

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101918\
 Data File : BE097986.D
 Acq On : 19 Oct 2018 10:20
 Operator : SJ/JU
 Sample : PB113752BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 19 23:28:20 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	7.88	152	2601	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	10763	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	6353	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	15792	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	24563	0.40	ng	-0.01
34) Perylene-d12	24.03	264	24094	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	2253	0.27	ng	0.00
5) Phenol-d6	7.06	99	3265	0.27	ng	0.00
8) Nitrobenzene-d5	9.03	82	2574	0.25	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	5354	0.30	ng	-0.01
14) 2,4,6-Tribromophenol	16.03	330	826	0.24	ng	-0.01
15) 2-Fluorobiphenyl	13.16	172	6394	0.25	ng	-0.01
25) Fluoranthene-d10	19.32	212	61766	0.29	ng	-0.01
29) Terphenyl-d14	19.92	244	17632	0.31	ng	-0.01

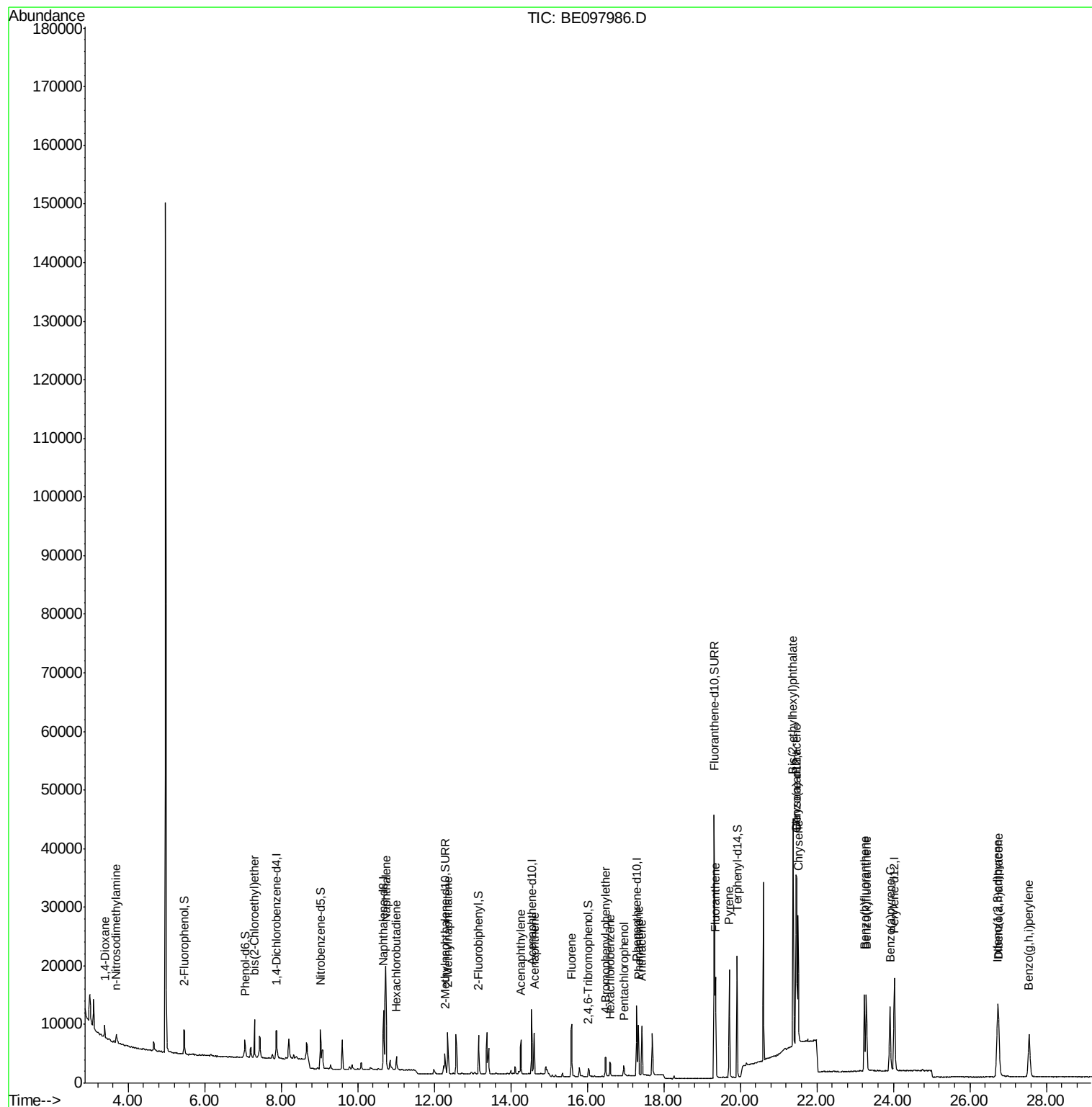
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	1242	0.274	ng	# 77
3) n-Nitrosodimethylamine	3.69	42	1339	0.264	ng	# 97
6) bis(2-Chloroethyl)ether	7.30	93	2207	0.214	ng	92
9) Naphthalene	10.73	128	28748	0.268	ng	100
10) Hexachlorobutadiene	11.02	225	1455	0.252	ng	99
12) 2-Methylnaphthalene	12.35	142	4863	0.265	ng	97
16) Acenaphthylene	14.27	152	7568	0.258	ng	98
17) Acenaphthene	14.62	154	4415	0.246	ng	99
18) Fluorene	15.59	166	5997	0.243	ng	99
20) 4-Bromophenyl-phenylether	16.49	248	1993	0.231	ng	# 79
21) Hexachlorobenzene	16.60	284	2078	0.245	ng	97
22) Pentachlorophenol	16.95	266	1271	0.579	ng	96
23) Phenanthrene	17.34	178	10261	0.256	ng	100
24) Anthracene	17.42	178	9911	0.261	ng	99
26) Fluoranthene	19.35	202	15743	0.299	ng	97
28) Pyrene	19.71	202	16766	0.237	ng	99
30) Benzo(a)anthracene	21.46	228	19986	0.265	ng	97
31) Chrysene	21.51	228	18825	0.264	ng	98
32) Bis(2-ethylhexyl)phthalate	21.38	149	44094	0.193	ng	99
33) Indeno(1,2,3-cd)pyrene	26.72	276	20869	0.210	ng	99
35) Benzo(b)fluoranthene	23.25	252	18562	0.268	ng	96
36) Benzo(k)fluoranthene	23.30	252	18916	0.262	ng	97
37) Benzo(a)pyrene	23.91	252	18311	0.271	ng	98
38) Dibenzo(a,h)anthracene	26.75	278	17278	0.261	ng	99
39) Benzo(g,h,i)perylene	27.55	276	17606	0.260	ng	97

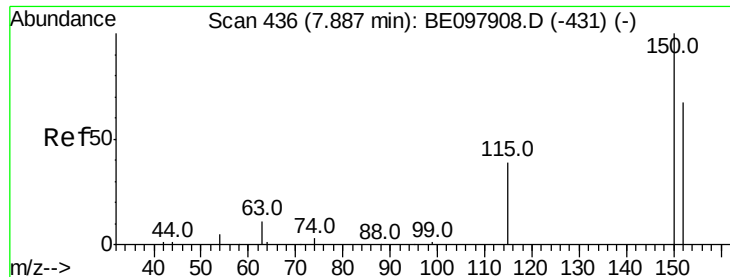
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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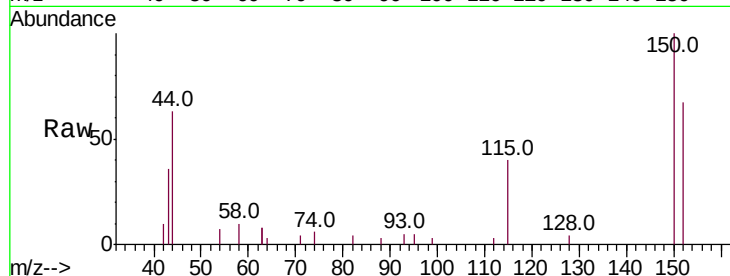


#1

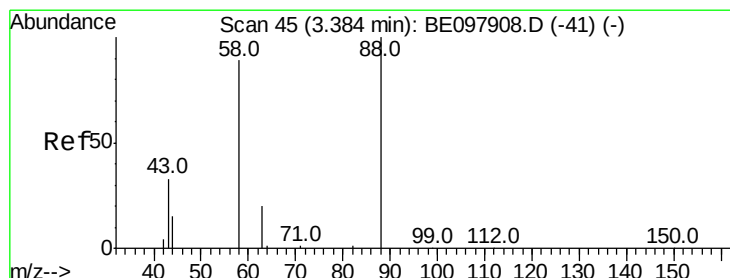
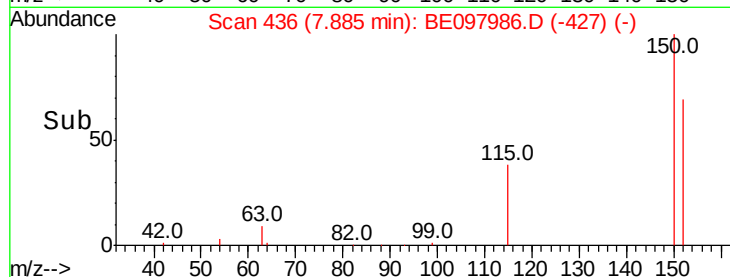
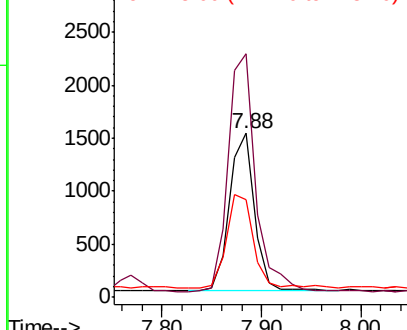
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. -0.00 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2601
Ion Ratio Lower Upper
152 100
150 148.5 118.2 177.4
115 59.8 50.9 76.3



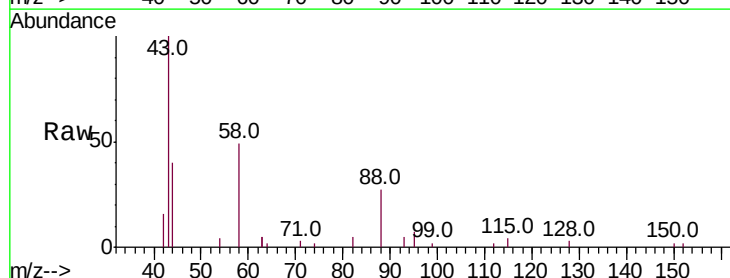
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



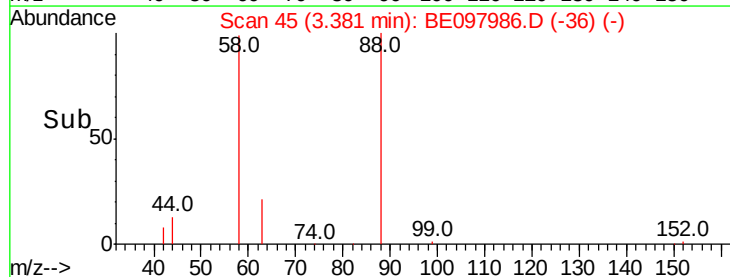
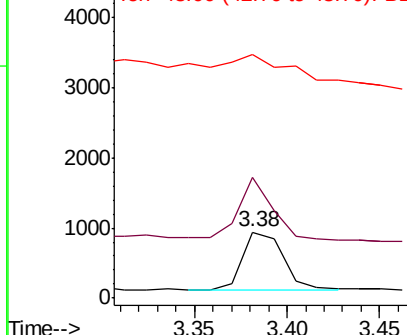
#2

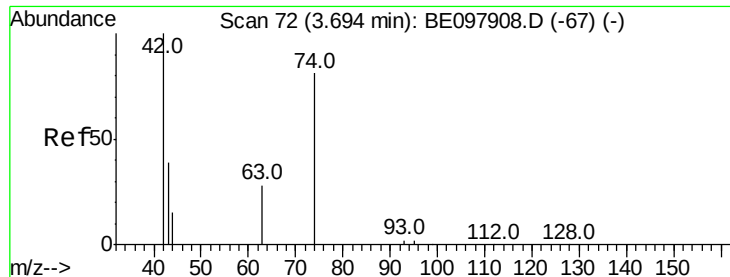
1,4-Dioxane
Concen: 0.274 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Tgt Ion: 88 Resp: 1242
Ion Ratio Lower Upper
88 100
58 91.7 73.2 109.8
43 0.0 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



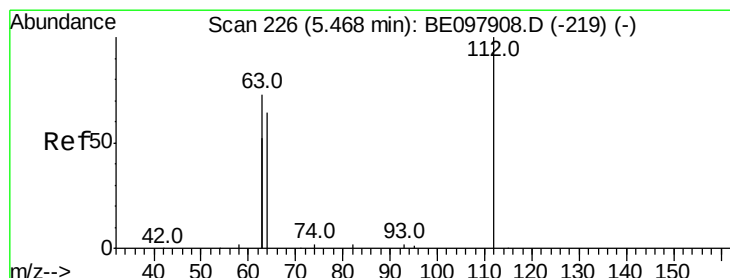
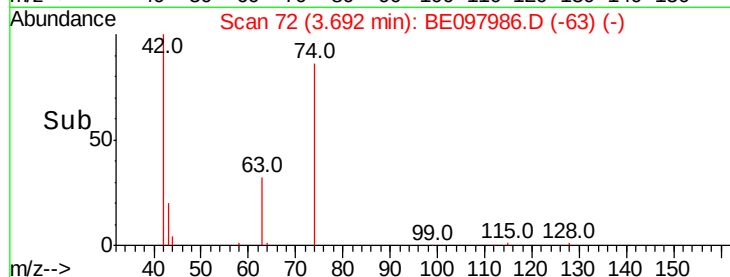
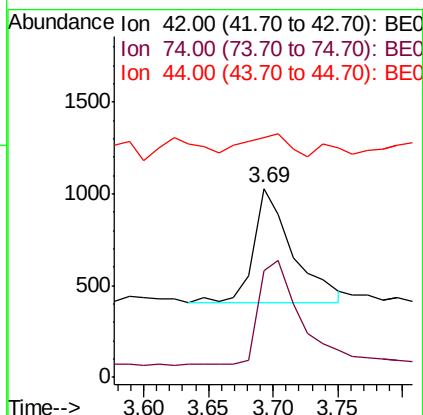
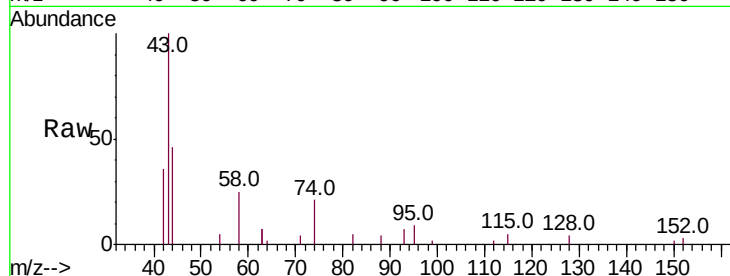


#3

n-Nitrosodimethylamine
 Concen: 0.264 ng
 RT: 3.69 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BE097986.D
 Acq: 19 Oct 2018 10:20

Instrument :
 BNA_E
 ClientSampleId :

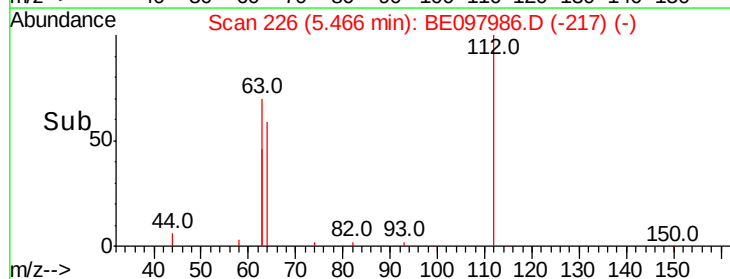
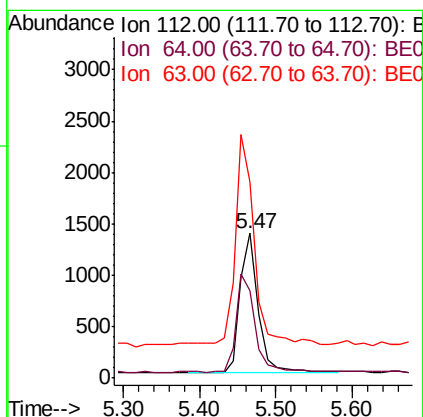
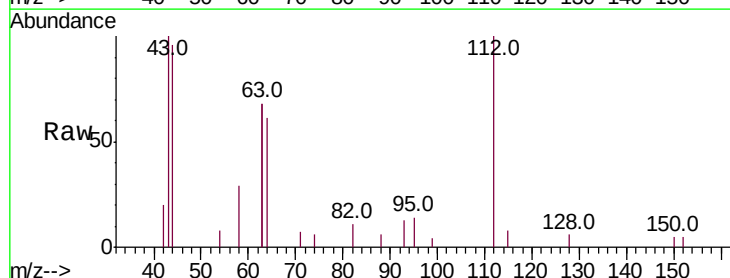
Tot Ion: 42 Resp: 1339
 Ion Ratio Lower Upper
 42 100
 74 96.8 77.6 116.4
 44 21.3 7.6 11.4#

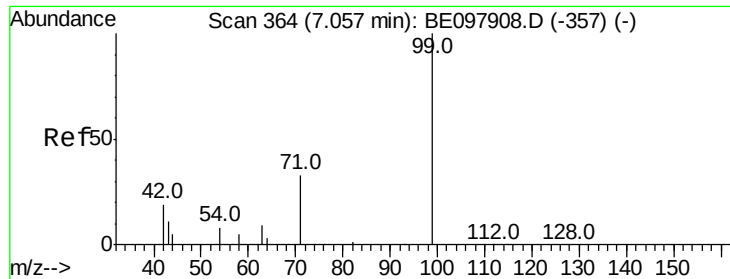


#4

2-Fluorophenol
 Concen: 0.275 ng
 RT: 5.47 min Scan# 226
 Delta R.T. -0.00 min
 Lab File: BE097986.D
 Acq: 19 Oct 2018 10:20

Tgt Ion: 112 Resp: 2253
 Ion Ratio Lower Upper
 112 100
 64 74.7 58.9 88.3
 63 155.6 120.3 180.5





#5

Phenol-d6

Concen: 0.269 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE097986.D

Acq: 19 Oct 2018 10:20

Instrument :

BNA_E

ClientSampleId :

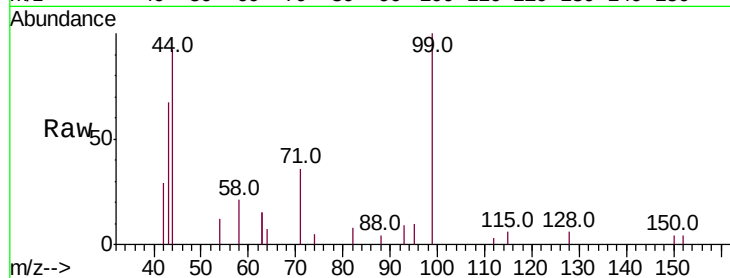
Tot Ion: 99 Resp: 3265

Ion Ratio Lower Upper

99 100

42 29.0 19.9 29.9

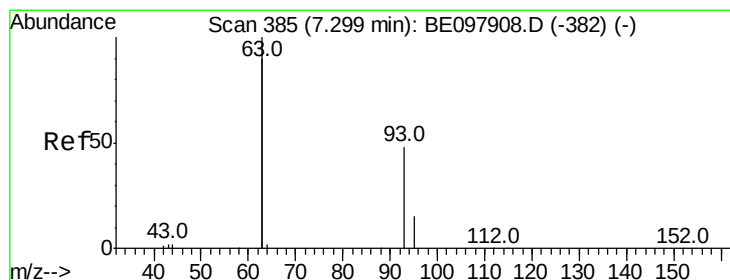
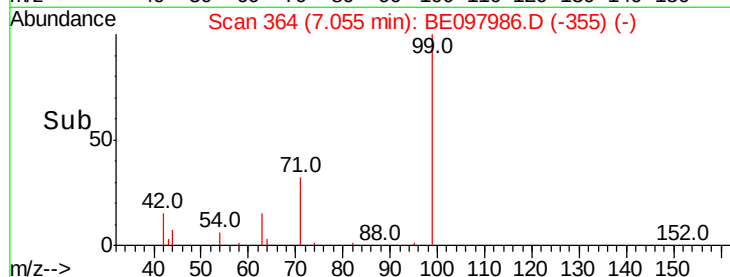
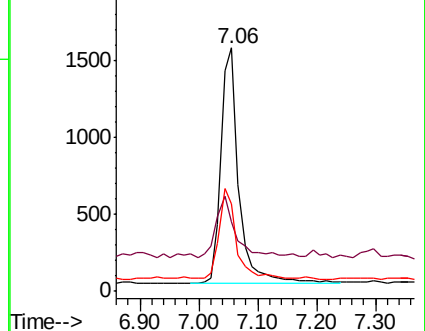
71 36.1 27.8 41.8



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: 0.214 ng

RT: 7.30 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE097986.D

Acq: 19 Oct 2018 10:20

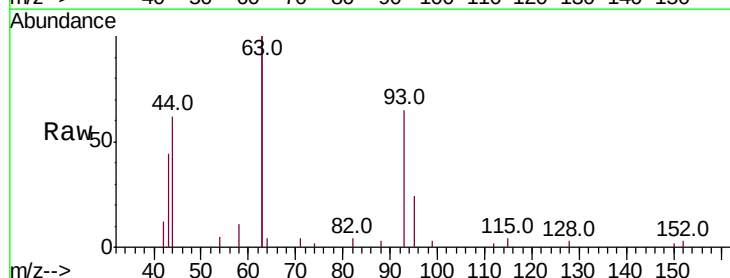
Tgt Ion: 93 Resp: 2207

Ion Ratio Lower Upper

93 100

63 340.5 259.0 388.4

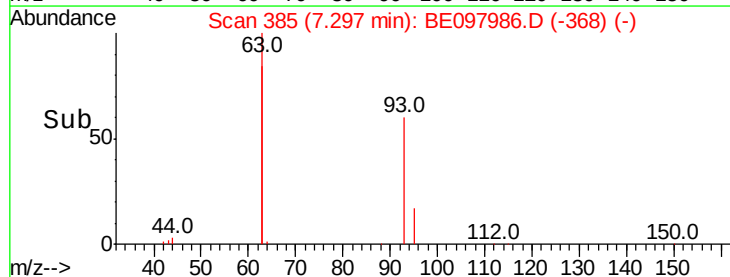
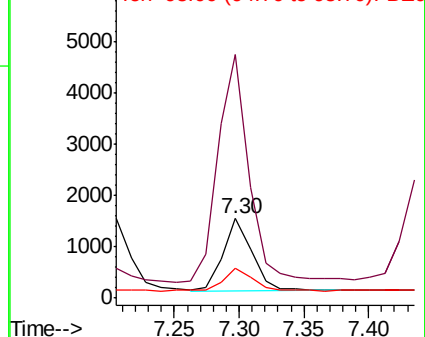
95 32.1 27.8 41.8

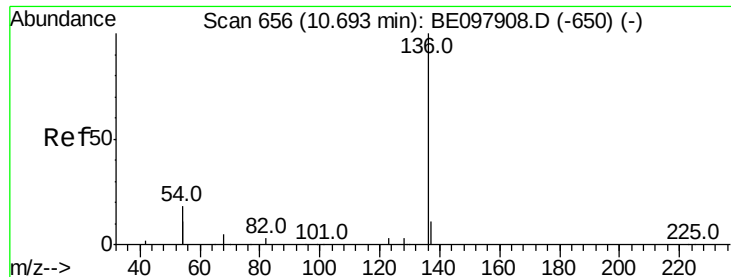


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE097986.D

Acq: 19 Oct 2018 10:20

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 10763

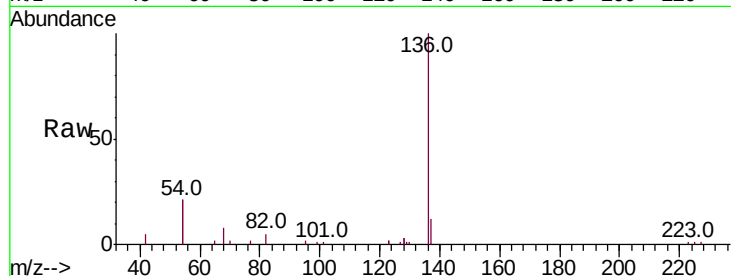
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 41.4 27.7 41.5

68 7.7 5.3 7.9

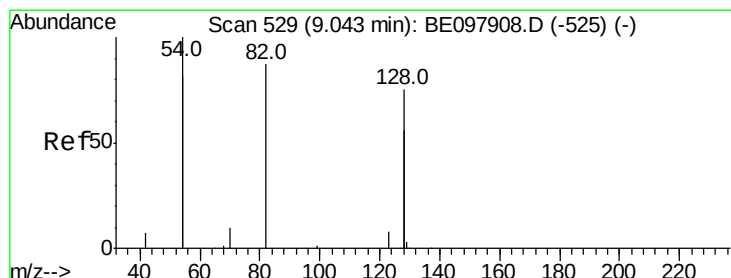
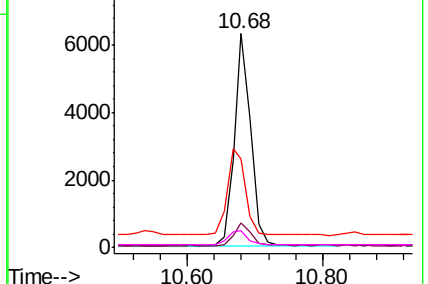
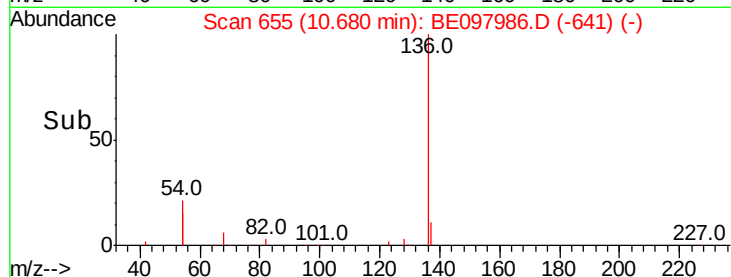


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.253 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097986.D

Acq: 19 Oct 2018 10:20

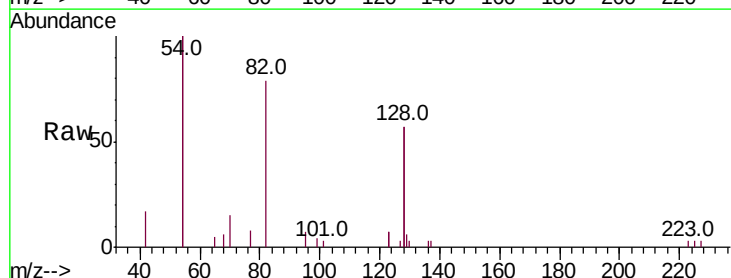
Tgt Ion: 82 Resp: 2574

Ion Ratio Lower Upper

82 100

128 144.3 129.9 194.9

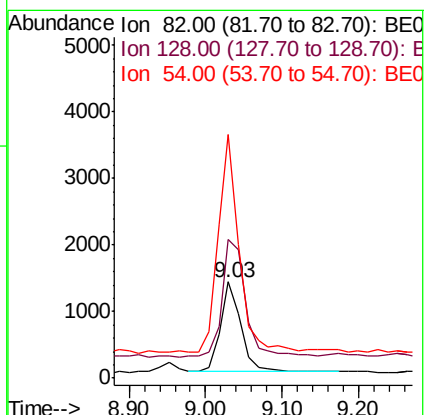
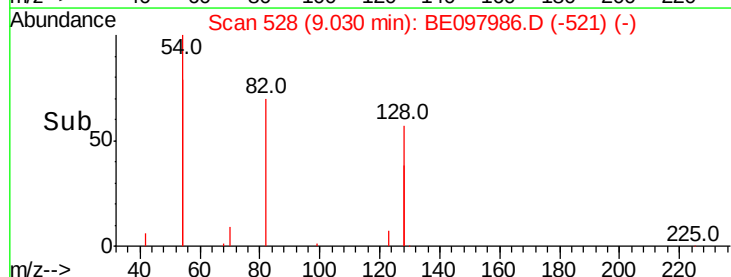
54 254.2 174.0 261.0

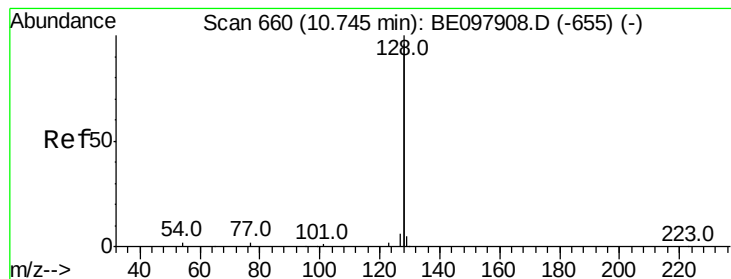


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.268 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE097986.D

Acq: 19 Oct 2018 10:20

Instrument :

BNA_E

ClientSampleId :

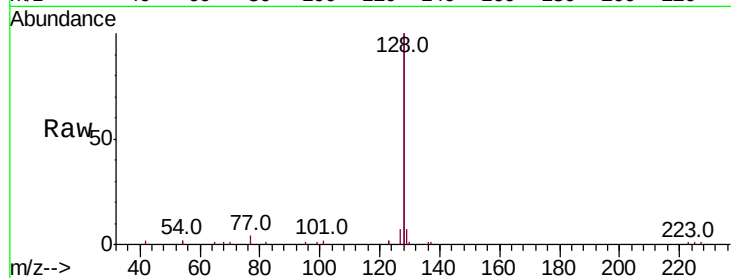
Tot Ion:128 Resp: 28748

Ion Ratio Lower Upper

128 100

129 3.3 2.5 3.7

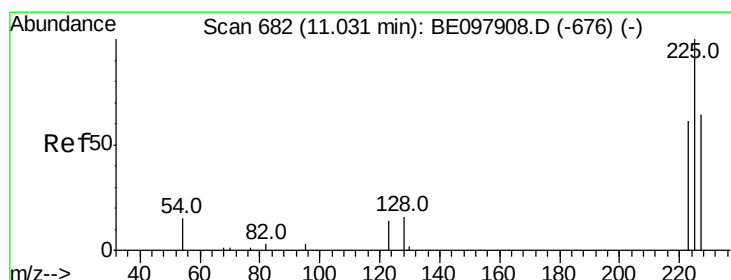
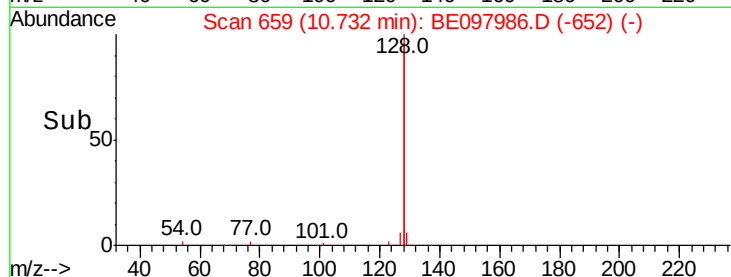
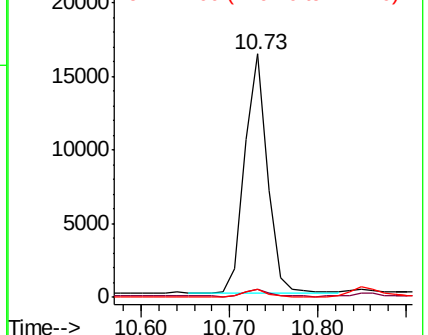
127 3.5 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.252 ng

RT: 11.02 min Scan# 681

Delta R.T. -0.01 min

Lab File: BE097986.D

Acq: 19 Oct 2018 10:20

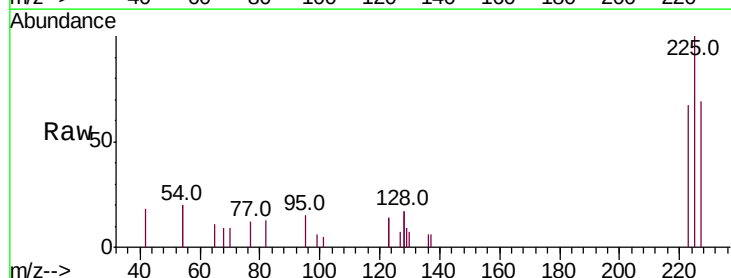
Tgt Ion:225 Resp: 1455

Ion Ratio Lower Upper

225 100

223 64.5 51.8 77.8

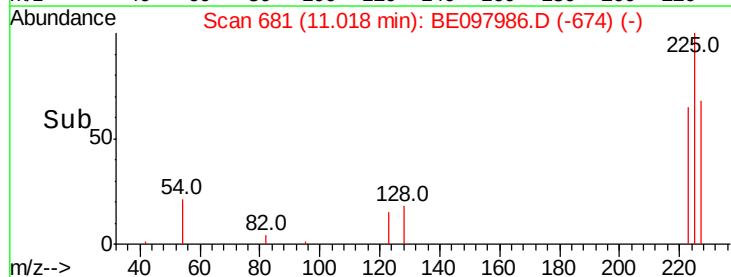
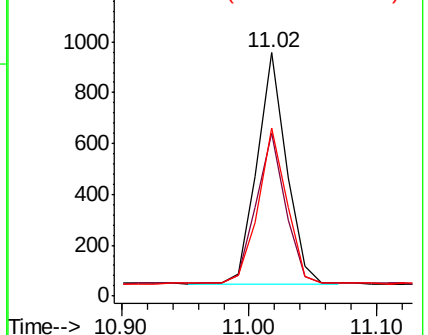
227 65.2 53.0 79.6

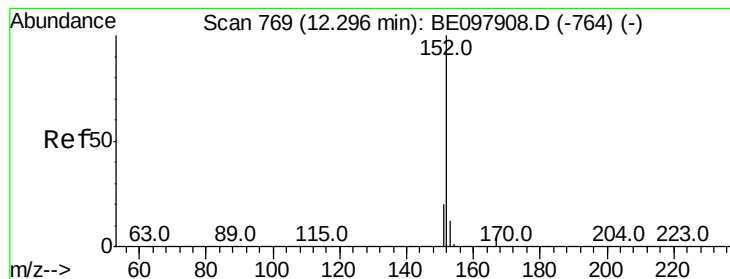


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.299 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE097986.D

Acq: 19 Oct 2018 10:20

Instrument :

BNA_E

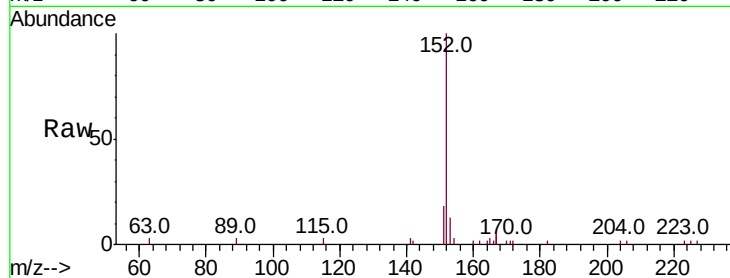
ClientSampleId :

Tot Ion:152 Resp: 5354

Ion Ratio Lower Upper

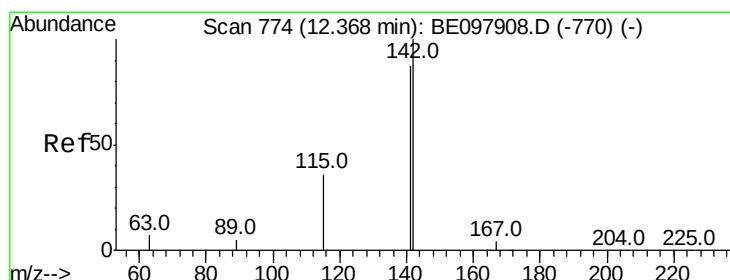
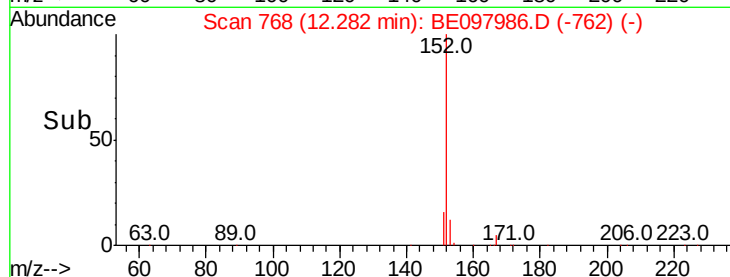
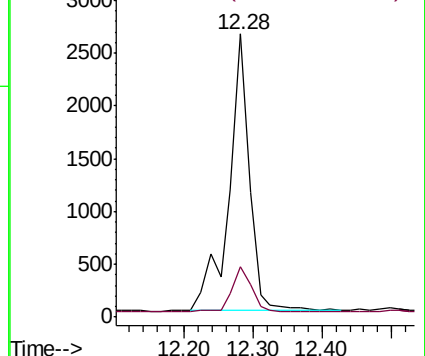
152 100

151 15.0 16.2 24.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.265 ng

RT: 12.35 min Scan# 773

Delta R.T. -0.01 min

Lab File: BE097986.D

Acq: 19 Oct 2018 10:20

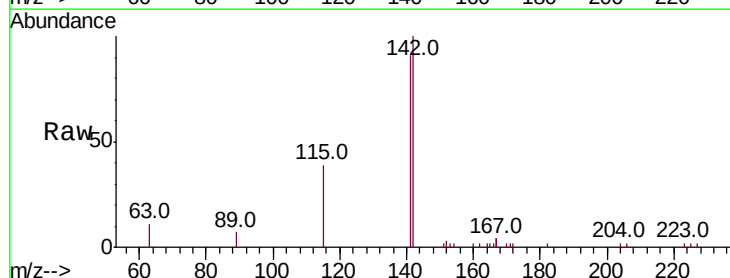
Tgt Ion:142 Resp: 4863

Ion Ratio Lower Upper

142 100

141 90.9 69.8 104.6

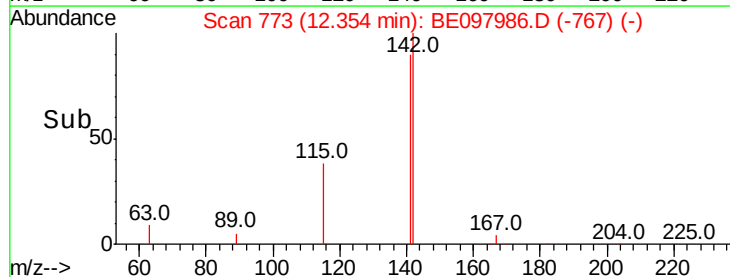
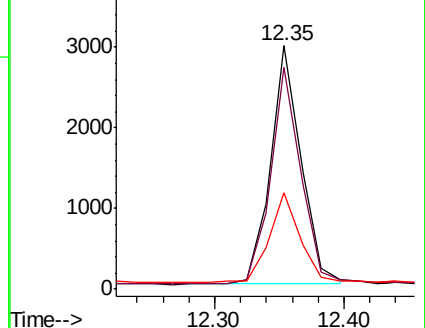
115 39.4 30.5 45.7

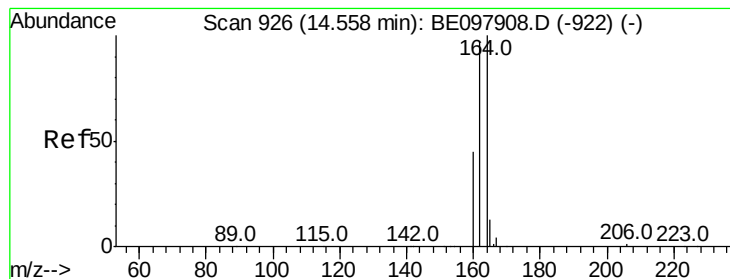


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.01 min

Lab File: BE097986.D

Acq: 19 Oct 2018 10:20

Instrument :

BNA_E

ClientSampled :

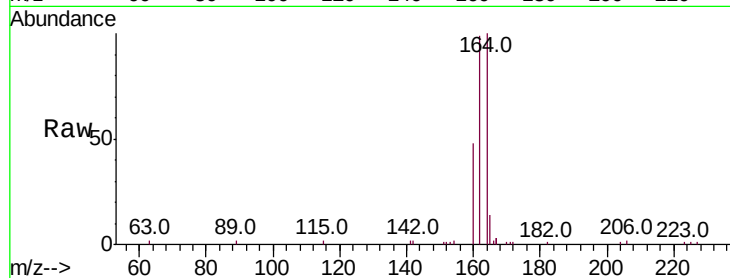
Tot Ion:164 Resp: 6353

Ion Ratio Lower Upper

164 100

162 98.9 77.4 116.2

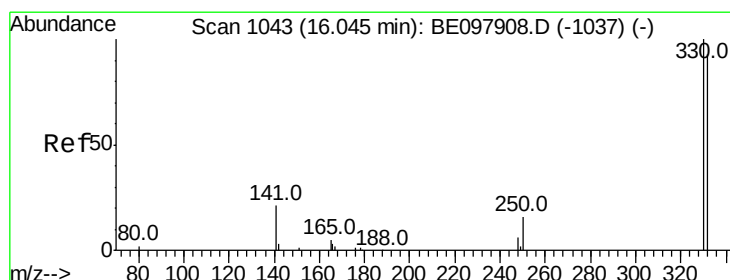
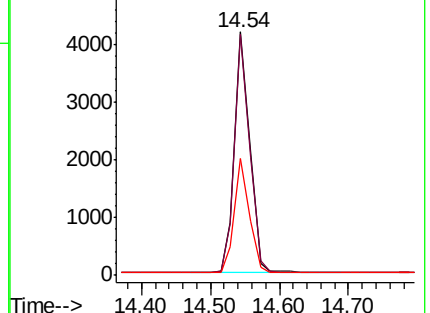
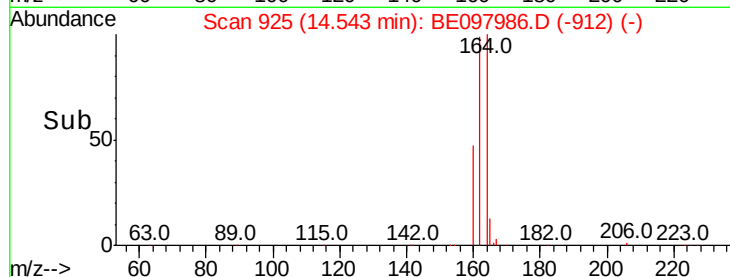
160 48.2 36.5 54.7



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: 0.242 ng

RT: 16.03 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BE097986.D

Acq: 19 Oct 2018 10:20

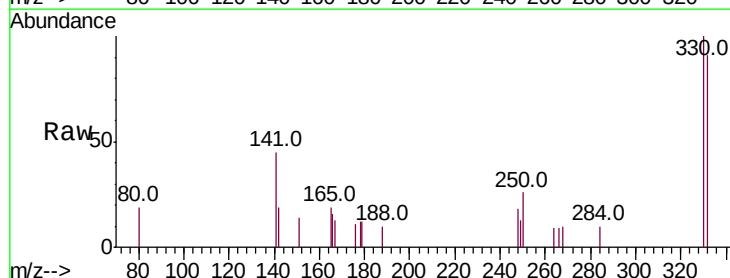
Tgt Ion:330 Resp: 826

Ion Ratio Lower Upper

330 100

332 98.7 76.5 114.7

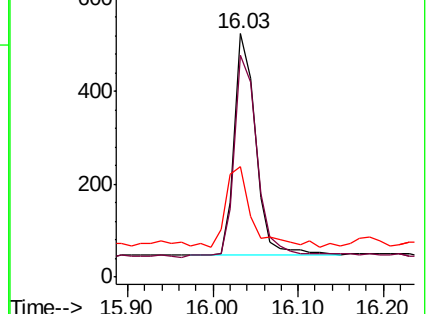
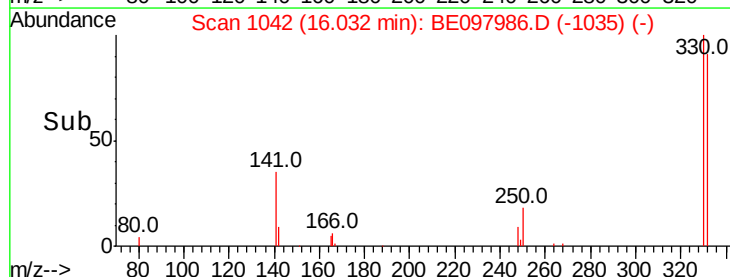
141 44.9 31.8 47.6

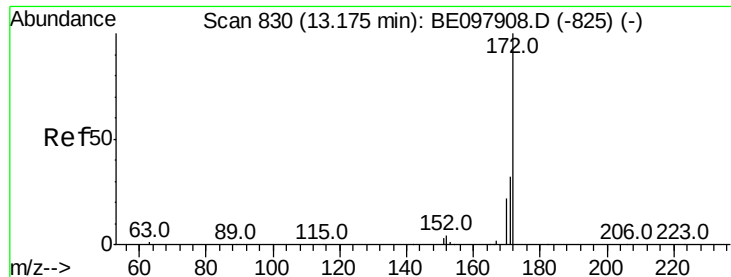


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

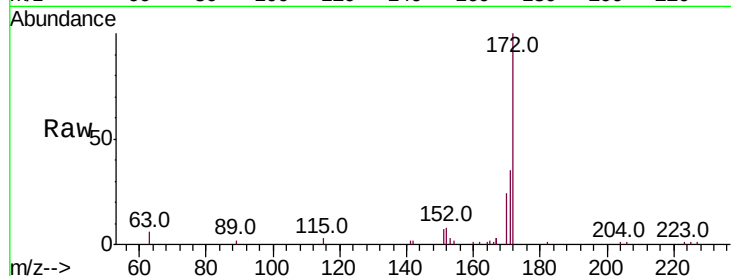




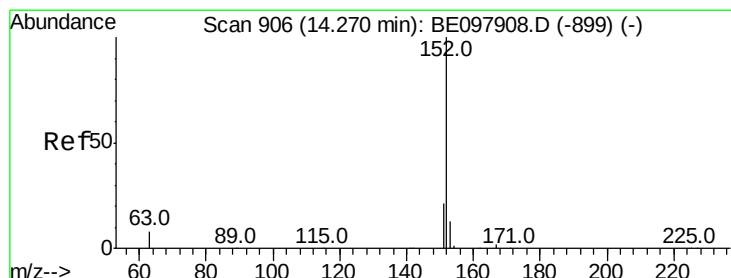
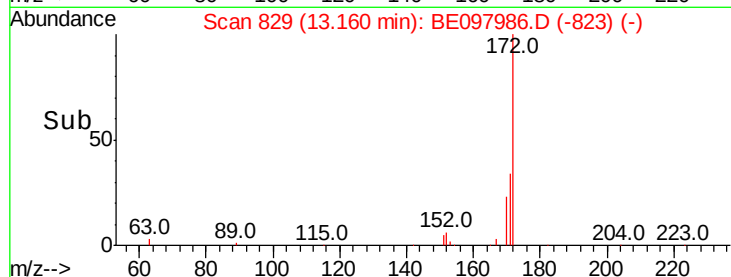
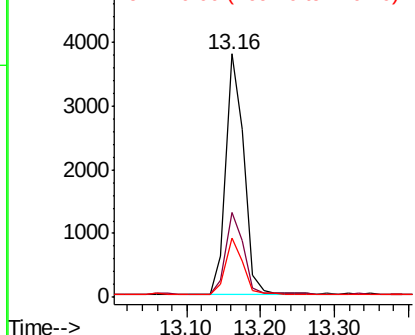
#15
2-Fluorobiphenyl
Concen: 0.246 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 6394
Ion Ratio Lower Upper
172 100
171 34.9 26.0 39.0
170 24.4 18.0 27.0

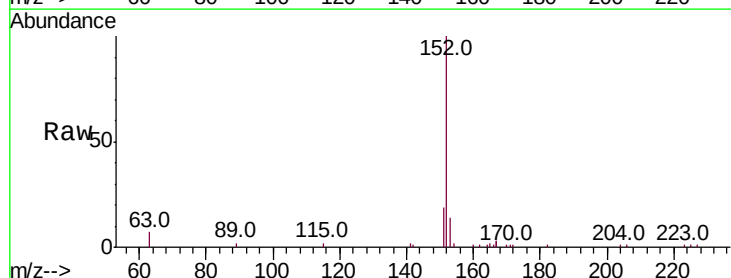


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

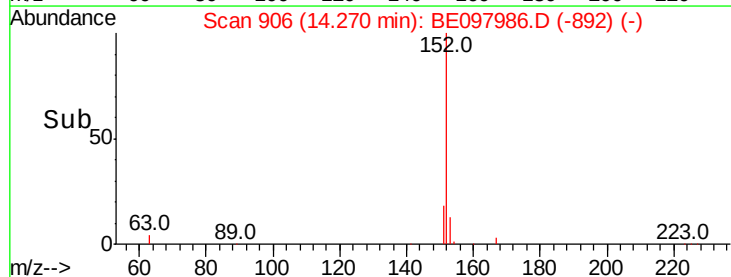
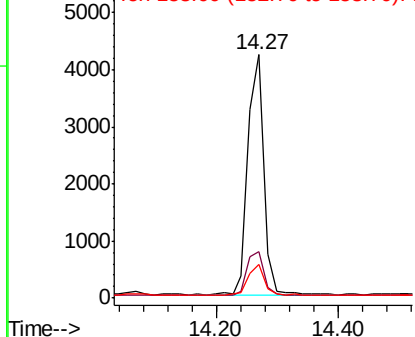


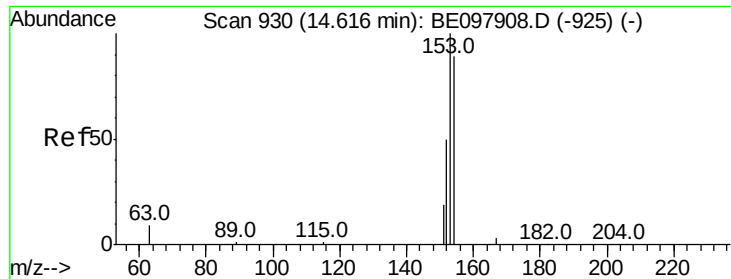
#16
Acenaphthylene
Concen: 0.258 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Tgt Ion:152 Resp: 7568
Ion Ratio Lower Upper
152 100
151 19.2 16.1 24.1
153 12.6 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

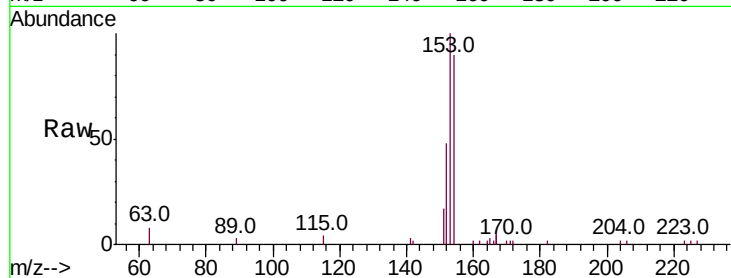




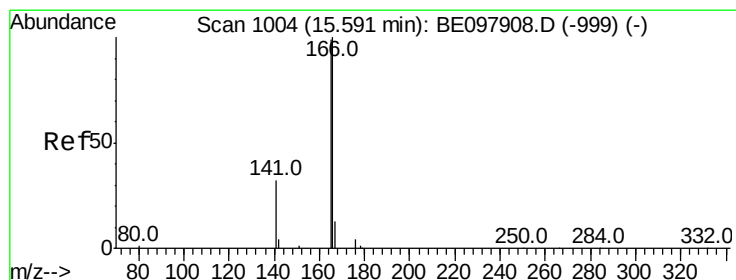
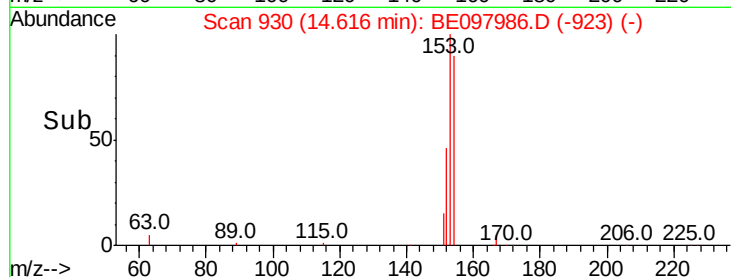
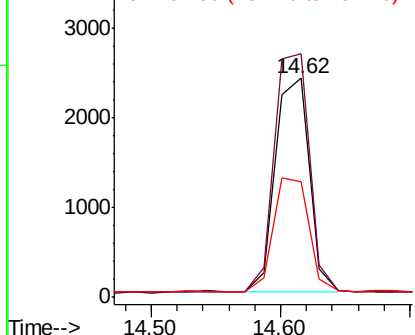
#17
Acenaphthene
Concen: 0.246 ng
RT: 14.62 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 4415
Ion Ratio Lower Upper
154 100
153 114.7 92.6 139.0
152 55.4 45.5 68.3

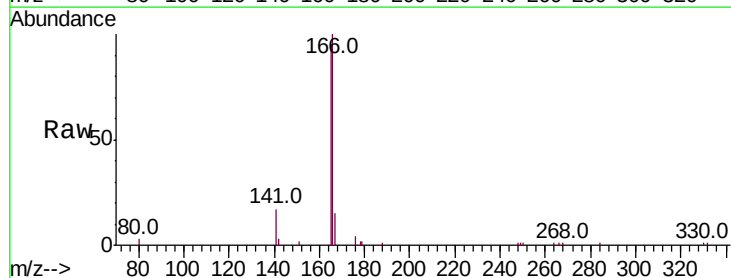


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

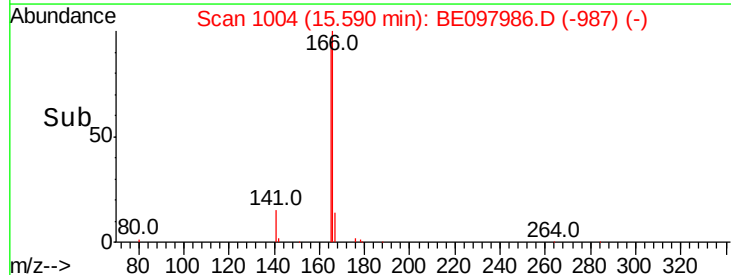
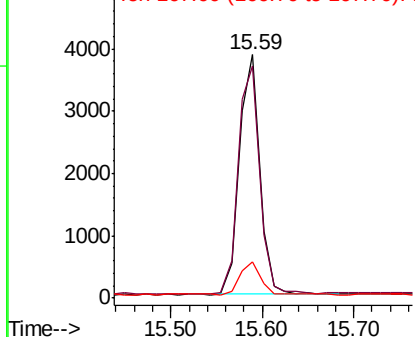


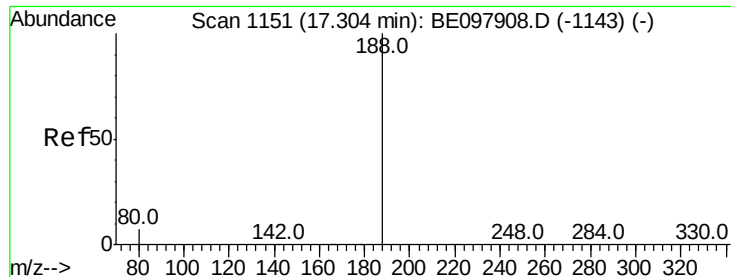
#18
Fluorene
Concen: 0.243 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Tgt Ion:166 Resp: 5997
Ion Ratio Lower Upper
166 100
165 98.3 78.2 117.4
167 13.5 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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097986.D

Acq: 19 Oct 2018 10:20

Instrument :

BNA_E

ClientSampled :

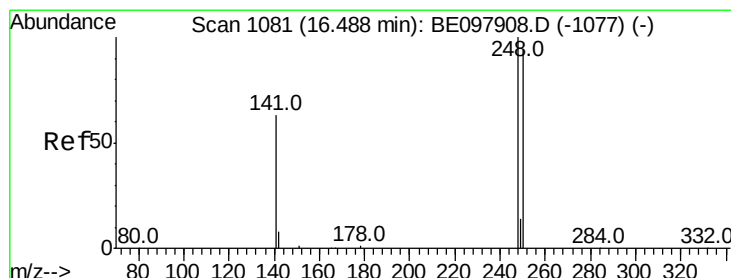
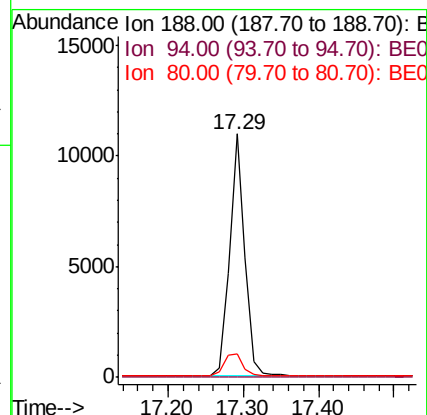
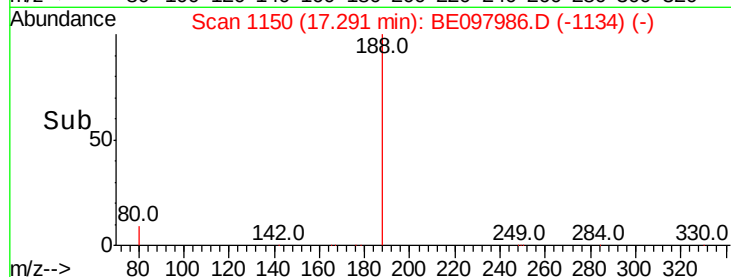
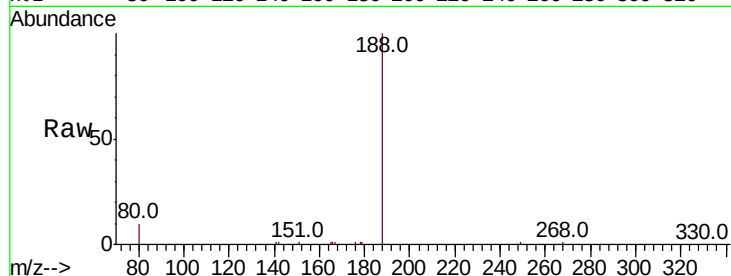
Tot Ion:188 Resp: 15792

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.9 6.3 9.5#



#20

4-Bromophenyl-phenylether

Concen: 0.231 ng

RT: 16.49 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BE097986.D

Acq: 19 Oct 2018 10:20

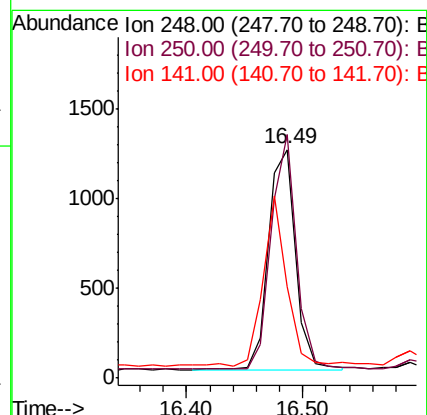
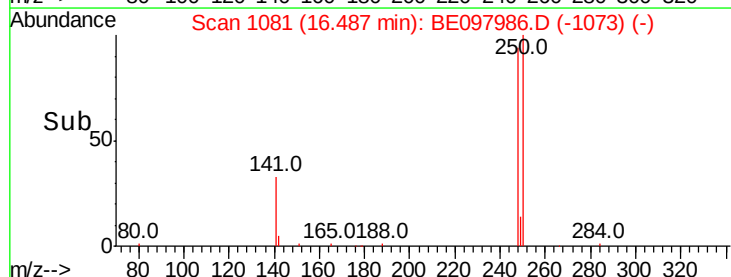
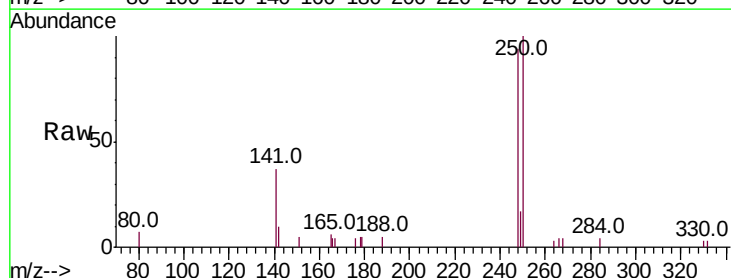
Tgt Ion:248 Resp: 1993

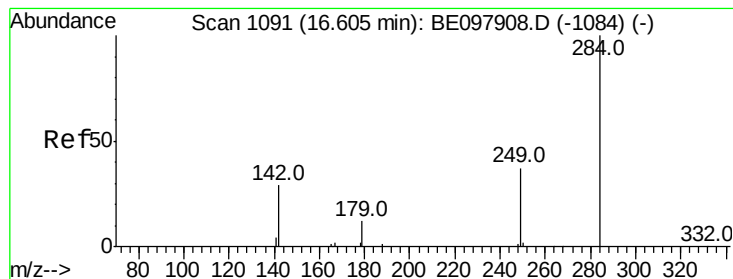
Ion Ratio Lower Upper

248 100

250 106.4 75.1 112.7

141 39.7 51.8 77.8#





#21

Hexachlorobenzene

Concen: 0.245 ng

RT: 16.60 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE097986.D

Acq: 19 Oct 2018 10:20

Instrument :

BNA_E

ClientSampleId :

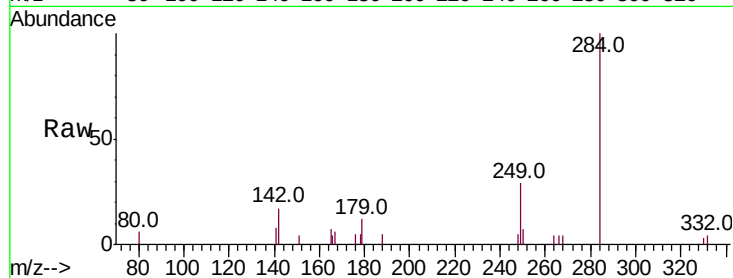
Tot Ion:284 Resp: 2078

Ion Ratio Lower Upper

284 100

142 34.5 25.9 38.9

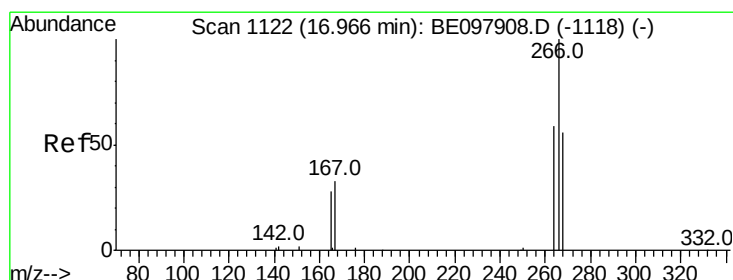
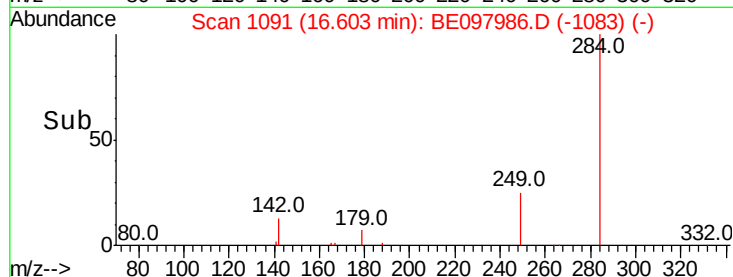
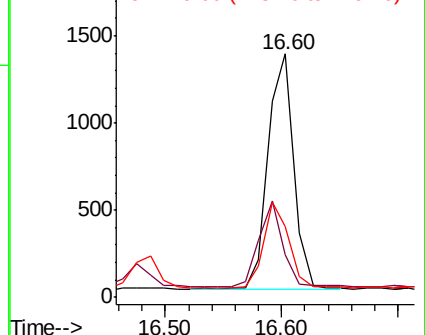
249 34.8 26.6 40.0



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: 0.579 ng

RT: 16.95 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE097986.D

Acq: 19 Oct 2018 10:20

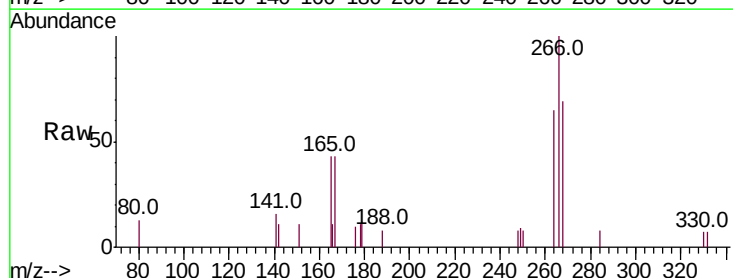
Tgt Ion:266 Resp: 1271

Ion Ratio Lower Upper

266 100

264 64.7 51.3 76.9

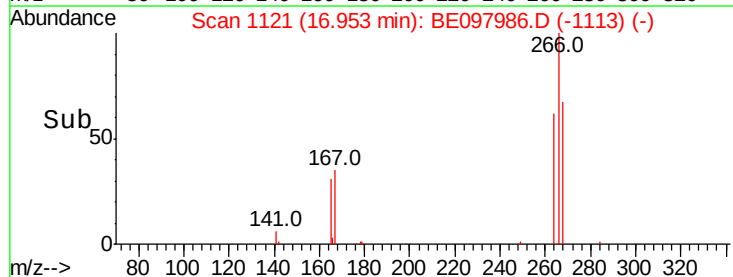
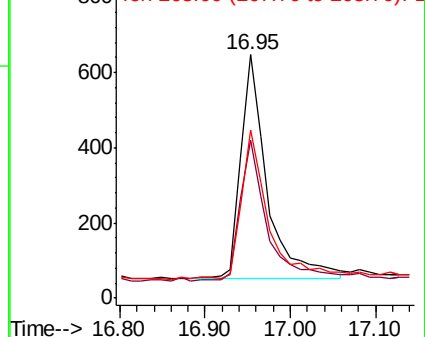
268 69.0 50.1 75.1

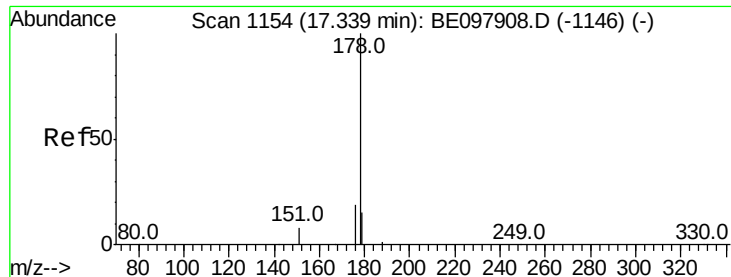


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

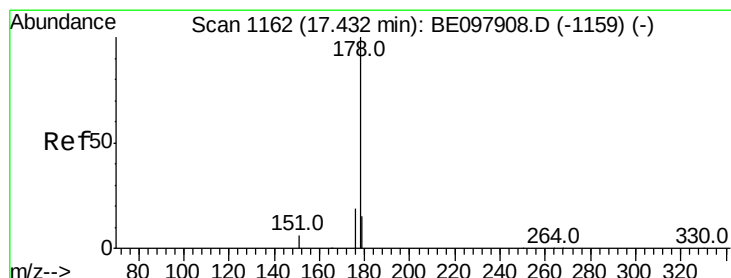
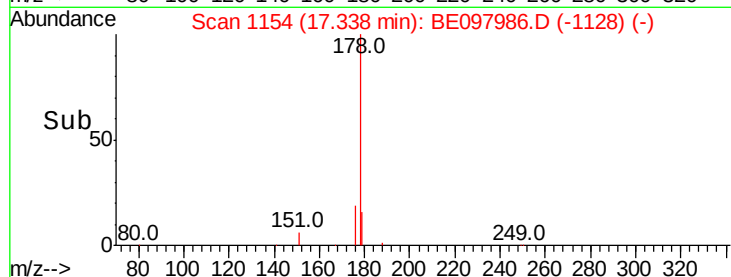
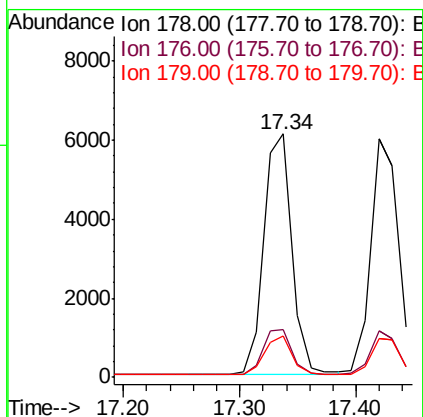
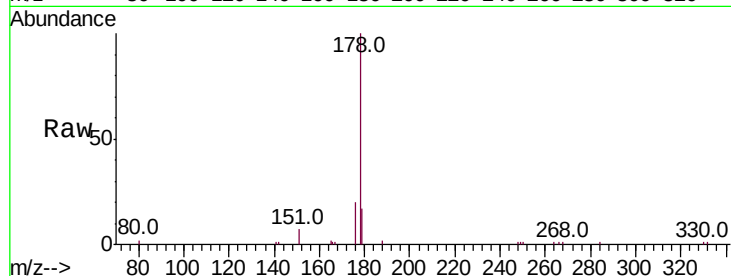




#23
Phenanthrene
Concen: 0.256 ng
RT: 17.34 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

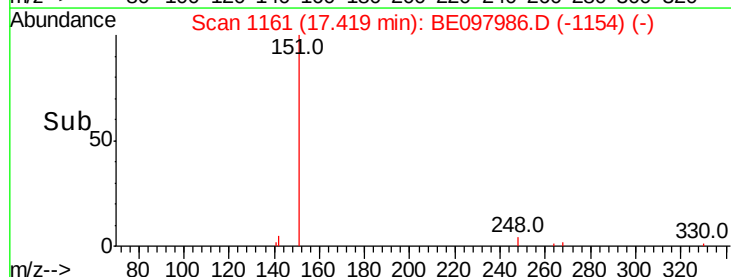
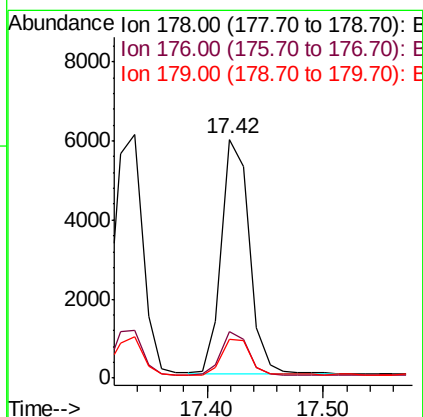
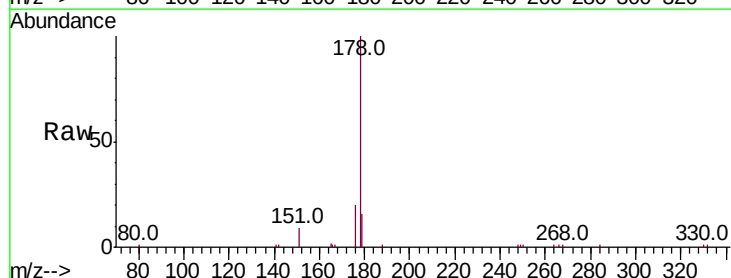
Instrument :
BNA_E
ClientSampleId :

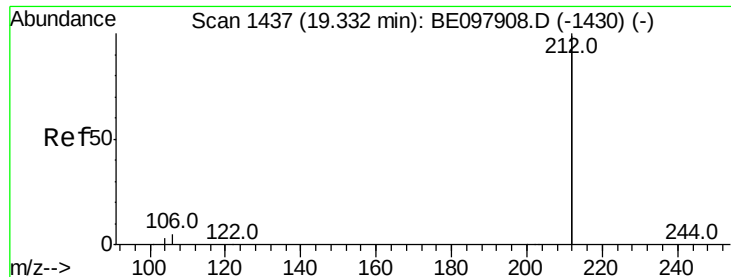
Tot Ion:178 Resp: 10261
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.6 12.2 18.4



#24
Anthracene
Concen: 0.261 ng
RT: 17.42 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Tgt Ion:178 Resp: 9911
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 15.3 11.9 17.9





#25

Fluoranthene-d10

Concen: 0.289 ng

RT: 19.32 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE097986.D

Acq: 19 Oct 2018 10:20

Instrument :

BNA_E

ClientSampled :

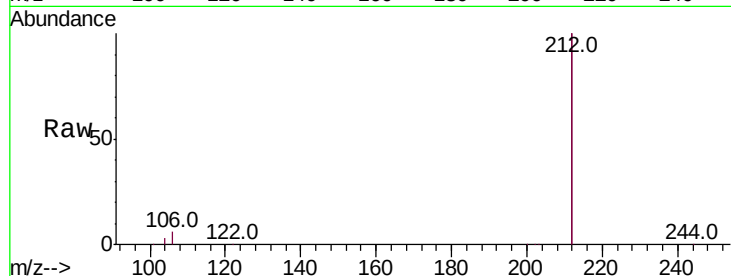
Tot Ion:212 Resp: 61766

Ion Ratio Lower Upper

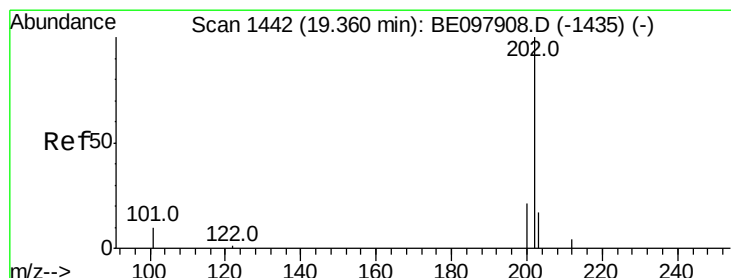
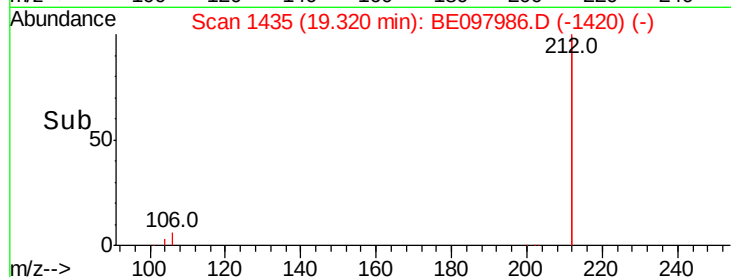
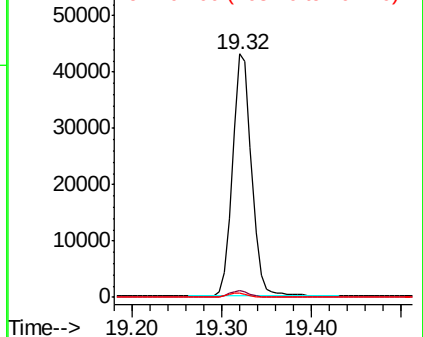
212 100

106 2.7 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: 0.299 ng

RT: 19.35 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BE097986.D

Acq: 19 Oct 2018 10:20

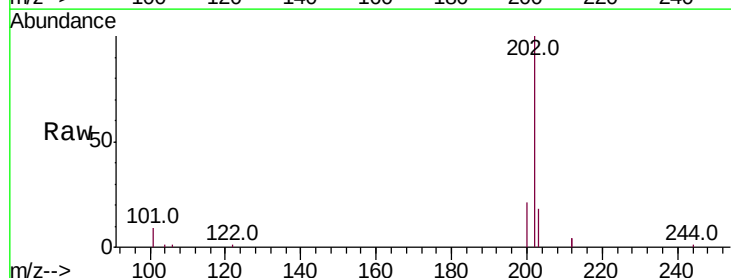
Tgt Ion:202 Resp: 15743

Ion Ratio Lower Upper

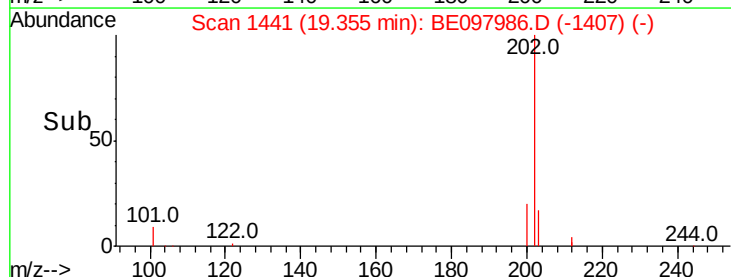
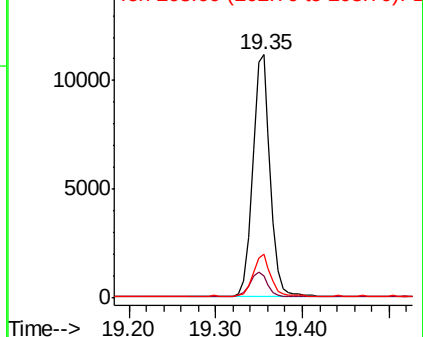
202 100

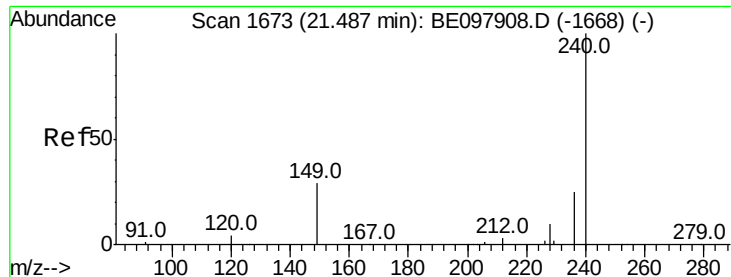
101 10.4 8.2 12.2

203 17.0 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: 21.48 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097986.D

Acq: 19 Oct 2018 10:20

Instrument :

BNA_E

ClientSampled :

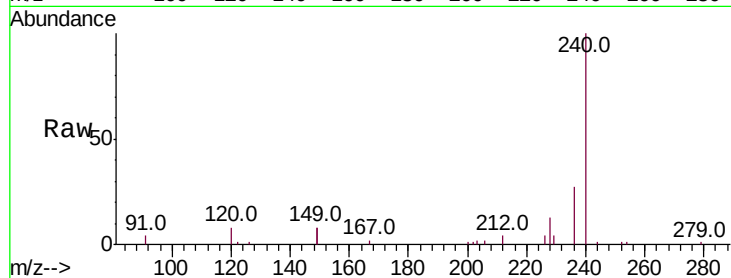
Tot Ion:240 Resp: 24563

Ion Ratio Lower Upper

240 100

120 7.8 7.1 10.7

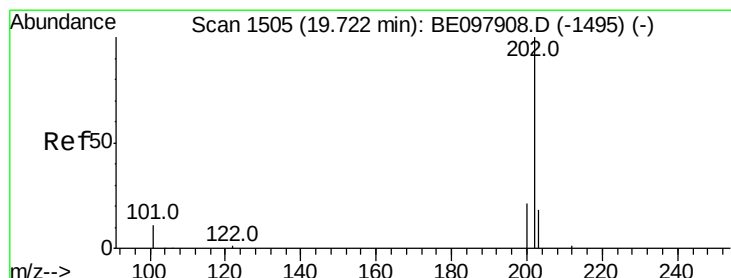
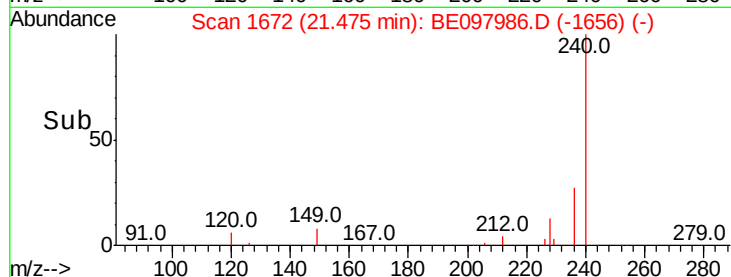
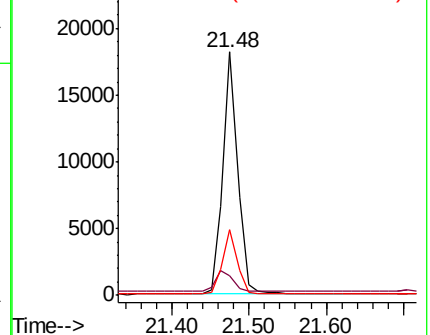
236 27.1 21.3 31.9



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: 0.237 ng

RT: 19.71 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BE097986.D

Acq: 19 Oct 2018 10:20

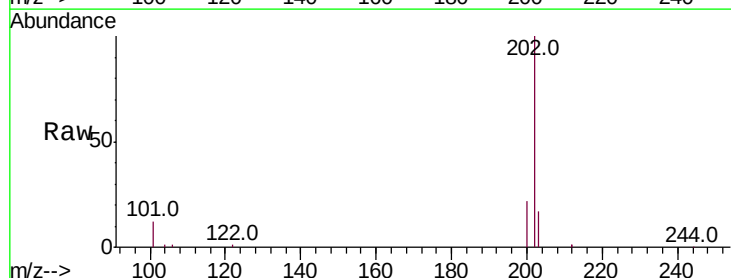
Tgt Ion:202 Resp: 16766

Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

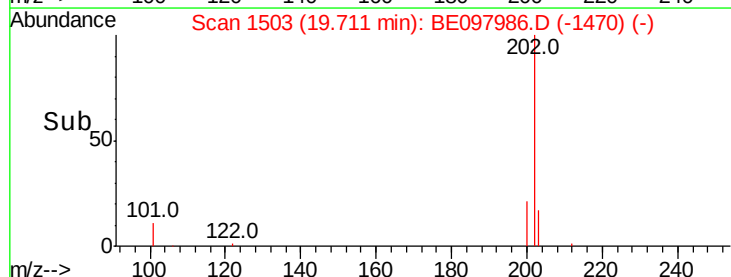
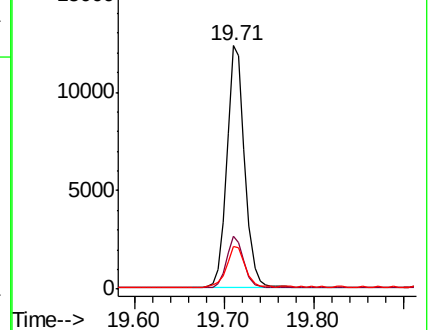
203 18.0 14.2 21.4

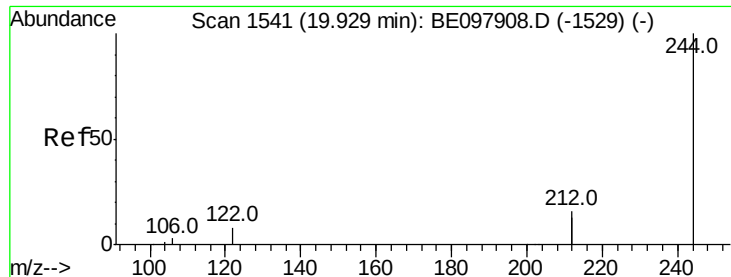


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.313 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BE097986.D

Acq: 19 Oct 2018 10:20

Instrument :

BNA_E

ClientSampleId :

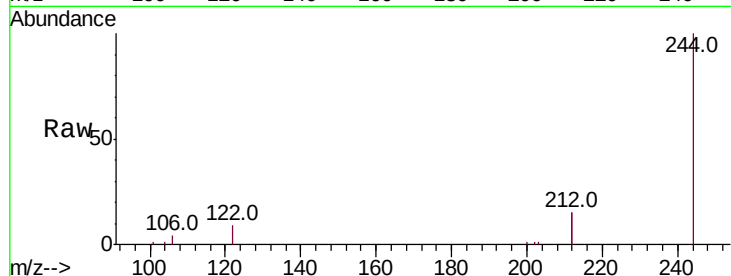
Tot Ion:244 Resp: 17632

Ion Ratio Lower Upper

244 100

212 30.9 26.2 39.2

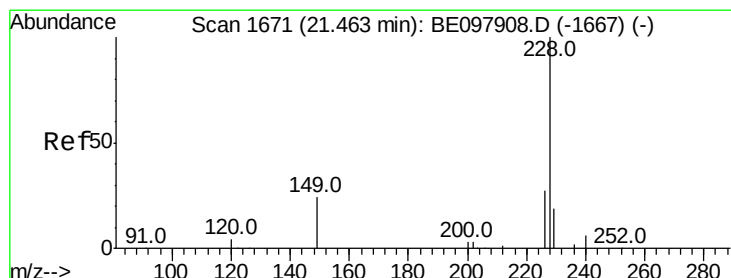
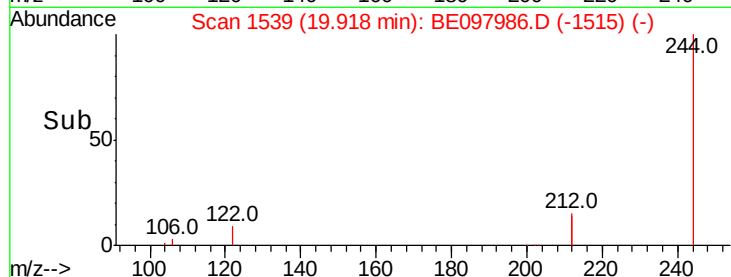
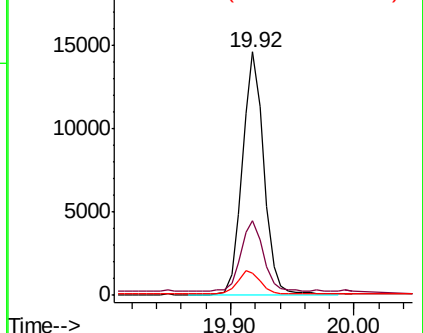
122 9.2 7.7 11.5



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: 0.265 ng

RT: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE097986.D

Acq: 19 Oct 2018 10:20

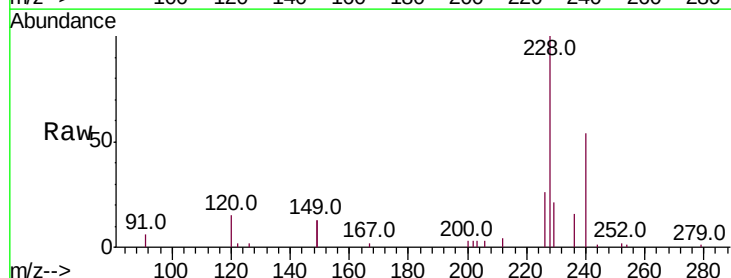
Tgt Ion:228 Resp: 19986

Ion Ratio Lower Upper

228 100

226 25.9 22.6 33.8

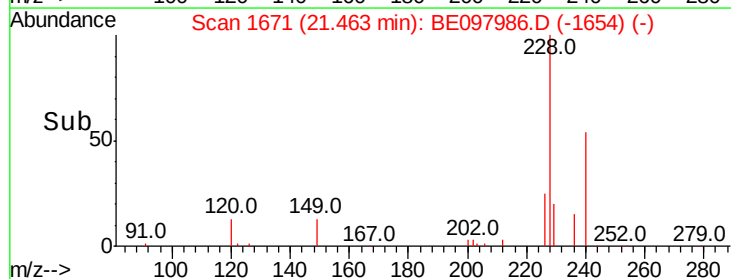
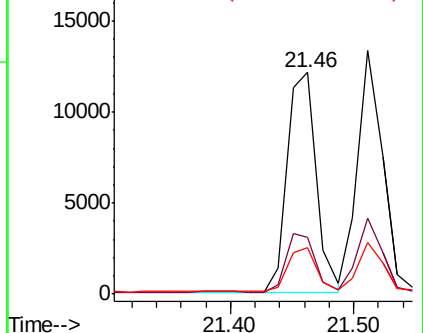
229 20.7 16.9 25.3

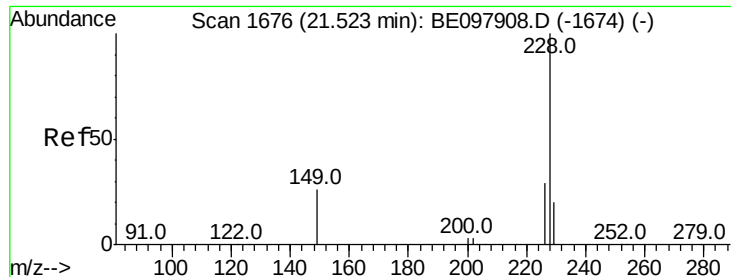


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.264 ng

RT: 21.51 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BE097986.D

Acq: 19 Oct 2018 10:20

Instrument :

BNA_E

ClientSampleId :

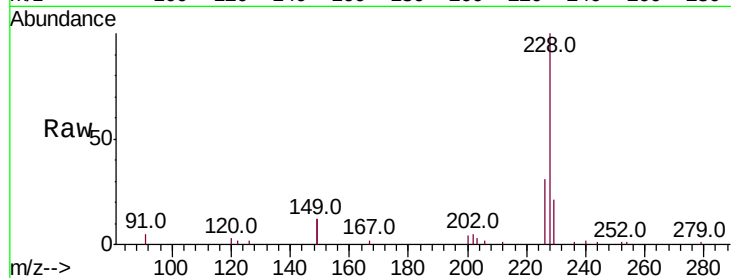
Tot Ion:228 Resp: 18825

Ion Ratio Lower Upper

228 100

226 31.4 24.3 36.5

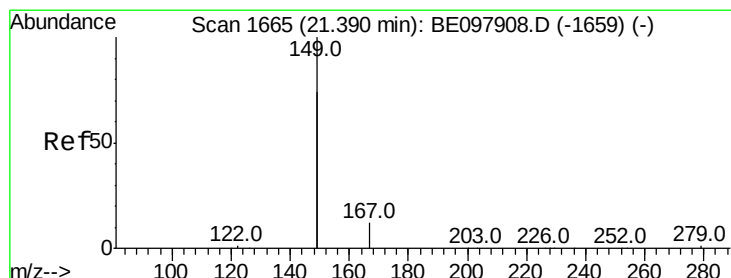
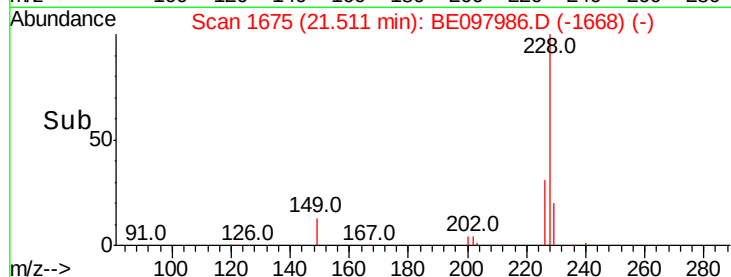
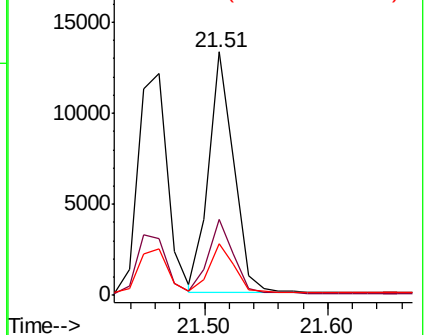
229 21.0 17.3 25.9



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: 0.193 ng

RT: 21.38 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BE097986.D

Acq: 19 Oct 2018 10:20

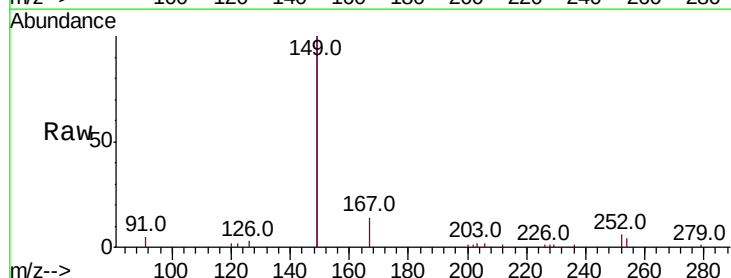
Tgt Ion:149 Resp: 44094

Ion Ratio Lower Upper

149 100

167 7.2 5.6 8.4

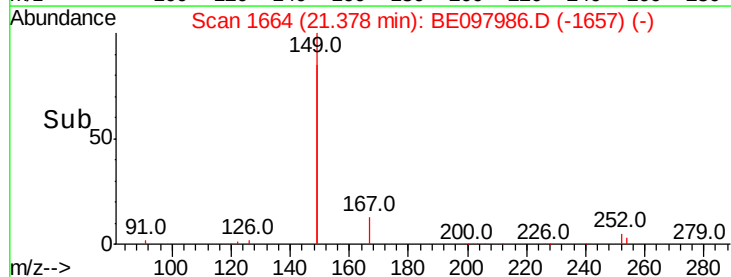
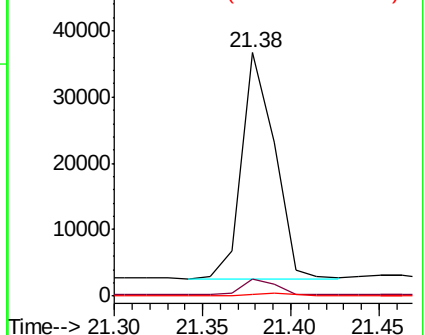
279 1.2 0.9 1.3

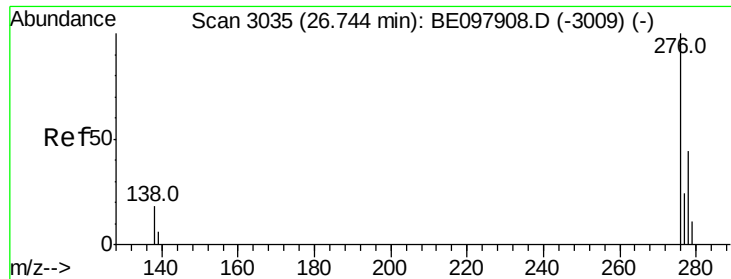


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.210 ng

RT: 26.72 min Scan# 3029

Delta R.T. -0.02 min

Lab File: BE097986.D

Acq: 19 Oct 2018 10:20

Instrument :

BNA_E

ClientSampleId :

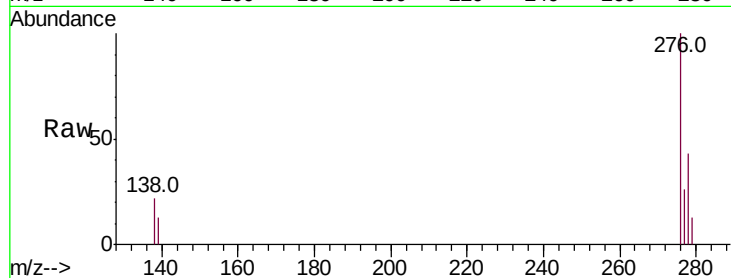
Tot Ion:276 Resp: 20869

Ion Ratio Lower Upper

276 100

138 20.7 17.0 25.6

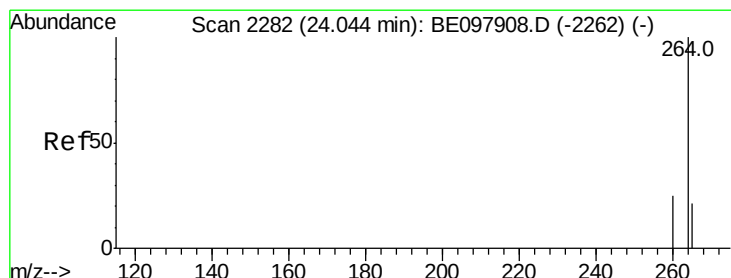
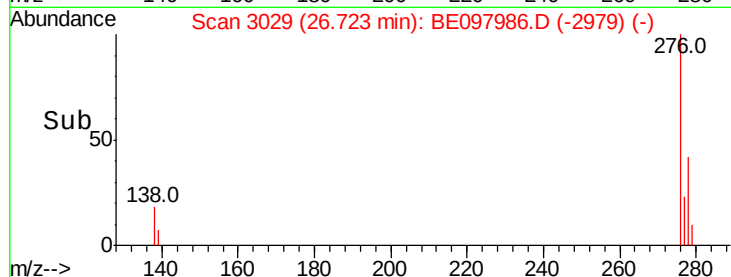
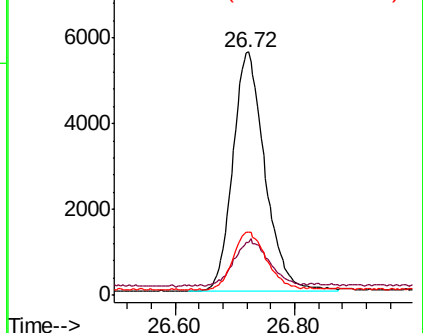
277 24.9 20.5 30.7



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# 2278

Delta R.T. -0.01 min

Lab File: BE097986.D

Acq: 19 Oct 2018 10:20

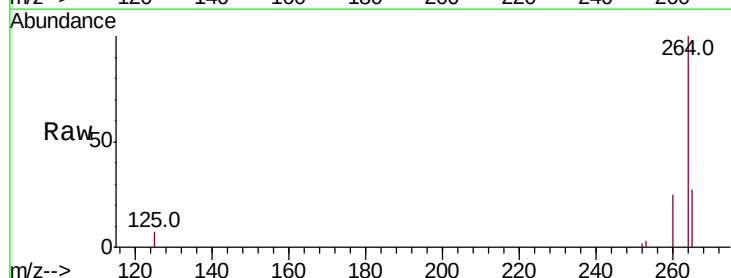
Tgt Ion:264 Resp: 24094

Ion Ratio Lower Upper

264 100

260 25.1 21.1 31.7

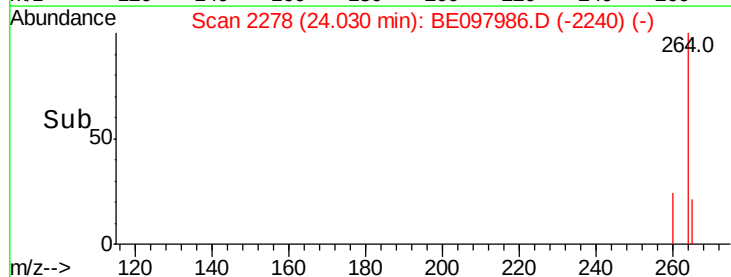
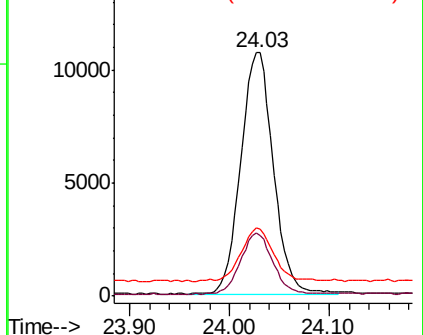
265 27.4 29.2 43.8#

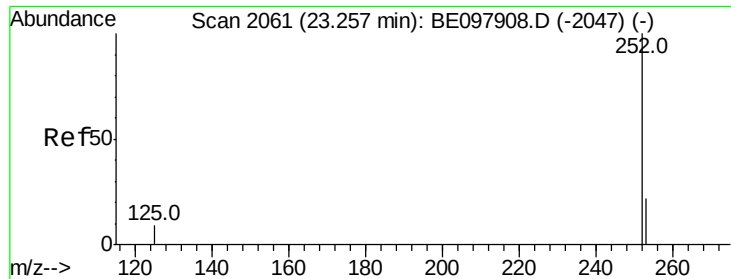


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.268 ng

RT: 23.25 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BE097986.D

Acq: 19 Oct 2018 10:20

Instrument :

BNA_E

ClientSampleId :

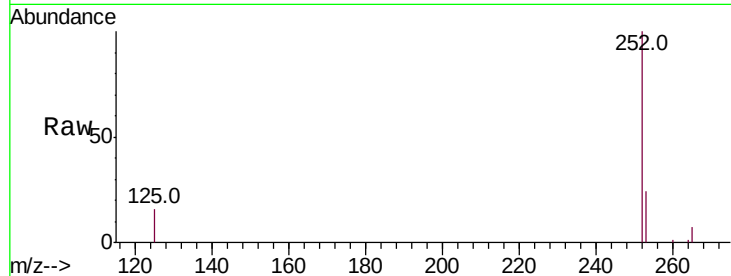
Tot Ion:252 Resp: 18562

Ion Ratio Lower Upper

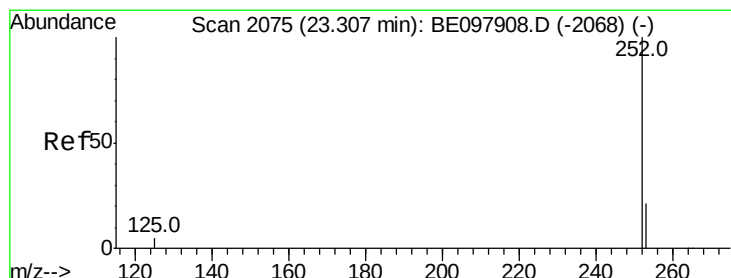
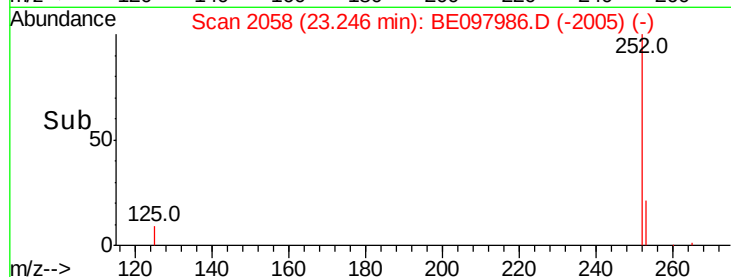
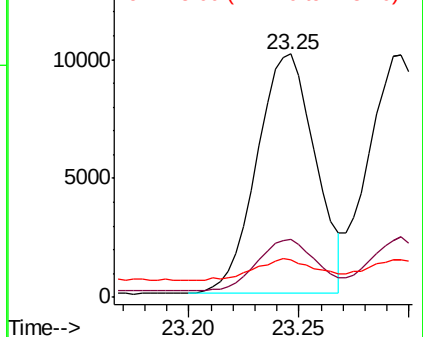
252 100

253 23.8 20.6 31.0

125 15.6 14.3 21.5



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: 0.262 ng

RT: 23.30 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BE097986.D

Acq: 19 Oct 2018 10:20

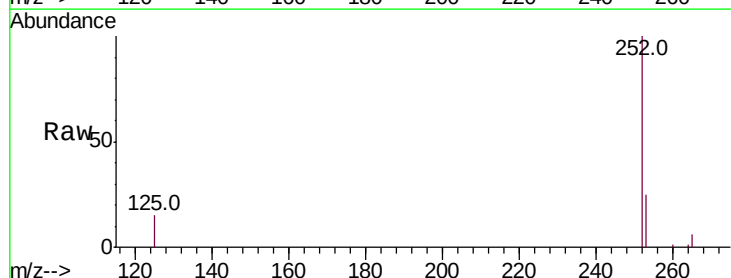
Tgt Ion:252 Resp: 18916

Ion Ratio Lower Upper

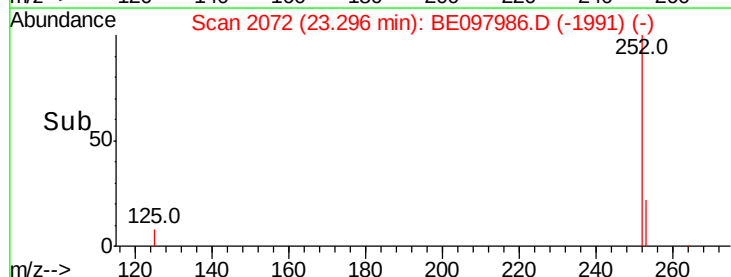
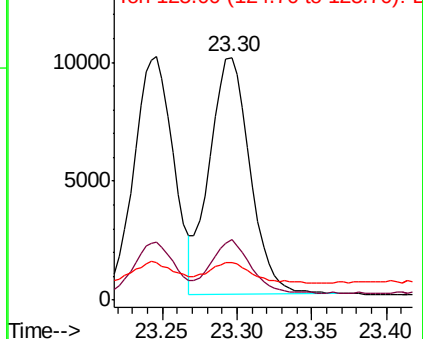
252 100

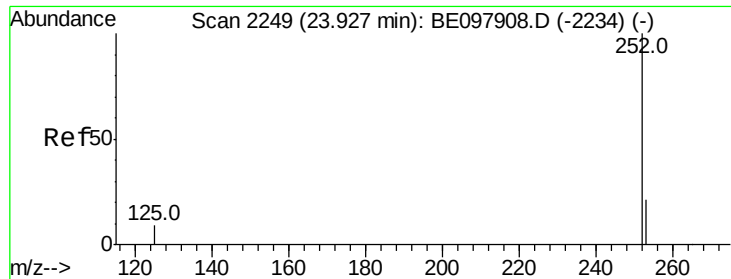
253 24.8 20.4 30.6

125 15.5 14.6 21.8



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: 0.271 ng

RT: 23.91 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BE097986.D

Acq: 19 Oct 2018 10:20

Instrument :

BNA_E

ClientSampleId :

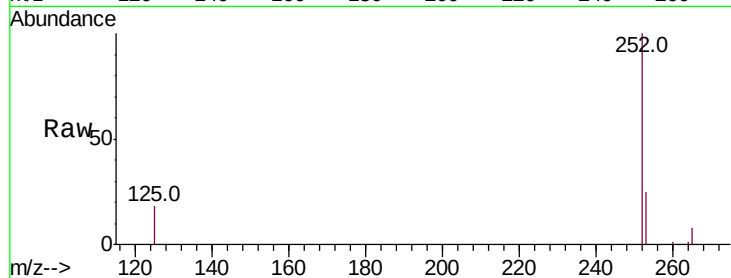
Tot Ion:252 Resp: 18311

Ion Ratio Lower Upper

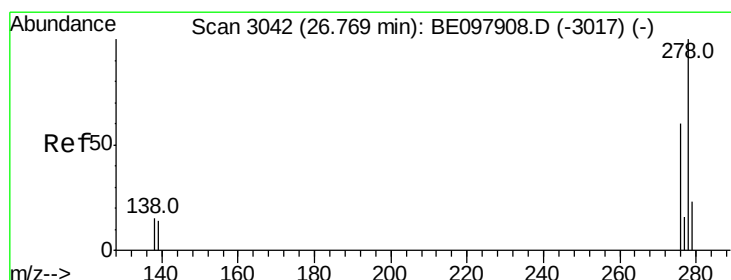
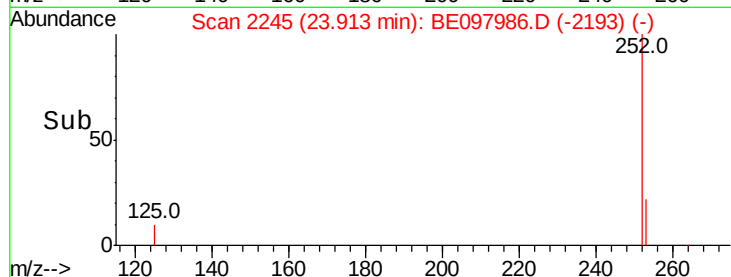
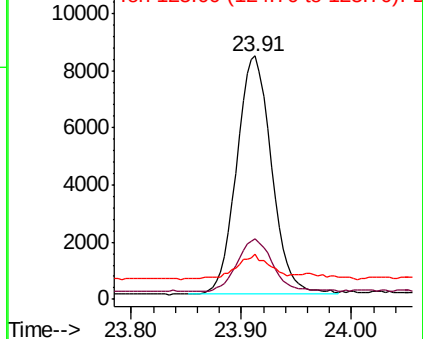
252 100

253 25.1 20.6 31.0

125 18.3 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: 0.261 ng

RT: 26.75 min Scan# 3036

Delta R.T. -0.02 min

Lab File: BE097986.D

Acq: 19 Oct 2018 10:20

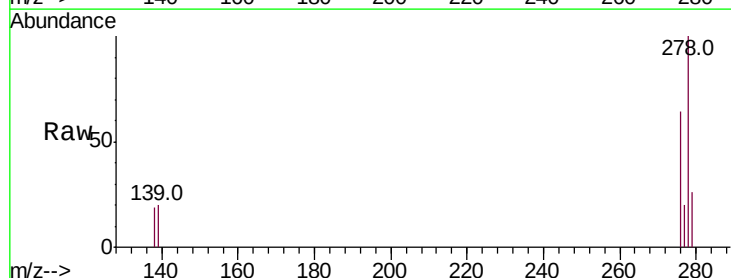
Tgt Ion:278 Resp: 17278

Ion Ratio Lower Upper

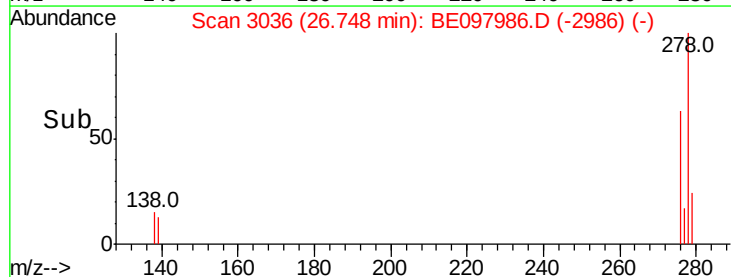
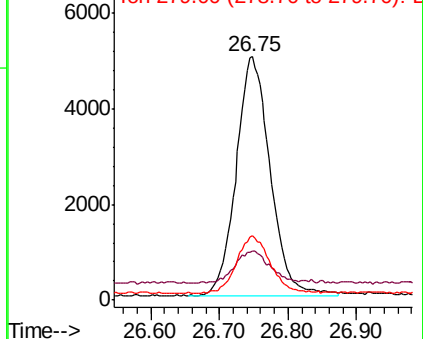
278 100

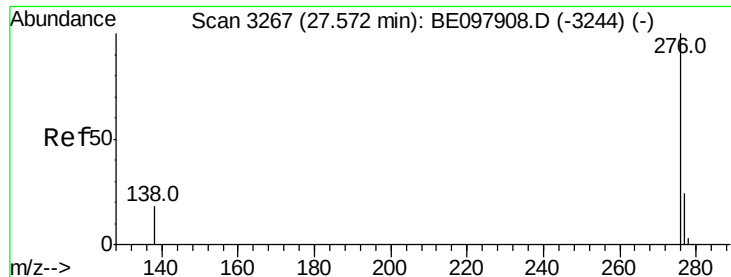
139 20.4 16.3 24.5

279 26.3 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: 0.260 ng

RT: 27.55 min Scan# 3260

Delta R.T. -0.02 min

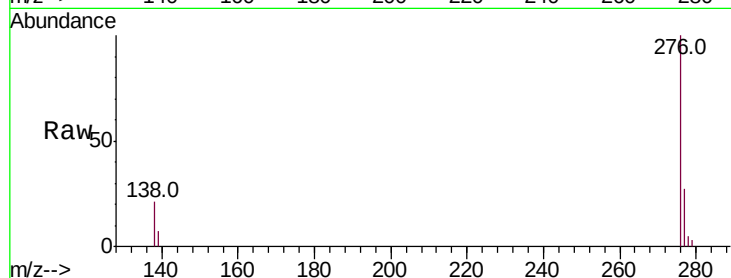
Lab File: BE097986.D

Acq: 19 Oct 2018 10:20

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 17606

Ion Ratio Lower Upper

276 100

277 26.8 22.1 33.1

138 21.4 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

