

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082218\
 Data File : BE097348.D
 Acq On : 22 Aug 2018 15:26
 Operator : SJ/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 22 16:06:45 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	856	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4010	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	2166	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	6000	0.40	ng	0.00
27) Chrysene-d12	20.97	240	7570	0.40	ng	0.00
34) Perylene-d12	23.20	264	7234	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	910	0.46	ng	0.00
5) Phenol-d6	6.60	99	1217	0.42	ng	0.00
8) Nitrobenzene-d5	8.52	82	1028	0.60	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2071	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	242	0.68	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	3026	0.34	ng	0.00
25) Fluoranthene-d10	18.80	212	24987	0.47	ng	0.00
29) Terphenyl-d14	19.42	244	5188	0.34	ng	0.00

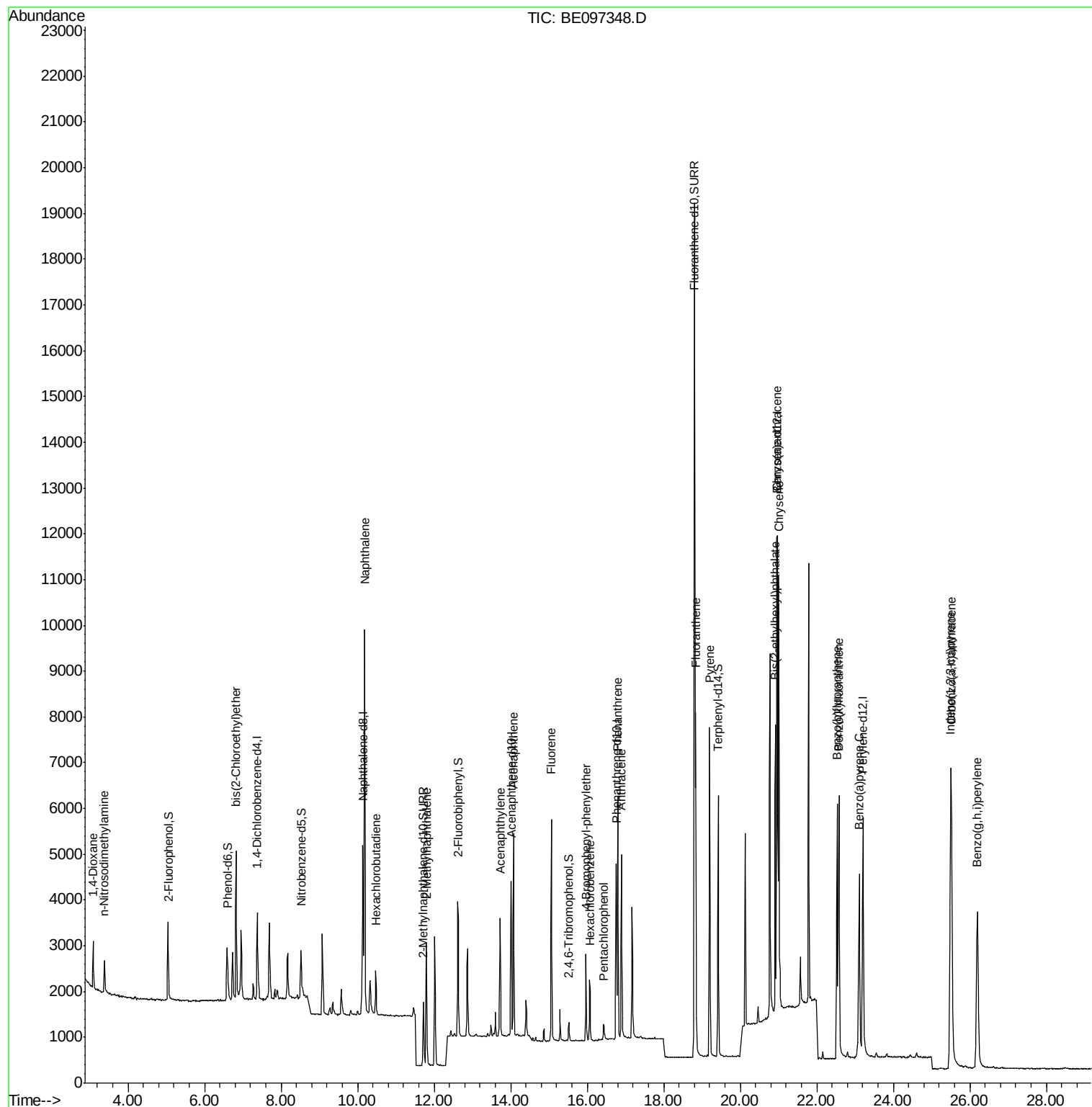
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	594	0.438	ng	# 89
3) n-Nitrosodimethylamine	3.37	42	538	0.454	ng	98
6) bis(2-Chloroethyl)ether	6.83	93	1164	0.402	ng	94
9) Naphthalene	10.18	128	13771	0.375	ng	100
10) Hexachlorobutadiene	10.47	225	619	0.383	ng	97
12) 2-Methylnaphthalene	11.80	142	2144	0.387	ng	99
16) Acenaphthylene	13.73	152	3082	0.374	ng	99
17) Acenaphthene	14.07	154	2112	0.363	ng	95
18) Fluorene	15.06	166	2673	0.376	ng	# 79
20) 4-Bromophenyl-phenylether	15.96	248	978	0.361	ng	# 78
21) Hexachlorobenzene	16.08	284	1112	0.306	ng	# 83
22) Pentachlorophenol	16.44	266	250	0.701	ng	83
23) Phenanthrene	16.80	178	5256	0.359	ng	98
24) Anthracene	16.89	178	4330	0.400	ng	96
26) Fluoranthene	18.83	202	6488	0.460	ng	99
28) Pyrene	19.20	202	6674	0.328	ng	99
30) Benzo(a)anthracene	20.95	228	6970	0.428	ng	97
31) Chrysene	21.00	228	7733	0.363	ng	99
32) Bis(2-ethylhexyl)phthalate	20.92	149	7905	0.798	ng	100
33) Indeno(1,2,3-cd)pyrene	25.50	276	9331	0.688	ng	# 72
35) Benzo(b)fluoranthene	22.53	252	6983	0.366	ng	# 88
36) Benzo(k)fluoranthene	22.58	252	7842	0.293	ng	95
37) Benzo(a)pyrene	23.11	252	6481	0.373	ng	93
38) Dibenzo(a,h)anthracene	25.52	278	7922	0.534	ng	96
39) Benzo(g,h,i)perylene	26.20	276	8150	0.545	ng	# 91

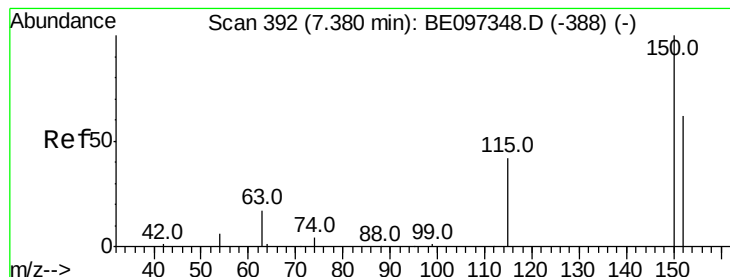
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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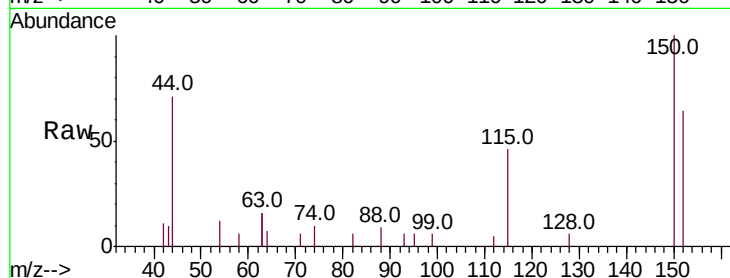


#1

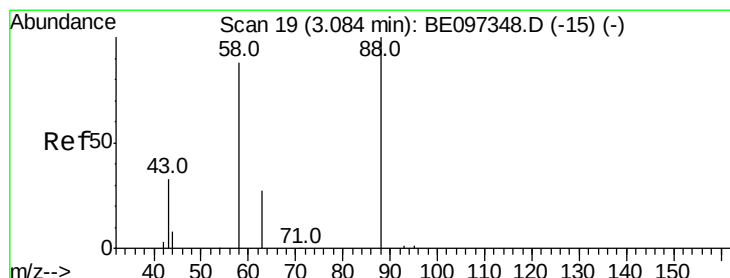
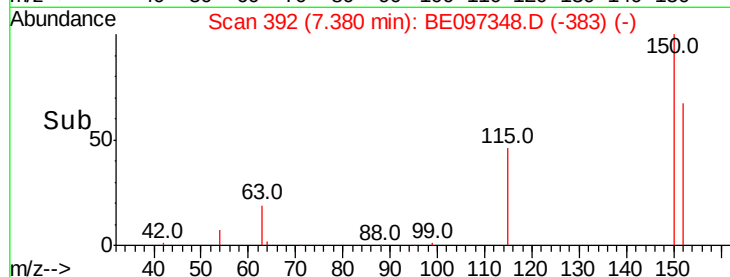
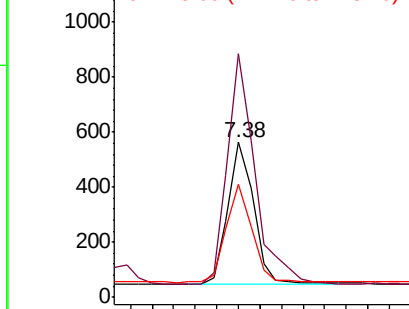
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097348.D
Acq: 22 Aug 2018 15:26

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 856
Ion Ratio Lower Upper
152 100
150 157.2 117.2 175.8
115 73.0 57.0 85.6



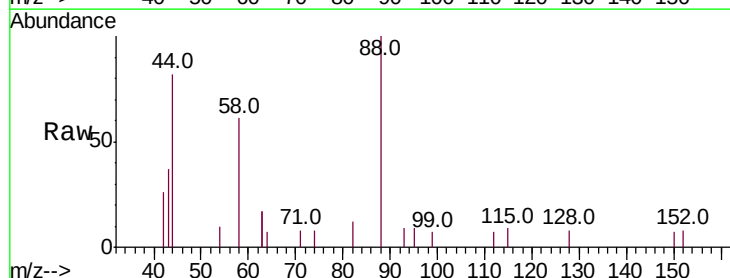
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



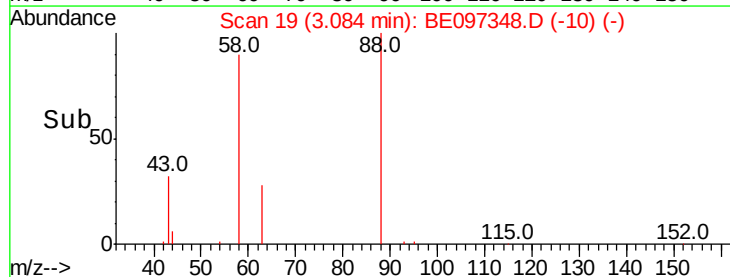
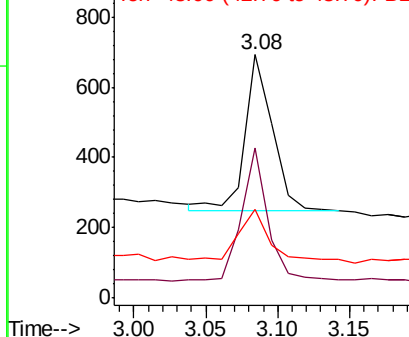
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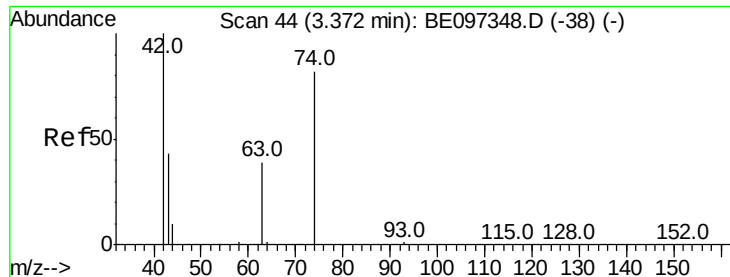
1,4-Dioxane
Concen: 0.438 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.00 min
Lab File: BE097348.D
Acq: 22 Aug 2018 15:26

Tgt Ion: 88 Resp: 594
Ion Ratio Lower Upper
88 100
58 78.5 63.2 94.8
43 31.8 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



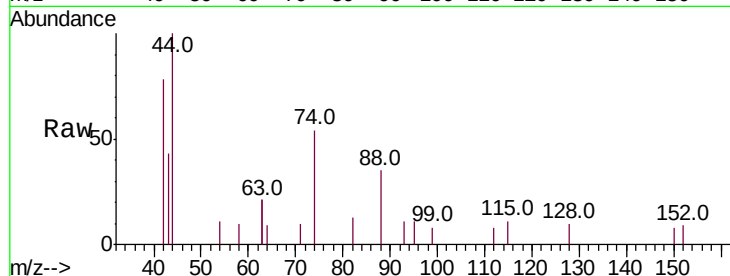


#3

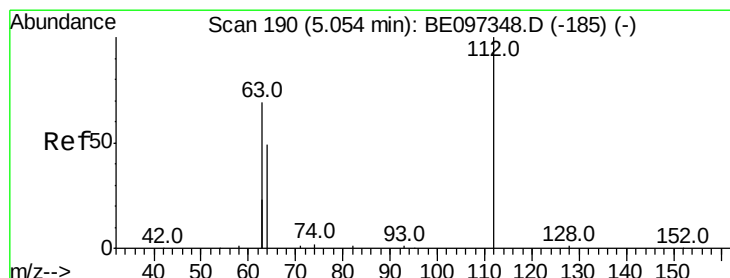
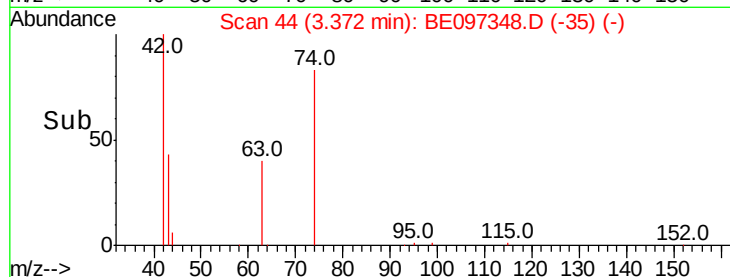
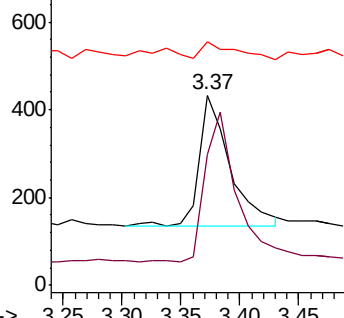
n-Nitrosodimethylamine
 Concen: 0.454 ng
 RT: 3.37 min Scan# 44
 Delta R.T. 0.00 min
 Lab File: BE097348.D
 Acq: 22 Aug 2018 15:26

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 538
 Ion Ratio Lower Upper
 42 100
 74 117.8 96.0 144.0
 44 14.3 12.0 18.0



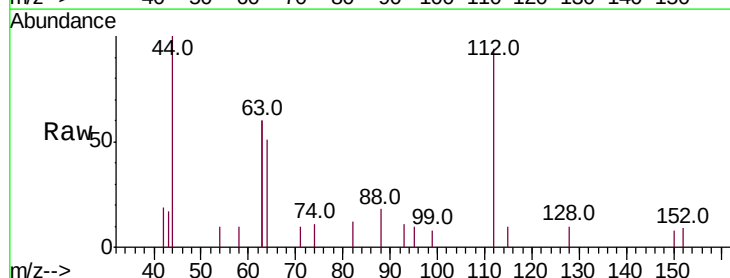
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



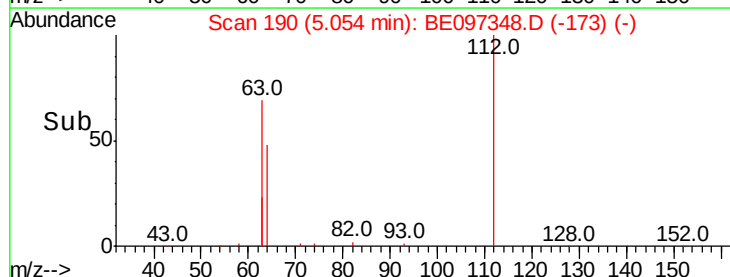
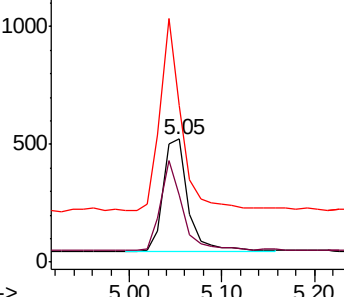
#4

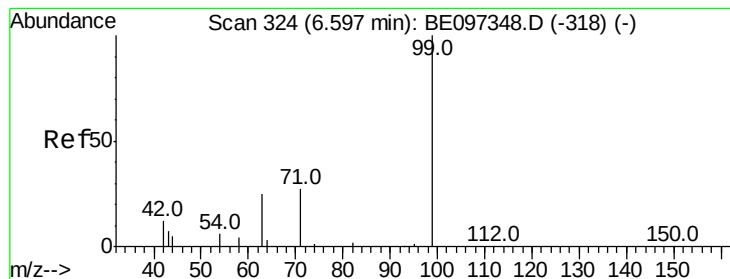
2-Fluorophenol
 Concen: 0.464 ng
 RT: 5.05 min Scan# 190
 Delta R.T. 0.00 min
 Lab File: BE097348.D
 Acq: 22 Aug 2018 15:26

Tgt Ion: 112 Resp: 910
 Ion Ratio Lower Upper
 112 100
 64 67.8 60.1 90.1
 63 141.6 116.8 175.2



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: 0.418 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE097348.D

Acq: 22 Aug 2018 15:26

Instrument :

BNA_E

ClientSampleId :

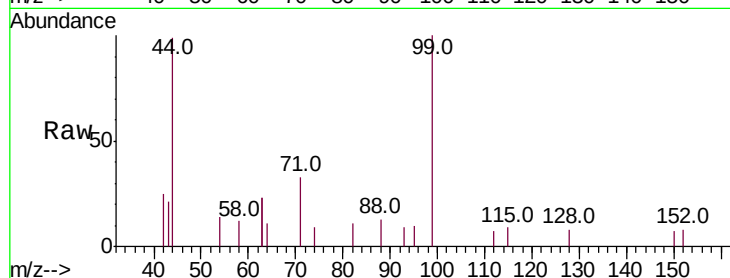
Tot Ion: 99 Resp: 1217

Ion Ratio Lower Upper

99 100

42 22.3 20.2 30.2

71 33.6 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

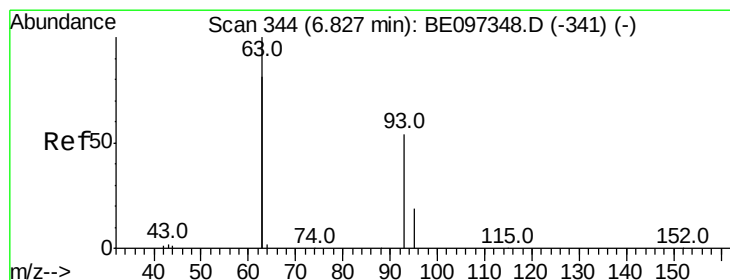
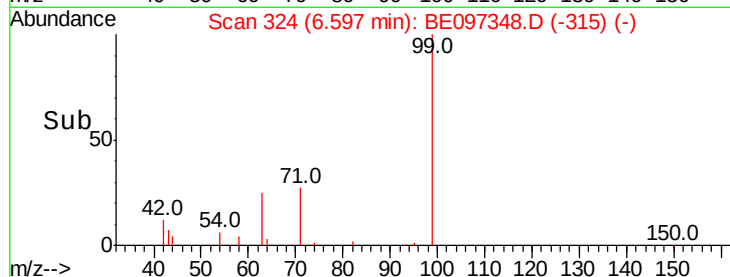
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

6.60

6.50 6.55 6.60 6.65 6.70

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.402 ng

RT: 6.83 min Scan# 344

Delta R.T. 0.00 min

Lab File: BE097348.D

Acq: 22 Aug 2018 15:26

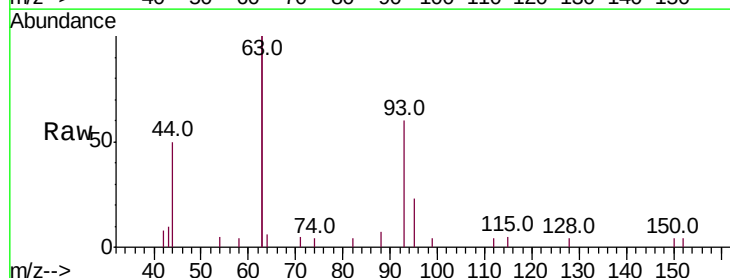
Tgt Ion: 93 Resp: 1164

Ion Ratio Lower Upper

93 100

63 332.6 275.3 412.9

95 35.6 25.2 37.8



Abundance Ion 93.00 (92.70 to 93.70): BE0

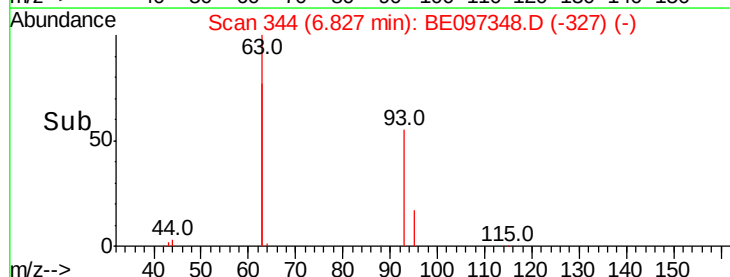
Ion 63.00 (62.70 to 63.70): BE0

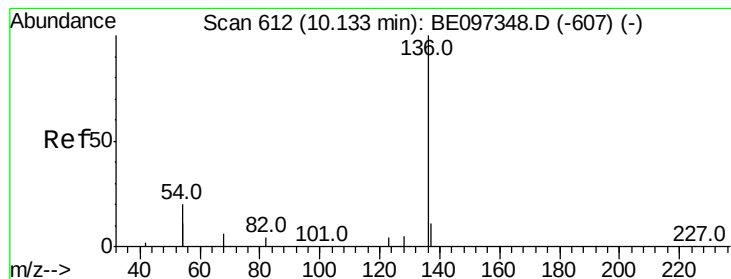
Ion 95.00 (94.70 to 95.70): BE0

6.83

6.80 6.85 6.90

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097348.D

Acq: 22 Aug 2018 15:26

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4010

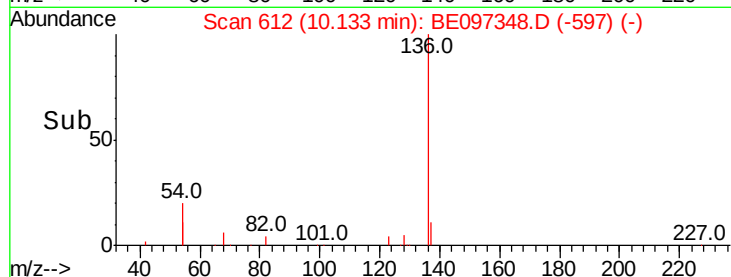
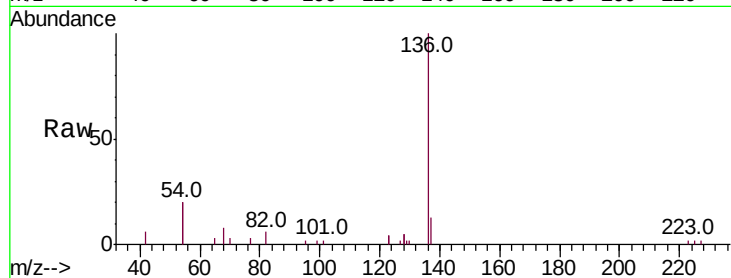
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 40.0 29.1 43.7

68 8.1 6.2 9.2

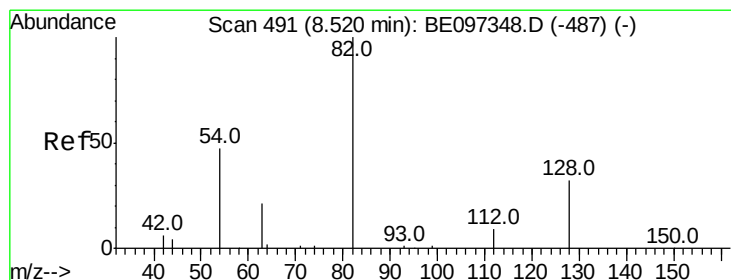
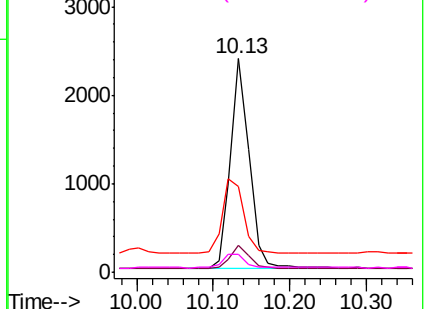


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.599 ng

RT: 8.52 min Scan# 491

Delta R.T. 0.00 min

Lab File: BE097348.D

Acq: 22 Aug 2018 15:26

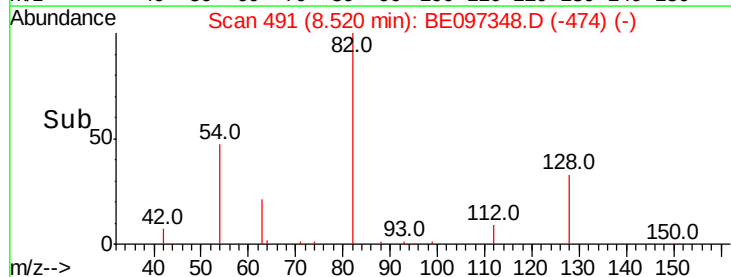
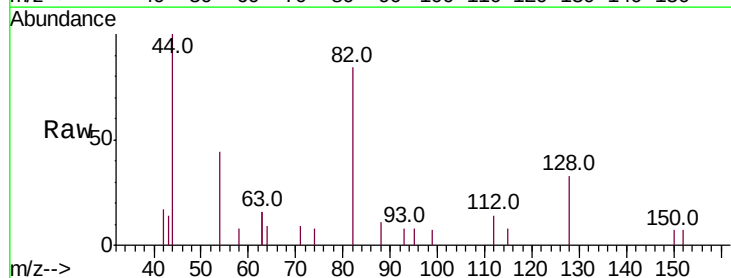
Tgt Ion: 82 Resp: 1028

Ion Ratio Lower Upper

82 100

128 38.8 24.0 36.0#

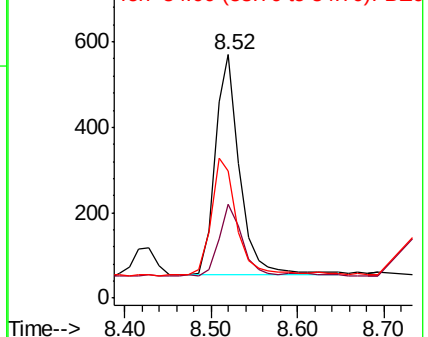
54 52.5 40.0 60.0

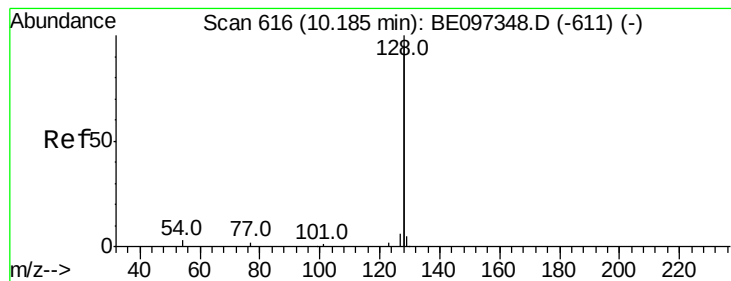


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.375 ng

RT: 10.18 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE097348.D

Acq: 22 Aug 2018 15:26

Instrument :

BNA_E

ClientSampled :

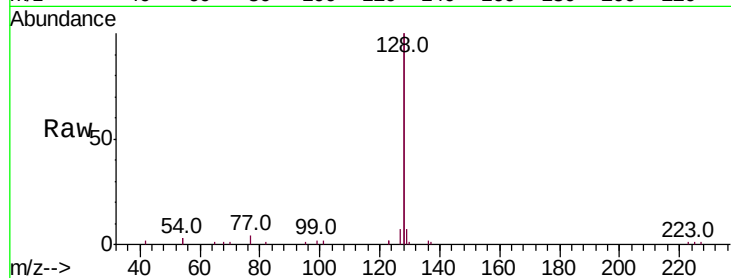
Tot Ion:128 Resp: 13771

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

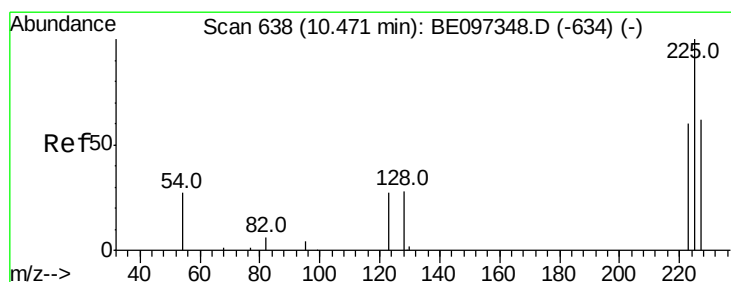
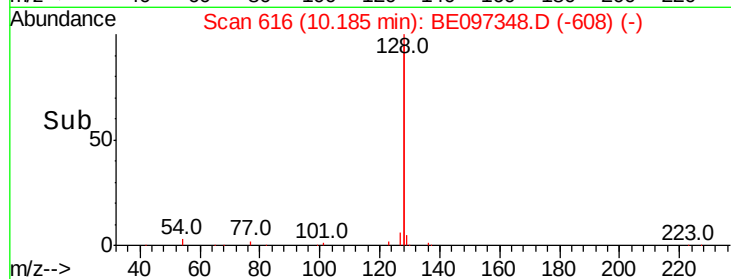
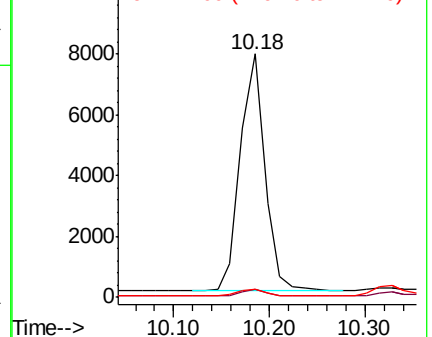
127 3.5 2.8 4.2



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: 0.383 ng

RT: 10.47 min Scan# 638

Delta R.T. 0.00 min

Lab File: BE097348.D

Acq: 22 Aug 2018 15:26

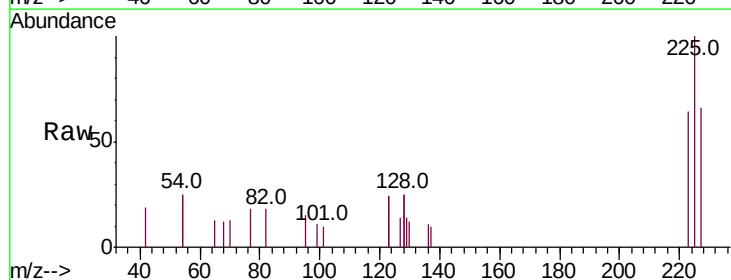
Tgt Ion:225 Resp: 619

Ion Ratio Lower Upper

225 100

223 61.2 53.0 79.6

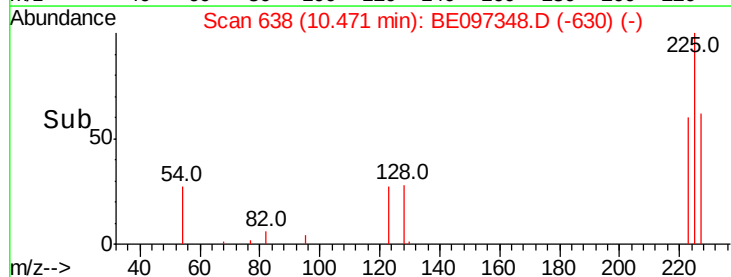
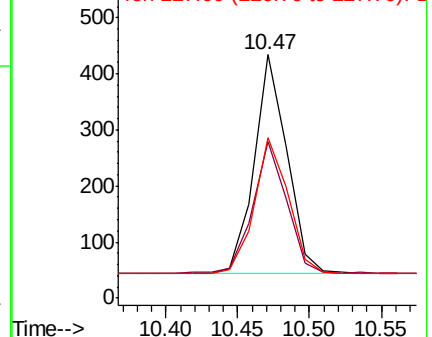
227 64.0 51.4 77.2

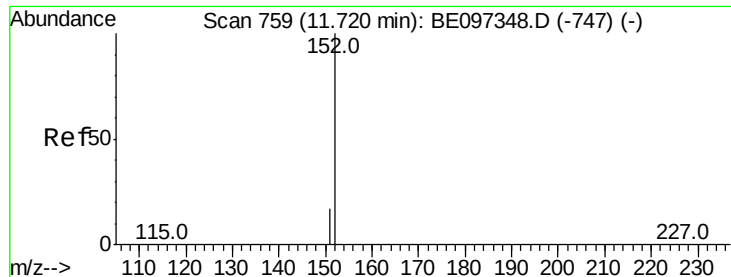


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

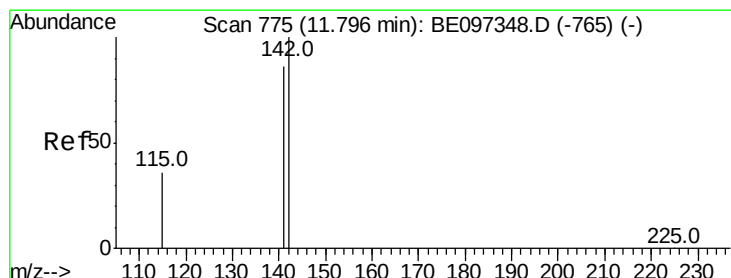
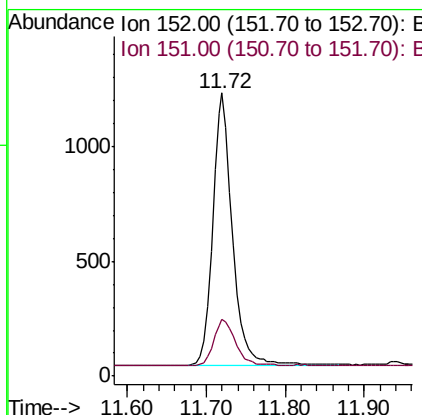
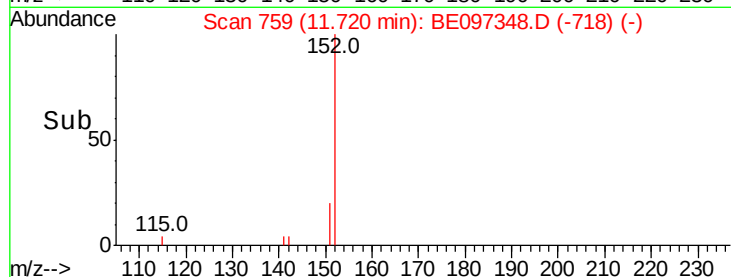
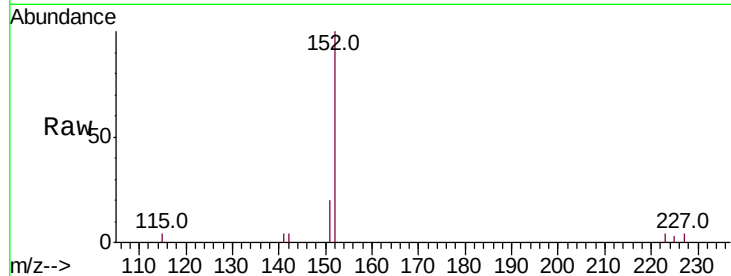




#11
 2-Methylnaphthalene-d10
 Concen: 0.382 ng
 RT: 11.72 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BE097348.D
 Acq: 22 Aug 2018 15:26

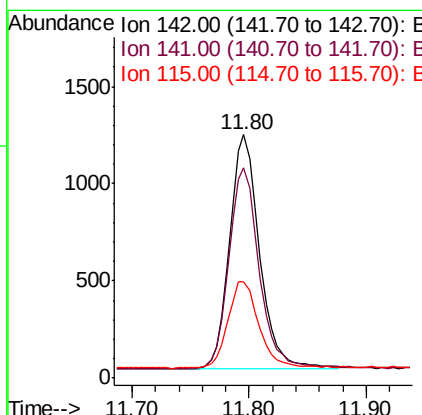
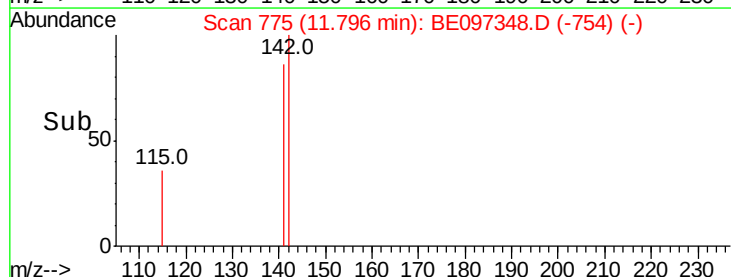
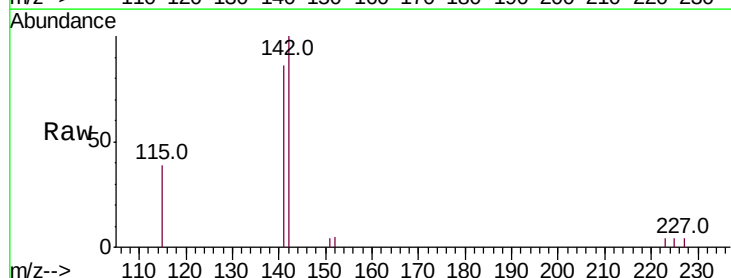
Instrument :
 BNA_E
 ClientSampleId :

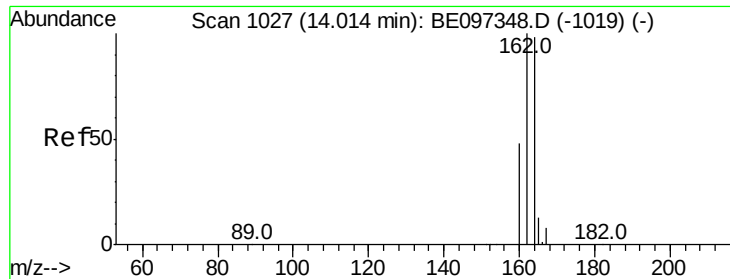
Tot Ion:152 Resp: 2071
 Ion Ratio Lower Upper
 152 100
 151 18.3 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.387 ng
 RT: 11.80 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BE097348.D
 Acq: 22 Aug 2018 15:26

Tgt Ion:142 Resp: 2144
 Ion Ratio Lower Upper
 142 100
 141 86.3 70.4 105.6
 115 39.3 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE097348.D

Acq: 22 Aug 2018 15:26

Instrument :

BNA_E

ClientSampleId :

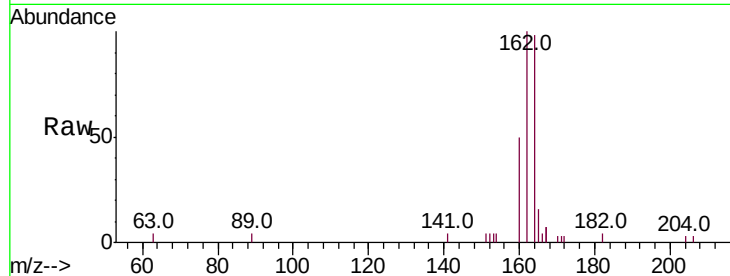
Tot Ion:164 Resp: 2166

Ion Ratio Lower Upper

164 100

162 101.8 83.1 124.7

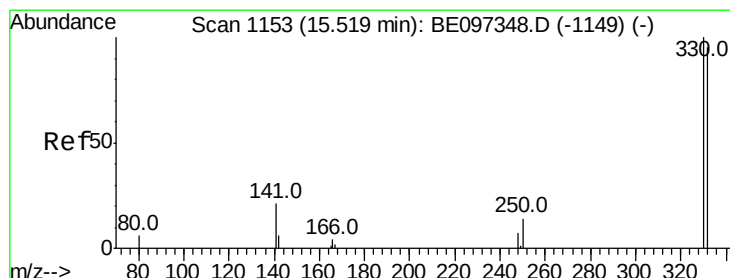
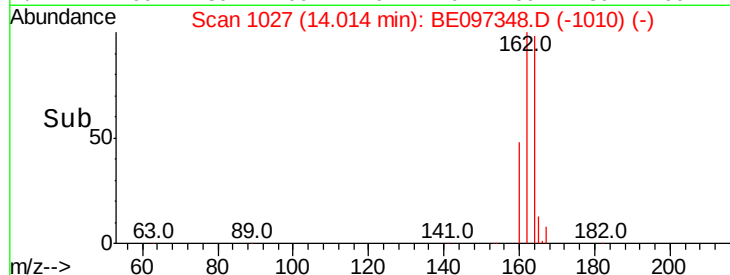
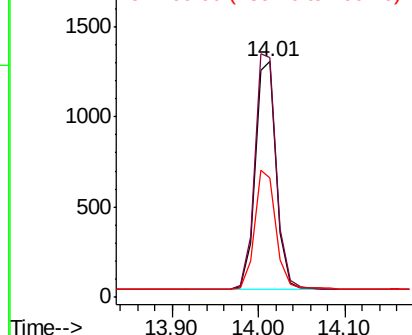
160 50.6 37.1 55.7



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: 0.678 ng

RT: 15.52 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE097348.D

Acq: 22 Aug 2018 15:26

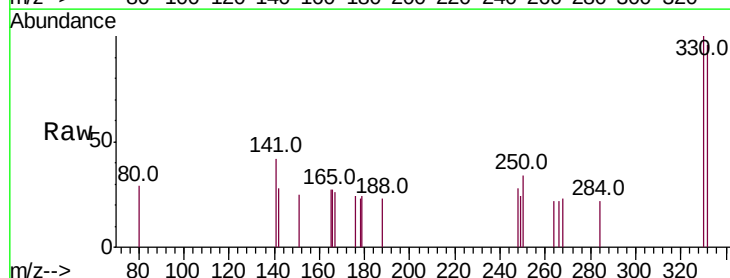
Tgt Ion:330 Resp: 242

Ion Ratio Lower Upper

330 100

332 97.5 152.7 229.1#

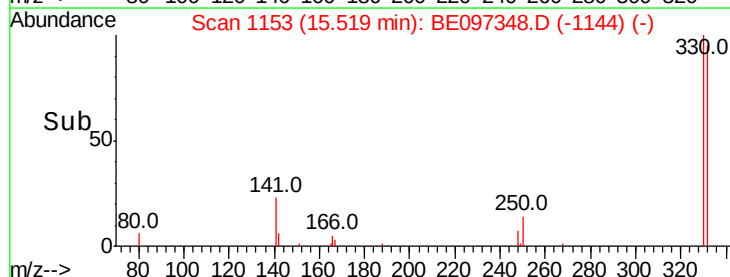
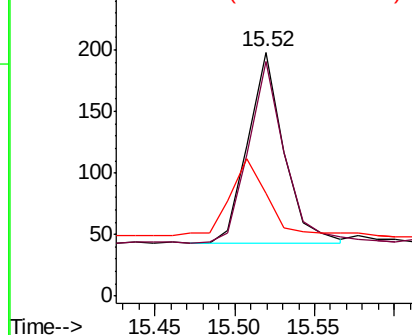
141 41.3 33.7 50.5

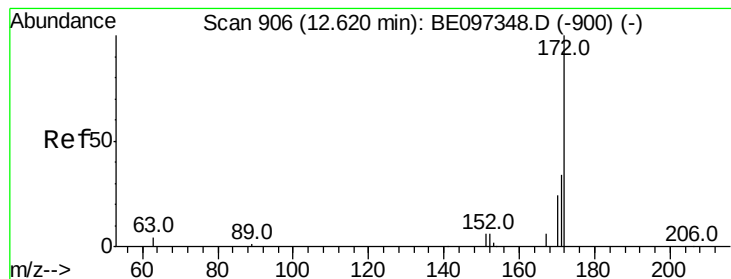


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.341 ng

RT: 12.62 min Scan# 906

Delta R.T. 0.00 min

Lab File: BE097348.D

Acq: 22 Aug 2018 15:26

Instrument :

BNA_E

ClientSampleId :

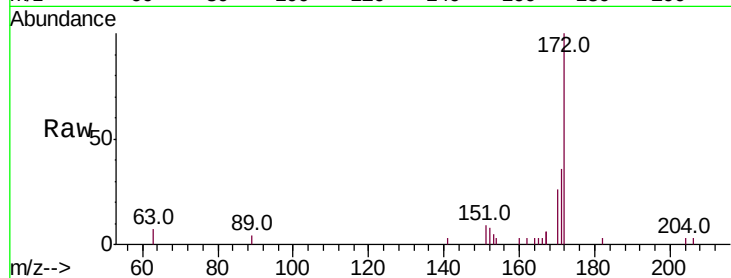
Tot Ion:172 Resp: 3026

Ion Ratio Lower Upper

172 100

171 36.2 29.9 44.9

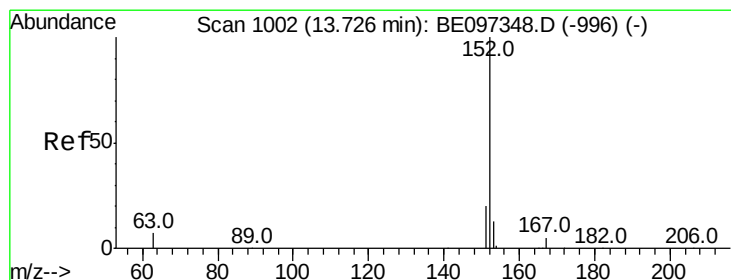
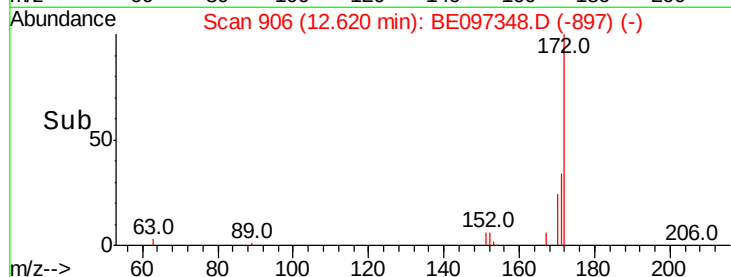
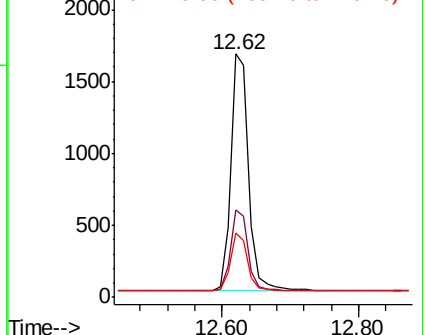
170 26.4 21.8 32.8



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: 0.374 ng

RT: 13.73 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE097348.D

Acq: 22 Aug 2018 15:26

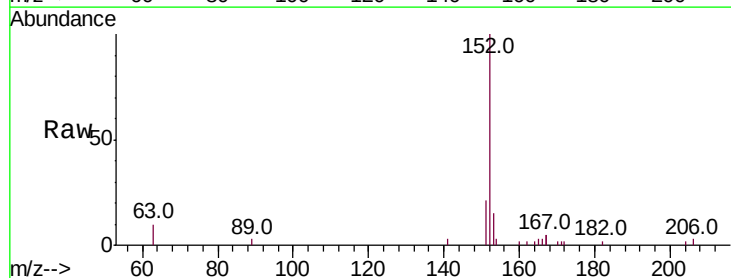
Tgt Ion:152 Resp: 3082

Ion Ratio Lower Upper

152 100

151 20.2 15.7 23.5

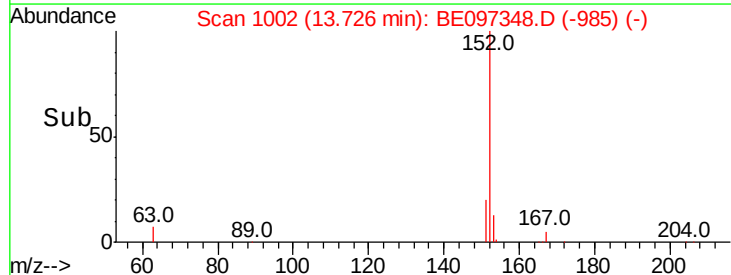
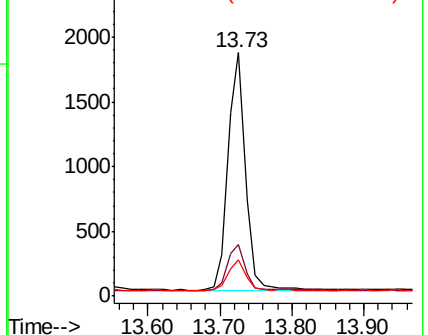
153 12.7 10.5 15.7

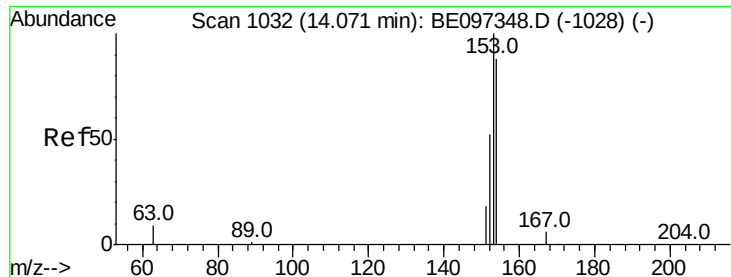


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

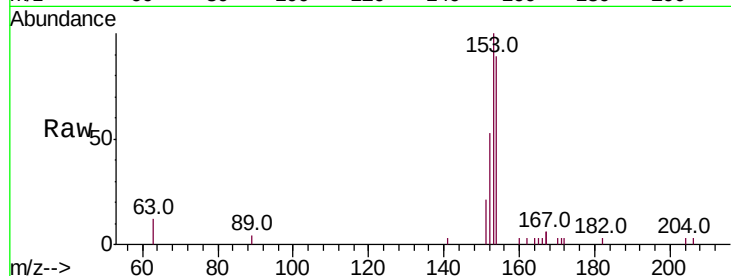




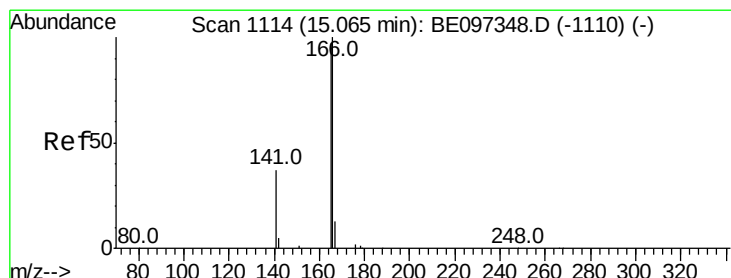
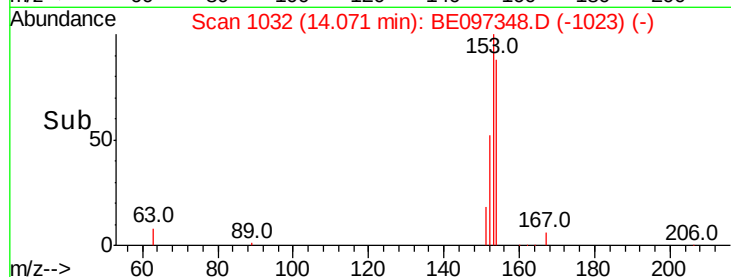
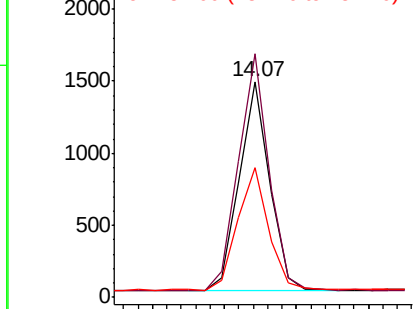
#17
Acenaphthene
Concen: 0.363 ng
RT: 14.07 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BE097348.D
Acq: 22 Aug 2018 15:26

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 2112
Ion Ratio Lower Upper
154 100
153 114.3 89.2 133.8
152 59.3 42.0 63.0

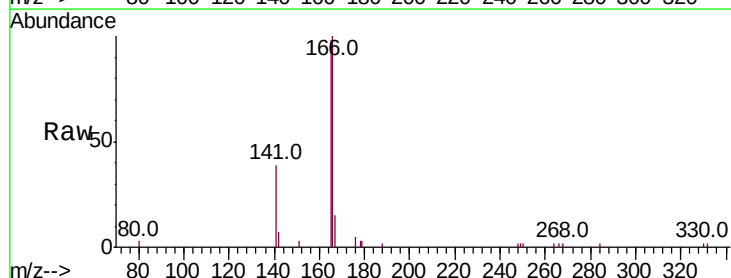


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

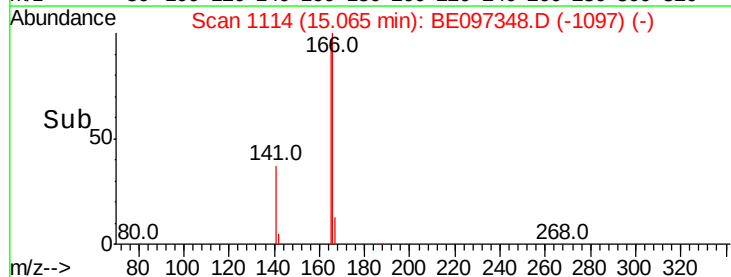
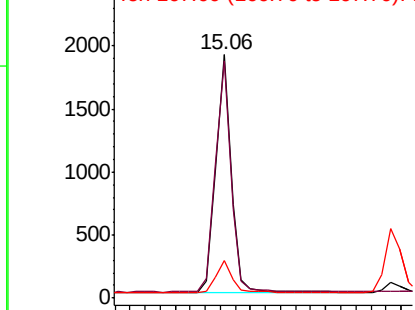


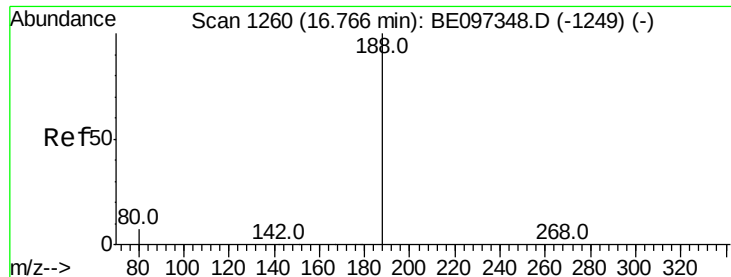
#18
Fluorene
Concen: 0.376 ng
RT: 15.06 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BE097348.D
Acq: 22 Aug 2018 15:26

Tgt Ion:166 Resp: 2673
Ion Ratio Lower Upper
166 100
165 98.9 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

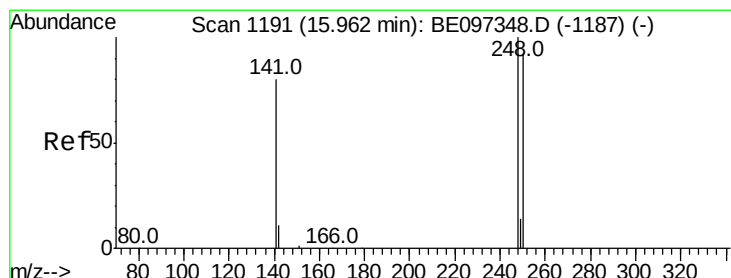
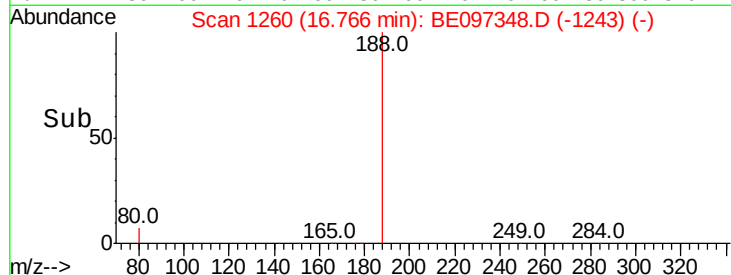
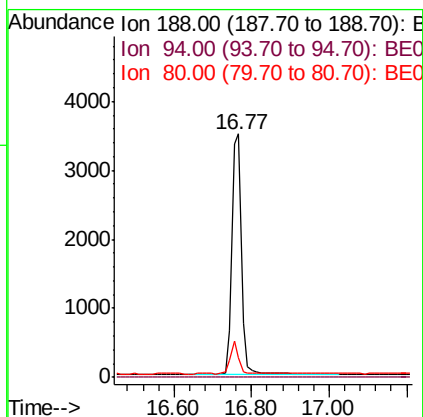
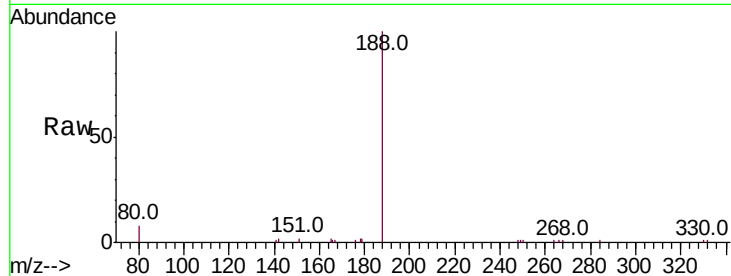




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BE097348.D
Acq: 22 Aug 2018 15:26

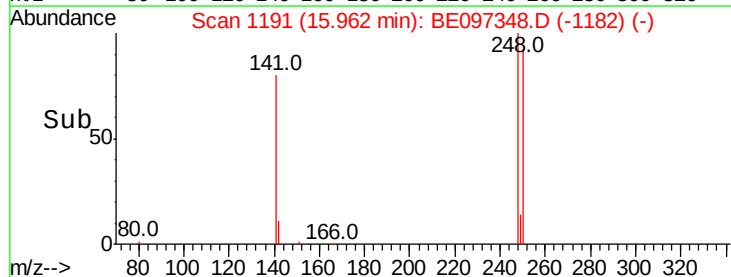
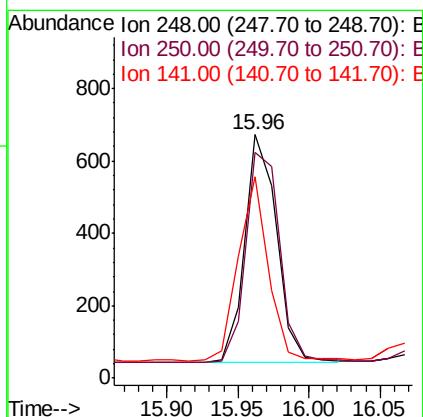
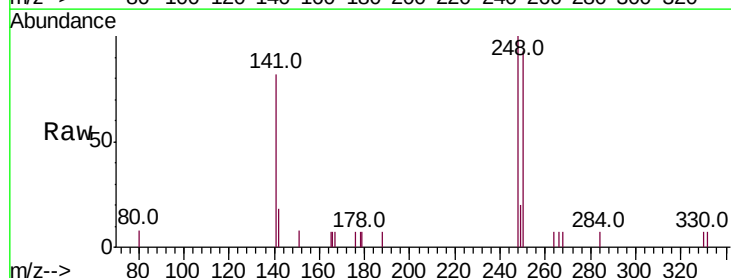
Instrument :
BNA_E
ClientSampleId :

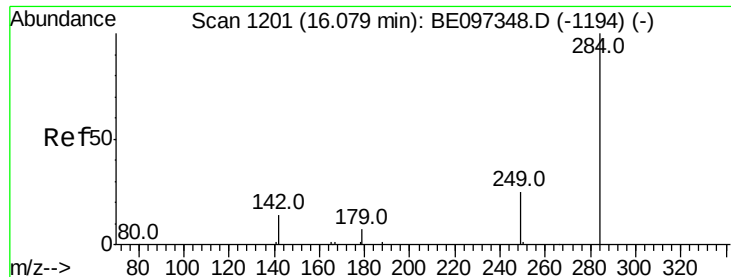
Tot Ion:188 Resp: 6000
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 8.1 3.6 5.4#



#20
4-Bromophenyl-phenylether
Concen: 0.361 ng
RT: 15.96 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BE097348.D
Acq: 22 Aug 2018 15:26

Tgt Ion:248 Resp: 978
Ion Ratio Lower Upper
248 100
250 92.9 62.7 94.1
141 82.5 48.2 72.2#





#21

Hexachlorobenzene

Concen: 0.306 ng

RT: 16.08 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BE097348.D

Acq: 22 Aug 2018 15:26

Instrument :

BNA_E

ClientSampleId :

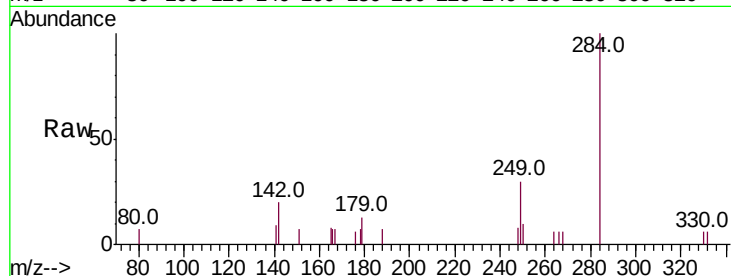
Tot Ion:284 Resp: 1112

Ion Ratio Lower Upper

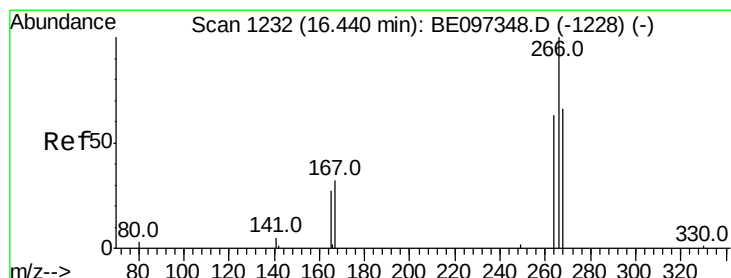
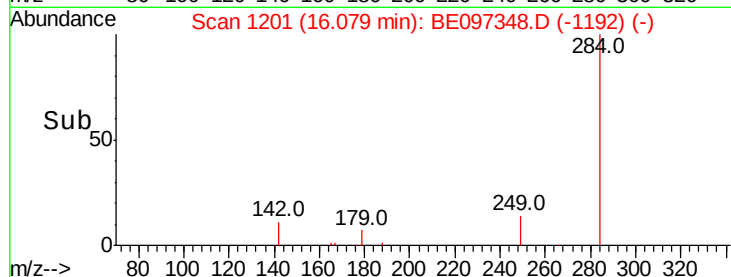
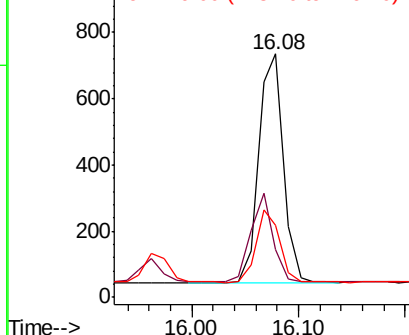
284 100

142 34.4 22.1 33.1#

249 30.4 34.8 52.2#



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



#22

Pentachlorophenol

Concen: 0.701 ng

RT: 16.44 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BE097348.D

Acq: 22 Aug 2018 15:26

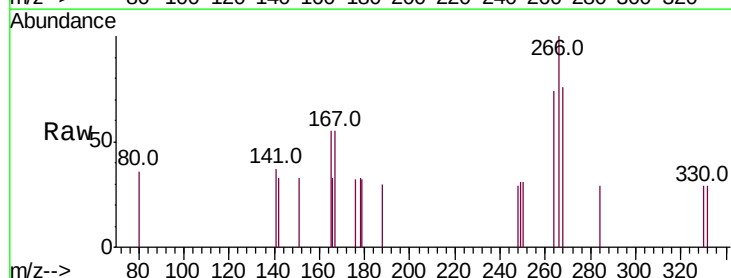
Tgt Ion:266 Resp: 250

Ion Ratio Lower Upper

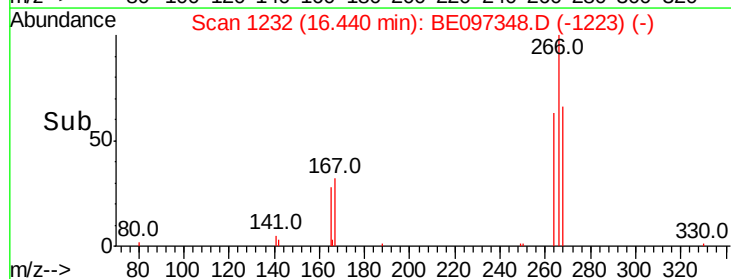
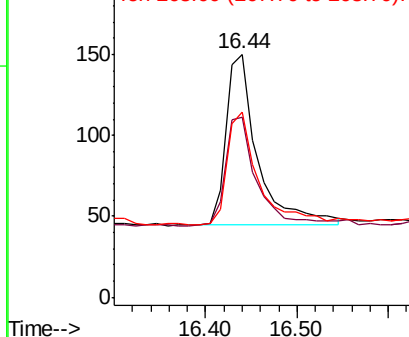
266 100

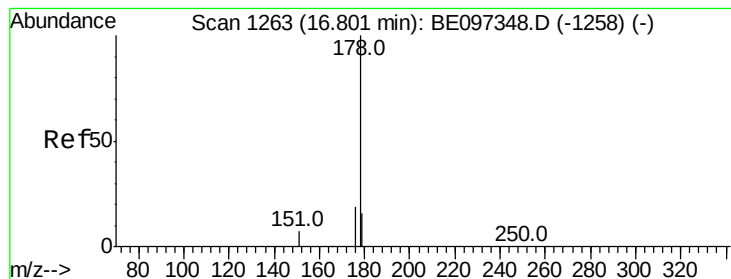
264 74.0 72.5 108.7

268 76.0 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: 0.359 ng

RT: 16.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BE097348.D

Acq: 22 Aug 2018 15:26

Instrument :

BNA_E

ClientSampleId :

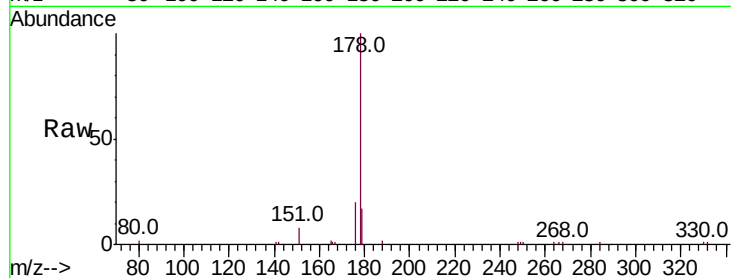
Tot Ion:178 Resp: 5256

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

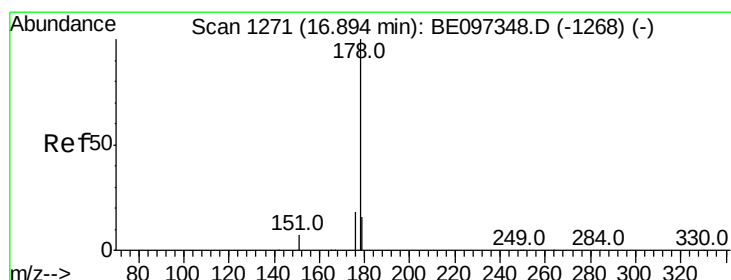
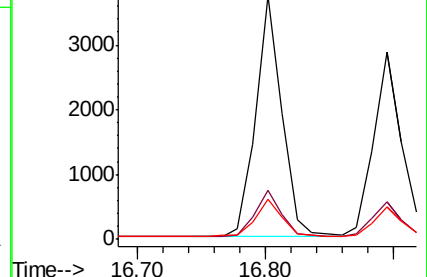
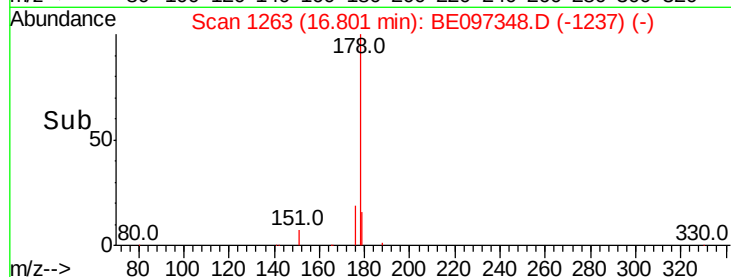
179 15.7 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.400 ng

RT: 16.89 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BE097348.D

Acq: 22 Aug 2018 15:26

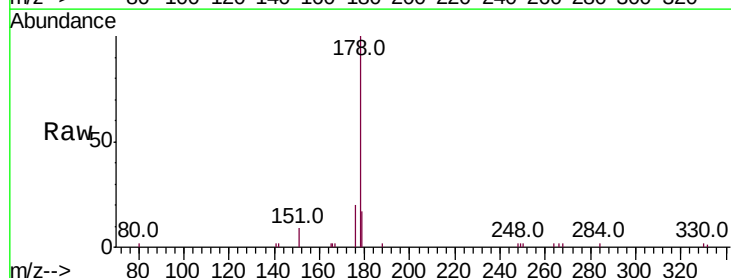
Tgt Ion:178 Resp: 4330

Ion Ratio Lower Upper

178 100

176 19.0 12.8 19.2

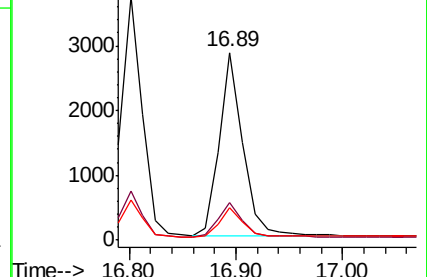
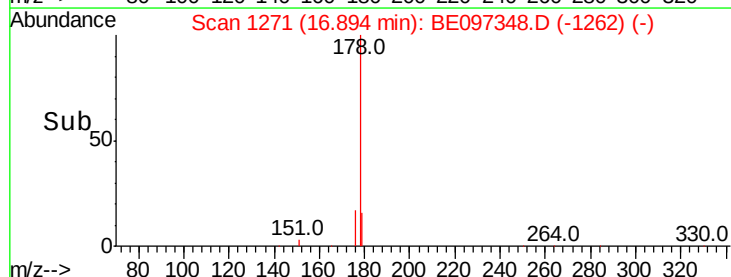
179 15.9 13.0 19.6

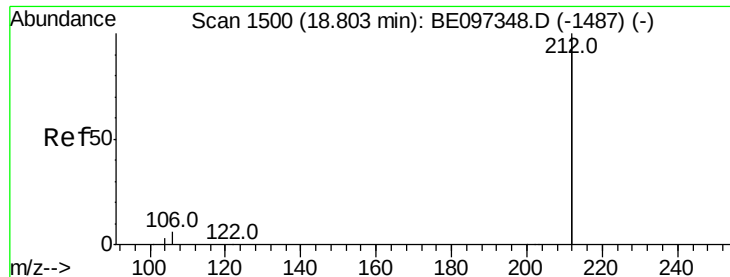


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

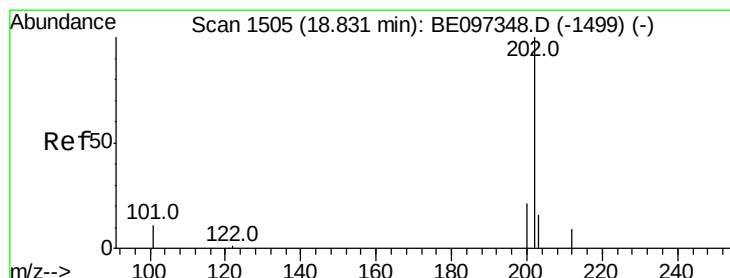
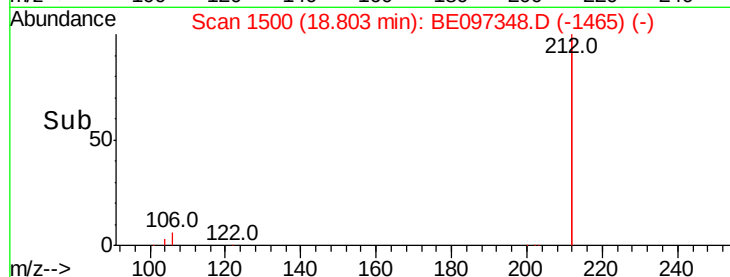
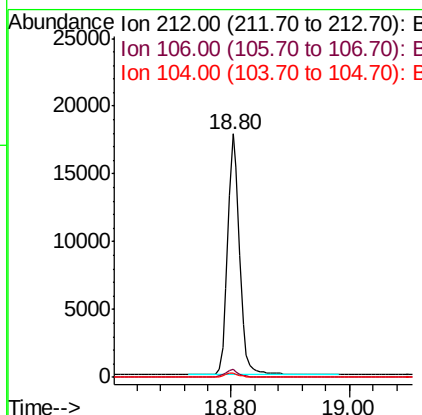
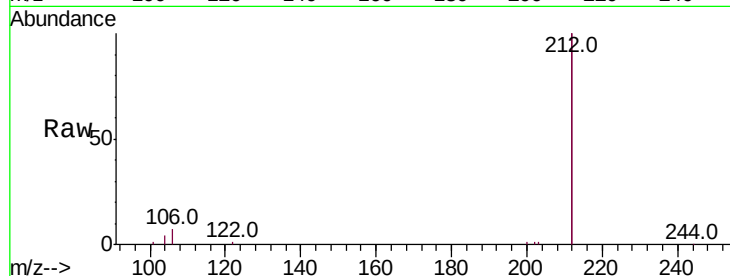




#25
Fluoranthene-d10
Concen: 0.467 ng
RT: 18.80 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BE097348.D
Acq: 22 Aug 2018 15:26

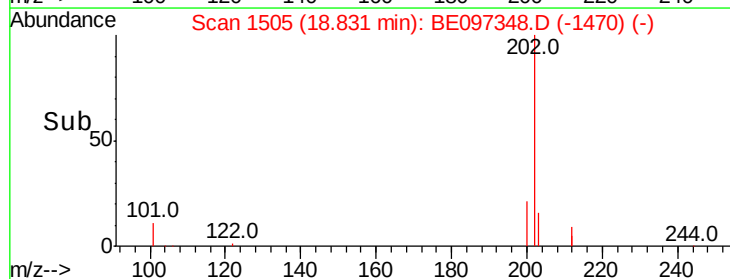
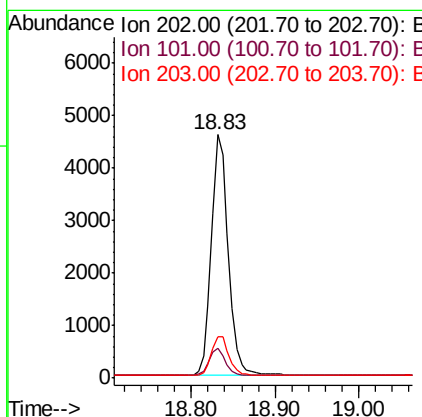
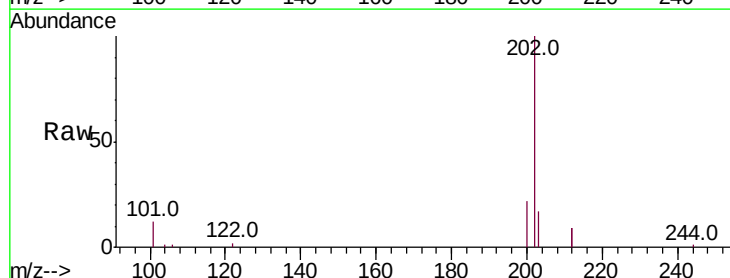
Instrument :
BNA_E
ClientSampleId :

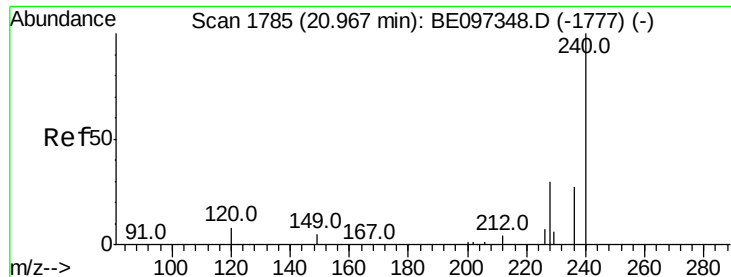
Tot Ion:212 Resp: 24987
Ion Ratio Lower Upper
212 100
106 3.1 2.8 4.2
104 1.6 1.6 2.4



#26
Fluoranthene
Concen: 0.460 ng
RT: 18.83 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BE097348.D
Acq: 22 Aug 2018 15:26

Tgt Ion:202 Resp: 6488
Ion Ratio Lower Upper
202 100
101 11.2 9.8 14.8
203 17.0 13.7 20.5

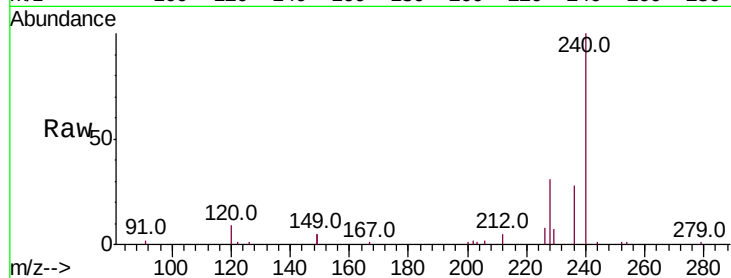




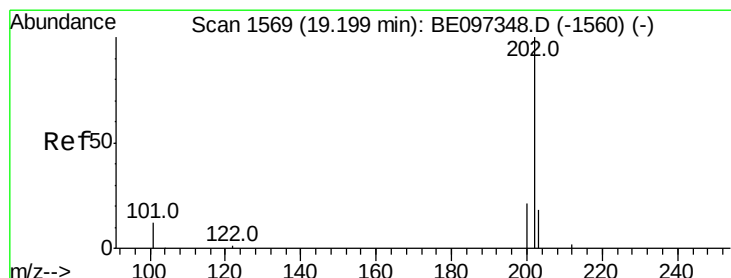
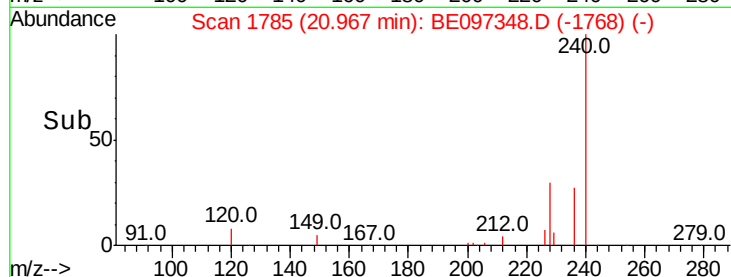
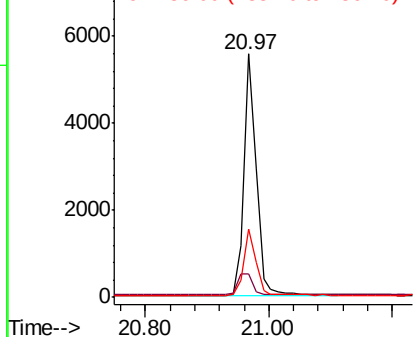
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BE097348.D
 Acq: 22 Aug 2018 15:26

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:240 Resp: 7570
 Ion Ratio Lower Upper
 240 100
 120 9.5 5.5 8.3#
 236 28.1 20.7 31.1

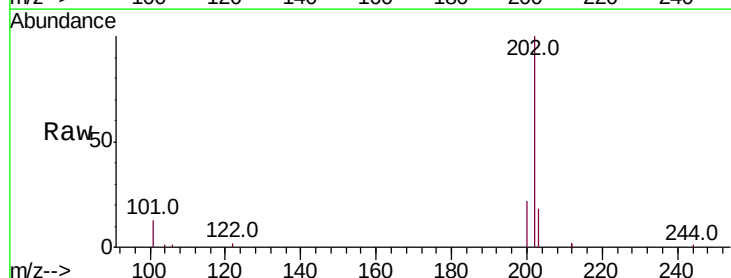


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

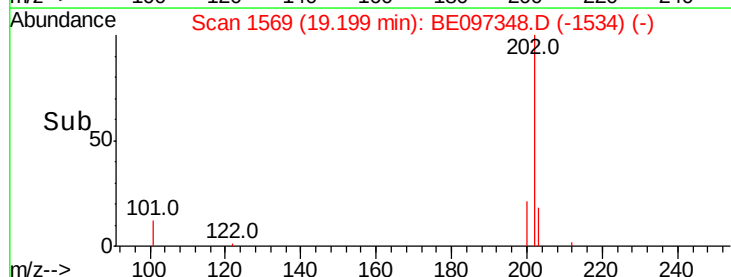
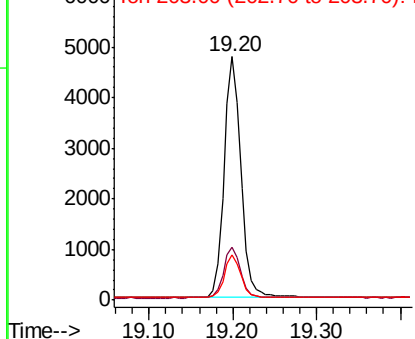


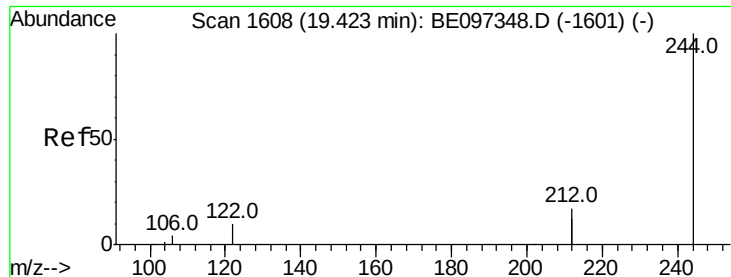
#28
 Pyrene
 Concen: 0.328 ng
 RT: 19.20 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BE097348.D
 Acq: 22 Aug 2018 15:26

Tgt Ion:202 Resp: 6674
 Ion Ratio Lower Upper
 202 100
 200 21.3 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

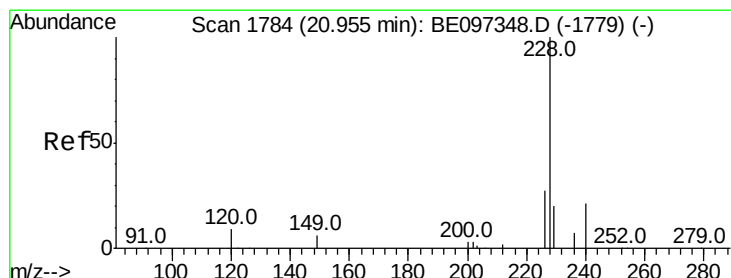
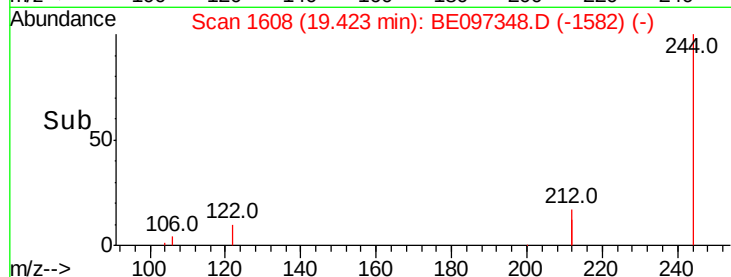
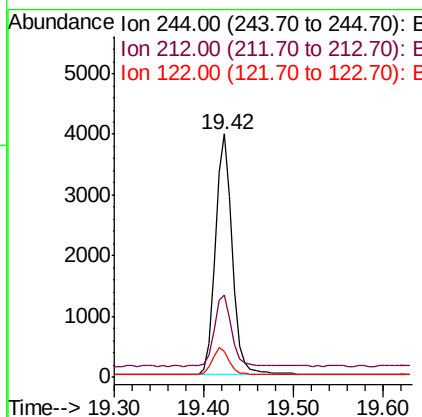
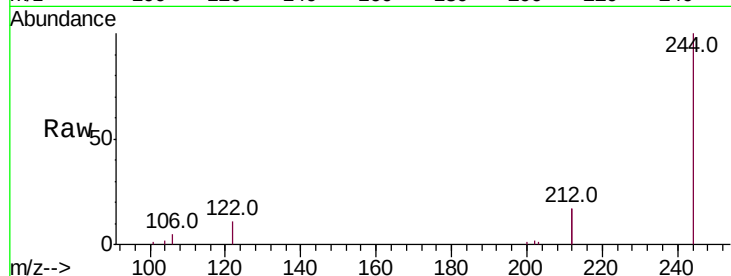




#29
 Terphenyl-d14
 Concen: 0.342 ng
 RT: 19.42 min Scan# 1608
 Delta R.T. 0.00 min
 Lab File: BE097348.D
 Acq: 22 Aug 2018 15:26

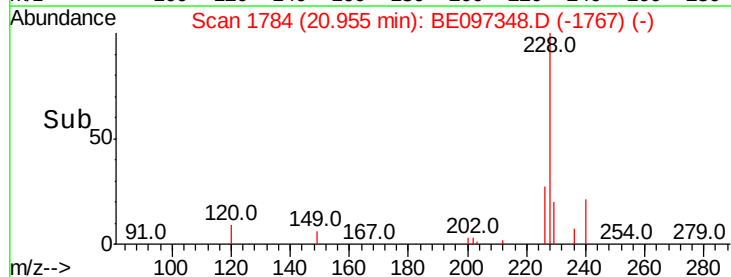
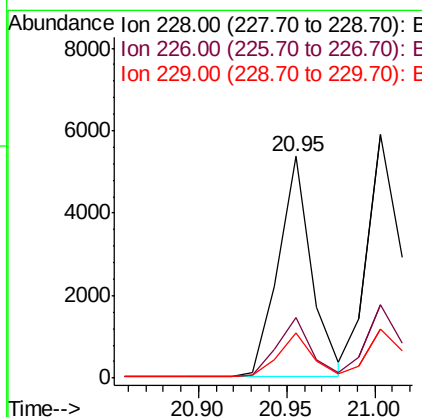
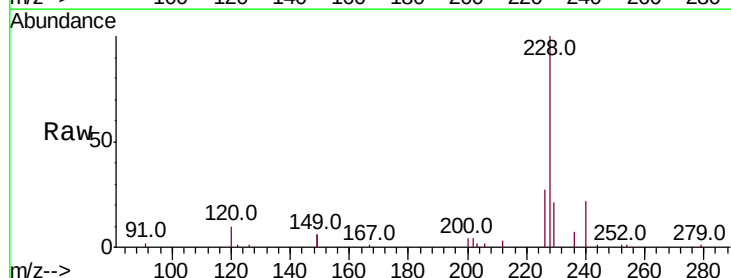
Instrument :
 BNA_E
 ClientSampled :

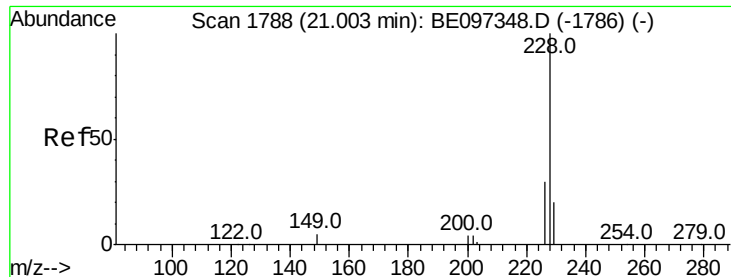
Tot Ion:244 Resp: 5188
 Ion Ratio Lower Upper
 244 100
 212 33.6 25.4 38.0
 122 10.8 8.1 12.1



#30
 Benzo(a)anthracene
 Concen: 0.428 ng
 RT: 20.95 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BE097348.D
 Acq: 22 Aug 2018 15:26

Tgt Ion:228 Resp: 6970
 Ion Ratio Lower Upper
 228 100
 226 27.4 24.0 36.0
 229 20.6 16.0 24.0





#31

Chrysene

Concen: 0.363 ng

RT: 21.00 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BE097348.D

Acq: 22 Aug 2018 15:26

Instrument :

BNA_E

ClientSampleId :

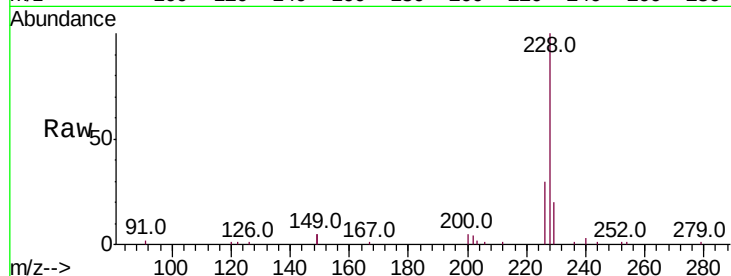
Tot Ion:228 Resp: 7733

Ion Ratio Lower Upper

228 100

226 30.3 24.0 36.0

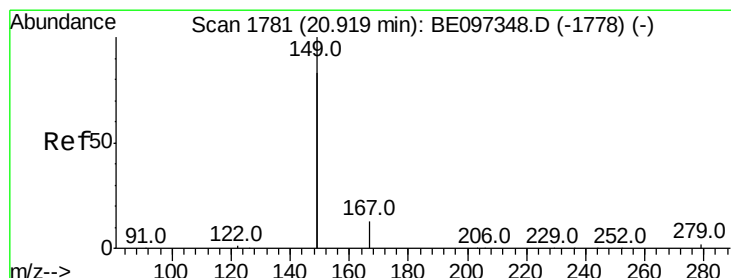
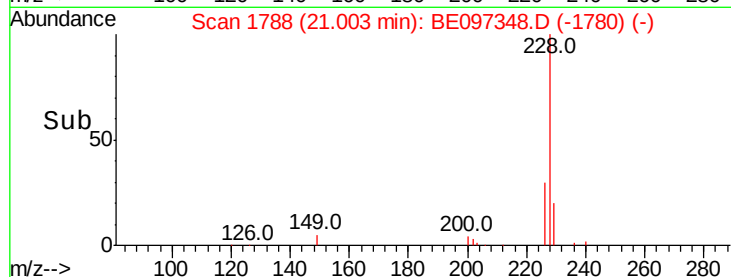
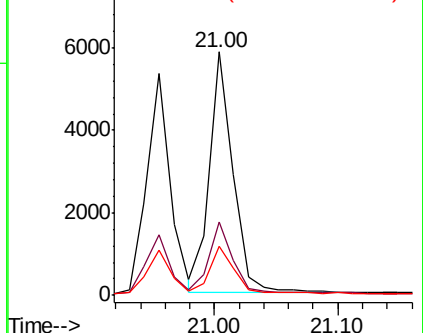
229 20.3 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

8000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.798 ng

RT: 20.92 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE097348.D

Acq: 22 Aug 2018 15:26

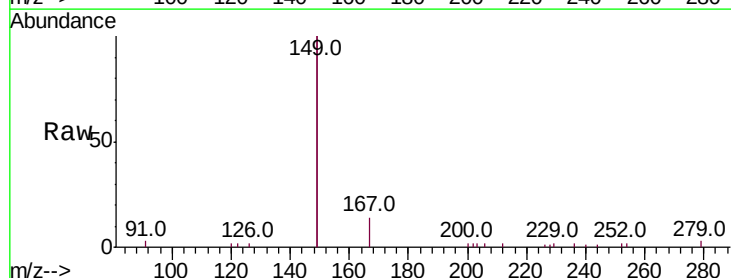
Tgt Ion:149 Resp: 7905

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

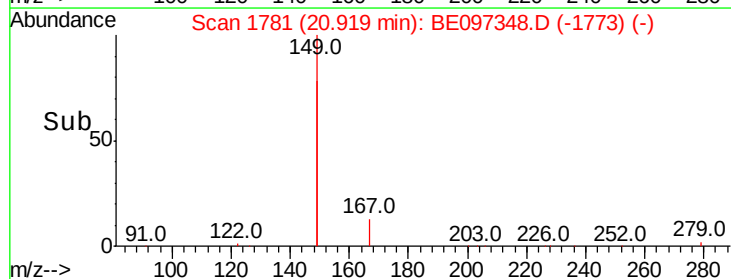
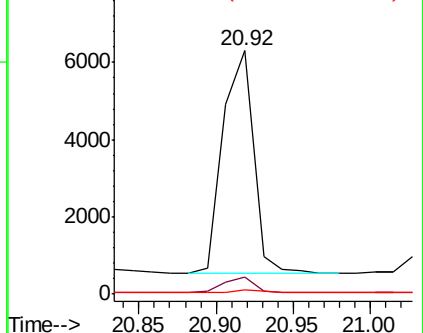
279 1.0 0.7 1.1

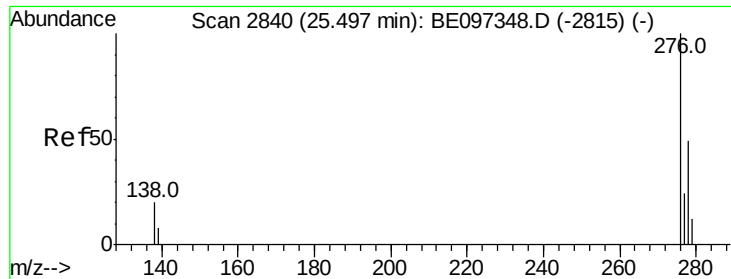


Abundance Ion 149.00 (148.70 to 149.70): E

8000 Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

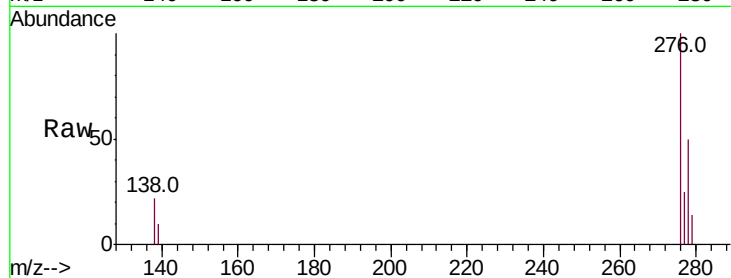




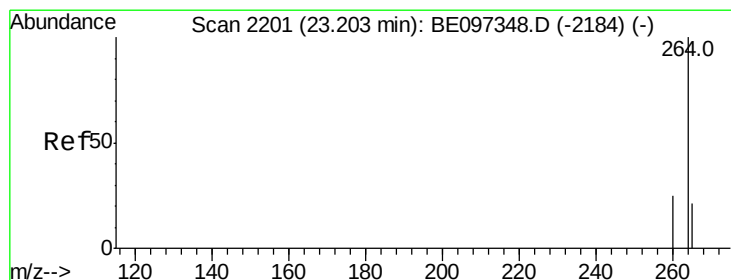
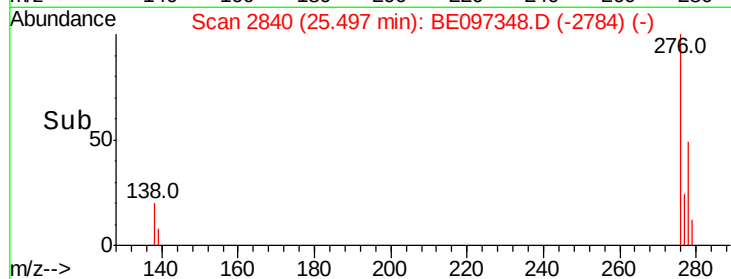
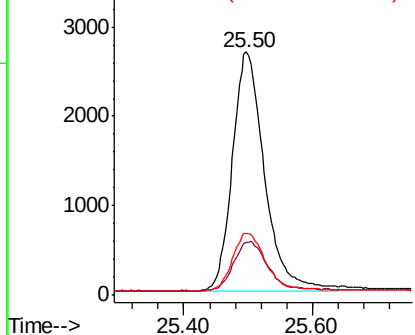
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.688 ng
 RT: 25.50 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: BE097348.D
 Acq: 22 Aug 2018 15:26

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 9331
 Ion Ratio Lower Upper
 276 100
 138 0.0 22.5 33.7#
 277 25.0 19.9 29.9

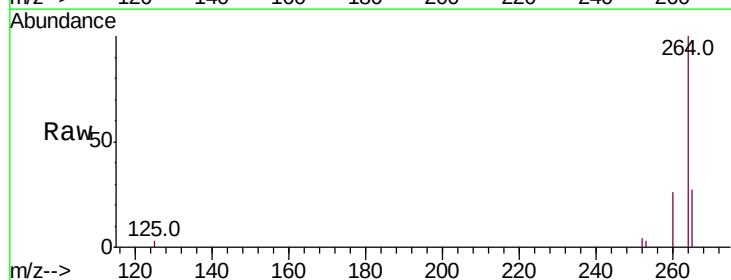


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

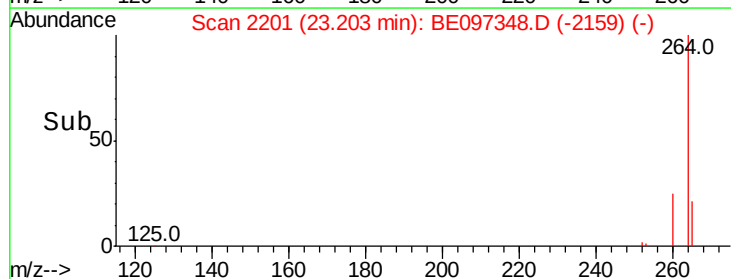
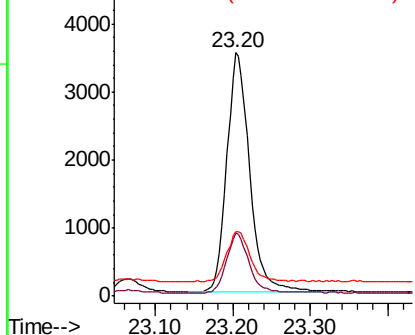


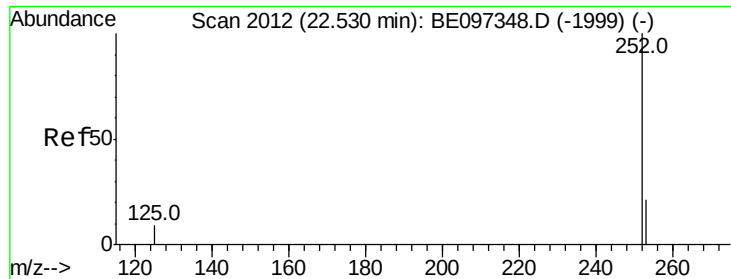
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BE097348.D
 Acq: 22 Aug 2018 15:26

Tgt Ion:264 Resp: 7234
 Ion Ratio Lower Upper
 264 100
 260 25.9 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: 0.366 ng

RT: 22.53 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BE097348.D

Acq: 22 Aug 2018 15:26

Instrument :

BNA_E

ClientSampleId :

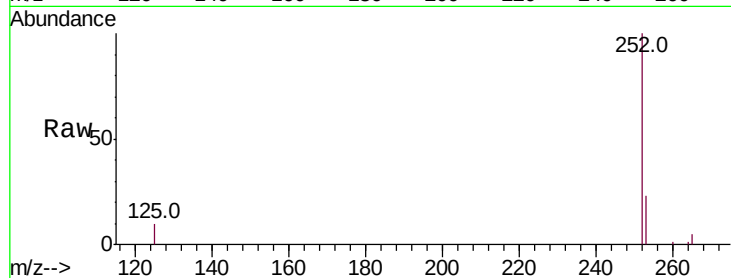
Tot Ion:252 Resp: 6983

Ion Ratio Lower Upper

252 100

253 22.8 20.0 30.0

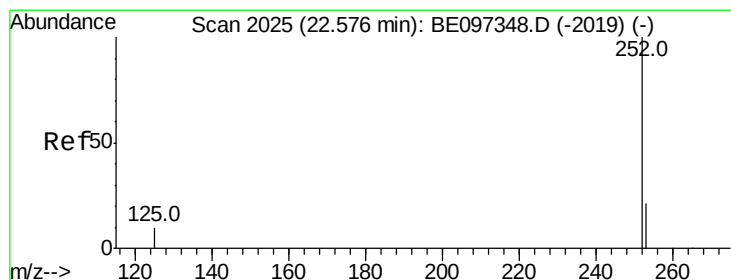
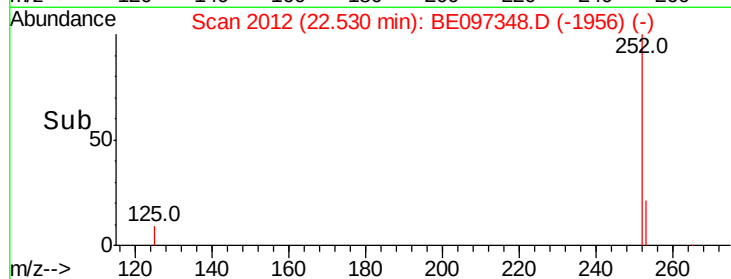
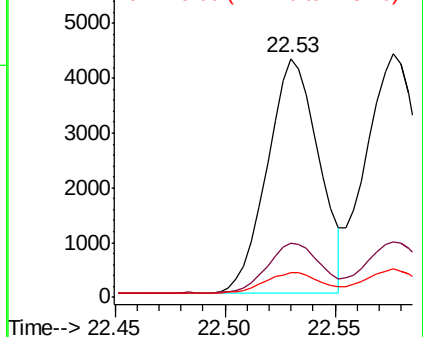
125 10.4 16.0 24.0#



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: 0.293 ng

RT: 22.58 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BE097348.D

Acq: 22 Aug 2018 15:26

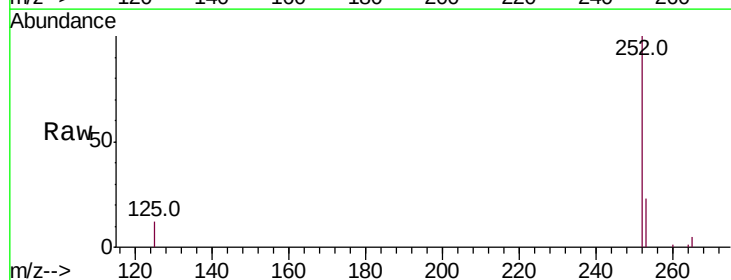
Tgt Ion:252 Resp: 7842

Ion Ratio Lower Upper

252 100

253 22.7 16.0 24.0

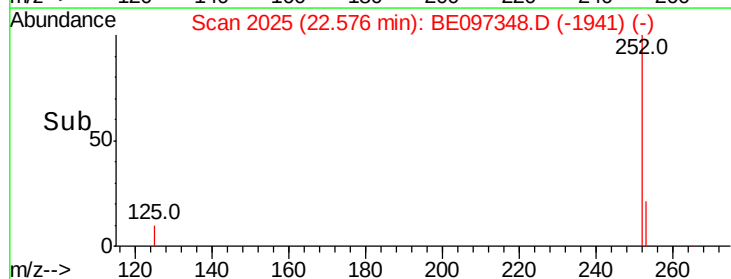
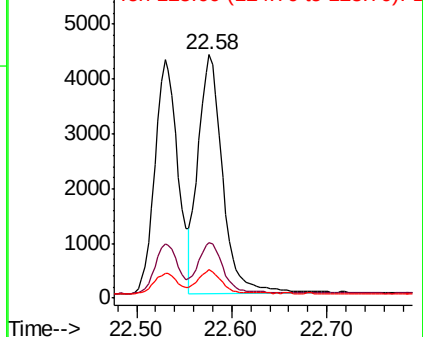
125 11.6 8.0 12.0

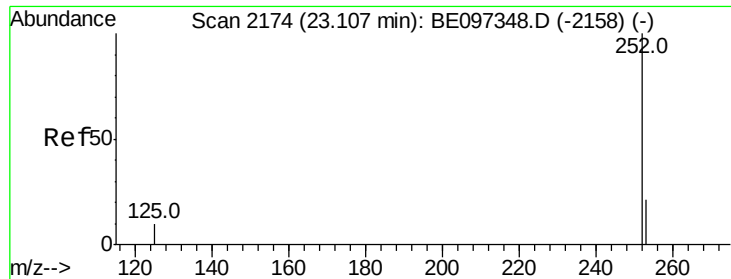


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.373 ng

RT: 23.11 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BE097348.D

Acq: 22 Aug 2018 15:26

Instrument :

BNA_E

ClientSampleId :

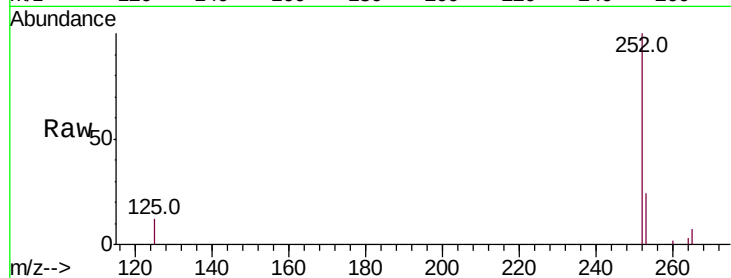
Tot Ion:252 Resp: 6481

Ion Ratio Lower Upper

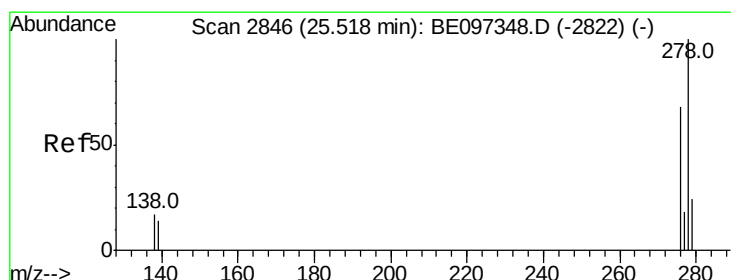
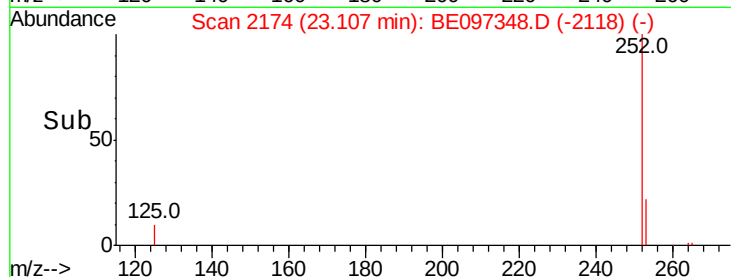
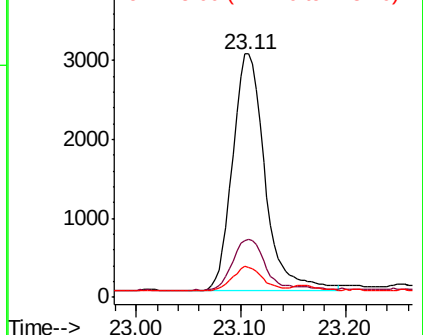
252 100

253 23.9 16.0 24.0

125 12.5 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: 0.534 ng

RT: 25.52 min Scan# 2846

Delta R.T. 0.00 min

Lab File: BE097348.D

Acq: 22 Aug 2018 15:26

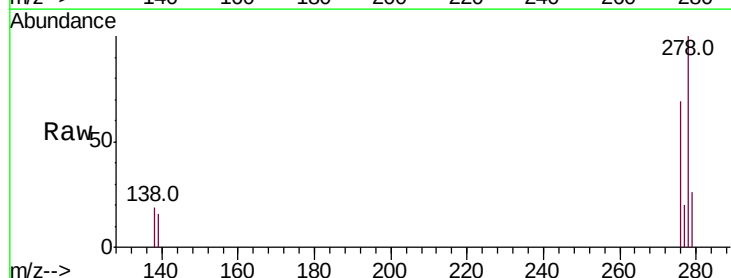
Tgt Ion:278 Resp: 7922

Ion Ratio Lower Upper

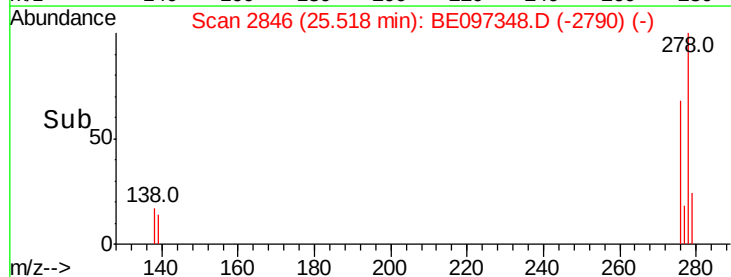
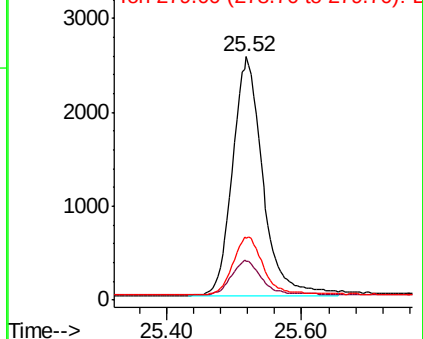
278 100

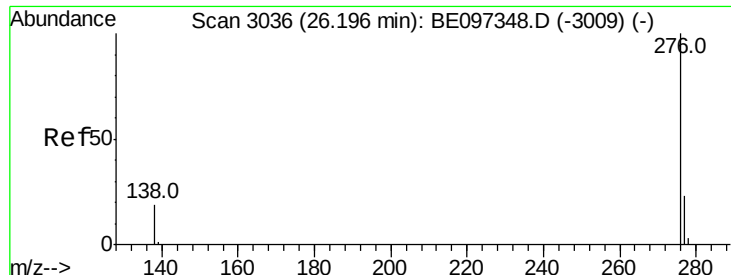
139 16.1 16.0 24.0

279 25.6 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: 0.545 ng

RT: 26.20 min Scan# 3036

Delta R.T. 0.00 min

Lab File: BE097348.D

Acq: 22 Aug 2018 15:26

Instrument :

BNA_E

ClientSampleId :

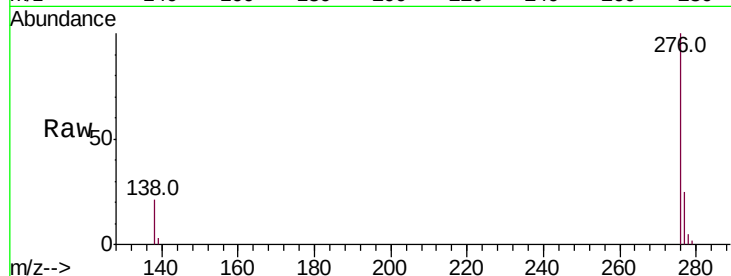
Tot Ion:276 Resp: 8150

Ion Ratio Lower Upper

276 100

277 24.6 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

