

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101818\
 Data File : BE097983.D
 Acq On : 18 Oct 2018 18:36
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 19 01:08:56 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	7.87	152	2250	0.40	ng	-0.01
7) Naphthalene-d8	10.68	136	11058	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	7617	0.40	ng	-0.02
19) Phenanthrene-d10	17.29	188	18778	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	21140	0.40	ng	-0.01
34) Perylene-d12	24.03	264	20868	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	2972	0.42	ng	-0.01
5) Phenol-d6	7.04	99	4768	0.45	ng	-0.01
8) Nitrobenzene-d5	9.03	82	4347	0.42	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	8079	0.44	ng	-0.02
14) 2,4,6-Tribromophenol	16.03	330	1800	0.44	ng	-0.01
15) 2-Fluorobiphenyl	13.16	172	12210	0.39	ng	-0.02
25) Fluoranthene-d10	19.32	212	103097	0.41	ng	-0.01
29) Terphenyl-d14	19.92	244	20940	0.43	ng	-0.01

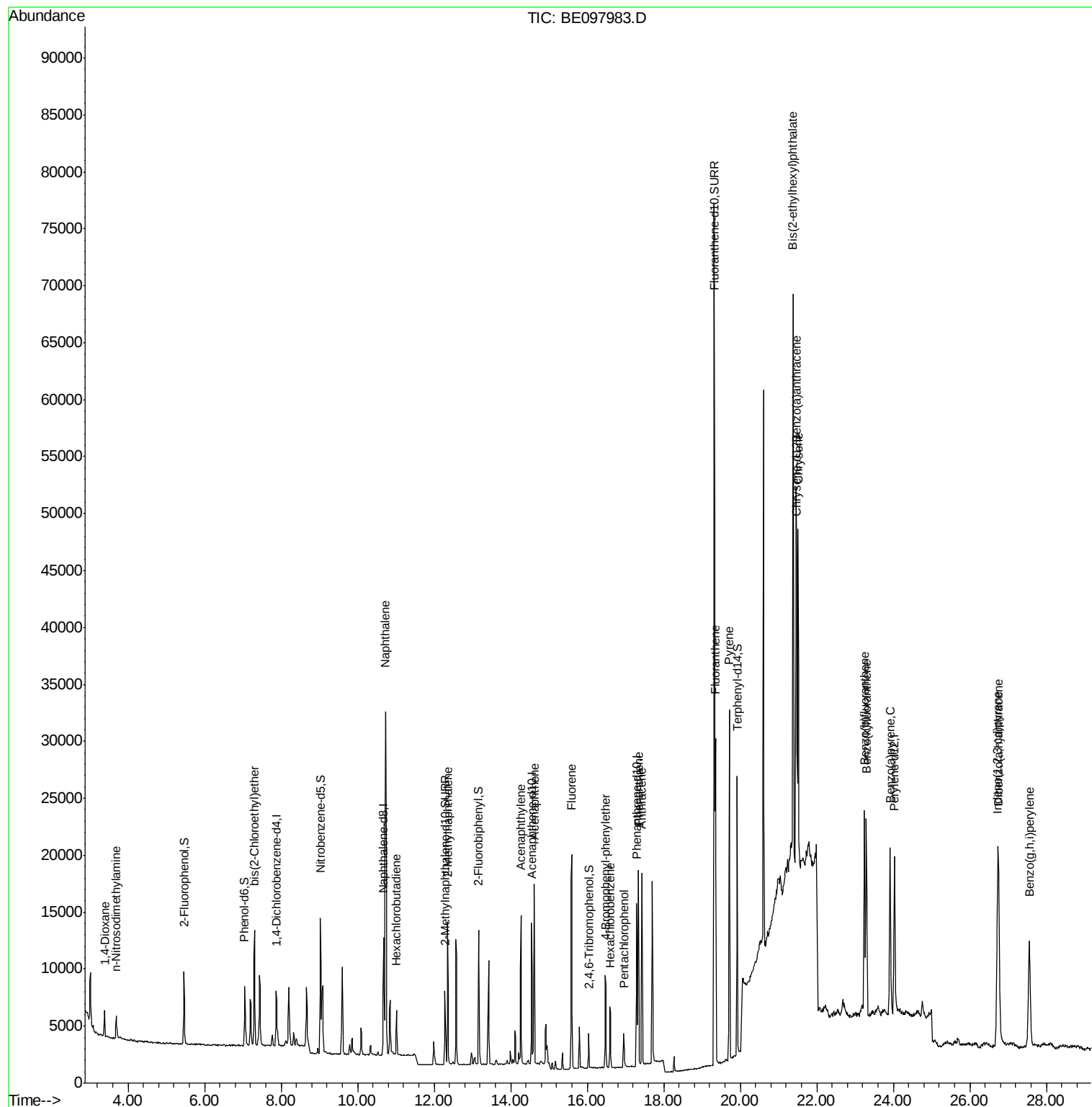
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.38	88	1448	0.369	ng	96
3) n-Nitrosodimethylamine	3.69	42	1550	0.354	ng	# 96
6) bis(2-Chloroethyl)ether	7.30	93	3558	0.399	ng	97
9) Naphthalene	10.73	128	47274	0.429	ng	99
10) Hexachlorobutadiene	11.02	225	2650	0.447	ng	96
12) 2-Methylnaphthalene	12.35	142	8392	0.445	ng	96
16) Acenaphthylene	14.27	152	15094	0.429	ng	100
17) Acenaphthene	14.61	154	9122	0.424	ng	97
18) Fluorene	15.59	166	12169	0.411	ng	100
20) 4-Bromophenyl-phenylether	16.49	248	4578	0.446	ng	# 80
21) Hexachlorobenzene	16.60	284	4743	0.470	ng	99
22) Pentachlorophenol	16.95	266	1896	0.699	ng	97
23) Phenanthrene	17.34	178	19975	0.419	ng	99
24) Anthracene	17.42	178	19332	0.429	ng	99
26) Fluoranthene	19.35	202	25153	0.402	ng	98
28) Pyrene	19.71	202	26786	0.439	ng	100
30) Benzo(a)anthracene	21.46	228	26853	0.414	ng	98
31) Chrysene	21.51	228	26354	0.429	ng	98
32) Bis(2-ethylhexyl)phthalate	21.38	149	72083	0.508	ng	# 95
33) Indeno(1,2,3-cd)pyrene	26.72	276	28417	0.427	ng	99
35) Benzo(b)fluoranthene	23.25	252	25058	0.417	ng	# 84
36) Benzo(k)fluoranthene	23.30	252	25773	0.412	ng	# 85
37) Benzo(a)pyrene	23.91	252	24371	0.416	ng	# 83
38) Dibenzo(a,h)anthracene	26.75	278	23778	0.415	ng	# 87
39) Benzo(g,h,i)perylene	27.55	276	23705	0.404	ng	99

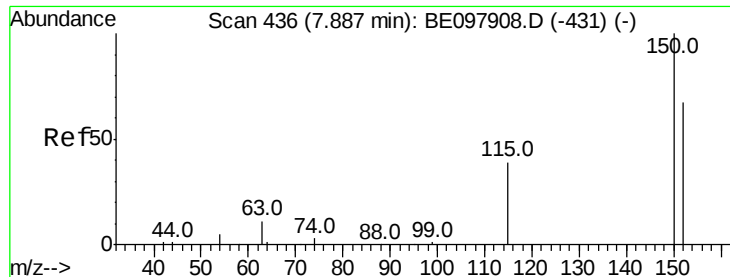
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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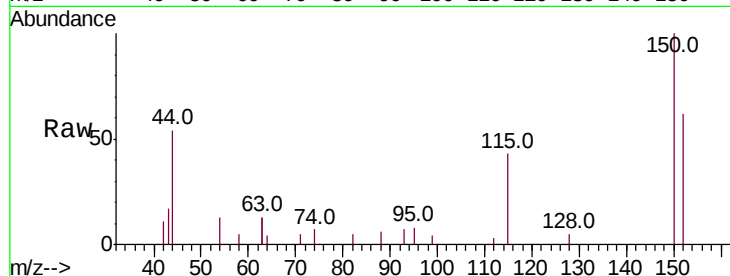


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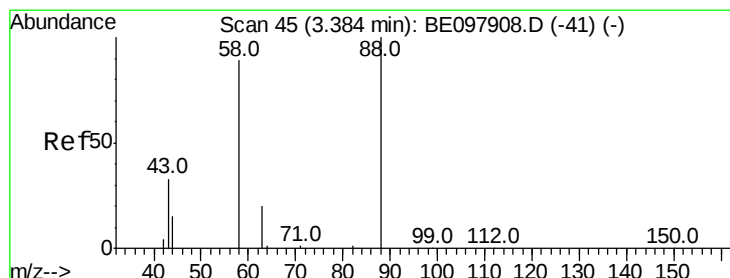
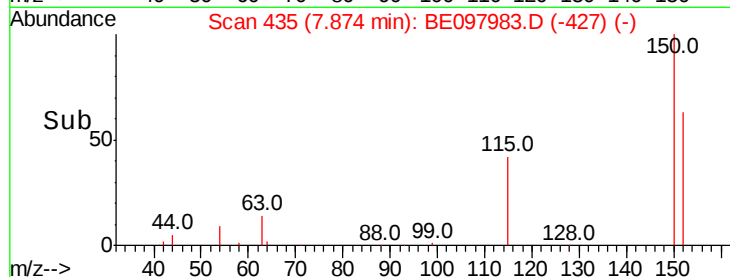
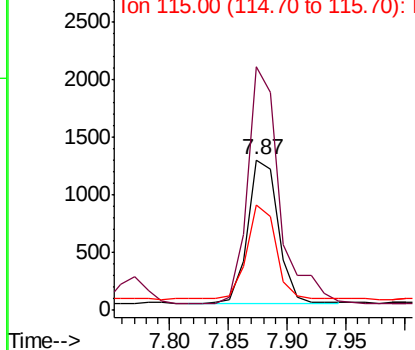
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.01 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2250
Ion Ratio Lower Upper
152 100
150 162.1 118.2 177.4
115 70.2 50.9 76.3



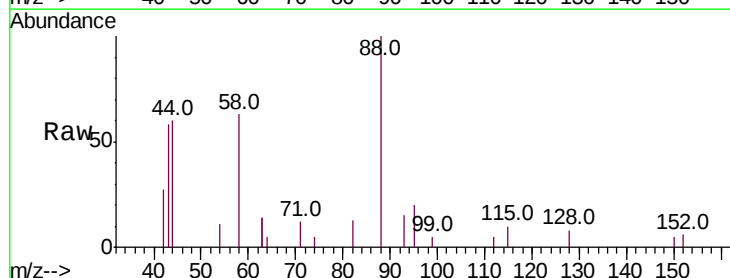
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



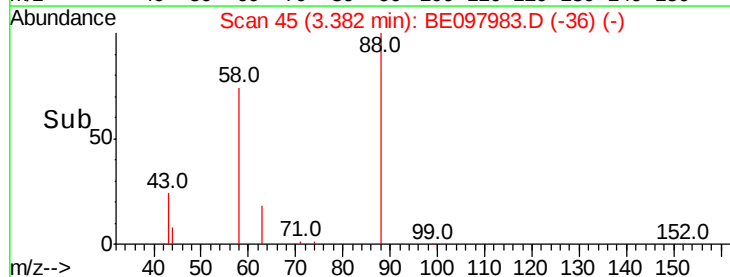
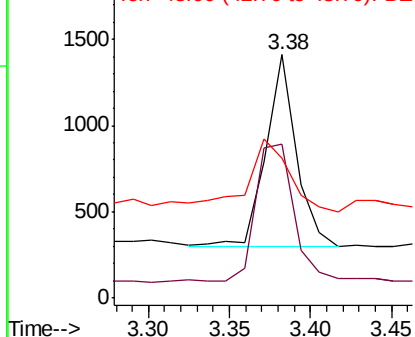
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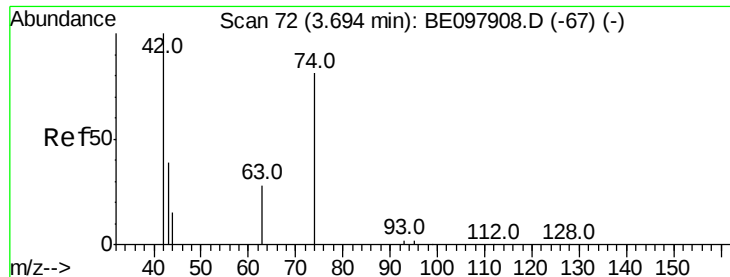
1,4-Dioxane
Concen: 0.369 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Tgt Ion: 88 Resp: 1448
Ion Ratio Lower Upper
88 100
58 92.3 73.2 109.8
43 52.9 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



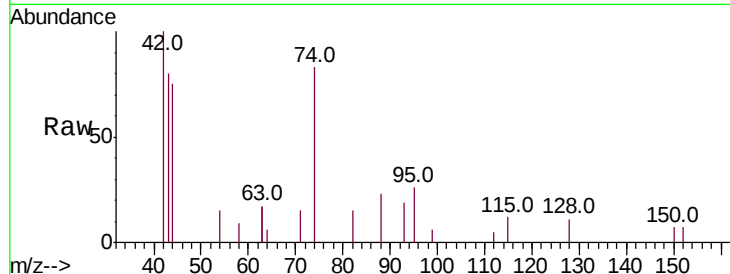


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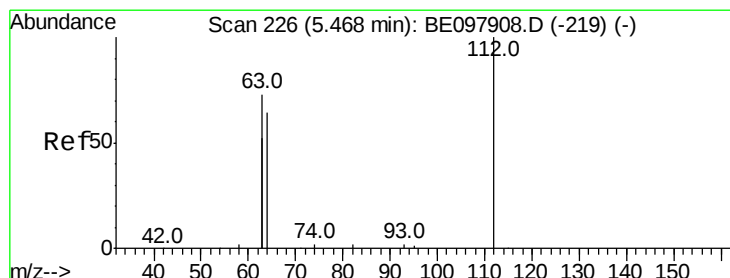
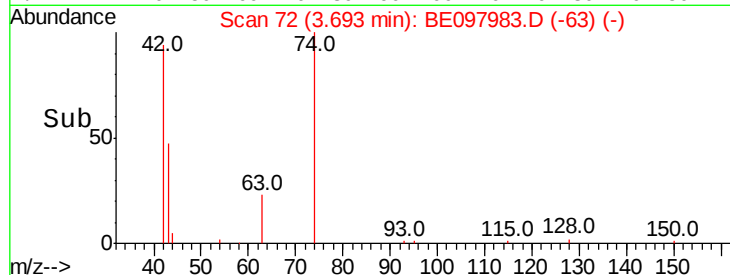
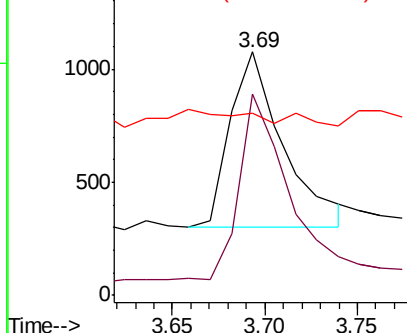
n-Nitrosodimethylamine
 Concen: 0.354 ng
 RT: 3.69 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BE097983.D
 Acq: 18 Oct 2018 18:36

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 1550
 Ion Ratio Lower Upper
 42 100
 74 98.4 77.6 116.4
 44 0.0 7.6 11.4#



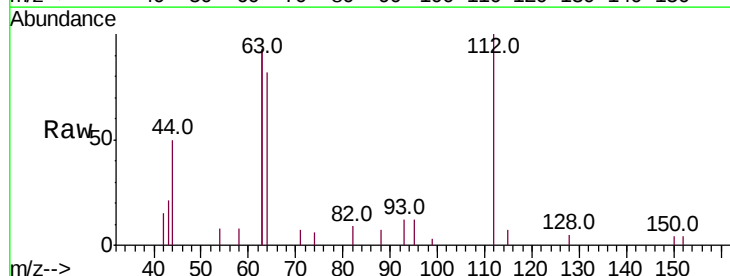
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



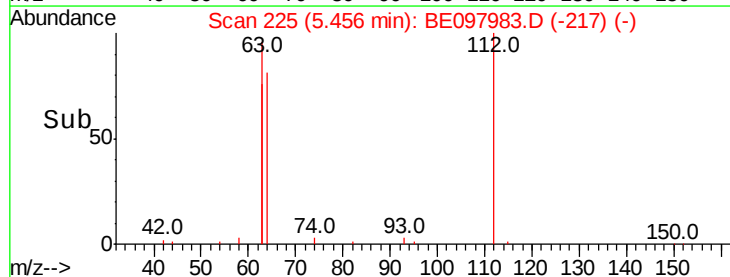
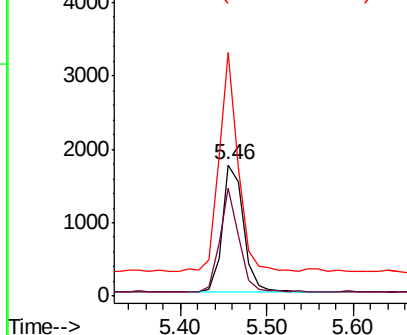
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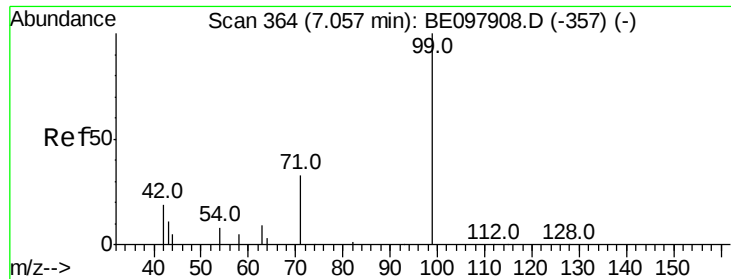
2-Fluorophenol
 Concen: 0.419 ng
 RT: 5.46 min Scan# 225
 Delta R.T. -0.01 min
 Lab File: BE097983.D
 Acq: 18 Oct 2018 18:36

Tgt Ion: 112 Resp: 2972
 Ion Ratio Lower Upper
 112 100
 64 73.5 58.9 88.3
 63 155.9 120.3 180.5



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: 0.455 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.01 min

Lab File: BE097983.D

Acq: 18 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :

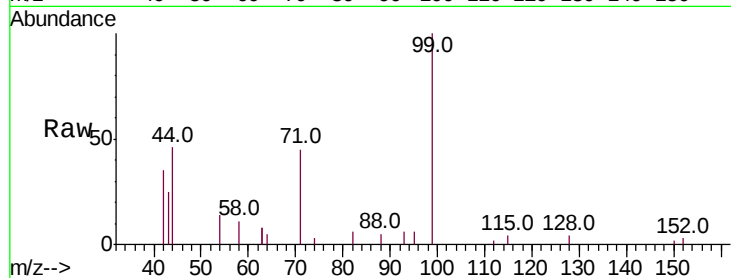
Tot Ion: 99 Resp: 4768

Ion Ratio Lower Upper

99 100

42 26.1 19.9 29.9

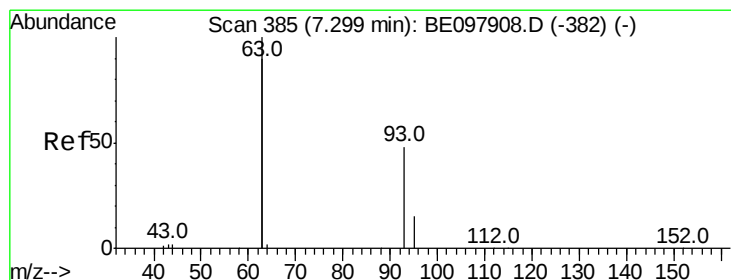
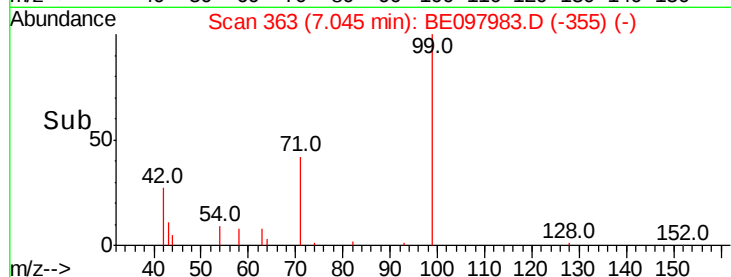
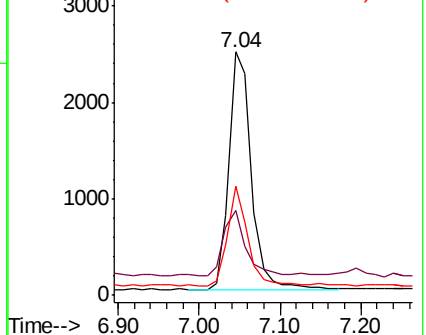
71 36.9 27.8 41.8



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: 0.399 ng

RT: 7.30 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE097983.D

Acq: 18 Oct 2018 18:36

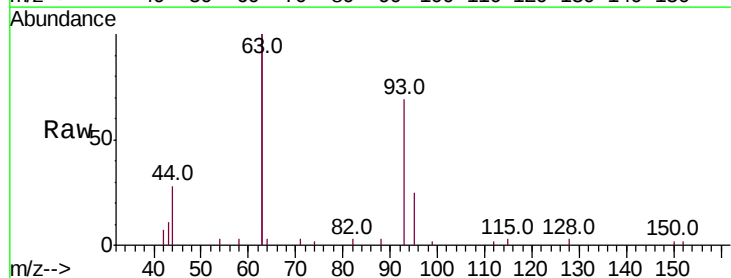
Tgt Ion: 93 Resp: 3558

Ion Ratio Lower Upper

93 100

63 330.0 259.0 388.4

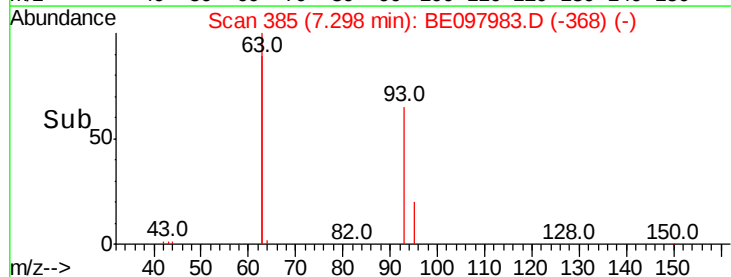
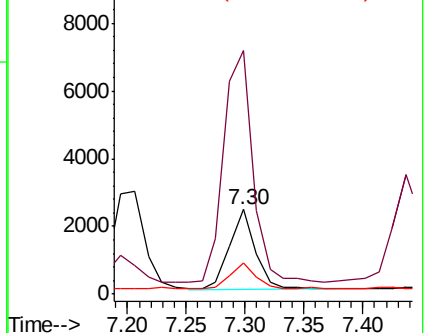
95 31.3 27.8 41.8

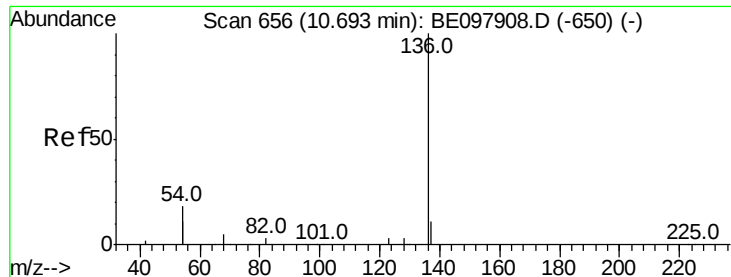


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097983.D

Acq: 18 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 11058

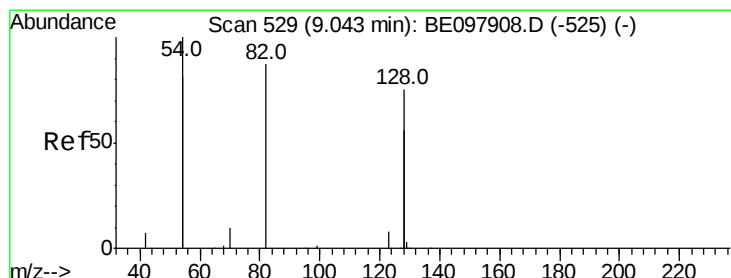
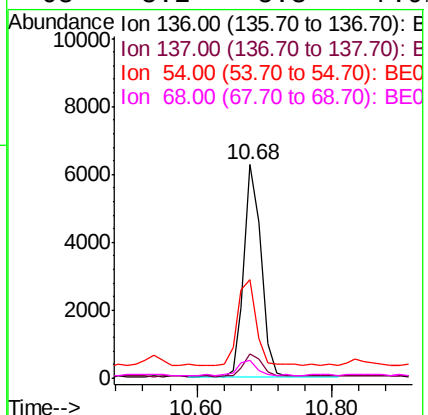
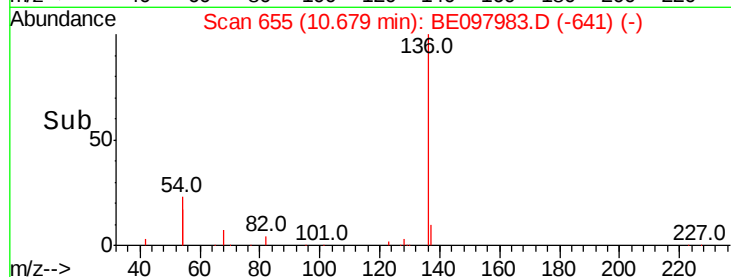
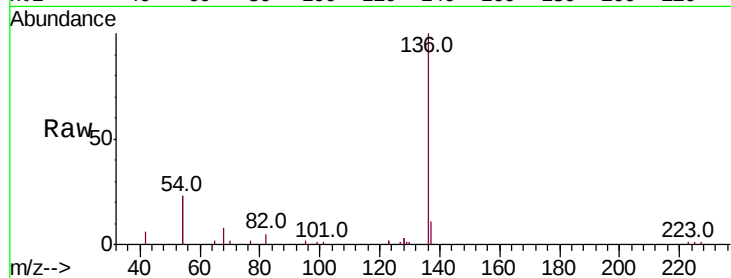
Ion Ratio Lower Upper

136 100

137 11.3 9.6 14.4

54 46.2 27.7 41.5#

68 8.2 5.3 7.9#



#8

Nitrobenzene-d5

Concen: 0.415 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097983.D

Acq: 18 Oct 2018 18:36

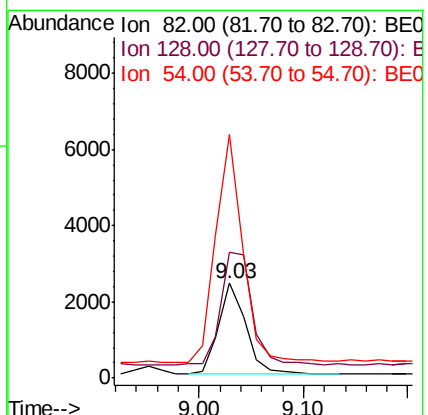
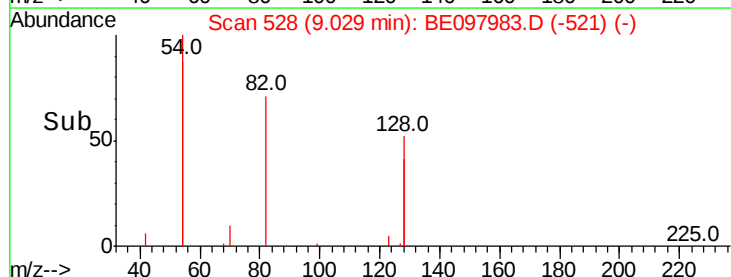
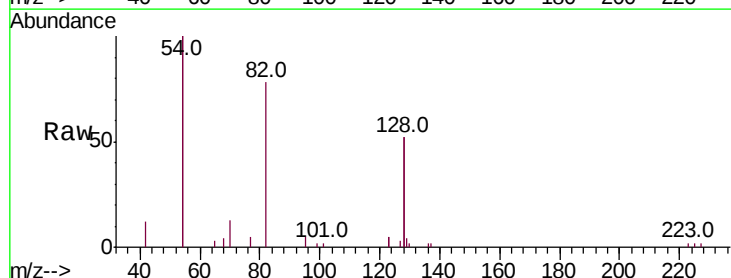
Tgt Ion: 82 Resp: 4347

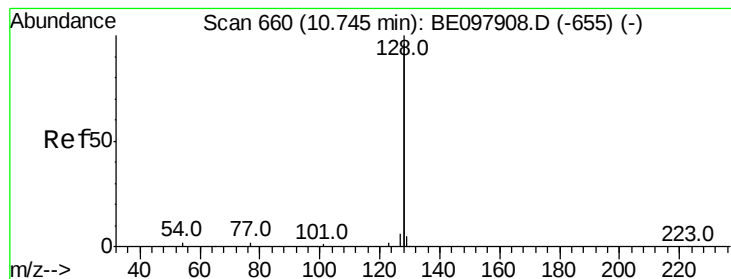
Ion Ratio Lower Upper

82 100

128 132.5 129.9 194.9

54 256.1 174.0 261.0





#9

Naphthalene

Concen: 0.429 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE097983.D

Acq: 18 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :

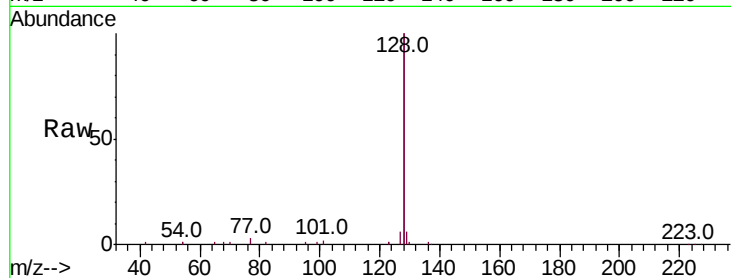
Tot Ion:128 Resp: 47274

Ion Ratio Lower Upper

128 100

129 3.0 2.5 3.7

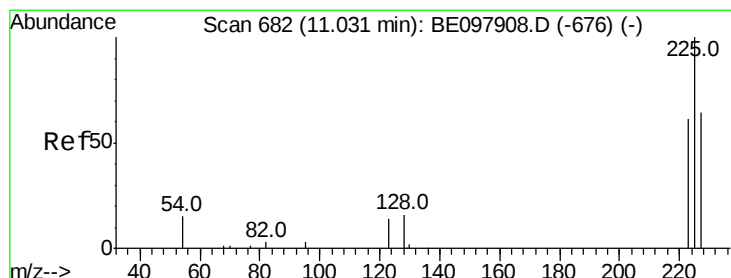
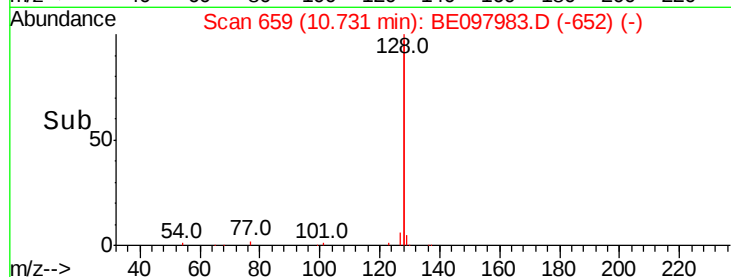
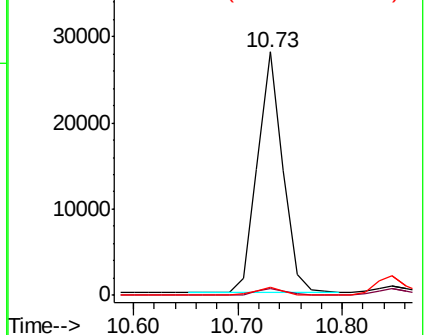
127 3.2 2.8 4.2



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: 0.447 ng

RT: 11.02 min Scan# 681

Delta R.T. -0.01 min

Lab File: BE097983.D

Acq: 18 Oct 2018 18:36

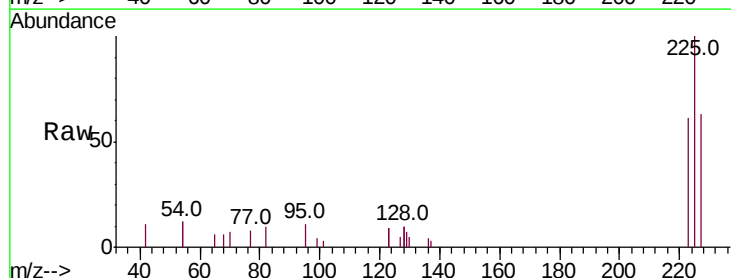
Tgt Ion:225 Resp: 2650

Ion Ratio Lower Upper

225 100

223 60.8 51.8 77.8

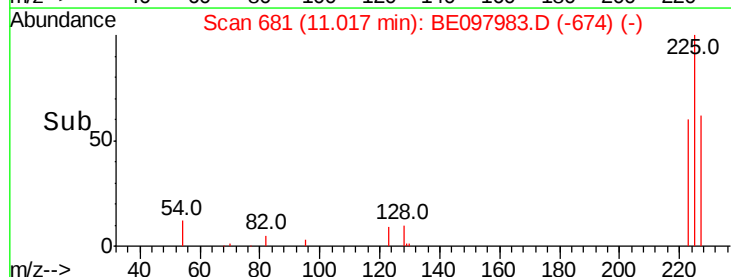
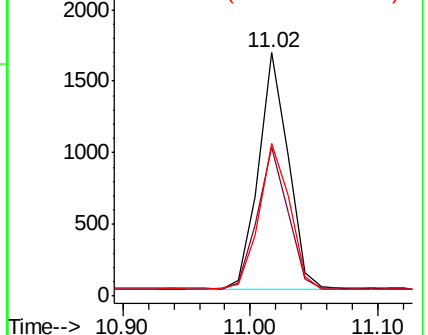
227 63.9 53.0 79.6

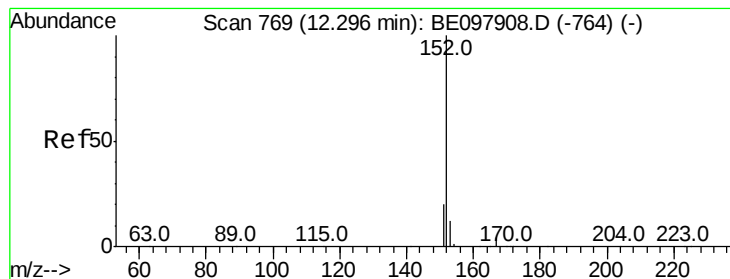


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

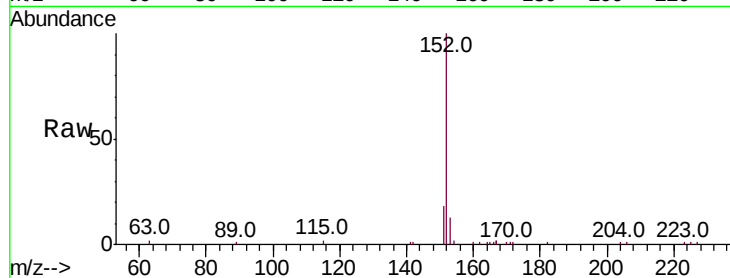




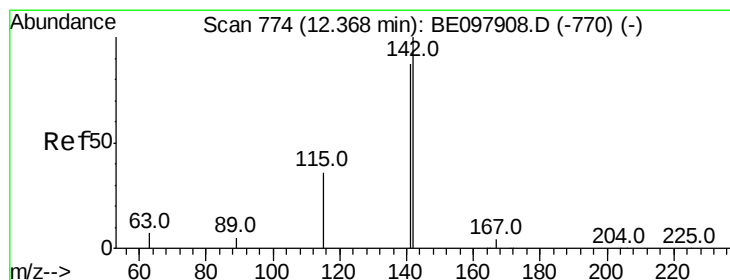
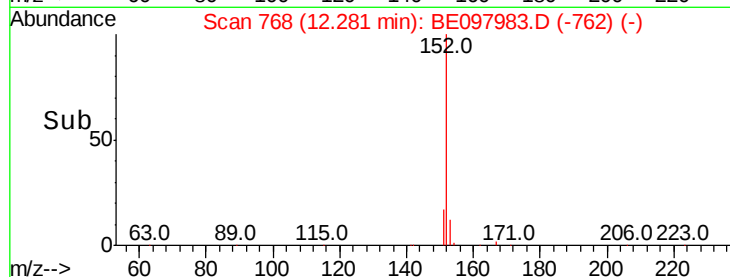
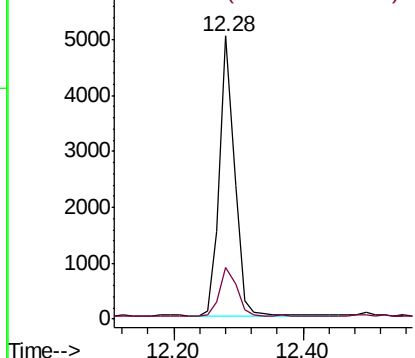
#11
 2-Methylnaphthalene-d10
 Concen: 0.439 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BE097983.D
 Acq: 18 Oct 2018 18:36

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 8079
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.2 24.4

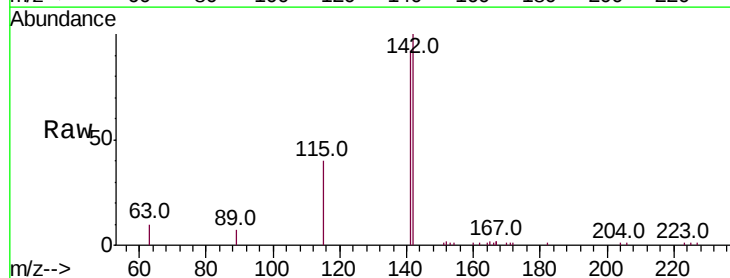


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

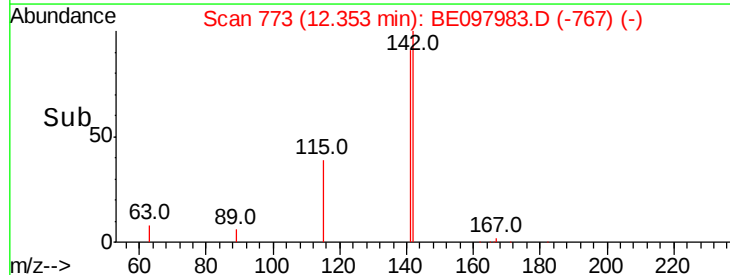
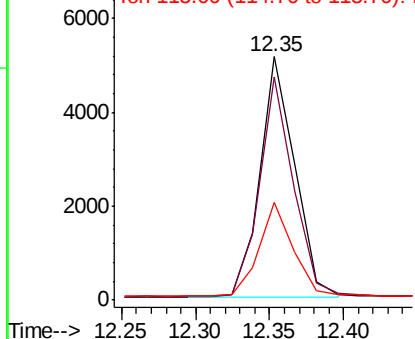


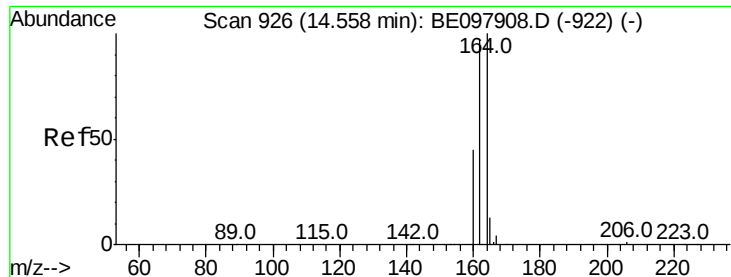
#12
 2-Methylnaphthalene
 Concen: 0.445 ng
 RT: 12.35 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BE097983.D
 Acq: 18 Oct 2018 18:36

Tgt Ion:142 Resp: 8392
 Ion Ratio Lower Upper
 142 100
 141 91.6 69.8 104.6
 115 40.4 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. -0.02 min

Lab File: BE097983.D

Acq: 18 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :

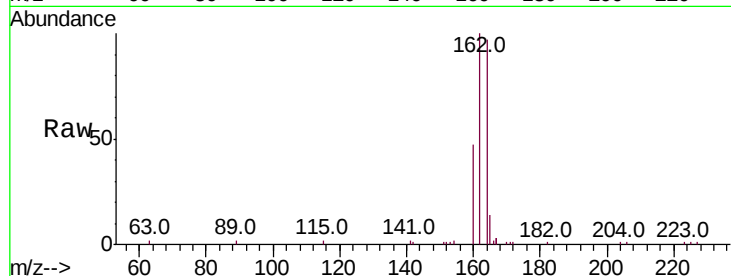
Tot Ion:164 Resp: 7617

Ion Ratio Lower Upper

164 100

162 102.7 77.4 116.2

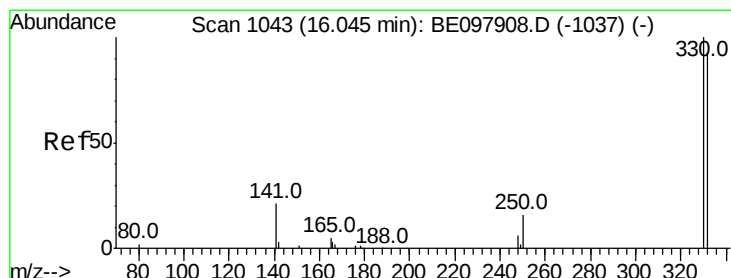
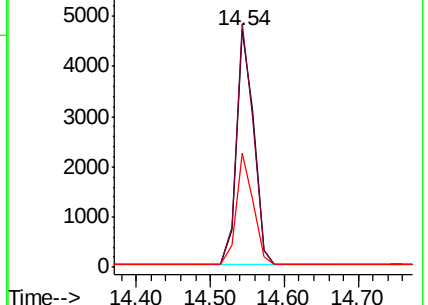
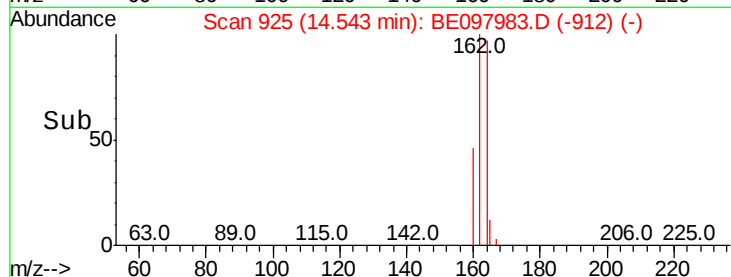
160 48.0 36.5 54.7



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: 0.439 ng

RT: 16.03 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BE097983.D

Acq: 18 Oct 2018 18:36

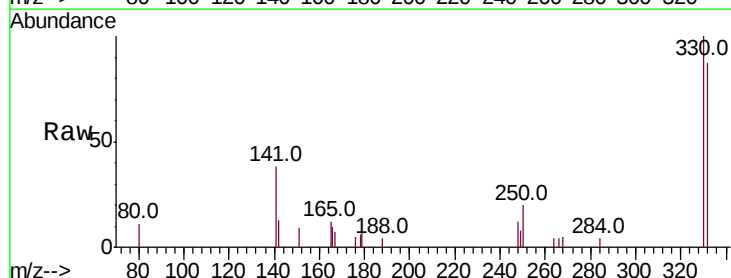
Tgt Ion:330 Resp: 1800

Ion Ratio Lower Upper

330 100

332 96.8 76.5 114.7

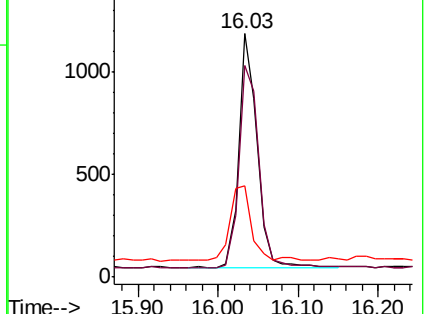
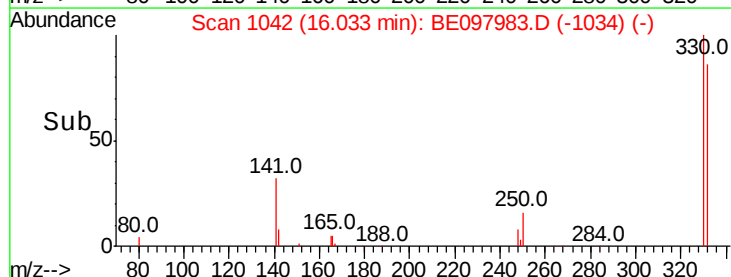
141 38.2 31.8 47.6

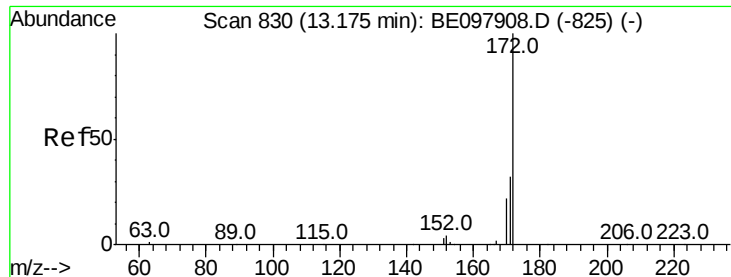


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

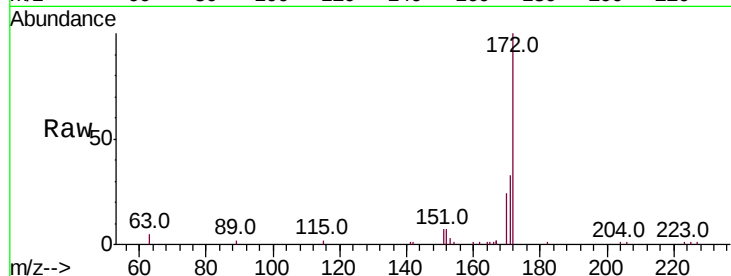




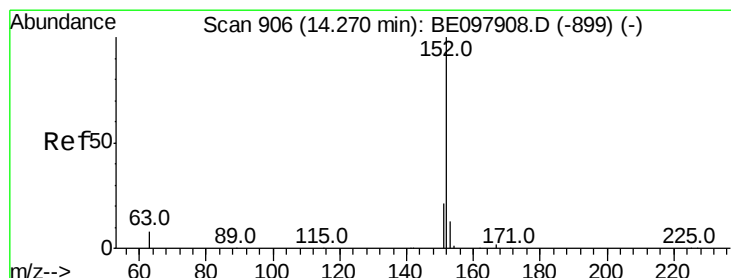
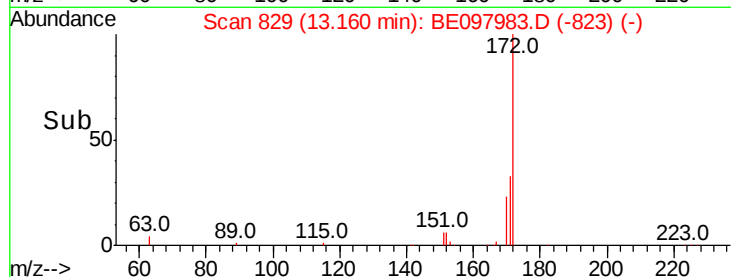
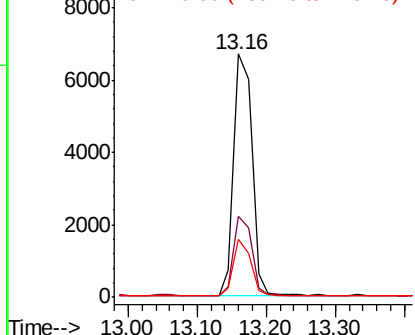
#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.02 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 12210
Ion Ratio Lower Upper
172 100
171 33.3 26.0 39.0
170 24.0 18.0 27.0

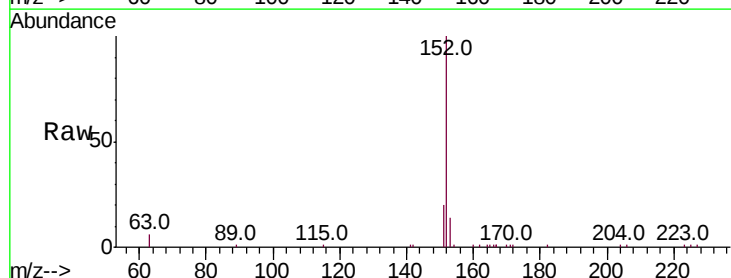


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

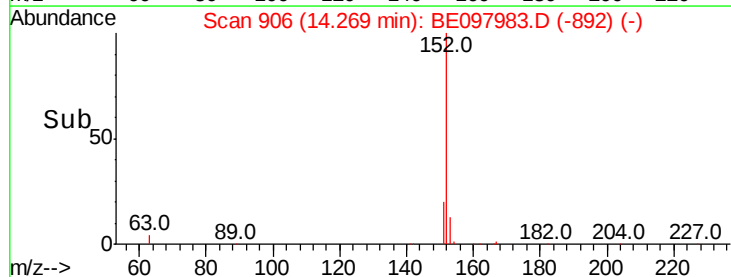
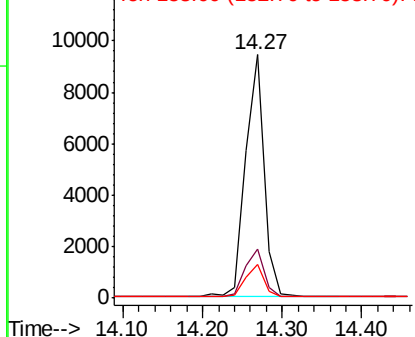


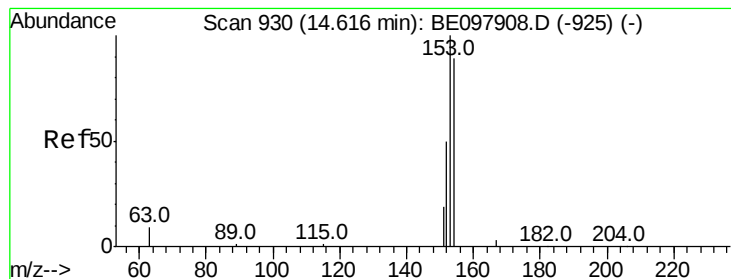
#16
Acenaphthylene
Concen: 0.429 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Tgt Ion:152 Resp: 15094
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.4 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: 0.424 ng

RT: 14.61 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE097983.D

Acq: 18 Oct 2018 18:36

Instrument :

BNA_E

ClientSampled :

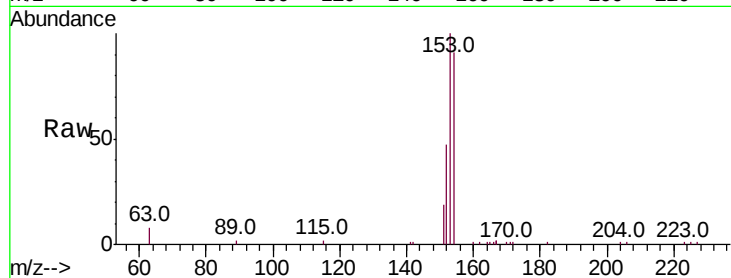
Tot Ion:154 Resp: 9122

Ion Ratio Lower Upper

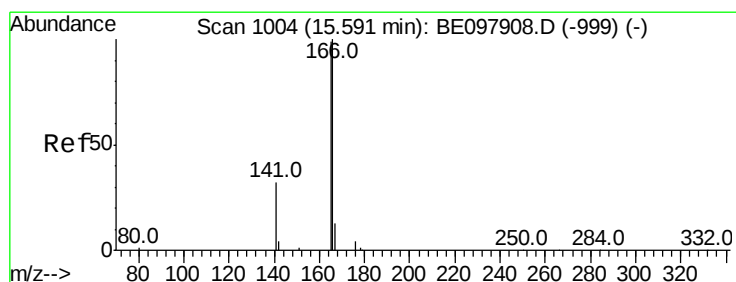
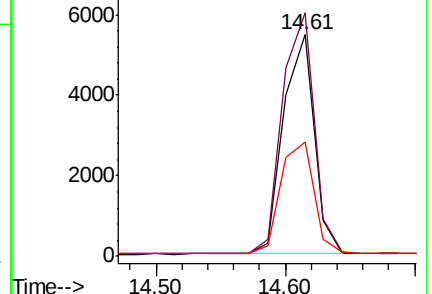
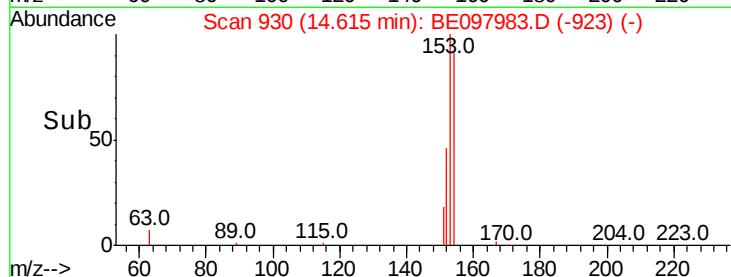
154 100

153 112.4 92.6 139.0

152 55.0 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: 0.411 ng

RT: 15.59 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE097983.D

Acq: 18 Oct 2018 18:36

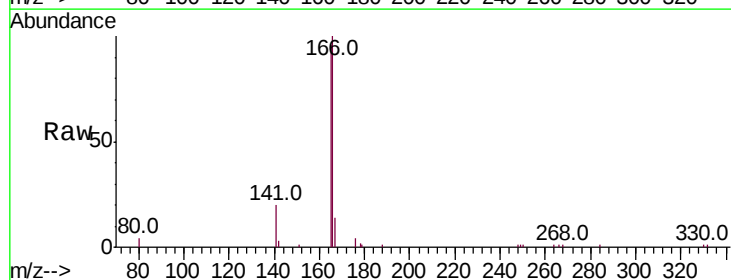
Tgt Ion:166 Resp: 12169

Ion Ratio Lower Upper

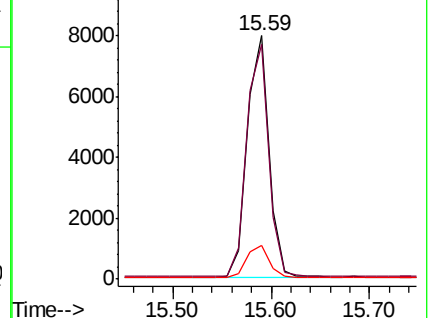
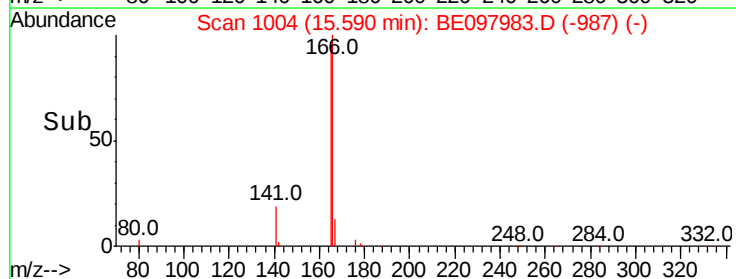
166 100

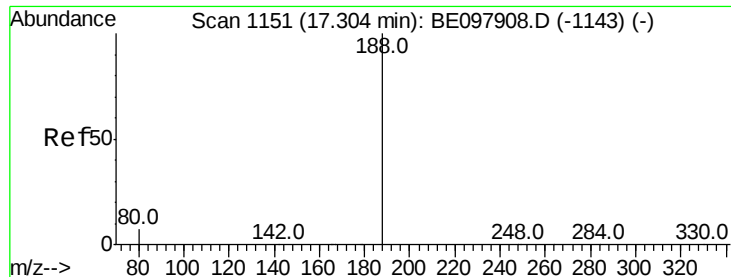
165 97.4 78.2 117.4

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: BE097983.D

Acq: 18 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :

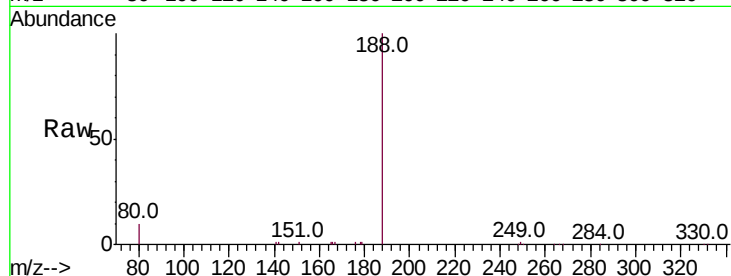
Tot Ion:188 Resp: 18778

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

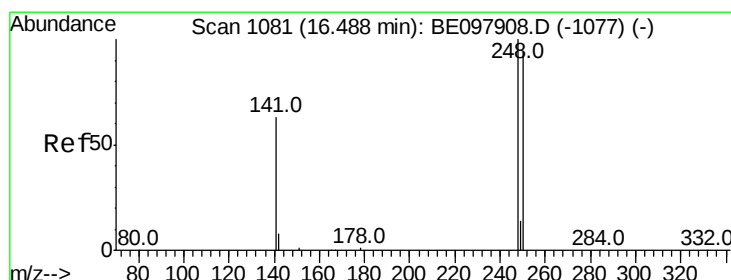
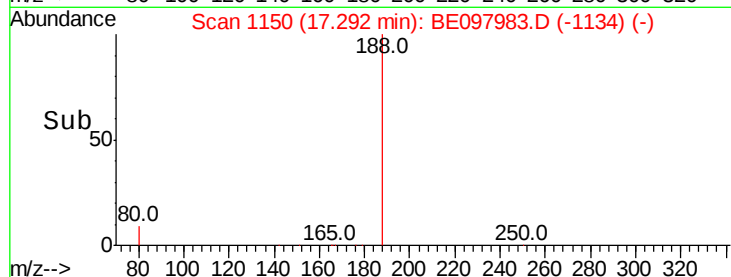
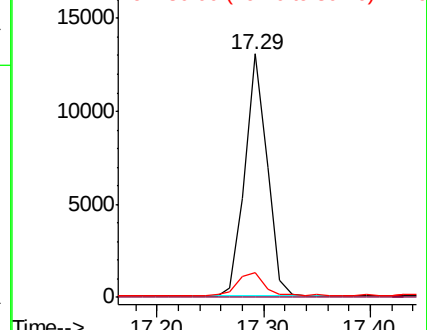
80 10.0 6.3 9.5#



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: 0.446 ng

RT: 16.49 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BE097983.D

Acq: 18 Oct 2018 18:36

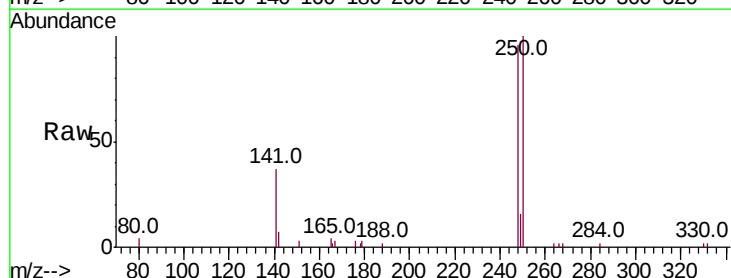
Tgt Ion:248 Resp: 4578

Ion Ratio Lower Upper

248 100

250 104.0 75.1 112.7

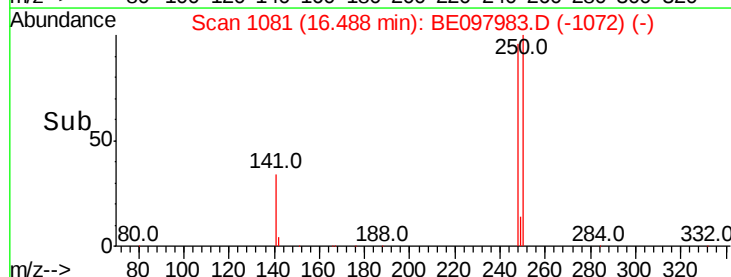
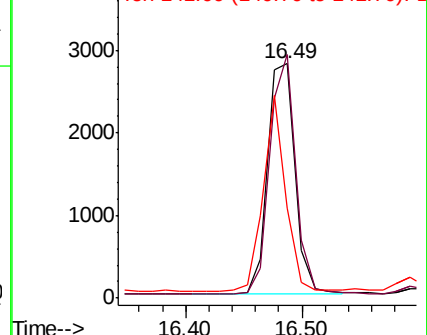
141 38.3 51.8 77.8#

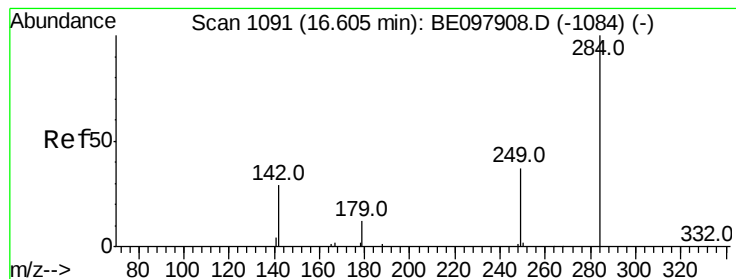


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.470 ng

RT: 16.60 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE097983.D

Acq: 18 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :

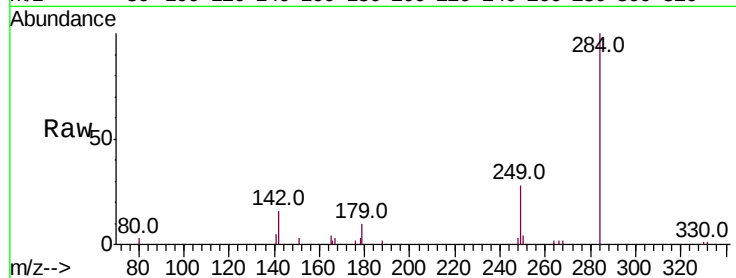
Tot Ion:284 Resp: 4743

Ion Ratio Lower Upper

284 100

142 32.0 25.9 38.9

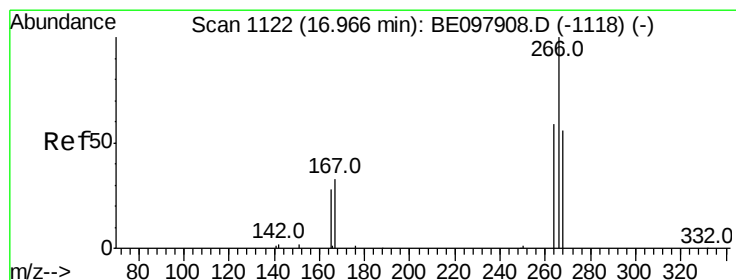
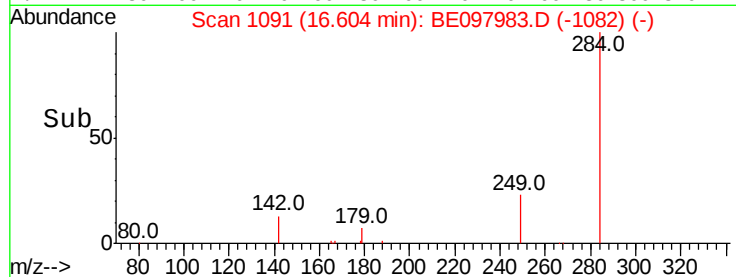
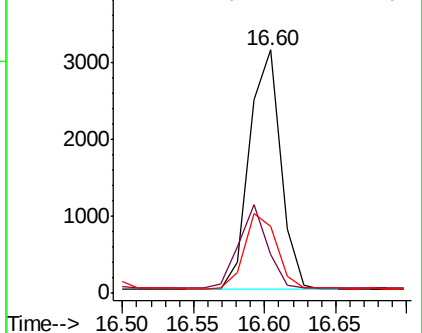
249 32.5 26.6 40.0



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: 0.699 ng

RT: 16.95 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE097983.D

Acq: 18 Oct 2018 18:36

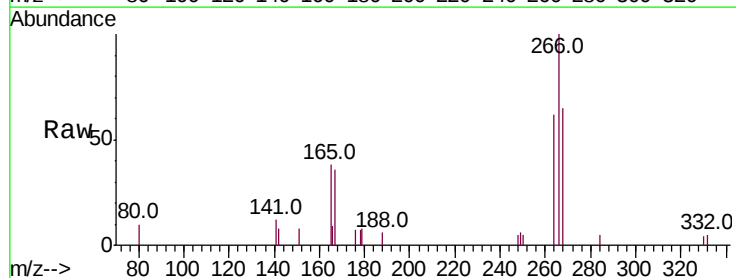
Tgt Ion:266 Resp: 1896

Ion Ratio Lower Upper

266 100

264 61.5 51.3 76.9

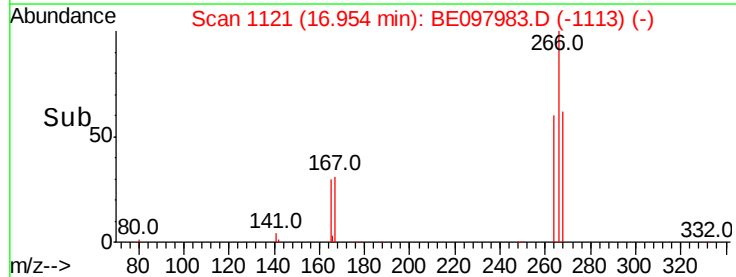
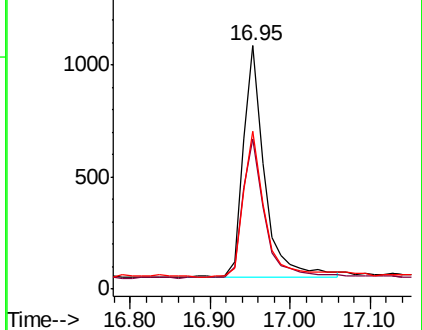
268 64.6 50.1 75.1

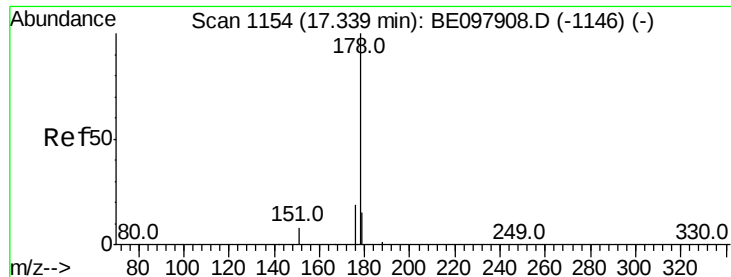


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.419 ng

RT: 17.34 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097983.D

Acq: 18 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :

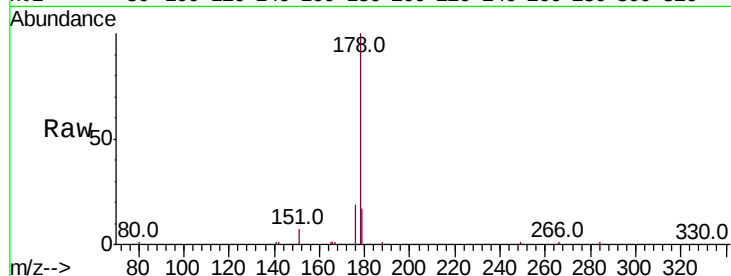
Tot Ion:178 Resp: 19975

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

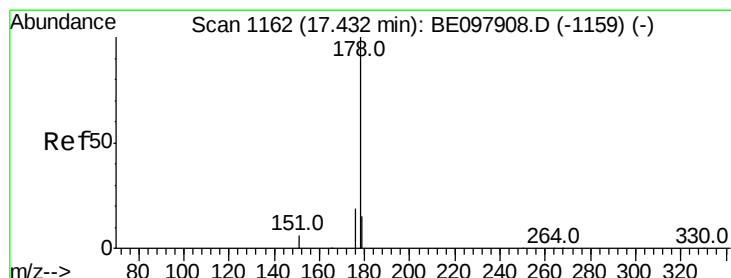
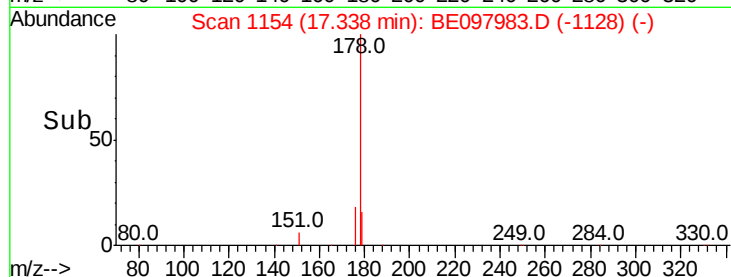
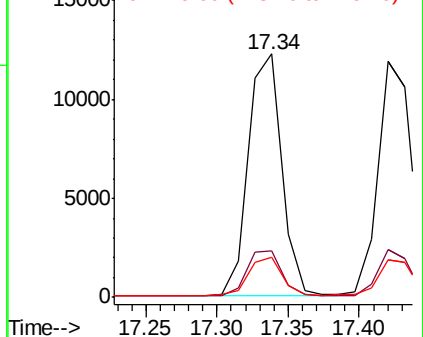
179 15.8 12.2 18.4



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: 0.429 ng

RT: 17.42 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BE097983.D

Acq: 18 Oct 2018 18:36

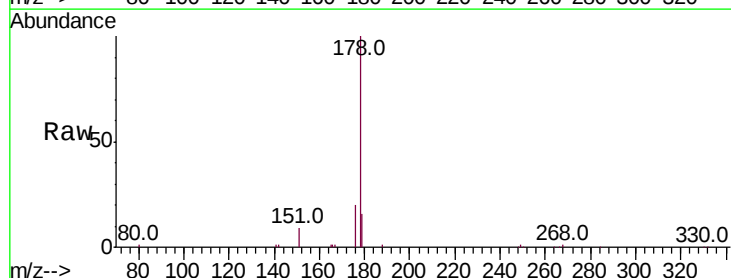
Tgt Ion:178 Resp: 19332

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

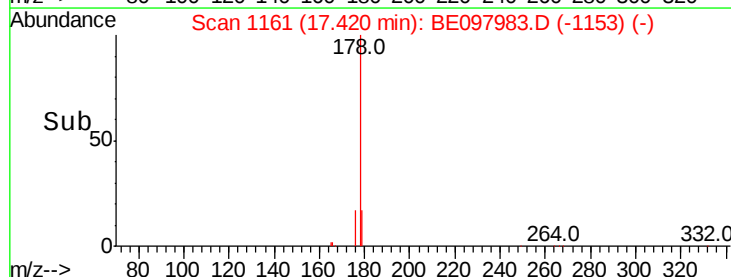
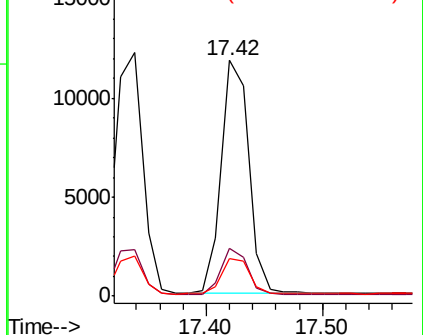
179 15.4 11.9 17.9

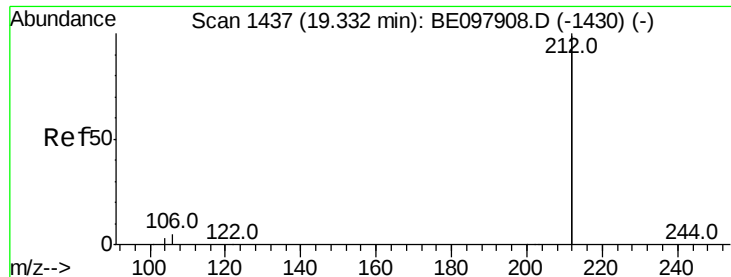


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.405 ng

RT: 19.32 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE097983.D

Acq: 18 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :

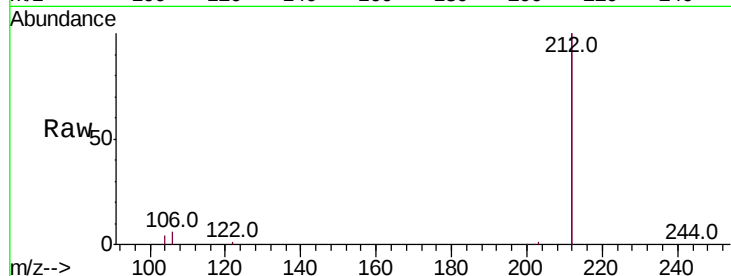
Tot Ion:212 Resp: 103097

Ion Ratio Lower Upper

212 100

106 2.6 2.3 3.5

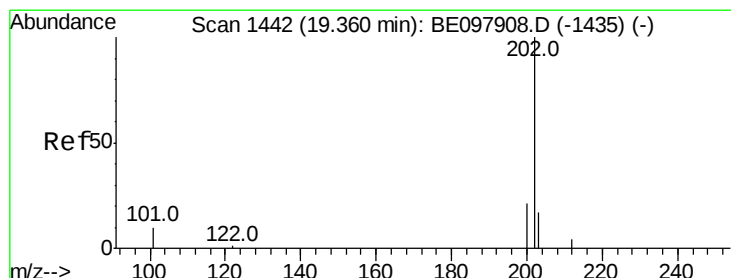
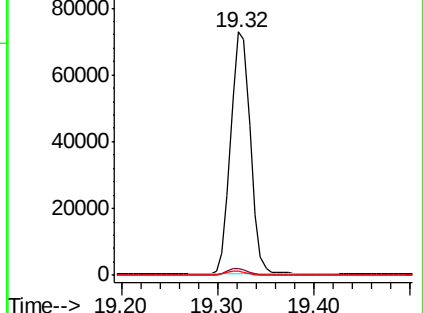
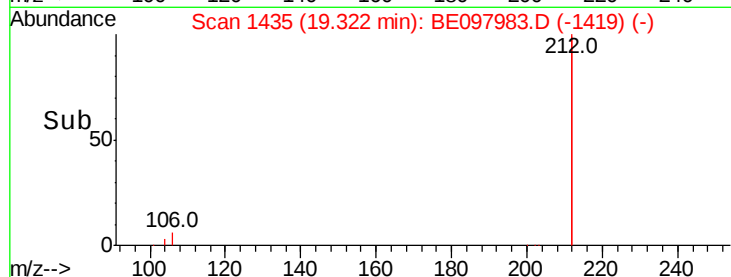
104 1.5 1.3 1.9



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: 0.402 ng

RT: 19.35 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BE097983.D

Acq: 18 Oct 2018 18:36

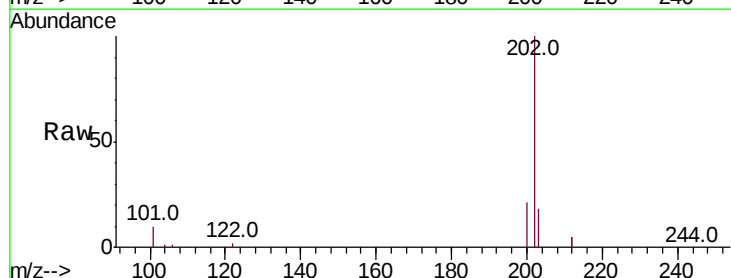
Tgt Ion:202 Resp: 25153

Ion Ratio Lower Upper

202 100

101 9.6 8.2 12.2

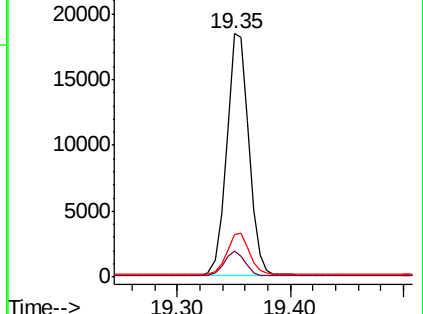
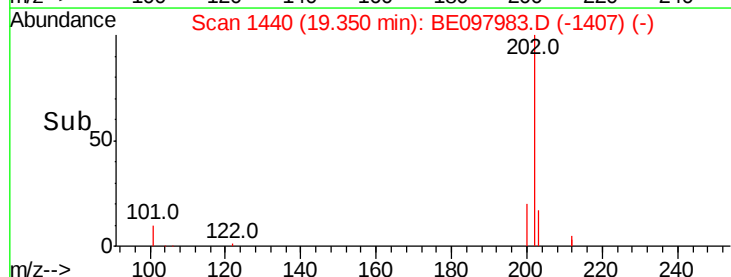
203 17.5 15.0 22.4

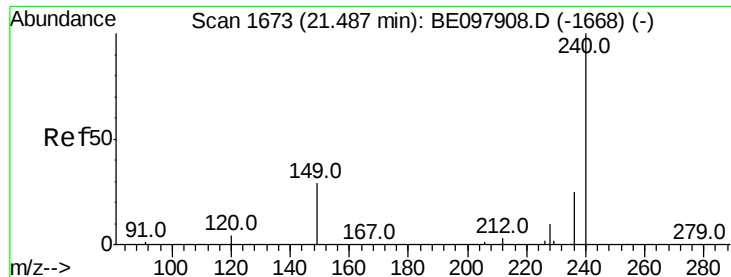


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE097983.D

Acq: 18 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :

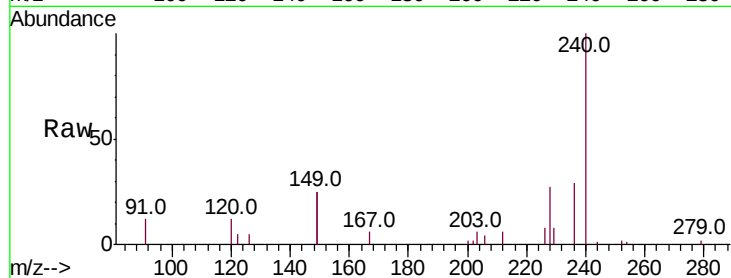
Tot Ion:240 Resp: 21140

Ion Ratio Lower Upper

240 100

120 12.5 7.1 10.7#

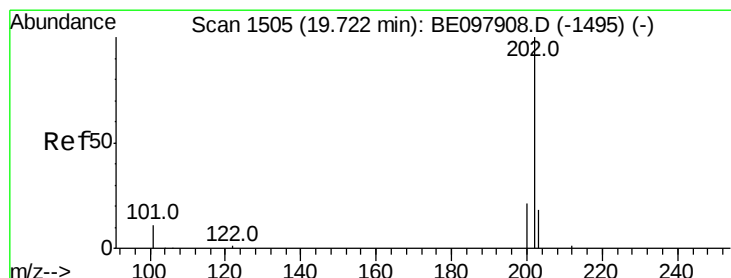
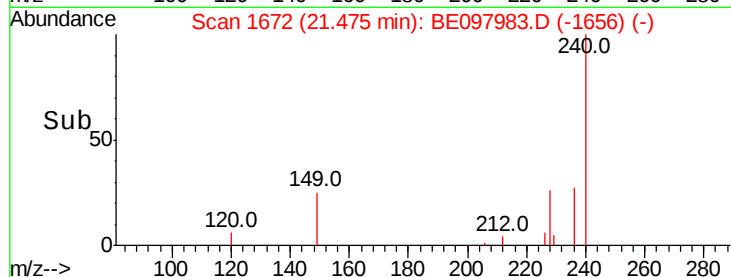
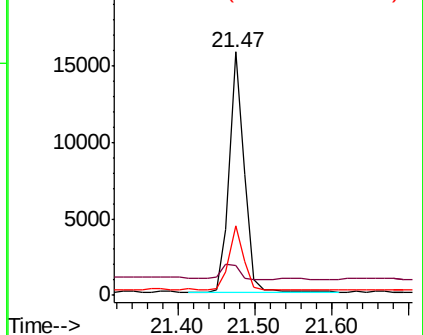
236 28.6 21.3 31.9



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: 0.439 ng

RT: 19.71 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BE097983.D

Acq: 18 Oct 2018 18:36

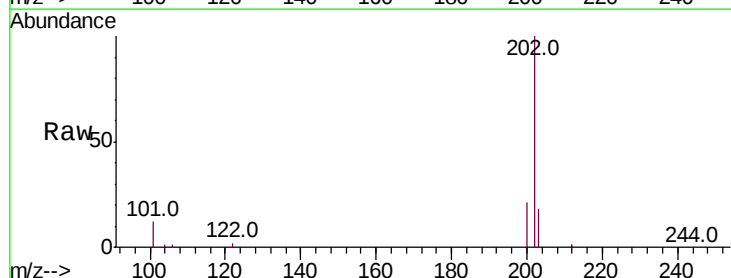
Tgt Ion:202 Resp: 26786

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

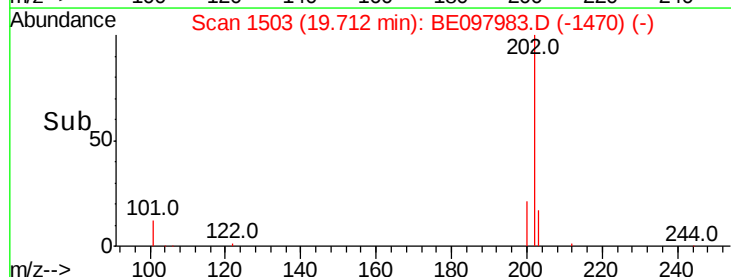
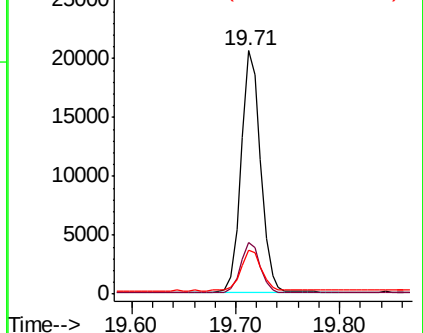
203 17.9 14.2 21.4

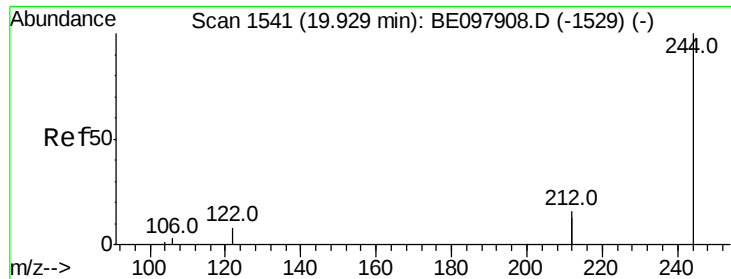


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.432 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BE097983.D

Acq: 18 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :

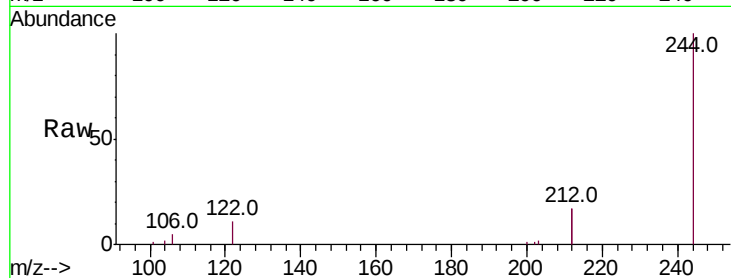
Tot Ion:244 Resp: 20940

Ion Ratio Lower Upper

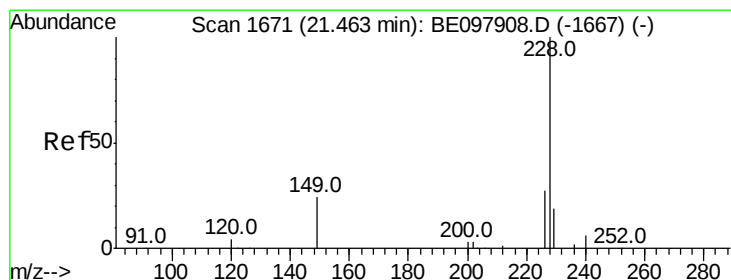
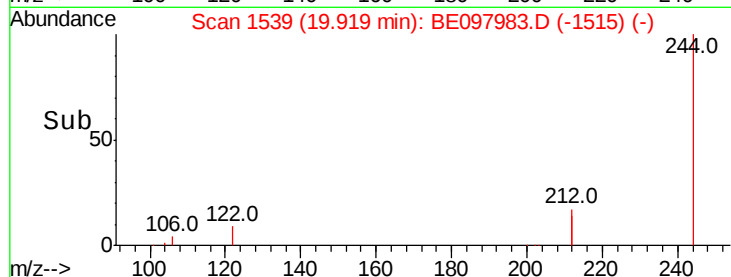
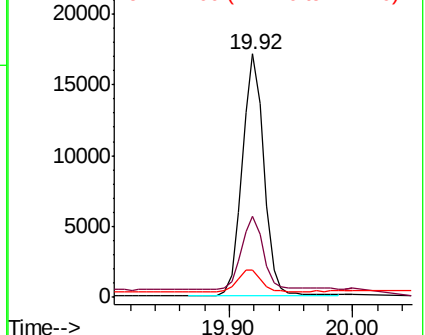
244 100

212 33.3 26.2 39.2

122 11.1 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: 0.414 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE097983.D

Acq: 18 Oct 2018 18:36

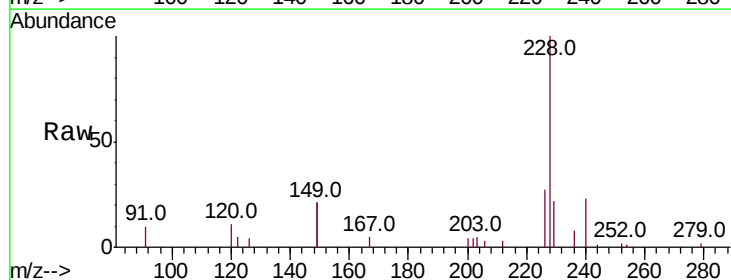
Tgt Ion:228 Resp: 26853

Ion Ratio Lower Upper

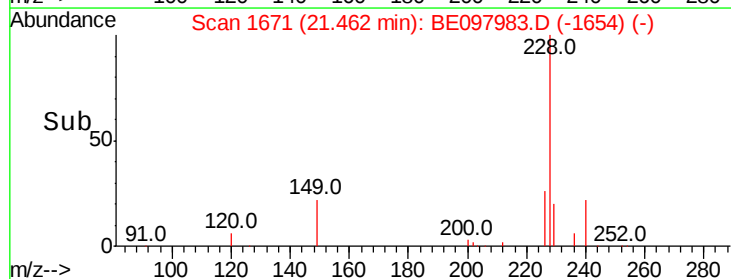
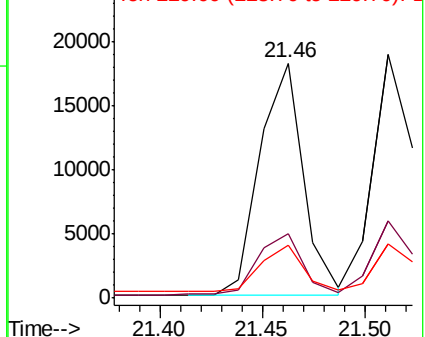
228 100

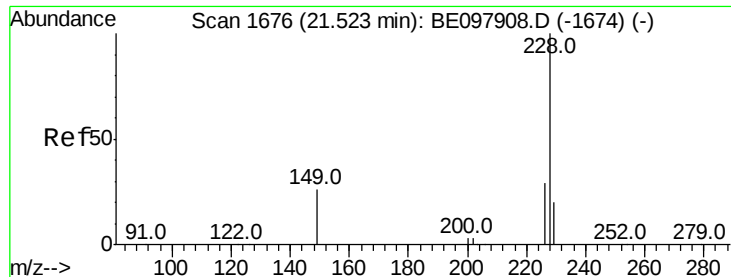
226 27.4 22.6 33.8

229 22.4 16.9 25.3



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





#31

Chrysene

Concen: 0.429 ng

RT: 21.51 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BE097983.D

Acq: 18 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :

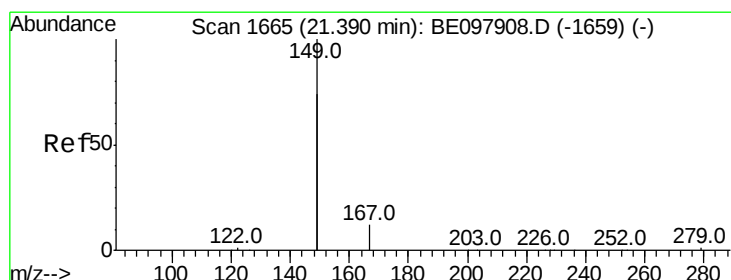
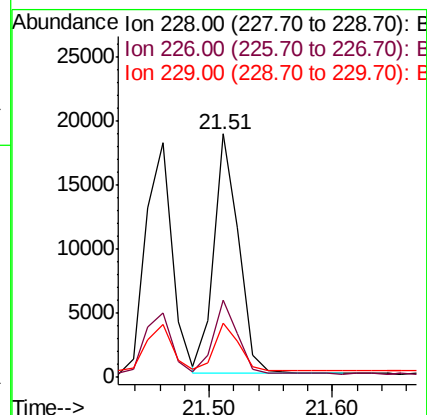
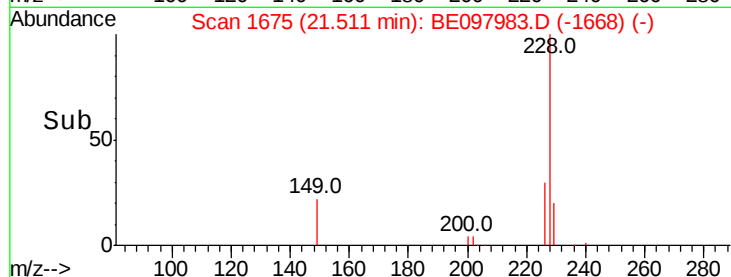
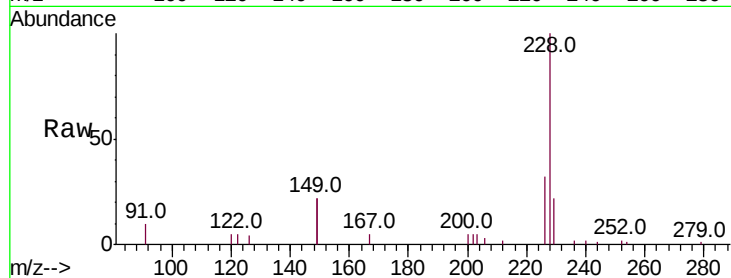
Tot Ion:228 Resp: 26354

Ion Ratio Lower Upper

228 100

226 31.6 24.3 36.5

229 22.1 17.3 25.9



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.508 ng

RT: 21.38 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BE097983.D

Acq: 18 Oct 2018 18:36

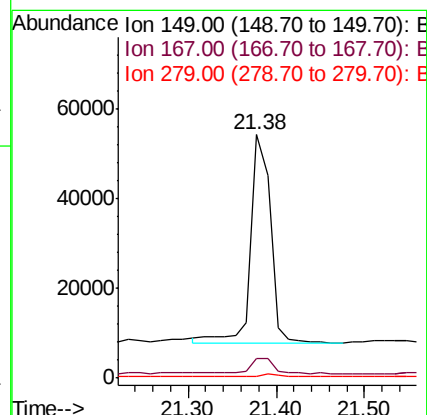
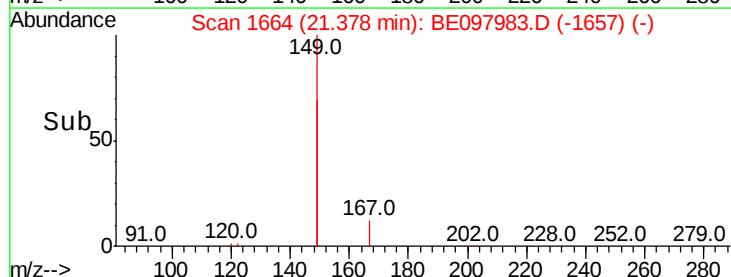
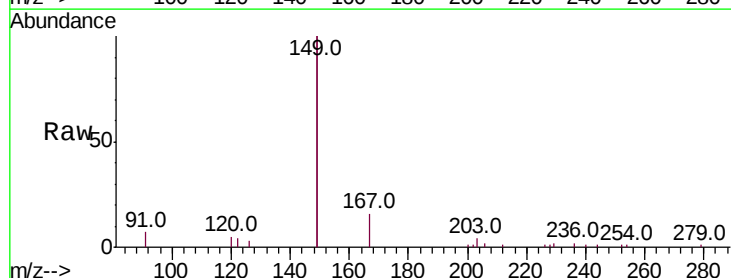
Tgt Ion:149 Resp: 72083

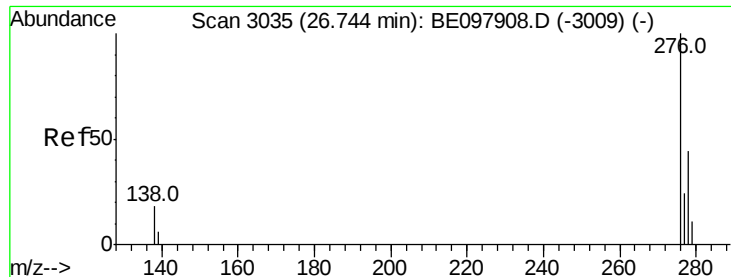
Ion Ratio Lower Upper

149 100

167 9.0 5.6 8.4#

279 1.3 0.9 1.3

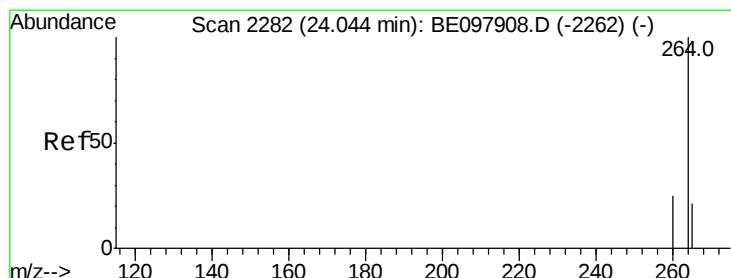
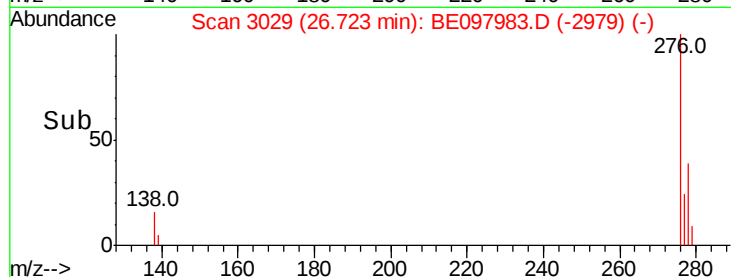
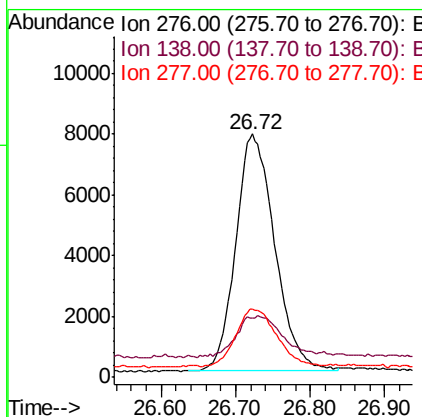
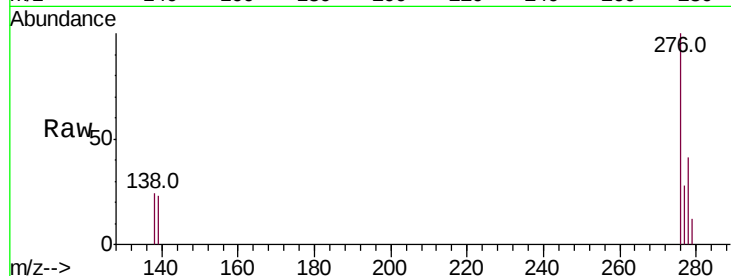




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.427 ng
 RT: 26.72 min Scan# 3029
 Delta R.T. -0.02 min
 Lab File: BE097983.D
 Acq: 18 Oct 2018 18:36

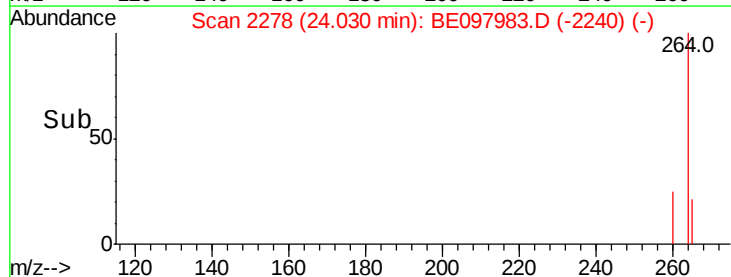
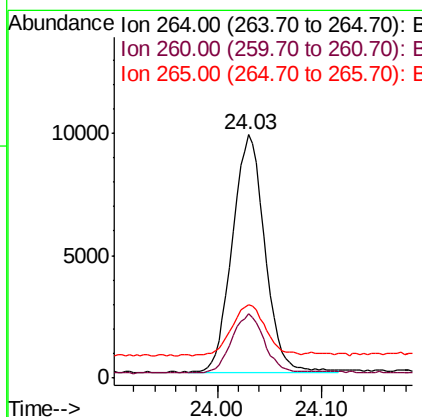
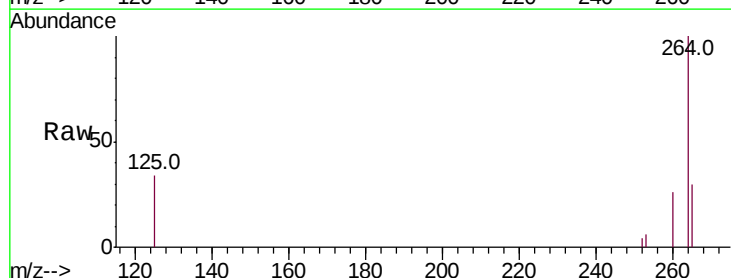
Instrument :
 BNA_E
 ClientSampleId :

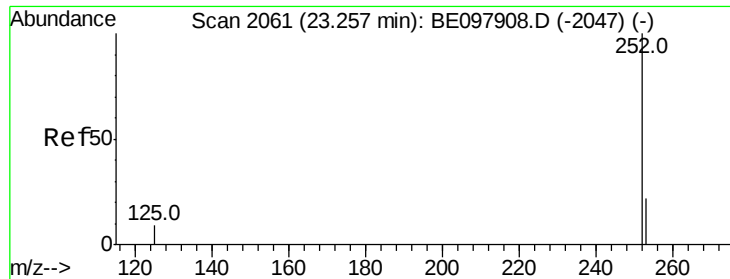
Tot Ion:276 Resp: 28417
 Ion Ratio Lower Upper
 276 100
 138 20.3 17.0 25.6
 277 25.1 20.5 30.7



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.03 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BE097983.D
 Acq: 18 Oct 2018 18:36

Tgt Ion:264 Resp: 20868
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.1 31.7
 265 30.3 29.2 43.8

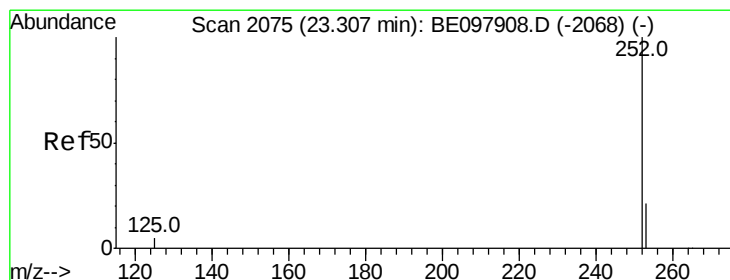
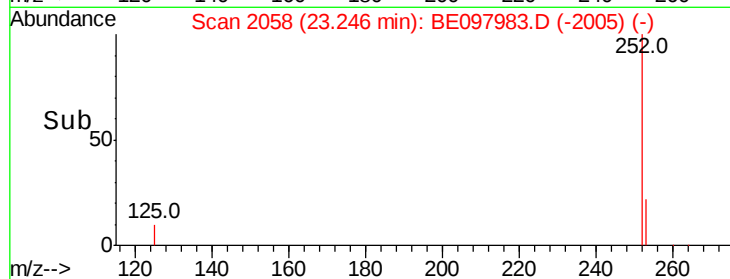
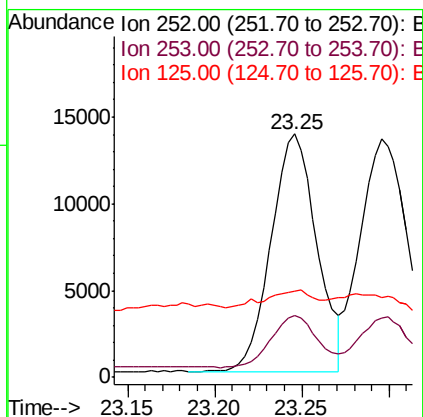
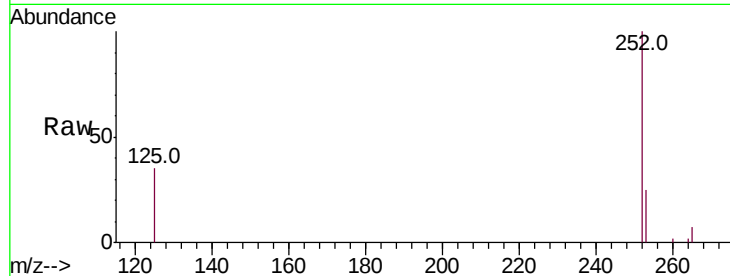




#35
Benzo(b)fluoranthene
Concen: 0.417 ng
RT: 23.25 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

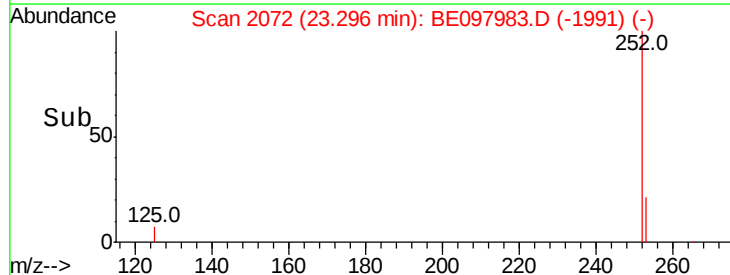
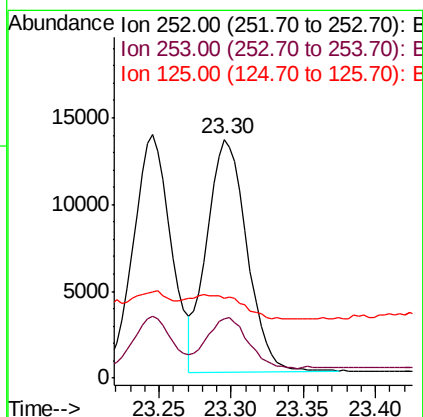
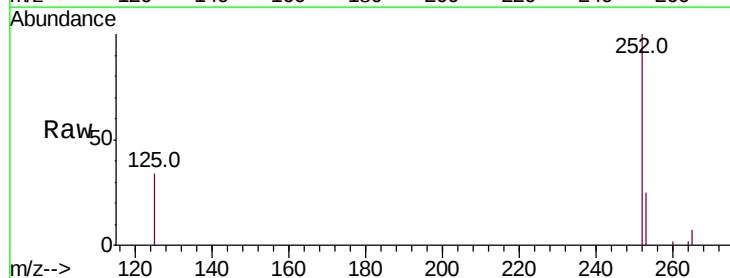
Instrument :
BNA_E
ClientSampleId :

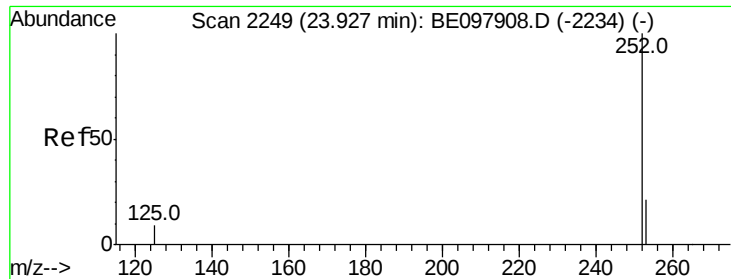
Tot Ion:252 Resp: 25058
Ion Ratio Lower Upper
252 100
253 25.4 20.6 31.0
125 35.2 14.3 21.5#



#36
Benzo(k)fluoranthene
Concen: 0.412 ng
RT: 23.30 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Tgt Ion:252 Resp: 25773
Ion Ratio Lower Upper
252 100
253 24.9 20.4 30.6
125 33.6 14.6 21.8#





#37

Benzo(a)pyrene

Concen: 0.416 ng

RT: 23.91 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BE097983.D

Acq: 18 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :

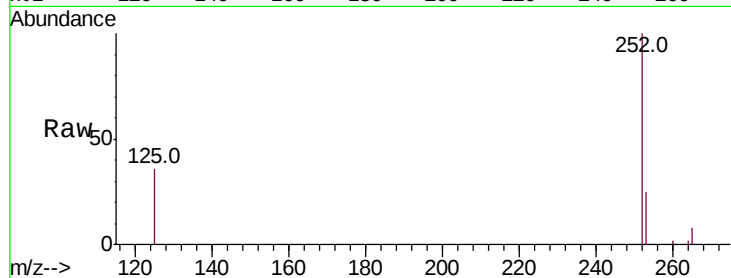
Tot Ion:252 Resp: 24371

Ion Ratio Lower Upper

252 100

253 24.5 20.6 31.0

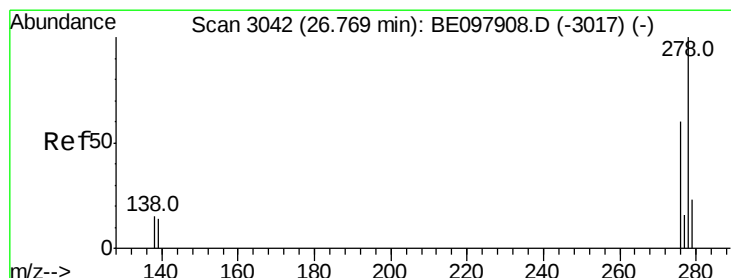
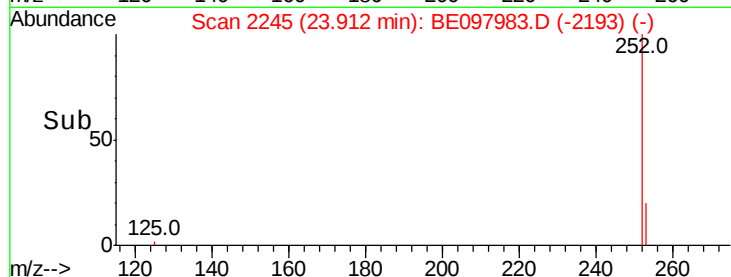
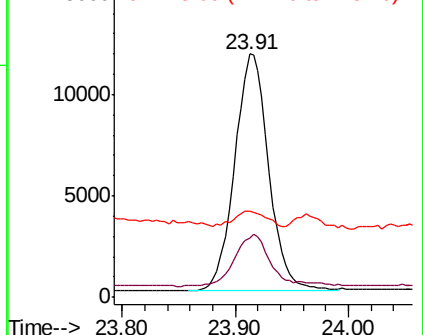
125 35.5 15.6 23.4#



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: 0.415 ng

RT: 26.75 min Scan# 3037

Delta R.T. -0.02 min

Lab File: BE097983.D

Acq: 18 Oct 2018 18:36

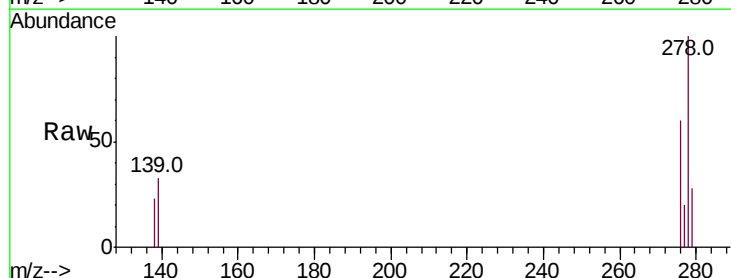
Tgt Ion:278 Resp: 23778

Ion Ratio Lower Upper

278 100

139 32.9 16.3 24.5#

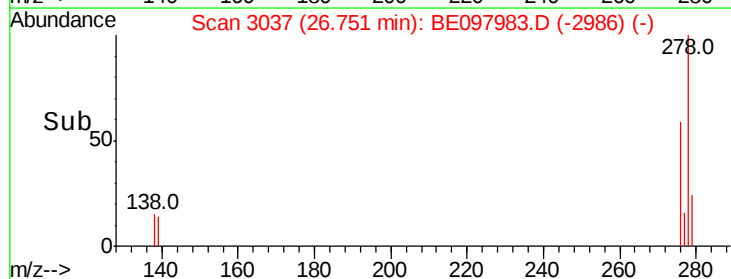
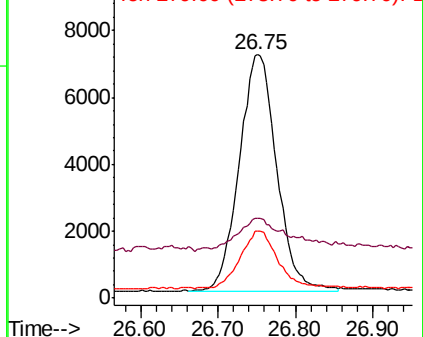
279 27.8 21.4 32.2

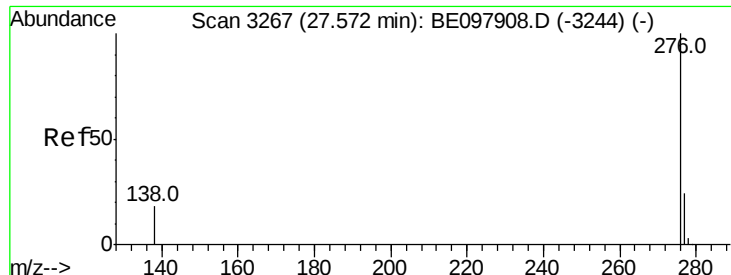


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.404 ng

RT: 27.55 min Scan# 3261

Delta R.T. -0.02 min

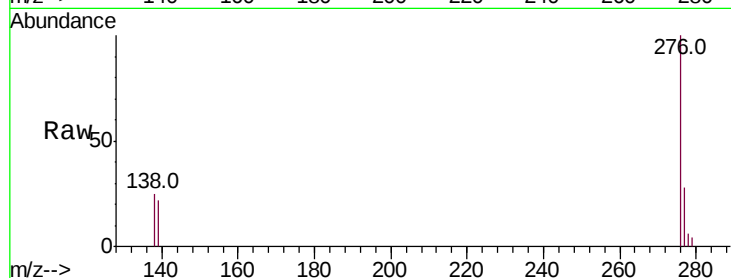
Lab File: BE097983.D

Acq: 18 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 23705

Ion Ratio Lower Upper

276 100

277 27.8 22.1 33.1

138 25.3 19.3 28.9

