

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
 Data File : BE097510.D
 Acq On : 17 Sep 2018 00:00
 Operator : SJ/JU
 Sample : J4892-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

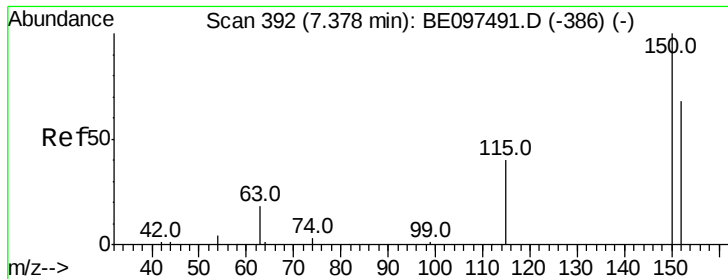
Quant Time: Sep 18 05:52:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 17 18:57:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	1099	0.40	ng	0.00
7) Naphthalene-d8	10.12	136	5974	0.40	ng	-0.01
13) Acenaphthene-d10	13.99	164	5782	0.40	ng	-0.01
19) Phenanthrene-d10	16.75	188	9396	0.40	ng	-0.01
27) Chrysene-d12	20.97	240	9884	0.40	ng	0.00
34) Perylene-d12	23.20	264	9659	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	1198	0.32	ng	0.00
5) Phenol-d6	6.59	99	1549	0.33	ng	-0.02
8) Nitrobenzene-d5	8.51	82	2800	0.58	ng	-0.02
11) 2-Methylnaphthalene-d10	11.71	152	4972	0.58	ng	-0.01
14) 2,4,6-Tribromophenol	15.51	330	920	0.30	ng	-0.02
15) 2-Fluorobiphenyl	12.61	172	6527	0.32	ng	-0.01
25) Fluoranthene-d10	18.80	212	47449	0.42	ng	0.00
29) Terphenyl-d14	19.41	244	9959	0.53	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.07	88	49	0.026	ng	# 1
3) n-Nitrosodimethylamine	3.36	42	521	0.328	ng	# 2
6) bis(2-Chloroethyl)ether	6.77	93	2928	0.776	ng	# 1
9) Naphthalene	10.17	128	6278664	115.770	ng	99
10) Hexachlorobutadiene	10.43	225	5	0.002	ng	# 35
12) 2-Methylnaphthalene	11.79	142	598174	68.956	ng	98
16) Acenaphthylene	13.71	152	3378	0.134	ng	# 1
17) Acenaphthene	14.06	154	3904	0.252	ng	# 80
18) Fluorene	15.05	166	13479	0.681	ng	# 82
20) 4-Bromophenyl-phenylether	15.93	248	20	0.004	ng	# 1
21) Hexachlorobenzene	16.05	284	10	0.002	ng	# 16
22) Pentachlorophenol	16.42	266	47	0.120	ng	96
23) Phenanthrene	16.79	178	4044	0.183	ng	# 71
24) Anthracene	16.88	178	472	0.023	ng	# 1
26) Fluoranthene	18.83	202	356	0.012	ng	# 79
28) Pyrene	19.19	202	455	0.018	ng	# 81
30) Benzo(a)anthracene	20.95	228	146	0.006	ng	# 1
31) Chrysene	21.00	228	84	0.003	ng	# 1
32) Bis(2-ethylhexyl)phthalate	20.91	149	12832	0.232	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.50	276	35	0.001	ng	# 86
35) Benzo(b)fluoranthene	22.53	252	95	0.004	ng	# 1
36) Benzo(k)fluoranthene	22.57	252	77	0.003	ng	# 1
37) Benzo(a)pyrene	23.10	252	54	0.002	ng	# 1
38) Dibenzo(a,h)anthracene	25.52	278	7	0.000	ng	# 1
39) Benzo(g,h,i)perylene	26.22	276	74	0.003	ng	# 1

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

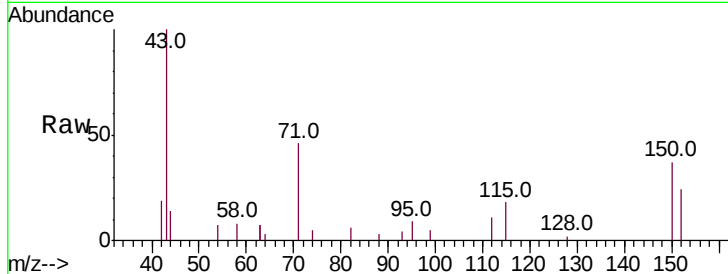


#1

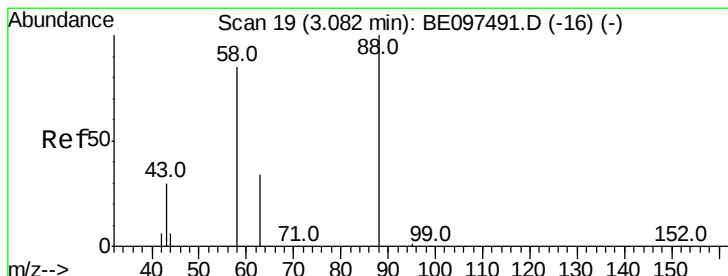
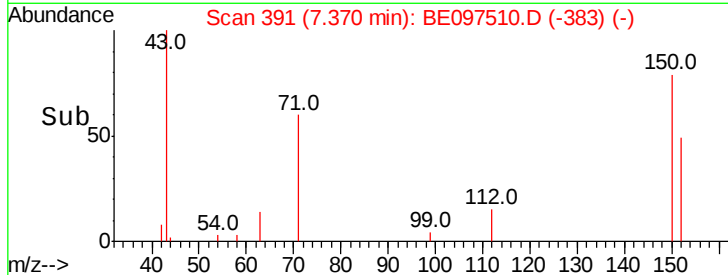
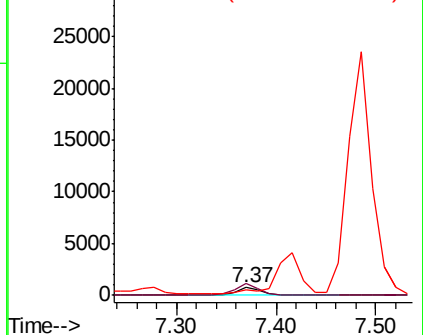
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1099
Ion Ratio Lower Upper
152 100
150 153.3 117.2 175.8
115 72.9 57.0 85.6



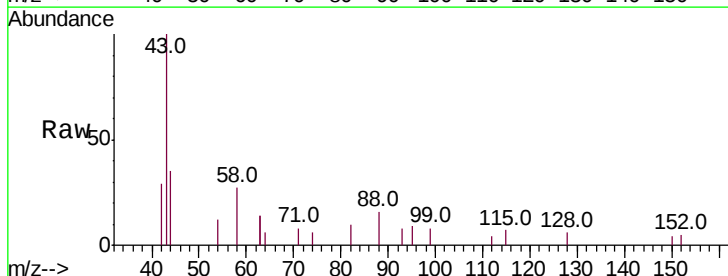
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



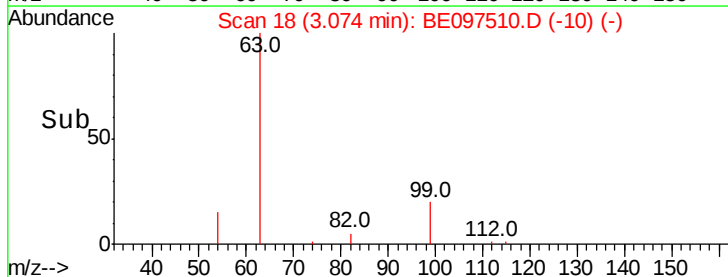
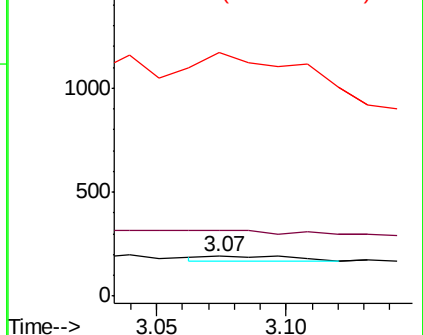
#2

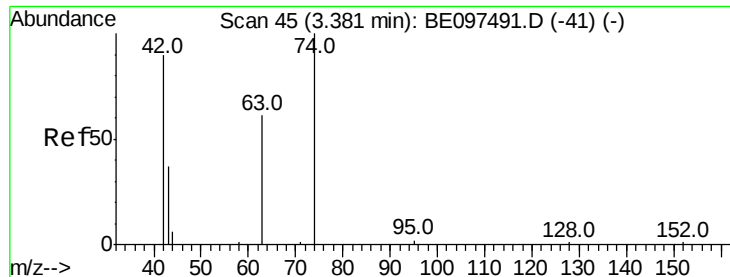
1,4-Dioxane
Concen: 0.026 ng
RT: 3.07 min Scan# 18
Delta R.T. -0.01 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Tgt Ion: 88 Resp: 49
Ion Ratio Lower Upper
88 100
58 0.0 63.2 94.8#
43 1536.7 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: 0.328 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.02 min

Lab File: BE097510.D

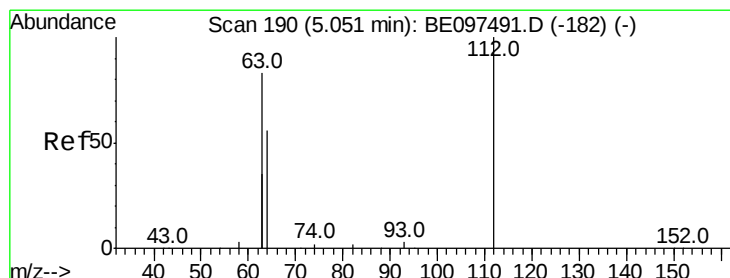
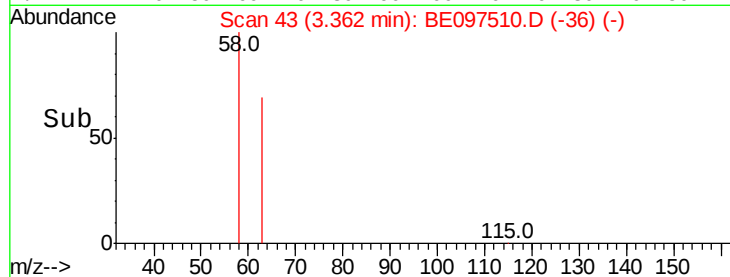
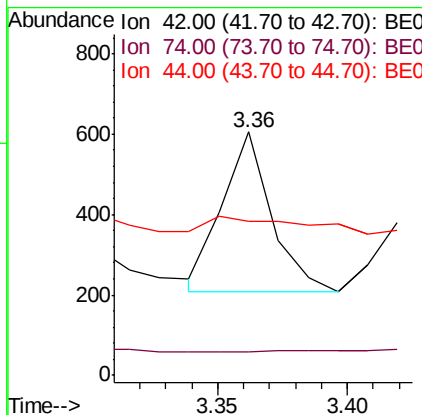
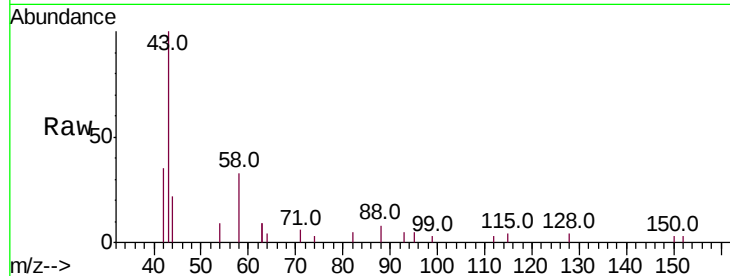
Acq: 17 Sep 2018 00:00

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	42	Resp:	521
Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.0	144.0#
44	21.3	12.0	18.0#



#4

2-Fluorophenol

Concen: 0.322 ng

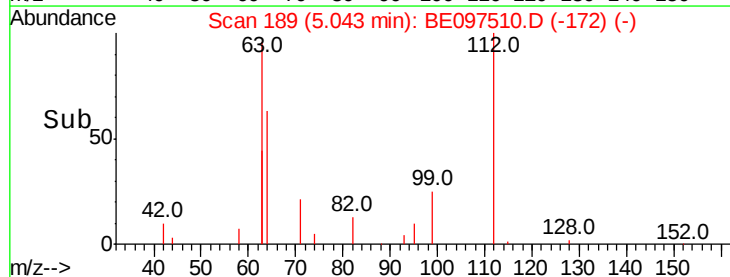
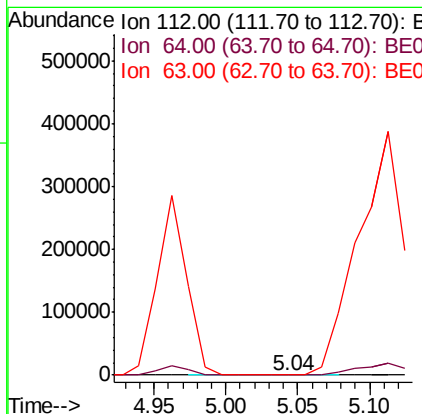
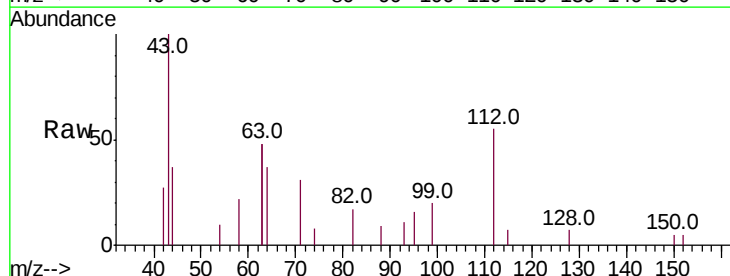
RT: 5.04 min Scan# 189

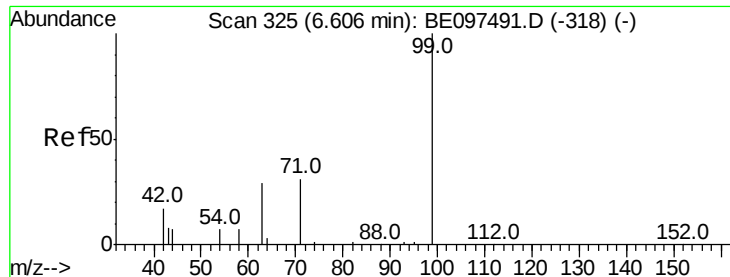
Delta R.T. -0.01 min

Lab File: BE097510.D

Acq: 17 Sep 2018 00:00

Tgt Ion:	112	Resp:	1198
Ion	Ratio	Lower	Upper
112	100		
64	0.0	60.1	90.1#
63	0.0	116.8	175.2#





#5

Phenol-d6

Concen: 0.328 ng

RT: 6.59 min Scan# 323

Delta R.T. -0.02 min

Lab File: BE097510.D

Acq: 17 Sep 2018 00:00

Instrument :

BNA_E

ClientSampleId :

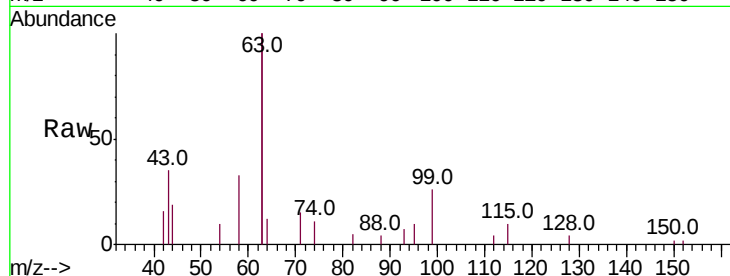
Tot Ion: 99 Resp: 1549

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

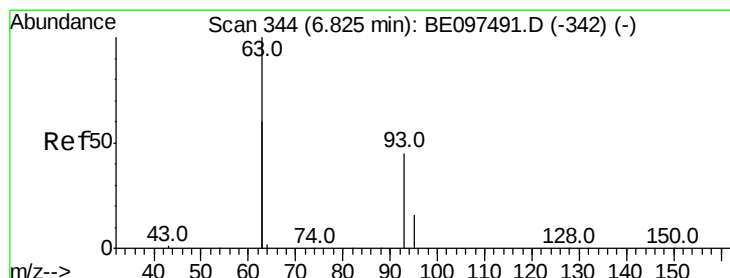
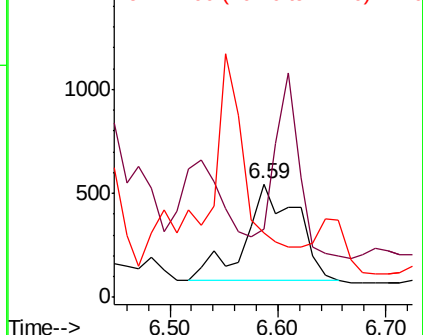
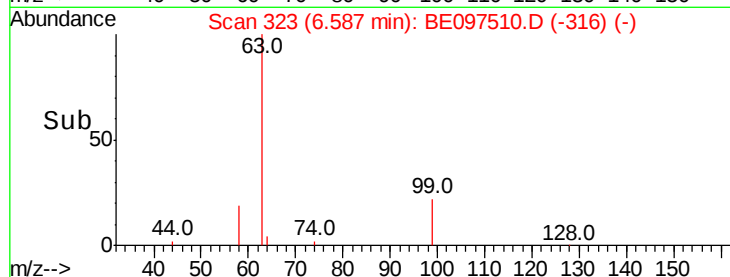
71 0.0 28.4 42.6#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.776 ng

RT: 6.77 min Scan# 339

Delta R.T. -0.05 min

Lab File: BE097510.D

Acq: 17 Sep 2018 00:00

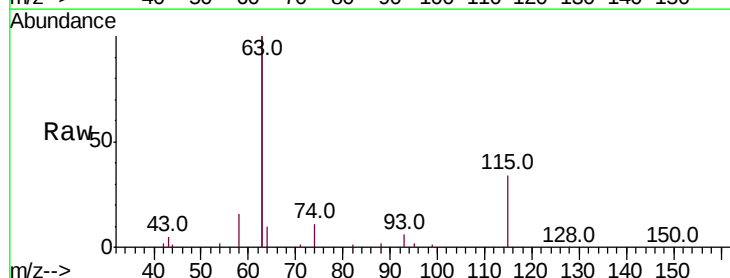
Tgt Ion: 93 Resp: 2928

Ion Ratio Lower Upper

93 100

63 3399.5 275.3 412.9#

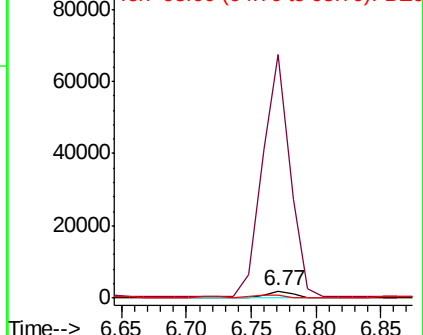
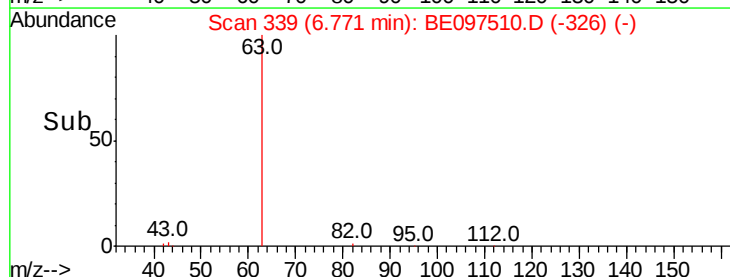
95 55.4 25.2 37.8#

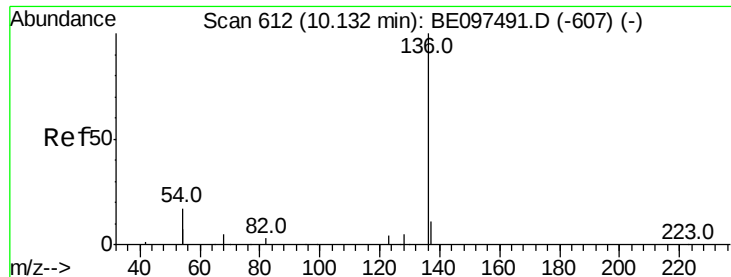


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.12 min Scan# 611

Delta R.T. -0.01 min

Lab File: BE097510.D

Acq: 17 Sep 2018 00:00

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5974

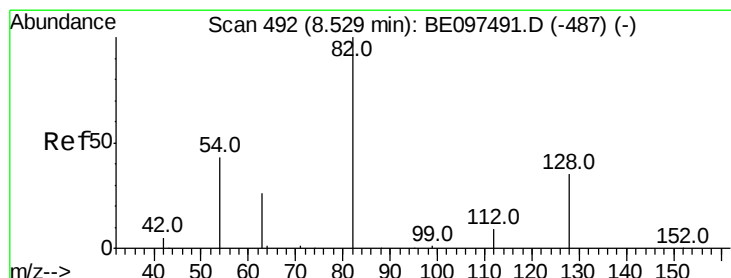
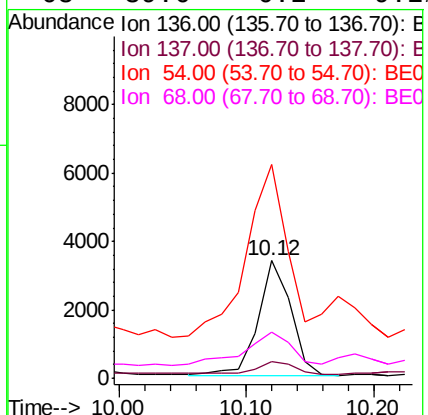
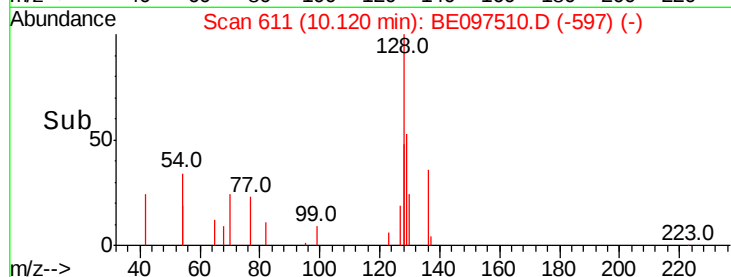
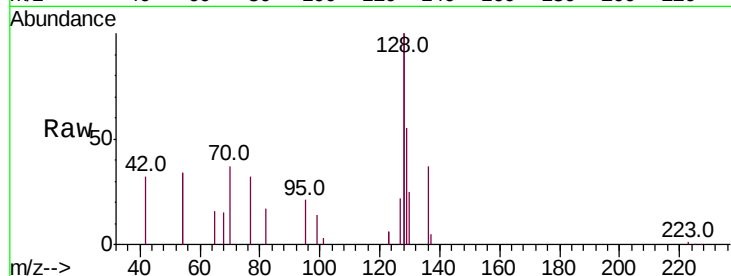
Ion Ratio Lower Upper

136 100

137 14.6 9.5 14.3#

54 182.1 29.1 43.7#

68 39.6 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 0.582 ng

RT: 8.51 min Scan# 490

Delta R.T. -0.02 min

Lab File: BE097510.D

Acq: 17 Sep 2018 00:00

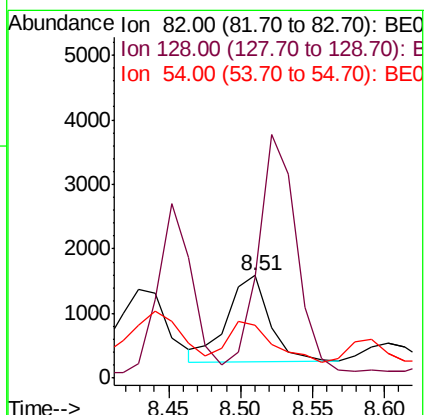
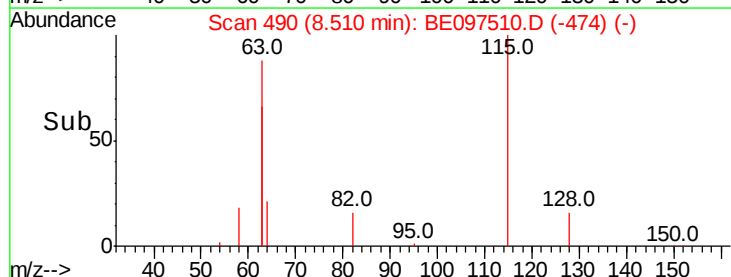
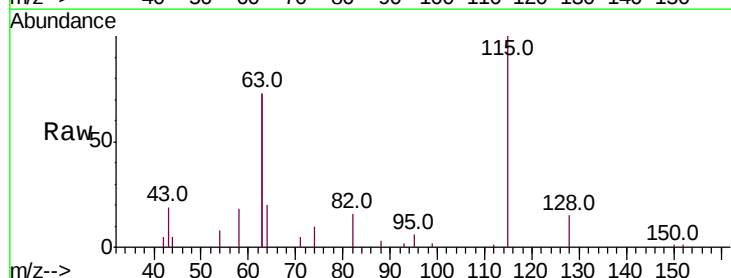
Tgt Ion: 82 Resp: 2800

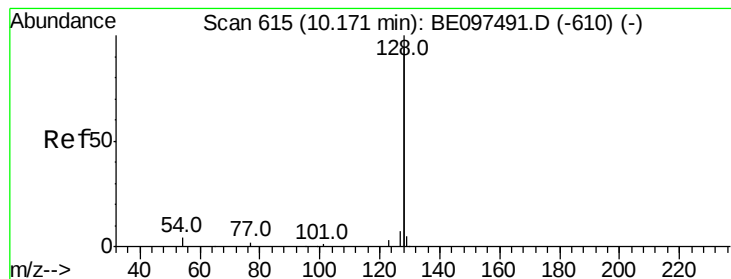
Ion Ratio Lower Upper

82 100

128 98.1 24.0 36.0#

54 51.8 40.0 60.0





#9

Naphthalene

Concen: 115.770 ng

RT: 10.17 min Scan# 615

Delta R.T. 0.00 min

Lab File: BE097510.D

Acq: 17 Sep 2018 00:00

Instrument :

BNA_E

ClientSampled :

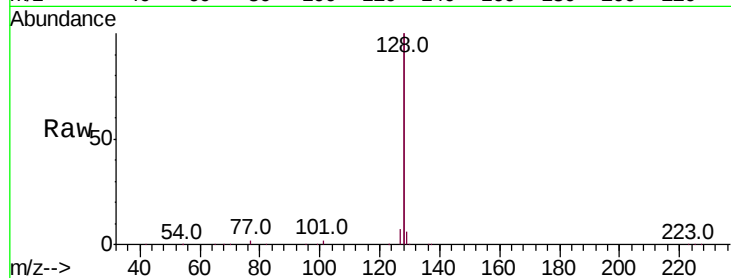
Tot Ion:128 Resp: 6278664

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

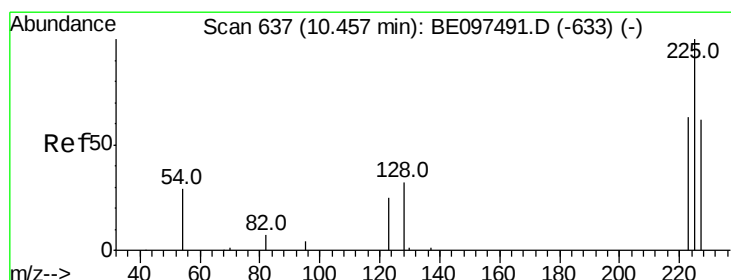
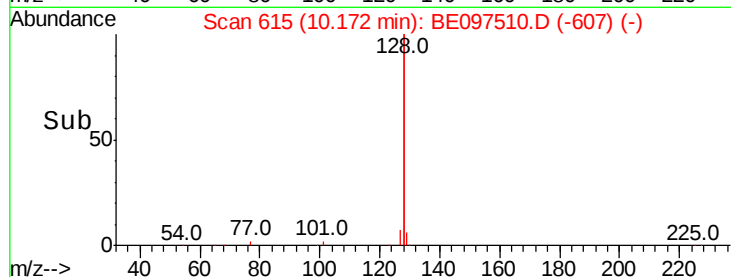
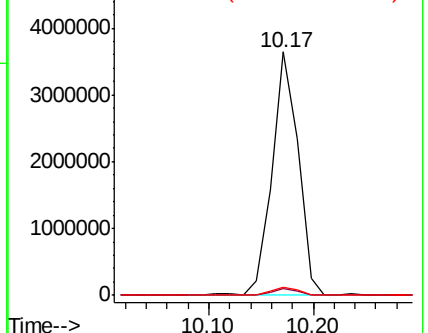
127 3.5 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

5000000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.002 ng

RT: 10.43 min Scan# 635

Delta R.T. -0.03 min

Lab File: BE097510.D

Acq: 17 Sep 2018 00:00

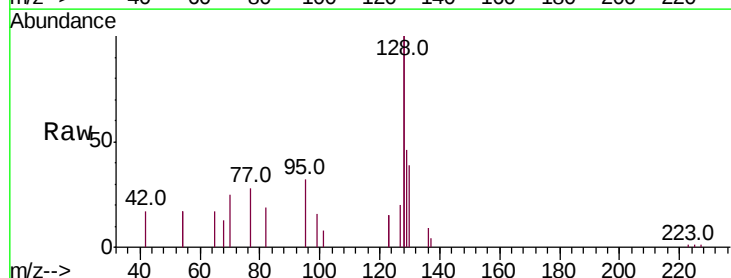
Tgt Ion:225 Resp: 5

Ion Ratio Lower Upper

225 100

223 0.0 53.0 79.6#

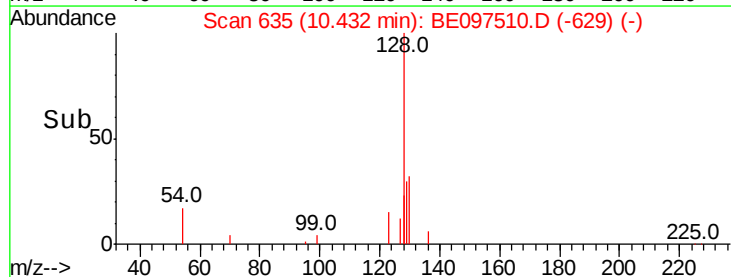
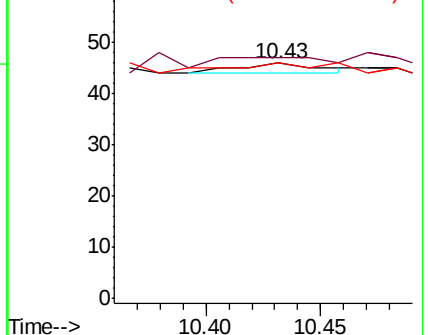
227 100.0 51.4 77.2#

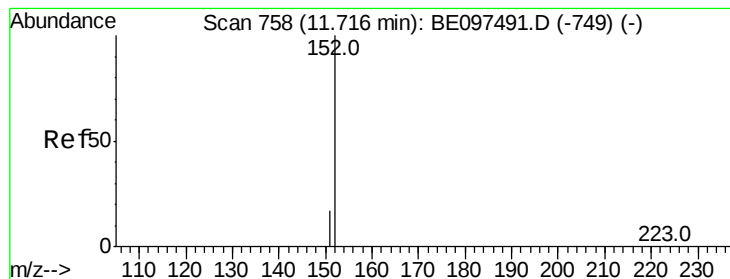


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.582 ng

RT: 11.71 min Scan# 756

Delta R.T. -0.01 min

Lab File: BE097510.D

Acq: 17 Sep 2018 00:00

Instrument :

BNA_E

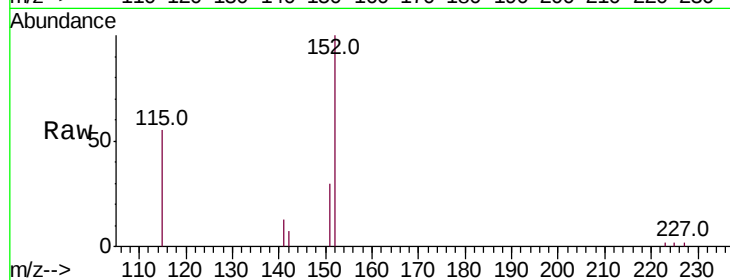
ClientSampleId :

Tot Ion:152 Resp: 4972

Ion Ratio Lower Upper

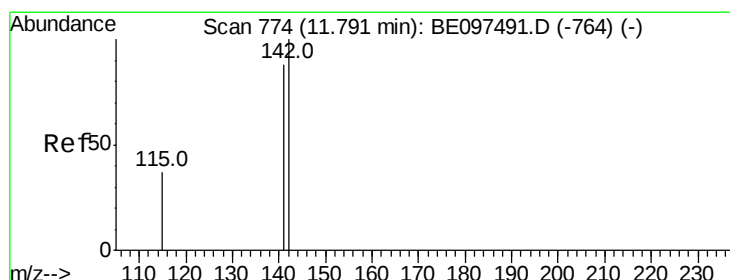
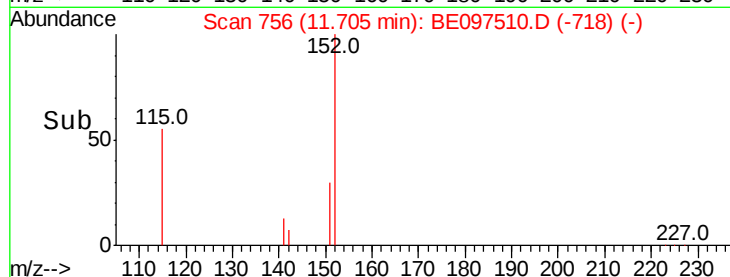
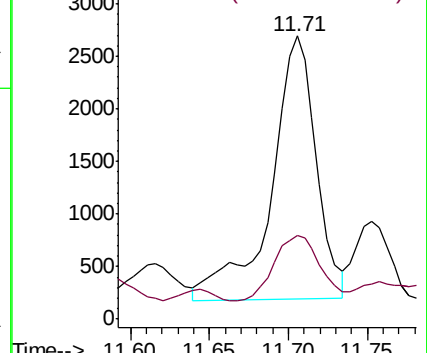
152 100

151 25.2 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: 68.956 ng

RT: 11.79 min Scan# 773

Delta R.T. -0.01 min

Lab File: BE097510.D

Acq: 17 Sep 2018 00:00

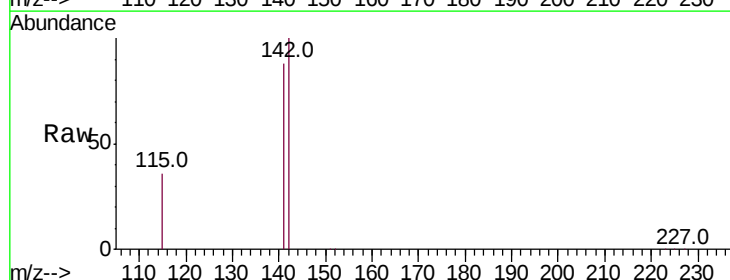
Tgt Ion:142 Resp: 598174

Ion Ratio Lower Upper

142 100

141 88.1 70.4 105.6

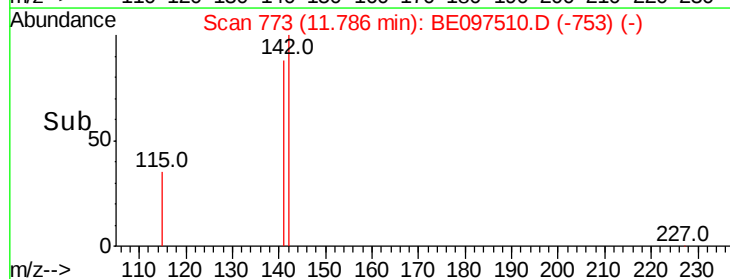
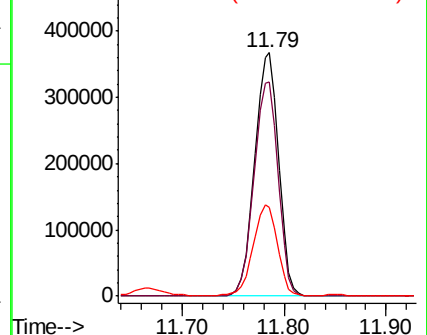
115 36.4 31.7 47.5

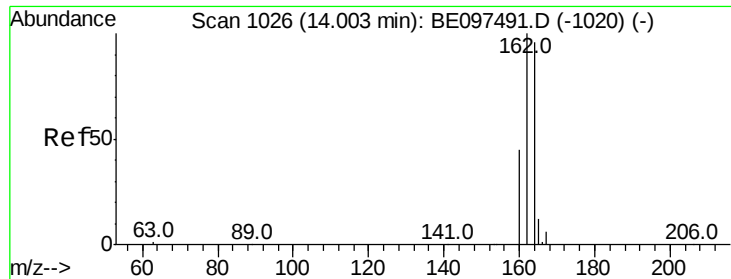


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

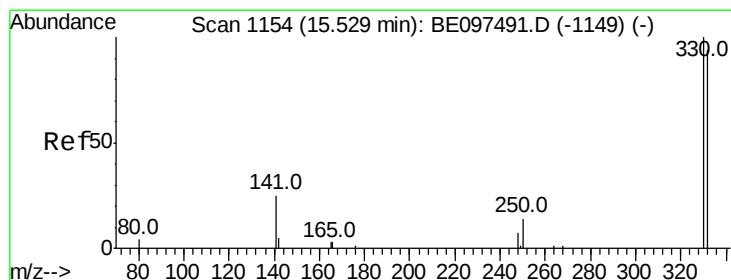
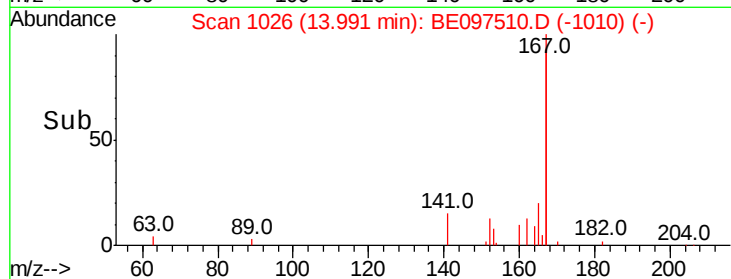
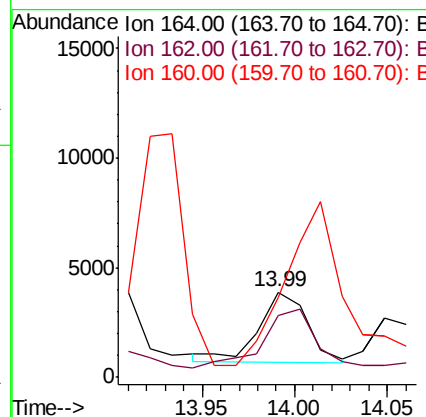
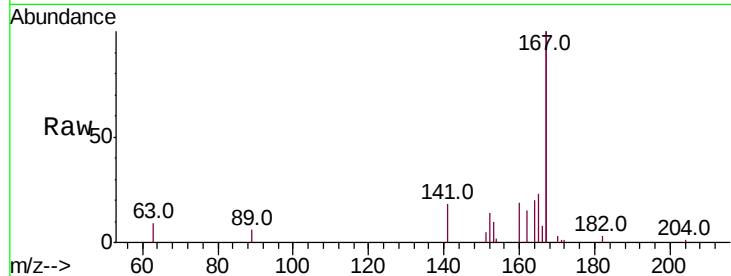




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 13.99 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE097510.D
 Acq: 17 Sep 2018 00:00

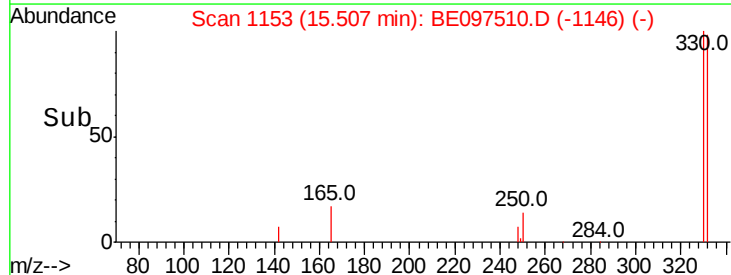
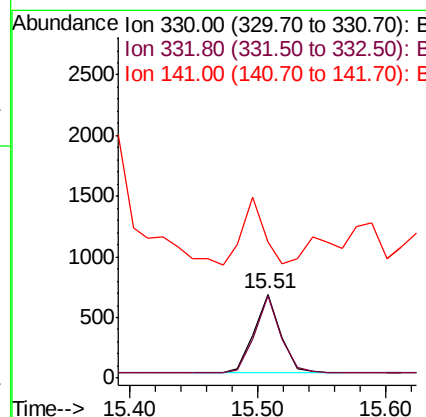
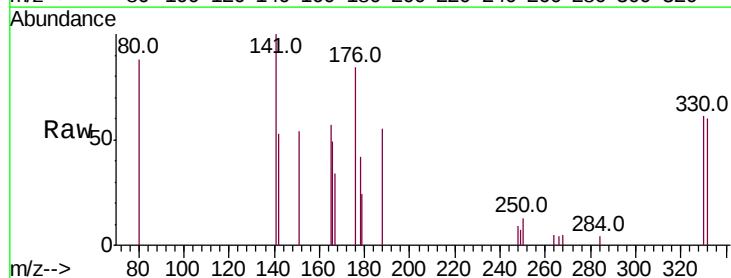
Instrument :
 BNA_E
 ClientSampled :

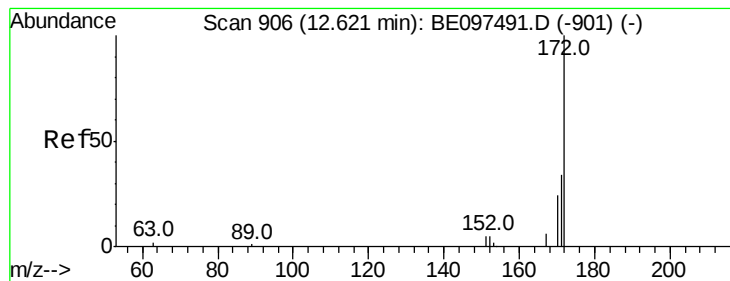
Tot Ion:164 Resp: 5782
 Ion Ratio Lower Upper
 164 100
 162 72.4 83.1 124.7#
 160 93.5 37.1 55.7#



#14
 2,4,6-Tribromophenol
 Concen: 0.301 ng
 RT: 15.51 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BE097510.D
 Acq: 17 Sep 2018 00:00

Tgt Ion:330 Resp: 920
 Ion Ratio Lower Upper
 330 100
 332 96.7 152.7 229.1#
 141 70.2 33.7 50.5#

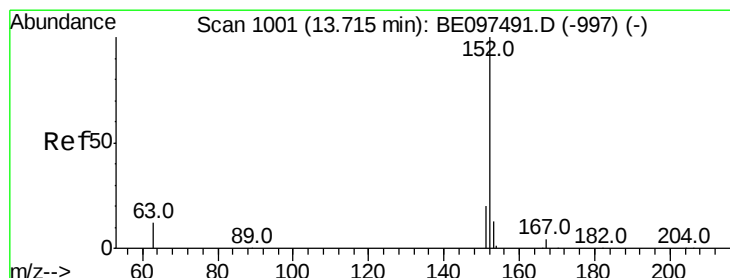
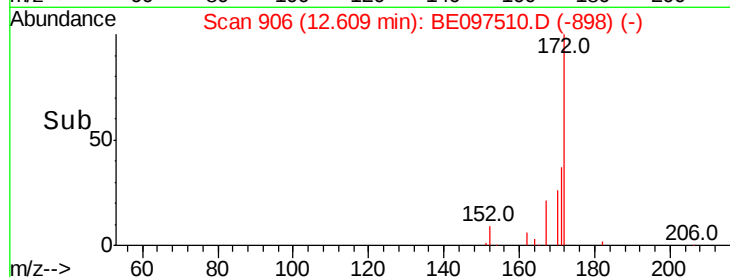
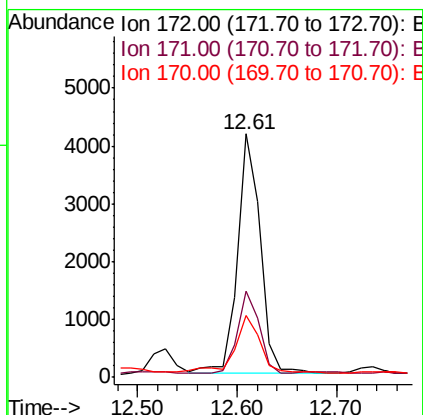
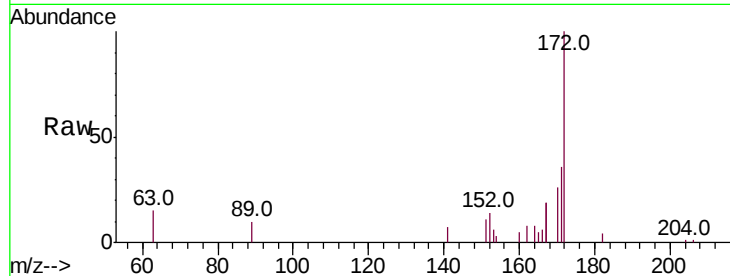




#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 12.61 min Scan# 906
Delta R.T. -0.01 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

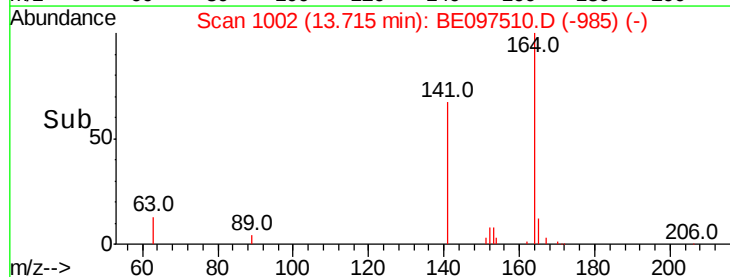
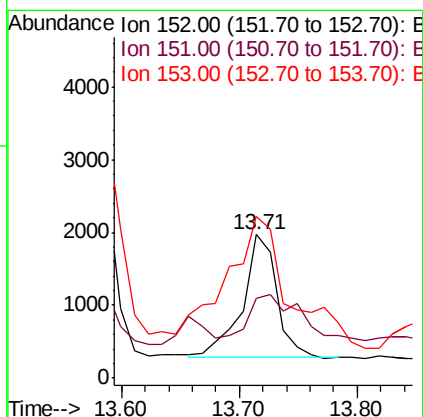
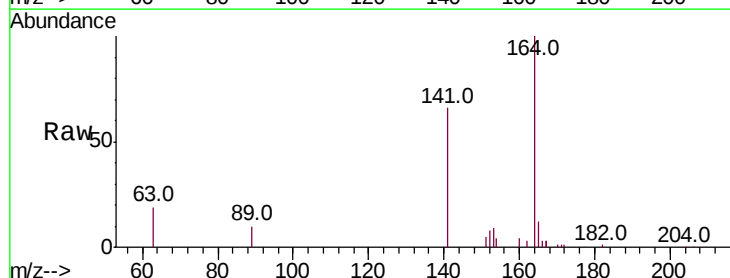
Instrument :
BNA_E
ClientSampleId :

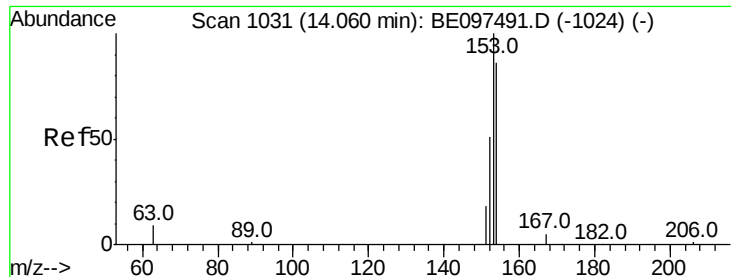
Tot Ion:172 Resp: 6527
Ion Ratio Lower Upper
172 100
171 35.6 29.9 44.9
170 25.6 21.8 32.8



#16
Acenaphthylene
Concen: 0.134 ng
RT: 13.71 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Tgt Ion:152 Resp: 3378
Ion Ratio Lower Upper
152 100
151 58.7 15.7 23.5#
153 205.2 10.5 15.7#





#17

Acenaphthene

Concen: 0.252 ng

RT: 14.06 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BE097510.D

Acq: 17 Sep 2018 00:00

Instrument :

BNA_E

ClientSampleId :

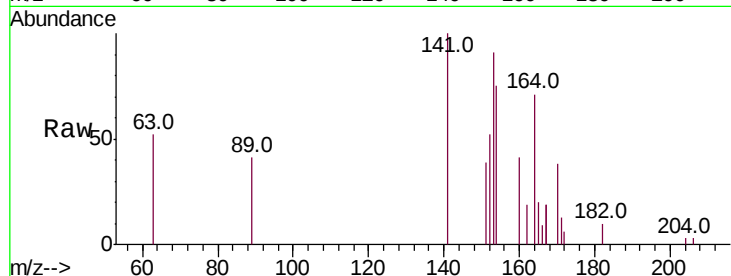
Tot Ion:154 Resp: 3904

Ion Ratio Lower Upper

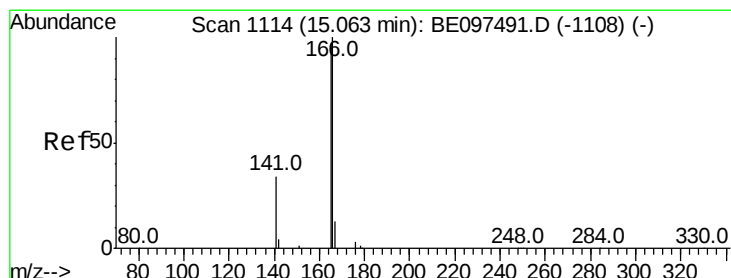
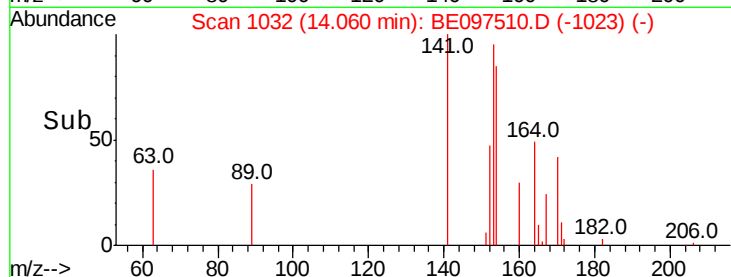
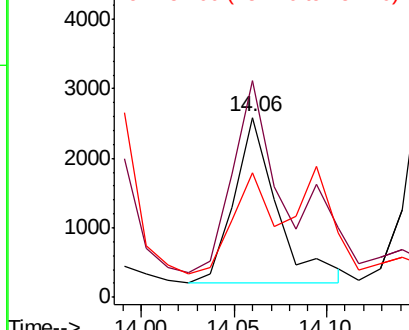
154 100

153 143.0 89.2 133.8#

152 52.8 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: 0.681 ng

RT: 15.05 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE097510.D

Acq: 17 Sep 2018 00:00

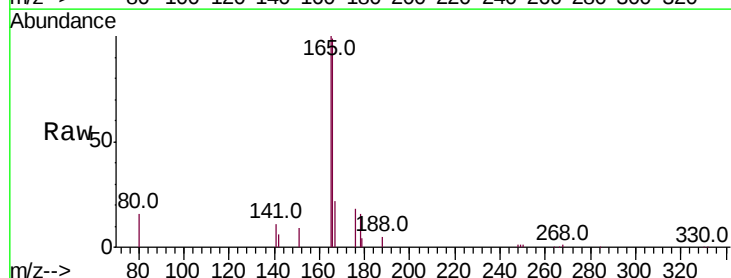
Tgt Ion:166 Resp: 13479

Ion Ratio Lower Upper

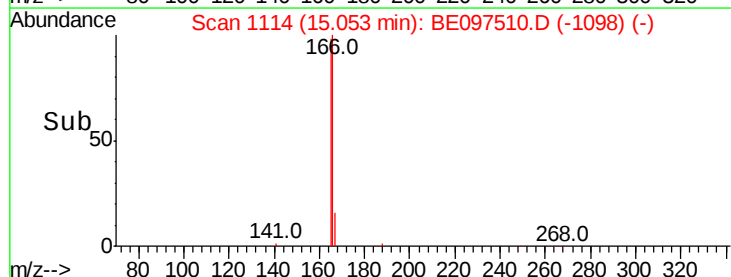
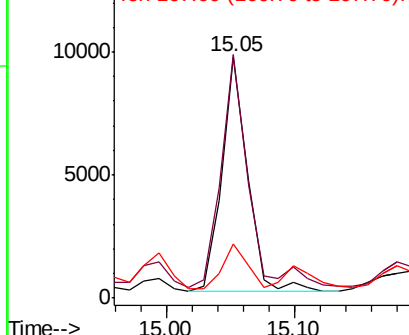
166 100

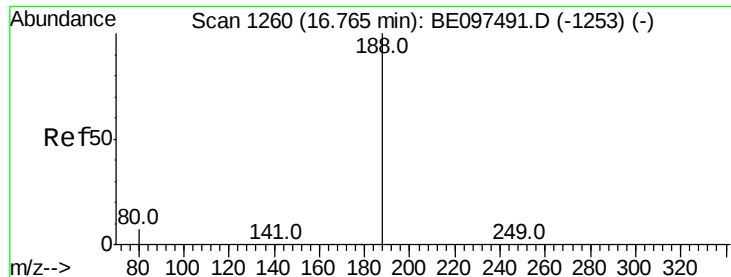
165 97.6 77.8 116.6

167 18.3 42.4 63.6#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BE097510.D

Acq: 17 Sep 2018 00:00

Instrument :

BNA_E

ClientSampleId :

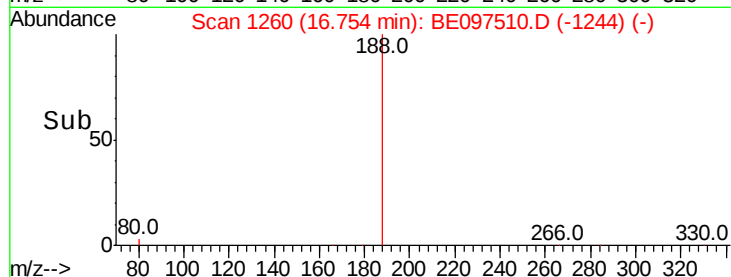
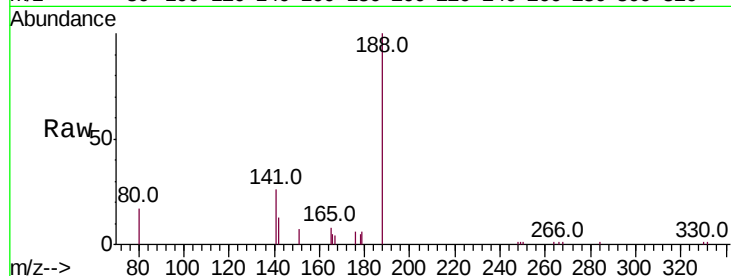
Tot Ion:188 Resp: 9396

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

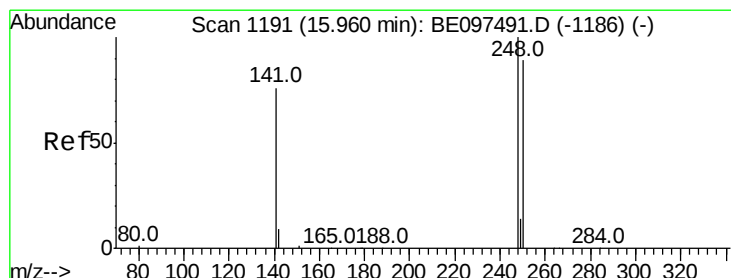
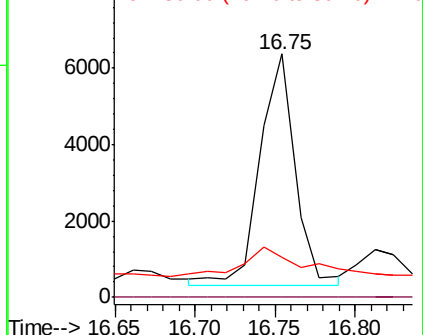
80 16.7 3.6 5.4#



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: 0.004 ng

RT: 15.93 min Scan# 1189

Delta R.T. -0.03 min

Lab File: BE097510.D

Acq: 17 Sep 2018 00:00

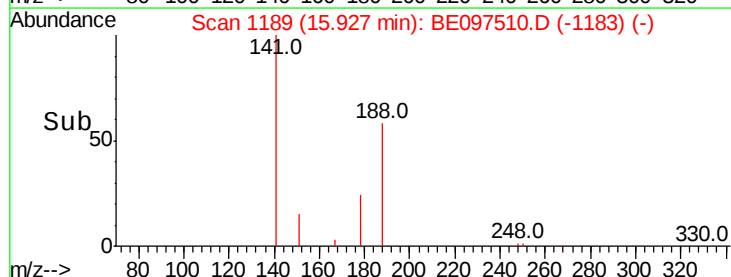
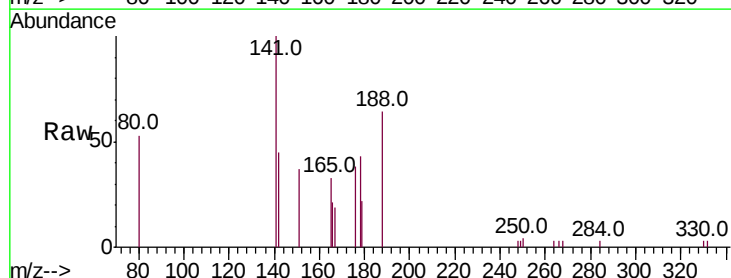
Tgt Ion:248 Resp: 20

Ion Ratio Lower Upper

248 100

250 111.9 62.7 94.1#

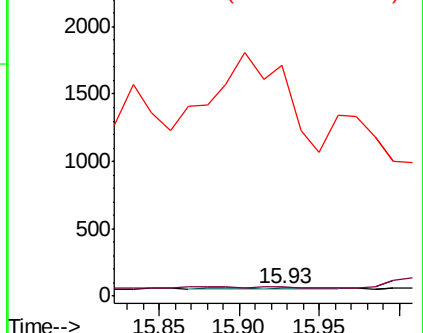
141 2905.1 48.2 72.2#

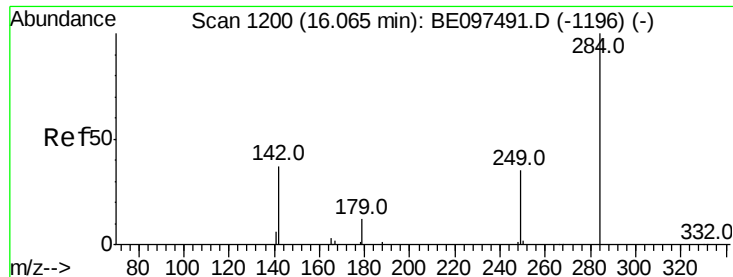


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.002 ng

RT: 16.05 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BE097510.D

Acq: 17 Sep 2018 00:00

Instrument :

BNA_E

ClientSampled :

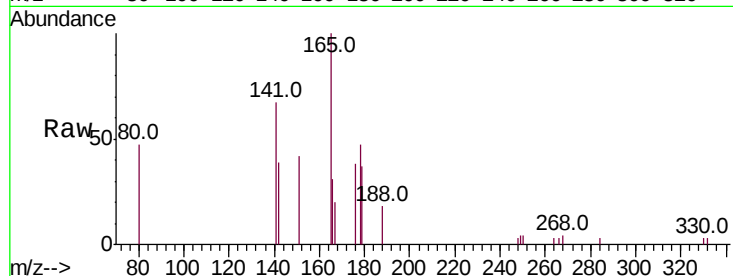
Tot Ion:284 Resp: 10

Ion Ratio Lower Upper

284 100

142 0.0 22.1 33.1#

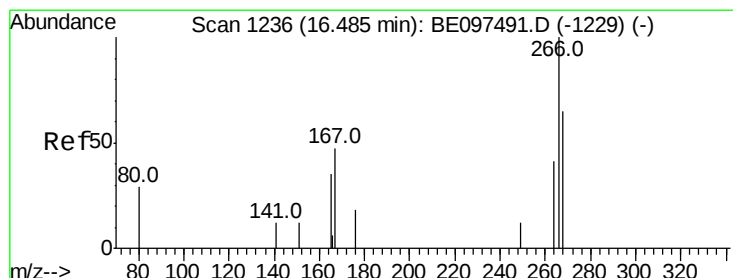
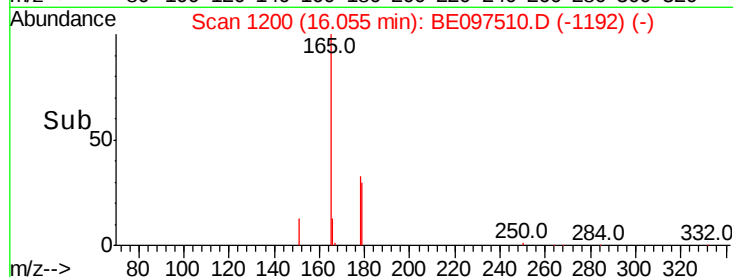
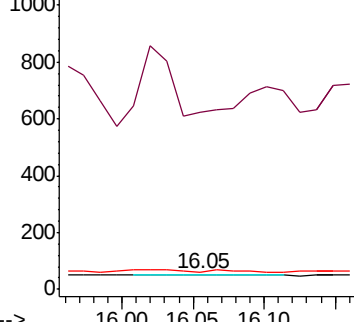
249 110.0 34.8 52.2#



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: 0.120 ng

RT: 16.42 min Scan# 1231

Delta R.T. -0.07 min

Lab File: BE097510.D

Acq: 17 Sep 2018 00:00

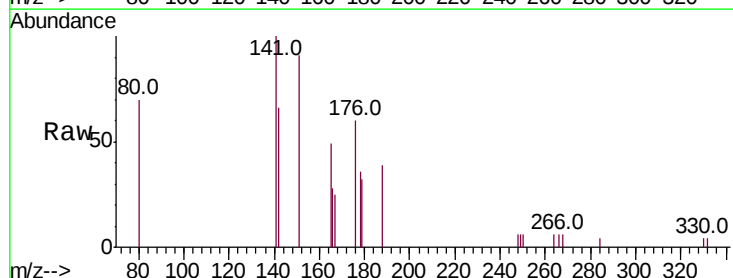
Tgt Ion:266 Resp: 47

Ion Ratio Lower Upper

266 100

264 89.2 72.5 108.7

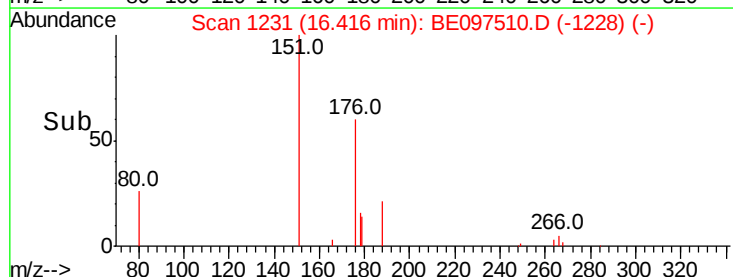
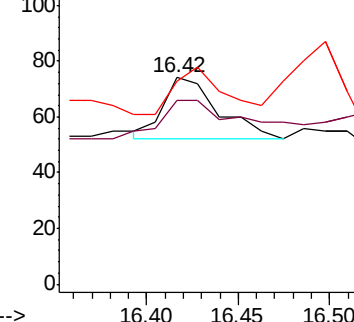
268 98.6 73.8 110.6

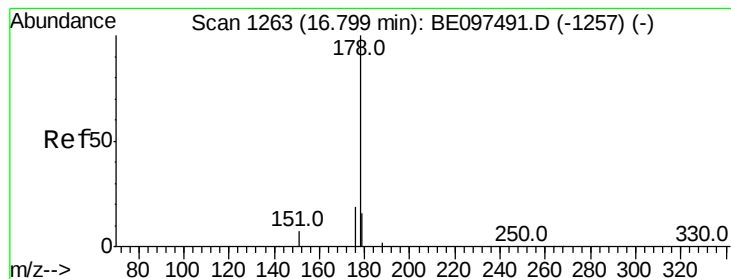


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.183 ng

RT: 16.79 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE097510.D

Acq: 17 Sep 2018 00:00

Instrument :

BNA_E

ClientSampleId :

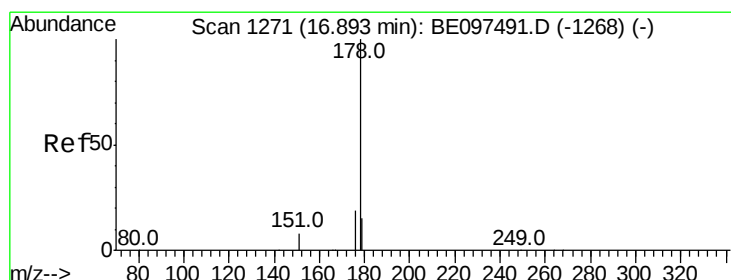
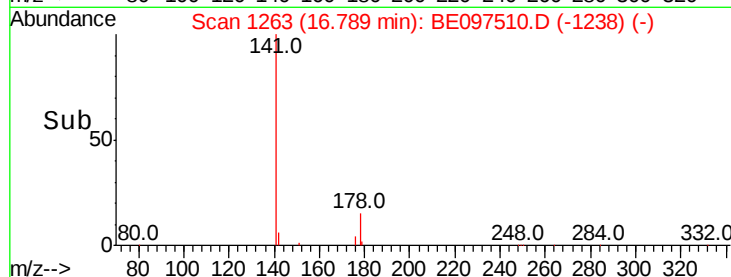
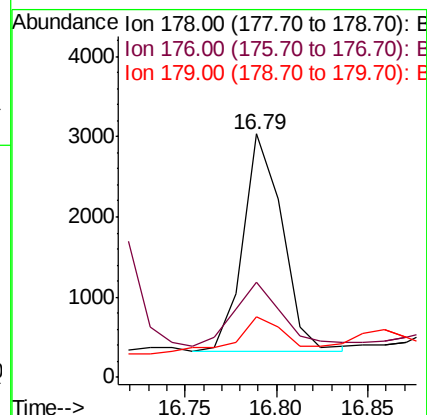
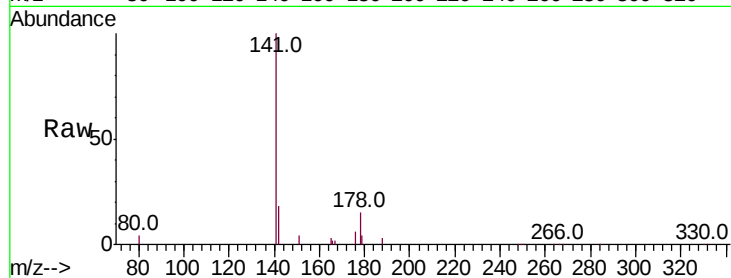
Tot Ion:178 Resp: 4044

Ion Ratio Lower Upper

178 100

176 35.3 15.1 22.7#

179 23.2 11.8 17.6#



#24

Anthracene

Concen: 0.023 ng

RT: 16.88 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BE097510.D

Acq: 17 Sep 2018 00:00

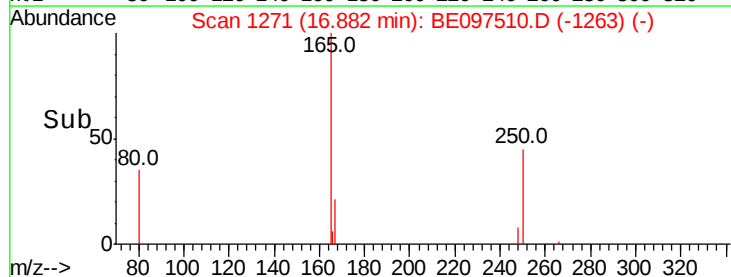
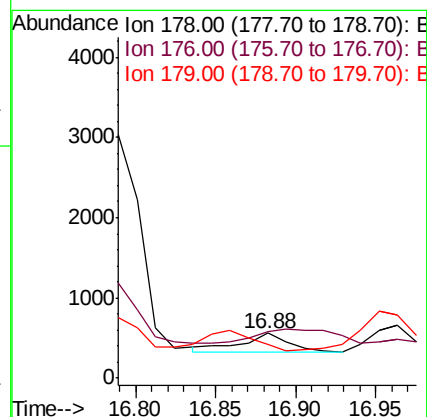
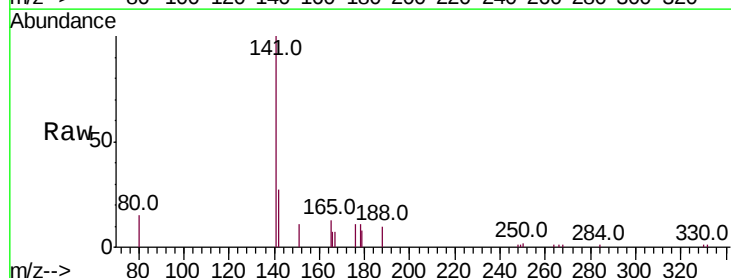
Tgt Ion:178 Resp: 472

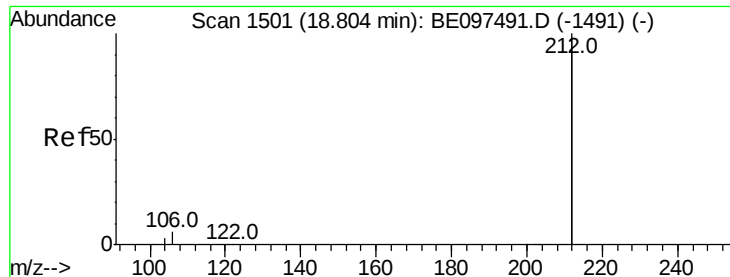
Ion Ratio Lower Upper

178 100

176 122.5 12.8 19.2#

179 0.0 13.0 19.6#





#25

Fluoranthene-d10

Concen: 0.420 ng

RT: 18.80 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BE097510.D

Acq: 17 Sep 2018 00:00

Instrument :

BNA_E

ClientSampleId :

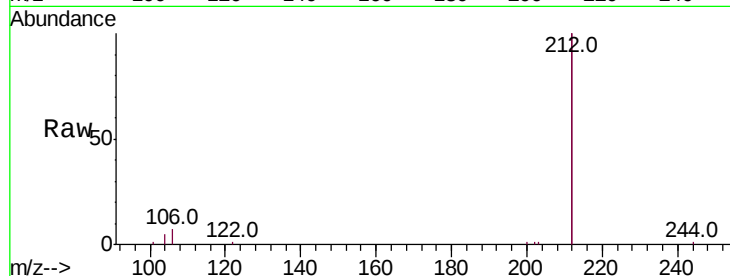
Tot Ion:212 Resp: 47449

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

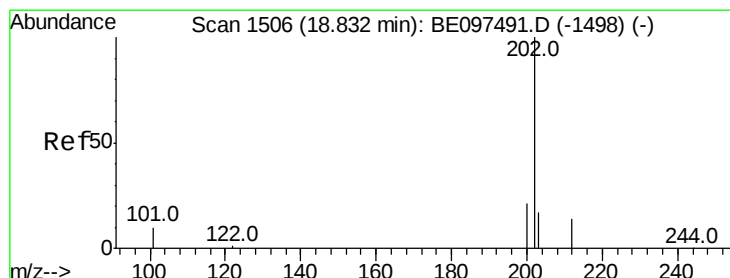
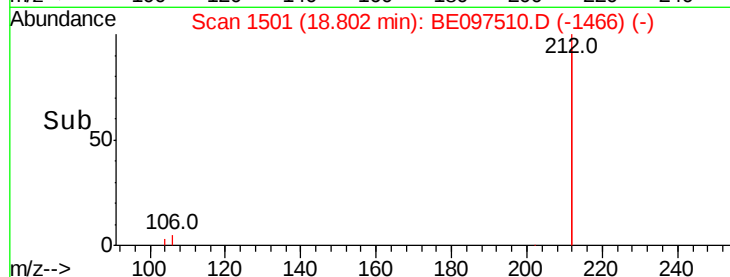
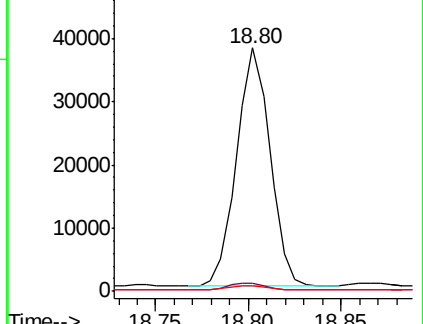
104 1.7 1.6 2.4



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: 0.012 ng

RT: 18.83 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BE097510.D

Acq: 17 Sep 2018 00:00

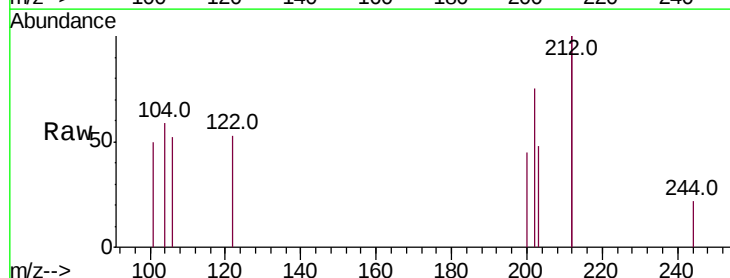
Tgt Ion:202 Resp: 356

Ion Ratio Lower Upper

202 100

101 0.0 9.8 14.8#

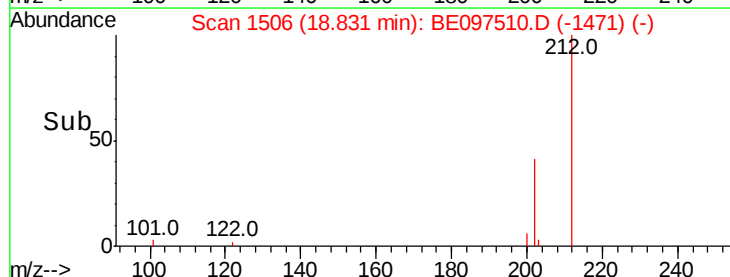
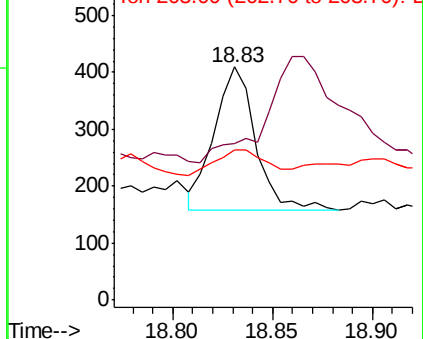
203 23.0 13.7 20.5#

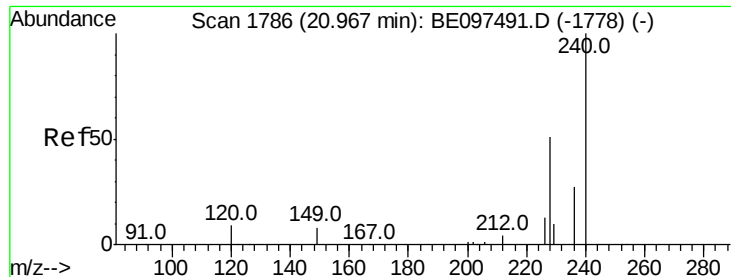


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE097510.D

Acq: 17 Sep 2018 00:00

Instrument :

BNA_E

ClientSampled :

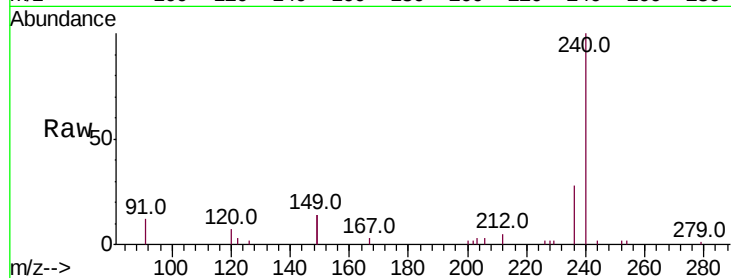
Tot Ion:240 Resp: 9884

Ion Ratio Lower Upper

240 100

120 6.9 5.5 8.3

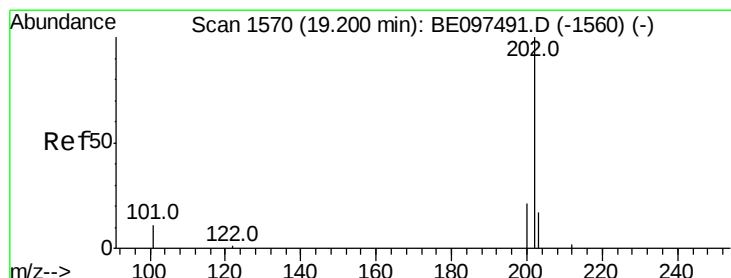
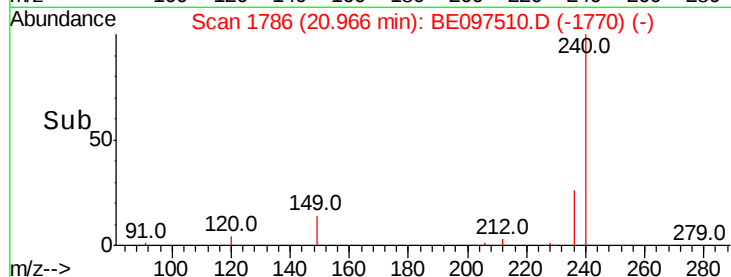
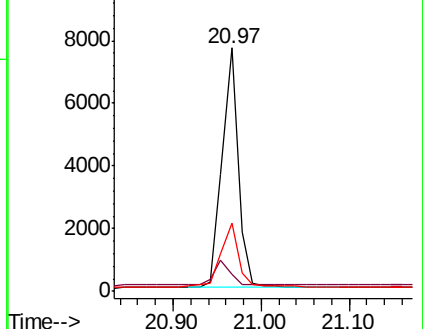
236 27.8 20.7 31.1



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: 0.018 ng

RT: 19.19 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BE097510.D

Acq: 17 Sep 2018 00:00

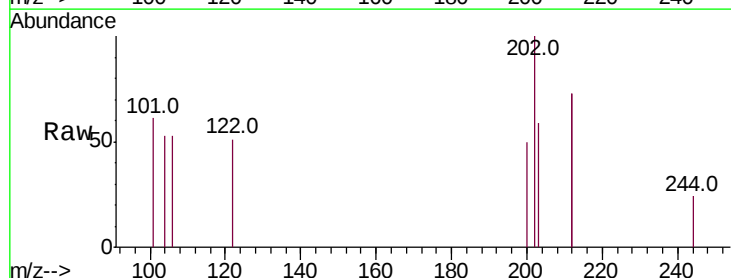
Tgt Ion:202 Resp: 455

Ion Ratio Lower Upper

202 100

200 21.5 16.6 25.0

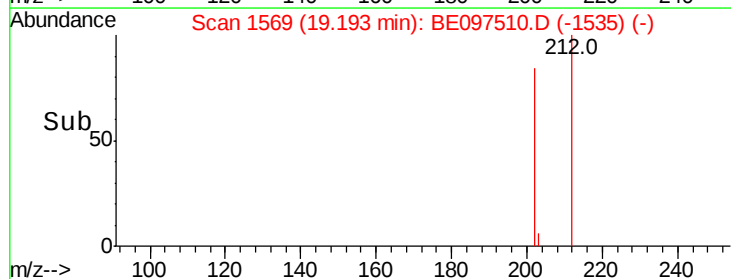
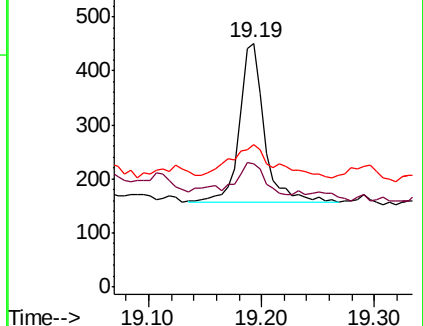
203 35.2 13.8 20.8#

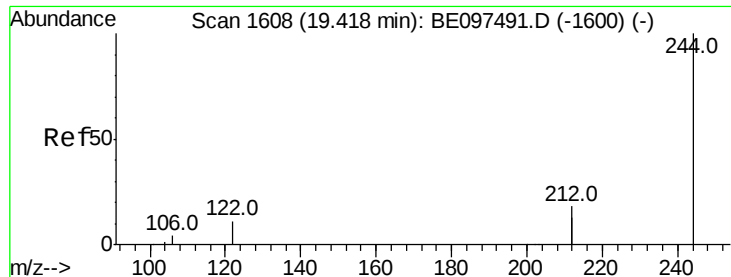


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.527 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BE097510.D

Acq: 17 Sep 2018 00:00

Instrument :

BNA_E

ClientSampled :

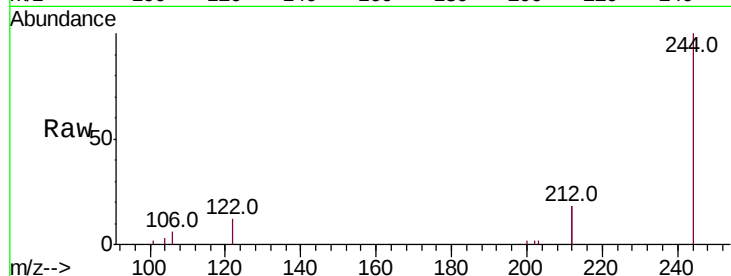
Tot Ion:244 Resp: 9959

Ion Ratio Lower Upper

244 100

212 36.2 25.4 38.0

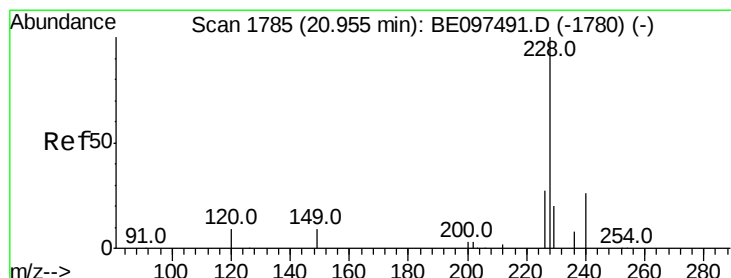
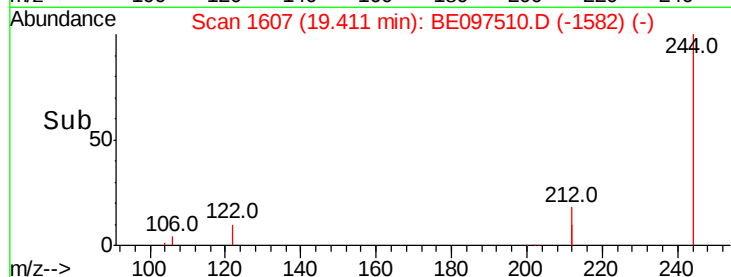
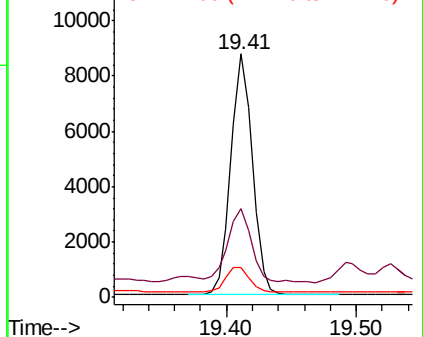
122 12.2 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.006 ng

RT: 20.95 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BE097510.D

Acq: 17 Sep 2018 00:00

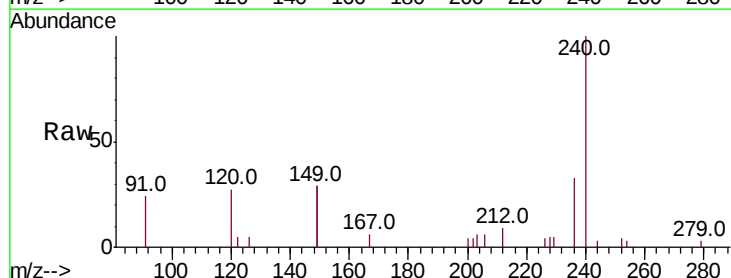
Tgt Ion:228 Resp: 146

Ion Ratio Lower Upper

228 100

226 79.4 24.0 36.0#

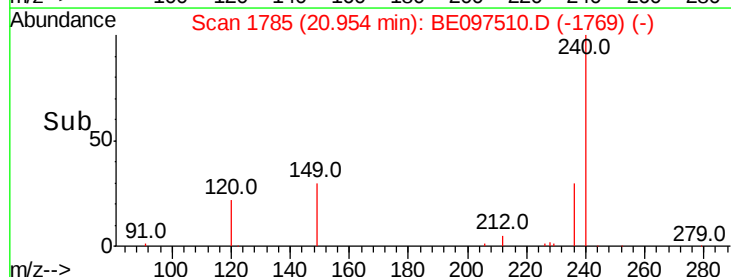
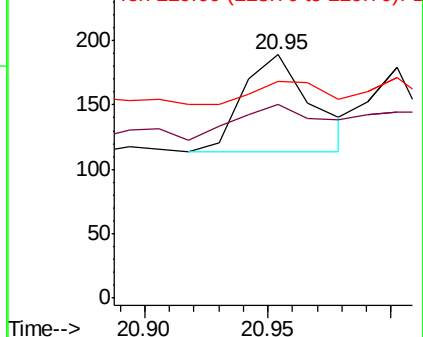
229 88.9 16.0 24.0#

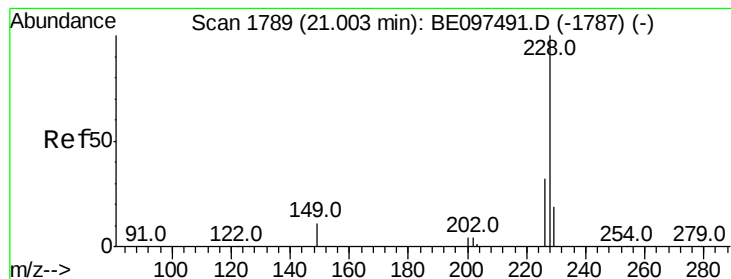


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.003 ng

RT: 21.00 min Scan# 1789

Delta R.T. -0.00 min

Lab File: BE097510.D

Acq: 17 Sep 2018 00:00

Instrument :

BNA_E

ClientSampled :

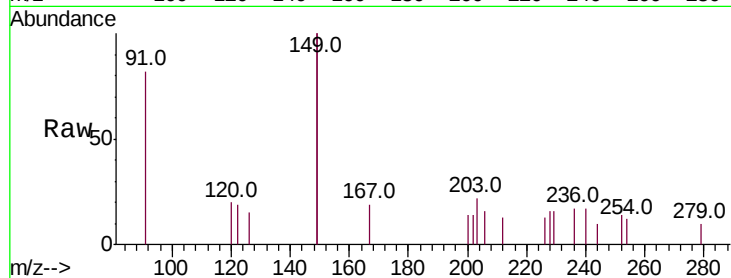
Tot Ion:228 Resp: 84

Ion Ratio Lower Upper

228 100

226 80.4 24.0 36.0#

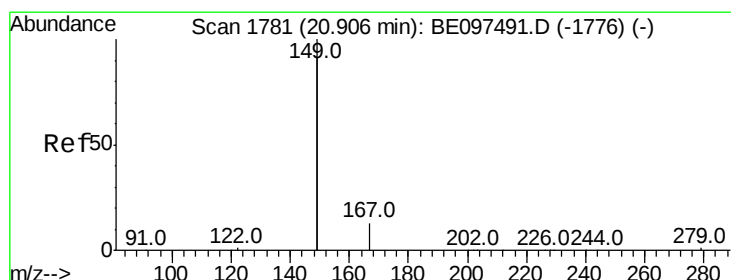
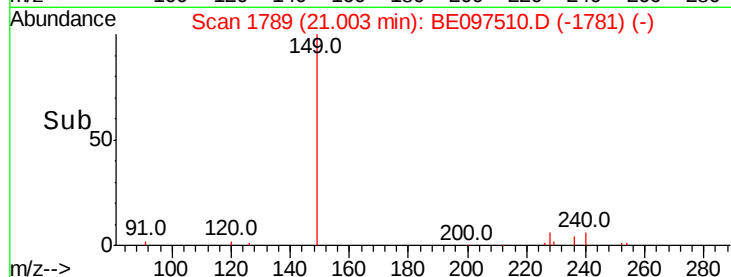
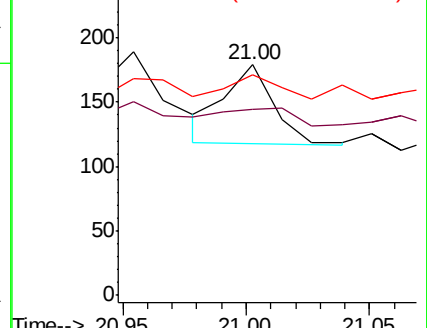
229 95.5 16.0 24.0#



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: 0.232 ng

RT: 20.91 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE097510.D

Acq: 17 Sep 2018 00:00

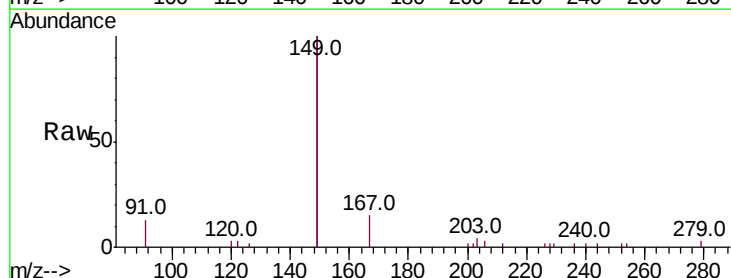
Tgt Ion:149 Resp: 12832

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

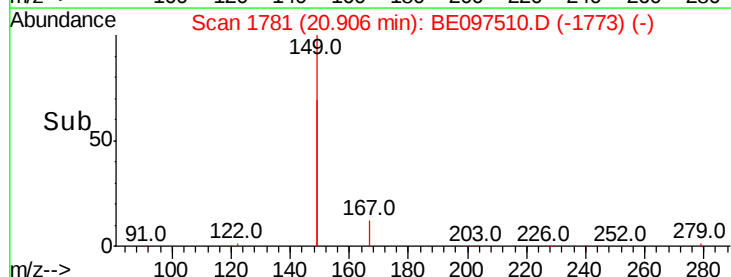
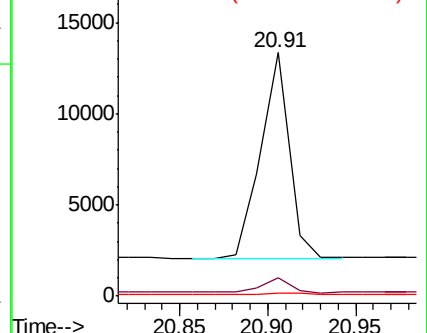
279 1.2 0.7 1.1#

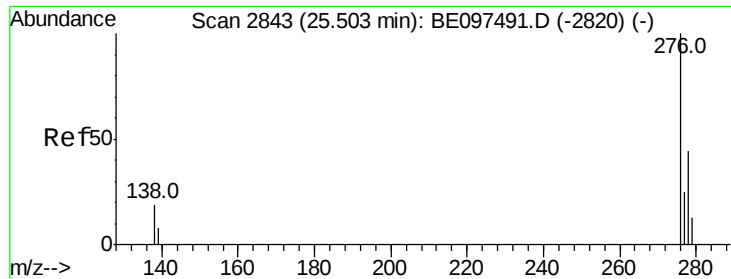


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

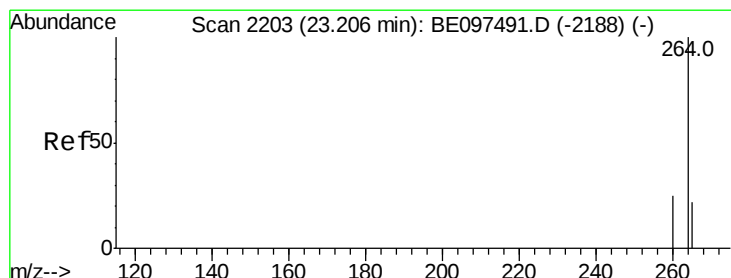
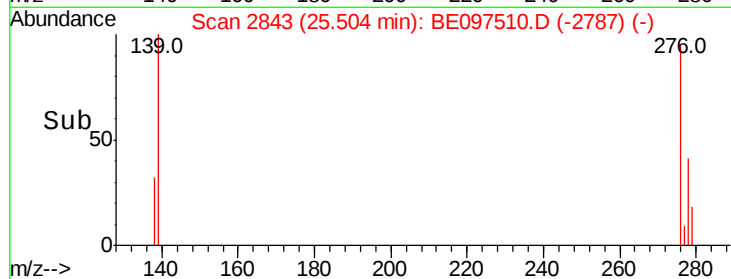
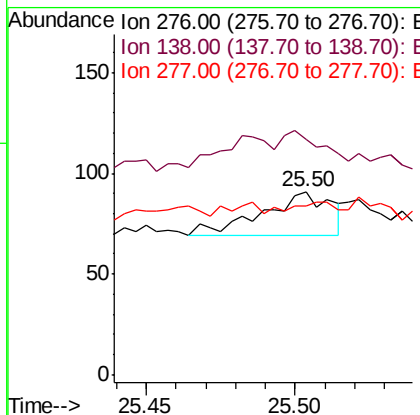
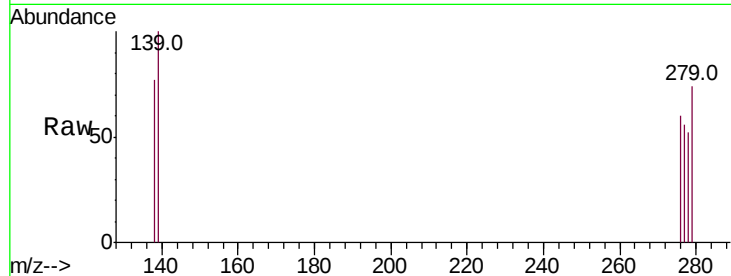




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.001 ng
 RT: 25.50 min Scan# 2843
 Delta R.T. 0.00 min
 Lab File: BE097510.D
 Acq: 17 Sep 2018 00:00

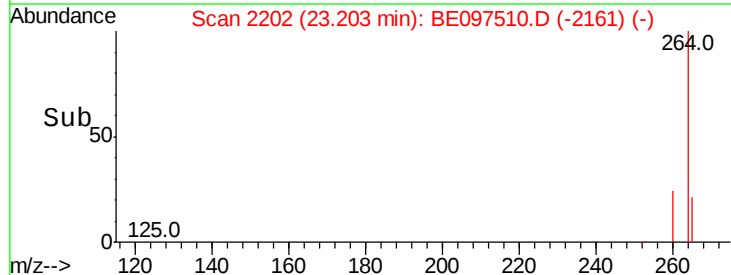
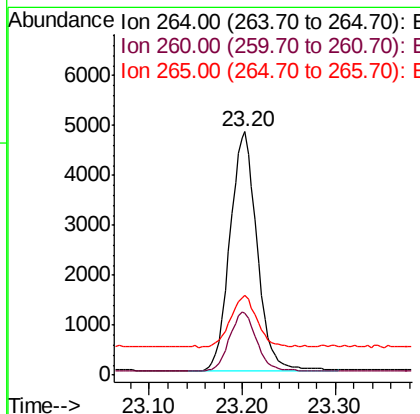
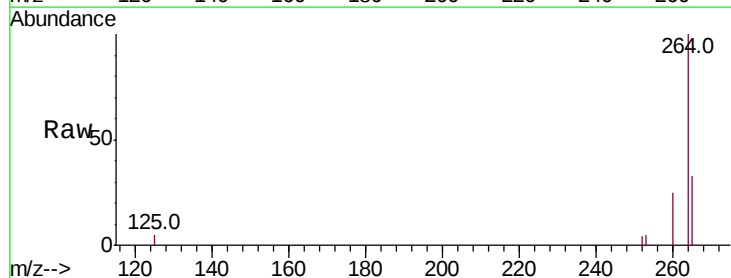
Instrument :
 BNA_E
 ClientSampleId :

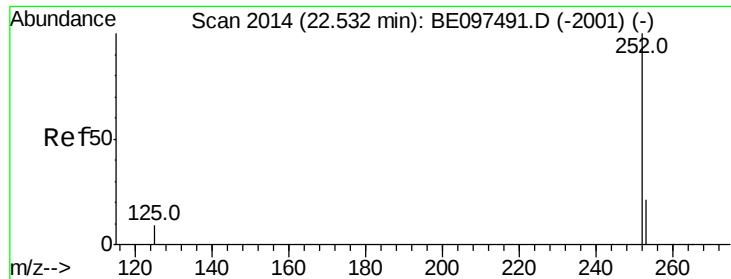
Tot Ion:276 Resp: 35
 Ion Ratio Lower Upper
 276 100
 138 40.0 22.5 33.7#
 277 22.9 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BE097510.D
 Acq: 17 Sep 2018 00:00

Tgt Ion:264 Resp: 9659
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.5 30.7
 265 32.5 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.004 ng

RT: 22.53 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE097510.D

Acq: 17 Sep 2018 00:00

Instrument :

BNA_E

ClientSampleId :

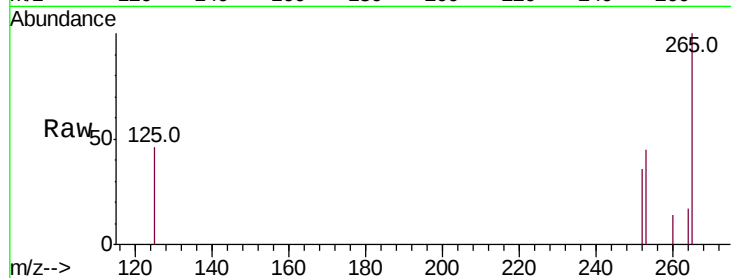
Tot Ion:252 Resp: 95

Ion Ratio Lower Upper

252 100

253 125.1 20.0 30.0#

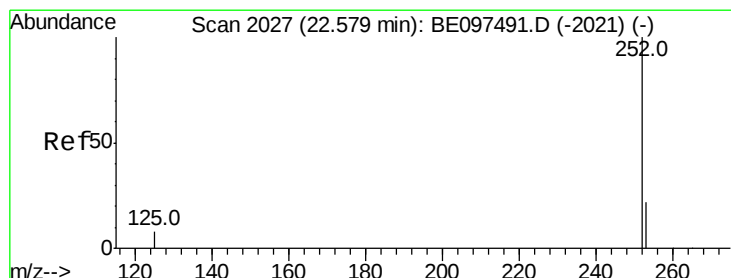
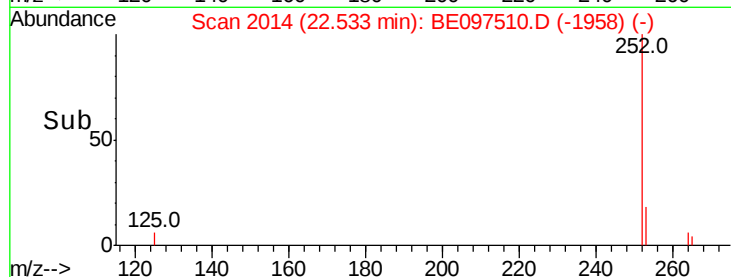
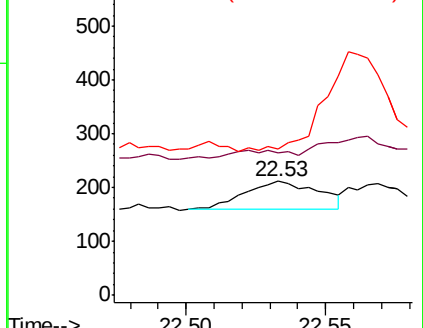
125 128.9 16.0 24.0#



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: 0.003 ng

RT: 22.57 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BE097510.D

Acq: 17 Sep 2018 00:00

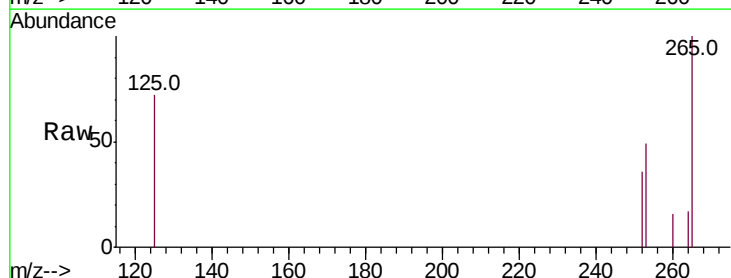
Tgt Ion:252 Resp: 77

Ion Ratio Lower Upper

252 100

253 135.7 16.0 24.0#

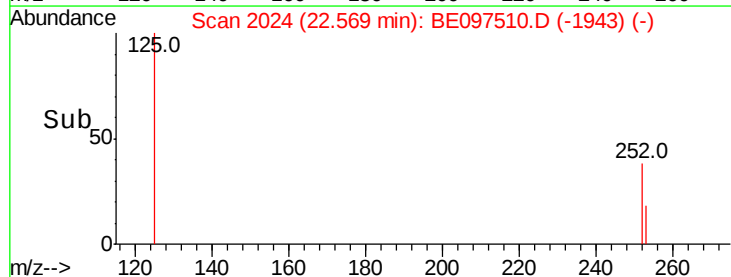
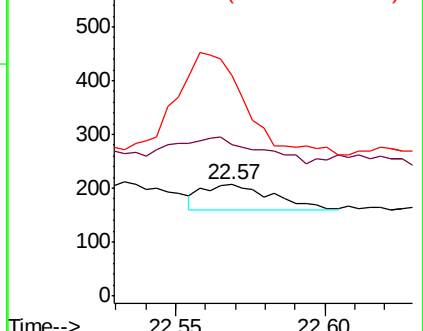
125 197.6 8.0 12.0#

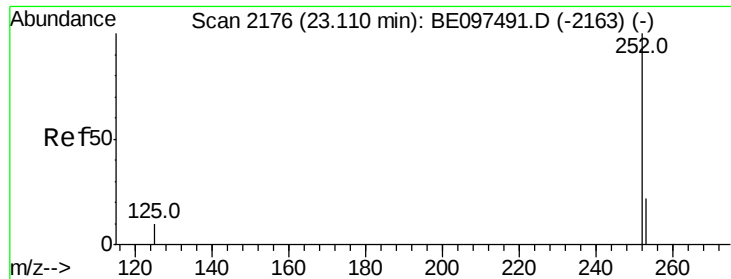


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.002 ng

RT: 23.10 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BE097510.D

Acq: 17 Sep 2018 00:00

Instrument :

BNA_E

ClientSampleId :

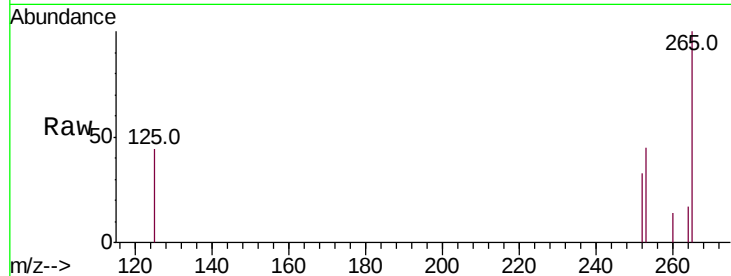
Tot Ion:252 Resp: 54

Ion Ratio Lower Upper

252 100

253 138.7 16.0 24.0#

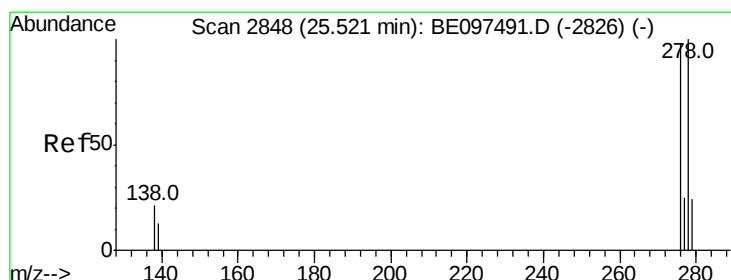
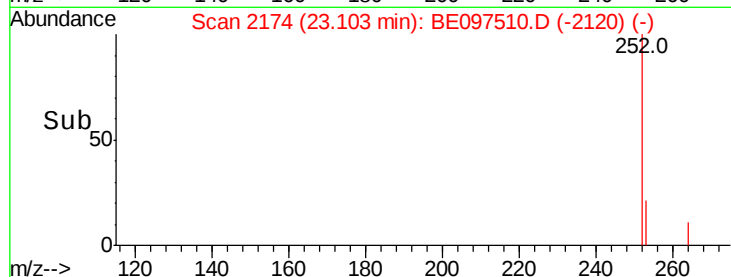
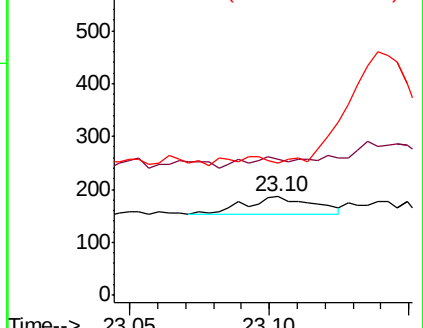
125 134.4 12.0 18.0#



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: 0.000 ng

RT: 25.52 min Scan# 2847

Delta R.T. -0.00 min

Lab File: BE097510.D

Acq: 17 Sep 2018 00:00

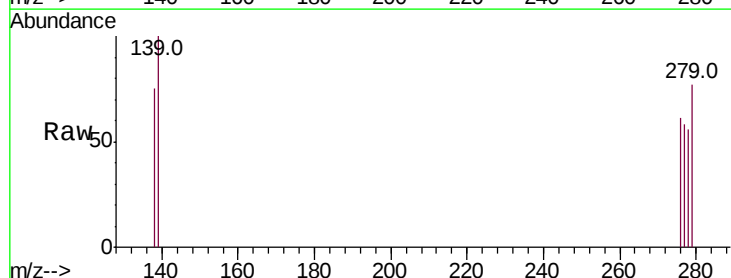
Tgt Ion:278 Resp: 7

Ion Ratio Lower Upper

278 100

139 178.5 16.0 24.0#

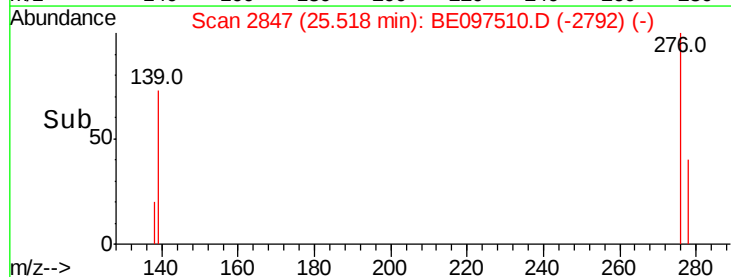
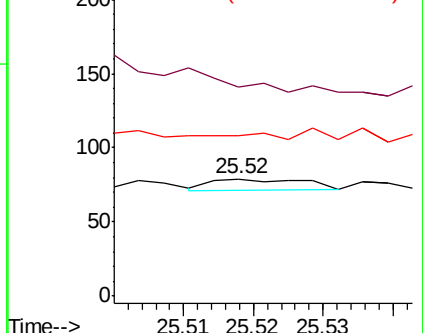
279 136.7 20.0 30.0#

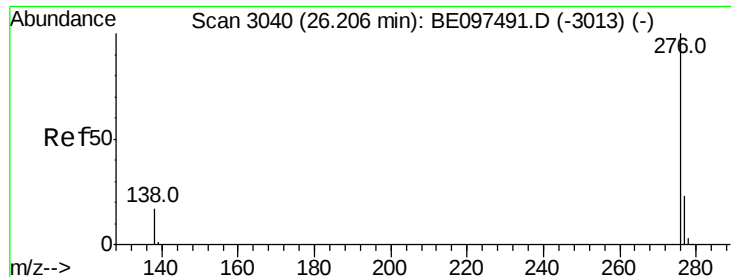


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.003 ng

RT: 26.22 min Scan# 3043

Delta R.T. 0.01 min

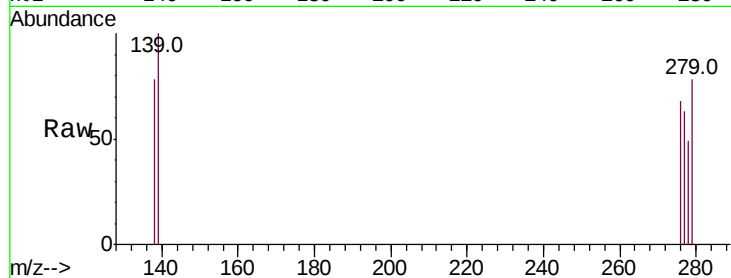
Lab File: BE097510.D

Acq: 17 Sep 2018 00:00

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 74

Ion Ratio Lower Upper

276 100

277 92.6 16.0 24.0#

138 113.8 20.0 30.0#

