

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100318\
 Data File : BE097707.D
 Acq On : 3 Oct 2018 9:04
 Operator : SJ/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Oct 03 11:31:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 03 11:25:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	5120	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	21042	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	11819	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	32037	0.40	ng	0.00
27) Chrysene-d12	21.49	240	40597	0.40	ng	0.00
34) Perylene-d12	24.04	264	38961	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	2582	0.20	ng	0.00
5) Phenol-d6	7.05	99	3720	0.21	ng	0.00
8) Nitrobenzene-d5	9.04	82	1396	0.09	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	6934	0.21	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	510	0.11	ng	0.00
15) 2-Fluorobiphenyl	13.19	172	11737	0.24	ng	0.00
25) Fluoranthene-d10	19.33	212	80654	0.21	ng	0.00
29) Terphenyl-d14	19.94	244	17489	0.20	ng	0.00

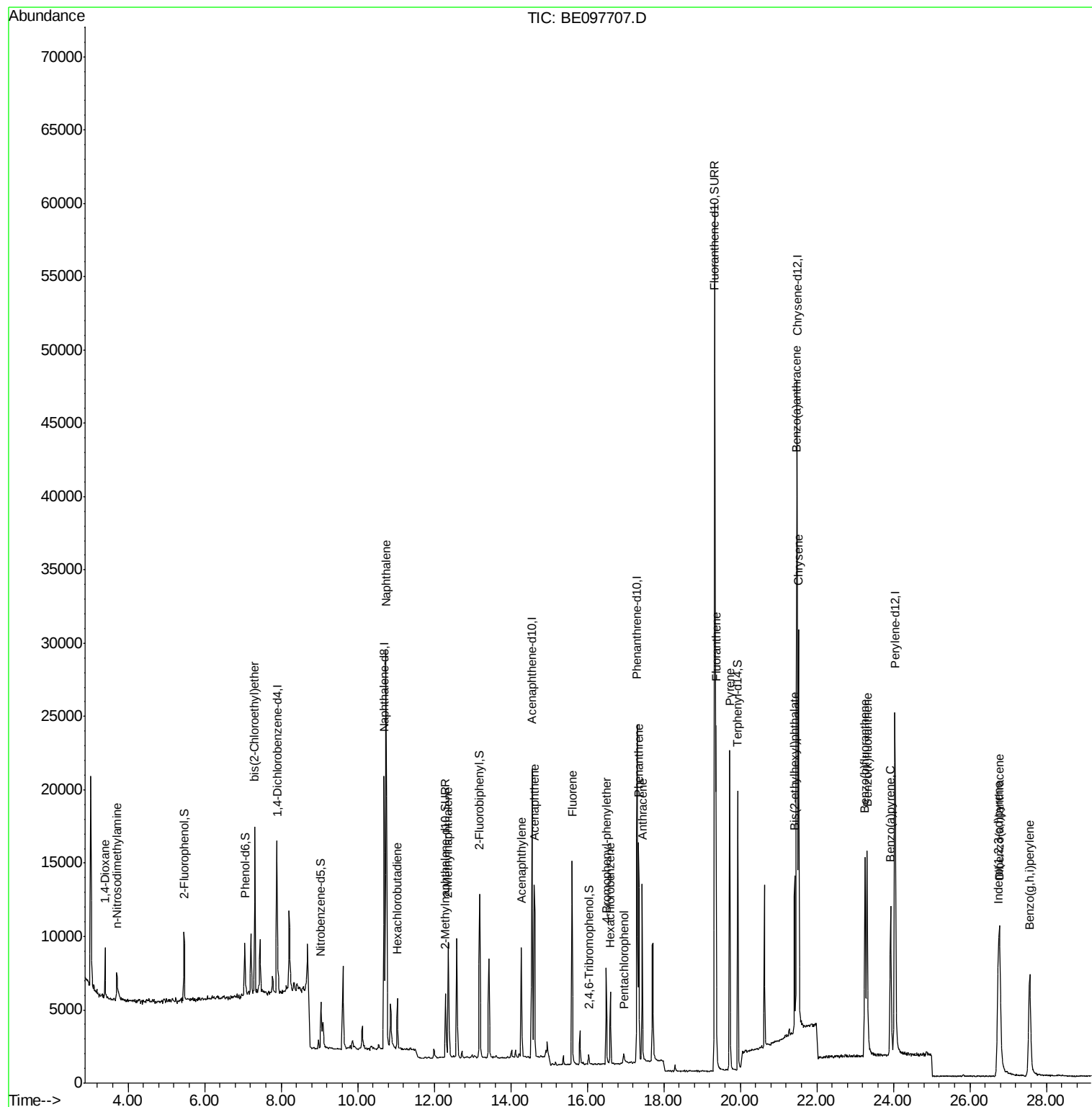
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.40	88	2356	0.221	ng	# 88
3) n-Nitrosodimethylamine	3.71	42	1895	0.296	ng	# 92
6) bis(2-Chloroethyl)ether	7.31	93	4022	0.235	ng	98
9) Naphthalene	10.74	128	44618	0.215	ng	99
10) Hexachlorobutadiene	11.04	225	2331	0.240	ng	99
12) 2-Methylnaphthalene	12.37	142	6814	0.215	ng	95
16) Acenaphthylene	14.28	152	10440	0.207	ng	100
17) Acenaphthene	14.61	154	6789	0.200	ng	97
18) Fluorene	15.60	166	8784	0.202	ng	99
20) 4-Bromophenyl-phenylether	16.50	248	3402	0.208	ng	96
21) Hexachlorobenzene	16.60	284	3968	0.216	ng	98
22) Pentachlorophenol	16.95	266	565	0.134	ng	92
23) Phenanthrene	17.34	178	16851	0.203	ng	100
24) Anthracene	17.43	178	14008	0.206	ng	99
26) Fluoranthene	19.36	202	20491	0.199	ng	100
28) Pyrene	19.72	202	21164	0.200	ng	100
30) Benzo(a)anthracene	21.48	228	21866	0.218	ng	99
31) Chrysene	21.52	228	25611	0.204	ng	99
32) Bis(2-ethylhexyl)phthalate	21.43	149	16084	0.130	ng	99
33) Indeno(1,2,3-cd)pyrene	26.74	276	21610	0.163	ng	# 91
35) Benzo(b)fluoranthene	23.26	252	20850	0.185	ng	99
36) Benzo(k)fluoranthene	23.31	252	22688	0.175	ng	97
37) Benzo(a)pyrene	23.93	252	18576	0.172	ng	97
38) Dibenzo(a,h)anthracene	26.77	278	17501	0.149	ng	96
39) Benzo(g,h,i)perylene	27.56	276	19104	0.161	ng	99

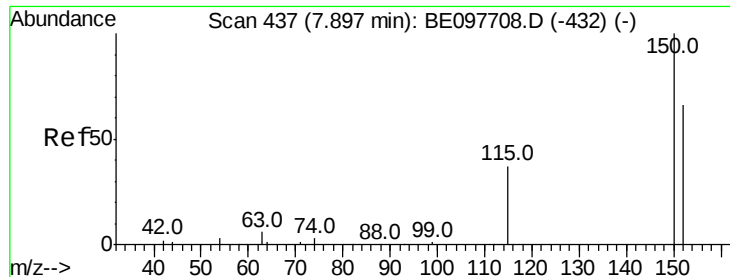
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 03 11:25:02 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.90 min Scan# 437

Delta R.T. 0.00 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

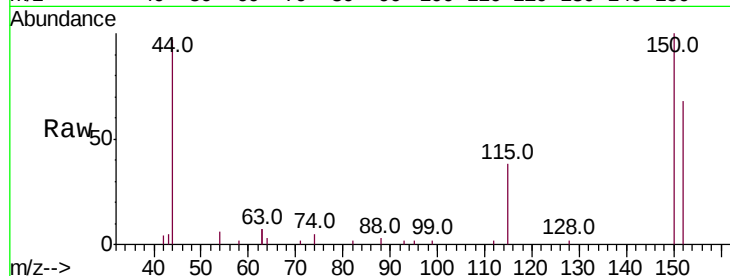
Tot Ion:152 Resp: 5120

Ion Ratio Lower Upper

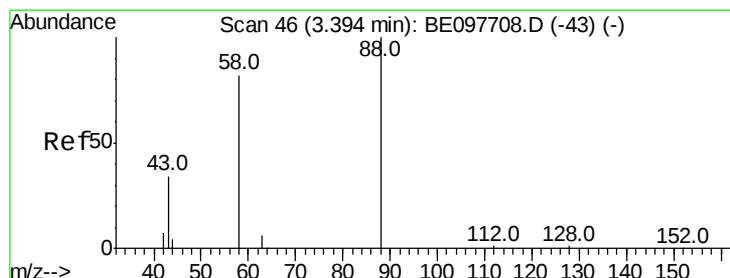
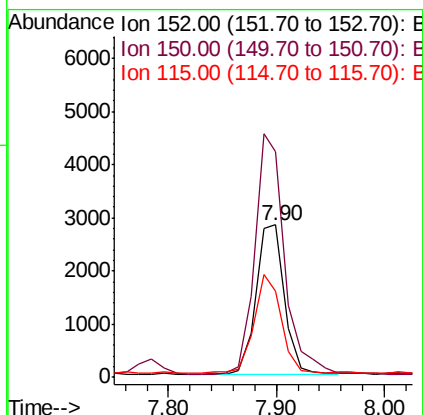
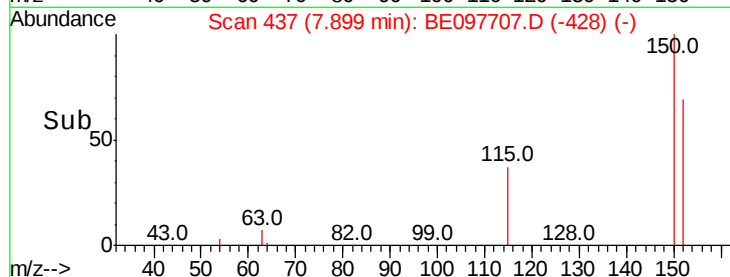
152 100

150 148.1 120.9 181.3

115 56.4 46.6 69.8



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: 0.221 ng

RT: 3.40 min Scan# 46

Delta R.T. 0.00 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

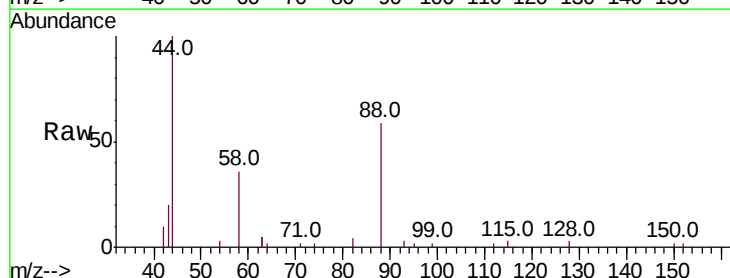
Tgt Ion: 88 Resp: 2356

Ion Ratio Lower Upper

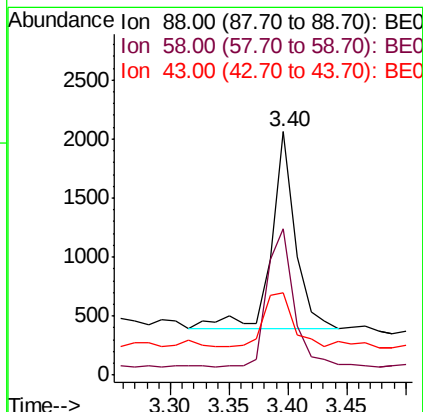
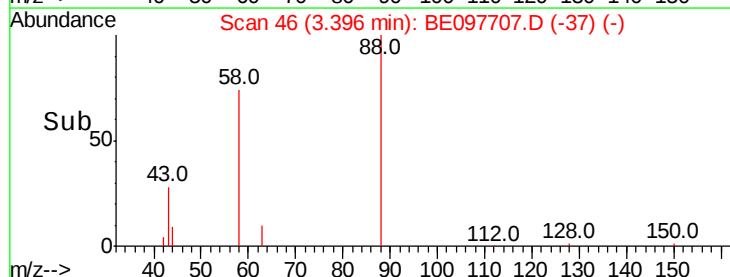
88 100

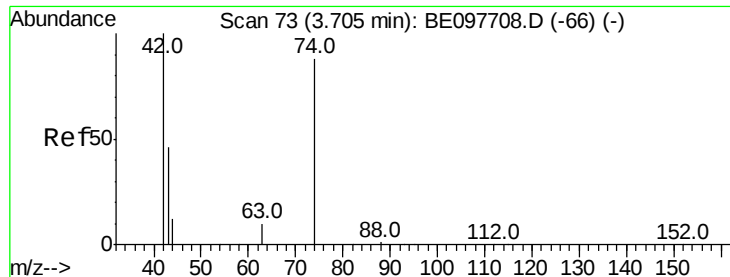
58 78.2 70.8 106.2

43 33.2 33.3 49.9#



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: 0.296 ng

RT: 3.71 min Scan# 73

Delta R.T. 0.00 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

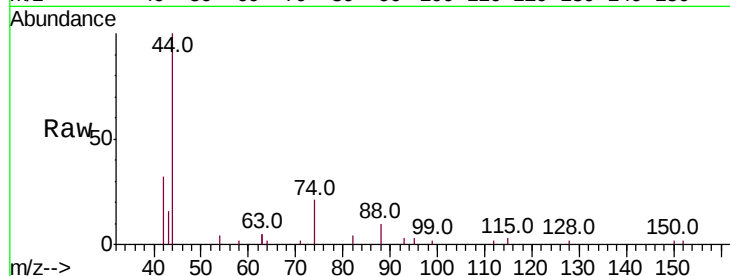
Tot Ion: 42 Resp: 1895

Ion Ratio Lower Upper

42 100

74 88.0 70.7 106.1

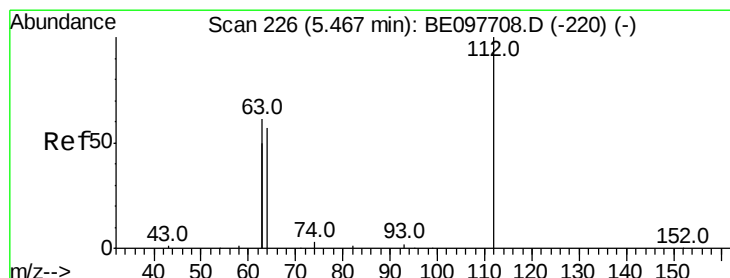
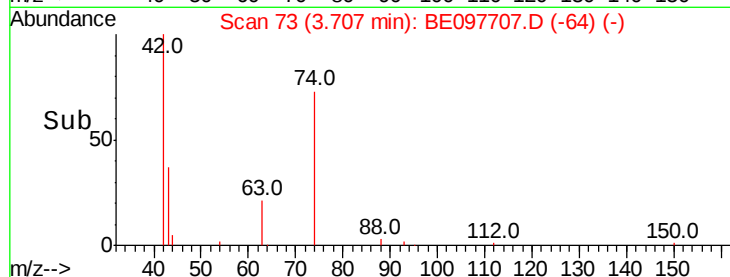
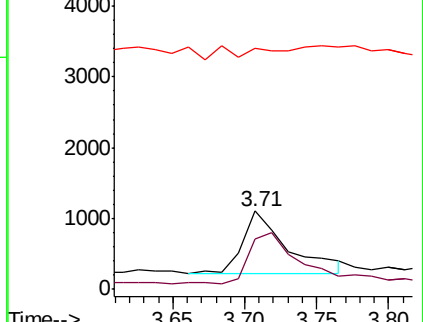
44 0.0 15.0 22.4#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.204 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.00 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

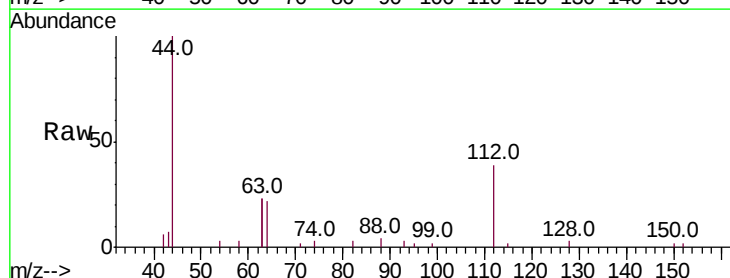
Tgt Ion: 112 Resp: 2582

Ion Ratio Lower Upper

112 100

64 69.1 56.6 84.8

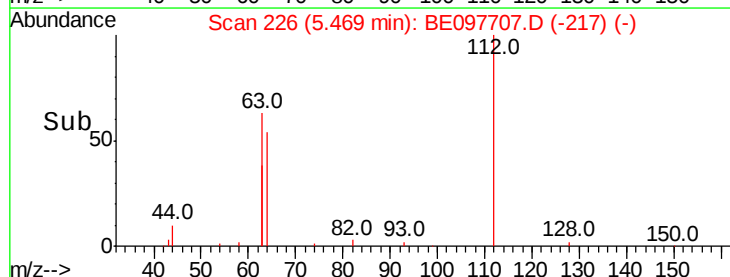
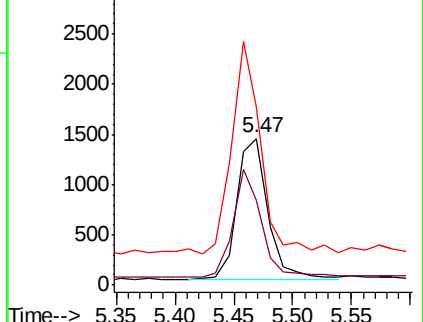
63 139.3 119.4 179.0

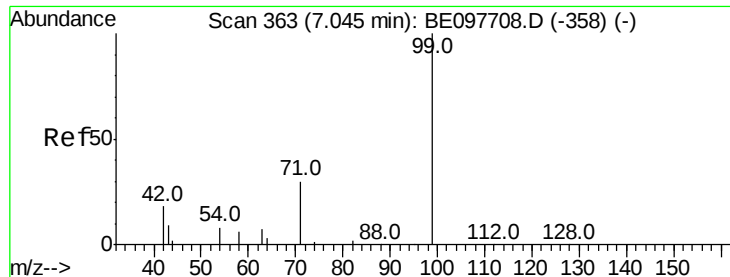


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.213 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

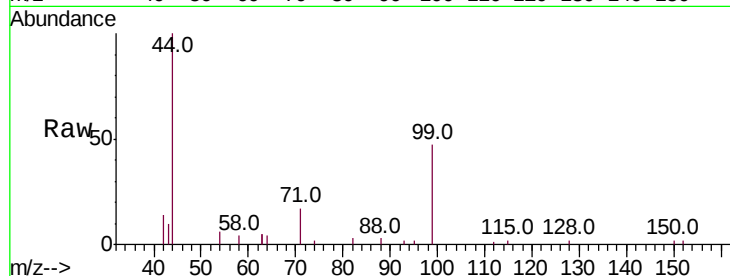
Tot Ion: 99 Resp: 3720

Ion Ratio Lower Upper

99 100

42 25.8 19.9 29.9

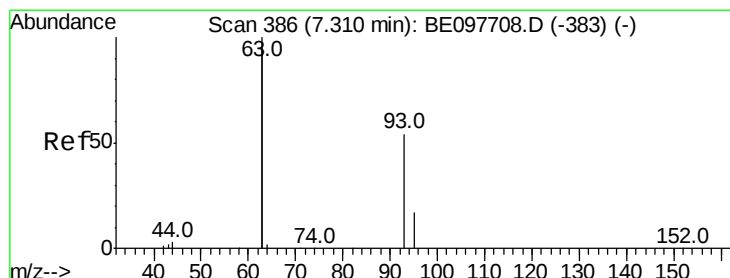
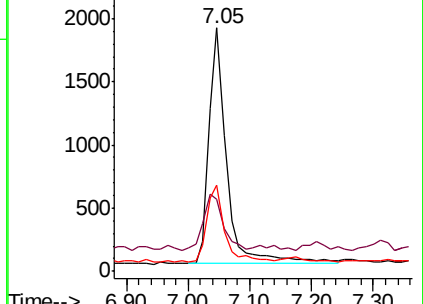
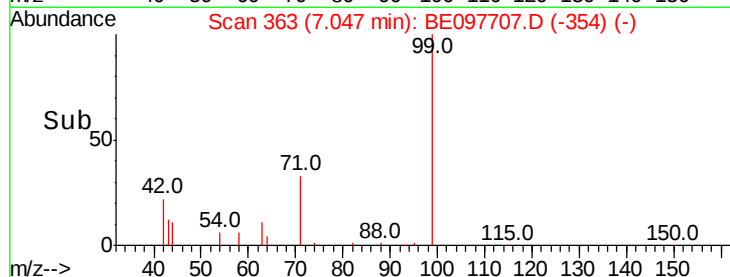
71 32.8 25.4 38.2



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: 0.235 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

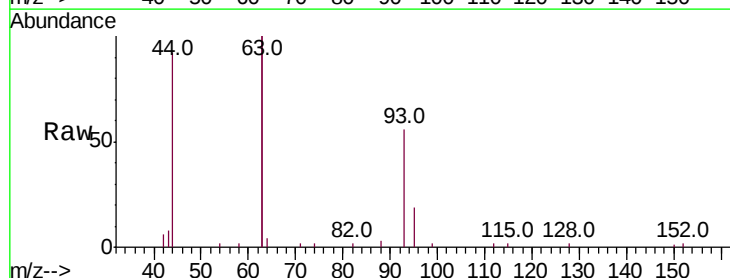
Tgt Ion: 93 Resp: 4022

Ion Ratio Lower Upper

93 100

63 329.6 266.9 400.3

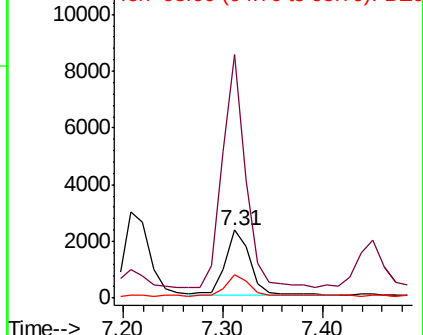
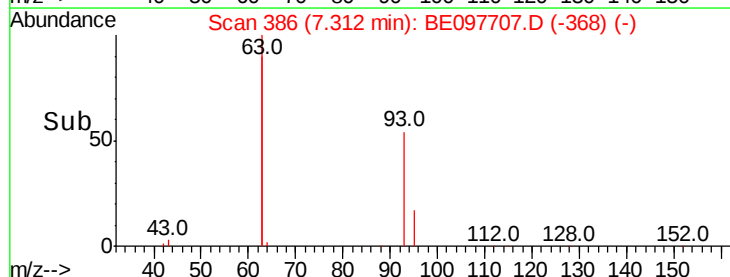
95 31.1 26.2 39.2

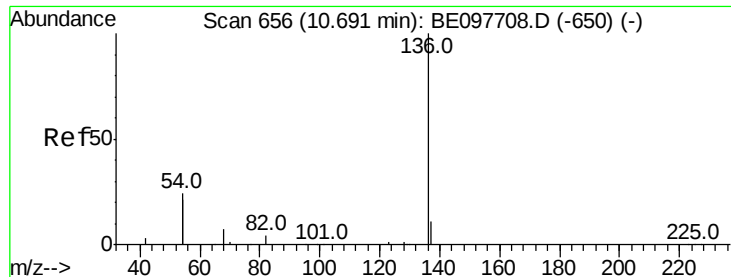


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 21042

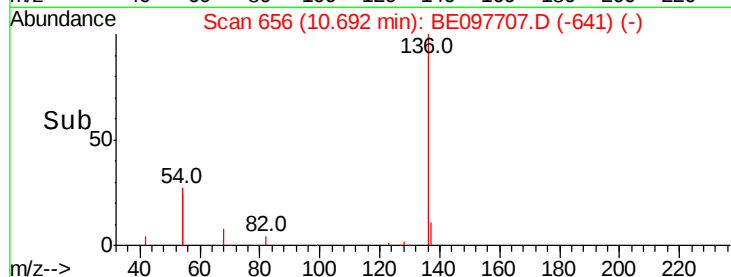
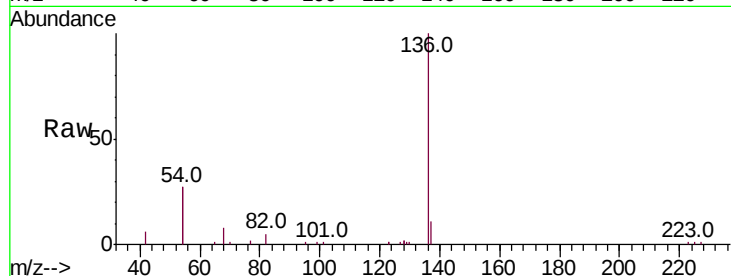
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 53.9 37.8 56.6

68 8.3 6.4 9.6

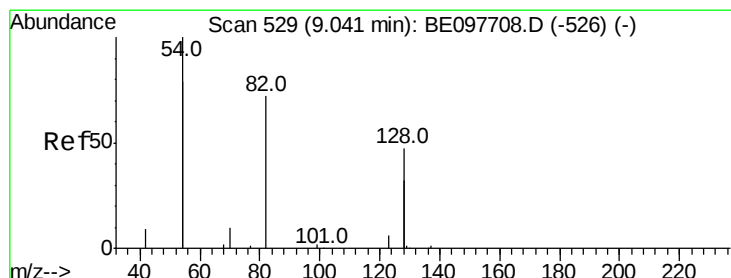
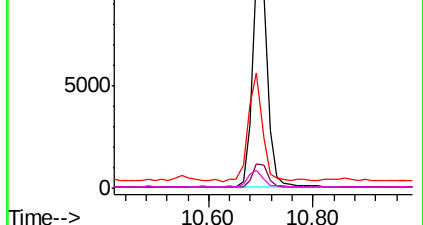


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.094 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

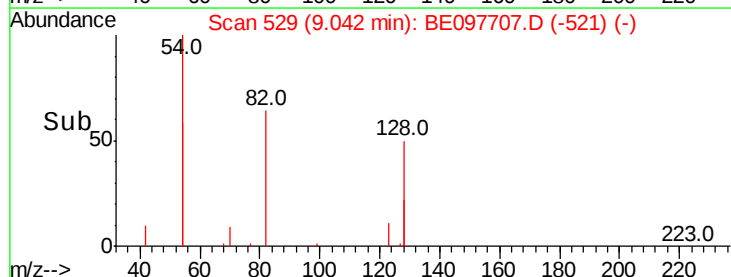
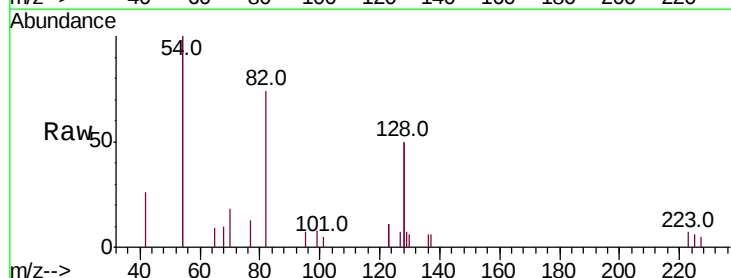
Tgt Ion: 82 Resp: 1396

Ion Ratio Lower Upper

82 100

128 135.0 97.0 145.4

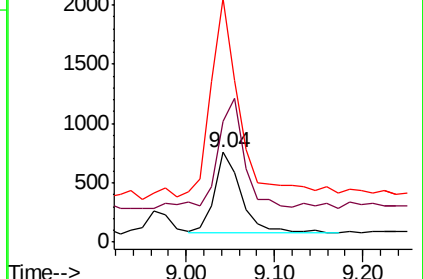
54 271.3 206.9 310.3

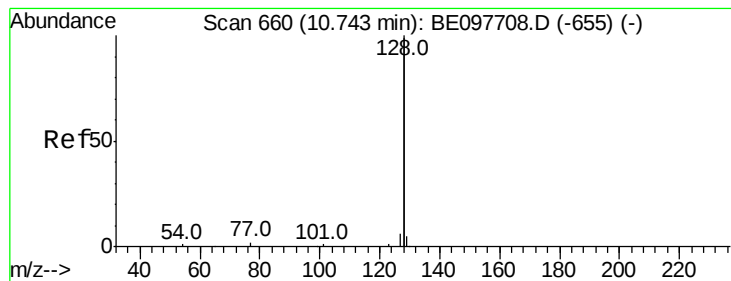


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.215 ng

RT: 10.74 min Scan# 660

Delta R.T. 0.00 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

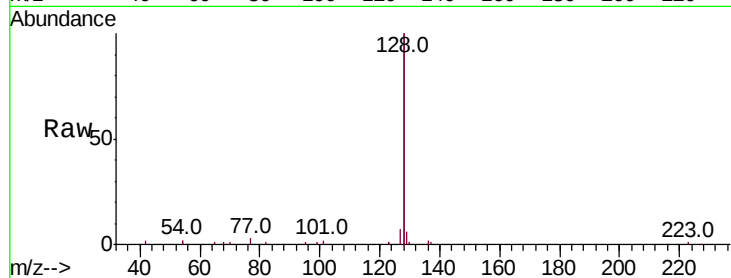
Tot Ion:128 Resp: 44618

Ion Ratio Lower Upper

128 100

129 3.0 2.2 3.2

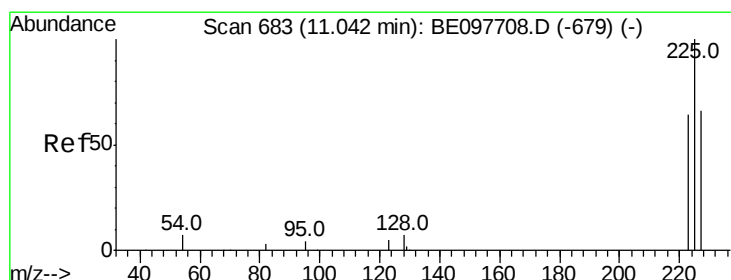
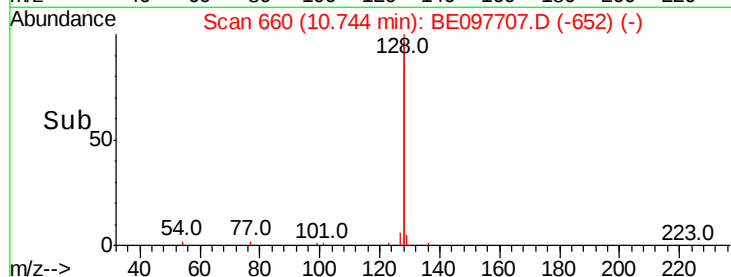
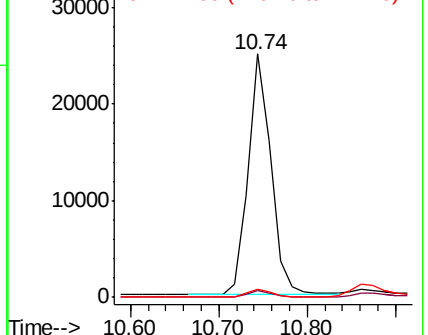
127 3.3 2.7 4.1



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: 0.240 ng

RT: 11.04 min Scan# 683

Delta R.T. 0.00 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

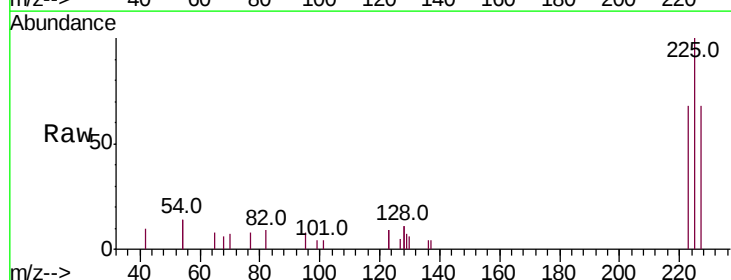
Tgt Ion:225 Resp: 2331

Ion Ratio Lower Upper

225 100

223 65.0 52.2 78.4

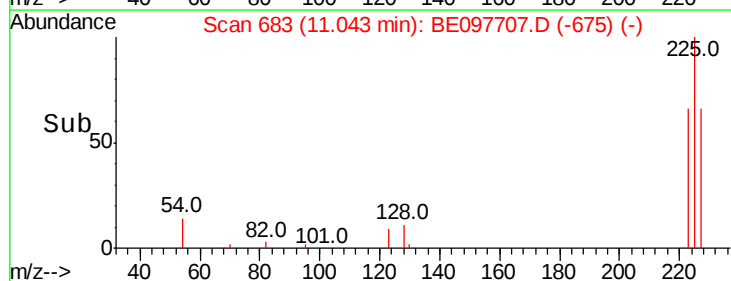
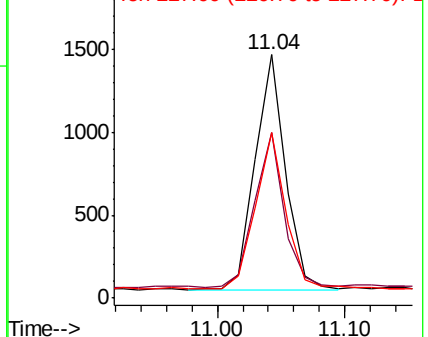
227 66.0 51.2 76.8

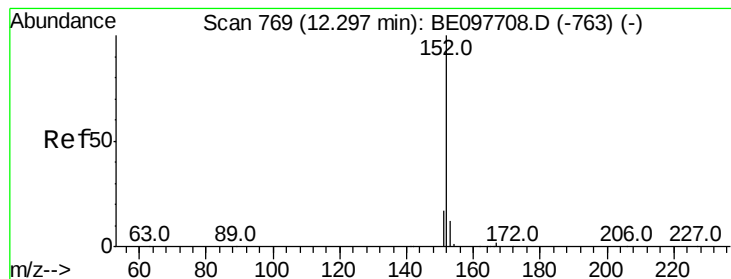


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

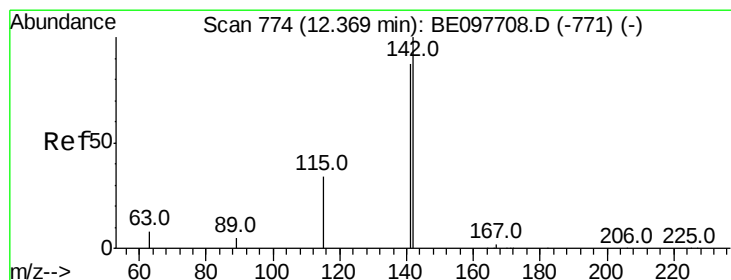
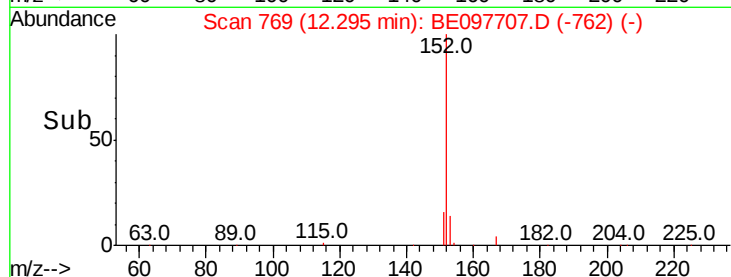
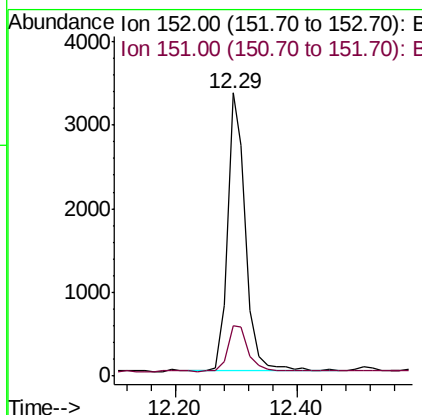
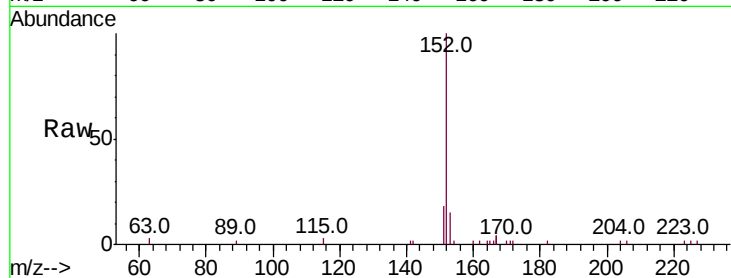




#11
 2-Methylnaphthalene-d10
 Concen: 0.212 ng
 RT: 12.29 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE097707.D
 Acq: 3 Oct 2018 9:04

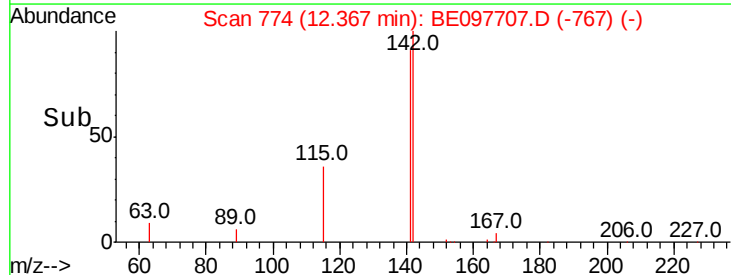
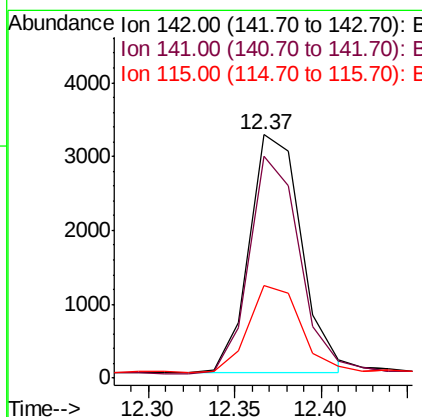
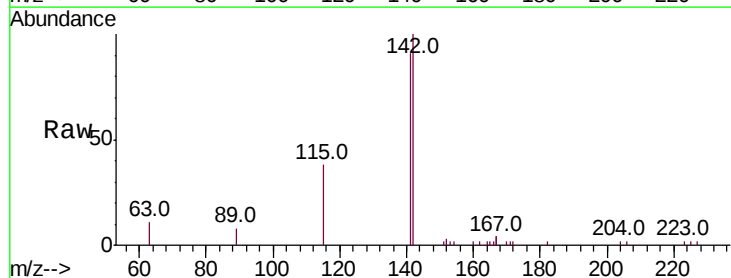
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

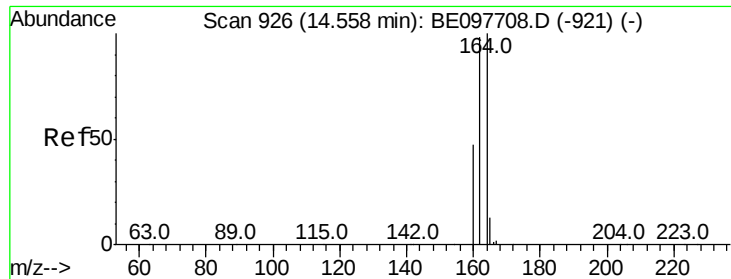
Tot Ion:152 Resp: 6934
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.215 ng
 RT: 12.37 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BE097707.D
 Acq: 3 Oct 2018 9:04

Tgt Ion:142 Resp: 6814
 Ion Ratio Lower Upper
 142 100
 141 91.1 69.4 104.2
 115 38.0 28.0 42.0

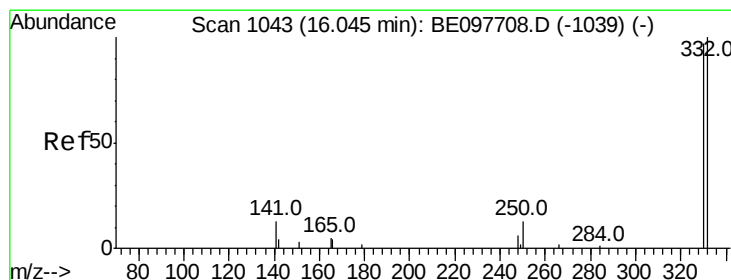
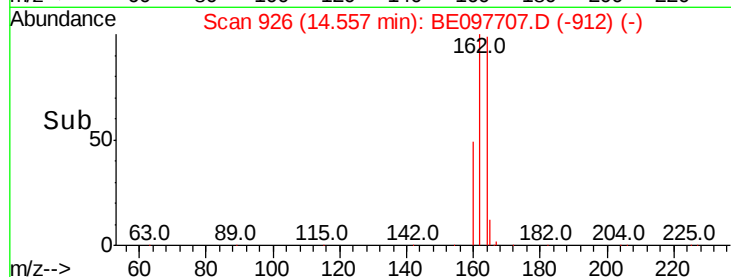
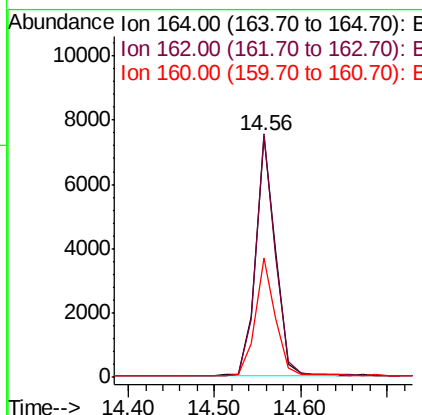
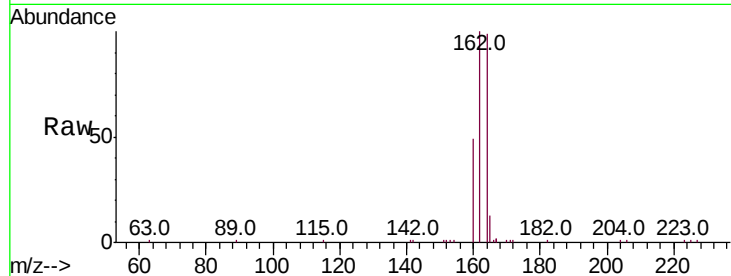




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.56 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BE097707.D
 Acq: 3 Oct 2018 9:04

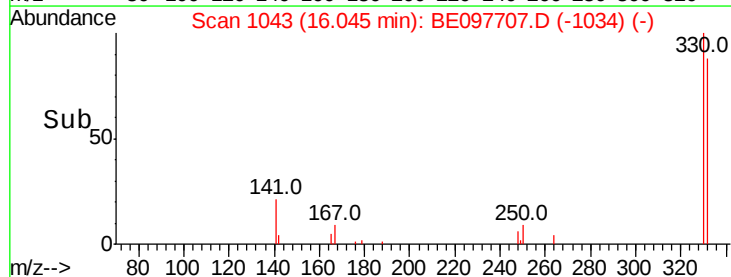
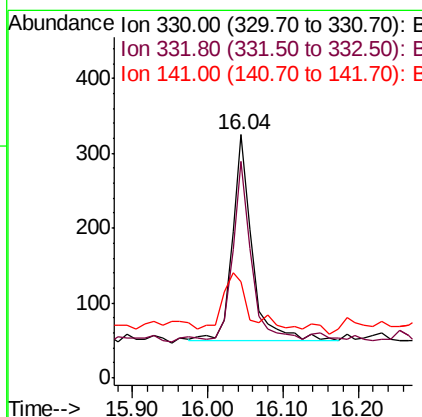
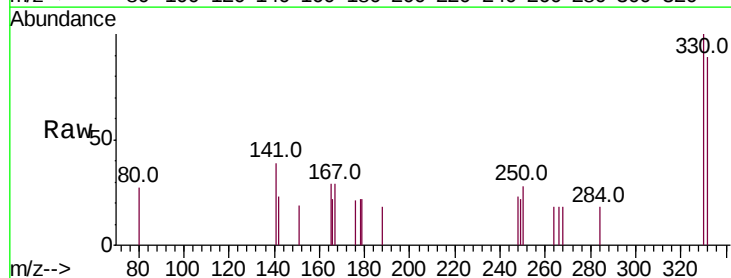
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

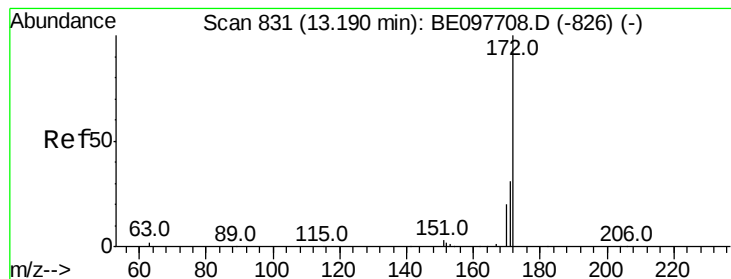
Tot Ion:164 Resp: 11819
 Ion Ratio Lower Upper
 164 100
 162 100.9 78.6 117.8
 160 49.7 37.8 56.6



#14
 2,4,6-Tribromophenol
 Concen: 0.110 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BE097707.D
 Acq: 3 Oct 2018 9:04

Tgt Ion:330 Resp: 510
 Ion Ratio Lower Upper
 330 100
 332 79.4 83.5 125.3#
 141 33.3 34.9 52.3#





#15

2-Fluorobiphenyl

Concen: 0.236 ng

RT: 13.19 min Scan# 831

Delta R.T. -0.00 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

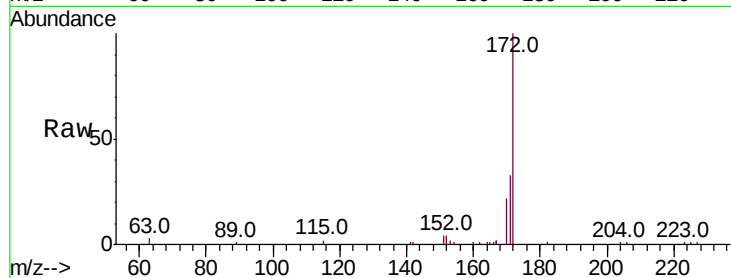
Tot Ion:172 Resp: 11737

Ion Ratio Lower Upper

172 100

171 32.8 25.2 37.8

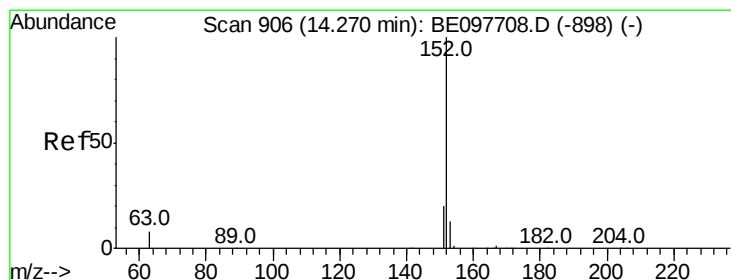
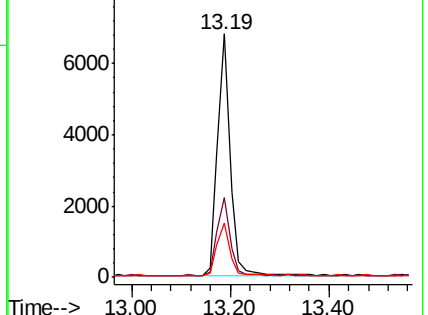
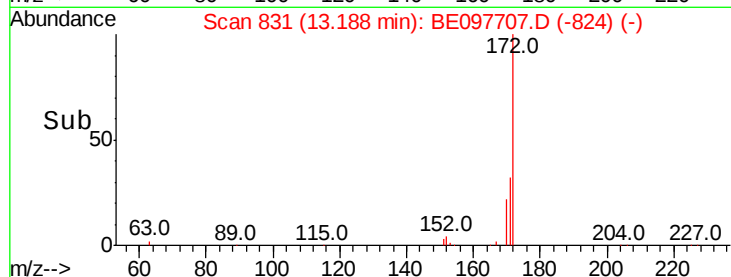
170 22.4 16.2 24.2



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: 0.207 ng

RT: 14.28 min Scan# 907

Delta R.T. 0.01 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

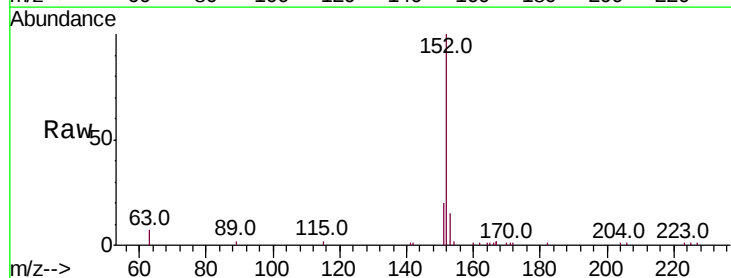
Tgt Ion:152 Resp: 10440

Ion Ratio Lower Upper

152 100

151 19.2 15.3 22.9

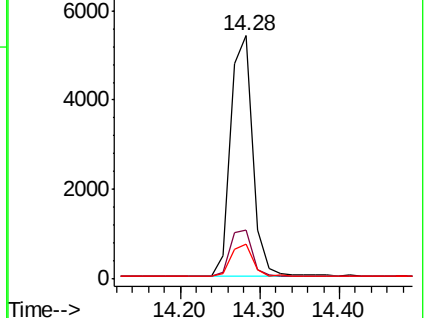
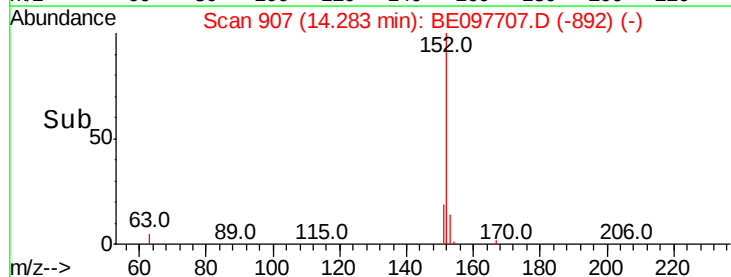
153 13.8 10.8 16.2

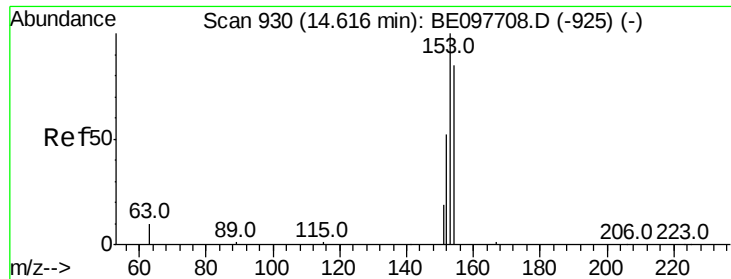


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

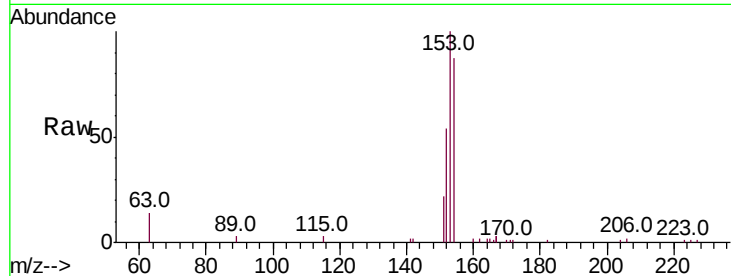




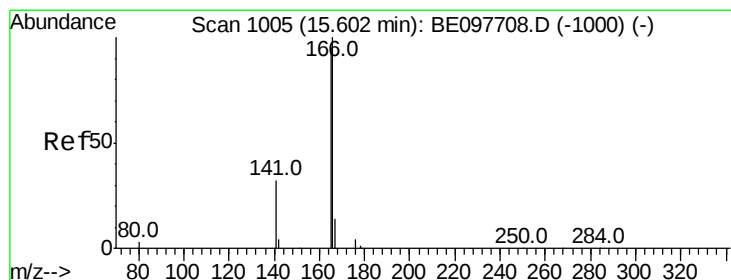
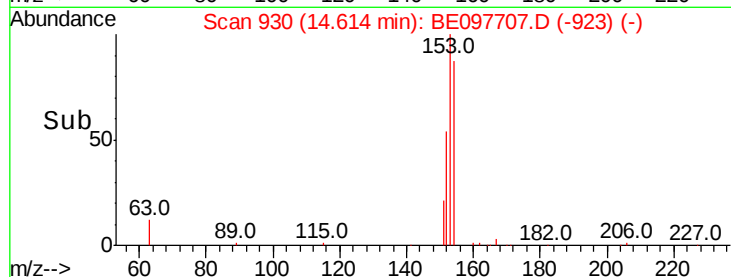
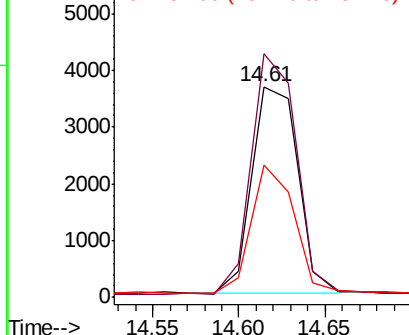
#17
Acenaphthene
Concen: 0.200 ng
RT: 14.61 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:154 Resp: 6789
Ion Ratio Lower Upper
154 100
153 113.8 93.3 139.9
152 58.8 48.9 73.3

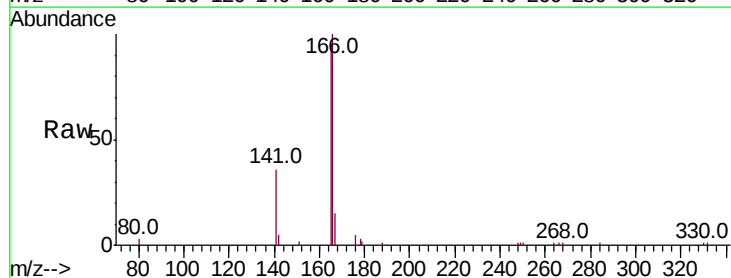


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

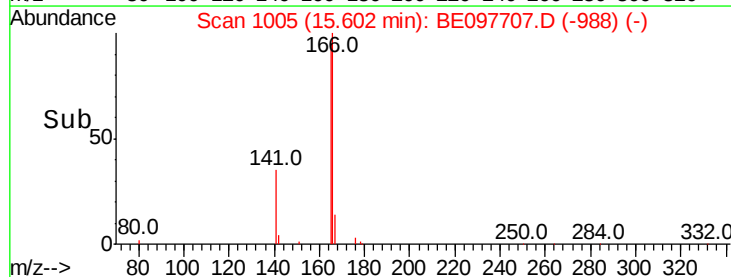
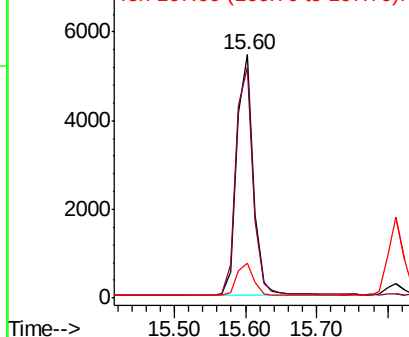


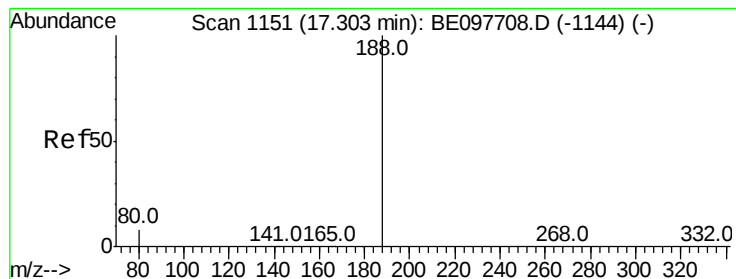
#18
Fluorene
Concen: 0.202 ng
RT: 15.60 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Tgt Ion:166 Resp: 8784
Ion Ratio Lower Upper
166 100
165 99.4 79.0 118.4
167 13.8 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.30 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

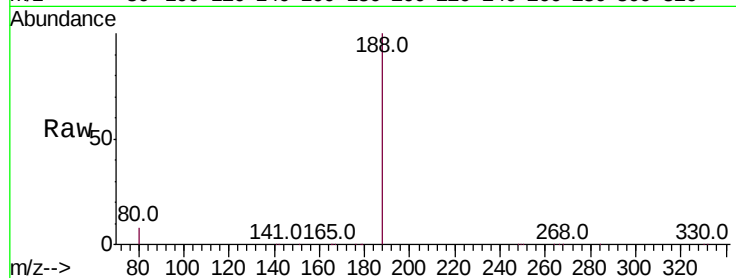
Tot Ion:188 Resp: 32037

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

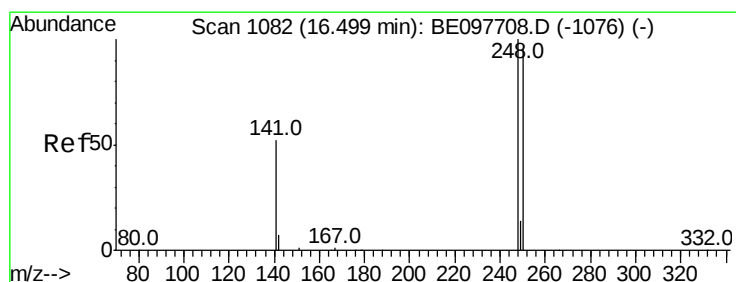
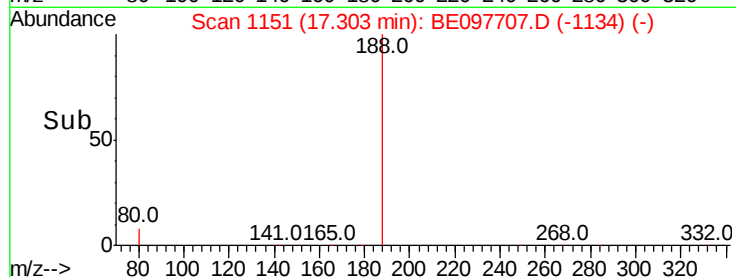
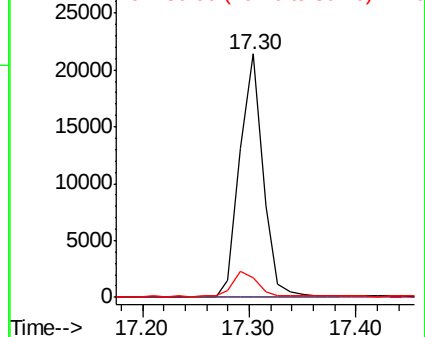
80 8.0 6.6 9.8



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: 0.208 ng

RT: 16.50 min Scan# 1082

Delta R.T. 0.00 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

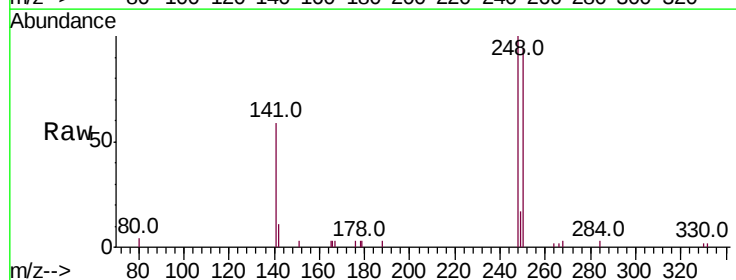
Tgt Ion:248 Resp: 3402

Ion Ratio Lower Upper

248 100

250 94.4 76.1 114.1

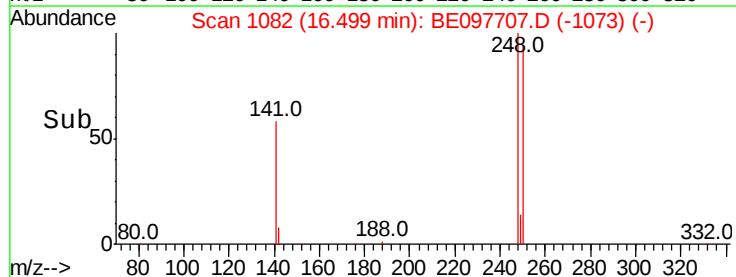
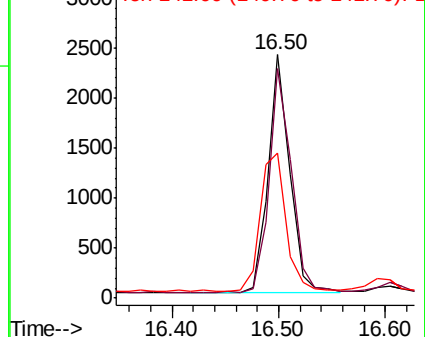
141 59.4 42.2 63.4

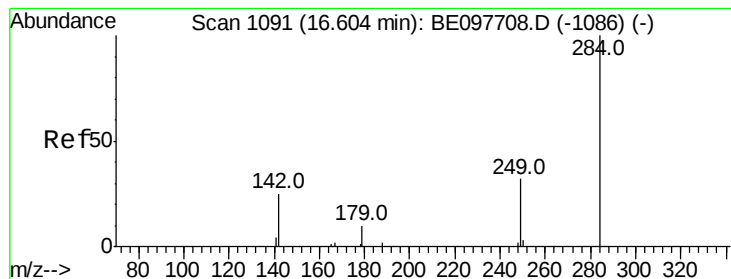


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.216 ng

RT: 16.60 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

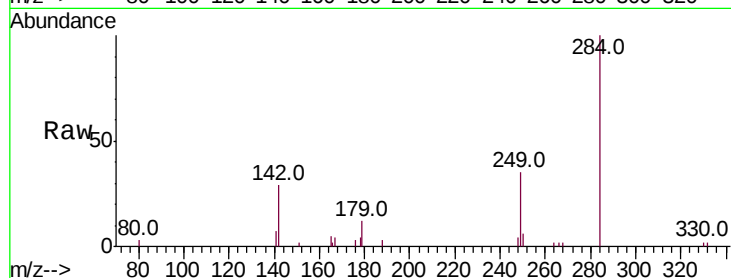
Tot Ion:284 Resp: 3968

Ion Ratio Lower Upper

284 100

142 32.4 24.9 37.3

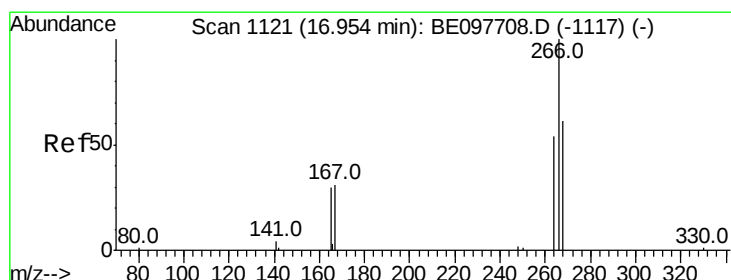
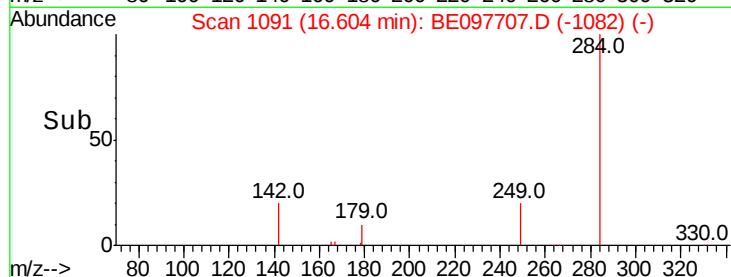
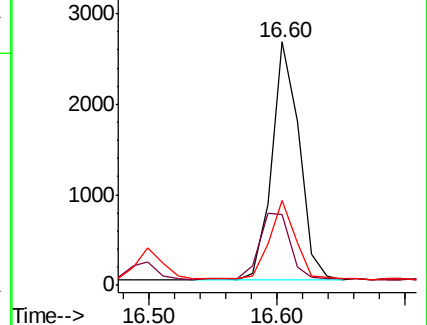
249 31.0 25.8 38.8



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: 0.134 ng

RT: 16.95 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

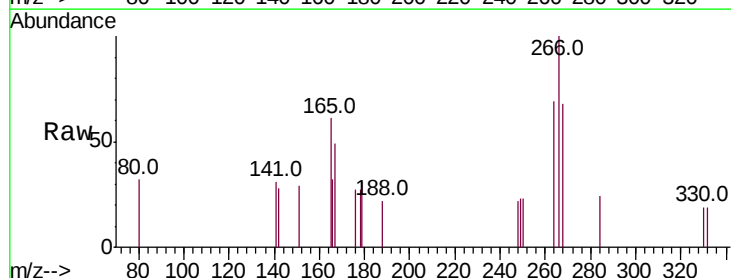
Tgt Ion:266 Resp: 565

Ion Ratio Lower Upper

266 100

264 69.1 46.8 70.2

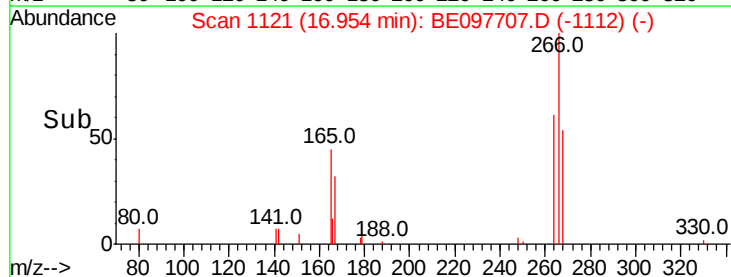
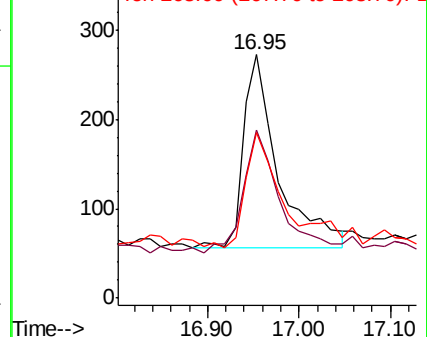
268 68.0 53.0 79.6

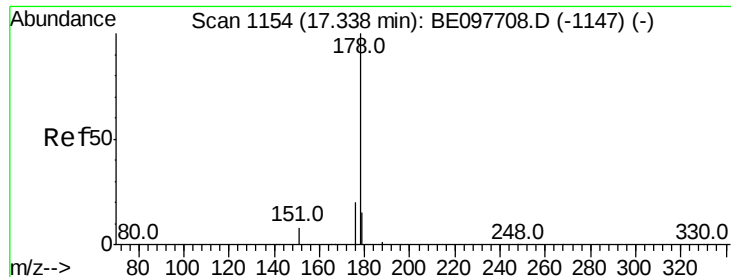


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.203 ng

RT: 17.34 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

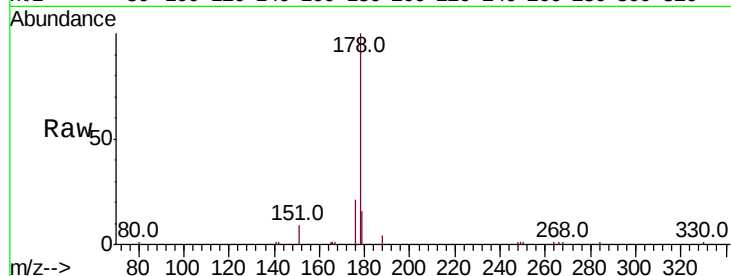
Tot Ion:178 Resp: 16851

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

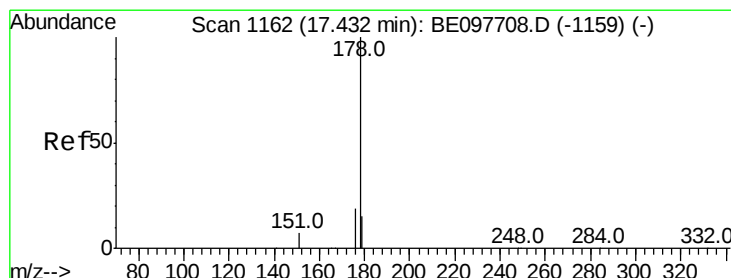
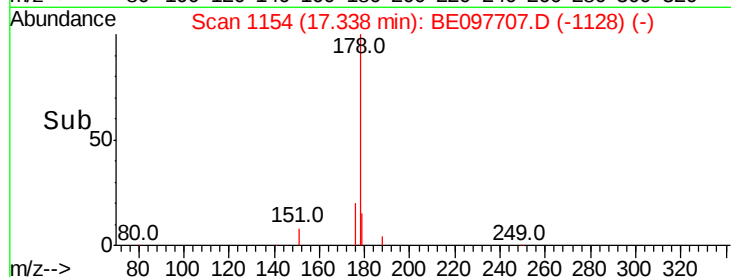
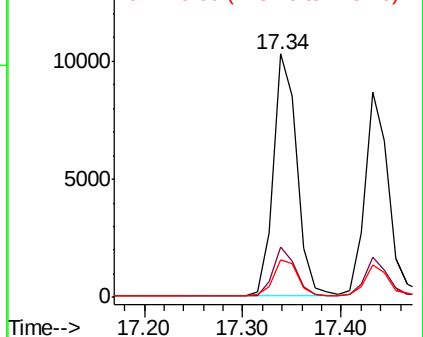
179 15.4 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.206 ng

RT: 17.43 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

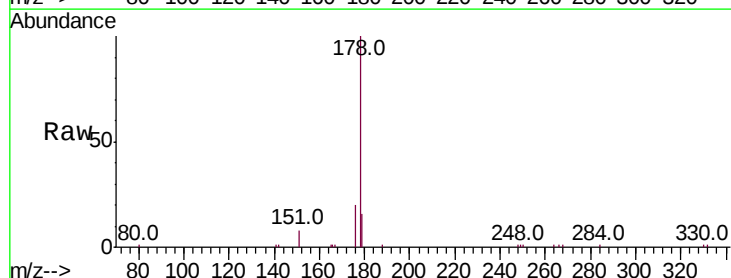
Tgt Ion:178 Resp: 14008

Ion Ratio Lower Upper

178 100

176 18.3 15.1 22.7

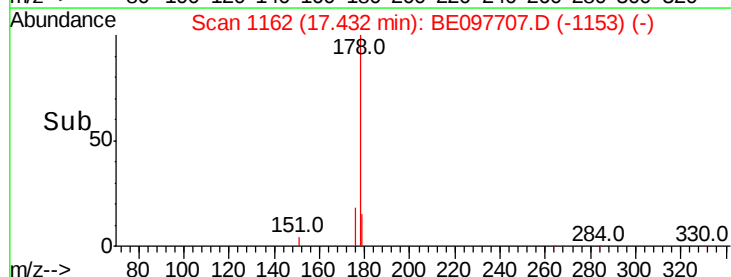
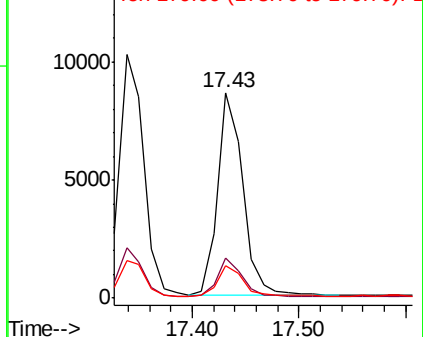
179 15.5 12.2 18.2

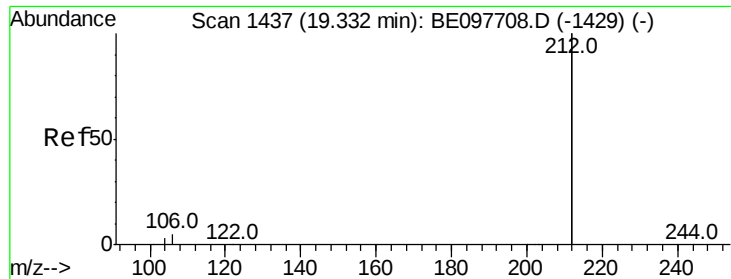


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.208 ng

RT: 19.33 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

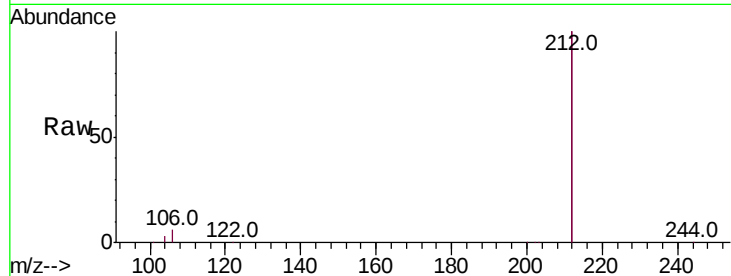
Tot Ion:212 Resp: 80654

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

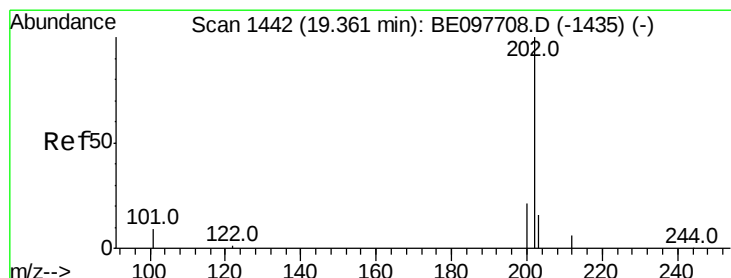
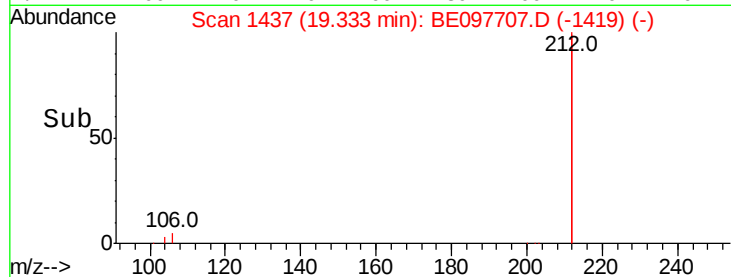
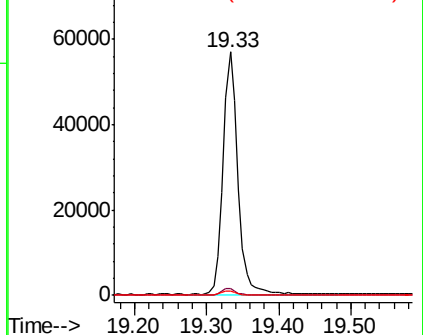
104 1.6 1.2 1.8



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: 0.199 ng

RT: 19.36 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

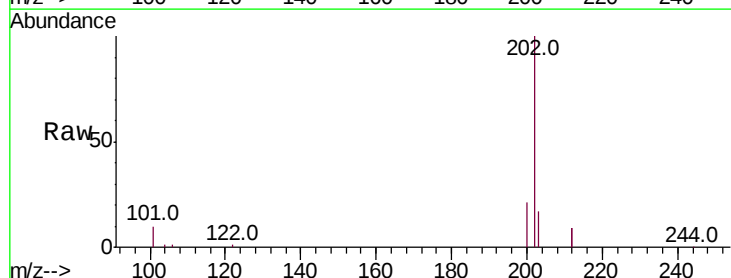
Tgt Ion:202 Resp: 20491

Ion Ratio Lower Upper

202 100

101 9.8 7.8 11.8

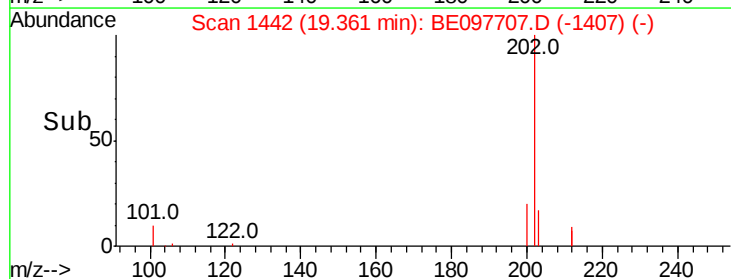
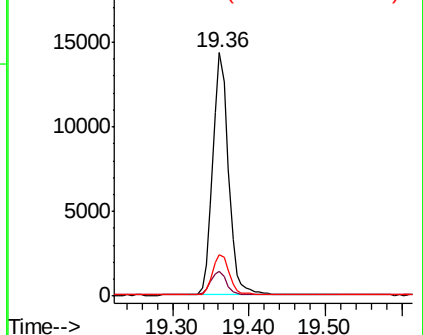
203 17.4 13.8 20.6

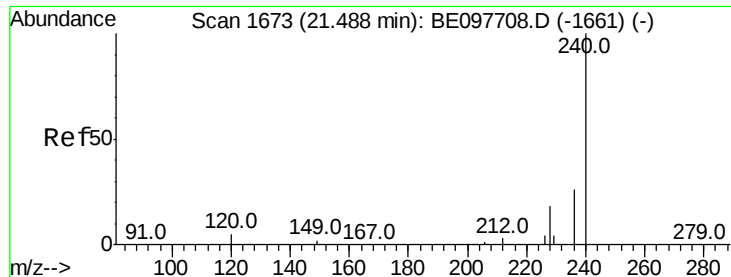


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.49 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

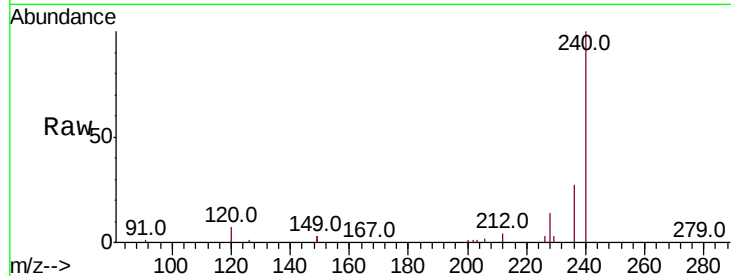
Tot Ion:240 Resp: 40597

Ion Ratio Lower Upper

240 100

120 7.4 4.7 7.1#

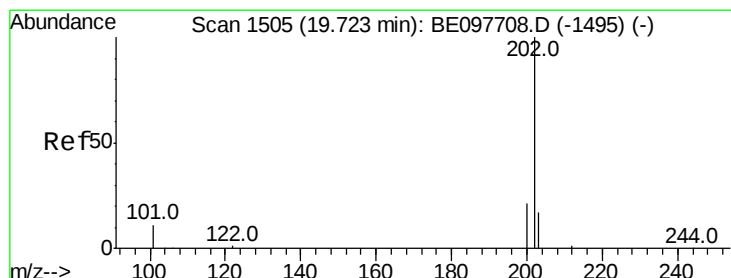
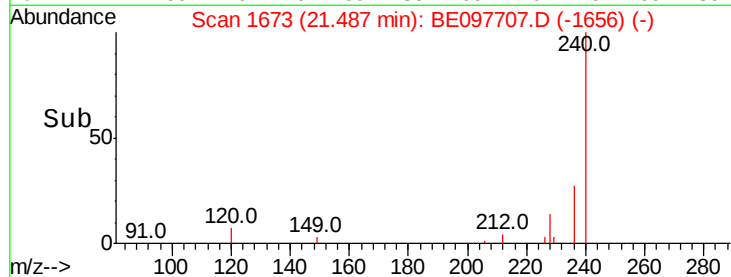
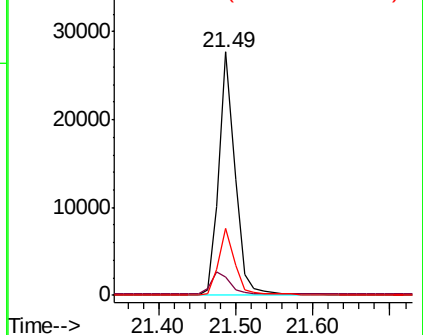
236 27.4 20.8 31.2



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: 0.200 ng

RT: 19.72 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

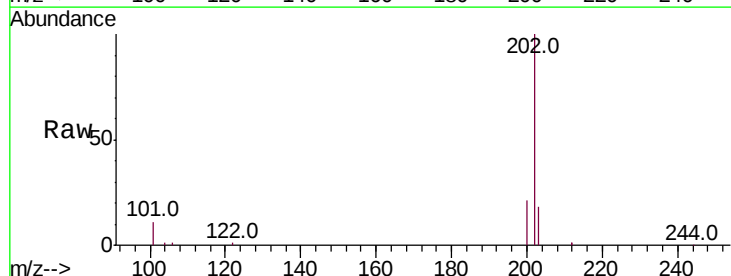
Tgt Ion:202 Resp: 21164

Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

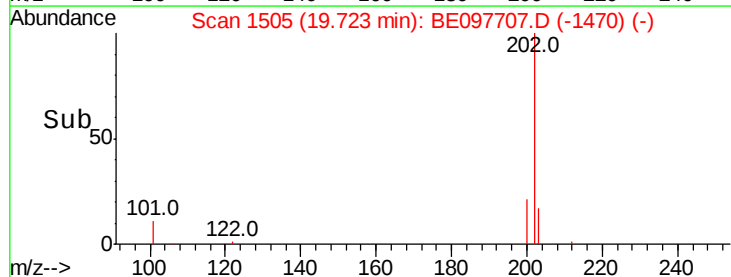
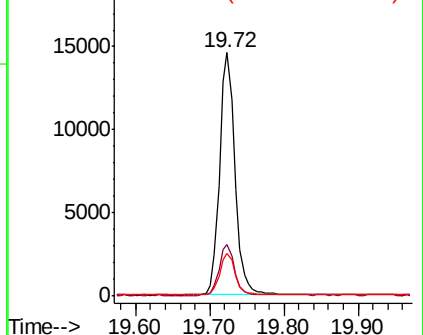
203 17.3 13.9 20.9

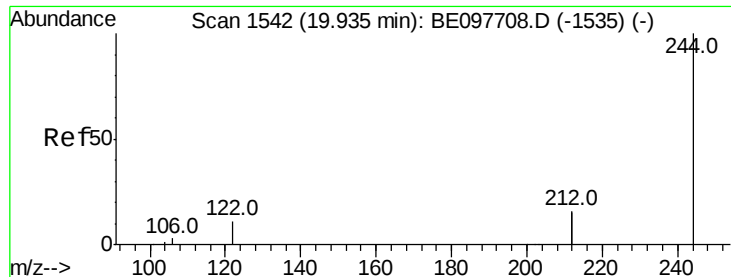


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.199 ng

RT: 19.94 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

Instrument :

BNA_E

ClientSampled :

SSTDIC0.2

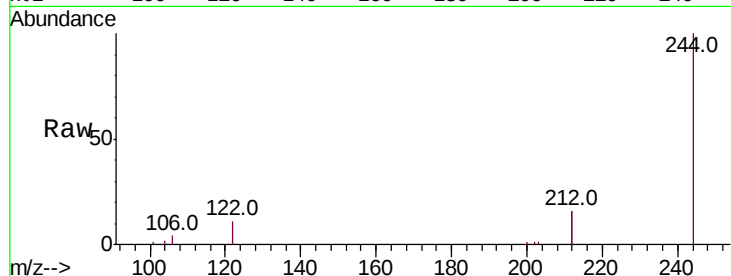
Tot Ion:244 Resp: 17489

Ion Ratio Lower Upper

244 100

212 32.5 25.8 38.8

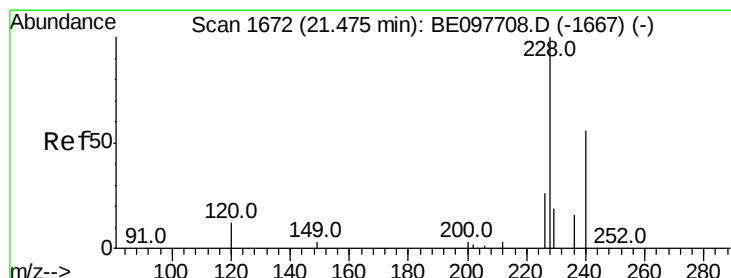
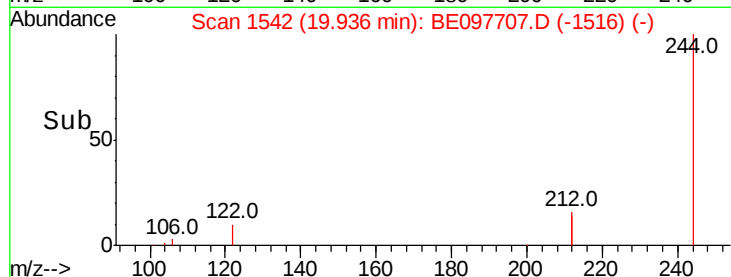
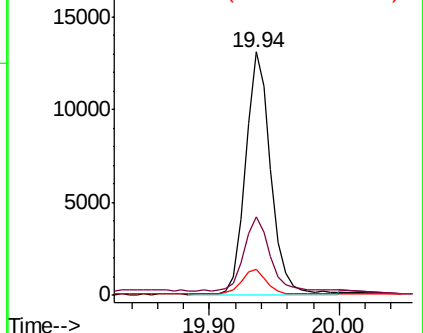
122 10.8 8.7 13.1



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: 0.218 ng

RT: 21.48 min Scan# 1672

Delta R.T. -0.00 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

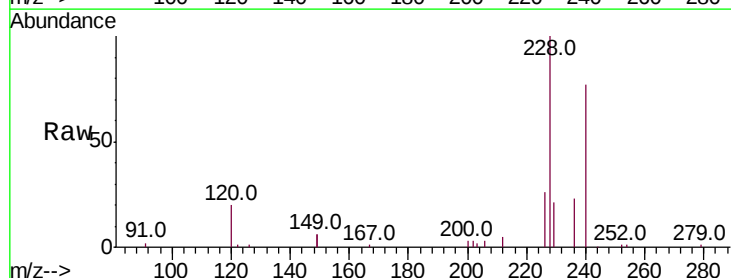
Tgt Ion:228 Resp: 21866

Ion Ratio Lower Upper

228 100

226 26.2 20.7 31.1

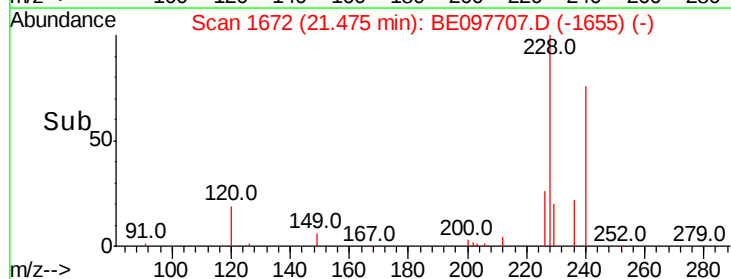
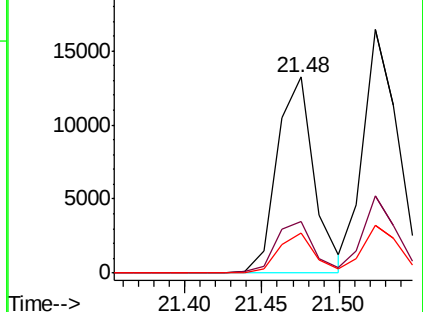
229 20.6 15.7 23.5

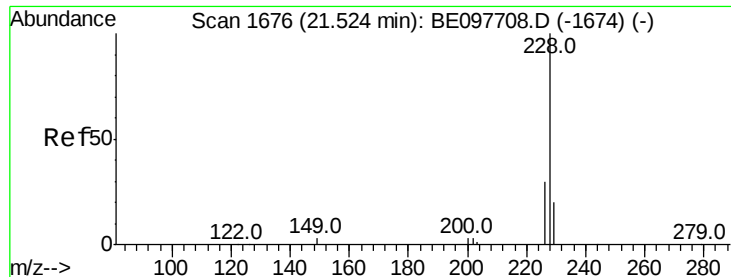


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.204 ng

RT: 21.52 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

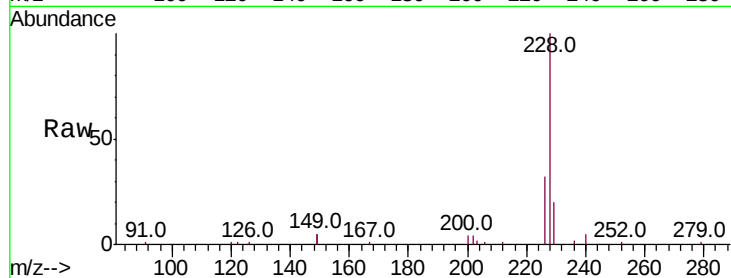
Tot Ion:228 Resp: 25611

Ion Ratio Lower Upper

228 100

226 31.6 24.3 36.5

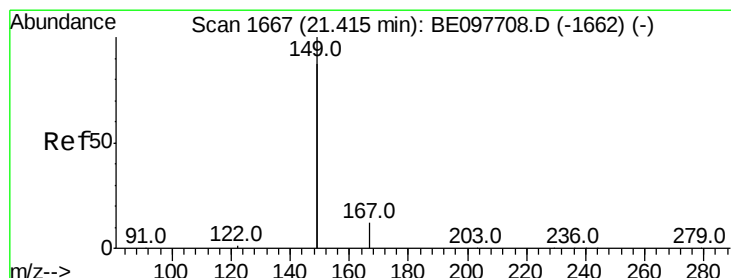
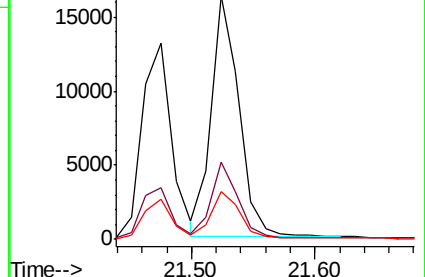
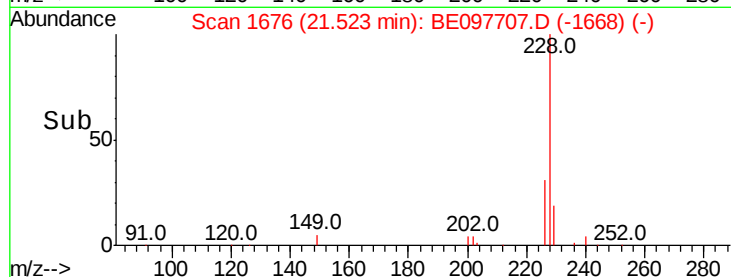
229 19.8 16.0 24.0



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: 0.130 ng

RT: 21.43 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

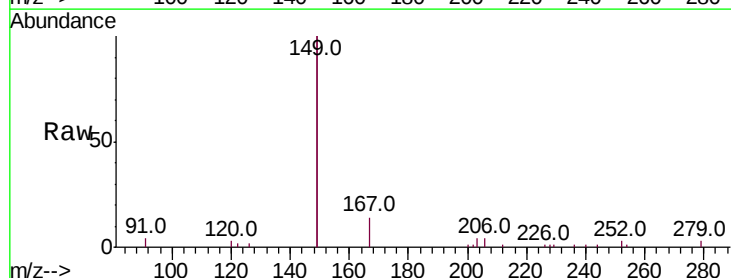
Tgt Ion:149 Resp: 16084

Ion Ratio Lower Upper

149 100

167 6.7 5.5 8.3

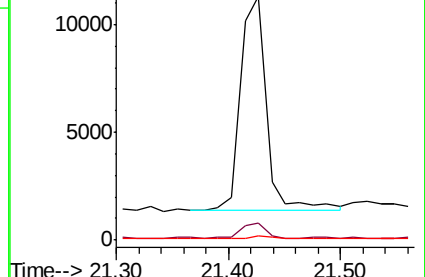
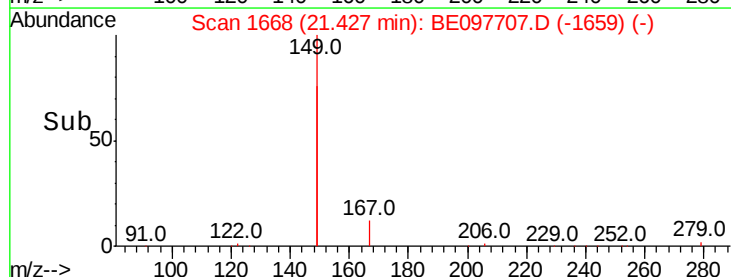
279 1.2 0.9 1.3

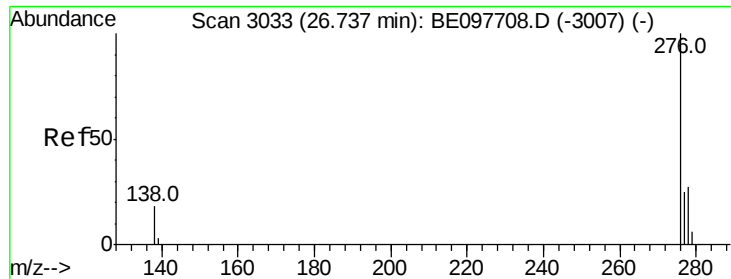


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

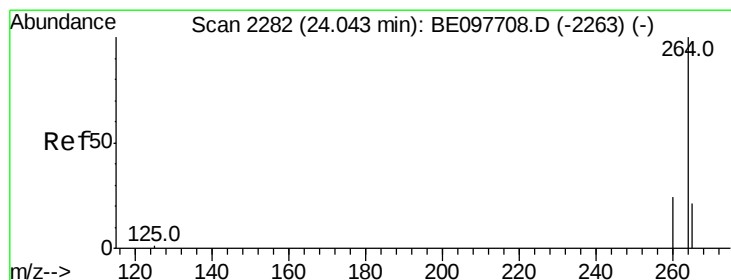
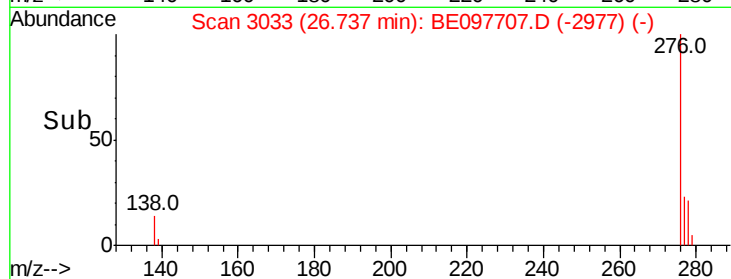
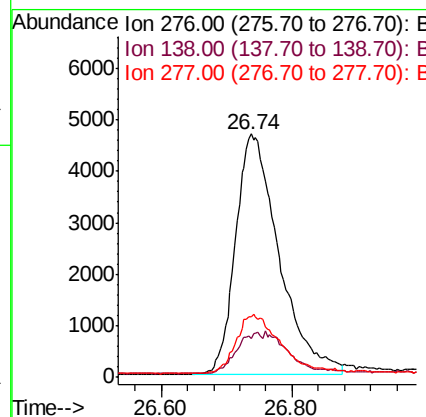
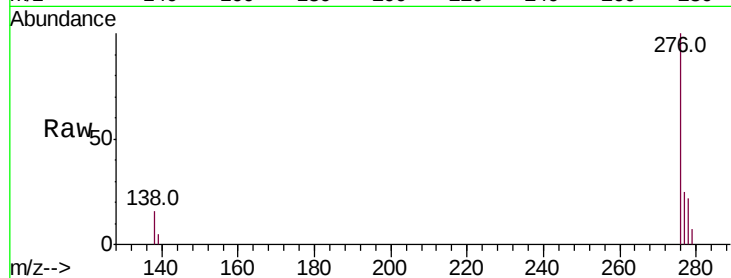




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.163 ng
 RT: 26.74 min Scan# 3033
 Delta R.T. 0.00 min
 Lab File: BE097707.D
 Acq: 3 Oct 2018 9:04

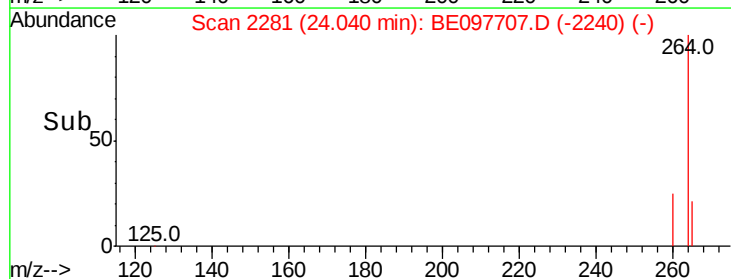
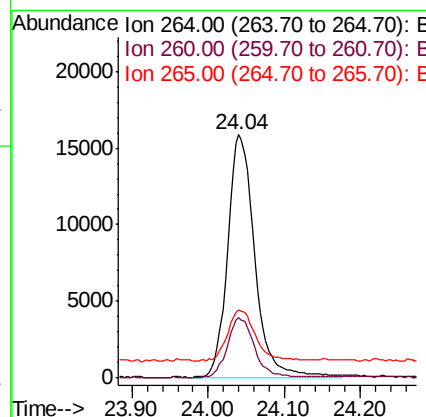
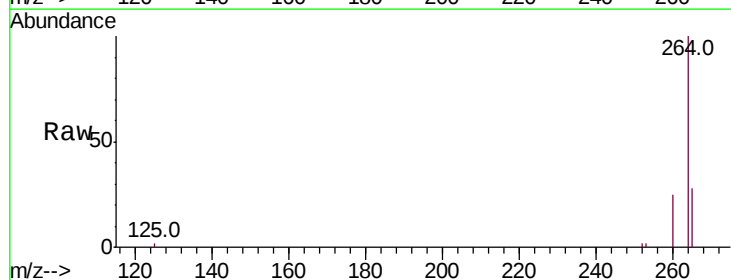
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

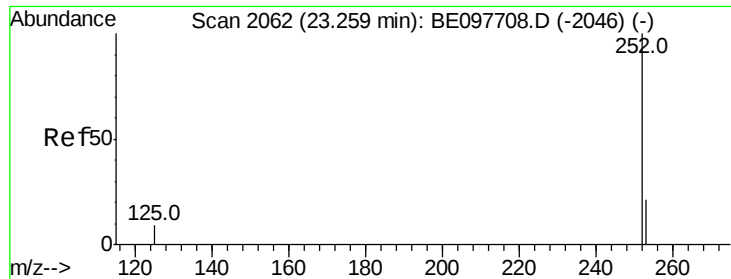
Tot Ion:276 Resp: 21610
 Ion Ratio Lower Upper
 276 100
 138 10.0 15.0 22.6#
 277 24.7 19.2 28.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.04 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BE097707.D
 Acq: 3 Oct 2018 9:04

Tgt Ion:264 Resp: 38961
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.1 28.7
 265 28.0 21.9 32.9





#35

Benzo(b)fluoranthene

Concen: 0.185 ng

RT: 23.26 min Scan# 2062

Delta R.T. 0.00 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

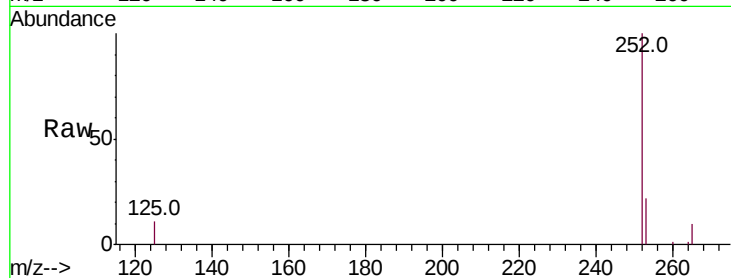
Tot Ion:252 Resp: 20850

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

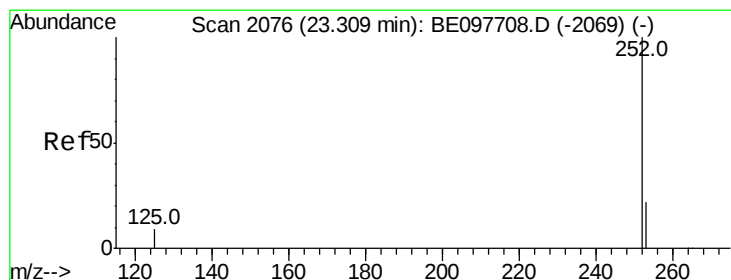
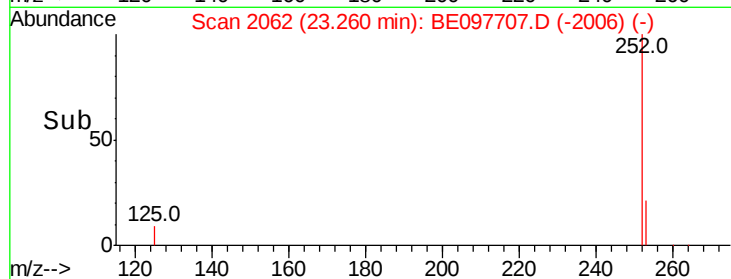
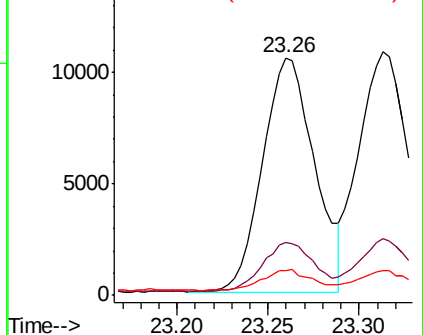
125 10.6 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.175 ng

RT: 23.31 min Scan# 2077

Delta R.T. 0.00 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

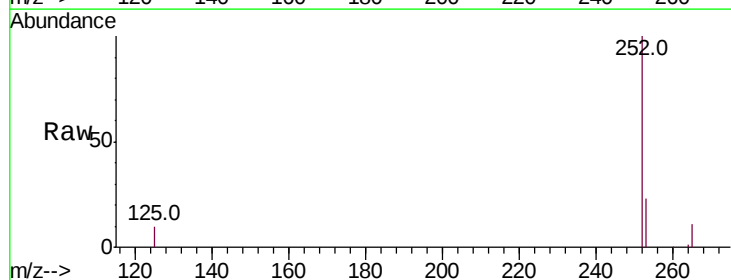
Tgt Ion:252 Resp: 22688

Ion Ratio Lower Upper

252 100

253 23.4 17.5 26.3

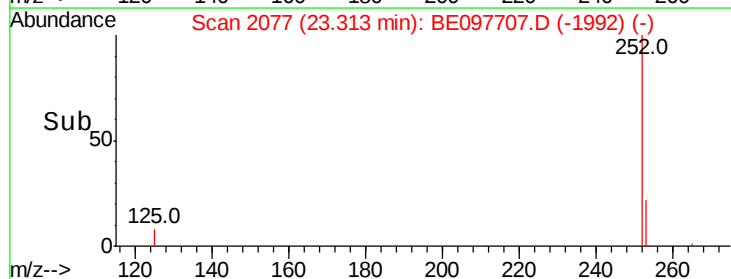
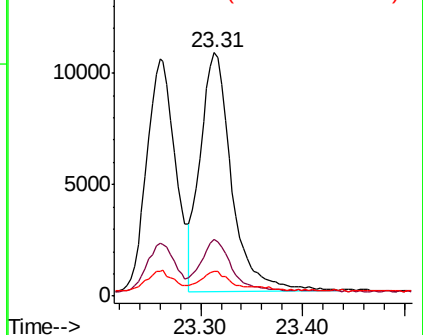
125 9.9 7.5 11.3

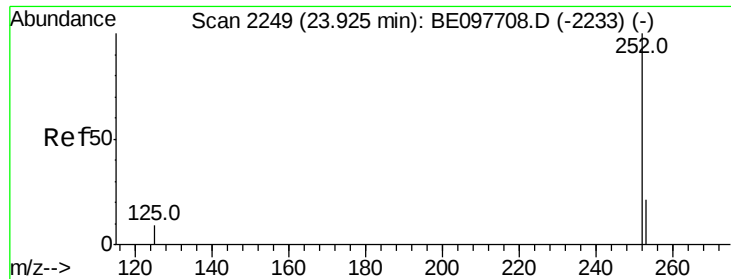


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.172 ng

RT: 23.93 min Scan# 2249

Delta R.T. 0.00 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

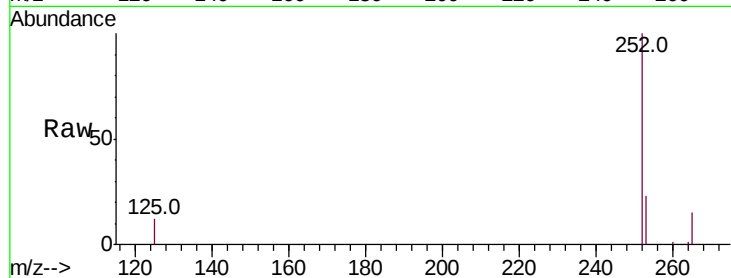
Tot Ion:252 Resp: 18576

Ion Ratio Lower Upper

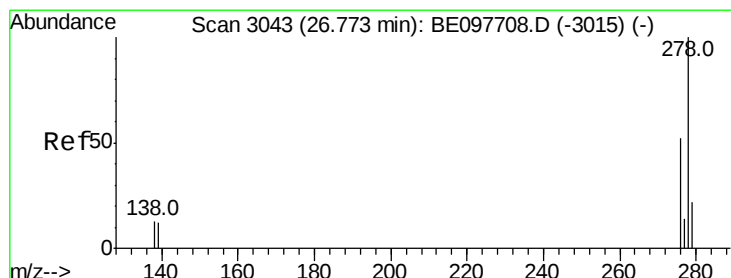
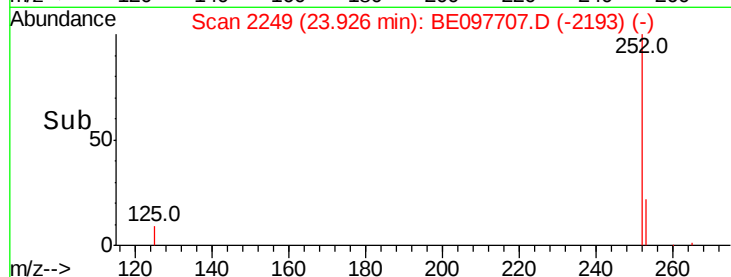
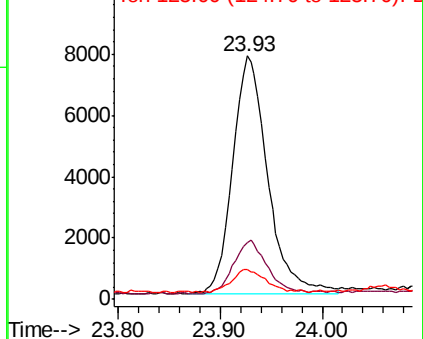
252 100

253 23.5 17.7 26.5

125 12.2 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.149 ng

RT: 26.77 min Scan# 3043

Delta R.T. 0.00 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

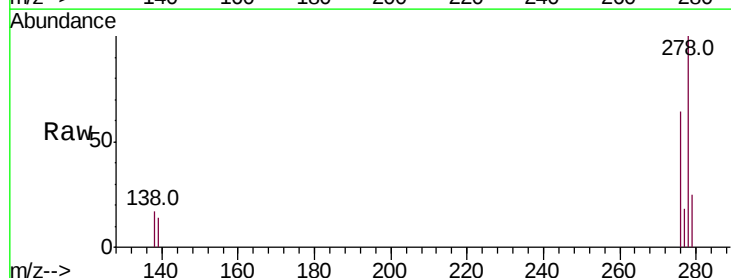
Tgt Ion:278 Resp: 17501

Ion Ratio Lower Upper

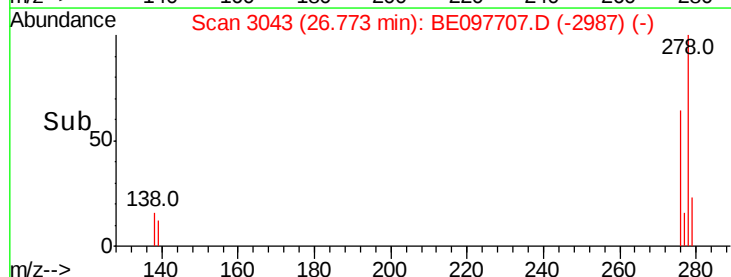
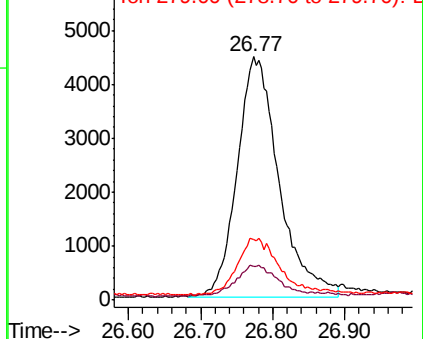
278 100

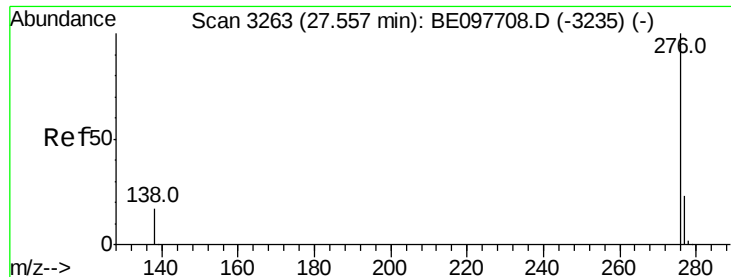
139 13.9 10.3 15.5

279 25.1 18.4 27.6



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: 0.161 ng

RT: 27.56 min Scan# 3265

Delta R.T. 0.01 min

Lab File: BE097707.D

Acq: 3 Oct 2018 9:04

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

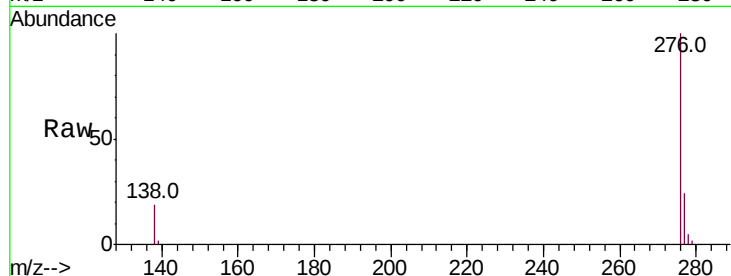
Tot Ion:276 Resp: 19104

Ion Ratio Lower Upper

276 100

277 24.2 19.1 28.7

138 18.7 14.2 21.2



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

