

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082818\
 Data File : BE097379.D
 Acq On : 28 Aug 2018 17:30
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 28 18:59:13 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 18:07:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	757	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3486	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	1882	0.40	ng	-0.01
19) Phenanthrene-d10	16.75	188	5464	0.40	ng	-0.01
27) Chrysene-d12	20.97	240	6614	0.40	ng	0.00
34) Perylene-d12	23.21	264	6080	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	820	0.37	ng	-0.01
5) Phenol-d6	6.58	99	1023	0.34	ng	-0.01
8) Nitrobenzene-d5	8.52	82	997	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	1984	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	233	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	2957	0.43	ng	0.00
25) Fluoranthene-d10	18.80	212	25401	0.41	ng	0.00
29) Terphenyl-d14	19.42	244	5161	0.42	ng	0.00

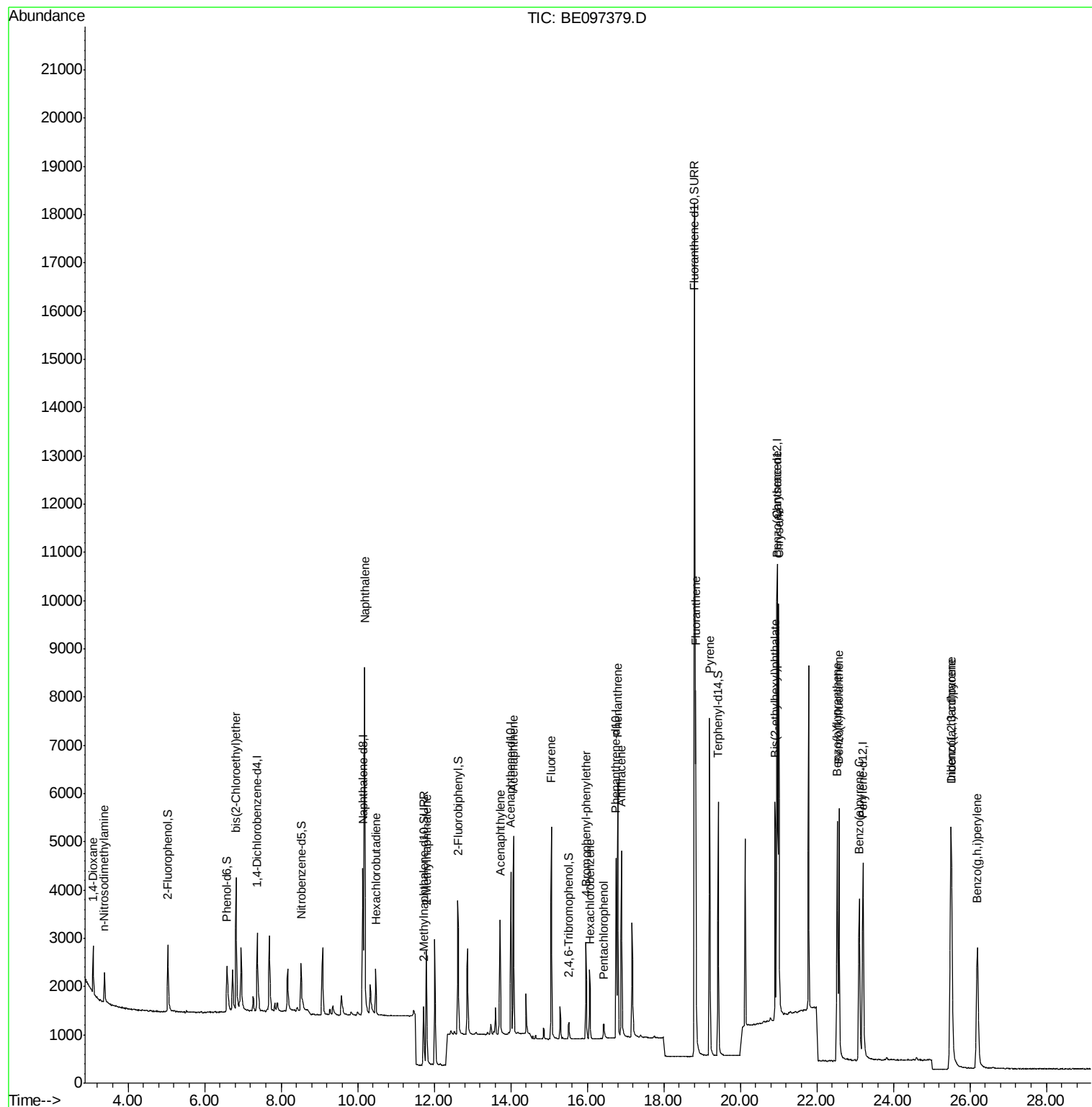
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.08	88	612	0.455	ng	# 83
3) n-Nitrosodimethylamine	3.37	42	482	0.383	ng	99
6) bis(2-Chloroethyl)ether	6.83	93	1034	0.375	ng	98
9) Naphthalene	10.19	128	13433	0.423	ng	99
10) Hexachlorobutadiene	10.47	225	596	0.420	ng	97
12) 2-Methylnaphthalene	11.80	142	2021	0.404	ng	99
16) Acenaphthylene	13.73	152	3045	0.407	ng	99
17) Acenaphthene	14.07	154	2116	0.424	ng	95
18) Fluorene	15.06	166	2655	0.420	ng	# 80
20) 4-Bromophenyl-phenylether	15.96	248	1018	0.410	ng	# 82
21) Hexachlorobenzene	16.08	284	1180	0.430	ng	# 83
22) Pentachlorophenol	16.44	266	241	0.428	ng	# 78
23) Phenanthrene	16.80	178	5458	0.420	ng	98
24) Anthracene	16.89	178	4389	0.397	ng	96
26) Fluoranthene	18.83	202	6688	0.410	ng	98
28) Pyrene	19.20	202	6791	0.431	ng	99
30) Benzo(a)anthracene	20.95	228	6170	0.369	ng	97
31) Chrysene	21.00	228	7611	0.423	ng	98
32) Bis(2-ethylhexyl)phthalate	20.91	149	6285	0.349	ng	100
33) Indeno(1,2,3-cd)pyrene	25.50	276	7381	0.310	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	6253	0.385	ng	# 89
36) Benzo(k)fluoranthene	22.58	252	7396	0.409	ng	95
37) Benzo(a)pyrene	23.11	252	5937	0.379	ng	92
38) Dibenzo(a,h)anthracene	25.52	278	6260	0.333	ng	# 95
39) Benzo(g,h,i)perylene	26.20	276	6449	0.331	ng	# 90

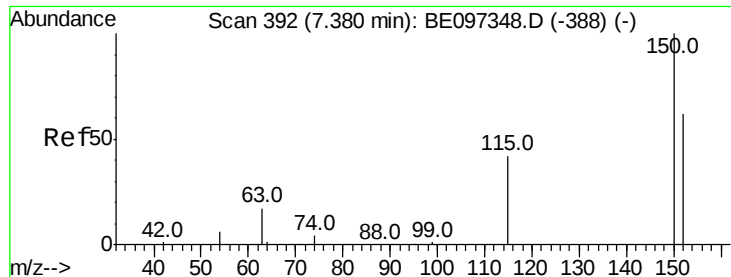
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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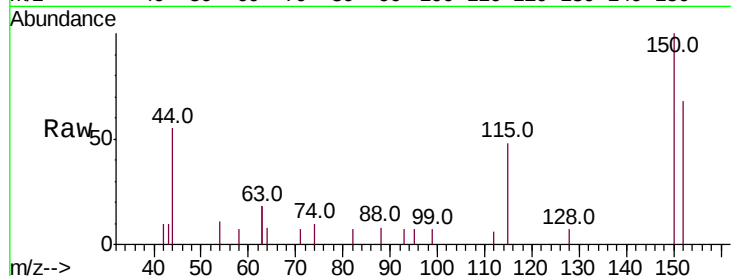


#1

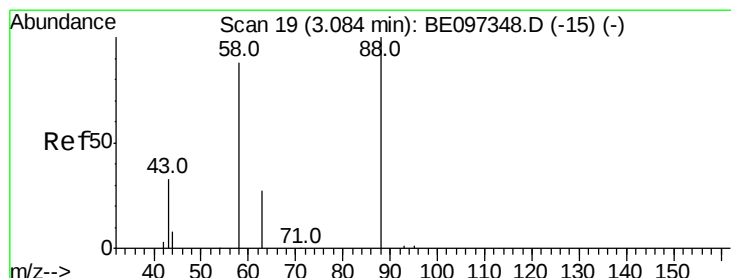
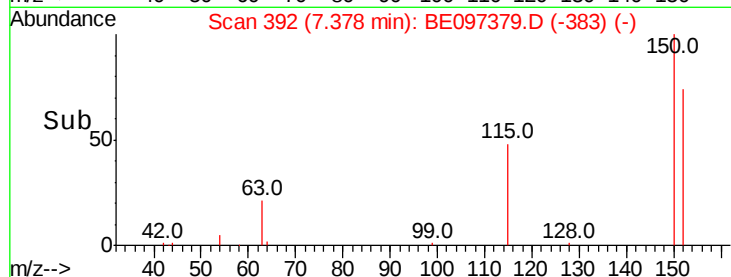
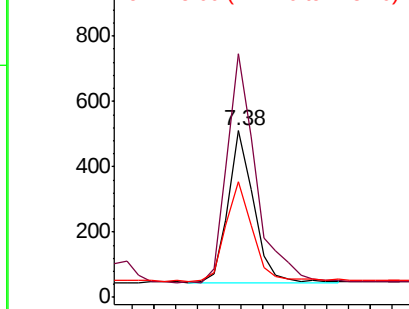
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Instrument :
BNA_E
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.0	117.2	175.8
115	69.7	57.0	85.6



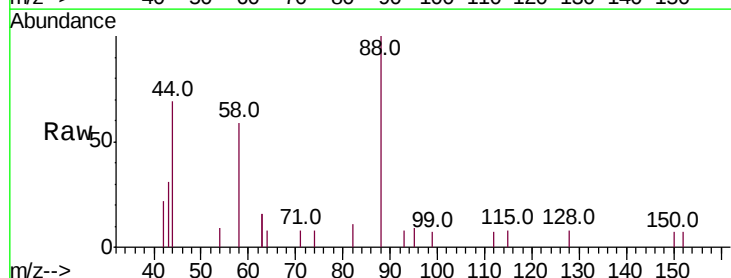
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



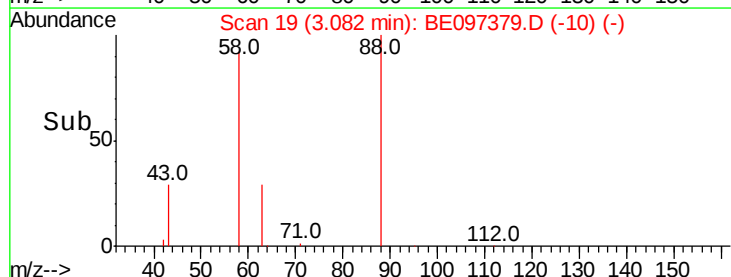
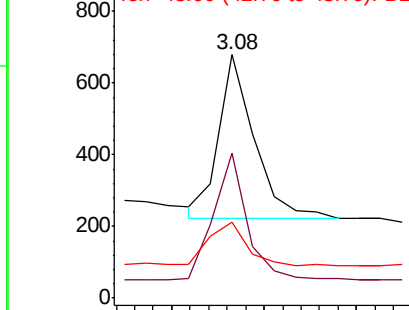
#2

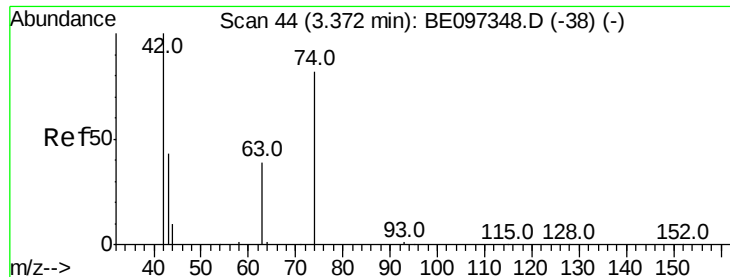
1,4-Dioxane
Concen: 0.455 ng
RT: 3.08 min Scan# 19
Delta R.T. -0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.9	63.2	94.8
43	28.1	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



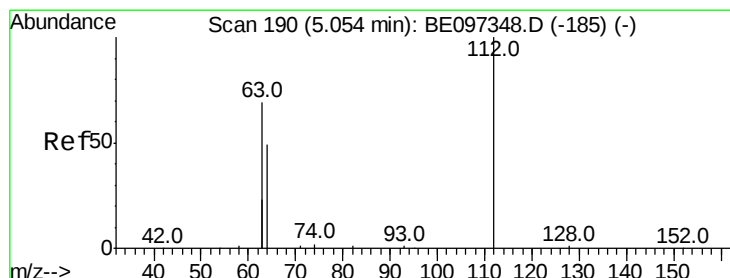
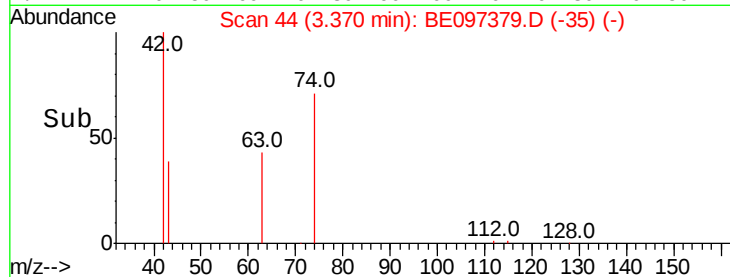
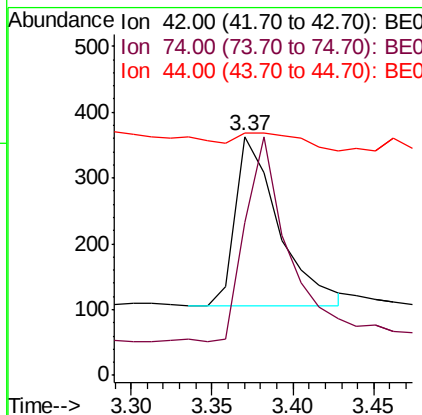
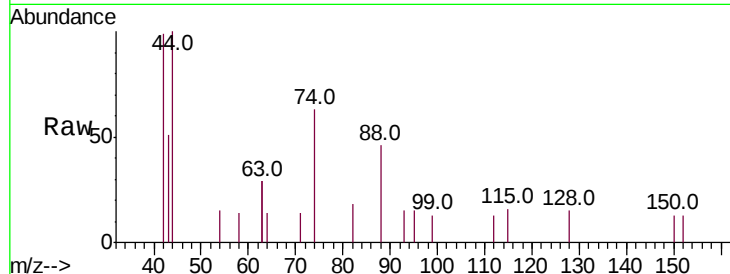


#3

n-Nitrosodimethylamine
 Concen: 0.383 ng
 RT: 3.37 min Scan# 44
 Delta R.T. -0.00 min
 Lab File: BE097379.D
 Acq: 28 Aug 2018 17:30

Instrument :
 BNA_E
 ClientSampleId :

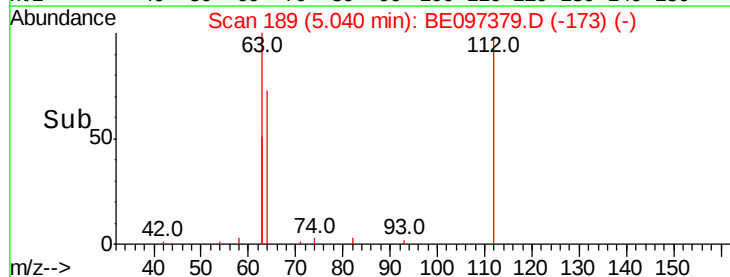
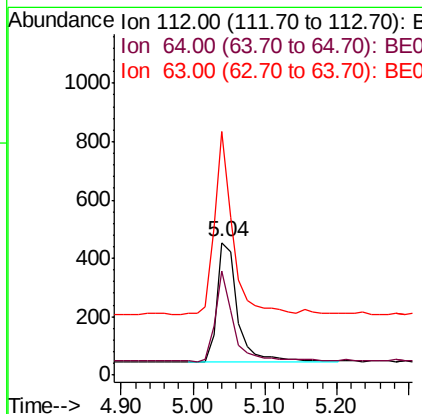
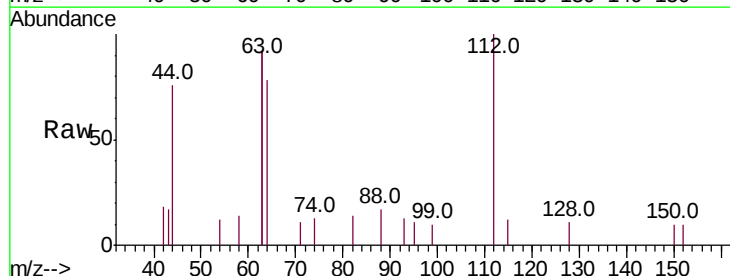
Tot Ion: 42 Resp: 482
 Ion Ratio Lower Upper
 42 100
 74 121.0 96.0 144.0
 44 13.9 12.0 18.0

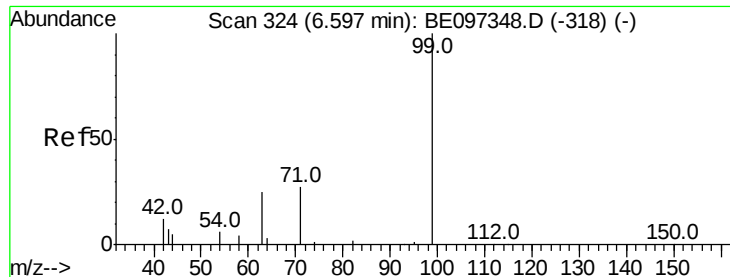


#4

2-Fluorophenol
 Concen: 0.366 ng
 RT: 5.04 min Scan# 189
 Delta R.T. -0.01 min
 Lab File: BE097379.D
 Acq: 28 Aug 2018 17:30

Tgt Ion: 112 Resp: 820
 Ion Ratio Lower Upper
 112 100
 64 62.6 60.1 90.1
 63 131.6 116.8 175.2





#5

Phenol-d6

Concen: 0.342 ng

RT: 6.58 min Scan# 323

Delta R.T. -0.01 min

Lab File: BE097379.D

Acq: 28 Aug 2018 17:30

Instrument :

BNA_E

ClientSampleId :

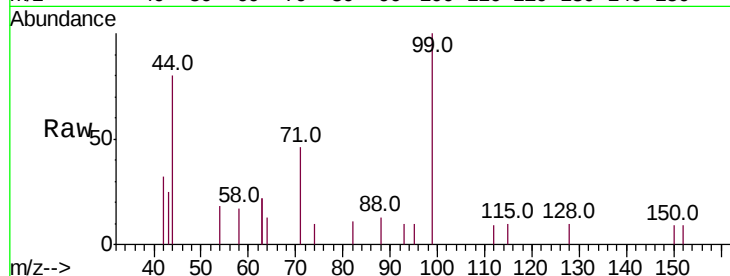
Tot Ion: 99 Resp: 1023

Ion Ratio Lower Upper

99 100

42 21.8 20.2 30.2

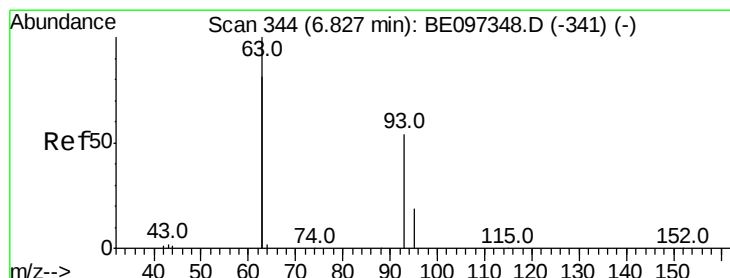
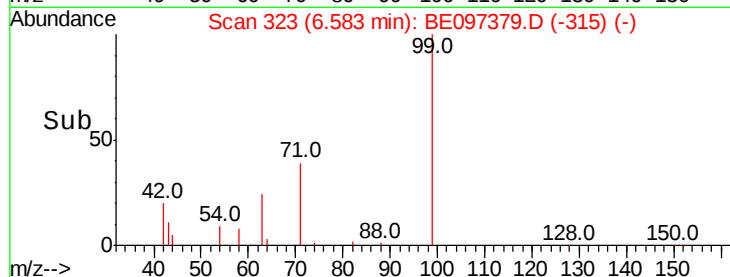
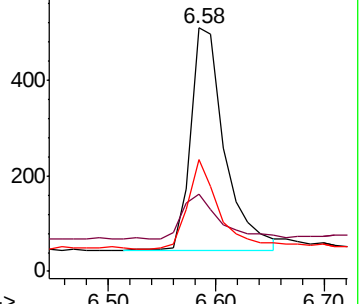
71 36.4 28.4 42.6



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: 0.375 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.00 min

Lab File: BE097379.D

Acq: 28 Aug 2018 17:30

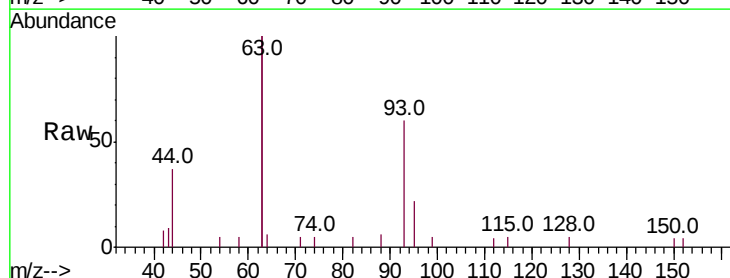
Tgt Ion: 93 Resp: 1034

Ion Ratio Lower Upper

93 100

63 340.3 275.3 412.9

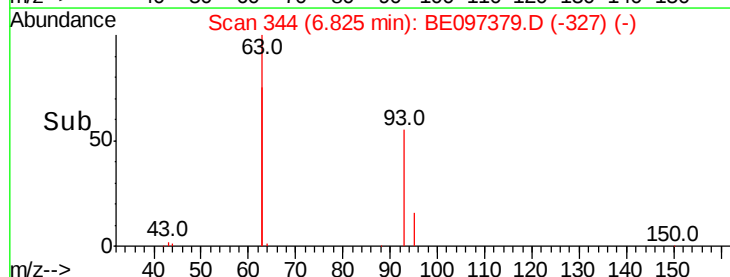
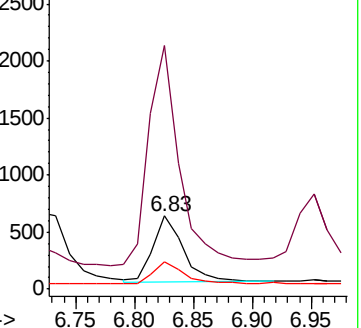
95 32.8 25.2 37.8

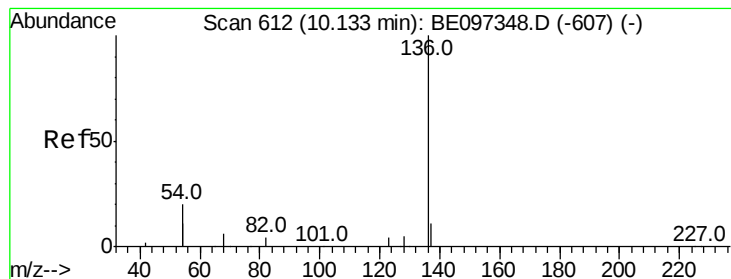


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097379.D

Acq: 28 Aug 2018 17:30

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3486

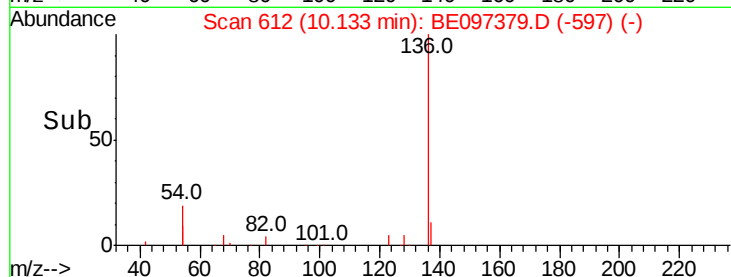
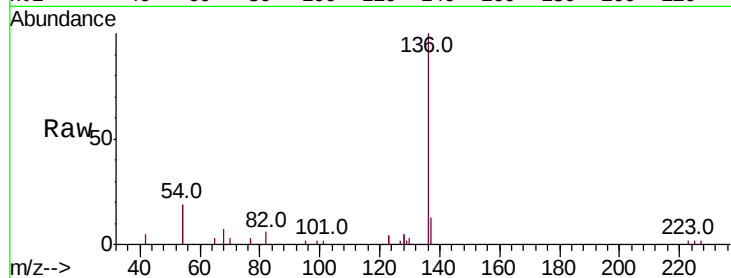
Ion Ratio Lower Upper

136 100

137 13.1 9.5 14.3

54 37.3 29.1 43.7

68 7.4 6.2 9.2

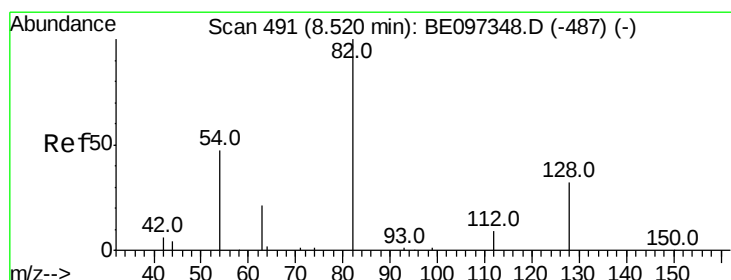
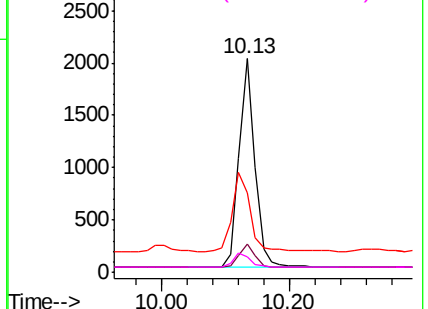


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.399 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097379.D

Acq: 28 Aug 2018 17:30

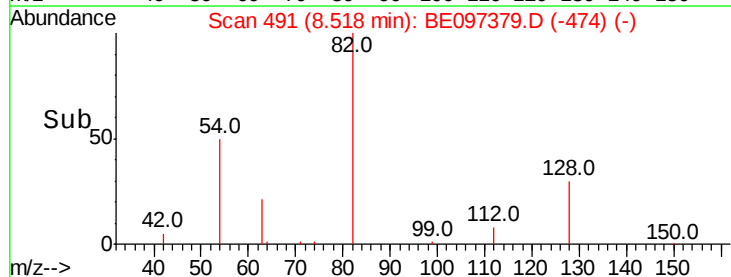
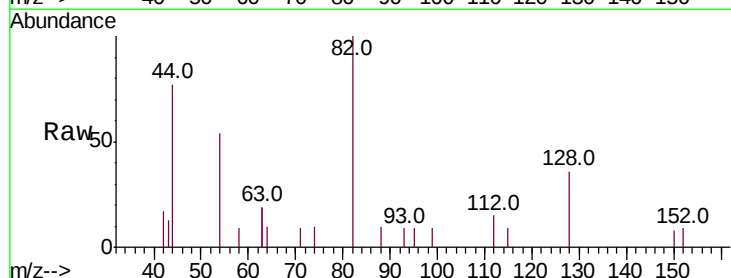
Tgt Ion: 82 Resp: 997

Ion Ratio Lower Upper

82 100

128 36.0 24.0 36.0#

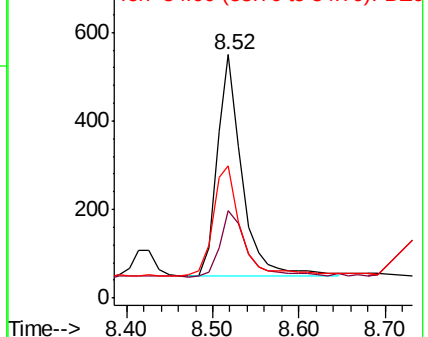
54 54.4 40.0 60.0

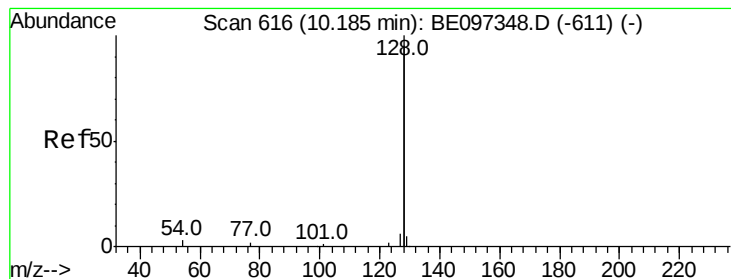


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.423 ng

RT: 10.19 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE097379.D

Acq: 28 Aug 2018 17:30

Instrument :

BNA_E

ClientSampleId :

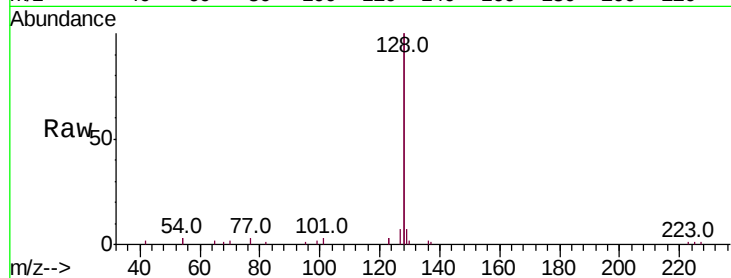
Tot Ion:128 Resp: 13433

Ion Ratio Lower Upper

128 100

129 3.5 2.6 3.8

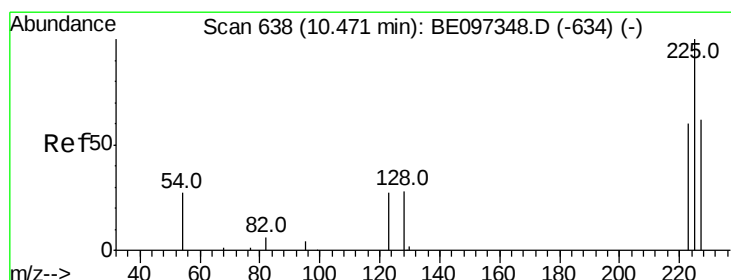
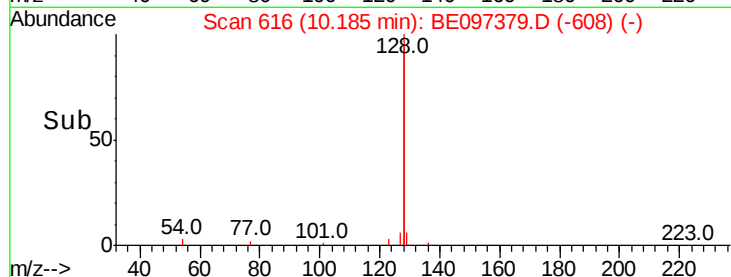
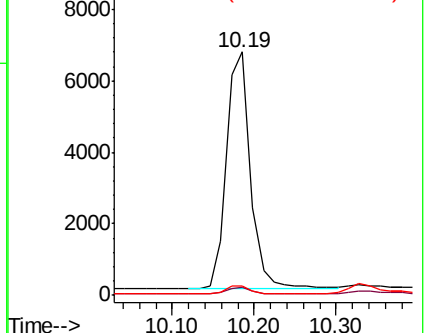
127 3.7 2.8 4.2



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: 0.420 ng

RT: 10.47 min Scan# 638

Delta R.T. 0.00 min

Lab File: BE097379.D

Acq: 28 Aug 2018 17:30

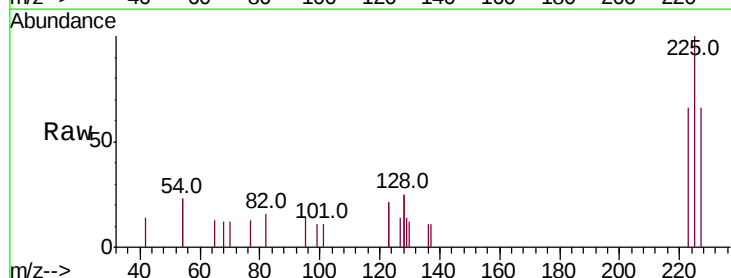
Tgt Ion:225 Resp: 596

Ion Ratio Lower Upper

225 100

223 62.2 53.0 79.6

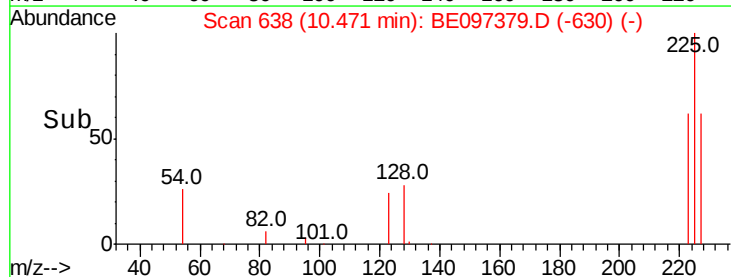
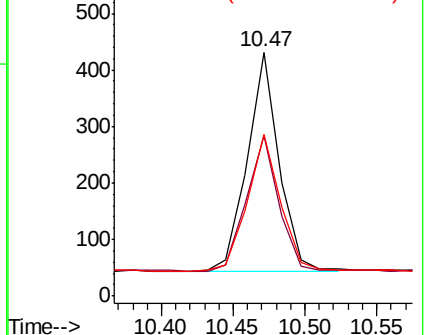
227 64.1 51.4 77.2

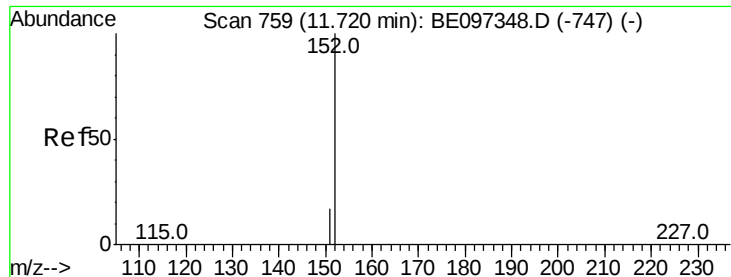


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.408 ng

RT: 11.72 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE097379.D

Acq: 28 Aug 2018 17:30

Instrument :

BNA_E

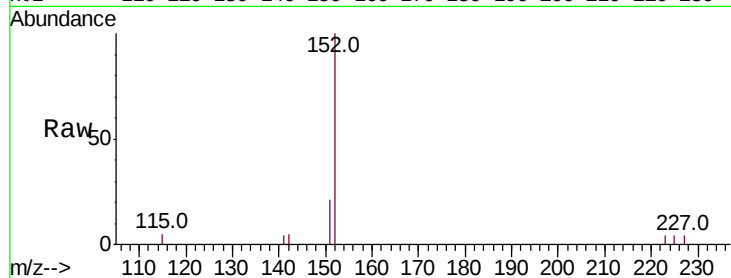
ClientSampleId :

Tot Ion:152 Resp: 1984

Ion Ratio Lower Upper

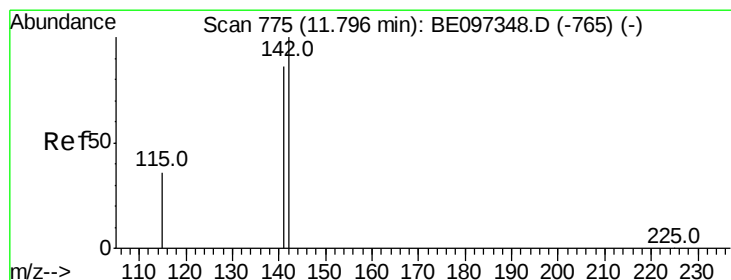
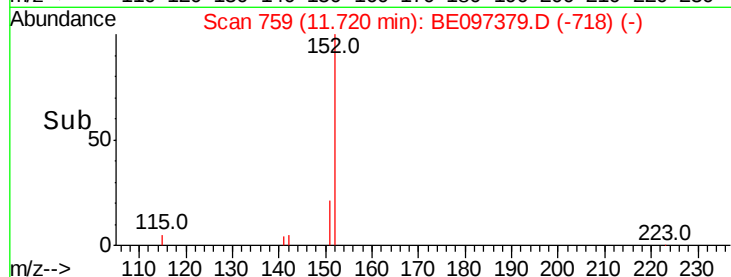
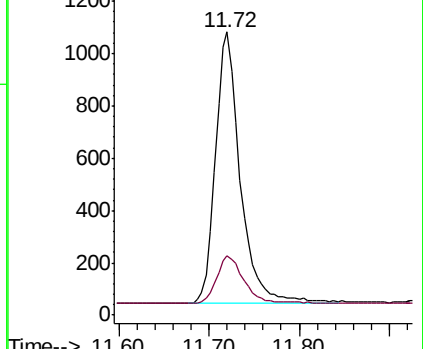
152 100

151 18.4 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: 0.404 ng

RT: 11.80 min Scan# 775

Delta R.T. 0.00 min

Lab File: BE097379.D

Acq: 28 Aug 2018 17:30

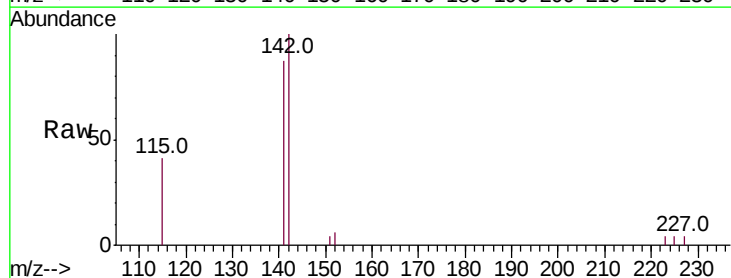
Tgt Ion:142 Resp: 2021

Ion Ratio Lower Upper

142 100

141 87.1 70.4 105.6

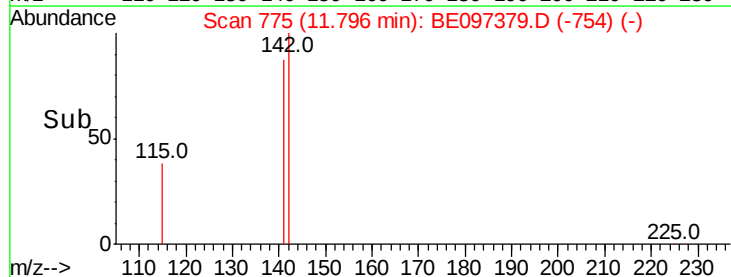
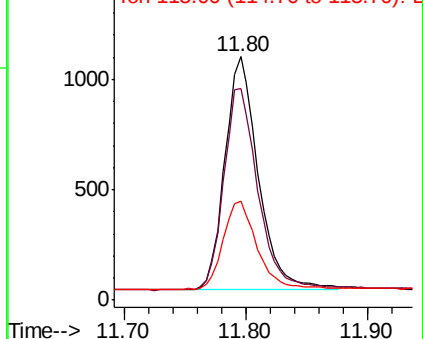
115 40.5 31.7 47.5

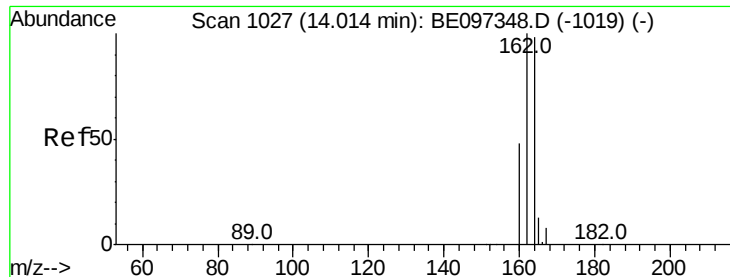


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE097379.D

Acq: 28 Aug 2018 17:30

Instrument :

BNA_E

ClientSampleId :

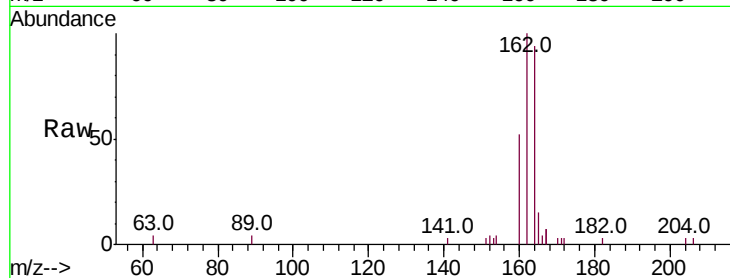
Tot Ion:164 Resp: 1882

Ion Ratio Lower Upper

164 100

162 106.2 83.1 124.7

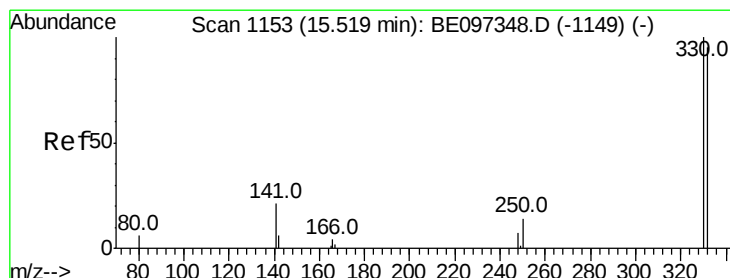
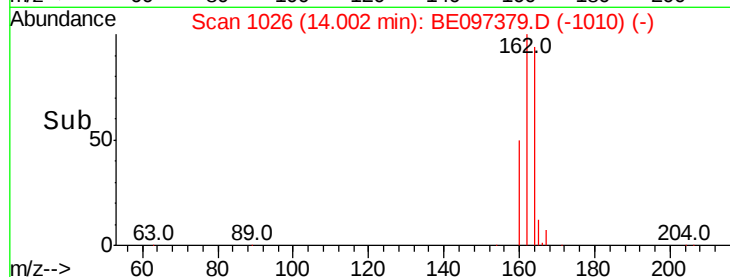
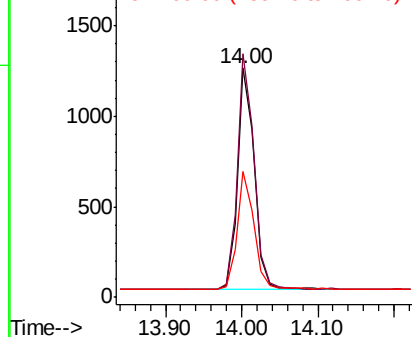
160 54.9 37.1 55.7



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: 0.366 ng

RT: 15.52 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE097379.D

Acq: 28 Aug 2018 17:30

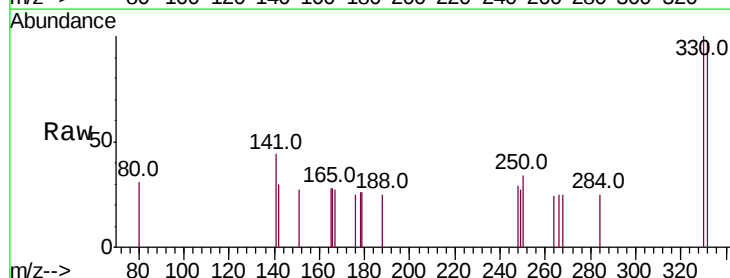
Tgt Ion:330 Resp: 233

Ion Ratio Lower Upper

330 100

332 94.4 152.7 229.1#

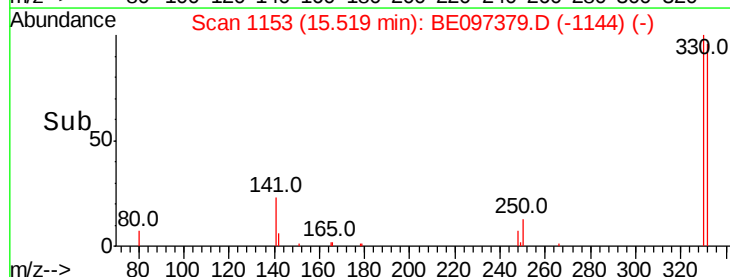
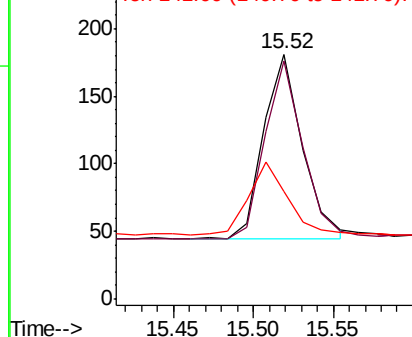
141 40.3 33.7 50.5

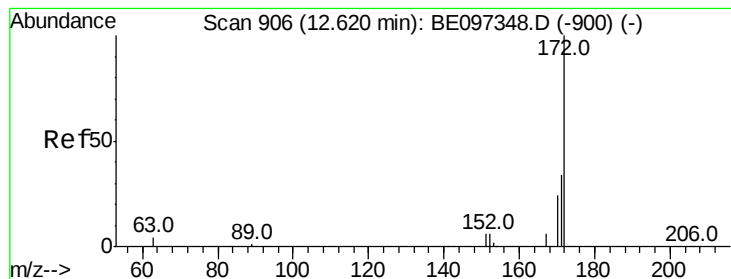


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.428 ng

RT: 12.62 min Scan# 906

Delta R.T. 0.00 min

Lab File: BE097379.D

Acq: 28 Aug 2018 17:30

Instrument :

BNA_E

ClientSampleId :

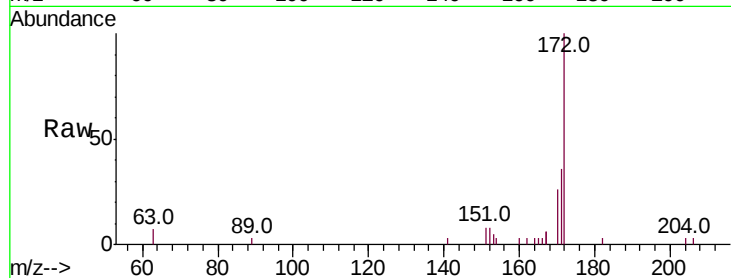
Tot Ion:172 Resp: 2957

Ion Ratio Lower Upper

172 100

171 36.3 29.9 44.9

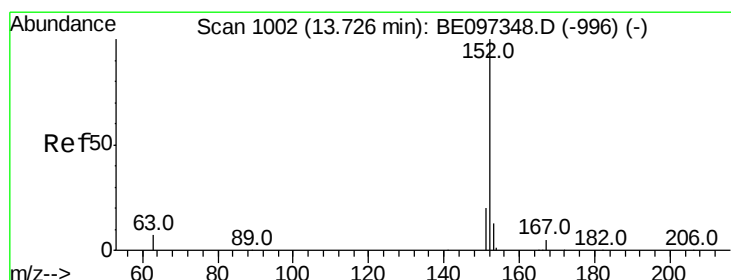
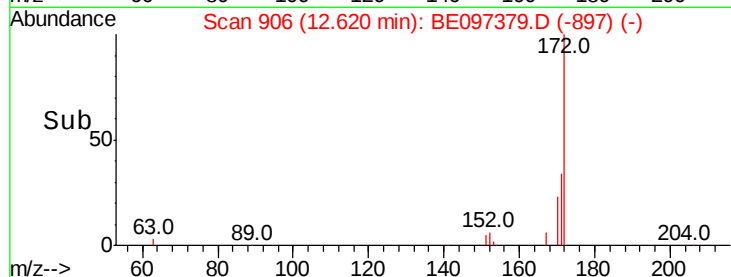
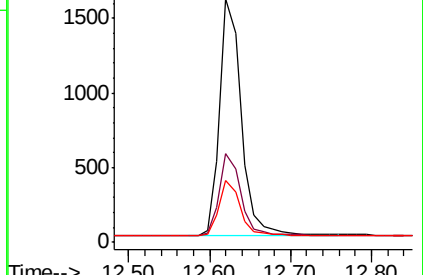
170 25.6 21.8 32.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.407 ng

RT: 13.73 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE097379.D

Acq: 28 Aug 2018 17:30

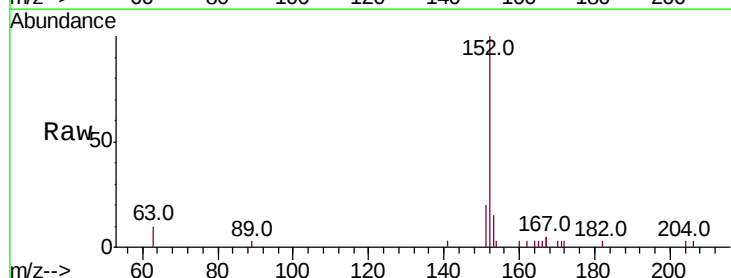
Tgt Ion:152 Resp: 3045

Ion Ratio Lower Upper

152 100

151 19.0 15.7 23.5

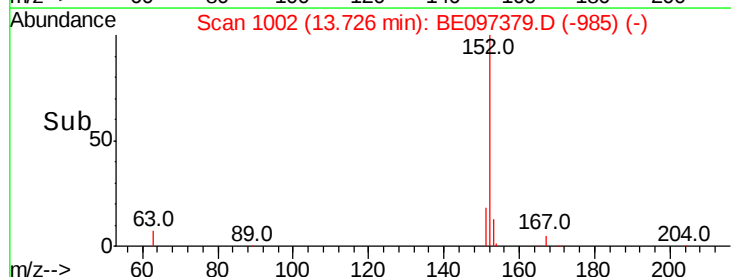
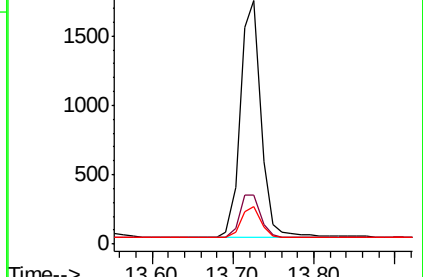
153 12.8 10.5 15.7

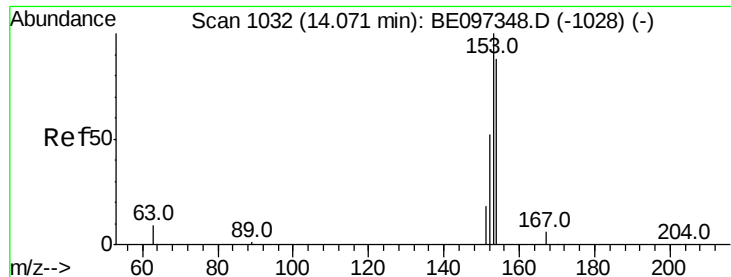


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

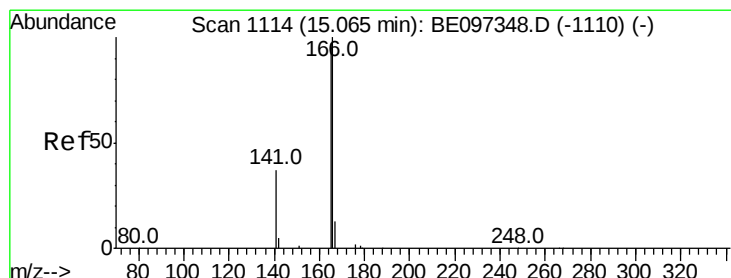
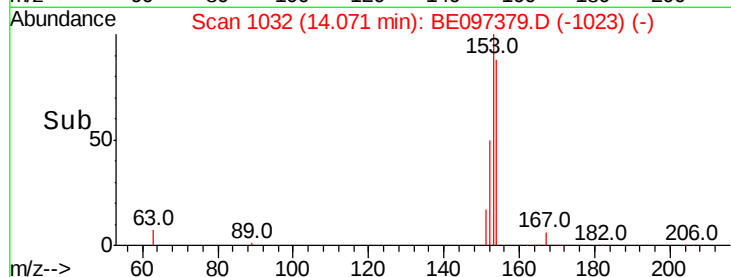
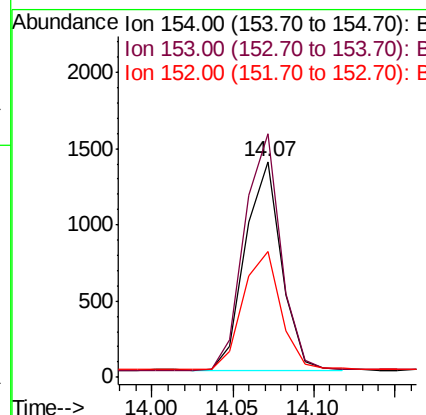
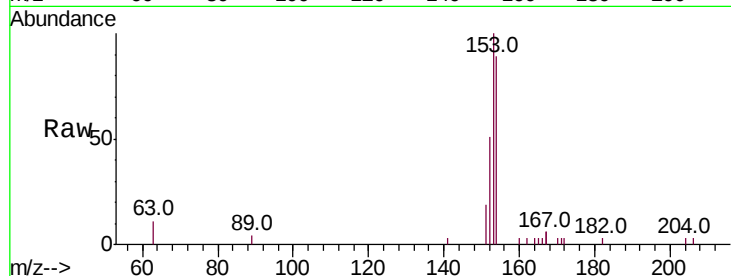




#17
Acenaphthene
Concen: 0.424 ng
RT: 14.07 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

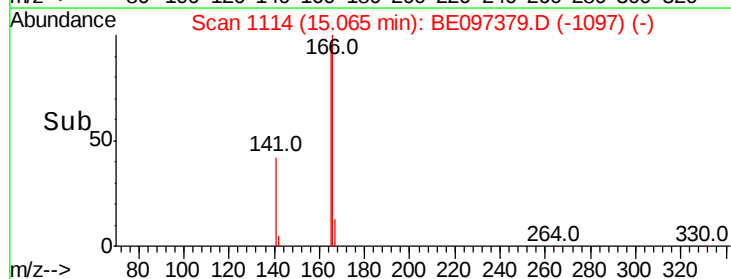
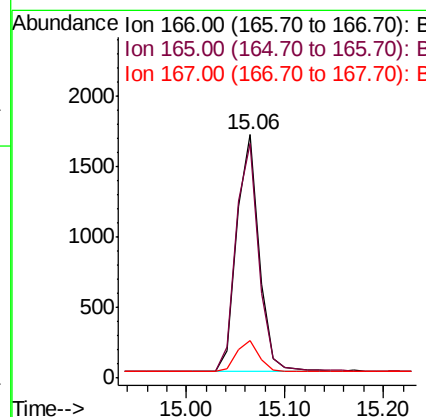
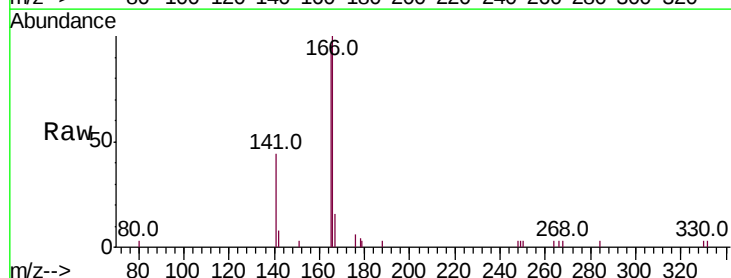
Instrument :
BNA_E
ClientSampleId :

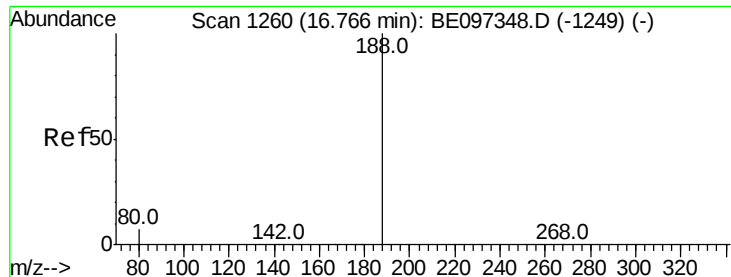
Tot Ion:154 Resp: 2116
Ion Ratio Lower Upper
154 100
153 114.5 89.2 133.8
152 59.9 42.0 63.0



#18
Fluorene
Concen: 0.420 ng
RT: 15.06 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Tgt Ion:166 Resp: 2655
Ion Ratio Lower Upper
166 100
165 98.2 77.8 116.6
167 13.6 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.75 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BE097379.D

Acq: 28 Aug 2018 17:30

Instrument :

BNA_E

ClientSampleId :

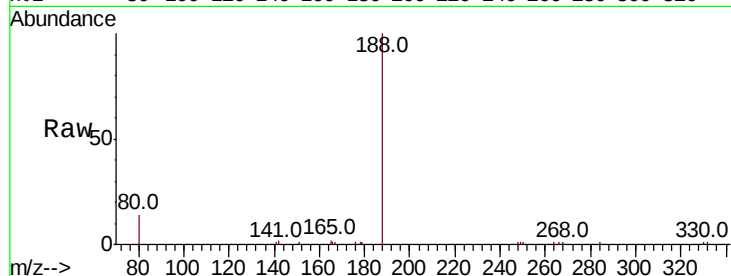
Tot Ion:188 Resp: 5464

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

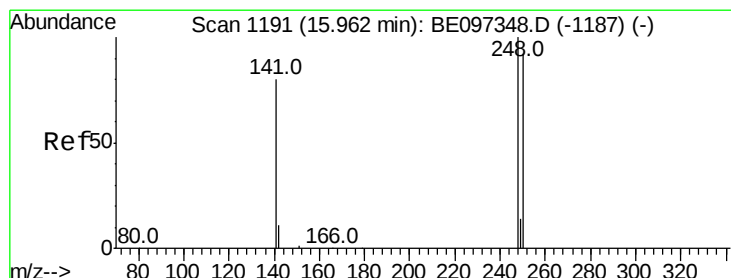
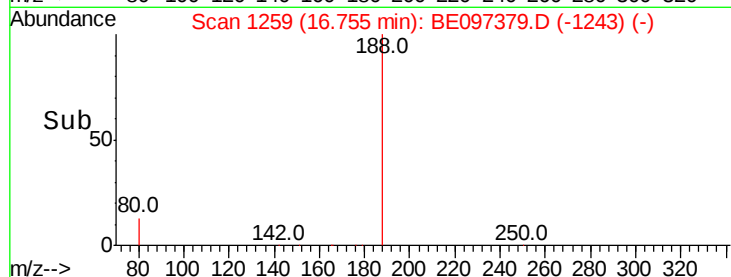
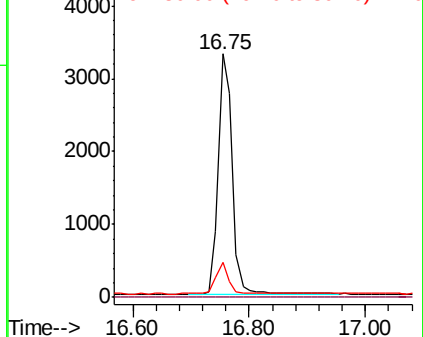
80 14.2 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.410 ng

RT: 15.96 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BE097379.D

Acq: 28 Aug 2018 17:30

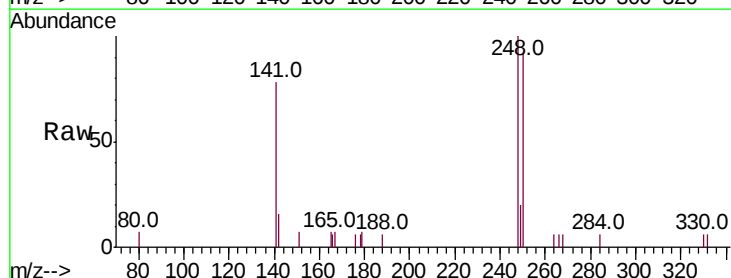
Tgt Ion:248 Resp: 1018

Ion Ratio Lower Upper

248 100

250 91.5 62.7 94.1

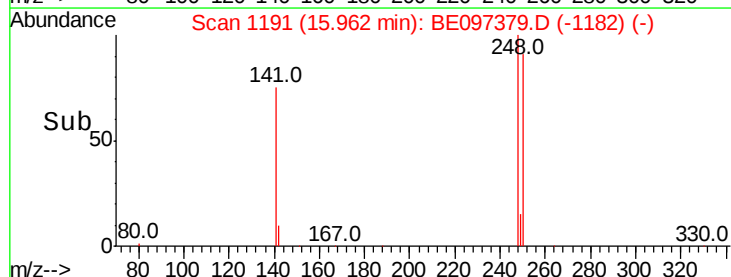
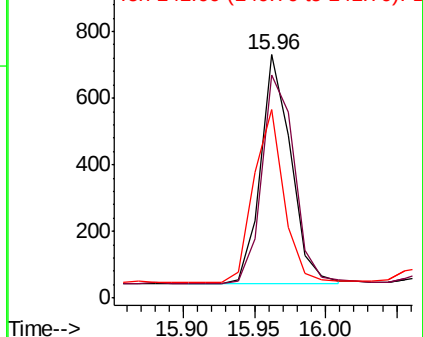
141 77.6 48.2 72.2#

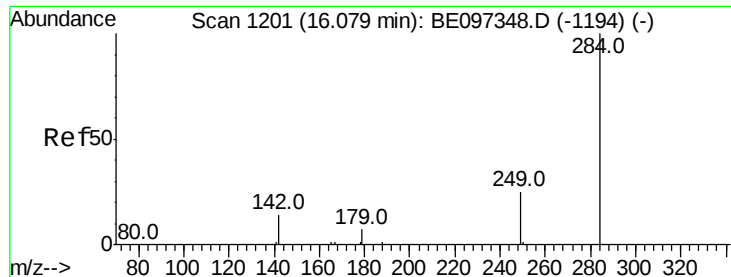


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

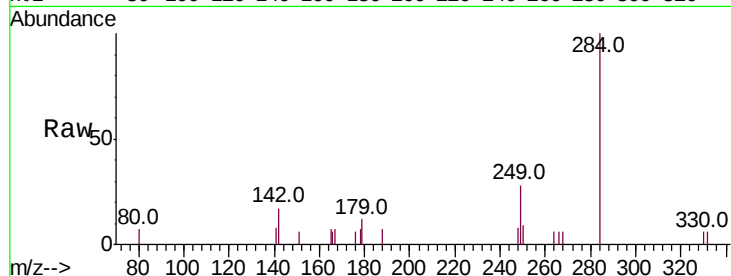




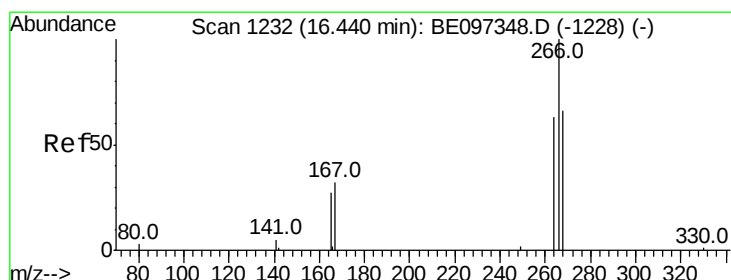
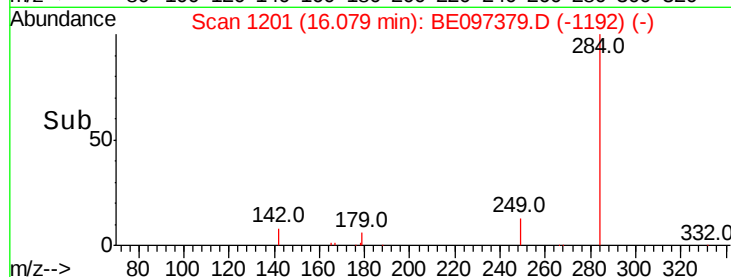
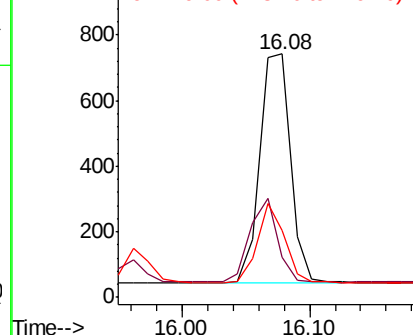
#21
Hexachlorobenzene
Concen: 0.430 ng
RT: 16.08 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 1180
Ion Ratio Lower Upper
284 100
142 32.8 22.1 33.1
249 30.2 34.8 52.2#

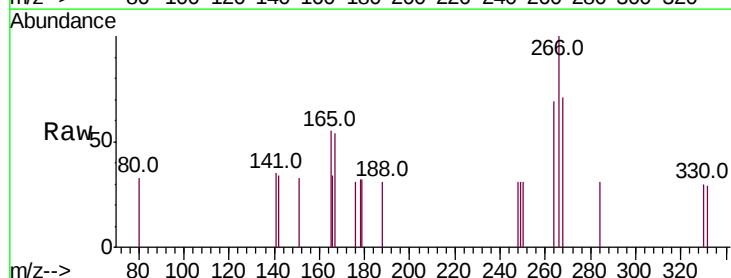


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

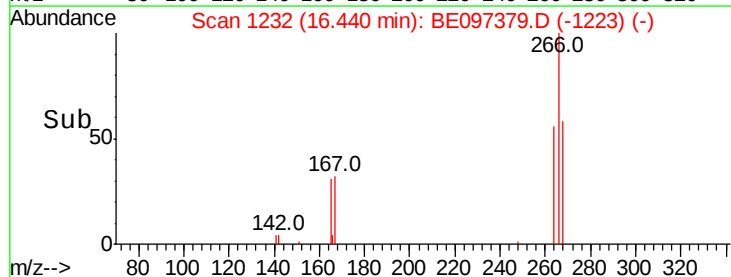
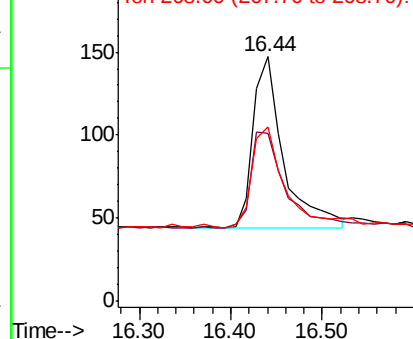


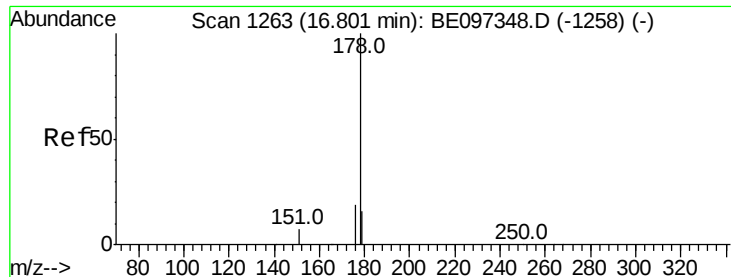
#22
Pentachlorophenol
Concen: 0.428 ng
RT: 16.44 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Tgt Ion:266 Resp: 241
Ion Ratio Lower Upper
266 100
264 68.7 72.5 108.7#
268 71.4 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: 0.420 ng

RT: 16.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BE097379.D

Acq: 28 Aug 2018 17:30

Instrument :

BNA_E

ClientSampled :

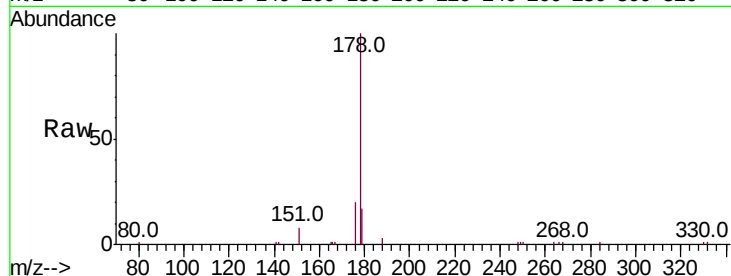
Tot Ion:178 Resp: 5458

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

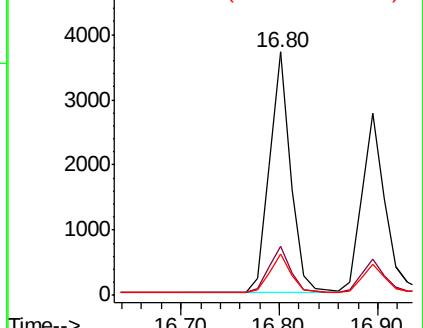
179 16.0 11.8 17.6



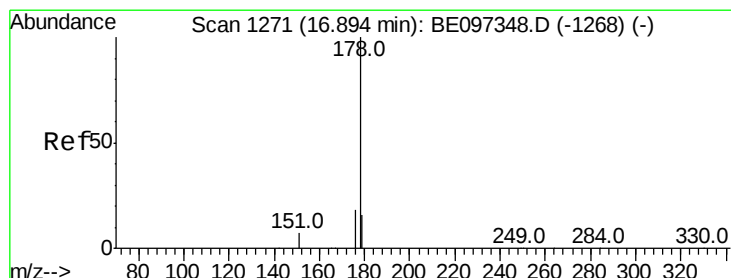
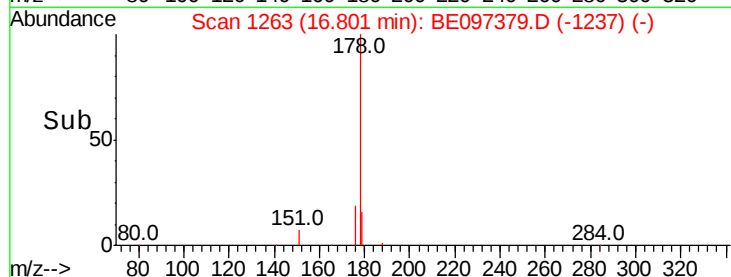
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.397 ng

RT: 16.89 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BE097379.D

Acq: 28 Aug 2018 17:30

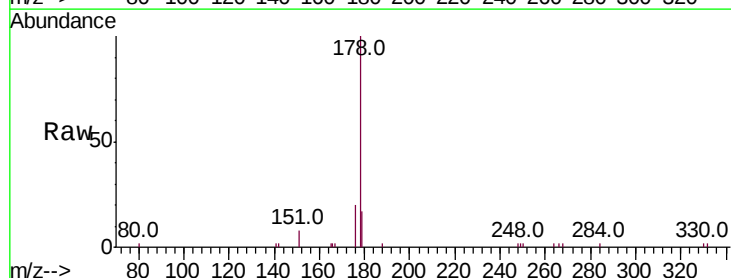
Tgt Ion:178 Resp: 4389

Ion Ratio Lower Upper

178 100

176 18.7 12.8 19.2

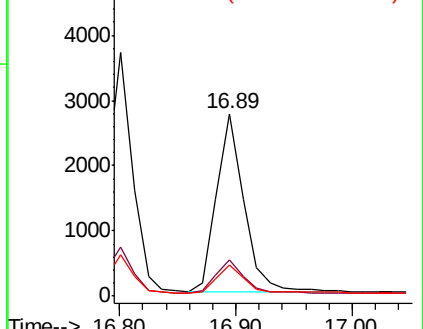
179 15.5 13.0 19.6



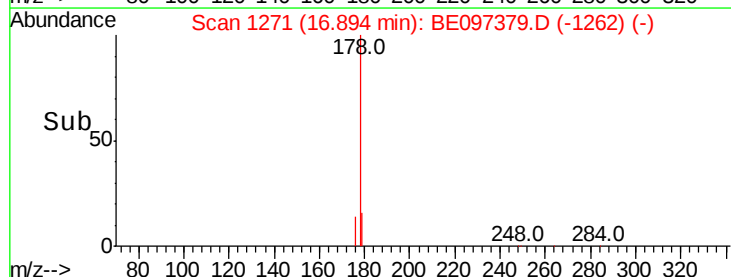
Abundance Ion 178.00 (177.70 to 178.70): E

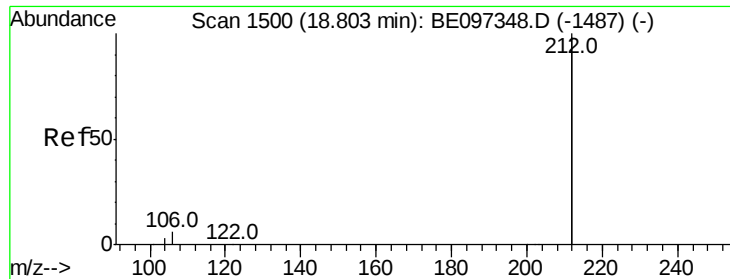
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.405 ng

RT: 18.80 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BE097379.D

Acq: 28 Aug 2018 17:30

Instrument :

BNA_E

ClientSampleId :

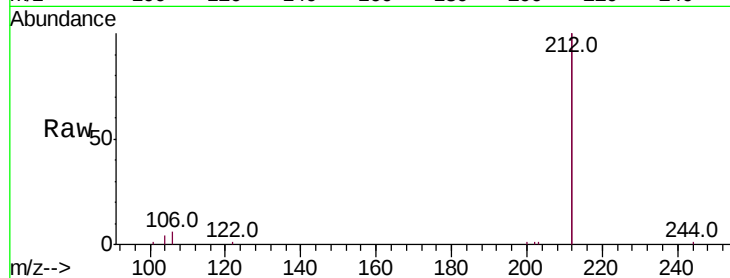
Tot Ion:212 Resp: 25401

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

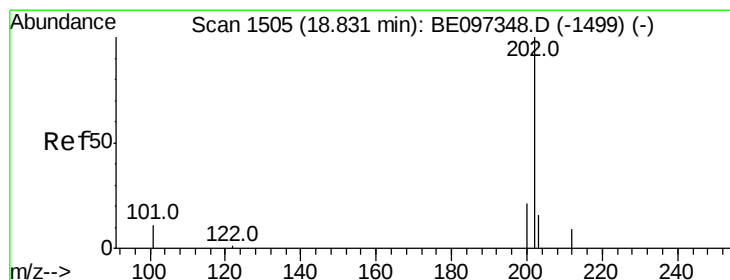
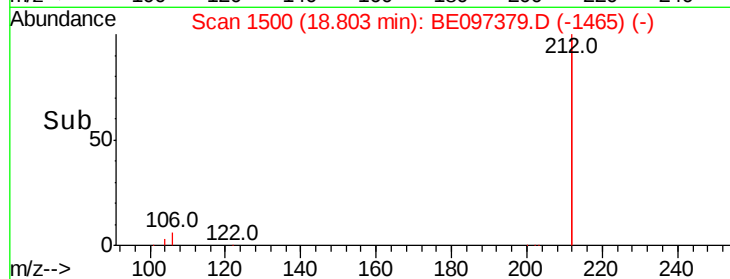
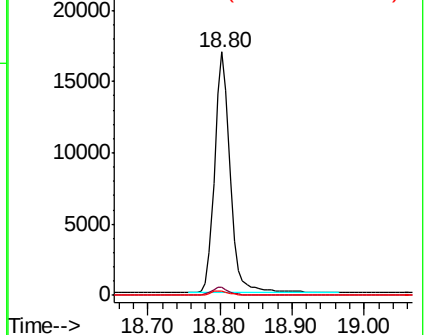
104 1.6 1.6 2.4



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: 0.410 ng

RT: 18.83 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BE097379.D

Acq: 28 Aug 2018 17:30

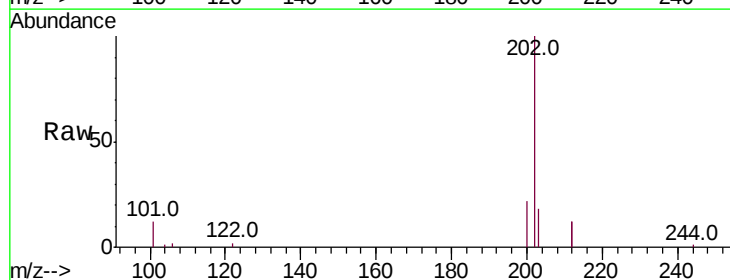
Tgt Ion:202 Resp: 6688

Ion Ratio Lower Upper

202 100

101 11.2 9.8 14.8

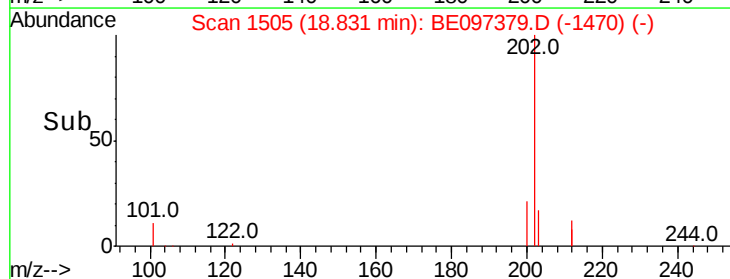
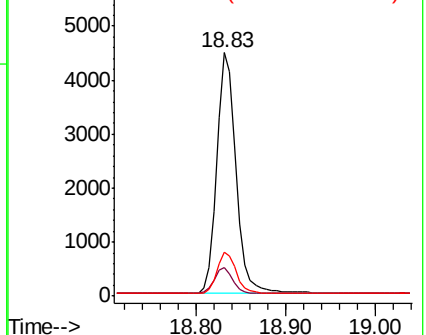
203 17.4 13.7 20.5

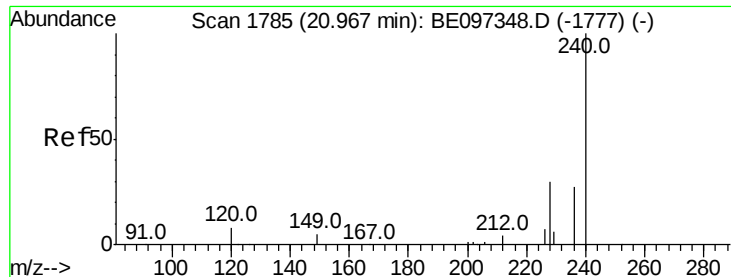


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1785

Delta R.T. -0.00 min

Lab File: BE097379.D

Acq: 28 Aug 2018 17:30

Instrument :

BNA_E

ClientSampleId :

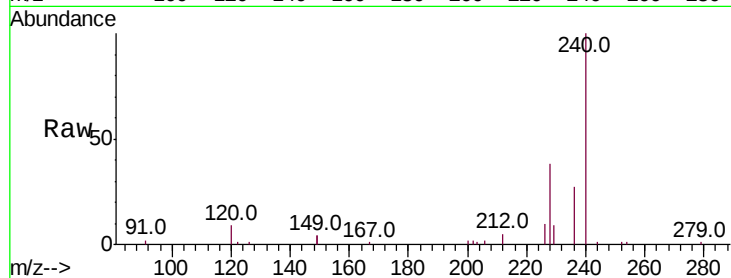
Tot Ion:240 Resp: 6614

Ion Ratio Lower Upper

240 100

120 9.2 5.5 8.3#

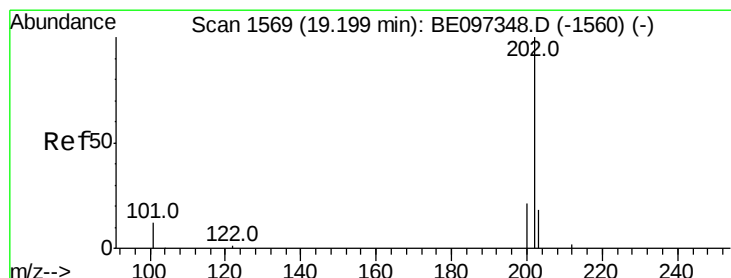
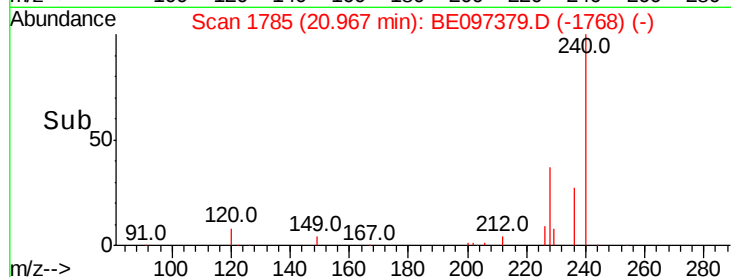
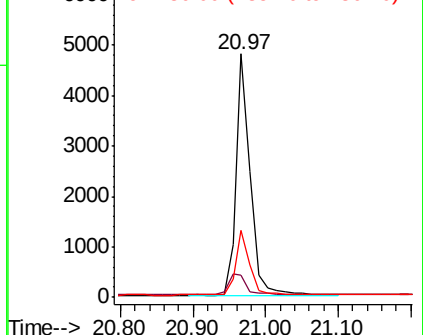
236 27.5 20.7 31.1



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: 0.431 ng

RT: 19.20 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BE097379.D

Acq: 28 Aug 2018 17:30

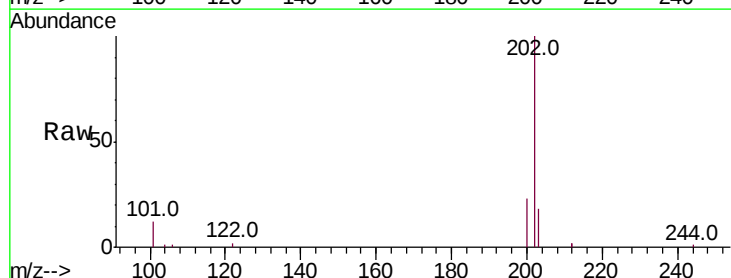
Tgt Ion:202 Resp: 6791

Ion Ratio Lower Upper

202 100

200 21.3 16.6 25.0

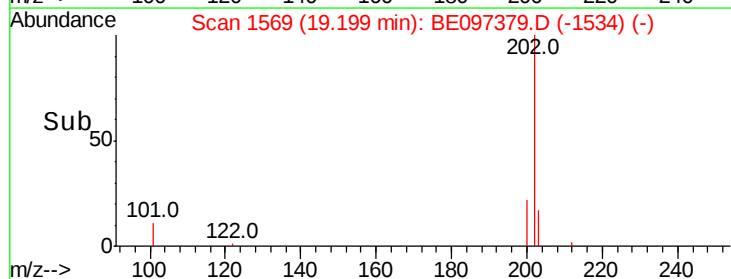
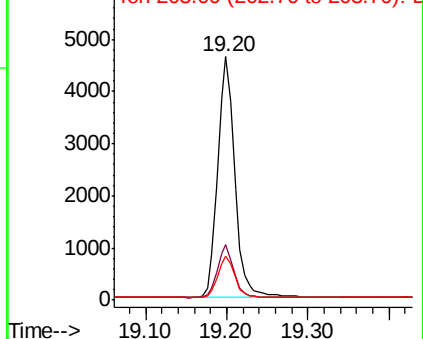
203 17.4 13.8 20.8

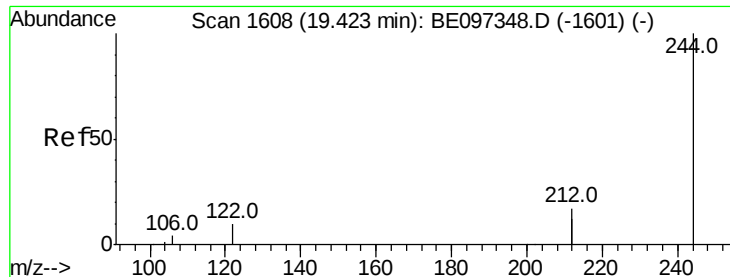


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.423 ng

RT: 19.42 min Scan# 1608

Delta R.T. 0.00 min

Lab File: BE097379.D

Acq: 28 Aug 2018 17:30

Instrument :

BNA_E

ClientSampleId :

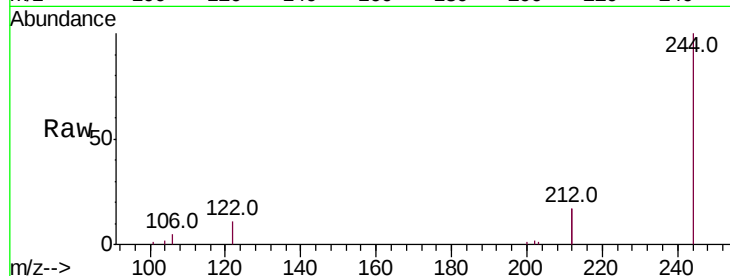
Tot Ion:244 Resp: 5161

Ion Ratio Lower Upper

244 100

212 34.7 25.4 38.0

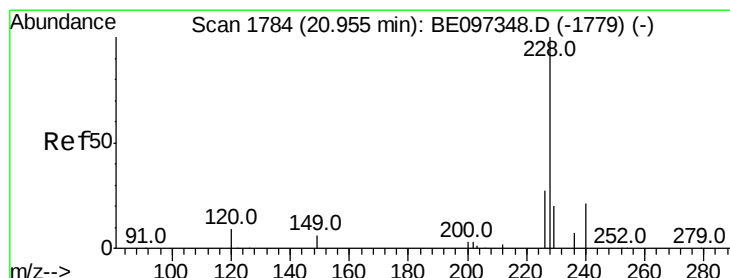
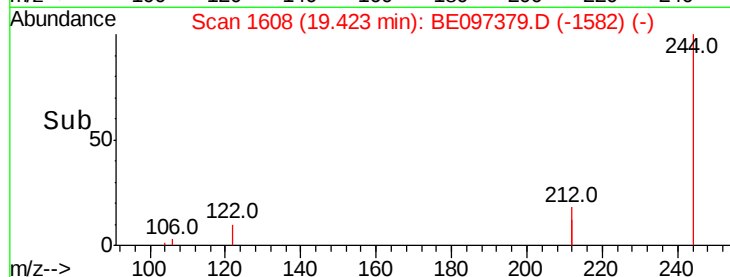
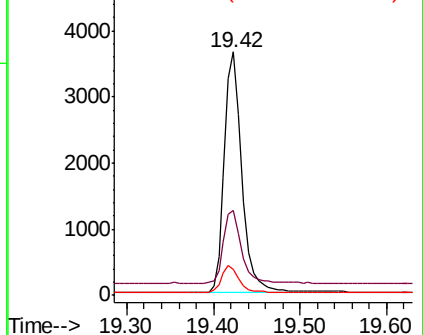
122 10.9 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.369 ng

RT: 20.95 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BE097379.D

Acq: 28 Aug 2018 17:30

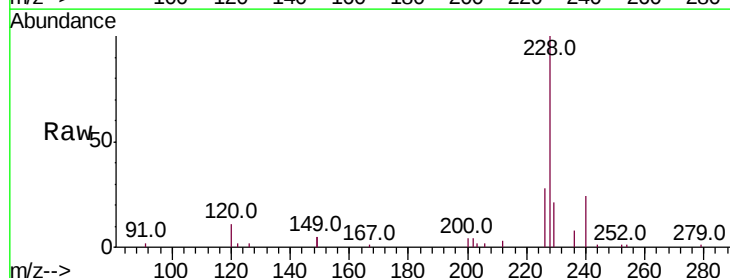
Tgt Ion:228 Resp: 6170

Ion Ratio Lower Upper

228 100

226 28.1 24.0 36.0

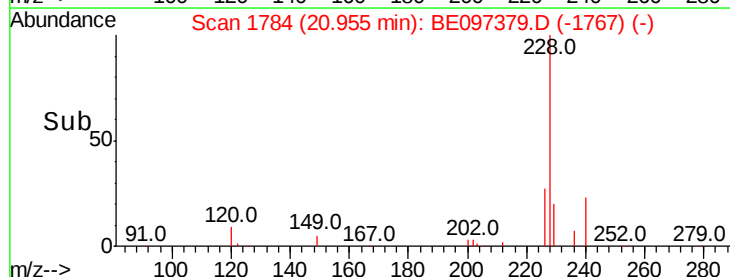
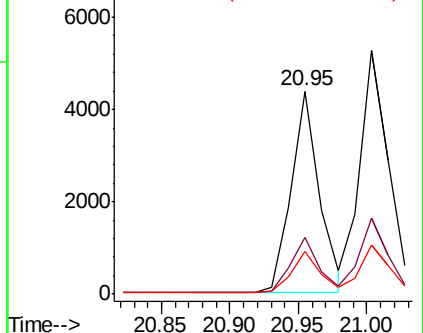
229 20.9 16.0 24.0

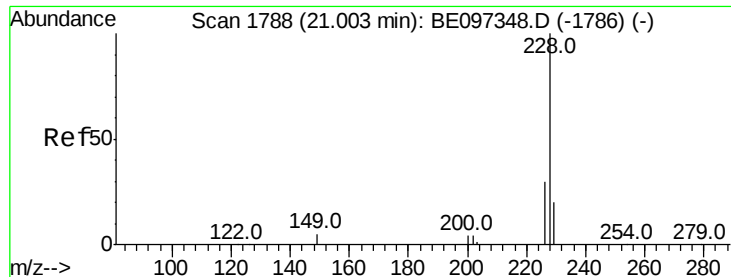


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.423 ng

RT: 21.00 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BE097379.D

Acq: 28 Aug 2018 17:30

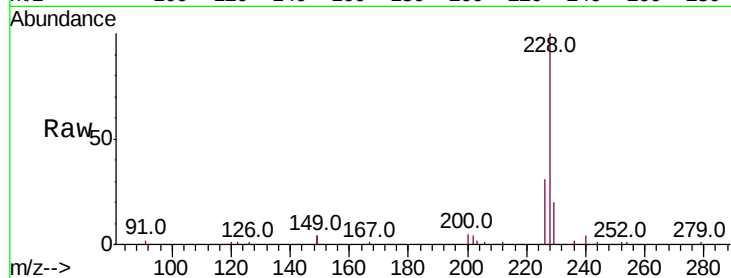
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 7611

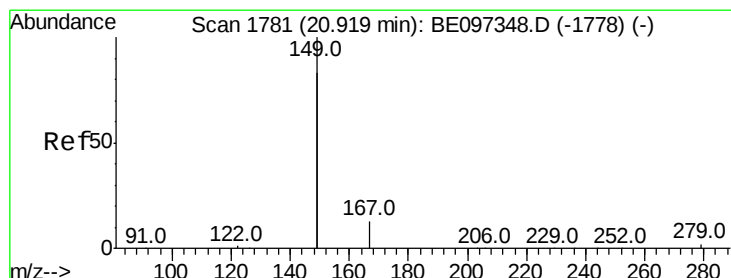
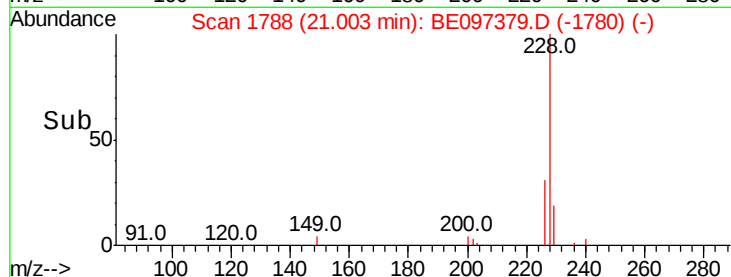
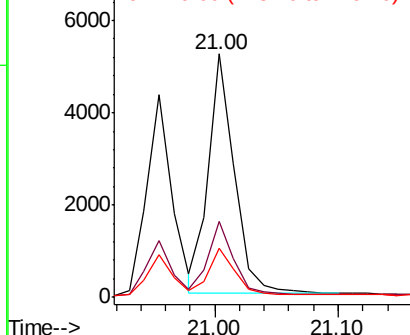
Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.0	36.0
229	20.1	16.0	24.0



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: 0.349 ng

RT: 20.91 min Scan# 1780

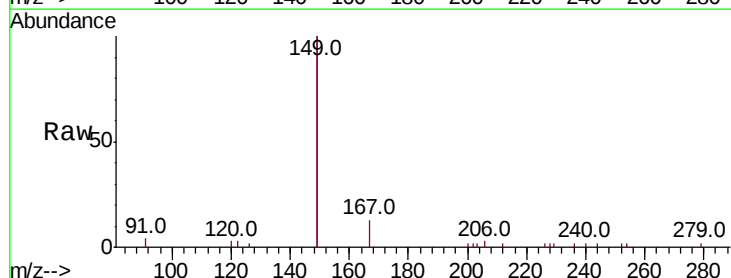
Delta R.T. -0.01 min

Lab File: BE097379.D

Acq: 28 Aug 2018 17:30

Tgt Ion:149 Resp: 6285

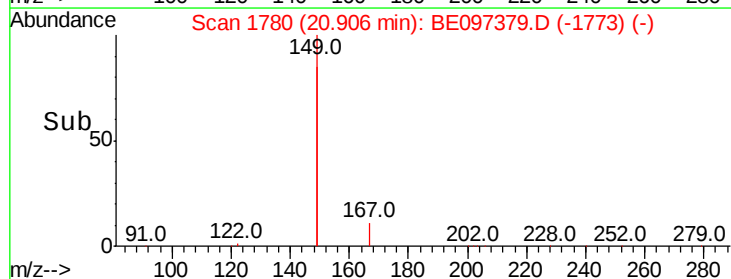
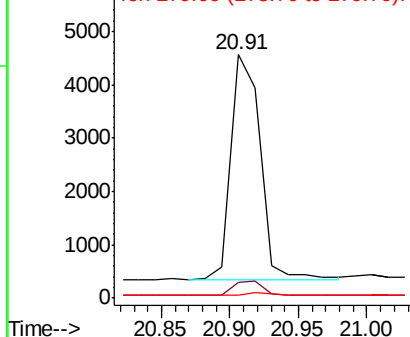
Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.0	0.7	1.1

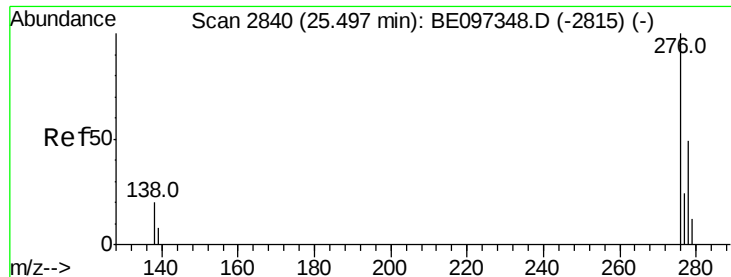


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

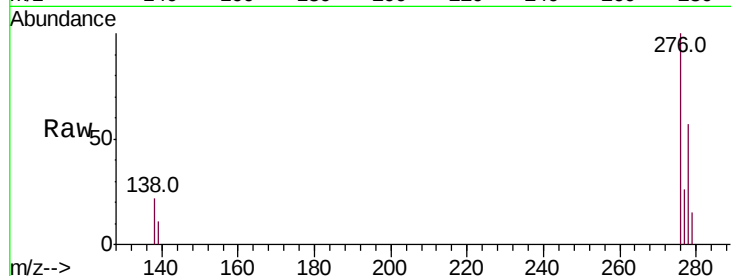




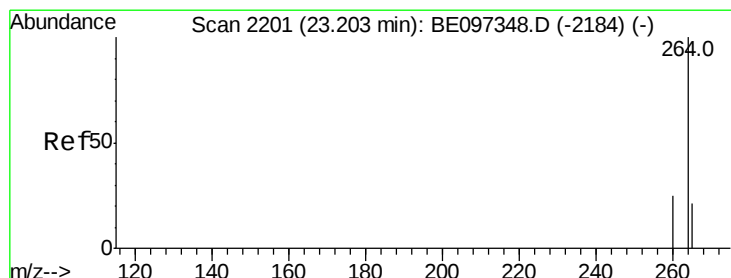
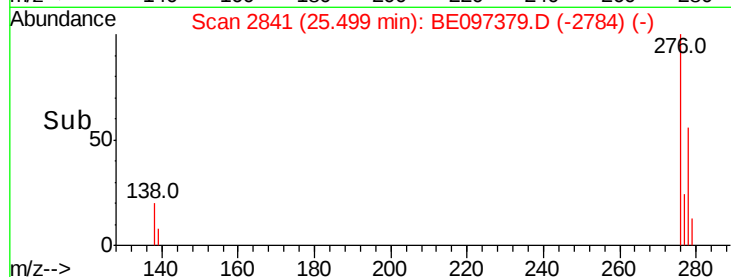
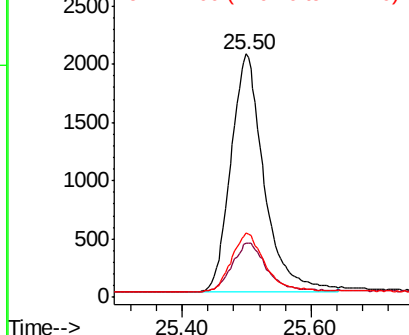
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.310 ng
 RT: 25.50 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: BE097379.D
 Acq: 28 Aug 2018 17:30

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 7381
 Ion Ratio Lower Upper
 276 100
 138 21.1 22.5 33.7#
 277 25.0 19.9 29.9

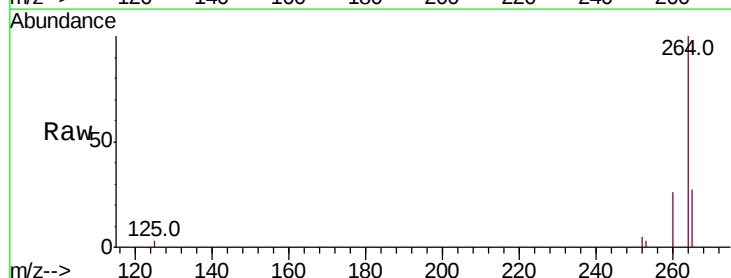


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

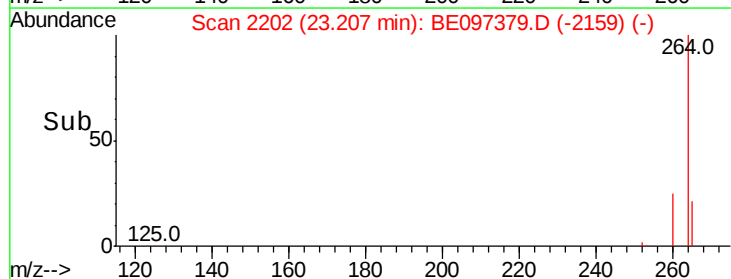
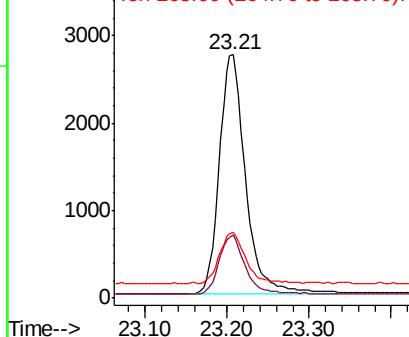


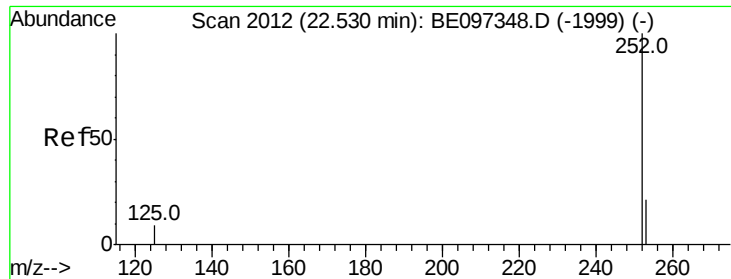
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2202
 Delta R.T. 0.00 min
 Lab File: BE097379.D
 Acq: 28 Aug 2018 17:30

Tgt Ion:264 Resp: 6080
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.5 30.7
 265 27.0 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

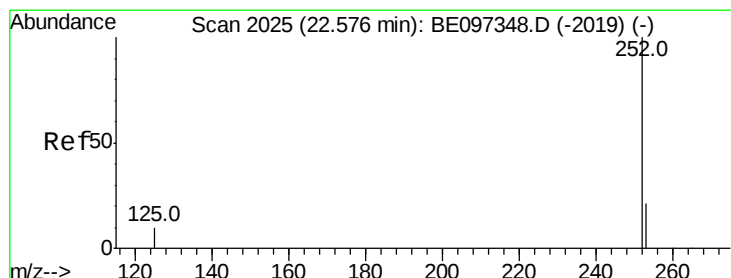
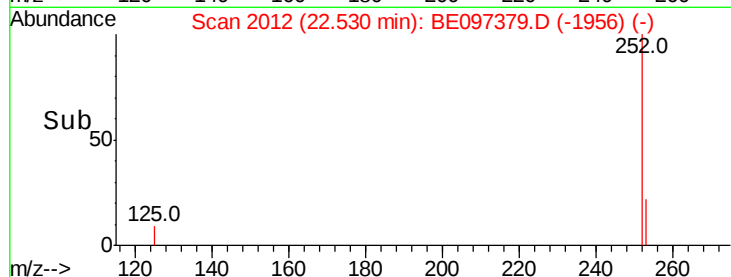
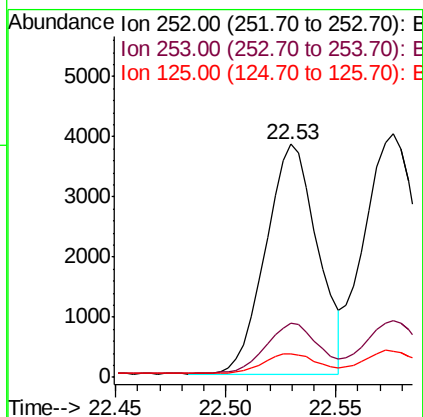
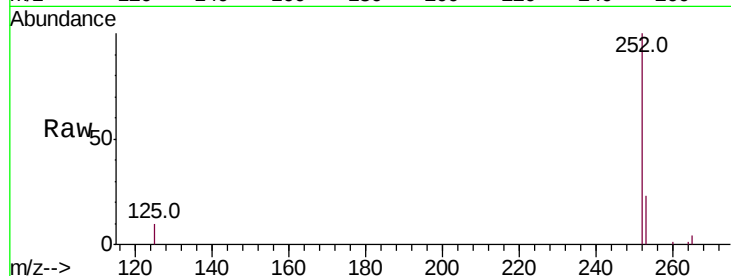




#35
Benzo(b)fluoranthene
Concen: 0.385 ng
RT: 22.53 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

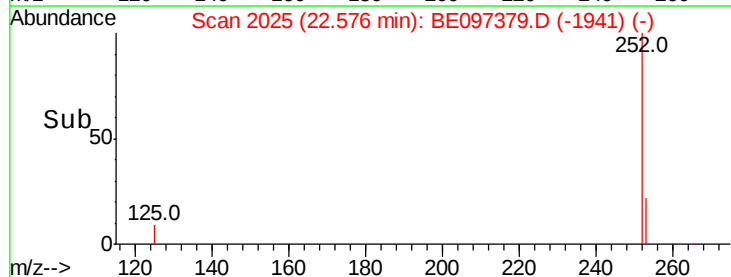
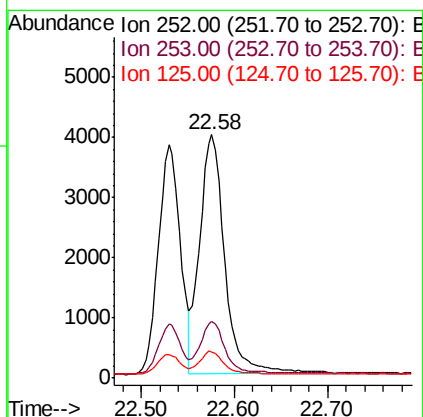
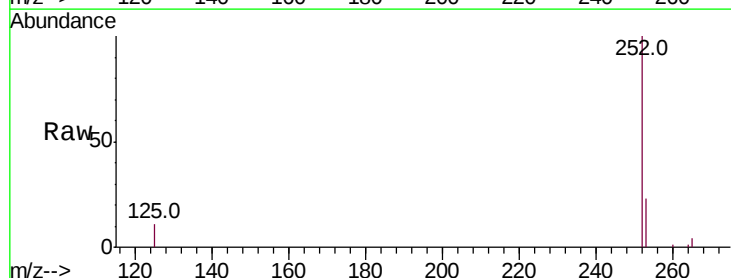
Instrument :
BNA_E
ClientSampled :

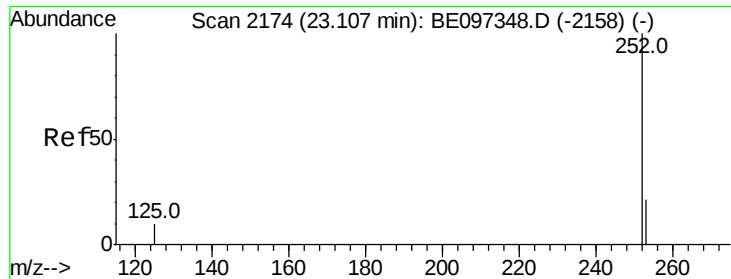
Tot Ion:252 Resp: 6253
Ion Ratio Lower Upper
252 100
253 23.4 20.0 30.0
125 10.3 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.409 ng
RT: 22.58 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Tgt Ion:252 Resp: 7396
Ion Ratio Lower Upper
252 100
253 23.2 16.0 24.0
125 10.9 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.379 ng

RT: 23.11 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BE097379.D

Acq: 28 Aug 2018 17:30

Instrument :

BNA_E

ClientSampleId :

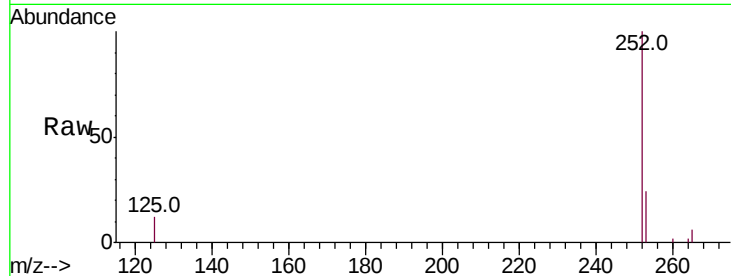
Tot Ion:252 Resp: 5937

Ion Ratio Lower Upper

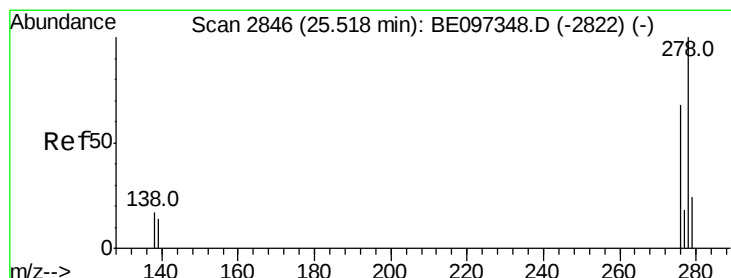
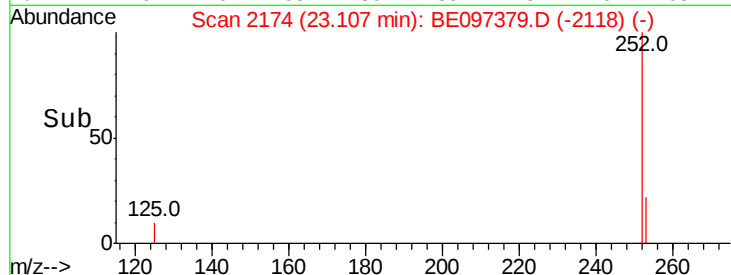
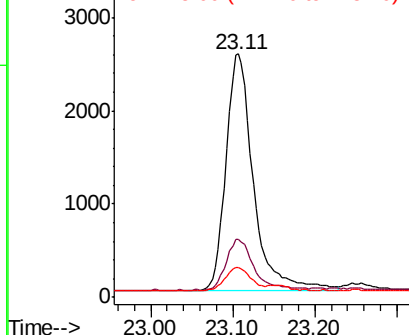
252 100

253 24.0 16.0 24.0

125 12.2 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: 0.333 ng

RT: 25.52 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BE097379.D

Acq: 28 Aug 2018 17:30

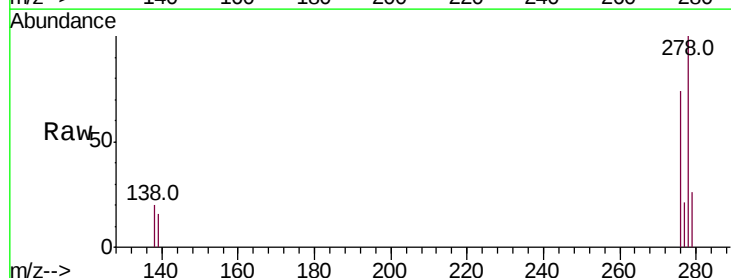
Tgt Ion:278 Resp: 6260

Ion Ratio Lower Upper

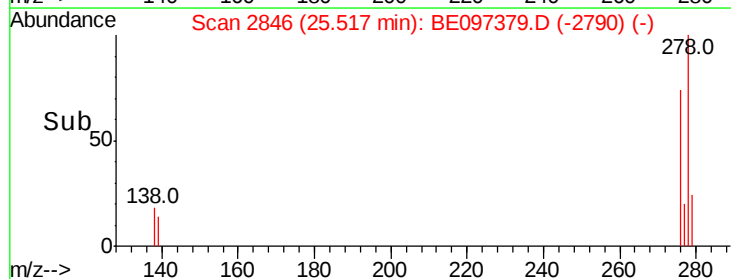
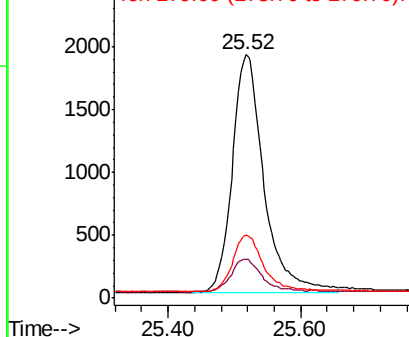
278 100

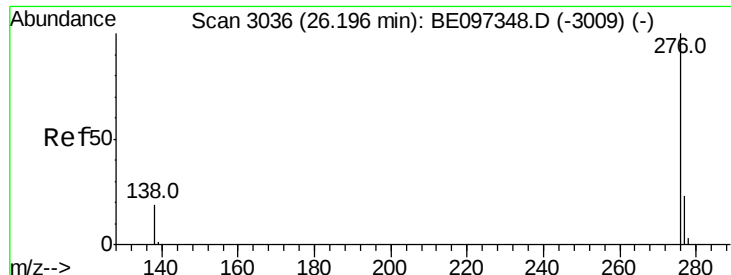
139 15.9 16.0 24.0#

279 26.1 20.0 30.0



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.331 ng

RT: 26.20 min Scan# 3037

Delta R.T. 0.00 min

Lab File: BE097379.D

Acq: 28 Aug 2018 17:30

Instrument :

BNA_E

ClientSampleId :

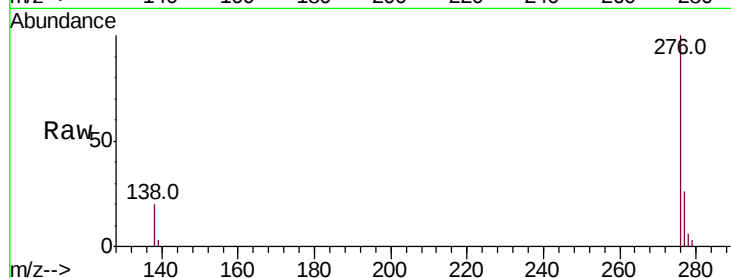
Tot Ion:276 Resp: 6449

Ion Ratio Lower Upper

276 100

277 25.6 16.0 24.0#

138 20.4 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

