

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062618\
 Data File : BE096848.D
 Acq On : 26 Jun 2018 12:20
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 27 02:26:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 20 15:45:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2870	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	14132	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	7635	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	19796	0.40	ng	0.00
27) Chrysene-d12	20.98	240	16663	0.40	ng	0.00
34) Perylene-d12	23.21	264	15013	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	2247	0.35	ng	0.00
5) Phenol-d6	6.60	99	3413	0.36	ng	0.00
8) Nitrobenzene-d5	8.53	82	3084	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	7840	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	562	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	11322	0.41	ng	0.00
25) Fluoranthene-d10	18.81	212	65034	0.37	ng	0.00
29) Terphenyl-d14	19.43	244	12656	0.39	ng	0.00

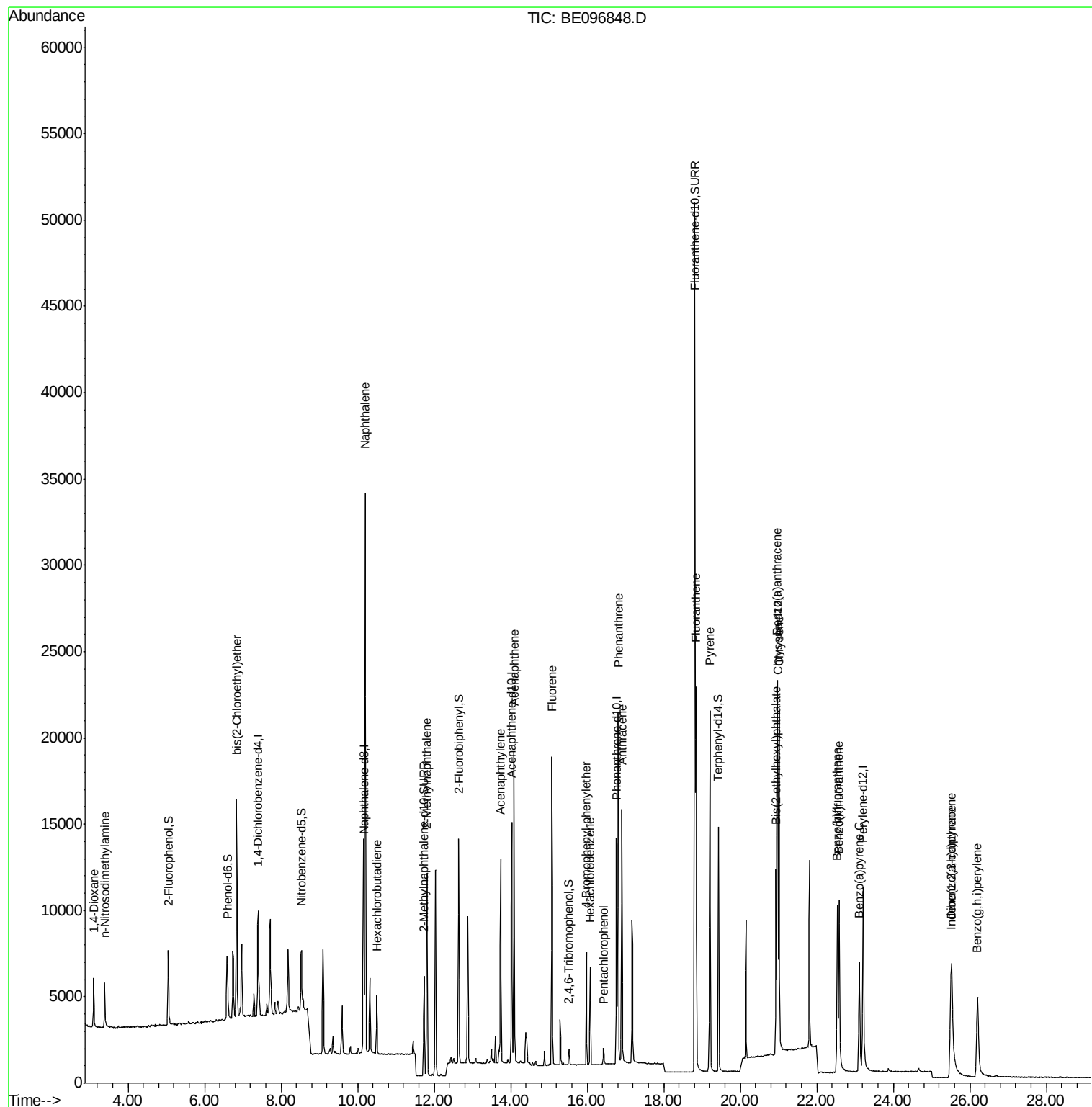
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.10	88	1582	0.368	ng	# 88
3) n-Nitrosodimethylamine	3.38	42	1735	0.381	ng	# 90
6) bis(2-Chloroethyl)ether	6.84	93	4017	0.383	ng	98
9) Naphthalene	10.20	128	50297	0.392	ng	99
10) Hexachlorobutadiene	10.50	225	2185	0.409	ng	96
12) 2-Methylnaphthalene	11.81	142	8292	0.390	ng	99
16) Acenaphthylene	13.74	152	12727	0.384	ng	100
17) Acenaphthene	14.08	154	8565	0.391	ng	95
18) Fluorene	15.08	166	9844	0.383	ng	# 81
20) 4-Bromophenyl-phenylether	15.99	248	3528	0.395	ng	# 78
21) Hexachlorobenzene	16.08	284	4164	0.409	ng	# 80
22) Pentachlorophenol	16.43	266	523	0.356	ng	# 78
23) Phenanthrene	16.81	178	19429	0.399	ng	98
24) Anthracene	16.91	178	15304	0.380	ng	96
26) Fluoranthene	18.84	202	19634	0.399	ng	99
28) Pyrene	19.21	202	19129	0.397	ng	98
30) Benzo(a)anthracene	20.97	228	13396	0.363	ng	95
31) Chrysene	21.02	228	17262	0.379	ng	99
32) Bis(2-ethylhexyl)phthalate	20.93	149	11037	0.334	ng	99
33) Indeno(1,2,3-cd)pyrene	25.50	276	12613	0.372	ng	94
35) Benzo(b)fluoranthene	22.54	252	12749	0.311	ng	# 89
36) Benzo(k)fluoranthene	22.58	252	15416	0.352	ng	95
37) Benzo(a)pyrene	23.11	252	10637	0.327	ng	94
38) Dibenzo(a,h)anthracene	25.53	278	10288	0.343	ng	96
39) Benzo(g,h,i)perylene	26.20	276	11923	0.328	ng	# 93

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

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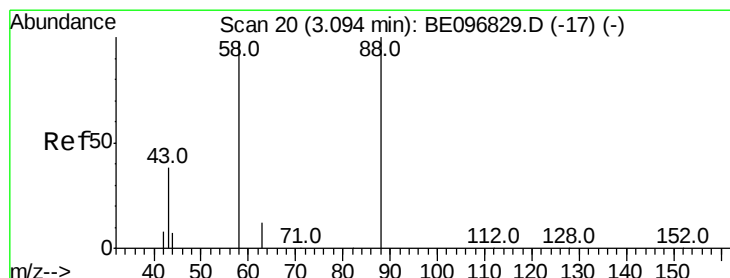
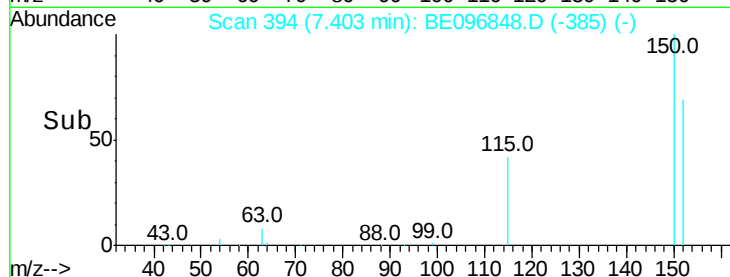
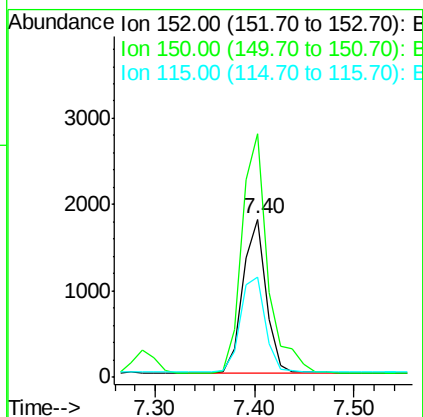
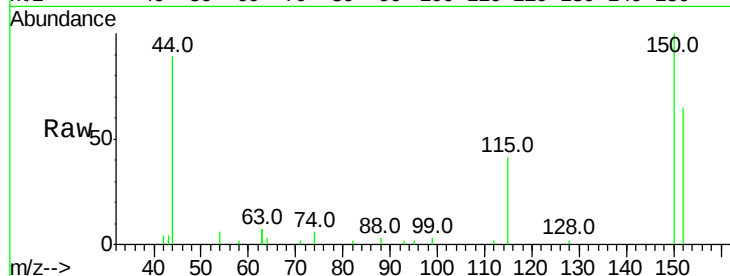


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Instrument :
BNA_E
ClientSampleId :

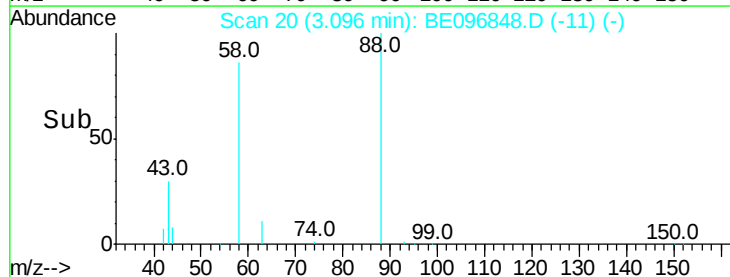
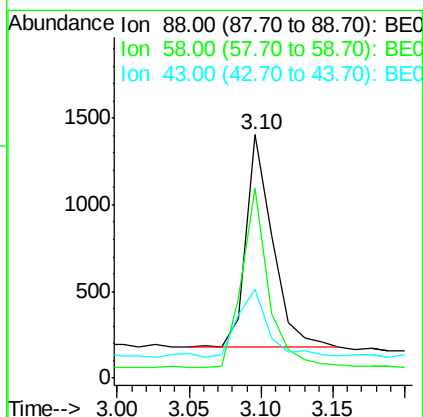
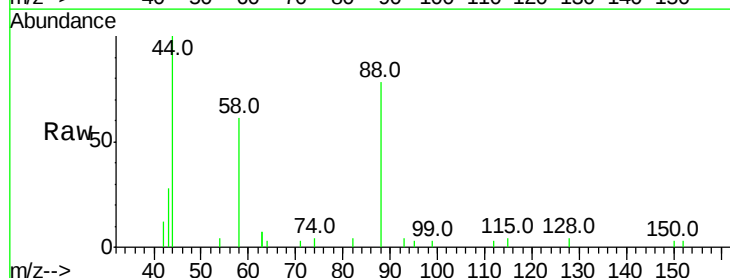
Tot Ion:152 Resp: 2870
Ion Ratio Lower Upper
152 100
150 153.9 117.2 175.8
115 63.3 57.0 85.6



#2

1,4-Dioxane
Concen: 0.368 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Tgt Ion: 88 Resp: 1582
Ion Ratio Lower Upper
88 100
58 85.9 63.2 94.8
43 38.9 41.2 61.8#





#3

n-Nitrosodimethylamine

Concen: 0.381 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

Instrument :

BNA_E

ClientSampleId :

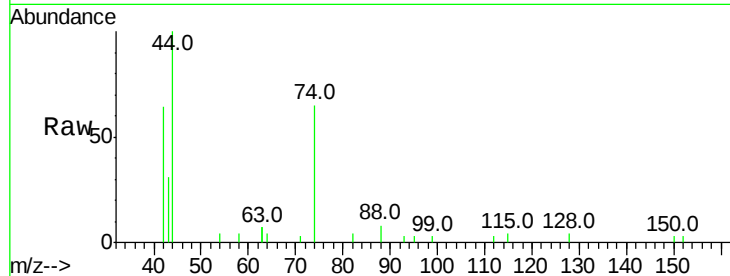
Tot Ion: 42 Resp: 1735

Ion Ratio Lower Upper

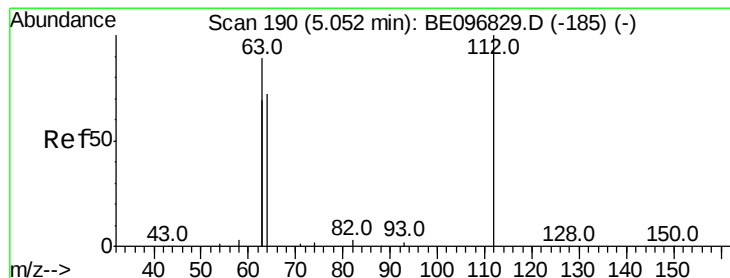
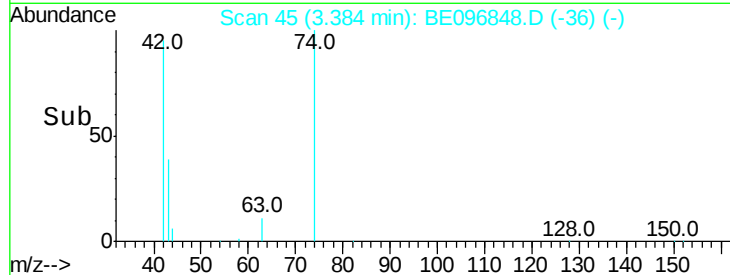
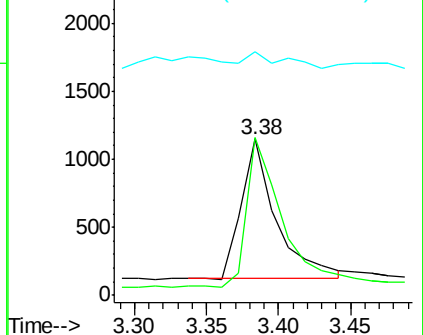
42 100

74 108.8 96.0 144.0

44 10.8 12.0 18.0#



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



#4

2-Fluorophenol

Concen: 0.350 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

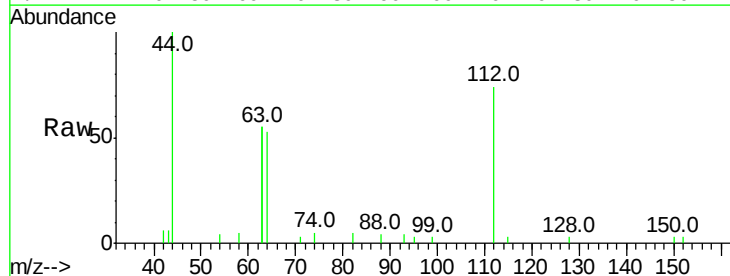
Tgt Ion: 112 Resp: 2247

Ion Ratio Lower Upper

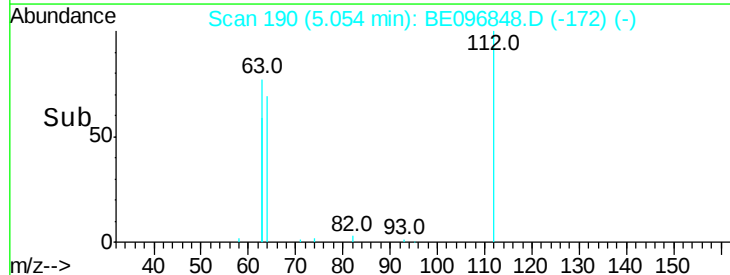
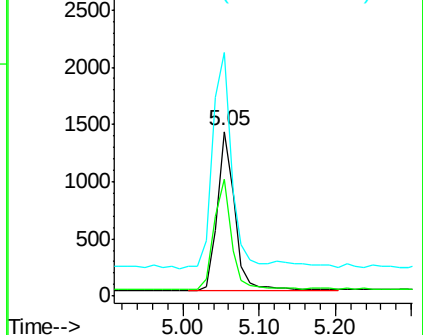
112 100

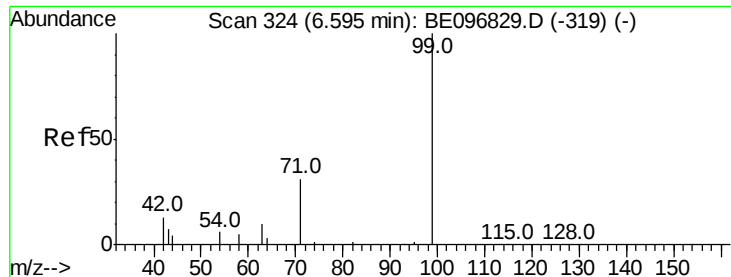
64 68.4 60.1 90.1

63 143.9 116.8 175.2



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: 0.357 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

Instrument :

BNA_E

ClientSampled :

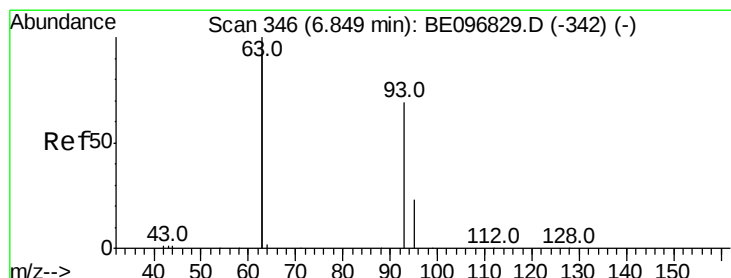
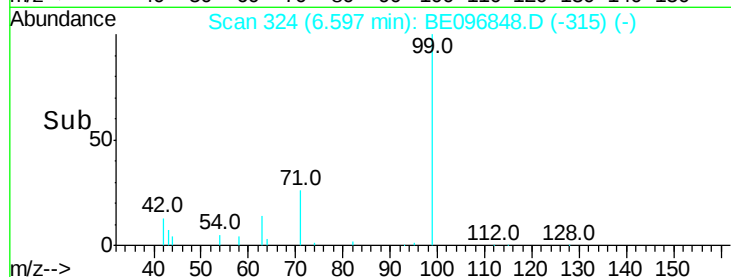
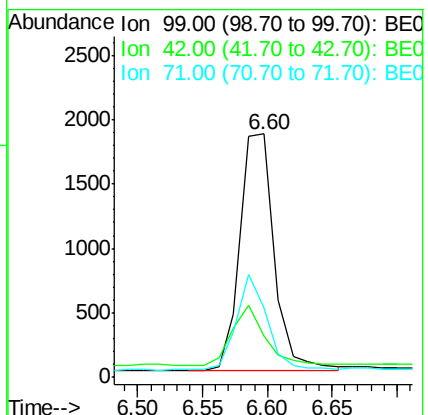
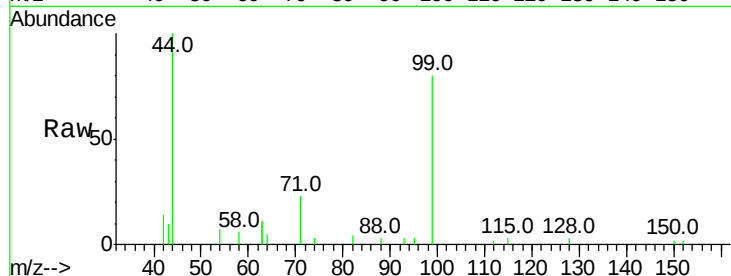
Tot Ion: 99 Resp: 3413

Ion Ratio Lower Upper

99 100

42 24.7 20.2 30.2

71 36.0 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.383 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.01 min

Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

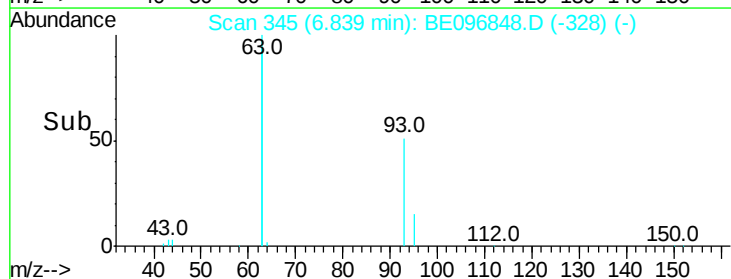
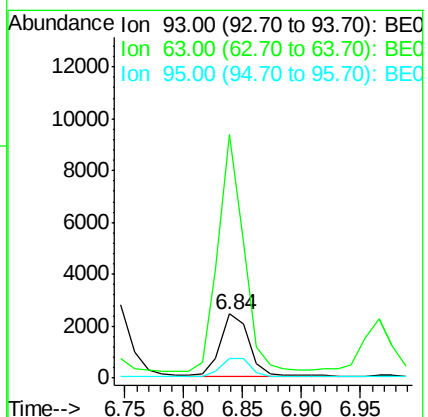
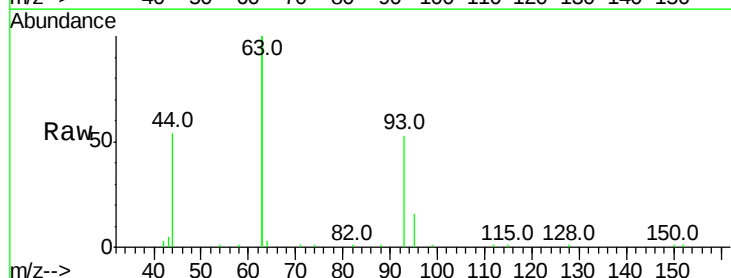
Tgt Ion: 93 Resp: 4017

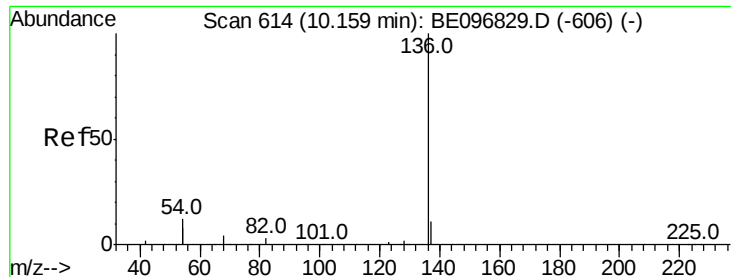
Ion Ratio Lower Upper

93 100

63 339.8 275.3 412.9

95 31.7 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 614

Delta R.T. 0.00 min

Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 14132

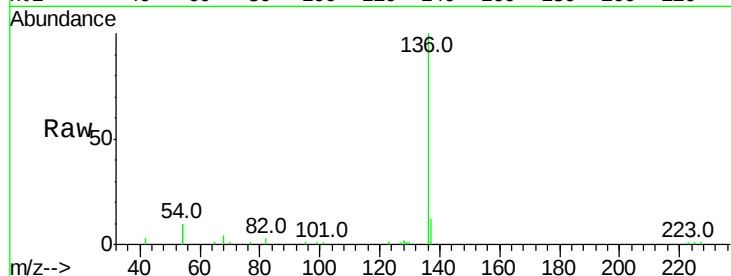
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 20.5 29.1 43.7#

68 4.4 6.2 9.2#

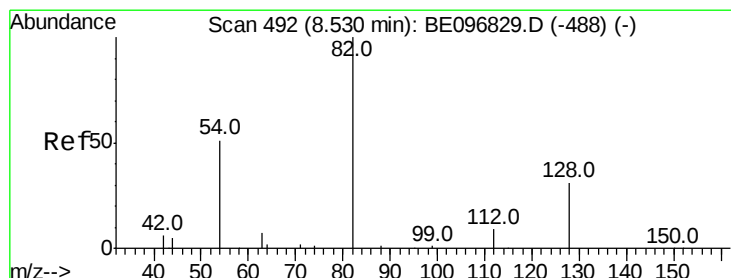
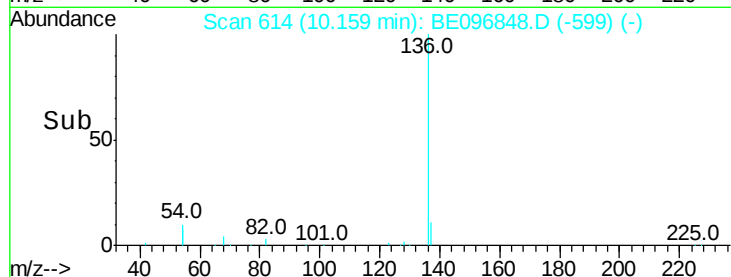
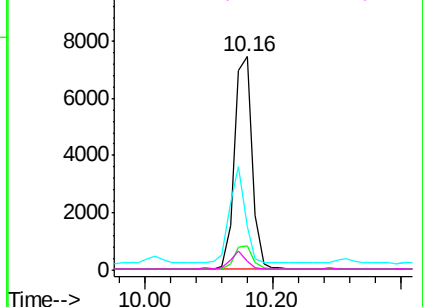


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.360 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

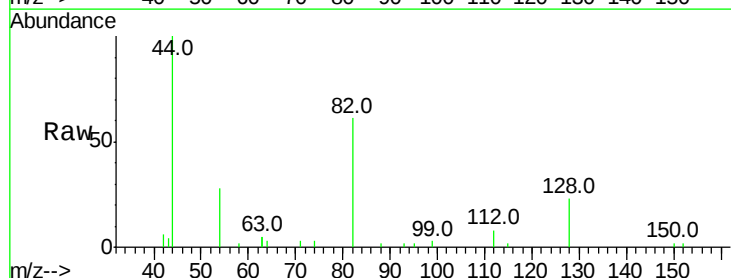
Tgt Ion: 82 Resp: 3084

Ion Ratio Lower Upper

82 100

128 37.8 24.0 36.0#

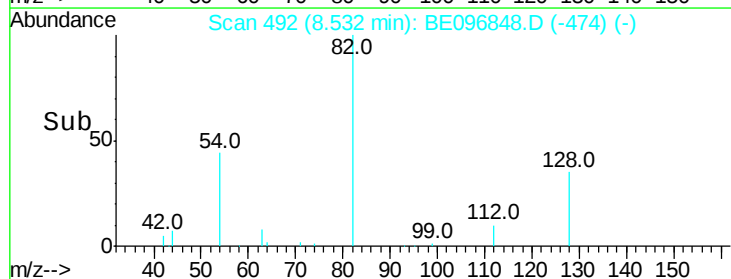
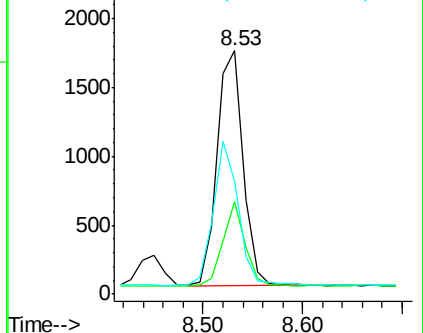
54 46.5 40.0 60.0



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: 0.392 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

Instrument :

BNA_E

ClientSampleId :

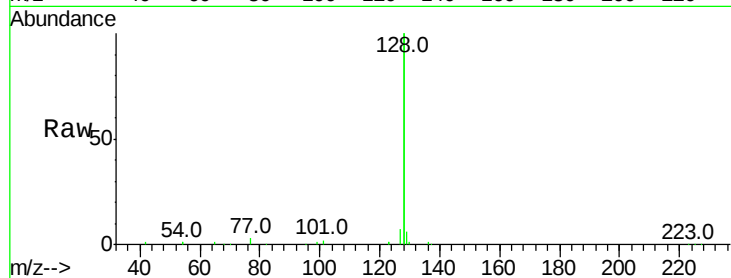
Tot Ion:128 Resp: 50297

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

127 3.4 2.8 4.2

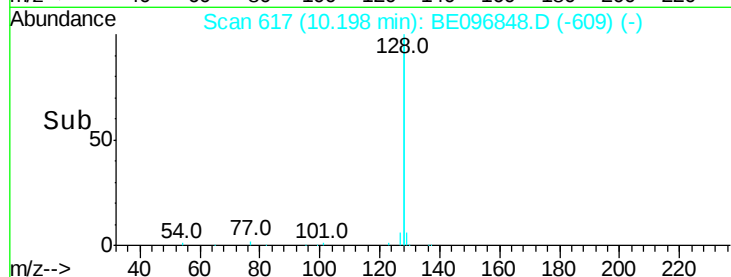


Abundance Ion 128.00 (127.70 to 128.70): E

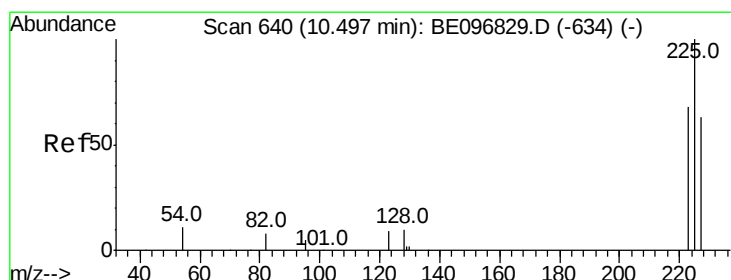
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.20



Time-->



#10

Hexachlorobutadiene

Concen: 0.409 ng

RT: 10.50 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

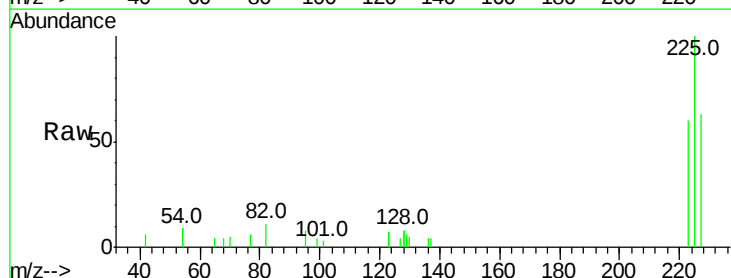
Tgt Ion:225 Resp: 2185

Ion Ratio Lower Upper

225 100

223 60.2 53.0 79.6

227 63.3 51.4 77.2

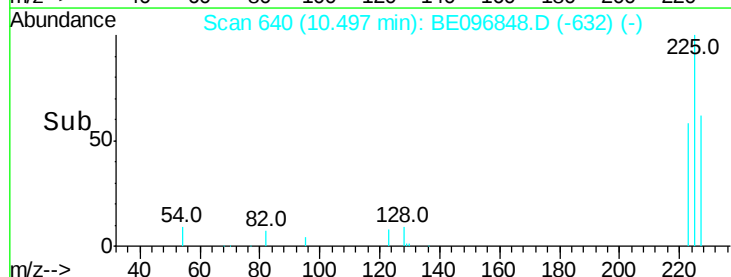


Abundance Ion 225.00 (224.70 to 225.70): E

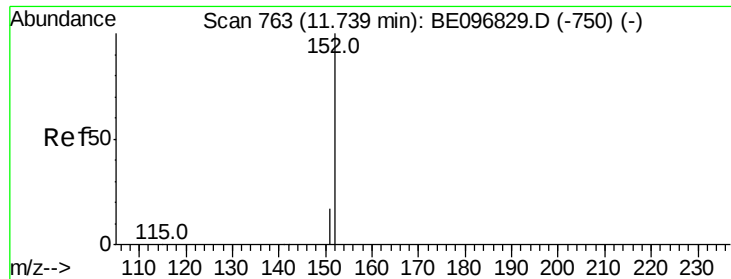
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

10.50



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.386 ng

RT: 11.73 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

Instrument :

BNA_E

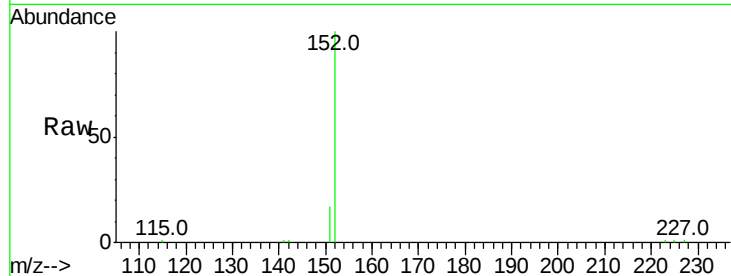
ClientSampled :

Tot Ion:152 Resp: 7840

Ion Ratio Lower Upper

152 100

151 19.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.73

5000

4000

3000

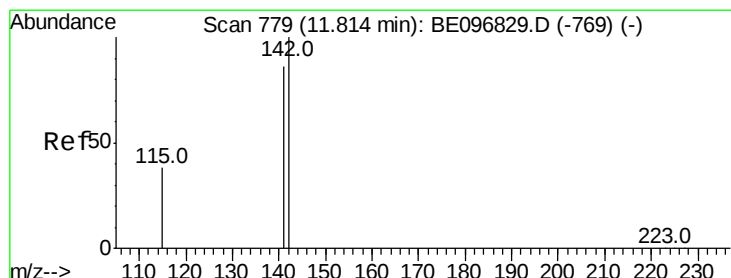
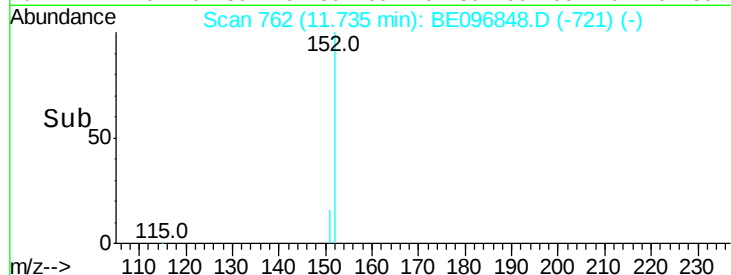
2000

1000

0

Time-->

11.70 11.80



#12

2-Methylnaphthalene

Concen: 0.390 ng

RT: 11.81 min Scan# 778

Delta R.T. -0.00 min

Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

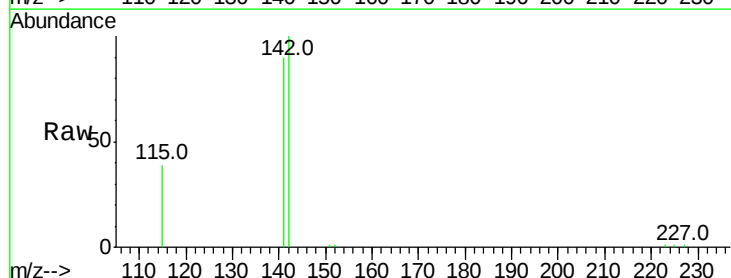
Tgt Ion:142 Resp: 8292

Ion Ratio Lower Upper

142 100

141 89.7 70.4 105.6

115 39.4 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

11.81

6000

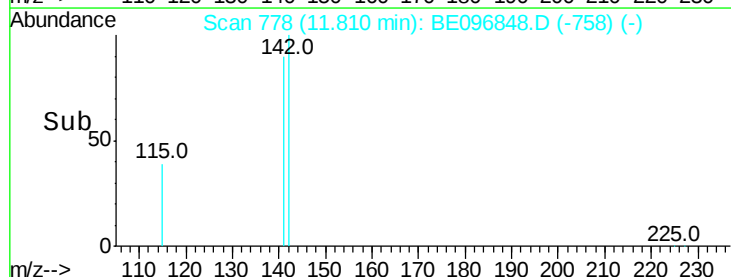
4000

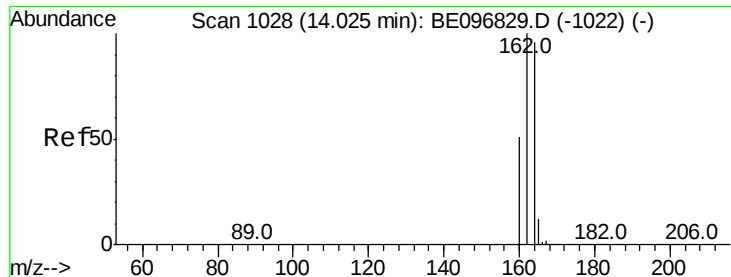
2000

0

Time-->

11.80 11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

Instrument :

BNA_E

ClientSampleId :

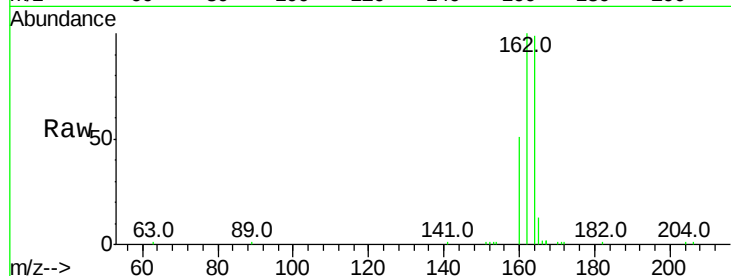
Tot Ion:164 Resp: 7635

Ion Ratio Lower Upper

164 100

162 101.0 83.1 124.7

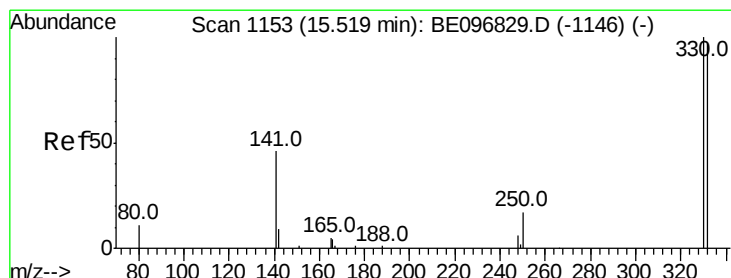
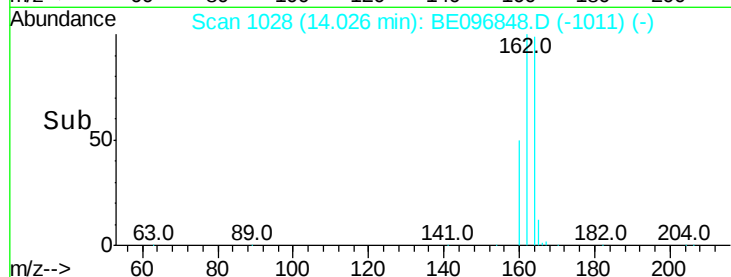
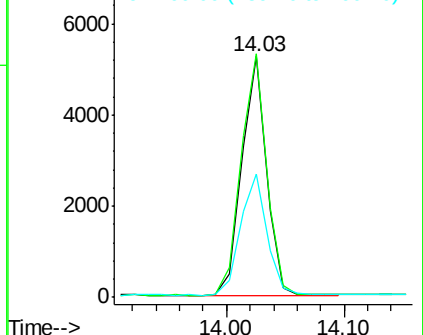
160 51.1 37.1 55.7



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: 0.375 ng

RT: 15.52 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

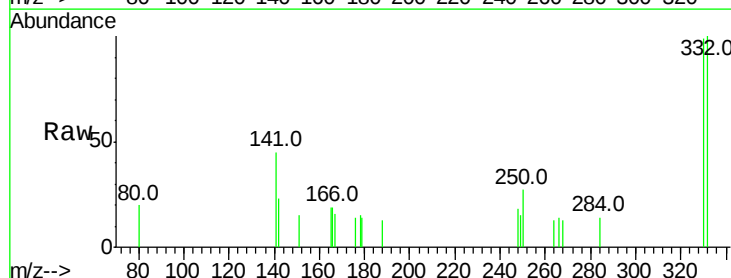
Tgt Ion:330 Resp: 562

Ion Ratio Lower Upper

330 100

332 96.3 152.7 229.1#

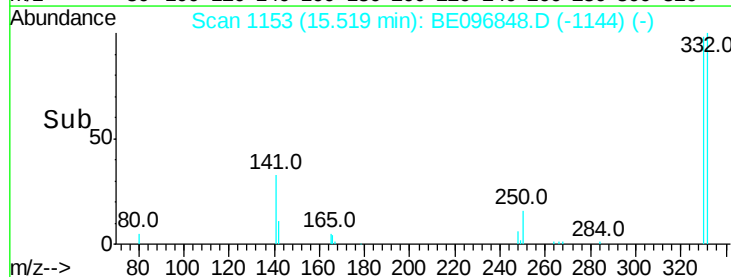
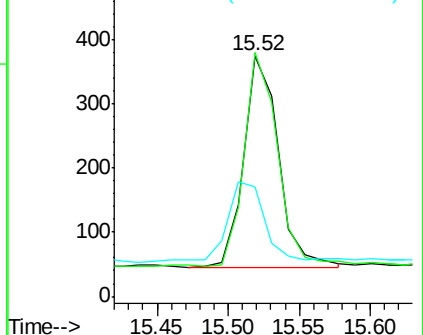
141 41.6 33.7 50.5

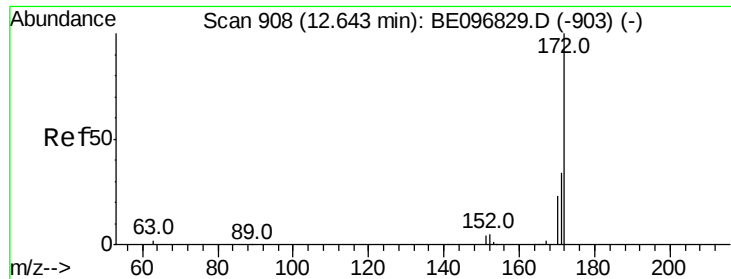


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

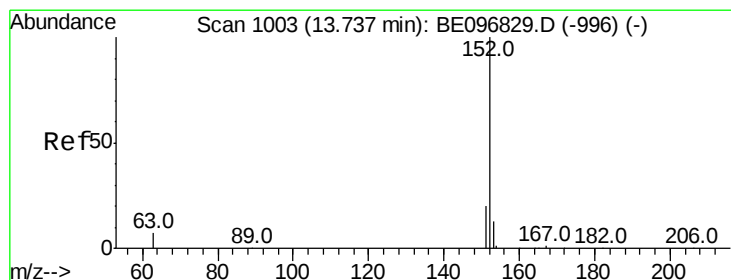
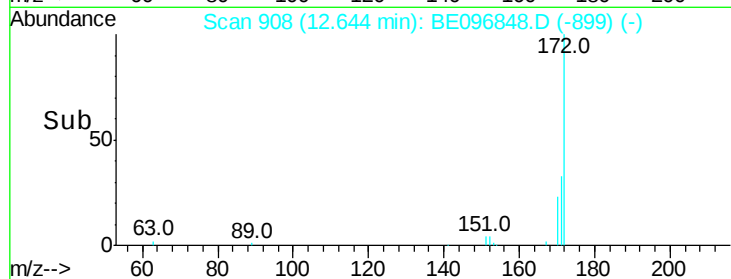
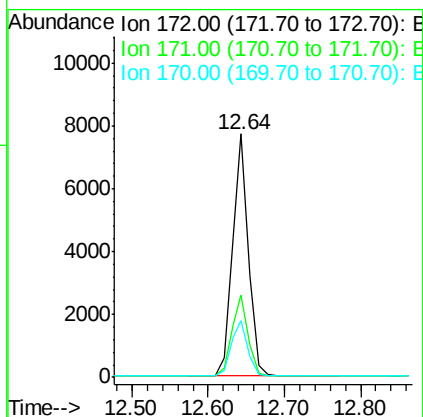
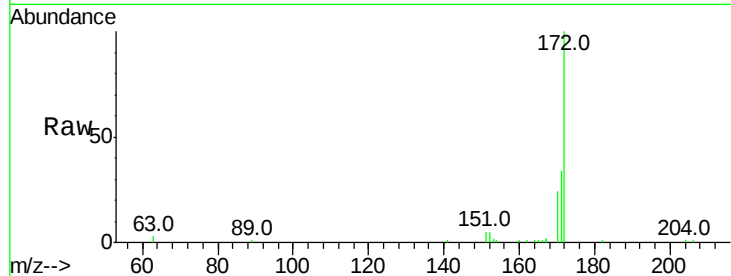




#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.64 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

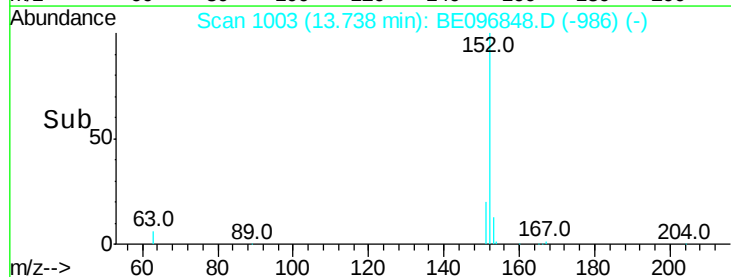
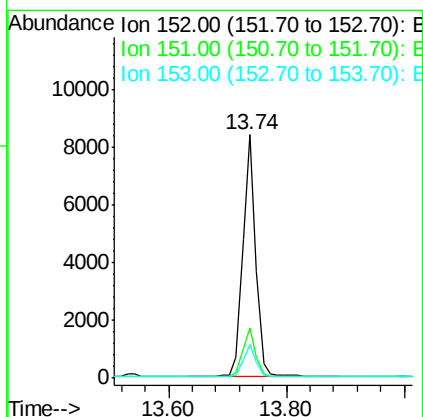
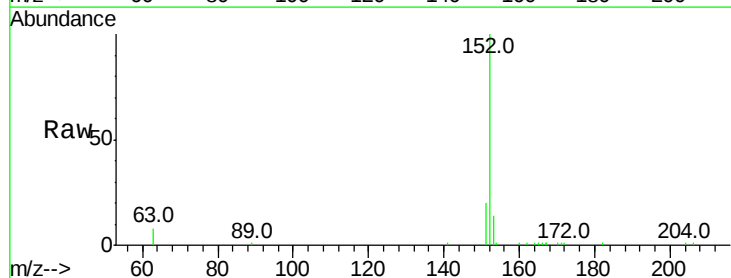
Instrument :
BNA_E
ClientSampleId :

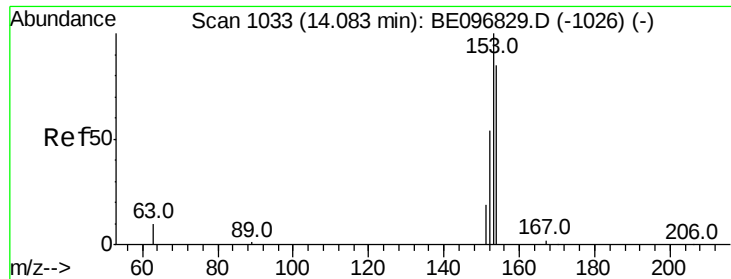
Tot Ion:172 Resp: 11322
Ion Ratio Lower Upper
172 100
171 33.9 29.9 44.9
170 23.6 21.8 32.8



#16
Acenaphthylene
Concen: 0.384 ng
RT: 13.74 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Tgt Ion:152 Resp: 12727
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.391 ng

RT: 14.08 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

Instrument :

BNA_E

ClientSampleId :

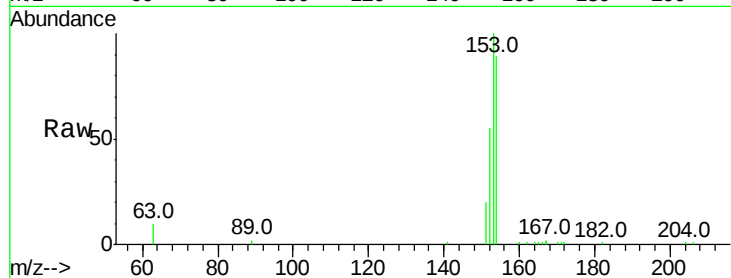
Tot Ion:154 Resp: 8565

Ion Ratio Lower Upper

154 100

153 112.5 89.2 133.8

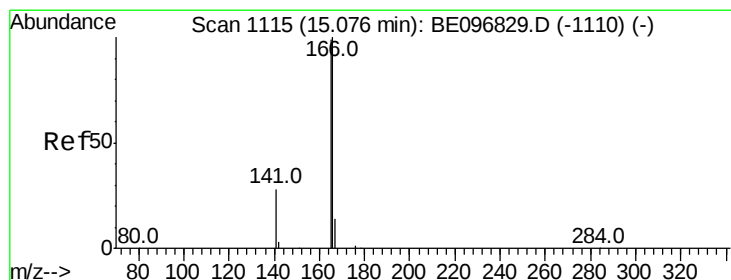
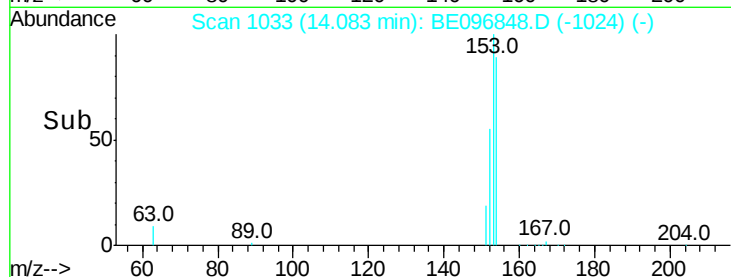
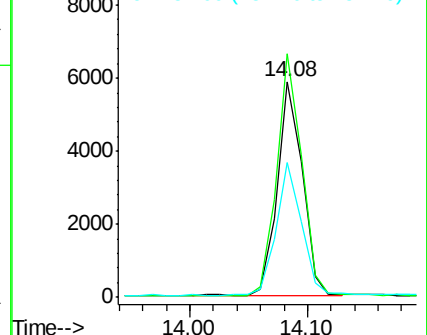
152 62.9 42.0 63.0



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: 0.383 ng

RT: 15.08 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

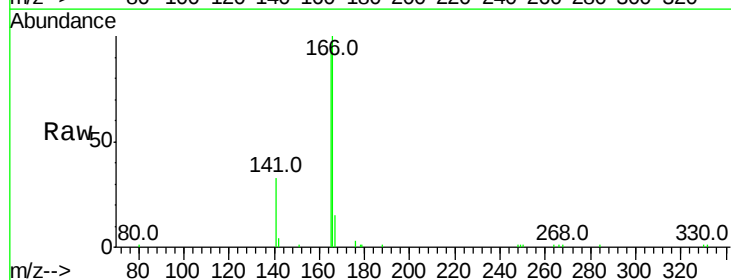
Tgt Ion:166 Resp: 9844

Ion Ratio Lower Upper

166 100

165 98.0 77.8 116.6

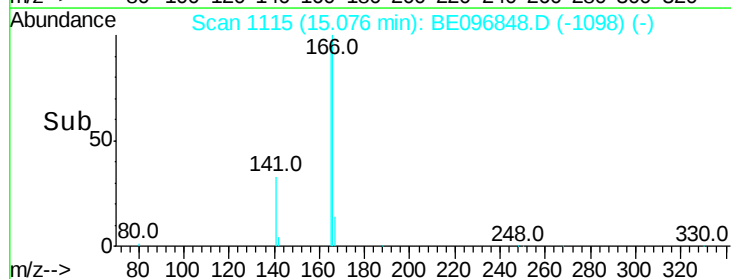
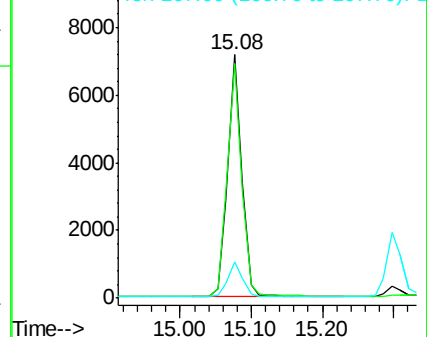
167 14.8 42.4 63.6#

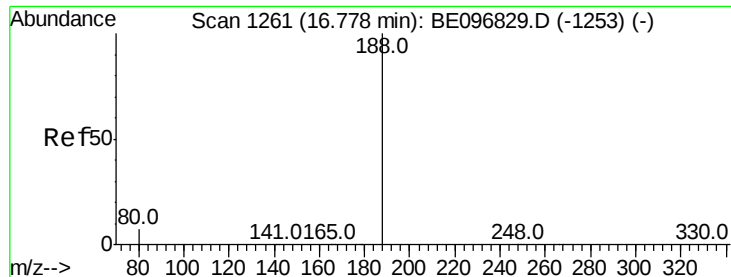


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

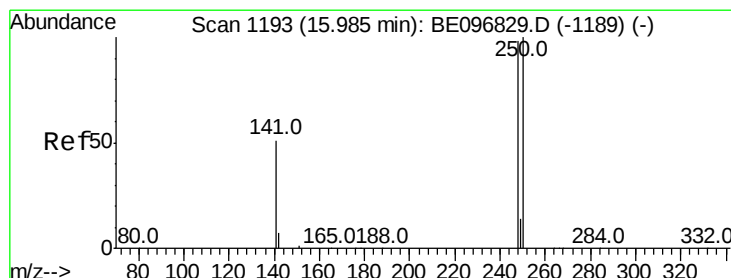
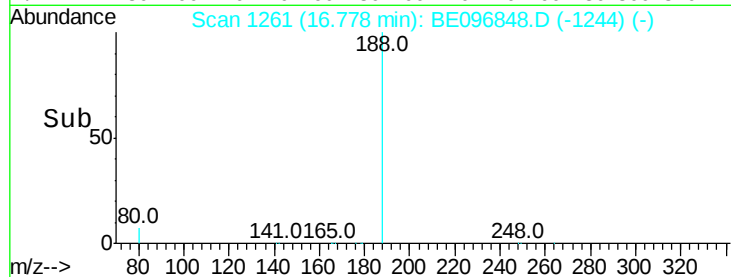
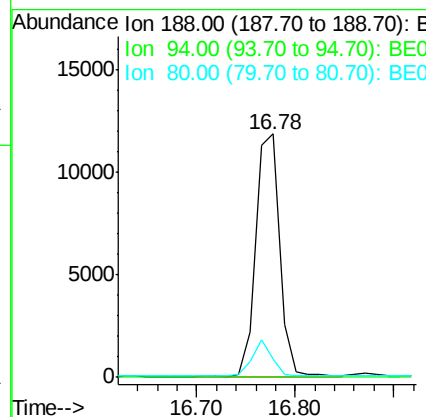
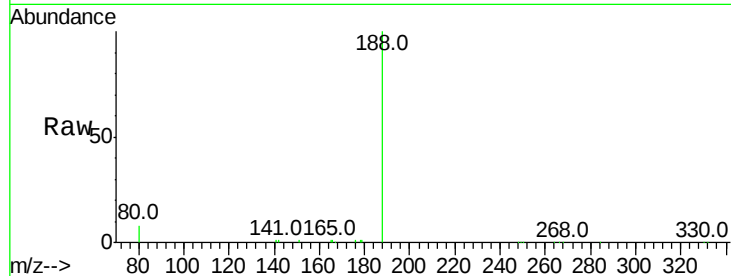




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

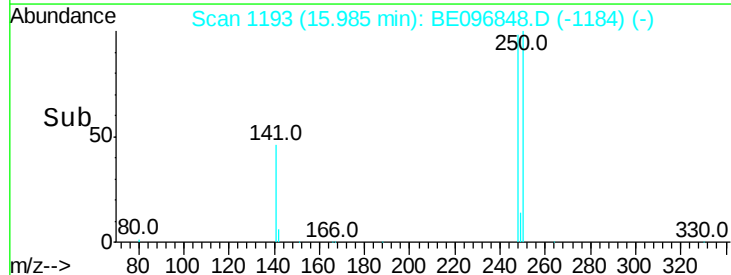
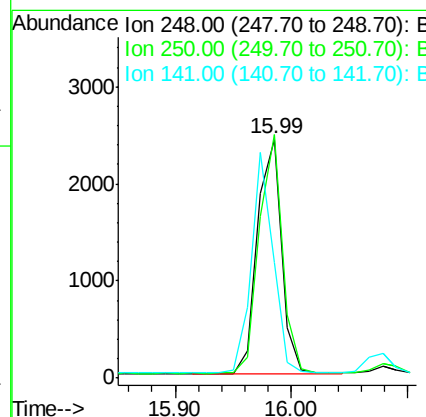
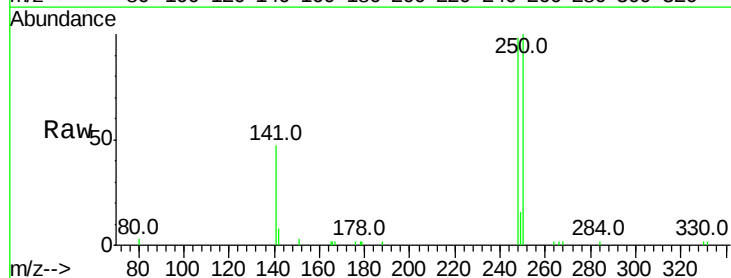
Instrument :
BNA_E
ClientSampleId :

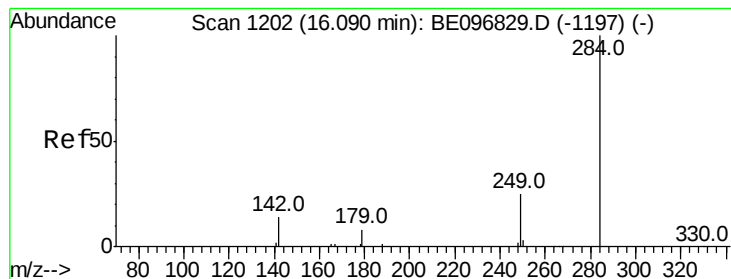
Tot Ion:188 Resp: 19796
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 7.6 3.6 5.4#



#20
4-Bromophenyl-phenylether
Concen: 0.395 ng
RT: 15.99 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Tgt Ion:248 Resp: 3528
Ion Ratio Lower Upper
248 100
250 101.8 62.7 94.1#
141 48.1 48.2 72.2#





#21

Hexachlorobenzene

Concen: 0.409 ng

RT: 16.08 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

Instrument :

BNA_E

ClientSampleId :

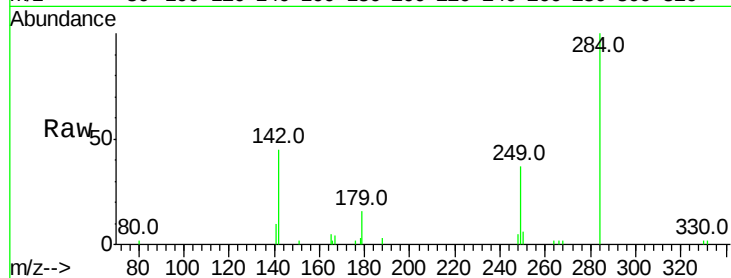
Tot Ion:284 Resp: 4164

Ion Ratio Lower Upper

284 100

142 39.5 22.1 33.1#

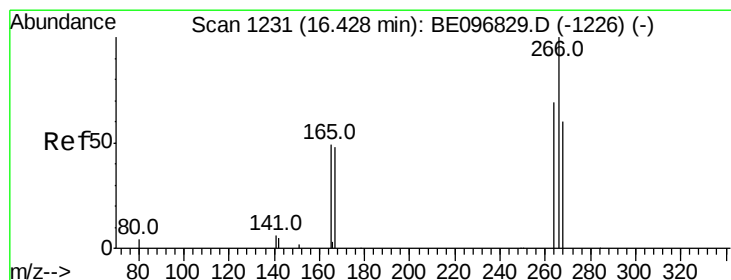
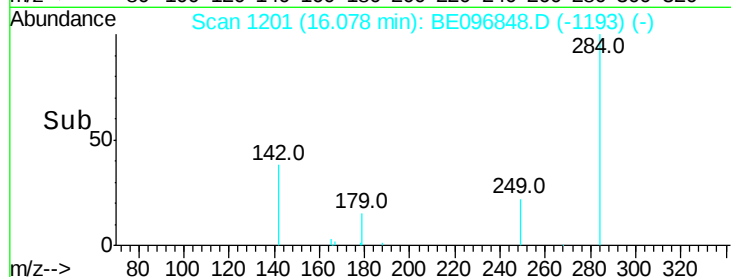
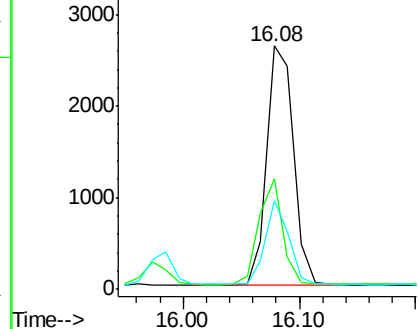
249 31.3 34.8 52.2#



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: 0.356 ng

RT: 16.43 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

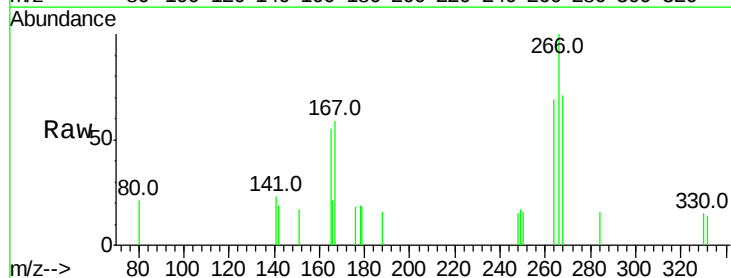
Tgt Ion:266 Resp: 523

Ion Ratio Lower Upper

266 100

264 69.2 72.5 108.7#

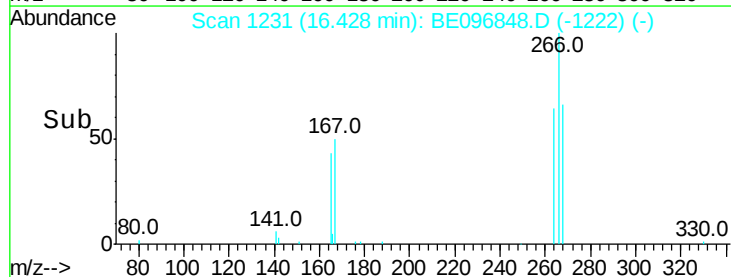
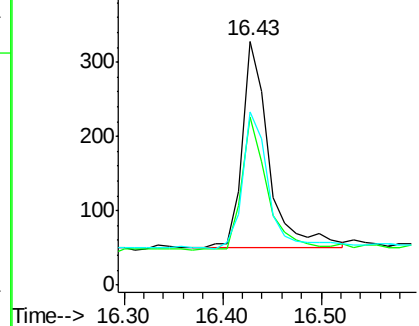
268 71.3 73.8 110.6#

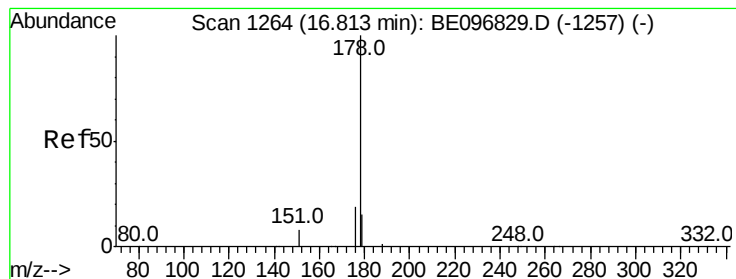


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.399 ng

RT: 16.81 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

Instrument :

BNA_E

ClientSampleId :

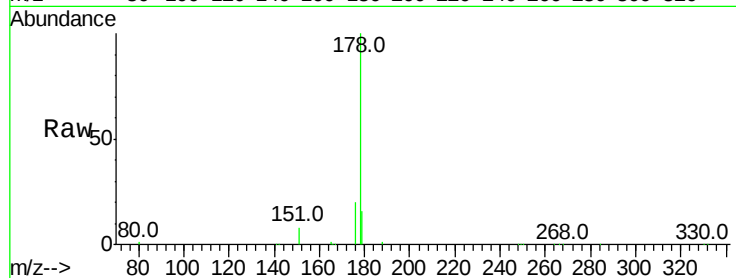
Tot Ion:178 Resp: 19429

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

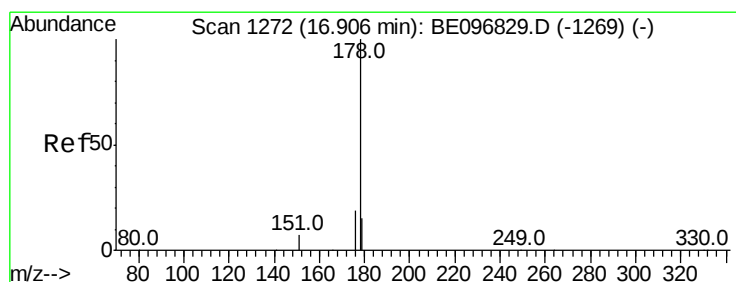
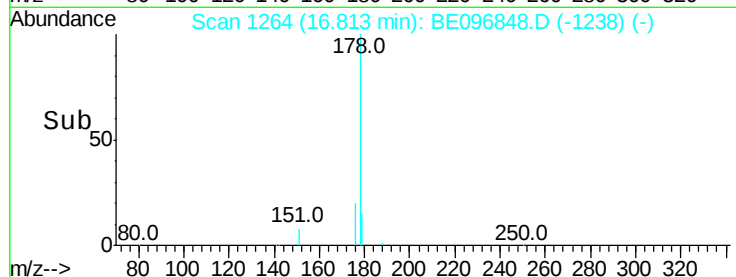
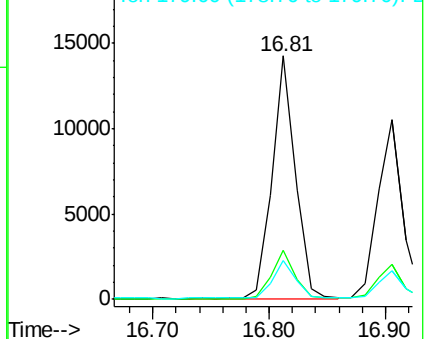
179 15.6 11.8 17.6



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



#24

Anthracene

Concen: 0.380 ng

RT: 16.91 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

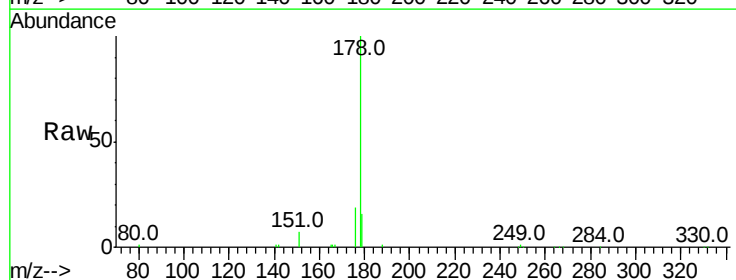
Tgt Ion:178 Resp: 15304

Ion Ratio Lower Upper

178 100

176 18.7 12.8 19.2

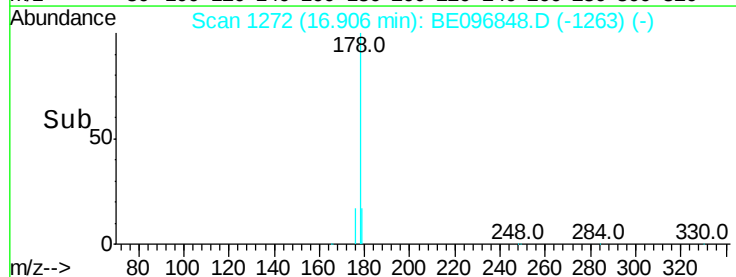
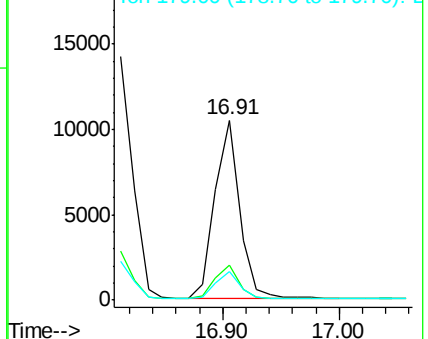
179 15.2 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.373 ng

RT: 18.81 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

Instrument :

BNA_E

ClientSampleId :

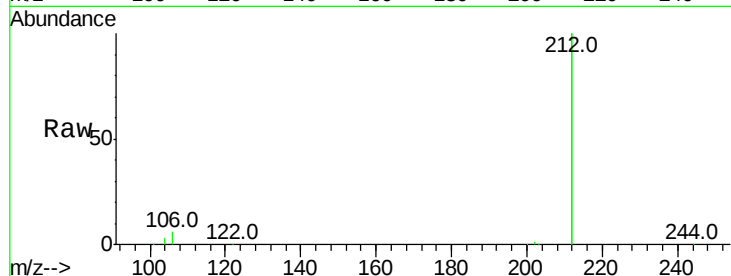
Tot Ion:212 Resp: 65034

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

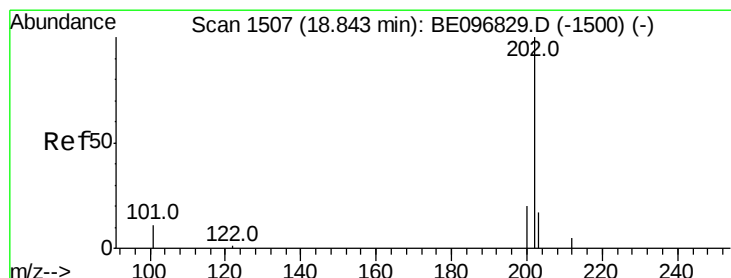
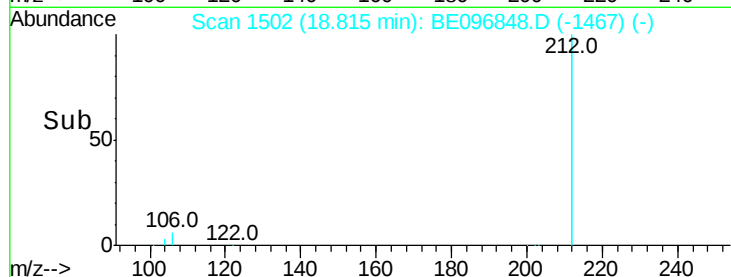
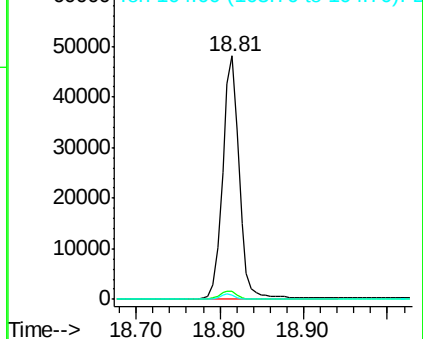
104 2.0 1.6 2.4



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: 0.399 ng

RT: 18.84 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

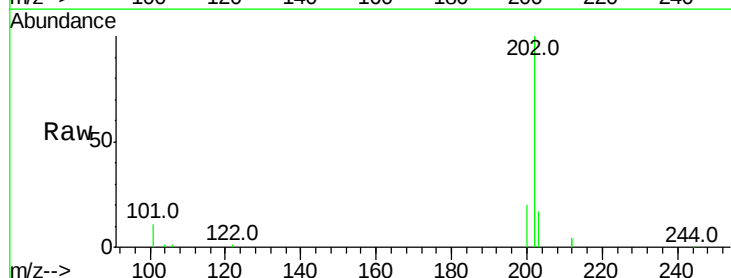
Tgt Ion:202 Resp: 19634

Ion Ratio Lower Upper

202 100

101 11.0 9.8 14.8

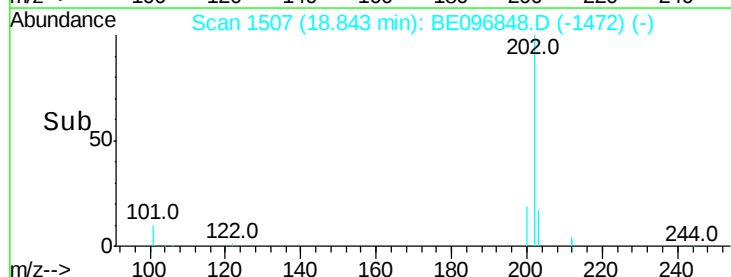
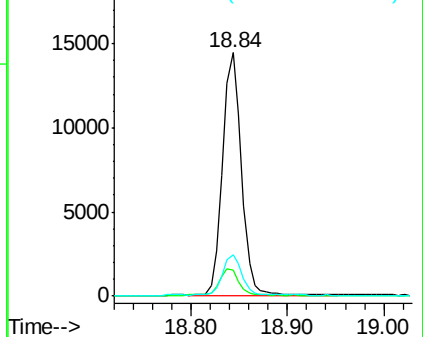
203 17.0 13.7 20.5



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: 20.98 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

Instrument :

BNA_E

ClientSampleId :

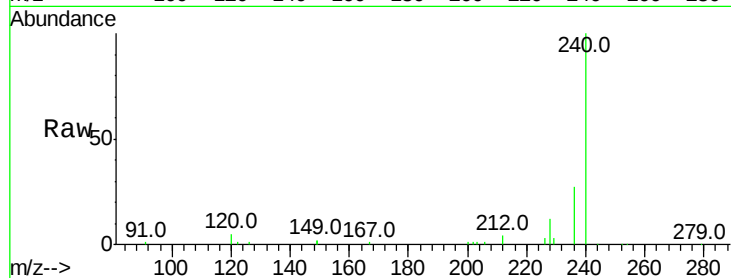
Tot Ion:240 Resp: 16663

Ion Ratio Lower Upper

240 100

120 5.3 5.5 8.3#

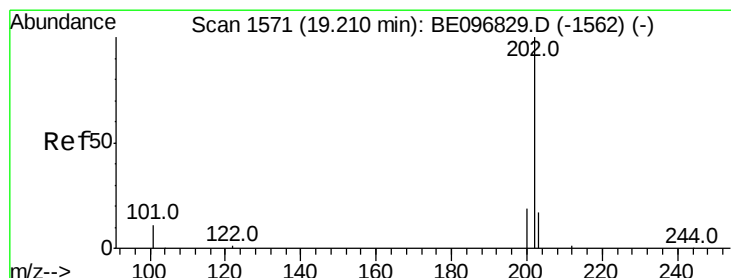
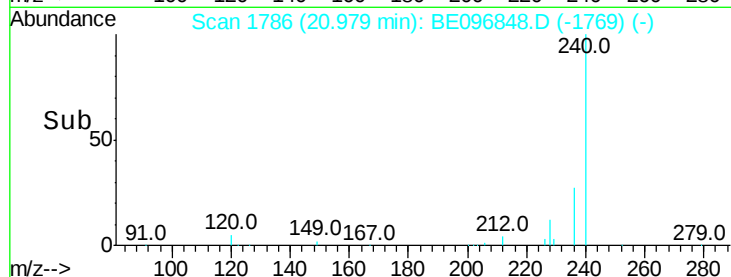
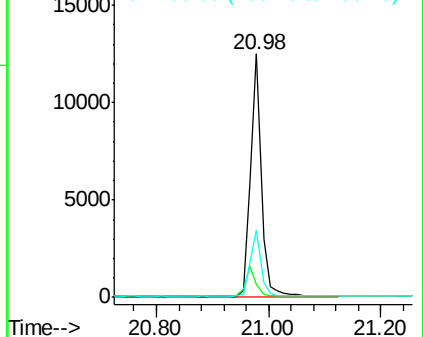
236 27.4 20.7 31.1



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: 0.397 ng

RT: 19.21 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

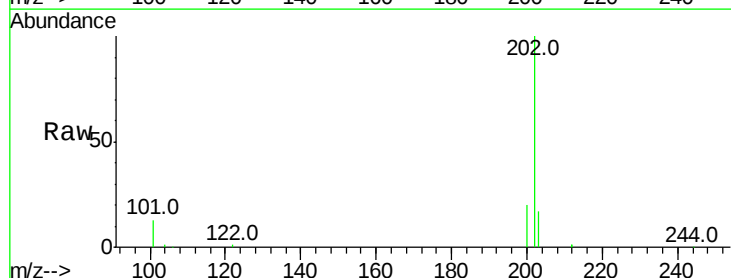
Tgt Ion:202 Resp: 19129

Ion Ratio Lower Upper

202 100

200 19.3 16.6 25.0

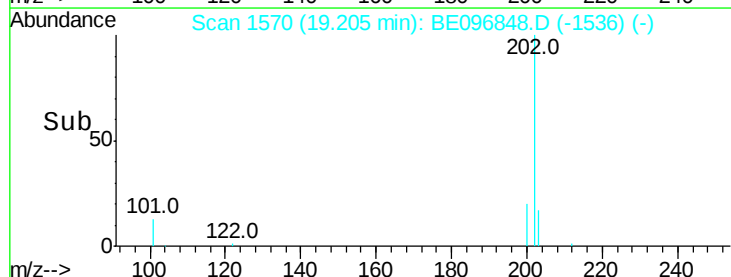
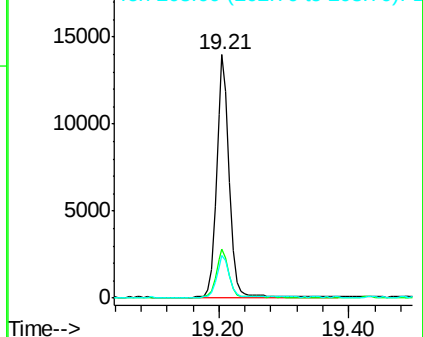
203 17.1 13.8 20.8

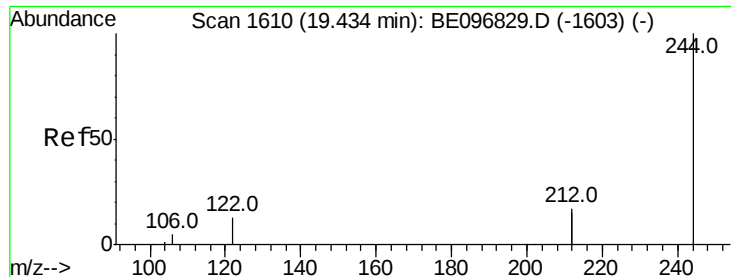


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.394 ng

RT: 19.43 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

Instrument :

BNA_E

ClientSampleId :

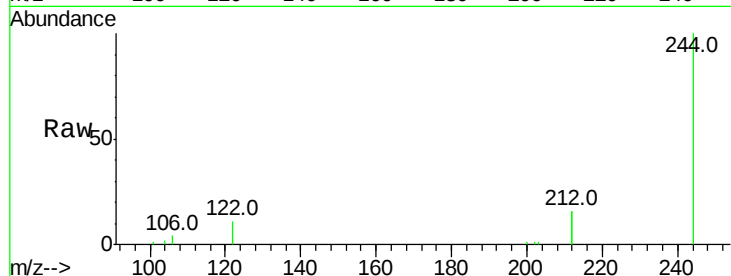
Tot Ion:244 Resp: 12656

Ion Ratio Lower Upper

244 100

212 31.7 25.4 38.0

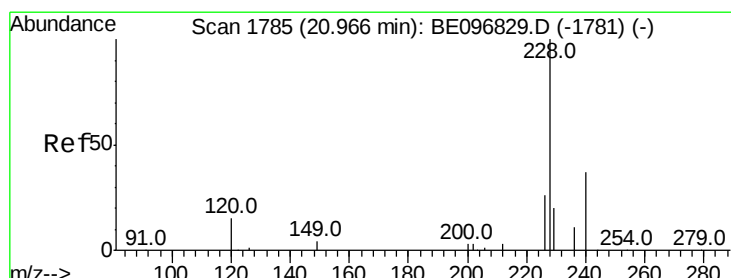
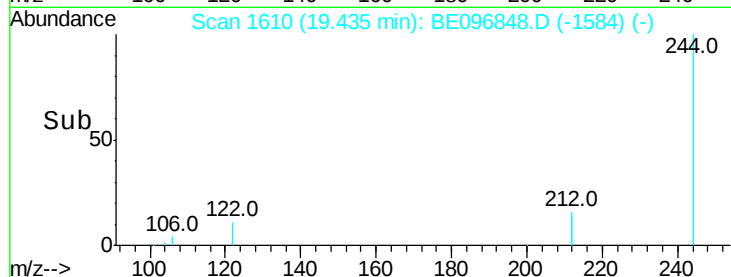
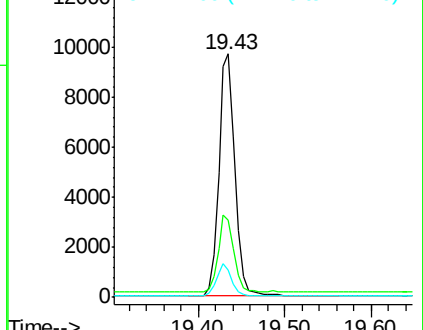
122 11.2 8.1 12.1



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: 0.363 ng

RT: 20.97 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

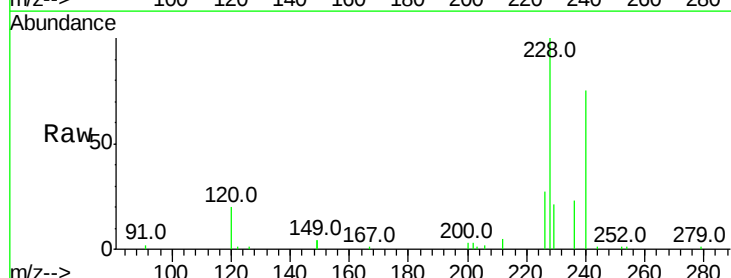
Tgt Ion:228 Resp: 13396

Ion Ratio Lower Upper

228 100

226 26.5 24.0 36.0

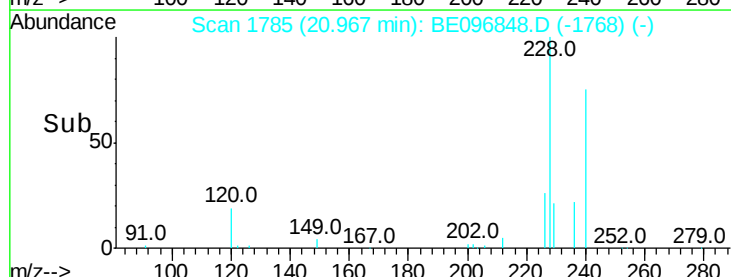
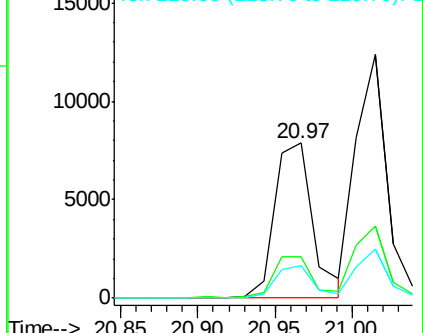
229 21.2 16.0 24.0

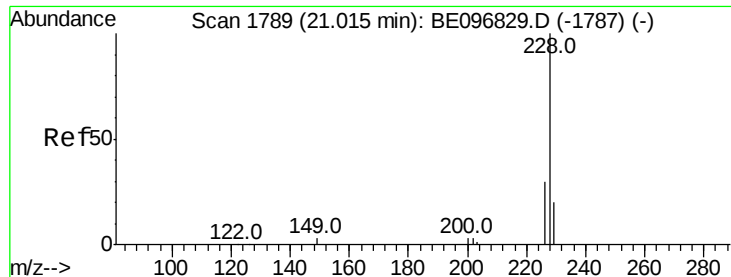


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.379 ng

RT: 21.02 min Scan# 1789

Delta R.T. 0.00 min

Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

Instrument :

BNA_E

ClientSampleId :

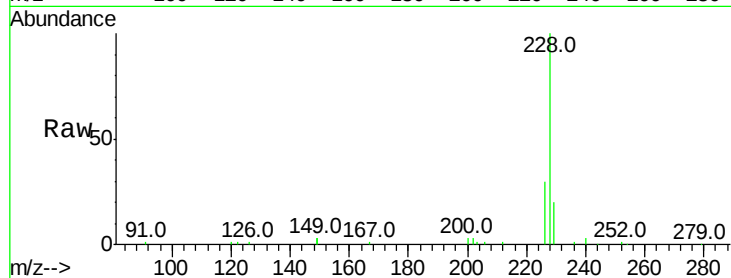
Tot Ion:228 Resp: 17262

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	20.4	16.0	24.0

228 100

226 29.8 24.0 36.0

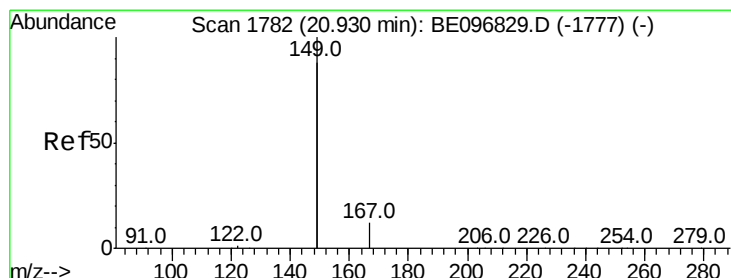
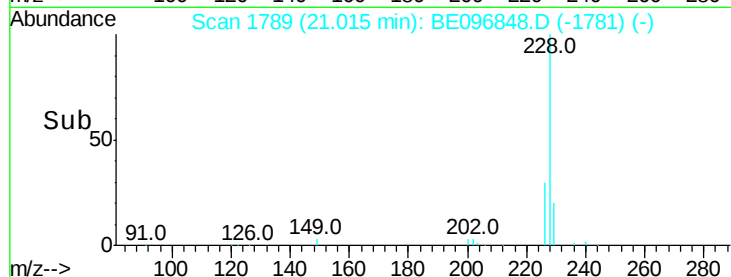
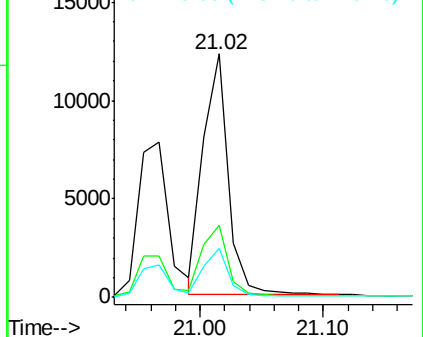
229 20.4 16.0 24.0



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: 0.334 ng

RT: 20.93 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

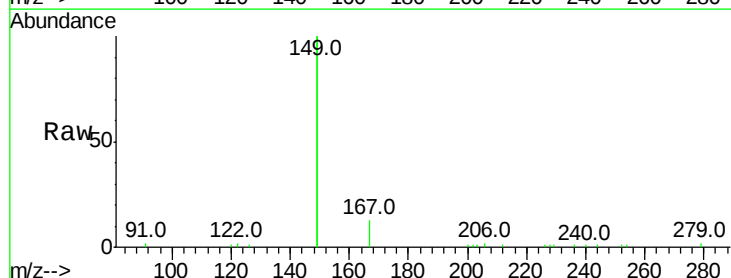
Tgt Ion:149 Resp: 11037

Ion	Ratio	Lower	Upper
149	100		
167	6.2	5.4	8.0
279	1.0	0.7	1.1

149 100

167 6.2 5.4 8.0

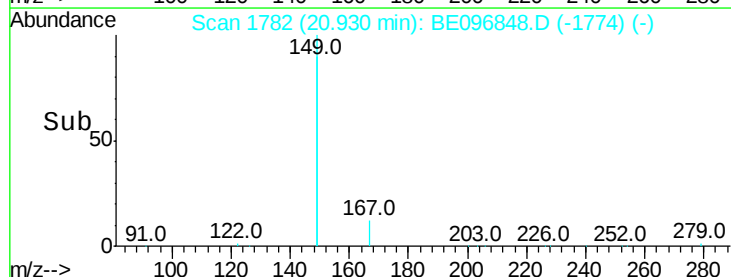
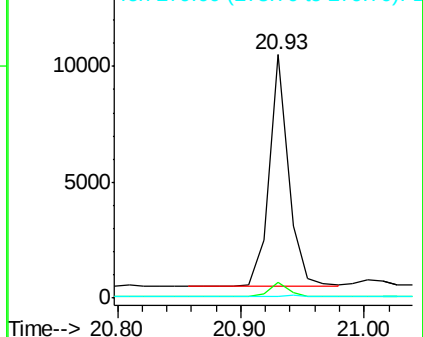
279 1.0 0.7 1.1



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: 0.372 ng

RT: 25.50 min Scan# 2841

Delta R.T. -0.01 min

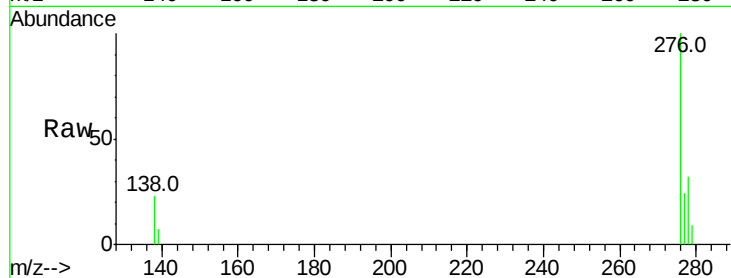
Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

Instrument :

BNA_E

ClientSampleId :



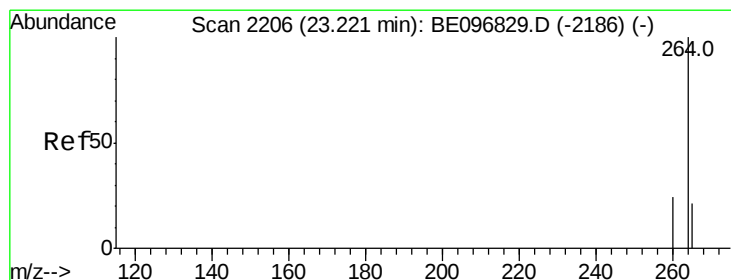
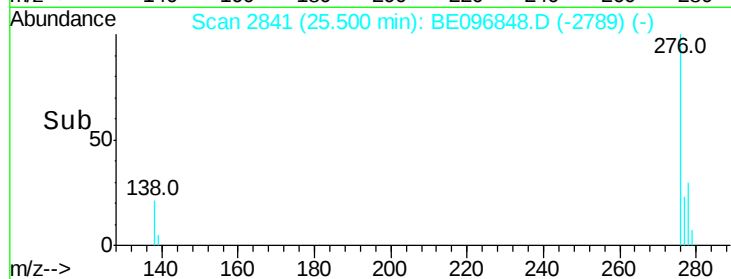
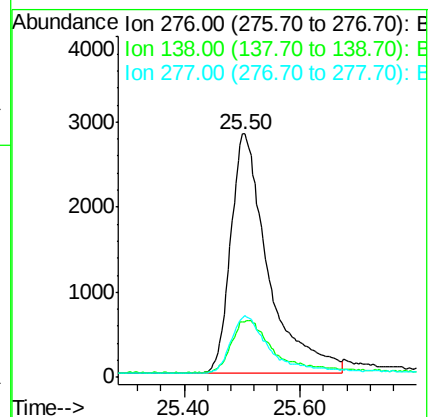
Tot Ion:276 Resp: 12613

Ion Ratio Lower Upper

276 100

138 23.0 22.5 33.7

277 24.1 19.9 29.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

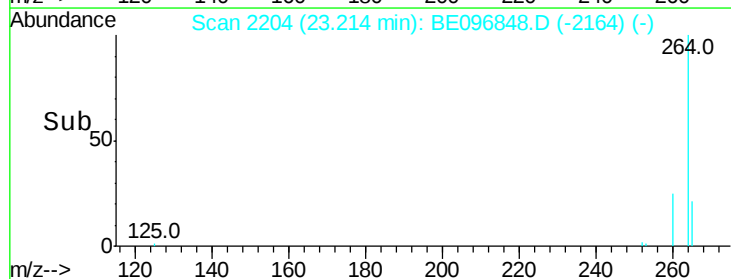
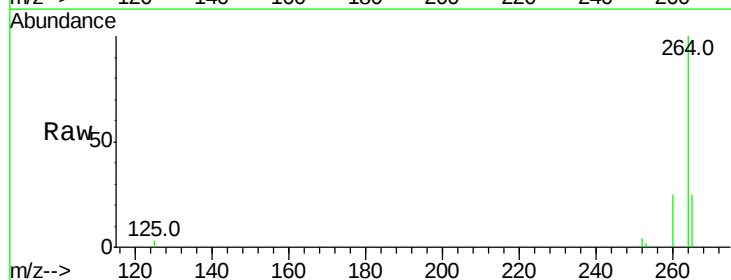
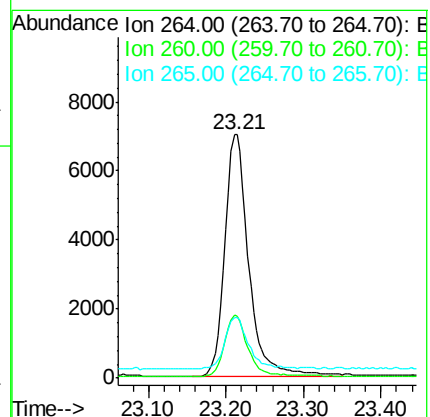
Tgt Ion:264 Resp: 15013

Ion Ratio Lower Upper

264 100

260 25.5 20.5 30.7

265 24.8 22.8 34.2

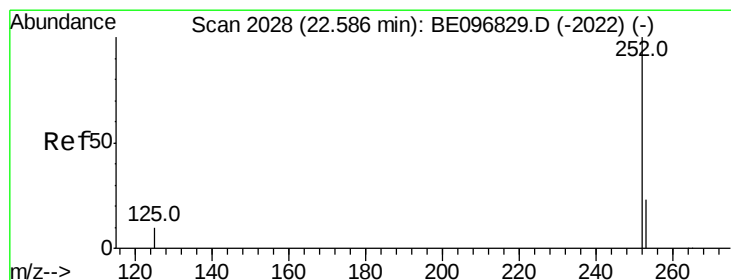
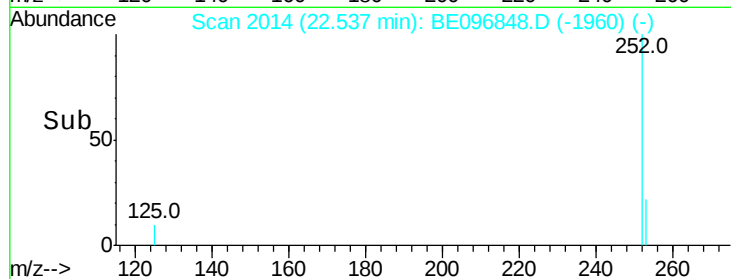
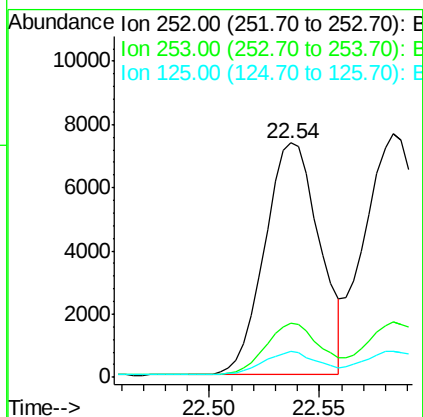
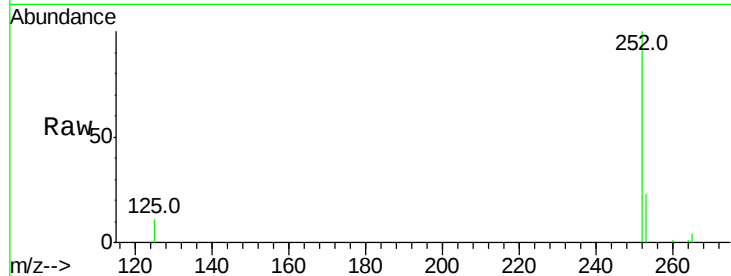




#35
Benzo(b)fluoranthene
Concen: 0.311 ng
RT: 22.54 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

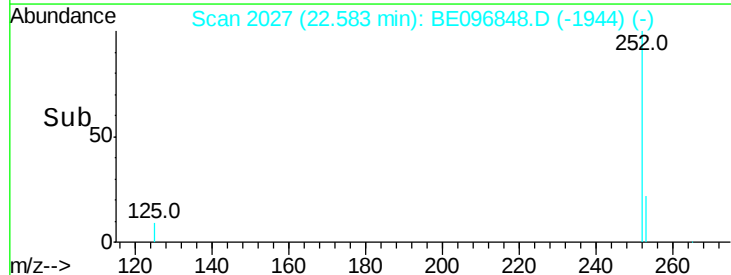
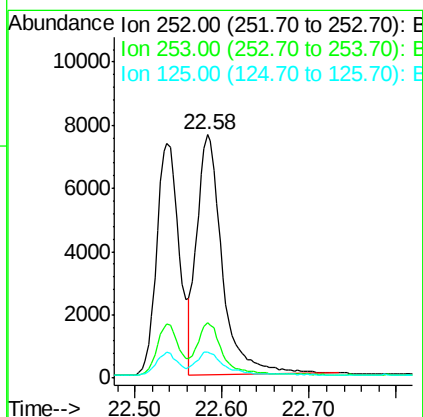
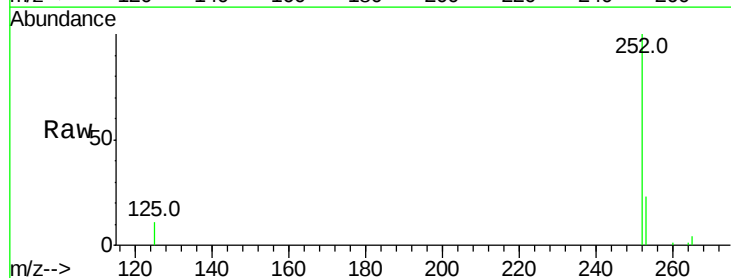
Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 12749
Ion Ratio Lower Upper
252 100
253 23.1 20.0 30.0
125 10.9 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.352 ng
RT: 22.58 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Tgt Ion:252 Resp: 15416
Ion Ratio Lower Upper
252 100
253 22.8 16.0 24.0
125 10.6 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.327 ng

RT: 23.11 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

Instrument :

BNA_E

ClientSampleId :

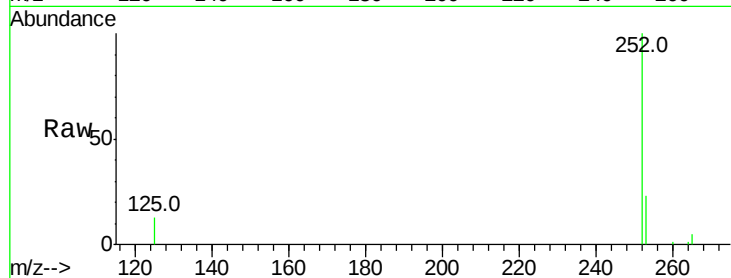
Tot Ion:252 Resp: 10637

Ion Ratio Lower Upper

252 100

253 23.1 16.0 24.0

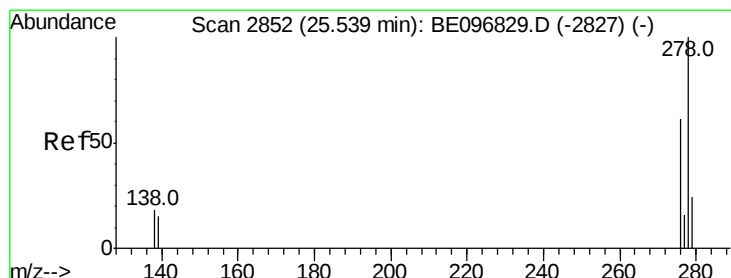
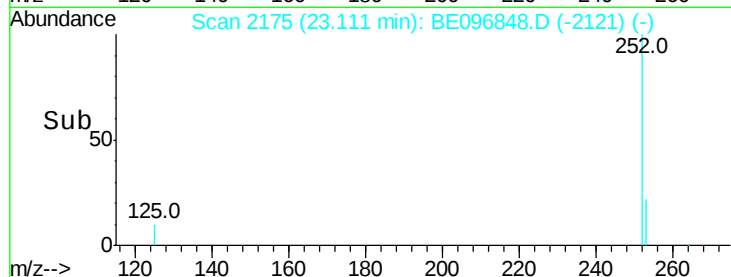
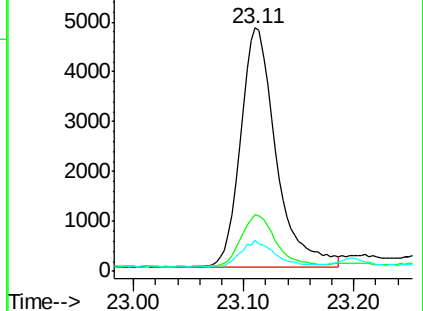
125 12.6 12.0 18.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.343 ng

RT: 25.53 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

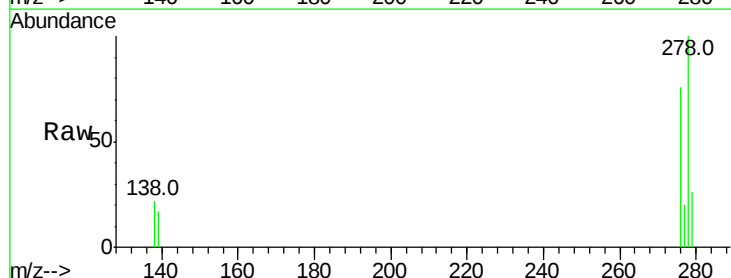
Tgt Ion:278 Resp: 10288

Ion Ratio Lower Upper

278 100

139 17.4 16.0 24.0

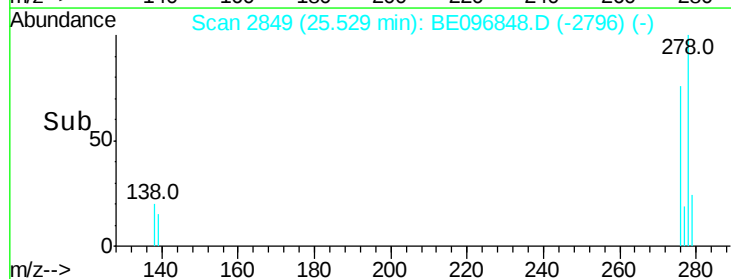
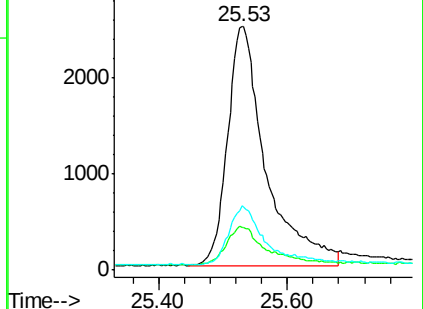
279 26.3 20.0 30.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.328 ng

RT: 26.20 min Scan# 3037

Delta R.T. -0.01 min

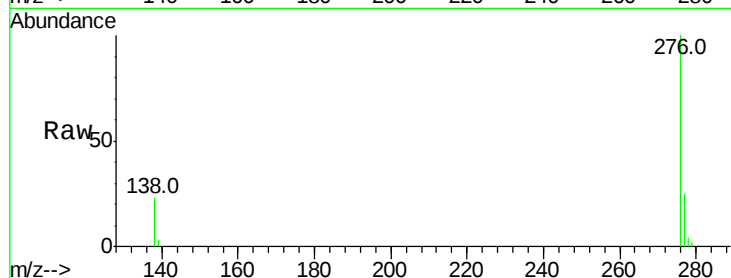
Lab File: BE096848.D

Acq: 26 Jun 2018 12:20

Instrument :

BNA_E

ClientSampleId :



Tot Ion:	276	Resp:	11923
Ion Ratio	Lower	Upper	
276	100		
277	25.3	16.0	24.0
138	22.9	20.0	30.0

