

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082218\
 Data File : BE097350.D
 Acq On : 22 Aug 2018 16:40
 Operator : SJ/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Aug 22 17:28:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 16:06:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	905	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4207	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2274	0.40	ng	-0.01
19) Phenanthrene-d10	16.77	188	6052	0.40	ng	0.00
27) Chrysene-d12	20.97	240	7734	0.40	ng	0.00
34) Perylene-d12	23.21	264	7124	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	2103	1.01	ng	-0.01
5) Phenol-d6	6.59	99	2802	0.91	ng	-0.01
8) Nitrobenzene-d5	8.51	82	2431	1.35	ng	-0.01
11) 2-Methylnaphthalene-d10	11.72	152	4691	0.82	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	591	1.58	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	6931	0.74	ng	0.00
25) Fluoranthene-d10	18.80	212	54487	1.01	ng	0.00
29) Terphenyl-d14	19.42	244	11542	0.75	ng	0.00

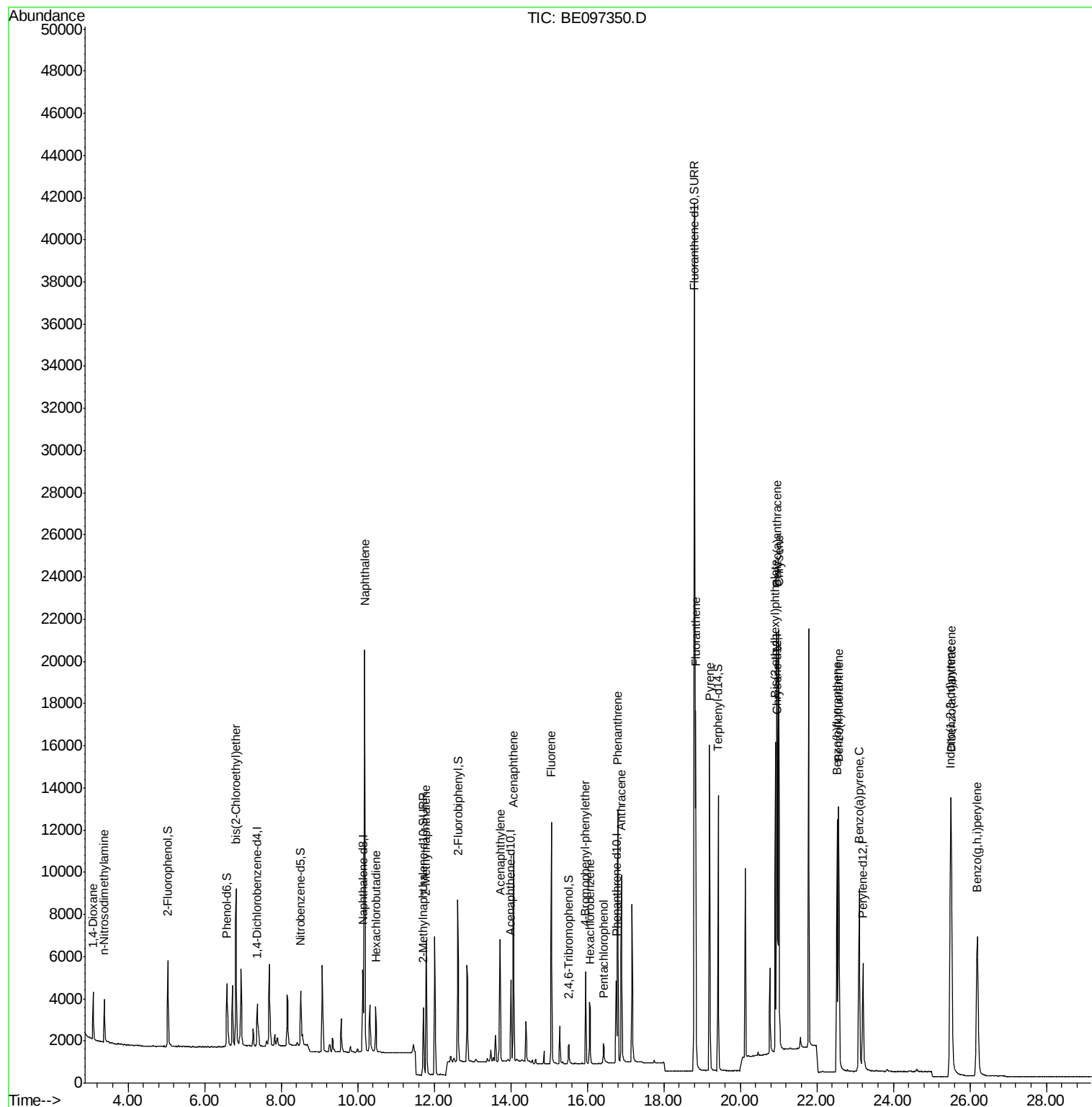
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	1301	0.907	ng	# 87
3) n-Nitrosodimethylamine	3.37	42	1269	1.013	ng	97
6) bis(2-Chloroethyl)ether	6.83	93	2665	0.871	ng	98
9) Naphthalene	10.18	128	31002	0.804	ng	99
10) Hexachlorobutadiene	10.47	225	1392	0.821	ng	98
12) 2-Methylnaphthalene	11.79	142	4865	0.838	ng	98
16) Acenaphthylene	13.73	152	7347	0.849	ng	99
17) Acenaphthene	14.07	154	4914	0.803	ng	95
18) Fluorene	15.06	166	6218	0.832	ng	# 80
20) 4-Bromophenyl-phenylether	15.96	248	2261	0.828	ng	# 79
21) Hexachlorobenzene	16.08	284	2502	0.682	ng	# 84
22) Pentachlorophenol	16.43	266	620	1.723	ng	# 76
23) Phenanthrene	16.80	178	11630	0.788	ng	99
24) Anthracene	16.89	178	9910	0.907	ng	96
26) Fluoranthene	18.83	202	14525	1.021	ng	98
28) Pyrene	19.20	202	14702	0.708	ng	99
30) Benzo(a)anthracene	20.95	228	15329	0.922	ng	97
31) Chrysene	21.00	228	16778	0.770	ng	98
32) Bis(2-ethylhexyl)phthalate	20.92	149	16812	1.661	ng	100
33) Indeno(1,2,3-cd)pyrene	25.49	276	18531	1.338	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	14969	0.797	ng	# 87
36) Benzo(k)fluoranthene	22.58	252	17397	0.660	ng	96
37) Benzo(a)pyrene	23.11	252	14119	0.825	ng	# 92
38) Dibenzo(a,h)anthracene	25.51	278	15819	1.082	ng	# 95
39) Benzo(g,h,i)perylene	26.19	276	15953	1.082	ng	# 90

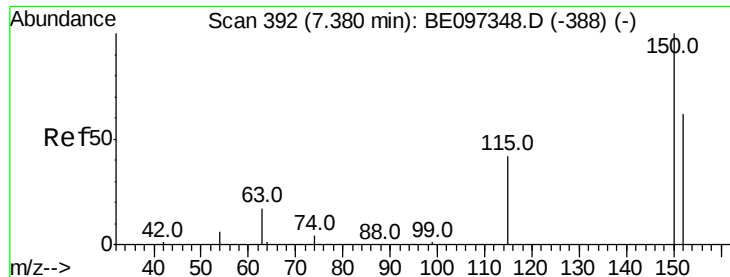
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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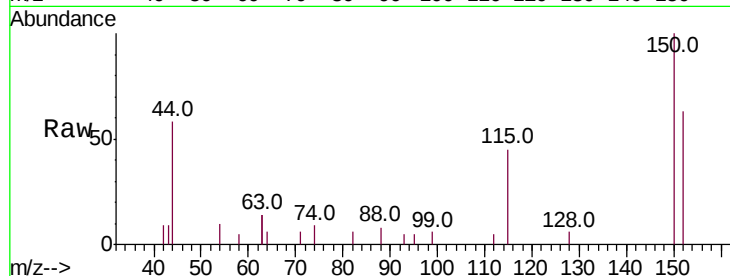


#1

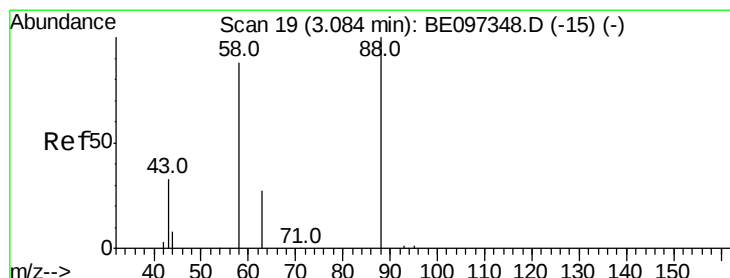
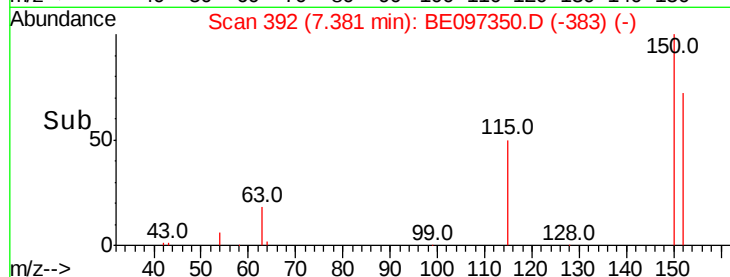
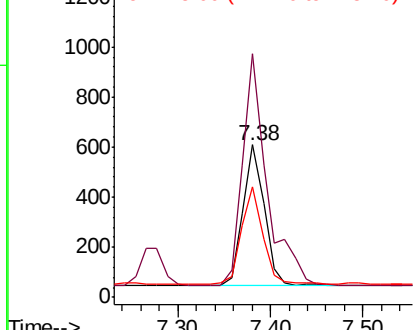
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion:152 Resp: 905
Ion Ratio Lower Upper
152 100
150 159.9 117.2 175.8
115 72.5 57.0 85.6



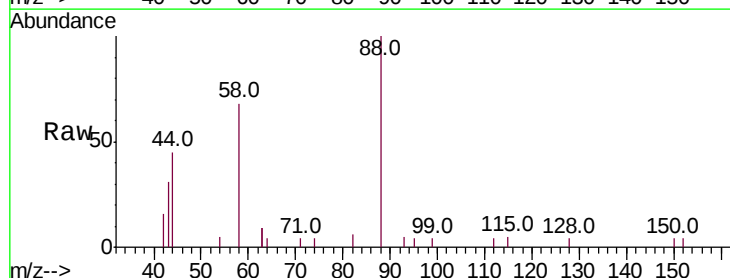
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



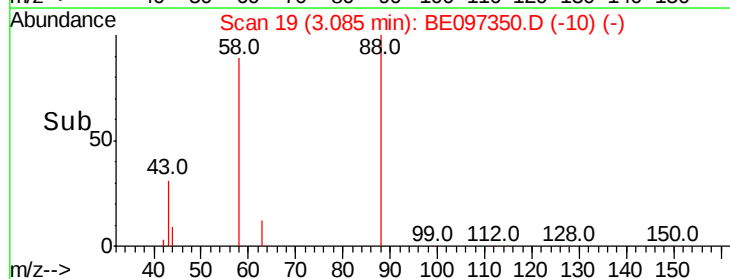
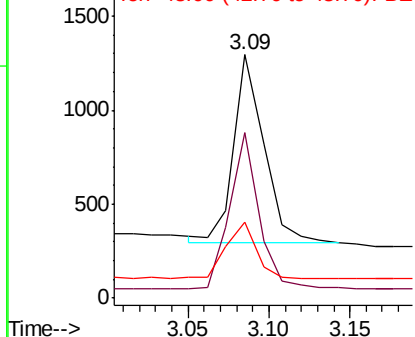
#2

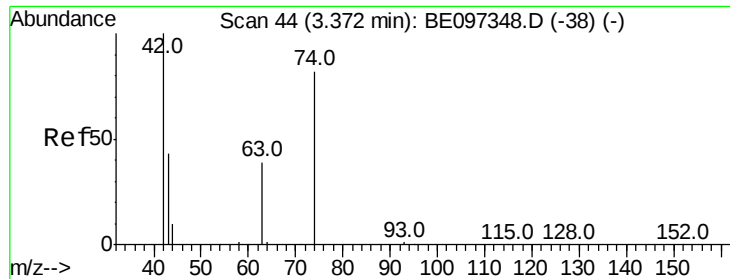
1,4-Dioxane
Concen: 0.907 ng
RT: 3.09 min Scan# 19
Delta R.T. 0.00 min
Lab File: BE097350.D
Acq: 22 Aug 2018 16:40

Tgt Ion: 88 Resp: 1301
Ion Ratio Lower Upper
88 100
58 80.1 63.2 94.8
43 30.6 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: 1.013 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

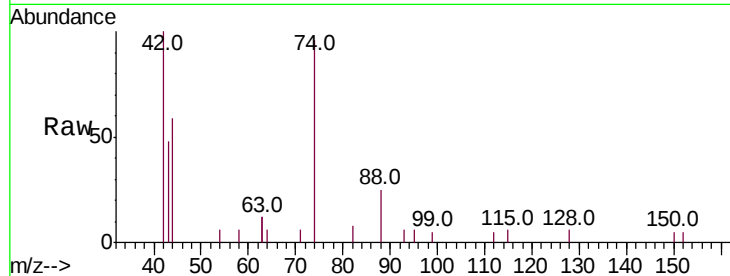
Tot Ion: 42 Resp: 1269

Ion Ratio Lower Upper

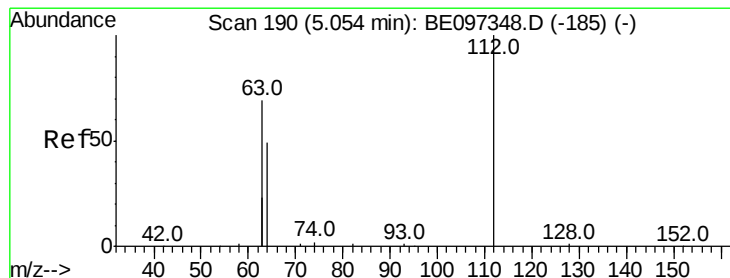
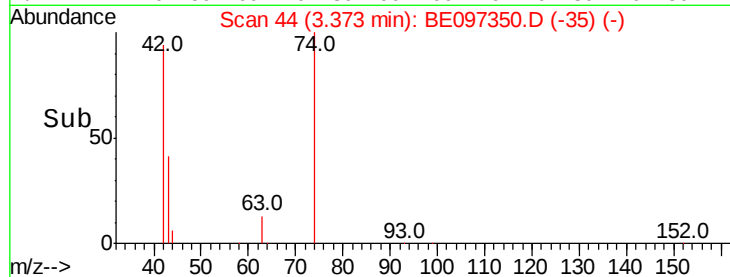
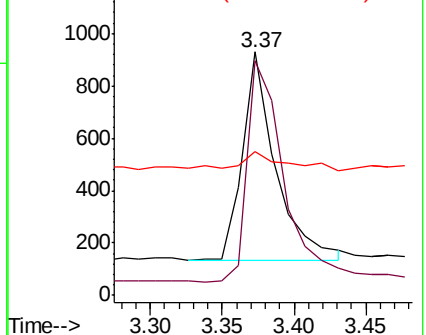
42 100

74 117.3 96.0 144.0

44 13.3 12.0 18.0



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: 1.014 ng

RT: 5.04 min Scan# 189

Delta R.T. -0.01 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

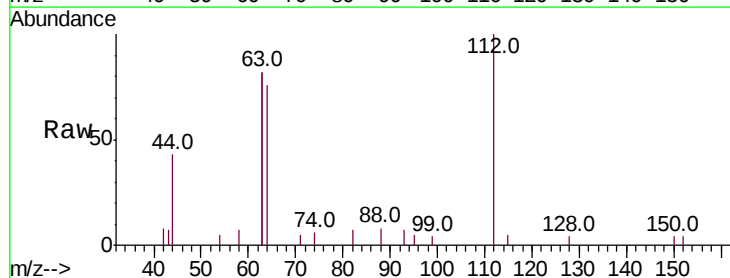
Tgt Ion: 112 Resp: 2103

Ion Ratio Lower Upper

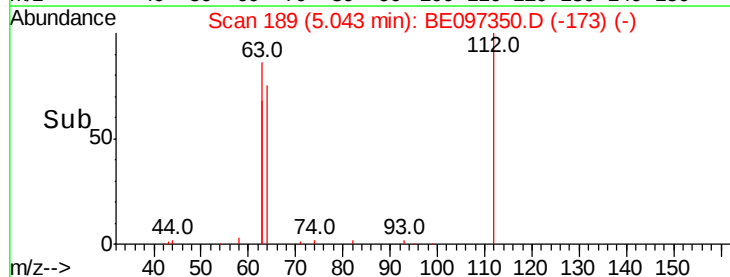
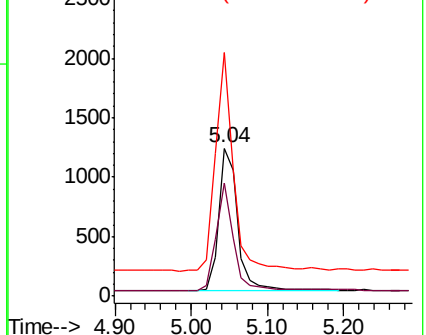
112 100

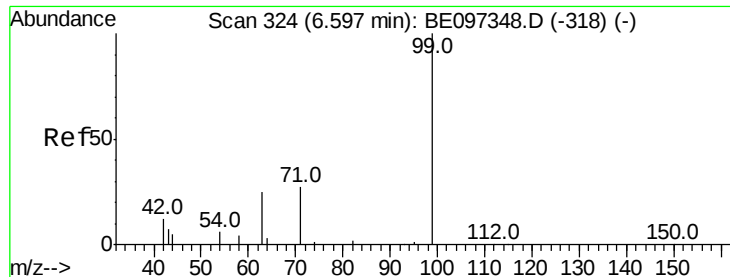
64 67.9 60.1 90.1

63 142.2 116.8 175.2



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: 0.911 ng

RT: 6.59 min Scan# 323

Delta R.T. -0.01 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

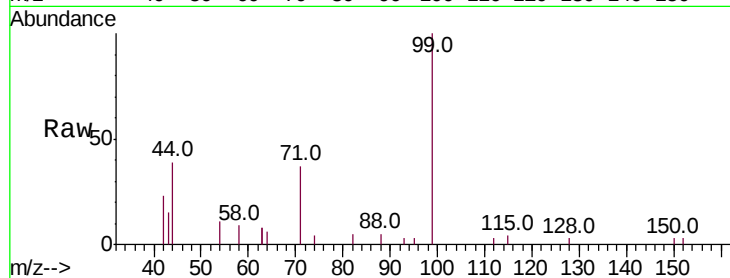
Tot Ion: 99 Resp: 2802

Ion Ratio Lower Upper

99 100

42 20.8 20.2 30.2

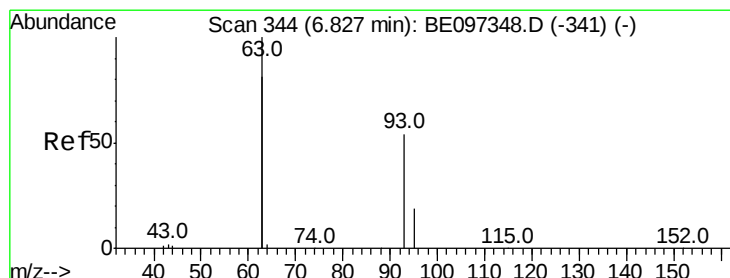
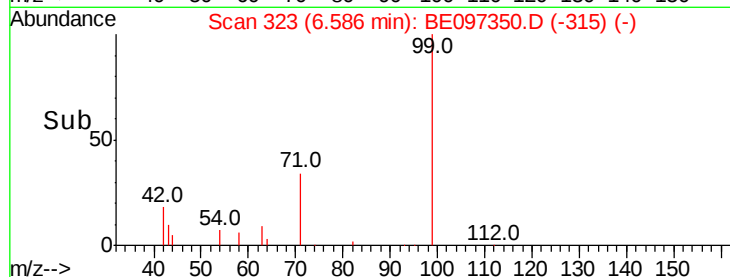
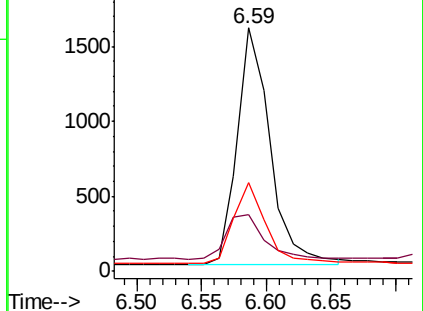
71 33.7 28.4 42.6



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: 0.871 ng

RT: 6.83 min Scan# 344

Delta R.T. 0.00 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

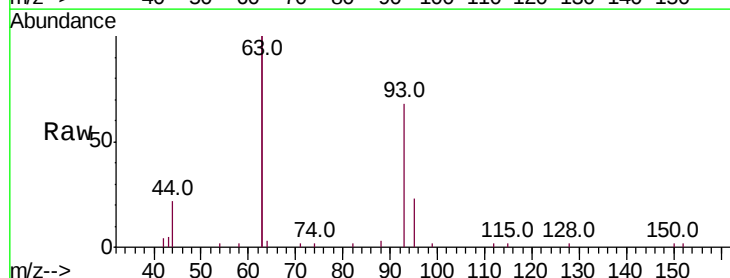
Tgt Ion: 93 Resp: 2665

Ion Ratio Lower Upper

93 100

63 339.4 275.3 412.9

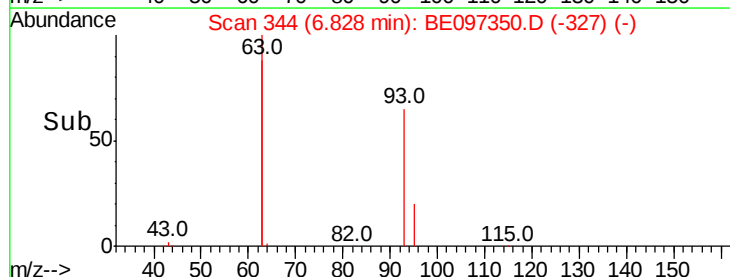
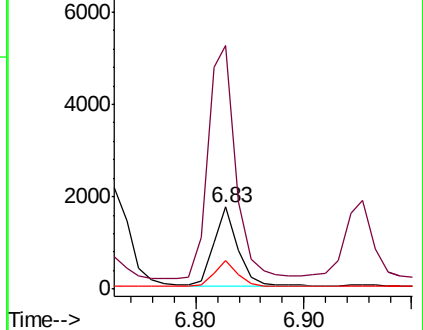
95 32.8 25.2 37.8

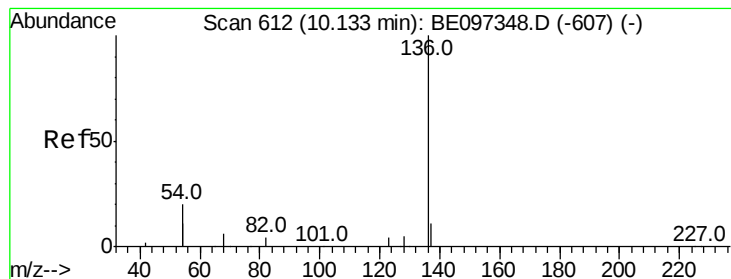


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 4207

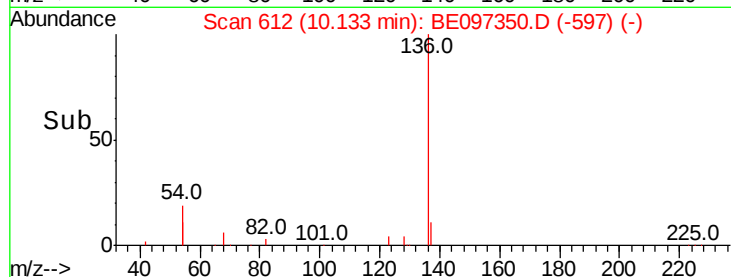
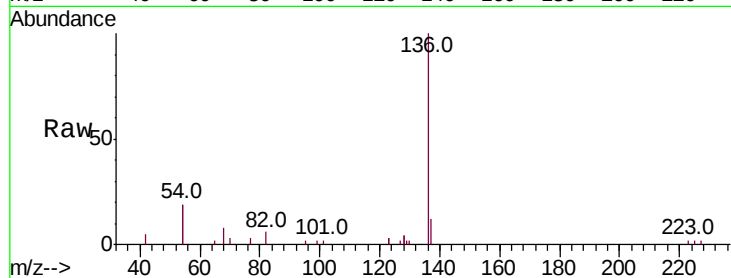
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 38.1 29.1 43.7

68 7.7 6.2 9.2

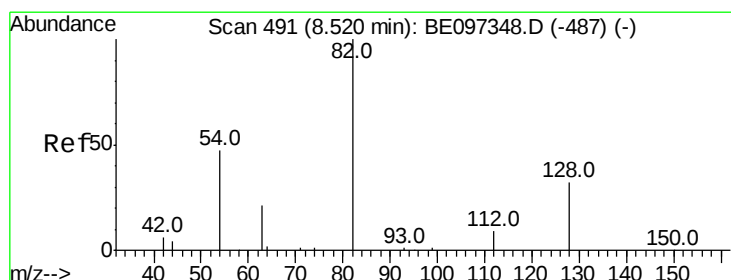
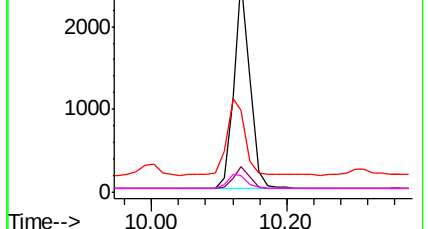


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 1.351 ng

RT: 8.51 min Scan# 490

Delta R.T. -0.01 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

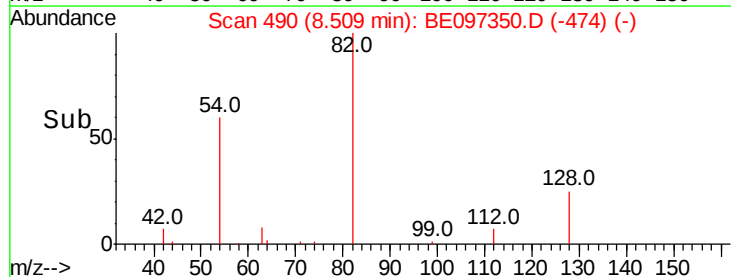
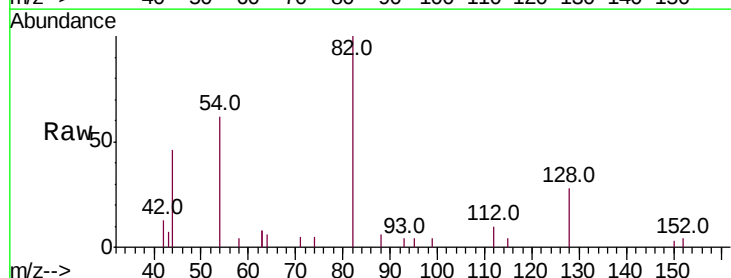
Tgt Ion: 82 Resp: 2431

Ion Ratio Lower Upper

82 100

128 27.5 24.0 36.0

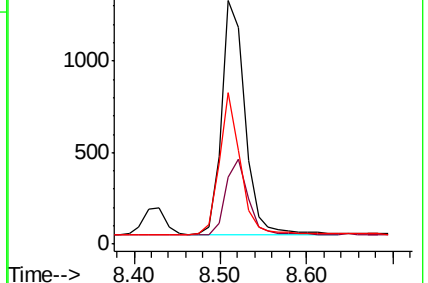
54 62.0 40.0 60.0#

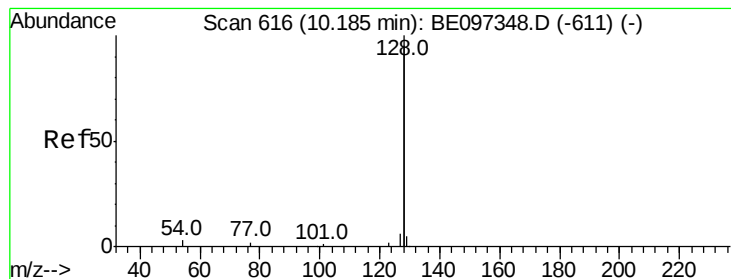


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.804 ng

RT: 10.18 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.8

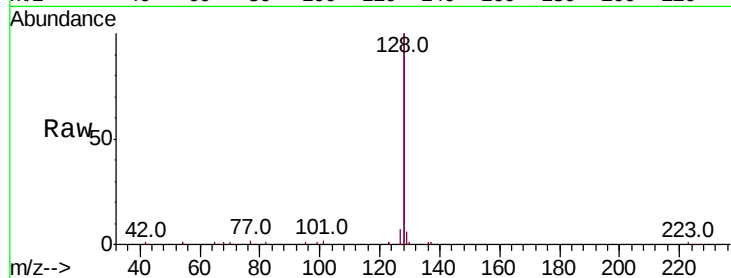
Tot Ion:128 Resp: 31002

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

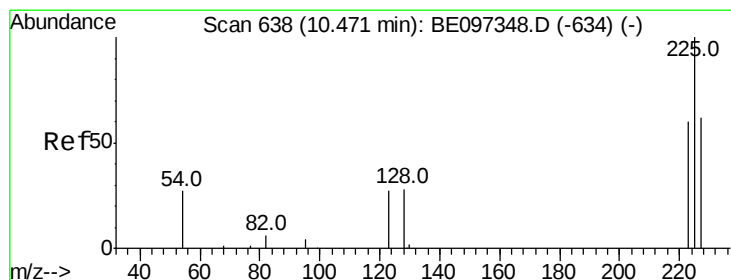
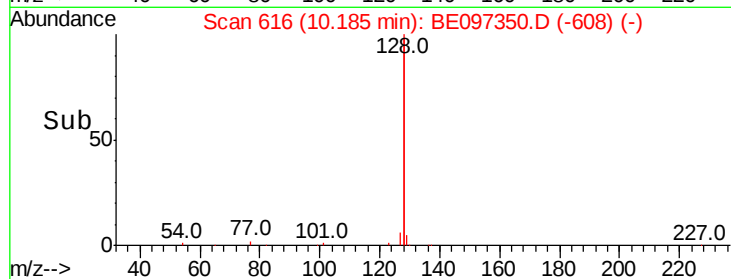
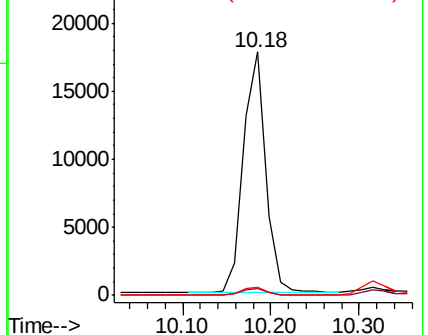
127 3.4 2.8 4.2



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: 0.821 ng

RT: 10.47 min Scan# 638

Delta R.T. 0.00 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

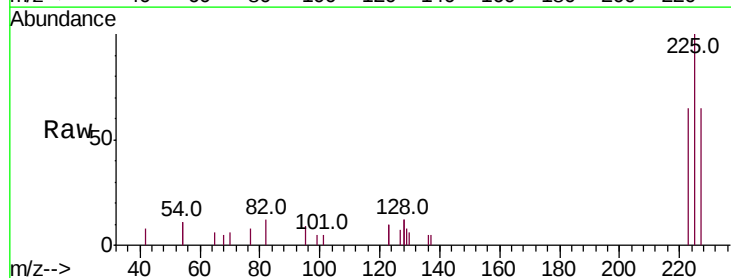
Tgt Ion:225 Resp: 1392

Ion Ratio Lower Upper

225 100

223 64.1 53.0 79.6

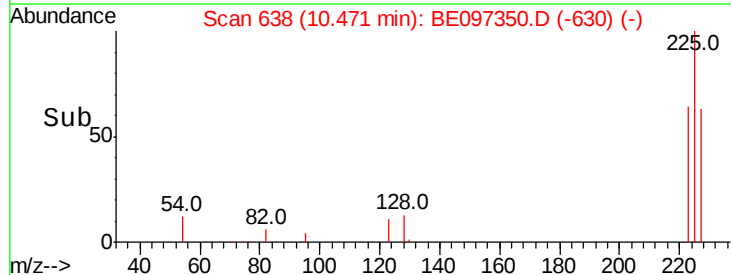
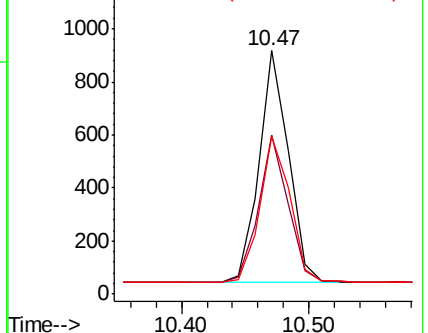
227 65.0 51.4 77.2

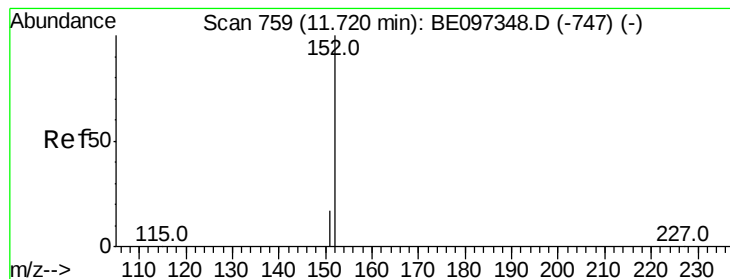


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.825 ng

RT: 11.72 min Scan# 759

Delta R.T. -0.00 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

Instrument :

BNA_E

ClientSampleId :

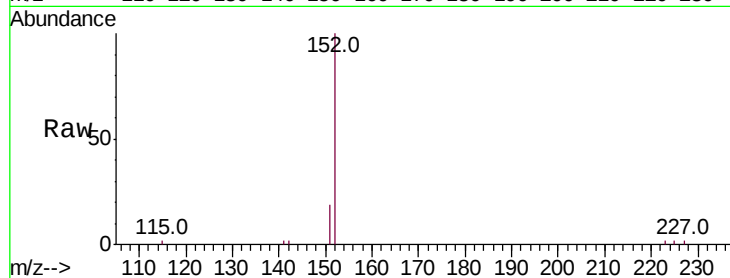
SSTDIC0.8

Tot Ion:152 Resp: 4691

Ion Ratio Lower Upper

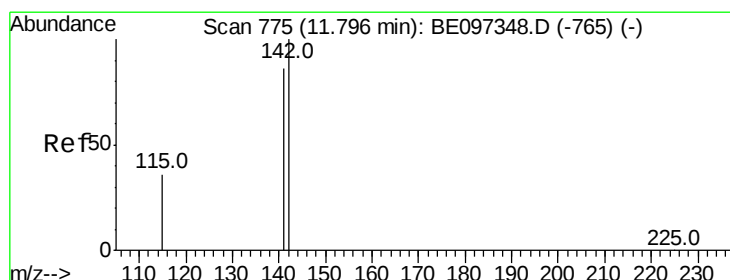
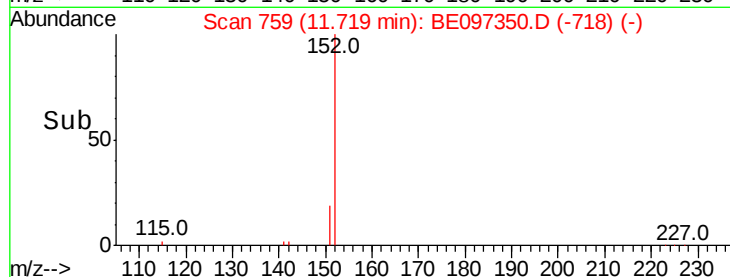
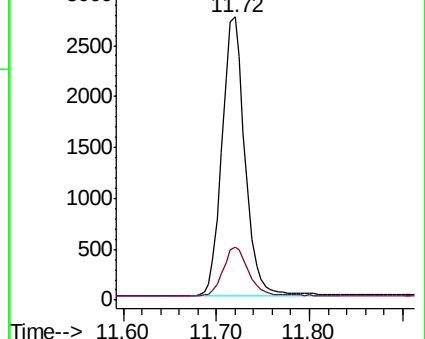
152 100

151 18.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.838 ng

RT: 11.79 min Scan# 774

Delta R.T. -0.01 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

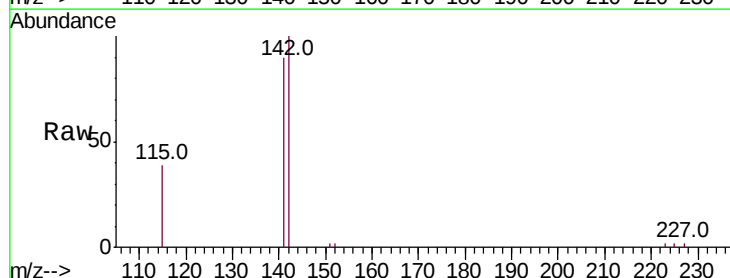
Tgt Ion:142 Resp: 4865

Ion Ratio Lower Upper

142 100

141 90.1 70.4 105.6

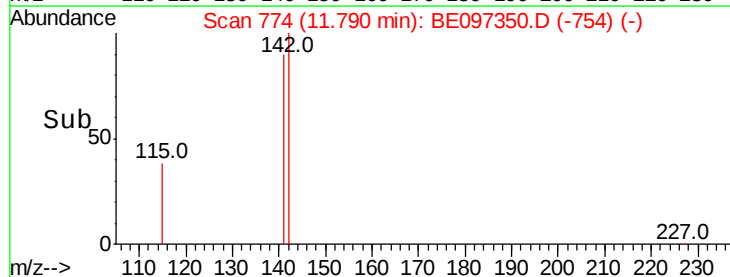
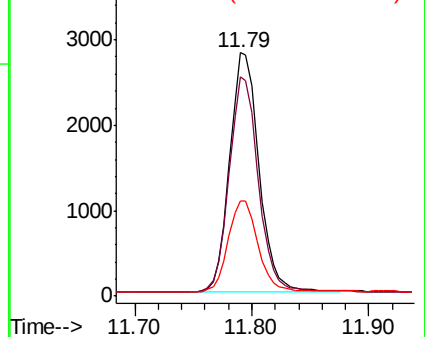
115 39.1 31.7 47.5

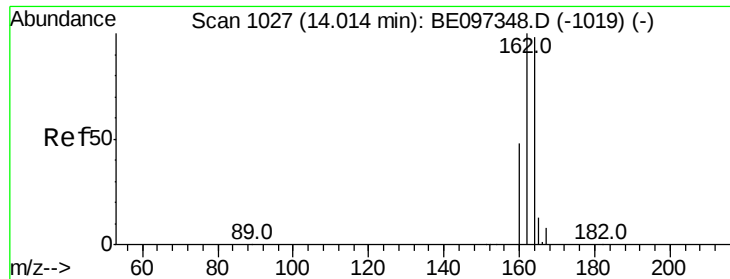


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

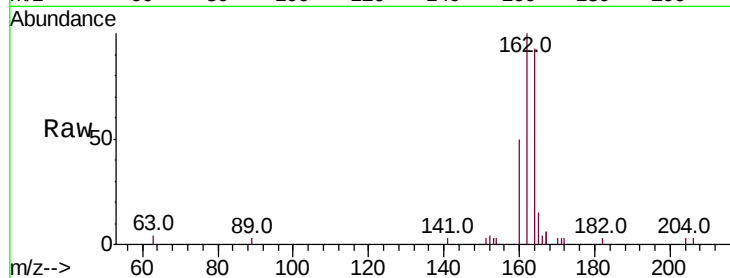
Tot Ion:164 Resp: 2274

Ion Ratio Lower Upper

164 100

162 107.1 83.1 124.7

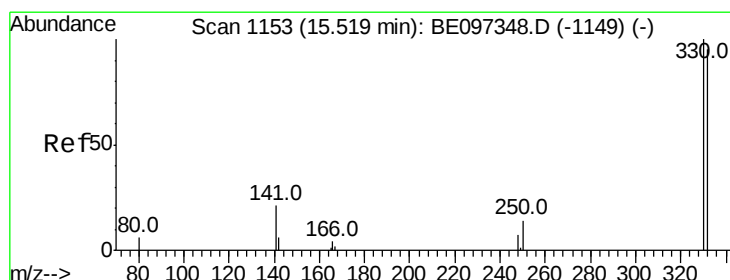
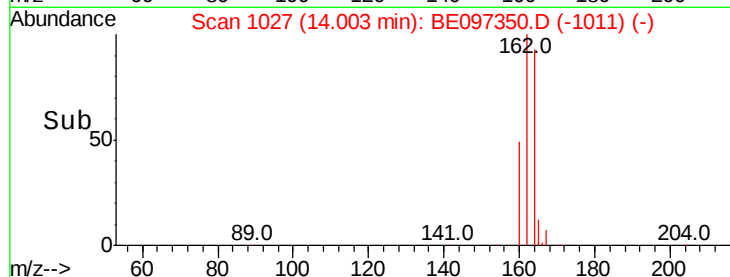
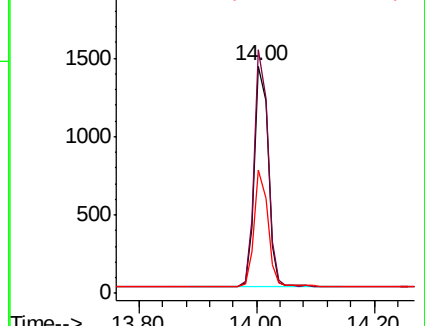
160 54.0 37.1 55.7



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: 1.578 ng

RT: 15.52 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

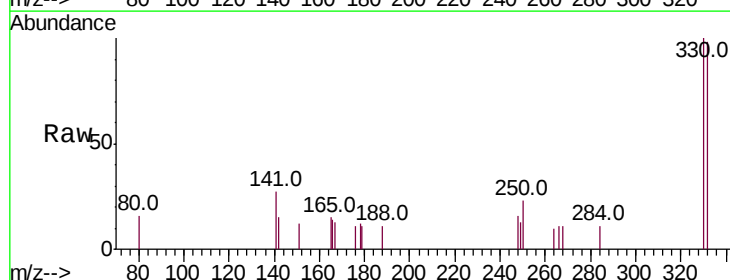
Tgt Ion:330 Resp: 591

Ion Ratio Lower Upper

330 100

332 97.1 152.7 229.1#

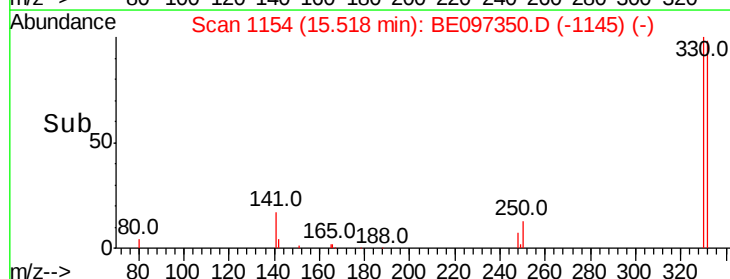
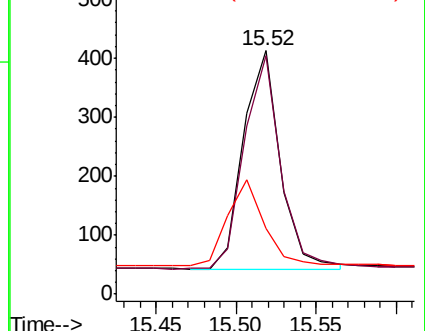
141 39.8 33.7 50.5

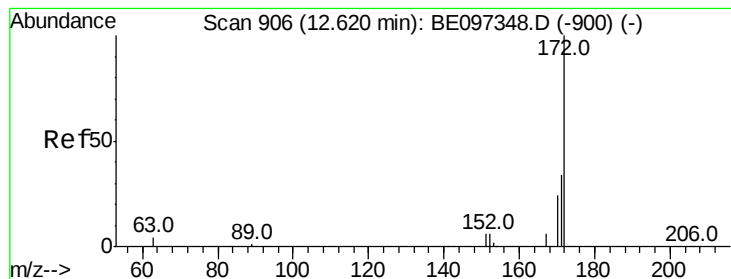


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.743 ng

RT: 12.62 min Scan# 907

Delta R.T. 0.00 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

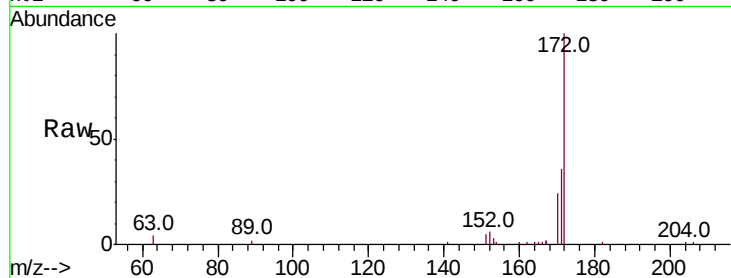
Tot Ion:172 Resp: 6931

Ion Ratio Lower Upper

172 100

171 35.6 29.9 44.9

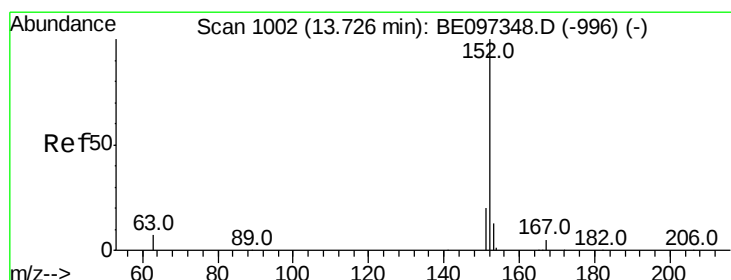
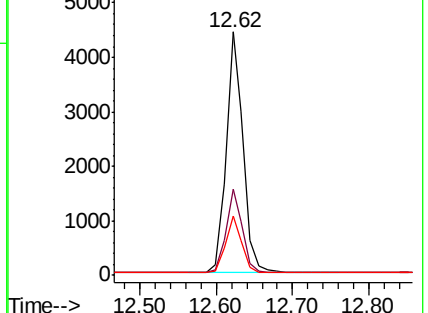
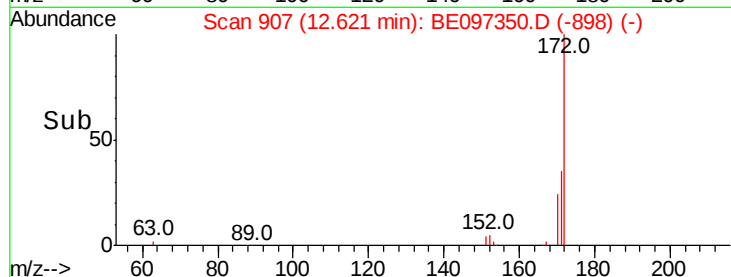
170 24.4 21.8 32.8



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: 0.849 ng

RT: 13.73 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

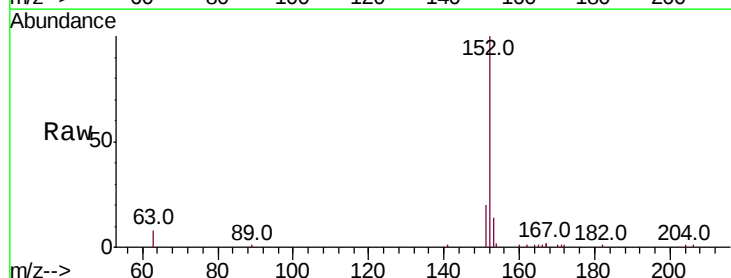
Tgt Ion:152 Resp: 7347

Ion Ratio Lower Upper

152 100

151 19.3 15.7 23.5

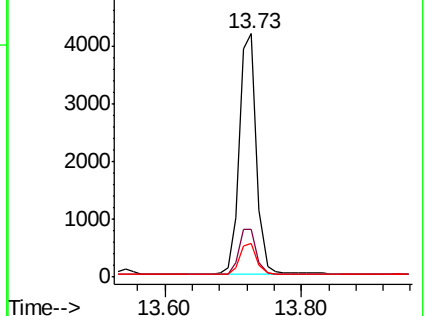
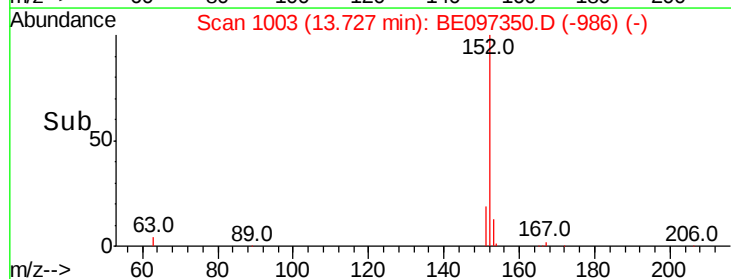
153 12.9 10.5 15.7

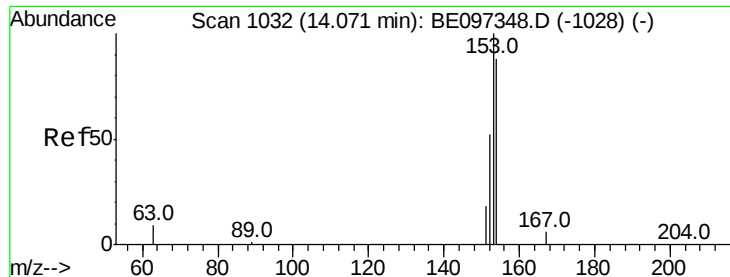


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.803 ng

RT: 14.07 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

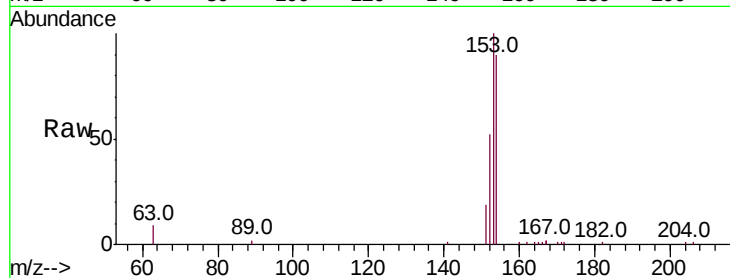
Tot Ion:154 Resp: 4914

Ion Ratio Lower Upper

154 100

153 113.9 89.2 133.8

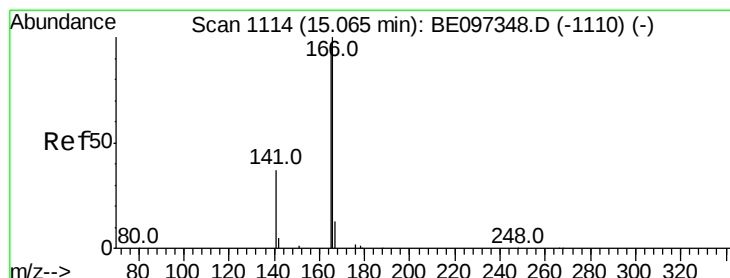
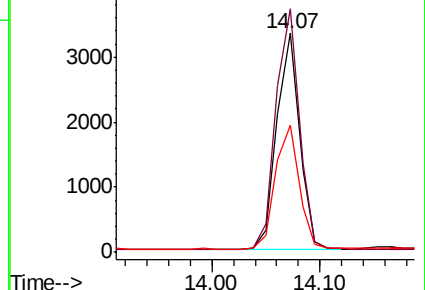
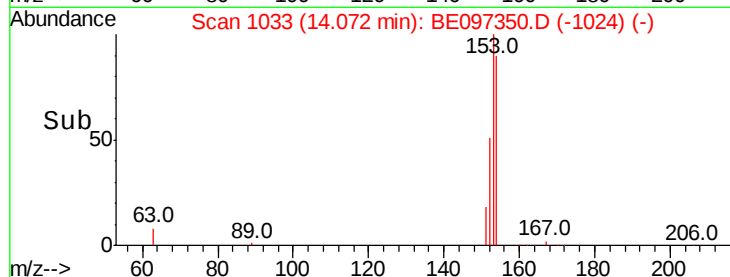
152 59.5 42.0 63.0



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: 0.832 ng

RT: 15.06 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

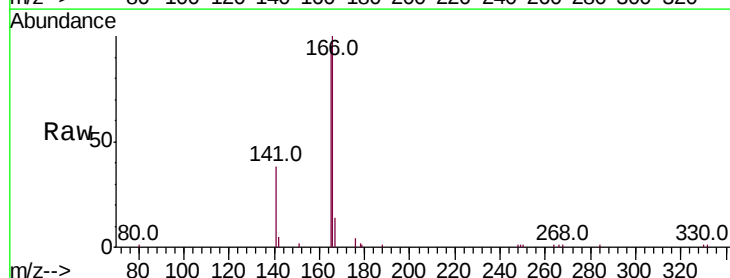
Tgt Ion:166 Resp: 6218

Ion Ratio Lower Upper

166 100

165 97.7 77.8 116.6

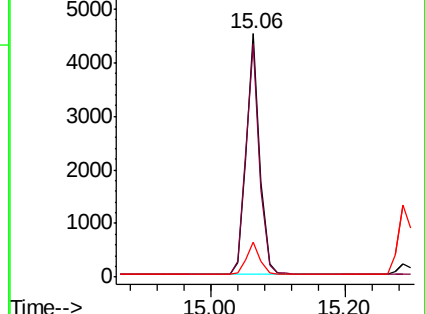
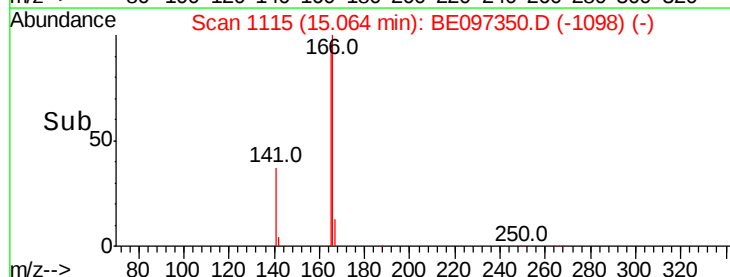
167 13.4 42.4 63.6#

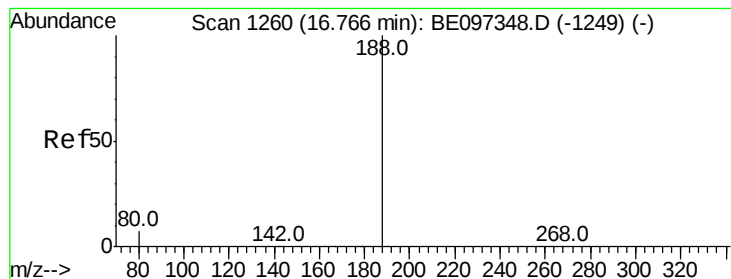


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE097350.D

Acq: 22 Aug 2018 16:40

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

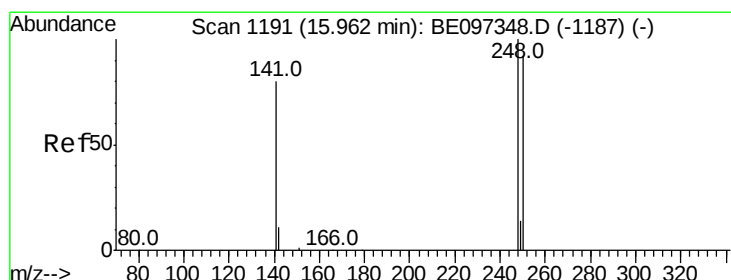
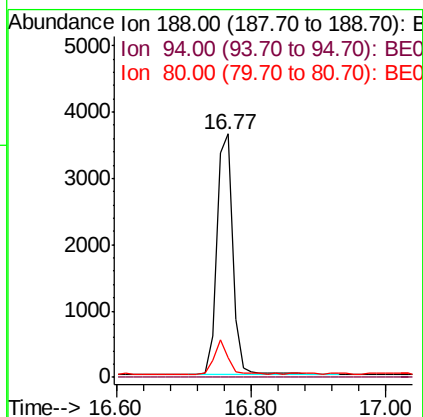
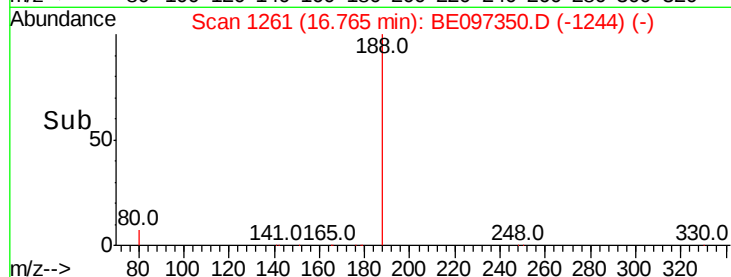
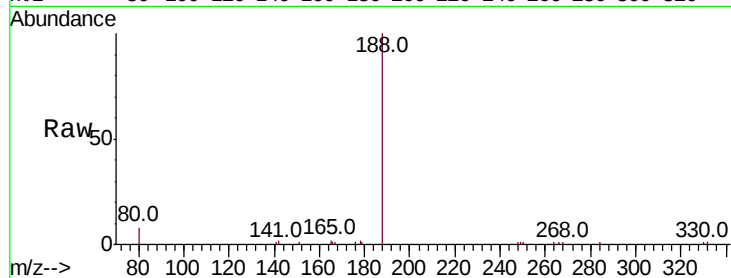
Tot Ion:188 Resp: 6052

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 8.2 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.828 ng

RT: 15.96 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

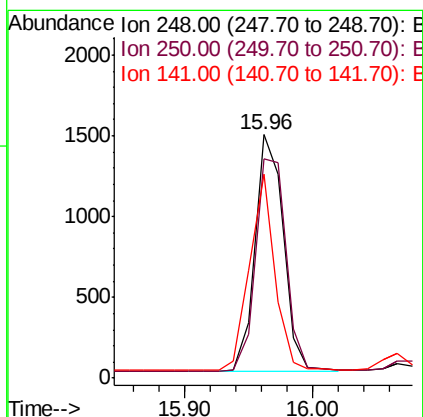
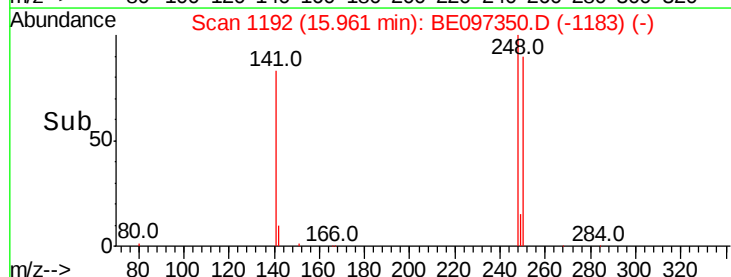
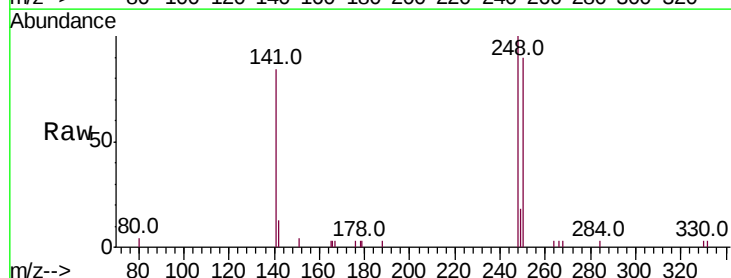
Tgt Ion:248 Resp: 2261

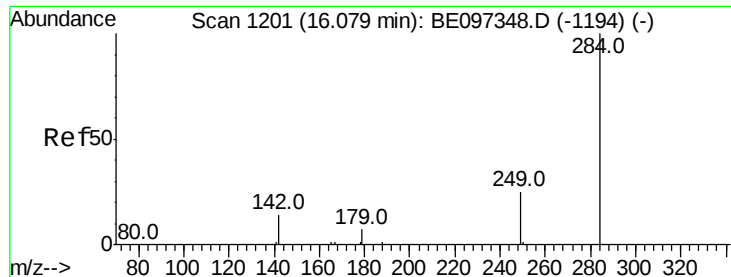
Ion Ratio Lower Upper

248 100

250 90.3 62.7 94.1

141 83.7 48.2 72.2#





#21

Hexachlorobenzene

Concen: 0.682 ng

RT: 16.08 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

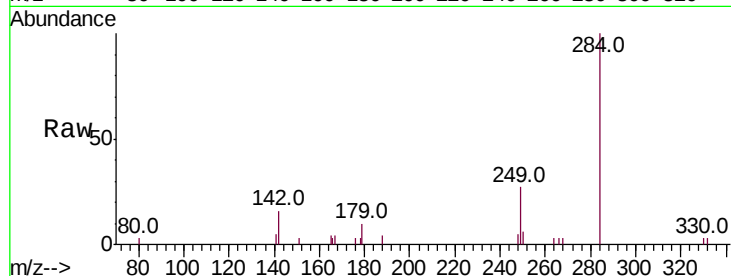
Tot Ion:284 Resp: 2502

Ion Ratio Lower Upper

284 100

142 34.2 22.1 33.1#

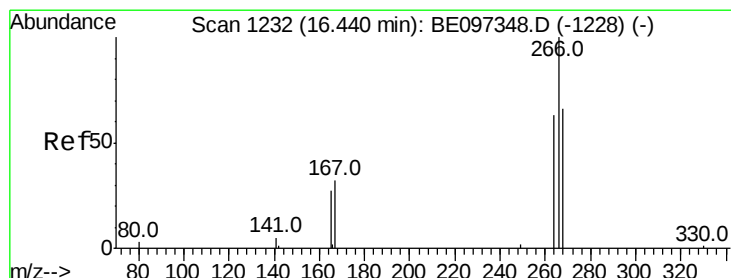
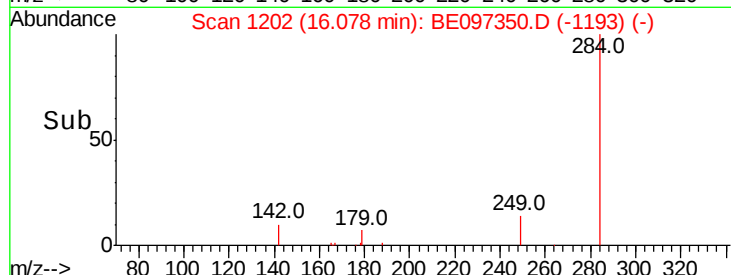
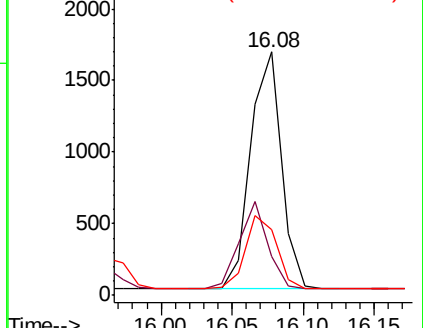
249 31.3 34.8 52.2#



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: 1.723 ng

RT: 16.43 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

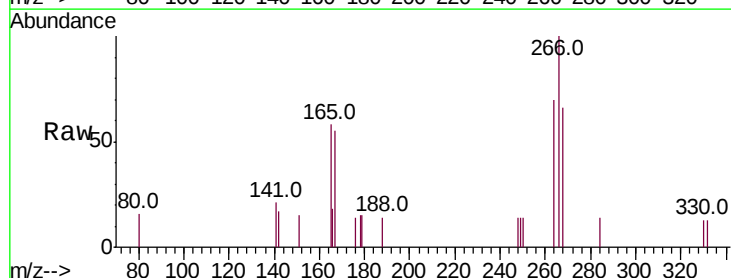
Tgt Ion:266 Resp: 620

Ion Ratio Lower Upper

266 100

264 70.0 72.5 108.7#

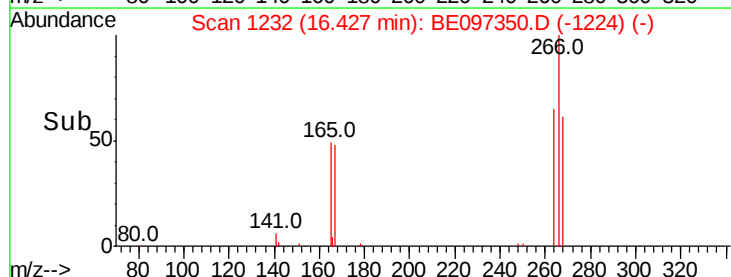
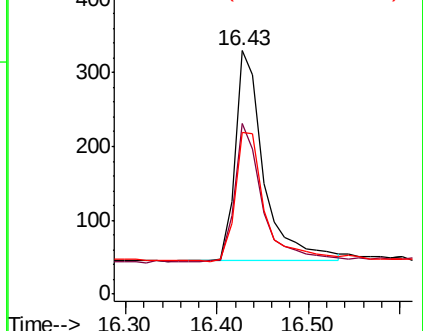
268 66.4 73.8 110.6#

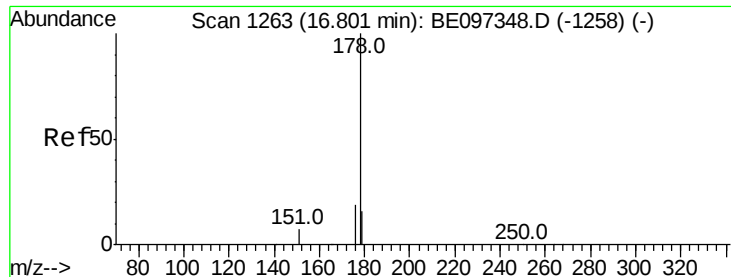


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.788 ng

RT: 16.80 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

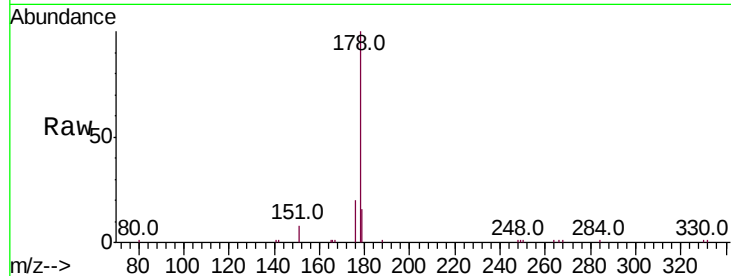
Tot Ion:178 Resp: 11630

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

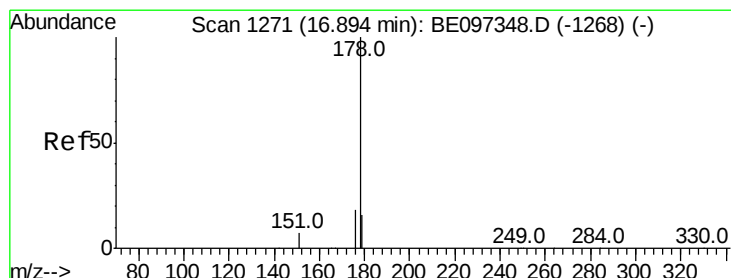
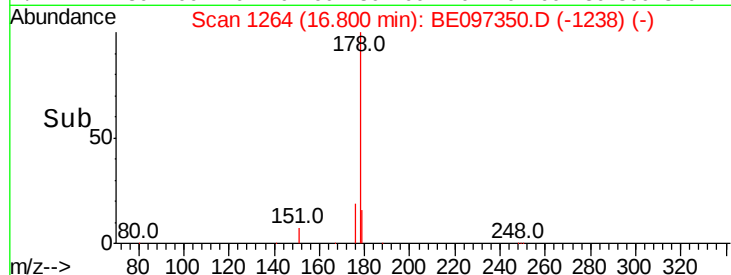
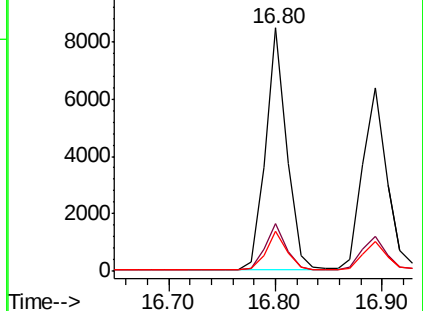
179 15.6 11.8 17.6



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: 0.907 ng

RT: 16.89 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

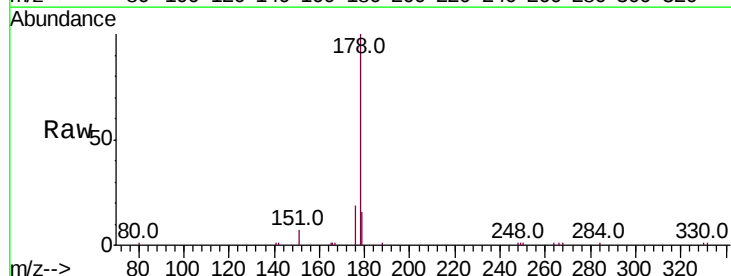
Tgt Ion:178 Resp: 9910

Ion Ratio Lower Upper

178 100

176 18.4 12.8 19.2

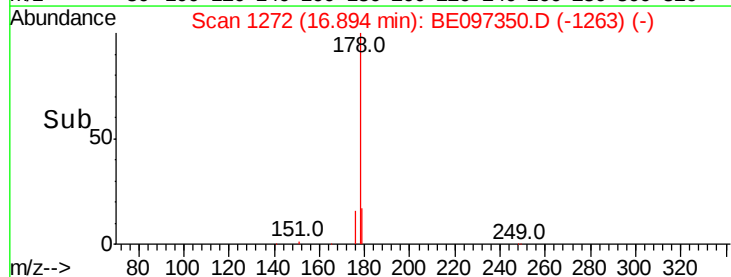
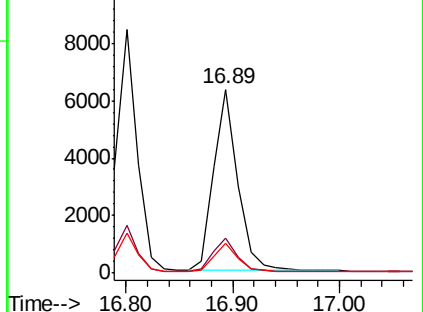
179 15.3 13.0 19.6

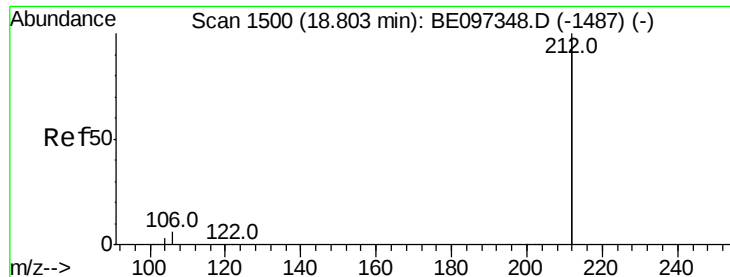


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.009 ng

RT: 18.80 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

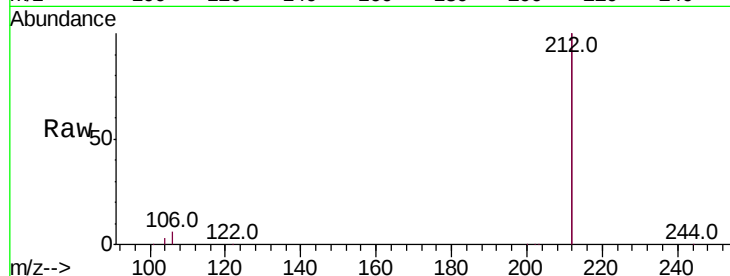
Tot Ion:212 Resp: 54487

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

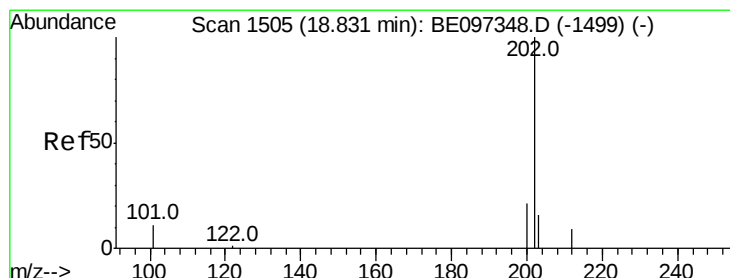
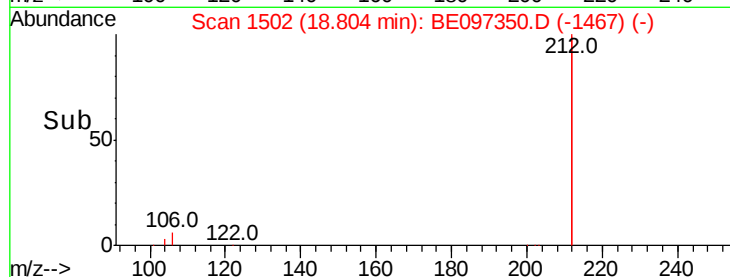
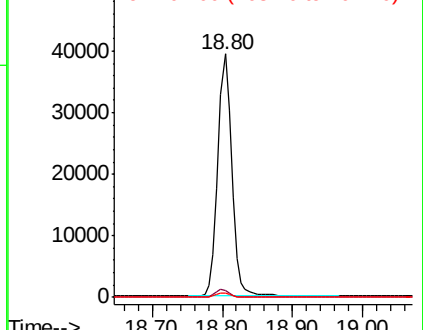
104 1.7 1.6 2.4



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: 1.021 ng

RT: 18.83 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

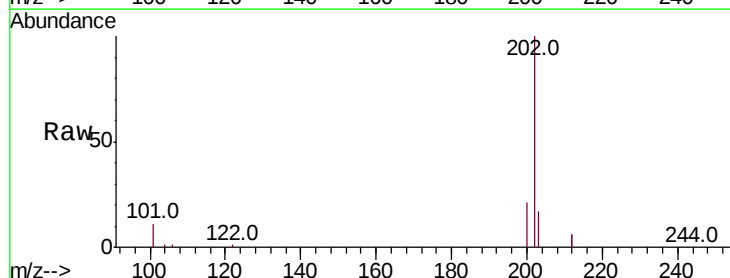
Tgt Ion:202 Resp: 14525

Ion Ratio Lower Upper

202 100

101 11.0 9.8 14.8

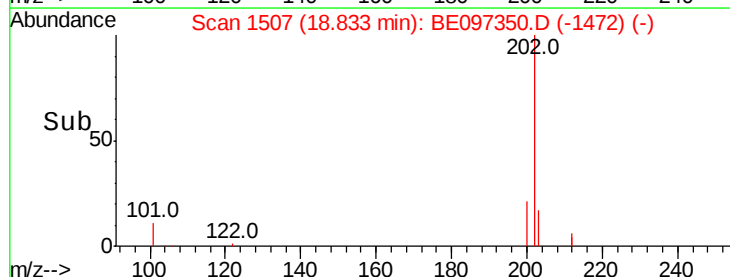
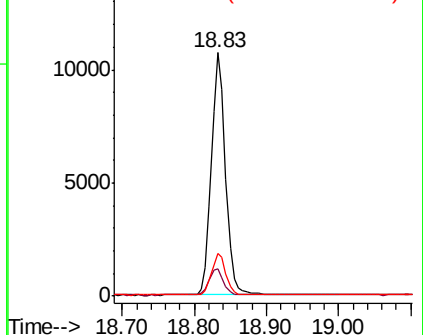
203 17.3 13.7 20.5

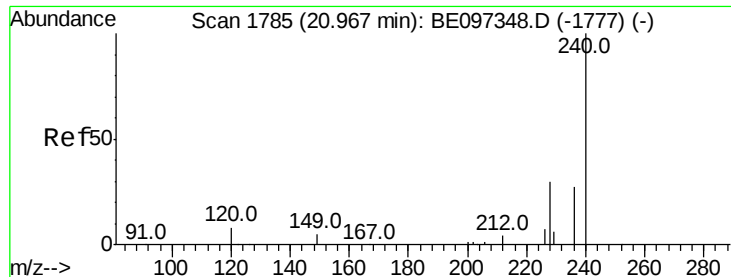


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

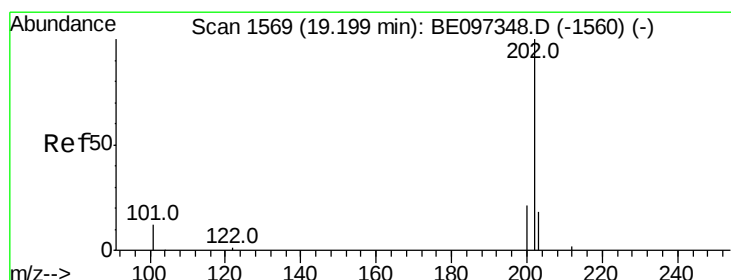
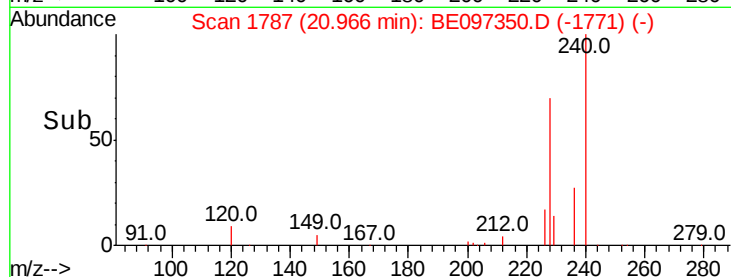
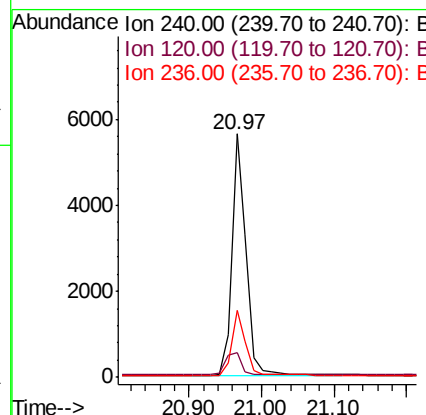
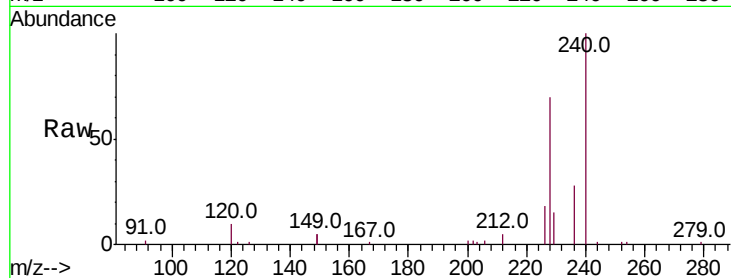




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BE097350.D
 Acq: 22 Aug 2018 16:40

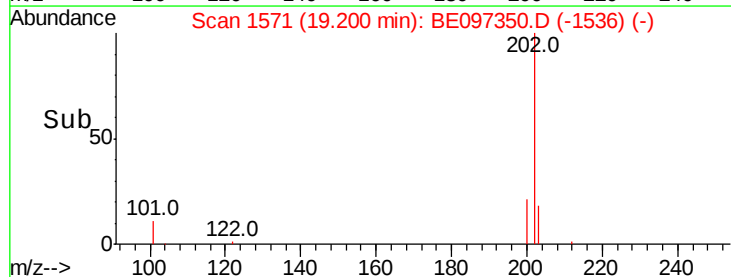
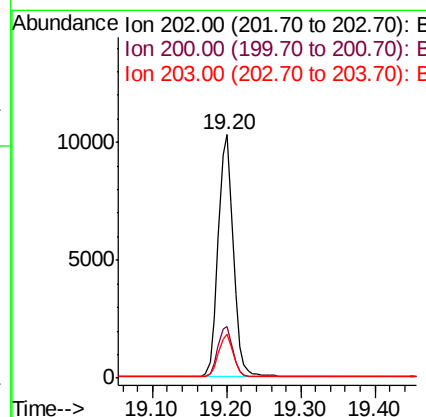
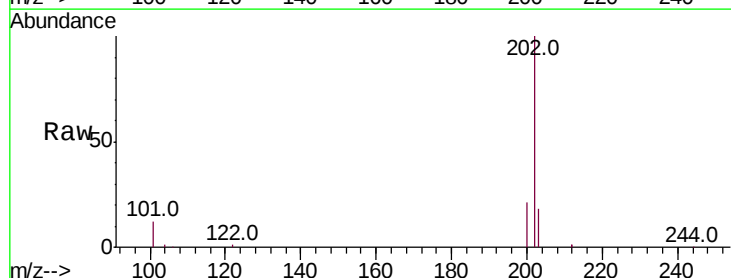
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

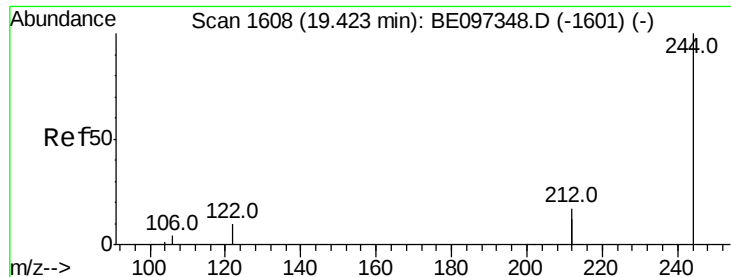
Tot Ion:240 Resp: 7734
 Ion Ratio Lower Upper
 240 100
 120 10.4 5.5 8.3#
 236 27.7 20.7 31.1



#28
 Pyrene
 Concen: 0.708 ng
 RT: 19.20 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BE097350.D
 Acq: 22 Aug 2018 16:40

Tgt Ion:202 Resp: 14702
 Ion Ratio Lower Upper
 202 100
 200 21.2 16.6 25.0
 203 17.4 13.8 20.8





#29

Terphenyl-d14

Concen: 0.746 ng

RT: 19.42 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

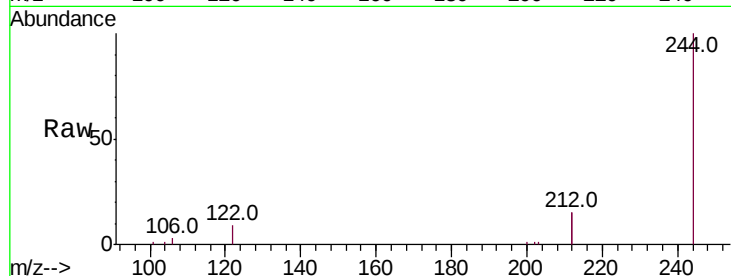
Tot Ion:244 Resp: 11542

Ion Ratio Lower Upper

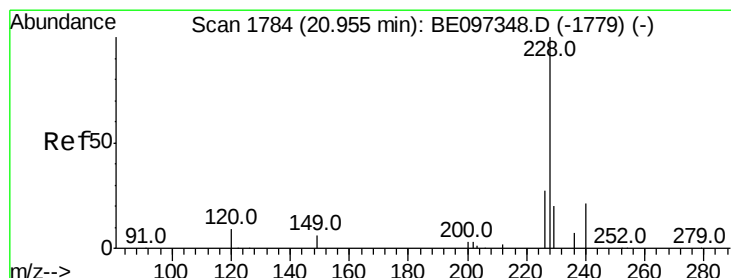
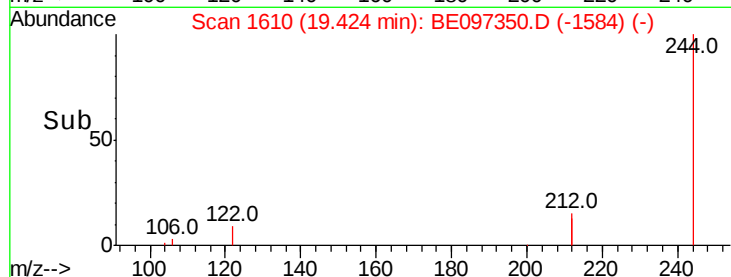
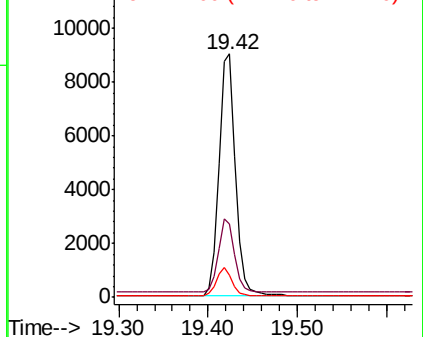
244 100

212 30.1 25.4 38.0

122 9.1 8.1 12.1



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: 0.922 ng

RT: 20.95 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

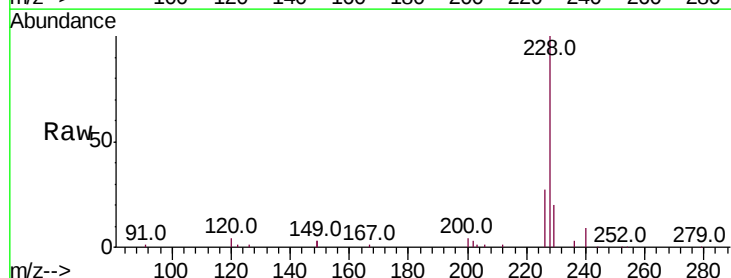
Tgt Ion:228 Resp: 15329

Ion Ratio Lower Upper

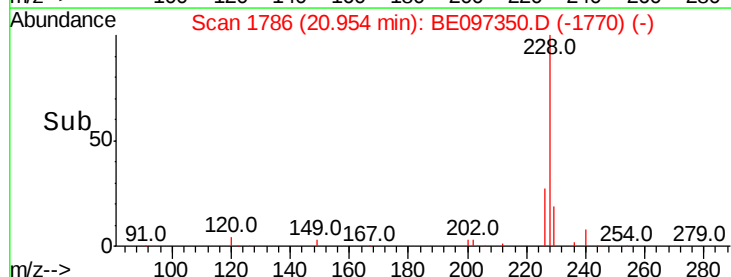
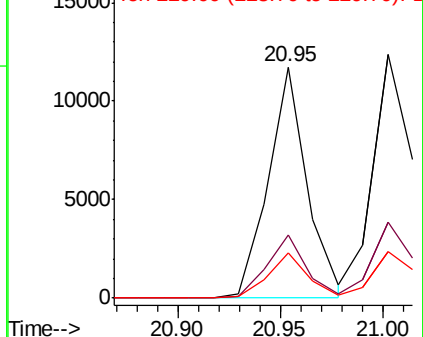
228 100

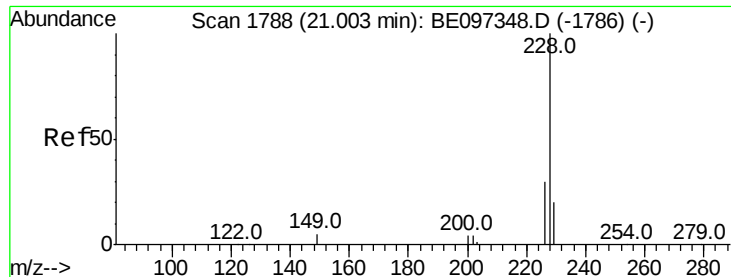
226 27.3 24.0 36.0

229 19.6 16.0 24.0



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: 0.770 ng

RT: 21.00 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

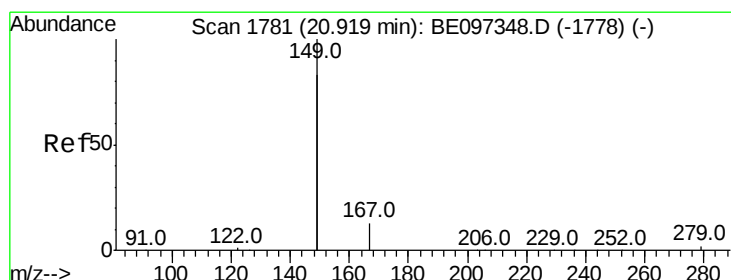
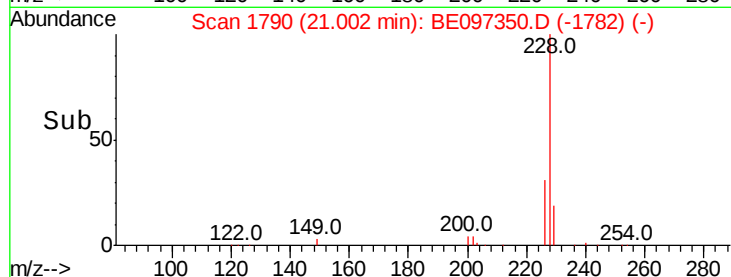
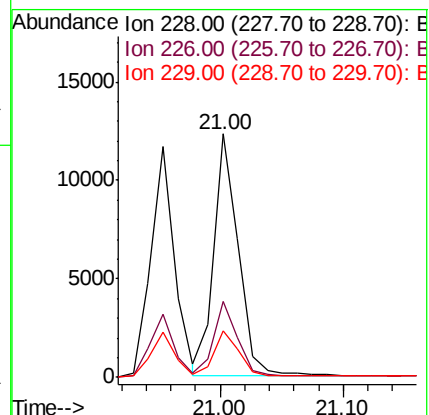
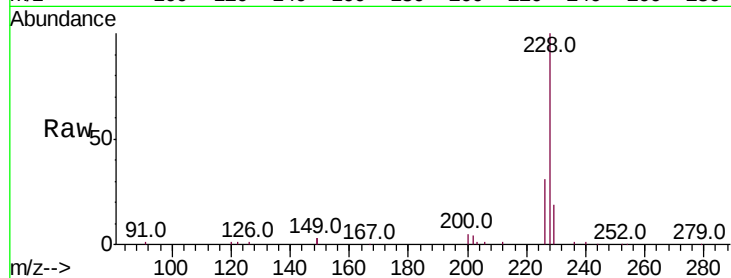
Tot Ion:228 Resp: 16778

Ion Ratio Lower Upper

228 100

226 30.9 24.0 36.0

229 19.3 16.0 24.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.661 ng

RT: 20.92 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

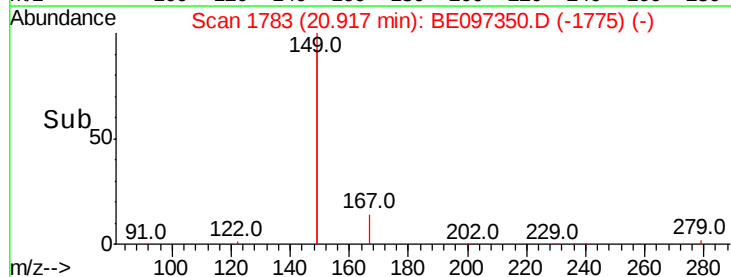
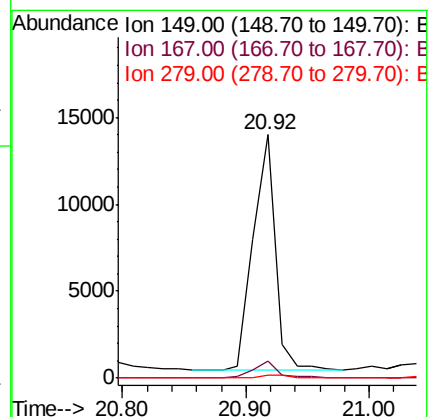
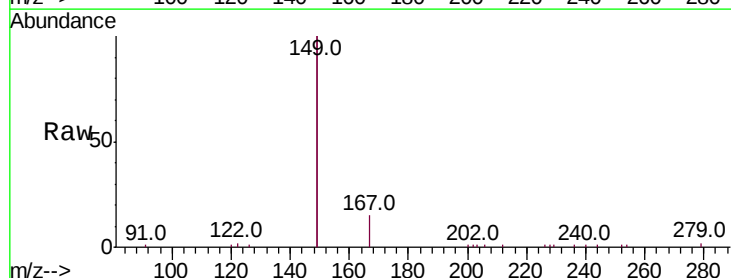
Tgt Ion:149 Resp: 16812

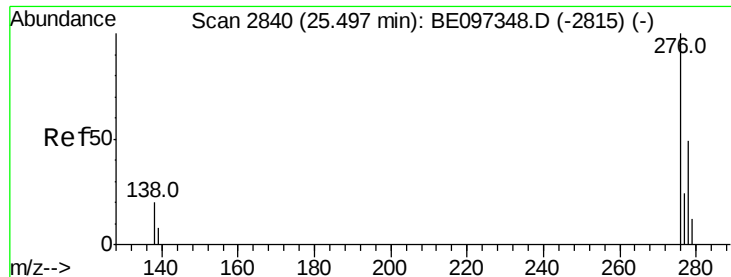
Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

279 0.9 0.7 1.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 1.338 ng

RT: 25.49 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

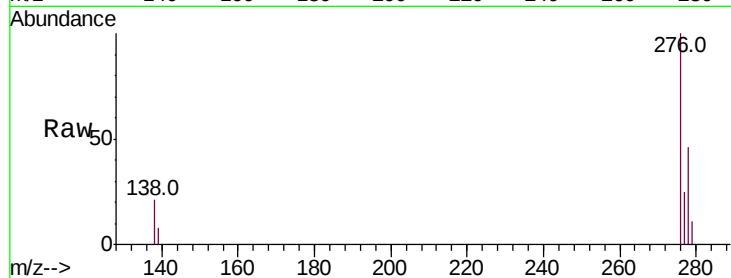
Tot Ion:276 Resp: 18531

Ion Ratio Lower Upper

276 100

138 21.7 22.5 33.7#

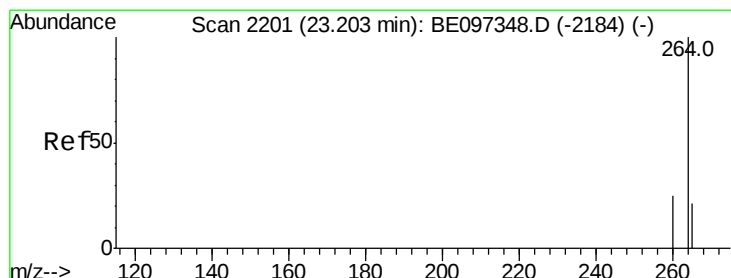
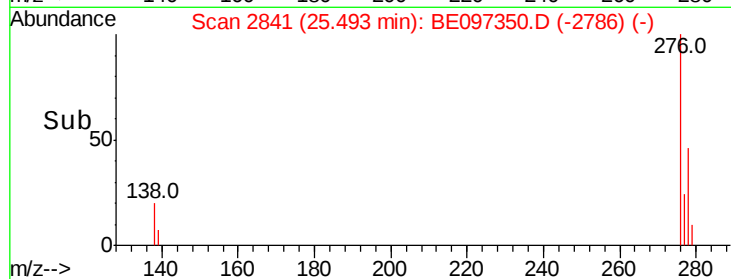
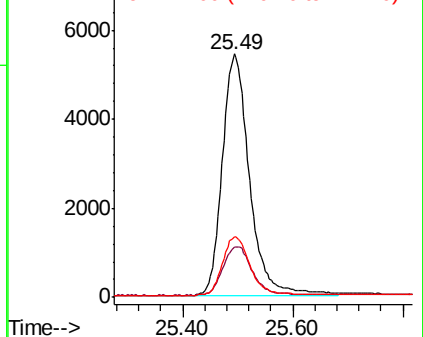
277 24.6 19.9 29.9



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: 23.21 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

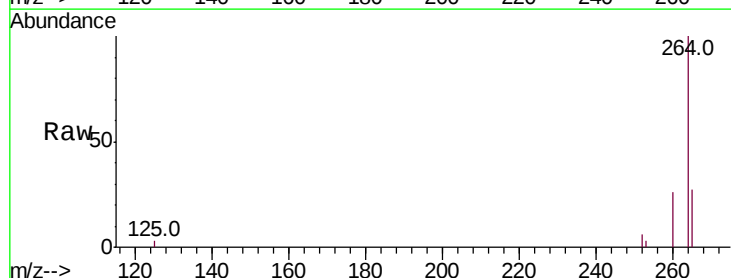
Tgt Ion:264 Resp: 7124

Ion Ratio Lower Upper

264 100

260 25.6 20.5 30.7

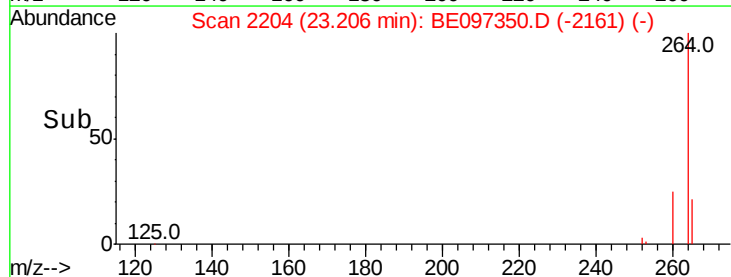
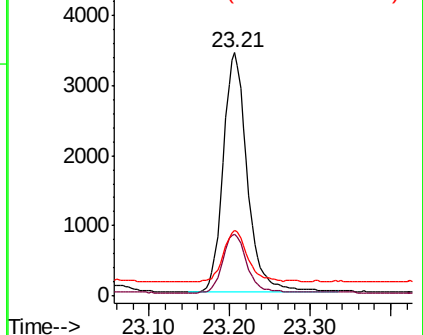
265 26.9 22.8 34.2

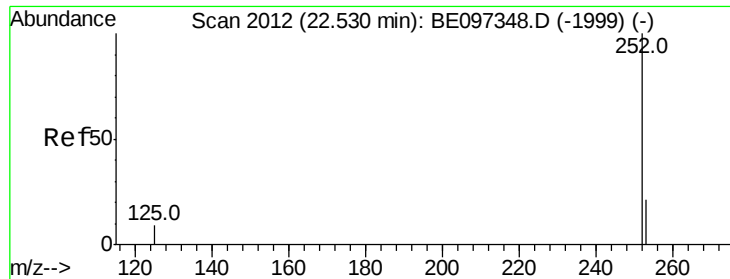


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.797 ng

RT: 22.53 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

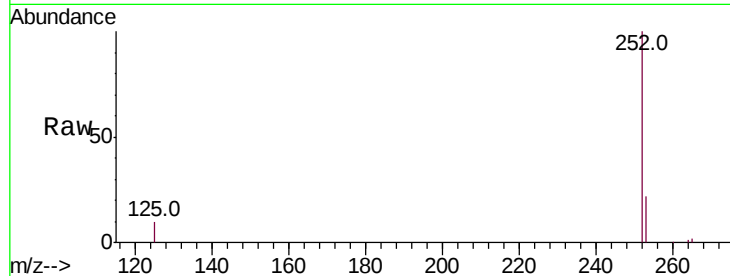
Tot Ion:252 Resp: 14969

Ion Ratio Lower Upper

252 100

253 22.1 20.0 30.0

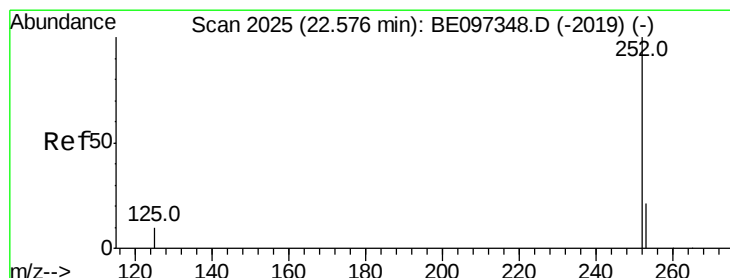
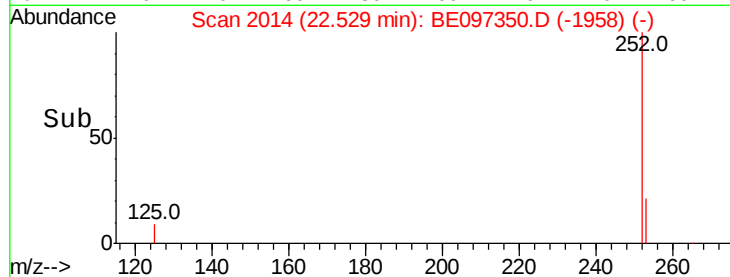
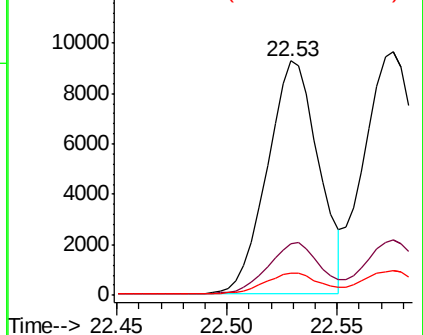
125 9.6 16.0 24.0#



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: 0.660 ng

RT: 22.58 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

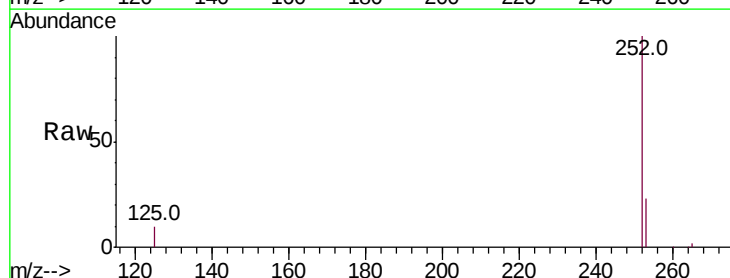
Tgt Ion:252 Resp: 17397

Ion Ratio Lower Upper

252 100

253 22.6 16.0 24.0

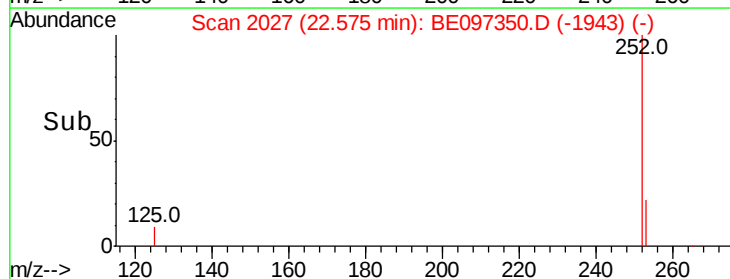
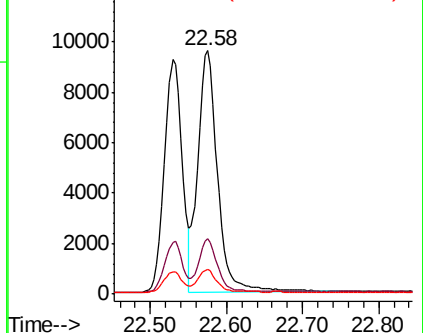
125 10.0 8.0 12.0

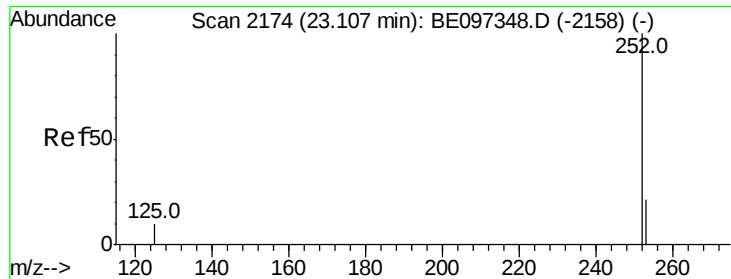


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.825 ng

RT: 23.11 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

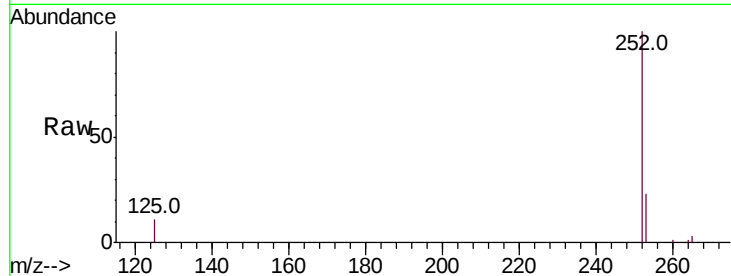
Tot Ion:252 Resp: 14119

Ion Ratio Lower Upper

252 100

253 22.6 16.0 24.0

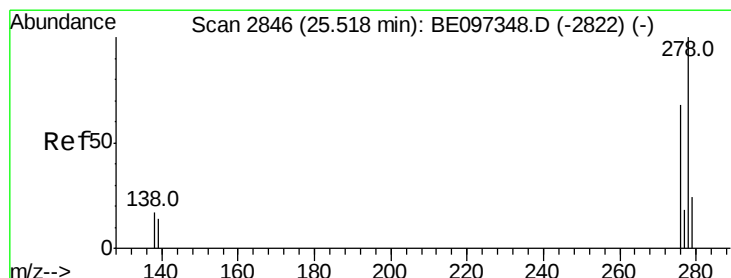
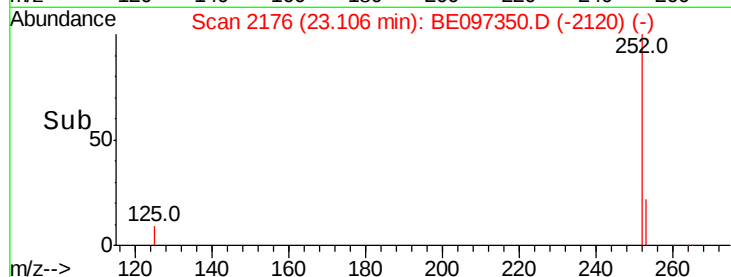
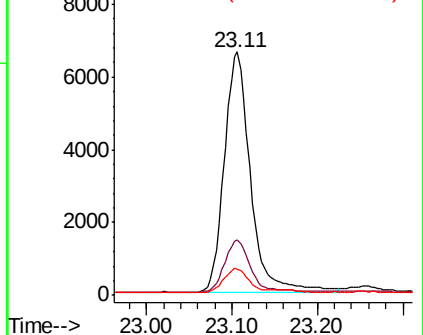
125 10.5 12.0 18.0#



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: 1.082 ng

RT: 25.51 min Scan# 2847

Delta R.T. -0.00 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

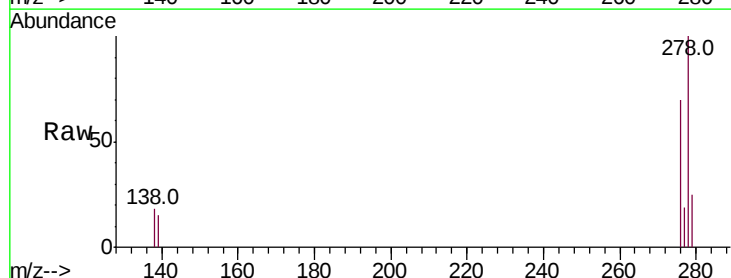
Tgt Ion:278 Resp: 15819

Ion Ratio Lower Upper

278 100

139 15.4 16.0 24.0#

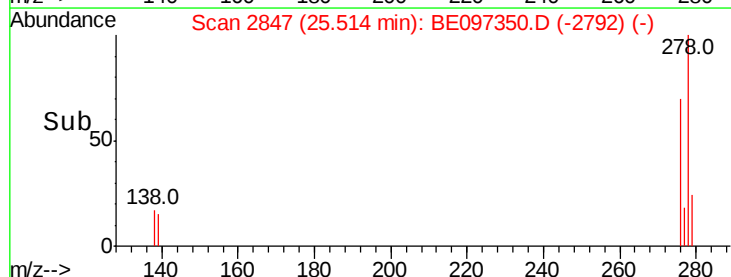
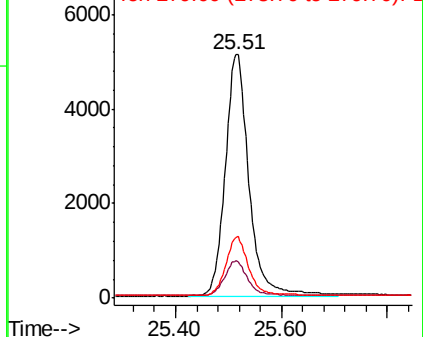
279 24.9 20.0 30.0

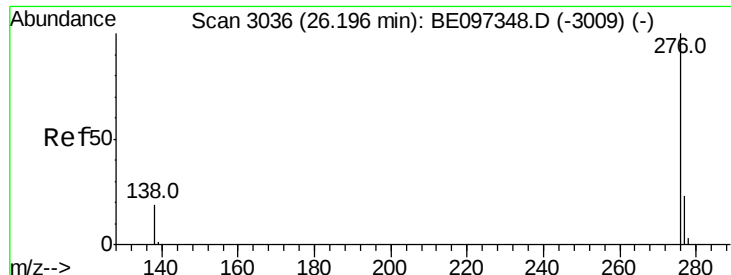


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.082 ng

RT: 26.19 min Scan# 3037

Delta R.T. -0.00 min

Lab File: BE097350.D

Acq: 22 Aug 2018 16:40

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

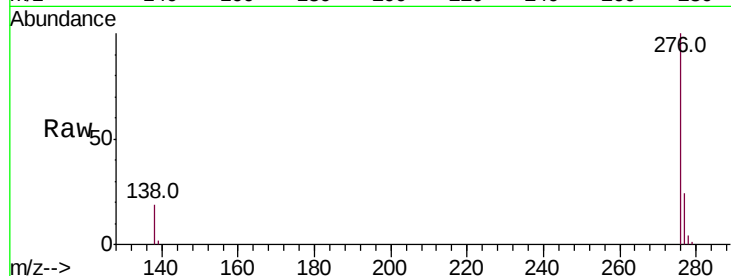
Tot Ion:276 Resp: 15953

Ion Ratio Lower Upper

276 100

277 24.1 16.0 24.0#

138 19.2 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

