

Data File : BE099711.D
Acq On : 22 May 2019 4:22
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 22 08:20:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1946	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	7466	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	5467	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	16149	0.40	ng	0.00
27) Chrysene-d12	21.41	240	21785	0.40	ng	0.00
34) Perylene-d12	23.95	264	25701	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	1886	0.38	ng	0.00
5) Phenol-d6	6.97	99	2531	0.39	ng	0.00
8) Nitrobenzene-d5	8.98	82	2331	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4690	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	1159	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	7355	0.35	ng	0.00
25) Fluoranthene-d10	19.27	212	73192	0.33	ng	0.00
29) Terphenyl-d14	19.86	244	14612	0.38	ng	0.00

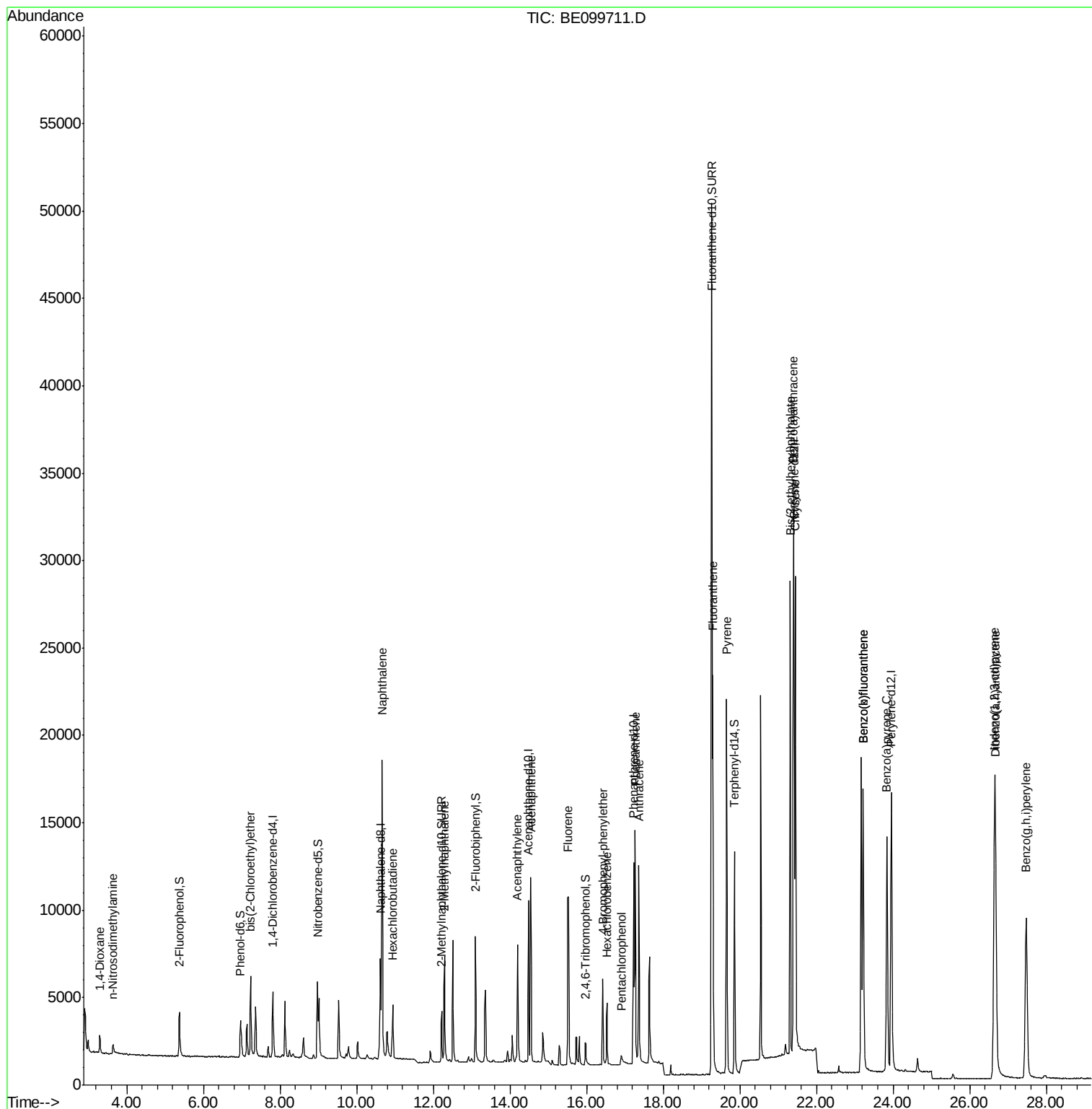
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.29	88	887	0.308	ng	# 85
3) n-Nitrosodimethylamine	3.64	42	422	0.265	ng	# 81
6) bis(2-Chloroethyl)ether	7.23	93	2040	0.352	ng	97
9) Naphthalene	10.67	128	29757	0.373	ng	99
10) Hexachlorobutadiene	10.94	225	2189	0.372	ng	97
12) 2-Methylnaphthalene	12.29	142	4936	0.379	ng	98
16) Acenaphthylene	14.20	152	9332	0.366	ng	99
17) Acenaphthene	14.54	154	5305	0.371	ng	99
18) Fluorene	15.53	166	7555	0.359	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	3297	0.354	ng	96
21) Hexachlorobenzene	16.53	284	3457	0.363	ng	98
22) Pentachlorophenol	16.91	266	824	0.460	ng	94
23) Phenanthrene	17.27	178	14369	0.364	ng	100
24) Anthracene	17.36	178	12730	0.356	ng	99
26) Fluoranthene	19.29	202	20893	0.335	ng	100
28) Pyrene	19.66	202	21872	0.400	ng	100
30) Benzo(a)anthracene	21.40	228	24849	0.401	ng	99
31) Chrysene	21.45	228	26108	0.394	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	32039	0.449	ng	99
33) Indeno(1,2,3-cd)pyrene	26.64	276	31574	0.395	ng	99
35) Benzo(b)fluoranthene	23.22	252	26135	0.371	ng	99
36) Benzo(k)fluoranthene	23.22	252	26223	0.357	ng	100
37) Benzo(a)pyrene	23.84	252	24633	0.363	ng	# 98
38) Dibenzo(a,h)anthracene	26.68	278	25916	0.364	ng	98
39) Benzo(g,h,i)perylene	27.48	276	25811	0.359	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: 7.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

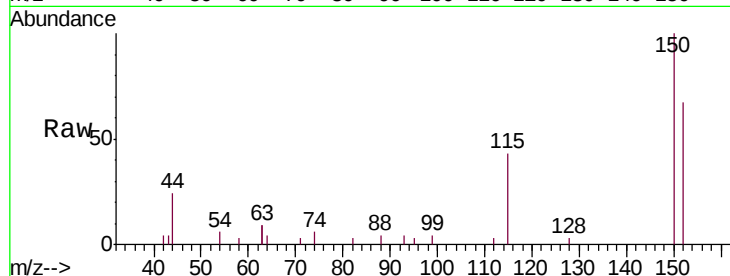
Tgt Ion:152 Resp: 1946

Ion Ratio Lower Upper

152 100

150 148.5 109.2 163.8

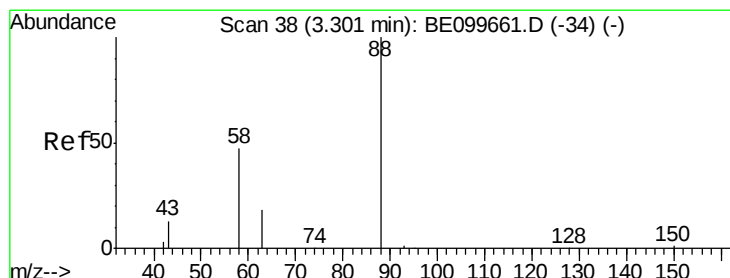
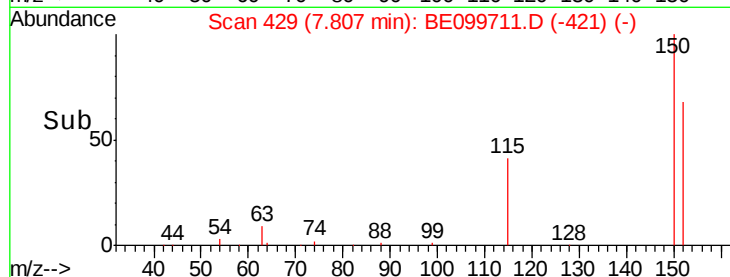
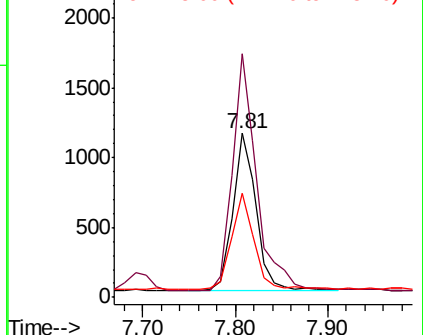
115 63.1 43.7 65.5



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: 0.308 ng

RT: 3.29 min Scan# 37

Delta R.T. -0.01 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

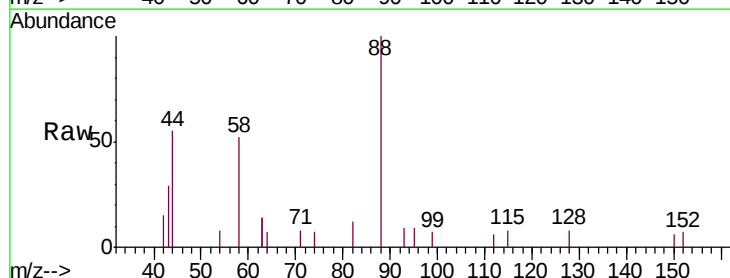
Tgt Ion: 88 Resp: 887

Ion Ratio Lower Upper

88 100

58 63.9 41.8 62.8#

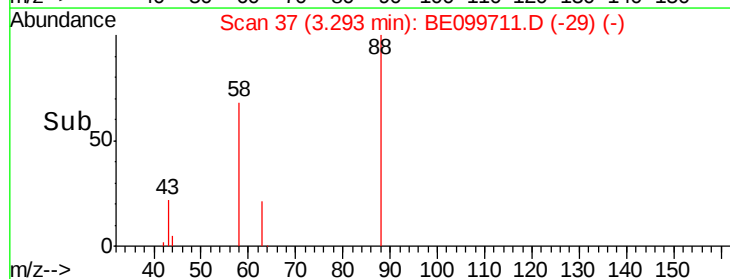
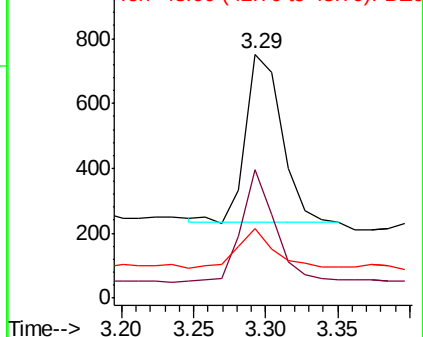
43 23.4 15.0 22.4#



Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.265 ng

RT: 3.64 min Scan# 67

Delta R.T. 0.00 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

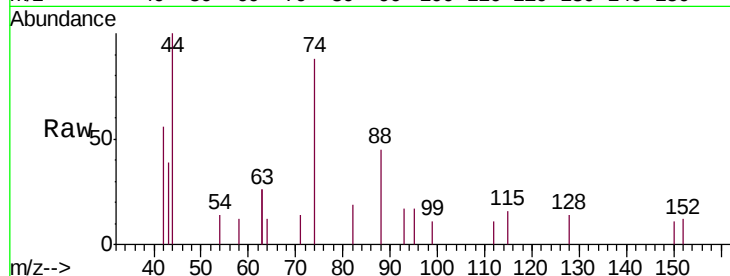
Tgt Ion: 42 Resp: 422

Ion Ratio Lower Upper

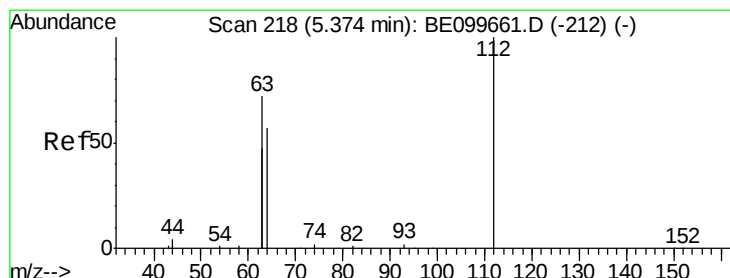
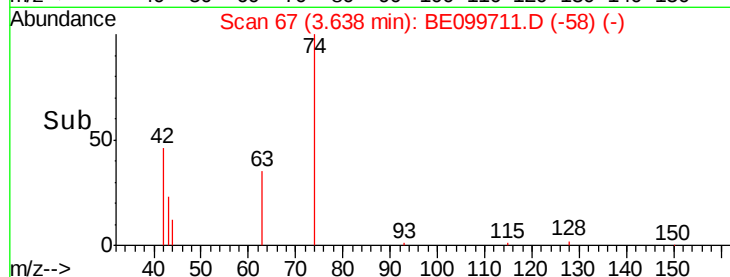
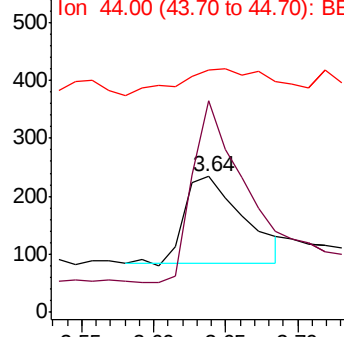
42 100

74 186.5 129.2 193.8

44 44.3 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: 0.384 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

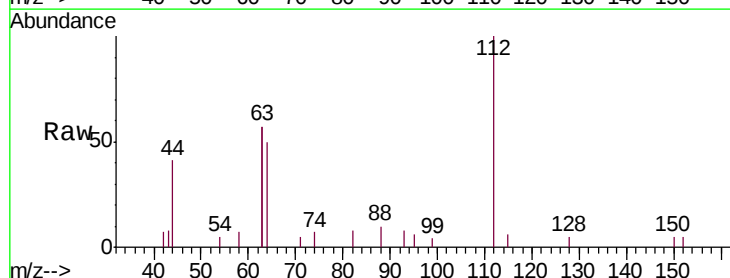
Tgt Ion: 112 Resp: 1886

Ion Ratio Lower Upper

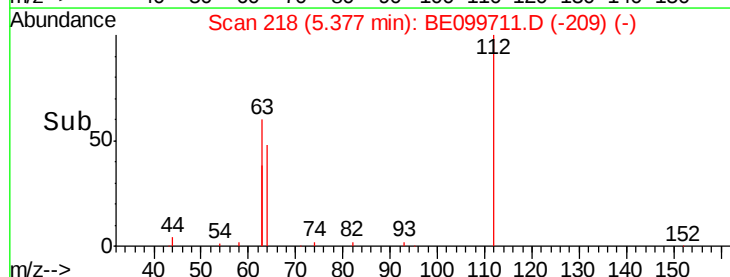
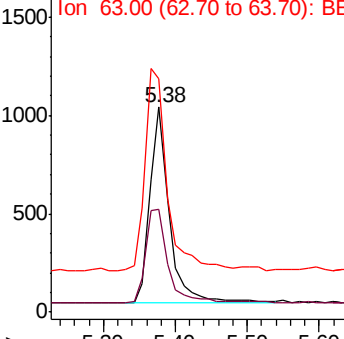
112 100

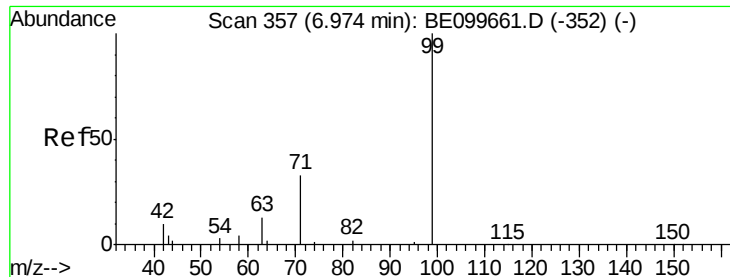
64 56.0 43.4 65.2

63 115.9 96.9 145.3



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: 0.389 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

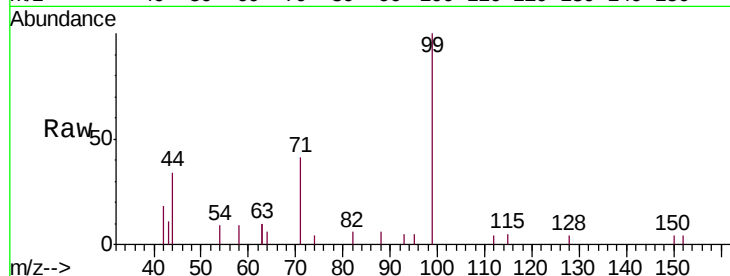
Tgt Ion: 99 Resp: 2531

Ion Ratio Lower Upper

99 100

42 15.7 12.2 18.2

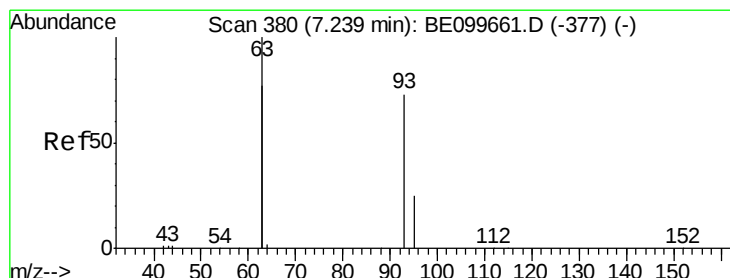
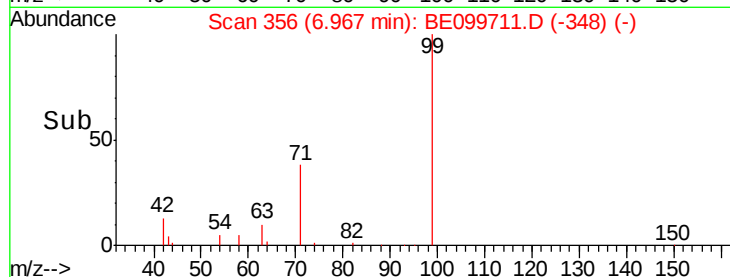
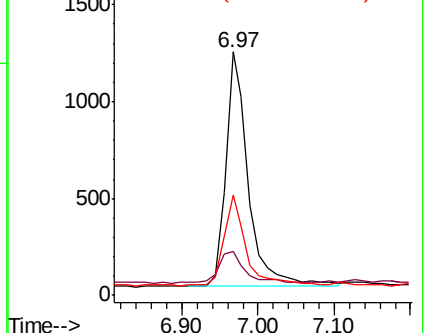
71 37.7 28.9 43.3



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: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

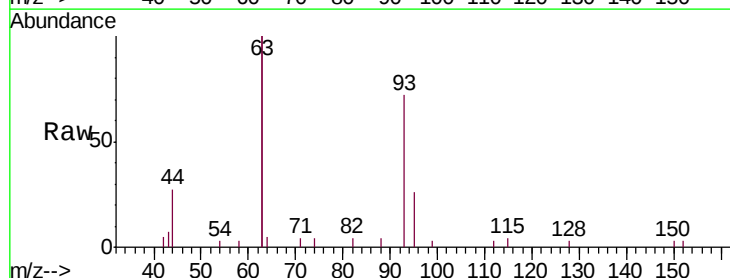
Tgt Ion: 93 Resp: 2040

Ion Ratio Lower Upper

93 100

63 266.3 207.8 311.6

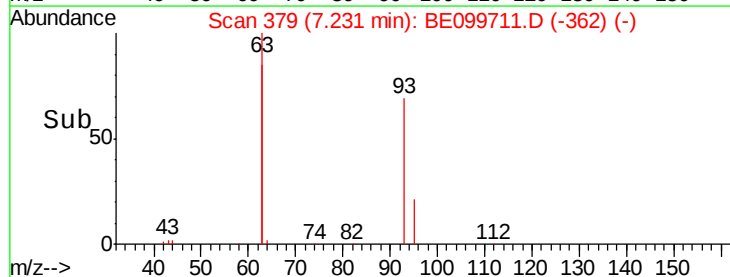
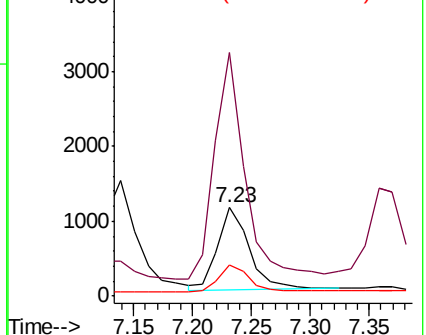
95 32.6 25.9 38.9

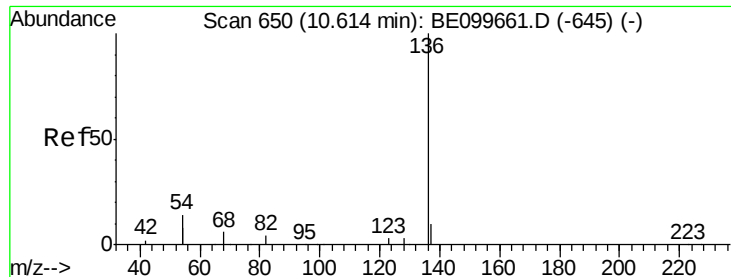


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099711.D

Acq: 22 May 2019 4:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 7466

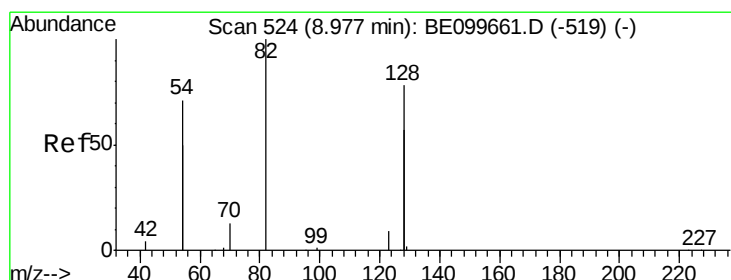
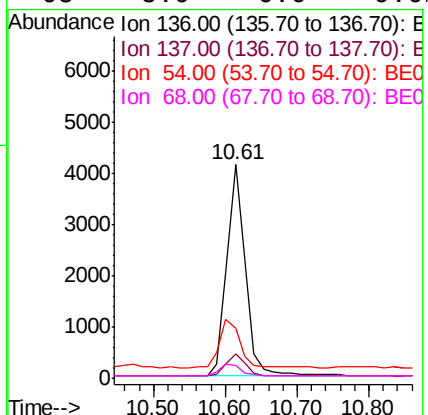
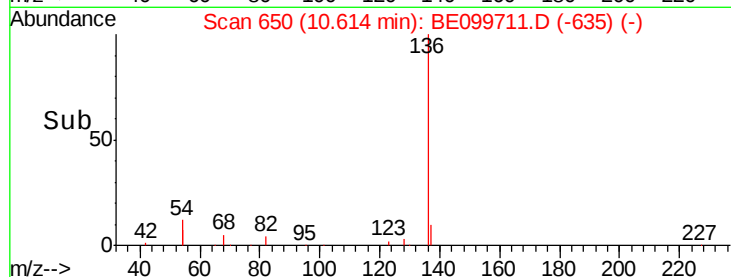
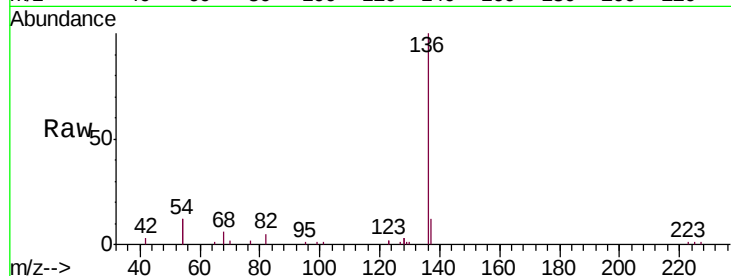
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 23.1 22.3 33.5

68 5.9 6.0 9.0#



#8

Nitrobenzene-d5

Concen: 0.361 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

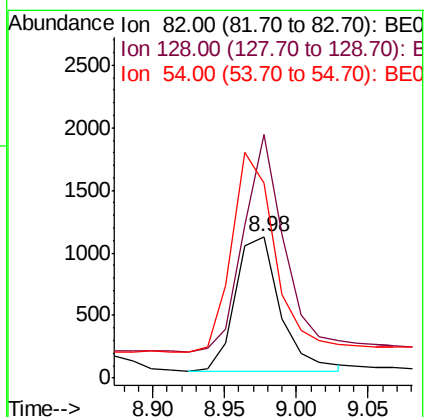
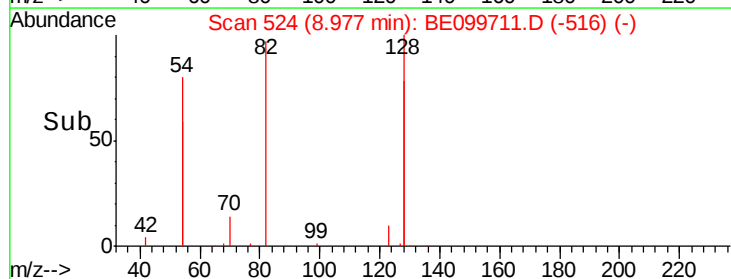
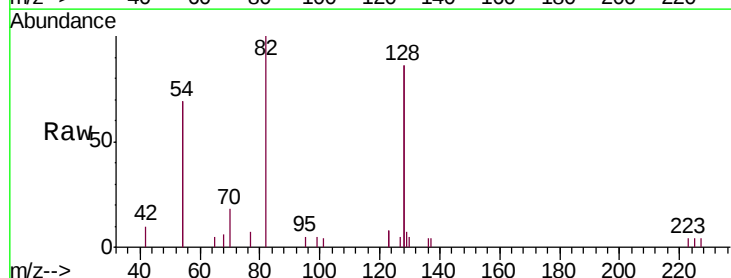
Tgt Ion: 82 Resp: 2331

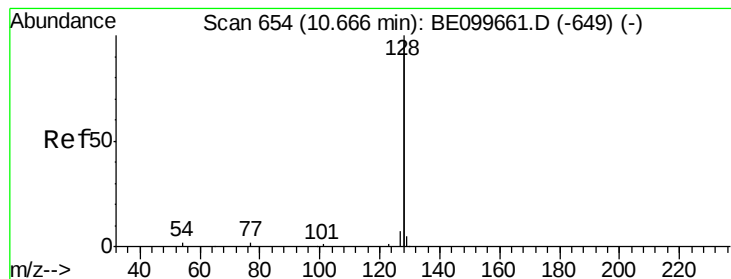
Ion Ratio Lower Upper

82 100

128 172.4 117.7 176.5

54 137.6 106.6 160.0





#9

Naphthalene

Concen: 0.373 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

Instrument :

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ClientSampleId :

SSTDCCC0.4EC

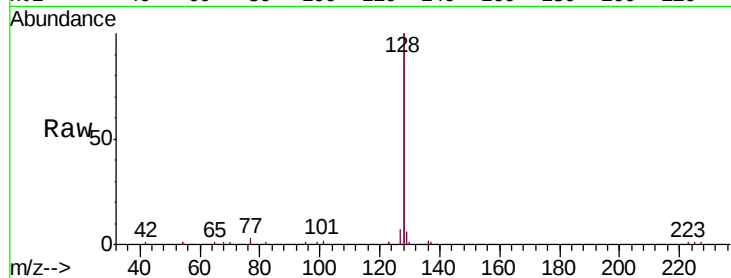
Tgt Ion:128 Resp: 29757

Ion Ratio Lower Upper

128 100

129 3.0 2.4 3.6

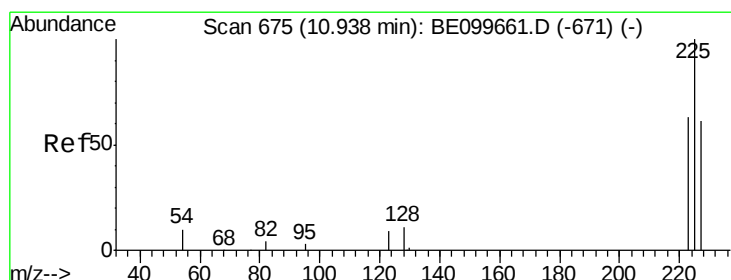
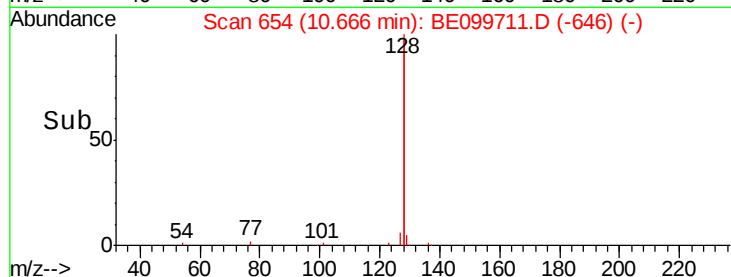
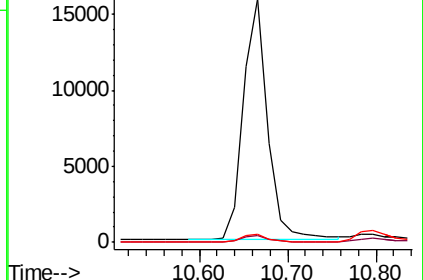
127 3.3 2.9 4.3



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: 0.372 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

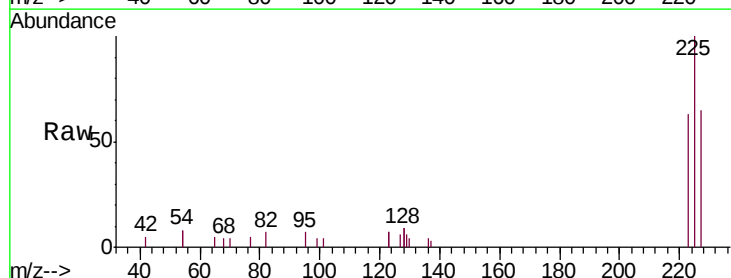
Tgt Ion:225 Resp: 2189

Ion Ratio Lower Upper

225 100

223 62.2 51.8 77.6

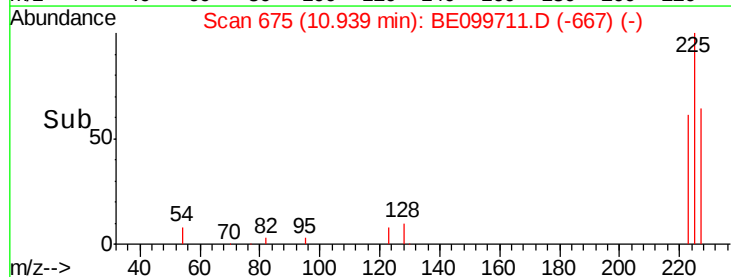
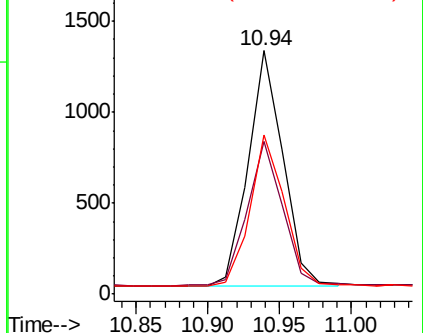
227 63.2 52.6 79.0

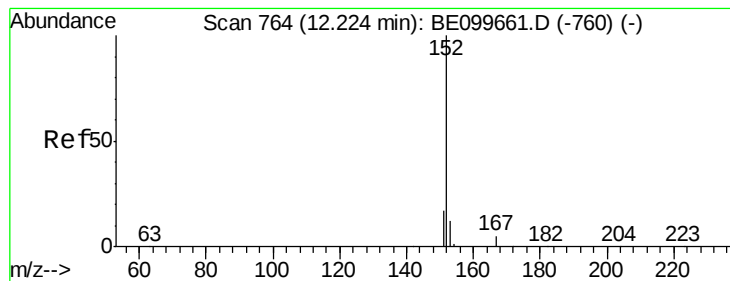


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.364 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

Instrument :

BNA_E

ClientSampleId :

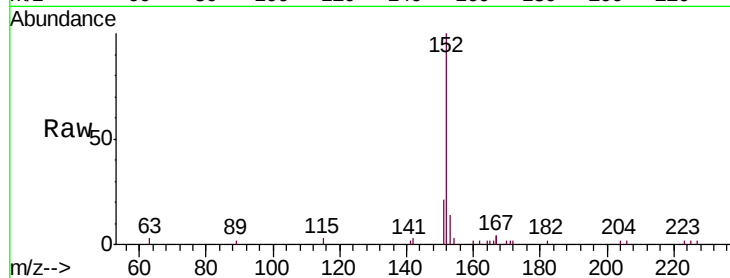
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4690

Ion Ratio Lower Upper

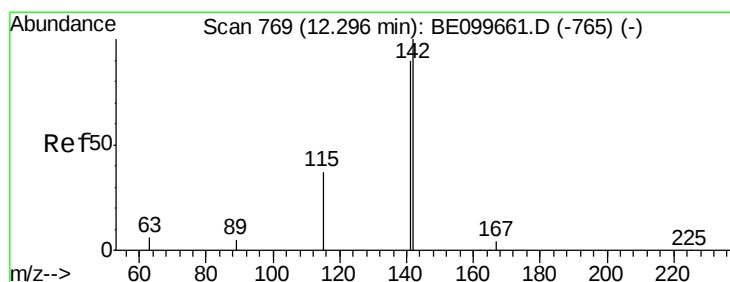
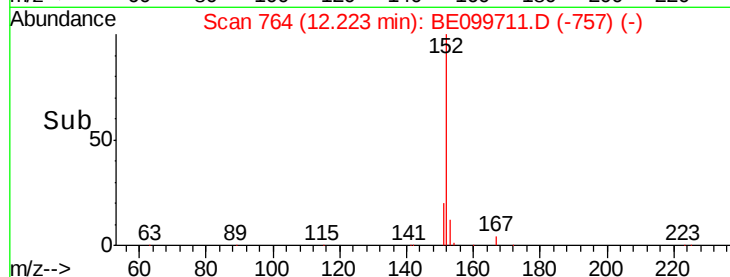
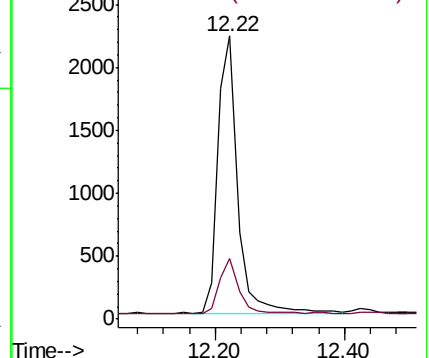
152 100

151 19.3 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.379 ng

RT: 12.29 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

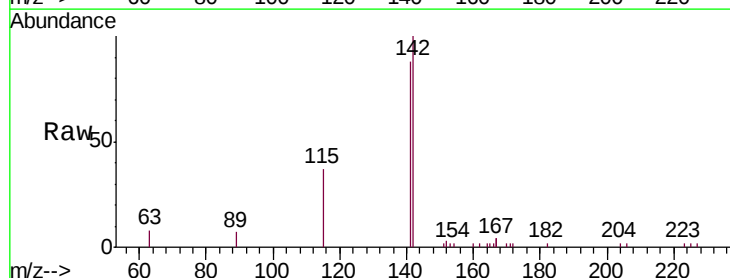
Tgt Ion:142 Resp: 4936

Ion Ratio Lower Upper

142 100

141 88.3 72.0 108.0

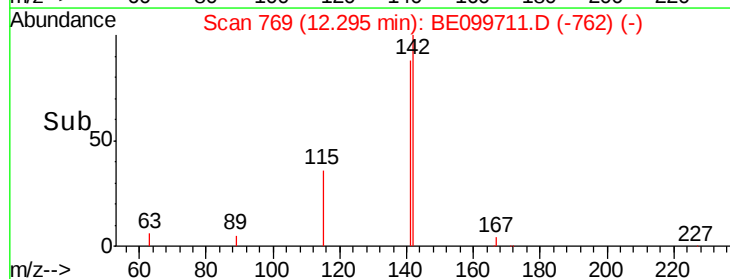
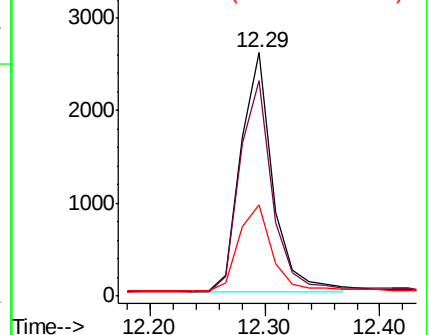
115 37.2 31.0 46.4

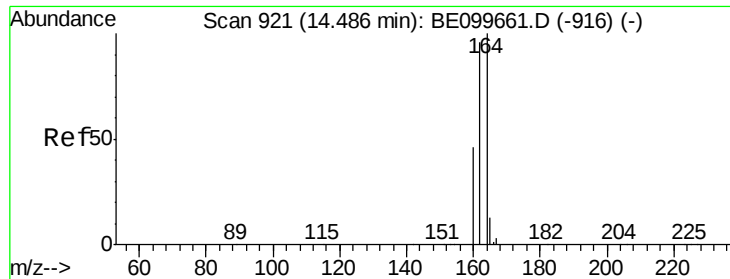


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

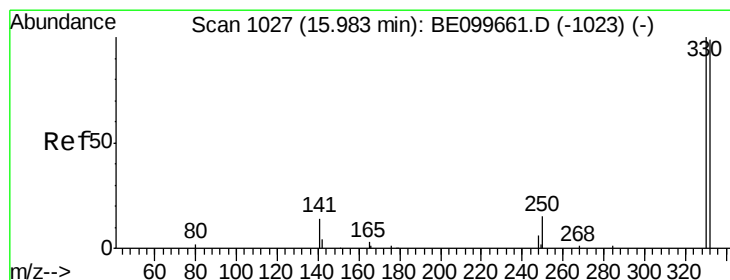
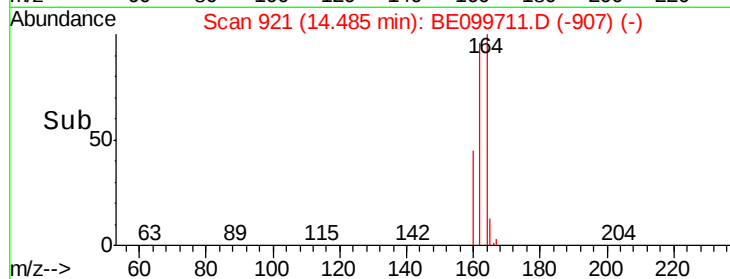
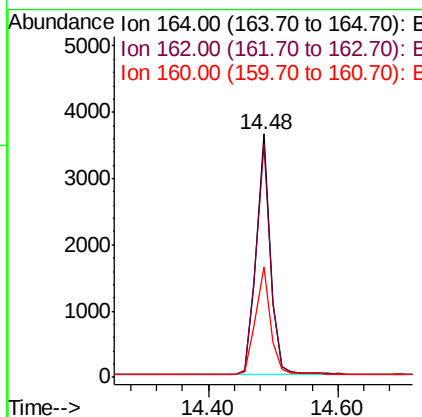
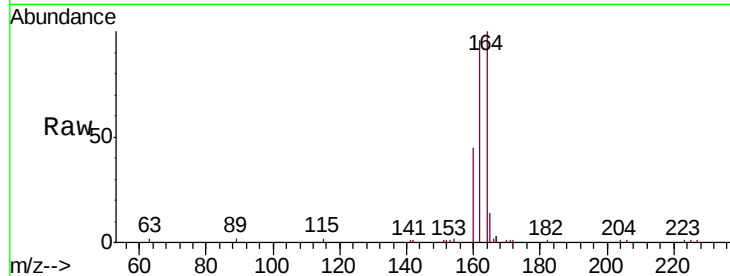




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099711.D
Acq: 22 May 2019 4:22

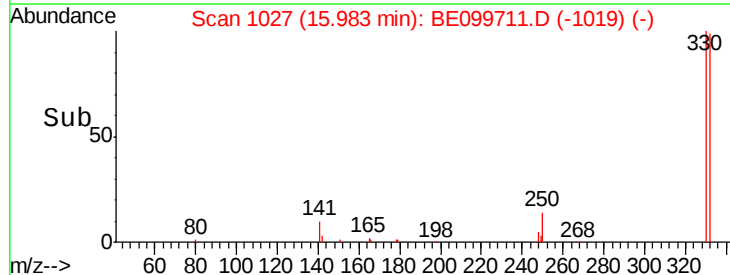
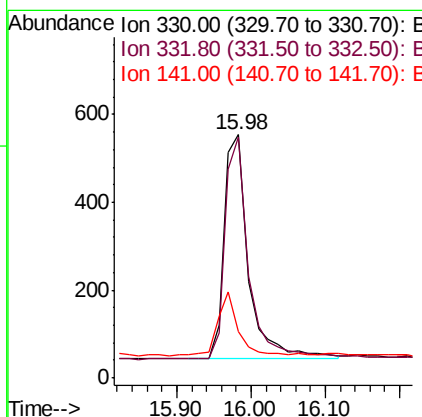
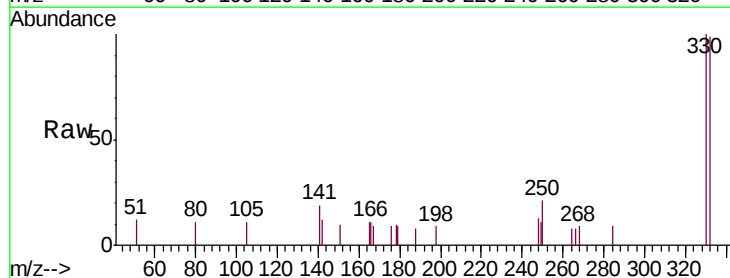
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

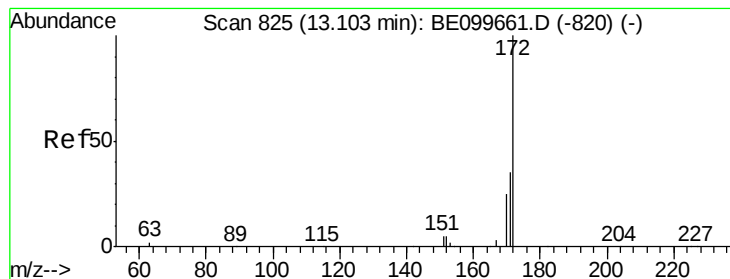
Tgt Ion:164 Resp: 5467
Ion Ratio Lower Upper
164 100
162 95.8 76.5 114.7
160 45.5 37.4 56.2



#14
2,4,6-Tribromophenol
Concen: 0.409 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099711.D
Acq: 22 May 2019 4:22

Tgt Ion:330 Resp: 1159
Ion Ratio Lower Upper
330 100
332 98.1 77.3 115.9
141 23.0 18.9 28.3





#15

2-Fluorobiphenyl

Concen: 0.355 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

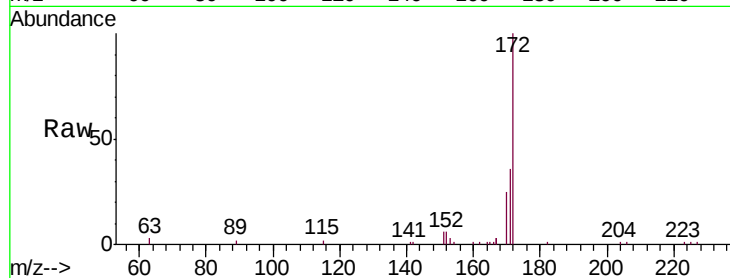
Tgt Ion:172 Resp: 7355

Ion Ratio Lower Upper

172 100

171 36.1 28.7 43.1

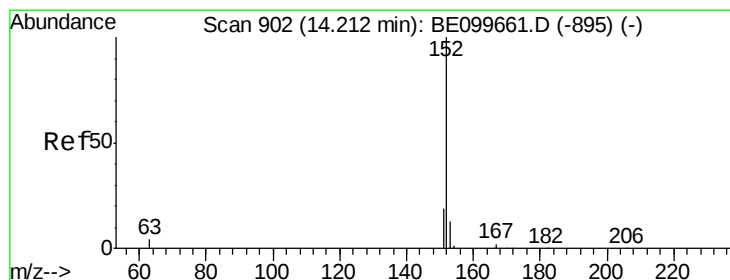
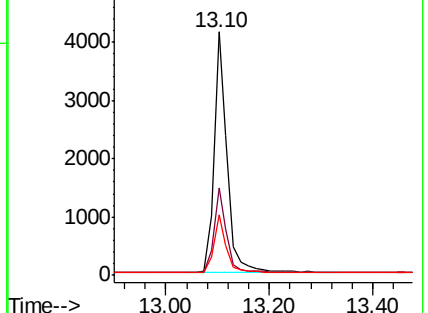
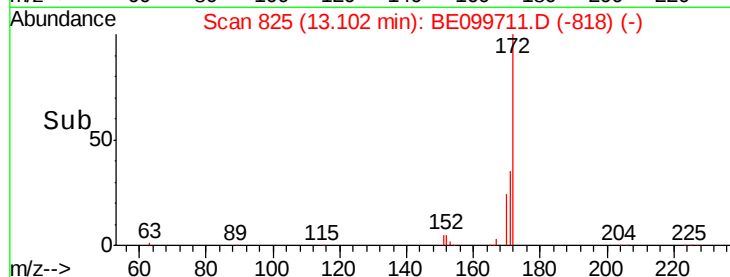
170 25.0 20.9 31.3



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: 0.366 ng

RT: 14.20 min Scan# 901

Delta R.T. -0.02 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

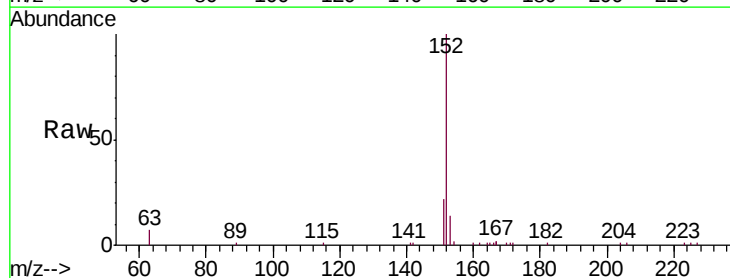
Tgt Ion:152 Resp: 9332

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

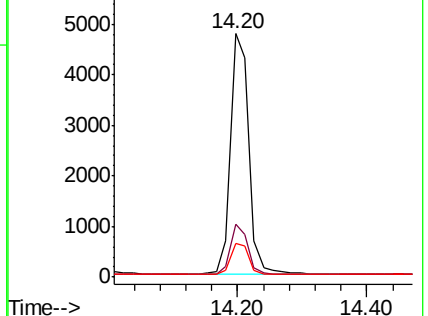
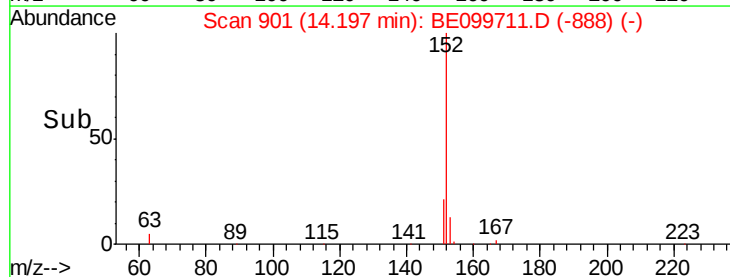
153 12.9 10.6 16.0

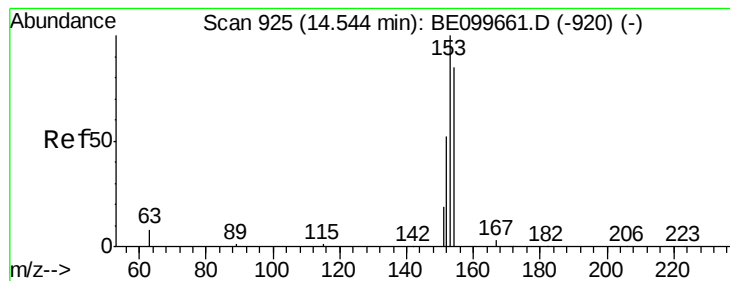


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.371 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

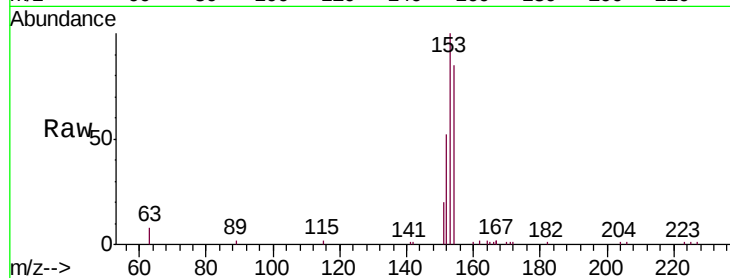
Tgt Ion:154 Resp: 5305

Ion Ratio Lower Upper

154 100

153 116.2 91.8 137.6

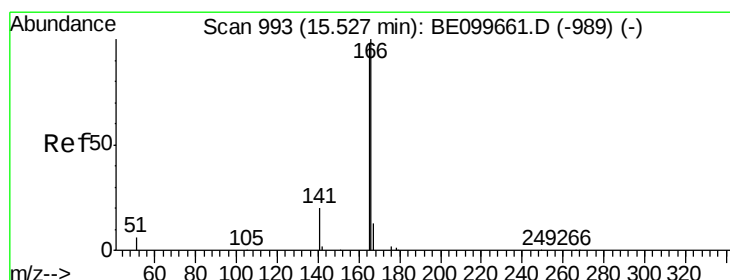
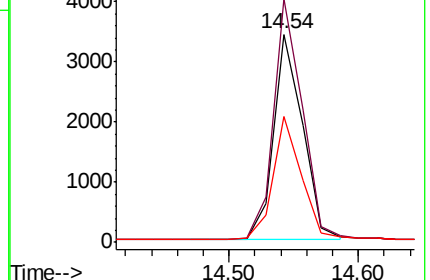
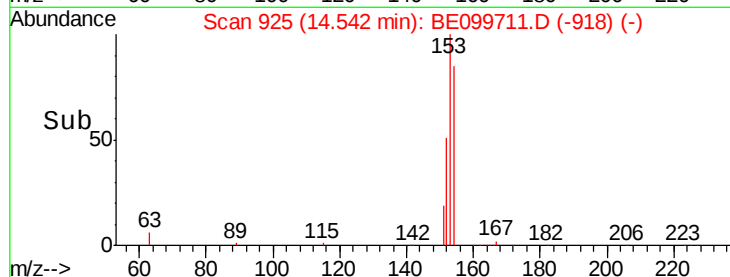
152 58.0 46.0 69.0



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: 0.359 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

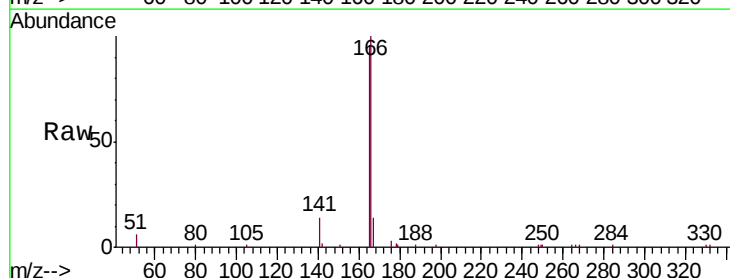
Tgt Ion:166 Resp: 7555

Ion Ratio Lower Upper

166 100

165 99.5 80.3 120.5

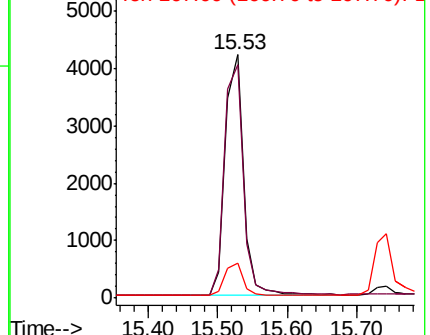
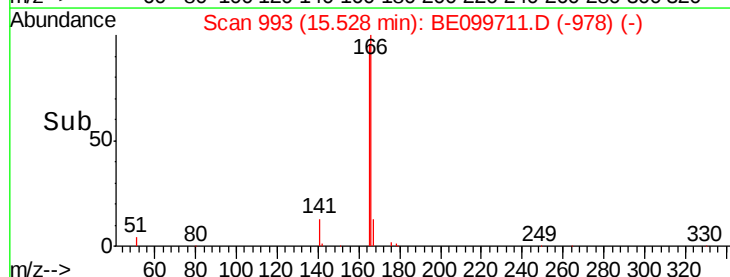
167 13.7 10.6 16.0

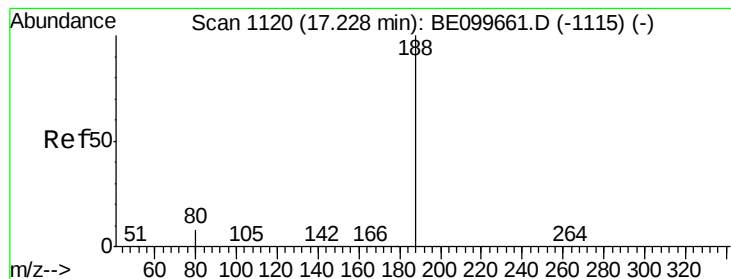


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099711.D

Acq: 22 May 2019 4:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

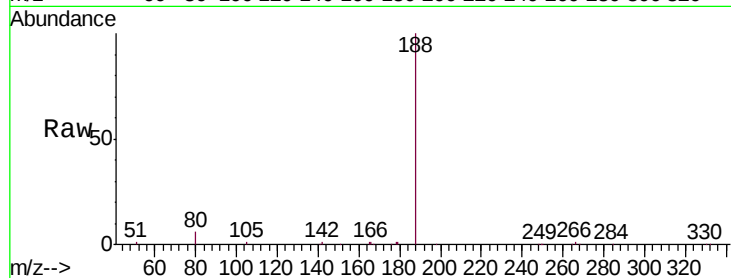
Tgt Ion:188 Resp: 16149

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

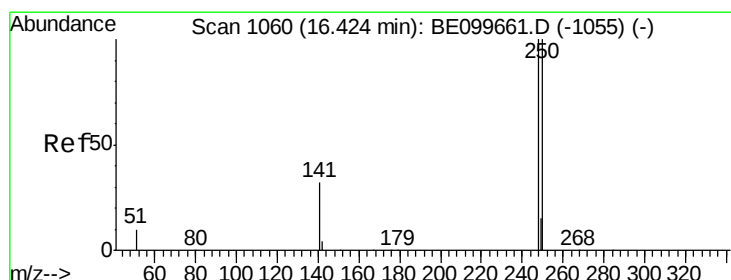
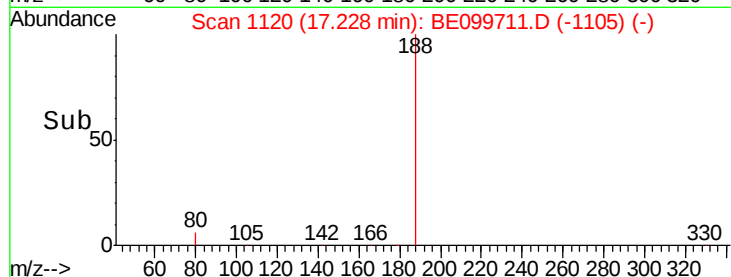
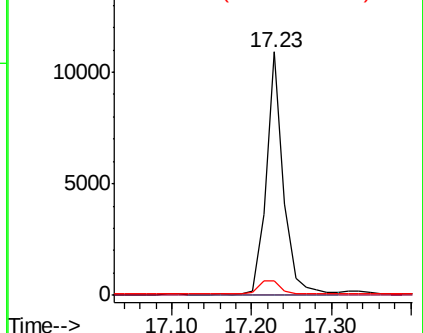
80 6.2 6.7 10.1#



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: 0.354 ng

RT: 16.42 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

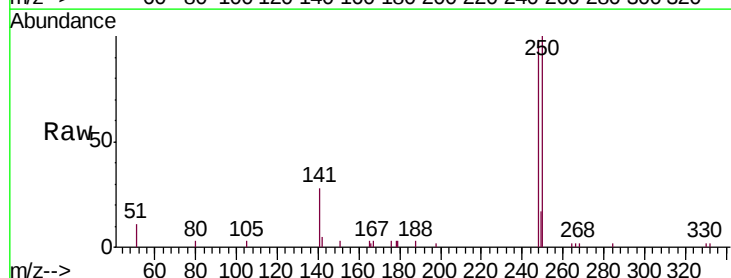
Tgt Ion:248 Resp: 3297

Ion Ratio Lower Upper

248 100

250 101.7 79.8 119.8

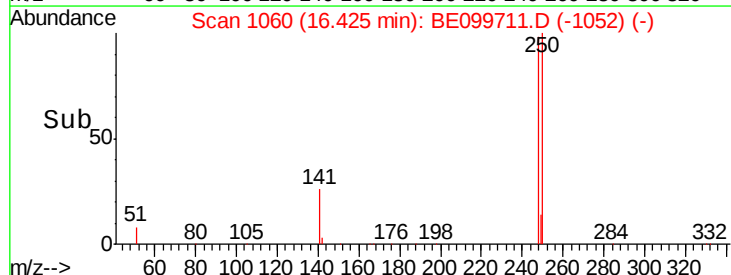
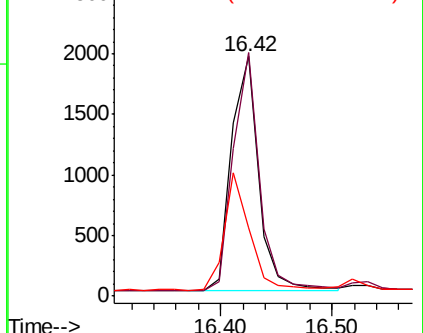
141 28.7 27.0 40.6

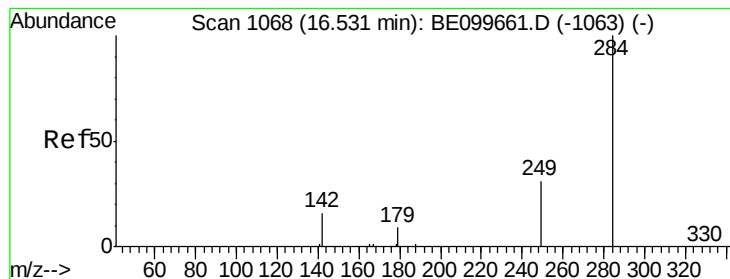


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.363 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

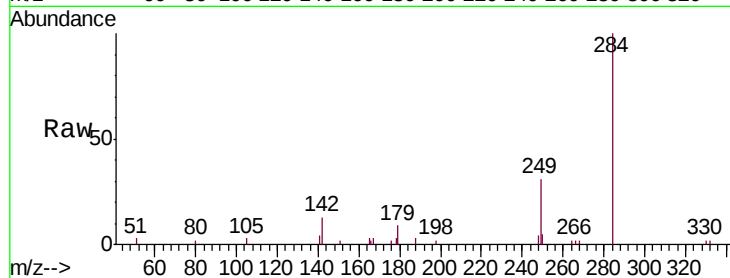
Tgt Ion:284 Resp: 3457

Ion Ratio Lower Upper

284 100

142 22.6 17.8 26.6

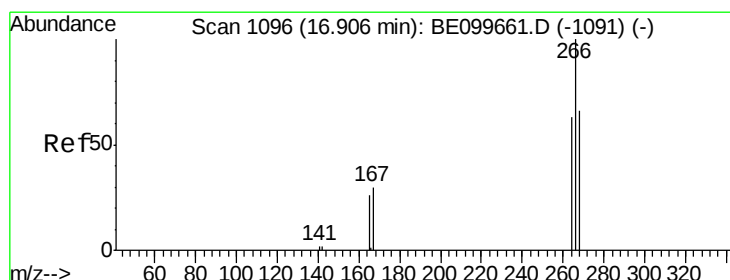
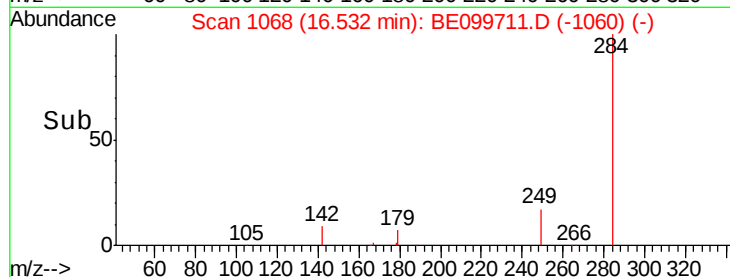
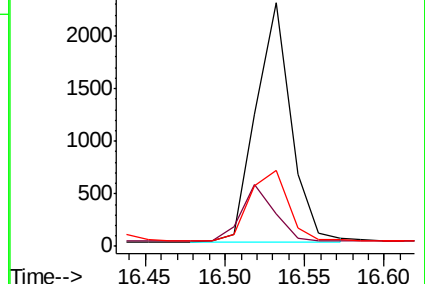
249 32.6 24.8 37.2



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: 0.460 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

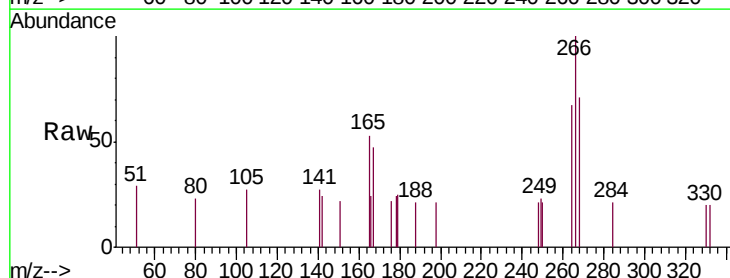
Tgt Ion:266 Resp: 824

Ion Ratio Lower Upper

266 100

264 66.5 57.2 85.8

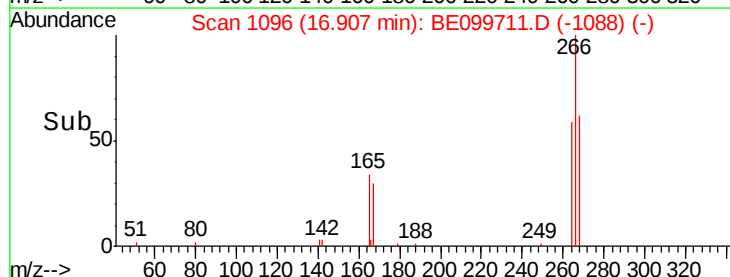
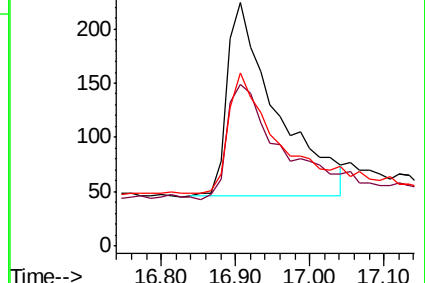
268 71.0 60.5 90.7



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: BE099711.D

Acq: 22 May 2019 4:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

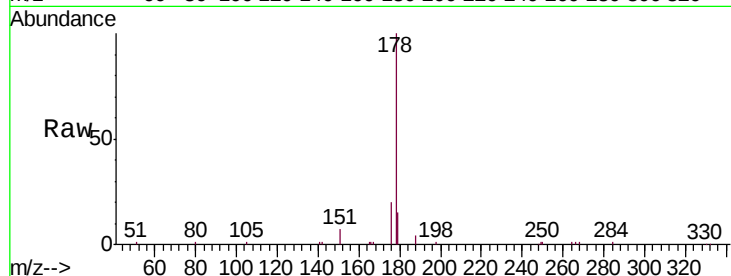
Tgt Ion:178 Resp: 14369

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

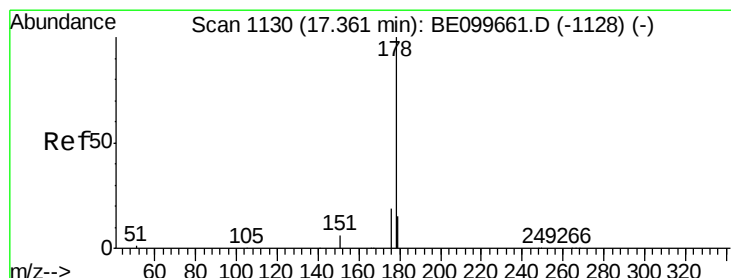
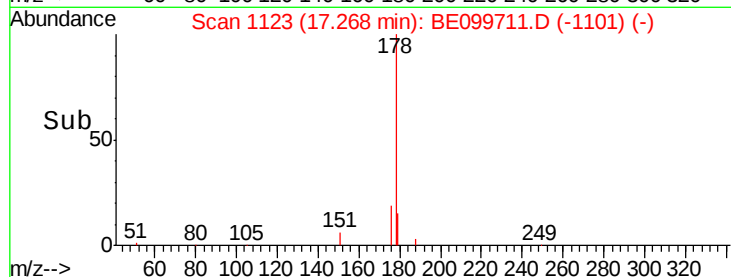
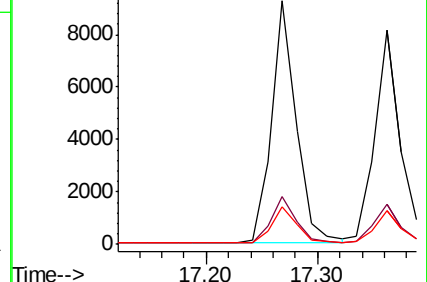
179 15.3 12.2 18.4



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



#24

Anthracene

Concen: 0.356 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

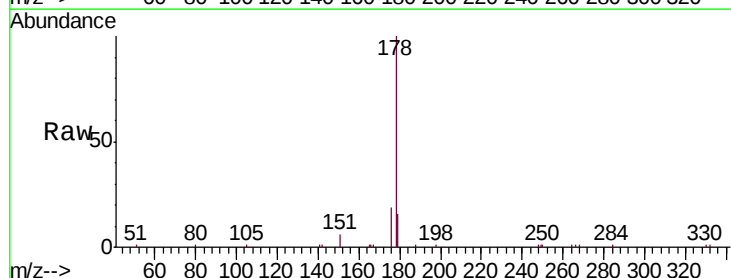
Tgt Ion:178 Resp: 12730

Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

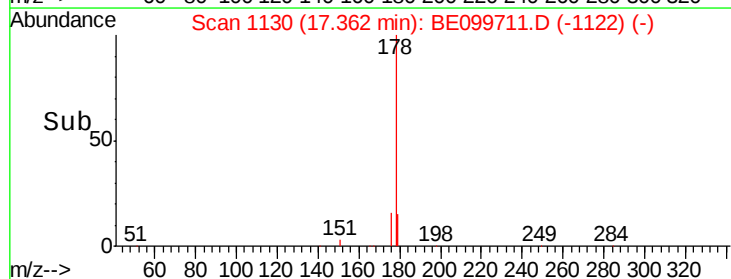
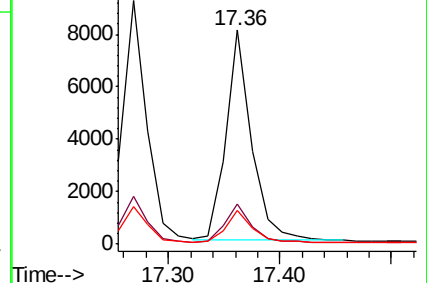
179 15.5 12.0 18.0

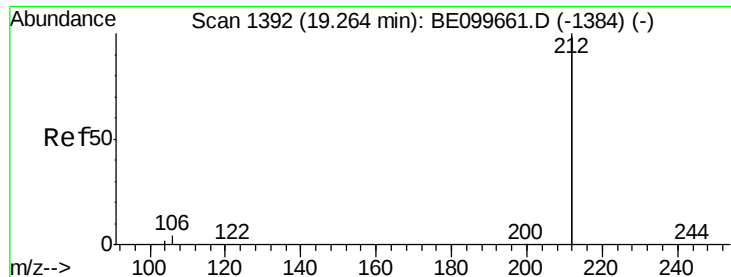


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.332 ng

RT: 19.27 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

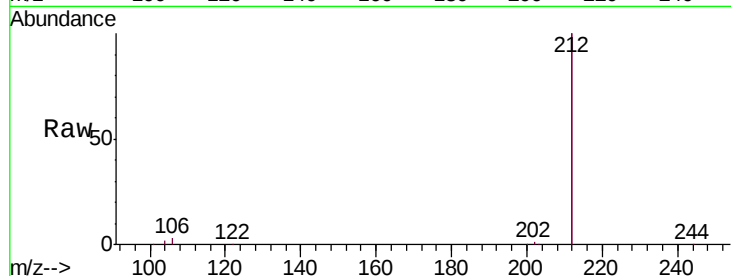
Tgt Ion:212 Resp: 73192

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

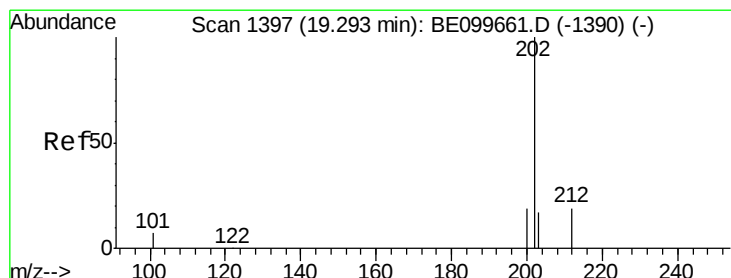
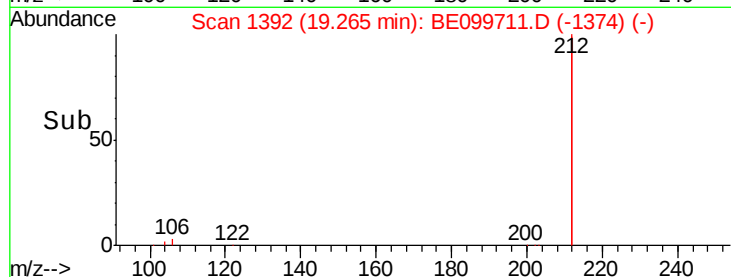
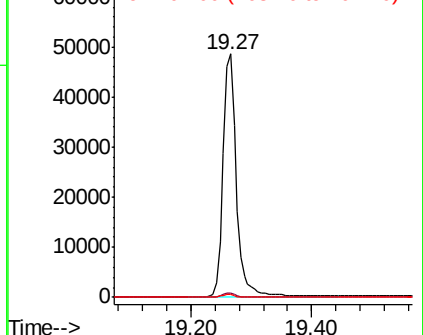
104 1.1 0.8 1.2



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.335 ng

RT: 19.29 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

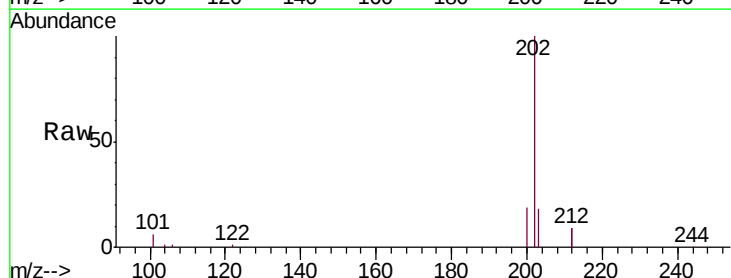
Tgt Ion:202 Resp: 20893

Ion Ratio Lower Upper

202 100

101 6.8 5.2 7.8

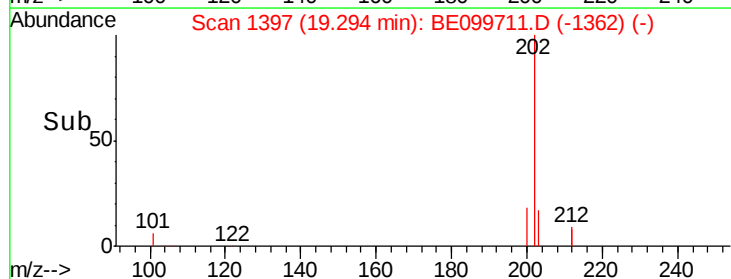
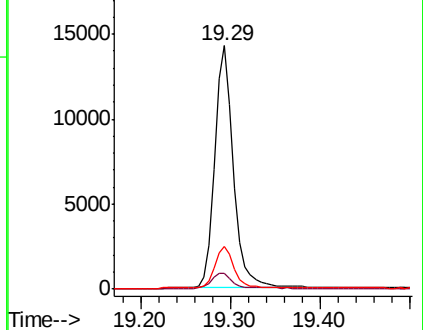
203 17.1 13.8 20.6



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# 1633

Delta R.T. -0.00 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

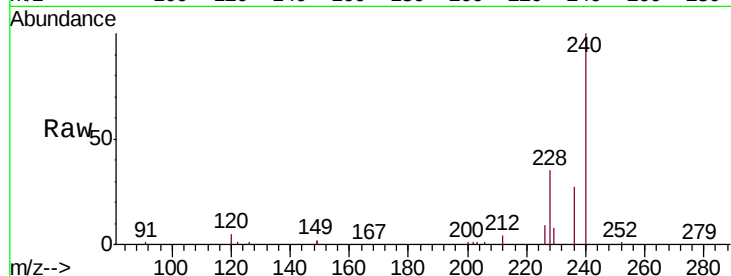
Tgt Ion:240 Resp: 21785

Ion Ratio Lower Upper

240 100

120 5.1 5.4 8.0#

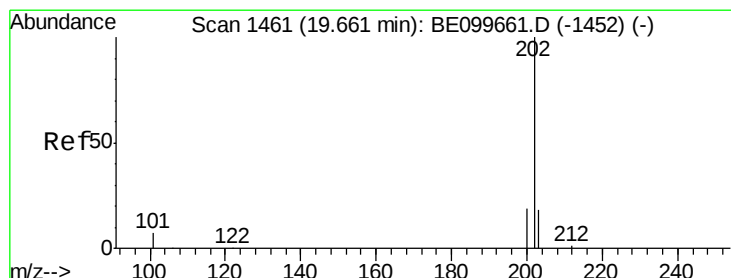
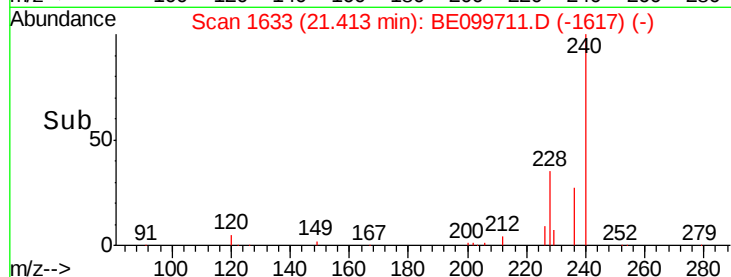
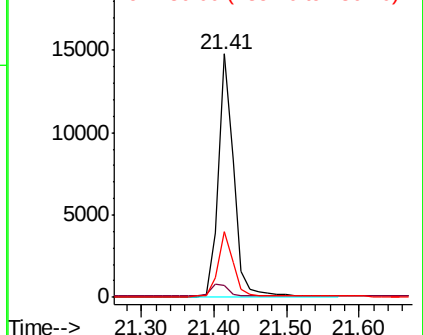
236 27.2 21.7 32.5



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: 0.400 ng

RT: 19.66 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

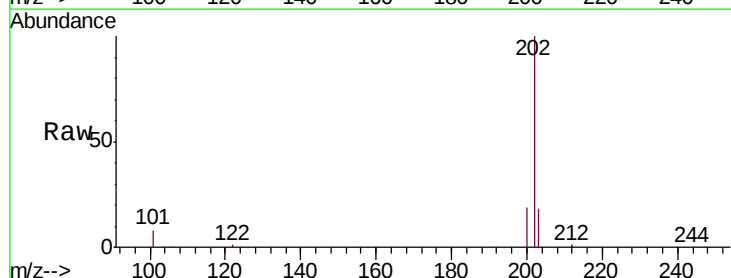
Tgt Ion:202 Resp: 21872

Ion Ratio Lower Upper

202 100

200 19.3 15.4 23.2

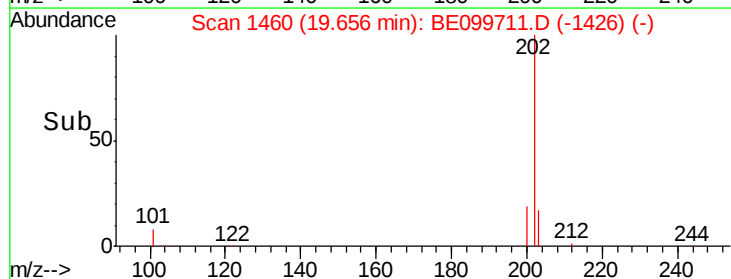
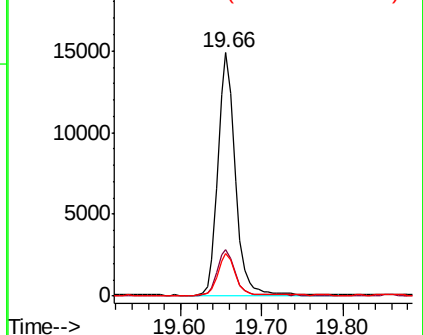
203 17.5 13.8 20.8

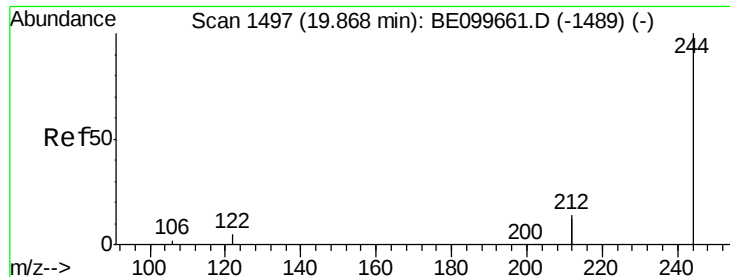


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.376 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

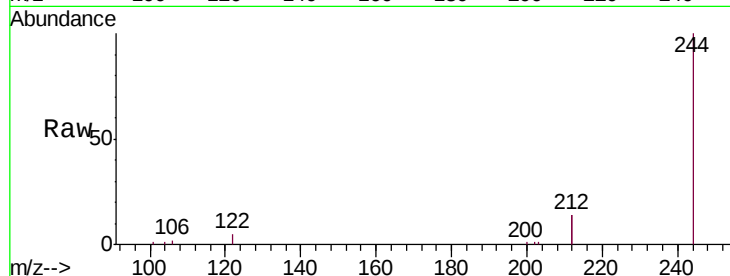
Tgt Ion:244 Resp: 14612

Ion Ratio Lower Upper

244 100

212 28.0 22.5 33.7

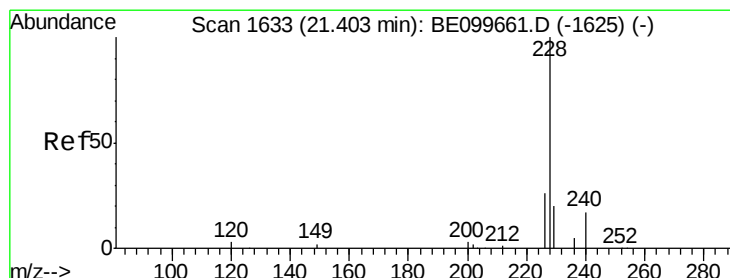
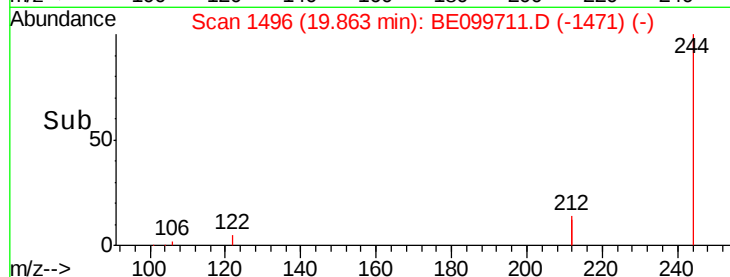
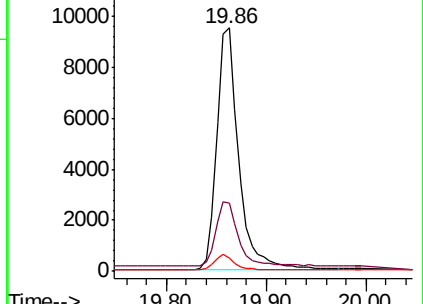
122 5.2 4.3 6.5



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: 0.401 ng

RT: 21.40 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

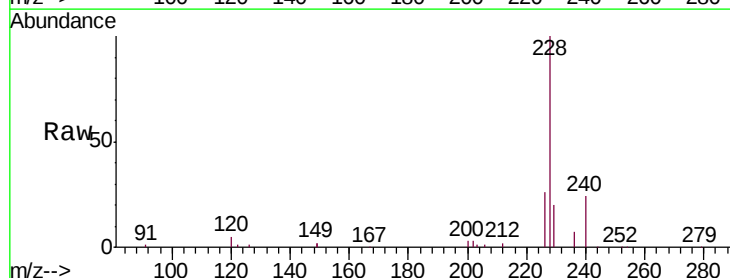
Tgt Ion:228 Resp: 24849

Ion Ratio Lower Upper

228 100

226 26.3 21.3 31.9

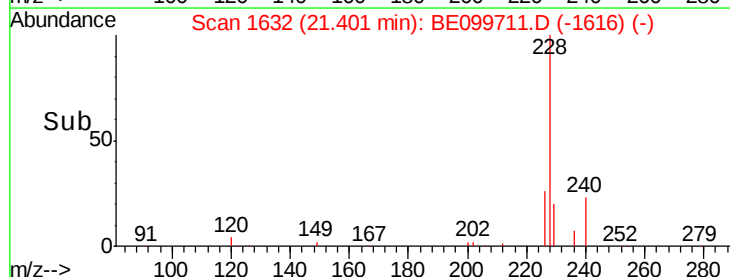
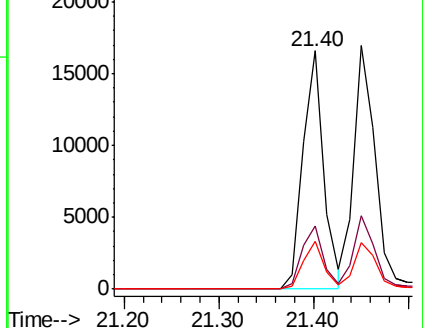
229 20.3 16.1 24.1

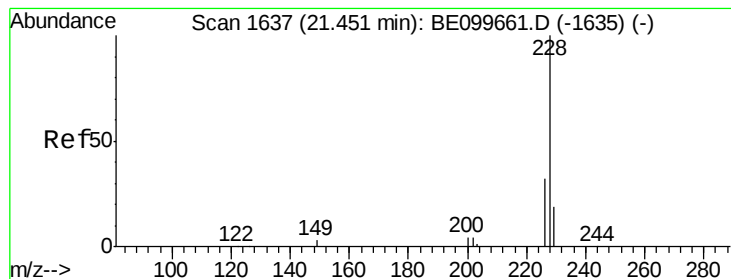


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.394 ng

RT: 21.45 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

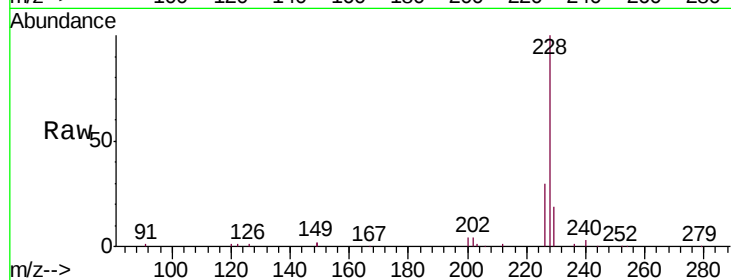
Tgt Ion: 228 Resp: 26108

Ion Ratio Lower Upper

228 100

226 30.3 24.7 37.1

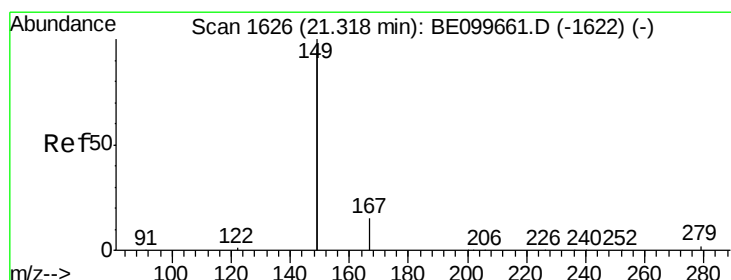
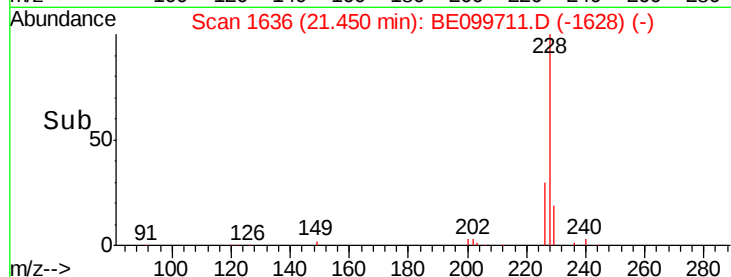
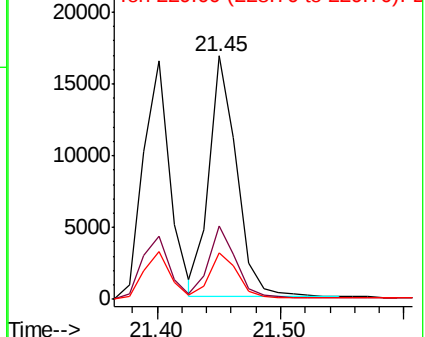
229 19.2 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.449 ng

RT: 21.32 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

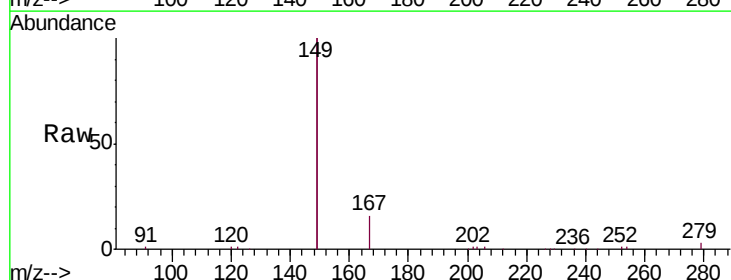
Tgt Ion: 149 Resp: 32039

Ion Ratio Lower Upper

149 100

167 7.5 6.2 9.4

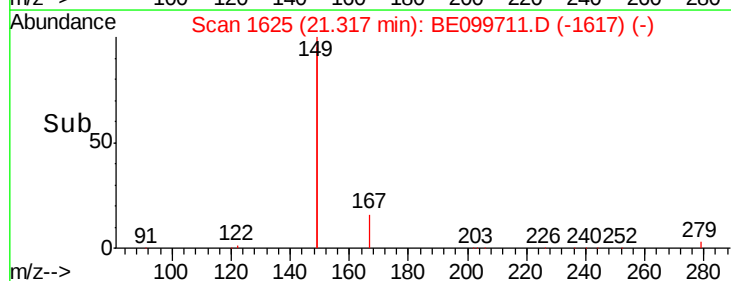
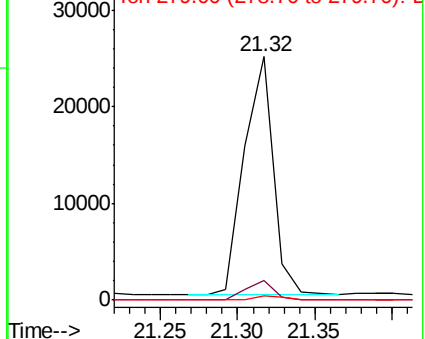
279 1.5 1.2 1.8

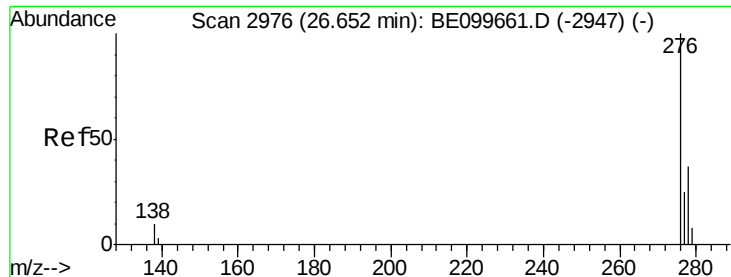


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.395 ng

RT: 26.64 min Scan# 2972

Delta R.T. -0.01 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

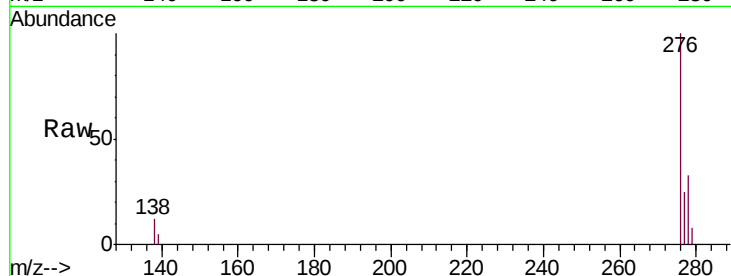
Tgt Ion:276 Resp: 31574

Ion Ratio Lower Upper

276 100

138 12.9 9.6 14.4

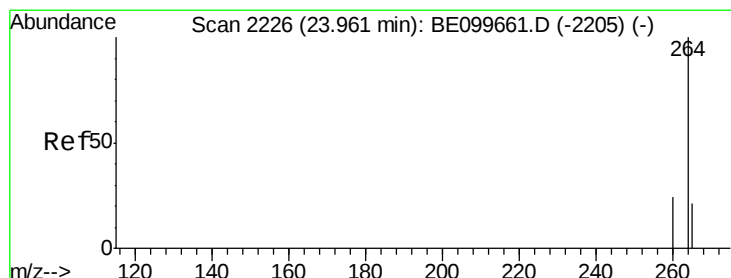
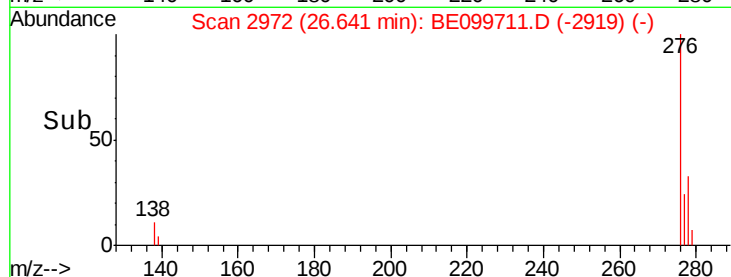
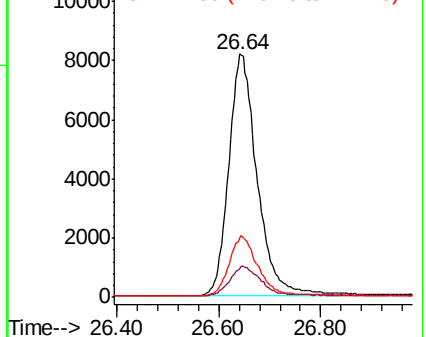
277 24.5 19.2 28.8



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: 23.95 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

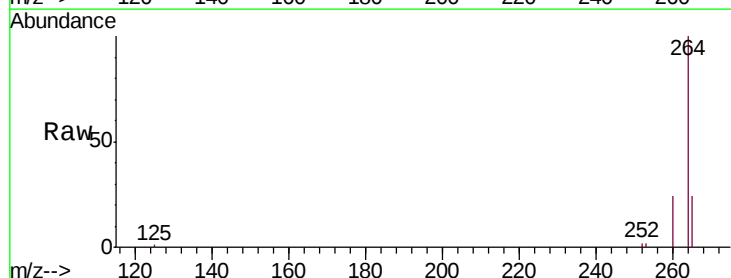
Tgt Ion:264 Resp: 25701

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

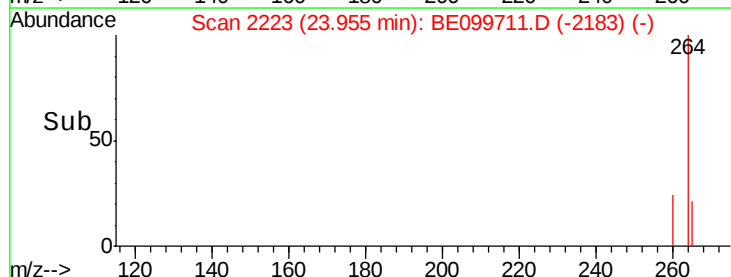
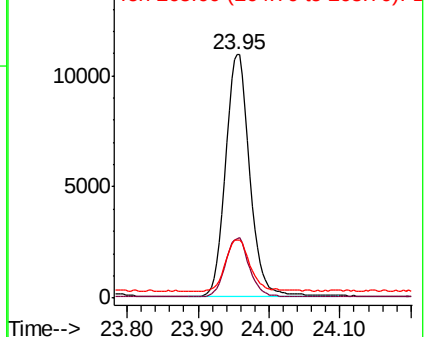
265 24.0 19.1 28.7

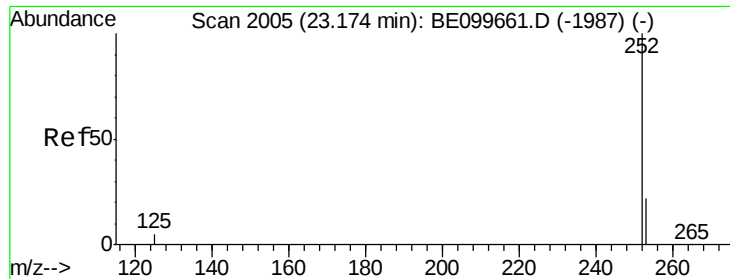


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.371 ng

RT: 23.22 min Scan# 2017

Delta R.T. 0.05 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

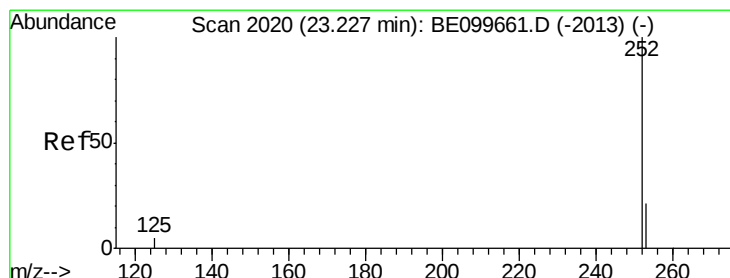
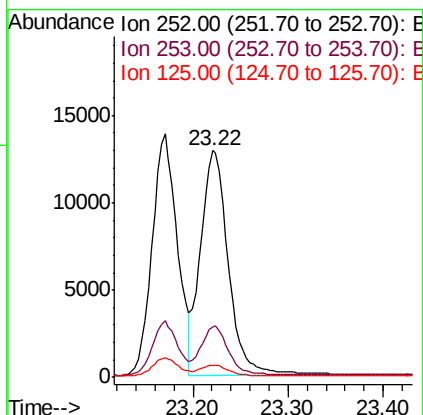
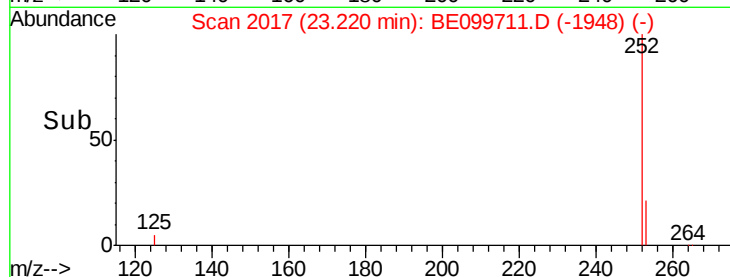
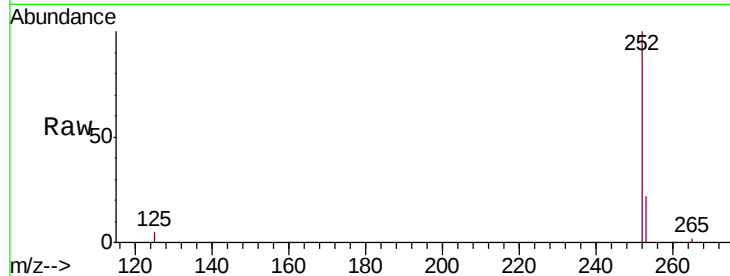
Tgt Ion:252 Resp: 26135

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

125 5.3 4.5 6.7



#36

Benzo(k)fluoranthene

Concen: 0.357 ng

RT: 23.22 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

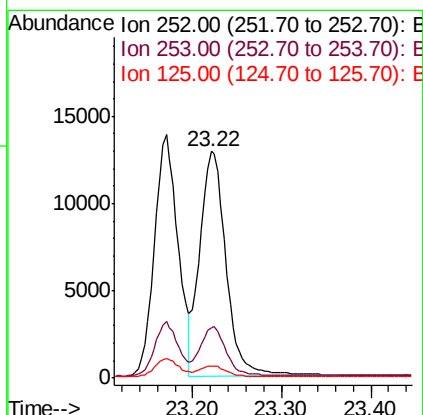
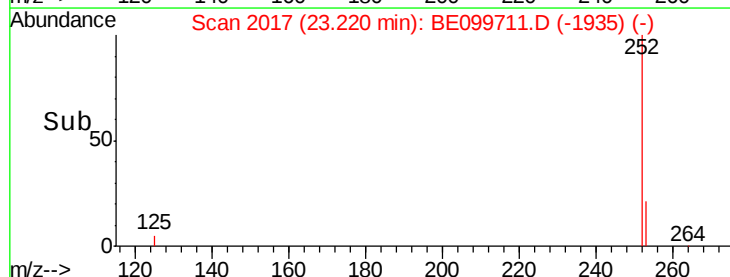
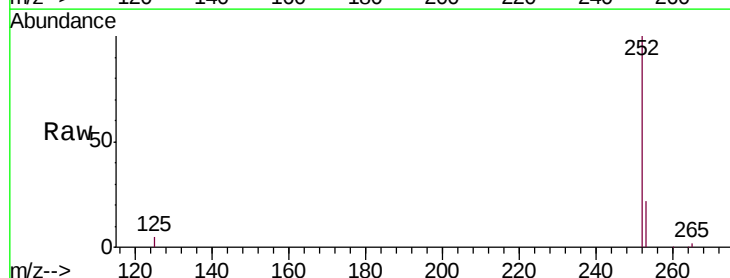
Tgt Ion:252 Resp: 26223

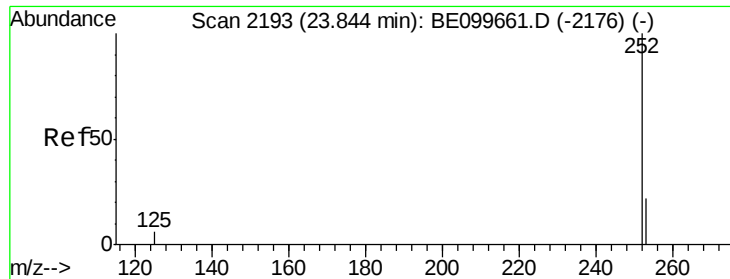
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 5.3 4.6 6.8





#37

Benzo(a)pyrene

Concen: 0.363 ng

RT: 23.84 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

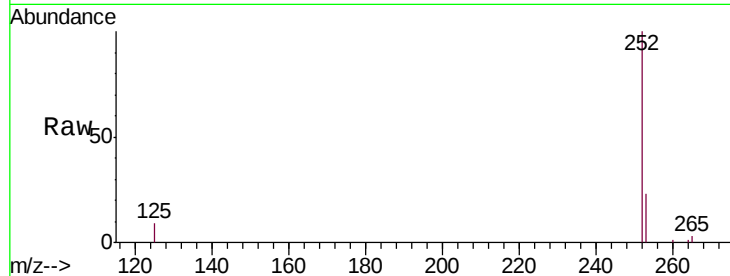
Tgt Ion: 252 Resp: 24633

Ion Ratio Lower Upper

252 100

253 23.1 18.9 28.3

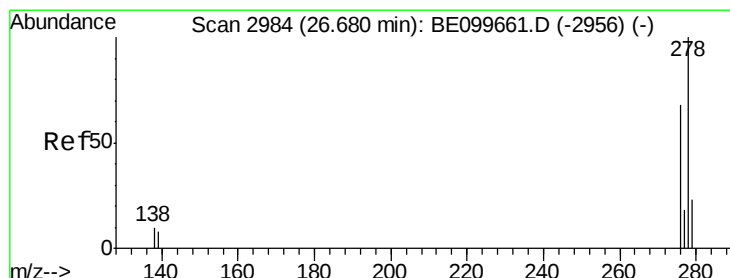
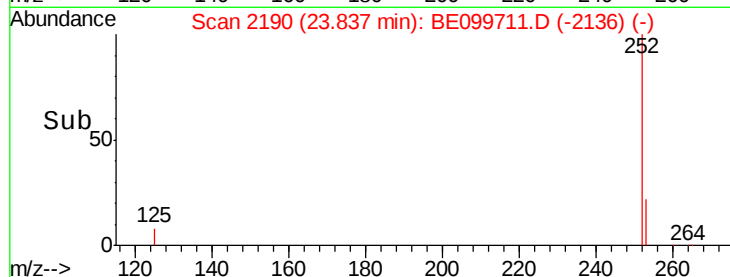
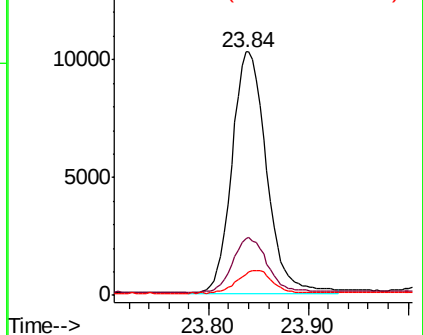
125 8.8 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.364 ng

RT: 26.68 min Scan# 2982

Delta R.T. -0.00 min

Lab File: BE099711.D

Acq: 22 May 2019 4:22

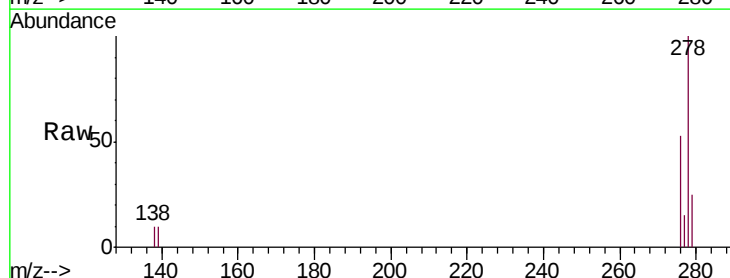
Tgt Ion: 278 Resp: 25916

Ion Ratio Lower Upper

278 100

139 10.0 6.9 10.3

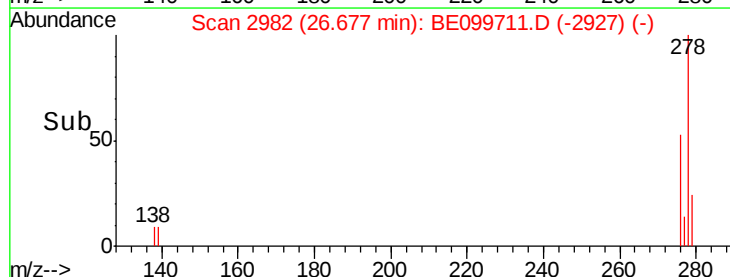
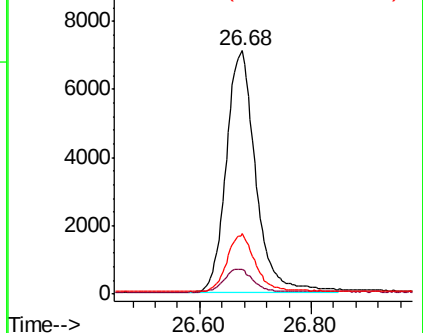
279 24.6 19.2 28.8

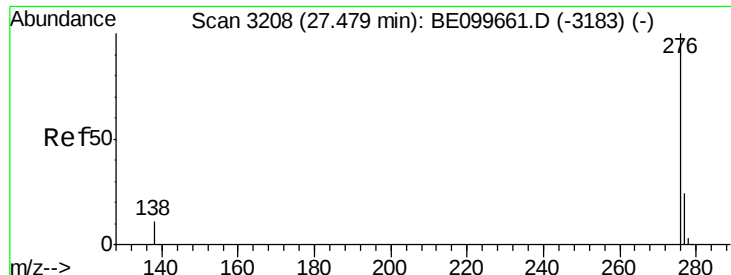


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.359 ng

RT: 27.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: BE099711.D

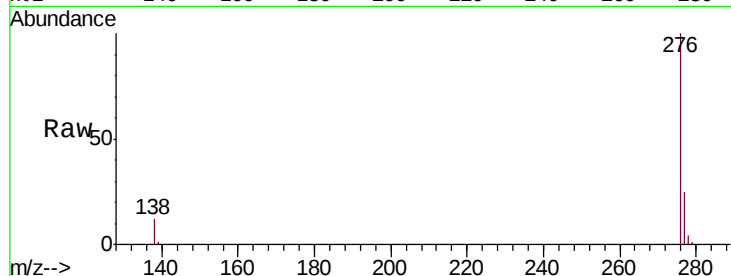
Acq: 22 May 2019 4:22

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 25811

Ion Ratio Lower Upper

276 100

277 24.7 19.8 29.6

138 11.8 9.2 13.8

