

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101818\
 Data File : BE097971.D
 Acq On : 18 Oct 2018 11:14
 Operator : SJ/JU
 Sample : J5317-04MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 19 01:06:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 15:36:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2043	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	9059	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	5969	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	17091	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	20847	0.40	ng	-0.01
34) Perylene-d12	24.03	264	20639	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	1259	0.20	ng	0.00
5) Phenol-d6	7.06	99	1137	0.12	ng	0.00
8) Nitrobenzene-d5	9.04	82	3444	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	8657	0.57	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	1349	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	11268	0.46	ng	0.00
25) Fluoranthene-d10	19.33	212	93655	0.40	ng	0.00
29) Terphenyl-d14	19.92	244	24325	0.51	ng	0.00

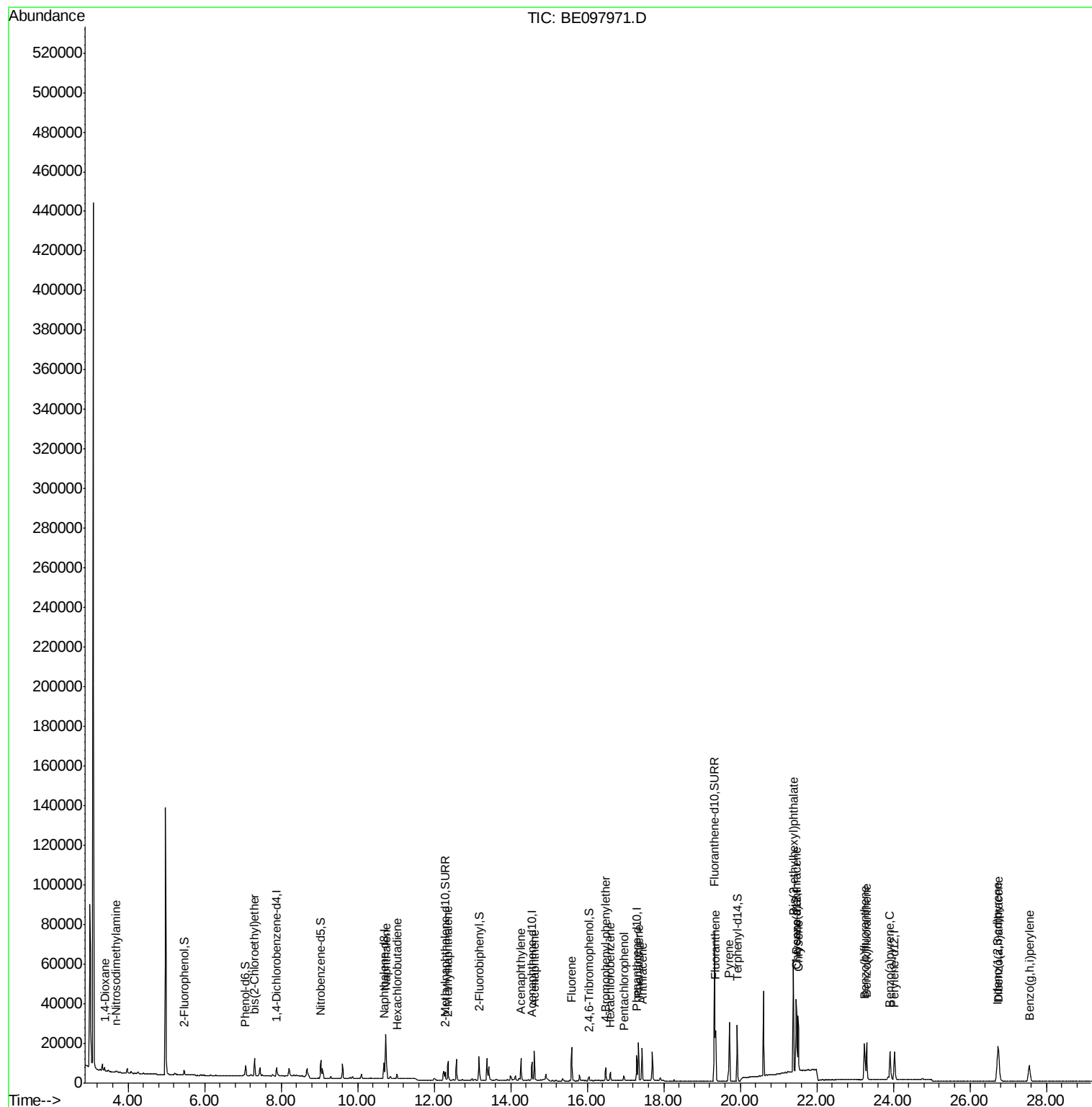
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	1228	0.345	ng	# 72
3) n-Nitrosodimethylamine	3.68	42	656	0.165	ng	# 86
6) bis(2-Chloroethyl)ether	7.30	93	2966	0.367	ng	96
9) Naphthalene	10.74	128	39836	0.442	ng	100
10) Hexachlorobutadiene	11.03	225	1778	0.366	ng	94
12) 2-Methylnaphthalene	12.37	142	7170	0.464	ng	99
16) Acenaphthylene	14.27	152	11769	0.427	ng	98
17) Acenaphthene	14.62	154	6880	0.408	ng	99
18) Fluorene	15.59	166	10285	0.444	ng	99
20) 4-Bromophenyl-phenylether	16.49	248	3737	0.400	ng	# 91
21) Hexachlorobenzene	16.60	284	3612	0.393	ng	98
22) Pentachlorophenol	16.95	266	1679	0.684	ng	96
23) Phenanthrene	17.34	178	19152	0.441	ng	100
24) Anthracene	17.43	178	18311	0.446	ng	99
26) Fluoranthene	19.35	202	25016	0.439	ng	98
28) Pyrene	19.72	202	25970	0.432	ng	100
30) Benzo(a)anthracene	21.46	228	27752	0.434	ng	97
31) Chrysene	21.51	228	26653	0.440	ng	97
32) Bis(2-ethylhexyl)phthalate	21.39	149	67670	0.476	ng	100
33) Indeno(1,2,3-cd)pyrene	26.72	276	27761	0.422	ng	99
35) Benzo(b)fluoranthene	23.25	252	26678	0.449	ng	# 91
36) Benzo(k)fluoranthene	23.30	252	26242	0.424	ng	# 92
37) Benzo(a)pyrene	23.91	252	24173	0.418	ng	# 93
38) Dibenzo(a,h)anthracene	26.75	278	23618	0.417	ng	# 94
39) Benzo(g,h,i)perylene	27.55	276	19991	0.344	ng	94

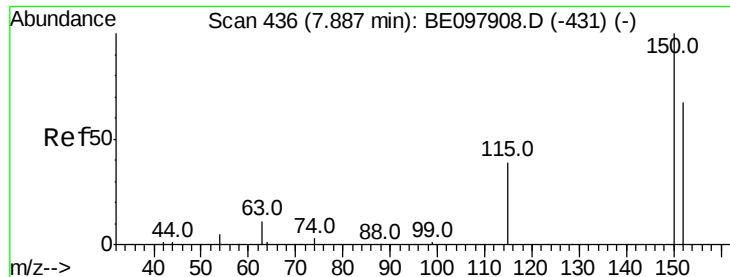
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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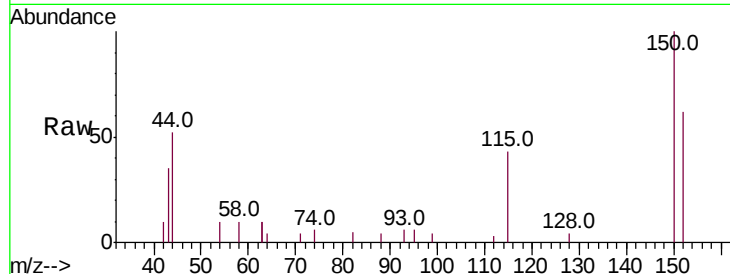


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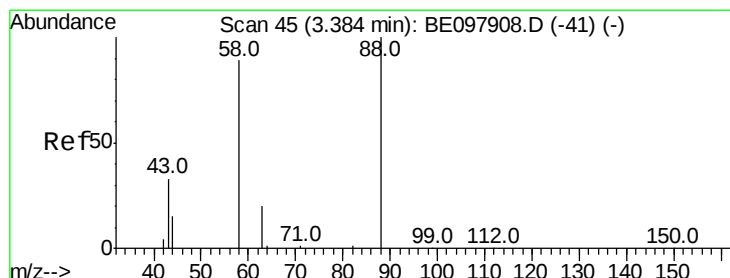
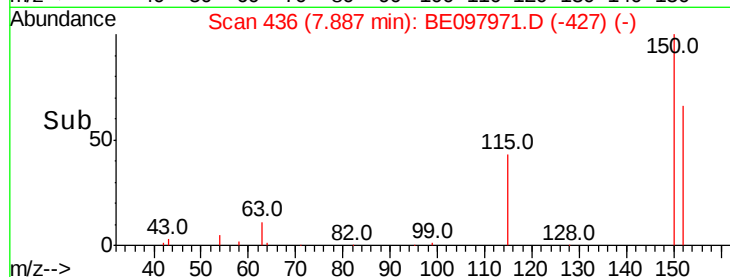
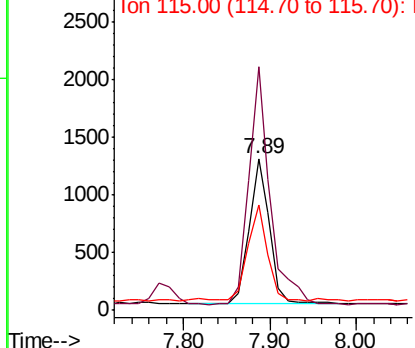
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. 0.00 min
Lab File: BE097971.D
Acq: 18 Oct 2018 11:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2043
Ion Ratio Lower Upper
152 100
150 160.7 118.2 177.4
115 69.4 50.9 76.3



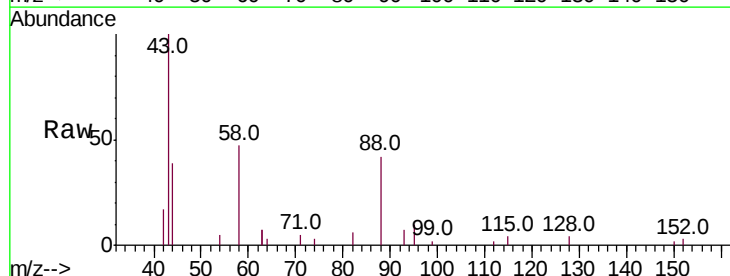
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



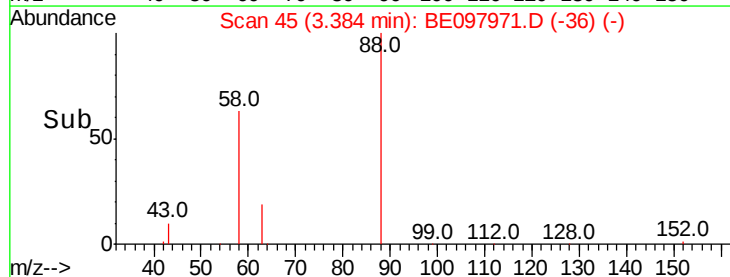
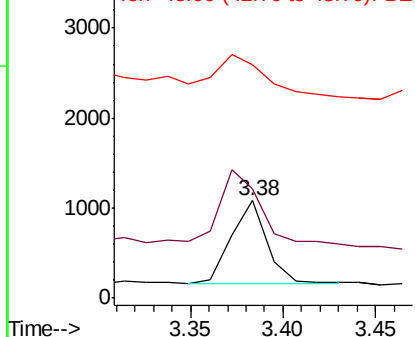
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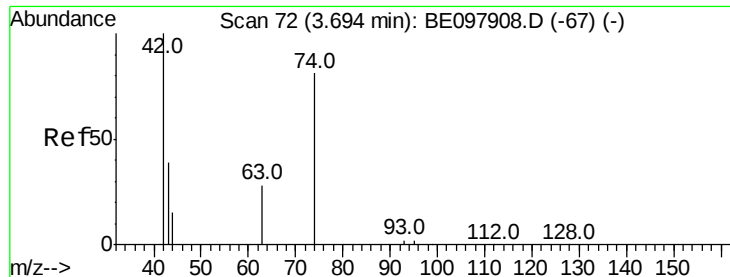
1,4-Dioxane
Concen: 0.345 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097971.D
Acq: 18 Oct 2018 11:14

Tgt Ion: 88 Resp: 1228
Ion Ratio Lower Upper
88 100
58 108.0 73.2 109.8
43 78.4 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



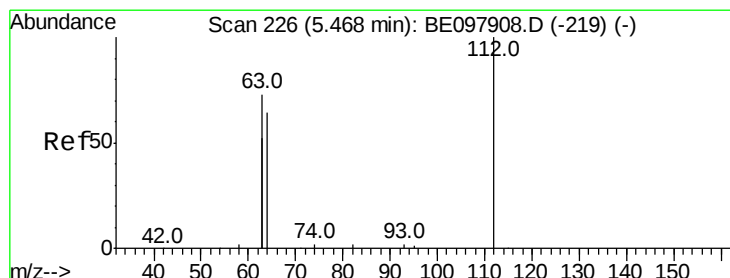
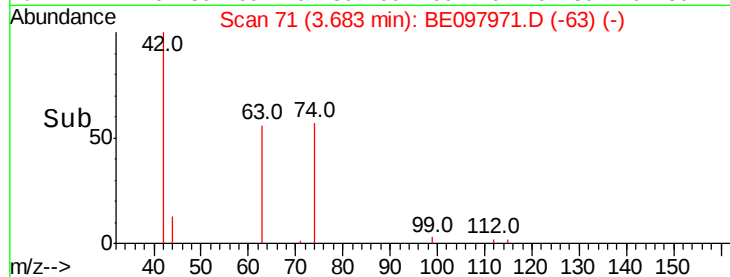
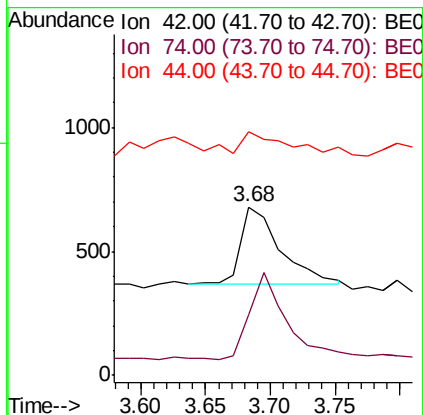
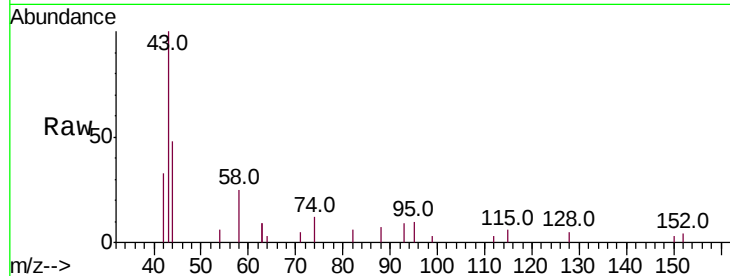


#3

n-Nitrosodimethylamine
 Concen: 0.165 ng
 RT: 3.68 min Scan# 71
 Delta R.T. -0.01 min
 Lab File: BE097971.D
 Acq: 18 Oct 2018 11:14

Instrument :
 BNA_E
 ClientSampleId :

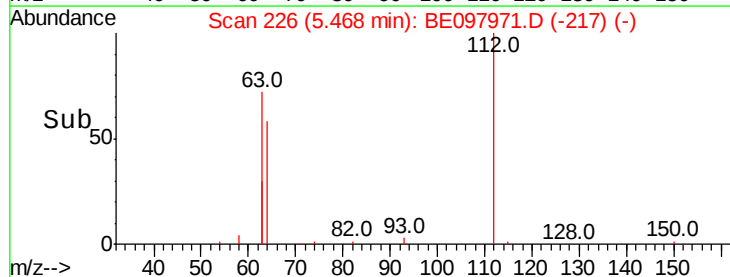
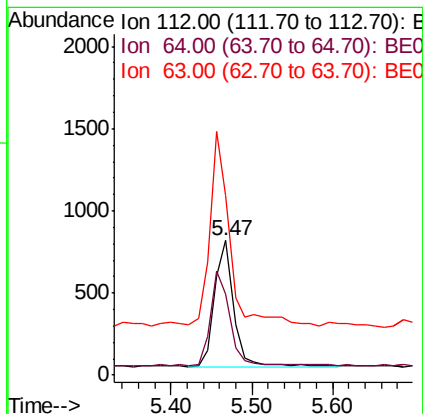
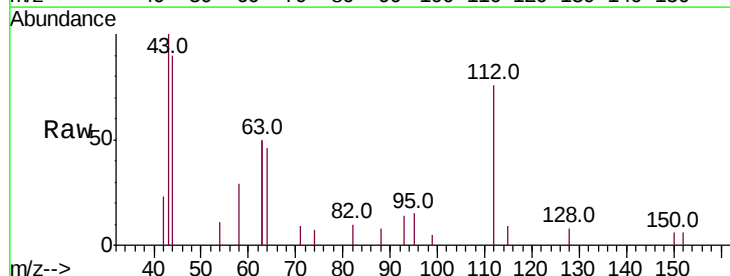
Tot Ion: 42 Resp: 656
 Ion Ratio Lower Upper
 42 100
 74 106.9 77.6 116.4
 44 27.4 7.6 11.4#

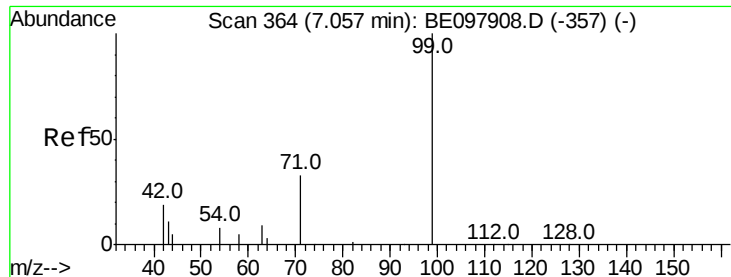


#4

2-Fluorophenol
 Concen: 0.195 ng
 RT: 5.47 min Scan# 226
 Delta R.T. 0.00 min
 Lab File: BE097971.D
 Acq: 18 Oct 2018 11:14

Tgt Ion: 112 Resp: 1259
 Ion Ratio Lower Upper
 112 100
 64 75.8 58.9 88.3
 63 159.3 120.3 180.5





#5

Phenol-d6

Concen: 0.119 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.00 min

Lab File: BE097971.D

Acq: 18 Oct 2018 11:14

Instrument :

BNA_E

ClientSampleId :

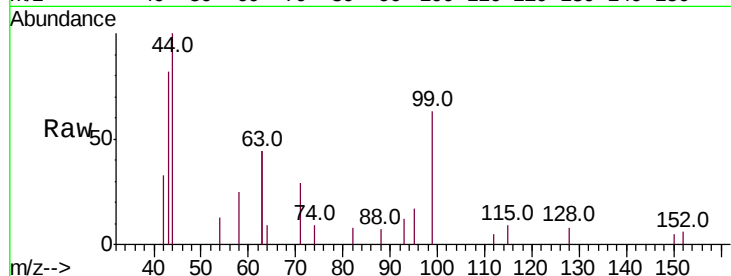
Tot Ion: 99 Resp: 1137

Ion Ratio Lower Upper

99 100

42 55.4 19.9 29.9#

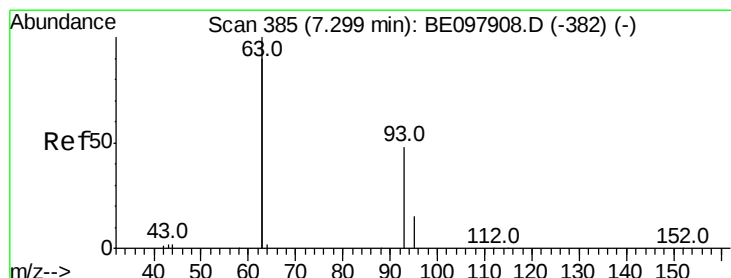
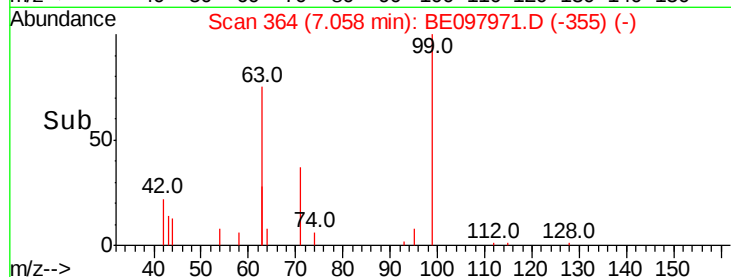
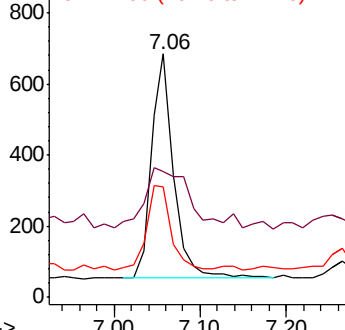
71 40.6 27.8 41.8



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: 0.367 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE097971.D

Acq: 18 Oct 2018 11:14

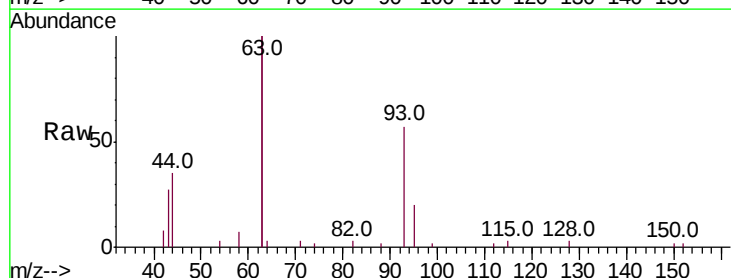
Tgt Ion: 93 Resp: 2966

Ion Ratio Lower Upper

93 100

63 331.9 259.0 388.4

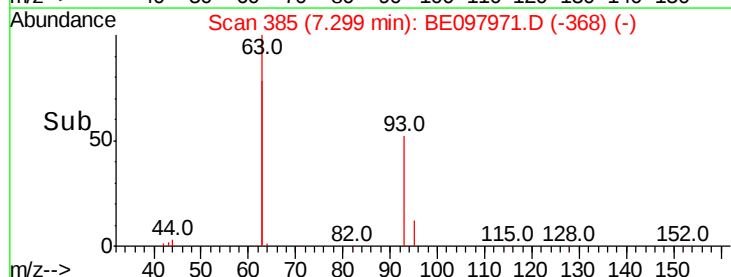
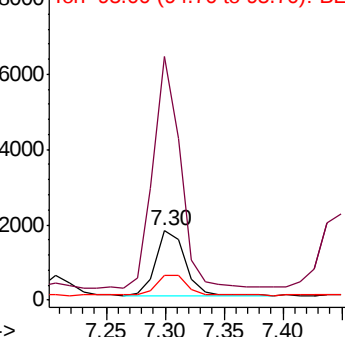
95 33.6 27.8 41.8

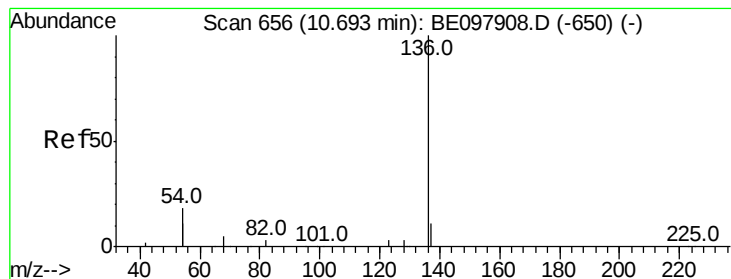


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE097971.D

Acq: 18 Oct 2018 11:14

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 9059

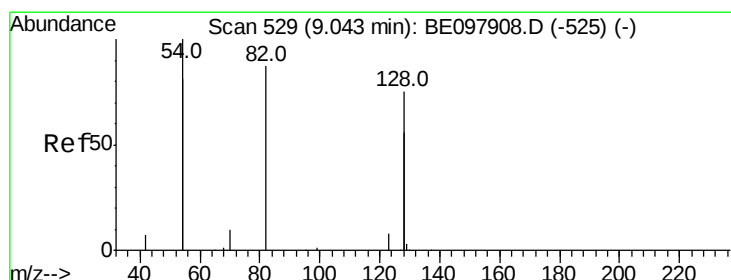
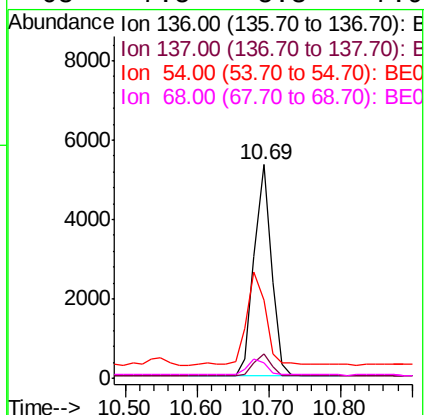
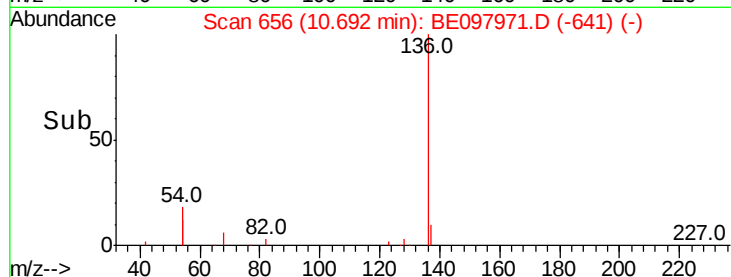
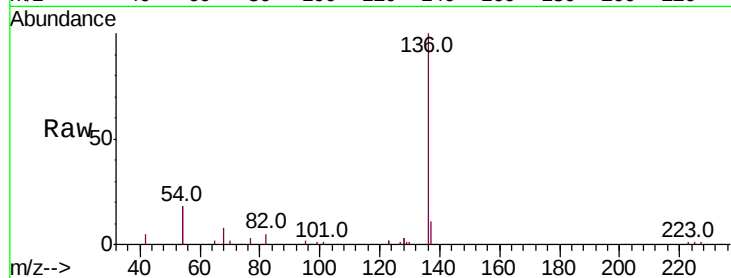
Ion Ratio Lower Upper

136 100

137 11.1 9.6 14.4

54 36.4 27.7 41.5

68 7.5 5.3 7.9



#8

Nitrobenzene-d5

Concen: 0.401 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097971.D

Acq: 18 Oct 2018 11:14

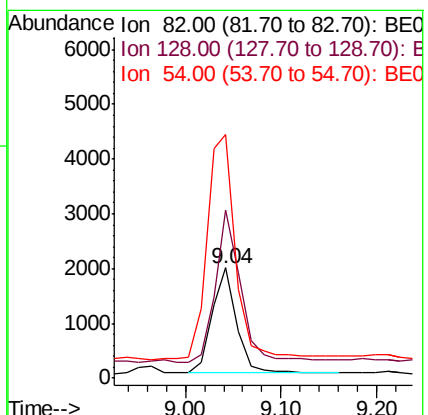
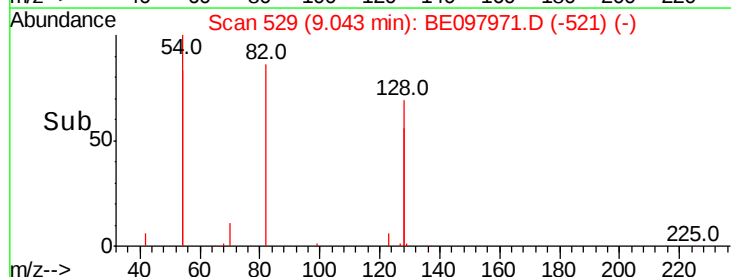
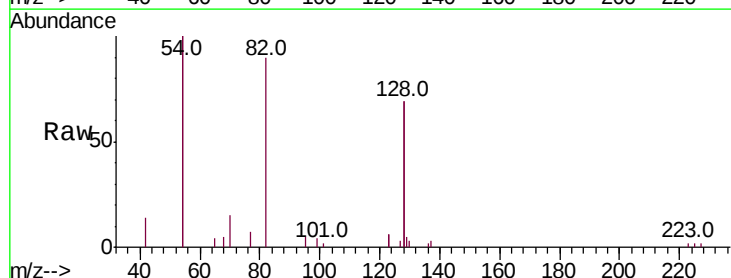
Tgt Ion: 82 Resp: 3444

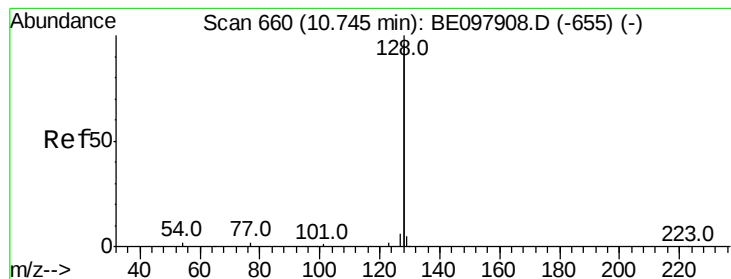
Ion Ratio Lower Upper

82 100

128 153.4 129.9 194.9

54 221.4 174.0 261.0





#9

Naphthalene

Concen: 0.442 ng

RT: 10.74 min Scan# 660

Delta R.T. -0.00 min

Lab File: BE097971.D

Acq: 18 Oct 2018 11:14

Instrument :

BNA_E

ClientSampled :

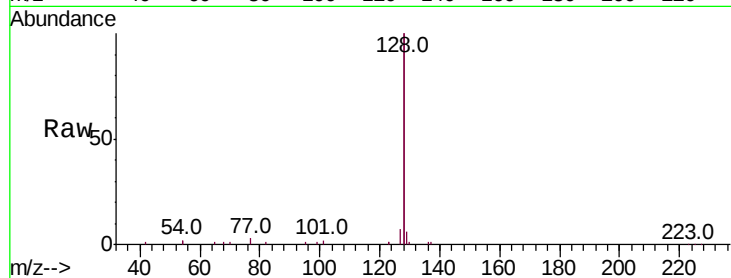
Tot Ion:128 Resp: 39836

Ion Ratio Lower Upper

128 100

129 3.0 2.5 3.7

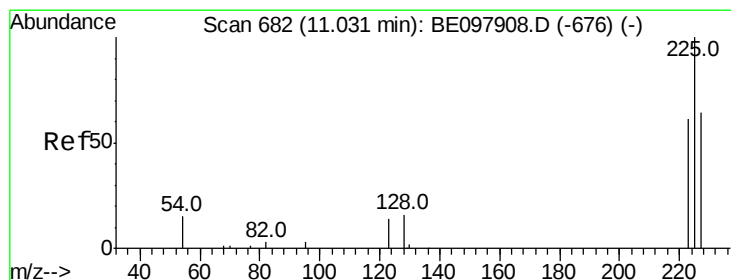
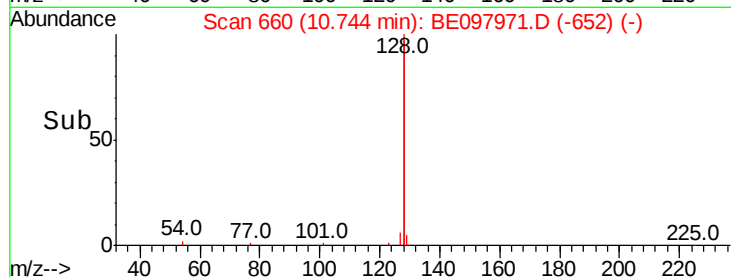
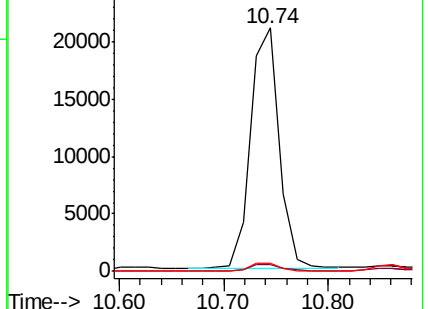
127 3.4 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.366 ng

RT: 11.03 min Scan# 682

Delta R.T. -0.00 min

Lab File: BE097971.D

Acq: 18 Oct 2018 11:14

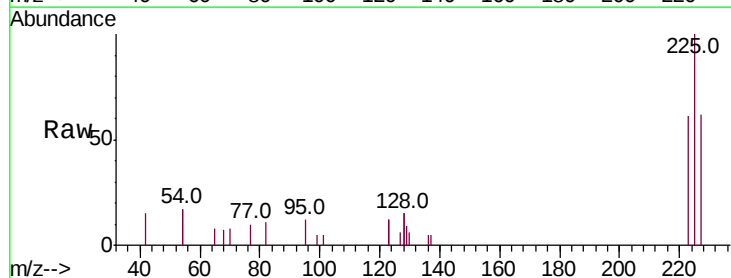
Tgt Ion:225 Resp: 1778

Ion Ratio Lower Upper

225 100

223 59.7 51.8 77.8

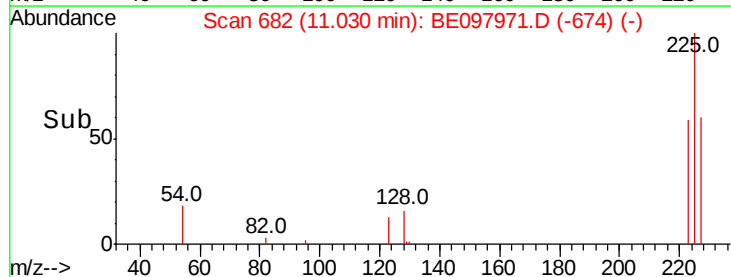
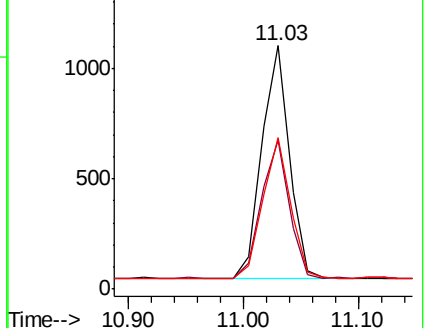
227 61.1 53.0 79.6

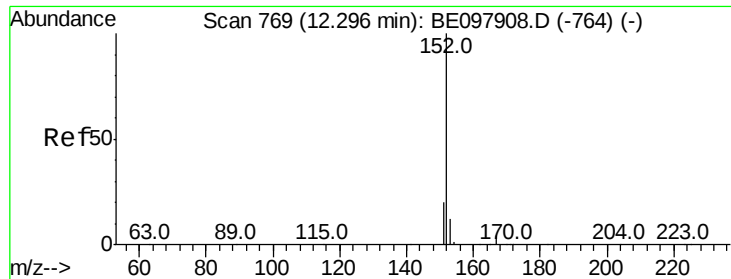


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

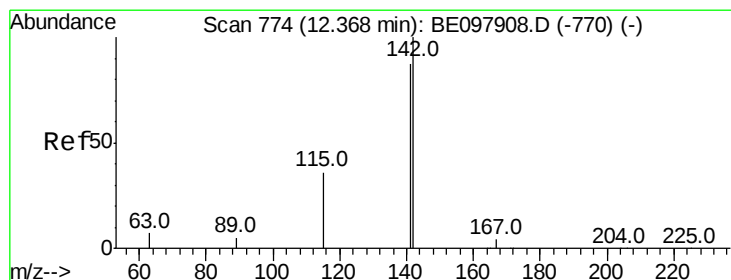
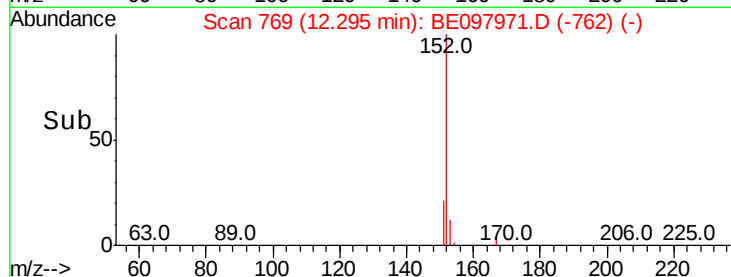
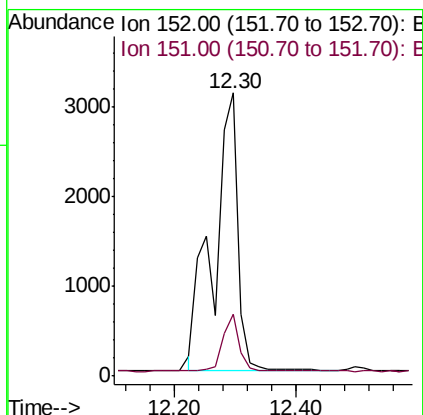
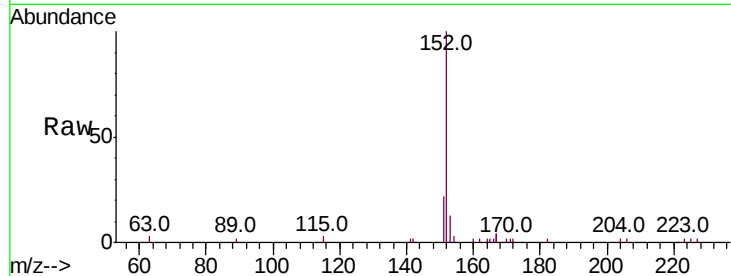




#11
2-Methylnaphthalene-d10
Concen: 0.574 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE097971.D
Acq: 18 Oct 2018 11:14

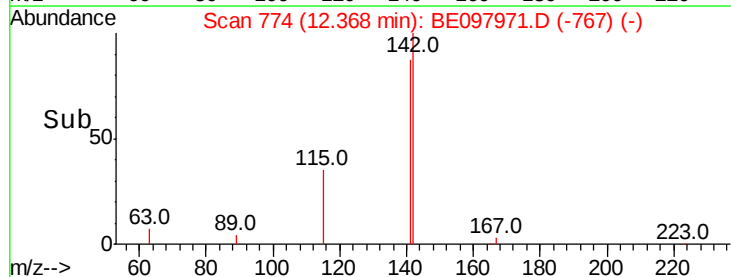
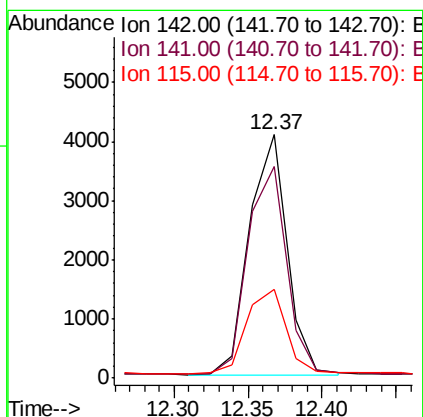
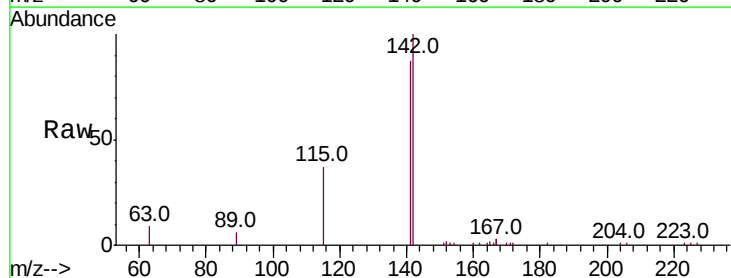
Instrument :
BNA_E
ClientSampleId :

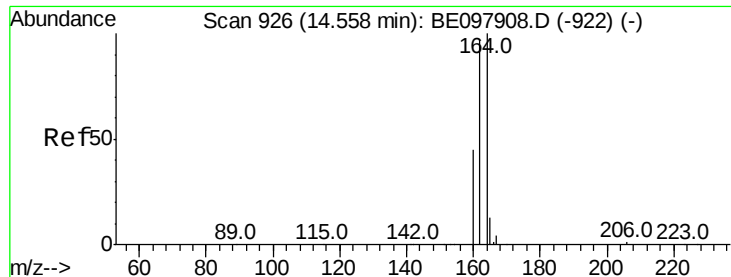
Tot Ion:152 Resp: 8657
Ion Ratio Lower Upper
152 100
151 13.9 16.2 24.4#



#12
2-Methylnaphthalene
Concen: 0.464 ng
RT: 12.37 min Scan# 774
Delta R.T. -0.00 min
Lab File: BE097971.D
Acq: 18 Oct 2018 11:14

Tgt Ion:142 Resp: 7170
Ion Ratio Lower Upper
142 100
141 87.1 69.8 104.6
115 36.6 30.5 45.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE097971.D

Acq: 18 Oct 2018 11:14

Instrument :

BNA_E

ClientSampleId :

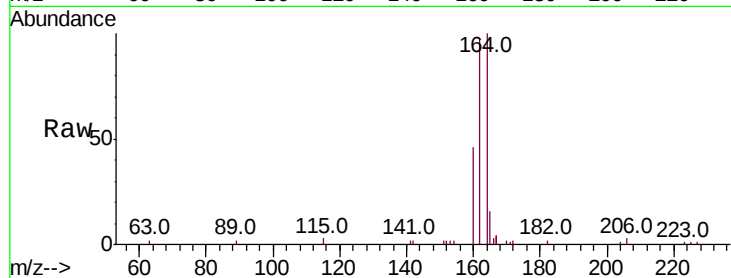
Tot Ion:164 Resp: 5969

Ion Ratio Lower Upper

164 100

162 97.2 77.4 116.2

160 45.6 36.5 54.7

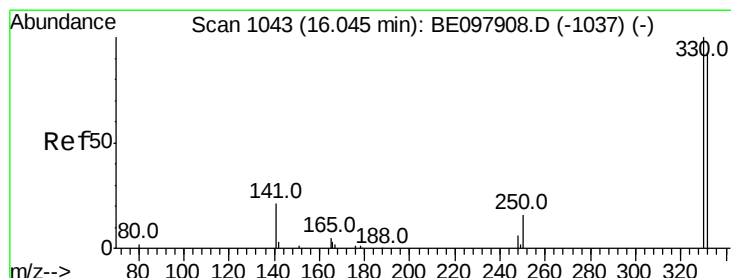
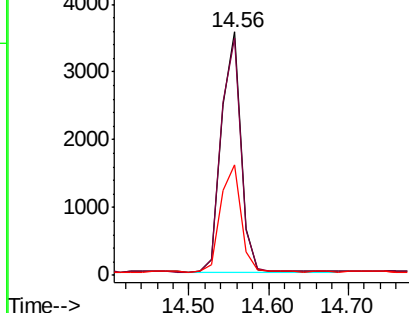
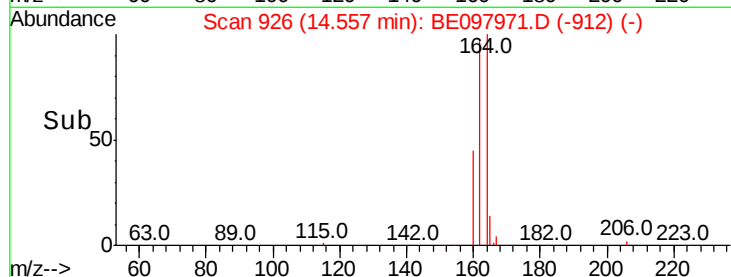


Abundance

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: 0.420 ng

RT: 16.04 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BE097971.D

Acq: 18 Oct 2018 11:14

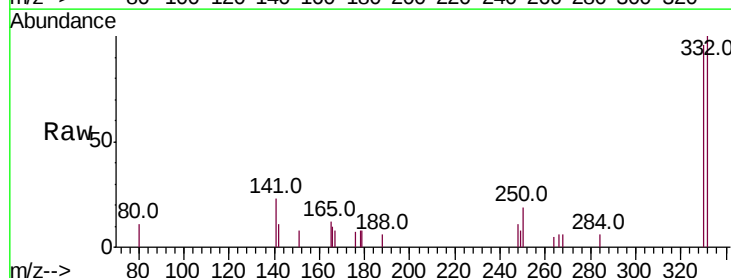
Tgt Ion:330 Resp: 1349

Ion Ratio Lower Upper

330 100

332 97.7 76.5 114.7

141 36.1 31.8 47.6

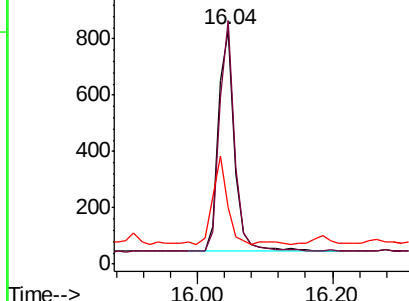
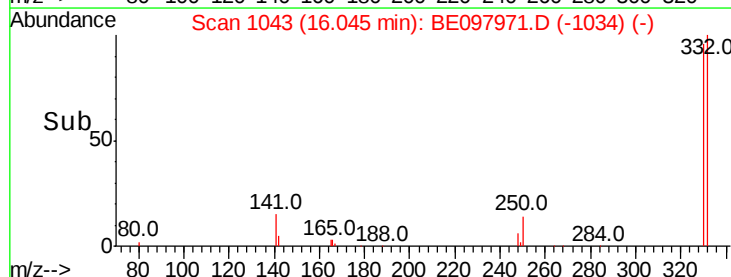


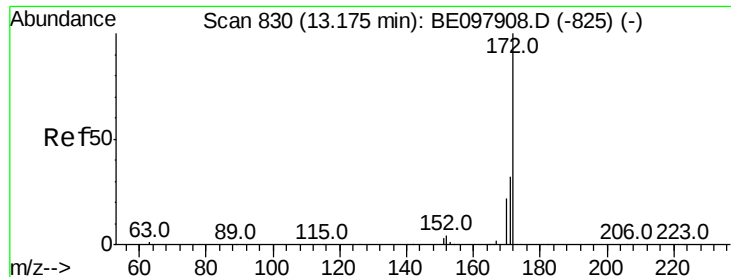
Abundance

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

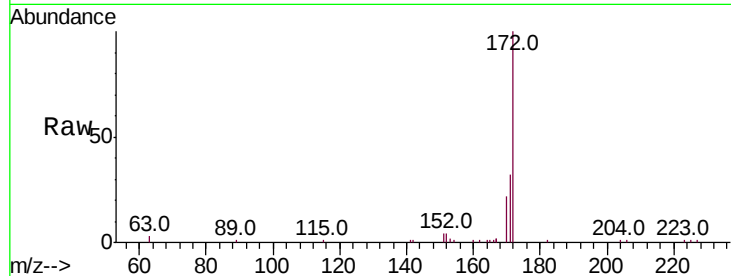




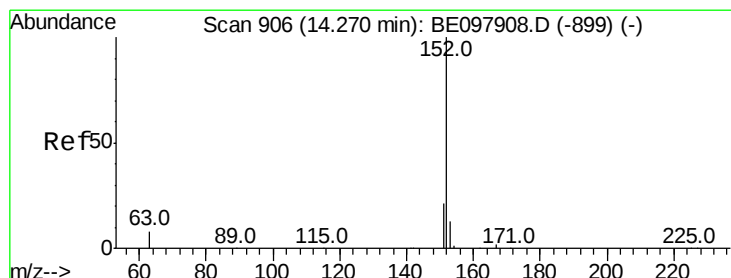
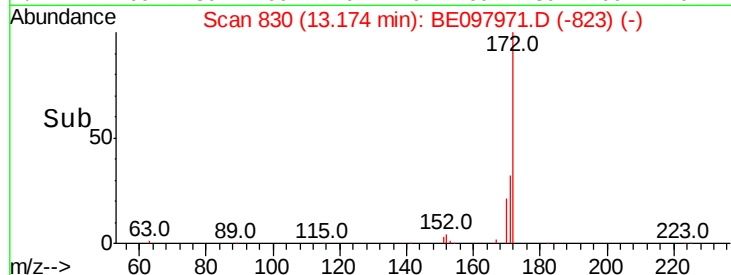
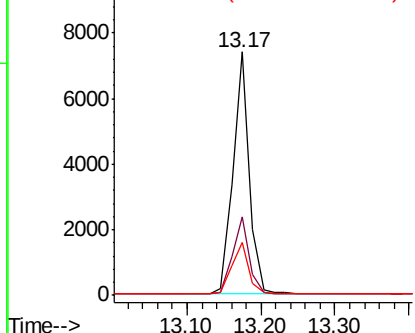
#15
2-Fluorobiphenyl
Concen: 0.462 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE097971.D
Acq: 18 Oct 2018 11:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 11268
Ion Ratio Lower Upper
172 100
171 32.2 26.0 39.0
170 22.0 18.0 27.0

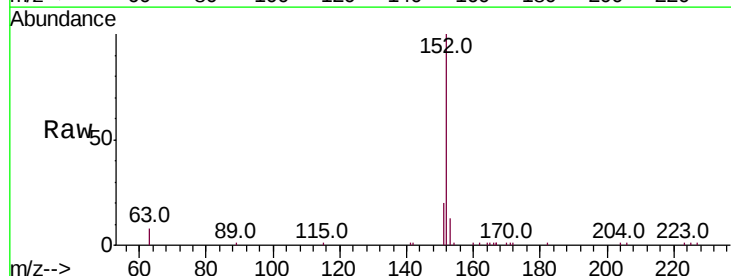


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

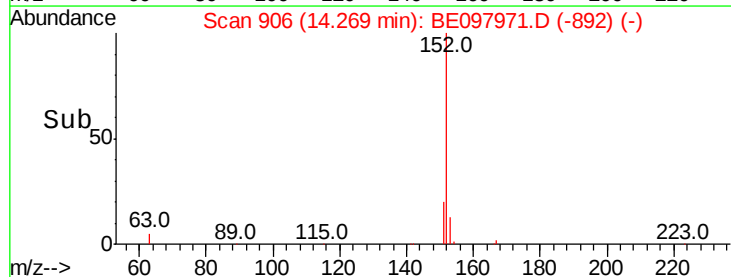
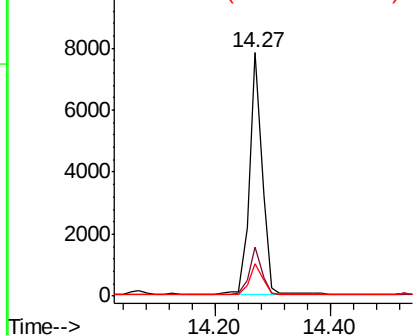


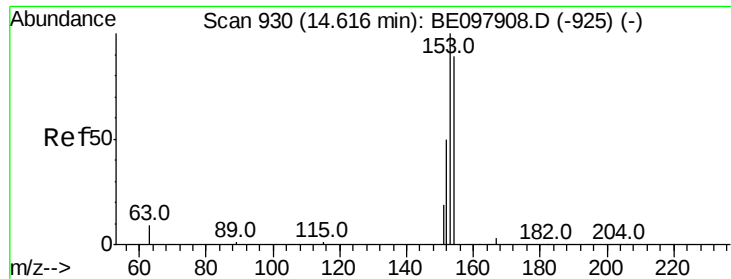
#16
Acenaphthylene
Concen: 0.427 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097971.D
Acq: 18 Oct 2018 11:14

Tgt Ion:152 Resp: 11769
Ion Ratio Lower Upper
152 100
151 19.2 16.1 24.1
153 12.9 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

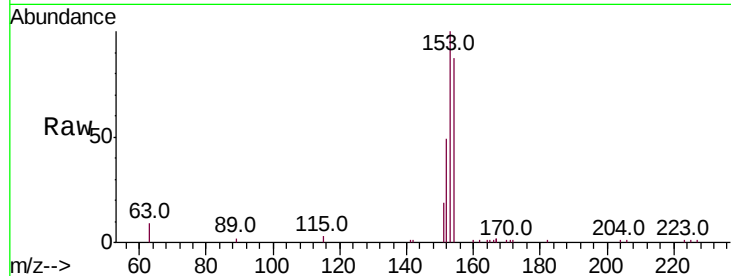




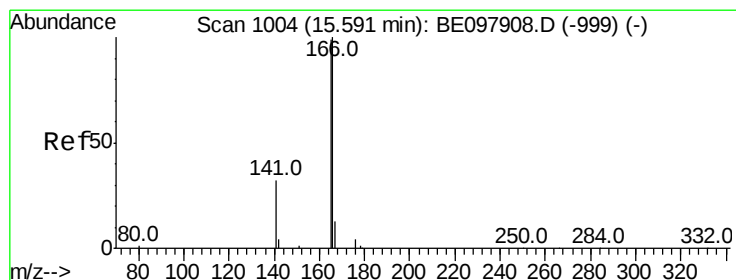
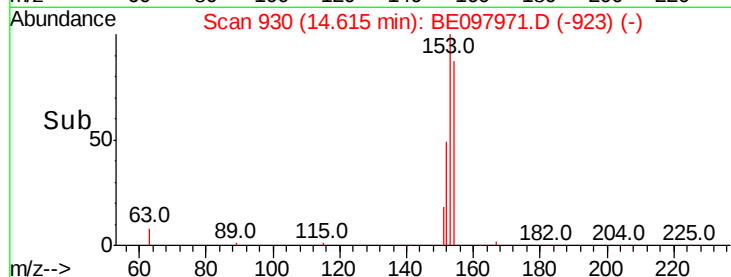
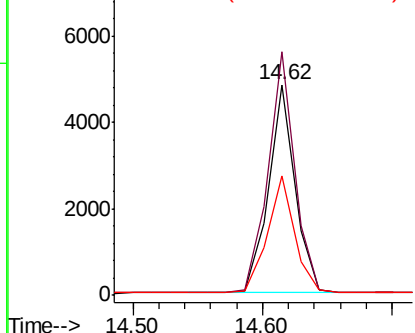
#17
Acenaphthene
Concen: 0.408 ng
RT: 14.62 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097971.D
Acq: 18 Oct 2018 11:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 6880
Ion Ratio Lower Upper
154 100
153 116.9 92.6 139.0
152 57.8 45.5 68.3

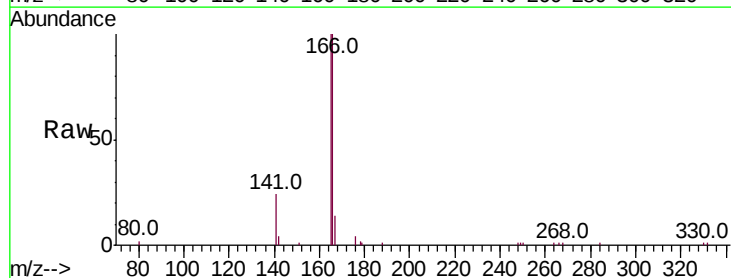


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

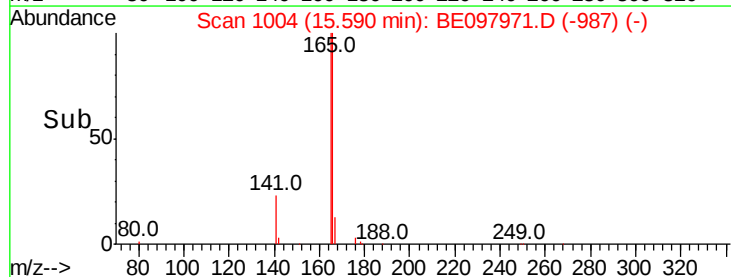
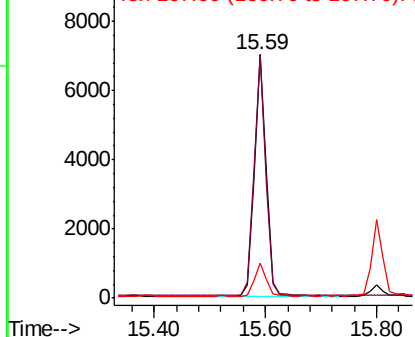


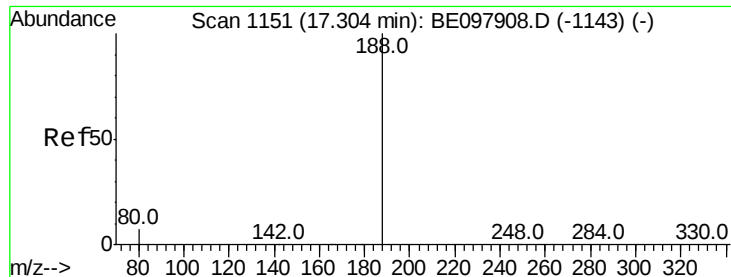
#18
Fluorene
Concen: 0.444 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE097971.D
Acq: 18 Oct 2018 11:14

Tgt Ion:166 Resp: 10285
Ion Ratio Lower Upper
166 100
165 98.9 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: BE097971.D

Acq: 18 Oct 2018 11:14

Instrument :

BNA_E

ClientSampled :

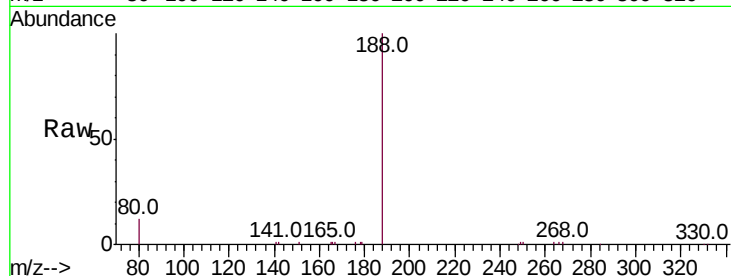
Tot Ion:188 Resp: 17091

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

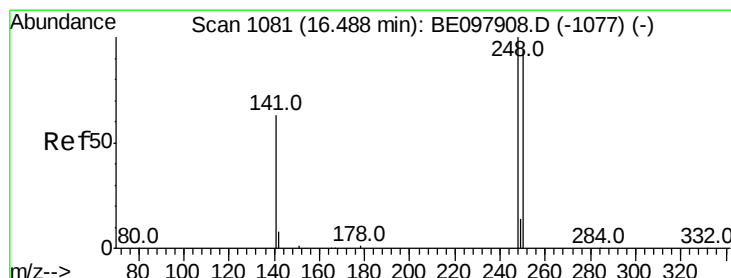
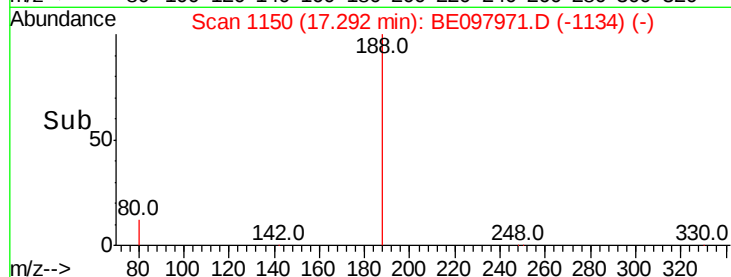
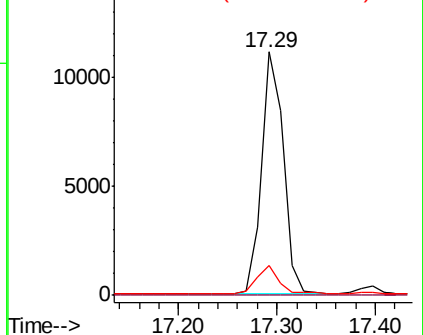
80 12.5 6.3 9.5#



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: 0.400 ng

RT: 16.49 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BE097971.D

Acq: 18 Oct 2018 11:14

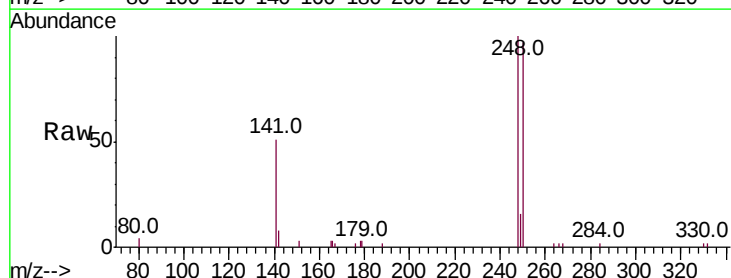
Tgt Ion:248 Resp: 3737

Ion Ratio Lower Upper

248 100

250 96.8 75.1 112.7

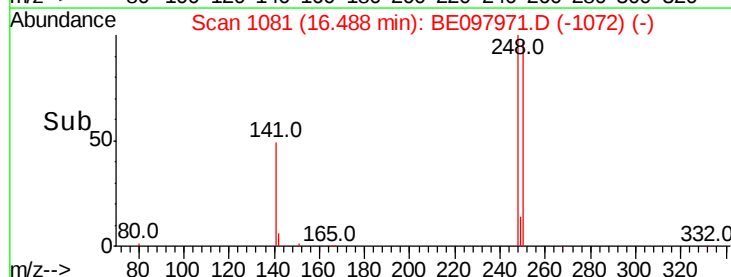
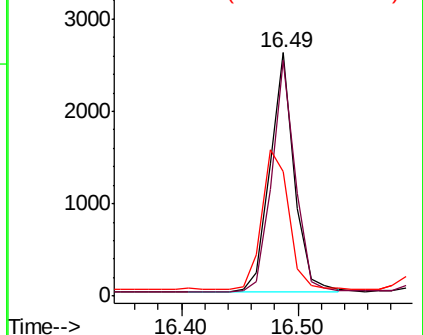
141 51.2 51.8 77.8#

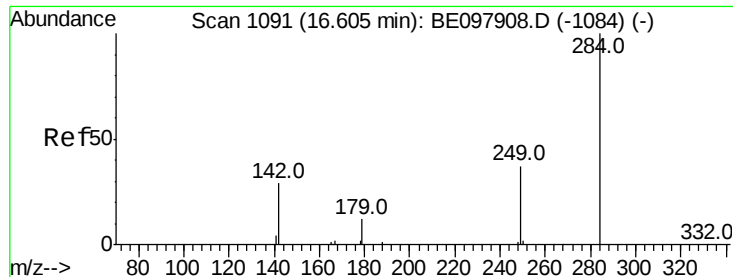


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.393 ng

RT: 16.60 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE097971.D

Acq: 18 Oct 2018 11:14

Instrument :

BNA_E

ClientSampleId :

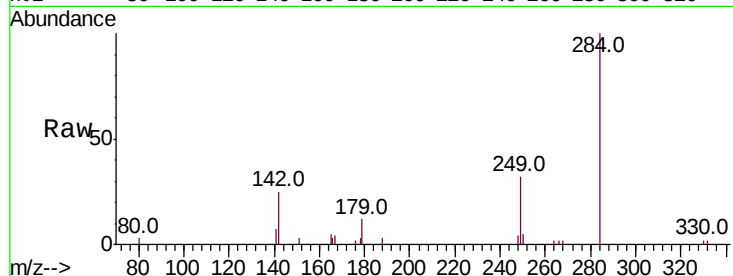
Tot Ion:284 Resp: 3612

Ion Ratio Lower Upper

284 100

142 33.4 25.9 38.9

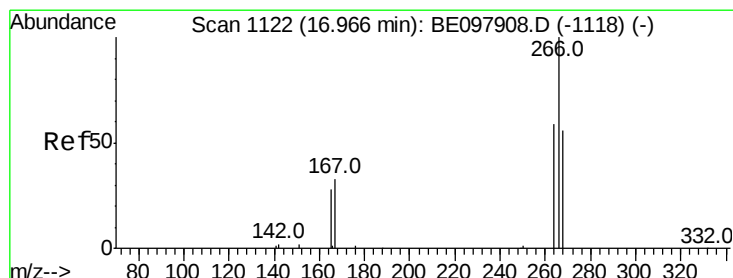
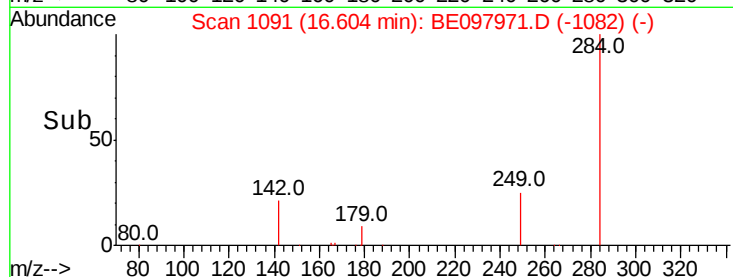
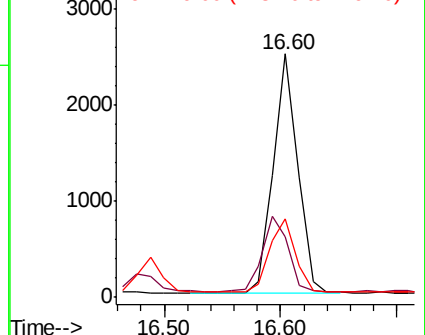
249 32.2 26.6 40.0



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: 0.684 ng

RT: 16.95 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE097971.D

Acq: 18 Oct 2018 11:14

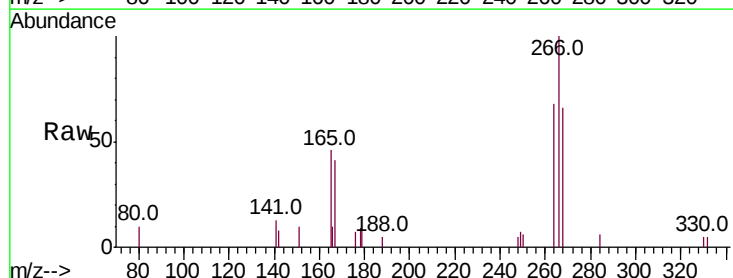
Tgt Ion:266 Resp: 1679

Ion Ratio Lower Upper

266 100

264 68.1 51.3 76.9

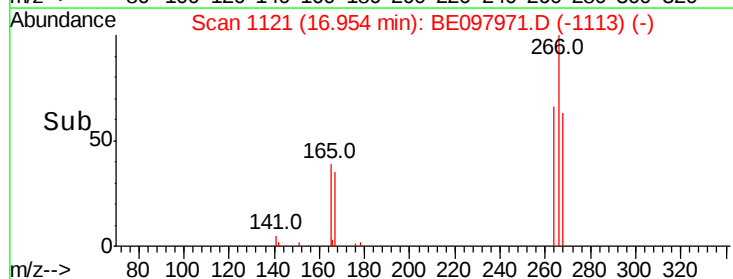
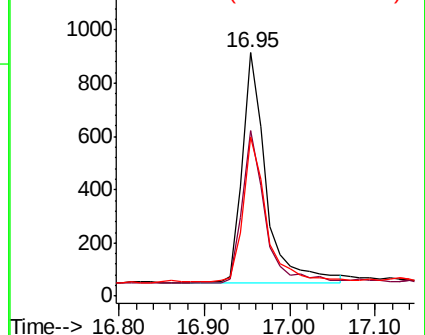
268 65.6 50.1 75.1

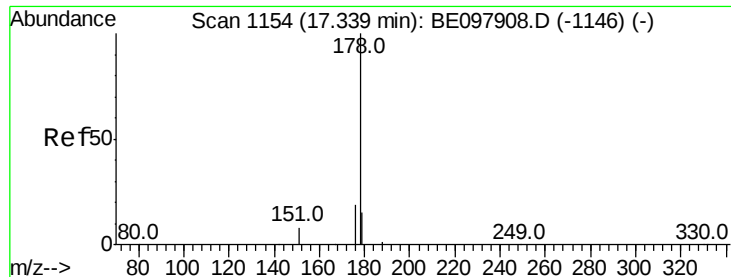


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.441 ng

RT: 17.34 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097971.D

Acq: 18 Oct 2018 11:14

Instrument :

BNA_E

ClientSampleId :

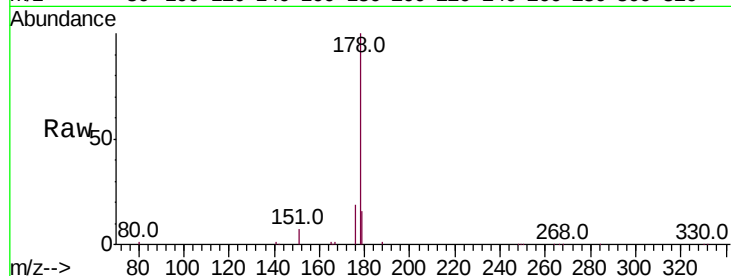
Tot Ion:178 Resp: 19152

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

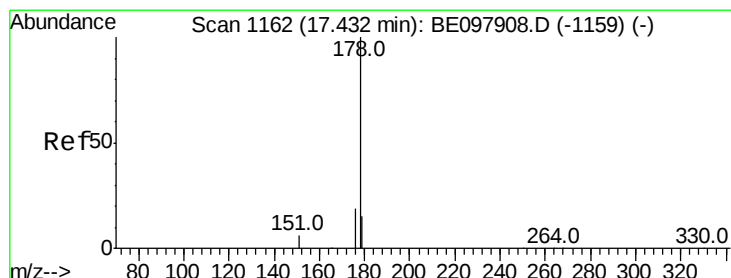
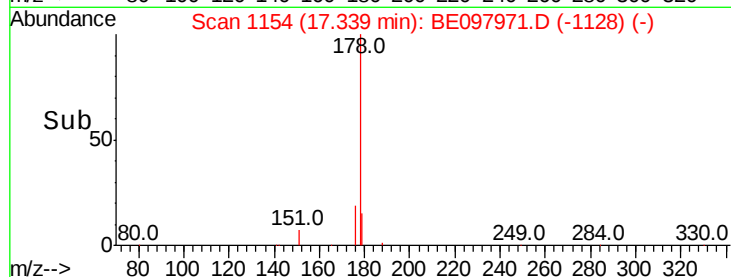
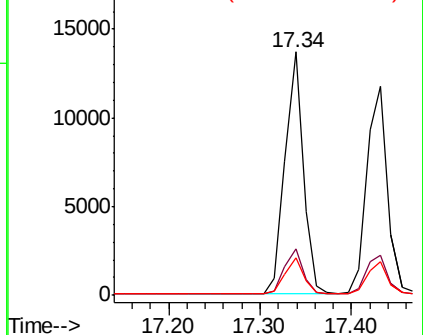
179 15.3 12.2 18.4



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: 0.446 ng

RT: 17.43 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BE097971.D

Acq: 18 Oct 2018 11:14

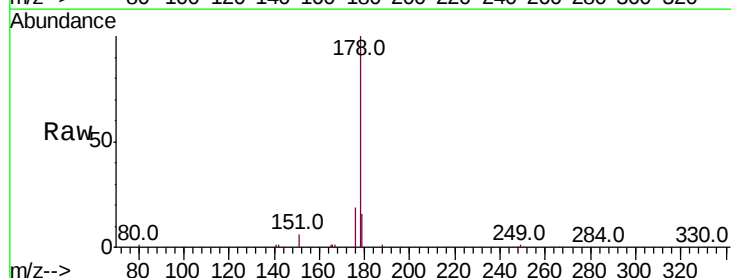
Tgt Ion:178 Resp: 18311

Ion Ratio Lower Upper

178 100

176 19.1 14.9 22.3

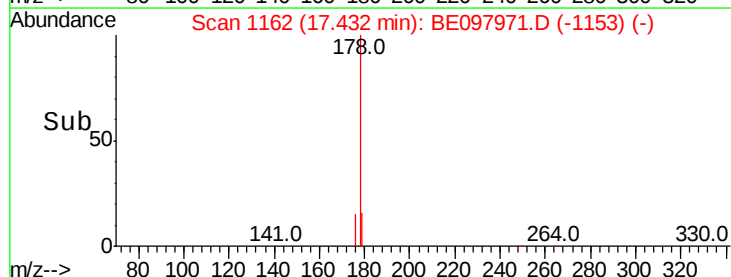
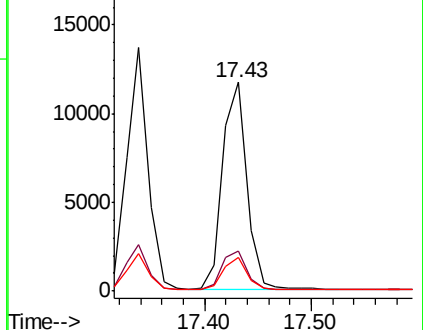
179 15.2 11.9 17.9

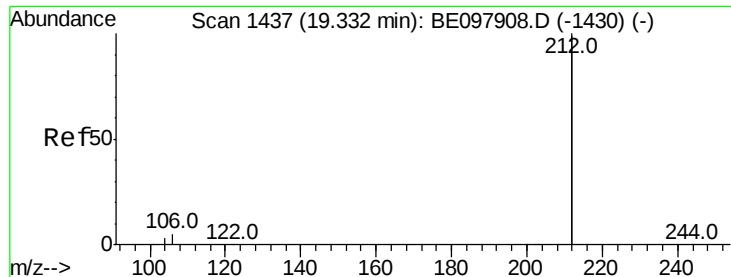


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.404 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097971.D

Acq: 18 Oct 2018 11:14

Instrument :

BNA_E

ClientSampleId :

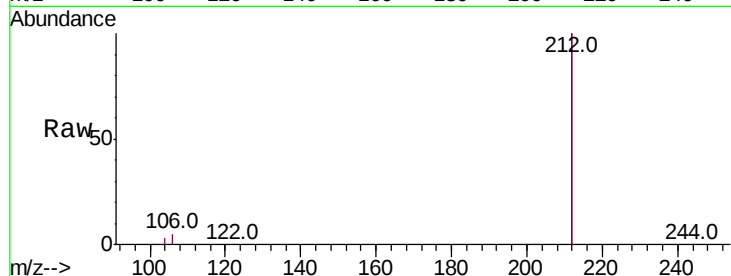
Tot Ion:212 Resp: 93655

Ion Ratio Lower Upper

212 100

106 2.8 2.3 3.5

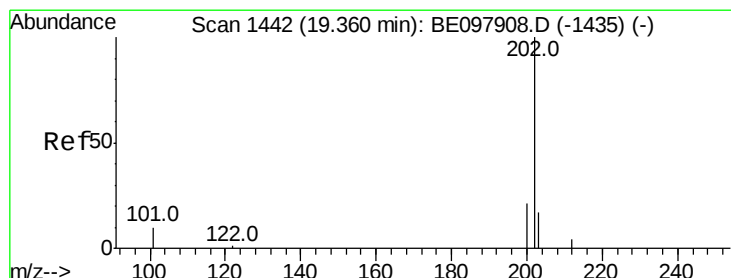
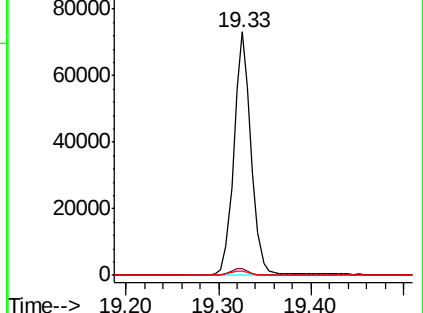
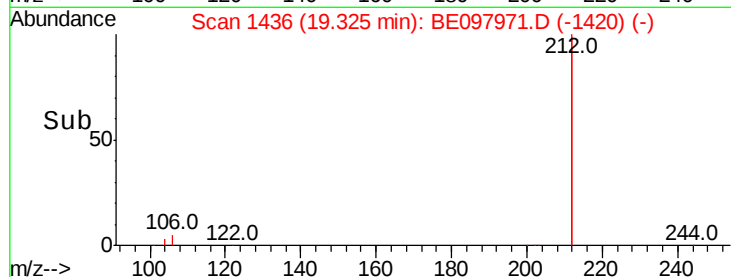
104 1.7 1.3 1.9



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: 0.439 ng

RT: 19.35 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BE097971.D

Acq: 18 Oct 2018 11:14

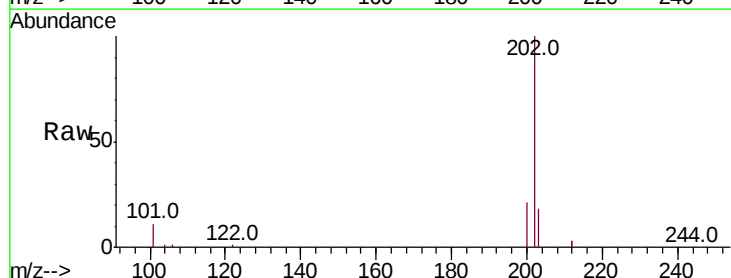
Tgt Ion:202 Resp: 25016

Ion Ratio Lower Upper

202 100

101 10.4 8.2 12.2

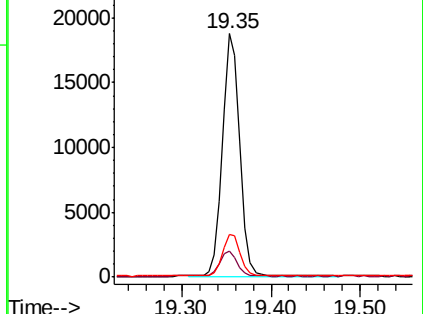
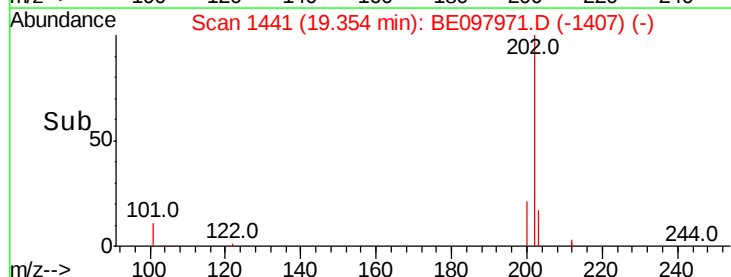
203 17.3 15.0 22.4

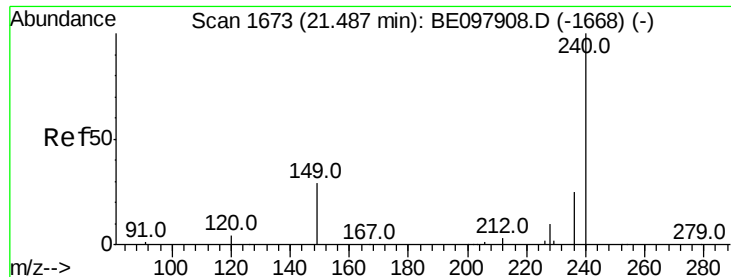


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.48 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097971.D

Acq: 18 Oct 2018 11:14

Instrument :

BNA_E

ClientSampleId :

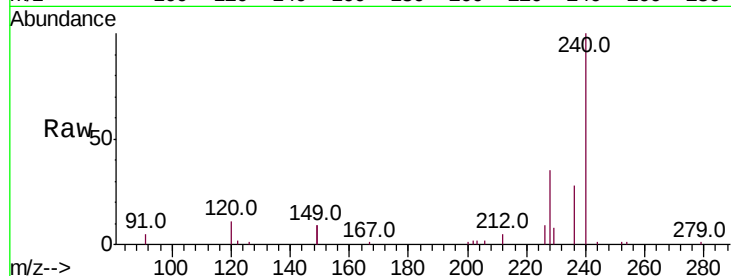
Tot Ion:240 Resp: 20847

Ion Ratio Lower Upper

240 100

120 10.9 7.1 10.7#

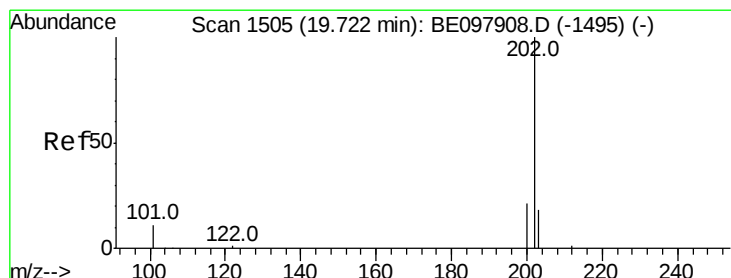
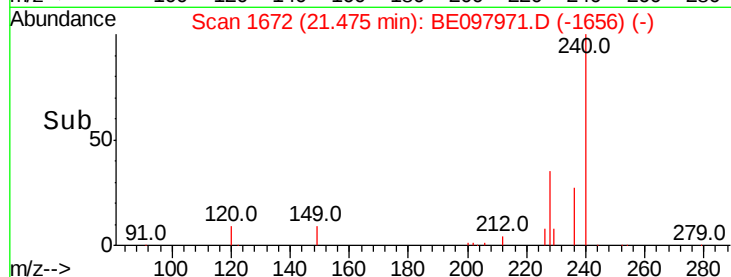
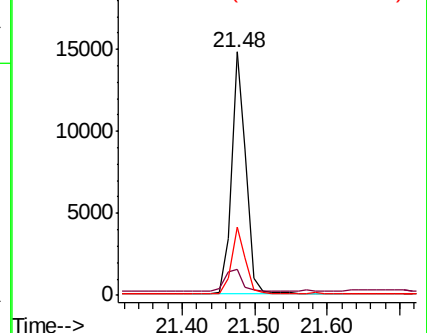
236 27.9 21.3 31.9



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: 0.432 ng

RT: 19.72 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BE097971.D

Acq: 18 Oct 2018 11:14

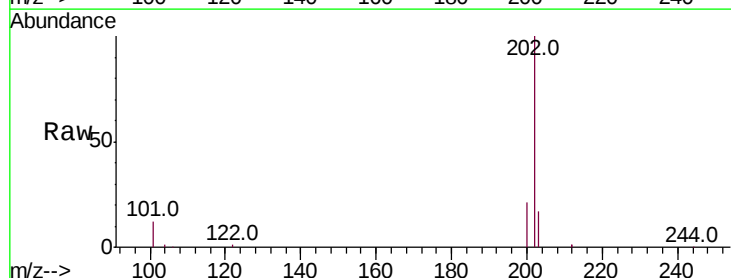
Tgt Ion:202 Resp: 25970

Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.4

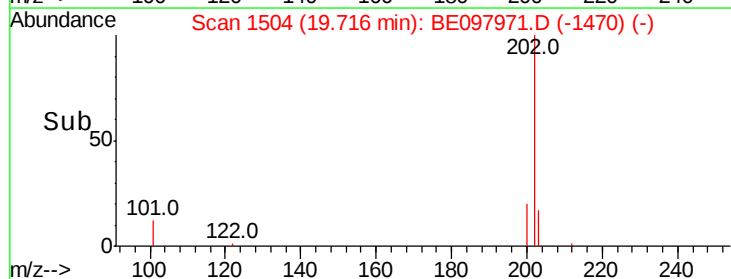
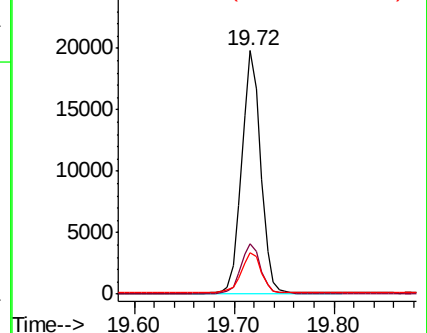
203 17.8 14.2 21.4

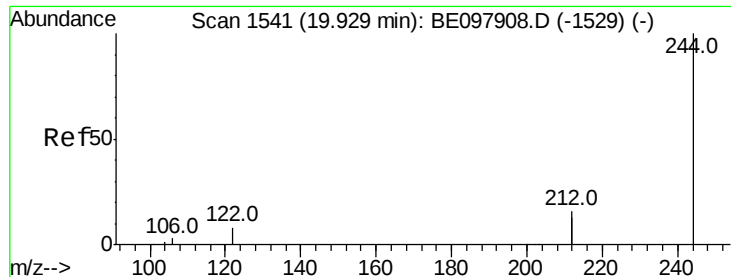


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.509 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097971.D

Acq: 18 Oct 2018 11:14

Instrument :

BNA_E

ClientSampled :

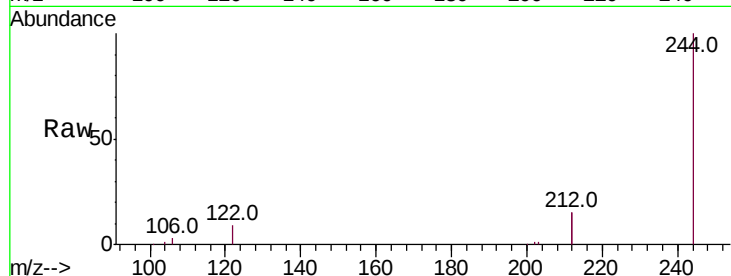
Tot Ion:244 Resp: 24325

Ion Ratio Lower Upper

244 100

212 30.9 26.2 39.2

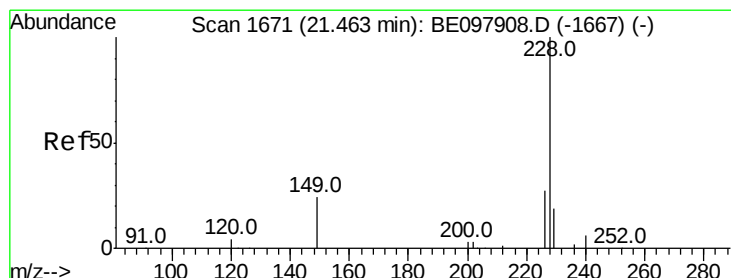
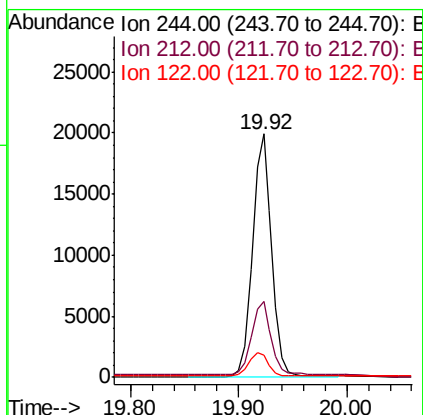
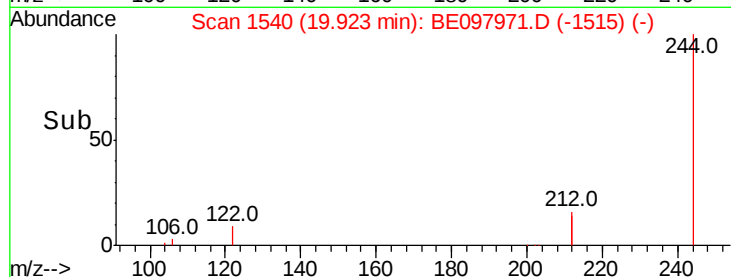
122 9.2 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.434 ng

RT: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE097971.D

Acq: 18 Oct 2018 11:14

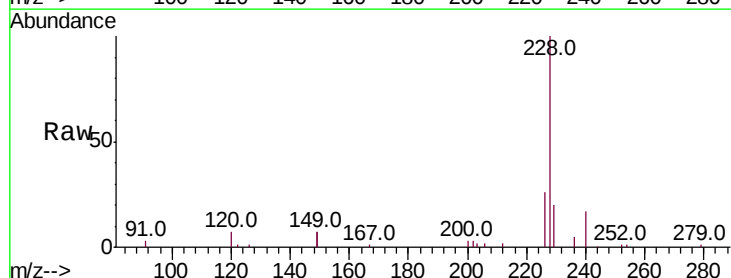
Tgt Ion:228 Resp: 27752

Ion Ratio Lower Upper

228 100

226 26.5 22.6 33.8

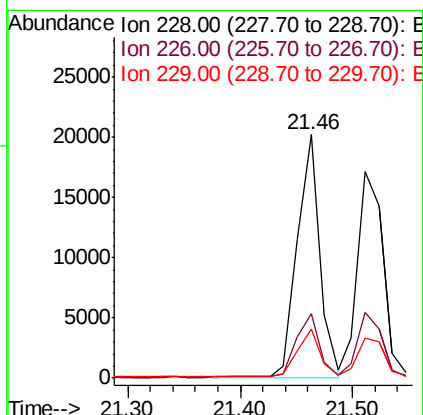
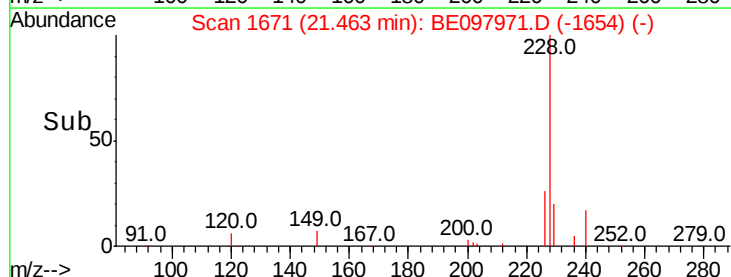
229 20.2 16.9 25.3

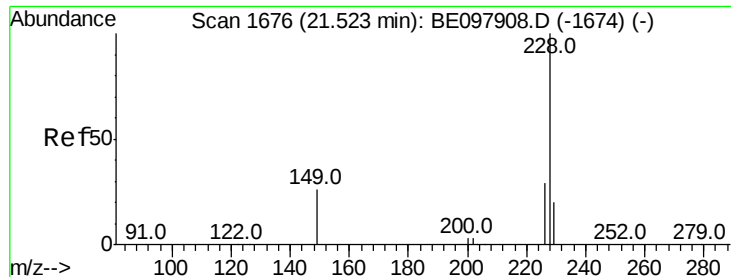


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.440 ng

RT: 21.51 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BE097971.D

Acq: 18 Oct 2018 11:14

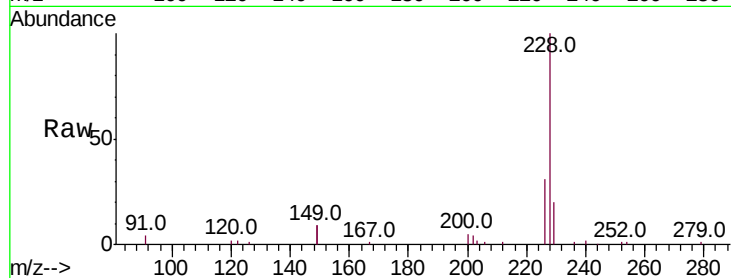
Instrument :

BNA_E

ClientSampled :

Tot Ion:228 Resp: 26653

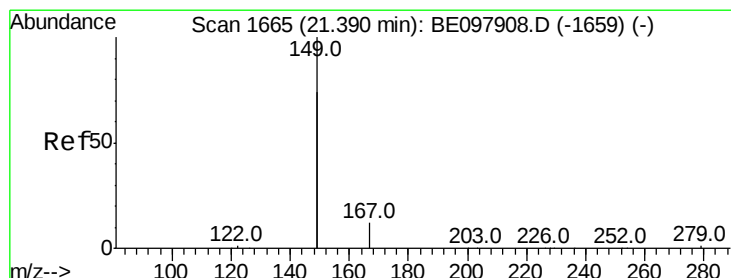
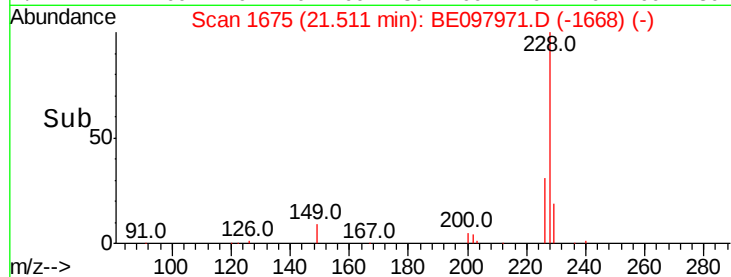
Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.3	36.5
229	19.6	17.3	25.9



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: 0.476 ng

RT: 21.39 min Scan# 1665

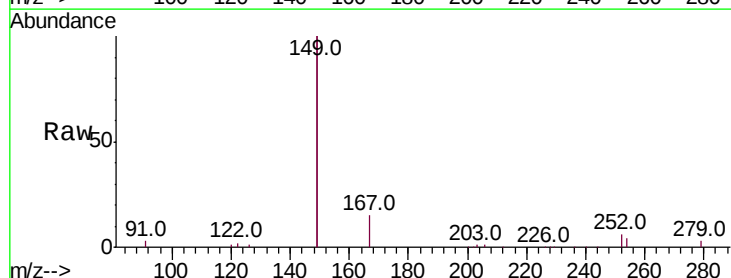
Delta R.T. 0.00 min

Lab File: BE097971.D

Acq: 18 Oct 2018 11:14

Tgt Ion:149 Resp: 67670

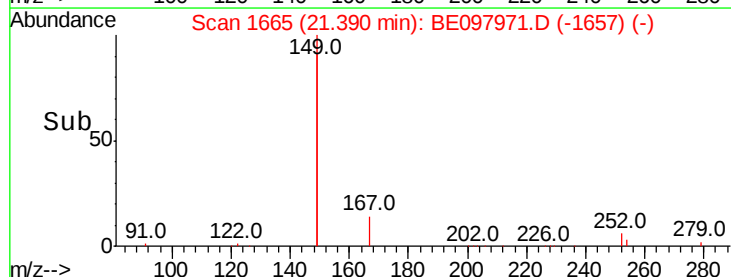
Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.6	8.4
279	1.1	0.9	1.3

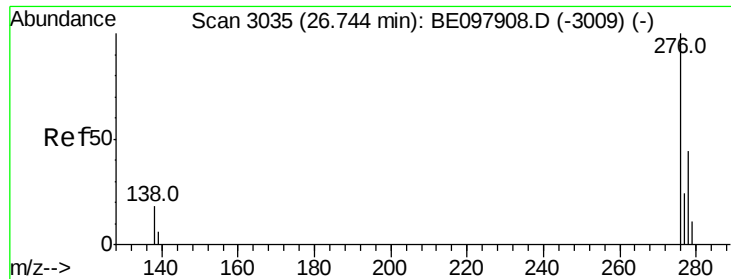


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

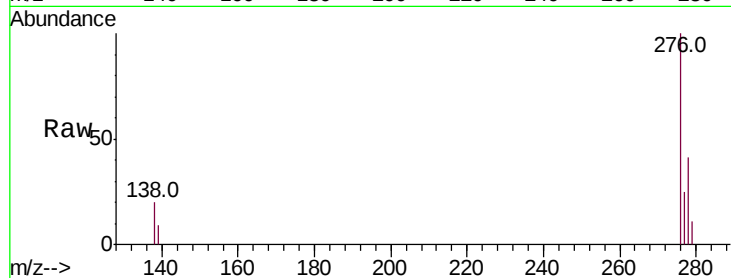




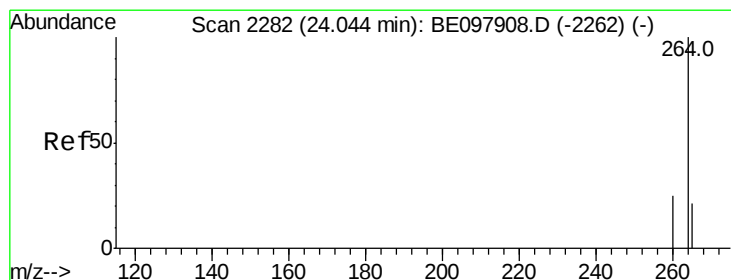
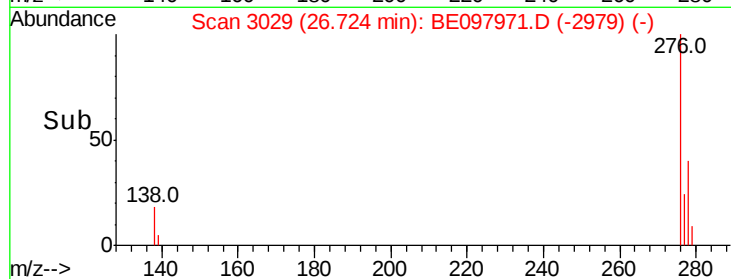
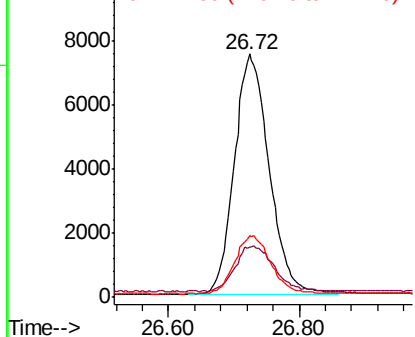
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.422 ng
 RT: 26.72 min Scan# 3029
 Delta R.T. -0.02 min
 Lab File: BE097971.D
 Acq: 18 Oct 2018 11:14

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 27761
 Ion Ratio Lower Upper
 276 100
 138 21.3 17.0 25.6
 277 24.8 20.5 30.7

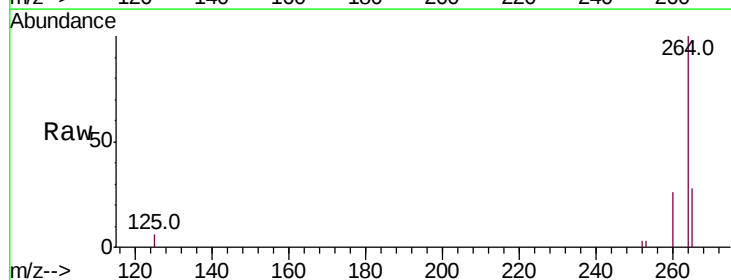


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

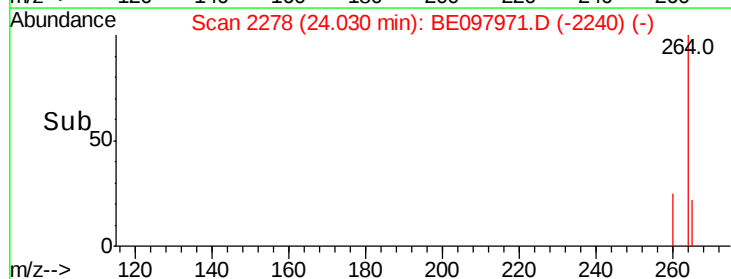
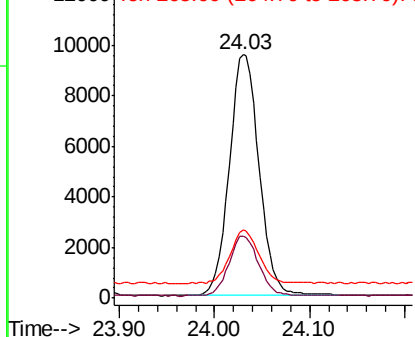


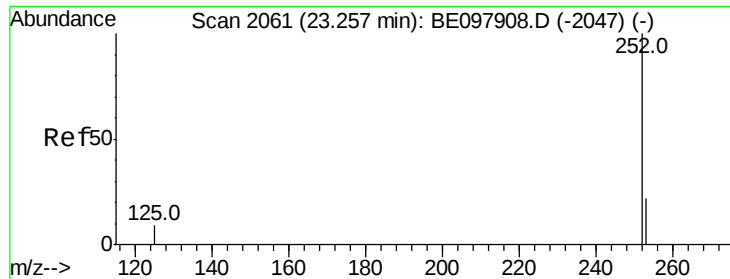
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.03 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BE097971.D
 Acq: 18 Oct 2018 11:14

Tgt Ion:264 Resp: 20639
 Ion Ratio Lower Upper
 264 100
 260 25.6 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: 0.449 ng

RT: 23.25 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BE097971.D

Acq: 18 Oct 2018 11:14

Instrument :

BNA_E

ClientSampleId :

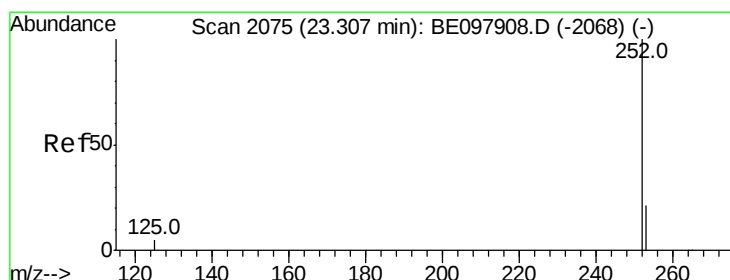
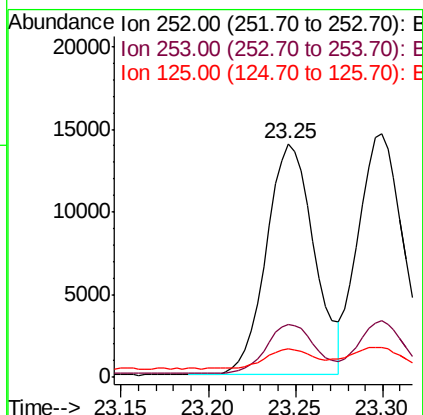
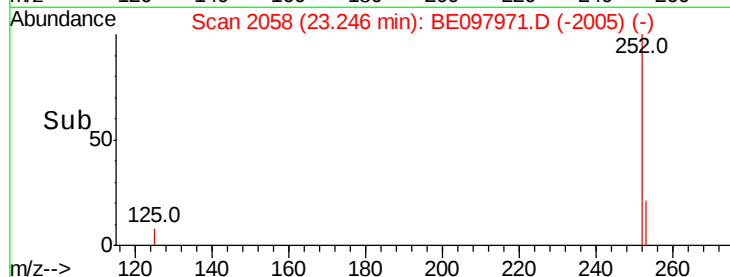
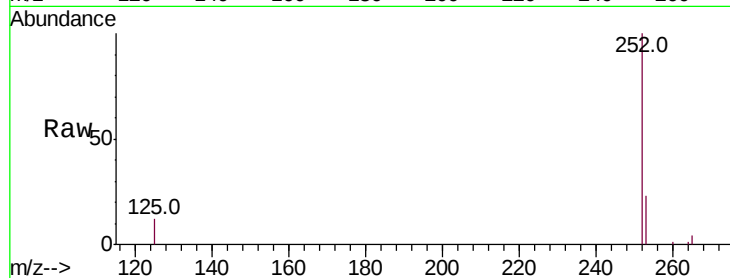
Tot Ion:252 Resp: 26678

Ion Ratio Lower Upper

252 100

253 22.7 20.6 31.0

125 12.2 14.3 21.5#



#36

Benzo(k)fluoranthene

Concen: 0.424 ng

RT: 23.30 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BE097971.D

Acq: 18 Oct 2018 11:14

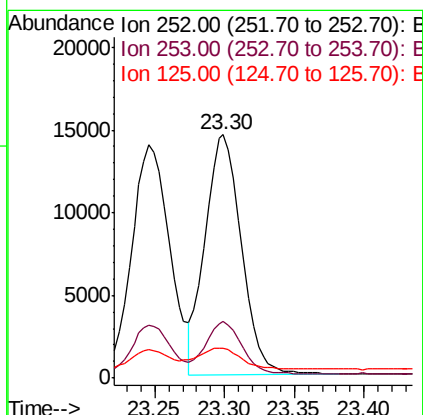
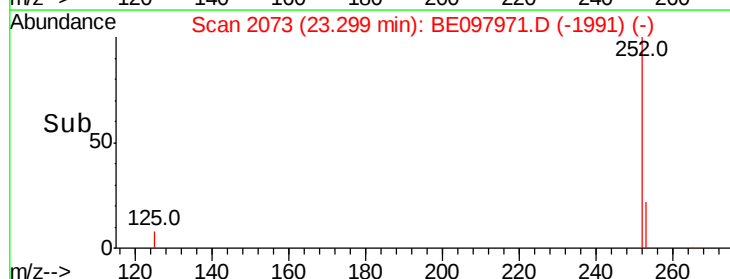
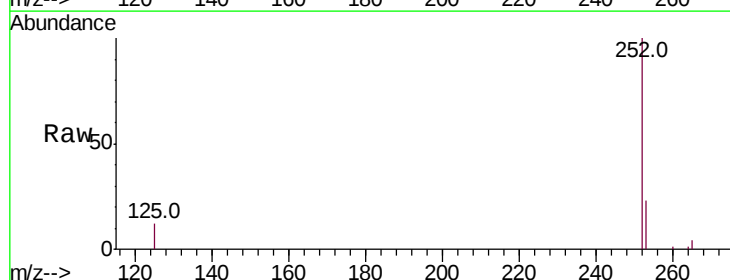
Tgt Ion:252 Resp: 26242

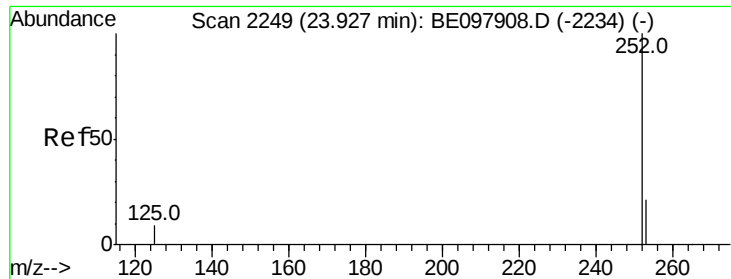
Ion Ratio Lower Upper

252 100

253 23.3 20.4 30.6

125 12.1 14.6 21.8#





#37

Benzo(a)pyrene

Concen: 0.418 ng

RT: 23.91 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BE097971.D

Acq: 18 Oct 2018 11:14

Instrument :

BNA_E

ClientSampleId :

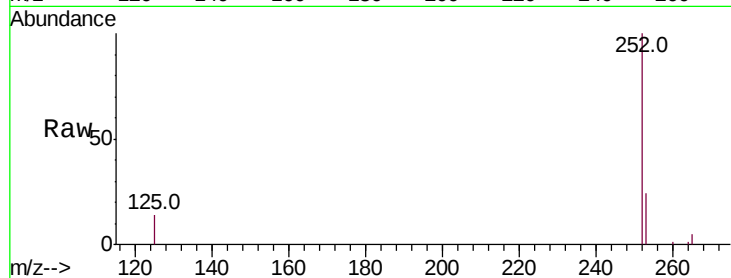
Tot Ion:252 Resp: 24173

Ion Ratio Lower Upper

252 100

253 24.1 20.6 31.0

125 14.1 15.6 23.4#

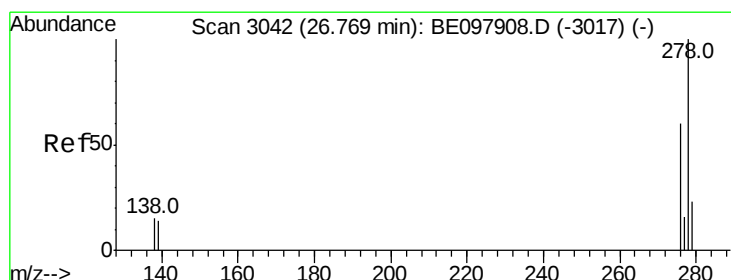
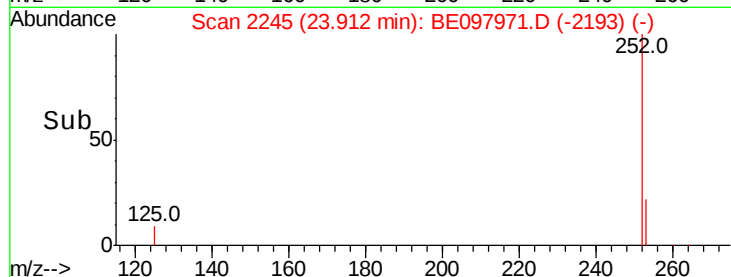
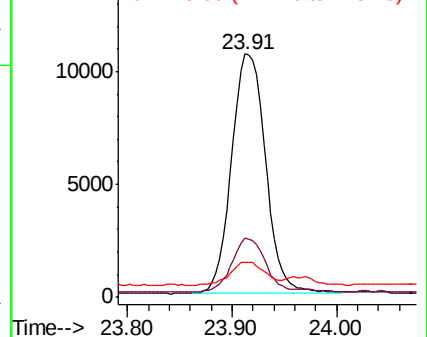


Abundance

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: 0.417 ng

RT: 26.75 min Scan# 3037

Delta R.T. -0.02 min

Lab File: BE097971.D

Acq: 18 Oct 2018 11:14

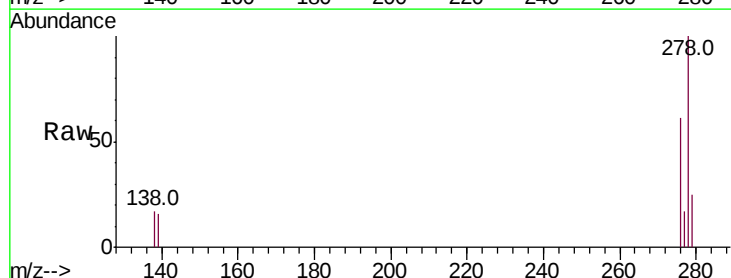
Tgt Ion:278 Resp: 23618

Ion Ratio Lower Upper

278 100

139 16.1 16.3 24.5#

279 25.1 21.4 32.2

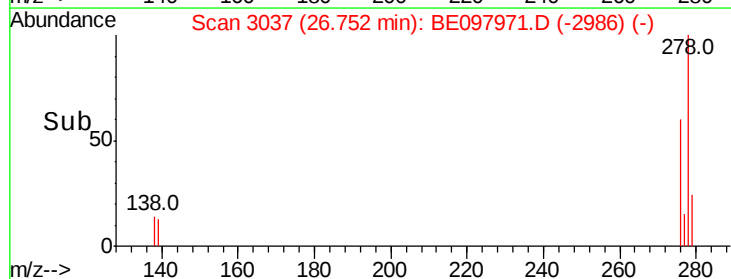
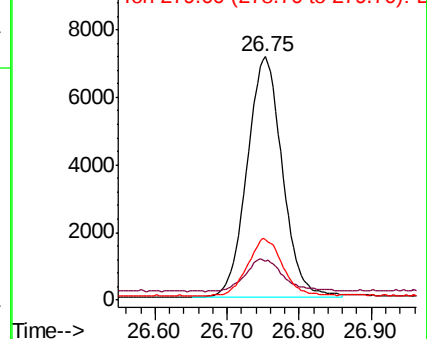


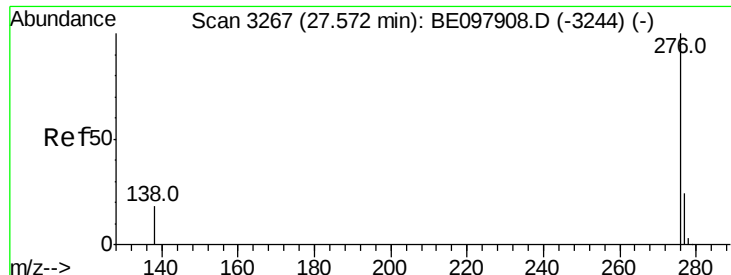
Abundance

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: 0.344 ng

RT: 27.55 min Scan# 3262

Delta R.T. -0.02 min

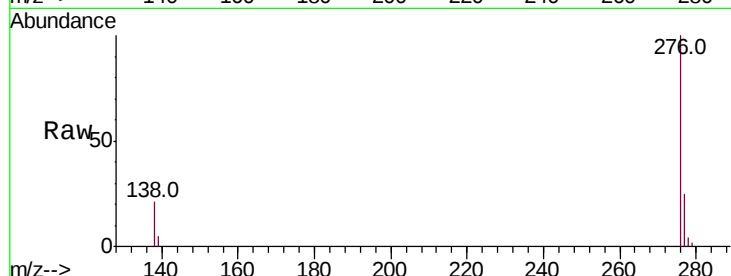
Lab File: BE097971.D

Acq: 18 Oct 2018 11:14

Instrument :

BNA_E

ClientSampleId :



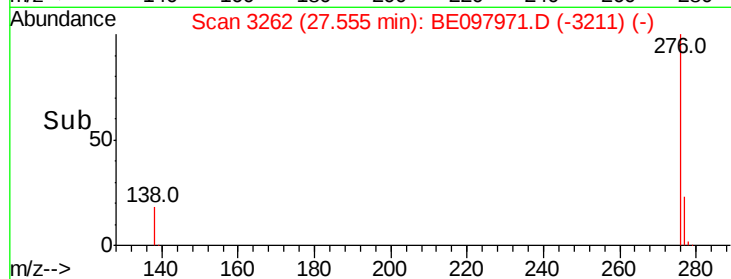
Tot Ion: 276 Resp: 19991

Ion Ratio Lower Upper

276 100

277 24.6 22.1 33.1

138 21.5 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

