

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101618\
 Data File : BE097932.D
 Acq On : 17 Oct 2018 5:19
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Oct 17 08:28:04 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	2526	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	11847	0.40	ng	-0.01
13) Acenaphthene-d10	14.56	164	8328	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	24952	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	31962	0.40	ng	-0.01
34) Perylene-d12	24.03	264	24699	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	3084	0.39	ng	0.00
5) Phenol-d6	7.06	99	4686	0.40	ng	0.00
8) Nitrobenzene-d5	9.03	82	4332	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	8083	0.41	ng	-0.02
14) 2,4,6-Tribromophenol	16.04	330	1770	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	12711	0.37	ng	0.00
25) Fluoranthene-d10	19.33	212	137626	0.41	ng	0.00
29) Terphenyl-d14	19.92	244	48799	0.67	ng	-0.01

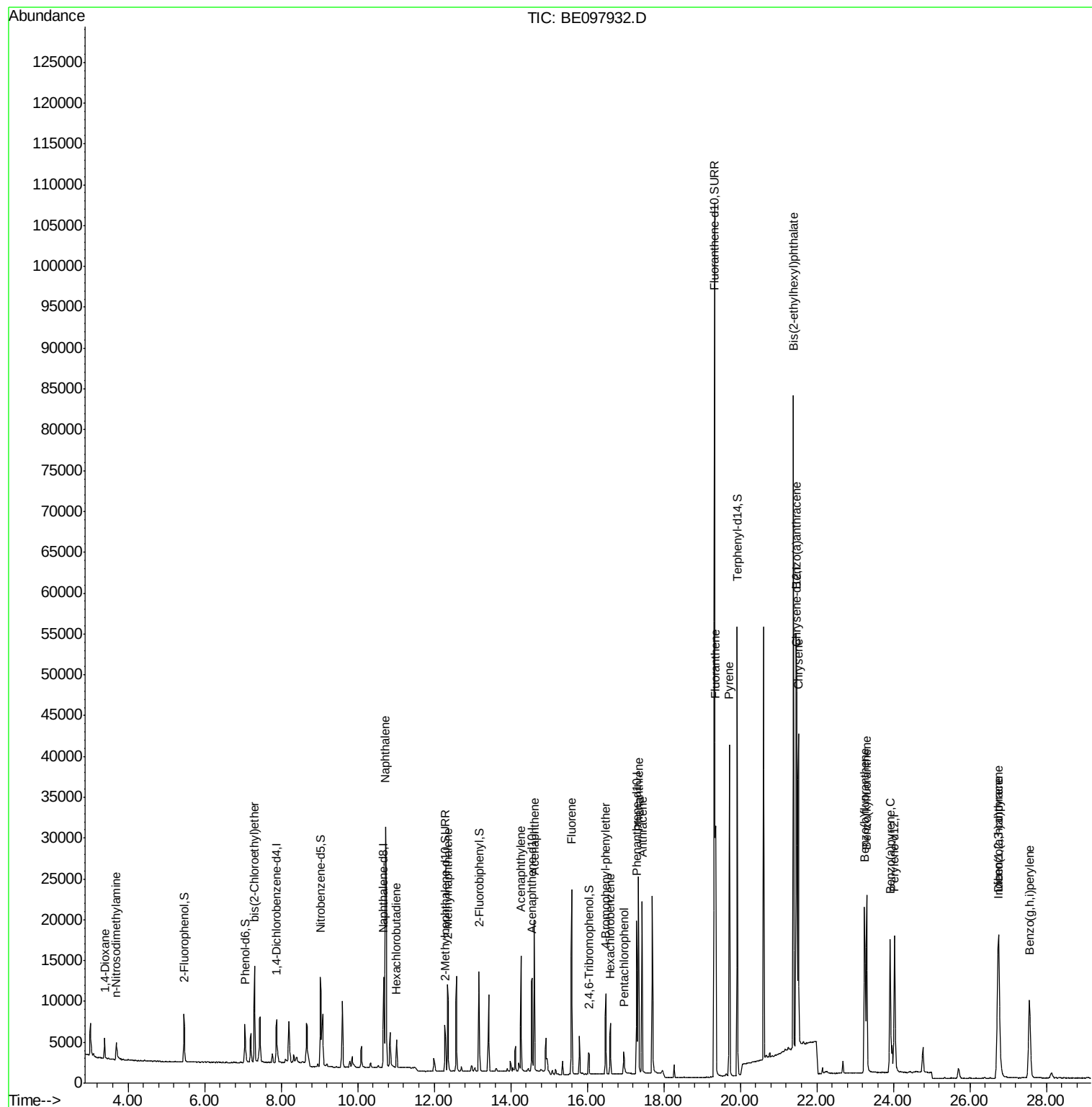
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.38	88	1686	0.383	ng	95
3) n-Nitrosodimethylamine	3.69	42	1714	0.349	ng	# 87
6) bis(2-Chloroethyl)ether	7.30	93	3986	0.399	ng	95
9) Naphthalene	10.73	128	47429	0.402	ng	100
10) Hexachlorobutadiene	11.02	225	2500	0.393	ng	99
12) 2-Methylnaphthalene	12.35	142	8368	0.414	ng	96
16) Acenaphthylene	14.27	152	15234	0.396	ng	98
17) Acenaphthene	14.61	154	9281	0.395	ng	99
18) Fluorene	15.59	166	13358	0.413	ng	98
20) 4-Bromophenyl-phenylether	16.49	248	5138	0.377	ng	# 85
21) Hexachlorobenzene	16.60	284	5114	0.381	ng	98
22) Pentachlorophenol	16.95	266	1847	0.540	ng	98
23) Phenanthrene	17.34	178	24806	0.391	ng	100
24) Anthracene	17.43	178	23267	0.388	ng	99
26) Fluoranthene	19.36	202	34672	0.417	ng	97
28) Pyrene	19.72	202	37514	0.407	ng	99
30) Benzo(a)anthracene	21.46	228	37930	0.387	ng	98
31) Chrysene	21.52	228	37661	0.406	ng	96
32) Bis(2-ethylhexyl)phthalate	21.39	149	86283	0.370	ng	100
33) Indeno(1,2,3-cd)pyrene	26.73	276	29153	0.237	ng	96
35) Benzo(b)fluoranthene	23.25	252	29026	0.408	ng	# 89
36) Benzo(k)fluoranthene	23.30	252	30930	0.418	ng	# 92
37) Benzo(a)pyrene	23.92	252	27475	0.397	ng	# 89
38) Dibenzo(a,h)anthracene	26.76	278	24683	0.364	ng	# 92
39) Benzo(g,h,i)perylene	27.56	276	24331	0.350	ng	93

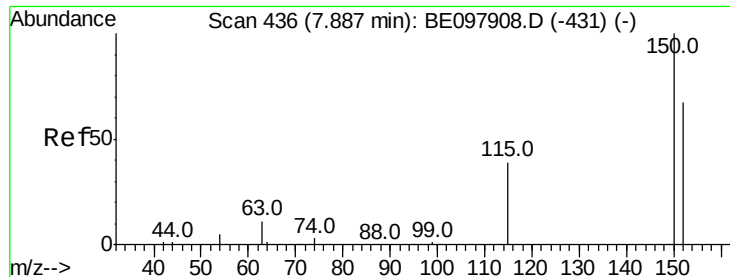
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE097932.D

Acq: 17 Oct 2018 5:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

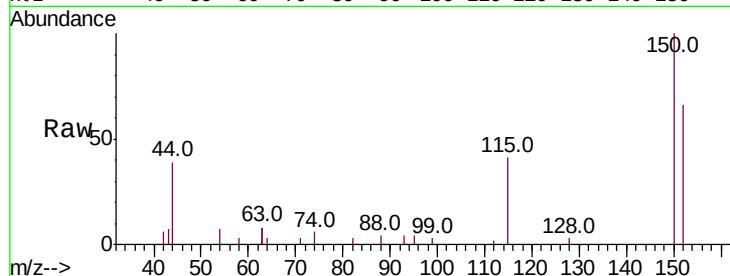
Tot Ion:152 Resp: 2526

Ion Ratio Lower Upper

152 100

150 152.1 118.2 177.4

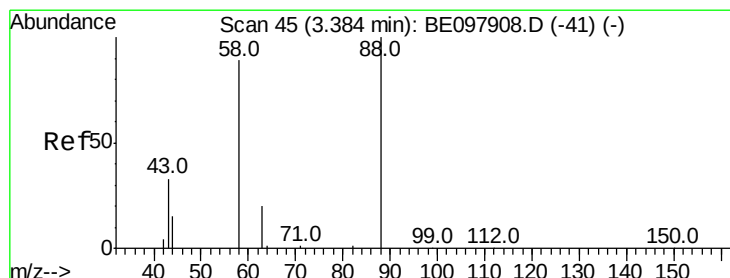
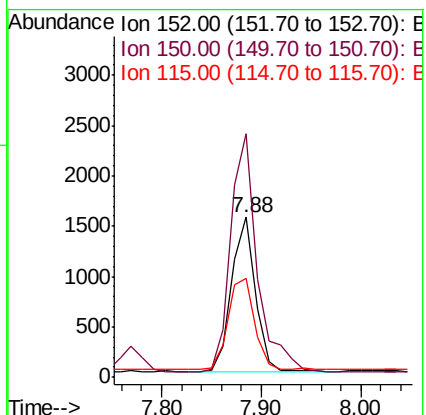
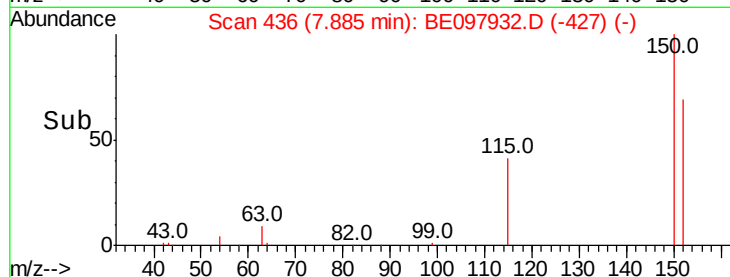
115 61.9 50.9 76.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.383 ng

RT: 3.38 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

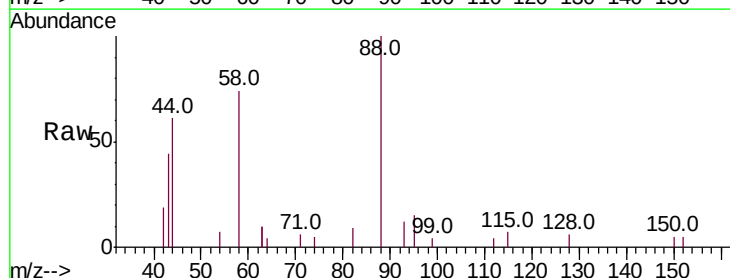
Tgt Ion: 88 Resp: 1686

Ion Ratio Lower Upper

88 100

58 89.4 73.2 109.8

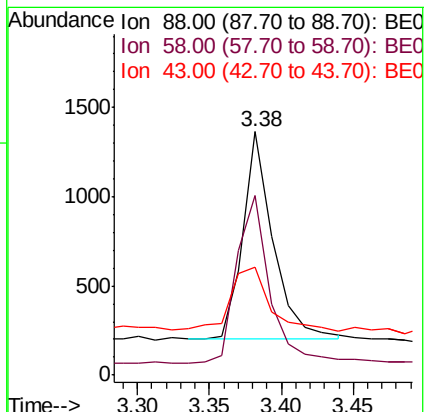
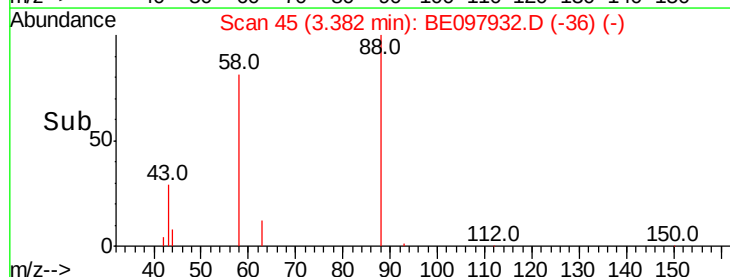
43 39.9 36.9 55.3

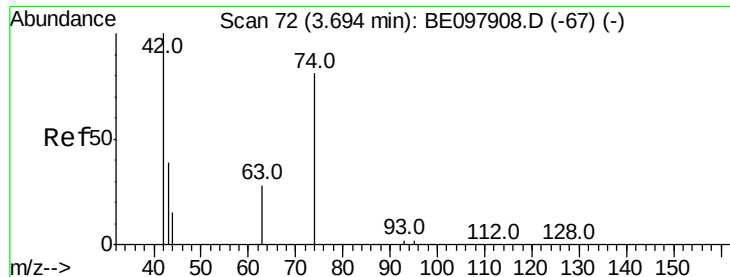


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.349 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

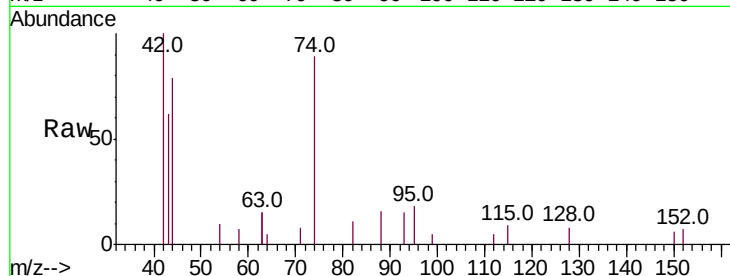
Tot Ion: 42 Resp: 1714

Ion Ratio Lower Upper

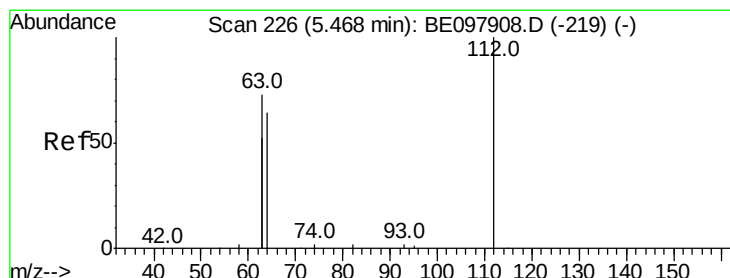
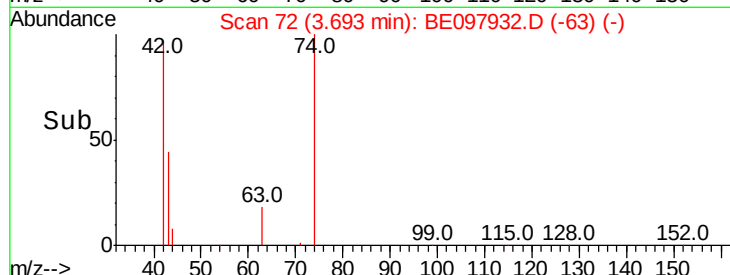
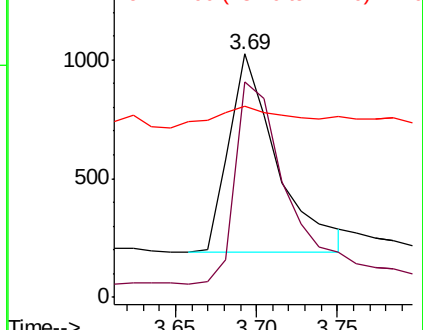
42 100

74 109.2 77.6 116.4

44 17.4 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



#4

2-Fluorophenol

Concen: 0.387 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

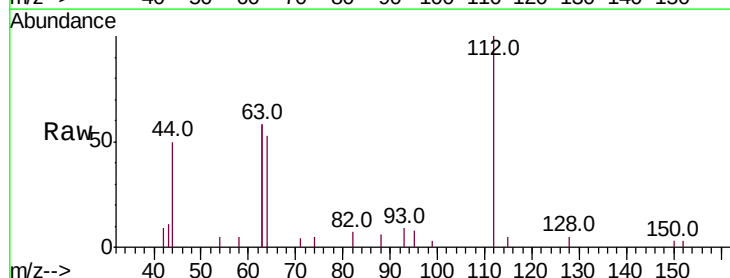
Tgt Ion: 112 Resp: 3084

Ion Ratio Lower Upper

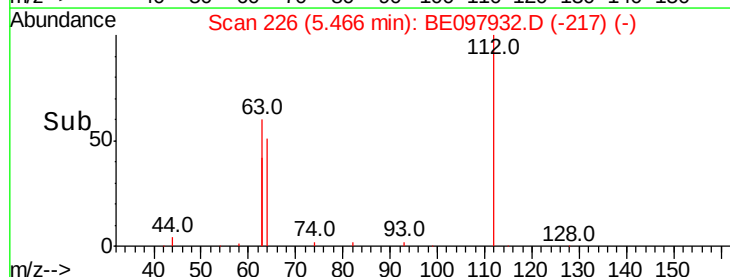
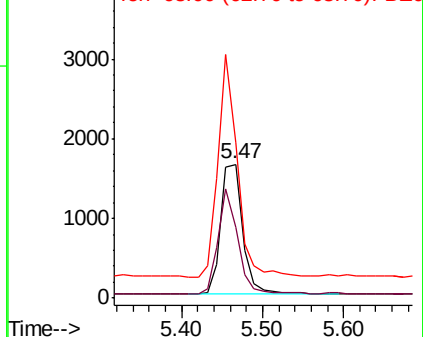
112 100

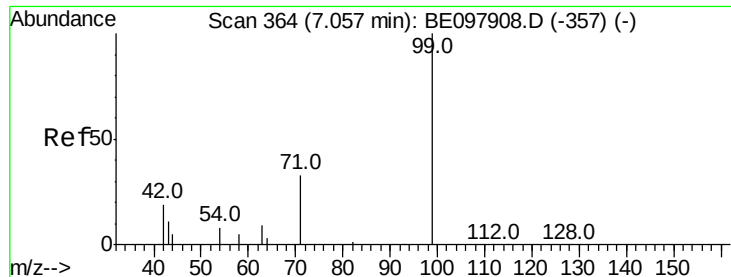
64 71.3 58.9 88.3

63 147.6 120.3 180.5



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: 0.398 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

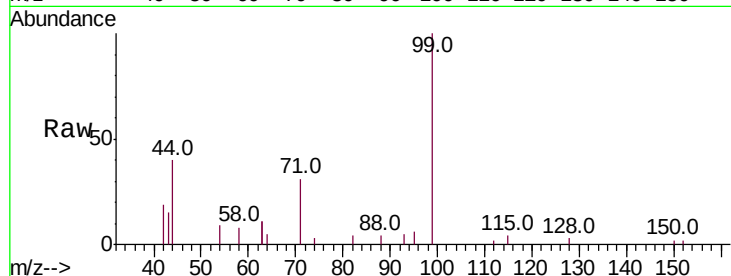
Tot Ion: 99 Resp: 4686

Ion Ratio Lower Upper

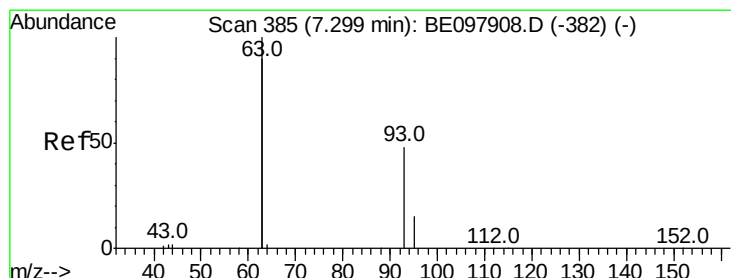
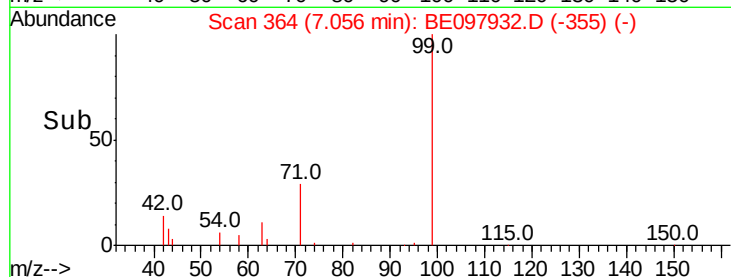
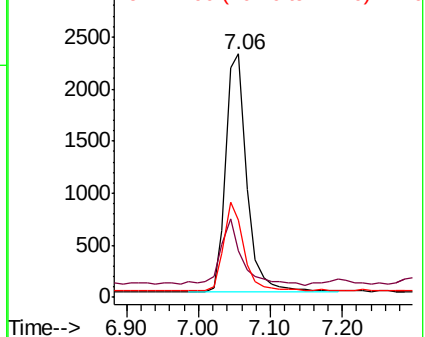
99 100

42 27.7 19.9 29.9

71 35.0 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: BE097932.D

Acq: 17 Oct 2018 5:19

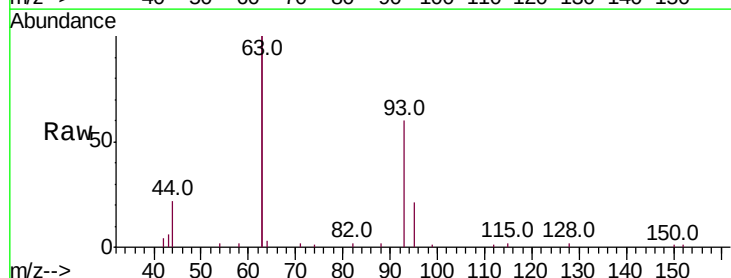
Tgt Ion: 93 Resp: 3986

Ion Ratio Lower Upper

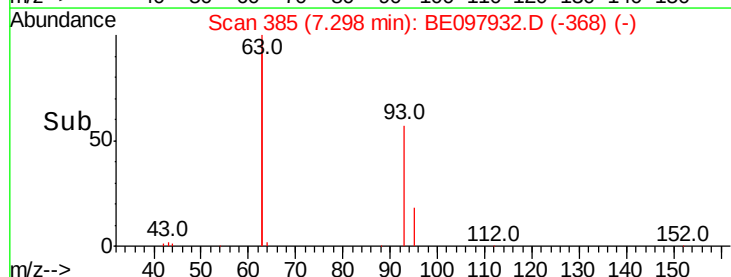
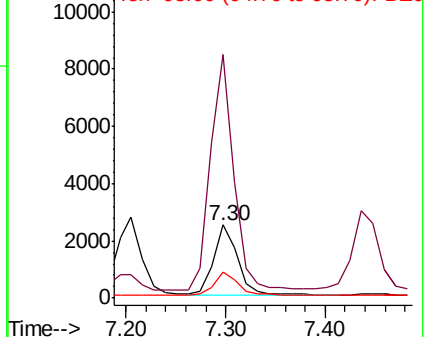
93 100

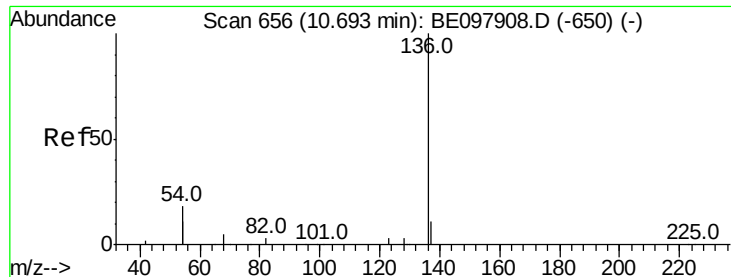
63 334.3 259.0 388.4

95 33.0 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: BE097932.D

Acq: 17 Oct 2018 5:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 11847

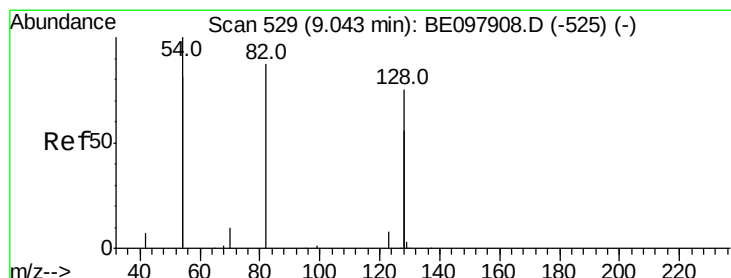
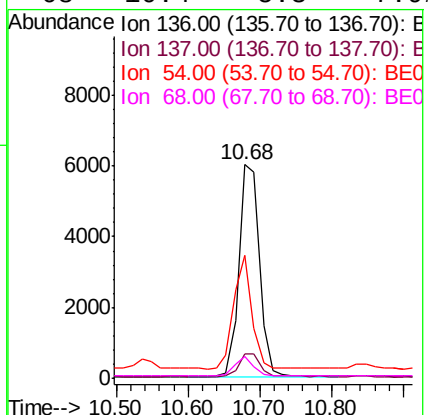
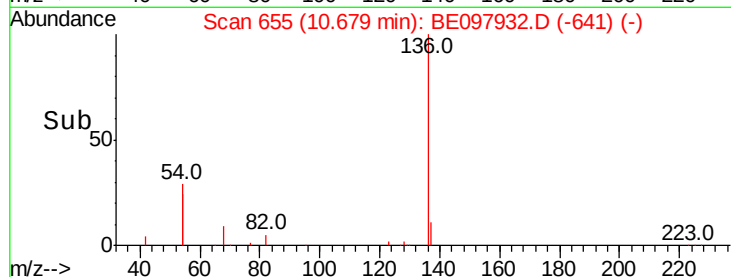
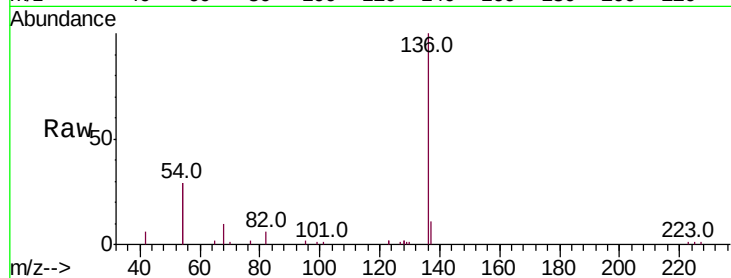
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 57.6 27.7 41.5#

68 10.4 5.3 7.9#



#8

Nitrobenzene-d5

Concen: 0.386 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

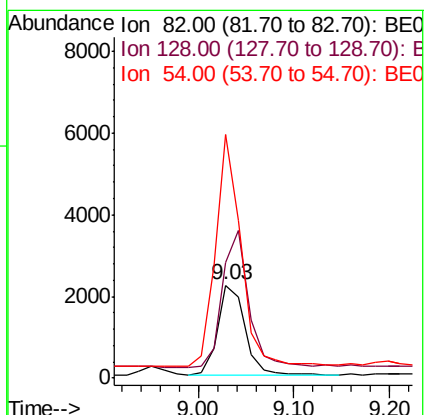
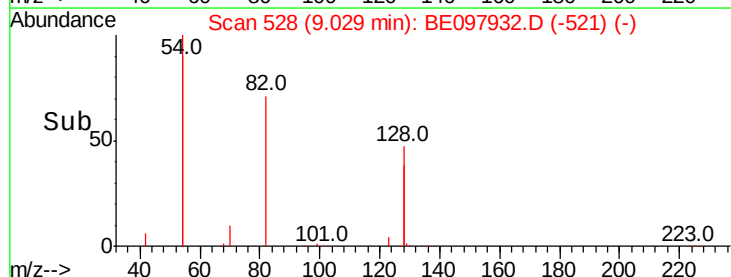
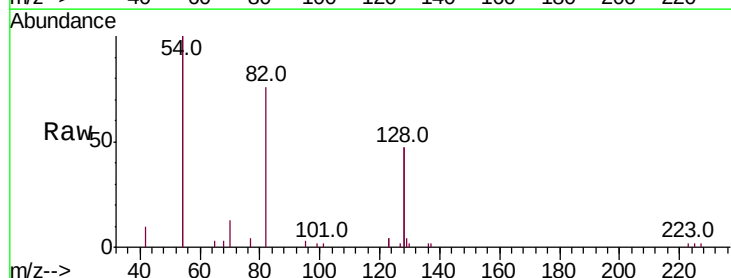
Tgt Ion: 82 Resp: 4332

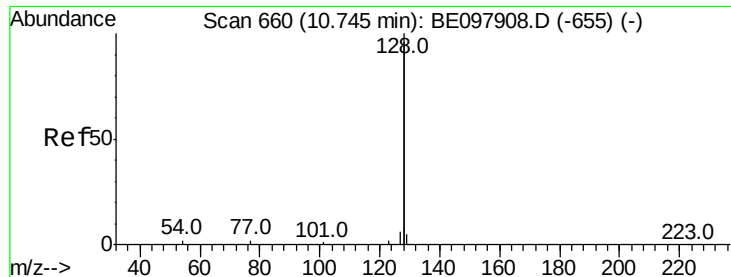
Ion Ratio Lower Upper

82 100

128 124.2 129.9 194.9#

54 261.5 174.0 261.0#





#9

Naphthalene

Concen: 0.402 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

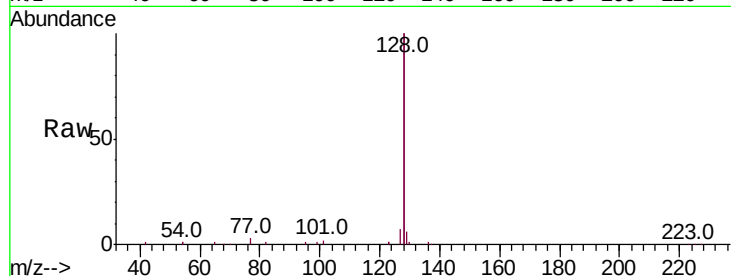
Tot Ion:128 Resp: 47429

Ion Ratio Lower Upper

128 100

129 3.1 2.5 3.7

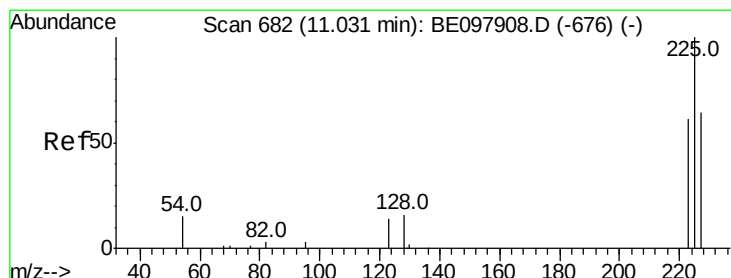
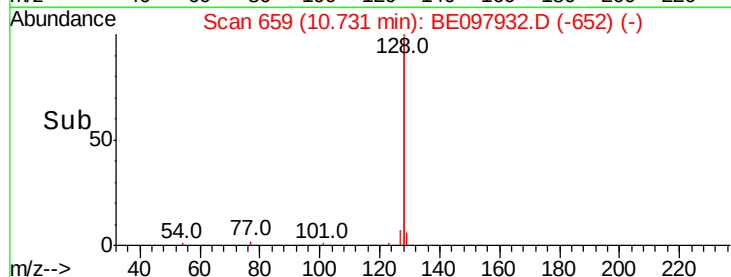
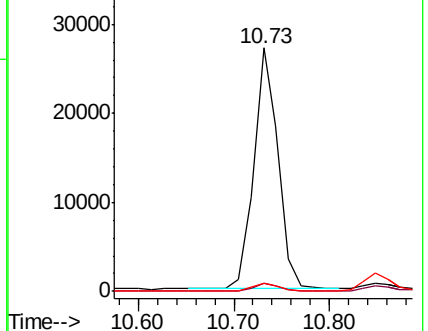
127 3.5 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.393 ng

RT: 11.02 min Scan# 681

Delta R.T. -0.01 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

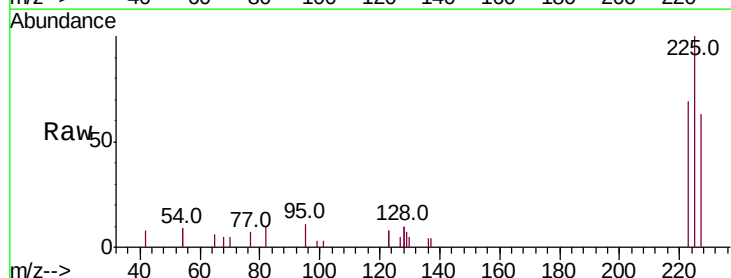
Tgt Ion:225 Resp: 2500

Ion Ratio Lower Upper

225 100

223 64.4 51.8 77.8

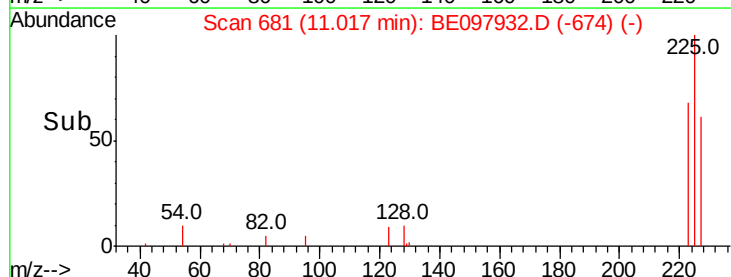
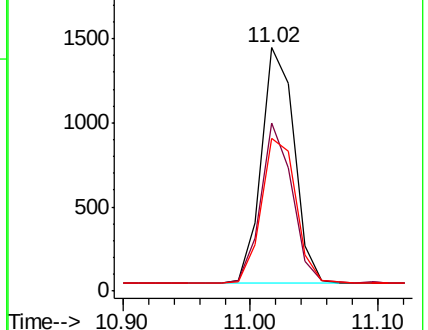
227 64.6 53.0 79.6

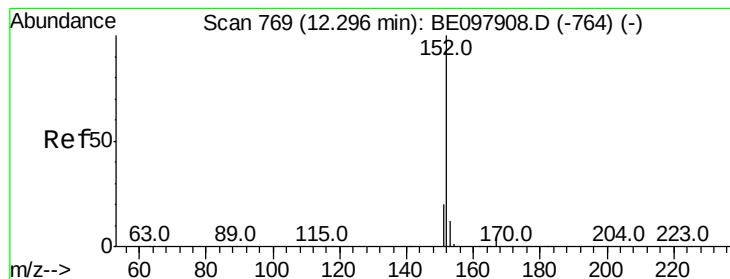


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.410 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.02 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

Instrument :

BNA_E

ClientSampleId :

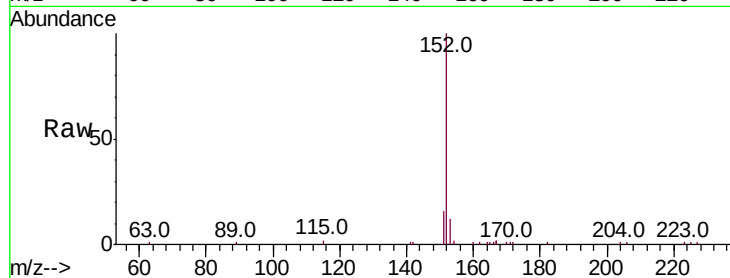
SSTDCCC0.4

Tot Ion:152 Resp: 8083

Ion Ratio Lower Upper

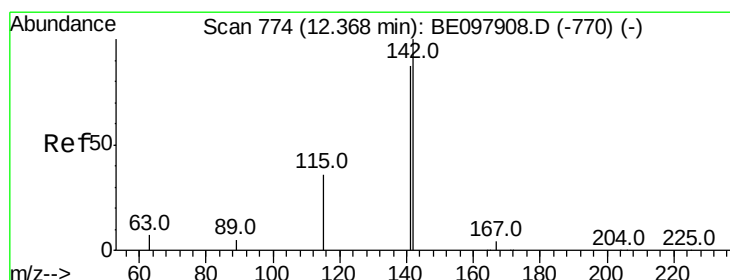
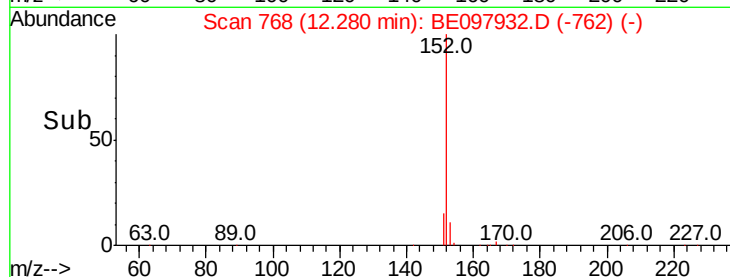
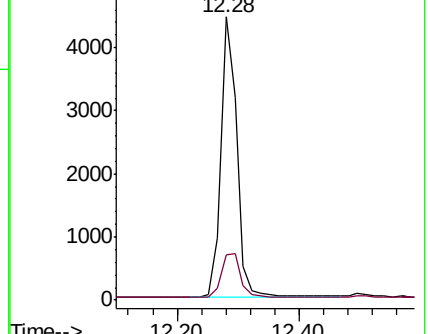
152 100

151 18.9 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: 0.414 ng

RT: 12.35 min Scan# 773

Delta R.T. -0.02 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

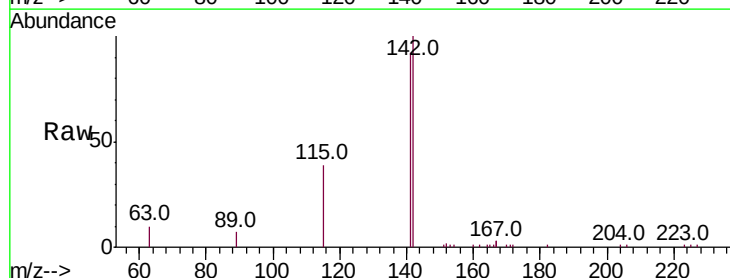
Tgt Ion:142 Resp: 8368

Ion Ratio Lower Upper

142 100

141 92.4 69.8 104.6

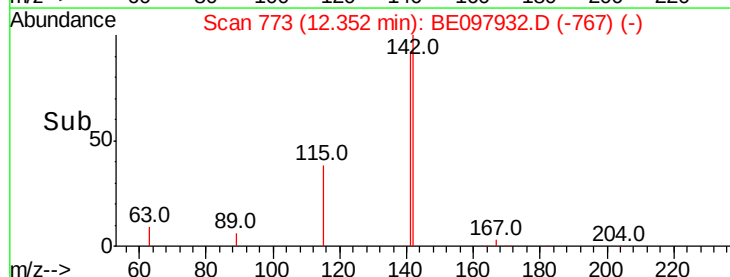
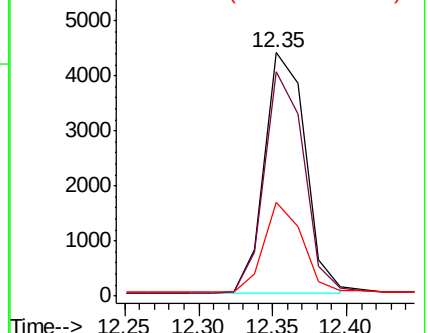
115 38.6 30.5 45.7

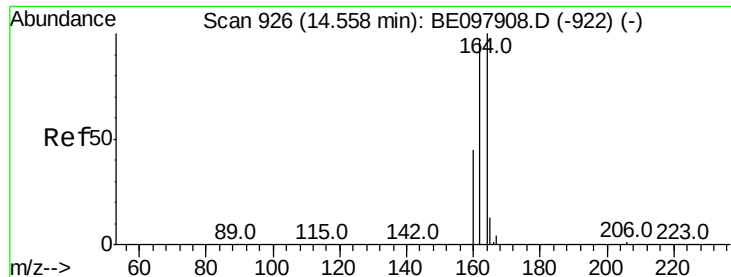


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

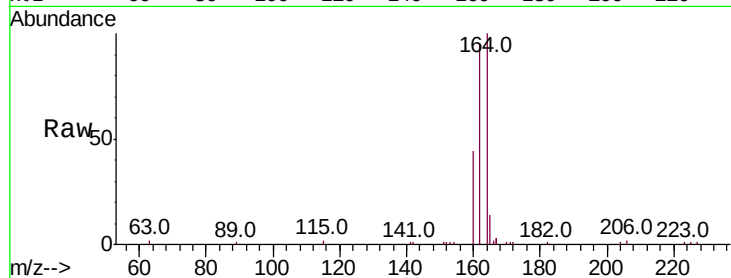
Tot Ion:164 Resp: 8328

Ion Ratio Lower Upper

164 100

162 95.3 77.4 116.2

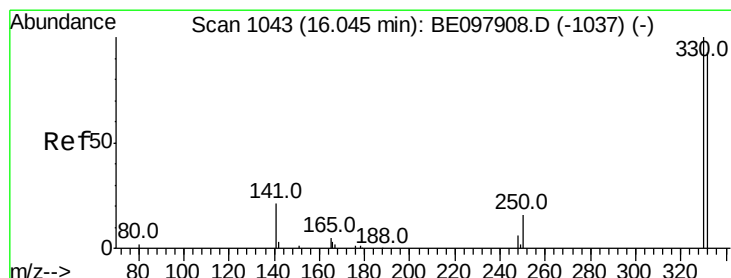
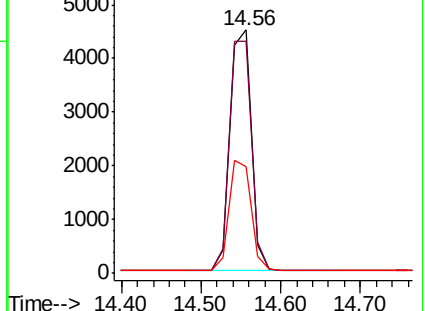
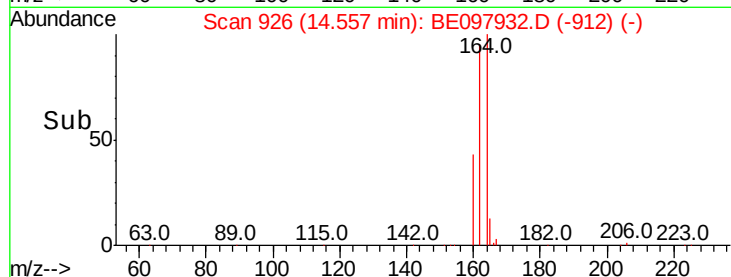
160 43.6 36.5 54.7



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: 0.395 ng

RT: 16.04 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

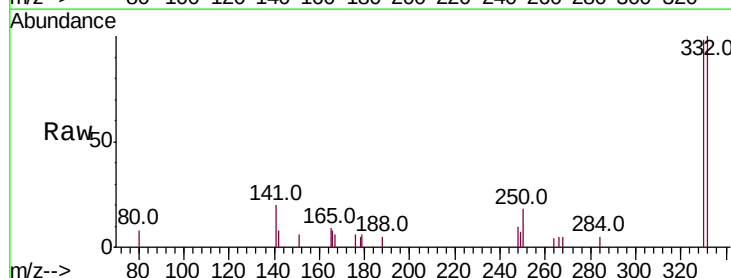
Tgt Ion:330 Resp: 1770

Ion Ratio Lower Upper

330 100

332 97.8 76.5 114.7

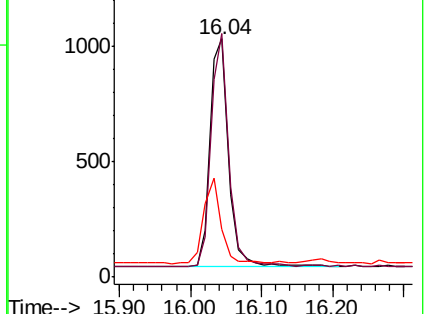
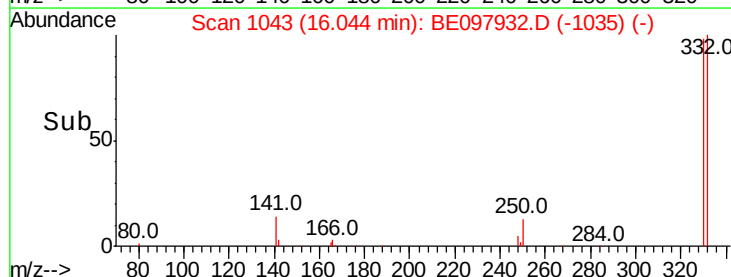
141 34.7 31.8 47.6

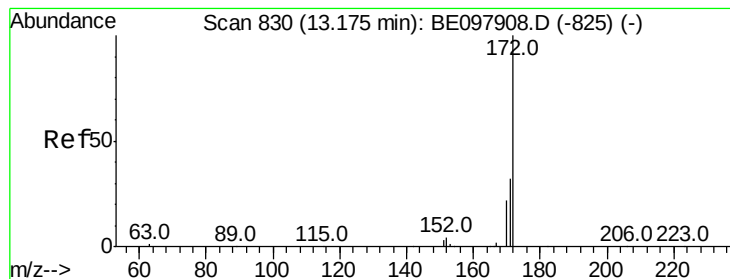


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.373 ng

RT: 13.17 min Scan# 830

Delta R.T. -0.00 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

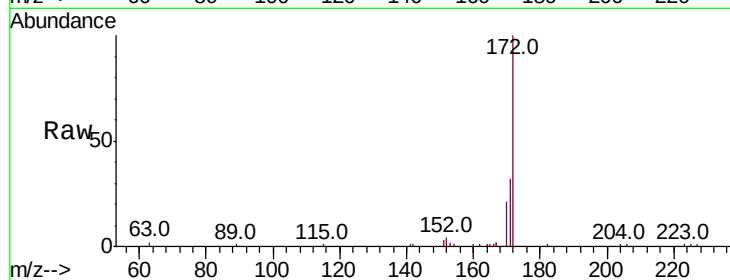
Tot Ion:172 Resp: 12711

Ion Ratio Lower Upper

172 100

171 31.6 26.0 39.0

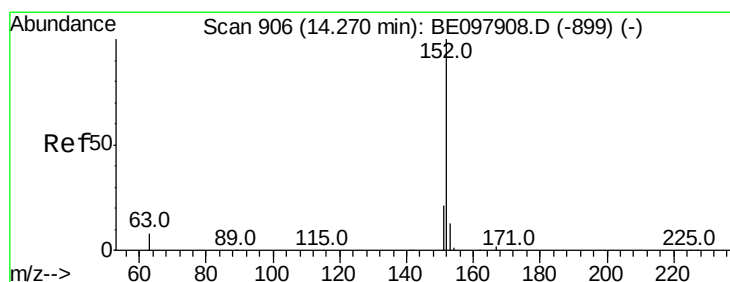
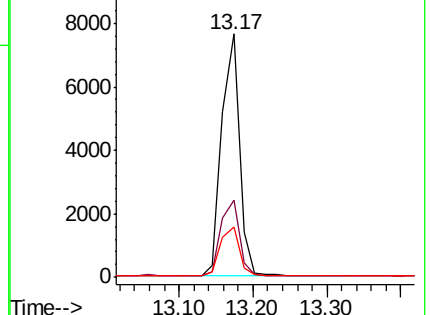
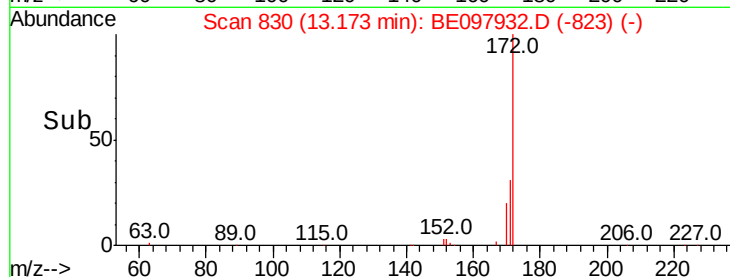
170 20.6 18.0 27.0



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: 0.396 ng

RT: 14.27 min Scan# 906

Delta R.T. -0.00 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

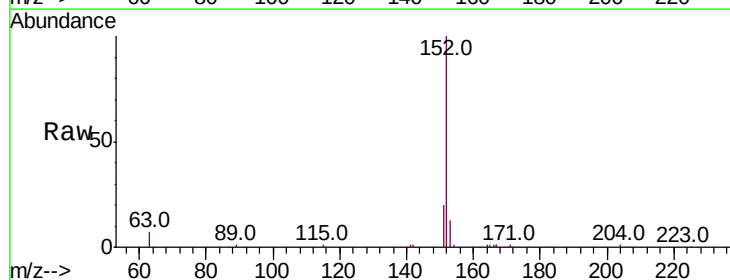
Tgt Ion:152 Resp: 15234

Ion Ratio Lower Upper

152 100

151 19.4 16.1 24.1

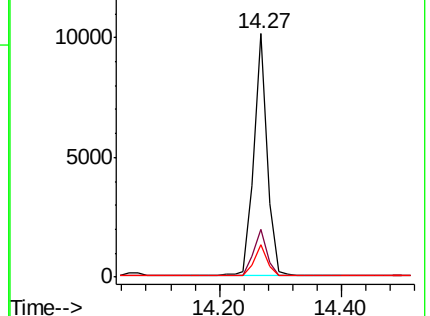
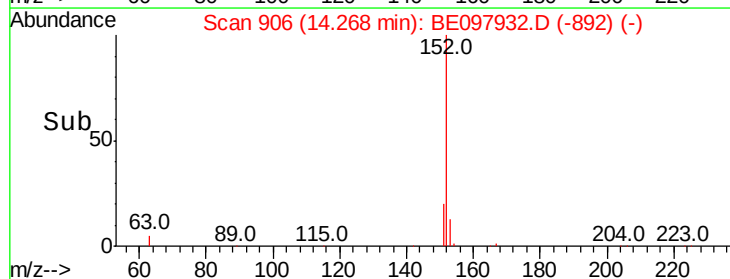
153 13.0 10.9 16.3

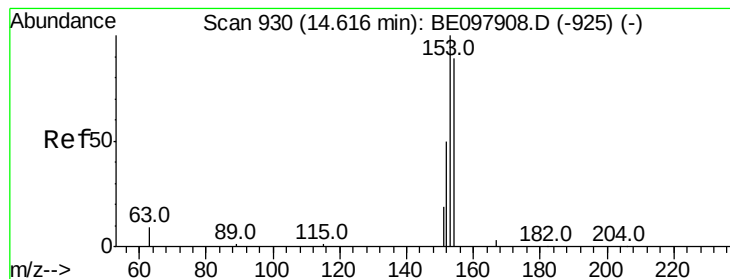


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.395 ng

RT: 14.61 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

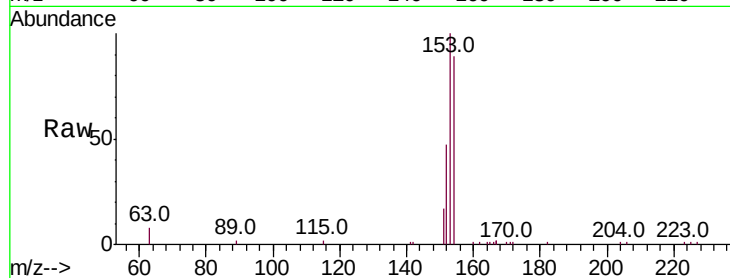
Tot Ion:154 Resp: 9281

Ion Ratio Lower Upper

154 100

153 116.0 92.6 139.0

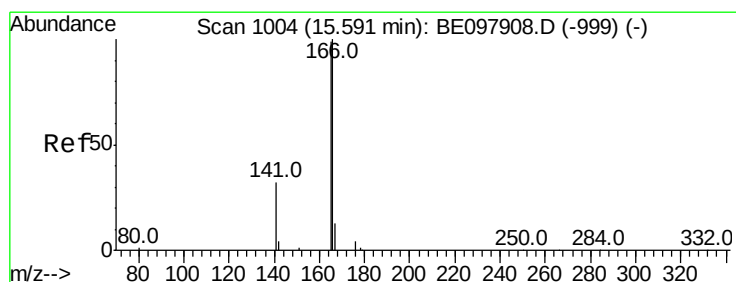
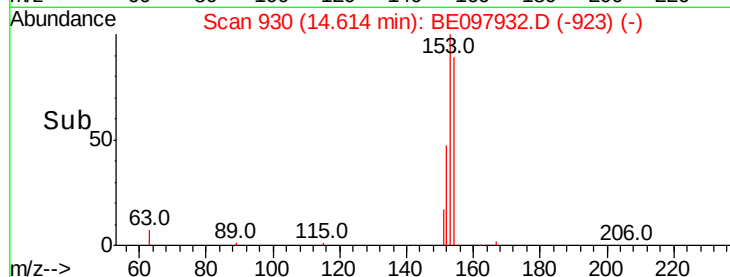
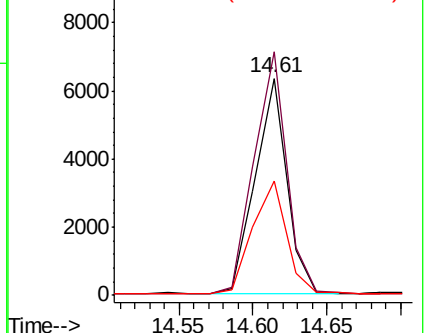
152 55.9 45.5 68.3



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: 0.413 ng

RT: 15.59 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

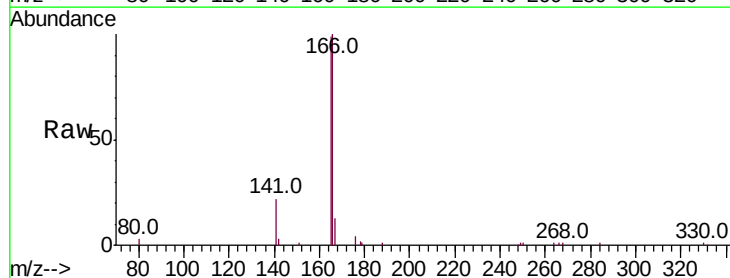
Tgt Ion:166 Resp: 13358

Ion Ratio Lower Upper

166 100

165 99.8 78.2 117.4

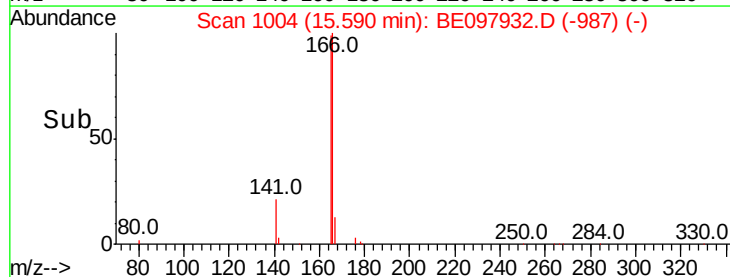
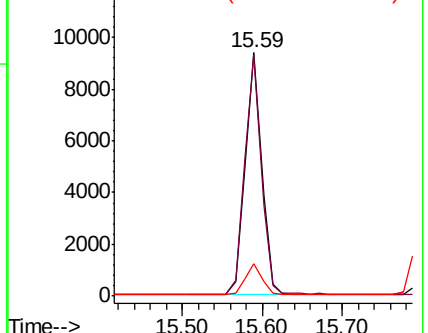
167 12.9 11.0 16.6

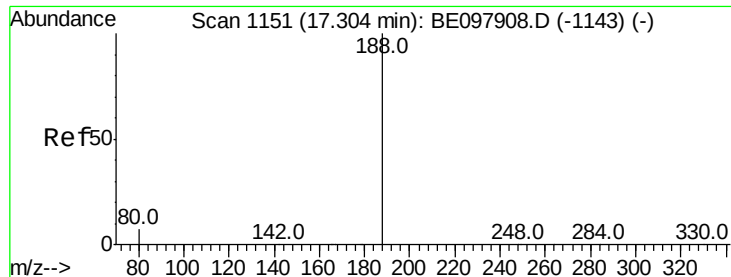


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

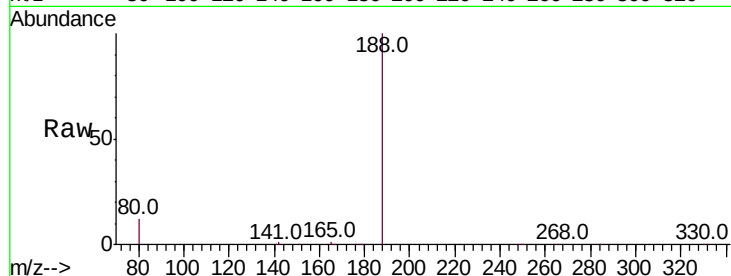
Tot Ion:188 Resp: 24952

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

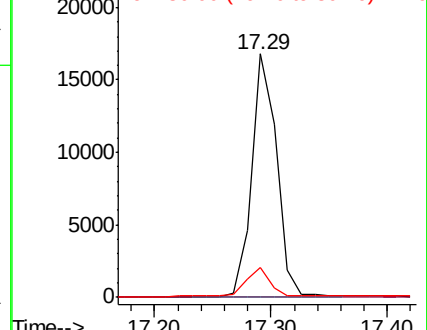
80 12.0 6.3 9.5#



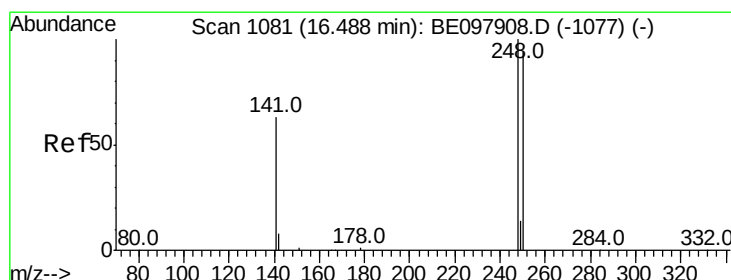
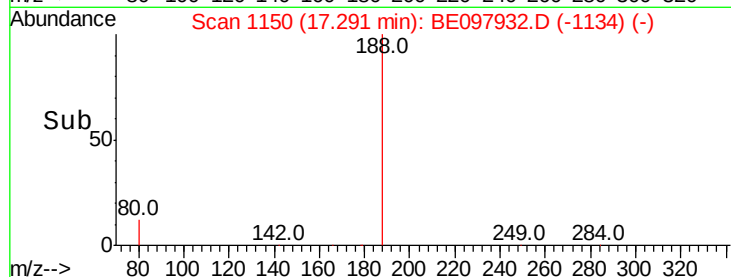
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.377 ng

RT: 16.49 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

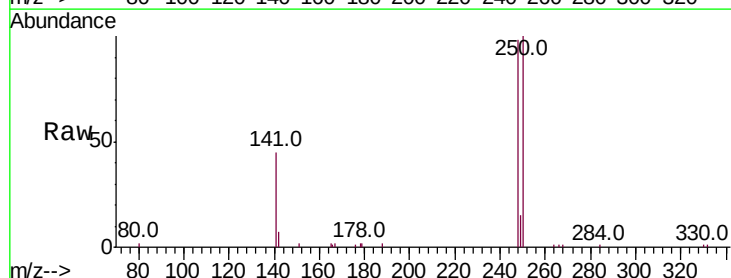
Tgt Ion:248 Resp: 5138

Ion Ratio Lower Upper

248 100

250 102.4 75.1 112.7

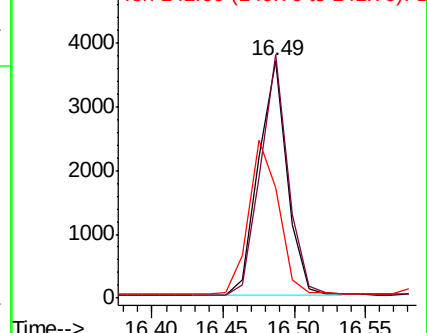
141 46.3 51.8 77.8#



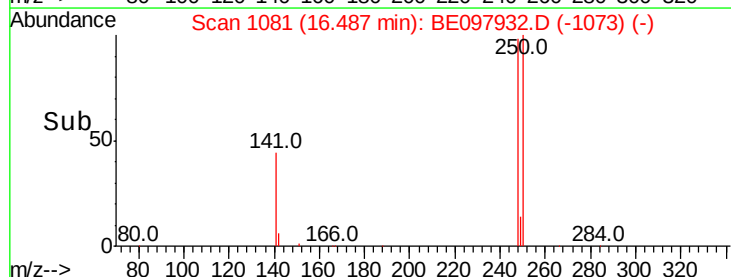
Abundance Ion 248.00 (247.70 to 248.70): E

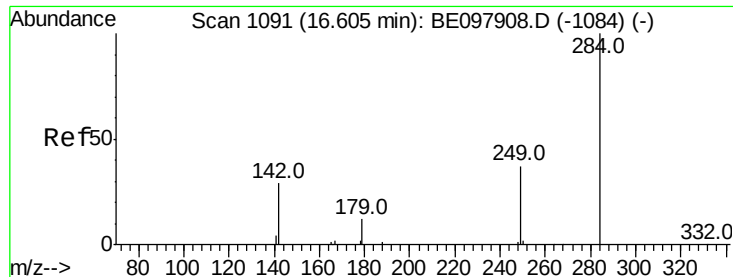
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#21

Hexachlorobenzene

Concen: 0.381 ng

RT: 16.60 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

Instrument :

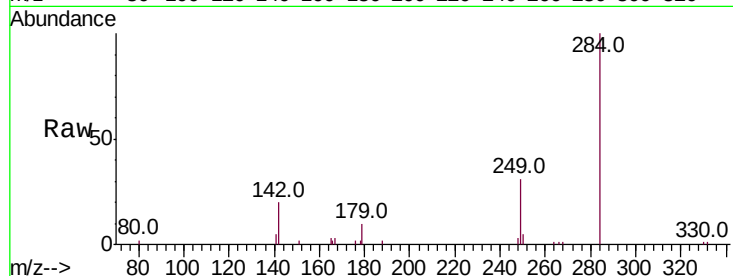
BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:284 Resp: 5114

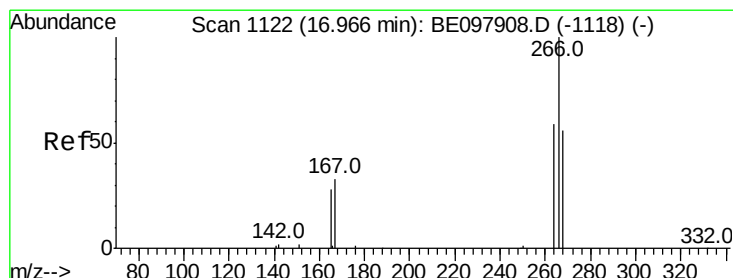
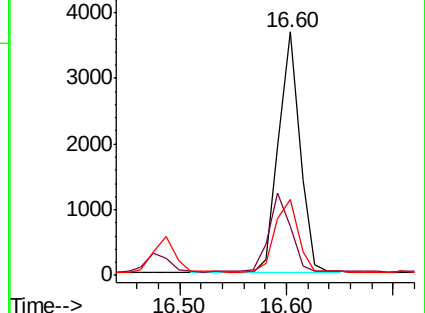
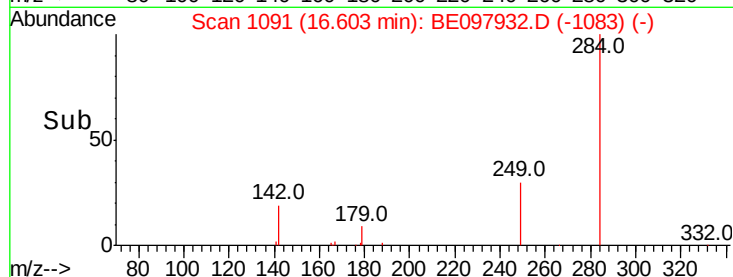
Ion	Ratio	Lower	Upper
284	100		
142	33.4	25.9	38.9
249	32.4	26.6	40.0



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: 0.540 ng

RT: 16.95 min Scan# 1121

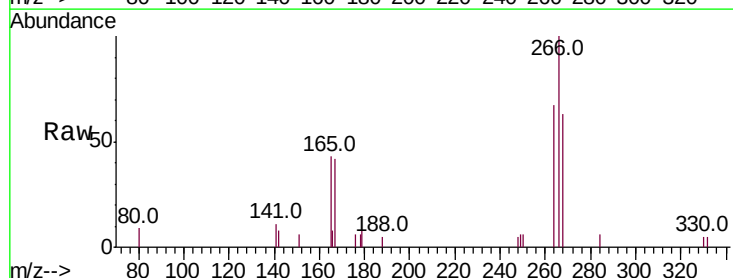
Delta R.T. -0.01 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

Tgt Ion:266 Resp: 1847

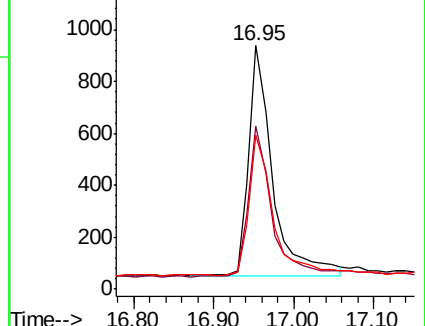
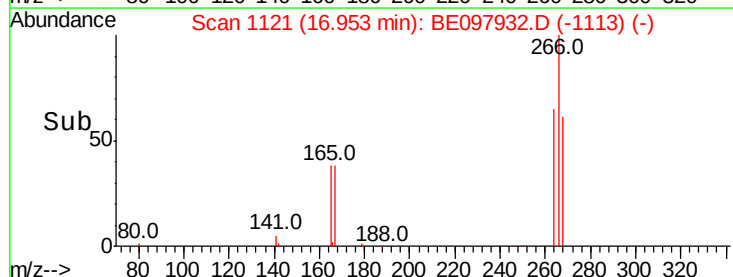
Ion	Ratio	Lower	Upper
266	100		
264	67.0	51.3	76.9
268	63.3	50.1	75.1

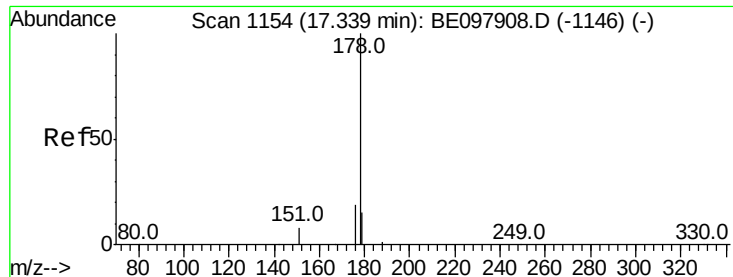


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.391 ng

RT: 17.34 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

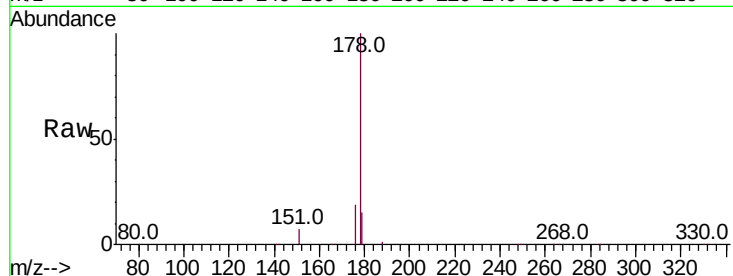
Tot Ion:178 Resp: 24806

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

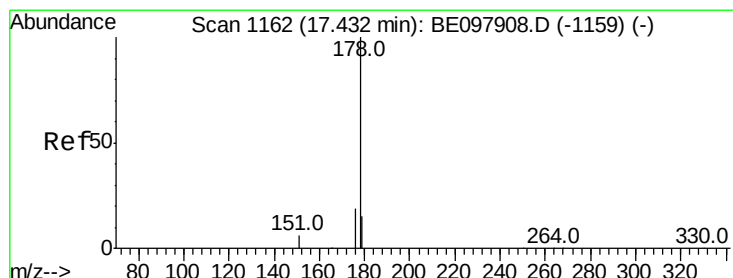
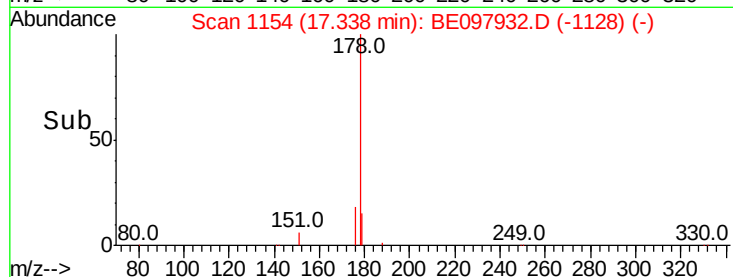
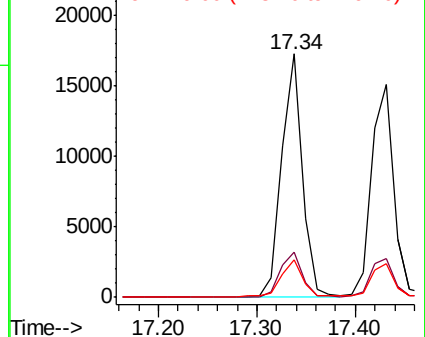
179 15.3 12.2 18.4



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: 0.388 ng

RT: 17.43 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

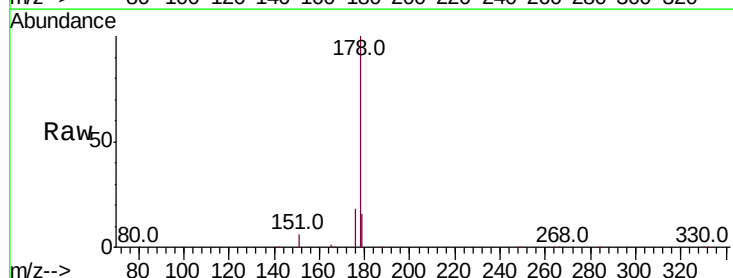
Tgt Ion:178 Resp: 23267

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

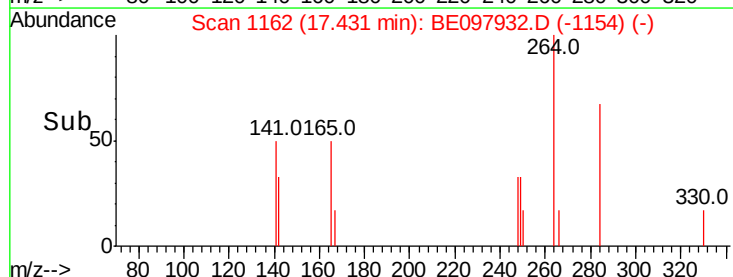
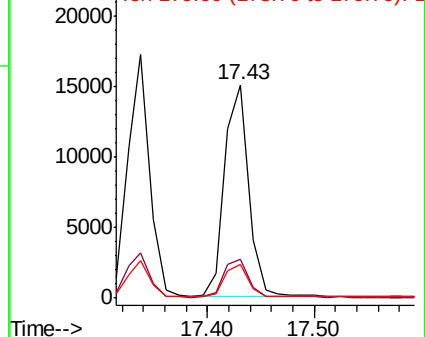
179 15.3 11.9 17.9

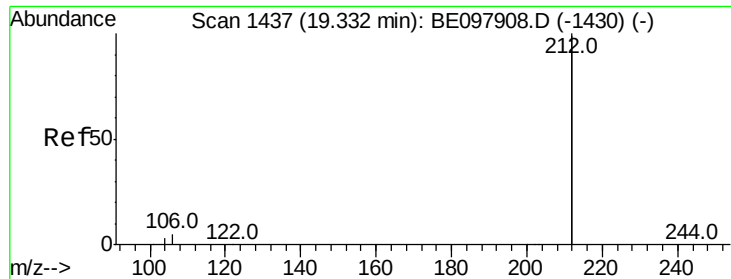


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.407 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

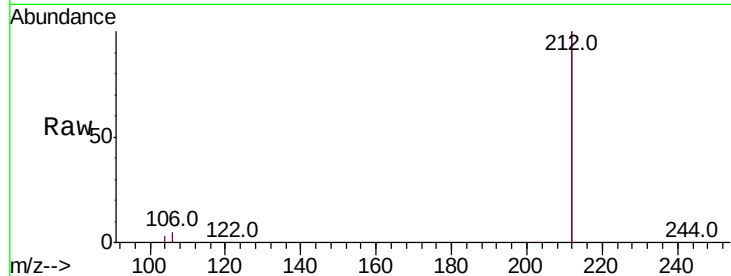
Tot Ion:212 Resp: 137626

Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

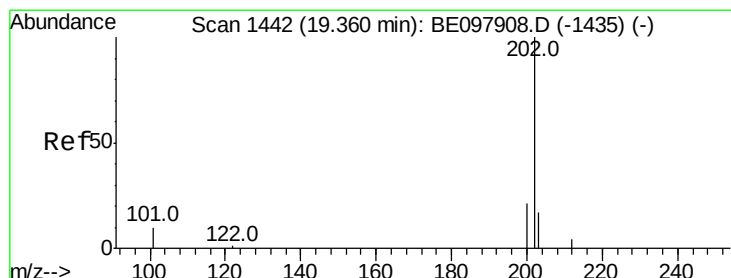
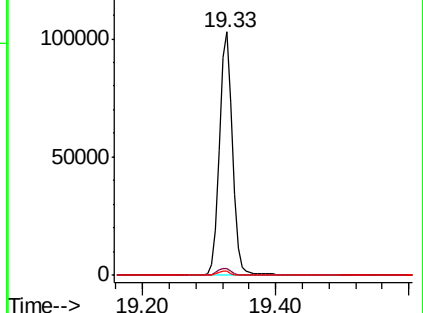
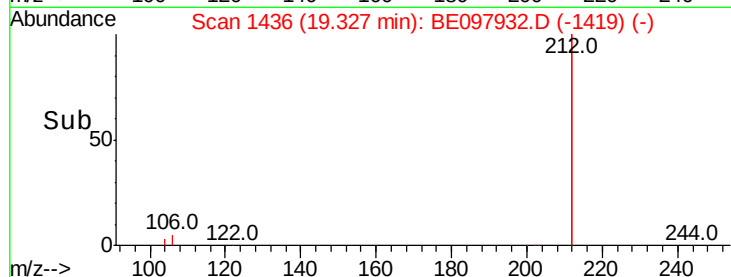
104 1.7 1.3 1.9



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: 0.417 ng

RT: 19.36 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

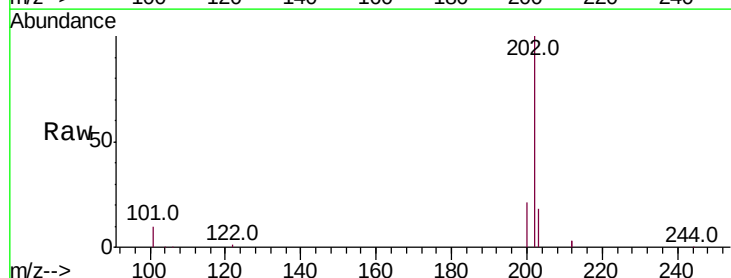
Tgt Ion:202 Resp: 34672

Ion Ratio Lower Upper

202 100

101 11.0 8.2 12.2

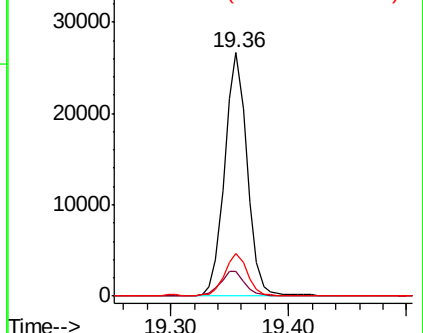
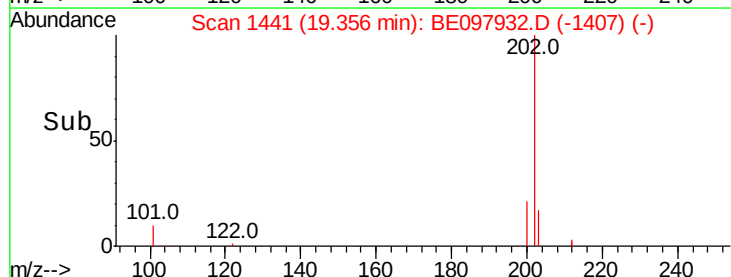
203 17.3 15.0 22.4

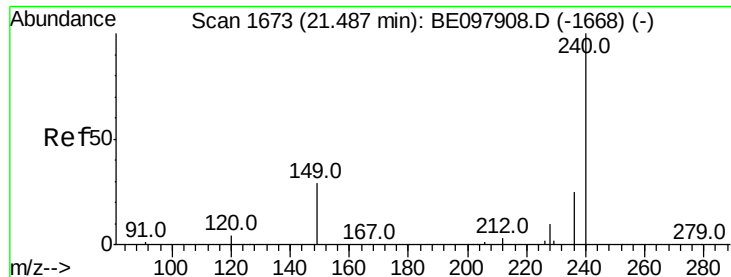


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE097932.D

Acq: 17 Oct 2018 5:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

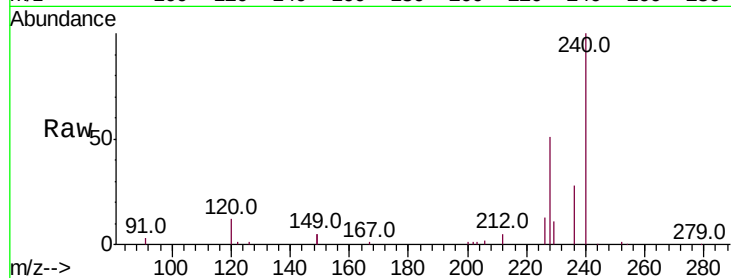
Tot Ion:240 Resp: 31962

Ion Ratio Lower Upper

240 100

120 12.2 7.1 10.7#

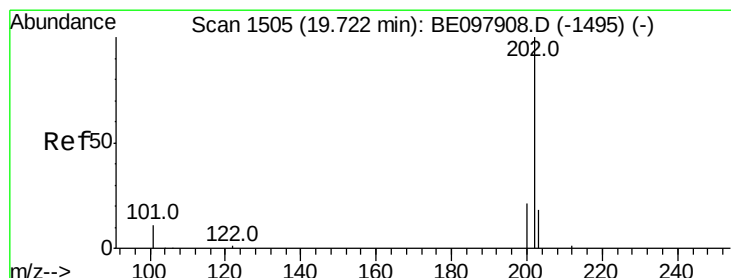
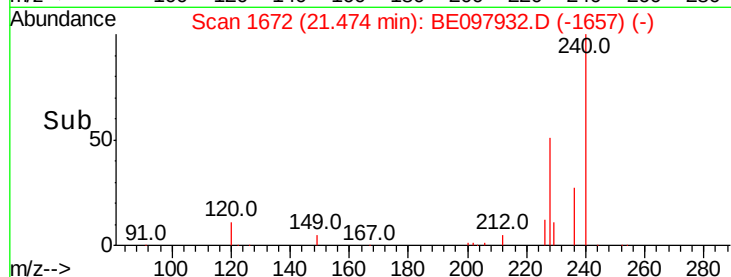
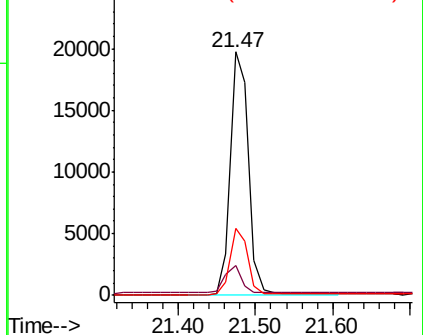
236 27.8 21.3 31.9



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: 0.407 ng

RT: 19.72 min Scan# 1504

Delta R.T. -0.00 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

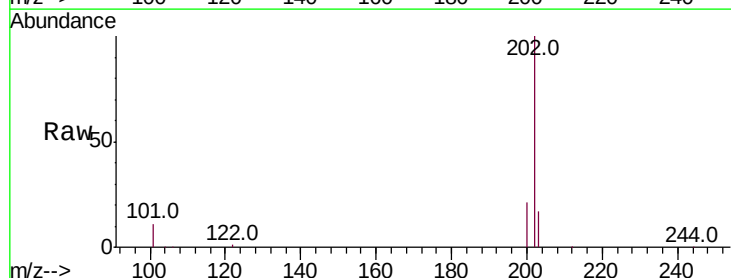
Tgt Ion:202 Resp: 37514

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

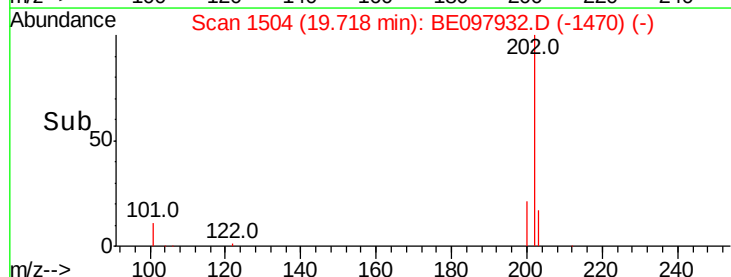
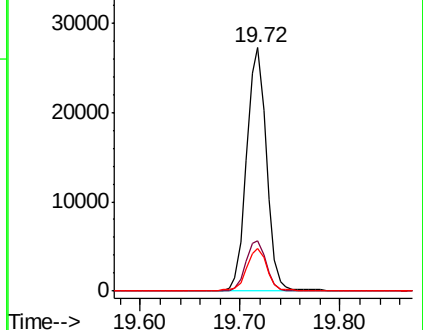
203 17.4 14.2 21.4

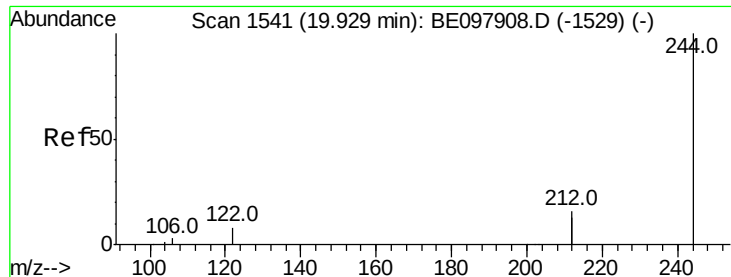


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.666 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

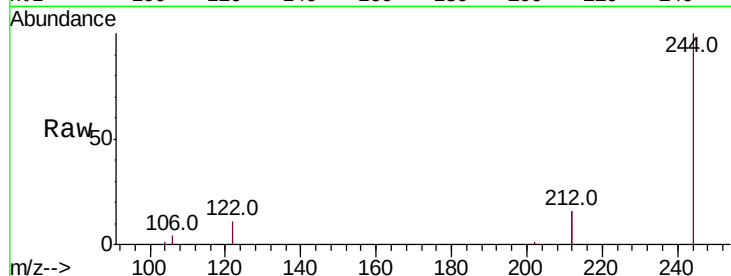
Tot Ion:244 Resp: 48799

Ion Ratio Lower Upper

244 100

212 31.4 26.2 39.2

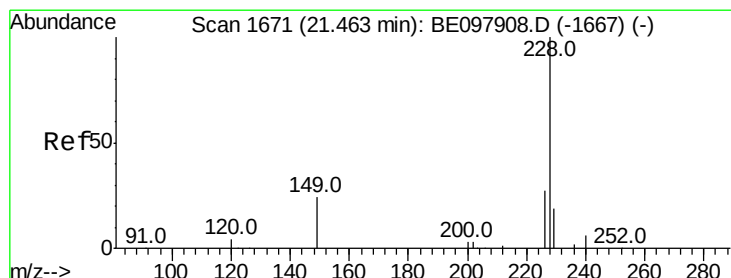
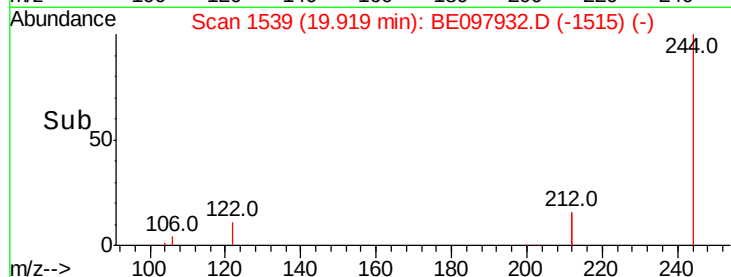
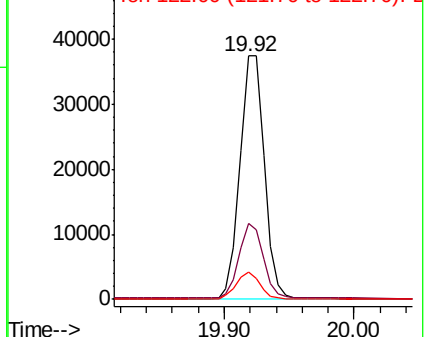
122 11.4 7.7 11.5



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: 0.387 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

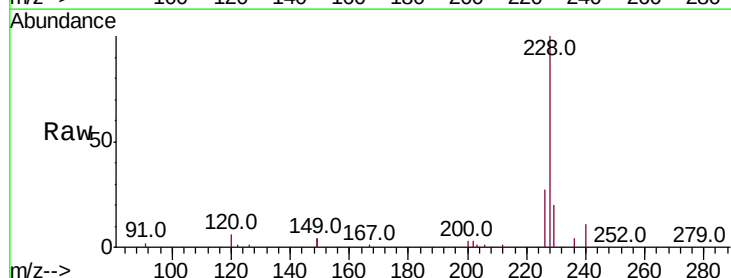
Tgt Ion:228 Resp: 37930

Ion Ratio Lower Upper

228 100

226 27.1 22.6 33.8

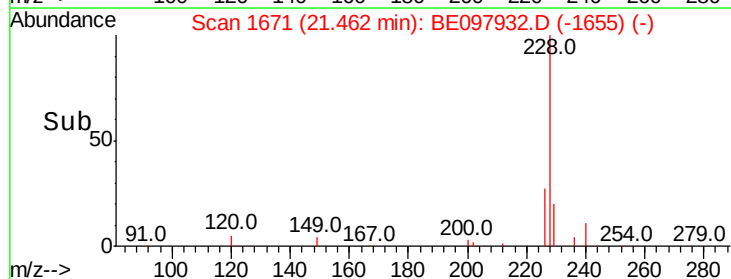
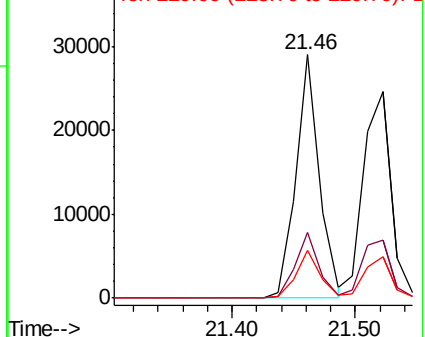
229 19.8 16.9 25.3

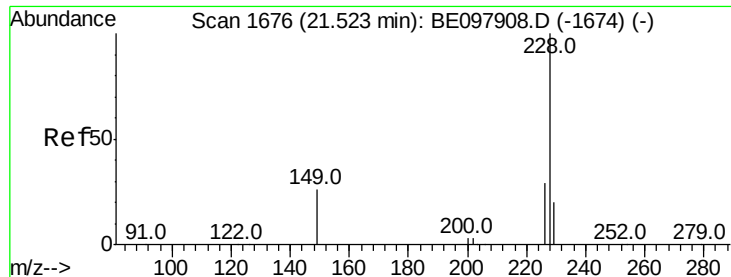


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.406 ng

RT: 21.52 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

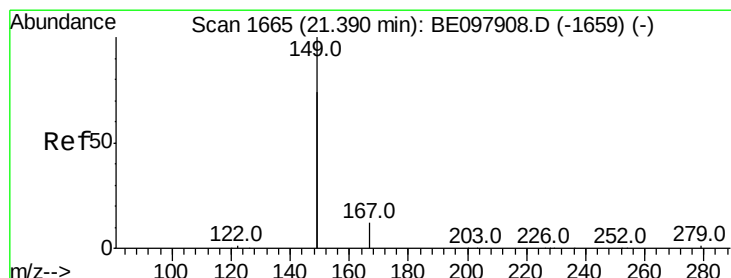
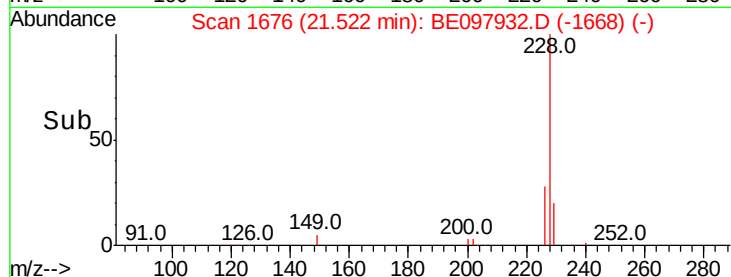
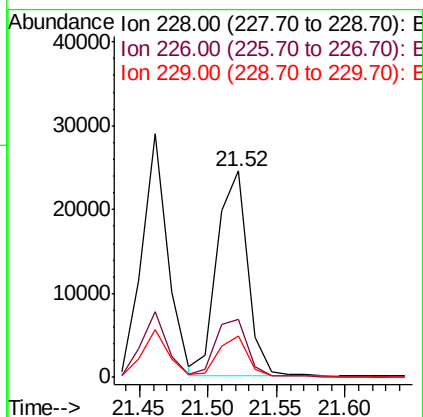
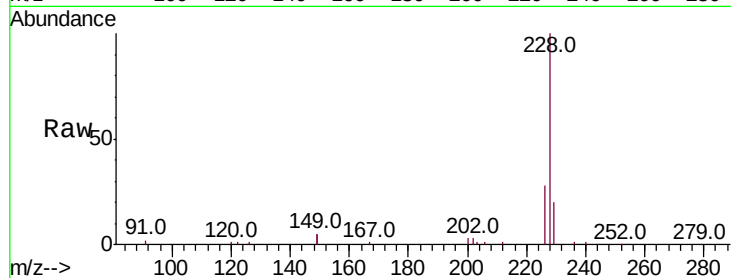
Tot Ion:228 Resp: 37661

Ion Ratio Lower Upper

228 100

226 28.3 24.3 36.5

229 20.1 17.3 25.9



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.370 ng

RT: 21.39 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

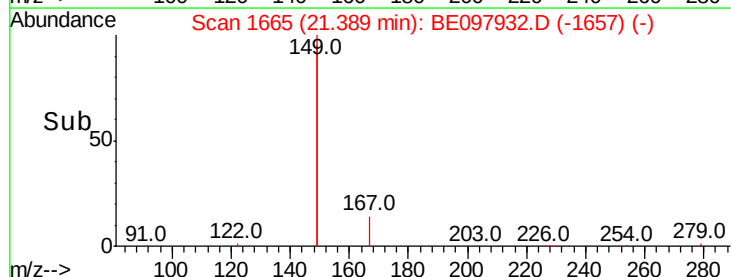
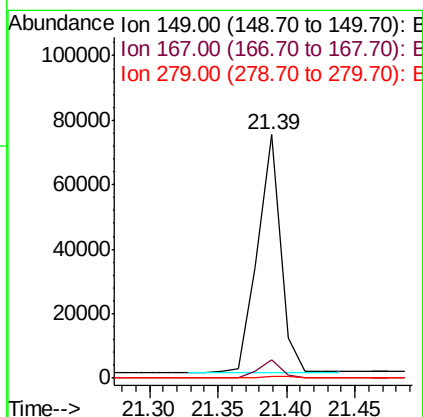
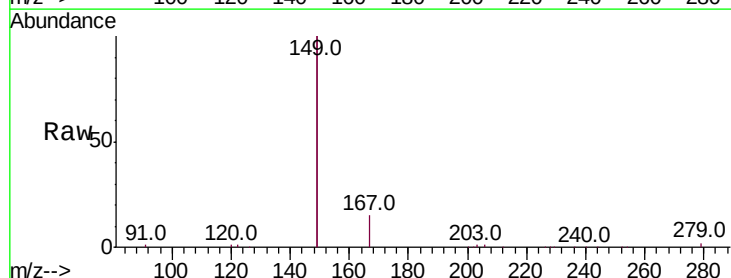
Tgt Ion:149 Resp: 86283

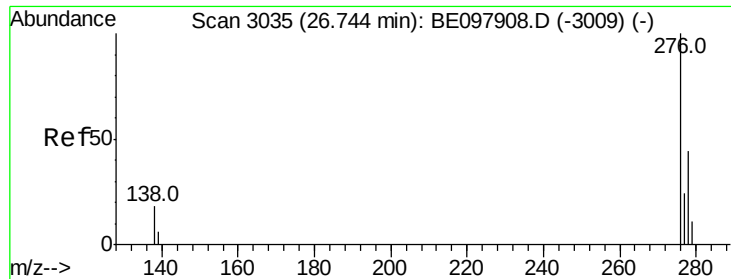
Ion Ratio Lower Upper

149 100

167 7.1 5.6 8.4

279 1.0 0.9 1.3

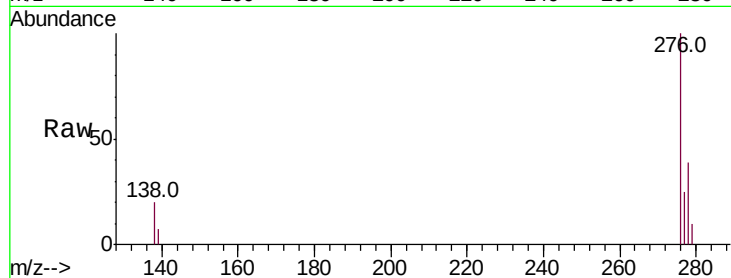




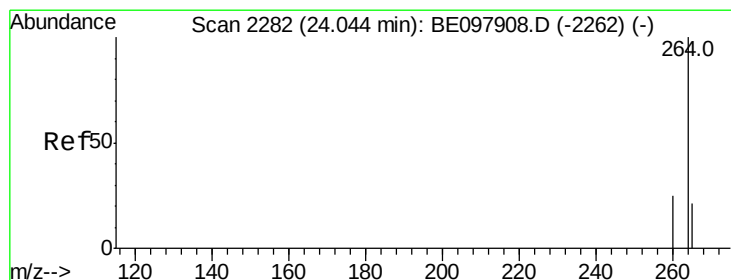
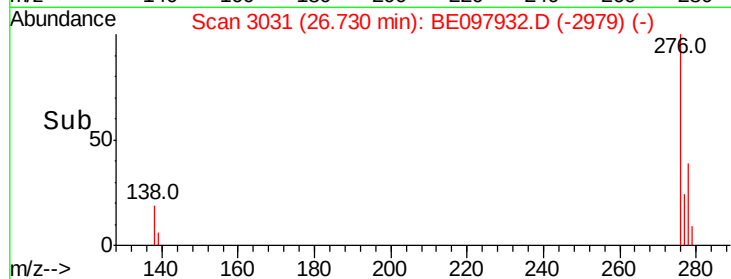
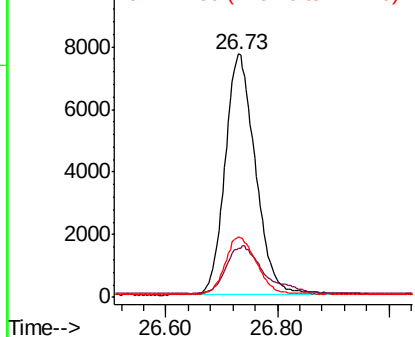
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.237 ng
 RT: 26.73 min Scan# 3031
 Delta R.T. -0.01 min
 Lab File: BE097932.D
 Acq: 17 Oct 2018 5:19

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:276 Resp: 29153
 Ion Ratio Lower Upper
 276 100
 138 24.7 17.0 25.6
 277 24.7 20.5 30.7

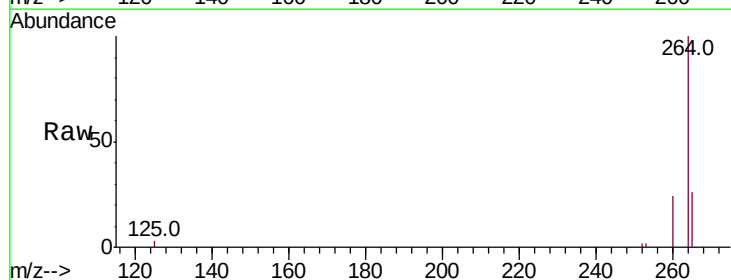


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

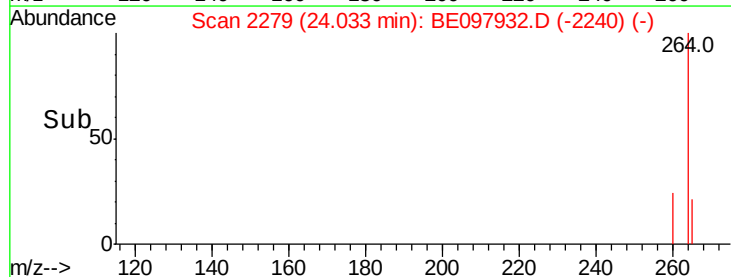
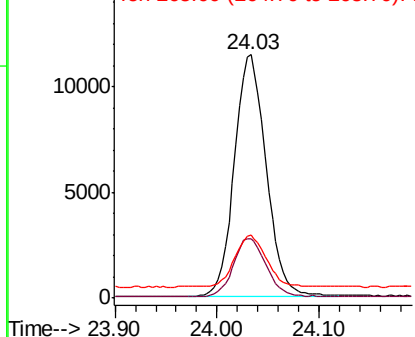


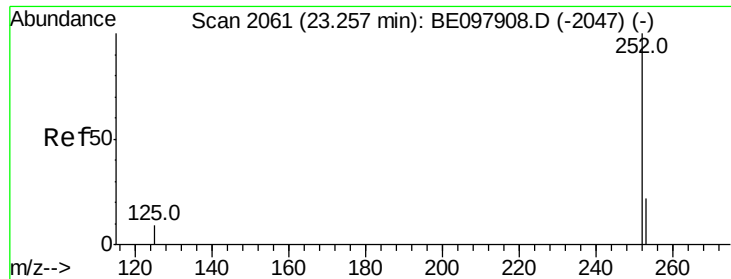
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.03 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BE097932.D
 Acq: 17 Oct 2018 5:19

Tgt Ion:264 Resp: 24699
 Ion Ratio Lower Upper
 264 100
 260 24.4 21.1 31.7
 265 25.9 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: 0.408 ng

RT: 23.25 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

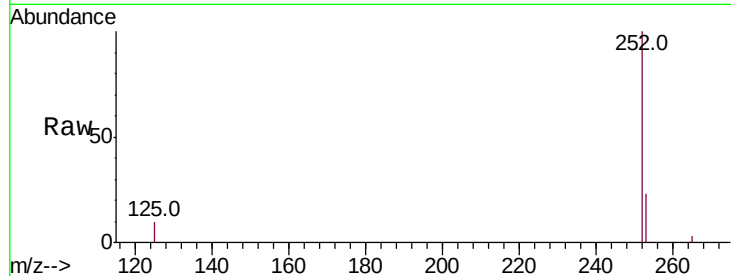
Tot Ion:252 Resp: 29026

Ion Ratio Lower Upper

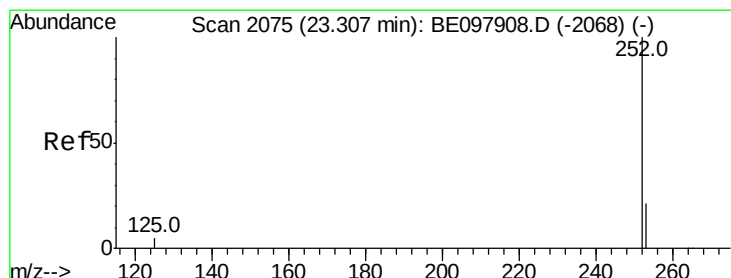
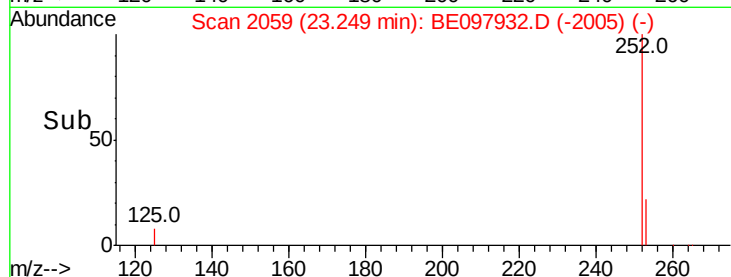
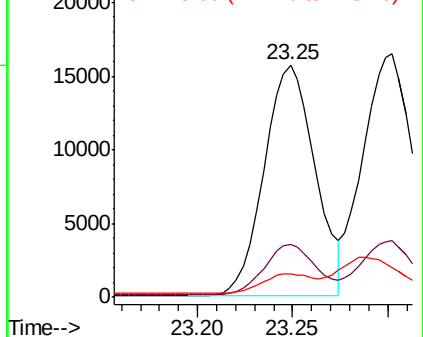
252 100

253 22.7 20.6 31.0

125 10.0 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: 0.418 ng

RT: 23.30 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

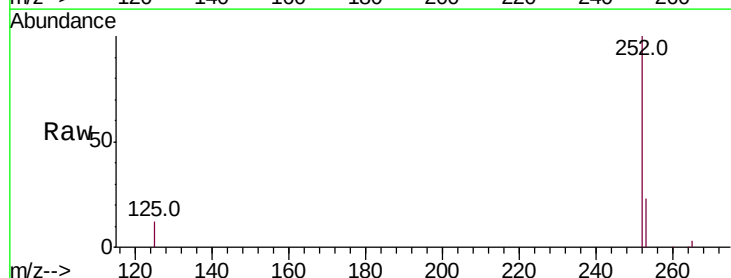
Tgt Ion:252 Resp: 30930

Ion Ratio Lower Upper

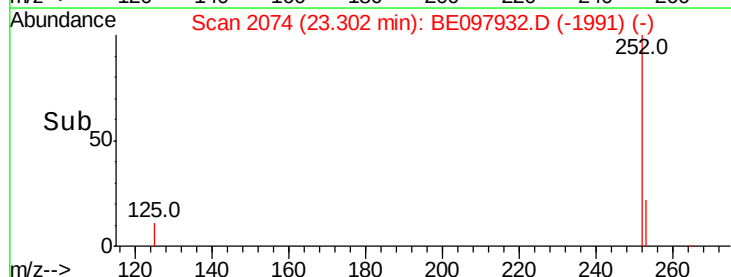
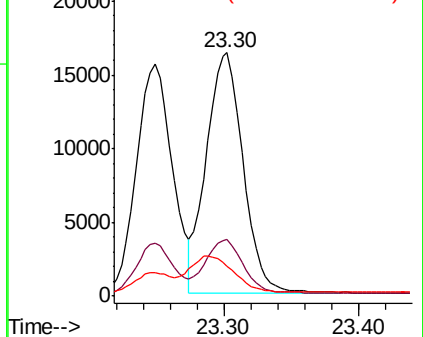
252 100

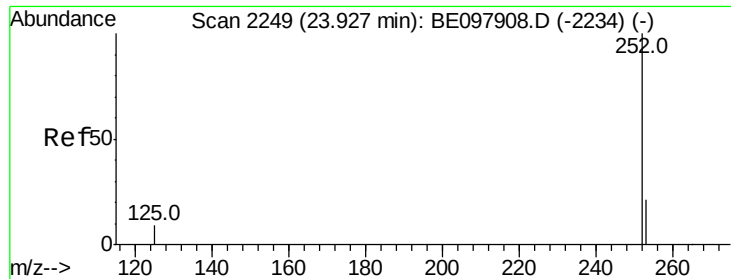
253 23.3 20.4 30.6

125 12.4 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: 0.397 ng

RT: 23.92 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

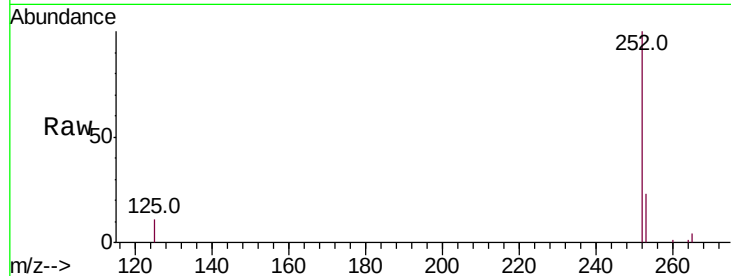
Tot Ion:252 Resp: 27475

Ion Ratio Lower Upper

252 100

253 23.1 20.6 31.0

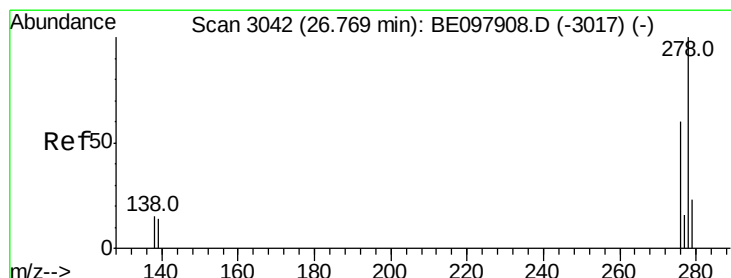
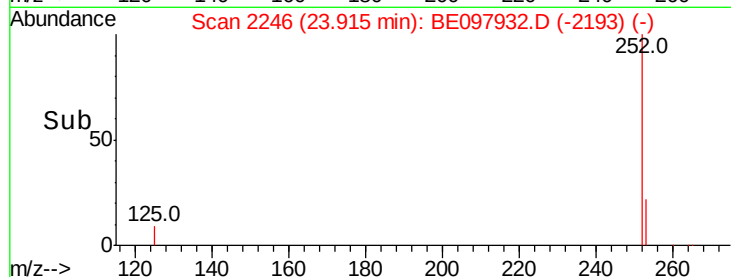
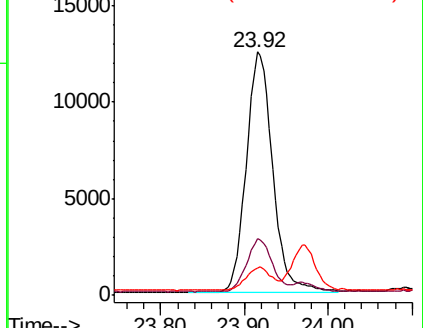
125 11.4 15.6 23.4#



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: 0.364 ng

RT: 26.76 min Scan# 3039

Delta R.T. -0.01 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

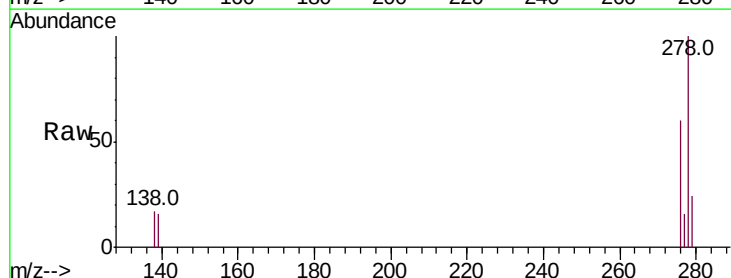
Tgt Ion:278 Resp: 24683

Ion Ratio Lower Upper

278 100

139 15.9 16.3 24.5#

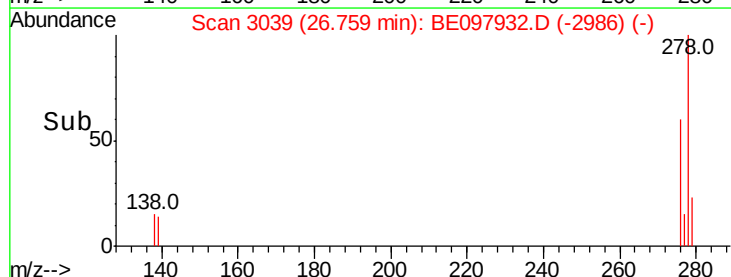
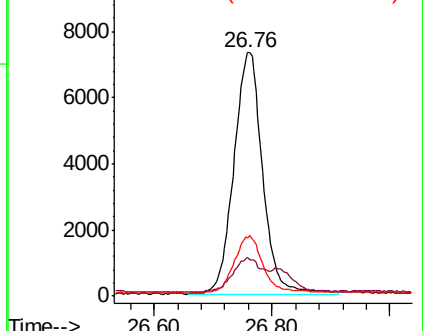
279 23.8 21.4 32.2

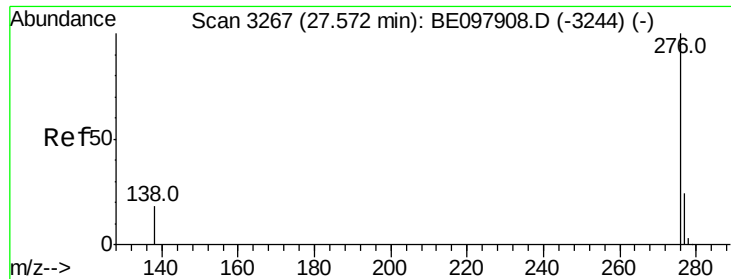


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.350 ng

RT: 27.56 min Scan# 3263

Delta R.T. -0.01 min

Lab File: BE097932.D

Acq: 17 Oct 2018 5:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

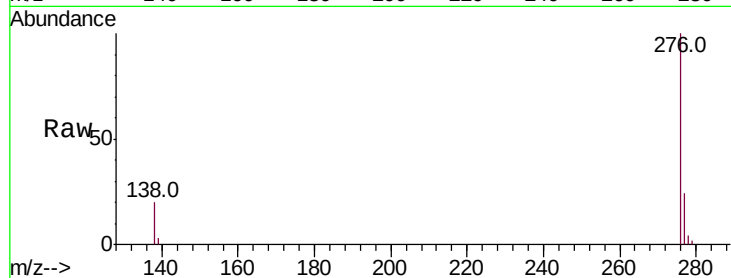
Tot Ion:276 Resp: 24331

Ion Ratio Lower Upper

276 100

277 24.3 22.1 33.1

138 20.3 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

