzo(a,h)anthracene
Concen: 0.367 ng
RT: 27.10 min Scan# 3466
Delta R.T. -0.01 min
Lab File: BE096591.D
Acq: 16 May 2018 12:00

Tgt Ion:278 Resp: 3324
Ion Ratio Lower Upper
278 100
139 19.3 16.0 24.0
279 28.7 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 0.372 ng

RT: 27.96 min Scan# 3707

Delta R.T. 0.00 min

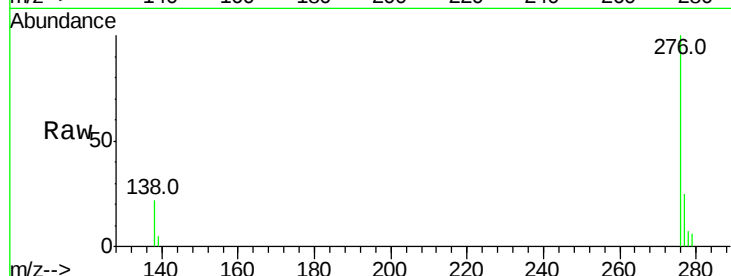
Lab File: BE096591.D

Acq: 16 May 2018 12:00

Instrument :

BNA_E

ClientSampleId :



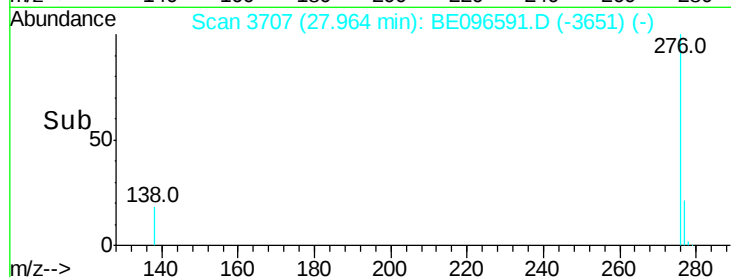
Tot Ion: 276 Resp: 3528

Ion Ratio Lower Upper

276 100

277 25.2 16.0 24.0#

138 22.3 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

