

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
 Data File : BE099101.D
 Acq On : 23 Mar 2019 4:18
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Mar 23 07:08:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 23 04:40:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4404	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	18833	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	14863	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	43423	0.40	ng	0.00
27) Chrysene-d12	21.39	240	47238	0.40	ng	0.00
34) Perylene-d12	23.90	264	49535	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	4418	0.34	ng	0.00
5) Phenol-d6	6.99	99	6513	0.34	ng	0.00
8) Nitrobenzene-d5	8.99	82	4357	0.53	ng	-0.01
11) 2-Methylnaphthalene-d10	12.22	152	11207	0.33	ng	-0.02
14) 2,4,6-Tribromophenol	15.96	330	2156	0.49	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	17646	0.30	ng	0.00
25) Fluoranthene-d10	19.24	212	167660	0.29	ng	0.00
29) Terphenyl-d14	19.84	244	33347	0.33	ng	0.00

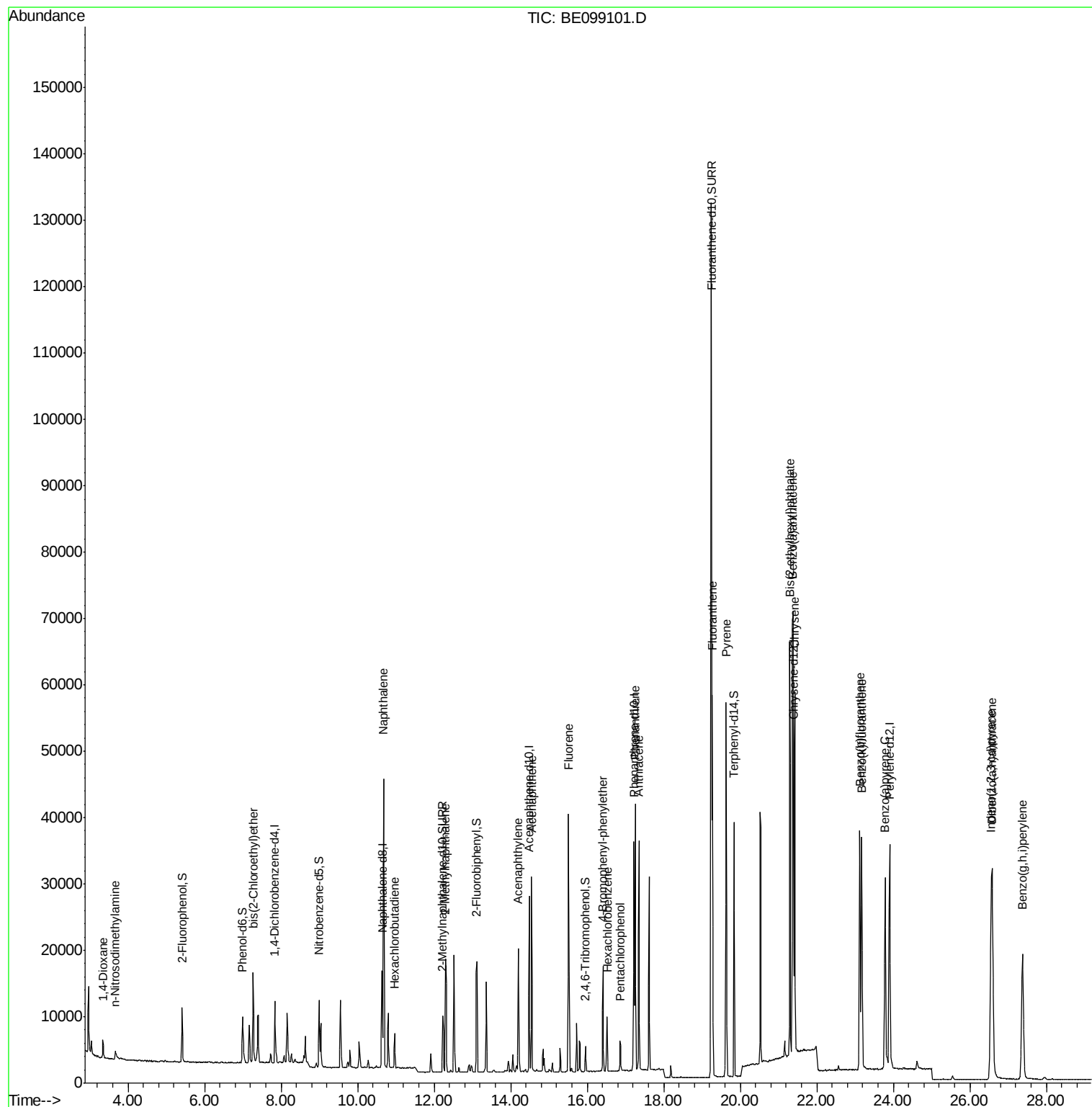
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.35	88	2248	0.329 ng	#	90
3) n-Nitrosodimethylamine	3.67	42	1043	0.296 ng	#	98
6) bis(2-Chloroethyl)ether	7.26	93	5396	0.352 ng		82
9) Naphthalene	10.68	128	70566	0.318 ng		99
10) Hexachlorobutadiene	10.96	225	3492	0.322 ng		99
12) 2-Methylnaphthalene	12.29	142	12821	0.337 ng		95
16) Acenaphthylene	14.20	152	23923	0.302 ng		97
17) Acenaphthene	14.54	154	14161	0.301 ng		98
18) Fluorene	15.51	166	21059	0.307 ng		98
20) 4-Bromophenyl-phenylether	16.41	248	7740	0.322 ng	#	70
21) Hexachlorobenzene	16.52	284	7244	0.324 ng		96
22) Pentachlorophenol	16.87	266	2789	0.556 ng	#	77
23) Phenanthrene	17.25	178	39674	0.308 ng		99
24) Anthracene	17.35	178	36420	0.299 ng		99
26) Fluoranthene	19.27	202	50296	0.277 ng		99
28) Pyrene	19.63	202	51445	0.321 ng		98
30) Benzo(a)anthracene	21.37	228	50861	0.306 ng		97
31) Chrysene	21.43	228	52748	0.317 ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	76489	0.354 ng		99
33) Indeno(1,2,3-cd)pyrene	26.56	276	56624	0.317 ng		98
35) Benzo(b)fluoranthene	23.12	252	50730	0.296 ng		99
36) Benzo(k)fluoranthene	23.17	252	50366	0.300 ng		98
37) Benzo(a)pyrene	23.78	252	47204	0.298 ng	#	94
38) Dibenzo(a,h)anthracene	26.58	278	46366	0.301 ng		97
39) Benzo(g,h,i)perylene	27.38	276	47062	0.297 ng		97

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

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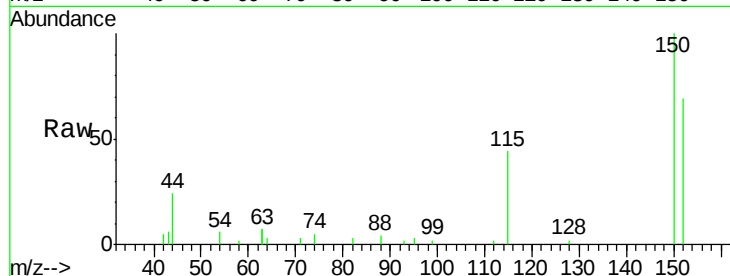


#1

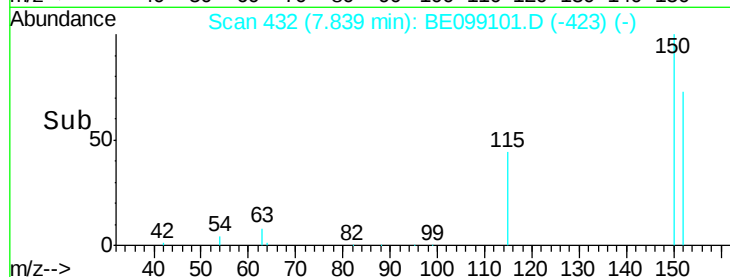
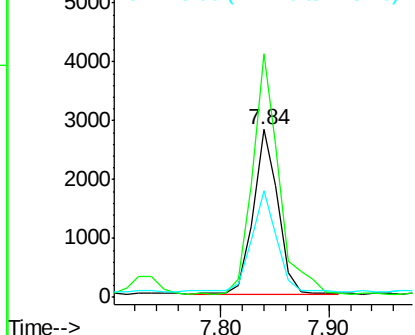
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099101.D
Acq: 23 Mar 2019 4:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4404
Ion Ratio Lower Upper
152 100
150 145.3 122.5 183.7
115 63.4 57.4 86.2



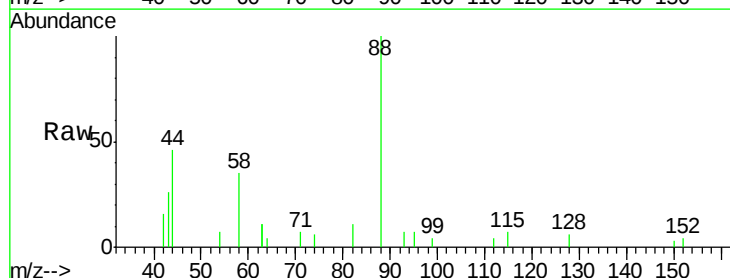
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



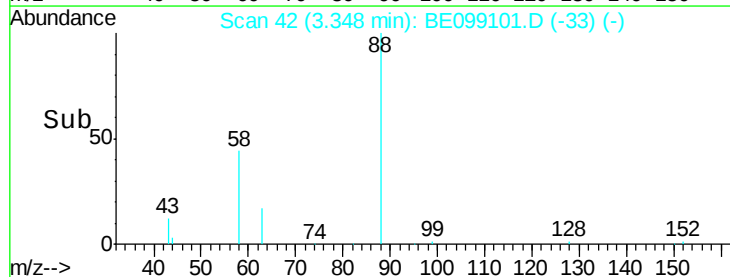
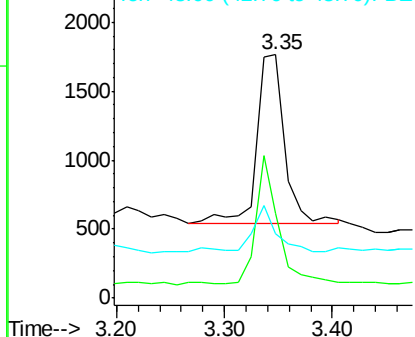
#2

1,4-Dioxane
Concen: 0.329 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.00 min
Lab File: BE099101.D
Acq: 23 Mar 2019 4:18

Tgt Ion: 88 Resp: 2248
Ion Ratio Lower Upper
88 100
58 59.0 52.0 78.0
43 21.4 24.0 36.0#



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: 0.296 ng

RT: 3.67 min Scan# 70

Delta R.T. -0.01 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

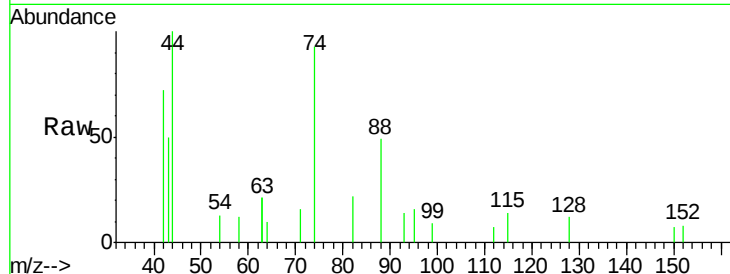
Tgt Ion: 42 Resp: 1043

Ion Ratio Lower Upper

42 100

74 203.3 160.0 240.0

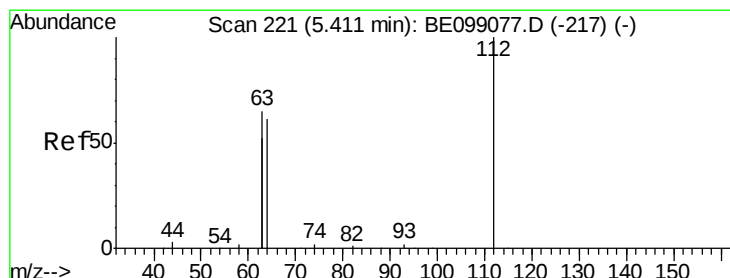
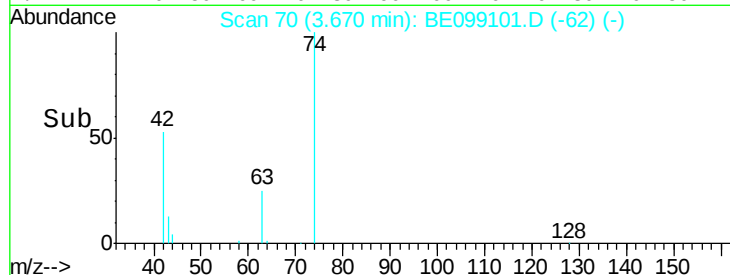
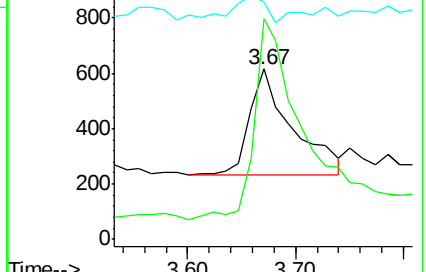
44 19.0 0.0 0.0#



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: 0.337 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

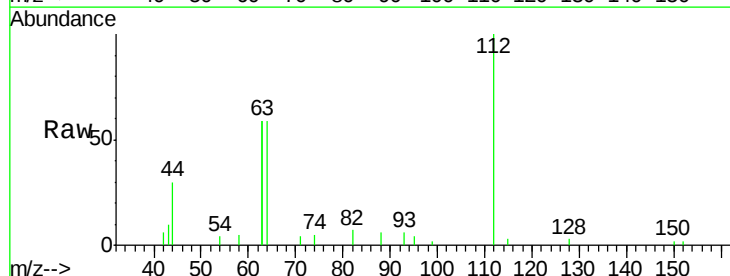
Tgt Ion: 112 Resp: 4418

Ion Ratio Lower Upper

112 100

64 59.2 57.9 86.9

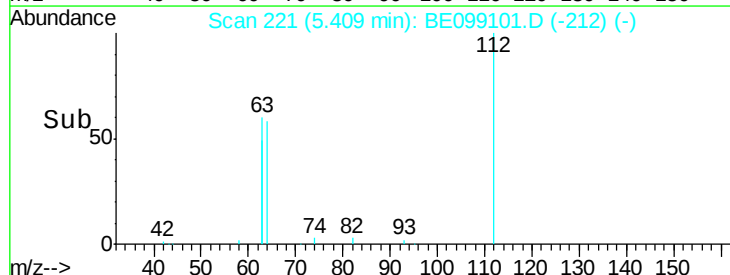
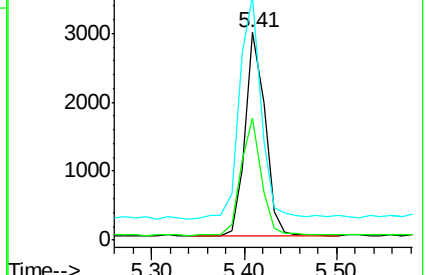
63 117.7 158.3 237.5#

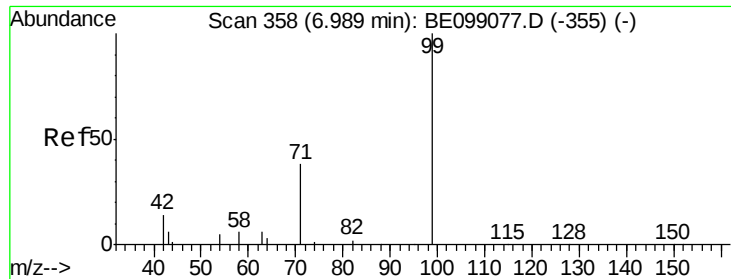


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.345 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

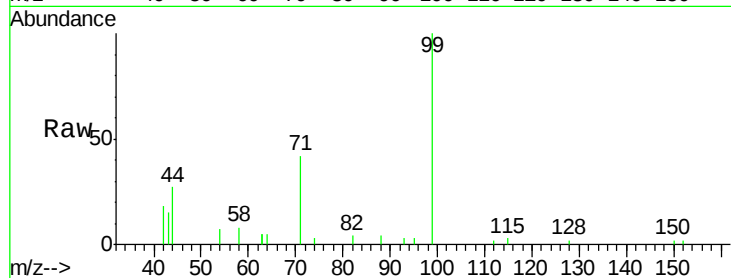
Tgt Ion: 99 Resp: 6513

Ion Ratio Lower Upper

99 100

42 15.4 24.2 36.2#

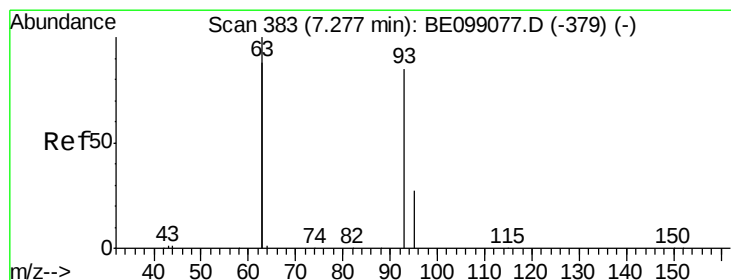
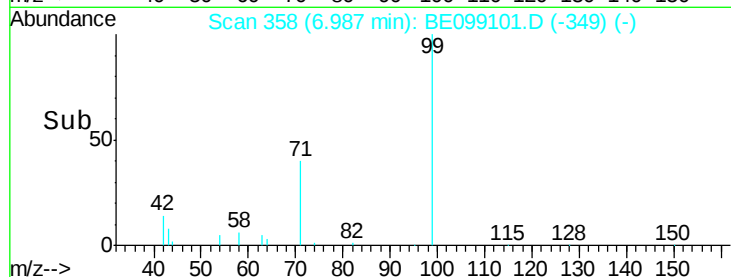
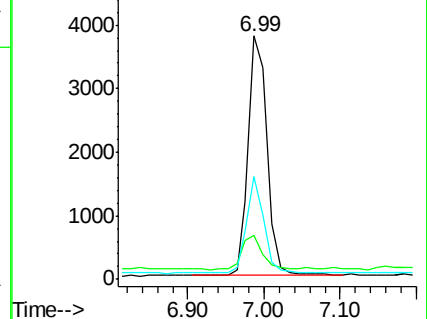
71 36.5 35.7 53.5



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: 0.352 ng

RT: 7.26 min Scan# 382

Delta R.T. -0.01 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

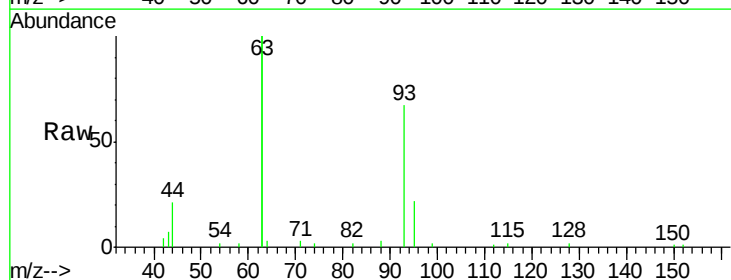
Tgt Ion: 93 Resp: 5396

Ion Ratio Lower Upper

93 100

63 272.0 247.5 371.3

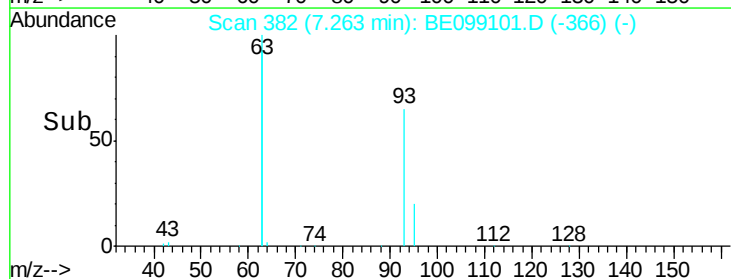
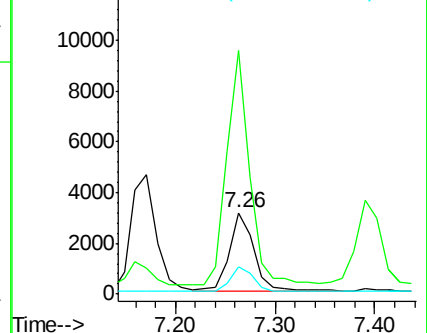
95 29.8 21.8 32.8

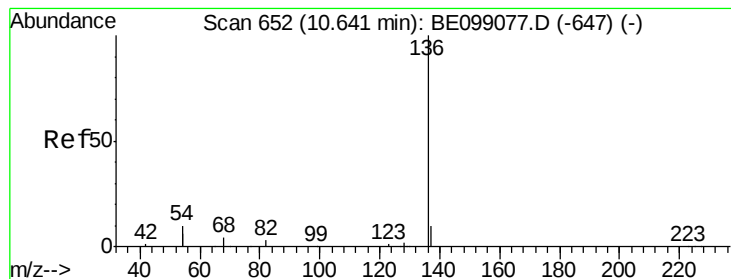


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

Instrument :

BNA_E

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SSTDCCC0.4EC

Tgt Ion:136 Resp: 18833

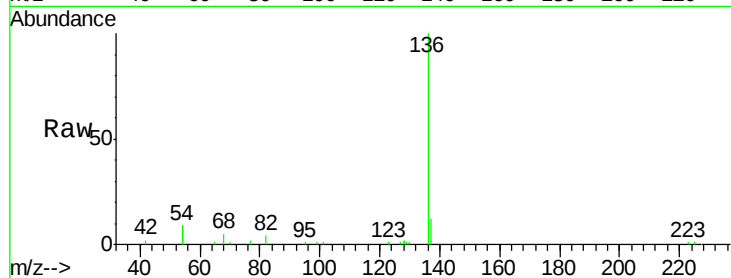
Ion Ratio Lower Upper

136 100

137 11.7 11.4 17.0

54 17.3 39.3 58.9#

68 5.2 6.7 10.1#

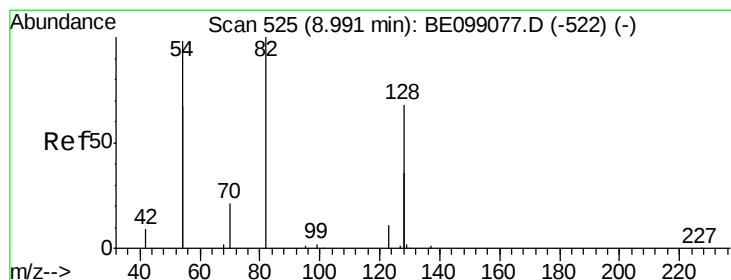
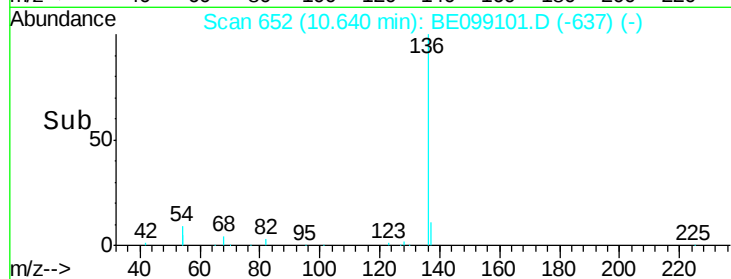
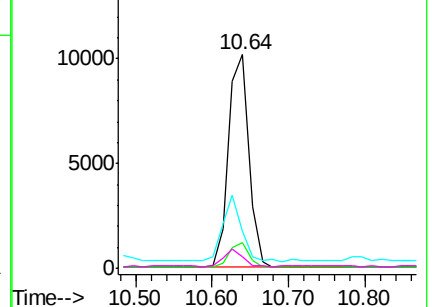


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.529 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.01 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

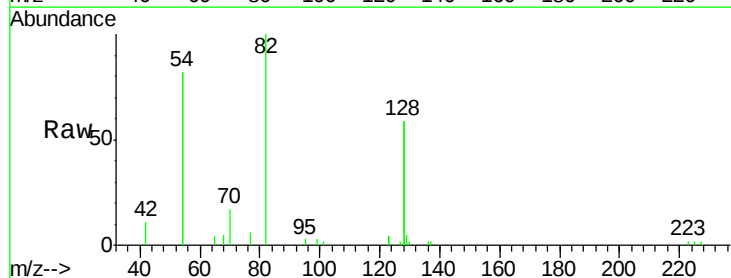
Tgt Ion: 82 Resp: 4357

Ion Ratio Lower Upper

82 100

128 117.8 123.8 185.8#

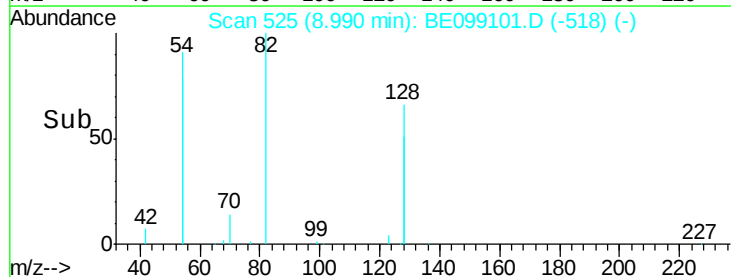
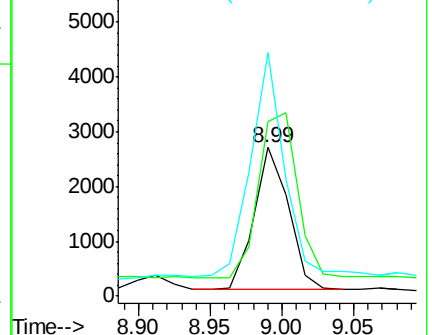
54 163.8 203.4 305.2#

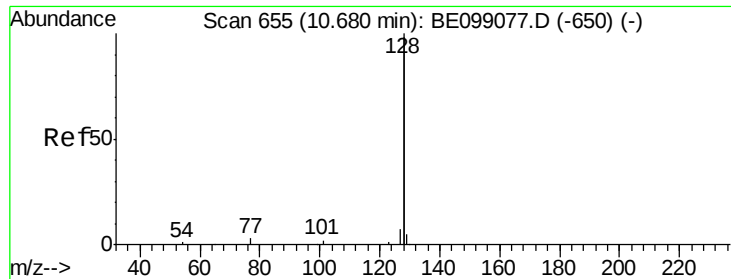


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.318 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE099101.D

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SSTDCCC0.4EC

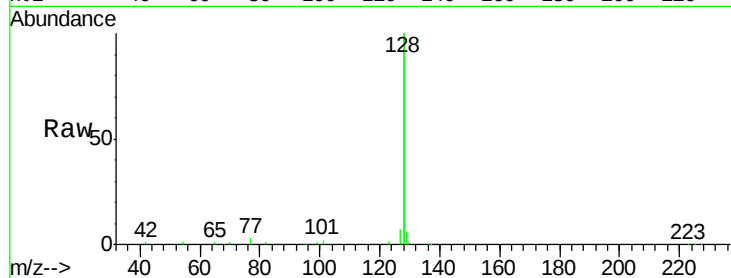
Tgt Ion:128 Resp: 70566

Ion Ratio Lower Upper

128 100

129 2.8 2.6 4.0

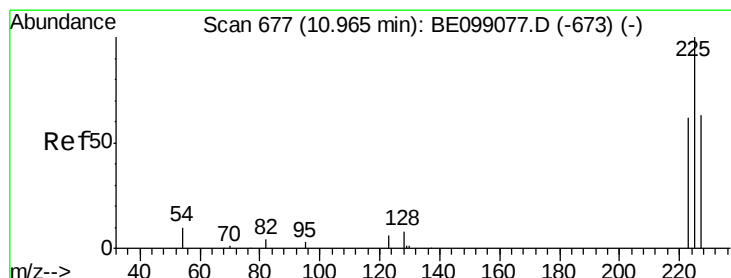
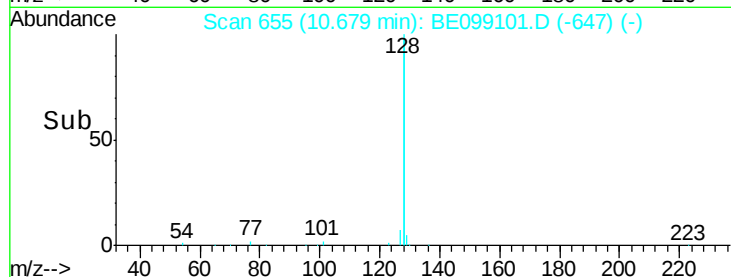
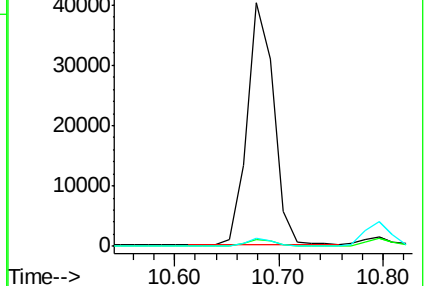
127 3.5 3.1 4.7



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: 0.322 ng

RT: 10.96 min Scan# 677

Delta R.T. -0.00 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

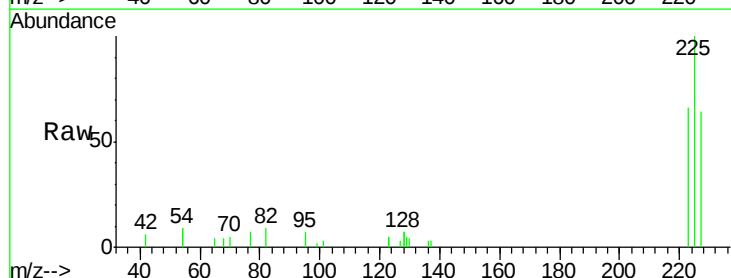
Tgt Ion:225 Resp: 3492

Ion Ratio Lower Upper

225 100

223 66.0 51.1 76.7

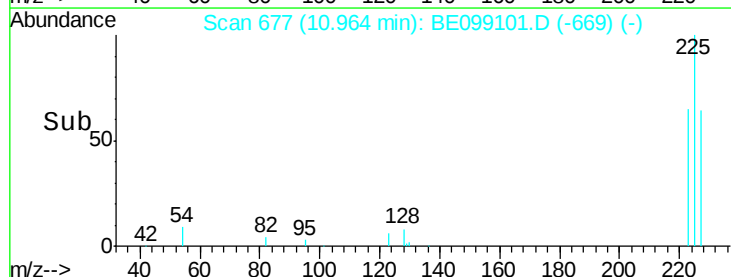
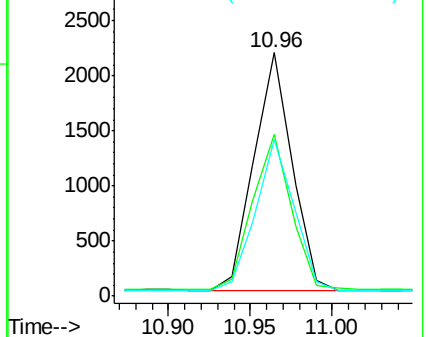
227 64.4 51.6 77.4

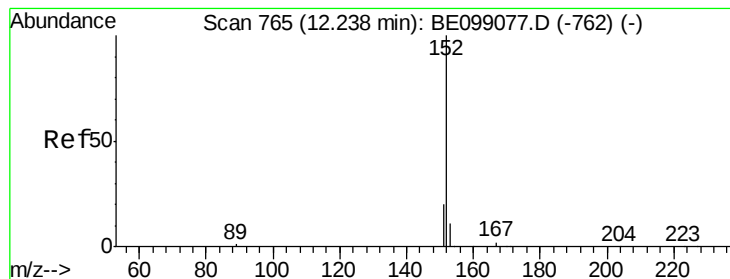


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.330 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.02 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

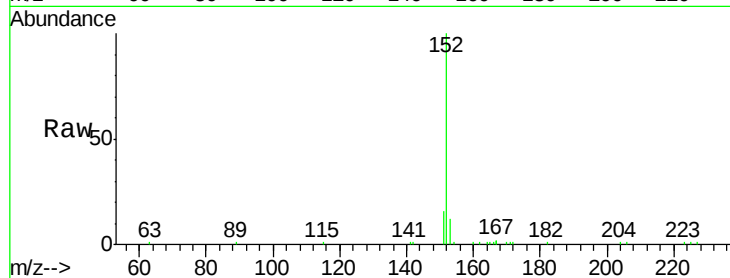
SSTDCCC0.4EC

Tgt Ion:152 Resp: 11207

Ion Ratio Lower Upper

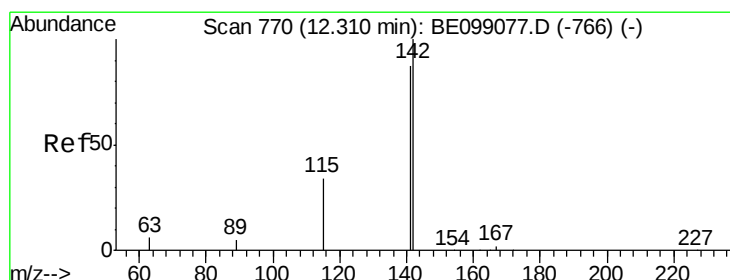
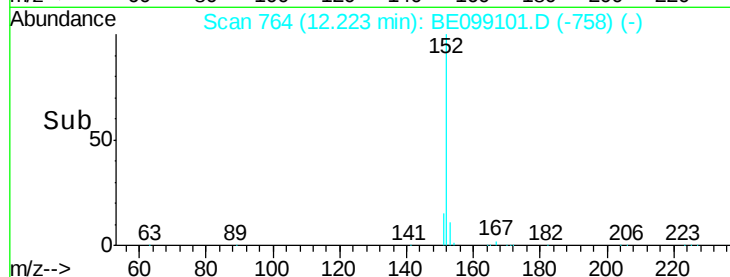
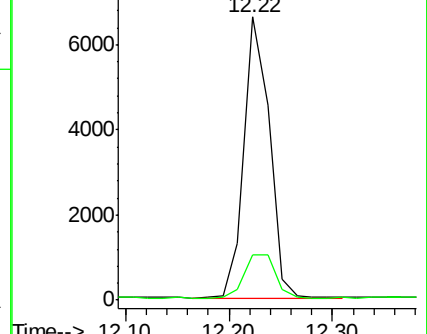
152 100

151 18.8 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.337 ng

RT: 12.29 min Scan# 769

Delta R.T. -0.02 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

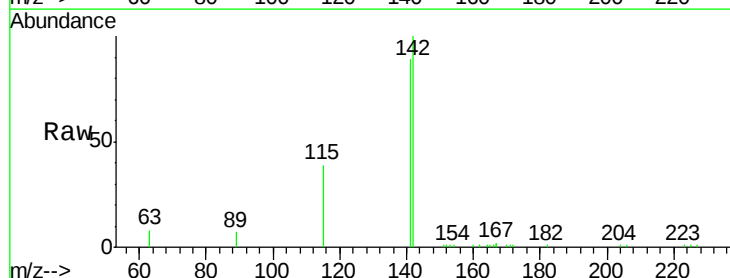
Tgt Ion:142 Resp: 12821

Ion Ratio Lower Upper

142 100

141 88.5 72.6 108.8

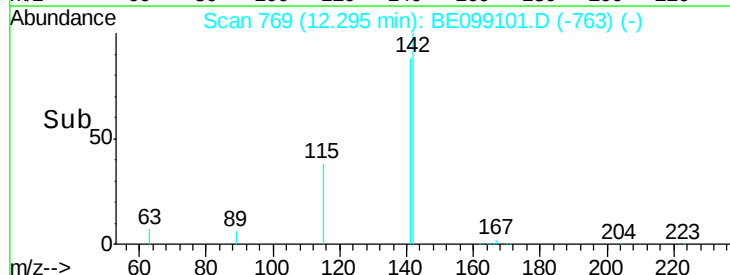
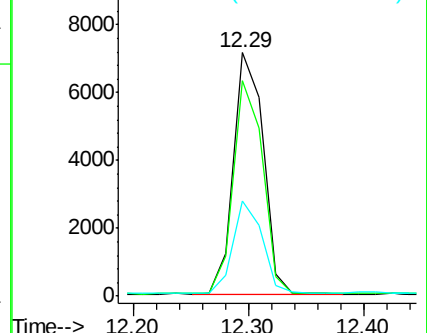
115 39.2 37.4 56.2



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

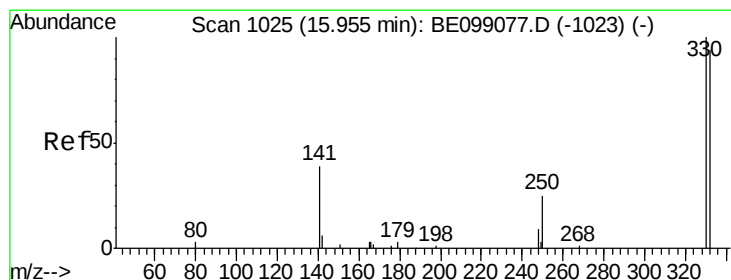
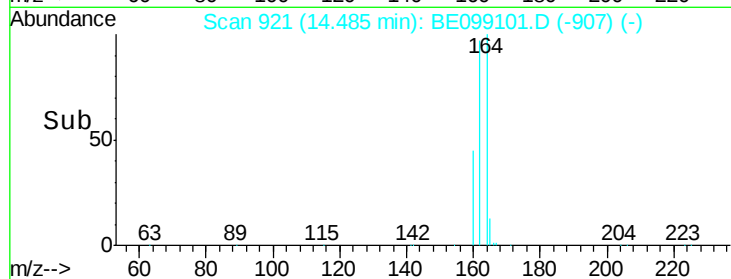
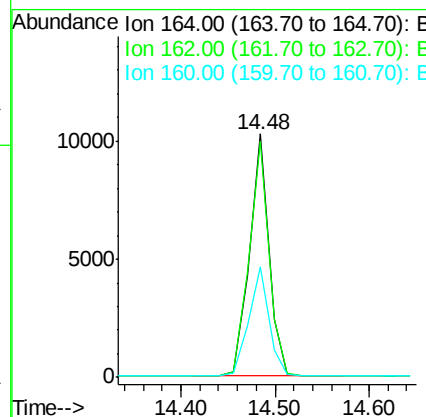
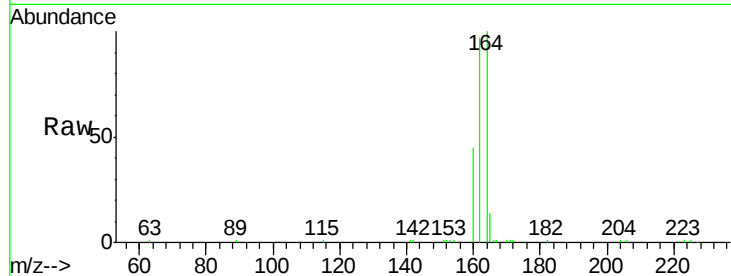




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099101.D
Acq: 23 Mar 2019 4:18

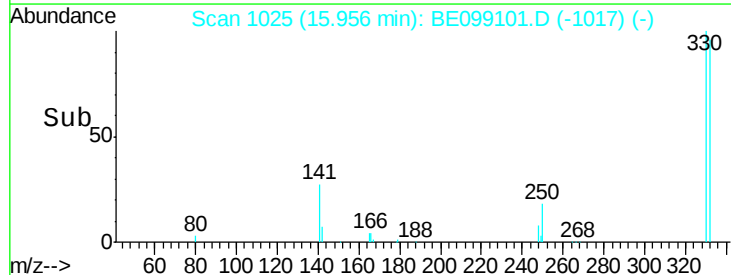
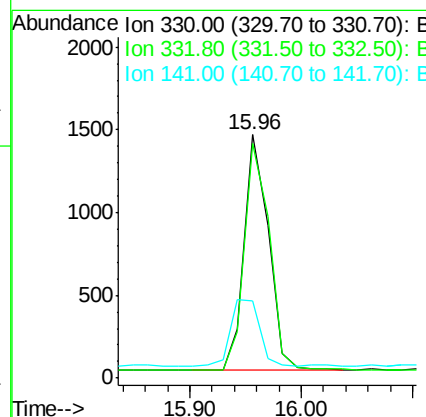
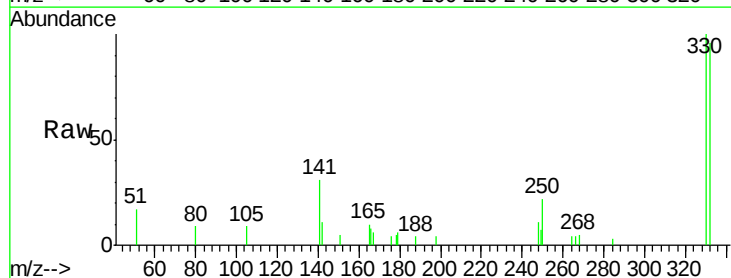
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

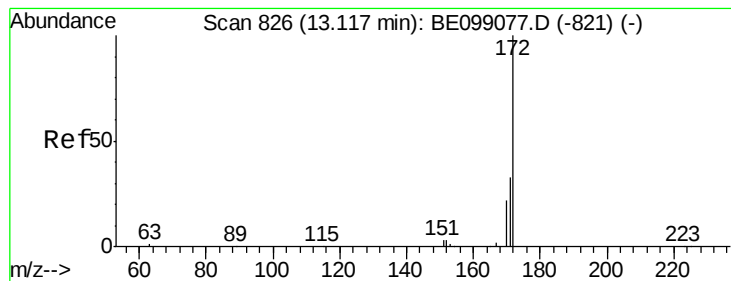
Tgt Ion:164 Resp: 14863
Ion Ratio Lower Upper
164 100
162 97.2 80.2 120.2
160 45.4 37.8 56.8



#14
2,4,6-Tribromophenol
Concen: 0.493 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099101.D
Acq: 23 Mar 2019 4:18

Tgt Ion:330 Resp: 2156
Ion Ratio Lower Upper
330 100
332 99.8 77.6 116.4
141 33.6 31.0 46.4





#15

2-Fluorobiphenyl

Concen: 0.299 ng

RT: 13.12 min Scan# 826

Delta R.T. -0.00 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

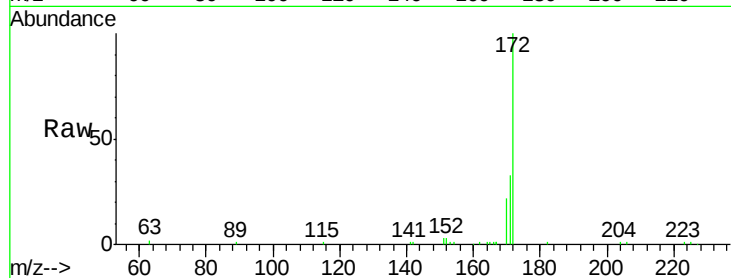
Tgt Ion:172 Resp: 17646

Ion Ratio Lower Upper

172 100

171 32.9 28.0 42.0

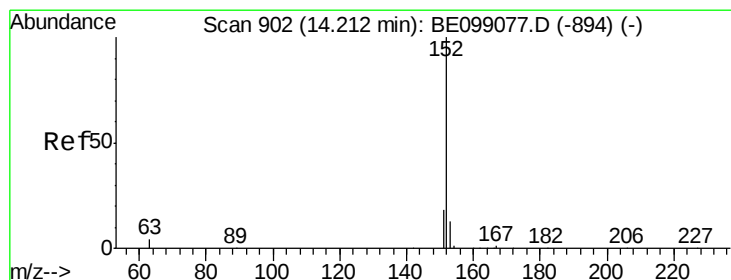
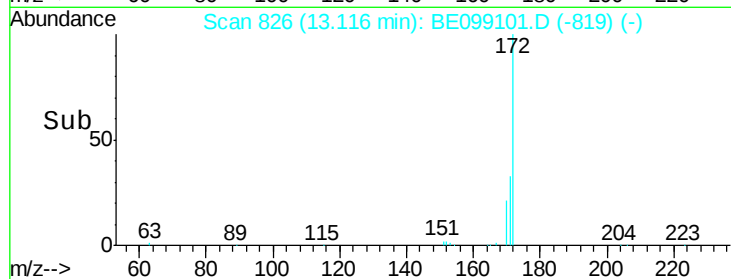
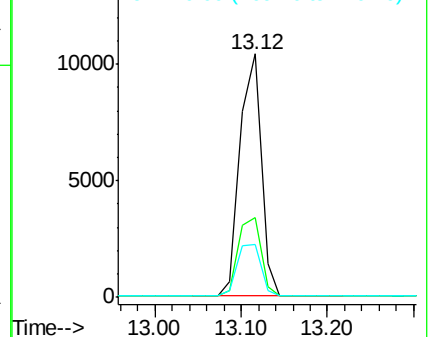
170 21.5 17.7 26.5



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: 0.302 ng

RT: 14.20 min Scan# 901

Delta R.T. -0.02 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

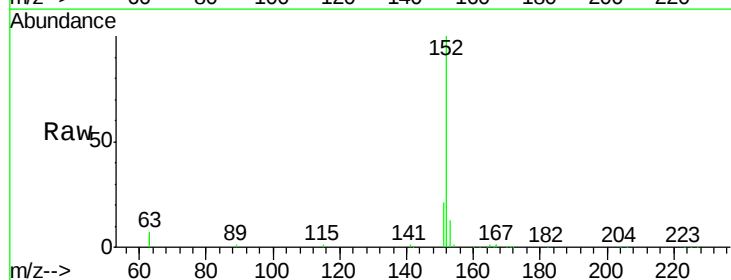
Tgt Ion:152 Resp: 23923

Ion Ratio Lower Upper

152 100

151 19.4 17.0 25.6

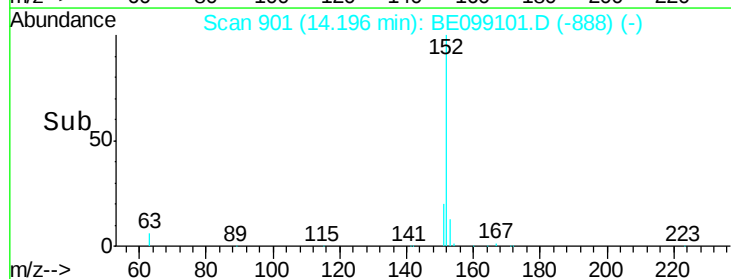
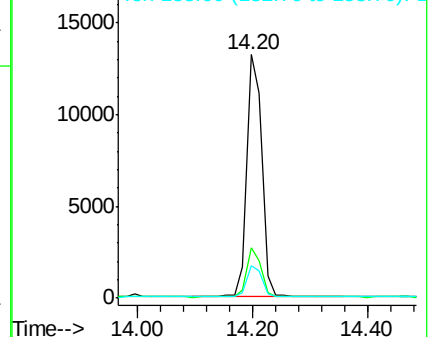
153 13.1 11.2 16.8

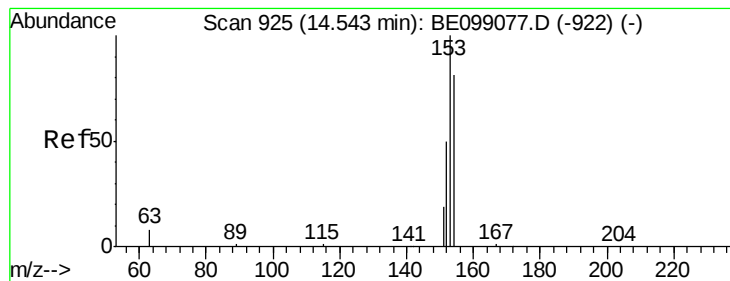


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.301 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

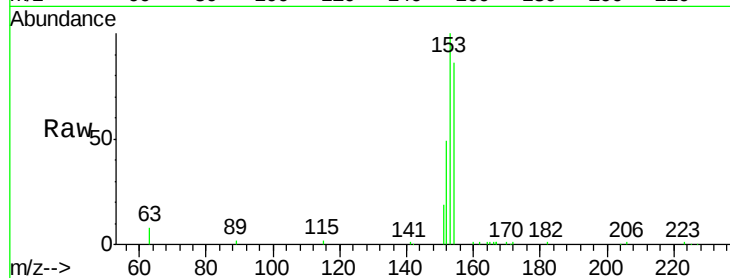
Tgt Ion:154 Resp: 14161

Ion Ratio Lower Upper

154 100

153 115.4 94.2 141.4

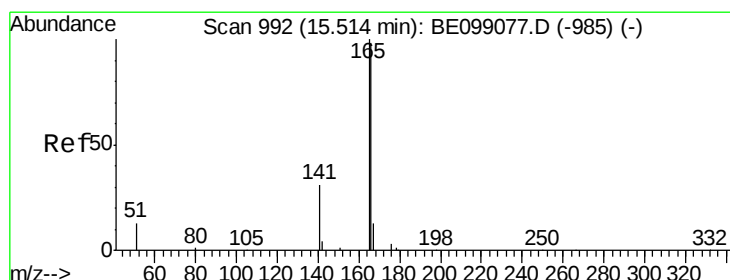
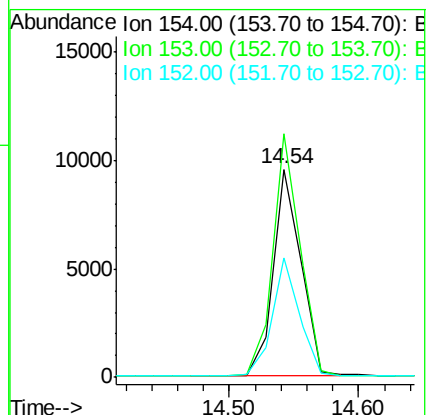
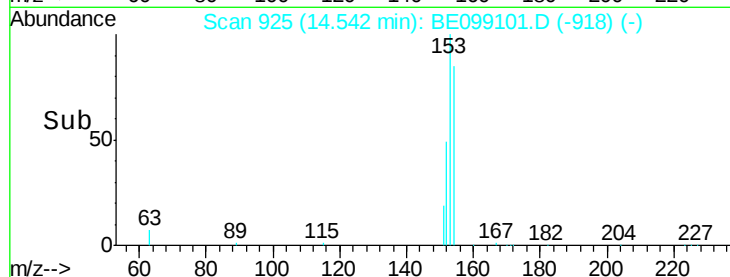
152 56.1 45.0 67.4



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: 0.307 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

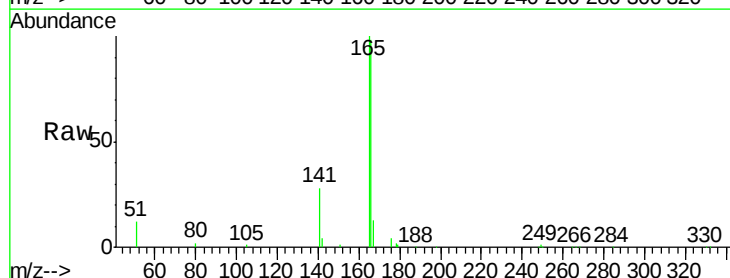
Tgt Ion:166 Resp: 21059

Ion Ratio Lower Upper

166 100

165 101.0 79.3 118.9

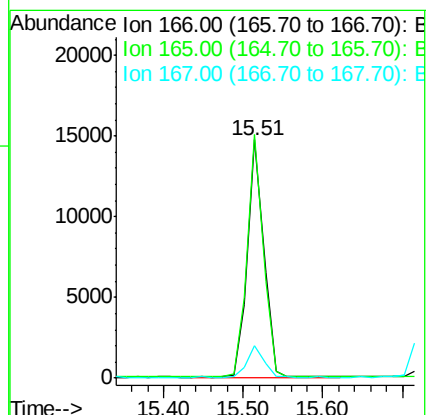
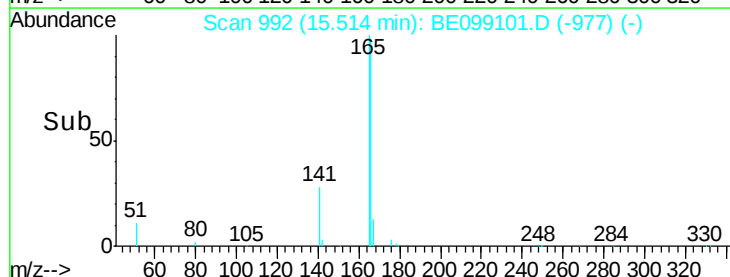
167 13.4 10.5 15.7

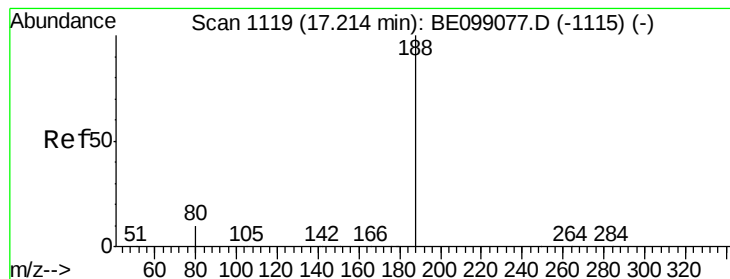


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.21 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

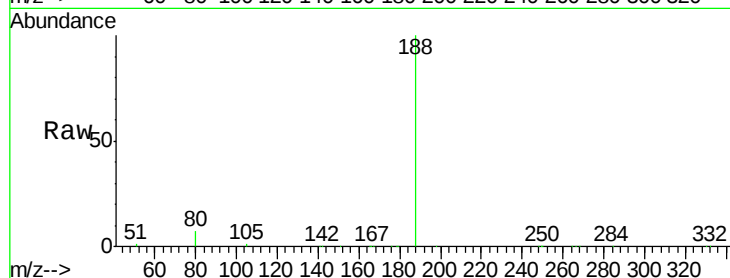
Tgt Ion:188 Resp: 43423

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

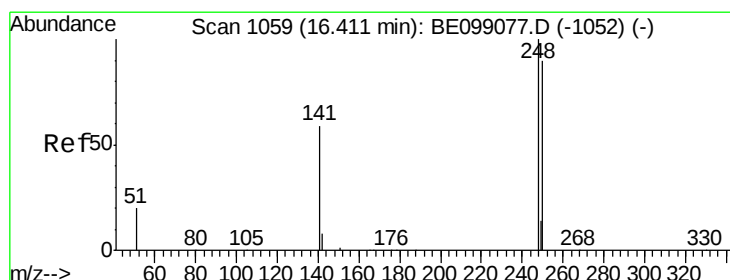
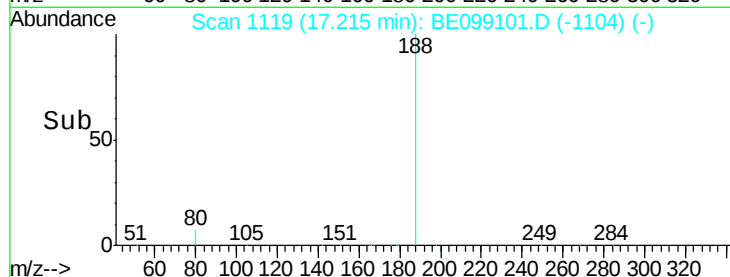
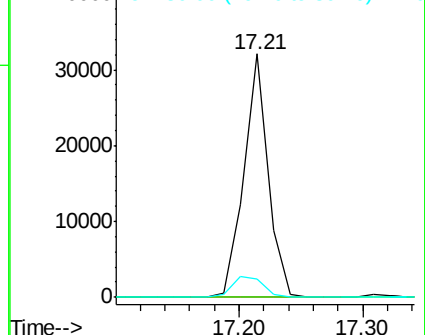
80 7.4 6.3 9.5



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: 0.322 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

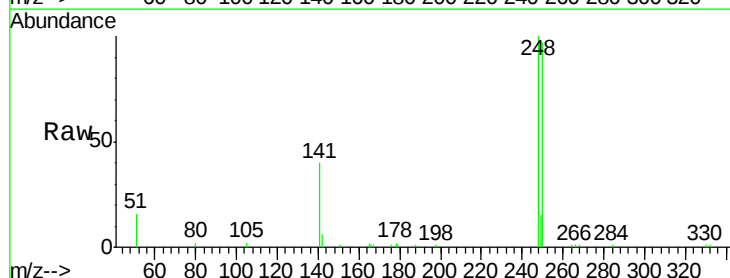
Tgt Ion:248 Resp: 7740

Ion Ratio Lower Upper

248 100

250 97.4 70.6 105.8

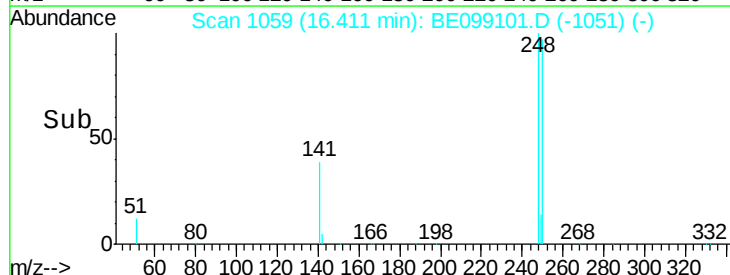
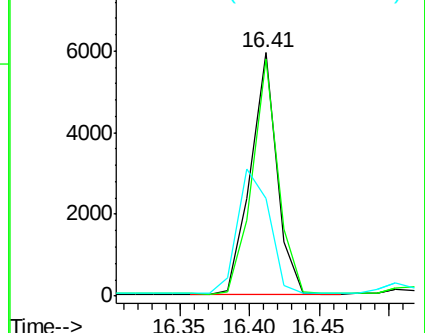
141 40.0 68.6 102.8#

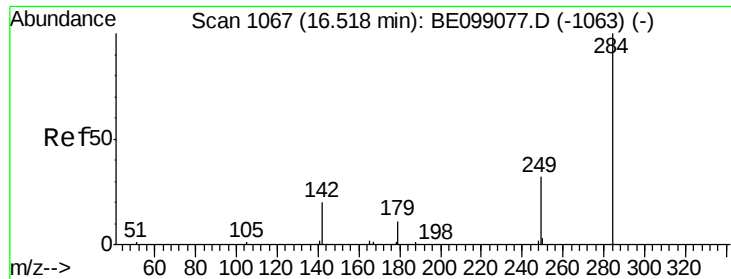


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.324 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

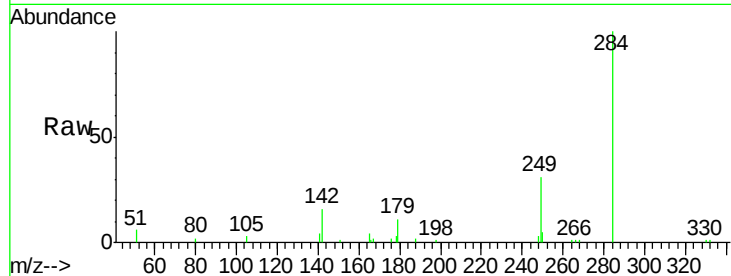
Tgt Ion:284 Resp: 7244

Ion Ratio Lower Upper

284 100

142 33.8 28.7 43.1

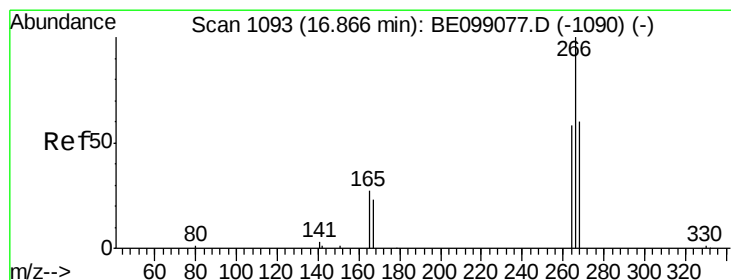
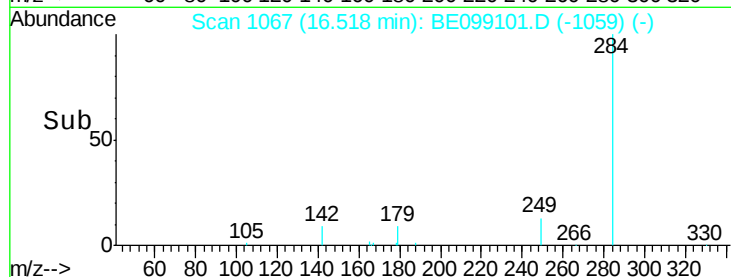
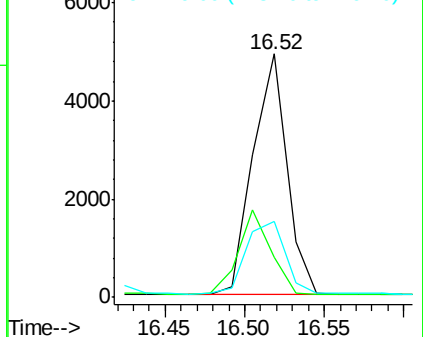
249 34.4 29.6 44.4



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: 0.556 ng

RT: 16.87 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

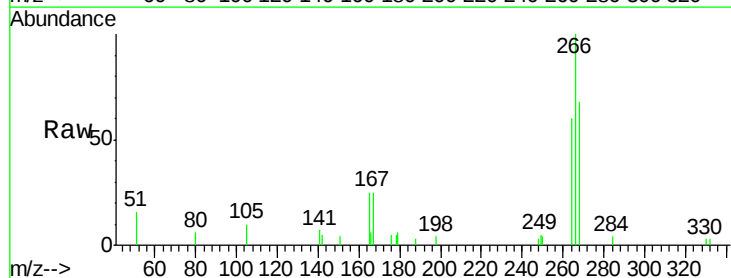
Tgt Ion:266 Resp: 2789

Ion Ratio Lower Upper

266 100

264 60.1 66.6 100.0#

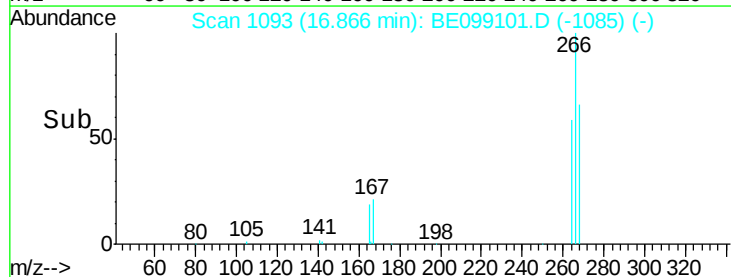
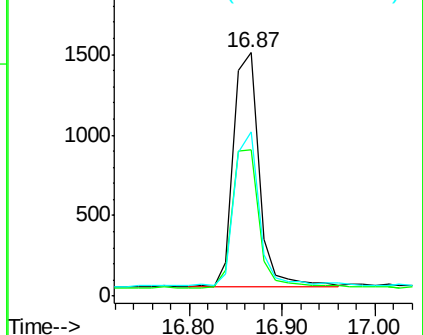
268 67.6 69.8 104.8#

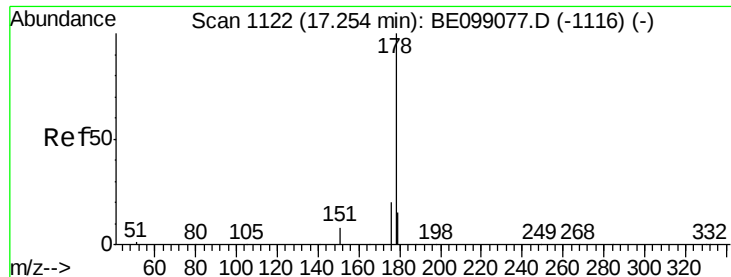


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.308 ng

RT: 17.25 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

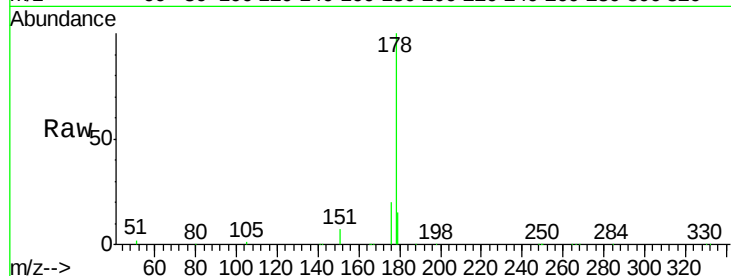
Tgt Ion:178 Resp: 39674

Ion Ratio Lower Upper

178 100

176 19.6 16.0 24.0

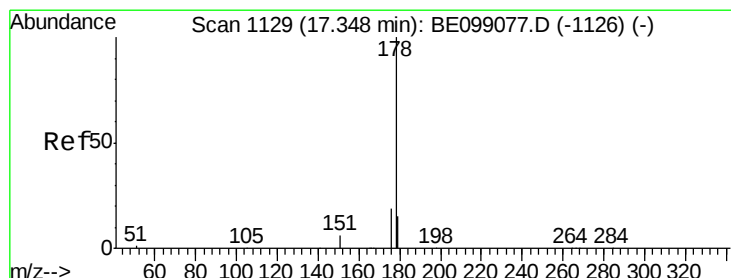
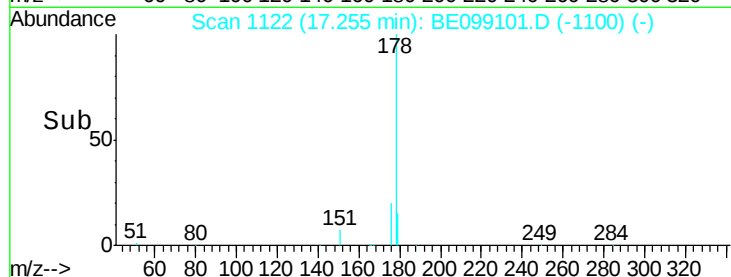
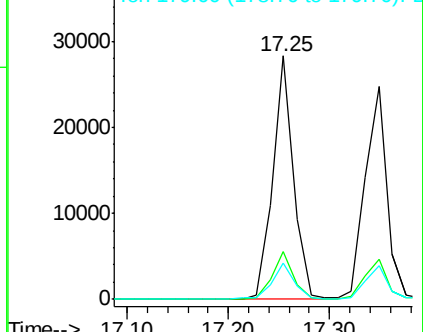
179 15.2 12.1 18.1



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



#24

Anthracene

Concen: 0.299 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

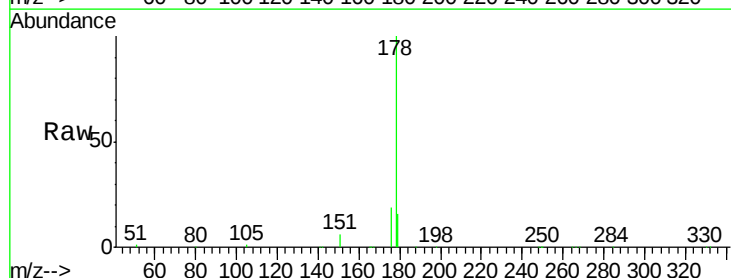
Tgt Ion:178 Resp: 36420

Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.0

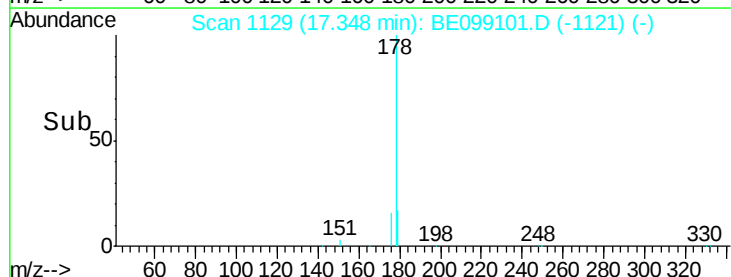
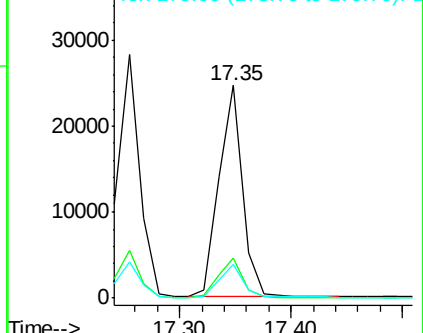
179 15.3 12.2 18.4

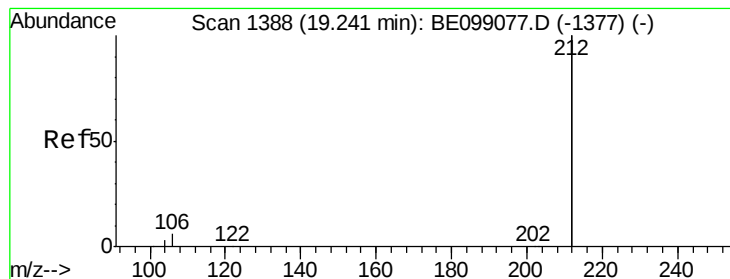


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.289 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

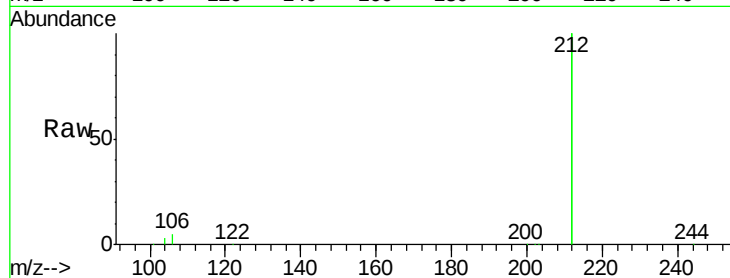
Tgt Ion:212 Resp: 167660

Ion Ratio Lower Upper

212 100

106 2.6 1.8 2.8

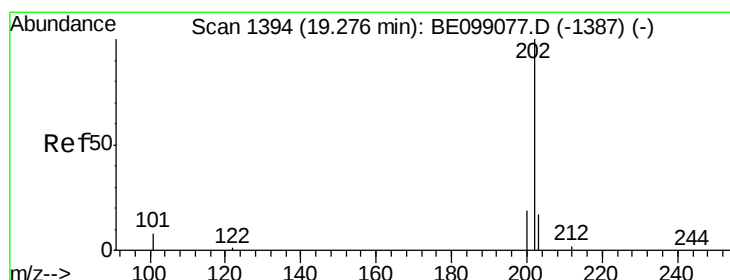
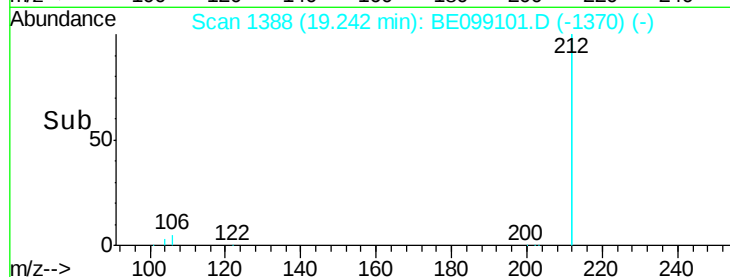
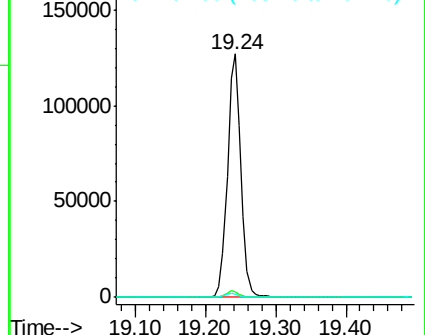
104 1.5 1.0 1.6



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: 0.277 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

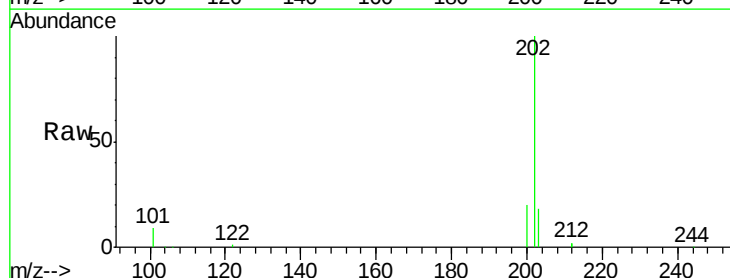
Tgt Ion:202 Resp: 50296

Ion Ratio Lower Upper

202 100

101 9.5 7.3 10.9

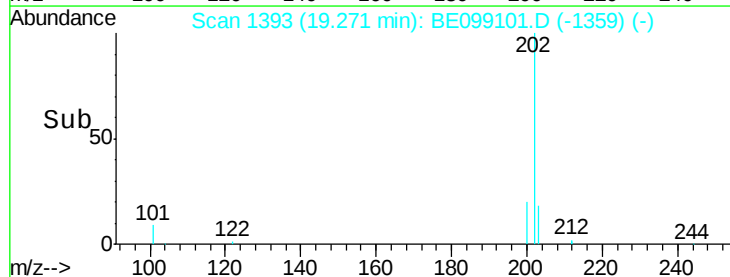
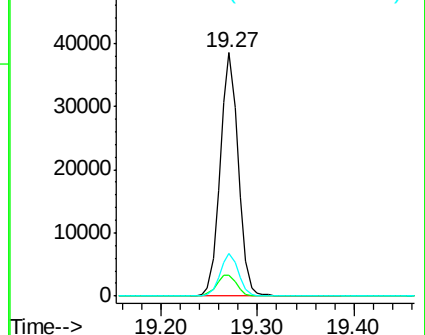
203 17.3 13.4 20.2



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: 21.39 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

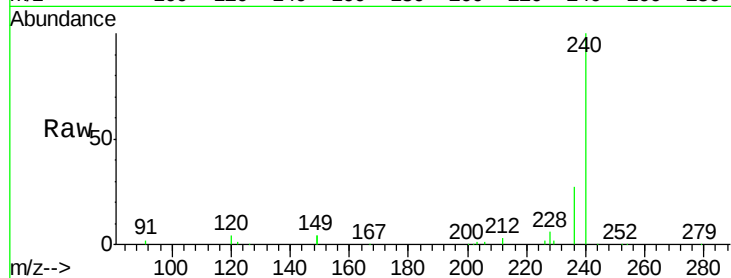
Tgt Ion:240 Resp: 47238

Ion Ratio Lower Upper

240 100

120 3.8 5.0 7.4#

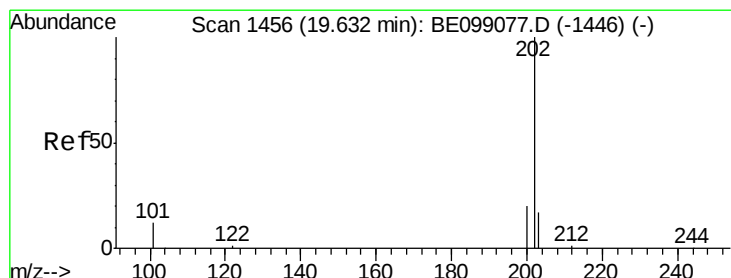
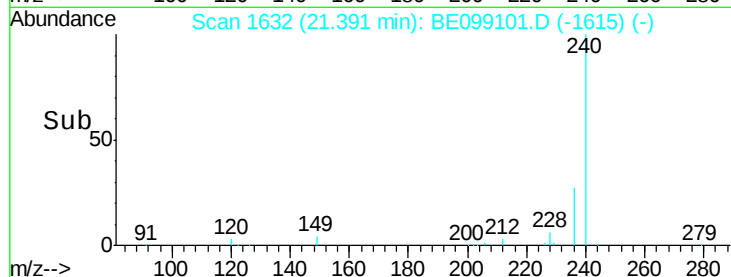
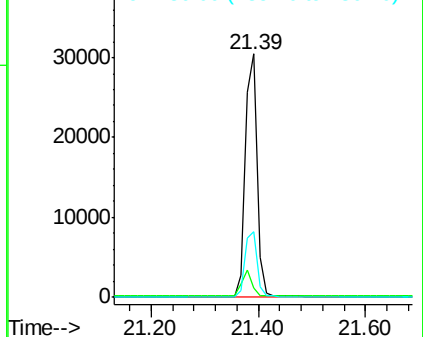
236 26.8 22.7 34.1



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: 0.321 ng

RT: 19.63 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

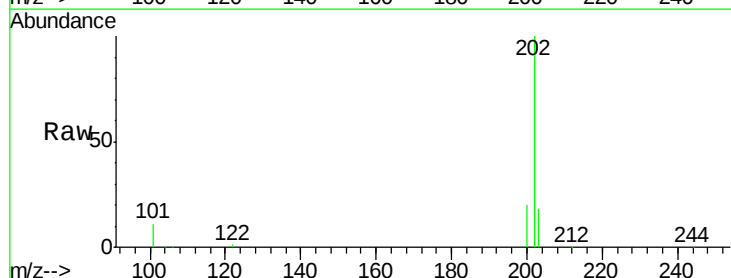
Tgt Ion:202 Resp: 51445

Ion Ratio Lower Upper

202 100

200 19.8 17.0 25.6

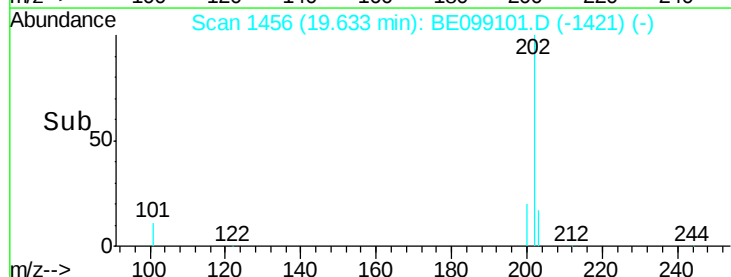
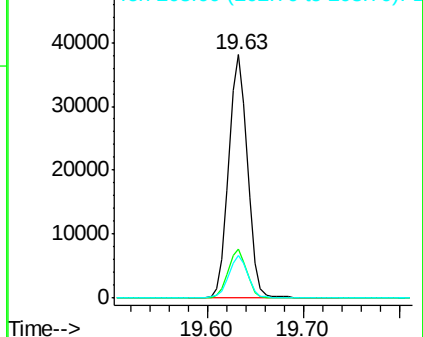
203 17.4 14.2 21.2

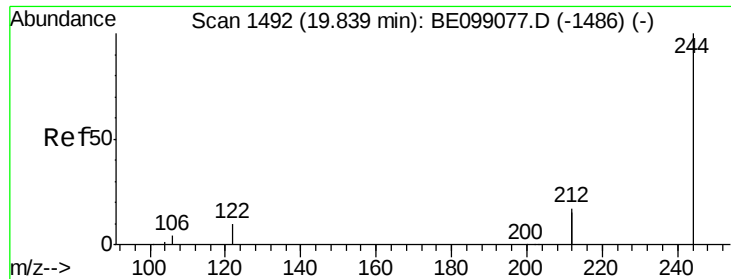


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.334 ng

RT: 19.84 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

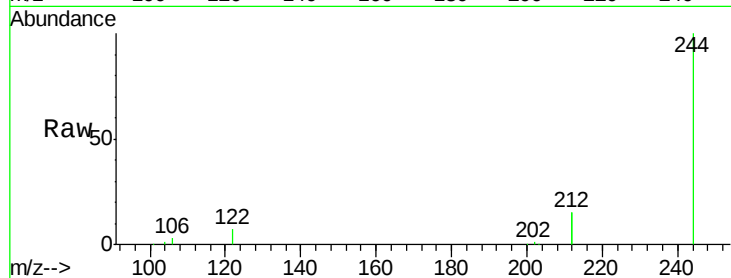
Tgt Ion:244 Resp: 33347

Ion Ratio Lower Upper

244 100

212 29.9 29.4 44.2

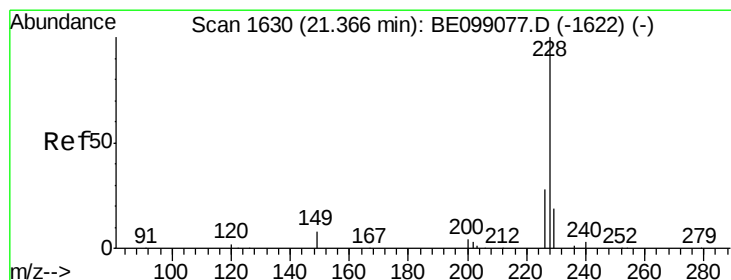
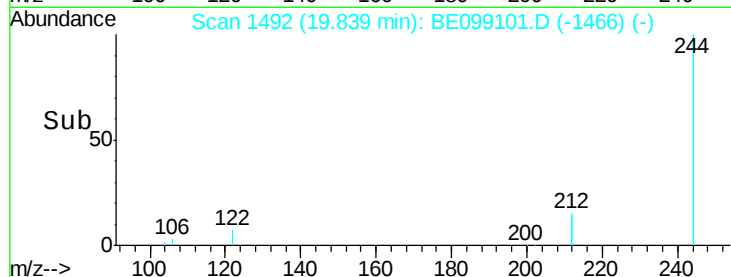
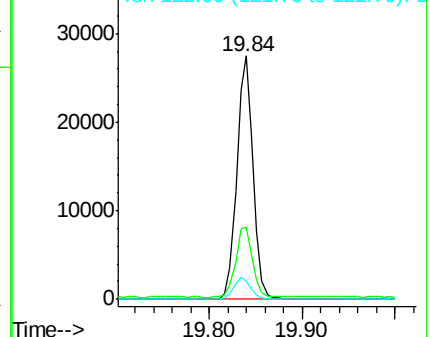
122 7.4 7.1 10.7



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: 0.306 ng

RT: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

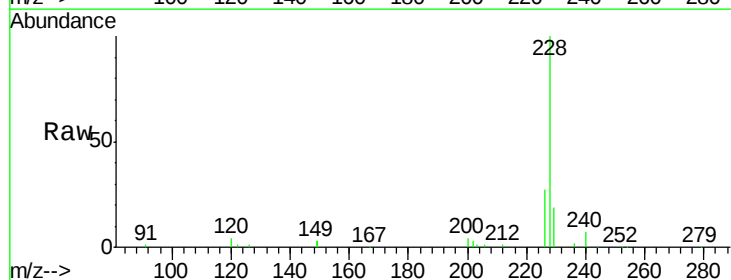
Tgt Ion:228 Resp: 50861

Ion Ratio Lower Upper

228 100

226 27.2 23.0 34.4

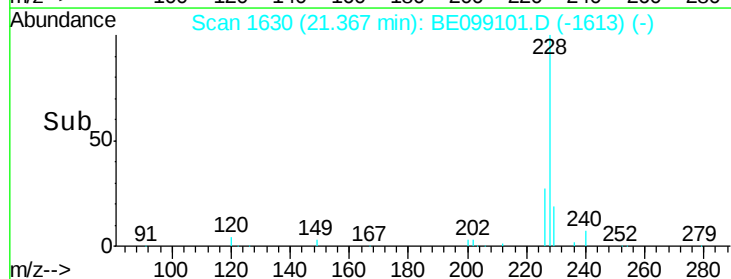
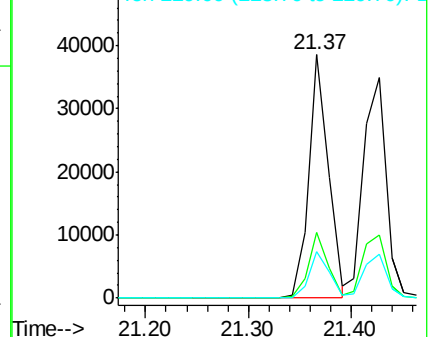
229 19.2 16.5 24.7

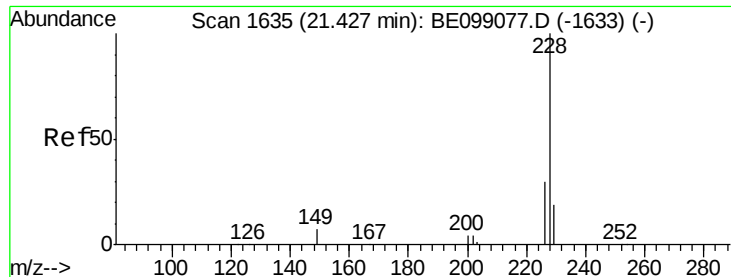


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.317 ng

RT: 21.43 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

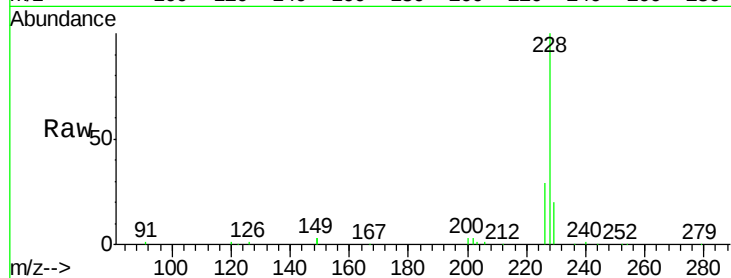
Tgt Ion:228 Resp: 52748

Ion Ratio Lower Upper

228 100

226 28.8 23.7 35.5

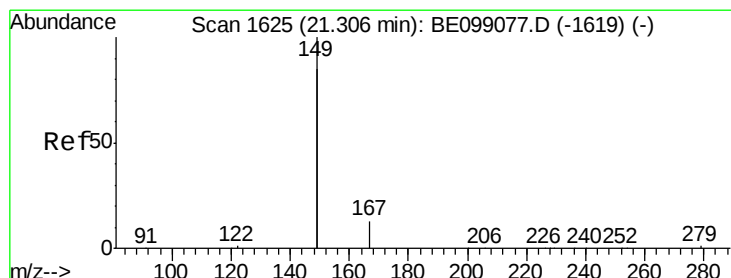
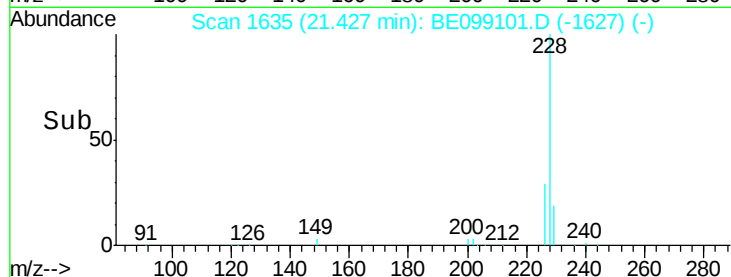
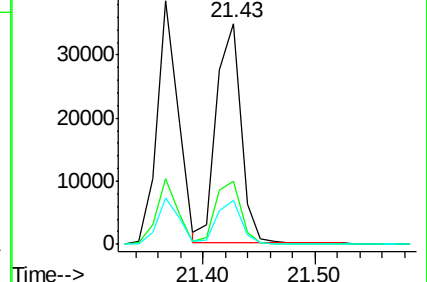
229 19.6 16.1 24.1



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: 0.354 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

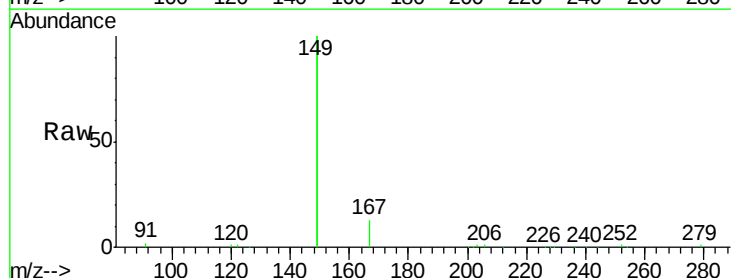
Tgt Ion:149 Resp: 76489

Ion Ratio Lower Upper

149 100

167 7.3 5.4 8.0

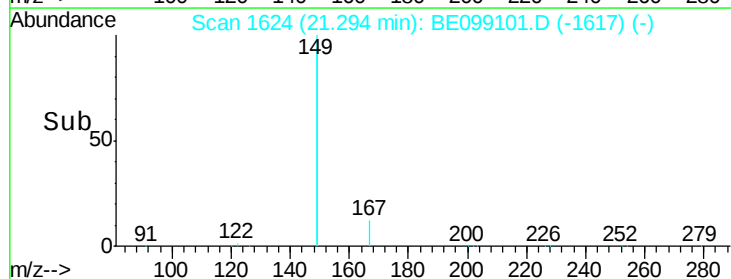
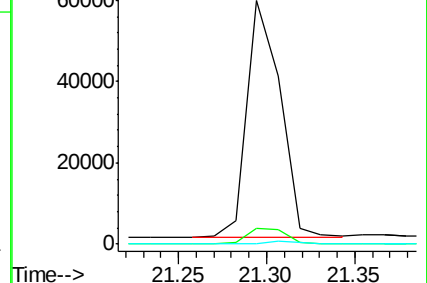
279 1.0 1.0 1.4

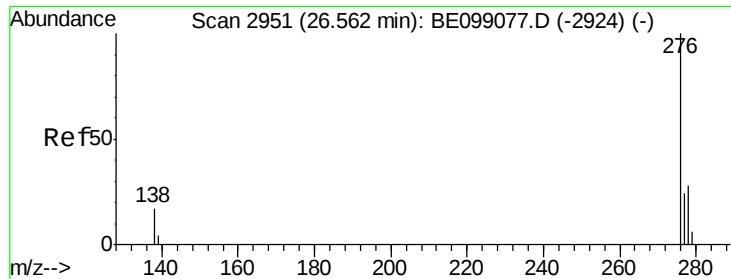


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

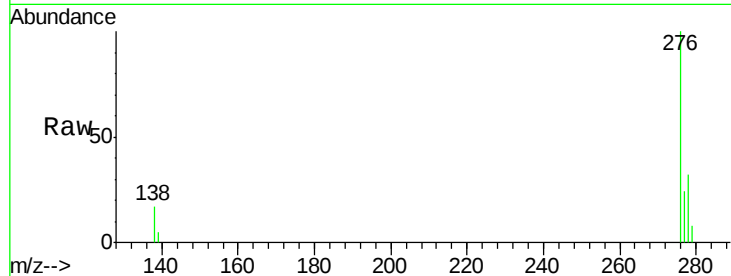




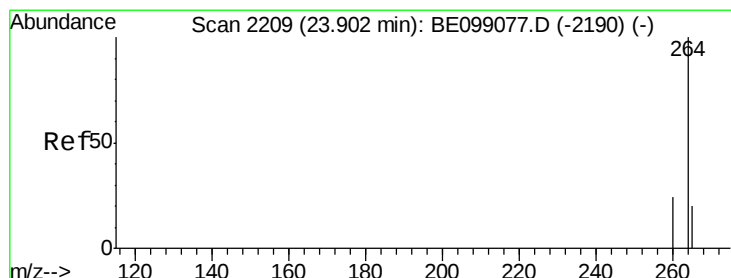
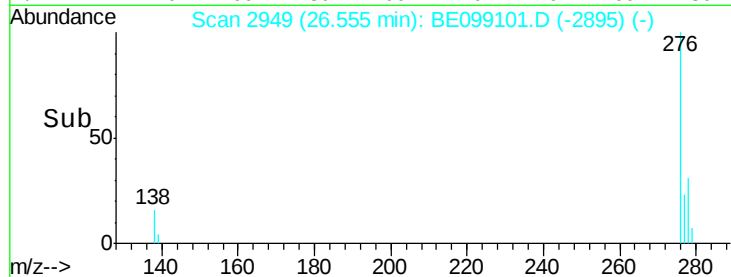
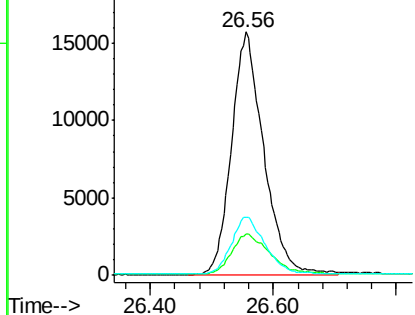
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.317 ng
 RT: 26.56 min Scan# 2949
 Delta R.T. -0.01 min
 Lab File: BE099101.D
 Acq: 23 Mar 2019 4:18

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 276 Resp: 56624
 Ion Ratio Lower Upper
 276 100
 138 19.0 13.8 20.8
 277 24.7 19.5 29.3

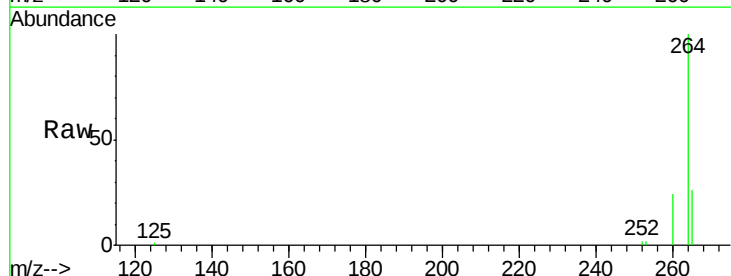


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

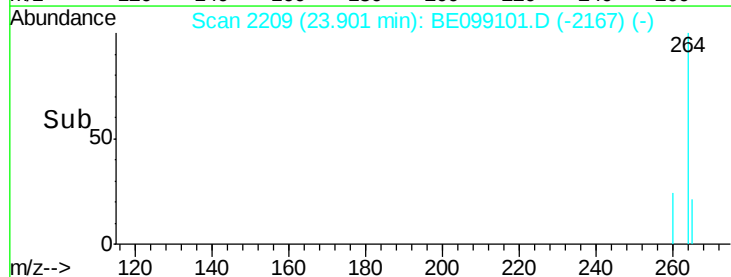
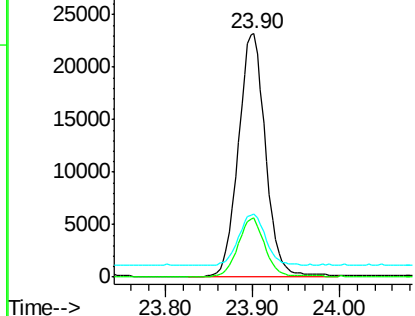


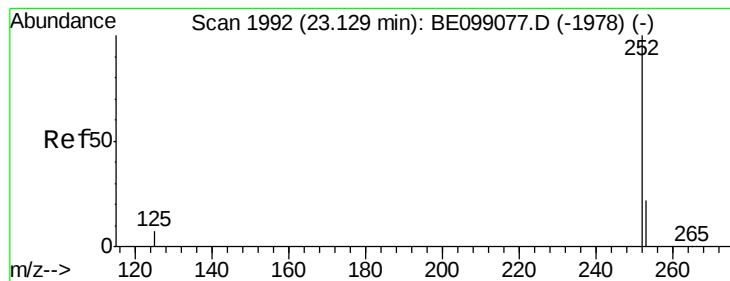
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BE099101.D
 Acq: 23 Mar 2019 4:18

Tgt Ion: 264 Resp: 49535
 Ion Ratio Lower Upper
 264 100
 260 24.1 21.2 31.8
 265 26.2 24.6 36.8



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: 0.296 ng

RT: 23.12 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

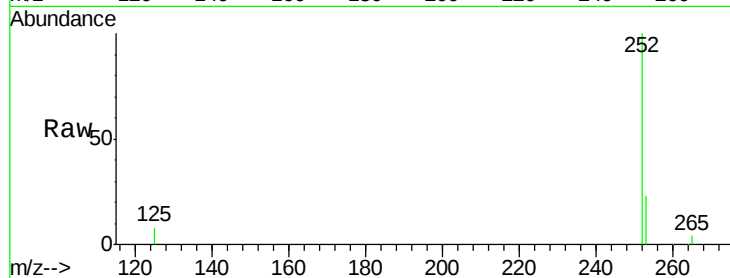
Tgt Ion:252 Resp: 50730

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

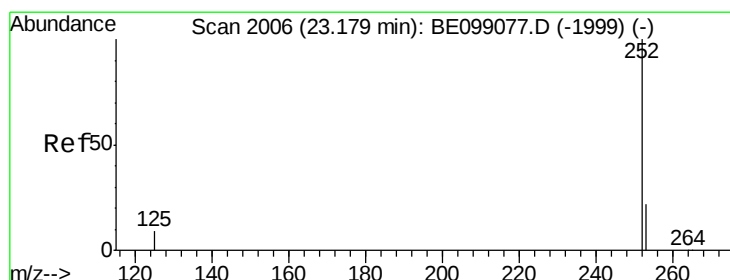
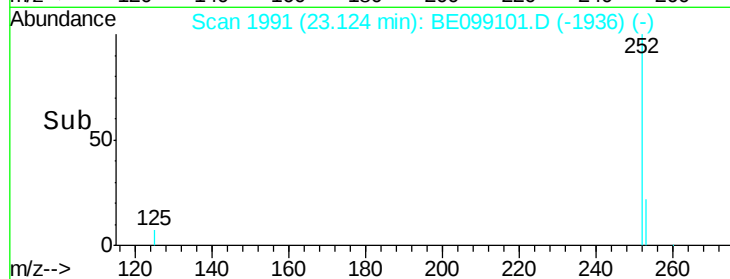
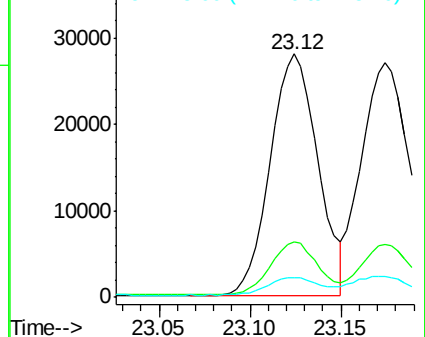
125 8.1 7.3 10.9



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: 0.300 ng

RT: 23.17 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

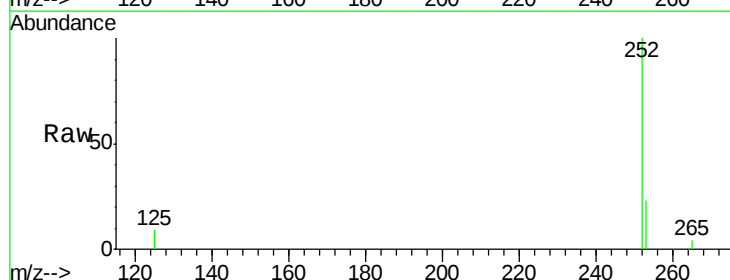
Tgt Ion:252 Resp: 50366

Ion Ratio Lower Upper

252 100

253 22.8 19.3 28.9

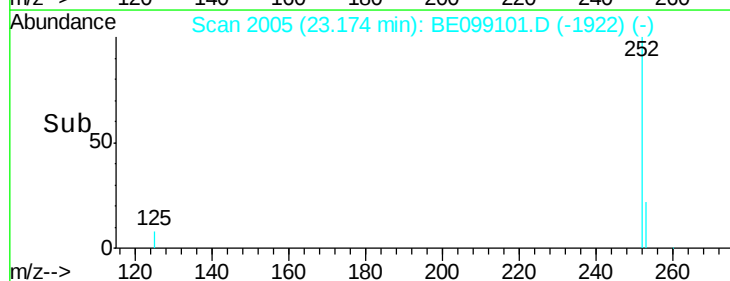
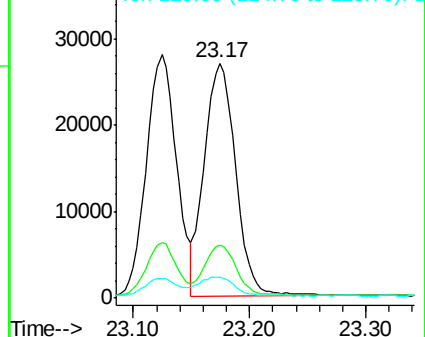
125 9.0 7.5 11.3



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: 0.298 ng

RT: 23.78 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

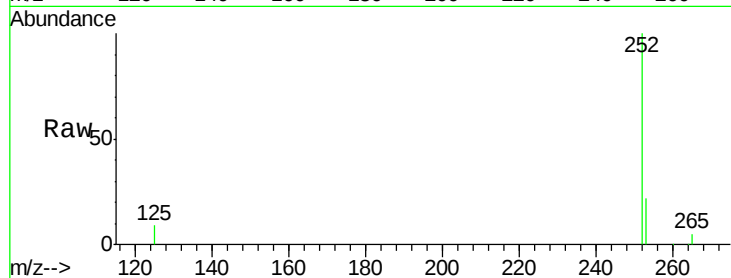
Tgt Ion:252 Resp: 47204

Ion Ratio Lower Upper

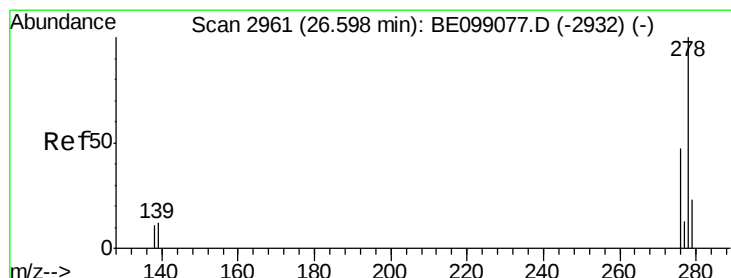
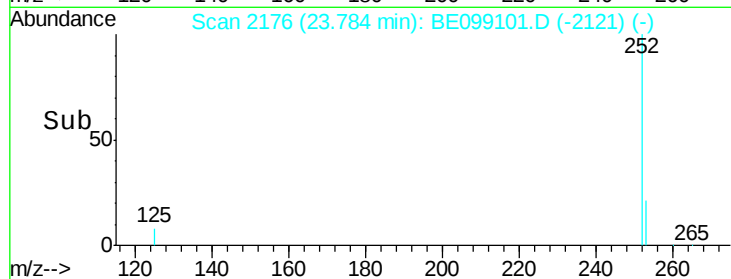
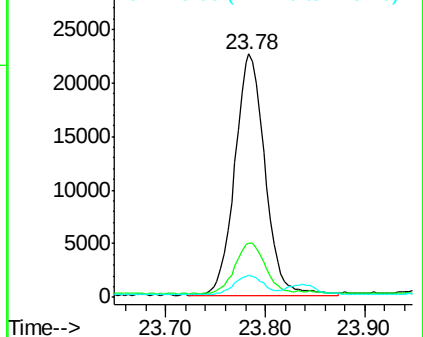
252 100

253 22.1 19.9 29.9

125 8.9 9.0 13.4#



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: 0.301 ng

RT: 26.58 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BE099101.D

Acq: 23 Mar 2019 4:18

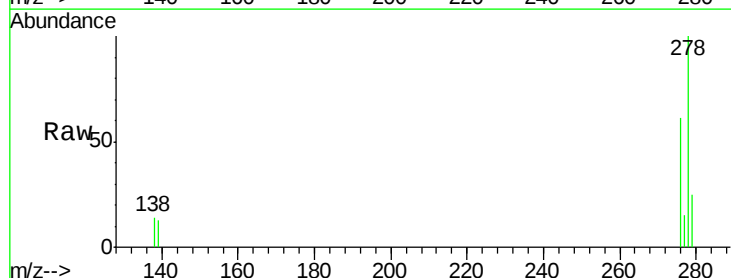
Tgt Ion:278 Resp: 46366

Ion Ratio Lower Upper

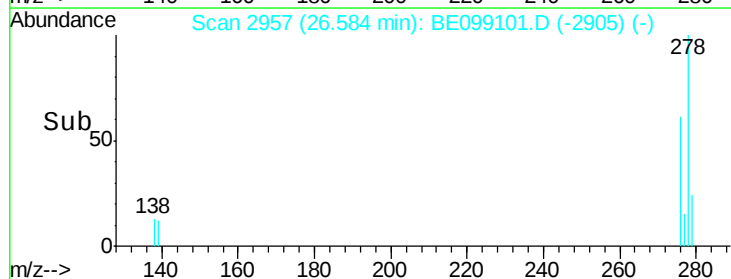
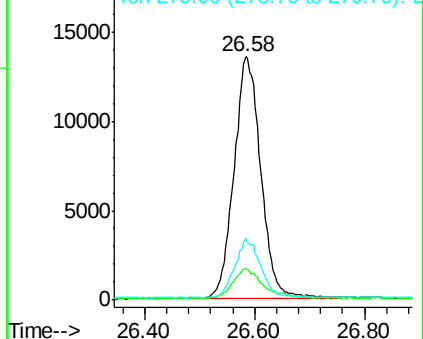
278 100

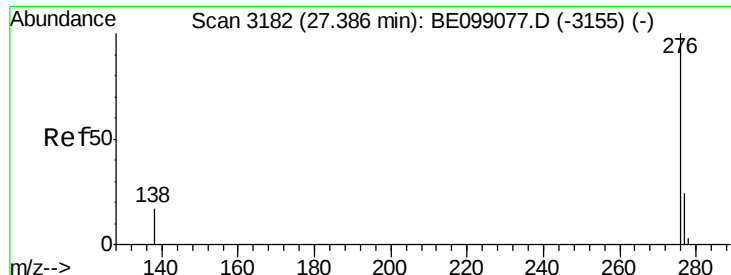
139 12.8 11.8 17.6

279 25.2 21.1 31.7



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(g,h,i)perylene

Concen: 0.297 ng

RT: 27.38 min Scan# 3179

Delta R.T. -0.01 min

Lab File: BE099101.D

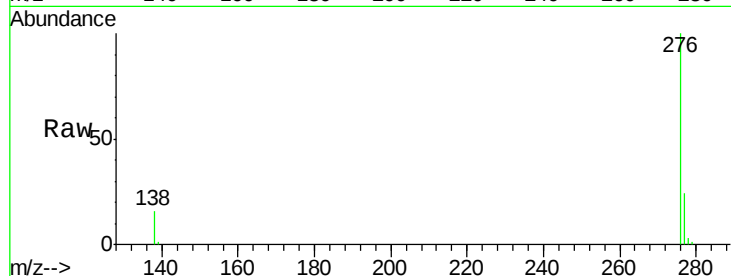
Acq: 23 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 47062

Ion Ratio Lower Upper

276 100

277 23.7 20.4 30.6

138 16.0 13.6 20.4

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

