

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
 Data File : BE096941.D
 Acq On : 16 Jul 2018 16:24
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE071618

Quant Time: Jul 17 16:41:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 15:02:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2177	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	11663	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	6118	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	14760	0.40	ng	-0.01
27) Chrysene-d12	20.98	240	11448	0.40	ng	0.00
34) Perylene-d12	23.21	264	9784	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1741	0.33	ng	0.00
5) Phenol-d6	6.59	99	2690	0.34	ng	0.00
8) Nitrobenzene-d5	8.52	82	2936	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	5872	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	468	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	8242	0.36	ng	0.00
25) Fluoranthene-d10	18.81	212	42125	0.33	ng	0.00
29) Terphenyl-d14	19.43	244	7836	0.35	ng	0.00

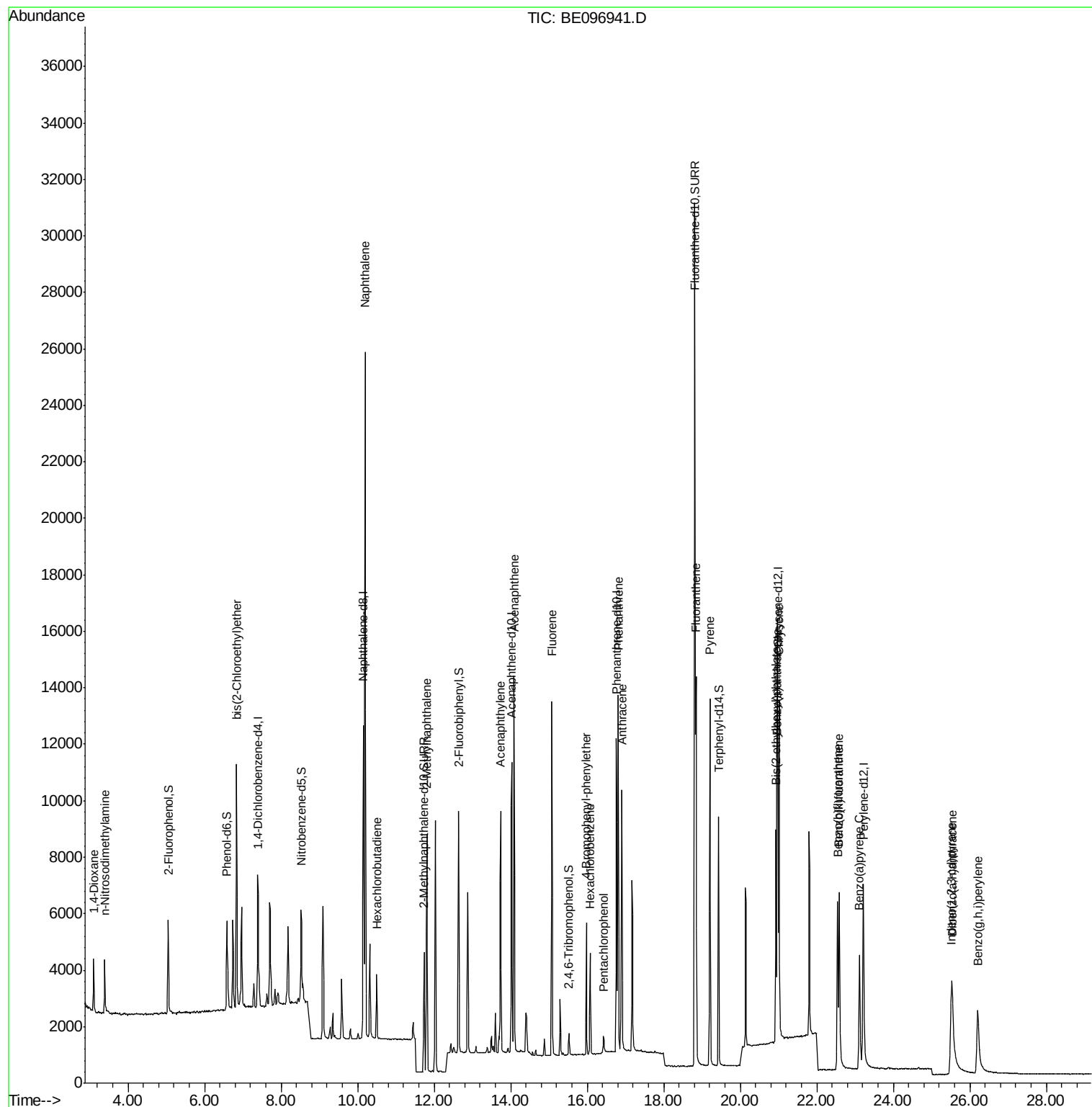
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	1074	0.345	ng	# 89
3) n-Nitrosodimethylamine	3.38	42	1217	0.347	ng	# 92
6) bis(2-Chloroethyl)ether	6.84	93	2729	0.350	ng	97
9) Naphthalene	10.20	128	36956	0.354	ng	99
10) Hexachlorobutadiene	10.50	225	1490	0.353	ng	99
12) 2-Methylnaphthalene	11.81	142	6117	0.345	ng	98
16) Acenaphthylene	13.74	152	9571	0.343	ng	99
17) Acenaphthene	14.08	154	6114	0.352	ng	92
18) Fluorene	15.08	166	6761	0.347	ng	# 80
20) 4-Bromophenyl-phenylether	15.97	248	2384	0.342	ng	# 71
21) Hexachlorobenzene	16.08	284	2710	0.350	ng	# 80
22) Pentachlorophenol	16.43	266	396	0.365	ng	# 78
23) Phenanthrene	16.81	178	12235	0.346	ng	99
24) Anthracene	16.91	178	10416	0.339	ng	96
26) Fluoranthene	18.84	202	12270	0.329	ng	99
28) Pyrene	19.20	202	11877	0.351	ng	99
30) Benzo(a)anthracene	20.96	228	9133	0.335	ng	98
31) Chrysene	21.02	228	10718	0.351	ng	99
32) Bis(2-ethylhexyl)phthalate	20.93	149	8576	0.315	ng	100
33) Indeno(1,2,3-cd)pyrene	25.51	276	7197	0.323	ng	# 79
35) Benzo(b)fluoranthene	22.54	252	8105	0.325	ng	# 89
36) Benzo(k)fluoranthene	22.58	252	9696	0.326	ng	95
37) Benzo(a)pyrene	23.11	252	6916	0.345	ng	93
38) Dibenzo(a,h)anthracene	25.54	278	5831	0.356	ng	97
39) Benzo(g,h,i)perylene	26.21	276	6854	0.338	ng	# 92

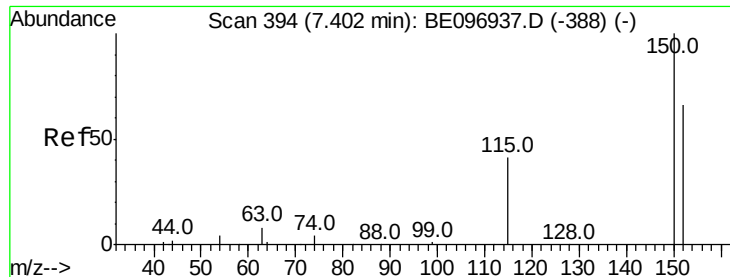
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 17 15:02:56 2018
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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: BE096941.D

Acq: 16 Jul 2018 16:24

Instrument :

BNA_E

ClientSampleId :

ICVBE071618

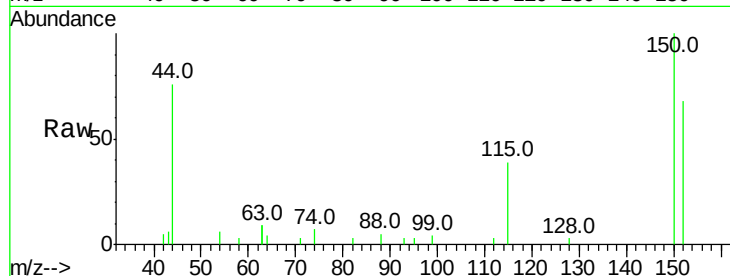
Tot Ion:152 Resp: 2177

Ion Ratio Lower Upper

152 100

150 147.6 117.2 175.8

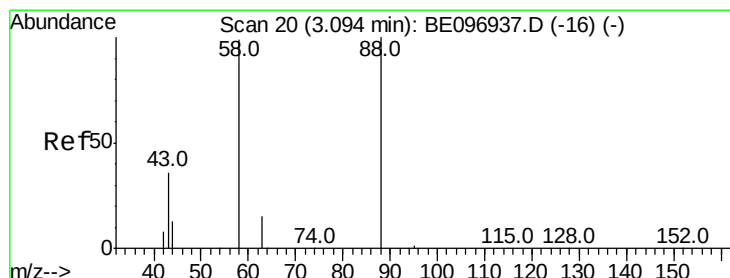
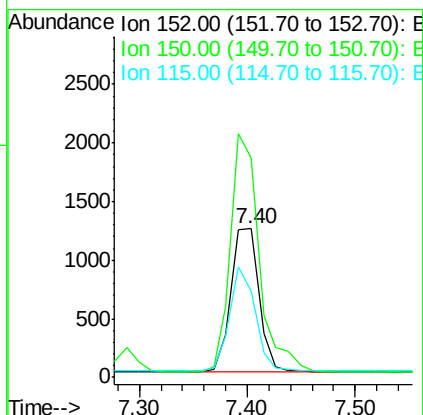
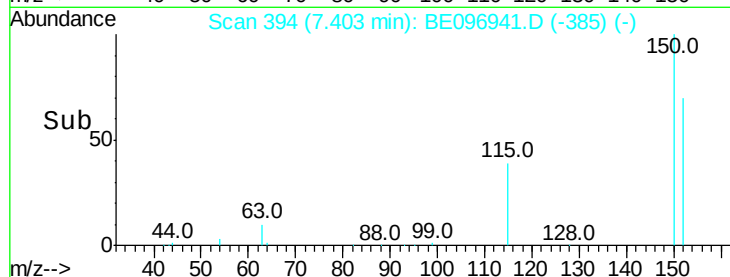
115 58.0 57.0 85.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.345 ng

RT: 3.10 min Scan# 20

Delta R.T. 0.00 min

Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

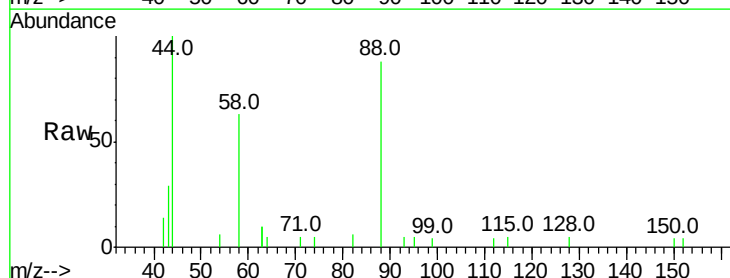
Tgt Ion: 88 Resp: 1074

Ion Ratio Lower Upper

88 100

58 81.1 63.2 94.8

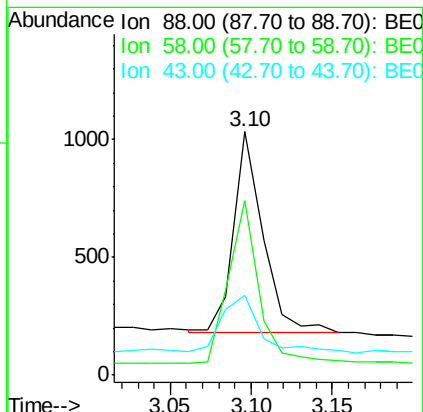
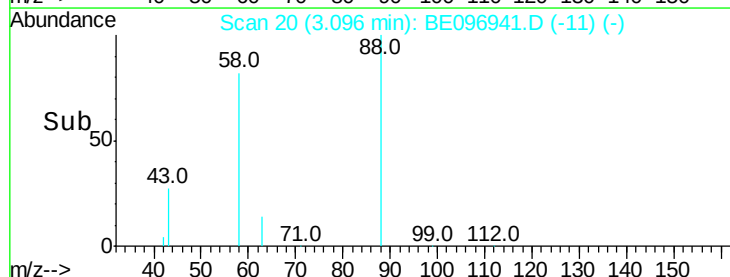
43 35.2 41.2 61.8#

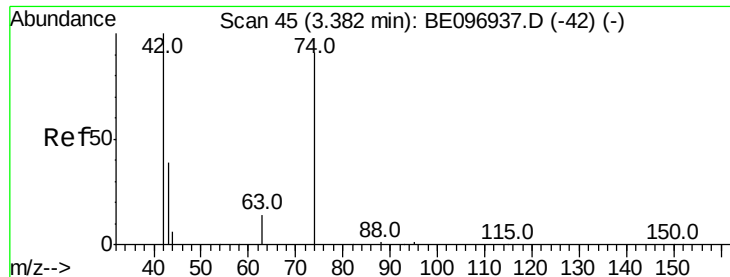


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



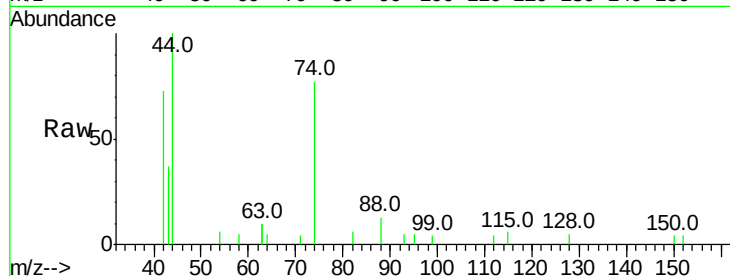


#3

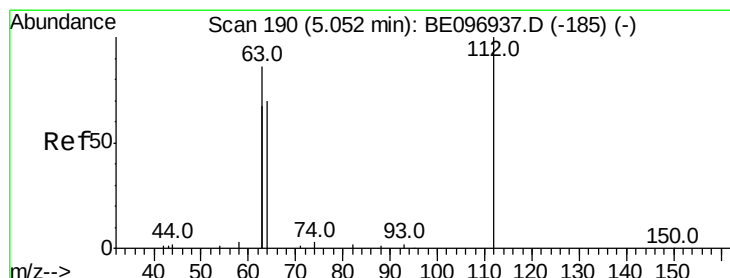
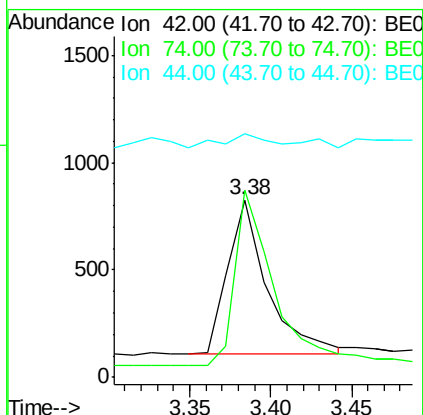
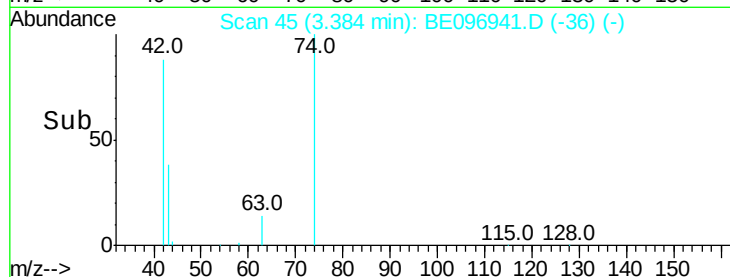
n-Nitrosodimethylamine
 Concen: 0.347 ng
 RT: 3.38 min Scan# 45
 Delta R.T. 0.00 min
 Lab File: BE096941.D
 Acq: 16 Jul 2018 16:24

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE071618

Tot Ion: 42 Resp: 1217
 Ion Ratio Lower Upper
 42 100
 74 110.8 96.0 144.0
 44 11.1 12.0 18.0#



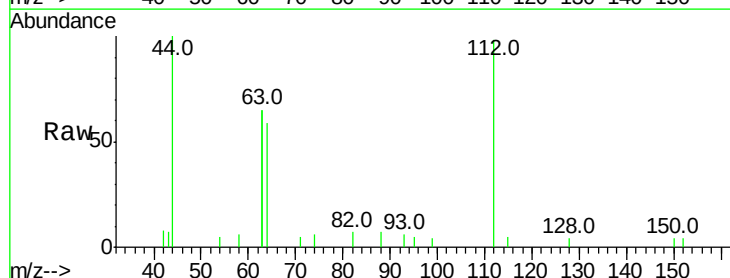
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



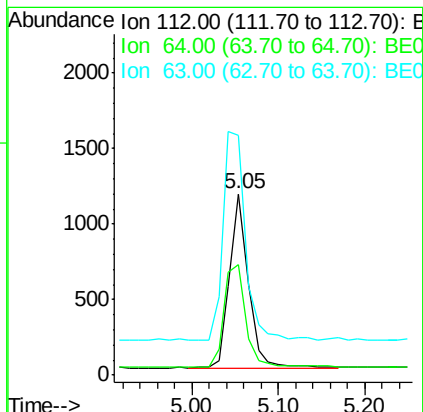
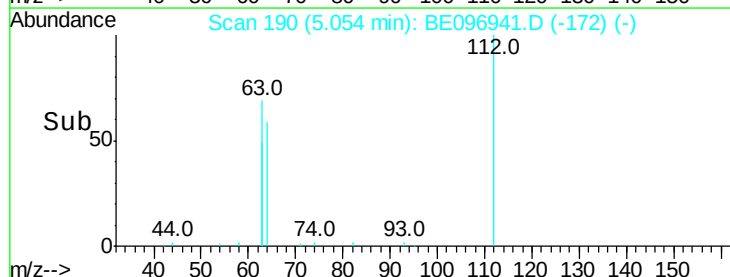
#4

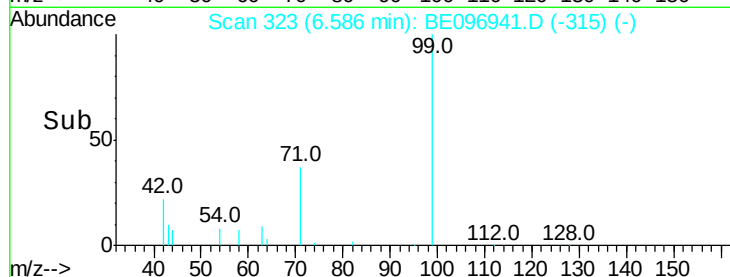
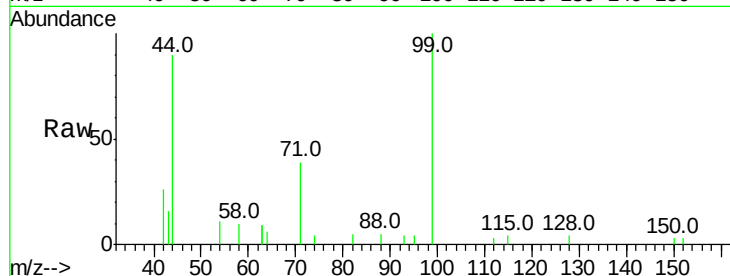
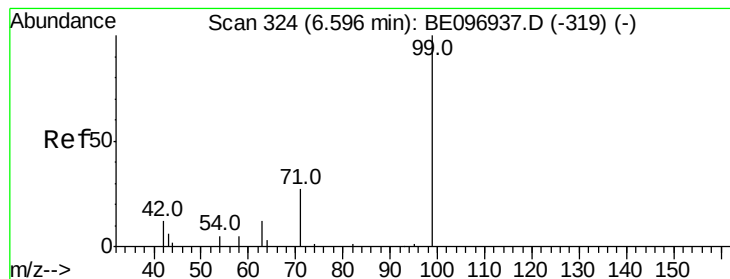
2-Fluorophenol
 Concen: 0.334 ng
 RT: 5.05 min Scan# 190
 Delta R.T. 0.00 min
 Lab File: BE096941.D
 Acq: 16 Jul 2018 16:24

Tgt Ion: 112 Resp: 1741
 Ion Ratio Lower Upper
 112 100
 64 69.0 60.1 90.1
 63 145.3 116.8 175.2



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: 0.338 ng

RT: 6.59 min Scan# 323

Delta R.T. -0.01 min

Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

Instrument :

BNA_E

ClientSampleId :

ICVBE071618

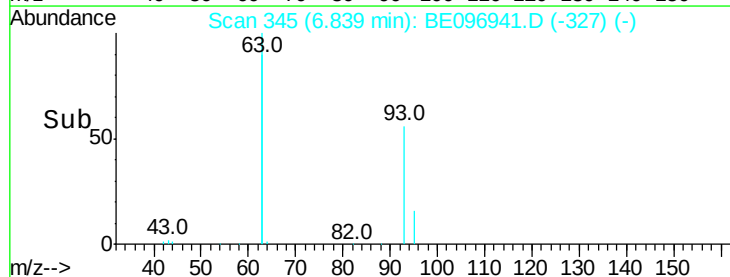
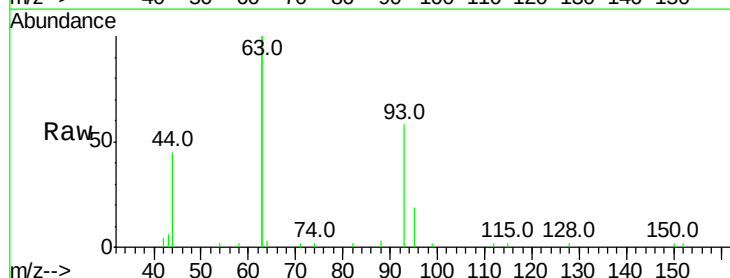
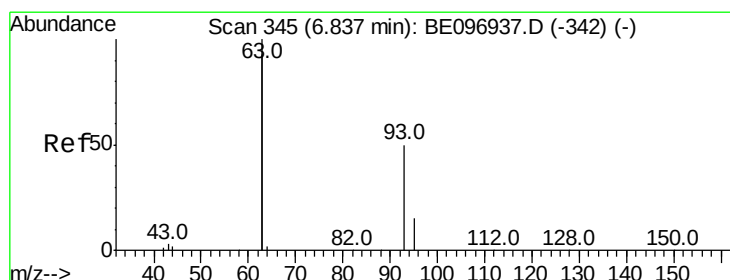
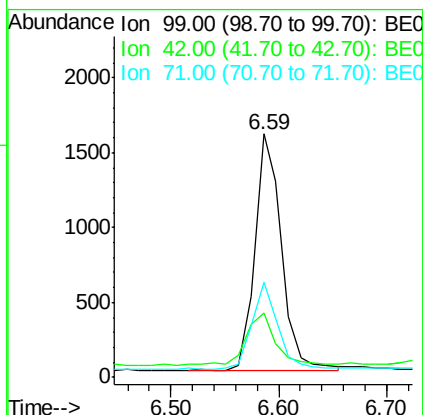
Tot Ion: 99 Resp: 2690

Ion Ratio Lower Upper

99 100

42 22.7 20.2 30.2

71 36.1 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.350 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

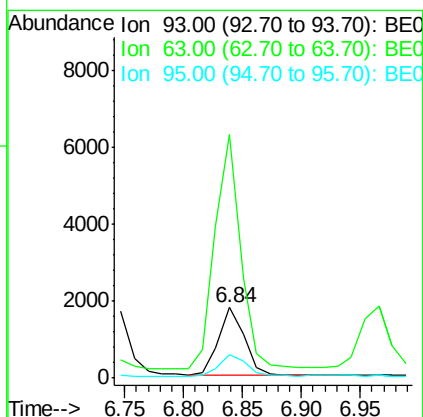
Tgt Ion: 93 Resp: 2729

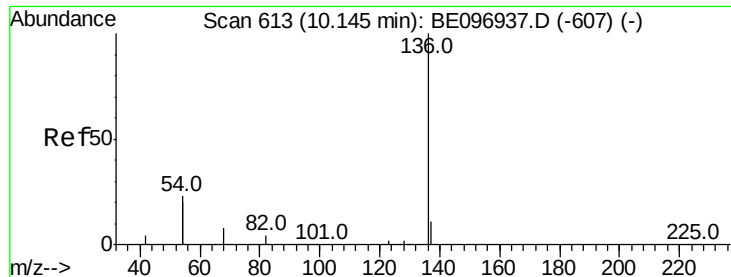
Ion Ratio Lower Upper

93 100

63 336.9 275.3 412.9

95 31.4 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

Instrument :

BNA_E

ClientSampleId :

ICVBE071618

Tot Ion:136 Resp: 11663

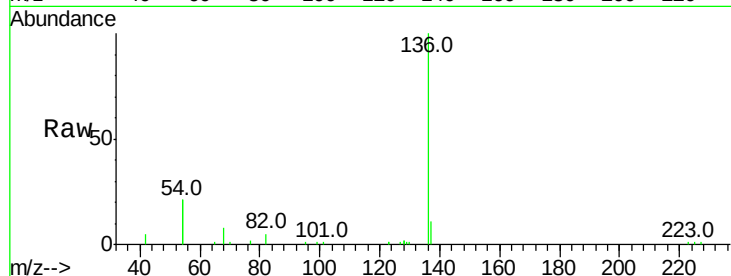
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 42.8 29.1 43.7

68 8.4 6.2 9.2

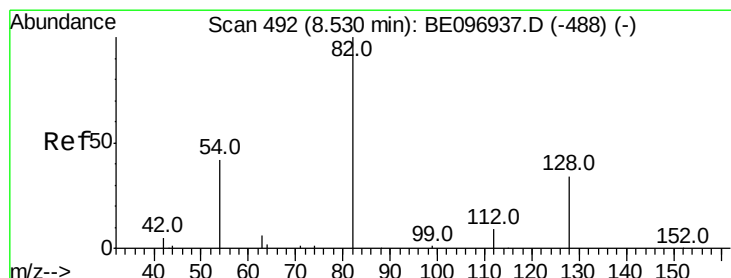
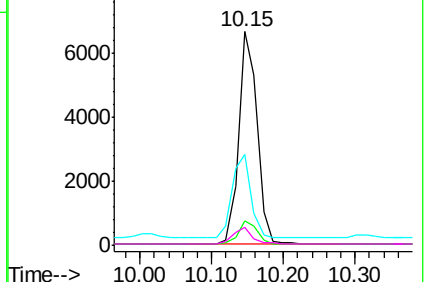
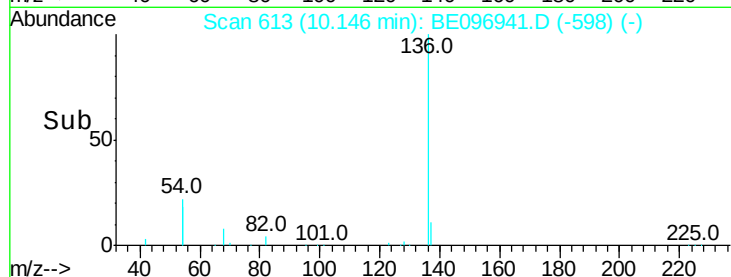


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.345 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.01 min

Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

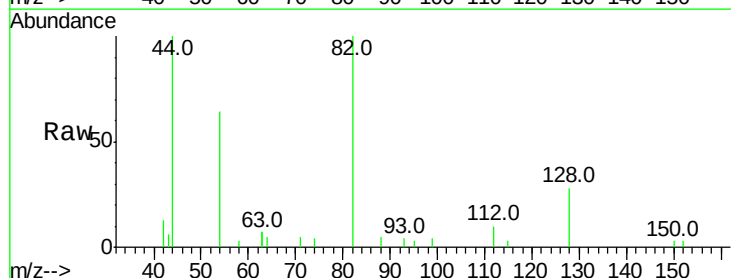
Tgt Ion: 82 Resp: 2936

Ion Ratio Lower Upper

82 100

128 27.8 24.0 36.0

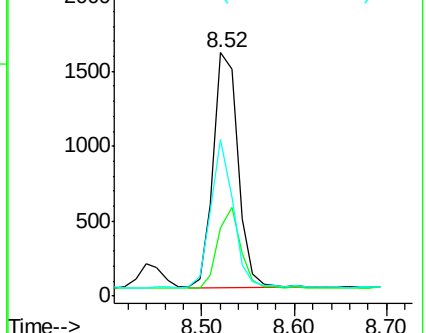
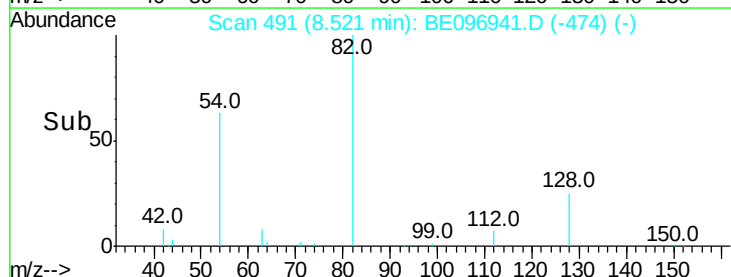
54 64.3 40.0 60.0#

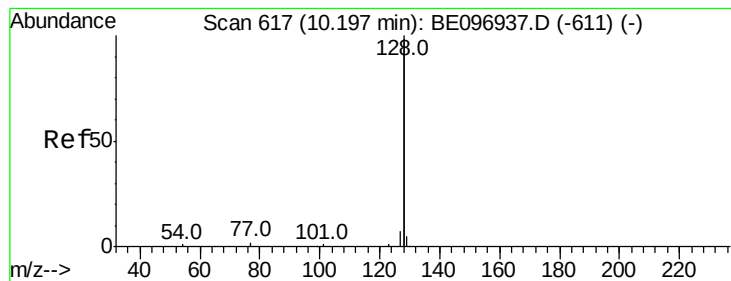


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.354 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

Instrument :

BNA_E

ClientSampleId :

ICVBE071618

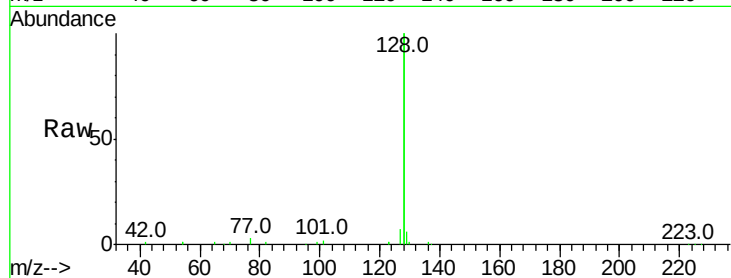
Tot Ion:128 Resp: 36956

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

127 3.3 2.8 4.2

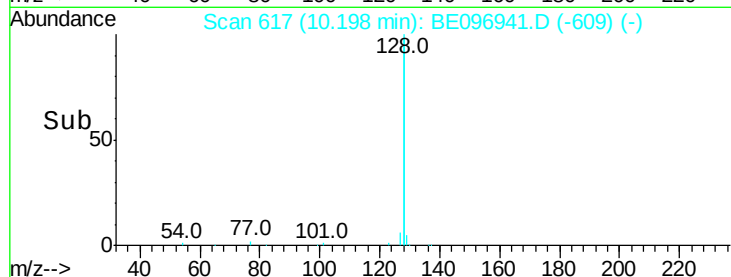


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

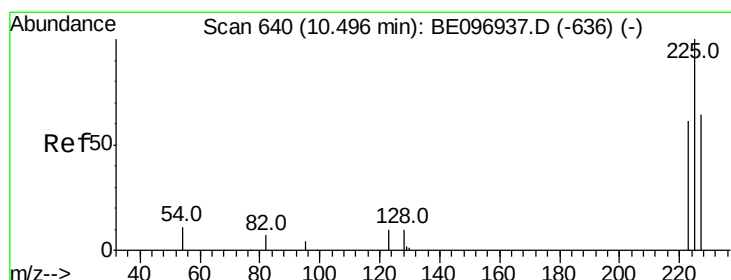
Ion 127.00 (126.70 to 127.70): E

Time-->



10.20

Time-->



#10

Hexachlorobutadiene

Concen: 0.353 ng

RT: 10.50 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

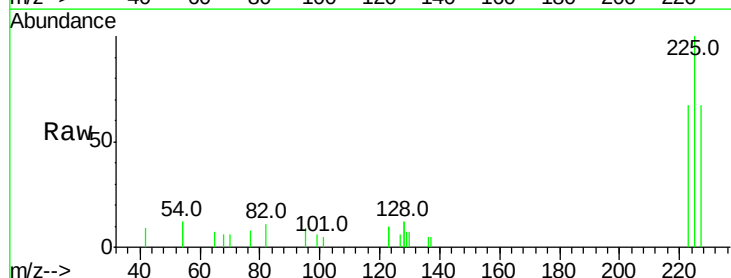
Tgt Ion:225 Resp: 1490

Ion Ratio Lower Upper

225 100

223 65.4 53.0 79.6

227 64.7 51.4 77.2

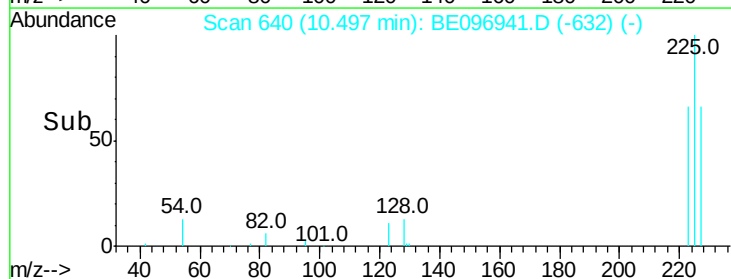


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

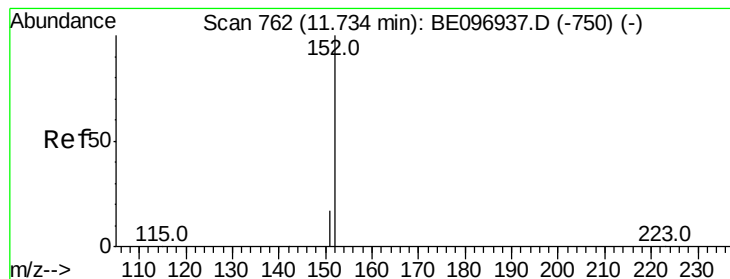
Ion 227.00 (226.70 to 227.70): E

Time-->



10.50

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.345 ng

RT: 11.74 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

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BNA_E

ClientSampleId :

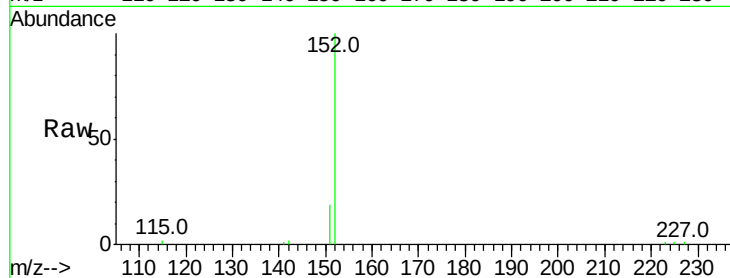
ICVBE071618

Tot Ion:152 Resp: 5872

Ion Ratio Lower Upper

152 100

151 19.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.74

4000

3000

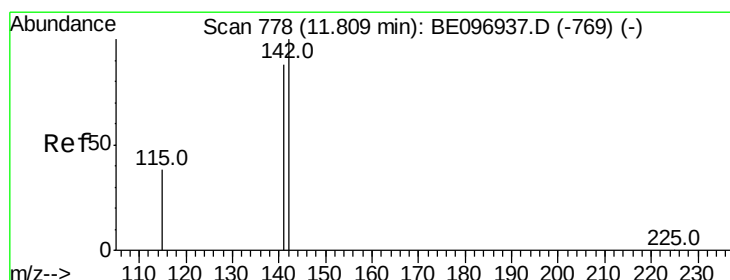
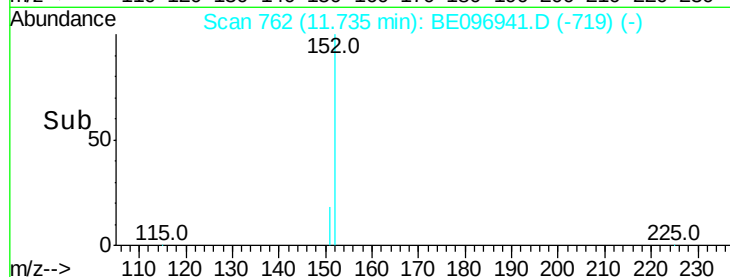
2000

1000

0

Time-->

11.65 11.70 11.75 11.80



#12

2-Methylnaphthalene

Concen: 0.345 ng

RT: 11.81 min Scan# 778

Delta R.T. 0.00 min

Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

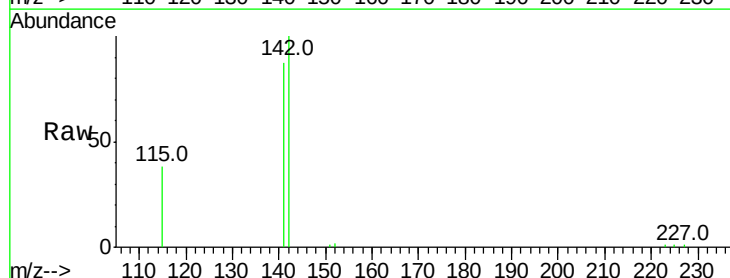
Tgt Ion:142 Resp: 6117

Ion Ratio Lower Upper

142 100

141 87.0 70.4 105.6

115 38.1 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

11.81

5000

4000

3000

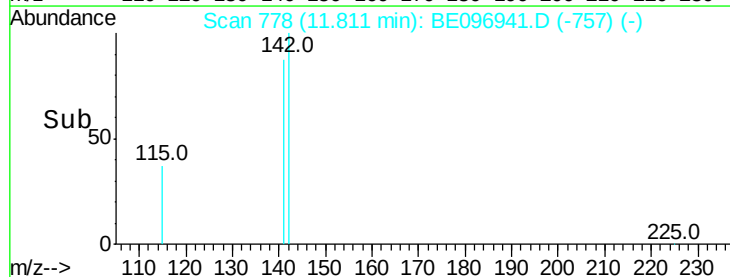
2000

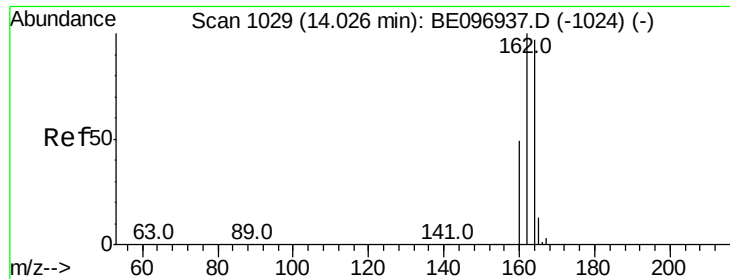
1000

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: BE096941.D

Acq: 16 Jul 2018 16:24

Instrument :

BNA_E

ClientSampleId :

ICVBE071618

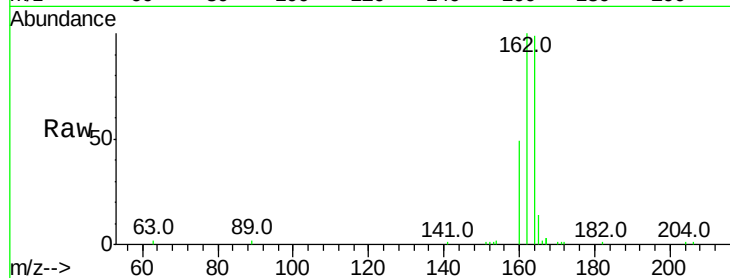
Tot Ion:164 Resp: 6118

Ion Ratio Lower Upper

164 100

162 101.2 83.1 124.7

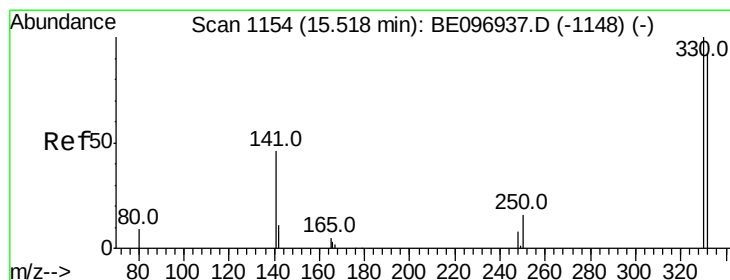
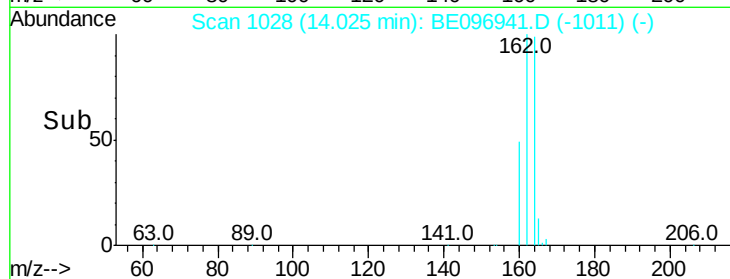
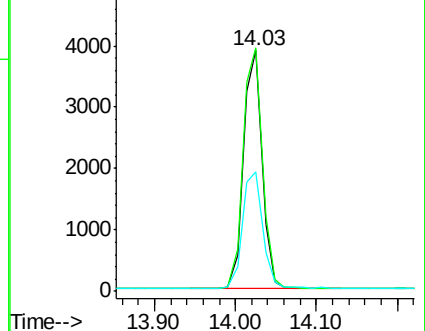
160 49.8 37.1 55.7



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: 0.361 ng

RT: 15.52 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

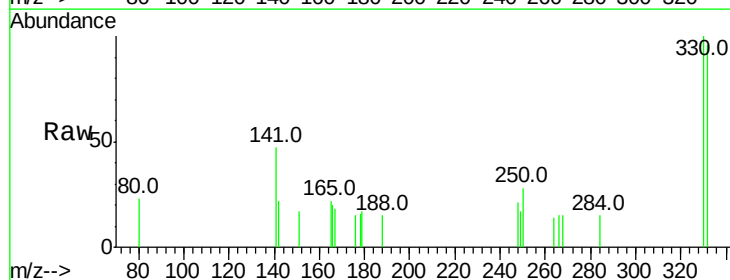
Tgt Ion:330 Resp: 468

Ion Ratio Lower Upper

330 100

332 95.7 152.7 229.1#

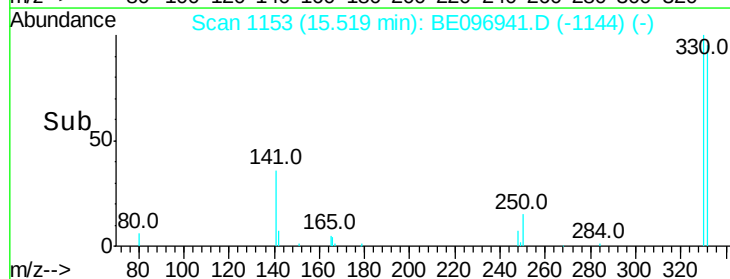
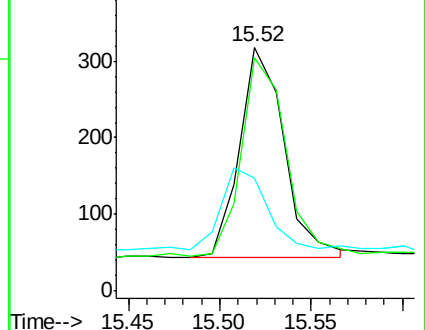
141 39.7 33.7 50.5

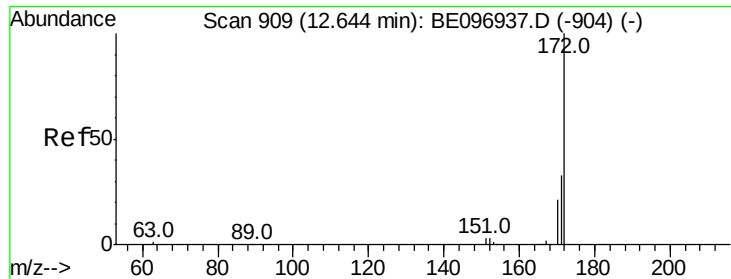


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

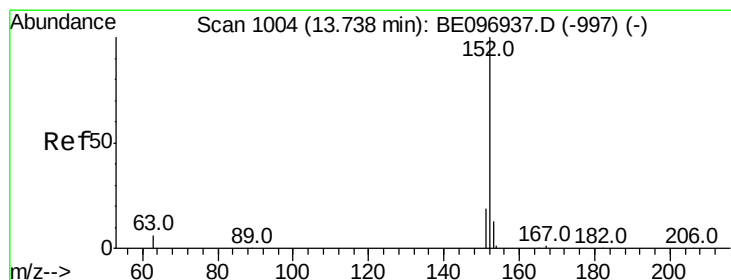
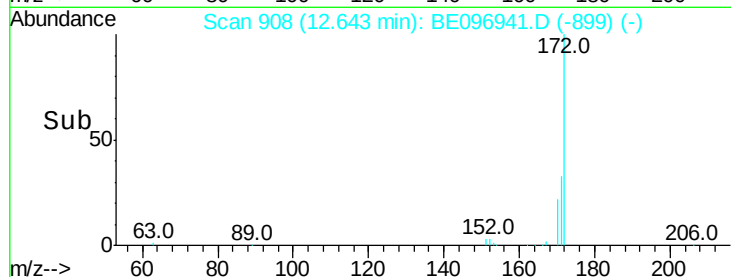
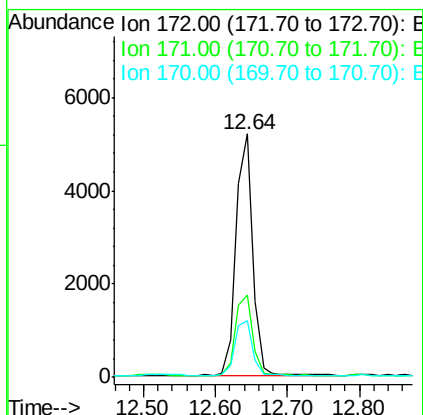
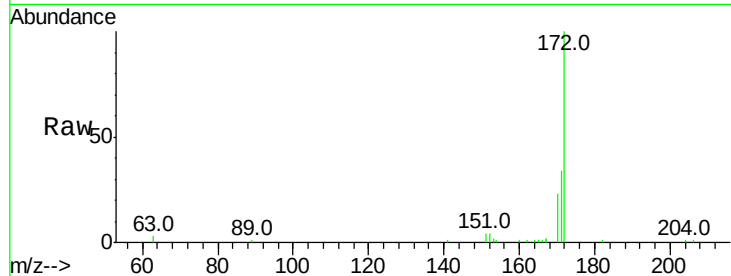




#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 12.64 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

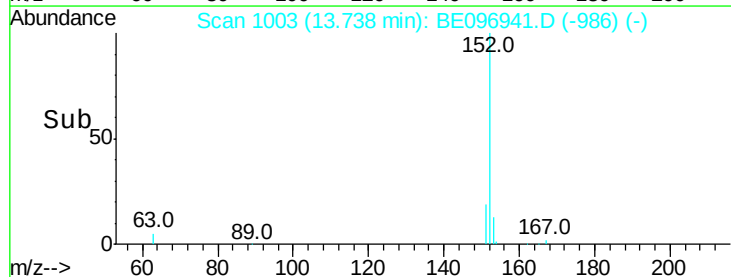
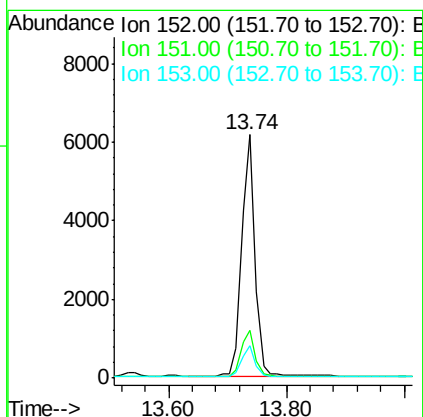
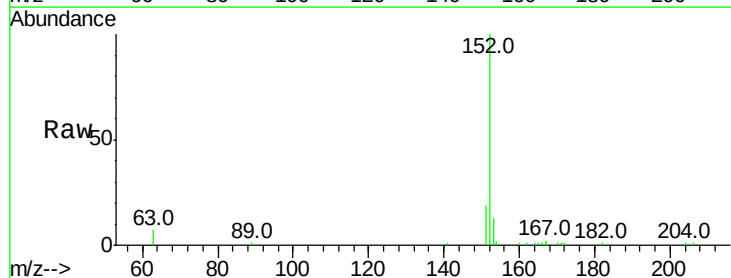
Instrument :
BNA_E
ClientSampleId :
ICVBE071618

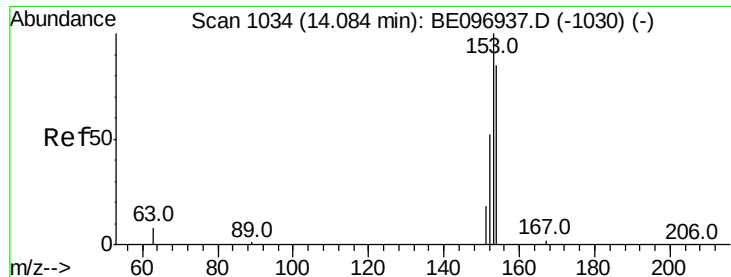
Tot Ion:172 Resp: 8242
Ion Ratio Lower Upper
172 100
171 33.6 29.9 44.9
170 23.1 21.8 32.8



#16
Acenaphthylene
Concen: 0.343 ng
RT: 13.74 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Tgt Ion:152 Resp: 9571
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 12.5 10.5 15.7





#17

Acenaphthene

Concen: 0.352 ng

RT: 14.08 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

Instrument :

BNA_E

ClientSampleId :

ICVBE071618

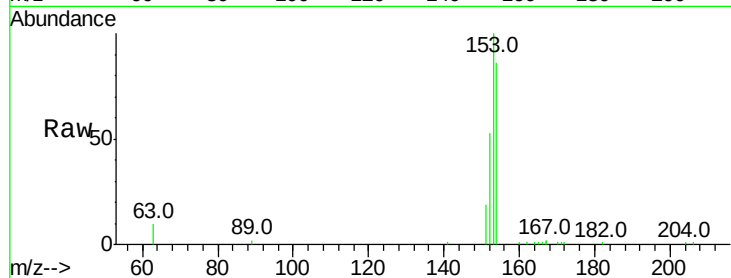
Tot Ion:154 Resp: 6114

Ion Ratio Lower Upper

154 100

153 116.2 89.2 133.8

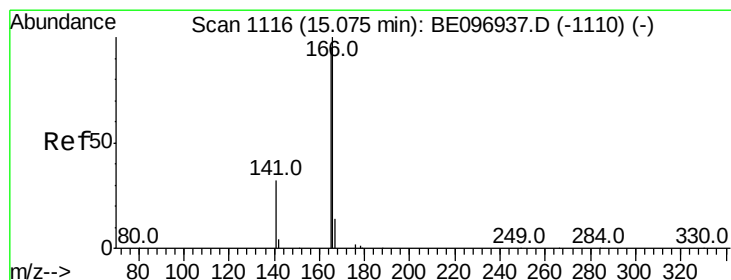
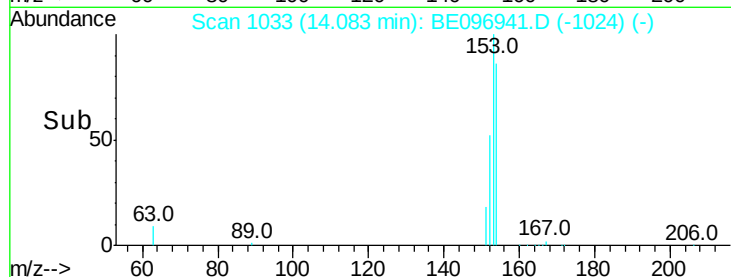
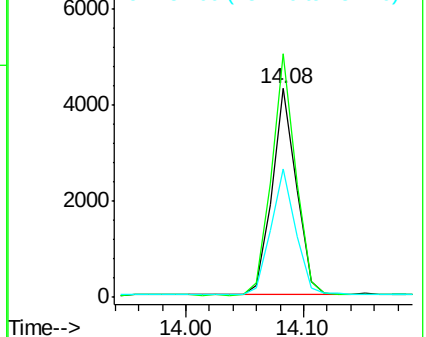
152 62.6 42.0 63.0



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: 0.347 ng

RT: 15.08 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

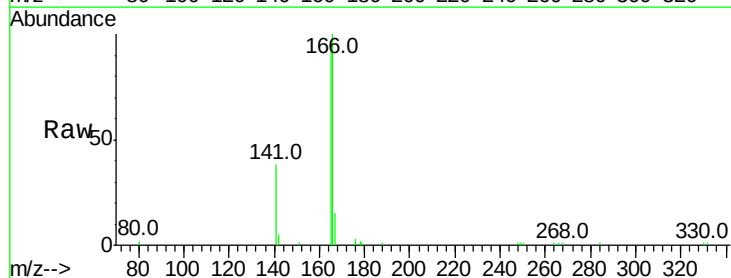
Tgt Ion:166 Resp: 6761

Ion Ratio Lower Upper

166 100

165 97.6 77.8 116.6

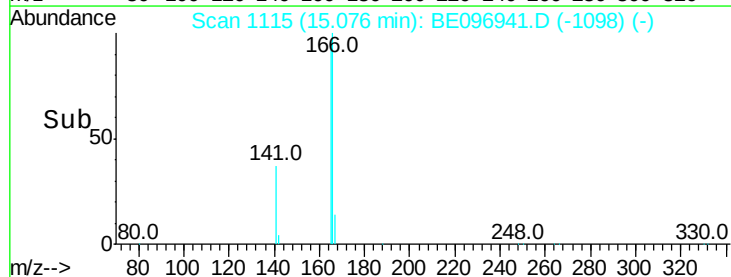
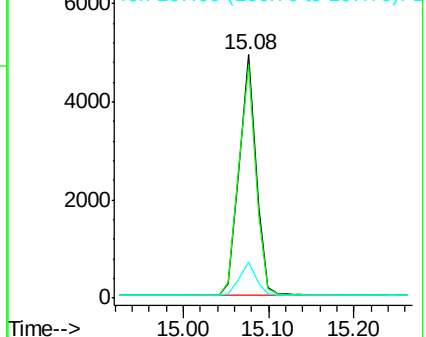
167 14.2 42.4 63.6#

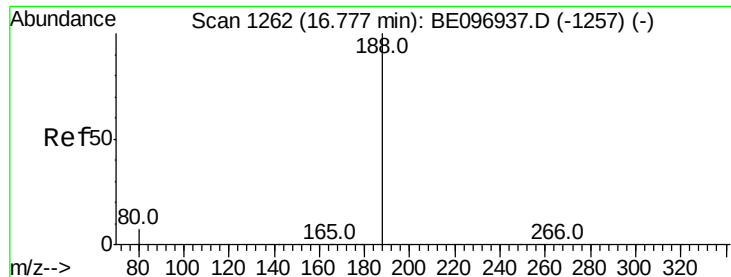


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.77 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

Instrument :

BNA_E

ClientSampleId :

ICVBE071618

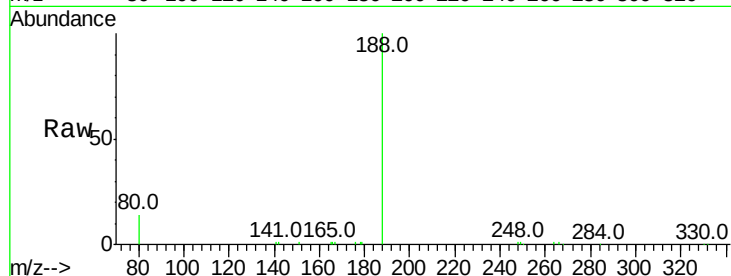
Tot Ion:188 Resp: 14760

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

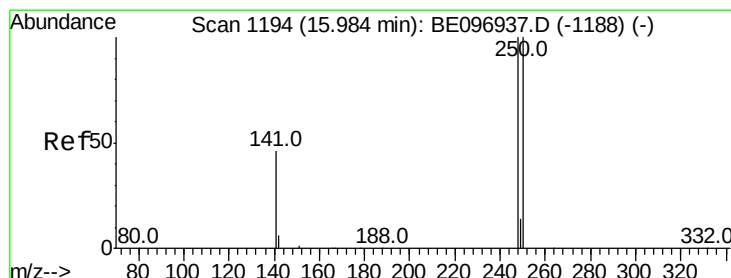
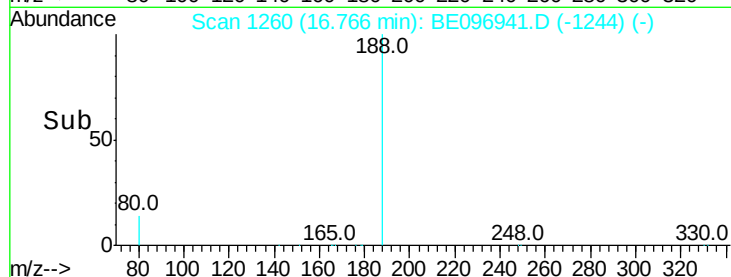
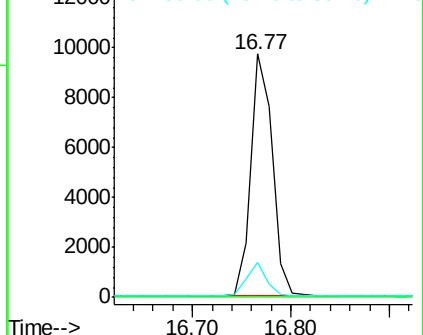
80 14.3 3.6 5.4#



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: 0.342 ng

RT: 15.97 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

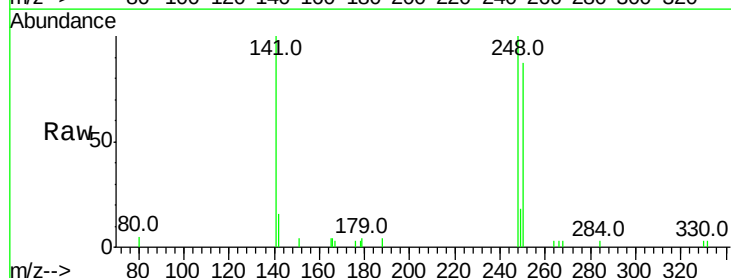
Tgt Ion:248 Resp: 2384

Ion Ratio Lower Upper

248 100

250 87.1 62.7 94.1

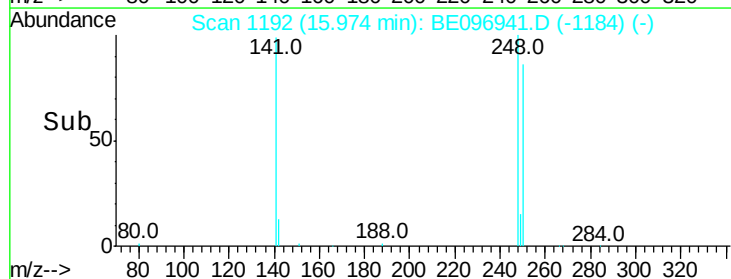
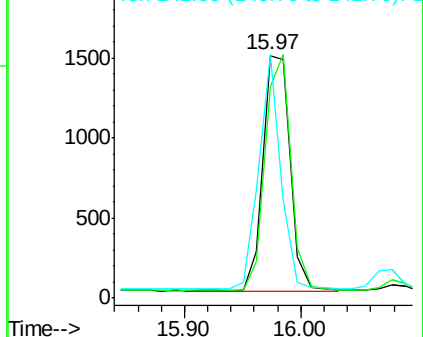
141 100.1 48.2 72.2#

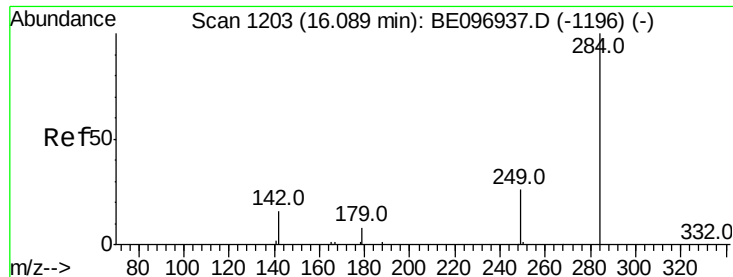


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.350 ng

RT: 16.08 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

Instrument :

BNA_E

ClientSampleId :

ICVBE071618

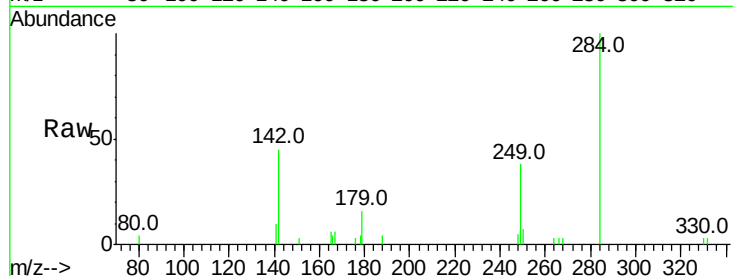
Tot Ion:284 Resp: 2710

Ion Ratio Lower Upper

284 100

142 39.3 22.1 33.1#

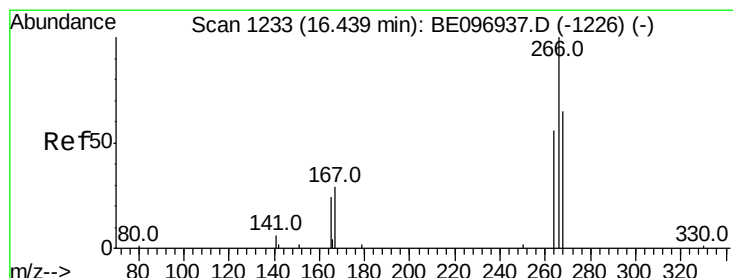
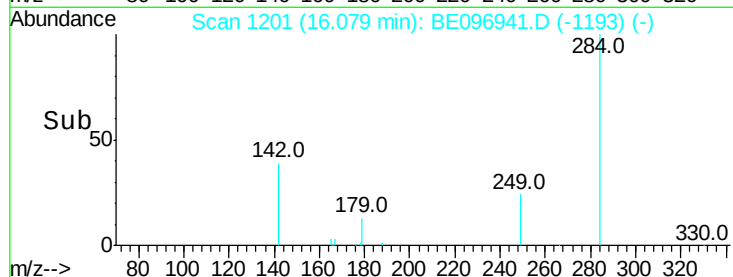
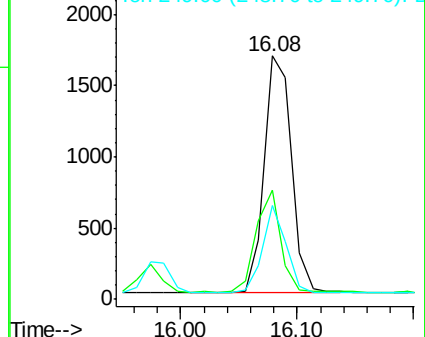
249 31.4 34.8 52.2#



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: 0.365 ng

RT: 16.43 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

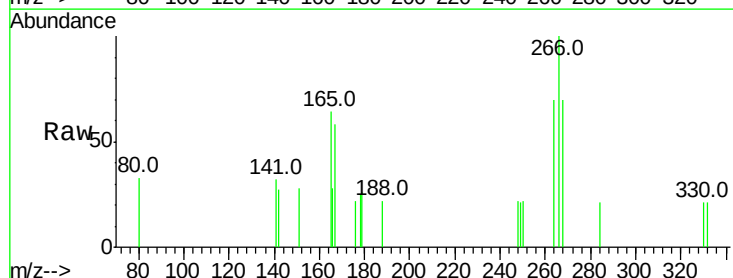
Tgt Ion:266 Resp: 396

Ion Ratio Lower Upper

266 100

264 70.2 72.5 108.7#

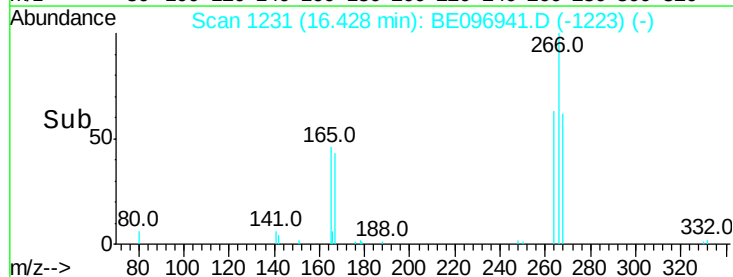
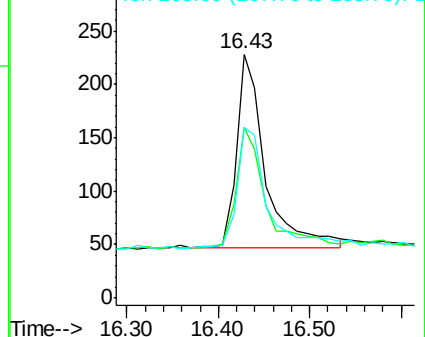
268 70.2 73.8 110.6#

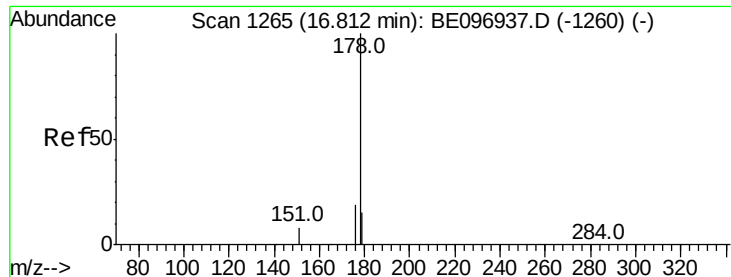


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.346 ng

RT: 16.81 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

Instrument :

BNA_E

ClientSampleId :

ICVBE071618

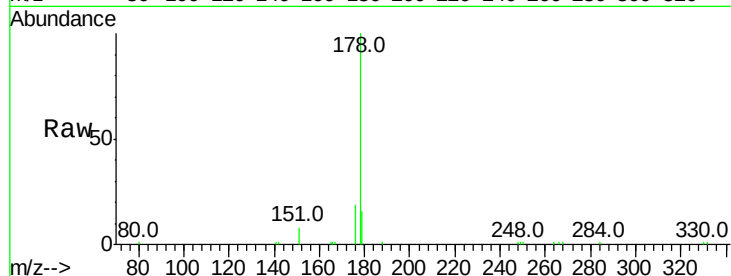
Tot Ion:178 Resp: 12235

Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

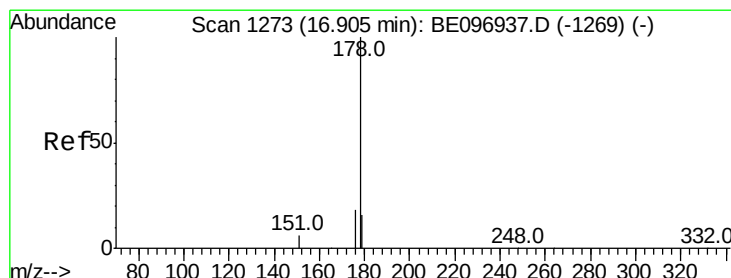
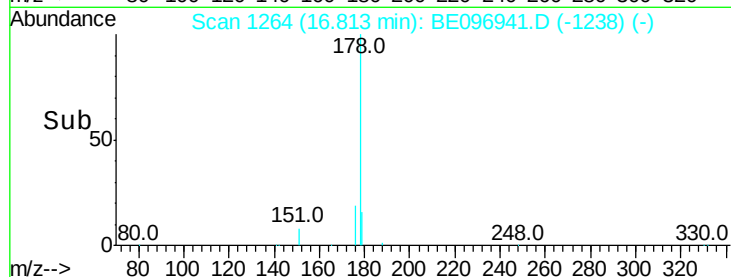
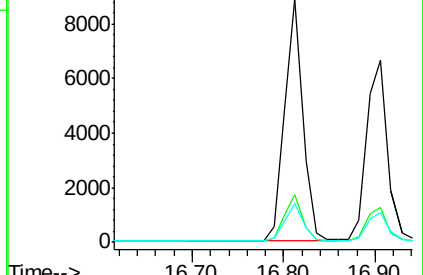
179 15.7 11.8 17.6



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: 0.339 ng

RT: 16.91 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

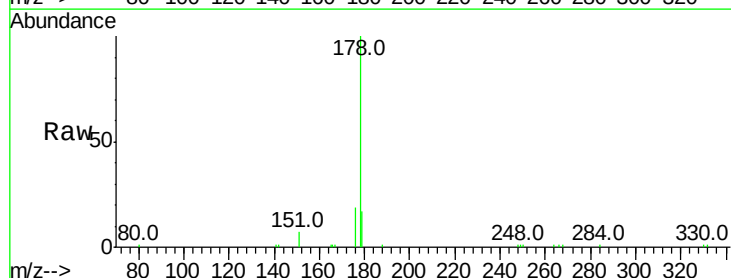
Tgt Ion:178 Resp: 10416

Ion Ratio Lower Upper

178 100

176 18.5 12.8 19.2

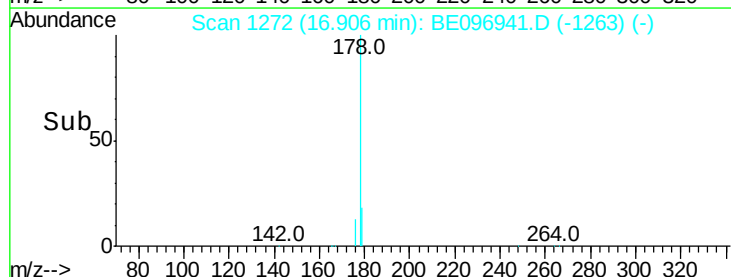
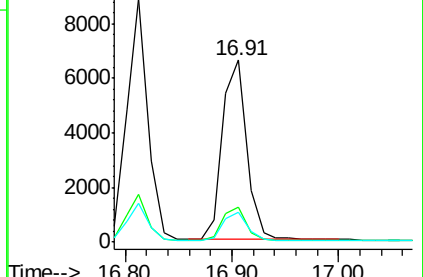
179 15.2 13.0 19.6

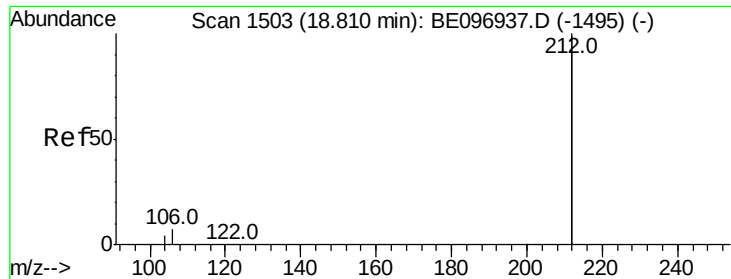


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.328 ng

RT: 18.81 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

Instrument :

BNA_E

ClientSampleId :

ICVBE071618

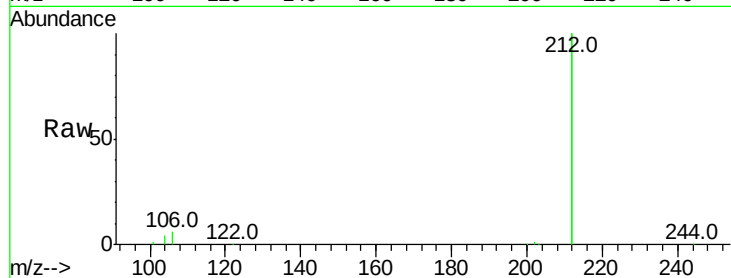
Tot Ion:212 Resp: 42125

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

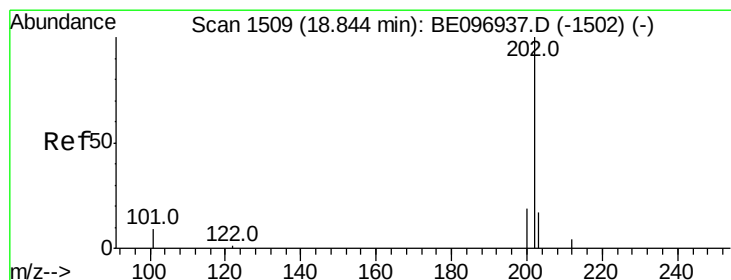
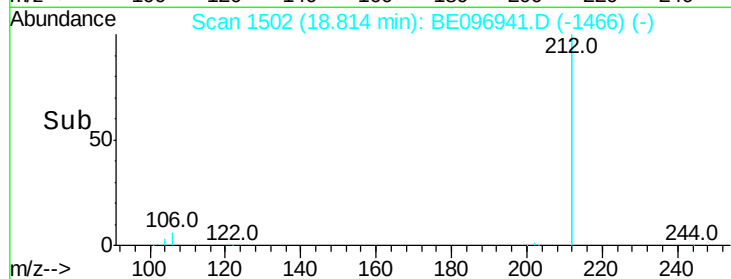
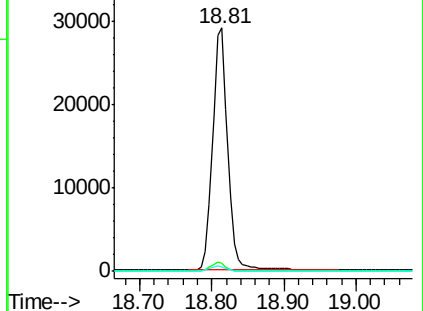
104 2.0 1.6 2.4



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: 0.329 ng

RT: 18.84 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

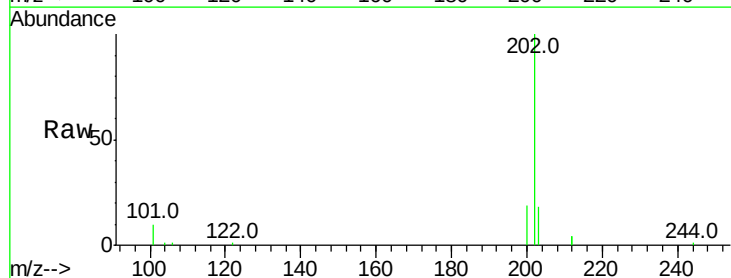
Tgt Ion:202 Resp: 12270

Ion Ratio Lower Upper

202 100

101 11.4 9.8 14.8

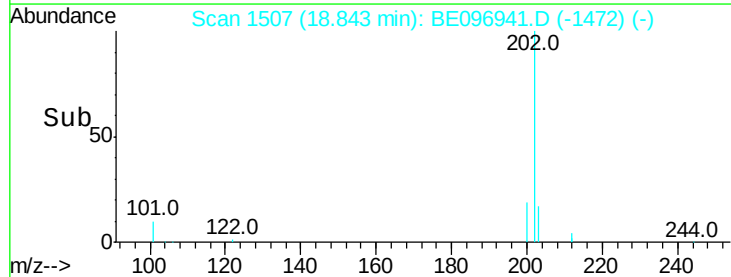
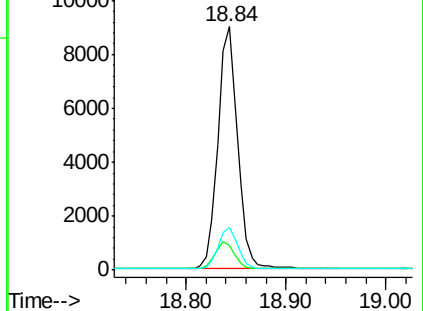
203 17.1 13.7 20.5

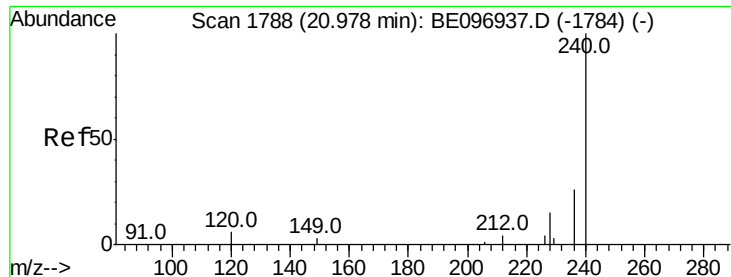


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE096941.D

Acq: 16 Jul 2018 16:24

Instrument :

BNA_E

ClientSampleId :

ICVBE071618

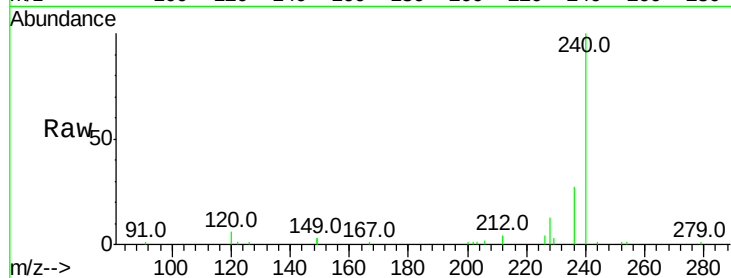
Tot Ion:240 Resp: 11448

Ion Ratio Lower Upper

240 100

120 6.0 5.5 8.3

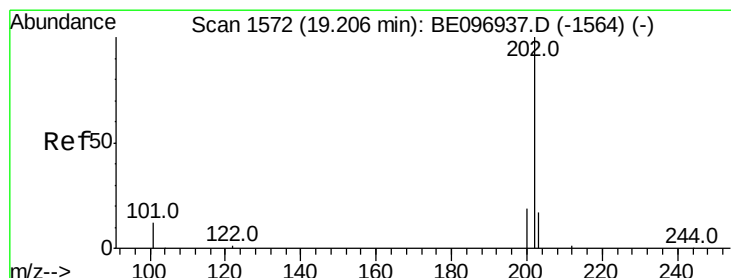
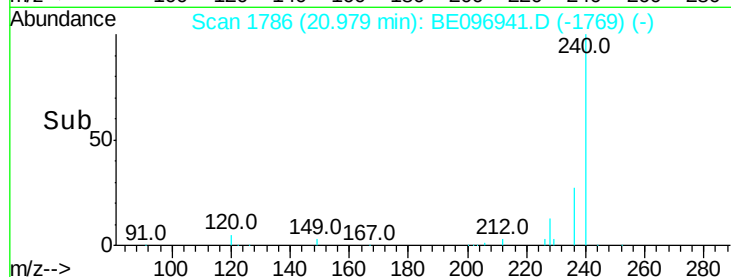
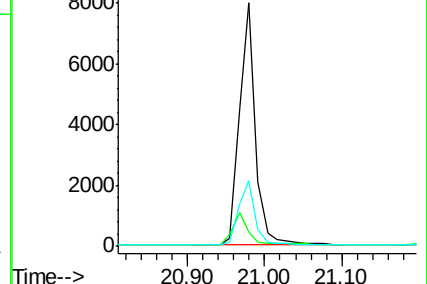
236 26.9 20.7 31.1



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: 0.351 ng

RT: 19.20 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

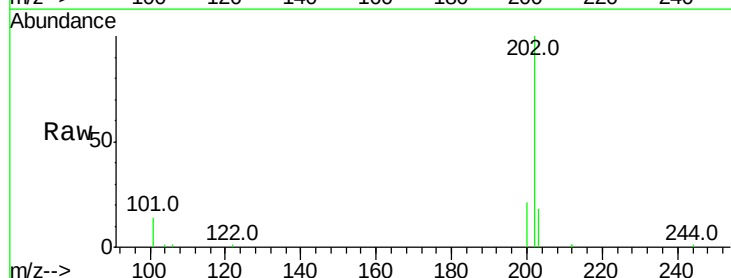
Tgt Ion:202 Resp: 11877

Ion Ratio Lower Upper

202 100

200 20.3 16.6 25.0

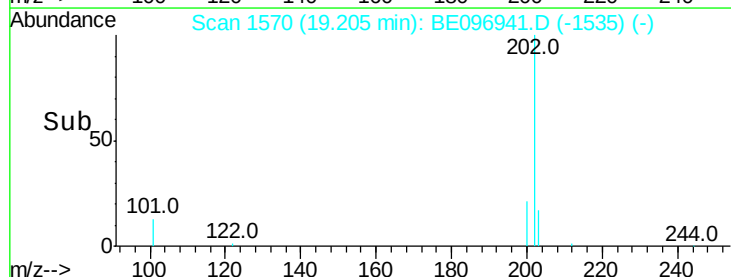
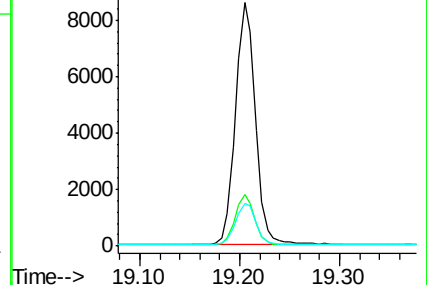
203 17.6 13.8 20.8

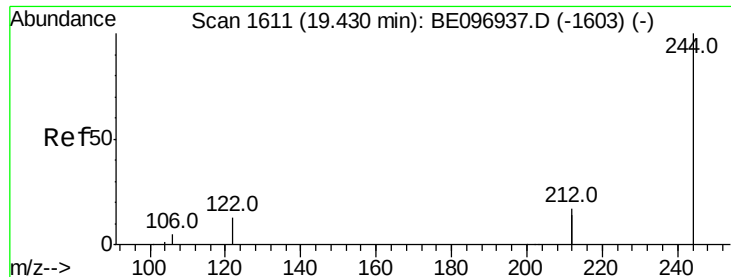


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.355 ng

RT: 19.43 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

Instrument :

BNA_E

ClientSampleId :

ICVBE071618

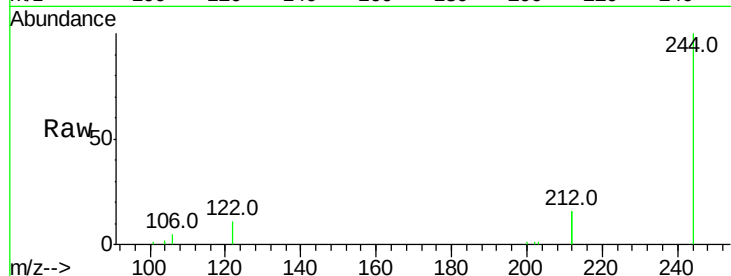
Tot Ion:244 Resp: 7836

Ion Ratio Lower Upper

244 100

212 32.0 25.4 38.0

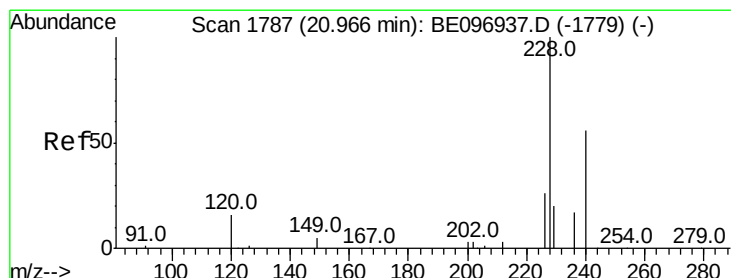
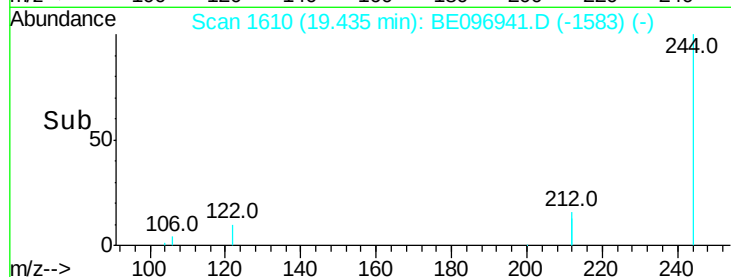
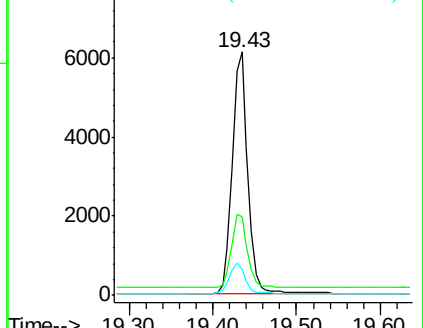
122 10.9 8.1 12.1



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: 0.335 ng

RT: 20.96 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

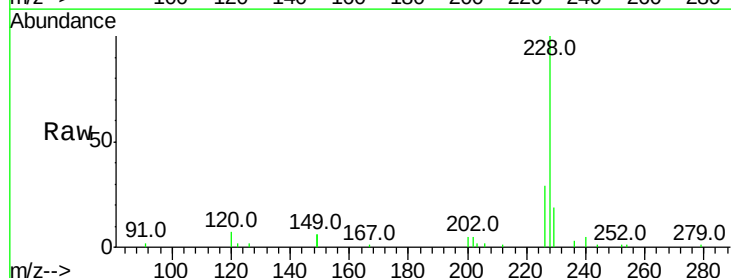
Tgt Ion:228 Resp: 9133

Ion Ratio Lower Upper

228 100

226 28.8 24.0 36.0

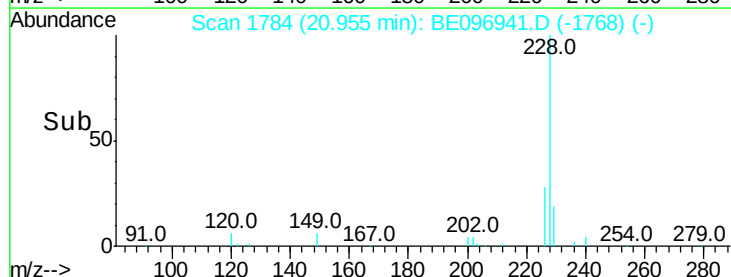
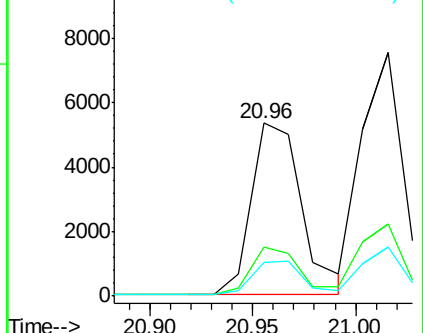
229 19.4 16.0 24.0

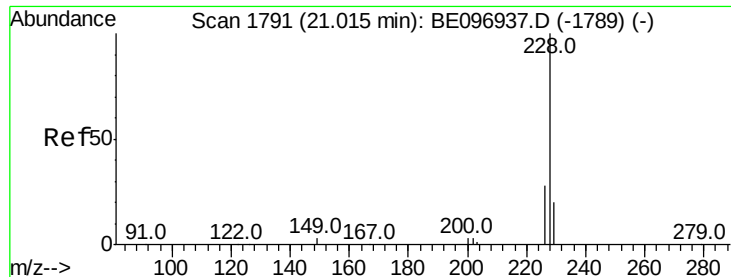


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.351 ng

RT: 21.02 min Scan# 1789

Delta R.T. 0.00 min

Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

Instrument :

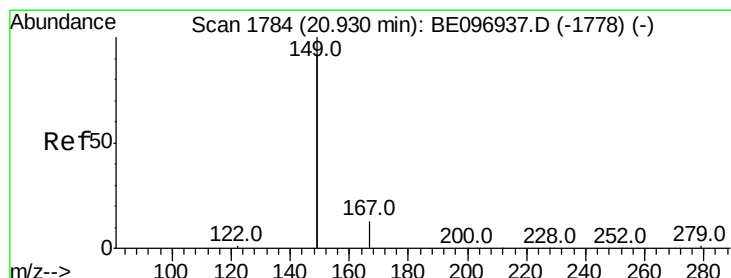
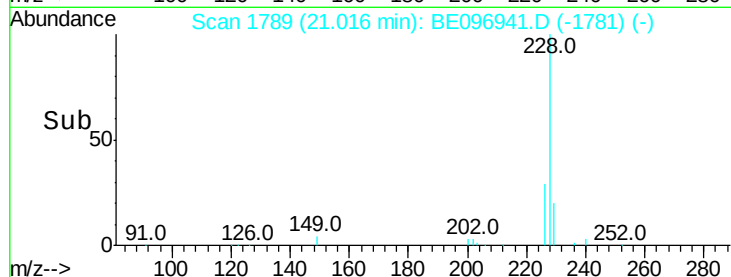
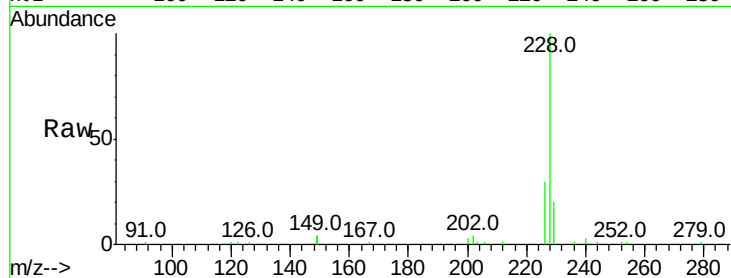
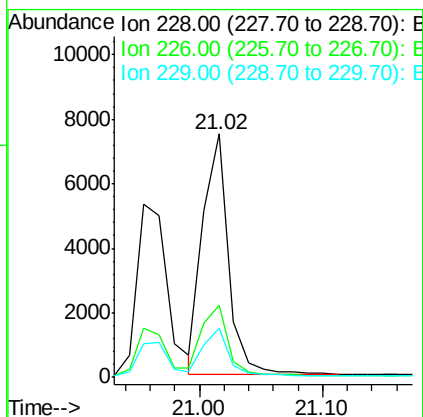
BNA_E

ClientSampleId :

ICVBE071618

Tot Ion:228 Resp: 10718

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	20.3	16.0	24.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.315 ng

RT: 20.93 min Scan# 1782

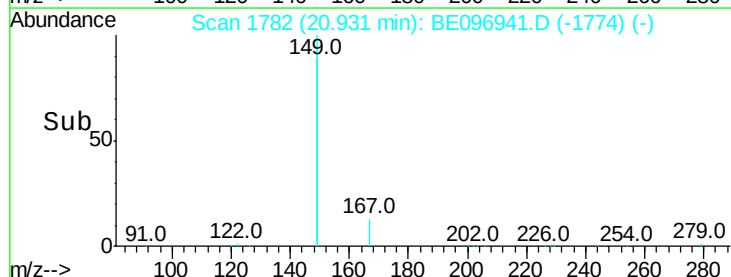
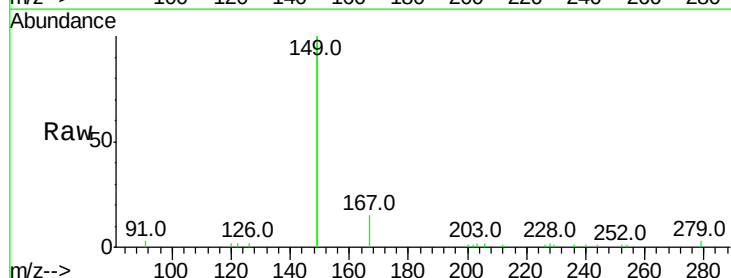
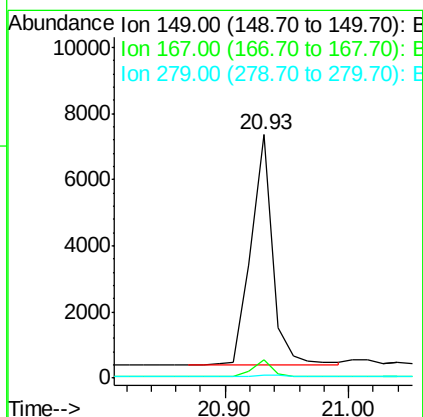
Delta R.T. 0.00 min

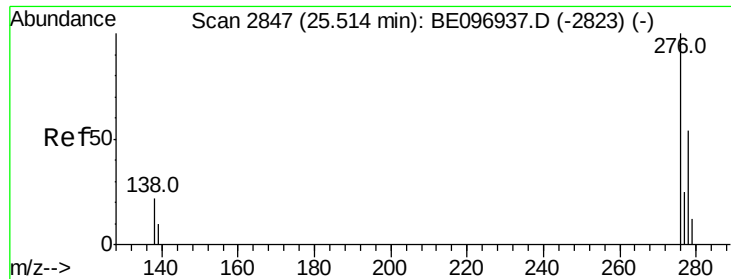
Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

Tgt Ion:149 Resp: 8576

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.9	0.7	1.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.323 ng

RT: 25.51 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

Instrument :

BNA_E

ClientSampleId :

ICVBE071618

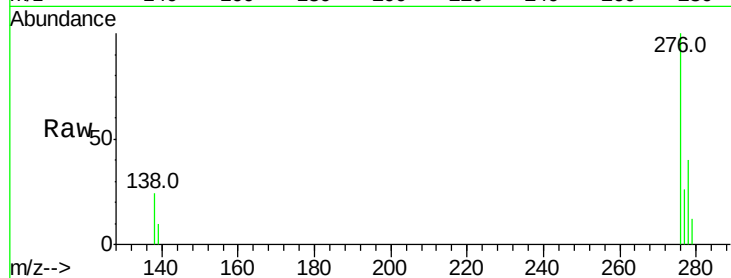
Tot Ion:276 Resp: 7197

Ion Ratio Lower Upper

276 100

138 7.7 22.5 33.7#

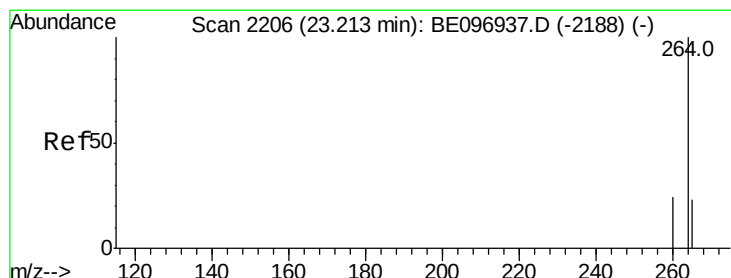
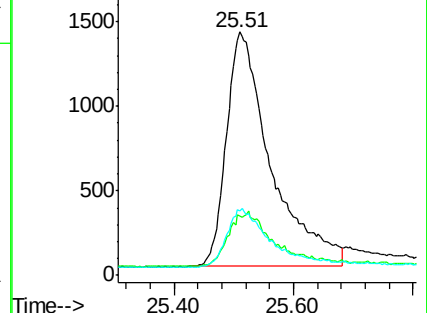
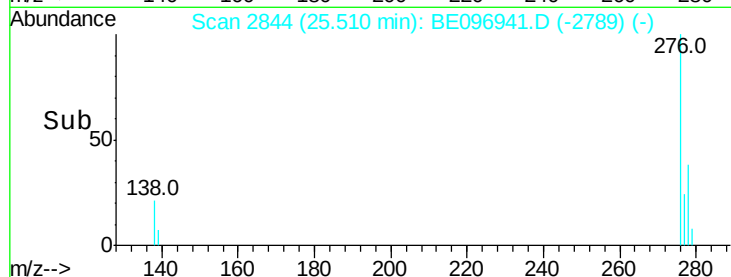
277 24.6 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

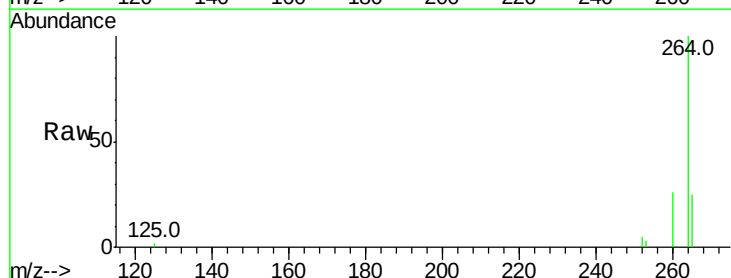
Tgt Ion:264 Resp: 9784

Ion Ratio Lower Upper

264 100

260 26.1 20.5 30.7

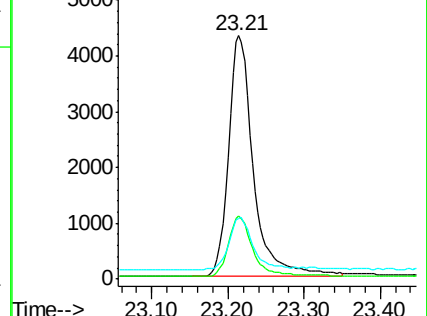
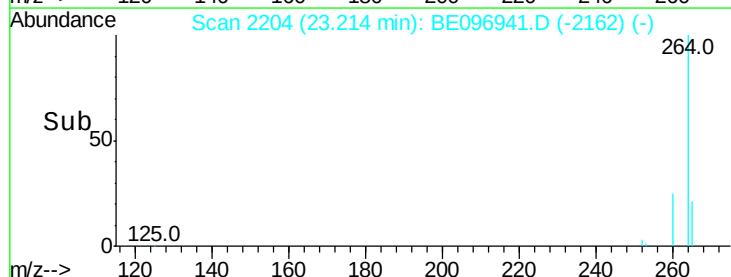
265 25.1 22.8 34.2

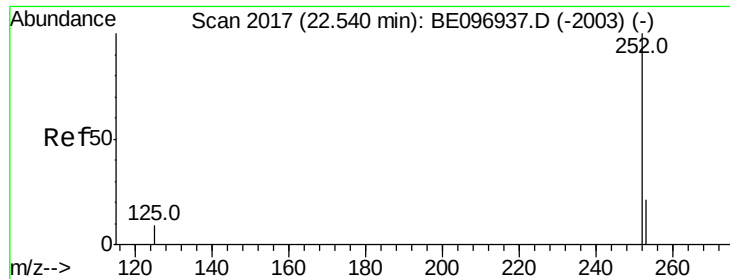


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

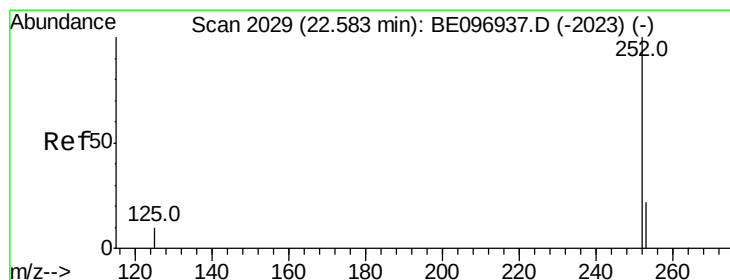
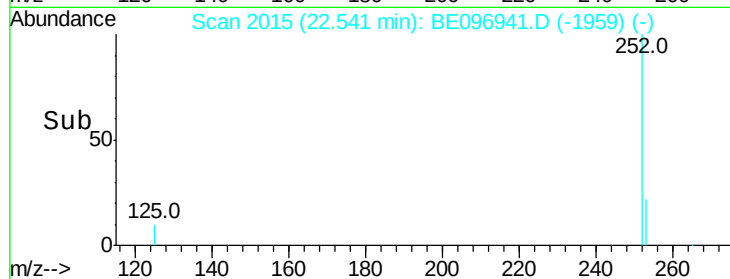
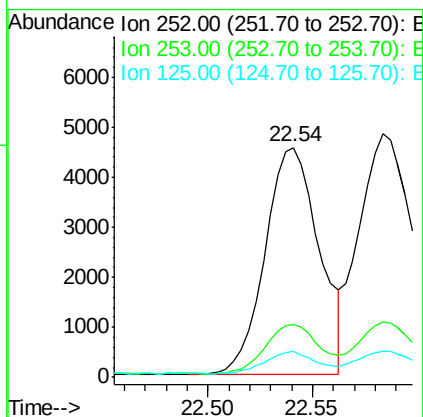
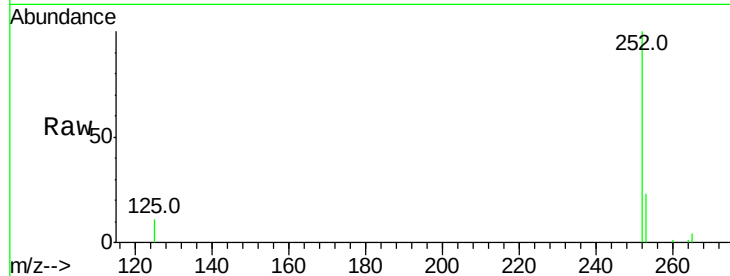




#35
Benzo(b)fluoranthene
Concen: 0.325 ng
RT: 22.54 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

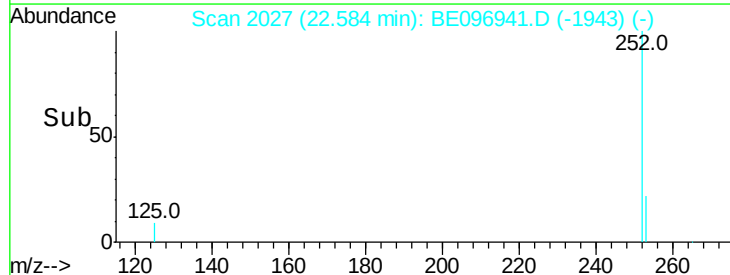
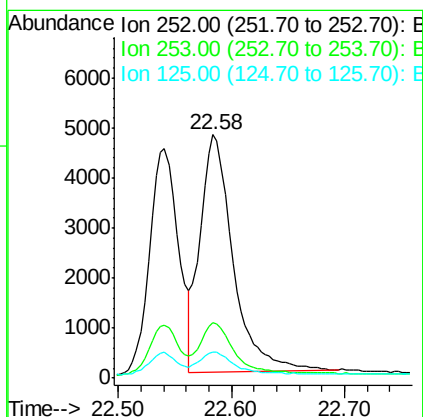
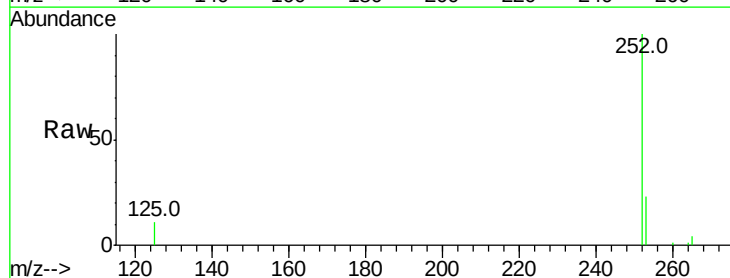
Instrument :
BNA_E
ClientSampleId :
ICVBE071618

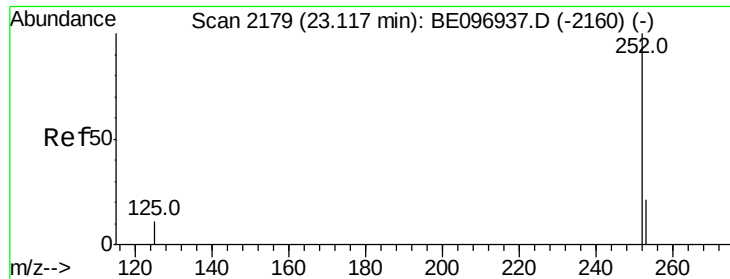
Tot Ion:252 Resp: 8105
Ion Ratio Lower Upper
252 100
253 23.3 20.0 30.0
125 11.1 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.326 ng
RT: 22.58 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE096941.D
Acq: 16 Jul 2018 16:24

Tgt Ion:252 Resp: 9696
Ion Ratio Lower Upper
252 100
253 22.8 16.0 24.0
125 10.7 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.345 ng

RT: 23.11 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

Instrument :

BNA_E

ClientSampleId :

ICVBE071618

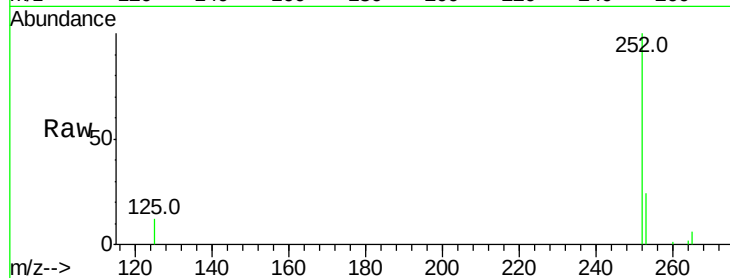
Tot Ion:252 Resp: 6916

Ion Ratio Lower Upper

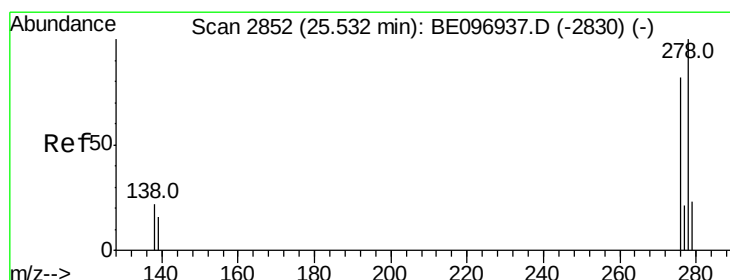
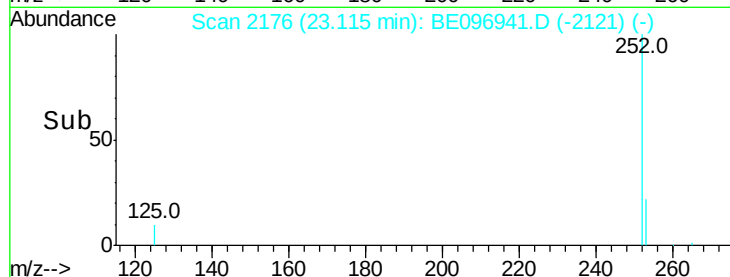
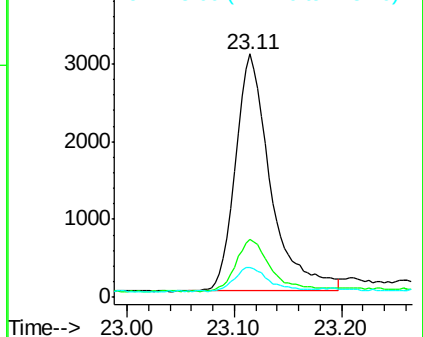
252 100

253 23.6 16.0 24.0

125 12.3 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: 0.356 ng

RT: 25.54 min Scan# 2852

Delta R.T. 0.01 min

Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

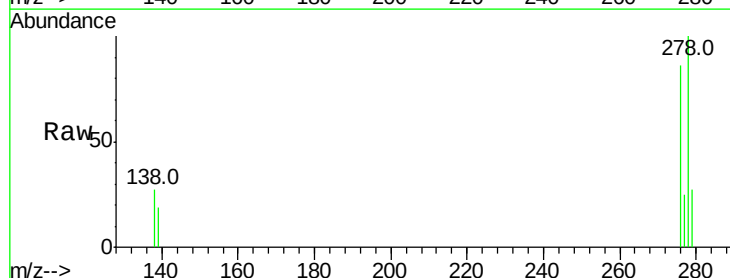
Tgt Ion:278 Resp: 5831

Ion Ratio Lower Upper

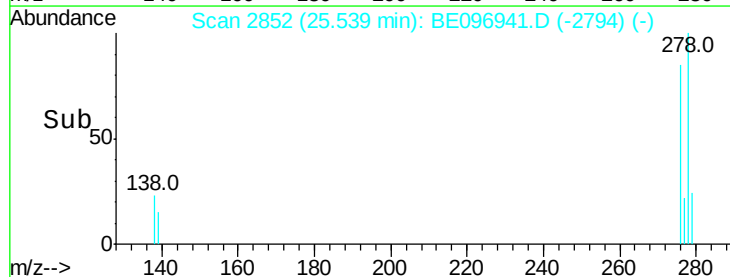
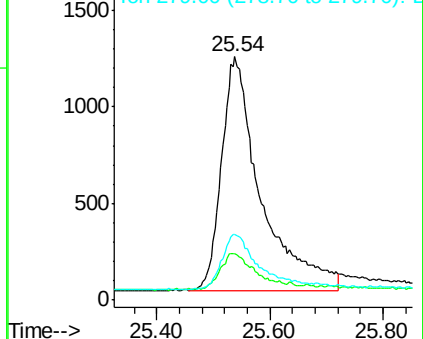
278 100

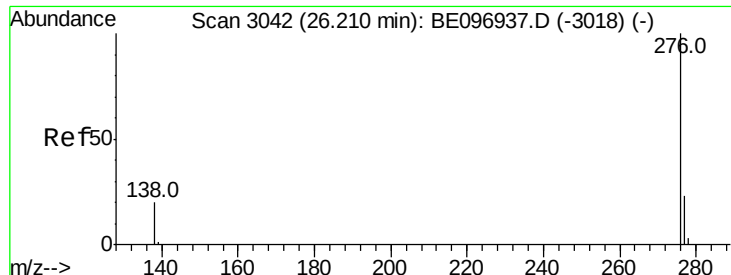
139 19.0 16.0 24.0

279 26.9 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: 0.338 ng

RT: 26.21 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BE096941.D

Acq: 16 Jul 2018 16:24

Instrument :

BNA_E

ClientSampleId :

ICVBE071618

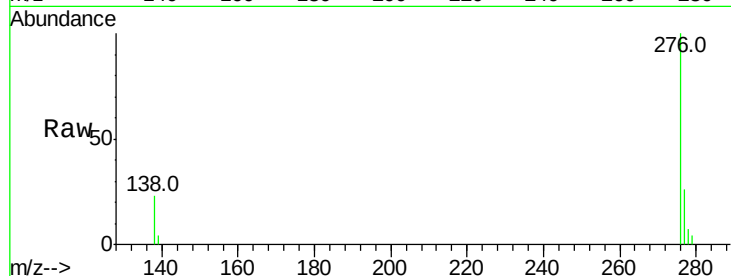
Tot Ion:276 Resp: 6854

Ion Ratio Lower Upper

276 100

277 25.7 16.0 24.0#

138 22.9 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

