

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081518\
 Data File : BE097276.D
 Acq On : 15 Aug 2018 12:23
 Operator : SJ/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Aug 15 13:12:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE081518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 13:00:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1110	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5874	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3363	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	7460	0.40	ng	0.00
27) Chrysene-d12	20.98	240	7291	0.40	ng	0.00
34) Perylene-d12	23.22	264	6665	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.06	112	2658	1.00	ng	0.00
5) Phenol-d6	6.61	99	3973	0.98	ng	0.00
8) Nitrobenzene-d5	8.52	82	3958	0.92	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	6406	0.75	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	819	0.96	ng	-0.01
15) 2-Fluorobiphenyl	12.63	172	9231	0.74	ng	0.00
25) Fluoranthene-d10	18.81	212	55059	0.85	ng	0.00
29) Terphenyl-d14	19.43	244	10256	0.73	ng	0.00

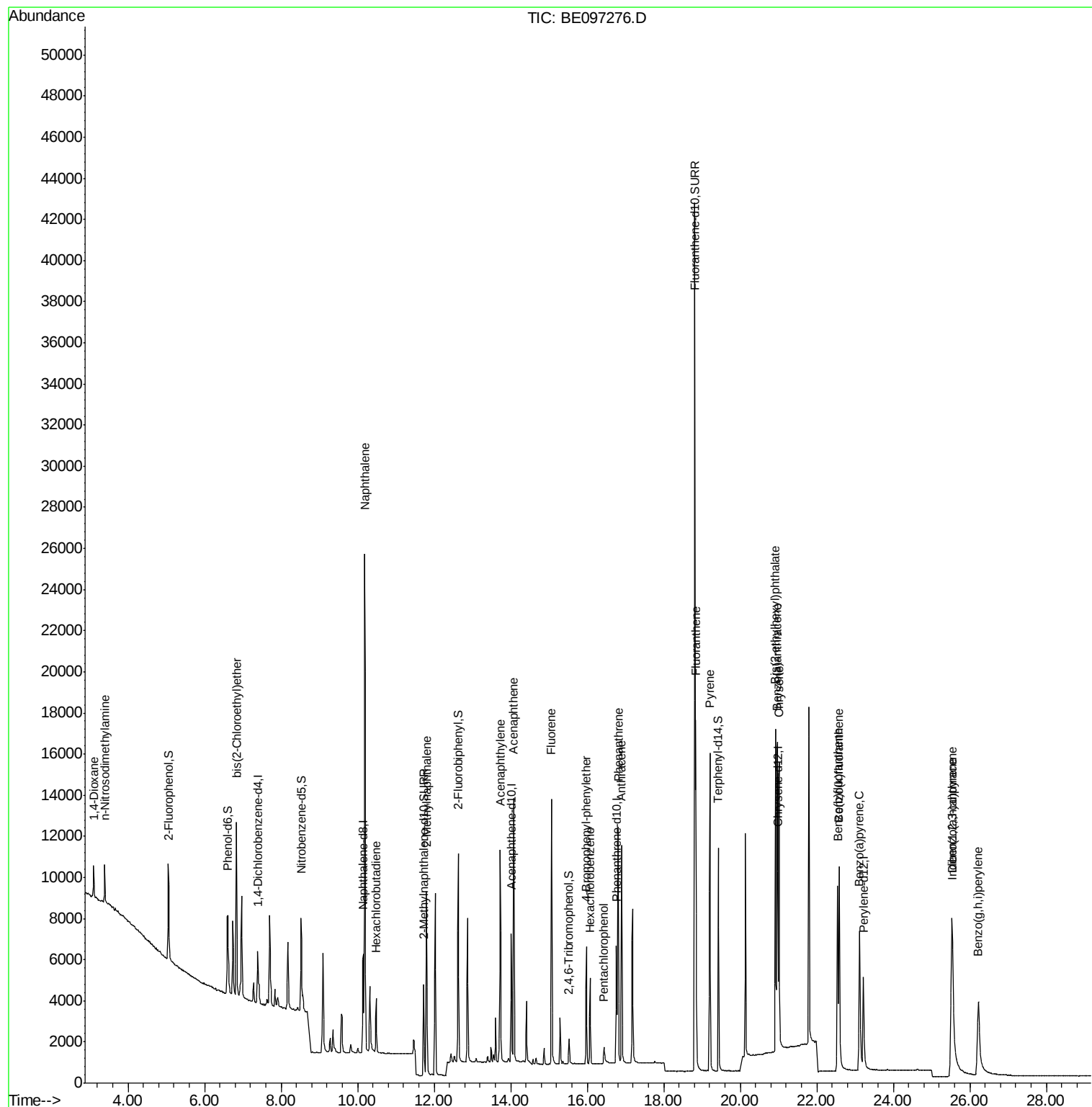
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.09	88	881	0.554	ng	# 93
3) n-Nitrosodimethylamine	3.38	42	1120	0.626	ng	# 95
6) bis(2-Chloroethyl)ether	6.84	93	3081	0.775	ng	# 95
9) Naphthalene	10.18	128	39552	0.752	ng	100
10) Hexachlorobutadiene	10.48	225	1826	0.859	ng	98
12) 2-Methylnaphthalene	11.80	142	6621	0.742	ng	100
16) Acenaphthylene	13.73	152	11338	0.738	ng	100
17) Acenaphthene	14.07	154	6532	0.684	ng	# 92
18) Fluorene	15.06	166	8157	0.761	ng	# 79
20) 4-Bromophenyl-phenylether	15.97	248	2895	0.821	ng	# 81
21) Hexachlorobenzene	16.08	284	3303	0.843	ng	# 83
22) Pentachlorophenol	16.44	266	670	1.042	ng	# 75
23) Phenanthrene	16.81	178	13451	0.753	ng	99
24) Anthracene	16.89	178	12058	0.776	ng	95
26) Fluoranthene	18.84	202	14860	0.789	ng	98
28) Pyrene	19.21	202	14358	0.667	ng	99
30) Benzo(a)anthracene	20.96	228	13932	0.802	ng	97
31) Chrysene	21.02	228	13895	0.714	ng	98
32) Bis(2-ethylhexyl)phthalate	20.92	149	16083	0.928	ng	99
33) Indeno(1,2,3-cd)pyrene	25.52	276	14787	1.042	ng	# 92
35) Benzo(b)fluoranthene	22.54	252	12109	0.712	ng	# 88
36) Benzo(k)fluoranthene	22.59	252	15198	0.751	ng	96
37) Benzo(a)pyrene	23.12	252	12318	0.809	ng	# 93
38) Dibenzo(a,h)anthracene	25.54	278	12189	0.981	ng	# 96
39) Benzo(g,h,i)perylene	26.23	276	12101	0.875	ng	# 89

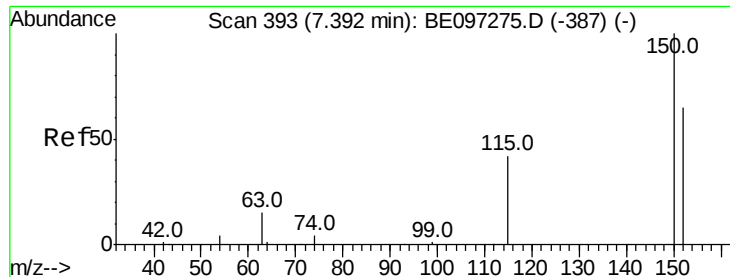
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE097276.D

Acq: 15 Aug 2018 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

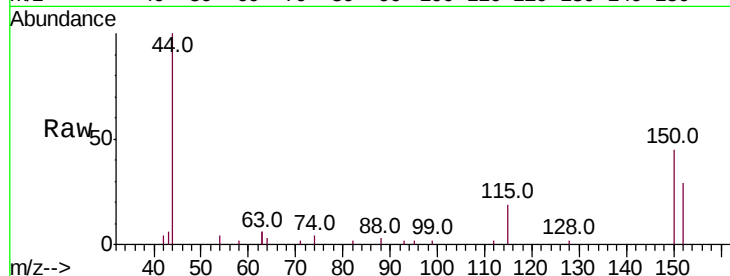
Tot Ion:152 Resp: 1110

Ion Ratio Lower Upper

152 100

150 155.0 117.2 175.8

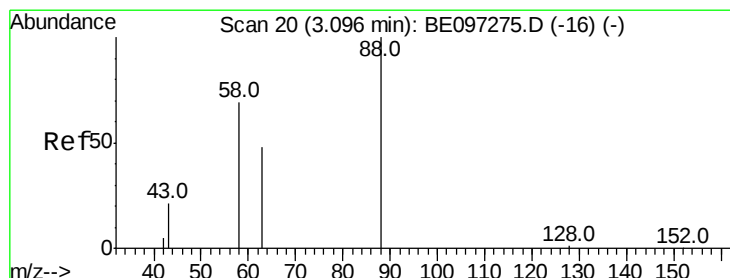
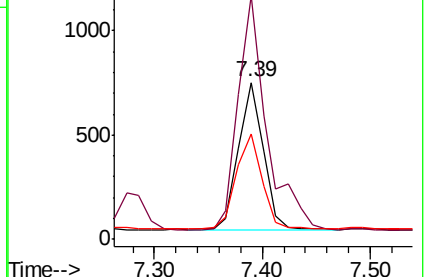
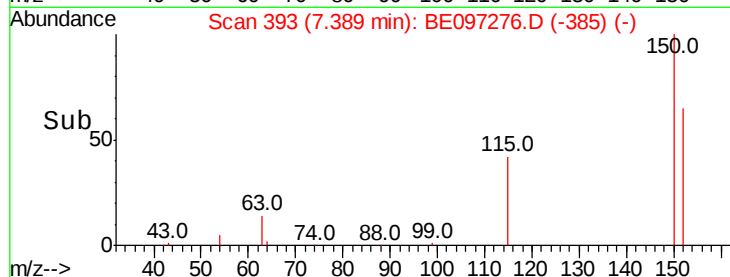
115 66.9 57.0 85.6



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: 0.554 ng

RT: 3.09 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE097276.D

Acq: 15 Aug 2018 12:23

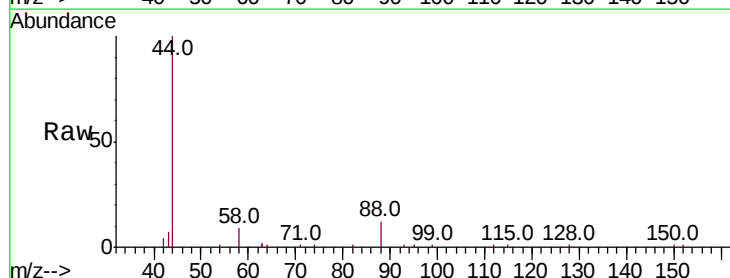
Tgt Ion: 88 Resp: 881

Ion Ratio Lower Upper

88 100

58 77.2 63.2 94.8

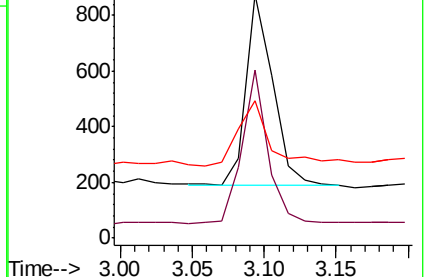
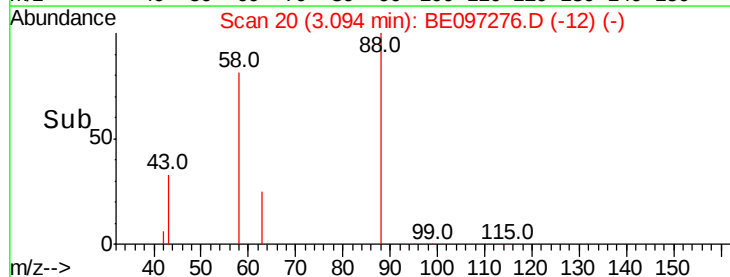
43 40.7 41.2 61.8#

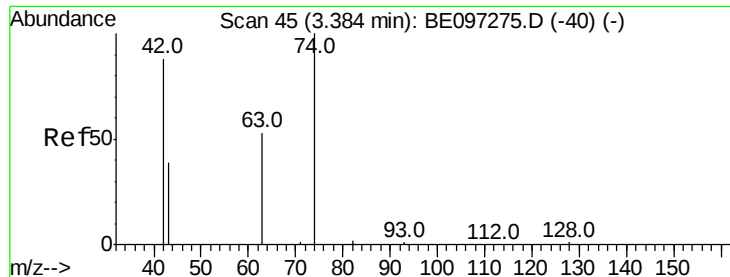


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

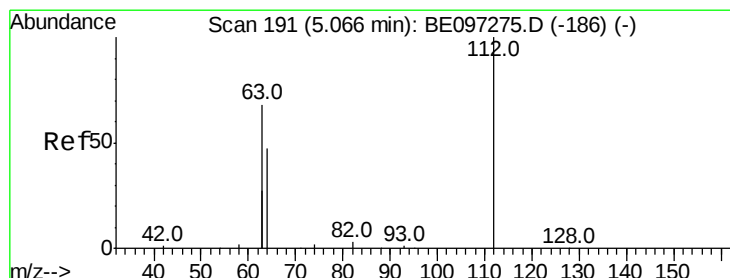
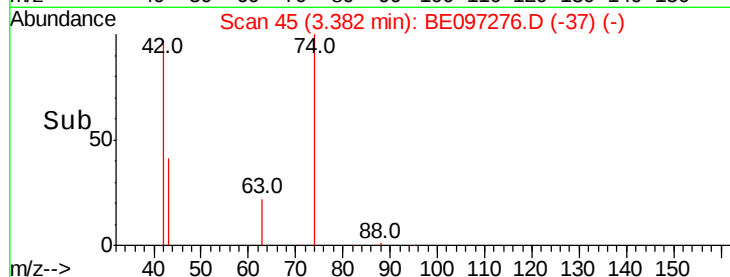
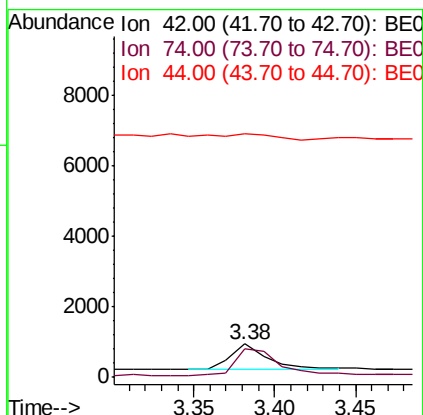
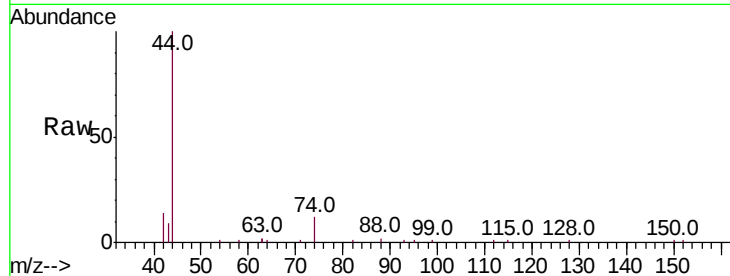




#3
n-Nitrosodimethylamine
Concen: 0.626 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

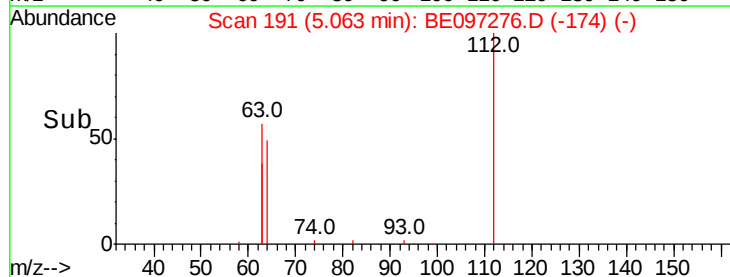
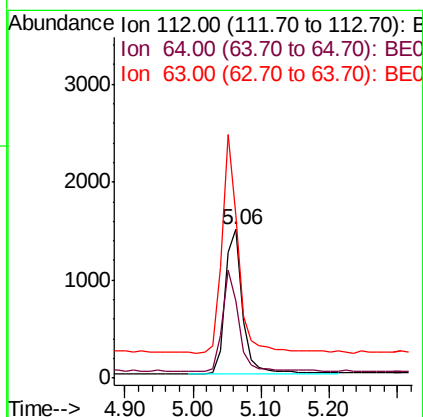
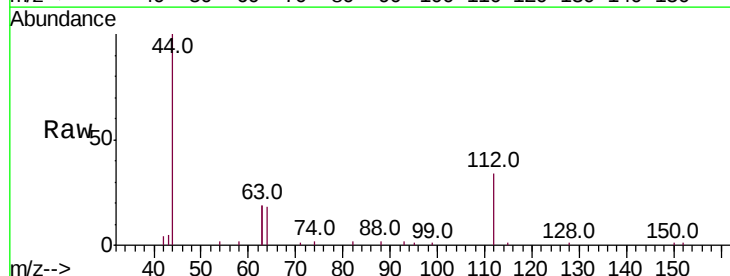
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

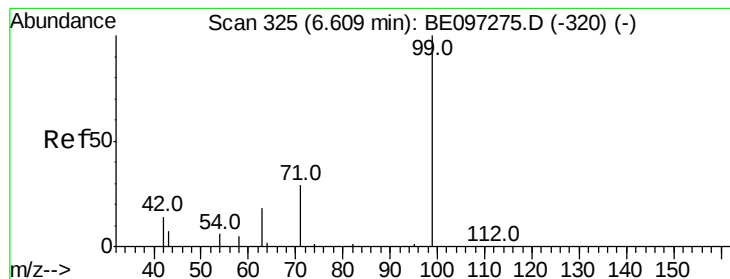
Tot Ion: 42 Resp: 1120
Ion Ratio Lower Upper
42 100
74 120.9 96.0 144.0
44 0.0 12.0 18.0#



#4
2-Fluorophenol
Concen: 1.001 ng
RT: 5.06 min Scan# 191
Delta R.T. -0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Tgt Ion: 112 Resp: 2658
Ion Ratio Lower Upper
112 100
64 65.4 60.1 90.1
63 140.4 116.8 175.2





#5

Phenol-d6

Concen: 0.980 ng

RT: 6.61 min Scan# 325

Delta R.T. -0.00 min

Lab File: BE097276.D

Acq: 15 Aug 2018 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

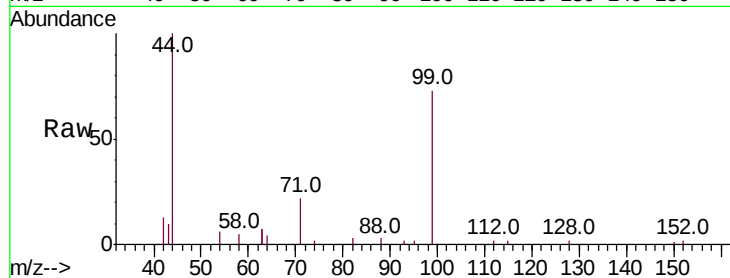
Tot Ion: 99 Resp: 3973

Ion Ratio Lower Upper

99 100

42 21.9 20.2 30.2

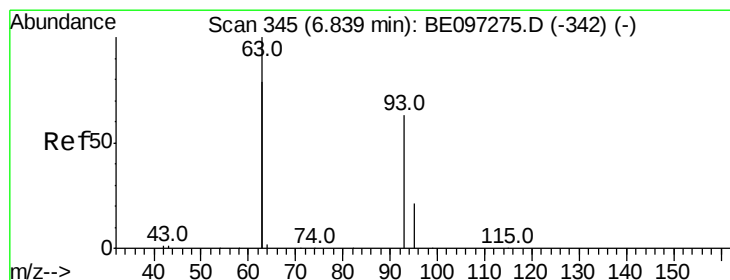
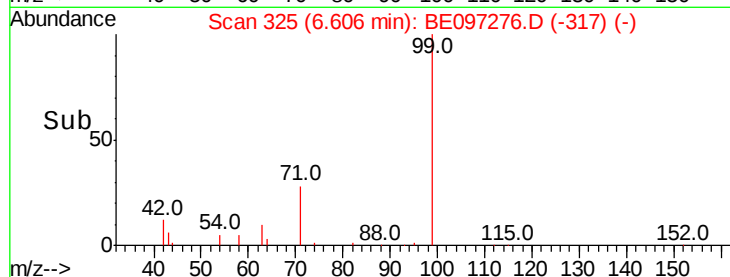
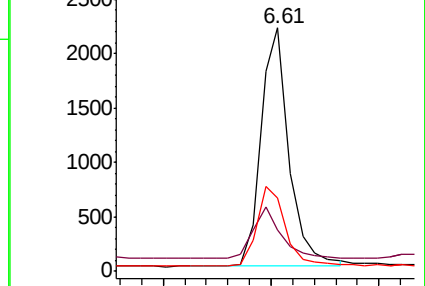
71 34.2 28.4 42.6



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: 0.775 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097276.D

Acq: 15 Aug 2018 12:23

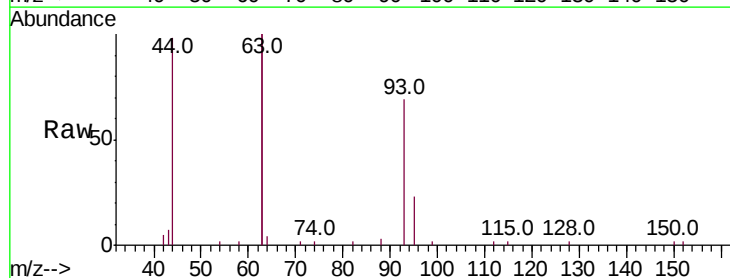
Tgt Ion: 93 Resp: 3081

Ion Ratio Lower Upper

93 100

63 332.0 275.3 412.9

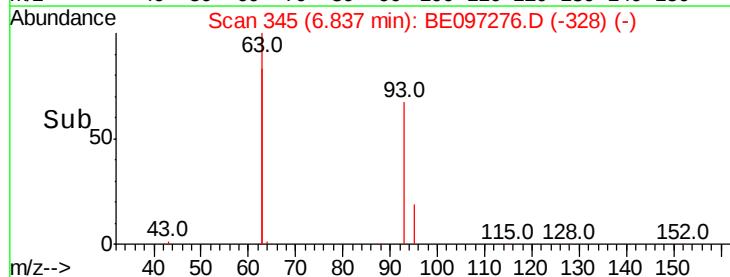
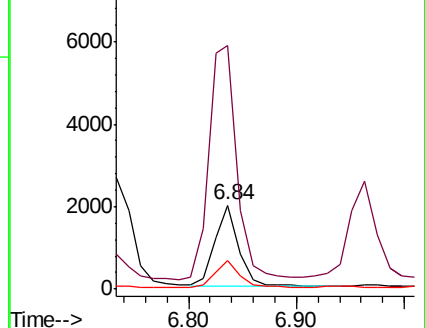
95 31.8 25.2 37.8

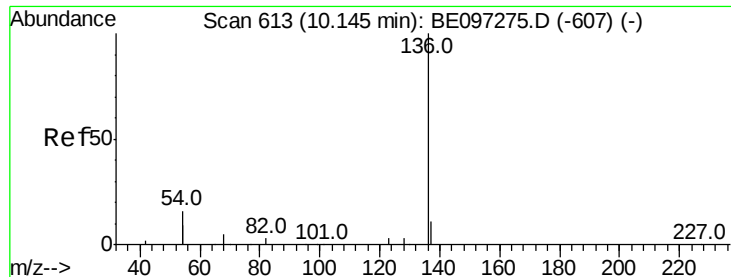


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097276.D

Acq: 15 Aug 2018 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 5874

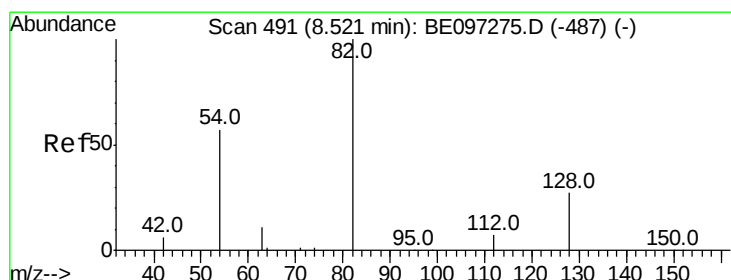
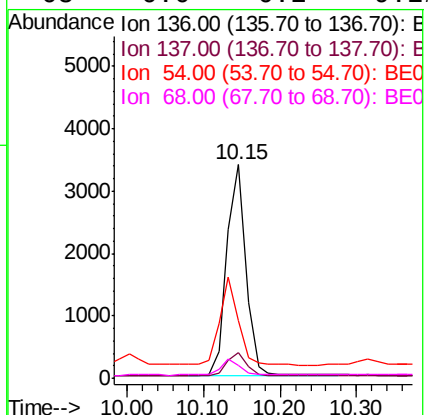
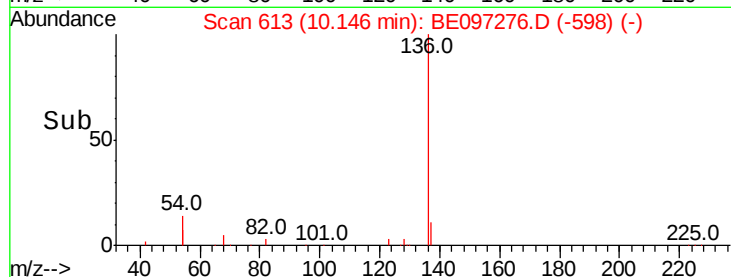
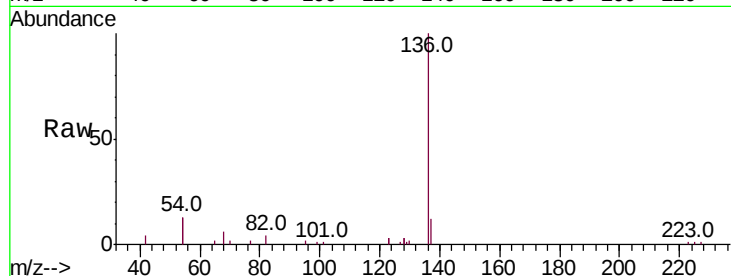
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 26.9 29.1 43.7#

68 6.0 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 0.924 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097276.D

Acq: 15 Aug 2018 12:23

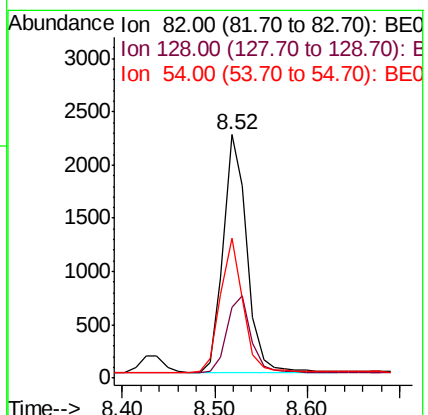
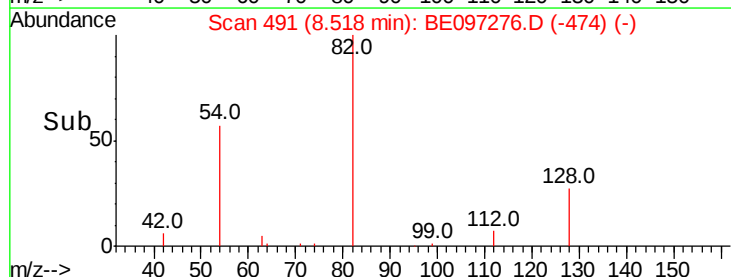
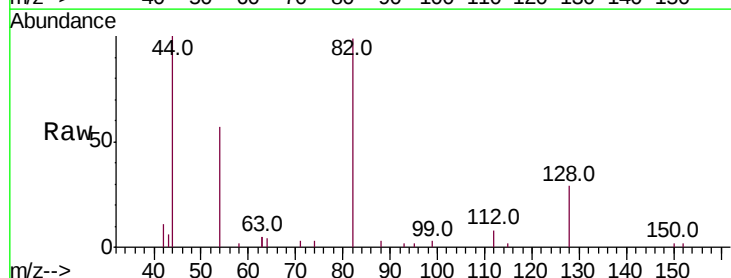
Tgt Ion: 82 Resp: 3958

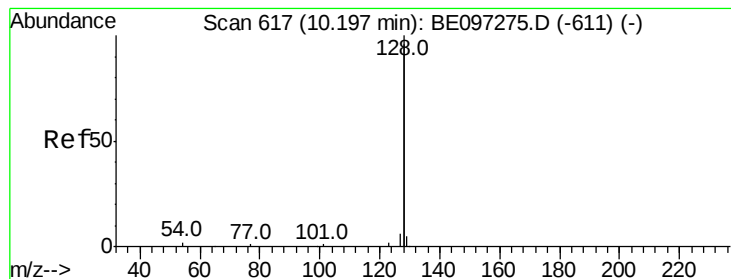
Ion Ratio Lower Upper

82 100

128 29.0 24.0 36.0

54 57.7 40.0 60.0





#9

Naphthalene

Concen: 0.752 ng

RT: 10.18 min Scan# 616

Delta R.T. -0.01 min

Lab File: BE097276.D

Acq: 15 Aug 2018 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

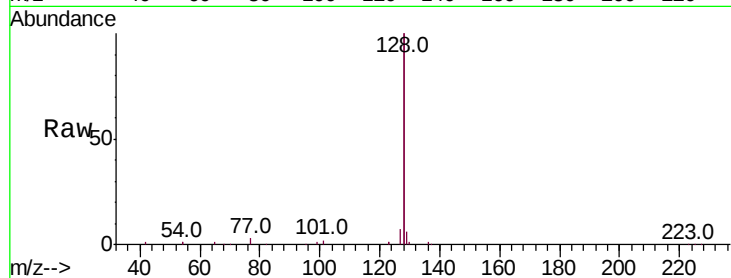
Tot Ion:128 Resp: 39552

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

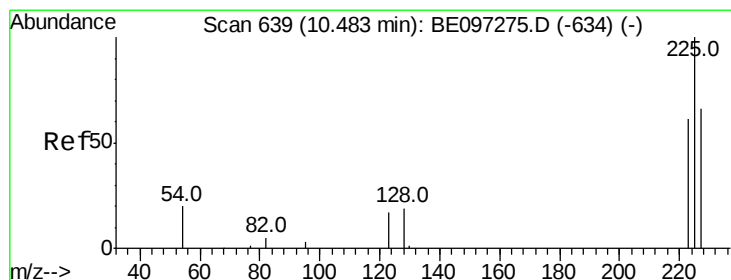
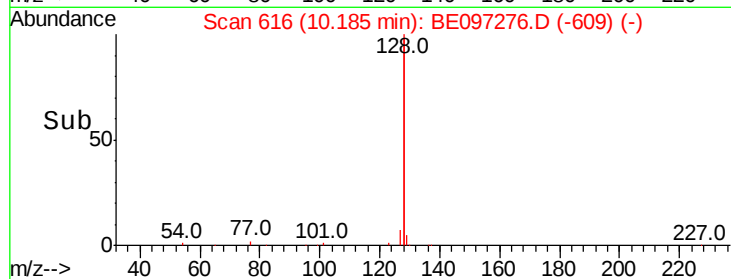
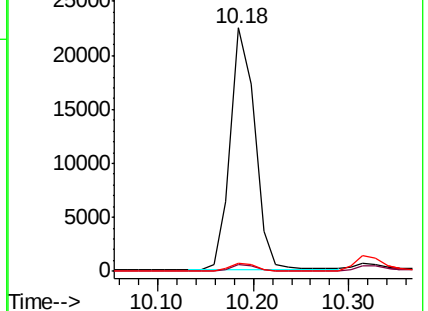
127 3.5 2.8 4.2



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: 0.859 ng

RT: 10.48 min Scan# 639

Delta R.T. 0.00 min

Lab File: BE097276.D

Acq: 15 Aug 2018 12:23

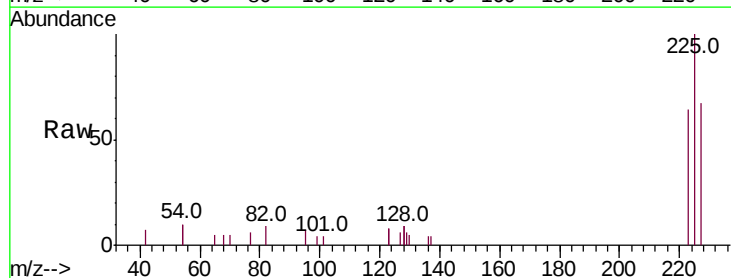
Tgt Ion:225 Resp: 1826

Ion Ratio Lower Upper

225 100

223 63.4 53.0 79.6

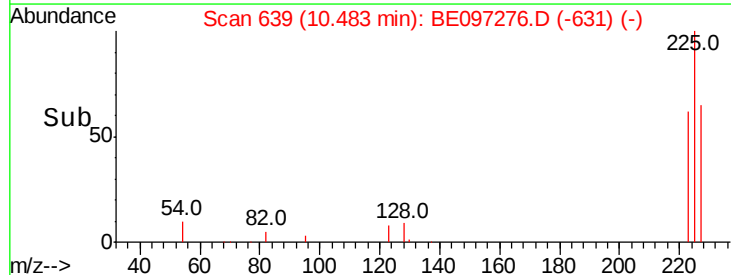
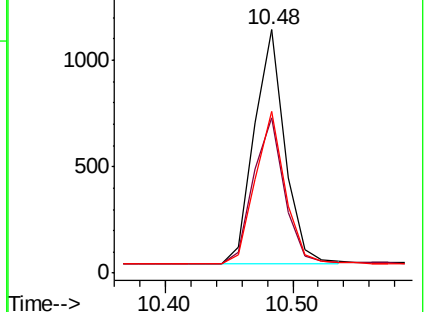
227 64.3 51.4 77.2

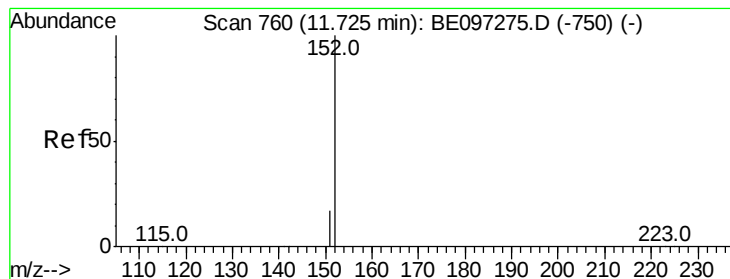


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.748 ng

RT: 11.72 min Scan# 760

Delta R.T. -0.00 min

Lab File: BE097276.D

Acq: 15 Aug 2018 12:23

Instrument :

BNA_E

ClientSampleId :

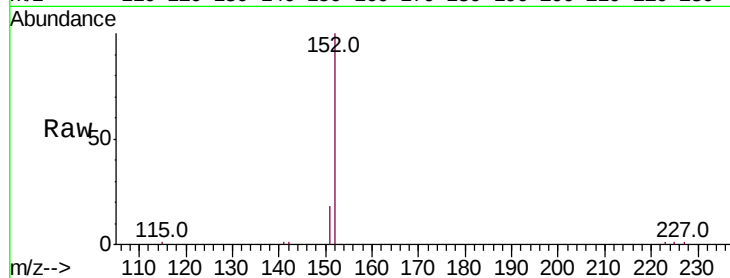
SSTDICC0.8

Tot Ion:152 Resp: 6406

Ion Ratio Lower Upper

152 100

151 19.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

4000

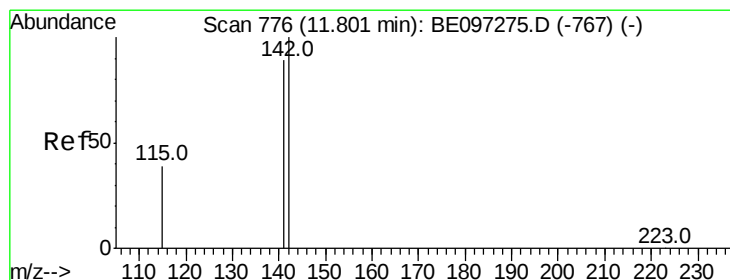
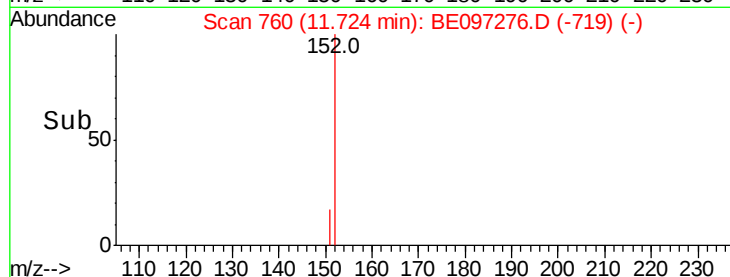
3000

2000

1000

0

Time--> 11.60 11.80



#12

2-Methylnaphthalene

Concen: 0.742 ng

RT: 11.80 min Scan# 776

Delta R.T. -0.00 min

Lab File: BE097276.D

Acq: 15 Aug 2018 12:23

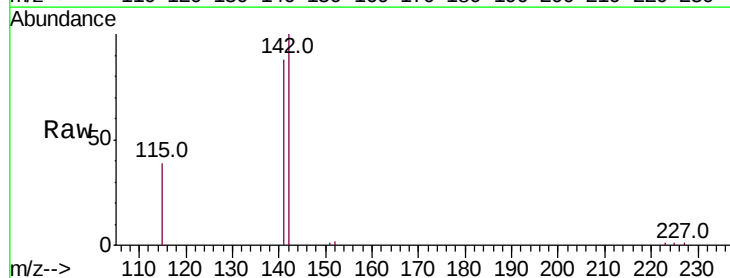
Tgt Ion:142 Resp: 6621

Ion Ratio Lower Upper

142 100

141 88.5 70.4 105.6

115 39.3 31.7 47.5



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

5000

4000

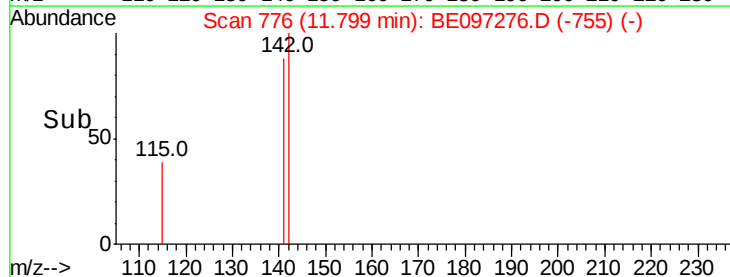
3000

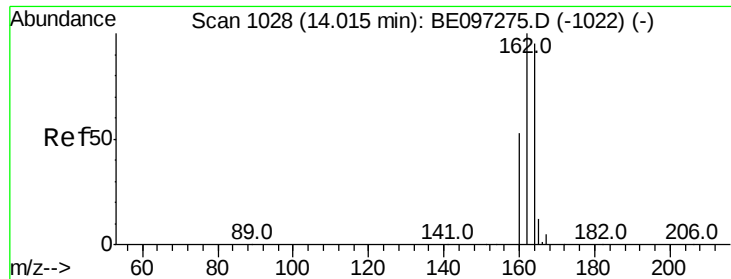
2000

1000

0

Time--> 11.70 11.80 11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BE097276.D

Acq: 15 Aug 2018 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

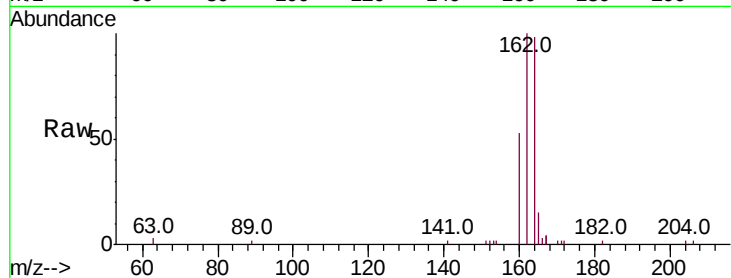
Tot Ion:164 Resp: 3363

Ion Ratio Lower Upper

164 100

162 101.7 83.1 124.7

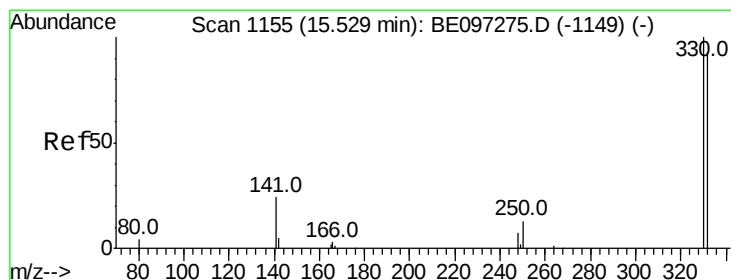
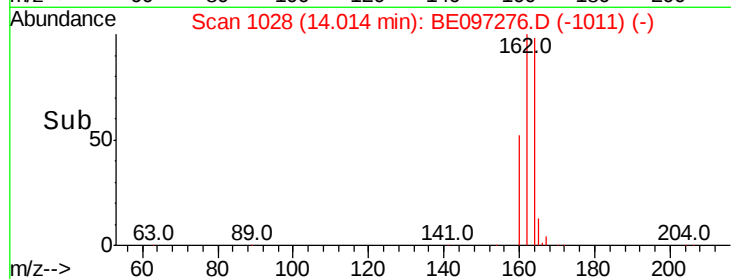
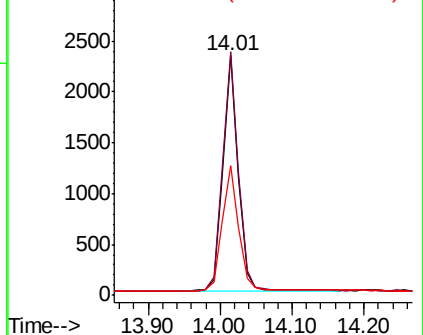
160 54.3 37.1 55.7



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: 0.960 ng

RT: 15.52 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BE097276.D

Acq: 15 Aug 2018 12:23

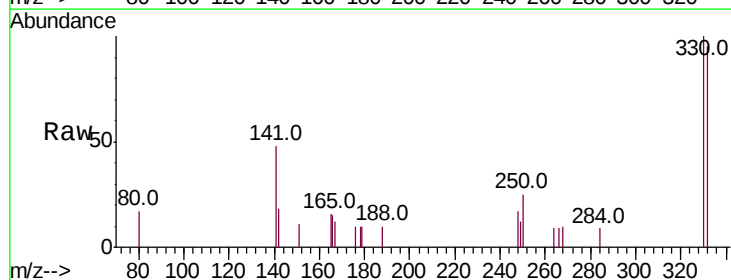
Tgt Ion:330 Resp: 819

Ion Ratio Lower Upper

330 100

332 95.6 152.7 229.1#

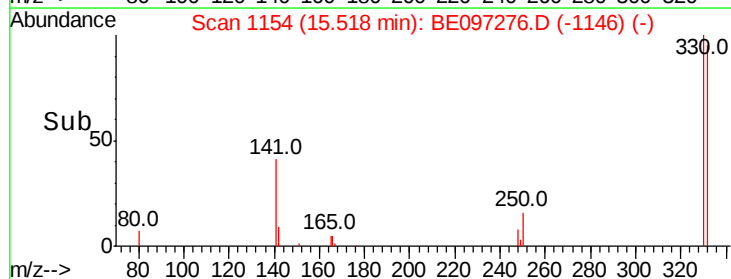
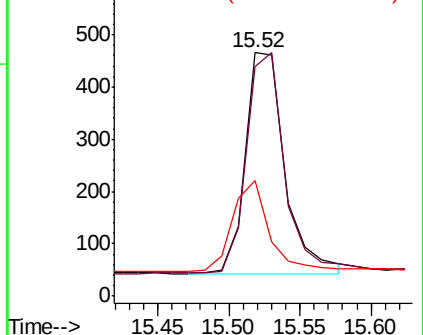
141 38.5 33.7 50.5

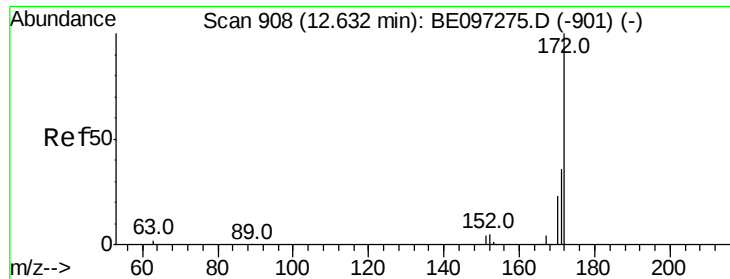


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

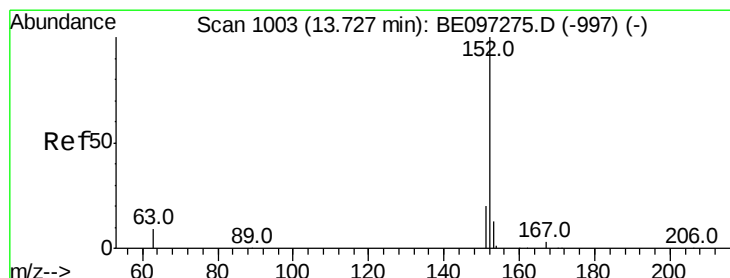
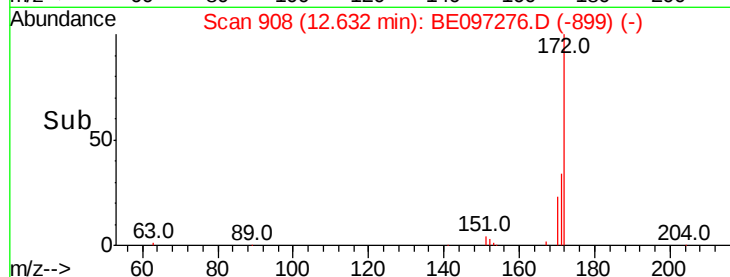
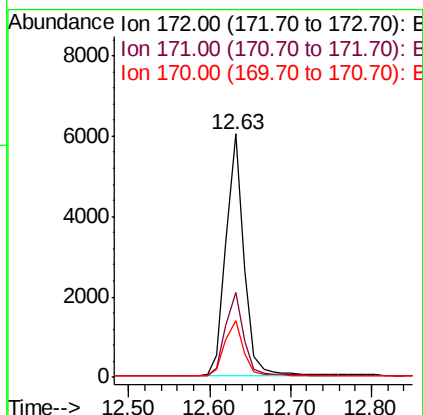
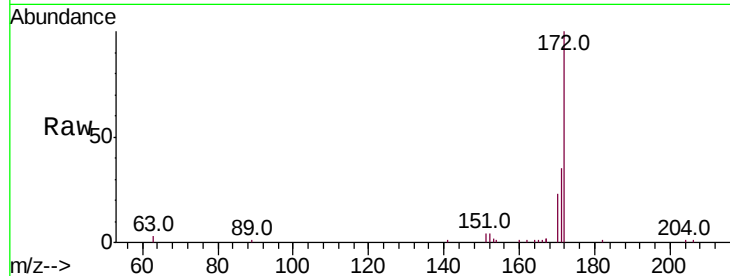




#15
2-Fluorobiphenyl
Concen: 0.738 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

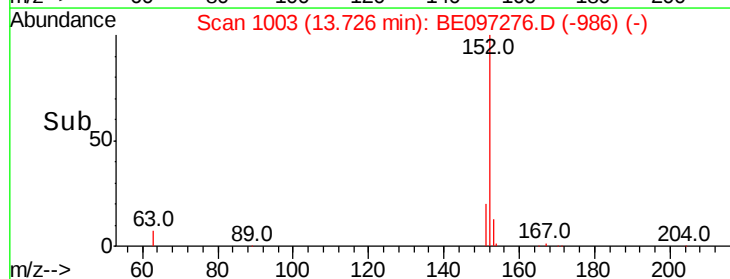
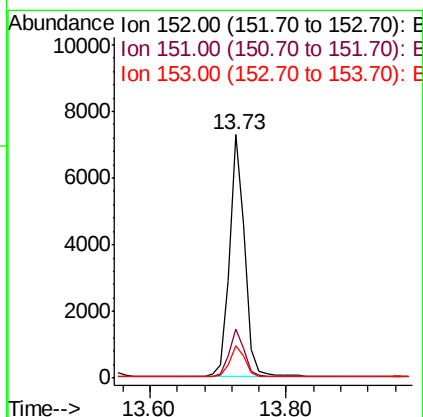
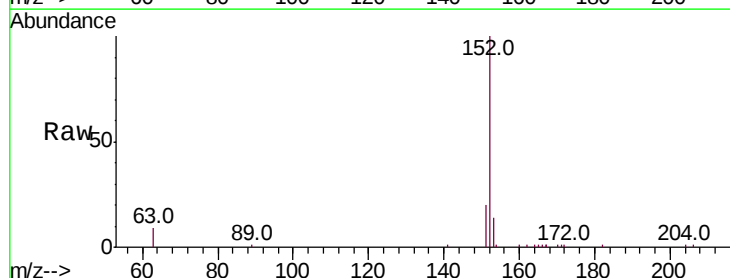
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

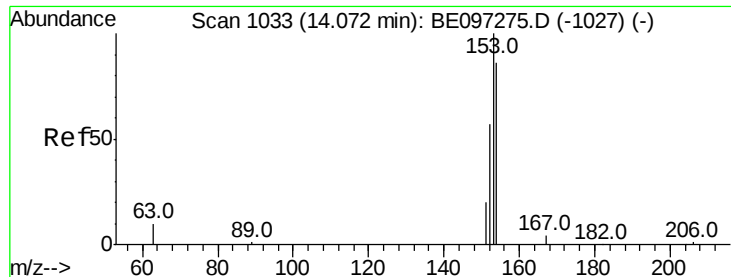
Tot Ion:172 Resp: 9231
Ion Ratio Lower Upper
172 100
171 34.8 29.9 44.9
170 23.5 21.8 32.8



#16
Acenaphthylene
Concen: 0.738 ng
RT: 13.73 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Tgt Ion:152 Resp: 11338
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.1 10.5 15.7

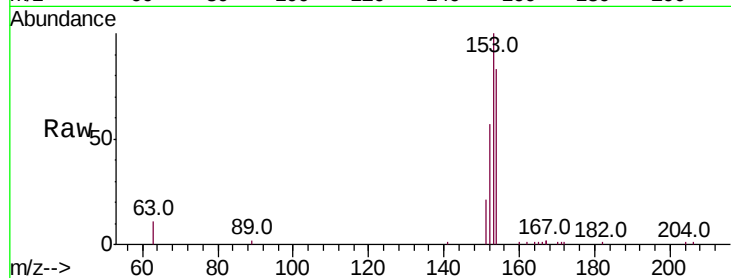




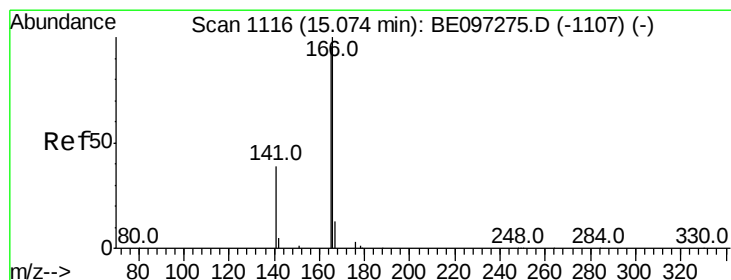
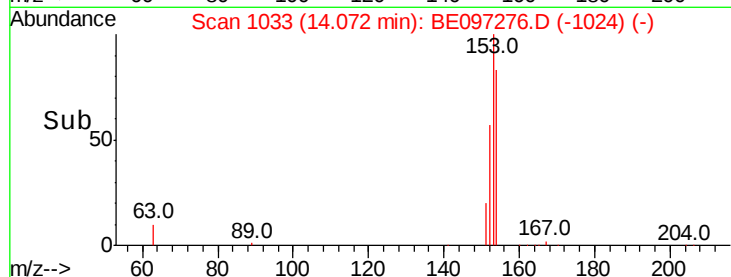
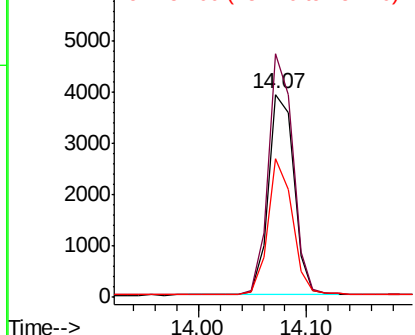
#17
Acenaphthene
Concen: 0.684 ng
RT: 14.07 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion:154 Resp: 6532
Ion Ratio Lower Upper
154 100
153 115.5 89.2 133.8
152 64.6 42.0 63.0#

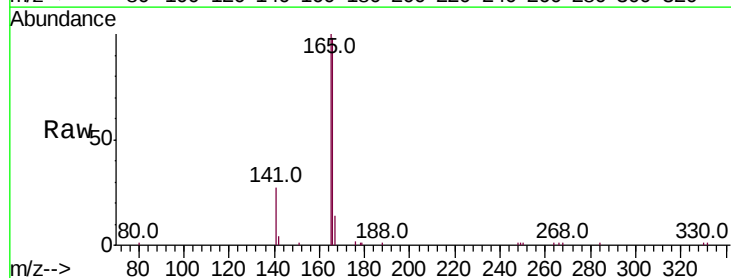


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

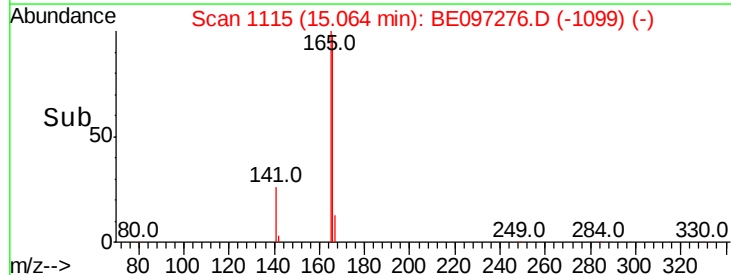
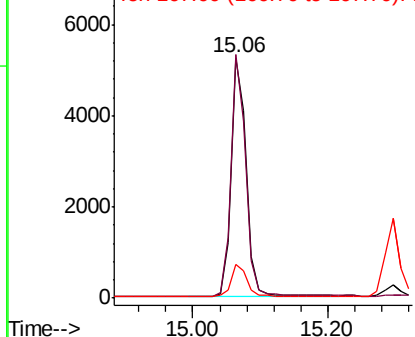


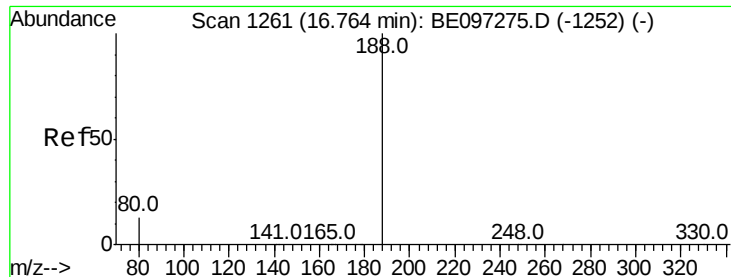
#18
Fluorene
Concen: 0.761 ng
RT: 15.06 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BE097276.D
Acq: 15 Aug 2018 12:23

Tgt Ion:166 Resp: 8157
Ion Ratio Lower Upper
166 100
165 99.4 77.8 116.6
167 13.5 42.4 63.6#



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: 16.77 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BE097276.D

Acq: 15 Aug 2018 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

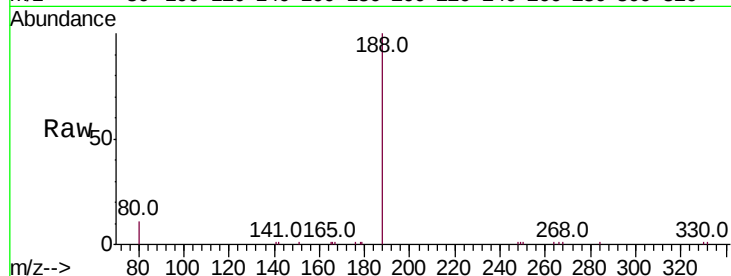
Tot Ion:188 Resp: 7460

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

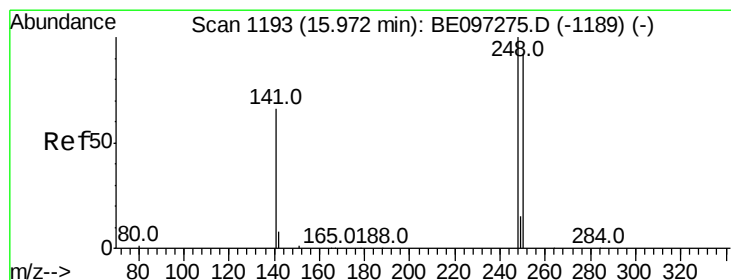
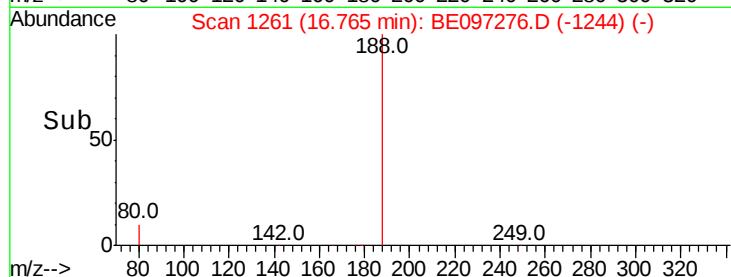
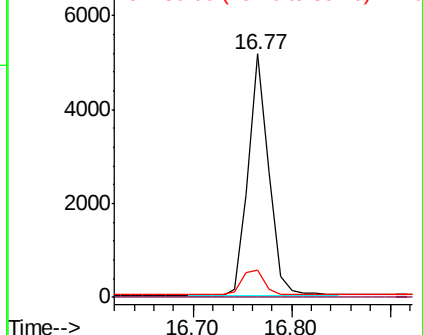
80 11.2 3.6 5.4#



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: 0.821 ng

RT: 15.97 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BE097276.D

Acq: 15 Aug 2018 12:23

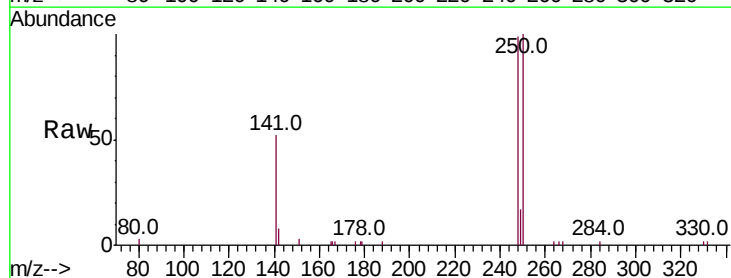
Tgt Ion:248 Resp: 2895

Ion Ratio Lower Upper

248 100

250 100.8 62.7 94.1#

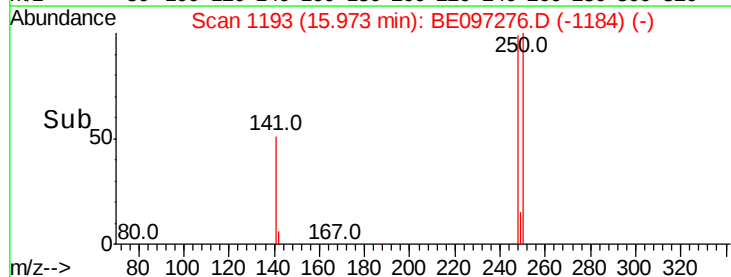
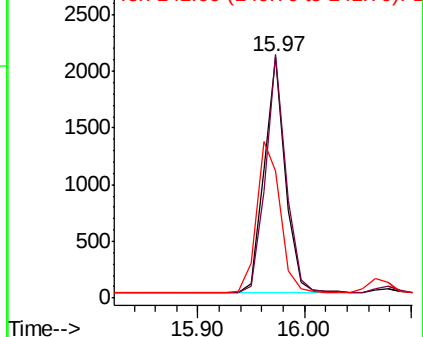
141 52.7 48.2 72.2

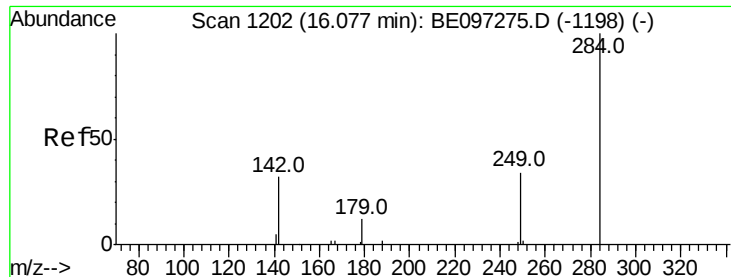


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.843 ng

RT: 16.08 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BE097276.D

Acq: 15 Aug 2018 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

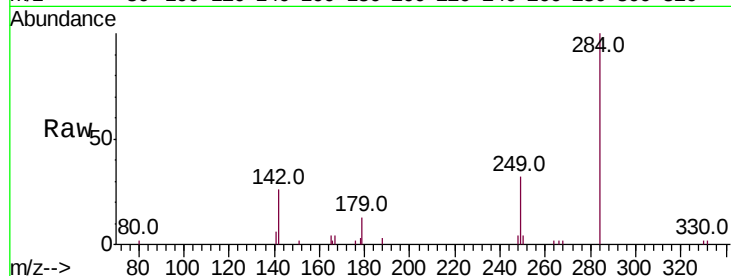
Tot Ion:284 Resp: 3303

Ion Ratio Lower Upper

284 100

142 32.8 22.1 33.1

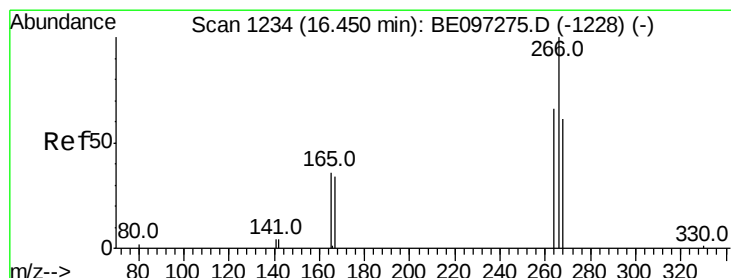
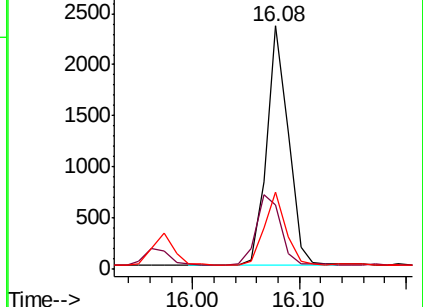
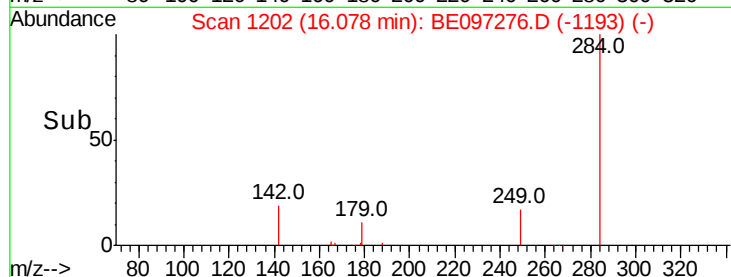
249 29.7 34.8 52.2#



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: 1.042 ng

RT: 16.44 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BE097276.D

Acq: 15 Aug 2018 12:23

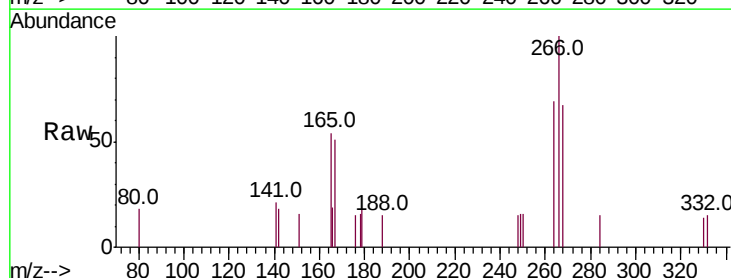
Tgt Ion:266 Resp: 670

Ion Ratio Lower Upper

266 100

264 69.4 72.5 108.7#

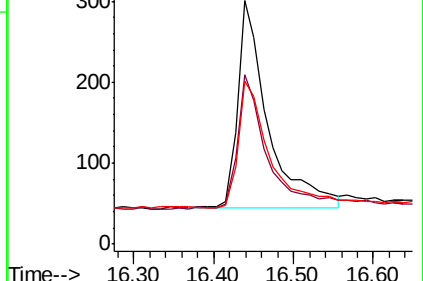
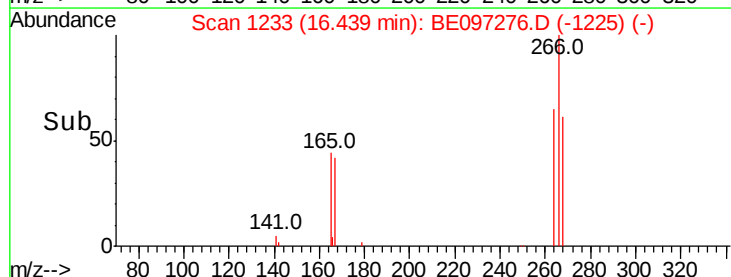
268 66.8 73.8 110.6#

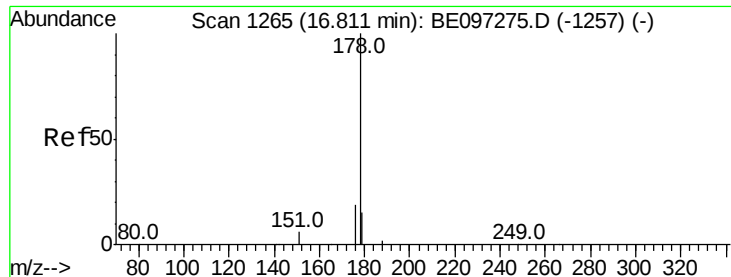


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.753 ng

RT: 16.81 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE097276.D

Acq: 15 Aug 2018 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

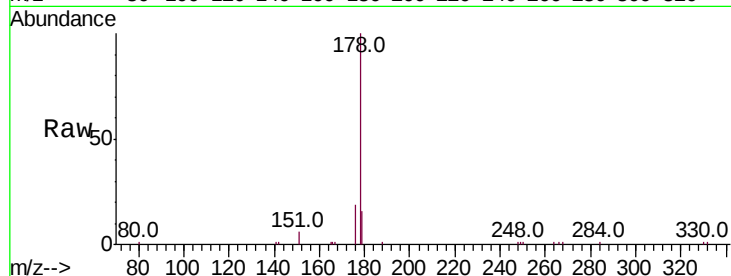
Tot Ion:178 Resp: 13451

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

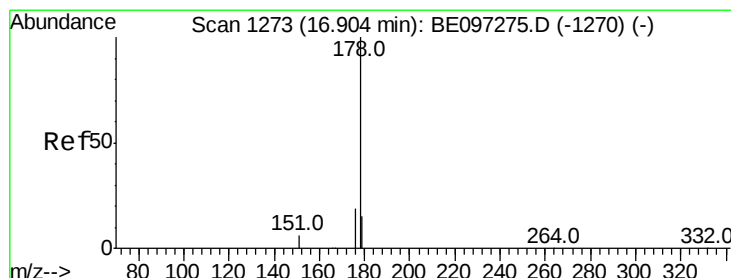
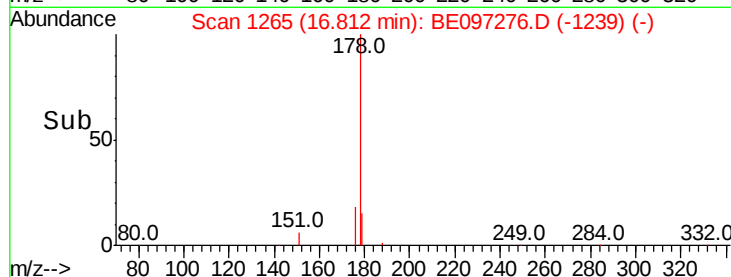
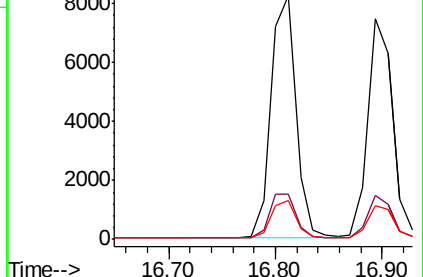
179 15.2 11.8 17.6



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: 0.776 ng

RT: 16.89 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BE097276.D

Acq: 15 Aug 2018 12:23

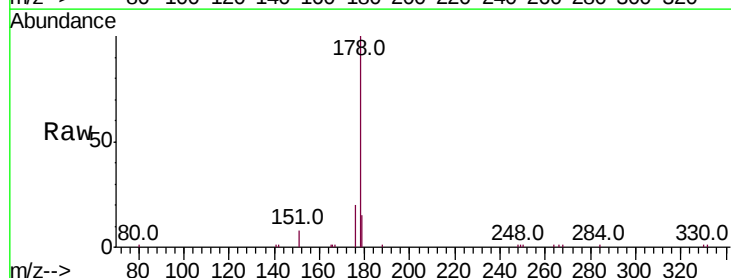
Tgt Ion:178 Resp: 12058

Ion Ratio Lower Upper

178 100

176 19.1 12.8 19.2

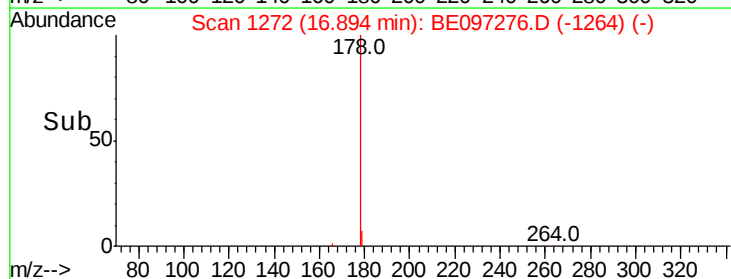
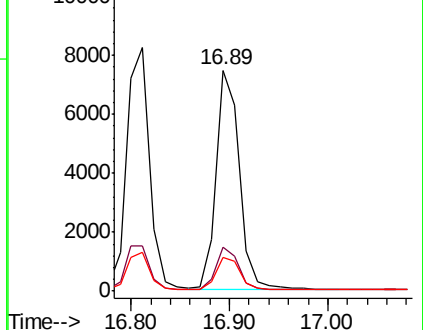
179 15.0 13.0 19.6

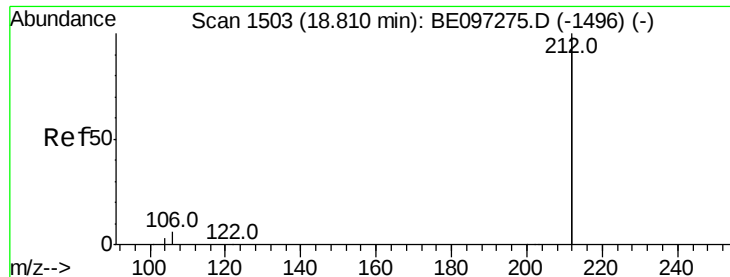


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.848 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE097276.D

Acq: 15 Aug 2018 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

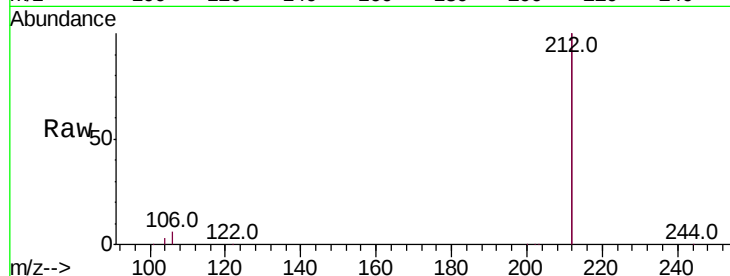
Tot Ion:212 Resp: 55059

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

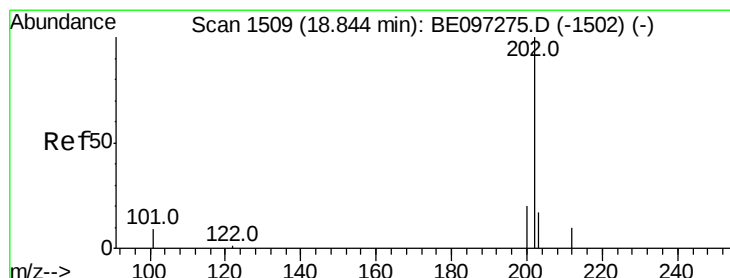
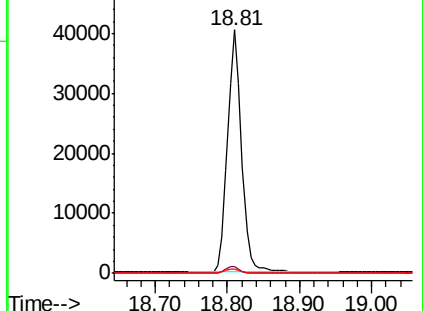
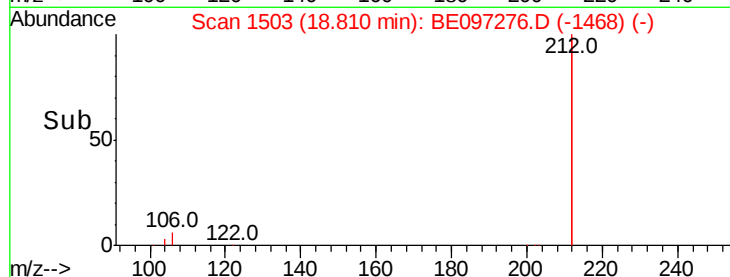
104 1.7 1.6 2.4



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: 0.789 ng

RT: 18.84 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BE097276.D

Acq: 15 Aug 2018 12:23

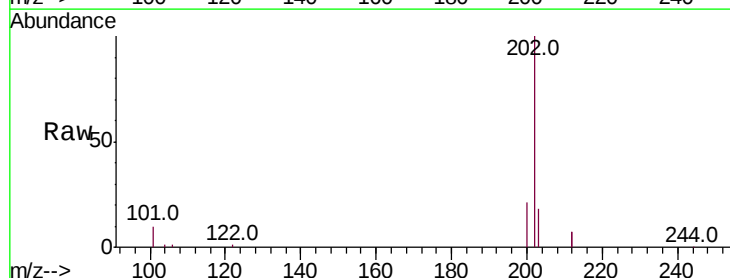
Tgt Ion:202 Resp: 14860

Ion Ratio Lower Upper

202 100

101 10.7 9.8 14.8

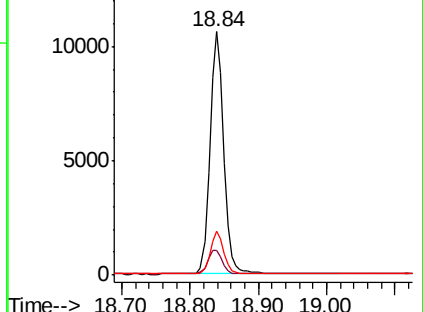
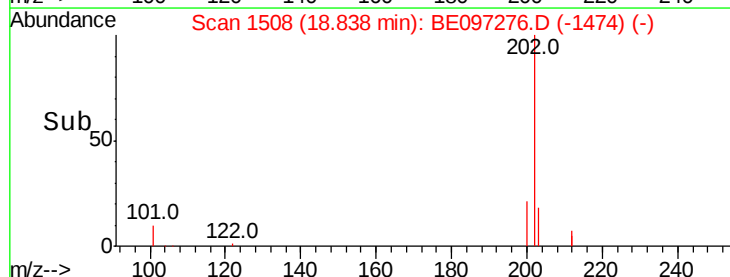
203 17.3 13.7 20.5

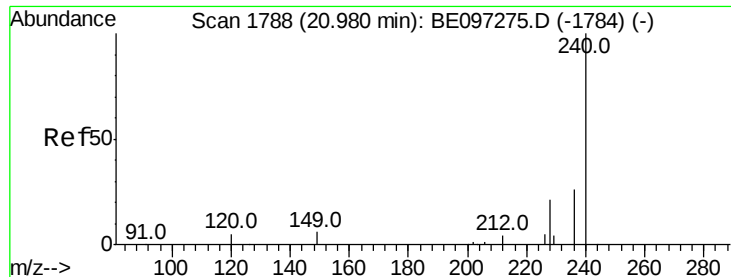


Abundance Ion 202.00 (201.70 to 202.70): E

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: 20.98 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BE097276.D

Acq: 15 Aug 2018 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

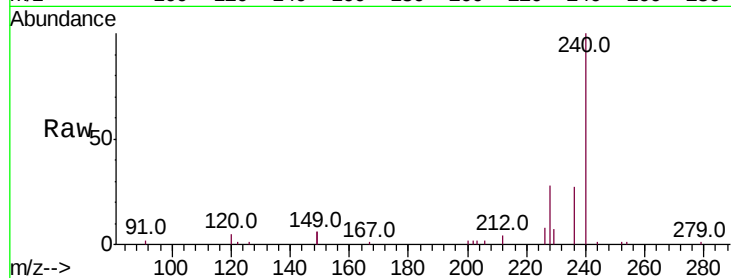
Tot Ion:240 Resp: 7291

Ion Ratio Lower Upper

240 100

120 5.3 5.5 8.3#

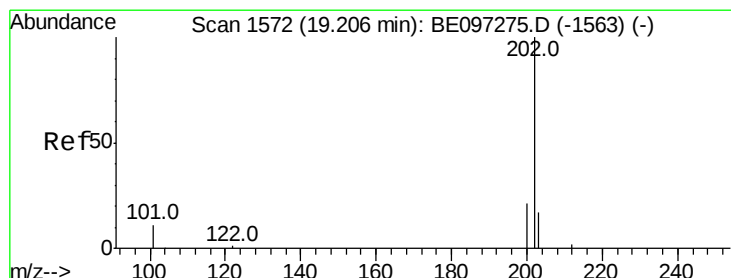
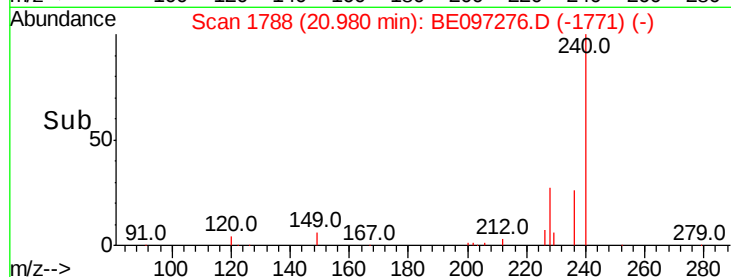
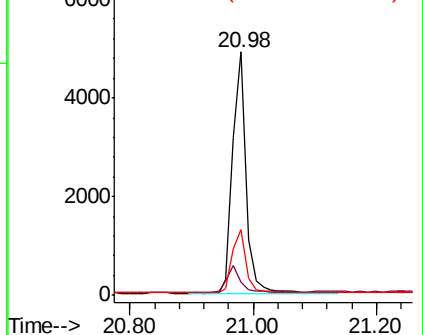
236 26.8 20.7 31.1



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: 0.667 ng

RT: 19.21 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BE097276.D

Acq: 15 Aug 2018 12:23

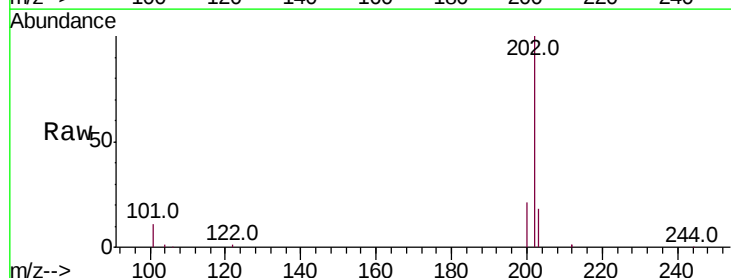
Tgt Ion:202 Resp: 14358

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

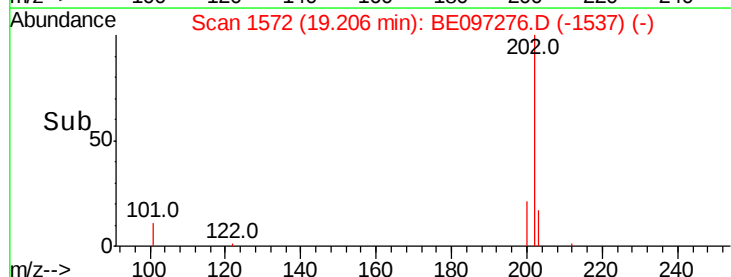
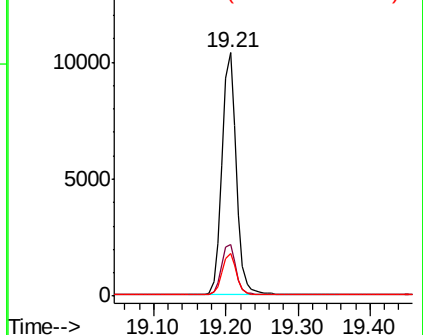
203 17.4 13.8 20.8

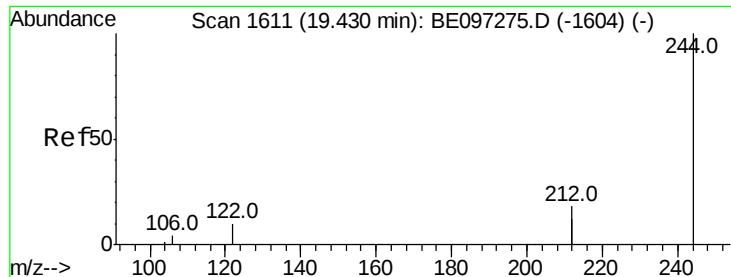


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

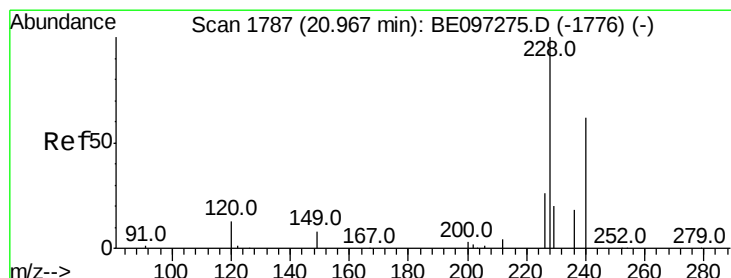
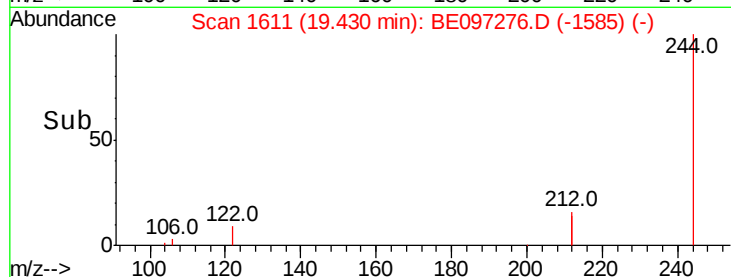
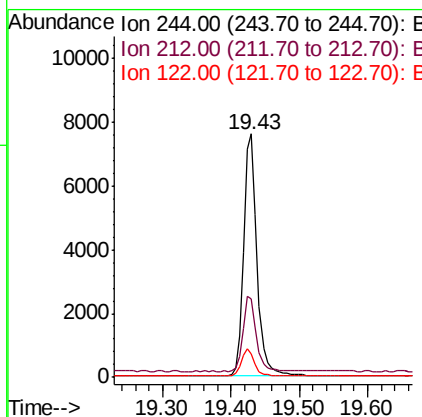
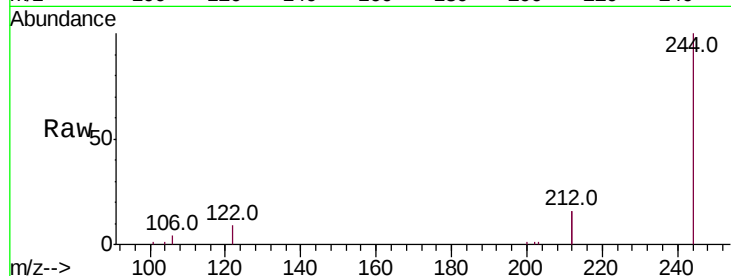




#29
 Terphenyl-d14
 Concen: 0.729 ng
 RT: 19.43 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BE097276.D
 Acq: 15 Aug 2018 12:23

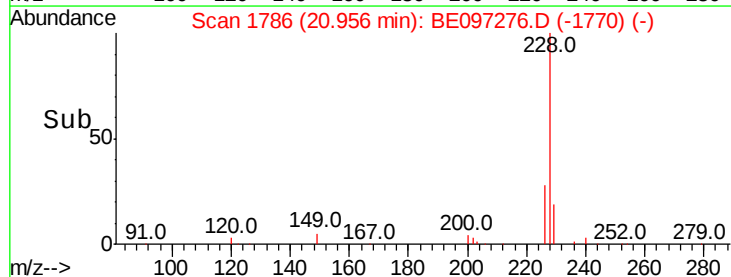
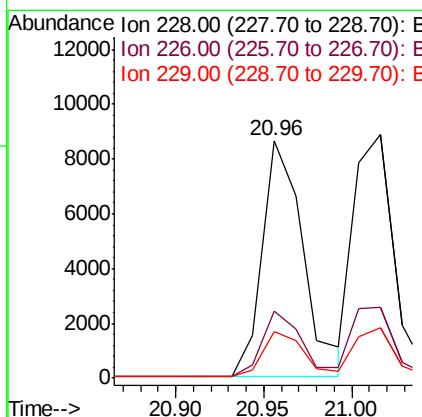
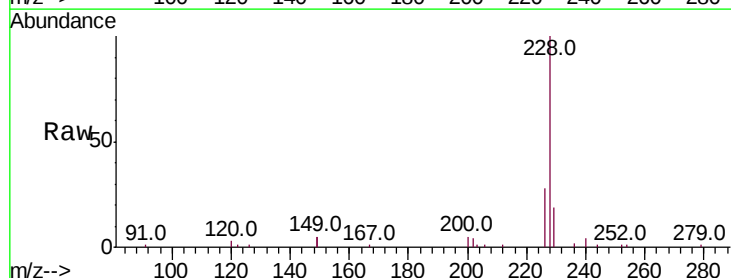
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

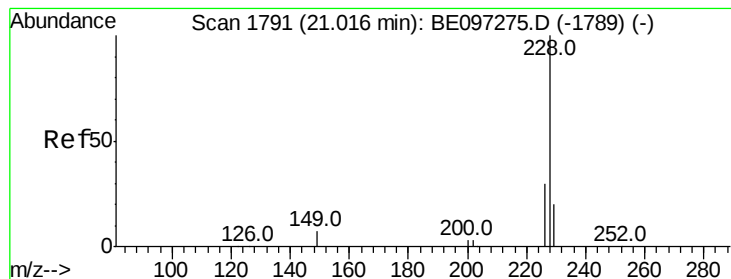
Tot Ion:244 Resp: 10256
 Ion Ratio Lower Upper
 244 100
 212 32.1 25.4 38.0
 122 9.4 8.1 12.1



#30
 Benzo(a)anthracene
 Concen: 0.802 ng
 RT: 20.96 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BE097276.D
 Acq: 15 Aug 2018 12:23

Tgt Ion:228 Resp: 13932
 Ion Ratio Lower Upper
 228 100
 226 28.1 24.0 36.0
 229 19.4 16.0 24.0

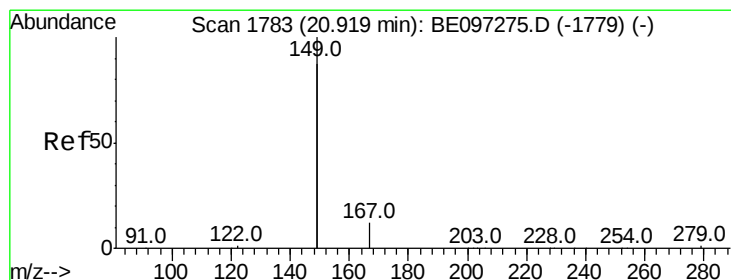
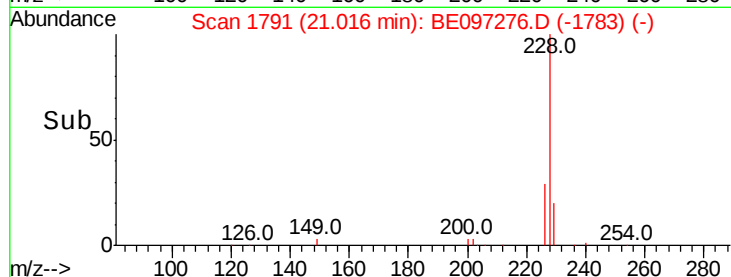
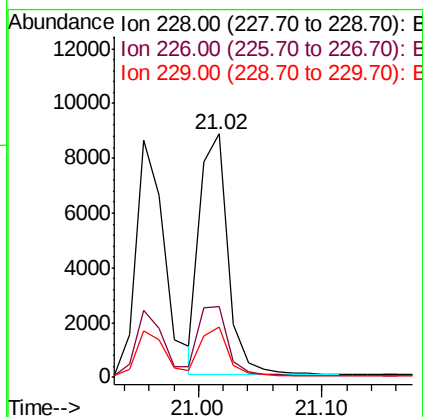
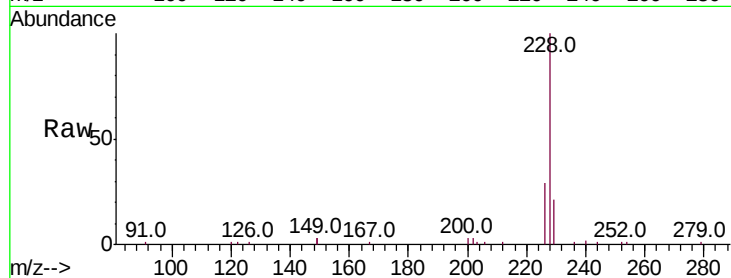




#31
 Chrysene
 Concen: 0.714 ng
 RT: 21.02 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BE097276.D
 Acq: 15 Aug 2018 12:23

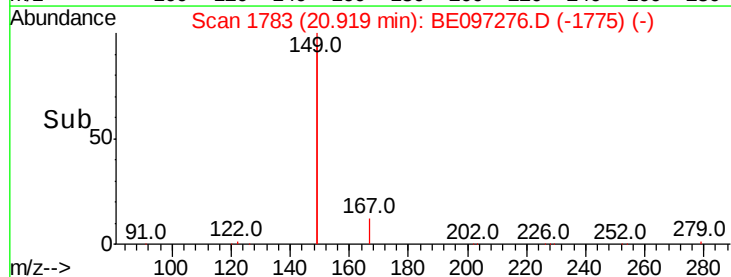
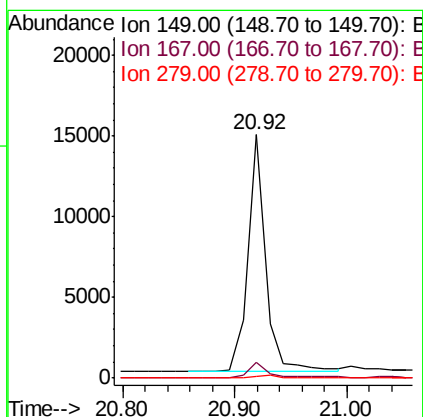
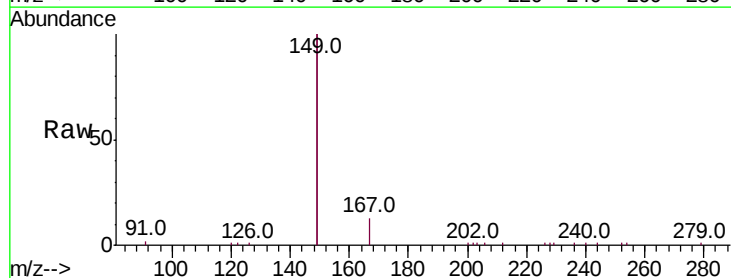
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

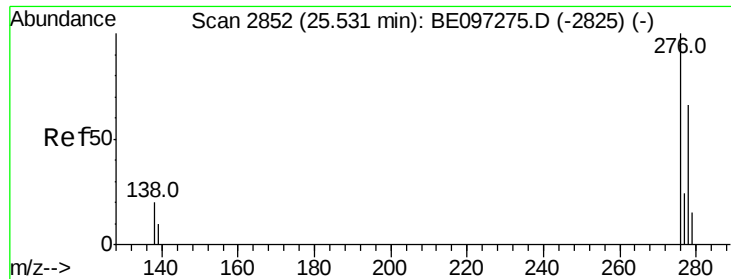
Tot Ion:228 Resp: 13895
 Ion Ratio Lower Upper
 228 100
 226 29.1 24.0 36.0
 229 20.5 16.0 24.0



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.928 ng
 RT: 20.92 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BE097276.D
 Acq: 15 Aug 2018 12:23

Tgt Ion:149 Resp: 16083
 Ion Ratio Lower Upper
 149 100
 167 6.3 5.4 8.0
 279 0.9 0.7 1.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 1.042 ng

RT: 25.52 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE097276.D

Acq: 15 Aug 2018 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

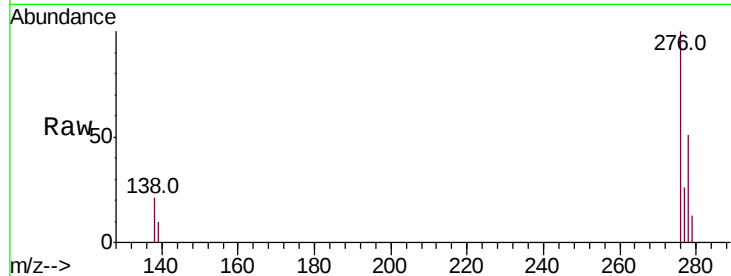
Tot Ion:276 Resp: 14787

Ion Ratio Lower Upper

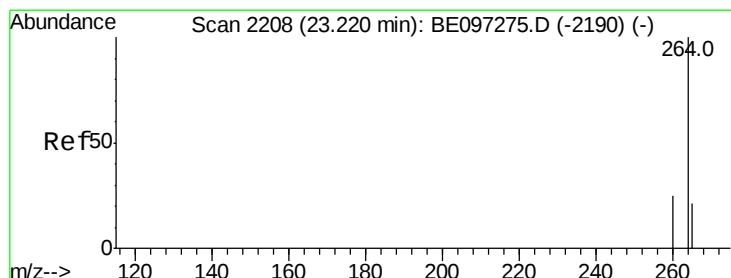
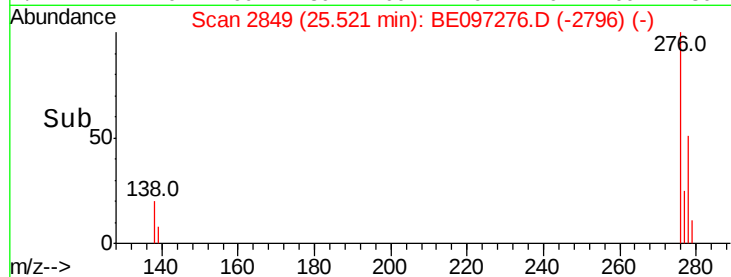
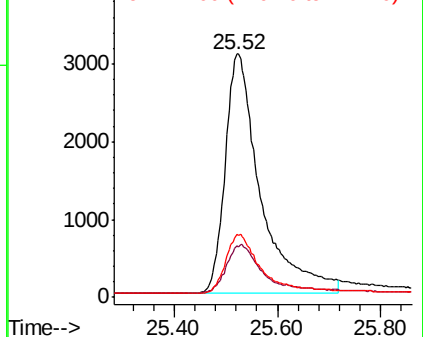
276 100

138 19.8 22.5 33.7#

277 25.0 19.9 29.9



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: 23.22 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BE097276.D

Acq: 15 Aug 2018 12:23

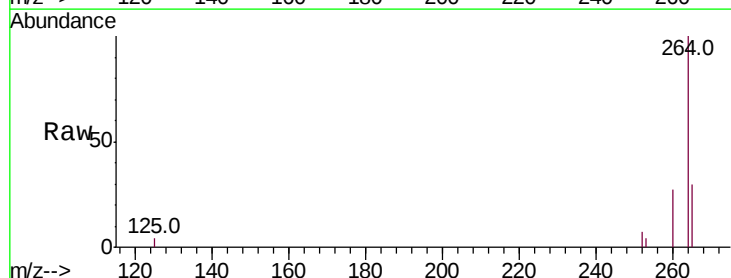
Tgt Ion:264 Resp: 6665

Ion Ratio Lower Upper

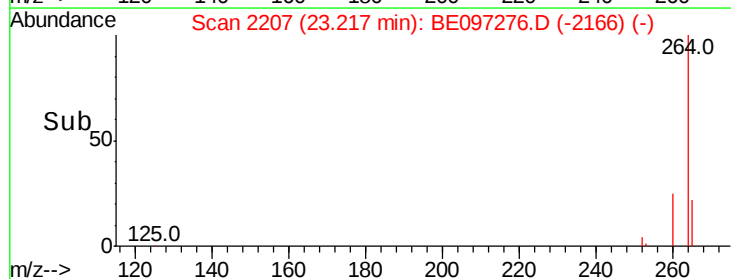
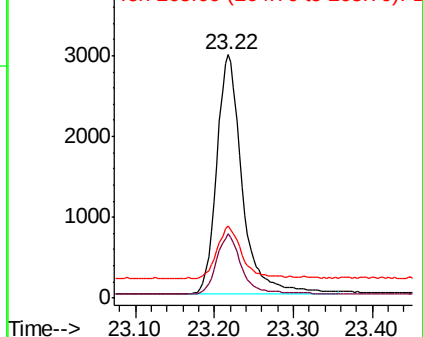
264 100

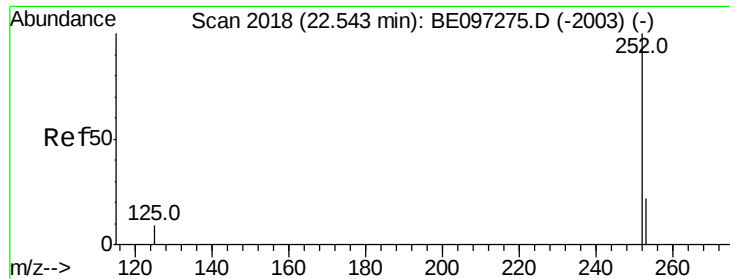
260 26.6 20.5 30.7

265 29.7 22.8 34.2



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: 0.712 ng

RT: 22.54 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BE097276.D

Acq: 15 Aug 2018 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

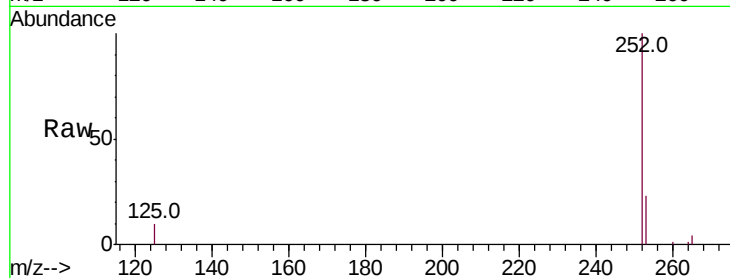
Tot Ion:252 Resp: 12109

Ion Ratio Lower Upper

252 100

253 22.7 20.0 30.0

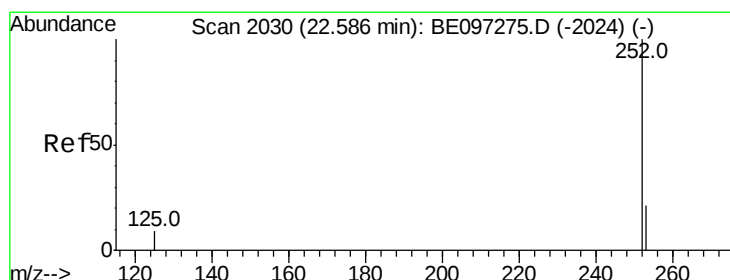
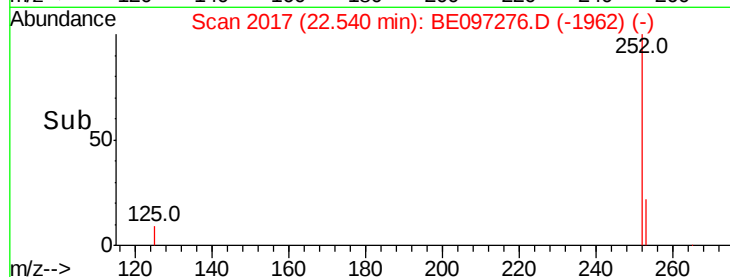
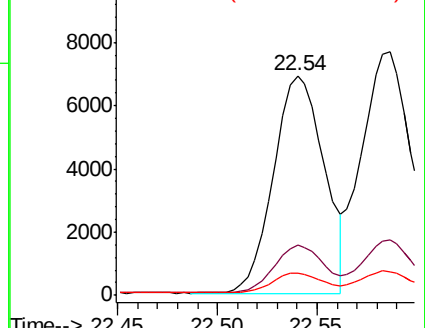
125 10.2 16.0 24.0#



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: 0.751 ng

RT: 22.59 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BE097276.D

Acq: 15 Aug 2018 12:23

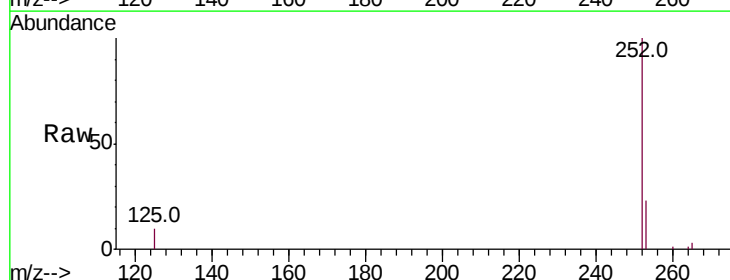
Tgt Ion:252 Resp: 15198

Ion Ratio Lower Upper

252 100

253 22.6 16.0 24.0

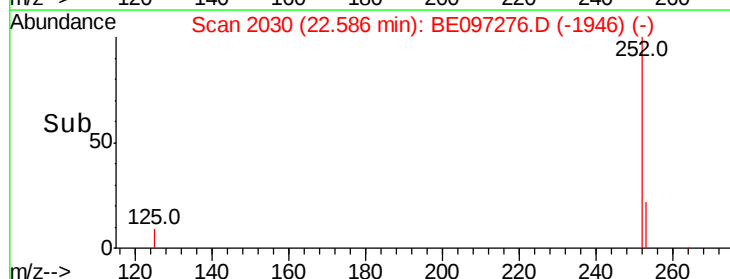
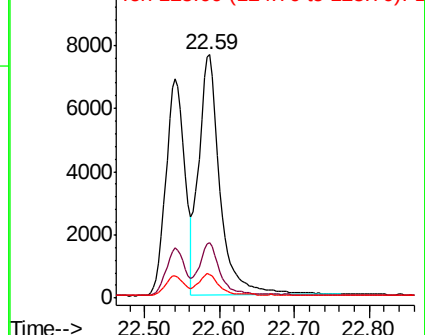
125 9.7 8.0 12.0

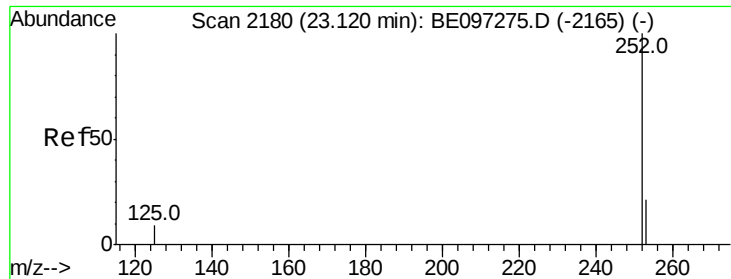


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.809 ng

RT: 23.12 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BE097276.D

Acq: 15 Aug 2018 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

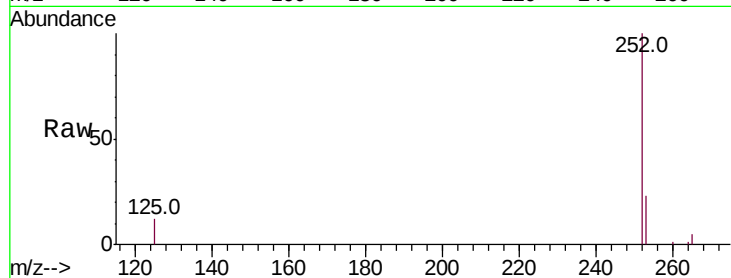
Tot Ion:252 Resp: 12318

Ion Ratio Lower Upper

252 100

253 22.7 16.0 24.0

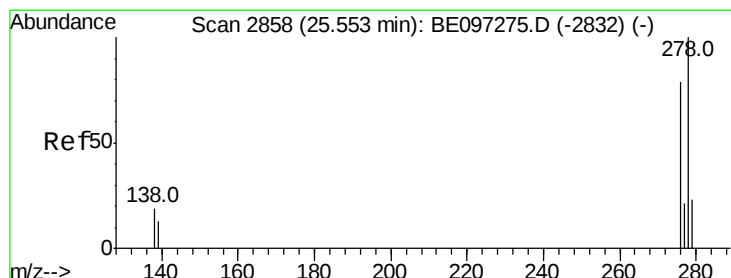
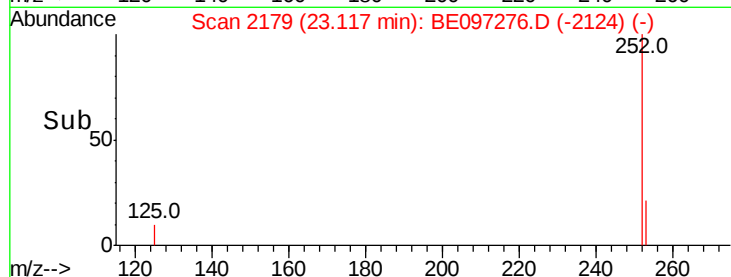
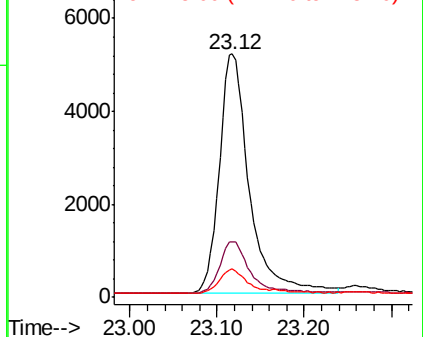
125 11.6 12.0 18.0#



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: 0.981 ng

RT: 25.54 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BE097276.D

Acq: 15 Aug 2018 12:23

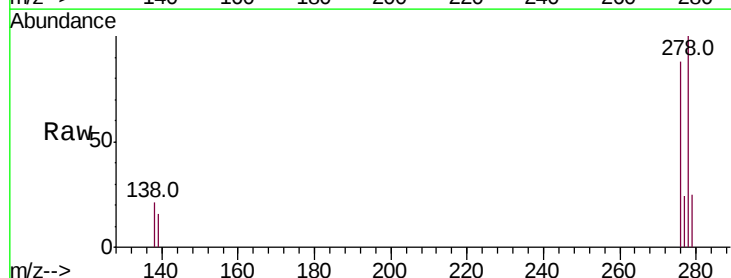
Tgt Ion:278 Resp: 12189

Ion Ratio Lower Upper

278 100

139 15.9 16.0 24.0#

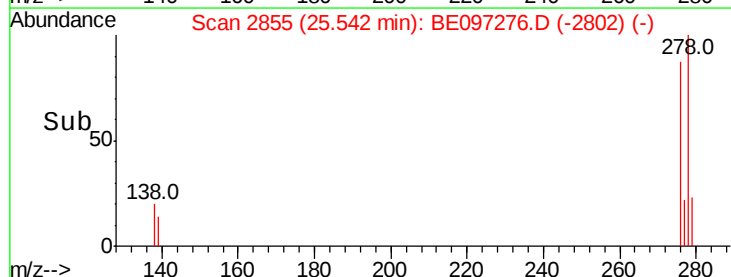
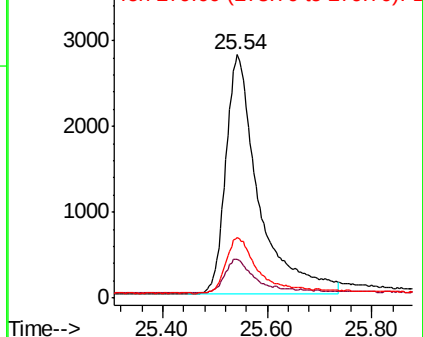
279 25.0 20.0 30.0

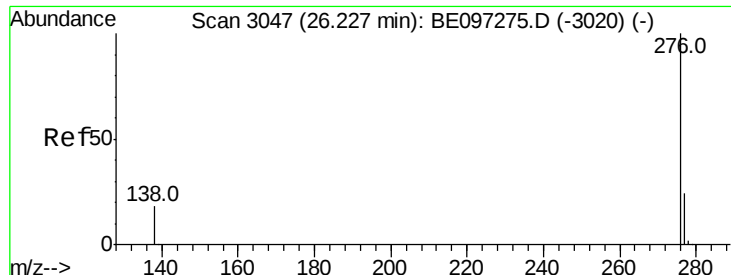


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.875 ng

RT: 26.23 min Scan# 3047

Delta R.T. 0.00 min

Lab File: BE097276.D

Acq: 15 Aug 2018 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

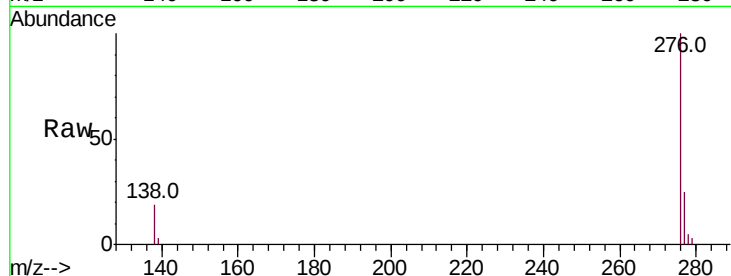
Tot Ion:276 Resp: 12101

Ion Ratio Lower Upper

276 100

277 24.6 16.0 24.0#

138 18.9 20.0 30.0#



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

