

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101918\
 Data File : BE097989.D
 Acq On : 19 Oct 2018 12:28
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

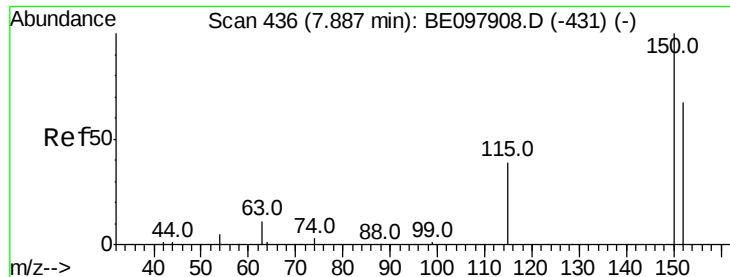
Quant Time: Oct 19 23:28:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 15:36:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2591	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	13169	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	9137	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	22527	0.40	ng	0.00
27) Chrysene-d12	21.47	240	24820	0.40	ng	-0.01
34) Perylene-d12	24.03	264	24377	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	3131	0.38	ng	0.00
5) Phenol-d6	7.06	99	5129	0.42	ng	0.00
8) Nitrobenzene-d5	9.04	82	4510	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	8611	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	1565	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	12870	0.34	ng	0.00
25) Fluoranthene-d10	19.33	212	96904	0.32	ng	0.00
29) Terphenyl-d14	19.92	244	19607	0.34	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	1712	0.379	ng	94
3) n-Nitrosodimethylamine	3.70	42	1598	0.317	ng	# 93
6) bis(2-Chloroethyl)ether	7.31	93	3547	0.346	ng	95
9) Naphthalene	10.74	128	48647	0.371	ng	100
10) Hexachlorobutadiene	11.03	225	2583	0.366	ng	99
12) 2-Methylnaphthalene	12.37	142	8681	0.386	ng	95
16) Acenaphthylene	14.27	152	15274	0.362	ng	99
17) Acenaphthene	14.61	154	9359	0.363	ng	99
18) Fluorene	15.59	166	12187	0.343	ng	99
20) 4-Bromophenyl-phenylether	16.49	248	4491	0.365	ng	98
21) Hexachlorobenzene	16.60	284	4574	0.378	ng	99
22) Pentachlorophenol	16.97	266	1336	0.448	ng	95
23) Phenanthrene	17.34	178	20441	0.357	ng	100
24) Anthracene	17.43	178	18914	0.350	ng	99
26) Fluoranthene	19.36	202	23848	0.318	ng	98
28) Pyrene	19.72	202	25159	0.351	ng	99
30) Benzo(a)anthracene	21.46	228	26715	0.351	ng	97
31) Chrysene	21.51	228	26519	0.368	ng	98
32) Bis(2-ethylhexyl)phthalate	21.39	149	59406	0.310	ng	99
33) Indeno(1,2,3-cd)pyrene	26.73	276	27959	0.331	ng	99
35) Benzo(b)fluoranthene	23.25	252	24936	0.355	ng	# 92
36) Benzo(k)fluoranthene	23.30	252	25895	0.354	ng	# 92
37) Benzo(a)pyrene	23.92	252	23923	0.350	ng	# 92
38) Dibenzo(a,h)anthracene	26.76	278	23542	0.352	ng	# 94
39) Benzo(g,h,i)perylene	27.55	276	23435	0.342	ng	94

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

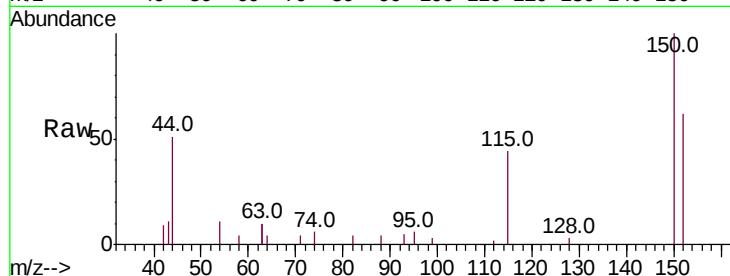


#1

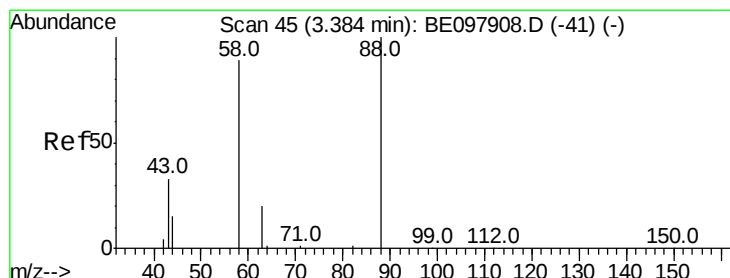
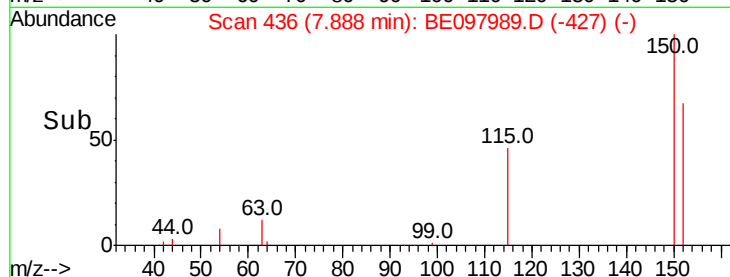
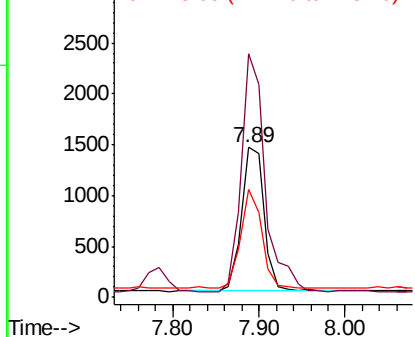
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. 0.00 min
Lab File: BE097989.D
Acq: 19 Oct 2018 12:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2591
Ion Ratio Lower Upper
152 100
150 162.5 118.2 177.4
115 71.6 50.9 76.3



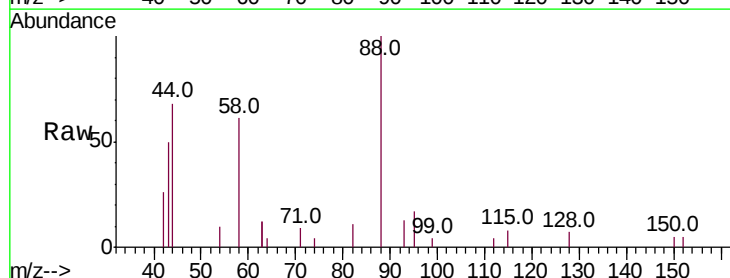
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



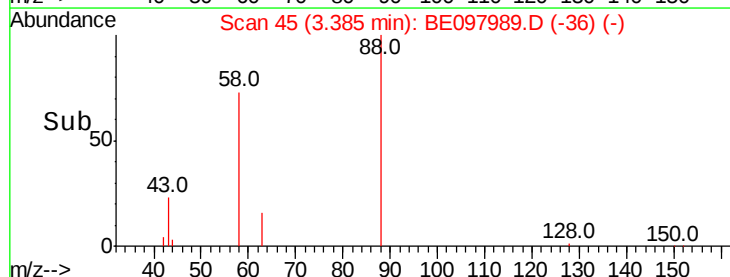
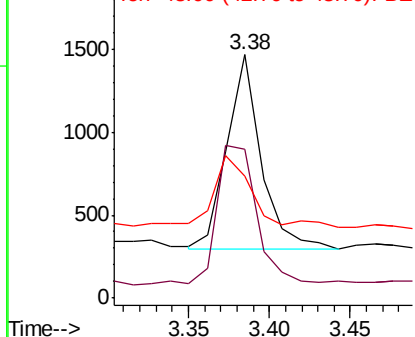
#2

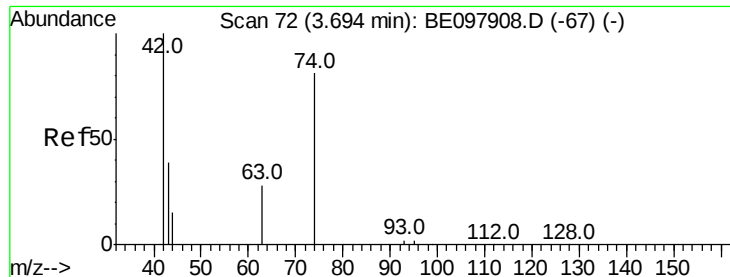
1,4-Dioxane
Concen: 0.379 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097989.D
Acq: 19 Oct 2018 12:28

Tgt Ion: 88 Resp: 1712
Ion Ratio Lower Upper
88 100
58 84.5 73.2 109.8
43 43.6 36.9 55.3



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

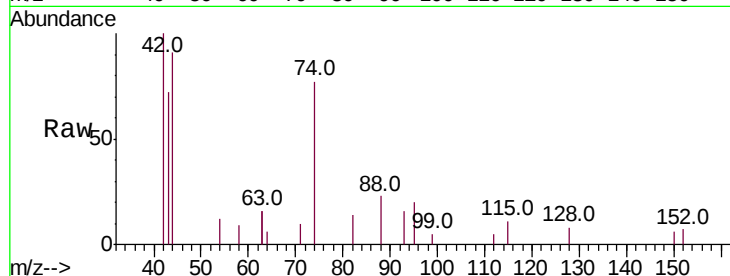




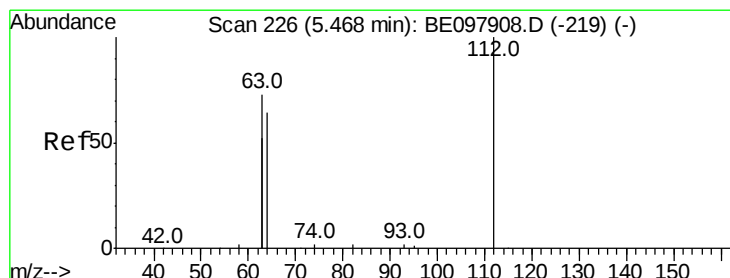
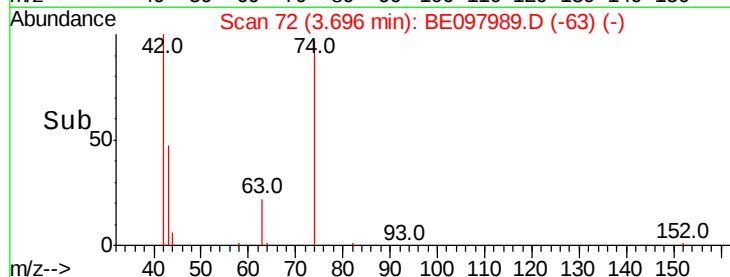
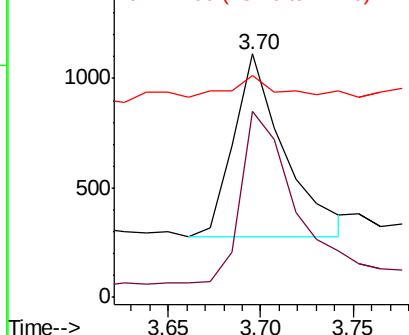
#3
n-Nitrosodimethylamine
Concen: 0.317 ng
RT: 3.70 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE097989.D
Acq: 19 Oct 2018 12:28

Instrument :
BNA_E
ClientSampled :

Tot Ion: 42 Resp: 1598
Ion Ratio Lower Upper
42 100
74 103.4 77.6 116.4
44 13.6 7.6 11.4#

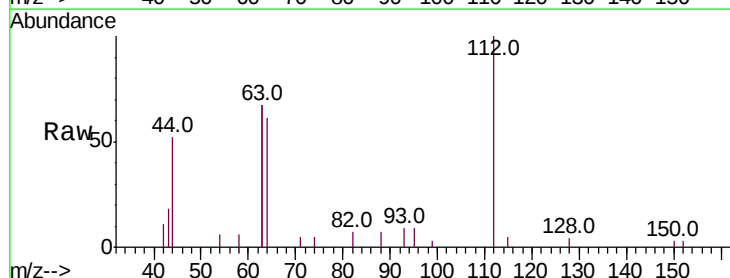


Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0

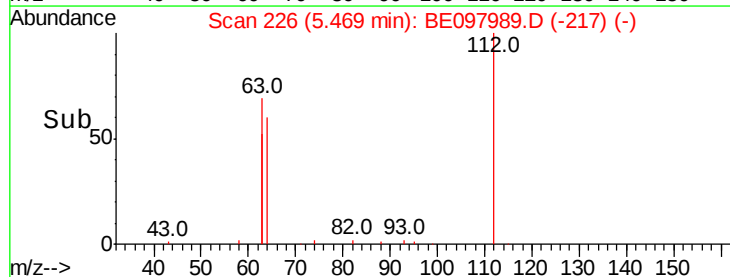
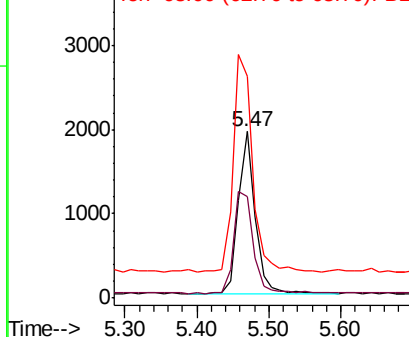


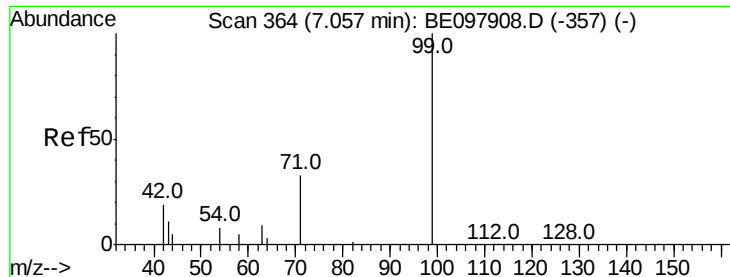
#4
2-Fluorophenol
Concen: 0.383 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.00 min
Lab File: BE097989.D
Acq: 19 Oct 2018 12:28

Tgt Ion: 112 Resp: 3131
Ion Ratio Lower Upper
112 100
64 73.4 58.9 88.3
63 151.3 120.3 180.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.425 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.00 min

Lab File: BE097989.D

Acq: 19 Oct 2018 12:28

Instrument :

BNA_E

ClientSampleId :

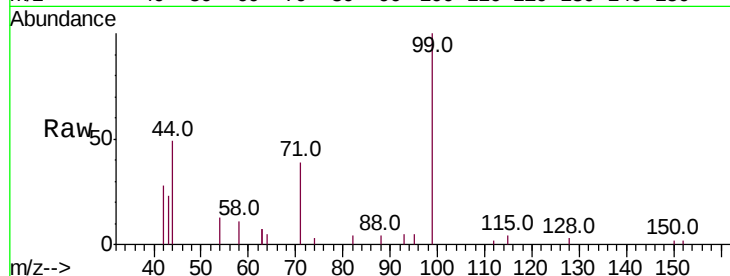
Tot Ion: 99 Resp: 5129

Ion Ratio Lower Upper

99 100

42 23.8 19.9 29.9

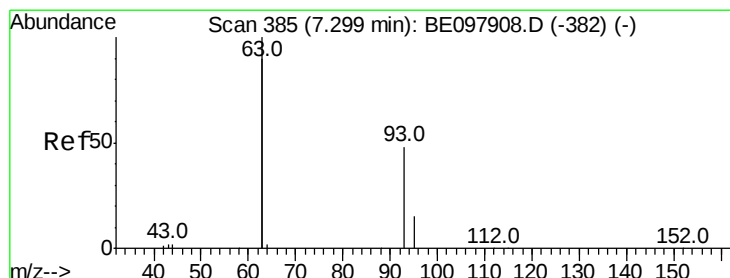
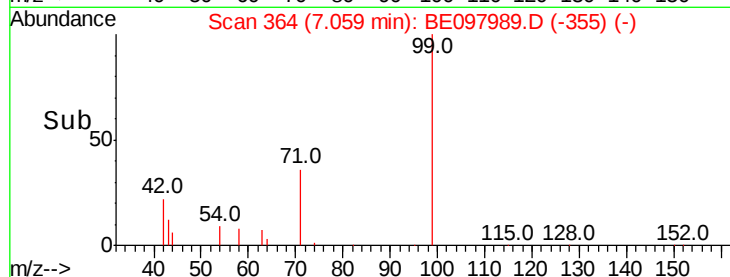
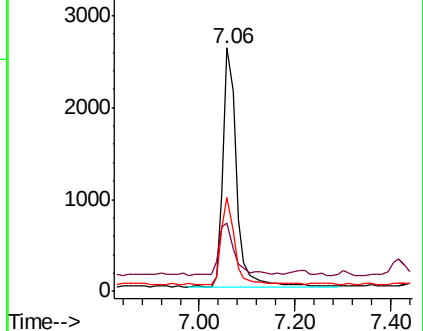
71 35.1 27.8 41.8



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: 0.346 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.01 min

Lab File: BE097989.D

Acq: 19 Oct 2018 12:28

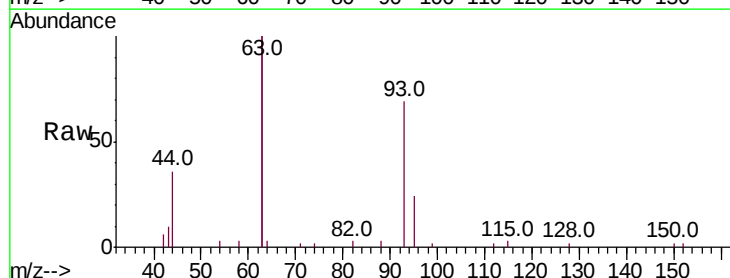
Tgt Ion: 93 Resp: 3547

Ion Ratio Lower Upper

93 100

63 335.4 259.0 388.4

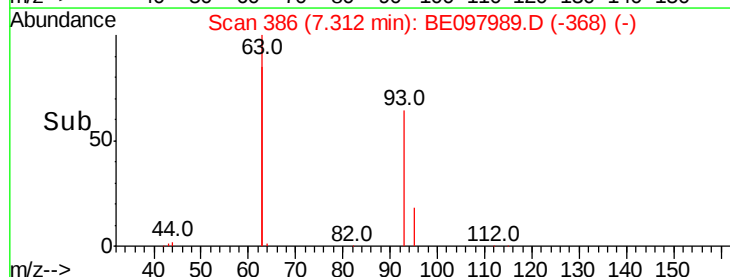
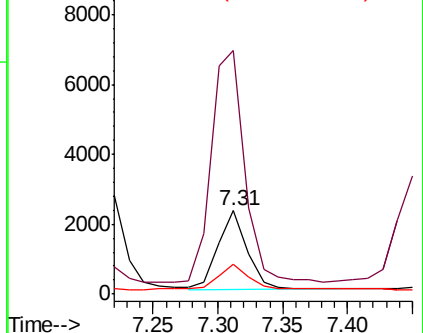
95 33.8 27.8 41.8

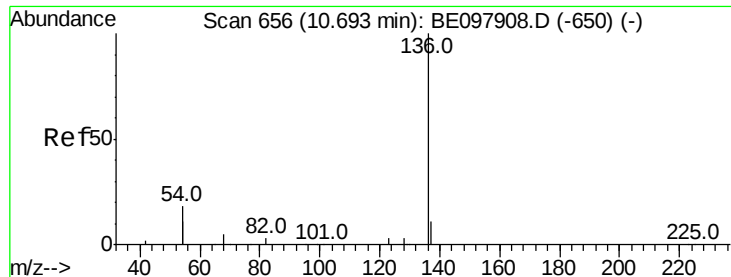


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.69 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE097989.D

Acq: 19 Oct 2018 12:28

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 13169

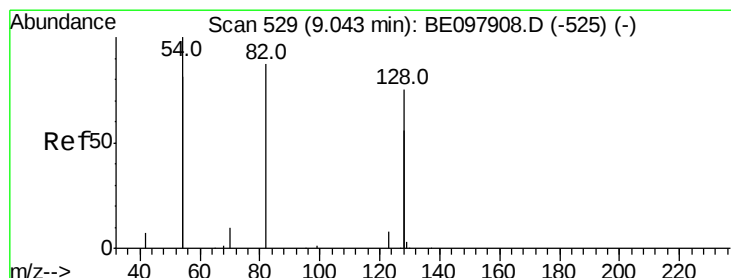
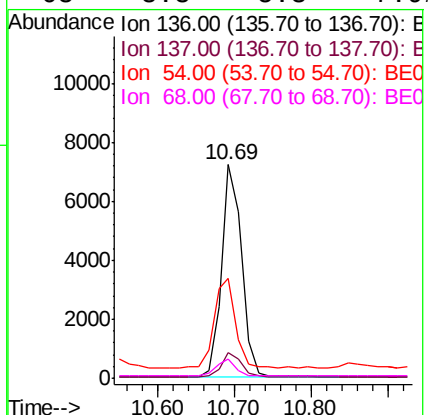
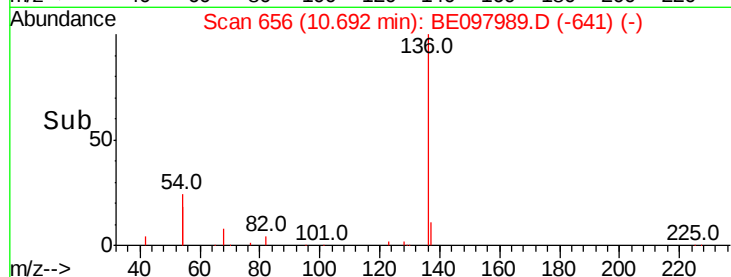
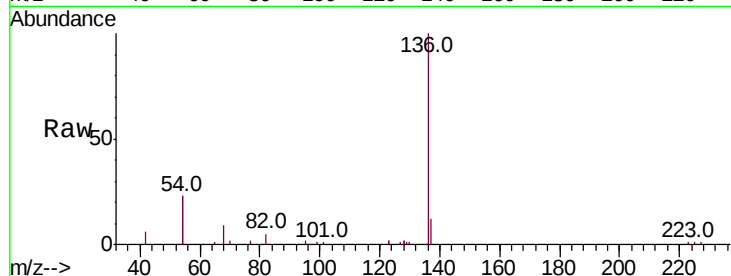
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 47.0 27.7 41.5#

68 8.8 5.3 7.9#



#8

Nitrobenzene-d5

Concen: 0.362 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097989.D

Acq: 19 Oct 2018 12:28

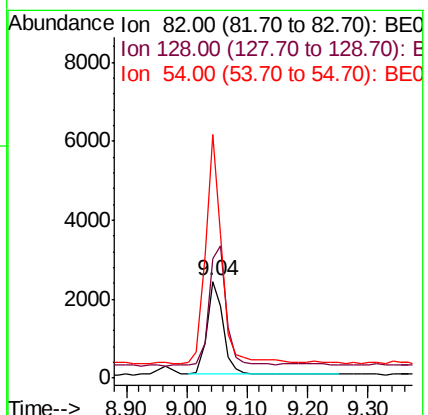
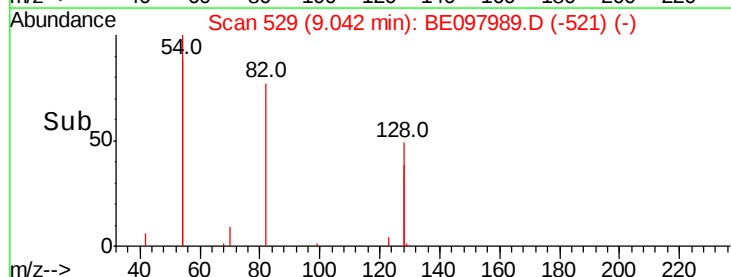
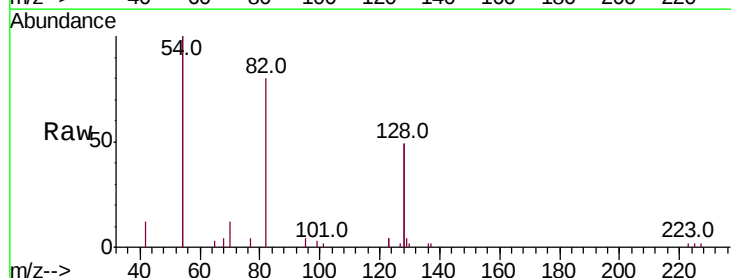
Tgt Ion: 82 Resp: 4510

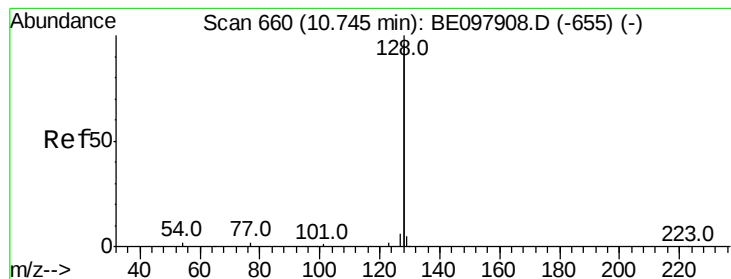
Ion Ratio Lower Upper

82 100

128 123.5 129.9 194.9#

54 251.1 174.0 261.0





#9

Naphthalene

Concen: 0.371 ng

RT: 10.74 min Scan# 660

Delta R.T. -0.00 min

Lab File: BE097989.D

Acq: 19 Oct 2018 12:28

Instrument :

BNA_E

ClientSampleId :

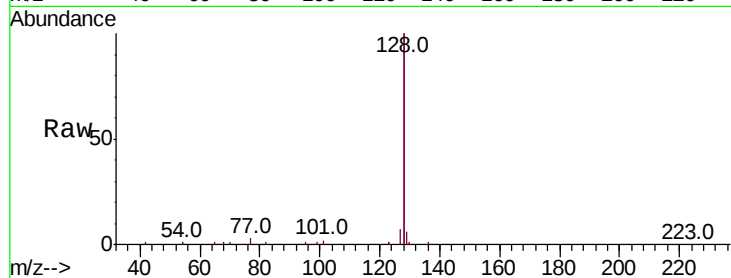
Tot Ion:128 Resp: 48647

Ion Ratio Lower Upper

128 100

129 3.0 2.5 3.7

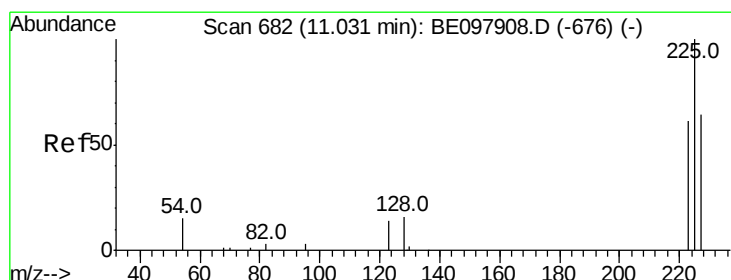
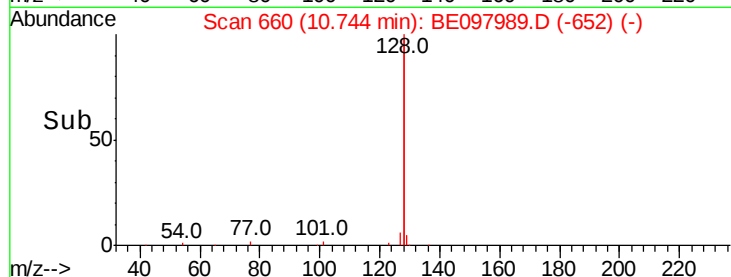
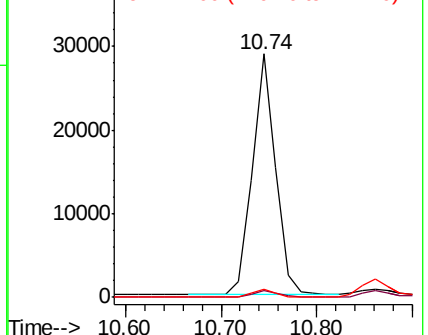
127 3.4 2.8 4.2



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: 0.366 ng

RT: 11.03 min Scan# 682

Delta R.T. -0.00 min

Lab File: BE097989.D

Acq: 19 Oct 2018 12:28

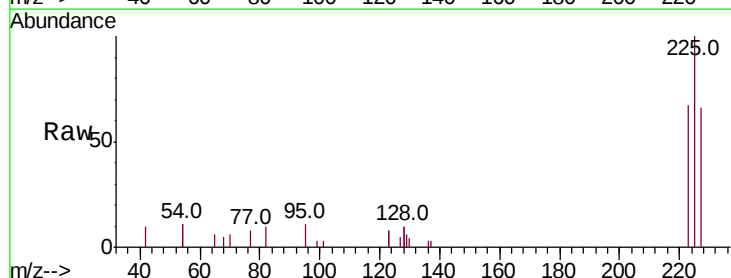
Tgt Ion:225 Resp: 2583

Ion Ratio Lower Upper

225 100

223 64.7 51.8 77.8

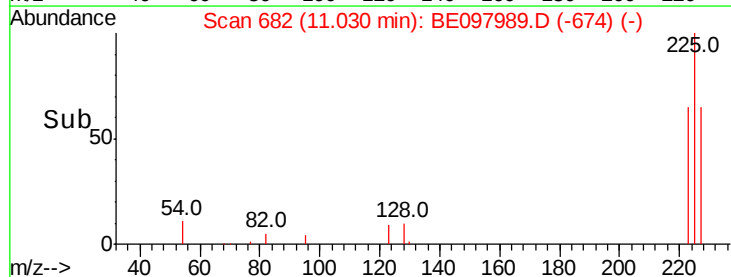
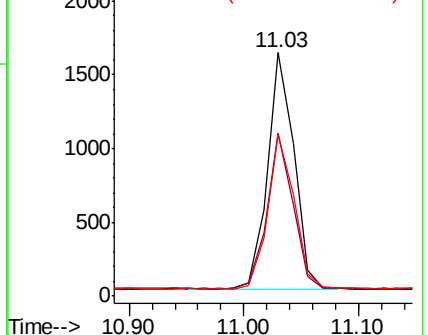
227 65.6 53.0 79.6

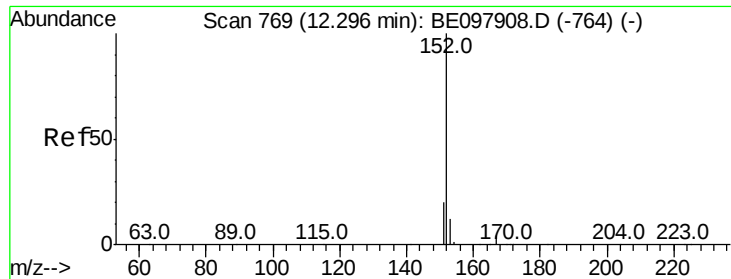


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

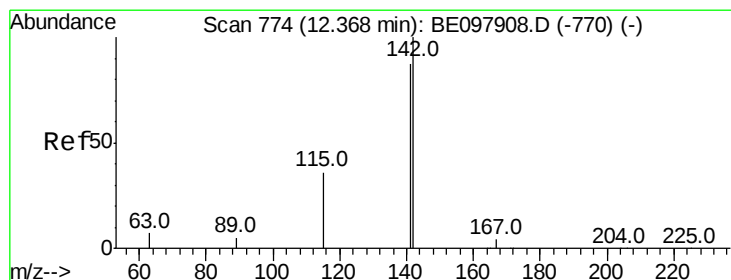
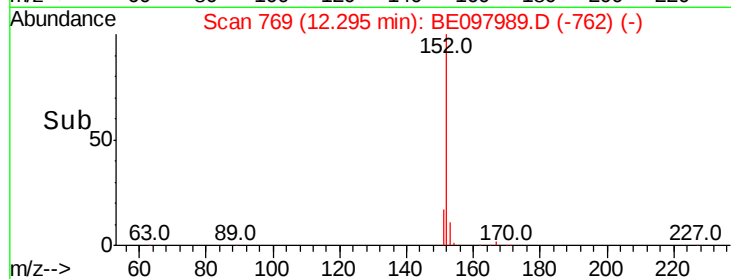
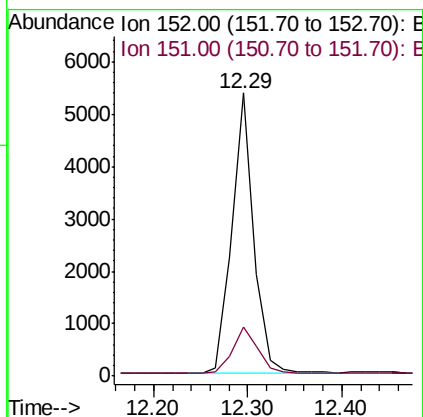
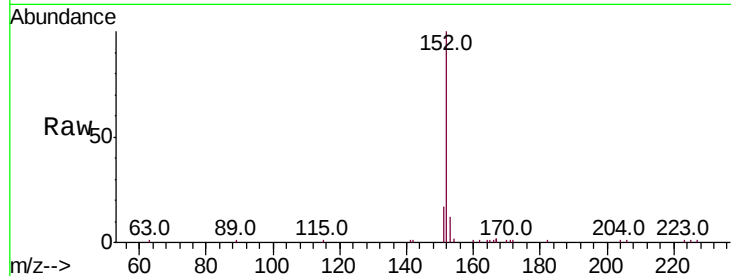




#11
 2-Methylnaphthalene-d10
 Concen: 0.393 ng
 RT: 12.29 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE097989.D
 Acq: 19 Oct 2018 12:28

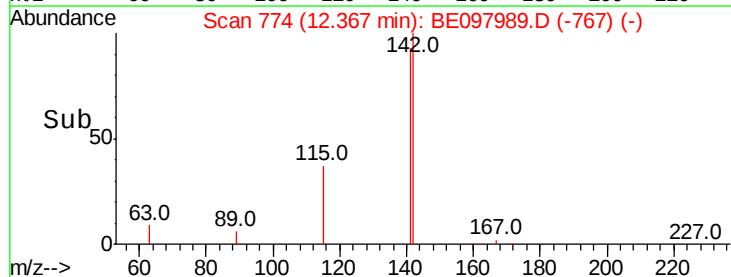
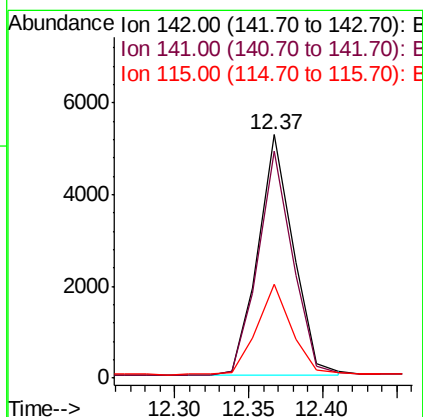
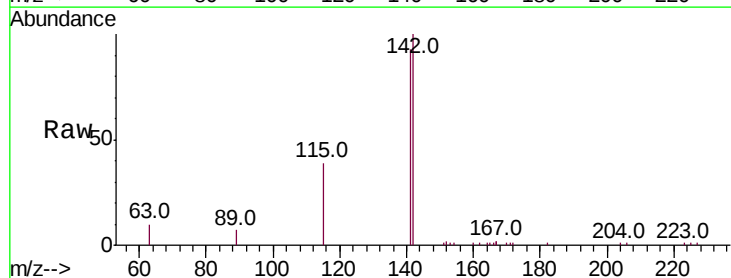
Instrument :
 BNA_E
 ClientSampleId :

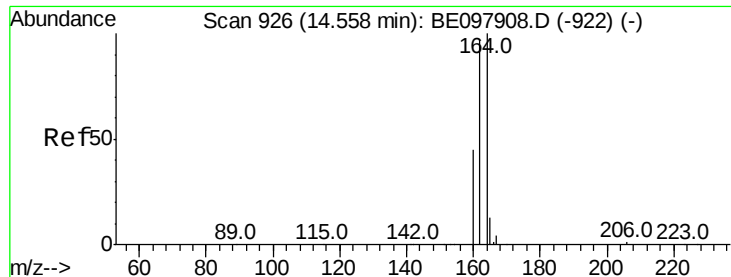
Tot Ion:152 Resp: 8611
 Ion Ratio Lower Upper
 152 100
 151 19.0 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 0.386 ng
 RT: 12.37 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BE097989.D
 Acq: 19 Oct 2018 12:28

Tgt Ion:142 Resp: 8681
 Ion Ratio Lower Upper
 142 100
 141 93.0 69.8 104.6
 115 38.5 30.5 45.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE097989.D

Acq: 19 Oct 2018 12:28

Instrument :

BNA_E

ClientSampleId :

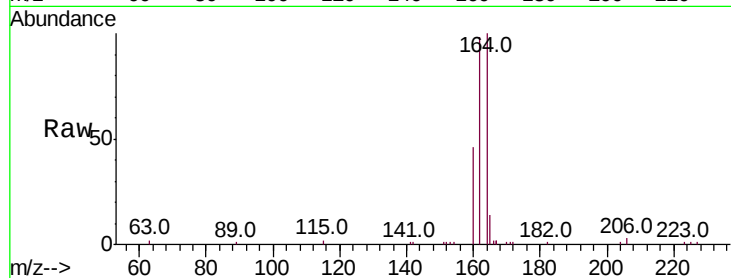
Tot Ion:164 Resp: 9137

Ion Ratio Lower Upper

164 100

162 97.6 77.4 116.2

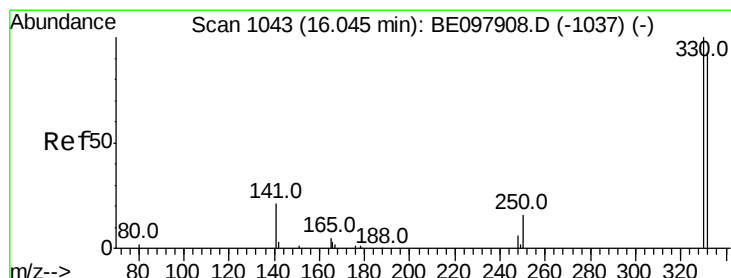
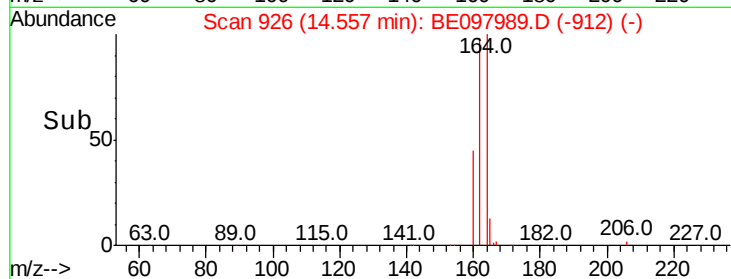
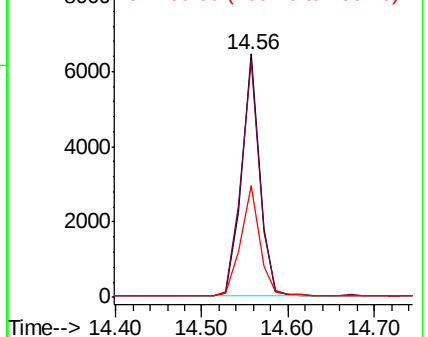
160 45.7 36.5 54.7



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: 0.318 ng

RT: 16.04 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BE097989.D

Acq: 19 Oct 2018 12:28

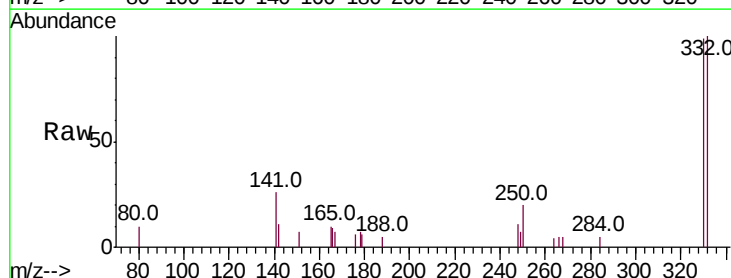
Tgt Ion:330 Resp: 1565

Ion Ratio Lower Upper

330 100

332 98.5 76.5 114.7

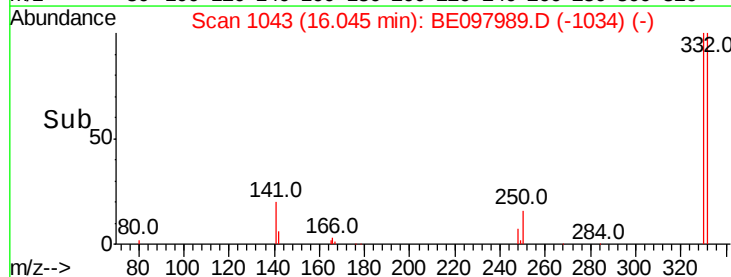
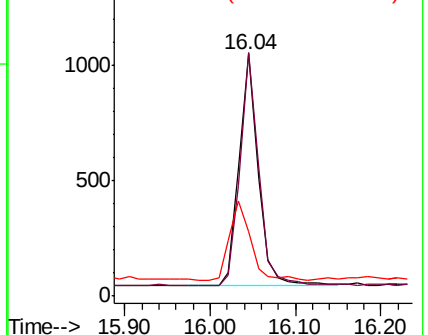
141 38.4 31.8 47.6

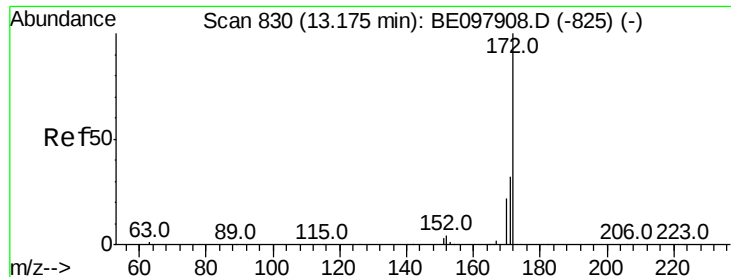


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

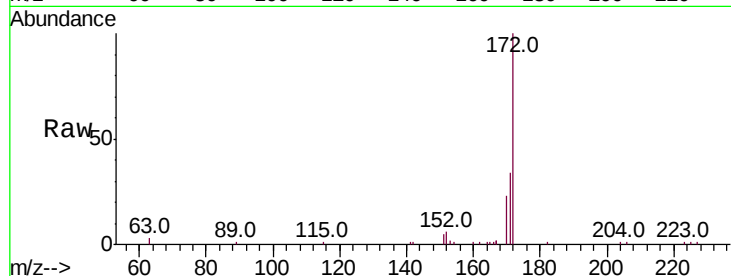




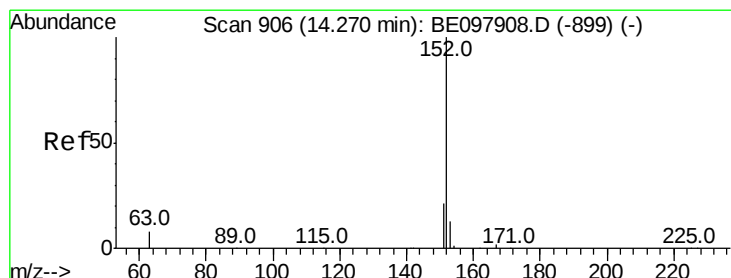
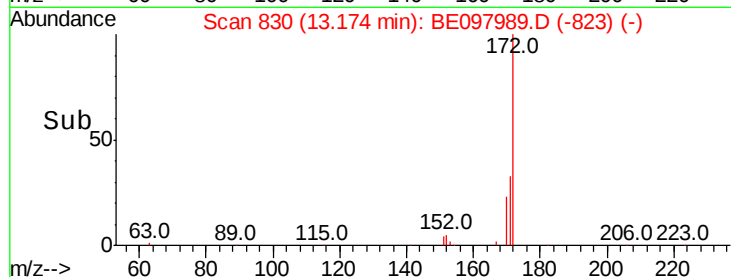
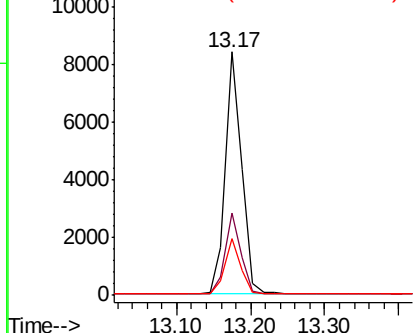
#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE097989.D
Acq: 19 Oct 2018 12:28

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 12870
Ion Ratio Lower Upper
172 100
171 33.8 26.0 39.0
170 23.2 18.0 27.0

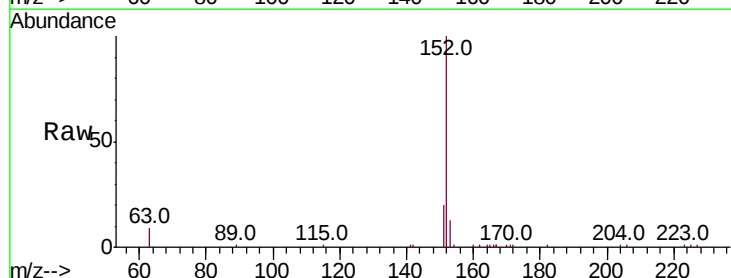


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

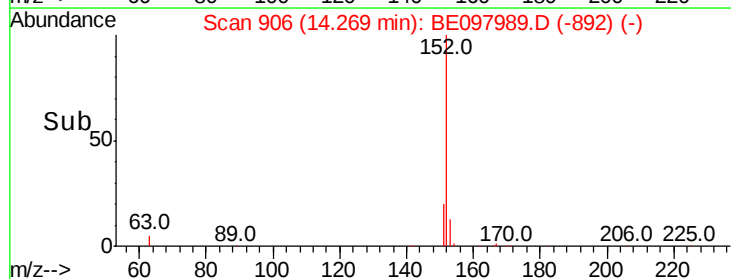
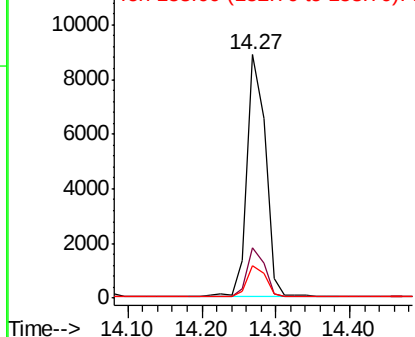


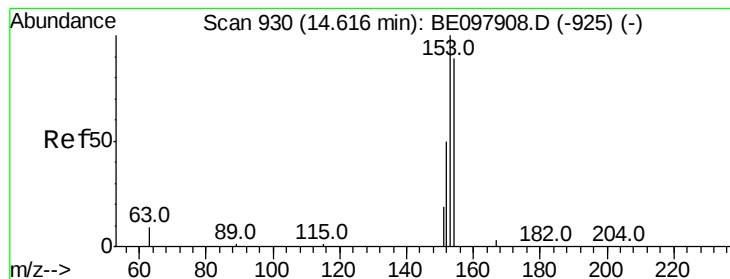
#16
Acenaphthylene
Concen: 0.362 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097989.D
Acq: 19 Oct 2018 12:28

Tgt Ion:152 Resp: 15274
Ion Ratio Lower Upper
152 100
151 19.4 16.1 24.1
153 13.1 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.363 ng

RT: 14.61 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE097989.D

Acq: 19 Oct 2018 12:28

Instrument :

BNA_E

ClientSampleId :

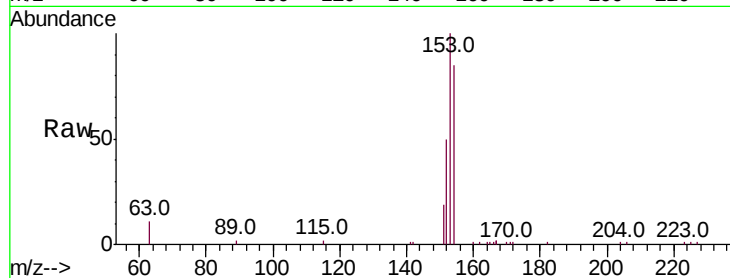
Tot Ion:154 Resp: 9359

Ion Ratio Lower Upper

154 100

153 115.1 92.6 139.0

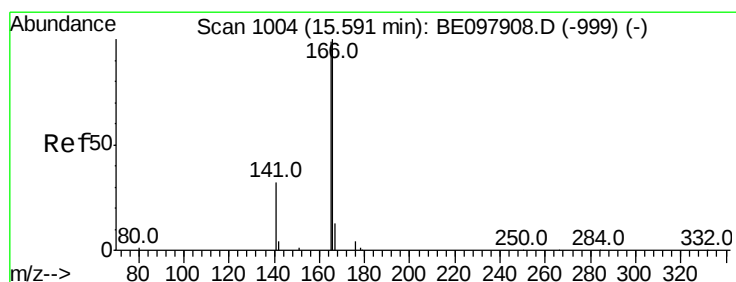
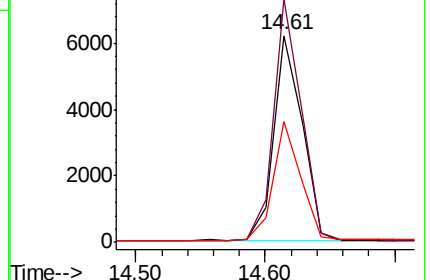
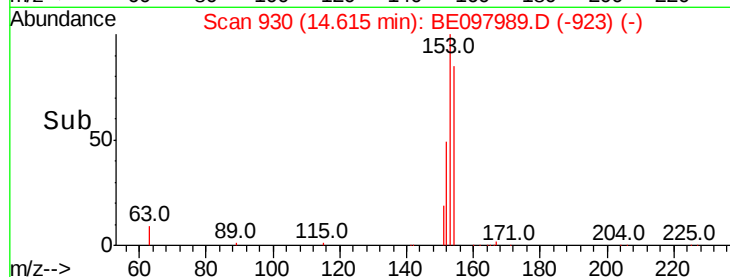
152 56.7 45.5 68.3



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: 0.343 ng

RT: 15.59 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE097989.D

Acq: 19 Oct 2018 12:28

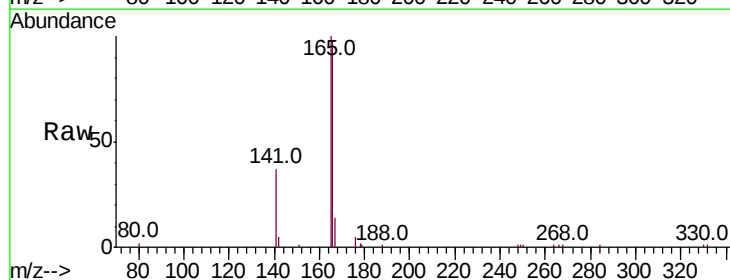
Tgt Ion:166 Resp: 12187

Ion Ratio Lower Upper

166 100

165 99.1 78.2 117.4

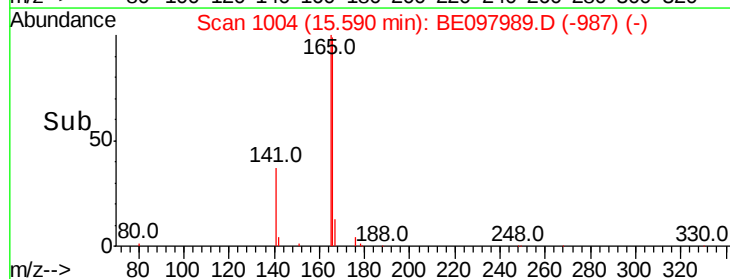
167 13.2 11.0 16.6



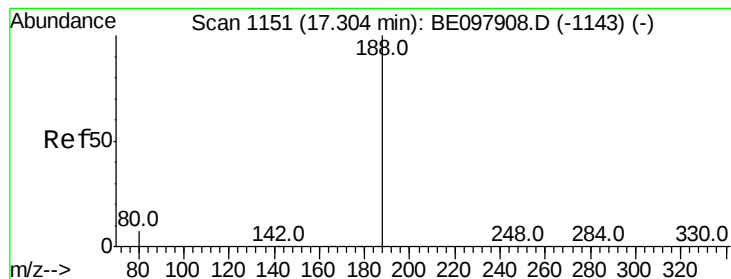
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.30 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE097989.D

Acq: 19 Oct 2018 12:28

Instrument :

BNA_E

ClientSampleId :

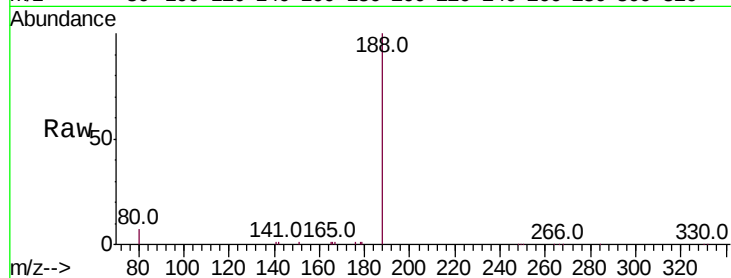
Tot Ion:188 Resp: 22527

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

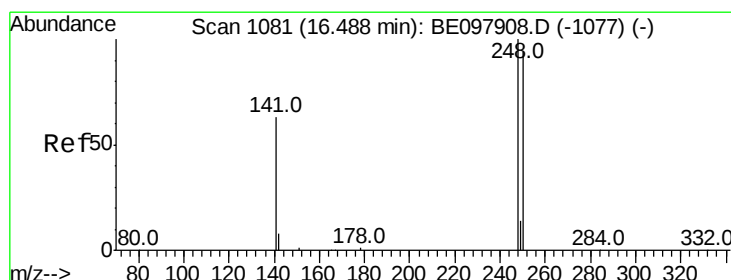
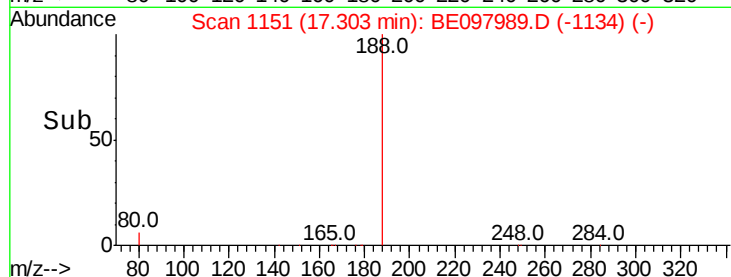
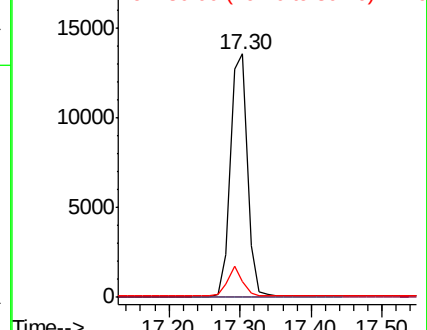
80 6.6 6.3 9.5



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: 0.365 ng

RT: 16.49 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BE097989.D

Acq: 19 Oct 2018 12:28

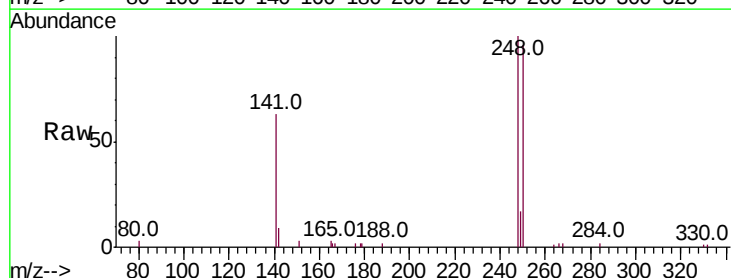
Tgt Ion:248 Resp: 4491

Ion Ratio Lower Upper

248 100

250 95.6 75.1 112.7

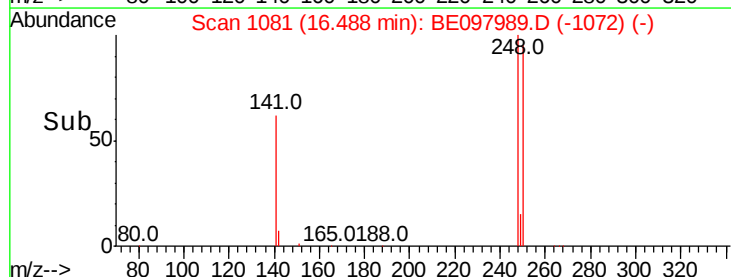
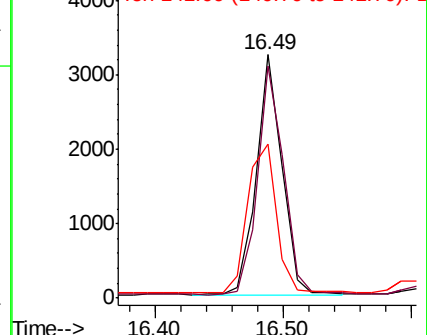
141 63.1 51.8 77.8

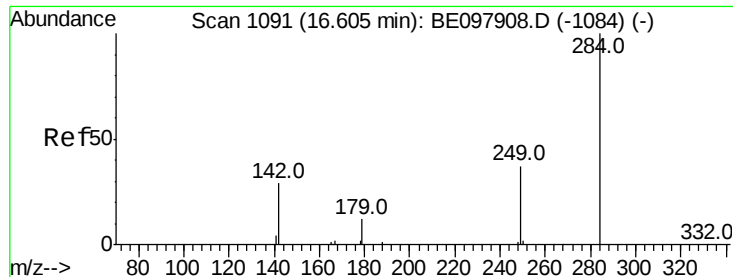


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.378 ng

RT: 16.60 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE097989.D

Acq: 19 Oct 2018 12:28

Instrument :

BNA_E

ClientSampleId :

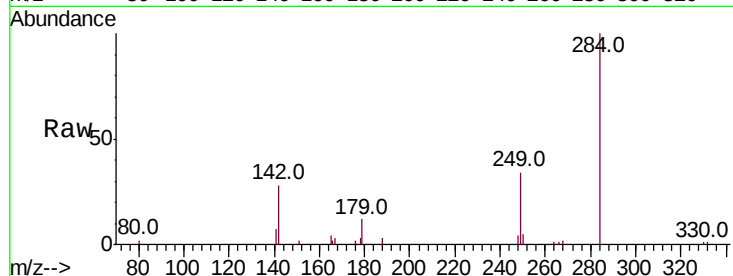
Tot Ion:284 Resp: 4574

Ion Ratio Lower Upper

284 100

142 33.1 25.9 38.9

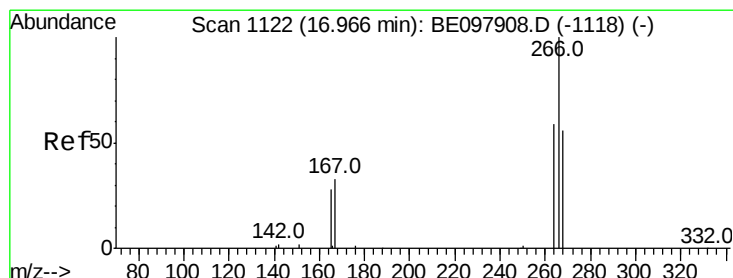
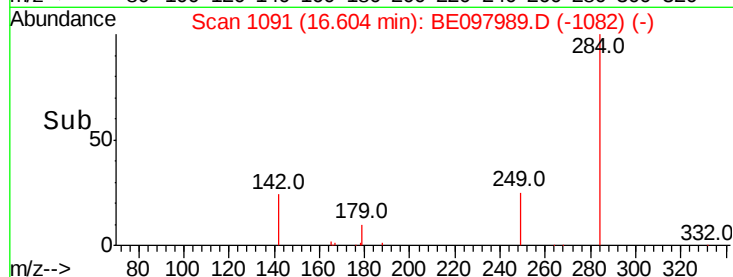
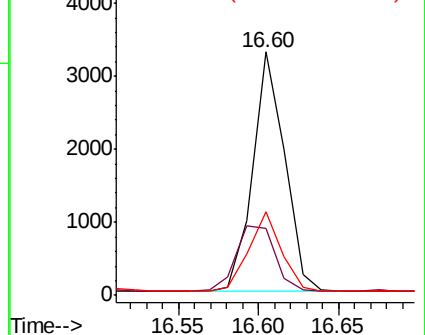
249 33.6 26.6 40.0



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: 0.448 ng

RT: 16.97 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE097989.D

Acq: 19 Oct 2018 12:28

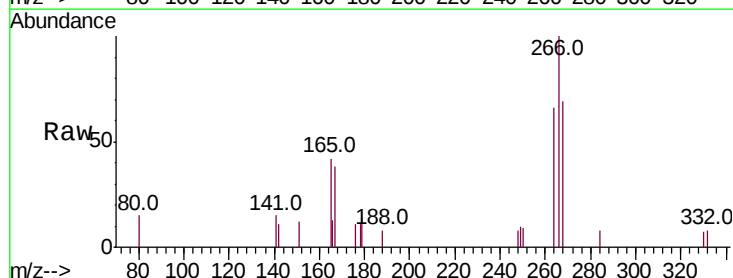
Tgt Ion:266 Resp: 1336

Ion Ratio Lower Upper

266 100

264 65.7 51.3 76.9

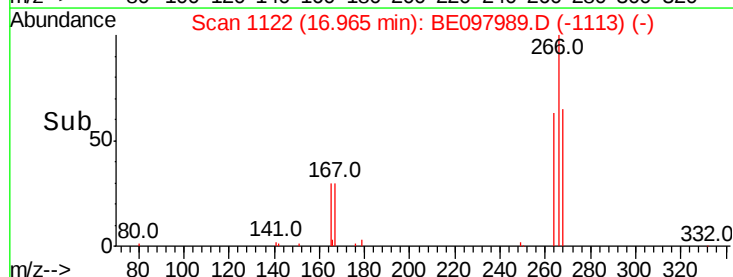
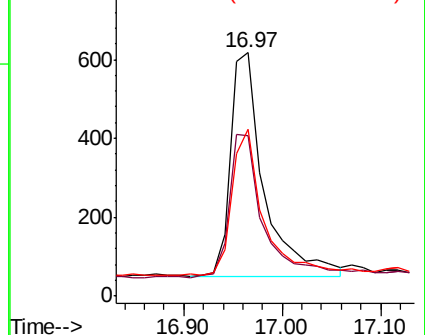
268 68.6 50.1 75.1

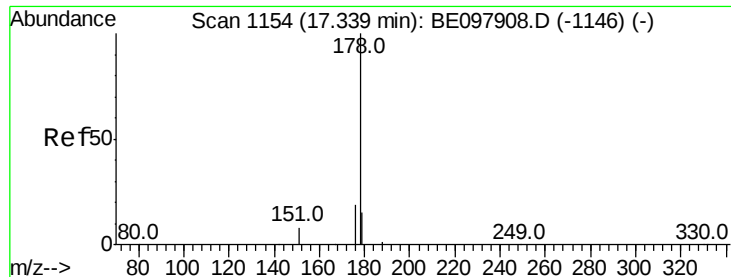


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.357 ng

RT: 17.34 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097989.D

Acq: 19 Oct 2018 12:28

Instrument :

BNA_E

ClientSampleId :

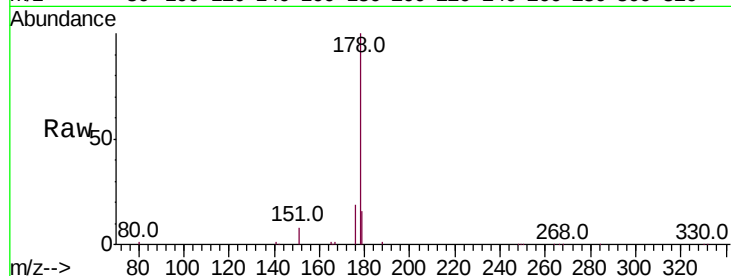
Tot Ion:178 Resp: 20441

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.3 12.2 18.4

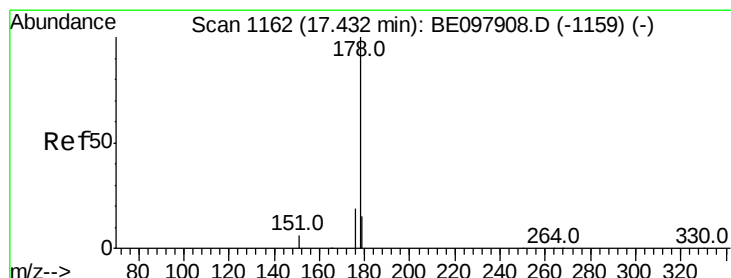
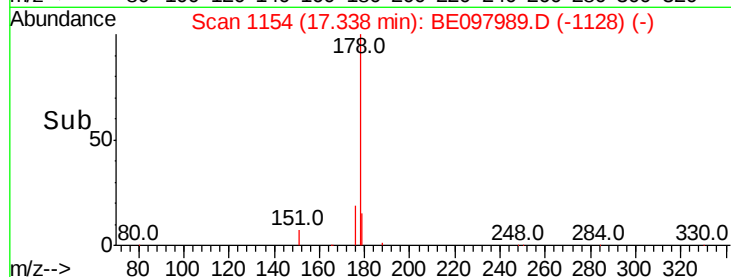
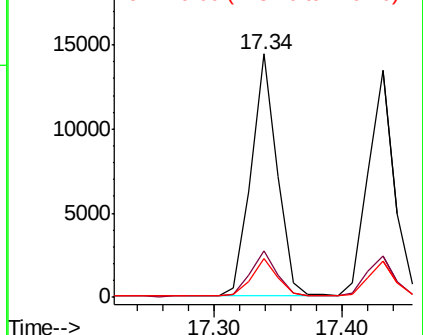


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.350 ng

RT: 17.43 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BE097989.D

Acq: 19 Oct 2018 12:28

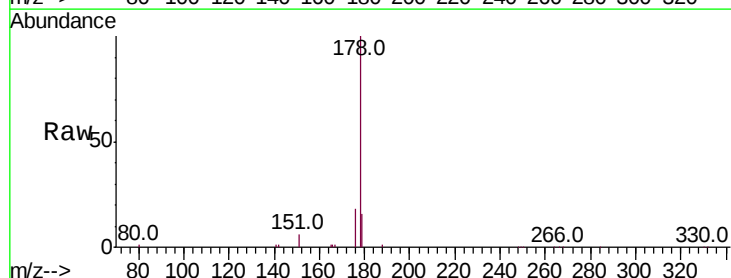
Tgt Ion:178 Resp: 18914

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

179 15.7 11.9 17.9

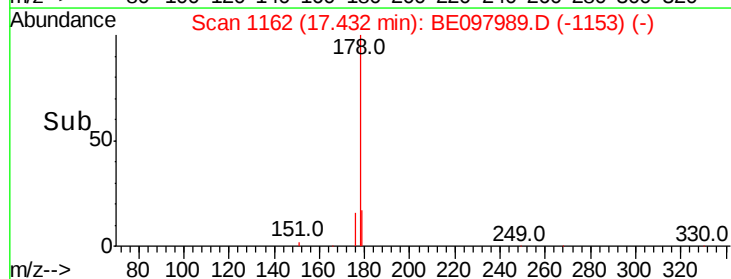
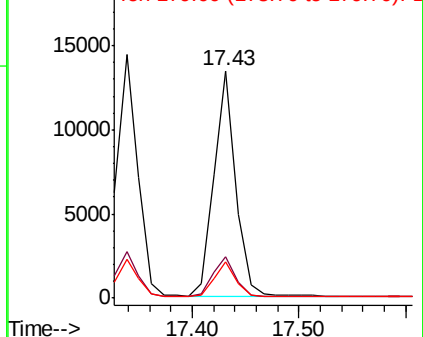


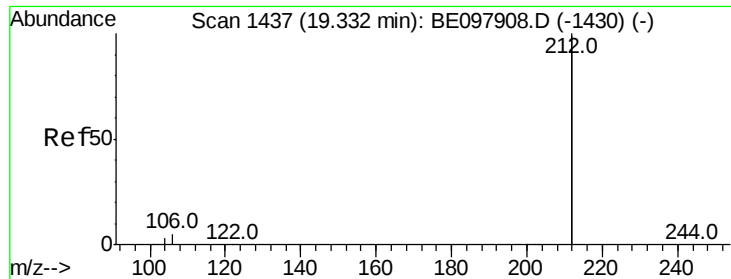
Abundance

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: 0.317 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BE097989.D

Acq: 19 Oct 2018 12:28

Instrument :

BNA_E

ClientSampleId :

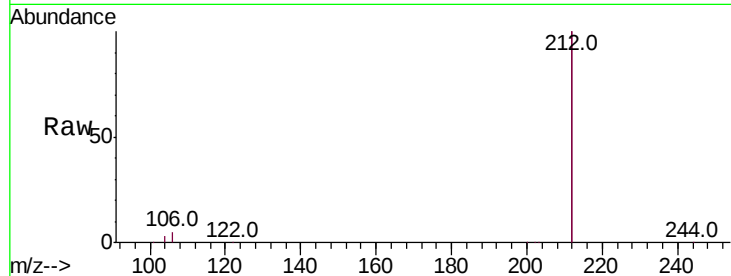
Tot Ion:212 Resp: 96904

Ion Ratio Lower Upper

212 100

106 2.8 2.3 3.5

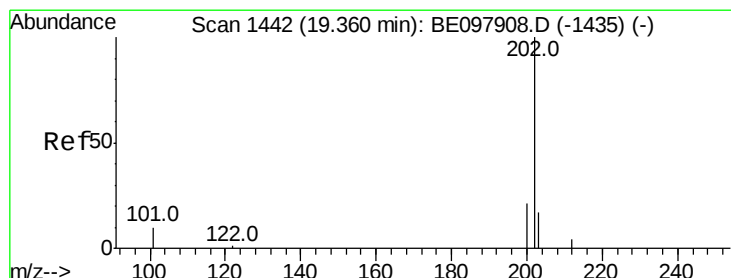
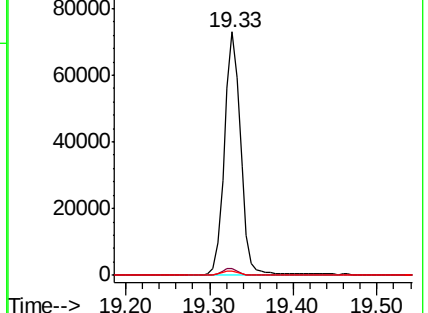
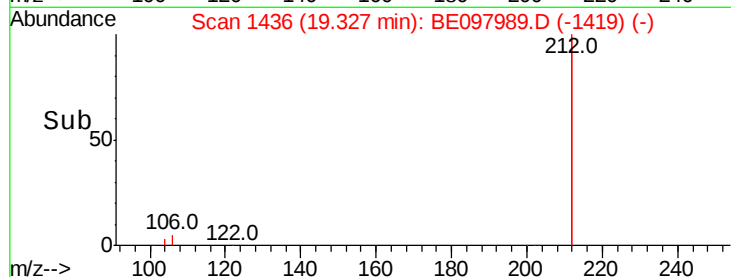
104 1.5 1.3 1.9



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: 0.318 ng

RT: 19.36 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BE097989.D

Acq: 19 Oct 2018 12:28

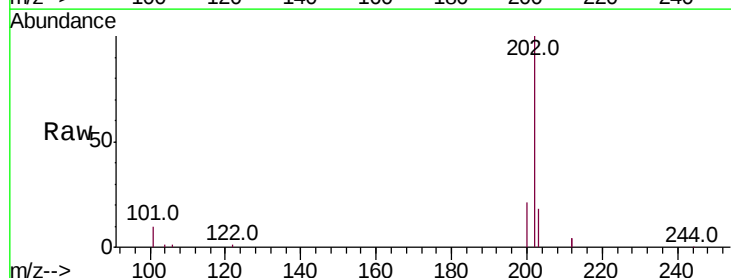
Tgt Ion:202 Resp: 23848

Ion Ratio Lower Upper

202 100

101 10.2 8.2 12.2

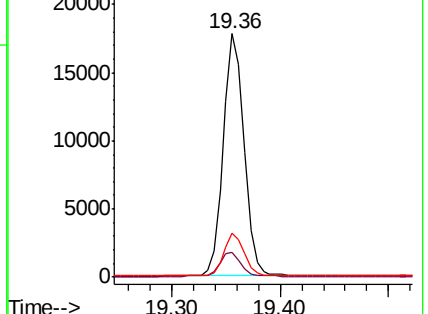
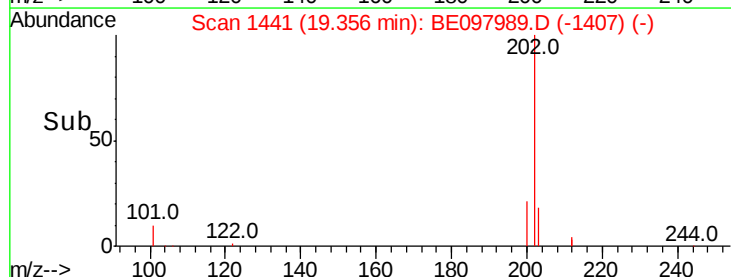
203 17.1 15.0 22.4

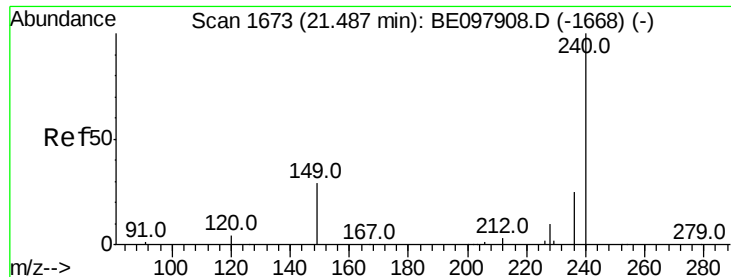


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.47 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097989.D

Acq: 19 Oct 2018 12:28

Instrument :

BNA_E

ClientSampleId :

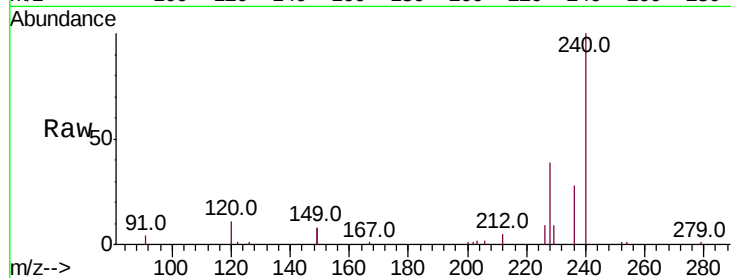
Tot Ion:240 Resp: 24820

Ion Ratio Lower Upper

240 100

120 11.1 7.1 10.7#

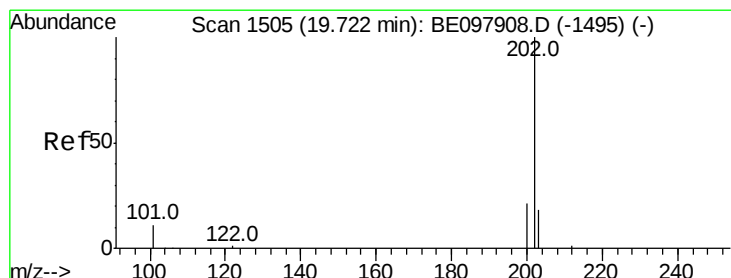
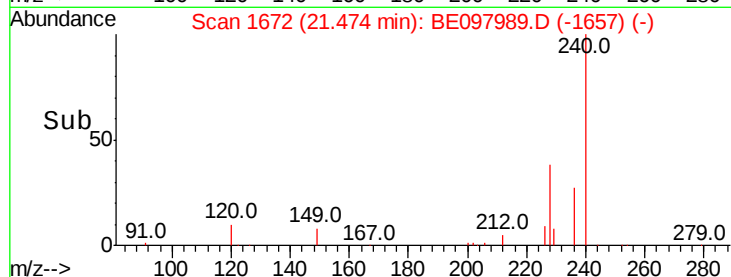
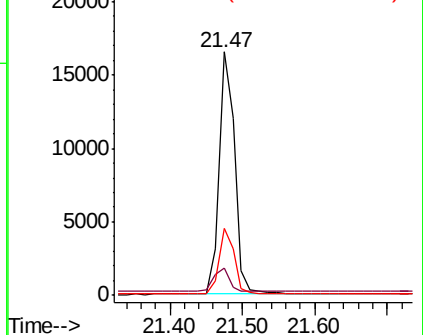
236 27.5 21.3 31.9



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: 0.351 ng

RT: 19.72 min Scan# 1504

Delta R.T. -0.00 min

Lab File: BE097989.D

Acq: 19 Oct 2018 12:28

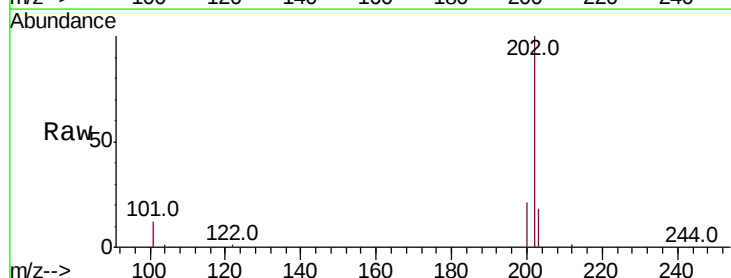
Tgt Ion:202 Resp: 25159

Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

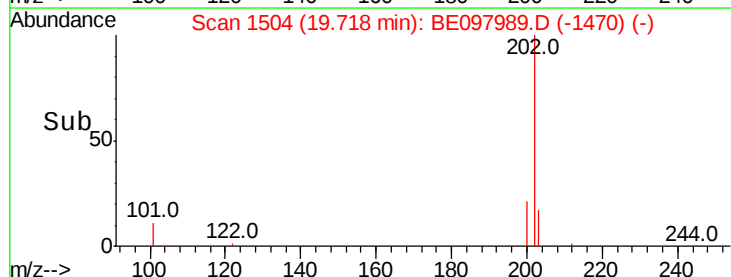
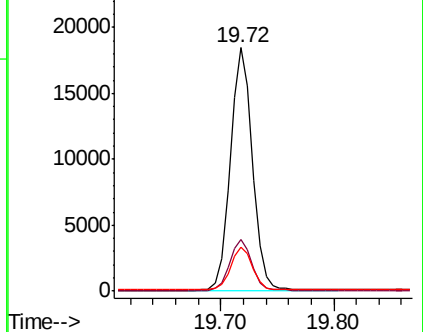
203 17.6 14.2 21.4

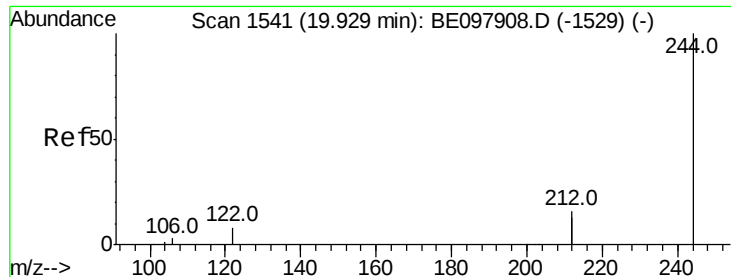


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.345 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BE097989.D

Acq: 19 Oct 2018 12:28

Instrument :

BNA_E

ClientSampleId :

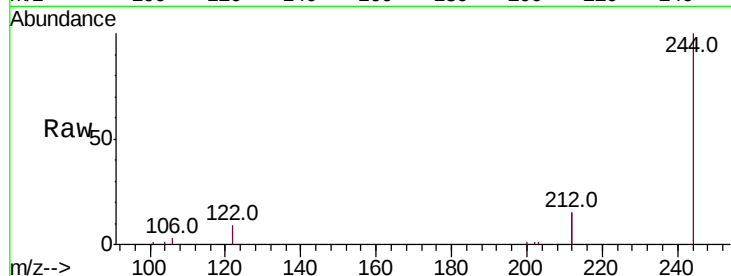
Tot Ion:244 Resp: 19607

Ion Ratio Lower Upper

244 100

212 30.0 26.2 39.2

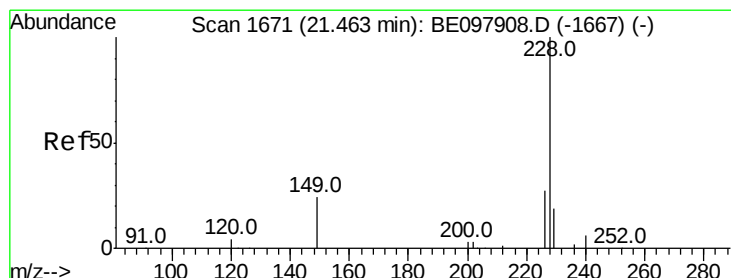
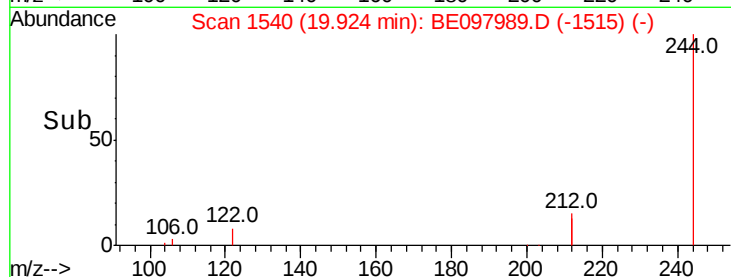
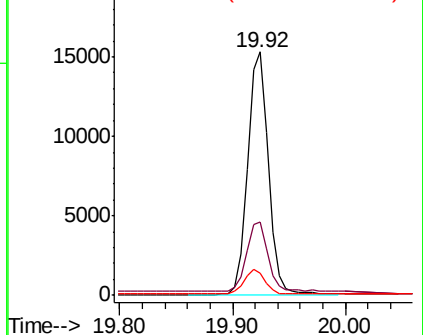
122 8.9 7.7 11.5



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: 0.351 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE097989.D

Acq: 19 Oct 2018 12:28

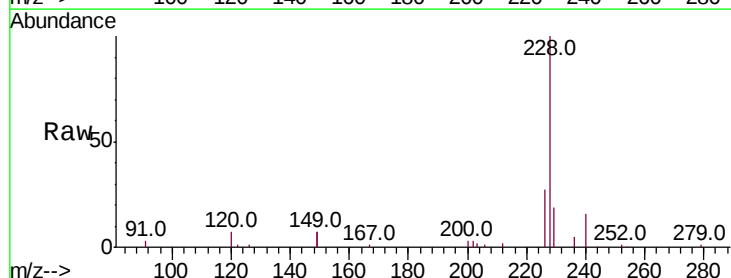
Tgt Ion:228 Resp: 26715

Ion Ratio Lower Upper

228 100

226 26.6 22.6 33.8

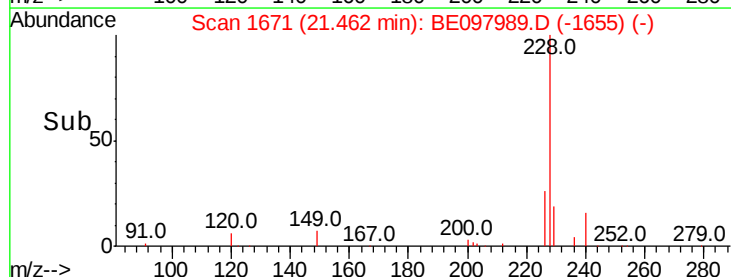
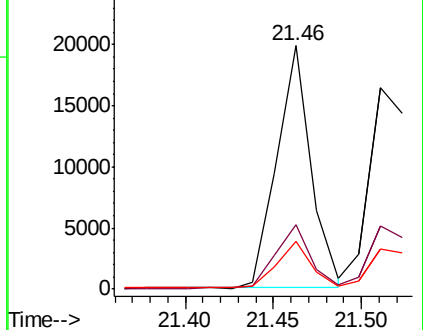
229 19.4 16.9 25.3

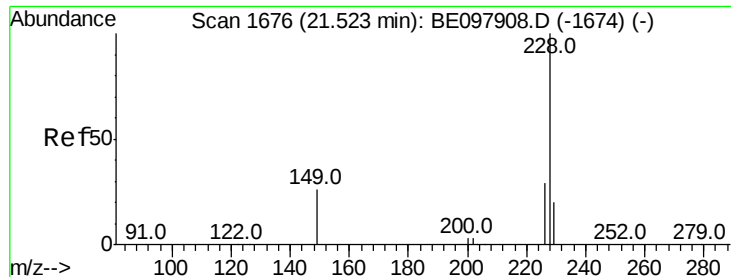


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.368 ng

RT: 21.51 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BE097989.D

Acq: 19 Oct 2018 12:28

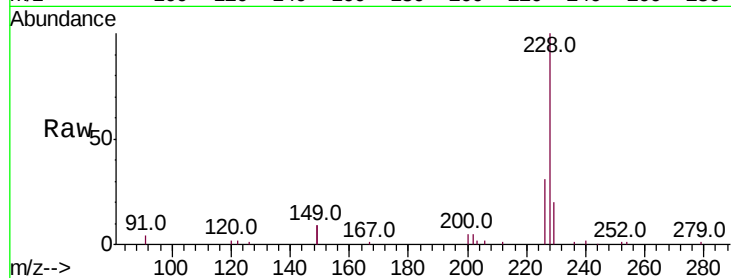
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 26519

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.3	36.5
229	19.9	17.3	25.9

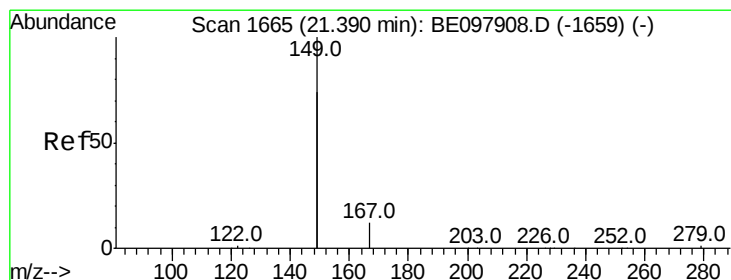
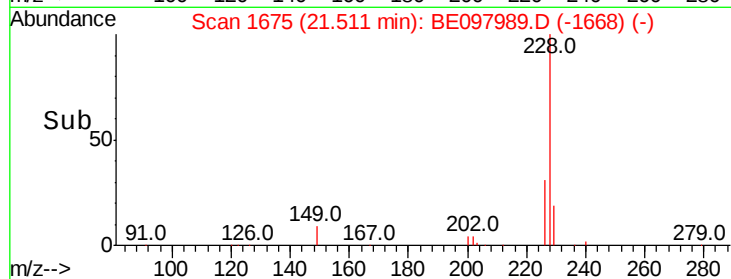
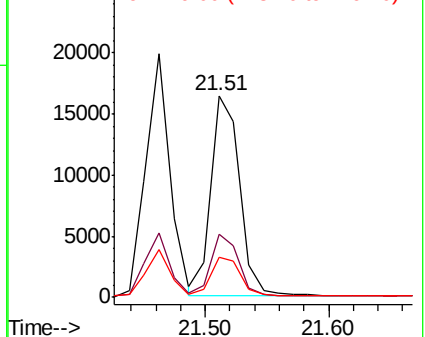


Abundance

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: 0.310 ng

RT: 21.39 min Scan# 1665

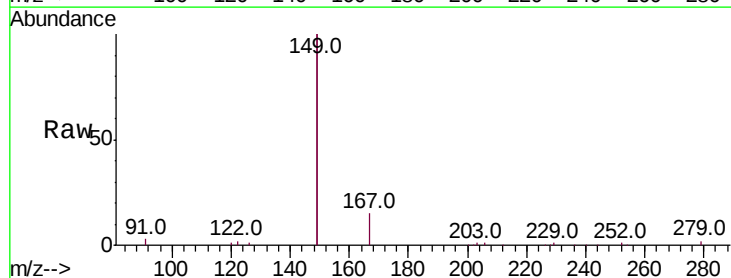
Delta R.T. -0.00 min

Lab File: BE097989.D

Acq: 19 Oct 2018 12:28

Tgt Ion:149 Resp: 59406

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.6	8.4
279	1.1	0.9	1.3

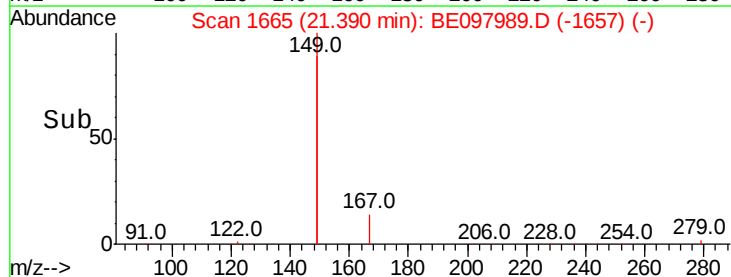
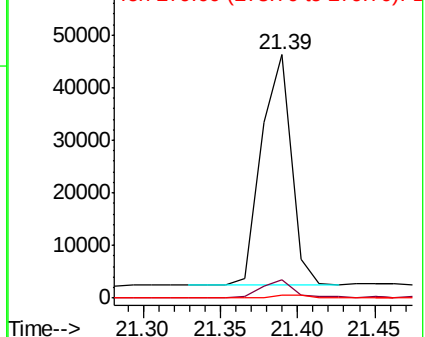


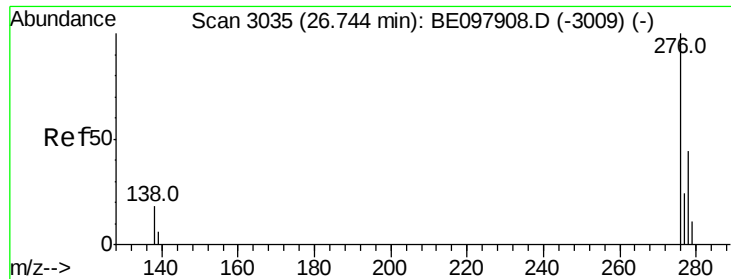
Abundance

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

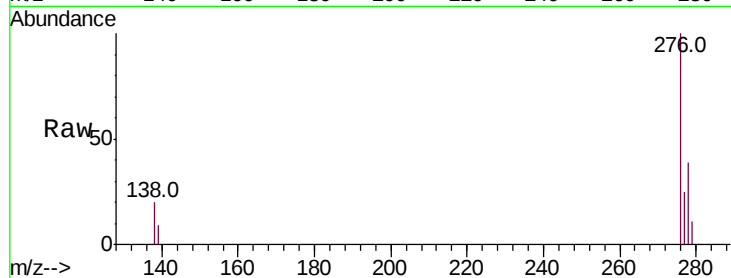




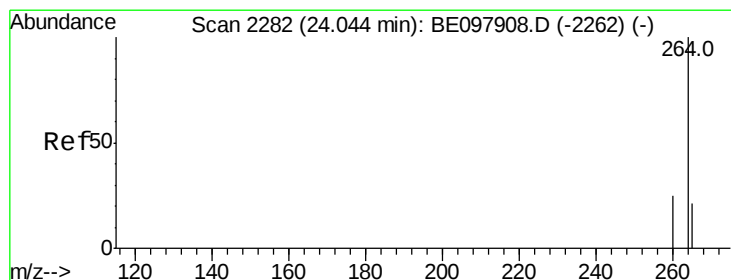
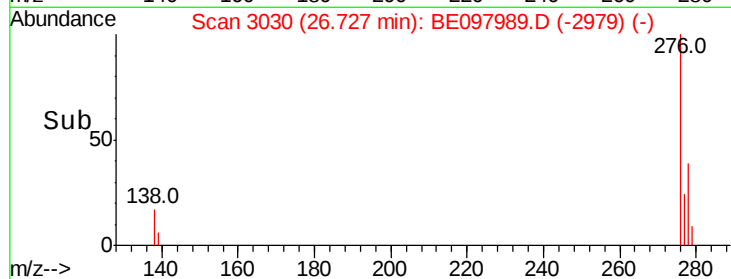
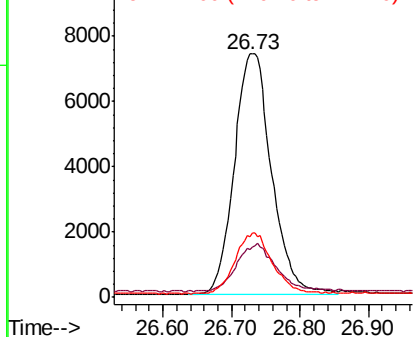
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.331 ng
RT: 26.73 min Scan# 3030
Delta R.T. -0.02 min
Lab File: BE097989.D
Acq: 19 Oct 2018 12:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 27959
Ion Ratio Lower Upper
276 100
138 20.4 17.0 25.6
277 25.1 20.5 30.7

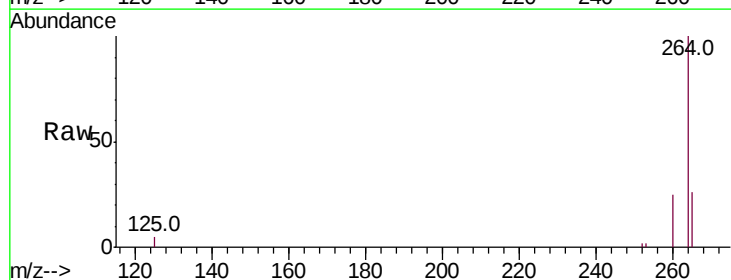


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

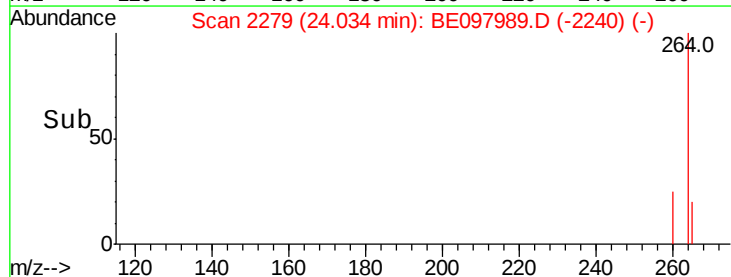
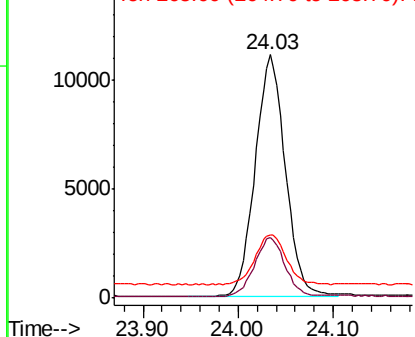


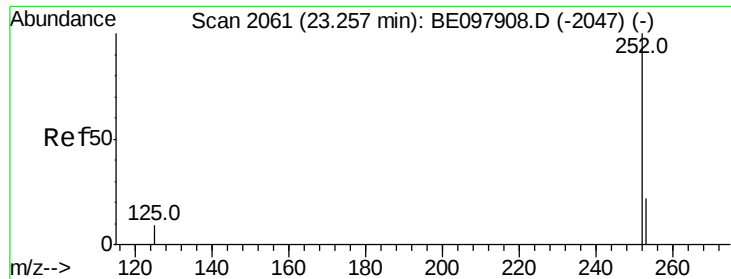
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.03 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BE097989.D
Acq: 19 Oct 2018 12:28

Tgt Ion:264 Resp: 24377
Ion Ratio Lower Upper
264 100
260 25.1 21.1 31.7
265 26.1 29.2 43.8#



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

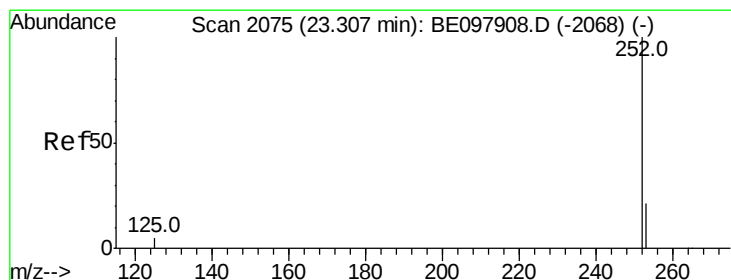
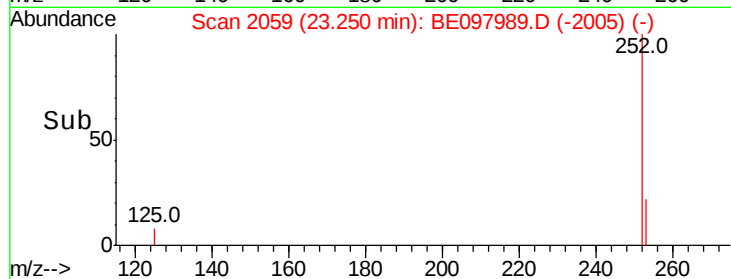
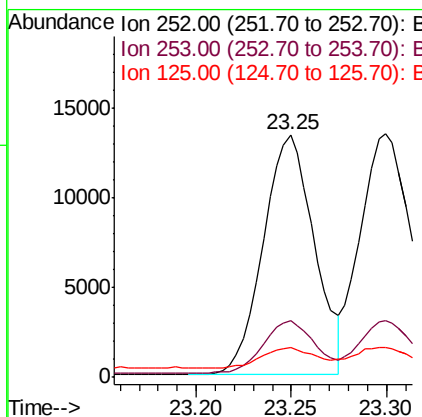
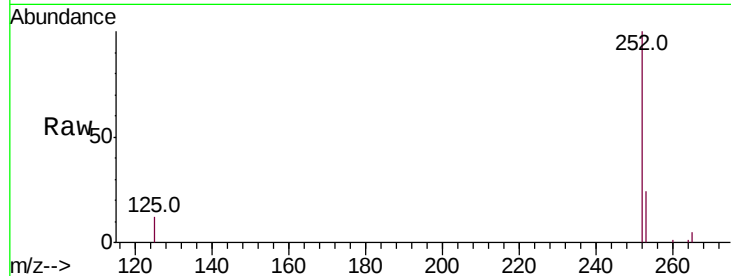




#35
Benzo(b)fluoranthene
Concen: 0.355 ng
RT: 23.25 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BE097989.D
Acq: 19 Oct 2018 12:28

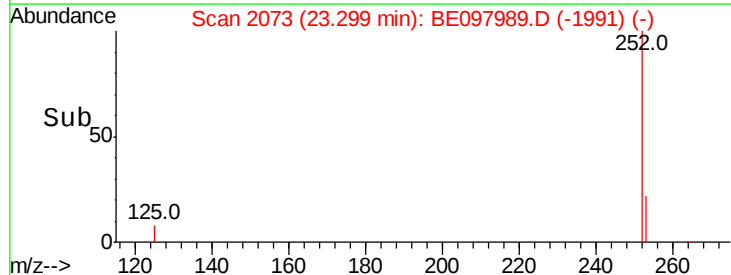
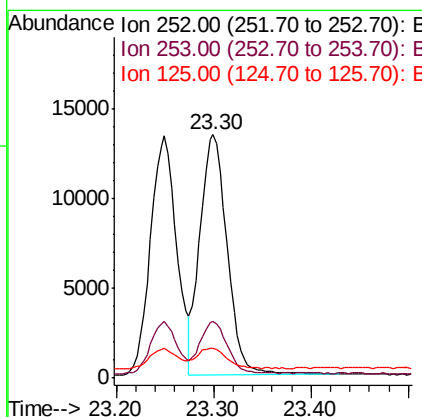
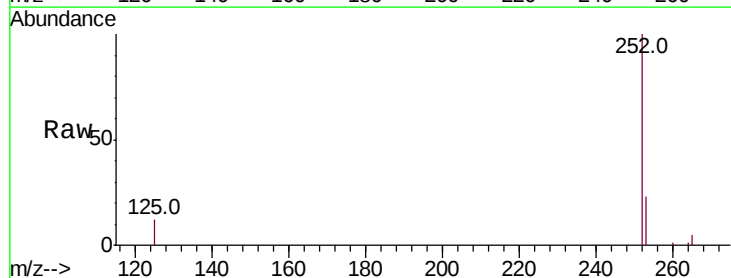
Instrument :
BNA_E
ClientSampleId :

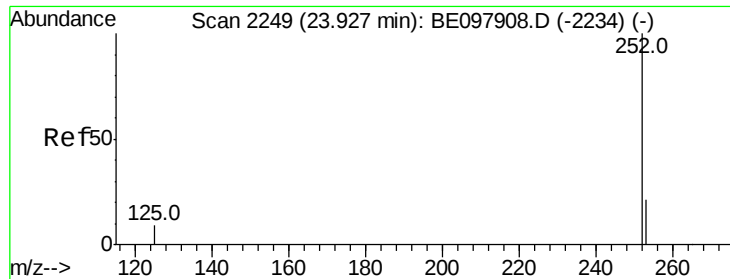
Tot Ion:252 Resp: 24936
Ion Ratio Lower Upper
252 100
253 23.5 20.6 31.0
125 12.3 14.3 21.5#



#36
Benzo(k)fluoranthene
Concen: 0.354 ng
RT: 23.30 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BE097989.D
Acq: 19 Oct 2018 12:28

Tgt Ion:252 Resp: 25895
Ion Ratio Lower Upper
252 100
253 23.5 20.4 30.6
125 12.1 14.6 21.8#





#37

Benzo(a)pyrene

Concen: 0.350 ng

RT: 23.92 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BE097989.D

Acq: 19 Oct 2018 12:28

Instrument :

BNA_E

ClientSampleId :

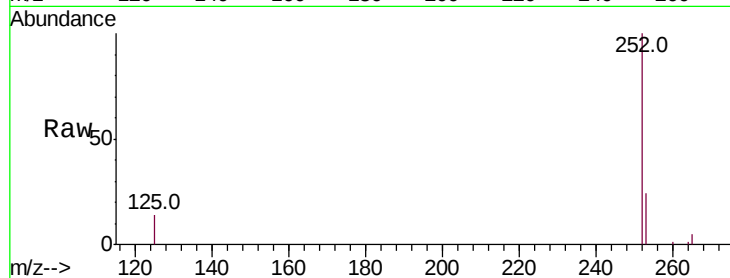
Tot Ion:252 Resp: 23923

Ion Ratio Lower Upper

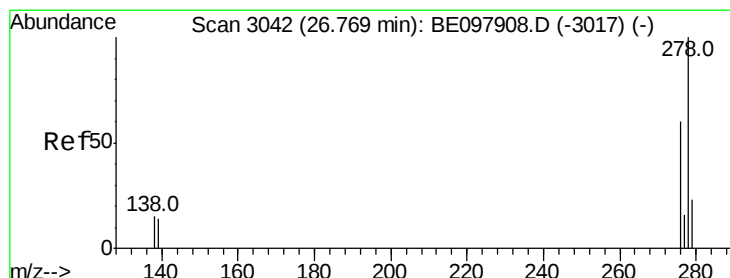
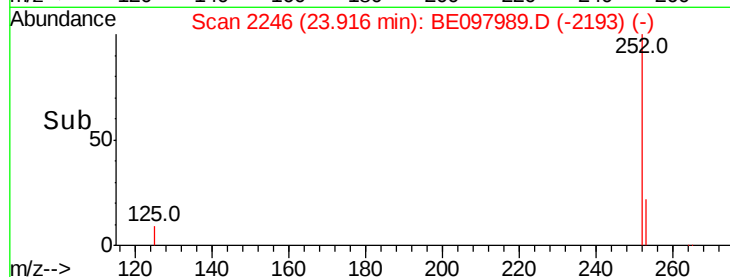
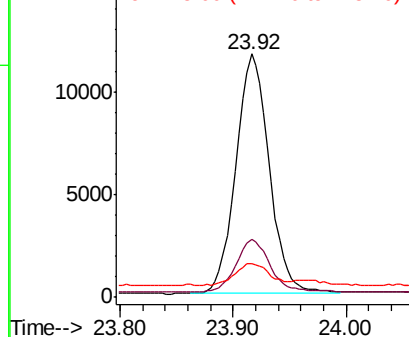
252 100

253 23.7 20.6 31.0

125 14.0 15.6 23.4#



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: 0.352 ng

RT: 26.76 min Scan# 3038

Delta R.T. -0.01 min

Lab File: BE097989.D

Acq: 19 Oct 2018 12:28

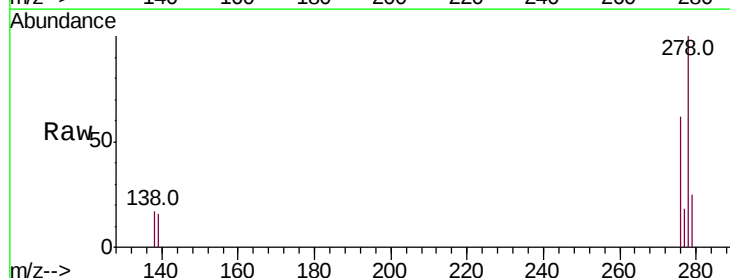
Tgt Ion:278 Resp: 23542

Ion Ratio Lower Upper

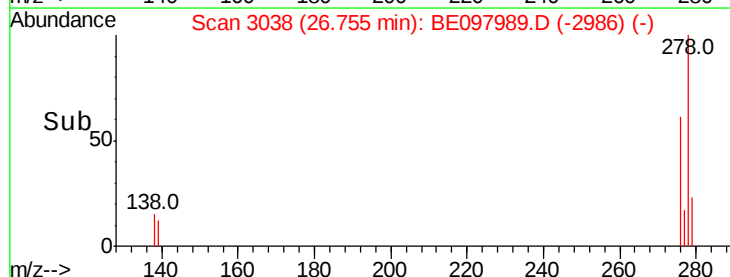
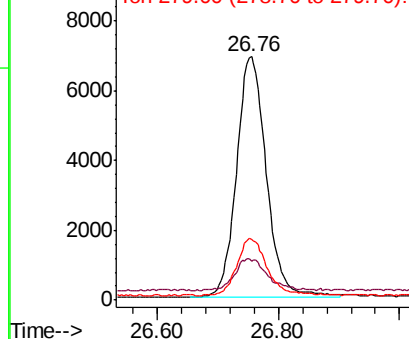
278 100

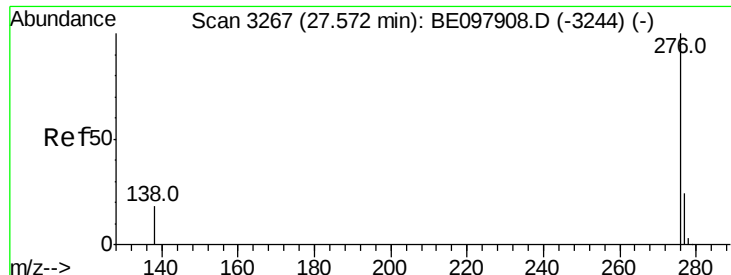
139 16.1 16.3 24.5#

279 24.8 21.4 32.2



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: 0.342 ng

RT: 27.55 min Scan# 3261

Delta R.T. -0.02 min

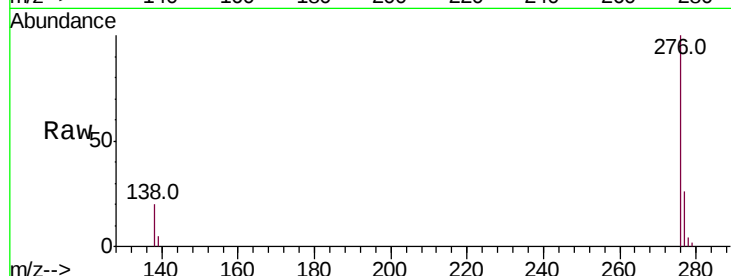
Lab File: BE097989.D

Acq: 19 Oct 2018 12:28

Instrument :

BNA_E

ClientSampleId :



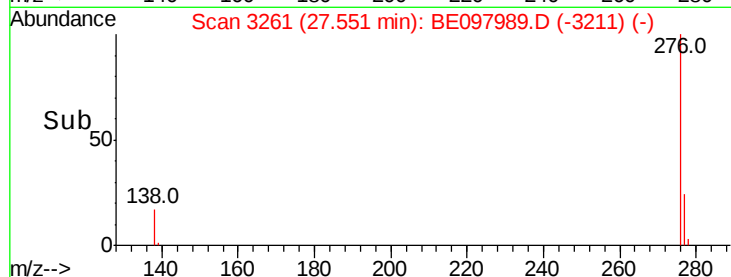
Tot Ion:276 Resp: 23435

Ion Ratio Lower Upper

276 100

277 25.5 22.1 33.1

138 20.0 19.3 28.9



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

