

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082218\
 Data File : BE097347.D
 Acq On : 22 Aug 2018 14:47
 Operator : SJ/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Aug 22 16:06:32 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	821	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3779	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2065	0.40	ng	-0.01
19) Phenanthrene-d10	16.76	188	5810	0.40	ng	0.00
27) Chrysene-d12	20.97	240	7482	0.40	ng	0.00
34) Perylene-d12	23.21	264	7476	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	468	0.25	ng	0.00
5) Phenol-d6	6.59	99	579	0.21	ng	0.00
8) Nitrobenzene-d5	8.52	82	504	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	1061	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	121	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	1436	0.17	ng	0.00
25) Fluoranthene-d10	18.80	212	13375	0.26	ng	0.00
29) Terphenyl-d14	19.42	244	2616	0.17	ng	0.00

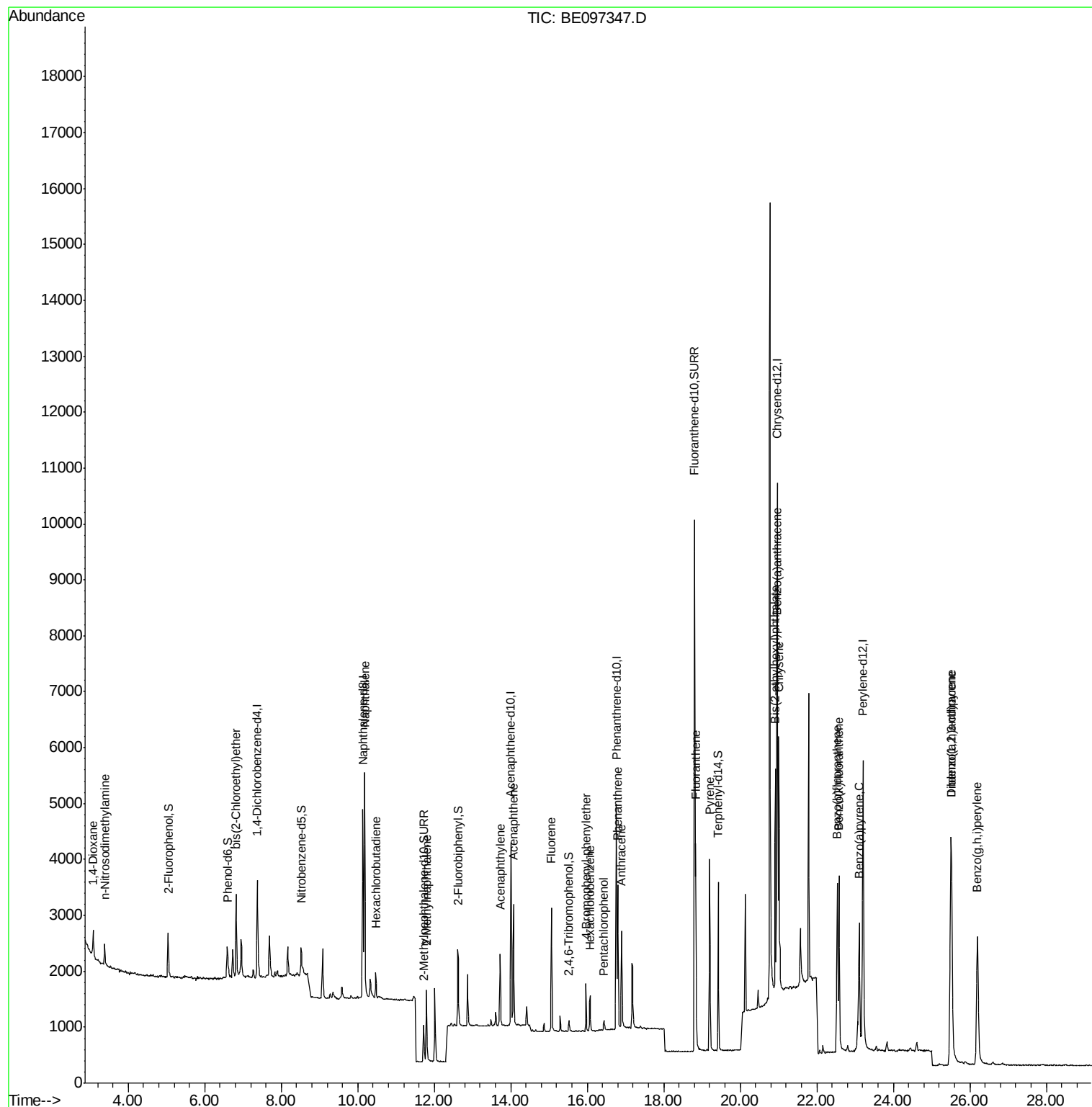
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.08	88	352	0.270	ng	# 76
3) n-Nitrosodimethylamine	3.38	42	241	0.212	ng	# 92
6) bis(2-Chloroethyl)ether	6.82	93	574	0.207	ng	# 92
9) Naphthalene	10.19	128	6675	0.193	ng	# 98
10) Hexachlorobutadiene	10.47	225	307	0.201	ng	# 97
12) 2-Methylnaphthalene	11.80	142	1043	0.200	ng	# 96
16) Acenaphthylene	13.73	152	1514	0.193	ng	# 98
17) Acenaphthene	14.07	154	1042	0.188	ng	# 95
18) Fluorene	15.06	166	1318	0.194	ng	# 79
20) 4-Bromophenyl-phenylether	15.97	248	492	0.188	ng	# 81
21) Hexachlorobenzene	16.08	284	524	0.149	ng	# 84
22) Pentachlorophenol	16.44	266	136	0.394	ng	# 85
23) Phenanthrene	16.80	178	2657	0.187	ng	# 98
24) Anthracene	16.89	178	2129	0.203	ng	# 96
26) Fluoranthene	18.84	202	3236	0.237	ng	# 99
28) Pyrene	19.20	202	3431	0.171	ng	# 99
30) Benzo(a)anthracene	20.96	228	3521	0.219	ng	# 97
31) Chrysene	21.00	228	3967	0.188	ng	# 96
32) Bis(2-ethylhexyl)phthalate	20.92	149	5036	0.514	ng	# 98
33) Indeno(1,2,3-cd)pyrene	25.50	276	6121	0.457	ng	# 92
35) Benzo(b)fluoranthene	22.53	252	3978	0.202	ng	# 92
36) Benzo(k)fluoranthene	22.58	252	4501	0.163	ng	# 89
37) Benzo(a)pyrene	23.11	252	3604	0.201	ng	# 92
38) Dibenzo(a,h)anthracene	25.52	278	5116	0.333	ng	# 95
39) Benzo(g,h,i)perylene	26.20	276	5407	0.350	ng	# 90

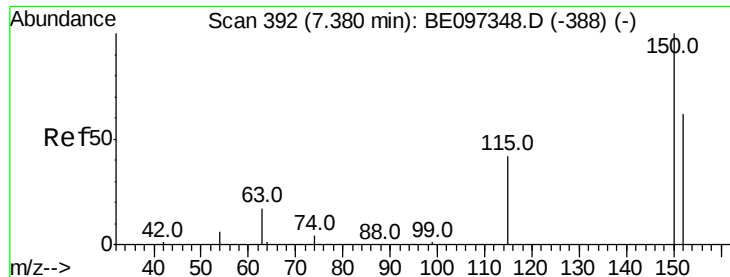
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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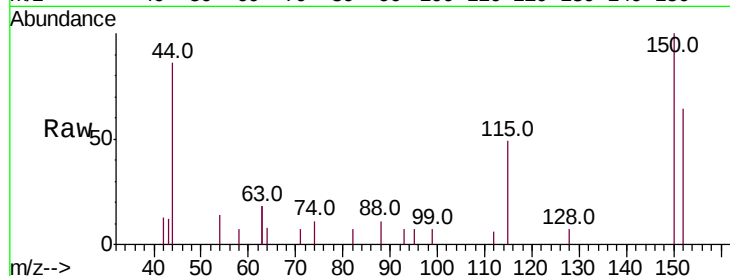


#1

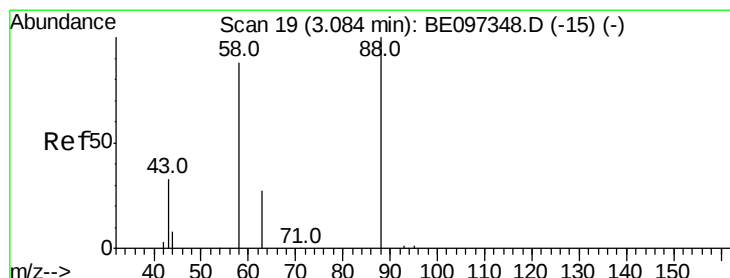
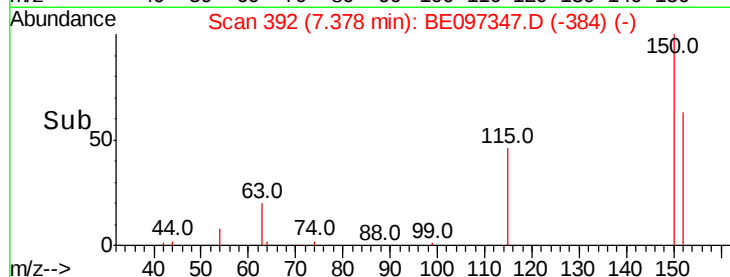
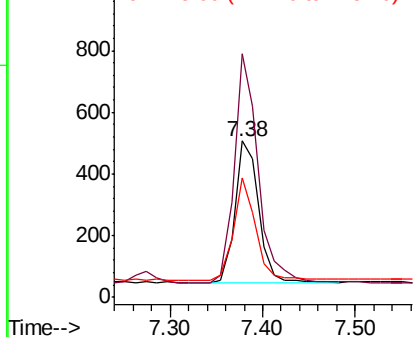
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:152 Resp: 821
Ion Ratio Lower Upper
152 100
150 155.9 117.2 175.8
115 76.9 57.0 85.6



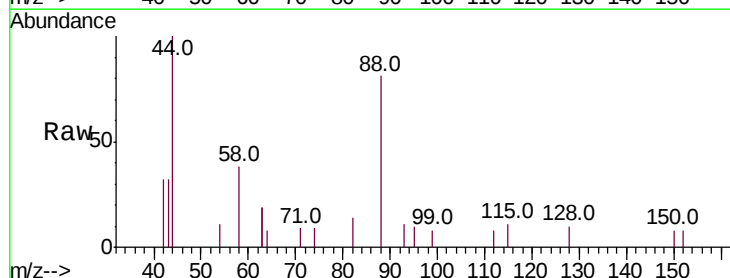
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



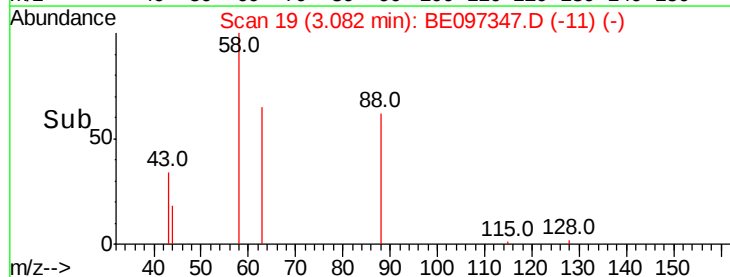
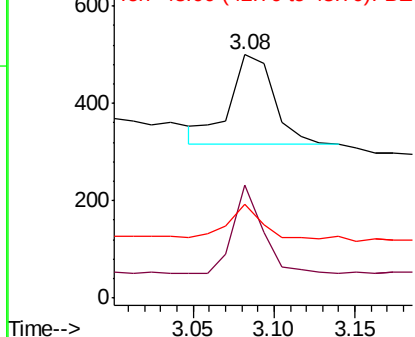
#2

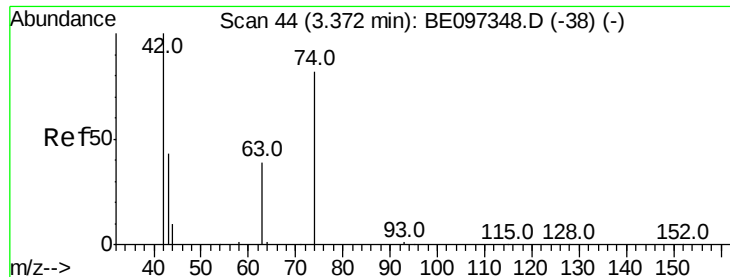
1,4-Dioxane
Concen: 0.270 ng
RT: 3.08 min Scan# 19
Delta R.T. -0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Tgt Ion: 88 Resp: 352
Ion Ratio Lower Upper
88 100
58 65.3 63.2 94.8
43 26.4 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



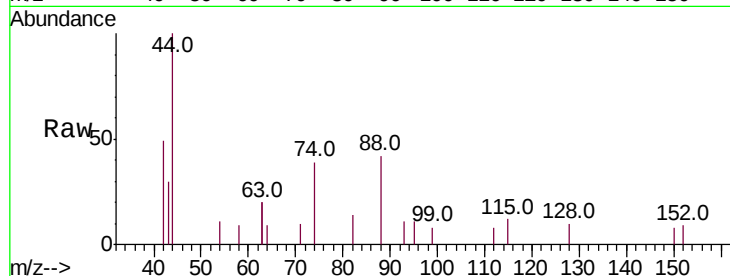


#3

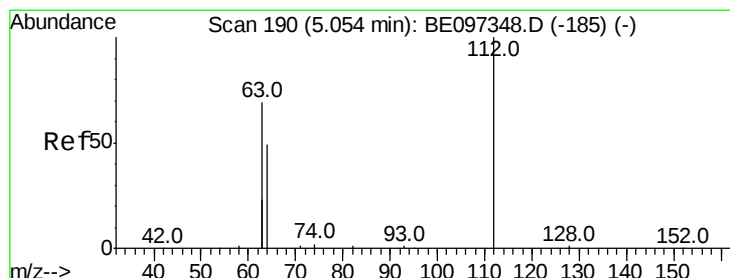
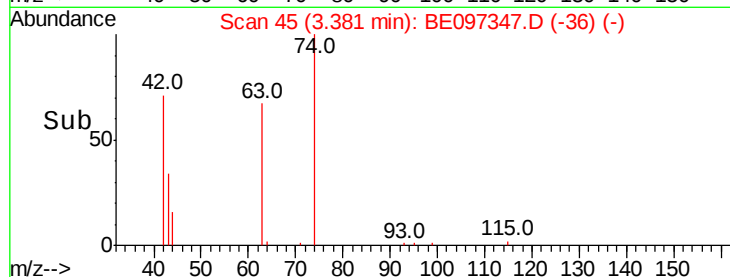
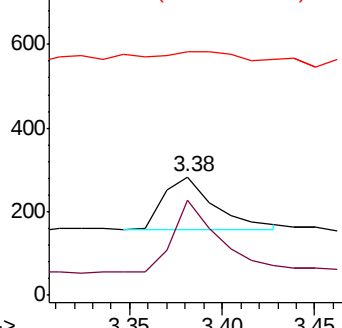
n-Nitrosodimethylamine
 Concen: 0.212 ng
 RT: 3.38 min Scan# 45
 Delta R.T. 0.01 min
 Lab File: BE097347.D
 Acq: 22 Aug 2018 14:47

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Tot Ion: 42 Resp: 241
 Ion Ratio Lower Upper
 42 100
 74 129.0 96.0 144.0
 44 19.1 12.0 18.0#



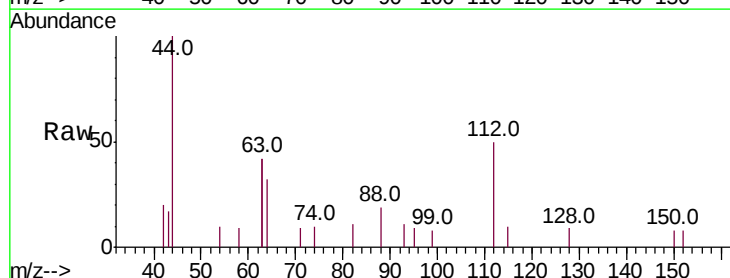
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



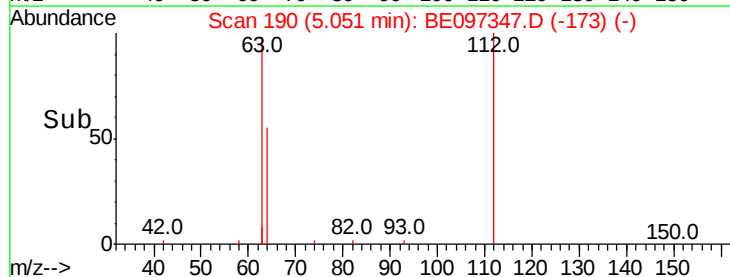
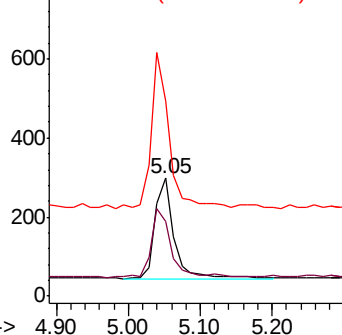
#4

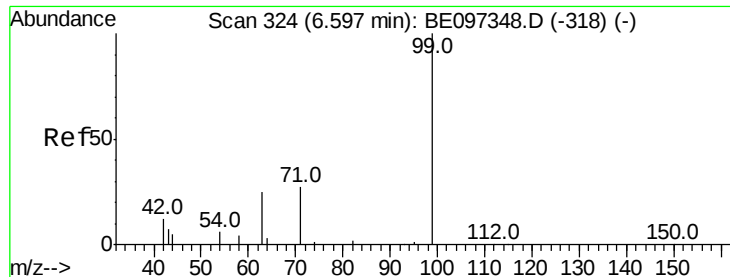
2-Fluorophenol
 Concen: 0.249 ng
 RT: 5.05 min Scan# 190
 Delta R.T. -0.00 min
 Lab File: BE097347.D
 Acq: 22 Aug 2018 14:47

Tgt Ion: 112 Resp: 468
 Ion Ratio Lower Upper
 112 100
 64 67.9 60.1 90.1
 63 148.9 116.8 175.2



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: 0.208 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

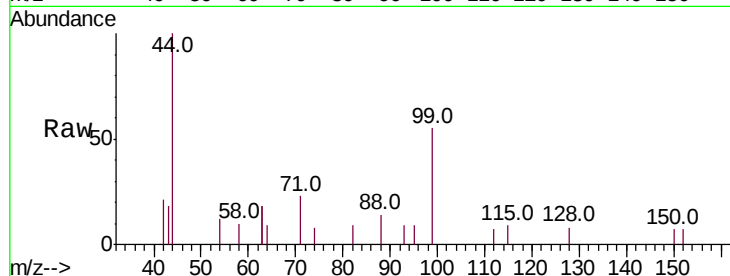
Tot Ion: 99 Resp: 579

Ion Ratio Lower Upper

99 100

42 19.9 20.2 30.2#

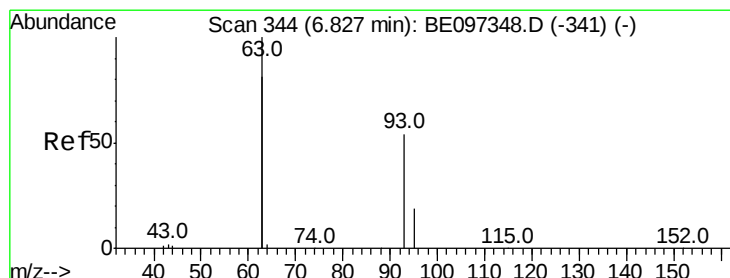
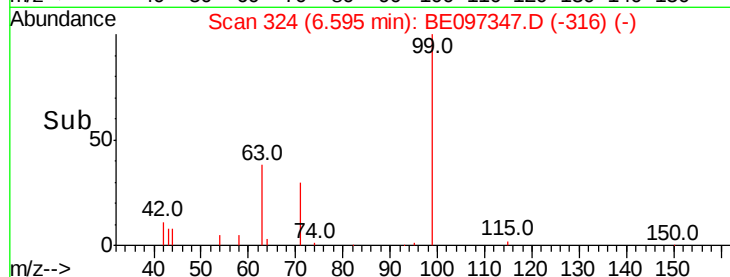
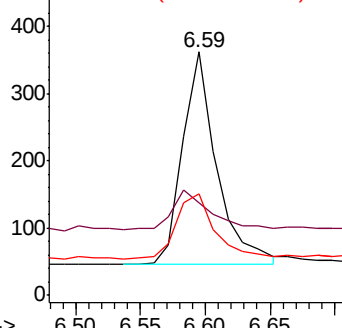
71 36.6 28.4 42.6



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: 0.207 ng

RT: 6.82 min Scan# 344

Delta R.T. -0.00 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

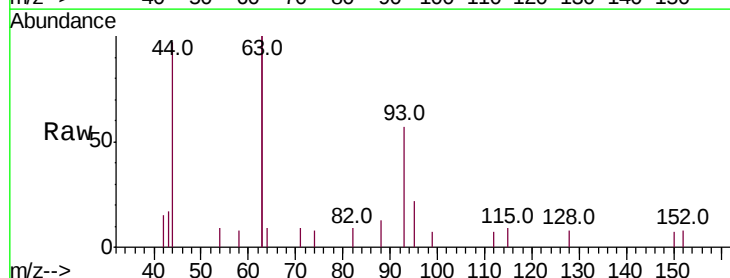
Tgt Ion: 93 Resp: 574

Ion Ratio Lower Upper

93 100

63 327.0 275.3 412.9

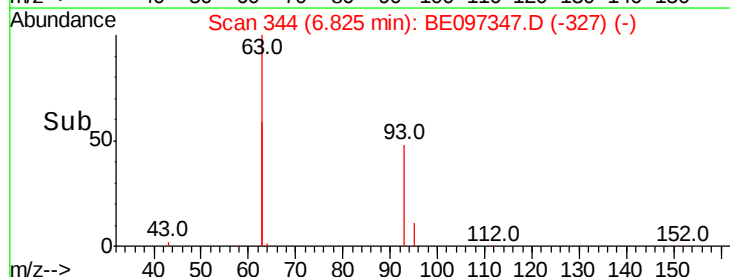
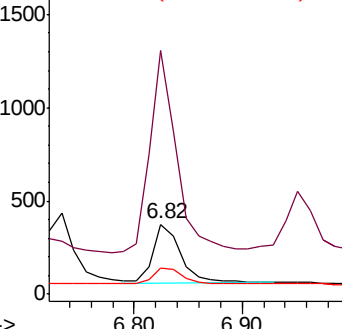
95 30.1 25.2 37.8

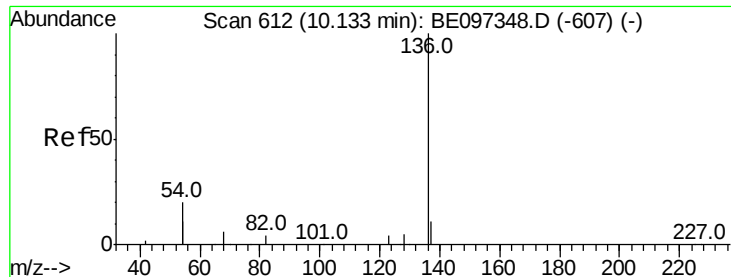


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097347.D

Acq: 22 Aug 2018 14:47

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 3779

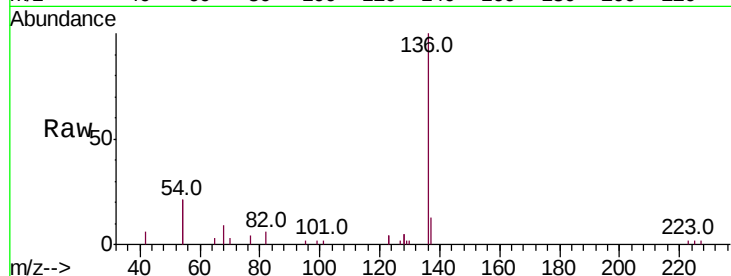
Ion Ratio Lower Upper

136 100

137 12.7 9.5 14.3

54 41.2 29.1 43.7

68 9.0 6.2 9.2

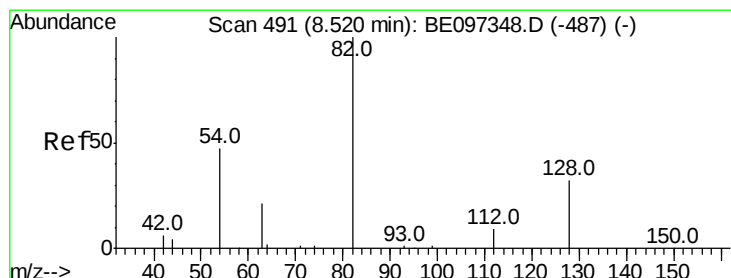
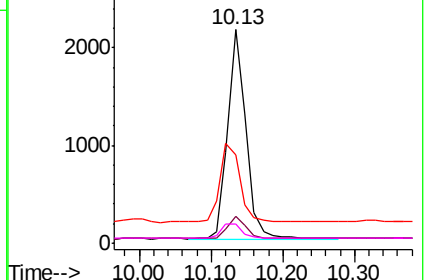
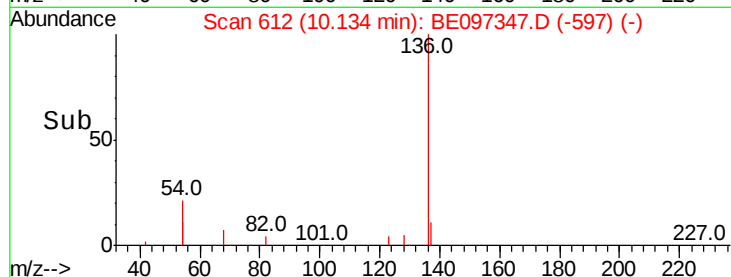


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.312 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

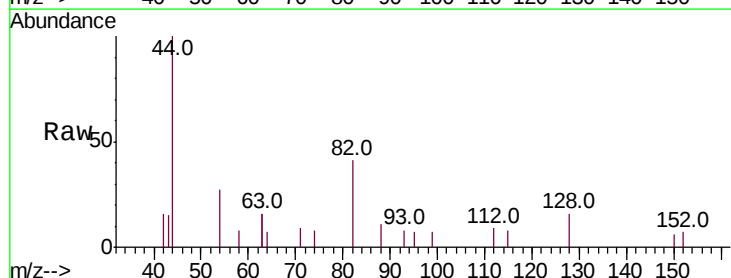
Tgt Ion: 82 Resp: 504

Ion Ratio Lower Upper

82 100

128 39.0 24.0 36.0#

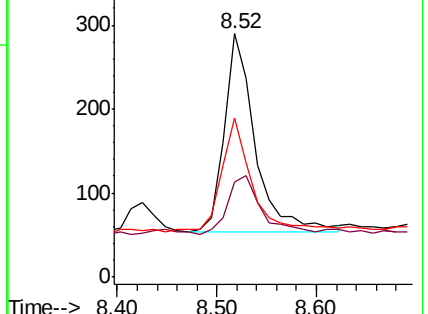
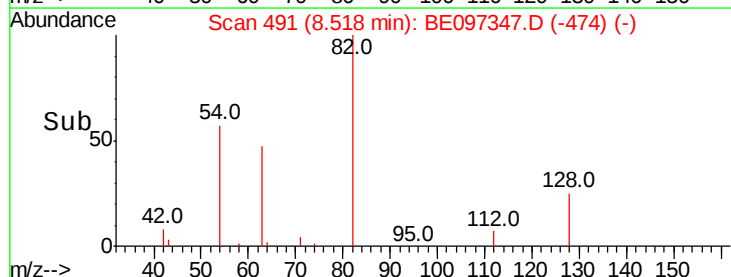
54 65.2 40.0 60.0#

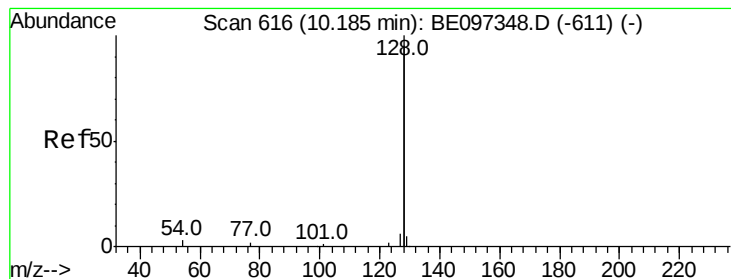


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.193 ng

RT: 10.19 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

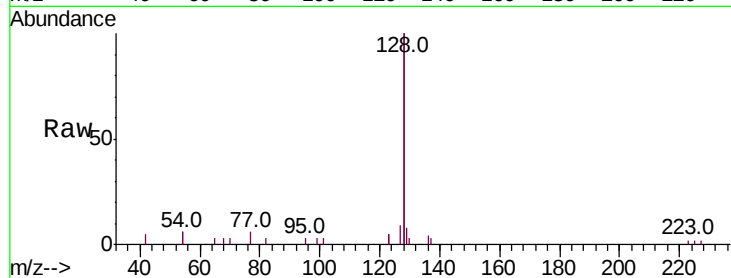
Tot Ion:128 Resp: 6675

Ion Ratio Lower Upper

128 100

129 3.8 2.6 3.8

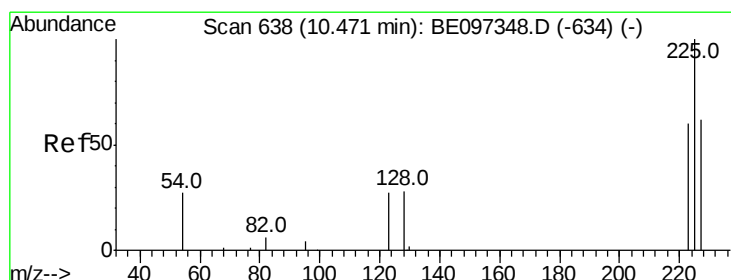
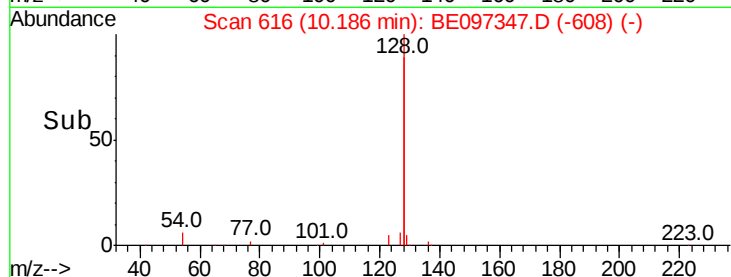
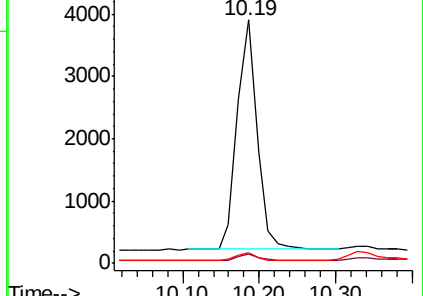
127 4.4 2.8 4.2#



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: 0.201 ng

RT: 10.47 min Scan# 638

Delta R.T. 0.00 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

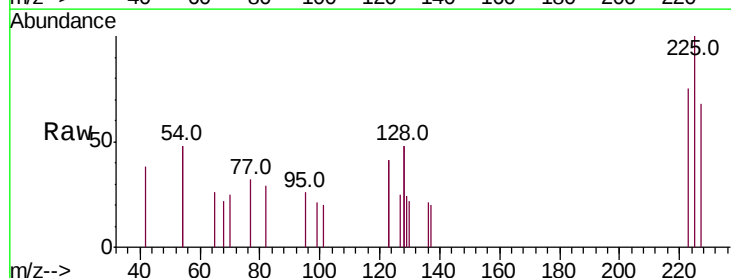
Tgt Ion:225 Resp: 307

Ion Ratio Lower Upper

225 100

223 66.1 53.0 79.6

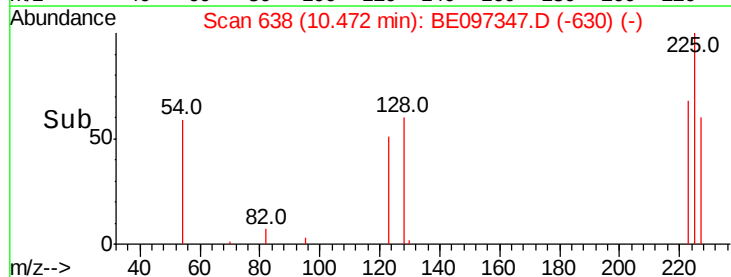
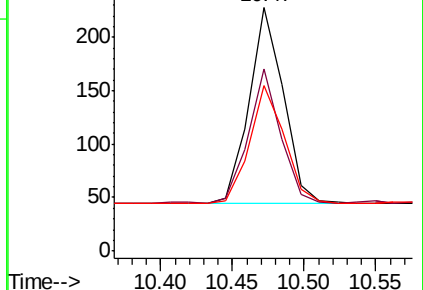
227 59.3 51.4 77.2

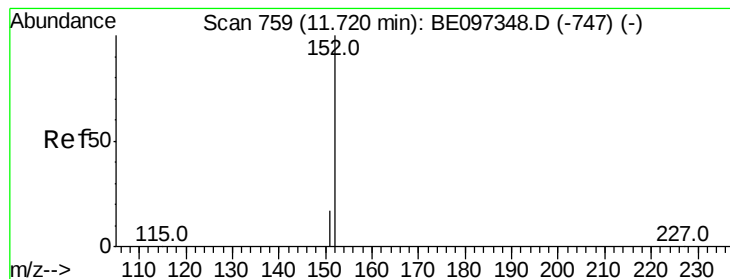


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.208 ng

RT: 11.73 min Scan# 760

Delta R.T. 0.01 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

Instrument :

BNA_E

ClientSampleId :

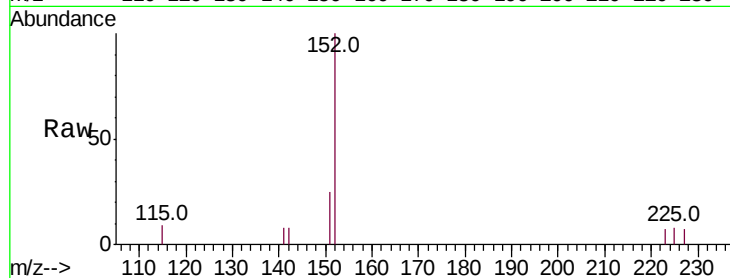
SSTDIC0.2

Tot Ion:152 Resp: 1061

Ion Ratio Lower Upper

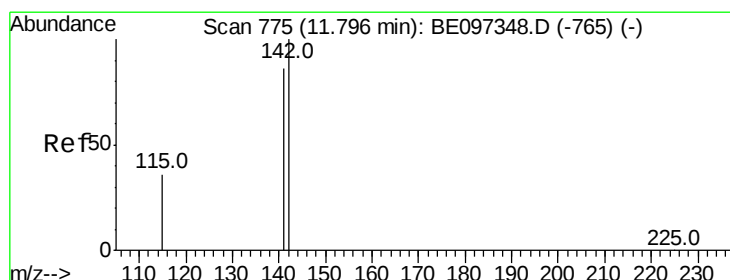
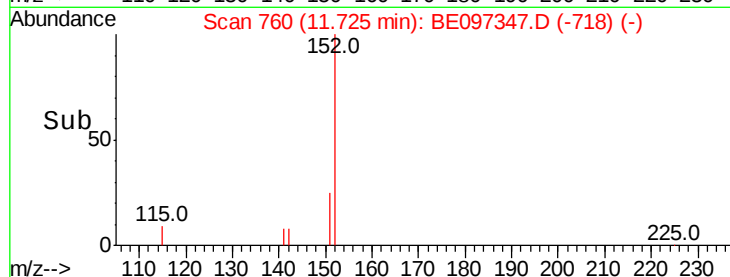
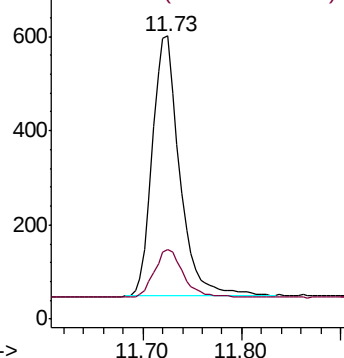
152 100

151 18.9 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: 0.200 ng

RT: 11.80 min Scan# 775

Delta R.T. 0.00 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

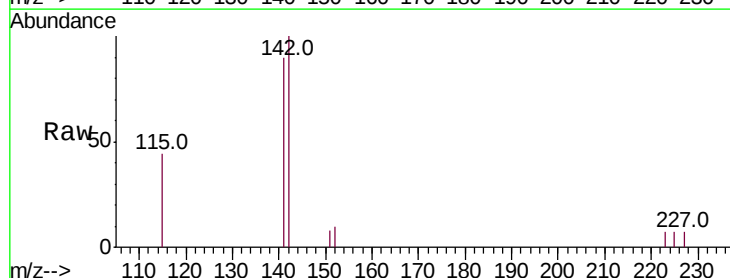
Tgt Ion:142 Resp: 1043

Ion Ratio Lower Upper

142 100

141 89.9 70.4 105.6

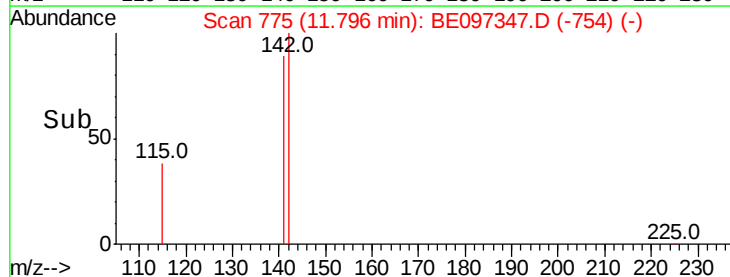
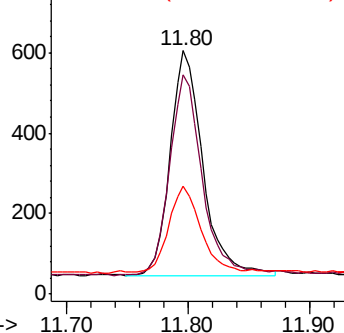
115 44.5 31.7 47.5

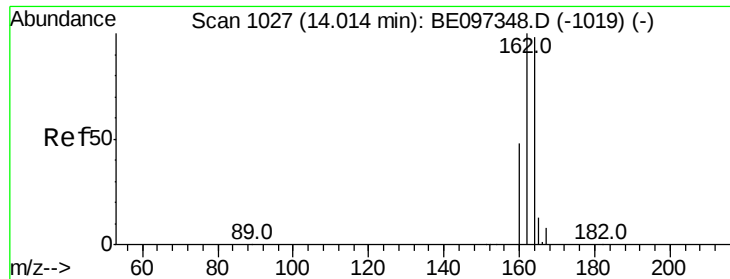


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE097347.D

Acq: 22 Aug 2018 14:47

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

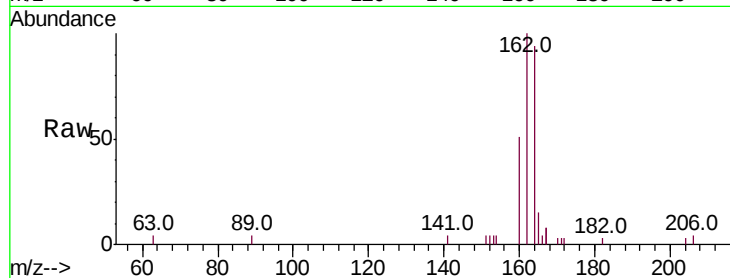
Tot Ion:164 Resp: 2065

Ion Ratio Lower Upper

164 100

162 106.7 83.1 124.7

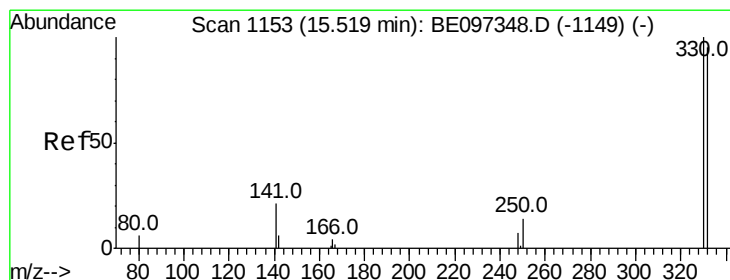
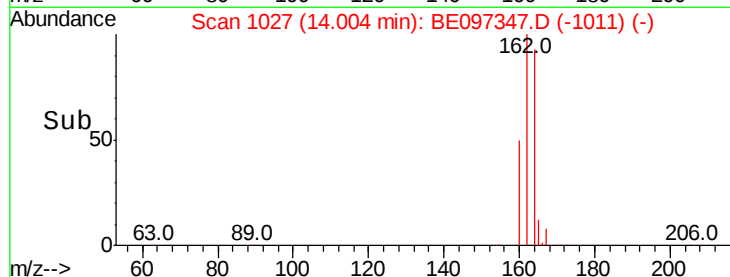
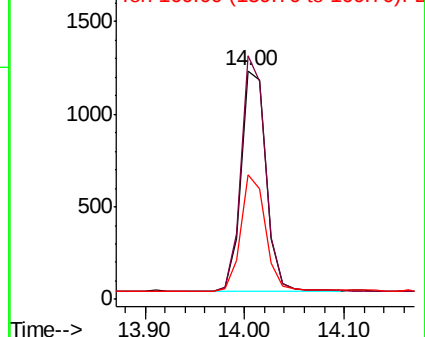
160 54.8 37.1 55.7



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: 0.356 ng

RT: 15.52 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

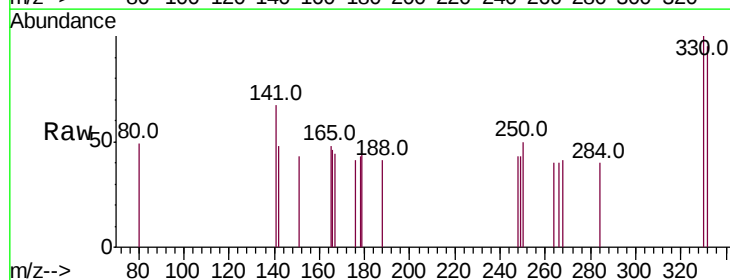
Tgt Ion:330 Resp: 121

Ion Ratio Lower Upper

330 100

332 93.4 152.7 229.1#

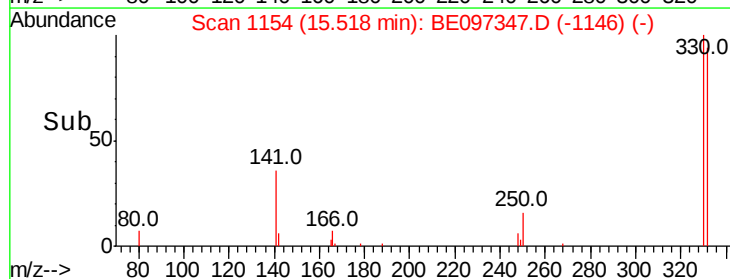
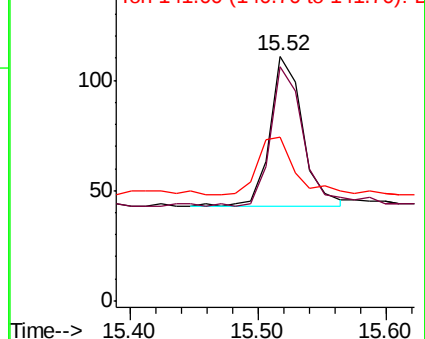
141 44.6 33.7 50.5

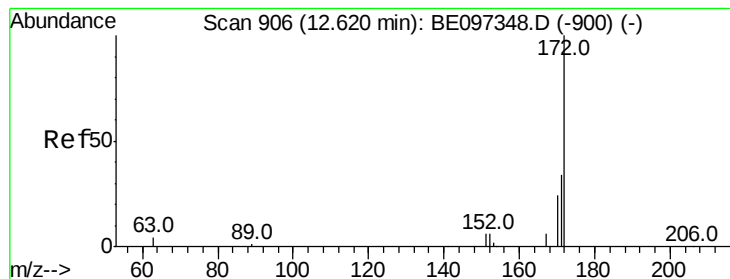


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.170 ng

RT: 12.62 min Scan# 907

Delta R.T. 0.00 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

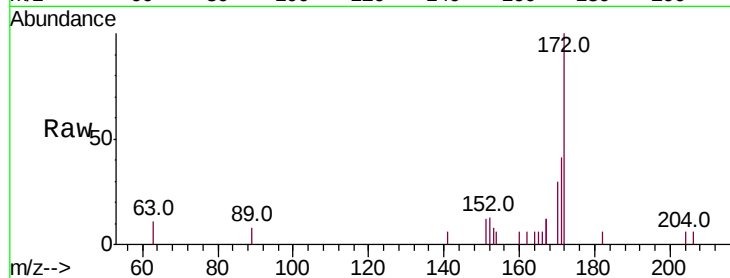
Tot Ion:172 Resp: 1436

Ion Ratio Lower Upper

172 100

171 40.6 29.9 44.9

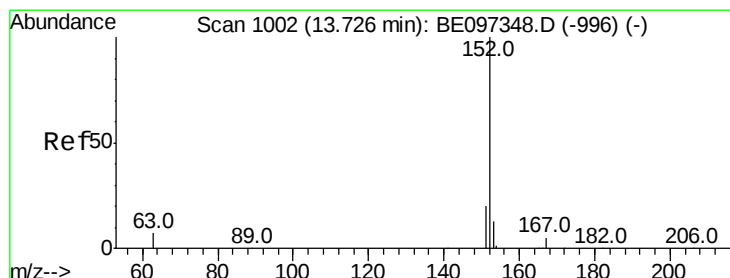
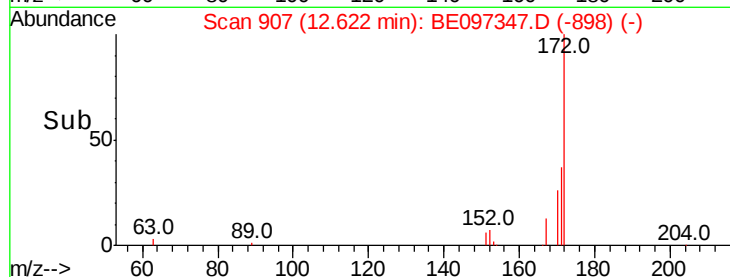
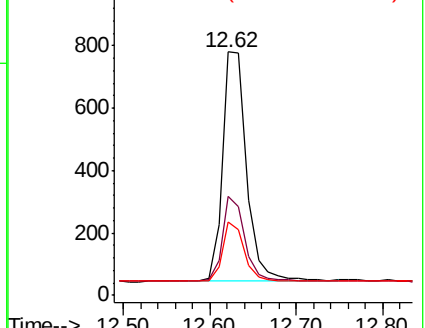
170 30.0 21.8 32.8



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: 0.193 ng

RT: 13.73 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

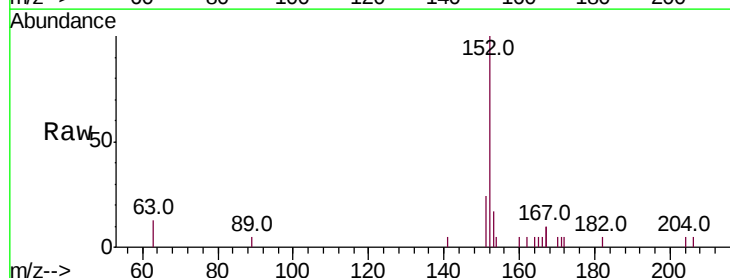
Tgt Ion:152 Resp: 1514

Ion Ratio Lower Upper

152 100

151 20.3 15.7 23.5

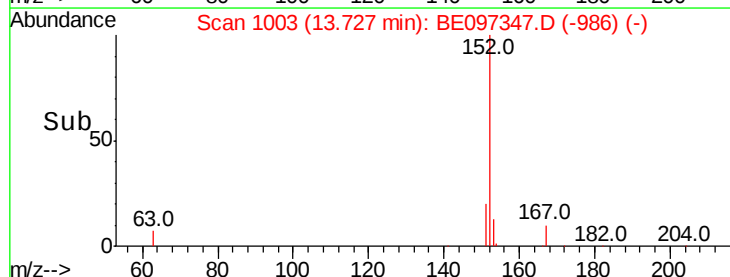
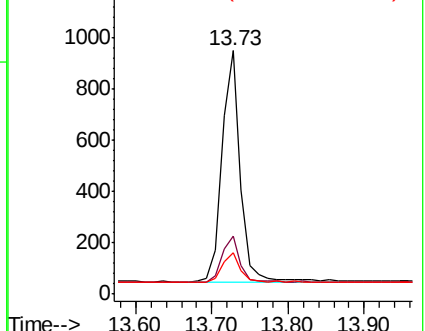
153 12.5 10.5 15.7

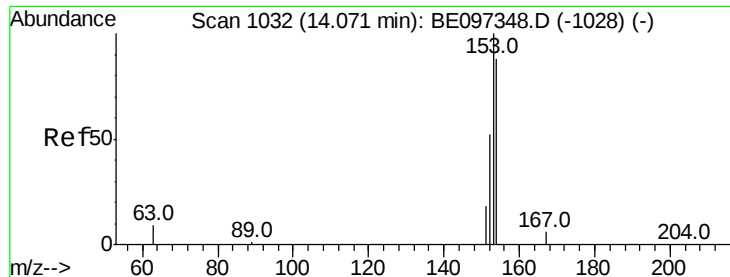


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.188 ng

RT: 14.07 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

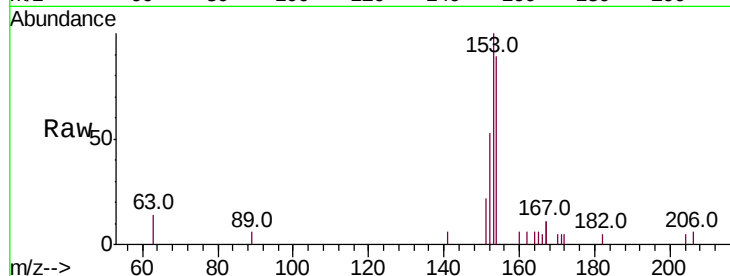
Tot Ion:154 Resp: 1042

Ion Ratio Lower Upper

154 100

153 114.6 89.2 133.8

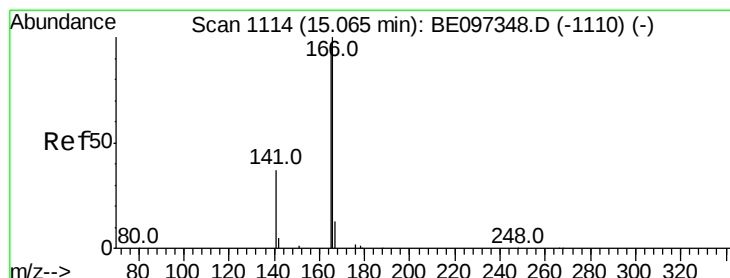
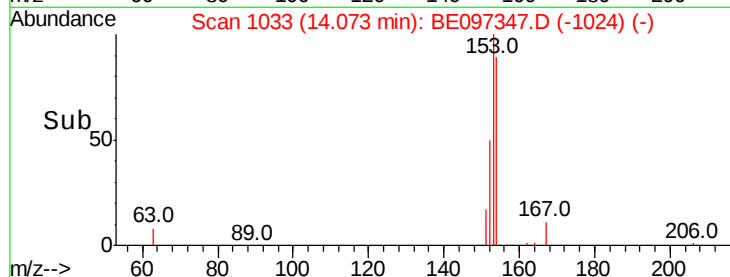
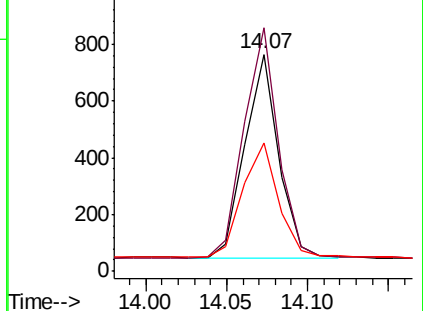
152 60.0 42.0 63.0



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: 0.194 ng

RT: 15.06 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

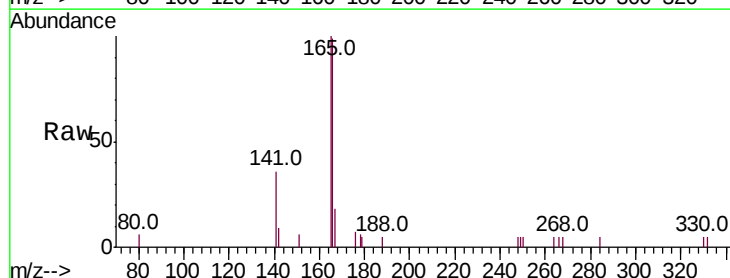
Tgt Ion:166 Resp: 1318

Ion Ratio Lower Upper

166 100

165 100.1 77.8 116.6

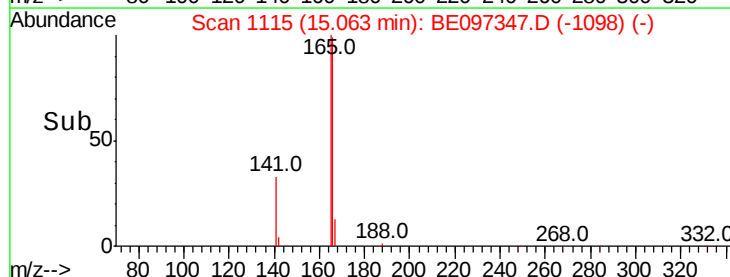
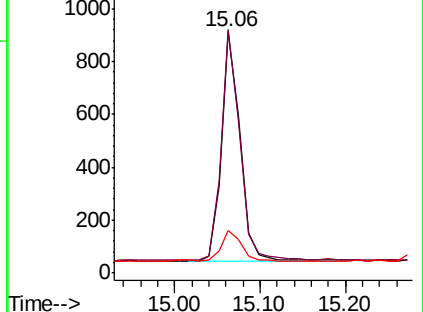
167 14.3 42.4 63.6#

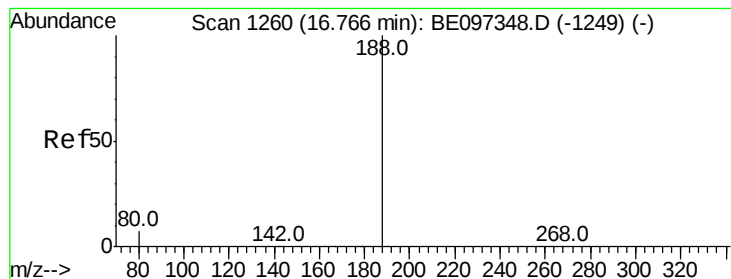


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.76 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

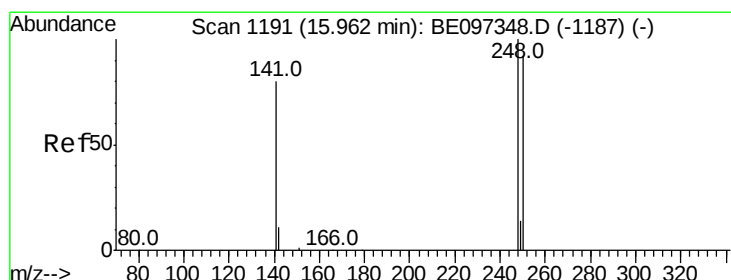
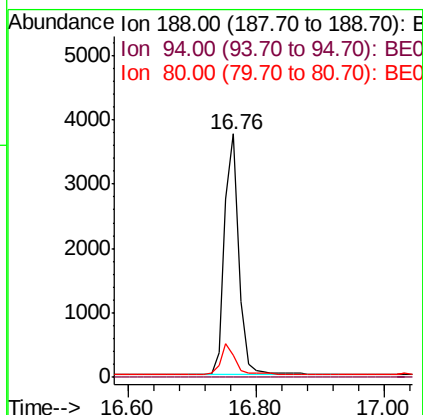
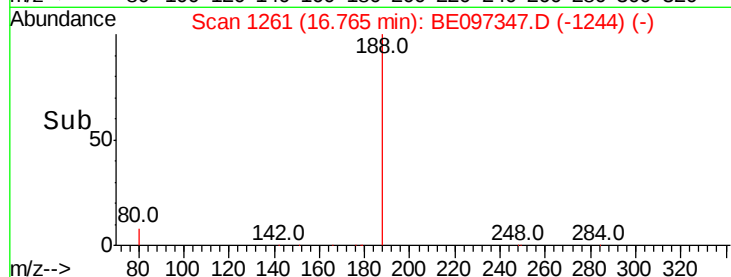
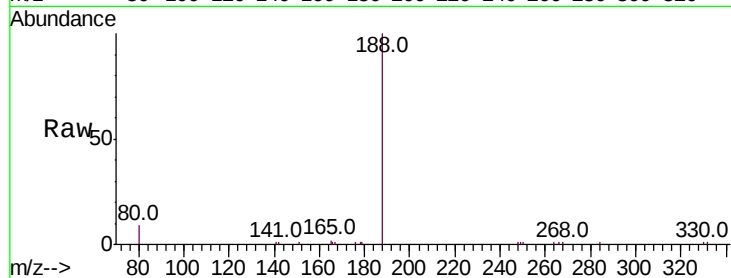
Tot Ion:188 Resp: 5810

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 9.0 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.188 ng

RT: 15.97 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

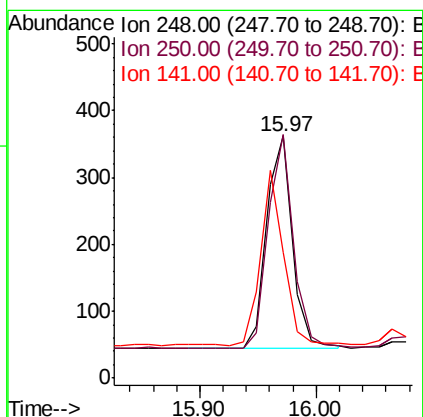
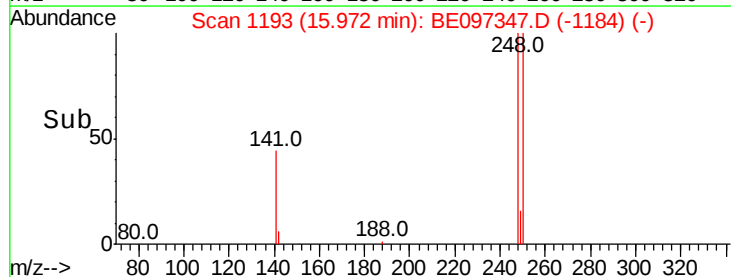
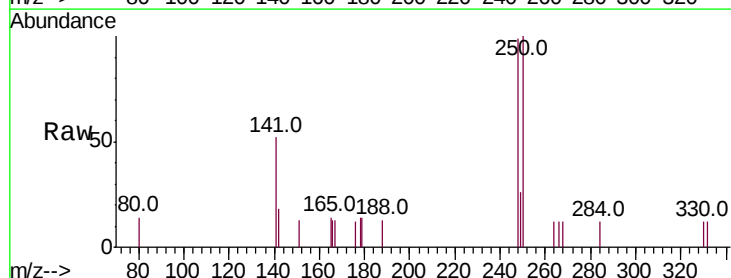
Tgt Ion:248 Resp: 492

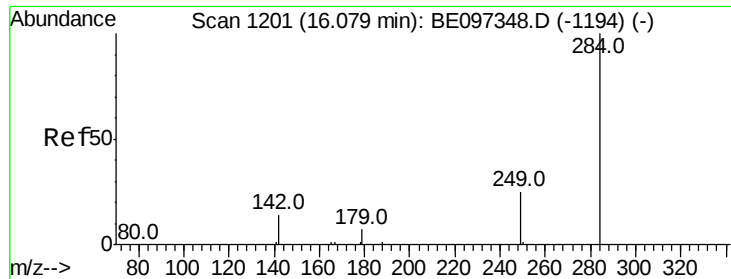
Ion Ratio Lower Upper

248 100

250 100.6 62.7 94.1#

141 52.2 48.2 72.2

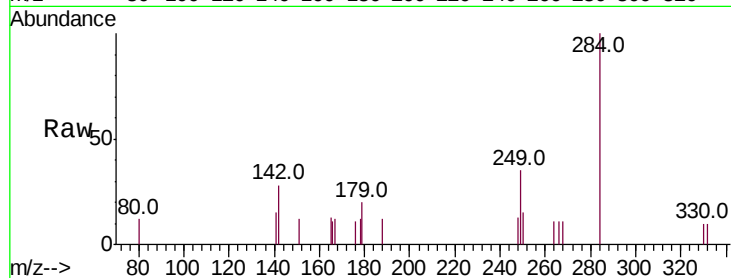




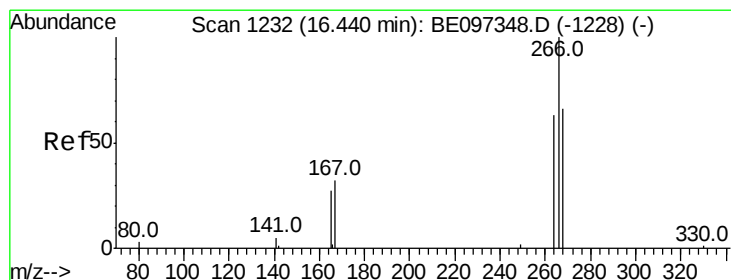
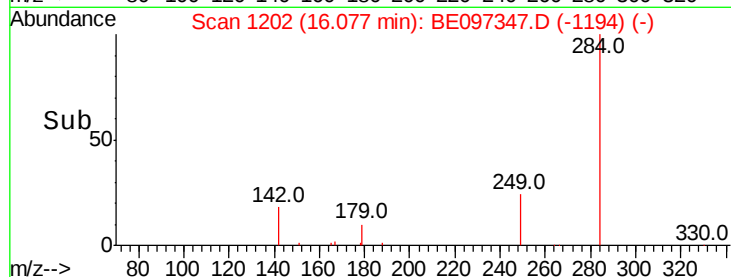
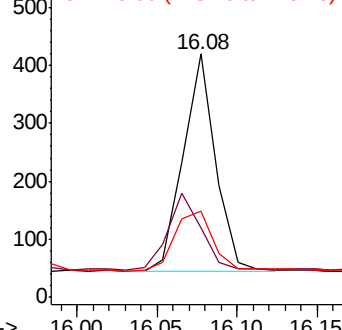
#21
Hexachlorobenzene
Concen: 0.149 ng
RT: 16.08 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:284 Resp: 524
Ion Ratio Lower Upper
284 100
142 36.1 22.1 33.1#
249 33.6 34.8 52.2#

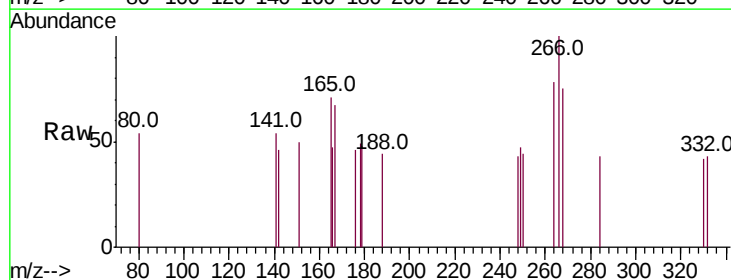


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

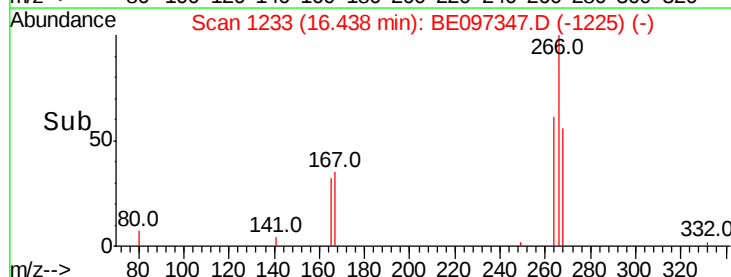
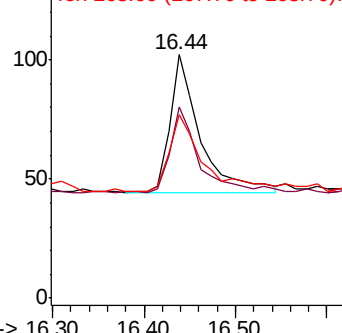


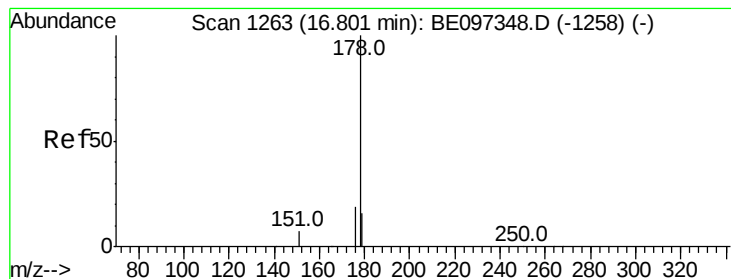
#22
Pentachlorophenol
Concen: 0.394 ng
RT: 16.44 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BE097347.D
Acq: 22 Aug 2018 14:47

Tgt Ion:266 Resp: 136
Ion Ratio Lower Upper
266 100
264 78.4 72.5 108.7
268 75.5 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: 0.187 ng

RT: 16.80 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

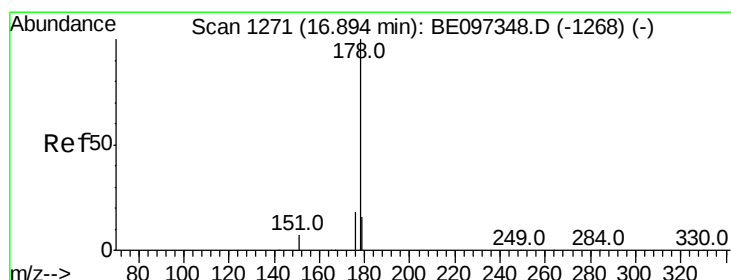
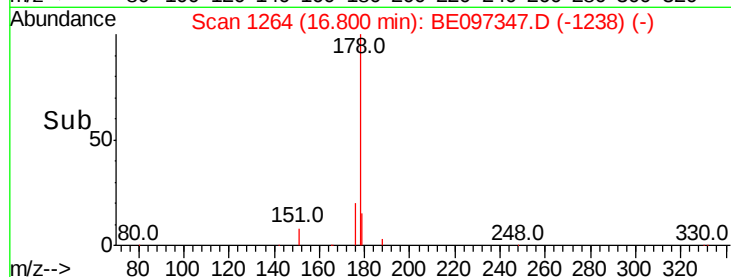
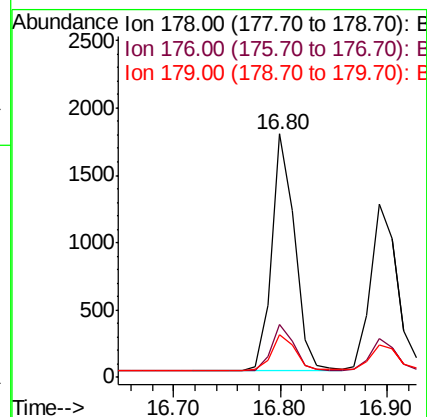
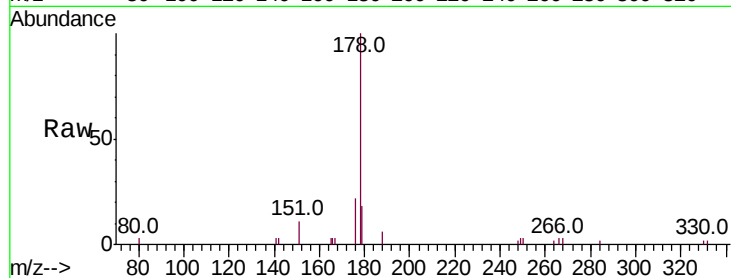
Tot Ion:178 Resp: 2657

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

179 15.7 11.8 17.6



#24

Anthracene

Concen: 0.203 ng

RT: 16.89 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

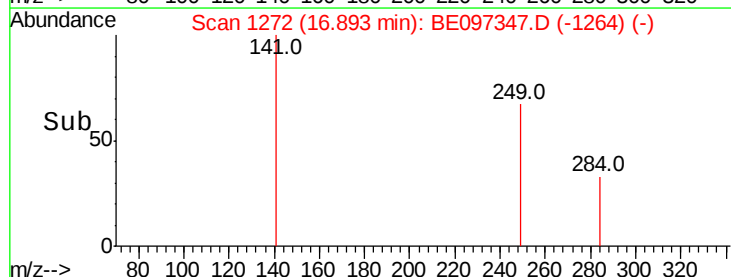
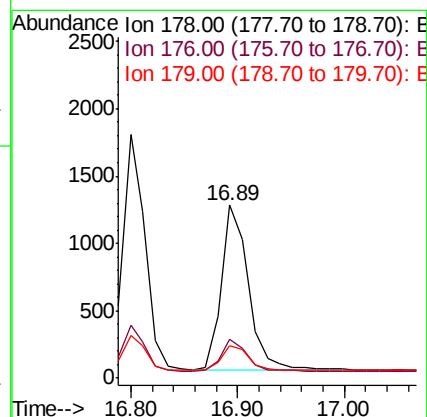
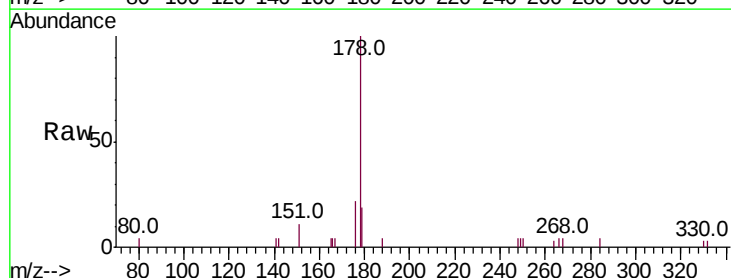
Tgt Ion:178 Resp: 2129

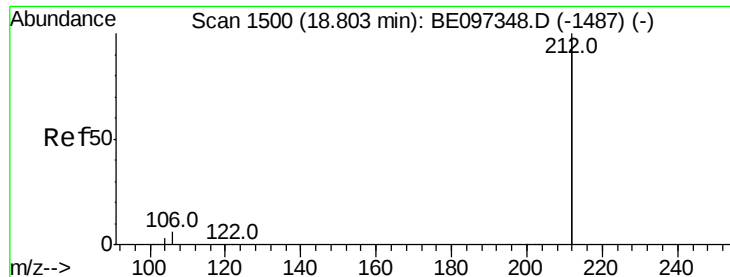
Ion Ratio Lower Upper

178 100

176 18.6 12.8 19.2

179 15.5 13.0 19.6





#25

Fluoranthene-d10

Concen: 0.258 ng

RT: 18.80 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

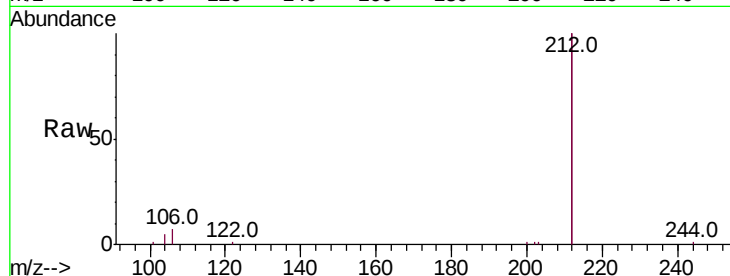
Tot Ion:212 Resp: 13375

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

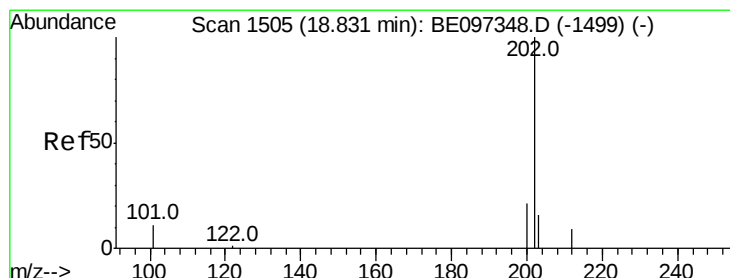
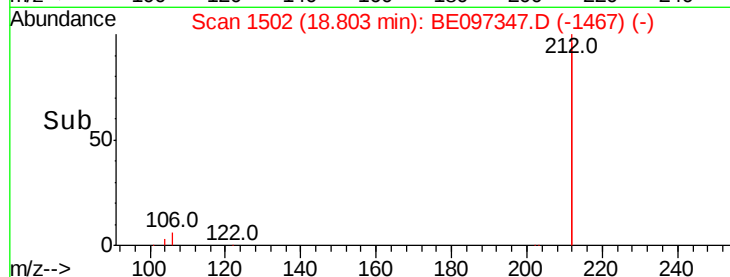
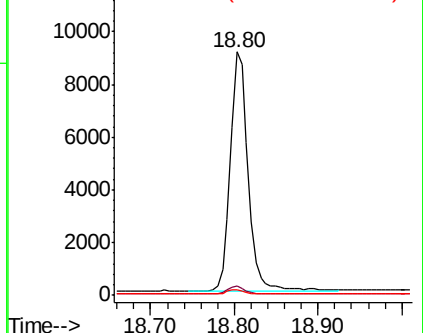
104 1.7 1.6 2.4



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: 0.237 ng

RT: 18.84 min Scan# 1508

Delta R.T. 0.01 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

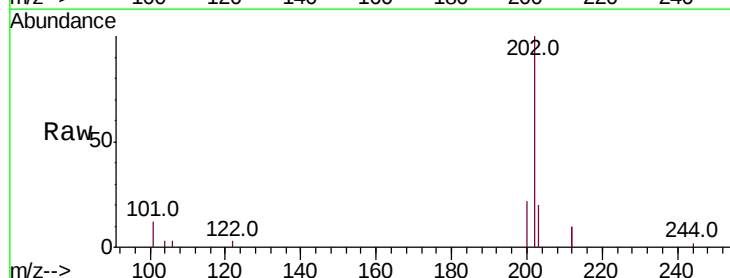
Tgt Ion:202 Resp: 3236

Ion Ratio Lower Upper

202 100

101 11.6 9.8 14.8

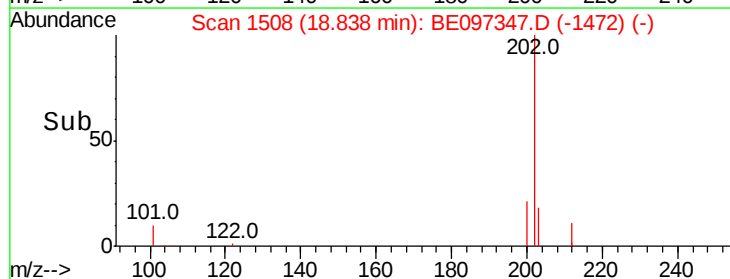
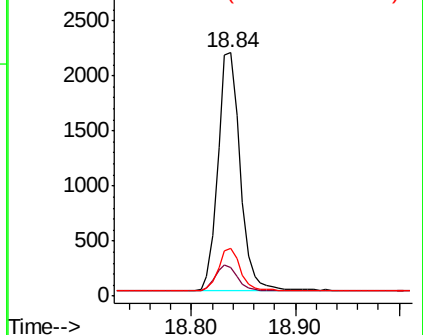
203 17.3 13.7 20.5

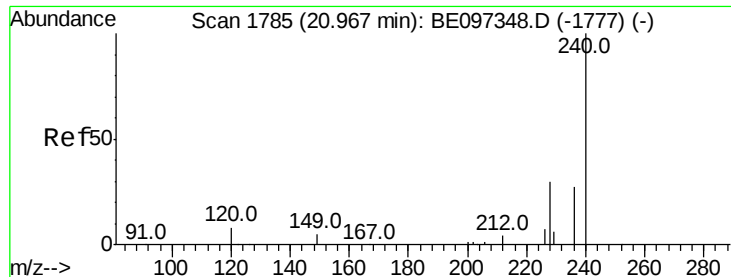


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE097347.D

Acq: 22 Aug 2018 14:47

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

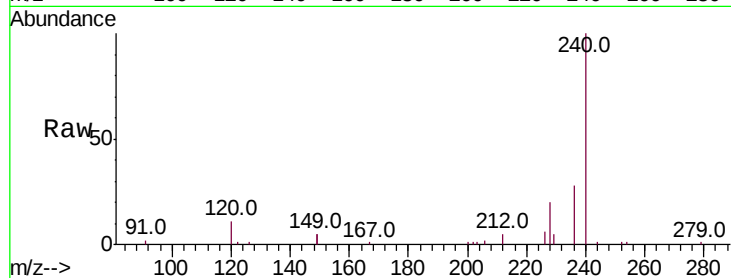
Tot Ion:240 Resp: 7482

Ion Ratio Lower Upper

240 100

120 10.6 5.5 8.3#

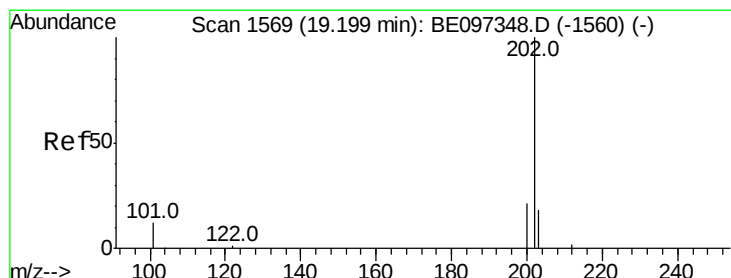
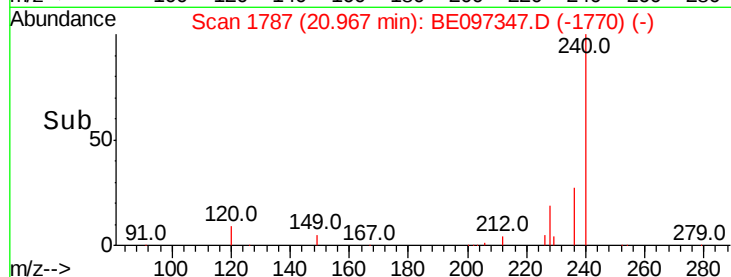
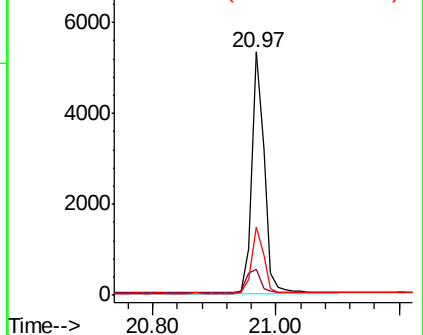
236 28.0 20.7 31.1



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: 0.171 ng

RT: 19.20 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

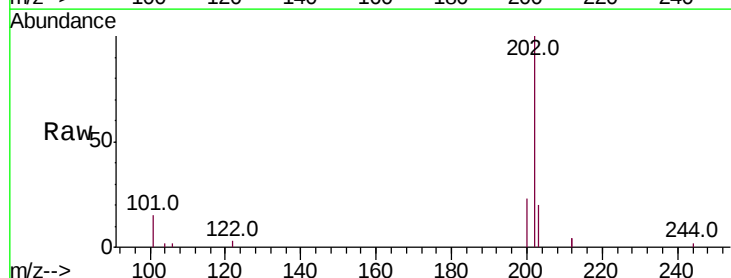
Tgt Ion:202 Resp: 3431

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

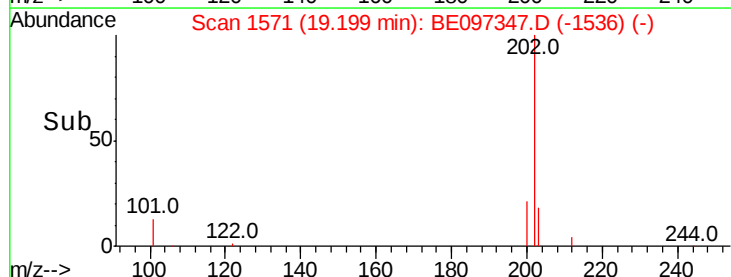
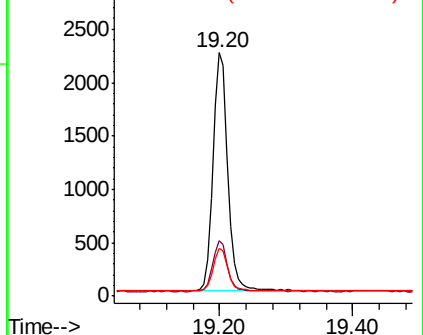
203 17.8 13.8 20.8

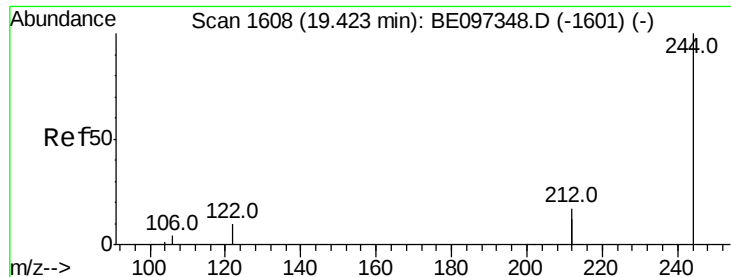


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.175 ng

RT: 19.42 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

Instrument :

BNA_E

ClientSampled :

SSTDIC0.2

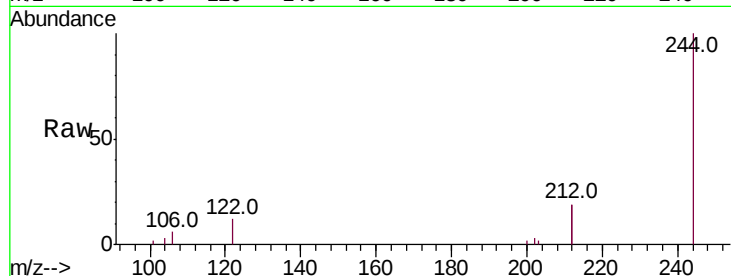
Tot Ion:244 Resp: 2616

Ion Ratio Lower Upper

244 100

212 37.1 25.4 38.0

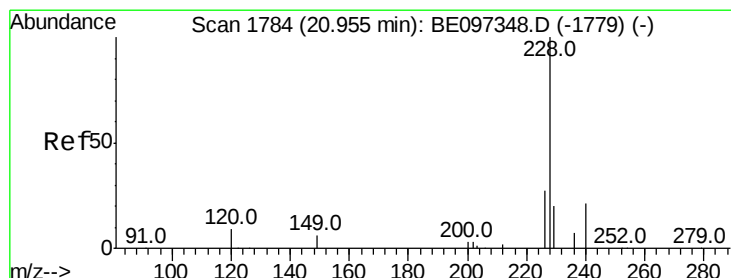
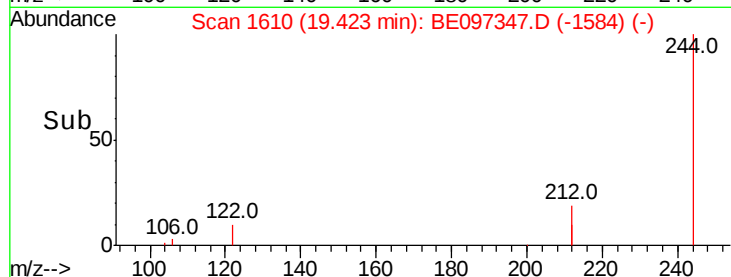
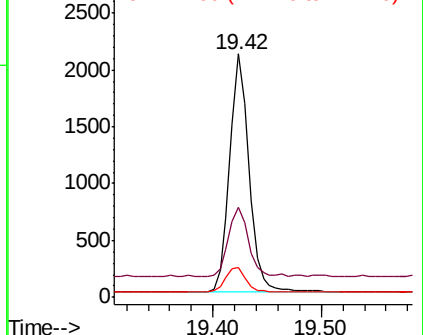
122 12.1 8.1 12.1



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: 0.219 ng

RT: 20.96 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

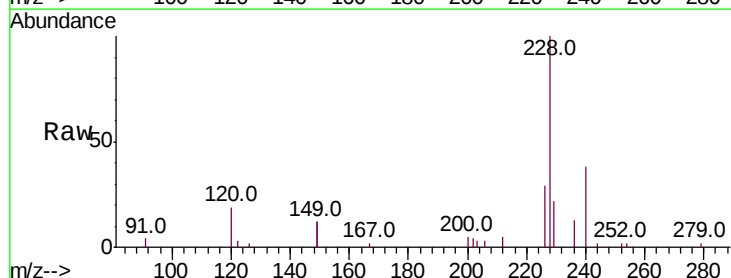
Tgt Ion:228 Resp: 3521

Ion Ratio Lower Upper

228 100

226 28.7 24.0 36.0

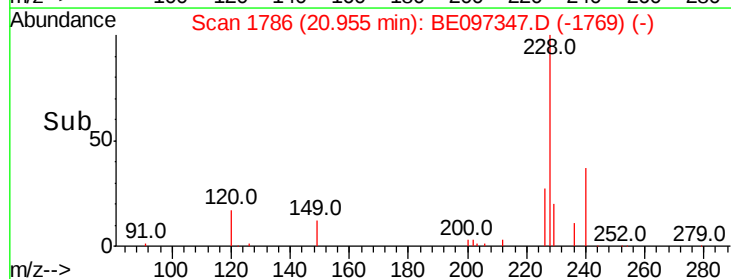
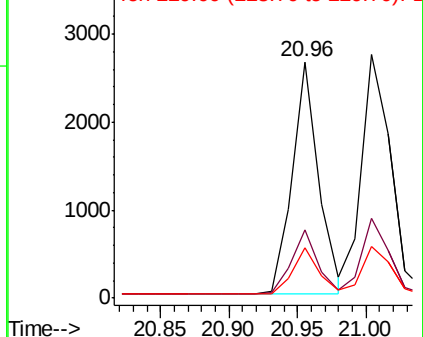
229 21.5 16.0 24.0

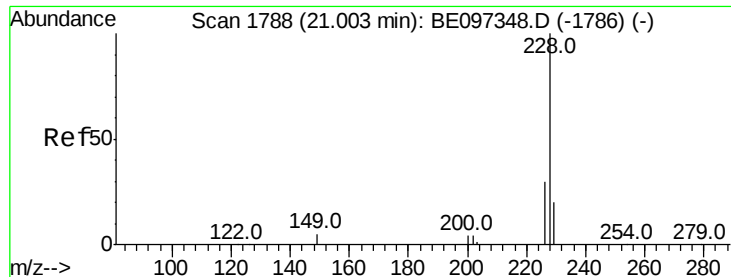


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.188 ng

RT: 21.00 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

Instrument :

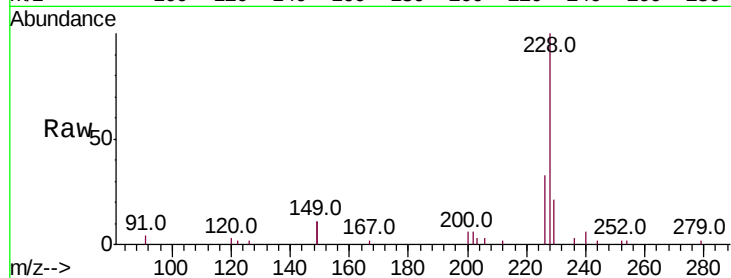
BNA_E

ClientSampleId :

SSTDIC0.2

Tot Ion:228 Resp: 3967

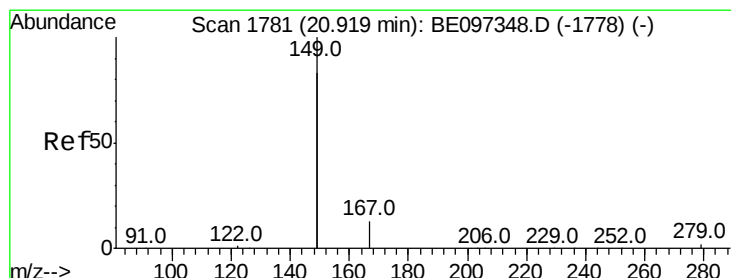
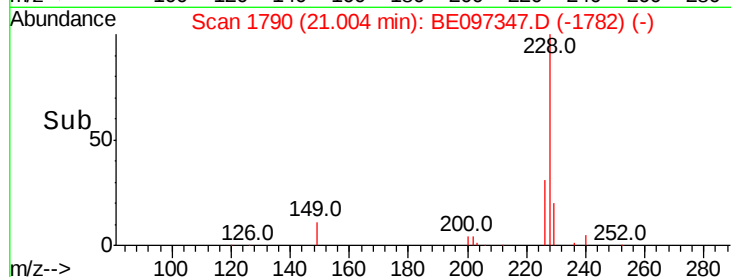
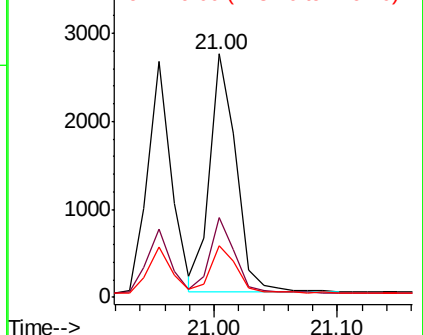
Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.0	36.0
229	21.3	16.0	24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.514 ng

RT: 20.92 min Scan# 1783

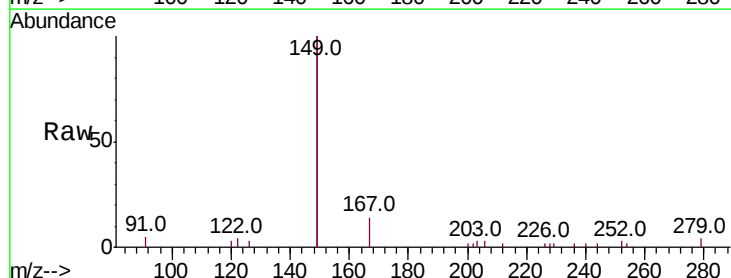
Delta R.T. 0.00 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

Tgt Ion:149 Resp: 5036

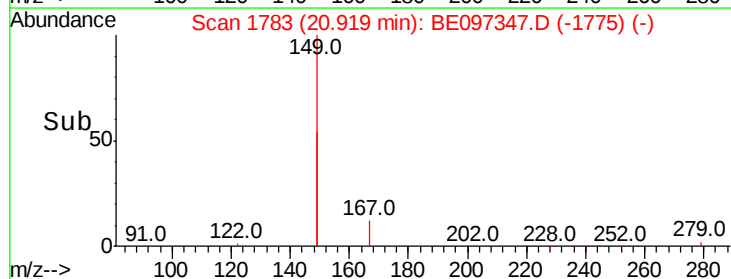
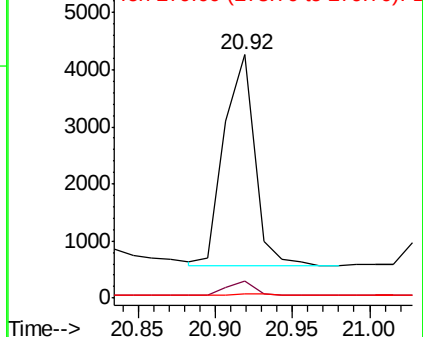
Ion	Ratio	Lower	Upper
149	100		
167	6.1	5.4	8.0
279	1.1	0.7	1.1#

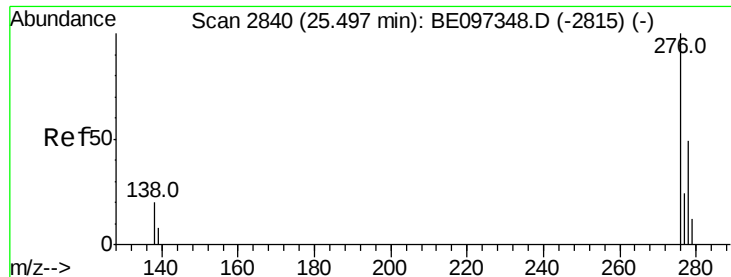


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.457 ng

RT: 25.50 min Scan# 2843

Delta R.T. 0.00 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

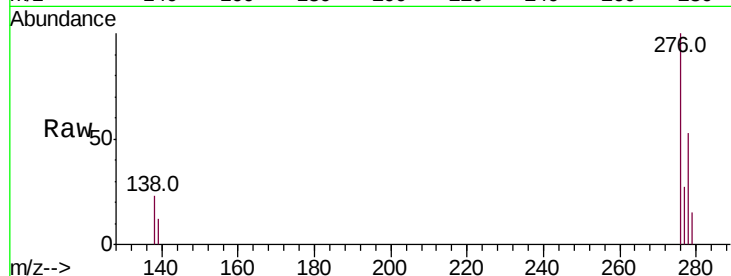
Tot Ion:276 Resp: 6121

Ion Ratio Lower Upper

276 100

138 21.3 22.5 33.7#

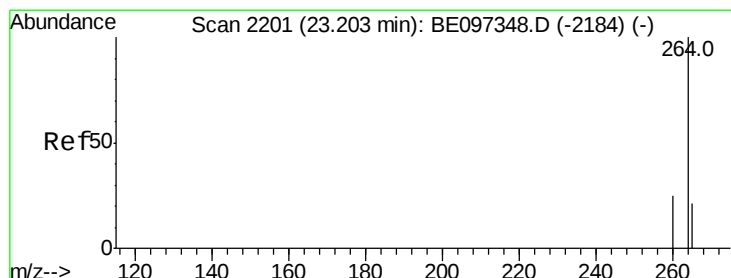
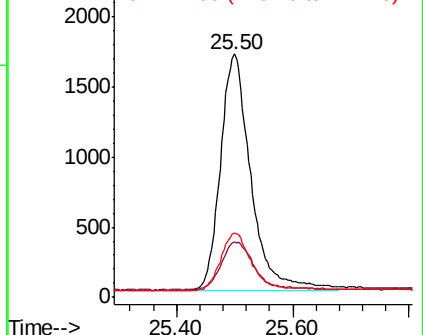
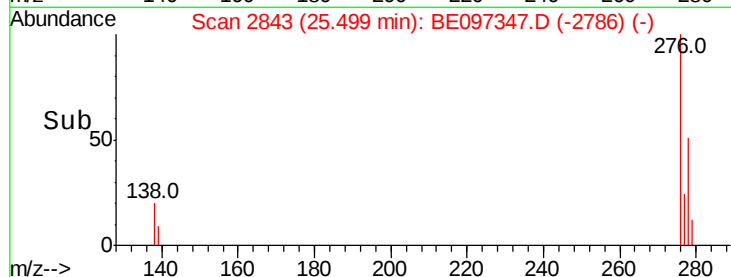
277 24.1 19.9 29.9



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# 2205

Delta R.T. 0.01 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

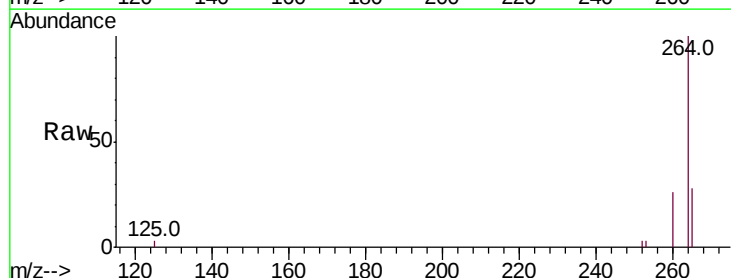
Tgt Ion:264 Resp: 7476

Ion Ratio Lower Upper

264 100

260 26.1 20.5 30.7

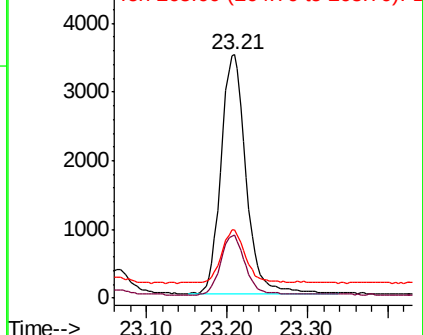
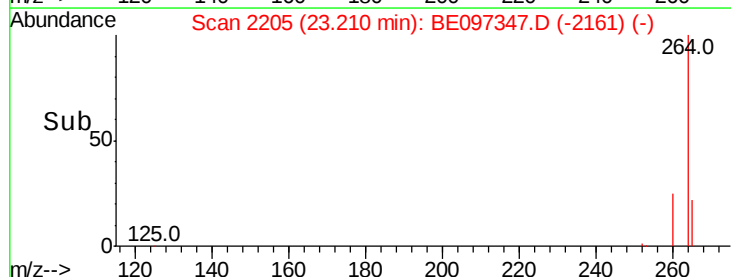
265 27.8 22.8 34.2

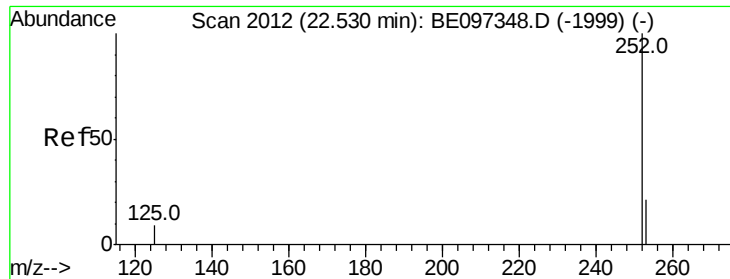


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.202 ng

RT: 22.53 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

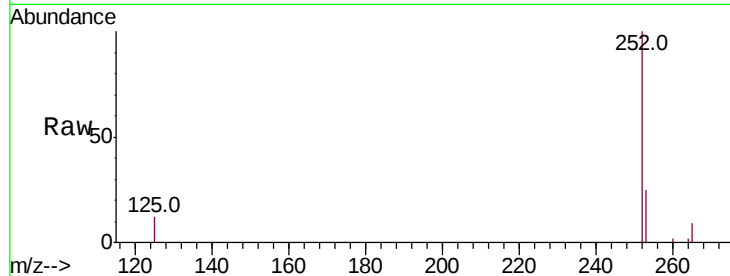
Tot Ion:252 Resp: 3978

Ion Ratio Lower Upper

252 100

253 24.7 20.0 30.0

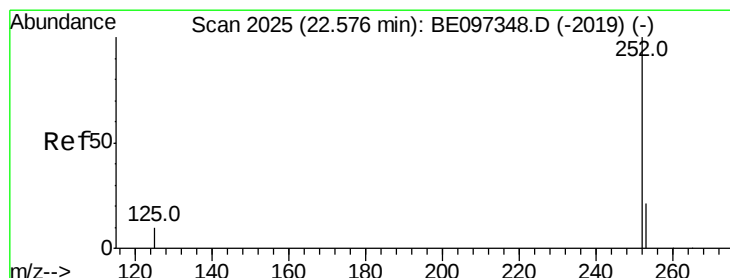
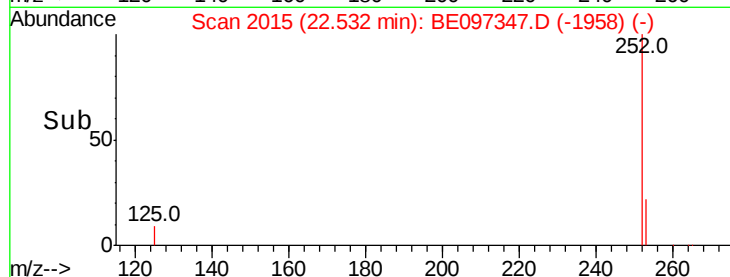
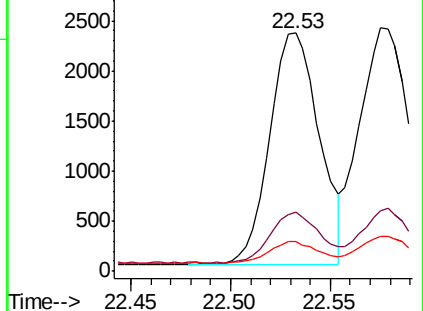
125 12.3 16.0 24.0#



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: 0.163 ng

RT: 22.58 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

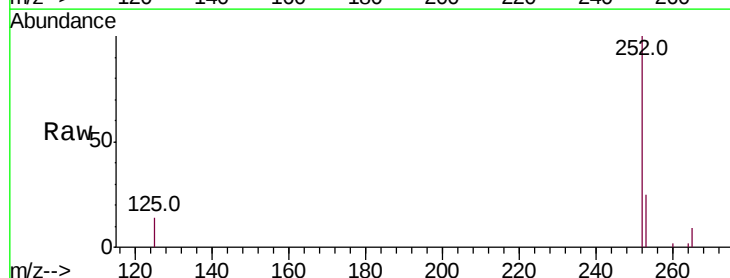
Tgt Ion:252 Resp: 4501

Ion Ratio Lower Upper

252 100

253 25.1 16.0 24.0#

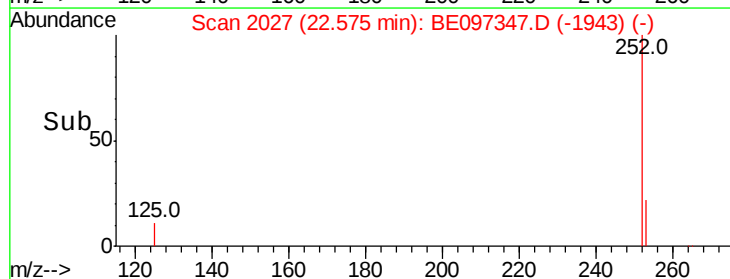
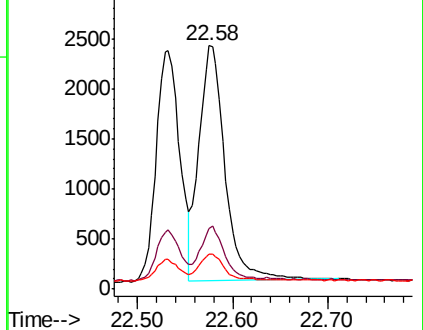
125 14.2 8.0 12.0#

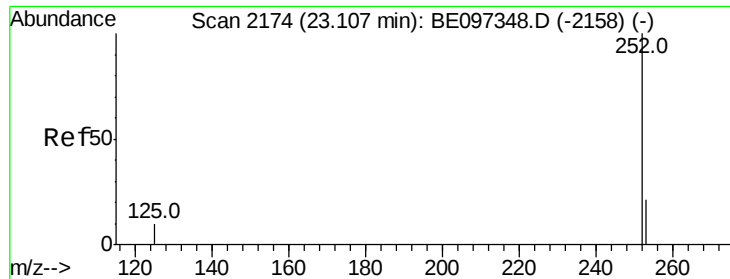


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.201 ng

RT: 23.11 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

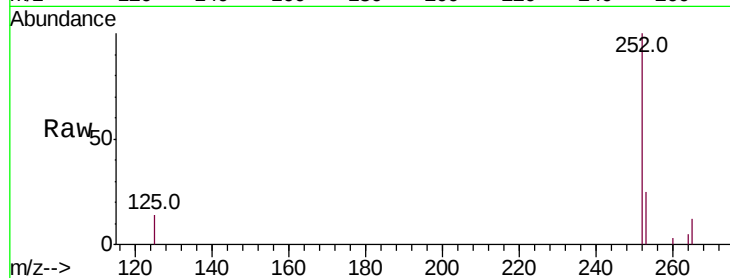
Tot Ion:252 Resp: 3604

Ion Ratio Lower Upper

252 100

253 25.4 16.0 24.0#

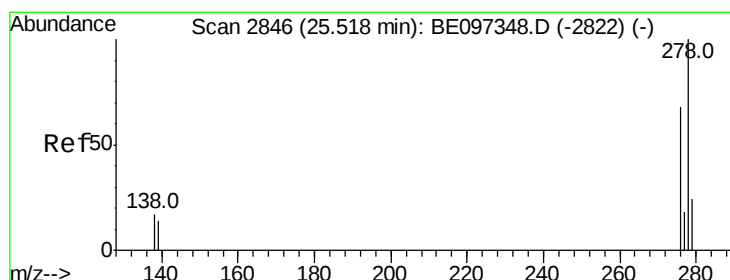
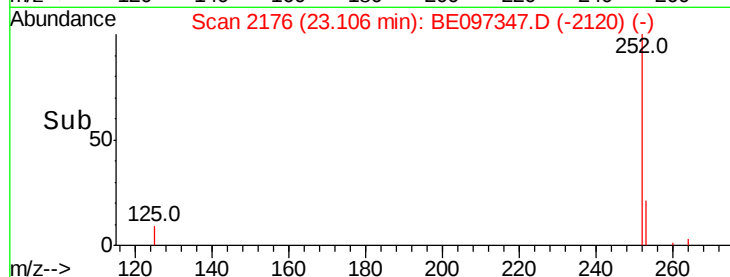
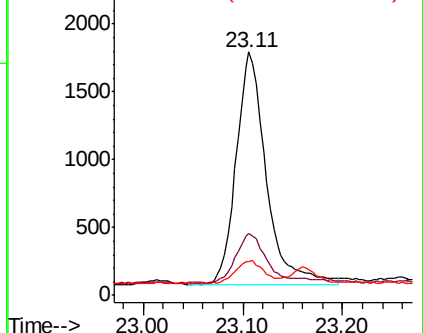
125 13.9 12.0 18.0



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: 0.333 ng

RT: 25.52 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

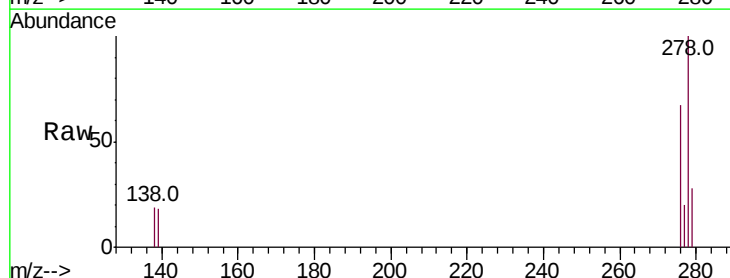
Tgt Ion:278 Resp: 5116

Ion Ratio Lower Upper

278 100

139 17.8 16.0 24.0

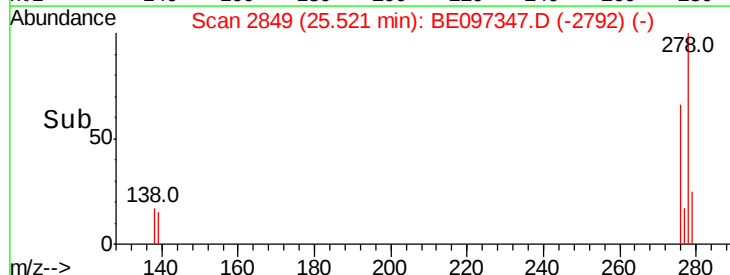
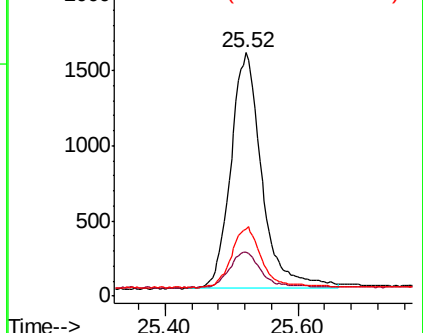
279 27.6 20.0 30.0

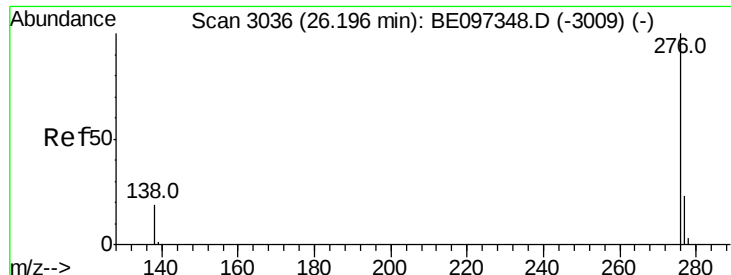


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.350 ng

RT: 26.20 min Scan# 3039

Delta R.T. 0.00 min

Lab File: BE097347.D

Acq: 22 Aug 2018 14:47

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

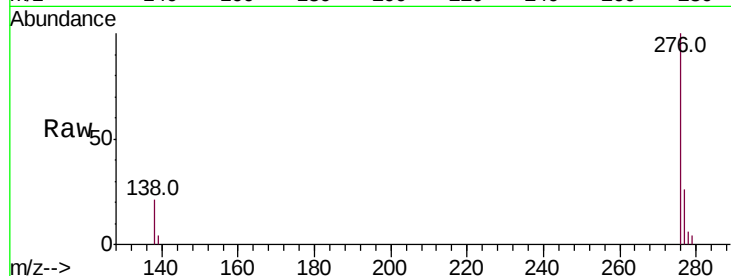
Tot Ion:276 Resp: 5407

Ion Ratio Lower Upper

276 100

277 25.6 16.0 24.0#

138 21.2 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

