

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE073118\
 Data File : BE097118.D
 Acq On : 31 Jul 2018 12:23
 Operator : SJ/JU
 Sample : J4211-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 31 13:49:21 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 31 10:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1562	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	7429	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	4676	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	12781	0.40	ng	0.00
27) Chrysene-d12	20.98	240	14920	0.40	ng	0.00
34) Perylene-d12	23.21	264	14056	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	949	0.22	ng	0.01
5) Phenol-d6	6.60	99	804	0.12	ng	0.00
8) Nitrobenzene-d5	8.52	82	3288	0.51	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	6087	0.55	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	982	0.64	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	8158	0.51	ng	0.00
25) Fluoranthene-d10	18.81	212	69466	0.54	ng	0.00
29) Terphenyl-d14	19.43	244	15047	0.52	ng	0.00

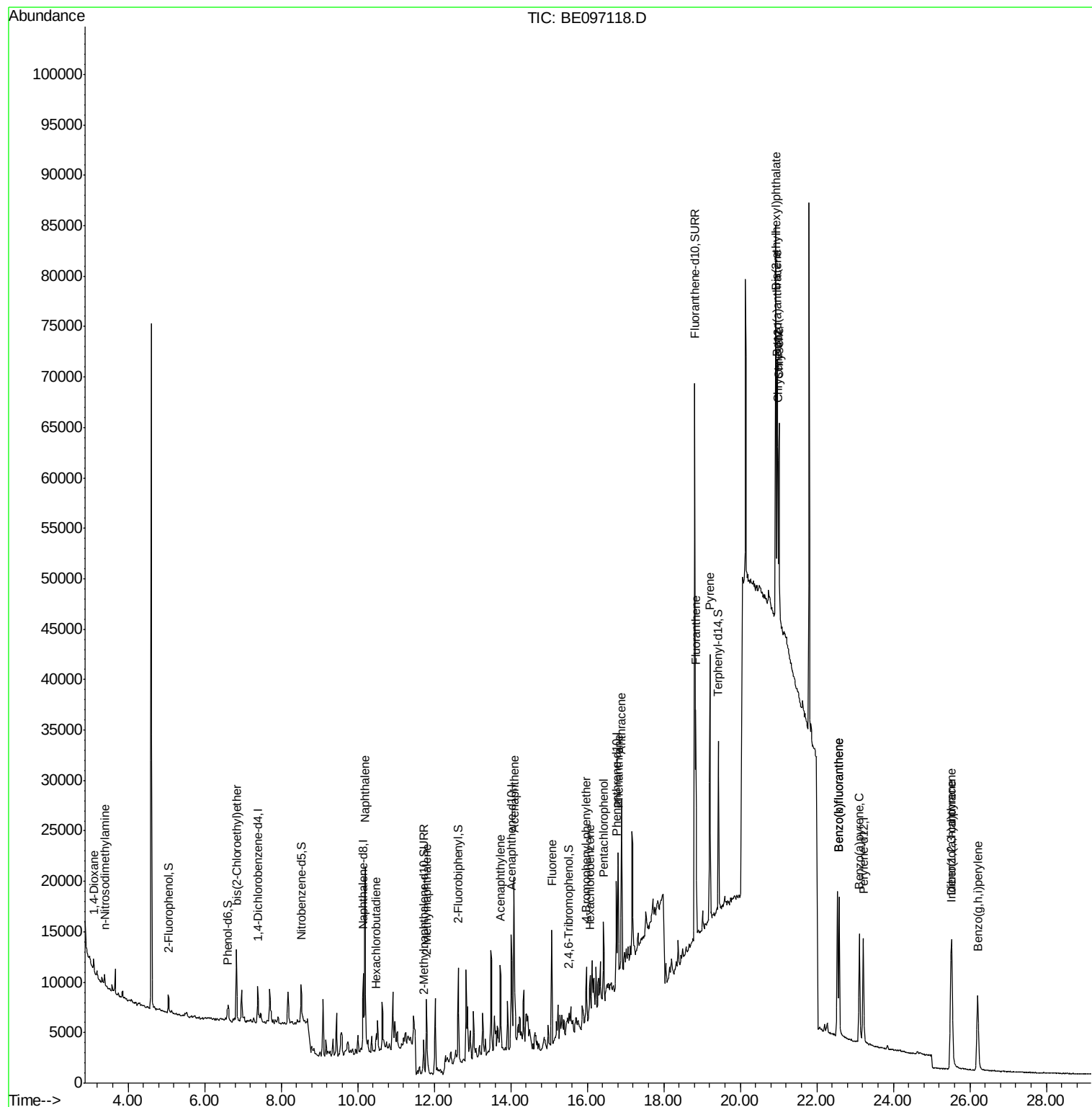
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	601	0.242	ng	# 54
3) n-Nitrosodimethylamine	3.38	42	511	0.184	ng	# 92
6) bis(2-Chloroethyl)ether	6.84	93	2447	0.416	ng	# 91
9) Naphthalene	10.20	128	31687	0.475	ng	99
10) Hexachlorobutadiene	10.48	225	1116	0.374	ng	94
12) 2-Methylnaphthalene	11.80	142	5665	0.495	ng	# 92
16) Acenaphthylene	13.73	152	9301	0.443	ng	96
17) Acenaphthene	14.08	154	8693	0.713	ng	94
18) Fluorene	15.08	166	7724	0.479	ng	# 80
20) 4-Bromophenyl-phenylether	15.97	248	2454	0.395	ng	# 72
21) Hexachlorobenzene	16.08	284	2264	0.340	ng	# 66
22) Pentachlorophenol	16.43	266	3445	1.630	ng	# 71
23) Phenanthrene	16.81	178	15613	0.513	ng	# 90
24) Anthracene	16.89	178	19010	0.698	ng	# 92
26) Fluoranthene	18.84	202	20652	0.604	ng	96
28) Pyrene	19.20	202	24236	0.592	ng	97
30) Benzo(a)anthracene	20.95	228	20866	0.562	ng	# 86
31) Chrysene	21.01	228	18353	0.461	ng	# 84
32) Bis(2-ethylhexyl)phthalate	20.93	149	50147	1.144	ng	# 98
33) Indeno(1,2,3-cd)pyrene	25.50	276	19680	0.546	ng	# 92
35) Benzo(b)fluoranthene	22.58	252	18013	0.505	ng	92
36) Benzo(k)fluoranthene	22.58	252	18013	0.433	ng	# 80
37) Benzo(a)pyrene	23.11	252	16692	0.498	ng	# 86
38) Dibenzo(a,h)anthracene	25.53	278	15938	0.476	ng	98
39) Benzo(g,h,i)perylene	26.21	276	16687	0.469	ng	# 90

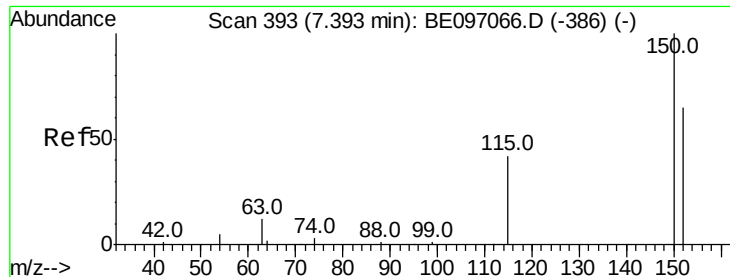
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE073118\
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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: BE097118.D

Acq: 31 Jul 2018 12:23

Instrument :

BNA_E

ClientSampleId :

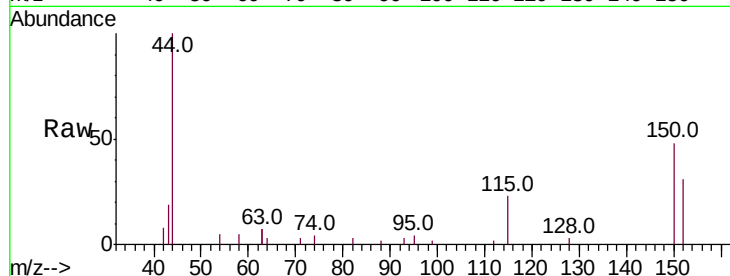
Tot Ion:152 Resp: 1562

Ion Ratio Lower Upper

152 100

150 156.0 117.2 175.8

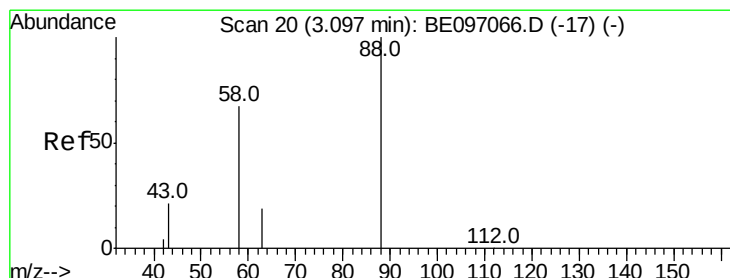
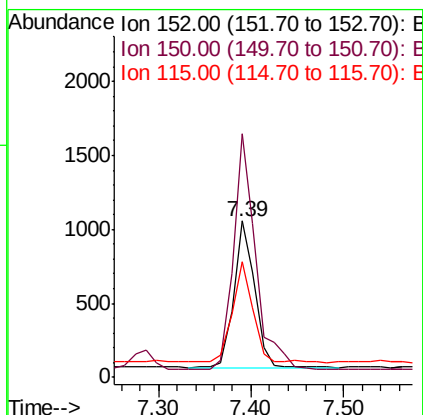
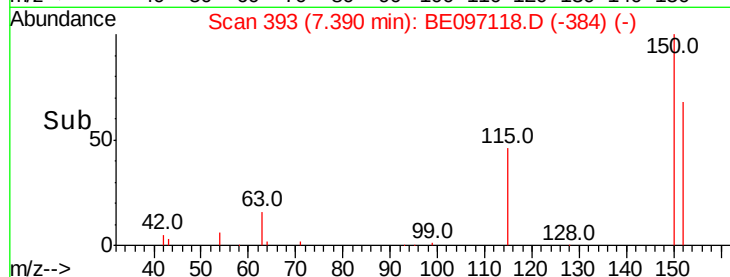
115 73.7 57.0 85.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.242 ng

RT: 3.09 min Scan# 20

Delta R.T. 0.00 min

Lab File: BE097118.D

Acq: 31 Jul 2018 12:23

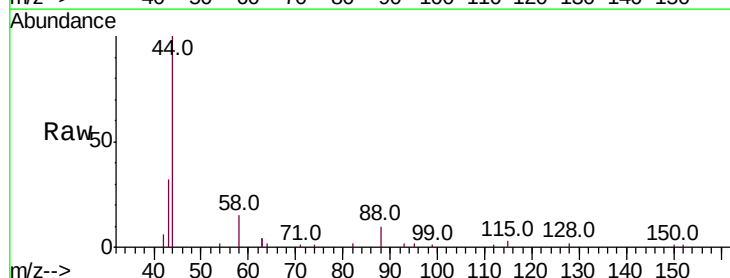
Tgt Ion: 88 Resp: 601

Ion Ratio Lower Upper

88 100

58 103.0 63.2 94.8#

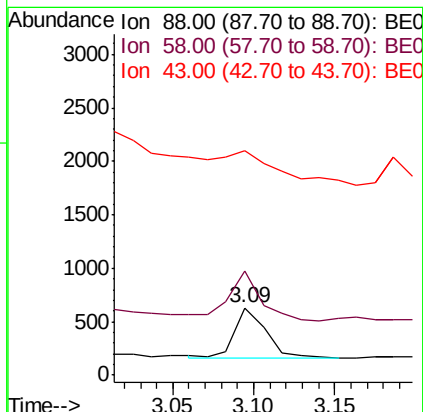
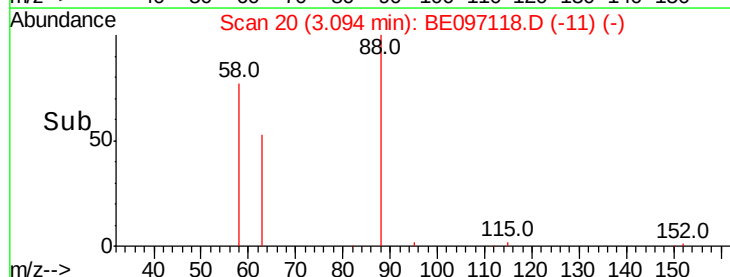
43 0.0 41.2 61.8#

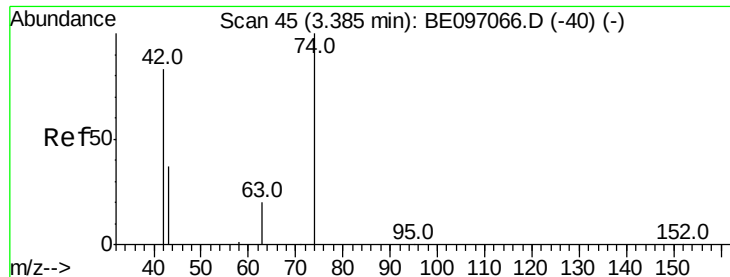


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.184 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE097118.D

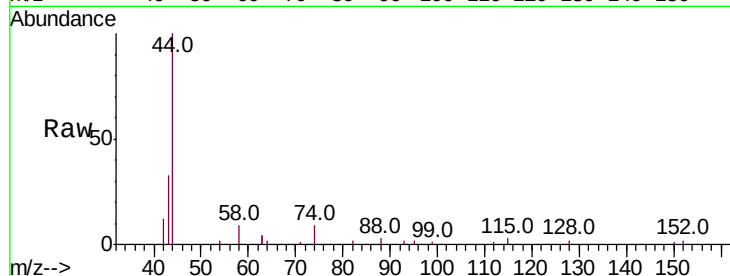
Acq: 31 Jul 2018 12:23

Instrument :

BNA_E

ClientSampleId :

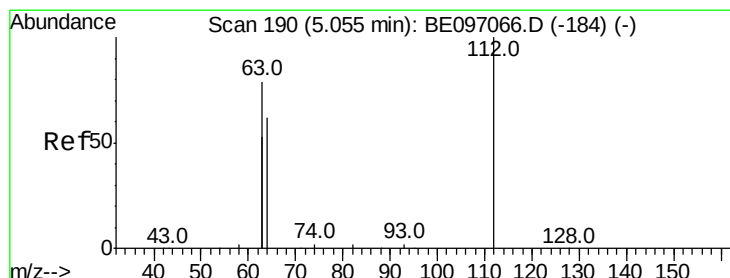
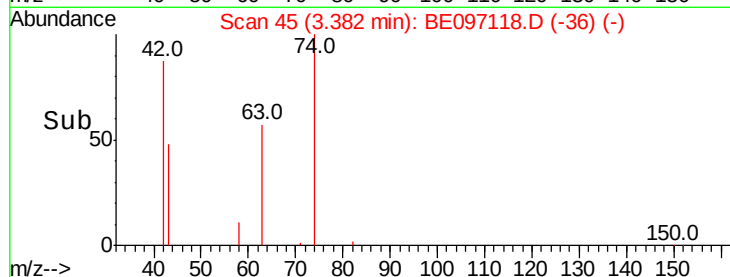
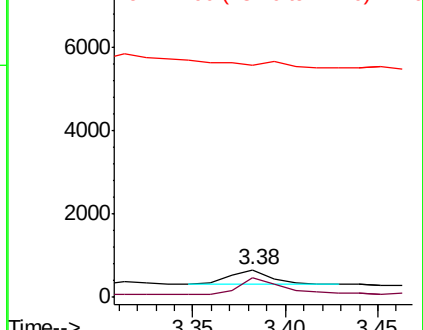
Tot Ion:	42	Resp:	511
Ion	Ratio	Lower	Upper
42	100		
74	124.9	96.0	144.0
44	0.0	12.0	18.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.216 ng

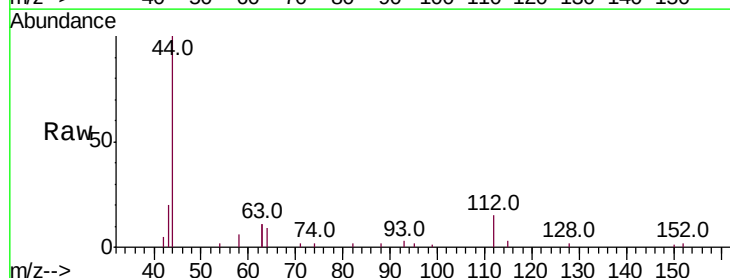
RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097118.D

Acq: 31 Jul 2018 12:23

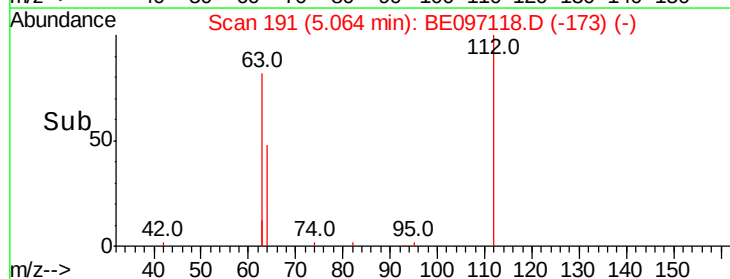
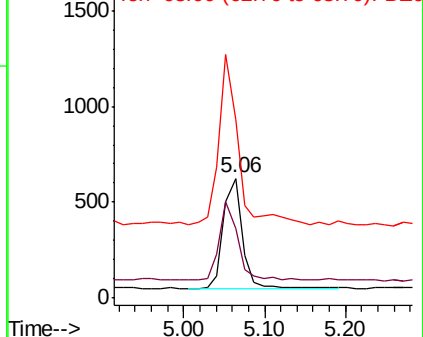
Tgt Ion:	112	Resp:	949
Ion	Ratio	Lower	Upper
112	100		
64	68.9	60.1	90.1
63	149.9	116.8	175.2

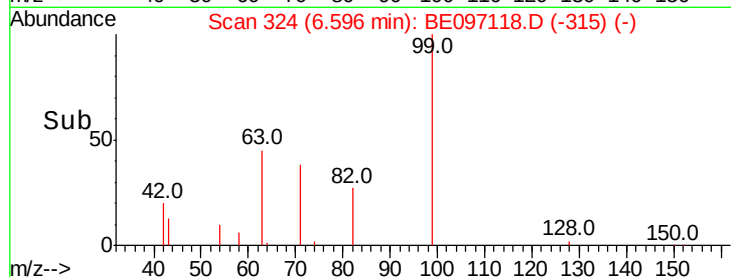
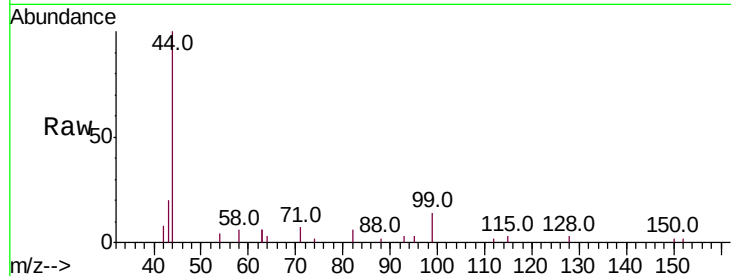
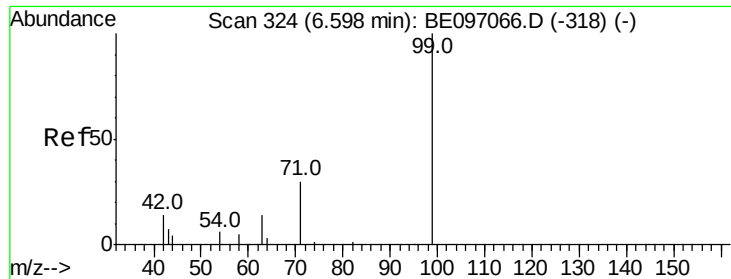


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.125 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE097118.D

Acq: 31 Jul 2018 12:23

Instrument :

BNA_E

ClientSampleId :

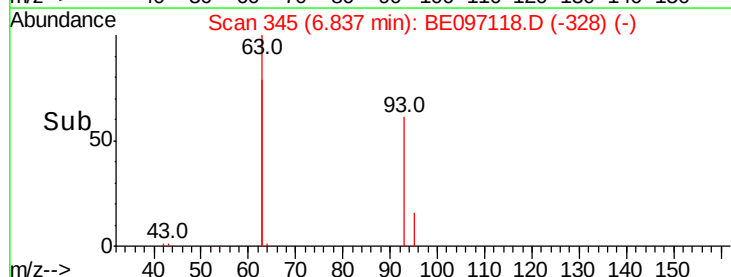
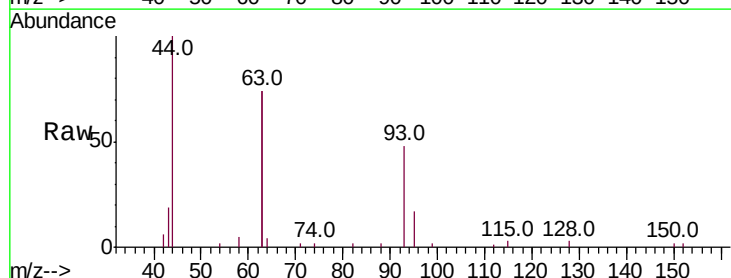
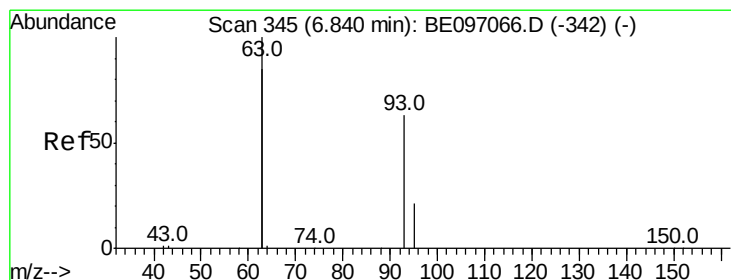
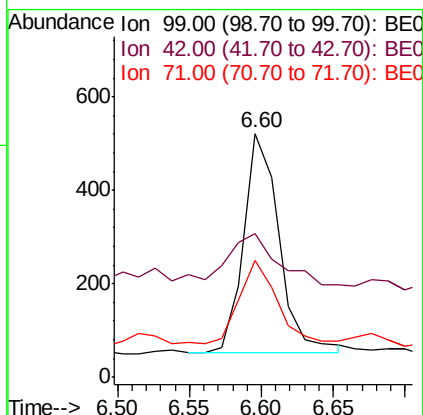
Tot Ion: 99 Resp: 804

Ion Ratio Lower Upper

99 100

42 30.8 20.2 30.2#

71 39.7 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.416 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE097118.D

Acq: 31 Jul 2018 12:23

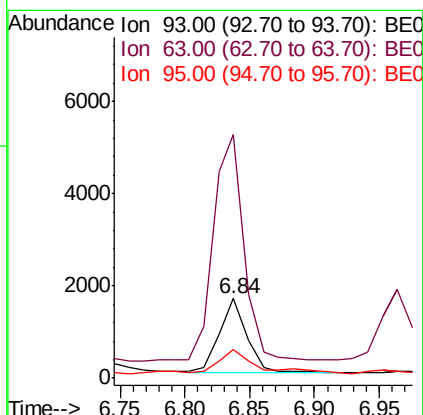
Tgt Ion: 93 Resp: 2447

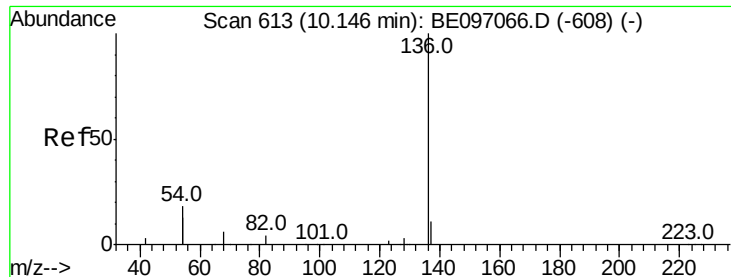
Ion Ratio Lower Upper

93 100

63 326.2 275.3 412.9

95 39.8 25.2 37.8#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097118.D

Acq: 31 Jul 2018 12:23

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 7429

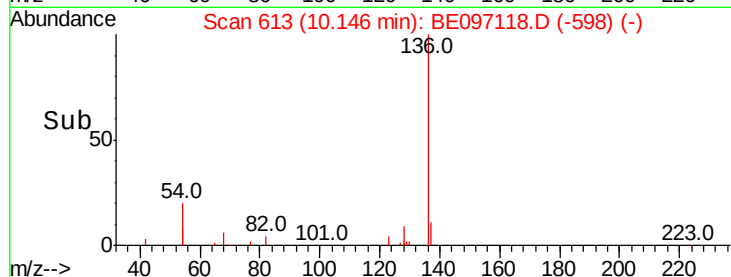
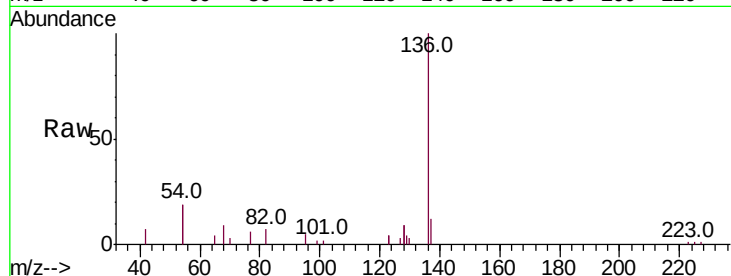
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 38.5 29.1 43.7

68 8.8 6.2 9.2

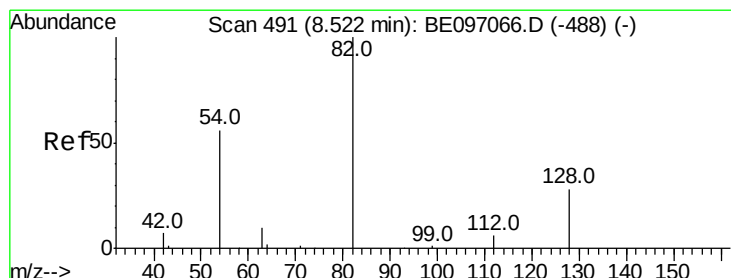
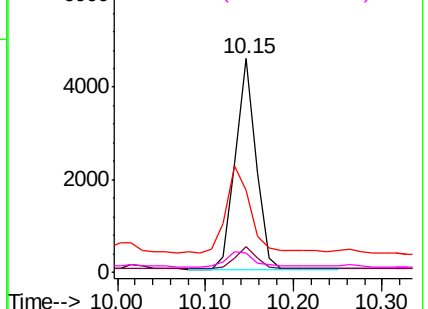


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.509 ng

RT: 8.52 min Scan# 491

Delta R.T. 0.00 min

Lab File: BE097118.D

Acq: 31 Jul 2018 12:23

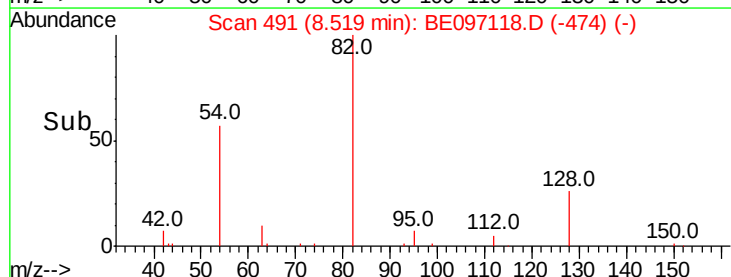
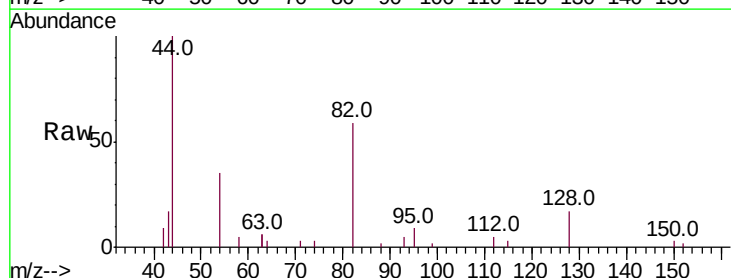
Tgt Ion: 82 Resp: 3288

Ion Ratio Lower Upper

82 100

128 28.5 24.0 36.0

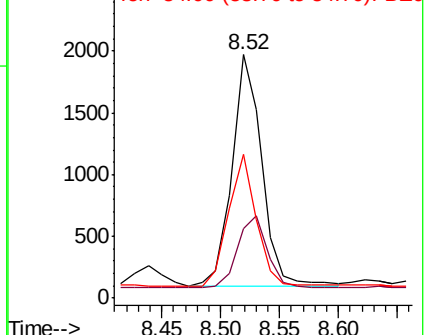
54 58.9 40.0 60.0

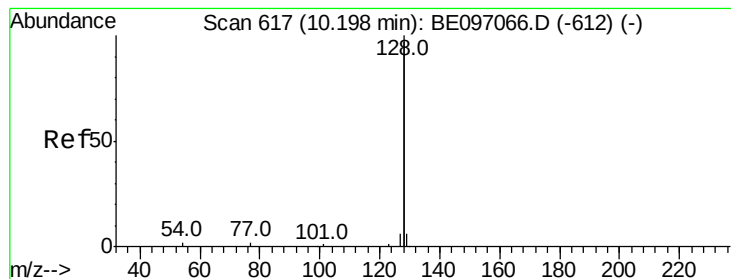


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.475 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE097118.D

Acq: 31 Jul 2018 12:23

Instrument :

BNA_E

ClientSampleId :

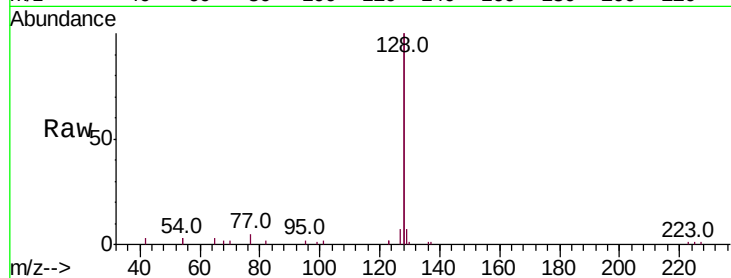
Tot Ion:128 Resp: 31687

Ion Ratio Lower Upper

128 100

129 3.5 2.6 3.8

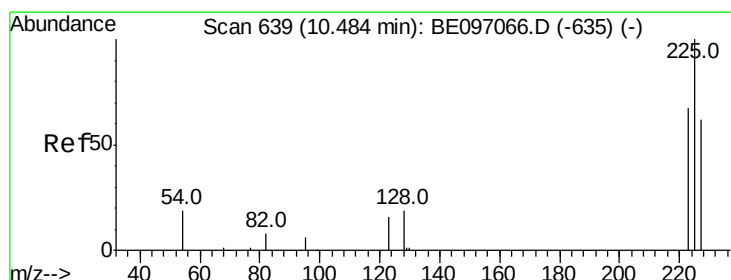
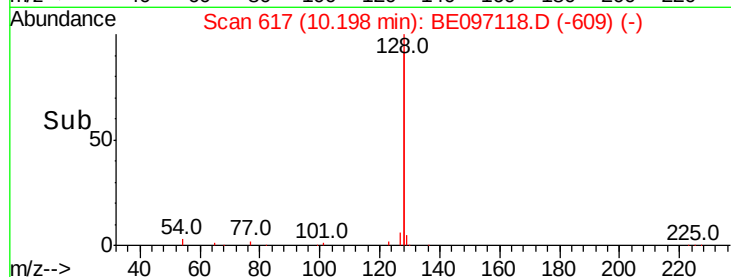
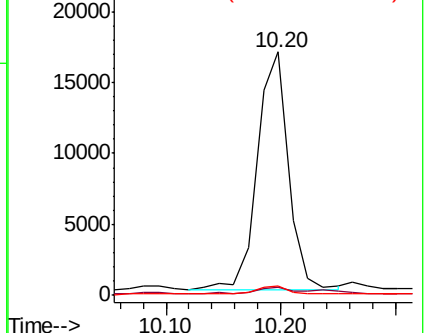
127 3.6 2.8 4.2



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: 0.374 ng

RT: 10.48 min Scan# 639

Delta R.T. 0.00 min

Lab File: BE097118.D

Acq: 31 Jul 2018 12:23

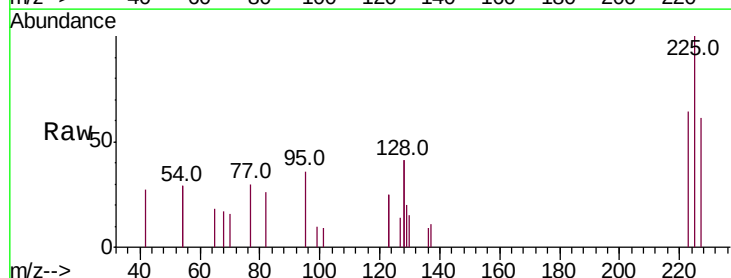
Tgt Ion:225 Resp: 1116

Ion Ratio Lower Upper

225 100

223 60.5 53.0 79.6

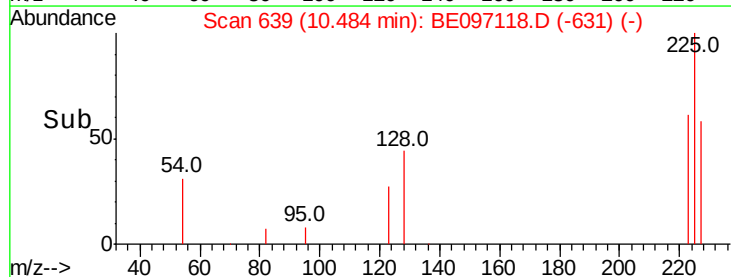
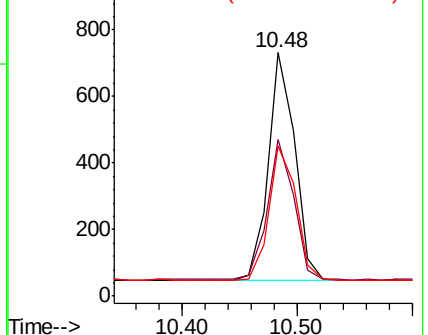
227 59.9 51.4 77.2

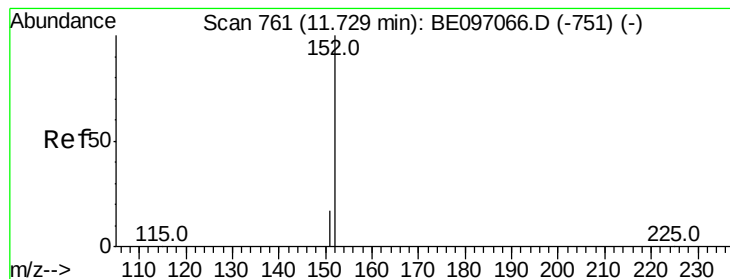


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

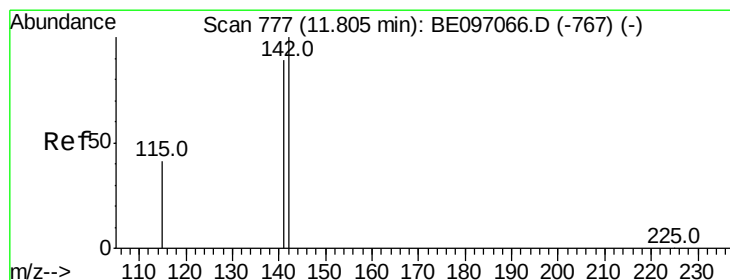
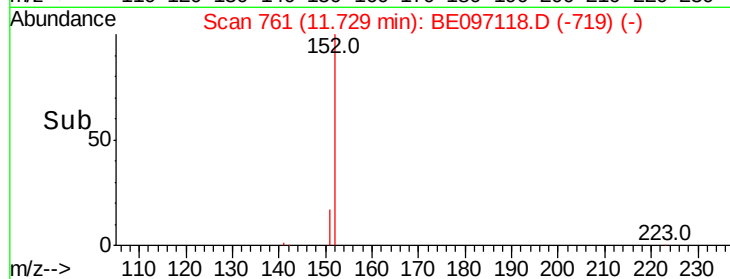
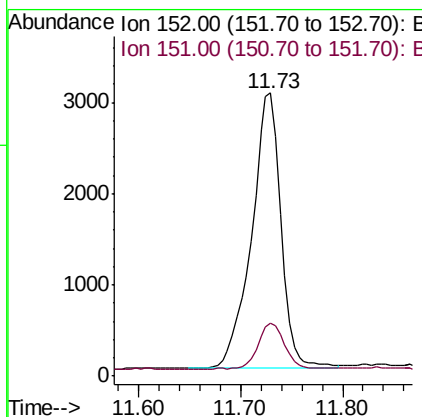
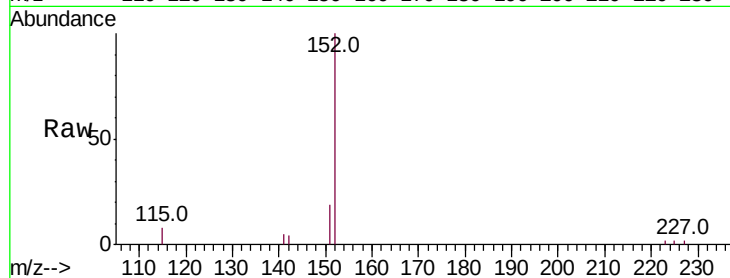




#11
 2-Methylnaphthalene-d10
 Concen: 0.547 ng
 RT: 11.73 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BE097118.D
 Acq: 31 Jul 2018 12:23

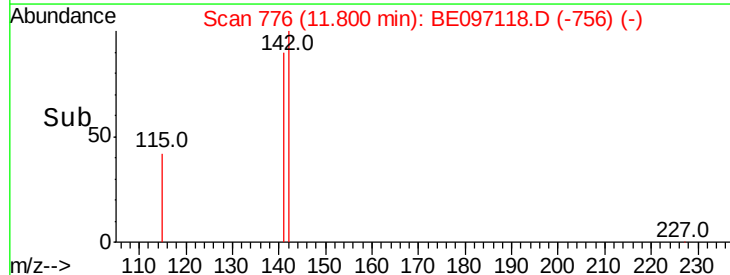
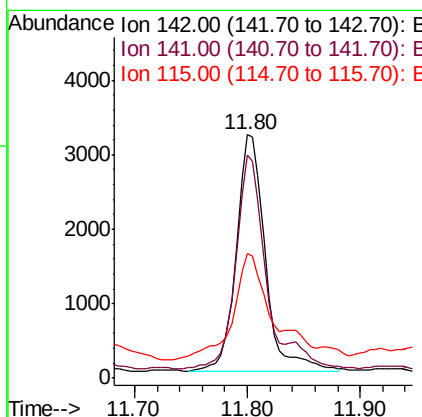
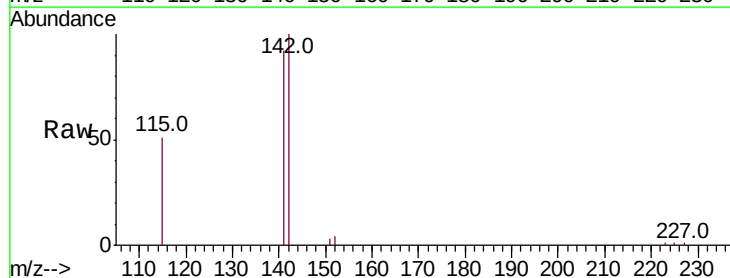
Instrument :
 BNA_E
 ClientSampleId :

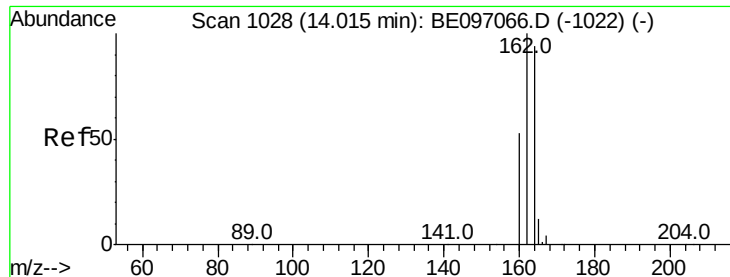
Tot Ion:152 Resp: 6087
 Ion Ratio Lower Upper
 152 100
 151 14.6 15.4 23.0#



#12
 2-Methylnaphthalene
 Concen: 0.495 ng
 RT: 11.80 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BE097118.D
 Acq: 31 Jul 2018 12:23

Tgt Ion:142 Resp: 5665
 Ion Ratio Lower Upper
 142 100
 141 91.6 70.4 105.6
 115 51.0 31.7 47.5#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BE097118.D

Acq: 31 Jul 2018 12:23

Instrument :

BNA_E

ClientSampleId :

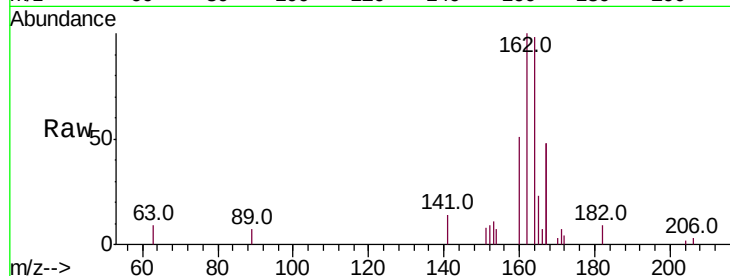
Tot Ion:164 Resp: 4676

Ion Ratio Lower Upper

164 100

162 102.1 83.1 124.7

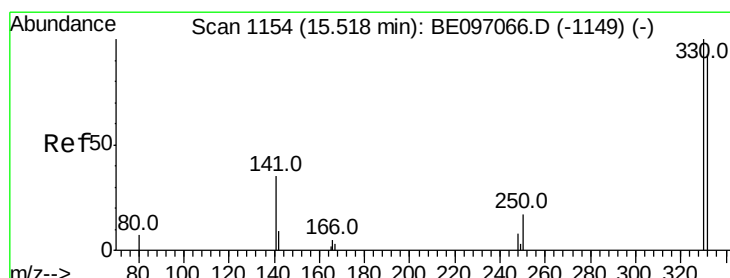
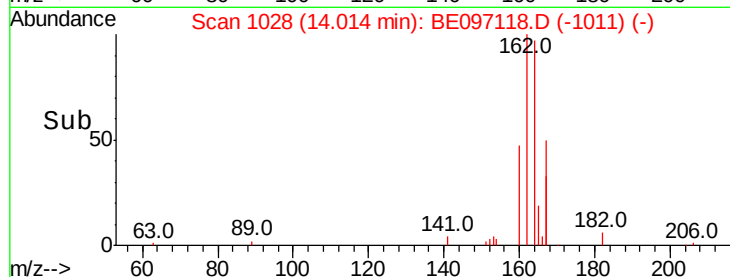
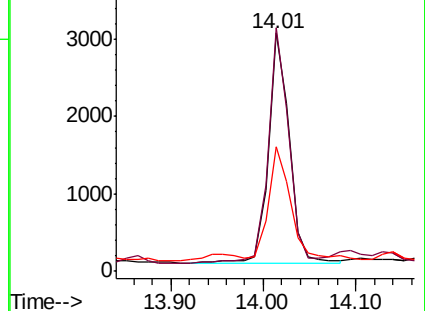
160 52.5 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.638 ng

RT: 15.52 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097118.D

Acq: 31 Jul 2018 12:23

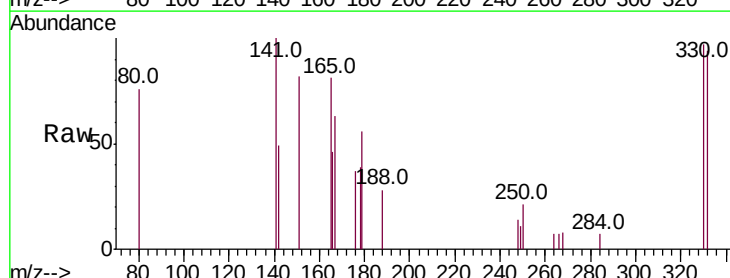
Tgt Ion:330 Resp: 982

Ion Ratio Lower Upper

330 100

332 98.5 152.7 229.1#

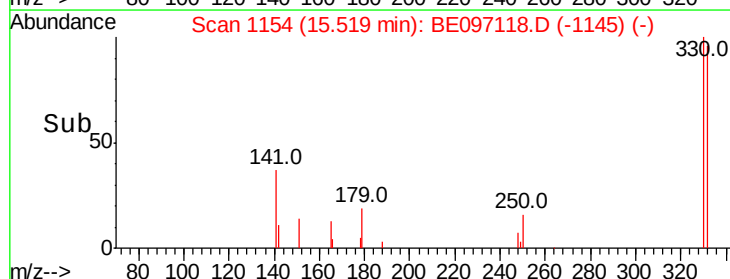
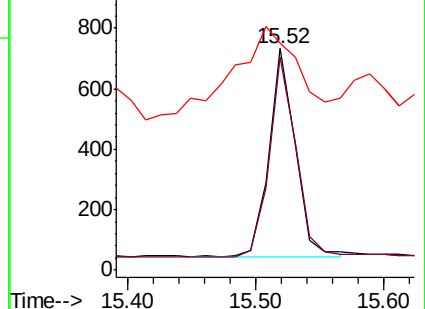
141 96.0 33.7 50.5#

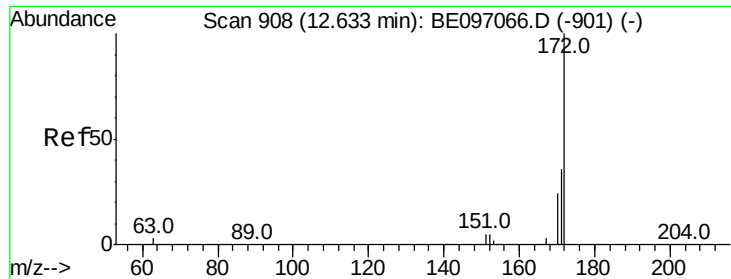


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

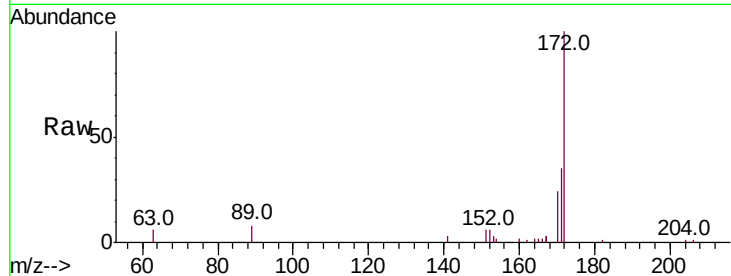




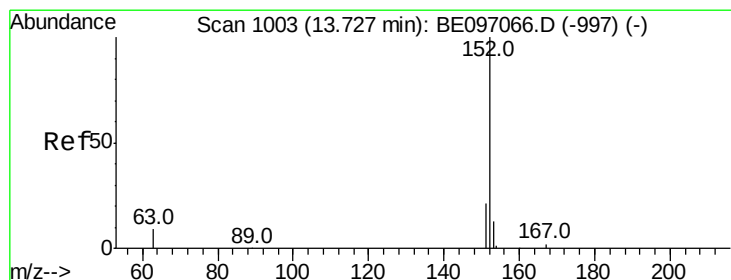
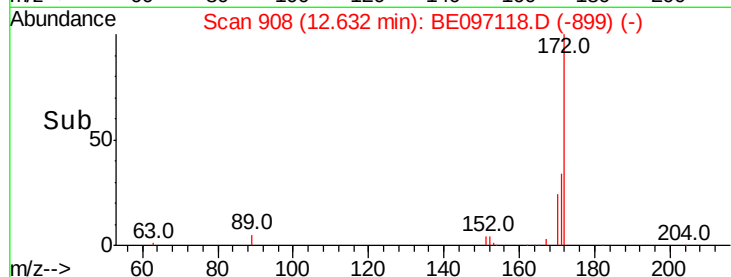
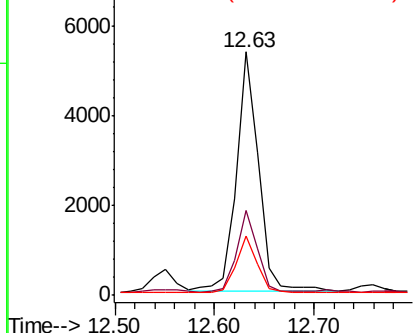
#15
2-Fluorobiphenyl
Concen: 0.505 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097118.D
Acq: 31 Jul 2018 12:23

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 8158
Ion Ratio Lower Upper
172 100
171 34.9 29.9 44.9
170 24.1 21.8 32.8

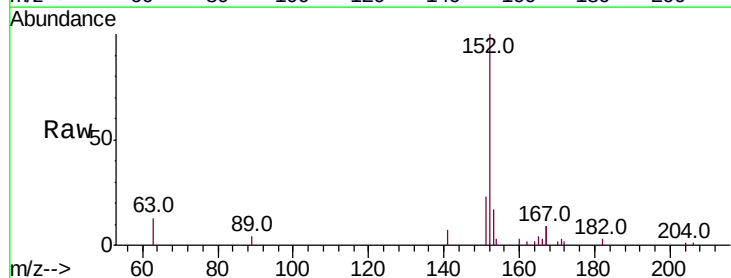


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

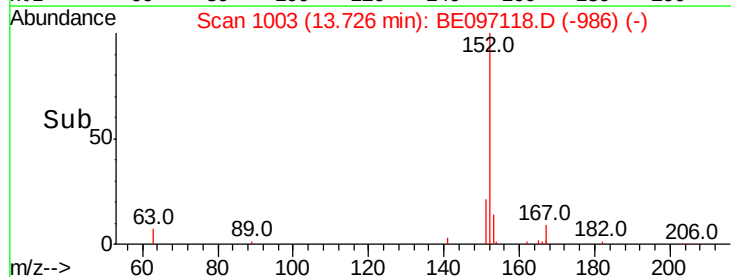
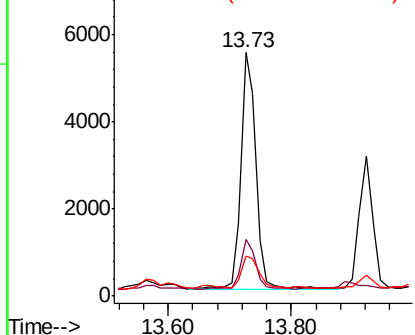


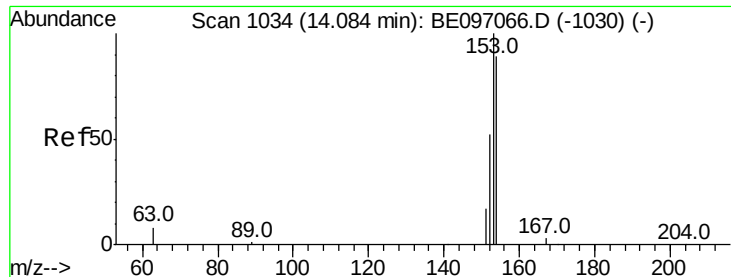
#16
Acenaphthylene
Concen: 0.443 ng
RT: 13.73 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE097118.D
Acq: 31 Jul 2018 12:23

Tgt Ion:152 Resp: 9301
Ion Ratio Lower Upper
152 100
151 20.6 15.7 23.5
153 15.6 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

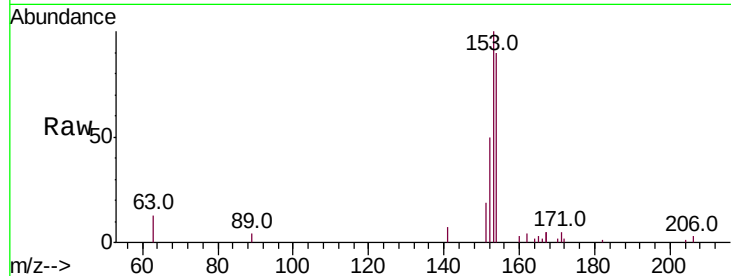




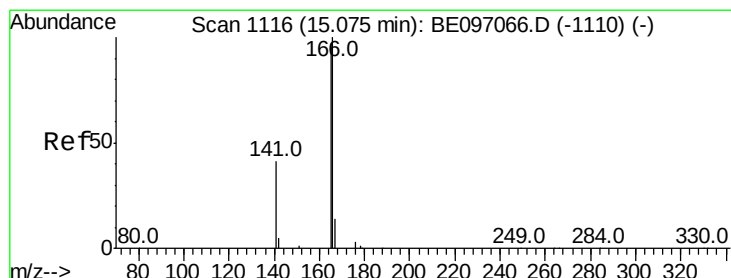
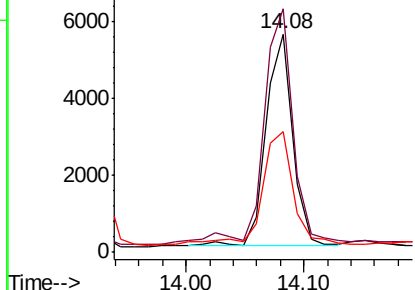
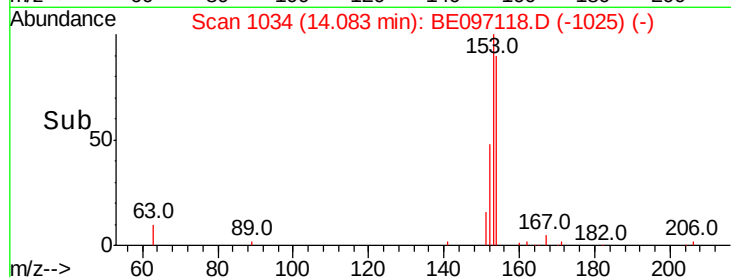
#17
Acenaphthene
Concen: 0.713 ng
RT: 14.08 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BE097118.D
Acq: 31 Jul 2018 12:23

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 8693
Ion Ratio Lower Upper
154 100
153 114.8 89.2 133.8
152 60.2 42.0 63.0

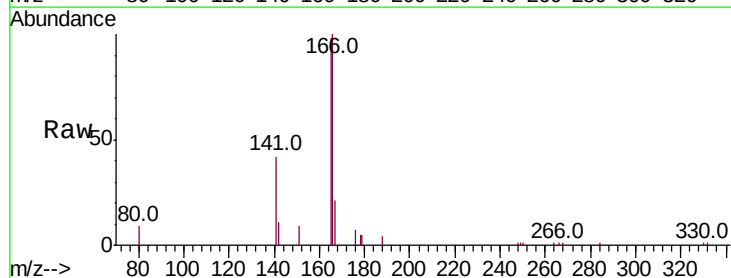


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

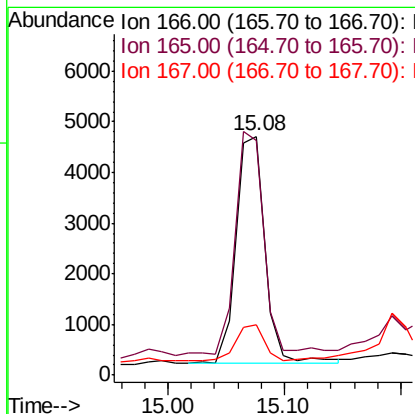
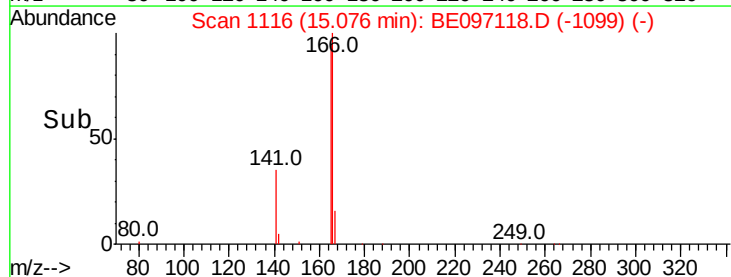


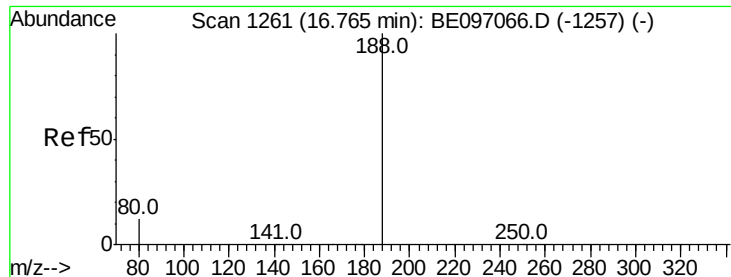
#18
Fluorene
Concen: 0.479 ng
RT: 15.08 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE097118.D
Acq: 31 Jul 2018 12:23

Tgt Ion:166 Resp: 7724
Ion Ratio Lower Upper
166 100
165 95.1 77.8 116.6
167 15.3 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: BE097118.D

Acq: 31 Jul 2018 12:23

Instrument :

BNA_E

ClientSampleId :

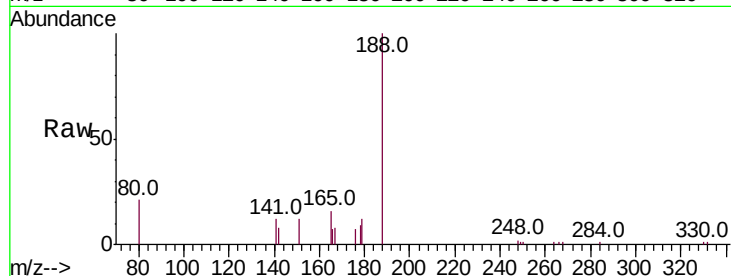
Tot Ion:188 Resp: 12781

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

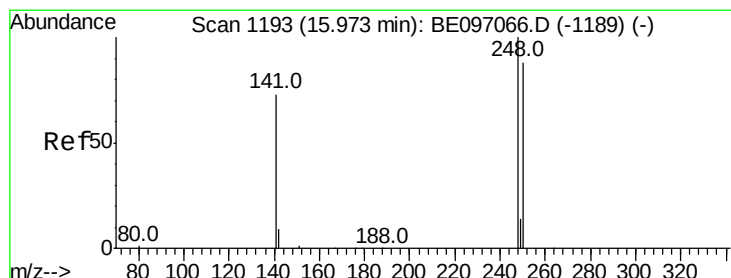
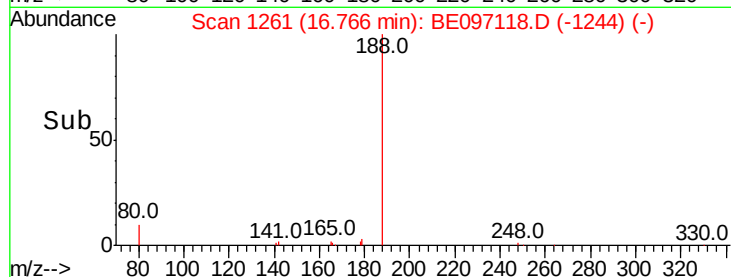
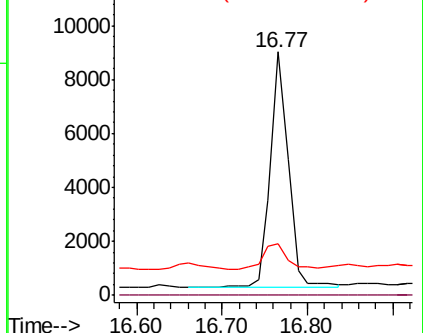
80 21.4 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.395 ng

RT: 15.97 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BE097118.D

Acq: 31 Jul 2018 12:23

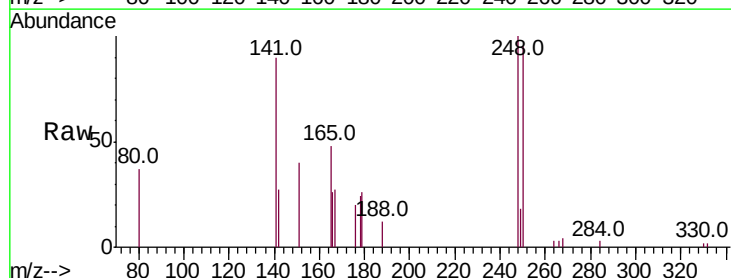
Tgt Ion:248 Resp: 2454

Ion Ratio Lower Upper

248 100

250 95.3 62.7 94.1#

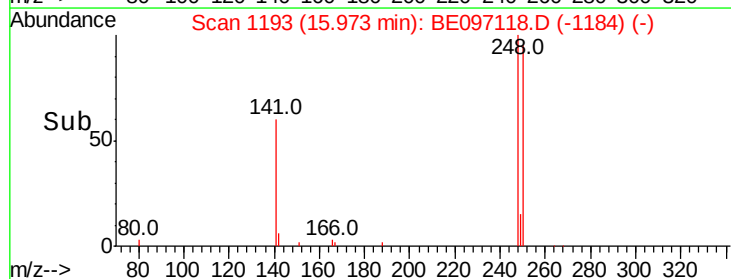
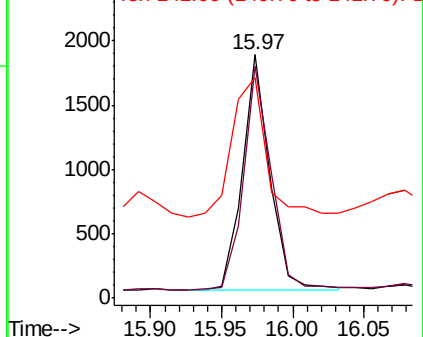
141 90.4 48.2 72.2#

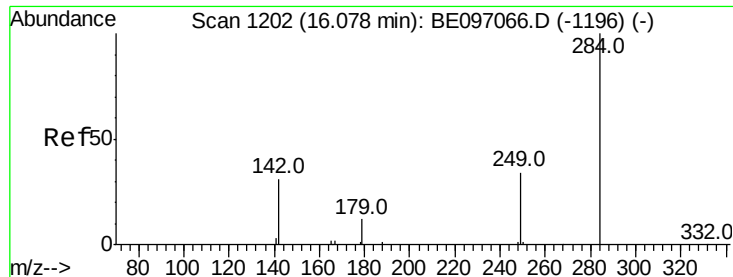


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

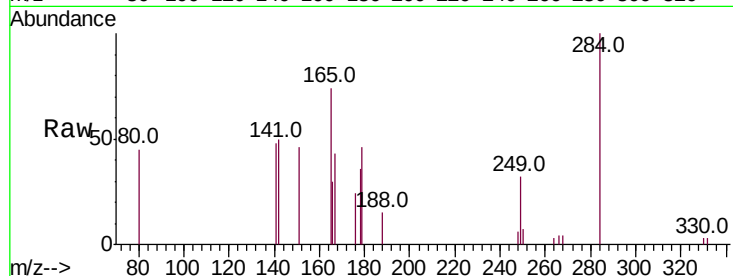




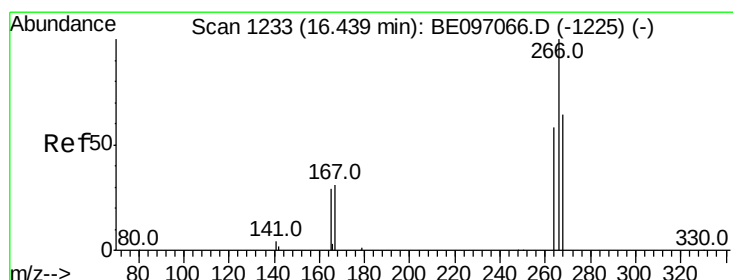
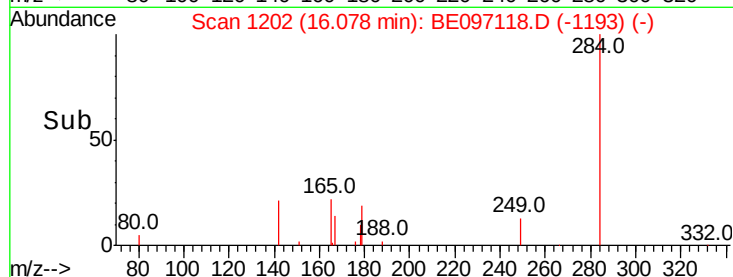
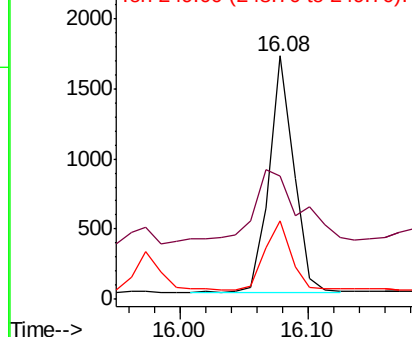
#21
Hexachlorobenzene
Concen: 0.340 ng
RT: 16.08 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BE097118.D
Acq: 31 Jul 2018 12:23

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 2264
Ion Ratio Lower Upper
284 100
142 57.1 22.1 33.1#
249 30.7 34.8 52.2#

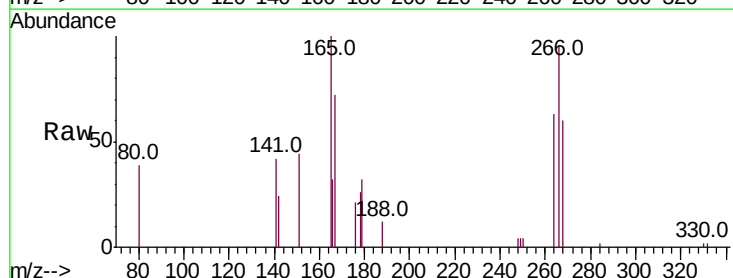


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

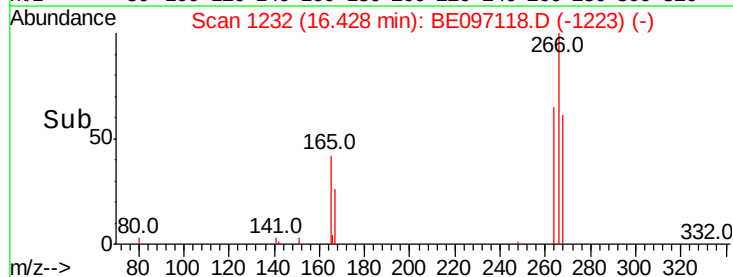
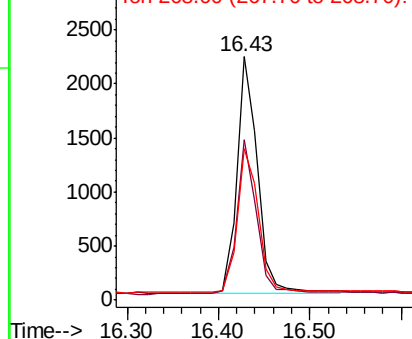


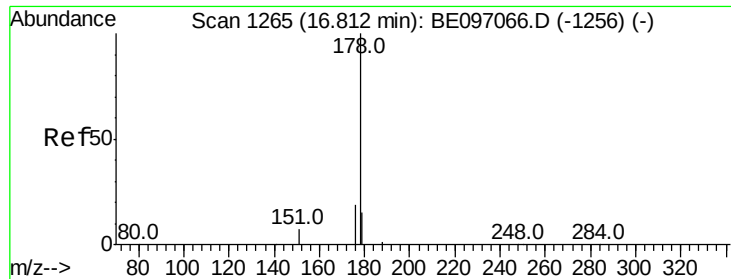
#22
Pentachlorophenol
Concen: 1.630 ng
RT: 16.43 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BE097118.D
Acq: 31 Jul 2018 12:23

Tgt Ion:266 Resp: 3445
Ion Ratio Lower Upper
266 100
264 65.9 72.5 108.7#
268 62.4 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

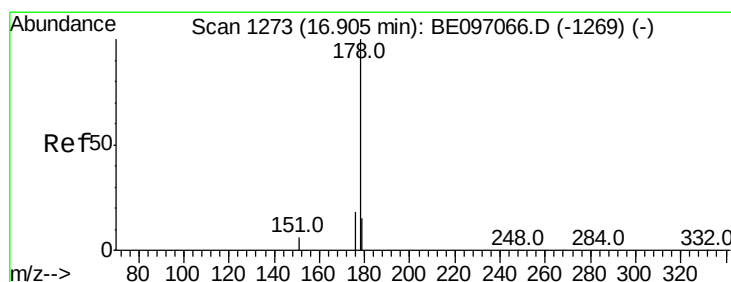
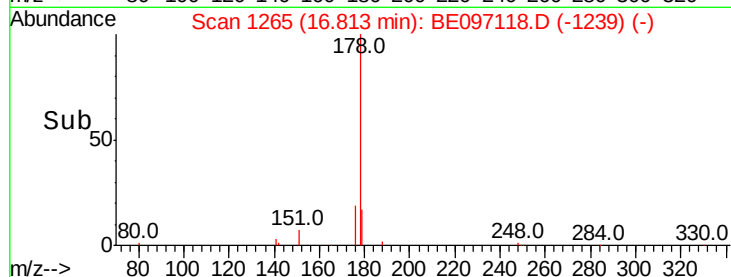
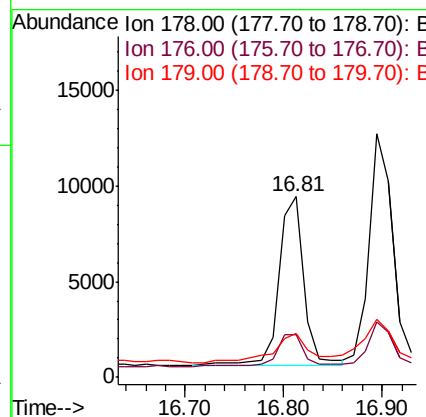
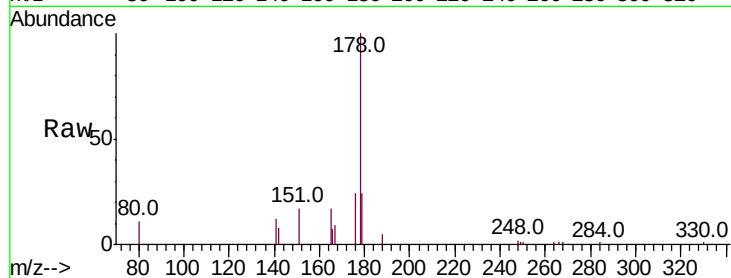




#23
Phenanthrene
Concen: 0.513 ng
RT: 16.81 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE097118.D
Acq: 31 Jul 2018 12:23

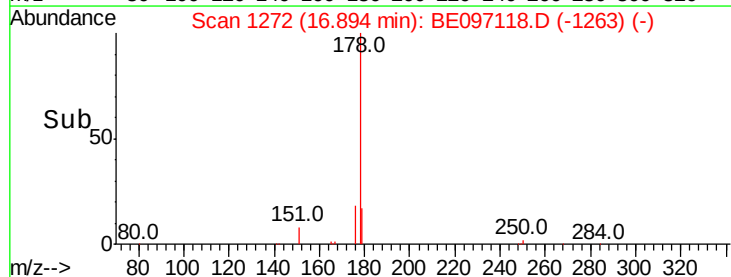
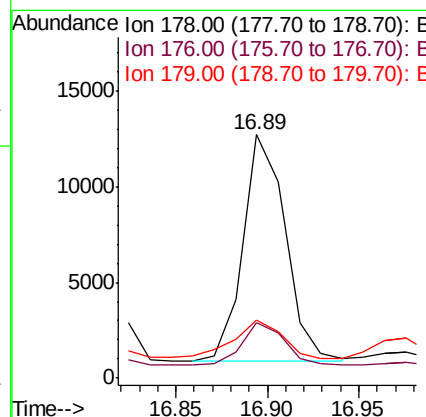
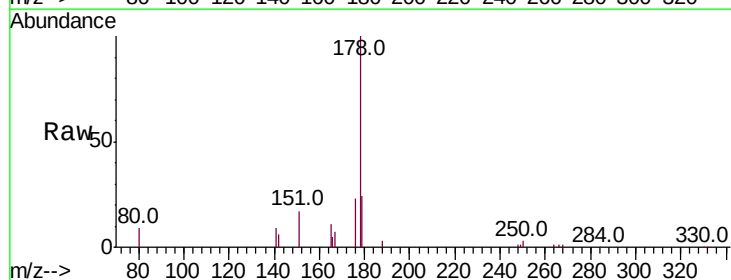
Instrument :
BNA_E
ClientSampleId :

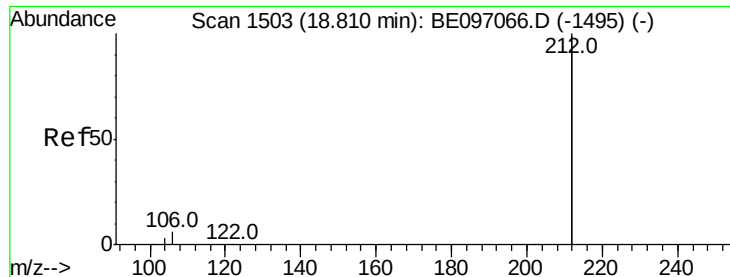
Tot Ion:178 Resp: 15613
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 23.3 11.8 17.6#



#24
Anthracene
Concen: 0.698 ng
RT: 16.89 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BE097118.D
Acq: 31 Jul 2018 12:23

Tgt Ion:178 Resp: 19010
Ion Ratio Lower Upper
178 100
176 19.1 12.8 19.2
179 20.1 13.0 19.6#





#25

Fluoranthene-d10

Concen: 0.543 ng

RT: 18.81 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE097118.D

Acq: 31 Jul 2018 12:23

Instrument :

BNA_E

ClientSampleId :

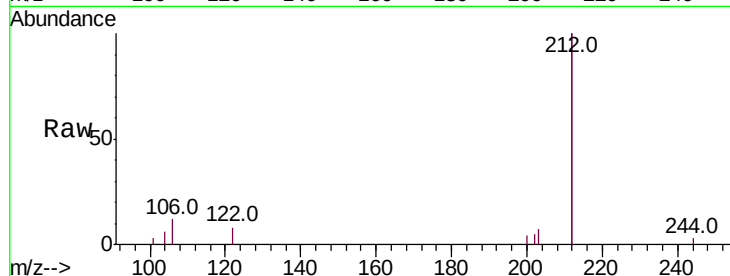
Tot Ion:212 Resp: 69466

Ion Ratio Lower Upper

212 100

106 3.6 2.8 4.2

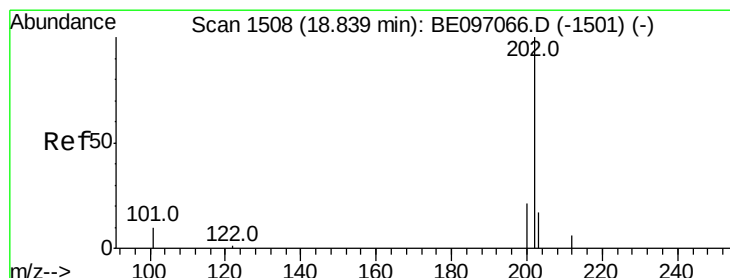
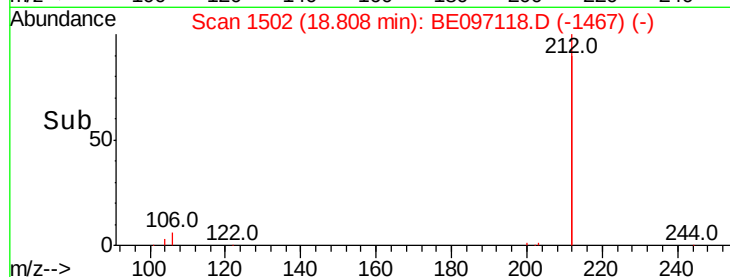
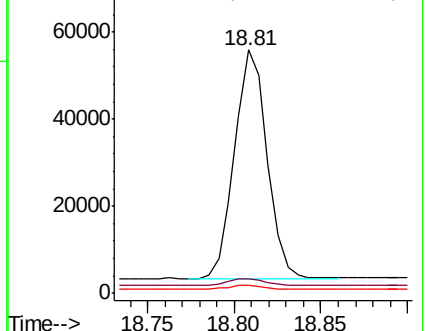
104 2.1 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.604 ng

RT: 18.84 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BE097118.D

Acq: 31 Jul 2018 12:23

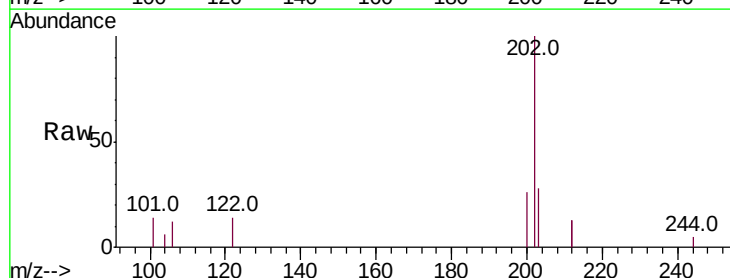
Tgt Ion:202 Resp: 20652

Ion Ratio Lower Upper

202 100

101 10.6 9.8 14.8

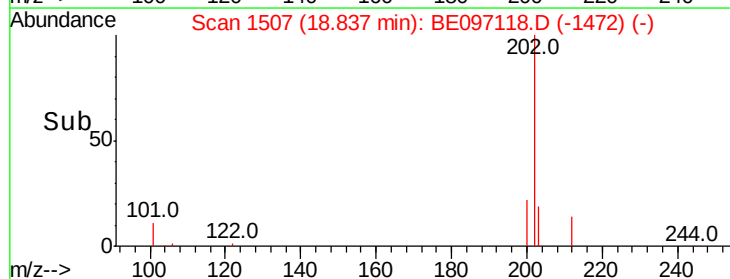
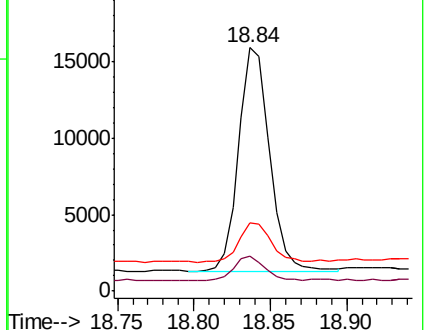
203 18.5 13.7 20.5

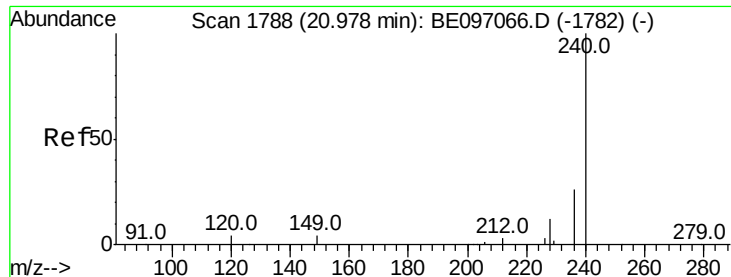


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1787

Delta R.T. 0.00 min

Lab File: BE097118.D

Acq: 31 Jul 2018 12:23

Instrument :

BNA_E

ClientSampleId :

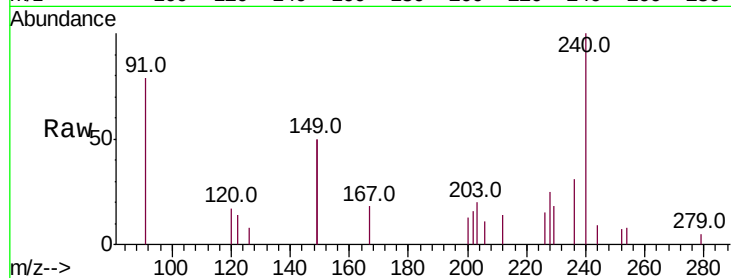
Tot Ion:240 Resp: 14920

Ion Ratio Lower Upper

240 100

120 17.1 5.5 8.3#

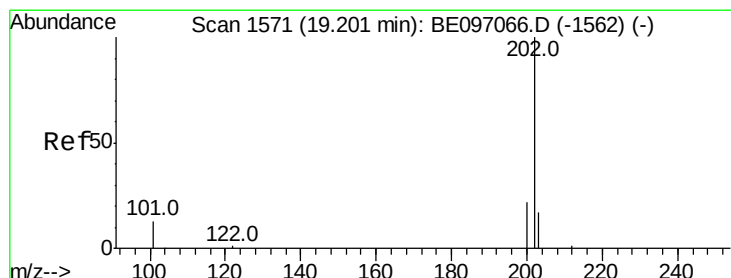
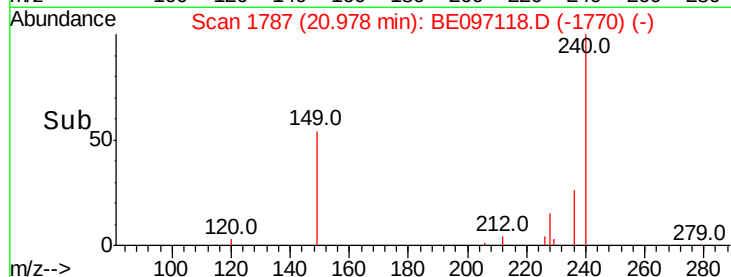
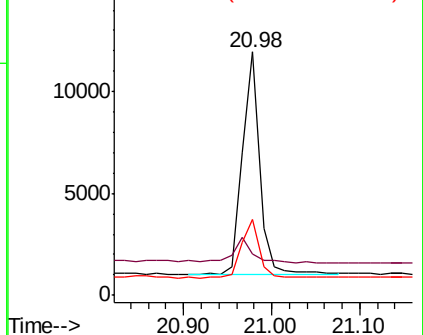
236 31.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.592 ng

RT: 19.20 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BE097118.D

Acq: 31 Jul 2018 12:23

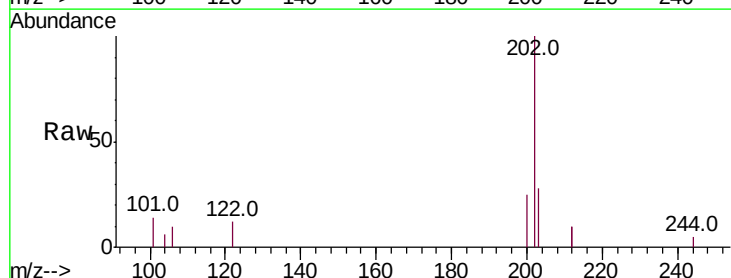
Tgt Ion:202 Resp: 24236

Ion Ratio Lower Upper

202 100

200 21.6 16.6 25.0

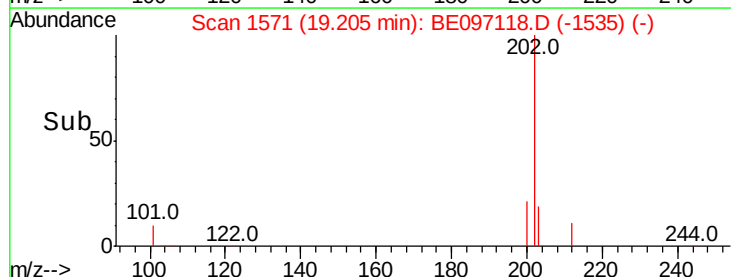
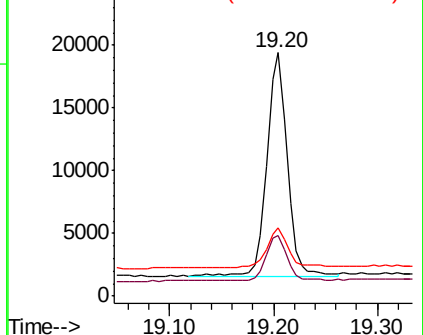
203 19.0 13.8 20.8

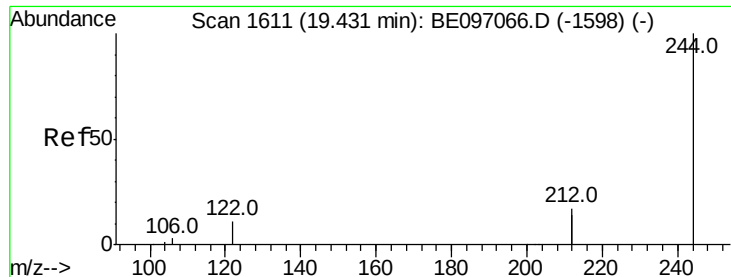


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

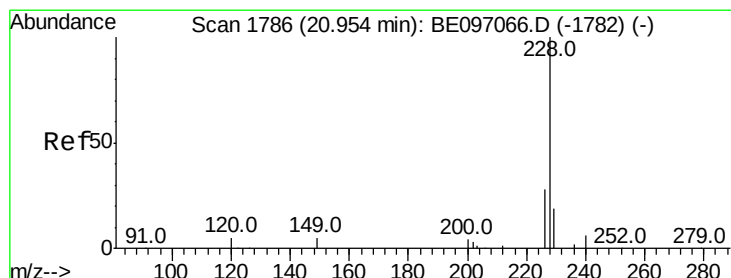
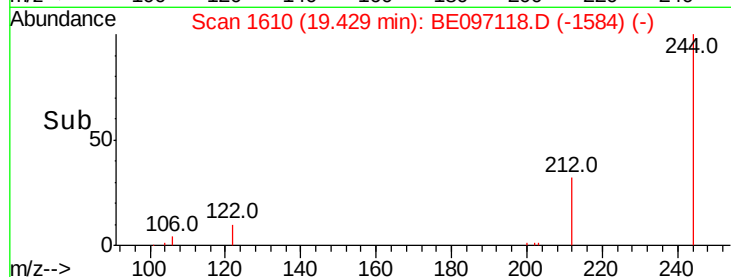
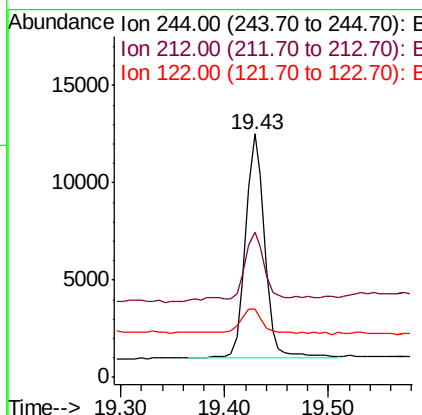
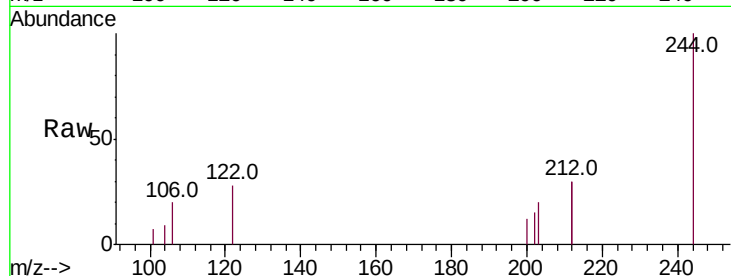




#29
 Terphenyl-d14
 Concen: 0.525 ng
 RT: 19.43 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BE097118.D
 Acq: 31 Jul 2018 12:23

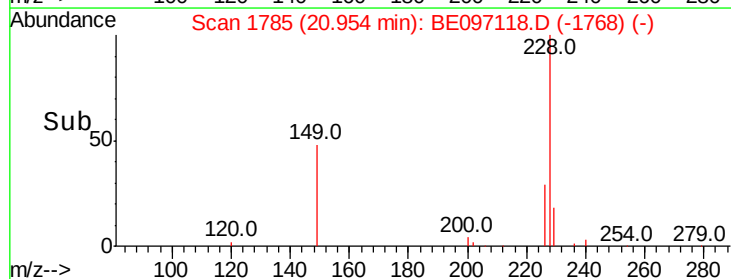
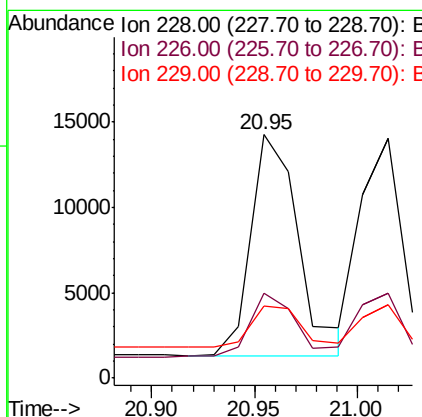
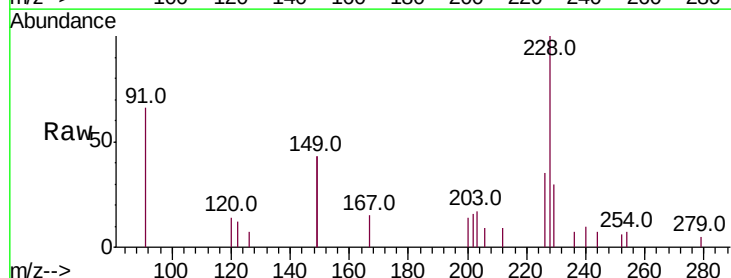
Instrument :
 BNA_E
 ClientSampleId :

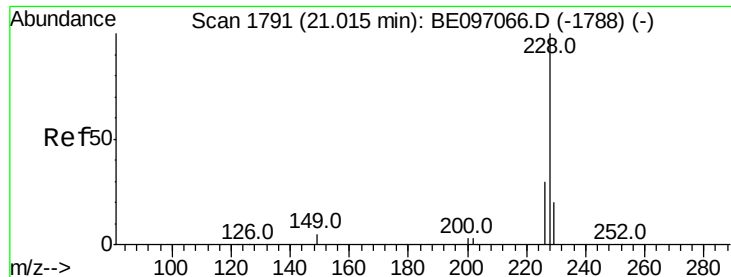
Tot Ion:244 Resp: 15047
 Ion Ratio Lower Upper
 244 100
 212 59.5 25.4 38.0#
 122 28.0 8.1 12.1#



#30
 Benzo(a)anthracene
 Concen: 0.562 ng
 RT: 20.95 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BE097118.D
 Acq: 31 Jul 2018 12:23

Tgt Ion:228 Resp: 20866
 Ion Ratio Lower Upper
 228 100
 226 35.1 24.0 36.0
 229 29.8 16.0 24.0#





#31

Chrysene

Concen: 0.461 ng

RT: 21.01 min Scan# 1790

Delta R.T. 0.01 min

Lab File: BE097118.D

Acq: 31 Jul 2018 12:23

Instrument :

BNA_E

ClientSampleId :

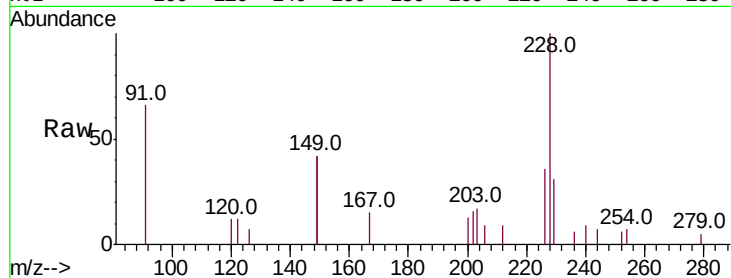
Tot Ion:228 Resp: 18353

Ion Ratio Lower Upper

228 100

226 35.6 24.0 36.0

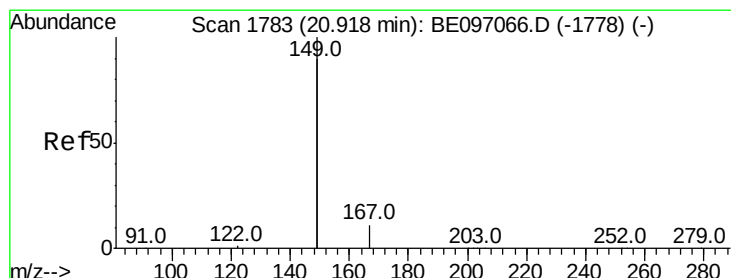
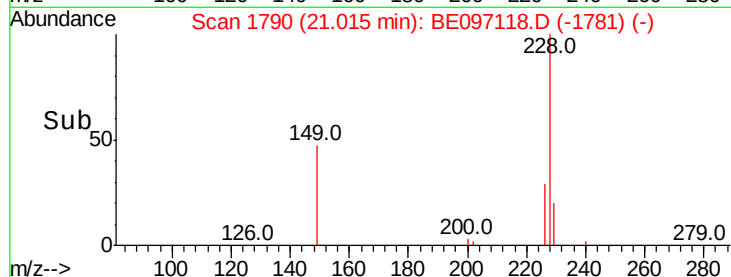
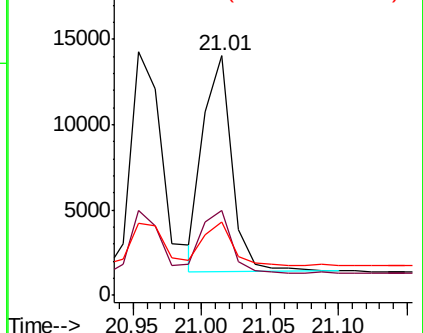
229 30.8 16.0 24.0#



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: 1.144 ng

RT: 20.93 min Scan# 1783

Delta R.T. 0.01 min

Lab File: BE097118.D

Acq: 31 Jul 2018 12:23

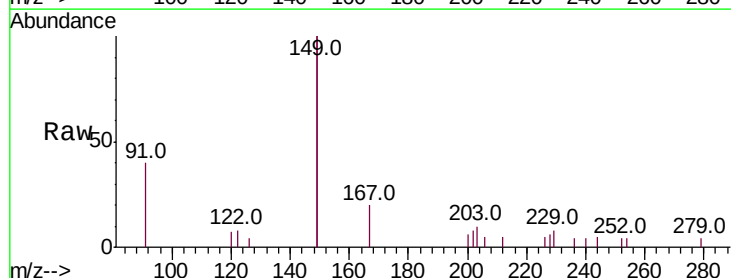
Tgt Ion:149 Resp: 50147

Ion Ratio Lower Upper

149 100

167 7.3 5.4 8.0

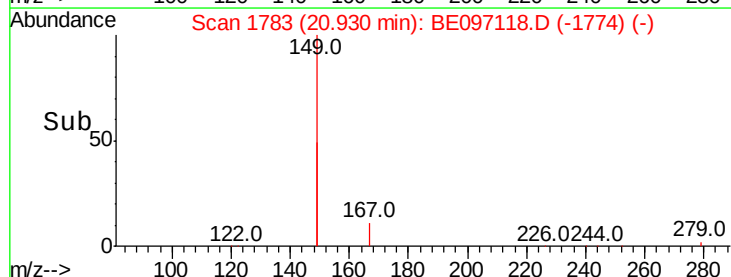
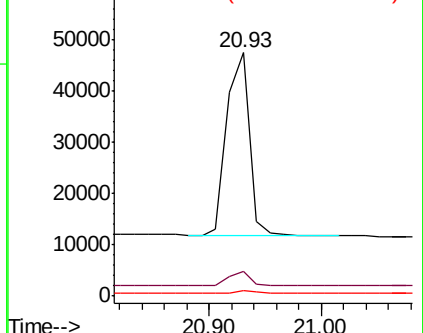
279 1.1 0.7 1.1#

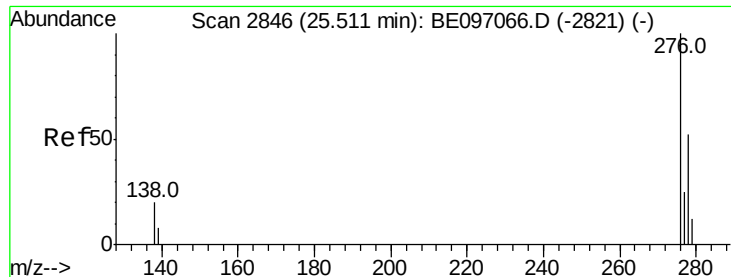


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.546 ng

RT: 25.50 min Scan# 2843

Delta R.T. 0.00 min

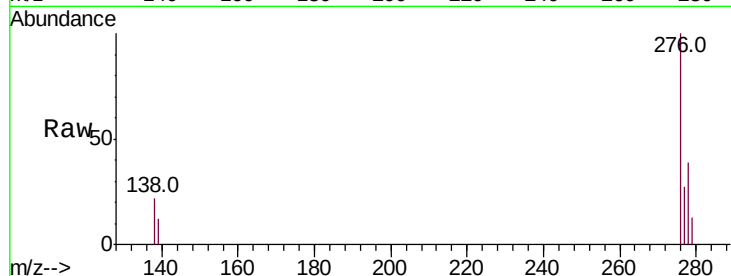
Lab File: BE097118.D

Acq: 31 Jul 2018 12:23

Instrument :

BNA_E

ClientSampleId :



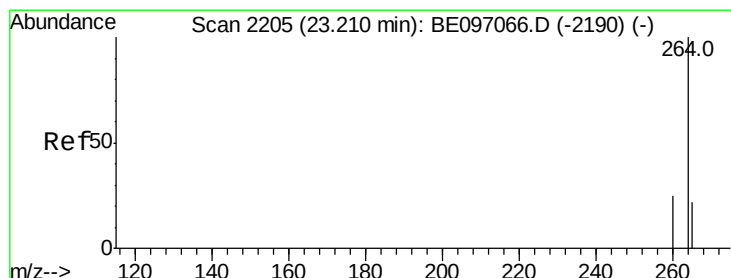
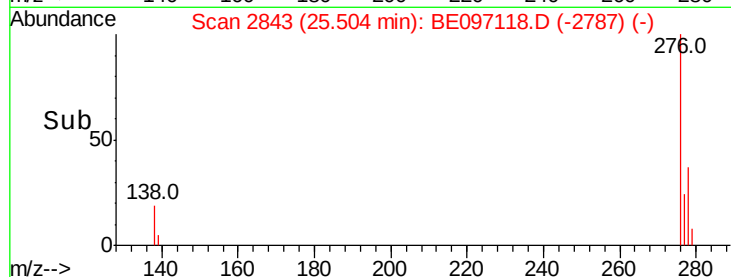
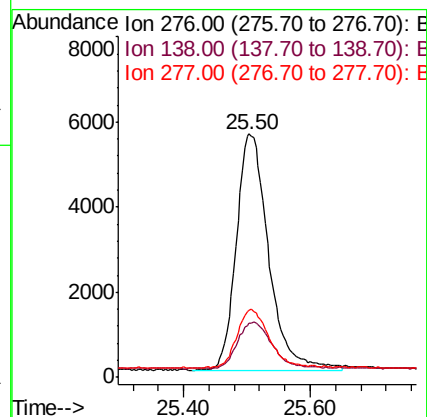
Tot Ion:276 Resp: 19680

Ion Ratio Lower Upper

276 100

138 20.7 22.5 33.7#

277 24.3 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: BE097118.D

Acq: 31 Jul 2018 12:23

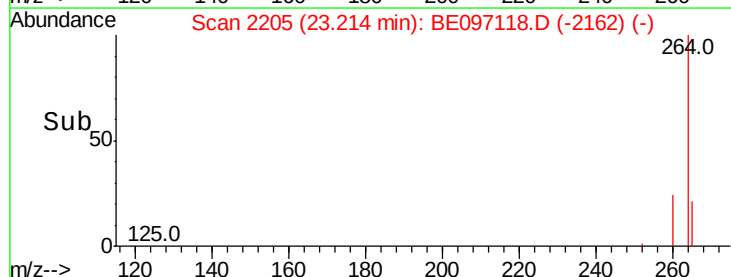
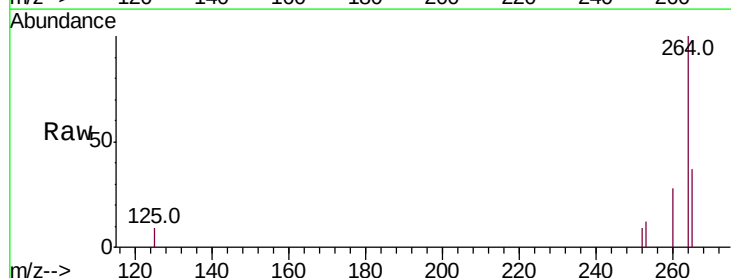
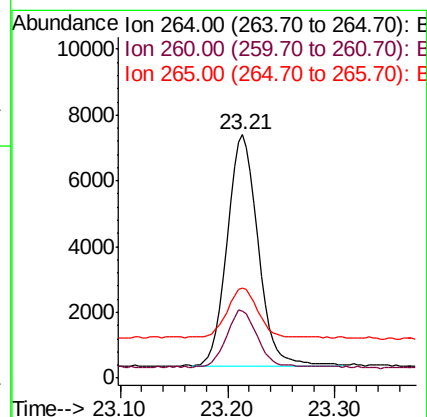
Tgt Ion:264 Resp: 14056

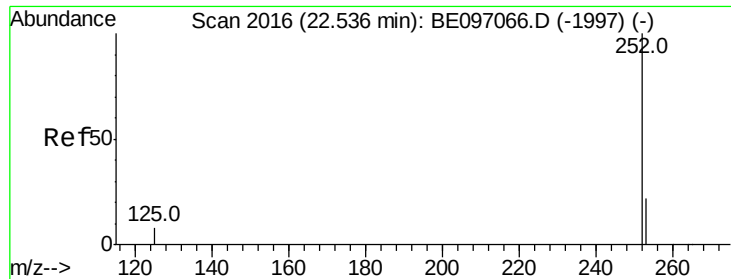
Ion Ratio Lower Upper

264 100

260 27.8 20.5 30.7

265 36.8 22.8 34.2#





#35

Benzo(b)fluoranthene

Concen: 0.505 ng

RT: 22.58 min Scan# 2028

Delta R.T. 0.05 min

Lab File: BE097118.D

Acq: 31 Jul 2018 12:23

Instrument :

BNA_E

ClientSampleId :

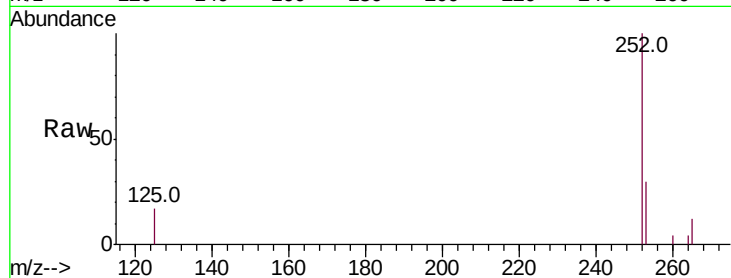
Tot Ion:252 Resp: 18013

Ion Ratio Lower Upper

252 100

253 29.5 20.0 30.0

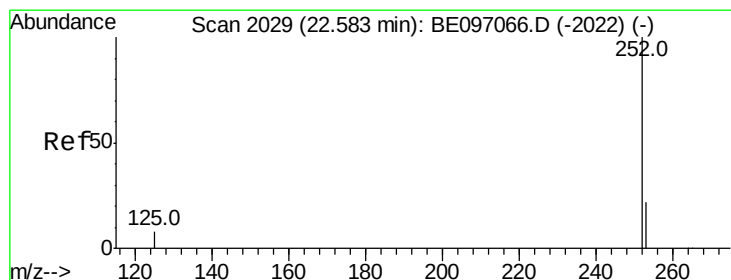
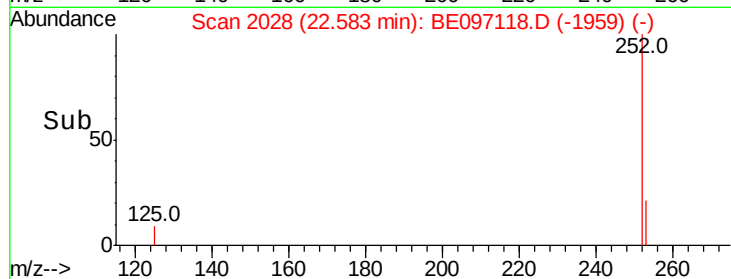
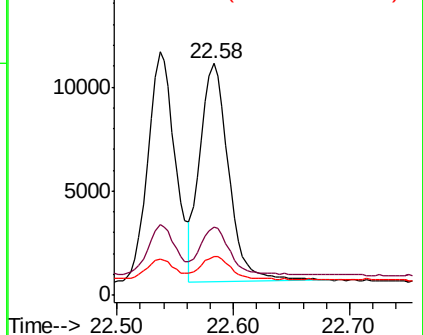
125 16.7 16.0 24.0



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: 0.433 ng

RT: 22.58 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BE097118.D

Acq: 31 Jul 2018 12:23

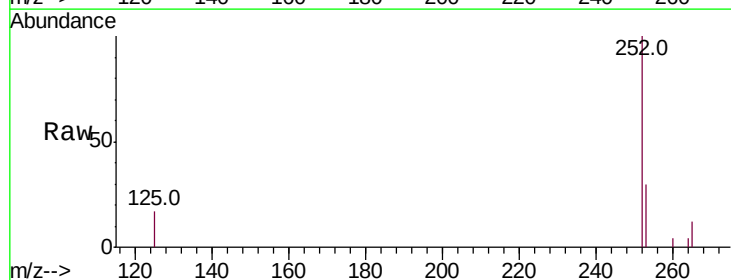
Tgt Ion:252 Resp: 18013

Ion Ratio Lower Upper

252 100

253 29.5 16.0 24.0#

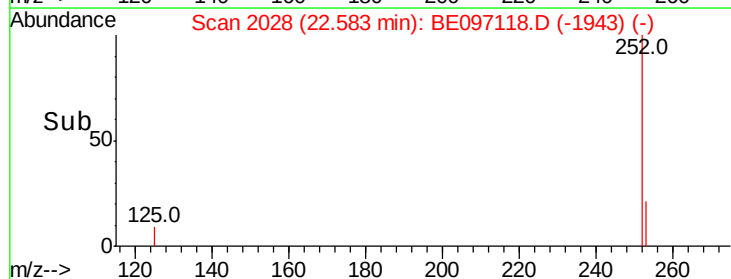
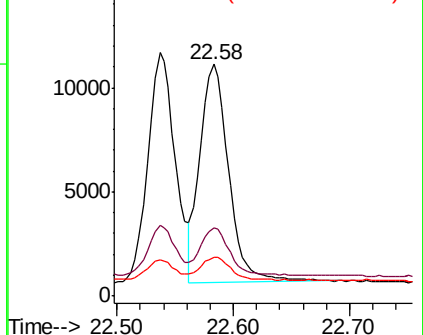
125 16.7 8.0 12.0#

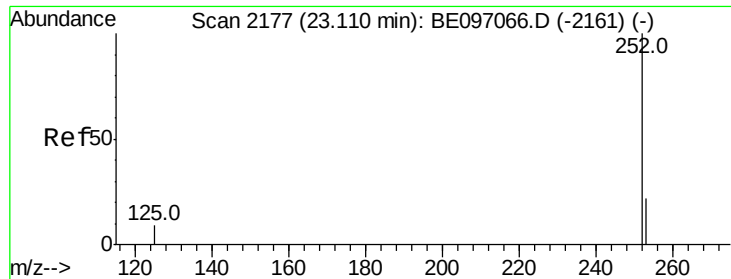


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.498 ng

RT: 23.11 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BE097118.D

Acq: 31 Jul 2018 12:23

Instrument :

BNA_E

ClientSampleId :

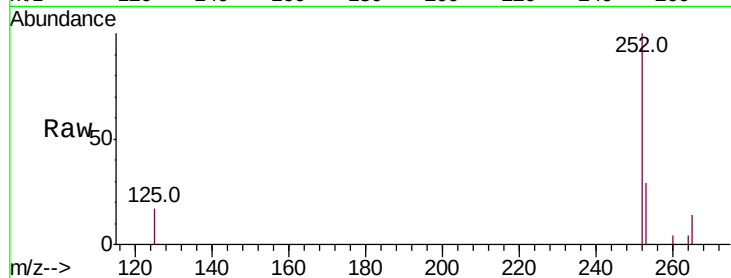
Tot Ion:252 Resp: 16692

Ion Ratio Lower Upper

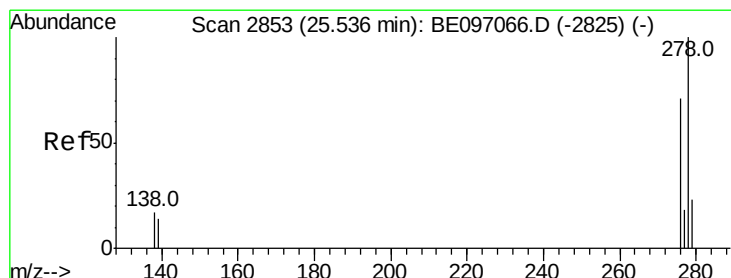
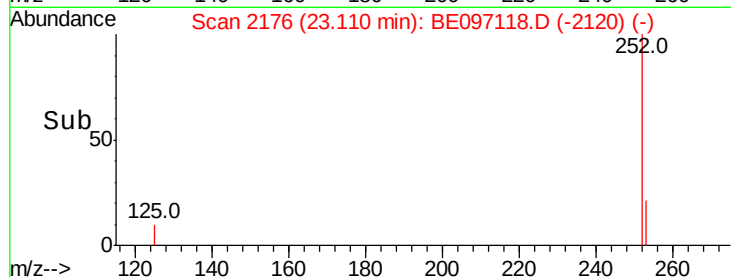
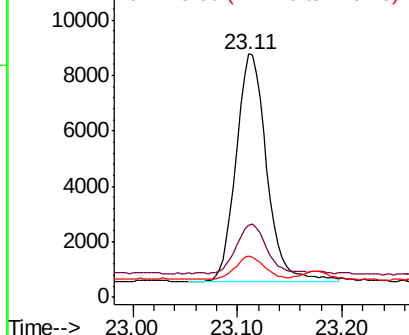
252 100

253 29.4 16.0 24.0#

125 16.9 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: 0.476 ng

RT: 25.53 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE097118.D

Acq: 31 Jul 2018 12:23

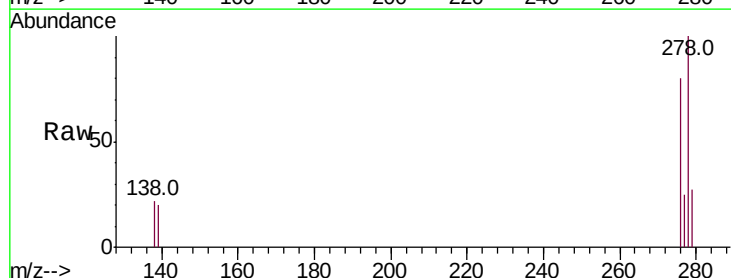
Tgt Ion:278 Resp: 15938

Ion Ratio Lower Upper

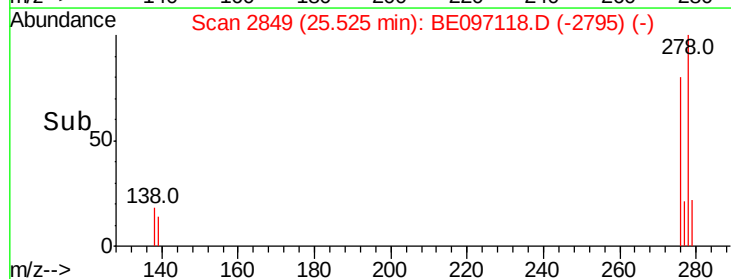
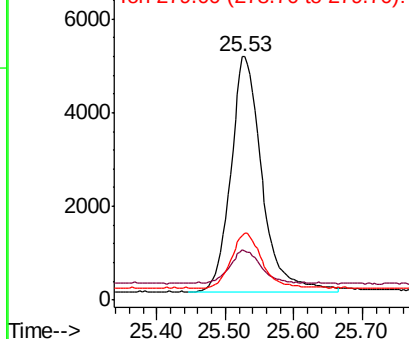
278 100

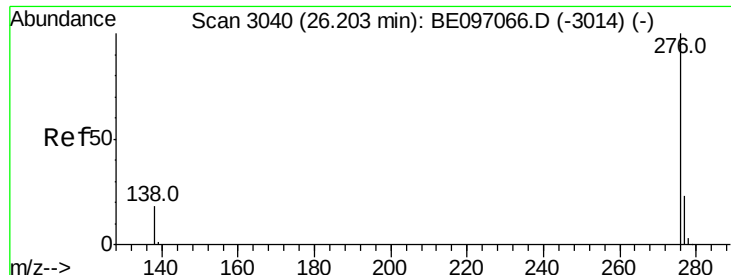
139 20.5 16.0 24.0

279 26.7 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: 0.469 ng

RT: 26.21 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BE097118.D

Acq: 31 Jul 2018 12:23

Instrument :

BNA_E

ClientSampleId :

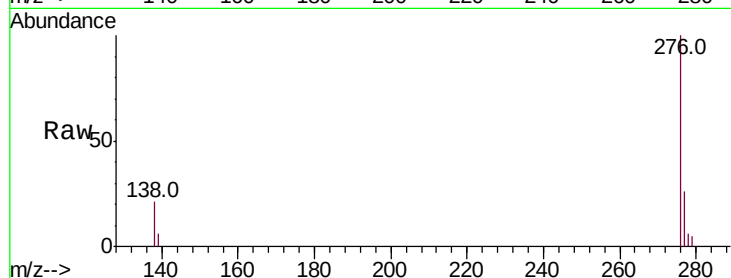
Tot Ion:276 Resp: 16687

Ion Ratio Lower Upper

276 100

277 26.0 16.0 24.0#

138 20.8 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

