

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051518\
 Data File : BE096580.D
 Acq On : 15 May 2018 16:17
 Operator : SJ/JU
 Sample : J2604-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 16 05:33:14 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	918	0.40	ng	0.00
7) Naphthalene-d8	11.18	136	3146	0.40	ng	0.00
13) Acenaphthene-d10	14.93	164	1656	0.40	ng	0.01
19) Phenanthrene-d10	17.64	188	3669	0.40	ng	0.00
27) Chrysene-d12	21.74	240	3681	0.40	ng	0.01
34) Perylene-d12	24.33	264	3585	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.84	112	280152	110.67	ng	-0.01
5) Phenol-d6	7.50	99	410019	114.46	ng	0.00
8) Nitrobenzene-d5	9.53	82	298429	89.16	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	2	0.00	ng	0.00
14) 2,4,6-Tribromophenol	16.40	330	119027	181.81	ng	0.00
15) 2-Fluorobiphenyl	13.56	172	561024	78.92	ng	0.00
25) Fluoranthene-d10	19.62	212	37	0.00	ng	0.00
29) Terphenyl-d14	20.18	244	688963	82.73	ng	0.00

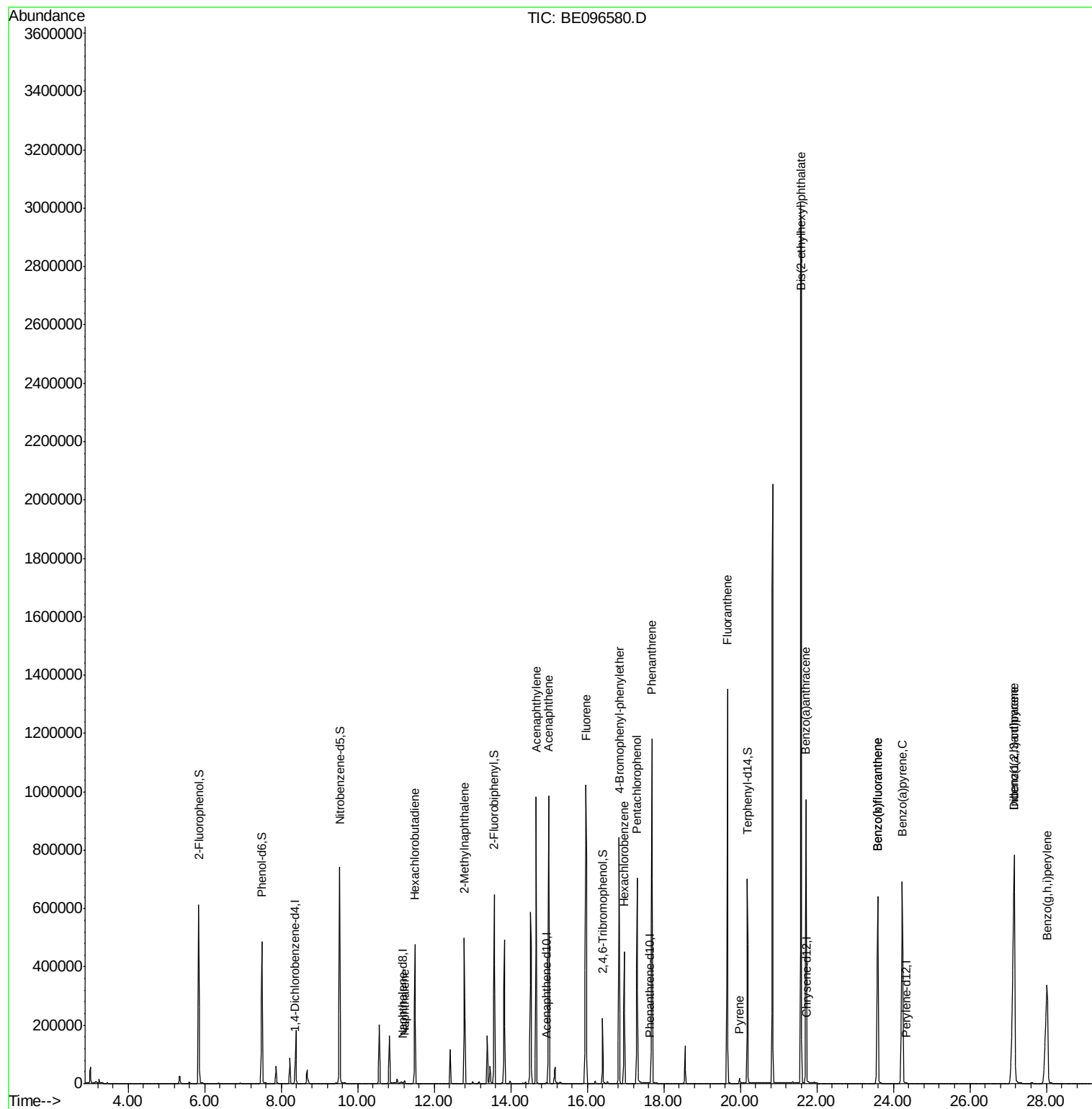
Target Compounds				Qvalue		
9) Naphthalene	11.22	128	14838	0.448	ng	100
10) Hexachlorobutadiene	11.49	225	235628	127.303	ng	99
12) 2-Methylnaphthalene	12.79	142	328073	57.844	ng	# 93
16) Acenaphthylene	14.66	152	1175305	135.972	ng	98
17) Acenaphthene	14.99	154	526367	99.928	ng	95
18) Fluorene	15.96	166	892592	136.187	ng	# 76
20) 4-Bromophenyl-phenylether	16.83	248	406620	182.677	ng	# 86
21) Hexachlorobenzene	16.96	284	344138	148.295	ng	# 82
22) Pentachlorophenol	17.30	266	319048	427.345	ng	# 71
23) Phenanthrene	17.68	178	1243916	120.733	ng	97
26) Fluoranthene	19.66	202	1259890	102.288	ng	# 95
28) Pyrene	19.97	202	13700	2.061	ng	# 1
30) Benzo(a)anthracene	21.72	228	986609	87.190	ng	99
32) Bis(2-ethylhexyl)phthalate	21.58	149	4369592	180.413	ng	100
33) Indeno(1,2,3-cd)pyrene	27.16	276	1080997	95.715	ng	# 91
35) Benzo(b)fluoranthene	23.59	252	993902	89.862	ng	# 85
36) Benzo(k)fluoranthene	23.59	252	996884	85.142	ng	# 95
37) Benzo(a)pyrene	24.24	252	1257565	118.958	ng	# 91
38) Dibenzo(a,h)anthracene	27.16	278	992753	102.691	ng	# 91
39) Benzo(g,h,i)perylene	28.01	276	1039054	102.694	ng	# 87

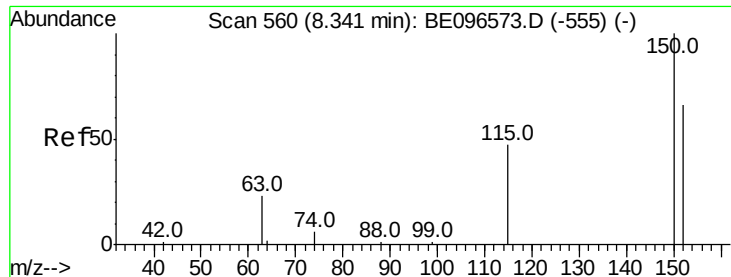
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE096580.D

Acq: 15 May 2018 16:17

Instrument :

BNA_E

ClientSampleId :

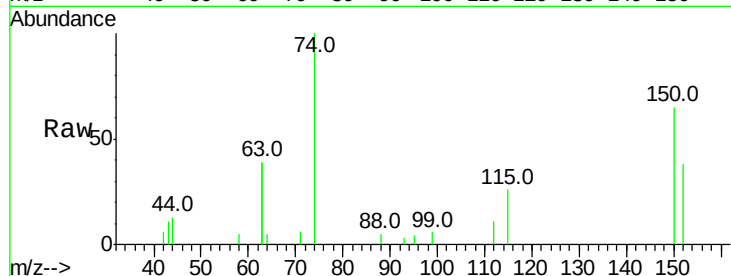
Tot Ion:152 Resp: 918

Ion Ratio Lower Upper

152 100

150 170.1 117.2 175.8

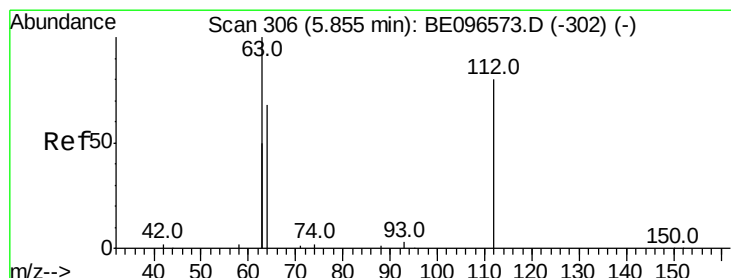
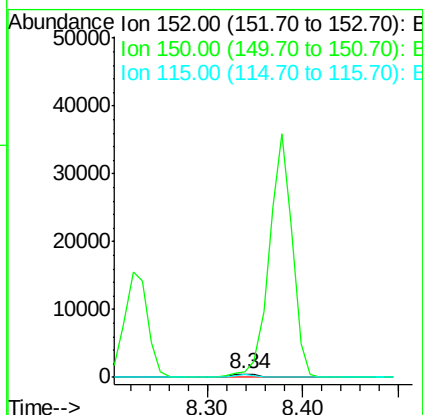
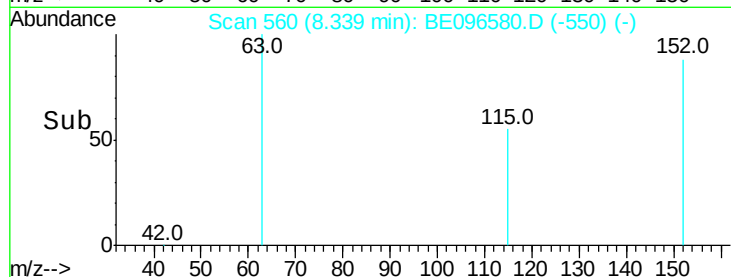
115 67.6 57.0 85.6



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



#4

2-Fluorophenol

Concen: 110.668 ng

RT: 5.84 min Scan# 305

Delta R.T. -0.01 min

Lab File: BE096580.D

Acq: 15 May 2018 16:17

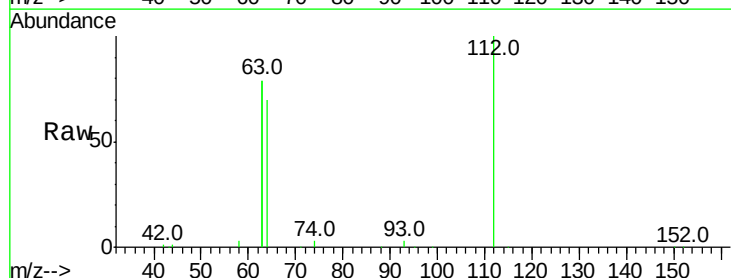
Tgt Ion:112 Resp: 280152

Ion Ratio Lower Upper

112 100

64 76.9 60.1 90.1

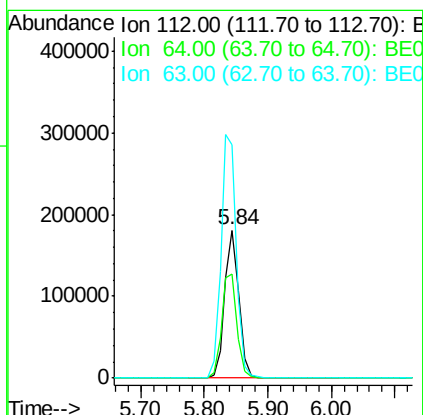
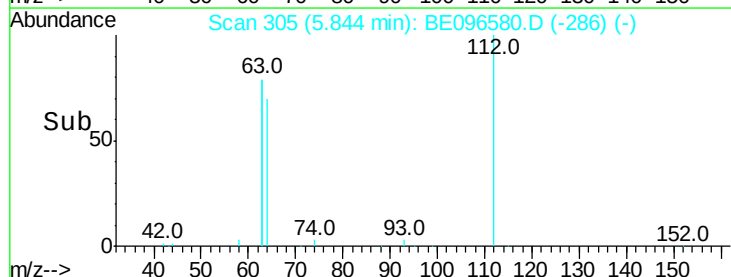
63 179.3 116.8 175.2#

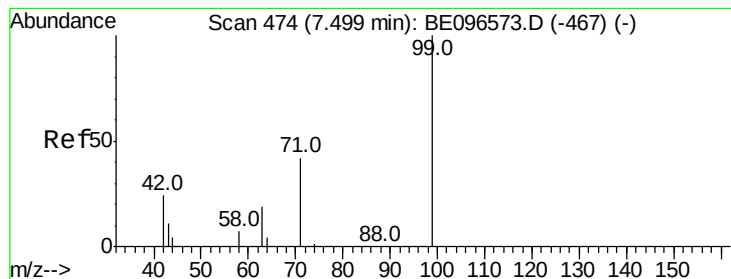


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 114.459 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.00 min

Lab File: BE096580.D

Acq: 15 May 2018 16:17

Instrument :

BNA_E

ClientSampled :

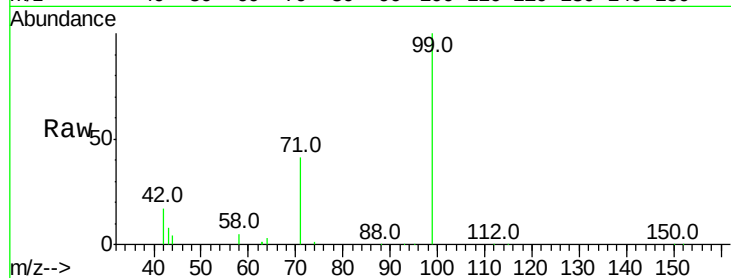
Tot Ion: 99 Resp: 410019

Ion Ratio Lower Upper

99 100

42 28.1 20.2 30.2

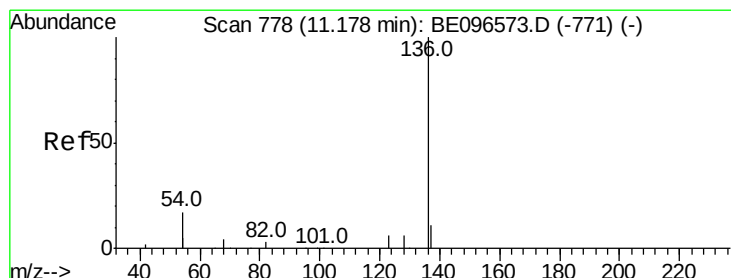
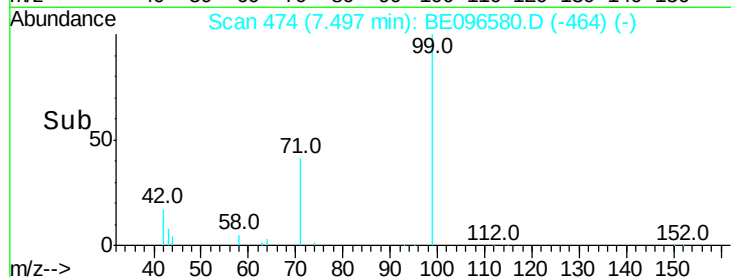
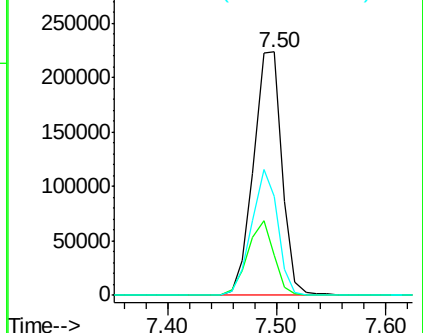
71 47.3 28.4 42.6#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.18 min Scan# 778

Delta R.T. -0.00 min

Lab File: BE096580.D

Acq: 15 May 2018 16:17

Tgt Ion:136 Resp: 3146

Ion Ratio Lower Upper

136 100

137 13.5 9.5 14.3

54 32.3 29.1 43.7

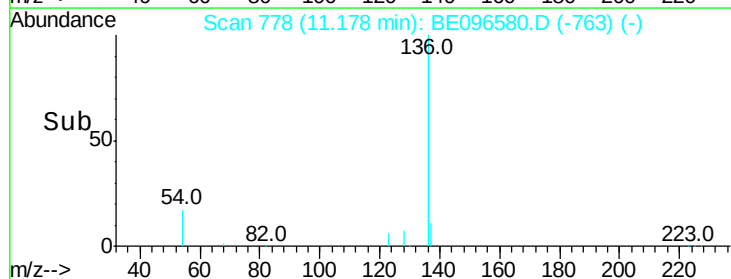
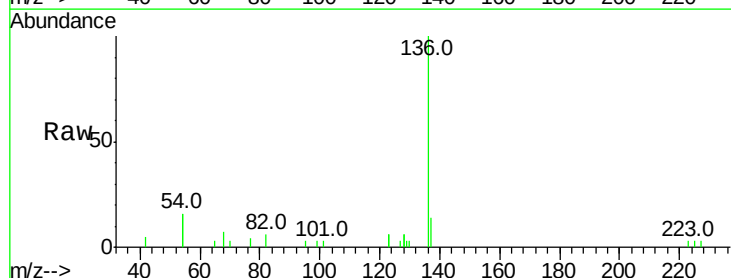
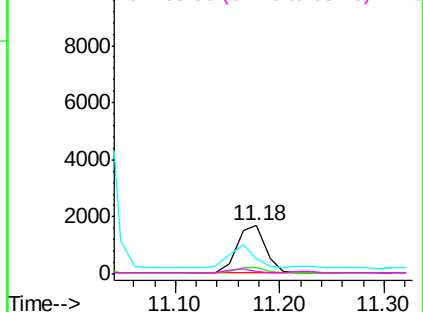
68 6.5 6.2 9.2

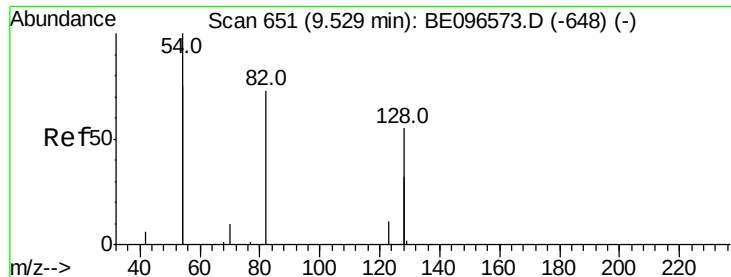
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 89.162 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE096580.D

Acq: 15 May 2018 16:17

Instrument :

BNA_E

ClientSampleId :

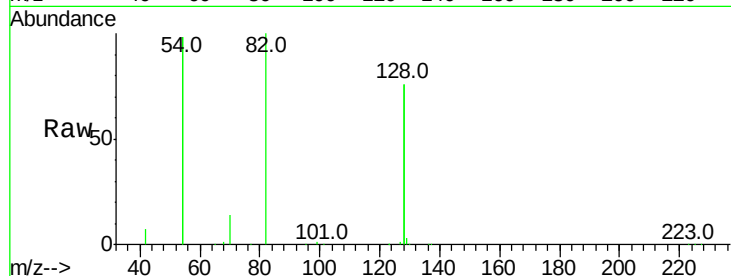
Tot Ion: 82 Resp: 298429

Ion Ratio Lower Upper

82 100

128 152.8 150.0 225.0

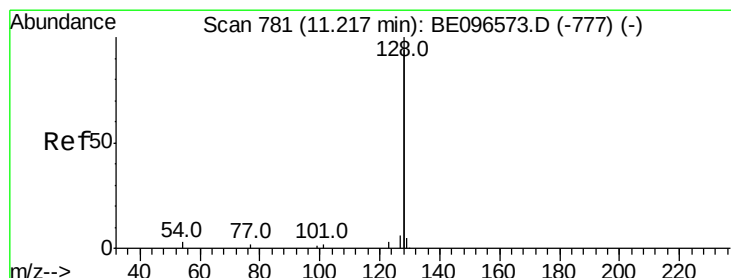
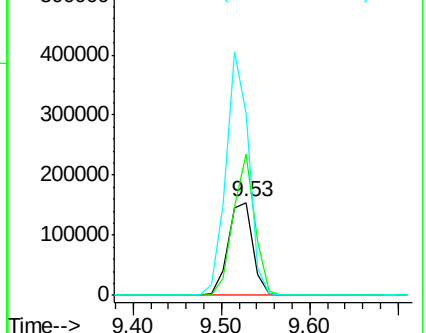
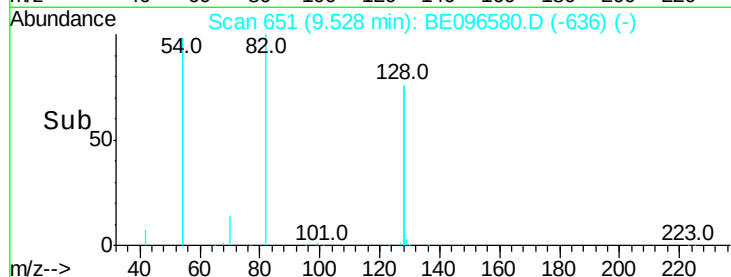
54 196.6 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 0.448 ng

RT: 11.22 min Scan# 781

Delta R.T. -0.00 min

Lab File: BE096580.D

Acq: 15 May 2018 16:17

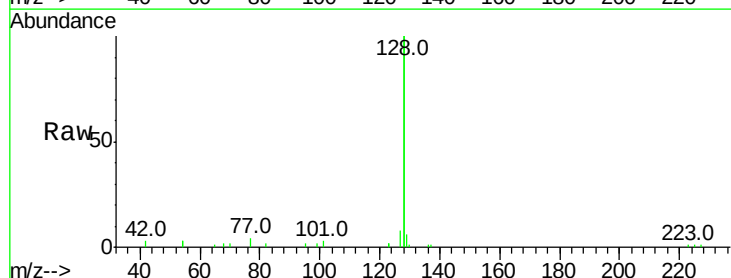
Tgt Ion: 128 Resp: 14838

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

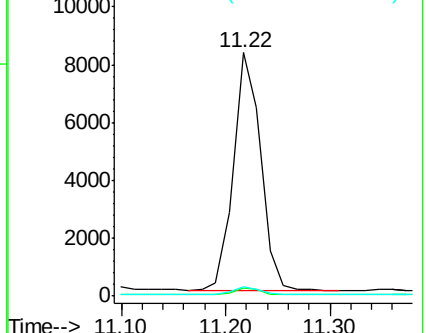
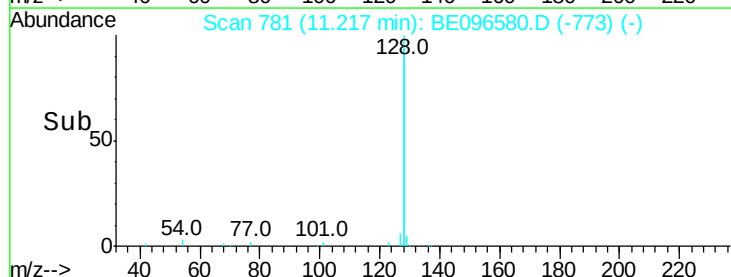
127 3.8 2.8 4.2

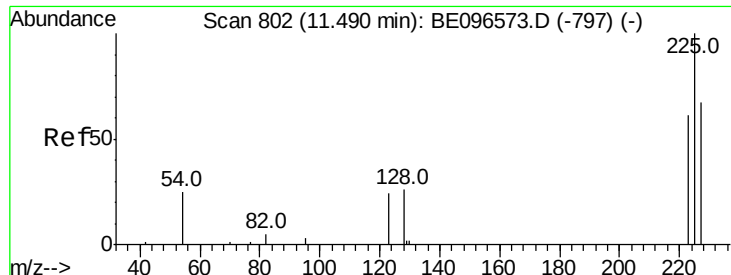


Abundance Ion 128.00 (127.70 to 128.70): BE0

Ion 129.00 (128.70 to 129.70): BE0

Ion 127.00 (126.70 to 127.70): BE0

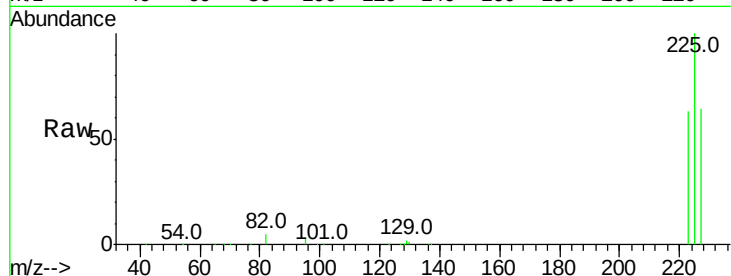




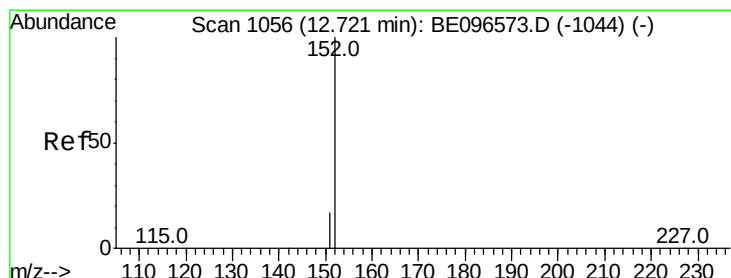
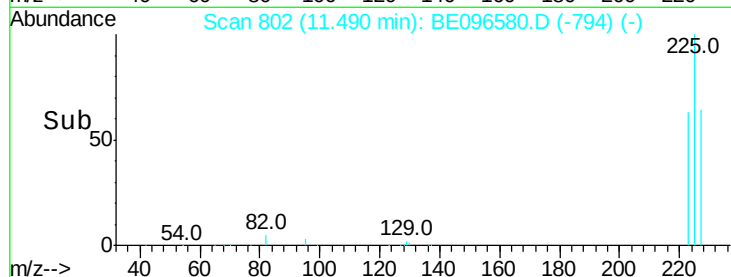
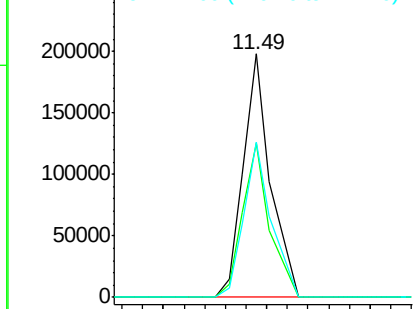
#10
 Hexachlorobutadiene
 Concen: 127.303 ng
 RT: 11.49 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BE096580.D
 Acq: 15 May 2018 16:17

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
225	100		
223	65.8	53.0	79.6
227	66.2	51.4	77.2

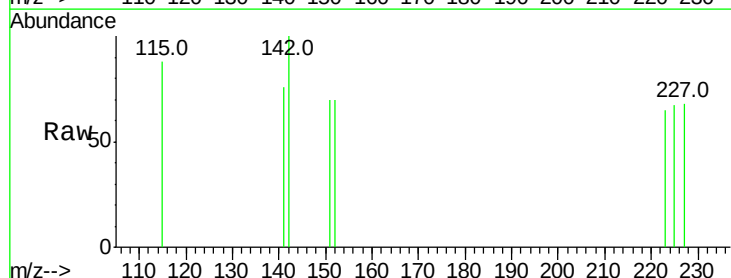


Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

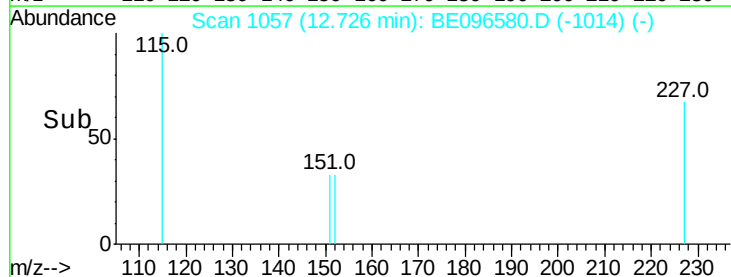
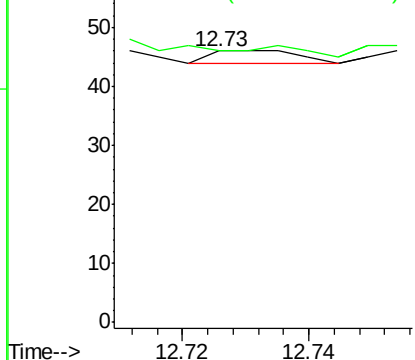


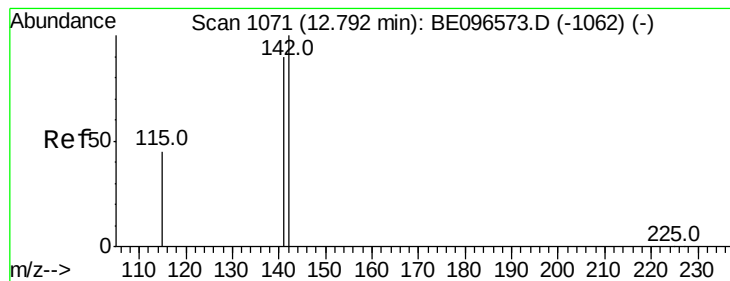
#11
 2-Methylnaphthalene-d10
 Concen: 0.000 ng
 RT: 12.73 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BE096580.D
 Acq: 15 May 2018 16:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.4	23.0#



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 57.844 ng

RT: 12.79 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BE096580.D

Acq: 15 May 2018 16:17

Instrument :

BNA_E

ClientSampleId :

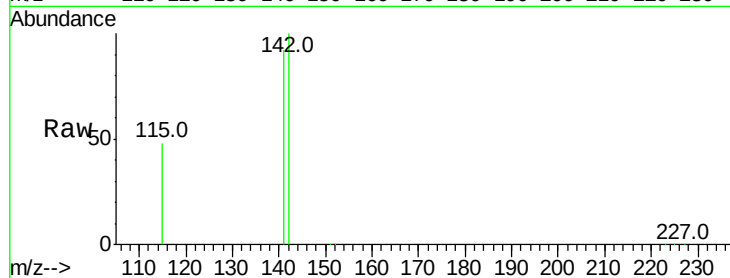
Tot Ion:142 Resp: 328073

Ion Ratio Lower Upper

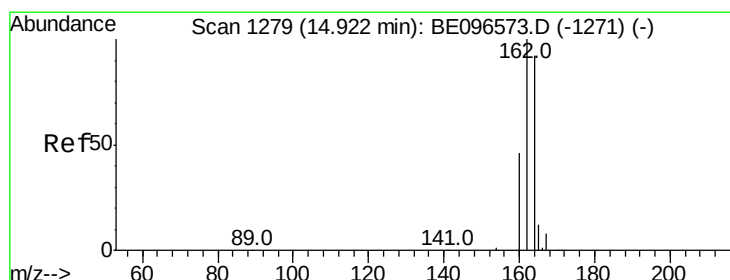
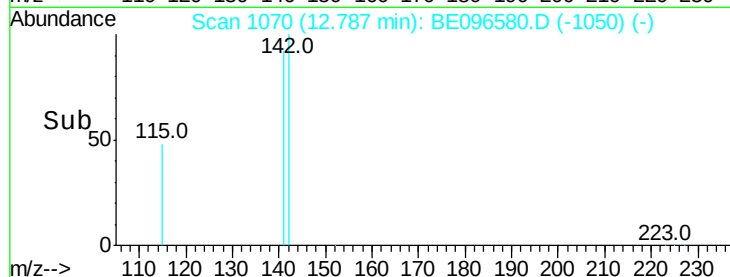
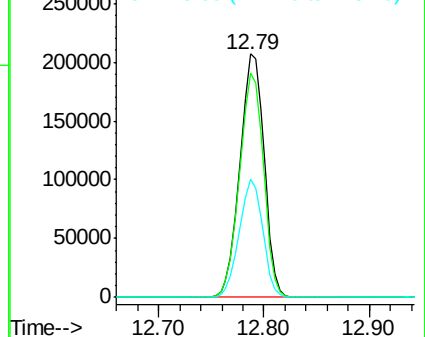
142 100

141 92.2 70.4 105.6

115 48.3 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: 14.93 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BE096580.D

Acq: 15 May 2018 16:17

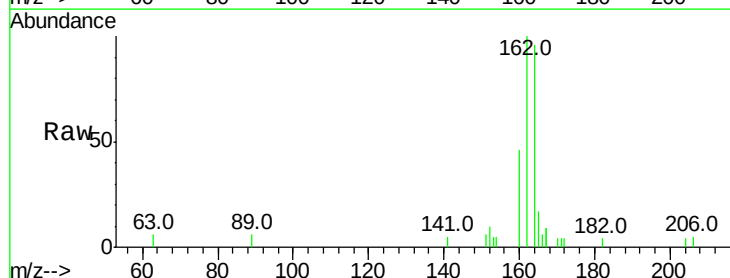
Tgt Ion:164 Resp: 1656

Ion Ratio Lower Upper

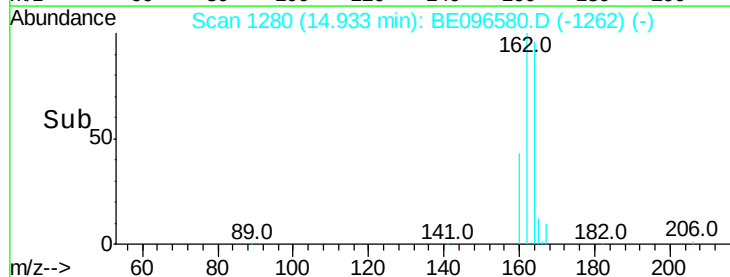
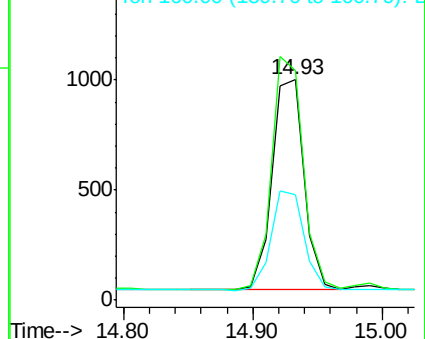
164 100

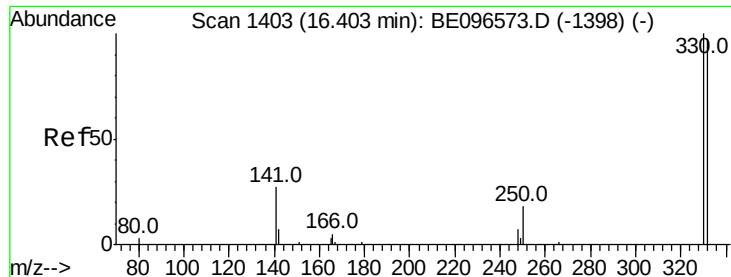
162 104.2 83.1 124.7

160 47.7 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: 181.814 ng

RT: 16.40 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BE096580.D

Acq: 15 May 2018 16:17

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BNA_E

ClientSampleId :

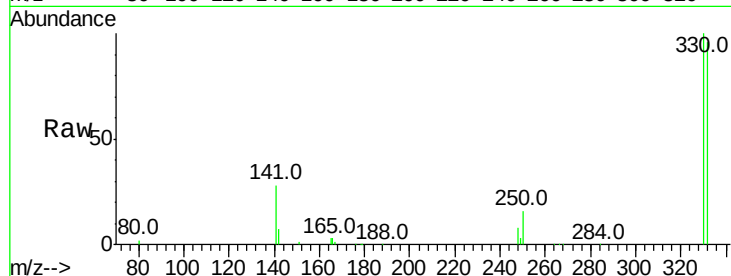
Tot Ion:330 Resp: 119027

Ion Ratio Lower Upper

330 100

332 96.7 152.7 229.1#

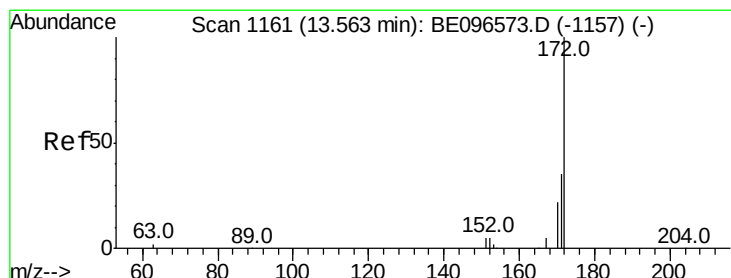
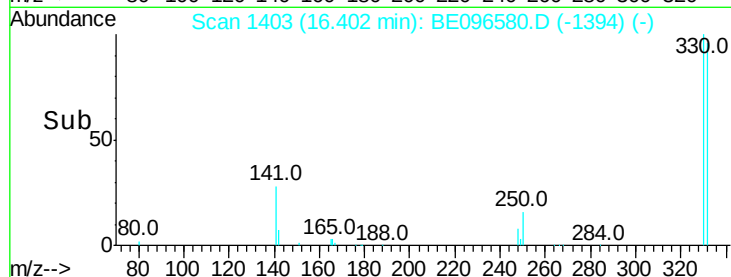
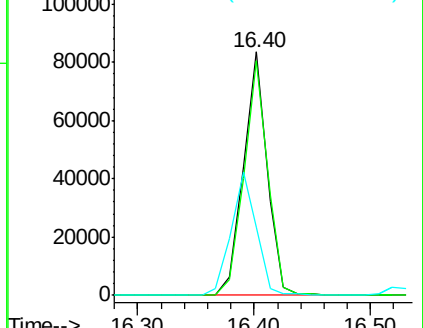
141 53.6 33.7 50.5#



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: 78.924 ng

RT: 13.56 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BE096580.D

Acq: 15 May 2018 16:17

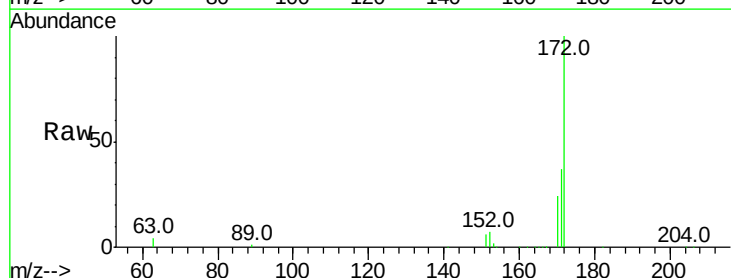
Tgt Ion:172 Resp: 561024

Ion Ratio Lower Upper

172 100

171 36.7 29.9 44.9

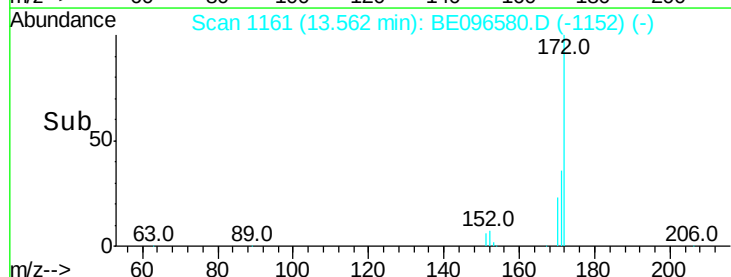
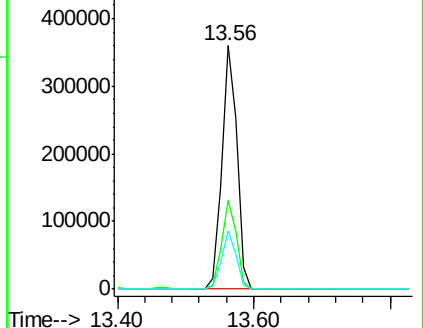
170 23.7 21.8 32.8

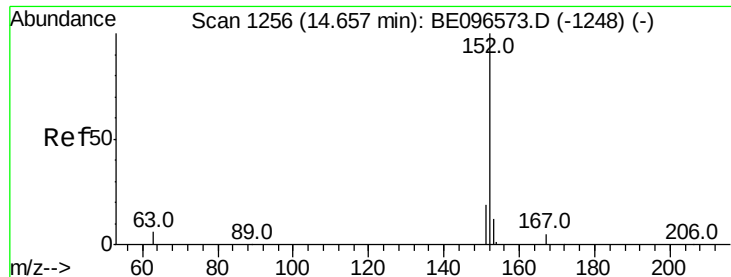


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 135.972 ng

RT: 14.66 min Scan# 1256

Delta R.T. -0.00 min

Lab File: BE096580.D

Acq: 15 May 2018 16:17

Instrument :

BNA_E

ClientSampleId :

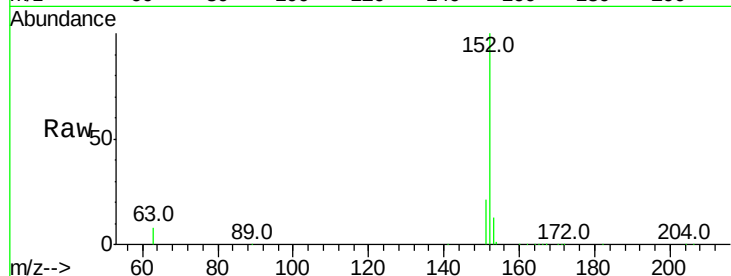
Tot Ion:152 Resp: 1175305

Ion Ratio Lower Upper

152 100

151 20.9 15.7 23.5

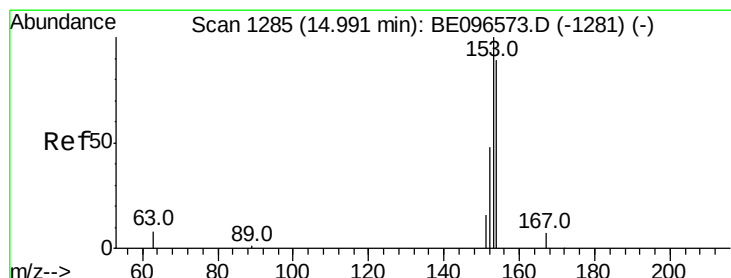
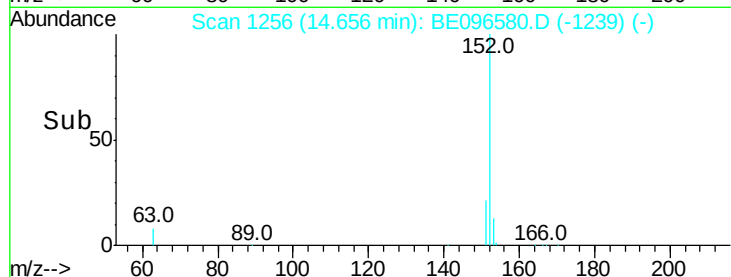
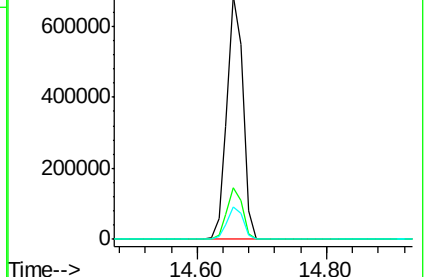
153 13.3 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 99.928 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BE096580.D

Acq: 15 May 2018 16:17

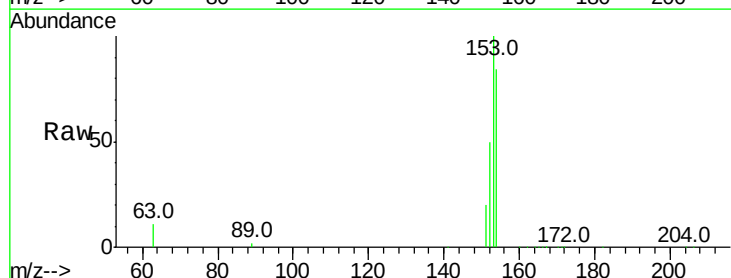
Tgt Ion:154 Resp: 526367

Ion Ratio Lower Upper

154 100

153 116.3 89.2 133.8

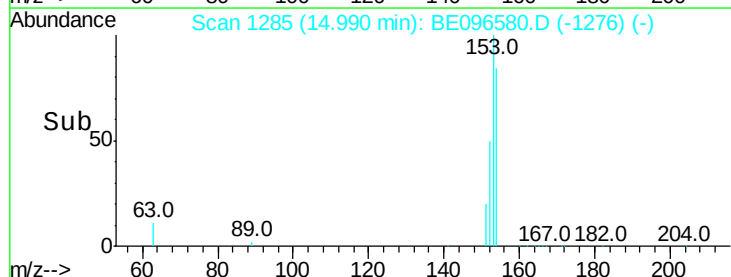
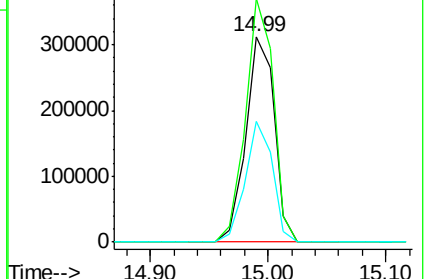
152 56.6 42.0 63.0

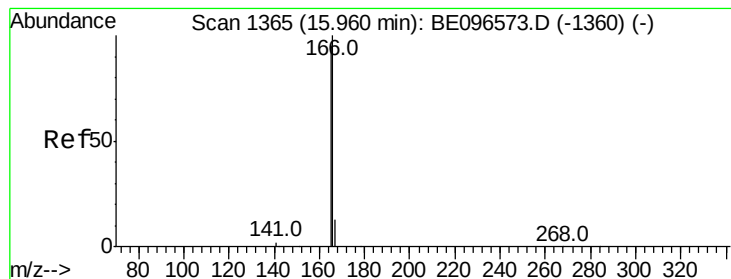


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 136.187 ng

RT: 15.96 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BE096580.D

Acq: 15 May 2018 16:17

Instrument :

BNA_E

ClientSampleId :

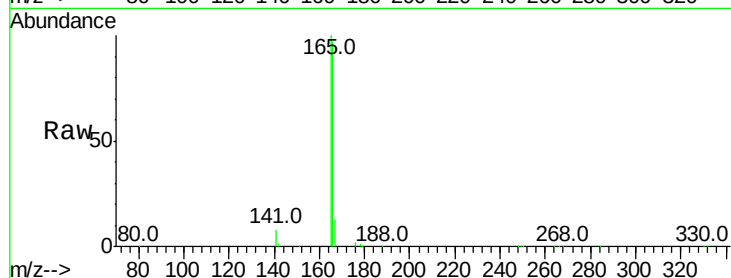
Tot Ion:166 Resp: 892592

Ion Ratio Lower Upper

166 100

165 102.7 77.8 116.6

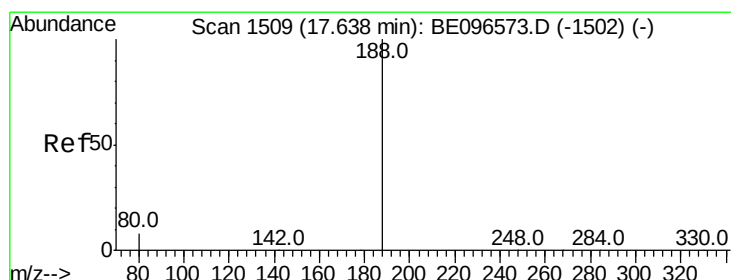
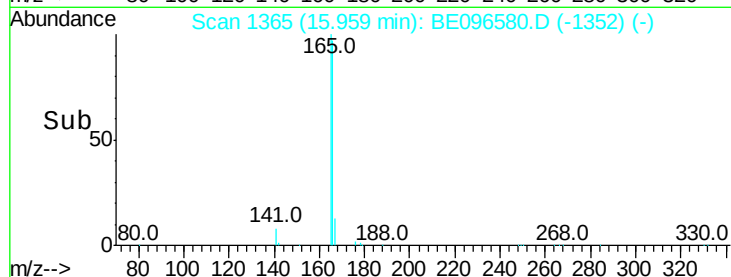
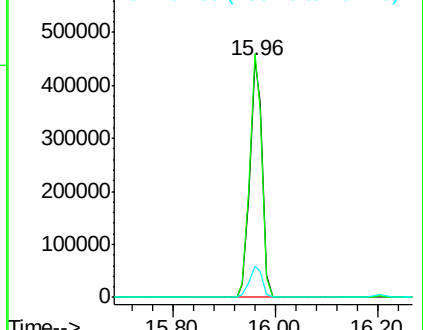
167 11.6 42.4 63.6#



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: 17.64 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BE096580.D

Acq: 15 May 2018 16:17

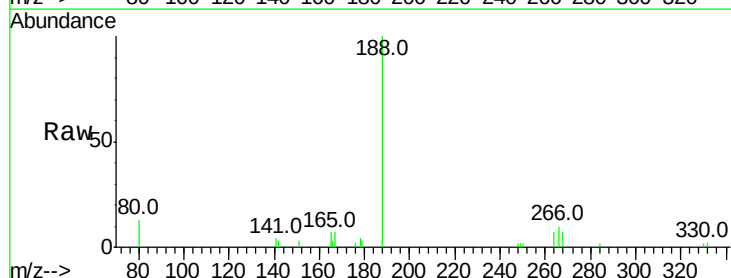
Tgt Ion:188 Resp: 3669

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

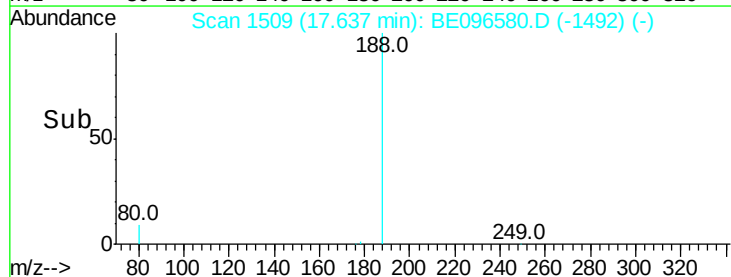
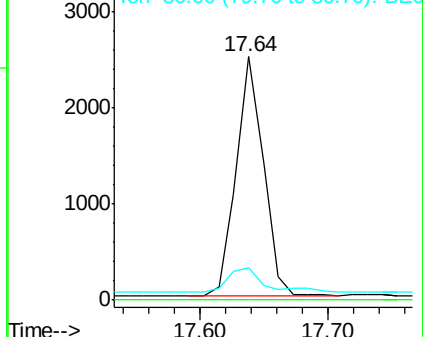
80 13.2 3.6 5.4#

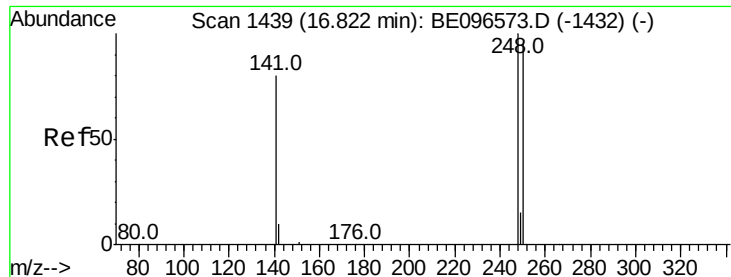


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#20

4-Bromophenyl-phenylether

Concen: 182.677 ng

RT: 16.83 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BE096580.D

Acq: 15 May 2018 16:17

Instrument :

BNA_E

ClientSampleId :

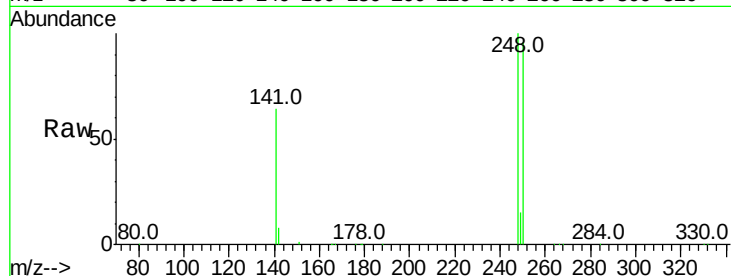
Tot Ion:248 Resp: 406620

Ion Ratio Lower Upper

248 100

250 96.4 62.7 94.1#

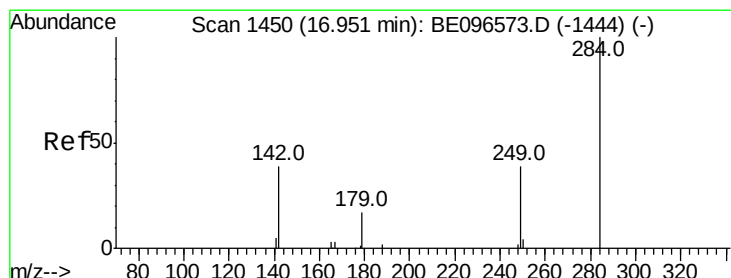
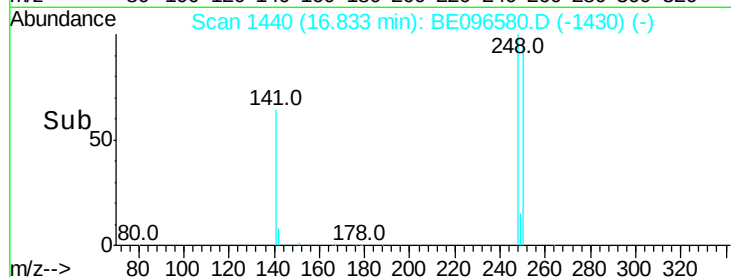
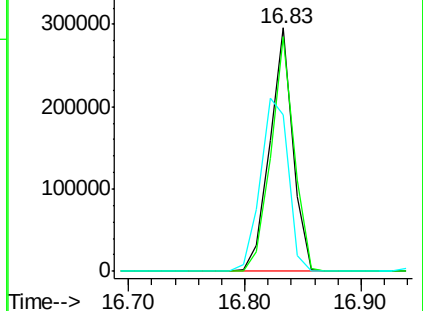
141 64.4 48.2 72.2



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: 148.295 ng

RT: 16.96 min Scan# 1451

Delta R.T. 0.01 min

Lab File: BE096580.D

Acq: 15 May 2018 16:17

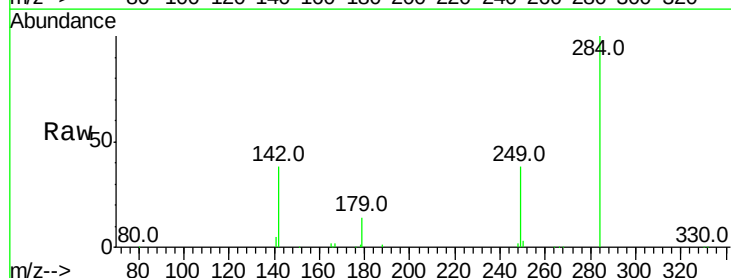
Tgt Ion:284 Resp: 344138

Ion Ratio Lower Upper

284 100

142 41.7 22.1 33.1#

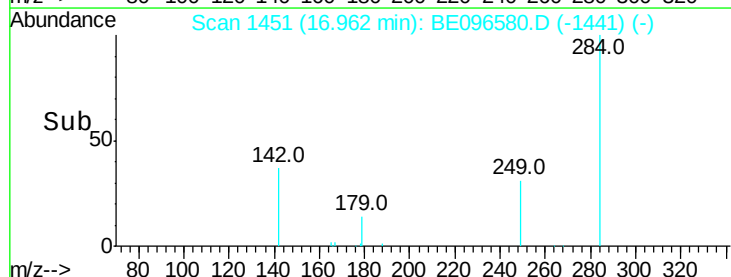
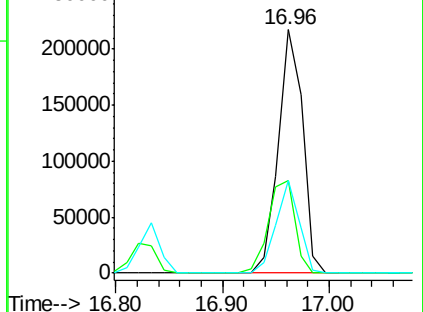
249 35.8 34.8 52.2

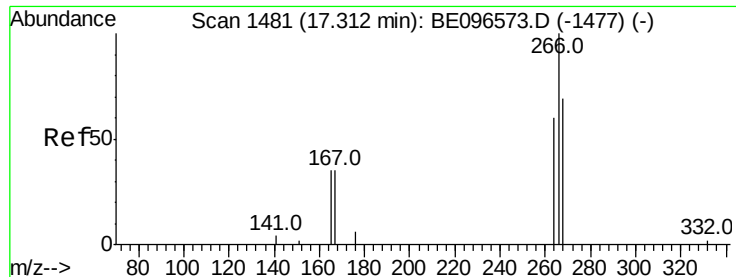


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#22

Pentachlorophenol

Concen: 427.345 ng

RT: 17.30 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BE096580.D

Acq: 15 May 2018 16:17

Instrument :

BNA_E

ClientSampleId :

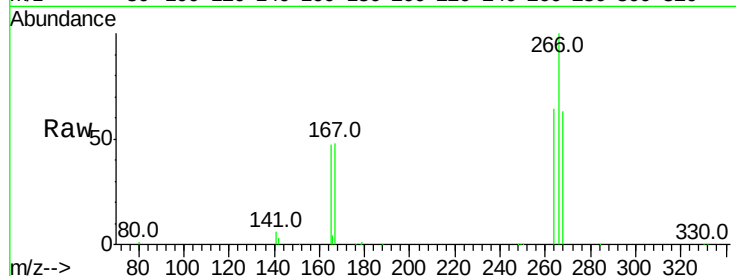
Tot Ion:266 Resp: 319048

Ion Ratio Lower Upper

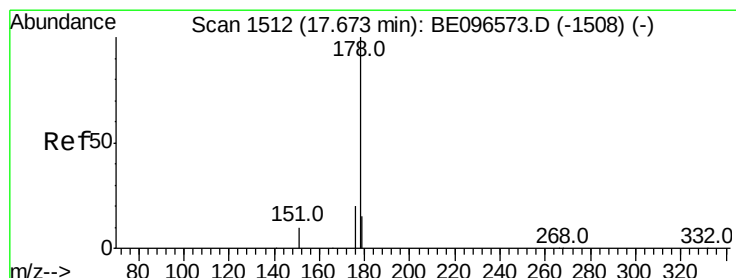
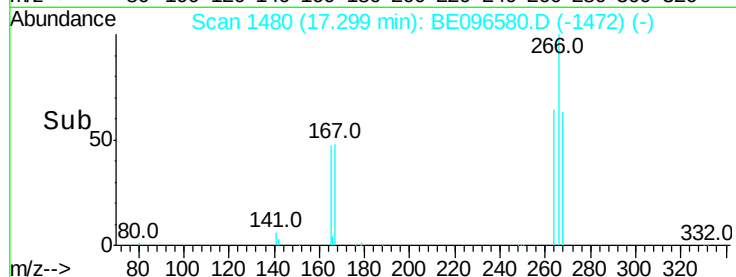
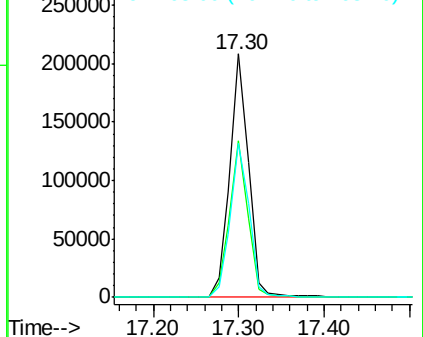
266 100

264 64.5 72.5 108.7#

268 63.2 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: 120.733 ng

RT: 17.68 min Scan# 1513

Delta R.T. 0.01 min

Lab File: BE096580.D

Acq: 15 May 2018 16:17

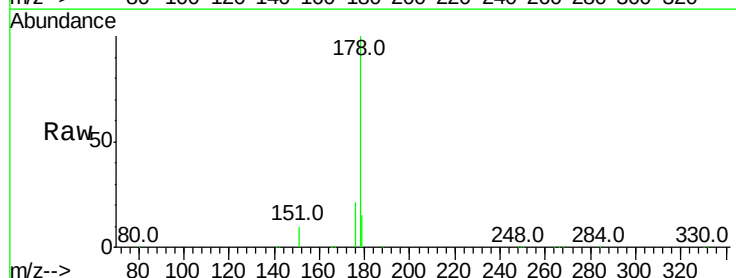
Tgt Ion:178 Resp: 1243916

Ion Ratio Lower Upper

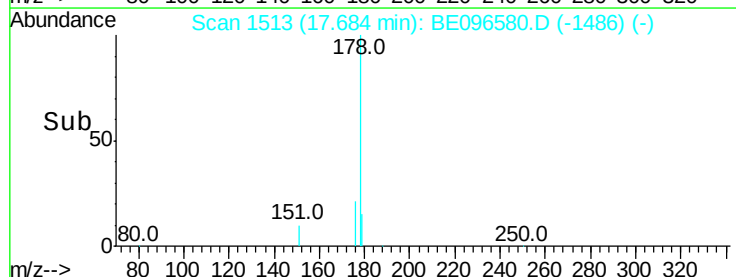
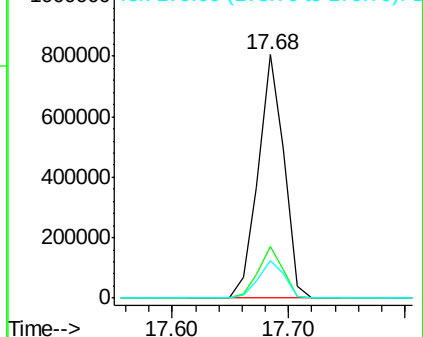
178 100

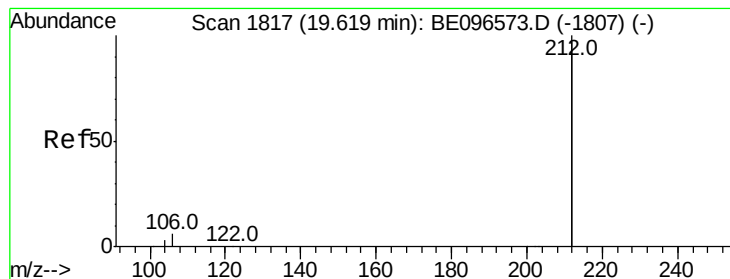
176 20.6 15.1 22.7

179 15.6 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





#25

Fluoranthene-d10

Concen: 0.001 ng

RT: 19.62 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BE096580.D

Acq: 15 May 2018 16:17

Instrument :

BNA_E

ClientSampleId :

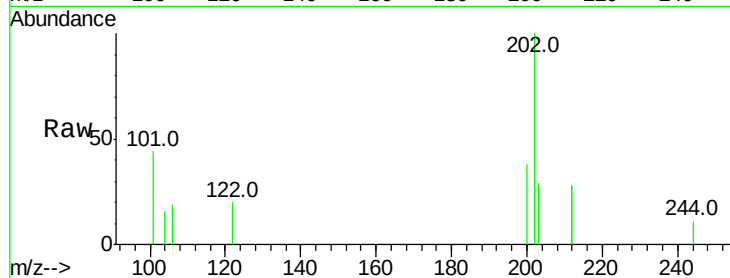
Tot Ion:212 Resp: 37

Ion Ratio Lower Upper

212 100

106 0.0 2.8 4.2#

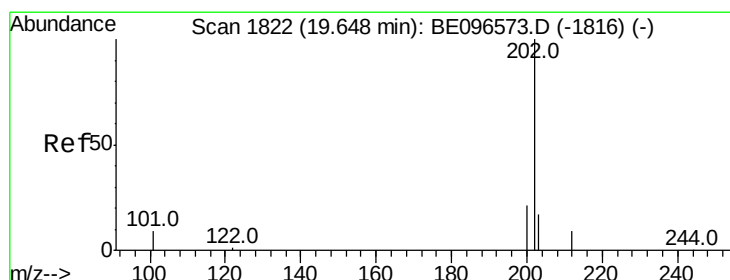
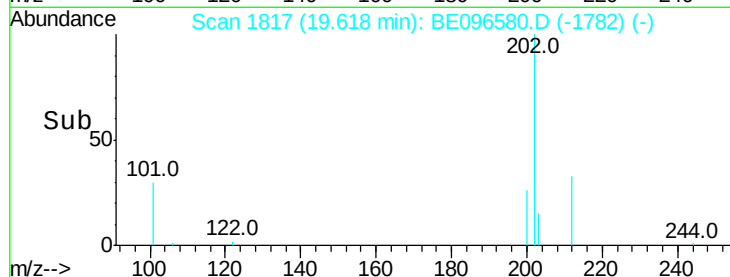
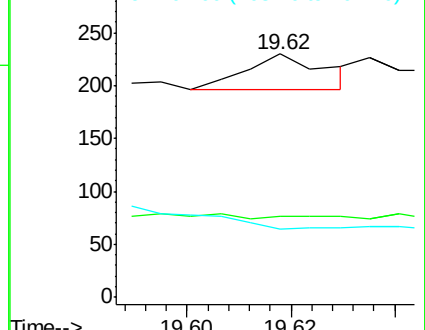
104 0.0 1.6 2.4#



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: 102.288 ng

RT: 19.66 min Scan# 1824

Delta R.T. 0.01 min

Lab File: BE096580.D

Acq: 15 May 2018 16:17

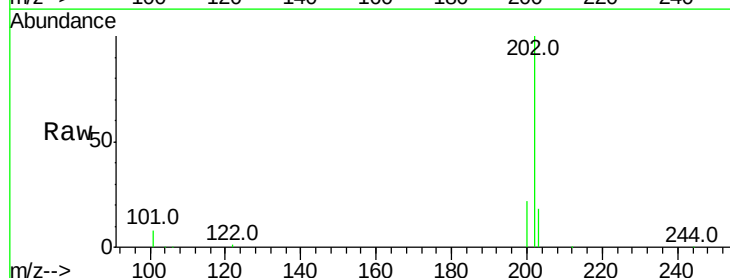
Tgt Ion:202 Resp: 1259890

Ion Ratio Lower Upper

202 100

101 8.2 9.8 14.8#

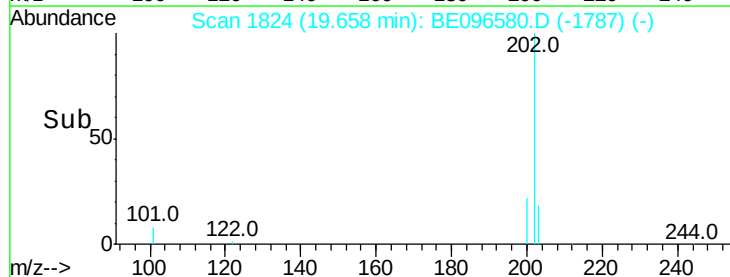
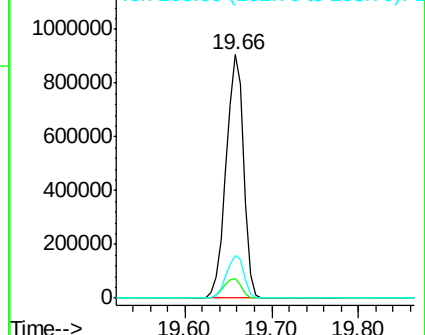
203 17.7 13.7 20.5

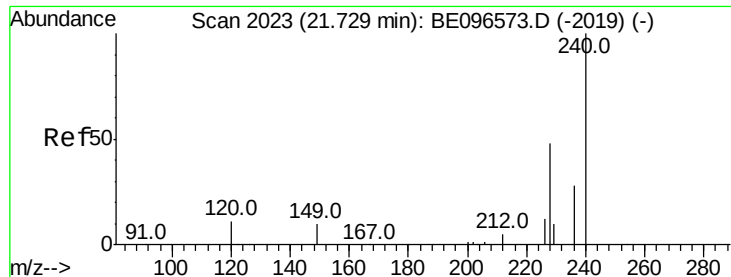


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.74 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BE096580.D

Acq: 15 May 2018 16:17

Instrument :

BNA_E

ClientSampleId :

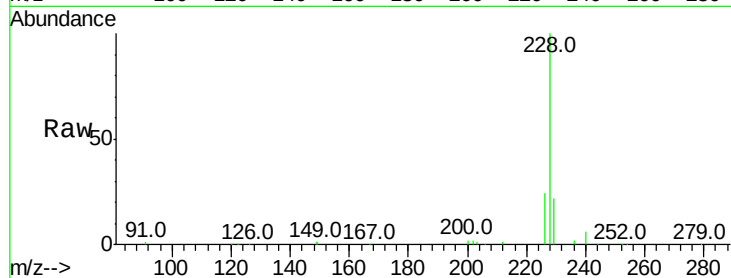
Tot Ion:240 Resp: 3681

Ion Ratio Lower Upper

240 100

120 7.4 5.5 8.3

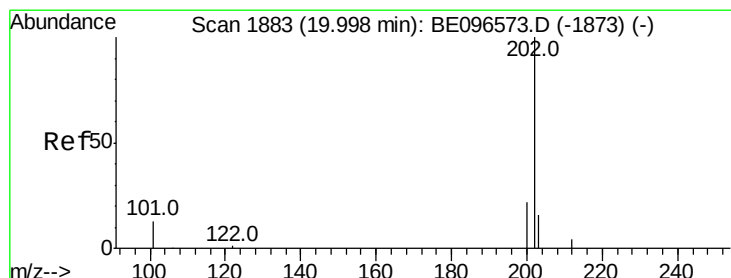
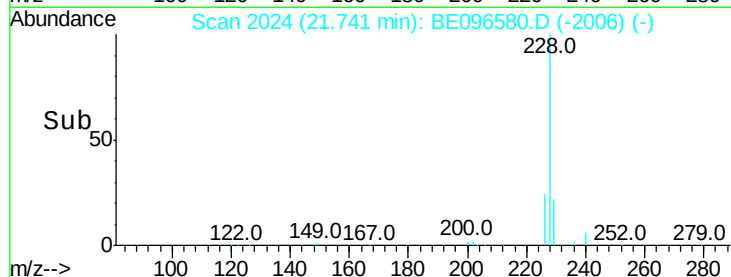
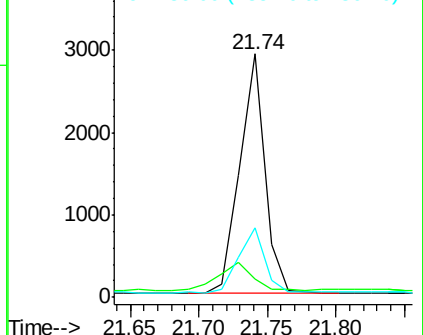
236 28.3 20.7 31.1



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: 2.061 ng

RT: 19.97 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BE096580.D

Acq: 15 May 2018 16:17

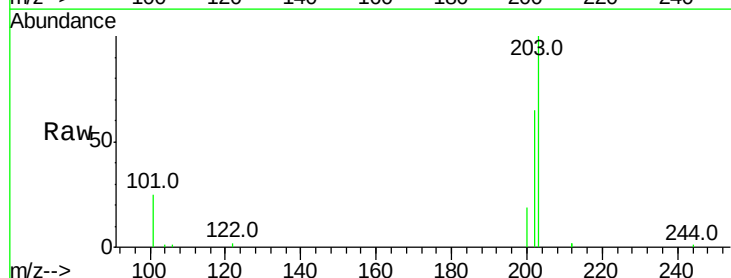
Tgt Ion:202 Resp: 13700

Ion Ratio Lower Upper

202 100

200 28.3 16.6 25.0#

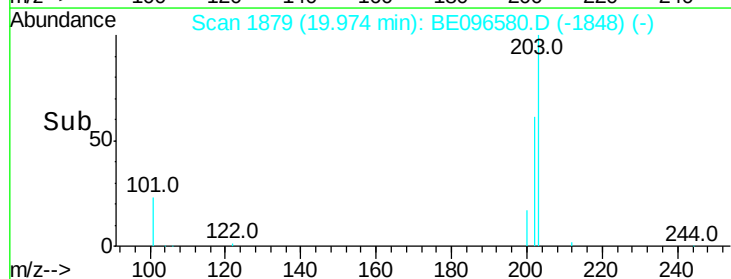
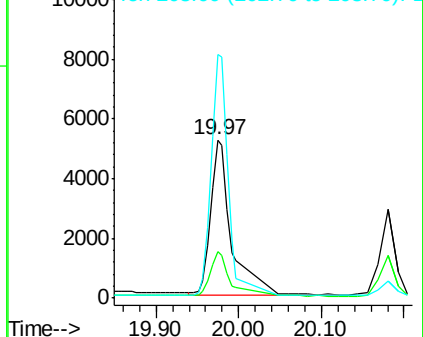
203 142.0 13.8 20.8#

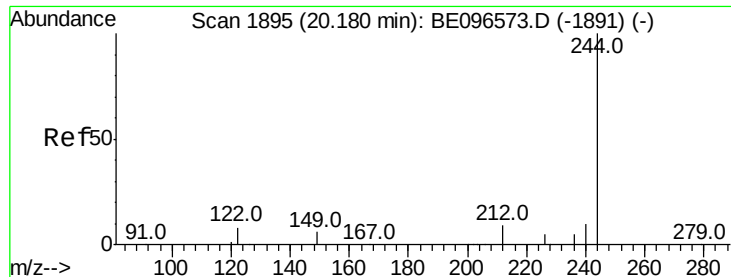


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 82.728 ng

RT: 20.18 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BE096580.D

Acq: 15 May 2018 16:17

Instrument :

BNA_E

ClientSampleId :

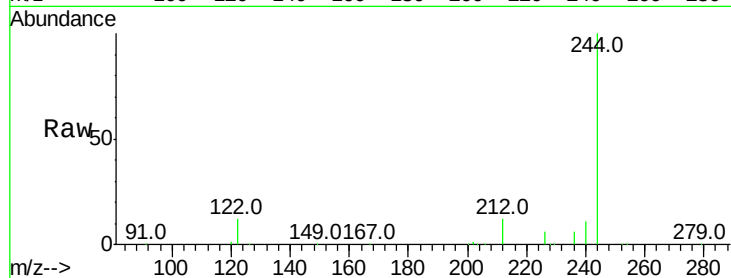
Tot Ion:244 Resp: 688963

Ion	Ratio	Lower	Upper
244	100		
212	12.2	25.4	38.0#
122	11.5	8.1	12.1

244 100

212 12.2 25.4 38.0#

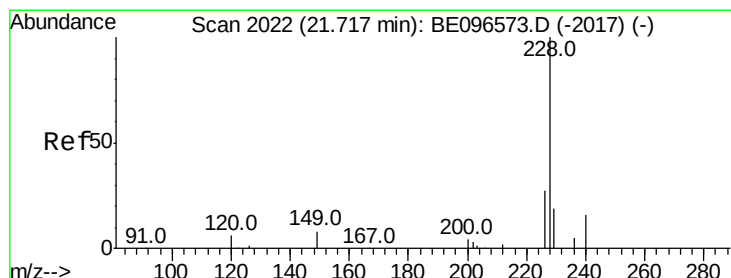
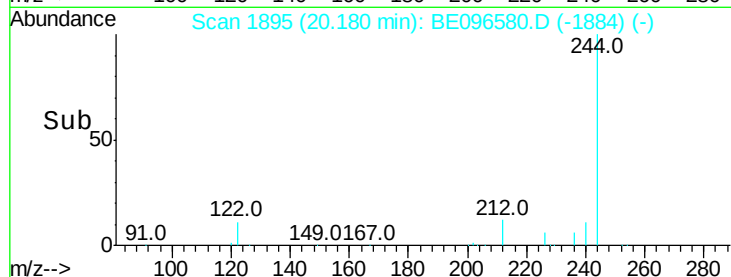
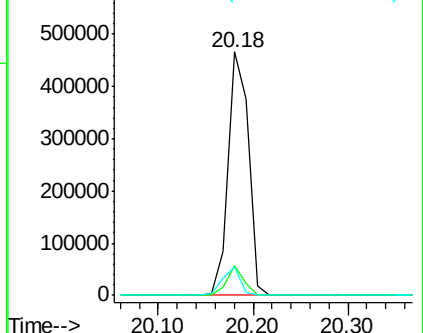
122 11.5 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 87.190 ng

RT: 21.72 min Scan# 222

Delta R.T. 0.00 min

Lab File: BE096580.D

Acq: 15 May 2018 16:17

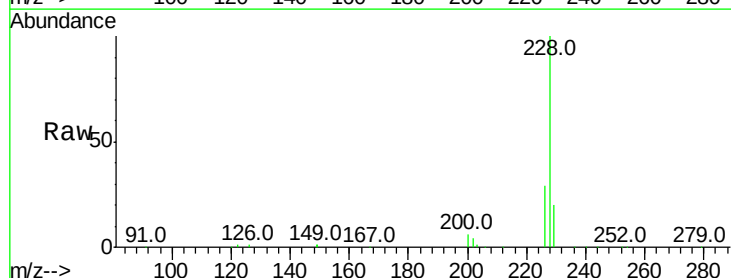
Tgt Ion:228 Resp: 986609

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	19.6	16.0	24.0

228 100

226 29.5 24.0 36.0

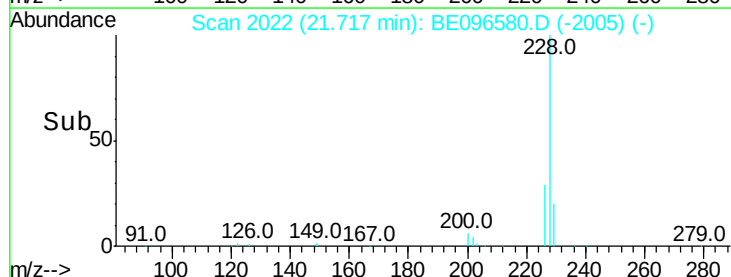
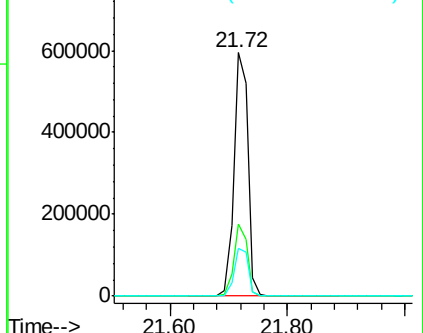
229 19.6 16.0 24.0

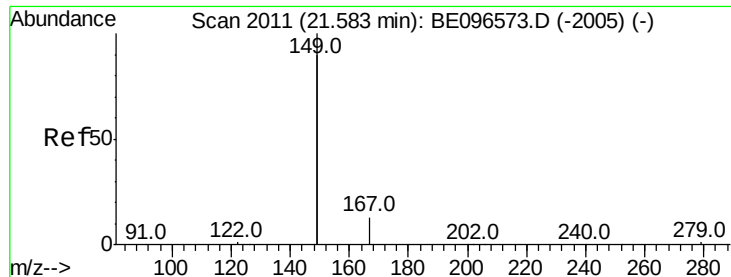


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 180.413 ng

RT: 21.58 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BE096580.D

Acq: 15 May 2018 16:17

Instrument :

BNA_E

ClientSampleId :

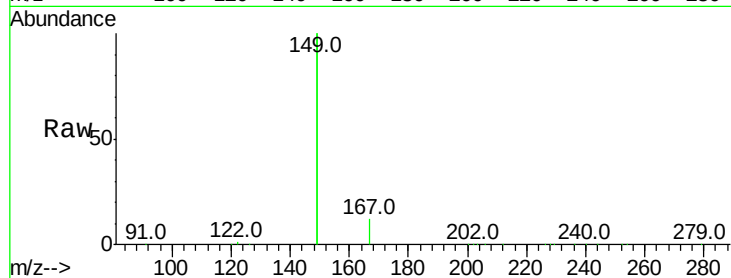
Tot Ion:149 Resp: 4369592

Ion Ratio Lower Upper

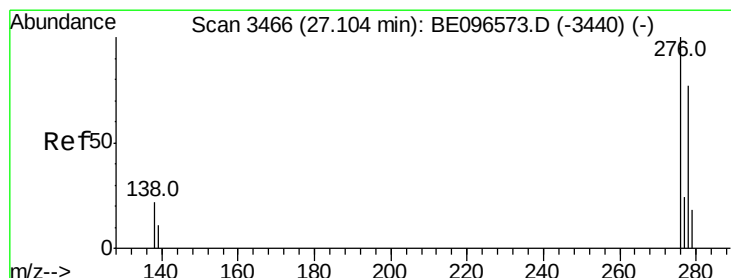
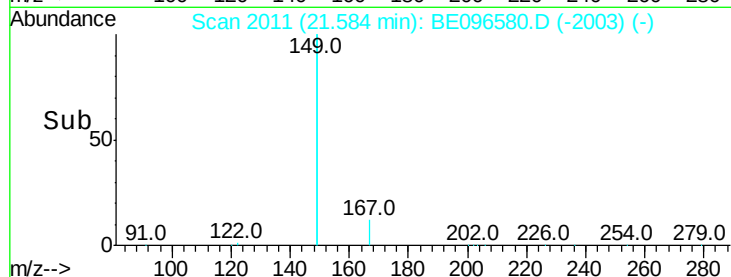
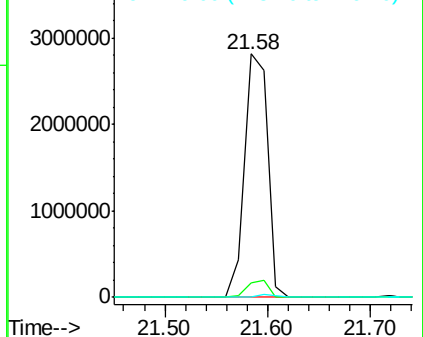
149 100

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: 95.715 ng

RT: 27.16 min Scan# 3481

Delta R.T. 0.05 min

Lab File: BE096580.D

Acq: 15 May 2018 16:17

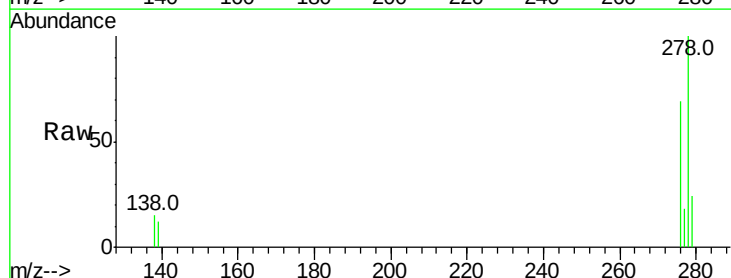
Tgt Ion:276 Resp: 1080997

Ion Ratio Lower Upper

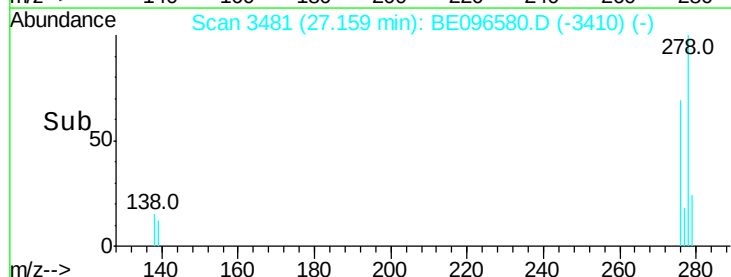
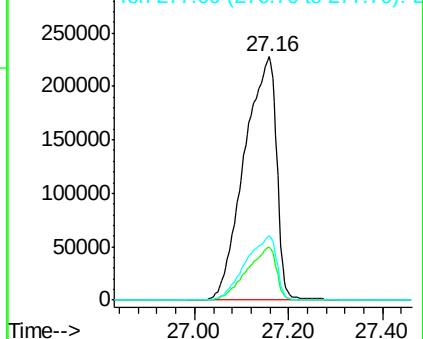
276 100

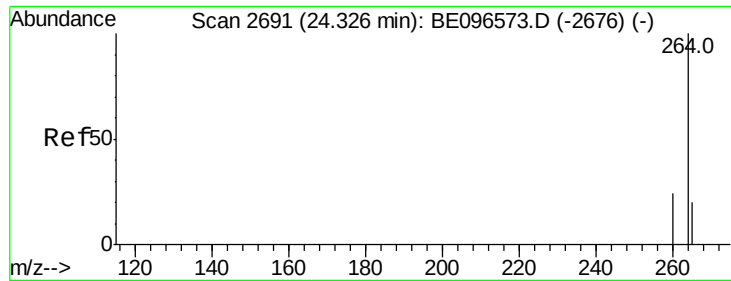
138 20.0 22.5 33.7#

277 25.5 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

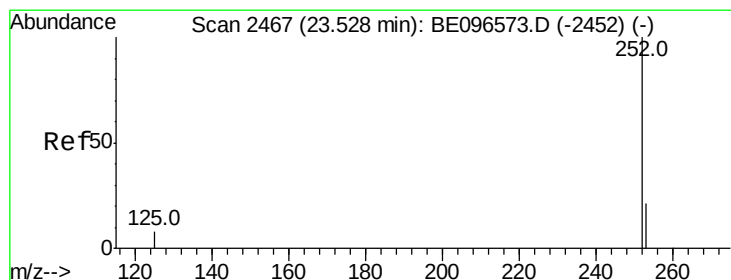
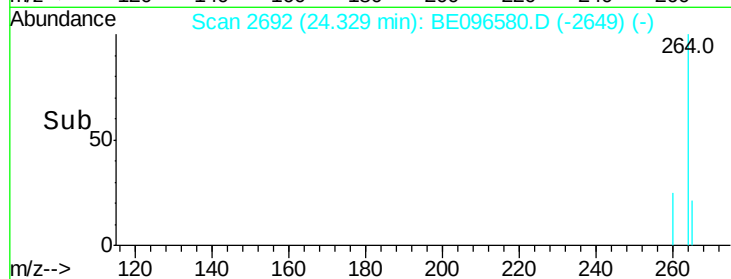
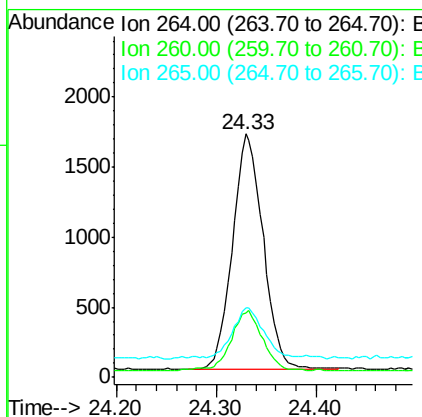
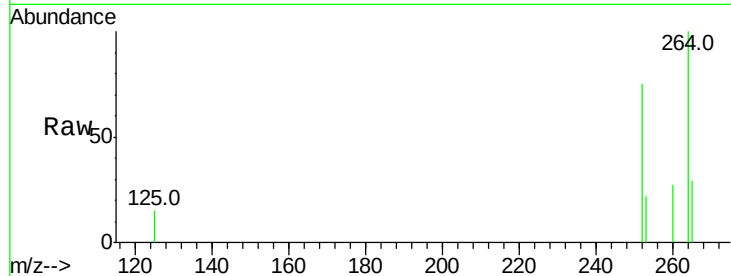




#34
Pervlene-d12
Concen: 0.400 ng
RT: 24.33 min Scan# 2692
Delta R.T. 0.00 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

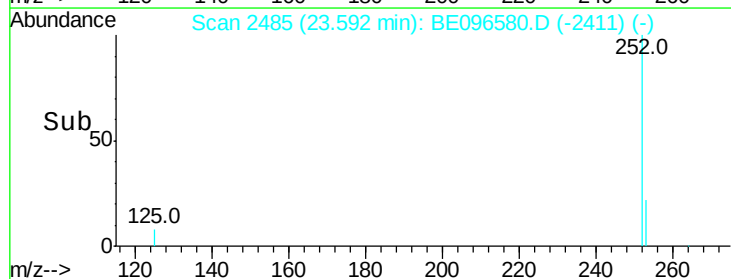
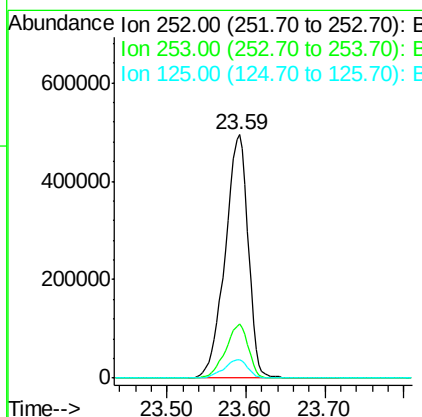
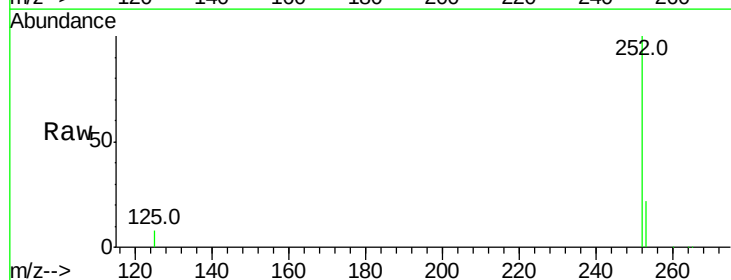
Instrument :
BNA_E
ClientSampleId :

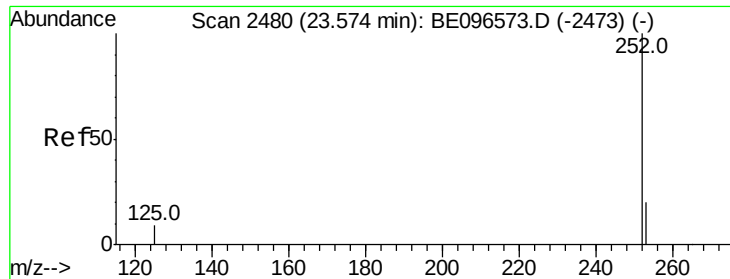
Tot Ion:264 Resp: 3585
Ion Ratio Lower Upper
264 100
260 26.5 20.5 30.7
265 28.7 22.8 34.2



#35
Benzo(b)fluoranthene
Concen: 89.862 ng
RT: 23.59 min Scan# 2485
Delta R.T. 0.06 min
Lab File: BE096580.D
Acq: 15 May 2018 16:17

Tgt Ion:252 Resp: 993902
Ion Ratio Lower Upper
252 100
253 22.1 20.0 30.0
125 7.7 16.0 24.0#





#36

Benzo(k)fluoranthene

Concen: 85.142 ng

RT: 23.59 min Scan# 2485

Delta R.T. 0.02 min

Lab File: BE096580.D

Acq: 15 May 2018 16:17

Instrument :

BNA_E

ClientSampleId :

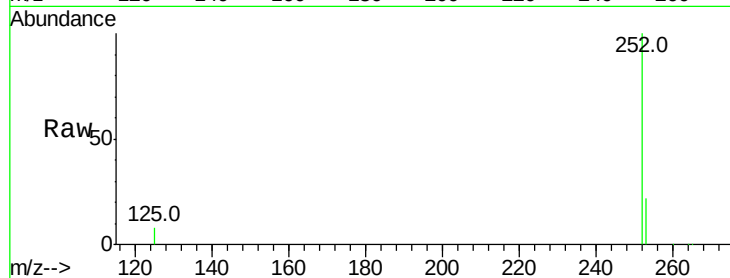
Tot Ion:252 Resp: 996884

Ion Ratio Lower Upper

252 100

253 22.1 16.0 24.0

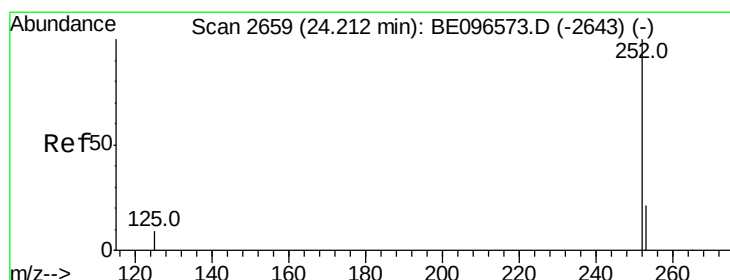
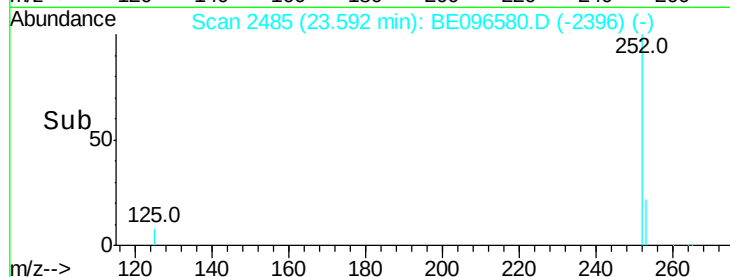
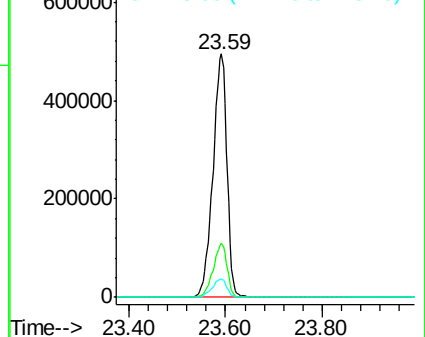
125 7.7 8.0 12.0#



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: 118.958 ng

RT: 24.24 min Scan# 2666

Delta R.T. 0.02 min

Lab File: BE096580.D

Acq: 15 May 2018 16:17

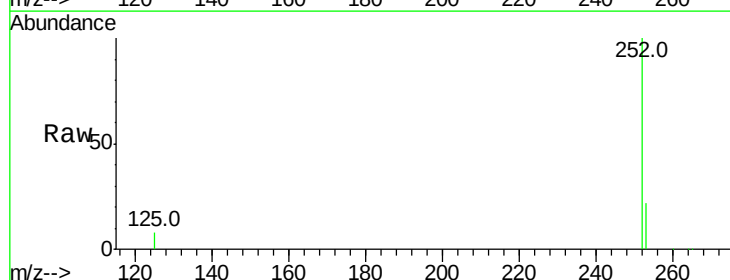
Tgt Ion:252 Resp: 1257565

Ion Ratio Lower Upper

252 100

253 22.0 16.0 24.0

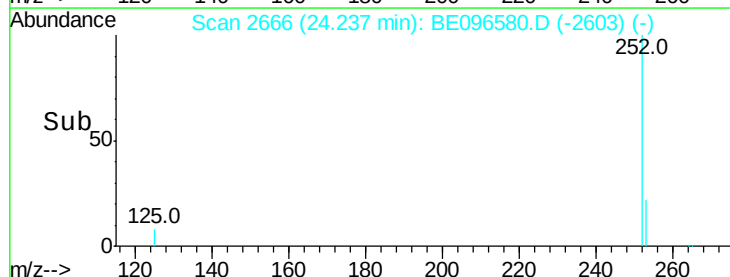
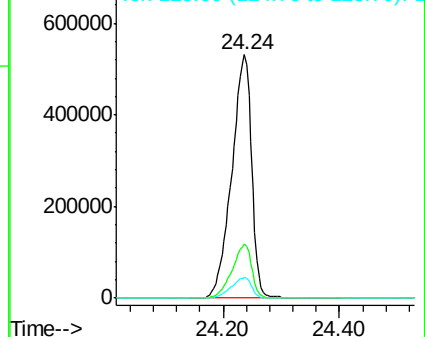
125 8.5 12.0 18.0#

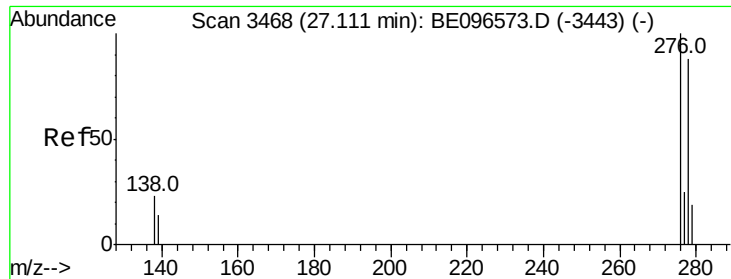


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 102.691 ng

RT: 27.16 min Scan# 3482

Delta R.T. 0.05 min

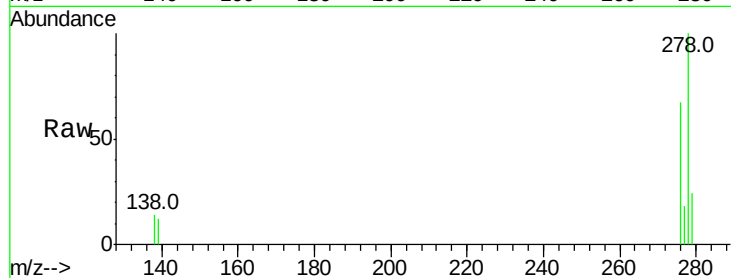
Lab File: BE096580.D

Acq: 15 May 2018 16:17

Instrument :

BNA_E

ClientSampleId :



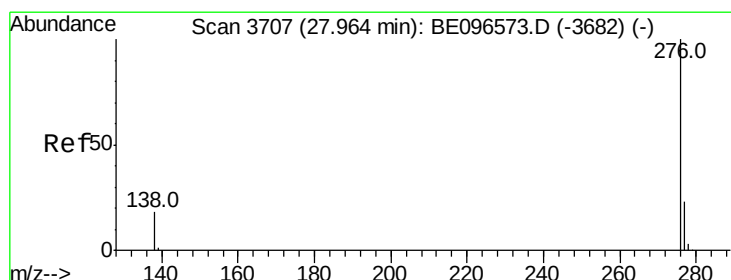
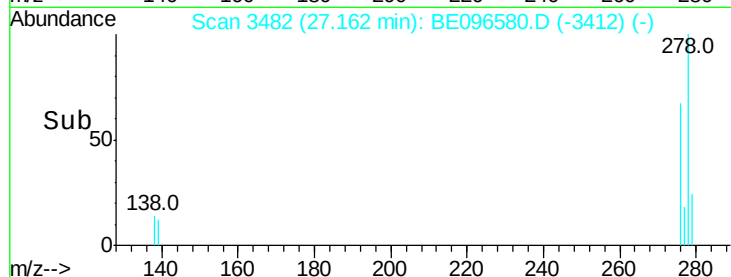
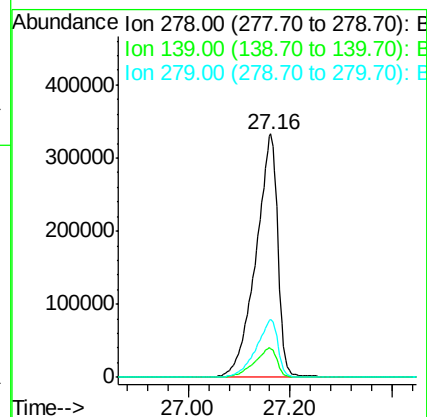
Tot Ion:278 Resp: 992753

Ion Ratio Lower Upper

278 100

139 11.9 16.0 24.0#

279 23.8 20.0 30.0



#39

Benzo(g,h,i)perylene

Concen: 102.694 ng

RT: 28.01 min Scan# 3721

Delta R.T. 0.05 min

Lab File: BE096580.D

Acq: 15 May 2018 16:17

Tgt Ion:276 Resp: 1039054

Ion Ratio Lower Upper

276 100

277 23.7 16.0 24.0

138 16.9 20.0 30.0#

