

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051719\
 Data File : BE099656.D
 Acq On : 17 May 2019 17:26
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: May 17 18:28:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 19:30:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	2480	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	8687	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	6029	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	17403	0.40	ng	0.00
27) Chrysene-d12	21.41	240	24466	0.40	ng	0.00
34) Perylene-d12	23.96	264	30794	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	2401	0.34	ng	0.00
5) Phenol-d6	6.98	99	3194	0.36	ng	0.00
8) Nitrobenzene-d5	8.98	82	2891	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	5240	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	1289	0.31	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	8259	0.36	ng	0.00
25) Fluoranthene-d10	19.26	212	83384	0.36	ng	0.00
29) Terphenyl-d14	19.86	244	16963	0.39	ng	0.00

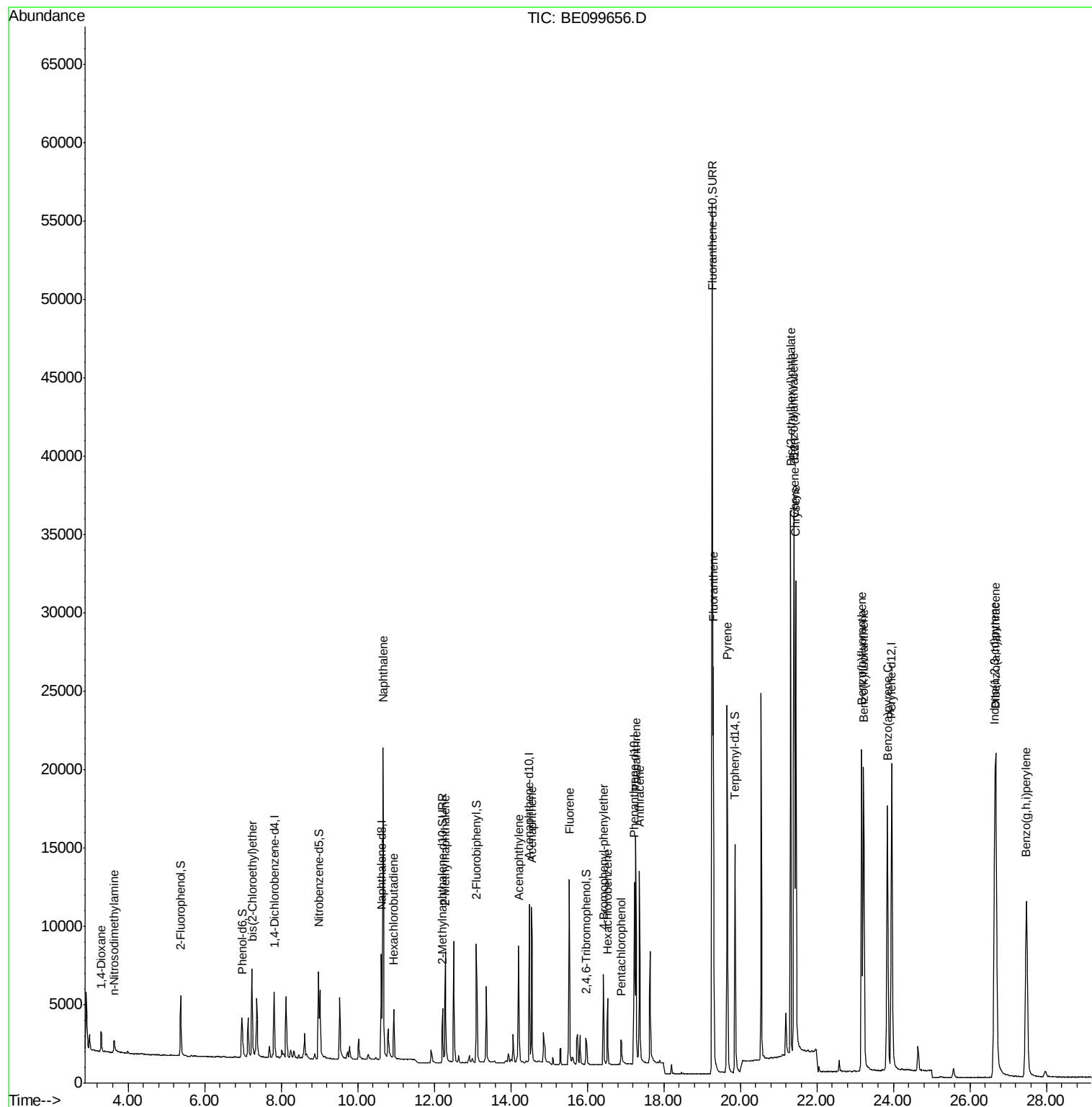
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	1170	0.320	ng	# 84
3) n-Nitrosodimethylamine	3.62	42	676	0.290	ng	# 95
6) bis(2-Chloroethyl)ether	7.24	93	2628	0.350	ng	92
9) Naphthalene	10.67	128	33509	0.362	ng	99
10) Hexachlorobutadiene	10.94	225	2403	0.355	ng	98
12) 2-Methylnaphthalene	12.29	142	5496	0.360	ng	99
16) Acenaphthylene	14.21	152	10007	0.352	ng	100
17) Acenaphthene	14.54	154	5755	0.358	ng	98
18) Fluorene	15.53	166	8202	0.356	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	3563	0.355	ng	97
21) Hexachlorobenzene	16.53	284	3680	0.373	ng	98
22) Pentachlorophenol	16.89	266	1454	0.529	ng	92
23) Phenanthrene	17.27	178	15718	0.364	ng	100
24) Anthracene	17.36	178	14029	0.352	ng	99
26) Fluoranthene	19.29	202	23987	0.367	ng	100
28) Pyrene	19.66	202	24873	0.399	ng	100
30) Benzo(a)anthracene	21.40	228	28714	0.388	ng	100
31) Chrysene	21.45	228	30513	0.401	ng	97
32) Bis(2-ethylhexyl)phthalate	21.32	149	38425	0.337	ng	100
33) Indeno(1,2,3-cd)pyrene	26.65	276	38391	0.405	ng	99
35) Benzo(b)fluoranthene	23.17	252	30979	0.360	ng	99
36) Benzo(k)fluoranthene	23.22	252	31780	0.374	ng	98
37) Benzo(a)pyrene	23.84	252	30042	0.360	ng	98
38) Dibenzo(a,h)anthracene	26.68	278	31837	0.368	ng	98
39) Benzo(g,h,i)perylene	27.48	276	31513	0.362	ng	100

(#) = 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. -0.00 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

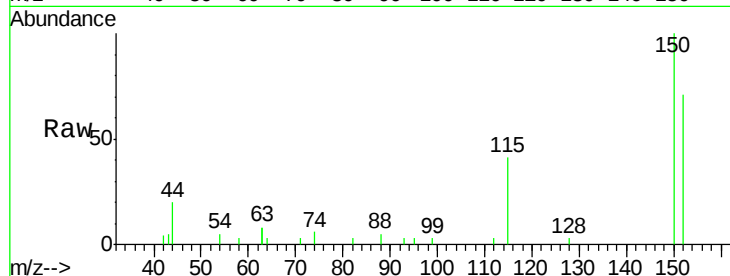
Tgt Ion:152 Resp: 2480

Ion Ratio Lower Upper

152 100

150 140.1 110.1 165.1

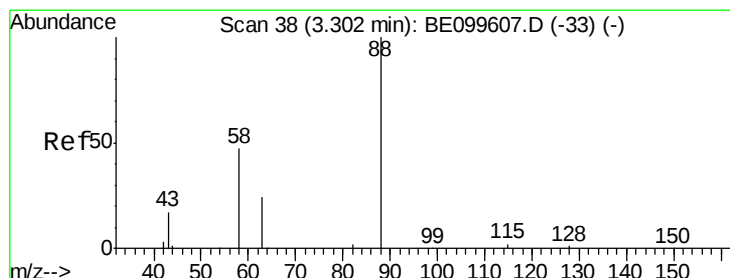
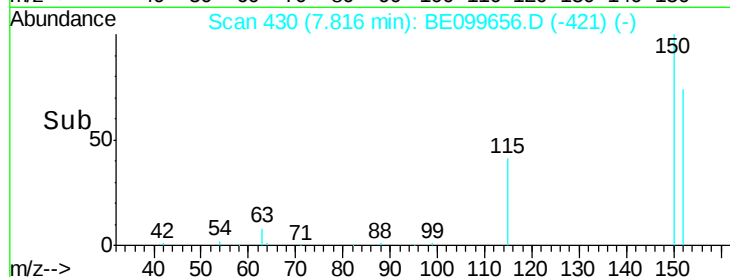
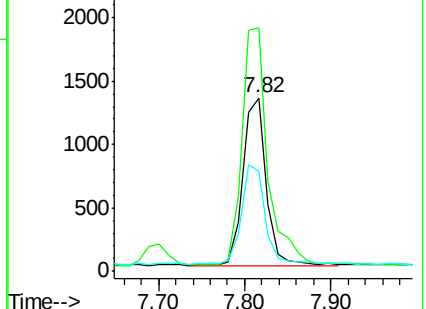
115 58.0 46.2 69.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.320 ng

RT: 3.30 min Scan# 38

Delta R.T. -0.00 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

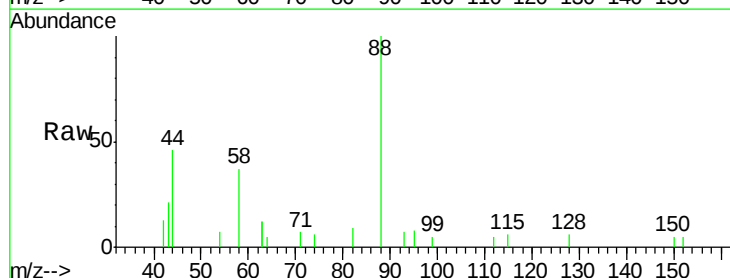
Tgt Ion: 88 Resp: 1170

Ion Ratio Lower Upper

88 100

58 61.5 39.8 59.6#

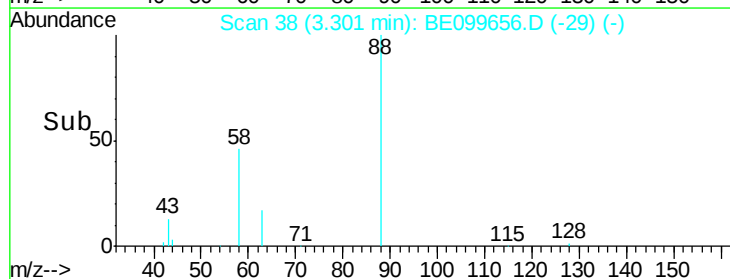
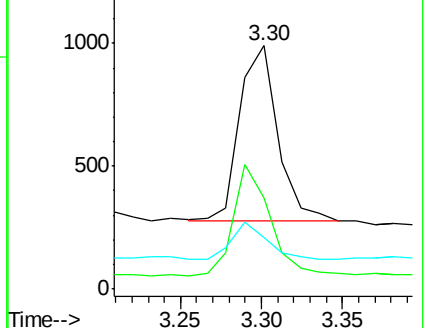
43 19.3 21.0 31.6#



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



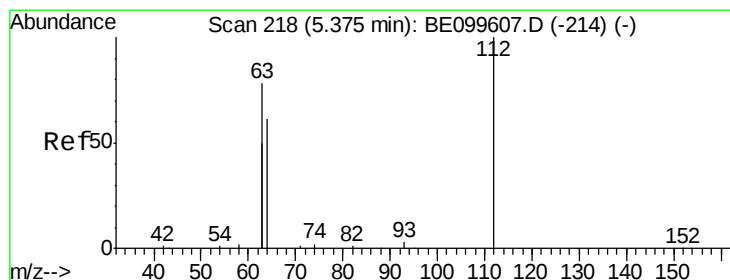
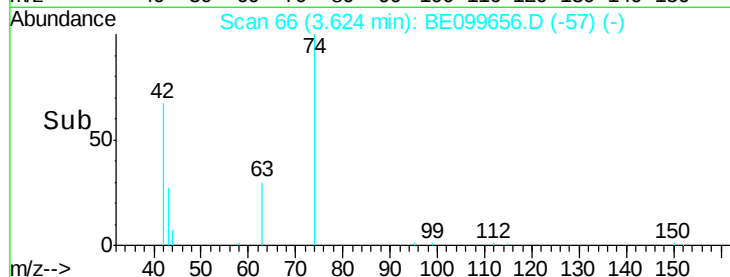
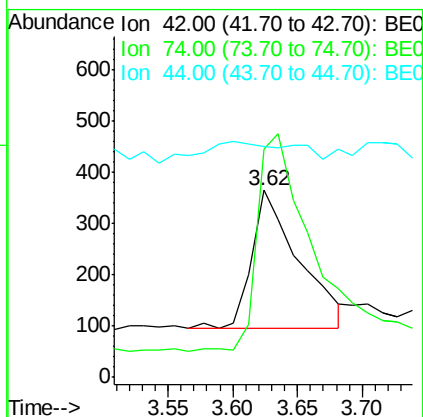
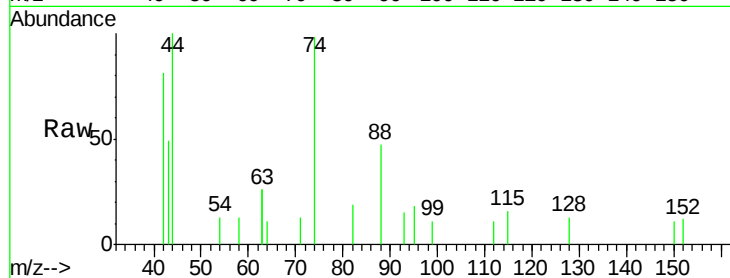


#3

n-Nitrosodimethylamine
 Concen: 0.290 ng
 RT: 3.62 min Scan# 66
 Delta R.T. -0.00 min
 Lab File: BE099656.D
 Acq: 17 May 2019 17:26

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

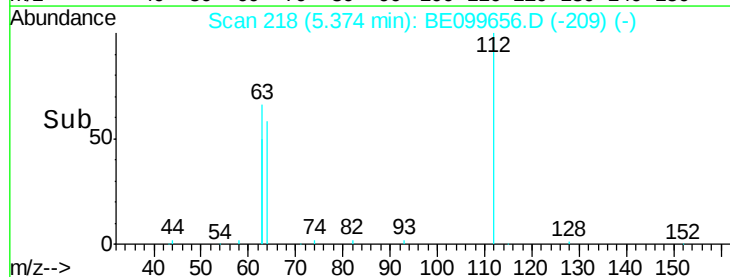
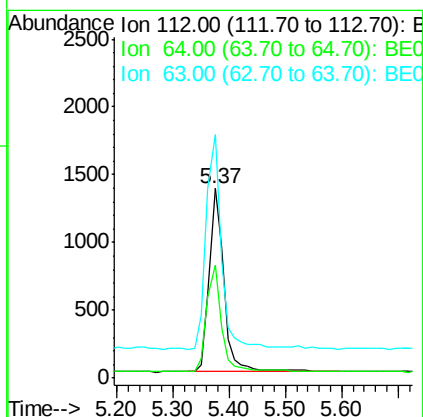
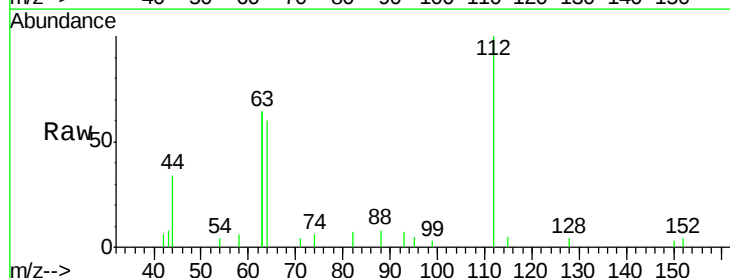
Tgt Ion: 42 Resp: 676
 Ion Ratio Lower Upper
 42 100
 74 171.6 134.7 202.1
 44 0.0 12.5 18.7#

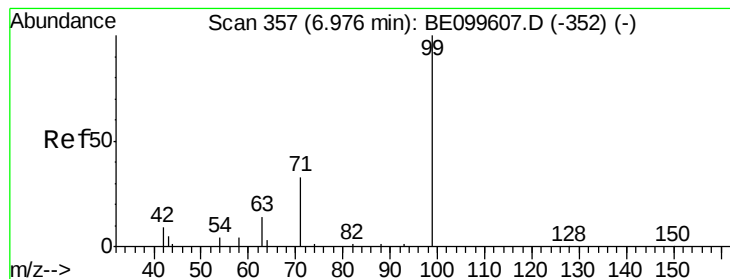


#4

2-Fluorophenol
 Concen: 0.341 ng
 RT: 5.37 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: BE099656.D
 Acq: 17 May 2019 17:26

Tgt Ion: 112 Resp: 2401
 Ion Ratio Lower Upper
 112 100
 64 59.1 43.7 65.5
 63 119.7 94.0 141.0





#5

Phenol-d6

Concen: 0.358 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

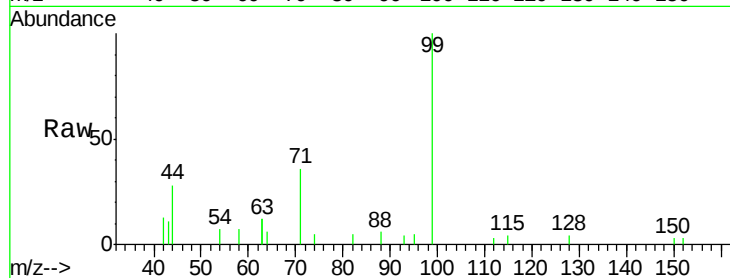
Tgt Ion: 99 Resp: 3194

Ion Ratio Lower Upper

99 100

42 14.5 14.3 21.5

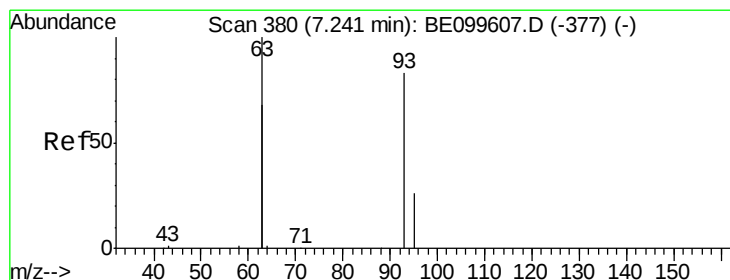
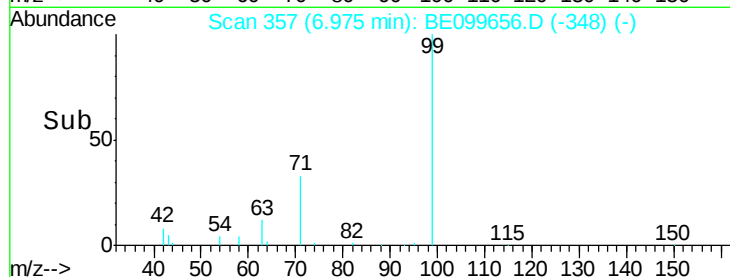
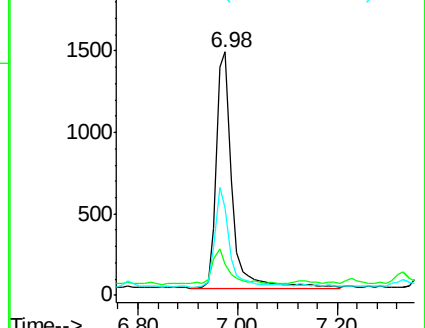
71 39.2 33.1 49.7



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: 0.350 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

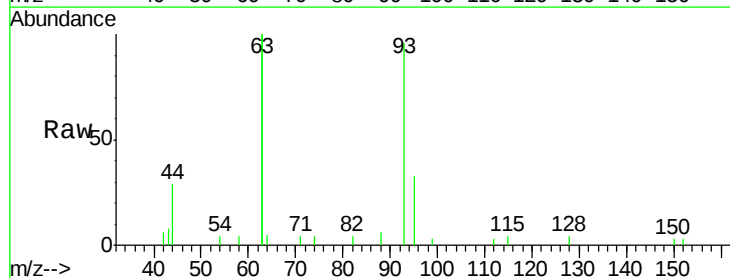
Tgt Ion: 93 Resp: 2628

Ion Ratio Lower Upper

93 100

63 266.7 201.0 301.4

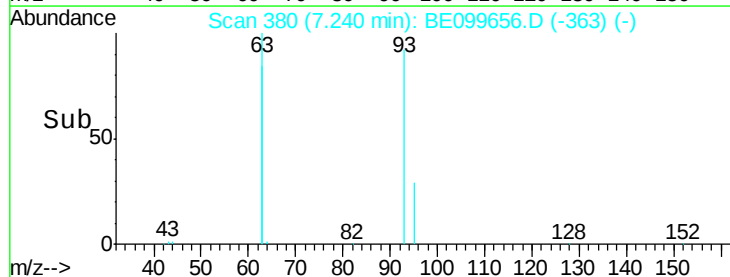
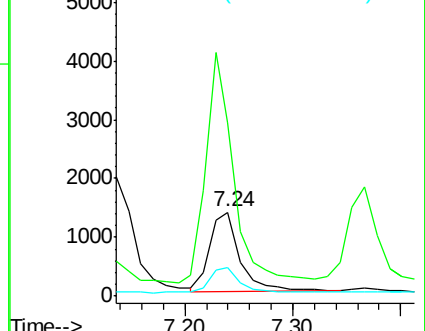
95 34.3 25.0 37.4

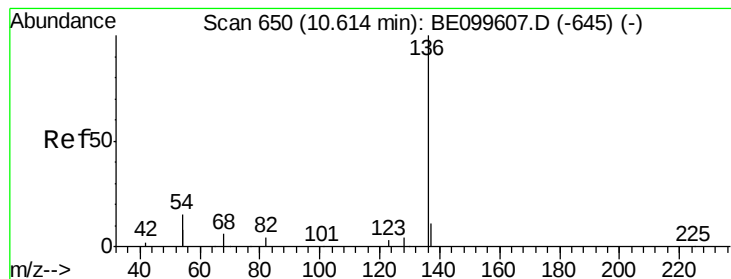


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 8687

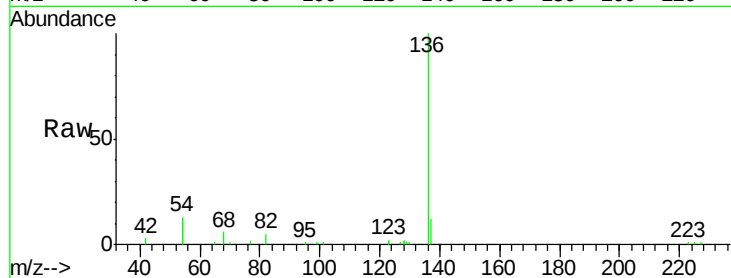
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 25.9 23.8 35.8

68 6.4 6.2 9.2

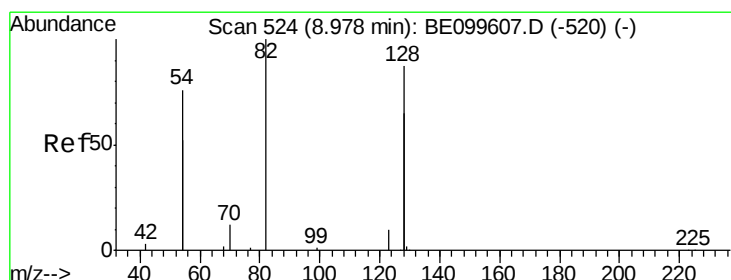
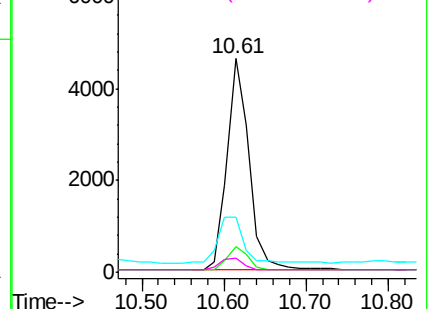
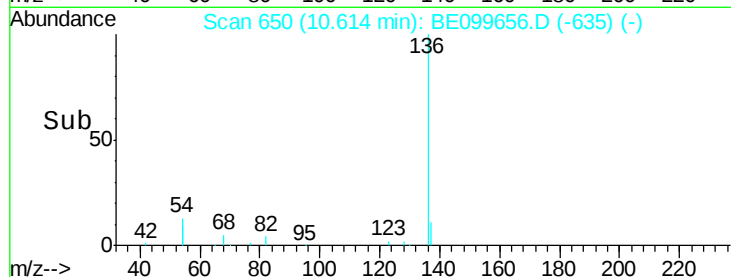


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.344 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.00 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

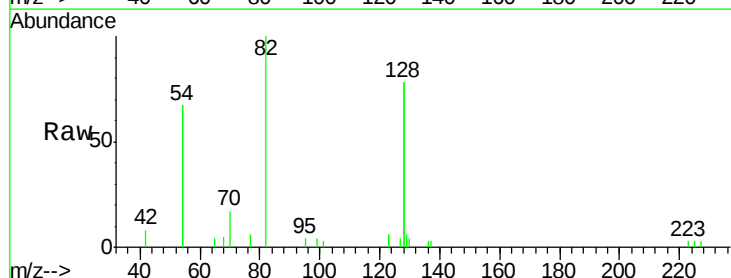
Tgt Ion: 82 Resp: 2891

Ion Ratio Lower Upper

82 100

128 156.6 131.4 197.2

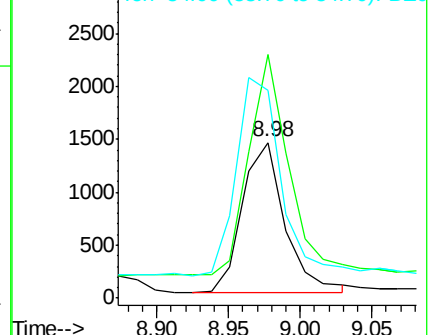
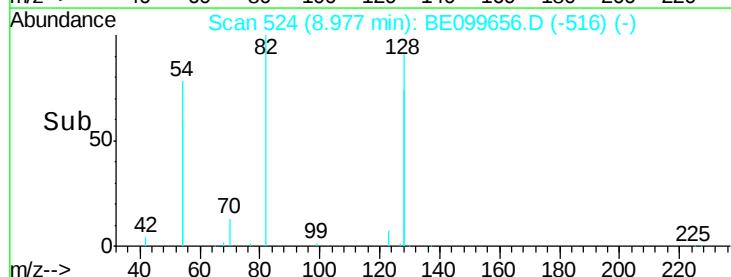
54 133.6 113.9 170.9



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: 0.362 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE099656.D

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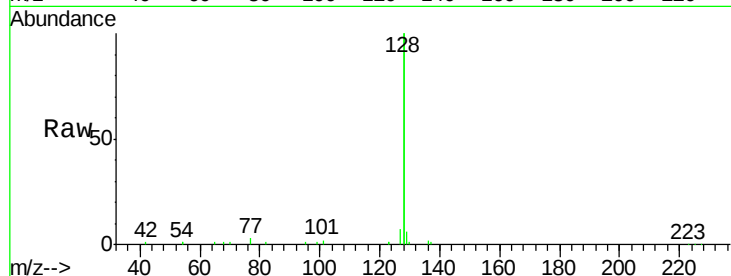
Tgt Ion:128 Resp: 33509

Ion Ratio Lower Upper

128 100

129 2.9 2.6 4.0

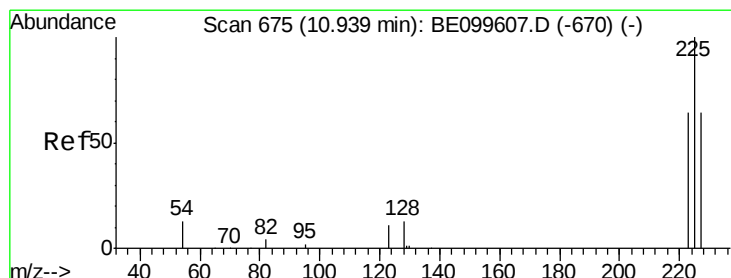
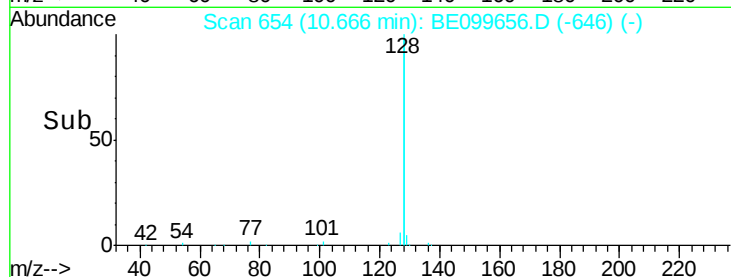
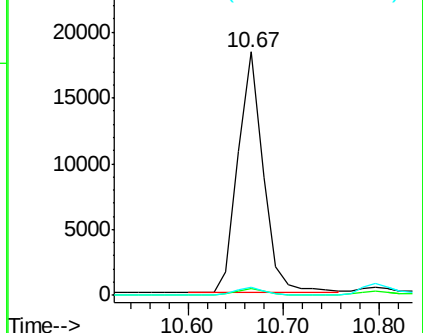
127 3.4 3.0 4.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.355 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

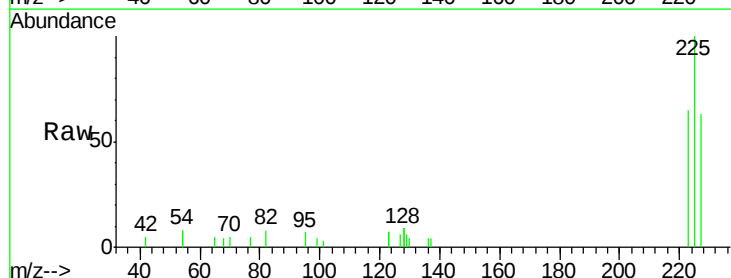
Tgt Ion:225 Resp: 2403

Ion Ratio Lower Upper

225 100

223 64.8 49.8 74.8

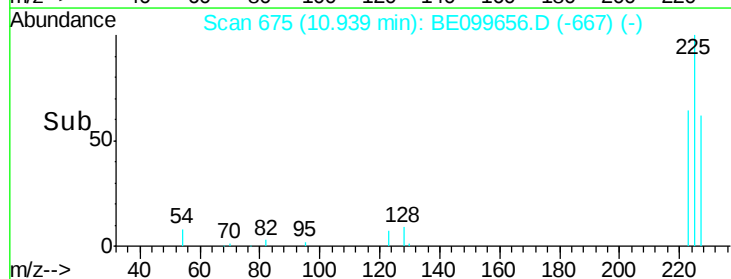
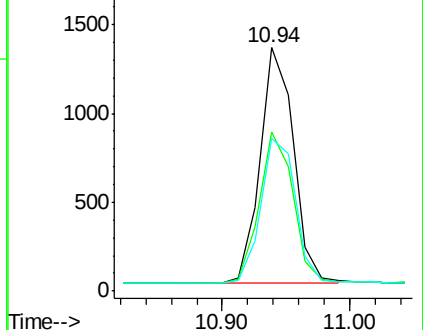
227 64.5 51.2 76.8

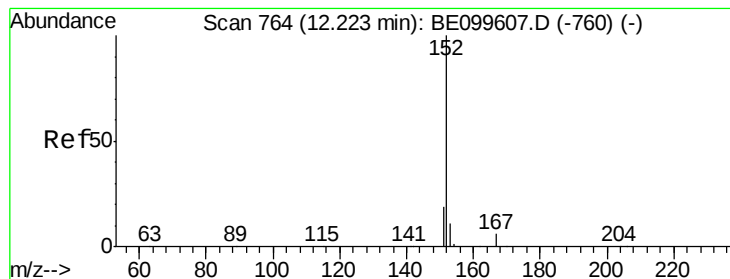


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.359 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

Instrument :

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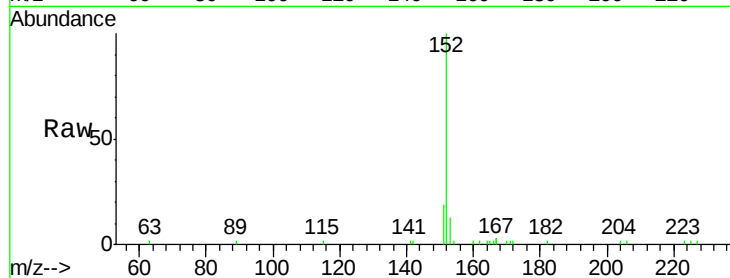
SSTDCCC0.4EC

Tgt Ion:152 Resp: 5240

Ion Ratio Lower Upper

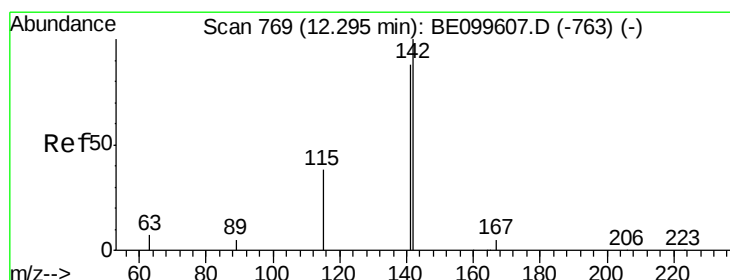
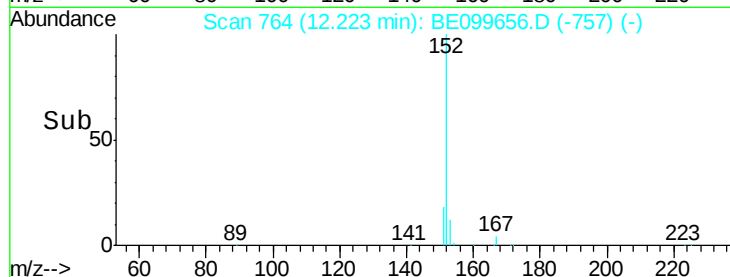
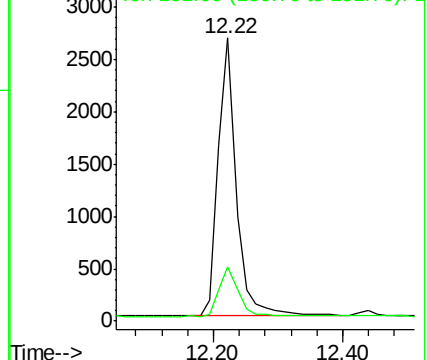
152 100

151 18.8 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.360 ng

RT: 12.29 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

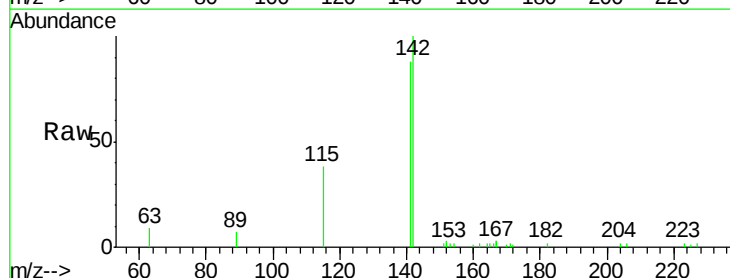
Tgt Ion:142 Resp: 5496

Ion Ratio Lower Upper

142 100

141 88.0 70.4 105.6

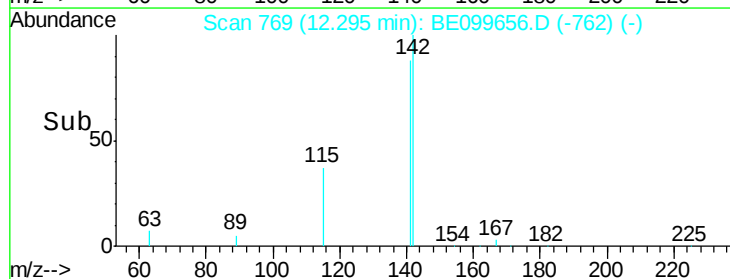
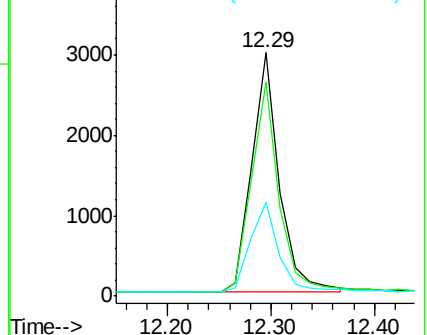
115 38.5 32.2 48.4

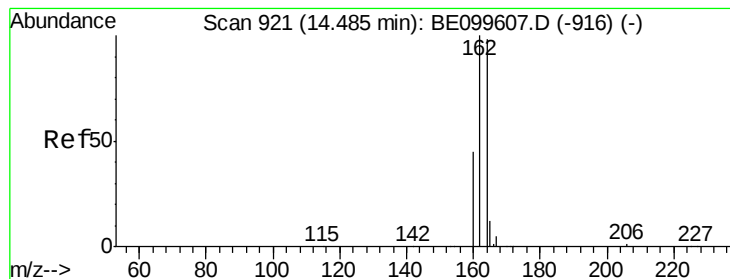


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE099656.D

Acq: 17 May 2019 17:26

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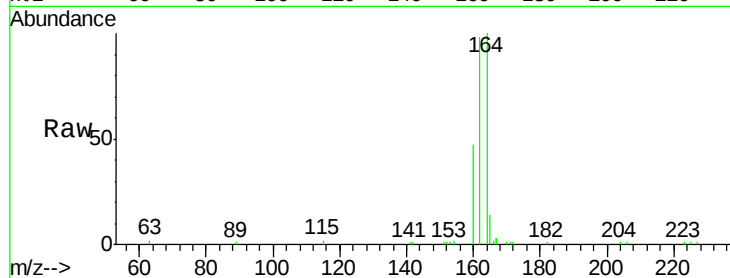
Tgt Ion:164 Resp: 6029

Ion Ratio Lower Upper

164 100

162 97.7 81.4 122.0

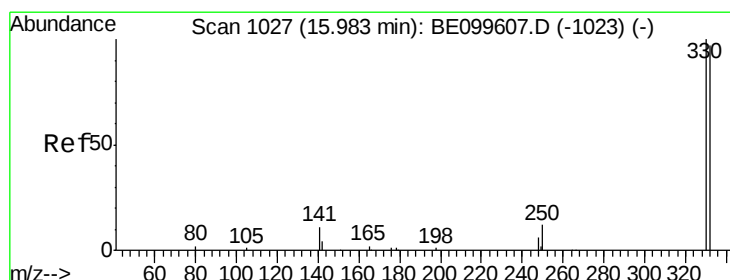
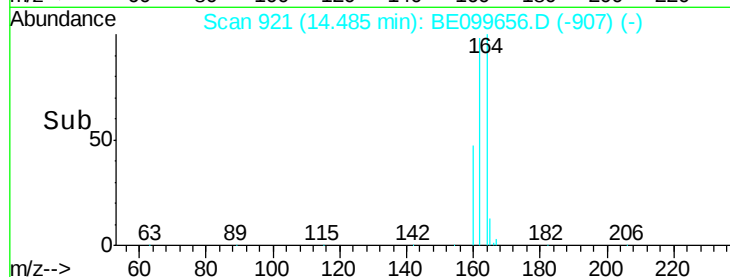
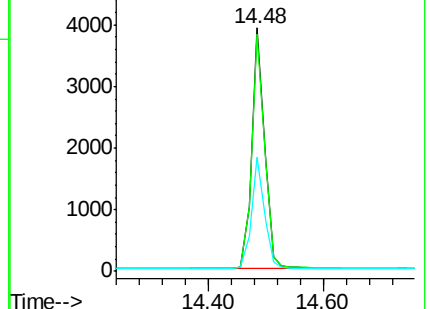
160 47.2 37.4 56.2



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: 0.313 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

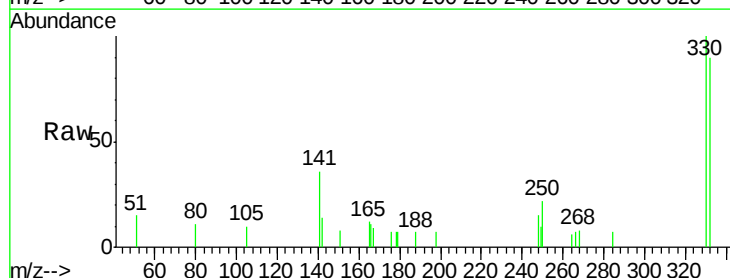
Tgt Ion:330 Resp: 1289

Ion Ratio Lower Upper

330 100

332 96.2 73.8 110.8

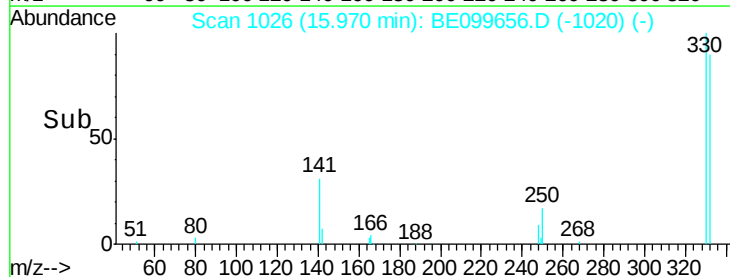
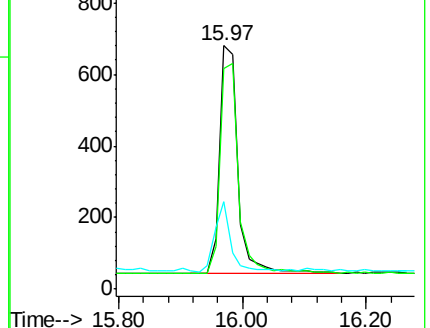
141 27.4 21.0 31.6

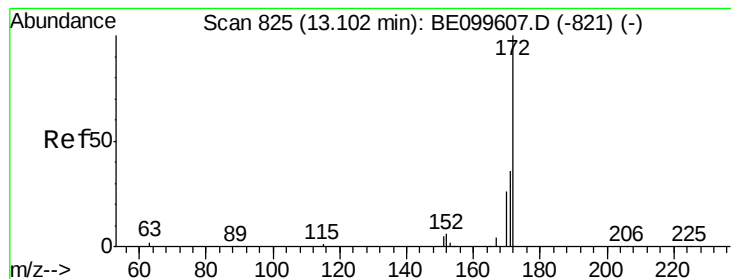


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.356 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

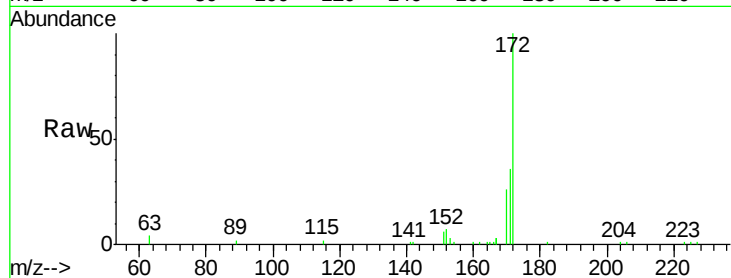
Tgt Ion:172 Resp: 8259

Ion Ratio Lower Upper

172 100

171 36.3 29.4 44.2

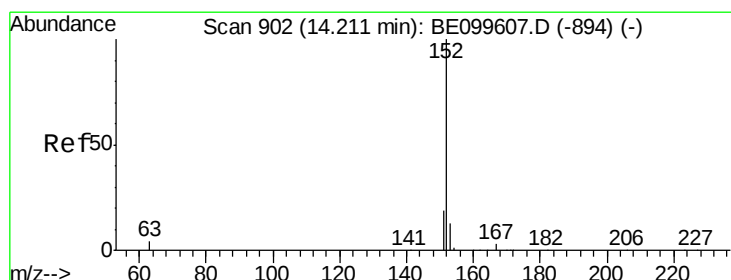
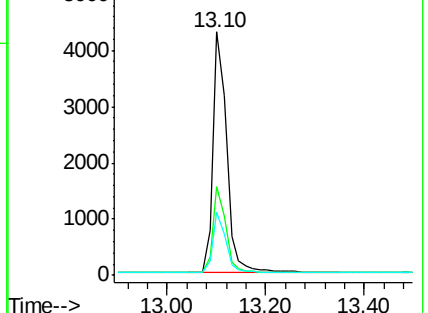
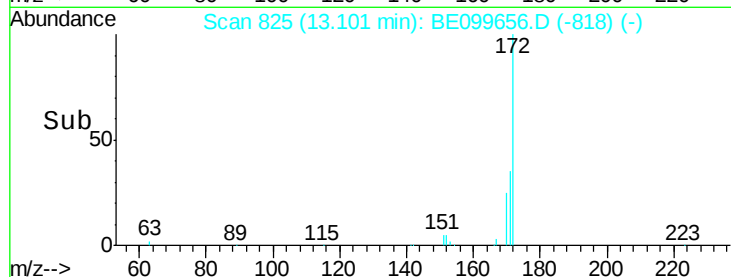
170 25.9 21.5 32.3



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: 0.352 ng

RT: 14.21 min Scan# 902

Delta R.T. -0.00 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

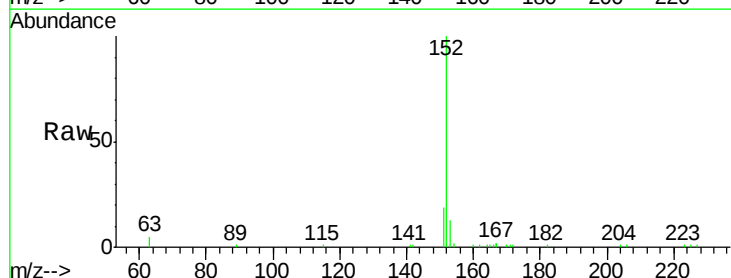
Tgt Ion:152 Resp: 10007

Ion Ratio Lower Upper

152 100

151 19.4 15.6 23.4

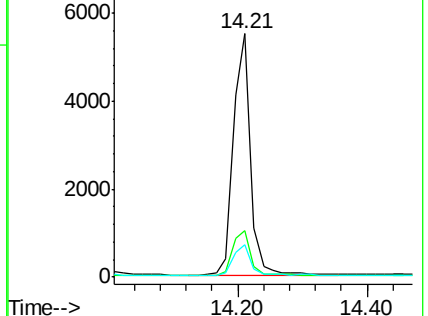
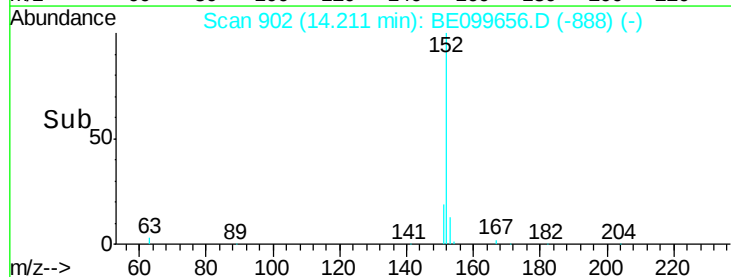
153 12.7 10.4 15.6

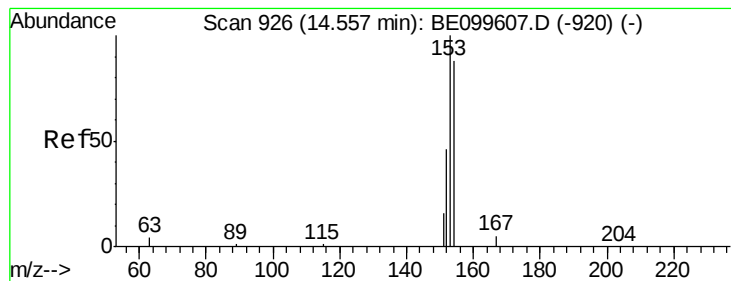


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.358 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.01 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

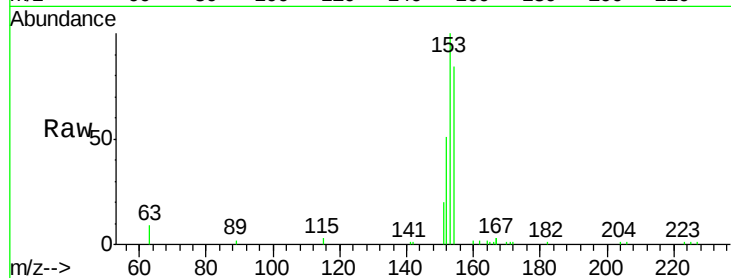
Tgt Ion:154 Resp: 5755

Ion Ratio Lower Upper

154 100

153 115.8 94.1 141.1

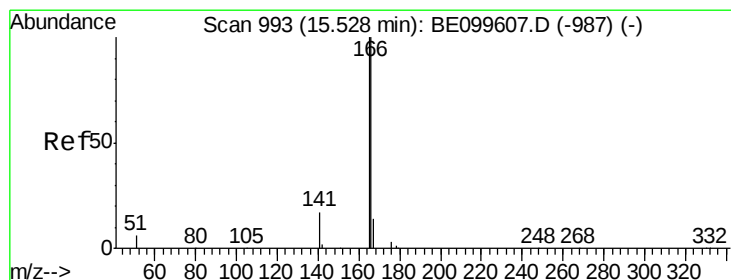
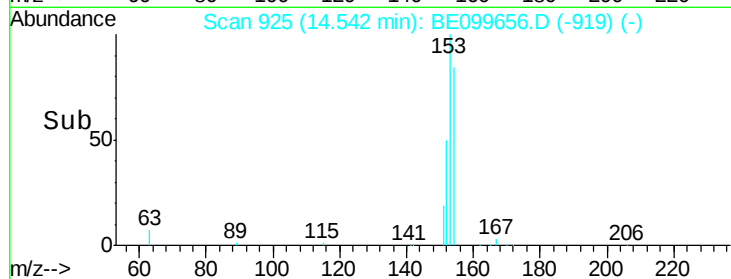
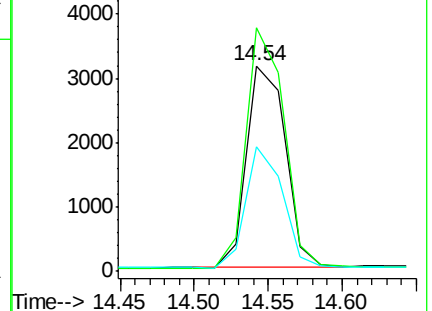
152 56.9 46.5 69.7



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: 0.356 ng

RT: 15.53 min Scan# 993

Delta R.T. -0.00 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

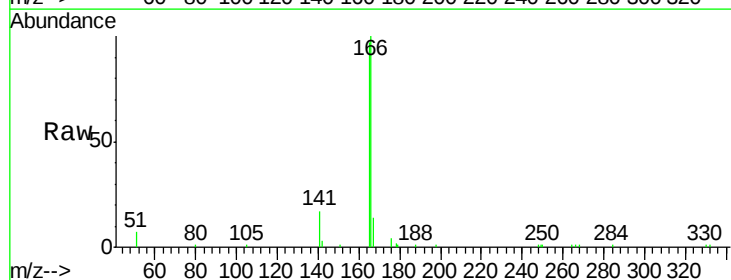
Tgt Ion:166 Resp: 8202

Ion Ratio Lower Upper

166 100

165 100.9 79.8 119.8

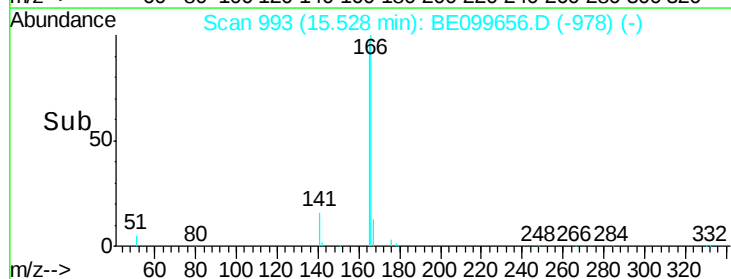
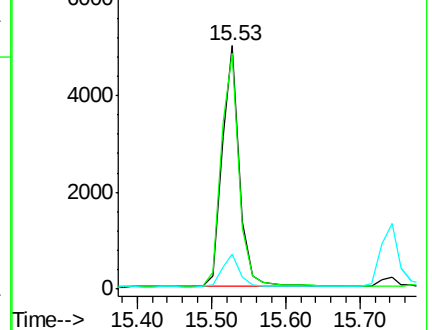
167 13.7 11.2 16.8

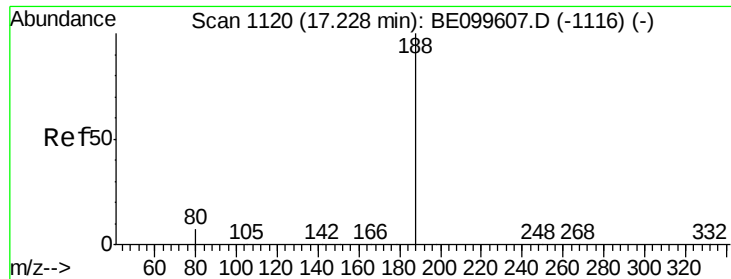


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

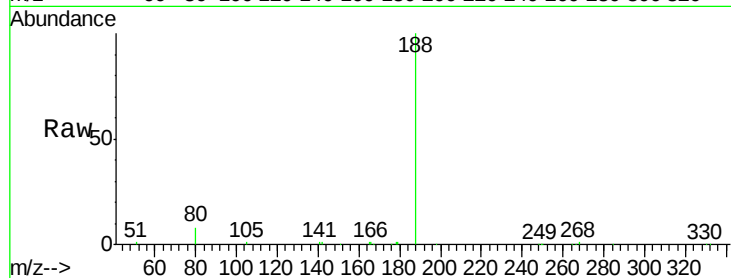
Tgt Ion:188 Resp: 17403

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

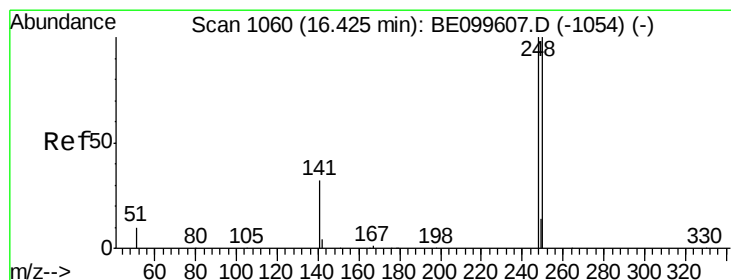
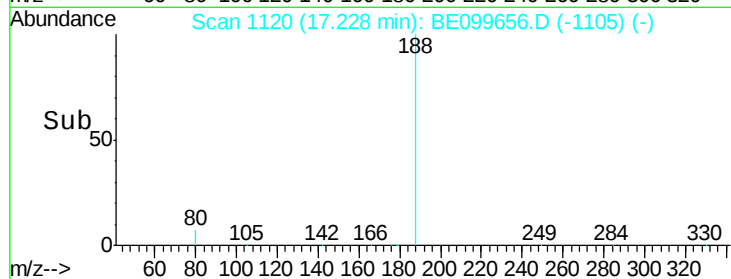
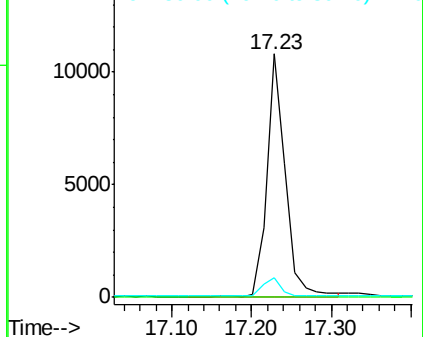
80 7.8 6.4 9.6



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: 0.355 ng

RT: 16.42 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

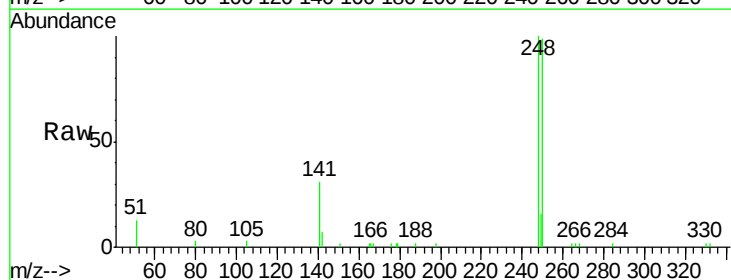
Tgt Ion:248 Resp: 3563

Ion Ratio Lower Upper

248 100

250 99.0 80.4 120.6

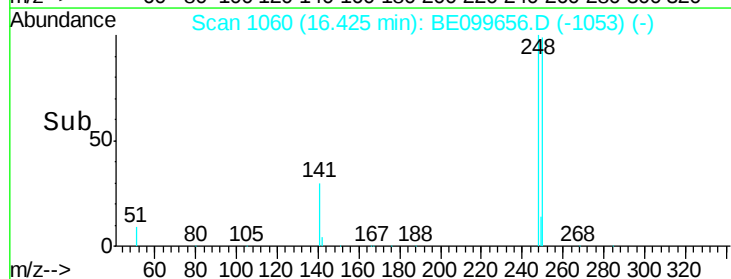
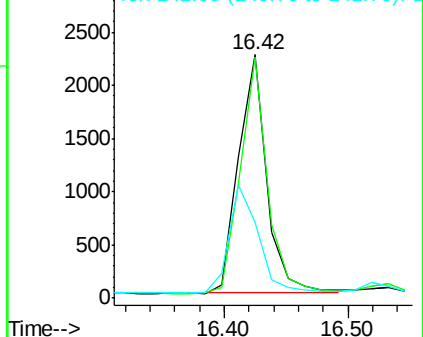
141 31.3 27.8 41.8

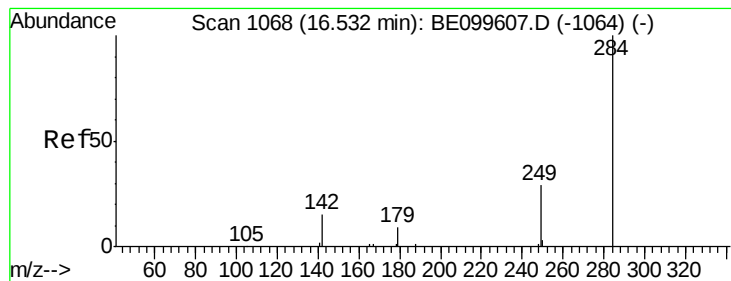


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.373 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

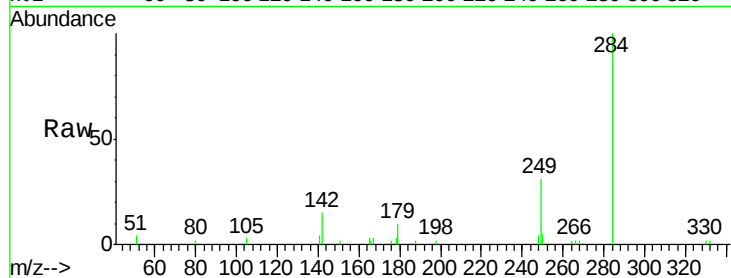
Tgt Ion:284 Resp: 3680

Ion Ratio Lower Upper

284 100

142 23.2 19.4 29.2

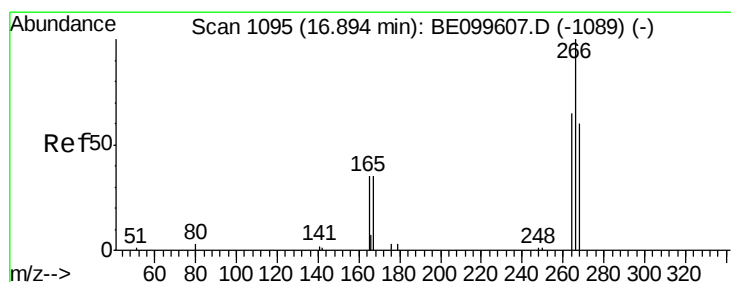
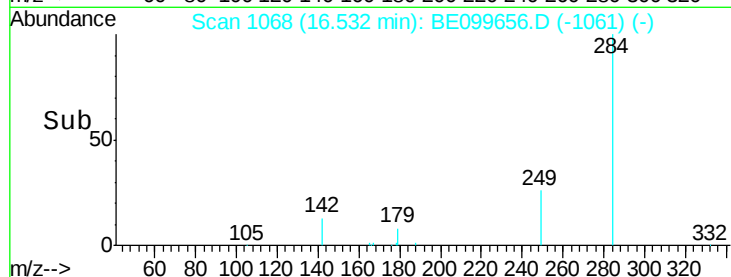
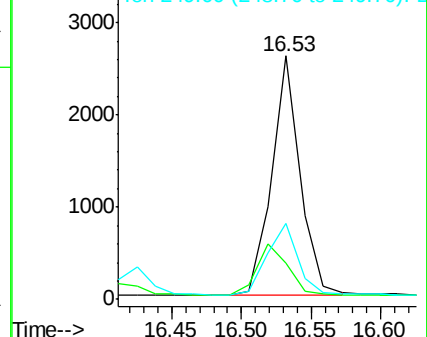
249 31.8 24.6 37.0



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: 0.529 ng

RT: 16.89 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

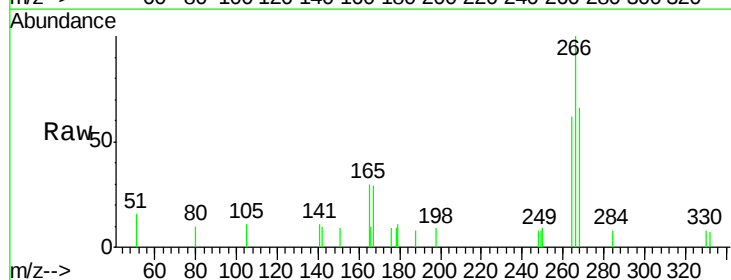
Tgt Ion:266 Resp: 1454

Ion Ratio Lower Upper

266 100

264 61.9 57.7 86.5

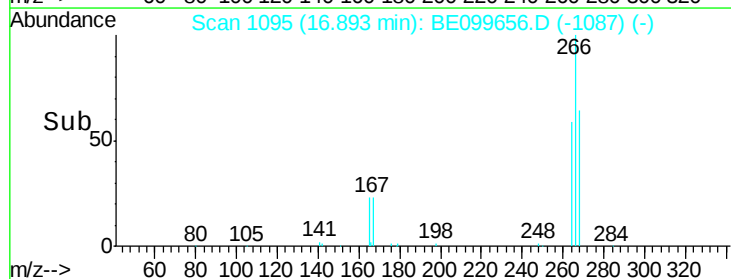
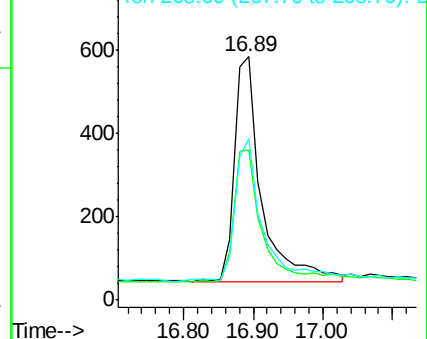
268 66.3 55.8 83.8



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: 0.364 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

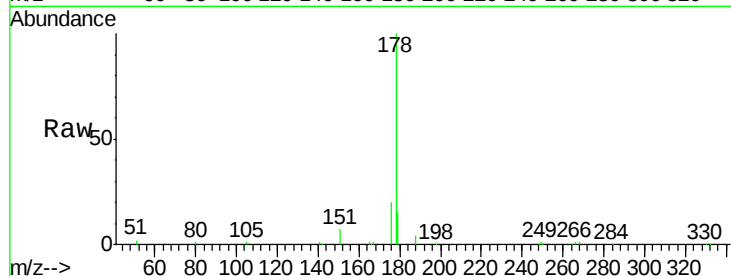
Tgt Ion:178 Resp: 15718

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

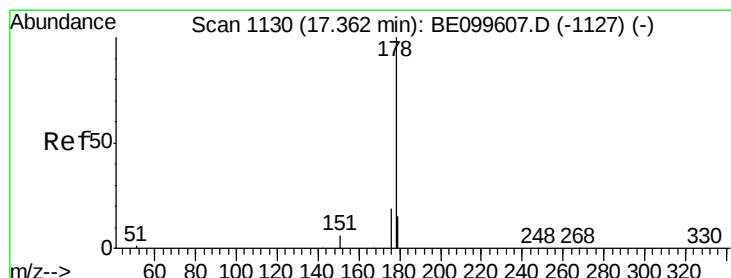
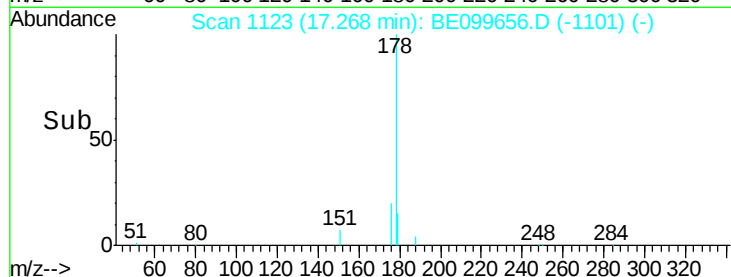
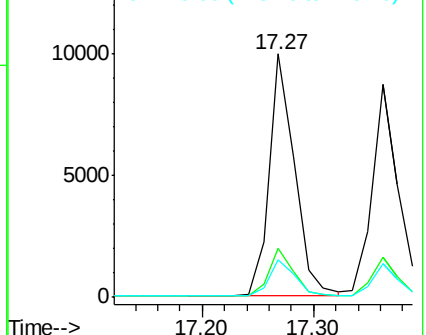
179 15.1 12.2 18.2



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: 0.352 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

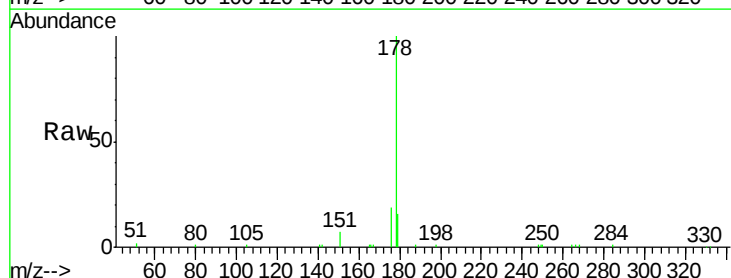
Tgt Ion:178 Resp: 14029

Ion Ratio Lower Upper

178 100

176 18.0 15.2 22.8

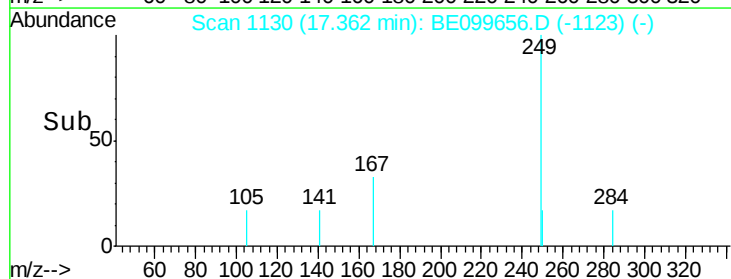
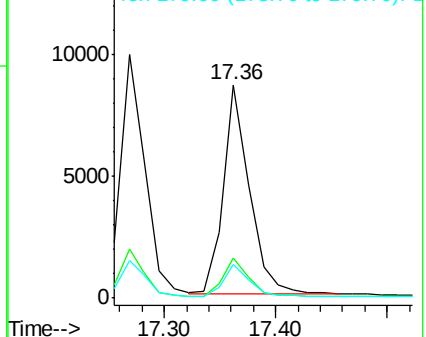
179 15.2 12.1 18.1

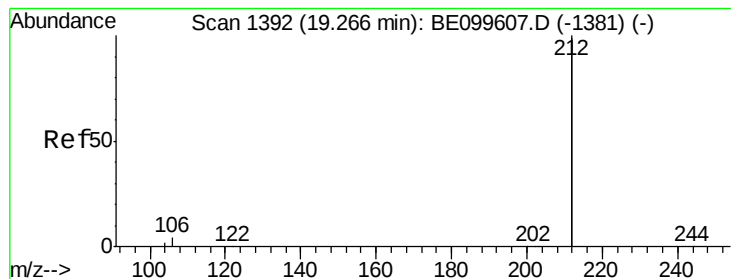


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.360 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

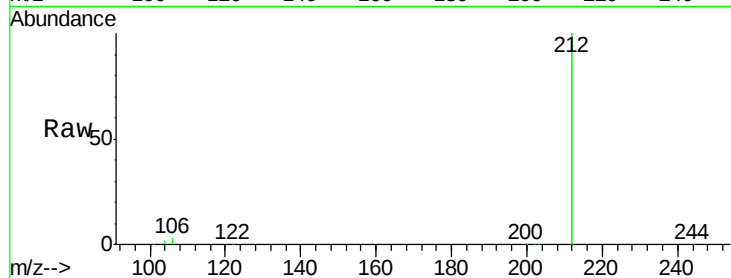
Tgt Ion:212 Resp: 83384

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

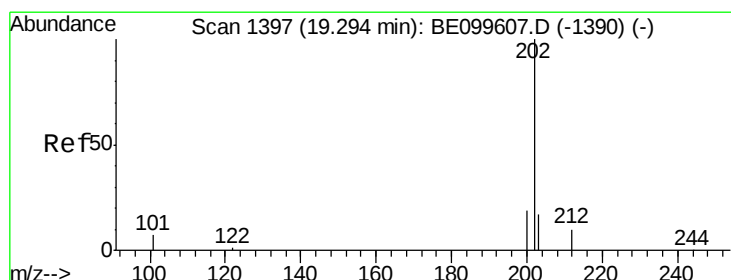
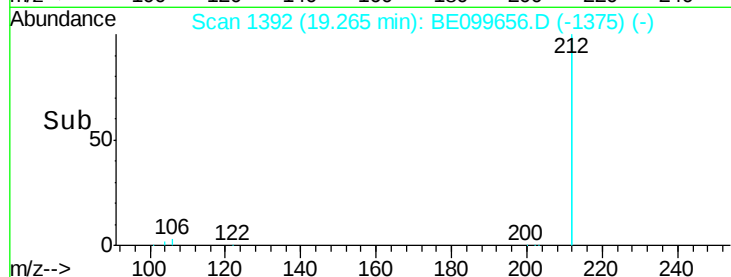
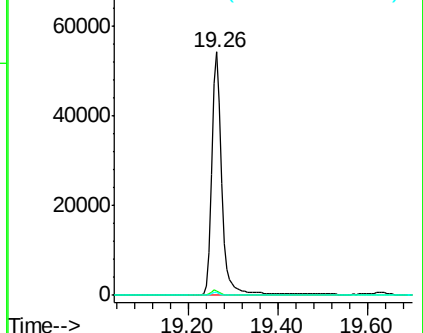
104 1.0 0.9 1.3



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: 0.367 ng

RT: 19.29 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

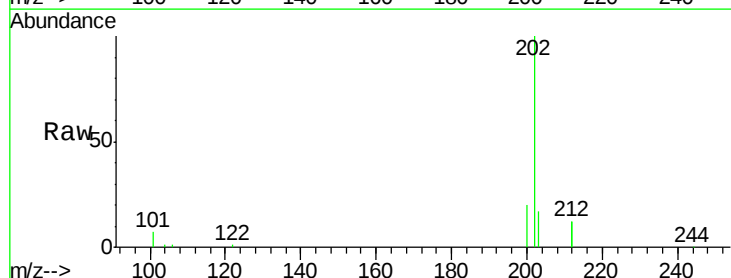
Tgt Ion:202 Resp: 23987

Ion Ratio Lower Upper

202 100

101 6.6 5.0 7.6

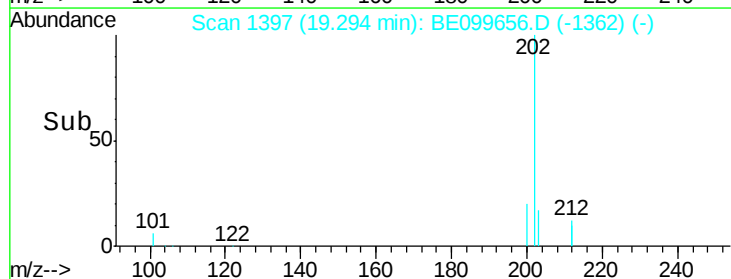
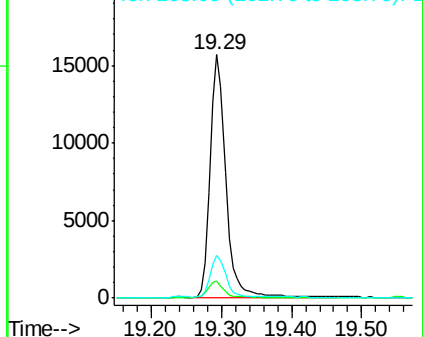
203 17.2 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

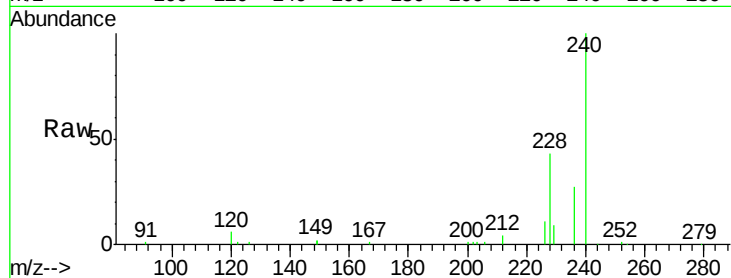




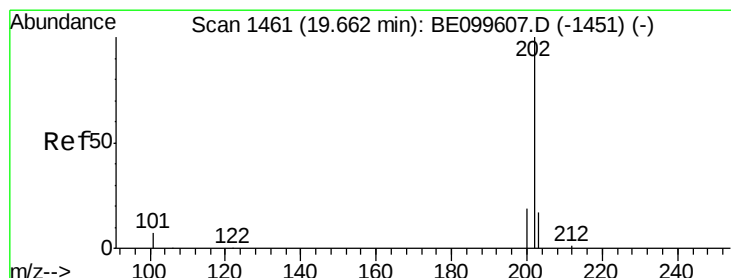
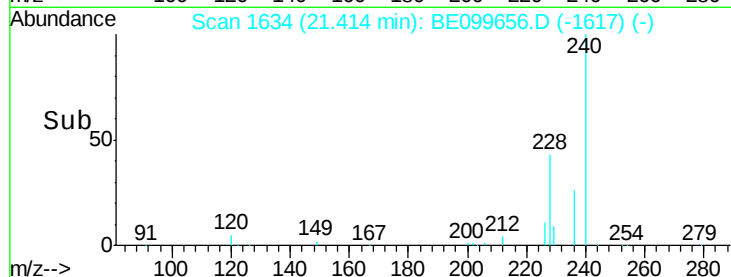
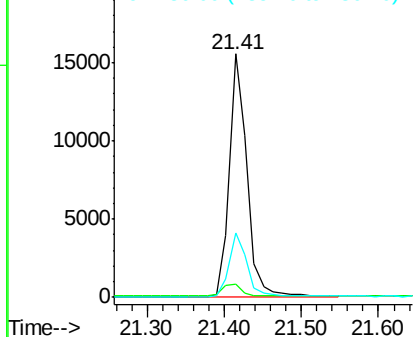
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BE099656.D
 Acq: 17 May 2019 17:26

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:240 Resp: 24466
 Ion Ratio Lower Upper
 240 100
 120 5.5 5.7 8.5#
 236 26.7 22.8 34.2

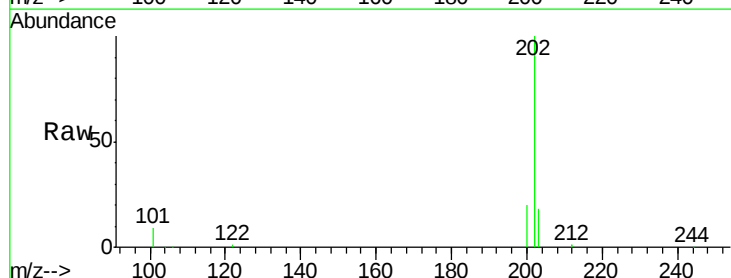


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

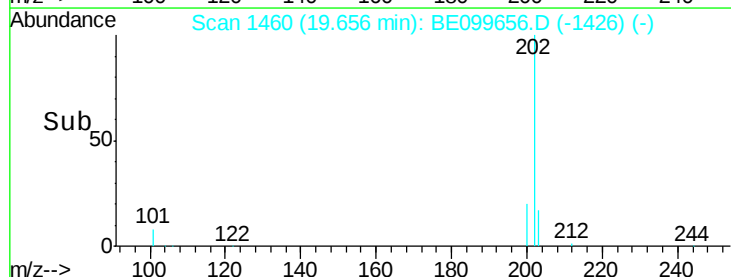
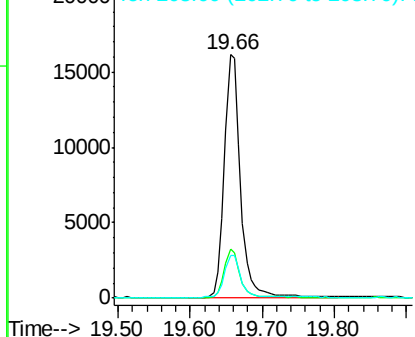


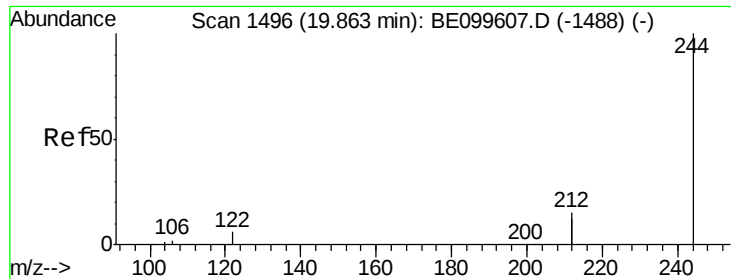
#28
 Pyrene
 Concen: 0.399 ng
 RT: 19.66 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BE099656.D
 Acq: 17 May 2019 17:26

Tgt Ion:202 Resp: 24873
 Ion Ratio Lower Upper
 202 100
 200 19.4 15.8 23.6
 203 17.5 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: 0.385 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

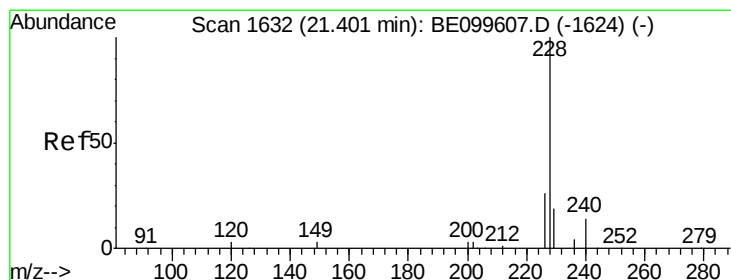
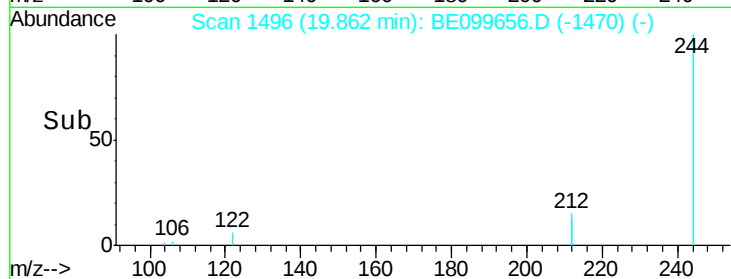
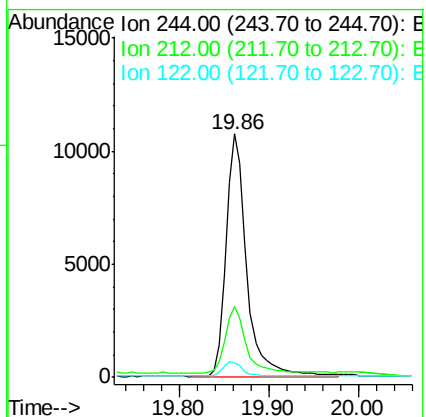
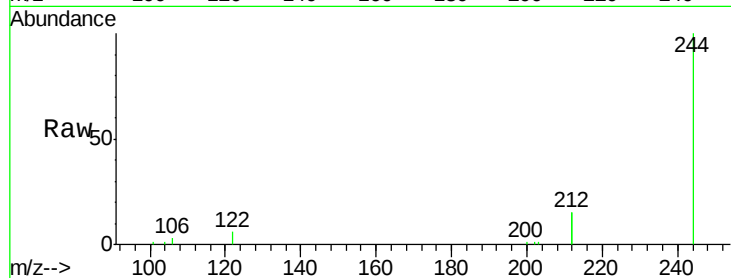
Tgt Ion:244 Resp: 16963

Ion Ratio Lower Upper

244 100

212 29.0 23.8 35.6

122 6.2 5.0 7.6



#30

Benzo(a)anthracene

Concen: 0.388 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

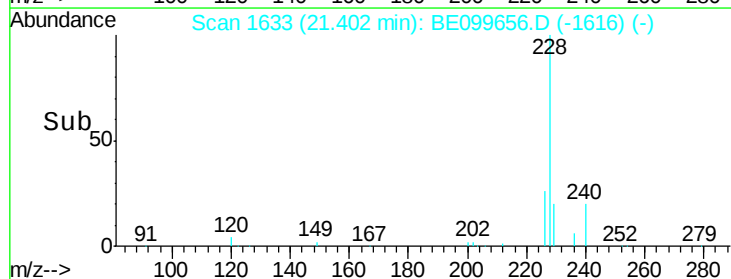
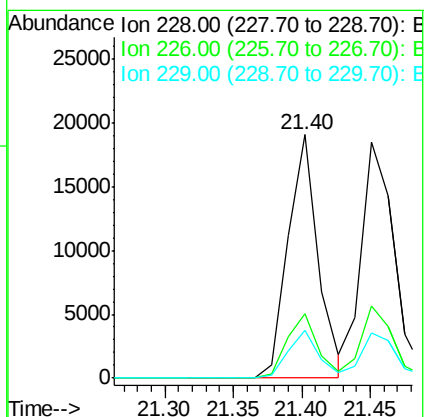
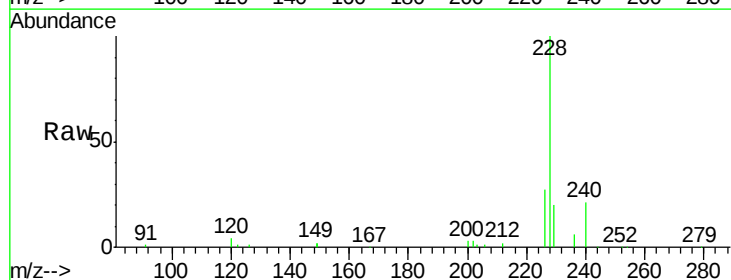
Tgt Ion:228 Resp: 28714

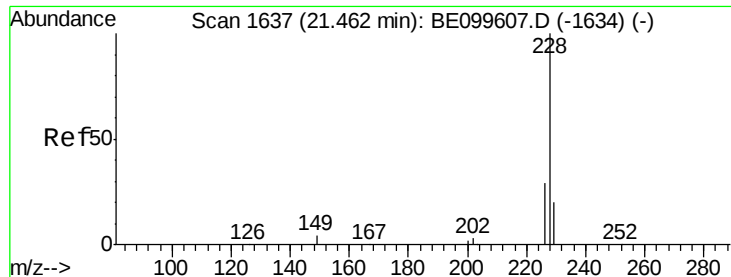
Ion Ratio Lower Upper

228 100

226 26.7 21.4 32.2

229 19.9 15.8 23.8





#31

Chrysene

Concen: 0.401 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

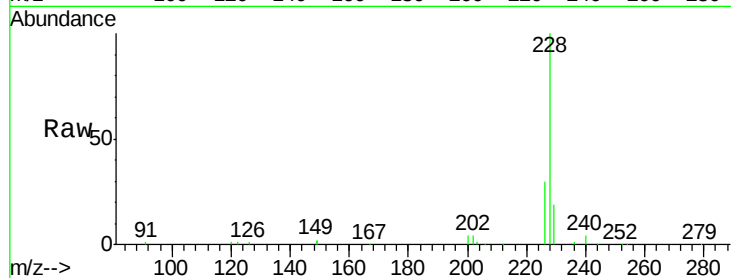
Tgt Ion:228 Resp: 30513

Ion Ratio Lower Upper

228 100

226 30.5 23.0 34.4

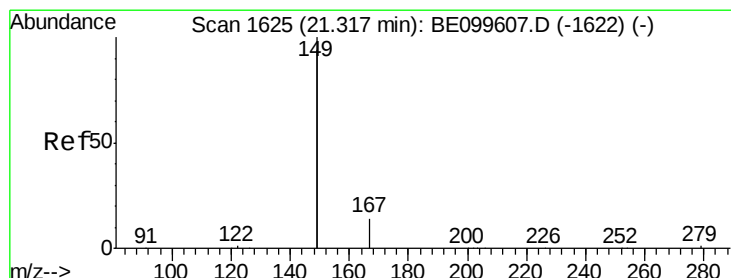
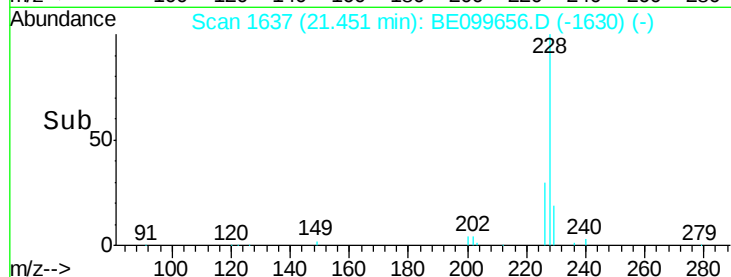
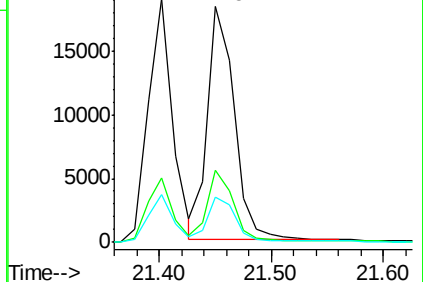
229 19.1 16.4 24.6



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: 0.337 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

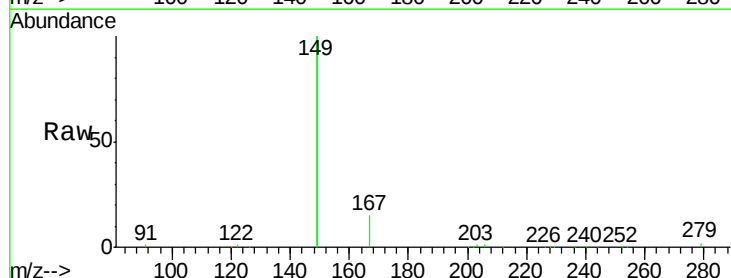
Tgt Ion:149 Resp: 38425

Ion Ratio Lower Upper

149 100

167 7.6 6.0 9.0

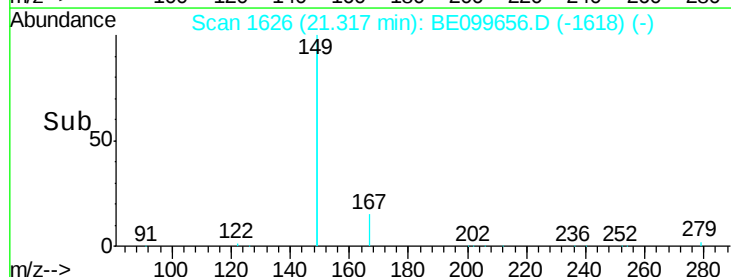
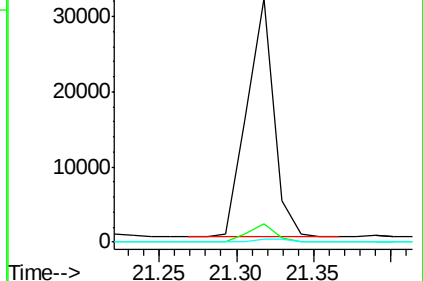
279 1.4 1.1 1.7

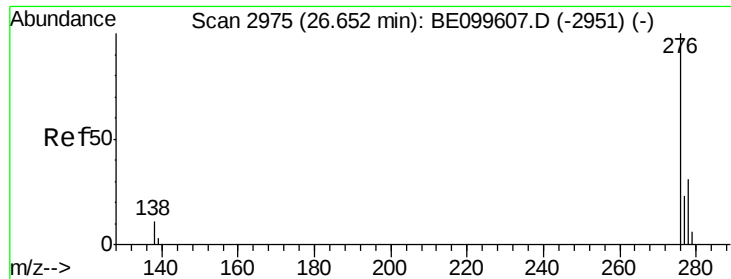


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.405 ng

RT: 26.65 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

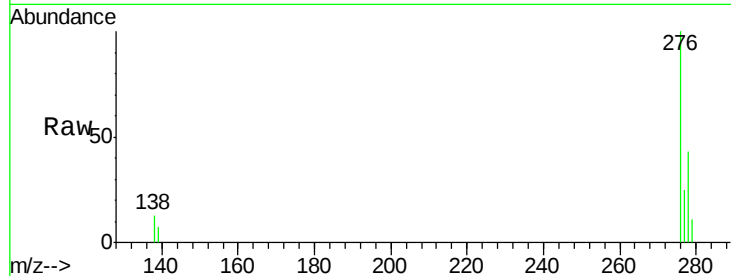
Tgt Ion:276 Resp: 38391

Ion Ratio Lower Upper

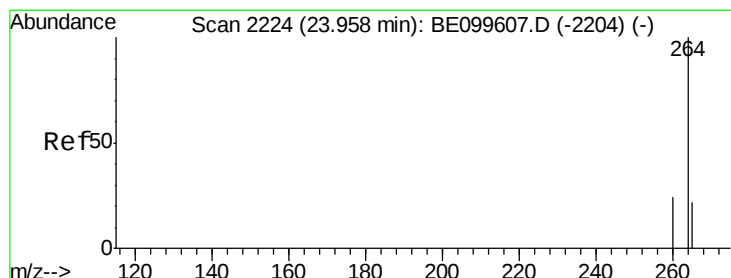
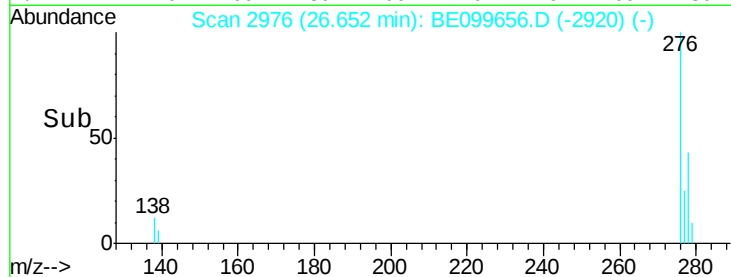
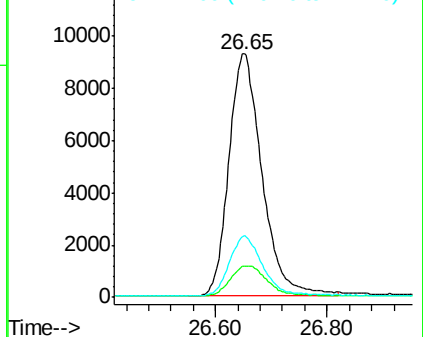
276 100

138 13.3 10.0 15.0

277 24.3 19.1 28.7



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# 2225

Delta R.T. -0.00 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

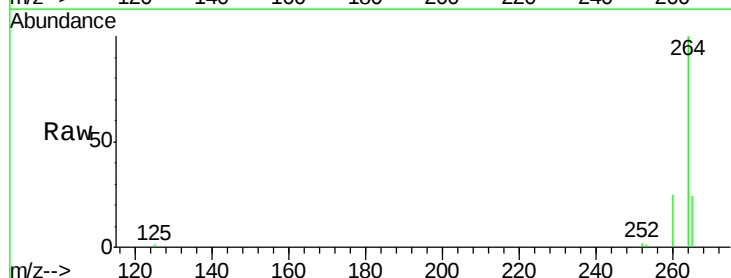
Tgt Ion:264 Resp: 30794

Ion Ratio Lower Upper

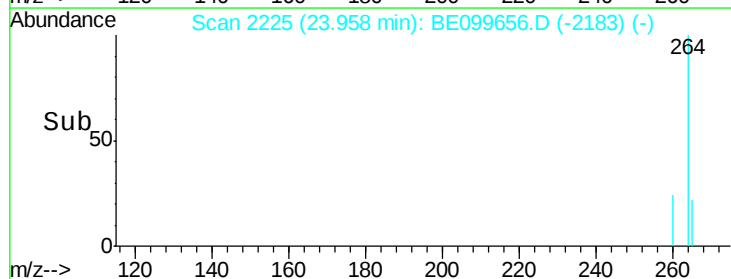
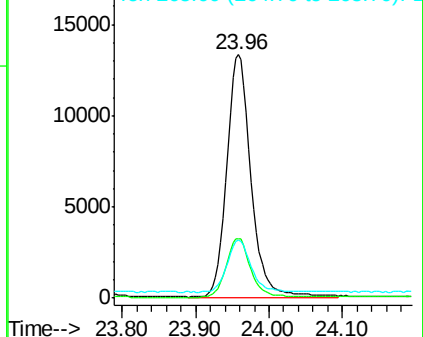
264 100

260 24.6 19.7 29.5

265 24.1 21.2 31.8



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: 0.360 ng

RT: 23.17 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

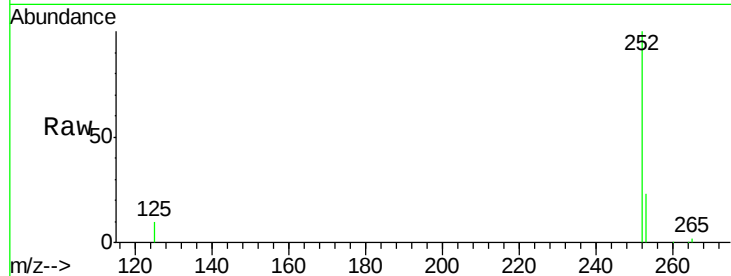
Tgt Ion:252 Resp: 30979

Ion Ratio Lower Upper

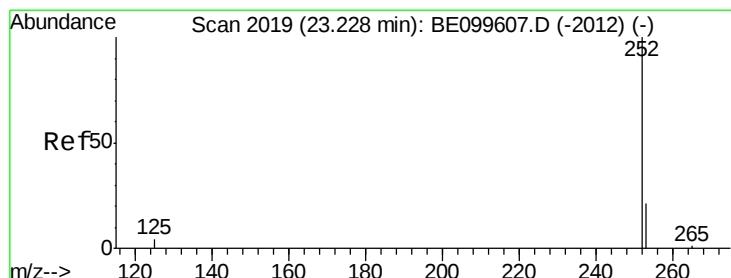
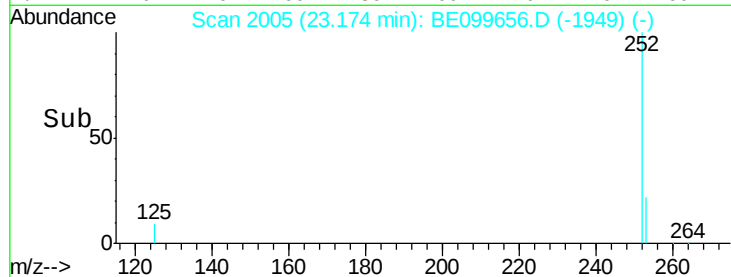
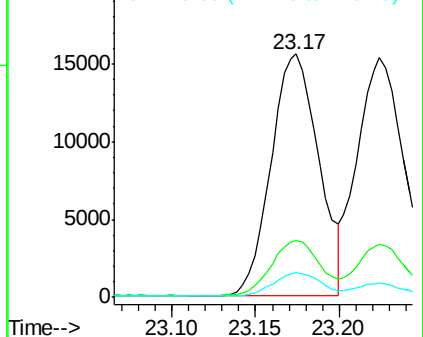
252 100

253 23.3 19.1 28.7

125 10.0 7.8 11.8



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: 0.374 ng

RT: 23.22 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

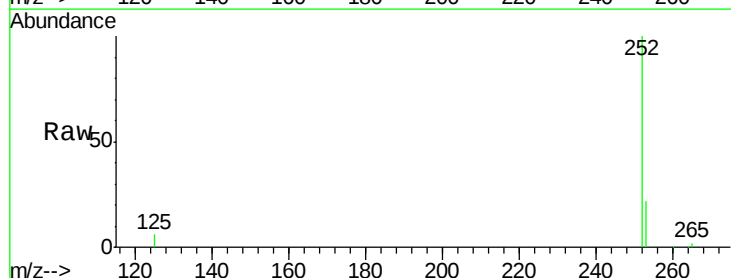
Tgt Ion:252 Resp: 31780

Ion Ratio Lower Upper

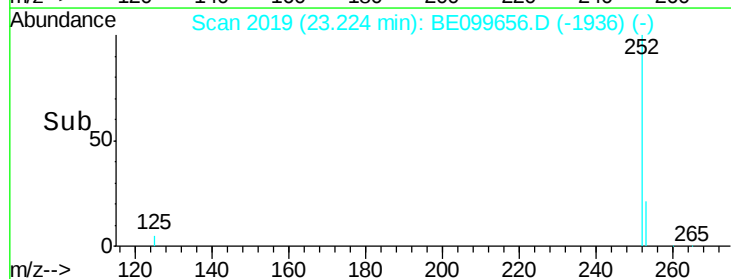
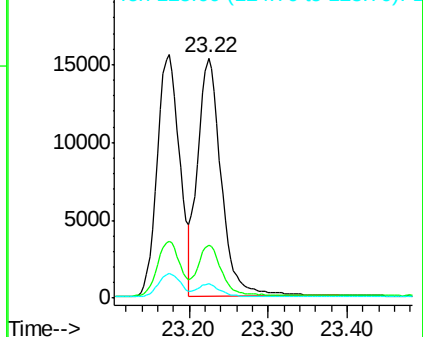
252 100

253 22.1 18.6 28.0

125 5.9 5.2 7.8



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: 0.360 ng

RT: 23.84 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

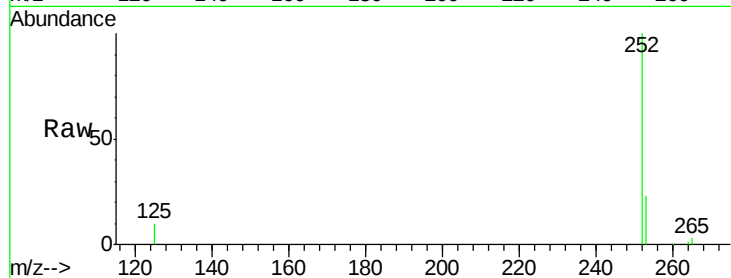
Tgt Ion: 252 Resp: 30042

Ion Ratio Lower Upper

252 100

253 22.9 19.0 28.6

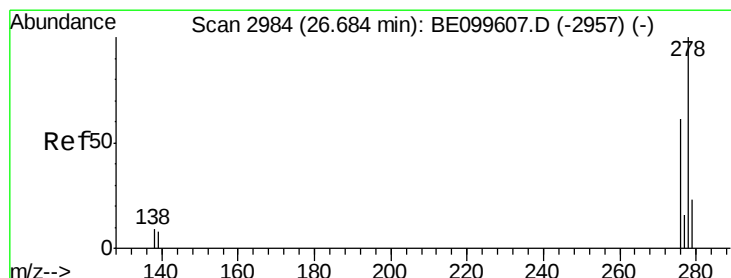
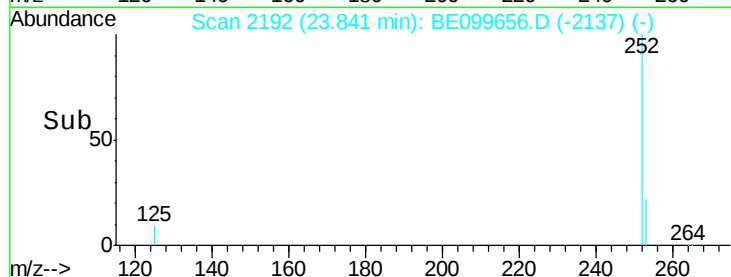
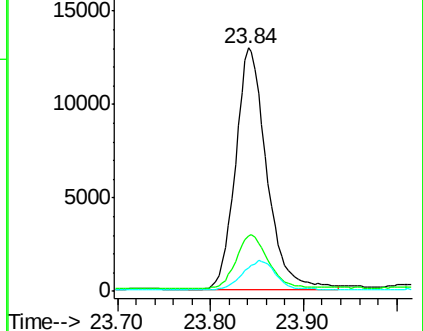
125 9.6 8.8 13.2



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: 0.368 ng

RT: 26.68 min Scan# 2984

Delta R.T. -0.00 min

Lab File: BE099656.D

Acq: 17 May 2019 17:26

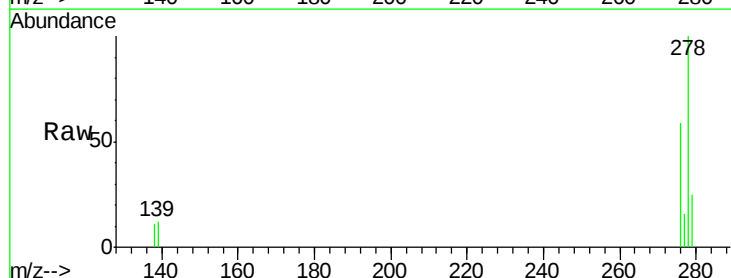
Tgt Ion: 278 Resp: 31837

Ion Ratio Lower Upper

278 100

139 11.8 7.9 11.9

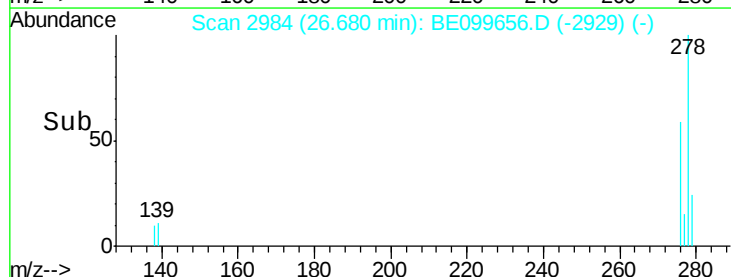
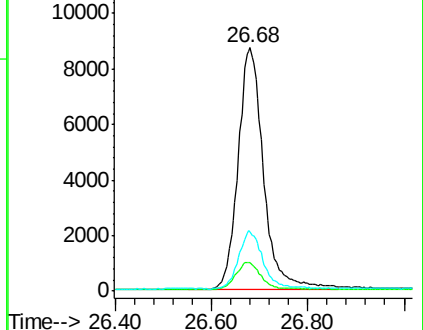
279 24.6 19.5 29.3



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: 0.362 ng

RT: 27.48 min Scan# 3209

Delta R.T. -0.01 min

Lab File: BE099656.D

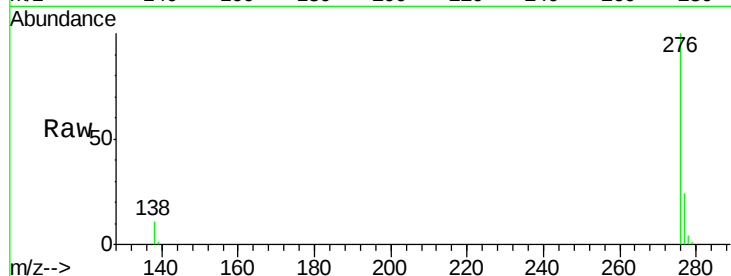
Acq: 17 May 2019 17:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



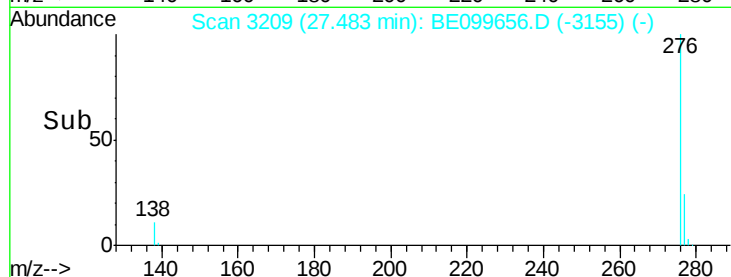
Tgt Ion: 276 Resp: 31513

Ion Ratio Lower Upper

276 100

277 24.3 19.3 28.9

138 11.3 9.1 13.7



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

