

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101918\
 Data File : BE098001.D
 Acq On : 19 Oct 2018 20:56
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 19 23:31:01 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	1913	0.40	ng	-0.01
7) Naphthalene-d8	10.68	136	9792	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	6883	0.40	ng	-0.02
19) Phenanthrene-d10	17.29	188	16947	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	18927	0.40	ng	-0.01
34) Perylene-d12	24.03	264	18565	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	2593	0.43	ng	-0.01
5) Phenol-d6	7.05	99	4250	0.48	ng	-0.01
8) Nitrobenzene-d5	9.03	82	3894	0.42	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	7516	0.46	ng	-0.02
14) 2,4,6-Tribromophenol	16.03	330	1440	0.39	ng	-0.01
15) 2-Fluorobiphenyl	13.16	172	11278	0.40	ng	-0.02
25) Fluoranthene-d10	19.32	212	88207	0.38	ng	-0.01
29) Terphenyl-d14	19.92	244	17996	0.41	ng	-0.01

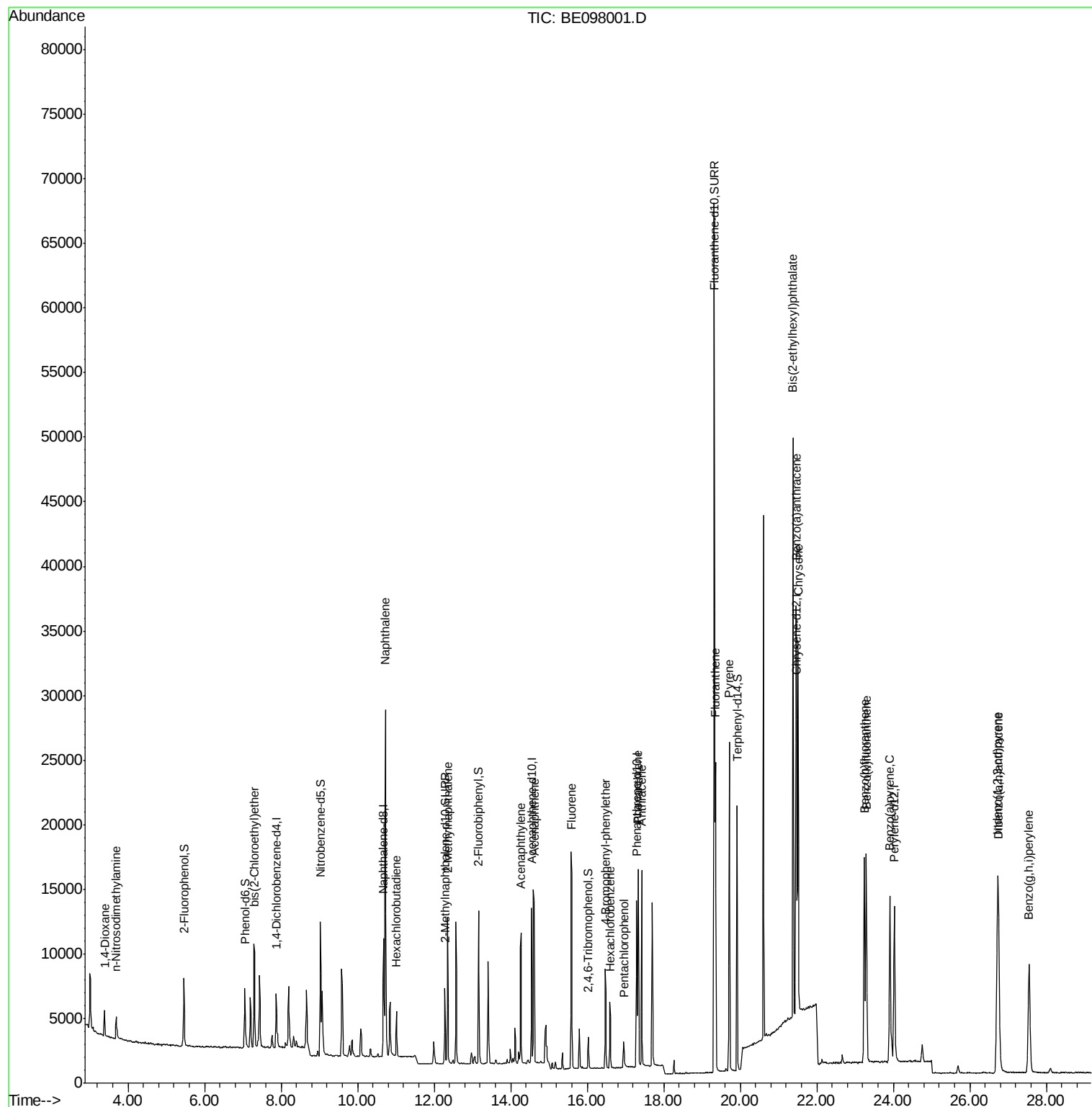
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	1455	0.436	ng	93
3) n-Nitrosodimethylamine	3.70	42	1422	0.382	ng	# 96
6) bis(2-Chloroethyl)ether	7.30	93	3069	0.405	ng	95
9) Naphthalene	10.73	128	42335	0.434	ng	100
10) Hexachlorobutadiene	11.02	225	2358	0.449	ng	94
12) 2-Methylnaphthalene	12.35	142	7572	0.453	ng	98
16) Acenaphthylene	14.27	152	13370	0.420	ng	99
17) Acenaphthene	14.61	154	8169	0.420	ng	99
18) Fluorene	15.59	166	10913	0.408	ng	100
20) 4-Bromophenyl-phenylether	16.48	248	4103	0.443	ng	# 88
21) Hexachlorobenzene	16.60	284	4215	0.463	ng	99
22) Pentachlorophenol	16.95	266	1393	0.589	ng	96
23) Phenanthrene	17.33	178	17714	0.411	ng	100
24) Anthracene	17.42	178	16771	0.412	ng	99
26) Fluoranthene	19.35	202	21670	0.384	ng	97
28) Pyrene	19.71	202	22912	0.420	ng	99
30) Benzo(a)anthracene	21.46	228	24267	0.418	ng	97
31) Chrysene	21.51	228	23849	0.434	ng	98
32) Bis(2-ethylhexyl)phthalate	21.38	149	53716	0.397	ng	100
33) Indeno(1,2,3-cd)pyrene	26.72	276	25394	0.426	ng	99
35) Benzo(b)fluoranthene	23.24	252	22311	0.418	ng	# 91
36) Benzo(k)fluoranthene	23.30	252	23797	0.427	ng	# 91
37) Benzo(a)pyrene	23.91	252	22141	0.425	ng	# 92
38) Dibenzo(a,h)anthracene	26.75	278	21132	0.414	ng	# 94
39) Benzo(g,h,i)perylene	27.55	276	21205	0.406	ng	# 91

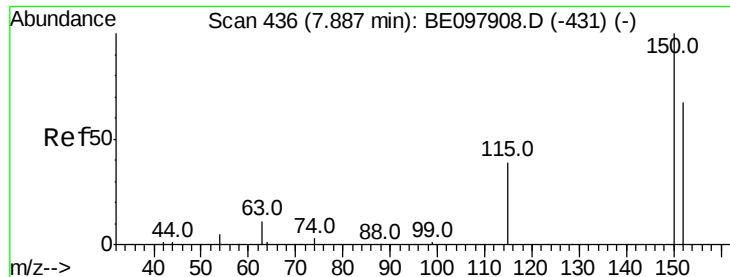
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101918\
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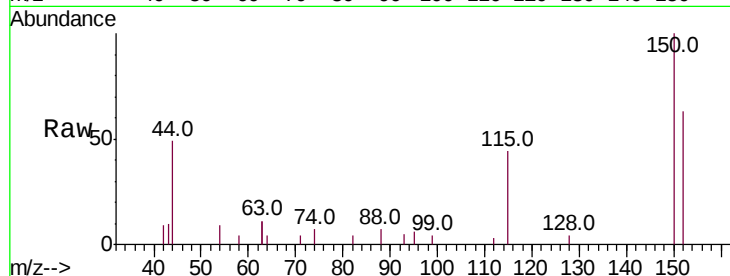


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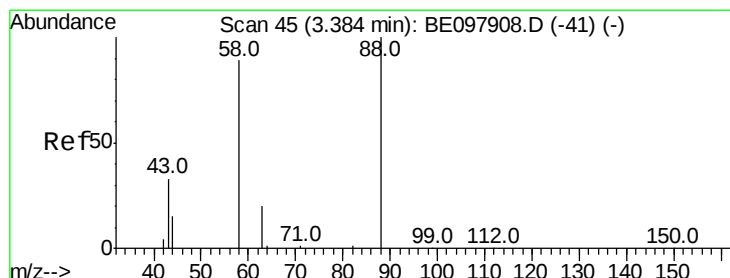
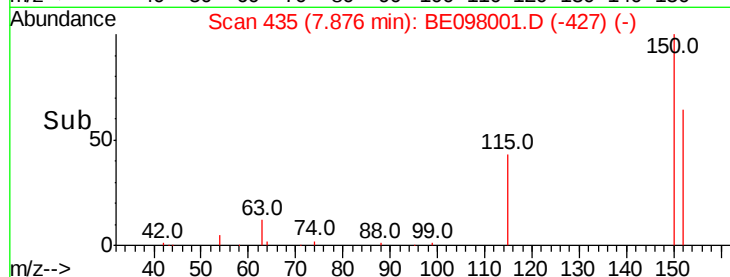
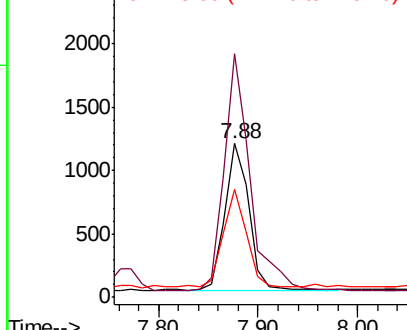
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. -0.01 min
Lab File: BE098001.D
Acq: 19 Oct 2018 20:56

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1913
Ion Ratio Lower Upper
152 100
150 158.2 118.2 177.4
115 70.3 50.9 76.3



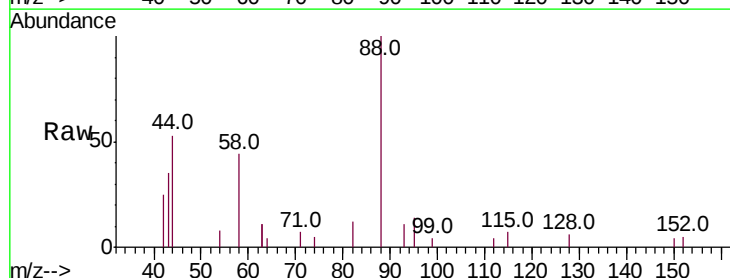
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



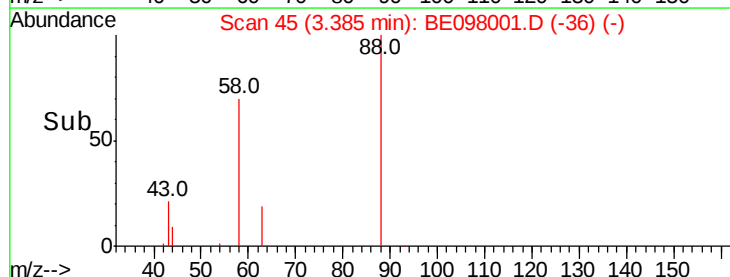
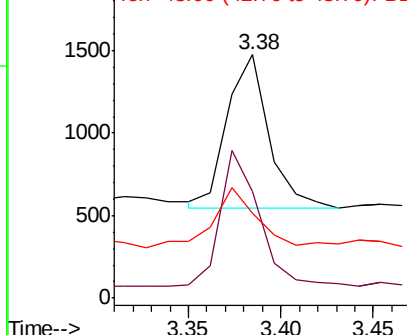
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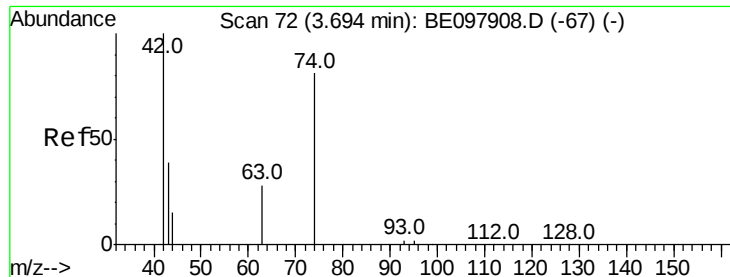
1,4-Dioxane
Concen: 0.436 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE098001.D
Acq: 19 Oct 2018 20:56

Tgt Ion: 88 Resp: 1455
Ion Ratio Lower Upper
88 100
58 83.8 73.2 109.8
43 42.3 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



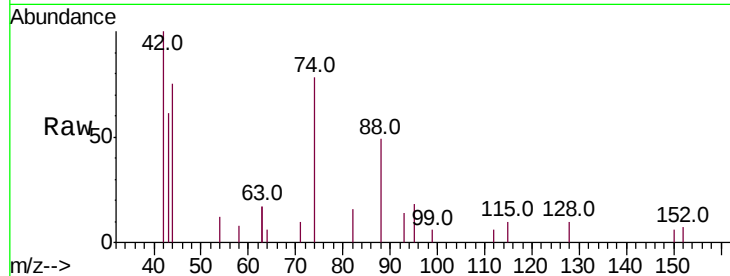


#3

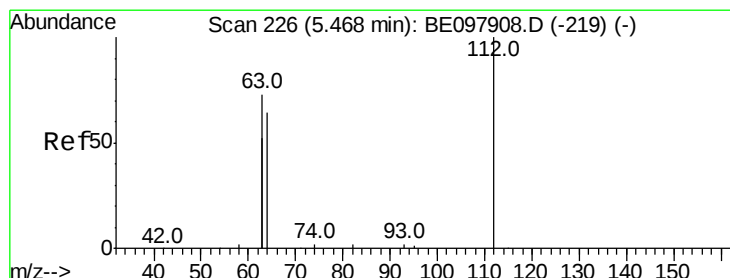
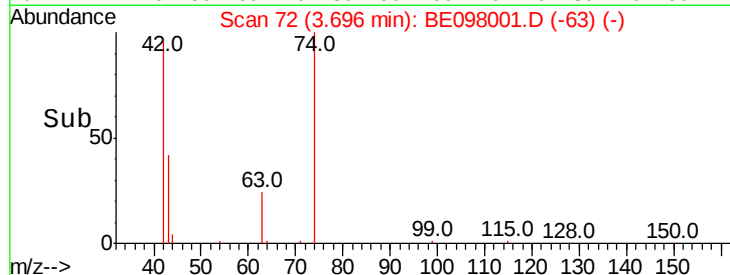
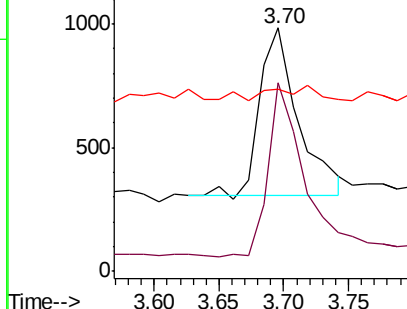
n-Nitrosodimethylamine
 Concen: 0.382 ng
 RT: 3.70 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE098001.D
 Acq: 19 Oct 2018 20:56

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 42 Resp: 1422
 Ion Ratio Lower Upper
 42 100
 74 94.7 77.6 116.4
 44 0.0 7.6 11.4#



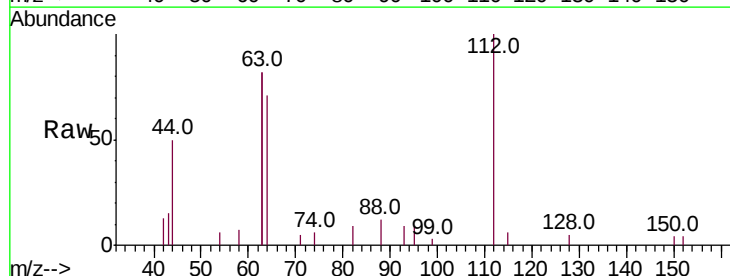
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



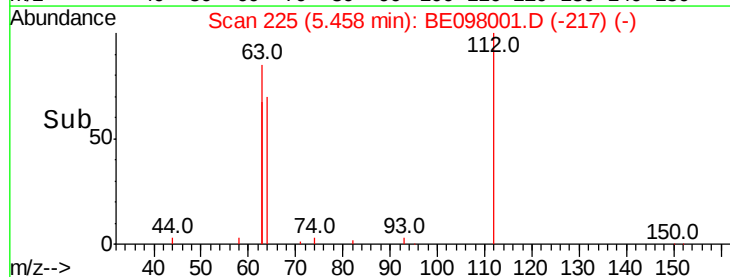
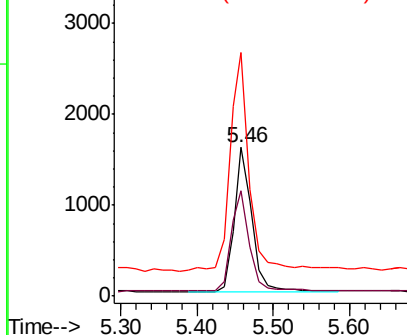
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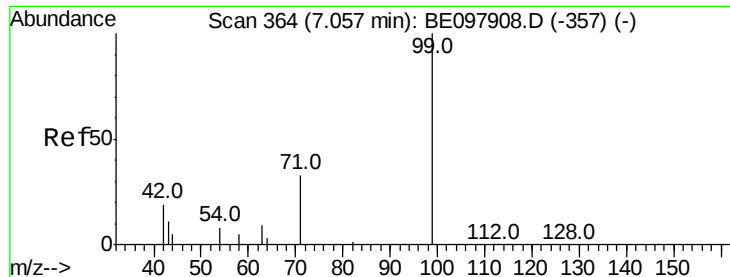
2-Fluorophenol
 Concen: 0.430 ng
 RT: 5.46 min Scan# 225
 Delta R.T. -0.01 min
 Lab File: BE098001.D
 Acq: 19 Oct 2018 20:56

Tgt Ion: 112 Resp: 2593
 Ion Ratio Lower Upper
 112 100
 64 70.8 58.9 88.3
 63 159.0 120.3 180.5



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: 0.477 ng

RT: 7.05 min Scan# 363

Delta R.T. -0.01 min

Lab File: BE098001.D

Acq: 19 Oct 2018 20:56

Instrument :

BNA_E

ClientSampleId :

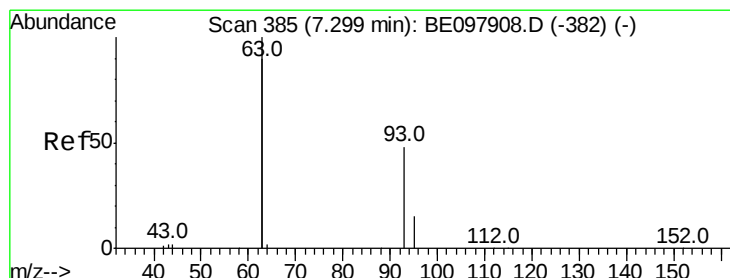
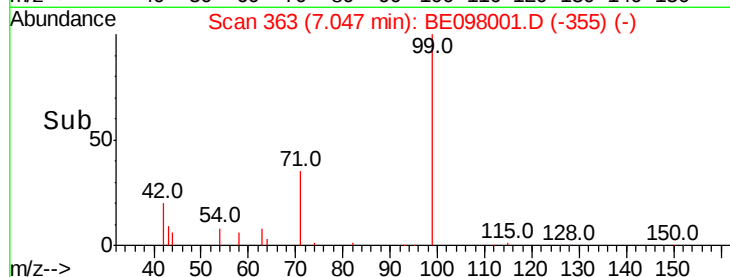
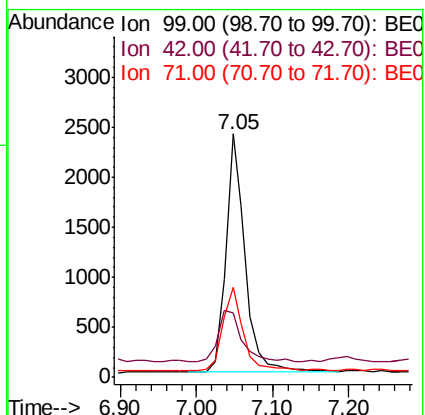
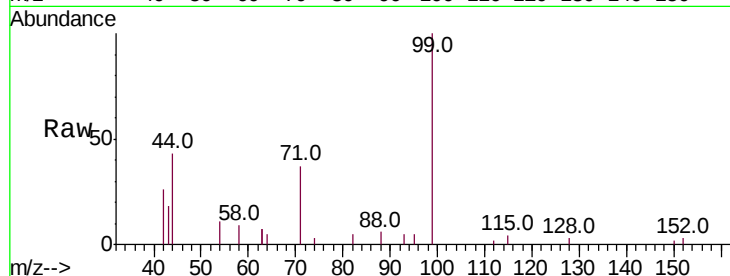
Tot Ion: 99 Resp: 4250

Ion Ratio Lower Upper

99 100

42 26.3 19.9 29.9

71 37.0 27.8 41.8



#6

bis(2-Chloroethyl)ether

Concen: 0.405 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE098001.D

Acq: 19 Oct 2018 20:56

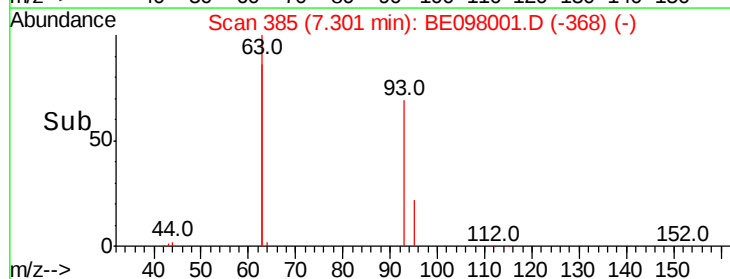
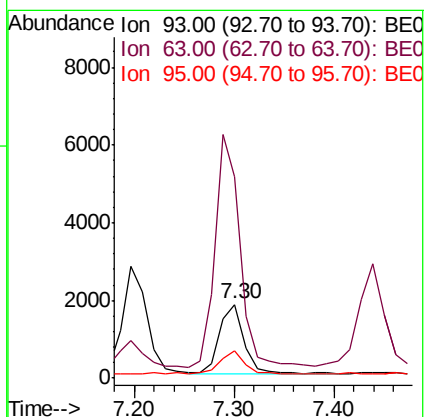
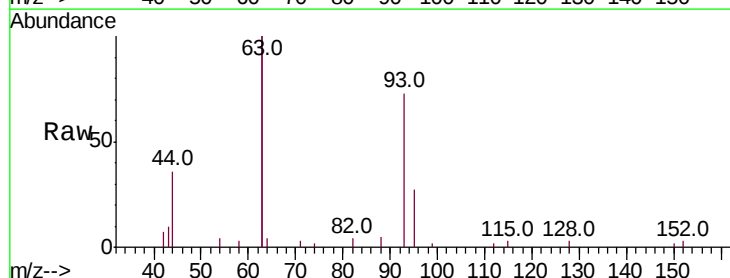
Tgt Ion: 93 Resp: 3069

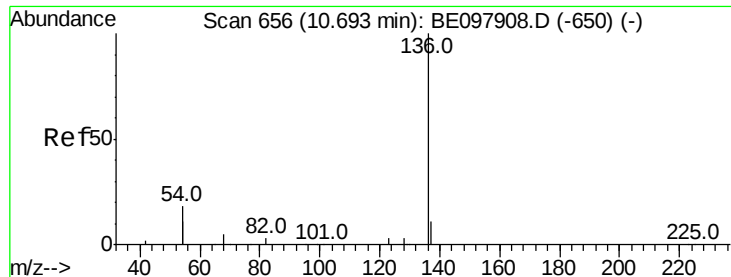
Ion Ratio Lower Upper

93 100

63 334.9 259.0 388.4

95 31.4 27.8 41.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE098001.D

Acq: 19 Oct 2018 20:56

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 9792

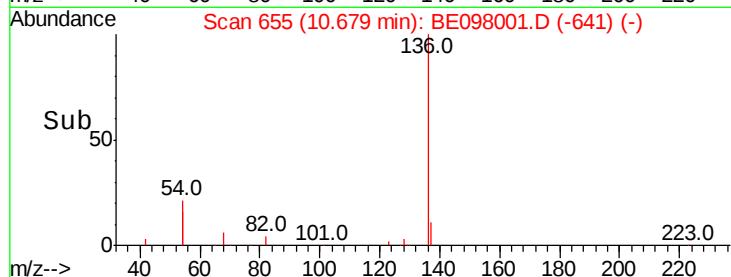
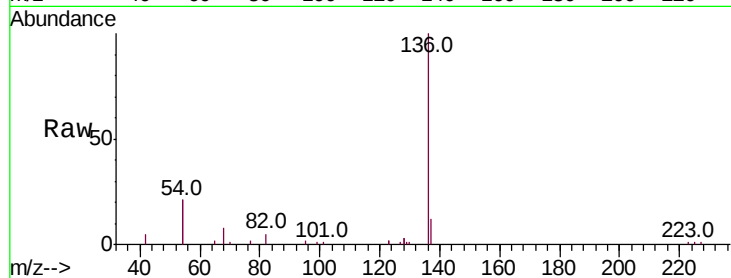
Ion Ratio Lower Upper

136 100

137 11.6 9.6 14.4

54 42.2 27.7 41.5#

68 7.6 5.3 7.9

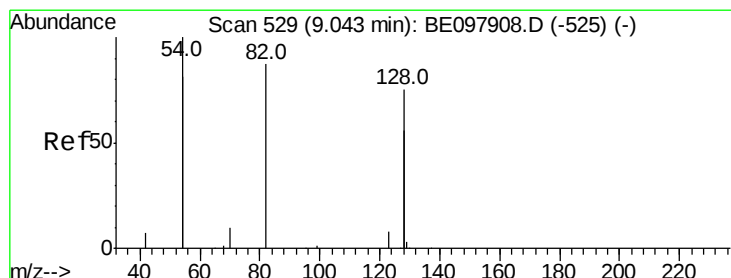
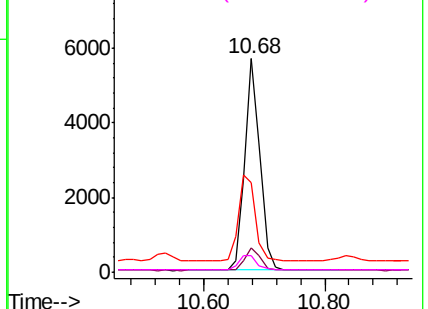


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.420 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE098001.D

Acq: 19 Oct 2018 20:56

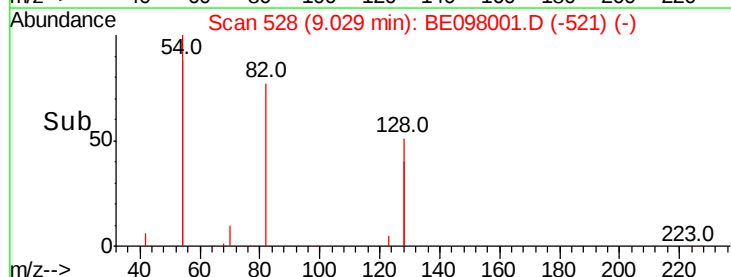
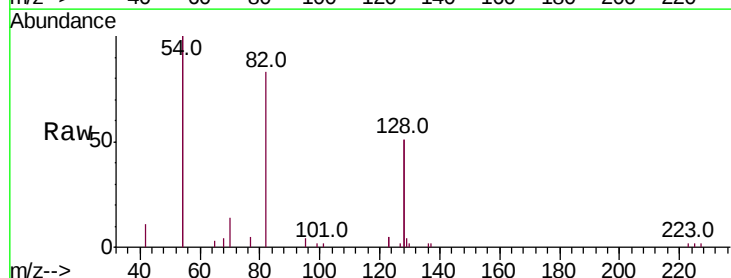
Tgt Ion: 82 Resp: 3894

Ion Ratio Lower Upper

82 100

128 123.0 129.9 194.9#

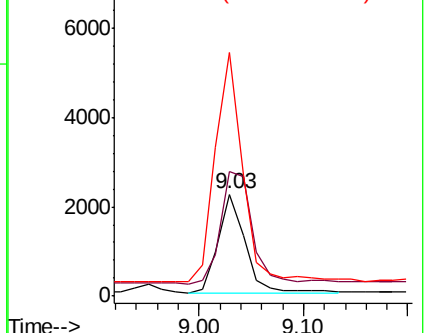
54 239.8 174.0 261.0

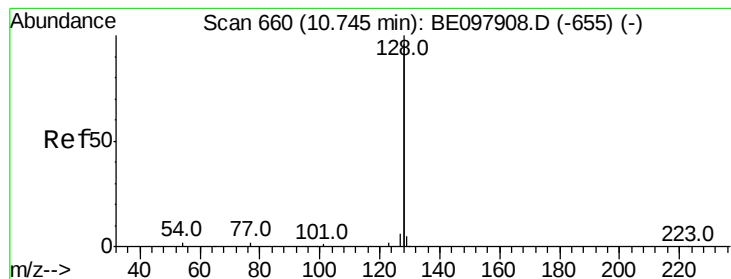


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.434 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE098001.D

Acq: 19 Oct 2018 20:56

Instrument :

BNA_E

ClientSampleId :

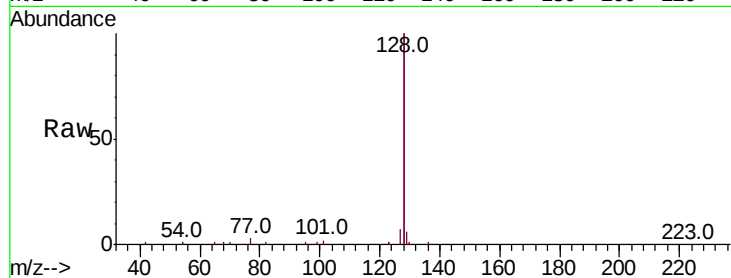
Tot Ion:128 Resp: 42335

Ion Ratio Lower Upper

128 100

129 3.0 2.5 3.7

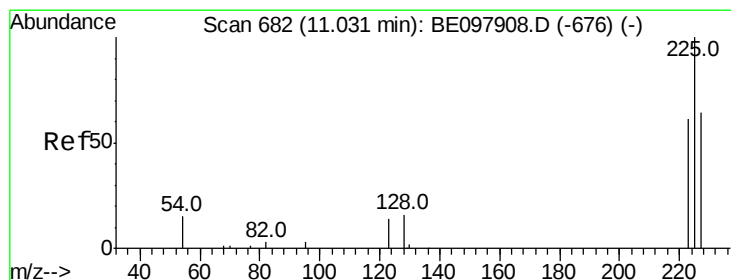
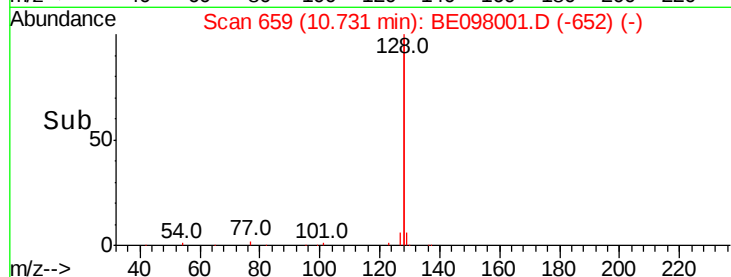
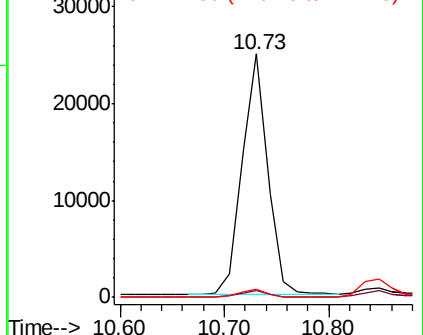
127 3.4 2.8 4.2



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: 0.449 ng

RT: 11.02 min Scan# 681

Delta R.T. -0.01 min

Lab File: BE098001.D

Acq: 19 Oct 2018 20:56

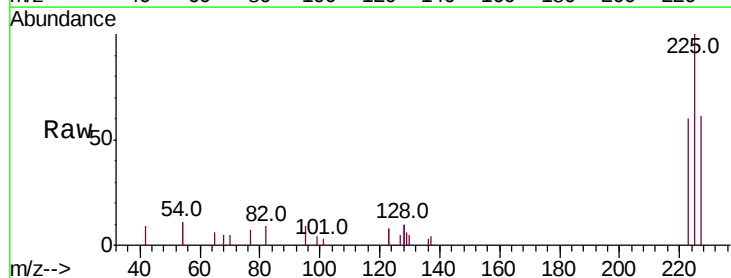
Tgt Ion:225 Resp: 2358

Ion Ratio Lower Upper

225 100

223 61.2 51.8 77.8

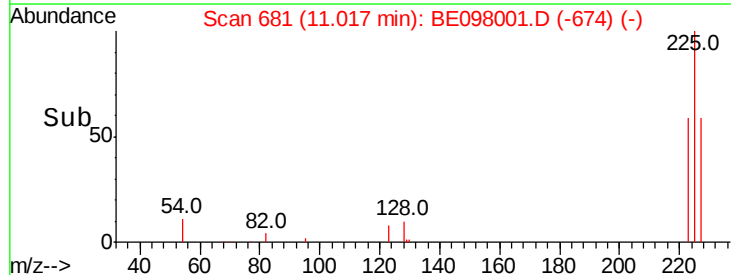
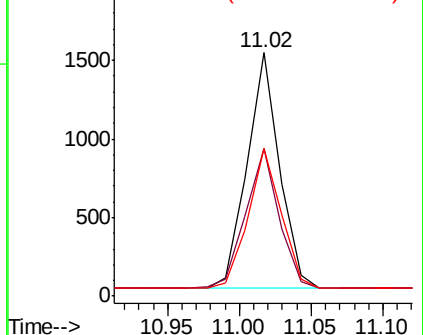
227 60.2 53.0 79.6

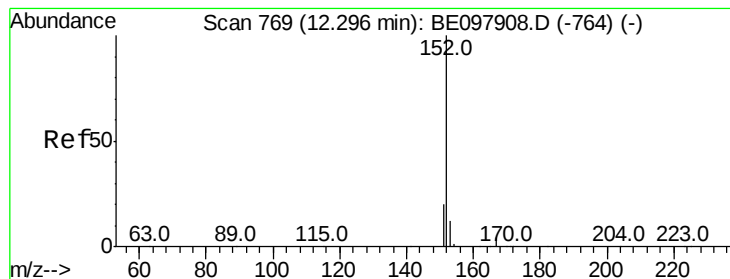


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.461 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.02 min

Lab File: BE098001.D

Acq: 19 Oct 2018 20:56

Instrument :

BNA_E

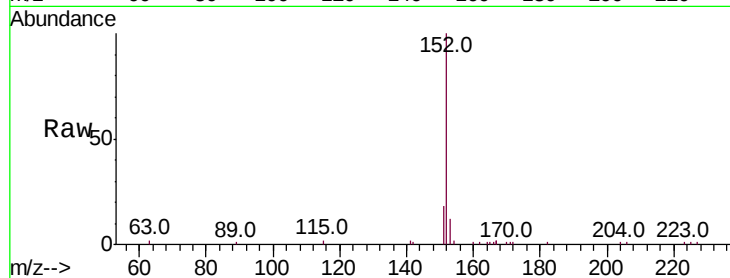
ClientSampled :

Tot Ion:152 Resp: 7516

Ion Ratio Lower Upper

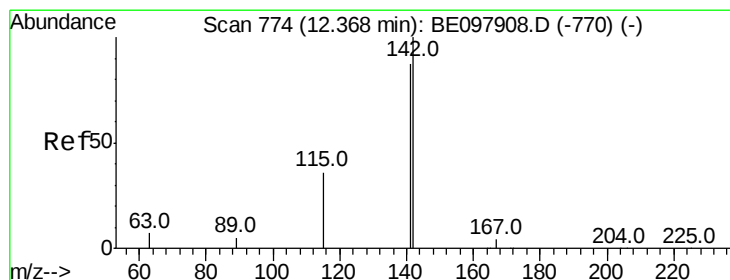
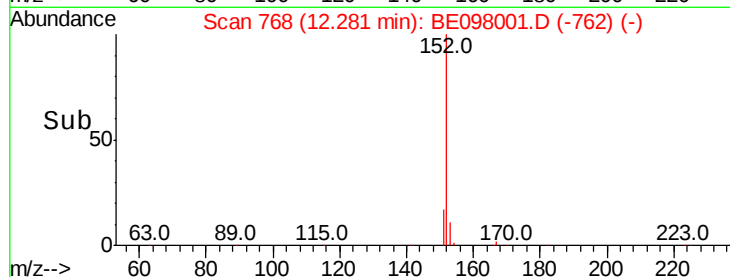
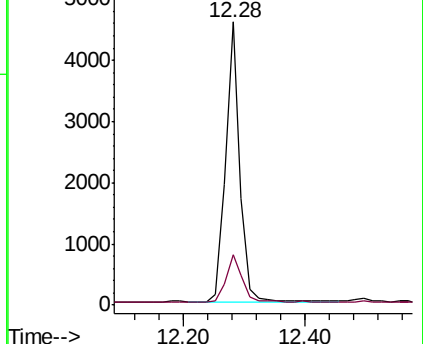
152 100

151 18.5 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: 0.453 ng

RT: 12.35 min Scan# 773

Delta R.T. -0.02 min

Lab File: BE098001.D

Acq: 19 Oct 2018 20:56

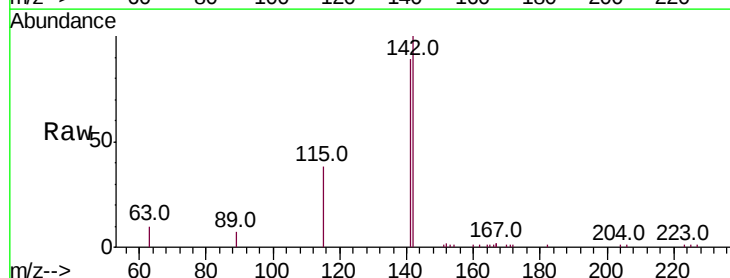
Tgt Ion:142 Resp: 7572

Ion Ratio Lower Upper

142 100

141 89.1 69.8 104.6

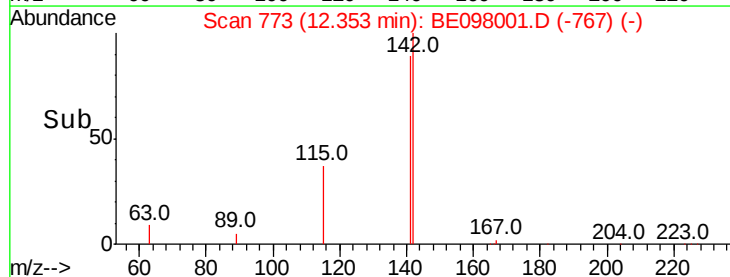
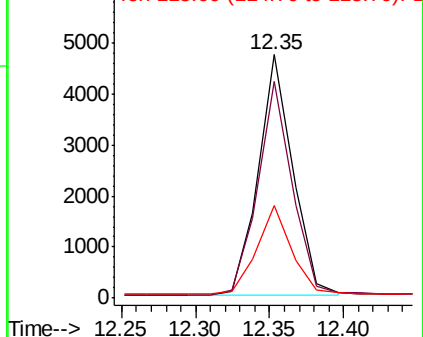
115 38.2 30.5 45.7

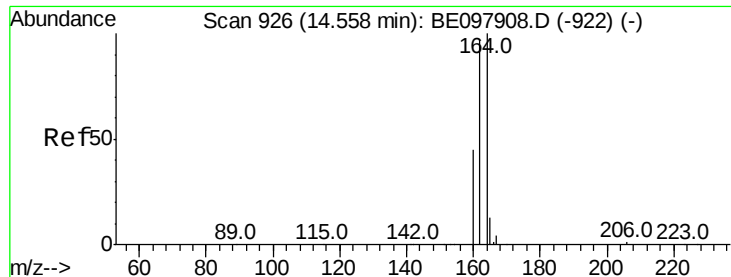


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

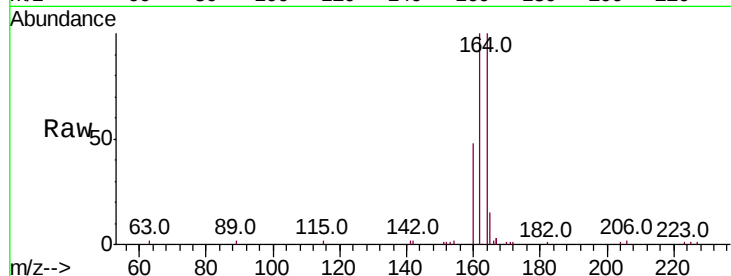




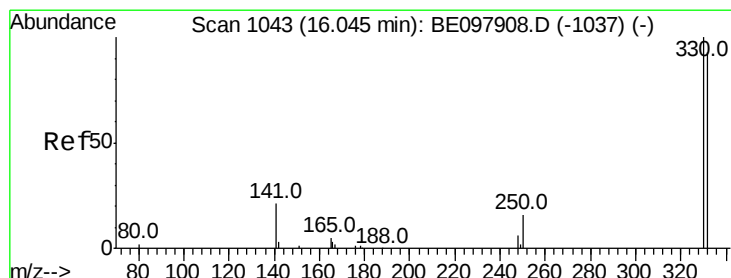
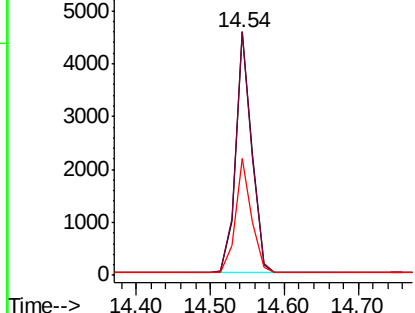
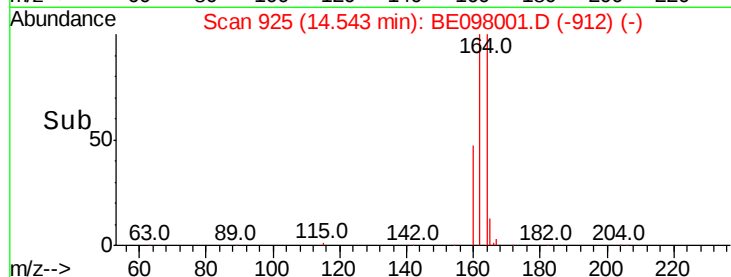
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.02 min
Lab File: BE098001.D
Acq: 19 Oct 2018 20:56

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 6883
Ion Ratio Lower Upper
164 100
162 99.8 77.4 116.2
160 47.9 36.5 54.7

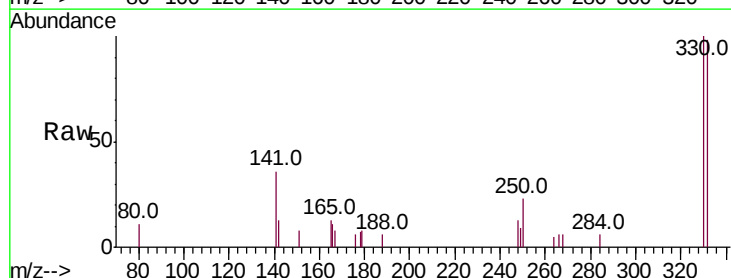


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

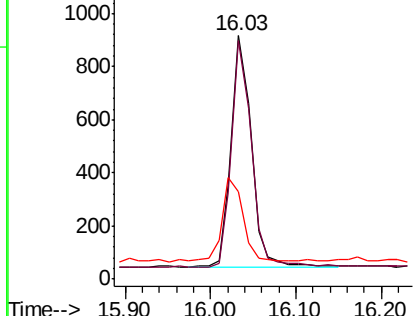
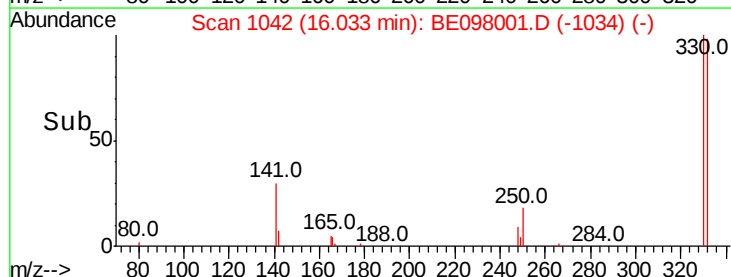


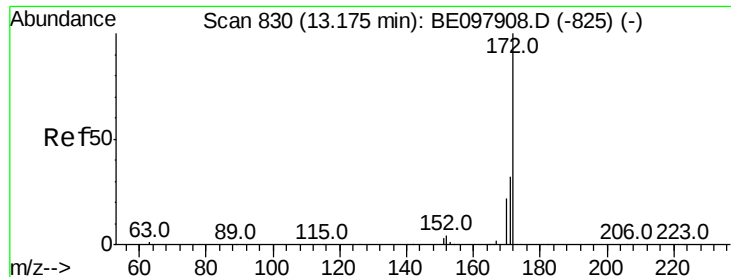
#14
2,4,6-Tribromophenol
Concen: 0.389 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE098001.D
Acq: 19 Oct 2018 20:56

Tgt Ion:330 Resp: 1440
Ion Ratio Lower Upper
330 100
332 97.8 76.5 114.7
141 40.3 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

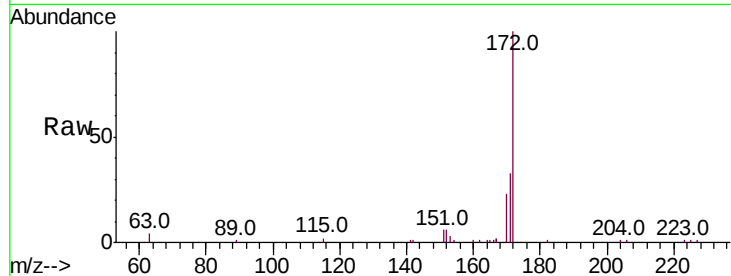




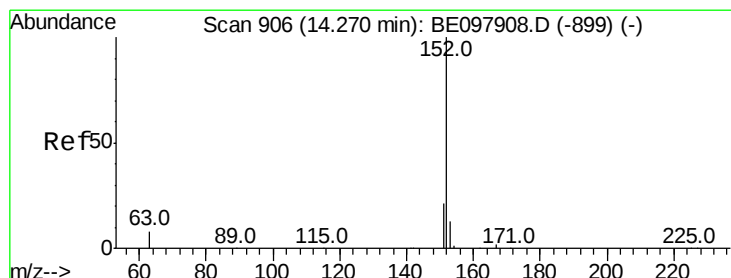
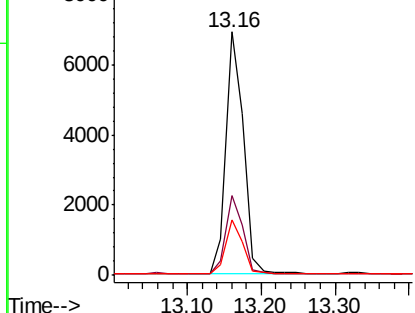
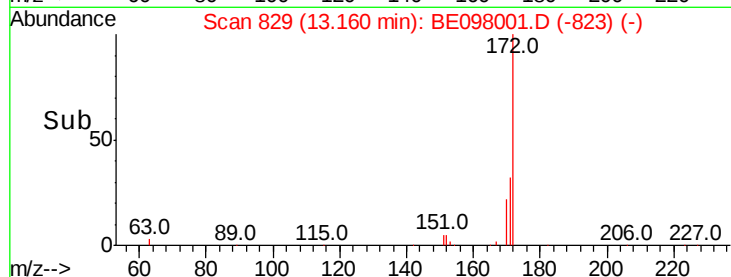
#15
2-Fluorobiphenyl
Concen: 0.401 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.02 min
Lab File: BE098001.D
Acq: 19 Oct 2018 20:56

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 11278
Ion Ratio Lower Upper
172 100
171 32.8 26.0 39.0
170 22.8 18.0 27.0

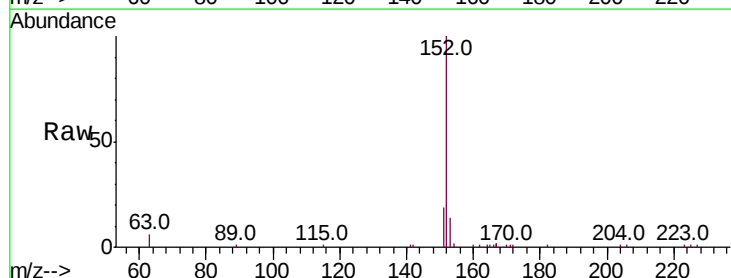


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

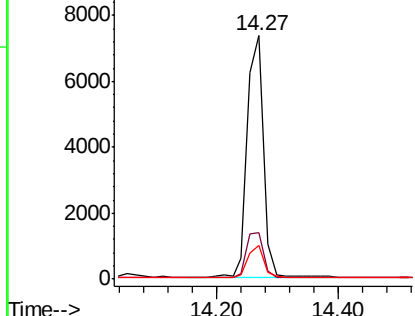
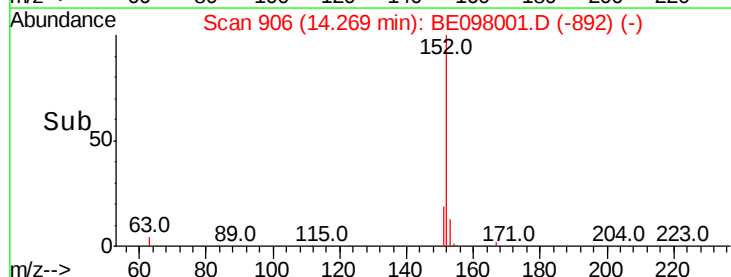


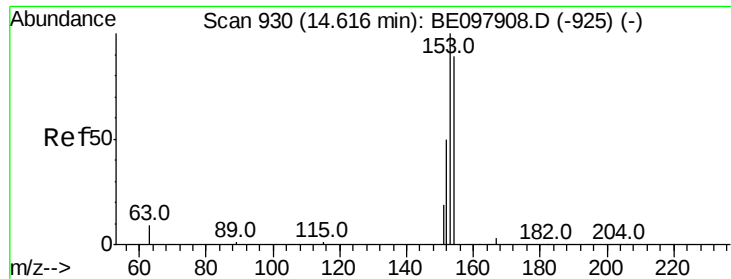
#16
Acenaphthylene
Concen: 0.420 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE098001.D
Acq: 19 Oct 2018 20:56

Tgt Ion:152 Resp: 13370
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.0 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: 0.420 ng

RT: 14.61 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE098001.D

Acq: 19 Oct 2018 20:56

Instrument :

BNA_E

ClientSampleId :

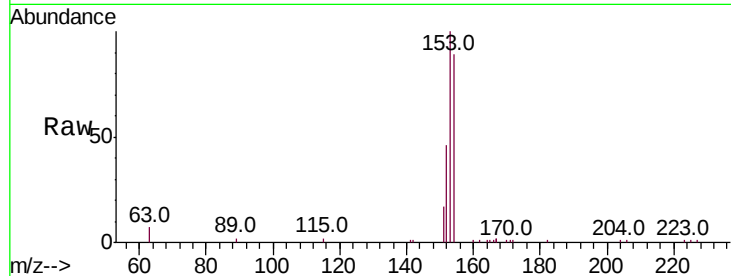
Tot Ion:154 Resp: 8169

Ion Ratio Lower Upper

154 100

153 116.3 92.6 139.0

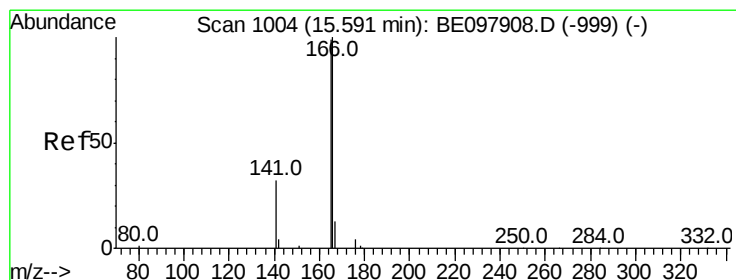
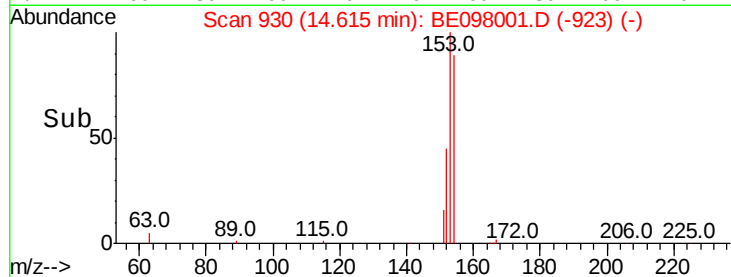
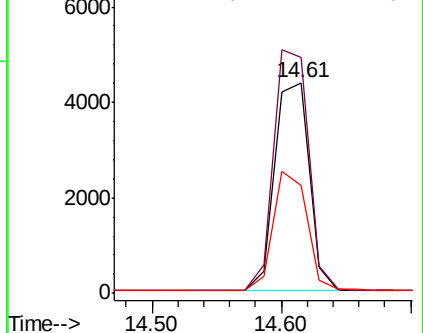
152 55.5 45.5 68.3



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: 0.408 ng

RT: 15.59 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE098001.D

Acq: 19 Oct 2018 20:56

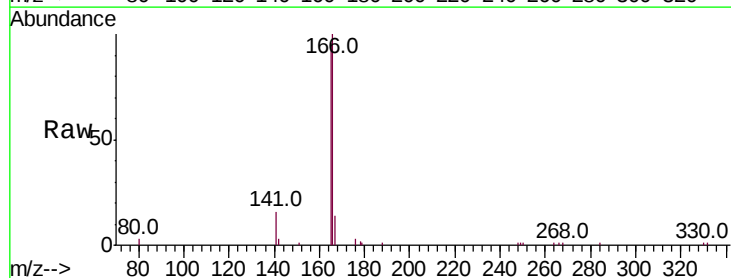
Tgt Ion:166 Resp: 10913

Ion Ratio Lower Upper

166 100

165 97.6 78.2 117.4

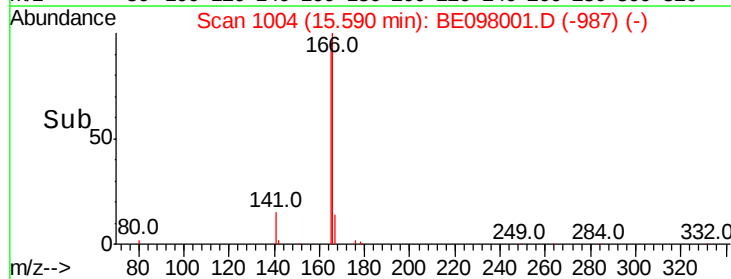
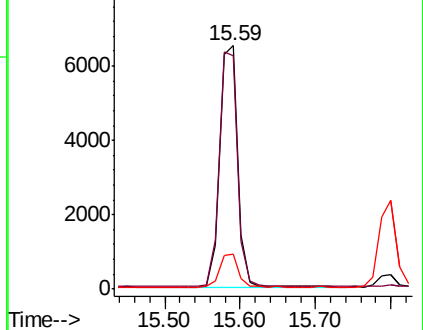
167 13.9 11.0 16.6

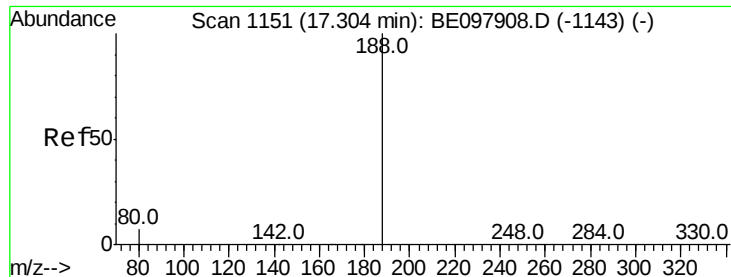


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE098001.D

Acq: 19 Oct 2018 20:56

Instrument :

BNA_E

ClientSampleId :

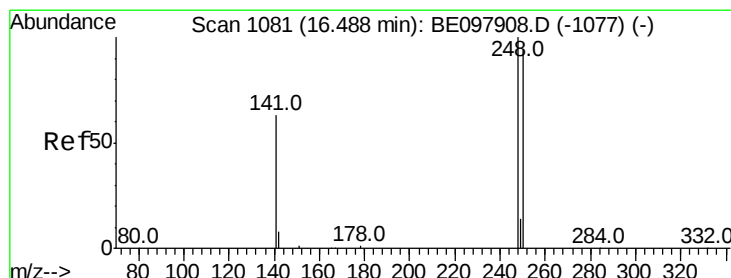
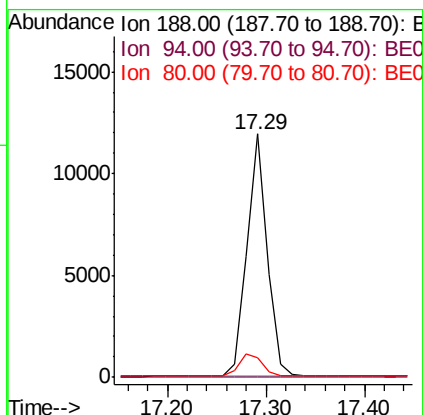
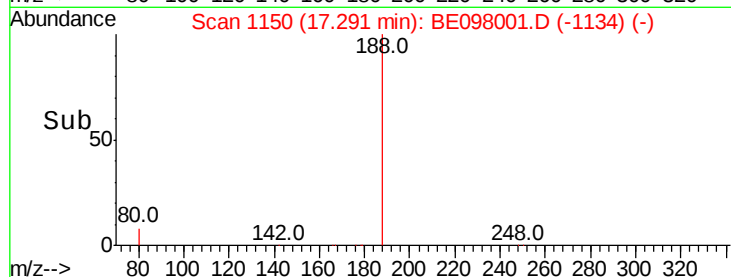
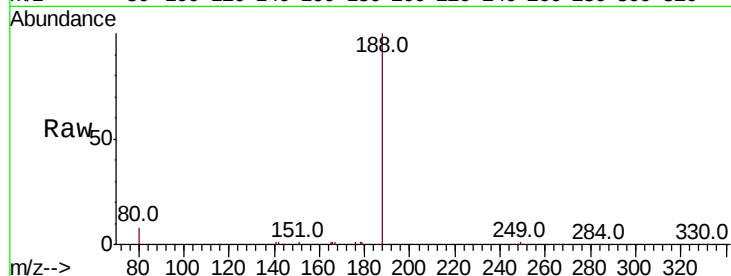
Tot Ion:188 Resp: 16947

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.3 6.3 9.5



#20

4-Bromophenyl-phenylether

Concen: 0.443 ng

RT: 16.48 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BE098001.D

Acq: 19 Oct 2018 20:56

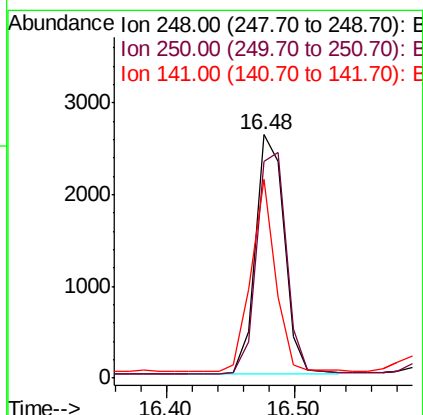
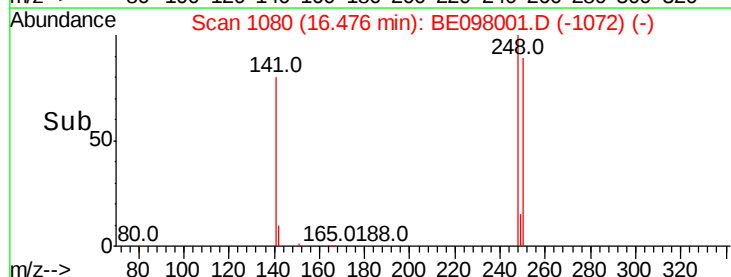
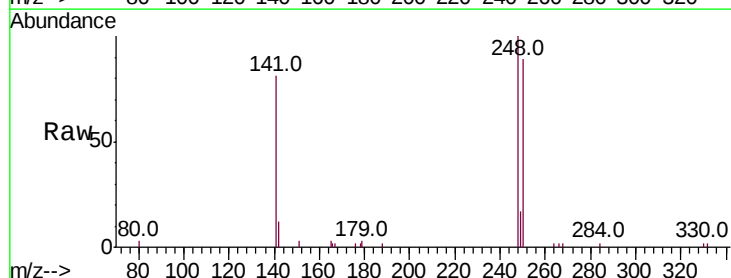
Tgt Ion:248 Resp: 4103

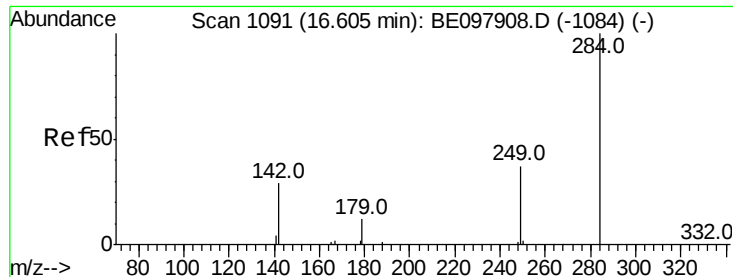
Ion Ratio Lower Upper

248 100

250 89.2 75.1 112.7

141 81.5 51.8 77.8#





#21

Hexachlorobenzene

Concen: 0.463 ng

RT: 16.60 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE098001.D

Acq: 19 Oct 2018 20:56

Instrument :

BNA_E

ClientSampleId :

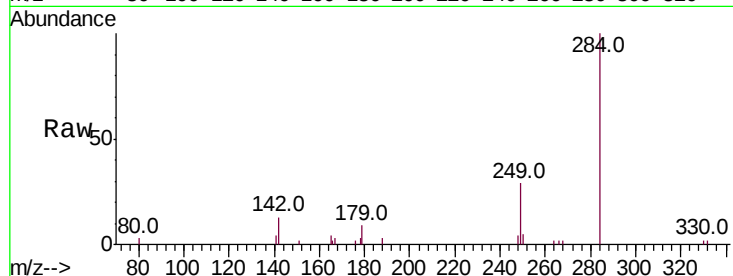
Tot Ion:284 Resp: 4215

Ion Ratio Lower Upper

284 100

142 31.8 25.9 38.9

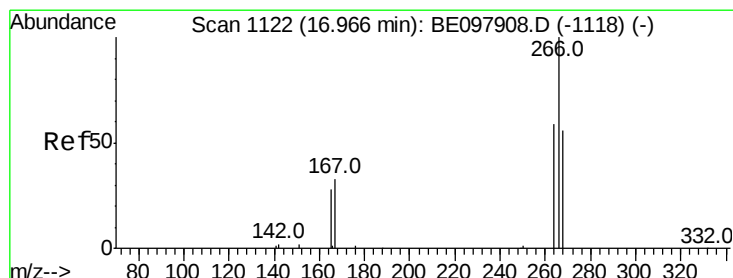
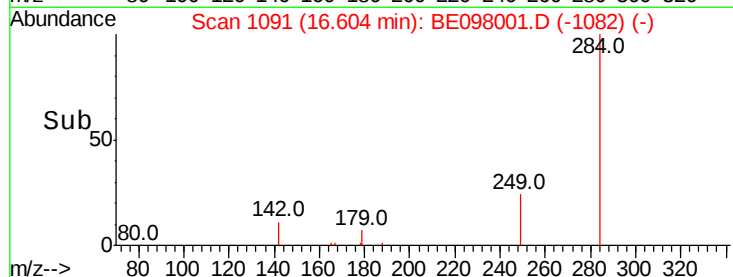
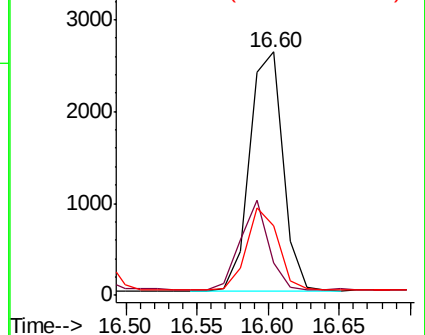
249 32.5 26.6 40.0



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: 0.589 ng

RT: 16.95 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE098001.D

Acq: 19 Oct 2018 20:56

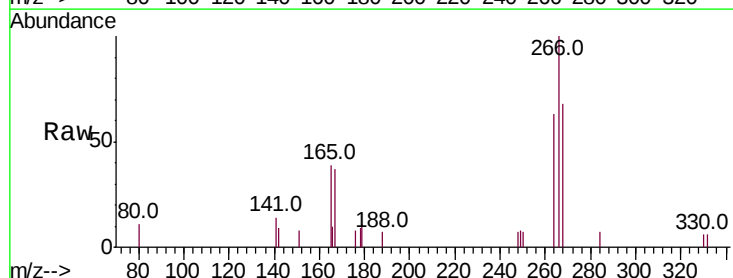
Tgt Ion:266 Resp: 1393

Ion Ratio Lower Upper

266 100

264 63.0 51.3 76.9

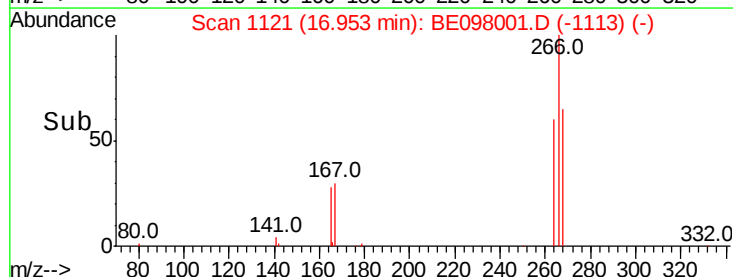
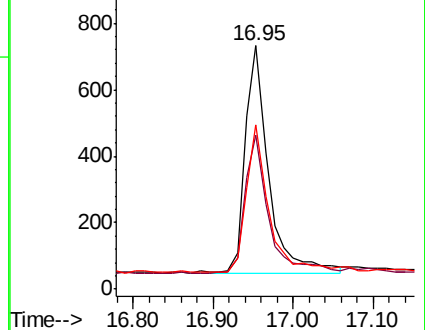
268 67.7 50.1 75.1

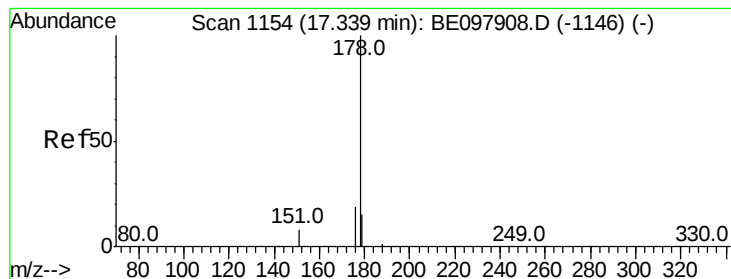


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.411 ng

RT: 17.33 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BE098001.D

Acq: 19 Oct 2018 20:56

Instrument :

BNA_E

ClientSampled :

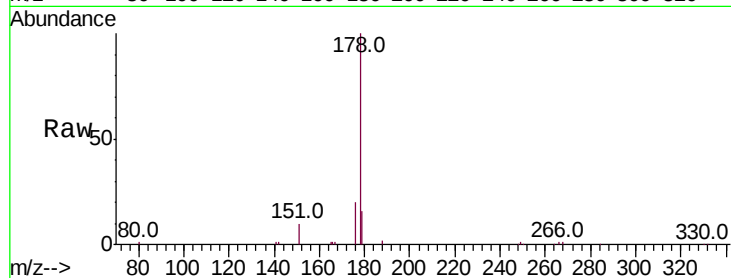
Tot Ion:178 Resp: 17714

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.3 12.2 18.4

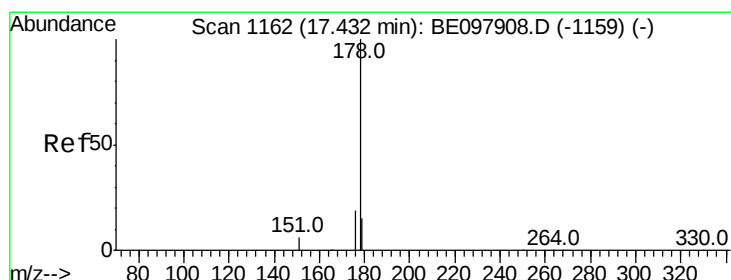
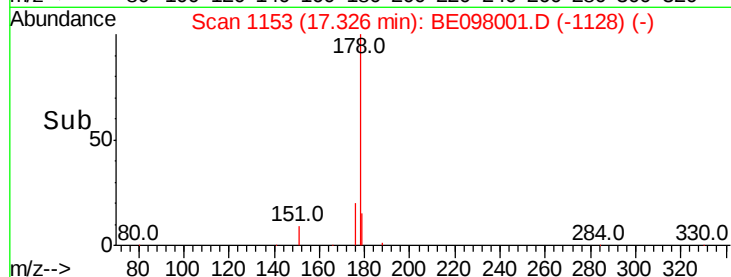
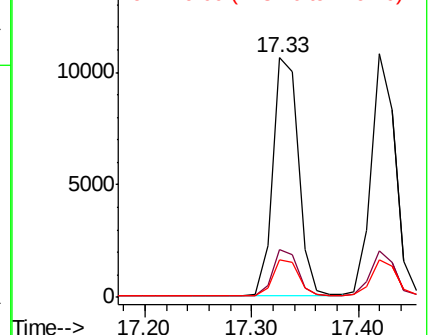


Abundance

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: 0.412 ng

RT: 17.42 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BE098001.D

Acq: 19 Oct 2018 20:56

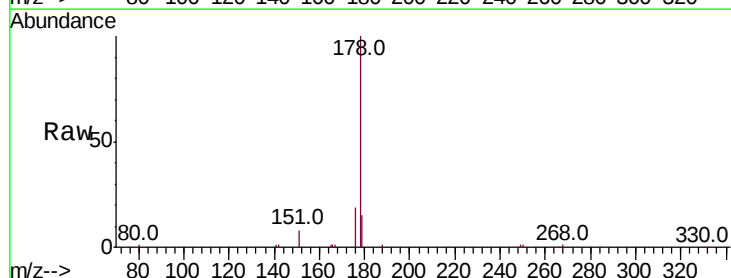
Tgt Ion:178 Resp: 16771

Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

179 15.2 11.9 17.9

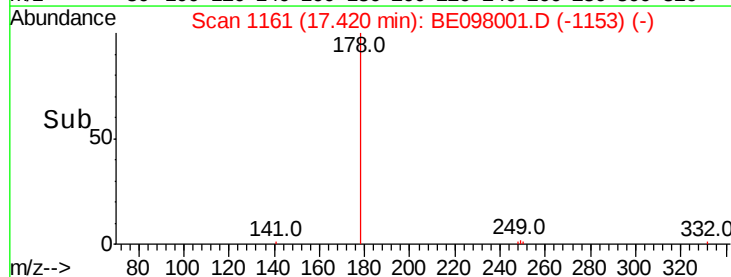
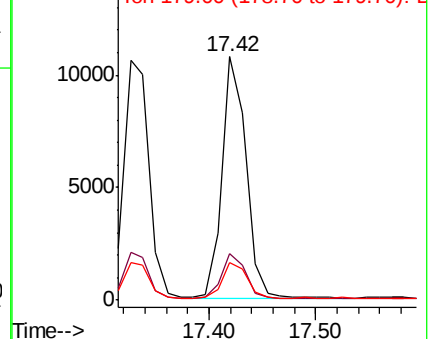


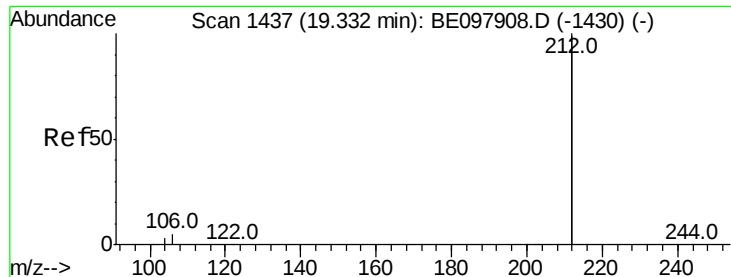
Abundance

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: 0.384 ng

RT: 19.32 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE098001.D

Acq: 19 Oct 2018 20:56

Instrument :

BNA_E

ClientSampleId :

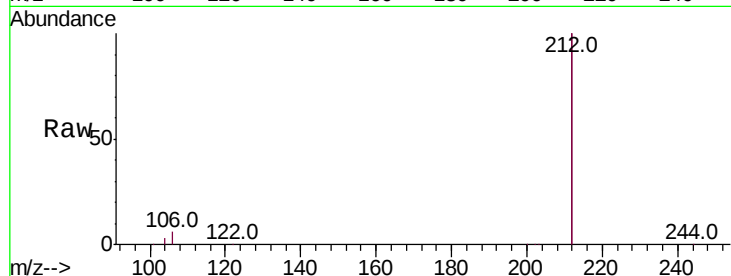
Tot Ion:212 Resp: 88207

Ion Ratio Lower Upper

212 100

106 2.7 2.3 3.5

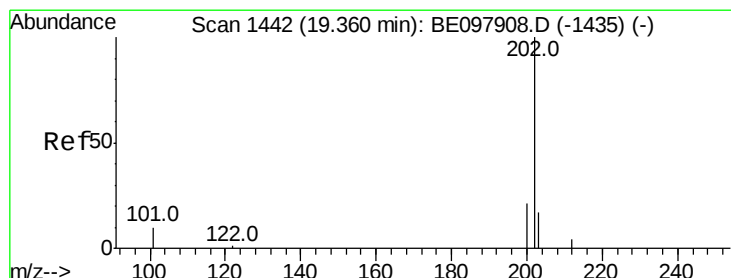
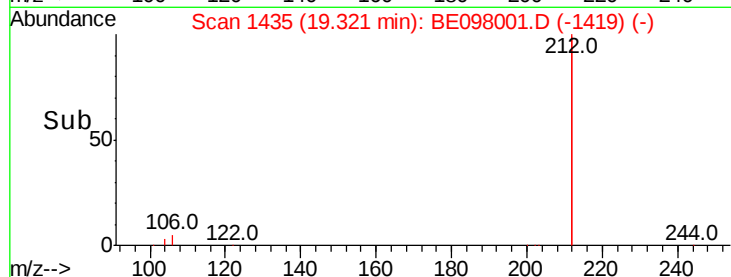
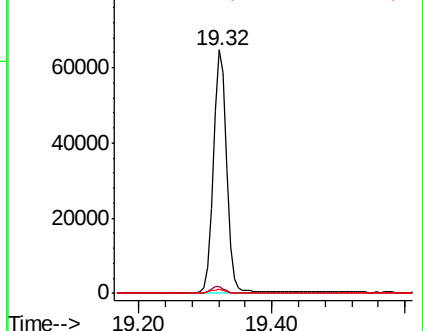
104 1.5 1.3 1.9



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: 0.384 ng

RT: 19.35 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BE098001.D

Acq: 19 Oct 2018 20:56

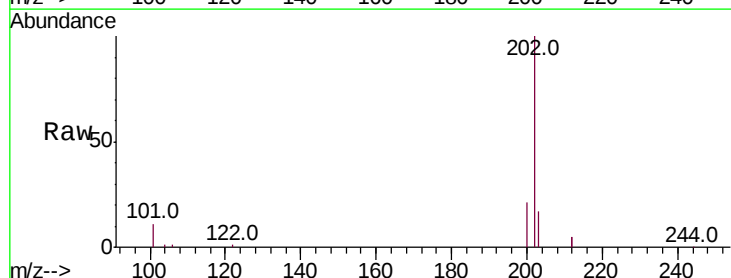
Tgt Ion:202 Resp: 21670

Ion Ratio Lower Upper

202 100

101 10.0 8.2 12.2

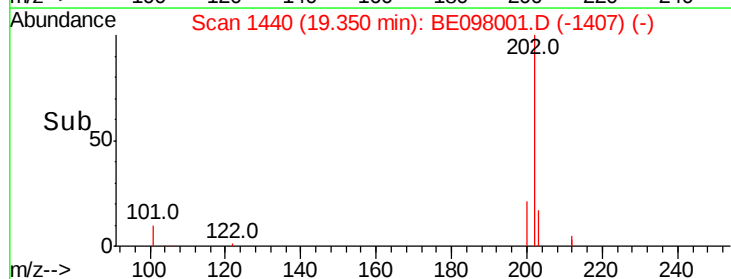
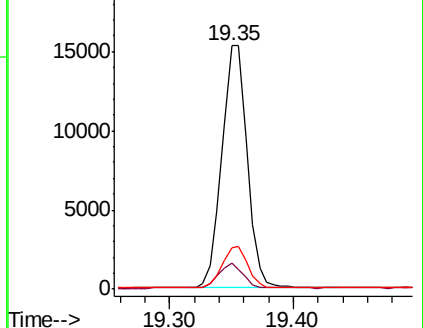
203 16.8 15.0 22.4

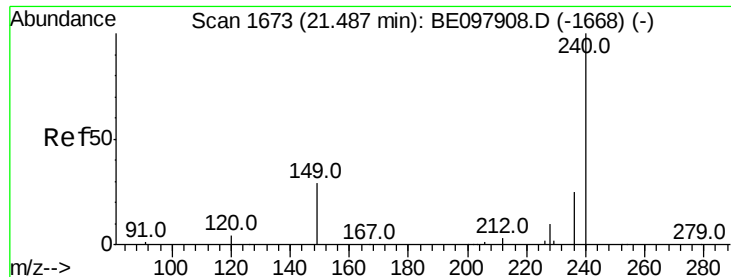


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE098001.D

Acq: 19 Oct 2018 20:56

Instrument :

BNA_E

ClientSampleId :

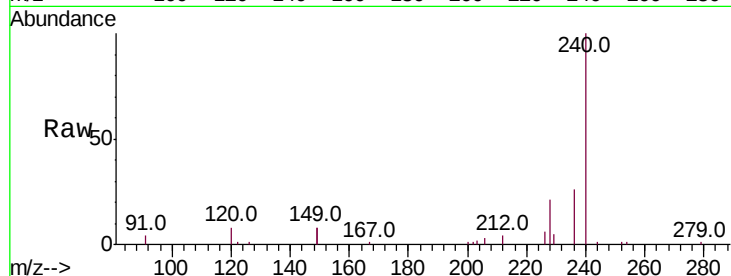
Tot Ion:240 Resp: 18927

Ion Ratio Lower Upper

240 100

120 8.0 7.1 10.7

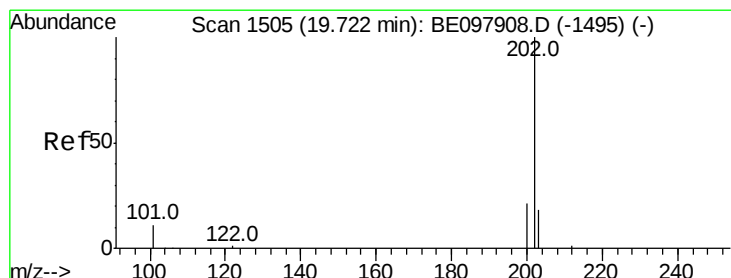
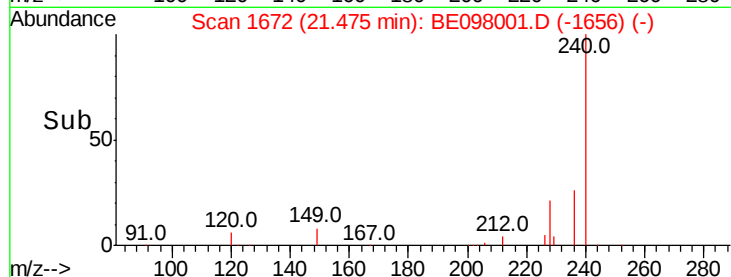
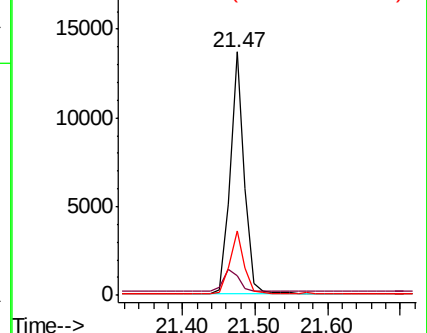
236 26.3 21.3 31.9



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: 0.420 ng

RT: 19.71 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BE098001.D

Acq: 19 Oct 2018 20:56

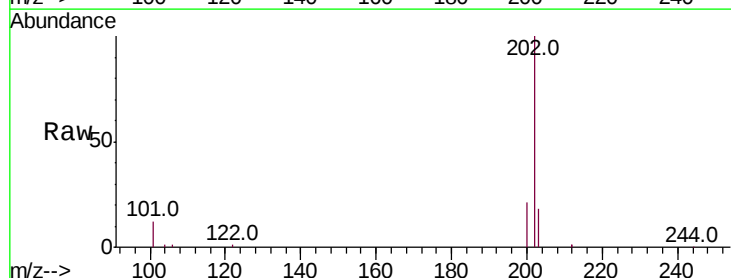
Tgt Ion:202 Resp: 22912

Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.4

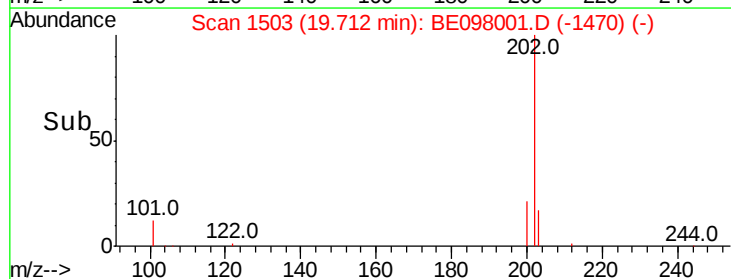
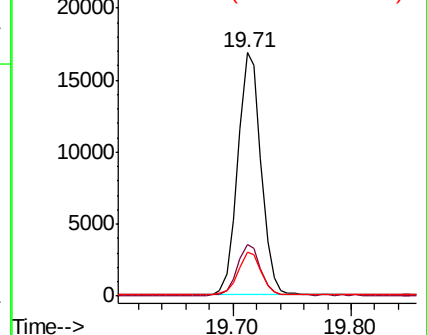
203 17.6 14.2 21.4

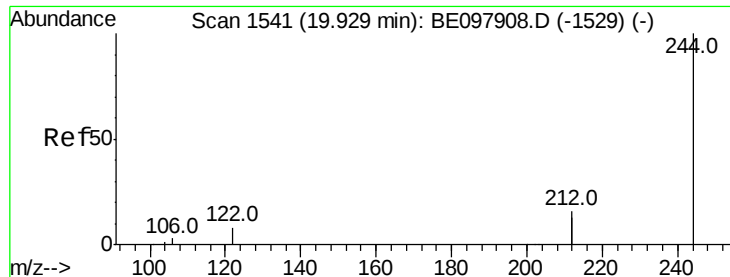


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.415 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.01 min

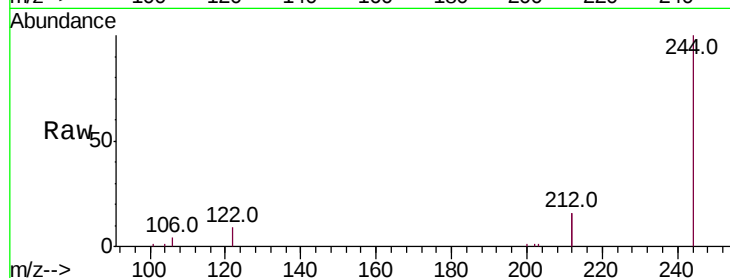
Lab File: BE098001.D

Acq: 19 Oct 2018 20:56

Instrument :

BNA_E

ClientSampleId :



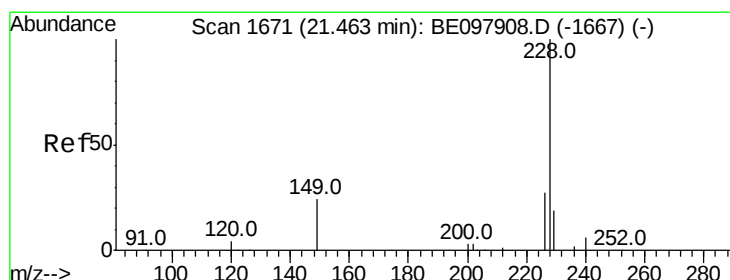
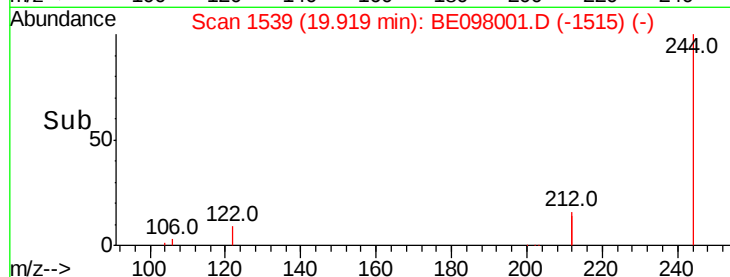
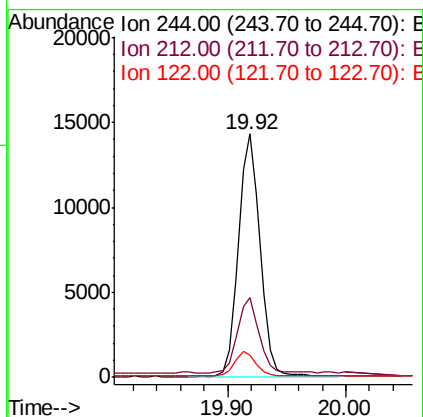
Tot Ion:244 Resp: 17996

Ion Ratio Lower Upper

244 100

212 32.6 26.2 39.2

122 9.4 7.7 11.5



#30

Benzo(a)anthracene

Concen: 0.418 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098001.D

Acq: 19 Oct 2018 20:56

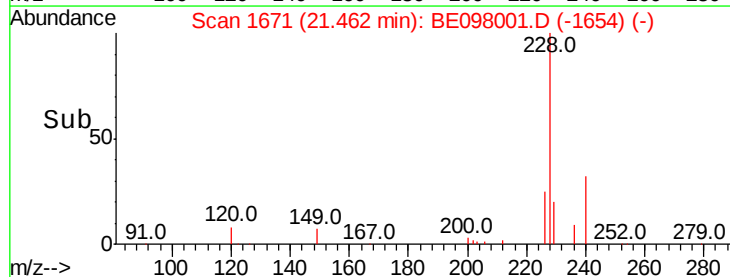
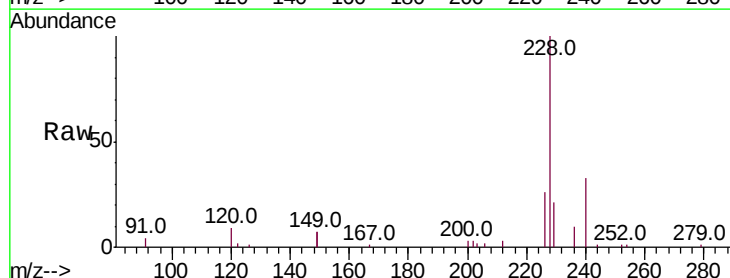
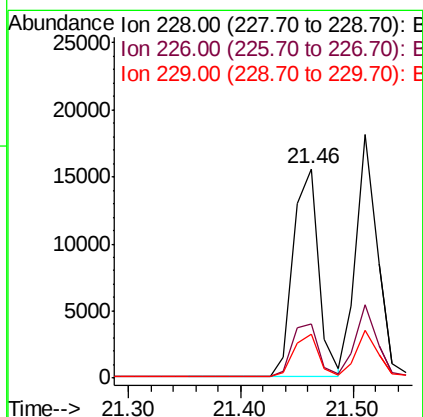
Tgt Ion:228 Resp: 24267

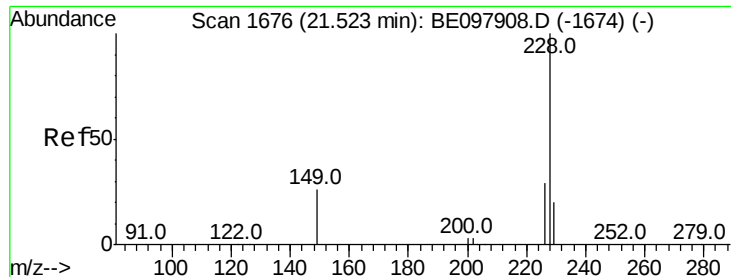
Ion Ratio Lower Upper

228 100

226 25.8 22.6 33.8

229 20.8 16.9 25.3





#31

Chrysene

Concen: 0.434 ng

RT: 21.51 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BE098001.D

Acq: 19 Oct 2018 20:56

Instrument :

BNA_E

ClientSampled :

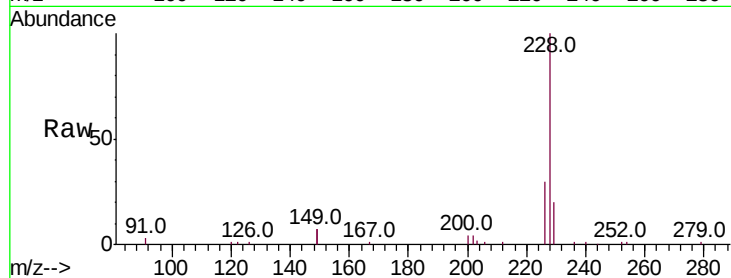
Tot Ion:228 Resp: 23849

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 19.9 17.3 25.9

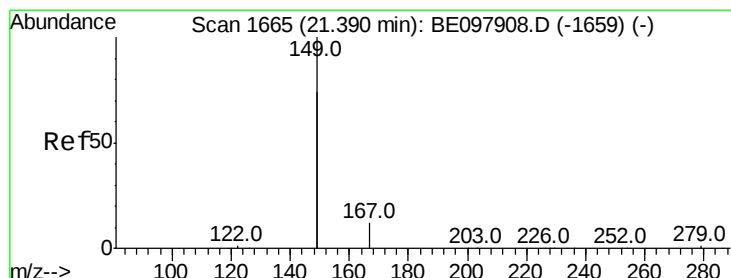
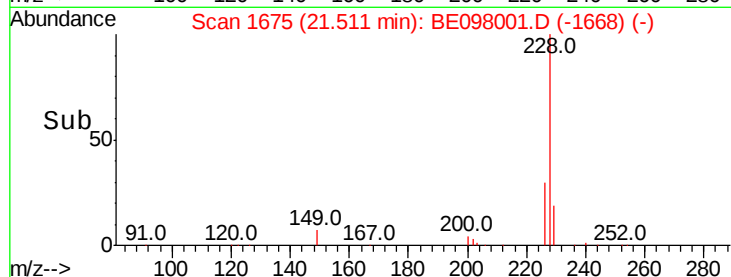
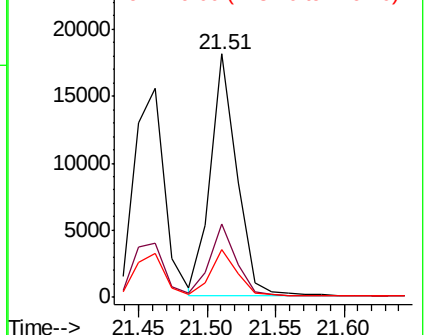


Abundance

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: 0.397 ng

RT: 21.38 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BE098001.D

Acq: 19 Oct 2018 20:56

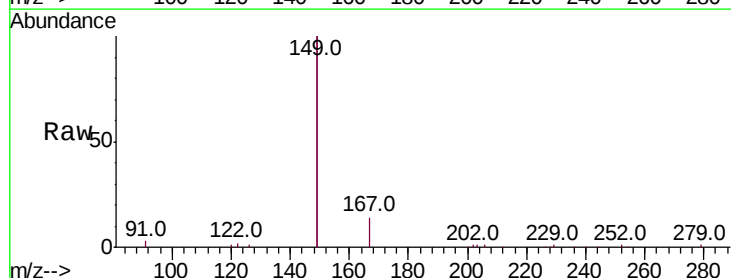
Tgt Ion:149 Resp: 53716

Ion Ratio Lower Upper

149 100

167 7.1 5.6 8.4

279 1.2 0.9 1.3

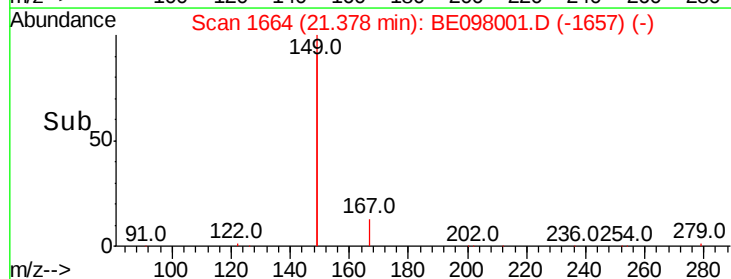
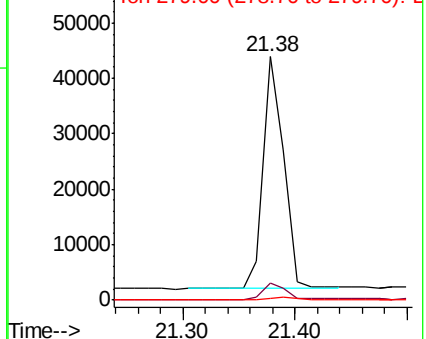


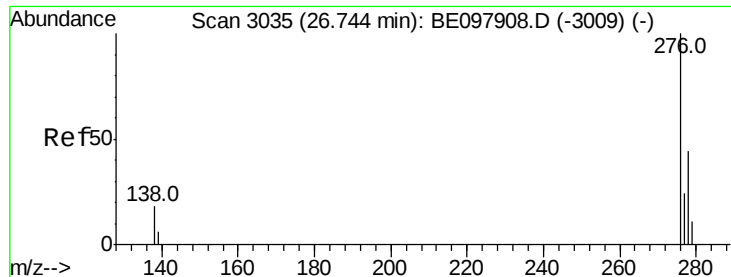
Abundance

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: 0.426 ng

RT: 26.72 min Scan# 3029

Delta R.T. -0.02 min

Lab File: BE098001.D

Acq: 19 Oct 2018 20:56

Instrument :

BNA_E

ClientSampleId :

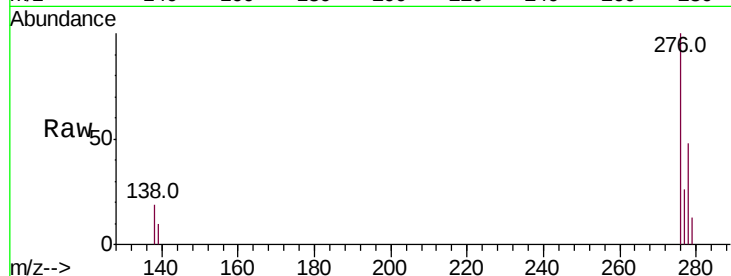
Tot Ion:276 Resp: 25394

Ion Ratio Lower Upper

276 100

138 20.9 17.0 25.6

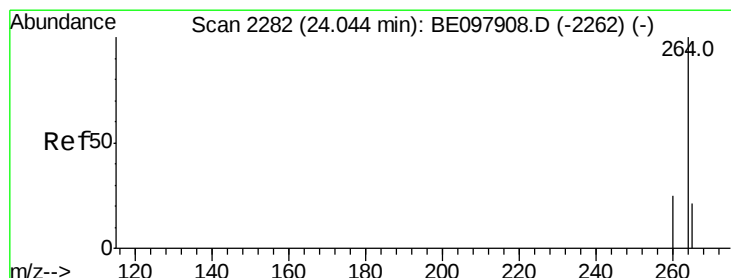
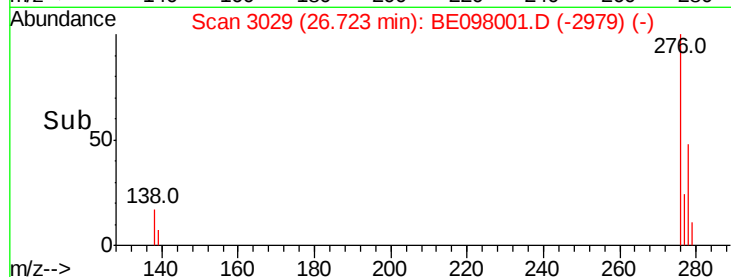
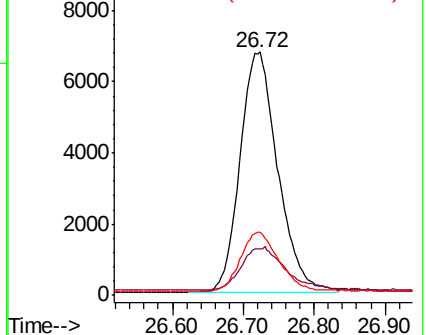
277 24.9 20.5 30.7



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# 2277

Delta R.T. -0.02 min

Lab File: BE098001.D

Acq: 19 Oct 2018 20:56

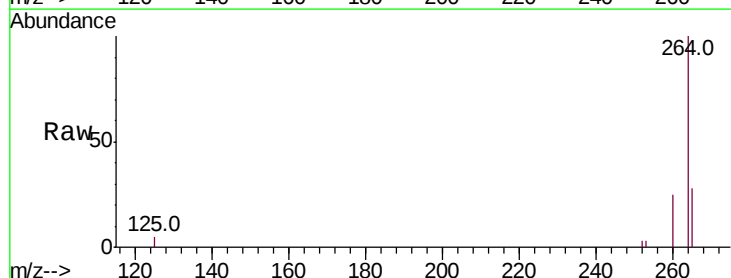
Tgt Ion:264 Resp: 18565

Ion Ratio Lower Upper

264 100

260 25.2 21.1 31.7

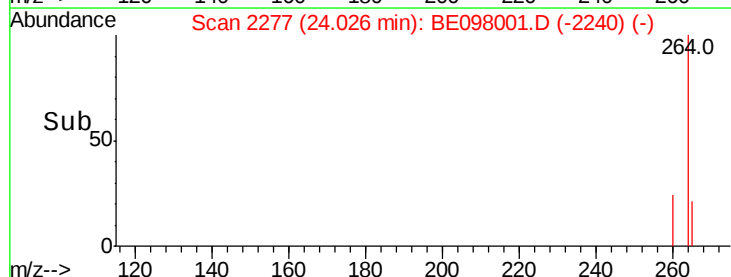
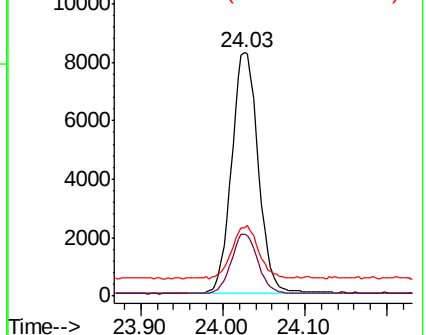
265 28.0 29.2 43.8#

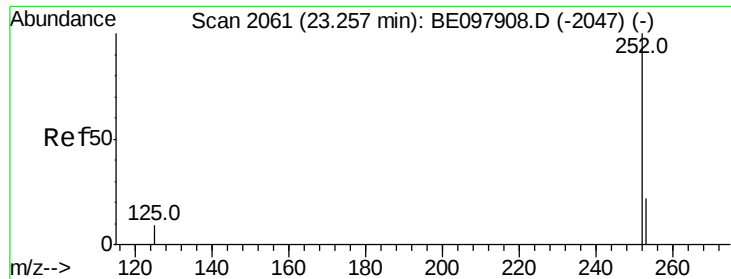


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

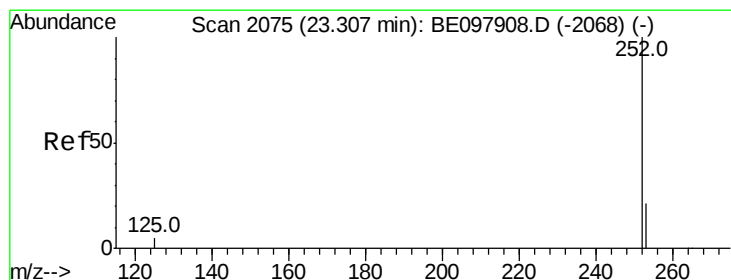
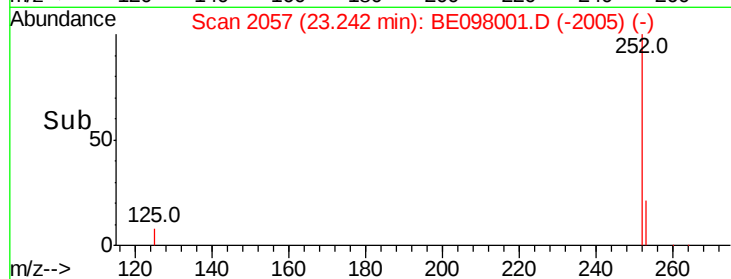
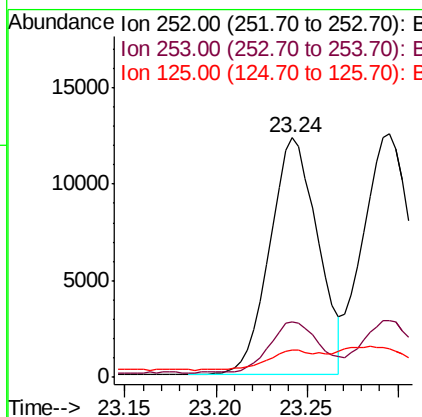
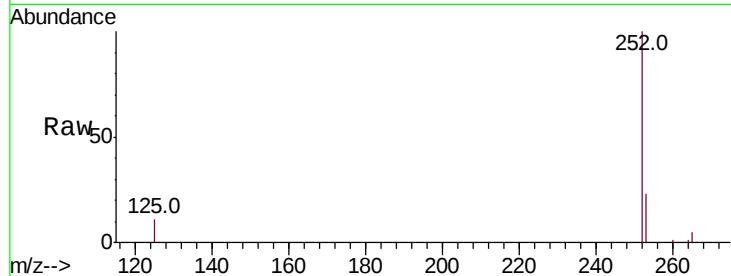




#35
Benzo(b)fluoranthene
Concen: 0.418 ng
RT: 23.24 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BE098001.D
Acq: 19 Oct 2018 20:56

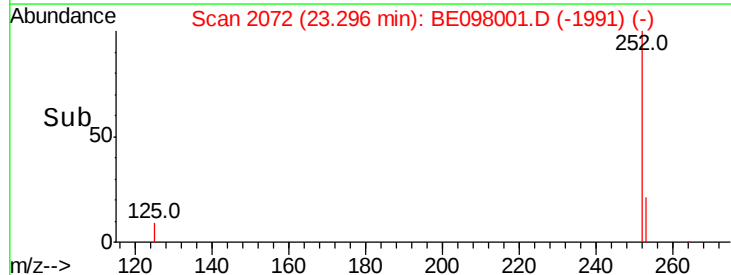
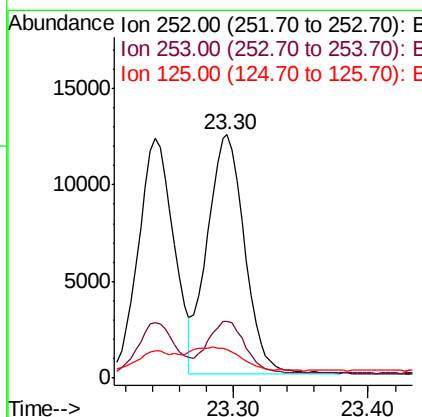
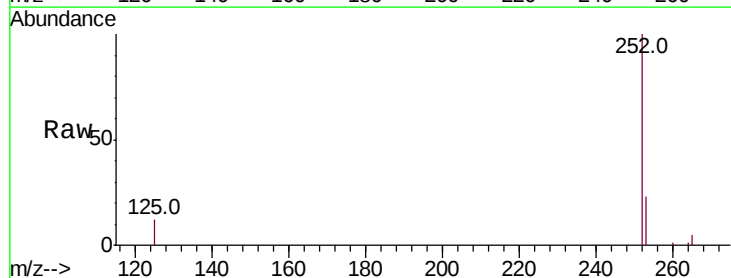
Instrument :
BNA_E
ClientSampleId :

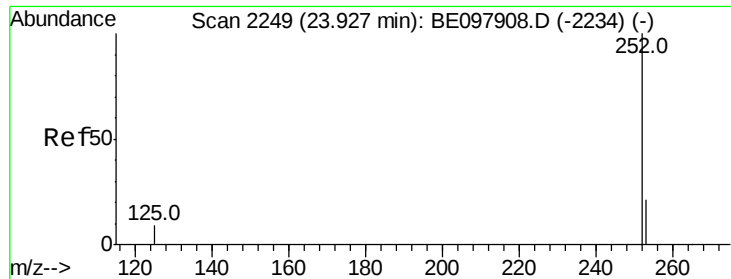
Tot Ion:252 Resp: 22311
Ion Ratio Lower Upper
252 100
253 23.2 20.6 31.0
125 11.5 14.3 21.5#



#36
Benzo(k)fluoranthene
Concen: 0.427 ng
RT: 23.30 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BE098001.D
Acq: 19 Oct 2018 20:56

Tgt Ion:252 Resp: 23797
Ion Ratio Lower Upper
252 100
253 23.2 20.4 30.6
125 11.6 14.6 21.8#





#37

Benzo(a)pyrene

Concen: 0.425 ng

RT: 23.91 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BE098001.D

Acq: 19 Oct 2018 20:56

Instrument :

BNA_E

ClientSampleId :

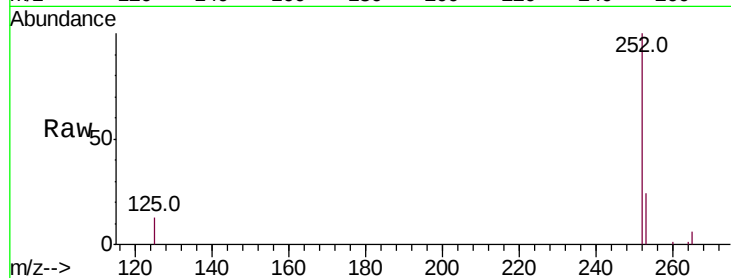
Tot Ion:252 Resp: 22141

Ion Ratio Lower Upper

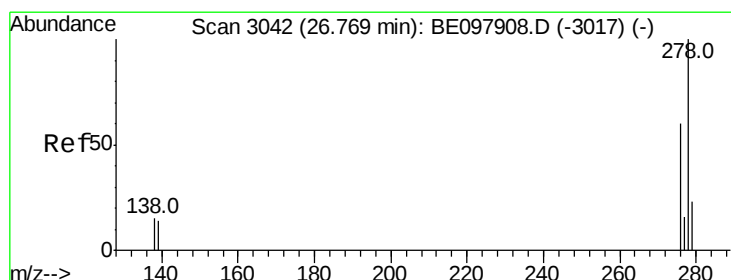
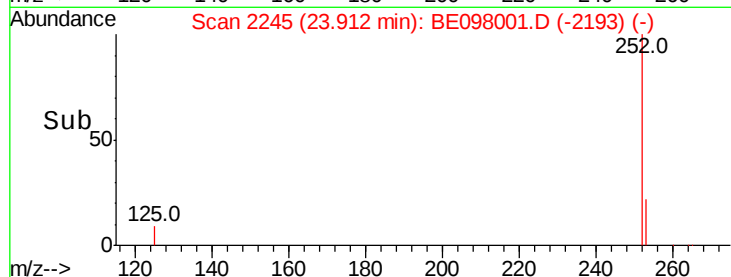
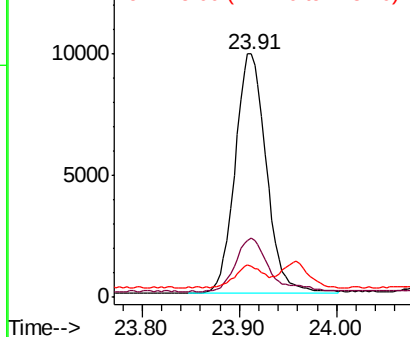
252 100

253 24.2 20.6 31.0

125 12.8 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: 0.414 ng

RT: 26.75 min Scan# 3036

Delta R.T. -0.02 min

Lab File: BE098001.D

Acq: 19 Oct 2018 20:56

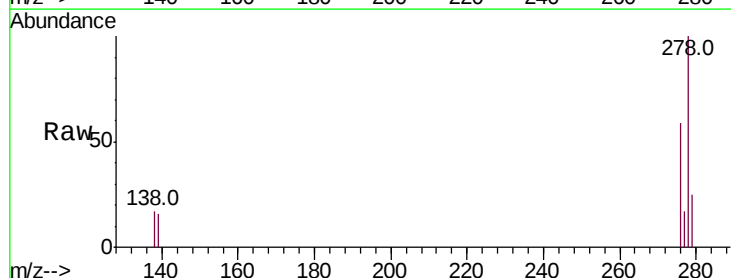
Tgt Ion:278 Resp: 21132

Ion Ratio Lower Upper

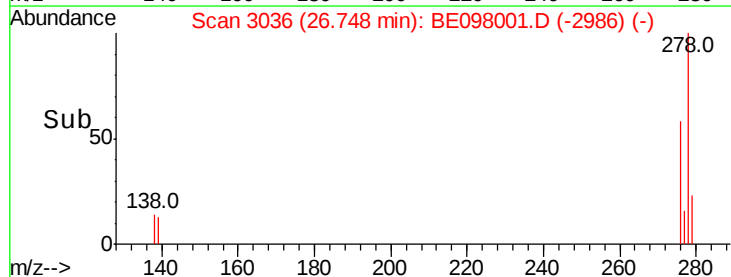
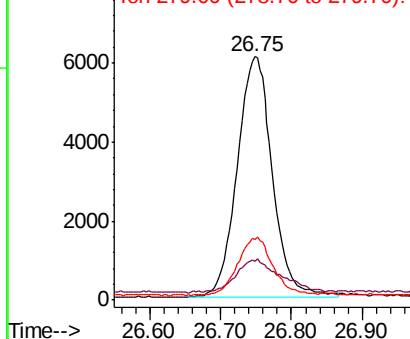
278 100

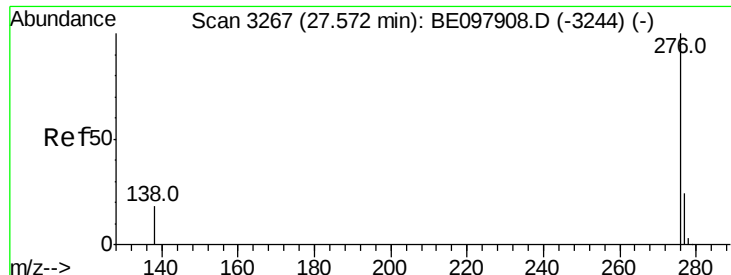
139 16.0 16.3 24.5#

279 25.1 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: 0.406 ng

RT: 27.55 min Scan# 3260

Delta R.T. -0.02 min

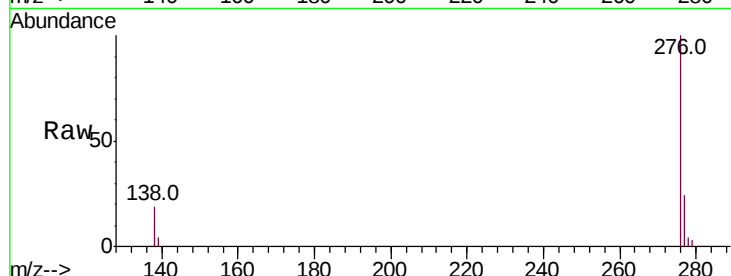
Lab File: BE098001.D

Acq: 19 Oct 2018 20:56

Instrument :

BNA_E

ClientSampleId :



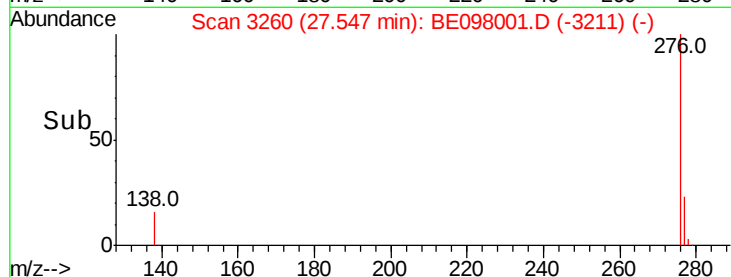
Tot Ion:276 Resp: 21205

Ion Ratio Lower Upper

276 100

277 24.2 22.1 33.1

138 18.7 19.3 28.9#



Abundance Ion 276.00 (275.70 to 276.70): E

8000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

