

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092718\
 Data File : BE097696.D
 Acq On : 27 Sep 2018 16:17
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE092718

Quant Time: Sep 27 16:59:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 27 15:45:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	857	0.40	ng	0.00
7) Naphthalene-d8	10.12	136	4051	0.40	ng	0.00
13) Acenaphthene-d10	13.99	164	2209	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	6029	0.40	ng	0.00
27) Chrysene-d12	20.97	240	7284	0.40	ng	0.00
34) Perylene-d12	23.21	264	6649	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	730	0.34	ng	0.00
5) Phenol-d6	6.63	99	833	0.29	ng	0.01
8) Nitrobenzene-d5	8.54	82	1037	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2380	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	279	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	3592	0.39	ng	0.00
25) Fluoranthene-d10	18.80	212	27699	0.38	ng	0.00
29) Terphenyl-d14	19.42	244	6099	0.39	ng	0.00

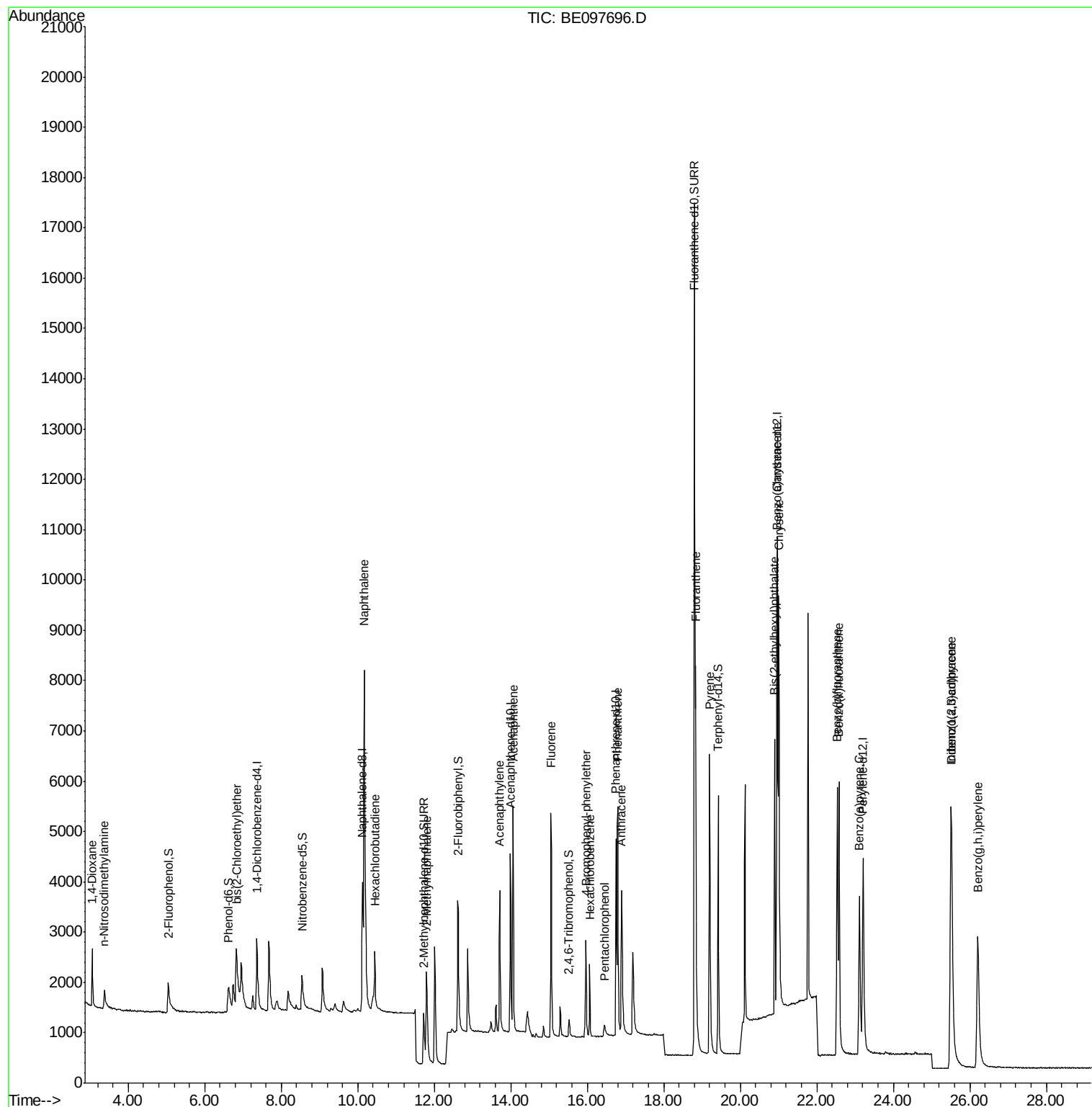
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.06	88	668	0.374	ng	# 83
3) n-Nitrosodimethylamine	3.37	42	375	0.349	ng	# 91
6) bis(2-Chloroethyl)ether	6.84	93	1092	0.382	ng	# 68
9) Naphthalene	10.17	128	15417	0.385	ng	99
10) Hexachlorobutadiene	10.45	225	729	0.390	ng	96
12) 2-Methylnaphthalene	11.80	142	2295	0.375	ng	100
16) Acenaphthylene	13.72	152	3536	0.375	ng	99
17) Acenaphthene	14.06	154	2519	0.397	ng	97
18) Fluorene	15.05	166	3111	0.384	ng	# 78
20) 4-Bromophenyl-phenylether	15.96	248	1156	0.376	ng	# 85
21) Hexachlorobenzene	16.07	284	1336	0.387	ng	# 84
22) Pentachlorophenol	16.45	266	268	0.337	ng	83
23) Phenanthrene	16.80	178	5916	0.379	ng	98
24) Anthracene	16.89	178	4542	0.354	ng	96
26) Fluoranthene	18.83	202	7345	0.380	ng	98
28) Pyrene	19.20	202	7387	0.390	ng	100
30) Benzo(a)anthracene	20.95	228	6476	0.359	ng	96
31) Chrysene	21.00	228	9195	0.408	ng	100
32) Bis(2-ethylhexyl)phthalate	20.89	149	7181	0.323	ng	100
33) Indeno(1,2,3-cd)pyrene	25.50	276	8962	0.377	ng	# 92
35) Benzo(b)fluoranthene	22.53	252	7427	0.386	ng	# 89
36) Benzo(k)fluoranthene	22.58	252	8601	0.388	ng	95
37) Benzo(a)pyrene	23.11	252	6800	0.369	ng	# 93
38) Dibenzo(a,h)anthracene	25.52	278	7431	0.372	ng	# 95
39) Benzo(g,h,i)perylene	26.21	276	7676	0.379	ng	# 89

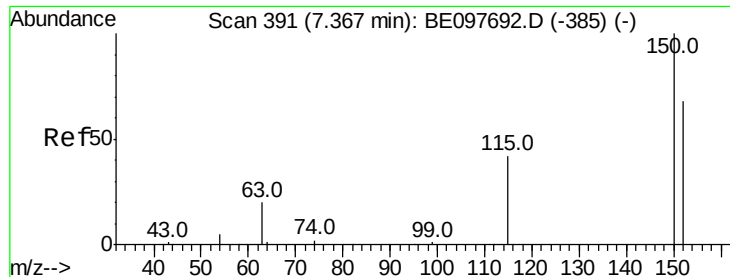
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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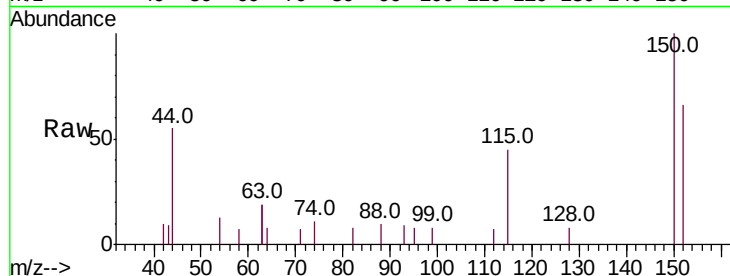


#1

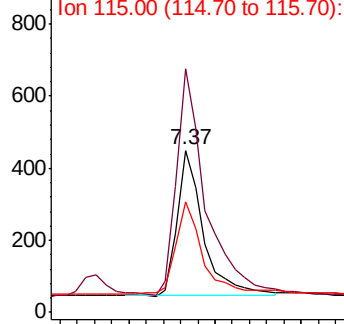
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.00 min
Lab File: BE097696.D
Acq: 27 Sep 2018 16:17

Instrument :
BNA_E
ClientSampleId :
ICVBE092718

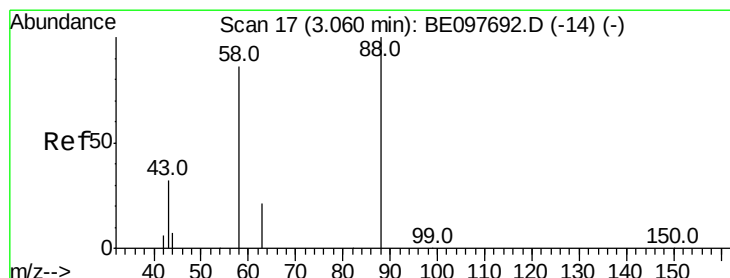
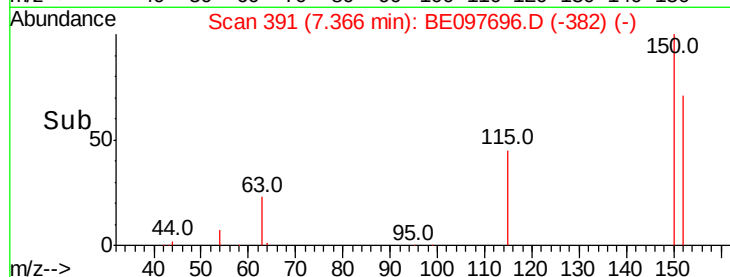
Tot Ion:152 Resp: 857
Ion Ratio Lower Upper
152 100
150 150.6 117.2 175.8
115 68.4 57.0 85.6



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



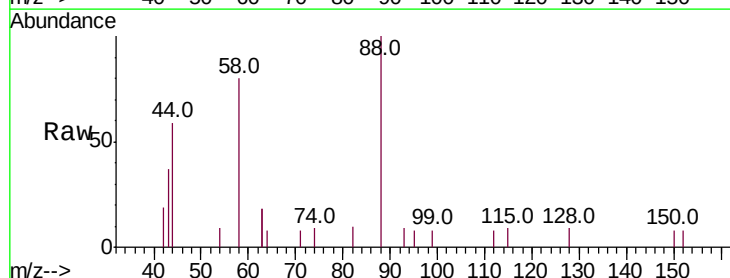
Time-->



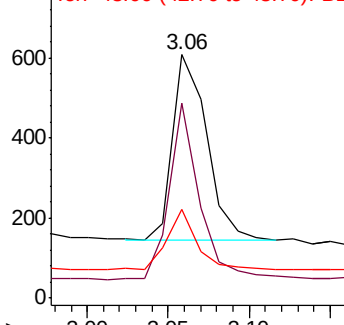
#2

1,4-Dioxane
Concen: 0.374 ng
RT: 3.06 min Scan# 17
Delta R.T. -0.00 min
Lab File: BE097696.D
Acq: 27 Sep 2018 16:17

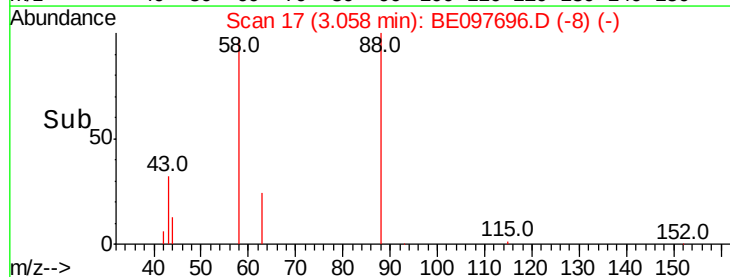
Tgt Ion: 88 Resp: 668
Ion Ratio Lower Upper
88 100
58 84.7 63.2 94.8
43 28.7 41.2 61.8#

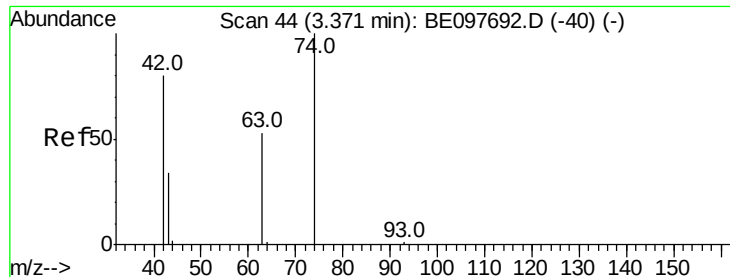


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->



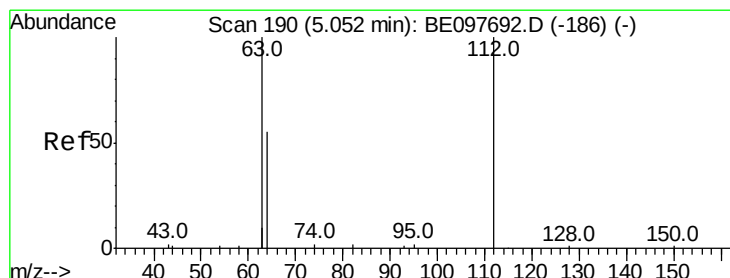
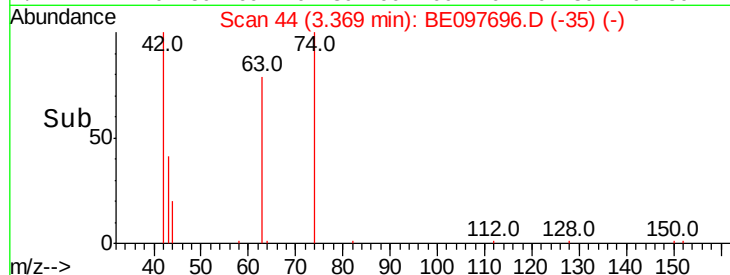
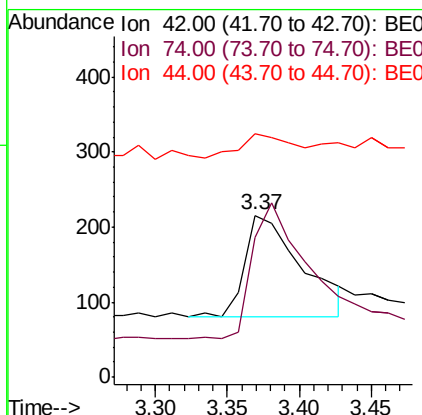
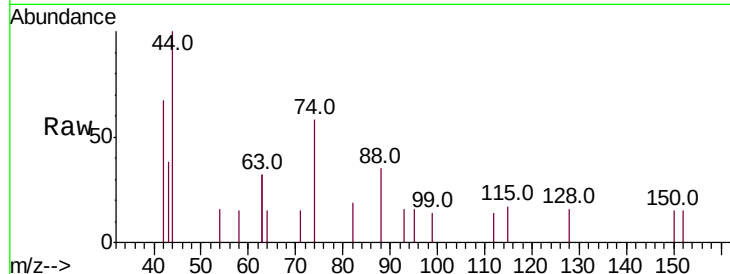


#3

n-Nitrosodimethylamine
 Concen: 0.349 ng
 RT: 3.37 min Scan# 44
 Delta R.T. -0.00 min
 Lab File: BE097696.D
 Acq: 27 Sep 2018 16:17

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE092718

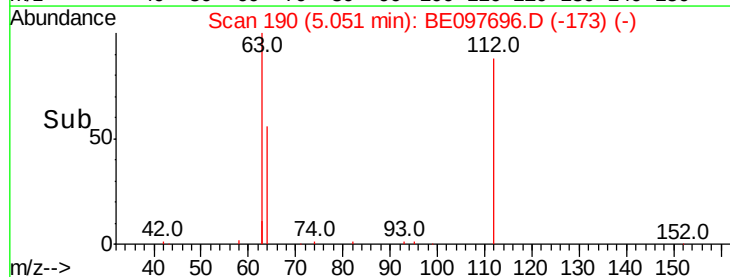
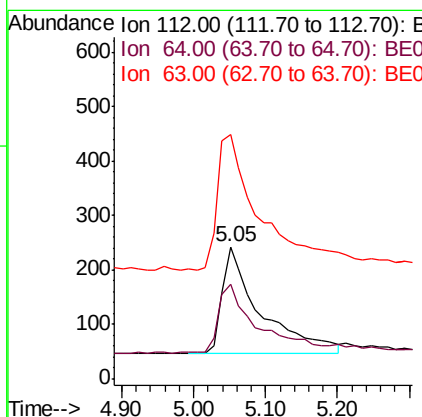
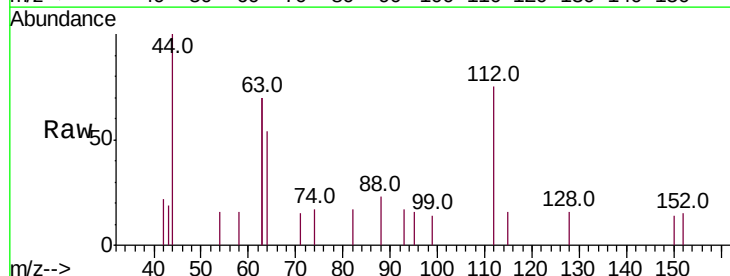
Tot Ion: 42 Resp: 375
 Ion Ratio Lower Upper
 42 100
 74 128.8 96.0 144.0
 44 20.5 12.0 18.0#

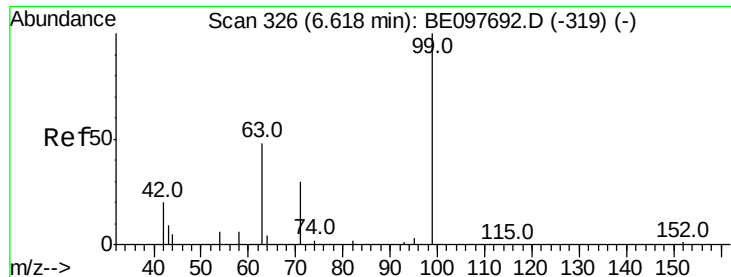


#4

2-Fluorophenol
 Concen: 0.345 ng
 RT: 5.05 min Scan# 190
 Delta R.T. -0.00 min
 Lab File: BE097696.D
 Acq: 27 Sep 2018 16:17

Tgt Ion: 112 Resp: 730
 Ion Ratio Lower Upper
 112 100
 64 64.2 60.1 90.1
 63 141.6 116.8 175.2





#5

Phenol-d6

Concen: 0.285 ng

RT: 6.63 min Scan# 327

Delta R.T. 0.01 min

Lab File: BE097696.D

Acq: 27 Sep 2018 16:17

Instrument :

BNA_E

ClientSampleId :

ICVBE092718

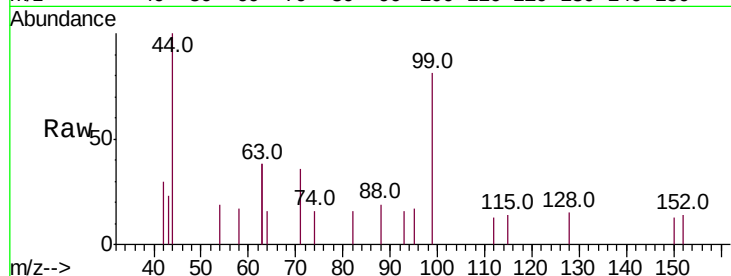
Tot Ion: 99 Resp: 833

Ion Ratio Lower Upper

99 100

42 20.9 20.2 30.2

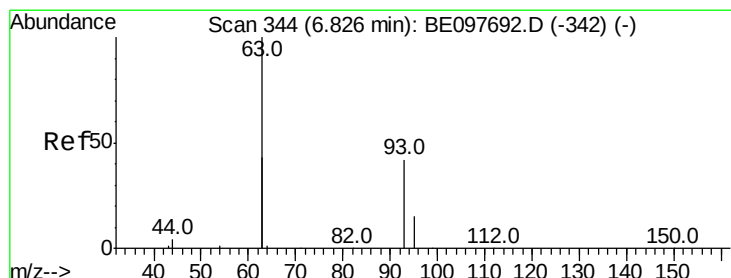
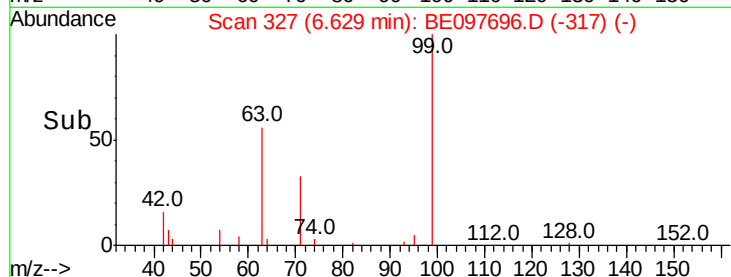
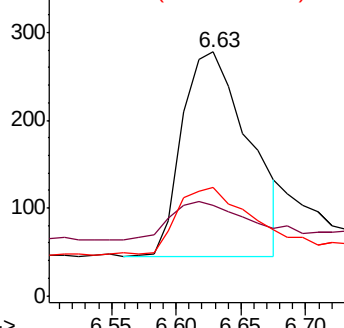
71 35.8 28.4 42.6



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



#6

bis(2-Chloroethyl)ether

Concen: 0.382 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.01 min

Lab File: BE097696.D

Acq: 27 Sep 2018 16:17

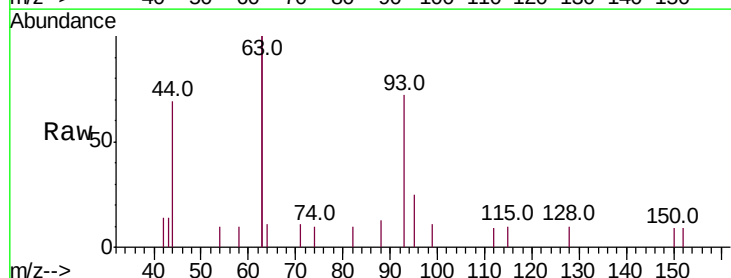
Tgt Ion: 93 Resp: 1092

Ion Ratio Lower Upper

93 100

63 269.7 275.3 412.9#

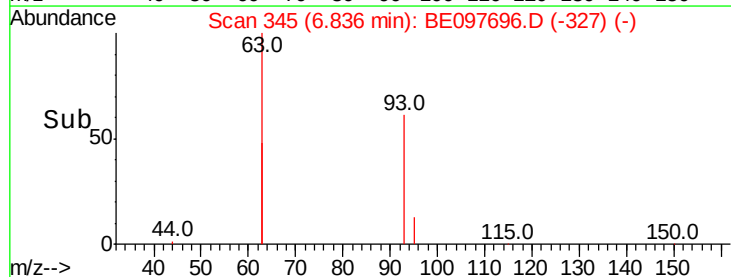
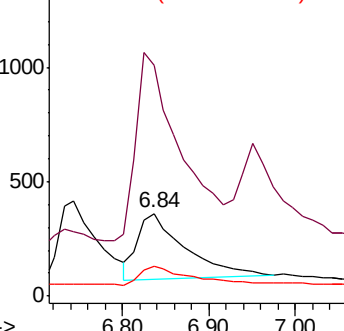
95 30.0 25.2 37.8

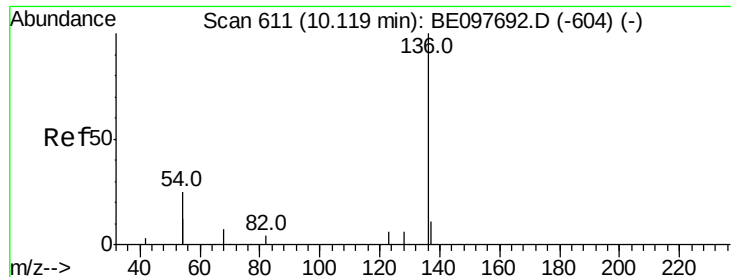


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.12 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097696.D

Acq: 27 Sep 2018 16:17

Instrument :

BNA_E

ClientSampleId :

ICVBE092718

Tot Ion:136 Resp: 4051

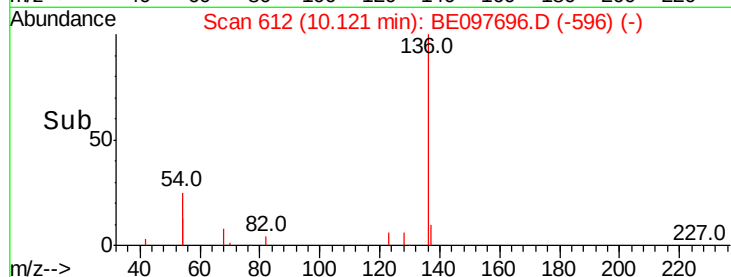
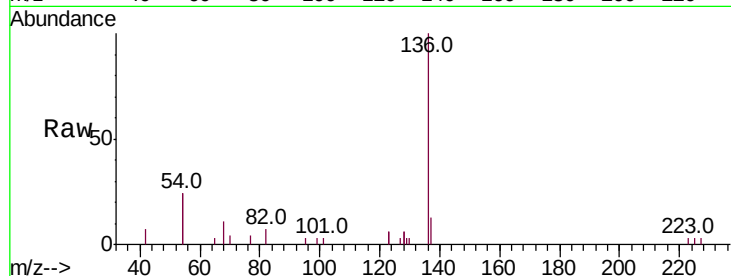
Ion Ratio Lower Upper

136 100

137 13.0 9.5 14.3

54 48.3 29.1 43.7#

68 10.6 6.2 9.2#

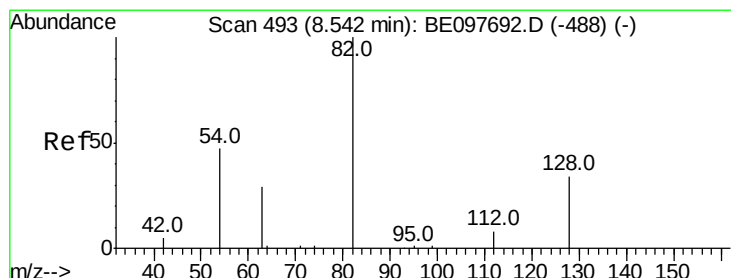
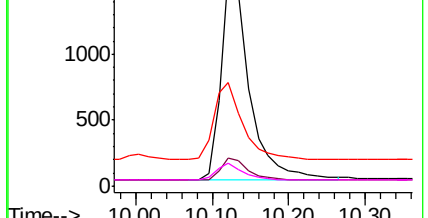


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.361 ng

RT: 8.54 min Scan# 493

Delta R.T. -0.00 min

Lab File: BE097696.D

Acq: 27 Sep 2018 16:17

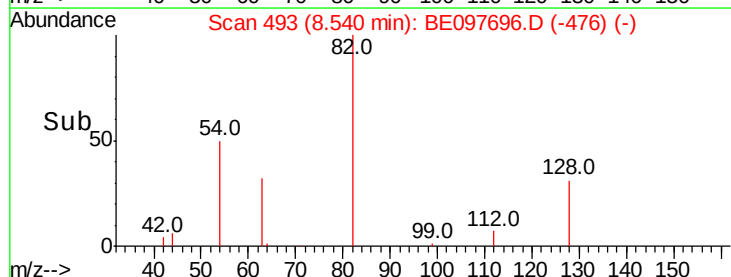
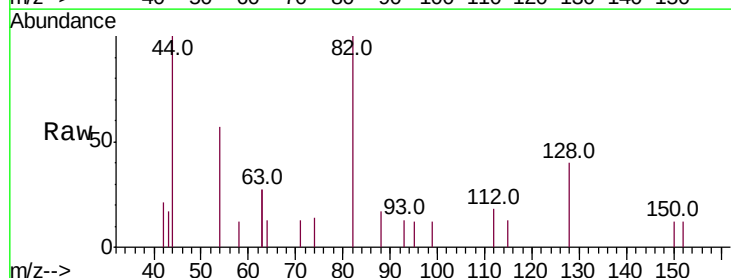
Tgt Ion: 82 Resp: 1037

Ion Ratio Lower Upper

82 100

128 39.7 24.0 36.0#

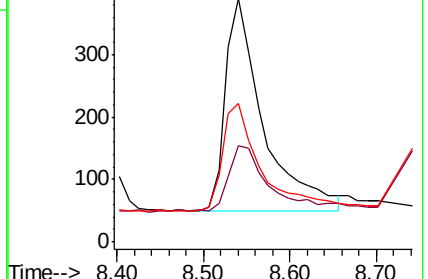
54 56.7 40.0 60.0

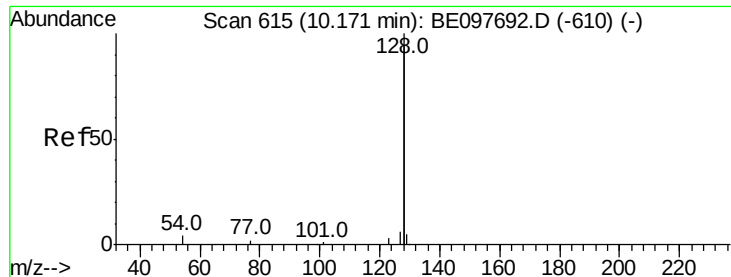


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.385 ng

RT: 10.17 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE097696.D

Acq: 27 Sep 2018 16:17

Instrument :

BNA_E

ClientSampleId :

ICVBE092718

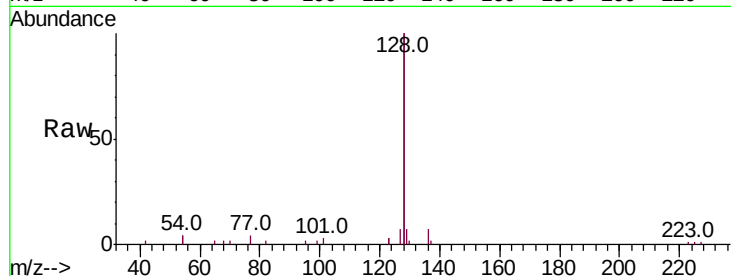
Tot Ion:128 Resp: 15417

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

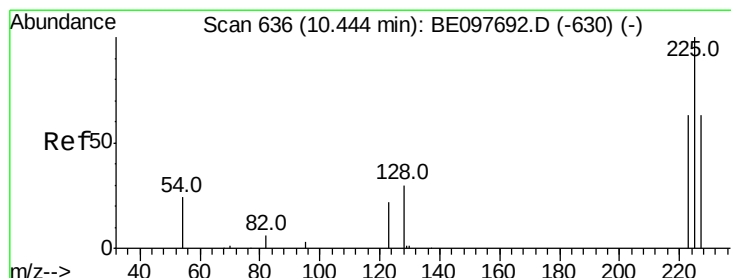
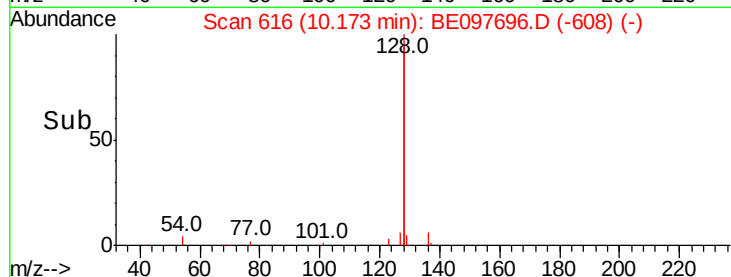
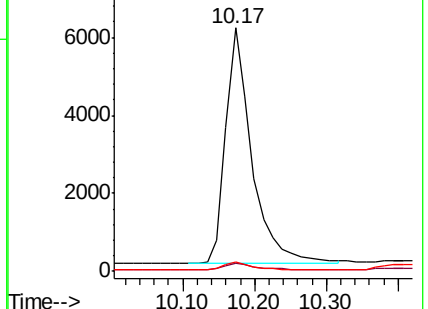
127 3.7 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.390 ng

RT: 10.45 min Scan# 637

Delta R.T. 0.00 min

Lab File: BE097696.D

Acq: 27 Sep 2018 16:17

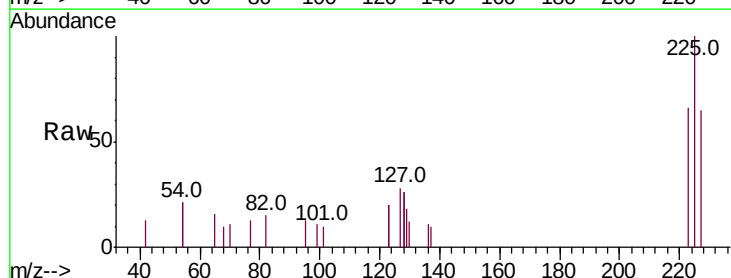
Tgt Ion:225 Resp: 729

Ion Ratio Lower Upper

225 100

223 61.9 53.0 79.6

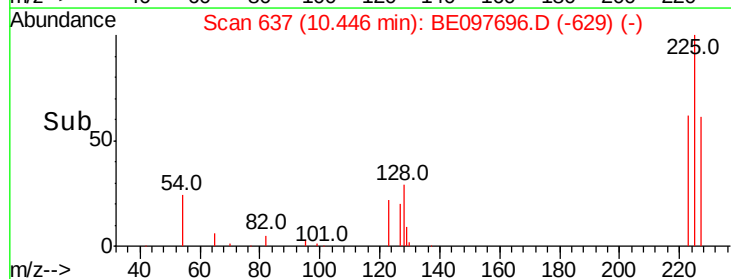
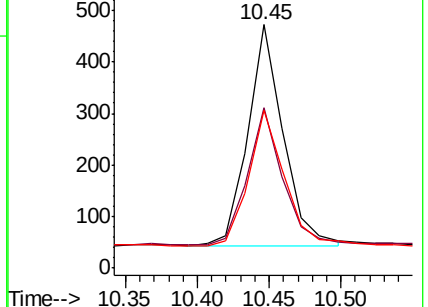
227 62.3 51.4 77.2

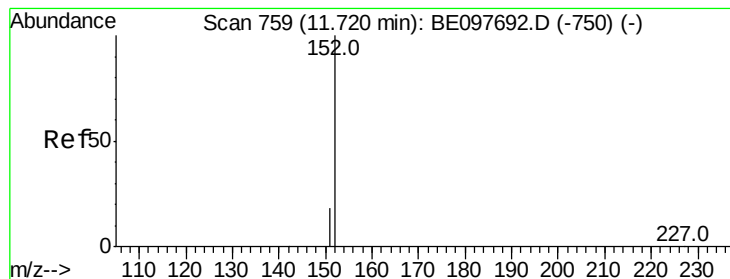


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.378 ng

RT: 11.72 min Scan# 760

Delta R.T. 0.00 min

Lab File: BE097696.D

Acq: 27 Sep 2018 16:17

Instrument :

BNA_E

ClientSampleId :

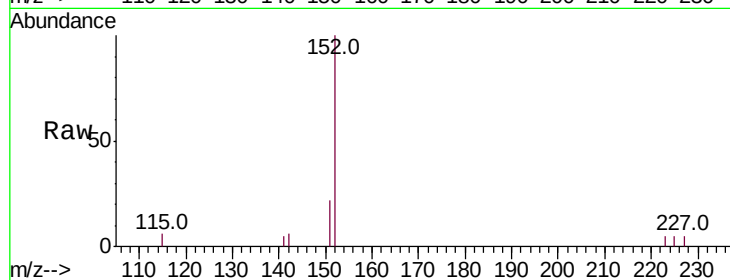
ICVBE092718

Tot Ion:152 Resp: 2380

Ion Ratio Lower Upper

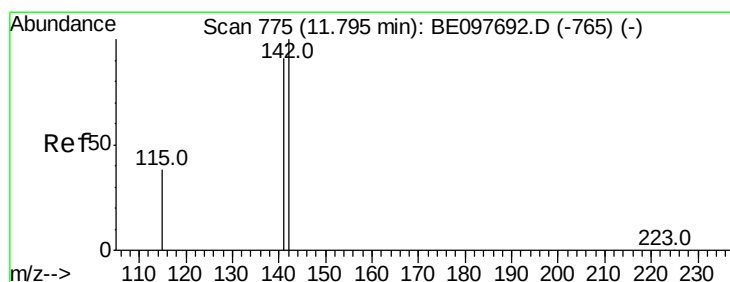
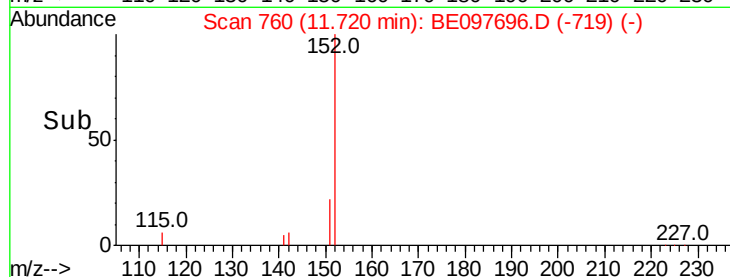
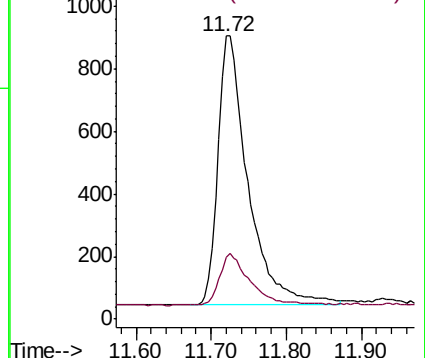
152 100

151 19.0 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: 0.375 ng

RT: 11.80 min Scan# 777

Delta R.T. 0.00 min

Lab File: BE097696.D

Acq: 27 Sep 2018 16:17

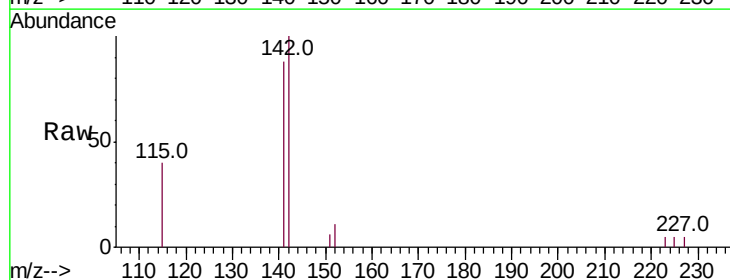
Tgt Ion:142 Resp: 2295

Ion Ratio Lower Upper

142 100

141 87.9 70.4 105.6

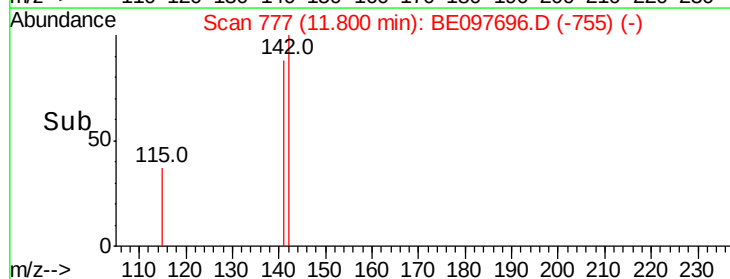
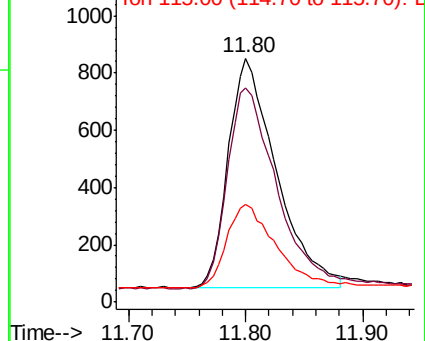
115 40.2 31.7 47.5

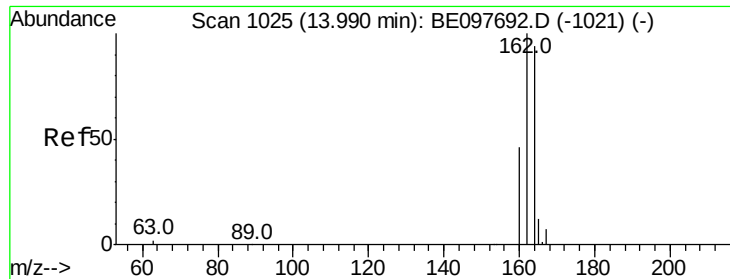


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

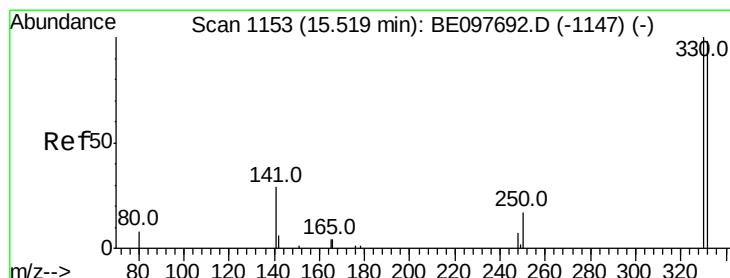
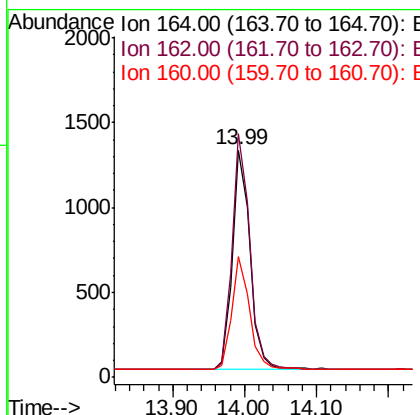
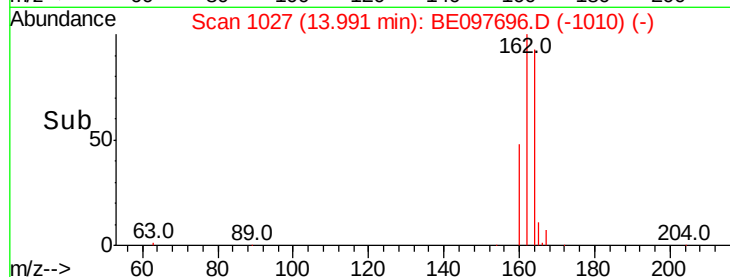
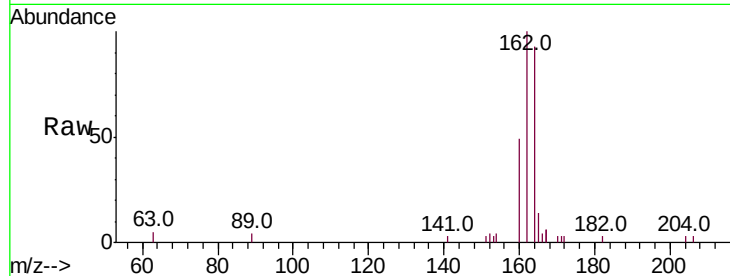




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 13.99 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE097696.D
 Acq: 27 Sep 2018 16:17

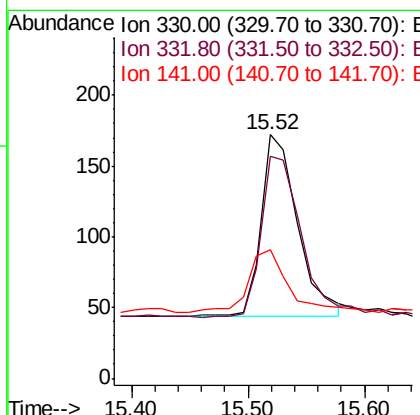
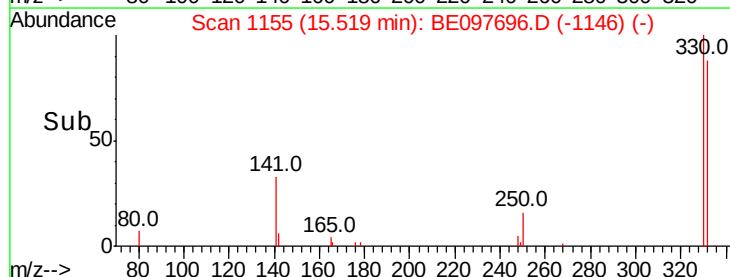
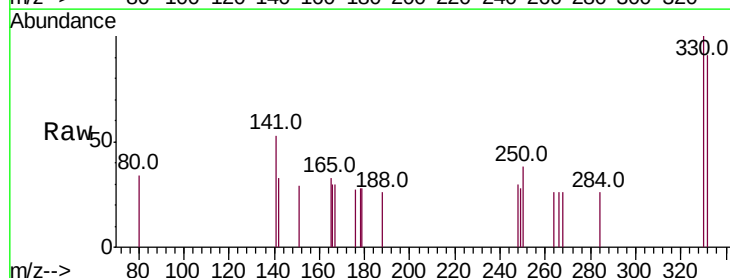
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE092718

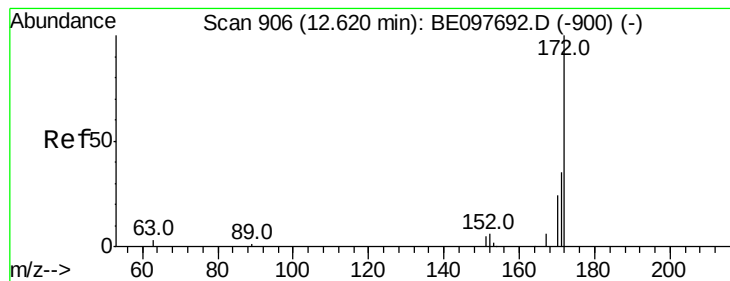
Tot Ion:164 Resp: 2209
 Ion Ratio Lower Upper
 164 100
 162 107.2 83.1 124.7
 160 53.0 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.323 ng
 RT: 15.52 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BE097696.D
 Acq: 27 Sep 2018 16:17

Tgt Ion:330 Resp: 279
 Ion Ratio Lower Upper
 330 100
 332 96.8 152.7 229.1#
 141 36.2 33.7 50.5





#15

2-Fluorobiphenyl

Concen: 0.387 ng

RT: 12.62 min Scan# 908

Delta R.T. 0.00 min

Lab File: BE097696.D

Acq: 27 Sep 2018 16:17

Instrument :

BNA_E

ClientSampleId :

ICVBE092718

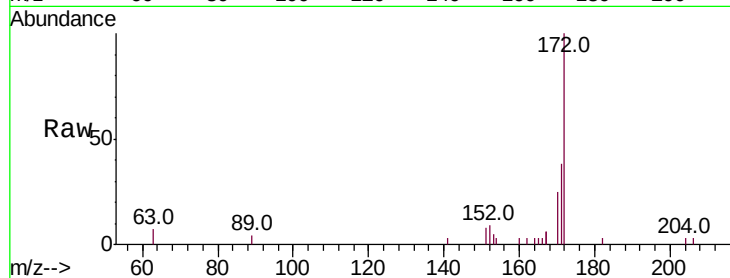
Tot Ion:172 Resp: 3592

Ion Ratio Lower Upper

172 100

171 37.8 29.9 44.9

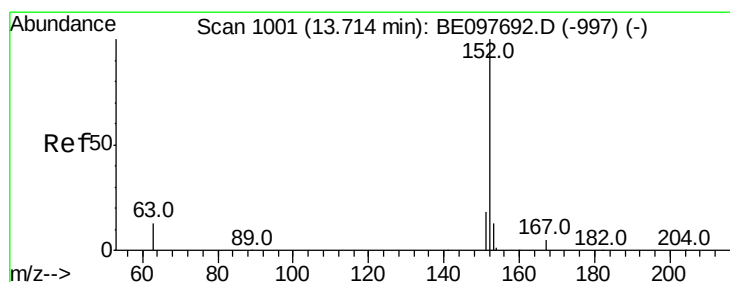
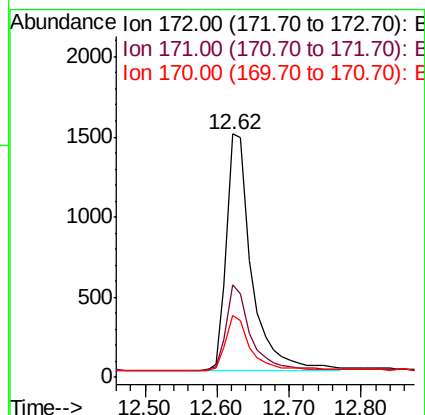
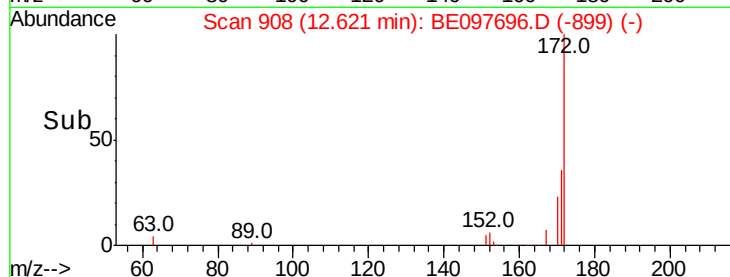
170 25.3 21.8 32.8



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: 0.375 ng

RT: 13.72 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BE097696.D

Acq: 27 Sep 2018 16:17

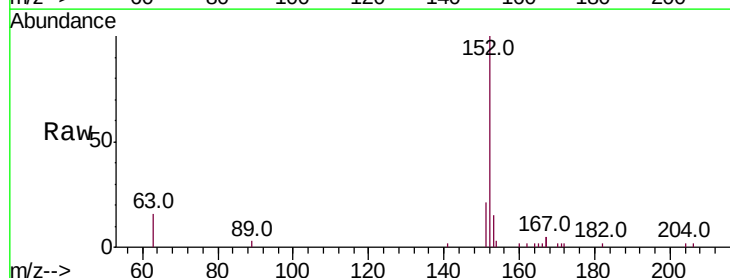
Tgt Ion:152 Resp: 3536

Ion Ratio Lower Upper

152 100

151 19.3 15.7 23.5

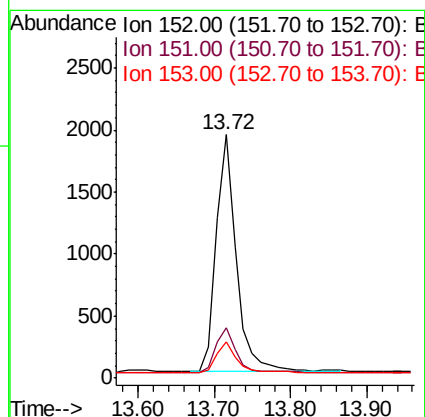
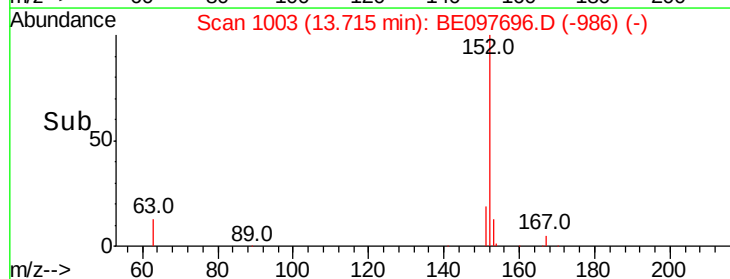
153 12.6 10.5 15.7

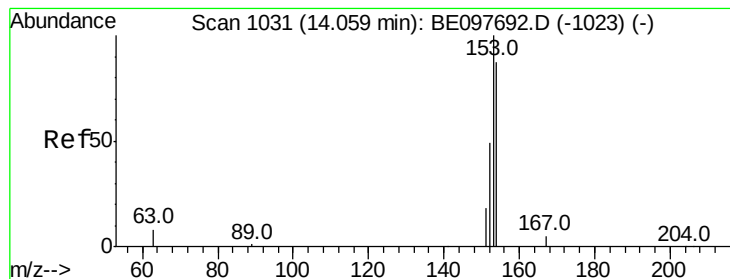


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.397 ng

RT: 14.06 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BE097696.D

Acq: 27 Sep 2018 16:17

Instrument :

BNA_E

ClientSampleId :

ICVBE092718

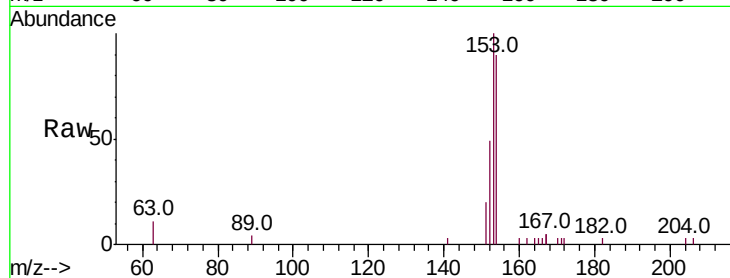
Tot Ion:154 Resp: 2519

Ion Ratio Lower Upper

154 100

153 112.9 89.2 133.8

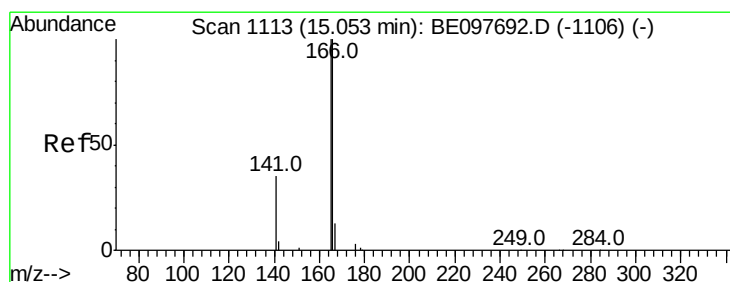
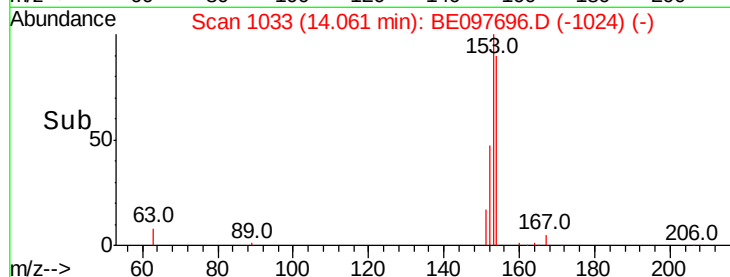
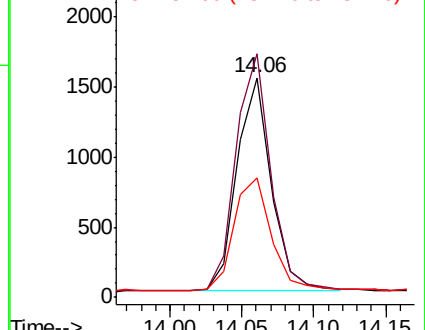
152 57.1 42.0 63.0



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: 0.384 ng

RT: 15.05 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE097696.D

Acq: 27 Sep 2018 16:17

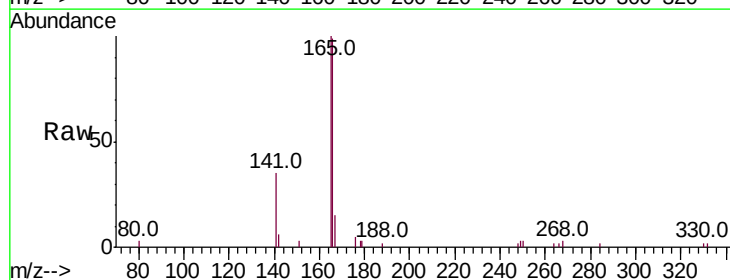
Tgt Ion:166 Resp: 3111

Ion Ratio Lower Upper

166 100

165 101.1 77.8 116.6

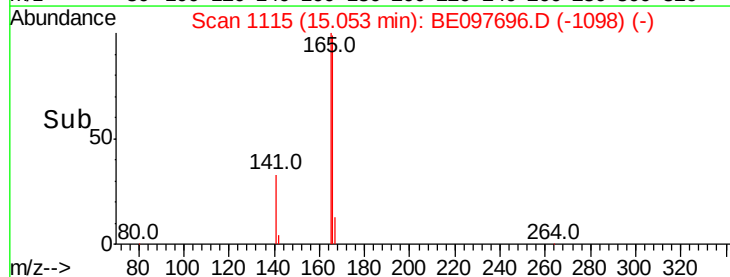
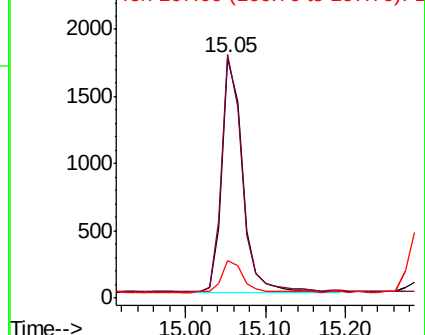
167 13.7 42.4 63.6#

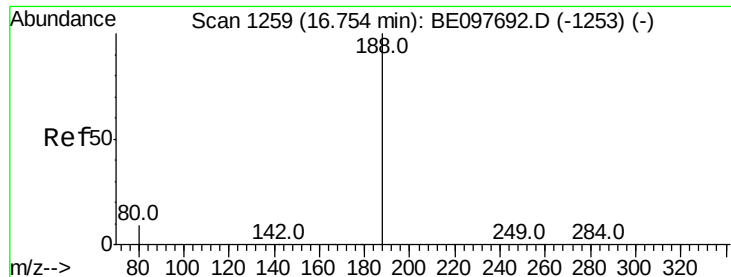


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.75 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BE097696.D

Acq: 27 Sep 2018 16:17

Instrument :

BNA_E

ClientSampleId :

ICVBE092718

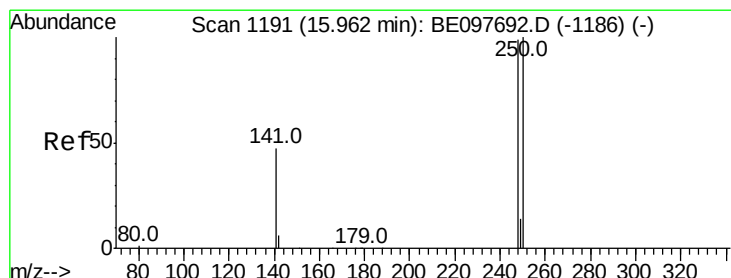
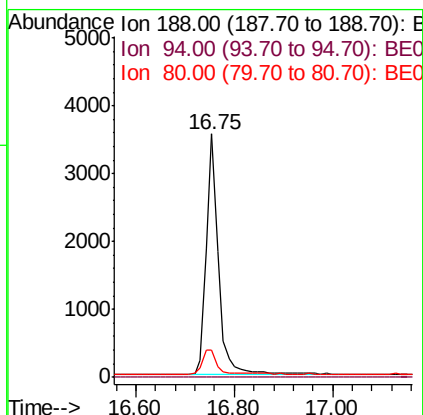
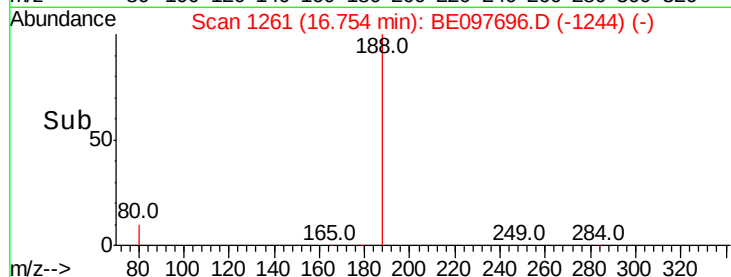
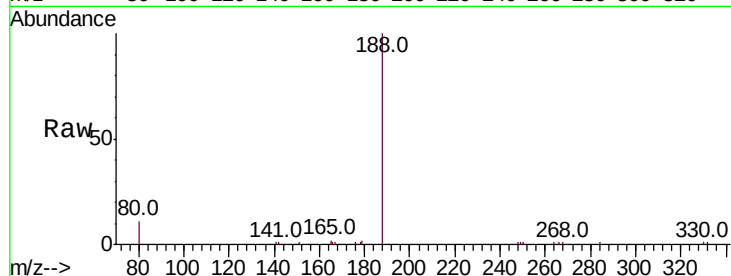
Tot Ion:188 Resp: 6029

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 11.4 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.376 ng

RT: 15.96 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BE097696.D

Acq: 27 Sep 2018 16:17

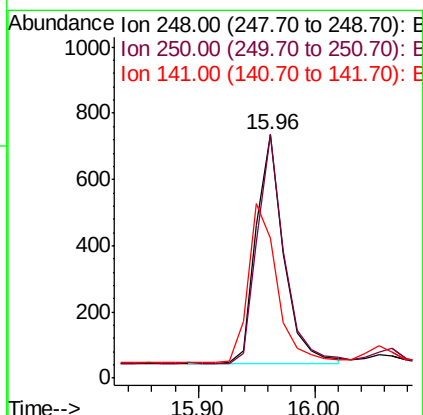
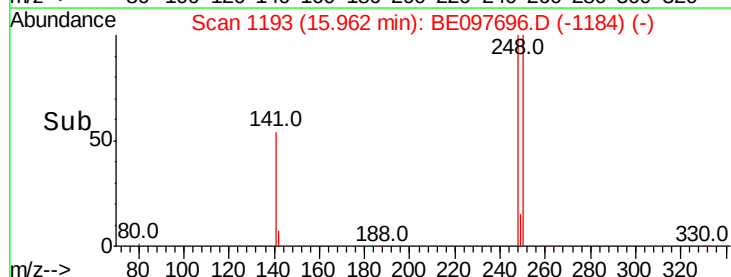
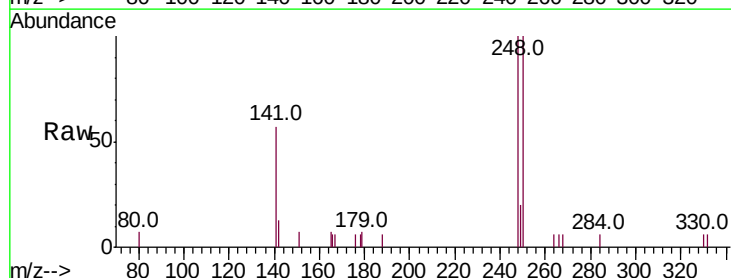
Tgt Ion:248 Resp: 1156

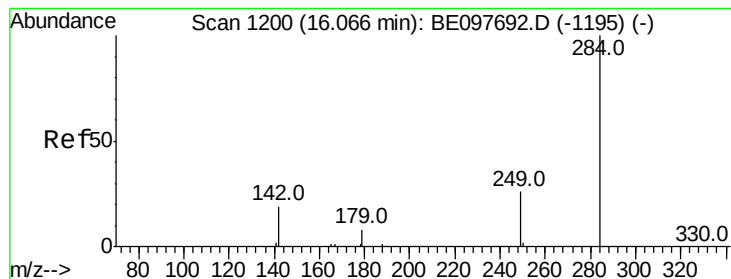
Ion Ratio Lower Upper

248 100

250 99.9 62.7 94.1#

141 57.5 48.2 72.2





#21

Hexachlorobenzene

Concen: 0.387 ng

RT: 16.07 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BE097696.D

Acq: 27 Sep 2018 16:17

Instrument :

BNA_E

ClientSampleId :

ICVBE092718

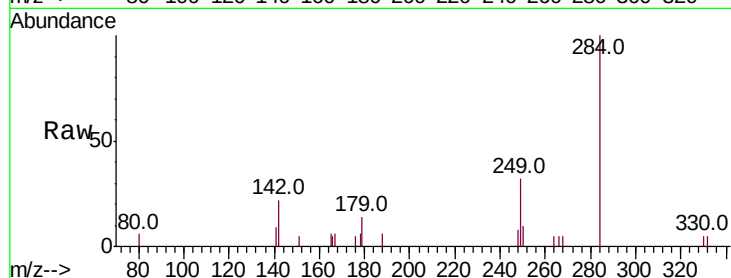
Tot Ion:284 Resp: 1336

Ion Ratio Lower Upper

284 100

142 32.0 22.1 33.1

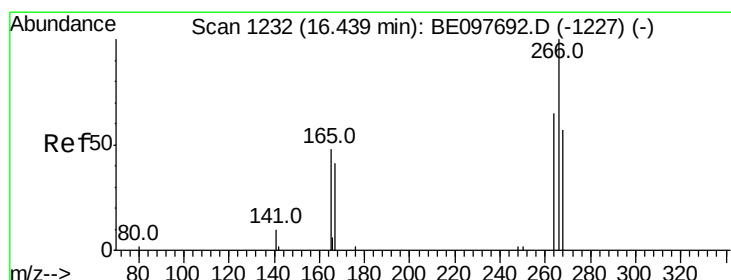
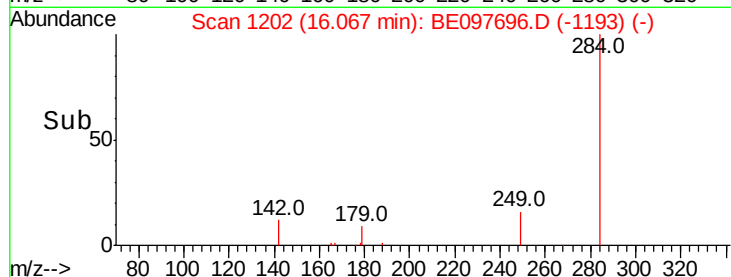
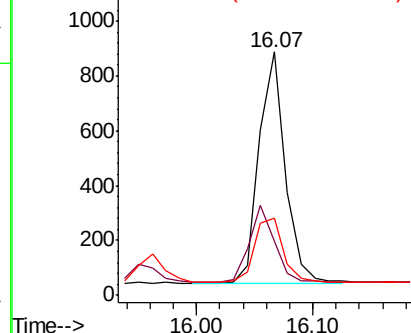
249 30.5 34.8 52.2#



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: 0.337 ng

RT: 16.45 min Scan# 1235

Delta R.T. 0.01 min

Lab File: BE097696.D

Acq: 27 Sep 2018 16:17

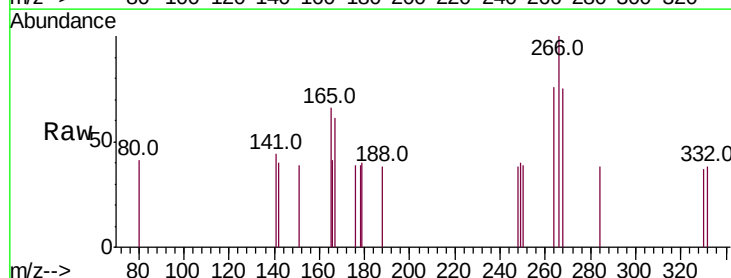
Tgt Ion:266 Resp: 268

Ion Ratio Lower Upper

266 100

264 75.6 72.5 108.7

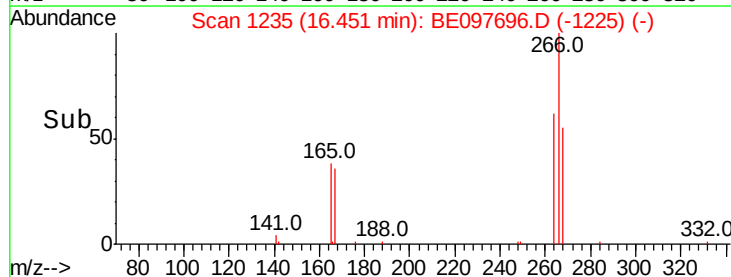
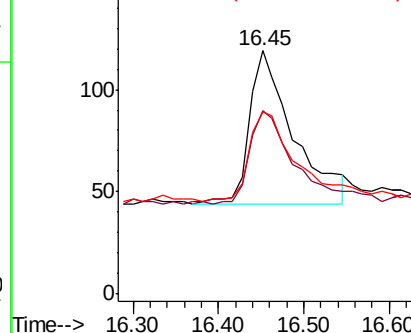
268 74.8 73.8 110.6

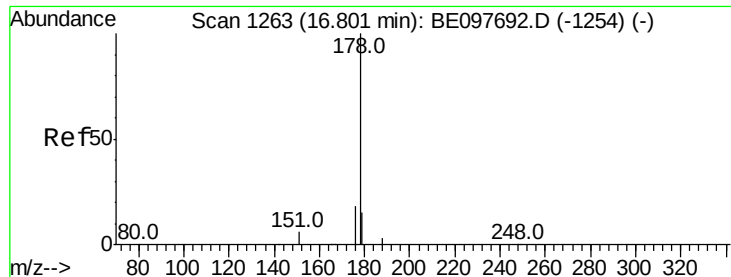


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.379 ng

RT: 16.80 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE097696.D

Acq: 27 Sep 2018 16:17

Instrument :

BNA_E

ClientSampleId :

ICVBE092718

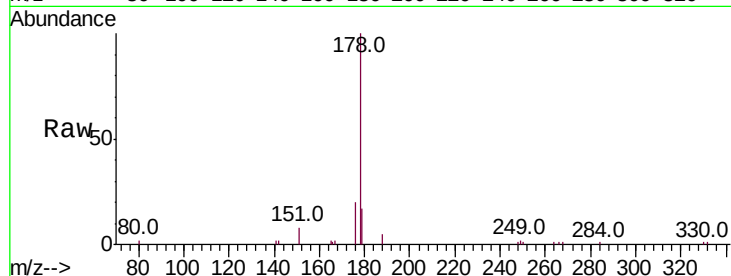
Tot Ion:178 Resp: 5916

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

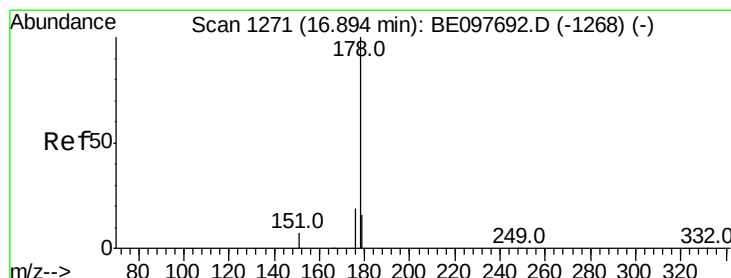
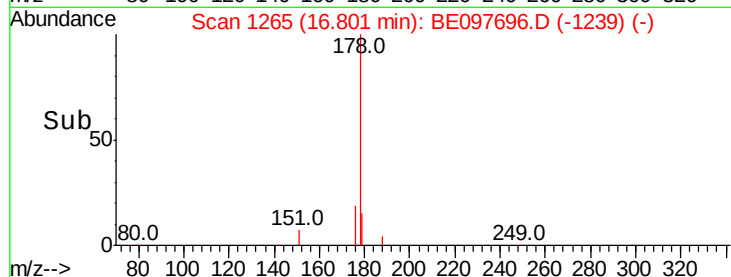
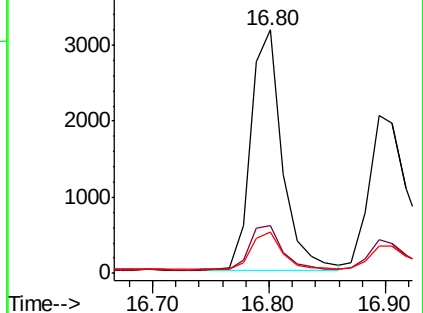
179 15.7 11.8 17.6



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: 0.354 ng

RT: 16.89 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BE097696.D

Acq: 27 Sep 2018 16:17

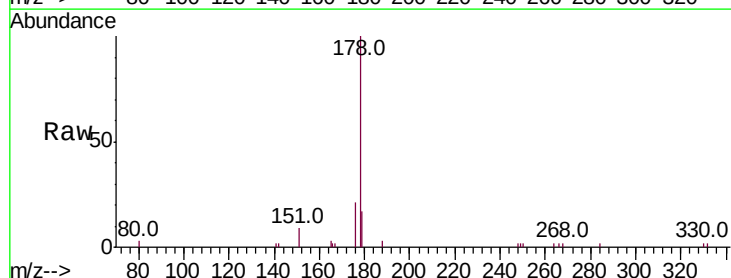
Tgt Ion:178 Resp: 4542

Ion Ratio Lower Upper

178 100

176 19.0 12.8 19.2

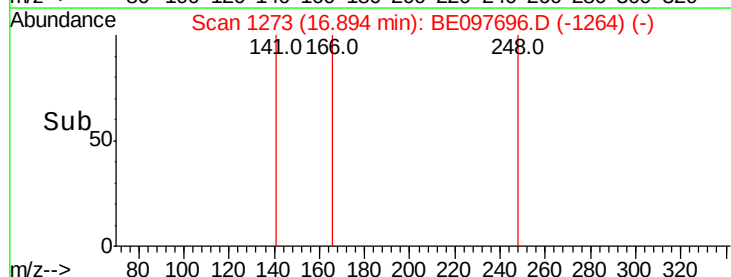
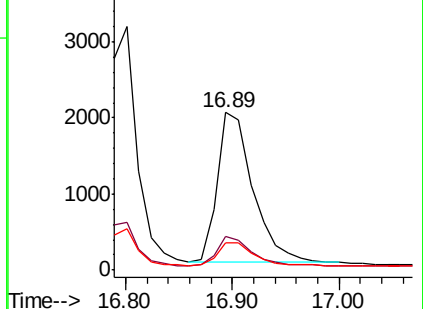
179 16.1 13.0 19.6

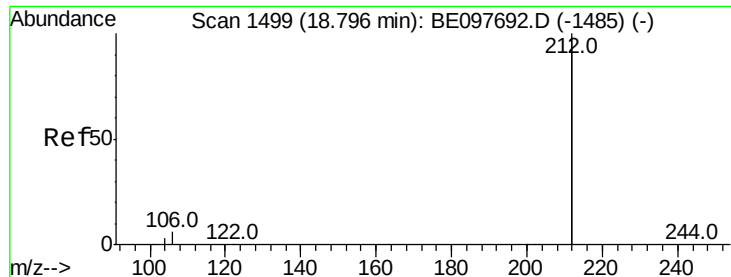


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.379 ng

RT: 18.80 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BE097696.D

Acq: 27 Sep 2018 16:17

Instrument :

BNA_E

ClientSampleId :

ICVBE092718

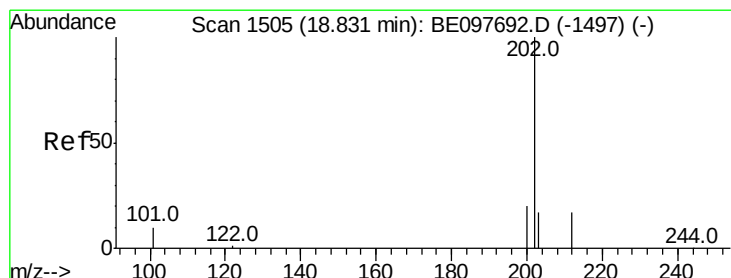
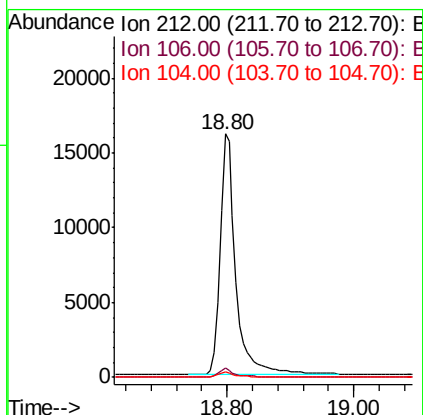
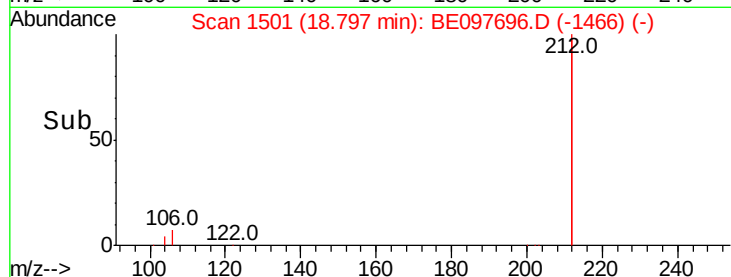
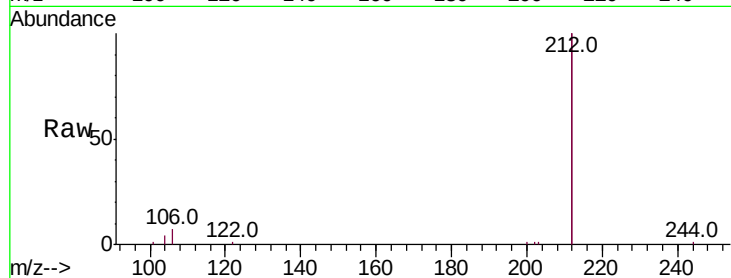
Tot Ion:212 Resp: 27699

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

104 1.8 1.6 2.4



#26

Fluoranthene

Concen: 0.380 ng

RT: 18.83 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BE097696.D

Acq: 27 Sep 2018 16:17

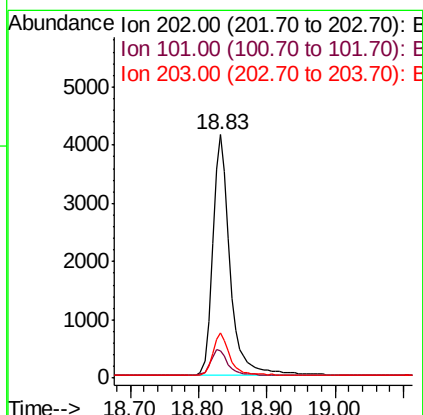
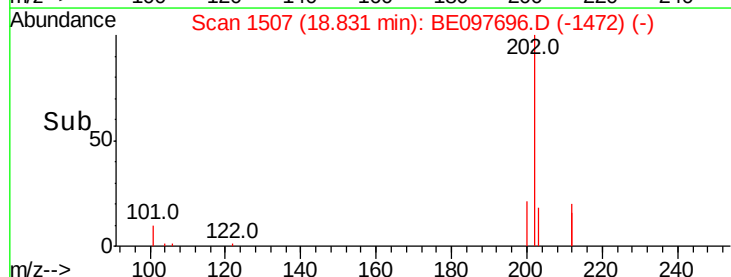
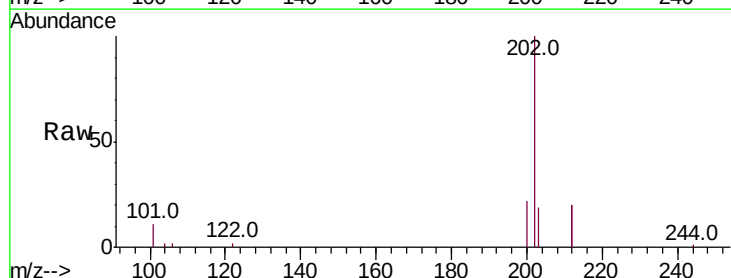
Tgt Ion:202 Resp: 7345

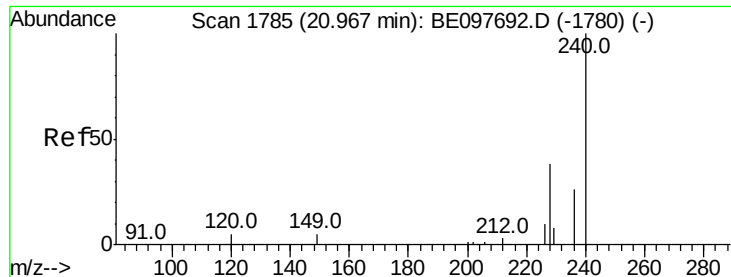
Ion Ratio Lower Upper

202 100

101 10.7 9.8 14.8

203 17.0 13.7 20.5

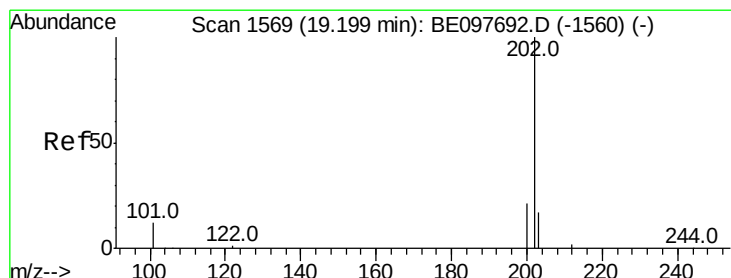
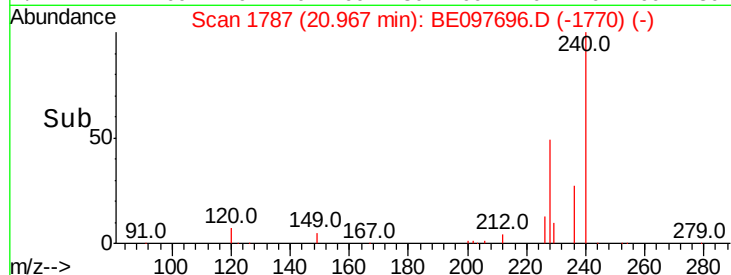
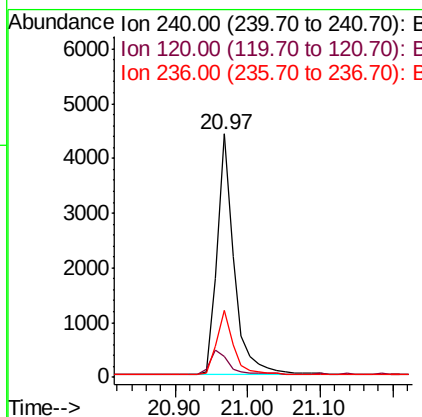
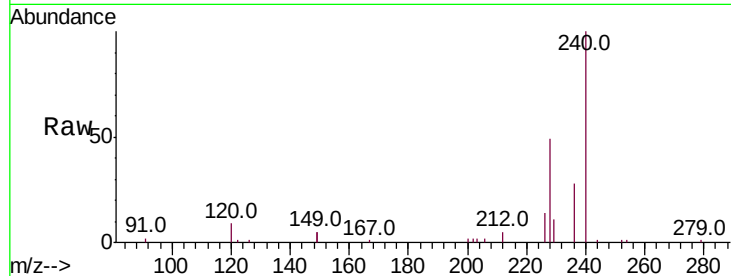




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BE097696.D
 Acq: 27 Sep 2018 16:17

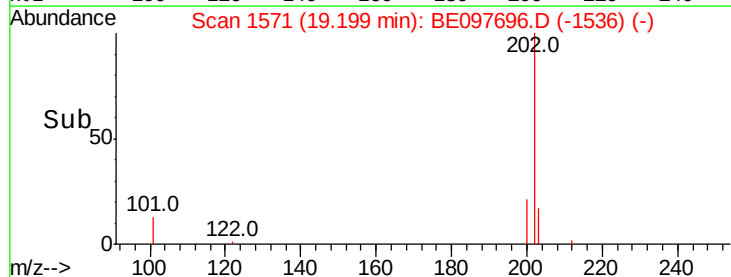
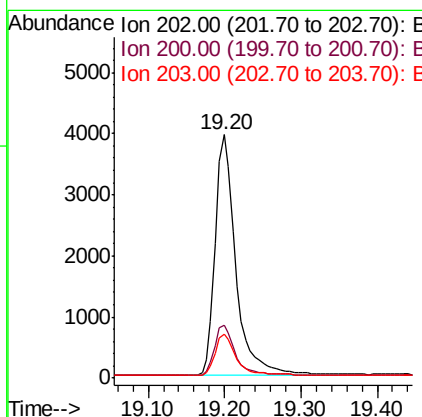
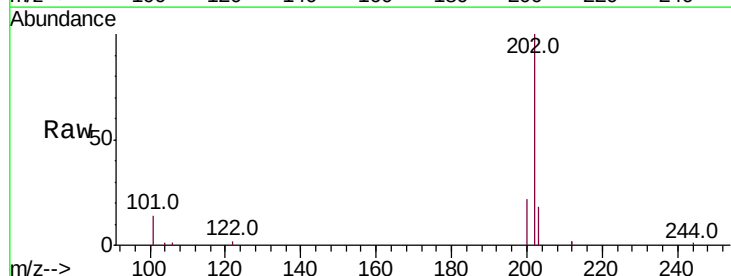
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE092718

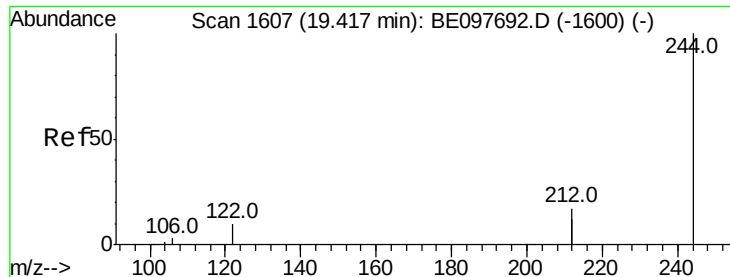
Tot Ion:240 Resp: 7284
 Ion Ratio Lower Upper
 240 100
 120 8.7 5.5 8.3#
 236 27.5 20.7 31.1



#28
 Pyrene
 Concen: 0.390 ng
 RT: 19.20 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BE097696.D
 Acq: 27 Sep 2018 16:17

Tgt Ion:202 Resp: 7387
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.6 25.0
 203 17.2 13.8 20.8





#29

Terphenyl-d14

Concen: 0.388 ng

RT: 19.42 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BE097696.D

Acq: 27 Sep 2018 16:17

Instrument :

BNA_E

ClientSampleId :

ICVBE092718

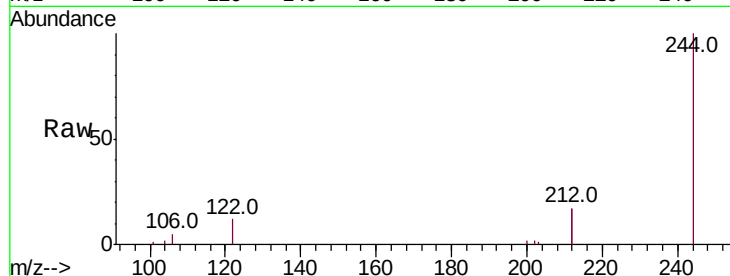
Tot Ion:244 Resp: 6099

Ion Ratio Lower Upper

244 100

212 34.7 25.4 38.0

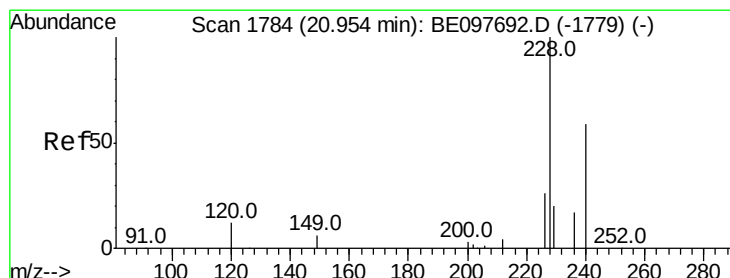
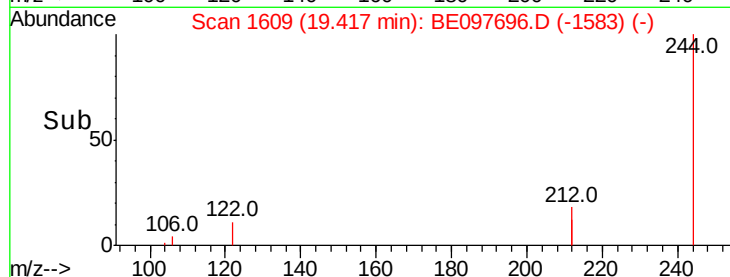
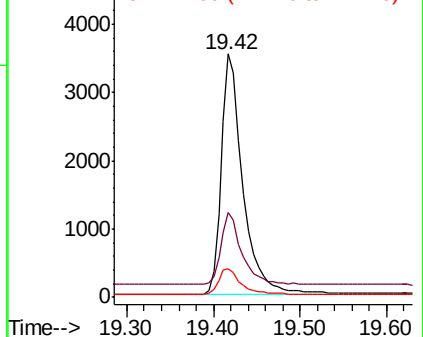
122 11.7 8.1 12.1



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: 0.359 ng

RT: 20.95 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097696.D

Acq: 27 Sep 2018 16:17

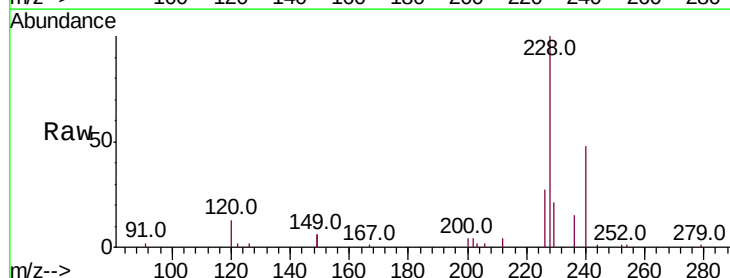
Tgt Ion:228 Resp: 6476

Ion Ratio Lower Upper

228 100

226 27.2 24.0 36.0

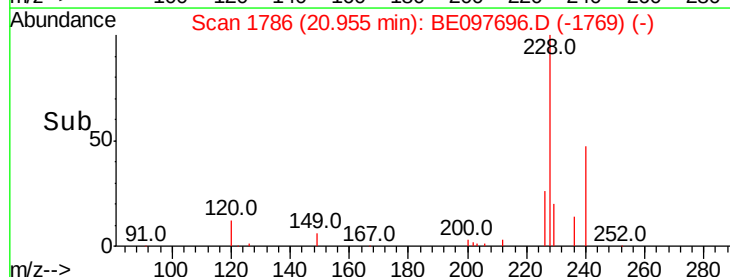
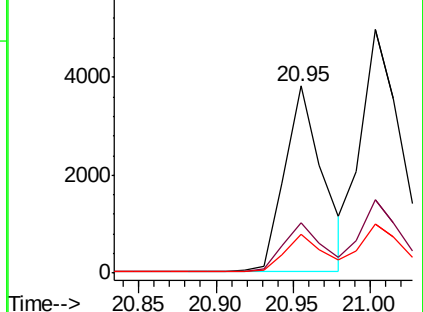
229 20.5 16.0 24.0

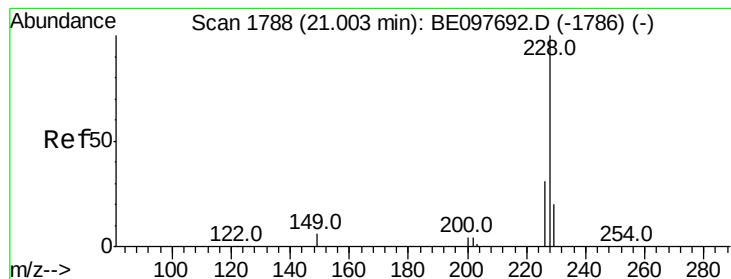


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.408 ng

RT: 21.00 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BE097696.D

Acq: 27 Sep 2018 16:17

Instrument :

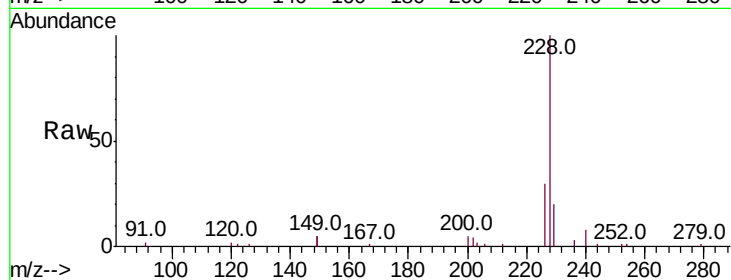
BNA_E

ClientSampleId :

ICVBE092718

Tot Ion:228 Resp: 9195

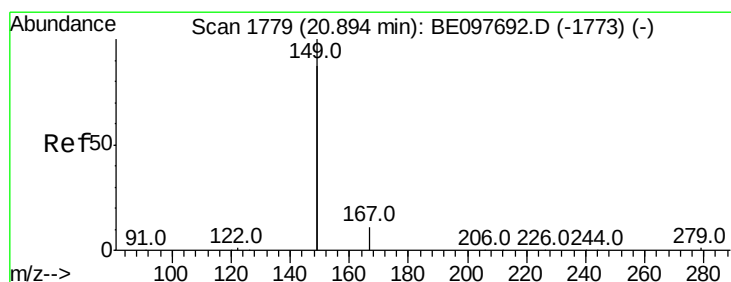
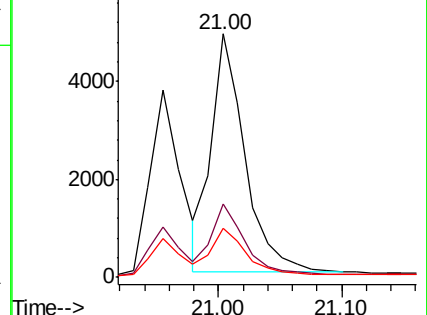
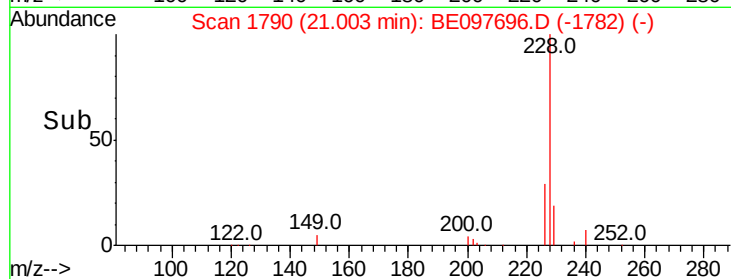
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	20.0	16.0	24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.323 ng

RT: 20.89 min Scan# 1781

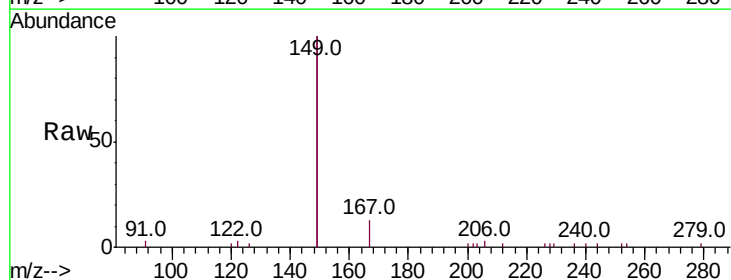
Delta R.T. 0.00 min

Lab File: BE097696.D

Acq: 27 Sep 2018 16:17

Tgt Ion:149 Resp: 7181

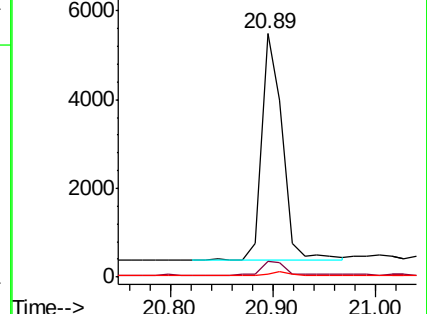
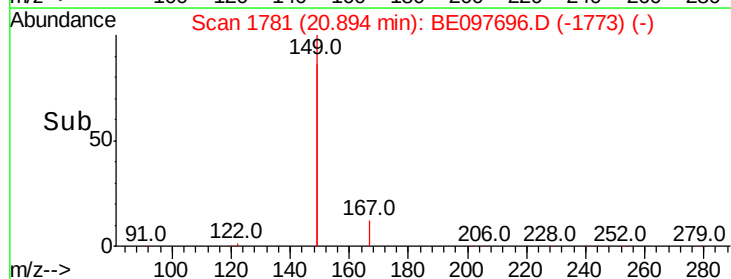
Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.0	0.7	1.1

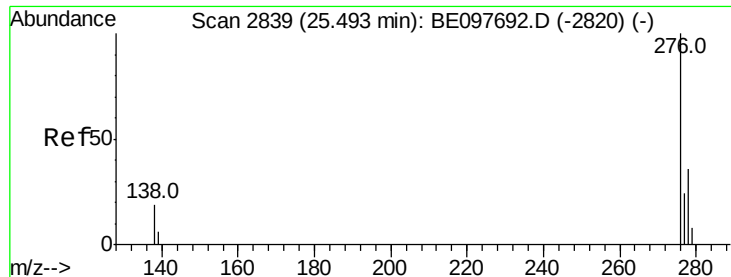


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

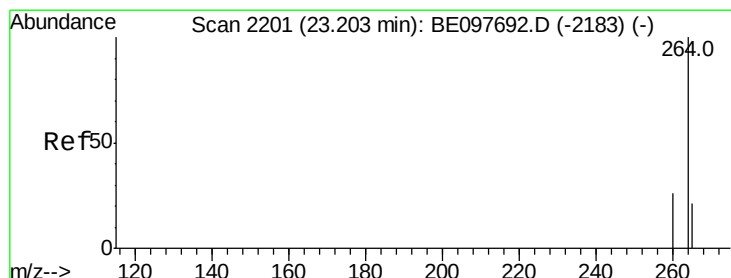
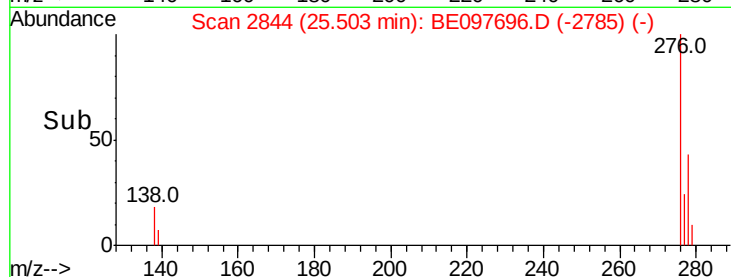
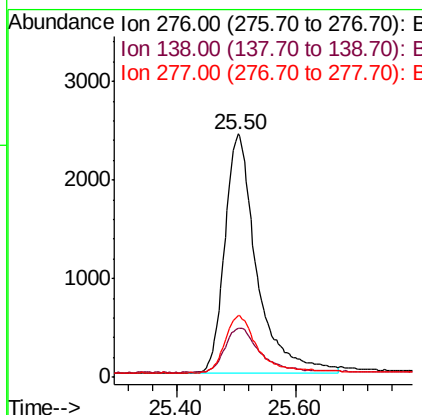
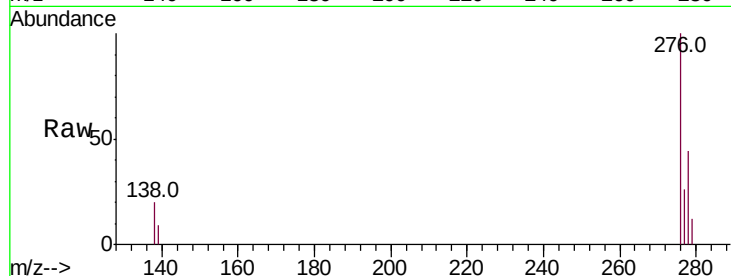




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.377 ng
 RT: 25.50 min Scan# 2844
 Delta R.T. 0.01 min
 Lab File: BE097696.D
 Acq: 27 Sep 2018 16:17

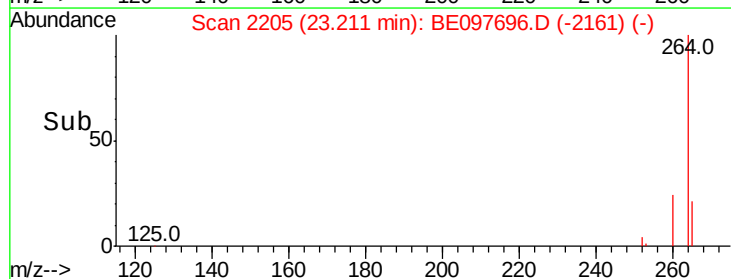
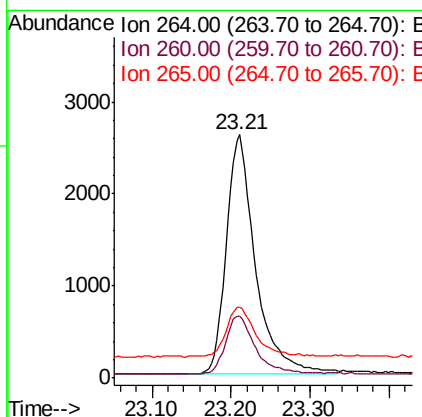
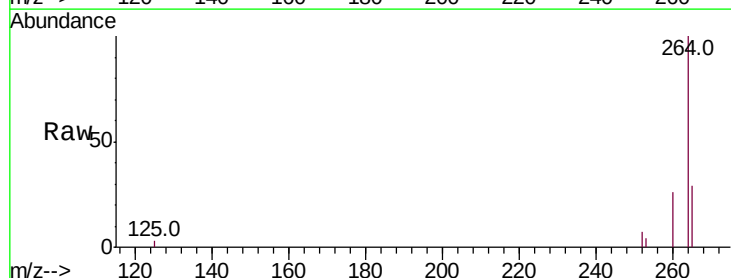
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE092718

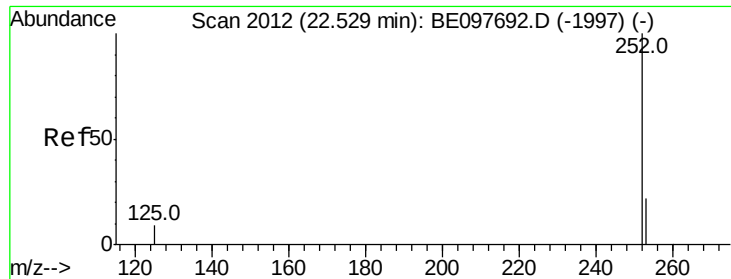
Tot Ion:276 Resp: 8962
 Ion Ratio Lower Upper
 276 100
 138 20.8 22.5 33.7#
 277 24.0 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2205
 Delta R.T. 0.01 min
 Lab File: BE097696.D
 Acq: 27 Sep 2018 16:17

Tgt Ion:264 Resp: 6649
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.5 30.7
 265 29.2 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.386 ng

RT: 22.53 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE097696.D

Acq: 27 Sep 2018 16:17

Instrument :

BNA_E

ClientSampleId :

ICVBE092718

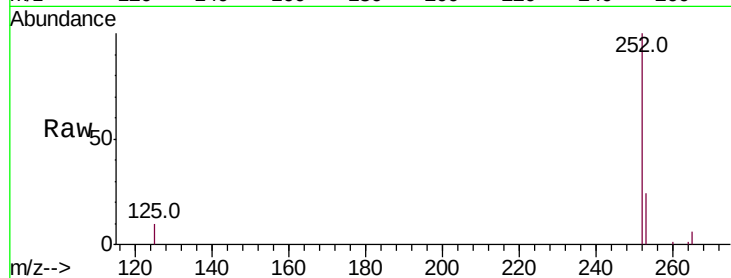
Tot Ion:252 Resp: 7427

Ion Ratio Lower Upper

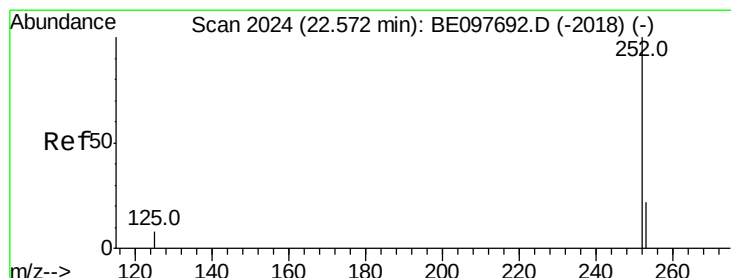
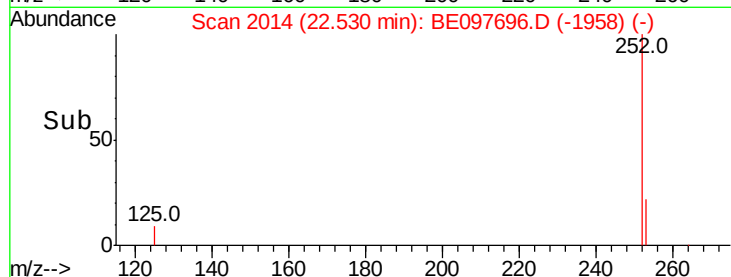
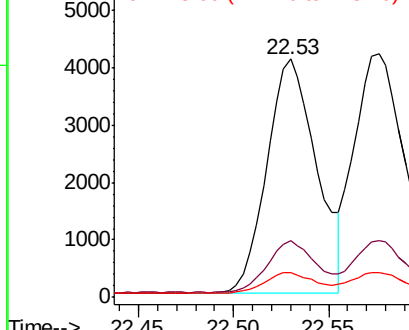
252 100

253 23.6 20.0 30.0

125 10.5 16.0 24.0#



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



#36

Benzo(k)fluoranthene

Concen: 0.388 ng

RT: 22.58 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE097696.D

Acq: 27 Sep 2018 16:17

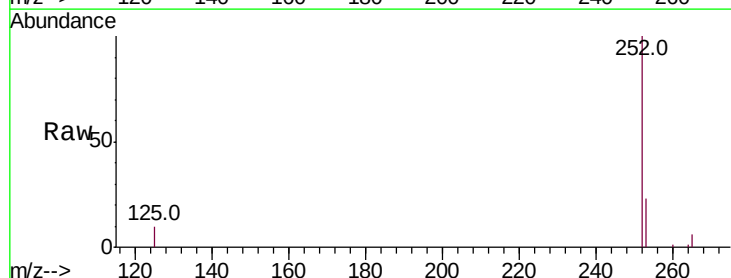
Tgt Ion:252 Resp: 8601

Ion Ratio Lower Upper

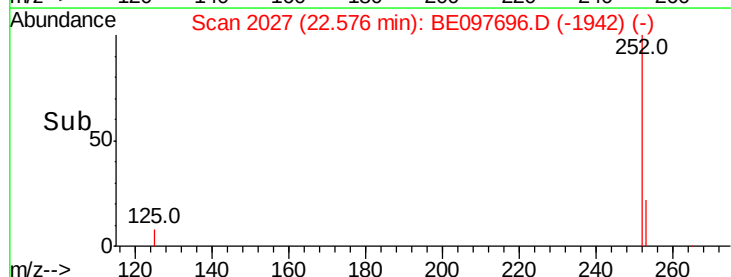
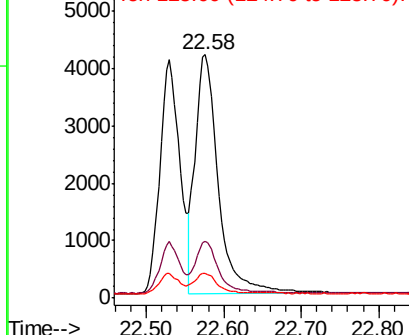
252 100

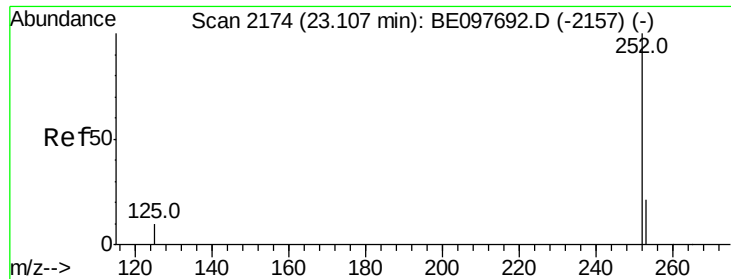
253 23.4 16.0 24.0

125 10.2 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: 0.369 ng

RT: 23.11 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BE097696.D

Acq: 27 Sep 2018 16:17

Instrument :

BNA_E

ClientSampleId :

ICVBE092718

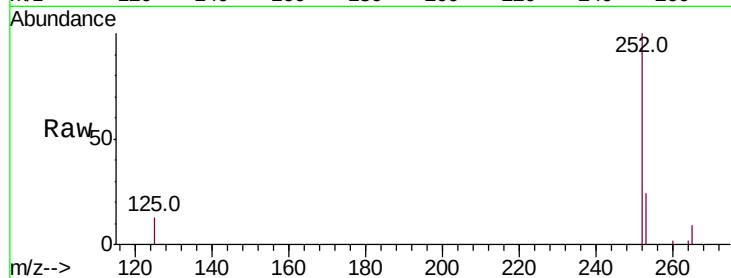
Tot Ion:252 Resp: 6800

Ion Ratio Lower Upper

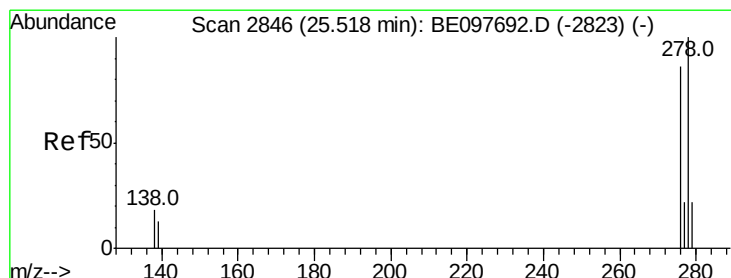
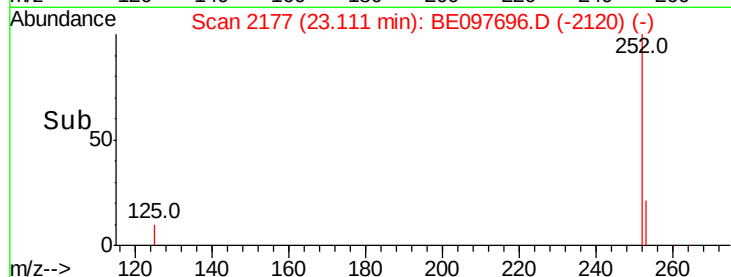
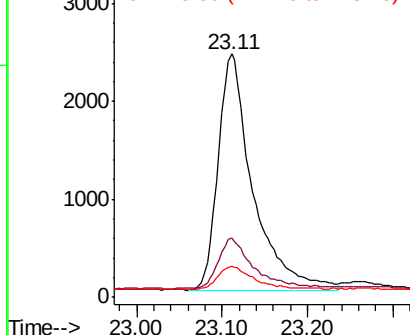
252 100

253 24.2 16.0 24.0#

125 12.9 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: 0.372 ng

RT: 25.52 min Scan# 2850

Delta R.T. 0.01 min

Lab File: BE097696.D

Acq: 27 Sep 2018 16:17

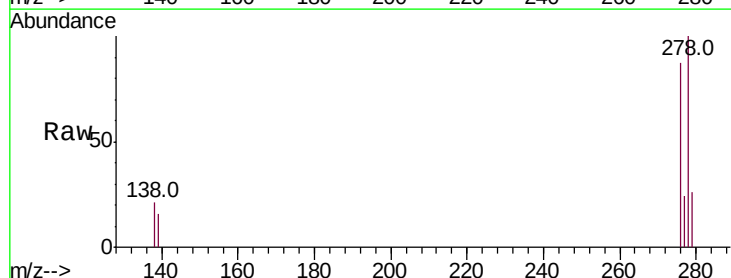
Tgt Ion:278 Resp: 7431

Ion Ratio Lower Upper

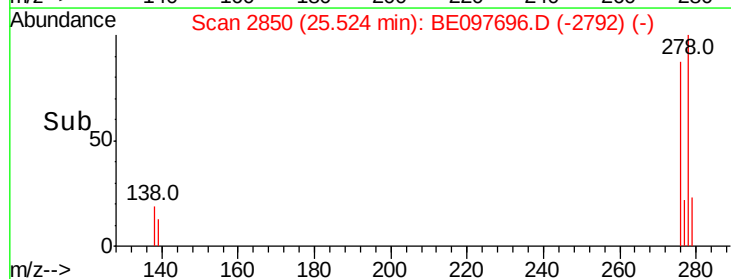
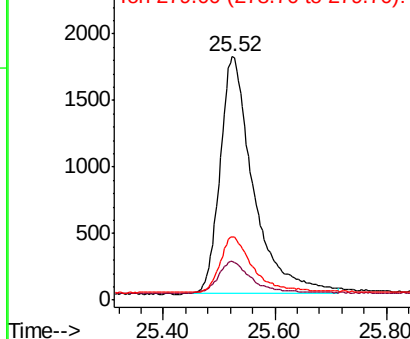
278 100

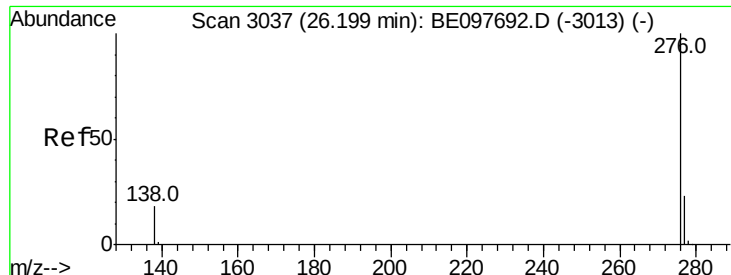
139 16.0 16.0 24.0#

279 25.8 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: 0.379 ng

RT: 26.21 min Scan# 3041

Delta R.T. 0.01 min

Lab File: BE097696.D

Acq: 27 Sep 2018 16:17

Instrument :

BNA_E

ClientSampleId :

ICVBE092718

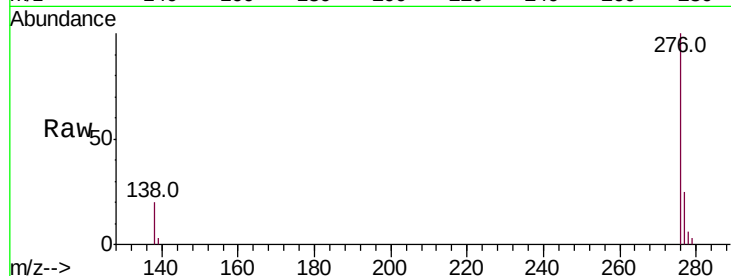
Tot Ion:276 Resp: 7676

Ion Ratio Lower Upper

276 100

277 25.3 16.0 24.0#

138 20.0 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

2500 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

