

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
 Data File : BE097065.D
 Acq On : 24 Jul 2018 9:27
 Operator : SJ/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Jul 24 11:09:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 24 11:09:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1244	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6186	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3997	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	11069	0.40	ng	0.00
27) Chrysene-d12	20.98	240	9767	0.40	ng	0.00
34) Perylene-d12	23.21	264	8693	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	722	0.24	ng	0.00
5) Phenol-d6	6.59	99	987	0.22	ng	0.00
8) Nitrobenzene-d5	8.53	82	1034	0.23	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	1884	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	250	0.25	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	2788	0.19	ng	0.00
25) Fluoranthene-d10	18.81	212	21070	0.22	ng	0.00
29) Terphenyl-d14	19.43	244	3827	0.20	ng	0.00

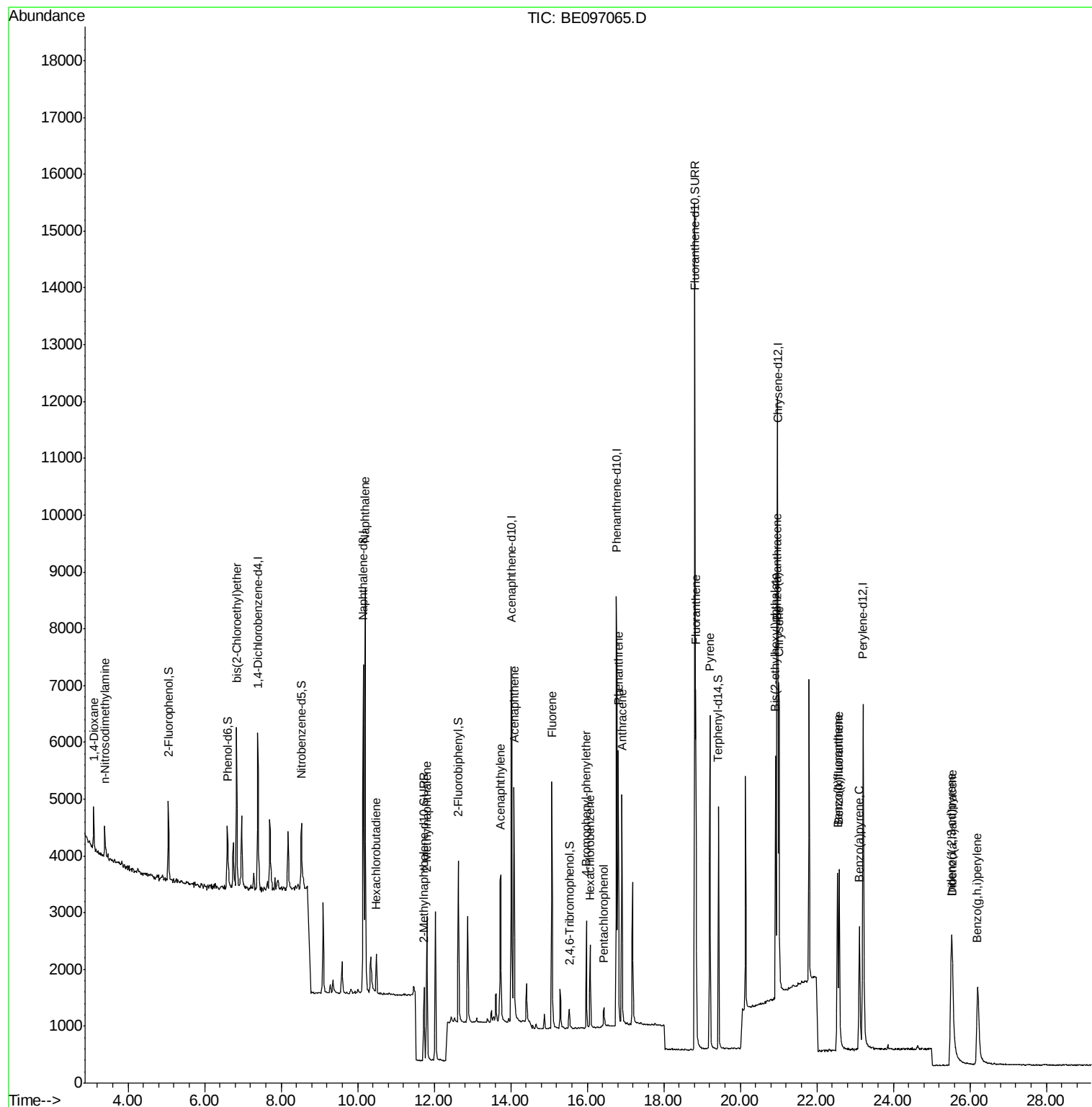
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.09	88	361	0.203	ng	# 85
3) n-Nitrosodimethylamine	3.38	42	448	0.224	ng	# 90
6) bis(2-Chloroethyl)ether	6.84	93	972	0.218	ng	# 88
9) Naphthalene	10.20	128	11344	0.205	ng	# 99
10) Hexachlorobutadiene	10.48	225	505	0.226	ng	# 95
12) 2-Methylnaphthalene	11.81	142	1923	0.205	ng	# 98
16) Acenaphthylene	13.74	152	3562	0.195	ng	# 99
17) Acenaphthene	14.08	154	2097	0.185	ng	# 91
18) Fluorene	15.07	166	2743	0.215	ng	# 79
20) 4-Bromophenyl-phenylether	15.97	248	1058	0.202	ng	# 77
21) Hexachlorobenzene	16.08	284	1177	0.202	ng	# 83
22) Pentachlorophenol	16.44	266	246	0.258	ng	# 82
23) Phenanthrene	16.81	178	5176	0.195	ng	# 98
24) Anthracene	16.90	178	4458	0.193	ng	# 95
26) Fluoranthene	18.84	202	5541	0.198	ng	# 98
28) Pyrene	19.21	202	5482	0.190	ng	# 99
30) Benzo(a)anthracene	20.96	228	4985	0.214	ng	# 99
31) Chrysene	21.02	228	5145	0.197	ng	# 98
32) Bis(2-ethylhexyl)phthalate	20.92	149	5558	0.239	ng	# 100
33) Indeno(1,2,3-cd)pyrene	25.51	276	4669	0.246	ng	# 90
35) Benzo(b)fluoranthene	22.54	252	4218	0.190	ng	# 91
36) Benzo(k)fluoranthene	22.58	252	4881	0.185	ng	# 91
37) Benzo(a)pyrene	23.11	252	3782	0.191	ng	# 94
38) Dibenzo(a,h)anthracene	25.54	278	3871	0.239	ng	# 97
39) Benzo(g,h,i)perylene	26.20	276	4267	0.237	ng	# 91

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

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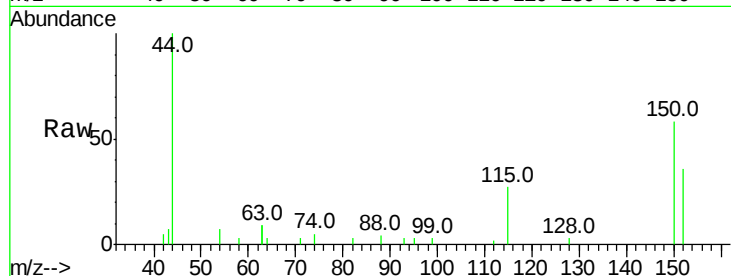


#1

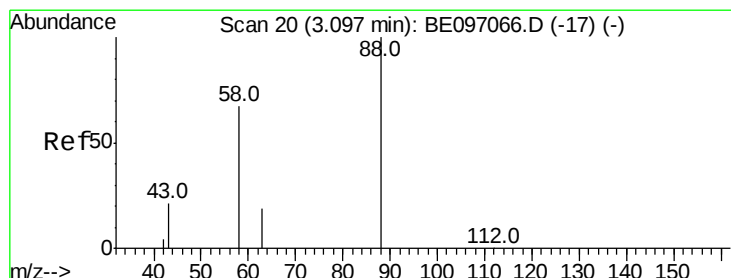
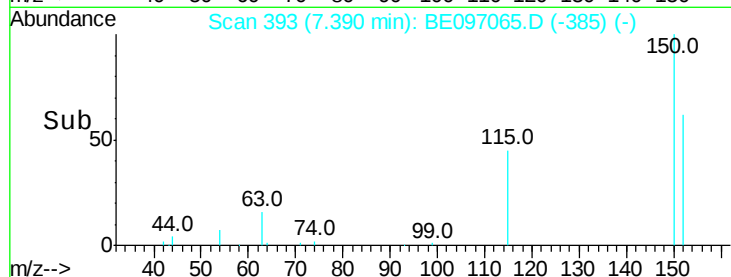
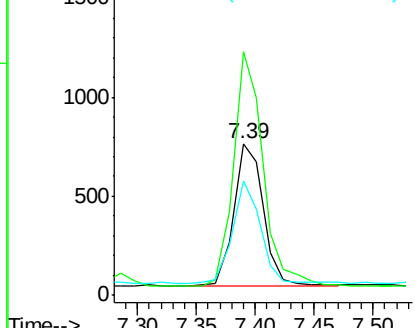
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097065.D
Acq: 24 Jul 2018 9:27

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:152 Resp: 1244
Ion Ratio Lower Upper
152 100
150 160.7 117.2 175.8
115 75.3 57.0 85.6



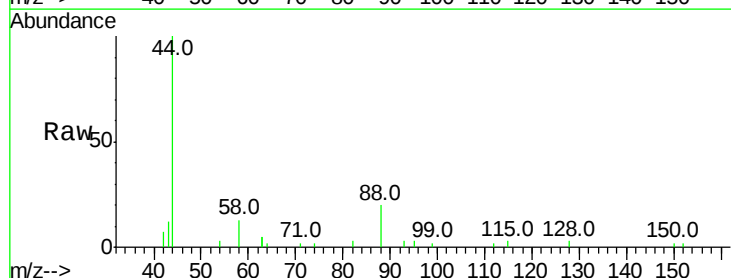
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



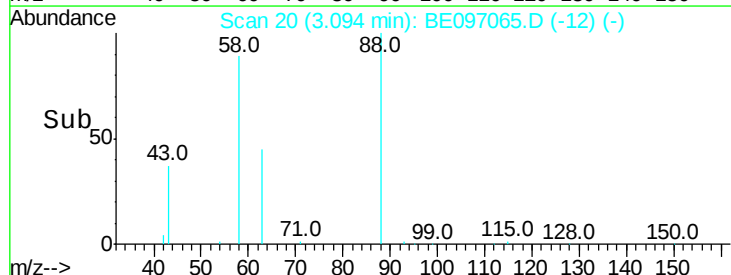
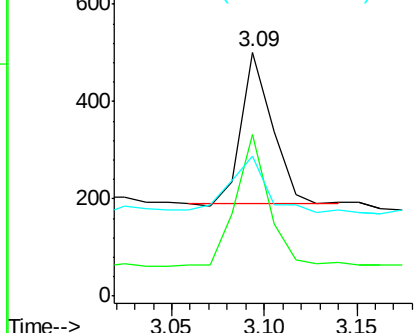
#2

1,4-Dioxane
Concen: 0.203 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097065.D
Acq: 24 Jul 2018 9:27

Tgt Ion: 88 Resp: 361
Ion Ratio Lower Upper
88 100
58 95.0 63.2 94.8#
43 43.8 41.2 61.8



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0

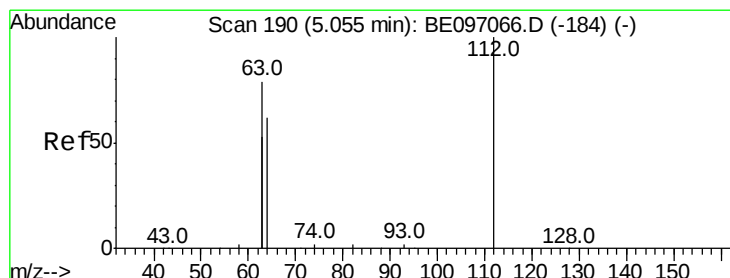
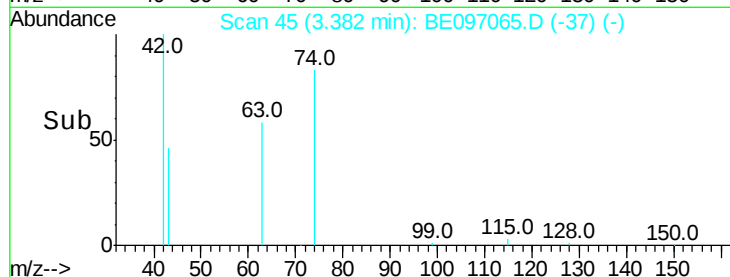
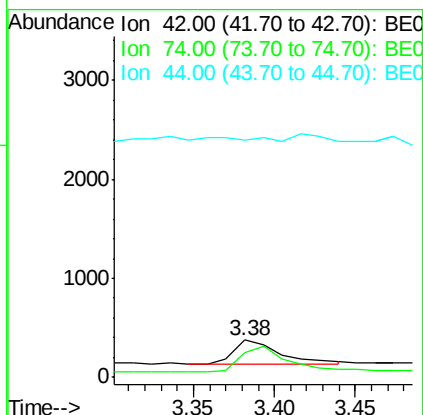
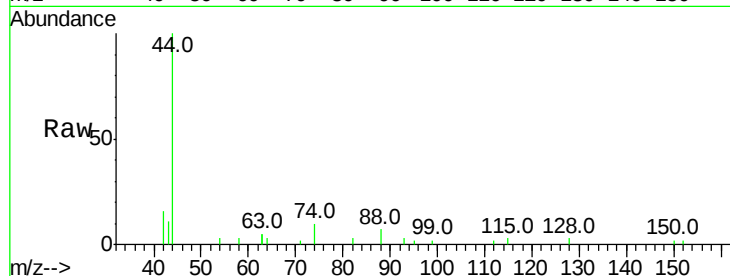




#3
n-Nitrosodimethylamine
Concen: 0.224 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097065.D
Acq: 24 Jul 2018 9:27

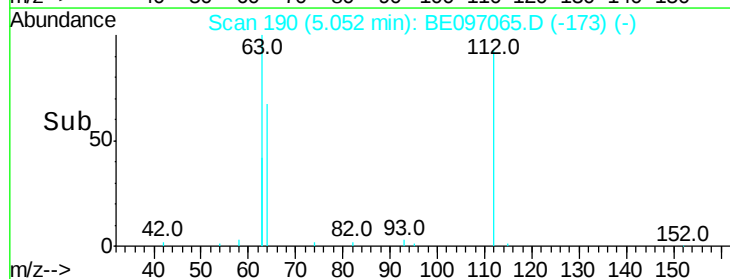
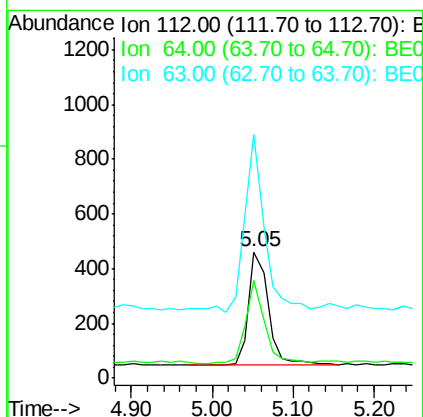
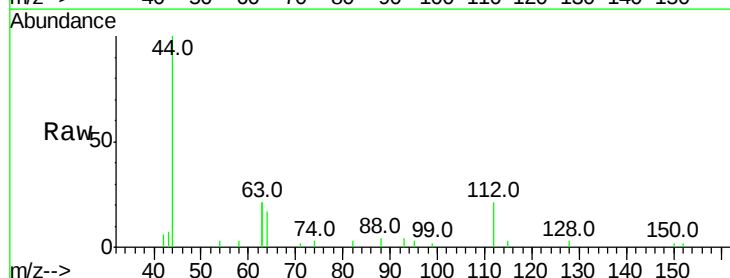
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

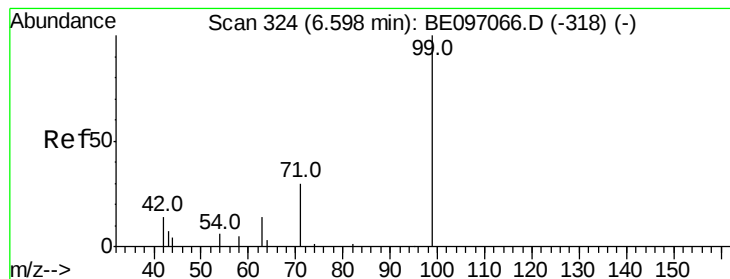
Tot Ion: 42 Resp: 448
Ion Ratio Lower Upper
42 100
74 112.5 96.0 144.0
44 0.0 12.0 18.0#



#4
2-Fluorophenol
Concen: 0.243 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097065.D
Acq: 24 Jul 2018 9:27

Tgt Ion: 112 Resp: 722
Ion Ratio Lower Upper
112 100
64 66.5 60.1 90.1
63 142.0 116.8 175.2





#5

Phenol-d6

Concen: 0.217 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

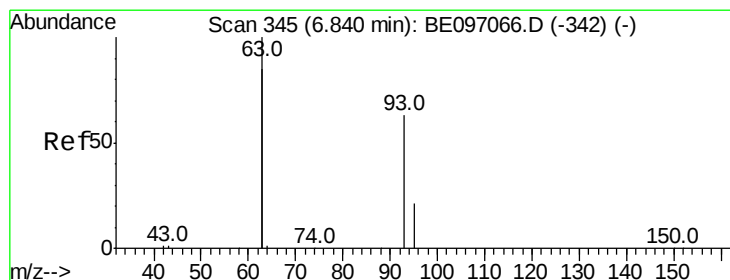
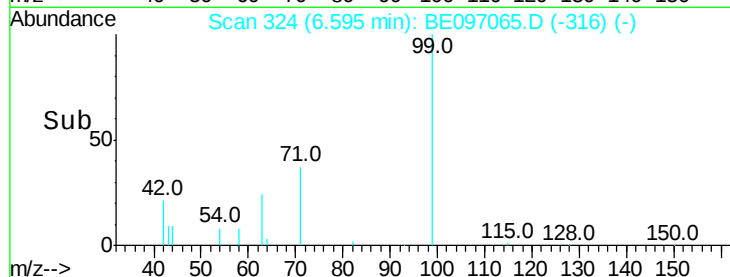
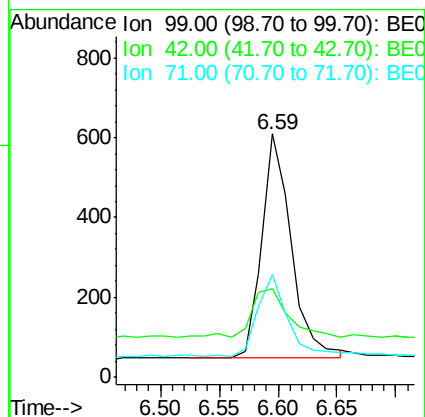
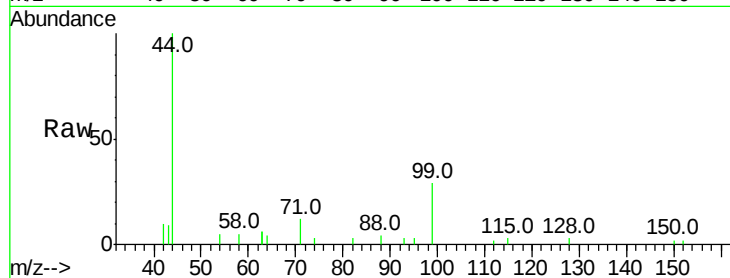
Tot Ion: 99 Resp: 987

Ion Ratio Lower Upper

99 100

42 27.4 20.2 30.2

71 36.6 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.218 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

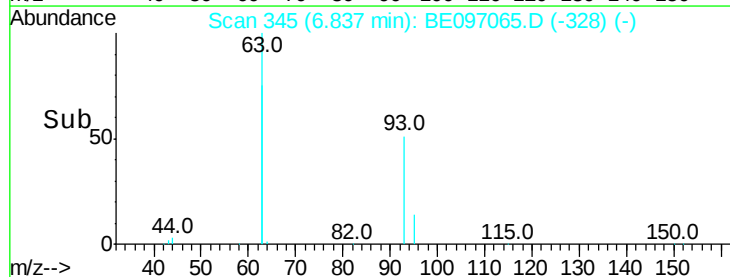
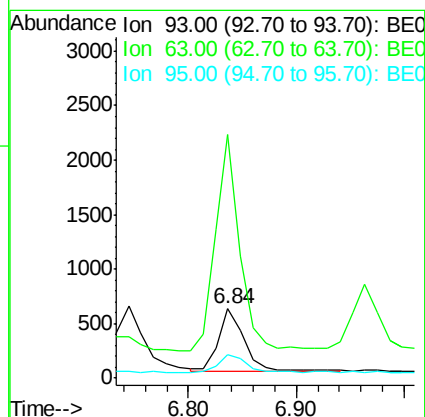
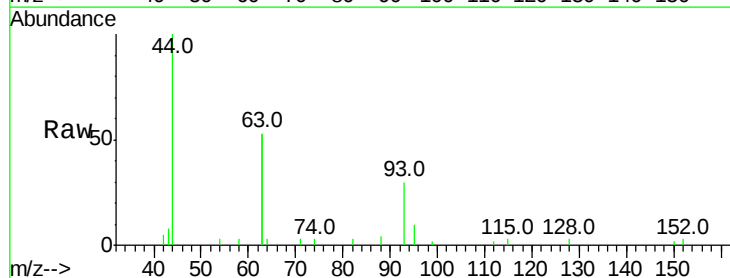
Tgt Ion: 93 Resp: 972

Ion Ratio Lower Upper

93 100

63 317.9 275.3 412.9

95 29.2 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 6186

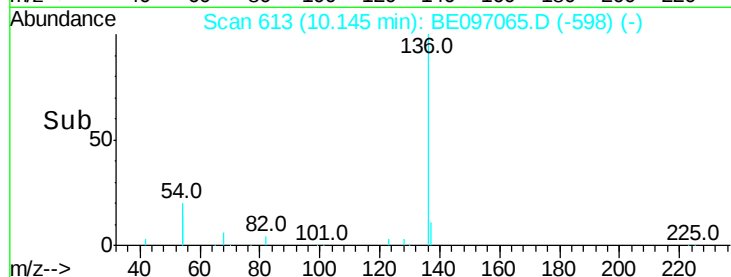
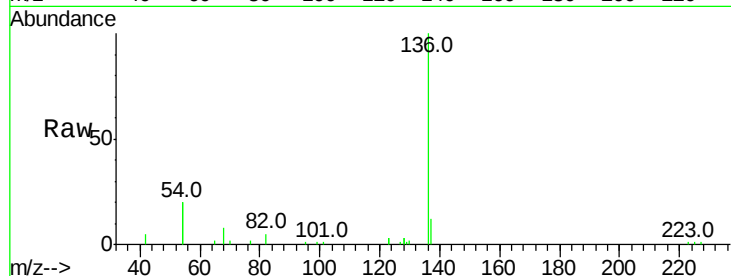
Ion Ratio Lower Upper

136 100

137 12.2 9.5 14.3

54 39.6 29.1 43.7

68 7.7 6.2 9.2



Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->

10.15

4000

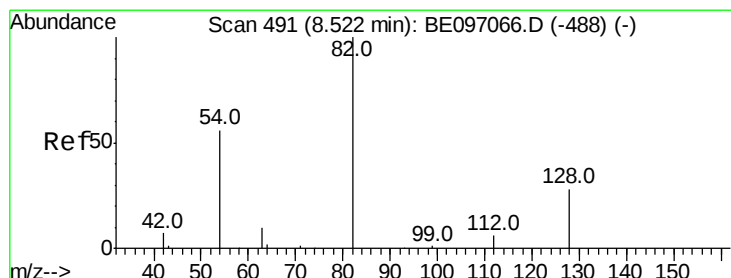
3000

2000

1000

0

10.00 10.10 10.20 10.30



#8

Nitrobenzene-d5

Concen: 0.229 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

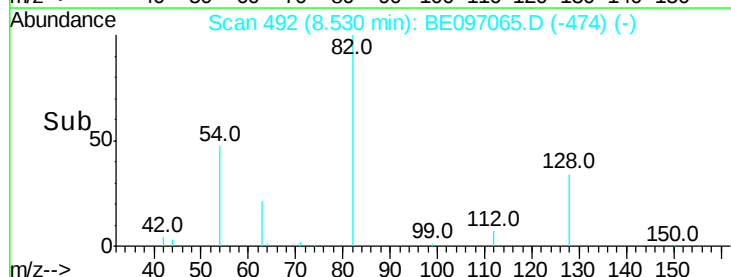
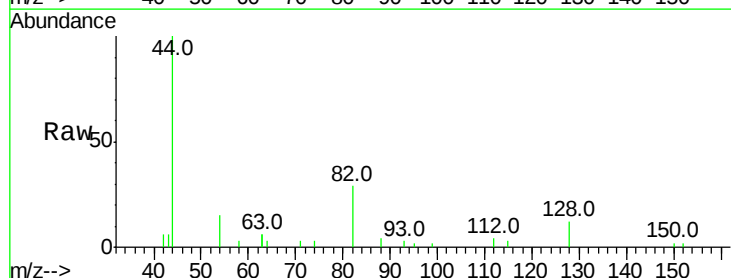
Tgt Ion: 82 Resp: 1034

Ion Ratio Lower Upper

82 100

128 40.3 24.0 36.0#

54 52.3 40.0 60.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

Time-->

8.53

800

600

400

200

0

8.50 8.55 8.60 8.65 8.70



#9

Naphthalene

Concen: 0.205 ng

RT: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

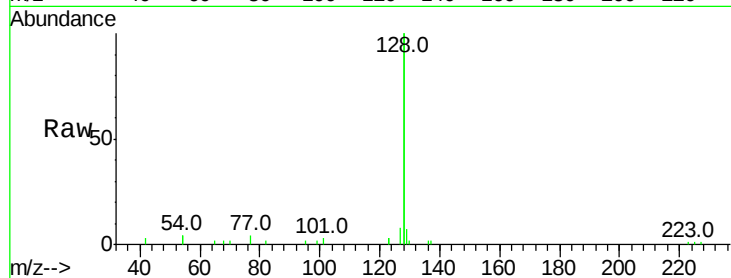
Tot Ion:128 Resp: 11344

Ion Ratio Lower Upper

128 100

129 3.5 2.6 3.8

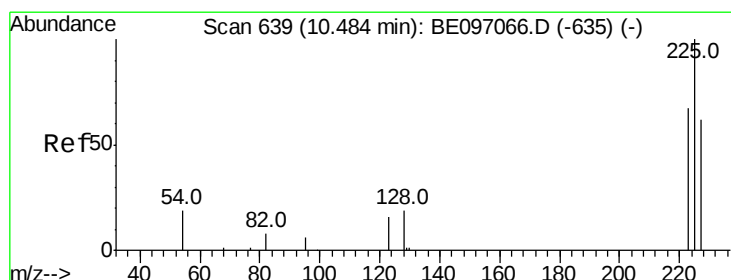
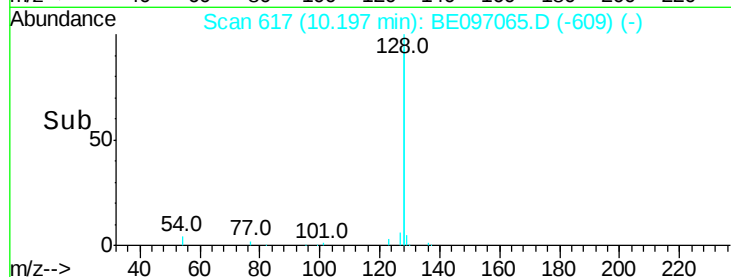
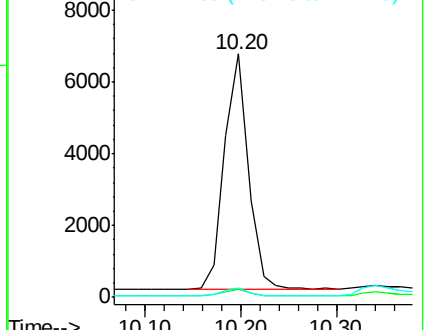
127 3.8 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.226 ng

RT: 10.48 min Scan# 639

Delta R.T. -0.00 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

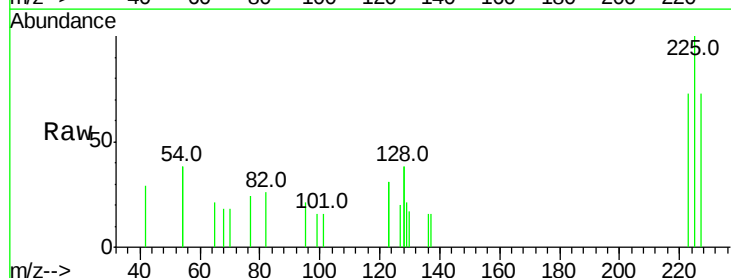
Tgt Ion:225 Resp: 505

Ion Ratio Lower Upper

225 100

223 63.8 53.0 79.6

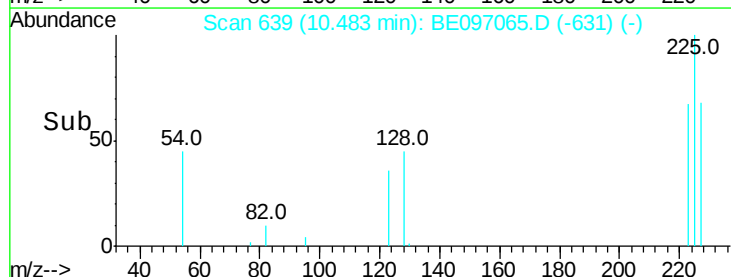
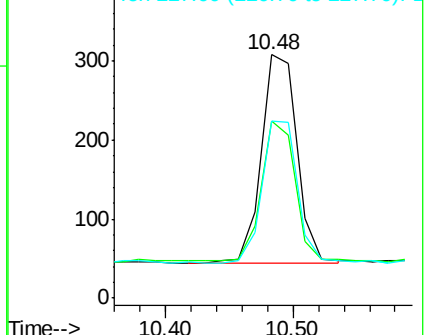
227 69.7 51.4 77.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.209 ng

RT: 11.73 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

Instrument :

BNA_E

ClientSampleId :

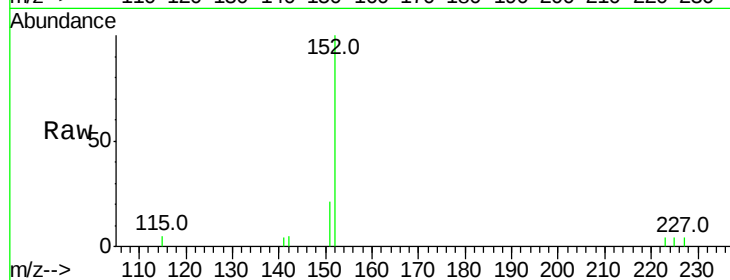
SSTDIC0.2

Tot Ion:152 Resp: 1884

Ion Ratio Lower Upper

152 100

151 18.8 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.73

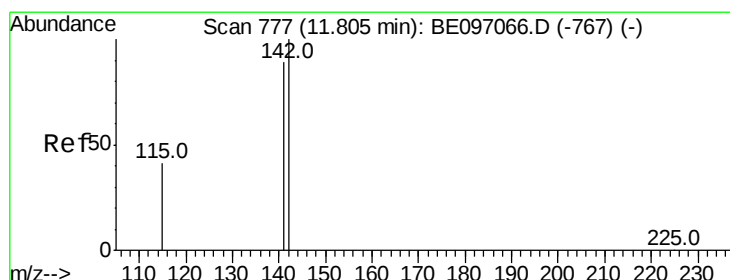
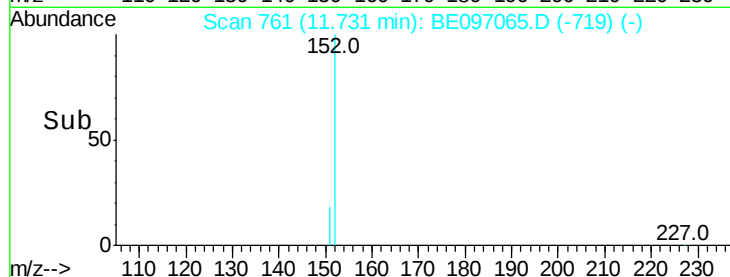
1000

500

0

Time-->

11.70 11.80



#12

2-Methylnaphthalene

Concen: 0.205 ng

RT: 11.81 min Scan# 777

Delta R.T. 0.00 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

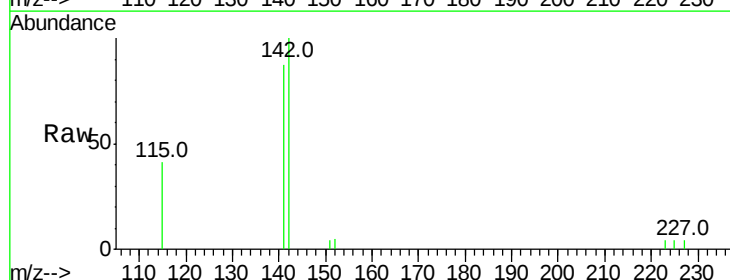
Tgt Ion:142 Resp: 1923

Ion Ratio Lower Upper

142 100

141 86.7 70.4 105.6

115 41.1 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

1500

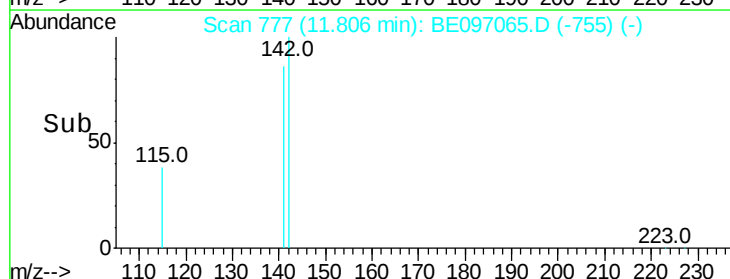
1000

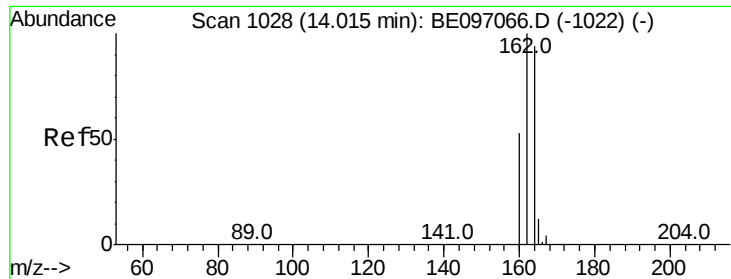
500

0

Time-->

11.70 11.80 11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

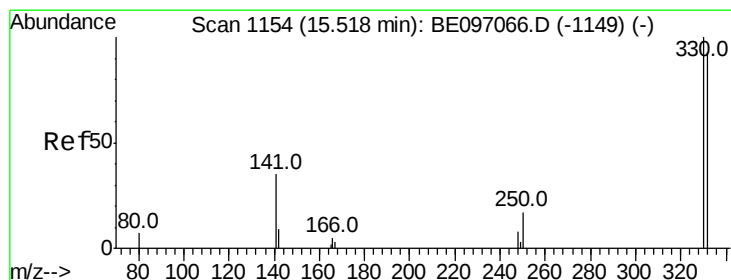
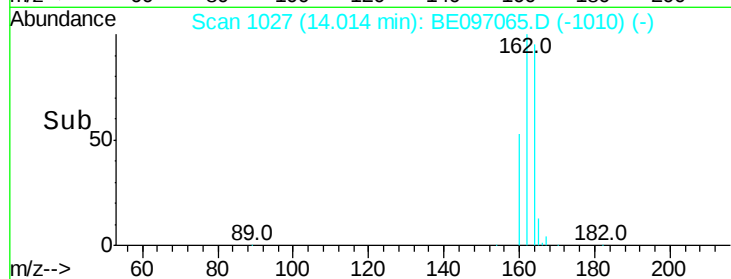
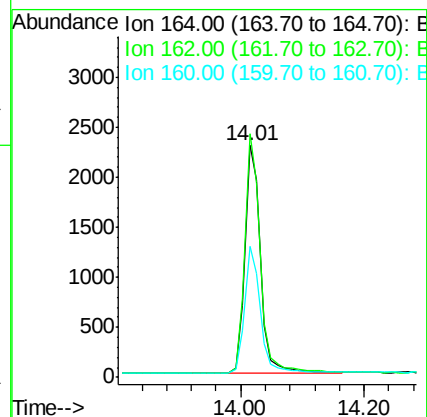
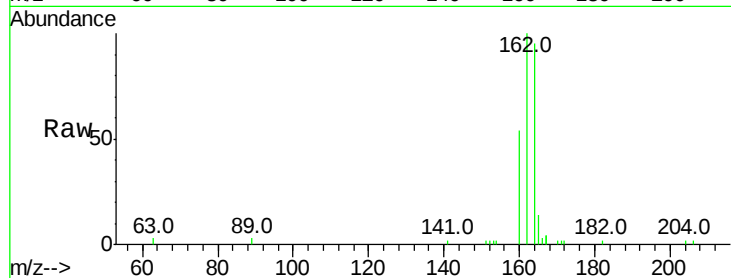
Tot Ion:164 Resp: 3997

Ion Ratio Lower Upper

164 100

162 105.1 83.1 124.7

160 56.5 37.1 55.7#



#14

2,4,6-Tribromophenol

Concen: 0.247 ng

RT: 15.53 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

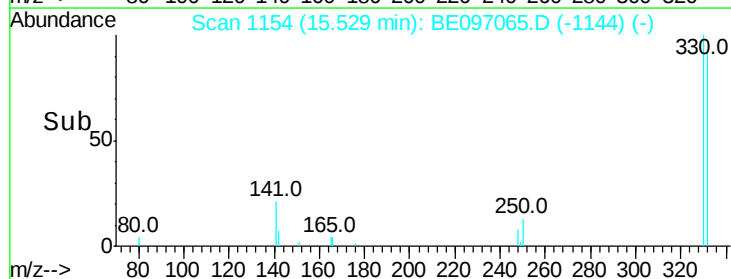
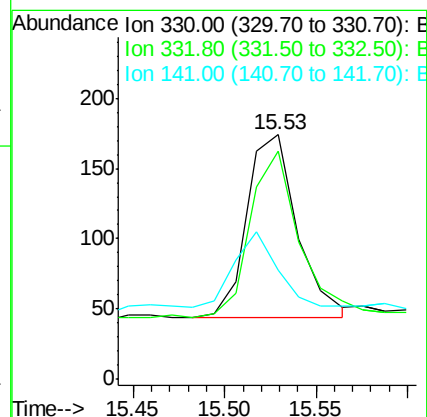
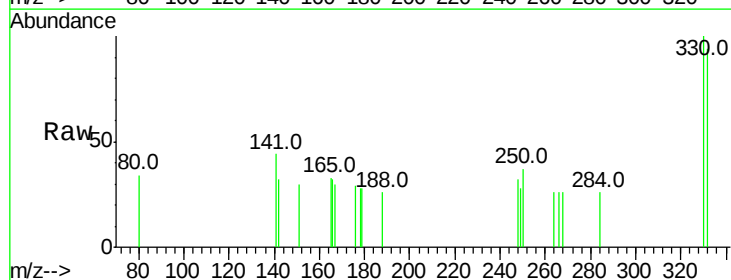
Tgt Ion:330 Resp: 250

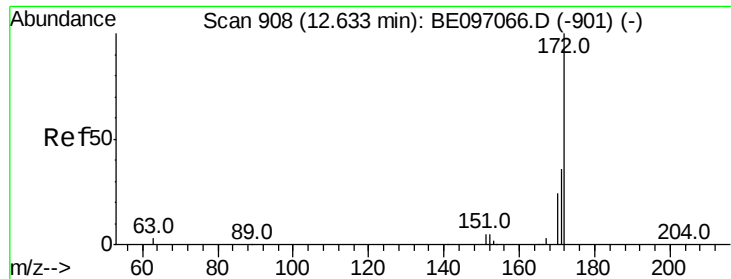
Ion Ratio Lower Upper

330 100

332 90.4 152.7 229.1#

141 36.8 33.7 50.5

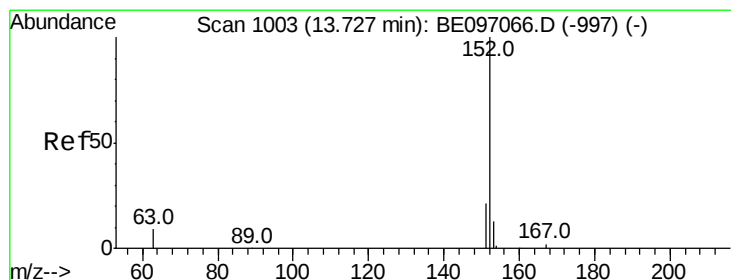
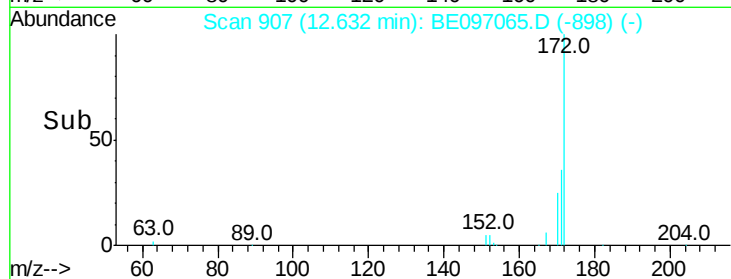
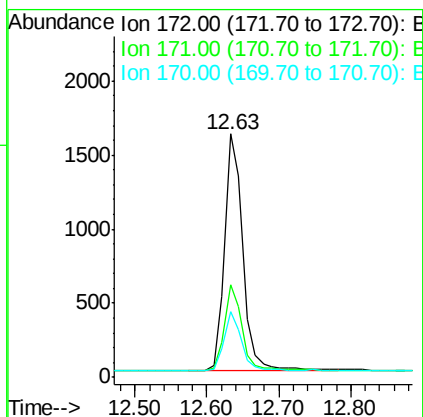
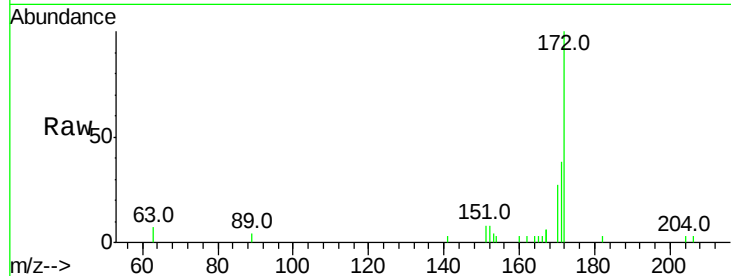




#15
2-Fluorobiphenyl
Concen: 0.188 ng
RT: 12.63 min Scan# 907
Delta R.T. -0.00 min
Lab File: BE097065.D
Acq: 24 Jul 2018 9:27

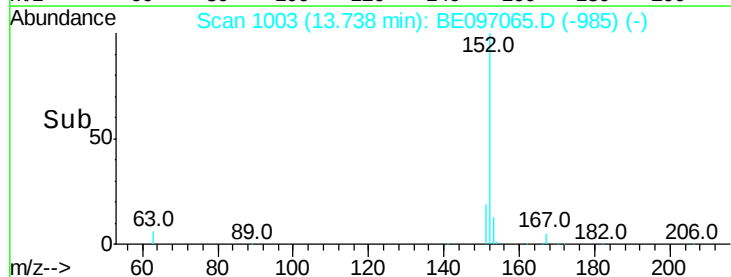
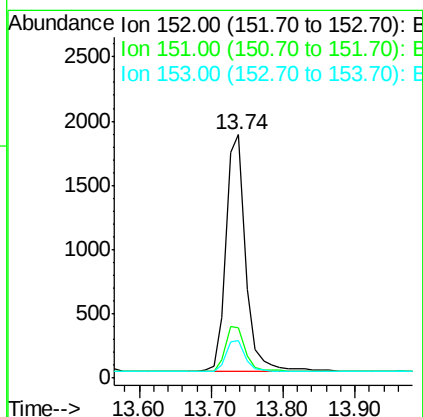
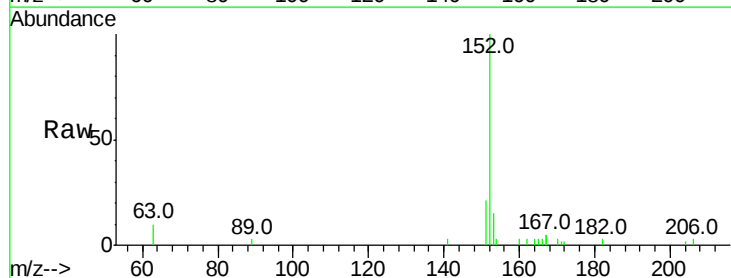
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:172 Resp: 2788
Ion Ratio Lower Upper
172 100
171 37.9 29.9 44.9
170 26.9 21.8 32.8



#16
Acenaphthylene
Concen: 0.195 ng
RT: 13.74 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BE097065.D
Acq: 24 Jul 2018 9:27

Tgt Ion:152 Resp: 3562
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.4 10.5 15.7





#17

Acenaphthene

Concen: 0.185 ng

RT: 14.08 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

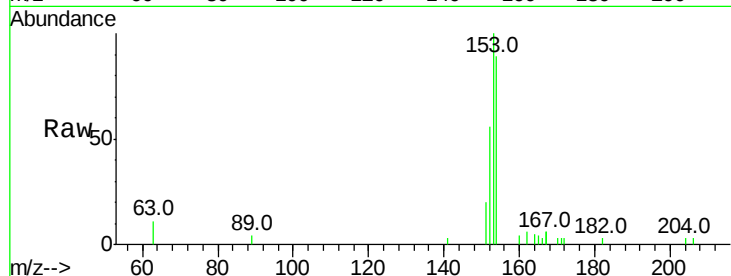
Tot Ion:154 Resp: 2097

Ion Ratio Lower Upper

154 100

153 115.8 89.2 133.8

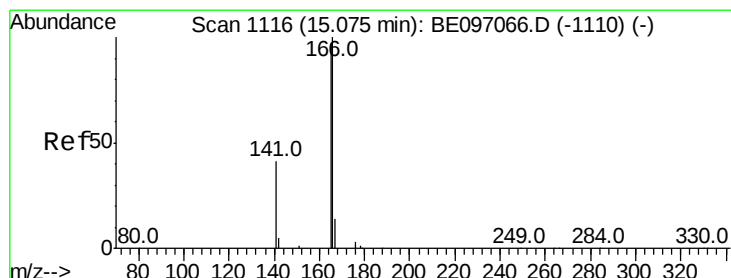
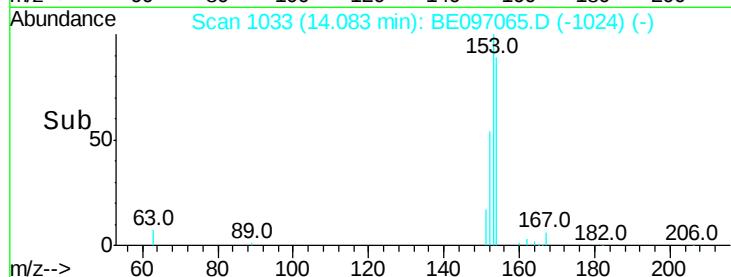
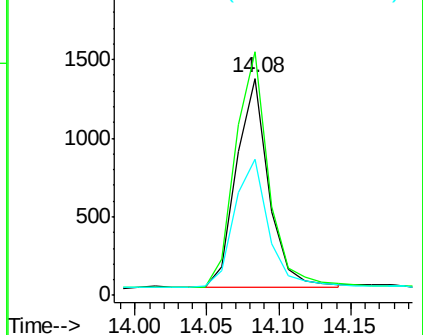
152 65.3 42.0 63.0#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.215 ng

RT: 15.07 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

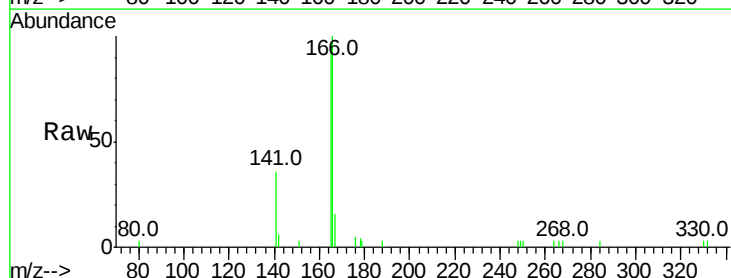
Tgt Ion:166 Resp: 2743

Ion Ratio Lower Upper

166 100

165 98.6 77.8 116.6

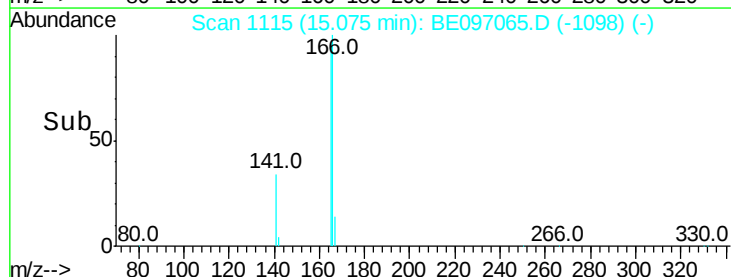
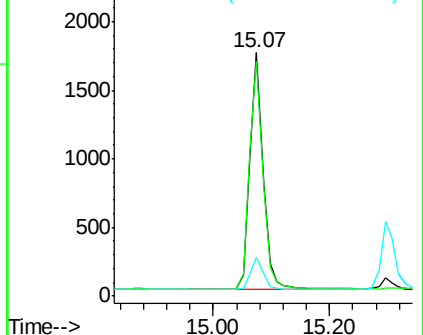
167 13.5 42.4 63.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.76 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

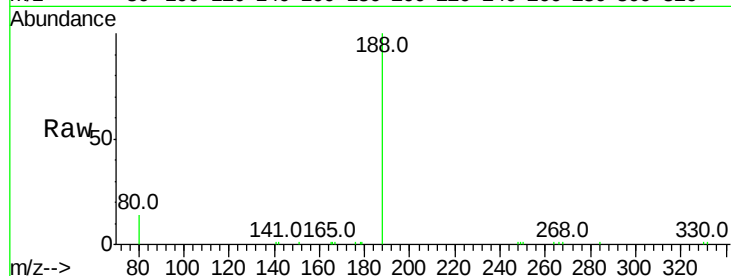
Tot Ion:188 Resp: 11069

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

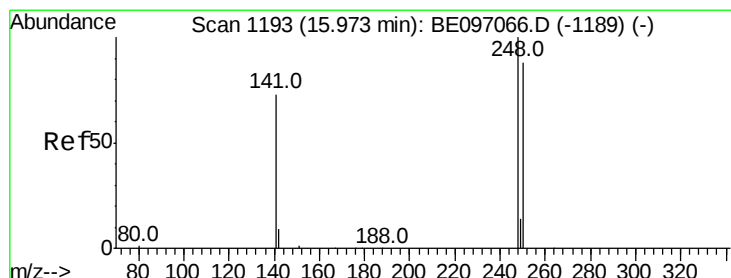
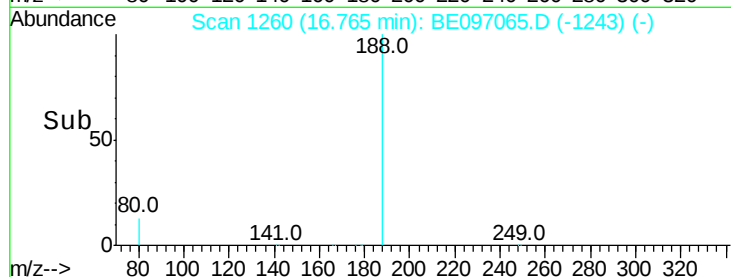
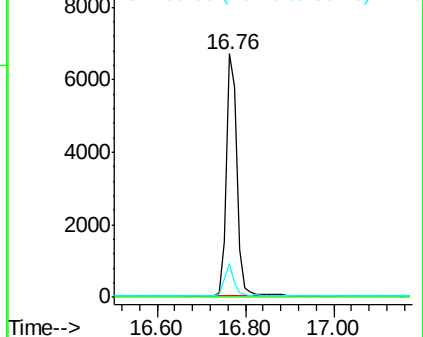
80 13.6 3.6 5.4#



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: 0.202 ng

RT: 15.97 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

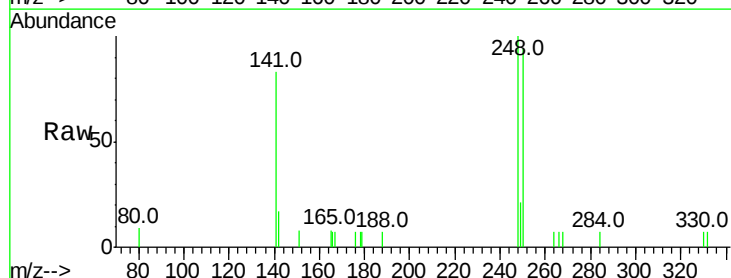
Tgt Ion:248 Resp: 1058

Ion Ratio Lower Upper

248 100

250 93.6 62.7 94.1

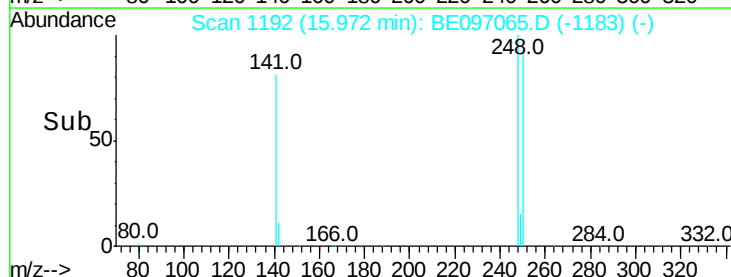
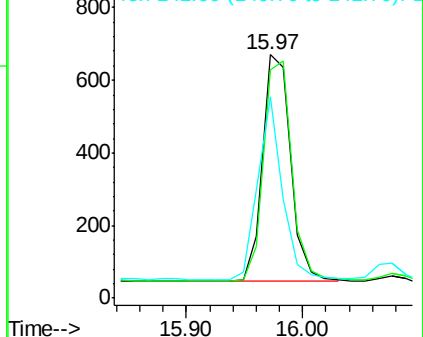
141 82.7 48.2 72.2#

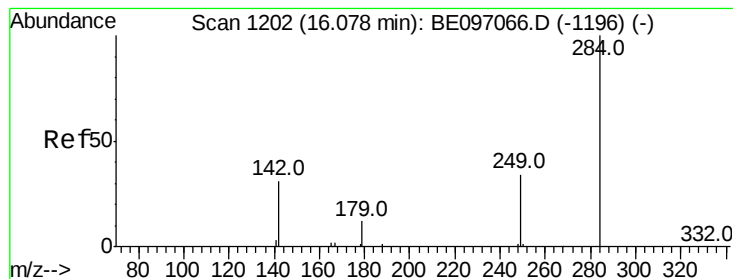


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.202 ng

RT: 16.08 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

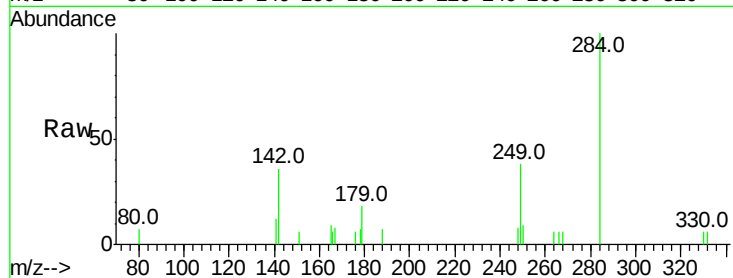
Tot Ion:284 Resp: 1177

Ion Ratio Lower Upper

284 100

142 34.3 22.1 33.1#

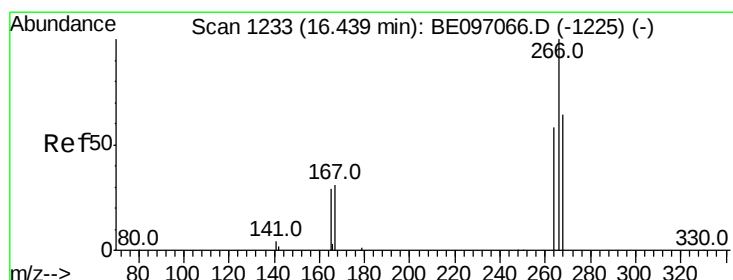
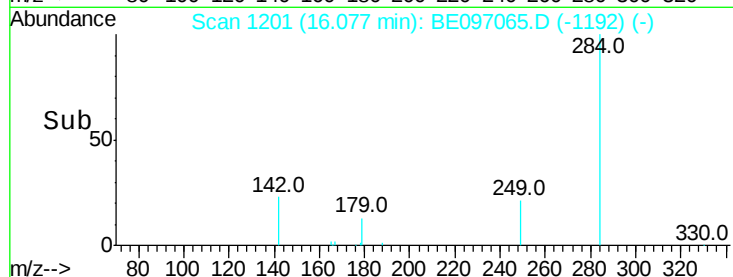
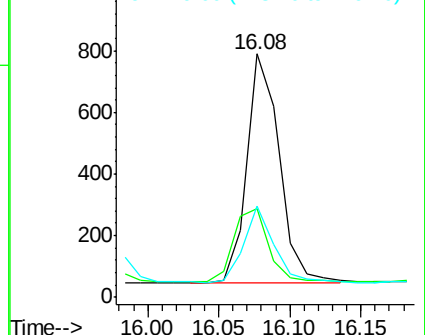
249 31.0 34.8 52.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.258 ng

RT: 16.44 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

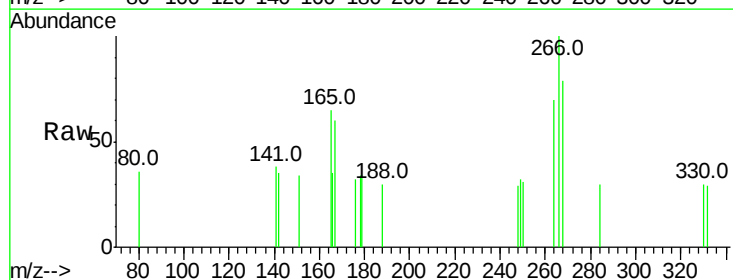
Tgt Ion:266 Resp: 246

Ion Ratio Lower Upper

266 100

264 70.1 72.5 108.7#

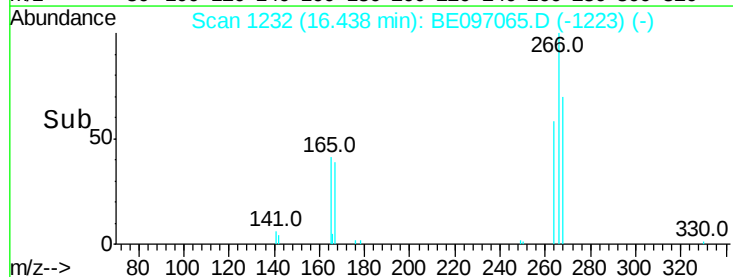
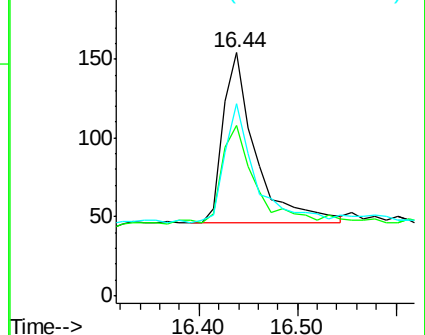
268 79.2 73.8 110.6



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.195 ng

RT: 16.81 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

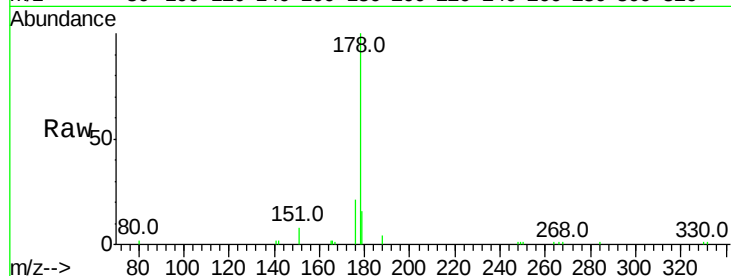
Tot Ion:178 Resp: 5176

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

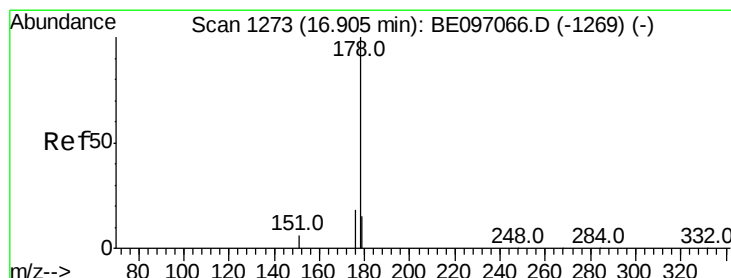
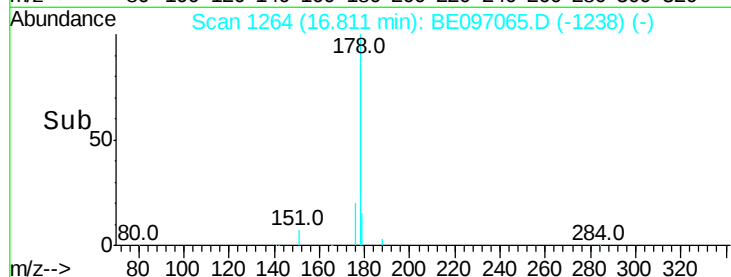
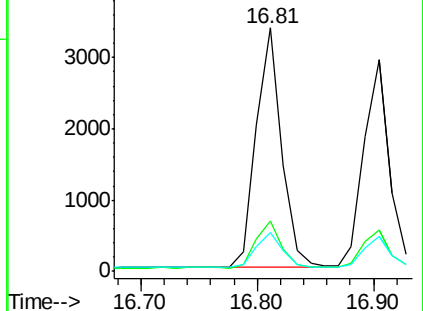
179 15.6 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.193 ng

RT: 16.90 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

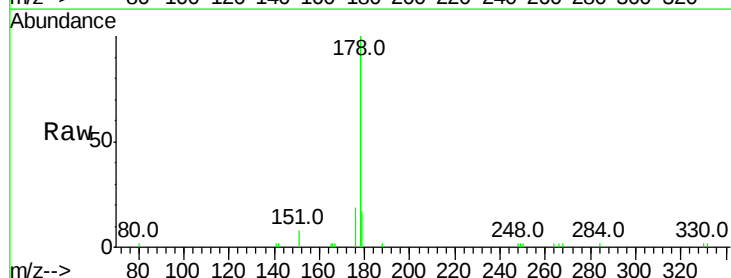
Tgt Ion:178 Resp: 4458

Ion Ratio Lower Upper

178 100

176 18.3 12.8 19.2

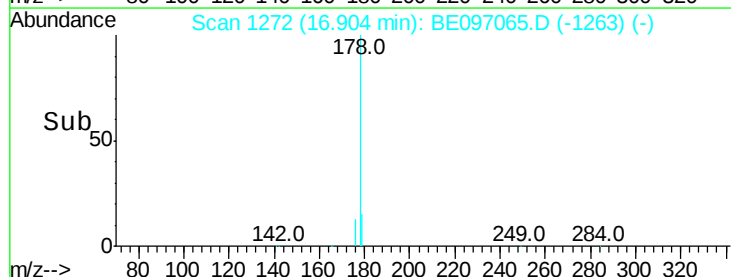
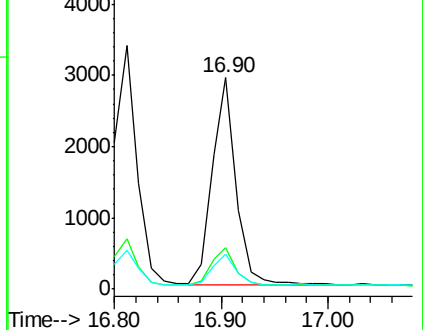
179 14.7 13.0 19.6

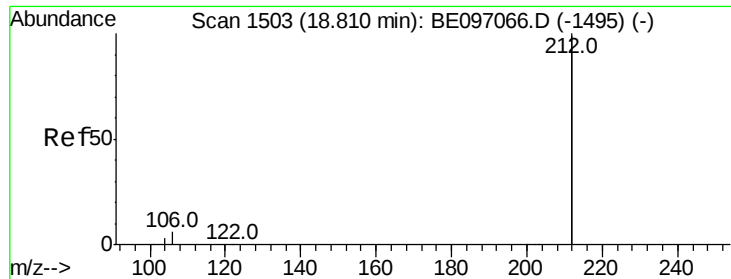


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.219 ng

RT: 18.81 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

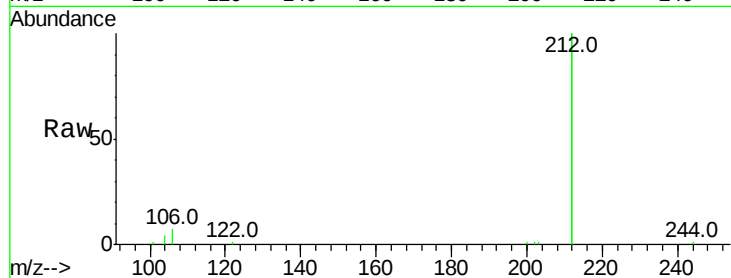
Tot Ion:212 Resp: 21070

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

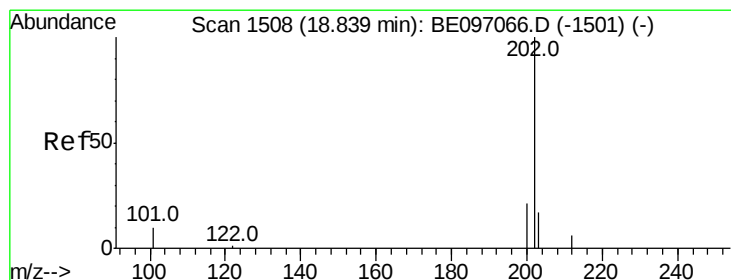
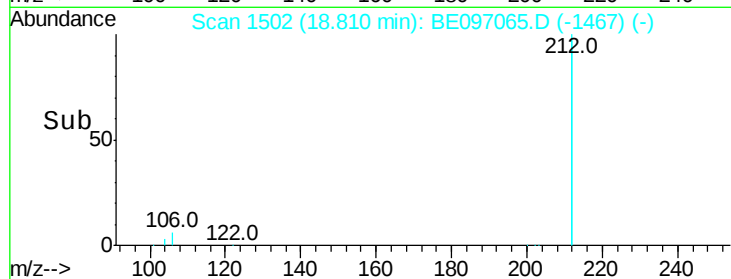
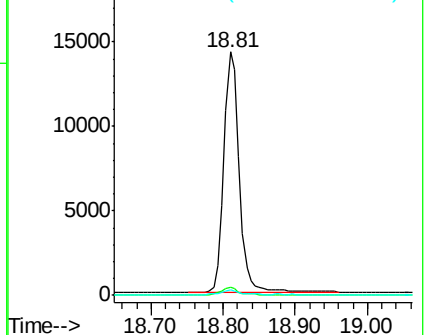
104 1.6 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.198 ng

RT: 18.84 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

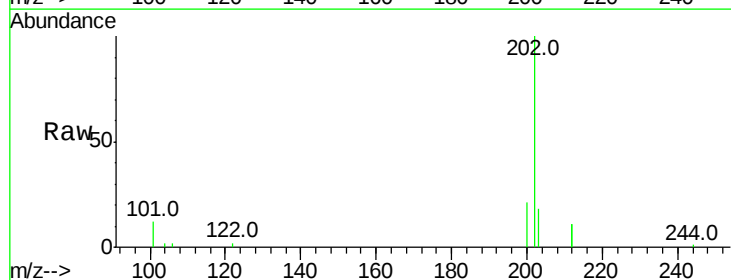
Tgt Ion:202 Resp: 5541

Ion Ratio Lower Upper

202 100

101 10.9 9.8 14.8

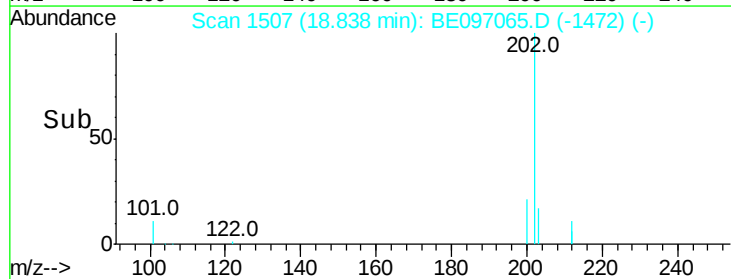
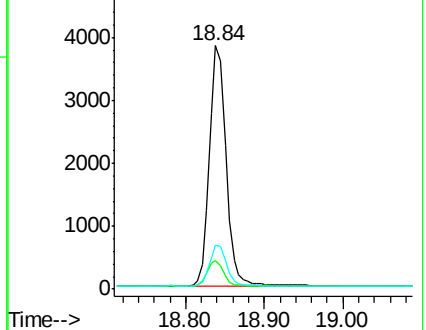
203 17.2 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

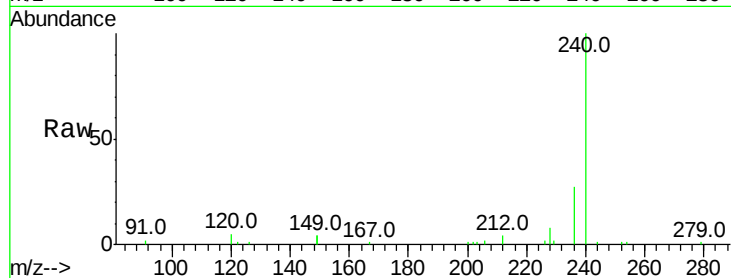
Tot Ion:240 Resp: 9767

Ion Ratio Lower Upper

240 100

120 5.0 5.5 8.3#

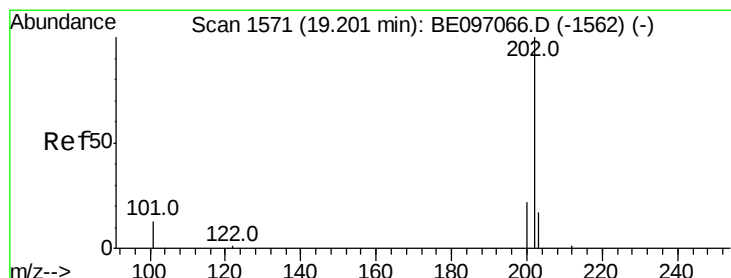
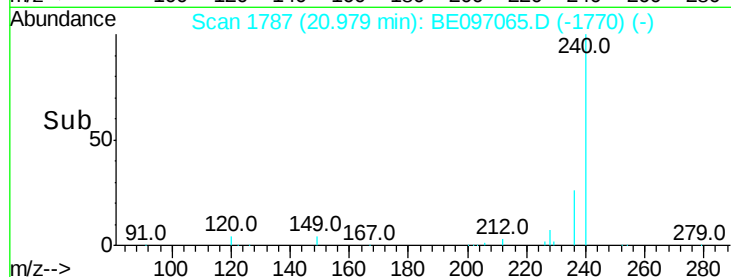
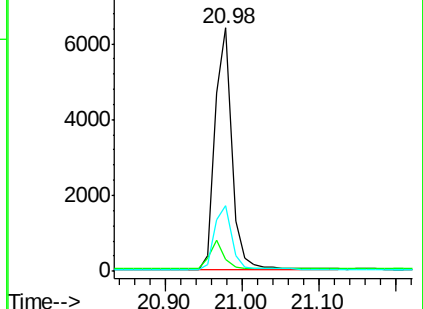
236 27.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.190 ng

RT: 19.21 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

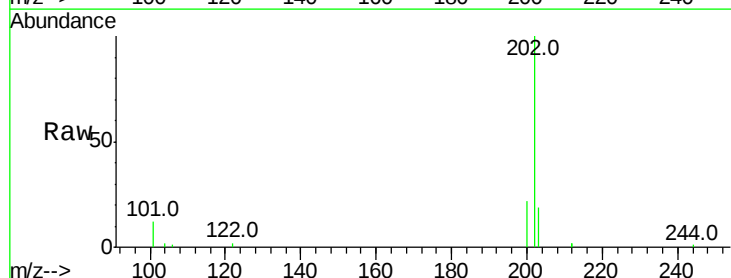
Tgt Ion:202 Resp: 5482

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

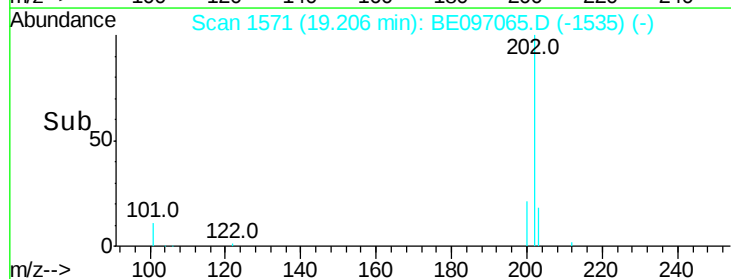
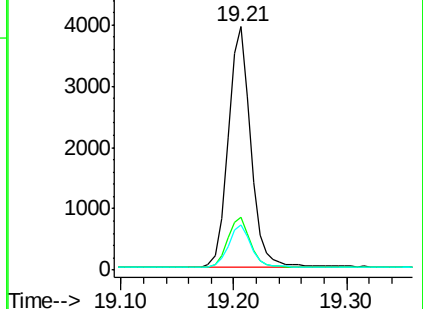
203 17.3 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.203 ng

RT: 19.43 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

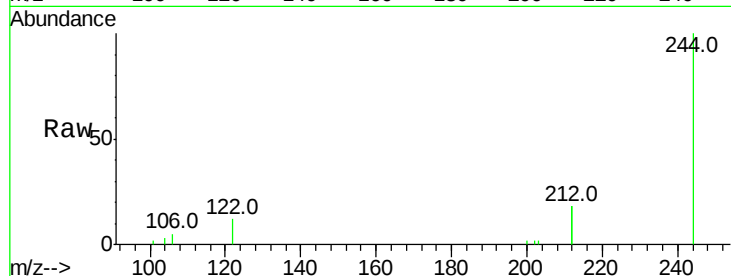
Tot Ion:244 Resp: 3827

Ion Ratio Lower Upper

244 100

212 36.3 25.4 38.0

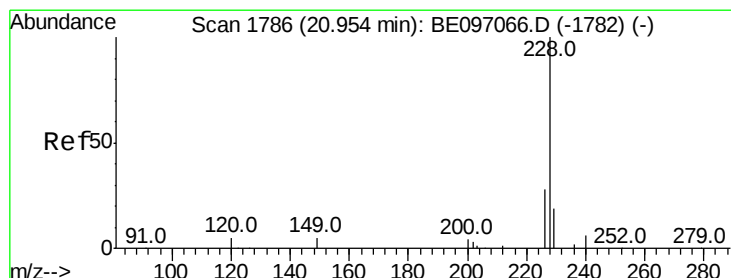
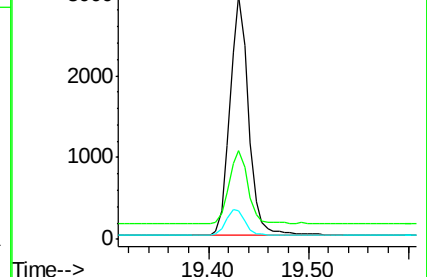
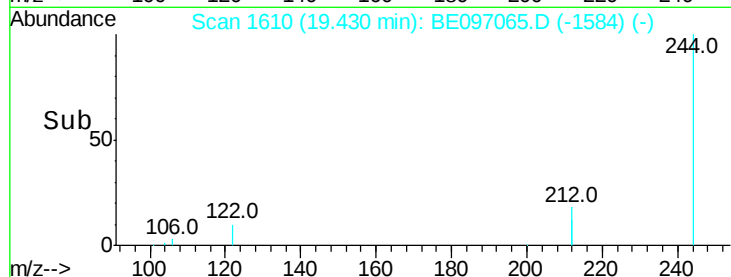
122 11.6 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.214 ng

RT: 20.96 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

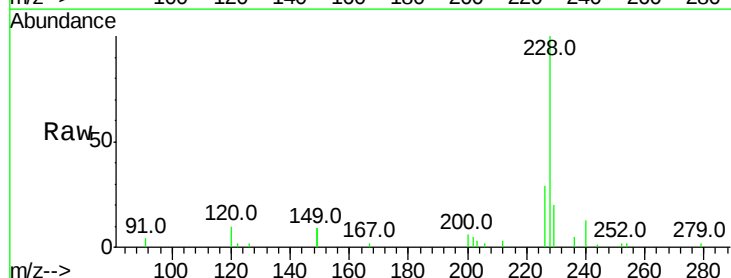
Tgt Ion:228 Resp: 4985

Ion Ratio Lower Upper

228 100

226 28.8 24.0 36.0

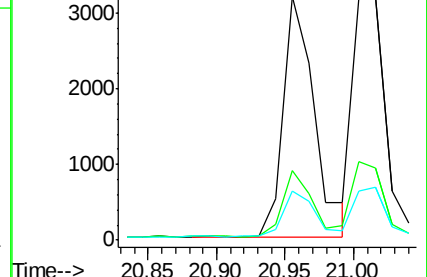
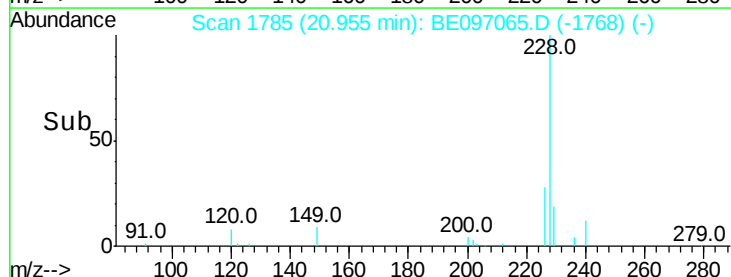
229 19.9 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.197 ng

RT: 21.02 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

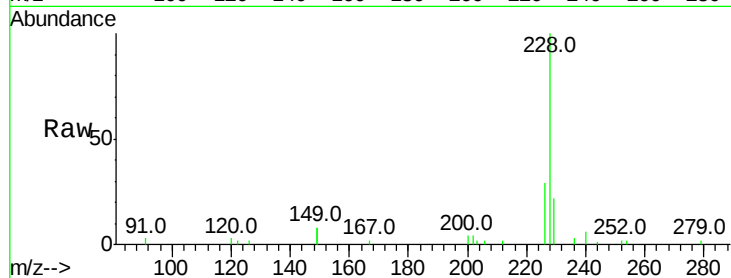
Tot Ion:228 Resp: 5145

Ion Ratio Lower Upper

228 100

226 29.5 24.0 36.0

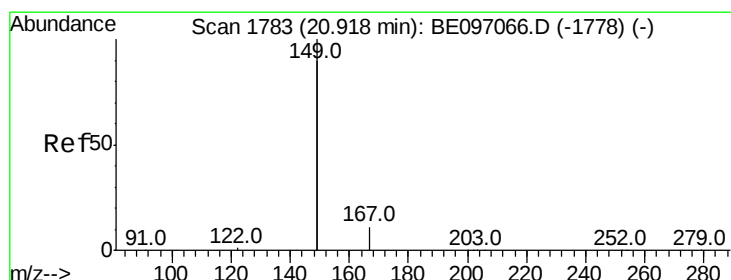
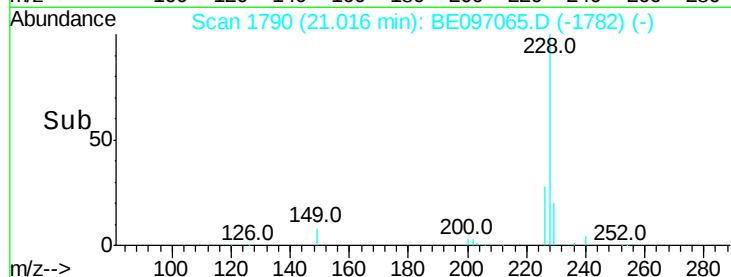
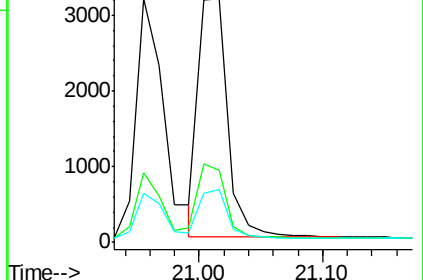
229 21.6 16.0 24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.239 ng

RT: 20.92 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

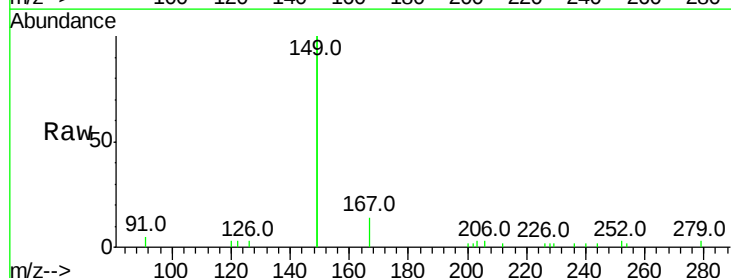
Tgt Ion:149 Resp: 5558

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

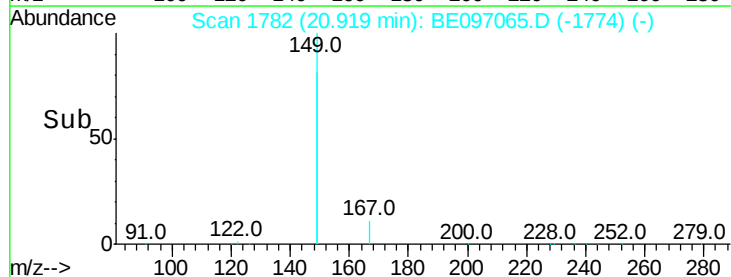
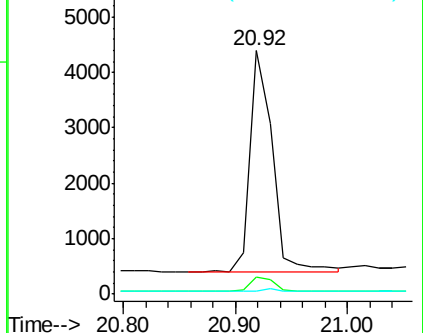
279 1.0 0.7 1.1

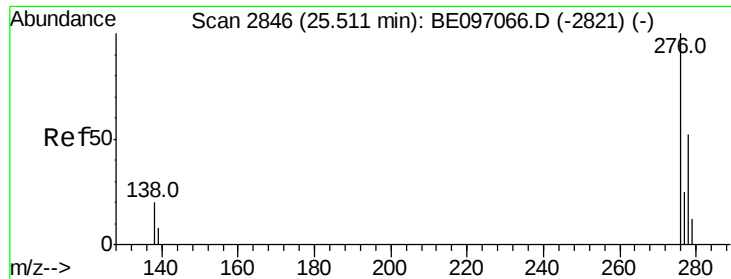


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.246 ng

RT: 25.51 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

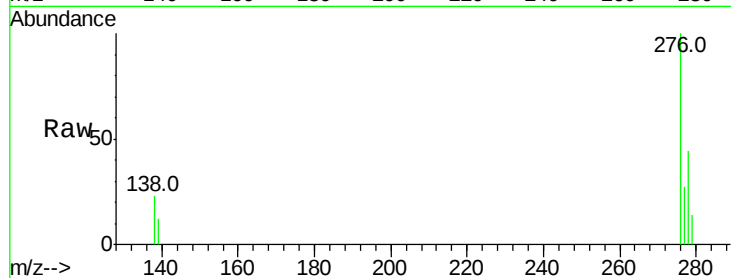
Tot Ion:276 Resp: 4669

Ion Ratio Lower Upper

276 100

138 18.9 22.5 33.7#

277 24.1 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

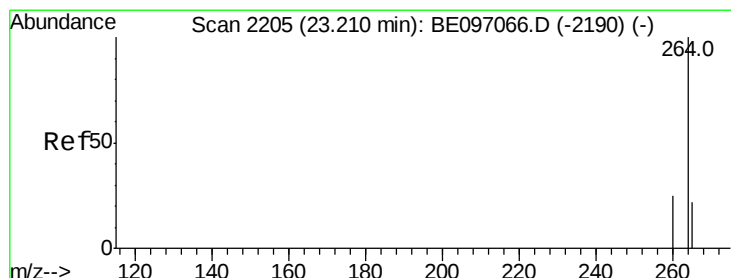
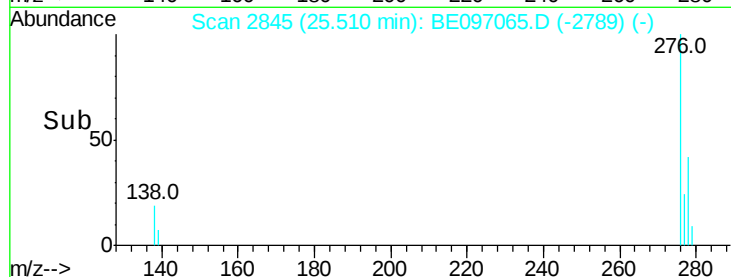
25.51

1000

500

0

Time-->



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

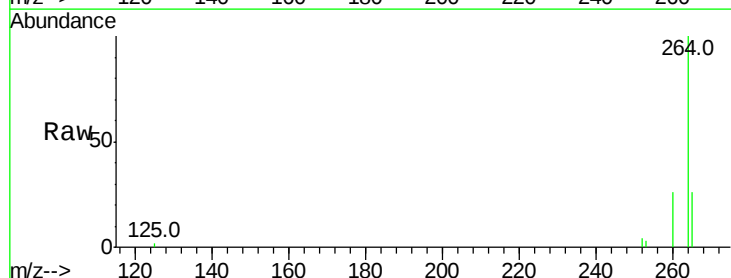
Tgt Ion:264 Resp: 8693

Ion Ratio Lower Upper

264 100

260 26.0 20.5 30.7

265 26.1 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

23.21

5000

4000

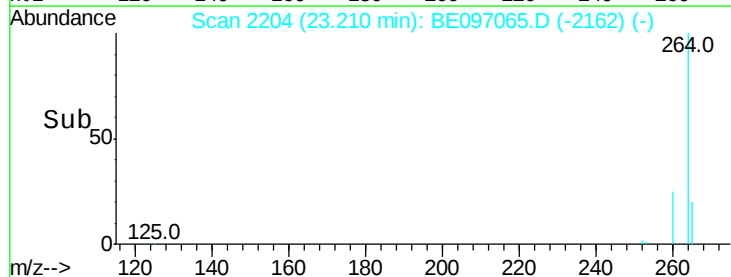
3000

2000

1000

0

Time-->





#35

Benzo(b)fluoranthene

Concen: 0.190 ng

RT: 22.54 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

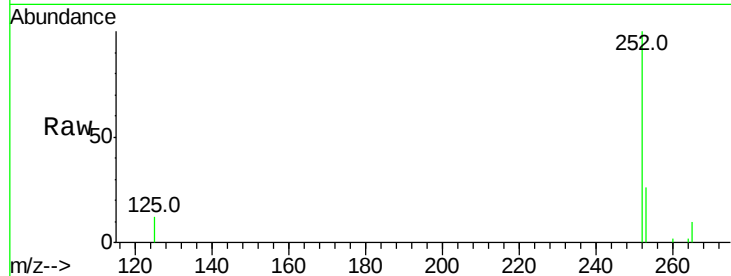
Tot Ion:252 Resp: 4218

Ion Ratio Lower Upper

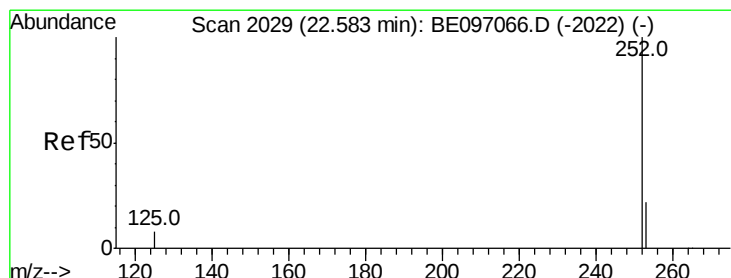
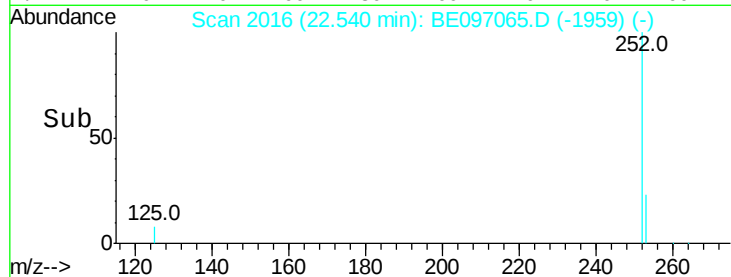
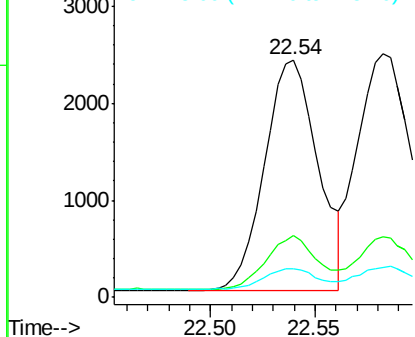
252 100

253 25.9 20.0 30.0

125 12.0 16.0 24.0#



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



#36

Benzo(k)fluoranthene

Concen: 0.185 ng

RT: 22.58 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

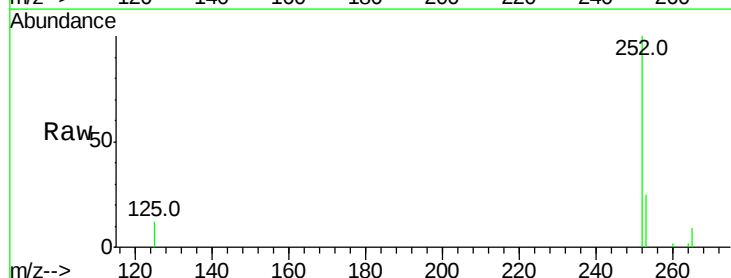
Tgt Ion:252 Resp: 4881

Ion Ratio Lower Upper

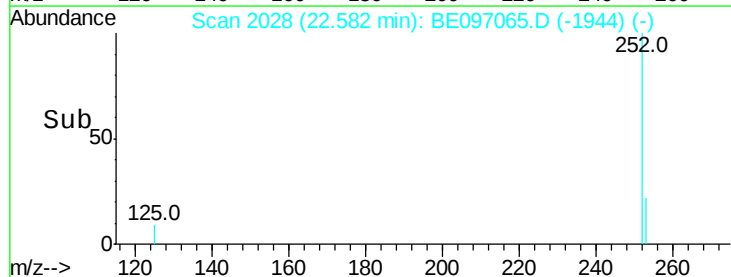
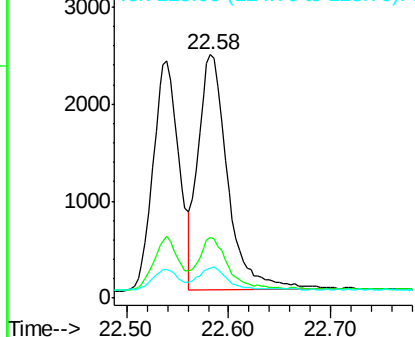
252 100

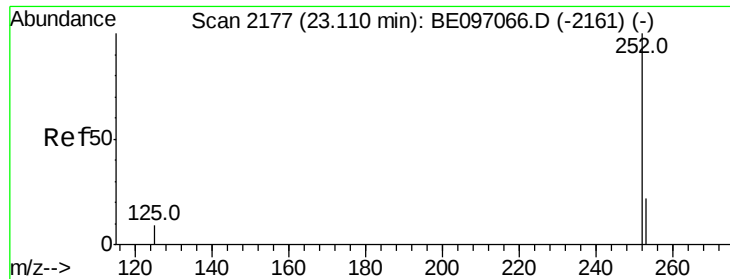
253 24.9 16.0 24.0#

125 12.2 8.0 12.0#



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





#37

Benzo(a)pyrene

Concen: 0.191 ng

RT: 23.11 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

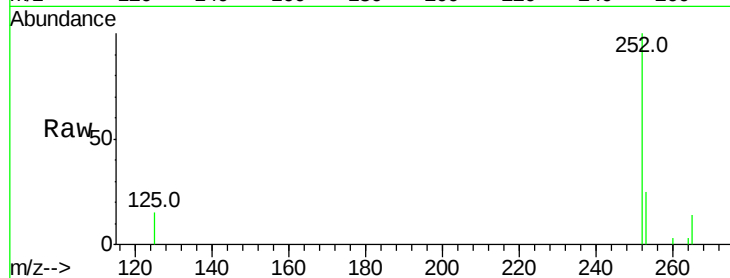
Tot Ion:252 Resp: 3782

Ion Ratio Lower Upper

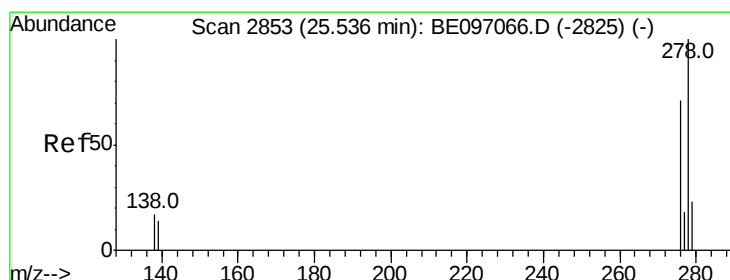
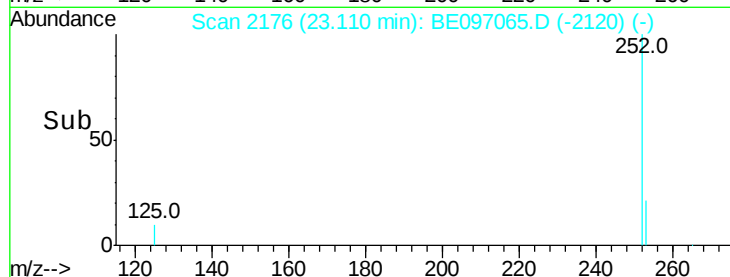
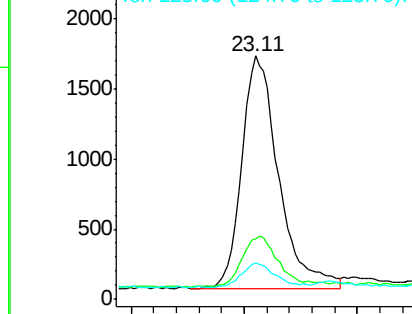
252 100

253 24.8 16.0 24.0#

125 15.0 12.0 18.0



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



#38

Dibenzo(a,h)anthracene

Concen: 0.239 ng

RT: 25.54 min Scan# 2854

Delta R.T. 0.01 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

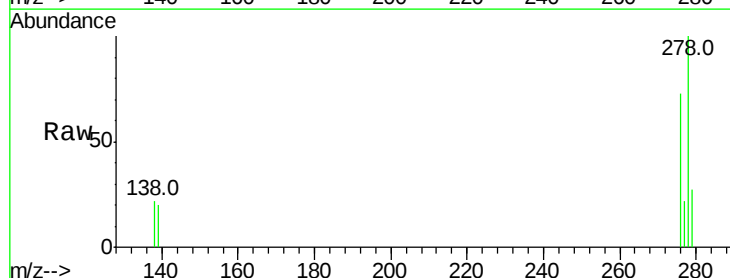
Tgt Ion:278 Resp: 3871

Ion Ratio Lower Upper

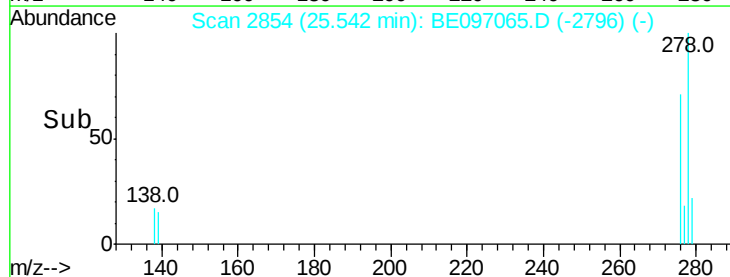
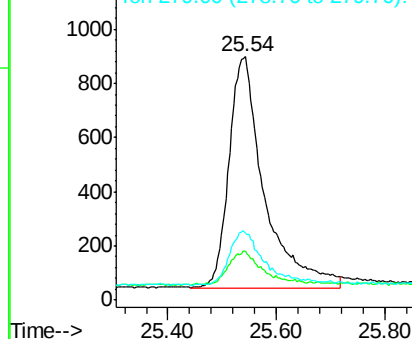
278 100

139 20.2 16.0 24.0

279 27.5 20.0 30.0



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.237 ng

RT: 26.20 min Scan# 3038

Delta R.T. -0.00 min

Lab File: BE097065.D

Acq: 24 Jul 2018 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

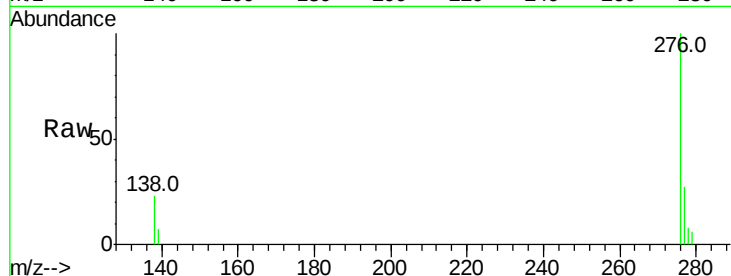
Tot Ion:276 Resp: 4267

Ion Ratio Lower Upper

276 100

277 26.5 16.0 24.0#

138 23.0 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

