

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
 Data File : BE097068.D
 Acq On : 24 Jul 2018 11:20
 Operator : SJ/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Quant Time: Jul 24 11:59:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 24 11:09:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1219	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6173	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	4074	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	10415	0.40	ng	0.00
27) Chrysene-d12	20.98	240	10640	0.40	ng	0.00
34) Perylene-d12	23.21	264	8522	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	5517	1.89	ng	0.00
5) Phenol-d6	6.60	99	8612	1.94	ng	0.00
8) Nitrobenzene-d5	8.52	82	9148	2.03	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	15668	1.74	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	2675	2.59	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	23457	1.55	ng	0.00
25) Fluoranthene-d10	18.81	212	185176	2.04	ng	0.00
29) Terphenyl-d14	19.42	244	34807	1.70	ng	0.00

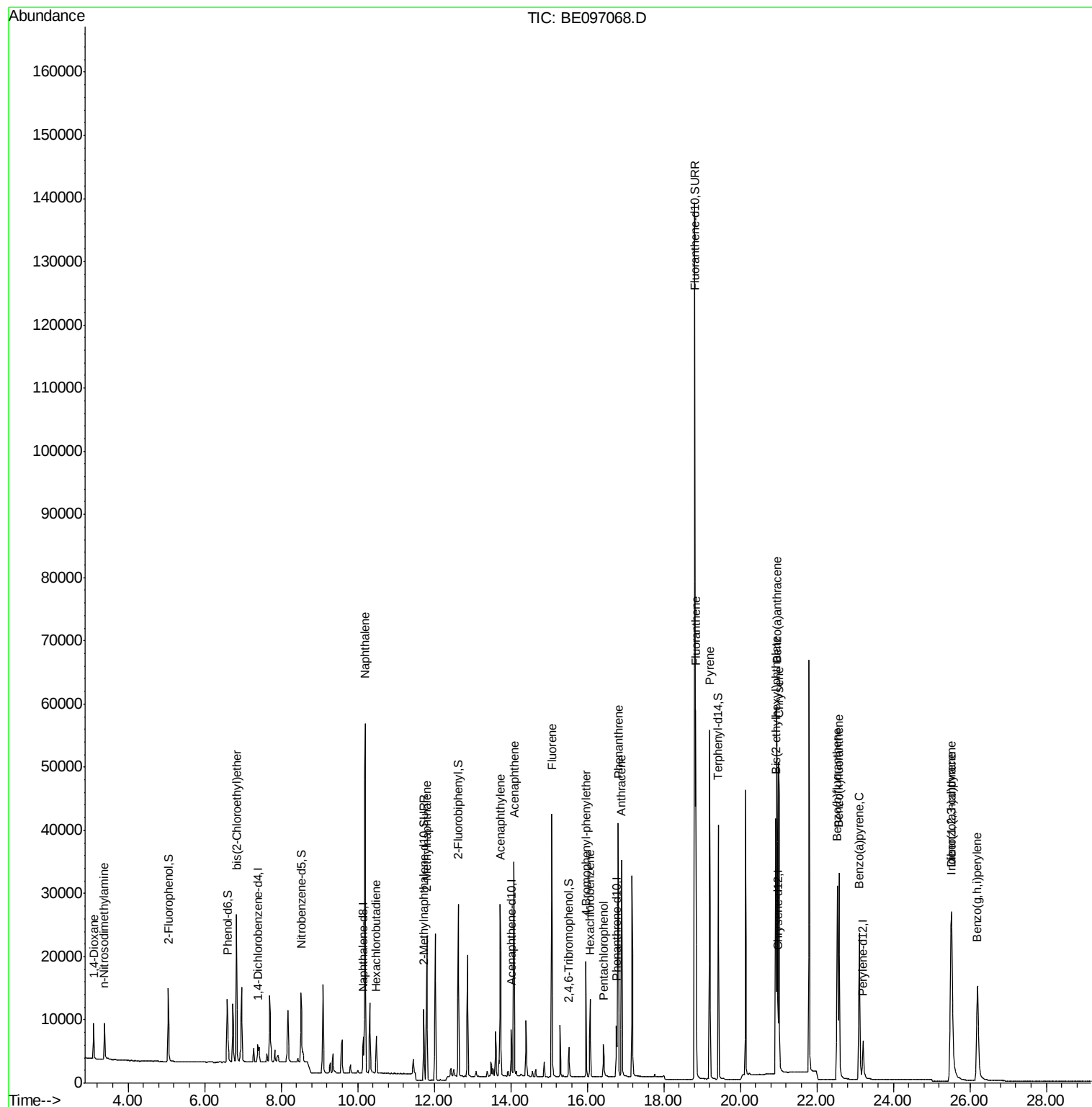
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.09	88	3136	1.797	ng	# 87
3) n-Nitrosodimethylamine	3.37	42	3764	1.917	ng	# 91
6) bis(2-Chloroethyl)ether	6.84	93	7601	1.741	ng	97
9) Naphthalene	10.20	128	92446	1.673	ng	99
10) Hexachlorobutadiene	10.48	225	4154	1.859	ng	97
12) 2-Methylnaphthalene	11.80	142	16294	1.738	ng	100
16) Acenaphthylene	13.73	152	30961	1.664	ng	99
17) Acenaphthene	14.08	154	17981	1.554	ng	93
18) Fluorene	15.08	166	24027	1.850	ng	# 79
20) 4-Bromophenyl-phenylether	15.97	248	8792	1.785	ng	85
21) Hexachlorobenzene	16.08	284	9309	1.702	ng	# 83
22) Pentachlorophenol	16.43	266	2809	3.130	ng	# 73
23) Phenanthrene	16.81	178	42549	1.706	ng	99
24) Anthracene	16.89	178	39906	1.839	ng	96
26) Fluoranthene	18.84	202	50123	1.905	ng	98
28) Pyrene	19.20	202	48607	1.548	ng	99
30) Benzo(a)anthracene	20.95	228	45594	1.800	ng	97
31) Chrysene	21.00	228	48803	1.717	ng	97
32) Bis(2-ethylhexyl)phthalate	20.93	149	55638	2.200	ng	99
33) Indeno(1,2,3-cd)pyrene	25.50	276	44463	2.148	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	38149	1.754	ng	# 86
36) Benzo(k)fluoranthene	22.58	252	46419	1.794	ng	96
37) Benzo(a)pyrene	23.11	252	36610	1.882	ng	# 92
38) Dibenzo(a,h)anthracene	25.52	278	37114	2.336	ng	# 93
39) Benzo(g,h,i)perylene	26.20	276	38146	2.157	ng	# 90

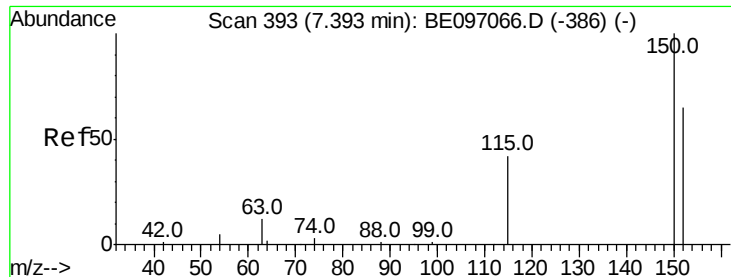
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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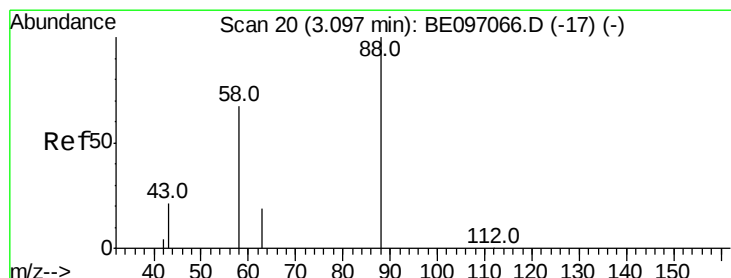
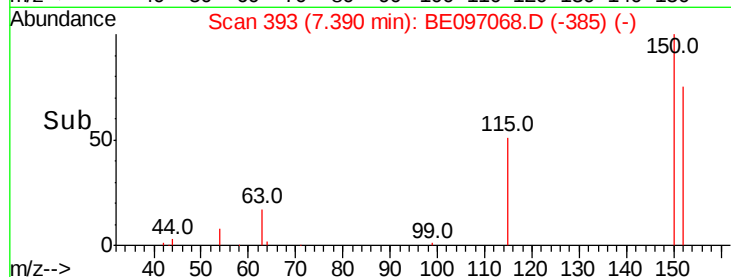
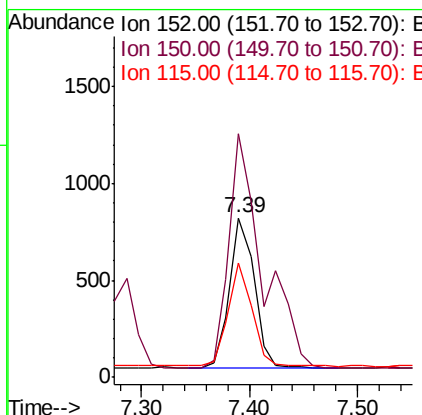
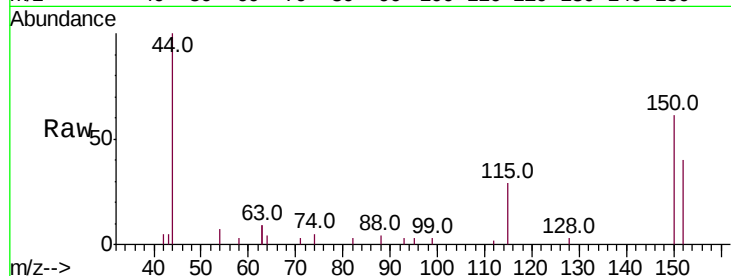




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.39 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: BE097068.D
 Acq: 24 Jul 2018 11:20

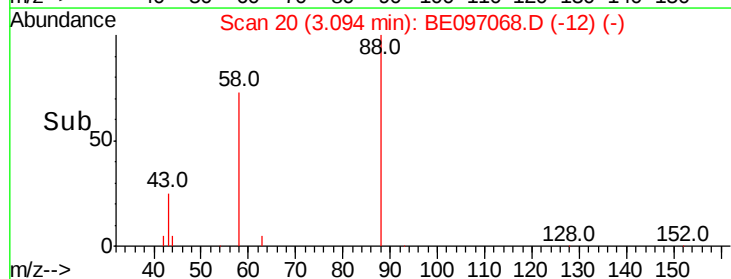
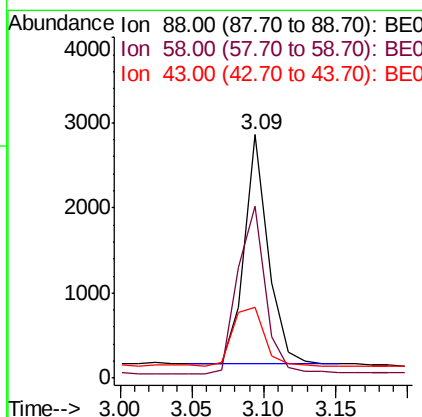
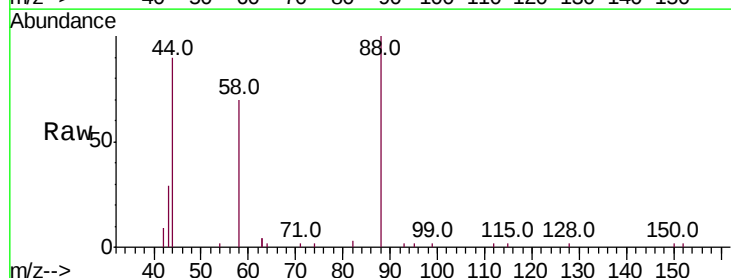
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

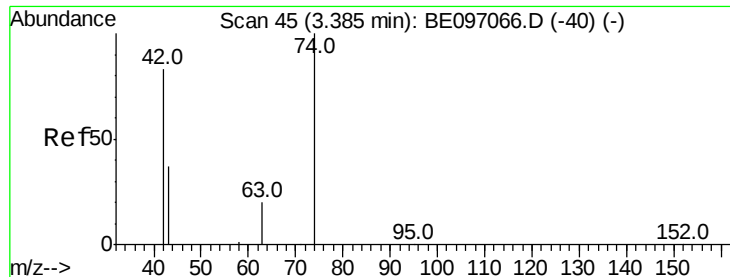
Tot Ion:152 Resp: 1219
 Ion Ratio Lower Upper
 152 100
 150 152.6 117.2 175.8
 115 71.3 57.0 85.6



#2
 1,4-Dioxane
 Concen: 1.797 ng
 RT: 3.09 min Scan# 20
 Delta R.T. -0.00 min
 Lab File: BE097068.D
 Acq: 24 Jul 2018 11:20

Tgt Ion: 88 Resp: 3136
 Ion Ratio Lower Upper
 88 100
 58 84.0 63.2 94.8
 43 34.6 41.2 61.8#





#3

n-Nitrosodimethylamine

Concen: 1.917 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.01 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

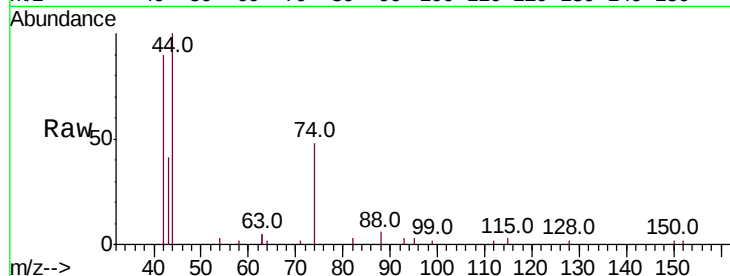
Tot Ion: 42 Resp: 3764

Ion Ratio Lower Upper

42 100

74 112.4 96.0 144.0

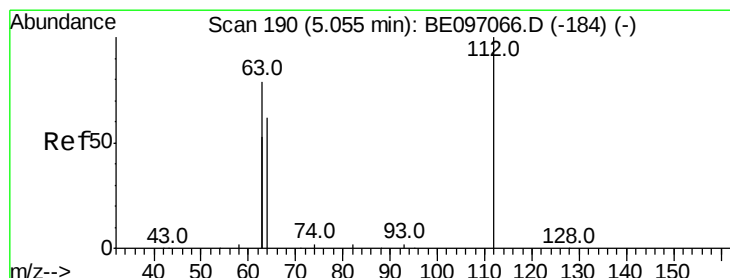
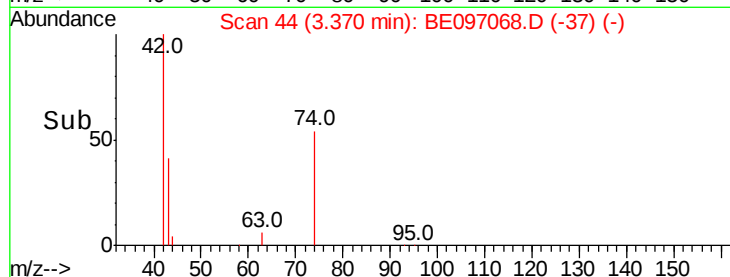
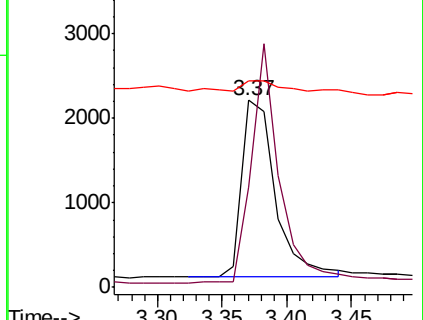
44 4.6 12.0 18.0#



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: 1.892 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

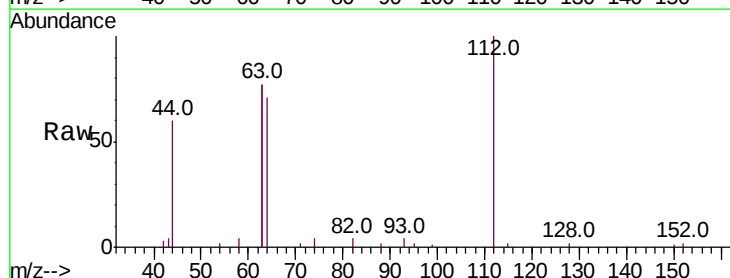
Tgt Ion: 112 Resp: 5517

Ion Ratio Lower Upper

112 100

64 68.3 60.1 90.1

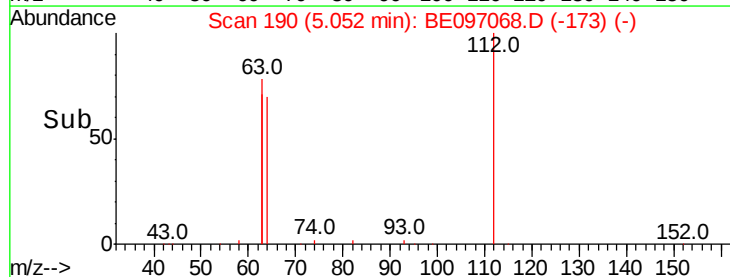
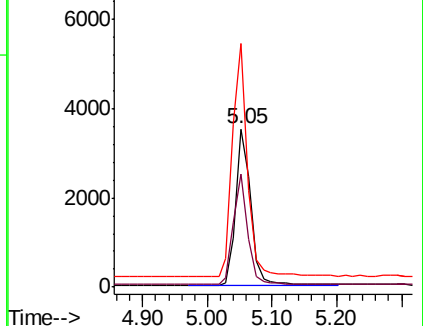
63 149.4 116.8 175.2

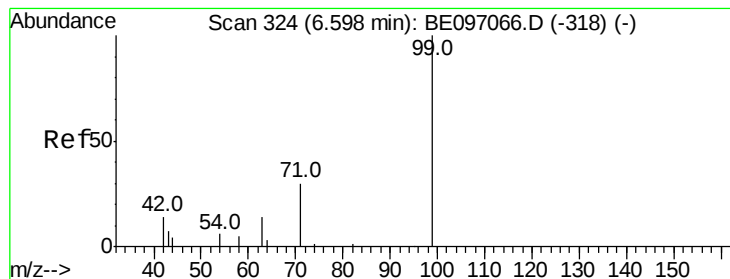


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.935 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

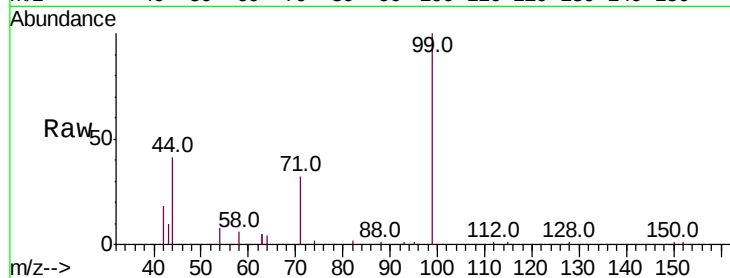
Tot Ion: 99 Resp: 8612

Ion Ratio Lower Upper

99 100

42 23.8 20.2 30.2

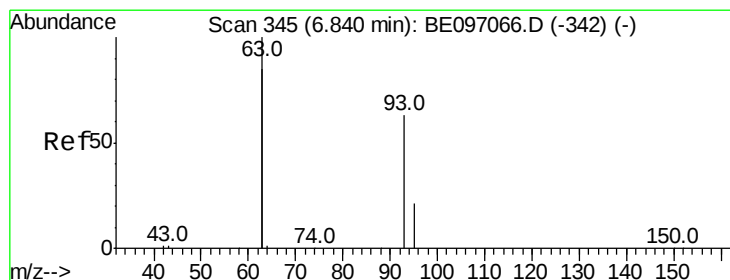
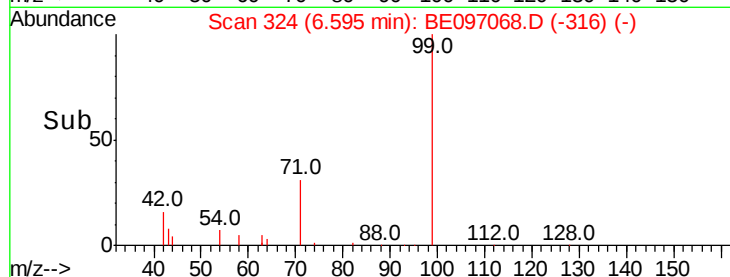
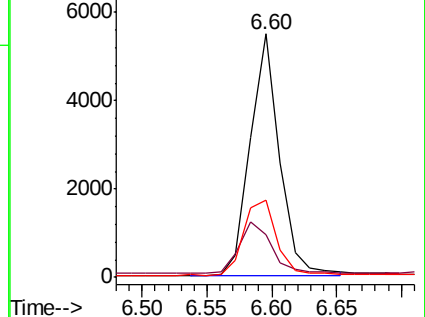
71 35.0 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 1.741 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

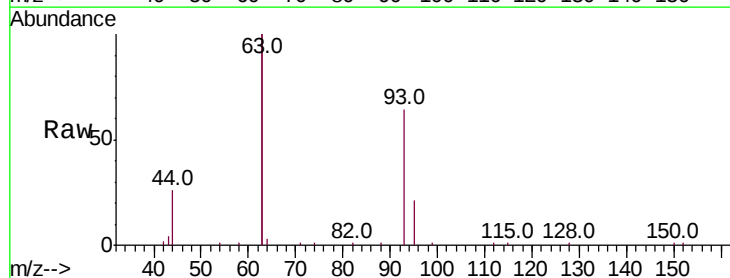
Tgt Ion: 93 Resp: 7601

Ion Ratio Lower Upper

93 100

63 337.7 275.3 412.9

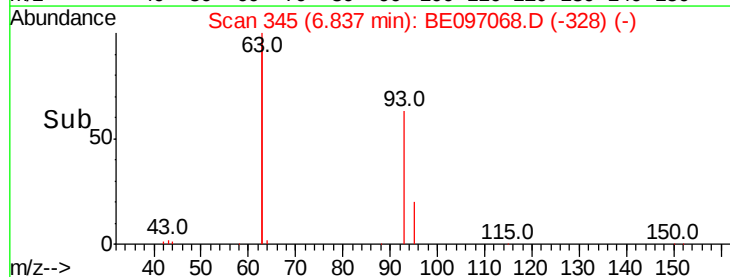
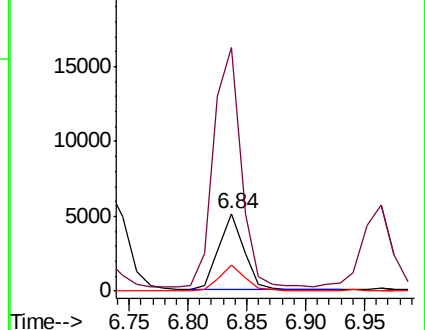
95 32.0 25.2 37.8

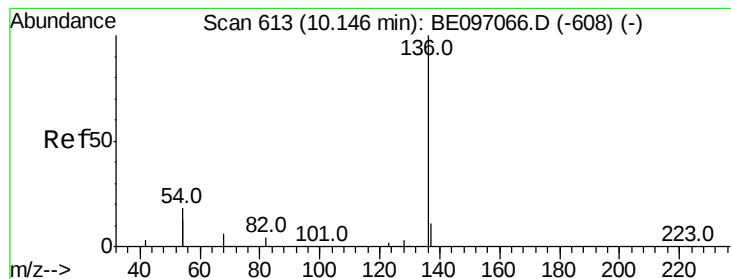


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 6173

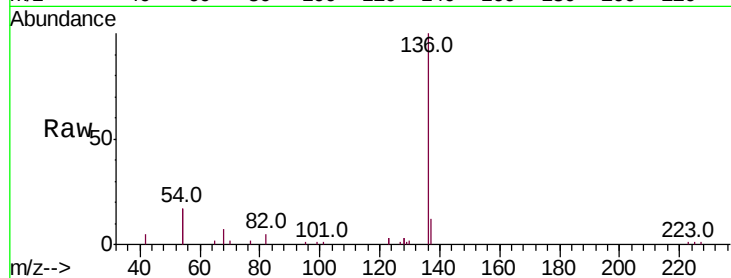
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 34.5 29.1 43.7

68 7.4 6.2 9.2

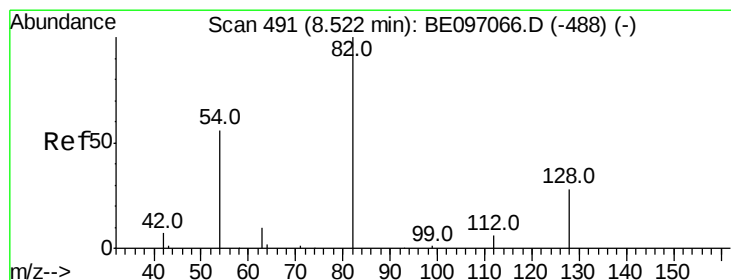
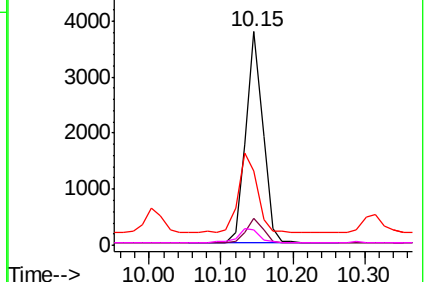
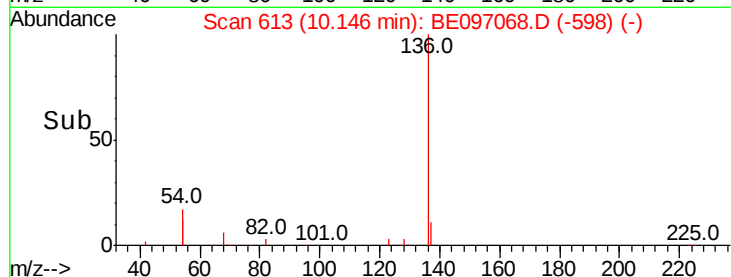


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.032 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

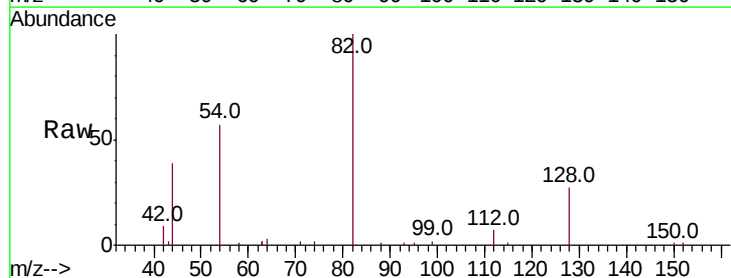
Tgt Ion: 82 Resp: 9148

Ion Ratio Lower Upper

82 100

128 27.3 24.0 36.0

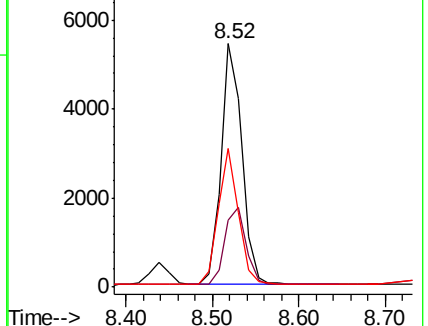
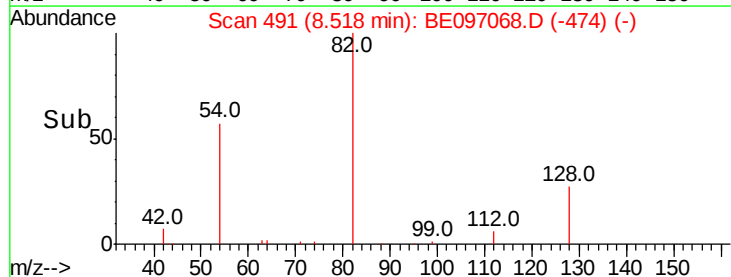
54 57.1 40.0 60.0

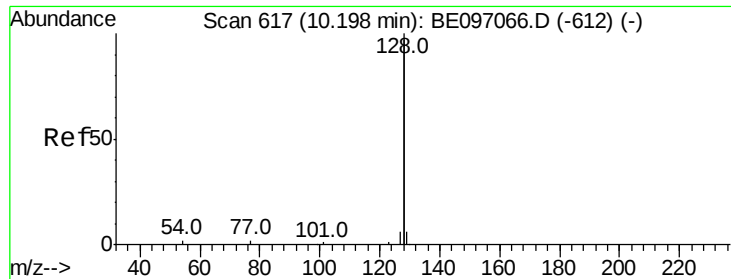


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 1.673 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

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SSTDICC1.6

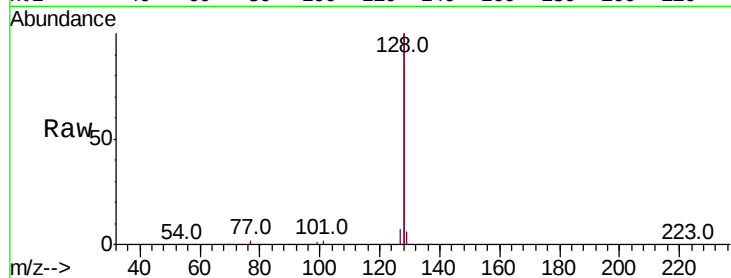
Tot Ion:128 Resp: 92446

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

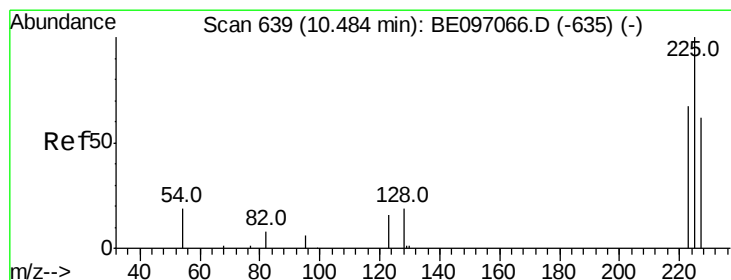
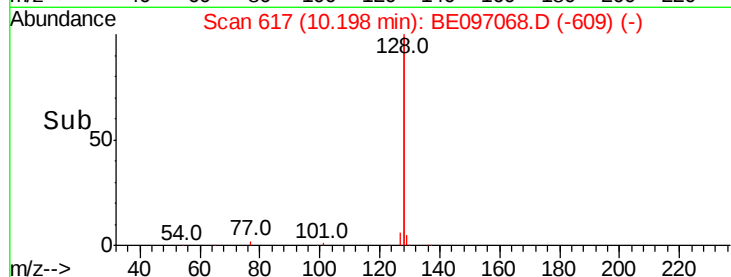
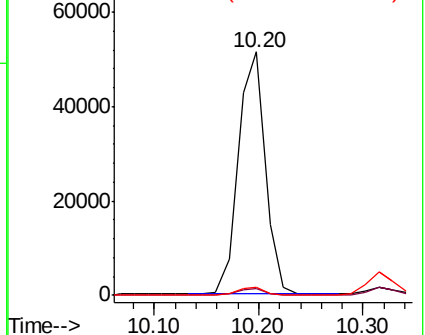
127 3.3 2.8 4.2



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



#10

Hexachlorobutadiene

Concen: 1.859 ng

RT: 10.48 min Scan# 639

Delta R.T. 0.00 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

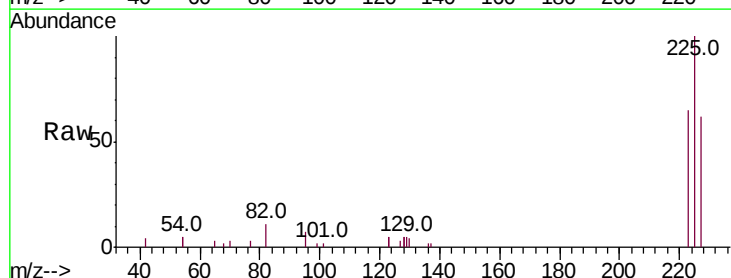
Tgt Ion:225 Resp: 4154

Ion Ratio Lower Upper

225 100

223 62.6 53.0 79.6

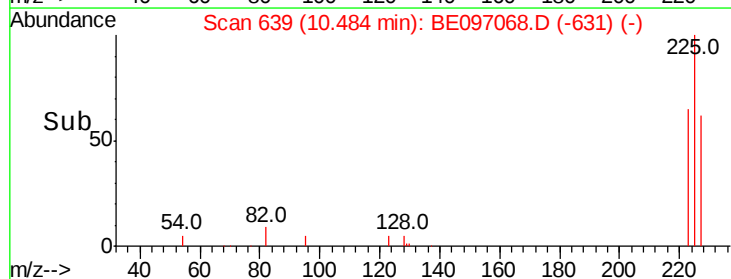
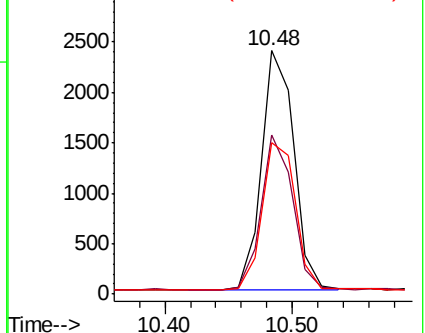
227 63.8 51.4 77.2

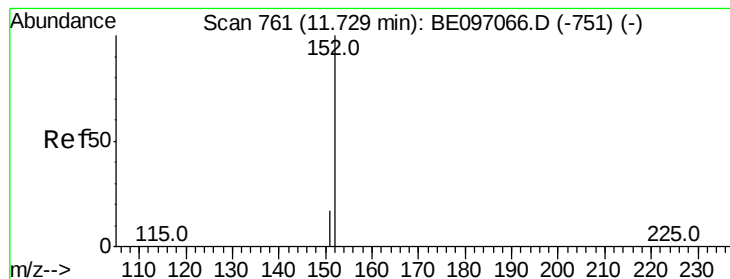


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.741 ng

RT: 11.73 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

Instrument :

BNA_E

ClientSampleId :

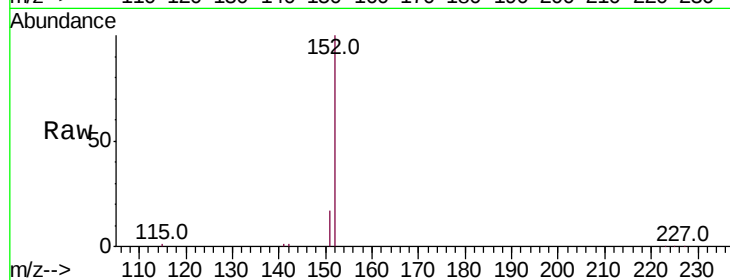
SSTDICC1.6

Tot Ion:152 Resp: 15668

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

11.73

10000

8000

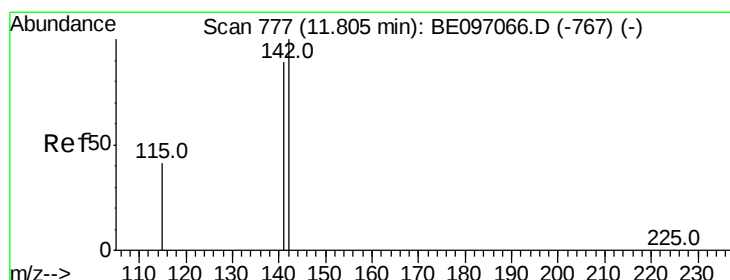
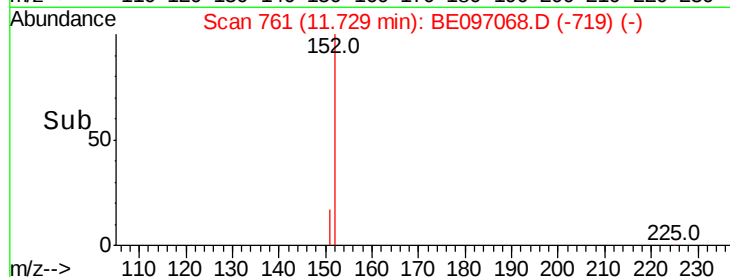
6000

4000

2000

0

Time--> 11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 1.738 ng

RT: 11.80 min Scan# 777

Delta R.T. -0.00 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

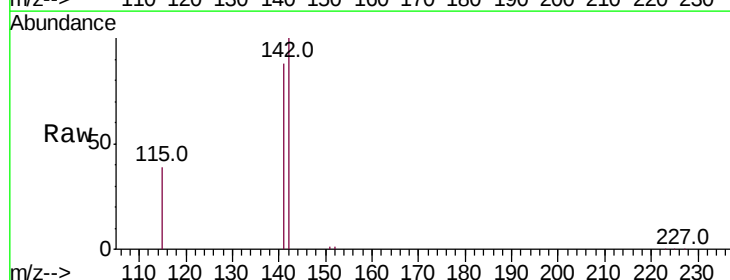
Tgt Ion:142 Resp: 16294

Ion Ratio Lower Upper

142 100

141 87.9 70.4 105.6

115 38.9 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

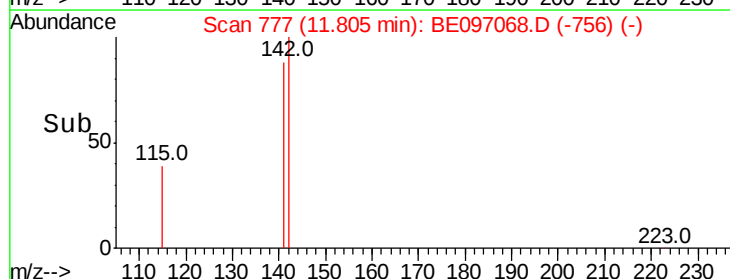
11.80

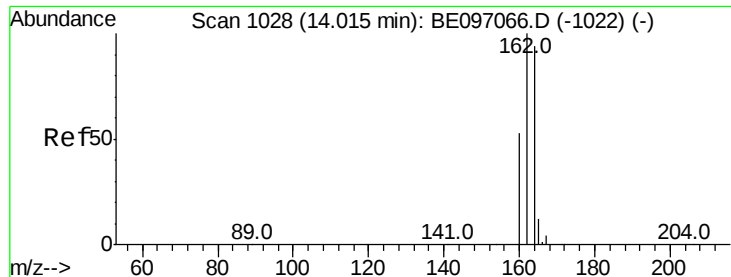
10000

5000

0

Time--> 11.70 11.80 11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

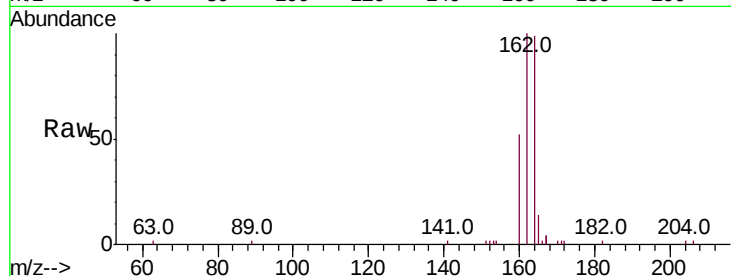
Tot Ion:164 Resp: 4074

Ion Ratio Lower Upper

164 100

162 101.0 83.1 124.7

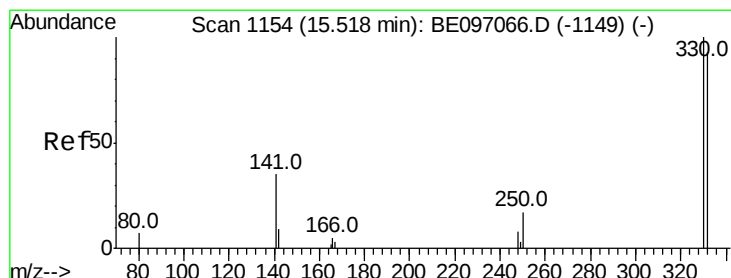
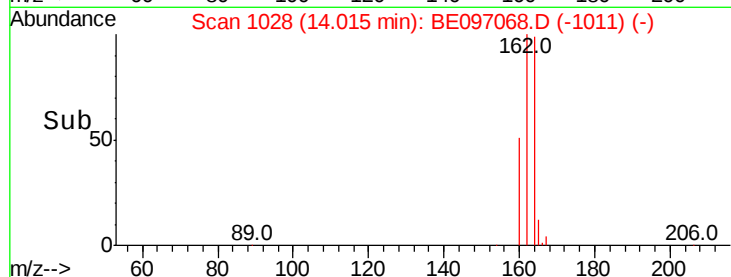
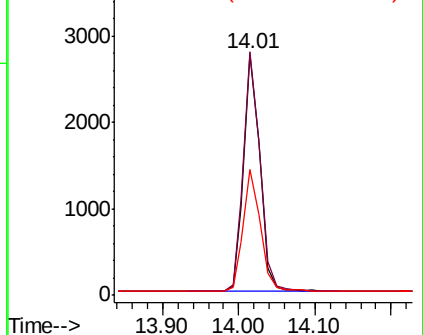
160 52.3 37.1 55.7



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: 2.588 ng

RT: 15.52 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

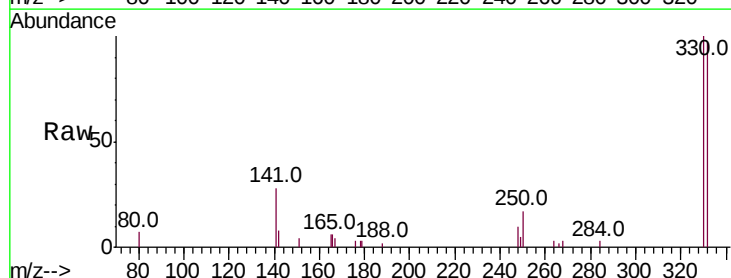
Tgt Ion:330 Resp: 2675

Ion Ratio Lower Upper

330 100

332 96.9 152.7 229.1#

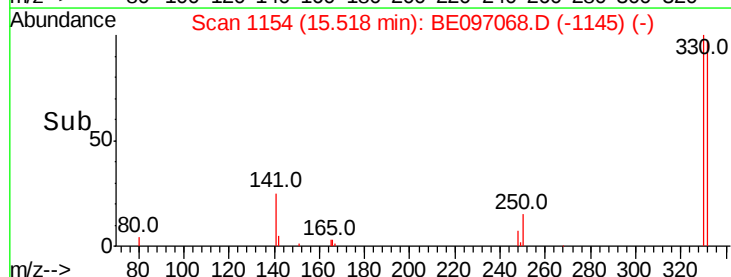
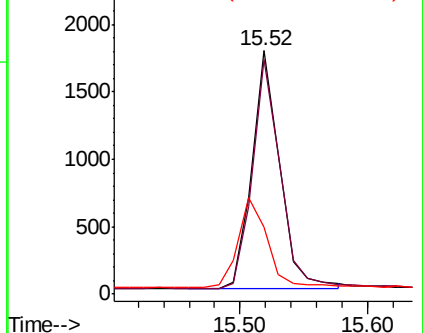
141 39.5 33.7 50.5

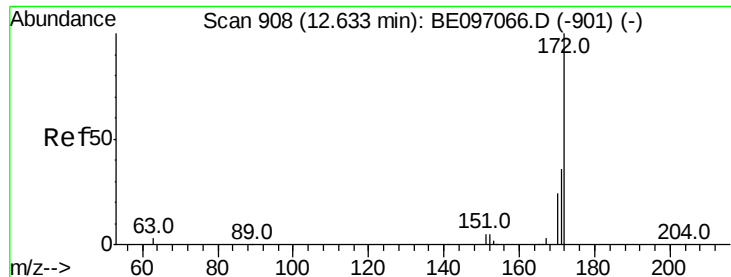


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

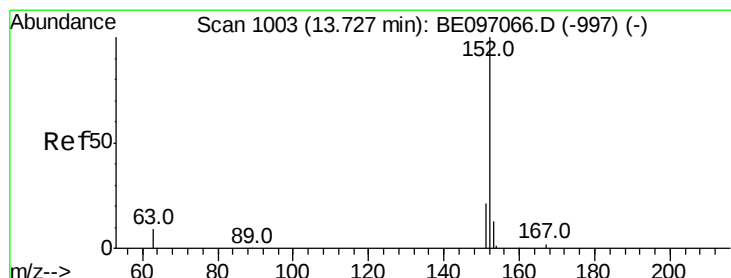
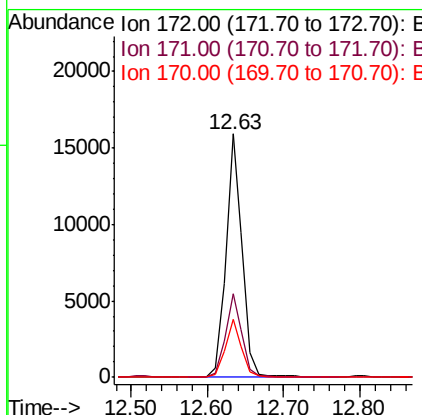
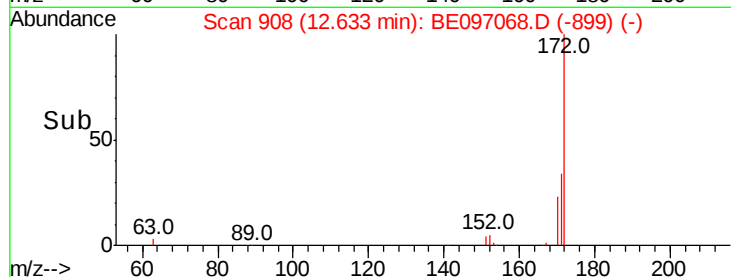
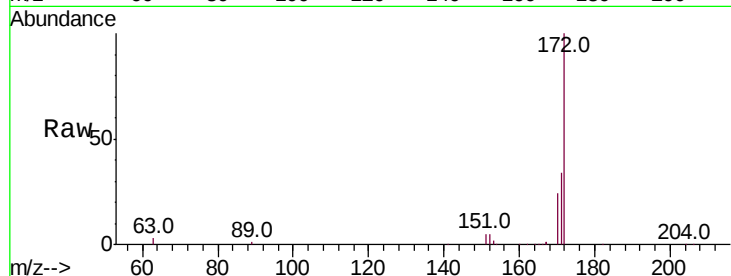




#15
2-Fluorobiphenyl
Concen: 1.548 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

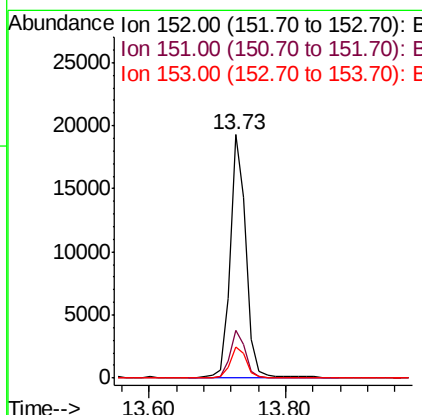
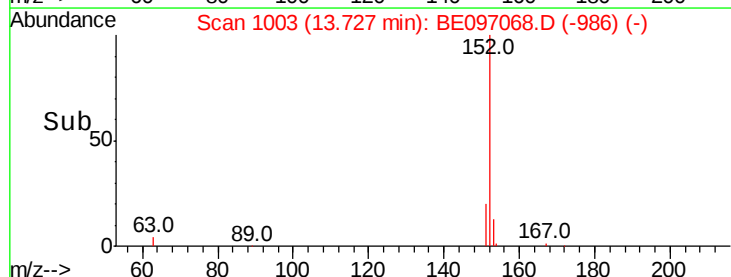
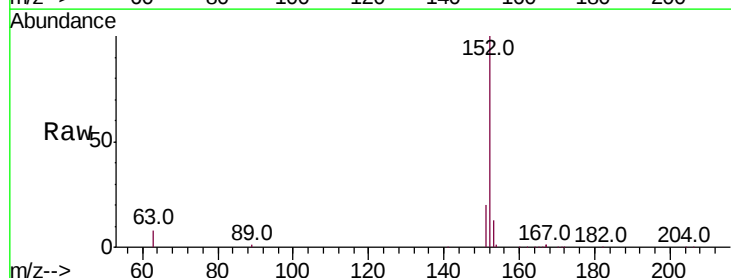
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

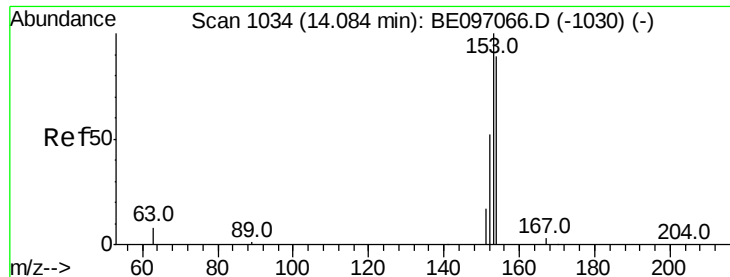
Tot Ion:172 Resp: 23457
Ion Ratio Lower Upper
172 100
171 34.3 29.9 44.9
170 23.6 21.8 32.8



#16
Acenaphthylene
Concen: 1.664 ng
RT: 13.73 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Tgt Ion:152 Resp: 30961
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 1.554 ng

RT: 14.08 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

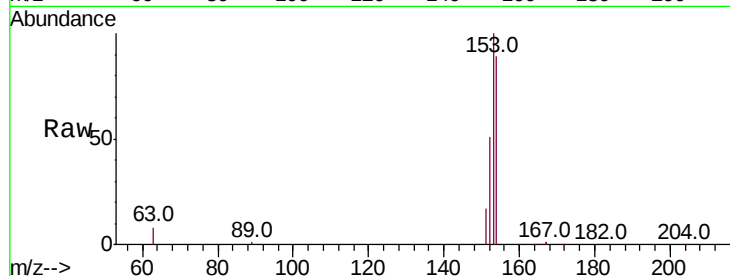
Tot Ion:154 Resp: 17981

Ion Ratio Lower Upper

154 100

153 116.3 89.2 133.8

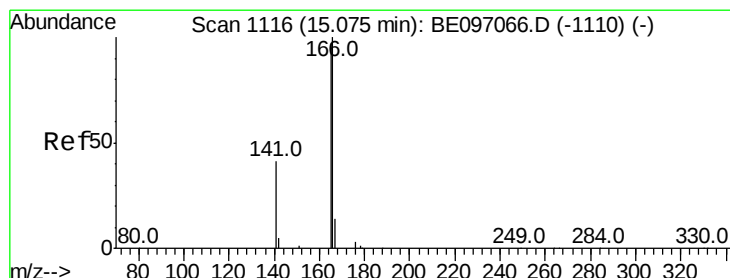
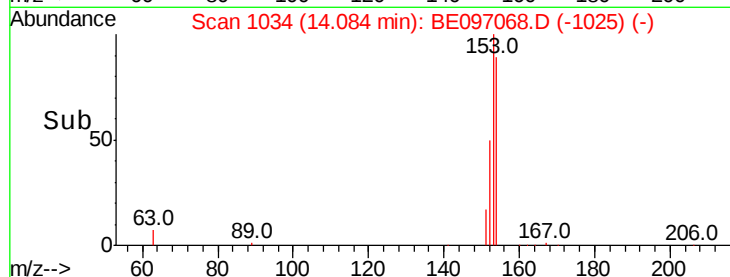
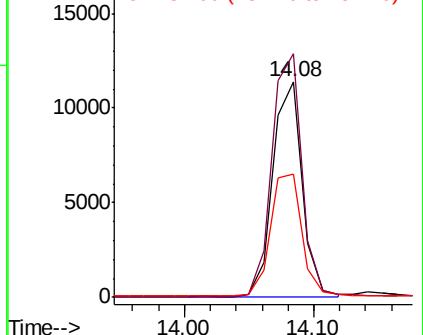
152 62.0 42.0 63.0



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: 1.850 ng

RT: 15.08 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

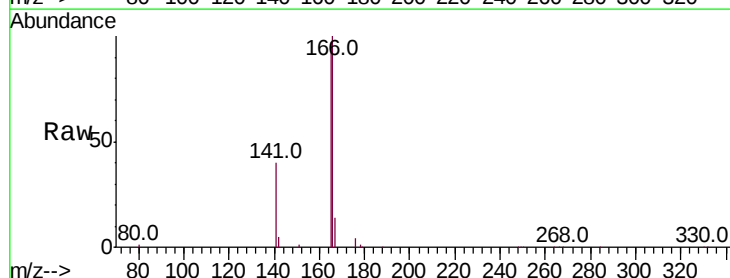
Tgt Ion:166 Resp: 24027

Ion Ratio Lower Upper

166 100

165 99.6 77.8 116.6

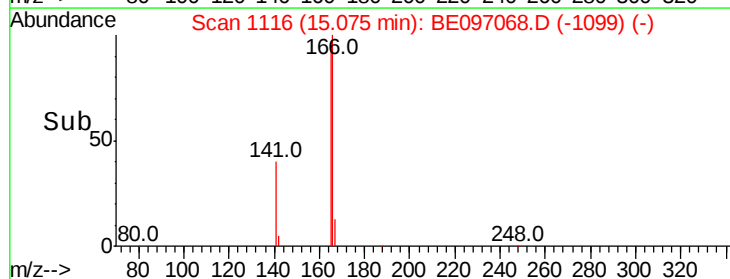
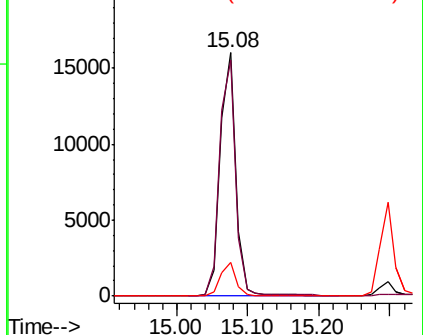
167 13.3 42.4 63.6#

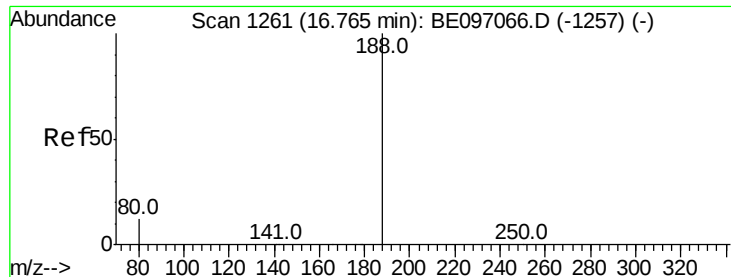


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1261

Delta R.T. -0.00 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

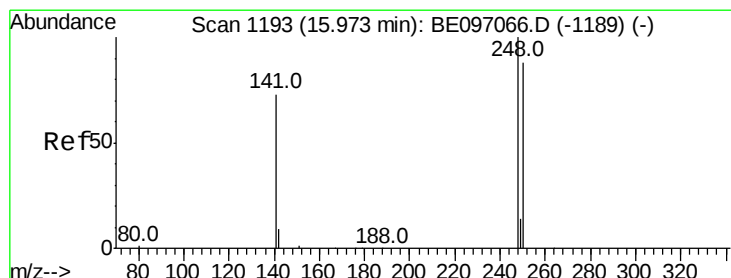
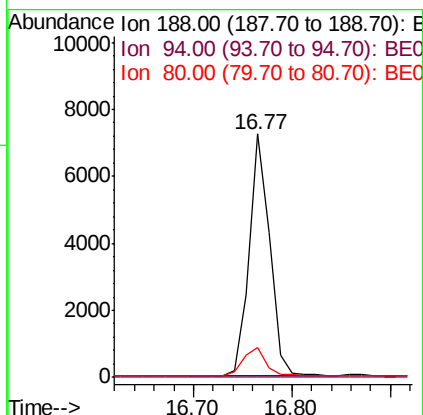
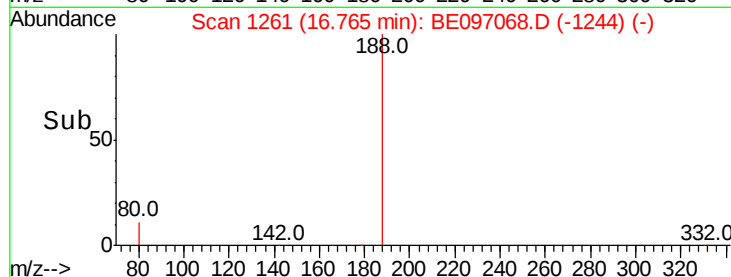
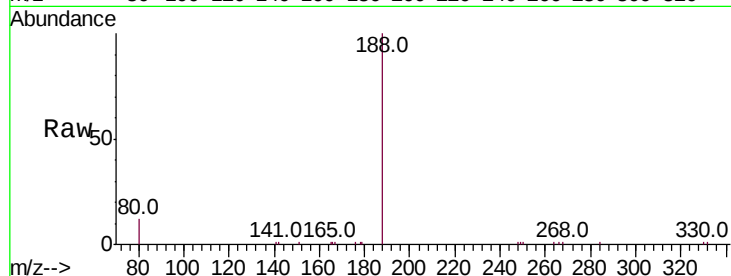
Tot Ion:188 Resp: 10415

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 12.2 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 1.785 ng

RT: 15.97 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

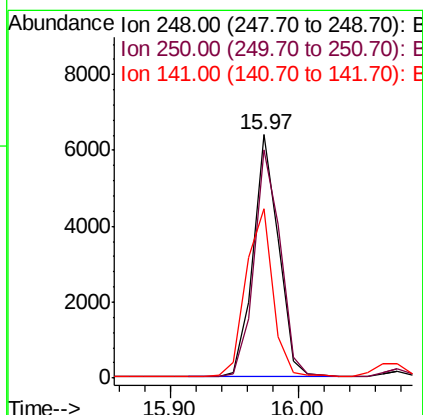
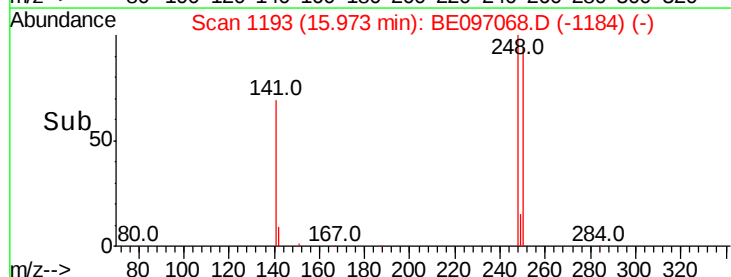
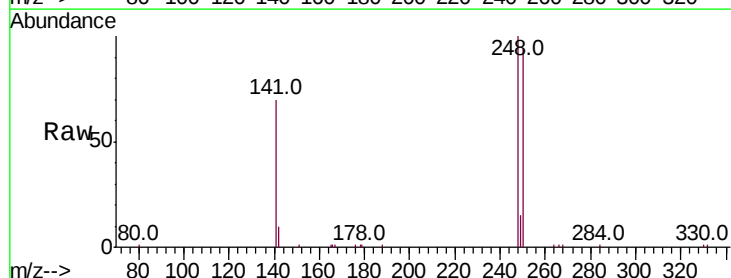
Tgt Ion:248 Resp: 8792

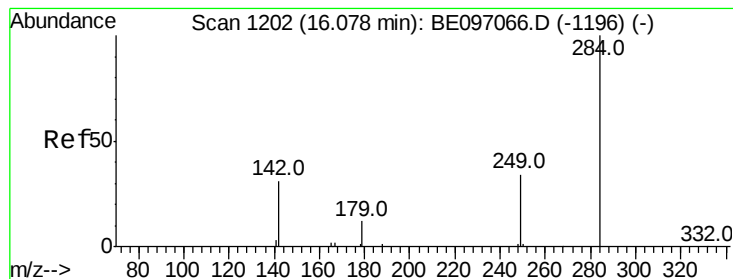
Ion Ratio Lower Upper

248 100

250 93.6 62.7 94.1

141 69.7 48.2 72.2





#21

Hexachlorobenzene

Concen: 1.702 ng

RT: 16.08 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

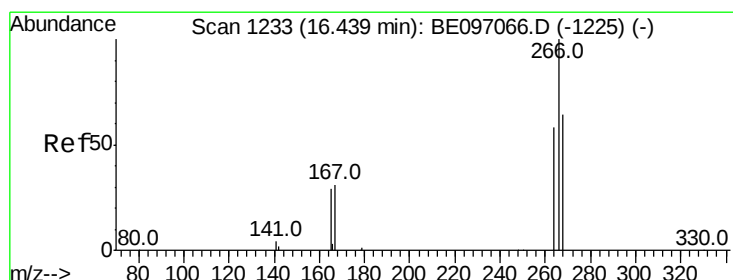
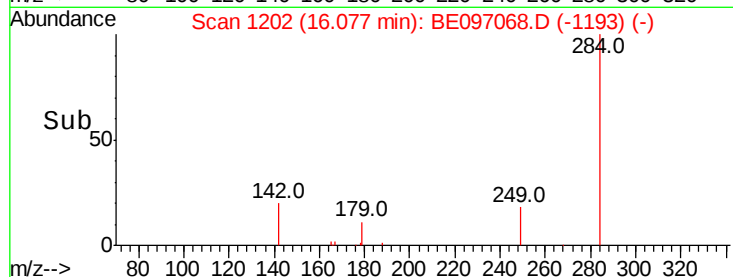
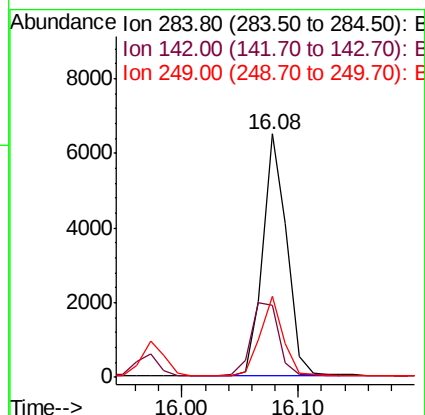
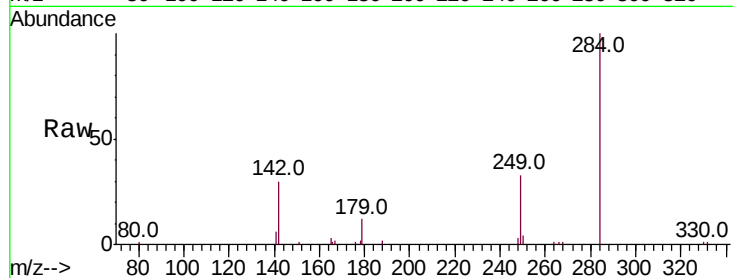
Tot Ion:284 Resp: 9309

Ion Ratio Lower Upper

284 100

142 34.8 22.1 33.1#

249 31.2 34.8 52.2#



#22

Pentachlorophenol

Concen: 3.130 ng

RT: 16.43 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

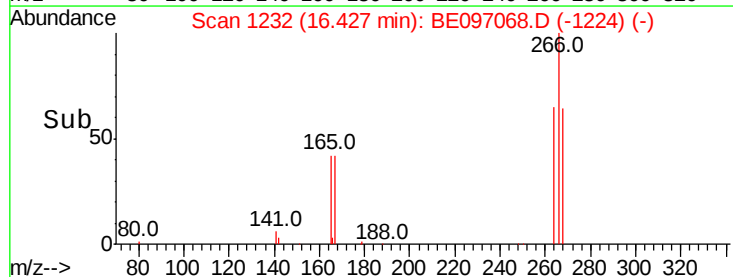
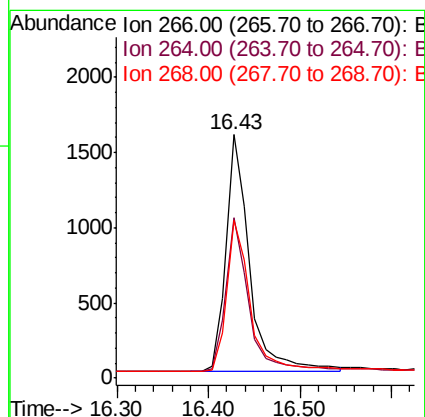
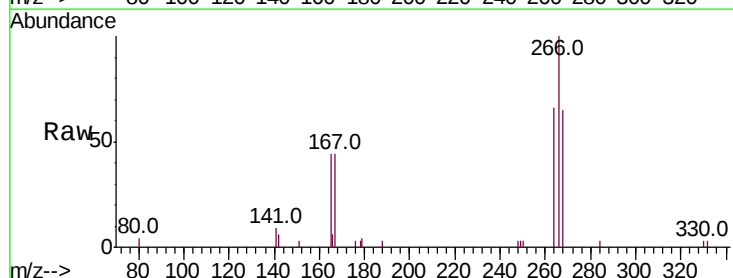
Tgt Ion:266 Resp: 2809

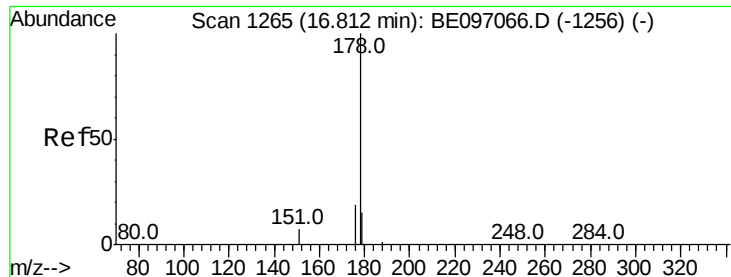
Ion Ratio Lower Upper

266 100

264 65.7 72.5 108.7#

268 65.0 73.8 110.6#





#23

Phenanthrene

Concen: 1.706 ng

RT: 16.81 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

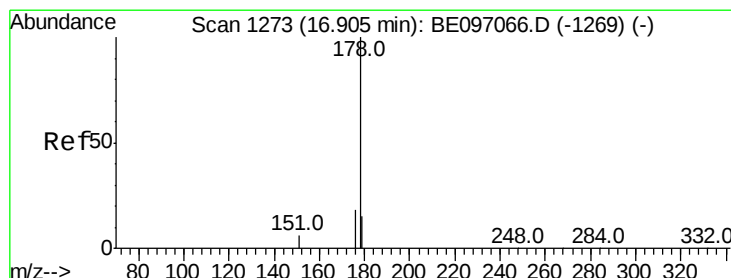
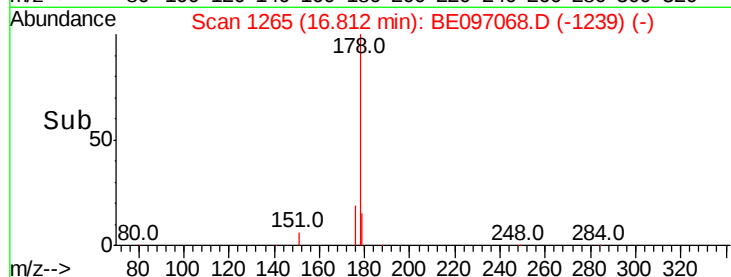
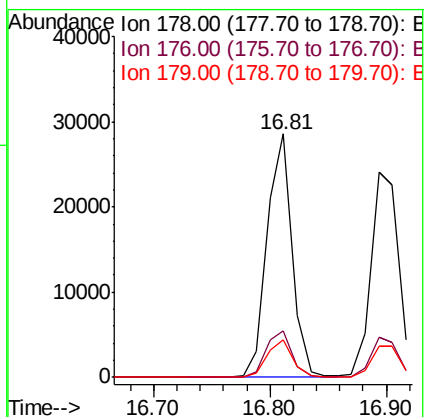
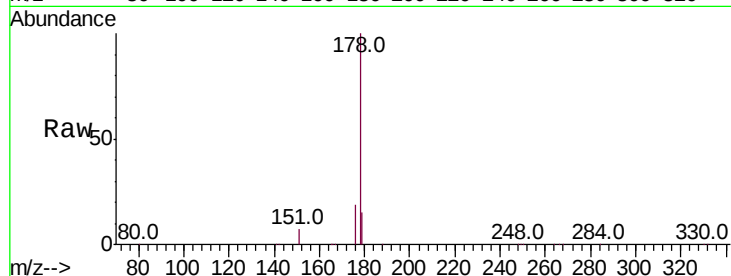
Tot Ion:178 Resp: 42549

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

179 15.1 11.8 17.6



#24

Anthracene

Concen: 1.839 ng

RT: 16.89 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

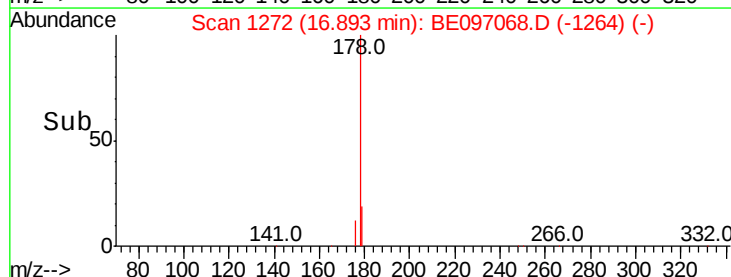
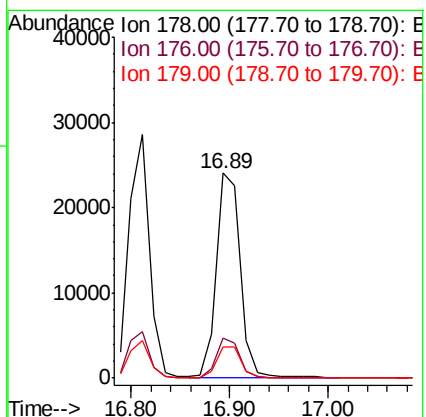
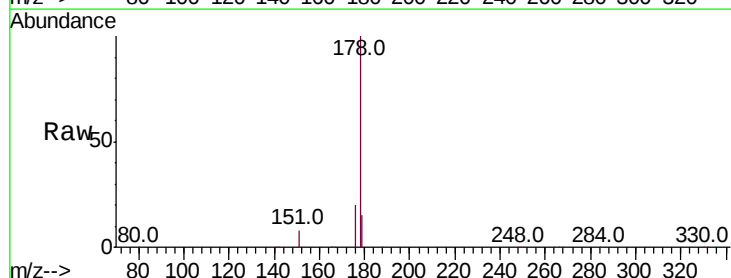
Tgt Ion:178 Resp: 39906

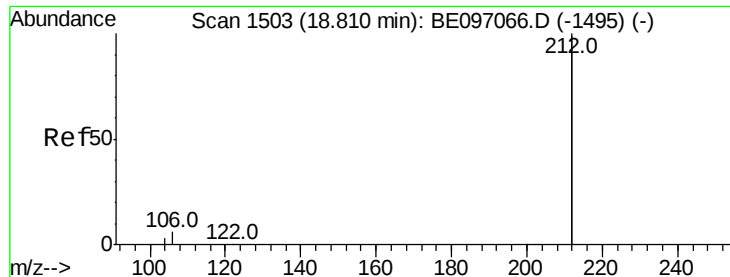
Ion Ratio Lower Upper

178 100

176 18.7 12.8 19.2

179 15.4 13.0 19.6





#25

Fluoranthene-d10

Concen: 2.043 ng

RT: 18.81 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

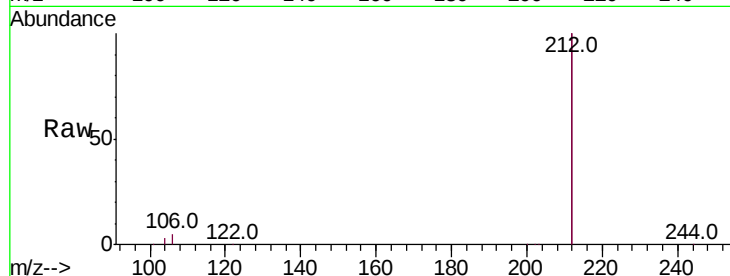
Tot Ion:212 Resp: 185176

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

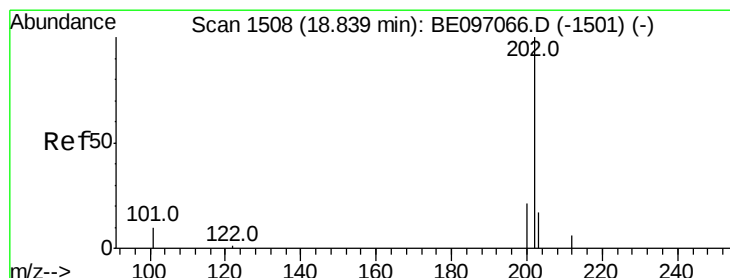
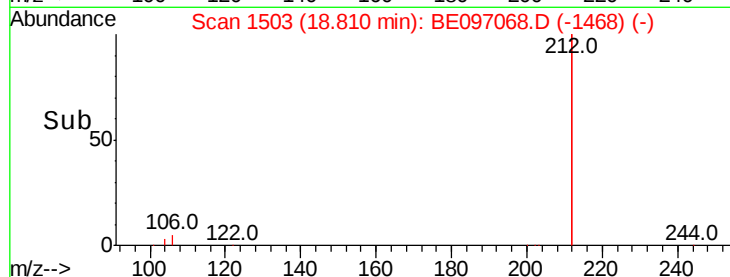
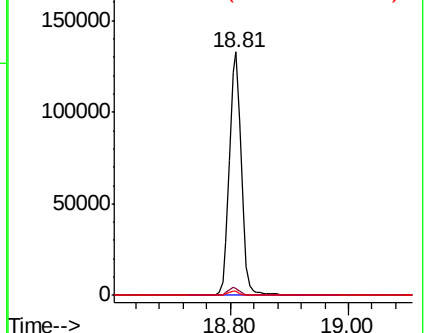
104 1.7 1.6 2.4



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: 1.905 ng

RT: 18.84 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

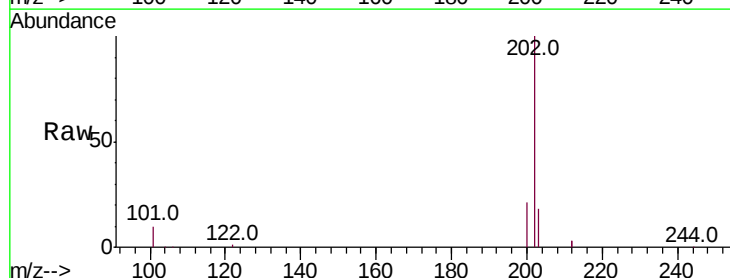
Tgt Ion:202 Resp: 50123

Ion Ratio Lower Upper

202 100

101 10.6 9.8 14.8

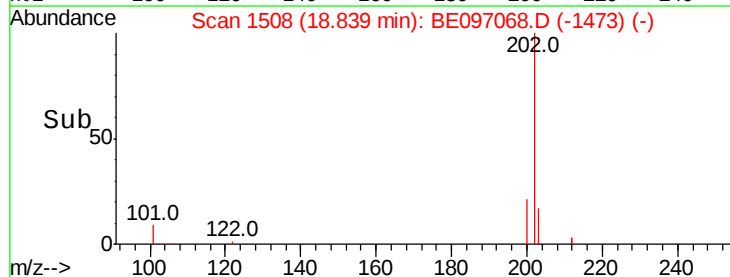
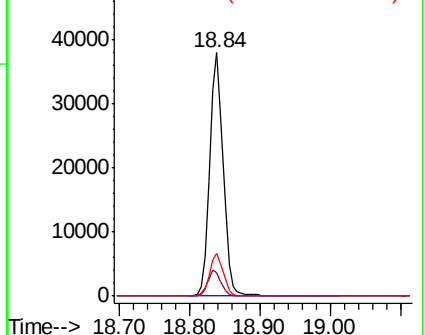
203 17.5 13.7 20.5

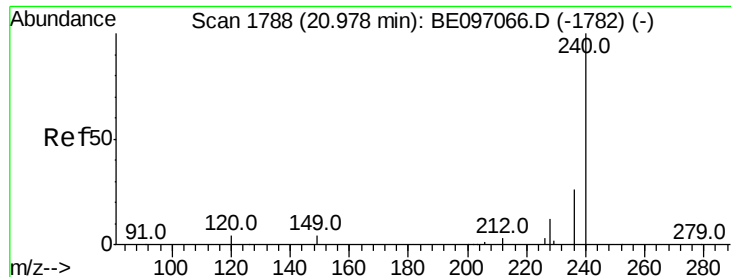


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

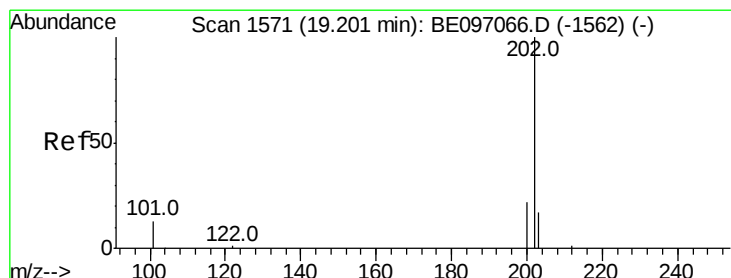
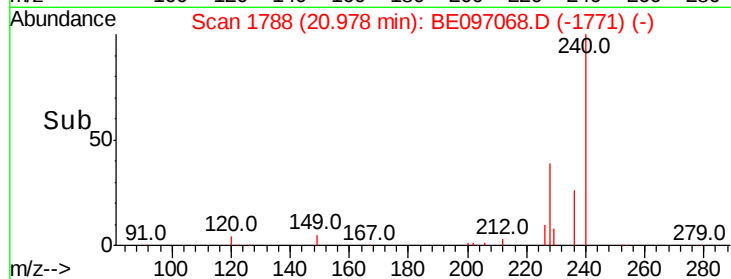
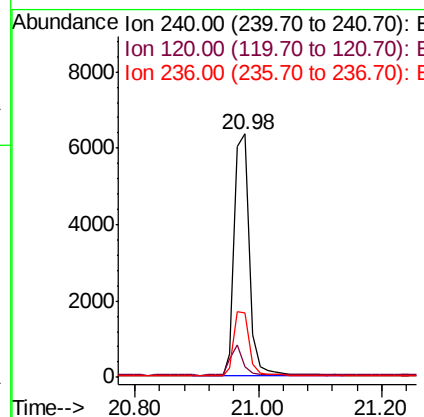
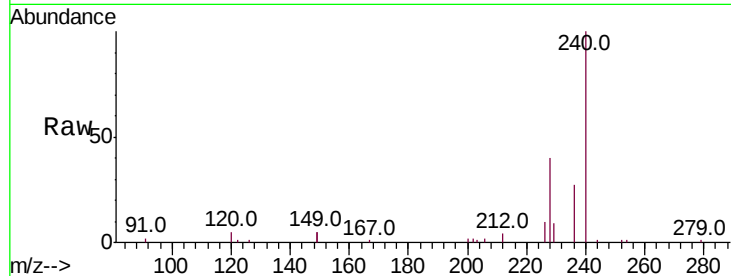




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.98 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BE097068.D
 Acq: 24 Jul 2018 11:20

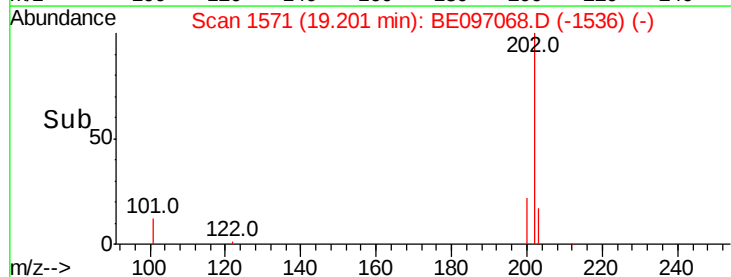
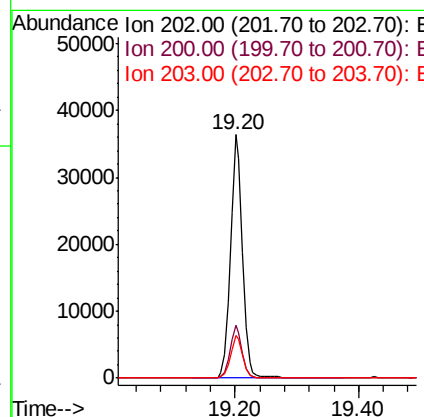
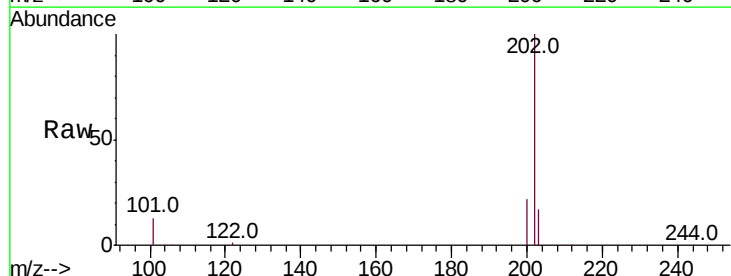
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

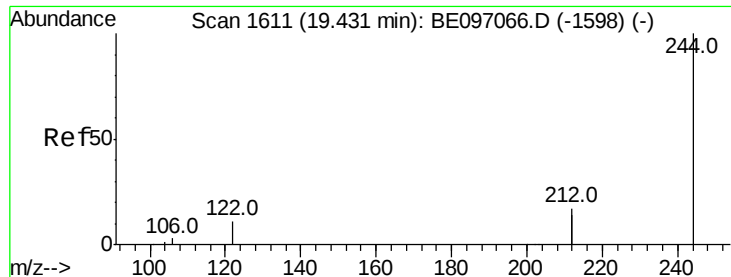
Tot Ion:240 Resp: 10640
 Ion Ratio Lower Upper
 240 100
 120 4.5 5.5 8.3#
 236 26.7 20.7 31.1



#28
 Pyrene
 Concen: 1.548 ng
 RT: 19.20 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BE097068.D
 Acq: 24 Jul 2018 11:20

Tgt Ion:202 Resp: 48607
 Ion Ratio Lower Upper
 202 100
 200 21.4 16.6 25.0
 203 17.5 13.8 20.8





#29

Terphenyl-d14

Concen: 1.696 ng

RT: 19.42 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

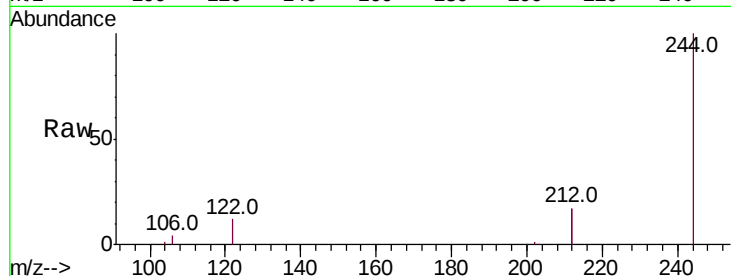
Tot Ion:244 Resp: 34807

Ion Ratio Lower Upper

244 100

212 33.2 25.4 38.0

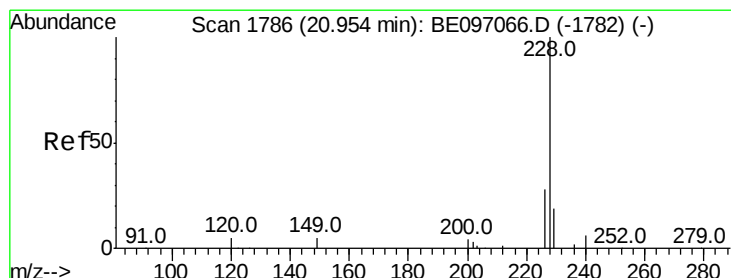
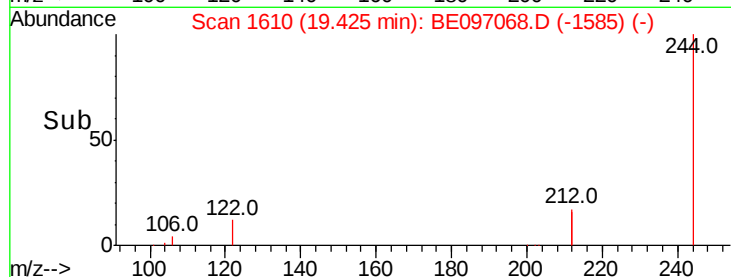
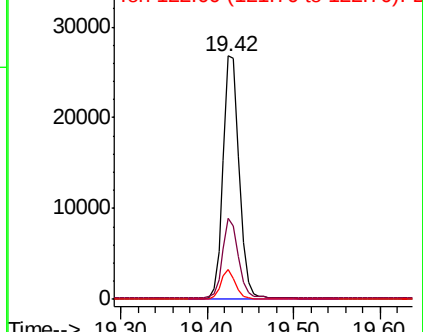
122 12.2 8.1 12.1#



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: 1.800 ng

RT: 20.95 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

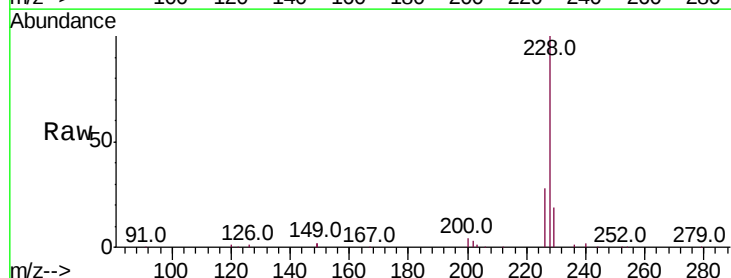
Tgt Ion:228 Resp: 45594

Ion Ratio Lower Upper

228 100

226 27.8 24.0 36.0

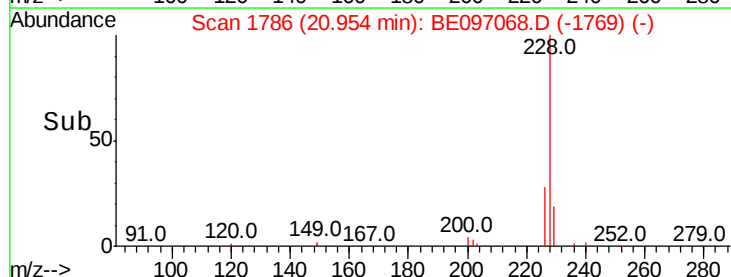
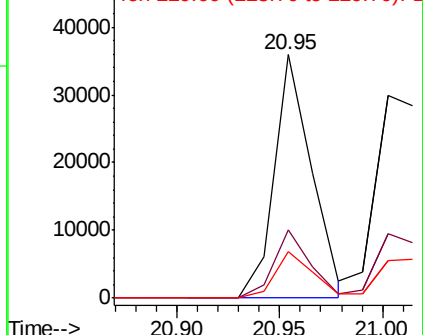
229 19.2 16.0 24.0

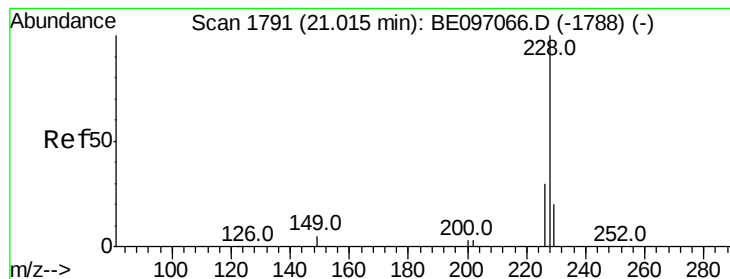


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.717 ng

RT: 21.00 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

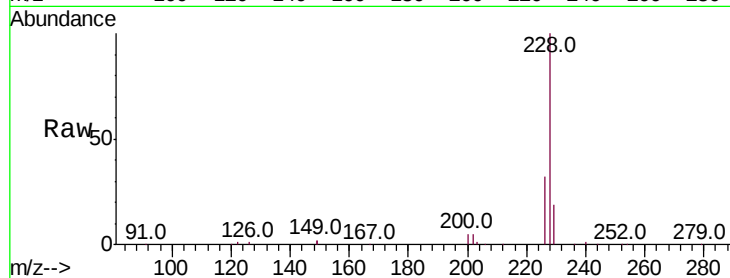
Tot Ion:228 Resp: 48803

Ion Ratio Lower Upper

228 100

226 31.9 24.0 36.0

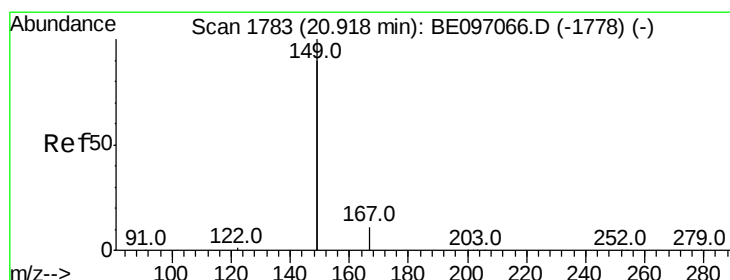
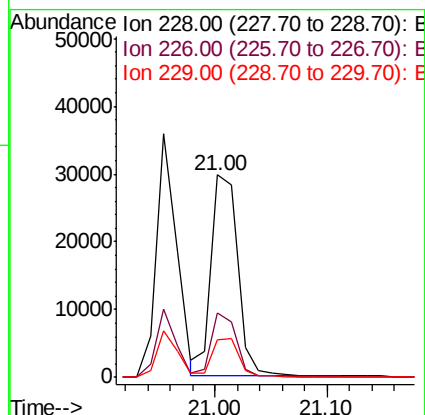
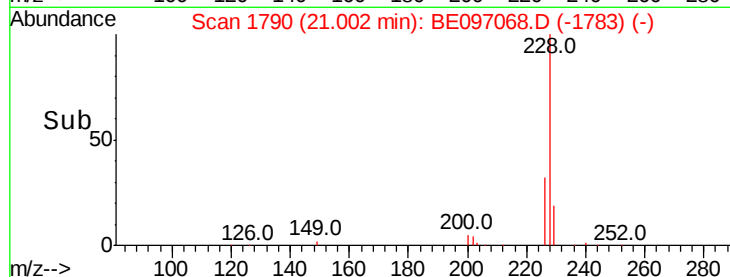
229 18.7 16.0 24.0



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: 2.200 ng

RT: 20.93 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

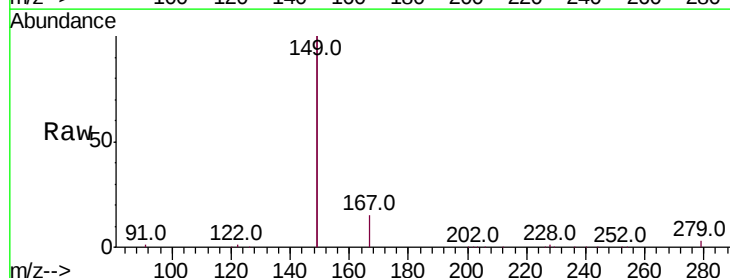
Tgt Ion:149 Resp: 55638

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

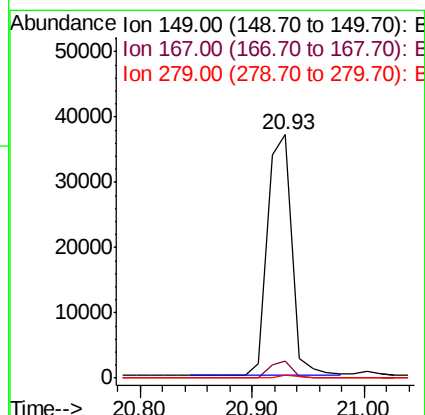
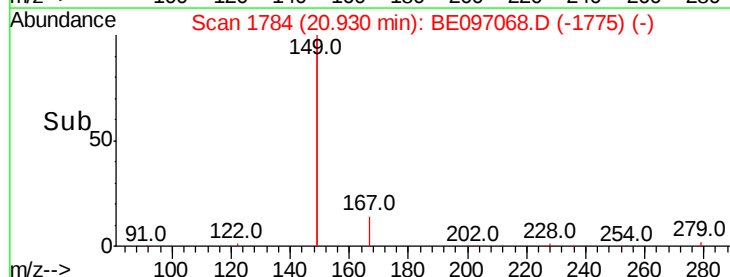
279 0.9 0.7 1.1

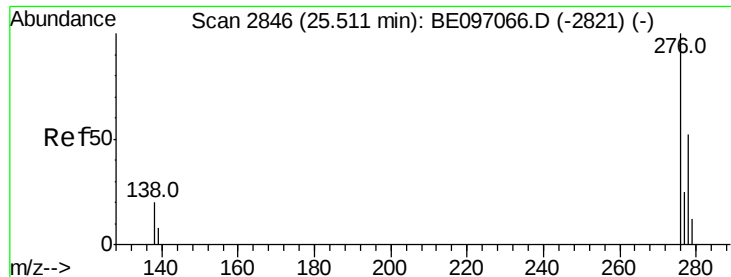


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

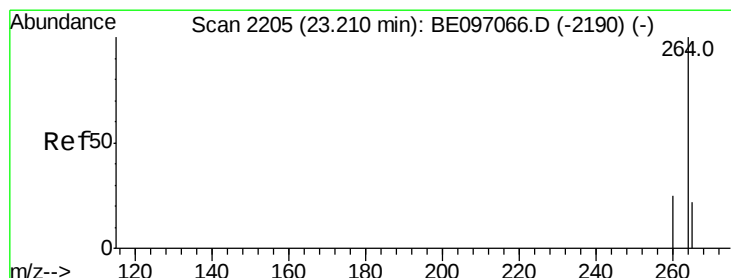
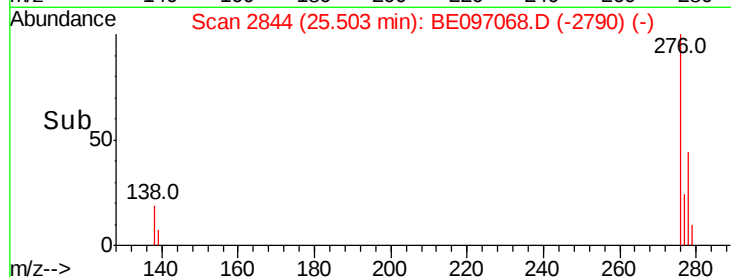
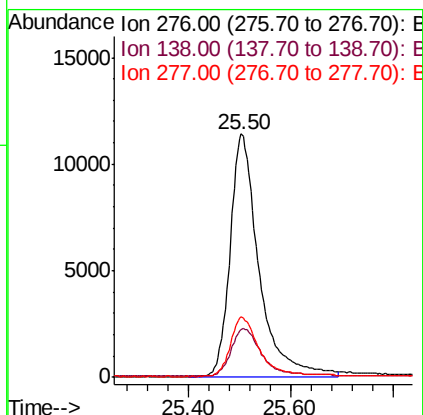
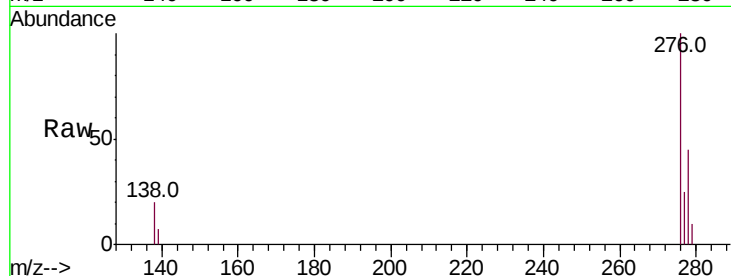




#33
Indeno(1,2,3-cd)pyrene
Concen: 2.148 ng
RT: 25.50 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

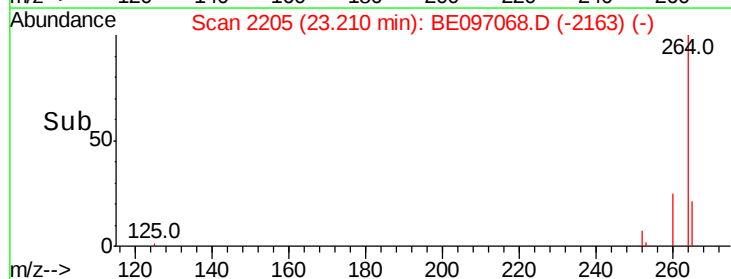
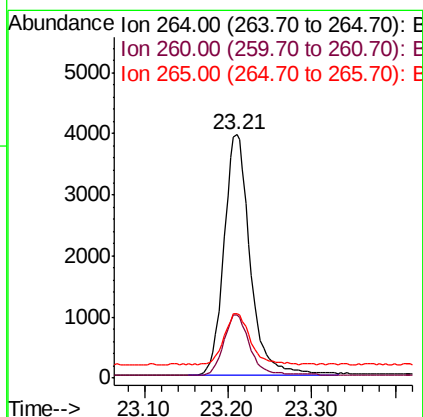
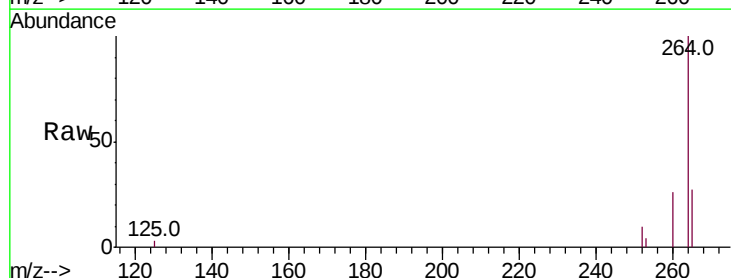
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

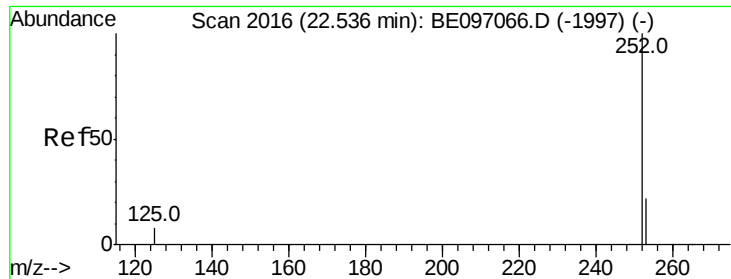
Tot Ion:276 Resp: 44463
Ion Ratio Lower Upper
276 100
138 21.0 22.5 33.7#
277 24.9 19.9 29.9



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Tgt Ion:264 Resp: 8522
Ion Ratio Lower Upper
264 100
260 25.7 20.5 30.7
265 26.7 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 1.754 ng

RT: 22.53 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

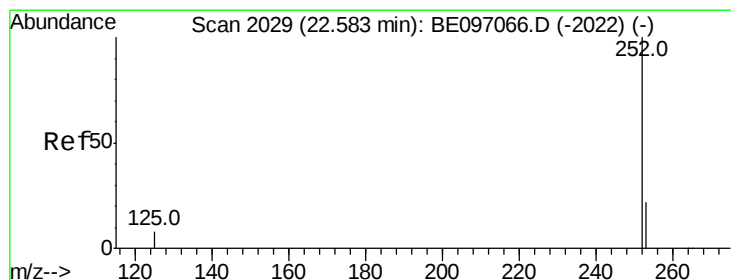
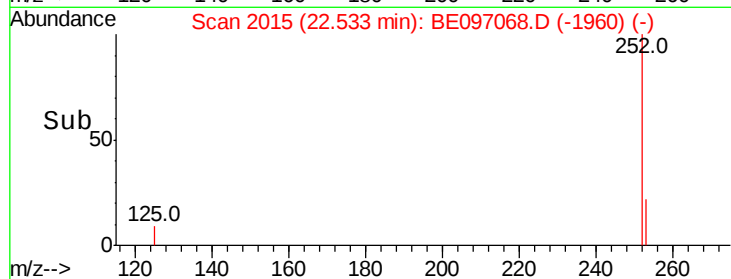
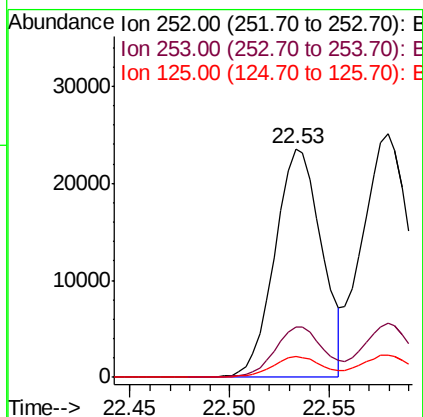
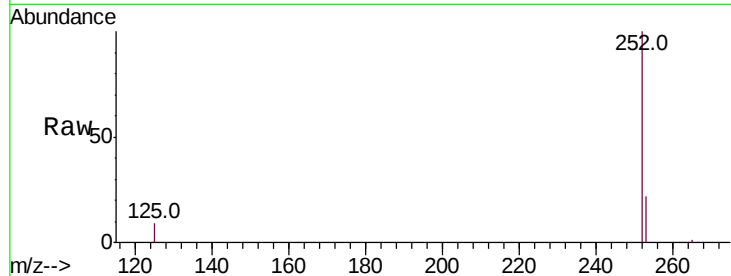
Tot Ion:252 Resp: 38149

Ion Ratio Lower Upper

252 100

253 21.9 20.0 30.0

125 9.2 16.0 24.0#



#36

Benzo(k)fluoranthene

Concen: 1.794 ng

RT: 22.58 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

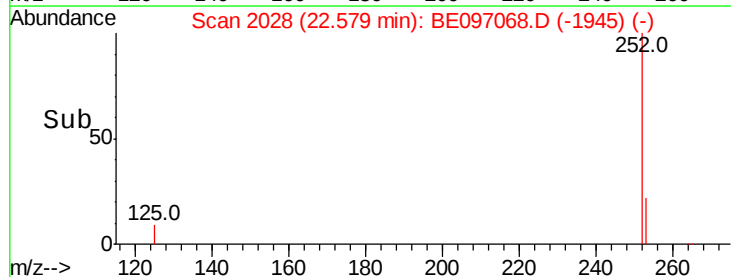
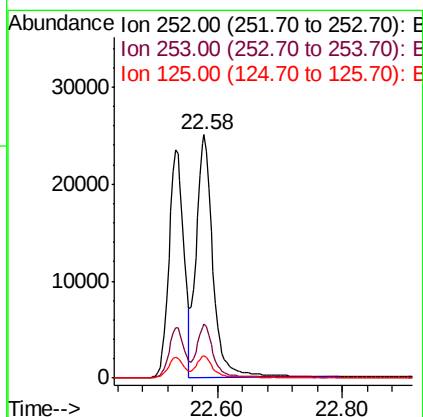
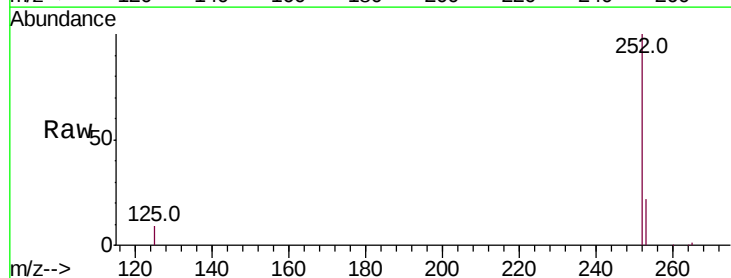
Tgt Ion:252 Resp: 46419

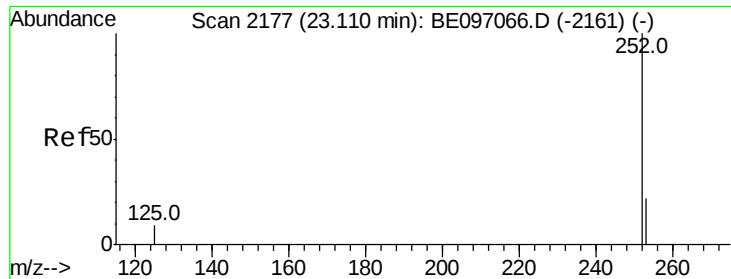
Ion Ratio Lower Upper

252 100

253 22.2 16.0 24.0

125 9.2 8.0 12.0





#37

Benzo(a)pyrene

Concen: 1.882 ng

RT: 23.11 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

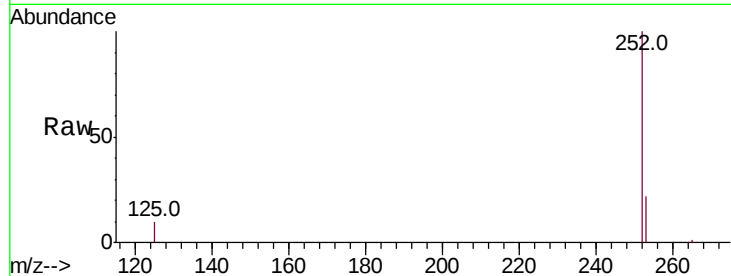
Tot Ion:252 Resp: 36610

Ion Ratio Lower Upper

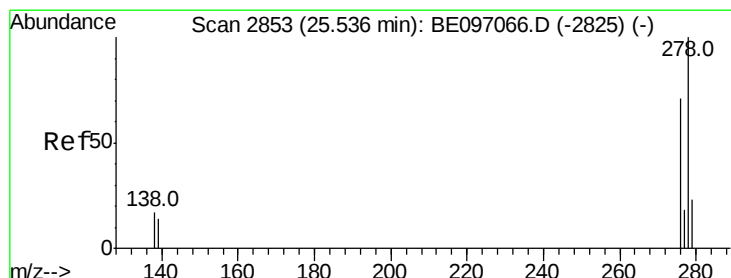
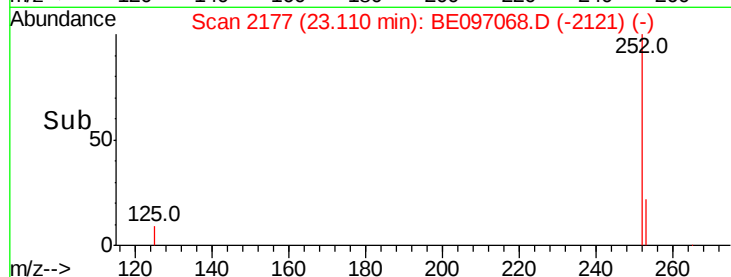
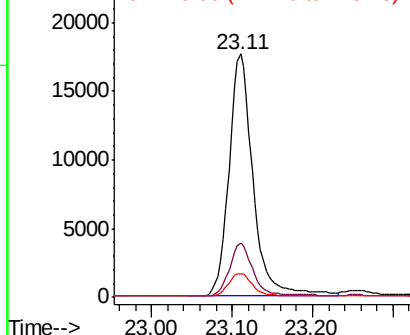
252 100

253 22.4 16.0 24.0

125 9.9 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: 2.336 ng

RT: 25.52 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

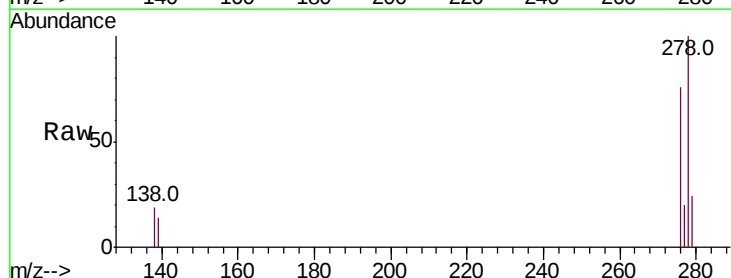
Tgt Ion:278 Resp: 37114

Ion Ratio Lower Upper

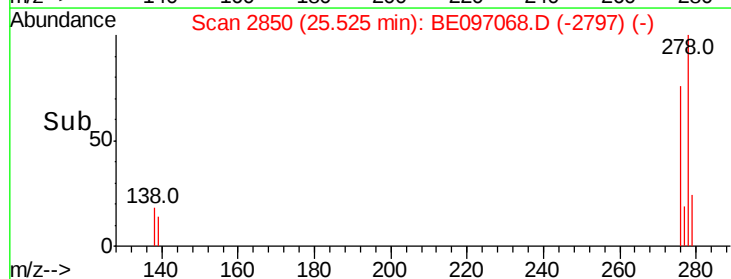
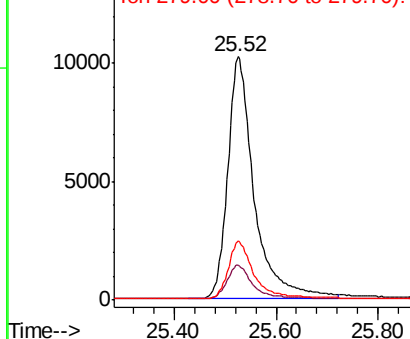
278 100

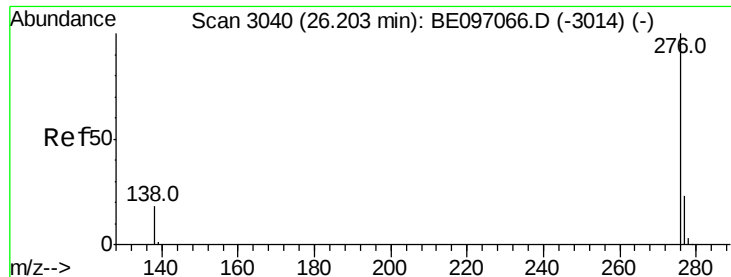
139 14.2 16.0 24.0#

279 24.1 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: 2.157 ng

RT: 26.20 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

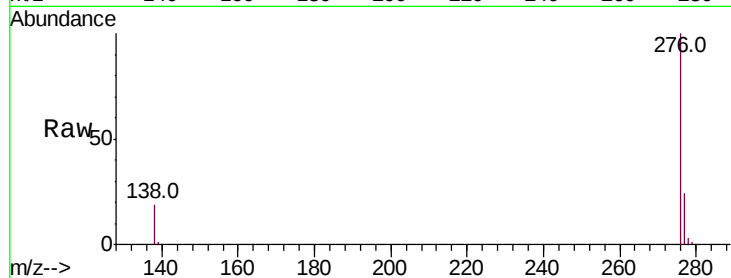
Tot Ion:276 Resp: 38146

Ion Ratio Lower Upper

276 100

277 23.8 16.0 24.0

138 19.0 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

