

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
 Data File : BE097513.D
 Acq On : 18 Sep 2018 1:50
 Operator : SJ/JU
 Sample : J4741-36
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 18 05:53:33 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	7.38	152	909	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4392	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2627	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7280	0.40	ng	-0.01
27) Chrysene-d12	20.97	240	8983	0.40	ng	0.00
34) Perylene-d12	23.20	264	8978	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	661	0.21	ng	0.00
5) Phenol-d6	6.61	99	493	0.13	ng	0.00
8) Nitrobenzene-d5	8.52	82	1672	0.47	ng	-0.01
11) 2-Methylnaphthalene-d10	11.71	152	3160	0.50	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	659	0.47	ng	-0.01
15) 2-Fluorobiphenyl	12.62	172	5412	0.59	ng	0.00
25) Fluoranthene-d10	18.80	212	45825	0.52	ng	0.00
29) Terphenyl-d14	19.41	244	10102	0.59	ng	0.00

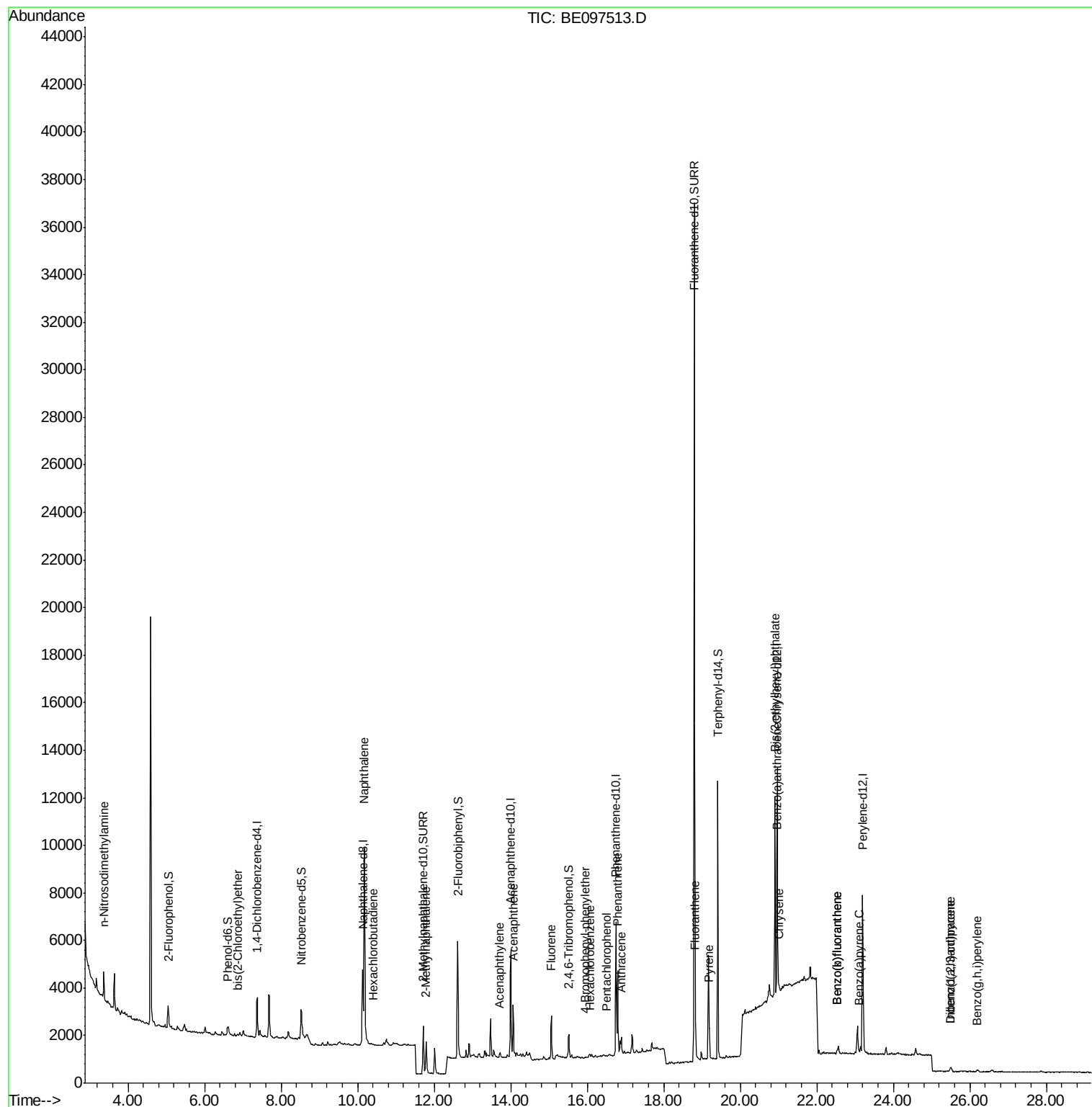
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.36	42	156	0.119	ng	# 1
6) bis(2-Chloroethyl)ether	6.86	93	6	0.002	ng	# 1
9) Naphthalene	10.17	128	15553	0.390	ng	100
10) Hexachlorobutadiene	10.42	225	1	0.001	ng	# 17
12) 2-Methylnaphthalene	11.79	142	1133	0.178	ng	96
16) Acenaphthylene	13.72	152	181	0.016	ng	# 84
17) Acenaphthene	14.06	154	1070	0.152	ng	95
18) Fluorene	15.06	166	1434	0.159	ng	# 79
20) 4-Bromophenyl-phenylether	15.94	248	1	0.000	ng	# 36
21) Hexachlorobenzene	16.08	284	3	0.001	ng	# 26
22) Pentachlorophenol	16.51	266	4	0.047	ng	91
23) Phenanthrene	16.80	178	3940	0.230	ng	97
24) Anthracene	16.89	178	720	0.046	ng	# 77
26) Fluoranthene	18.83	202	1453	0.065	ng	# 94
28) Pyrene	19.19	202	1223	0.053	ng	# 95
30) Benzo(a)anthracene	20.95	228	332	0.014	ng	# 31
31) Chrysene	21.00	228	262	0.011	ng	# 28
32) Bis(2-ethylhexyl)phthalate	20.91	149	9189	0.183	ng	# 100
33) Indeno(1,2,3-cd)pyrene	25.50	276	164	0.006	ng	# 46
35) Benzo(b)fluoranthene	22.53	252	296	0.013	ng	# 1
36) Benzo(k)fluoranthene	22.53	252	296	0.012	ng	# 1
37) Benzo(a)pyrene	23.10	252	202	0.009	ng	# 1
38) Dibenzo(a,h)anthracene	25.50	278	6	0.000	ng	# 1
39) Benzo(g,h,i)perylene	26.21	276	178	0.007	ng	# 1

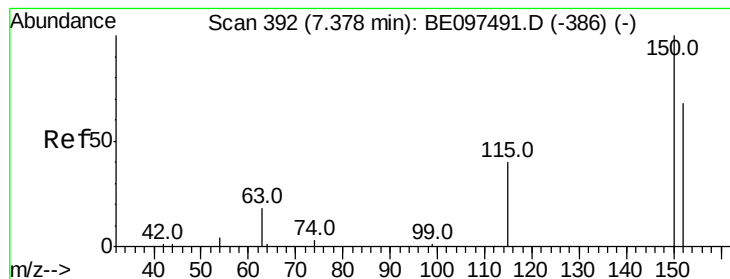
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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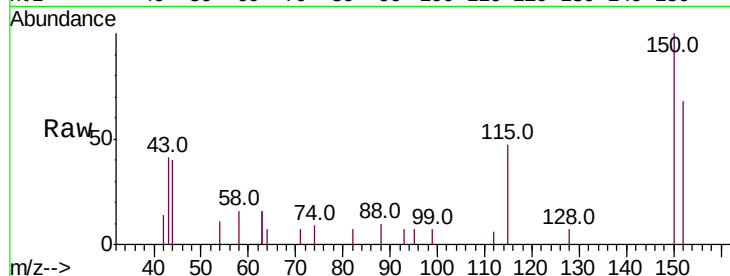


#1

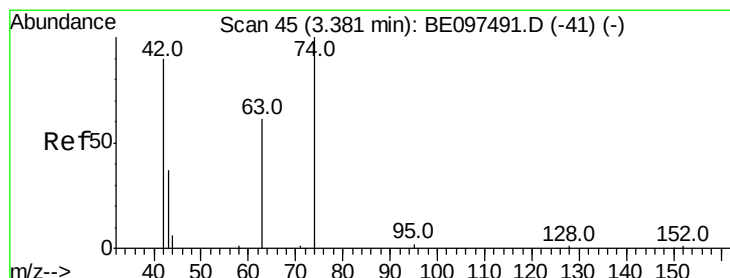
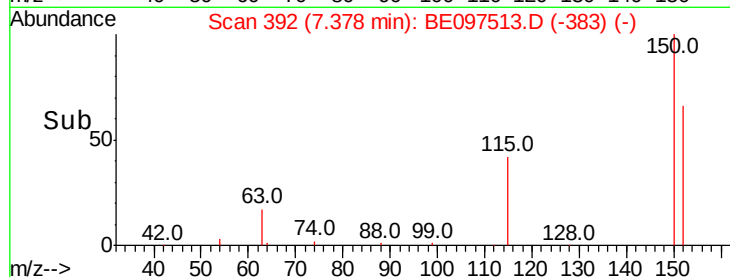
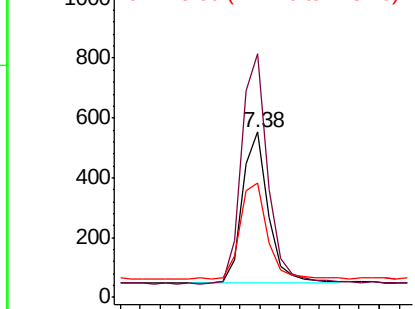
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097513.D
Acq: 18 Sep 2018 1:50

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 909
Ion Ratio Lower Upper
152 100
150 147.2 117.2 175.8
115 69.1 57.0 85.6



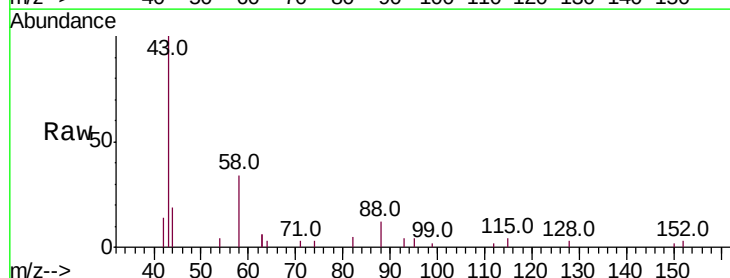
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



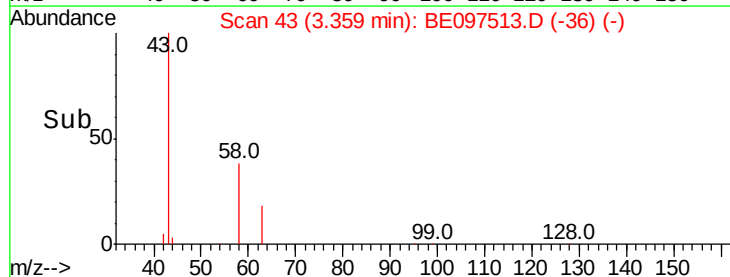
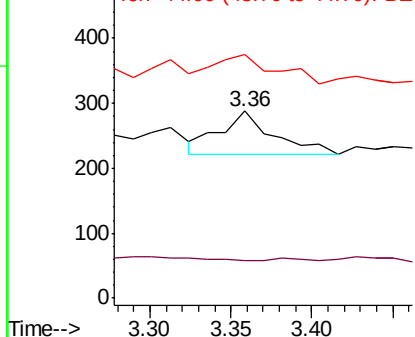
#3

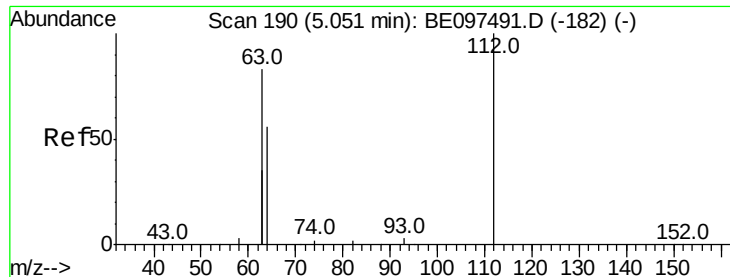
n-Nitrosodimethylamine
Concen: 0.119 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.02 min
Lab File: BE097513.D
Acq: 18 Sep 2018 1:50

Tgt Ion: 42 Resp: 156
Ion Ratio Lower Upper
42 100
74 0.0 96.0 144.0#
44 52.6 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: 0.215 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097513.D

Acq: 18 Sep 2018 1:50

Instrument :

BNA_E

ClientSampleId :

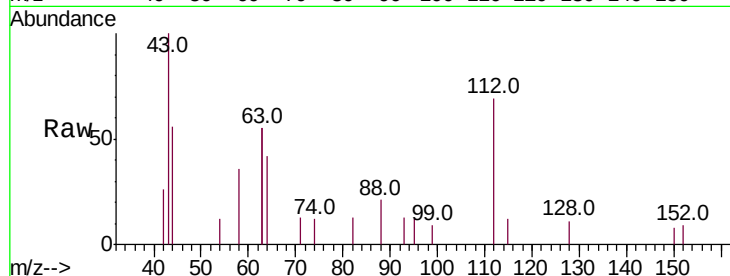
Tot Ion:112 Resp: 661

Ion Ratio Lower Upper

112 100

64 68.2 60.1 90.1

63 140.5 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

800

600

400

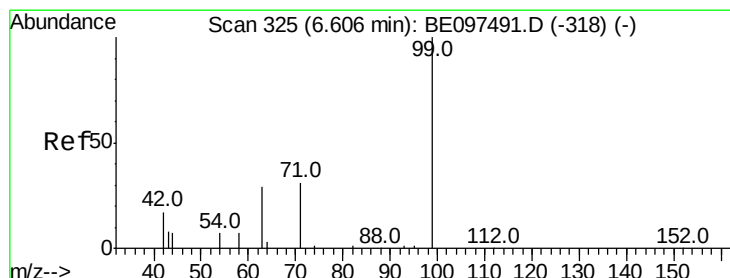
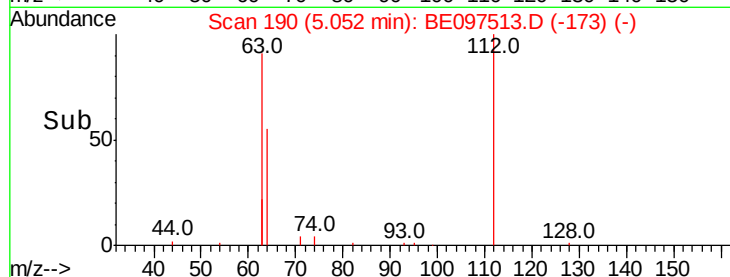
200

0

5.05

4.90 5.00 5.10 5.20

Time-->



#5

Phenol-d6

Concen: 0.126 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.00 min

Lab File: BE097513.D

Acq: 18 Sep 2018 1:50

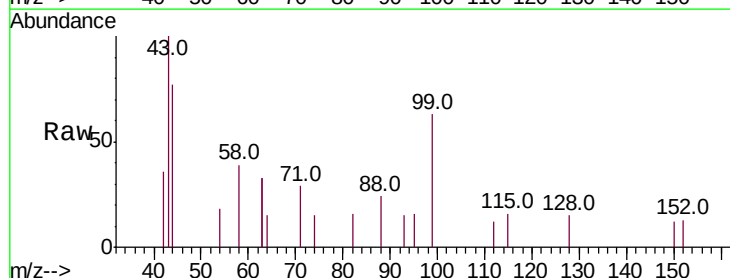
Tgt Ion: 99 Resp: 493

Ion Ratio Lower Upper

99 100

42 17.2 20.2 30.2#

71 37.3 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

300

200

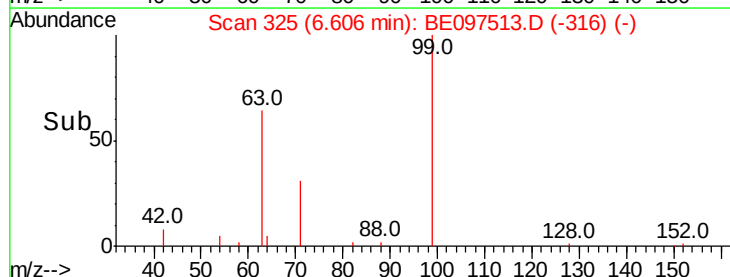
100

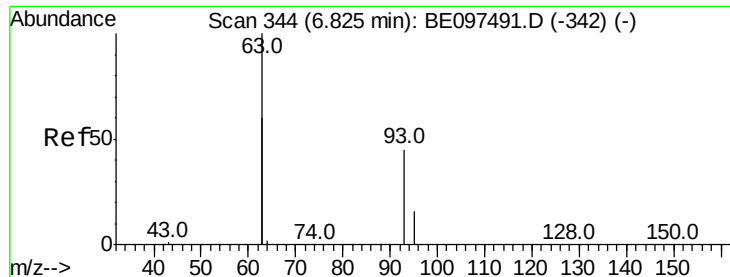
0

6.61

6.50 6.55 6.60 6.65 6.70

Time-->





#6

bis(2-Chloroethyl)ether

Concen: 0.002 ng

RT: 6.86 min Scan# 347

Delta R.T. 0.03 min

Lab File: BE097513.D

Acq: 18 Sep 2018 1:50

Instrument :

BNA_E

ClientSampleId :

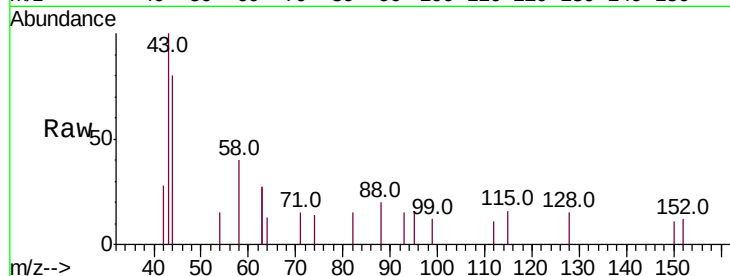
Tot Ion: 93 Resp: 6

Ion Ratio Lower Upper

93 100

63 0.0 275.3 412.9#

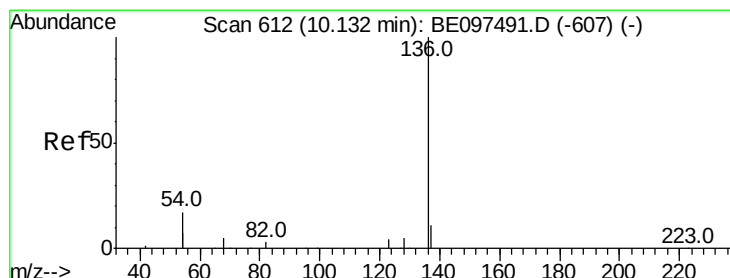
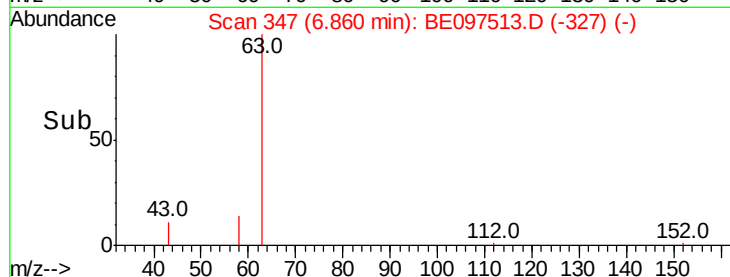
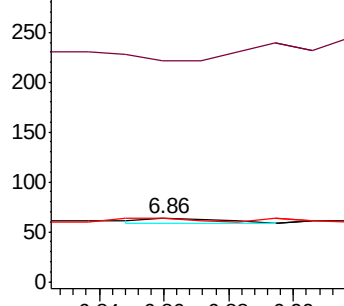
95 100.0 25.2 37.8#



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: BE097513.D

Acq: 18 Sep 2018 1:50

Tgt Ion: 136 Resp: 4392

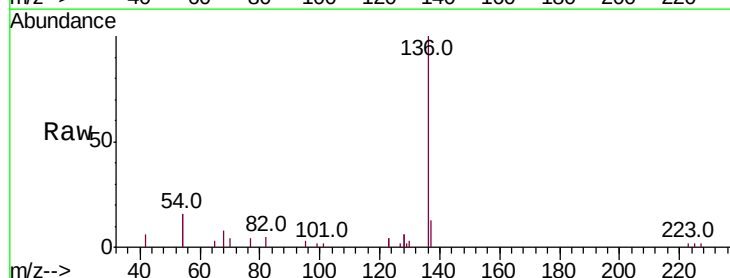
Ion Ratio Lower Upper

136 100

137 12.7 9.5 14.3

54 32.2 29.1 43.7

68 7.7 6.2 9.2

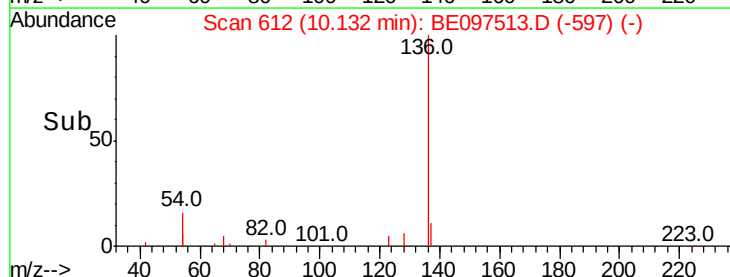
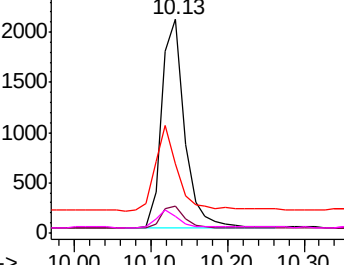


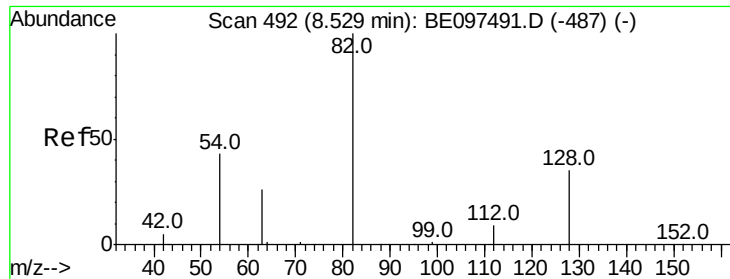
Abundance Ion 136.00 (135.70 to 136.70): E

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

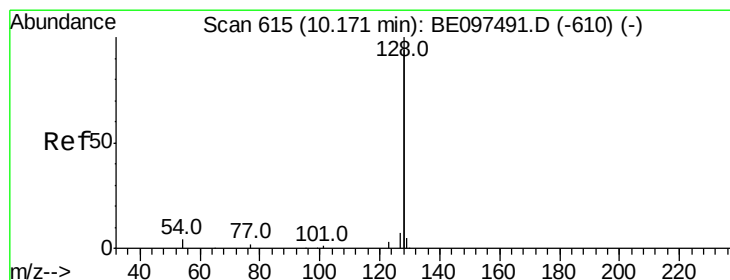
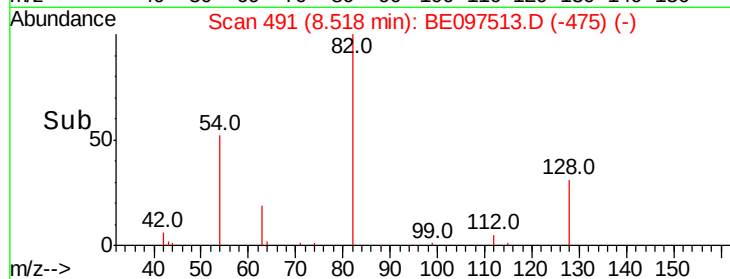
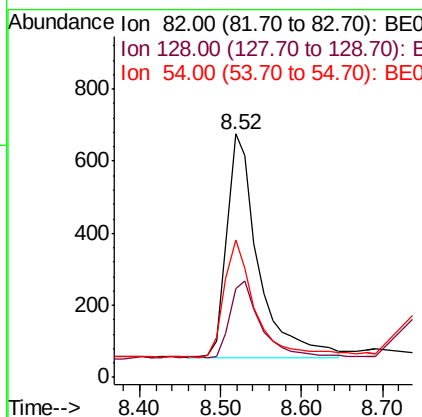
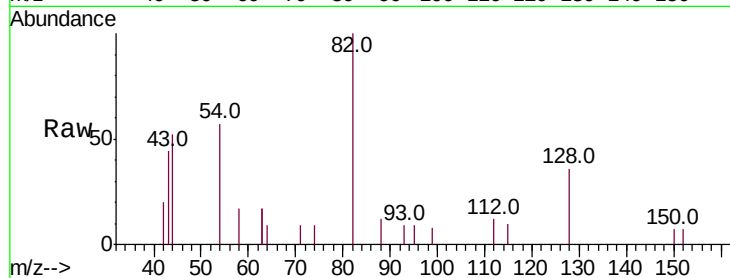




#8
 Nitrobenzene-d5
 Concen: 0.473 ng
 RT: 8.52 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BE097513.D
 Acq: 18 Sep 2018 1:50

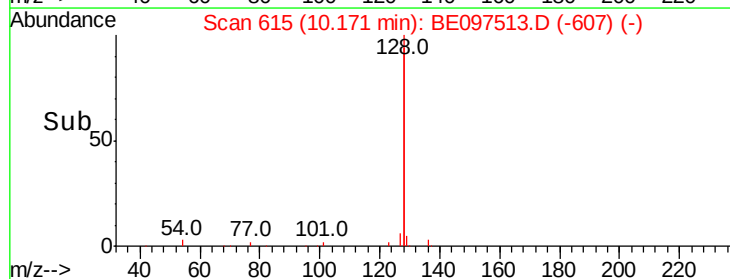
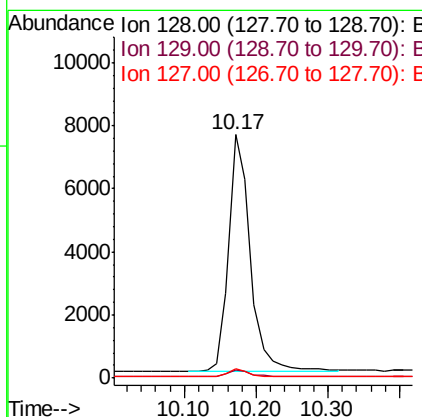
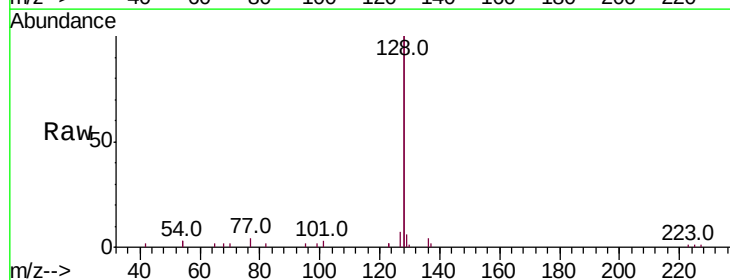
Instrument :
 BNA_E
 ClientSampleId :

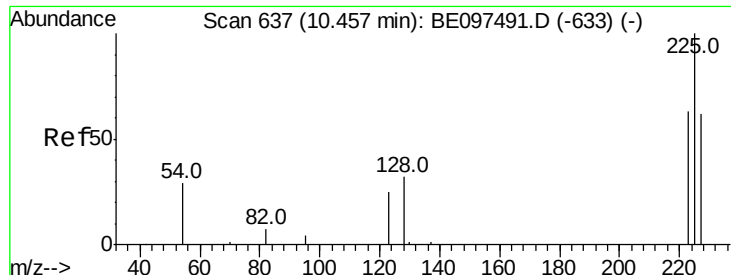
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.2	24.0	36.0#
54	56.5	40.0	60.0



#9
 Naphthalene
 Concen: 0.390 ng
 RT: 10.17 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BE097513.D
 Acq: 18 Sep 2018 1:50

Tgt Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.7	2.8	4.2

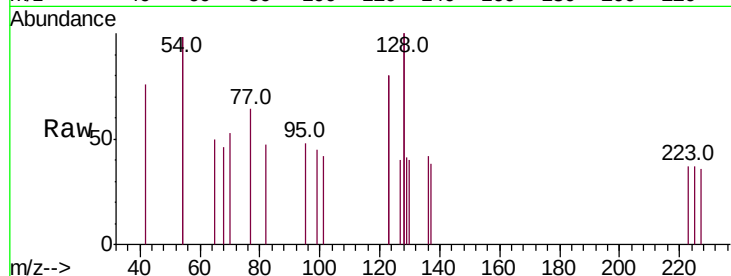




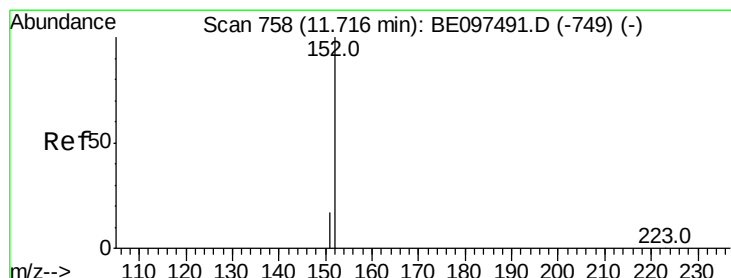
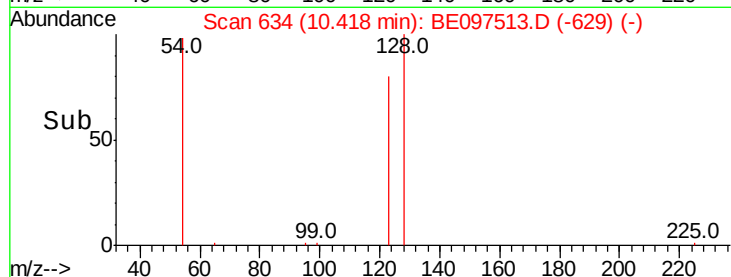
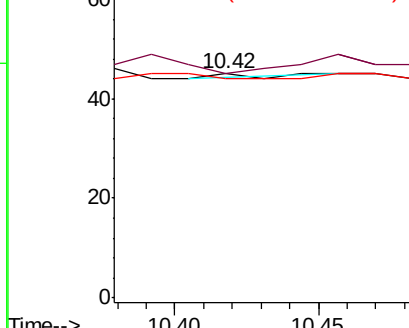
#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.42 min Scan# 634
Delta R.T. -0.04 min
Lab File: BE097513.D
Acq: 18 Sep 2018 1:50

Instrument :
BNA_E
ClientSampleId :

Tot Ion:225 Resp: 1
Ion Ratio Lower Upper
225 100
223 0.0 53.0 79.6#
227 0.0 51.4 77.2#

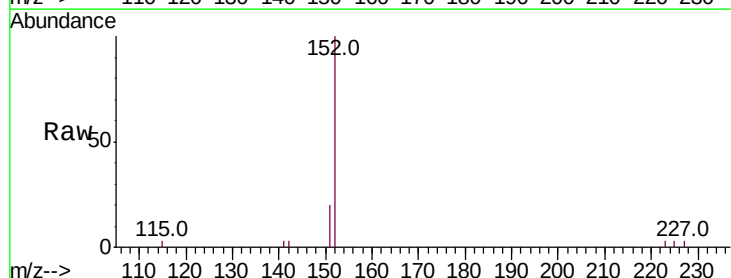


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

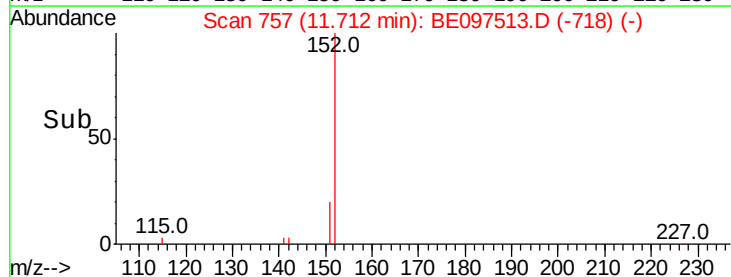
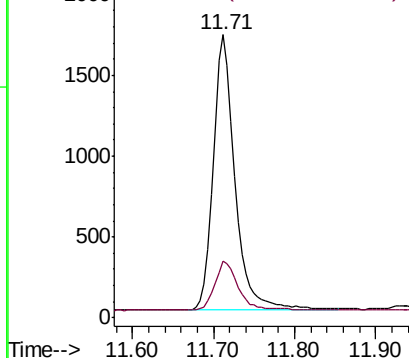


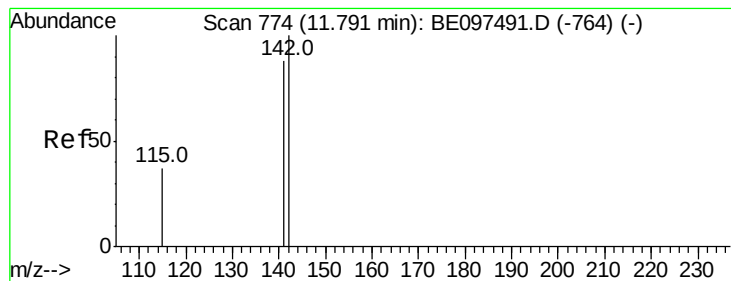
#11
2-Methylnaphthalene-d10
Concen: 0.503 ng
RT: 11.71 min Scan# 757
Delta R.T. -0.00 min
Lab File: BE097513.D
Acq: 18 Sep 2018 1:50

Tgt Ion:152 Resp: 3160
Ion Ratio Lower Upper
152 100
151 18.2 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: 0.178 ng

RT: 11.79 min Scan# 773

Delta R.T. -0.00 min

Lab File: BE097513.D

Acq: 18 Sep 2018 1:50

Instrument :

BNA_E

ClientSampleId :

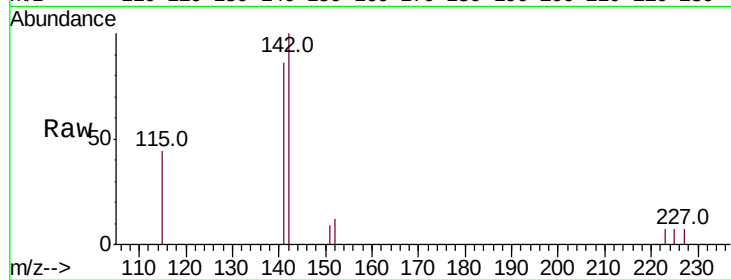
Tot Ion:142 Resp: 1133

Ion Ratio Lower Upper

142 100

141 86.2 70.4 105.6

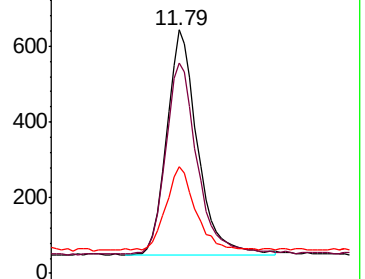
115 43.9 31.7 47.5



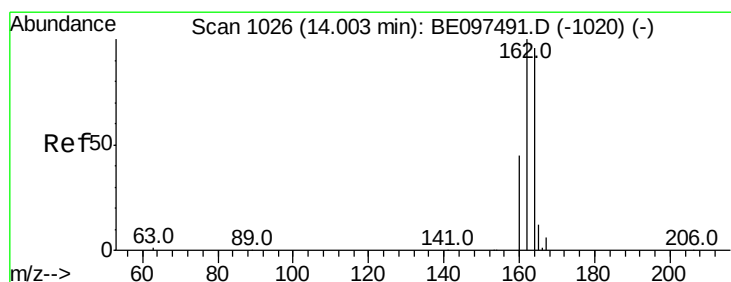
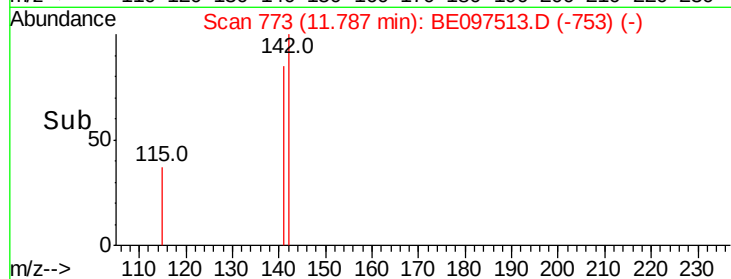
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE097513.D

Acq: 18 Sep 2018 1:50

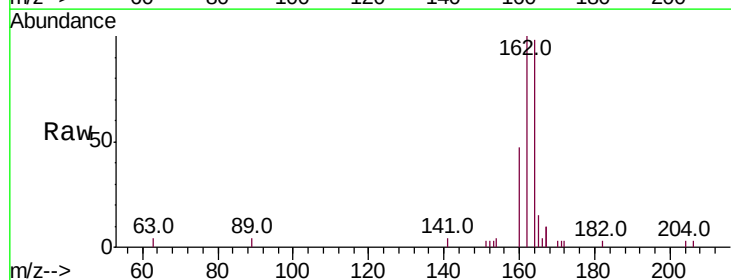
Tgt Ion:164 Resp: 2627

Ion Ratio Lower Upper

164 100

162 101.9 83.1 124.7

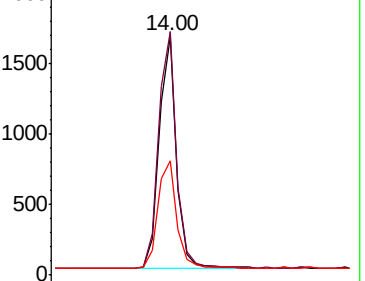
160 48.0 37.1 55.7



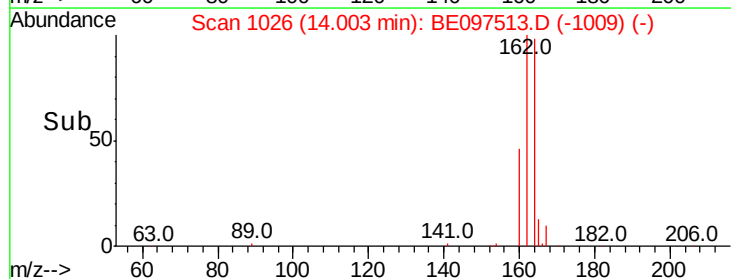
Abundance Ion 164.00 (163.70 to 164.70): E

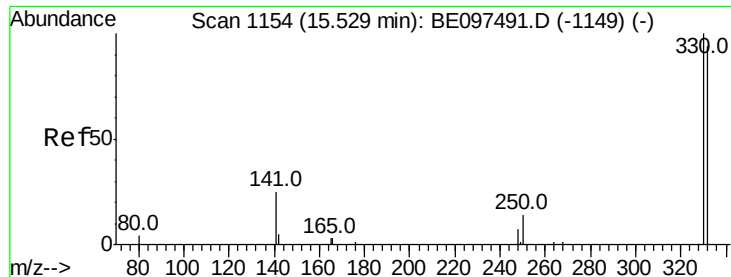
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->





#14

2,4,6-Tribromophenol

Concen: 0.475 ng

RT: 15.52 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BE097513.D

Acq: 18 Sep 2018 1:50

Instrument :

BNA_E

ClientSampled :

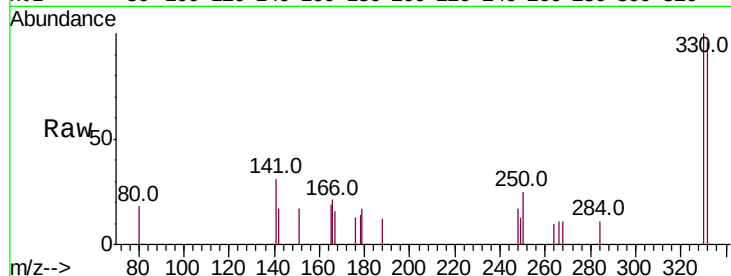
Tot Ion:330 Resp: 659

Ion Ratio Lower Upper

330 100

332 96.8 152.7 229.1#

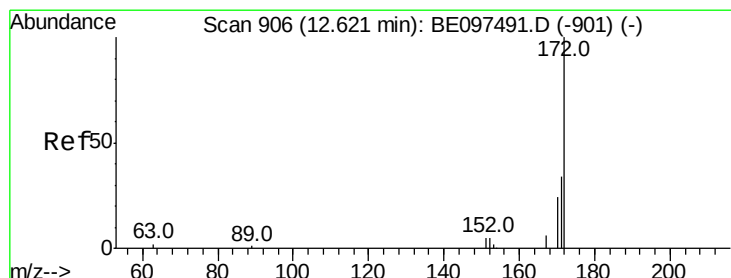
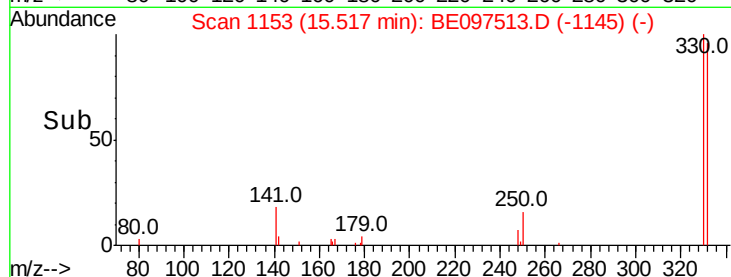
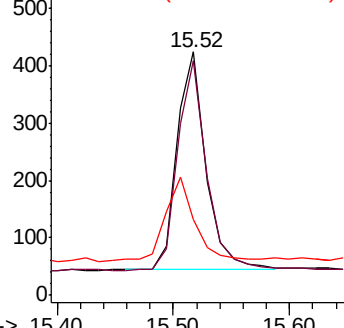
141 37.5 33.7 50.5



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: 0.590 ng

RT: 12.62 min Scan# 906

Delta R.T. 0.00 min

Lab File: BE097513.D

Acq: 18 Sep 2018 1:50

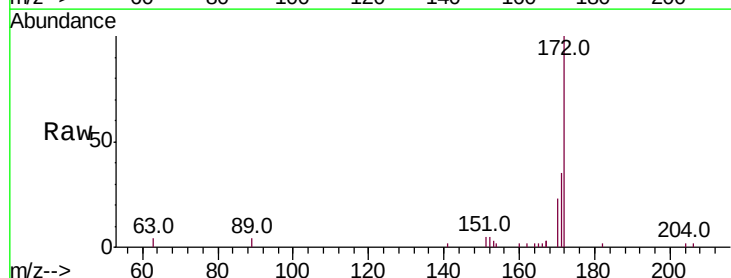
Tgt Ion:172 Resp: 5412

Ion Ratio Lower Upper

172 100

171 35.0 29.9 44.9

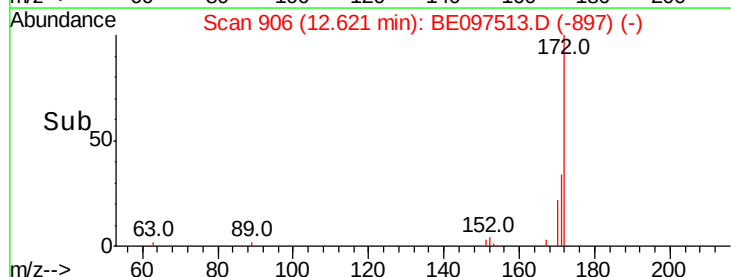
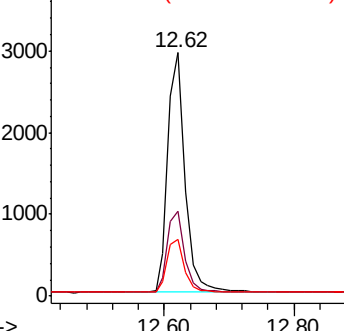
170 23.2 21.8 32.8

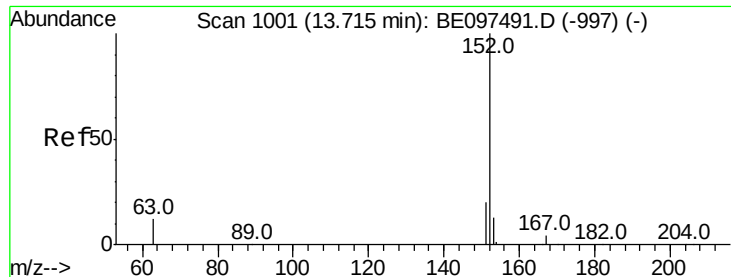


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 0.016 ng

RT: 13.72 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BE097513.D

Acq: 18 Sep 2018 1:50

Instrument :

BNA_E

ClientSampleId :

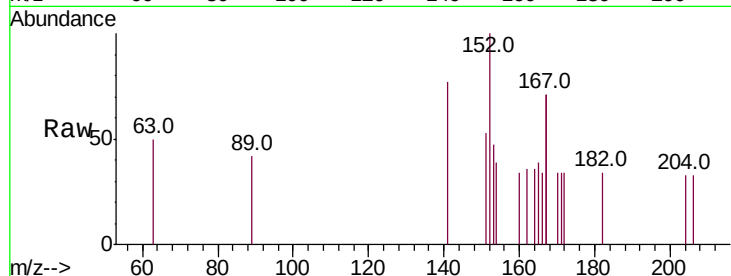
Tot Ion:152 Resp: 181

Ion Ratio Lower Upper

152 100

151 23.2 15.7 23.5

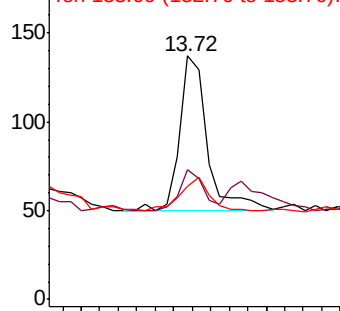
153 24.3 10.5 15.7#



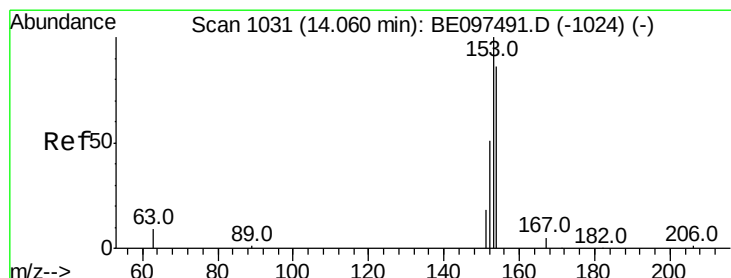
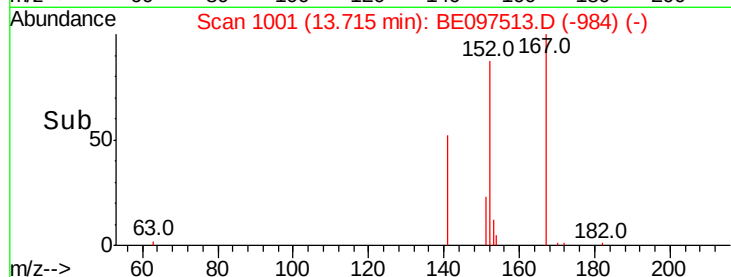
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#17

Acenaphthene

Concen: 0.152 ng

RT: 14.06 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BE097513.D

Acq: 18 Sep 2018 1:50

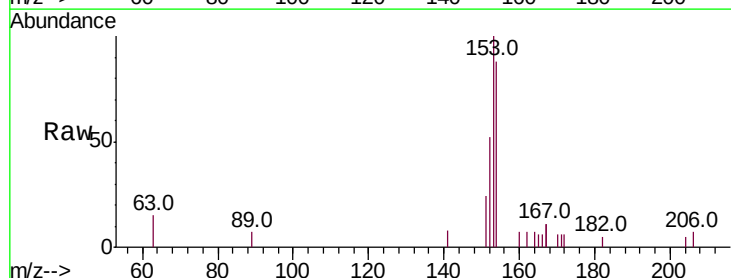
Tgt Ion:154 Resp: 1070

Ion Ratio Lower Upper

154 100

153 115.1 89.2 133.8

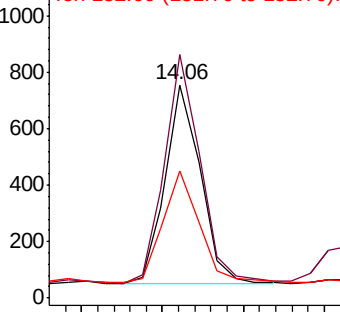
152 57.8 42.0 63.0



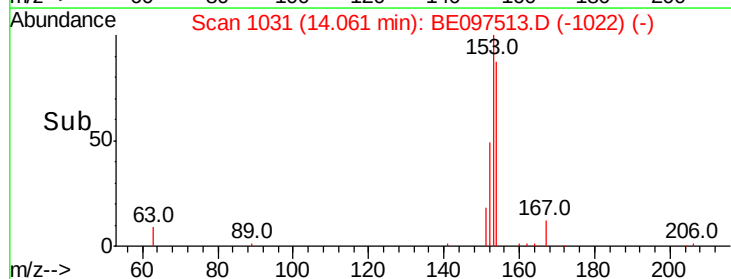
Abundance Ion 154.00 (153.70 to 154.70): E

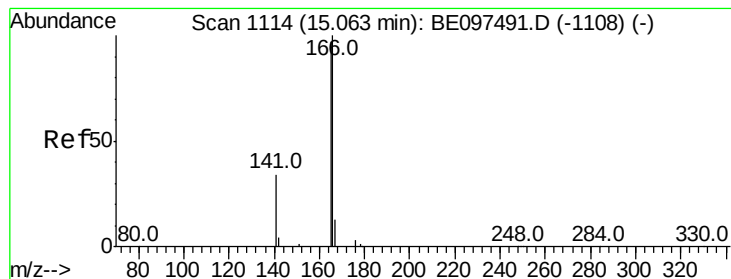
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->





#18

Fluorene

Concen: 0.159 ng

RT: 15.06 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BE097513.D

Acq: 18 Sep 2018 1:50

Instrument :

BNA_E

ClientSampleId :

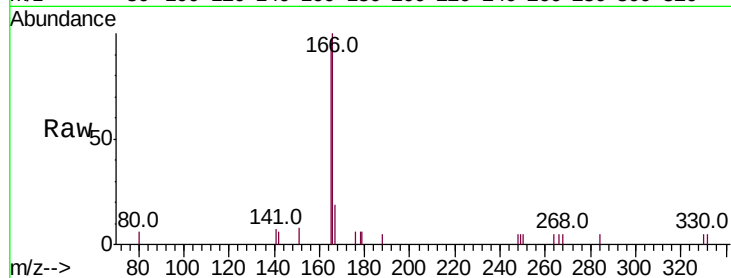
Tot Ion:166 Resp: 1434

Ion Ratio Lower Upper

166 100

165 100.1 77.8 116.6

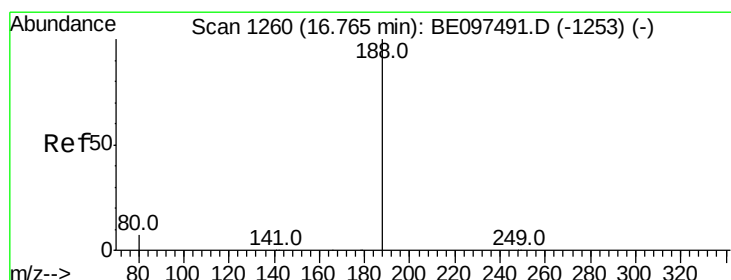
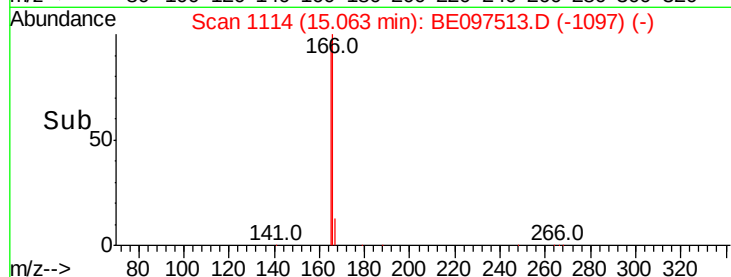
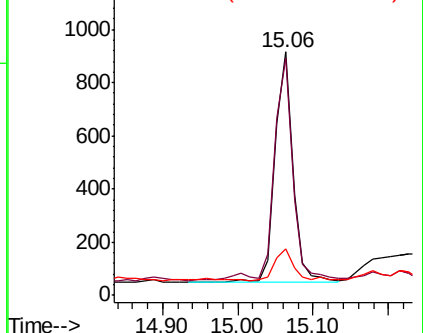
167 14.4 42.4 63.6#



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: 16.75 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BE097513.D

Acq: 18 Sep 2018 1:50

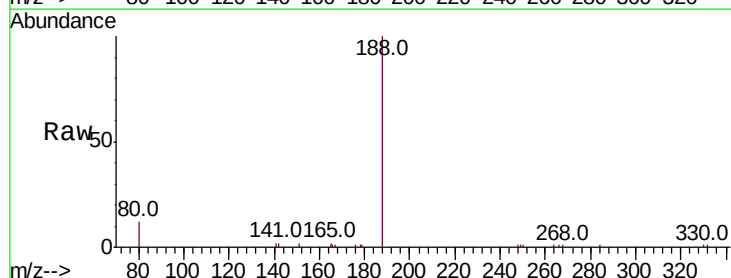
Tgt Ion:188 Resp: 7280

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

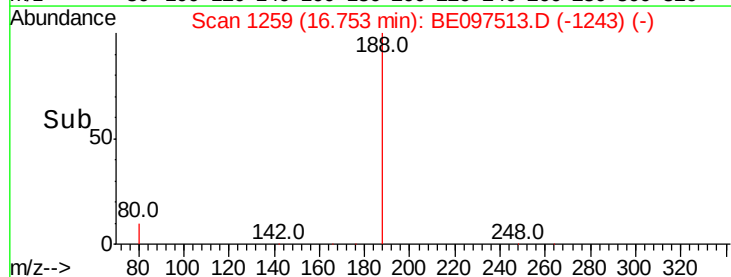
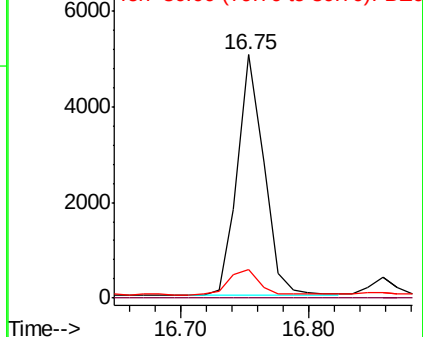
80 12.0 3.6 5.4#

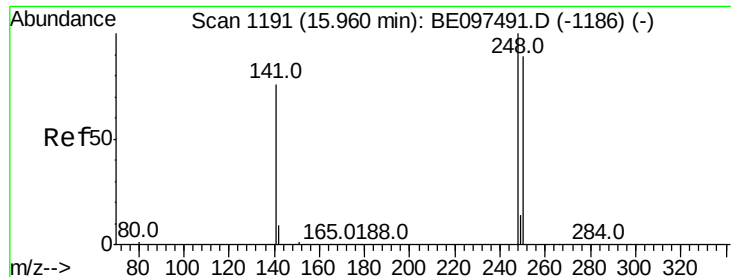


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#20

4-Bromophenyl-phenylether

Concen: 0.000 ng

RT: 15.94 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BE097513.D

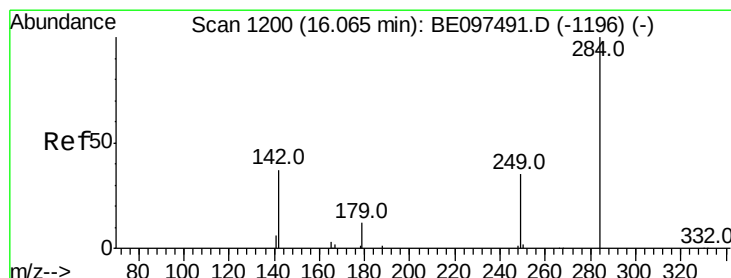
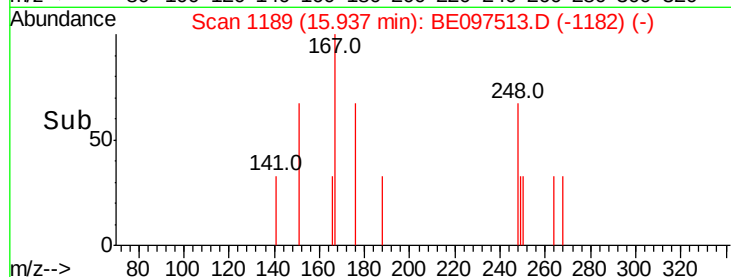
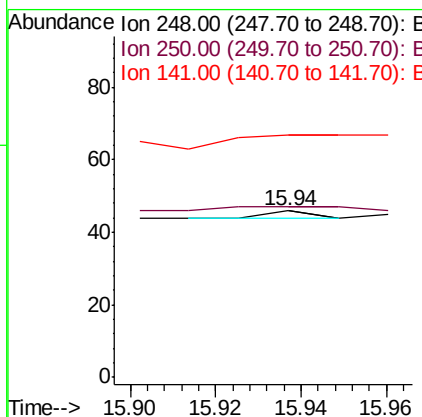
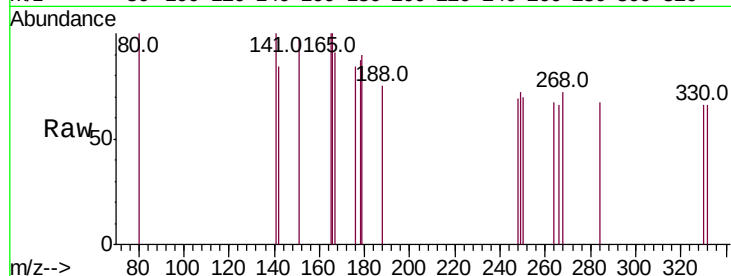
Acq: 18 Sep 2018 1:50

Instrument :

BNA_E

ClientSampled :

Tot Ion:248	Resp:	1	
Ion Ratio	Lower	Upper	
248	100		
250	102.2	62.7	94.1#
141	145.7	48.2	72.2#



#21

Hexachlorobenzene

Concen: 0.001 ng

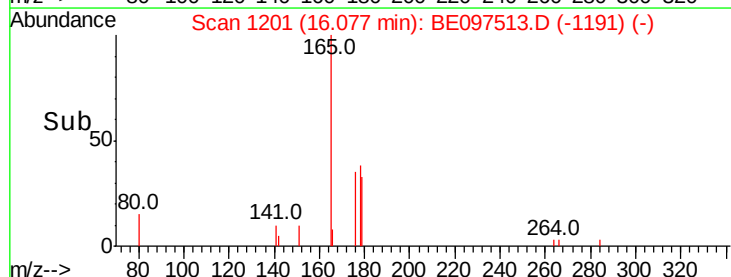
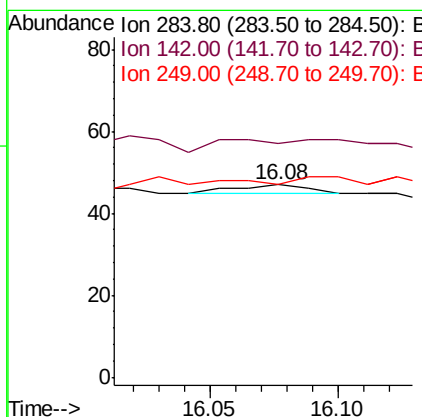
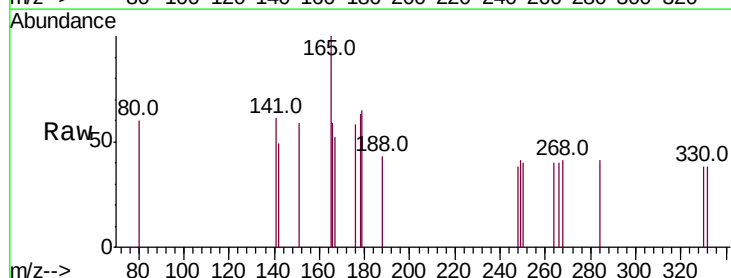
RT: 16.08 min Scan# 1201

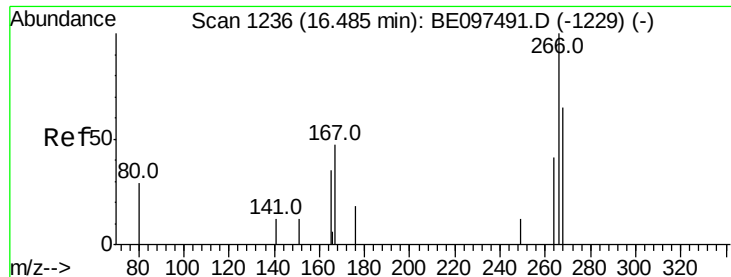
Delta R.T. 0.01 min

Lab File: BE097513.D

Acq: 18 Sep 2018 1:50

Tgt	Ion:284	Resp:	3
Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.1	33.1#
249	100.0	34.8	52.2#





#22

Pentachlorophenol

Concen: 0.047 ng

RT: 16.51 min Scan# 1238

Delta R.T. 0.02 min

Lab File: BE097513.D

Acq: 18 Sep 2018 1:50

Instrument :

BNA_E

ClientSampleId :

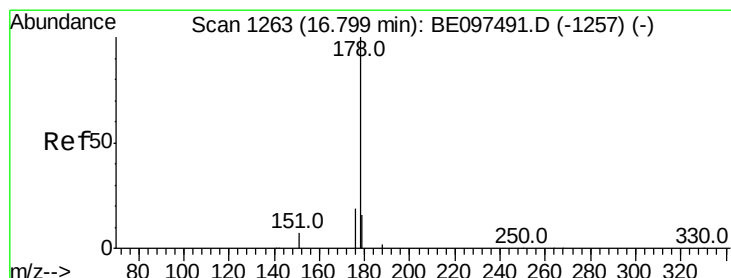
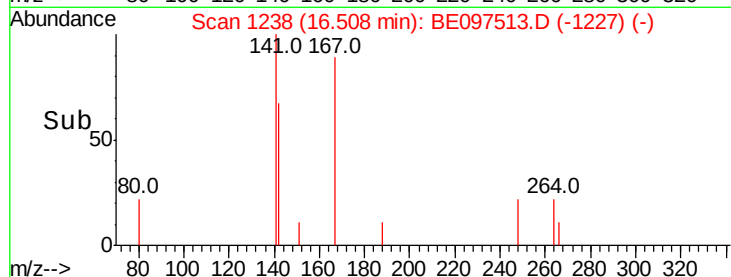
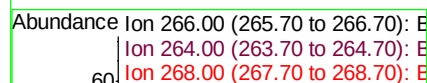
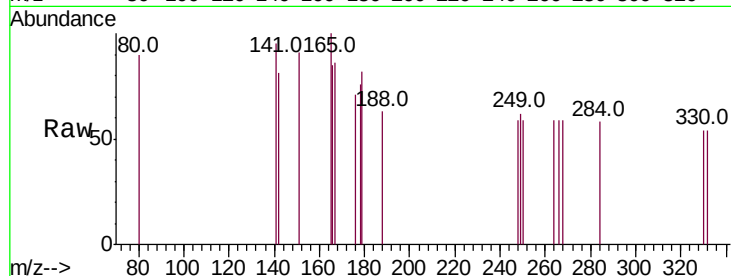
Tot Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 100.0 72.5 108.7

268 100.0 73.8 110.6



#23

Phenanthrene

Concen: 0.230 ng

RT: 16.80 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BE097513.D

Acq: 18 Sep 2018 1:50

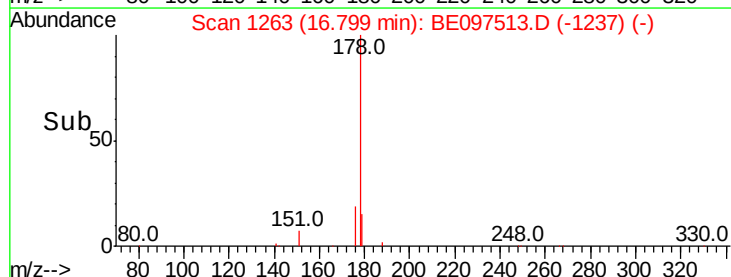
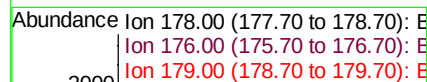
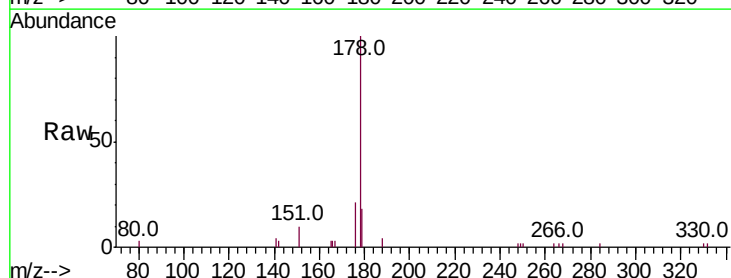
Tgt Ion:178 Resp: 3940

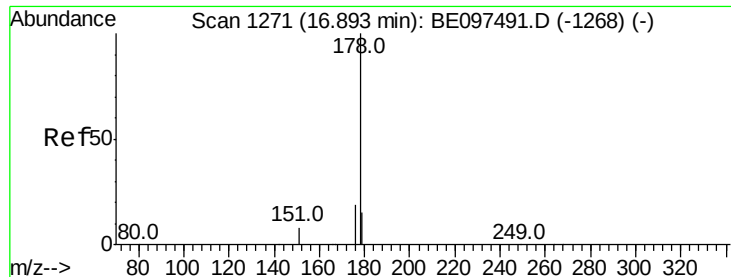
Ion Ratio Lower Upper

178 100

176 20.4 15.1 22.7

179 15.4 11.8 17.6

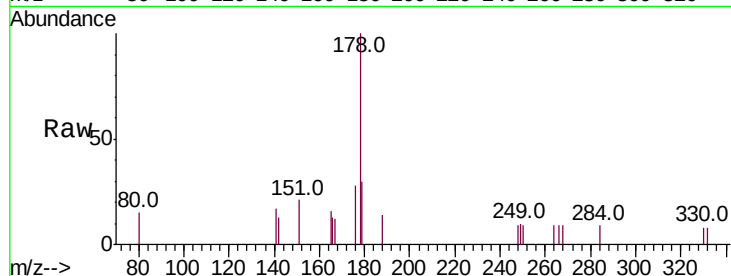




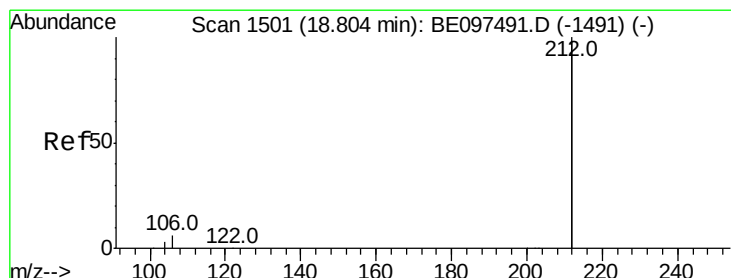
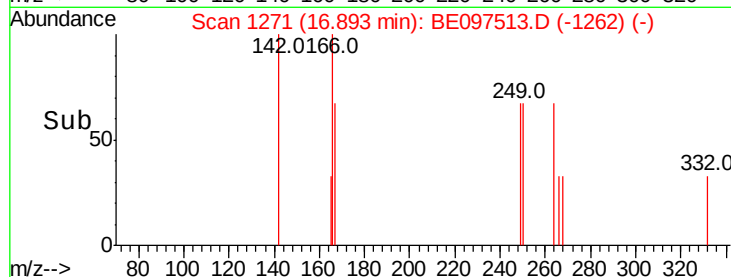
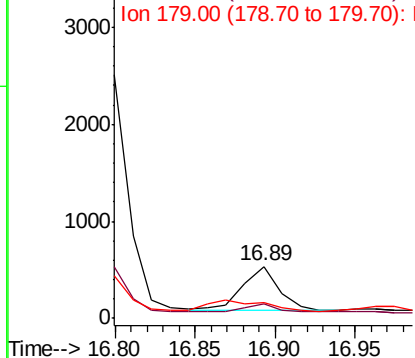
#24
 Anthracene
 Concen: 0.046 ng
 RT: 16.89 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: BE097513.D
 Acq: 18 Sep 2018 1:50

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:178 Resp: 720
 Ion Ratio Lower Upper
 178 100
 176 19.3 12.8 19.2#
 179 0.0 13.0 19.6#

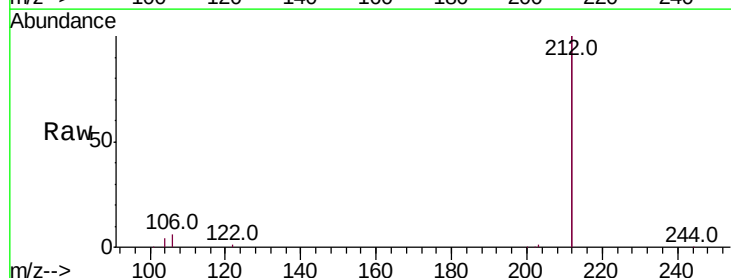


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

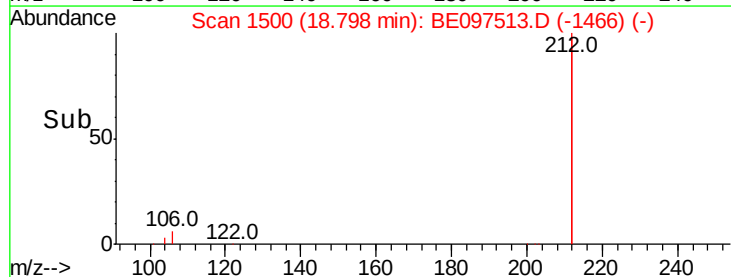
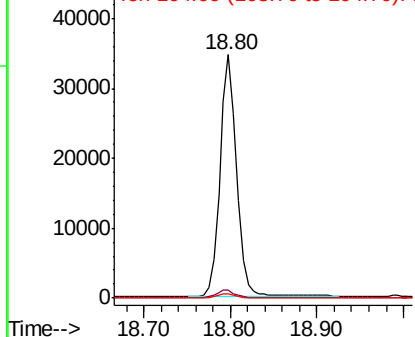


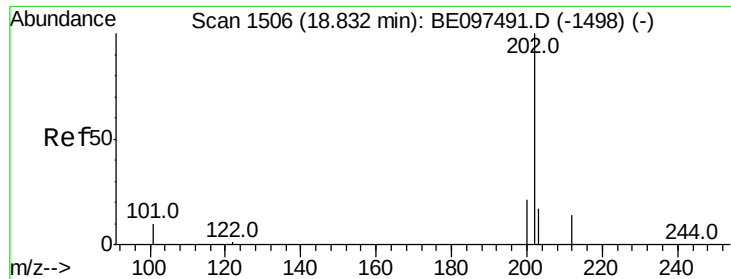
#25
 Fluoranthene-d10
 Concen: 0.524 ng
 RT: 18.80 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BE097513.D
 Acq: 18 Sep 2018 1:50

Tgt Ion:212 Resp: 45825
 Ion Ratio Lower Upper
 212 100
 106 3.2 2.8 4.2
 104 1.8 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

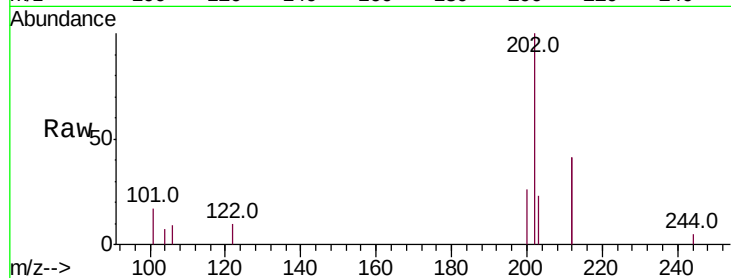




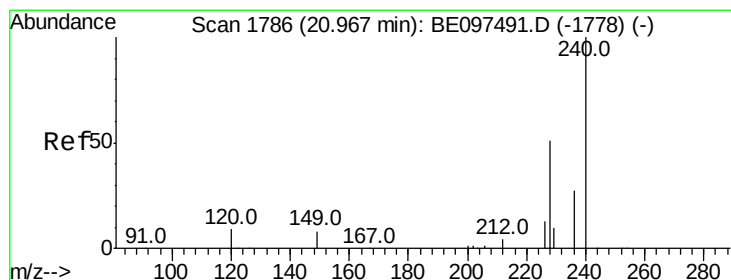
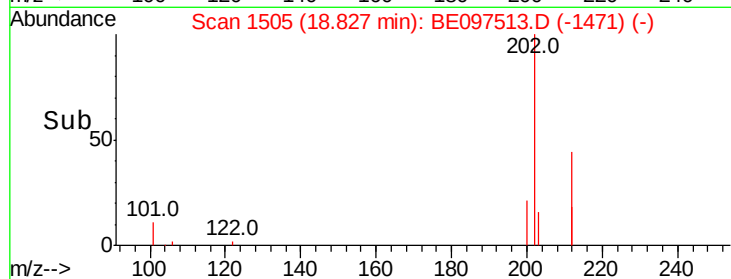
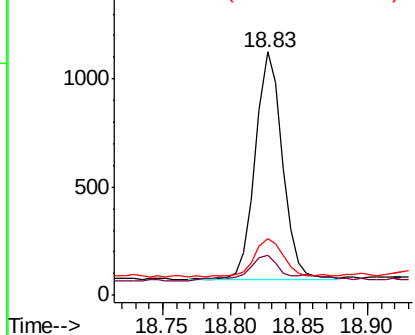
#26
 Fluoranthene
 Concen: 0.065 ng
 RT: 18.83 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BE097513.D
 Acq: 18 Sep 2018 1:50

Instrument :
 BNA_E
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.7	9.8	14.8#
203	18.4	13.7	20.5

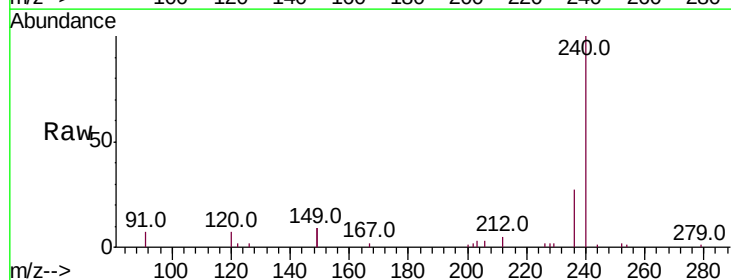


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

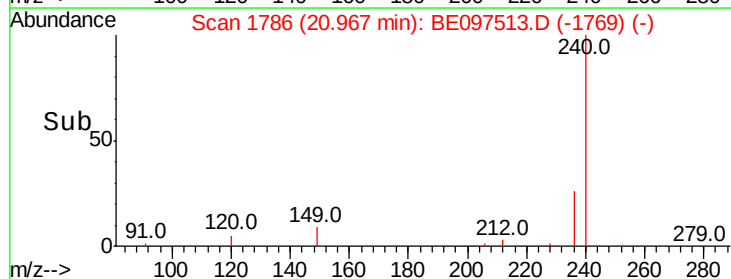
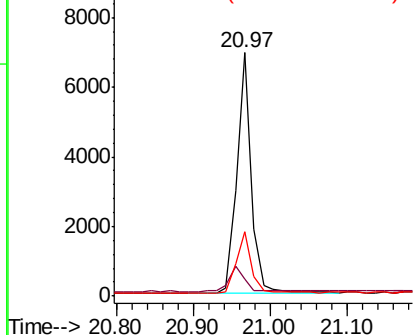


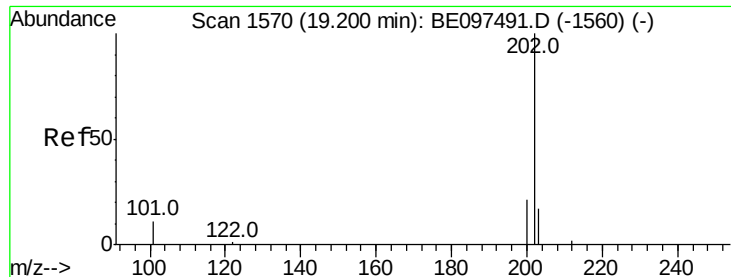
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BE097513.D
 Acq: 18 Sep 2018 1:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.5	8.3
236	26.7	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

Pvrene

Concen: 0.053 ng

RT: 19.19 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BE097513.D

Acq: 18 Sep 2018 1:50

Instrument :

BNA_E

ClientSampleId :

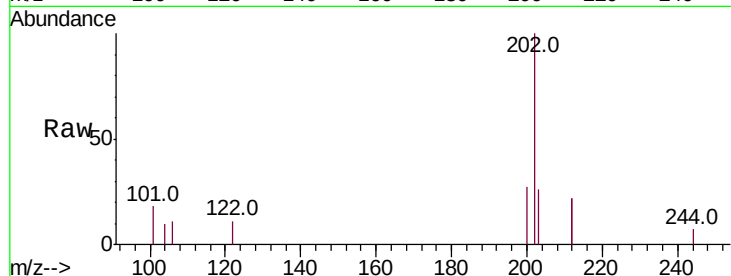
Tot Ion:202 Resp: 1223

Ion Ratio Lower Upper

202 100

200 21.4 16.6 25.0

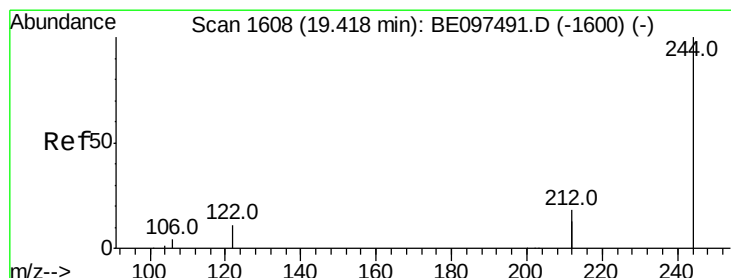
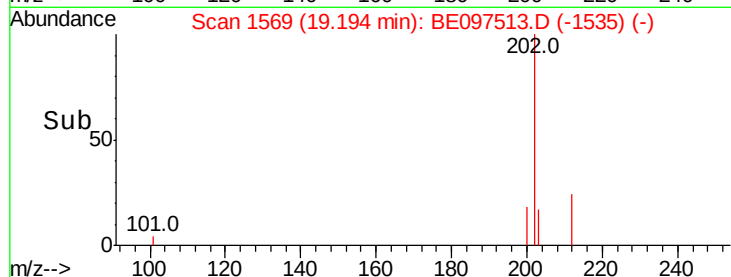
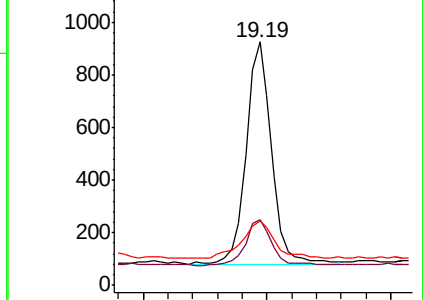
203 21.0 13.8 20.8#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.588 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BE097513.D

Acq: 18 Sep 2018 1:50

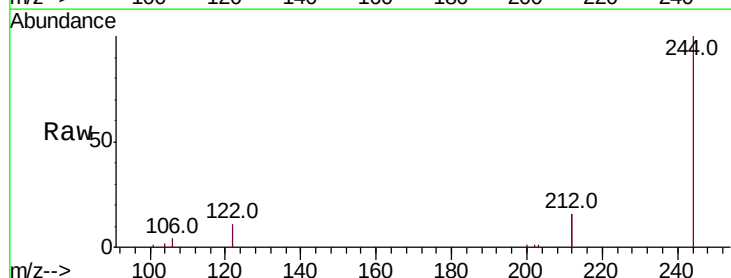
Tgt Ion:244 Resp: 10102

Ion Ratio Lower Upper

244 100

212 32.1 25.4 38.0

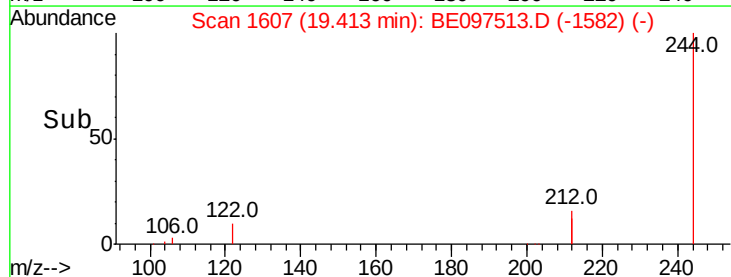
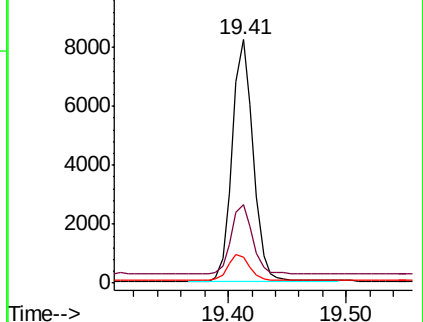
122 10.6 8.1 12.1

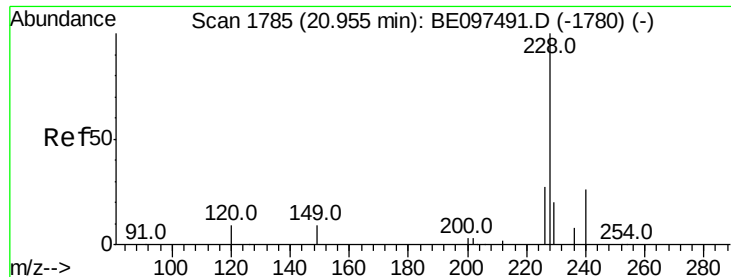


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

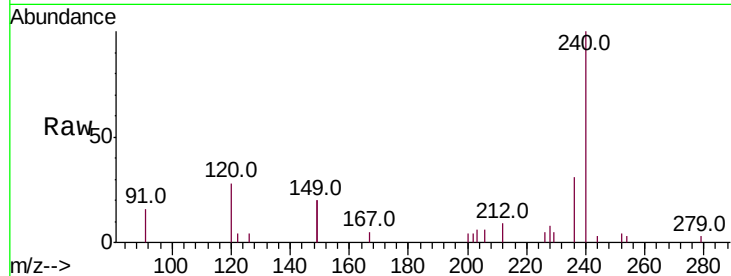




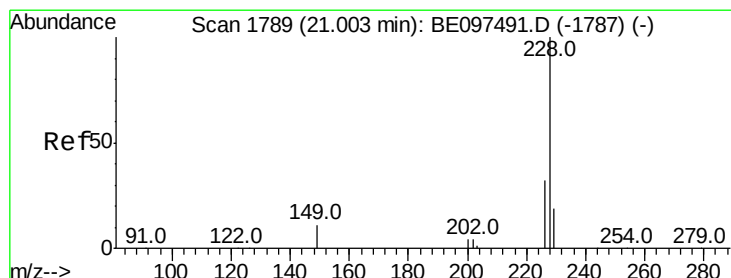
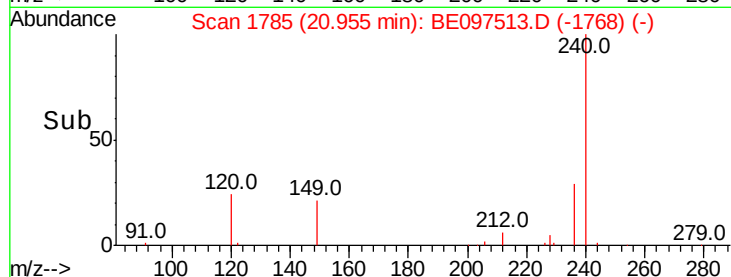
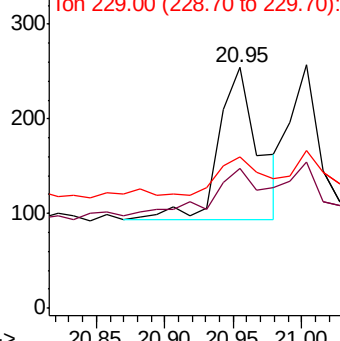
#30
Benzo(a)anthracene
Concen: 0.014 ng
RT: 20.95 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BE097513.D
Acq: 18 Sep 2018 1:50

Instrument :
BNA_E
ClientSampleId :

Tot Ion:228 Resp: 332
Ion Ratio Lower Upper
228 100
226 58.3 24.0 36.0#
229 63.0 16.0 24.0#

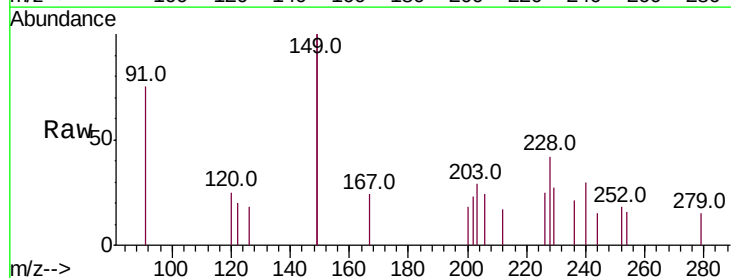


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

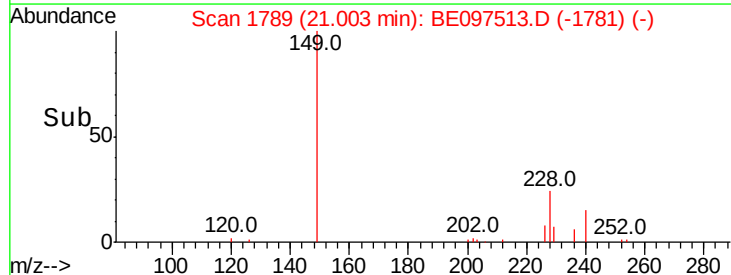
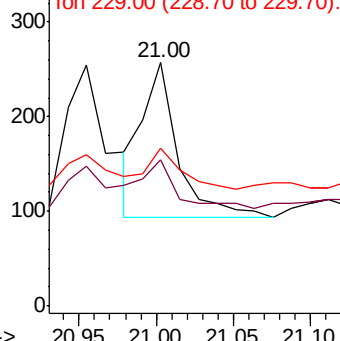


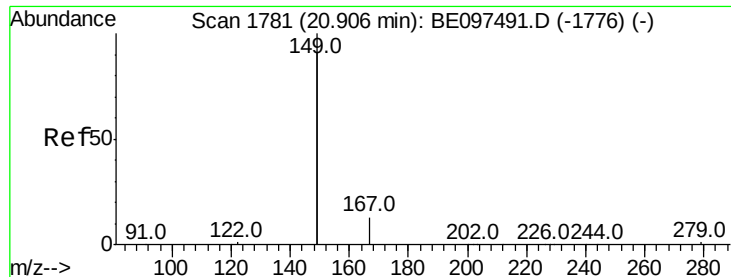
#31
Chrysene
Concen: 0.011 ng
RT: 21.00 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BE097513.D
Acq: 18 Sep 2018 1:50

Tgt Ion:228 Resp: 262
Ion Ratio Lower Upper
228 100
226 59.9 24.0 36.0#
229 65.0 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

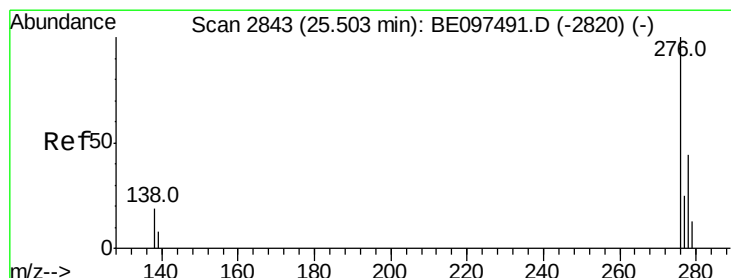
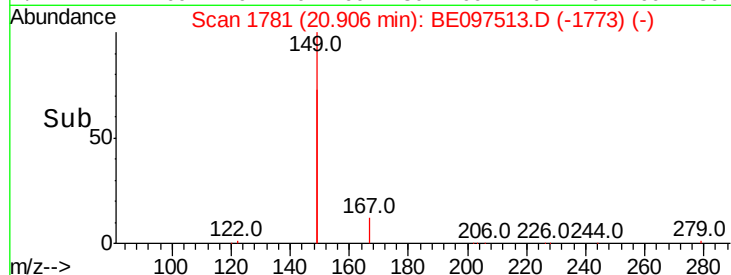
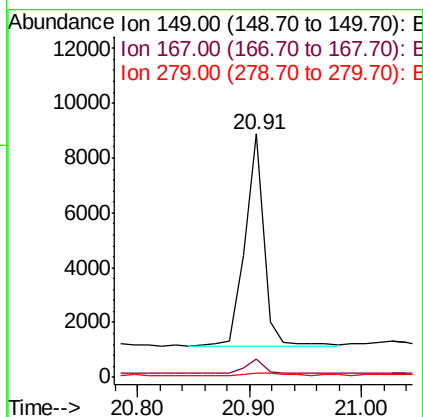
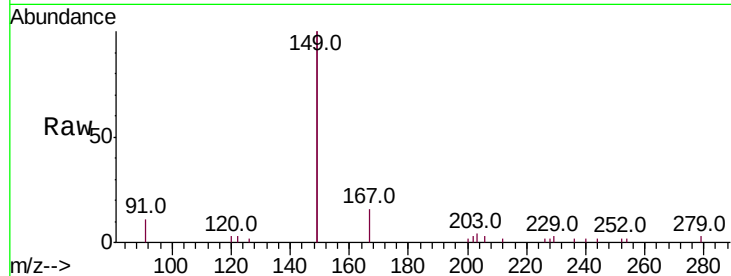




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.183 ng
 RT: 20.91 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BE097513.D
 Acq: 18 Sep 2018 1:50

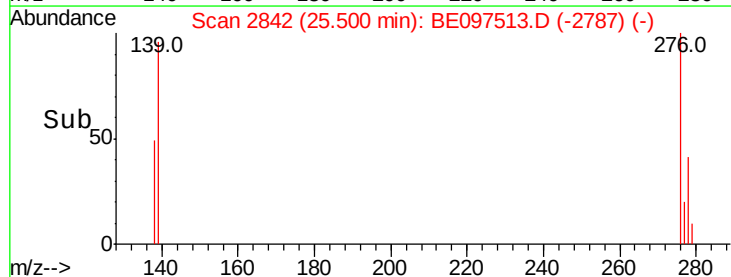
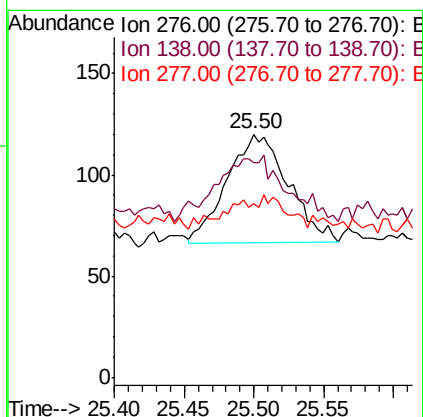
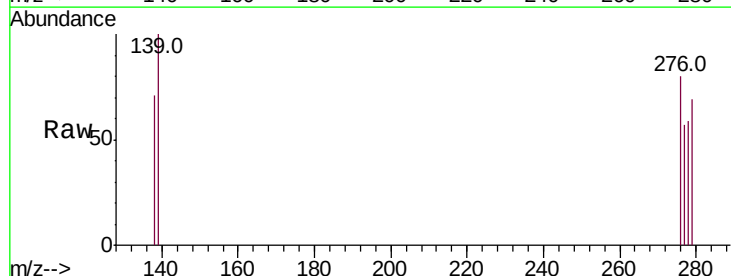
Instrument :
 BNA_E
 ClientSampleId :

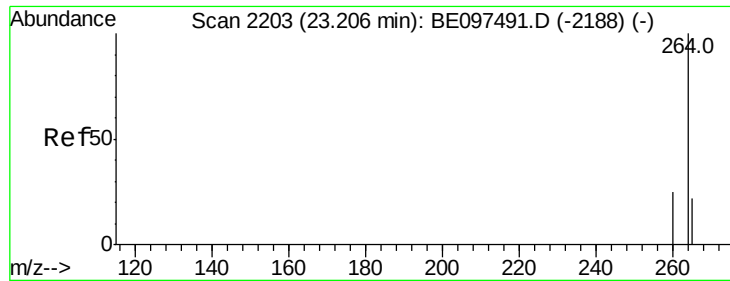
Tot Ion:149 Resp: 9189
 Ion Ratio Lower Upper
 149 100
 167 6.8 5.4 8.0
 279 1.2 0.7 1.1#



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.006 ng
 RT: 25.50 min Scan# 2842
 Delta R.T. -0.00 min
 Lab File: BE097513.D
 Acq: 18 Sep 2018 1:50

Tgt Ion:276 Resp: 164
 Ion Ratio Lower Upper
 276 100
 138 63.4 22.5 33.7#
 277 4.9 19.9 29.9#



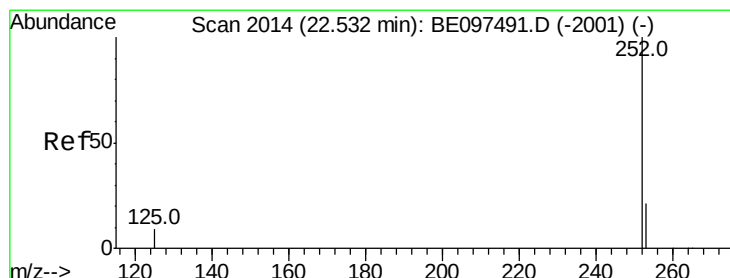
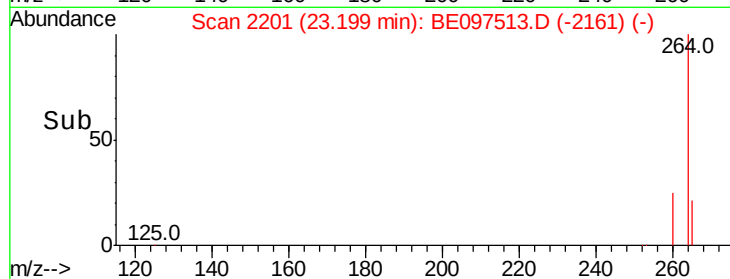
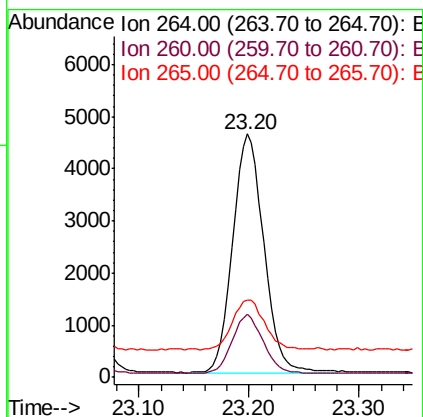
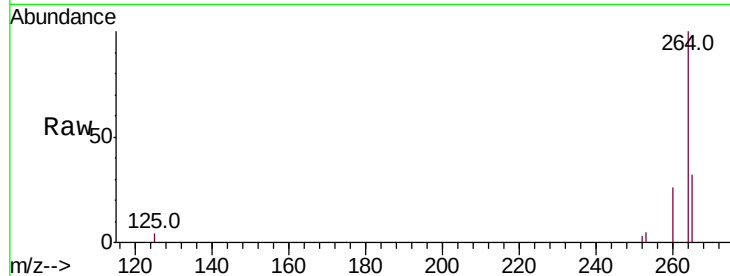


#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BE097513.D
Acq: 18 Sep 2018 1:50

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 8978

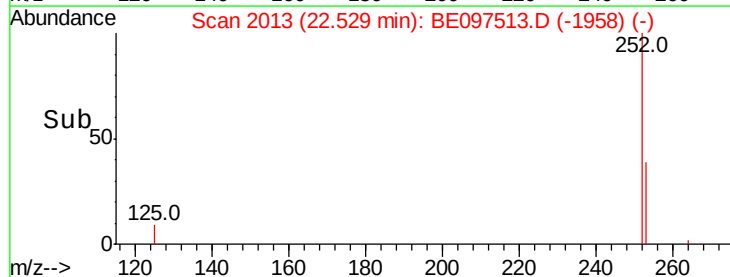
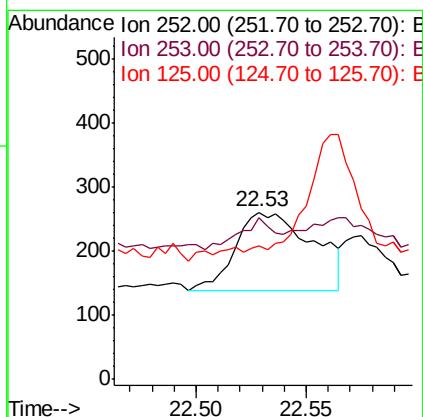
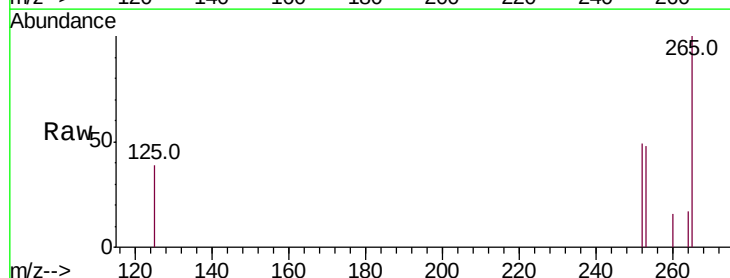
Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	31.9	22.8	34.2

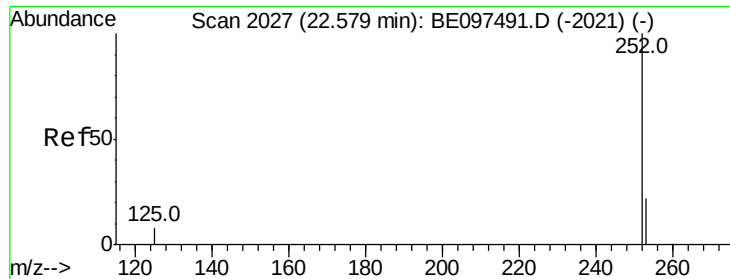


#35
Benzo(b)fluoranthene
Concen: 0.013 ng
RT: 22.53 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BE097513.D
Acq: 18 Sep 2018 1:50

Tgt Ion:252 Resp: 296

Ion	Ratio	Lower	Upper
252	100		
253	96.9	20.0	30.0#
125	79.6	16.0	24.0#

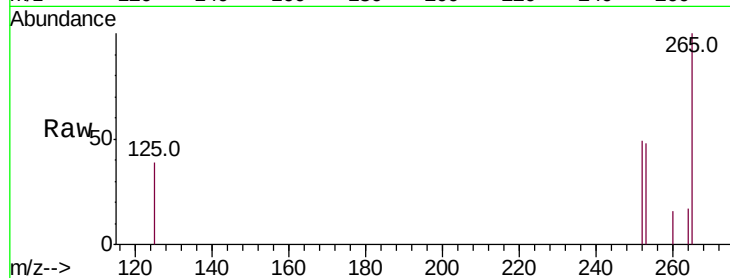




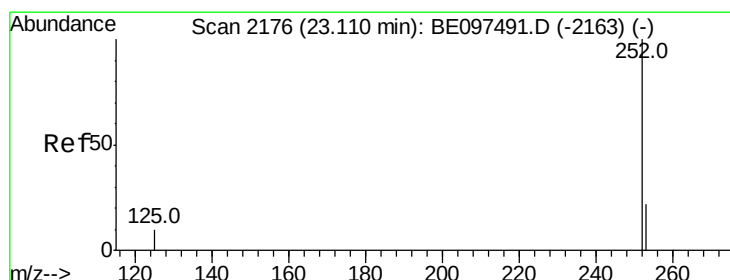
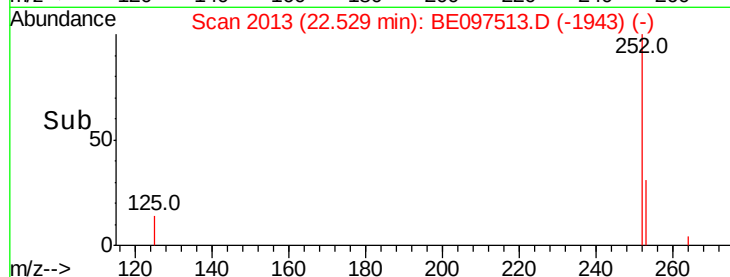
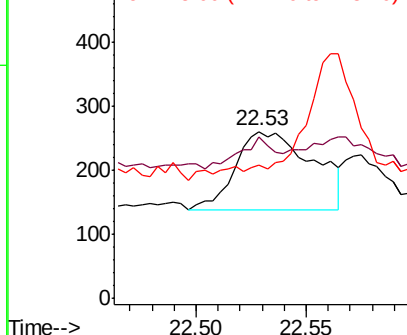
#36
Benzo(k)fluoranthene
Concen: 0.012 ng
RT: 22.53 min Scan# 2013
Delta R.T. -0.05 min
Lab File: BE097513.D
Acq: 18 Sep 2018 1:50

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 296
Ion Ratio Lower Upper
252 100
253 96.9 16.0 24.0#
125 79.6 8.0 12.0#

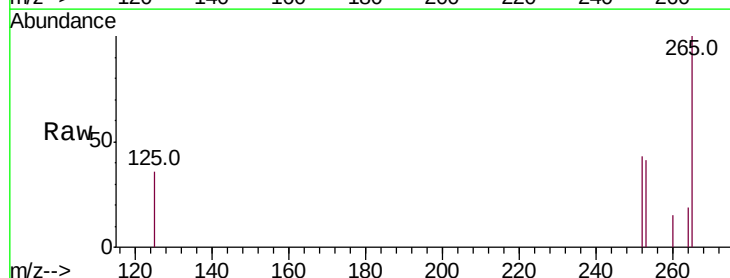


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

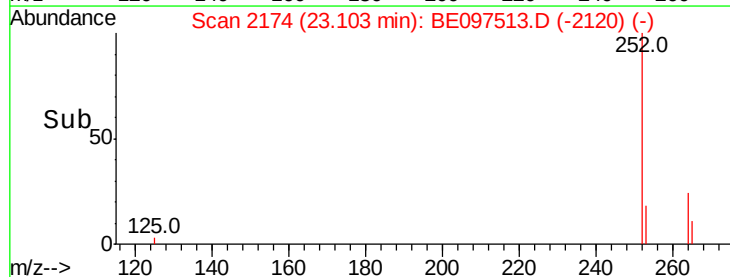
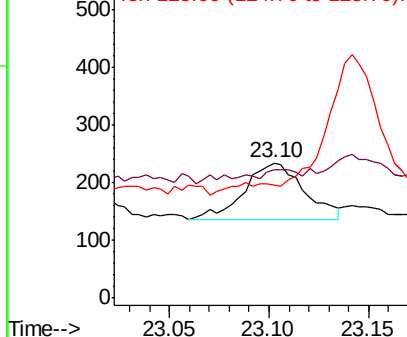


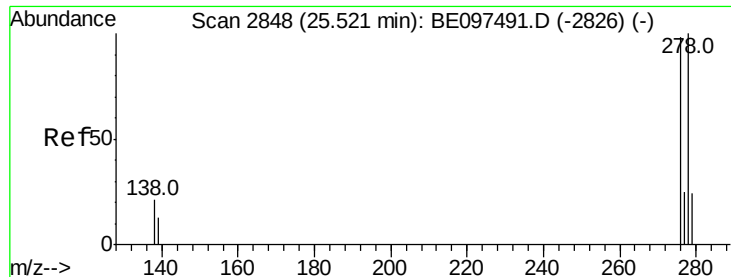
#37
Benzo(a)pyrene
Concen: 0.009 ng
RT: 23.10 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BE097513.D
Acq: 18 Sep 2018 1:50

Tgt Ion:252 Resp: 202
Ion Ratio Lower Upper
252 100
253 94.9 16.0 24.0#
125 83.4 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: 25.50 min Scan# 2842

Delta R.T. -0.02 min

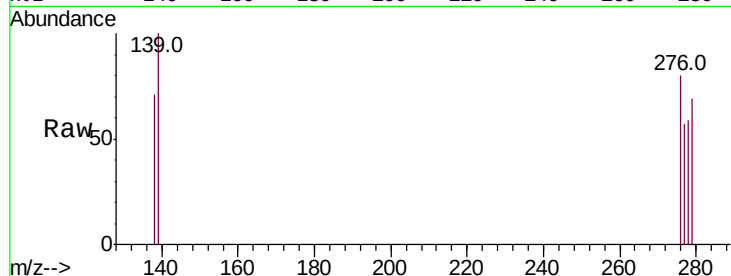
Lab File: BE097513.D

Acq: 18 Sep 2018 1:50

Instrument :

BNA_E

ClientSampled :



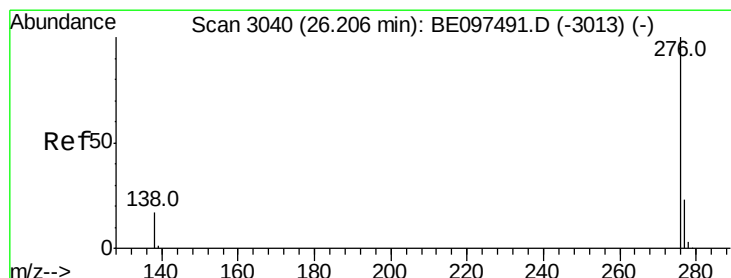
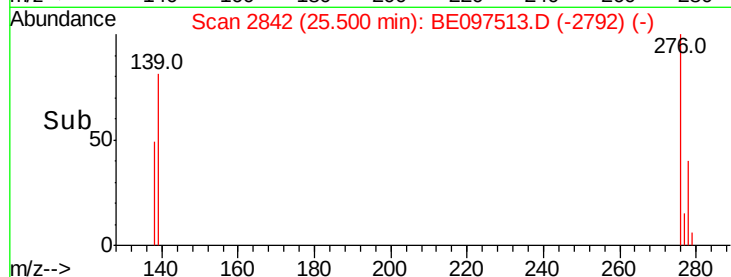
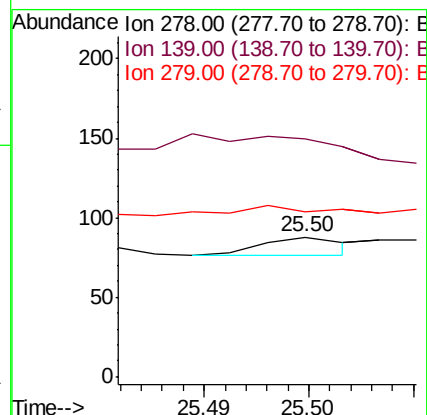
Tot Ion:278 Resp: 6

Ion Ratio Lower Upper

278 100

139 170.5 16.0 24.0#

279 118.2 20.0 30.0#



#39

Benzo(g,h,i)perylene

Concen: 0.007 ng

RT: 26.21 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BE097513.D

Acq: 18 Sep 2018 1:50

Tgt Ion:276 Resp: 178

Ion Ratio Lower Upper

276 100

277 68.3 16.0 24.0#

138 73.3 20.0 30.0#

