

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE082018\
 Data File : BE097336.D
 Acq On : 20 Aug 2018 17:20
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Aug 20 18:18:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE082018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 20 16:08:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	997	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	5111	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	2876	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	6408	0.40	ng	0.00
27) Chrysene-d12	20.97	240	6755	0.40	ng	-0.01
34) Perylene-d12	23.21	264	4671	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	7960	2.43	ng	0.00
5) Phenol-d6	6.59	99	12819	2.74	ng	0.00
8) Nitrobenzene-d5	0.00	82	0d	0.00	ng	
11) 2-Methylnaphthalene-d10	11.72	152	23777	3.20	ng	0.00
14) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng	
15) 2-Fluorobiphenyl	12.62	172	33836	3.13	ng	-0.01
25) Fluoranthene-d10	18.80	212	215698	3.37	ng	0.00
29) Terphenyl-d14	19.42	244	42874	3.38	ng	0.00

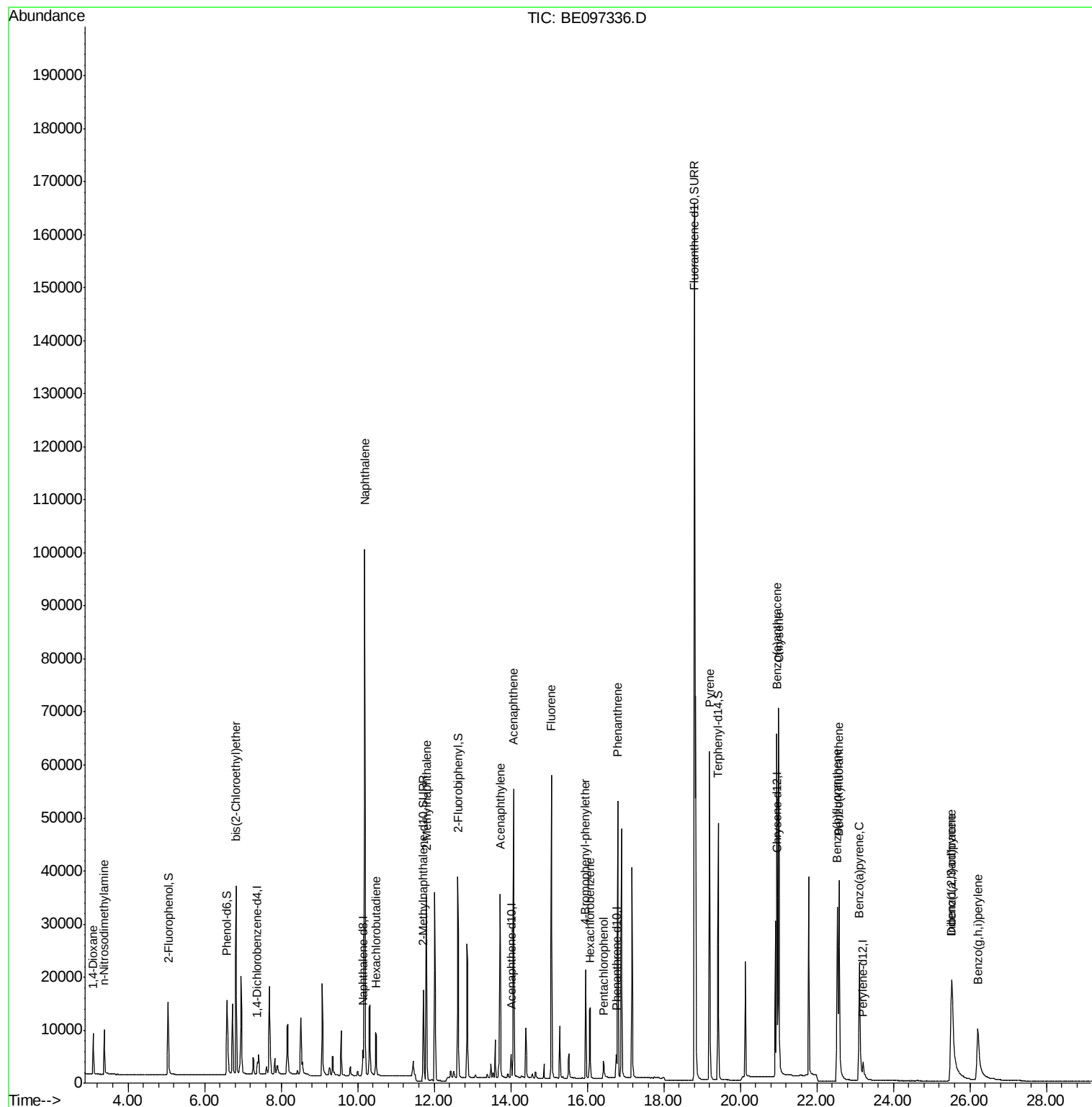
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.09	88	4450	3.972	ng	# 86
3) n-Nitrosodimethylamine	3.37	42	4907	3.777	ng	# 87
6) bis(2-Chloroethyl)ether	6.83	93	11226	3.010	ng	99
9) Naphthalene	10.18	128	150503	3.150	ng	99
10) Hexachlorobutadiene	10.47	225	6291	2.915	ng	97
12) 2-Methylnaphthalene	11.80	142	25189	3.220	ng	99
16) Acenaphthylene	13.73	152	40044	3.016	ng	100
17) Acenaphthene	14.07	154	25113	3.291	ng	95
18) Fluorene	15.06	166	31189	3.293	ng	# 80
20) 4-Bromophenyl-phenylether	15.96	248	10639	3.177	ng	# 79
21) Hexachlorobenzene	16.08	284	11972	3.152	ng	# 83
22) Pentachlorophenol	16.43	266	2328	2.756	ng	# 71
23) Phenanthrene	16.80	178	51495	3.330	ng	99
28) Pyrene	19.20	202	58532	3.214	ng	99
30) Benzo(a)anthracene	20.95	228	53241	3.134	ng	97
31) Chrysene	21.00	228	59855	3.443	ng	98
33) Indeno(1,2,3-cd)pyrene	25.52	276	39893	2.129	ng	# 93
35) Benzo(b)fluoranthene	22.54	252	44067	3.794	ng	# 87
36) Benzo(k)fluoranthene	22.58	252	58131	4.115	ng	96
37) Benzo(a)pyrene	23.11	252	41628	3.569	ng	# 93
38) Dibenzo(a,h)anthracene	25.54	278	35362	3.071	ng	# 94
39) Benzo(g,h,i)perylene	26.21	276	33773	2.907	ng	# 90

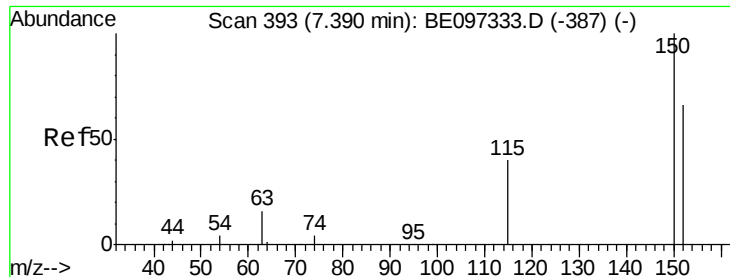
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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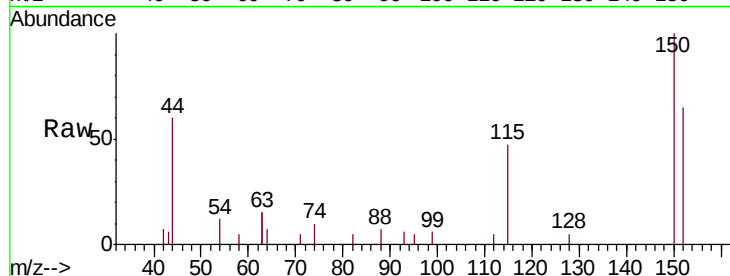


#1

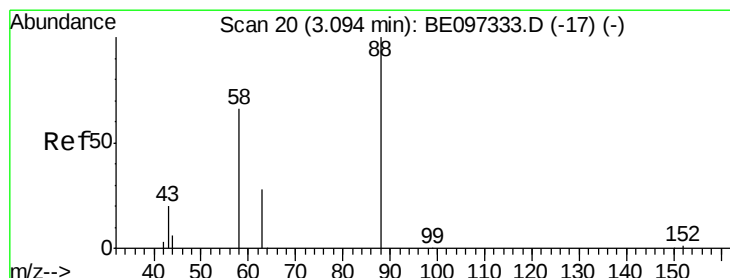
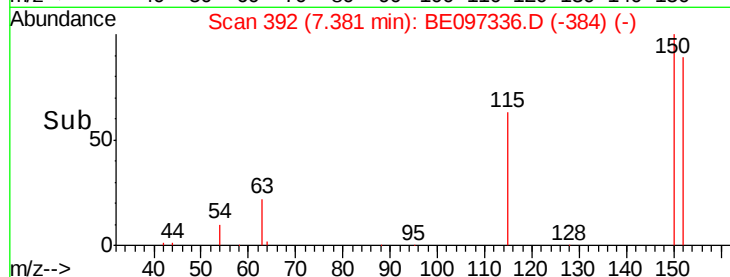
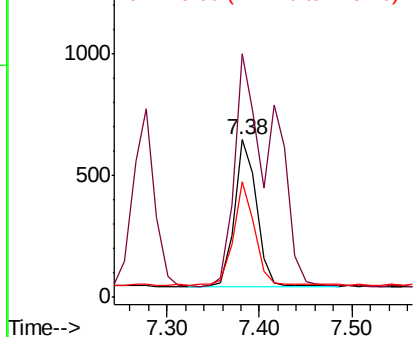
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.01 min
Lab File: BE097336.D
Acq: 20 Aug 2018 17:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 997
Ion Ratio Lower Upper
152 100
150 154.5 117.2 175.8
115 73.1 57.0 85.6



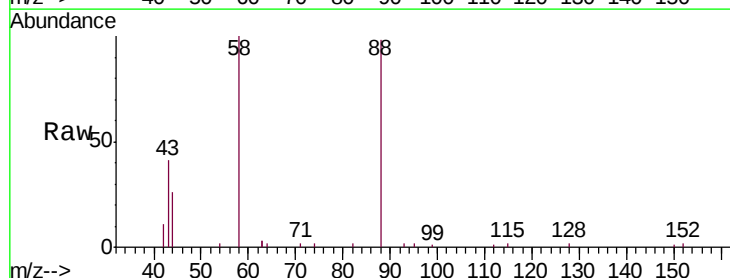
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



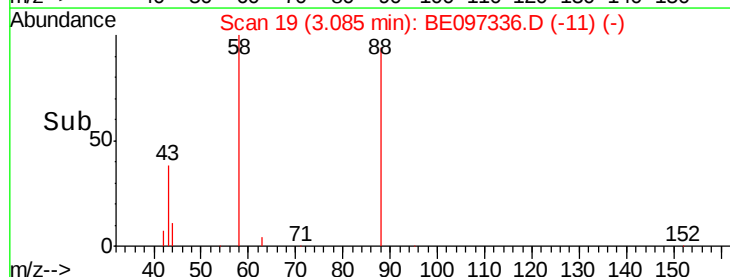
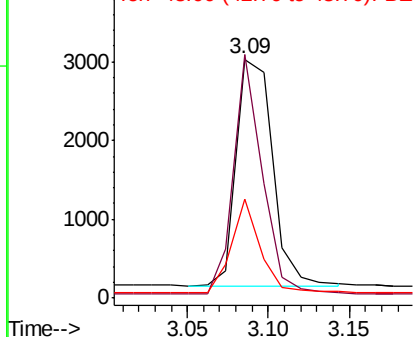
#2

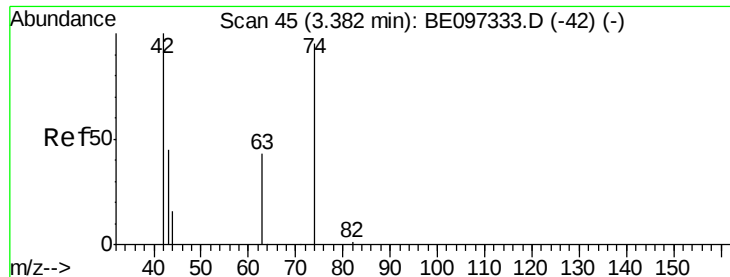
1,4-Dioxane
Concen: 3.972 ng
RT: 3.09 min Scan# 19
Delta R.T. -0.01 min
Lab File: BE097336.D
Acq: 20 Aug 2018 17:20

Tgt Ion: 88 Resp: 4450
Ion Ratio Lower Upper
88 100
58 83.6 63.2 94.8
43 32.3 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

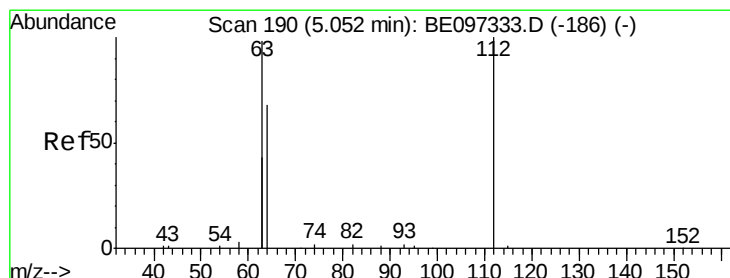
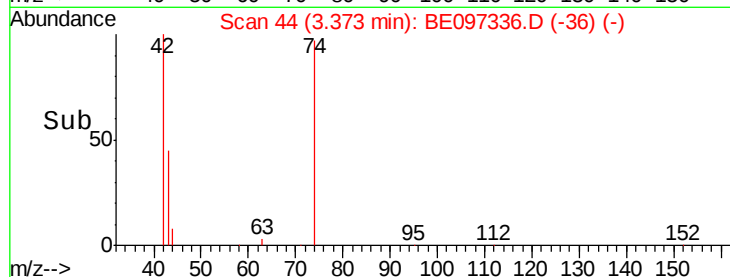
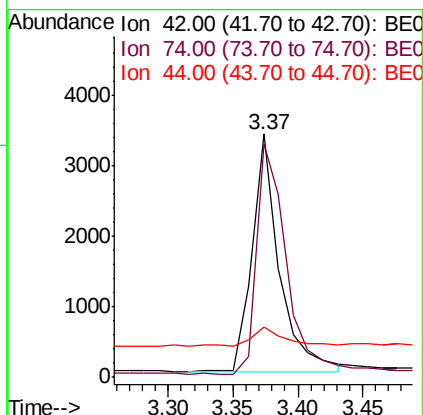
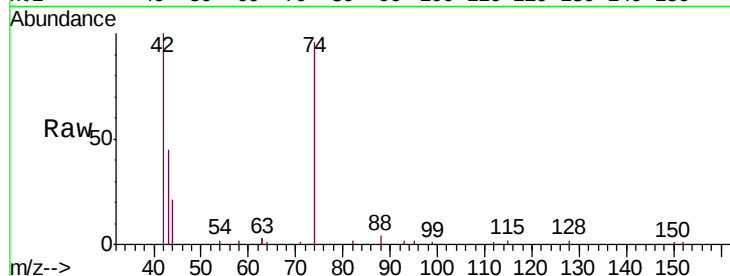




#3
 n-Nitrosodimethylamine
 Concen: 3.777 ng
 RT: 3.37 min Scan# 44
 Delta R.T. -0.01 min
 Lab File: BE097336.D
 Acq: 20 Aug 2018 17:20

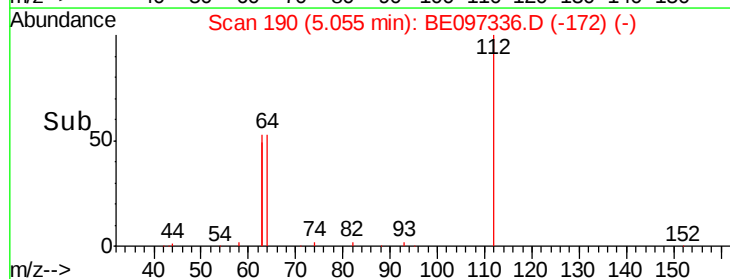
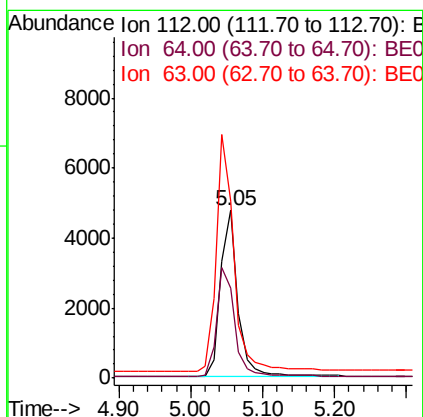
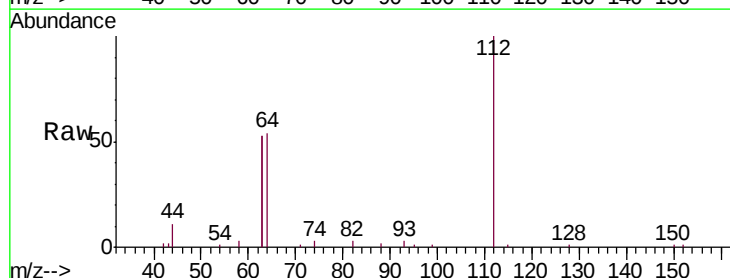
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

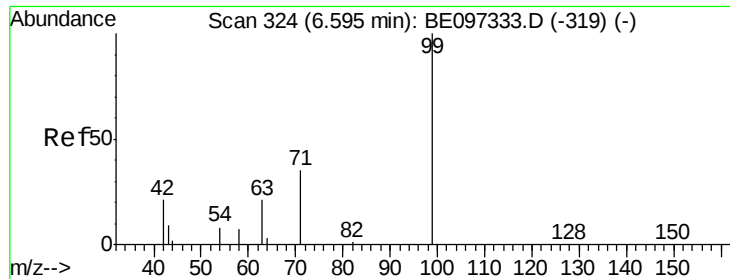
Tgt Ion: 42 Resp: 4907
 Ion Ratio Lower Upper
 42 100
 74 105.4 96.0 144.0
 44 8.9 12.0 18.0#



#4
 2-Fluorophenol
 Concen: 2.429 ng
 RT: 5.05 min Scan# 190
 Delta R.T. 0.00 min
 Lab File: BE097336.D
 Acq: 20 Aug 2018 17:20

Tgt Ion: 112 Resp: 7960
 Ion Ratio Lower Upper
 112 100
 64 68.7 60.1 90.1
 63 142.7 116.8 175.2





#5

Phenol-d6

Concen: 2.737 ng

RT: 6.59 min Scan# 323

Delta R.T. -0.01 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

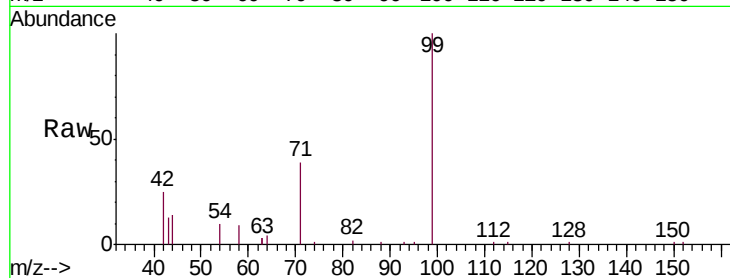
Tgt Ion: 99 Resp: 12819

Ion Ratio Lower Upper

99 100

42 22.4 20.2 30.2

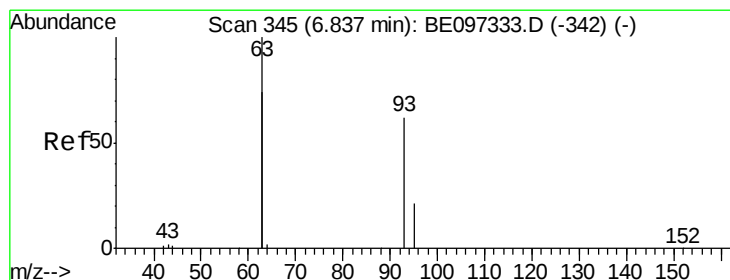
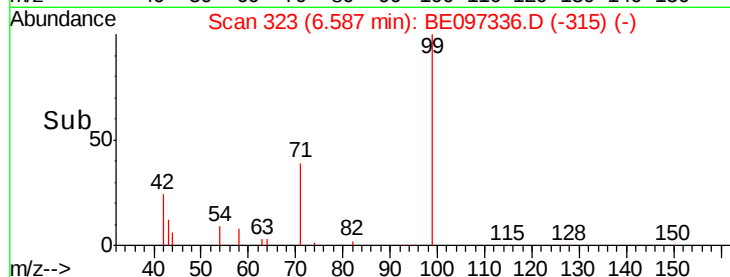
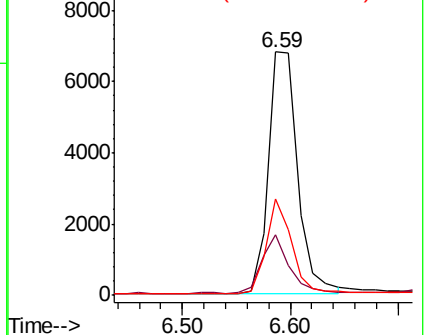
71 33.9 28.4 42.6



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: 3.010 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

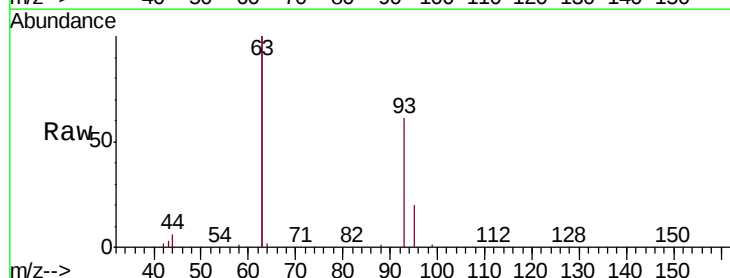
Tgt Ion: 93 Resp: 11226

Ion Ratio Lower Upper

93 100

63 346.4 275.3 412.9

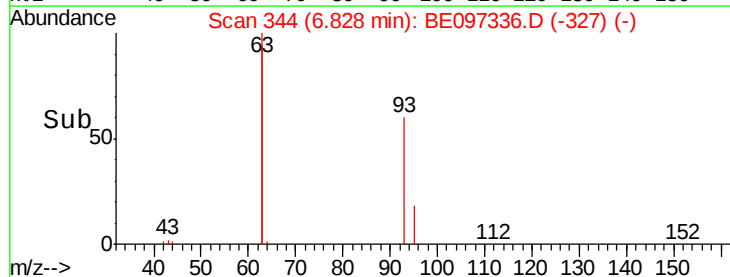
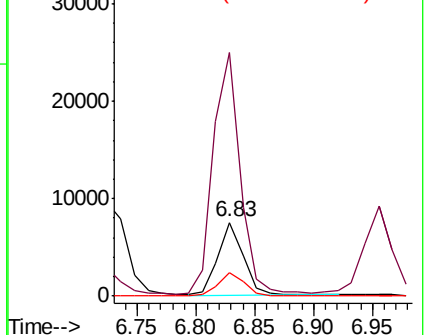
95 32.4 25.2 37.8

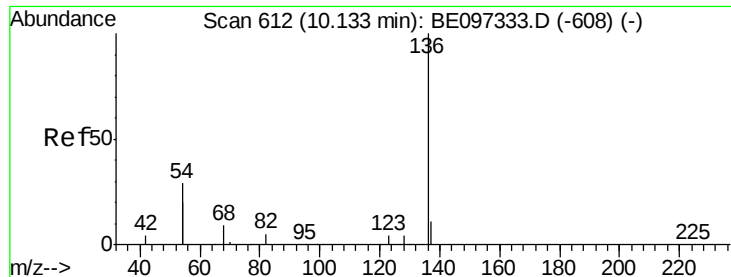


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097336.D

Acq: 20 Aug 2018 17:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tgt Ion:136 Resp: 5111

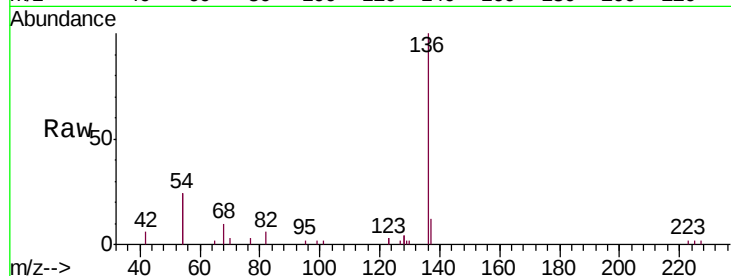
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 49.0 29.1 43.7#

68 9.7 6.2 9.2#

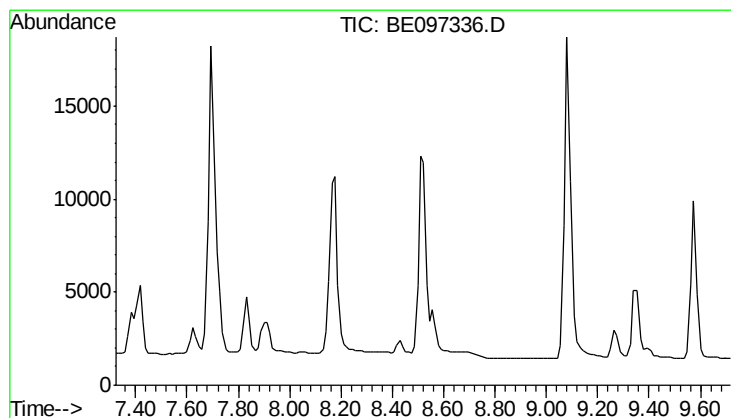
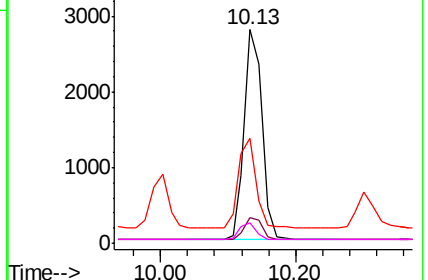
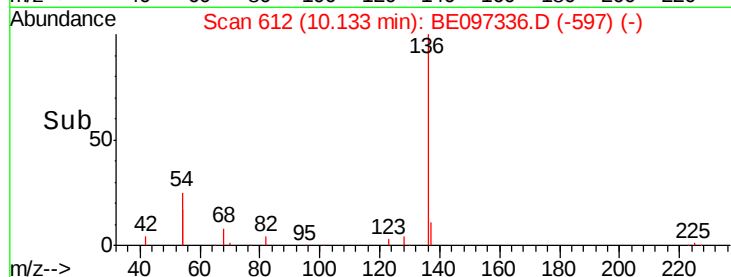


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 8.52 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

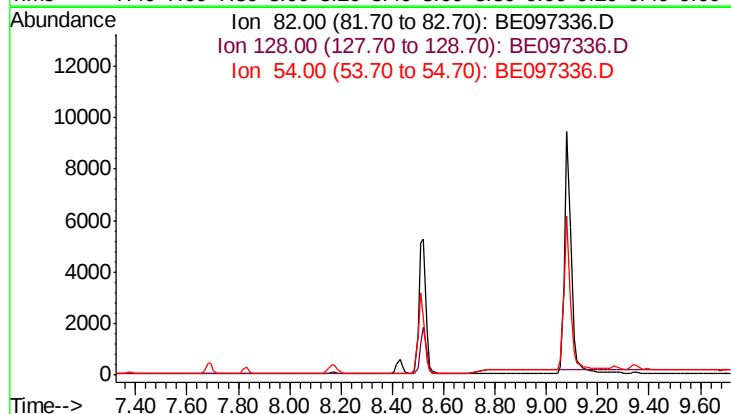
Tgt Ion: 82

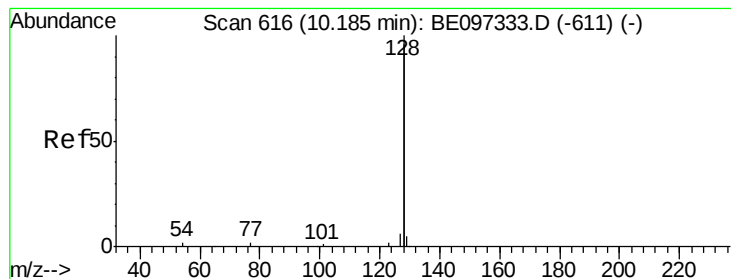
Sig Exp Ratio

82 100

128 30.0

54 50.0





#9

Naphthalene

Concen: 3.150 ng

RT: 10.18 min Scan# 616

Delta R.T. -0.00 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

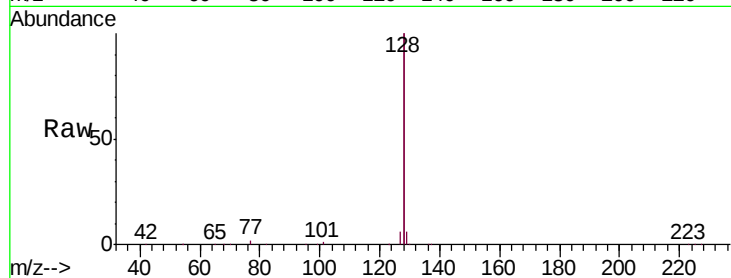
Tgt Ion:128 Resp: 150503

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

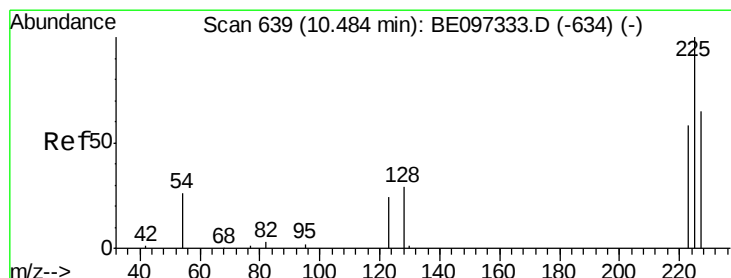
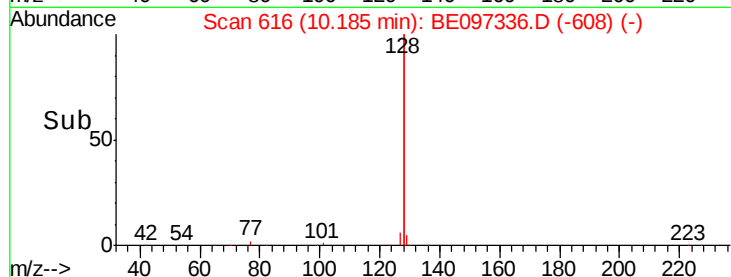
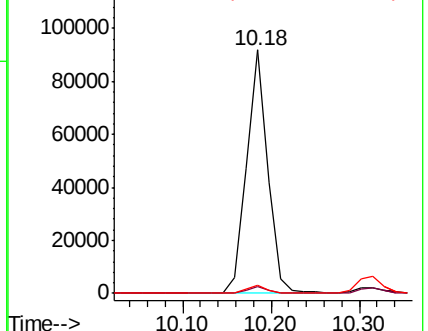
127 3.2 2.8 4.2



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: 2.915 ng

RT: 10.47 min Scan# 638

Delta R.T. -0.01 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

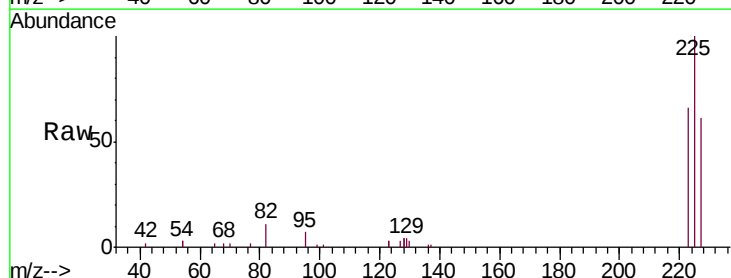
Tgt Ion:225 Resp: 6291

Ion Ratio Lower Upper

225 100

223 62.9 53.0 79.6

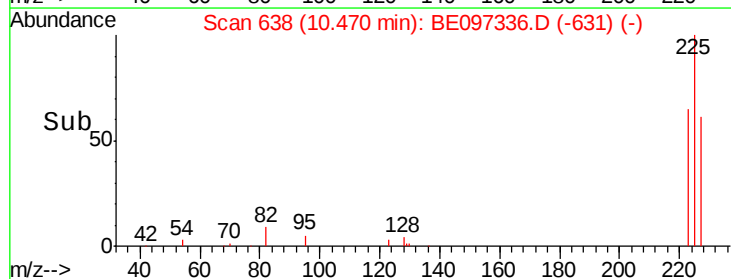
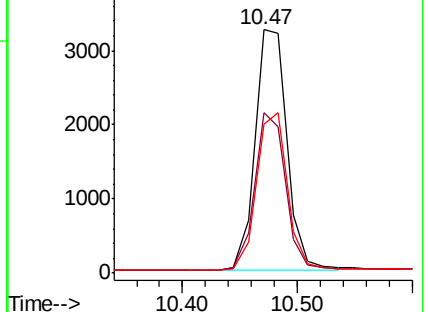
227 63.5 51.4 77.2

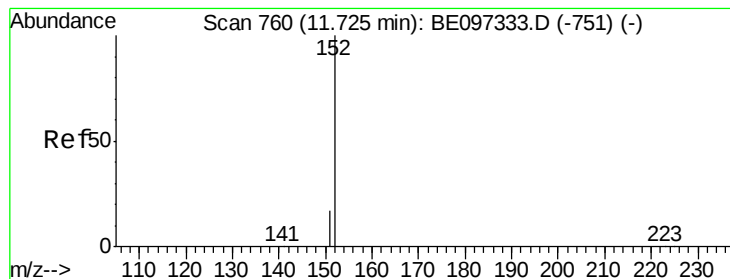


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.201 ng

RT: 11.72 min Scan# 759

Delta R.T. -0.01 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

Instrument :

BNA_E

ClientSampleId :

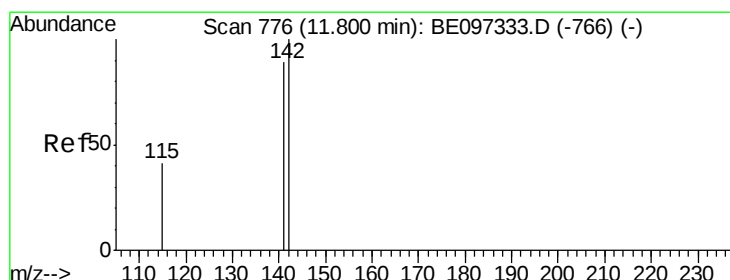
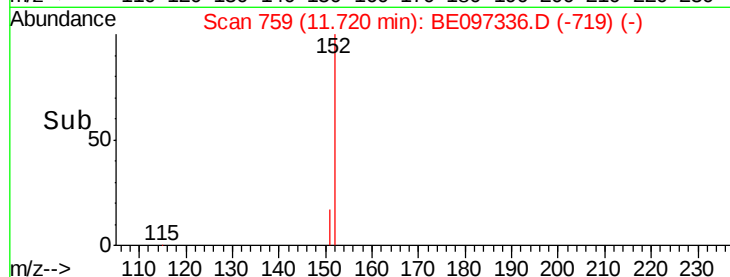
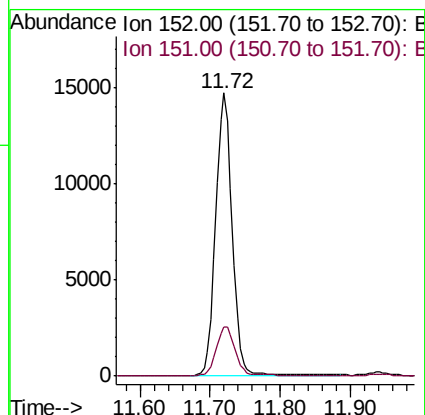
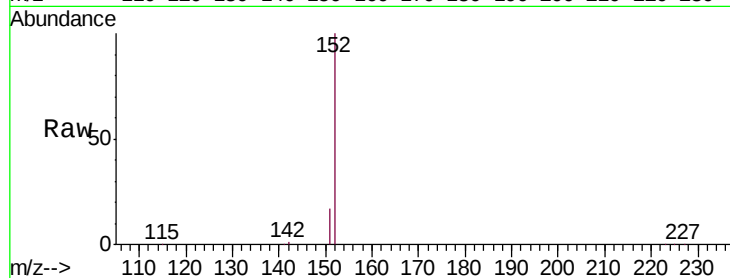
SSTDICC3.2

Tgt Ion:152 Resp: 23777

Ion Ratio Lower Upper

152 100

151 19.2 15.4 23.0



#12

2-Methylnaphthalene

Concen: 3.220 ng

RT: 11.80 min Scan# 775

Delta R.T. -0.01 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

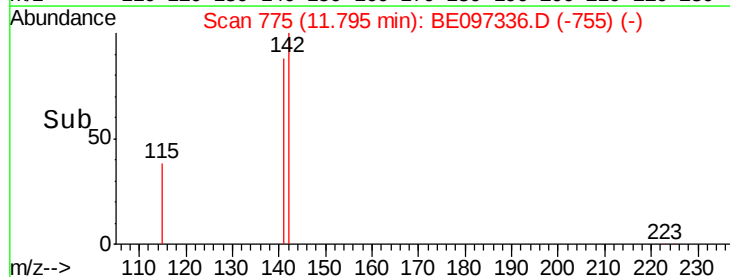
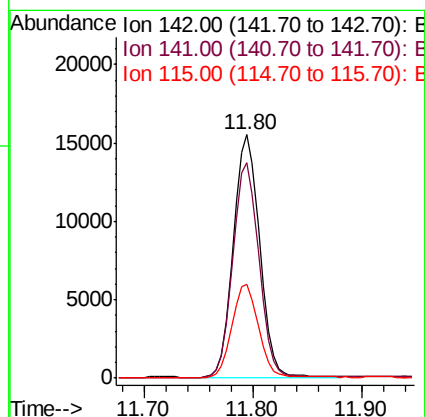
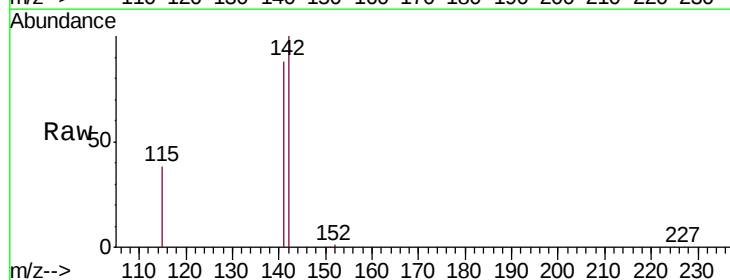
Tgt Ion:142 Resp: 25189

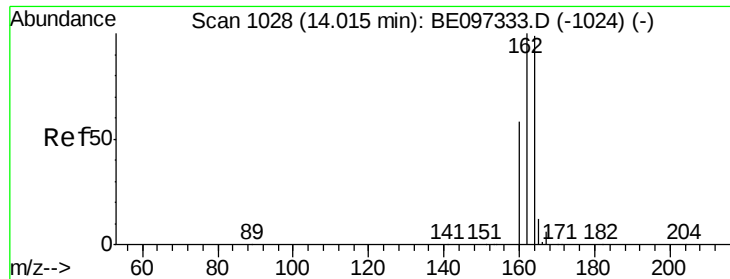
Ion Ratio Lower Upper

142 100

141 88.3 70.4 105.6

115 38.5 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

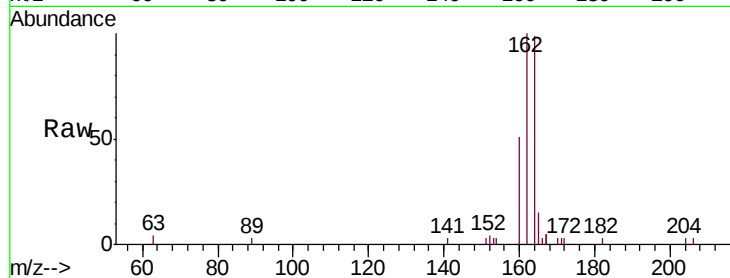
Tgt Ion:164 Resp: 2876

Ion Ratio Lower Upper

164 100

162 101.4 83.1 124.7

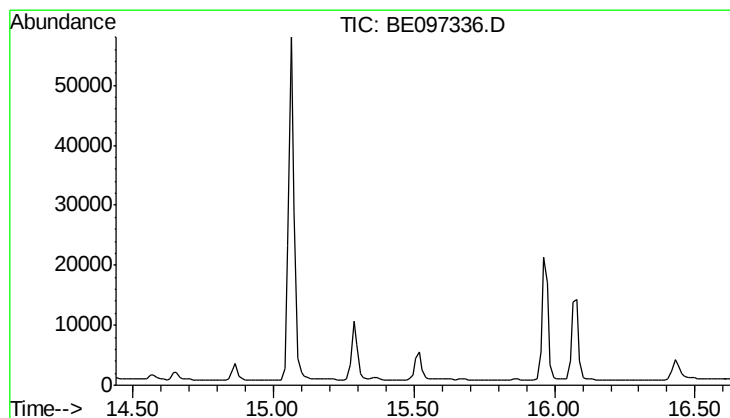
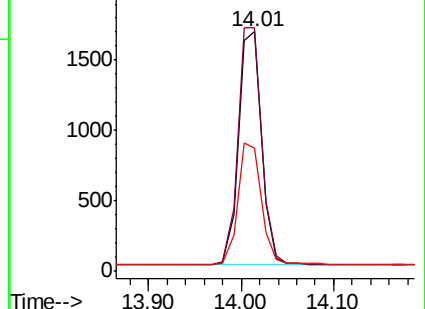
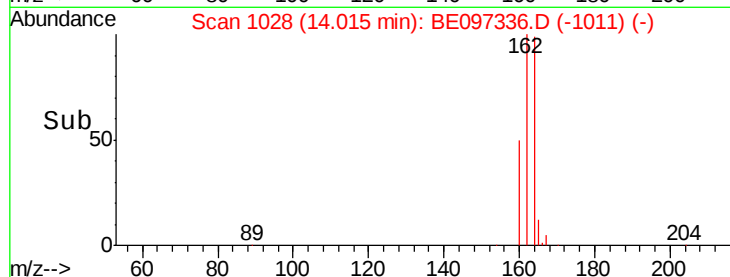
160 51.5 37.1 55.7



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: 0.000 ng

Expected RT: 15.53 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

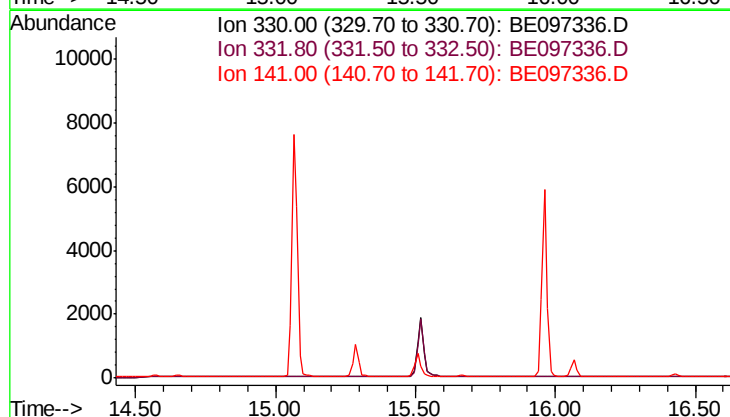
Tgt Ion: 330

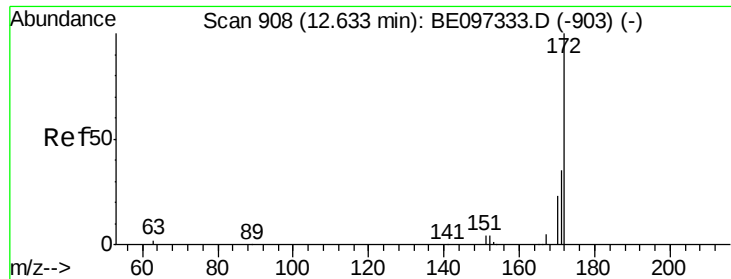
Sig Exp Ratio

330 100

332 190.9

141 42.1

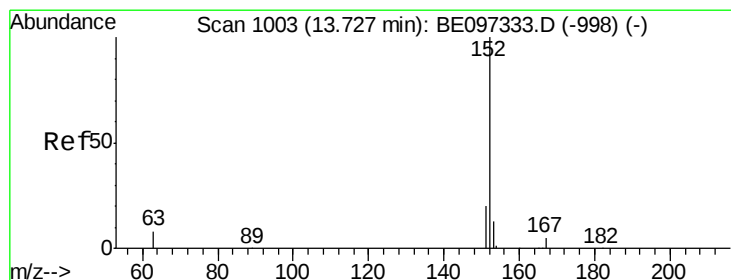
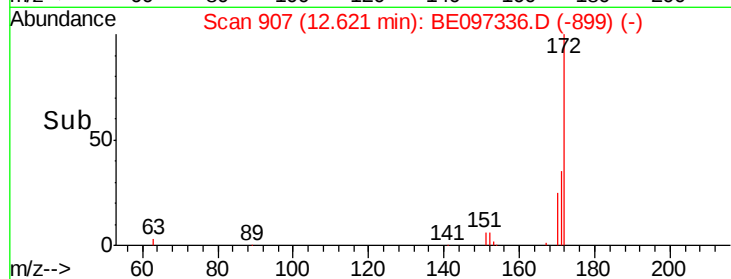
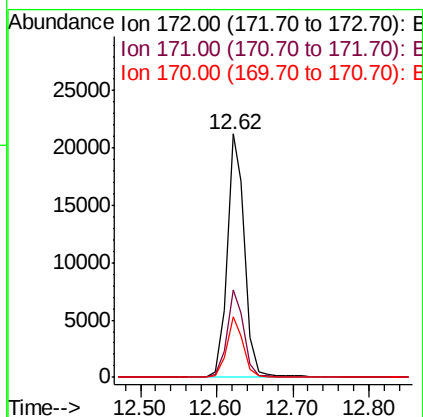
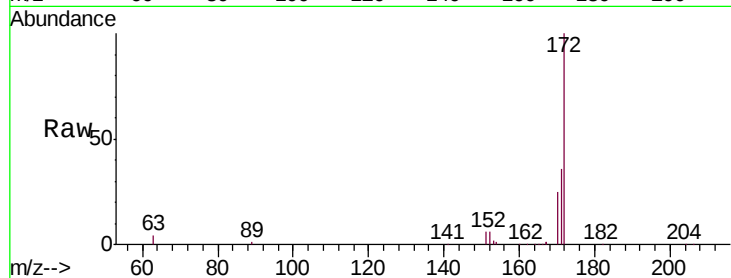




#15
2-Fluorobiphenyl
Concen: 3.131 ng
RT: 12.62 min Scan# 907
Delta R.T. -0.01 min
Lab File: BE097336.D
Acq: 20 Aug 2018 17:20

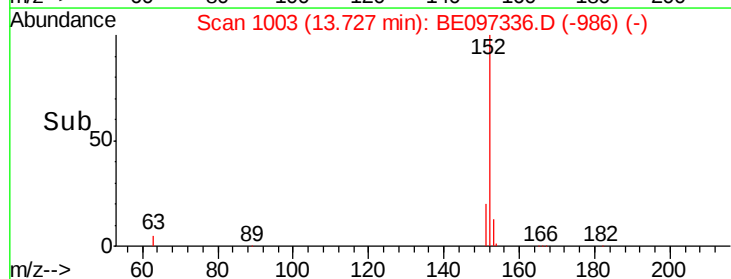
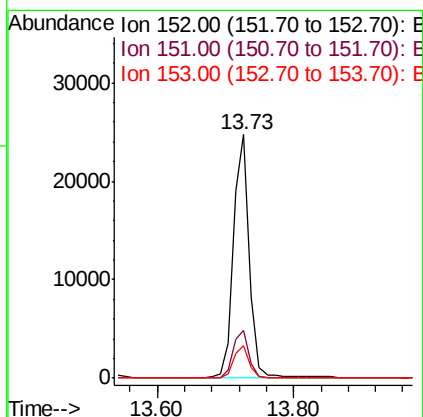
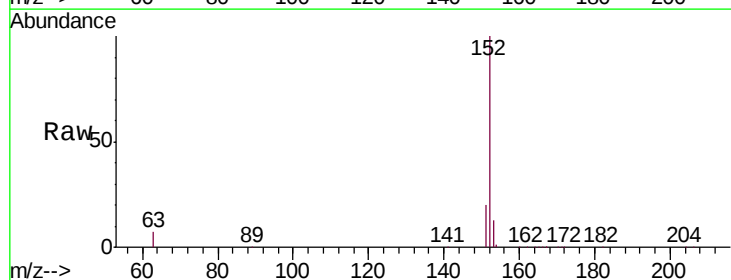
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

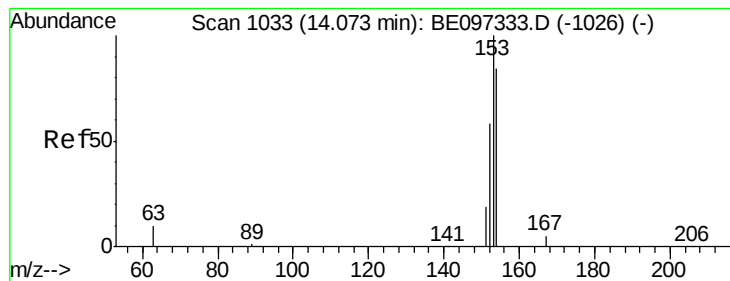
Tgt Ion:172 Resp: 33836
Ion Ratio Lower Upper
172 100
171 35.7 29.9 44.9
170 24.9 21.8 32.8



#16
Acenaphthylene
Concen: 3.016 ng
RT: 13.73 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE097336.D
Acq: 20 Aug 2018 17:20

Tgt Ion:152 Resp: 40044
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 3.291 ng

RT: 14.07 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

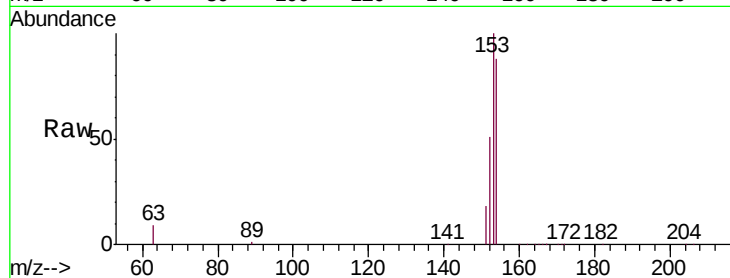
Tgt Ion:154 Resp: 25113

Ion Ratio Lower Upper

154 100

153 114.3 89.2 133.8

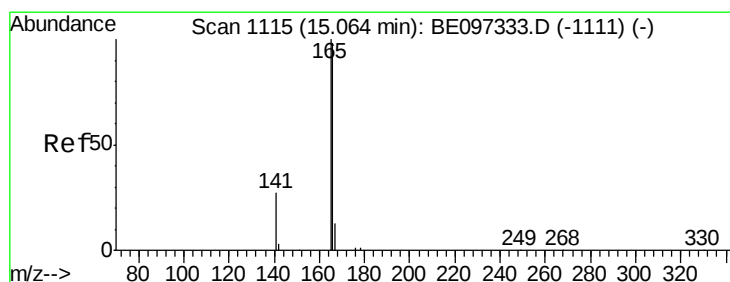
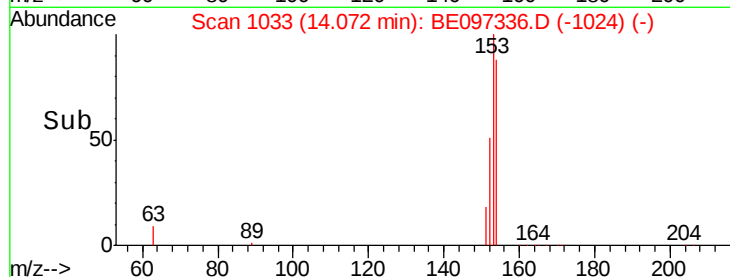
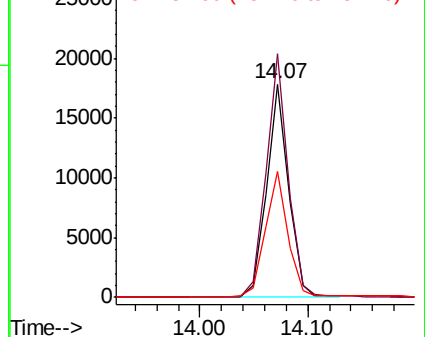
152 60.1 42.0 63.0



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: 3.293 ng

RT: 15.06 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

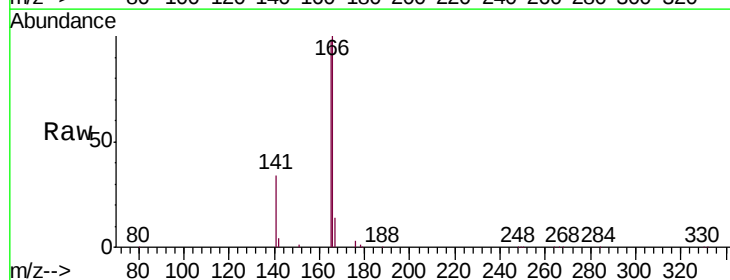
Tgt Ion:166 Resp: 31189

Ion Ratio Lower Upper

166 100

165 98.0 77.8 116.6

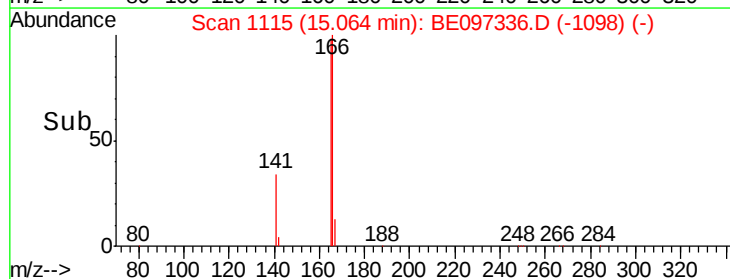
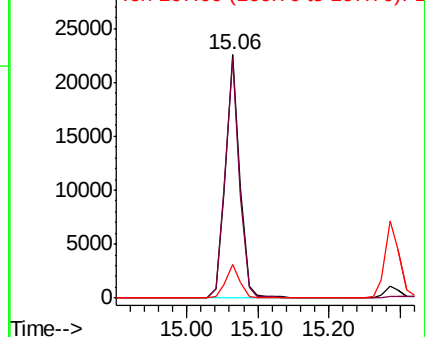
167 13.6 42.4 63.6#

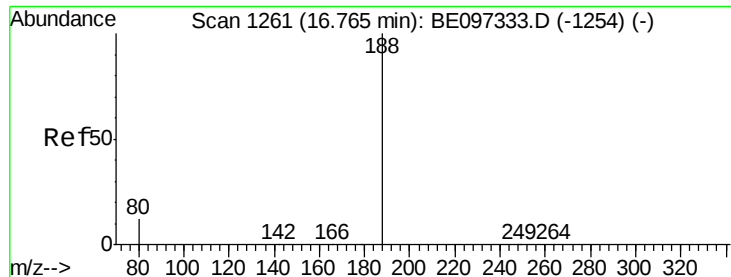


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

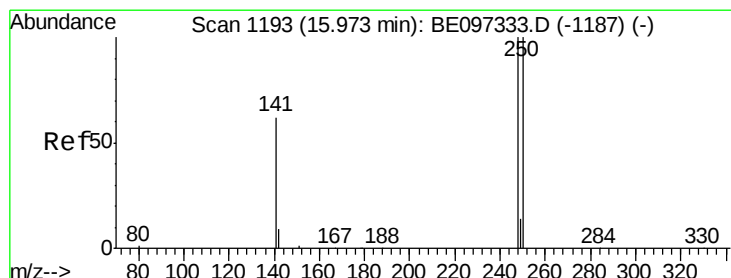
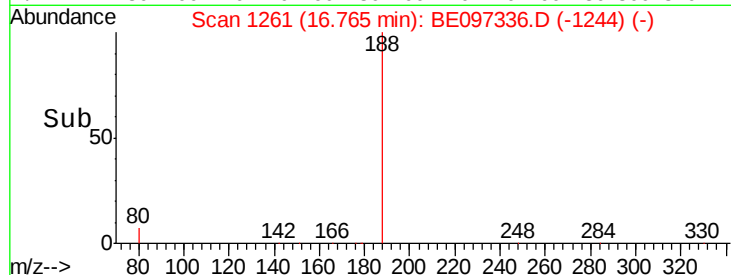
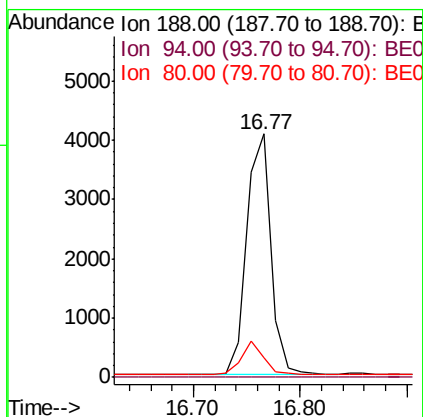
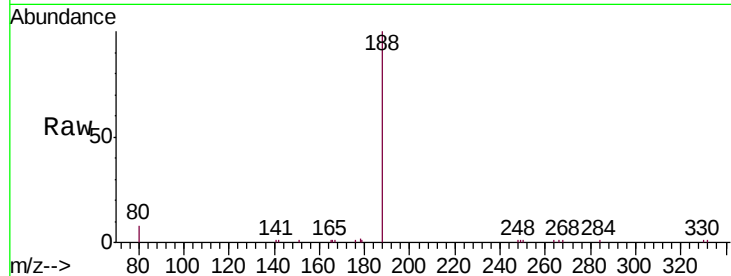




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE097336.D
Acq: 20 Aug 2018 17:20

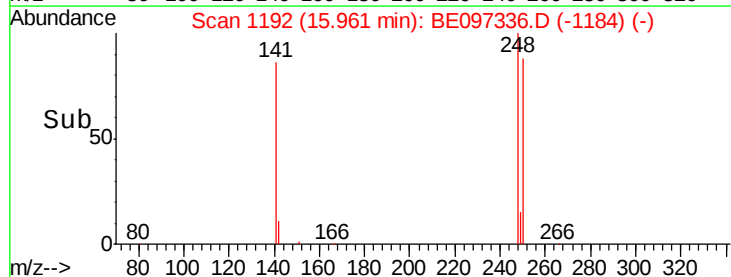
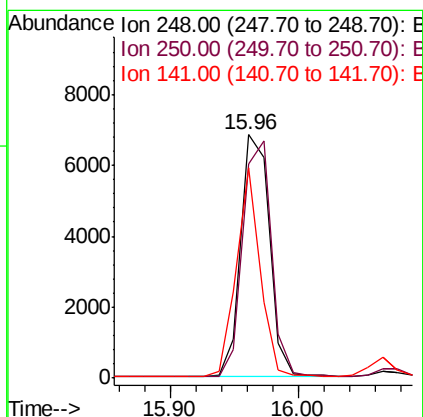
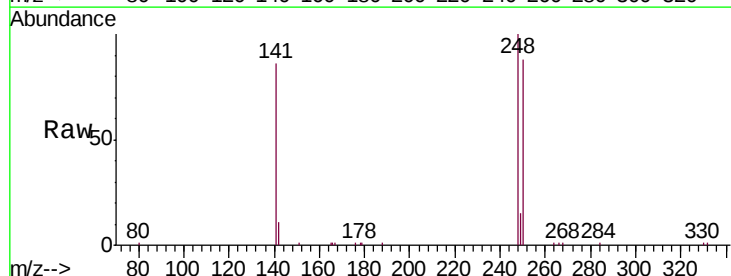
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

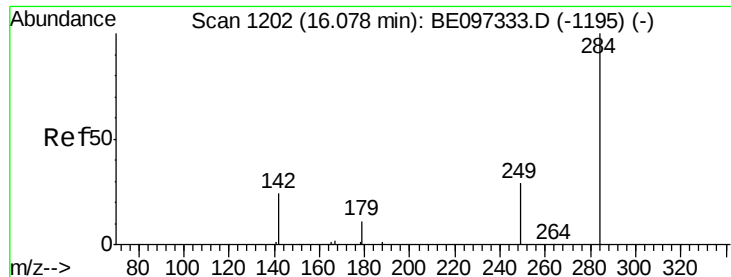
Tgt Ion:188 Resp: 6408
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 7.9 3.6 5.4#



#20
4-Bromophenyl-phenylether
Concen: 3.177 ng
RT: 15.96 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BE097336.D
Acq: 20 Aug 2018 17:20

Tgt Ion:248 Resp: 10639
Ion Ratio Lower Upper
248 100
250 87.7 62.7 94.1
141 86.3 48.2 72.2#

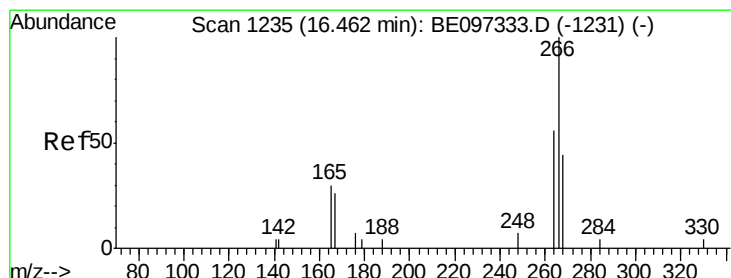
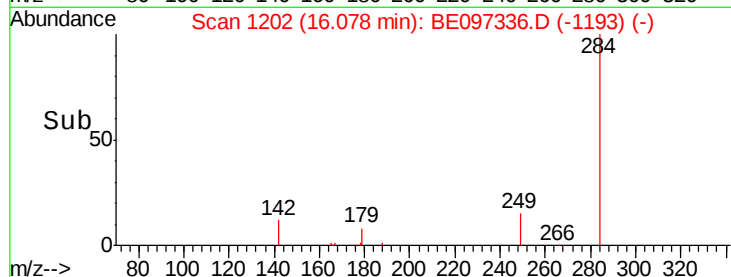
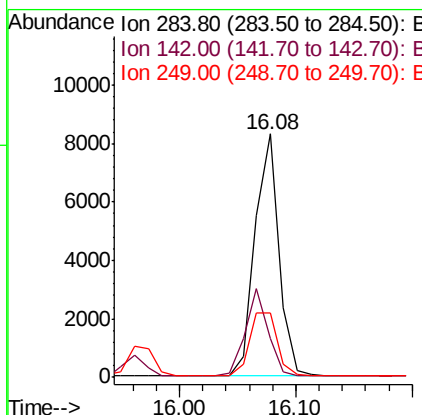
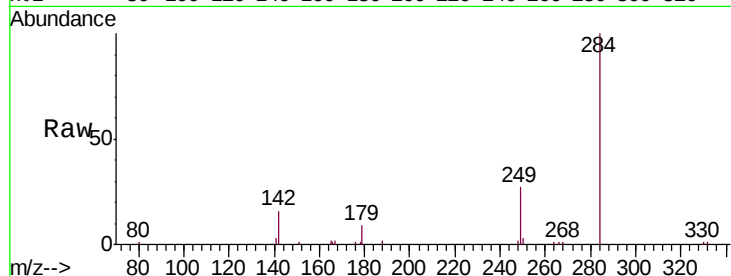




#21
Hexachlorobenzene
Concen: 3.152 ng
RT: 16.08 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BE097336.D
Acq: 20 Aug 2018 17:20

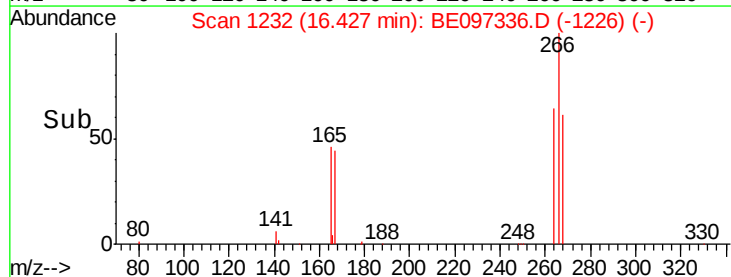
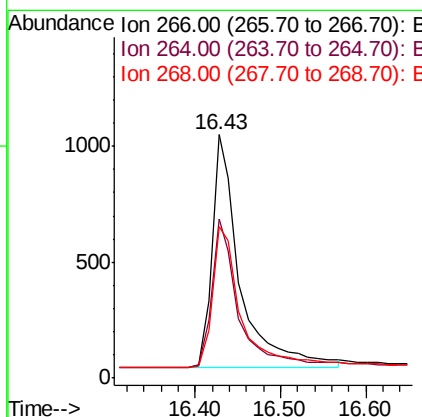
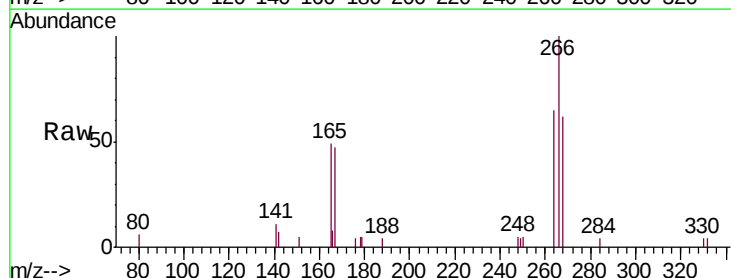
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

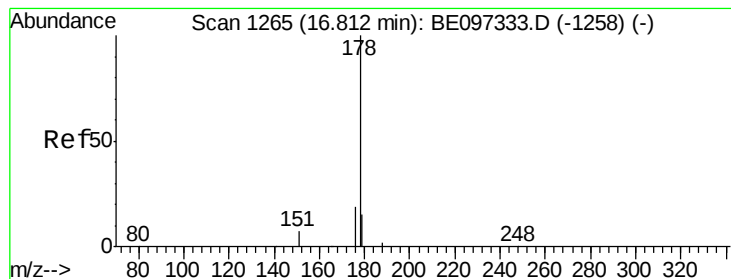
Tgt Ion: 284 Resp: 11972
Ion Ratio Lower Upper
284 100
142 34.0 22.1 33.1#
249 30.5 34.8 52.2#



#22
Pentachlorophenol
Concen: 2.756 ng
RT: 16.43 min Scan# 1232
Delta R.T. -0.03 min
Lab File: BE097336.D
Acq: 20 Aug 2018 17:20

Tgt Ion: 266 Resp: 2328
Ion Ratio Lower Upper
266 100
264 65.5 72.5 108.7#
268 62.4 73.8 110.6#





#23

Phenanthrene

Concen: 3.330 ng

RT: 16.80 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

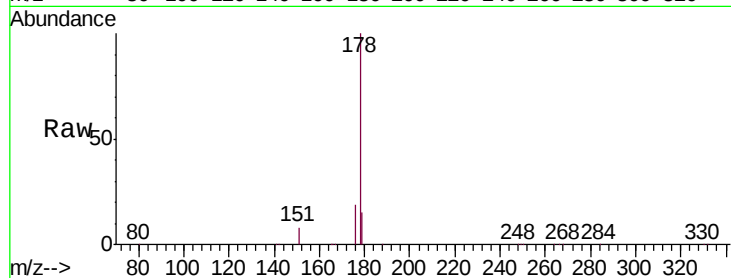
Tgt Ion:178 Resp: 51495

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

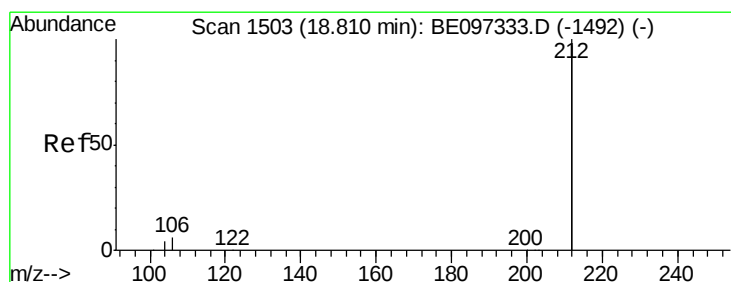
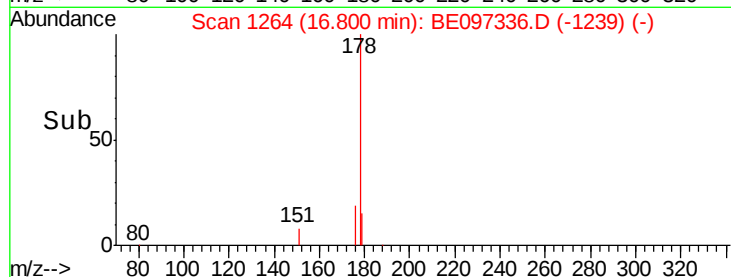
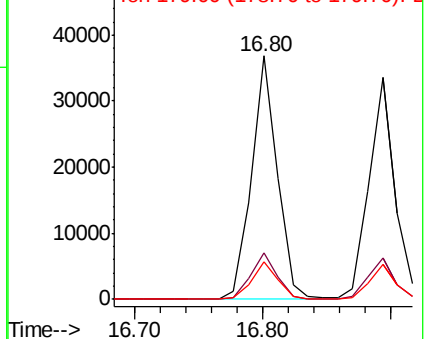
179 15.2 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 3.368 ng

RT: 18.80 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

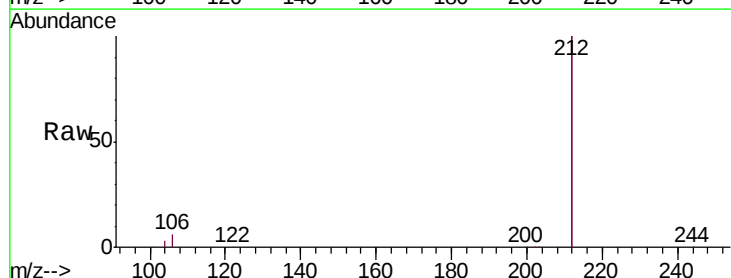
Tgt Ion:212 Resp: 215698

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

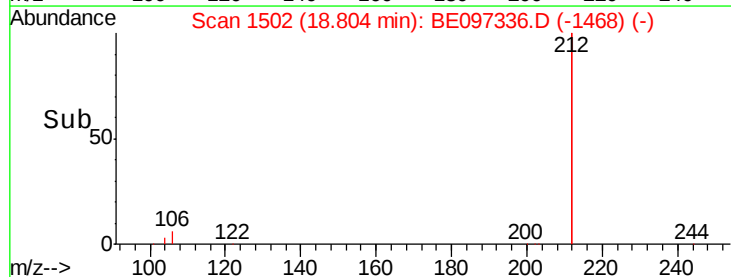
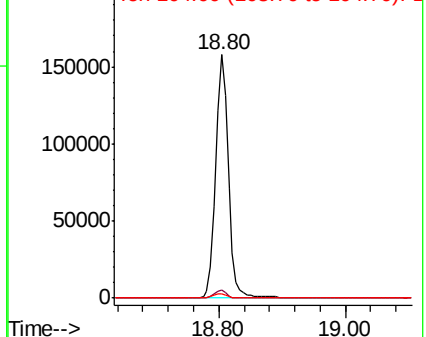
104 1.8 1.6 2.4

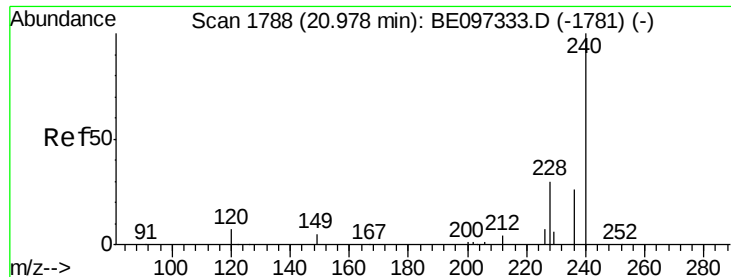


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

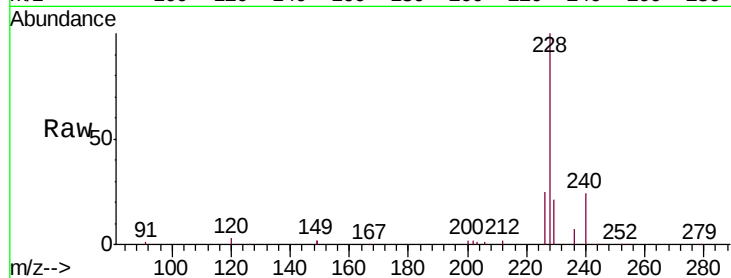
Tgt Ion:240 Resp: 6755

Ion Ratio Lower Upper

240 100

120 12.1 5.5 8.3#

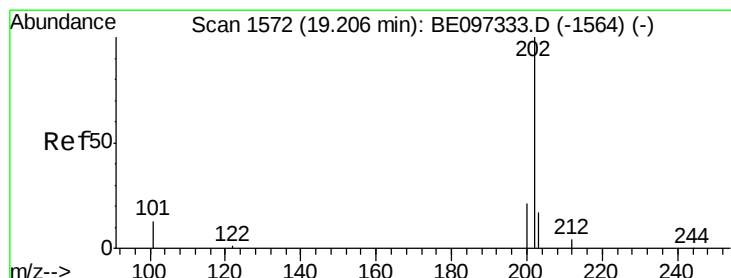
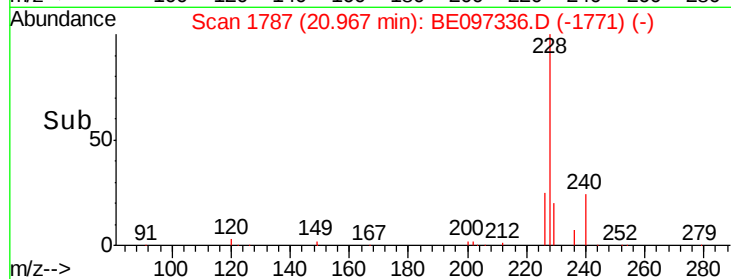
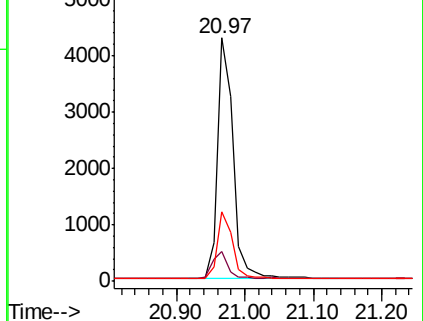
236 28.5 20.7 31.1



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: 3.214 ng

RT: 19.20 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

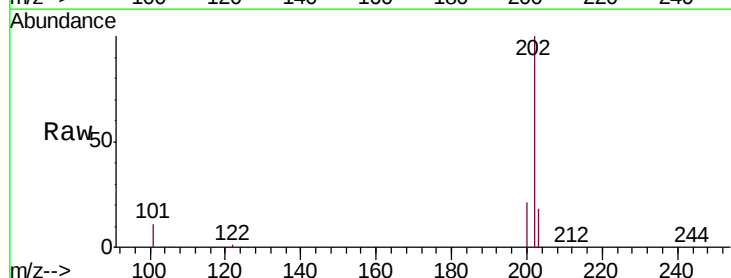
Tgt Ion:202 Resp: 58532

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

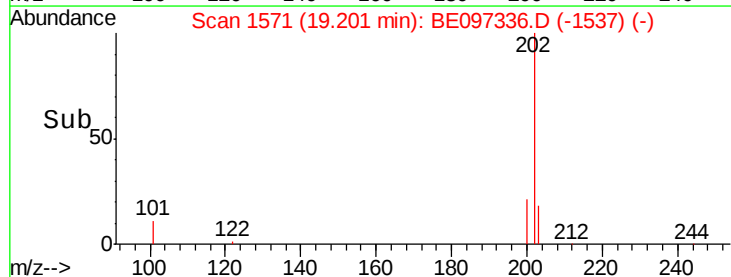
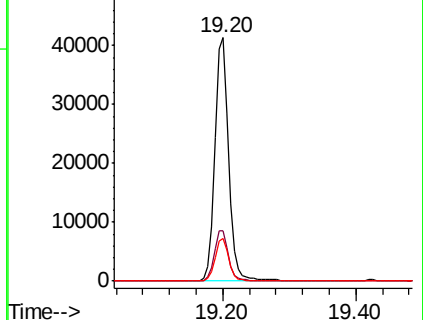
203 17.4 13.8 20.8

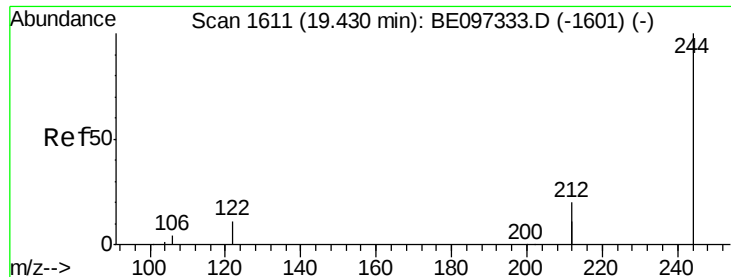


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.377 ng

RT: 19.42 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

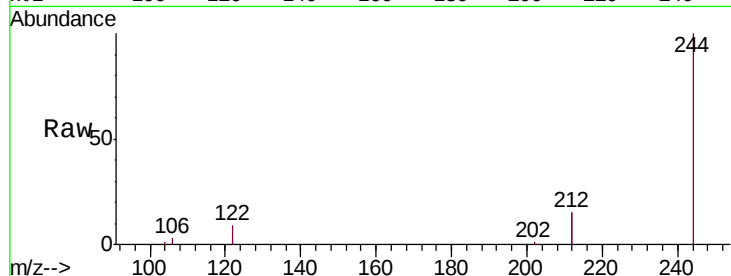
Tgt Ion:244 Resp: 42874

Ion Ratio Lower Upper

244 100

212 29.8 25.4 38.0

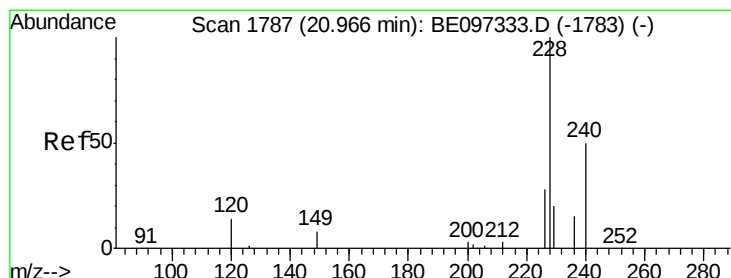
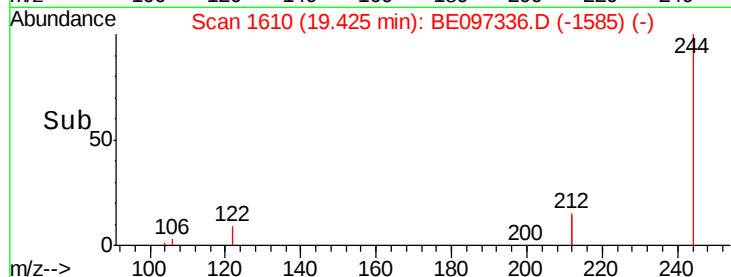
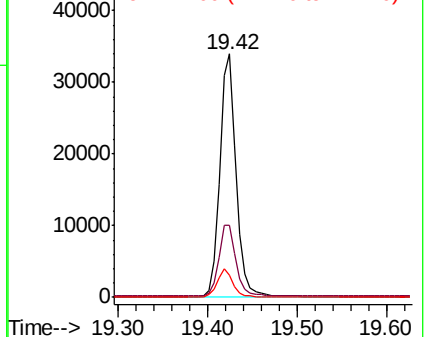
122 9.4 8.1 12.1



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: 3.134 ng

RT: 20.95 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

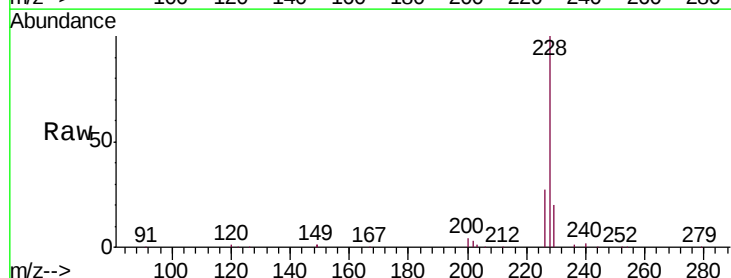
Tgt Ion:228 Resp: 53241

Ion Ratio Lower Upper

228 100

226 27.4 24.0 36.0

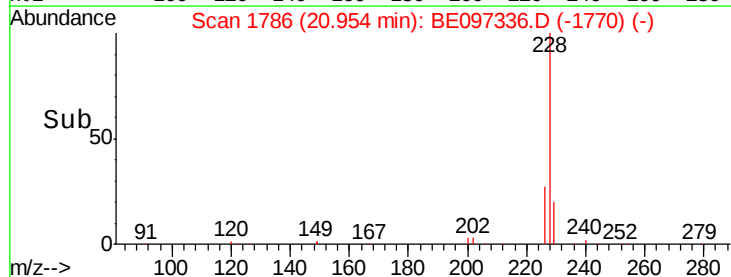
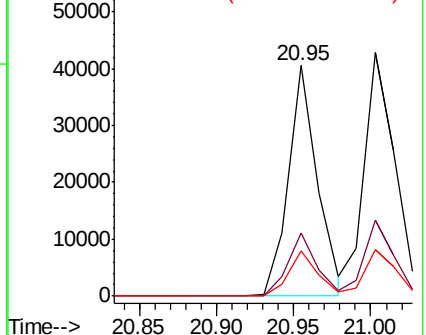
229 19.6 16.0 24.0

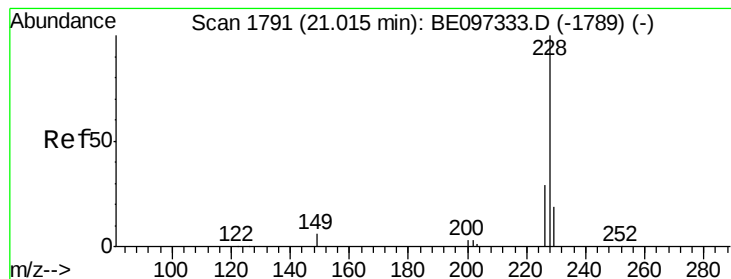


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.443 ng

RT: 21.00 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

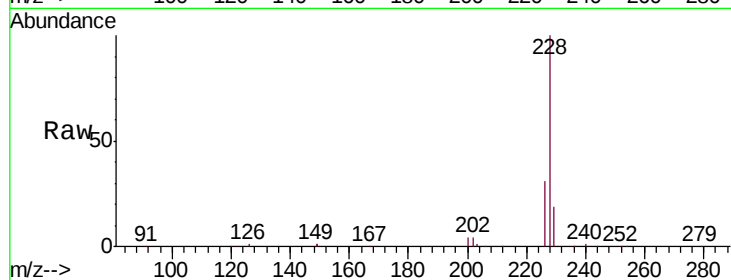
Tgt Ion:228 Resp: 59855

Ion Ratio Lower Upper

228 100

226 31.4 24.0 36.0

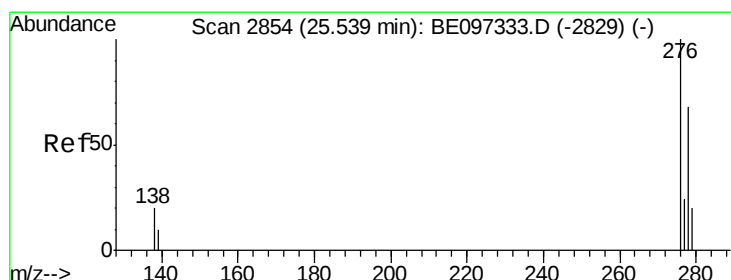
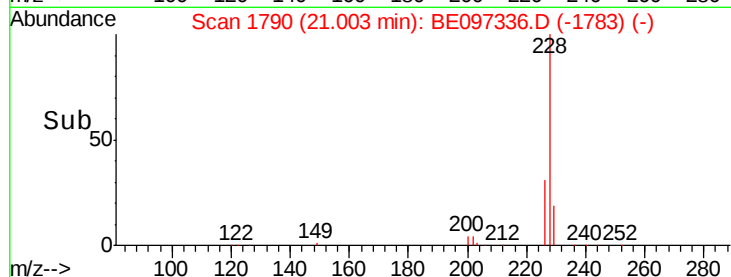
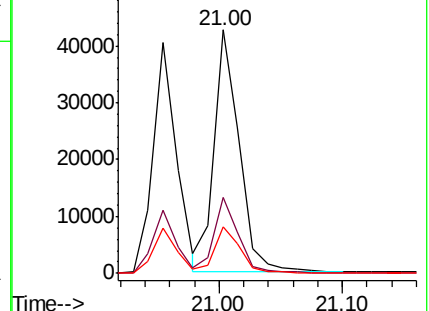
229 19.2 16.0 24.0



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



#33

Indeno(1,2,3-cd)pyrene

Concen: 2.129 ng

RT: 25.52 min Scan# 2848

Delta R.T. -0.02 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

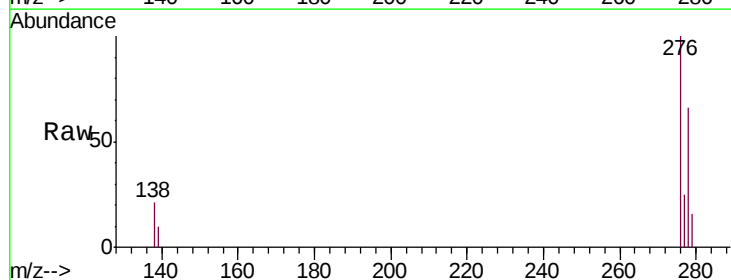
Tgt Ion:276 Resp: 39893

Ion Ratio Lower Upper

276 100

138 21.7 22.5 33.7#

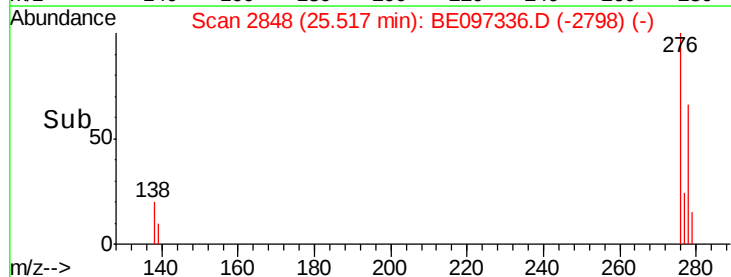
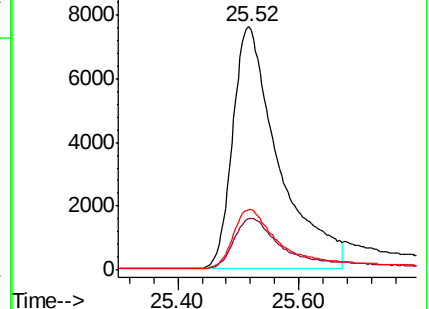
277 26.0 19.9 29.9

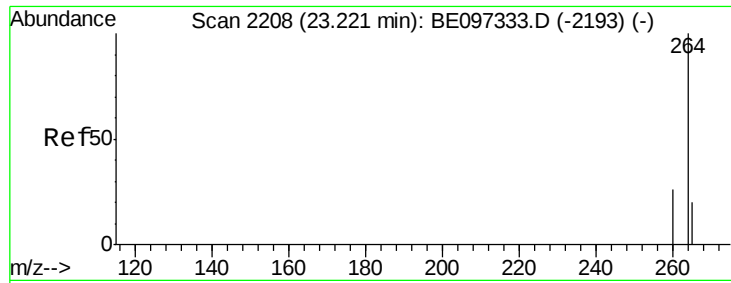


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



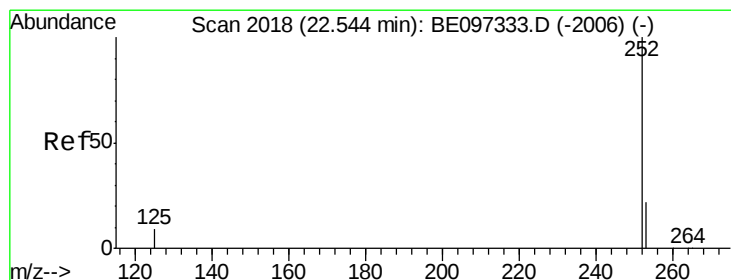
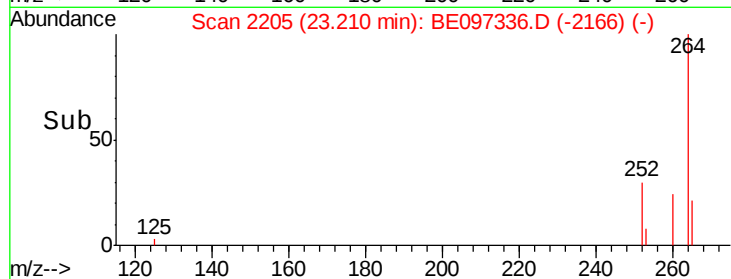
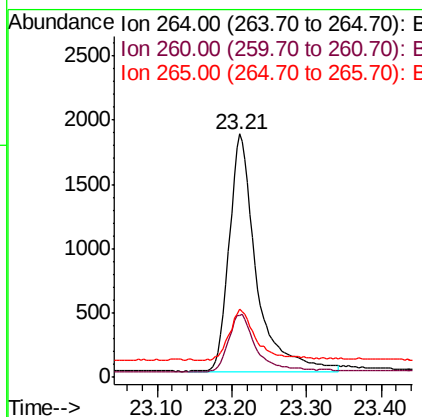
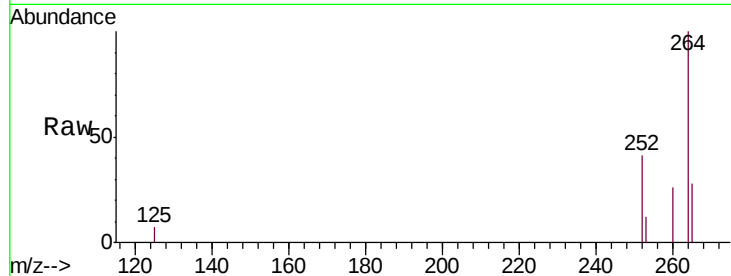


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BE097336.D
Acq: 20 Aug 2018 17:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 264 Resp: 4671

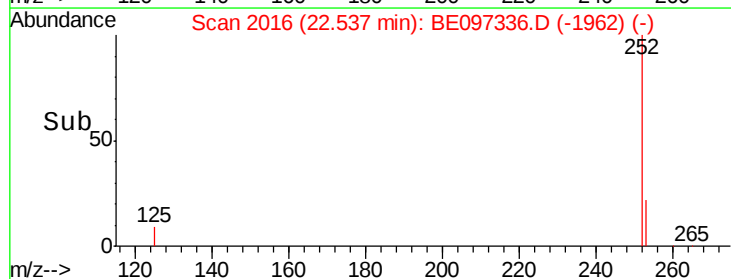
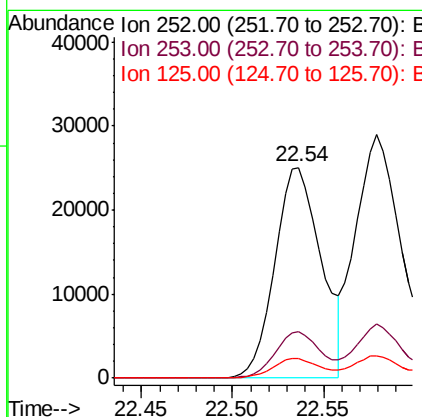
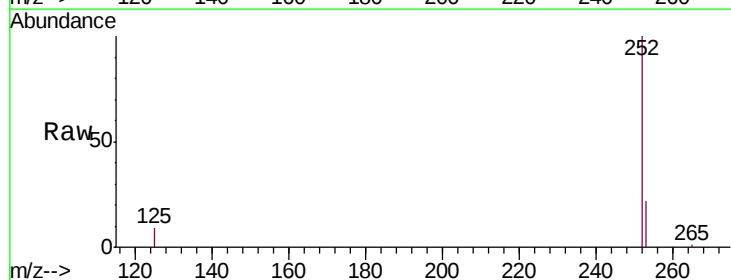
Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.5	30.7
265	27.9	22.8	34.2

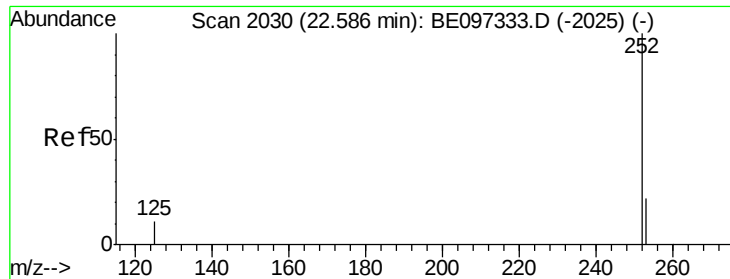


#35
Benzo(b)fluoranthene
Concen: 3.794 ng
RT: 22.54 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BE097336.D
Acq: 20 Aug 2018 17:20

Tgt Ion: 252 Resp: 44067

Ion	Ratio	Lower	Upper
252	100		
253	22.3	20.0	30.0
125	9.2	16.0	24.0





#36

Benzo(k)fluoranthene

Concen: 4.115 ng

RT: 22.58 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

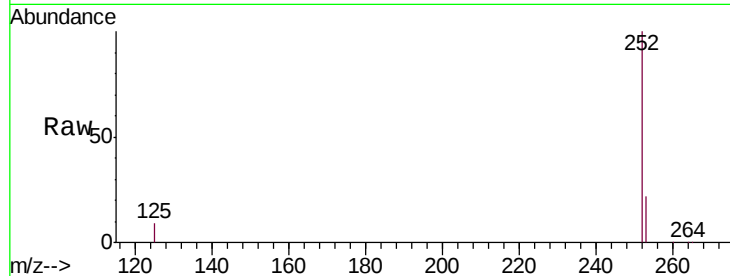
Tgt Ion:252 Resp: 58131

Ion Ratio Lower Upper

252 100

253 22.0 16.0 24.0

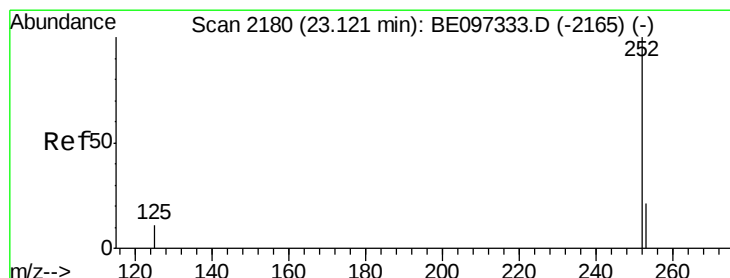
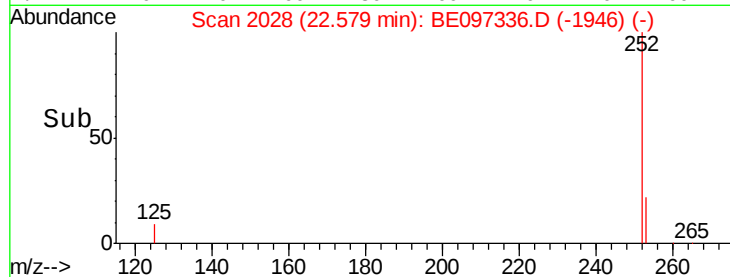
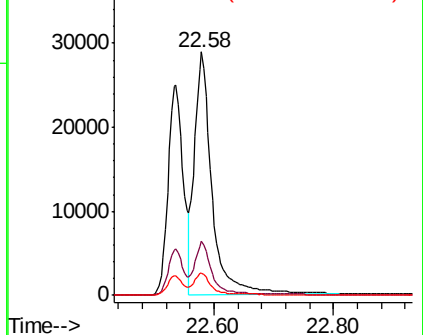
125 9.3 8.0 12.0



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: 3.569 ng

RT: 23.11 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

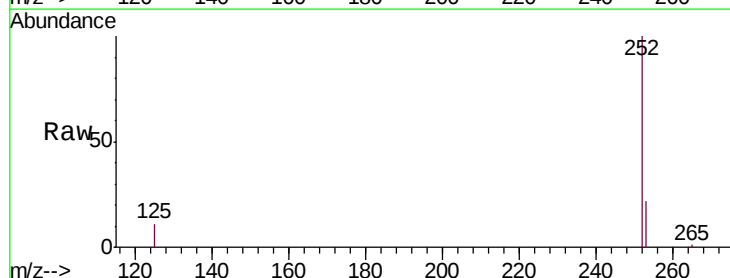
Tgt Ion:252 Resp: 41628

Ion Ratio Lower Upper

252 100

253 22.1 16.0 24.0

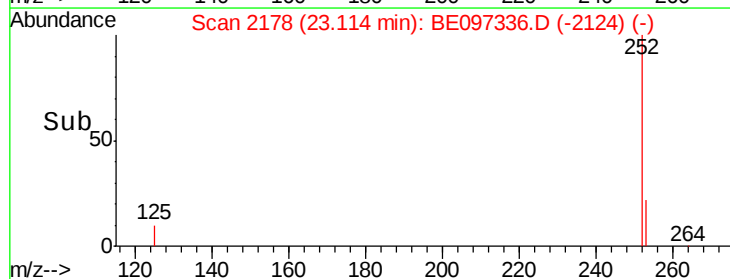
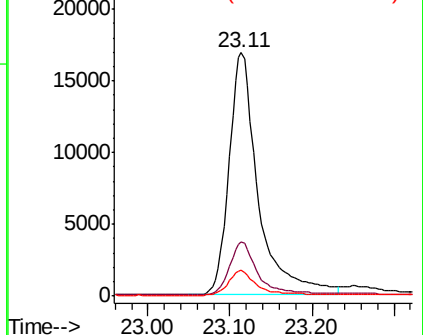
125 10.5 12.0 18.0#

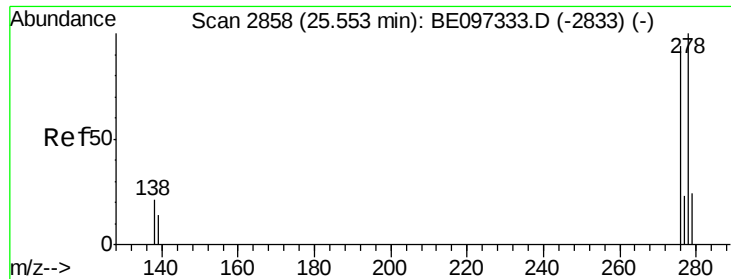


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 3.071 ng

RT: 25.54 min Scan# 2853

Delta R.T. -0.02 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

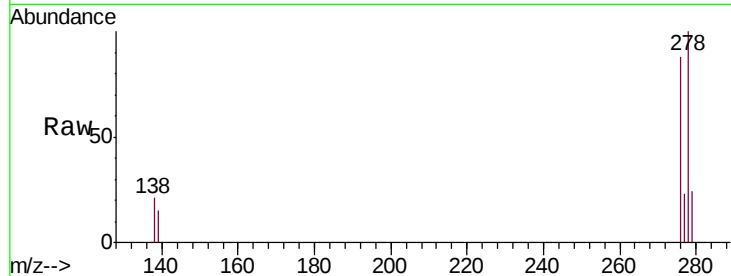
Tgt Ion:278 Resp: 35362

Ion Ratio Lower Upper

278 100

139 14.7 16.0 24.0#

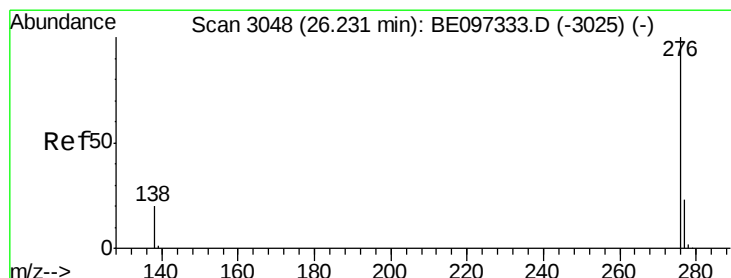
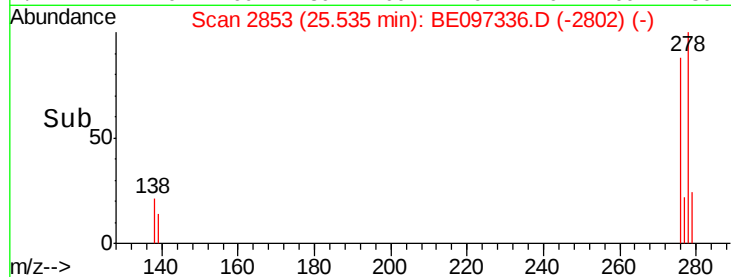
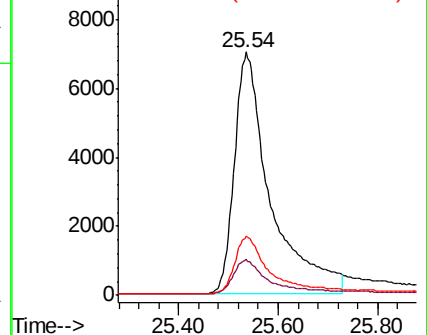
279 24.2 20.0 30.0



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(g,h,i)perylene

Concen: 2.907 ng

RT: 26.21 min Scan# 3042

Delta R.T. -0.02 min

Lab File: BE097336.D

Acq: 20 Aug 2018 17:20

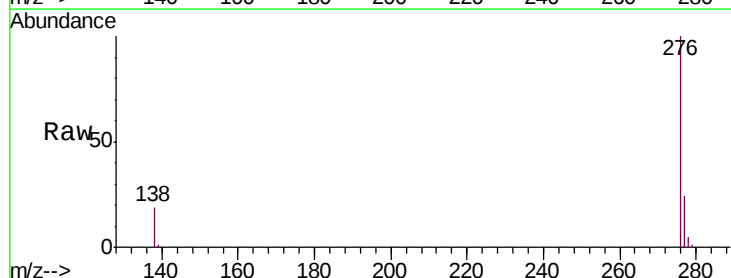
Tgt Ion:276 Resp: 33773

Ion Ratio Lower Upper

276 100

277 23.6 16.0 24.0

138 19.0 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

