

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
 Data File : BE099103.D
 Acq On : 23 Mar 2019 9:30
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 23 22:34:47 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	3498	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	15416	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	12104	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	34160	0.40	ng	0.00
27) Chrysene-d12	21.38	240	37145	0.40	ng	-0.01
34) Perylene-d12	23.90	264	37078	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	4860	0.47	ng	0.00
5) Phenol-d6	6.99	99	7308	0.49	ng	0.00
8) Nitrobenzene-d5	8.99	82	4867	0.72	ng	-0.01
11) 2-Methylnaphthalene-d10	12.22	152	12700	0.46	ng	-0.02
14) 2,4,6-Tribromophenol	15.96	330	2278	0.64	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	20938	0.43	ng	-0.02
25) Fluoranthene-d10	19.24	212	169846	0.37	ng	0.00
29) Terphenyl-d14	19.84	244	36999	0.47	ng	0.00

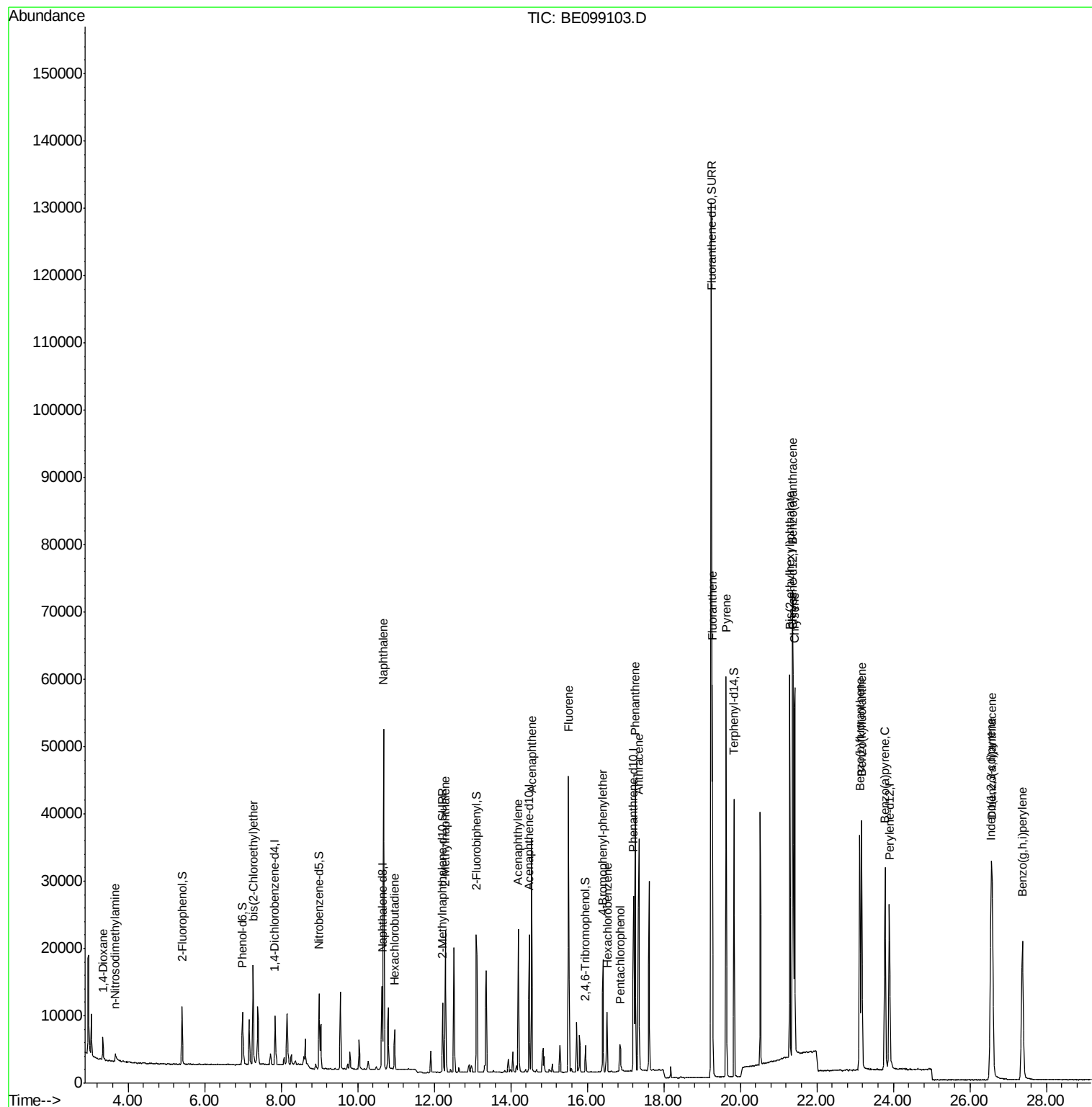
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	2681	0.494	ng	90
3) n-Nitrosodimethylamine	3.67	42	1032	0.369	ng	# 100
6) bis(2-Chloroethyl)ether	7.27	93	5757	0.472	ng	# 85
9) Naphthalene	10.68	128	80058	0.441	ng	99
10) Hexachlorobutadiene	10.96	225	4037	0.454	ng	97
12) 2-Methylnaphthalene	12.30	142	14420	0.463	ng	95
16) Acenaphthylene	14.20	152	26169	0.405	ng	97
17) Acenaphthene	14.54	154	16338	0.426	ng	99
18) Fluorene	15.51	166	23716	0.424	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	8642	0.457	ng	# 67
21) Hexachlorobenzene	16.52	284	8277	0.471	ng	94
22) Pentachlorophenol	16.87	266	2515	0.601	ng	# 77
23) Phenanthrene	17.25	178	43506	0.429	ng	99
24) Anthracene	17.35	178	38845	0.405	ng	100
26) Fluoranthene	19.27	202	52989	0.371	ng	99
28) Pyrene	19.63	202	53644	0.426	ng	98
30) Benzo(a)anthracene	21.37	228	52897	0.404	ng	98
31) Chrysene	21.43	228	56013	0.428	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	59845	0.352	ng	99
33) Indeno(1,2,3-cd)pyrene	26.55	276	58694	0.418	ng	99
35) Benzo(b)fluoranthene	23.12	252	53295	0.416	ng	97
36) Benzo(k)fluoranthene	23.17	252	51618	0.411	ng	96
37) Benzo(a)pyrene	23.78	252	48042	0.405	ng	# 95
38) Dibenzo(a,h)anthracene	26.58	278	47940	0.416	ng	95
39) Benzo(g,h,i)perylene	27.37	276	49485	0.418	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: BE099103.D

Acq: 23 Mar 2019 9:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

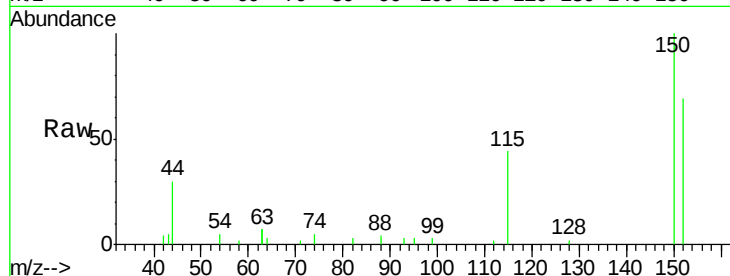
Tgt Ion:152 Resp: 3498

Ion Ratio Lower Upper

152 100

150 144.1 122.5 183.7

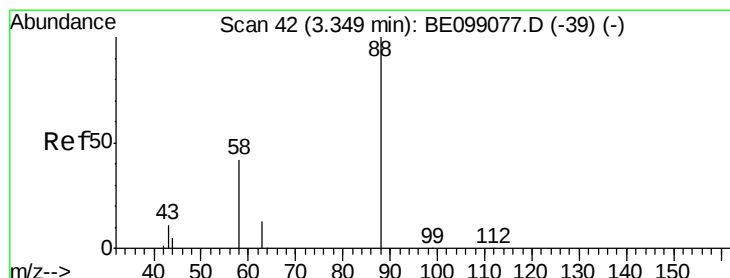
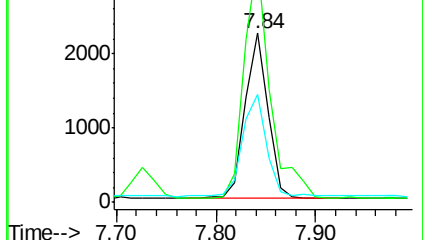
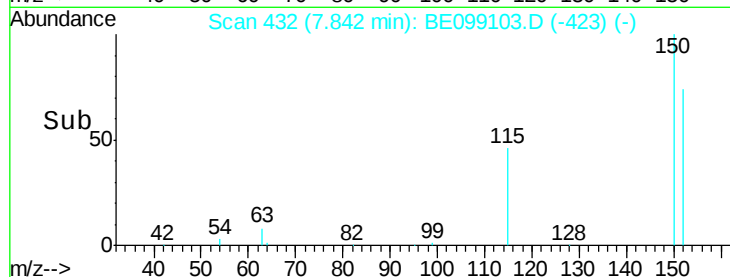
115 63.6 57.4 86.2



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: 0.494 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.01 min

Lab File: BE099103.D

Acq: 23 Mar 2019 9:30

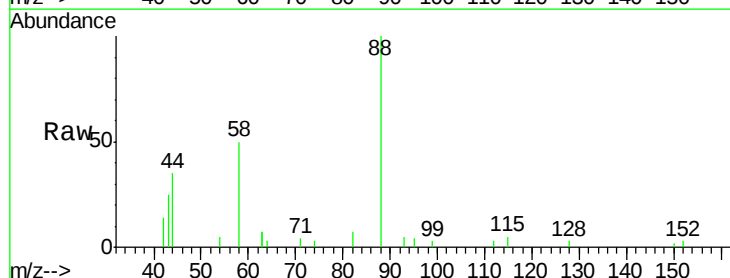
Tgt Ion: 88 Resp: 2681

Ion Ratio Lower Upper

88 100

58 57.0 52.0 78.0

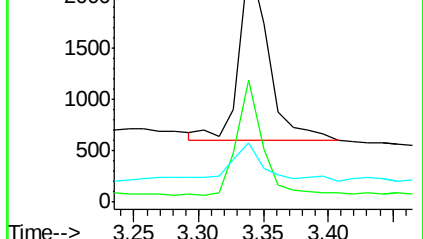
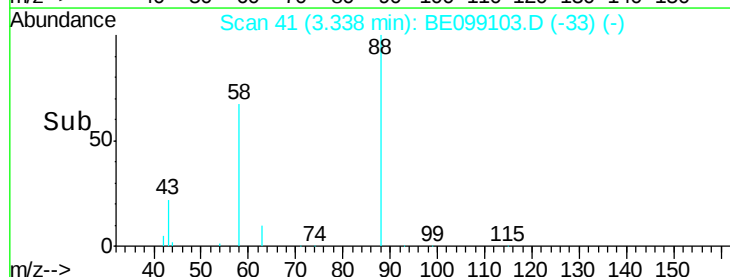
43 24.7 24.0 36.0

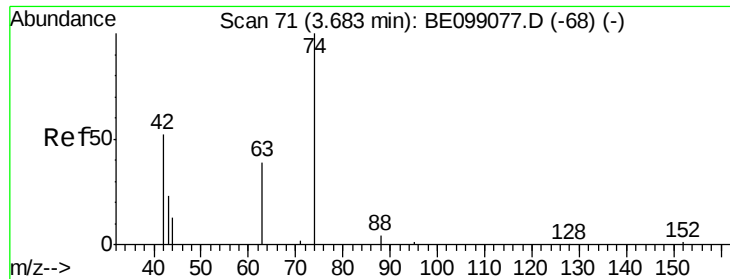


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.369 ng

RT: 3.67 min Scan# 70

Delta R.T. -0.01 min

Lab File: BE099103.D

Acq: 23 Mar 2019 9:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

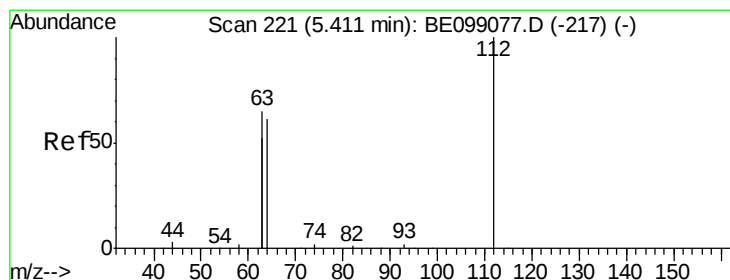
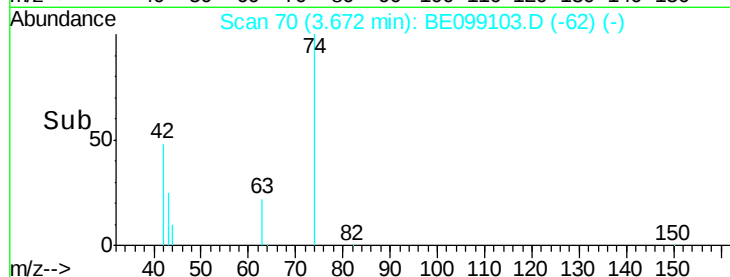
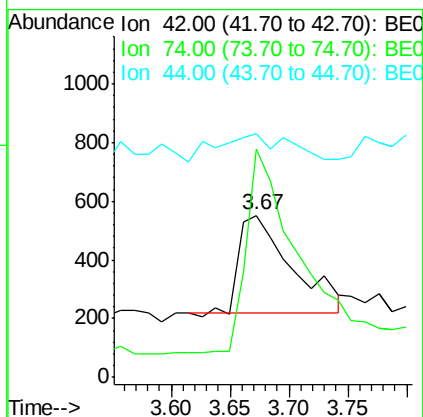
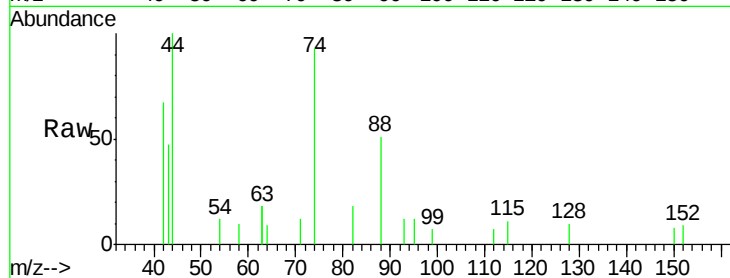
Tgt Ion: 42 Resp: 1032

Ion Ratio Lower Upper

42 100

74 199.6 160.0 240.0

44 39.6 0.0 0.0#



#4

2-Fluorophenol

Concen: 0.467 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.00 min

Lab File: BE099103.D

Acq: 23 Mar 2019 9:30

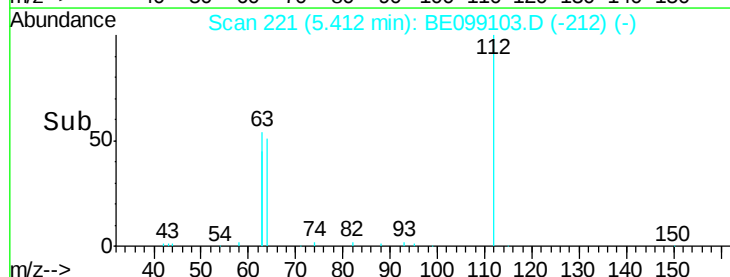
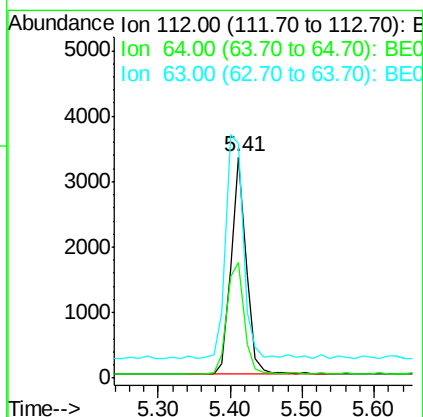
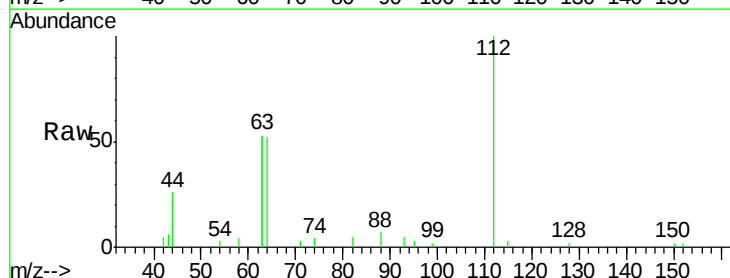
Tgt Ion: 112 Resp: 4860

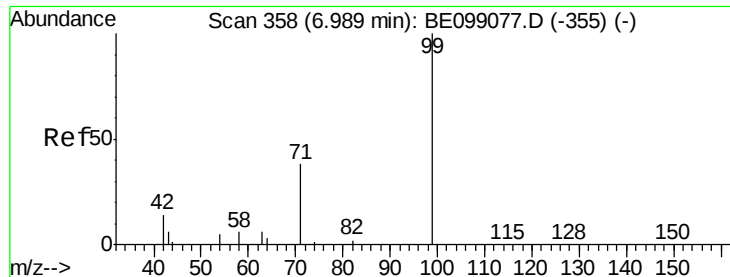
Ion Ratio Lower Upper

112 100

64 57.5 57.9 86.9#

63 120.4 158.3 237.5#





#5

Phenol-d6

Concen: 0.487 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099103.D

Acq: 23 Mar 2019 9:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

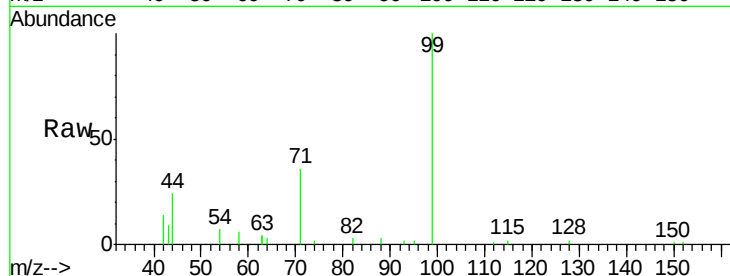
Tgt Ion: 99 Resp: 7308

Ion Ratio Lower Upper

99 100

42 14.4 24.2 36.2#

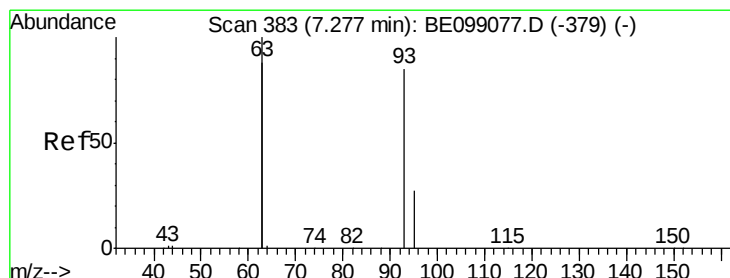
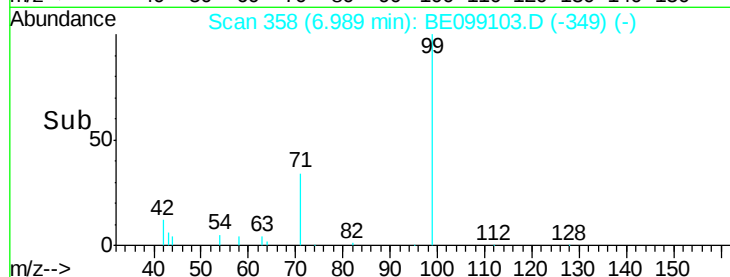
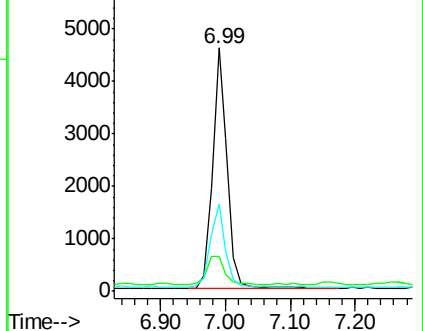
71 35.4 35.7 53.5#



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: 0.472 ng

RT: 7.27 min Scan# 382

Delta R.T. -0.01 min

Lab File: BE099103.D

Acq: 23 Mar 2019 9:30

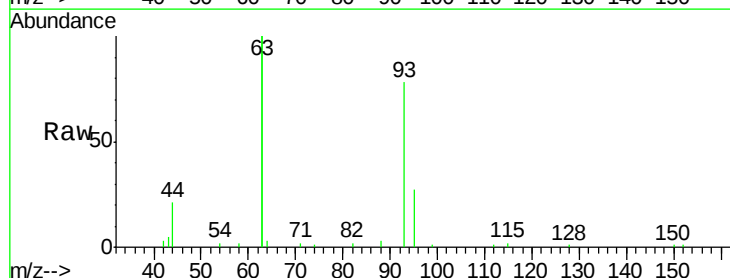
Tgt Ion: 93 Resp: 5757

Ion Ratio Lower Upper

93 100

63 278.3 247.5 371.3

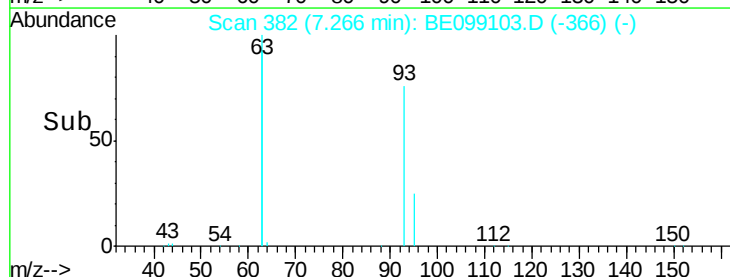
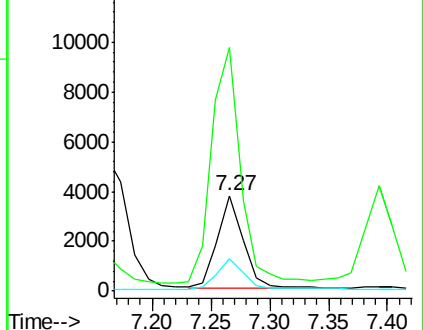
95 34.1 21.8 32.8#

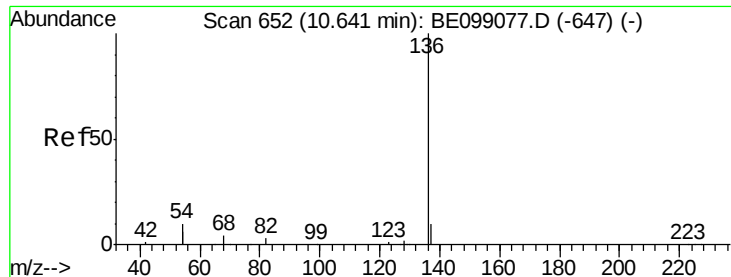


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099103.D

Acq: 23 Mar 2019 9:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 15416

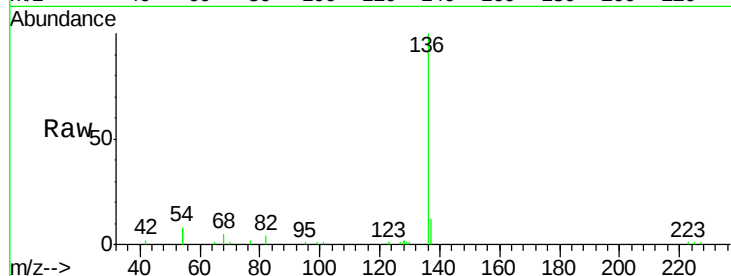
Ion Ratio Lower Upper

136 100

137 12.1 11.4 17.0

54 15.8 39.3 58.9#

68 4.9 6.7 10.1#

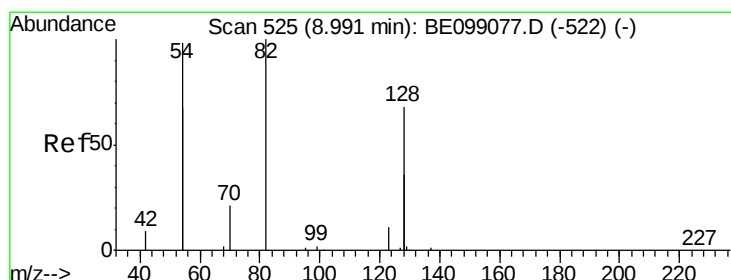
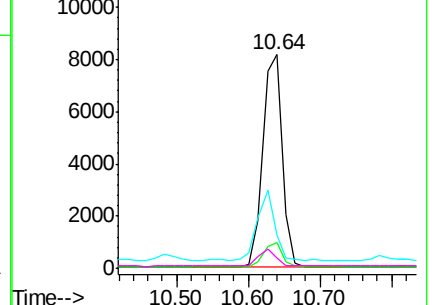
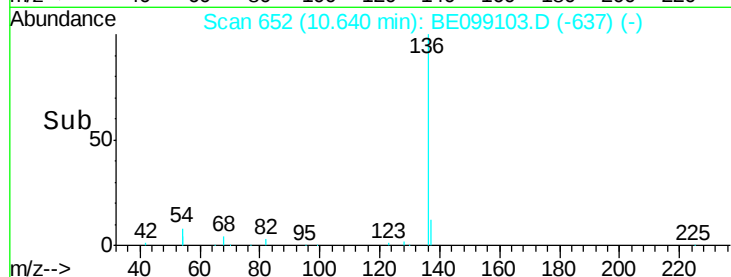


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.722 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.01 min

Lab File: BE099103.D

Acq: 23 Mar 2019 9:30

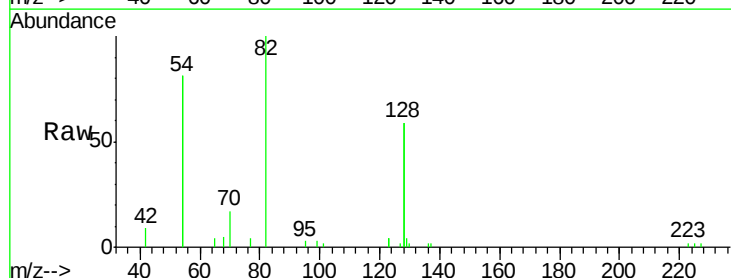
Tgt Ion: 82 Resp: 4867

Ion Ratio Lower Upper

82 100

128 118.0 123.8 185.8#

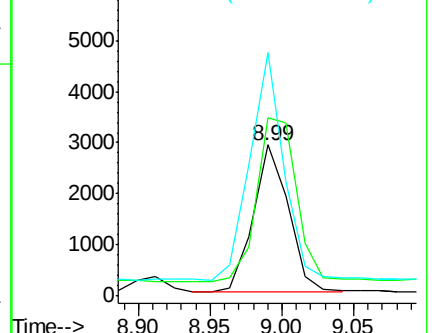
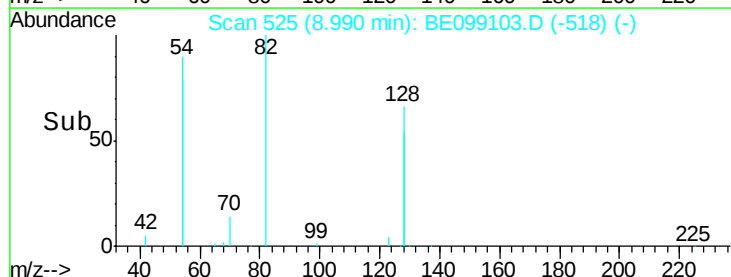
54 161.2 203.4 305.2#

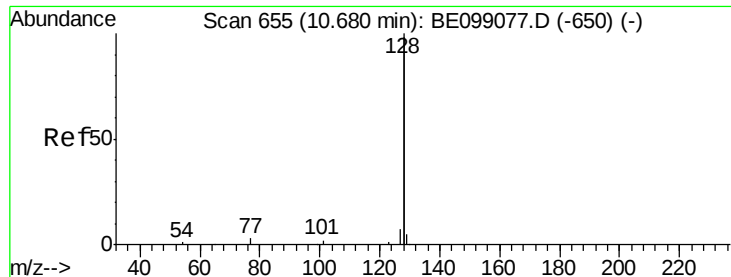


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.441 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE099103.D

Acq: 23 Mar 2019 9:30

Instrument :

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ClientSampleId :

SSTDCCC0.4

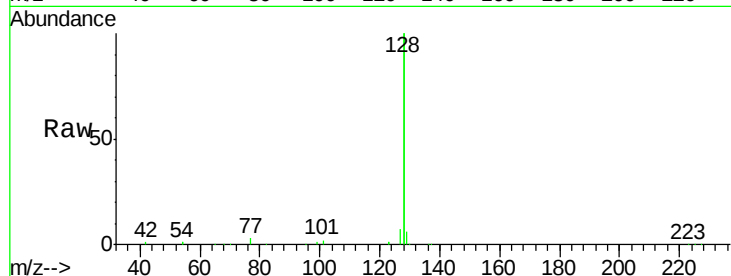
Tgt Ion:128 Resp: 80058

Ion Ratio Lower Upper

128 100

129 2.9 2.6 4.0

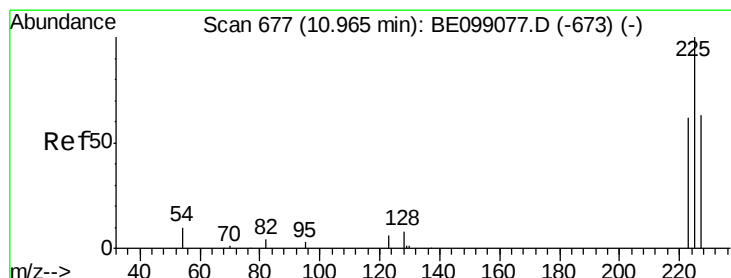
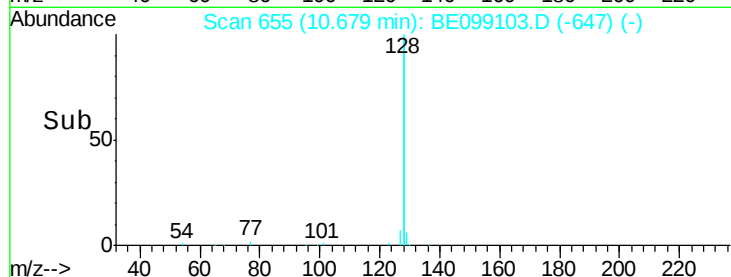
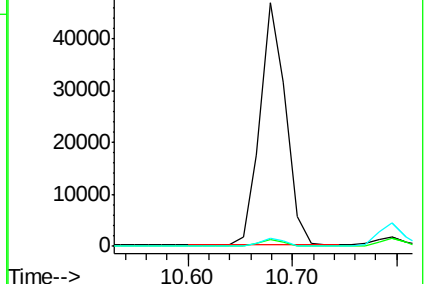
127 3.5 3.1 4.7



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: 0.454 ng

RT: 10.96 min Scan# 677

Delta R.T. -0.00 min

Lab File: BE099103.D

Acq: 23 Mar 2019 9:30

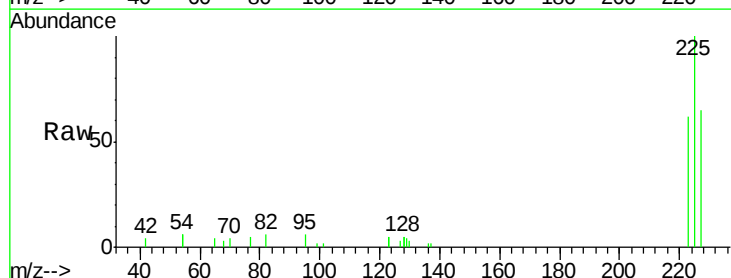
Tgt Ion:225 Resp: 4037

Ion Ratio Lower Upper

225 100

223 62.1 51.1 76.7

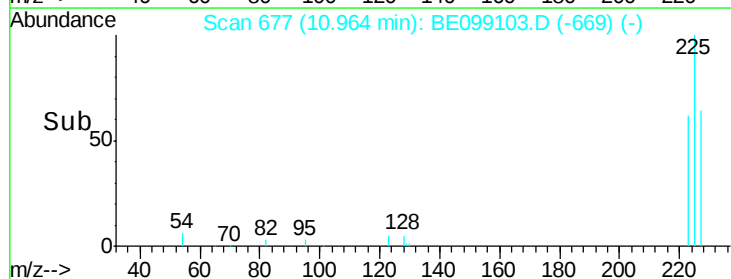
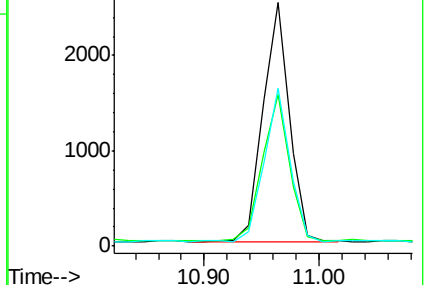
227 62.2 51.6 77.4

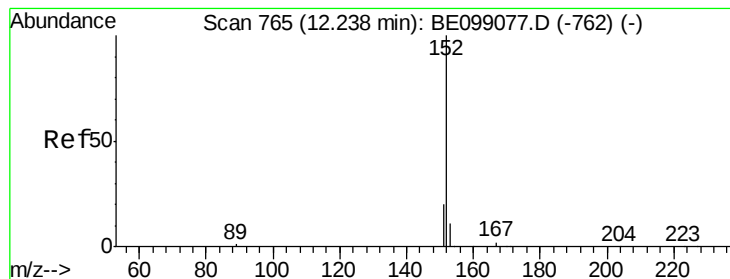


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.457 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.02 min

Lab File: BE099103.D

Acq: 23 Mar 2019 9:30

Instrument :

BNA_E

ClientSampleId :

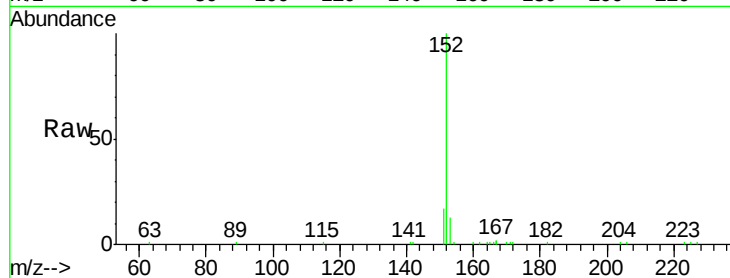
SSTDCCC0.4

Tgt Ion:152 Resp: 12700

Ion Ratio Lower Upper

152 100

151 19.3 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

8000

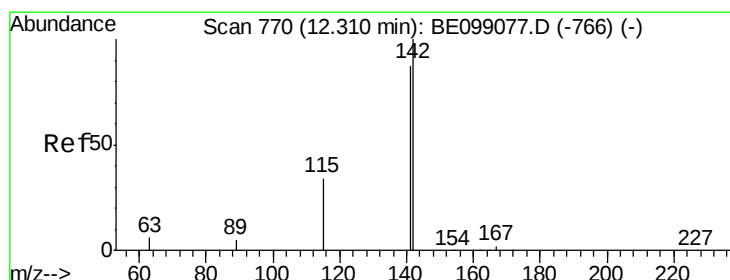
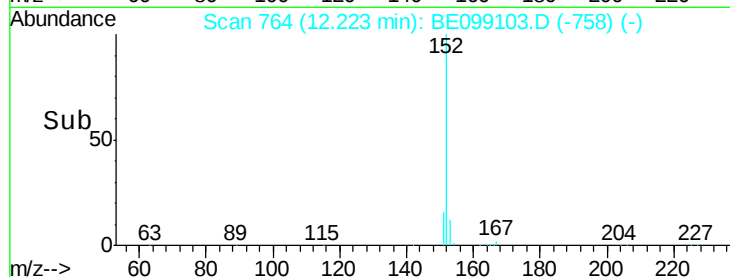
6000

4000

2000

0

Time--> 12.20 12.30



#12

2-Methylnaphthalene

Concen: 0.463 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.02 min

Lab File: BE099103.D

Acq: 23 Mar 2019 9:30

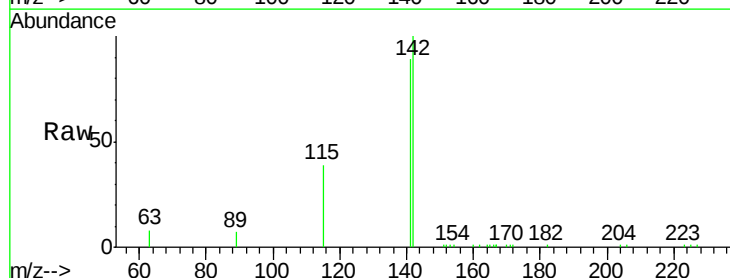
Tgt Ion:142 Resp: 14420

Ion Ratio Lower Upper

142 100

141 89.4 72.6 108.8

115 38.9 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

12000

10000

8000

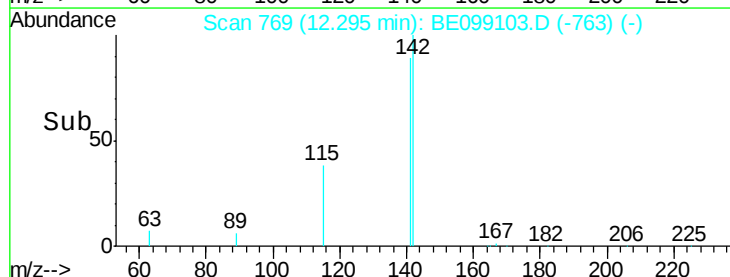
6000

4000

2000

0

Time--> 12.20 12.30 12.40

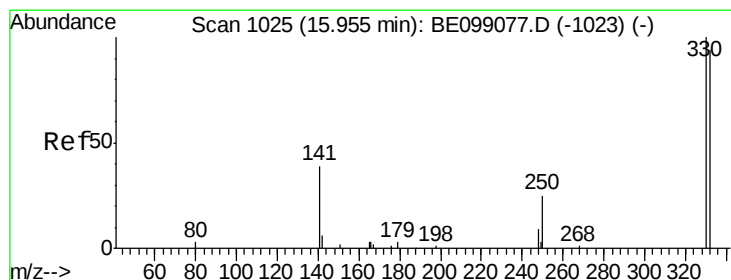
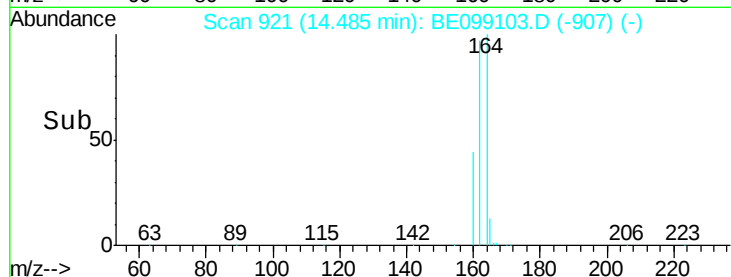
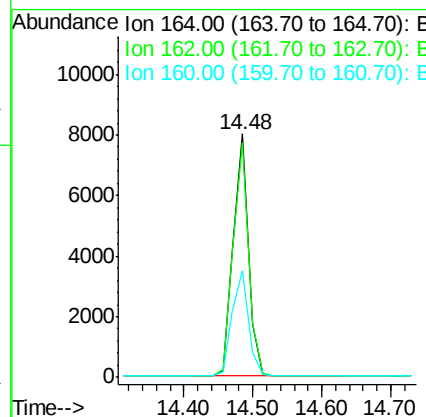
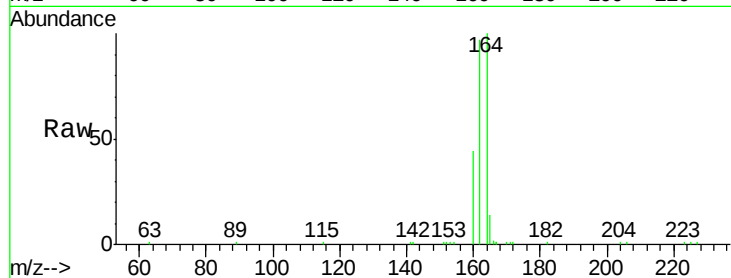




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

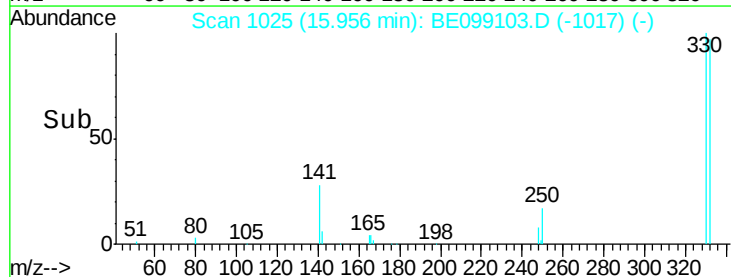
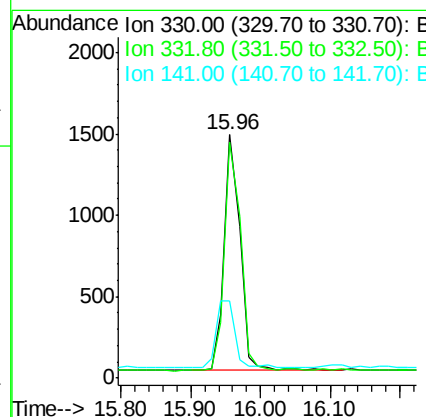
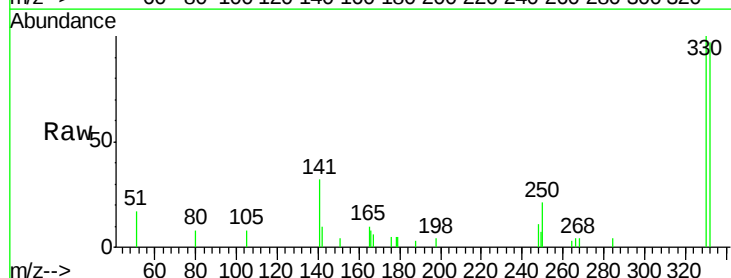
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

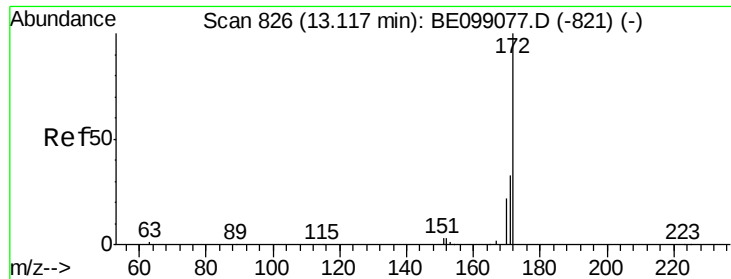
Tgt Ion:164 Resp: 12104
Ion Ratio Lower Upper
164 100
162 96.6 80.2 120.2
160 44.0 37.8 56.8



#14
2,4,6-Tribromophenol
Concen: 0.640 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Tgt Ion:330 Resp: 2278
Ion Ratio Lower Upper
330 100
332 99.7 77.6 116.4
141 33.9 31.0 46.4

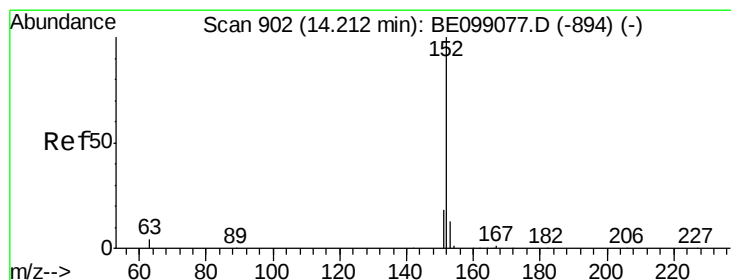
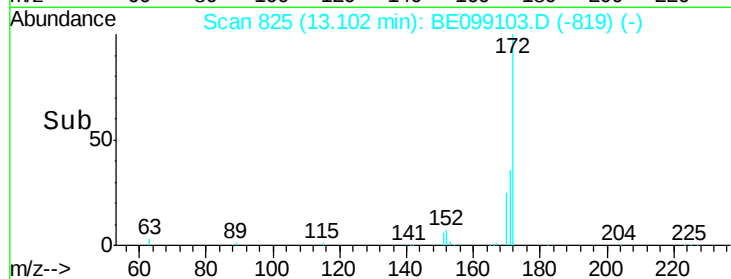
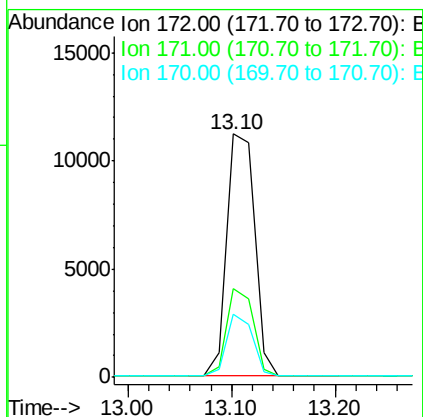
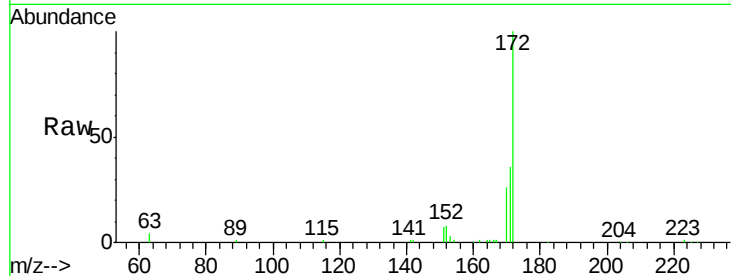




#15
2-Fluorobiphenyl
Concen: 0.435 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.02 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

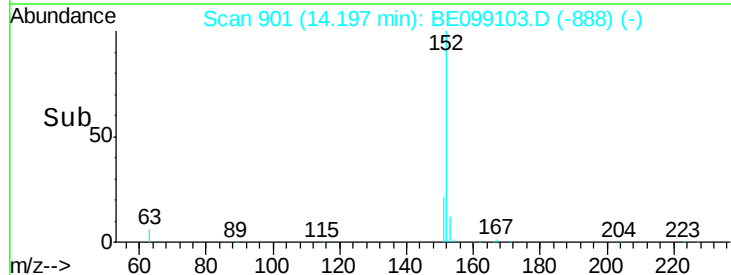
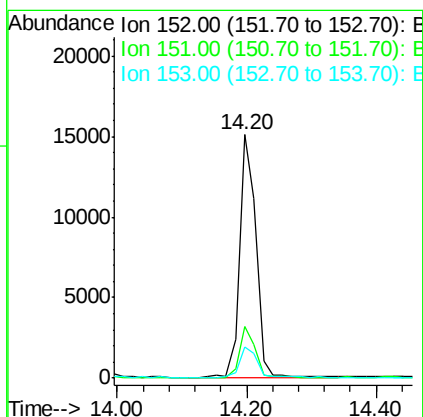
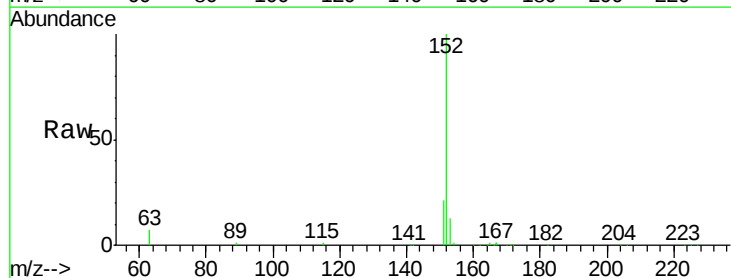
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

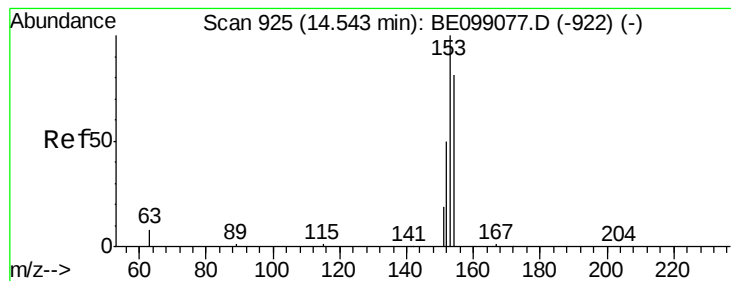
Tgt Ion:172 Resp: 20938
Ion Ratio Lower Upper
172 100
171 36.2 28.0 42.0
170 25.7 17.7 26.5



#16
Acenaphthylene
Concen: 0.405 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.02 min
Lab File: BE099103.D
Acq: 23 Mar 2019 9:30

Tgt Ion:152 Resp: 26169
Ion Ratio Lower Upper
152 100
151 19.5 17.0 25.6
153 13.1 11.2 16.8





#17

Acenaphthene

Concen: 0.426 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099103.D

Acq: 23 Mar 2019 9:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

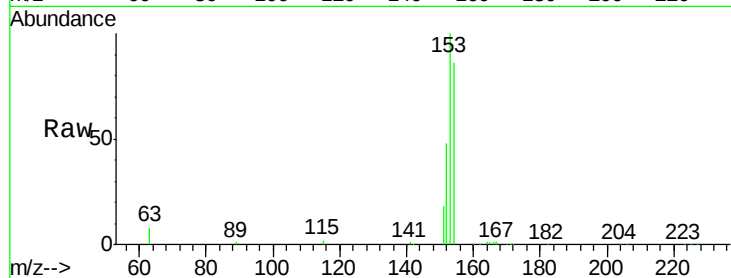
Tgt Ion:154 Resp: 16338

Ion Ratio Lower Upper

154 100

153 115.9 94.2 141.4

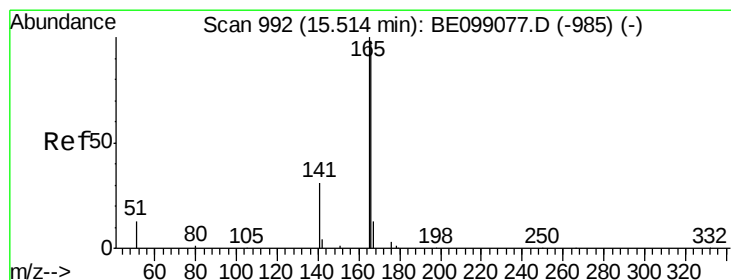
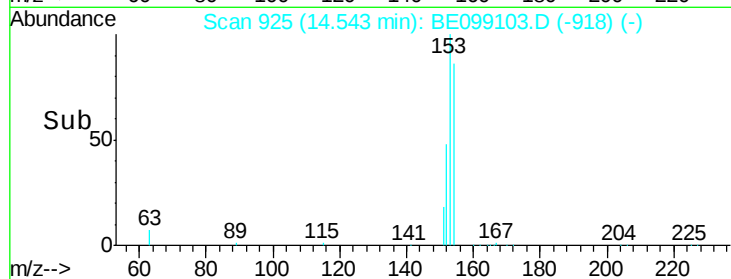
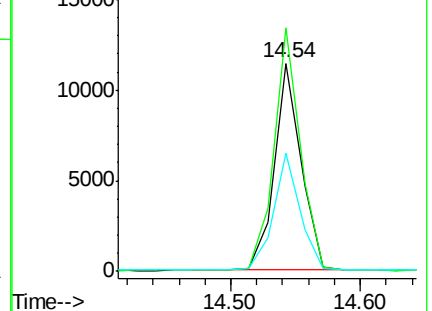
152 56.0 45.0 67.4



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: 0.424 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE099103.D

Acq: 23 Mar 2019 9:30

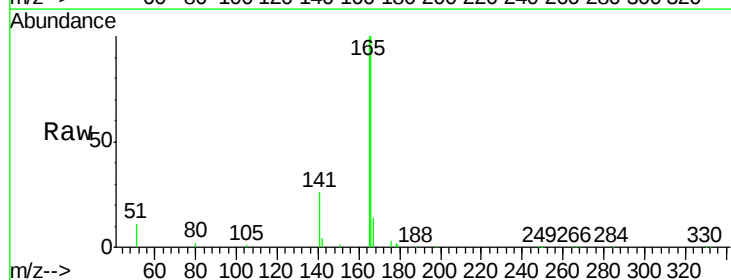
Tgt Ion:166 Resp: 23716

Ion Ratio Lower Upper

166 100

165 100.2 79.3 118.9

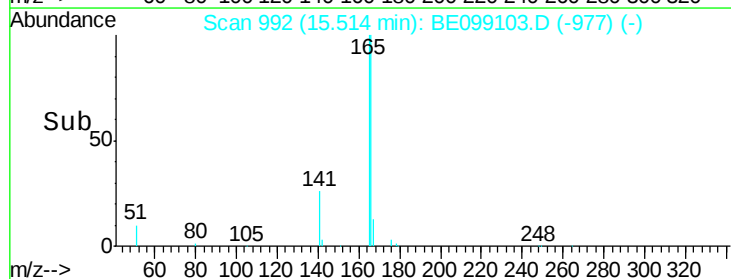
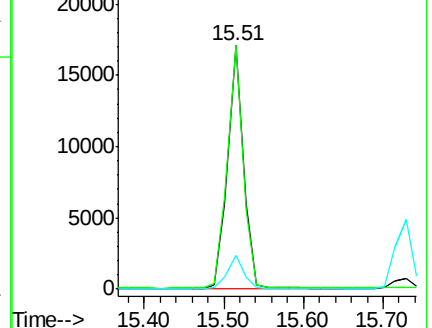
167 13.4 10.5 15.7

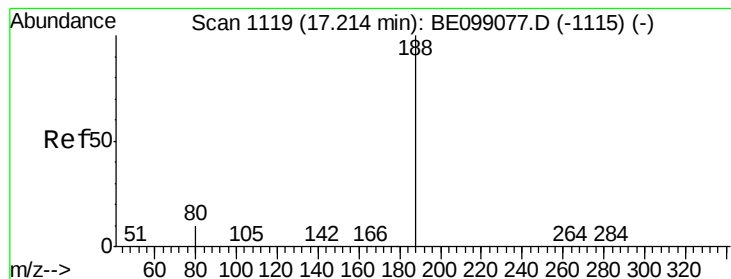


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099103.D

Acq: 23 Mar 2019 9:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

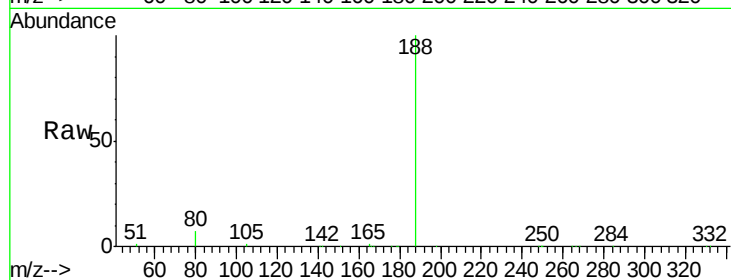
Tgt Ion:188 Resp: 34160

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

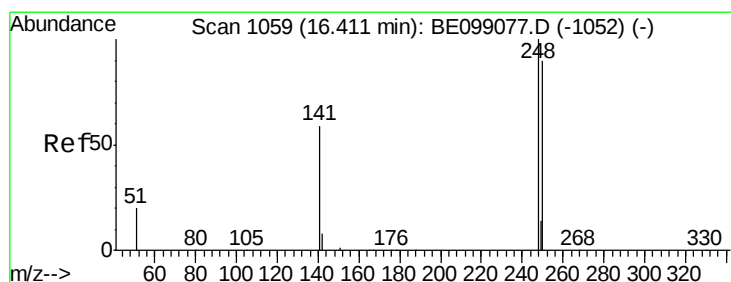
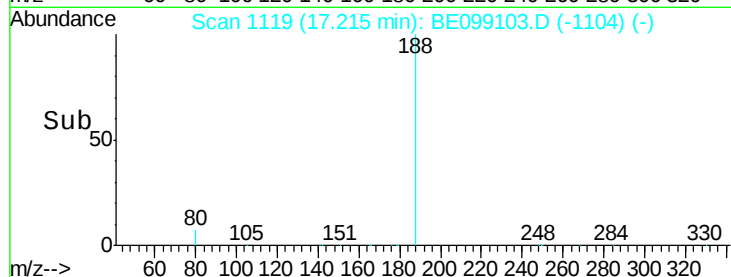
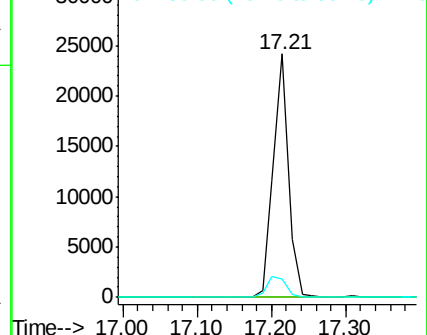
80 7.4 6.3 9.5



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: 0.457 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099103.D

Acq: 23 Mar 2019 9:30

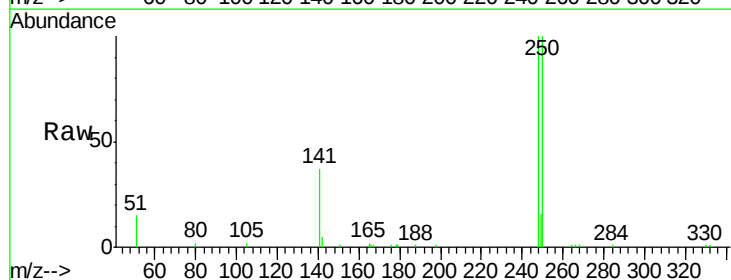
Tgt Ion:248 Resp: 8642

Ion Ratio Lower Upper

248 100

250 99.5 70.6 105.8

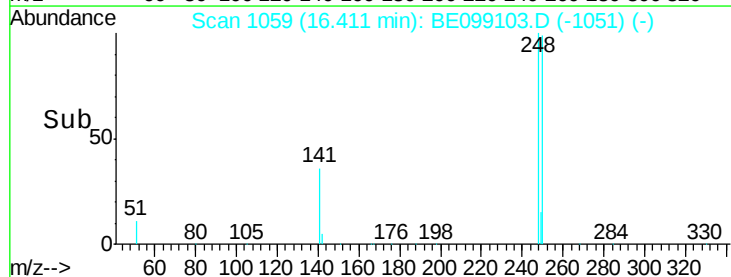
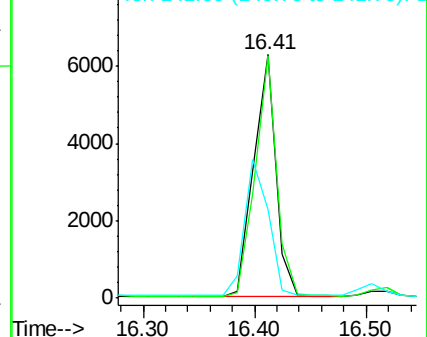
141 36.6 68.6 102.8#

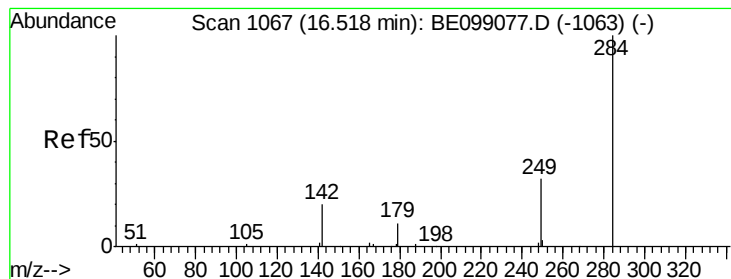


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.471 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099103.D

Acq: 23 Mar 2019 9:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

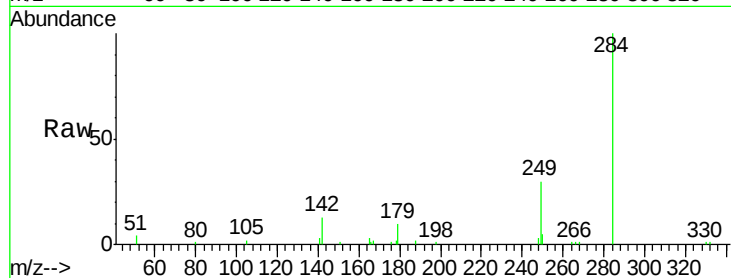
Tgt Ion:284 Resp: 8277

Ion Ratio Lower Upper

284 100

142 31.6 28.7 43.1

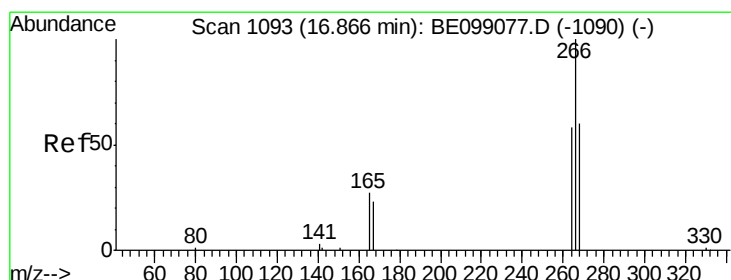
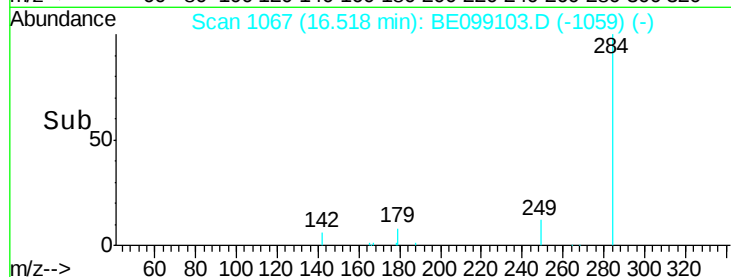
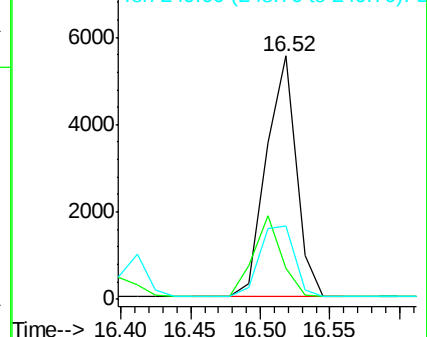
249 34.3 29.6 44.4



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: 0.601 ng

RT: 16.87 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE099103.D

Acq: 23 Mar 2019 9:30

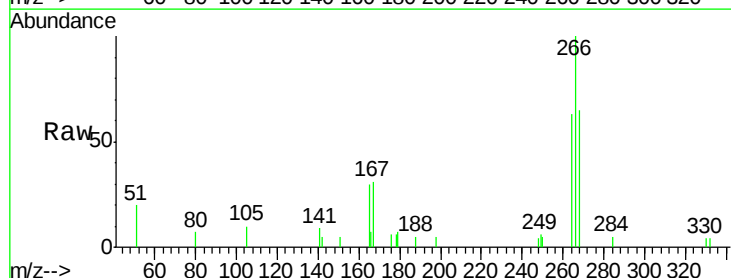
Tgt Ion:266 Resp: 2515

Ion Ratio Lower Upper

266 100

264 62.5 66.6 100.0#

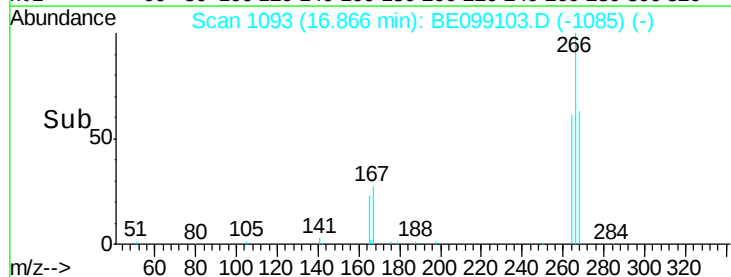
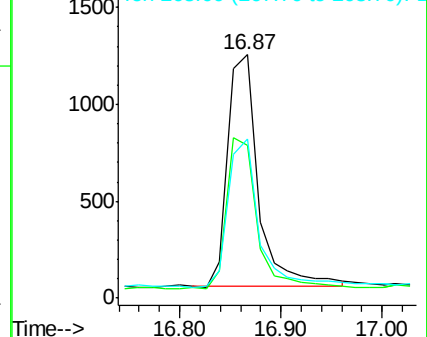
268 65.4 69.8 104.8#

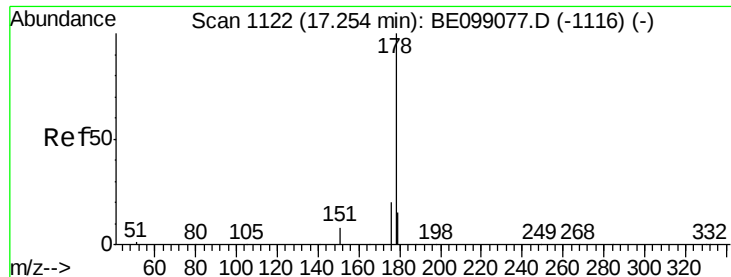


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.429 ng

RT: 17.25 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099103.D

Acq: 23 Mar 2019 9:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

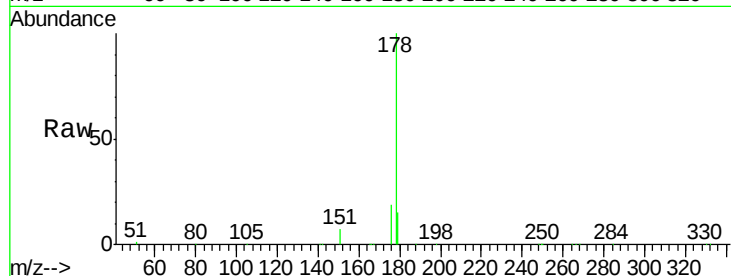
Tgt Ion:178 Resp: 43506

Ion Ratio Lower Upper

178 100

176 19.3 16.0 24.0

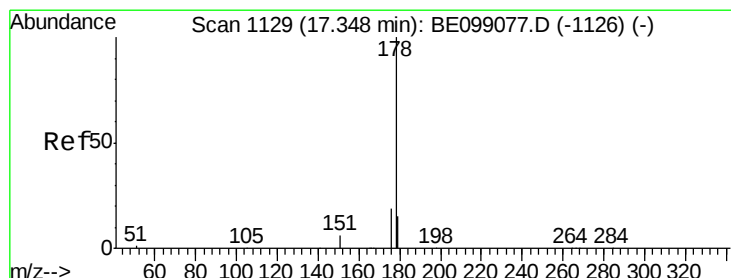
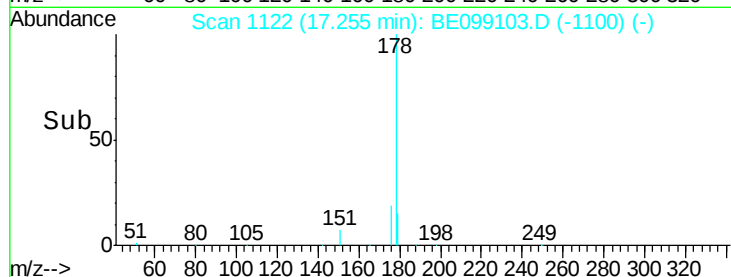
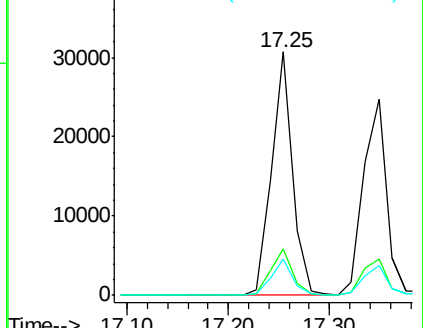
179 15.2 12.1 18.1



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: 0.405 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE099103.D

Acq: 23 Mar 2019 9:30

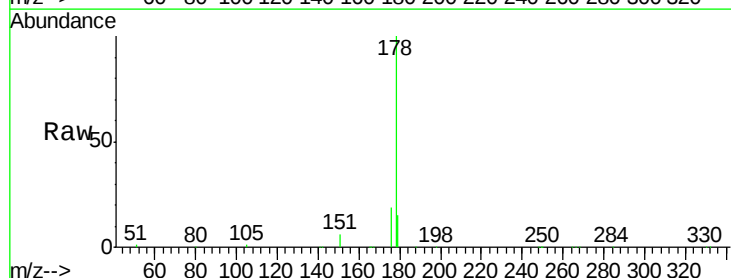
Tgt Ion:178 Resp: 38845

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

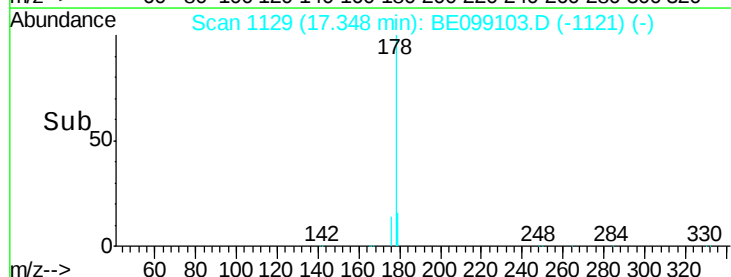
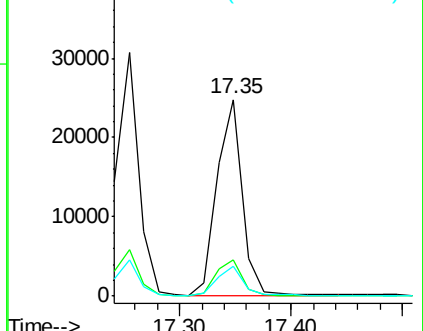
179 15.3 12.2 18.4

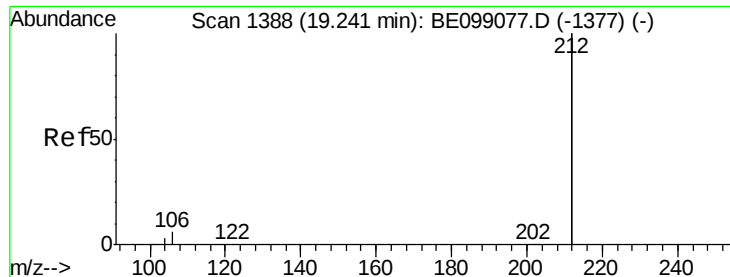


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.373 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BE099103.D

Acq: 23 Mar 2019 9:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

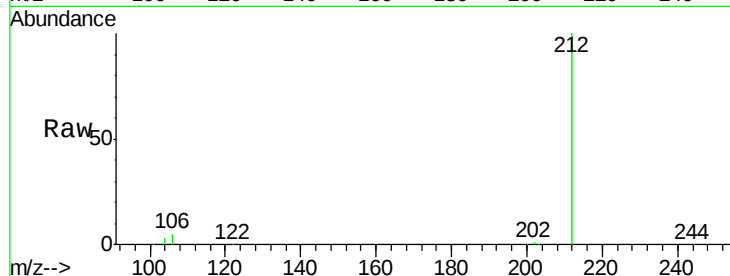
Tgt Ion:212 Resp: 169846

Ion Ratio Lower Upper

212 100

106 2.6 1.8 2.8

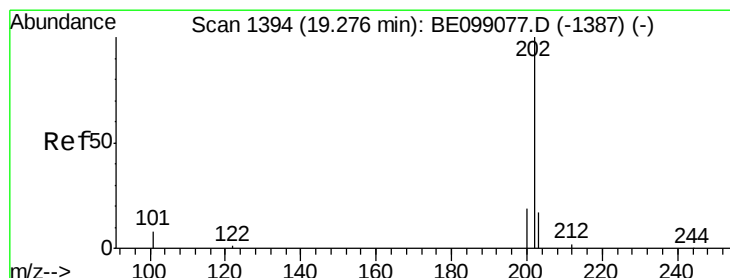
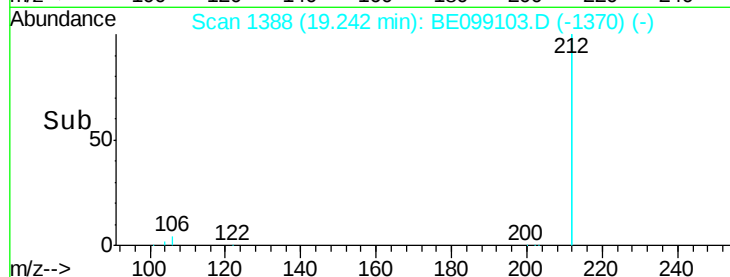
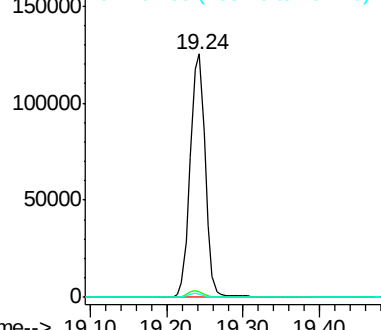
104 1.5 1.0 1.6



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: 0.371 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BE099103.D

Acq: 23 Mar 2019 9:30

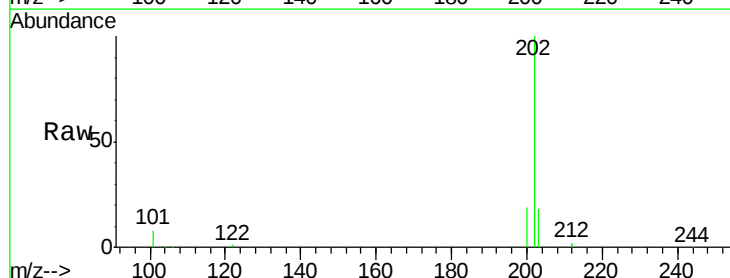
Tgt Ion:202 Resp: 52989

Ion Ratio Lower Upper

202 100

101 9.3 7.3 10.9

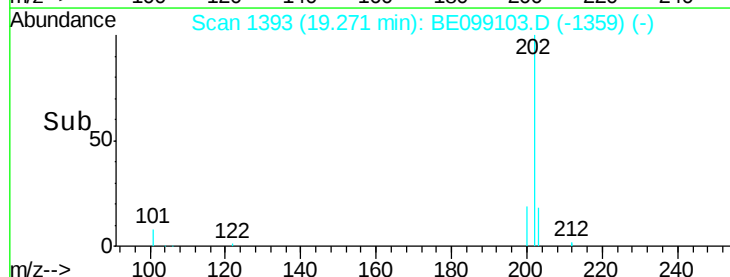
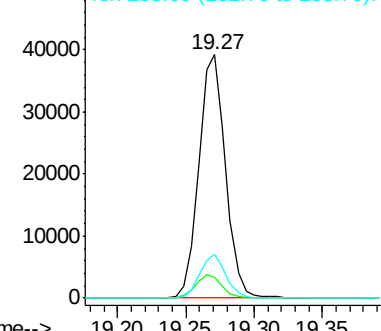
203 17.2 13.4 20.2



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

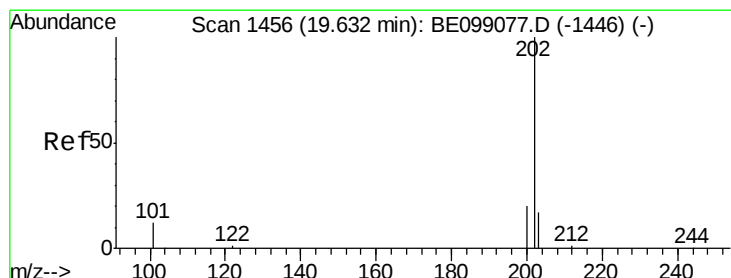
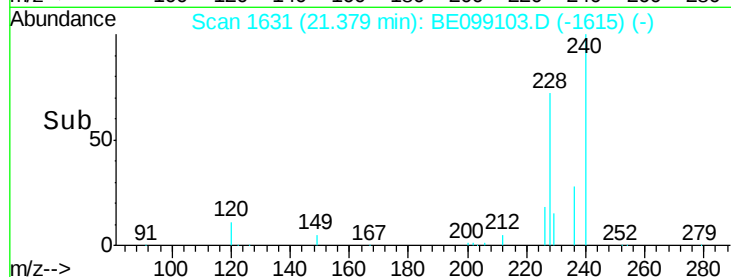
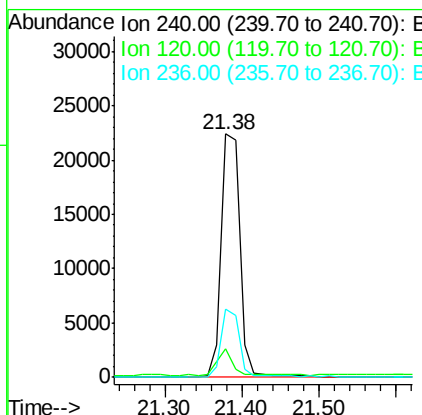
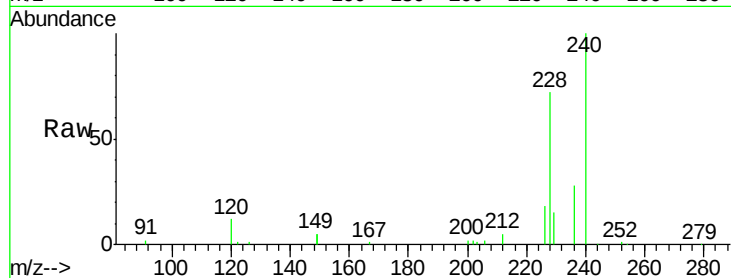




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BE099103.D
 Acq: 23 Mar 2019 9:30

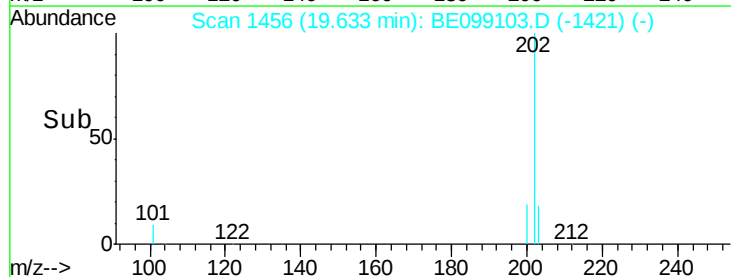
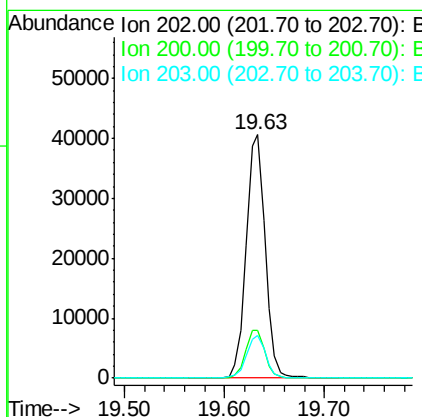
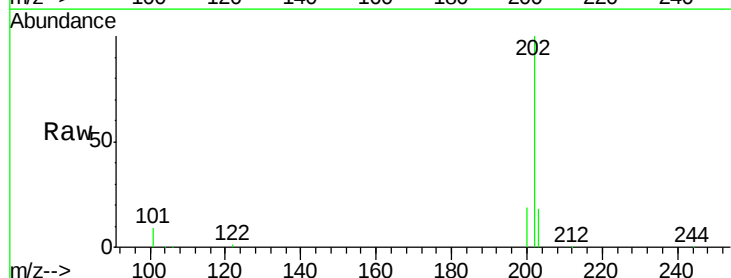
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

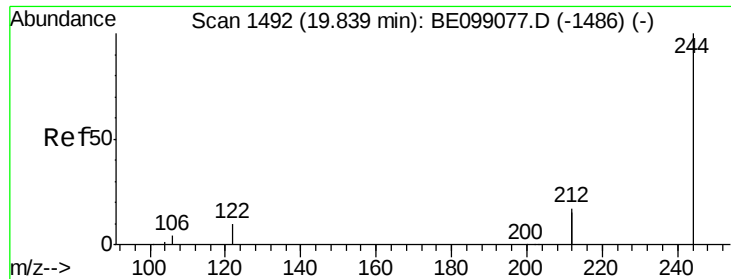
Tgt Ion:240 Resp: 37145
 Ion Ratio Lower Upper
 240 100
 120 11.7 5.0 7.4#
 236 27.9 22.7 34.1



#28
 Pyrene
 Concen: 0.426 ng
 RT: 19.63 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: BE099103.D
 Acq: 23 Mar 2019 9:30

Tgt Ion:202 Resp: 53644
 Ion Ratio Lower Upper
 202 100
 200 20.0 17.0 25.6
 203 17.5 14.2 21.2





#29

Terphenyl-d14

Concen: 0.471 ng

RT: 19.84 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BE099103.D

Acq: 23 Mar 2019 9:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

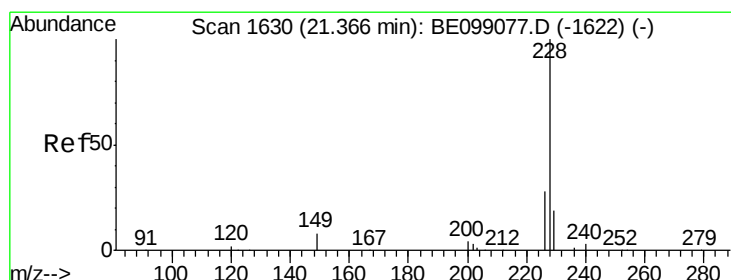
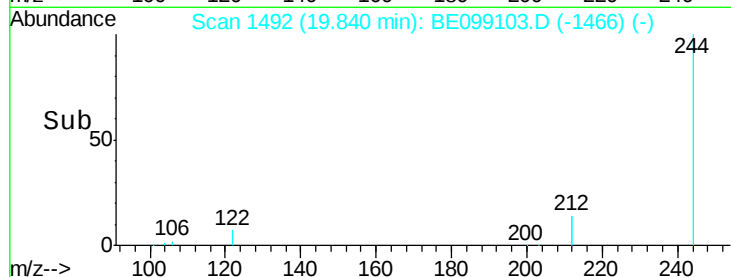
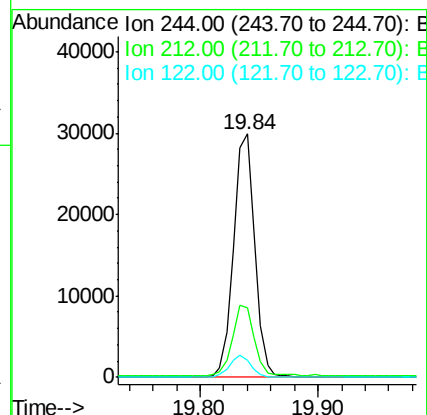
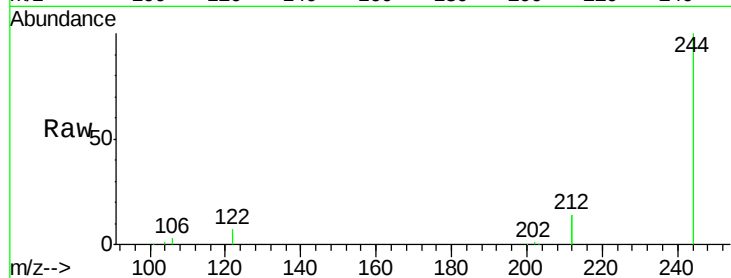
Tgt Ion:244 Resp: 36999

Ion Ratio Lower Upper

244 100

212 28.8 29.4 44.2#

122 6.9 7.1 10.7#



#30

Benzo(a)anthracene

Concen: 0.404 ng

RT: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE099103.D

Acq: 23 Mar 2019 9:30

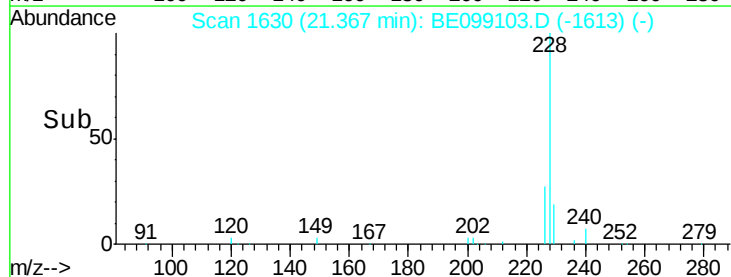
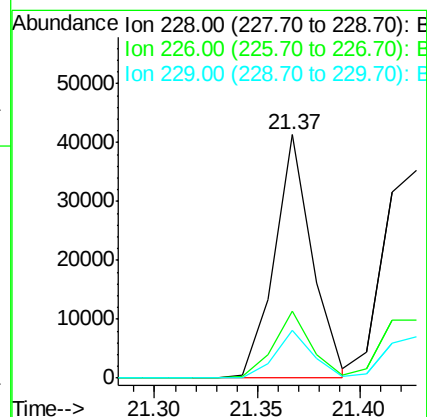
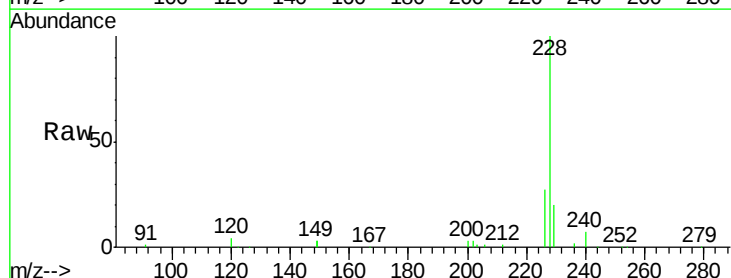
Tgt Ion:228 Resp: 52897

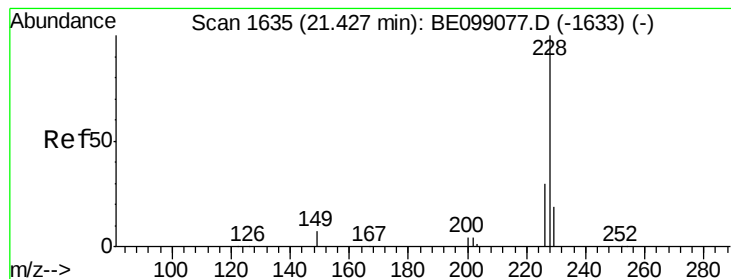
Ion Ratio Lower Upper

228 100

226 27.5 23.0 34.4

229 19.6 16.5 24.7





#31

Chrysene

Concen: 0.428 ng

RT: 21.43 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BE099103.D

Acq: 23 Mar 2019 9:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

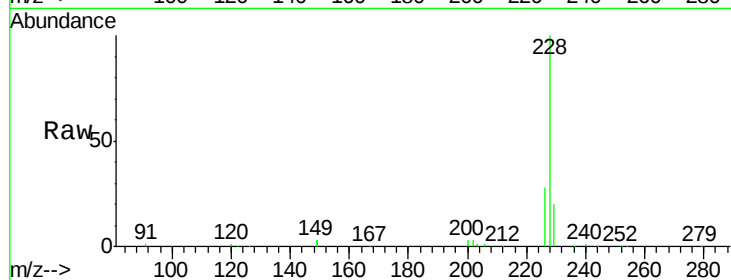
Tgt Ion: 228 Resp: 56013

Ion Ratio Lower Upper

228 100

226 28.2 23.7 35.5

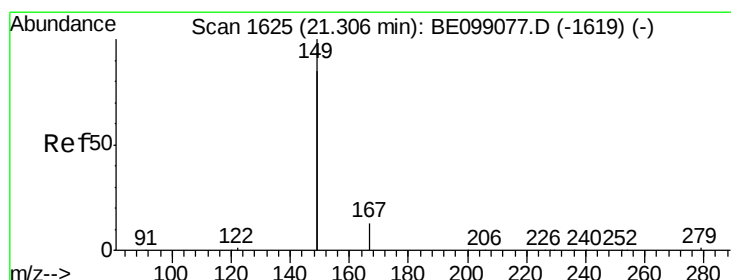
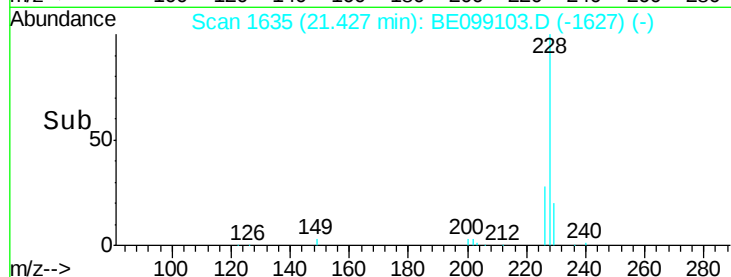
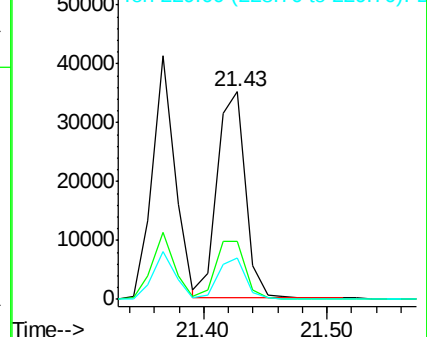
229 19.9 16.1 24.1



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: 0.352 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099103.D

Acq: 23 Mar 2019 9:30

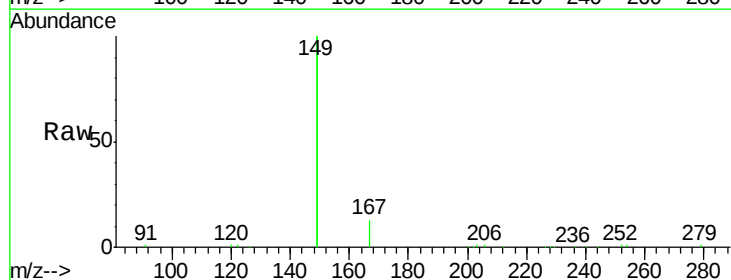
Tgt Ion: 149 Resp: 59845

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

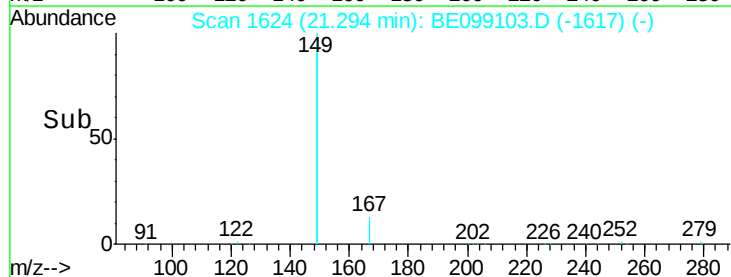
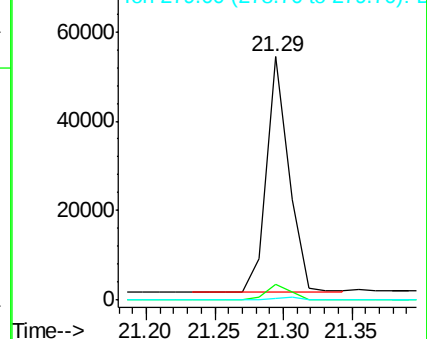
279 1.0 1.0 1.4

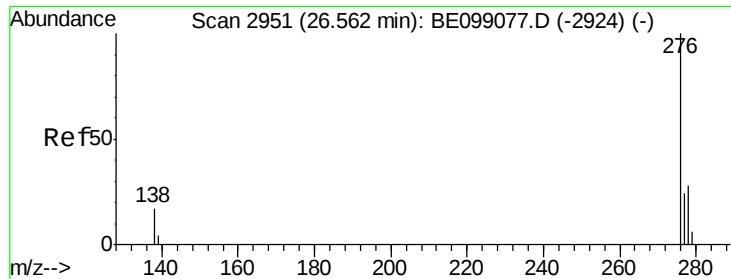


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.418 ng

RT: 26.55 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BE099103.D

Acq: 23 Mar 2019 9:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

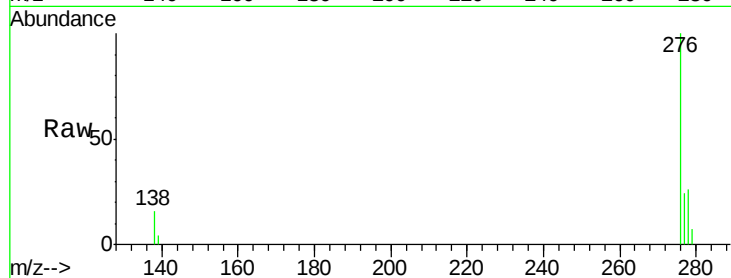
Tgt Ion:276 Resp: 58694

Ion Ratio Lower Upper

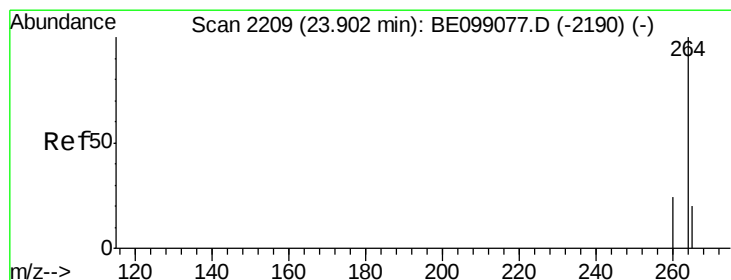
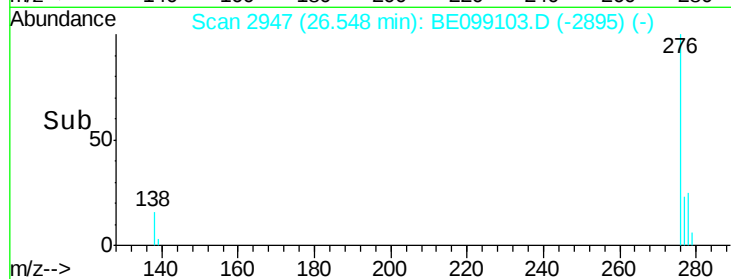
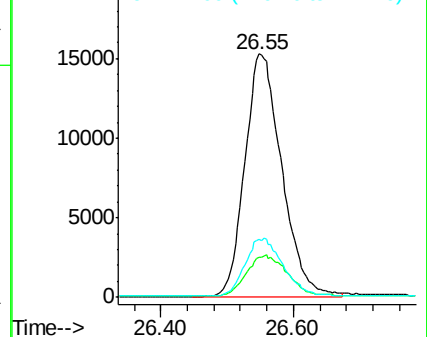
276 100

138 18.5 13.8 20.8

277 24.4 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# 2208

Delta R.T. -0.00 min

Lab File: BE099103.D

Acq: 23 Mar 2019 9:30

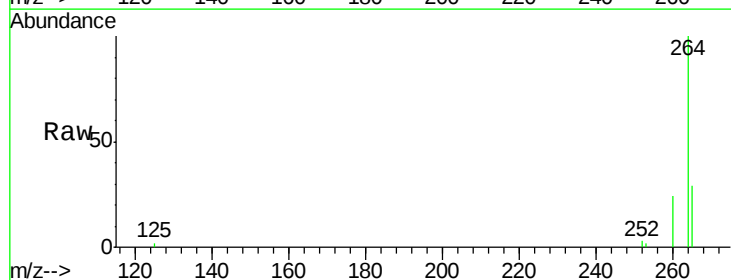
Tgt Ion:264 Resp: 37078

Ion Ratio Lower Upper

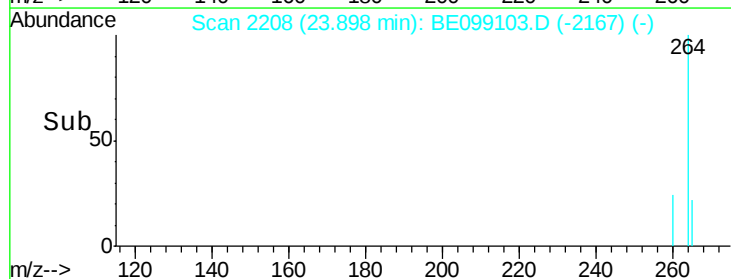
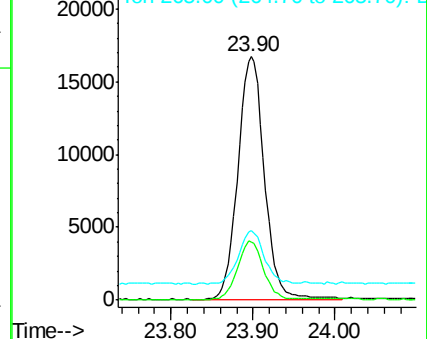
264 100

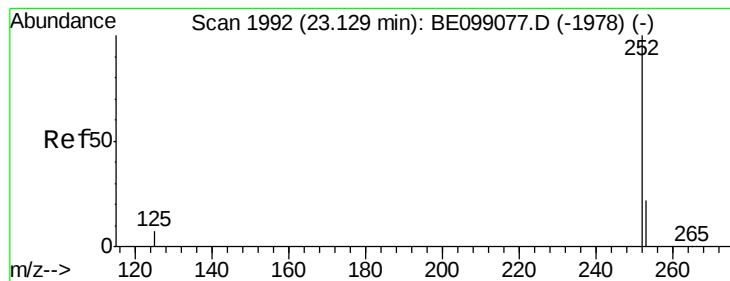
260 23.8 21.2 31.8

265 28.6 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: 0.416 ng

RT: 23.12 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BE099103.D

Acq: 23 Mar 2019 9:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

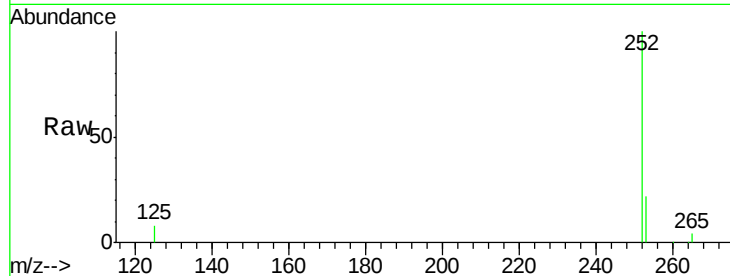
Tgt Ion: 252 Resp: 53295

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

125 7.7 7.3 10.9

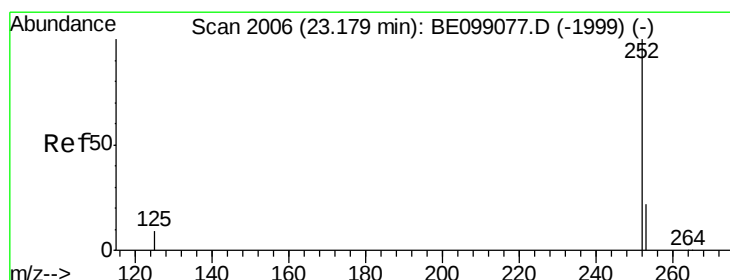
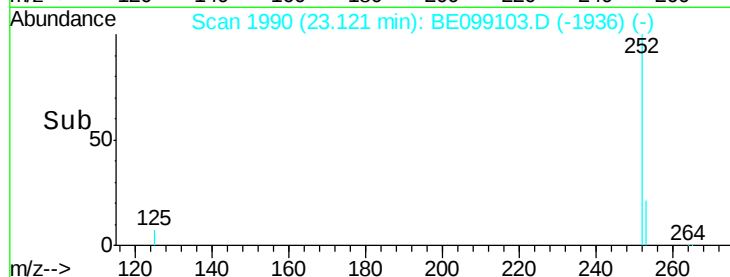
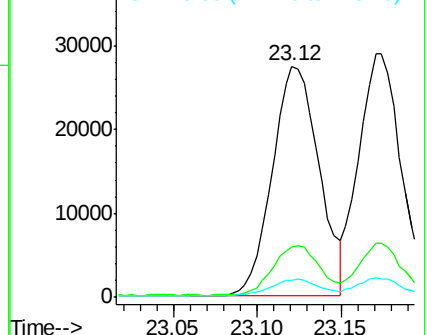


Abundance

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: 0.411 ng

RT: 23.17 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BE099103.D

Acq: 23 Mar 2019 9:30

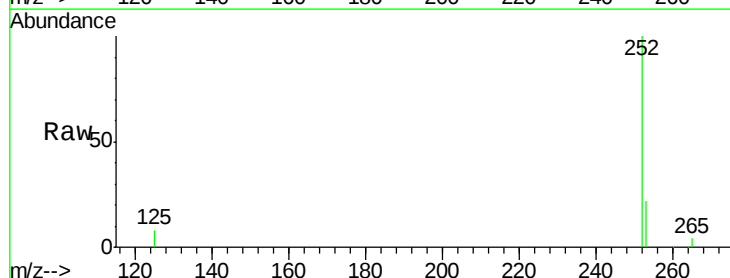
Tgt Ion: 252 Resp: 51618

Ion Ratio Lower Upper

252 100

253 22.4 19.3 28.9

125 7.7 7.5 11.3

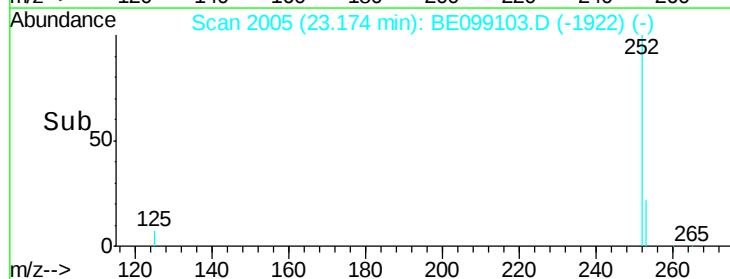
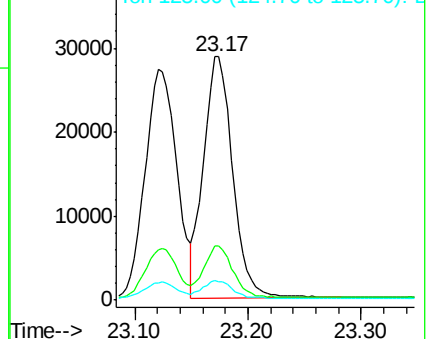


Abundance

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: 0.405 ng

RT: 23.78 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BE099103.D

Acq: 23 Mar 2019 9:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

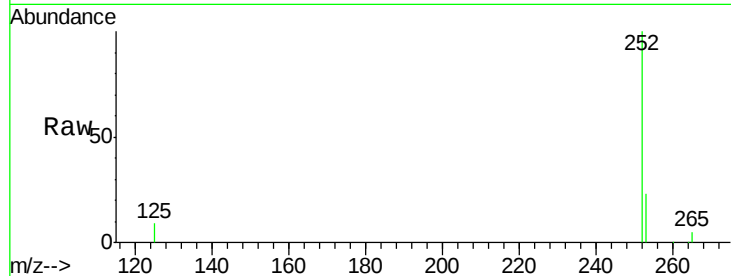
Tgt Ion: 252 Resp: 48042

Ion Ratio Lower Upper

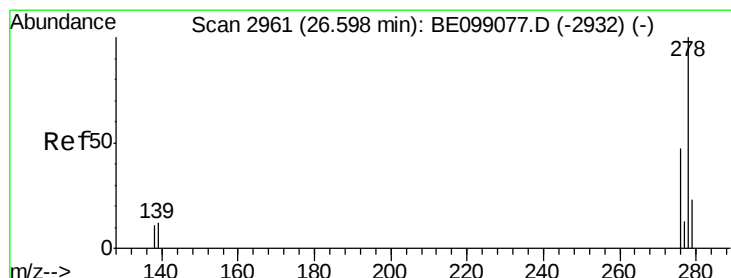
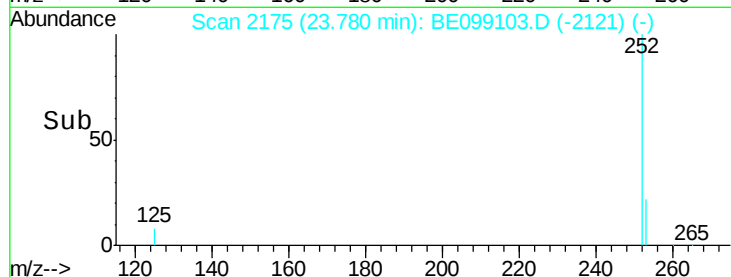
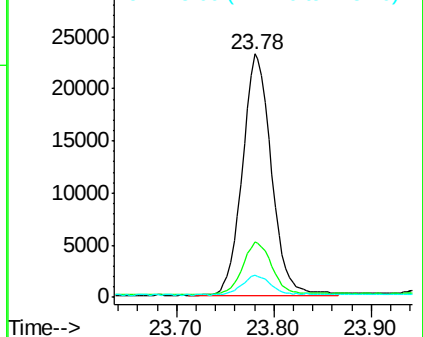
252 100

253 22.8 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: 0.416 ng

RT: 26.58 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BE099103.D

Acq: 23 Mar 2019 9:30

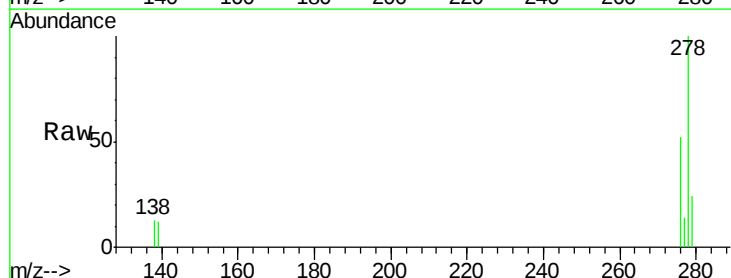
Tgt Ion: 278 Resp: 47940

Ion Ratio Lower Upper

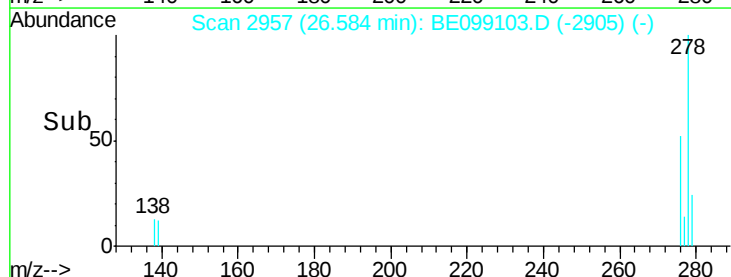
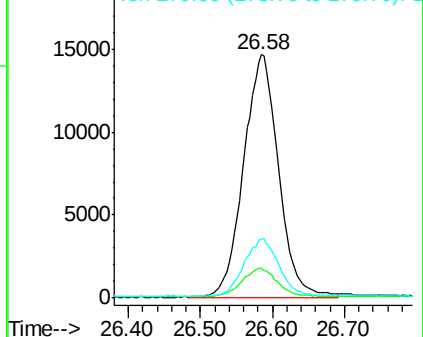
278 100

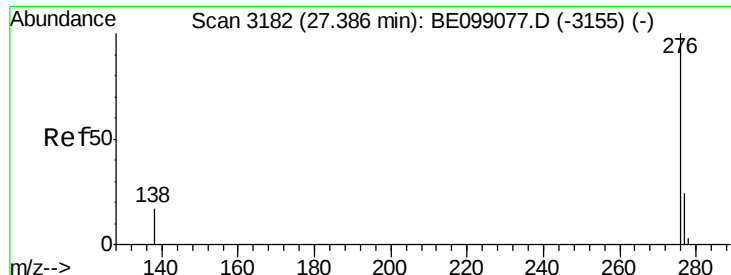
139 12.5 11.8 17.6

279 24.2 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: 0.418 ng

RT: 27.37 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BE099103.D

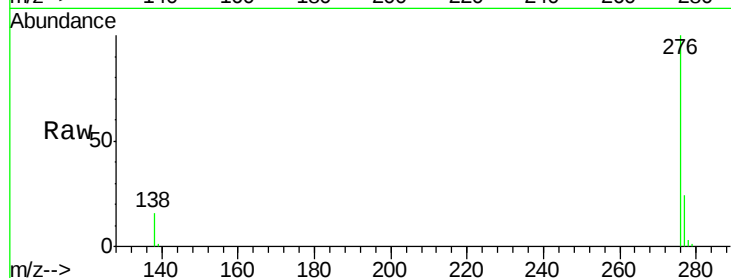
Acq: 23 Mar 2019 9:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



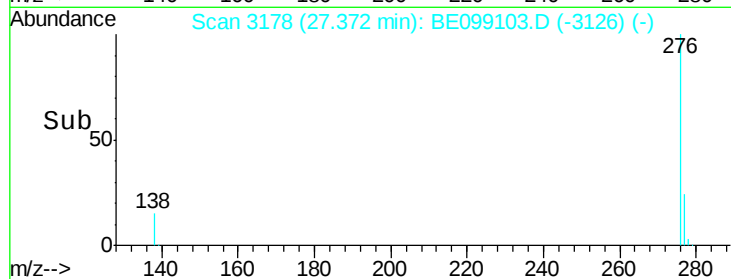
Tgt Ion: 276 Resp: 49485

Ion Ratio Lower Upper

276 100

277 24.0 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

