

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072018\
 Data File : BE097016.D
 Acq On : 20 Jul 2018 5:57
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jul 20 06:39:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 15:02:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1773	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	8779	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	5537	0.40	ng	-0.01
19) Phenanthrene-d10	16.76	188	15152	0.40	ng	-0.01
27) Chrysene-d12	20.98	240	15501	0.40	ng	0.00
34) Perylene-d12	23.21	264	14763	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	1835	0.43	ng	0.00
5) Phenol-d6	6.60	99	2664	0.41	ng	0.00
8) Nitrobenzene-d5	8.52	82	2709	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	4859	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	625	0.50	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	7231	0.35	ng	-0.01
25) Fluoranthene-d10	18.81	212	57545	0.44	ng	0.00
29) Terphenyl-d14	19.43	244	11009	0.37	ng	0.00

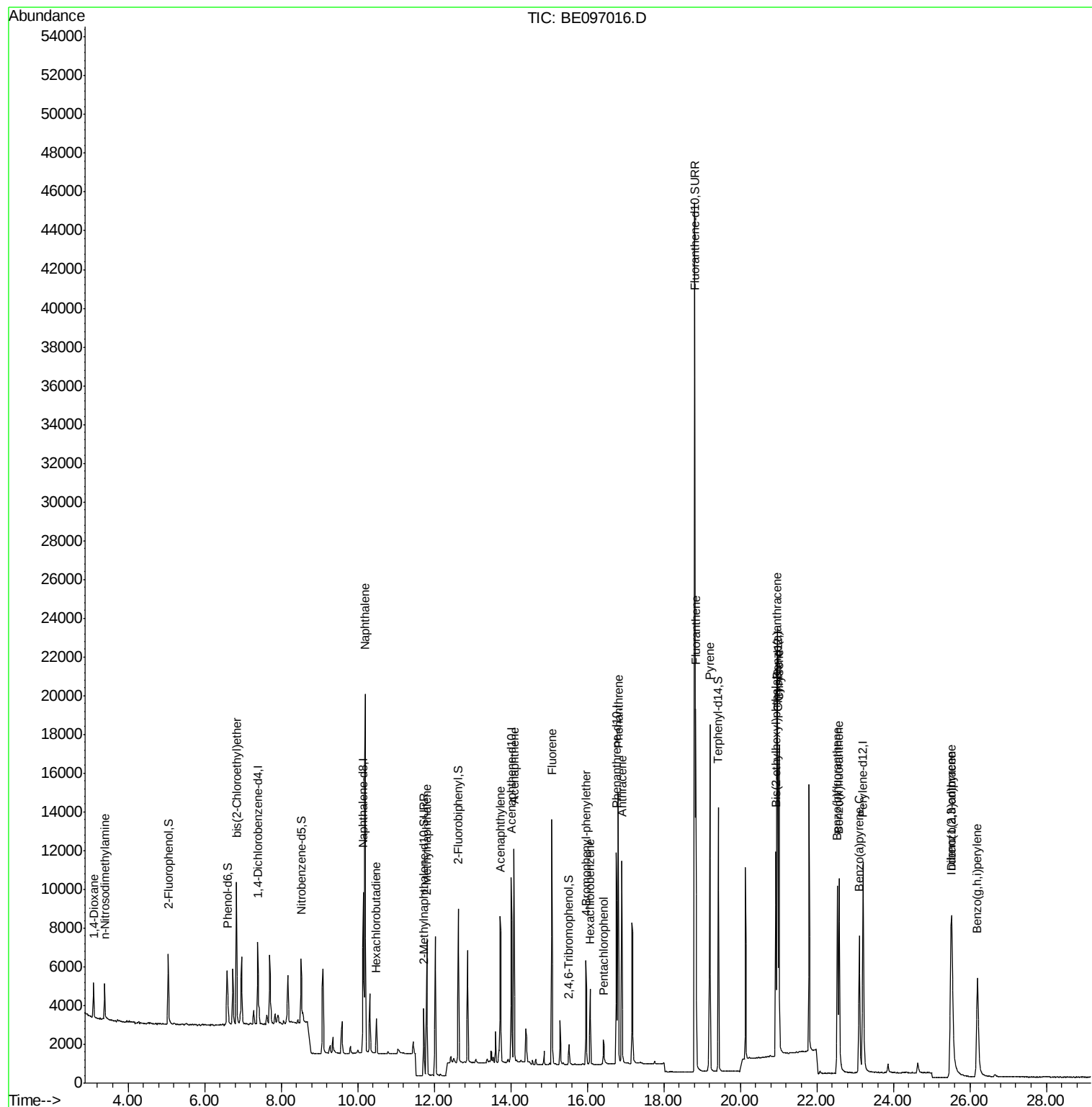
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.10	88	1034	0.407	ng	# 88
3) n-Nitrosodimethylamine	3.38	42	1200	0.420	ng	# 91
6) bis(2-Chloroethyl)ether	6.84	93	2516	0.396	ng	97
9) Naphthalene	10.20	128	30227	0.385	ng	100
10) Hexachlorobutadiene	10.48	225	1376	0.433	ng	98
12) 2-Methylnaphthalene	11.81	142	5070	0.380	ng	99
16) Acenaphthylene	13.73	152	9206	0.364	ng	99
17) Acenaphthene	14.08	154	5571	0.354	ng	94
18) Fluorene	15.07	166	6984	0.396	ng	# 78
20) 4-Bromophenyl-phenylether	15.97	248	2739	0.382	ng	# 81
21) Hexachlorobenzene	16.08	284	3002	0.377	ng	# 82
22) Pentachlorophenol	16.43	266	762	0.611	ng	# 76
23) Phenanthrene	16.81	178	13924	0.384	ng	99
24) Anthracene	16.90	178	11954	0.379	ng	96
26) Fluoranthene	18.84	202	16067	0.420	ng	98
28) Pyrene	19.21	202	16342	0.357	ng	100
30) Benzo(a)anthracene	20.95	228	14032	0.380	ng	98
31) Chrysene	21.01	228	16019	0.387	ng	98
32) Bis(2-ethylhexyl)phthalate	20.93	149	13491	0.366	ng	99
33) Indeno(1,2,3-cd)pyrene	25.50	276	15078	0.500	ng	# 94
35) Benzo(b)fluoranthene	22.54	252	12340	0.328	ng	# 88
36) Benzo(k)fluoranthene	22.58	252	15021	0.335	ng	96
37) Benzo(a)pyrene	23.11	252	11700	0.374	ng	# 92
38) Dibenzo(a,h)anthracene	25.53	278	13062	0.472	ng	# 95
39) Benzo(g,h,i)perylene	26.20	276	13197	0.431	ng	# 88

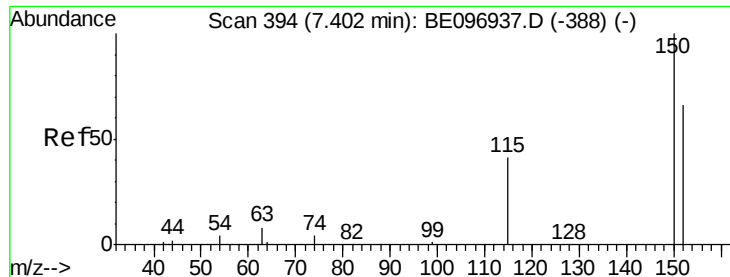
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 17 15:02:56 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 393

Delta R.T. -0.01 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

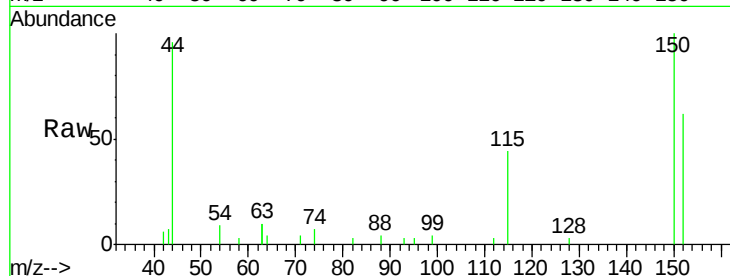
Tgt Ion:152 Resp: 1773

Ion Ratio Lower Upper

152 100

150 160.5 117.2 175.8

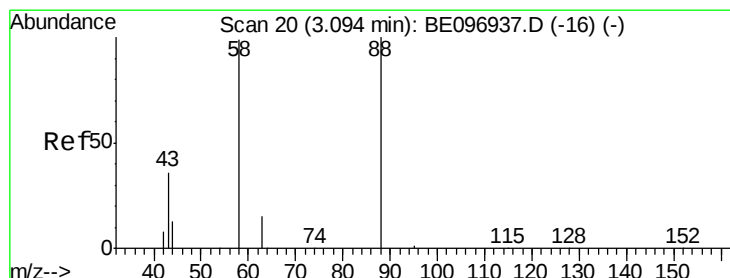
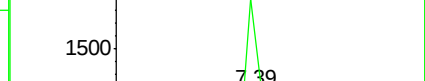
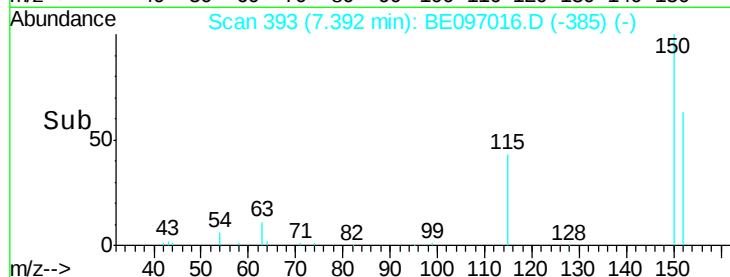
115 70.6 57.0 85.6



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: 0.407 ng

RT: 3.10 min Scan# 20

Delta R.T. 0.00 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

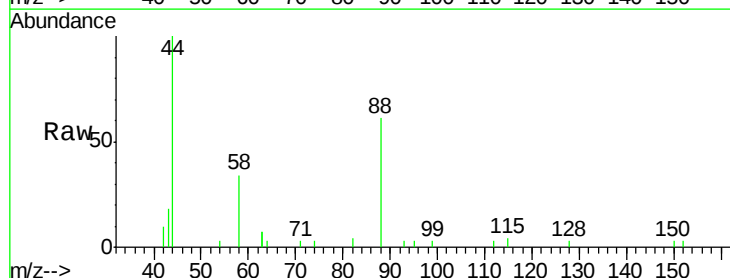
Tgt Ion: 88 Resp: 1034

Ion Ratio Lower Upper

88 100

58 82.7 63.2 94.8

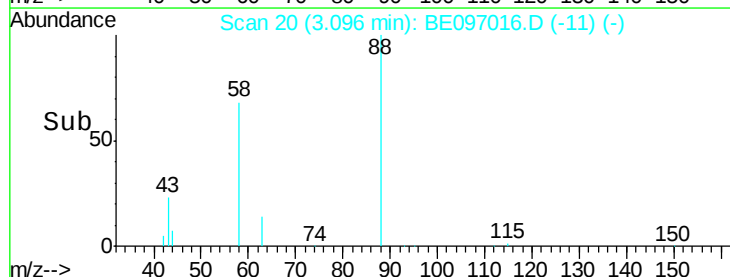
43 34.7 41.2 61.8#

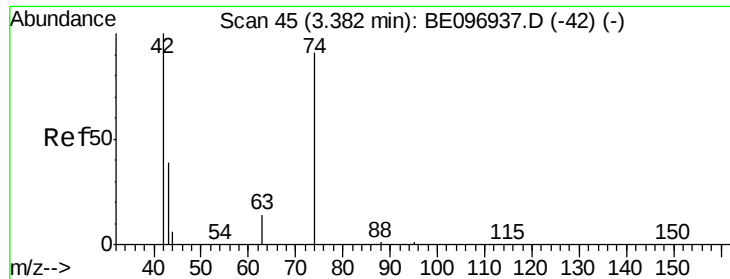


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.420 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

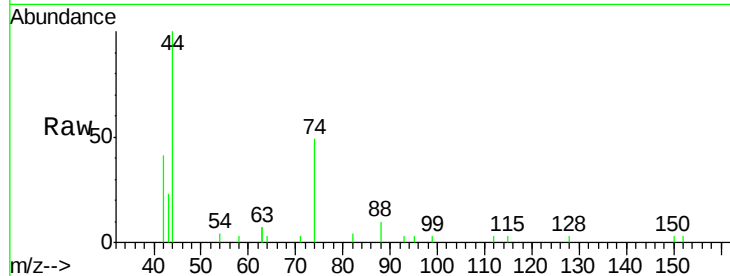
Tgt Ion: 42 Resp: 1200

Ion Ratio Lower Upper

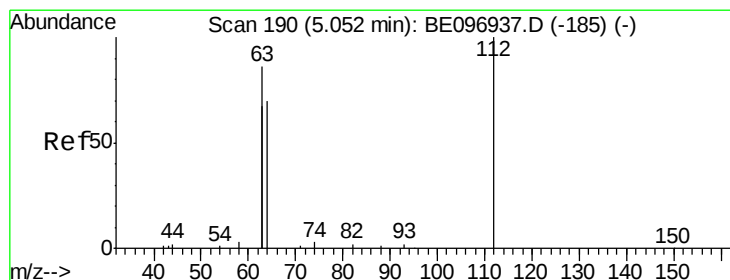
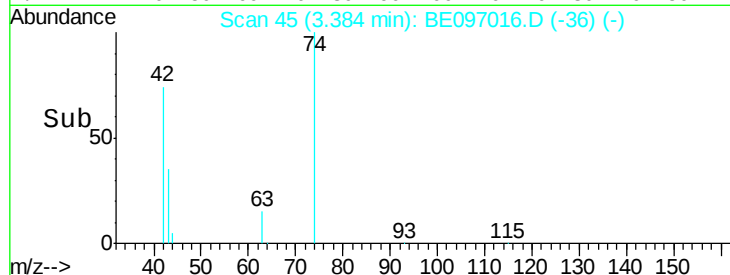
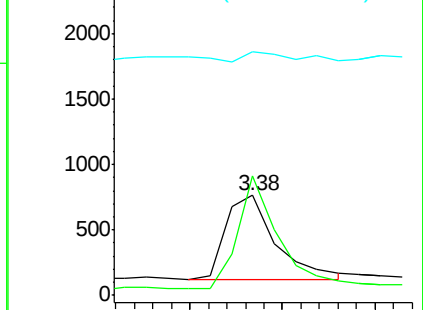
42 100

74 110.3 96.0 144.0

44 11.6 12.0 18.0#



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



#4

2-Fluorophenol

Concen: 0.433 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

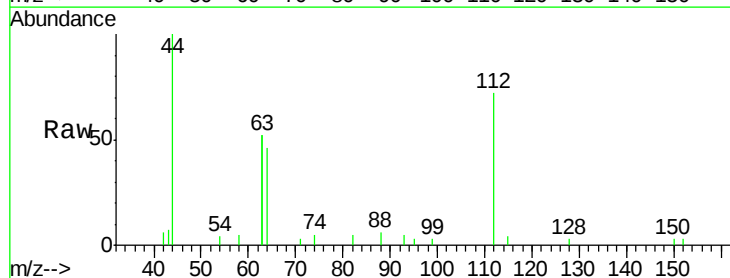
Tgt Ion: 112 Resp: 1835

Ion Ratio Lower Upper

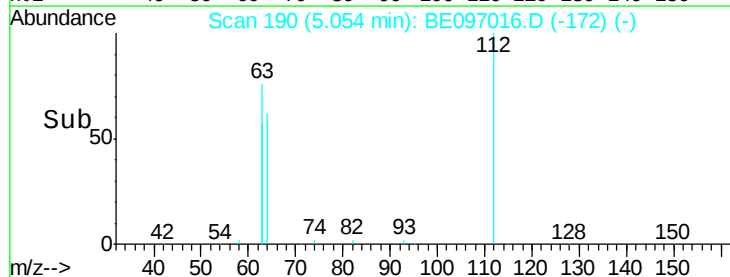
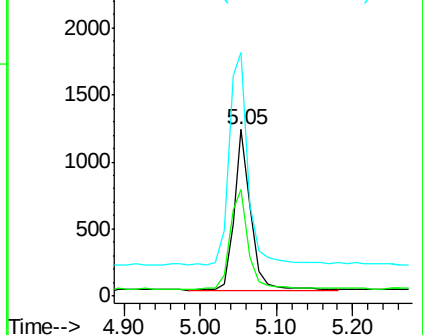
112 100

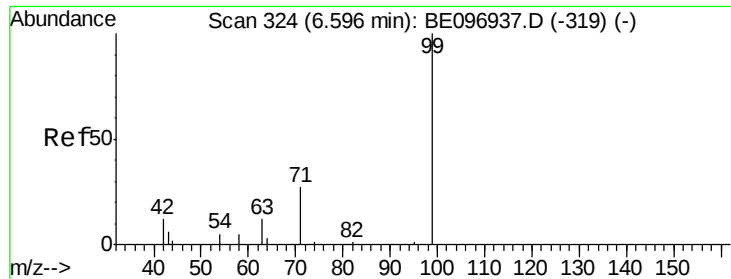
64 68.8 60.1 90.1

63 151.6 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.412 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

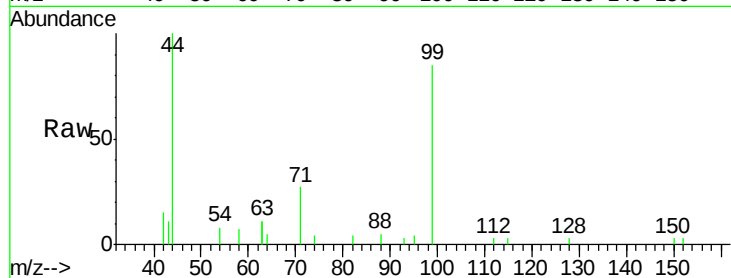
Tgt Ion: 99 Resp: 2664

Ion Ratio Lower Upper

99 100

42 24.1 20.2 30.2

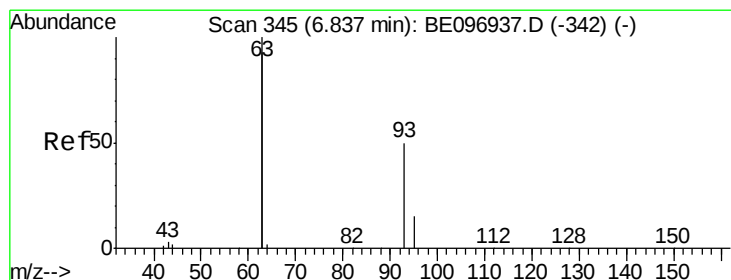
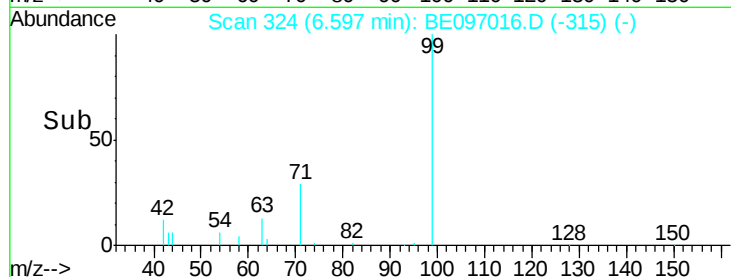
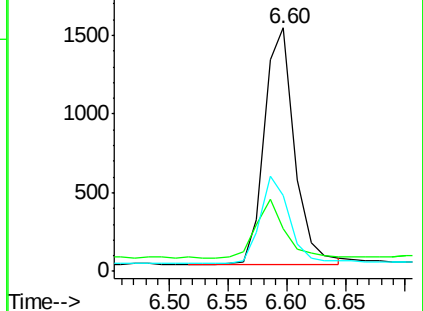
71 36.0 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.396 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

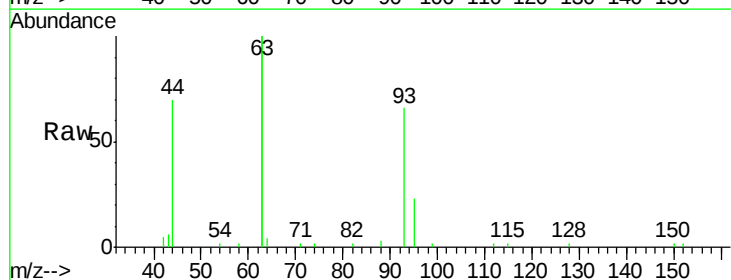
Tgt Ion: 93 Resp: 2516

Ion Ratio Lower Upper

93 100

63 337.2 275.3 412.9

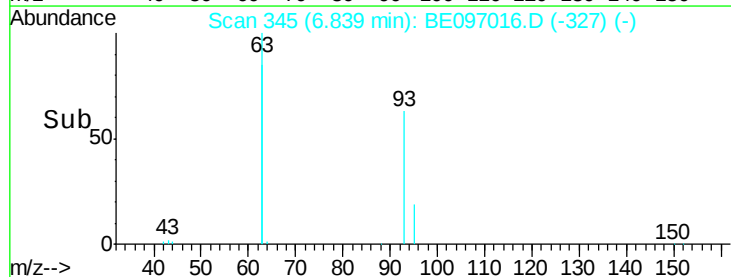
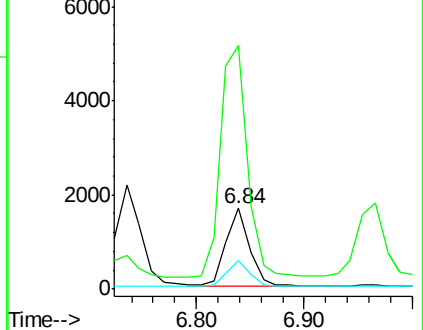
95 32.3 25.2 37.8

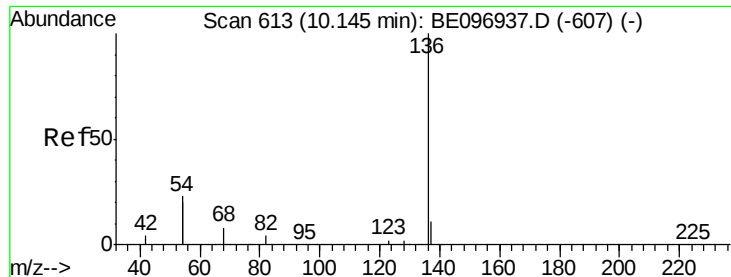


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 8779

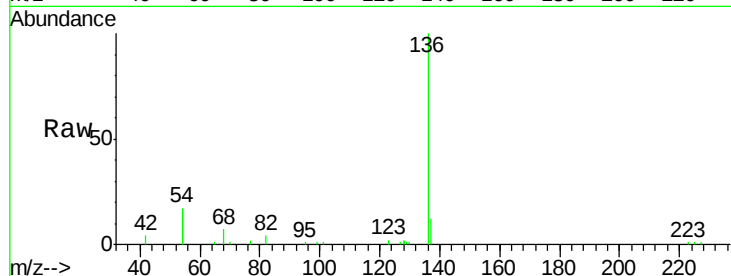
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 34.9 29.1 43.7

68 6.7 6.2 9.2

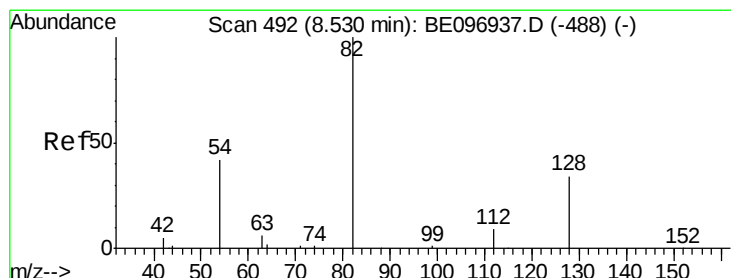
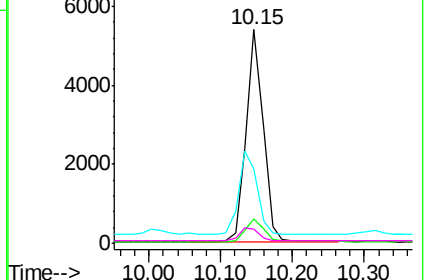
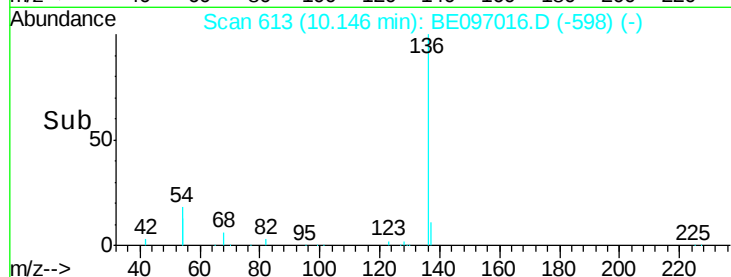


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.423 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.01 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

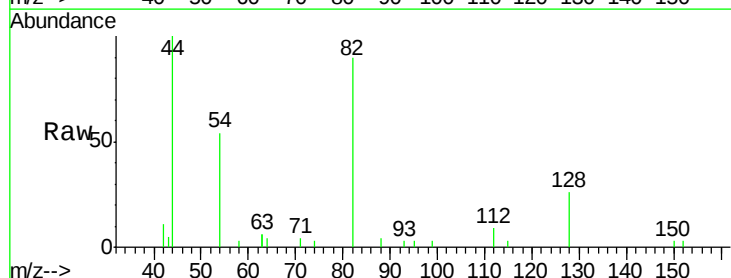
Tgt Ion: 82 Resp: 2709

Ion Ratio Lower Upper

82 100

128 28.5 24.0 36.0

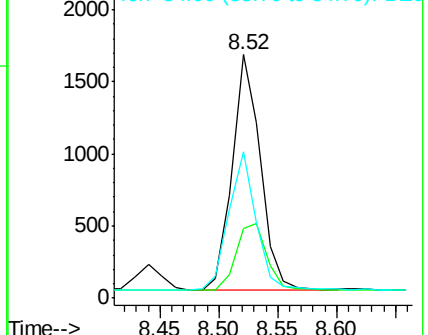
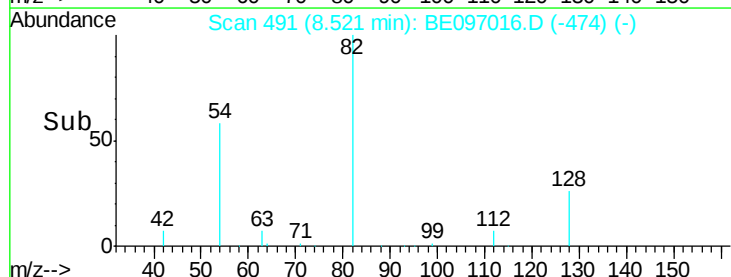
54 59.9 40.0 60.0

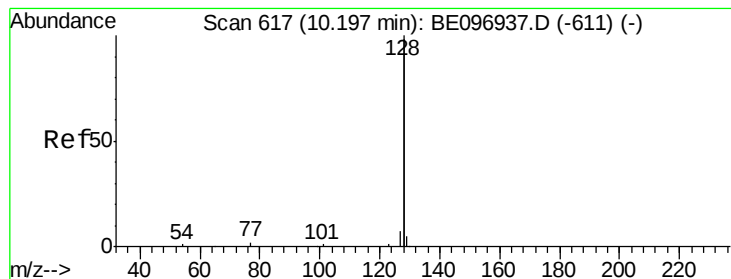


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.385 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

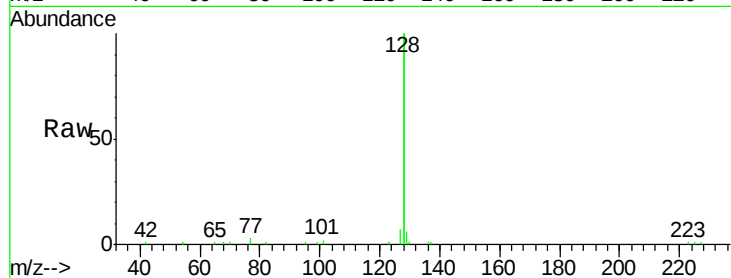
Tgt Ion:128 Resp: 30227

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

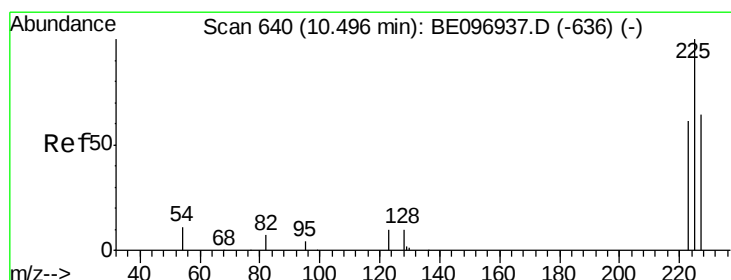
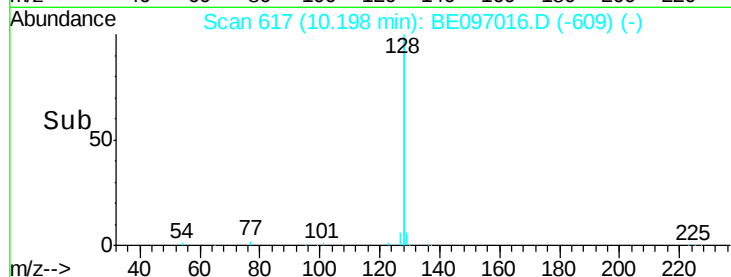
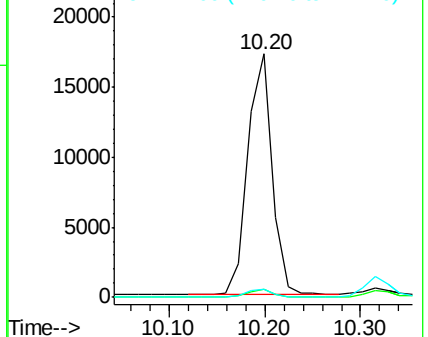
127 3.3 2.8 4.2



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: 0.433 ng

RT: 10.48 min Scan# 639

Delta R.T. -0.01 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

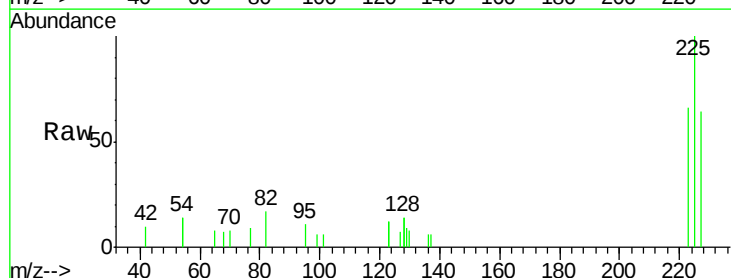
Tgt Ion:225 Resp: 1376

Ion Ratio Lower Upper

225 100

223 63.3 53.0 79.6

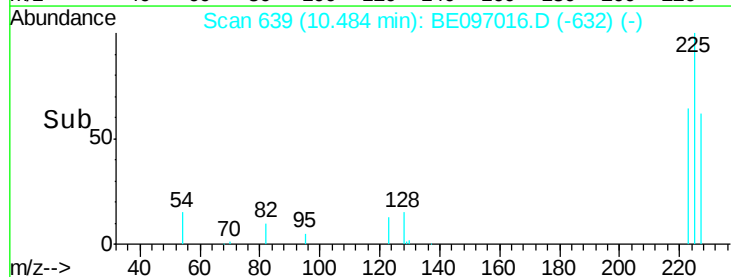
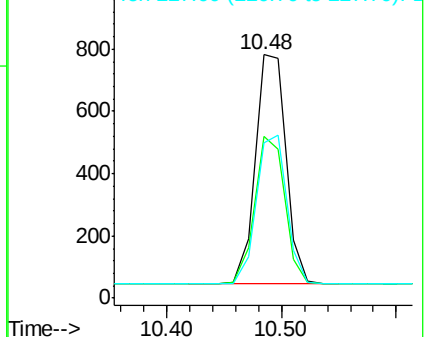
227 64.8 51.4 77.2

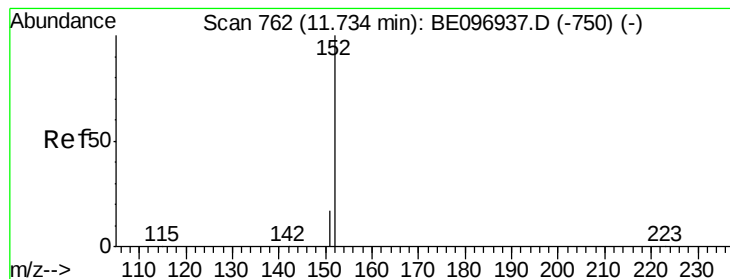


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.380 ng

RT: 11.73 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

Instrument :

BNA_E

ClientSampleId :

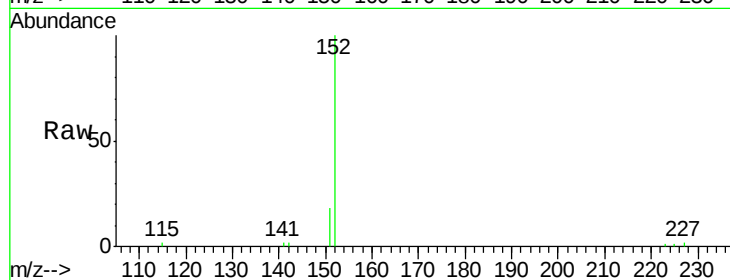
SSTDCCC0.4

Tgt Ion:152 Resp: 4859

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

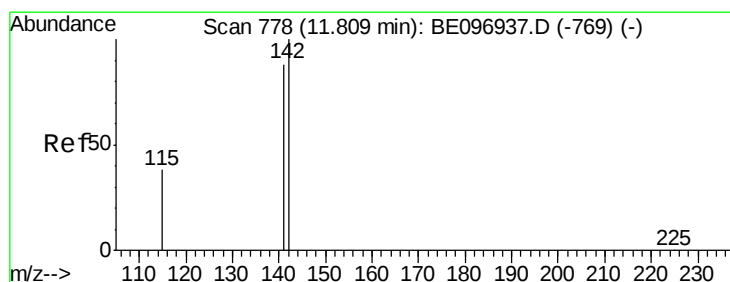
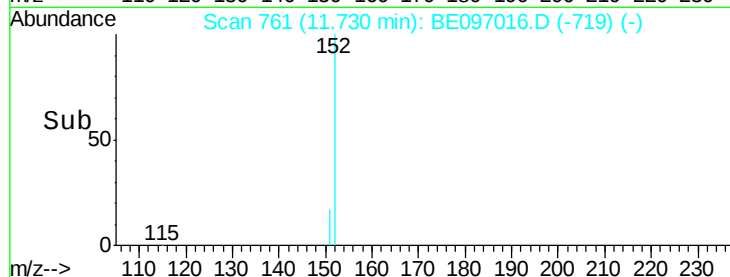
3000

2000

1000

0

Time--> 11.60 11.70 11.80



#12

2-Methylnaphthalene

Concen: 0.380 ng

RT: 11.81 min Scan# 777

Delta R.T. -0.00 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

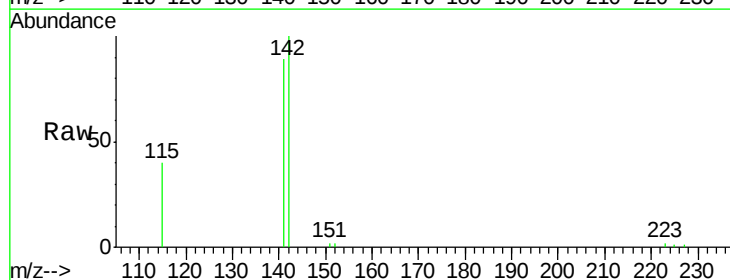
Tgt Ion:142 Resp: 5070

Ion Ratio Lower Upper

142 100

141 88.7 70.4 105.6

115 39.8 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

11.81

4000

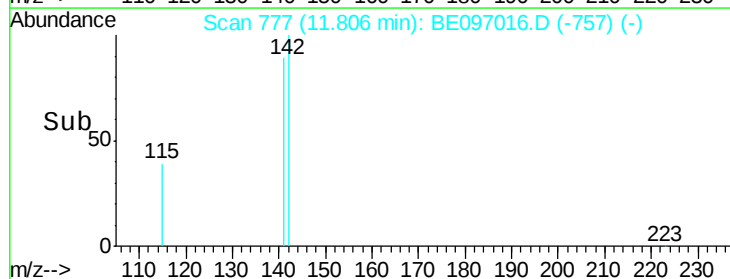
3000

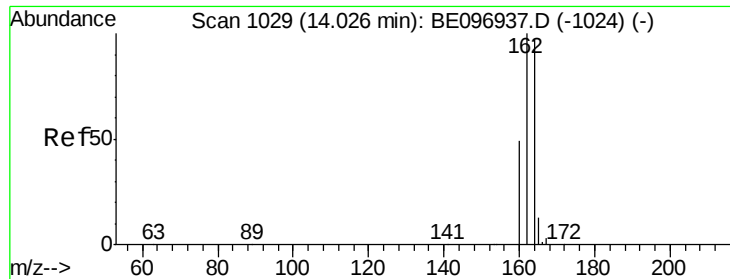
2000

1000

0

Time--> 11.70 11.80 11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

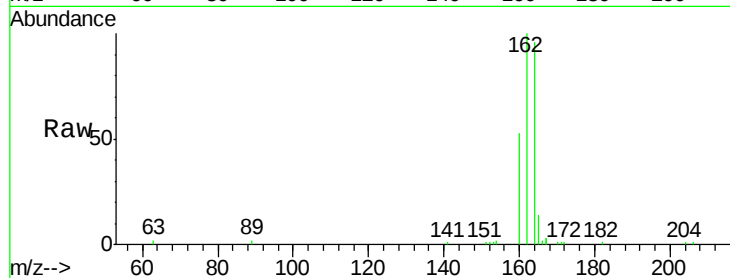
Tgt Ion:164 Resp: 5537

Ion Ratio Lower Upper

164 100

162 104.6 83.1 124.7

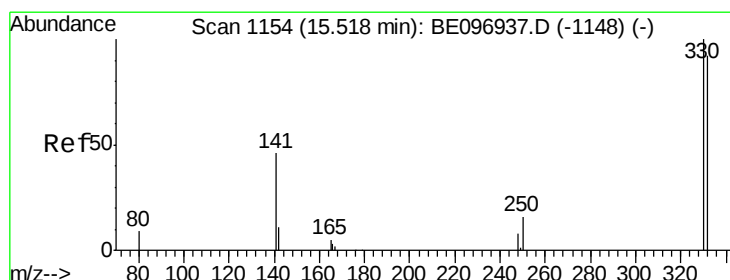
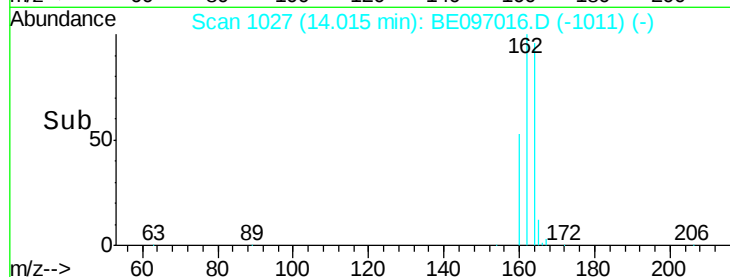
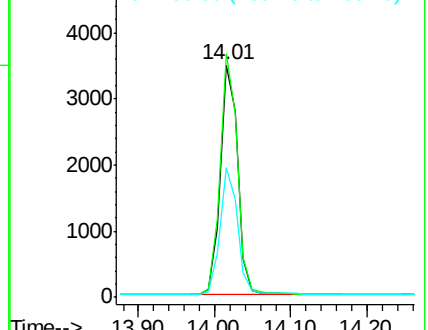
160 55.7 37.1 55.7



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: 0.497 ng

RT: 15.52 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

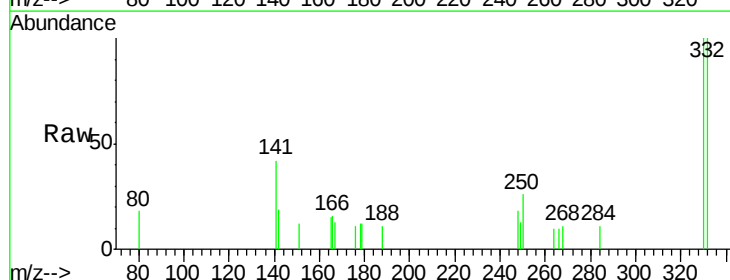
Tgt Ion:330 Resp: 625

Ion Ratio Lower Upper

330 100

332 98.1 152.7 229.1#

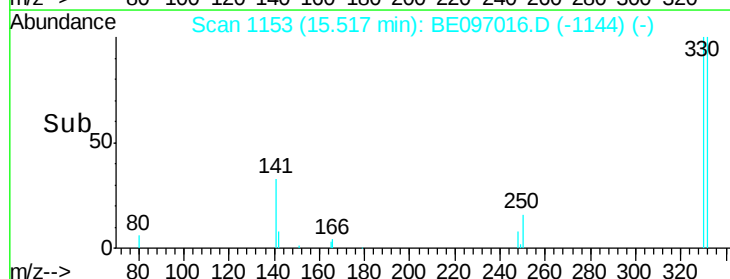
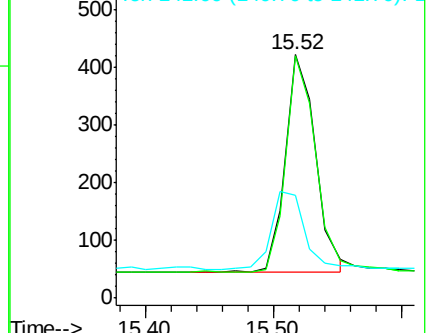
141 39.8 33.7 50.5

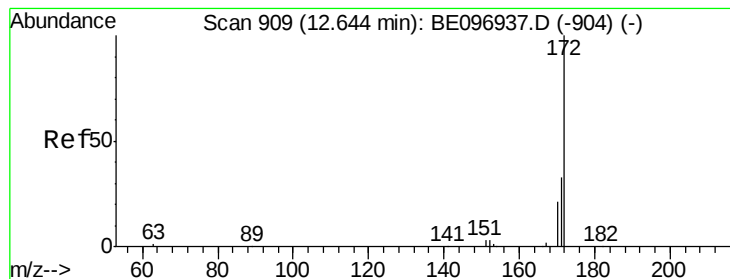


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.351 ng

RT: 12.63 min Scan# 907

Delta R.T. -0.01 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

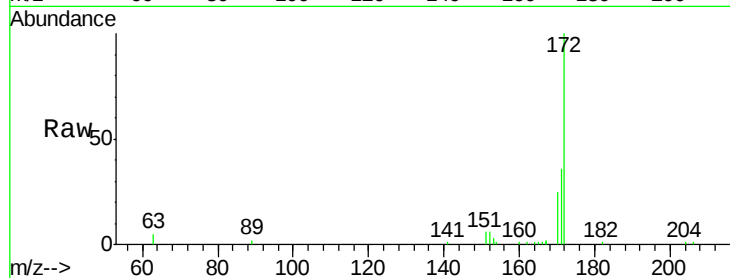
Tgt Ion:172 Resp: 7231

Ion Ratio Lower Upper

172 100

171 35.6 29.9 44.9

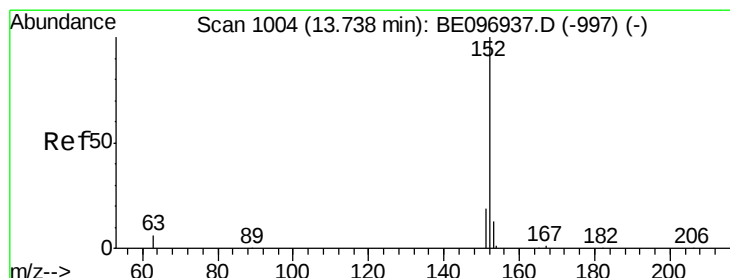
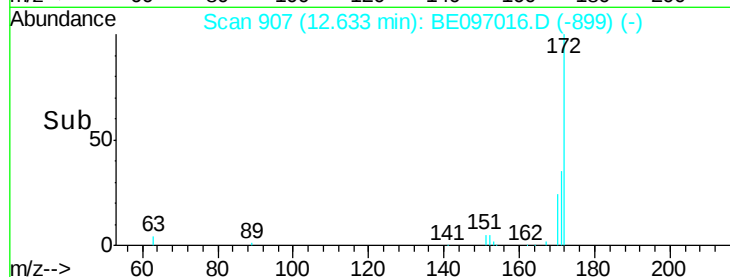
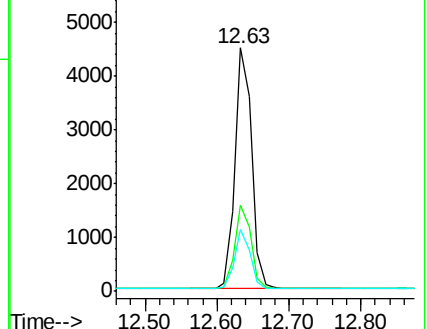
170 25.2 21.8 32.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.364 ng

RT: 13.73 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

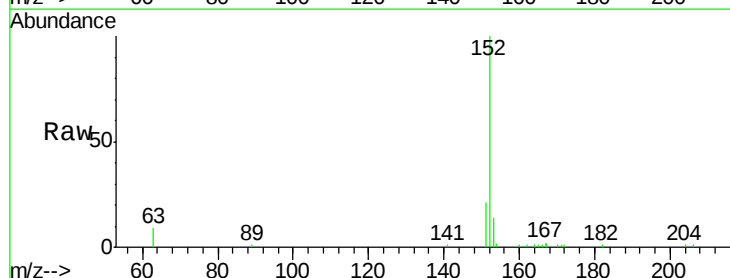
Tgt Ion:152 Resp: 9206

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

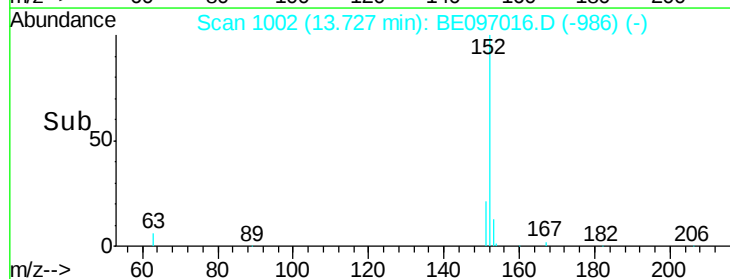
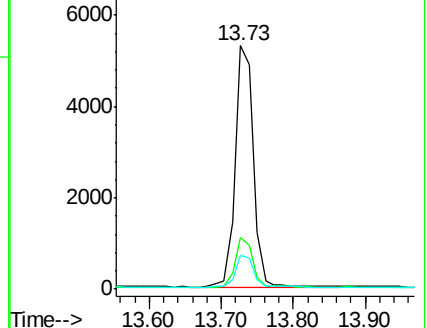
153 13.6 10.5 15.7

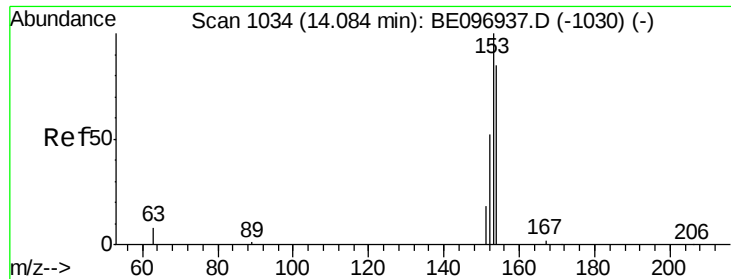


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.354 ng

RT: 14.08 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

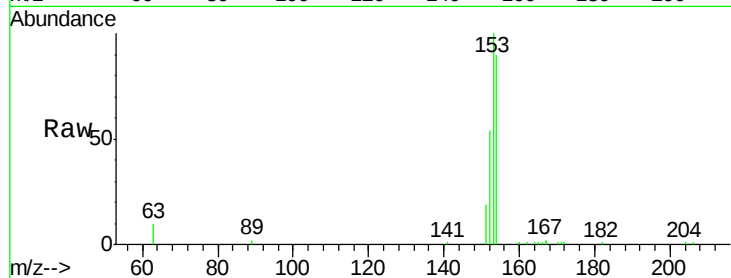
Tgt Ion:154 Resp: 5571

Ion Ratio Lower Upper

154 100

153 113.9 89.2 133.8

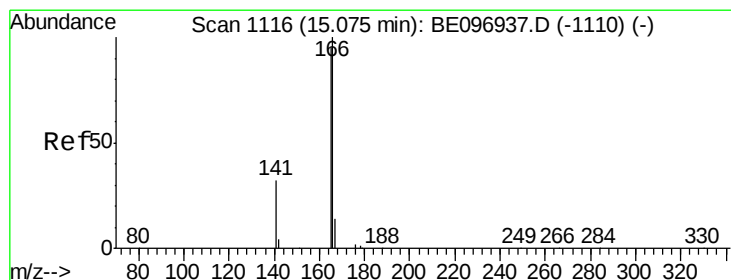
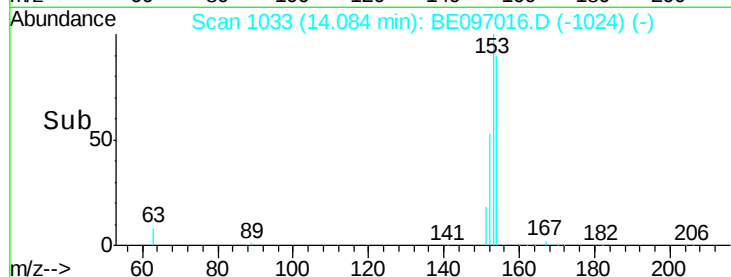
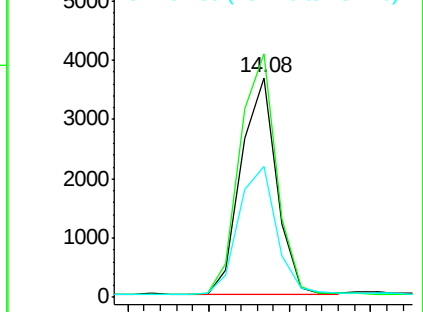
152 62.9 42.0 63.0



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: 0.396 ng

RT: 15.07 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

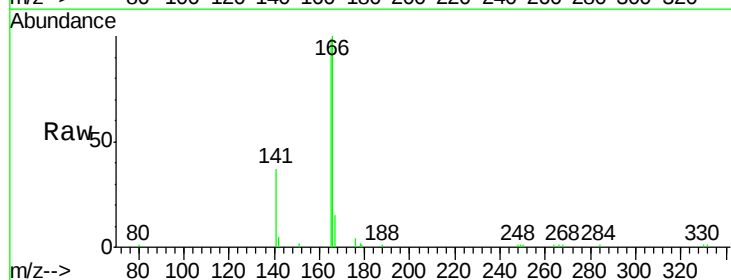
Tgt Ion:166 Resp: 6984

Ion Ratio Lower Upper

166 100

165 100.4 77.8 116.6

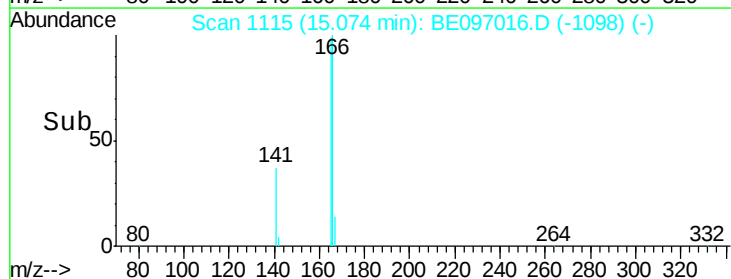
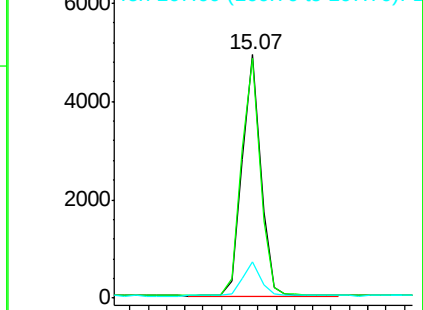
167 13.7 42.4 63.6#

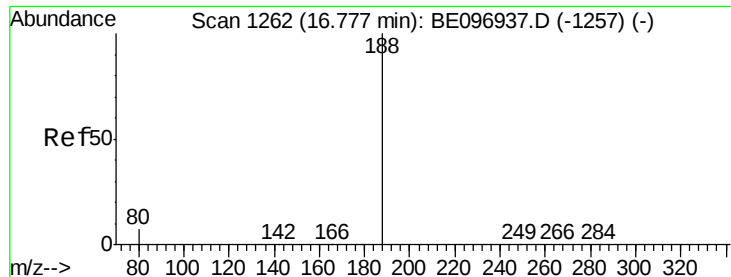


Abundance Ion 166.00 (165.70 to 166.70): E

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. -0.01 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

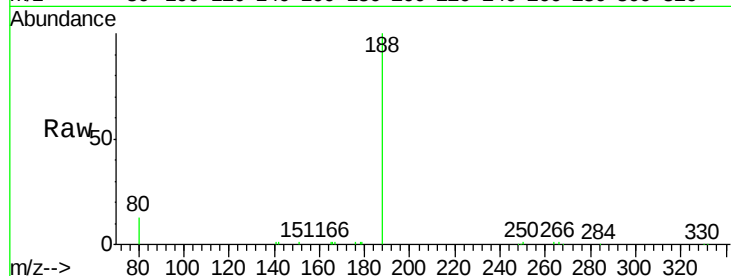
Tgt Ion:188 Resp: 15152

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

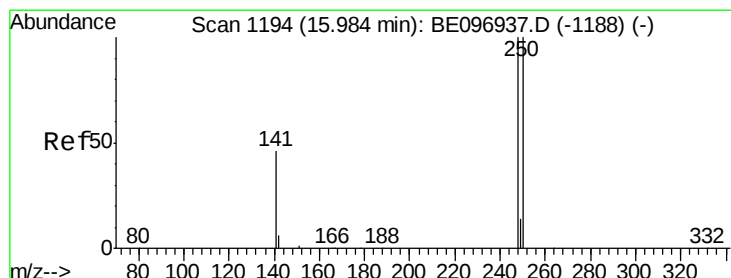
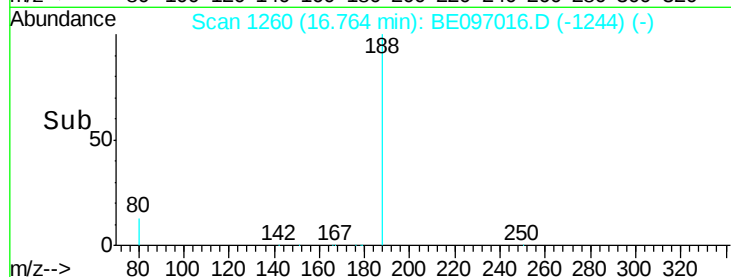
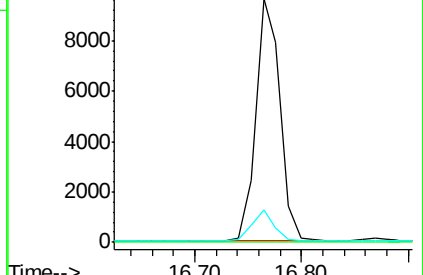
80 13.5 3.6 5.4#



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: 0.382 ng

RT: 15.97 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

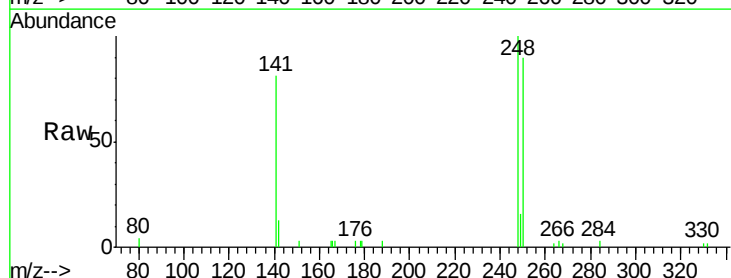
Tgt Ion:248 Resp: 2739

Ion Ratio Lower Upper

248 100

250 90.2 62.7 94.1

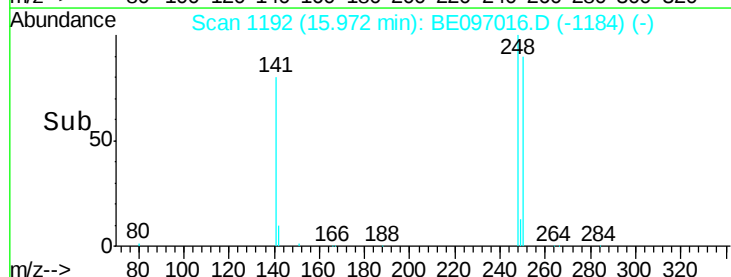
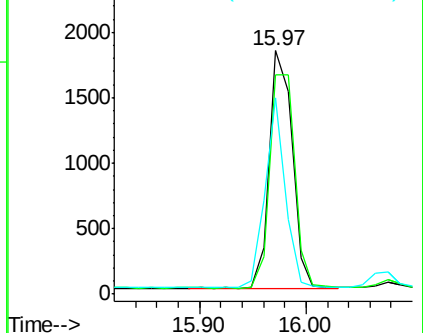
141 80.8 48.2 72.2#

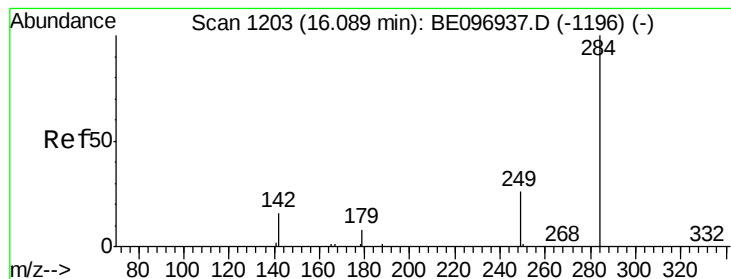


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.377 ng

RT: 16.08 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

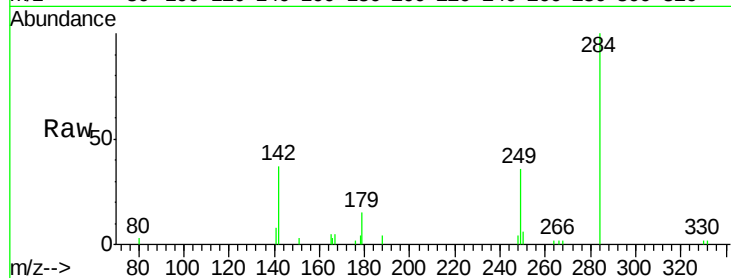
Tgt Ion:284 Resp: 3002

Ion Ratio Lower Upper

284 100

142 35.3 22.1 33.1#

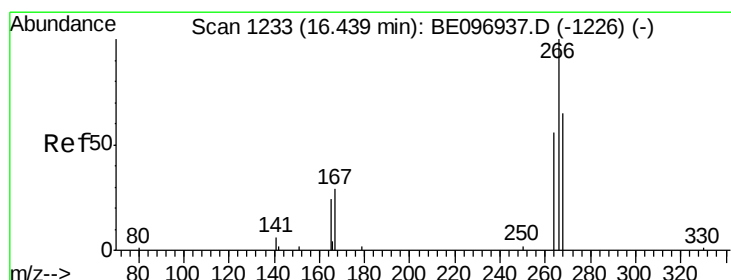
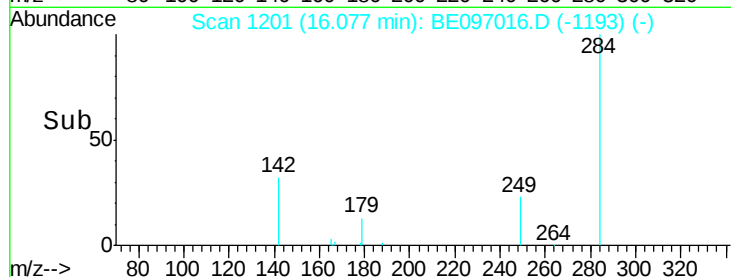
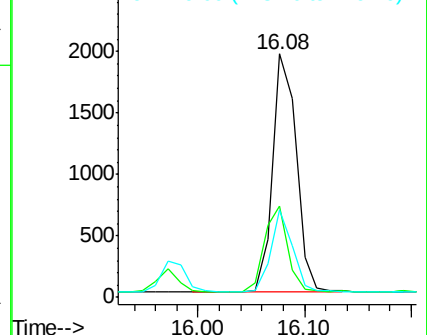
249 31.1 34.8 52.2#



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: 0.611 ng

RT: 16.43 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

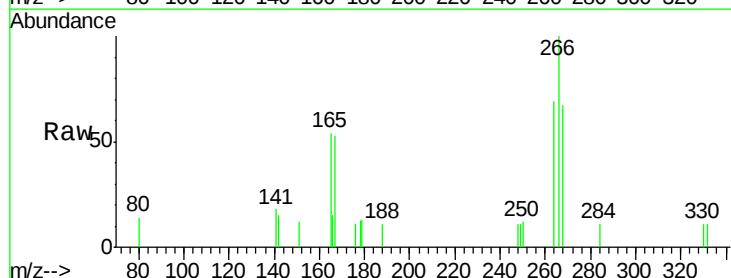
Tgt Ion:266 Resp: 762

Ion Ratio Lower Upper

266 100

264 69.3 72.5 108.7#

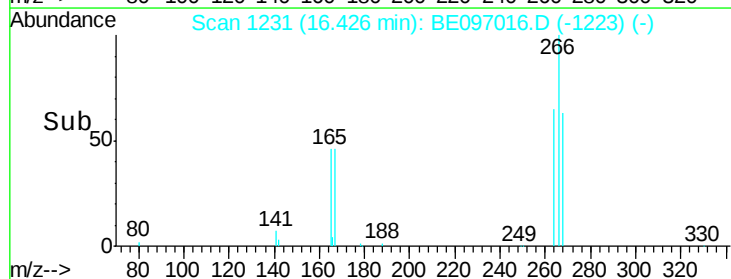
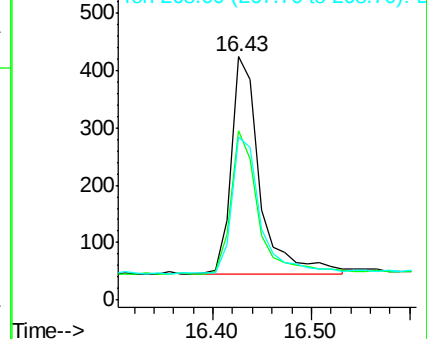
268 67.0 73.8 110.6#

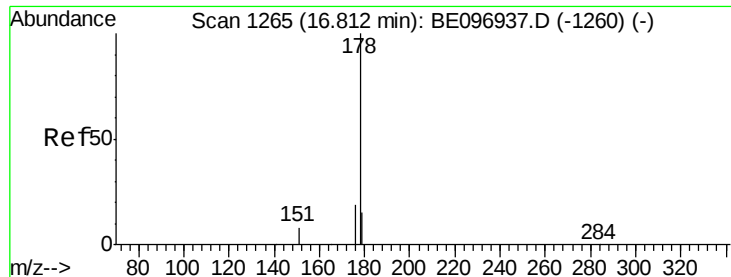


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.384 ng

RT: 16.81 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

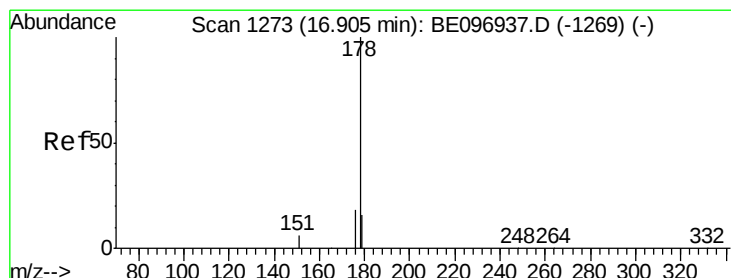
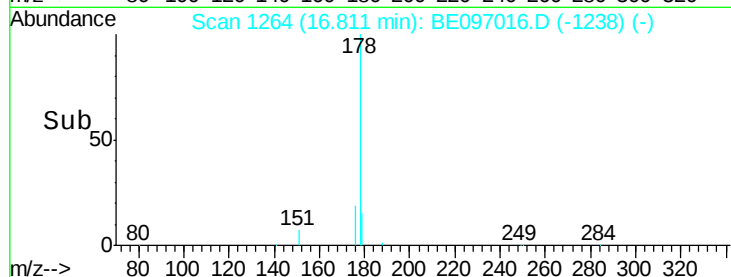
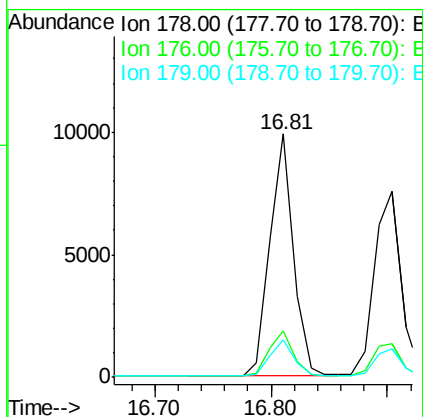
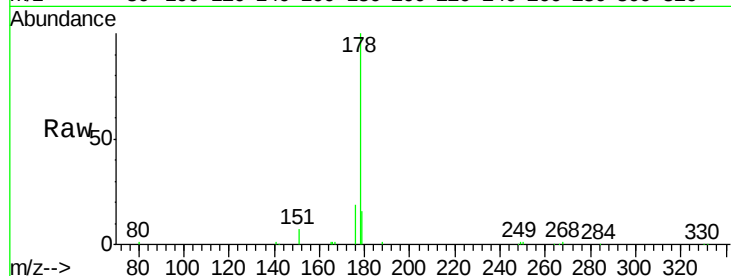
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:	178	Resp:	13924
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.2	11.8	17.6



#24

Anthracene

Concen: 0.379 ng

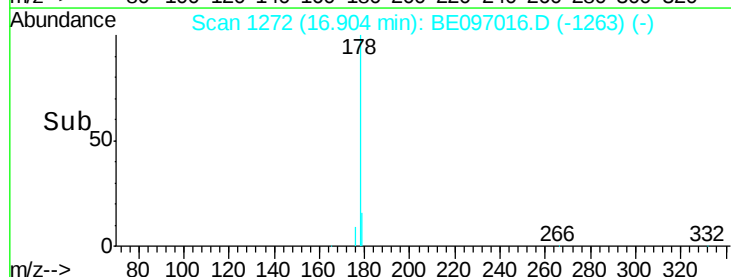
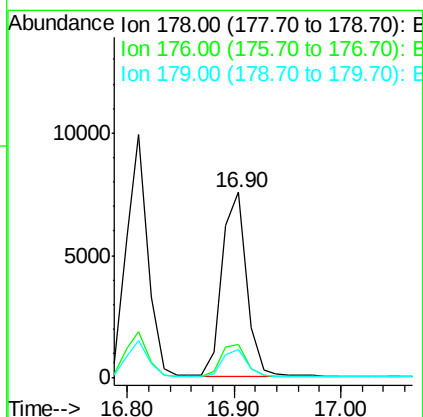
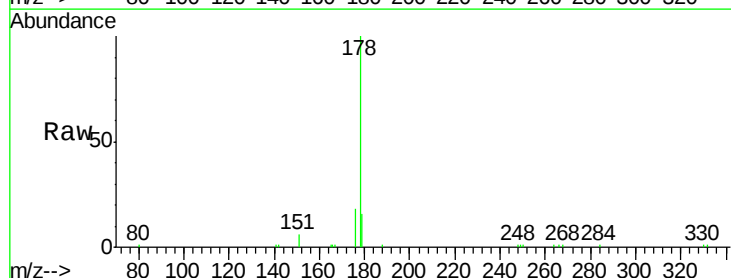
RT: 16.90 min Scan# 1272

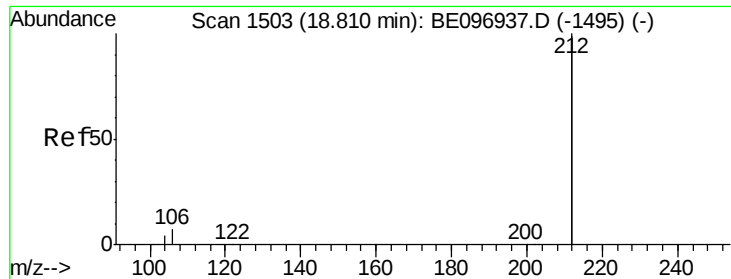
Delta R.T. -0.00 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

Tgt Ion:	178	Resp:	11954
Ion	Ratio	Lower	Upper
178	100		
176	18.6	12.8	19.2
179	15.1	13.0	19.6





#25

Fluoranthene-d10

Concen: 0.436 ng

RT: 18.81 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

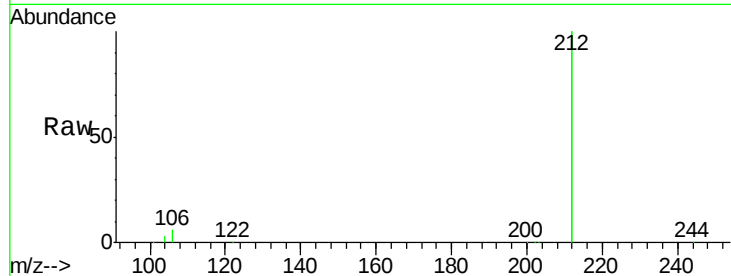
Instrument :

BNA_E

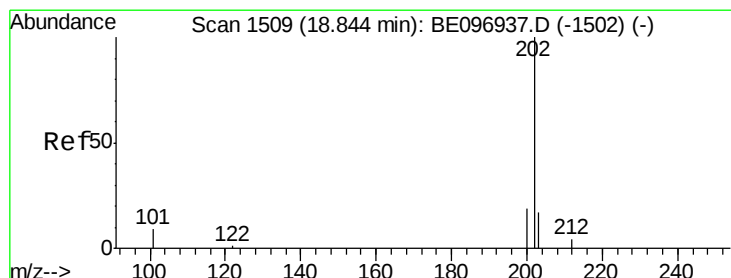
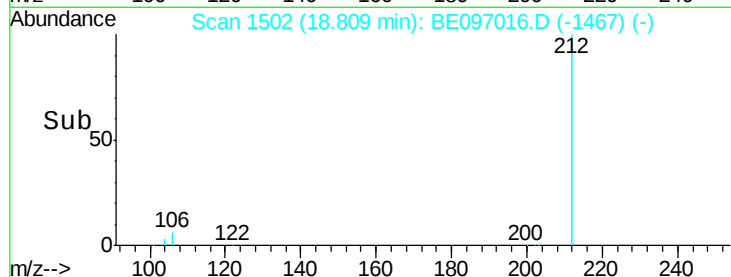
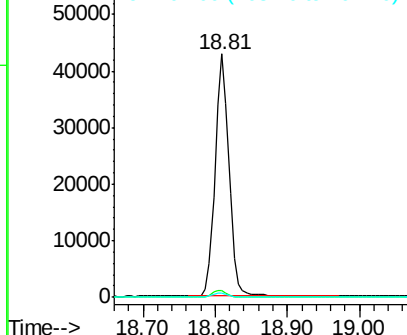
ClientSampleId :

SSTDCCC0.4

Tgt Ion:	212	Resp:	57545
Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.7	1.6	2.4



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.420 ng

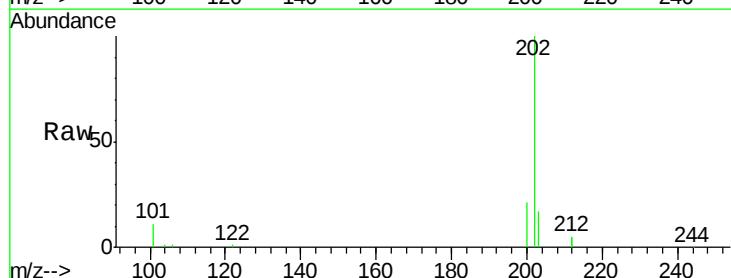
RT: 18.84 min Scan# 1507

Delta R.T. -0.01 min

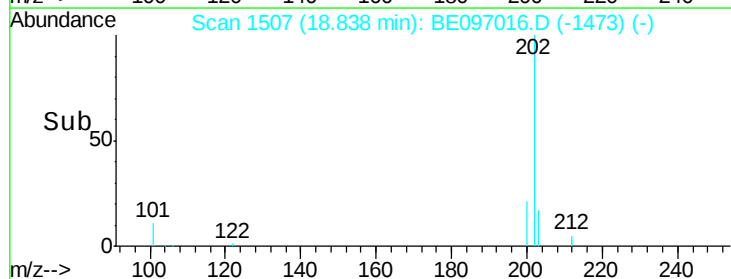
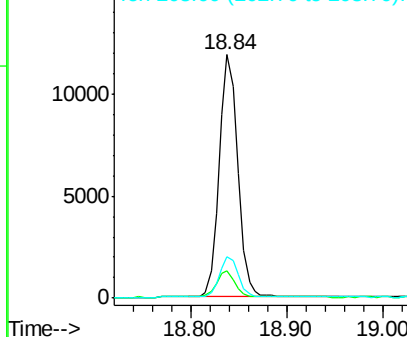
Lab File: BE097016.D

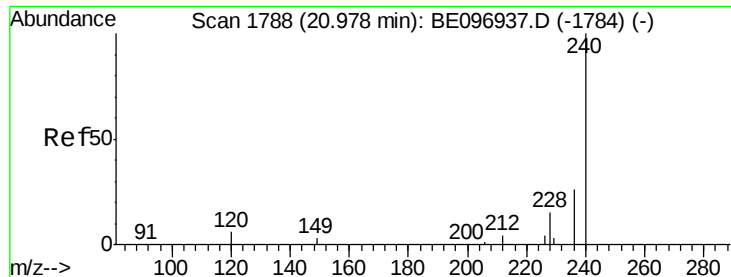
Acq: 20 Jul 2018 5:57

Tgt Ion:	202	Resp:	16067
Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.8	14.8
203	16.8	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: BE097016.D

Acq: 20 Jul 2018 5:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

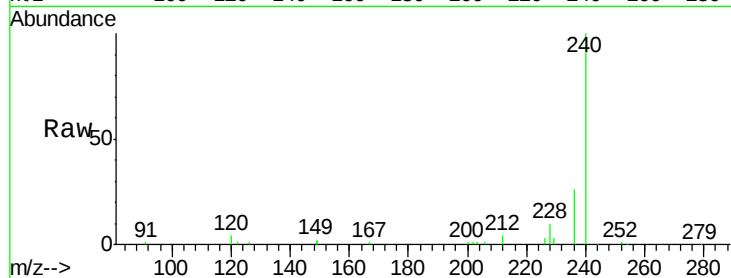
Tgt Ion:240 Resp: 15501

Ion Ratio Lower Upper

240 100

120 4.2 5.5 8.3#

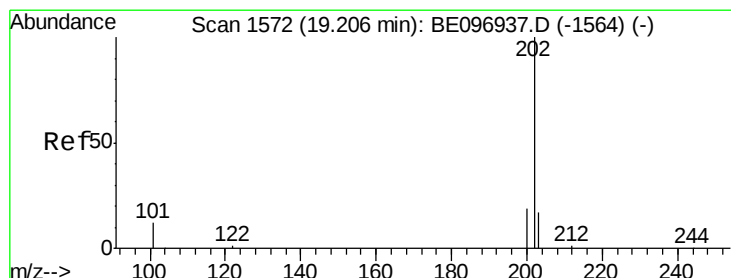
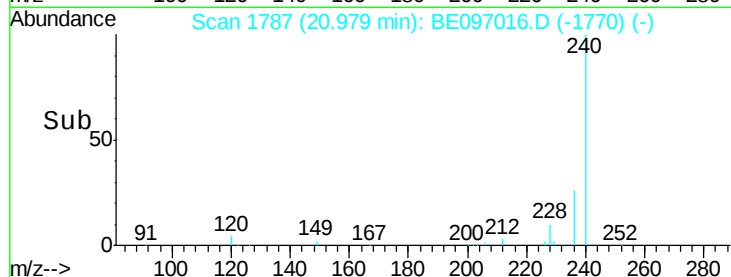
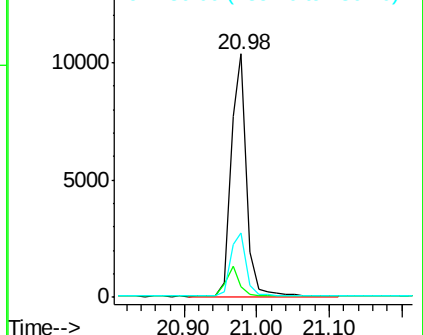
236 26.4 20.7 31.1



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: 0.357 ng

RT: 19.21 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

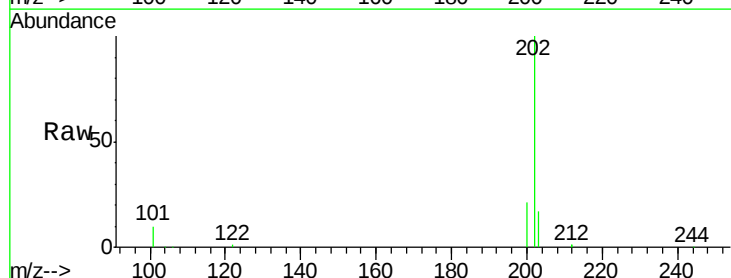
Tgt Ion:202 Resp: 16342

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

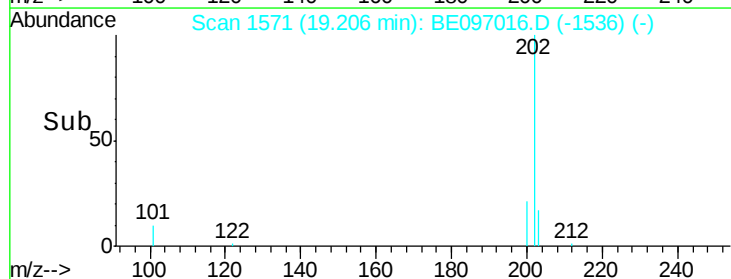
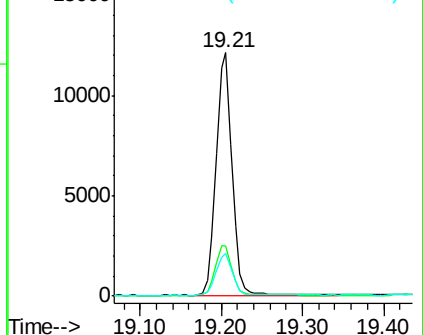
203 17.5 13.8 20.8

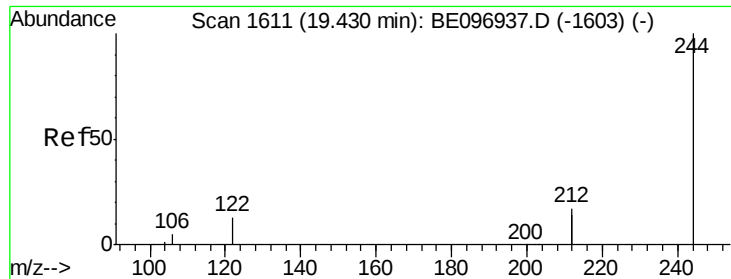


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

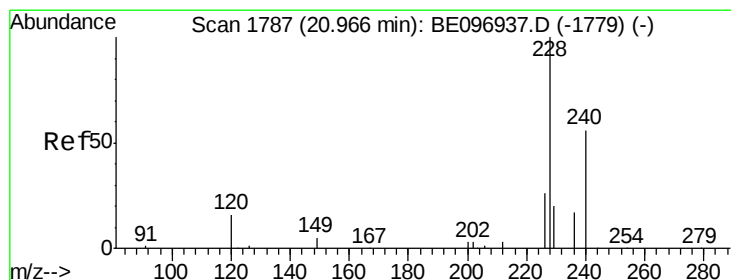
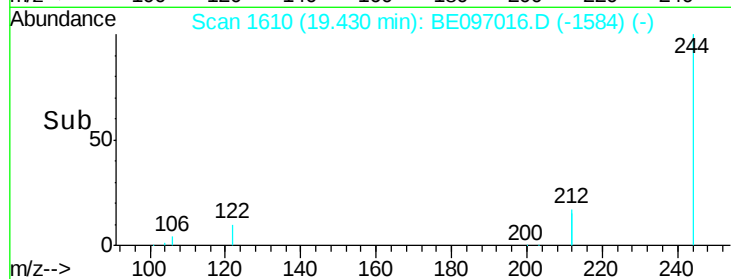
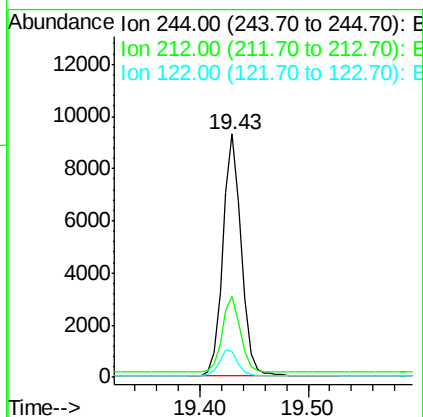
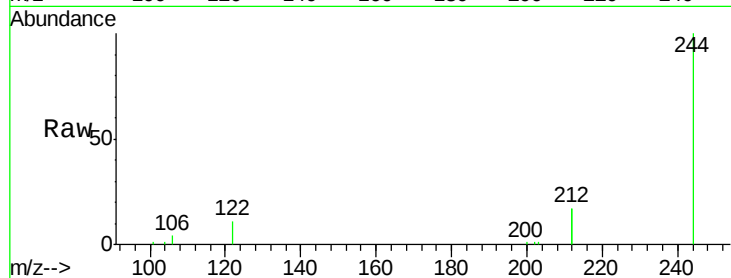




#29
 Terphenyl-d14
 Concen: 0.368 ng
 RT: 19.43 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BE097016.D
 Acq: 20 Jul 2018 5:57

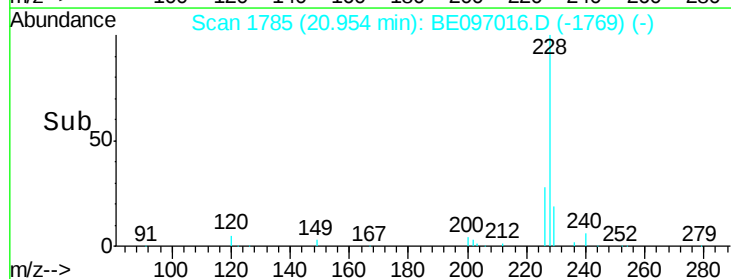
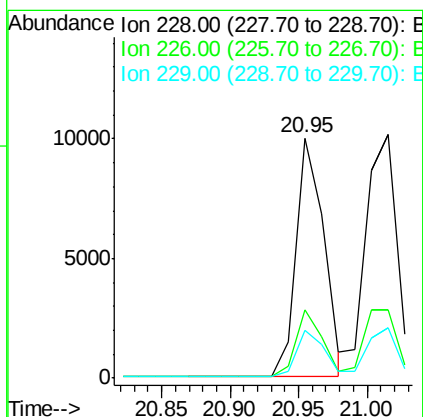
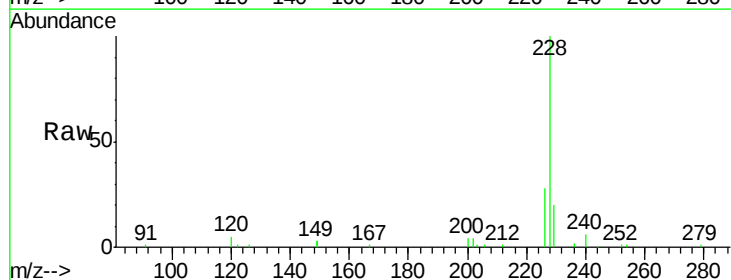
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

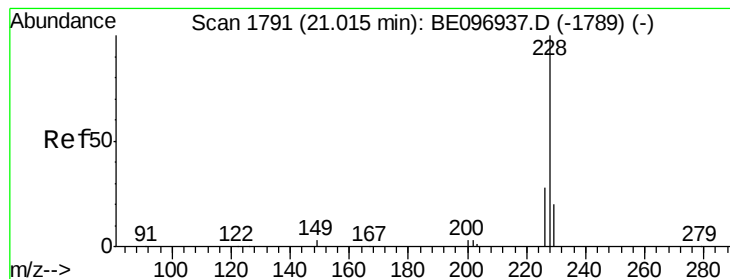
Tgt Ion: 244 Resp: 11009
 Ion Ratio Lower Upper
 244 100
 212 33.3 25.4 38.0
 122 10.6 8.1 12.1



#30
 Benzo(a)anthracene
 Concen: 0.380 ng
 RT: 20.95 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BE097016.D
 Acq: 20 Jul 2018 5:57

Tgt Ion: 228 Resp: 14032
 Ion Ratio Lower Upper
 228 100
 226 28.4 24.0 36.0
 229 19.8 16.0 24.0





#31

Chrysene

Concen: 0.387 ng

RT: 21.01 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

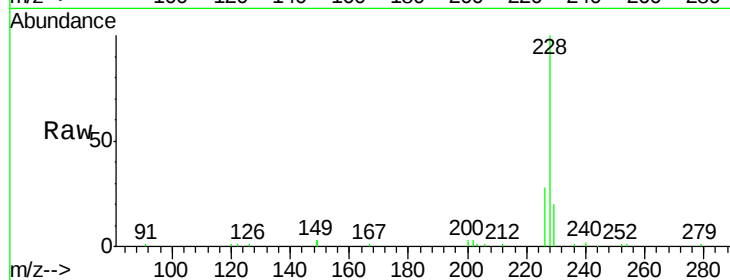
Tgt Ion:228 Resp: 16019

Ion Ratio Lower Upper

228 100

226 28.3 24.0 36.0

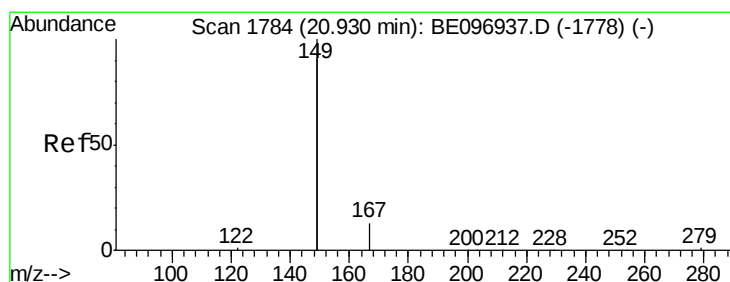
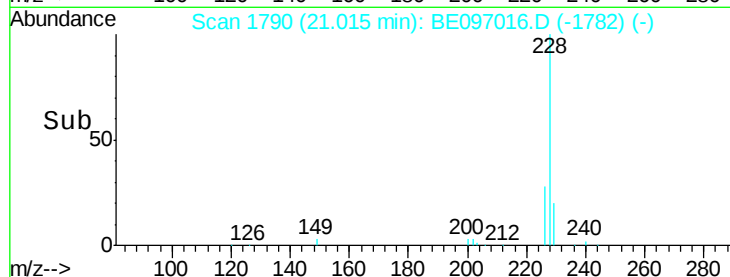
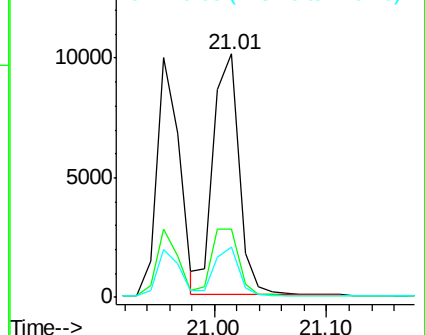
229 20.4 16.0 24.0



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: 0.366 ng

RT: 20.93 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

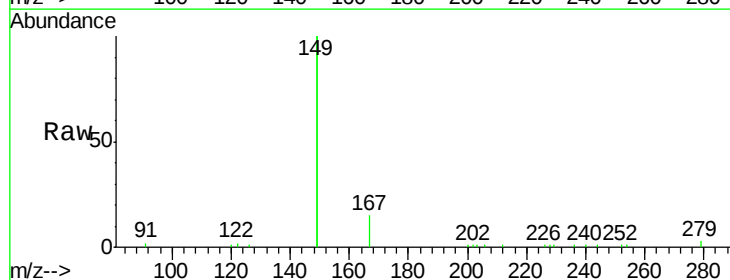
Tgt Ion:149 Resp: 13491

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

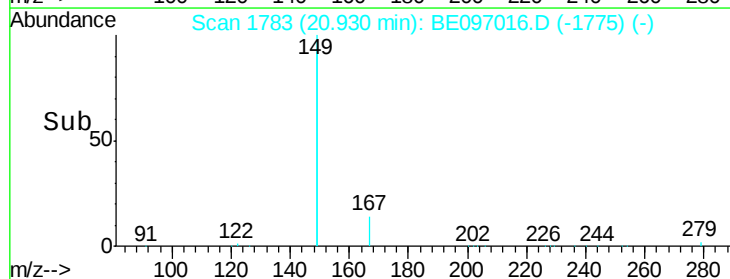
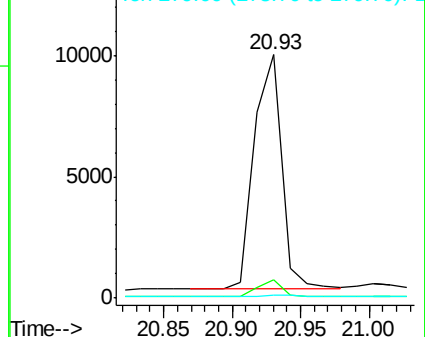
279 0.9 0.7 1.1

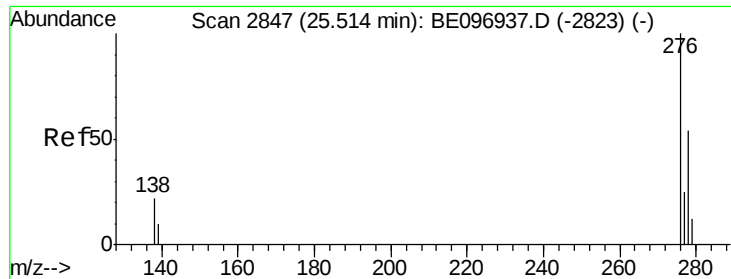


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

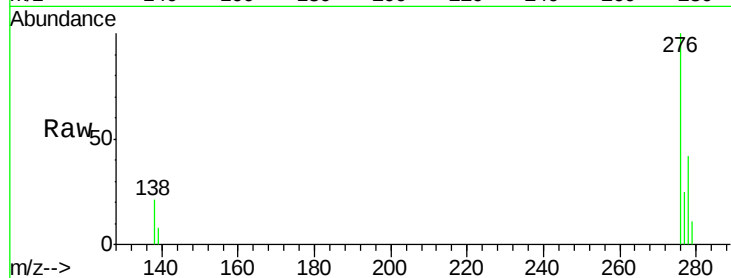




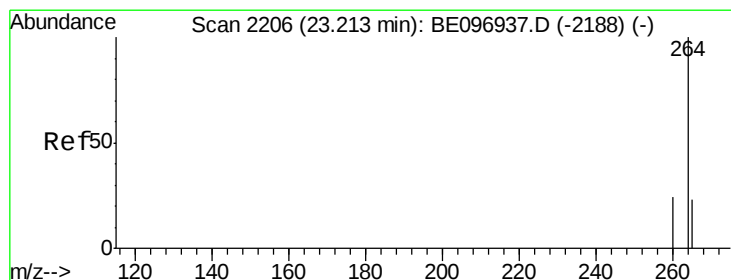
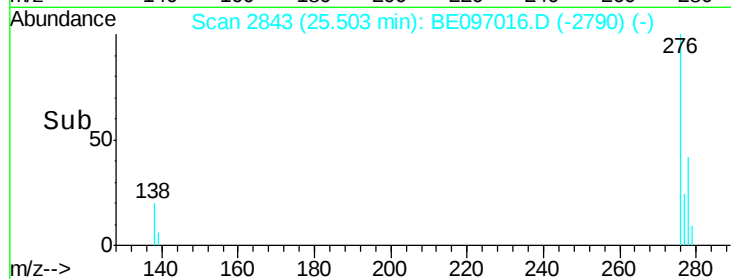
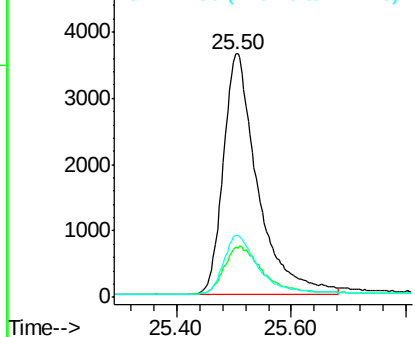
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.500 ng
 RT: 25.50 min Scan# 2843
 Delta R.T. -0.01 min
 Lab File: BE097016.D
 Acq: 20 Jul 2018 5:57

Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4

Tgt Ion: 276 Resp: 15078
 Ion Ratio Lower Upper
 276 100
 138 22.0 22.5 33.7#
 277 25.0 19.9 29.9

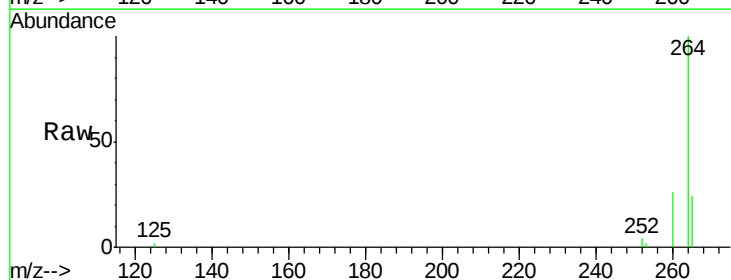


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

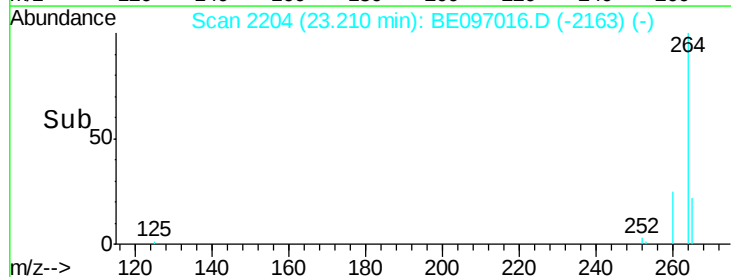
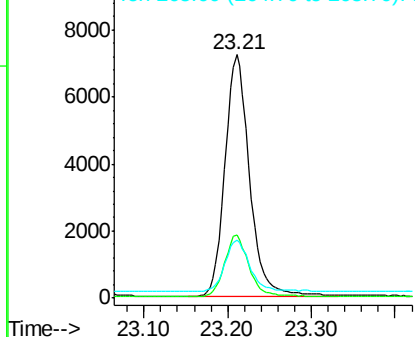


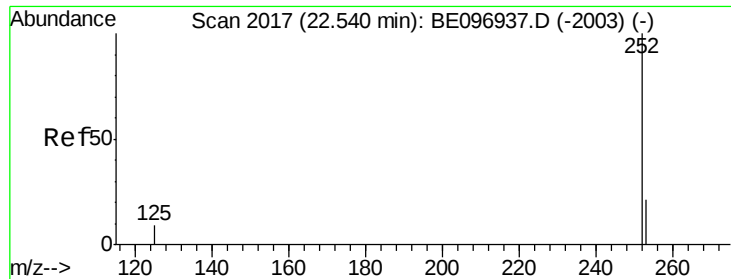
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE097016.D
 Acq: 20 Jul 2018 5:57

Tgt Ion: 264 Resp: 14763
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.5 30.7
 265 24.1 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





#35

Benzo(b)fluoranthene

Concen: 0.328 ng

RT: 22.54 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

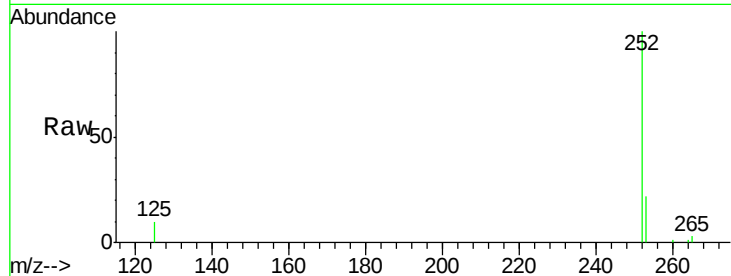
Tgt Ion:252 Resp: 12340

Ion Ratio Lower Upper

252 100

253 22.4 20.0 30.0

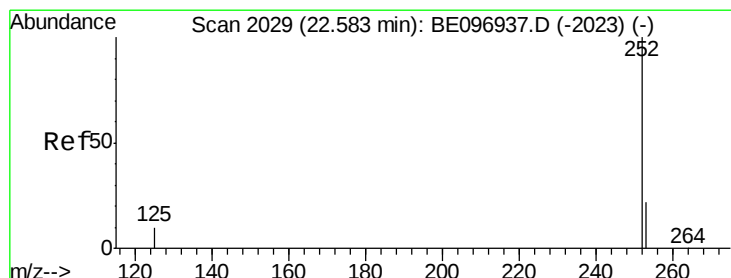
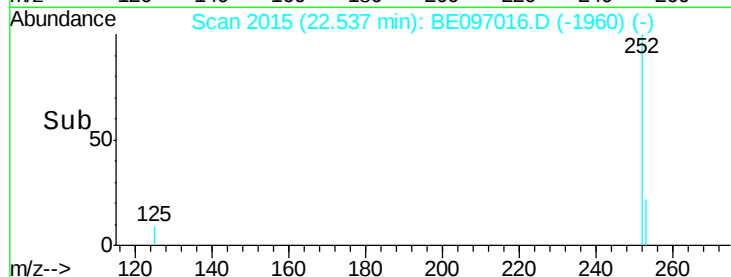
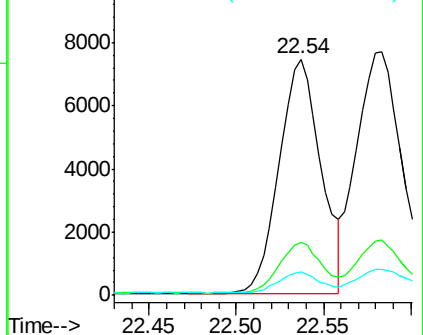
125 10.2 16.0 24.0#



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: 0.335 ng

RT: 22.58 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BE097016.D

Acq: 20 Jul 2018 5:57

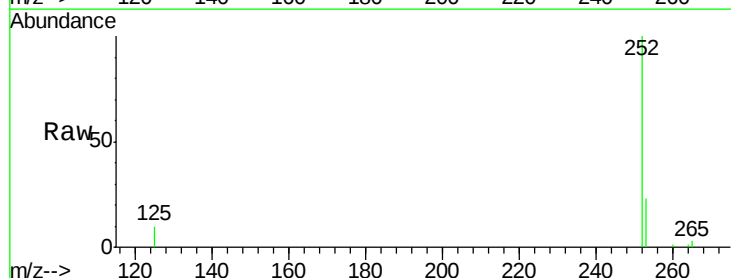
Tgt Ion:252 Resp: 15021

Ion Ratio Lower Upper

252 100

253 22.7 16.0 24.0

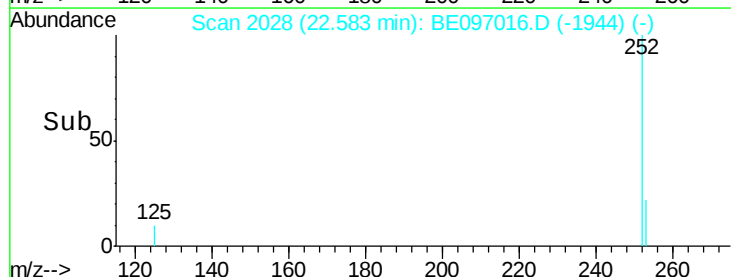
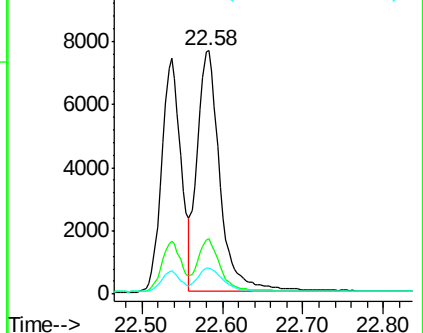
125 10.5 8.0 12.0

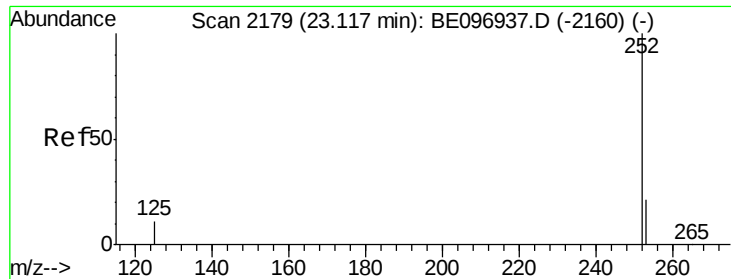


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

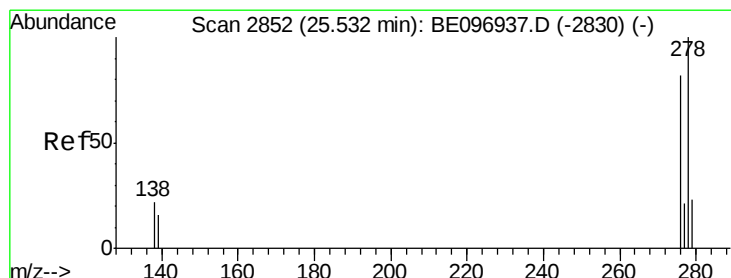
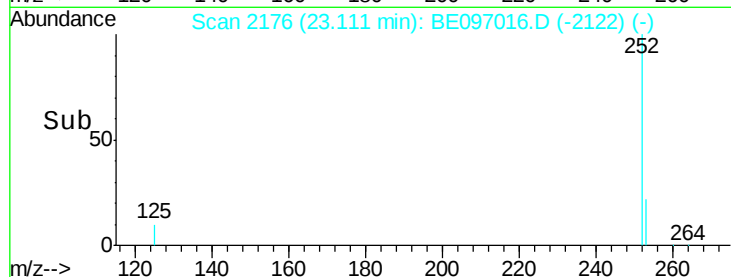
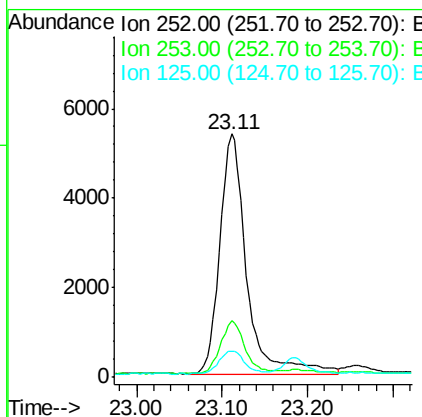
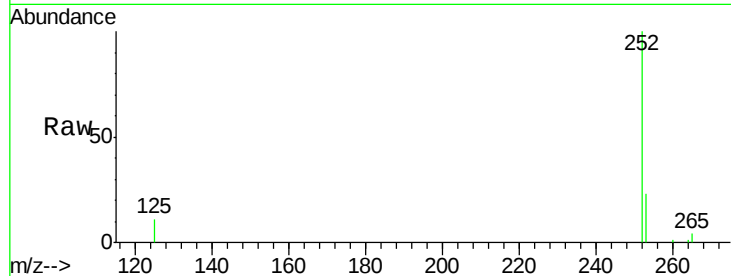




#37
Benzo(a)pyrene
Concen: 0.374 ng
RT: 23.11 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BE097016.D
Acq: 20 Jul 2018 5:57

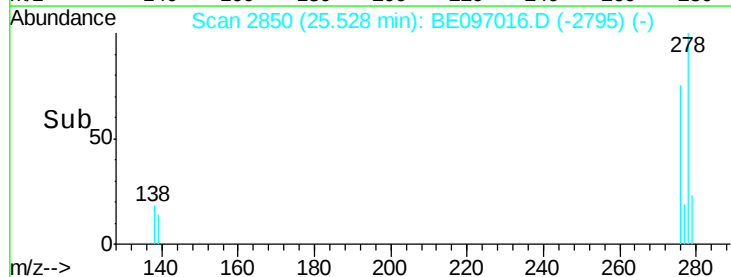
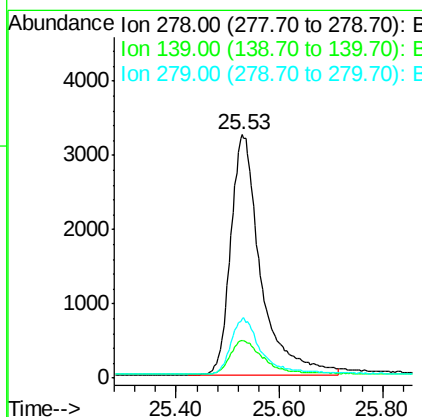
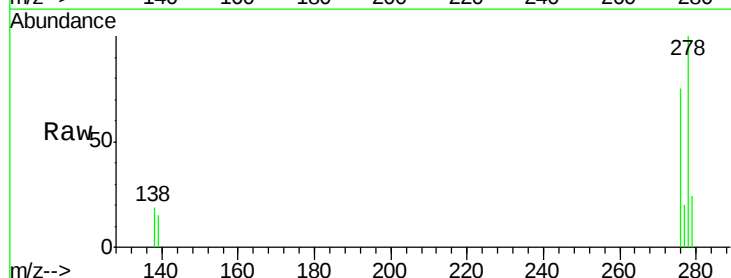
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

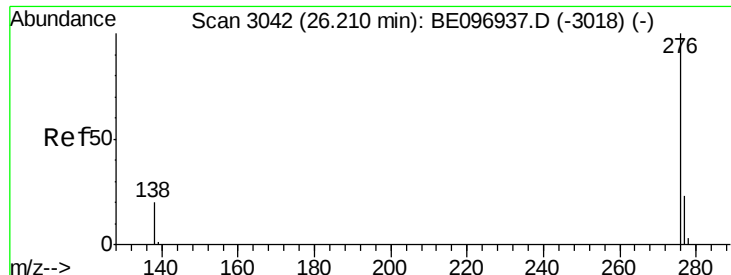
Tgt Ion: 252 Resp: 11700
Ion Ratio Lower Upper
252 100
253 23.3 16.0 24.0
125 10.8 12.0 18.0#



#38
Dibenzo(a,h)anthracene
Concen: 0.472 ng
RT: 25.53 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BE097016.D
Acq: 20 Jul 2018 5:57

Tgt Ion: 278 Resp: 13062
Ion Ratio Lower Upper
278 100
139 15.4 16.0 24.0#
279 24.2 20.0 30.0





#39

Benzo(g,h,i)perylene

Concen: 0.431 ng

RT: 26.20 min Scan# 3039

Delta R.T. -0.01 min

Lab File: BE097016.D

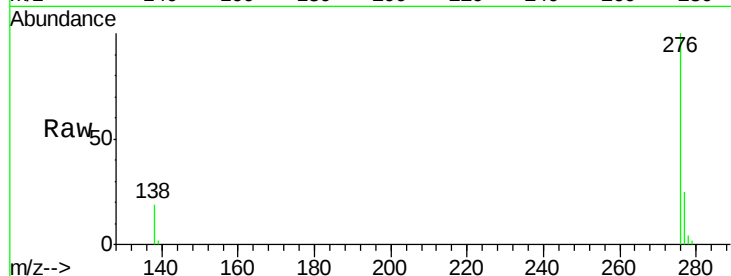
Acq: 20 Jul 2018 5:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



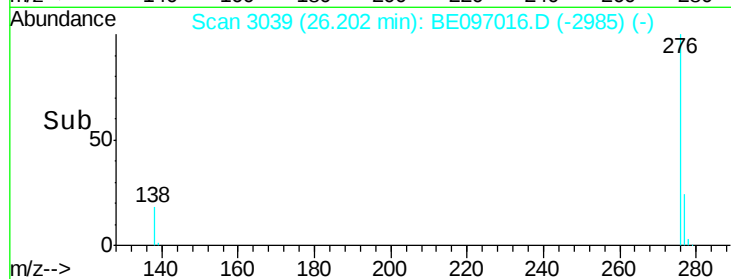
Tgt Ion: 276 Resp: 13197

Ion Ratio Lower Upper

276 100

277 24.9 16.0 24.0#

138 18.8 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

