

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						
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

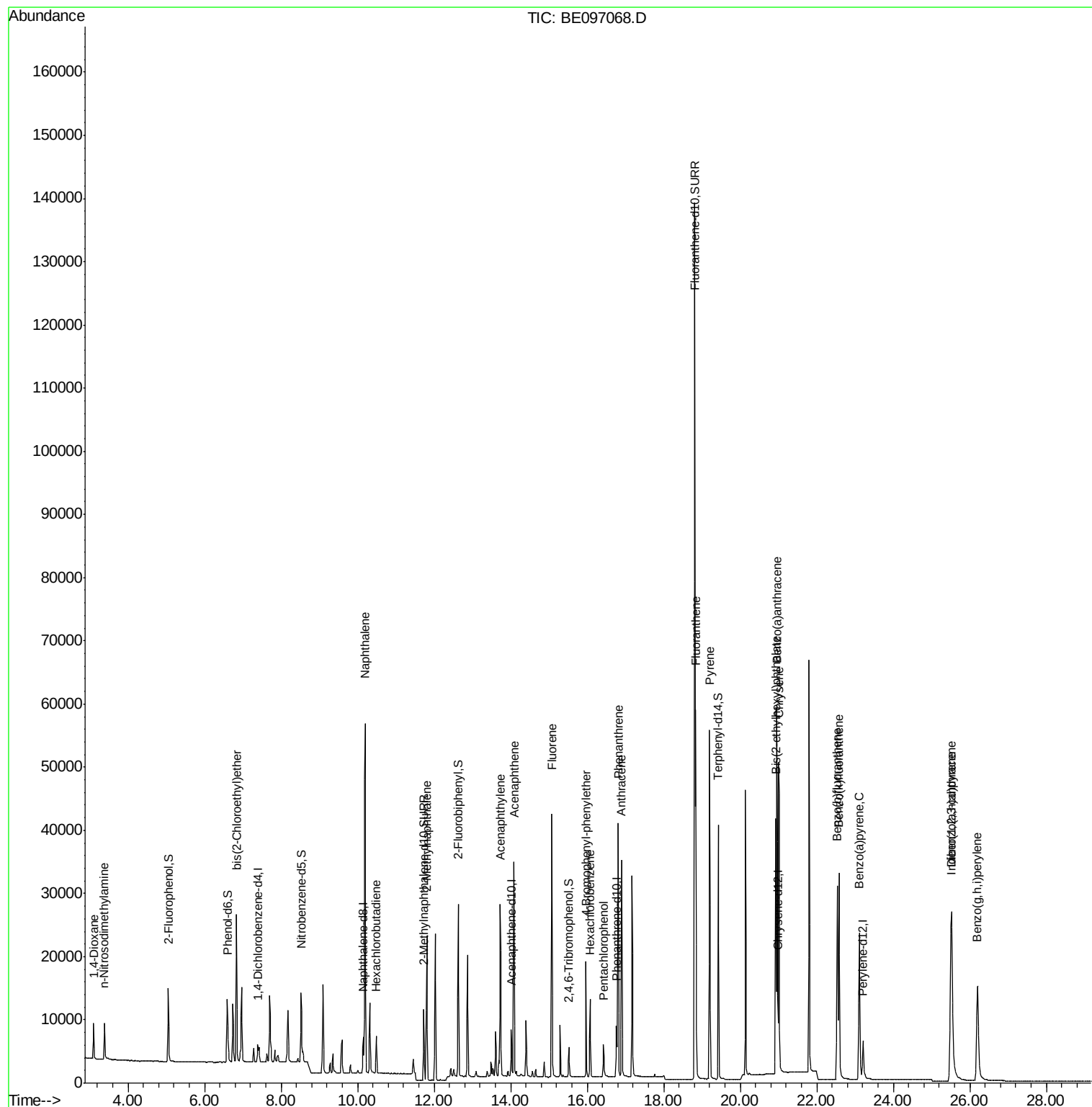
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	3136	1.797	ng	# 87
3) n-Nitrosodimethylamine	3.37	42	3764	1.917	ng	# 91
6) bis(2-Chloroethyl)ether	6.84	93	7601	1.741	ng	97
9) Naphthalene	10.20	128	92446	1.673	ng	99
10) Hexachlorobutadiene	10.48	225	4154	1.859	ng	97
12) 2-Methylnaphthalene	11.80	142	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

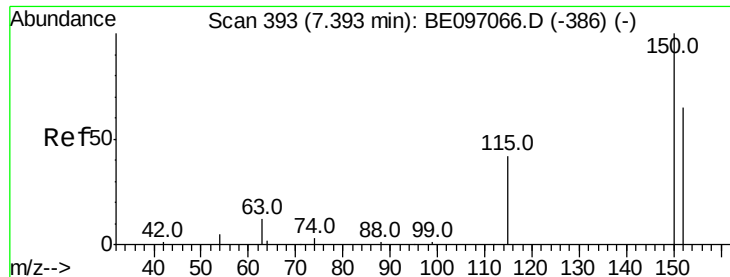
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

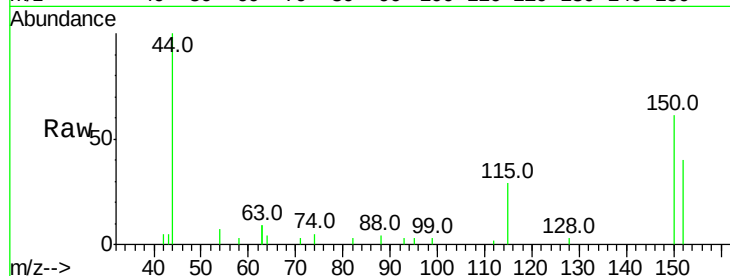
Tot Ion:152 Resp: 1219

Ion Ratio Lower Upper

152 100

150 152.6 117.2 175.8

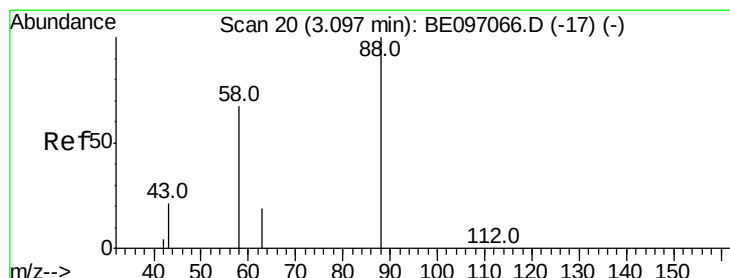
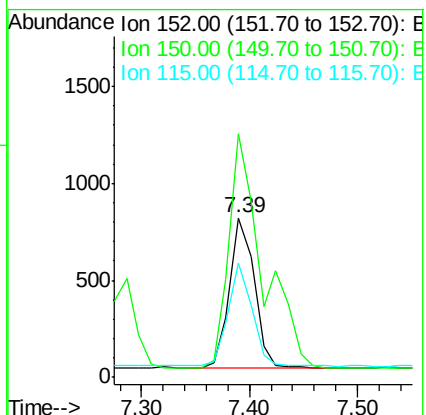
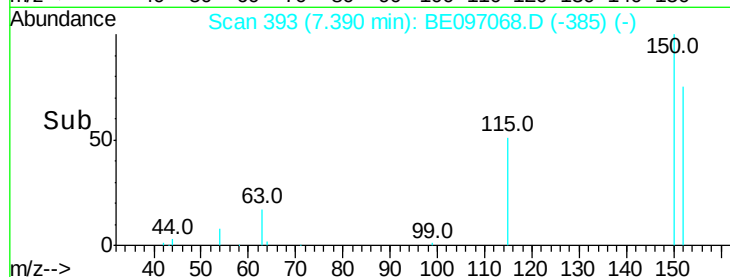
115 71.3 57.0 85.6



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: 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

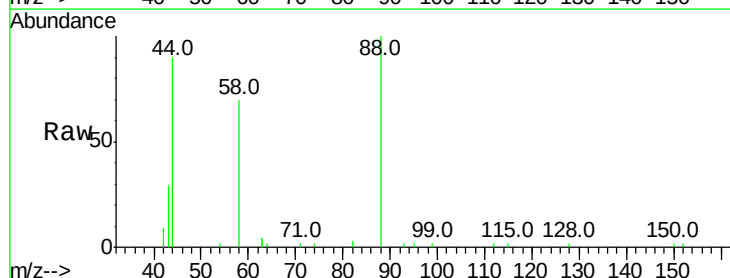
Tgt Ion: 88 Resp: 3136

Ion Ratio Lower Upper

88 100

58 84.0 63.2 94.8

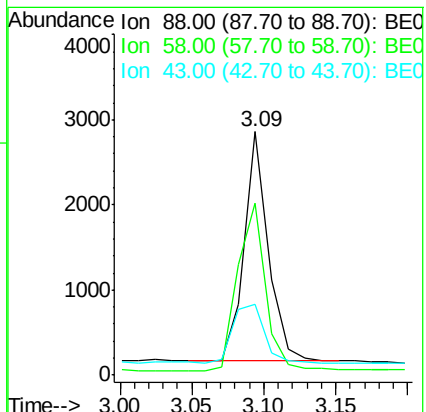
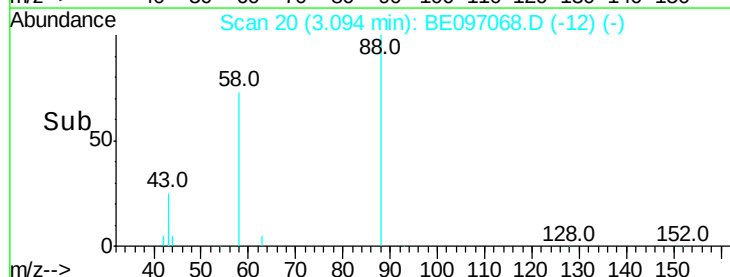
43 34.6 41.2 61.8#

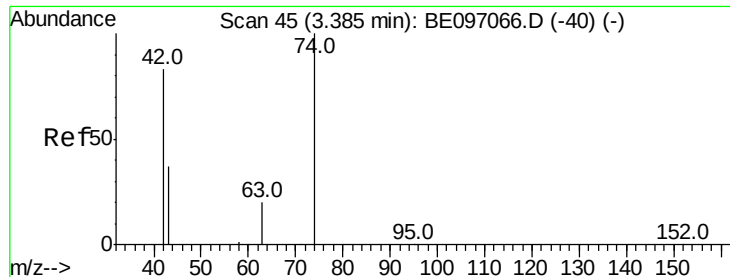


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 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

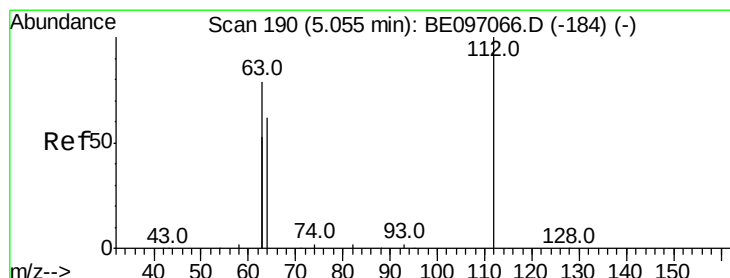
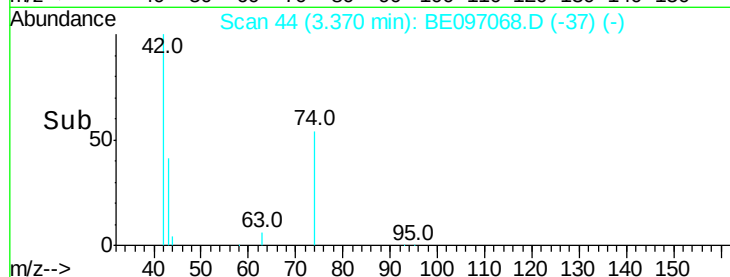
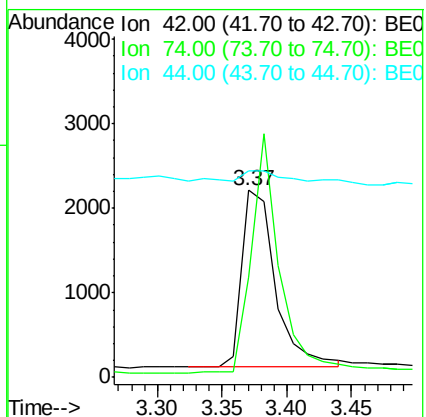
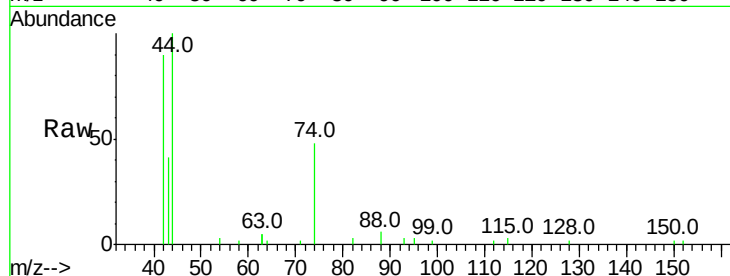
Tot Ion: 42 Resp: 3764

Ion Ratio Lower Upper

42 100

74 112.4 96.0 144.0

44 4.6 12.0 18.0#



#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

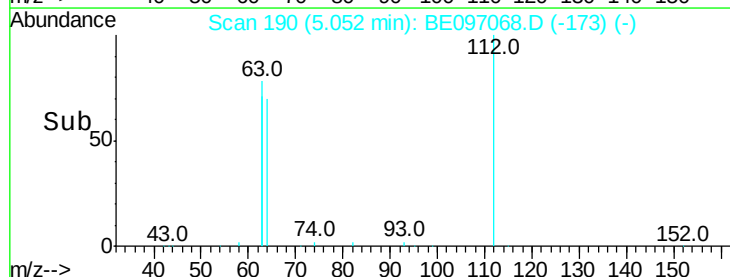
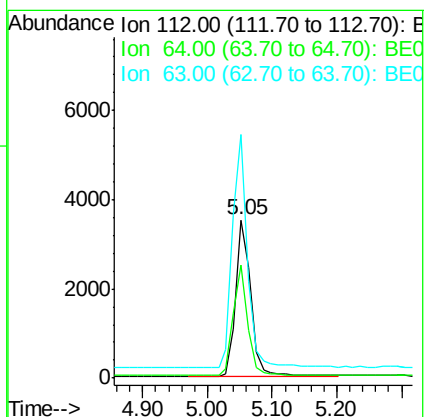
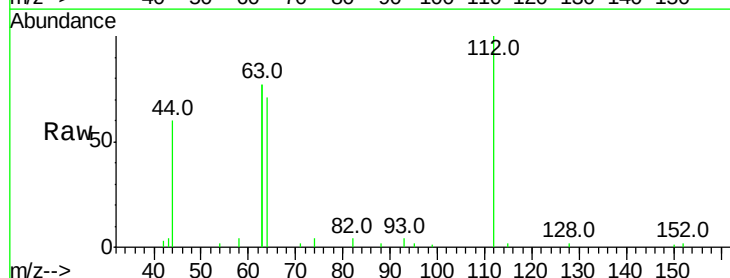
Tgt Ion: 112 Resp: 5517

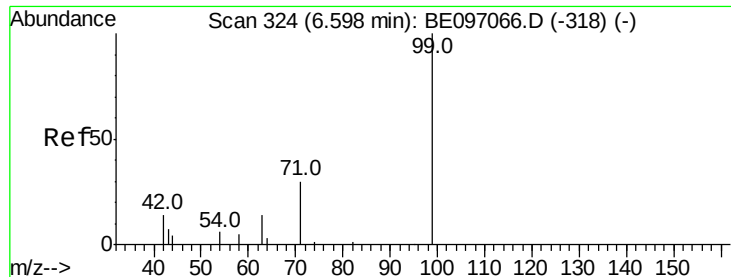
Ion Ratio Lower Upper

112 100

64 68.3 60.1 90.1

63 149.4 116.8 175.2





#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

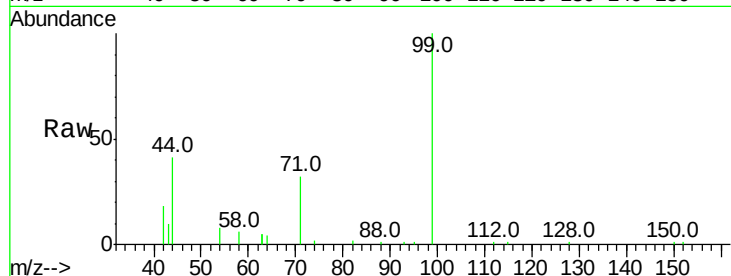
Tot Ion: 99 Resp: 8612

Ion Ratio Lower Upper

99 100

42 23.8 20.2 30.2

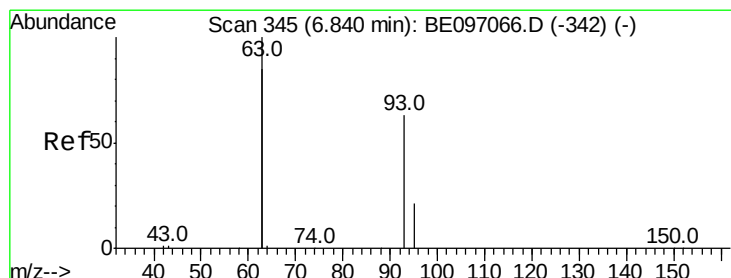
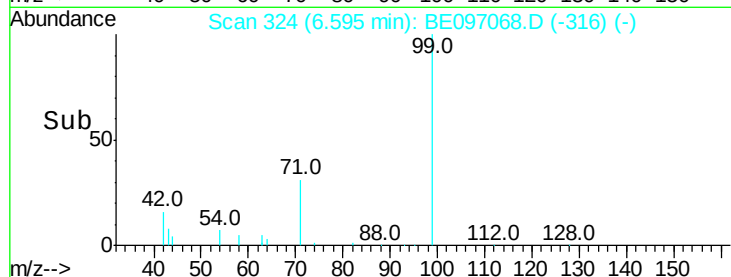
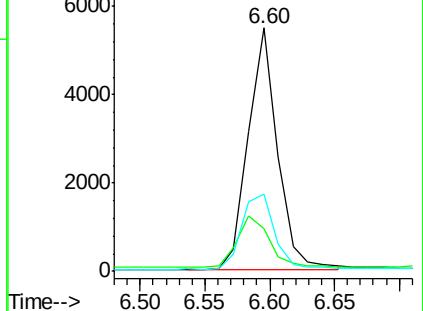
71 35.0 28.4 42.6



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

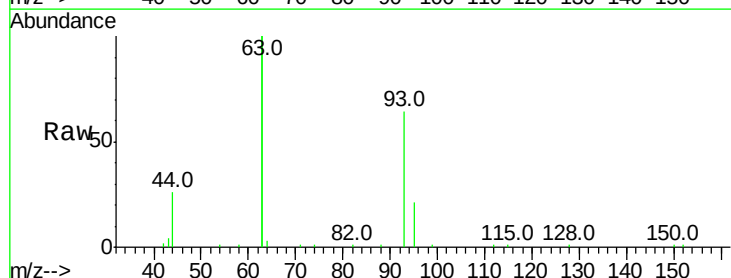
Tgt Ion: 93 Resp: 7601

Ion Ratio Lower Upper

93 100

63 337.7 275.3 412.9

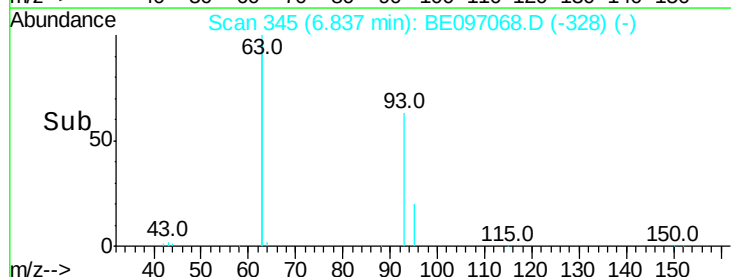
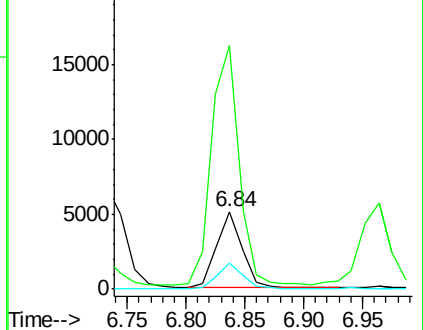
95 32.0 25.2 37.8

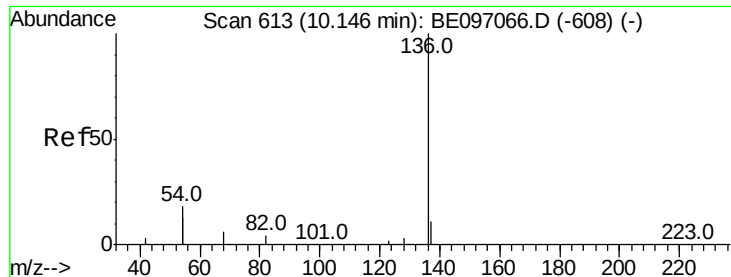


Abundance Ion 93.00 (92.70 to 93.70): BE0

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

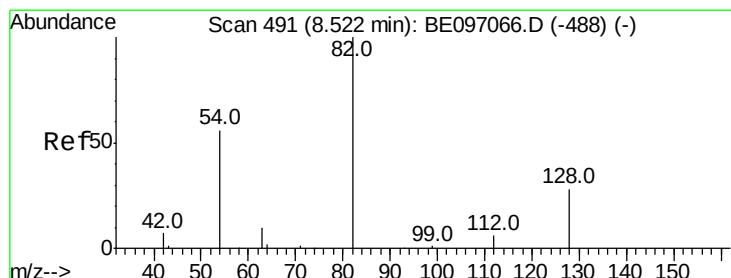
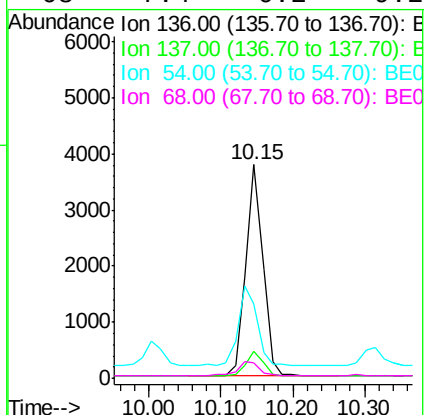
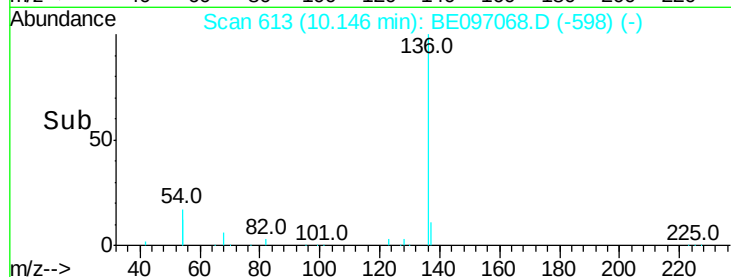
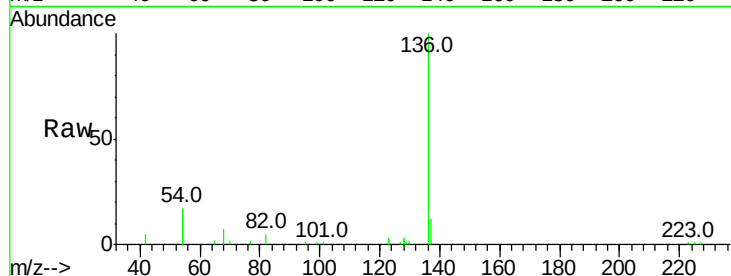
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 34.5 29.1 43.7

68 7.4 6.2 9.2



#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

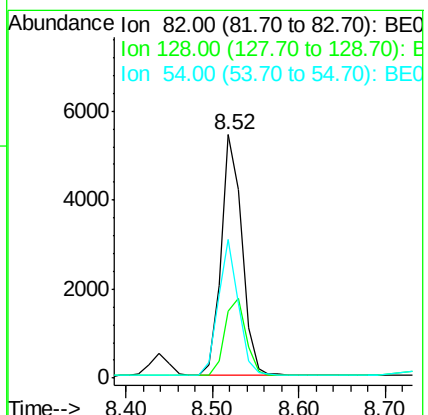
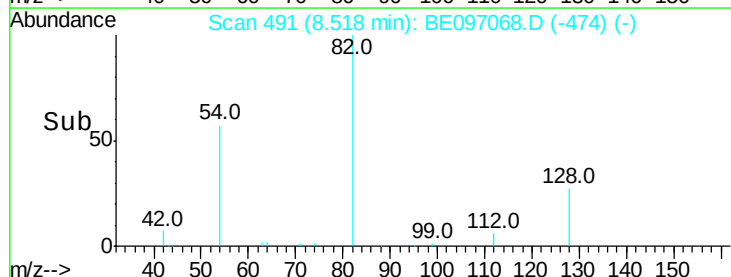
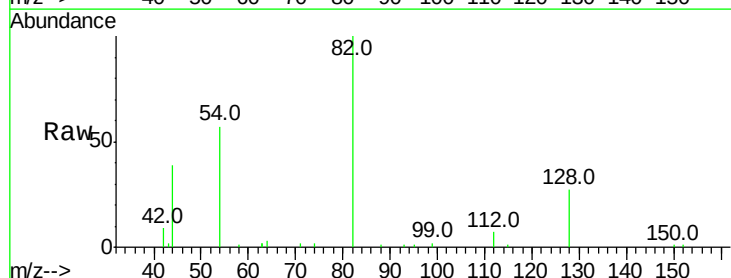
Tgt Ion: 82 Resp: 9148

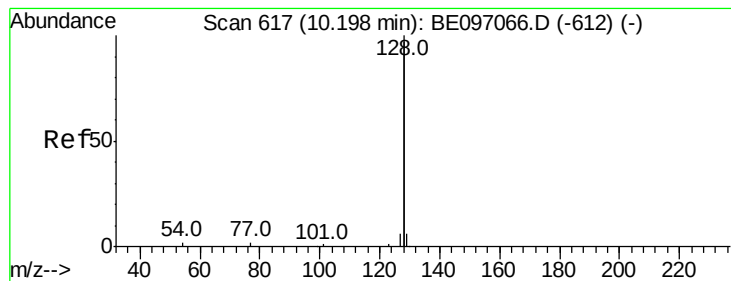
Ion Ratio Lower Upper

82 100

128 27.3 24.0 36.0

54 57.1 40.0 60.0





#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

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

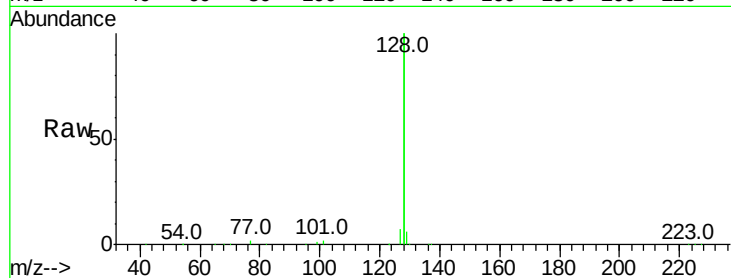
Tot Ion:128 Resp: 92446

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

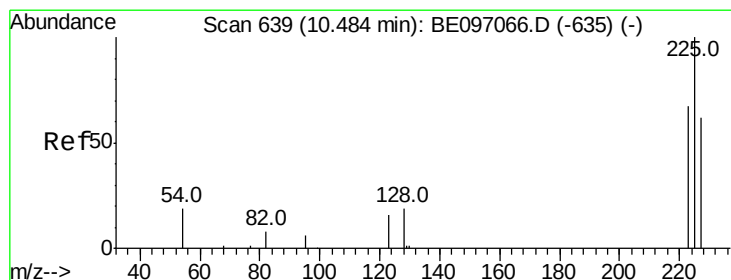
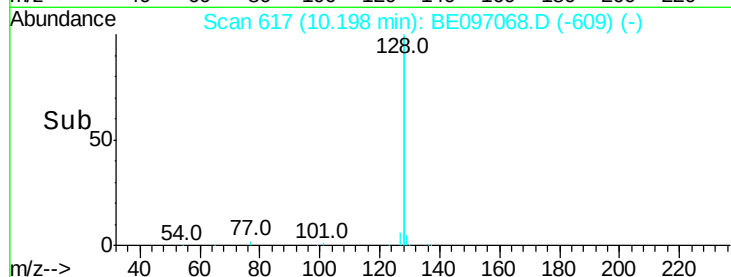
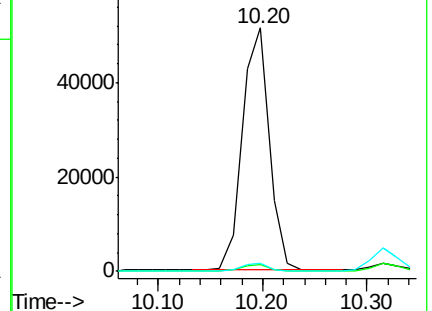
127 3.3 2.8 4.2



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

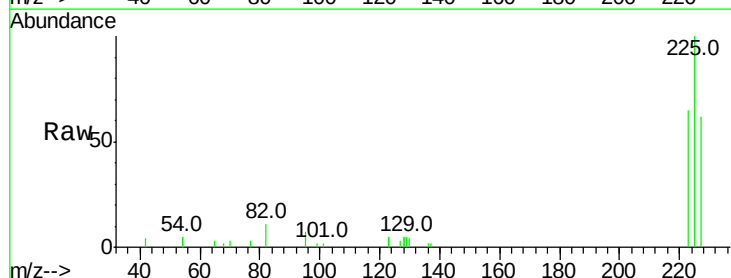
Tgt Ion:225 Resp: 4154

Ion Ratio Lower Upper

225 100

223 62.6 53.0 79.6

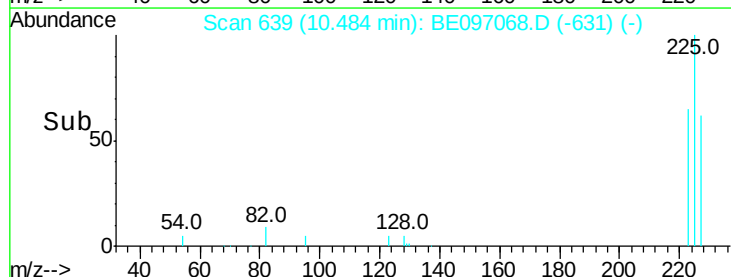
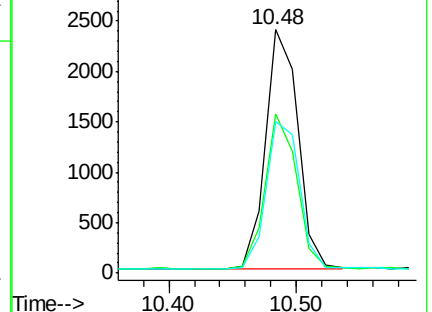
227 63.8 51.4 77.2

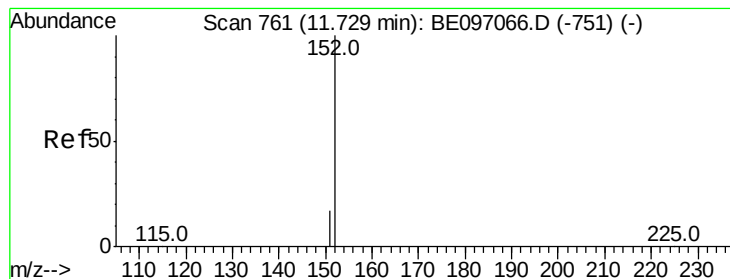


Abundance Ion 225.00 (224.70 to 225.70): E

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 :

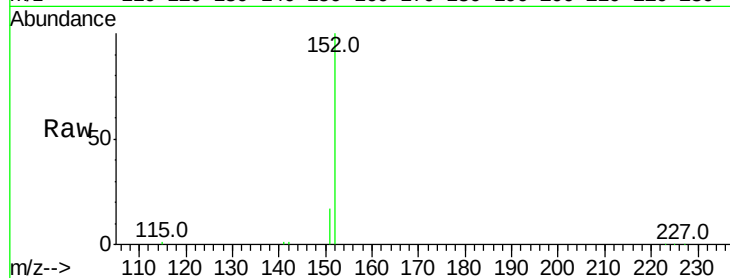
SSTDICC1.6

Tot Ion:152 Resp: 15668

Ion Ratio Lower Upper

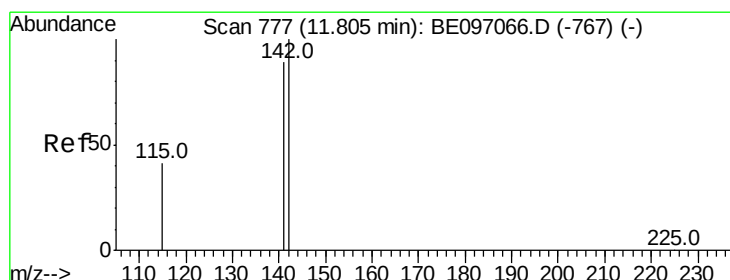
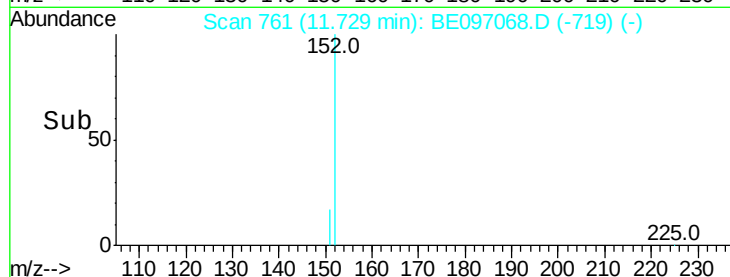
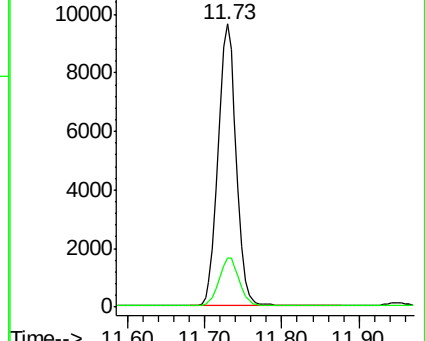
152 100

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



#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

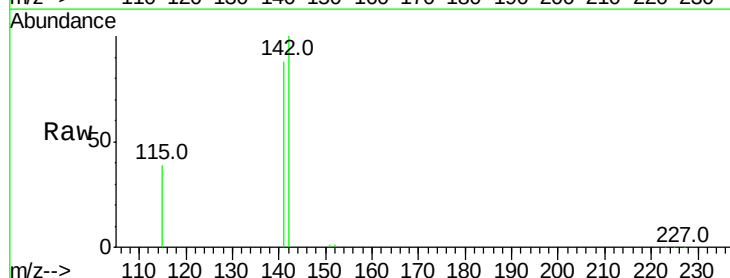
Tgt Ion:142 Resp: 16294

Ion Ratio Lower Upper

142 100

141 87.9 70.4 105.6

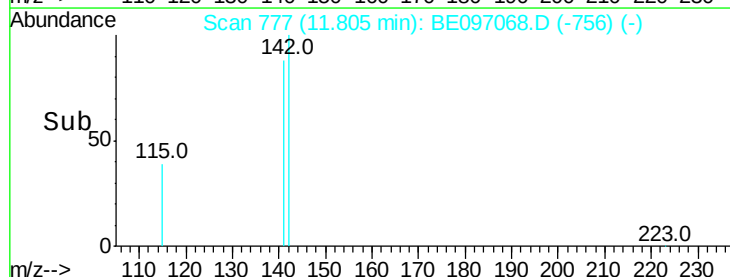
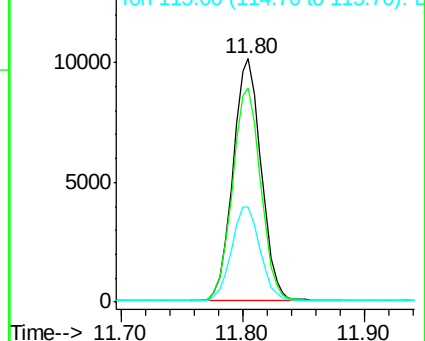
115 38.9 31.7 47.5

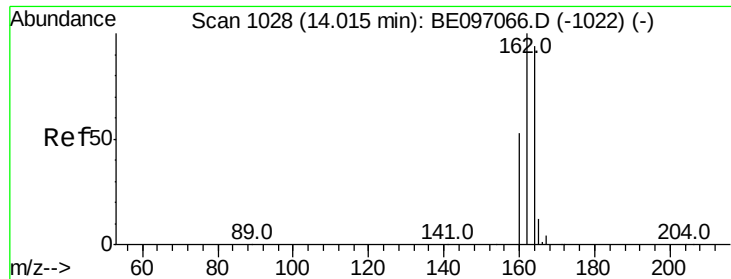


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

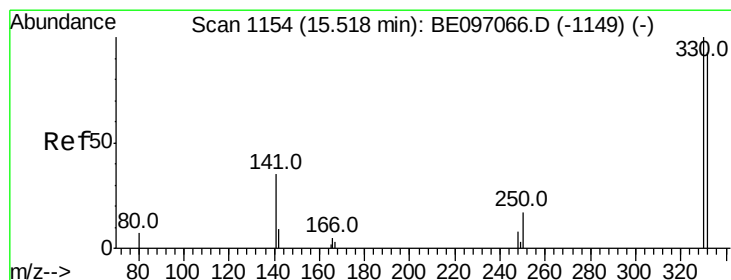
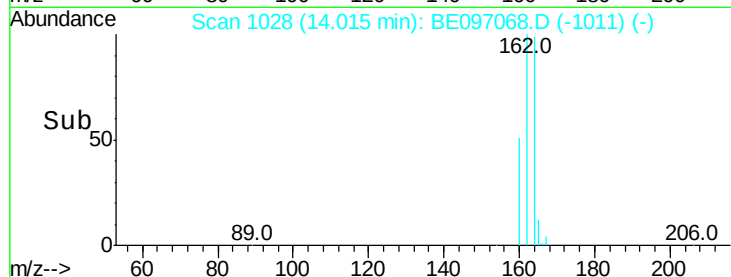
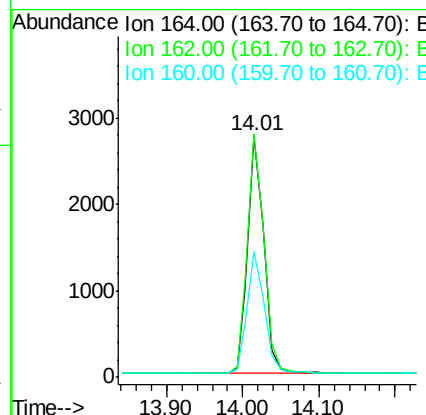
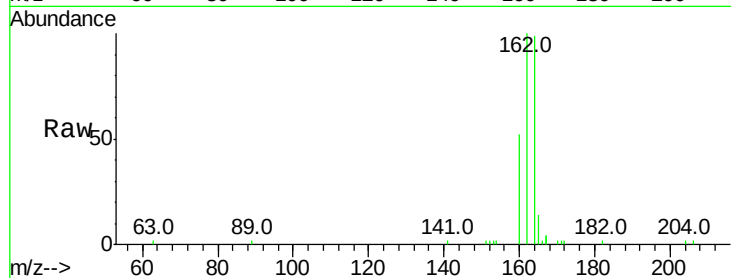




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

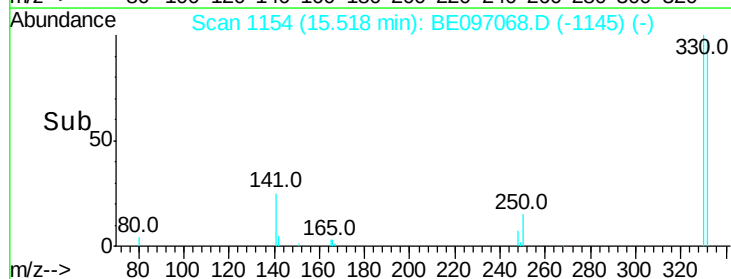
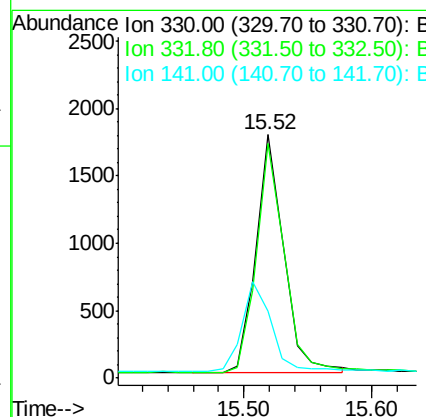
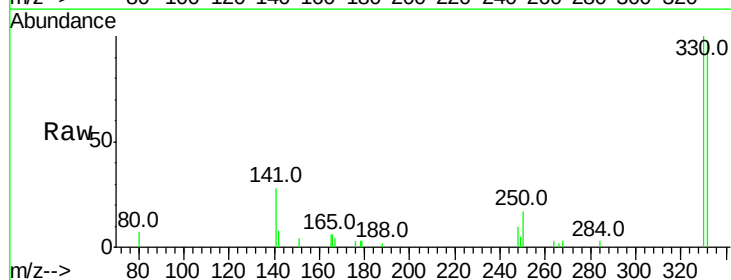
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

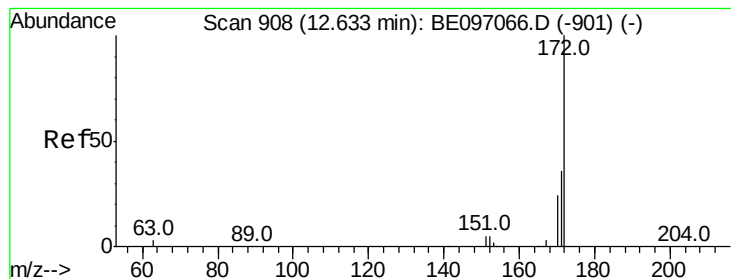
Tot Ion:164 Resp: 4074
Ion Ratio Lower Upper
164 100
162 101.0 83.1 124.7
160 52.3 37.1 55.7



#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





#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 :

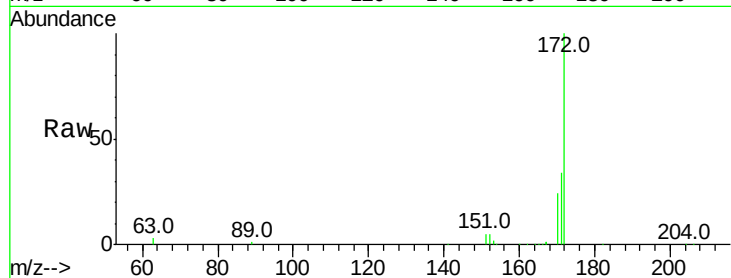
BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion:172 Resp: 23457

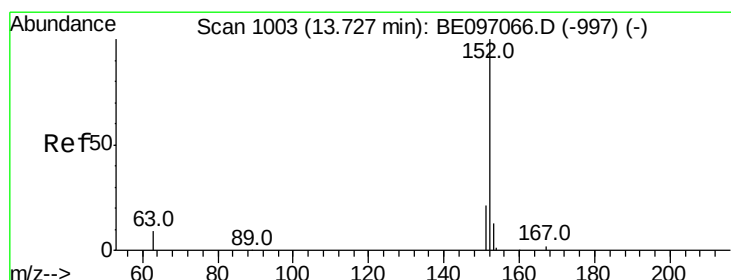
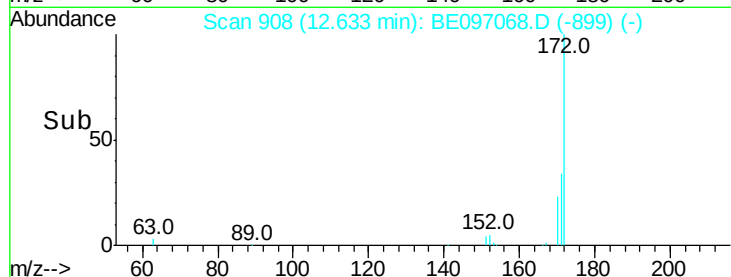
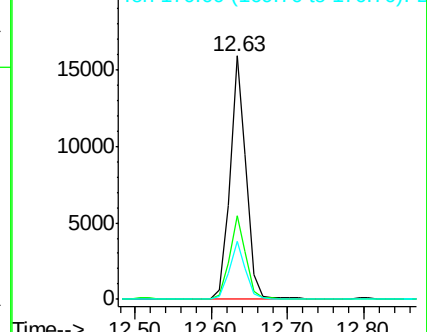
Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.9	44.9
170	23.6	21.8	32.8



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: 1.664 ng

RT: 13.73 min Scan# 1003

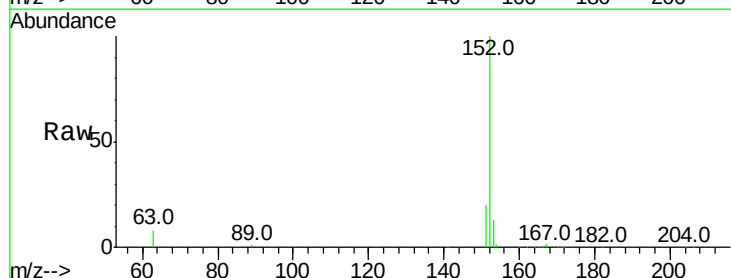
Delta R.T. 0.00 min

Lab File: BE097068.D

Acq: 24 Jul 2018 11:20

Tgt Ion:152 Resp: 30961

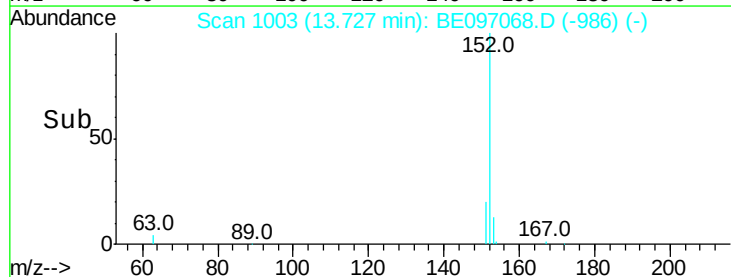
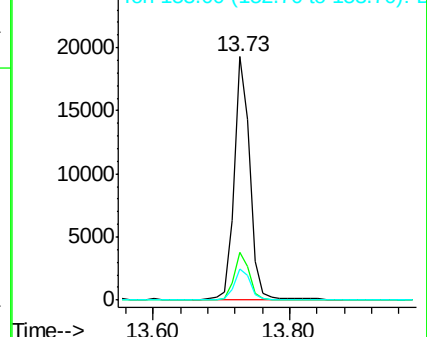
Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	12.9	10.5	15.7

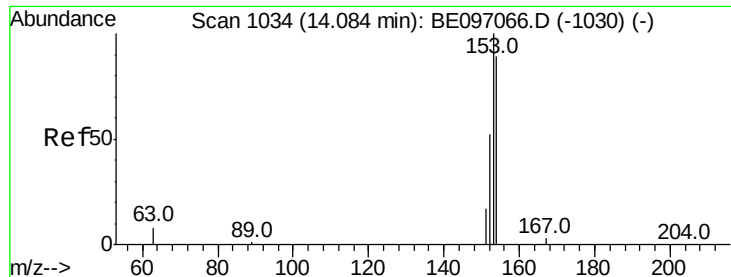


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 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

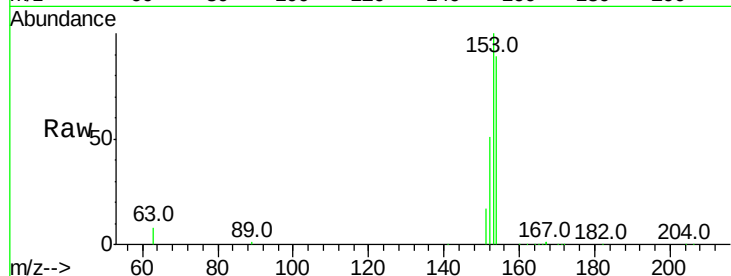
Tot Ion:154 Resp: 17981

Ion Ratio Lower Upper

154 100

153 116.3 89.2 133.8

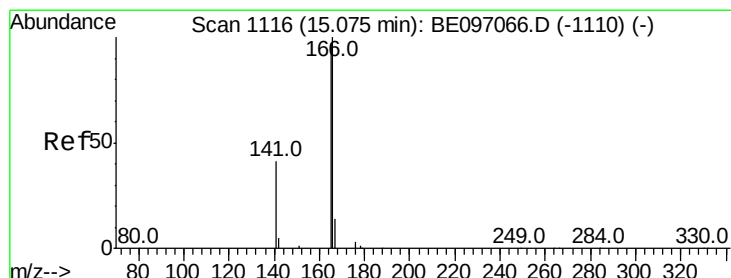
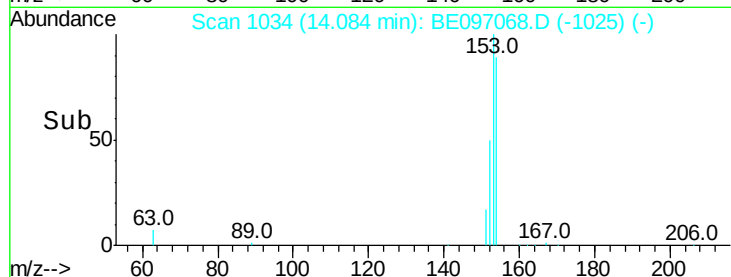
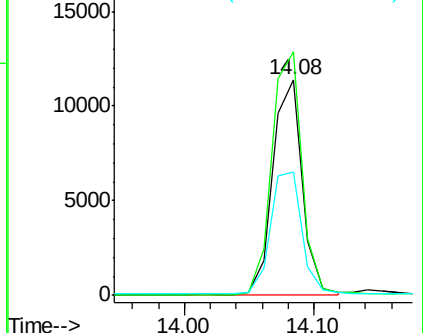
152 62.0 42.0 63.0



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

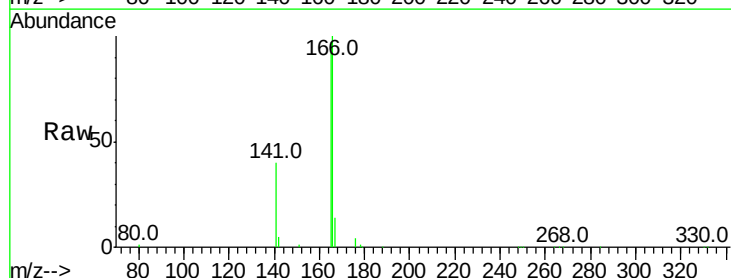
Tgt Ion:166 Resp: 24027

Ion Ratio Lower Upper

166 100

165 99.6 77.8 116.6

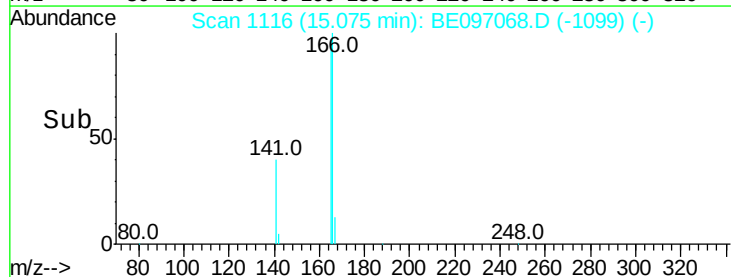
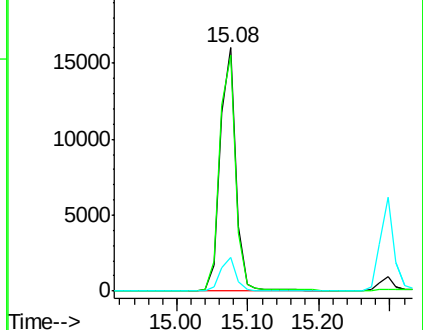
167 13.3 42.4 63.6#

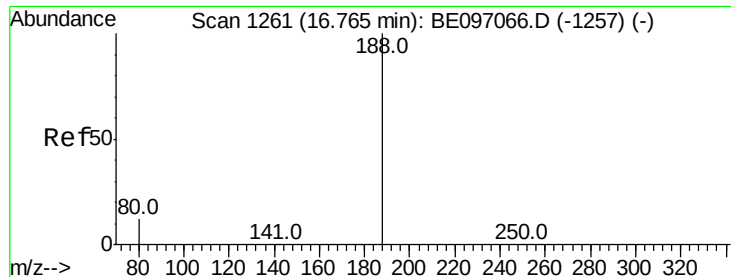


Abundance Ion 166.00 (165.70 to 166.70): E

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

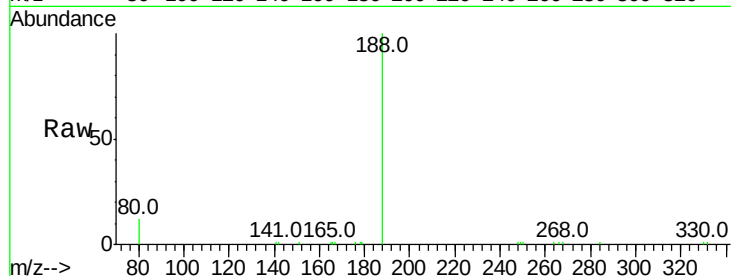
Tot Ion:188 Resp: 10415

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 12.2 3.6 5.4#



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

10000

8000

6000

4000

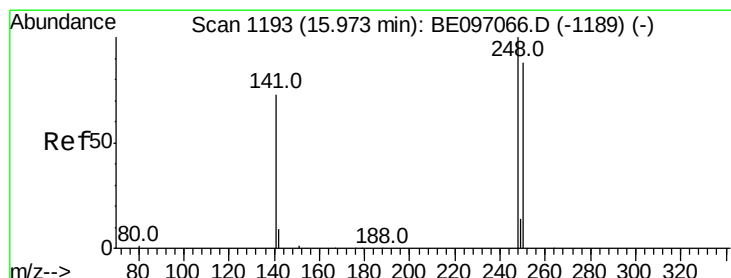
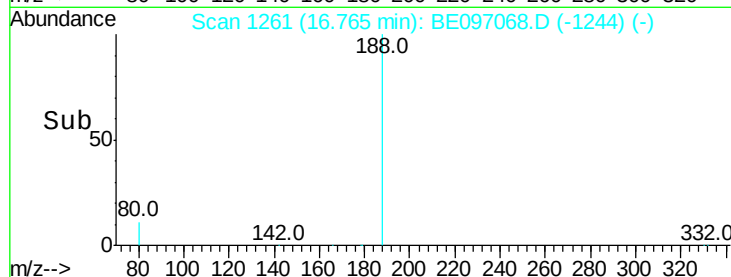
2000

0

16.77

16.80

Time-->



#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

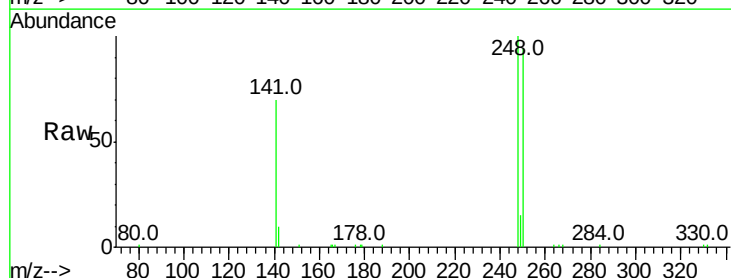
Tgt Ion:248 Resp: 8792

Ion Ratio Lower Upper

248 100

250 93.6 62.7 94.1

141 69.7 48.2 72.2



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

8000

6000

4000

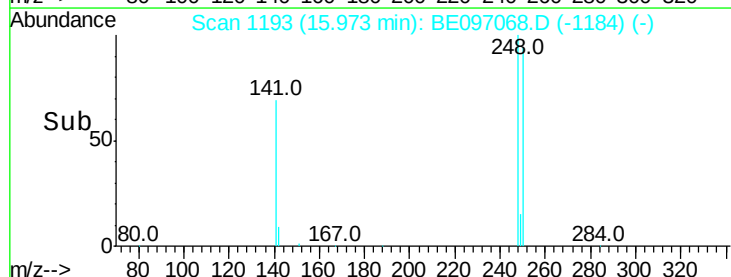
2000

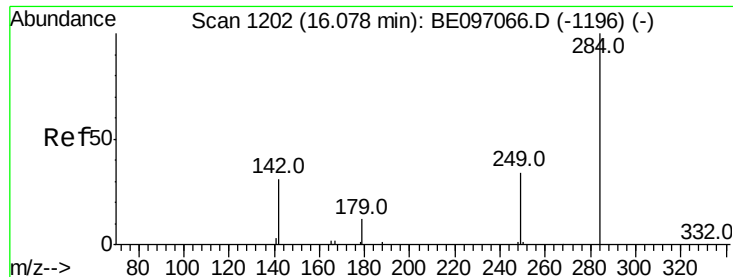
0

15.97

16.00

Time-->





#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

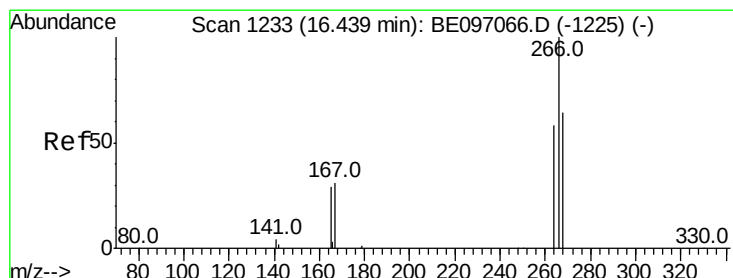
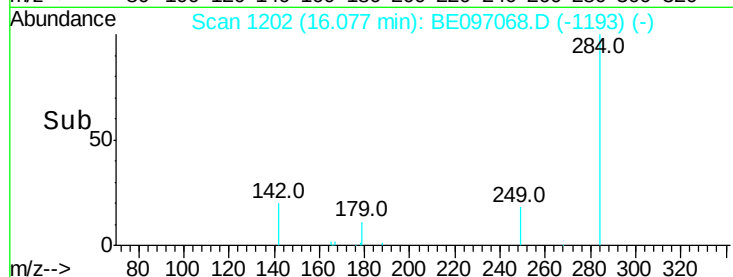
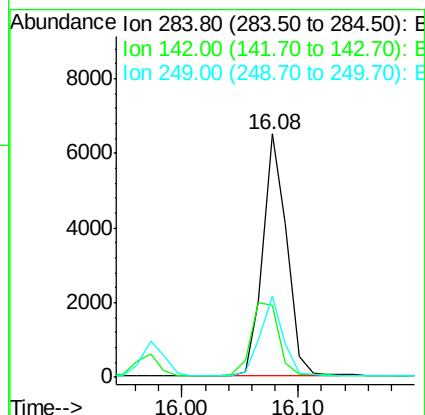
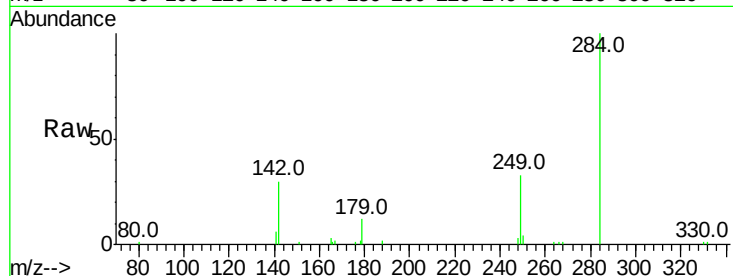
Tot Ion:284 Resp: 9309

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

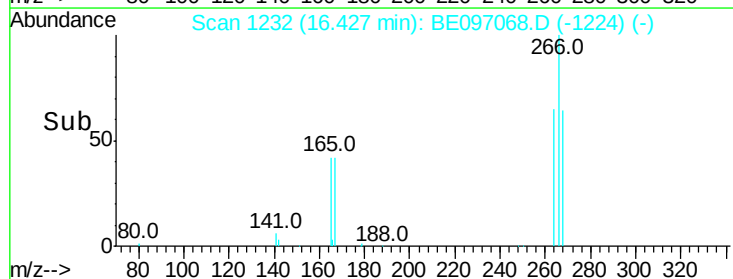
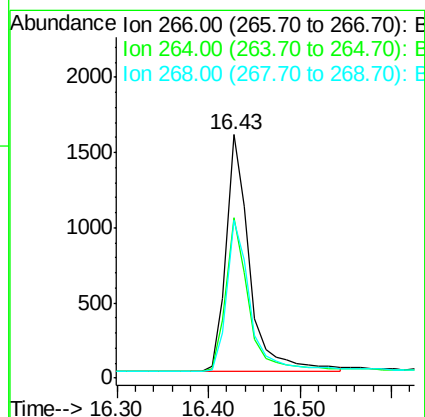
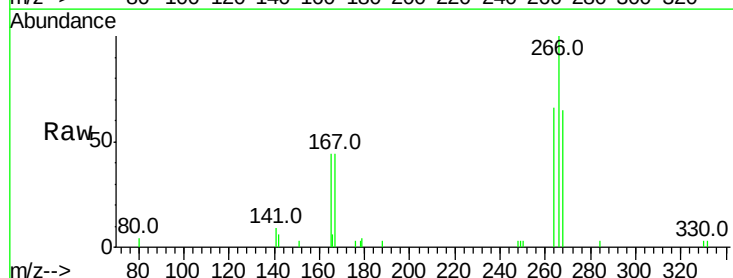
Tgt Ion:266 Resp: 2809

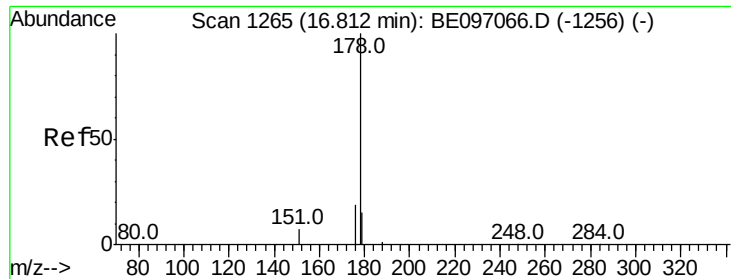
Ion Ratio Lower Upper

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

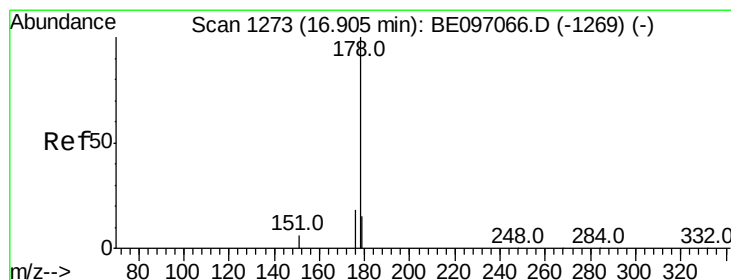
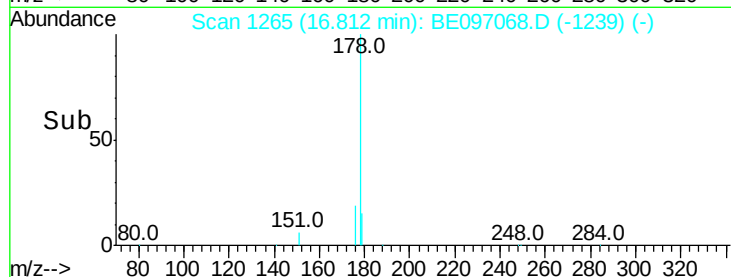
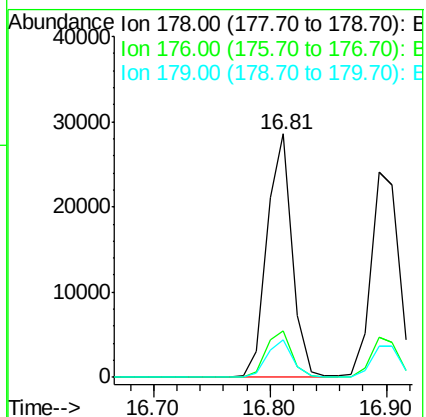
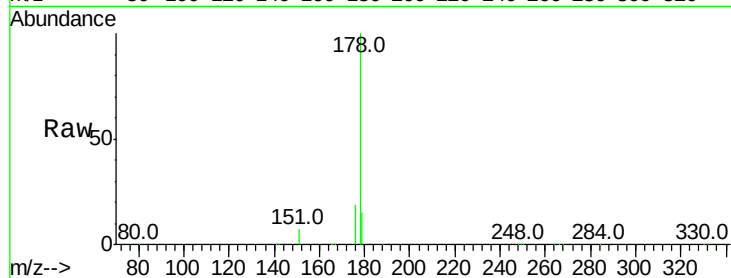
Tot Ion:178 Resp: 42549

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

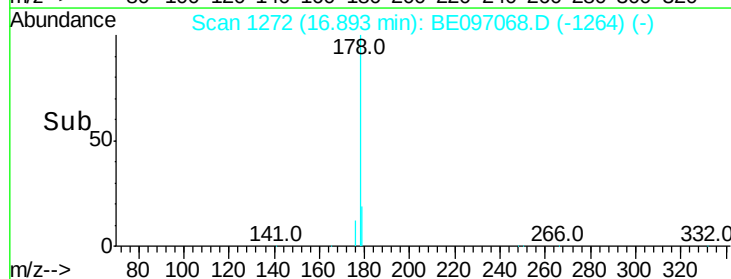
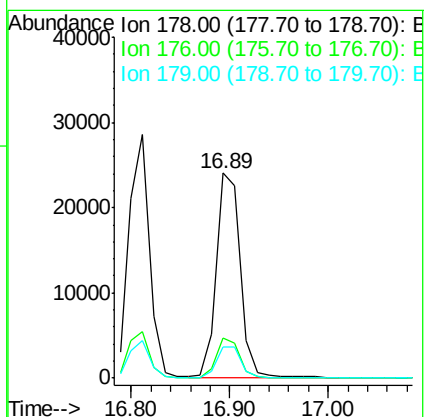
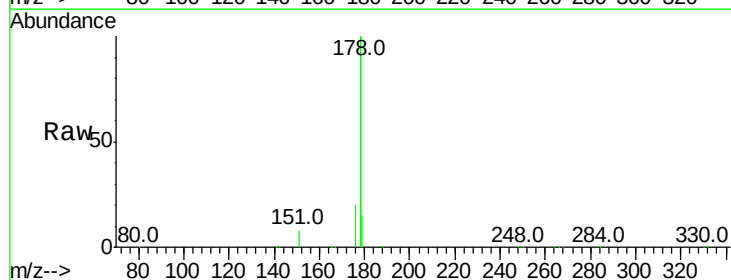
Tgt Ion:178 Resp: 39906

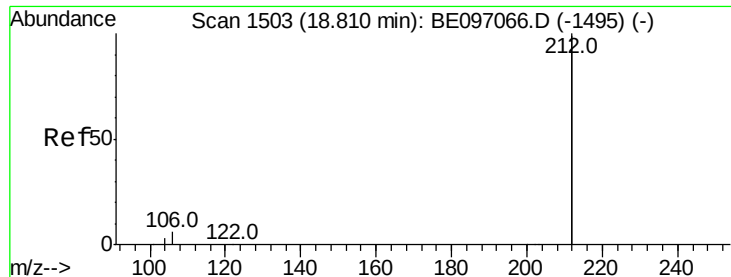
Ion Ratio Lower Upper

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

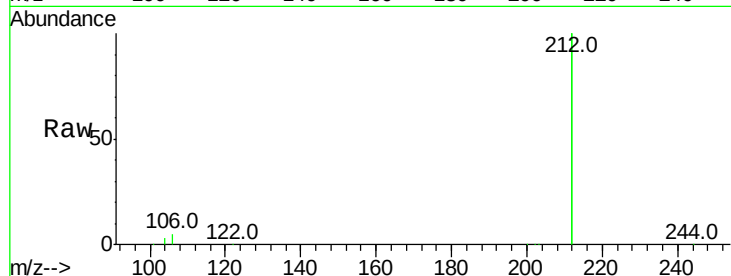
Tot Ion:212 Resp: 185176

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

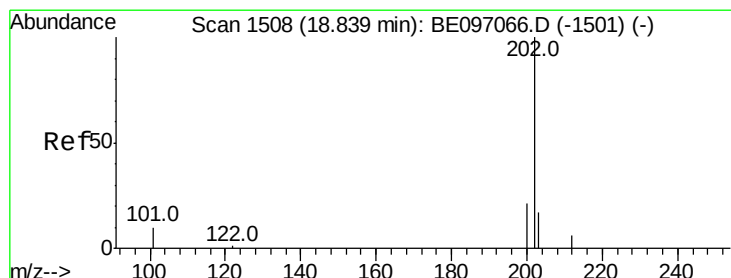
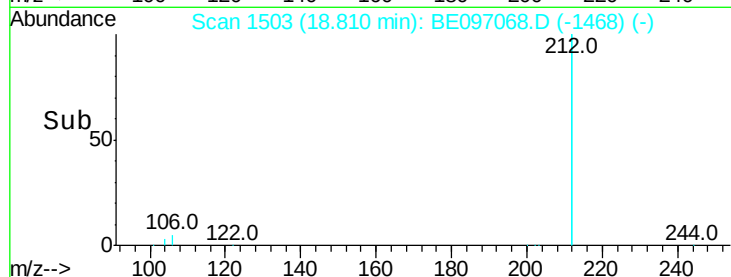
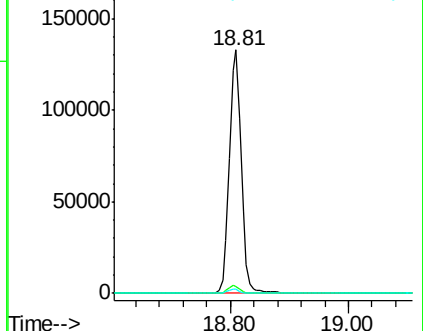
104 1.7 1.6 2.4



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

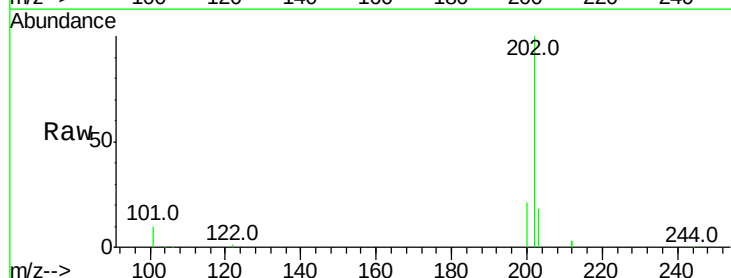
Tgt Ion:202 Resp: 50123

Ion Ratio Lower Upper

202 100

101 10.6 9.8 14.8

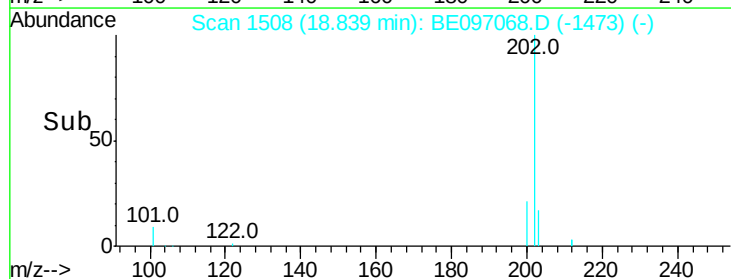
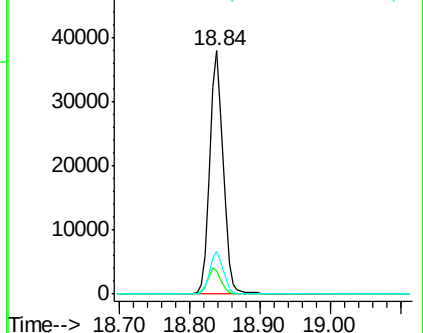
203 17.5 13.7 20.5

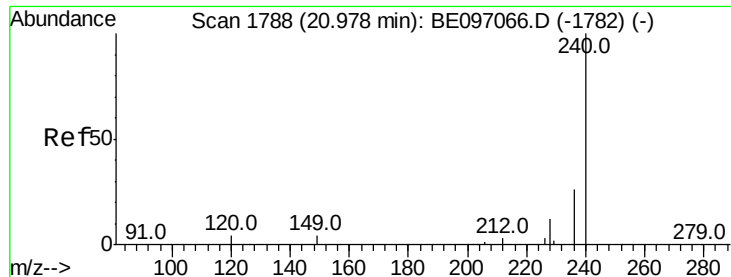


Abundance Ion 202.00 (201.70 to 202.70): E

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

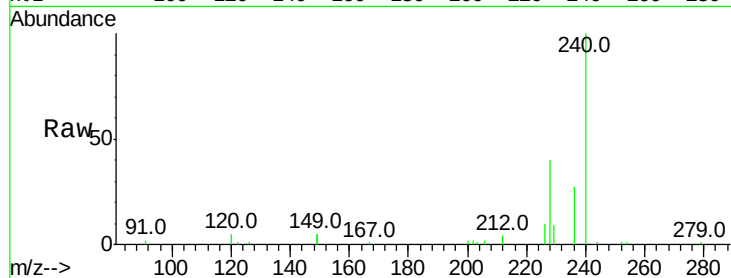
Tot Ion:240 Resp: 10640

Ion Ratio Lower Upper

240 100

120 4.5 5.5 8.3#

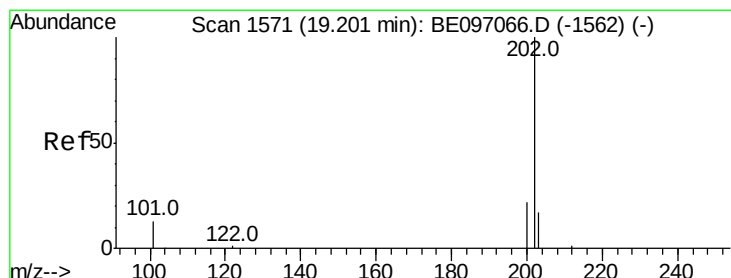
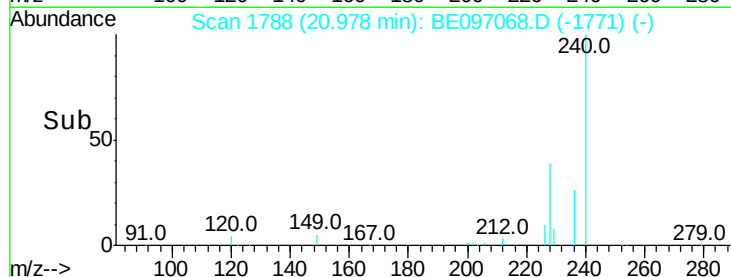
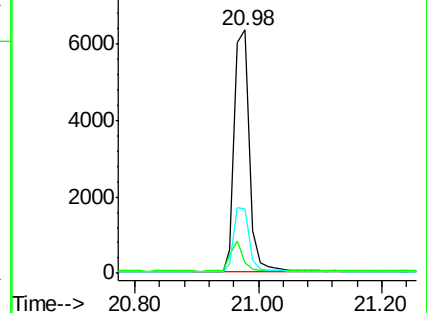
236 26.7 20.7 31.1



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: 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

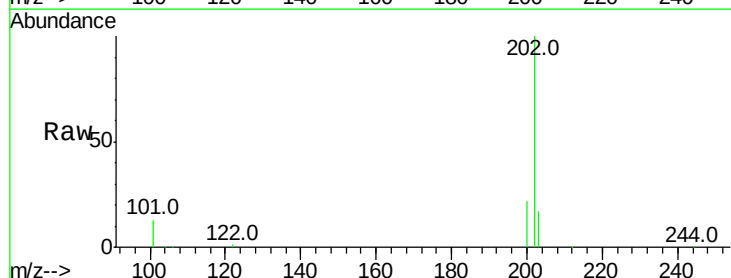
Tgt Ion:202 Resp: 48607

Ion Ratio Lower Upper

202 100

200 21.4 16.6 25.0

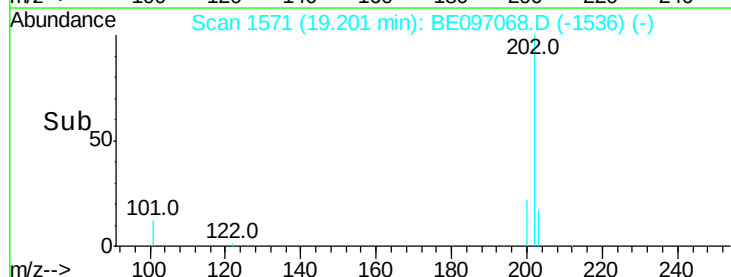
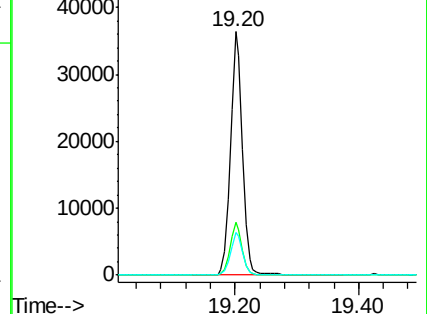
203 17.5 13.8 20.8

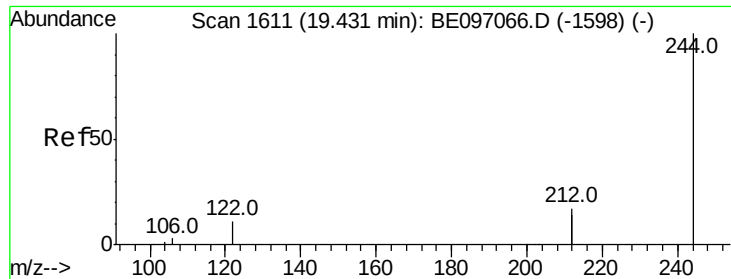


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 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

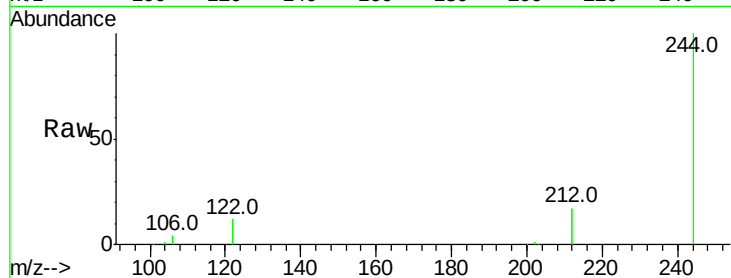
Tot Ion:244 Resp: 34807

Ion Ratio Lower Upper

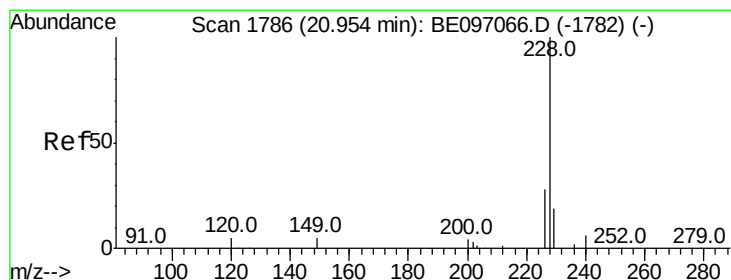
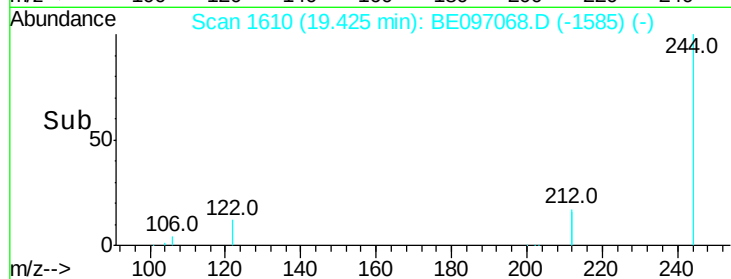
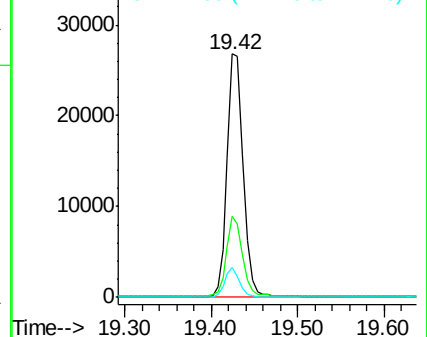
244 100

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

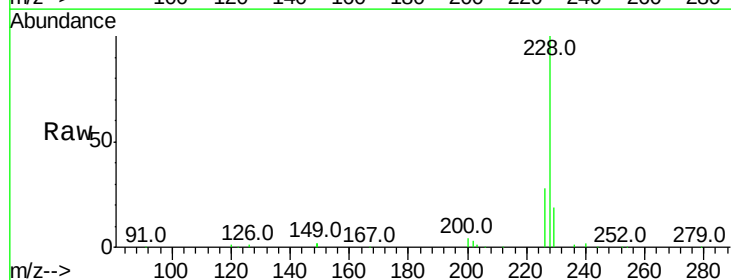
Tgt Ion:228 Resp: 45594

Ion Ratio Lower Upper

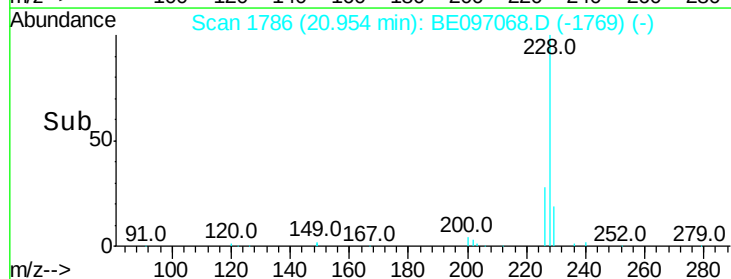
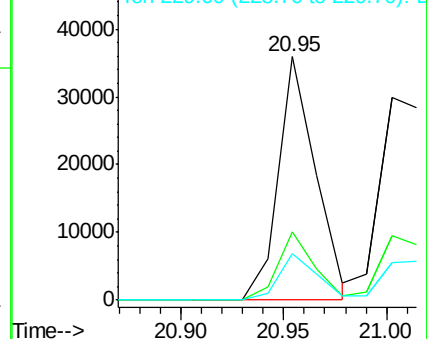
228 100

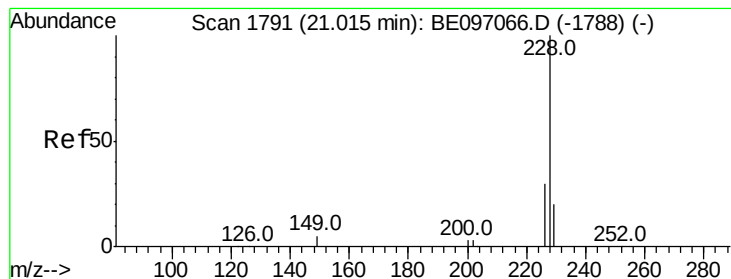
226 27.8 24.0 36.0

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 :

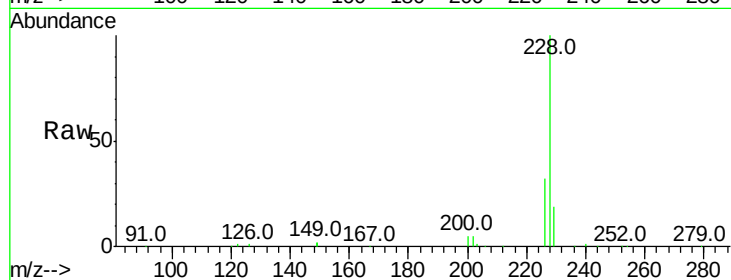
BNA_E

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

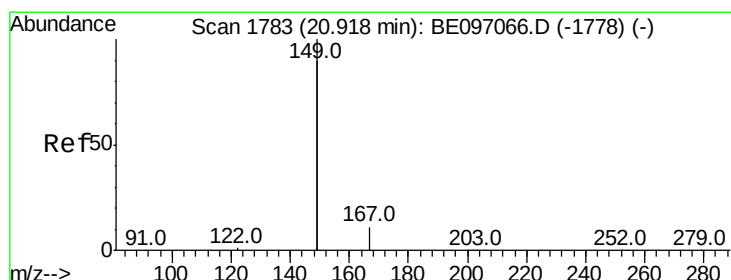
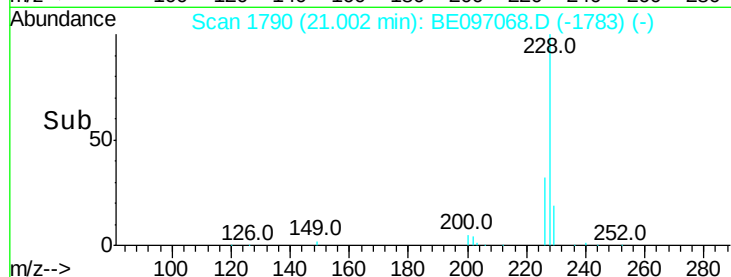
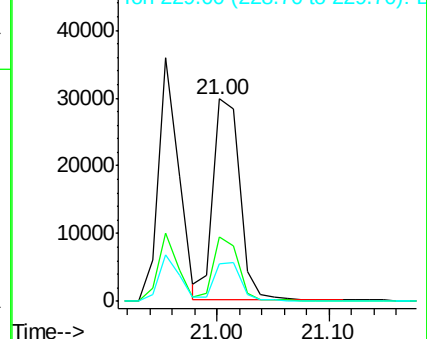


Abundance

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

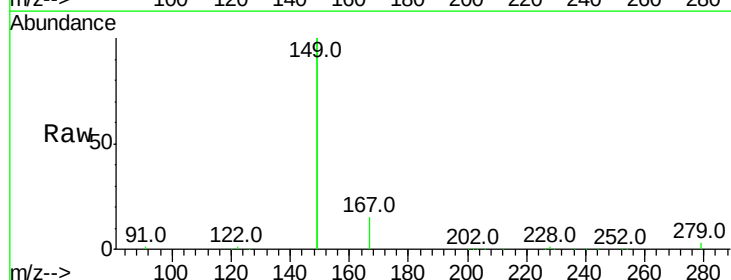
Delta R.T. 0.01 min

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

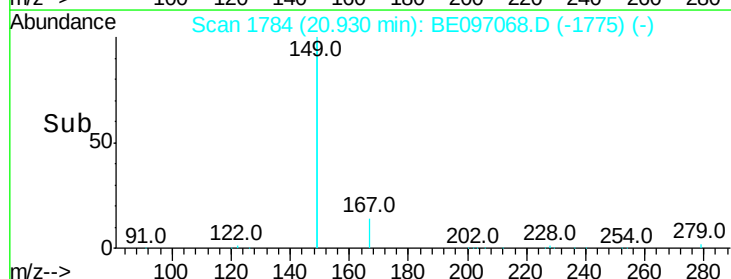
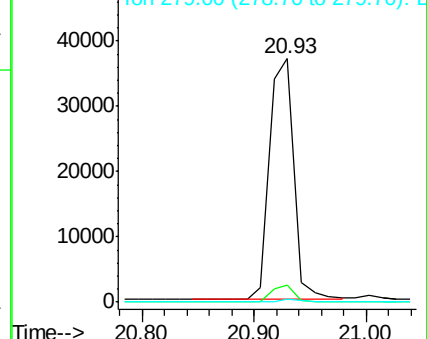


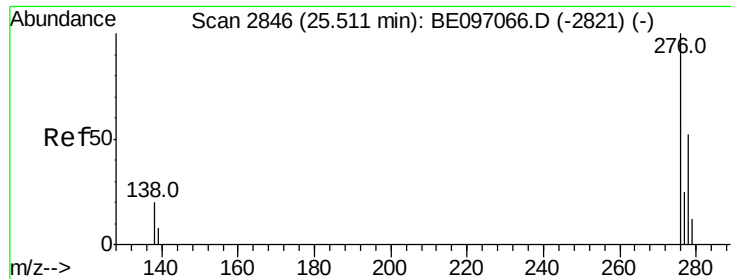
Abundance

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

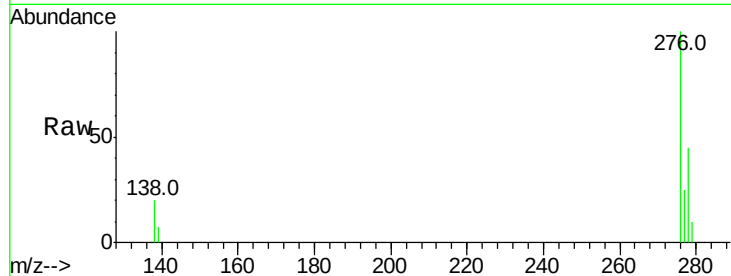




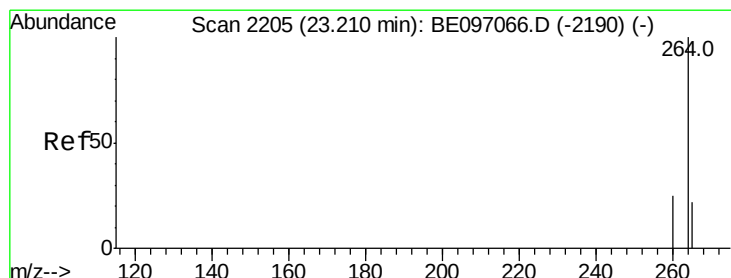
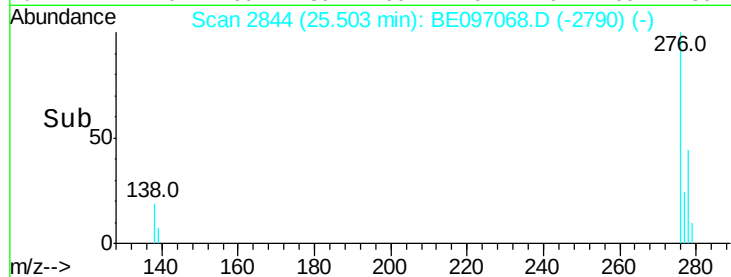
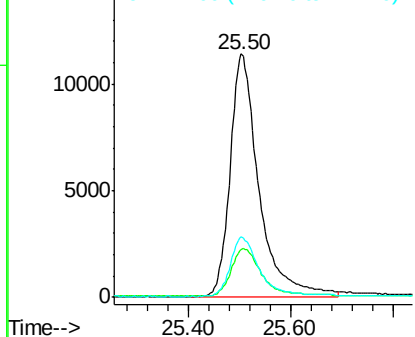
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 2.148 ng
 RT: 25.50 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BE097068.D
 Acq: 24 Jul 2018 11:20

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

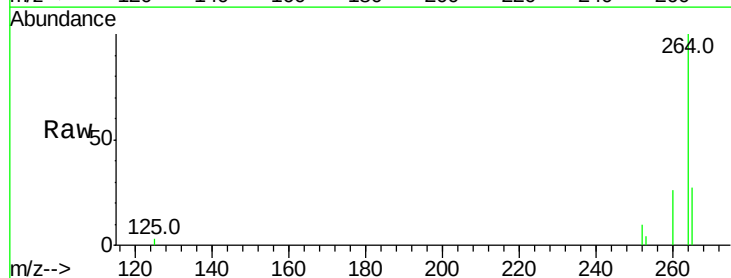


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

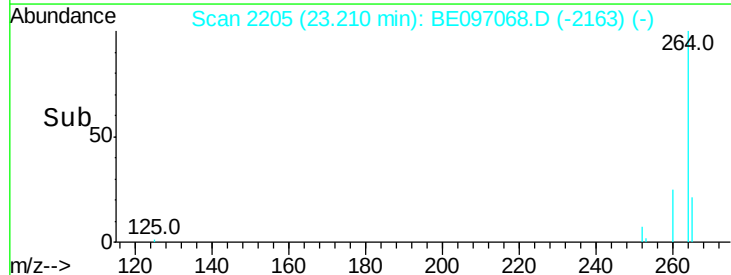
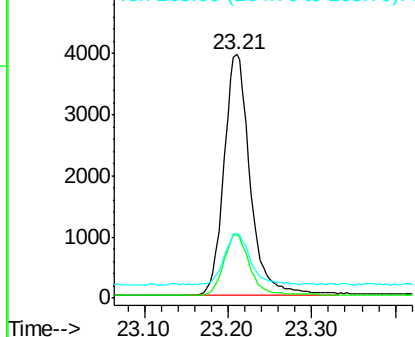


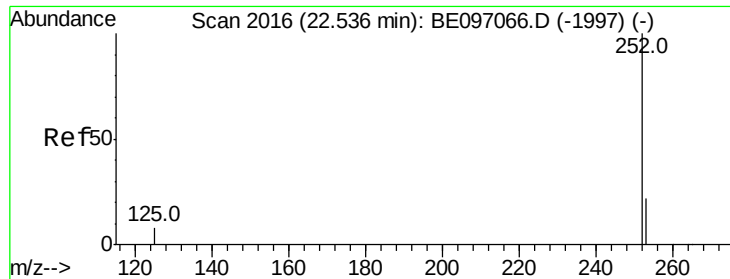
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: BE097068.D
 Acq: 24 Jul 2018 11:20

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



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: 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

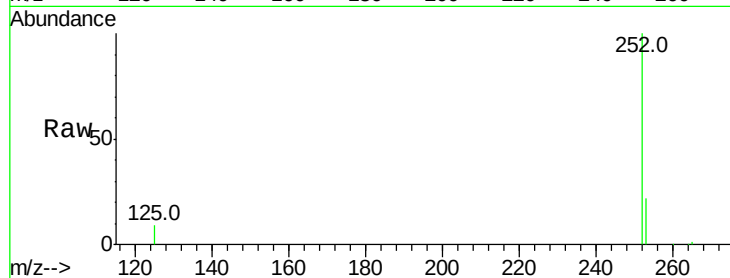
Tot Ion:252 Resp: 38149

Ion Ratio Lower Upper

252 100

253 21.9 20.0 30.0

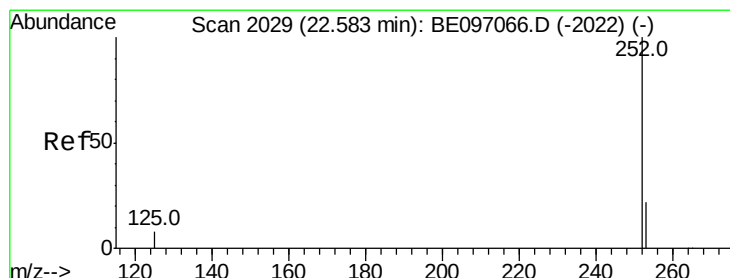
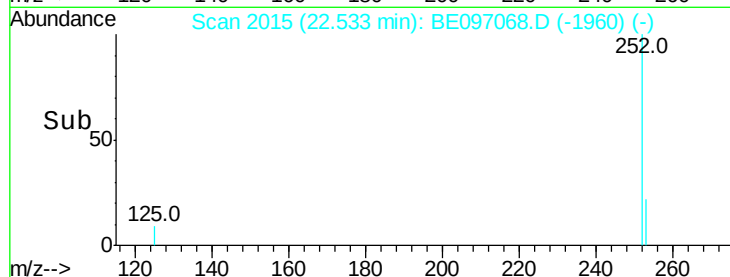
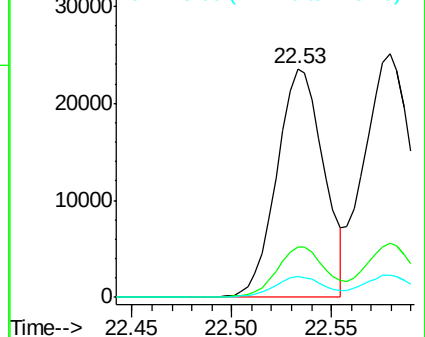
125 9.2 16.0 24.0#



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: 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

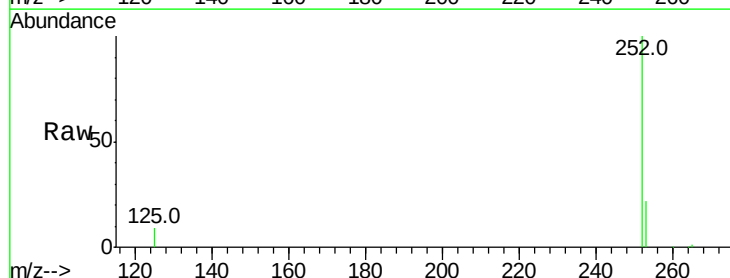
Tgt Ion:252 Resp: 46419

Ion Ratio Lower Upper

252 100

253 22.2 16.0 24.0

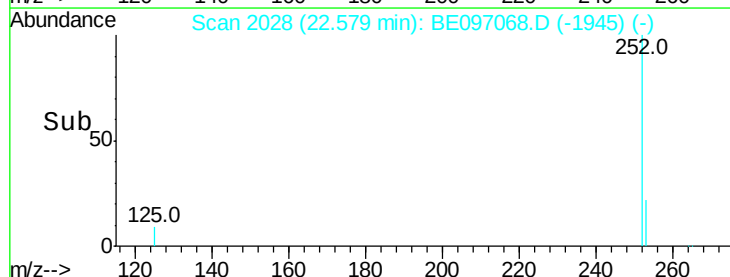
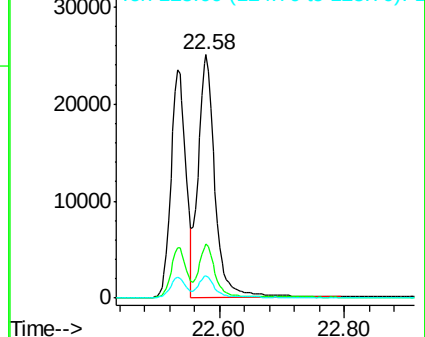
125 9.2 8.0 12.0

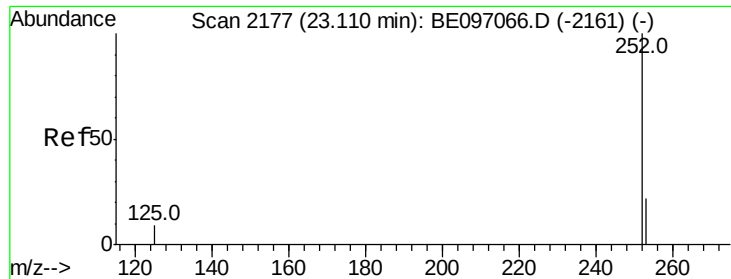


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

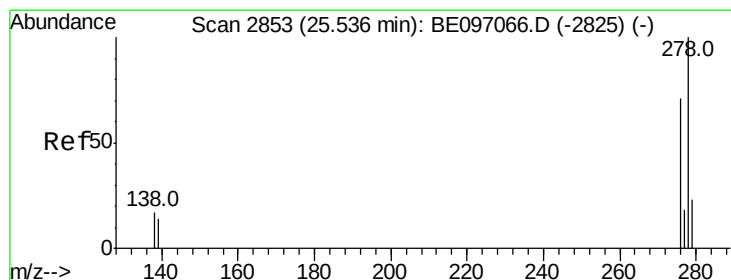
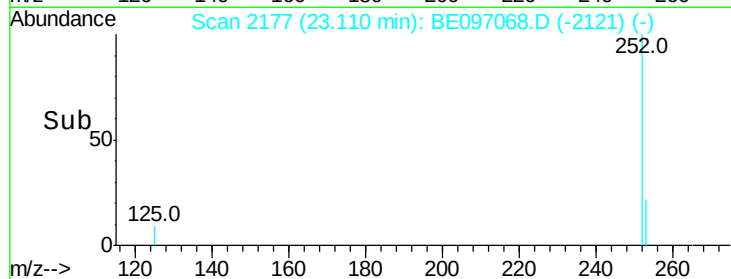
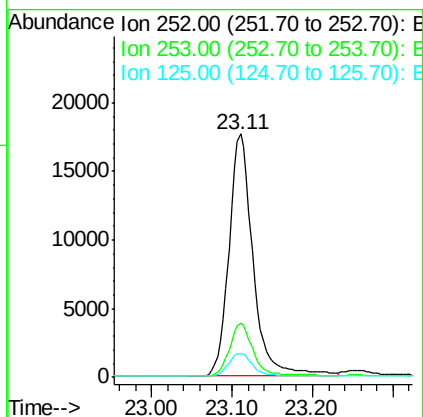
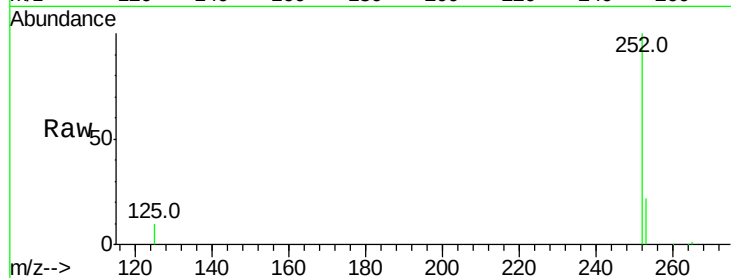




#37
Benzo(a)pyrene
Concen: 1.882 ng
RT: 23.11 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

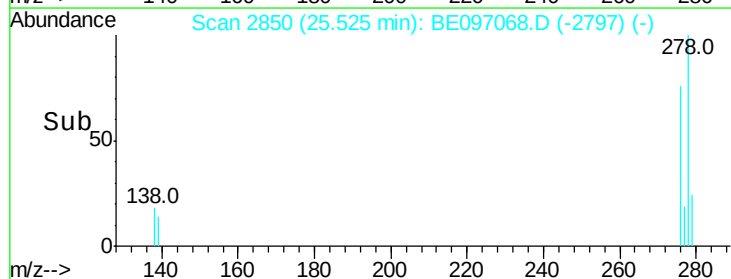
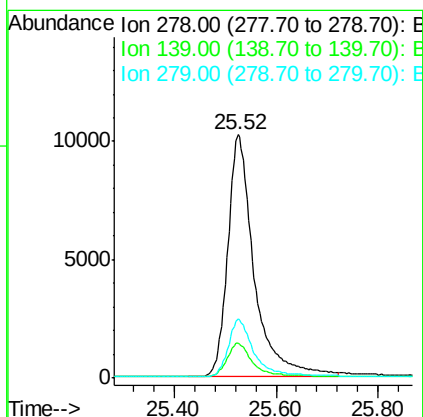
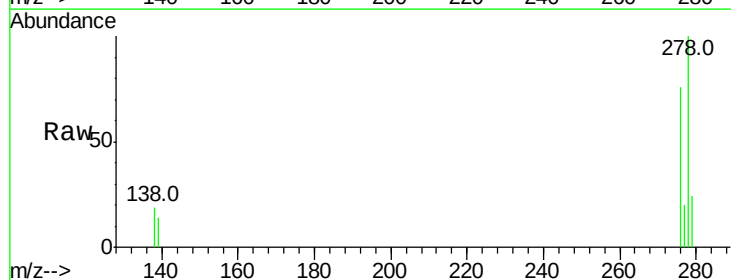
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

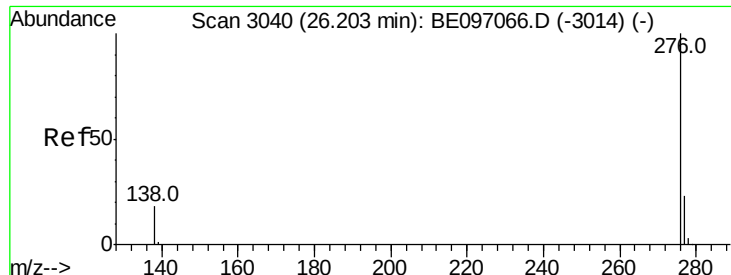
Tot Ion:252 Resp: 36610
Ion Ratio Lower Upper
252 100
253 22.4 16.0 24.0
125 9.9 12.0 18.0#



#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





#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

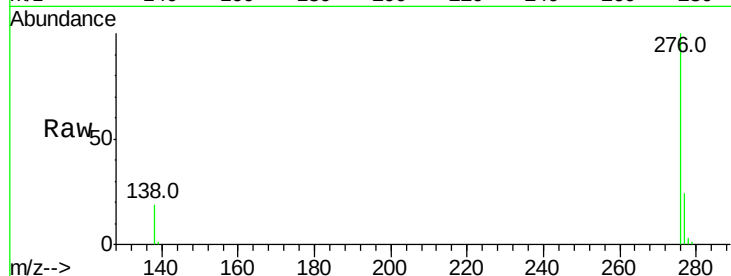
Tot Ion:276 Resp: 38146

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

