

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082218\
 Data File : BE097349.D
 Acq On : 22 Aug 2018 16:05
 Operator : SJ/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 22 16:43:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 16:06:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	884	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4182	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2388	0.40	ng	-0.01
19) Phenanthrene-d10	16.76	188	6285	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8113	0.40	ng	0.00
34) Perylene-d12	23.21	264	7181	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	4061	2.00	ng	-0.01
5) Phenol-d6	6.59	99	5576	1.86	ng	-0.01
8) Nitrobenzene-d5	8.51	82	4925	2.75	ng	-0.01
11) 2-Methylnaphthalene-d10	11.72	152	9483	1.68	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	1404	3.57	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	13979	1.43	ng	0.00
25) Fluoranthene-d10	18.80	212	115923	2.07	ng	0.00
29) Terphenyl-d14	19.42	244	24006	1.48	ng	0.00

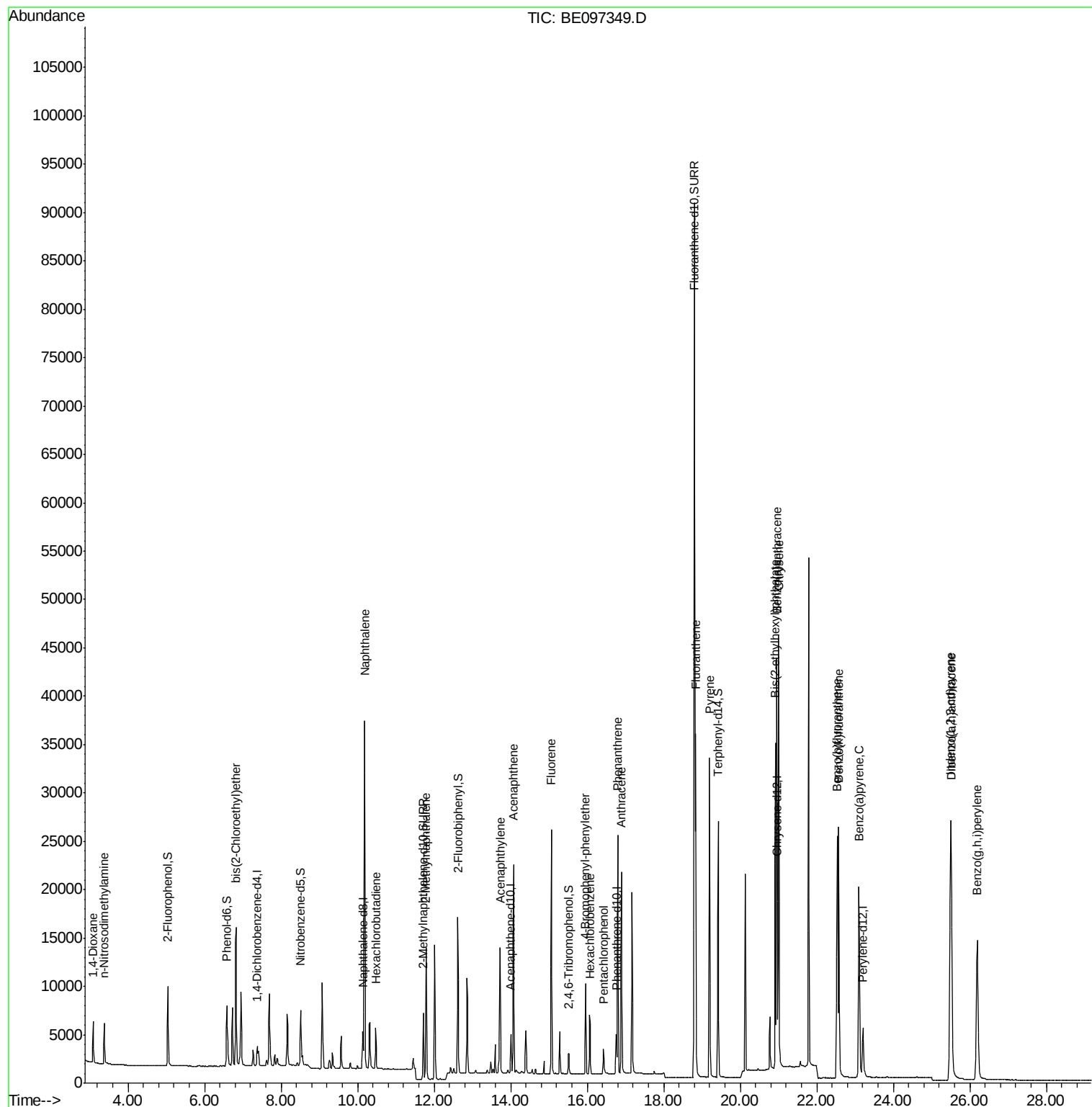
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	2330	1.663	ng	# 86
3) n-Nitrosodimethylamine	3.37	42	2429	1.986	ng	# 98
6) bis(2-Chloroethyl)ether	6.83	93	5186	1.735	ng	97
9) Naphthalene	10.19	128	60890	1.588	ng	99
10) Hexachlorobutadiene	10.47	225	2698	1.600	ng	98
12) 2-Methylnaphthalene	11.79	142	9902	1.716	ng	99
16) Acenaphthylene	13.73	152	16002	1.761	ng	99
17) Acenaphthene	14.07	154	10424	1.623	ng	97
18) Fluorene	15.06	166	13336	1.699	ng	# 80
20) 4-Bromophenyl-phenylether	15.96	248	4718	1.663	ng	# 78
21) Hexachlorobenzene	16.08	284	5180	1.360	ng	# 83
22) Pentachlorophenol	16.43	266	1531	4.097	ng	# 74
23) Phenanthrene	16.80	178	24245	1.582	ng	99
24) Anthracene	16.89	178	21750	1.917	ng	96
26) Fluoranthene	18.83	202	31027	2.101	ng	99
28) Pyrene	19.20	202	31411	1.442	ng	100
30) Benzo(a)anthracene	20.95	228	33442	1.917	ng	96
31) Chrysene	21.00	228	35001	1.531	ng	100
32) Bis(2-ethylhexyl)phthalate	20.92	149	40207	3.787	ng	99
33) Indeno(1,2,3-cd)pyrene	25.49	276	38024	2.617	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	31587	1.668	ng	# 86
36) Benzo(k)fluoranthene	22.57	252	34038	1.281	ng	97
37) Benzo(a)pyrene	23.10	252	29358	1.703	ng	# 93
38) Dibenzo(a,h)anthracene	25.51	278	32428	2.200	ng	# 94
39) Benzo(g,h,i)perylene	26.19	276	32360	2.178	ng	# 90

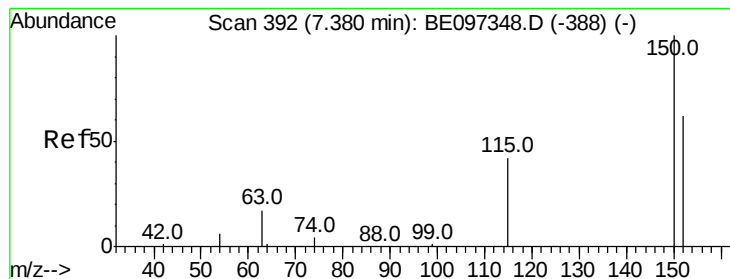
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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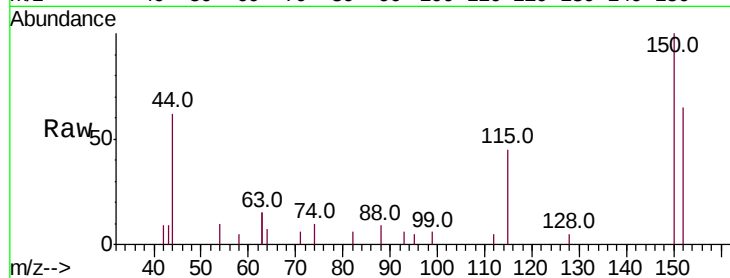


#1

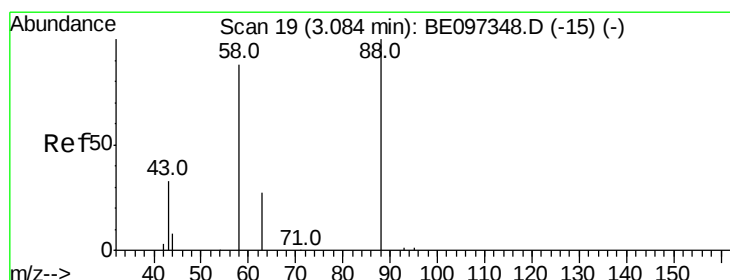
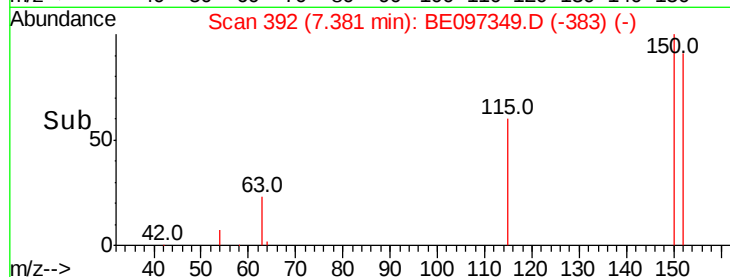
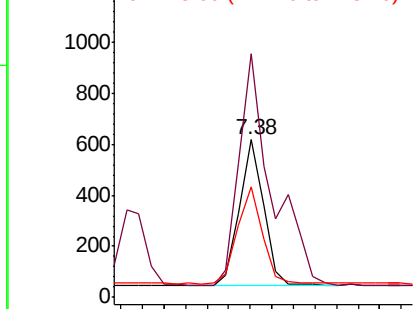
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 884
Ion Ratio Lower Upper
152 100
150 154.4 117.2 175.8
115 70.1 57.0 85.6



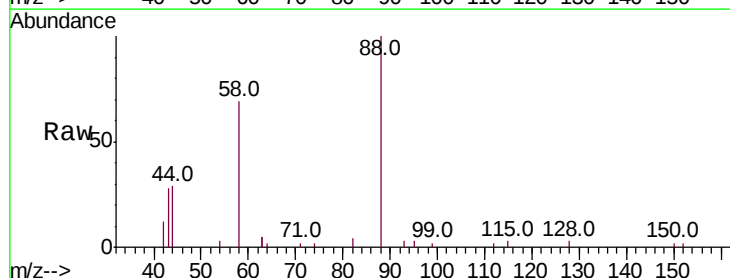
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



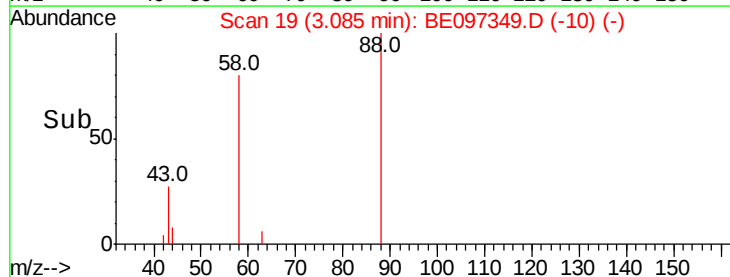
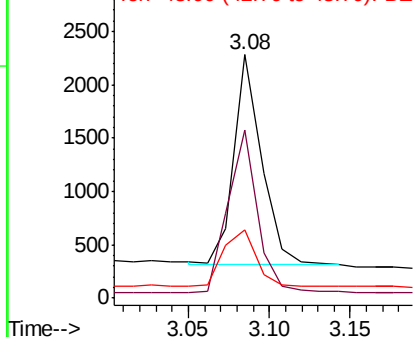
#2

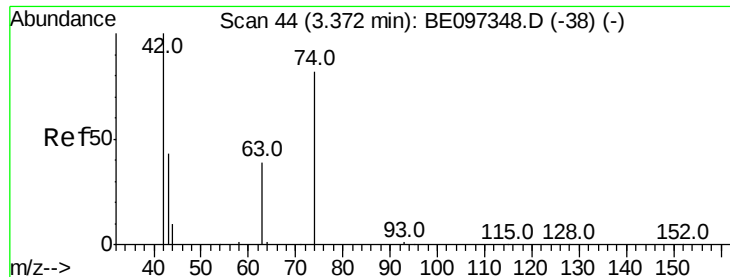
1,4-Dioxane
Concen: 1.663 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.00 min
Lab File: BE097349.D
Acq: 22 Aug 2018 16:05

Tgt Ion: 88 Resp: 2330
Ion Ratio Lower Upper
88 100
58 82.5 63.2 94.8
43 31.4 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: 1.986 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

Instrument :

BNA_E

ClientSampleId :

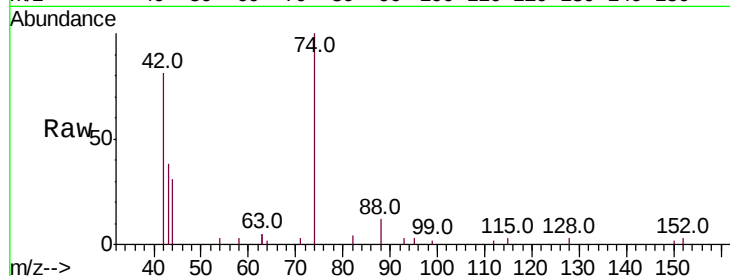
Tot Ion: 42 Resp: 2429

Ion Ratio Lower Upper

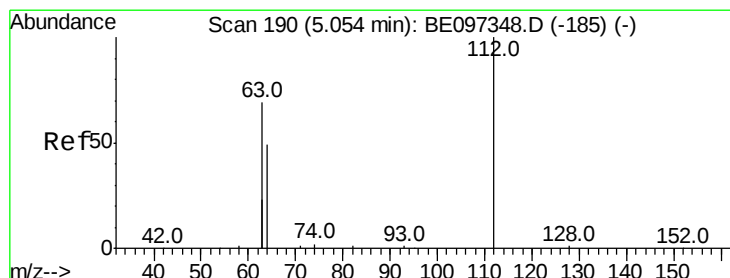
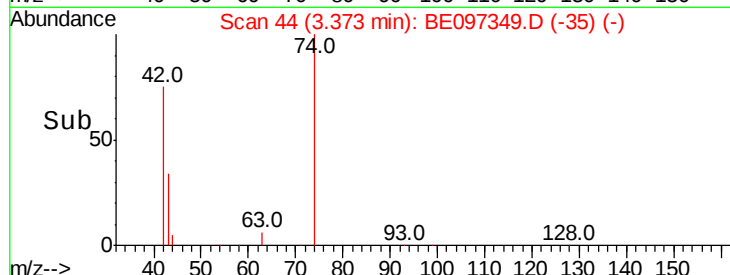
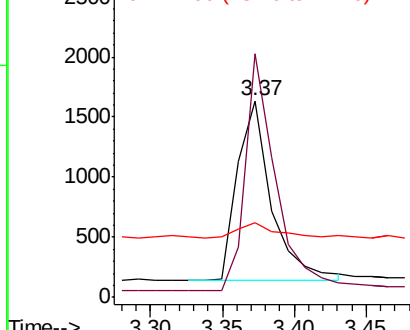
42 100

74 120.1 96.0 144.0

44 9.5 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: 2.005 ng

RT: 5.04 min Scan# 189

Delta R.T. -0.01 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

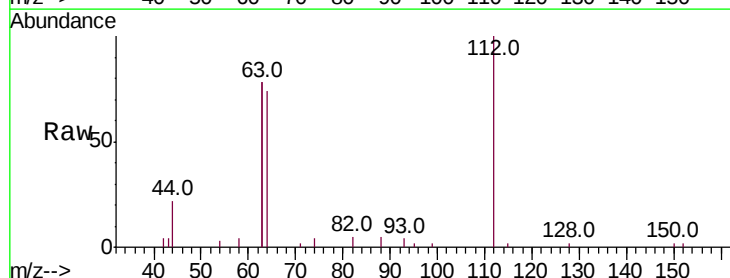
Tgt Ion: 112 Resp: 4061

Ion Ratio Lower Upper

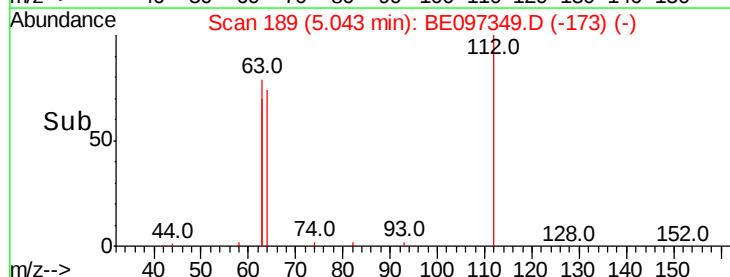
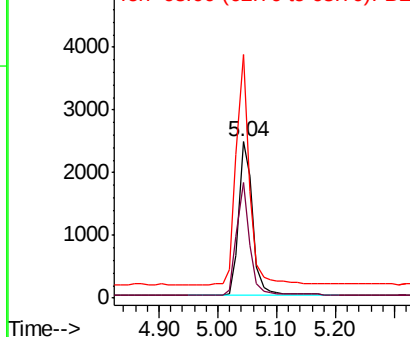
112 100

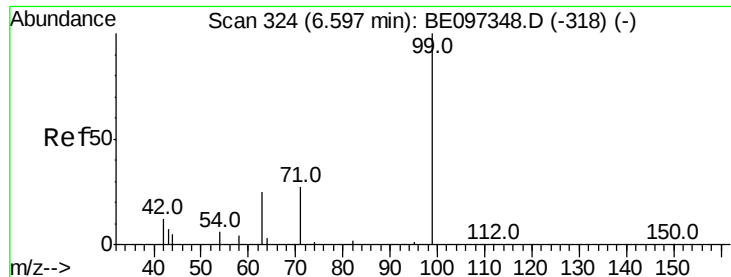
64 68.9 60.1 90.1

63 140.5 116.8 175.2



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: 1.856 ng

RT: 6.59 min Scan# 323

Delta R.T. -0.01 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

Instrument :

BNA_E

ClientSampleId :

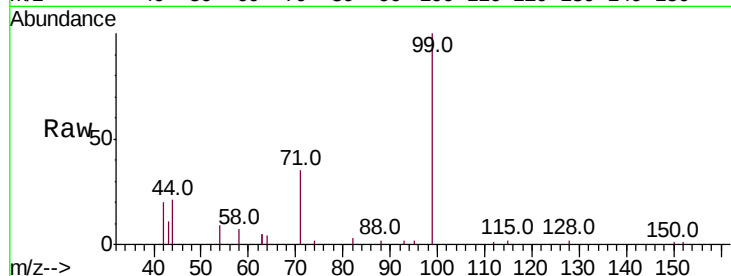
Tot Ion: 99 Resp: 5576

Ion Ratio Lower Upper

99 100

42 21.7 20.2 30.2

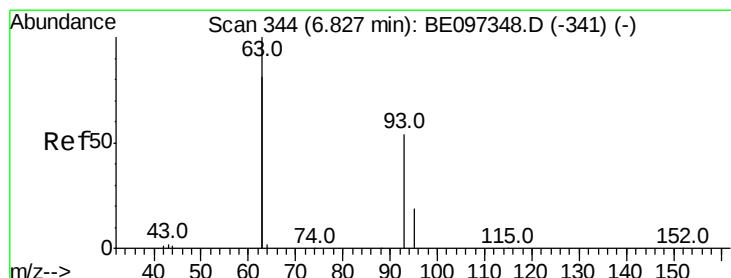
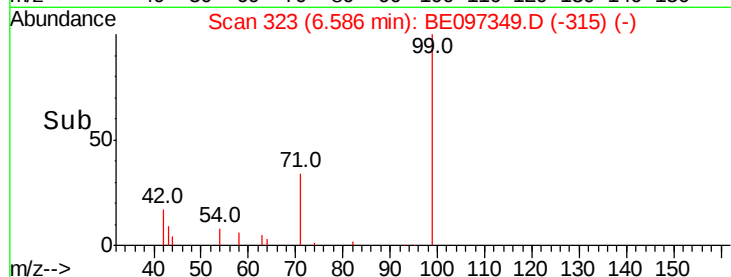
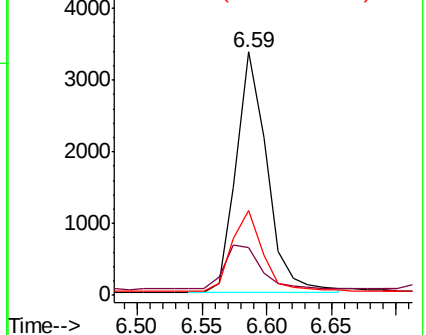
71 34.1 28.4 42.6



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: 1.735 ng

RT: 6.83 min Scan# 344

Delta R.T. 0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

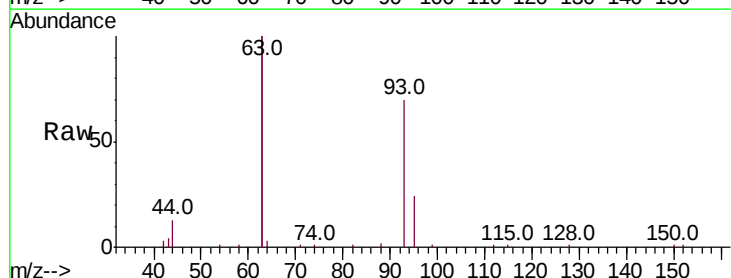
Tgt Ion: 93 Resp: 5186

Ion Ratio Lower Upper

93 100

63 336.7 275.3 412.9

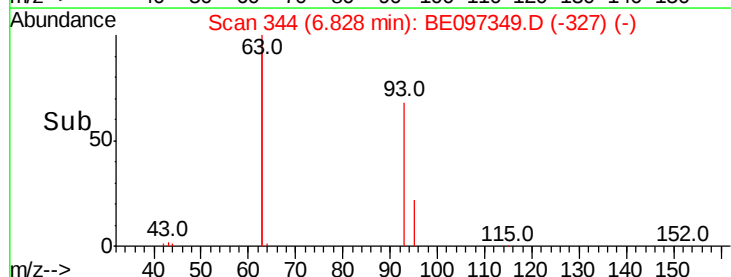
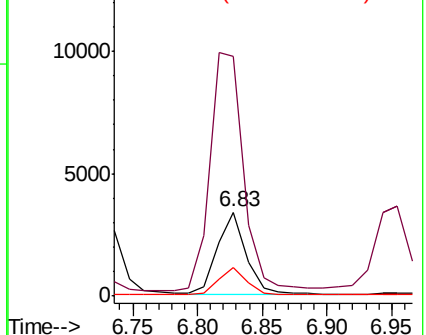
95 32.4 25.2 37.8

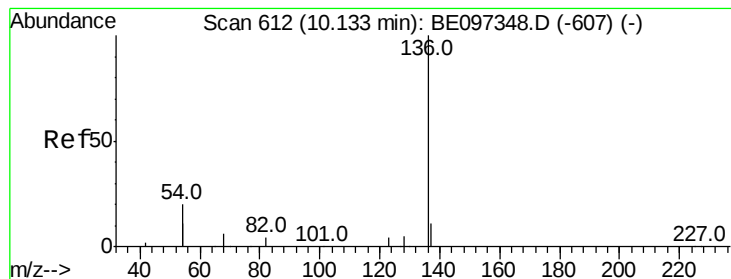


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4182

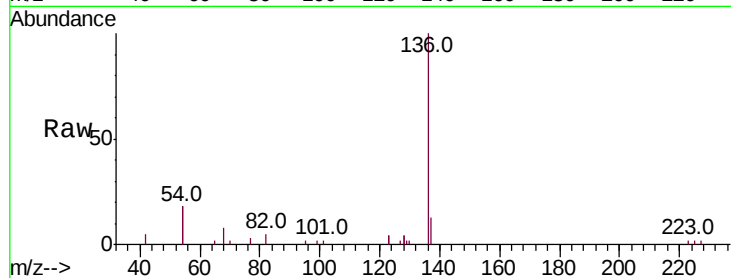
Ion Ratio Lower Upper

136 100

137 13.0 9.5 14.3

54 35.4 29.1 43.7

68 7.5 6.2 9.2

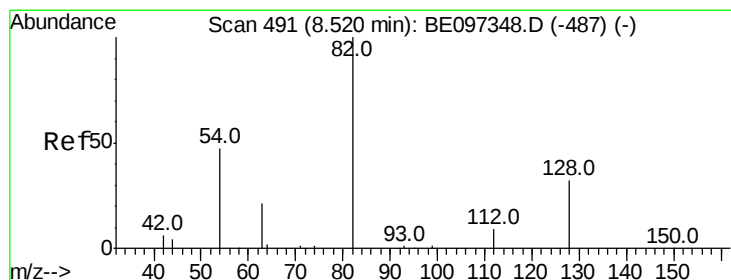
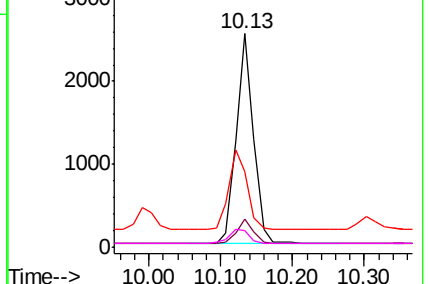
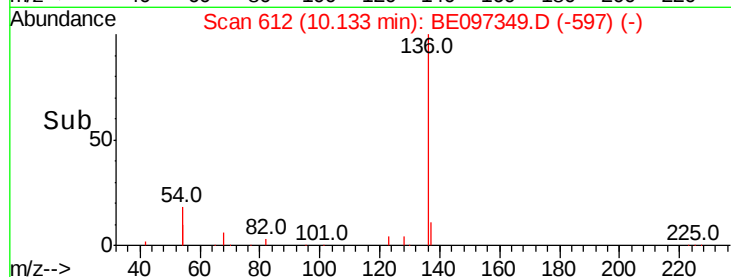


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.753 ng

RT: 8.51 min Scan# 490

Delta R.T. -0.01 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

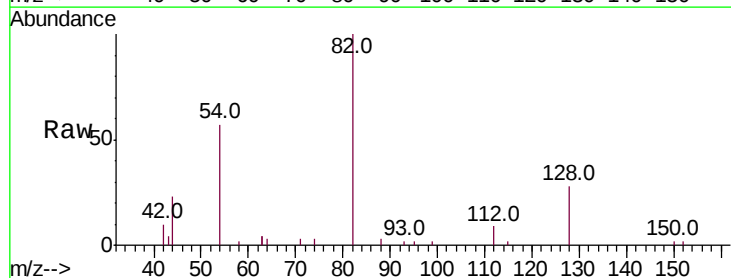
Tgt Ion: 82 Resp: 4925

Ion Ratio Lower Upper

82 100

128 28.0 24.0 36.0

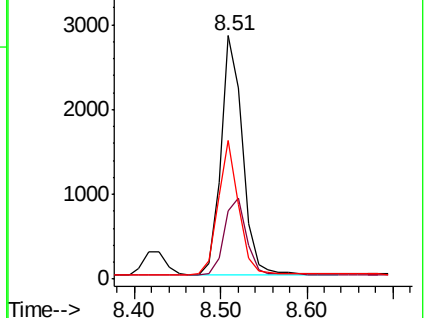
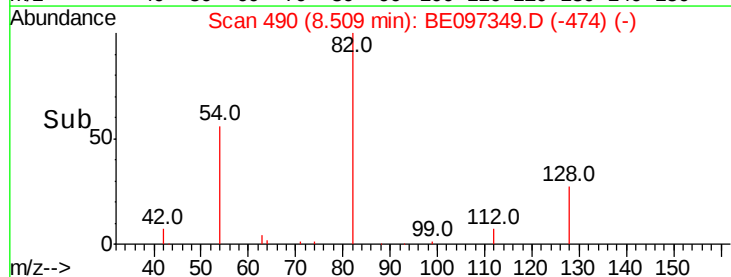
54 56.8 40.0 60.0

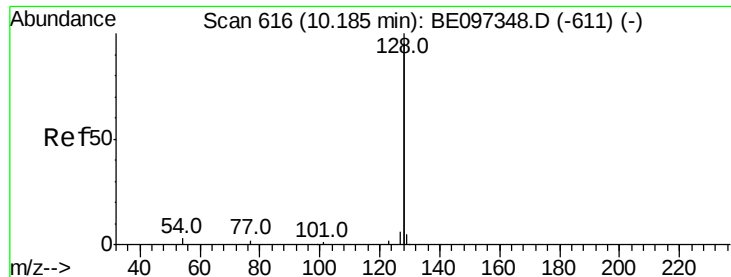


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 1.588 ng

RT: 10.19 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

Instrument :

BNA_E

ClientSampleId :

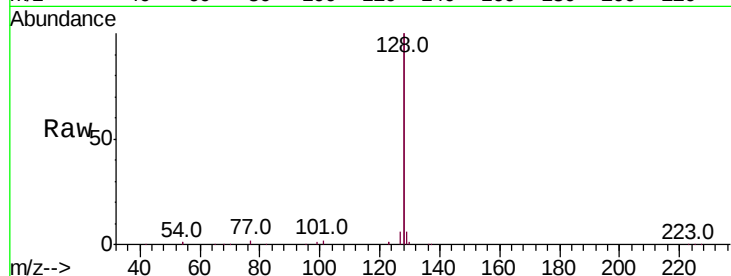
Tot Ion:128 Resp: 60890

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

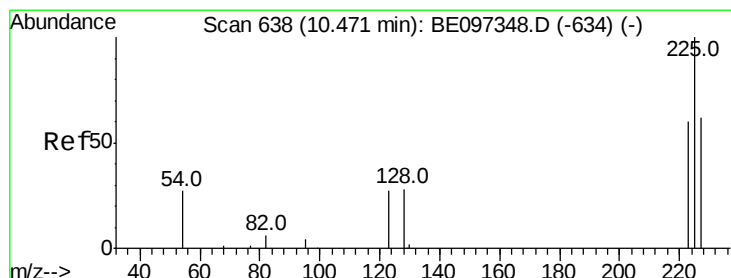
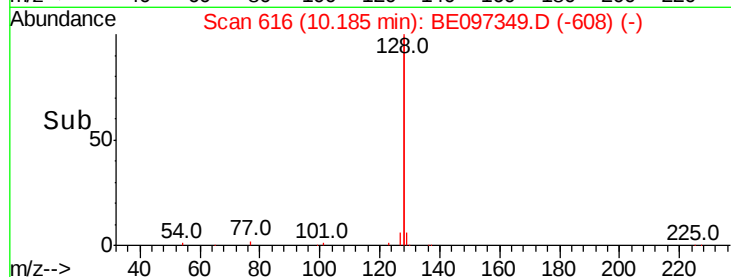
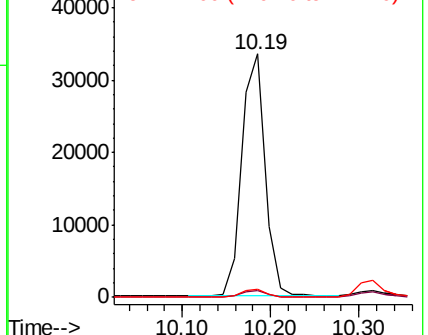
127 3.2 2.8 4.2



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: 1.600 ng

RT: 10.47 min Scan# 638

Delta R.T. 0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

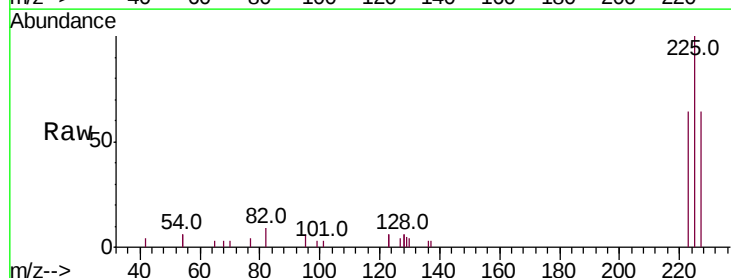
Tgt Ion:225 Resp: 2698

Ion Ratio Lower Upper

225 100

223 63.3 53.0 79.6

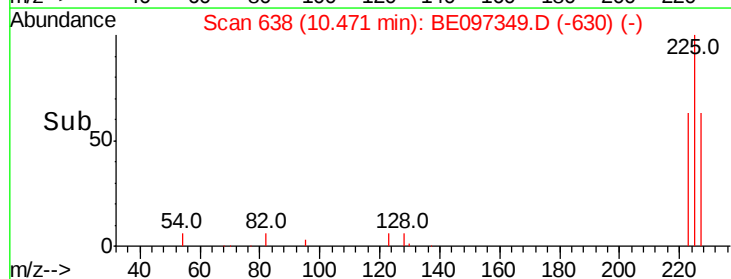
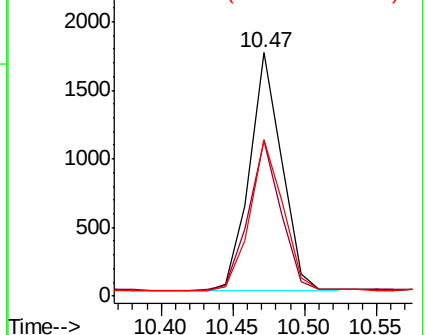
227 64.4 51.4 77.2

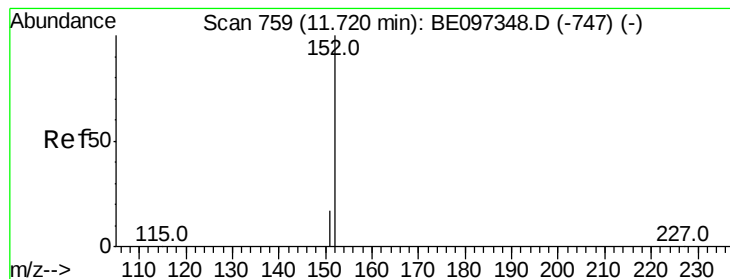


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.678 ng

RT: 11.72 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

Instrument :

BNA_E

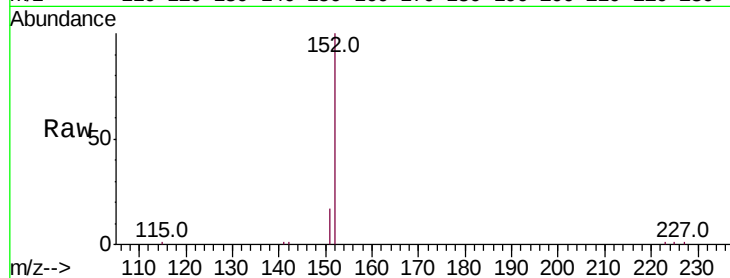
ClientSampleId :

Tot Ion:152 Resp: 9483

Ion Ratio Lower Upper

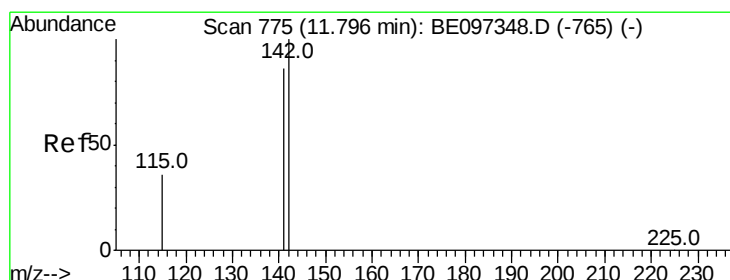
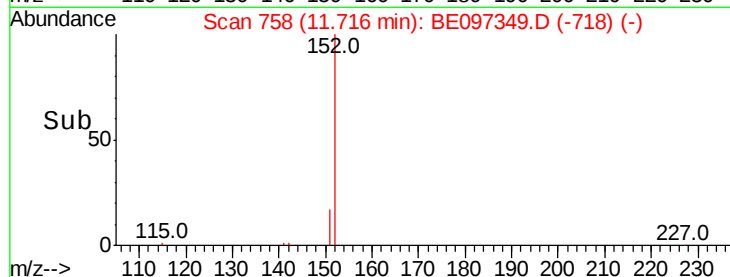
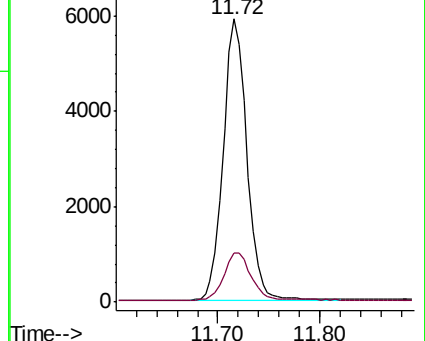
152 100

151 18.9 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: 1.716 ng

RT: 11.79 min Scan# 774

Delta R.T. -0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

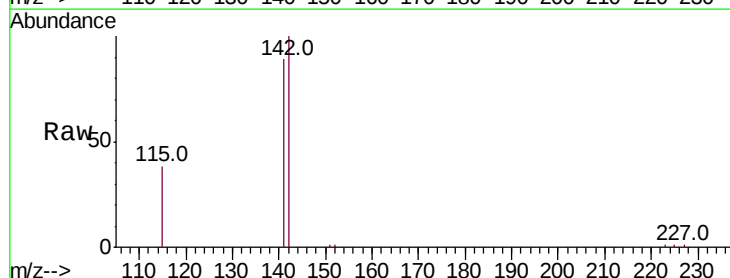
Tgt Ion:142 Resp: 9902

Ion Ratio Lower Upper

142 100

141 88.8 70.4 105.6

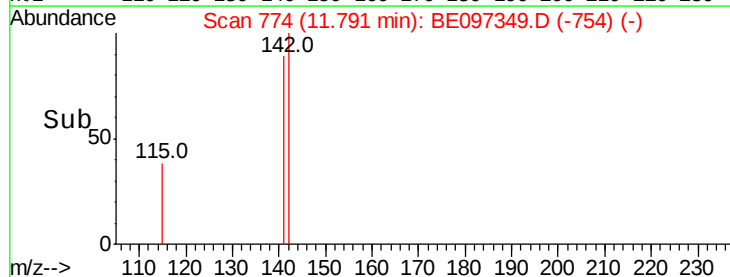
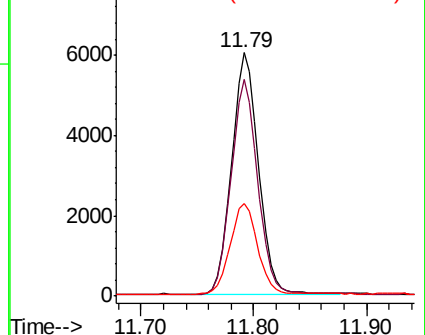
115 38.2 31.7 47.5

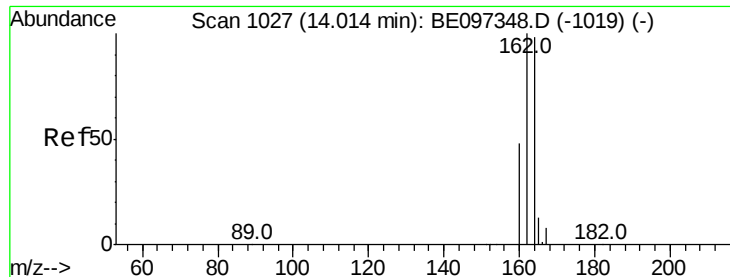


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

Instrument :

BNA_E

ClientSampleId :

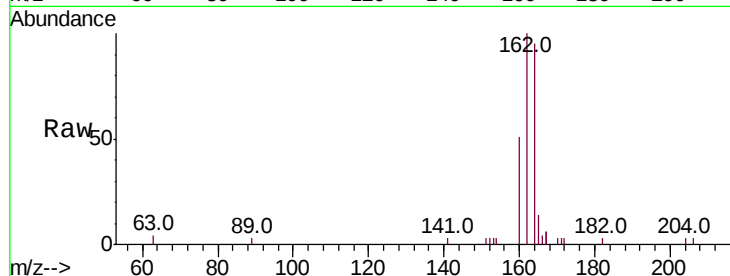
Tot Ion:164 Resp: 2388

Ion Ratio Lower Upper

164 100

162 105.6 83.1 124.7

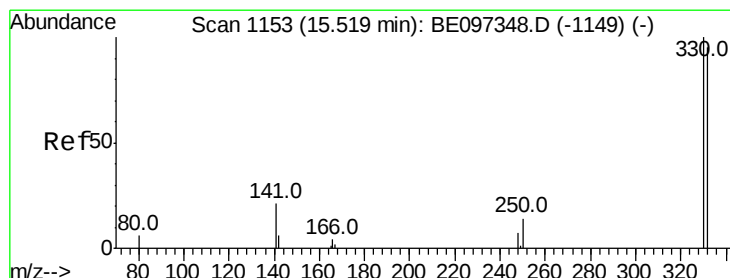
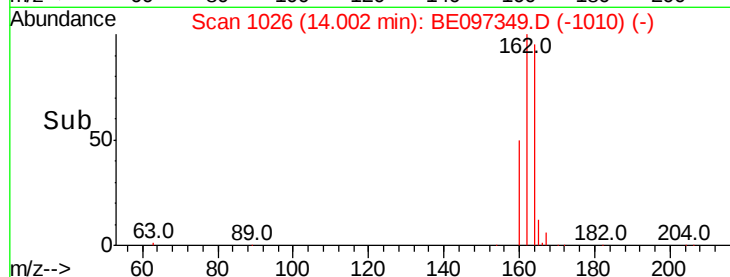
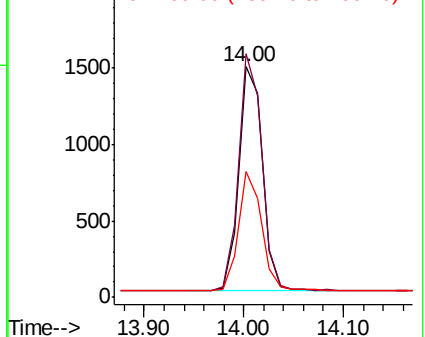
160 54.3 37.1 55.7



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: 3.570 ng

RT: 15.52 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

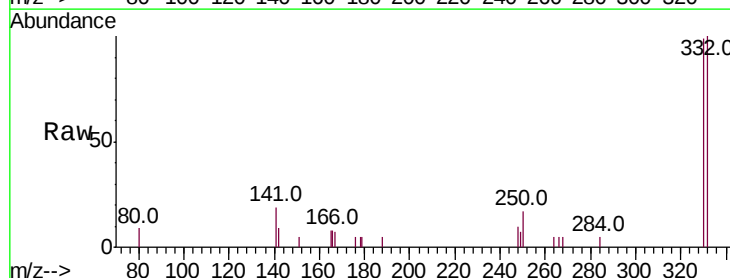
Tgt Ion:330 Resp: 1404

Ion Ratio Lower Upper

330 100

332 97.7 152.7 229.1#

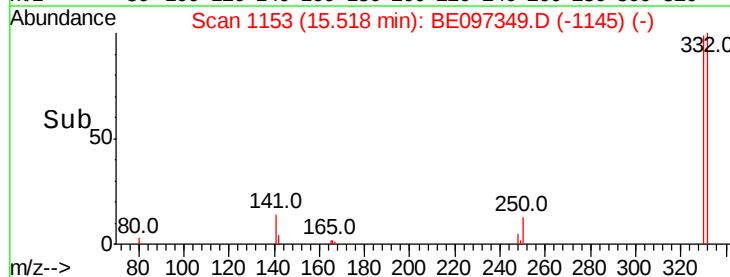
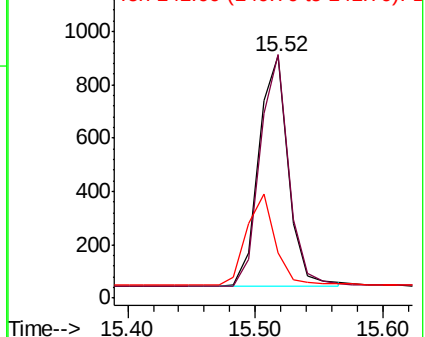
141 38.0 33.7 50.5

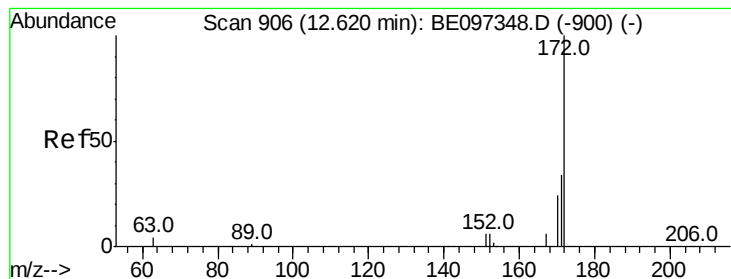


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 1.428 ng

RT: 12.62 min Scan# 906

Delta R.T. 0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

Instrument :

BNA_E

ClientSampleId :

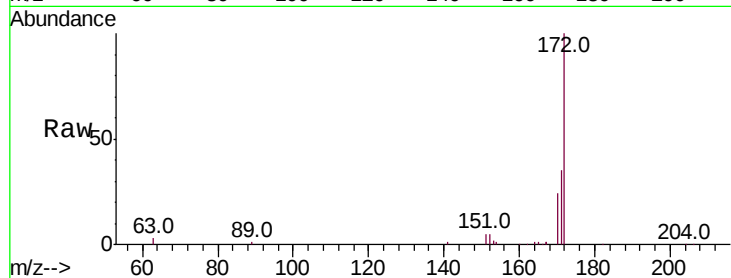
Tot Ion:172 Resp: 13979

Ion Ratio Lower Upper

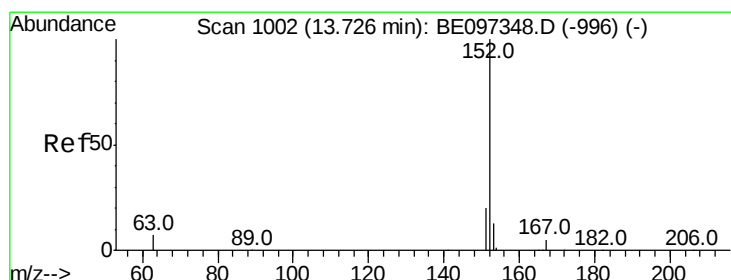
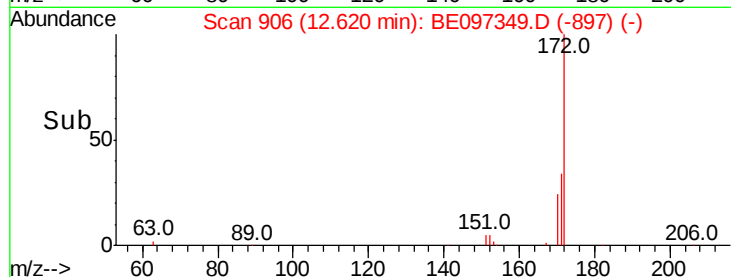
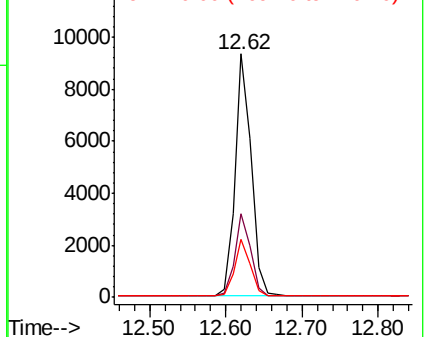
172 100

171 34.6 29.9 44.9

170 24.0 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: 1.761 ng

RT: 13.73 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

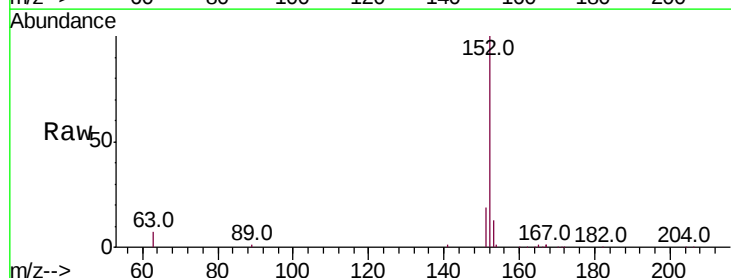
Tgt Ion:152 Resp: 16002

Ion Ratio Lower Upper

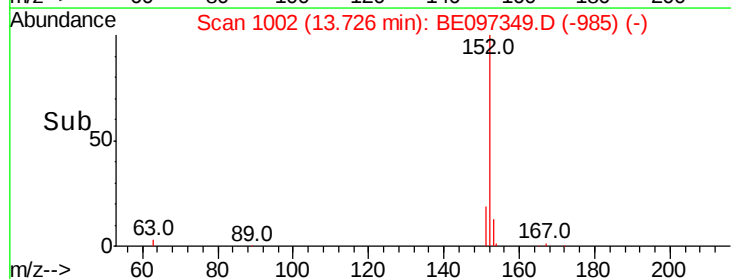
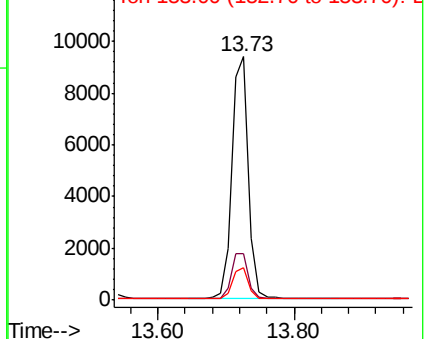
152 100

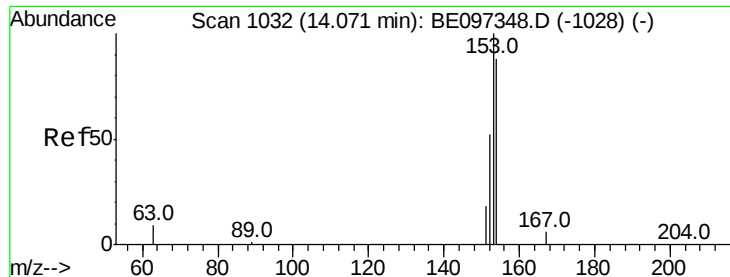
151 19.4 15.7 23.5

153 12.7 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: 1.623 ng

RT: 14.07 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

Instrument :

BNA_E

ClientSampleId :

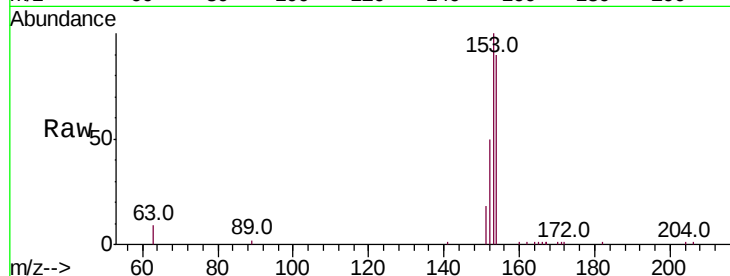
Tot Ion:154 Resp: 10424

Ion Ratio Lower Upper

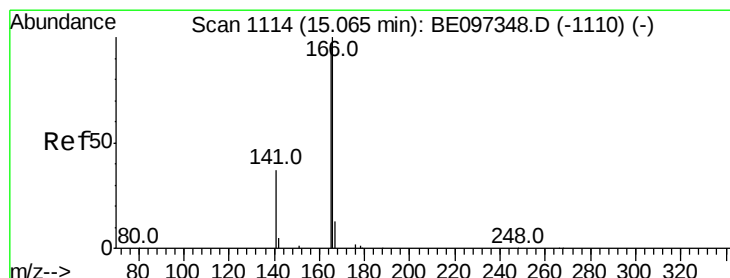
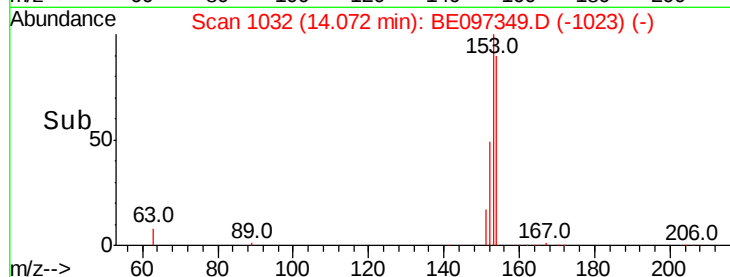
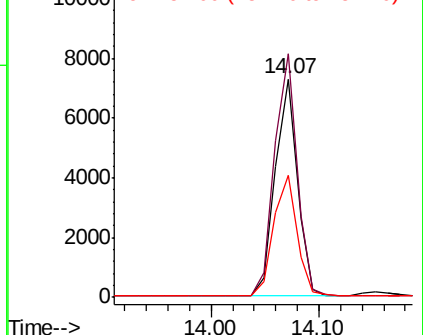
154 100

153 113.1 89.2 133.8

152 57.7 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: 1.699 ng

RT: 15.06 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

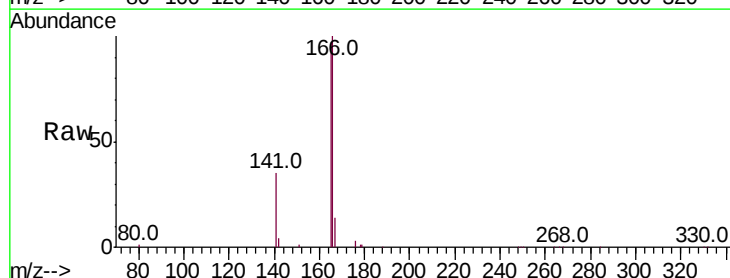
Tgt Ion:166 Resp: 13336

Ion Ratio Lower Upper

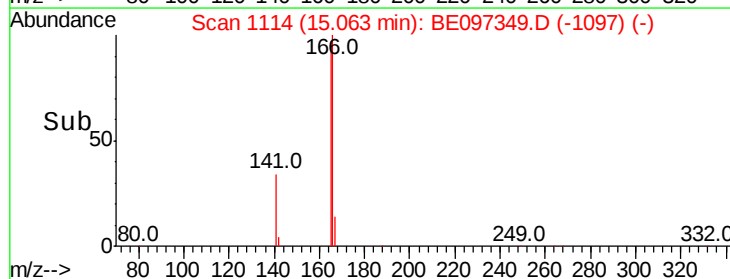
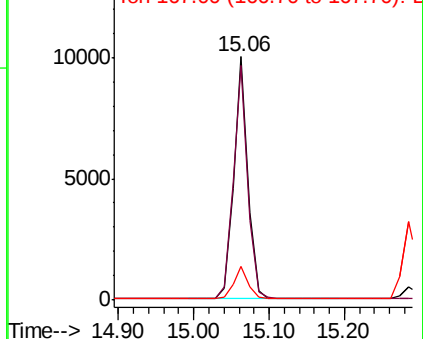
166 100

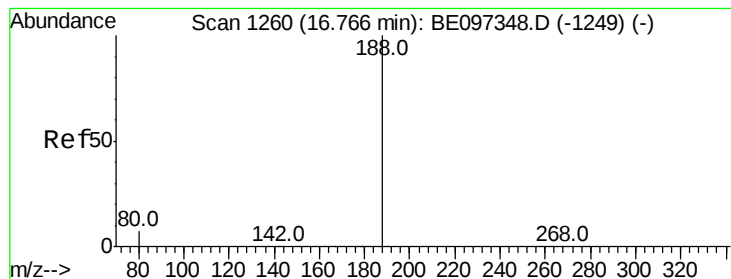
165 97.3 77.8 116.6

167 13.4 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: 16.76 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

Instrument :

BNA_E

ClientSampleId :

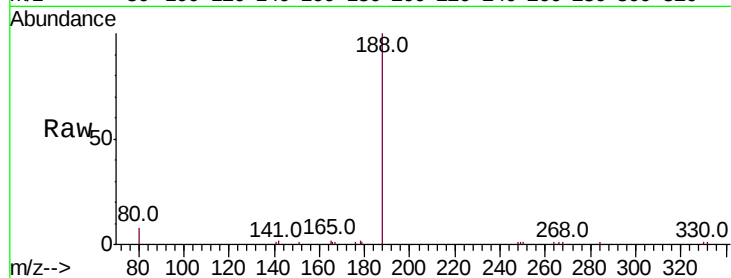
Tot Ion:188 Resp: 6285

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

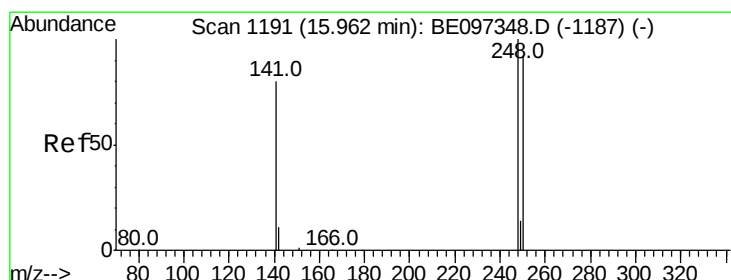
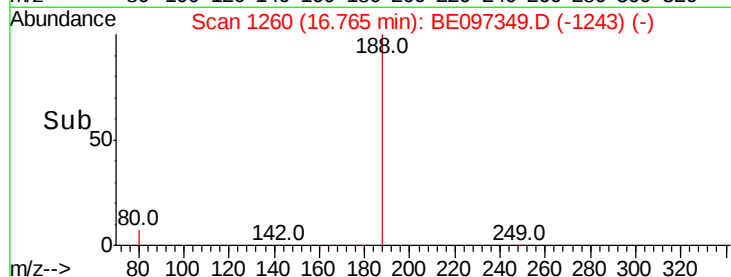
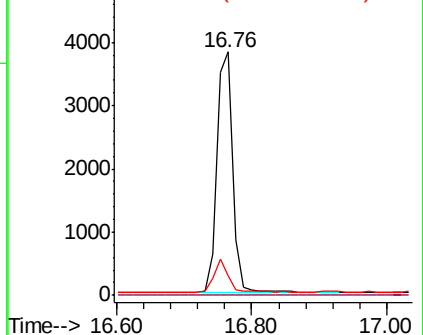
80 8.1 3.6 5.4#



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: 1.663 ng

RT: 15.96 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

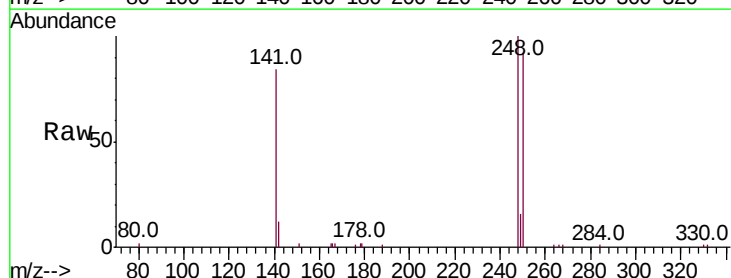
Tgt Ion:248 Resp: 4718

Ion Ratio Lower Upper

248 100

250 91.7 62.7 94.1

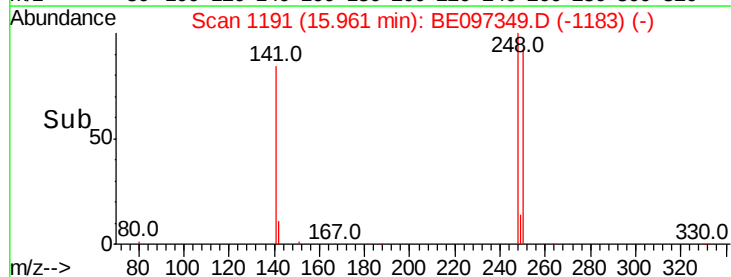
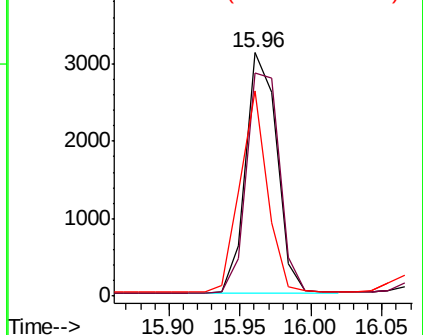
141 84.3 48.2 72.2#

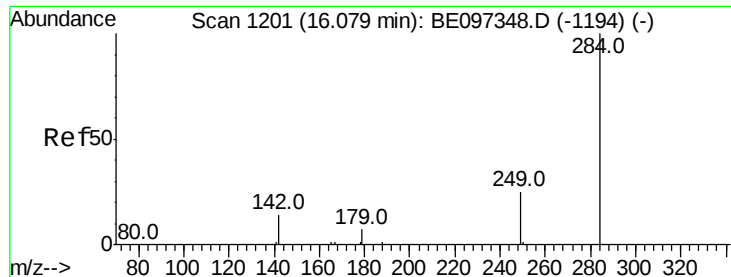


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.360 ng

RT: 16.08 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

Instrument :

BNA_E

ClientSampleId :

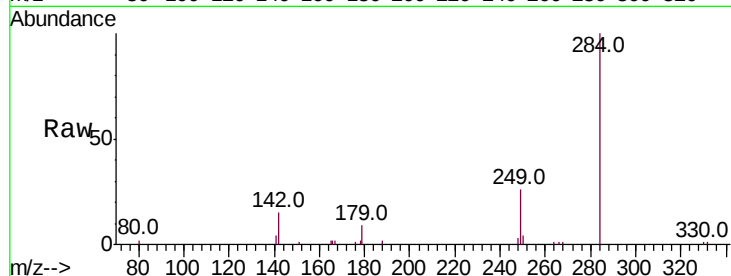
Tot Ion:284 Resp: 5180

Ion Ratio Lower Upper

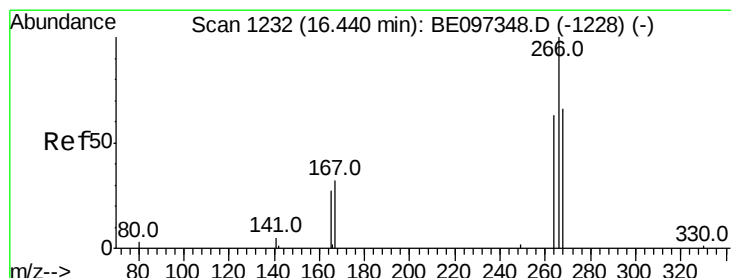
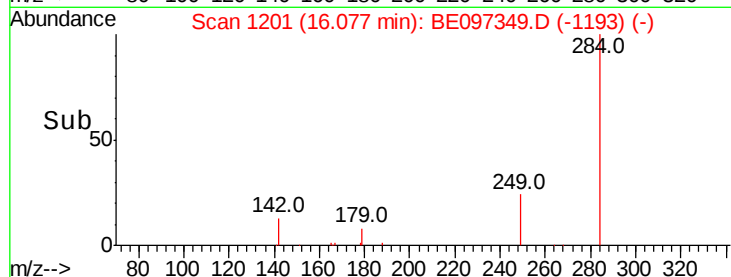
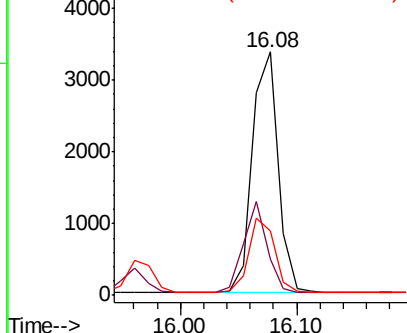
284 100

142 33.7 22.1 33.1#

249 30.8 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: 4.097 ng

RT: 16.43 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

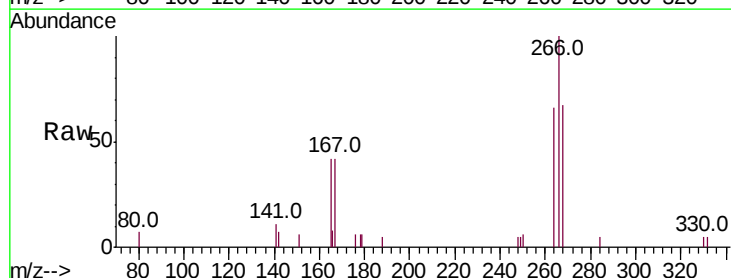
Tgt Ion:266 Resp: 1531

Ion Ratio Lower Upper

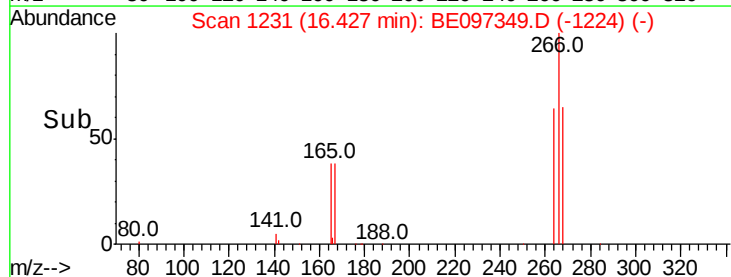
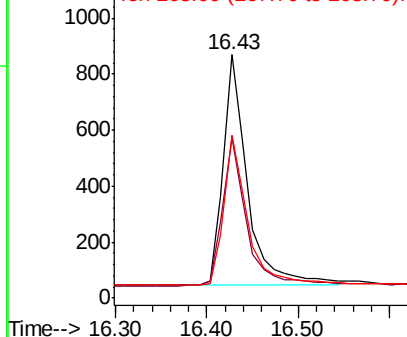
266 100

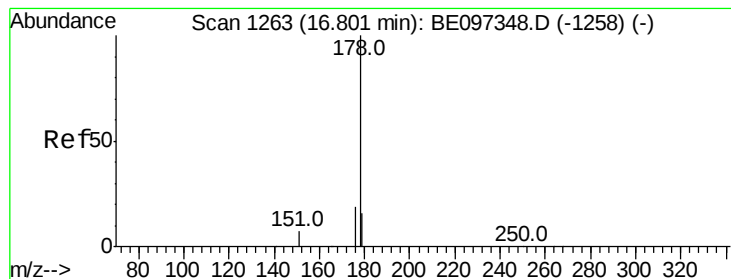
264 65.8 72.5 108.7#

268 66.7 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: 1.582 ng

RT: 16.80 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

Instrument :

BNA_E

ClientSampleId :

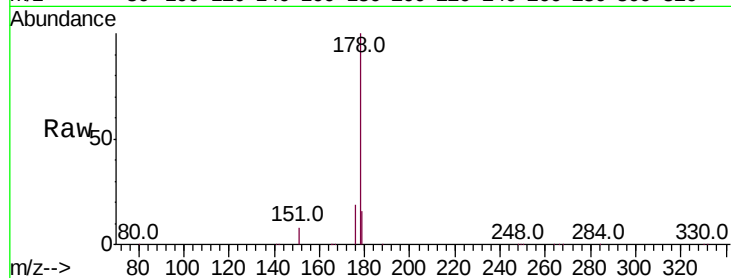
Tot Ion:178 Resp: 24245

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

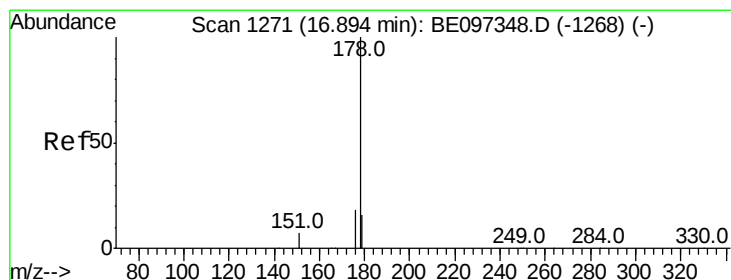
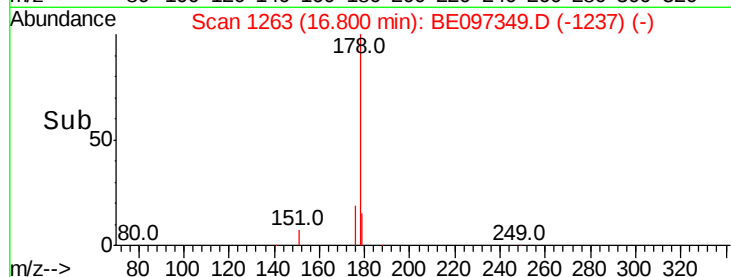
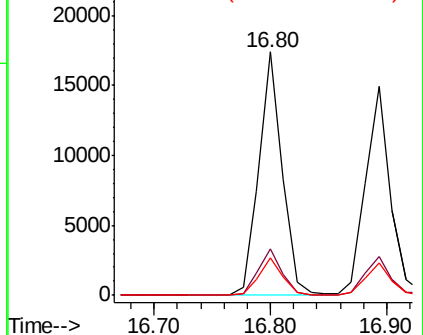
179 15.1 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 1.917 ng

RT: 16.89 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

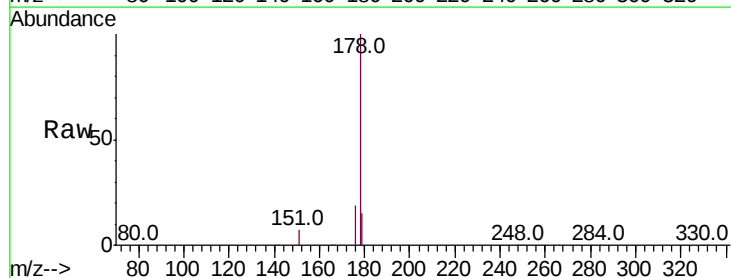
Tgt Ion:178 Resp: 21750

Ion Ratio Lower Upper

178 100

176 18.8 12.8 19.2

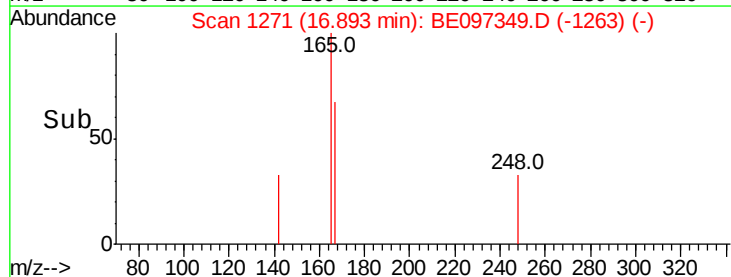
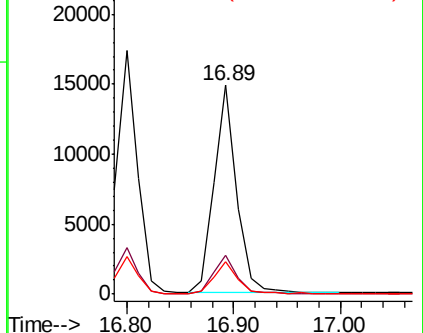
179 15.4 13.0 19.6

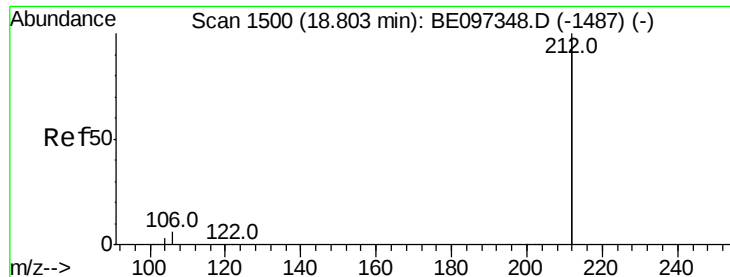


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 2.067 ng

RT: 18.80 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

Instrument :

BNA_E

ClientSampleId :

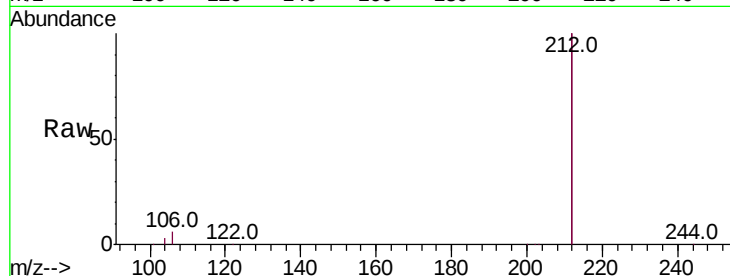
Tot Ion:212 Resp: 115923

Ion Ratio Lower Upper

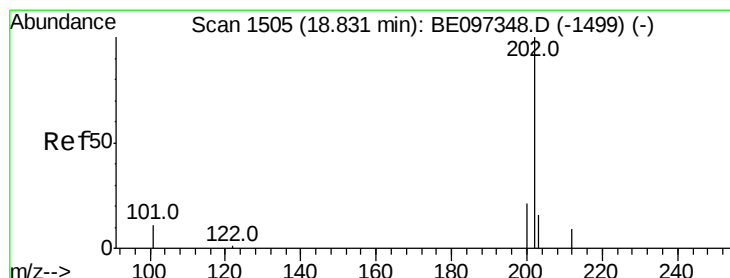
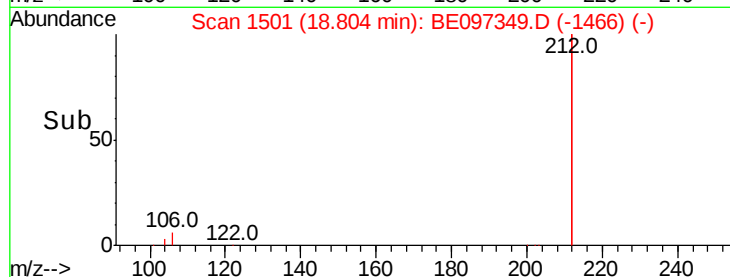
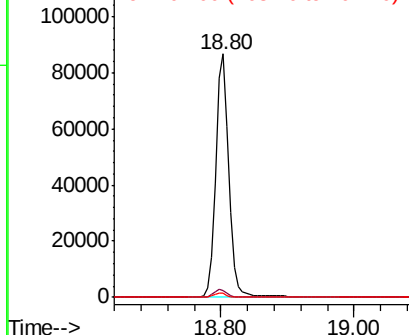
212 100

106 3.1 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: 2.101 ng

RT: 18.83 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

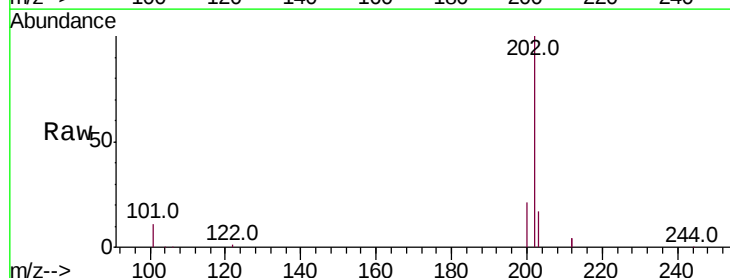
Tgt Ion:202 Resp: 31027

Ion Ratio Lower Upper

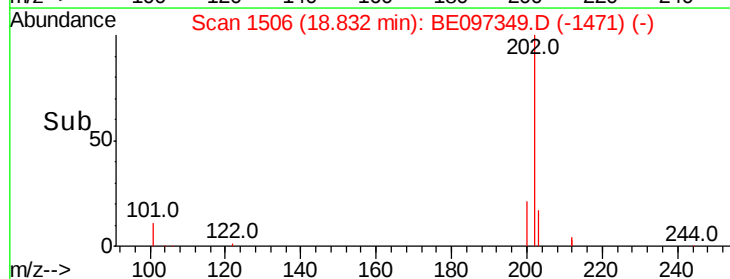
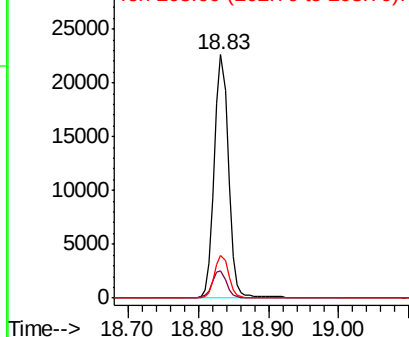
202 100

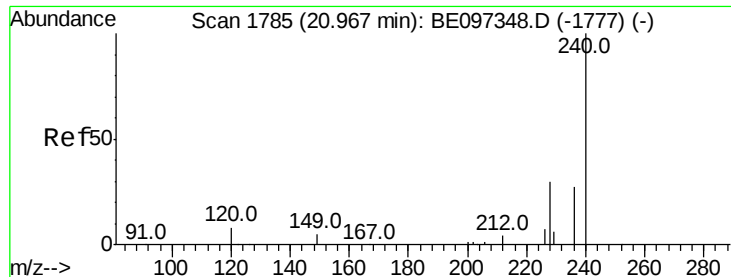
101 11.2 9.8 14.8

203 17.2 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

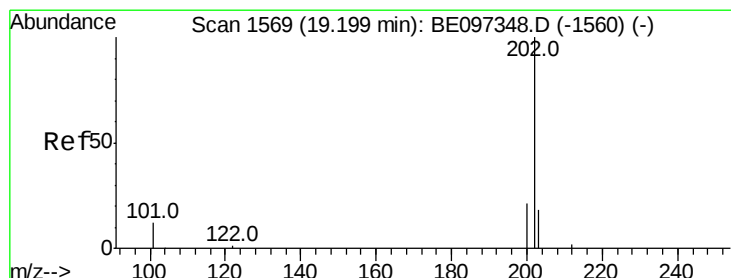
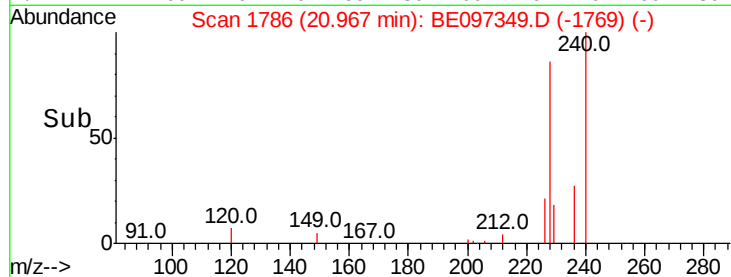
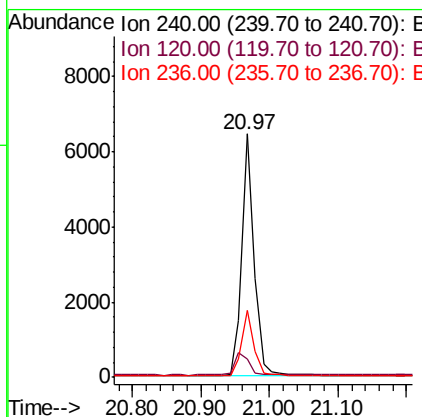
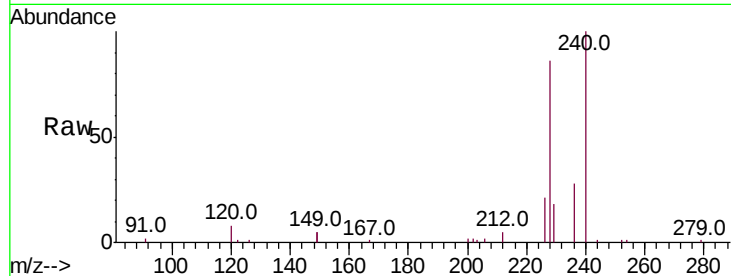




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BE097349.D
 Acq: 22 Aug 2018 16:05

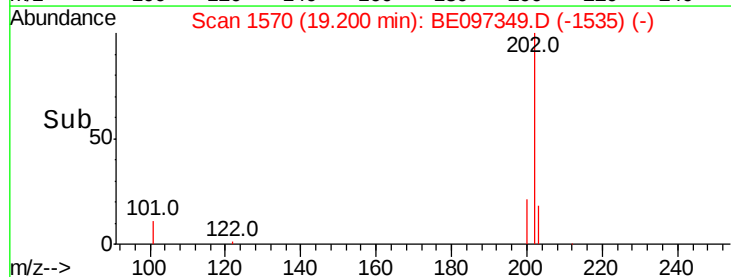
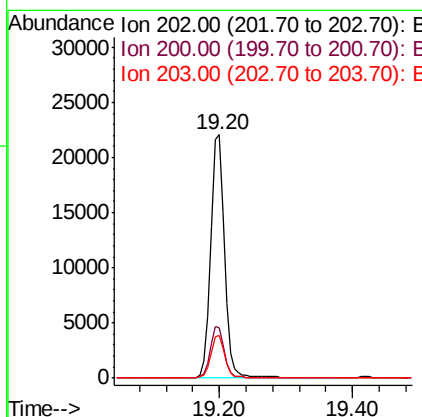
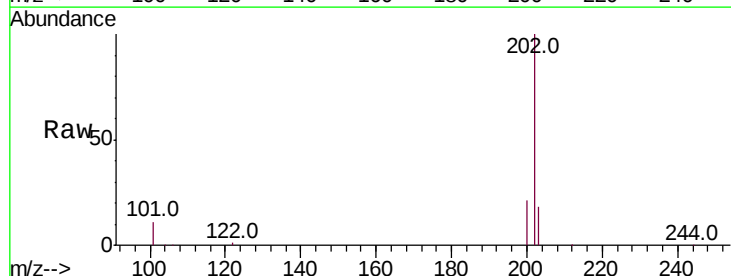
Instrument :
 BNA_E
 ClientSampleId :

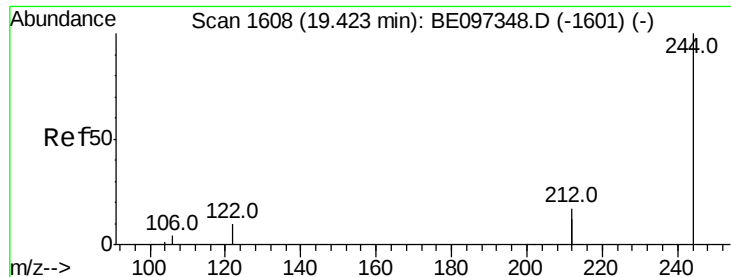
Tot Ion:240 Resp: 8113
 Ion Ratio Lower Upper
 240 100
 120 7.7 5.5 8.3
 236 27.7 20.7 31.1



#28
 Pyrene
 Concen: 1.442 ng
 RT: 19.20 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BE097349.D
 Acq: 22 Aug 2018 16:05

Tgt Ion:202 Resp: 31411
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.6 25.0
 203 17.4 13.8 20.8





#29

Terphenyl-d14

Concen: 1.478 ng

RT: 19.42 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

Instrument :

BNA_E

ClientSampleId :

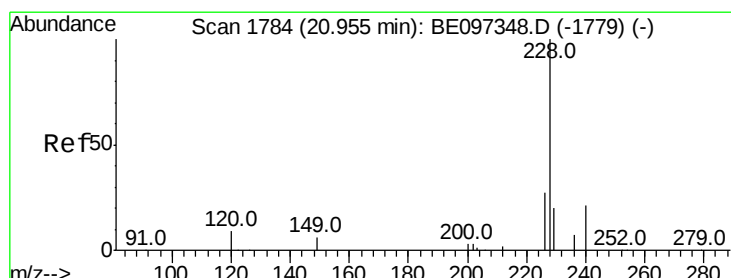
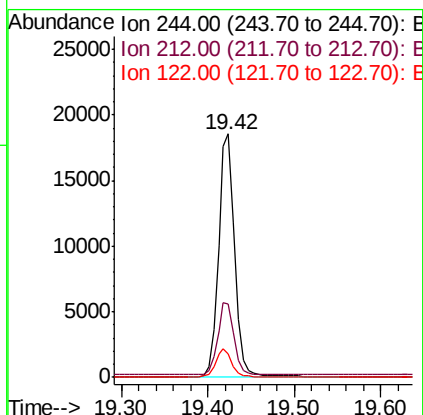
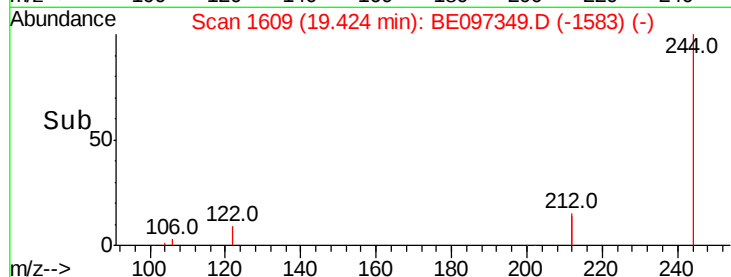
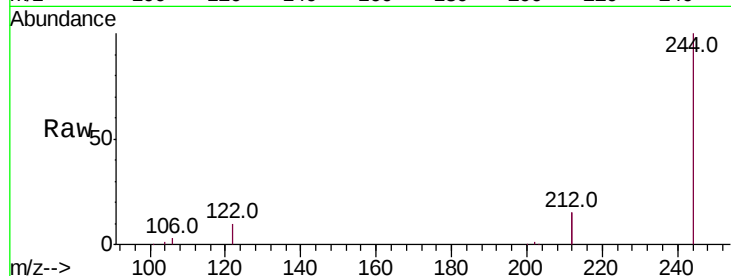
Tot Ion:244 Resp: 24006

Ion Ratio Lower Upper

244 100

212 30.4 25.4 38.0

122 9.6 8.1 12.1



#30

Benzo(a)anthracene

Concen: 1.917 ng

RT: 20.95 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

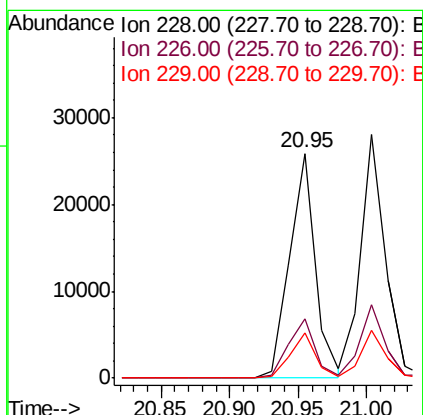
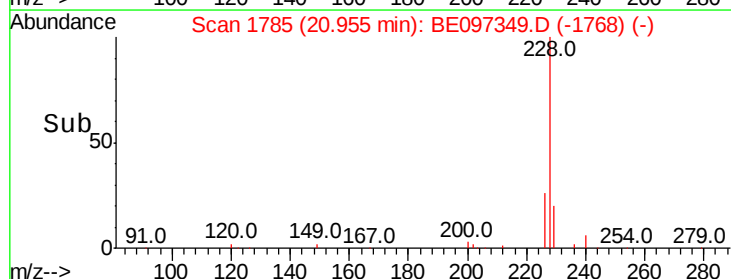
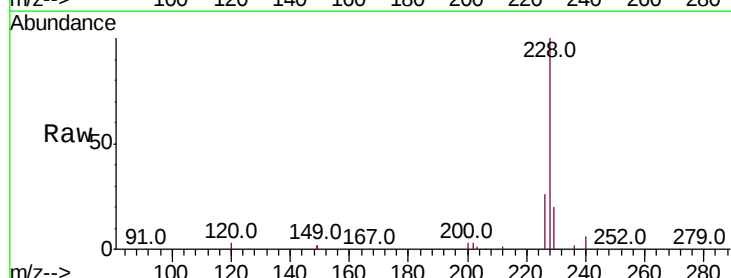
Tgt Ion:228 Resp: 33442

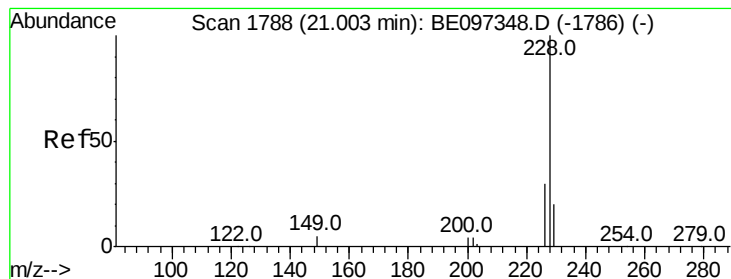
Ion Ratio Lower Upper

228 100

226 26.4 24.0 36.0

229 20.0 16.0 24.0





#31

Chrysene

Concen: 1.531 ng

RT: 21.00 min Scan# 1789

Delta R.T. -0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

Instrument :

BNA_E

ClientSampleId :

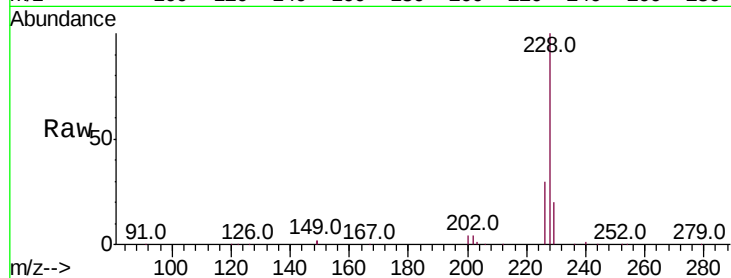
Tot Ion:228 Resp: 35001

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	19.8	16.0	24.0

228 100

226 30.1 24.0 36.0

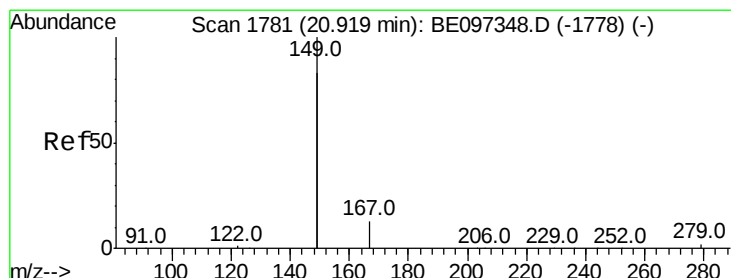
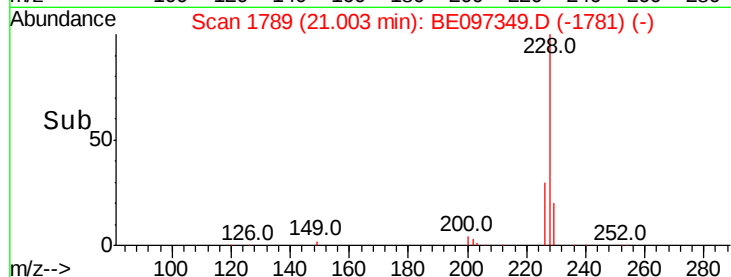
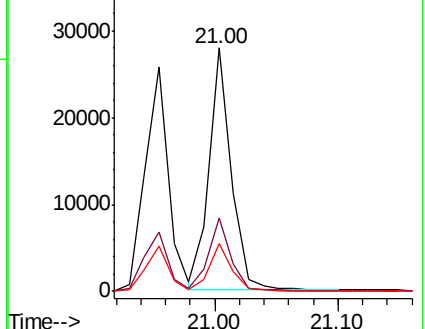
229 19.8 16.0 24.0



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: 3.787 ng

RT: 20.92 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

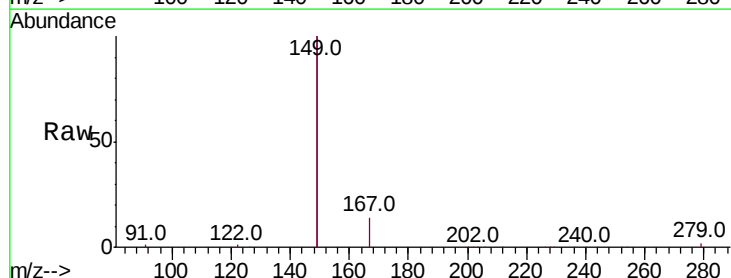
Tgt Ion:149 Resp: 40207

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	0.9	0.7	1.1

149 100

167 6.5 5.4 8.0

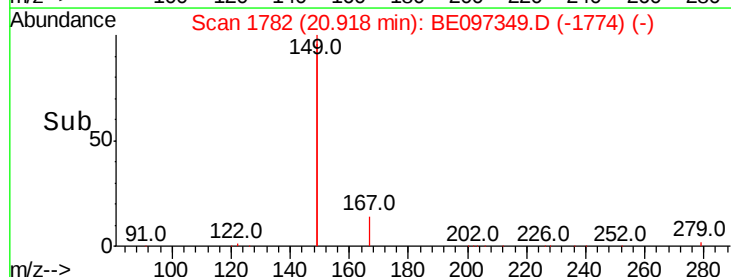
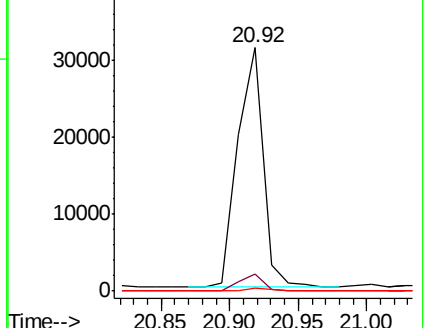
279 0.9 0.7 1.1

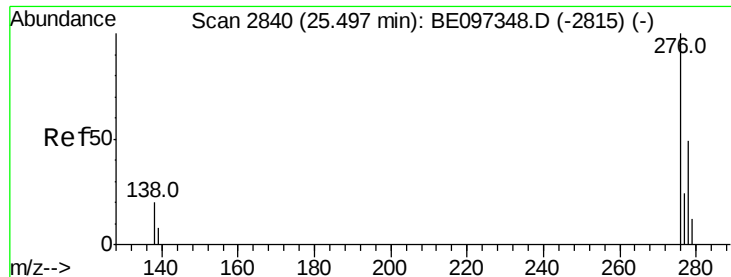


Abundance Ion 149.00 (148.70 to 149.70): E

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: 2.617 ng

RT: 25.49 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

Instrument :

BNA_E

ClientSampleId :

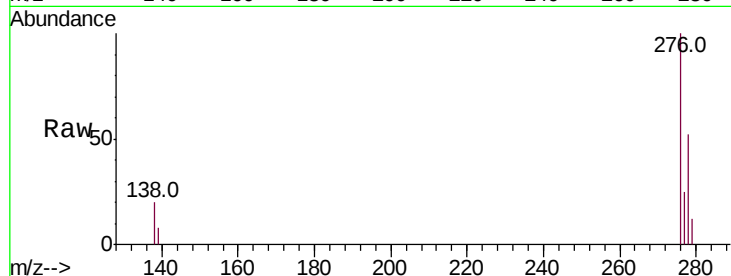
Tot Ion:276 Resp: 38024

Ion Ratio Lower Upper

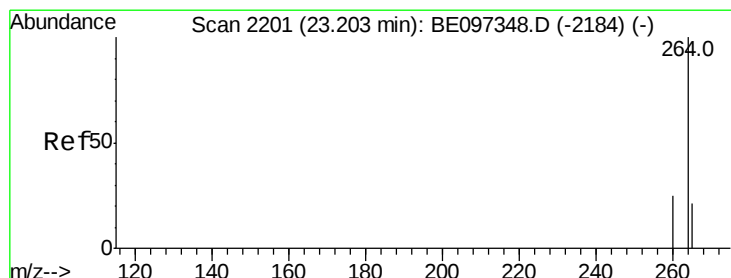
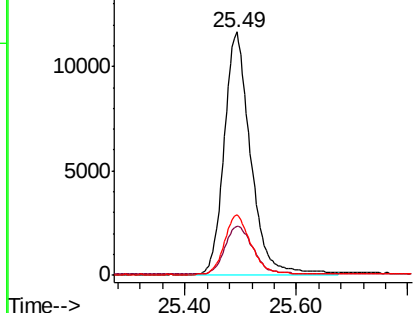
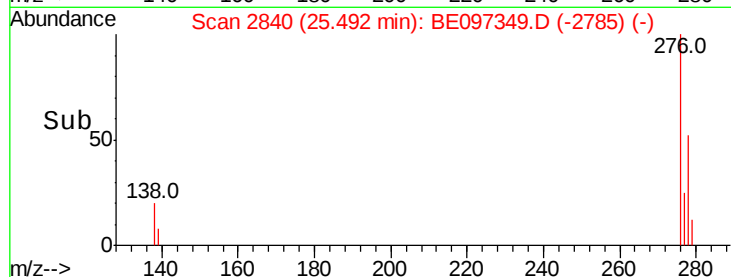
276 100

138 21.5 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# 2203

Delta R.T. 0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

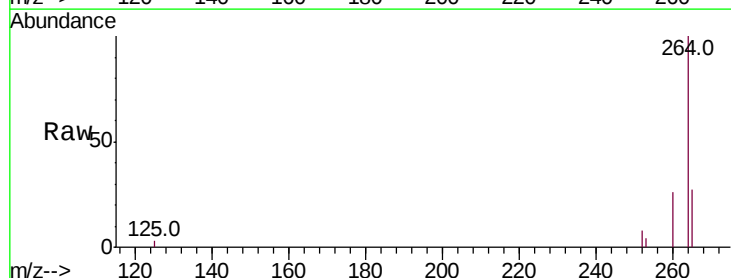
Tgt Ion:264 Resp: 7181

Ion Ratio Lower Upper

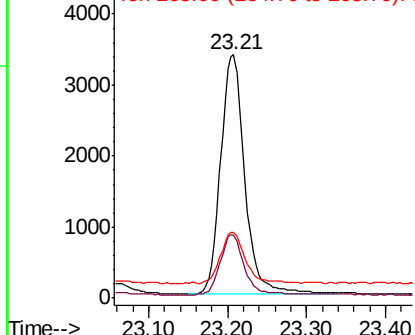
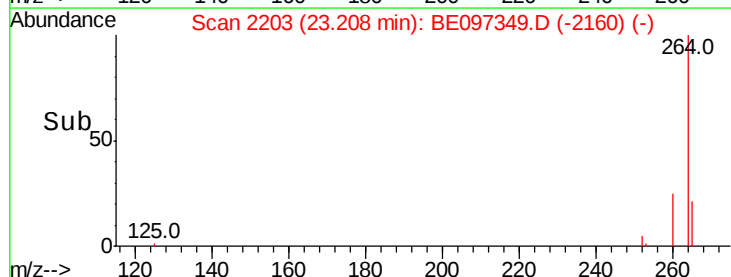
264 100

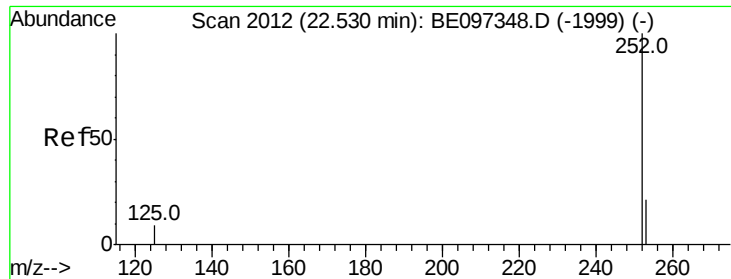
260 26.1 20.5 30.7

265 27.1 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 1.668 ng

RT: 22.53 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

Instrument :

BNA_E

ClientSampleId :

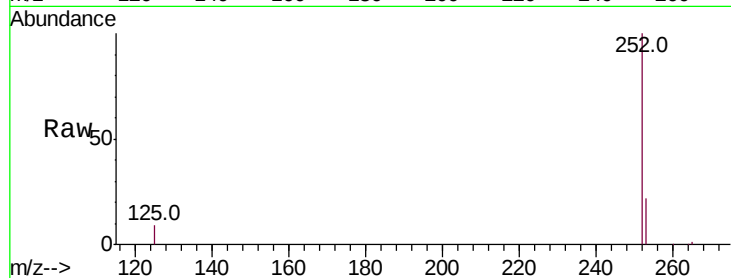
Tot Ion:252 Resp: 31587

Ion Ratio Lower Upper

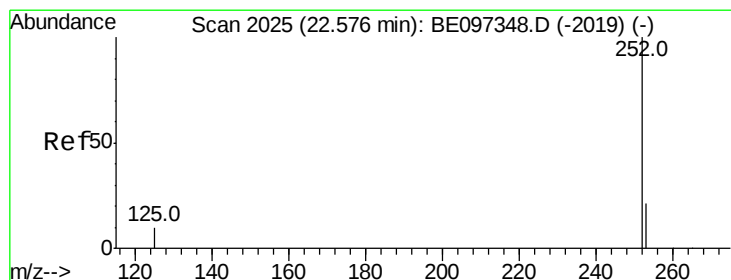
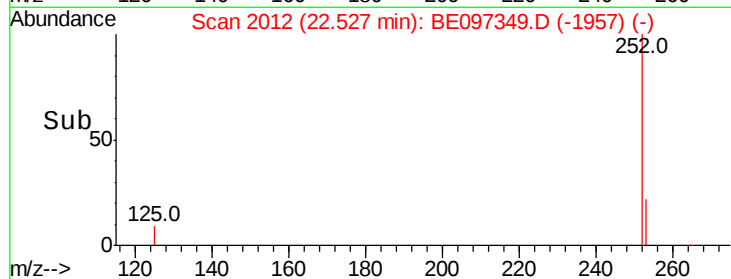
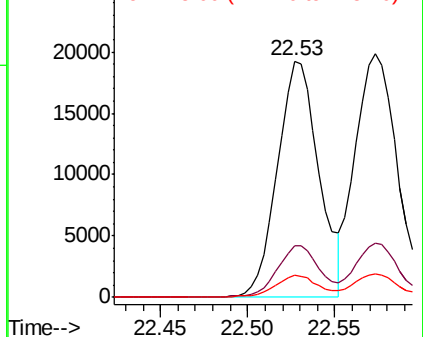
252 100

253 21.9 20.0 30.0

125 9.4 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: 1.281 ng

RT: 22.57 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

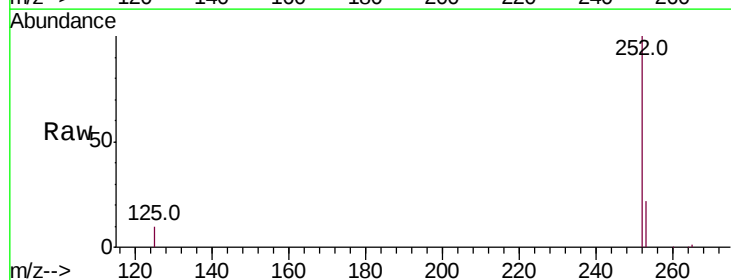
Tgt Ion:252 Resp: 34038

Ion Ratio Lower Upper

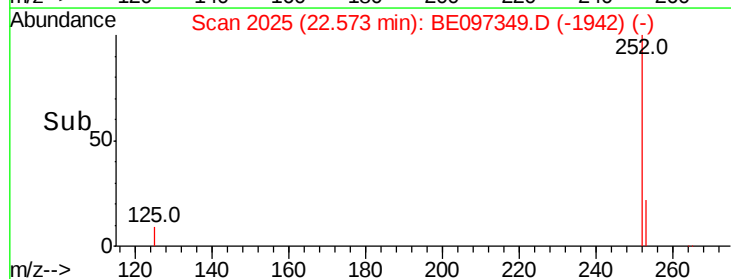
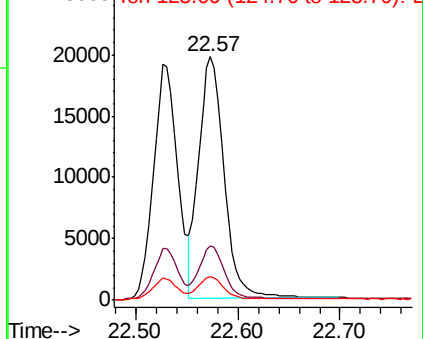
252 100

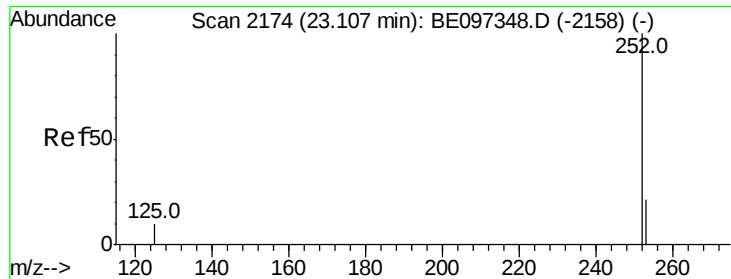
253 22.1 16.0 24.0

125 9.7 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: 1.703 ng

RT: 23.10 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

Instrument :

BNA_E

ClientSampleId :

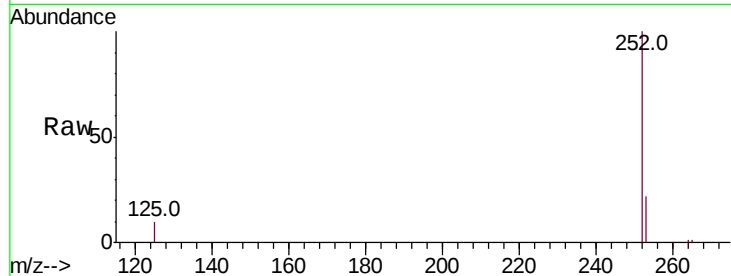
Tot Ion:252 Resp: 29358

Ion Ratio Lower Upper

252 100

253 22.2 16.0 24.0

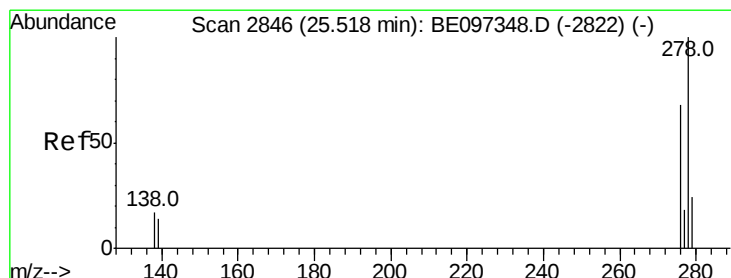
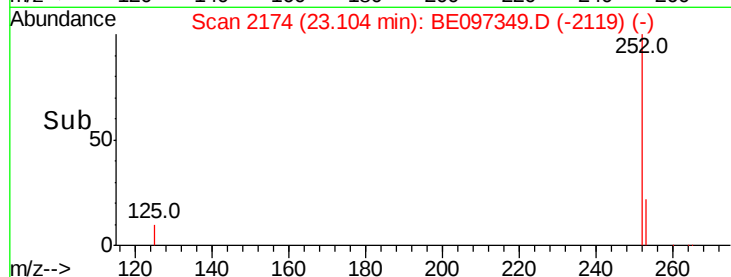
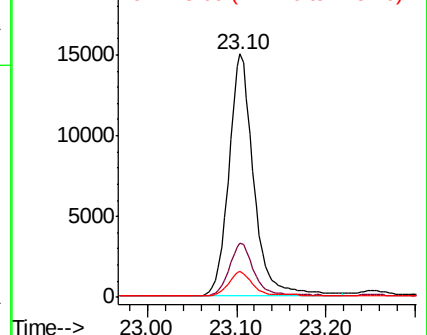
125 10.4 12.0 18.0#



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: 2.200 ng

RT: 25.51 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

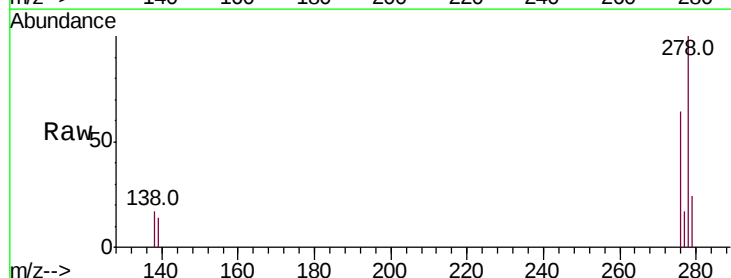
Tgt Ion:278 Resp: 32428

Ion Ratio Lower Upper

278 100

139 14.5 16.0 24.0#

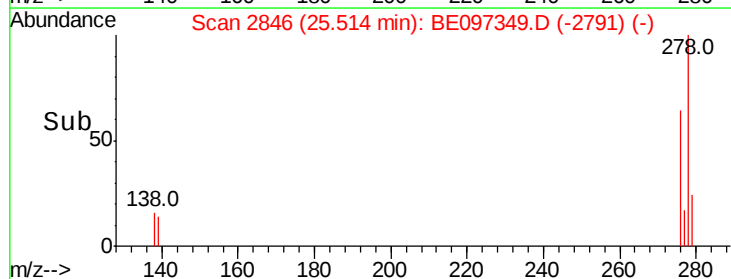
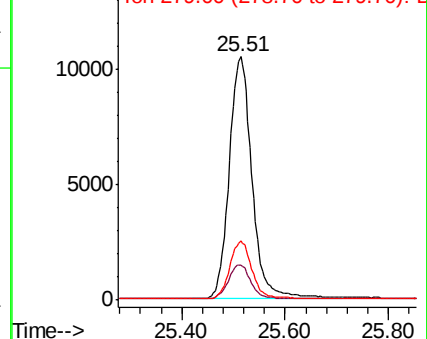
279 24.4 20.0 30.0

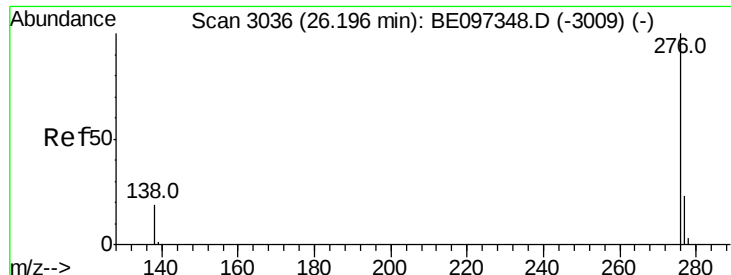


Abundance Ion 278.00 (277.70 to 278.70): E

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: 2.178 ng

RT: 26.19 min Scan# 3036

Delta R.T. -0.00 min

Lab File: BE097349.D

Acq: 22 Aug 2018 16:05

Instrument :

BNA_E

ClientSampleId :

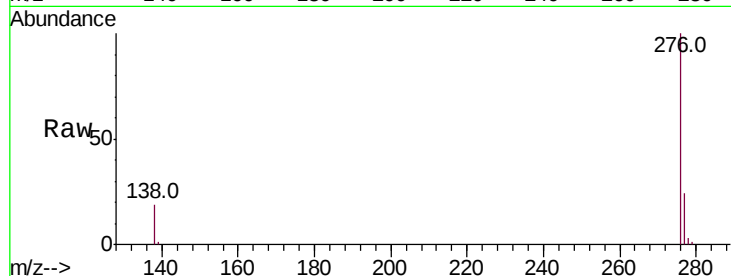
Tot Ion:276 Resp: 32360

Ion Ratio Lower Upper

276 100

277 23.8 16.0 24.0

138 18.8 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

