

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060519\
 Data File : BE099804.D
 Acq On : 5 Jun 2019 13:39
 Operator : JU/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Jun 17 08:39:21 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 14:35:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	909	0.40	ng	0.01
7) Naphthalene-d8	10.63	136	3326	0.40	ng	0.01
13) Acenaphthene-d10	14.50	164	2481	0.40	ng	0.03
19) Phenanthrene-d10	17.24	188	8211	0.40	ng	0.01
27) Chrysene-d12	21.41	240	15321	0.40	ng	0.00
34) Perylene-d12	23.96	264	17297	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	200	0.09	ng	0.01
5) Phenol-d6	6.99	99	220	0.08	ng	0.02
8) Nitrobenzene-d5	9.00	82	196	0.07	ng	0.04
11) 2-Methylnaphthalene-d10	12.25	152	536	0.09	ng	0.04
14) 2,4,6-Tribromophenol	16.01	330	96	0.19	ng	0.03
15) 2-Fluorobiphenyl	13.13	172	858	0.09	ng	0.03
25) Fluoranthene-d10	19.27	212	12018	0.10	ng	0.01
29) Terphenyl-d14	19.87	244	2165	0.09	ng	0.02

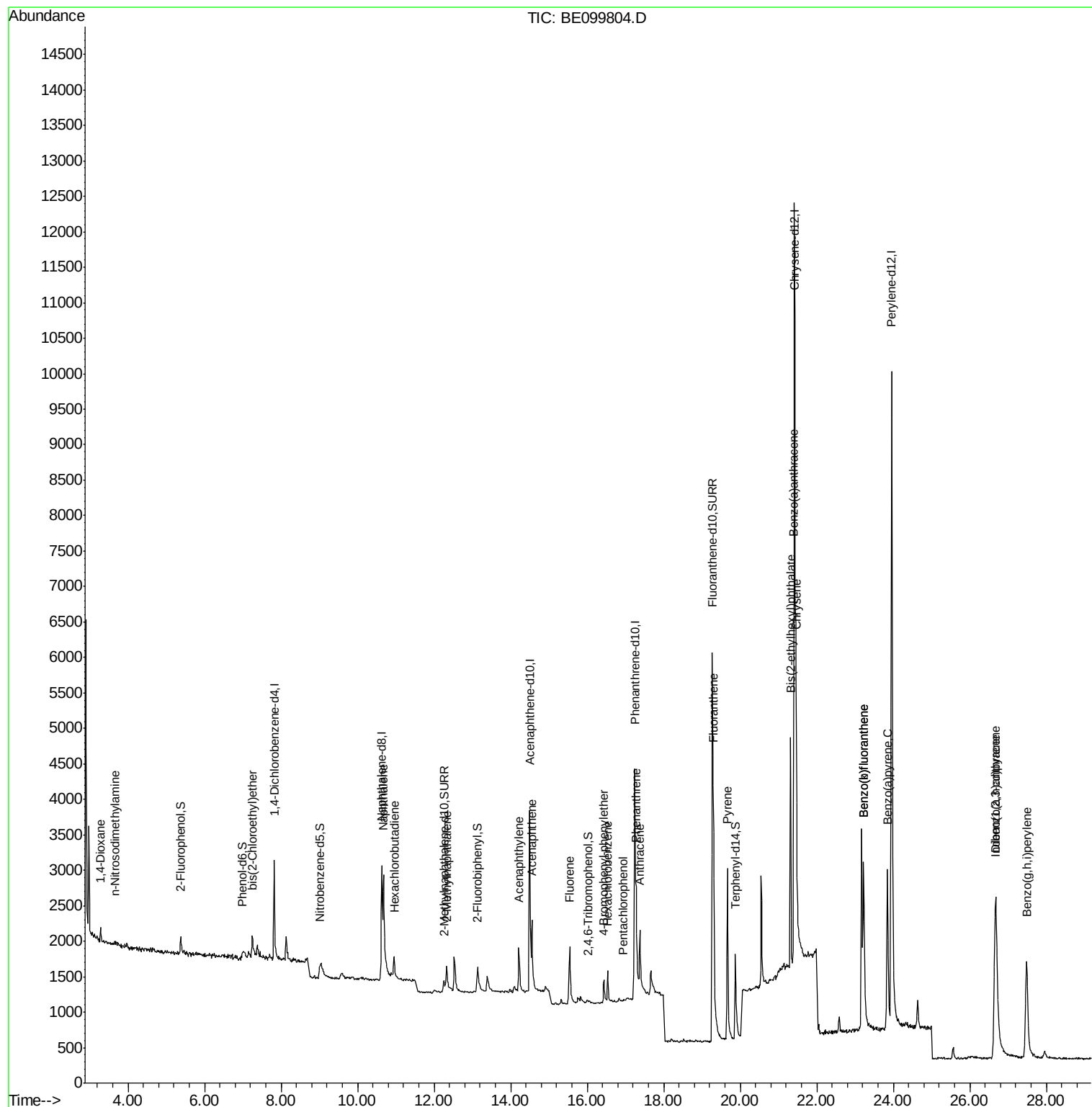
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	146	0.111	ng	100
3) n-Nitrosodimethylamine	3.65	42	23	0.033	ng	# 1
6) bis(2-Chloroethyl)ether	7.24	93	193	0.077	ng	88
9) Naphthalene	10.68	128	3370	0.095	ng	# 91
10) Hexachlorobutadiene	10.95	225	270	0.100	ng	95
12) 2-Methylnaphthalene	12.32	142	424	0.075	ng	# 86
16) Acenaphthylene	14.21	152	1124	0.094	ng	99
17) Acenaphthene	14.56	154	581	0.089	ng	93
18) Fluorene	15.54	166	889	0.092	ng	# 98
20) 4-Bromophenyl-phenylether	16.44	248	388	0.085	ng	96
21) Hexachlorobenzene	16.53	284	481	0.096	ng	97
22) Pentachlorophenol	16.93	266	6	0.283	ng	# 82
23) Phenanthrene	17.28	178	1723	0.088	ng	99
24) Anthracene	17.37	178	1159	0.065	ng	# 95
26) Fluoranthene	19.30	202	3294	0.096	ng	98
28) Pyrene	19.66	202	3449	0.093	ng	99
30) Benzo(a)anthracene	21.40	228	3554	0.084	ng	98
31) Chrysene	21.46	228	4431	0.095	ng	96
32) Bis(2-ethylhexyl)phthalate	21.32	149	4853	0.100	ng	99
33) Indeno(1,2,3-cd)pyrene	26.66	276	5292	0.094	ng	# 95
35) Benzo(b)fluoranthene	23.23	252	4700	0.098	ng	95
36) Benzo(k)fluoranthene	23.23	252	4700	0.092	ng	# 93
37) Benzo(a)pyrene	23.84	252	4279	0.092	ng	# 80
38) Dibenzo(a,h)anthracene	26.68	278	4062	0.086	ng	# 82
39) Benzo(g,h,i)perylene	27.48	276	4665	0.094	ng	# 92

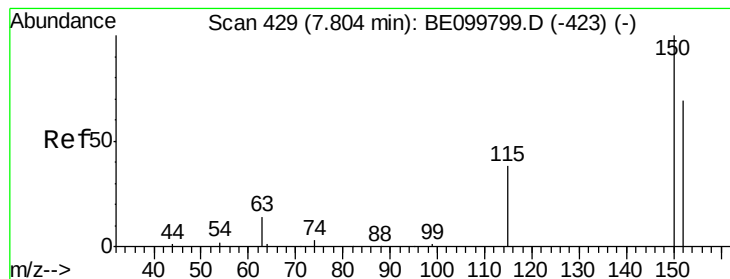
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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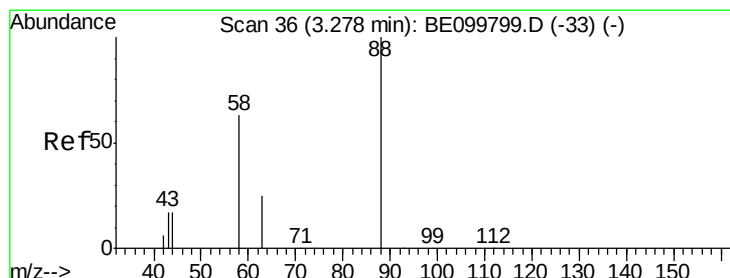
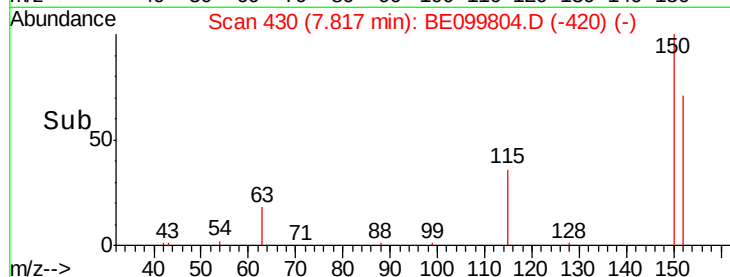
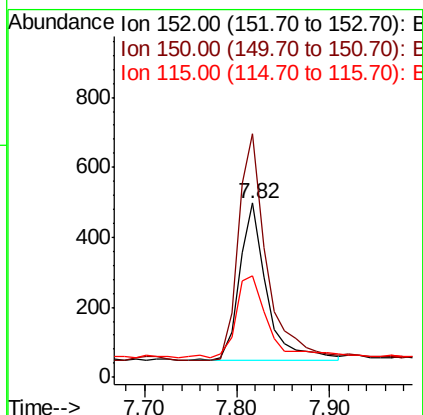
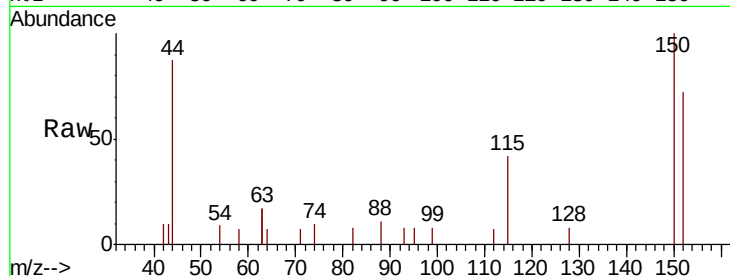


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.82 min Scan# 430
 Delta R.T. 0.01 min
 Lab File: BE099804.D
 Acq: 5 Jun 2019 13:39

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

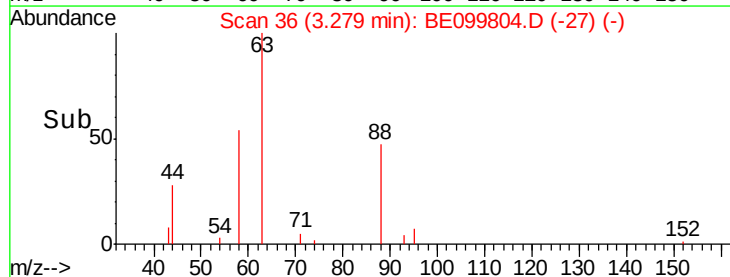
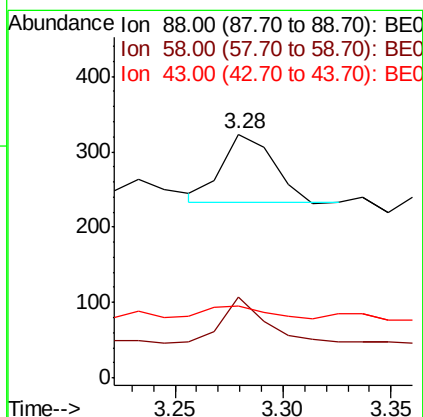
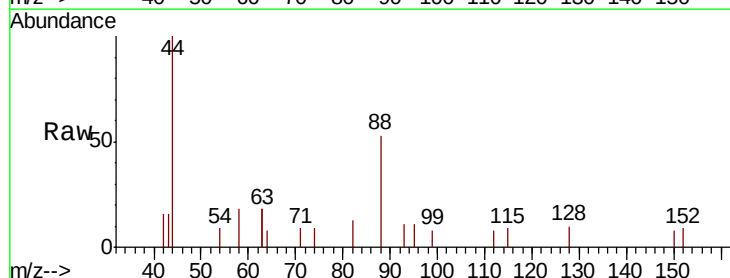
Tot Ion:152 Resp: 909
 Ion Ratio Lower Upper
 152 100
 150 139.8 112.8 169.2
 115 58.4 47.6 71.4

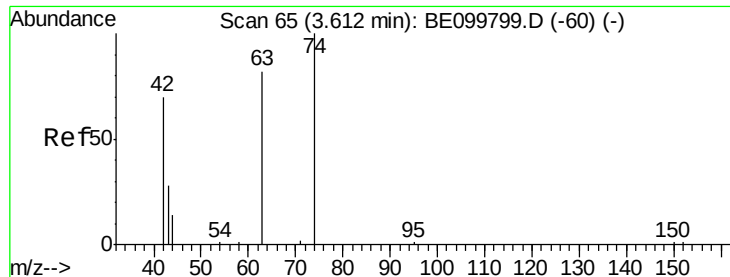


#2

1,4-Dioxane
 Concen: 0.111 ng
 RT: 3.28 min Scan# 36
 Delta R.T. 0.00 min
 Lab File: BE099804.D
 Acq: 5 Jun 2019 13:39

Tgt Ion: 88 Resp: 146
 Ion Ratio Lower Upper
 88 100
 58 58.9 47.3 70.9
 43 22.6 18.2 27.4





#3

n-Nitrosodimethylamine

Concen: 0.033 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.04 min

Lab File: BE099804.D

Acq: 5 Jun 2019 13:39

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

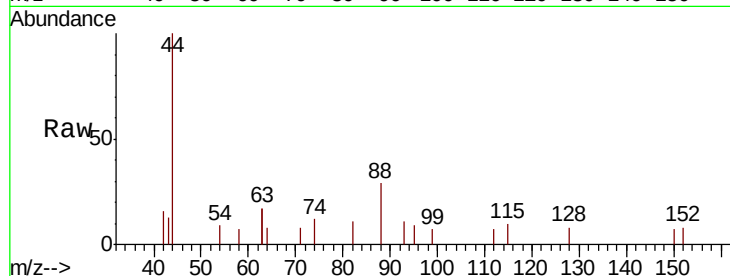
Tot Ion: 42 Resp: 23

Ion Ratio Lower Upper

42 100

74 317.4 132.6 198.8#

44 721.7 13.4 20.0#



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

800

600

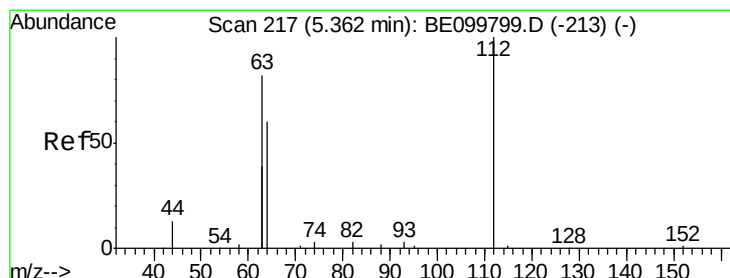
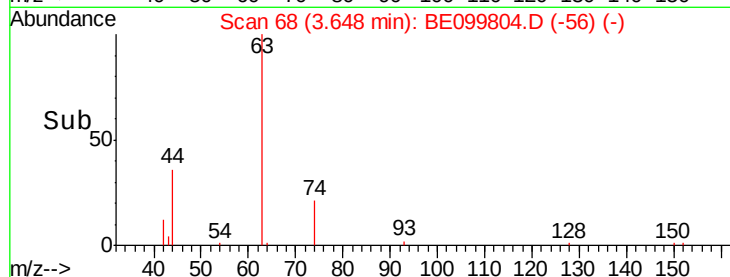
400

200

0

3.60 3.65

Time-->



#4

2-Fluorophenol

Concen: 0.090 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.01 min

Lab File: BE099804.D

Acq: 5 Jun 2019 13:39

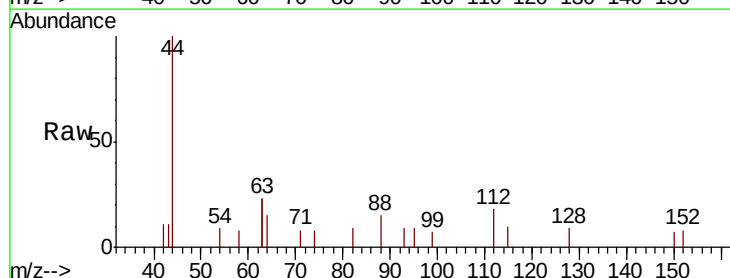
Tgt Ion: 112 Resp: 200

Ion Ratio Lower Upper

112 100

64 67.0 47.2 70.8

63 88.0 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

400

300

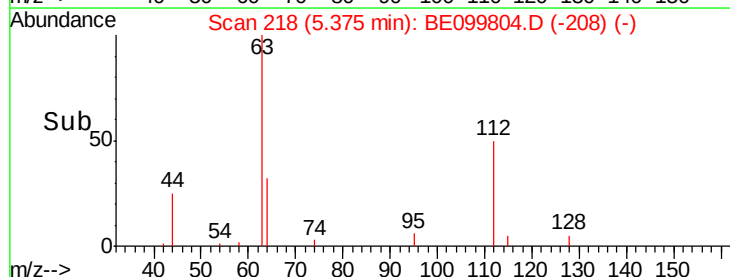
200

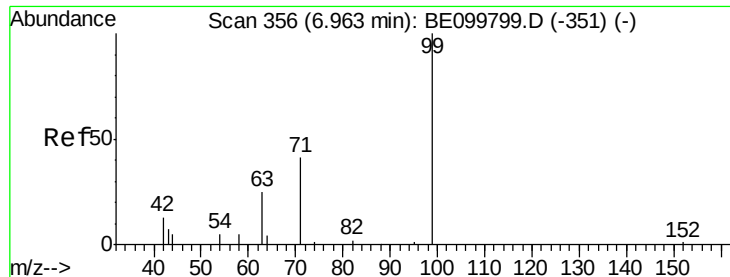
100

0

5.30 5.40 5.50

Time-->





#5

Phenol-d6

Concen: 0.077 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.02 min

Lab File: BE099804.D

Acq: 5 Jun 2019 13:39

Instrument :

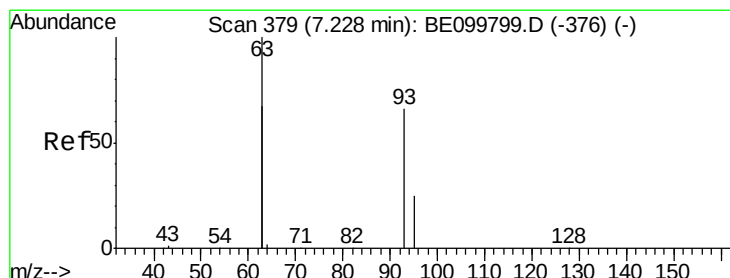
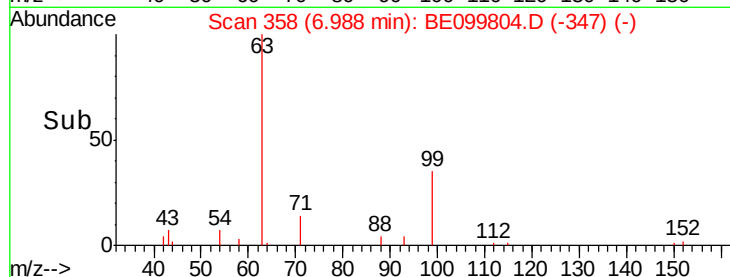
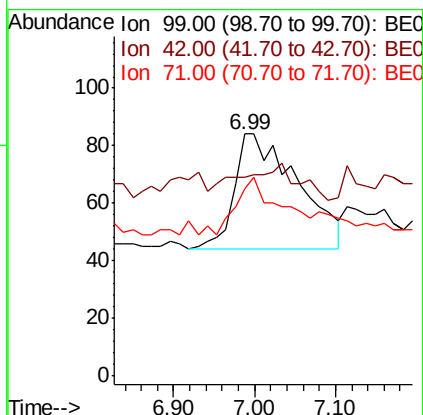
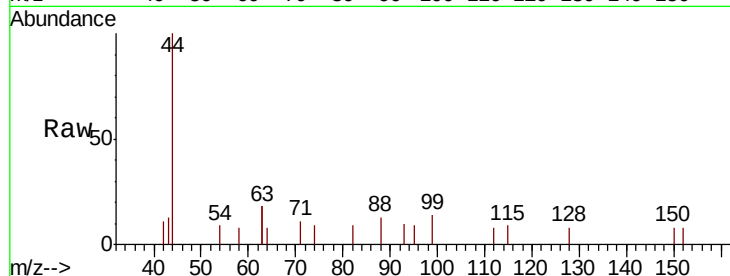
BNA_E

ClientSampleId :

SSTDIC0.1

Tot Ion: 99 Resp: 220

Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.0	16.4#
71	34.1	26.1	39.1



#6

bis(2-Chloroethyl)ether

Concen: 0.077 ng

RT: 7.24 min Scan# 380

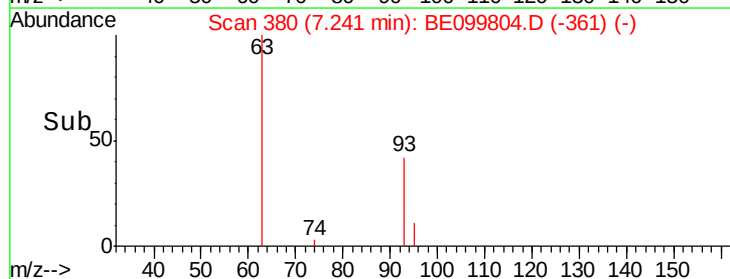
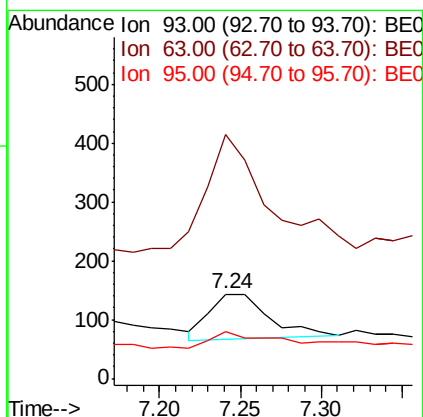
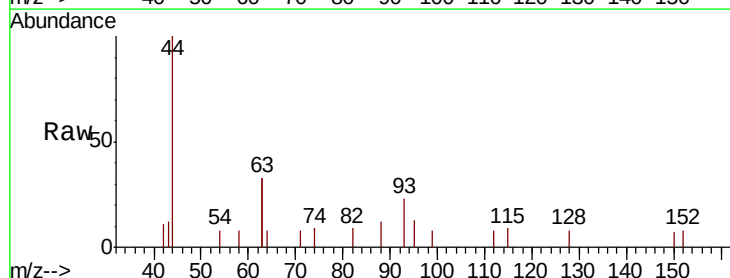
Delta R.T. 0.01 min

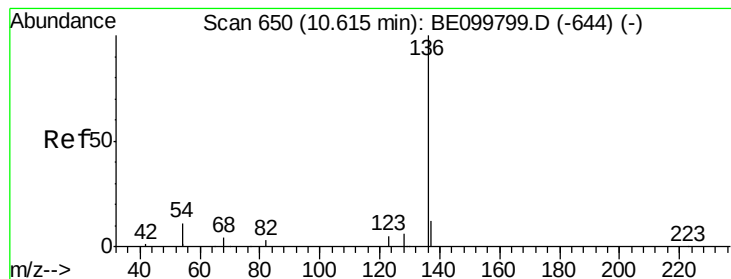
Lab File: BE099804.D

Acq: 5 Jun 2019 13:39

Tgt Ion: 93 Resp: 193

Ion	Ratio	Lower	Upper
93	100		
63	284.5	208.8	313.2
95	38.3	27.6	41.4





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.01 min

Lab File: BE099804.D

Acq: 5 Jun 2019 13:39

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

Tot Ion:136 Resp: 3326

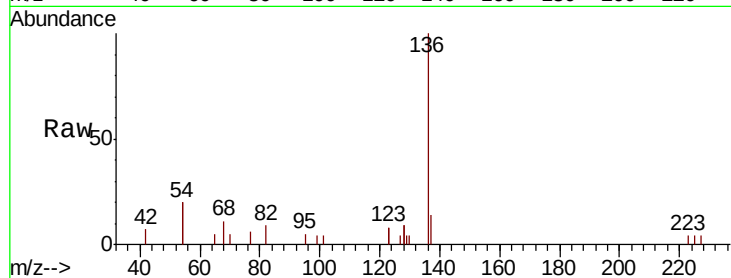
Ion Ratio Lower Upper

136 100

137 14.3 11.1 16.7

54 39.2 17.9 26.9#

68 10.6 5.4 8.0#

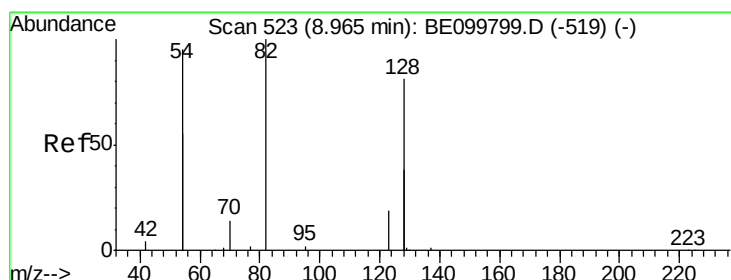
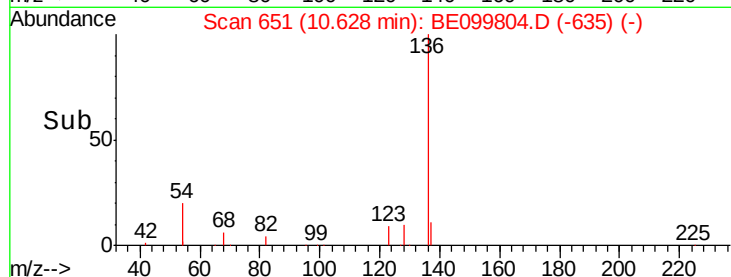
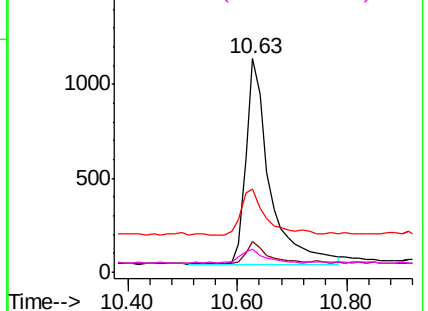


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.067 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE099804.D

Acq: 5 Jun 2019 13:39

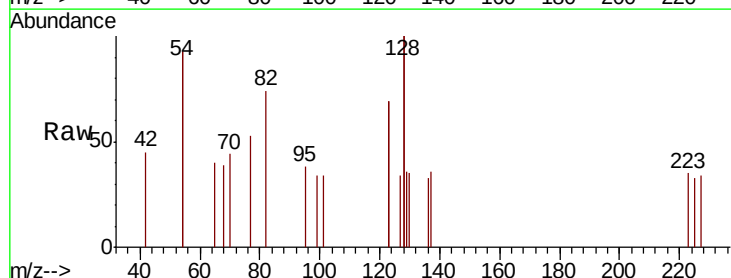
Tgt Ion: 82 Resp: 196

Ion Ratio Lower Upper

82 100

128 271.3 116.6 175.0#

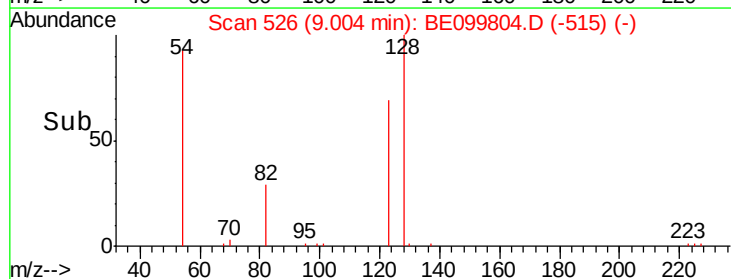
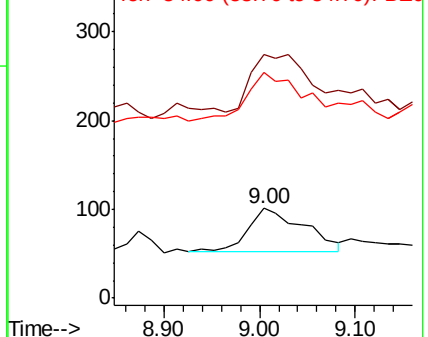
54 251.5 136.2 204.4#

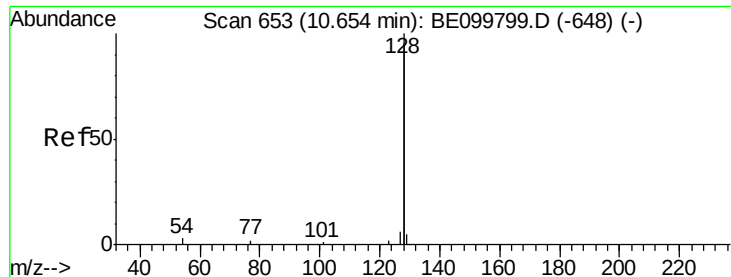


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.095 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.03 min

Lab File: BE099804.D

Acq: 5 Jun 2019 13:39

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

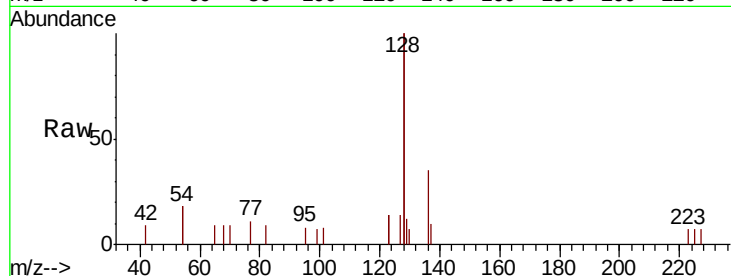
Tot Ion:128 Resp: 3370

Ion Ratio Lower Upper

128 100

129 6.2 2.6 4.0#

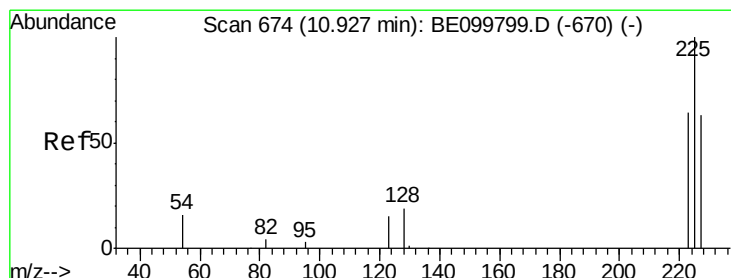
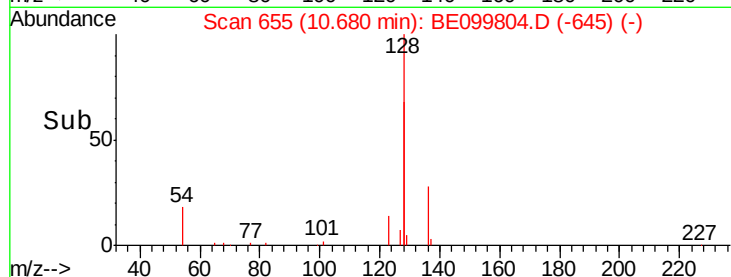
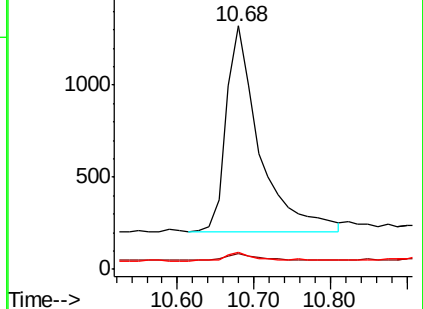
127 6.8 3.0 4.6#



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: 0.100 ng

RT: 10.95 min Scan# 676

Delta R.T. 0.03 min

Lab File: BE099804.D

Acq: 5 Jun 2019 13:39

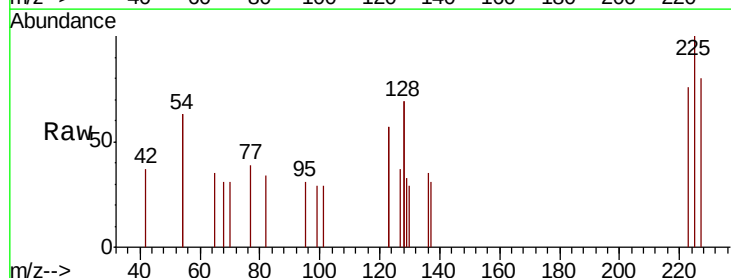
Tgt Ion:225 Resp: 270

Ion Ratio Lower Upper

225 100

223 64.1 48.6 72.8

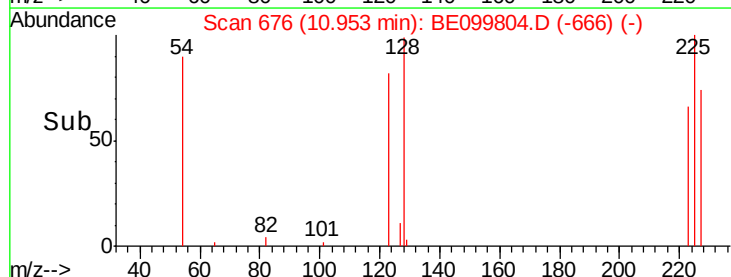
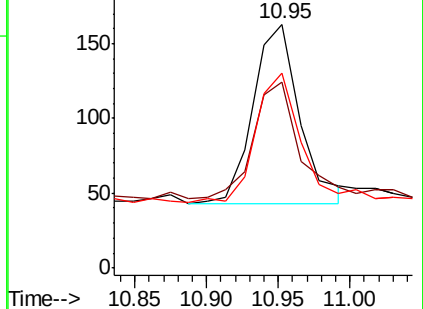
227 68.5 51.6 77.4

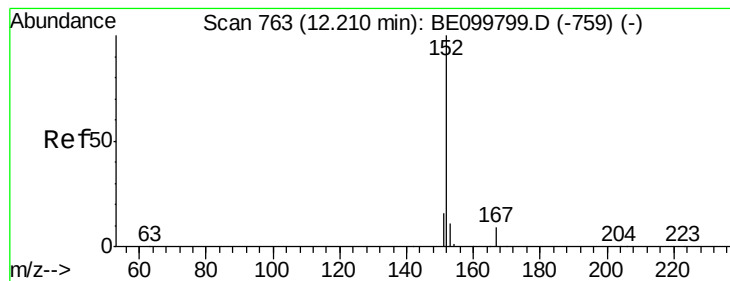


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.094 ng

RT: 12.25 min Scan# 766

Delta R.T. 0.04 min

Lab File: BE099804.D

Acq: 5 Jun 2019 13:39

Instrument :

BNA_E

ClientSampleId :

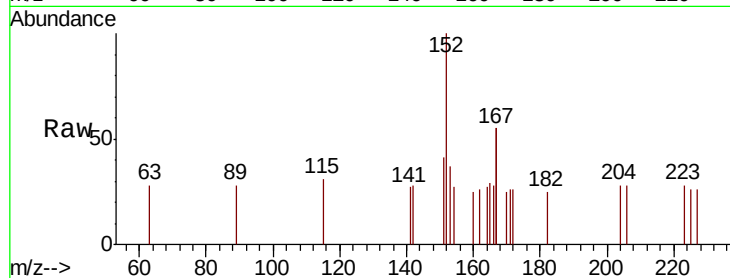
SSTDIC0.1

Tot Ion:152 Resp: 536

Ion Ratio Lower Upper

152 100

151 25.4 15.8 23.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.25

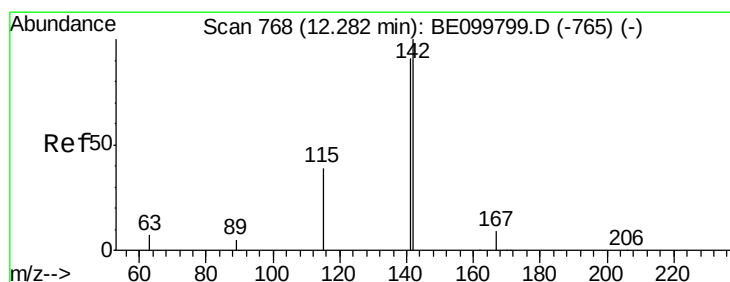
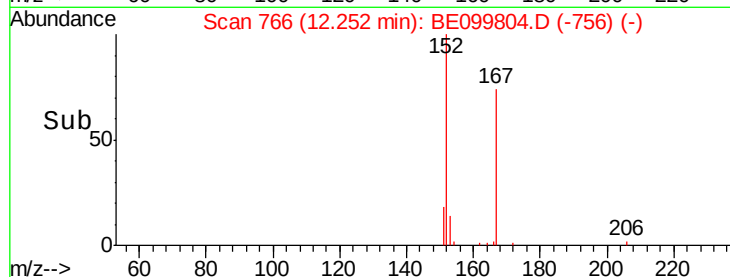
150

100

50

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.075 ng

RT: 12.32 min Scan# 771

Delta R.T. 0.04 min

Lab File: BE099804.D

Acq: 5 Jun 2019 13:39

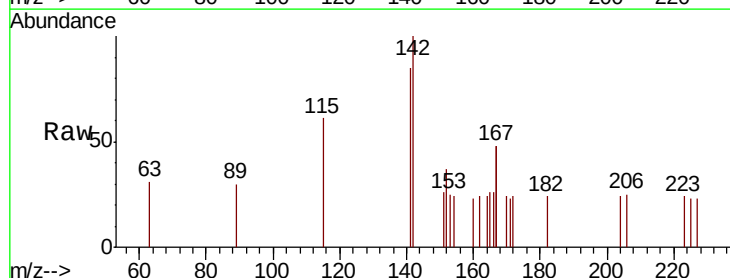
Tgt Ion:142 Resp: 424

Ion Ratio Lower Upper

142 100

141 85.0 73.3 109.9

115 60.6 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

12.32

250

200

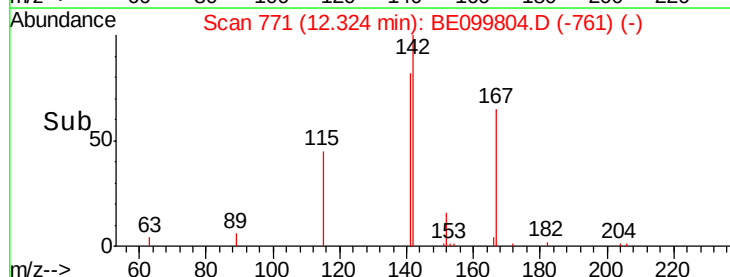
150

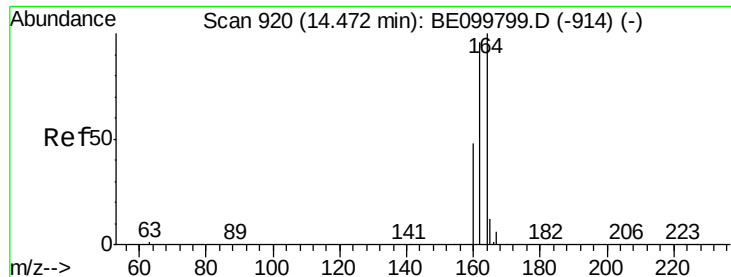
100

50

0

Time-->

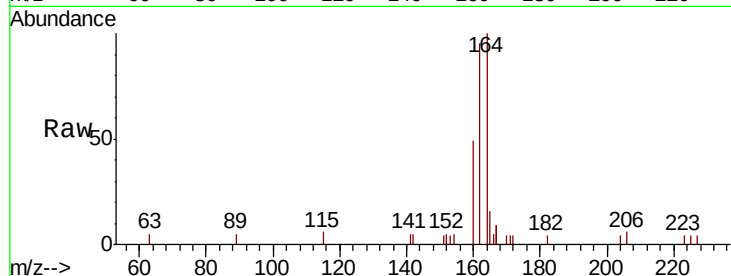




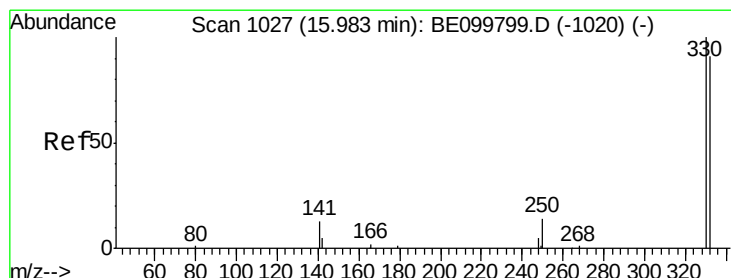
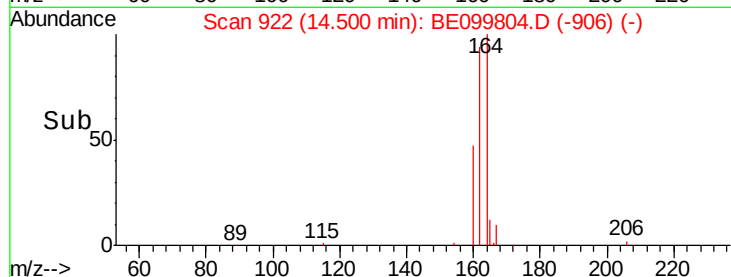
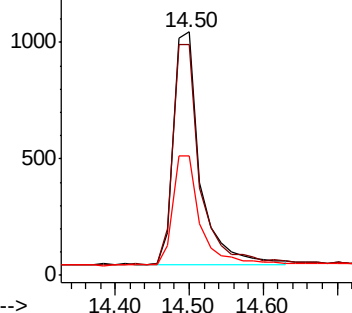
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.03 min
Lab File: BE099804.D
Acq: 5 Jun 2019 13:39

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:164 Resp: 2481
Ion Ratio Lower Upper
164 100
162 94.6 77.2 115.8
160 49.0 39.4 59.2

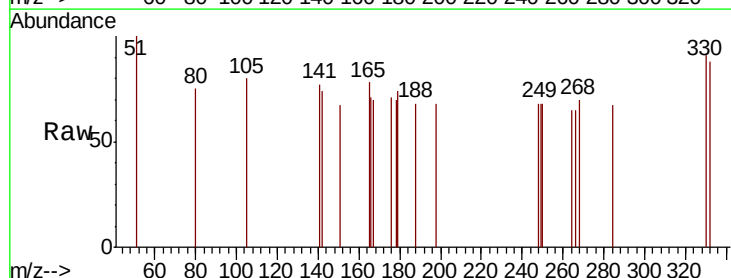


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

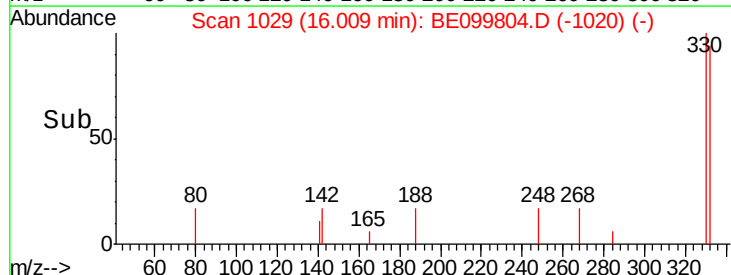
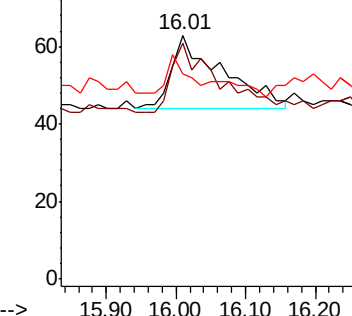


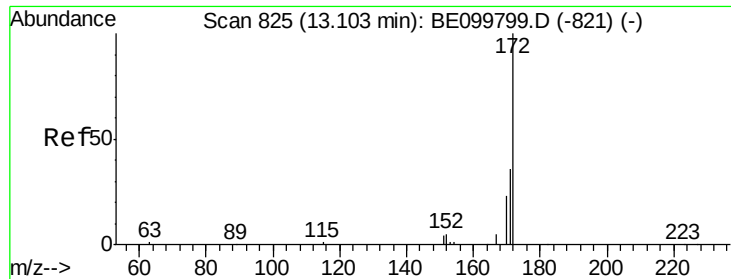
#14
2,4,6-Tribromophenol
Concen: 0.192 ng
RT: 16.01 min Scan# 1029
Delta R.T. 0.03 min
Lab File: BE099804.D
Acq: 5 Jun 2019 13:39

Tgt Ion:330 Resp: 96
Ion Ratio Lower Upper
330 100
332 94.8 74.9 112.3
141 18.8 16.0 24.0



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

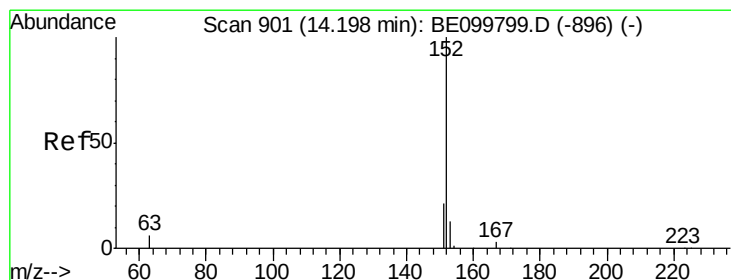
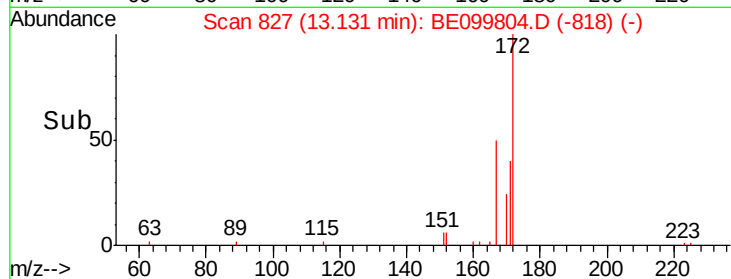
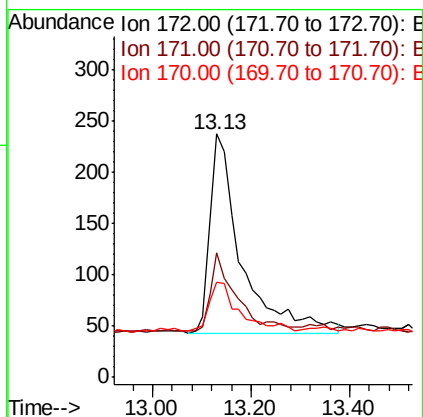
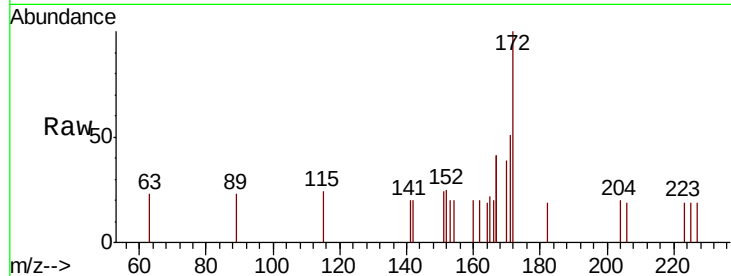




#15
2-Fluorobiphenyl
Concen: 0.093 ng
RT: 13.13 min Scan# 827
Delta R.T. 0.03 min
Lab File: BE099804.D
Acq: 5 Jun 2019 13:39

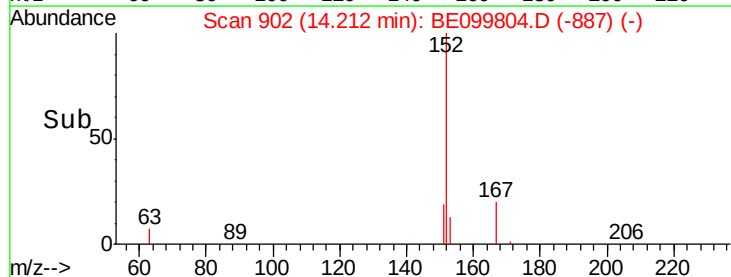
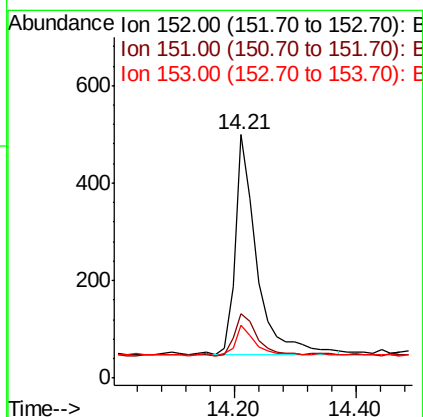
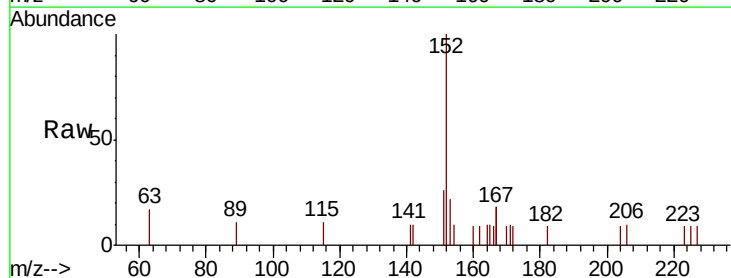
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

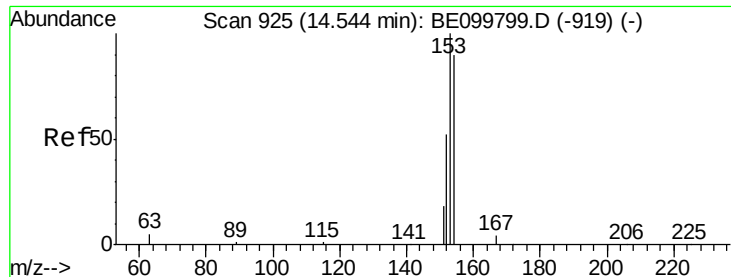
Tot Ion:172 Resp: 858
Ion Ratio Lower Upper
172 100
171 51.5 30.2 45.4#
170 39.2 20.1 30.1#



#16
Acenaphthylene
Concen: 0.094 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.01 min
Lab File: BE099804.D
Acq: 5 Jun 2019 13:39

Tgt Ion:152 Resp: 1124
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 14.1 10.8 16.2

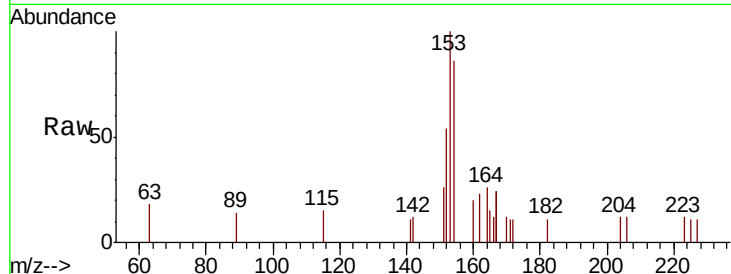




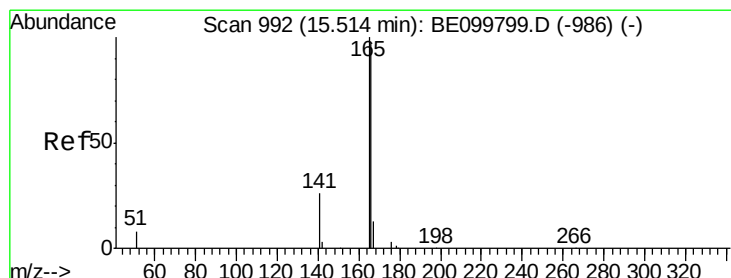
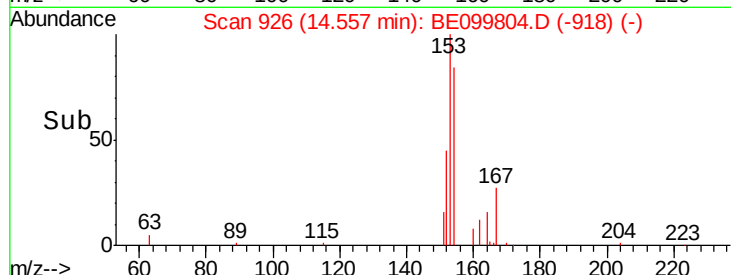
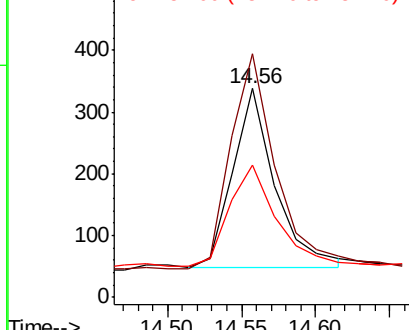
#17
Acenaphthene
Concen: 0.089 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.01 min
Lab File: BE099804.D
Acq: 5 Jun 2019 13:39

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:154 Resp: 581
Ion Ratio Lower Upper
154 100
153 126.7 93.8 140.6
152 63.2 48.3 72.5

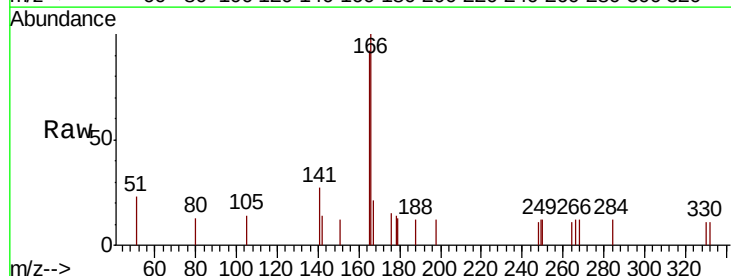


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

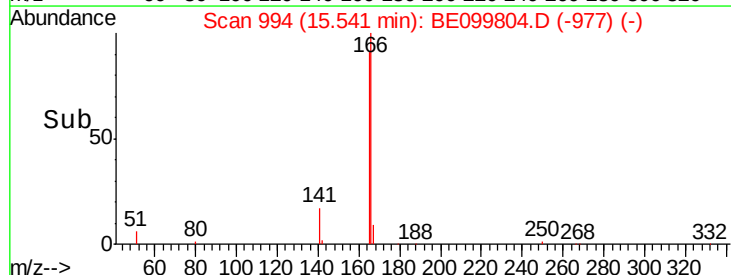
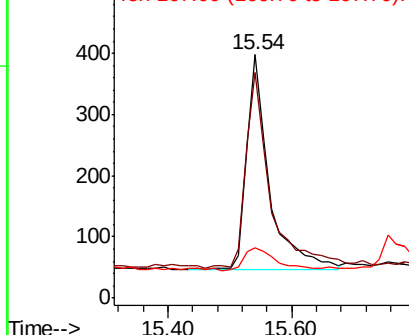


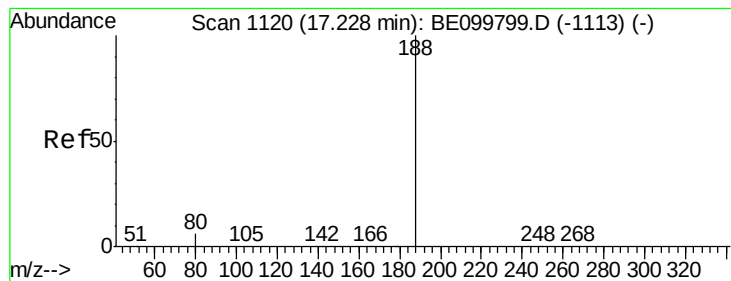
#18
Fluorene
Concen: 0.092 ng
RT: 15.54 min Scan# 994
Delta R.T. 0.03 min
Lab File: BE099804.D
Acq: 5 Jun 2019 13:39

Tgt Ion:166 Resp: 889
Ion Ratio Lower Upper
166 100
165 99.3 80.4 120.6
167 16.2 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: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE099804.D

Acq: 5 Jun 2019 13:39

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

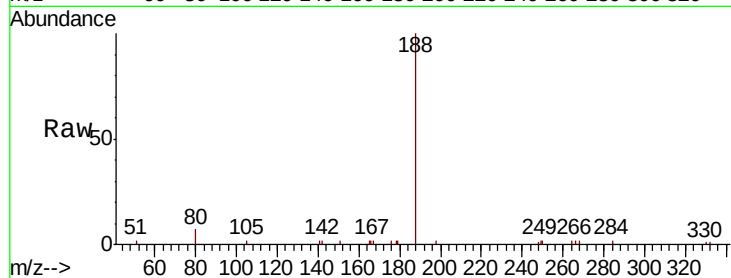
Tot Ion:188 Resp: 8211

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

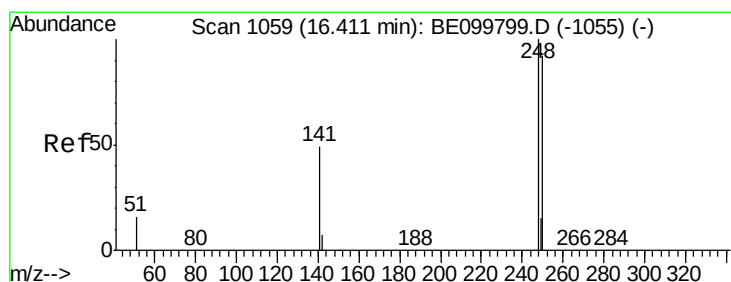
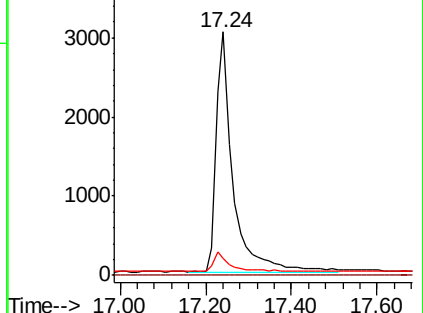
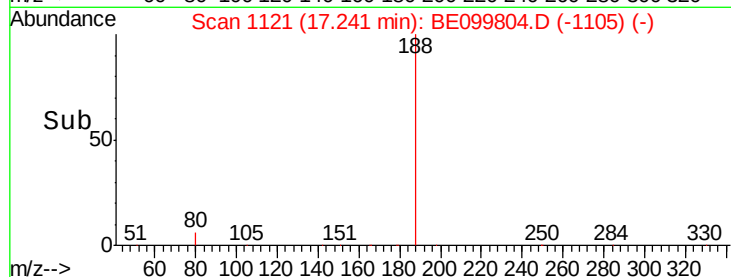
80 7.2 5.2 7.8



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: 0.085 ng

RT: 16.44 min Scan# 1061

Delta R.T. 0.03 min

Lab File: BE099804.D

Acq: 5 Jun 2019 13:39

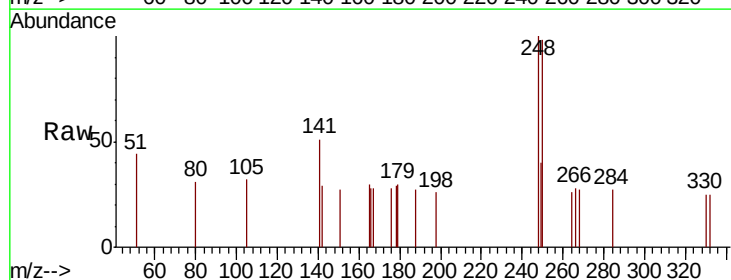
Tgt Ion:248 Resp: 388

Ion Ratio Lower Upper

248 100

250 98.3 73.7 110.5

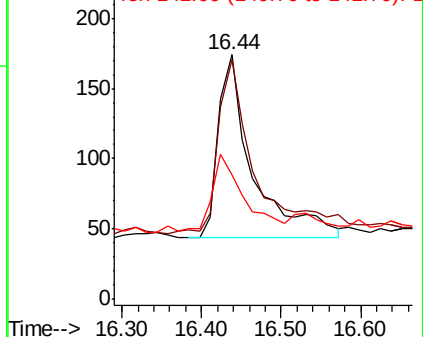
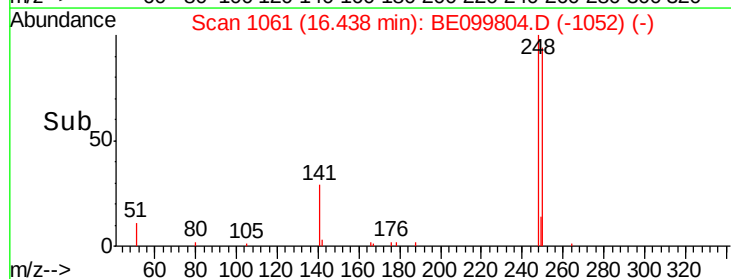
141 50.6 40.9 61.3

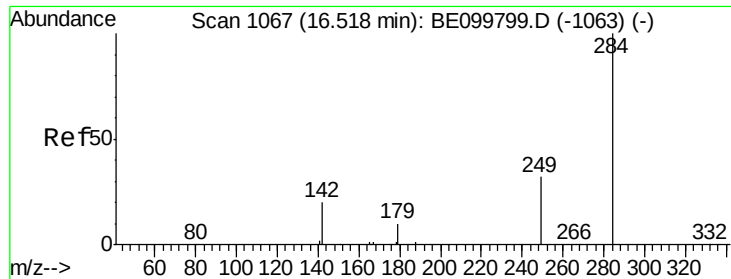


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

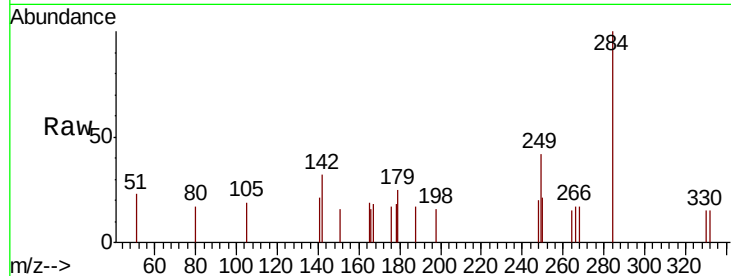




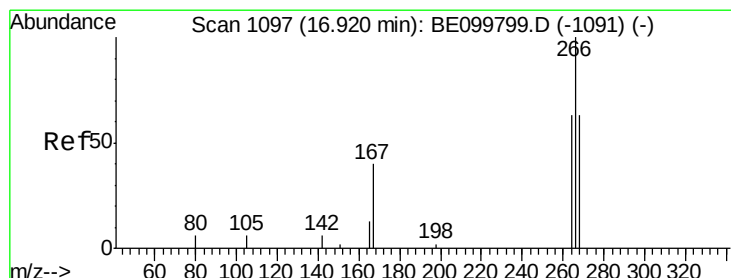
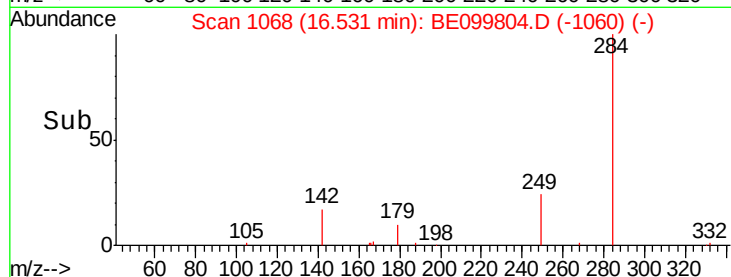
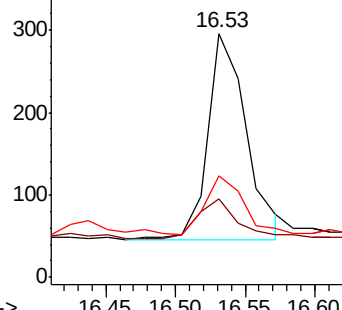
#21
Hexachlorobenzene
Concen: 0.096 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BE099804.D
Acq: 5 Jun 2019 13:39

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:284 Resp: 481
Ion Ratio Lower Upper
284 100
142 19.8 16.2 24.4
249 26.6 23.1 34.7

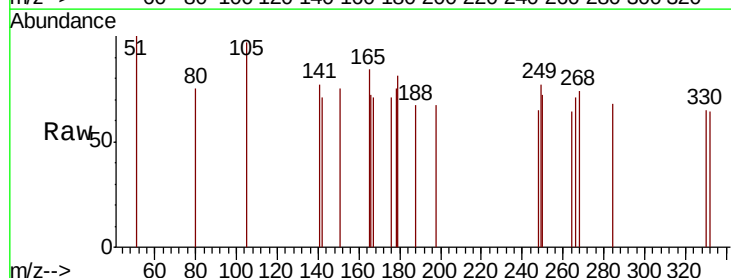


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

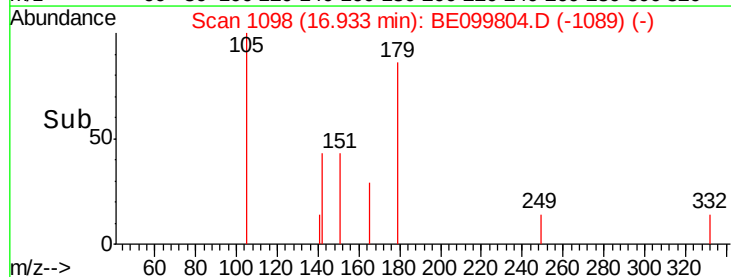
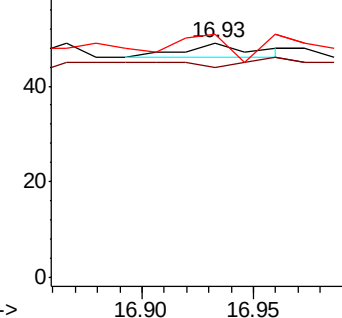


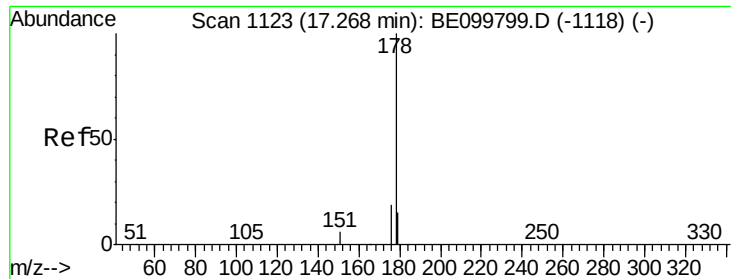
#22
Pentachlorophenol
Concen: 0.283 ng
RT: 16.93 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BE099804.D
Acq: 5 Jun 2019 13:39

Tgt Ion:266 Resp: 6
Ion Ratio Lower Upper
266 100
264 89.8 64.9 97.3
268 104.1 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





#23

Phenanthrene

Concen: 0.088 ng

RT: 17.28 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BE099804.D

Acq: 5 Jun 2019 13:39

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

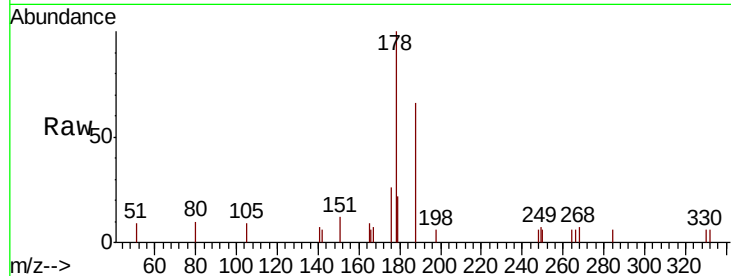
Tot Ion:178 Resp: 1723

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.0

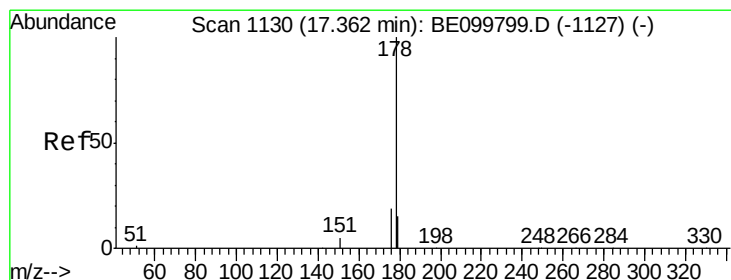
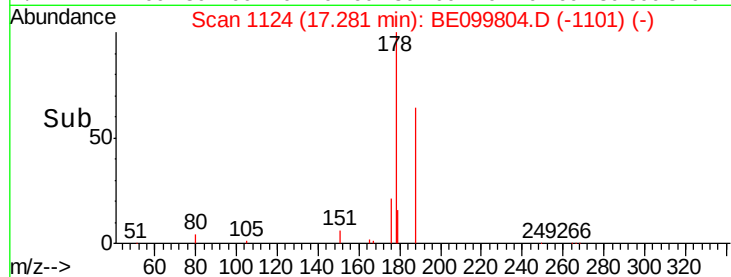
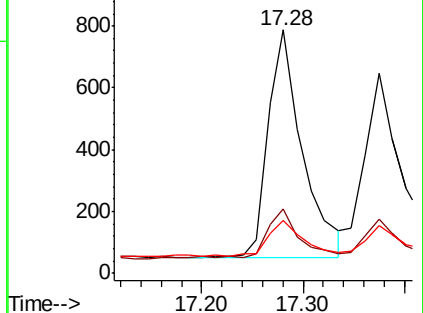
179 16.0 12.5 18.7



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: 0.065 ng

RT: 17.37 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BE099804.D

Acq: 5 Jun 2019 13:39

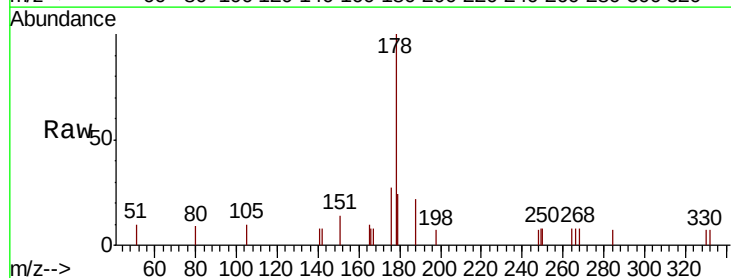
Tgt Ion:178 Resp: 1159

Ion Ratio Lower Upper

178 100

176 20.3 15.1 22.7

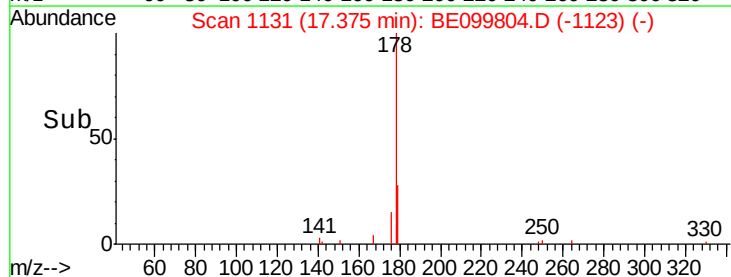
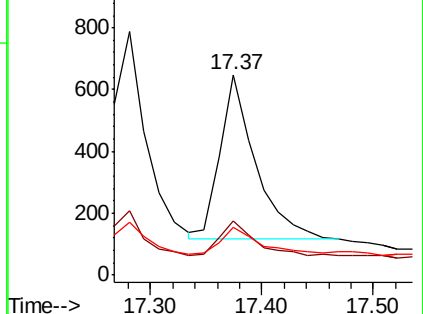
179 18.5 12.1 18.1#

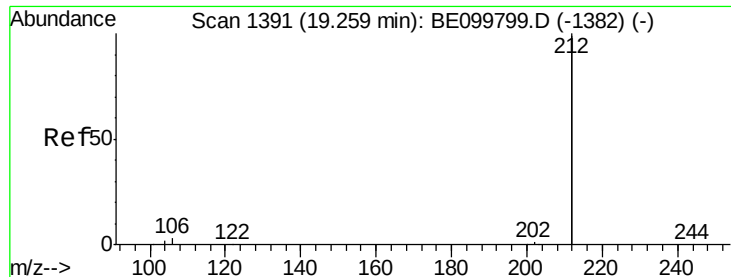


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

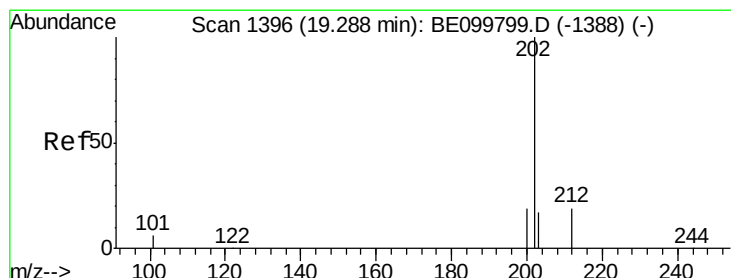
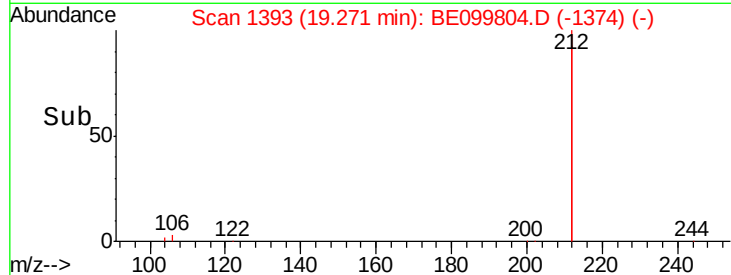
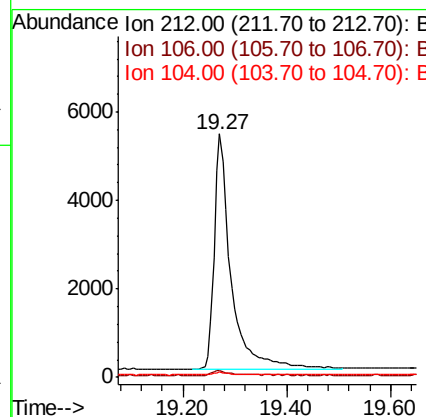
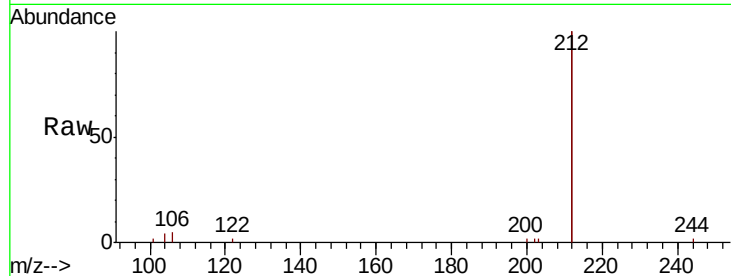




#25
 Fluoranthene-d10
 Concen: 0.098 ng
 RT: 19.27 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BE099804.D
 Acq: 5 Jun 2019 13:39

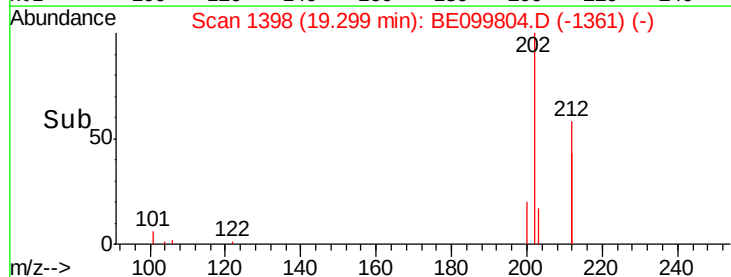
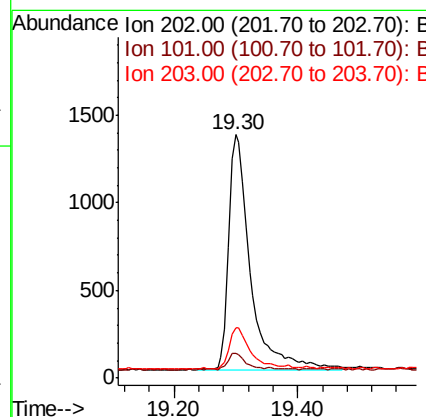
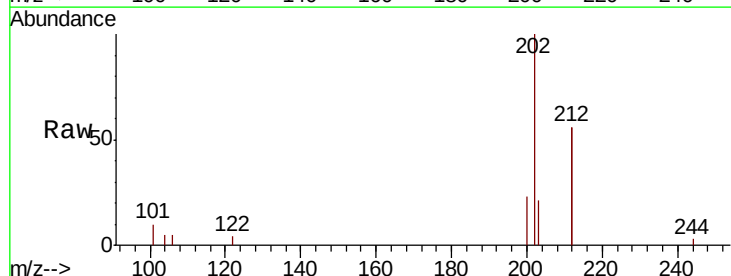
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

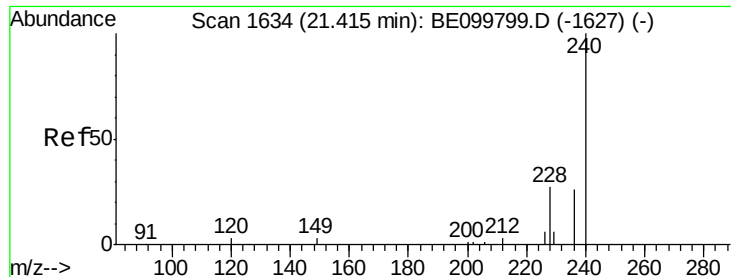
Tot Ion:212 Resp: 12018
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.0
 104 1.0 0.8 1.2



#26
 Fluoranthene
 Concen: 0.096 ng
 RT: 19.30 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: BE099804.D
 Acq: 5 Jun 2019 13:39

Tgt Ion:202 Resp: 3294
 Ion Ratio Lower Upper
 202 100
 101 5.9 5.2 7.8
 203 16.3 13.6 20.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099804.D

Acq: 5 Jun 2019 13:39

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

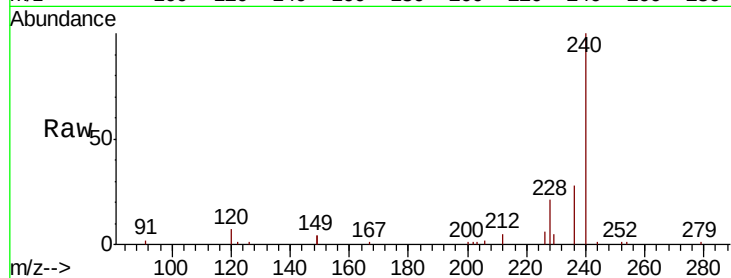
Tot Ion:240 Resp: 15321

Ion Ratio Lower Upper

240 100

120 6.7 2.8 4.2#

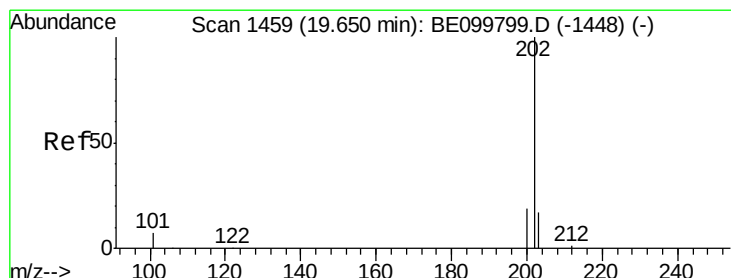
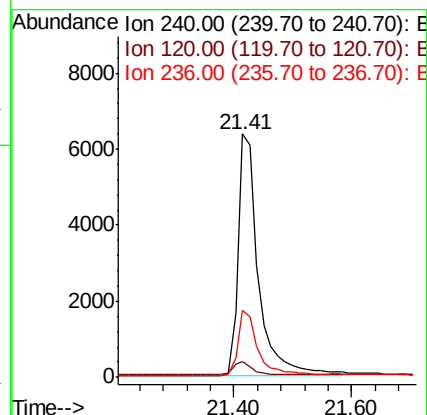
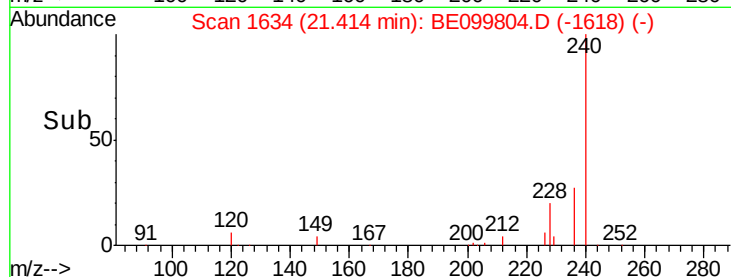
236 27.6 20.9 31.3



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: 0.093 ng

RT: 19.66 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BE099804.D

Acq: 5 Jun 2019 13:39

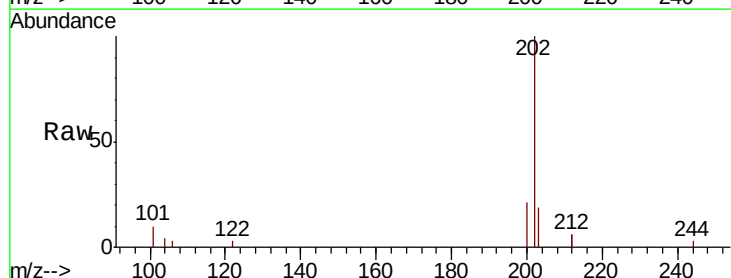
Tgt Ion:202 Resp: 3449

Ion Ratio Lower Upper

202 100

200 19.7 15.6 23.4

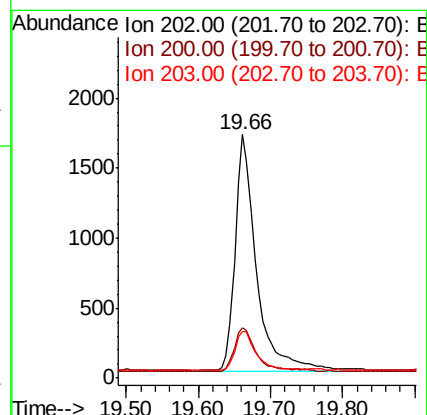
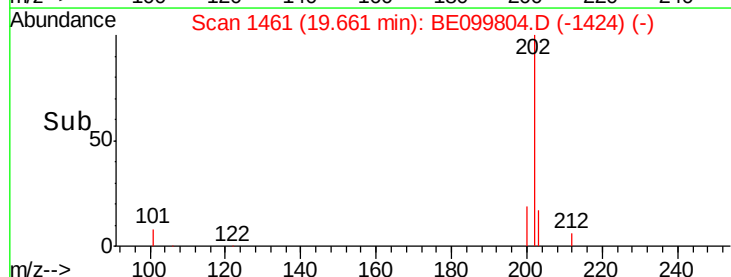
203 16.8 14.1 21.1

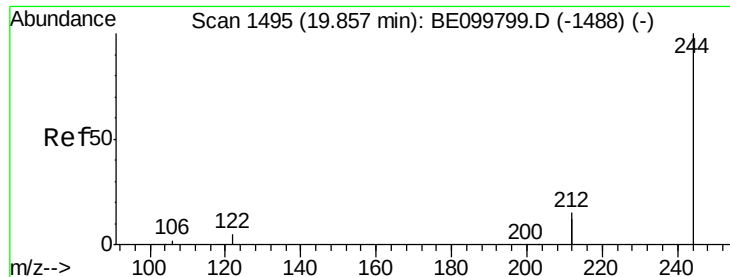


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.086 ng

RT: 19.87 min Scan# 1498

Delta R.T. 0.02 min

Lab File: BE099804.D

Acq: 5 Jun 2019 13:39

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

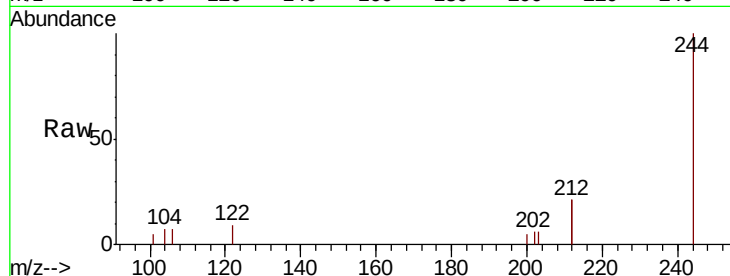
Tot Ion:244 Resp: 2165

Ion Ratio Lower Upper

244 100

212 43.0 23.7 35.5#

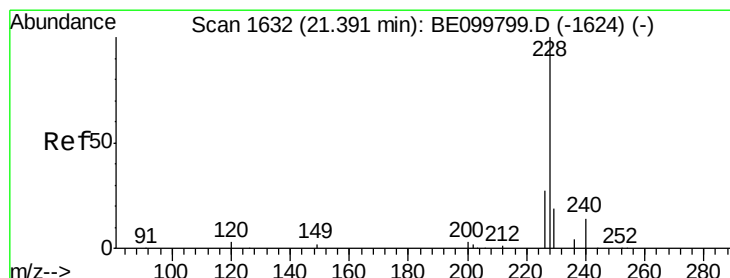
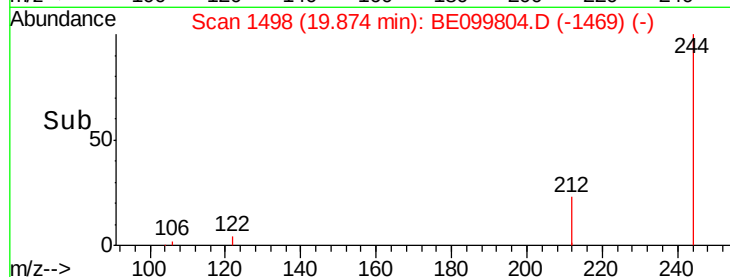
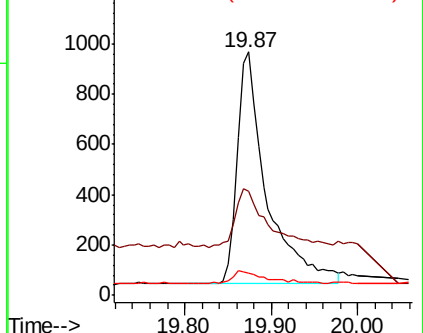
122 9.2 4.8 7.2#



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: 0.084 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.01 min

Lab File: BE099804.D

Acq: 5 Jun 2019 13:39

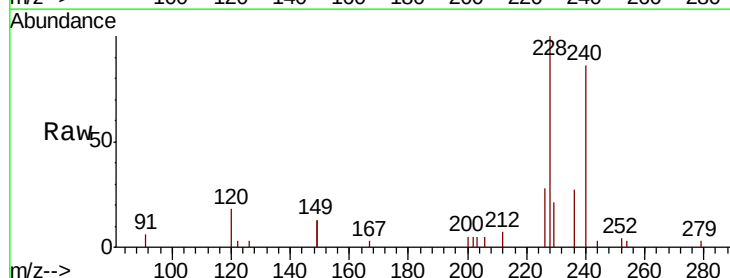
Tgt Ion:228 Resp: 3554

Ion Ratio Lower Upper

228 100

226 28.5 21.6 32.4

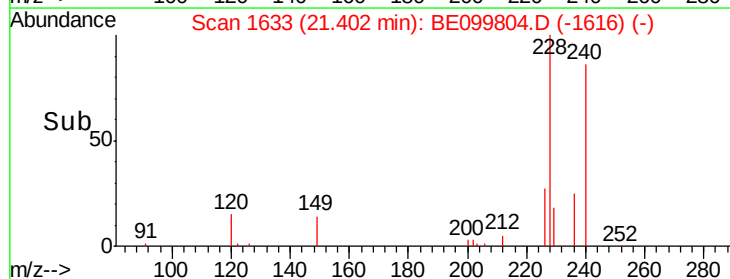
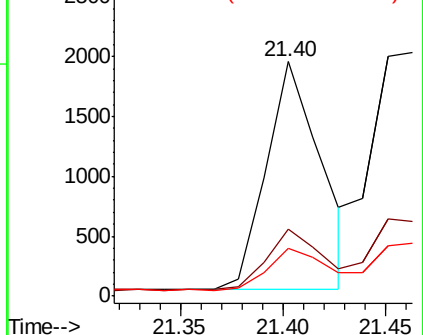
229 20.6 15.8 23.6

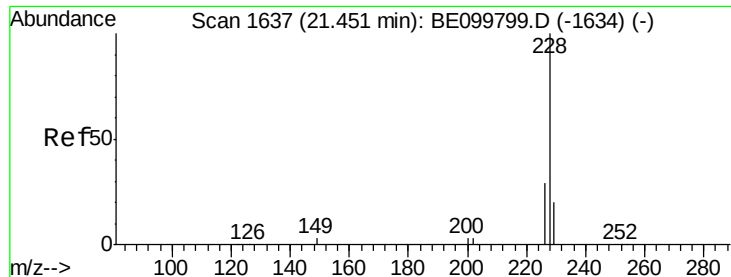


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.095 ng

RT: 21.46 min Scan# 1638

Delta R.T. 0.01 min

Lab File: BE099804.D

Acq: 5 Jun 2019 13:39

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

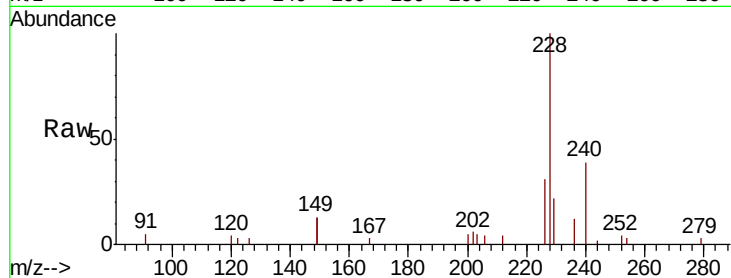
Tot Ion:228 Resp: 4431

Ion Ratio Lower Upper

228 100

226 30.8 22.9 34.3

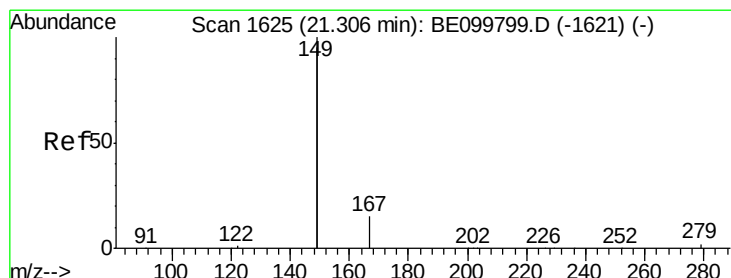
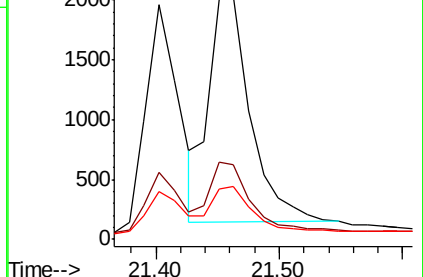
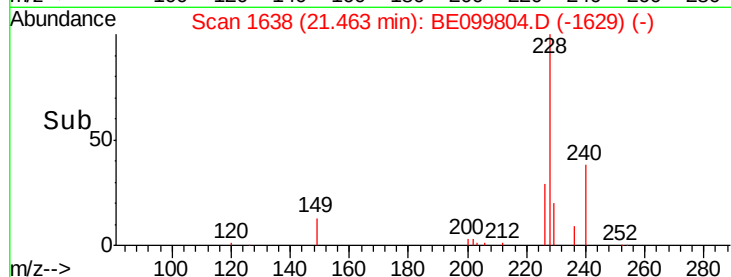
229 21.9 16.4 24.6



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: 0.100 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.01 min

Lab File: BE099804.D

Acq: 5 Jun 2019 13:39

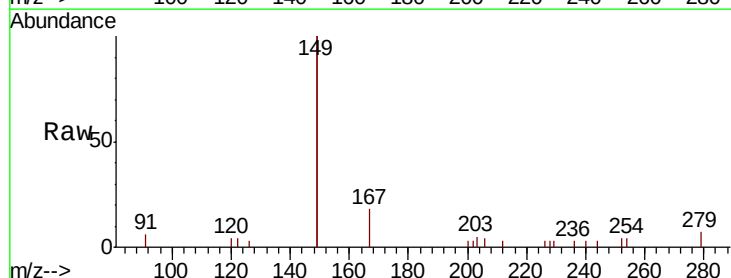
Tgt Ion:149 Resp: 4853

Ion Ratio Lower Upper

149 100

167 8.1 6.0 9.0

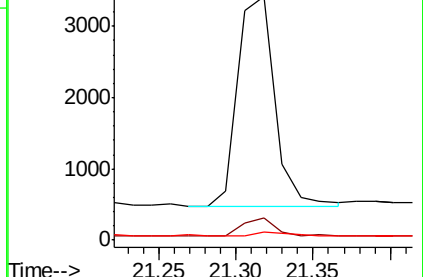
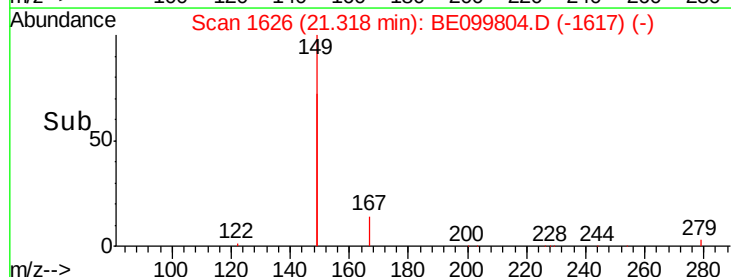
279 1.6 1.2 1.8

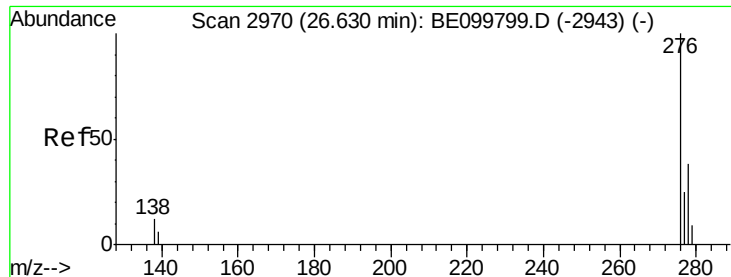


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

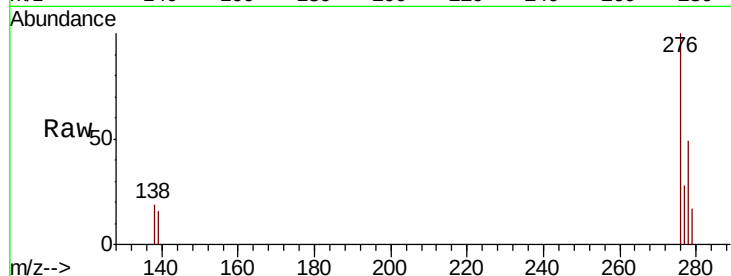




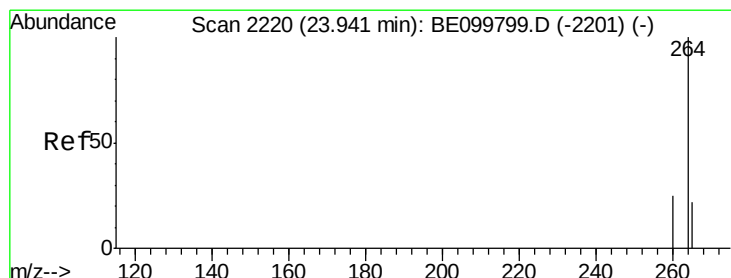
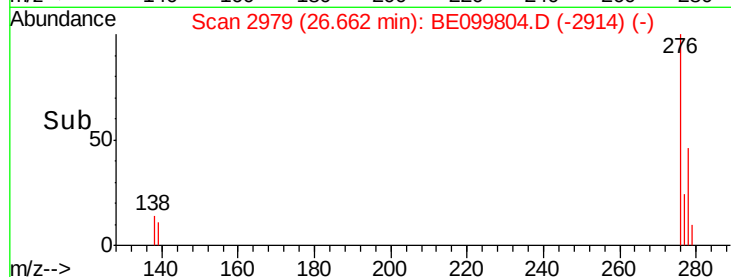
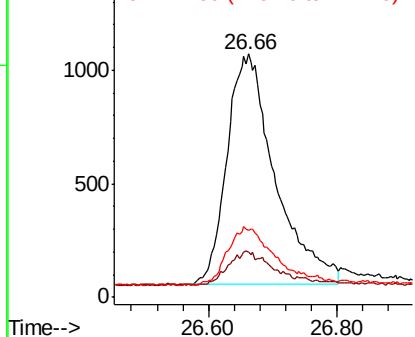
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.094 ng
 RT: 26.66 min Scan# 2979
 Delta R.T. 0.03 min
 Lab File: BE099804.D
 Acq: 5 Jun 2019 13:39

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Tot Ion:276 Resp: 5292
 Ion Ratio Lower Upper
 276 100
 138 8.5 10.3 15.5#
 277 23.1 19.4 29.2

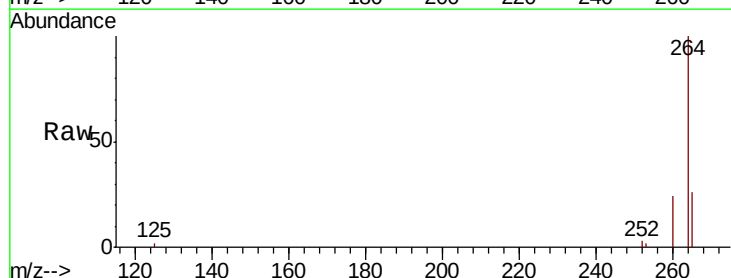


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

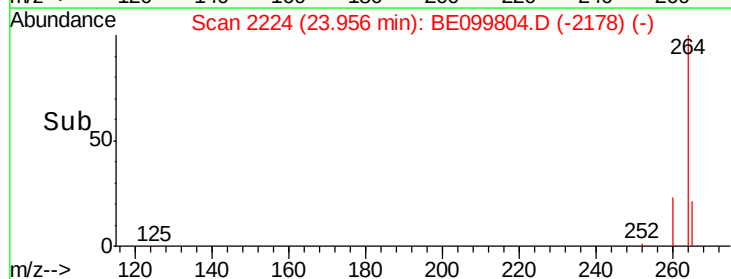
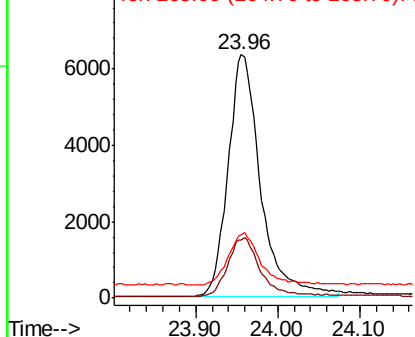


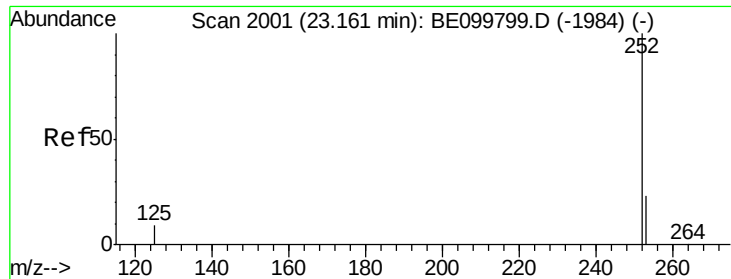
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.96 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: BE099804.D
 Acq: 5 Jun 2019 13:39

Tgt Ion:264 Resp: 17297
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.0 30.0
 265 26.0 20.7 31.1



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: 0.098 ng

RT: 23.23 min Scan# 2019

Delta R.T. 0.06 min

Lab File: BE099804.D

Acq: 5 Jun 2019 13:39

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

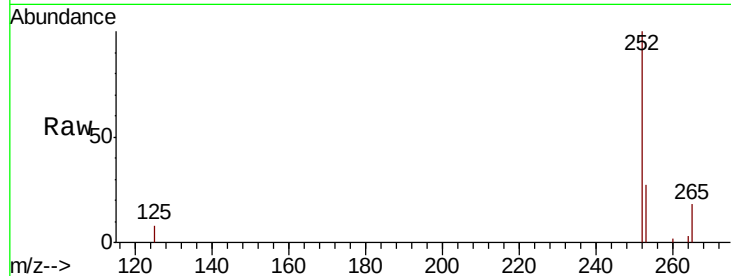
Tot Ion:252 Resp: 4700

Ion Ratio Lower Upper

252 100

253 26.5 18.9 28.3

125 8.3 7.6 11.4

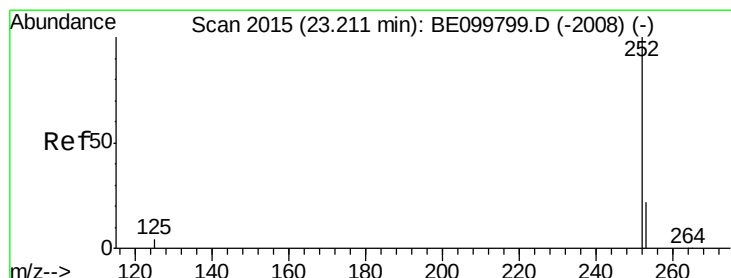
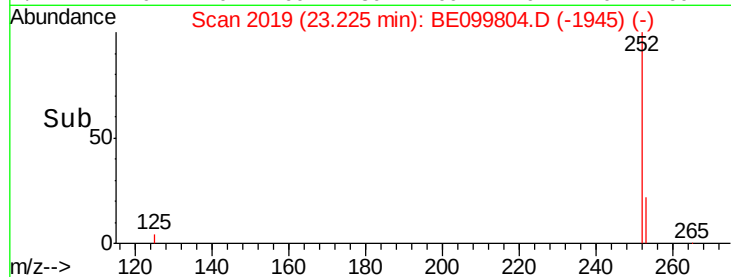
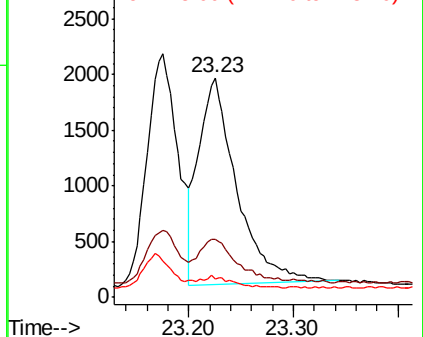


Abundance

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



#36

Benzo(k)fluoranthene

Concen: 0.092 ng

RT: 23.23 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BE099804.D

Acq: 5 Jun 2019 13:39

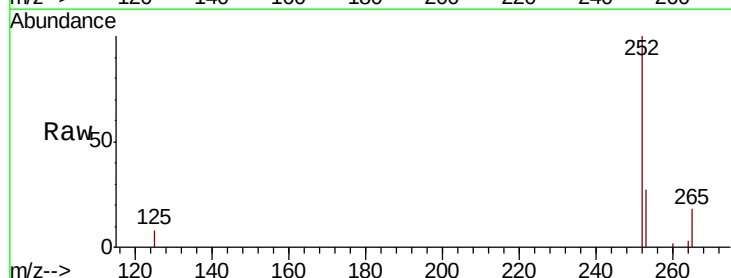
Tgt Ion:252 Resp: 4700

Ion Ratio Lower Upper

252 100

253 26.5 18.4 27.6

125 8.3 4.6 7.0#

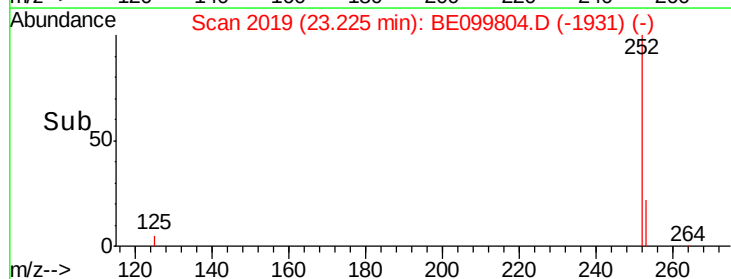
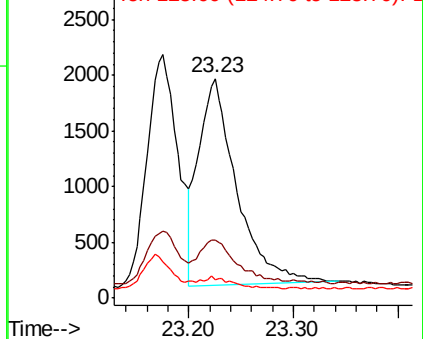


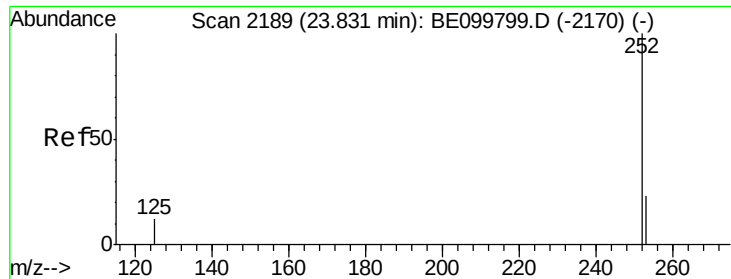
Abundance

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: 0.092 ng

RT: 23.84 min Scan# 2192

Delta R.T. 0.01 min

Lab File: BE099804.D

Acq: 5 Jun 2019 13:39

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

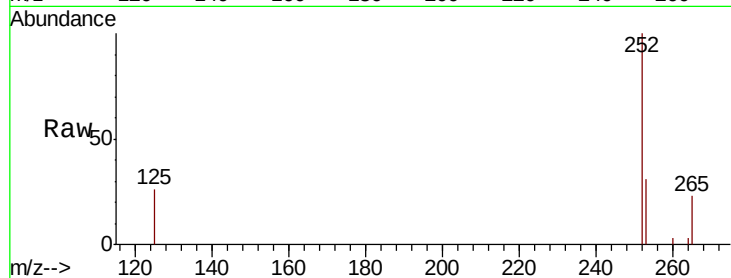
Tot Ion:252 Resp: 4279

Ion Ratio Lower Upper

252 100

253 30.8 19.3 28.9#

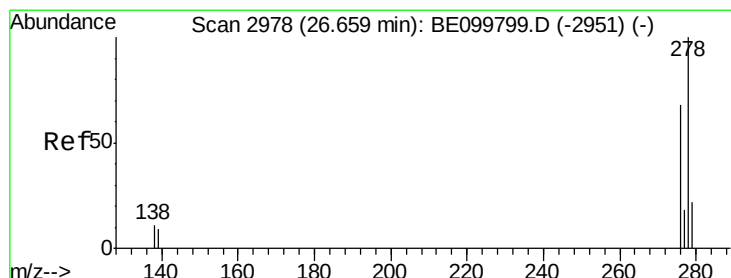
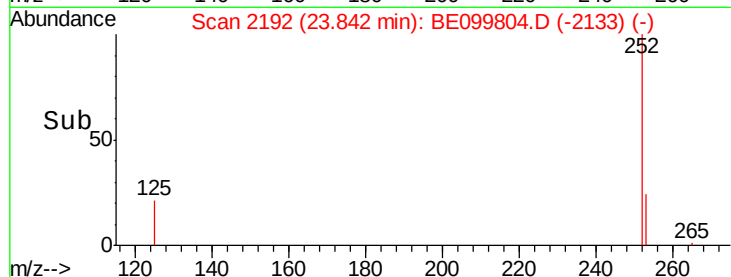
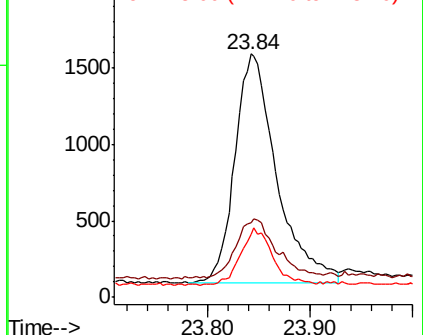
125 25.8 10.2 15.4#



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: 0.086 ng

RT: 26.68 min Scan# 2985

Delta R.T. 0.02 min

Lab File: BE099804.D

Acq: 5 Jun 2019 13:39

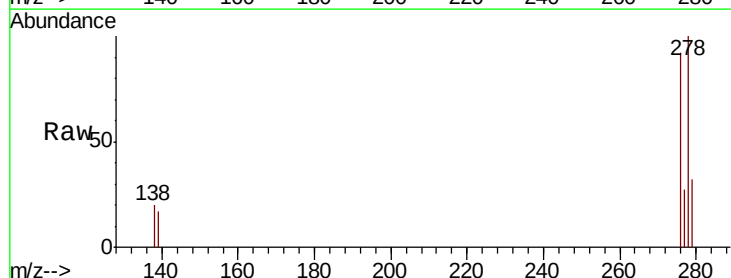
Tgt Ion:278 Resp: 4062

Ion Ratio Lower Upper

278 100

139 17.2 7.9 11.9#

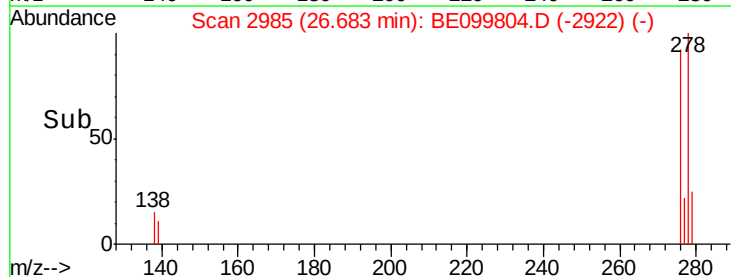
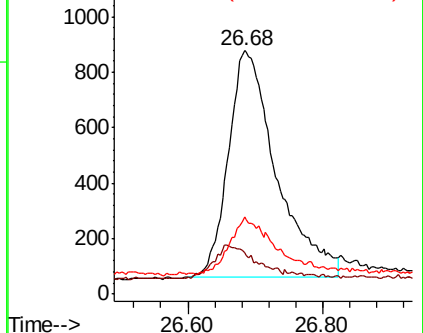
279 31.5 18.5 27.7#

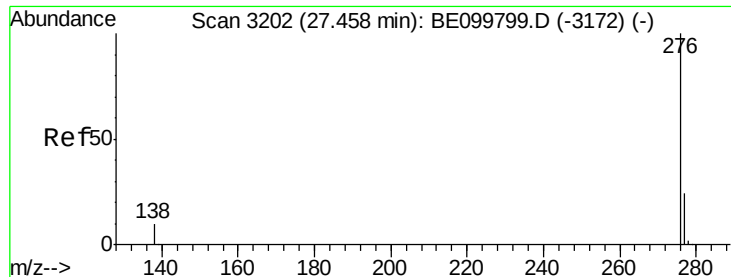


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.094 ng

RT: 27.48 min Scan# 3209

Delta R.T. 0.02 min

Lab File: BE099804.D

Acq: 5 Jun 2019 13:39

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

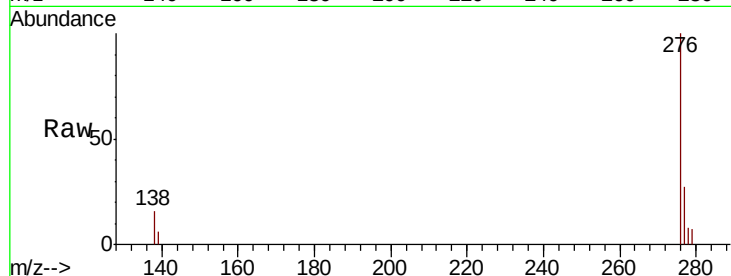
Tot Ion:276 Resp: 4665

Ion Ratio Lower Upper

276 100

277 27.5 19.6 29.4

138 15.5 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

