

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101818\
 Data File : BE097976.D
 Acq On : 18 Oct 2018 14:19
 Operator : SJ/JU
 Sample : J5317-15MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 19 01:07:42 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	2233	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	10023	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	7012	0.40	ng	-0.02
19) Phenanthrene-d10	17.29	188	20246	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	23221	0.40	ng	-0.01
34) Perylene-d12	24.03	264	22854	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	1325	0.19	ng	-0.01
5) Phenol-d6	7.04	99	1229	0.12	ng	-0.01
8) Nitrobenzene-d5	9.03	82	3553	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	8131	0.49	ng	-0.02
14) 2,4,6-Tribromophenol	16.03	330	1501	0.40	ng	-0.01
15) 2-Fluorobiphenyl	13.16	172	10523	0.37	ng	-0.02
25) Fluoranthene-d10	19.33	212	103849	0.38	ng	0.00
29) Terphenyl-d14	19.92	244	20300	0.38	ng	-0.01

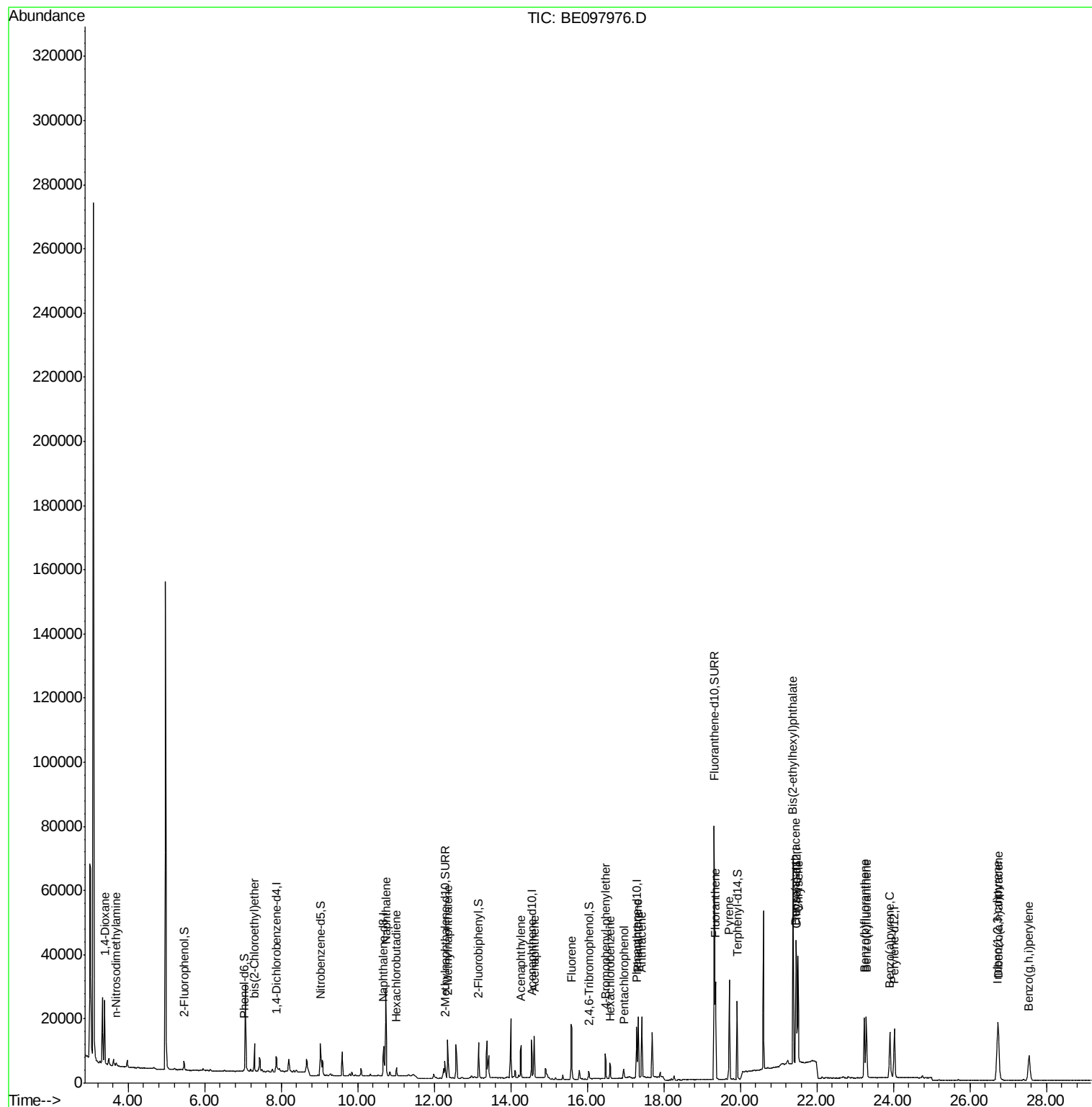
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	11855	3.045	ng	93
3) n-Nitrosodimethylamine	3.69	42	796	0.183	ng	# 96
6) bis(2-Chloroethyl)ether	7.30	93	3160	0.357	ng	96
9) Naphthalene	10.73	128	42226	0.423	ng	100
10) Hexachlorobutadiene	11.02	225	1817	0.338	ng	95
12) 2-Methylnaphthalene	12.35	142	7669	0.449	ng	98
16) Acenaphthylene	14.27	152	13078	0.404	ng	100
17) Acenaphthene	14.61	154	7829	0.395	ng	99
18) Fluorene	15.59	166	11629	0.427	ng	99
20) 4-Bromophenyl-phenylether	16.48	248	4267	0.386	ng	# 91
21) Hexachlorobenzene	16.60	284	4081	0.375	ng	99
22) Pentachlorophenol	16.95	266	1977	0.680	ng	97
23) Phenanthrene	17.33	178	21362	0.415	ng	100
24) Anthracene	17.42	178	20320	0.418	ng	100
26) Fluoranthene	19.35	202	27280	0.404	ng	98
28) Pyrene	19.71	202	27869	0.416	ng	99
30) Benzo(a)anthracene	21.45	228	30109	0.423	ng	98
31) Chrysene	21.51	228	27997	0.415	ng	98
32) Bis(2-ethylhexyl)phthalate	21.38	149	77821	0.497	ng	100
33) Indeno(1,2,3-cd)pyrene	26.72	276	28292	0.372	ng	99
35) Benzo(b)fluoranthene	23.24	252	27386	0.416	ng	# 91
36) Benzo(k)fluoranthene	23.30	252	27065	0.395	ng	# 92
37) Benzo(a)pyrene	23.91	252	23861	0.372	ng	# 92
38) Dibenzo(a,h)anthracene	26.75	278	23877	0.380	ng	# 94
39) Benzo(g,h,i)perylene	27.55	276	20243	0.315	ng	95

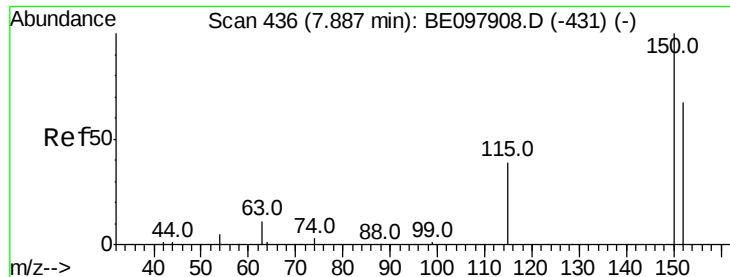
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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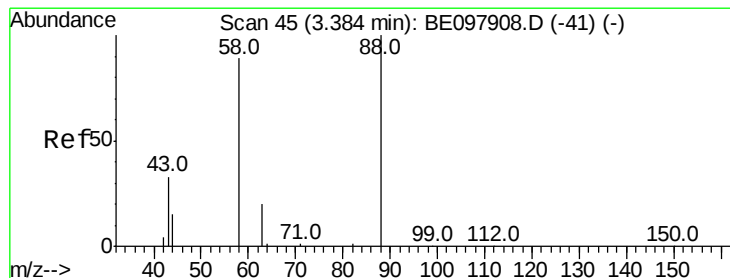
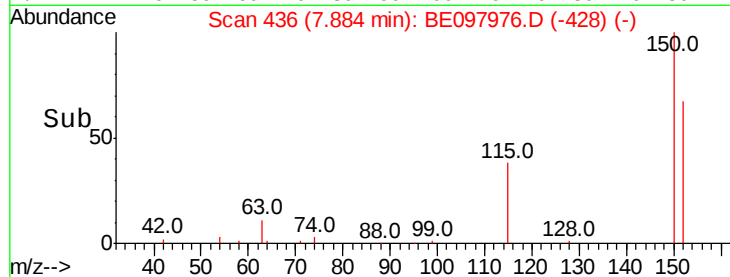
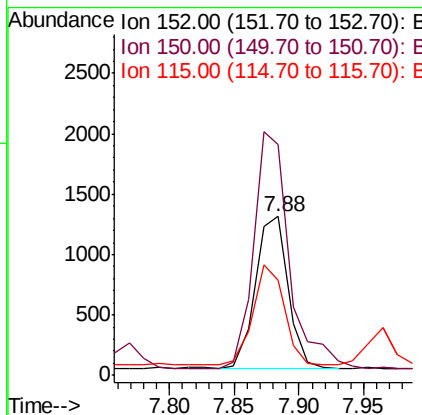
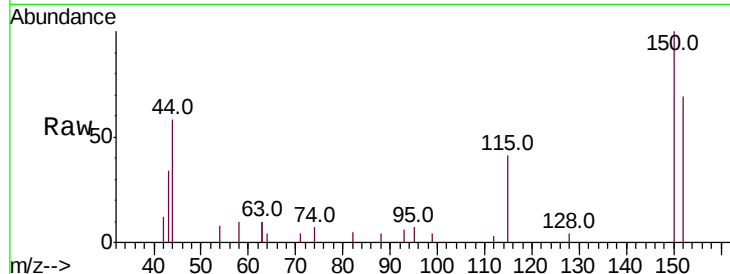


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.88 min Scan# 436
 Delta R.T. -0.00 min
 Lab File: BE097976.D
 Acq: 18 Oct 2018 14:19

Instrument :
 BNA_E
 ClientSampleId :

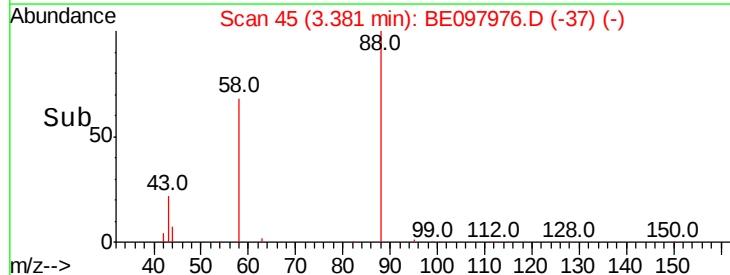
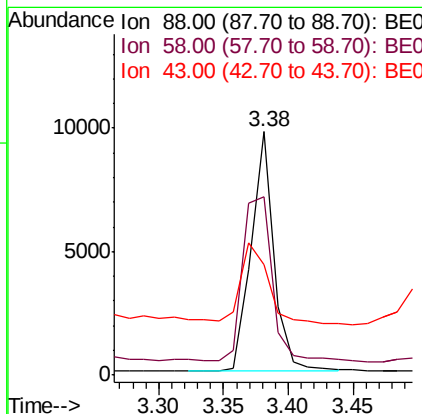
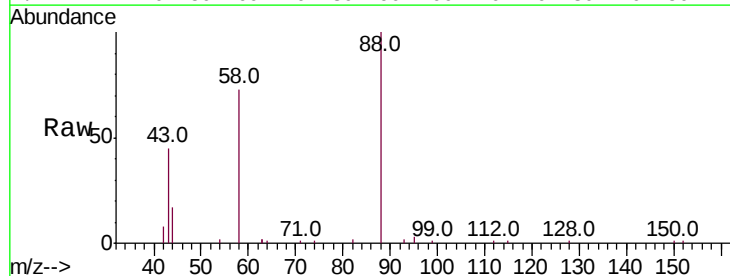
Tot Ion:152 Resp: 2233
 Ion Ratio Lower Upper
 152 100
 150 145.8 118.2 177.4
 115 60.3 50.9 76.3

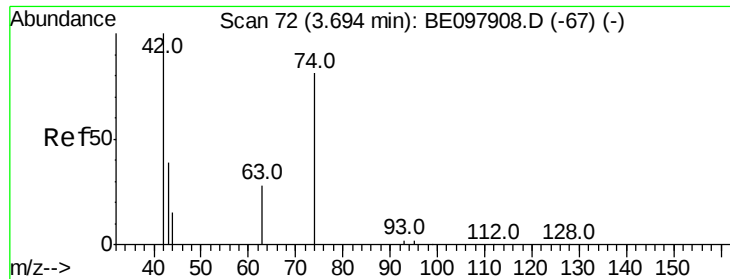


#2

1,4-Dioxane
 Concen: 3.045 ng
 RT: 3.38 min Scan# 45
 Delta R.T. -0.00 min
 Lab File: BE097976.D
 Acq: 18 Oct 2018 14:19

Tgt Ion: 88 Resp: 11855
 Ion Ratio Lower Upper
 88 100
 58 86.4 73.2 109.8
 43 39.3 36.9 55.3

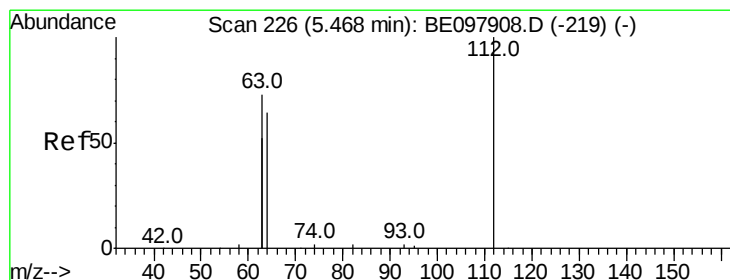
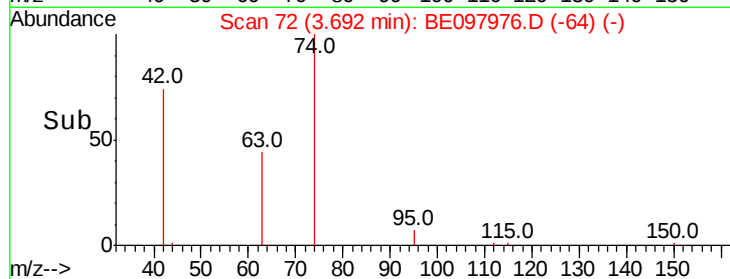
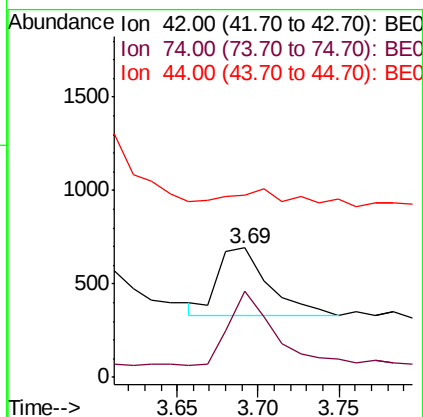
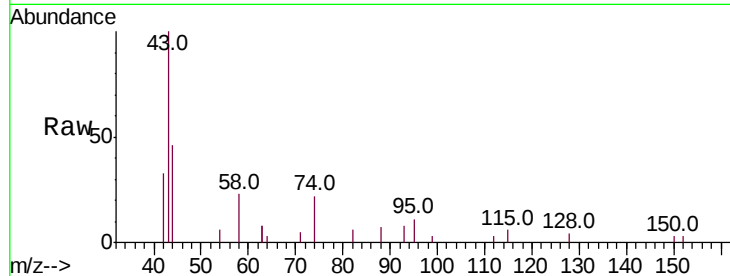




#3
n-Nitrosodimethylamine
Concen: 0.183 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

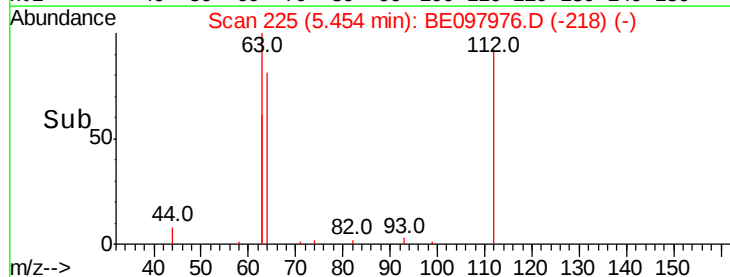
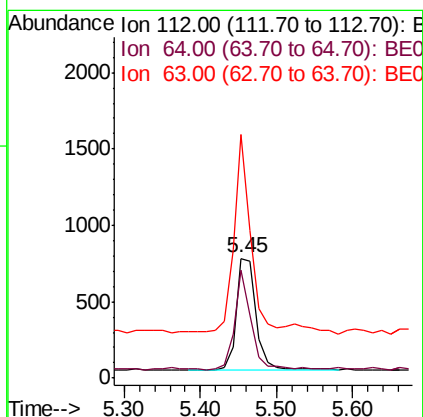
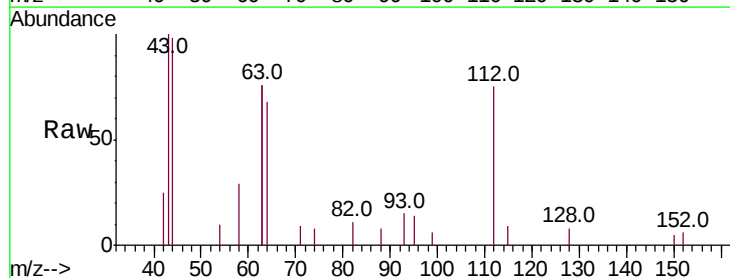
Instrument :
BNA_E
ClientSampleId :

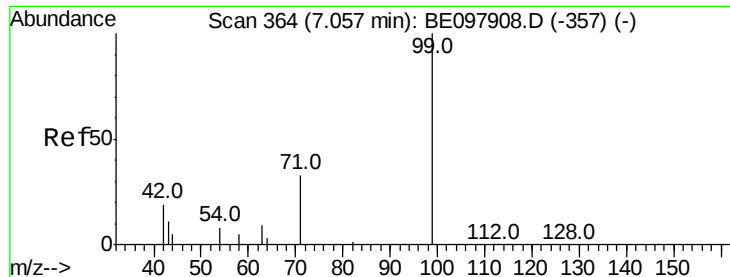
Tot Ion: 42 Resp: 796
Ion Ratio Lower Upper
42 100
74 94.0 77.6 116.4
44 15.1 7.6 11.4#



#4
2-Fluorophenol
Concen: 0.188 ng
RT: 5.45 min Scan# 225
Delta R.T. -0.01 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Tgt Ion: 112 Resp: 1325
Ion Ratio Lower Upper
112 100
64 75.8 58.9 88.3
63 144.9 120.3 180.5





#5

Phenol-d6

Concen: 0.118 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.01 min

Lab File: BE097976.D

Acq: 18 Oct 2018 14:19

Instrument :

BNA_E

ClientSampleId :

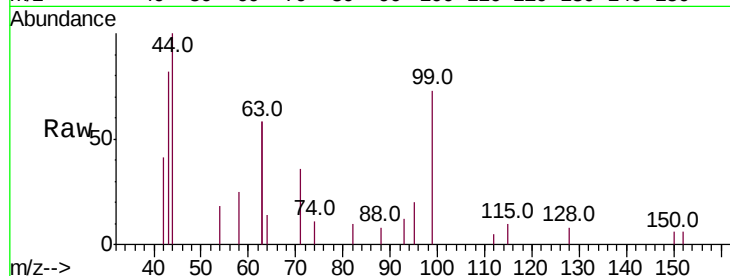
Tot Ion: 99 Resp: 1229

Ion Ratio Lower Upper

99 100

42 0.0 19.9 29.9#

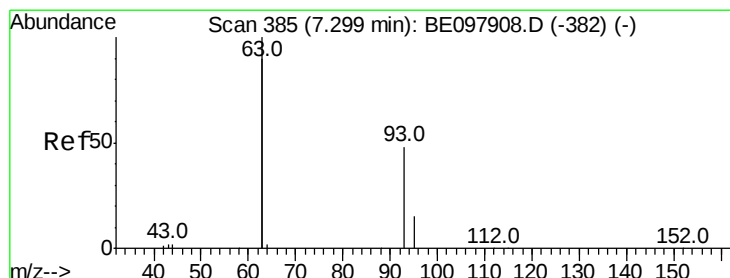
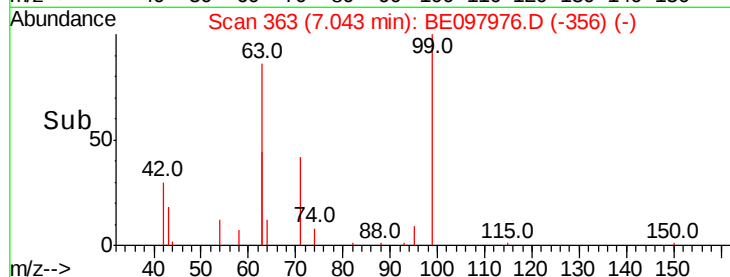
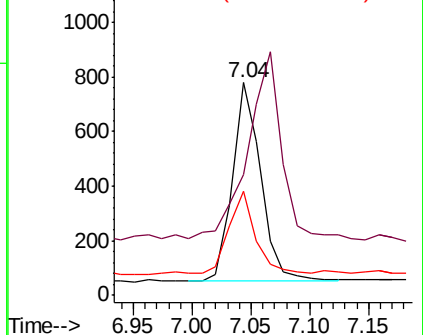
71 39.1 27.8 41.8



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: 0.357 ng

RT: 7.30 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE097976.D

Acq: 18 Oct 2018 14:19

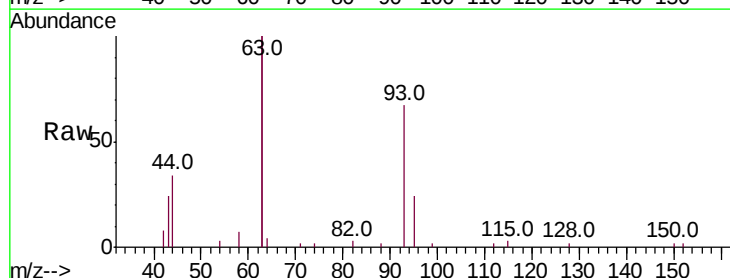
Tgt Ion: 93 Resp: 3160

Ion Ratio Lower Upper

93 100

63 331.2 259.0 388.4

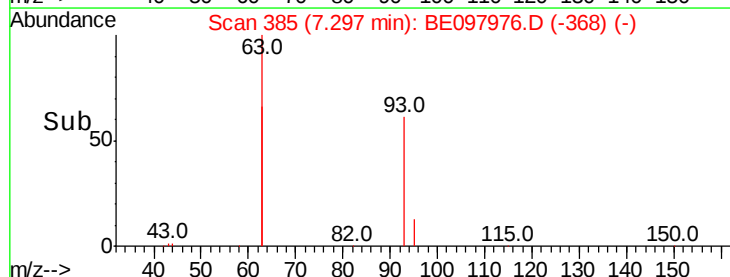
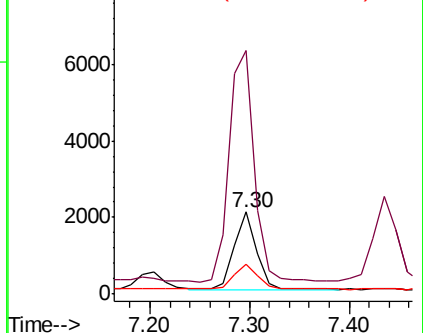
95 32.4 27.8 41.8

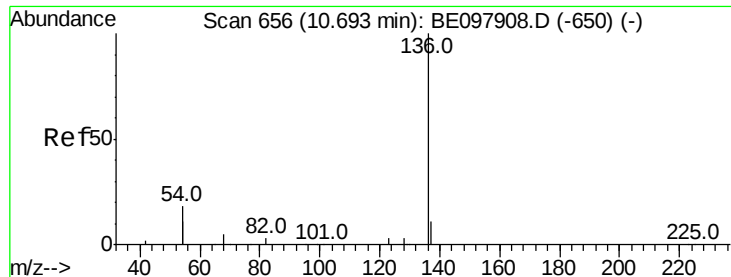


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097976.D

Acq: 18 Oct 2018 14:19

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 10023

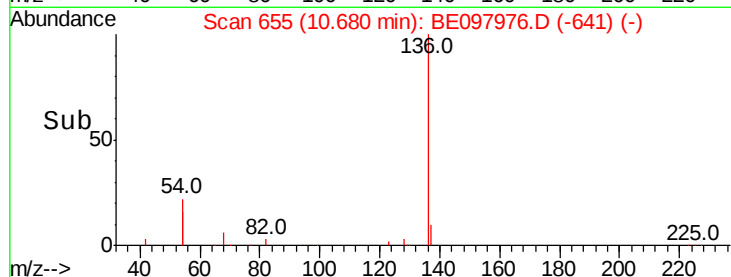
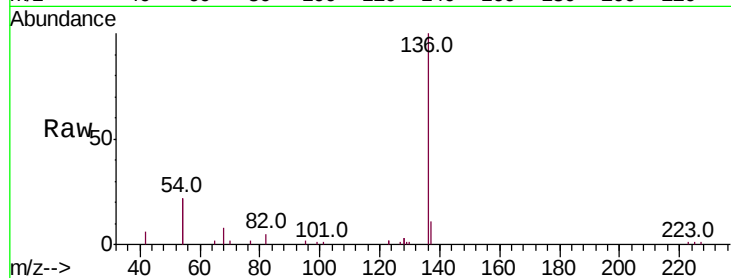
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 43.7 27.7 41.5#

68 7.6 5.3 7.9

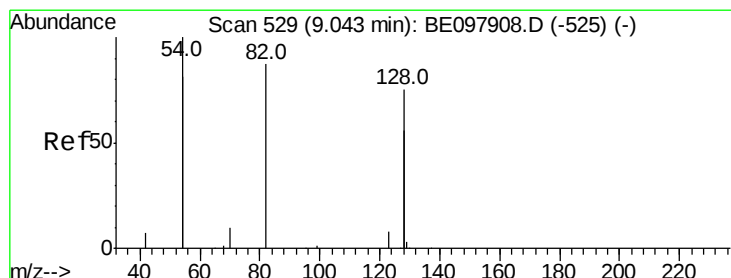
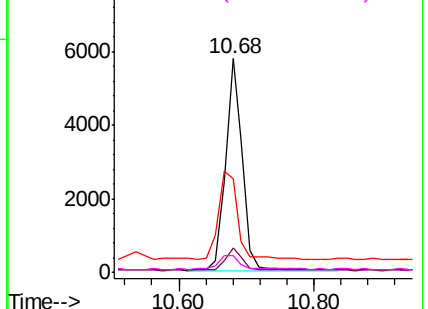


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.374 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097976.D

Acq: 18 Oct 2018 14:19

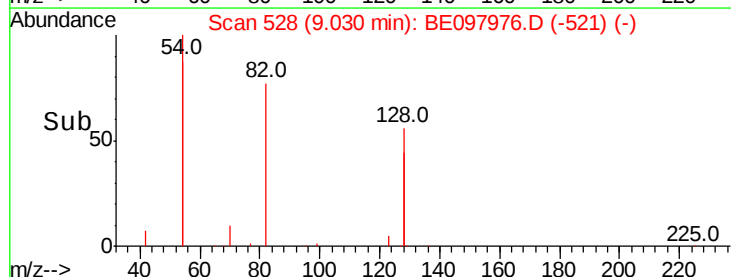
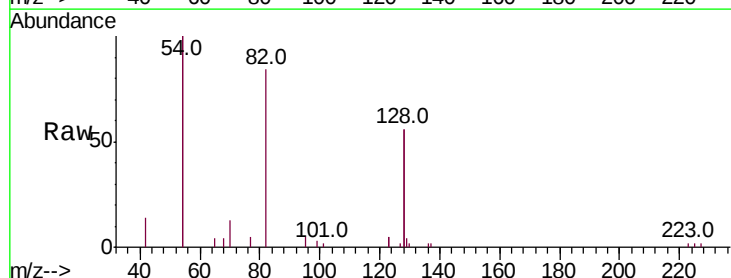
Tgt Ion: 82 Resp: 3553

Ion Ratio Lower Upper

82 100

128 134.0 129.9 194.9

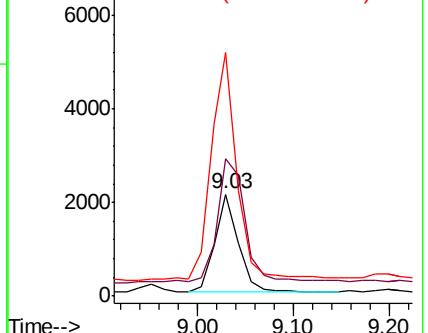
54 238.3 174.0 261.0

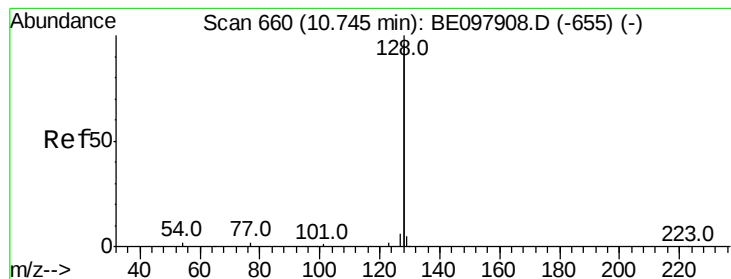


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.423 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE097976.D

Acq: 18 Oct 2018 14:19

Instrument :

BNA_E

ClientSampleId :

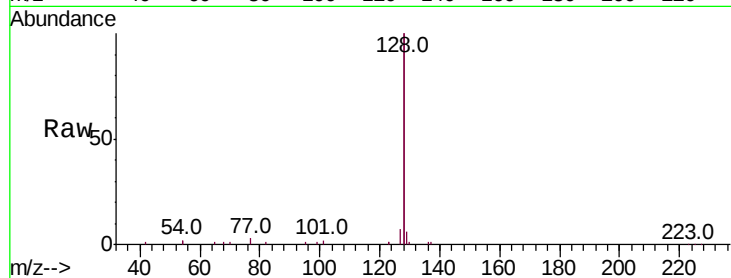
Tot Ion:128 Resp: 42226

Ion Ratio Lower Upper

128 100

129 2.9 2.5 3.7

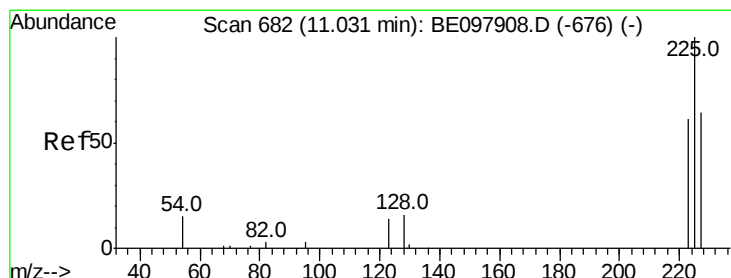
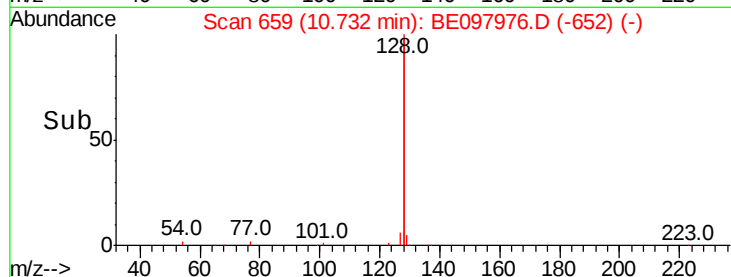
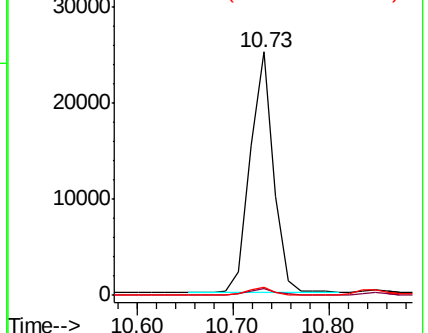
127 3.4 2.8 4.2



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: 0.338 ng

RT: 11.02 min Scan# 681

Delta R.T. -0.01 min

Lab File: BE097976.D

Acq: 18 Oct 2018 14:19

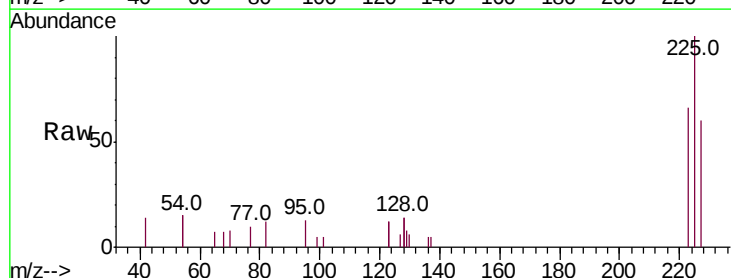
Tgt Ion:225 Resp: 1817

Ion Ratio Lower Upper

225 100

223 62.7 51.8 77.8

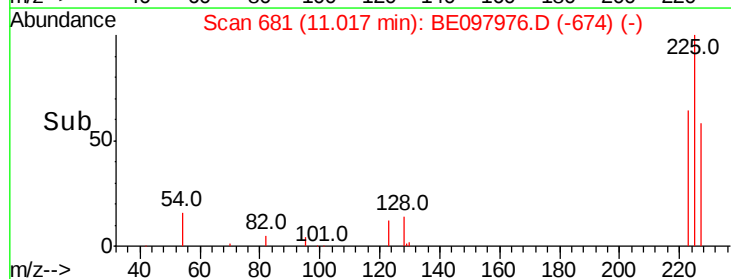
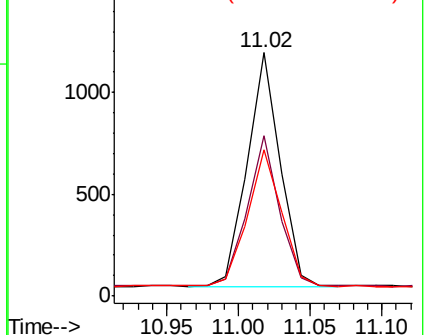
227 60.2 53.0 79.6

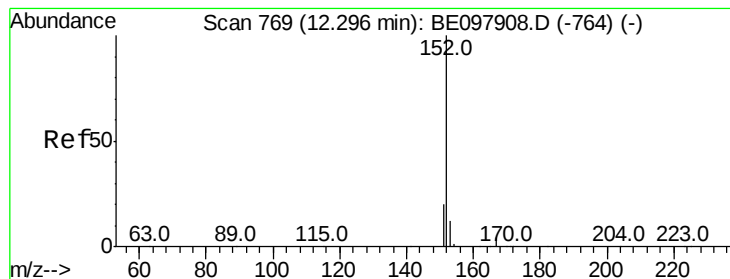


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.488 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.02 min

Lab File: BE097976.D

Acq: 18 Oct 2018 14:19

Instrument :

BNA_E

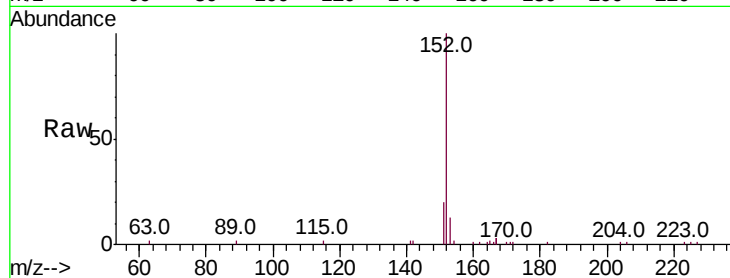
ClientSampleId :

Tot Ion:152 Resp: 8131

Ion Ratio Lower Upper

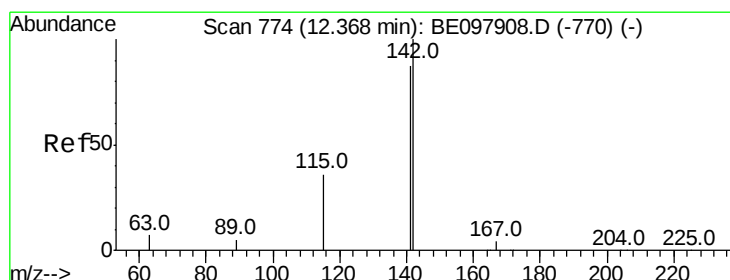
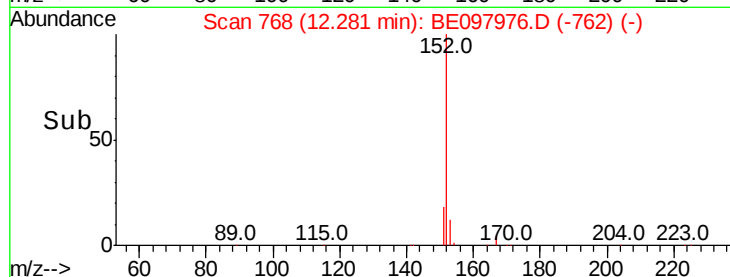
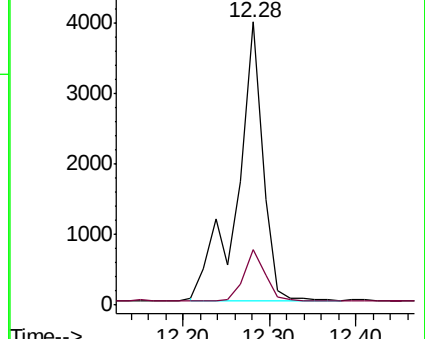
152 100

151 15.2 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: 0.449 ng

RT: 12.35 min Scan# 773

Delta R.T. -0.02 min

Lab File: BE097976.D

Acq: 18 Oct 2018 14:19

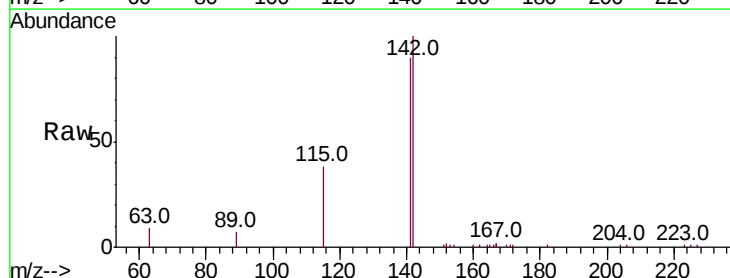
Tgt Ion:142 Resp: 7669

Ion Ratio Lower Upper

142 100

141 90.5 69.8 104.6

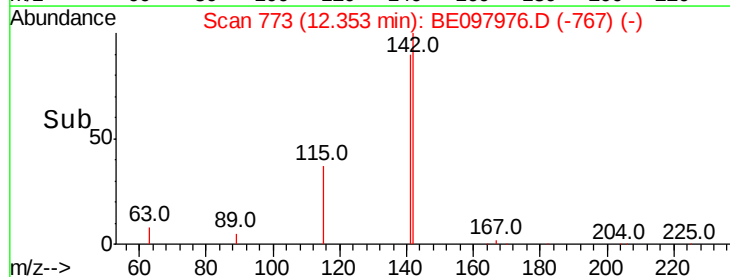
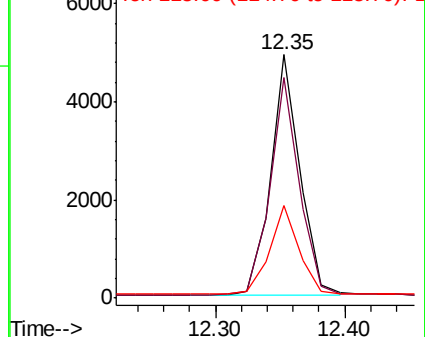
115 38.2 30.5 45.7

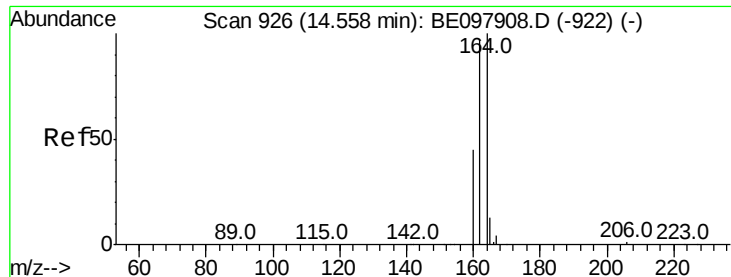


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

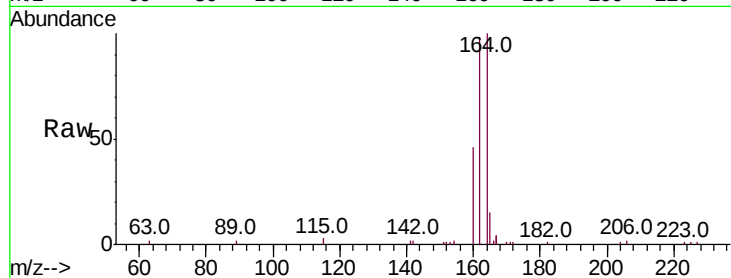




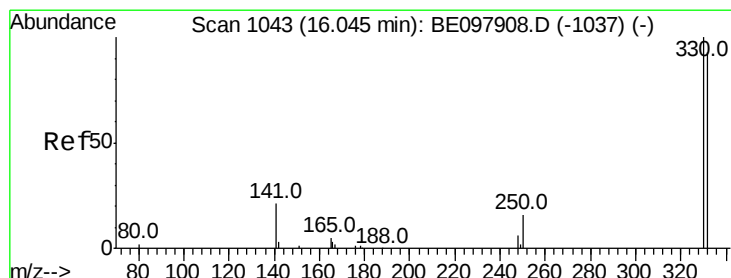
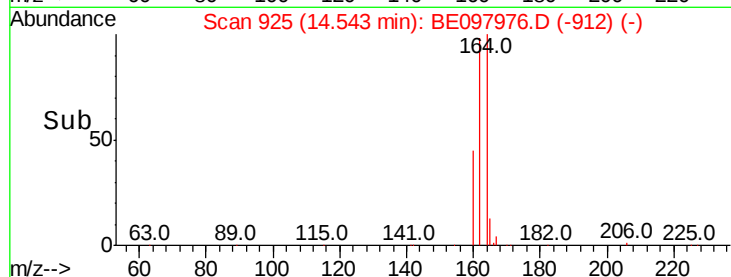
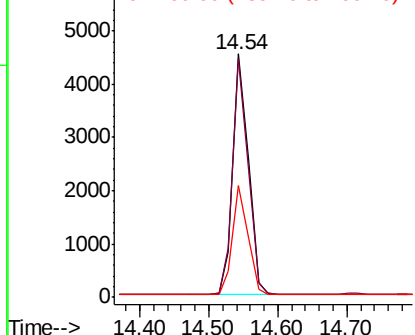
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.02 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 7012
Ion Ratio Lower Upper
164 100
162 97.9 77.4 116.2
160 45.9 36.5 54.7

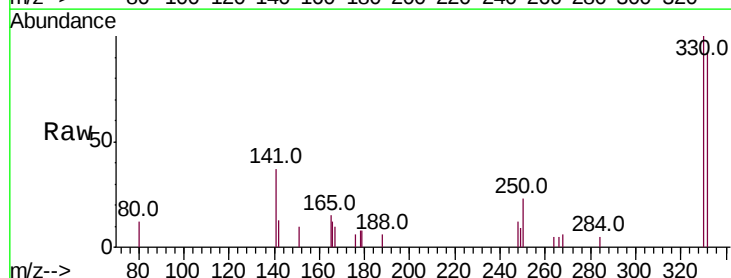


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

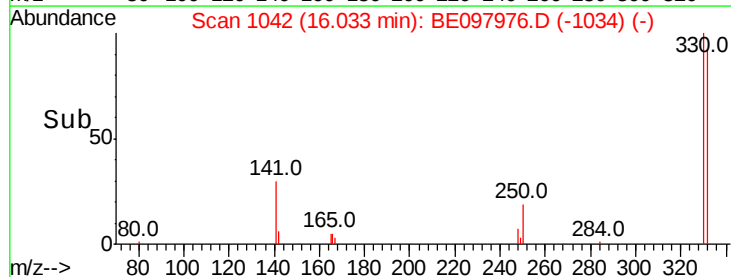
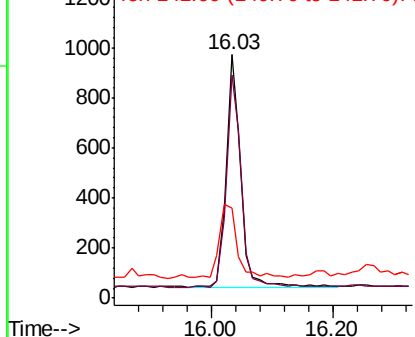


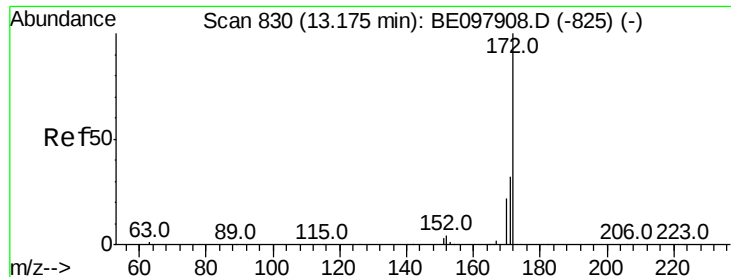
#14
2,4,6-Tribromophenol
Concen: 0.398 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Tgt Ion:330 Resp: 1501
Ion Ratio Lower Upper
330 100
332 94.1 76.5 114.7
141 38.2 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

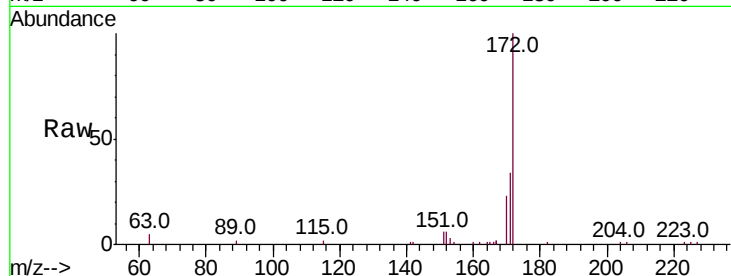




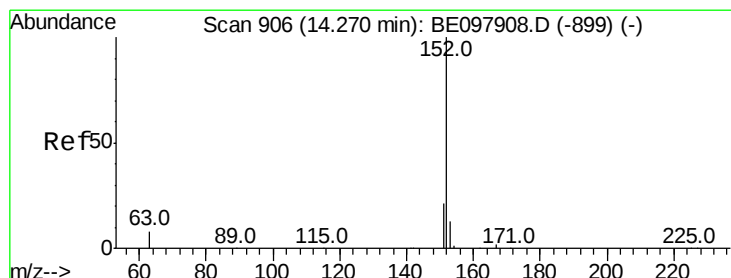
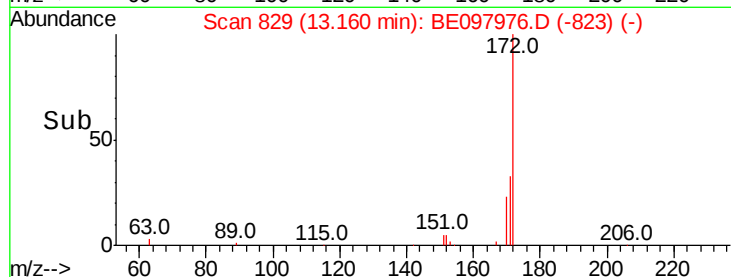
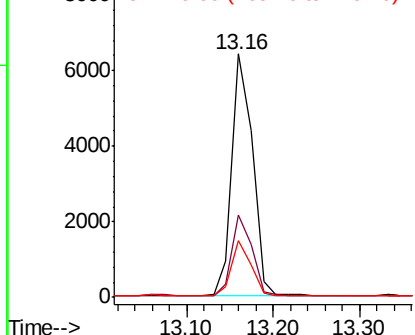
#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.02 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 10523
Ion Ratio Lower Upper
172 100
171 33.9 26.0 39.0
170 23.3 18.0 27.0

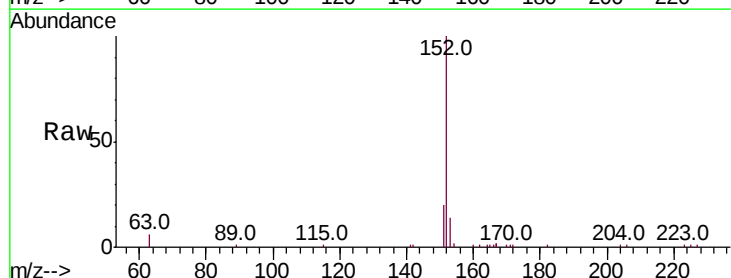


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

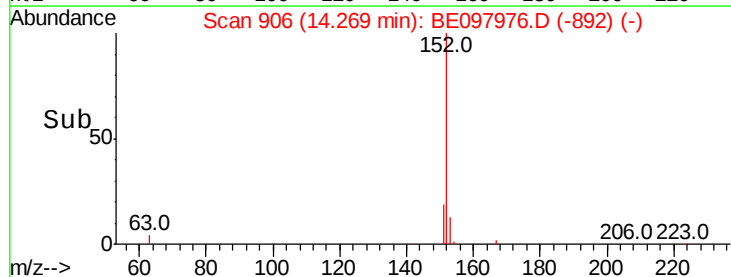
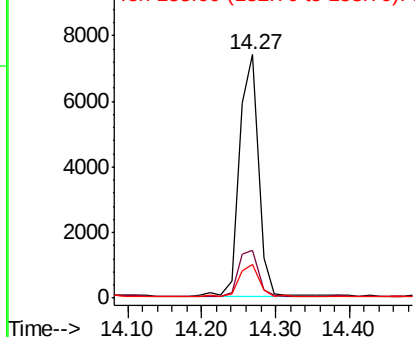


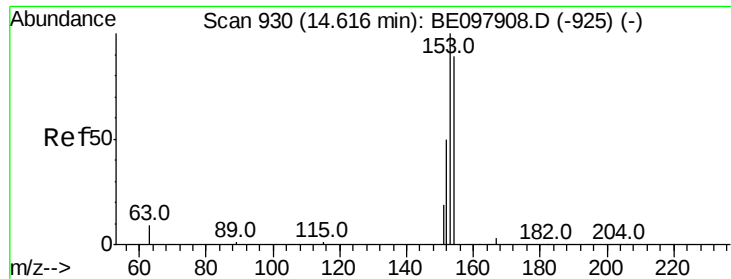
#16
Acenaphthylene
Concen: 0.404 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Tgt Ion:152 Resp: 13078
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.9 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

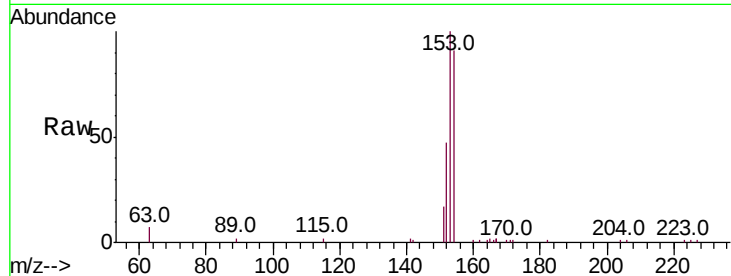




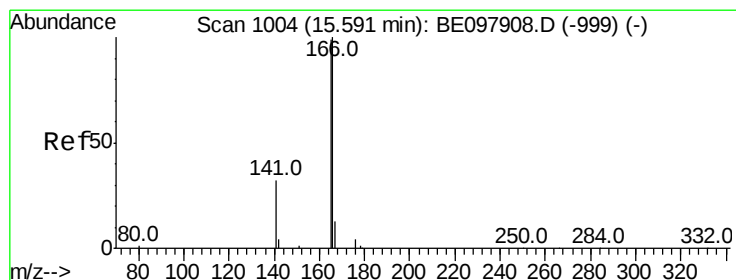
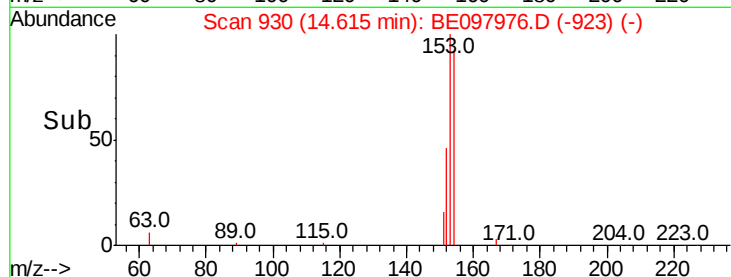
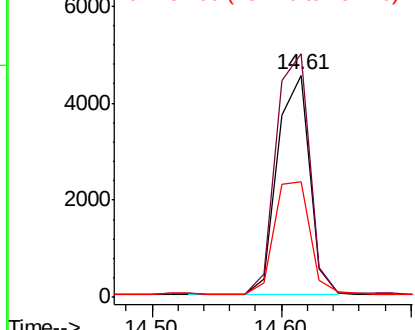
#17
Acenaphthene
Concen: 0.395 ng
RT: 14.61 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 7829
Ion Ratio Lower Upper
154 100
153 114.3 92.6 139.0
152 56.9 45.5 68.3

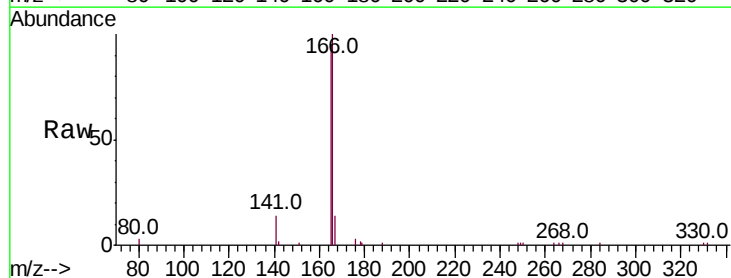


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

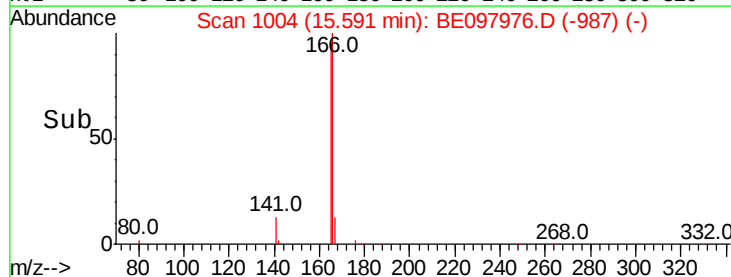
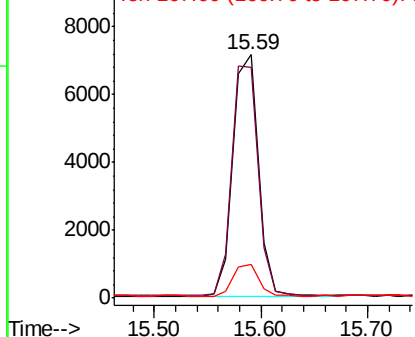


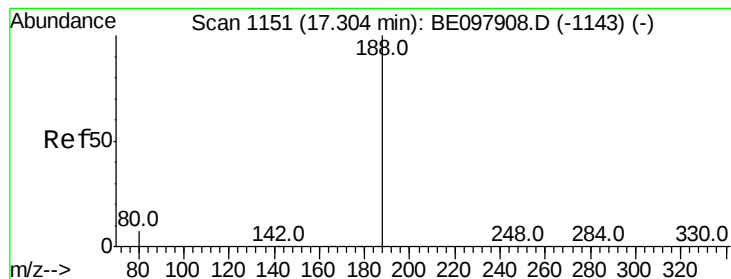
#18
Fluorene
Concen: 0.427 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE097976.D
Acq: 18 Oct 2018 14:19

Tgt Ion:166 Resp: 11629
Ion Ratio Lower Upper
166 100
165 99.1 78.2 117.4
167 13.4 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: BE097976.D

Acq: 18 Oct 2018 14:19

Instrument :

BNA_E

ClientSampleId :

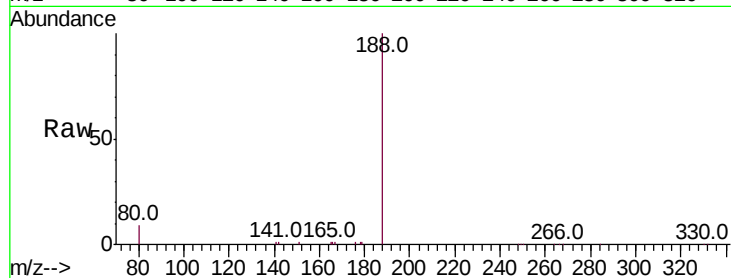
Tot Ion:188 Resp: 20246

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

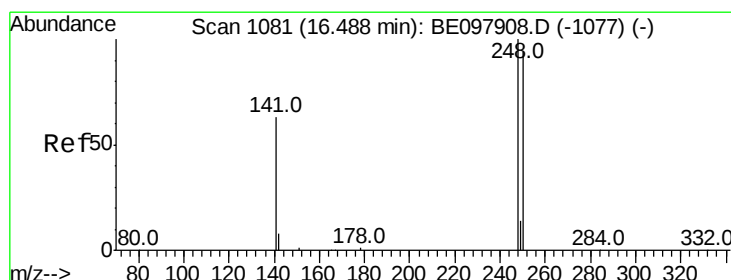
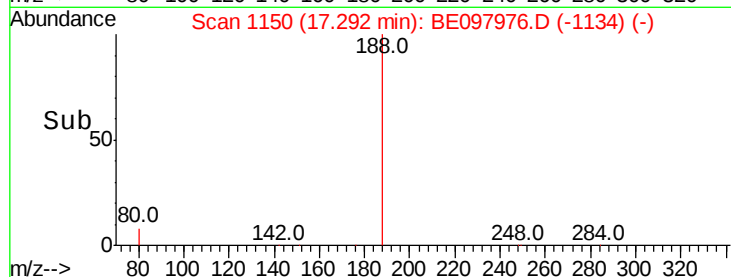
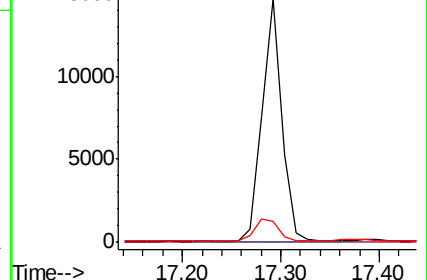
80 8.7 6.3 9.5



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: 0.386 ng

RT: 16.48 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BE097976.D

Acq: 18 Oct 2018 14:19

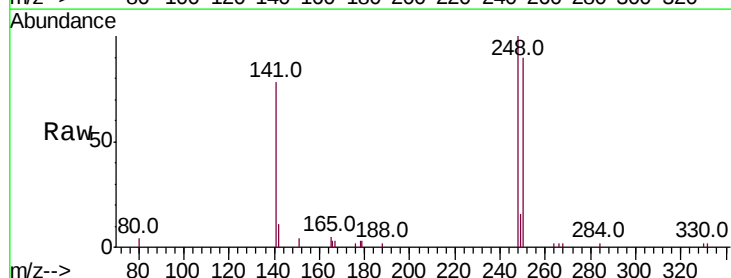
Tgt Ion:248 Resp: 4267

Ion Ratio Lower Upper

248 100

250 89.8 75.1 112.7

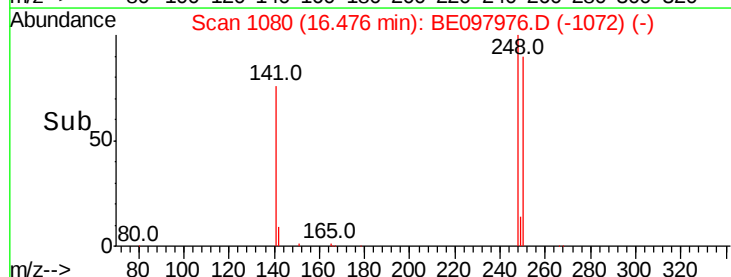
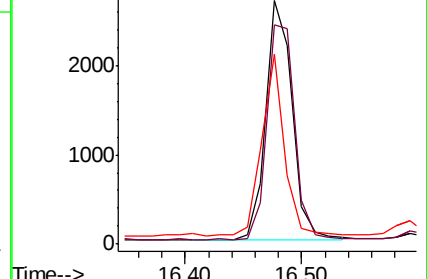
141 78.2 51.8 77.8#

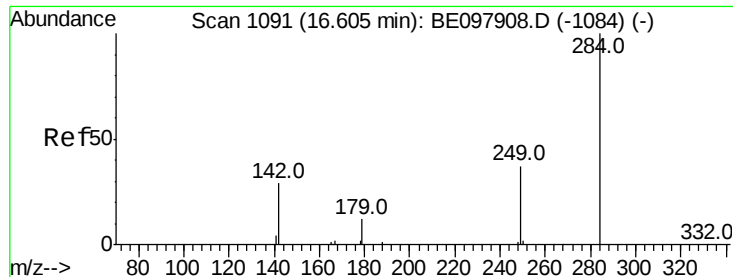


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.375 ng

RT: 16.60 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE097976.D

Acq: 18 Oct 2018 14:19

Instrument :

BNA_E

ClientSampleId :

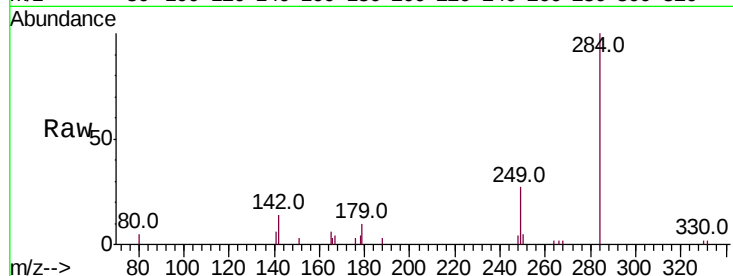
Tot Ion:284 Resp: 4081

Ion Ratio Lower Upper

284 100

142 31.5 25.9 38.9

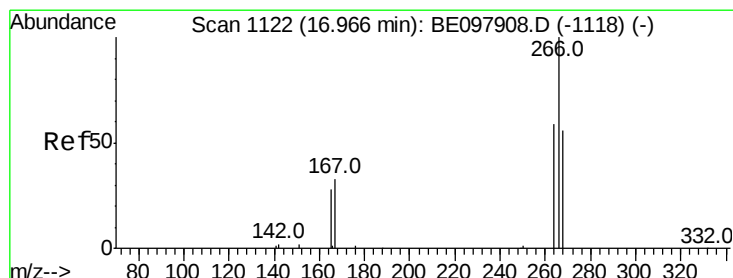
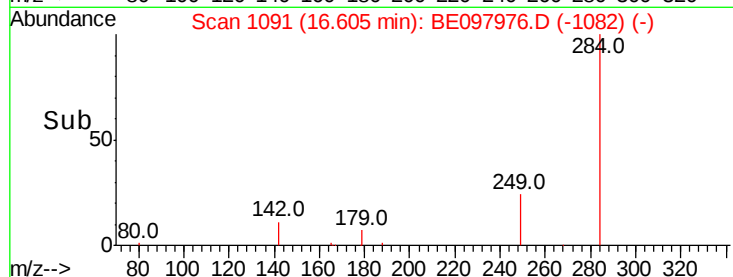
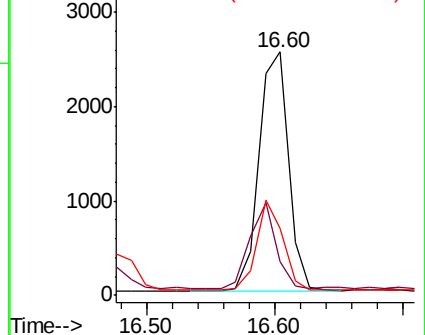
249 33.0 26.6 40.0



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: 0.680 ng

RT: 16.95 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE097976.D

Acq: 18 Oct 2018 14:19

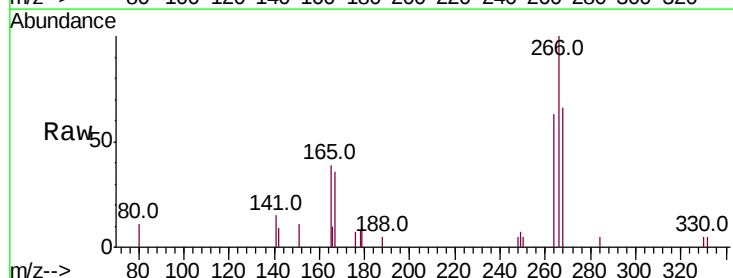
Tgt Ion:266 Resp: 1977

Ion Ratio Lower Upper

266 100

264 63.5 51.3 76.9

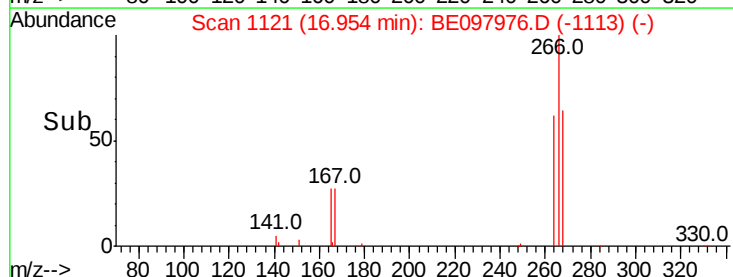
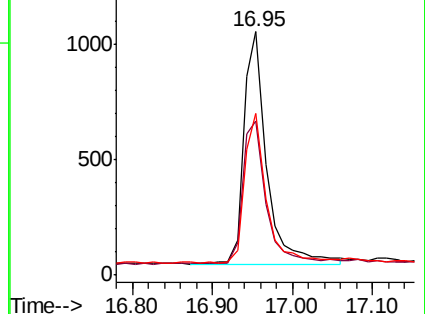
268 66.4 50.1 75.1

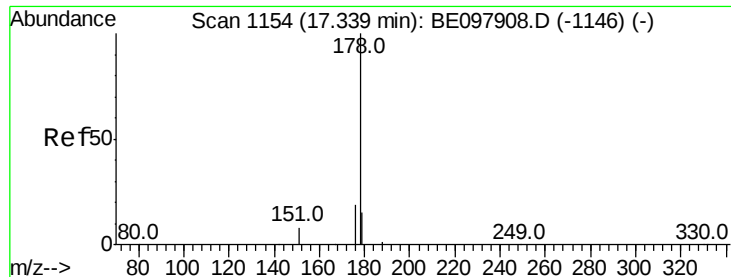


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.415 ng

RT: 17.33 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BE097976.D

Acq: 18 Oct 2018 14:19

Instrument :

BNA_E

ClientSampleId :

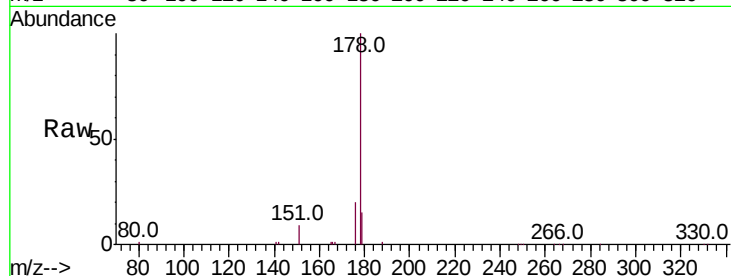
Tot Ion:178 Resp: 21362

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

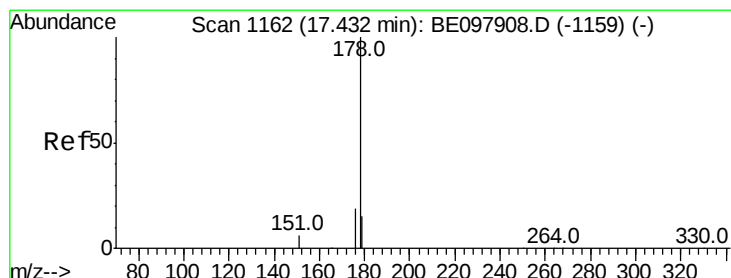
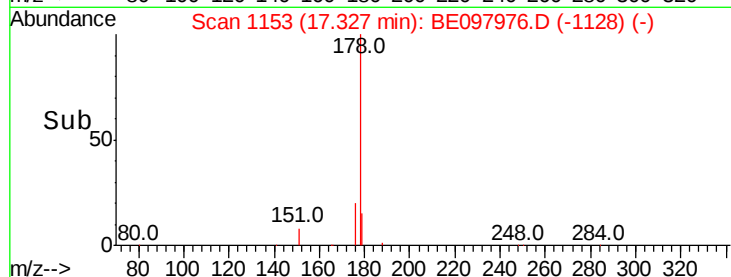
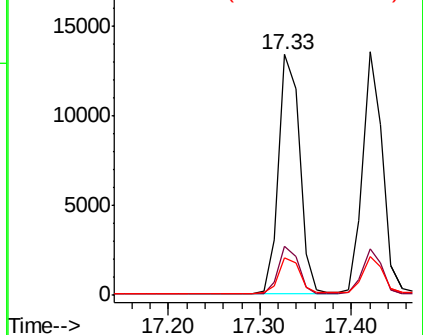
179 15.4 12.2 18.4



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: 0.418 ng

RT: 17.42 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BE097976.D

Acq: 18 Oct 2018 14:19

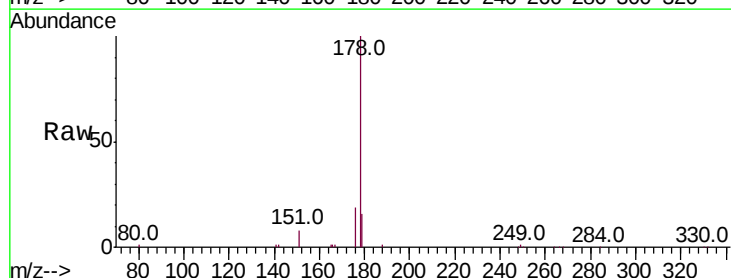
Tgt Ion:178 Resp: 20320

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

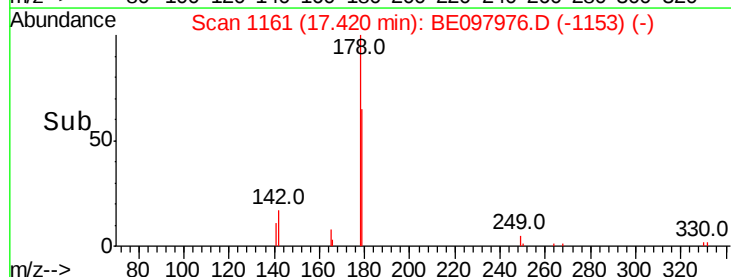
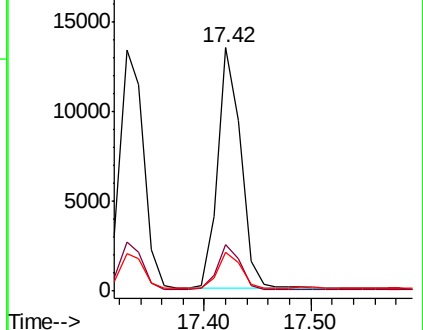
179 14.8 11.9 17.9

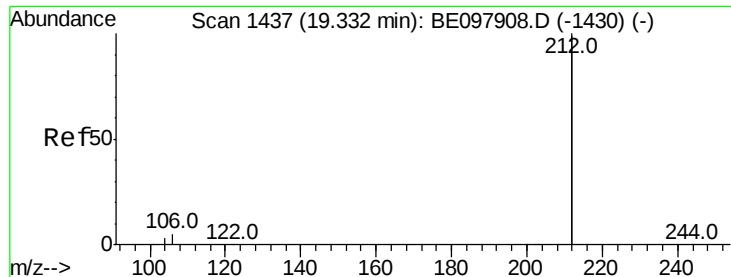


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.378 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097976.D

Acq: 18 Oct 2018 14:19

Instrument :

BNA_E

ClientSampleId :

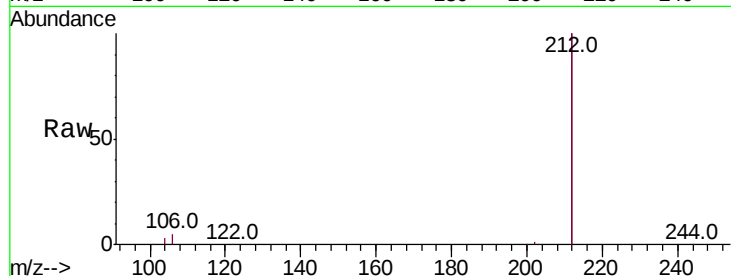
Tot Ion:212 Resp: 103849

Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

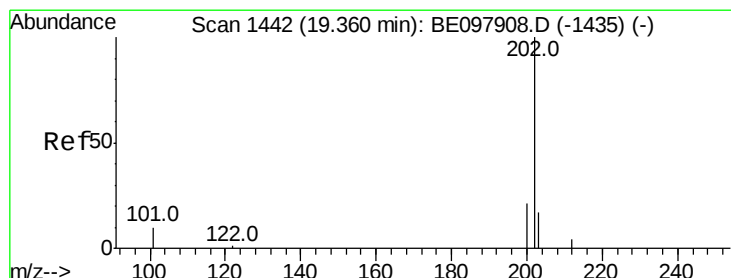
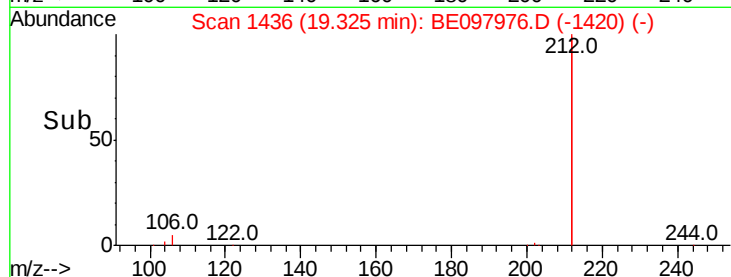
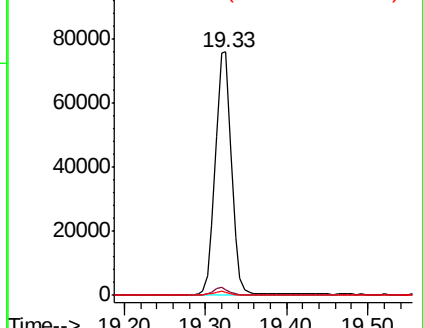
104 1.6 1.3 1.9



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: 0.404 ng

RT: 19.35 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BE097976.D

Acq: 18 Oct 2018 14:19

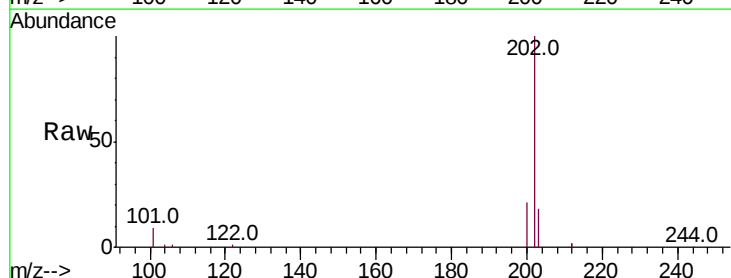
Tgt Ion:202 Resp: 27280

Ion Ratio Lower Upper

202 100

101 10.3 8.2 12.2

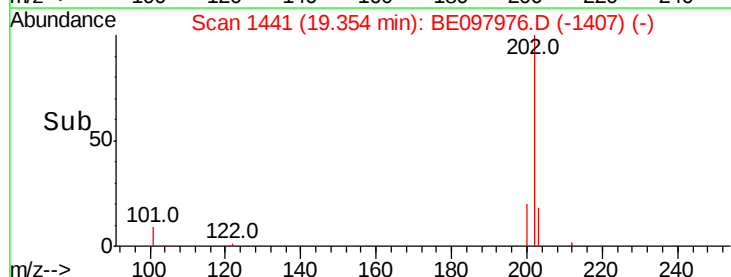
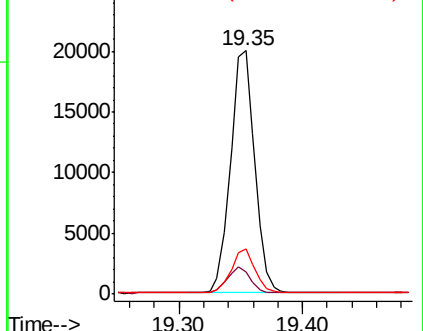
203 17.3 15.0 22.4

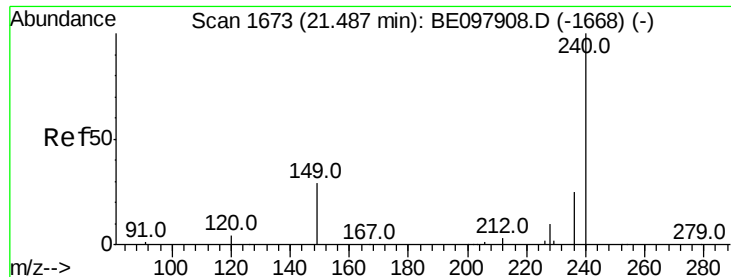


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE097976.D

Acq: 18 Oct 2018 14:19

Instrument :

BNA_E

ClientSampleId :

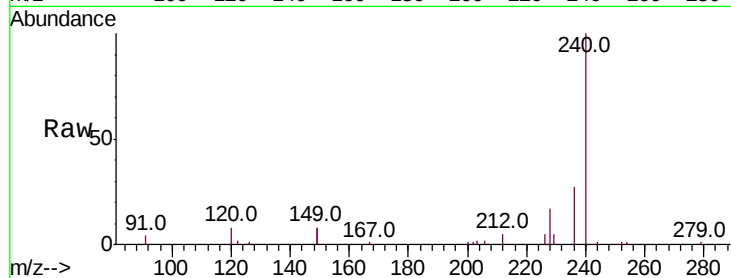
Tot Ion:240 Resp: 23221

Ion Ratio Lower Upper

240 100

120 7.6 7.1 10.7

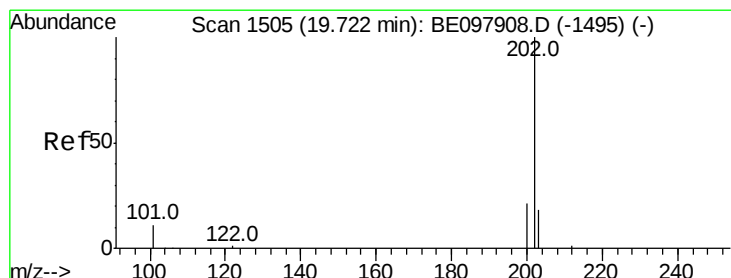
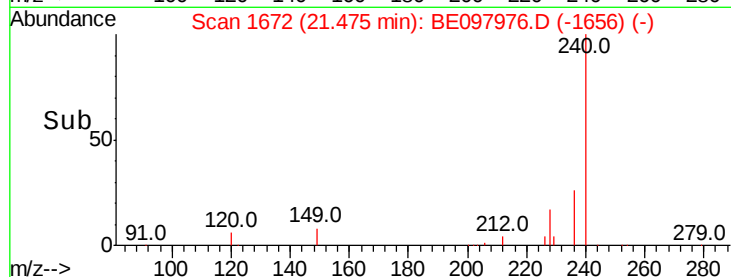
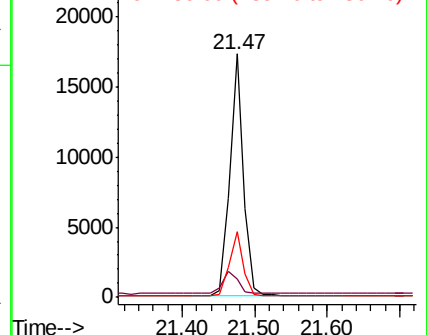
236 26.8 21.3 31.9



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: 0.416 ng

RT: 19.71 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BE097976.D

Acq: 18 Oct 2018 14:19

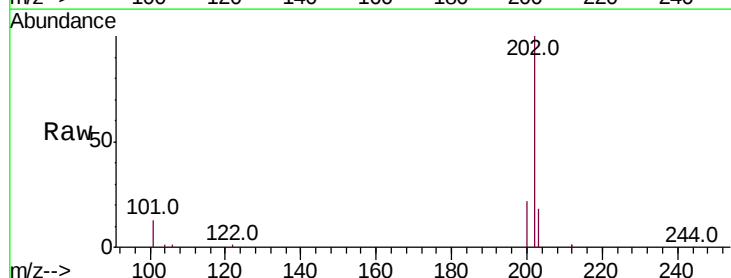
Tgt Ion:202 Resp: 27869

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

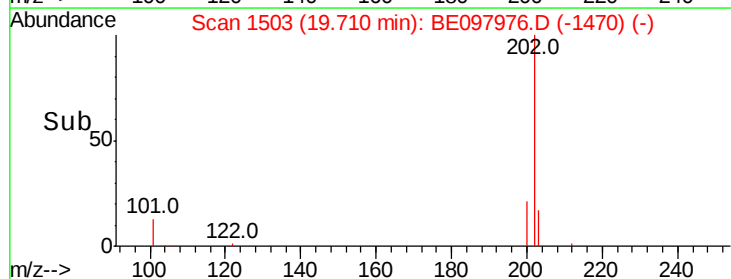
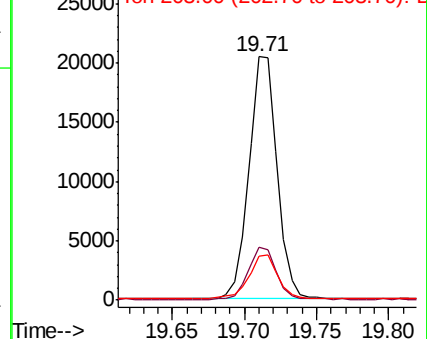
203 18.2 14.2 21.4

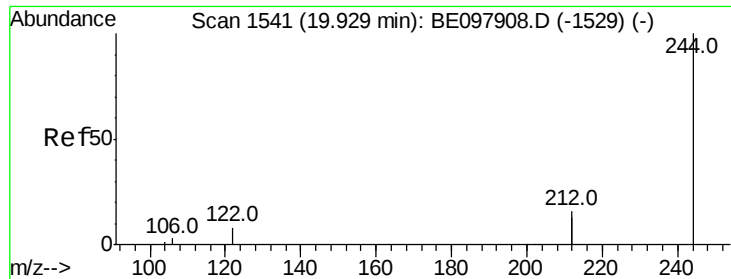


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.381 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BE097976.D

Acq: 18 Oct 2018 14:19

Instrument :

BNA_E

ClientSampleId :

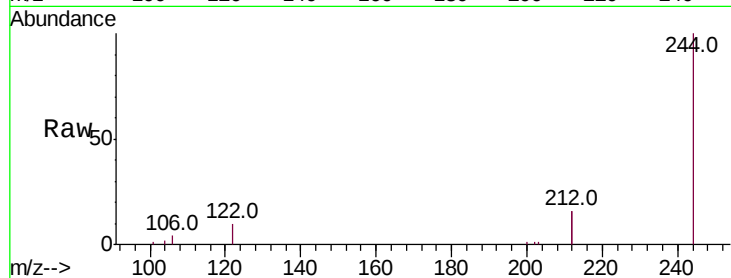
Tot Ion:244 Resp: 20300

Ion Ratio Lower Upper

244 100

212 31.6 26.2 39.2

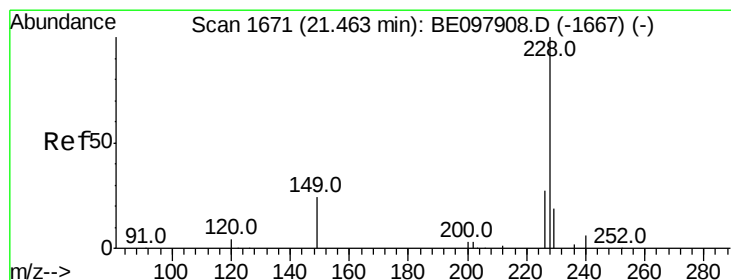
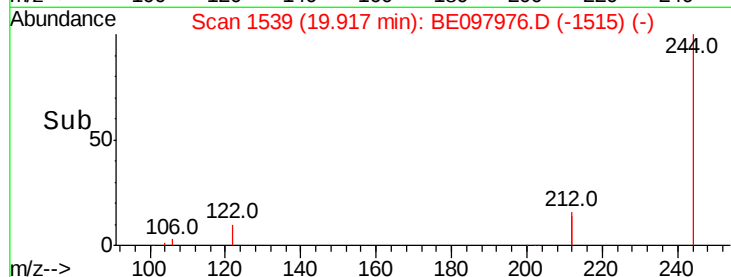
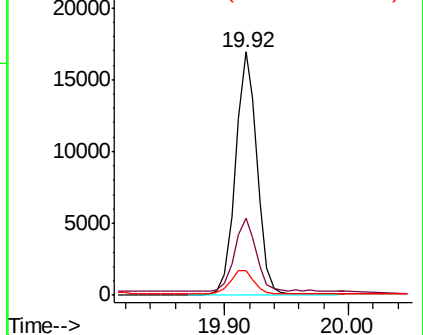
122 10.4 7.7 11.5



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: 0.423 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE097976.D

Acq: 18 Oct 2018 14:19

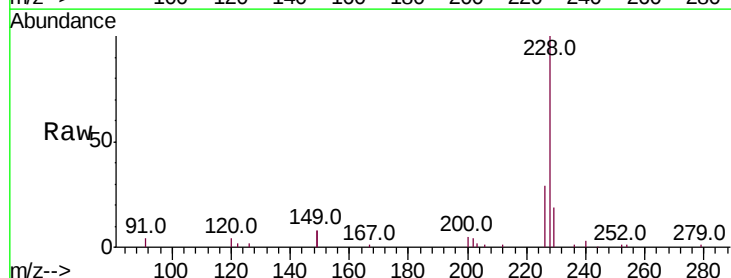
Tgt Ion:228 Resp: 30109

Ion Ratio Lower Upper

228 100

226 28.6 22.6 33.8

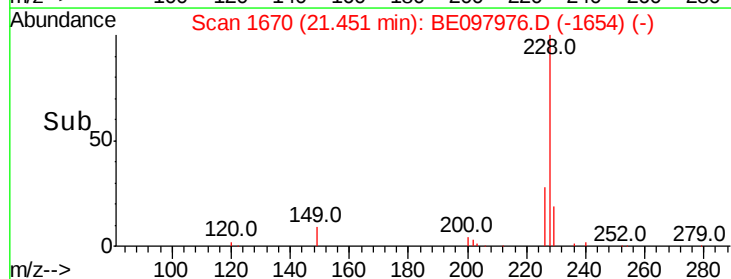
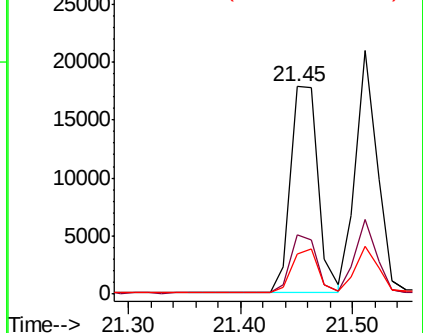
229 19.3 16.9 25.3

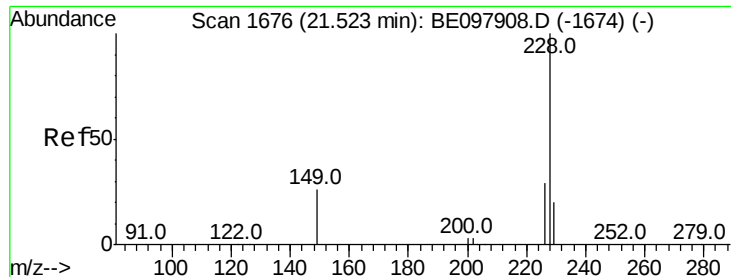


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.415 ng

RT: 21.51 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BE097976.D

Acq: 18 Oct 2018 14:19

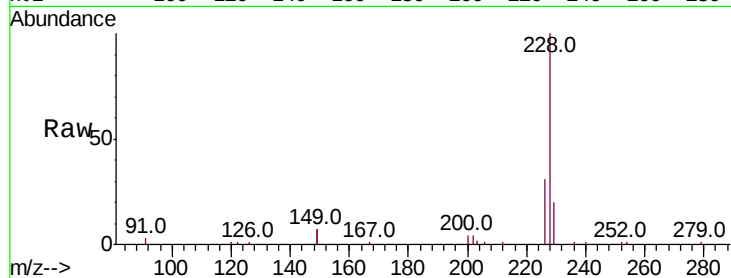
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 27997

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.3	36.5
229	19.9	17.3	25.9

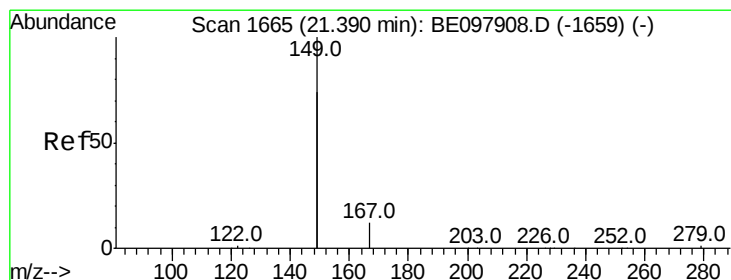
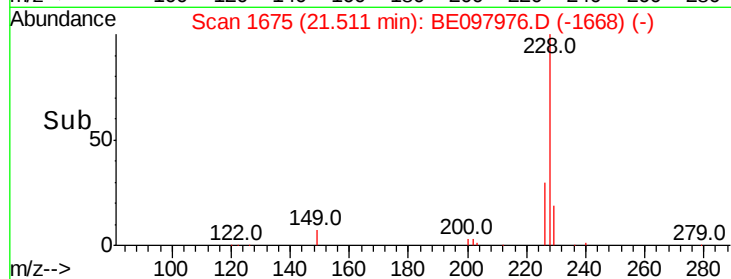
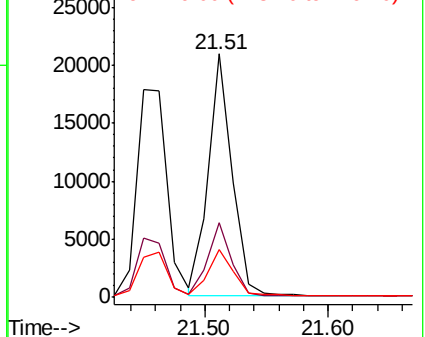


Abundance

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: 0.497 ng

RT: 21.38 min Scan# 1664

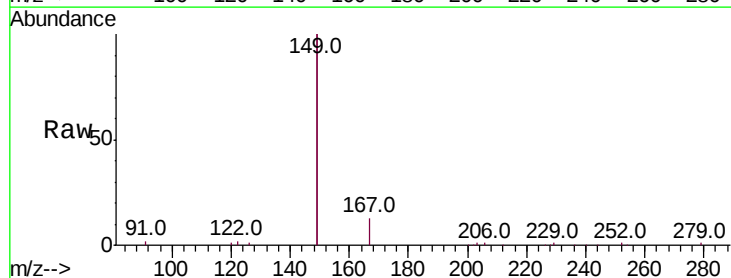
Delta R.T. -0.01 min

Lab File: BE097976.D

Acq: 18 Oct 2018 14:19

Tgt Ion:149 Resp: 77821

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.6	8.4
279	1.0	0.9	1.3

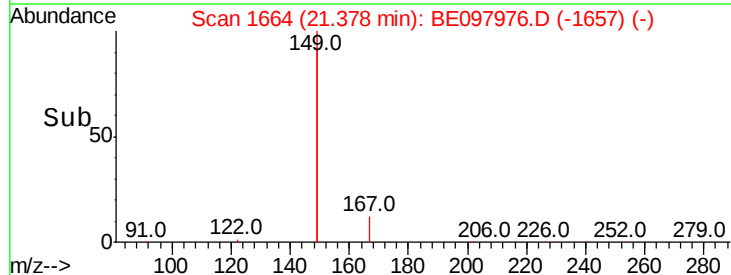
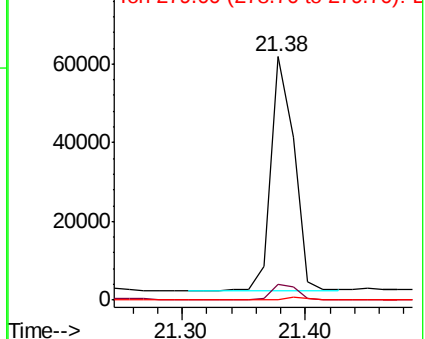


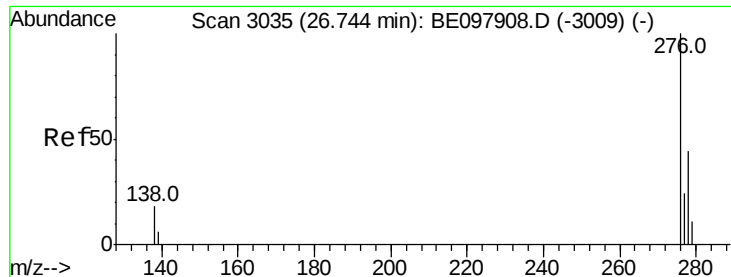
Abundance

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: 0.372 ng

RT: 26.72 min Scan# 3028

Delta R.T. -0.03 min

Lab File: BE097976.D

Acq: 18 Oct 2018 14:19

Instrument :

BNA_E

ClientSampleId :

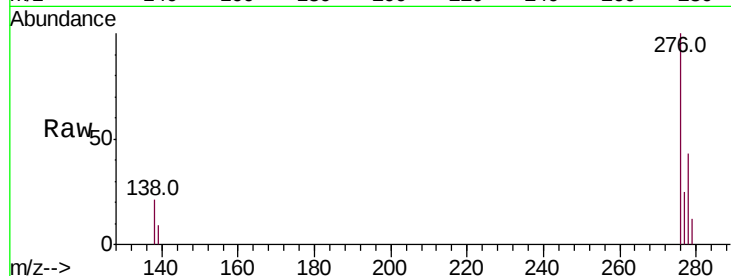
Tot Ion:276 Resp: 28292

Ion Ratio Lower Upper

276 100

138 20.8 17.0 25.6

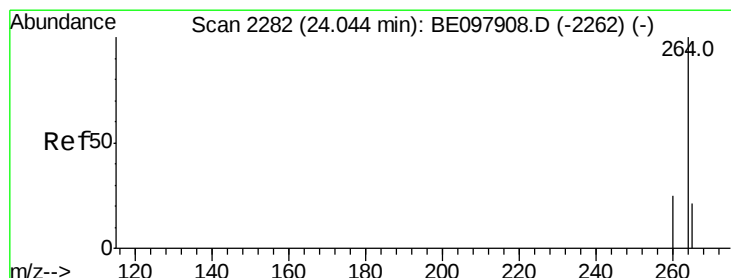
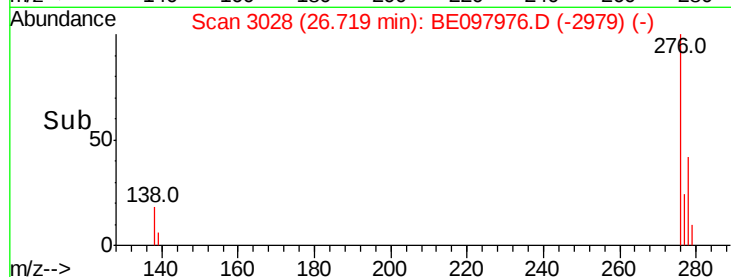
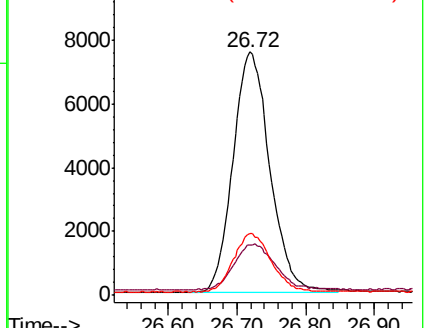
277 24.8 20.5 30.7



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: BE097976.D

Acq: 18 Oct 2018 14:19

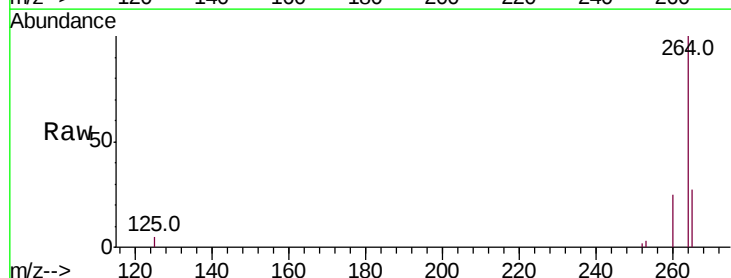
Tgt Ion:264 Resp: 22854

Ion Ratio Lower Upper

264 100

260 25.0 21.1 31.7

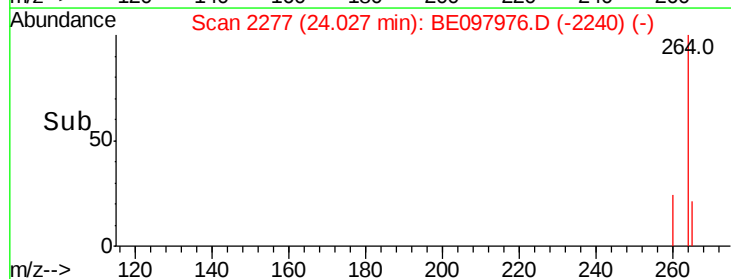
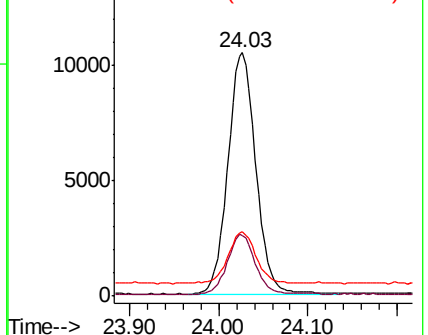
265 26.7 29.2 43.8#

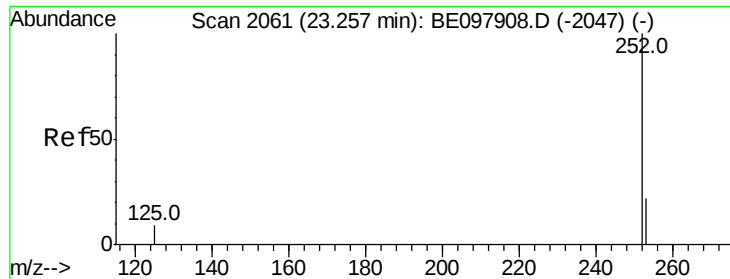


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.416 ng

RT: 23.24 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BE097976.D

Acq: 18 Oct 2018 14:19

Instrument :

BNA_E

ClientSampleId :

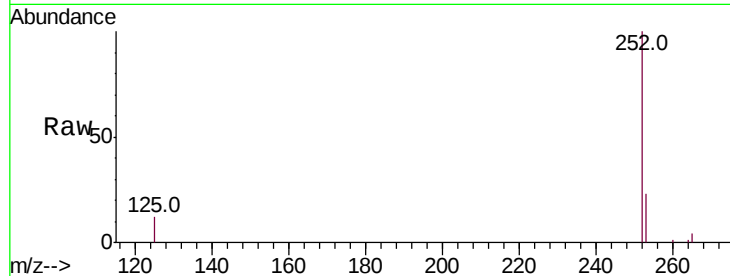
Tot Ion:252 Resp: 27386

Ion Ratio Lower Upper

252 100

253 22.9 20.6 31.0

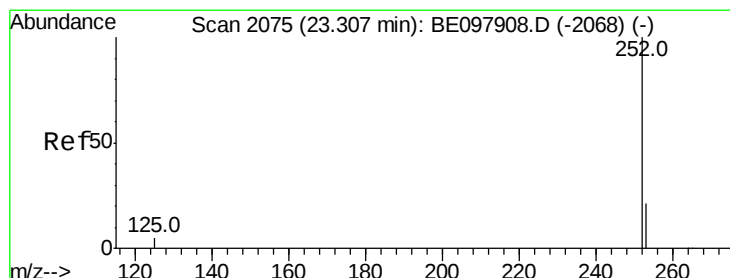
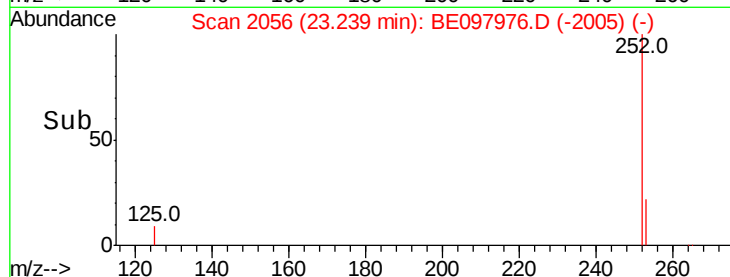
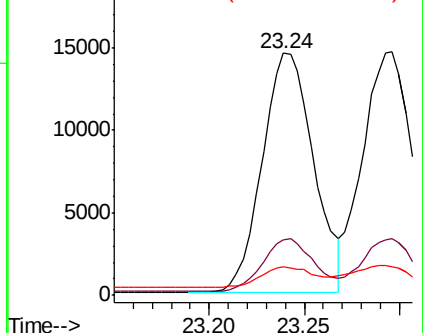
125 11.9 14.3 21.5#



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: 0.395 ng

RT: 23.30 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BE097976.D

Acq: 18 Oct 2018 14:19

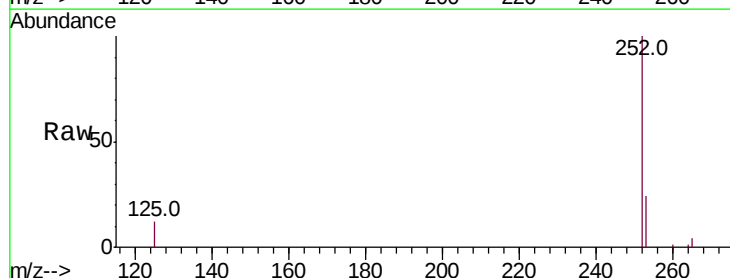
Tgt Ion:252 Resp: 27065

Ion Ratio Lower Upper

252 100

253 23.5 20.4 30.6

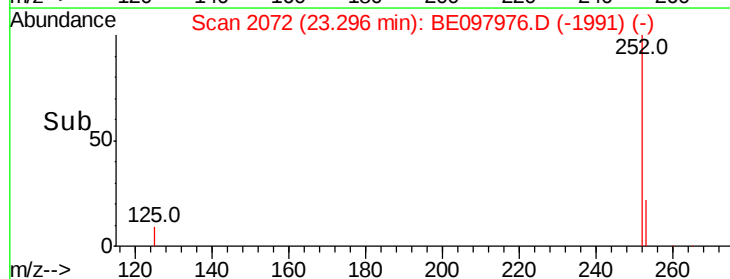
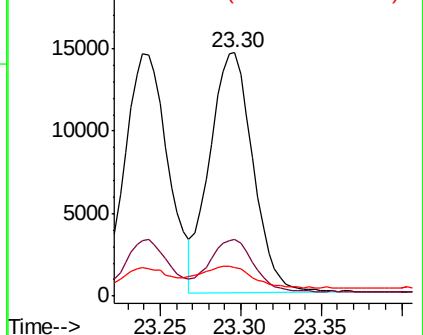
125 11.9 14.6 21.8#

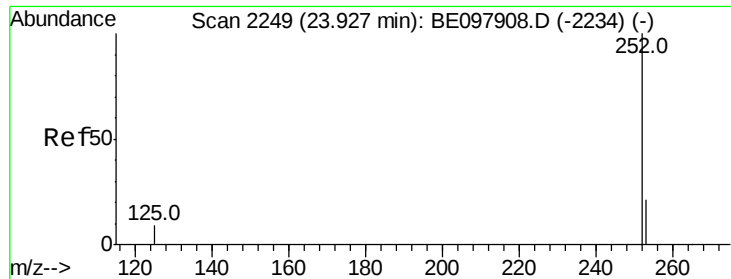


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.372 ng

RT: 23.91 min Scan# 2244

Delta R.T. -0.02 min

Lab File: BE097976.D

Acq: 18 Oct 2018 14:19

Instrument :

BNA_E

ClientSampleId :

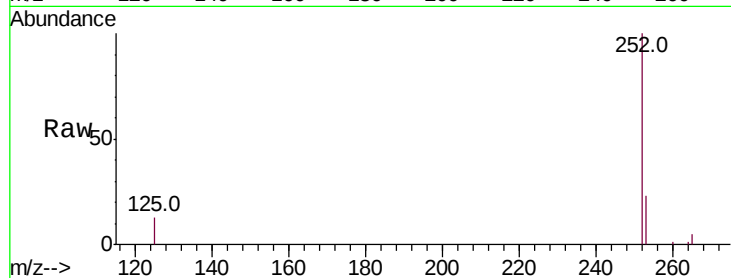
Tot Ion:252 Resp: 23861

Ion Ratio Lower Upper

252 100

253 23.4 20.6 31.0

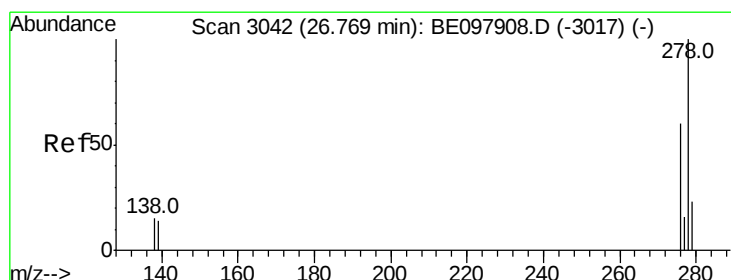
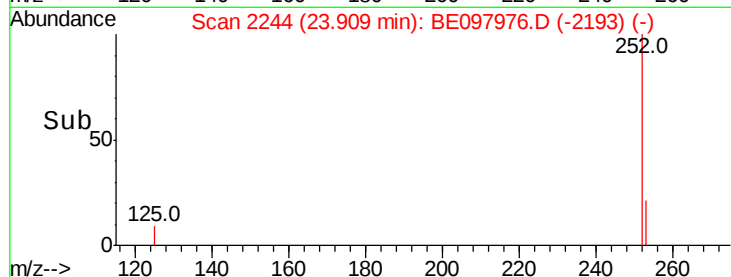
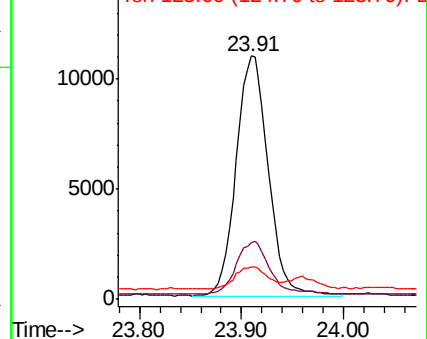
125 13.5 15.6 23.4#



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: 0.380 ng

RT: 26.75 min Scan# 3036

Delta R.T. -0.02 min

Lab File: BE097976.D

Acq: 18 Oct 2018 14:19

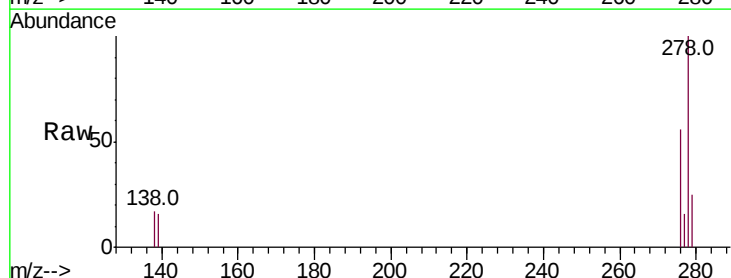
Tgt Ion:278 Resp: 23877

Ion Ratio Lower Upper

278 100

139 16.2 16.3 24.5#

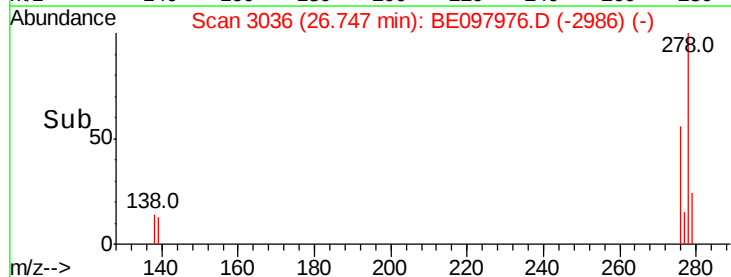
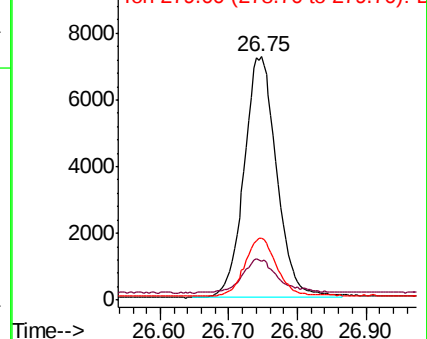
279 25.1 21.4 32.2

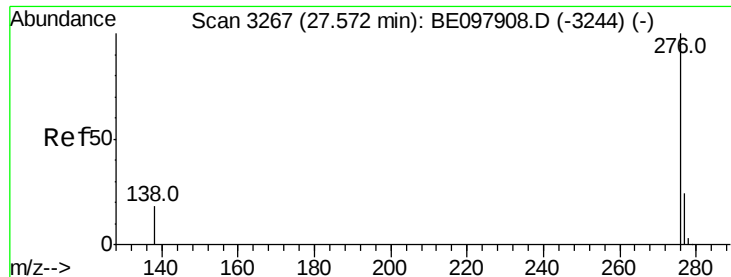


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.315 ng

RT: 27.55 min Scan# 3261

Delta R.T. -0.02 min

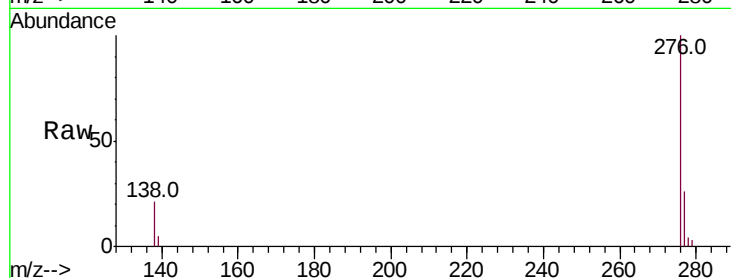
Lab File: BE097976.D

Acq: 18 Oct 2018 14:19

Instrument :

BNA_E

ClientSampleId :



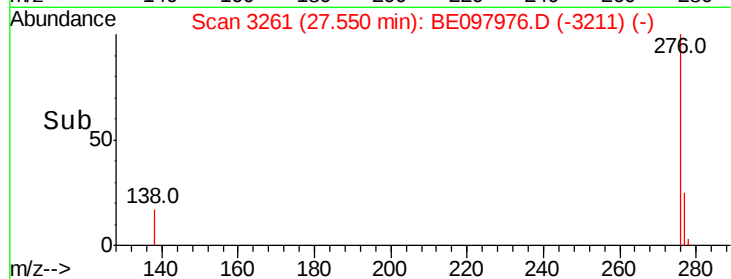
Tot Ion:276 Resp: 20243

Ion Ratio Lower Upper

276 100

277 26.3 22.1 33.1

138 20.7 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

