

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060519\
 Data File : BE099798.D
 Acq On : 5 Jun 2019 9:49
 Operator : JU/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Jun 05 13:39:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 13:28:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1083	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	3713	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	2912	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	9917	0.40	ng	0.00
27) Chrysene-d12	21.41	240	16485	0.40	ng	0.00
34) Perylene-d12	23.95	264	18095	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	498	0.18	ng	0.00
5) Phenol-d6	6.98	99	620	0.17	ng	0.02
8) Nitrobenzene-d5	8.98	82	610	0.19	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	1275	0.20	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	243	0.14	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	2006	0.18	ng	0.01
25) Fluoranthene-d10	19.26	212	29419	0.22	ng	0.00
29) Terphenyl-d14	19.86	244	5393	0.18	ng	0.00

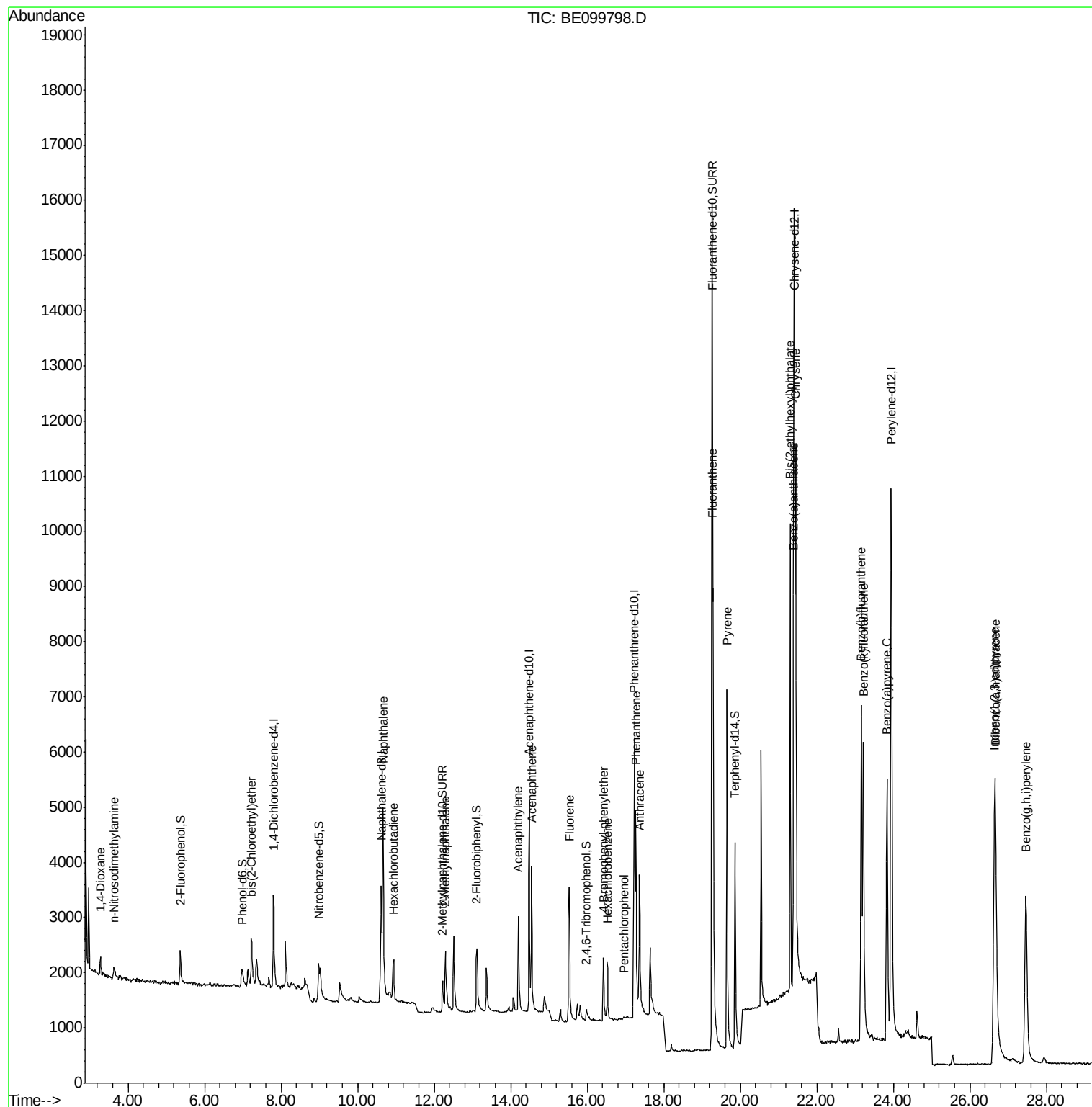
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	377	0.235	ng	# 88
3) n-Nitrosodimethylamine	3.63	42	167	0.189	ng	# 62
6) bis(2-Chloroethyl)ether	7.23	93	593	0.184	ng	# 84
9) Naphthalene	10.67	128	7975	0.201	ng	# 98
10) Hexachlorobutadiene	10.94	225	634	0.217	ng	95
12) 2-Methylnaphthalene	12.30	142	1183	0.183	ng	97
16) Acenaphthylene	14.20	152	2628	0.194	ng	99
17) Acenaphthene	14.54	154	1502	0.197	ng	99
18) Fluorene	15.53	166	2172	0.194	ng	99
20) 4-Bromophenyl-phenylether	16.43	248	1067	0.187	ng	87
21) Hexachlorobenzene	16.53	284	1169	0.200	ng	98
22) Pentachlorophenol	16.97	266	81	0.048	ng	92
23) Phenanthrene	17.27	178	4476	0.185	ng	99
24) Anthracene	17.36	178	3577	0.163	ng	99
26) Fluoranthene	19.29	202	8140	0.212	ng	99
28) Pyrene	19.65	202	8301	0.200	ng	100
30) Benzo(a)anthracene	21.39	228	8747	0.187	ng	98
31) Chrysene	21.45	228	9906	0.198	ng	98
32) Bis(2-ethylhexyl)phthalate	21.30	149	9815	0.182	ng	100
33) Indeno(1,2,3-cd)pyrene	26.64	276	11685	0.193	ng	# 93
35) Benzo(b)fluoranthene	23.16	252	9706	0.196	ng	# 96
36) Benzo(k)fluoranthene	23.21	252	10120	0.196	ng	# 97
37) Benzo(a)pyrene	23.83	252	9293	0.195	ng	# 93
38) Dibenzo(a,h)anthracene	26.67	278	9147	0.183	ng	94
39) Benzo(g,h,i)perylene	27.46	276	9869	0.195	ng	99

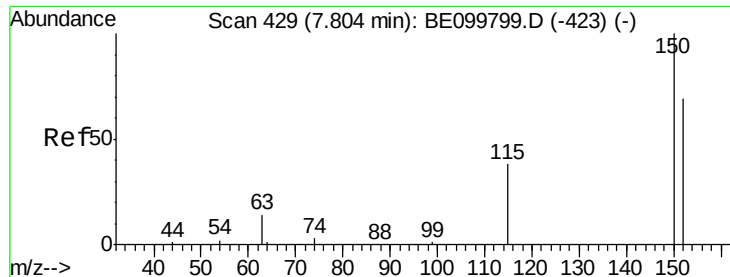
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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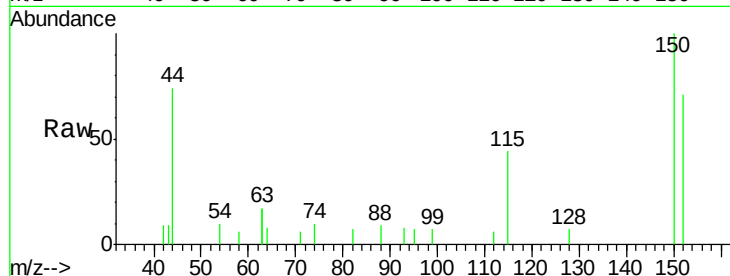


#1

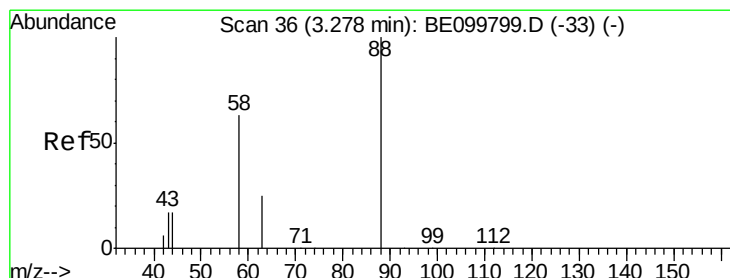
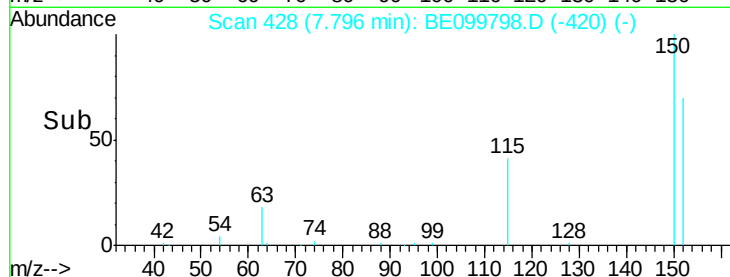
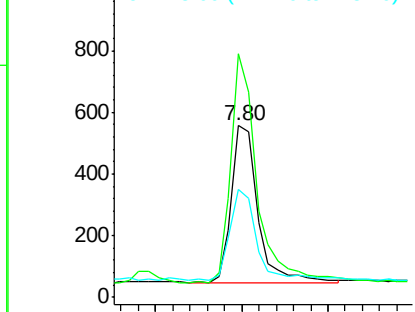
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:152 Resp: 1083
Ion Ratio Lower Upper
152 100
150 141.7 112.8 169.2
115 63.0 47.6 71.4



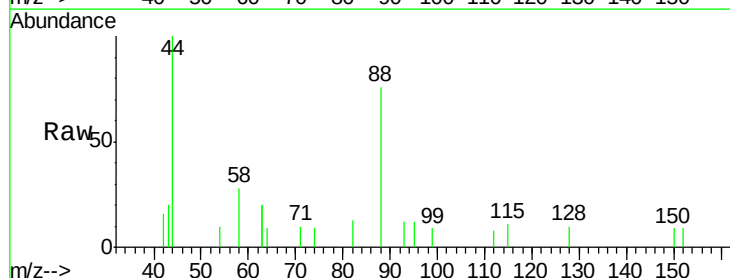
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



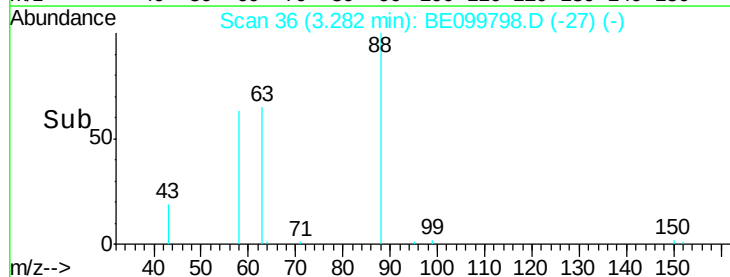
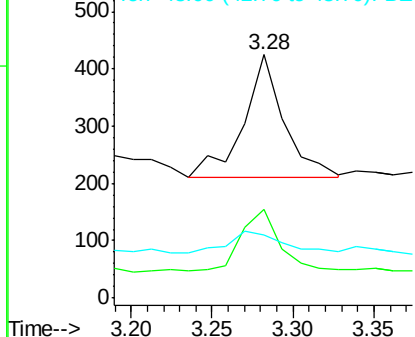
#2

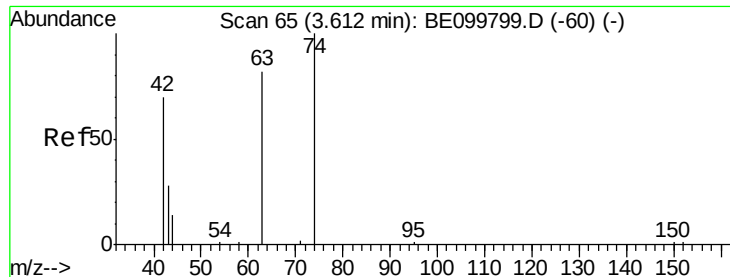
1,4-Dioxane
Concen: 0.235 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Tgt Ion: 88 Resp: 377
Ion Ratio Lower Upper
88 100
58 47.5 47.5 71.3#
43 24.1 18.2 27.4



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: 0.189 ng

RT: 3.63 min Scan# 66

Delta R.T. 0.02 min

Lab File: BE099798.D

Acq: 5 Jun 2019 9:49

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

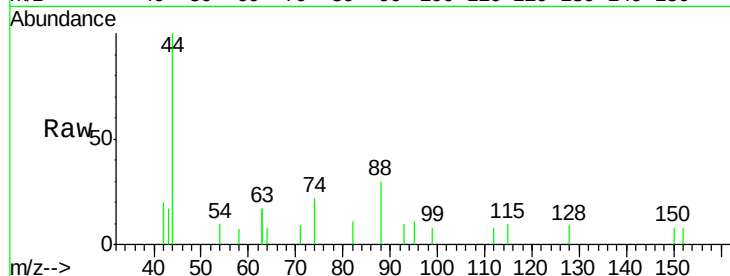
Tot Ion: 42 Resp: 167

Ion Ratio Lower Upper

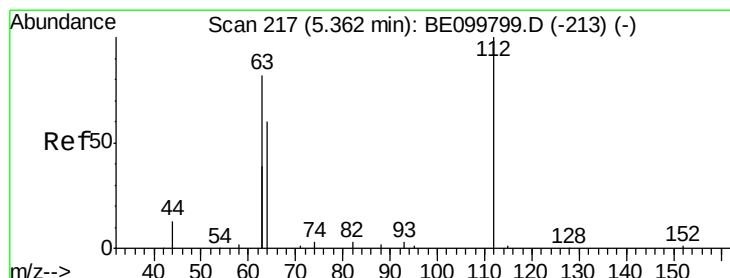
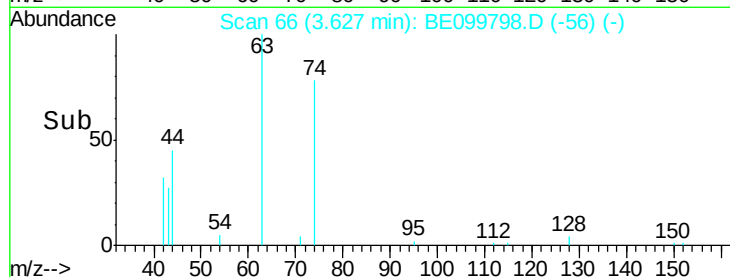
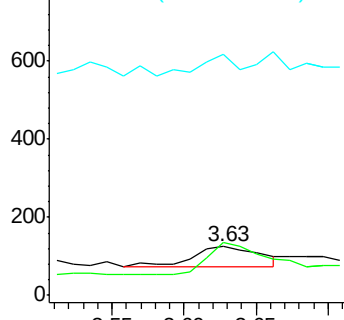
42 100

74 126.9 137.8 206.6#

44 54.5 10.8 16.2#



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: 0.182 ng

RT: 5.37 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099798.D

Acq: 5 Jun 2019 9:49

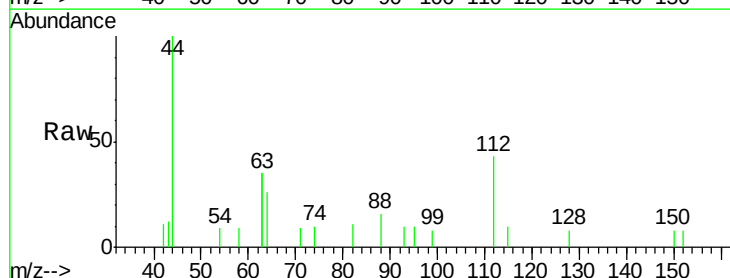
Tgt Ion: 112 Resp: 498

Ion Ratio Lower Upper

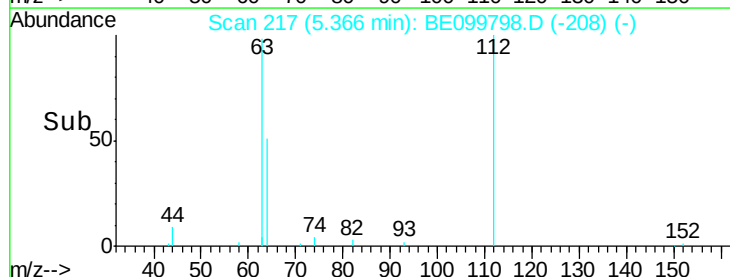
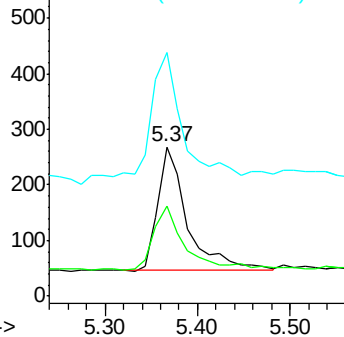
112 100

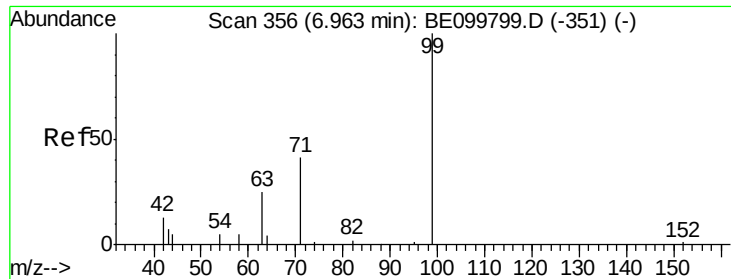
64 60.8 47.2 70.8

63 93.6 90.7 136.1



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: 0.171 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.02 min

Lab File: BE099798.D

Acq: 5 Jun 2019 9:49

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

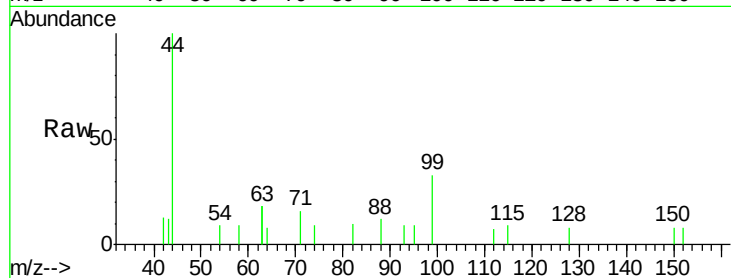
Tot Ion: 99 Resp: 620

Ion Ratio Lower Upper

99 100

42 0.0 11.0 16.4#

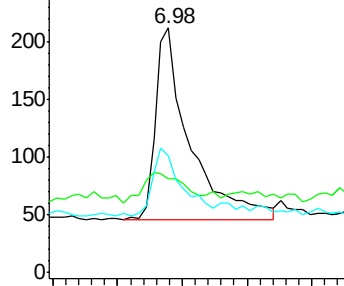
71 29.5 26.1 39.1



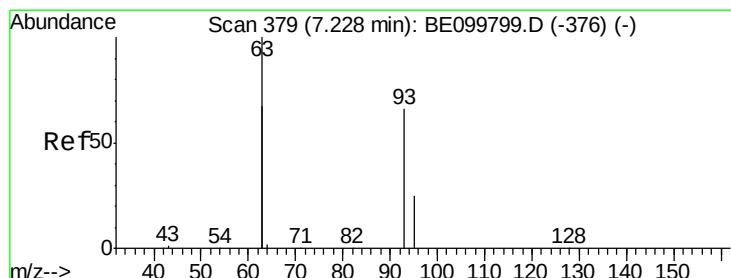
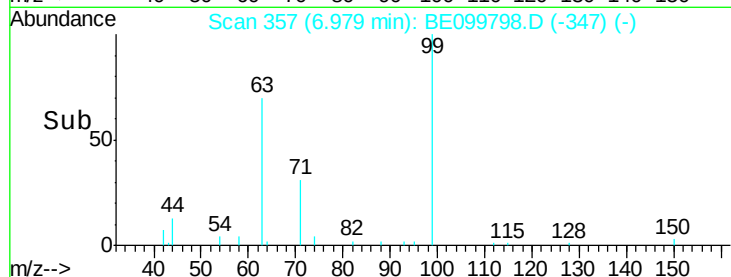
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.80 6.90 7.00 7.10 7.20



#6

bis(2-Chloroethyl)ether

Concen: 0.184 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.00 min

Lab File: BE099798.D

Acq: 5 Jun 2019 9:49

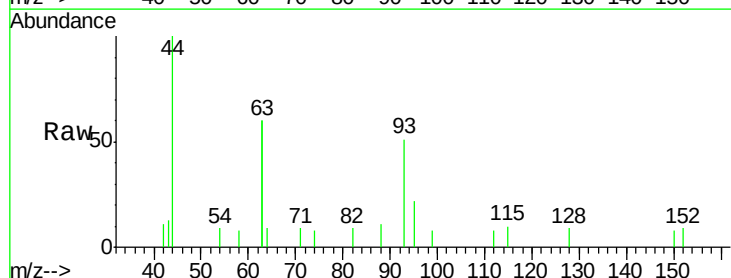
Tgt Ion: 93 Resp: 593

Ion Ratio Lower Upper

93 100

63 231.0 208.8 313.2

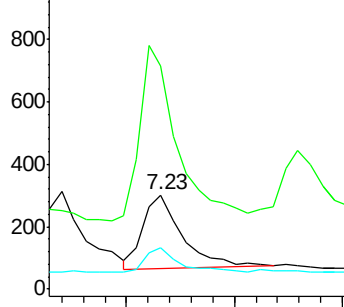
95 27.2 27.6 41.4#



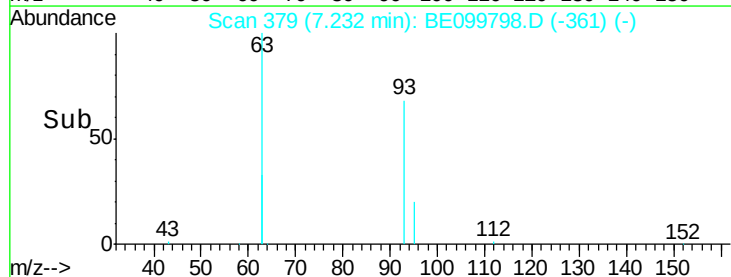
Abundance Ion 93.00 (92.70 to 93.70): BE0

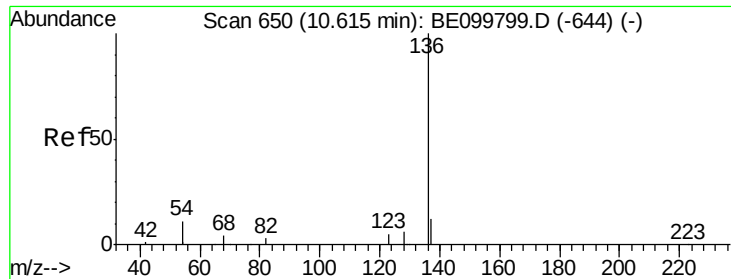
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time--> 7.20 7.30





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099798.D

Acq: 5 Jun 2019 9:49

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 3713

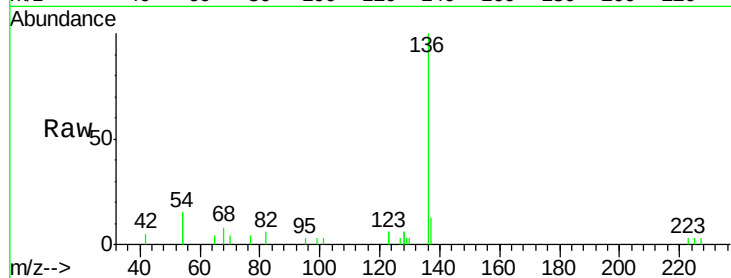
Ion Ratio Lower Upper

136 100

137 13.3 11.1 16.7

54 29.1 17.9 26.9#

68 8.2 5.4 8.0#

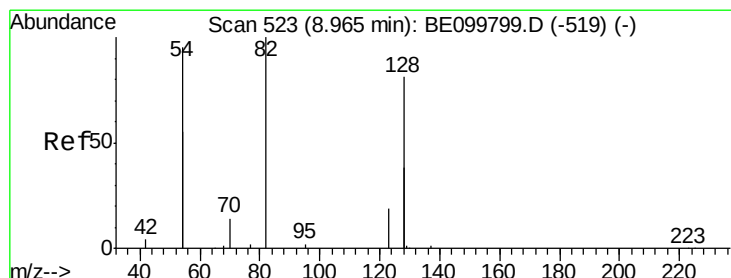
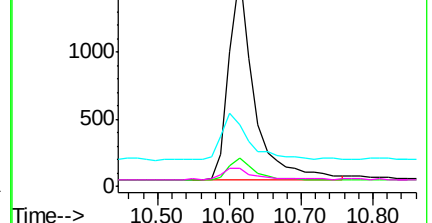
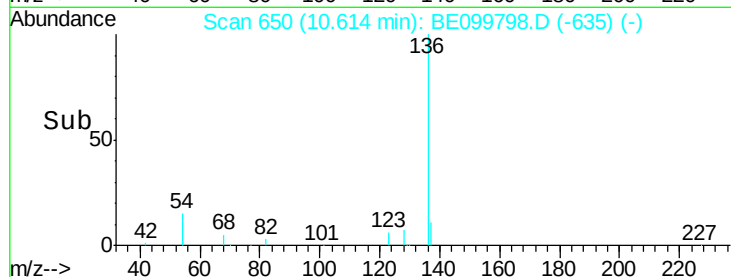


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.190 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099798.D

Acq: 5 Jun 2019 9:49

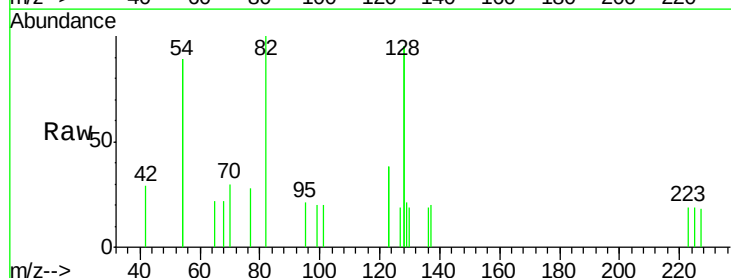
Tgt Ion: 82 Resp: 610

Ion Ratio Lower Upper

82 100

128 189.3 116.6 175.0#

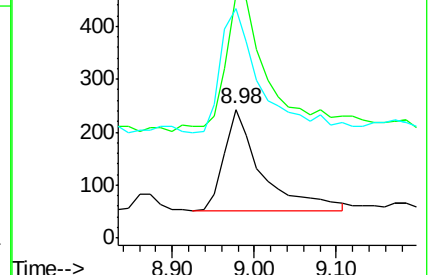
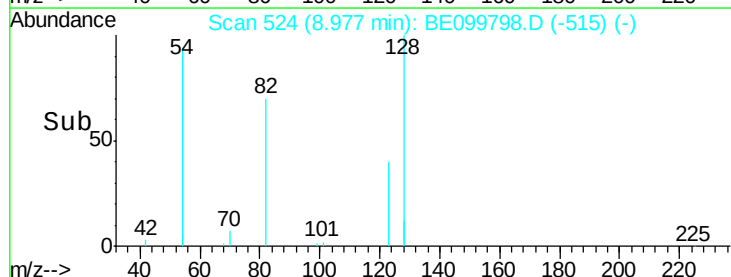
54 178.6 136.2 204.4

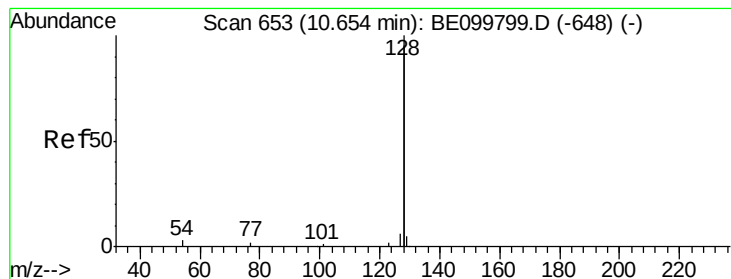


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.201 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.01 min

Lab File: BE099798.D

Acq: 5 Jun 2019 9:49

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

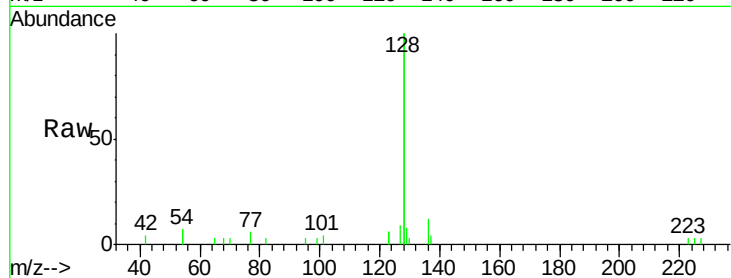
Tot Ion:128 Resp: 7975

Ion Ratio Lower Upper

128 100

129 4.0 2.6 4.0#

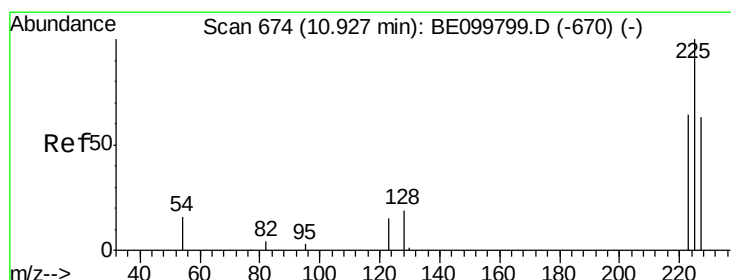
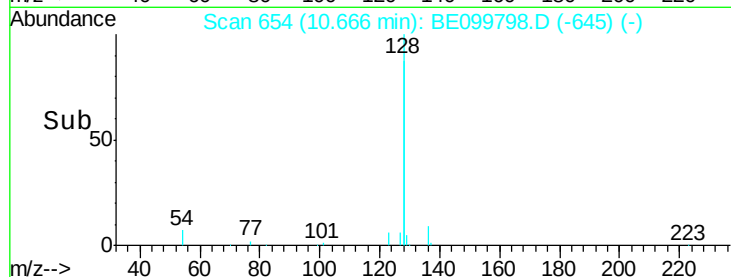
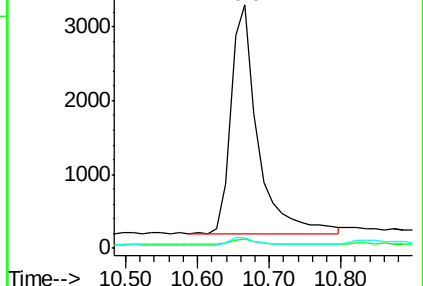
127 4.4 3.0 4.6



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: 0.217 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.01 min

Lab File: BE099798.D

Acq: 5 Jun 2019 9:49

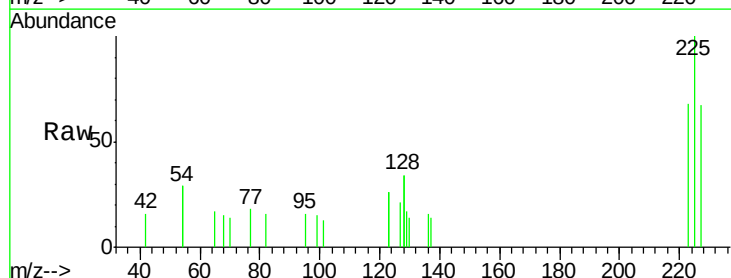
Tgt Ion:225 Resp: 634

Ion Ratio Lower Upper

225 100

223 63.7 48.6 72.8

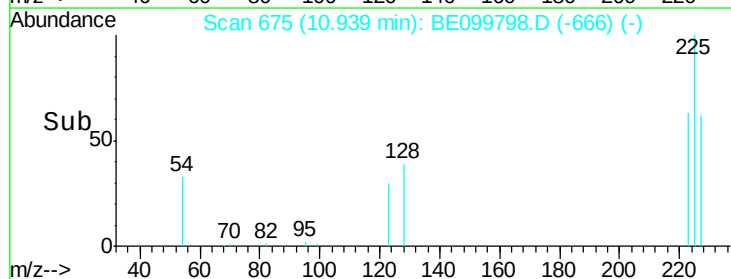
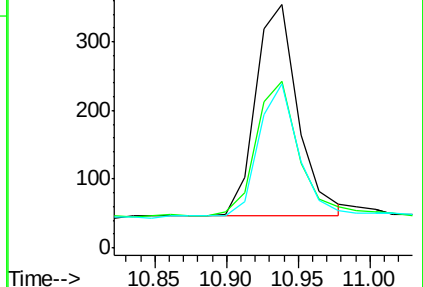
227 60.4 51.8 77.6

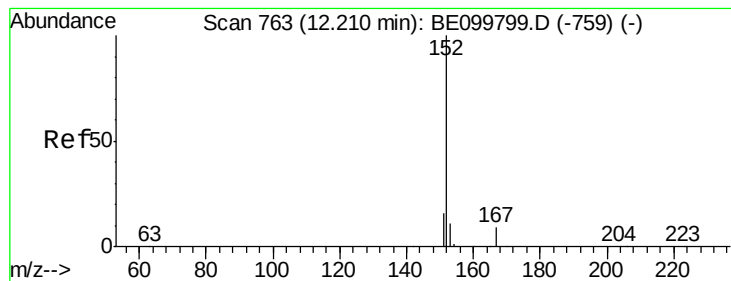


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.199 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE099798.D

Acq: 5 Jun 2019 9:49

Instrument :

BNA_E

ClientSampleId :

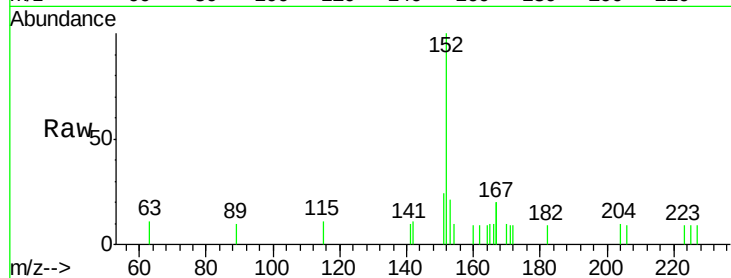
SSTDIC0.2

Tot Ion:152 Resp: 1275

Ion Ratio Lower Upper

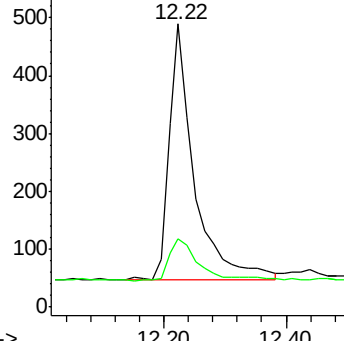
152 100

151 20.8 15.5 23.3

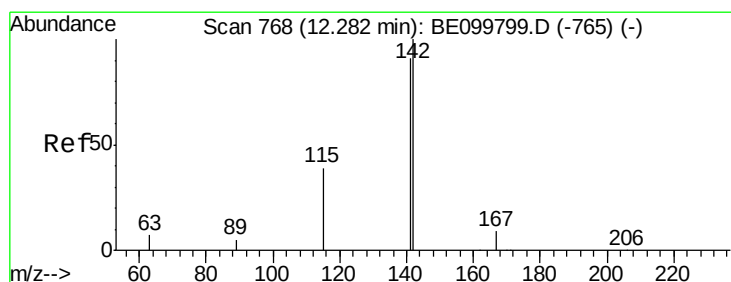
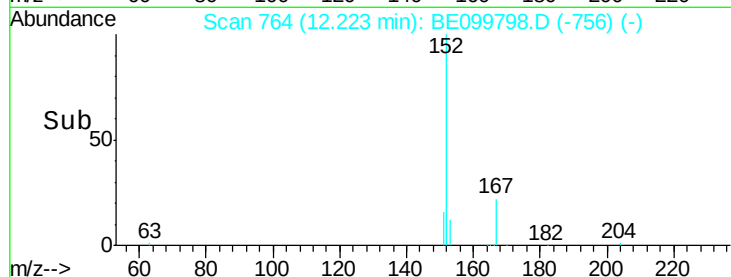


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->



#12

2-Methylnaphthalene

Concen: 0.183 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.01 min

Lab File: BE099798.D

Acq: 5 Jun 2019 9:49

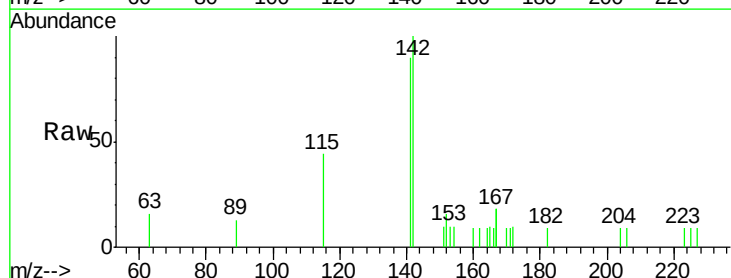
Tgt Ion:142 Resp: 1183

Ion Ratio Lower Upper

142 100

141 89.6 73.3 109.9

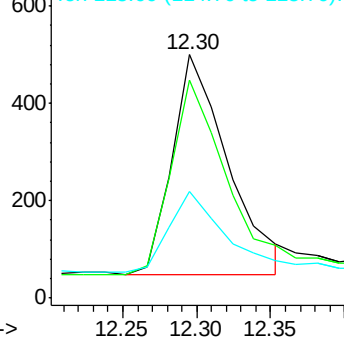
115 44.0 33.4 50.2



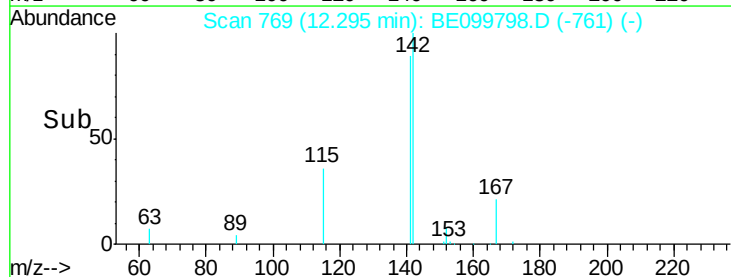
Abundance Ion 142.00 (141.70 to 142.70): E

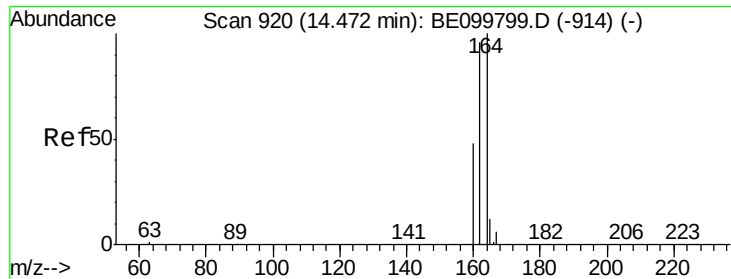
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->

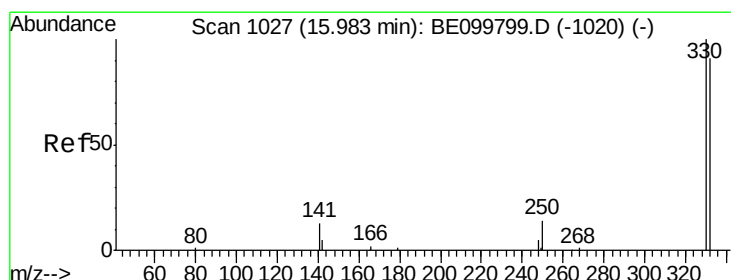
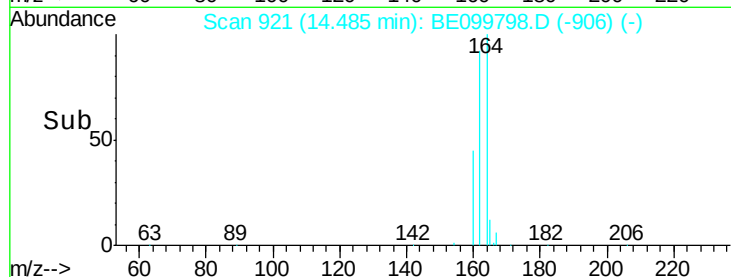
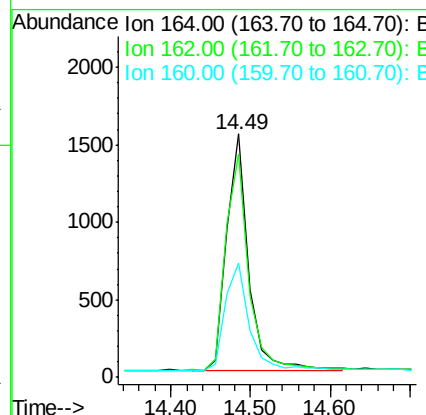
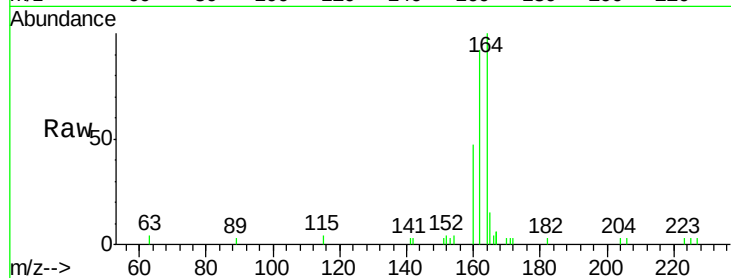




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

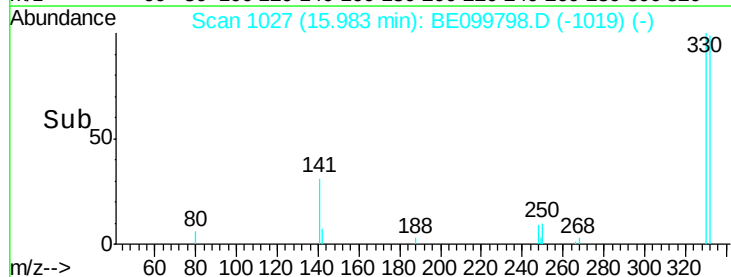
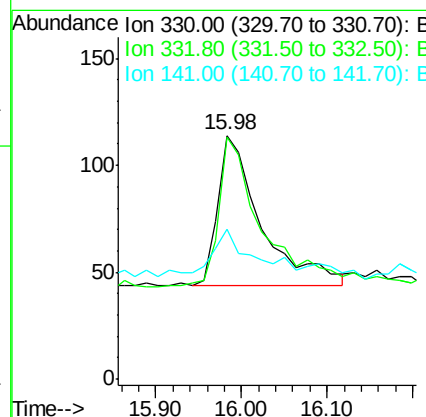
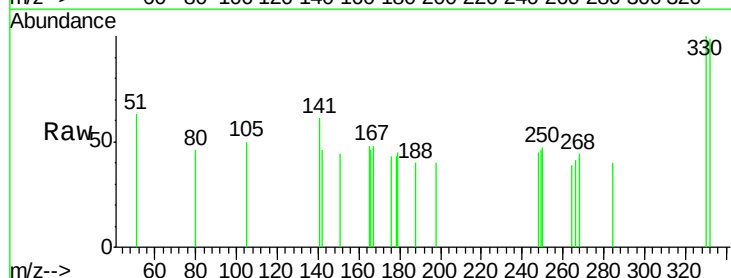
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

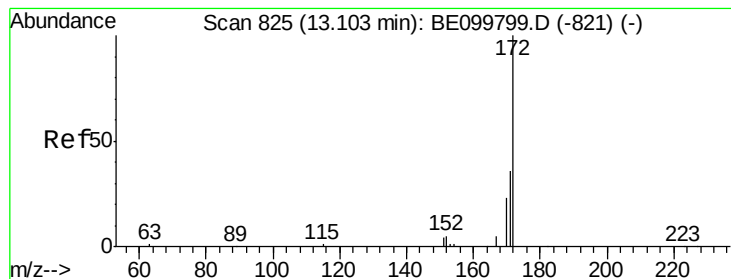
Tot Ion:164 Resp: 2912
Ion Ratio Lower Upper
164 100
162 91.7 77.2 115.8
160 46.7 39.4 59.2



#14
2,4,6-Tribromophenol
Concen: 0.141 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Tgt Ion:330 Resp: 243
Ion Ratio Lower Upper
330 100
332 103.3 72.9 109.3
141 23.9 15.6 23.4#

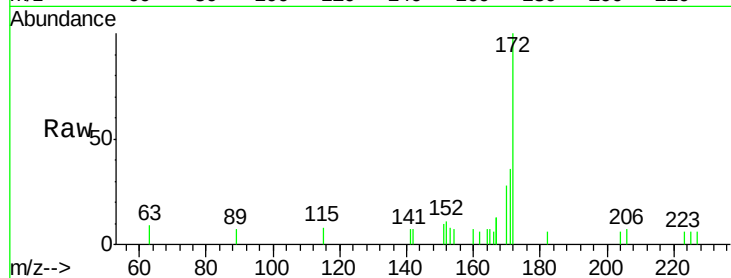




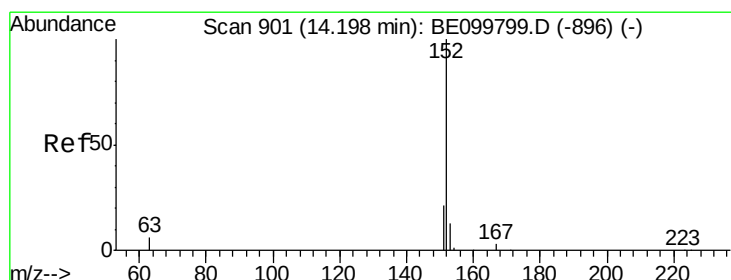
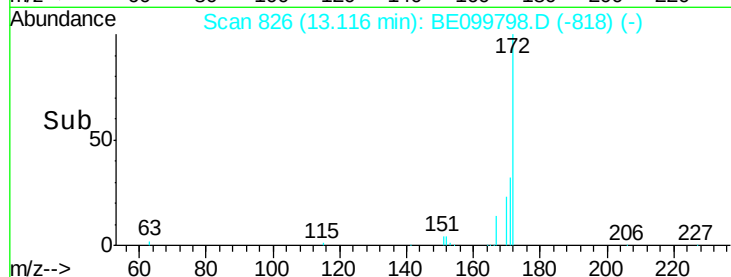
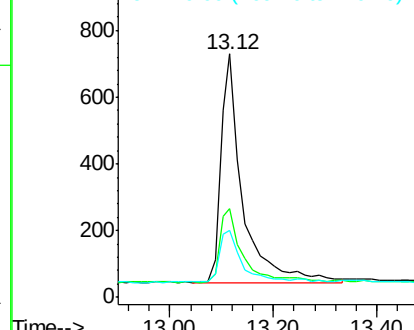
#15
2-Fluorobiphenyl
Concen: 0.182 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:172 Resp: 2006
Ion Ratio Lower Upper
172 100
171 36.4 30.2 45.4
170 27.5 20.1 30.1

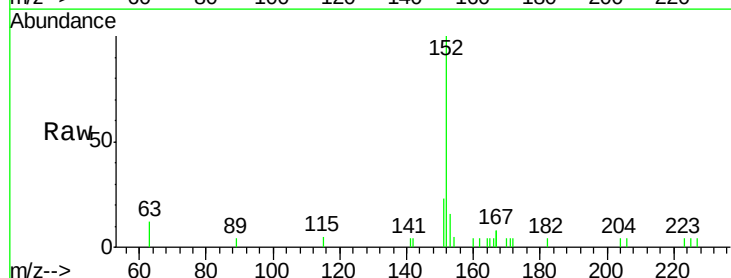


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

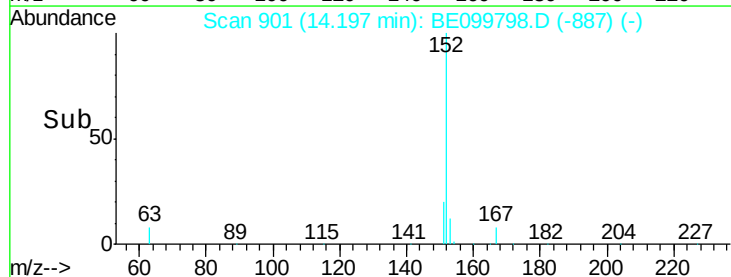
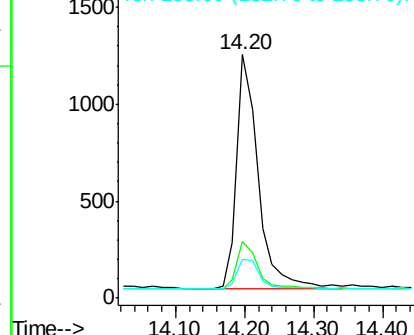


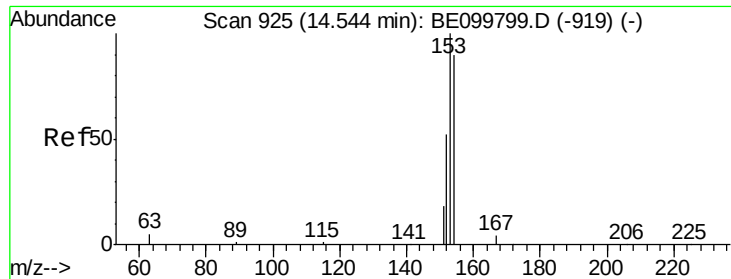
#16
Acenaphthylene
Concen: 0.194 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Tgt Ion:152 Resp: 2628
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 14.3 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

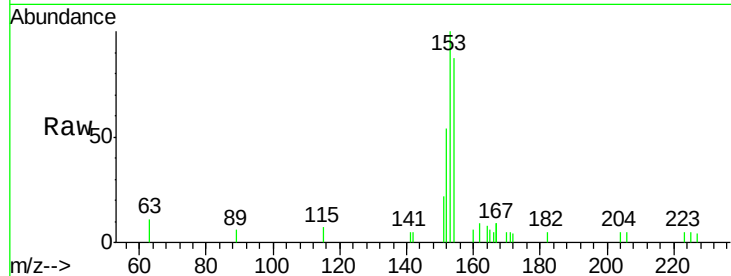




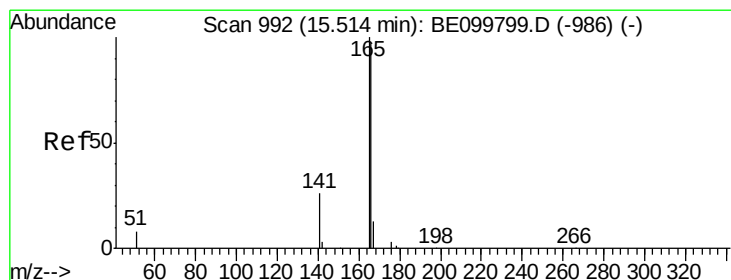
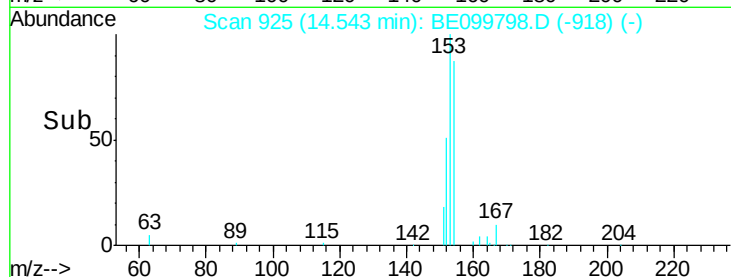
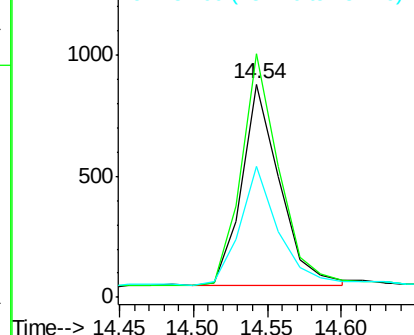
#17
Acenaphthene
Concen: 0.197 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:154 Resp: 1502
Ion Ratio Lower Upper
154 100
153 115.0 92.8 139.2
152 58.9 47.7 71.5

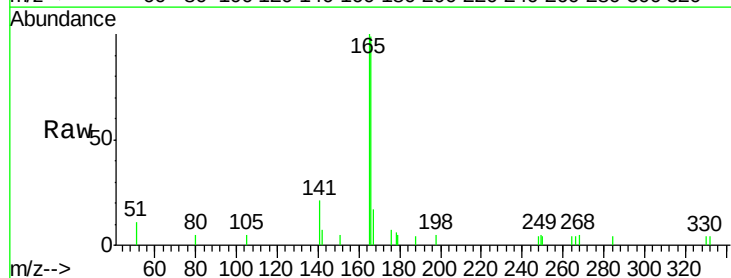


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

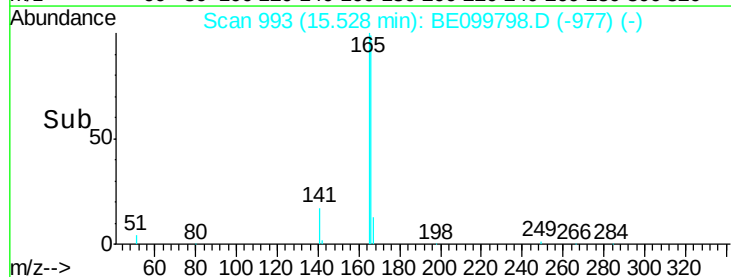
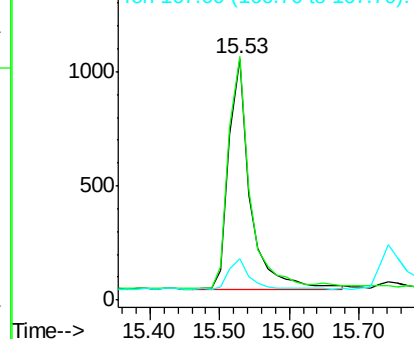


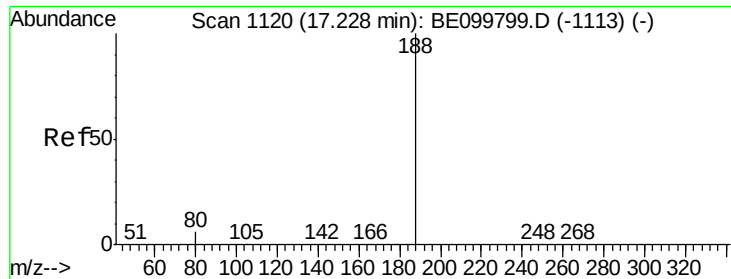
#18
Fluorene
Concen: 0.194 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.01 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Tgt Ion:166 Resp: 2172
Ion Ratio Lower Upper
166 100
165 101.4 80.4 120.6
167 14.1 10.7 16.1



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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099798.D

Acq: 5 Jun 2019 9:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

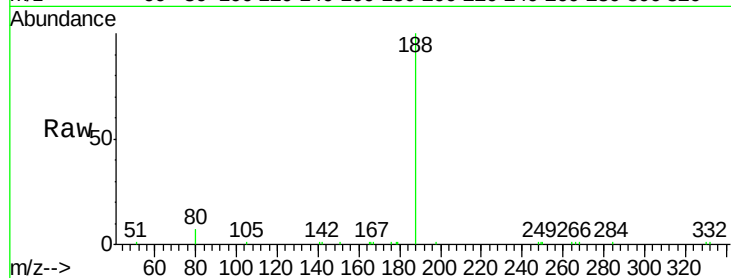
Tot Ion:188 Resp: 9917

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

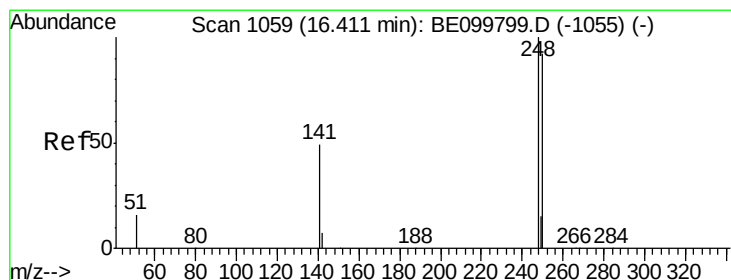
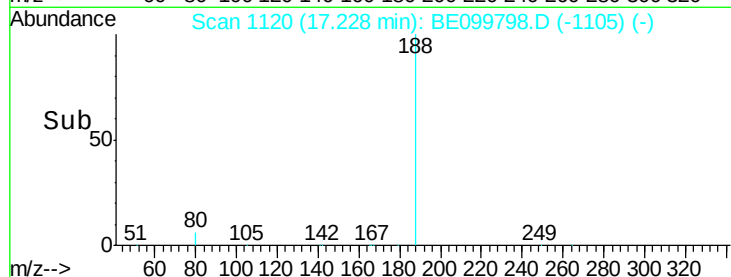
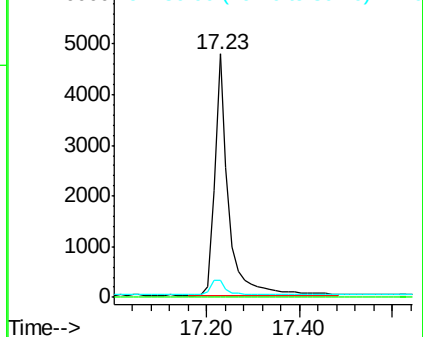
80 7.2 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.187 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.01 min

Lab File: BE099798.D

Acq: 5 Jun 2019 9:49

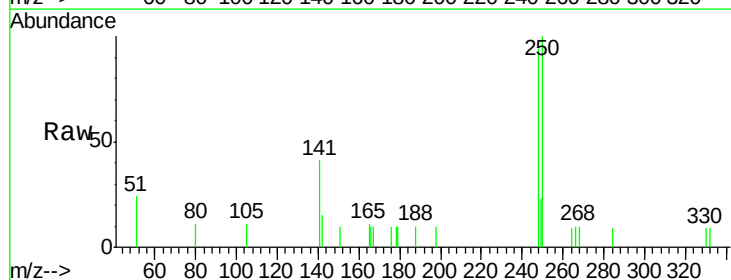
Tgt Ion:248 Resp: 1067

Ion Ratio Lower Upper

248 100

250 106.1 73.7 110.5

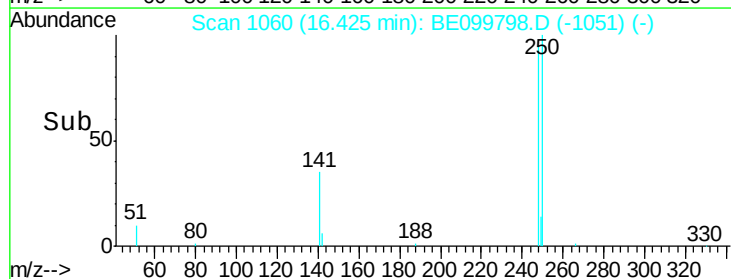
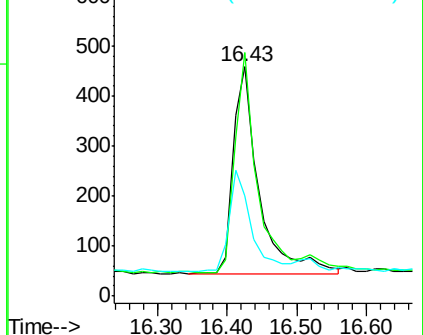
141 43.8 40.9 61.3

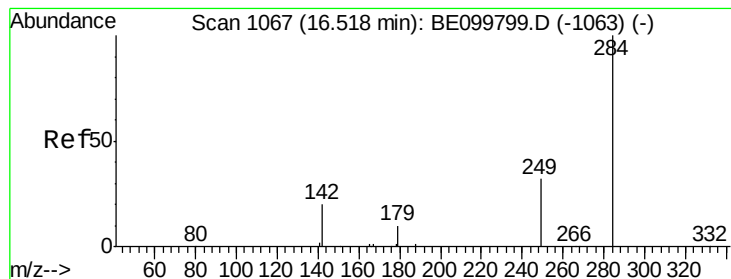


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.200 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.01 min

Lab File: BE099798.D

Acq: 5 Jun 2019 9:49

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

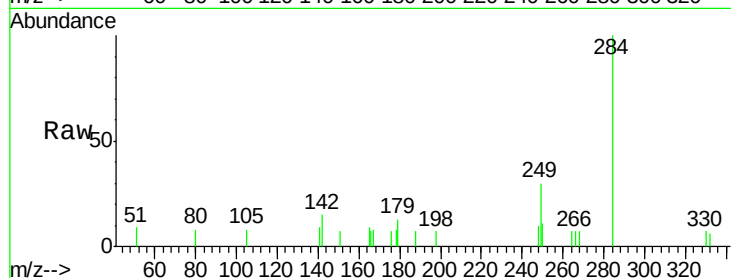
Tot Ion:284 Resp: 1169

Ion Ratio Lower Upper

284 100

142 19.6 16.2 24.4

249 29.6 23.0 34.6

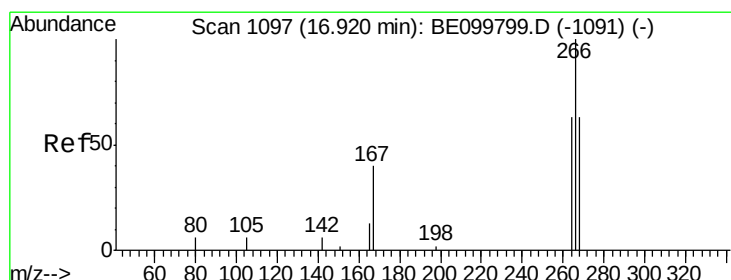
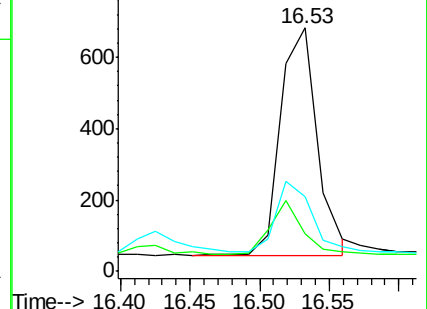
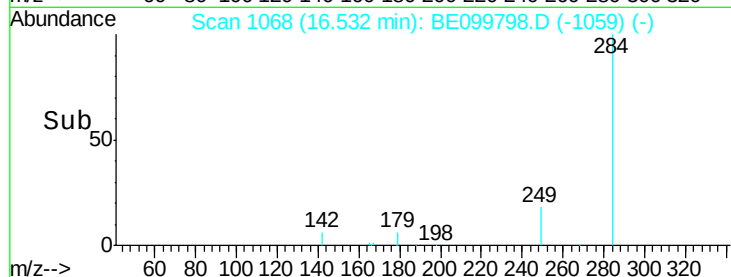


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

Time--> 16.40 16.45 16.50 16.55



#22

Pentachlorophenol

Concen: 0.048 ng

RT: 16.97 min Scan# 1101

Delta R.T. 0.05 min

Lab File: BE099798.D

Acq: 5 Jun 2019 9:49

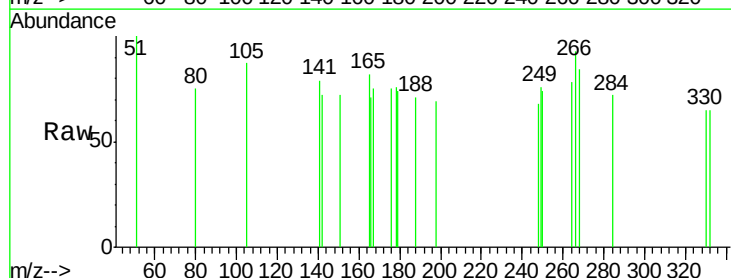
Tgt Ion:266 Resp: 81

Ion Ratio Lower Upper

266 100

264 84.1 64.9 97.3

268 90.5 64.0 96.0

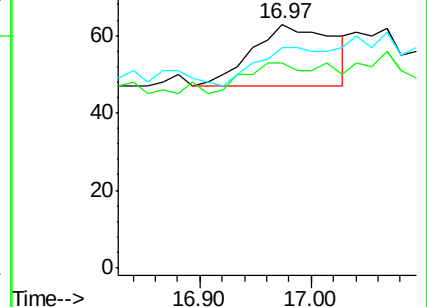
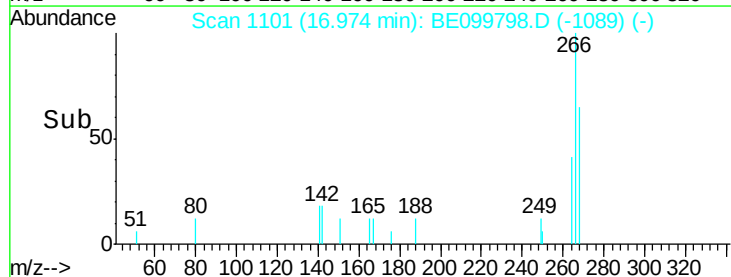


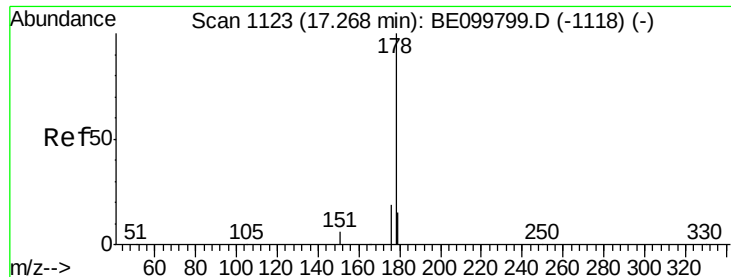
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

Time--> 16.90 17.00

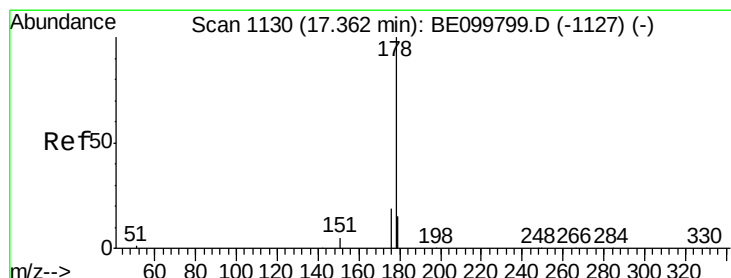
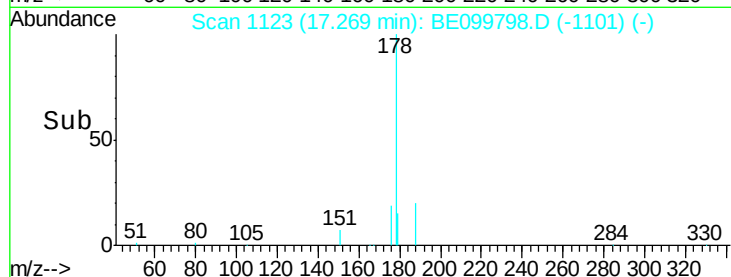
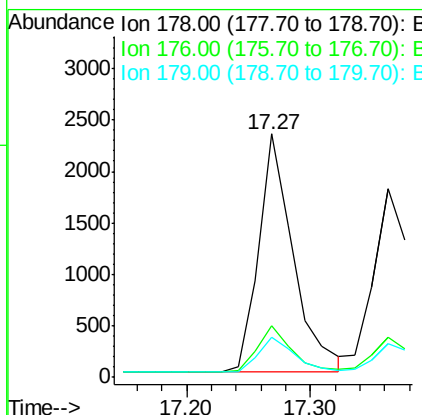
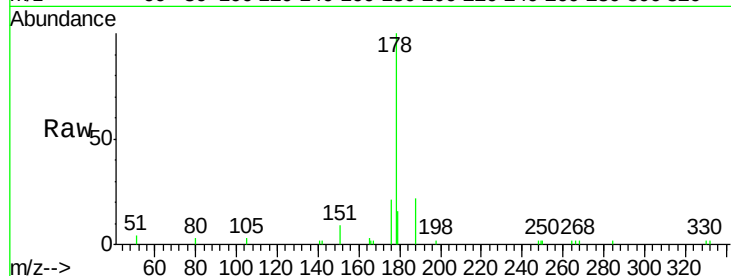




#23
Phenanthrene
Concen: 0.185 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

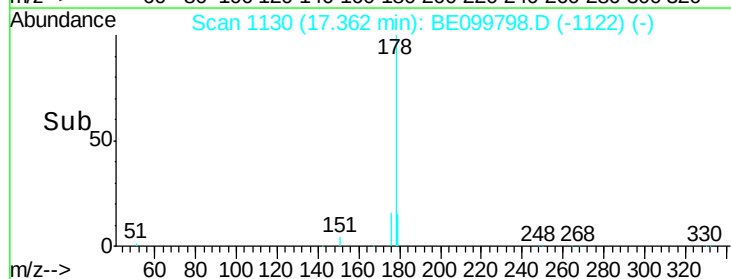
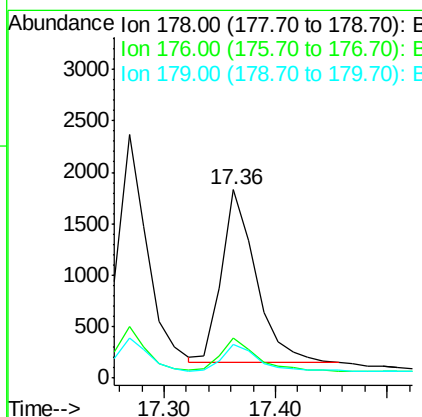
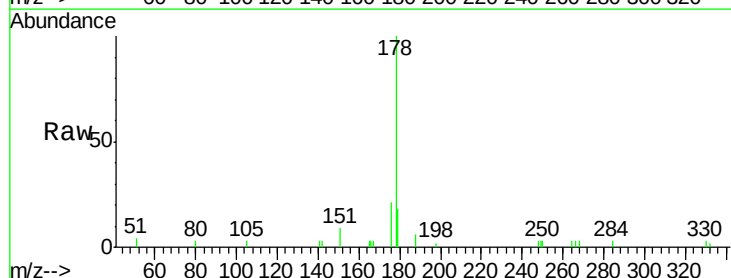
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

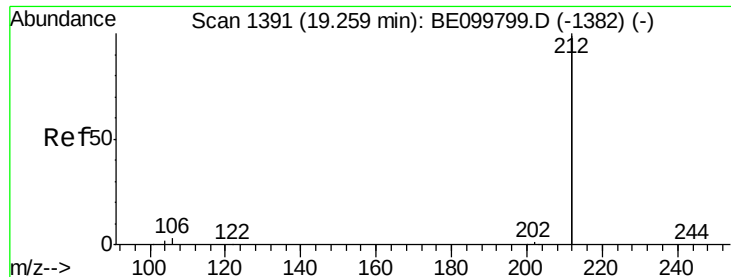
Tot Ion:178 Resp: 4476
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 16.0 12.5 18.7



#24
Anthracene
Concen: 0.163 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Tgt Ion:178 Resp: 3577
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 16.0 12.1 18.1





#25

Fluoranthene-d10

Concen: 0.217 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE099798.D

Acq: 5 Jun 2019 9:49

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

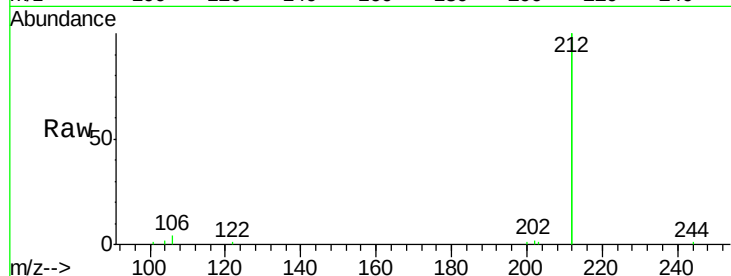
Tot Ion:212 Resp: 29419

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

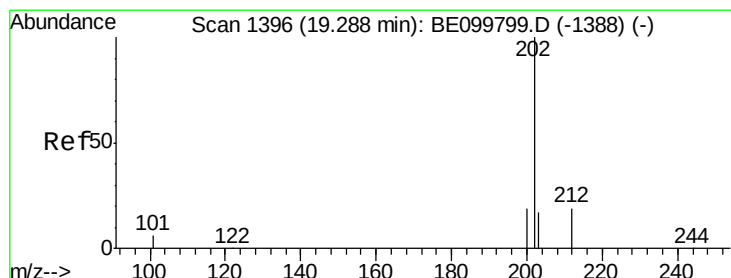
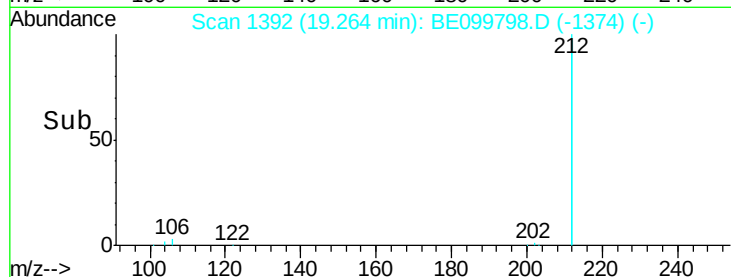
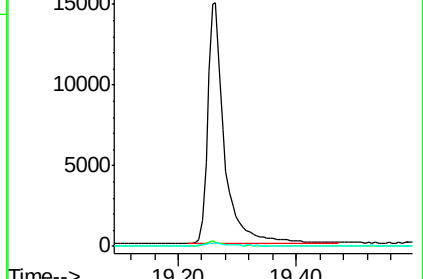
104 1.0 0.8 1.2



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: 0.212 ng

RT: 19.29 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BE099798.D

Acq: 5 Jun 2019 9:49

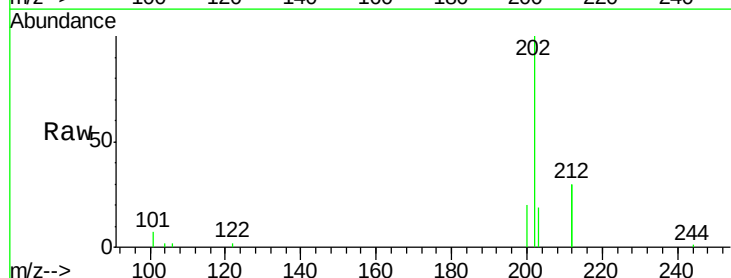
Tgt Ion:202 Resp: 8140

Ion Ratio Lower Upper

202 100

101 6.1 5.2 7.8

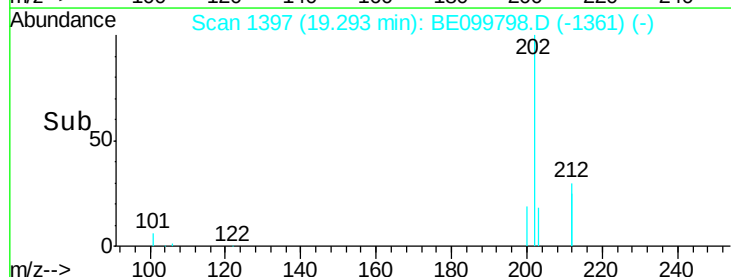
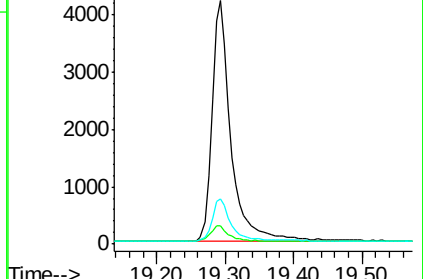
203 16.7 13.6 20.4

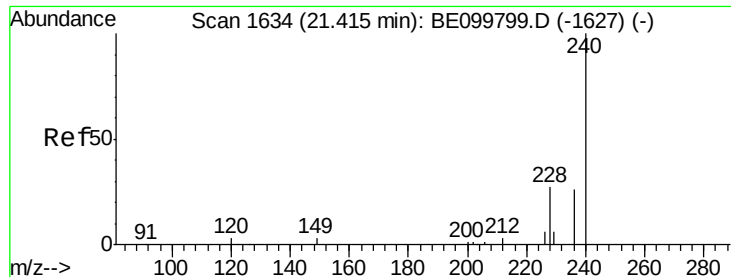


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099798.D

Acq: 5 Jun 2019 9:49

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

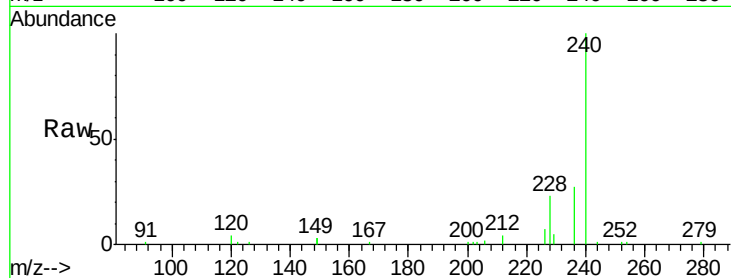
Tot Ion:240 Resp: 16485

Ion Ratio Lower Upper

240 100

120 4.4 2.8 4.2#

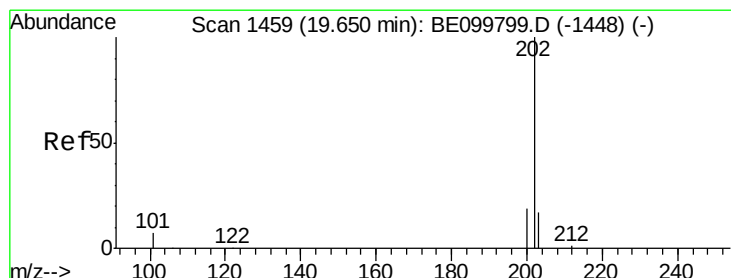
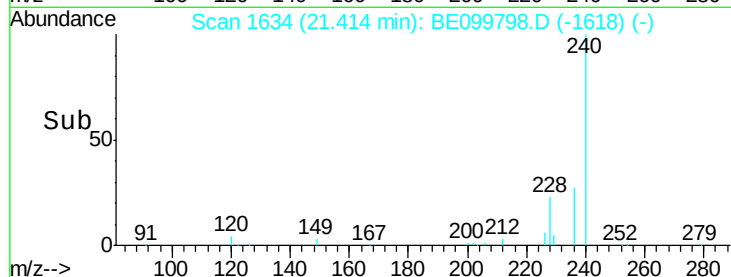
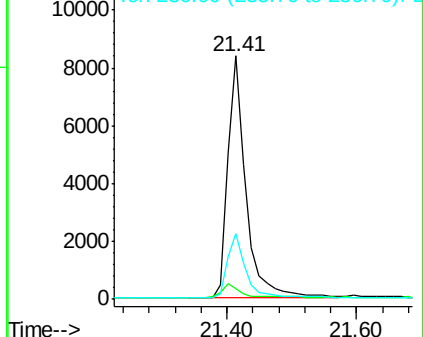
236 27.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.200 ng

RT: 19.65 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BE099798.D

Acq: 5 Jun 2019 9:49

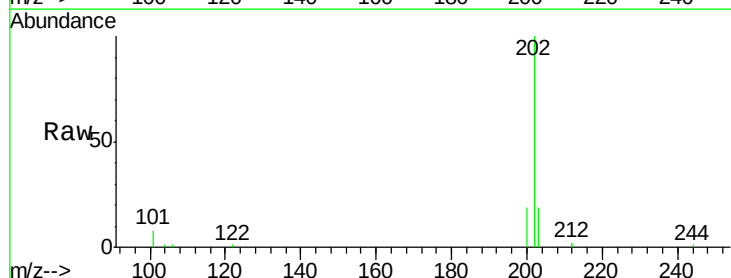
Tgt Ion:202 Resp: 8301

Ion Ratio Lower Upper

202 100

200 19.4 15.6 23.4

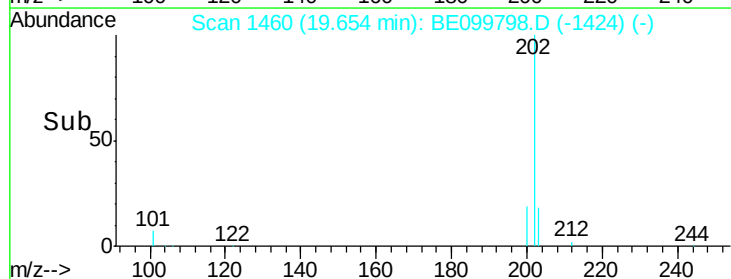
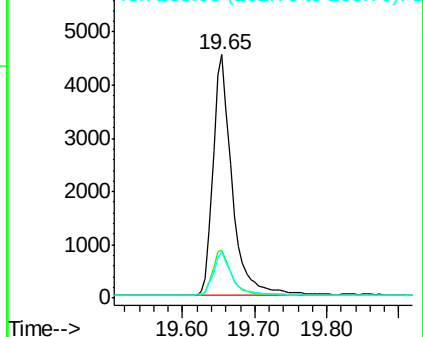
203 17.8 14.1 21.1

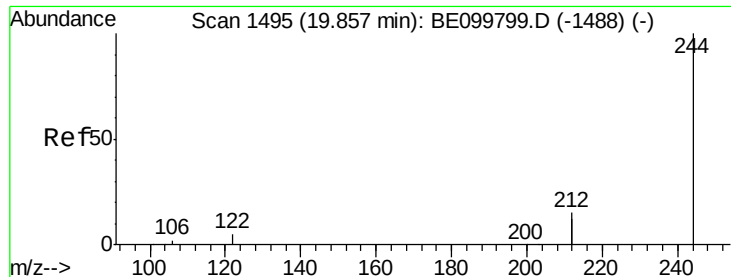


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.183 ng

RT: 19.86 min Scan# 1496

Delta R.T. 0.00 min

Lab File: BE099798.D

Acq: 5 Jun 2019 9:49

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

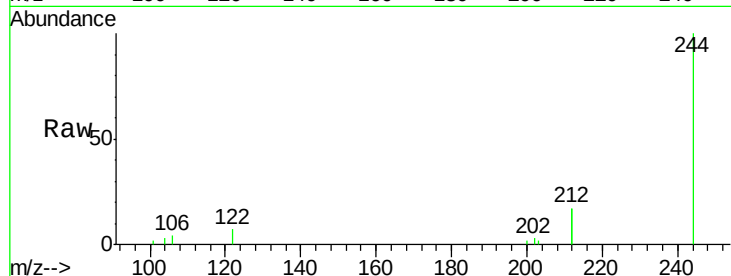
Tot Ion:244 Resp: 5393

Ion Ratio Lower Upper

244 100

212 33.7 23.7 35.5

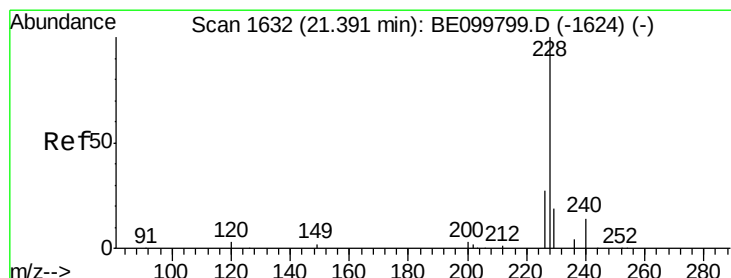
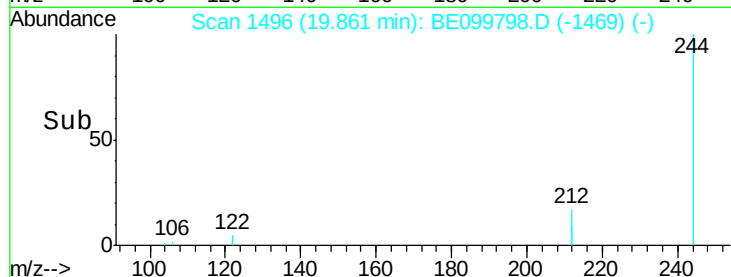
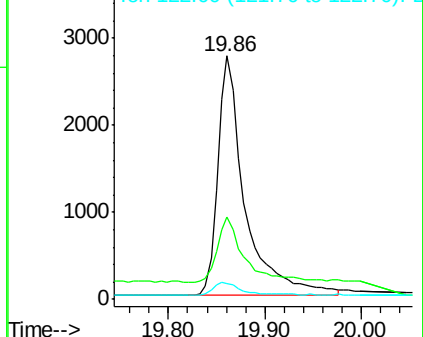
122 6.6 4.8 7.2



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: 0.187 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099798.D

Acq: 5 Jun 2019 9:49

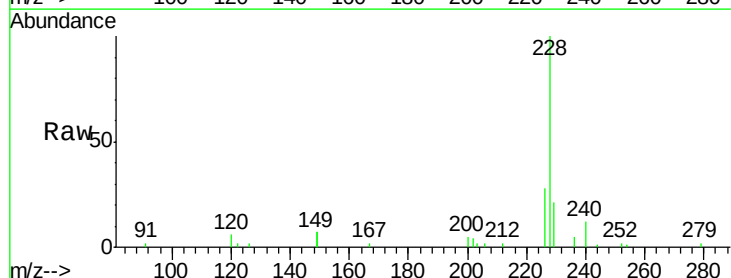
Tgt Ion:228 Resp: 8747

Ion Ratio Lower Upper

228 100

226 27.8 21.6 32.4

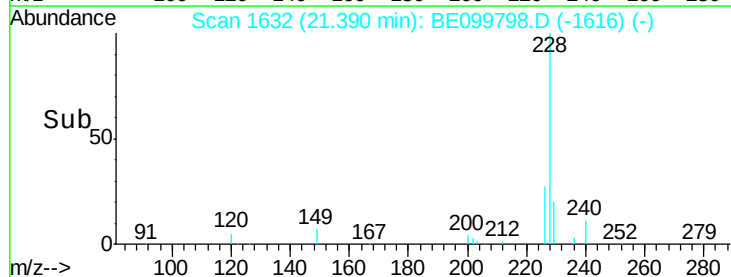
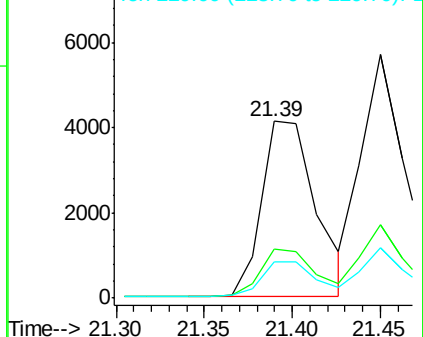
229 20.7 15.8 23.6

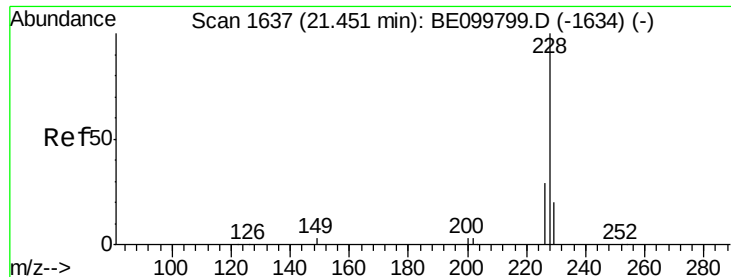


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.198 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BE099798.D

Acq: 5 Jun 2019 9:49

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

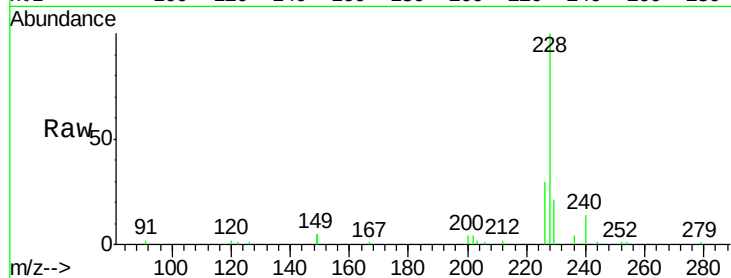
Tot Ion:228 Resp: 9906

Ion Ratio Lower Upper

228 100

226 30.2 22.9 34.3

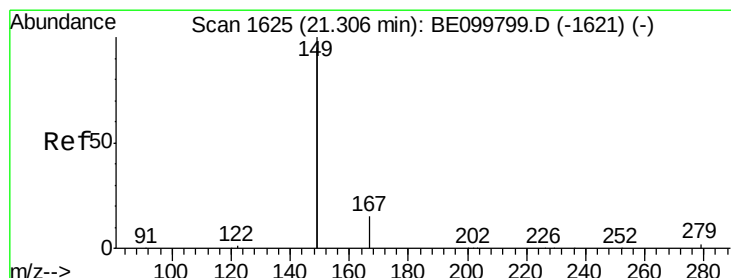
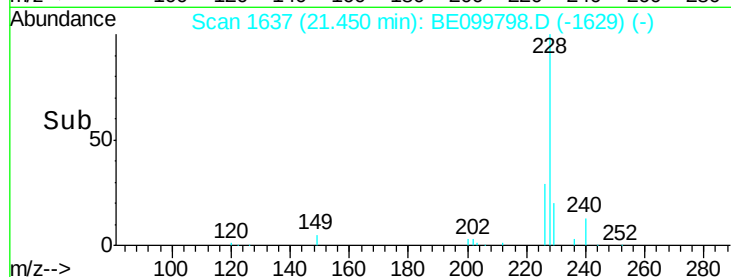
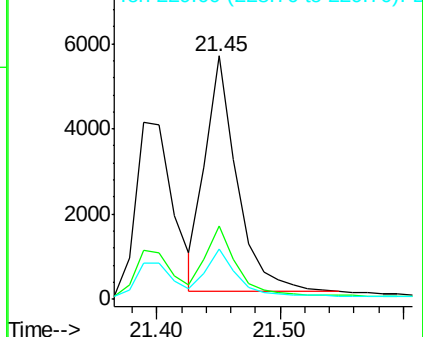
229 20.9 16.4 24.6



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: 0.182 ng

RT: 21.30 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE099798.D

Acq: 5 Jun 2019 9:49

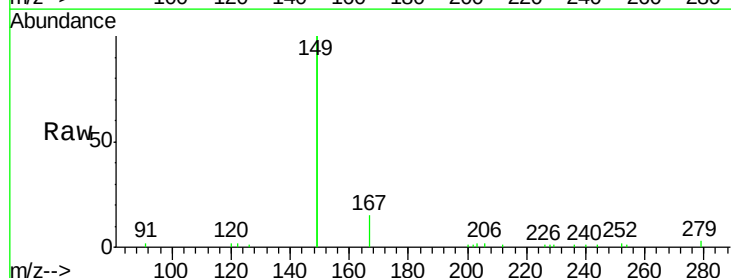
Tgt Ion:149 Resp: 9815

Ion Ratio Lower Upper

149 100

167 7.3 6.0 9.0

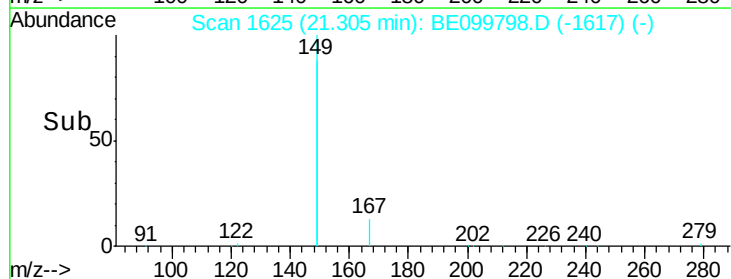
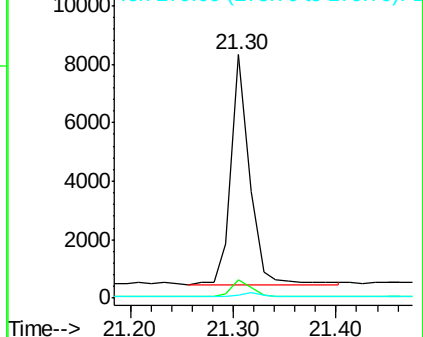
279 1.6 1.2 1.8

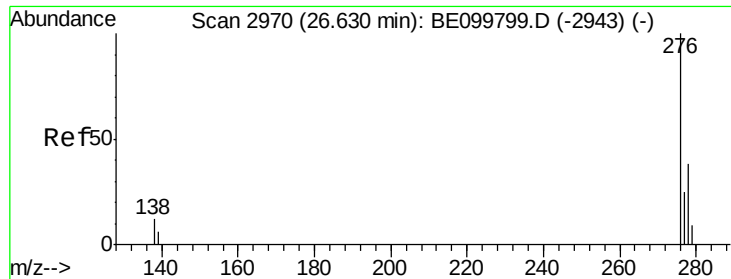


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

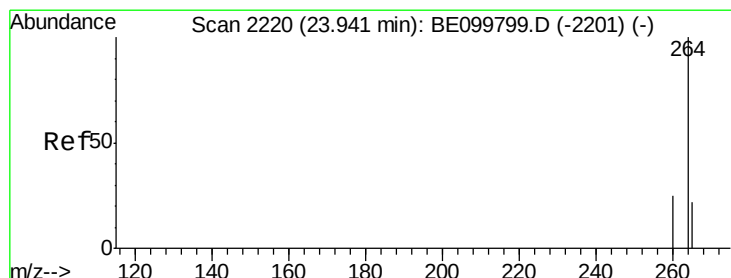
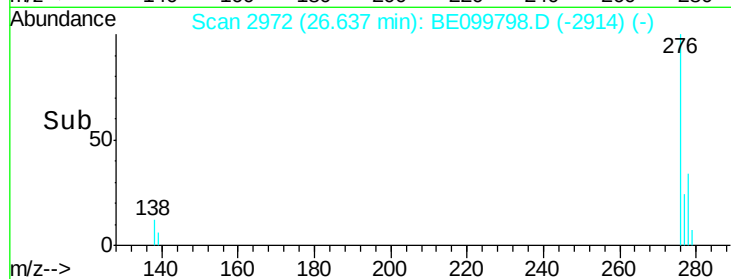
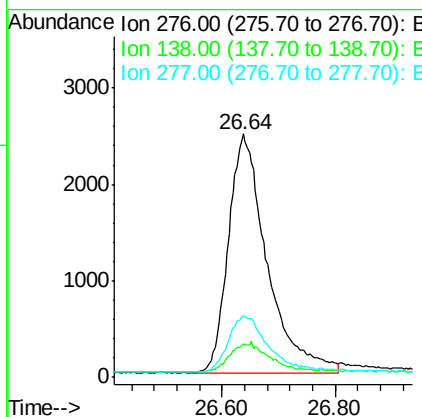
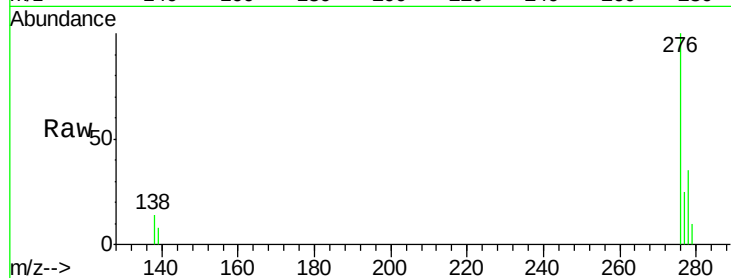




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.193 ng
 RT: 26.64 min Scan# 2972
 Delta R.T. 0.01 min
 Lab File: BE099798.D
 Acq: 5 Jun 2019 9:49

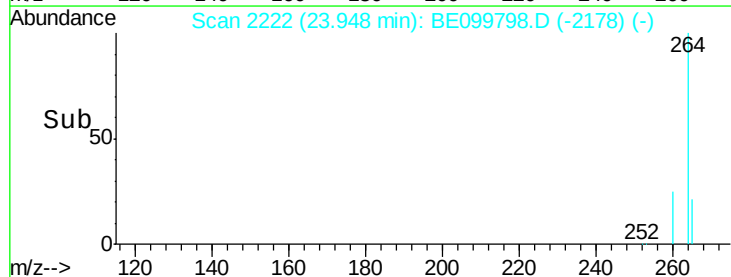
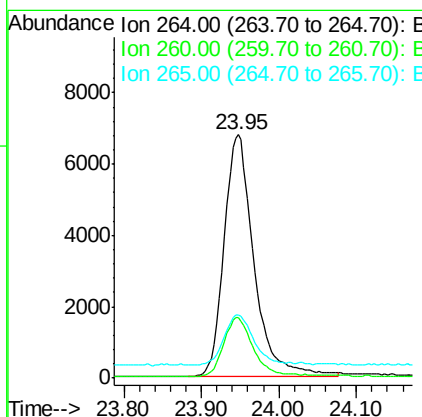
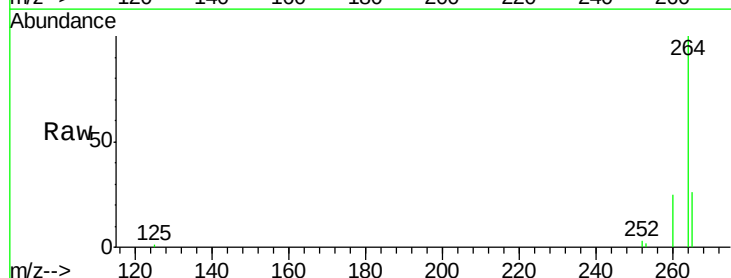
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

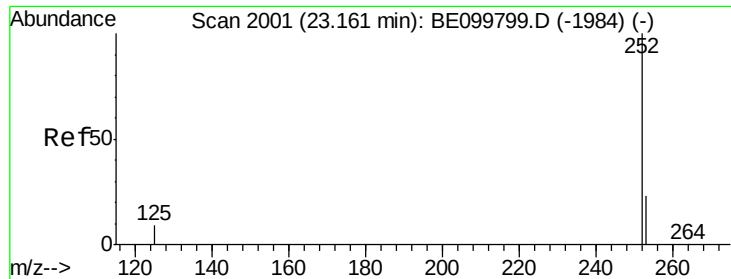
Tot Ion:276 Resp: 11685
 Ion Ratio Lower Upper
 276 100
 138 5.2 10.3 15.5#
 277 23.8 19.4 29.2



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.95 min Scan# 2222
 Delta R.T. 0.01 min
 Lab File: BE099798.D
 Acq: 5 Jun 2019 9:49

Tgt Ion:264 Resp: 18095
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.0 30.0
 265 25.9 20.7 31.1

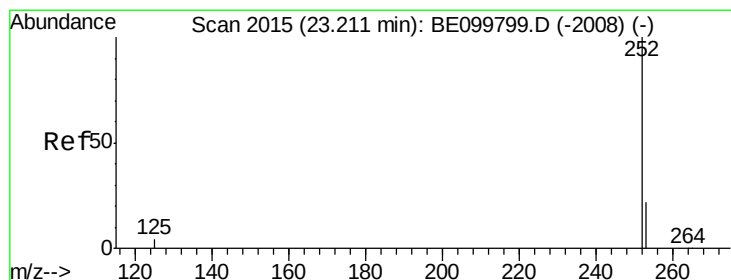
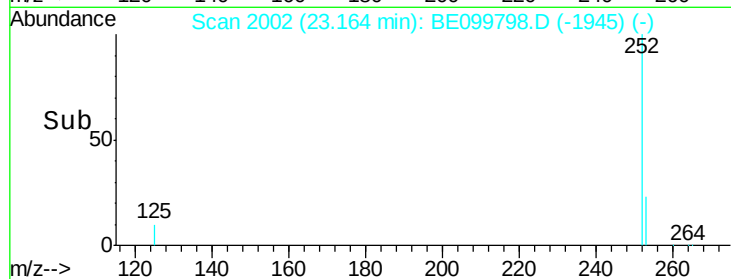
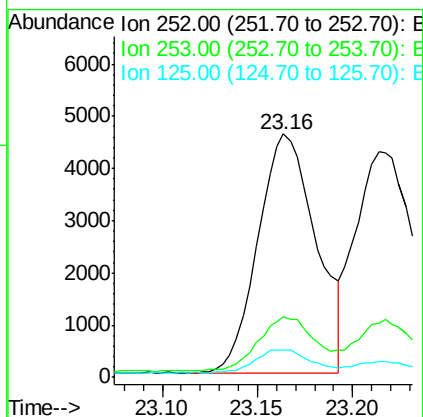
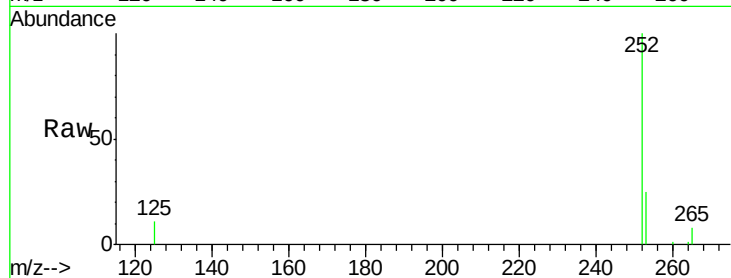




#35
Benzo(b)fluoranthene
Concen: 0.196 ng
RT: 23.16 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

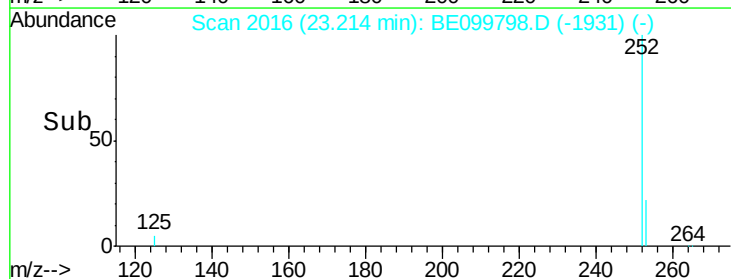
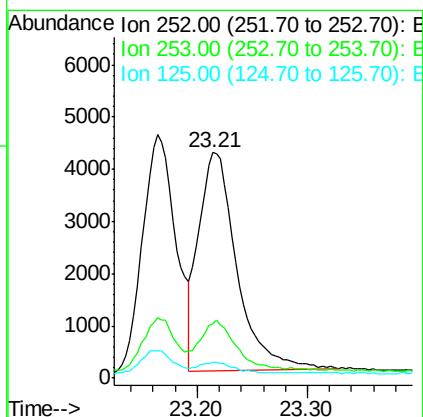
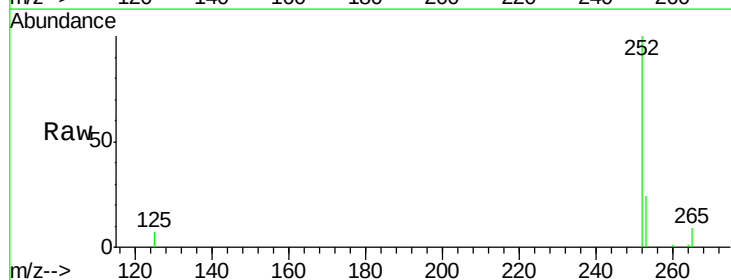
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

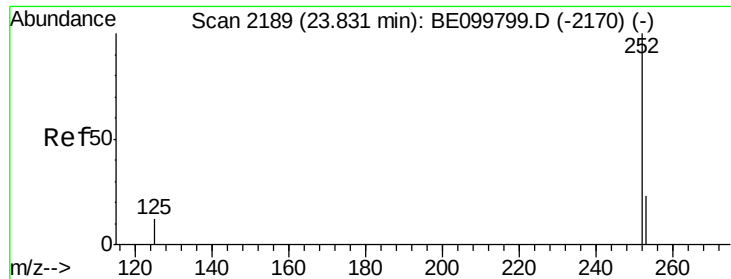
Tot Ion:252 Resp: 9706
Ion Ratio Lower Upper
252 100
253 25.0 18.9 28.3
125 11.5 7.6 11.4#



#36
Benzo(k)fluoranthene
Concen: 0.196 ng
RT: 23.21 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BE099798.D
Acq: 5 Jun 2019 9:49

Tgt Ion:252 Resp: 10120
Ion Ratio Lower Upper
252 100
253 24.3 18.4 27.6
125 7.1 4.6 7.0#





#37

Benzo(a)pyrene

Concen: 0.195 ng

RT: 23.83 min Scan# 2190

Delta R.T. 0.00 min

Lab File: BE099798.D

Acq: 5 Jun 2019 9:49

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

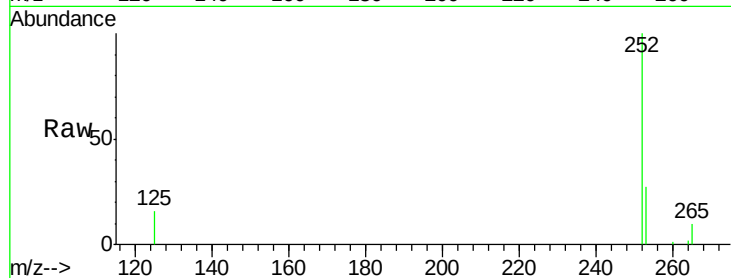
Tot Ion:252 Resp: 9293

Ion Ratio Lower Upper

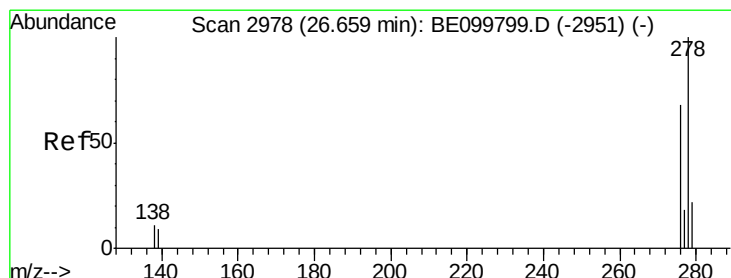
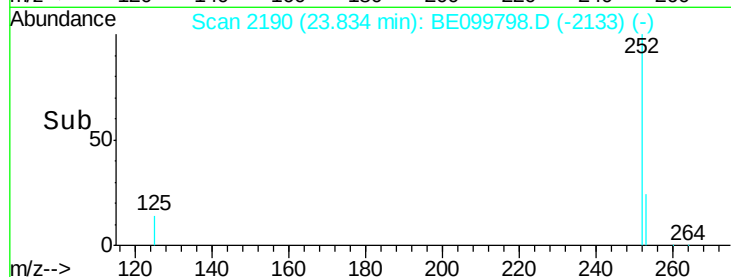
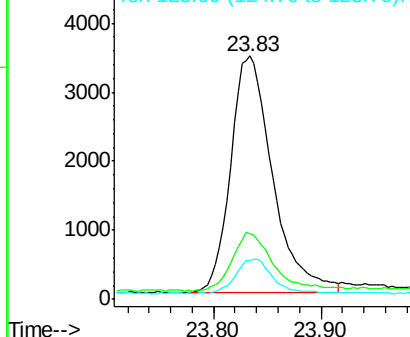
252 100

253 27.0 19.3 28.9

125 16.1 10.2 15.4#



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: 0.183 ng

RT: 26.67 min Scan# 2981

Delta R.T. 0.01 min

Lab File: BE099798.D

Acq: 5 Jun 2019 9:49

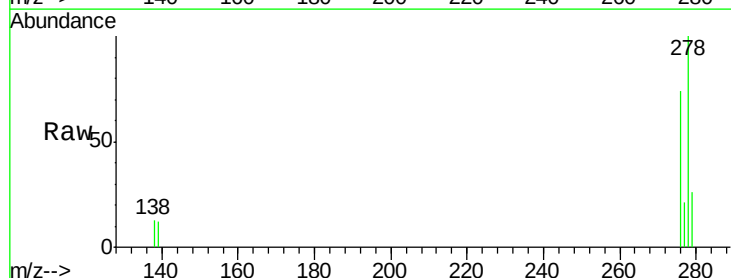
Tgt Ion:278 Resp: 9147

Ion Ratio Lower Upper

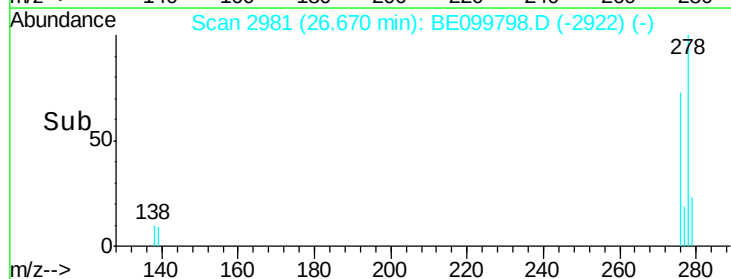
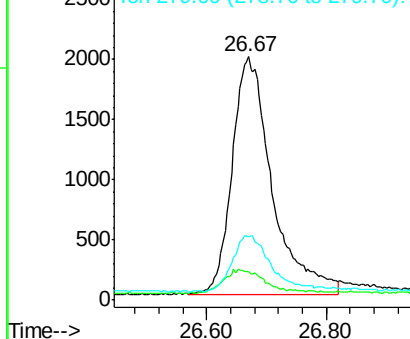
278 100

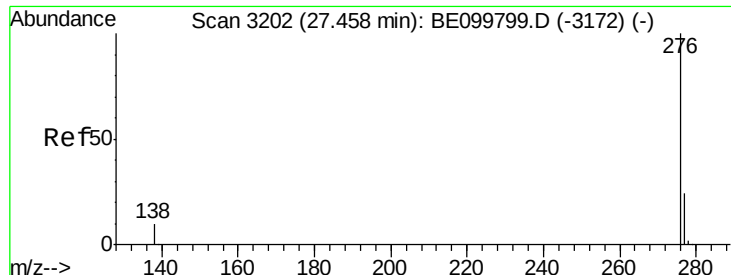
139 11.6 7.9 11.9

279 26.2 18.5 27.7



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: 0.195 ng

RT: 27.46 min Scan# 3204

Delta R.T. 0.01 min

Lab File: BE099798.D

Acq: 5 Jun 2019 9:49

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

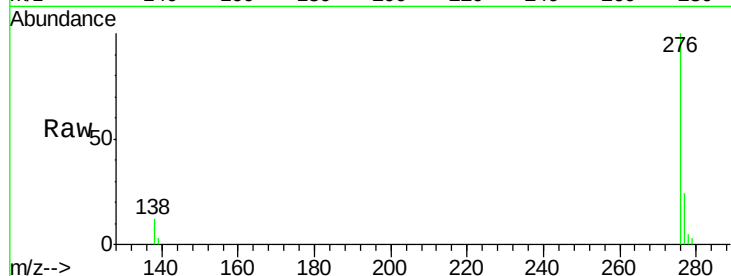
Tot Ion: 276 Resp: 9869

Ion Ratio Lower Upper

276 100

277 24.5 19.6 29.4

138 11.9 9.0 13.4



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

