

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100318\
 Data File : BE097711.D
 Acq On : 3 Oct 2018 11:33
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Oct 03 12:16:09 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	5657	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	24029	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	14477	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	37300	0.40	ng	0.00
27) Chrysene-d12	21.49	240	51035	0.40	ng	0.00
34) Perylene-d12	24.04	264	43064	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	44008	3.15	ng	0.00
5) Phenol-d6	7.04	99	66858	3.47	ng	0.00
8) Nitrobenzene-d5	9.04	82	28138	1.65	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	124086	3.32	ng	0.00
14) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng	
15) 2-Fluorobiphenyl	13.17	172	183949	3.02	ng	-0.01
25) Fluoranthene-d10	19.33	212	1632939	3.61	ng	0.00
29) Terphenyl-d14	19.93	244	334640	3.04	ng	0.00

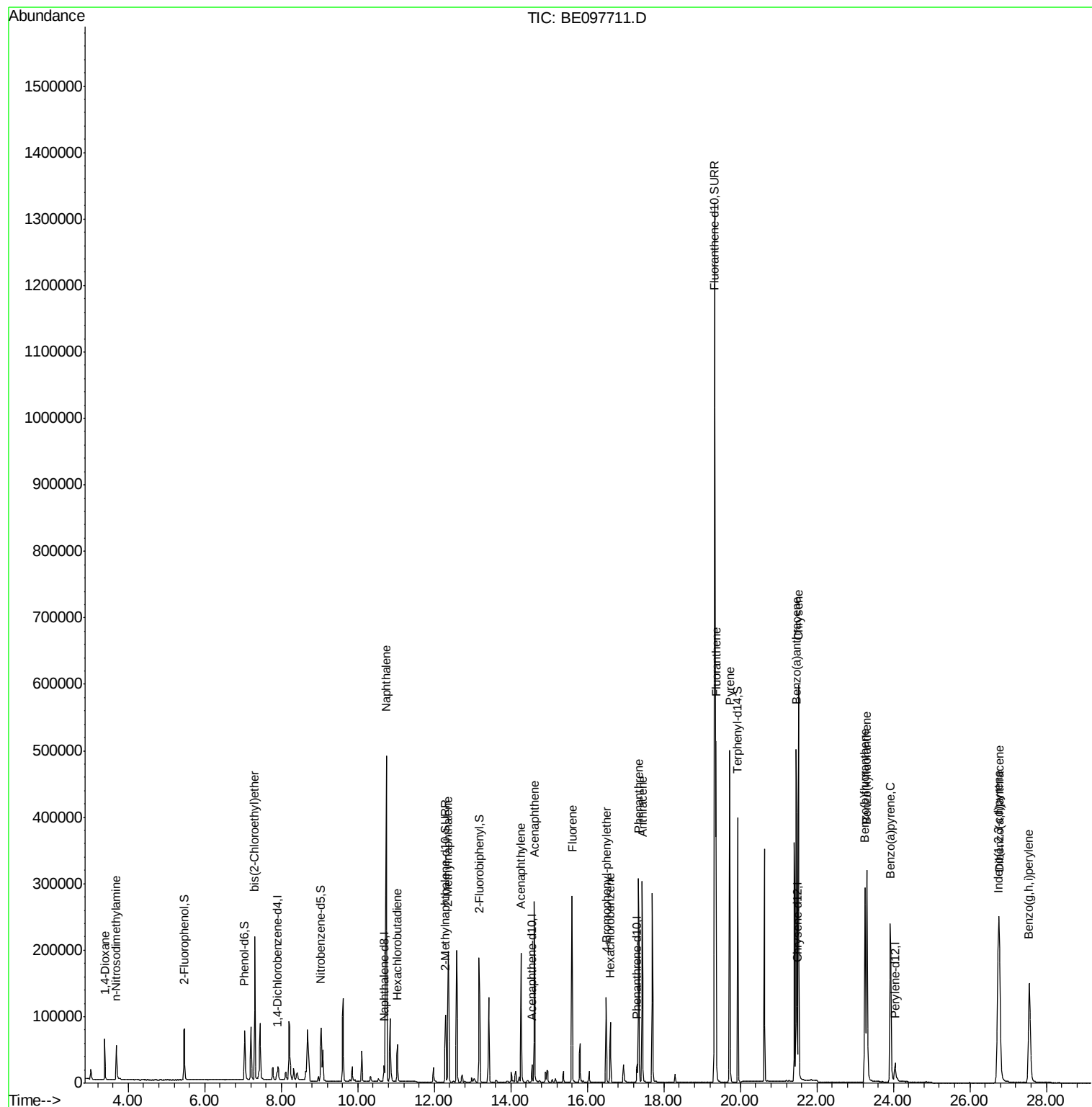
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	34029	2.886	ng	96
3) n-Nitrosodimethylamine	3.69	42	35554	5.018	ng	# 86
6) bis(2-Chloroethyl)ether	7.31	93	67781	3.591	ng	99
9) Naphthalene	10.74	128	767616	3.234	ng	100
10) Hexachlorobutadiene	11.04	225	39770	3.585	ng	99
12) 2-Methylnaphthalene	12.37	142	130884	3.608	ng	100
16) Acenaphthylene	14.27	152	216862	3.510	ng	99
17) Acenaphthene	14.62	154	134132	3.226	ng	96
18) Fluorene	15.60	166	181746	3.420	ng	99
20) 4-Bromophenyl-phenylether	16.50	248	66964	3.522	ng	92
21) Hexachlorobenzene	16.60	284	70487	3.296	ng	99
23) Phenanthrene	17.34	178	313217	3.247	ng	100
24) Anthracene	17.43	178	295734	3.728	ng	100
26) Fluoranthene	19.36	202	427749	3.573	ng	99
28) Pyrene	19.72	202	431273	3.247	ng	100
30) Benzo(a)anthracene	21.46	228	485135	3.843	ng	97
31) Chrysene	21.52	228	490480	3.106	ng	99
33) Indeno(1,2,3-cd)pyrene	26.73	276	464453	2.786	ng	98
35) Benzo(b)fluoranthene	23.26	252	420270	3.377	ng	99
36) Benzo(k)fluoranthene	23.31	252	469799	3.272	ng	99
37) Benzo(a)pyrene	23.92	252	395181	3.311	ng	99
38) Dibenzo(a,h)anthracene	26.77	278	396606	3.062	ng	99
39) Benzo(g,h,i)perylene	27.55	276	392634	2.989	ng	99

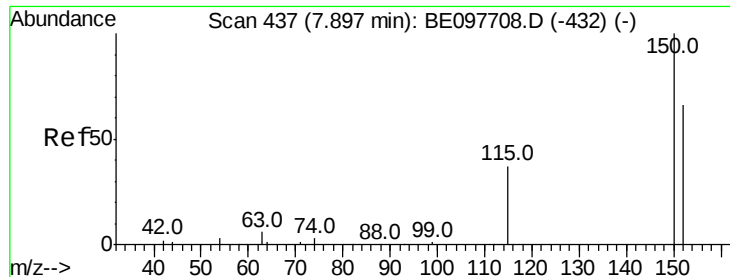
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE097711.D

Acq: 3 Oct 2018 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

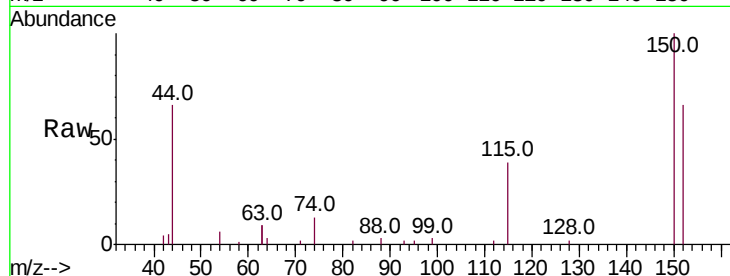
Tot Ion:152 Resp: 5657

Ion Ratio Lower Upper

152 100

150 151.0 120.9 181.3

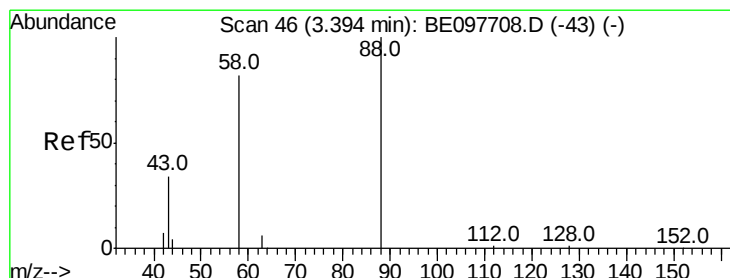
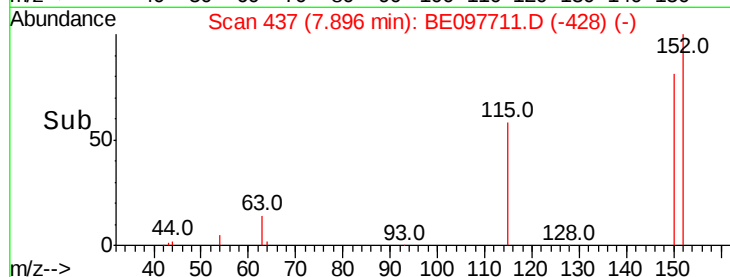
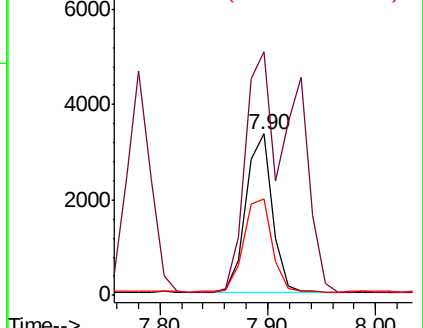
115 59.5 46.6 69.8



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: 2.886 ng

RT: 3.39 min Scan# 46

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

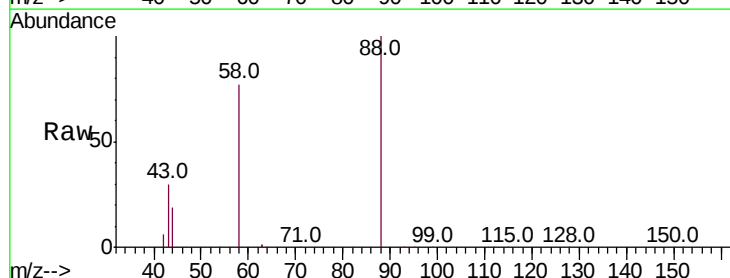
Tgt Ion: 88 Resp: 34029

Ion Ratio Lower Upper

88 100

58 86.9 70.8 106.2

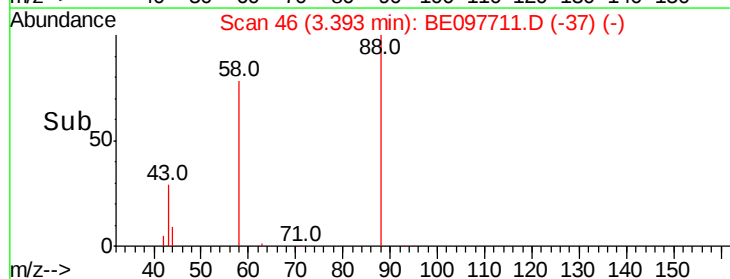
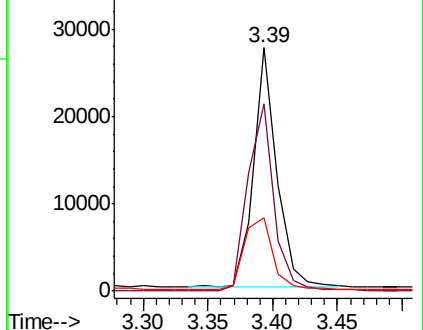
43 36.6 33.3 49.9

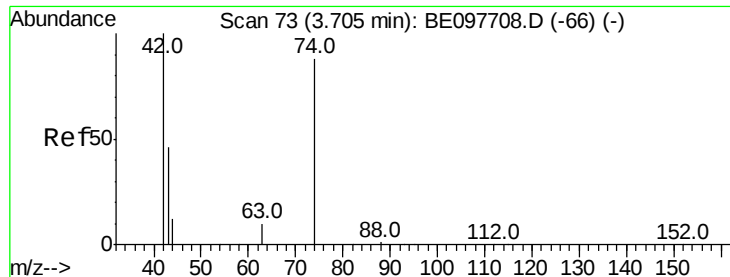


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 5.018 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.01 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

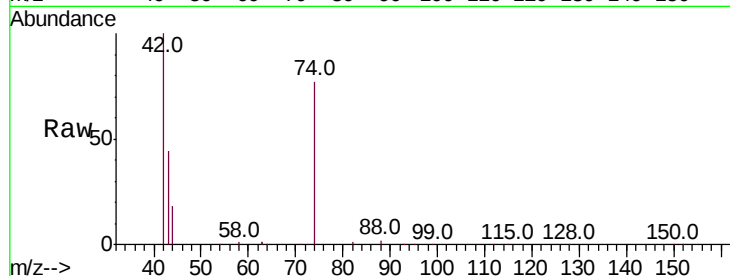
Tot Ion: 42 Resp: 35554

Ion Ratio Lower Upper

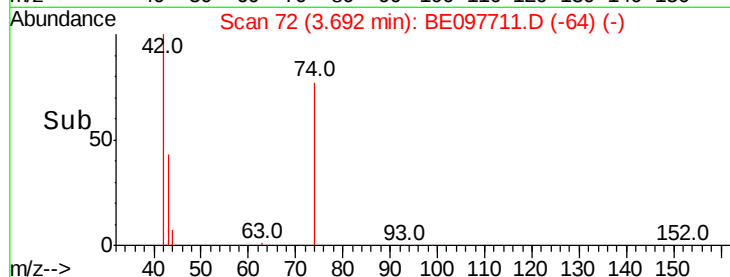
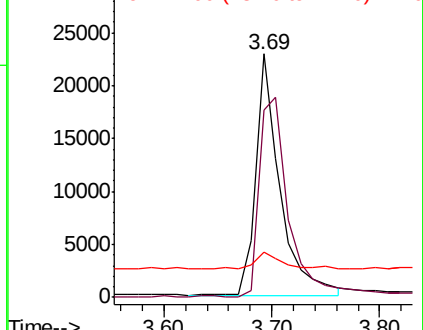
42 100

74 99.1 70.7 106.1

44 8.1 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: 3.148 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

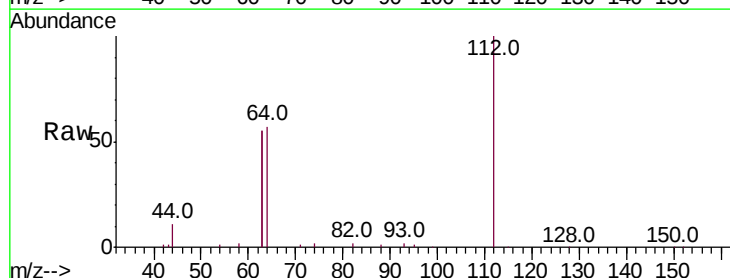
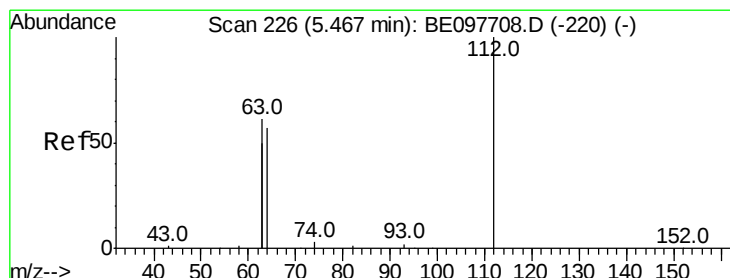
Tgt Ion: 112 Resp: 44008

Ion Ratio Lower Upper

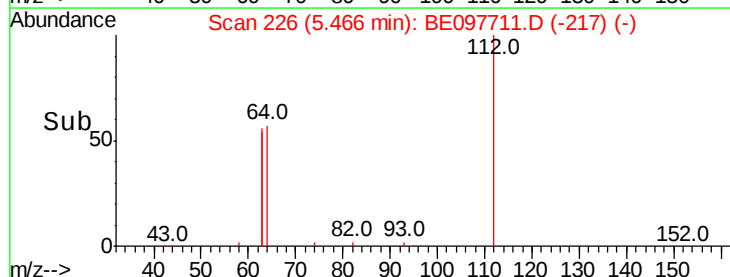
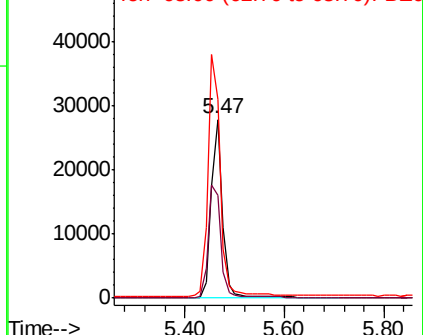
112 100

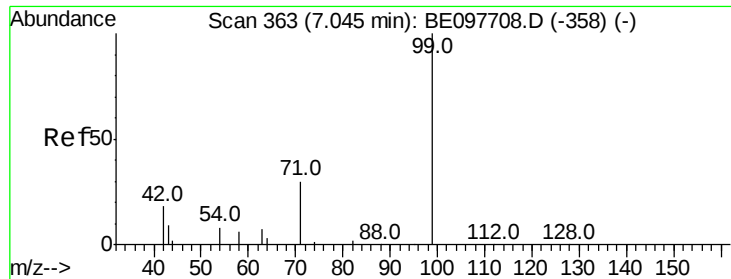
64 70.6 56.6 84.8

63 145.6 119.4 179.0



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: 3.469 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

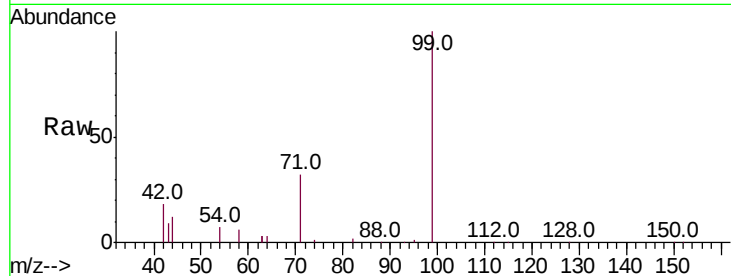
Tot Ion: 99 Resp: 66858

Ion Ratio Lower Upper

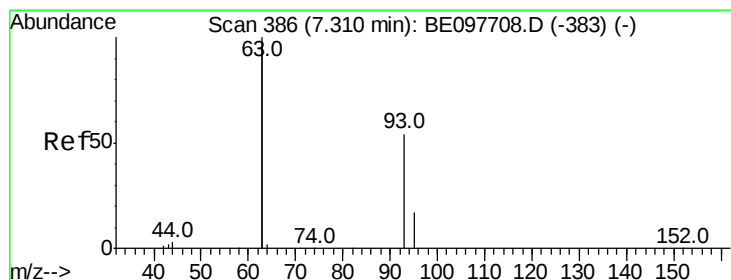
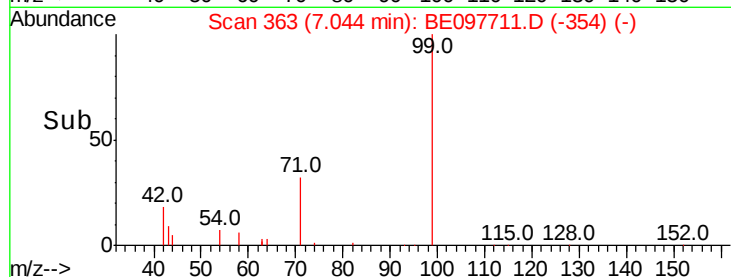
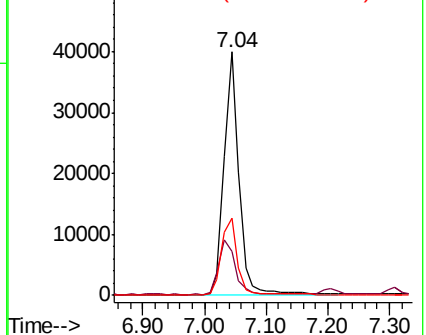
99 100

42 25.2 19.9 29.9

71 33.8 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: 3.591 ng

RT: 7.31 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

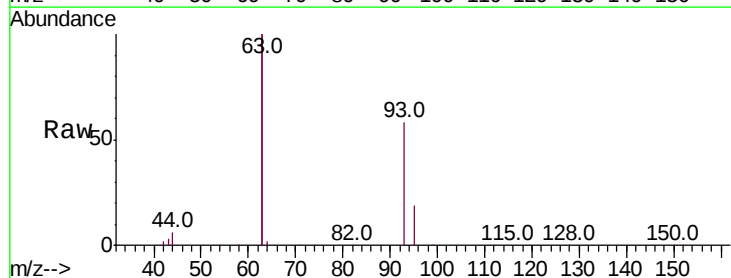
Tgt Ion: 93 Resp: 67781

Ion Ratio Lower Upper

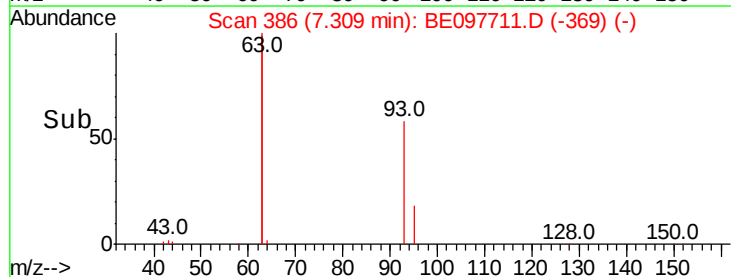
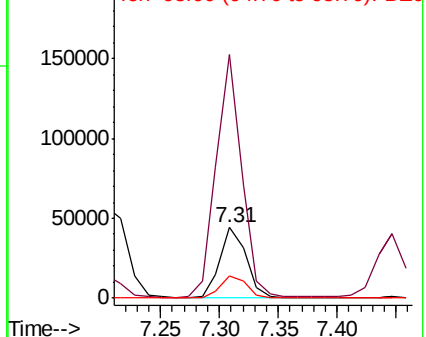
93 100

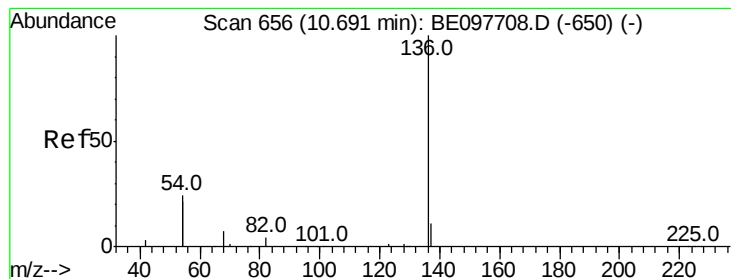
63 335.4 266.9 400.3

95 32.2 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: BE097711.D

Acq: 3 Oct 2018 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 24029

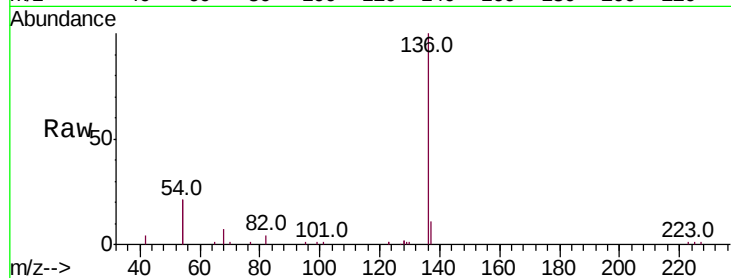
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 41.2 37.8 56.6

68 7.1 6.4 9.6

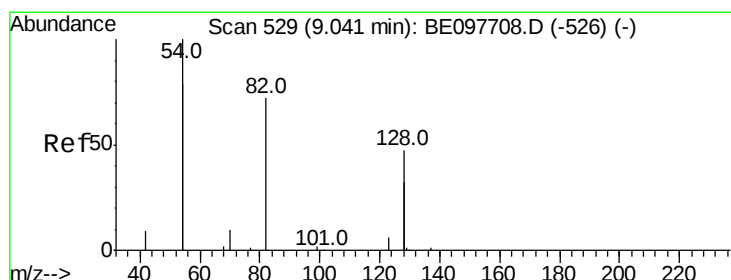
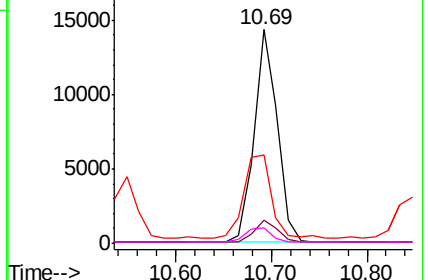
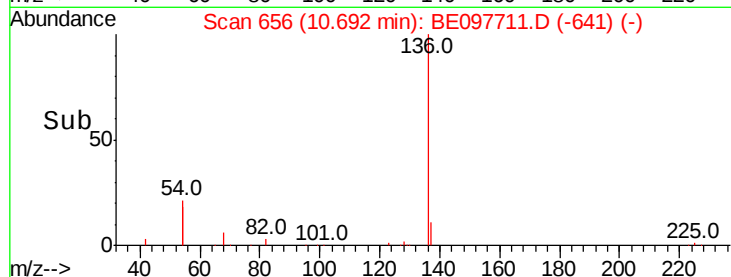


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.652 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

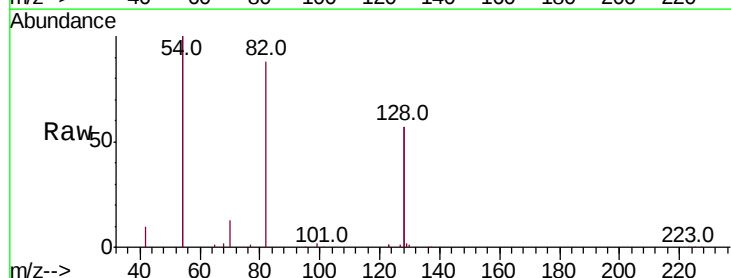
Tgt Ion: 82 Resp: 28138

Ion Ratio Lower Upper

82 100

128 128.6 97.0 145.4

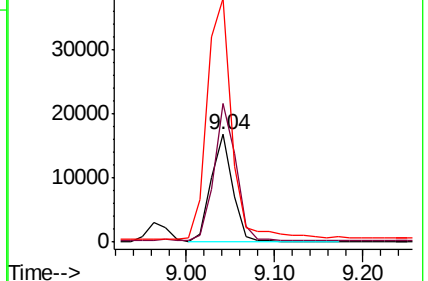
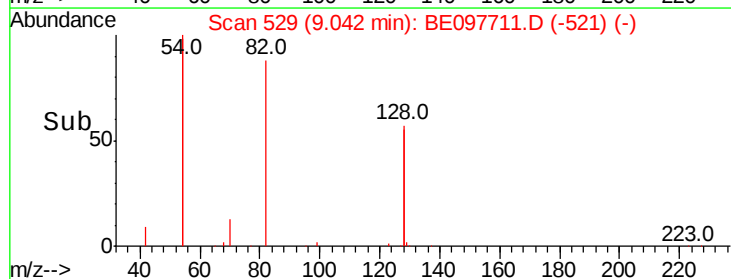
54 226.4 206.9 310.3

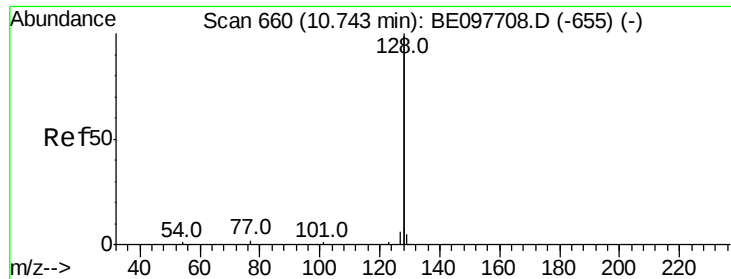


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.234 ng

RT: 10.74 min Scan# 660

Delta R.T. 0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

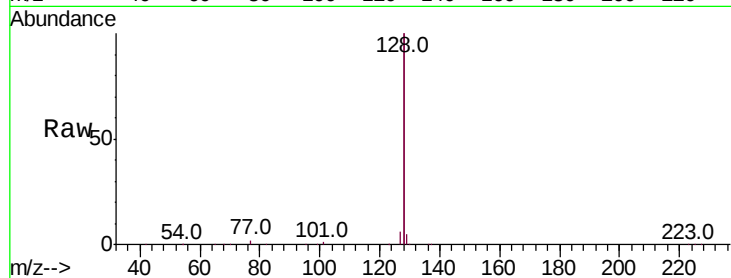
Tot Ion:128 Resp: 767616

Ion Ratio Lower Upper

128 100

129 2.7 2.2 3.2

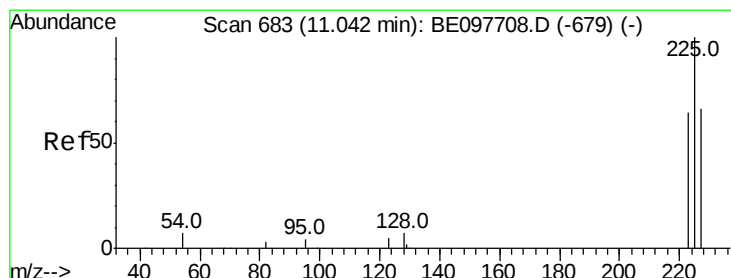
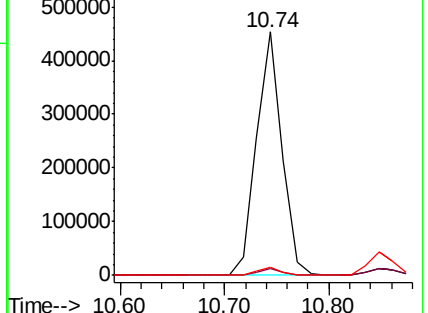
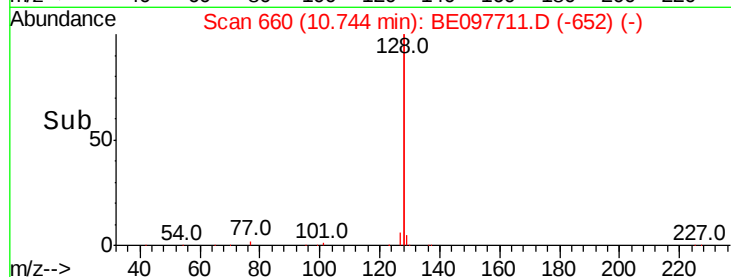
127 3.2 2.7 4.1



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: 3.585 ng

RT: 11.04 min Scan# 683

Delta R.T. 0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

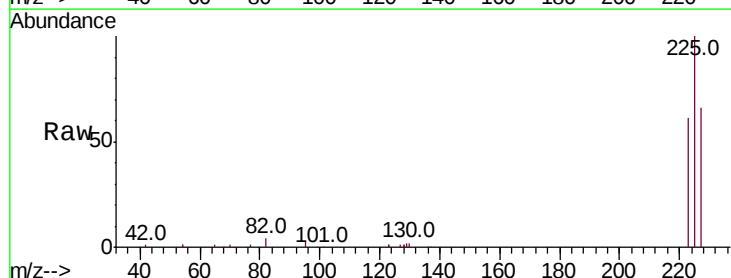
Tgt Ion:225 Resp: 39770

Ion Ratio Lower Upper

225 100

223 63.3 52.2 78.4

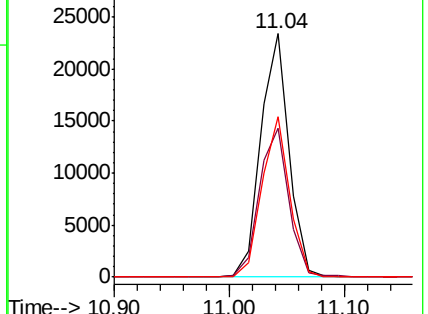
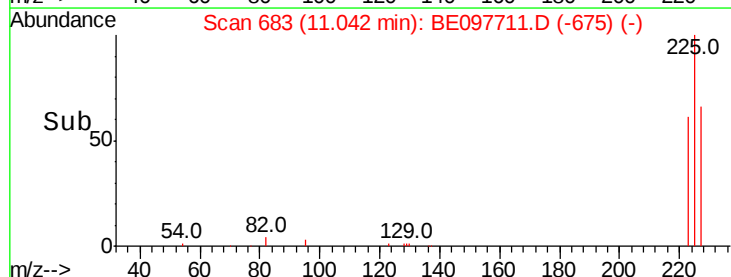
227 63.9 51.2 76.8

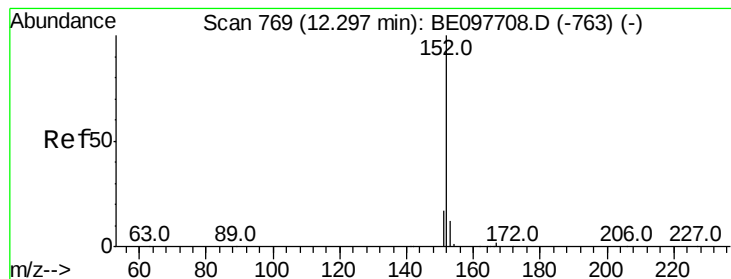


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.323 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

Instrument :

BNA_E

ClientSampleId :

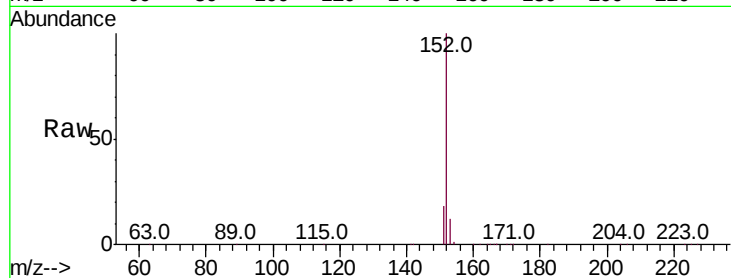
SSTDICC3.2

Tot Ion:152 Resp: 124086

Ion Ratio Lower Upper

152 100

151 19.4 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

80000

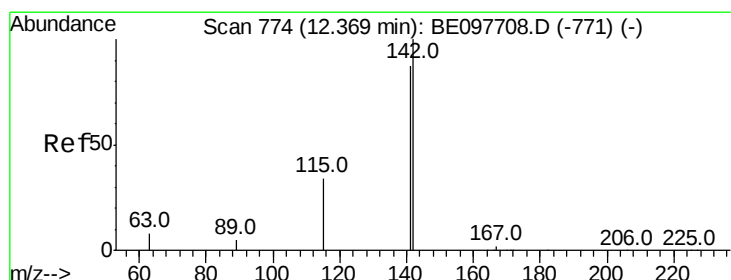
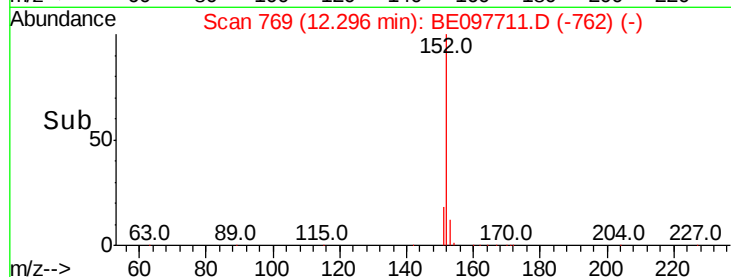
60000

40000

20000

0

Time--> 12.20 12.30 12.40



#12

2-Methylnaphthalene

Concen: 3.608 ng

RT: 12.37 min Scan# 774

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

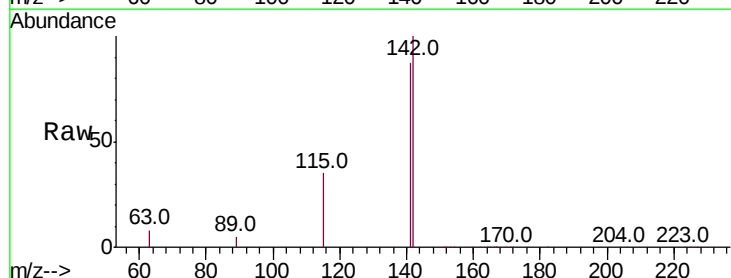
Tgt Ion:142 Resp: 130884

Ion Ratio Lower Upper

142 100

141 87.2 69.4 104.2

115 35.2 28.0 42.0



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

100000

80000

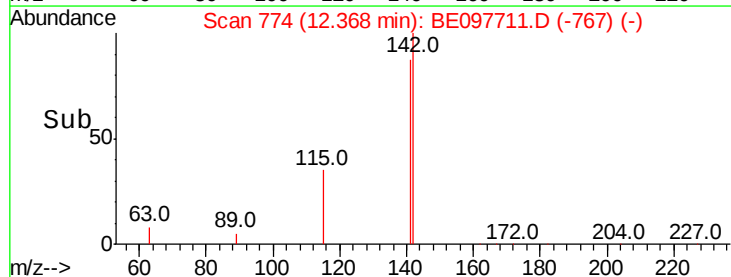
60000

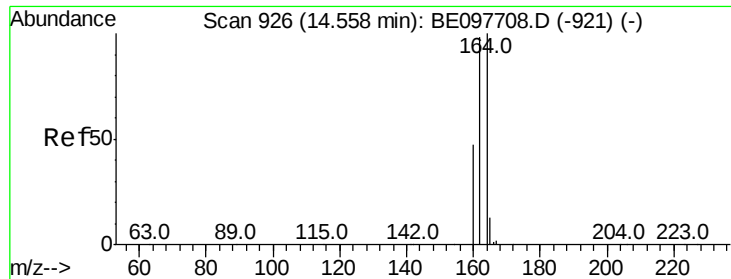
40000

20000

0

Time--> 12.30 12.35 12.40





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

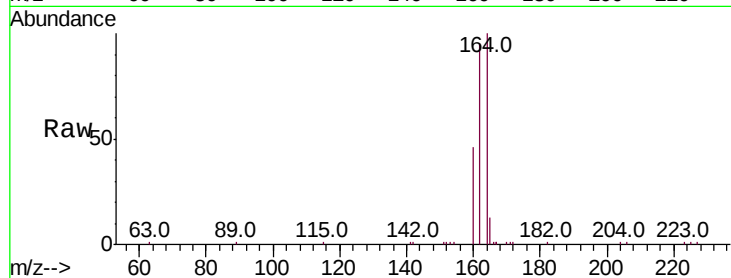
Tot Ion:164 Resp: 14477

Ion Ratio Lower Upper

164 100

162 94.7 78.6 117.8

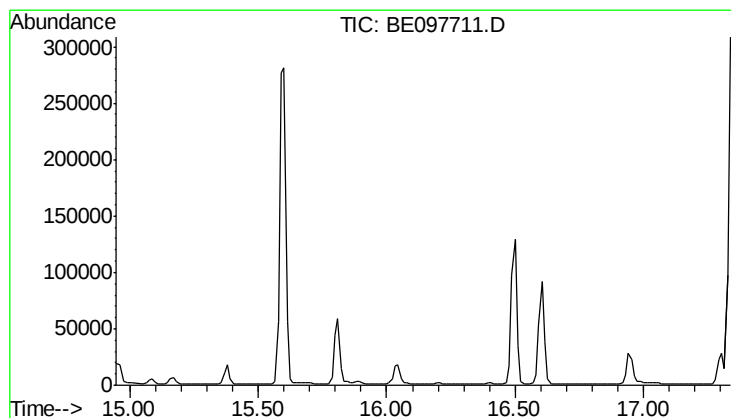
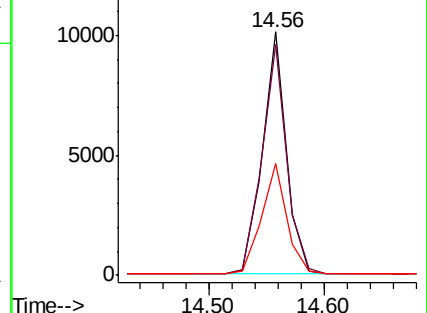
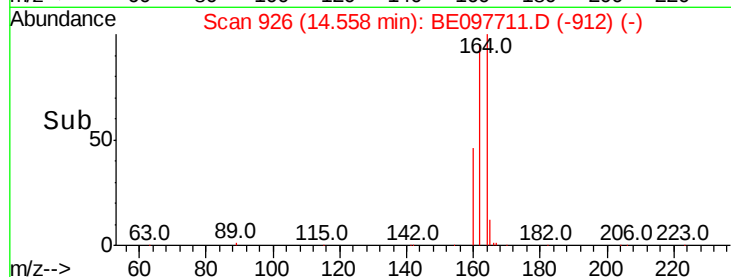
160 46.1 37.8 56.6



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: 0.000 ng

Expected RT: 16.04 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

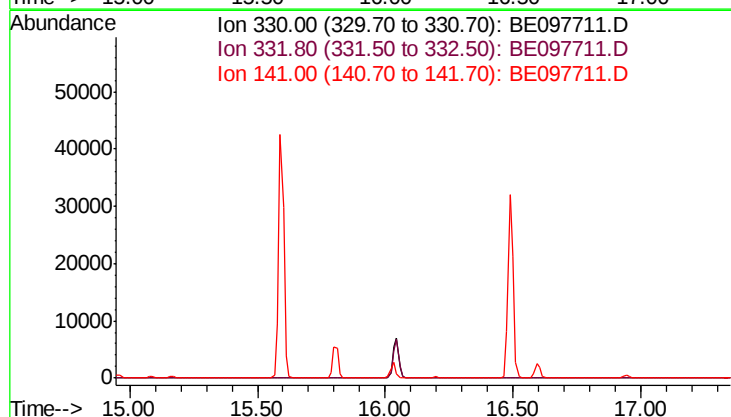
Tgt Ion: 330

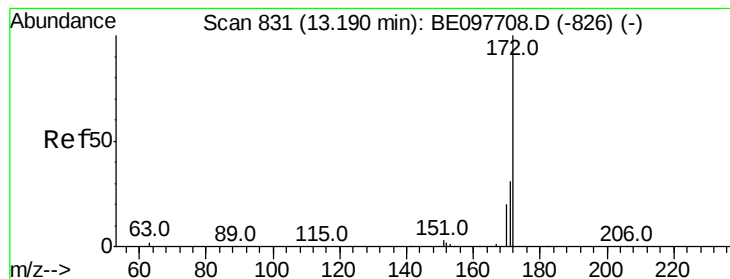
Sig Exp Ratio

330 100

332 104.4

141 43.6





#15

2-Fluorobiphenyl

Concen: 3.025 ng

RT: 13.17 min Scan# 830

Delta R.T. -0.01 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

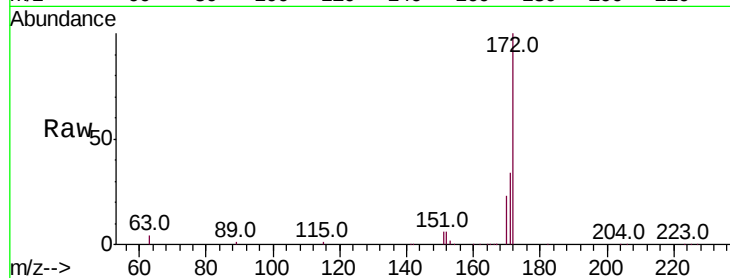
Tot Ion:172 Resp: 183949

Ion Ratio Lower Upper

172 100

171 33.7 25.2 37.8

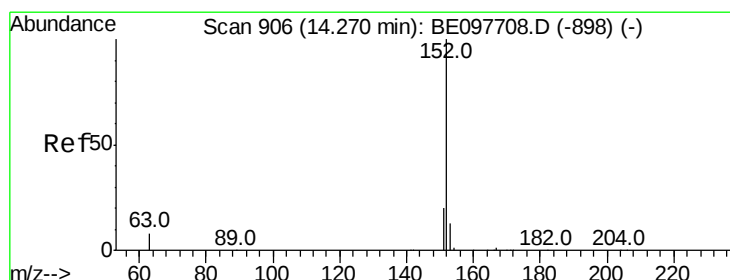
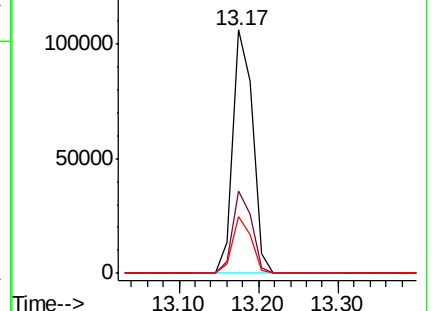
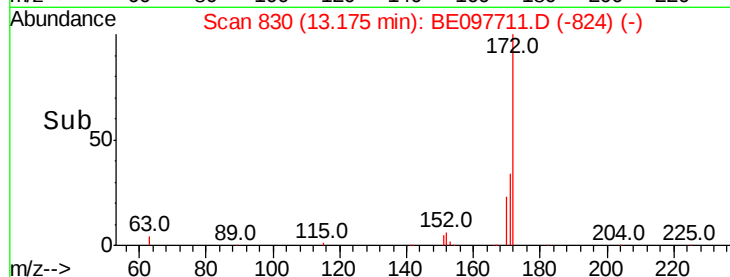
170 23.3 16.2 24.2



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: 3.510 ng

RT: 14.27 min Scan# 906

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

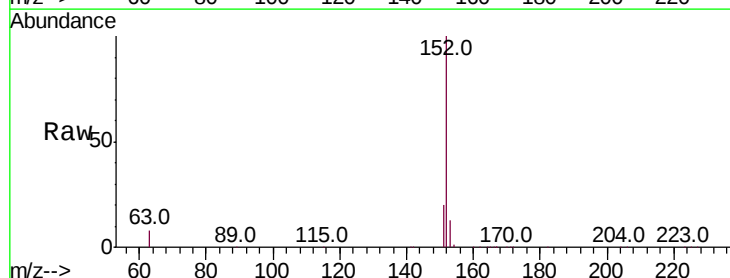
Tgt Ion:152 Resp: 216862

Ion Ratio Lower Upper

152 100

151 19.8 15.3 22.9

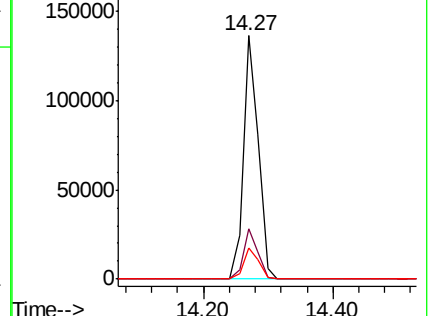
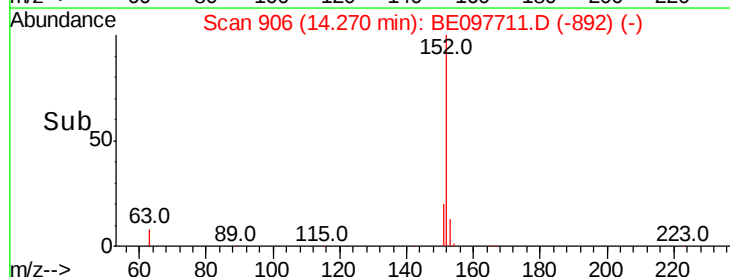
153 13.0 10.8 16.2

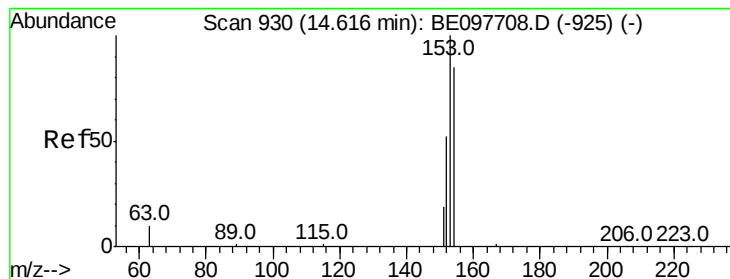


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 3.226 ng

RT: 14.62 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

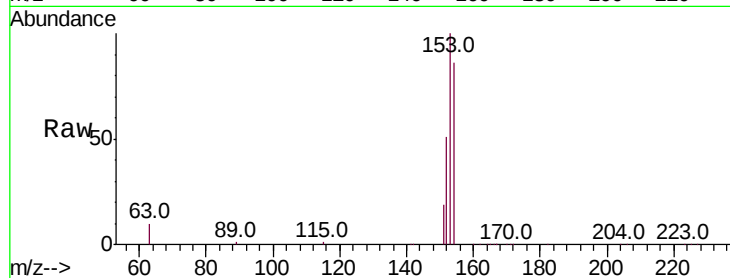
Tot Ion:154 Resp: 134132

Ion Ratio Lower Upper

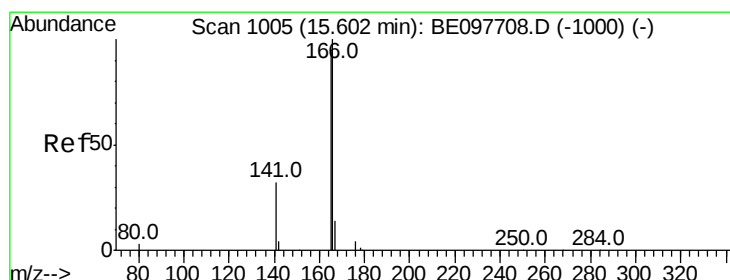
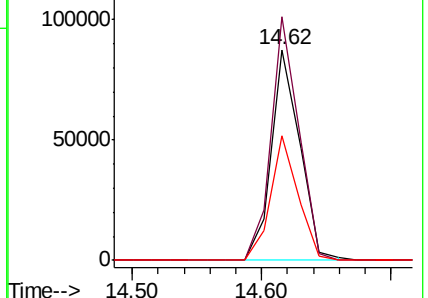
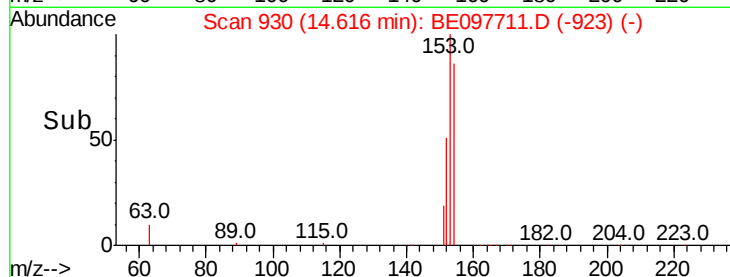
154 100

153 112.2 93.3 139.9

152 57.0 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: 3.420 ng

RT: 15.60 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

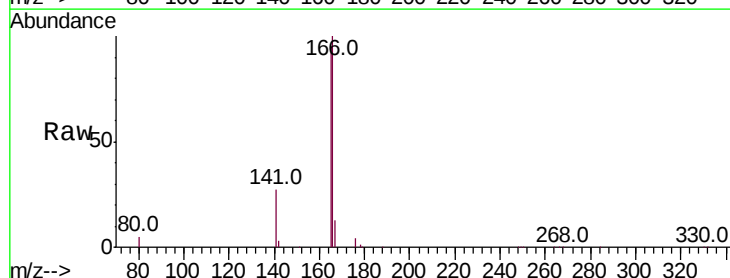
Tgt Ion:166 Resp: 181746

Ion Ratio Lower Upper

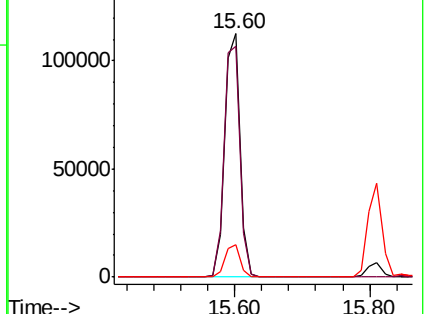
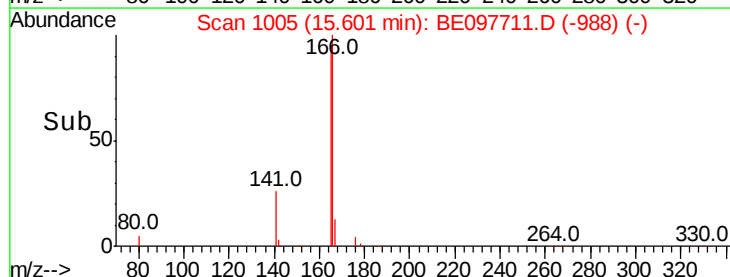
166 100

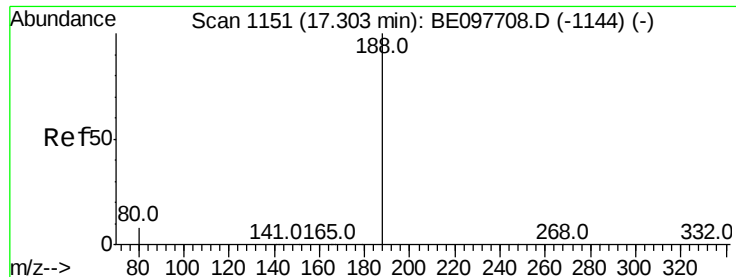
165 97.9 79.0 118.4

167 13.3 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: BE097711.D

Acq: 3 Oct 2018 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

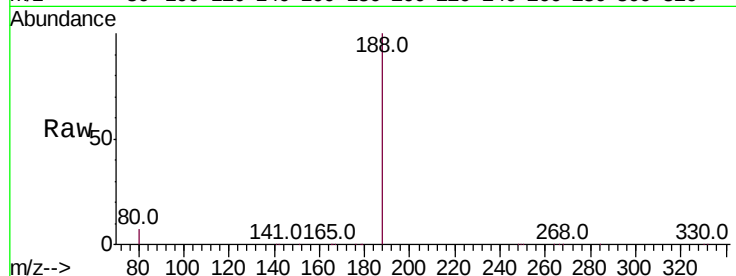
Tot Ion:188 Resp: 37300

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

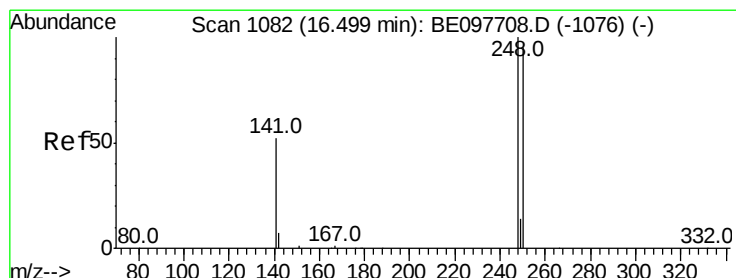
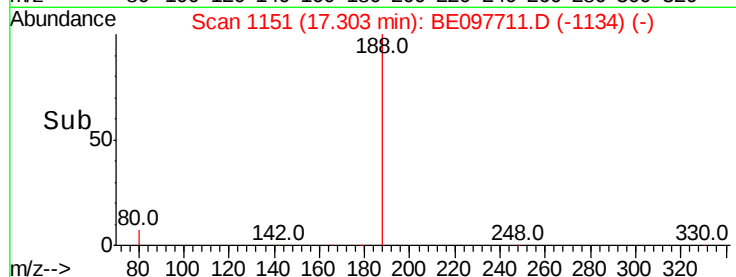
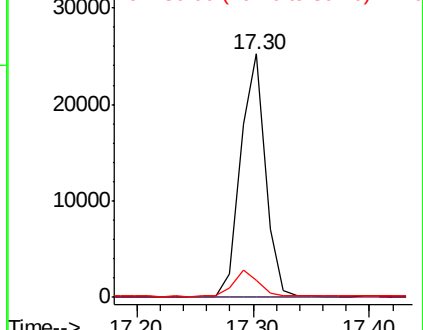
80 7.2 6.6 9.8



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: 3.522 ng

RT: 16.50 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

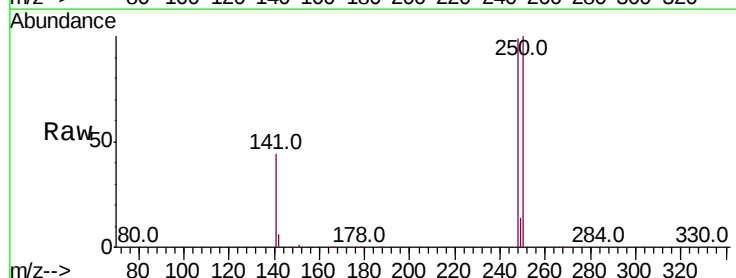
Tgt Ion:248 Resp: 66964

Ion Ratio Lower Upper

248 100

250 101.5 76.1 114.1

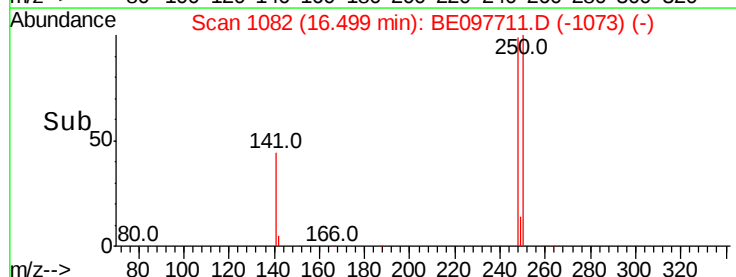
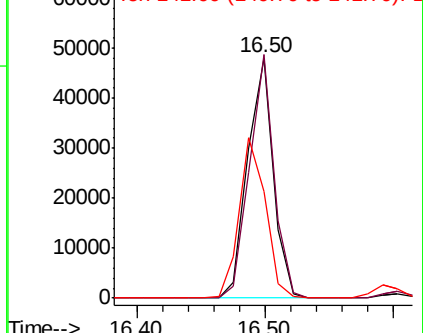
141 44.4 42.2 63.4

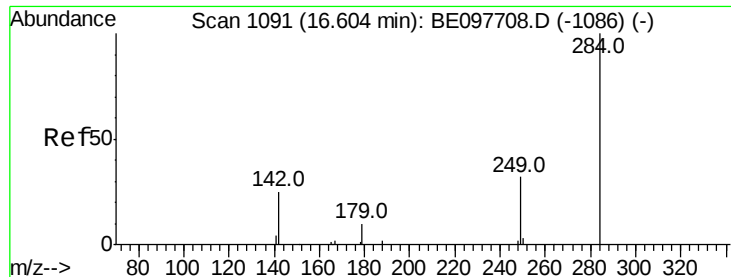


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

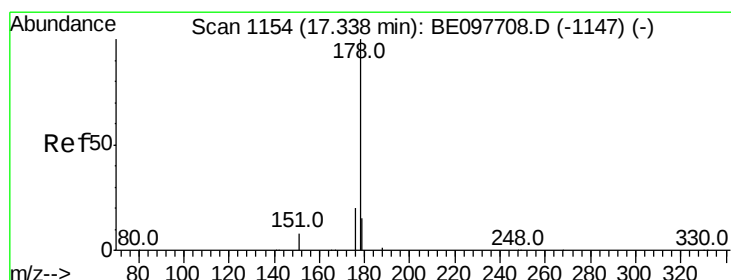
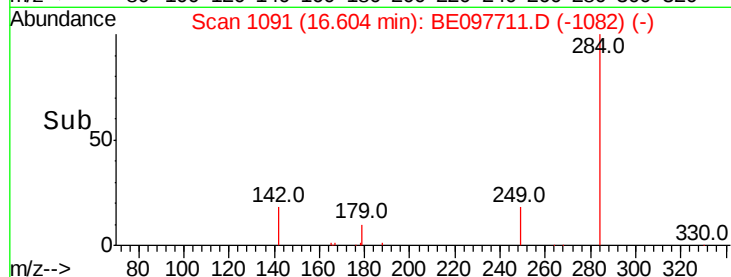
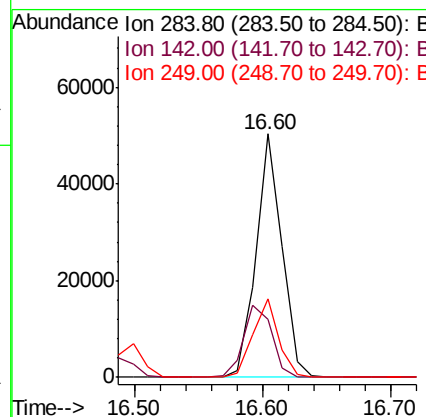
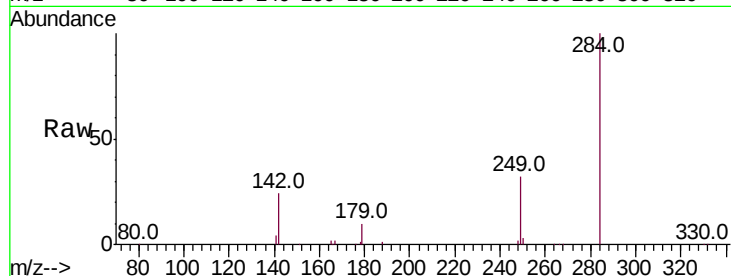




#21
Hexachlorobenzene
Concen: 3.296 ng
RT: 16.60 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE097711.D
Acq: 3 Oct 2018 11:33

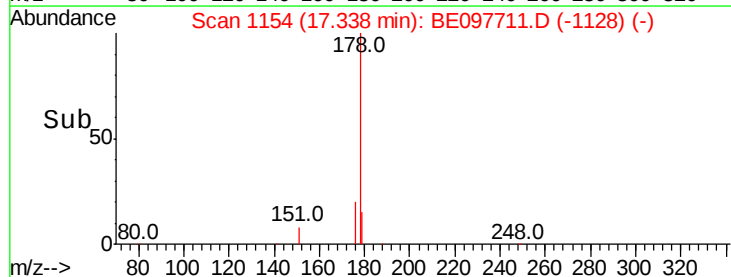
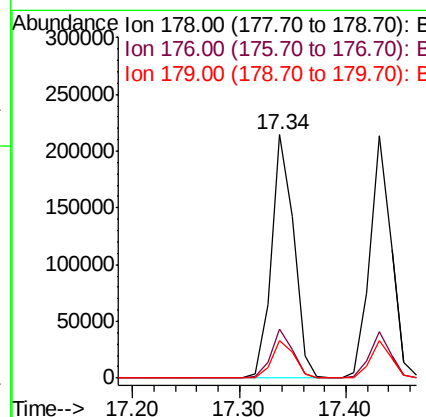
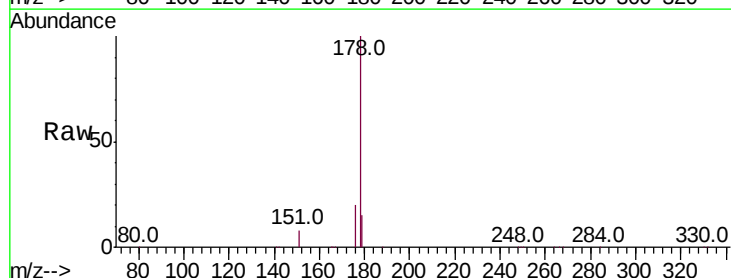
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

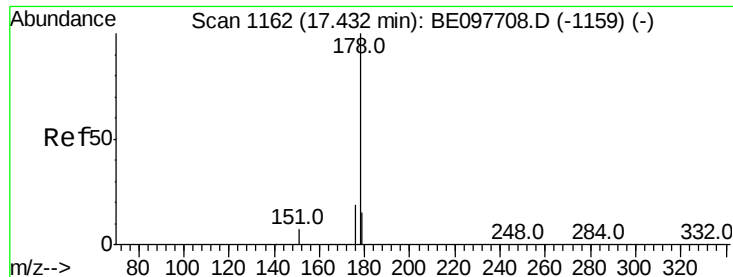
Tot Ion:284 Resp: 70487
Ion Ratio Lower Upper
284 100
142 32.2 24.9 37.3
249 31.7 25.8 38.8



#23
Phenanthrene
Concen: 3.247 ng
RT: 17.34 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097711.D
Acq: 3 Oct 2018 11:33

Tgt Ion:178 Resp: 313217
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.4 12.2 18.4





#24

Anthracene

Concen: 3.728 ng

RT: 17.43 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

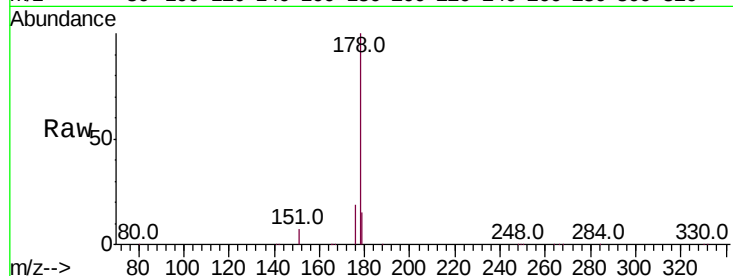
Tot Ion:178 Resp: 295734

Ion Ratio Lower Upper

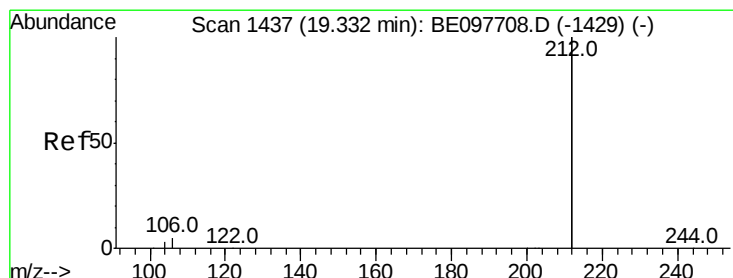
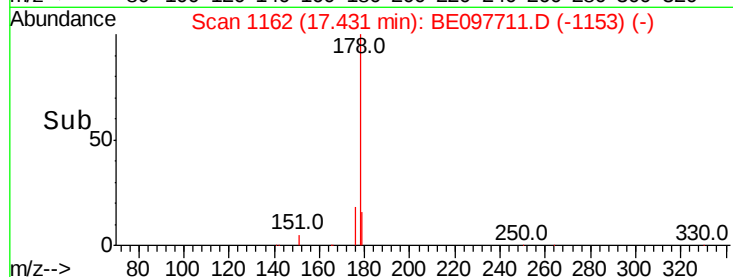
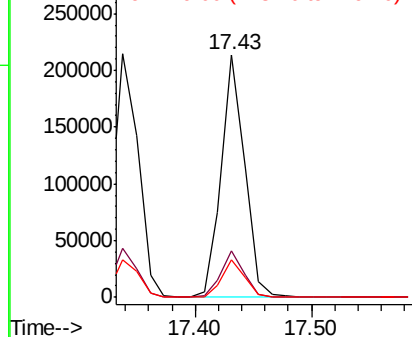
178 100

176 18.8 15.1 22.7

179 15.3 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: 3.611 ng

RT: 19.33 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

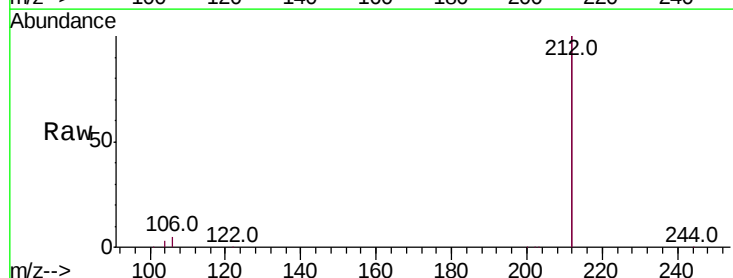
Tgt Ion:212 Resp: 1632939

Ion Ratio Lower Upper

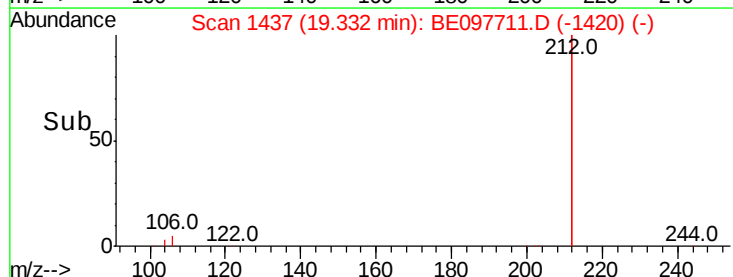
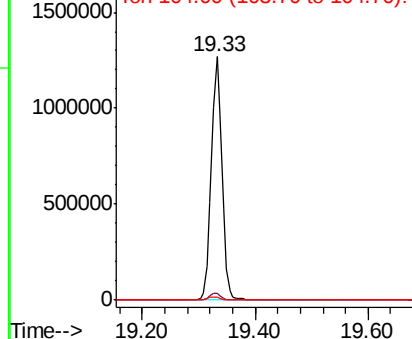
212 100

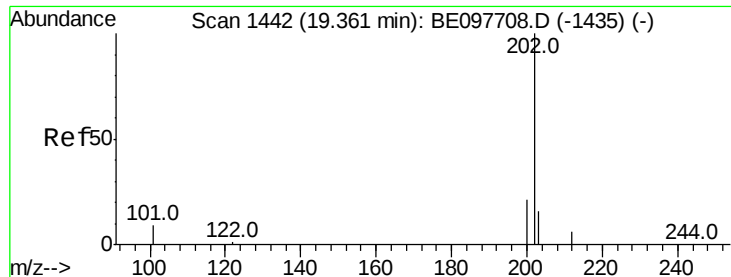
106 2.8 2.2 3.2

104 1.5 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

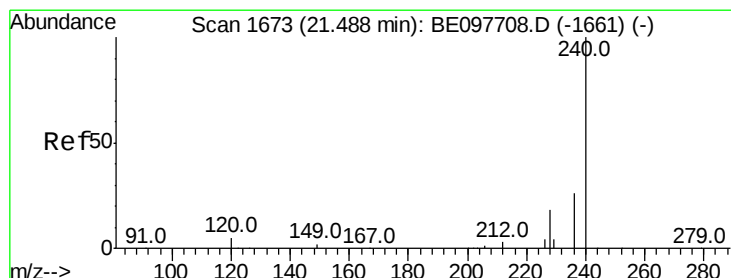
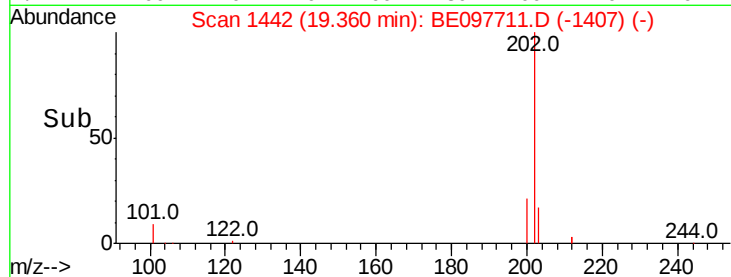
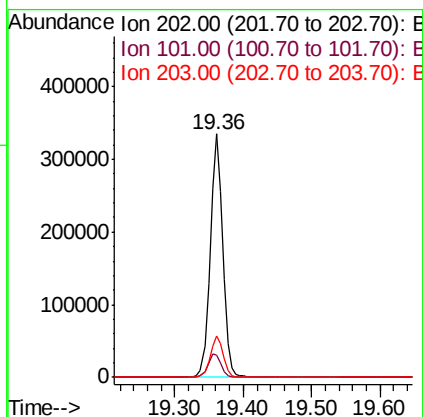
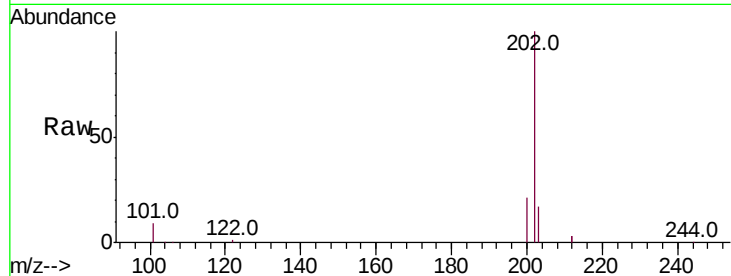




#26
 Fluoranthene
 Concen: 3.573 ng
 RT: 19.36 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BE097711.D
 Acq: 3 Oct 2018 11:33

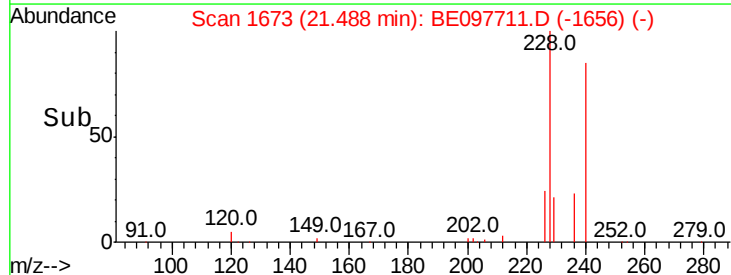
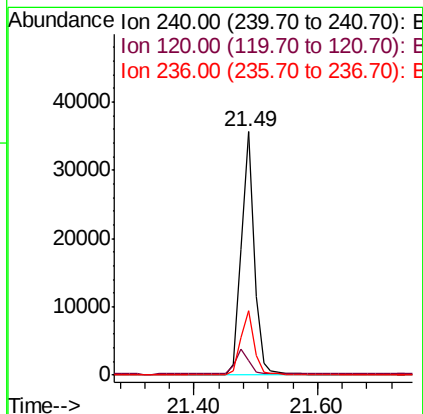
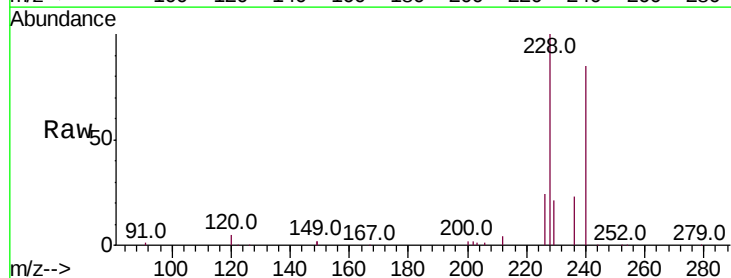
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

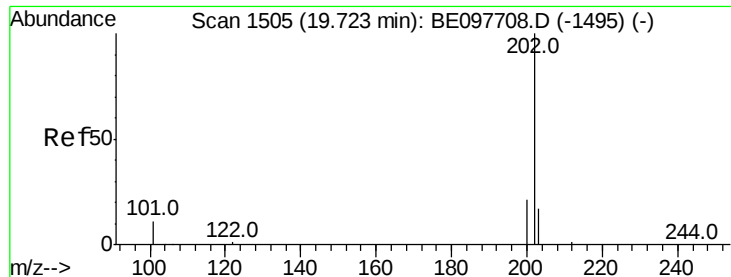
Tot Ion:202 Resp: 427749
 Ion Ratio Lower Upper
 202 100
 101 10.2 7.8 11.8
 203 17.3 13.8 20.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.49 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BE097711.D
 Acq: 3 Oct 2018 11:33

Tgt Ion:240 Resp: 51035
 Ion Ratio Lower Upper
 240 100
 120 6.0 4.7 7.1
 236 26.7 20.8 31.2





#28

Pvrene

Concen: 3.247 ng

RT: 19.72 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

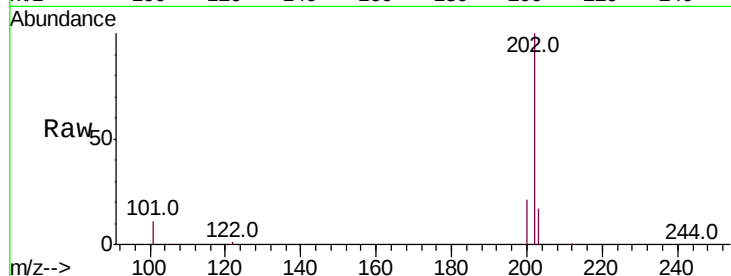
Tot Ion:202 Resp: 431273

Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

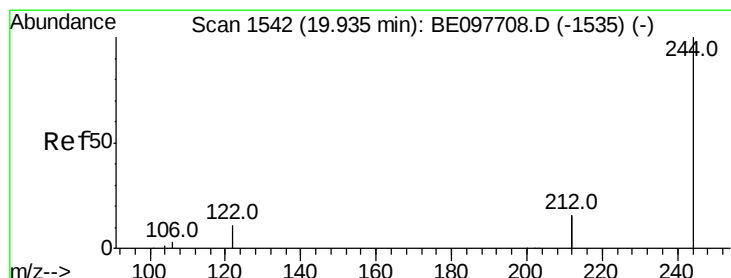
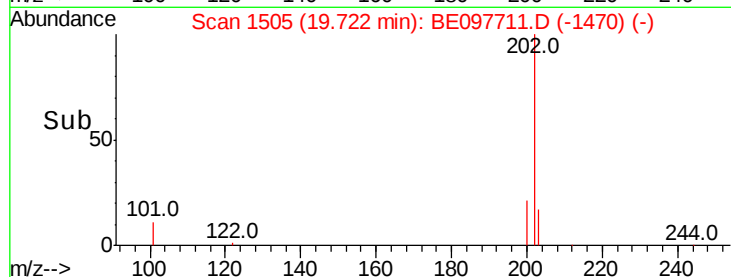
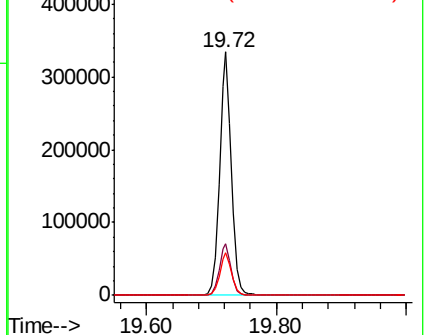
203 17.5 13.9 20.9



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: 3.036 ng

RT: 19.93 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

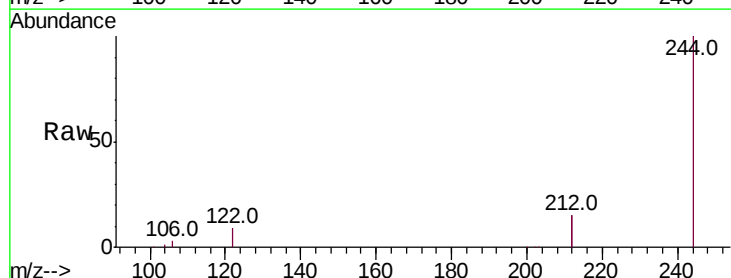
Tgt Ion:244 Resp: 334640

Ion Ratio Lower Upper

244 100

212 30.9 25.8 38.8

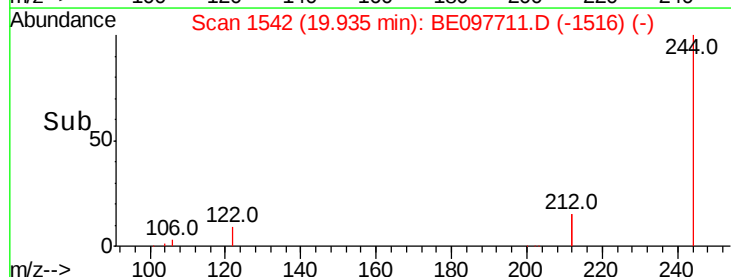
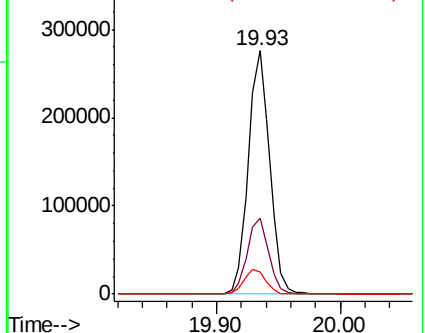
122 9.2 8.7 13.1

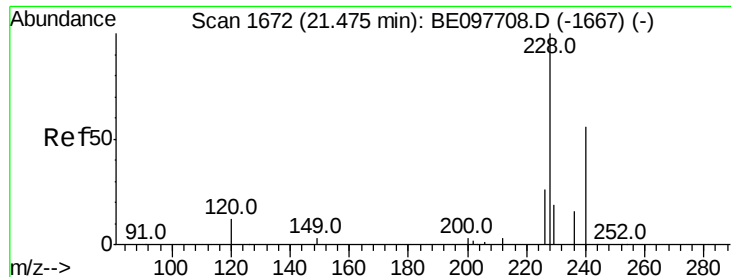


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

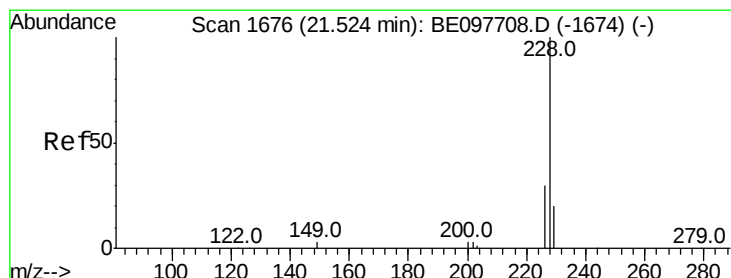
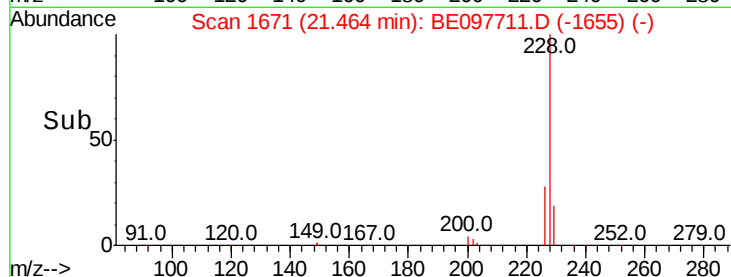
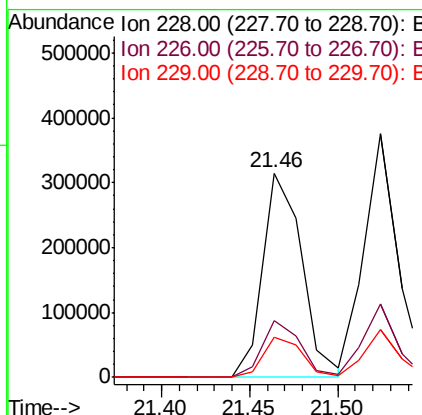
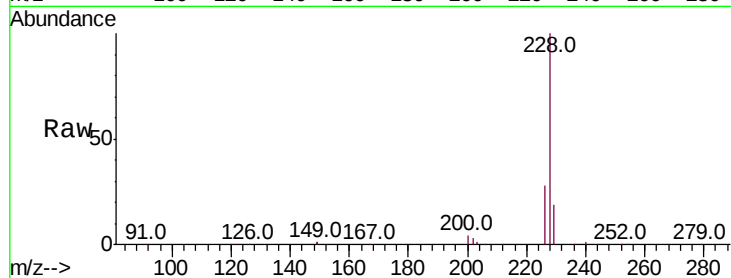




#30
Benzo(a)anthracene
Concen: 3.843 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BE097711.D
Acq: 3 Oct 2018 11:33

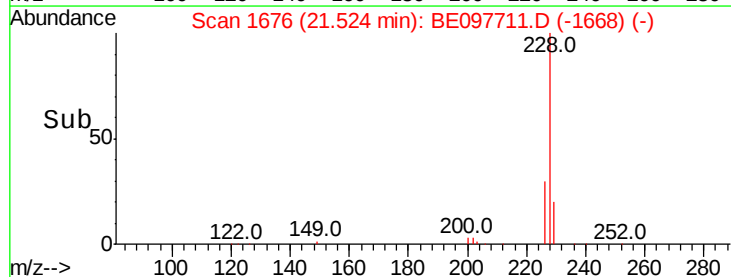
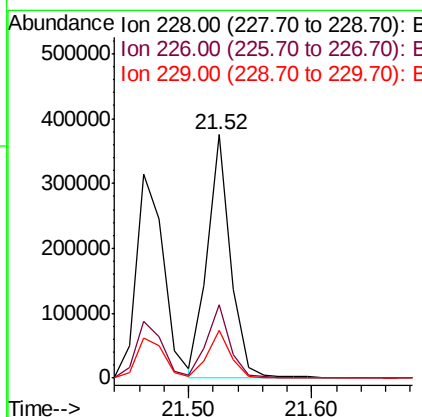
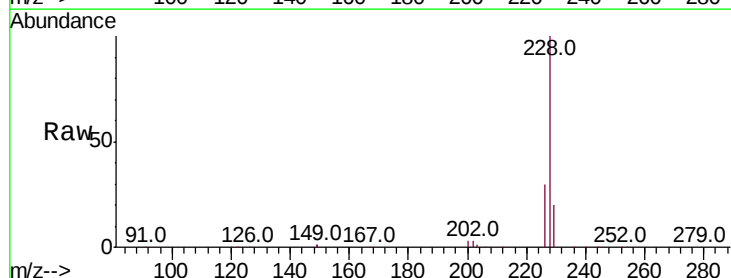
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

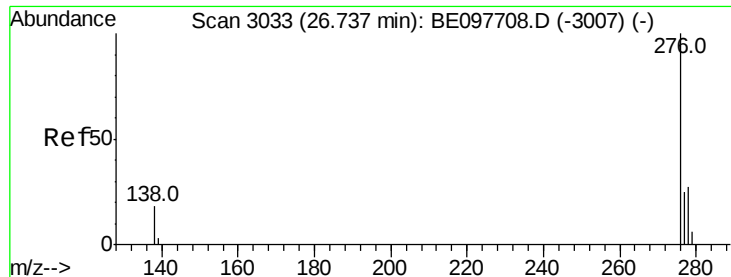
Tot Ion:228 Resp: 485135
Ion Ratio Lower Upper
228 100
226 28.0 20.7 31.1
229 19.3 15.7 23.5



#31
Chrysene
Concen: 3.106 ng
RT: 21.52 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BE097711.D
Acq: 3 Oct 2018 11:33

Tgt Ion:228 Resp: 490480
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 19.8 16.0 24.0





#33

Indeno(1,2,3-cd)pyrene

Concen: 2.786 ng

RT: 26.73 min Scan# 3032

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

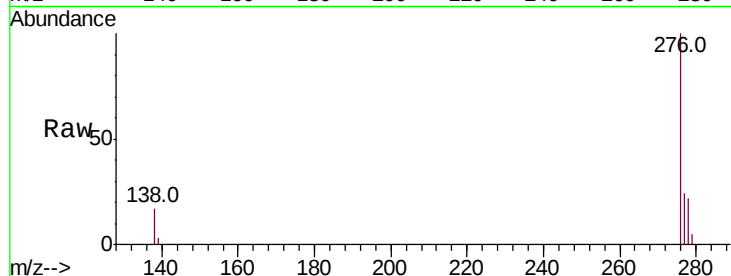
Tot Ion:276 Resp: 464453

Ion Ratio Lower Upper

276 100

138 19.9 15.0 22.6

277 25.0 19.2 28.8

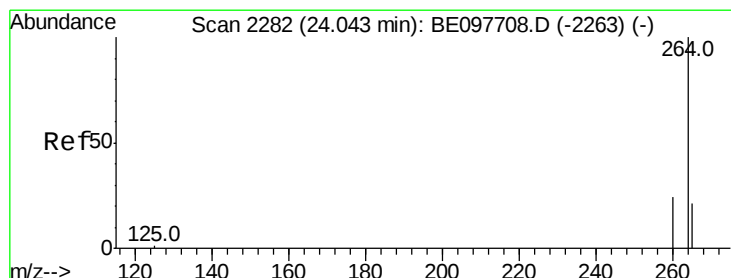
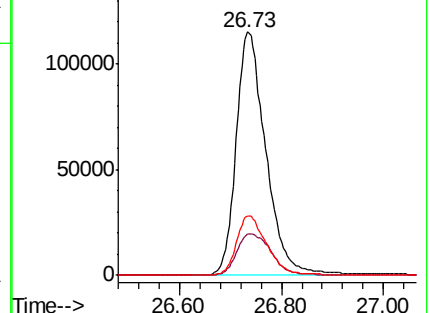
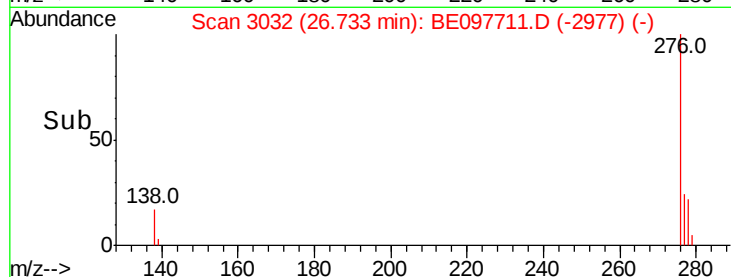


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.04 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

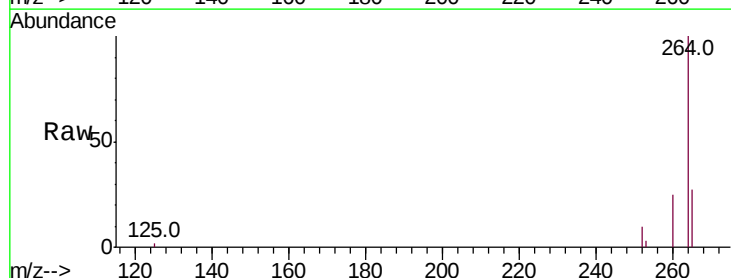
Tgt Ion:264 Resp: 43064

Ion Ratio Lower Upper

264 100

260 24.9 19.1 28.7

265 26.8 21.9 32.9

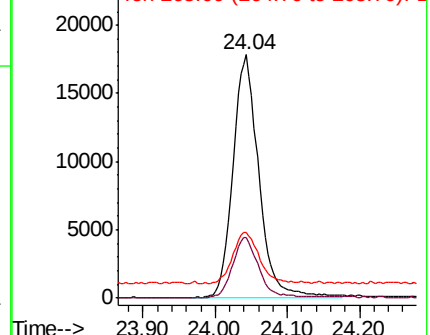
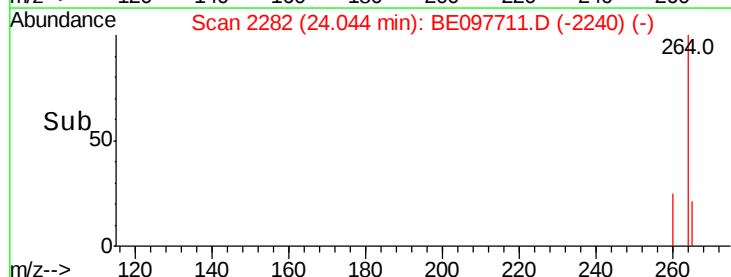


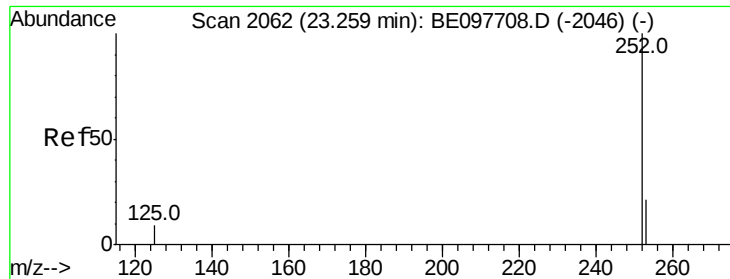
Abundance

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: 3.377 ng

RT: 23.26 min Scan# 2062

Delta R.T. 0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

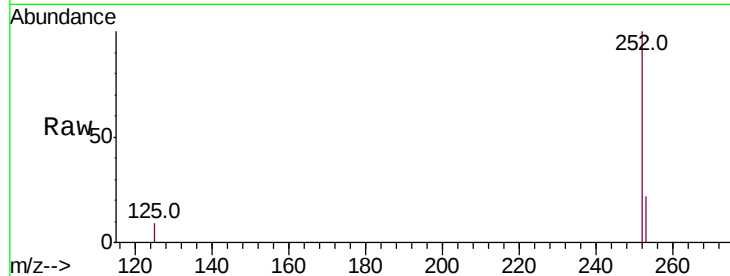
Tot Ion:252 Resp: 420270

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

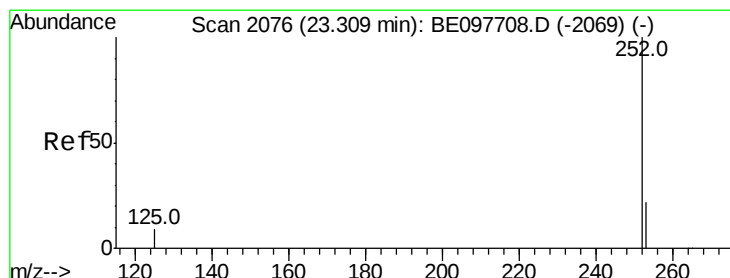
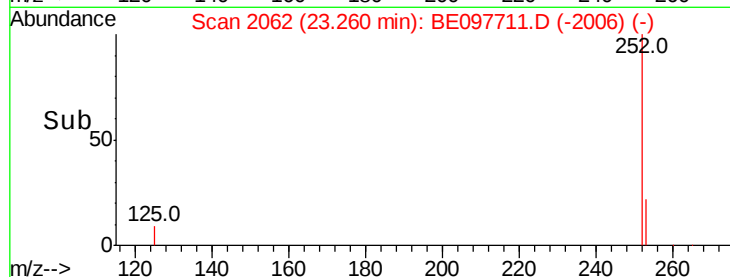
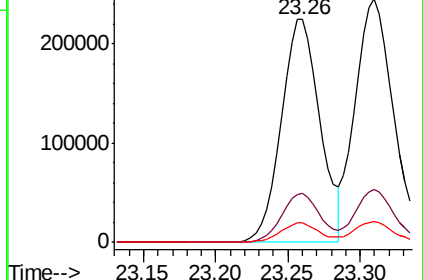
125 8.7 7.8 11.8



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: 3.272 ng

RT: 23.31 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

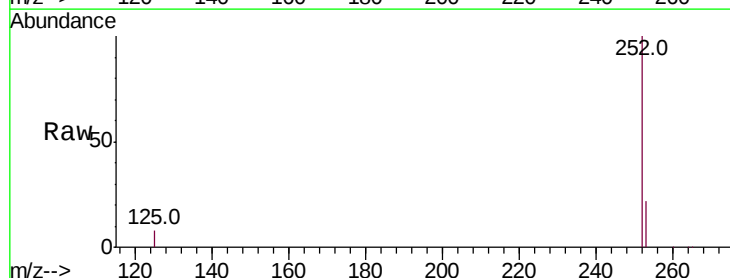
Tgt Ion:252 Resp: 469799

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

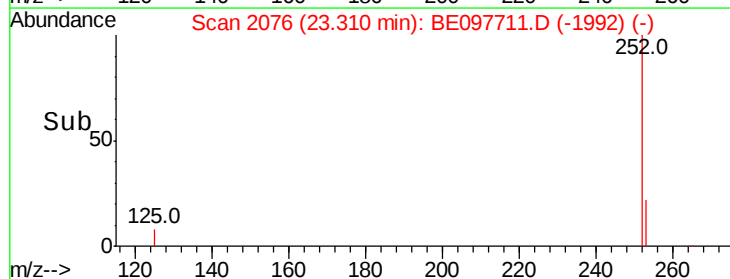
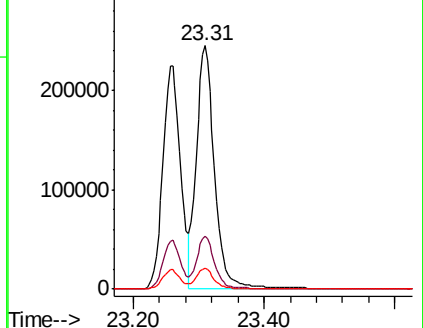
125 8.4 7.5 11.3

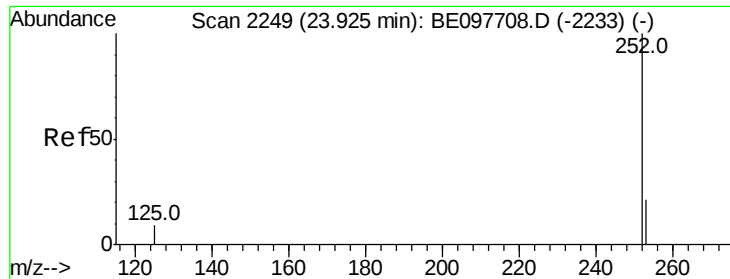


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 3.311 ng

RT: 23.92 min Scan# 2248

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

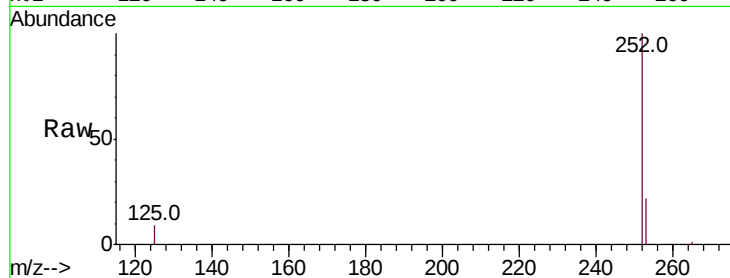
Tot Ion:252 Resp: 395181

Ion Ratio Lower Upper

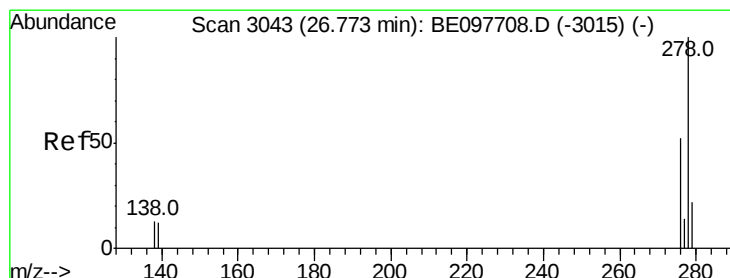
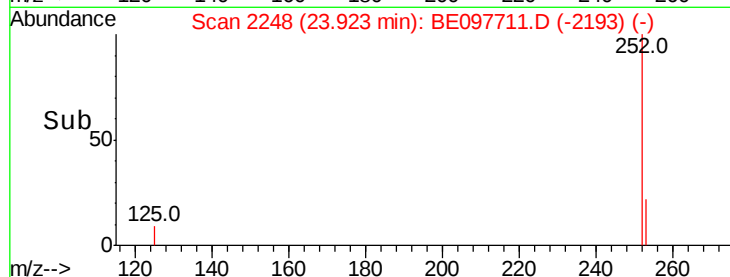
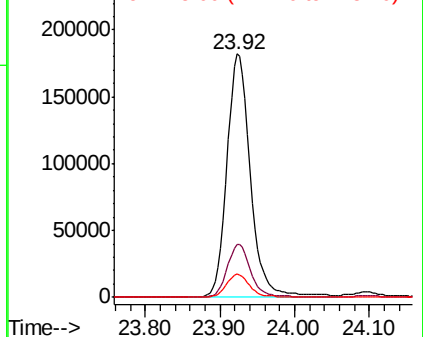
252 100

253 21.9 17.7 26.5

125 9.4 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: 3.062 ng

RT: 26.77 min Scan# 3042

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

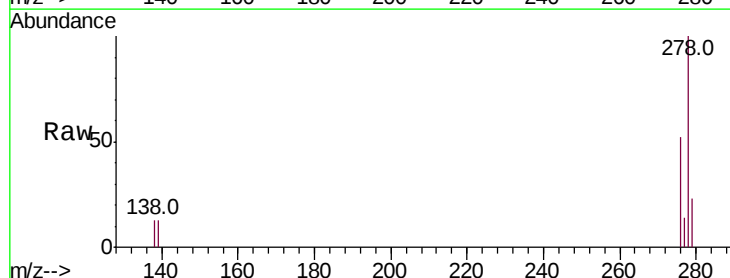
Tgt Ion:278 Resp: 396606

Ion Ratio Lower Upper

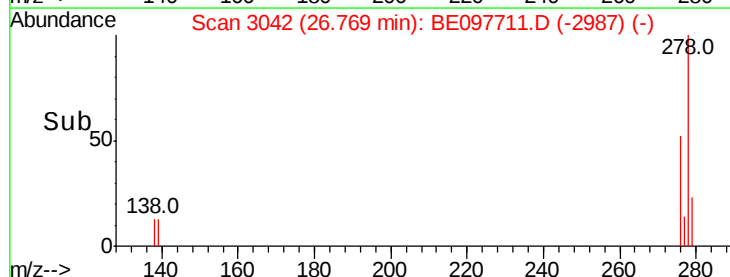
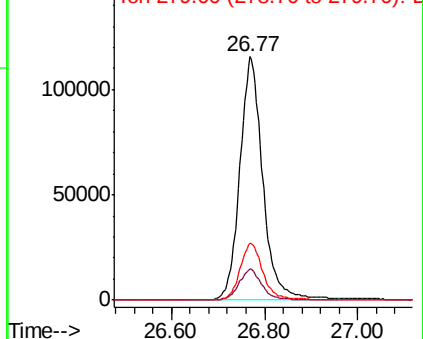
278 100

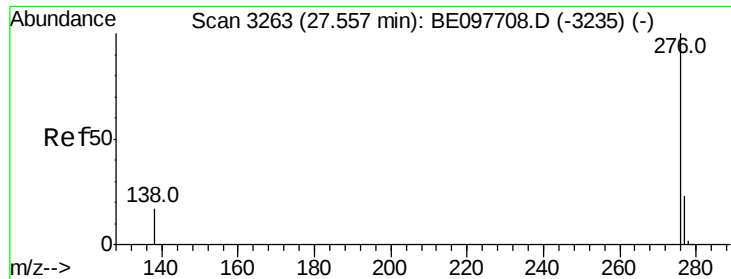
139 12.7 10.3 15.5

279 23.4 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: 2.989 ng

RT: 27.55 min Scan# 3262

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

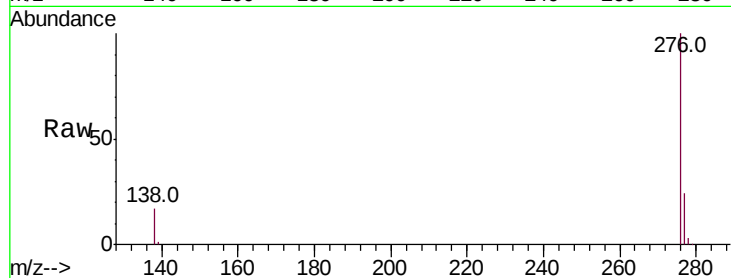
Tot Ion:276 Resp: 392634

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 17.0 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

