

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050119\
 Data File : BE099471.D
 Acq On : 1 May 2019 19:32
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: May 02 04:15:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 29 18:36:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	2921	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	12222	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	9353	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	25400	0.40	ng	0.00
27) Chrysene-d12	21.37	240	28654	0.40	ng	0.00
34) Perylene-d12	23.86	264	32621	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	3421	0.42	ng	0.00
5) Phenol-d6	6.97	99	5133	0.48	ng	0.00
8) Nitrobenzene-d5	8.96	82	4711	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	8929	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.93	330	2343	0.40	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	14235	0.40	ng	-0.02
25) Fluoranthene-d10	19.22	212	125037	0.37	ng	0.00
29) Terphenyl-d14	19.81	244	25602	0.49	ng	0.00

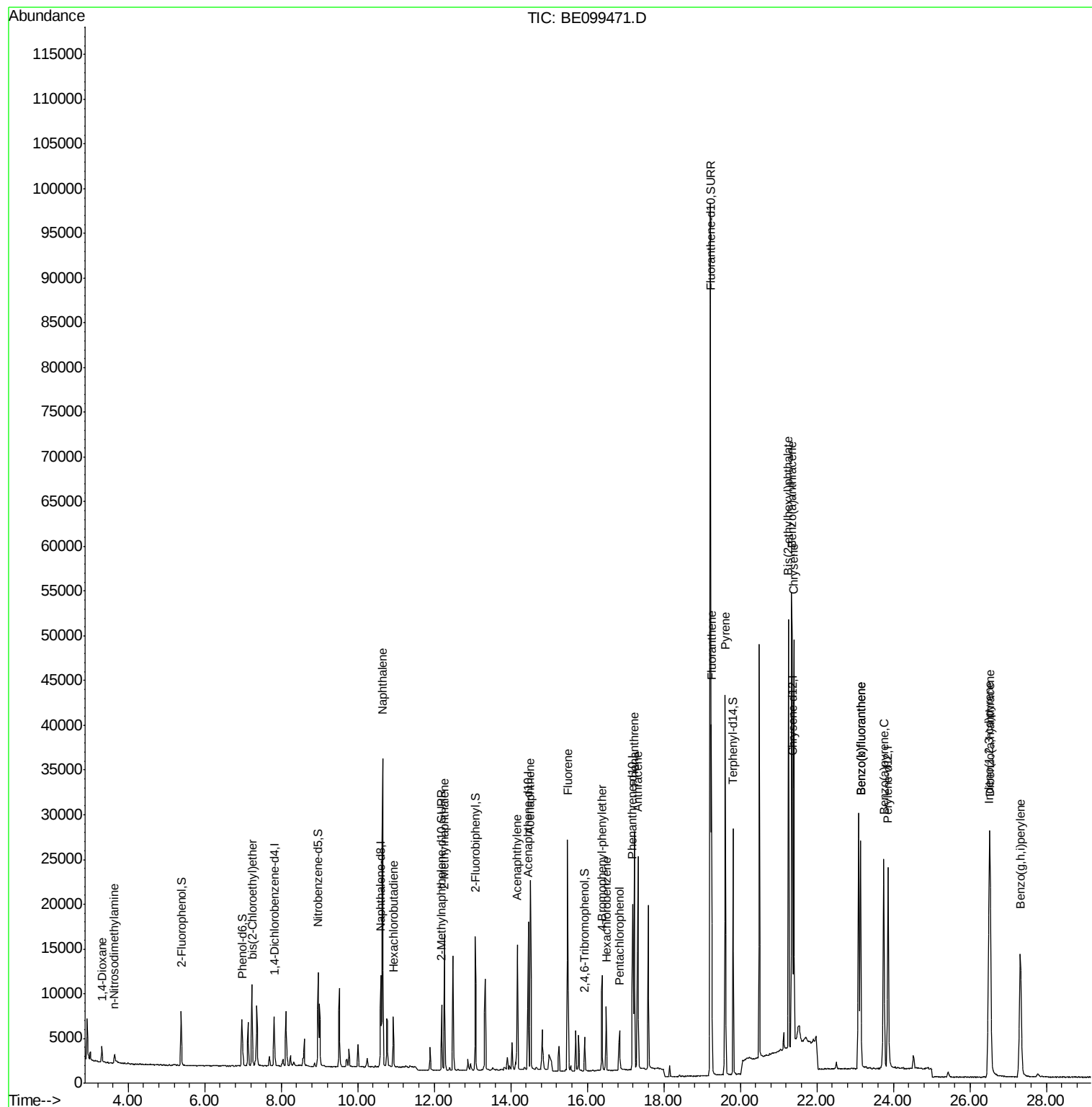
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	1361	0.339	ng	95
3) n-Nitrosodimethylamine	3.63	42	981	0.405	ng	# 88
6) bis(2-Chloroethyl)ether	7.24	93	3707	0.400	ng	98
9) Naphthalene	10.65	128	54942	0.413	ng	99
10) Hexachlorobutadiene	10.93	225	3677	0.397	ng	99
12) 2-Methylnaphthalene	12.27	142	9725	0.420	ng	96
16) Acenaphthylene	14.17	152	18485	0.404	ng	98
17) Acenaphthene	14.51	154	10455	0.400	ng	100
18) Fluorene	15.49	166	15105	0.392	ng	98
20) 4-Bromophenyl-phenylether	16.39	248	6179	0.418	ng	# 86
21) Hexachlorobenzene	16.49	284	5973	0.424	ng	99
22) Pentachlorophenol	16.84	266	2688	0.533	ng	97
23) Phenanthrene	17.23	178	26539	0.405	ng	99
24) Anthracene	17.32	178	25049	0.401	ng	99
26) Fluoranthene	19.25	202	36046	0.367	ng	99
28) Pyrene	19.61	202	37294	0.499	ng	100
30) Benzo(a)anthracene	21.34	228	42092	0.461	ng	97
31) Chrysene	21.40	228	38888	0.435	ng	98
32) Bis(2-ethylhexyl)phthalate	21.26	149	62448	0.413	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.50	276	46640	0.442	ng	# 94
35) Benzo(b)fluoranthene	23.14	252	38234	0.406	ng	99
36) Benzo(k)fluoranthene	23.14	252	38234	0.422	ng	100
37) Benzo(a)pyrene	23.75	252	37187	0.418	ng	# 96
38) Dibenzo(a,h)anthracene	26.53	278	37402	0.411	ng	98
39) Benzo(g,h,i)perylene	27.32	276	38044	0.417	ng	99

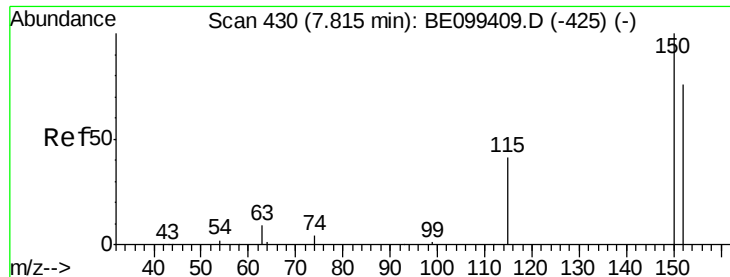
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
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QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099471.D

Acq: 1 May 2019 19:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

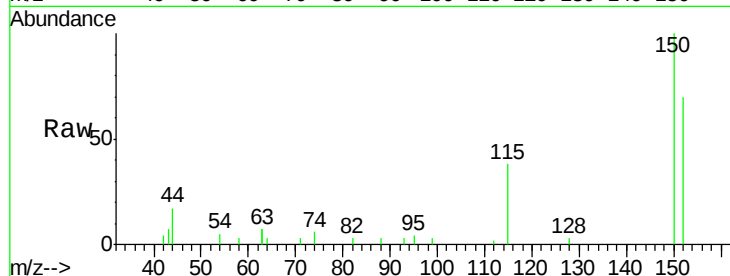
Tot Ion:152 Resp: 2921

Ion Ratio Lower Upper

152 100

150 142.4 104.8 157.2

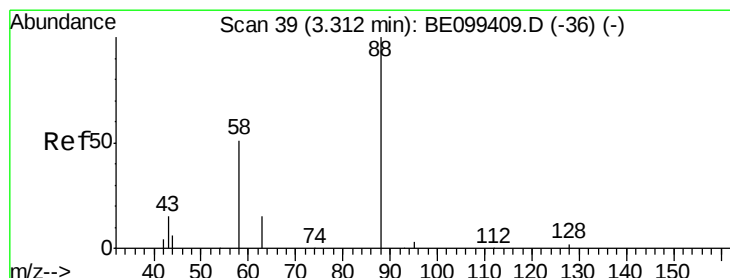
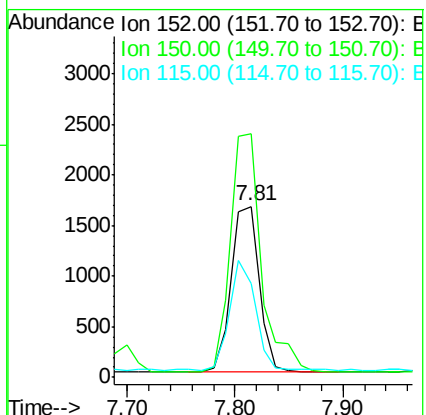
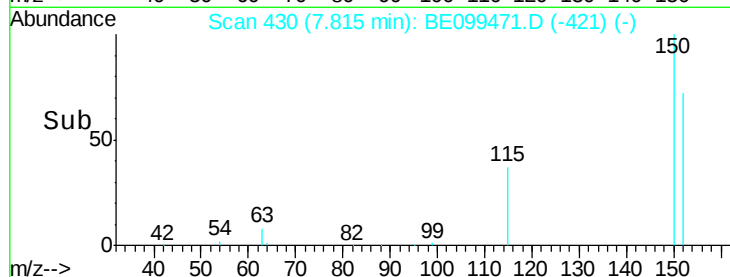
115 54.7 46.6 69.8



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: 0.339 ng

RT: 3.31 min Scan# 39

Delta R.T. -0.00 min

Lab File: BE099471.D

Acq: 1 May 2019 19:32

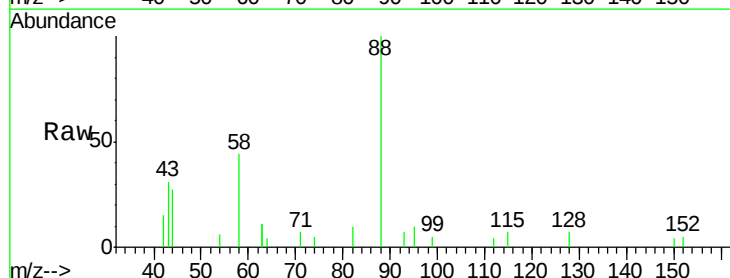
Tgt Ion: 88 Resp: 1361

Ion Ratio Lower Upper

88 100

58 58.7 51.0 76.6

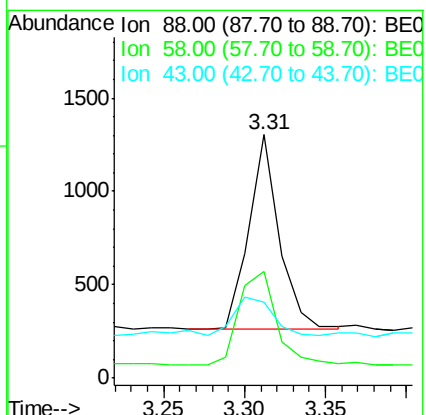
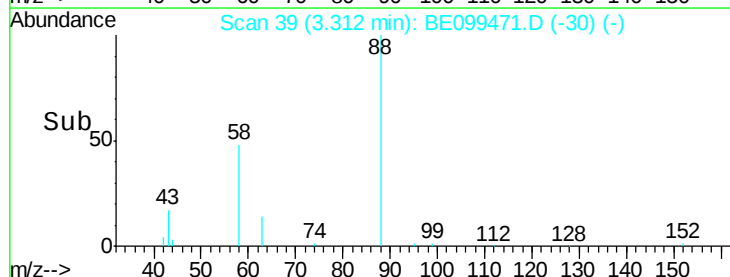
43 24.9 20.6 30.8

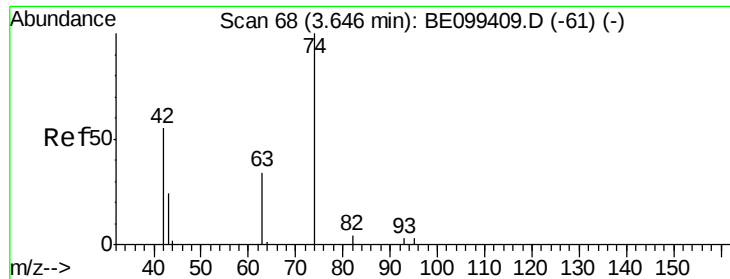


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



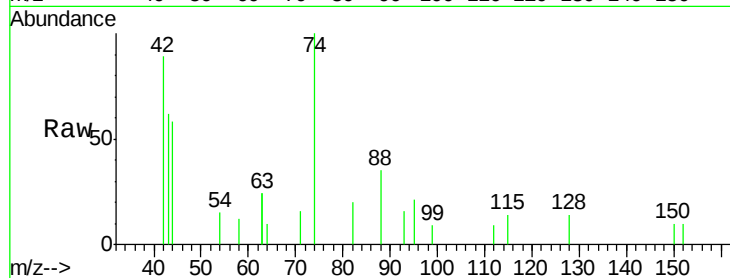


#3

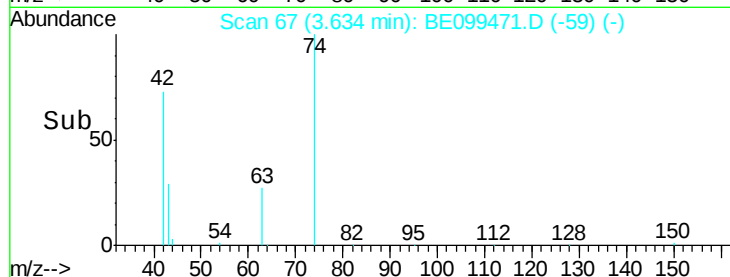
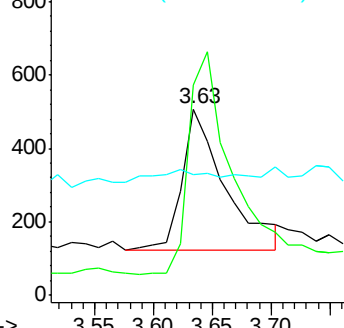
n-Nitrosodimethylamine
 Concen: 0.405 ng
 RT: 3.63 min Scan# 67
 Delta R.T. -0.01 min
 Lab File: BE099471.D
 Acq: 1 May 2019 19:32

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion: 42 Resp: 981
 Ion Ratio Lower Upper
 42 100
 74 160.2 141.6 212.4
 44 0.0 0.0 0.0



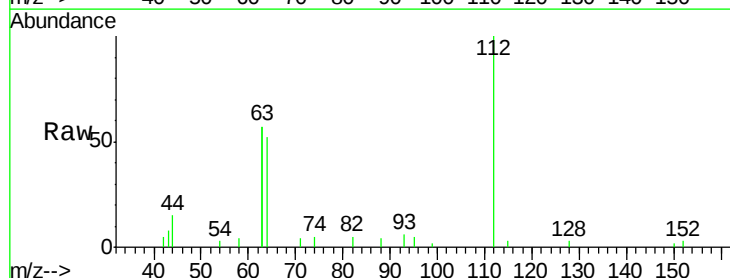
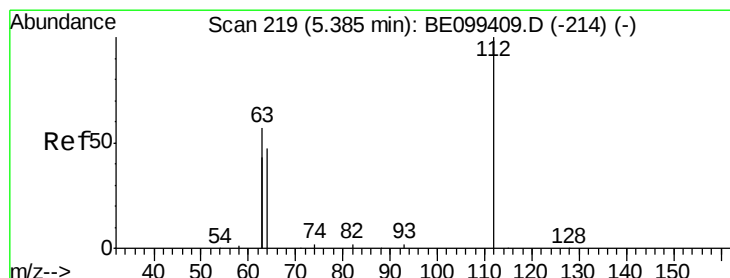
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



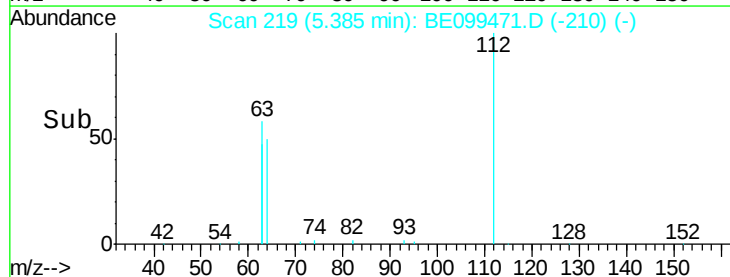
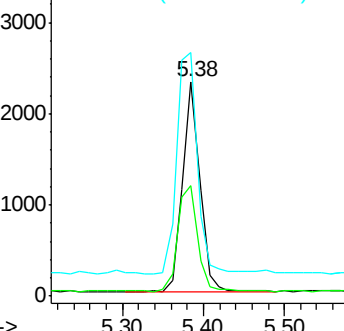
#4

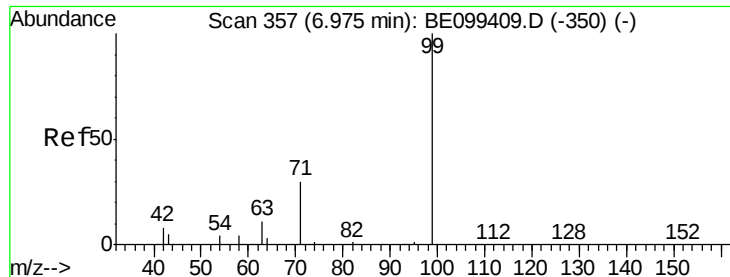
2-Fluorophenol
 Concen: 0.424 ng
 RT: 5.38 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: BE099471.D
 Acq: 1 May 2019 19:32

Tgt Ion: 112 Resp: 3421
 Ion Ratio Lower Upper
 112 100
 64 58.5 47.4 71.0
 63 125.6 104.3 156.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.478 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099471.D

Acq: 1 May 2019 19:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

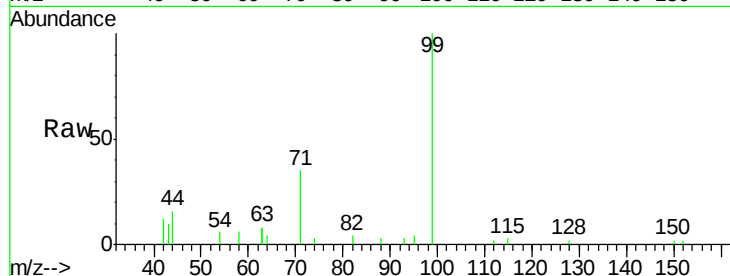
Tot Ion: 99 Resp: 5133

Ion Ratio Lower Upper

99 100

42 17.7 14.9 22.3

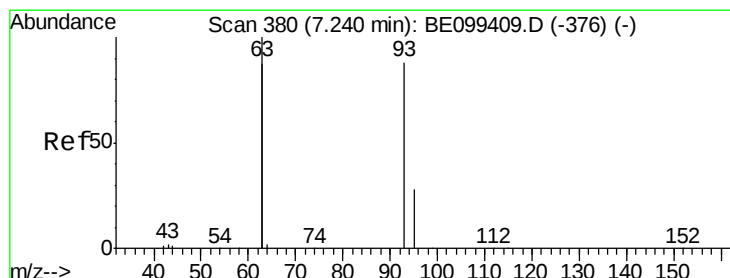
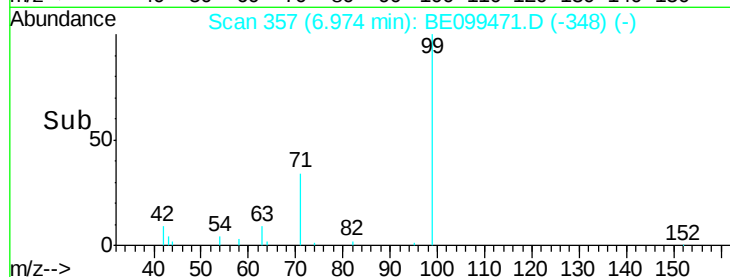
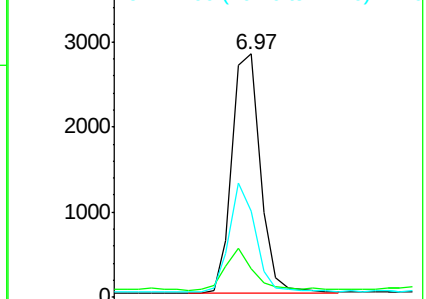
71 41.6 33.0 49.6



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: 0.400 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099471.D

Acq: 1 May 2019 19:32

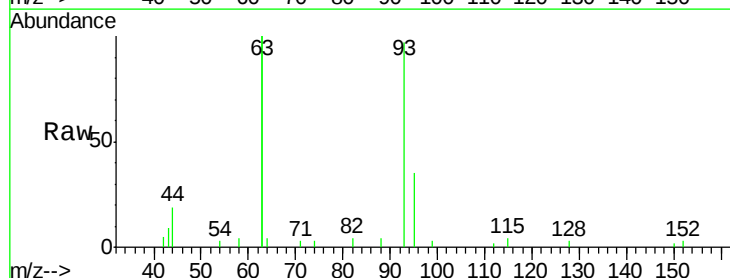
Tgt Ion: 93 Resp: 3707

Ion Ratio Lower Upper

93 100

63 272.5 215.6 323.4

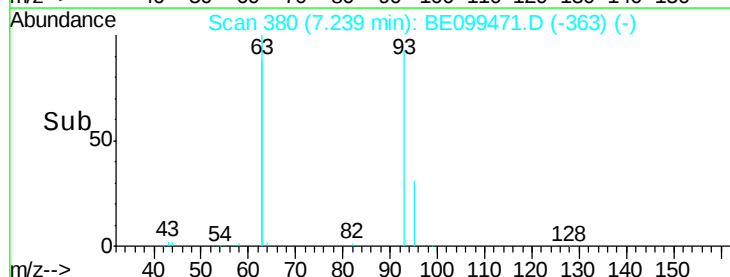
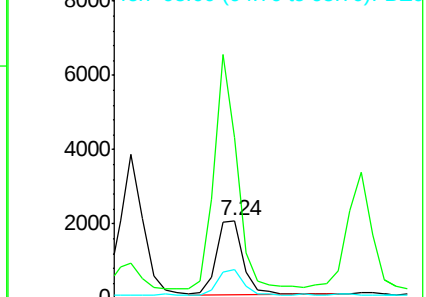
95 31.7 26.2 39.2

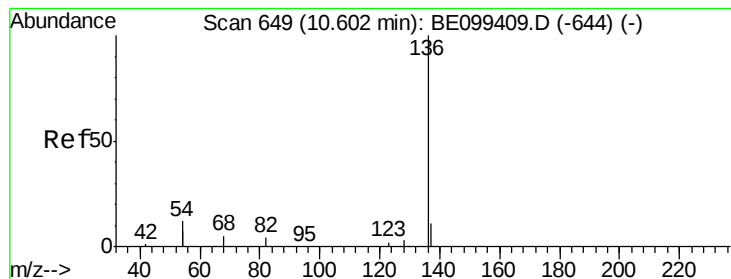


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099471.D

Acq: 1 May 2019 19:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 12222

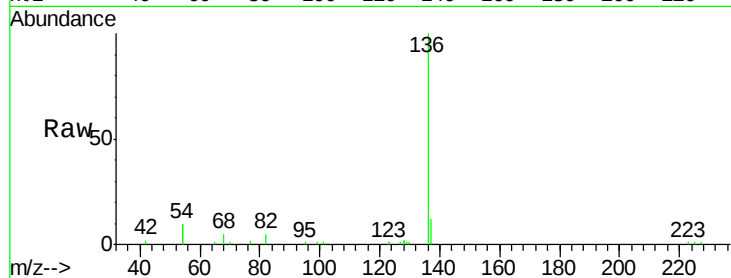
Ion Ratio Lower Upper

136 100

137 11.7 9.8 14.8

54 20.7 18.5 27.7

68 5.1 4.7 7.1

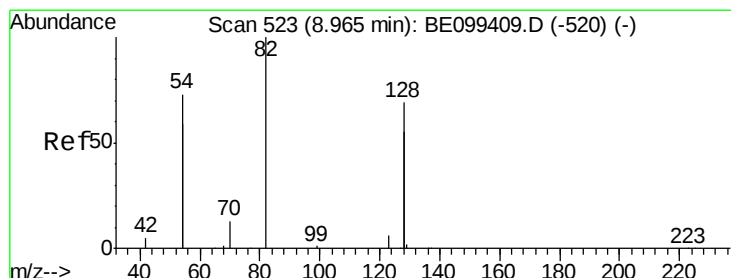
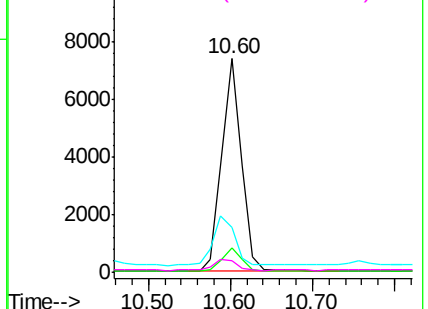
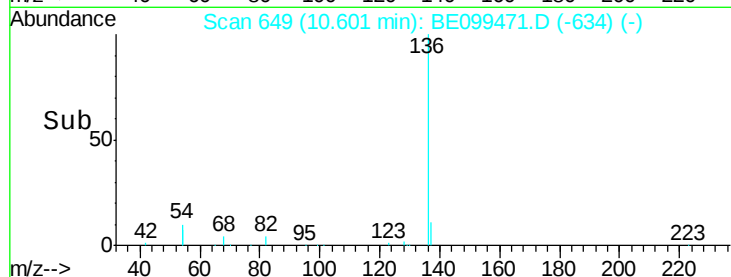


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.411 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099471.D

Acq: 1 May 2019 19:32

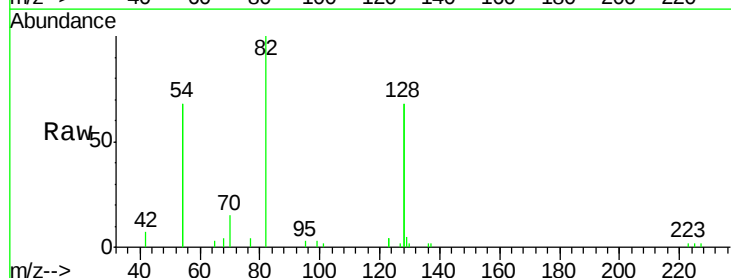
Tgt Ion: 82 Resp: 4711

Ion Ratio Lower Upper

82 100

128 136.9 107.0 160.4

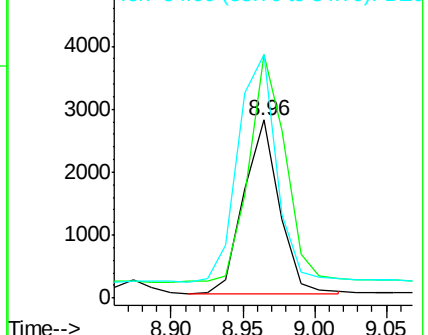
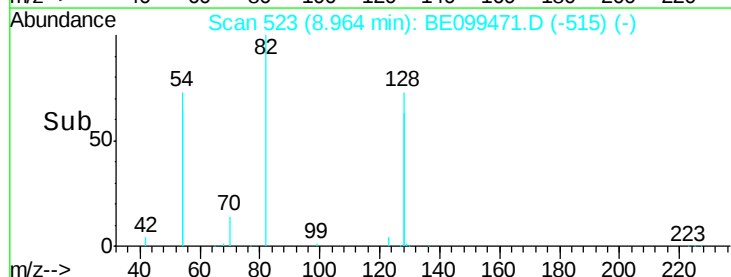
54 136.9 113.1 169.7

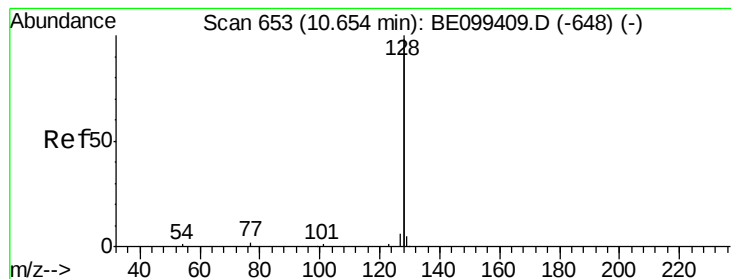


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.413 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099471.D

Acq: 1 May 2019 19:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

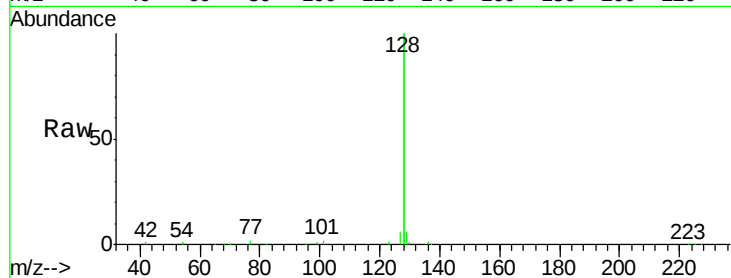
Tot Ion:128 Resp: 54942

Ion Ratio Lower Upper

128 100

129 2.9 2.4 3.6

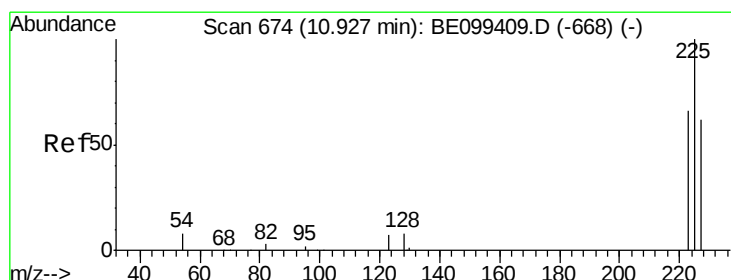
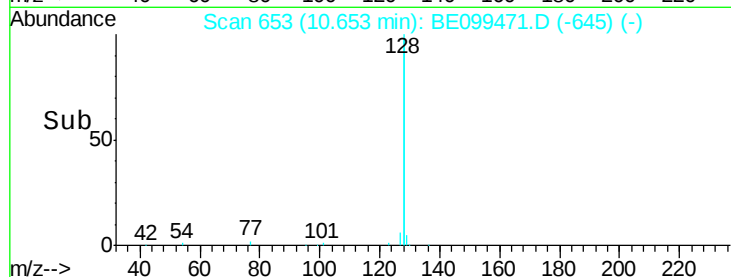
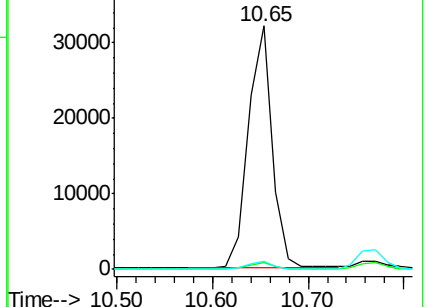
127 3.2 2.8 4.2



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: 0.397 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099471.D

Acq: 1 May 2019 19:32

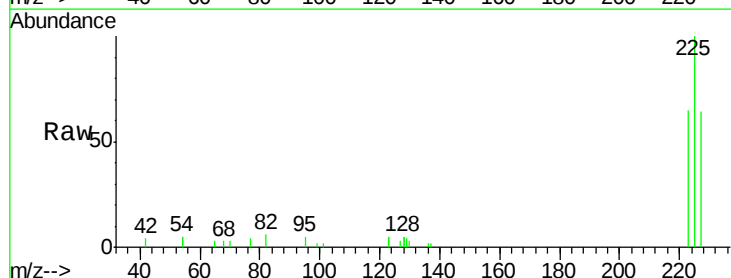
Tgt Ion:225 Resp: 3677

Ion Ratio Lower Upper

225 100

223 63.0 51.0 76.6

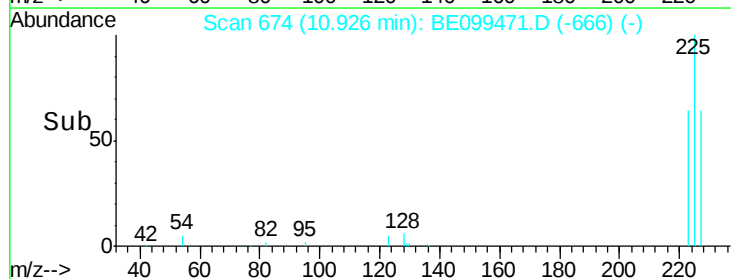
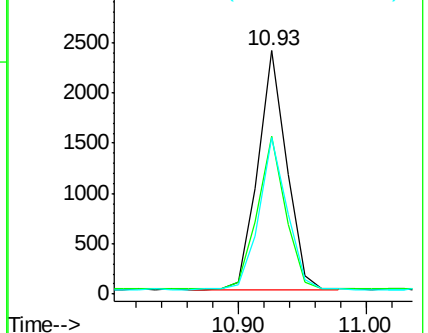
227 62.4 50.9 76.3

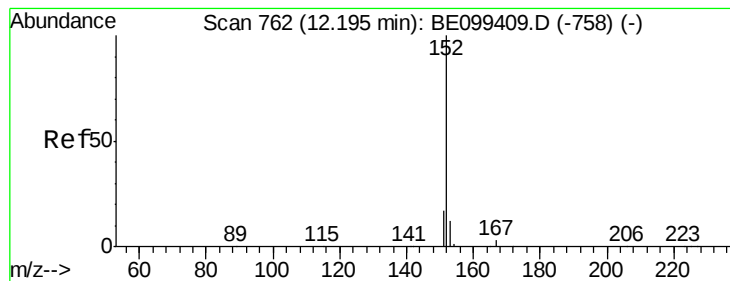


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.405 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE099471.D

Acq: 1 May 2019 19:32

Instrument :

BNA_E

ClientSampleId :

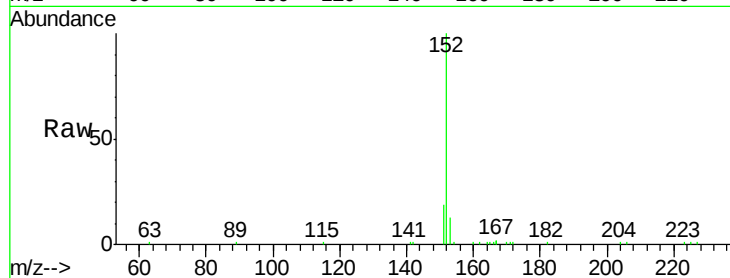
SSTDCCC0.4EC

Tot Ion:152 Resp: 8929

Ion Ratio Lower Upper

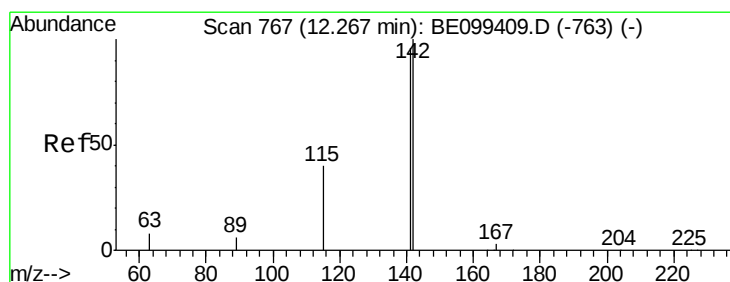
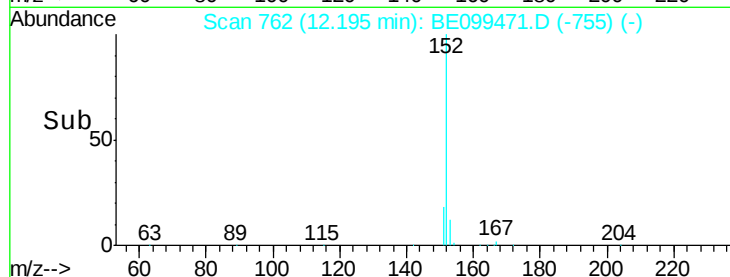
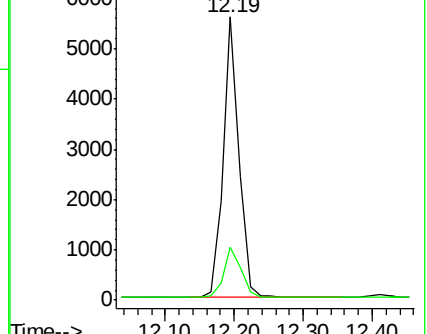
152 100

151 19.6 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.420 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE099471.D

Acq: 1 May 2019 19:32

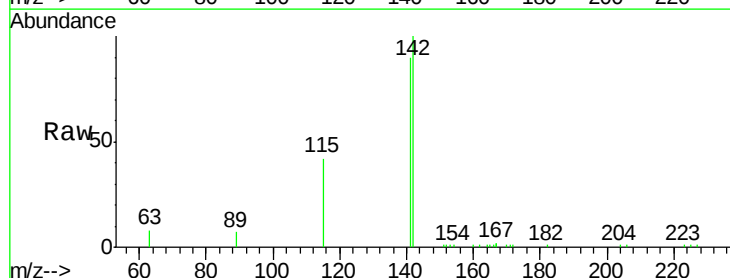
Tgt Ion:142 Resp: 9725

Ion Ratio Lower Upper

142 100

141 90.5 77.0 115.4

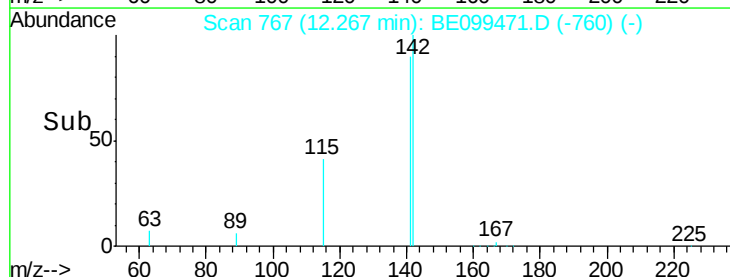
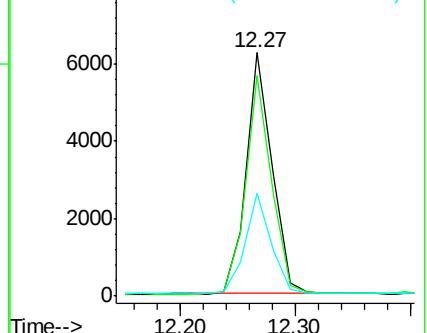
115 42.3 33.4 50.0

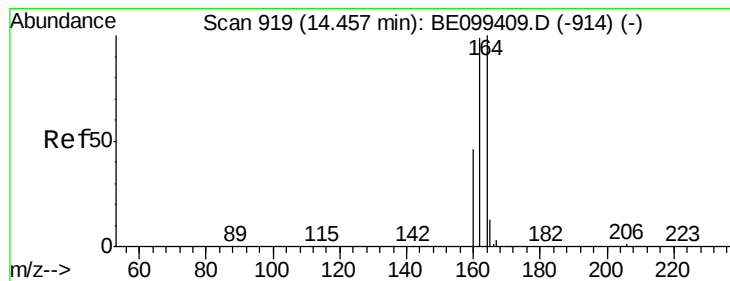


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099471.D

Acq: 1 May 2019 19:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

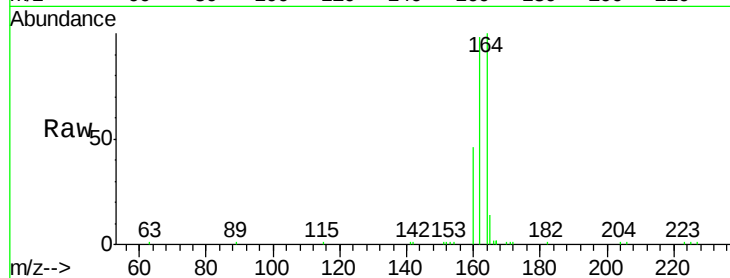
Tot Ion:164 Resp: 9353

Ion Ratio Lower Upper

164 100

162 97.5 79.0 118.4

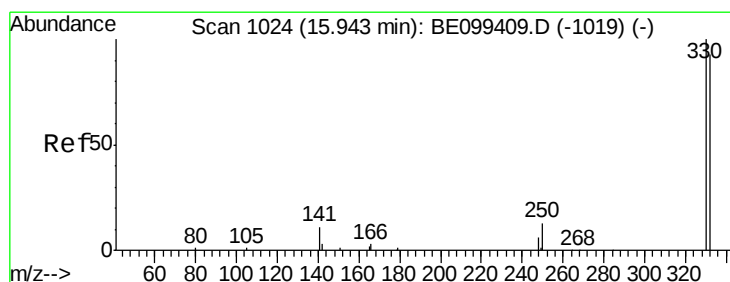
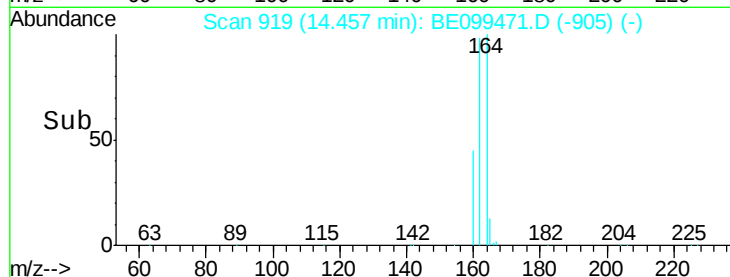
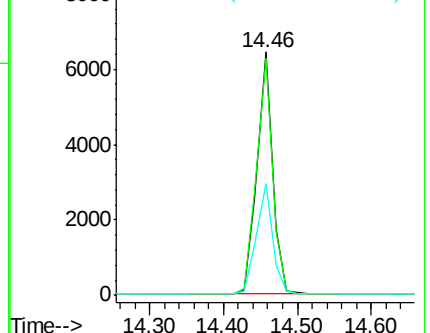
160 45.9 37.0 55.4



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: 0.398 ng

RT: 15.93 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BE099471.D

Acq: 1 May 2019 19:32

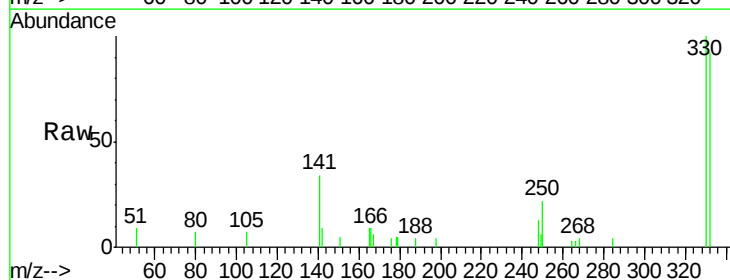
Tgt Ion:330 Resp: 2343

Ion Ratio Lower Upper

330 100

332 97.6 71.5 107.3

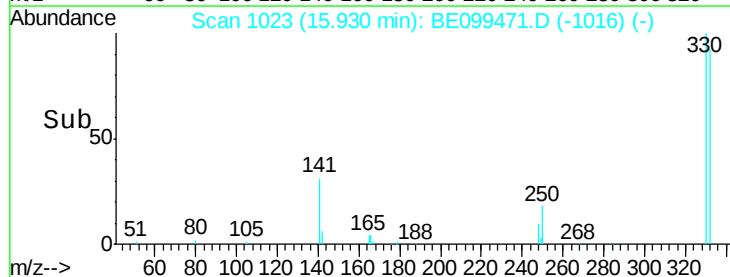
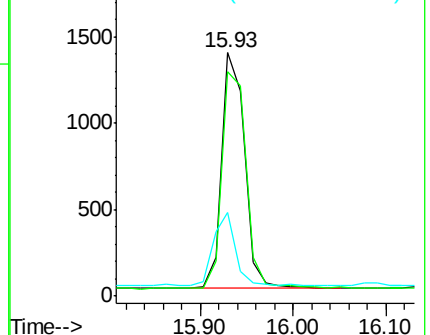
141 30.2 24.0 36.0

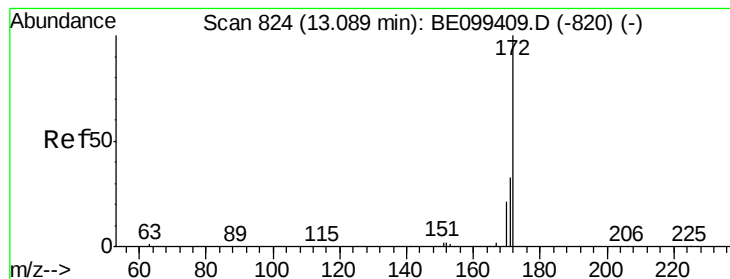


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.399 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.02 min

Lab File: BE099471.D

Acq: 1 May 2019 19:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

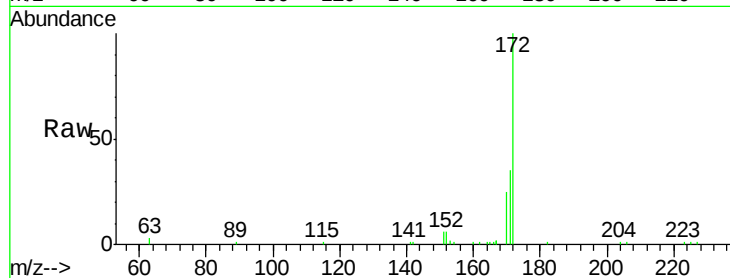
Tot Ion:172 Resp: 14235

Ion Ratio Lower Upper

172 100

171 35.3 26.6 39.8

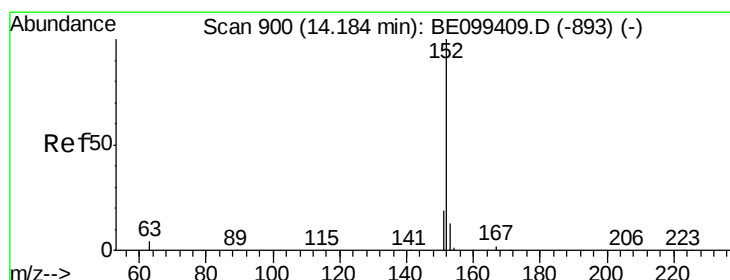
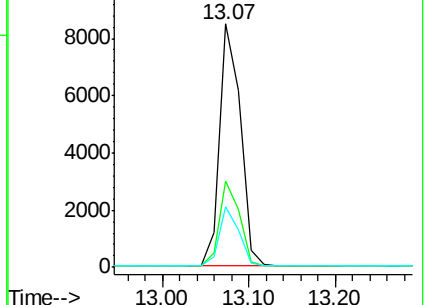
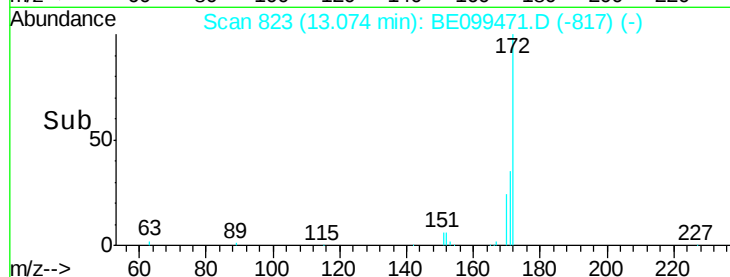
170 24.7 17.0 25.6



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: 0.404 ng

RT: 14.17 min Scan# 899

Delta R.T. -0.02 min

Lab File: BE099471.D

Acq: 1 May 2019 19:32

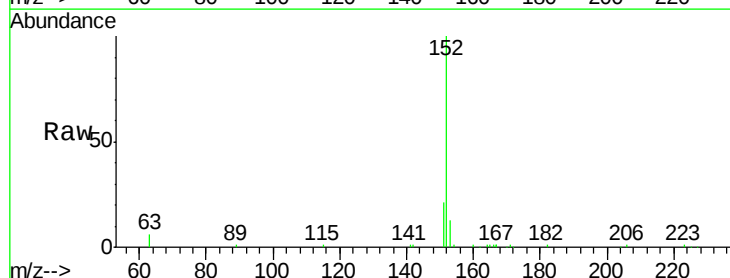
Tgt Ion:152 Resp: 18485

Ion Ratio Lower Upper

152 100

151 20.1 15.4 23.2

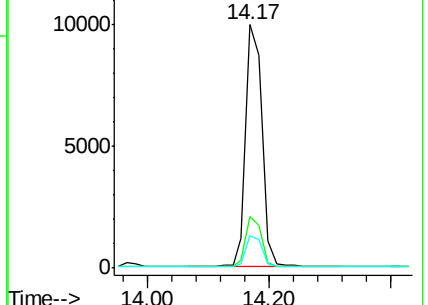
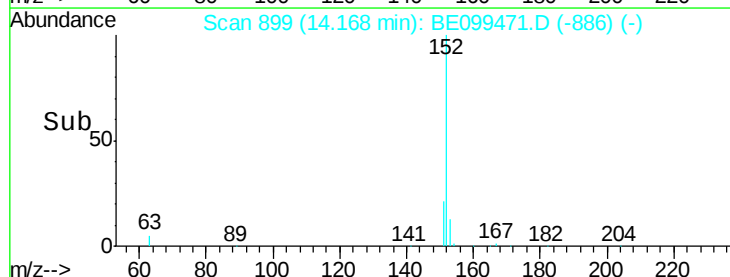
153 12.8 9.8 14.6

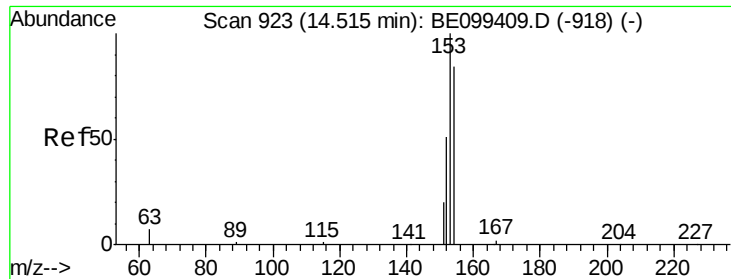


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

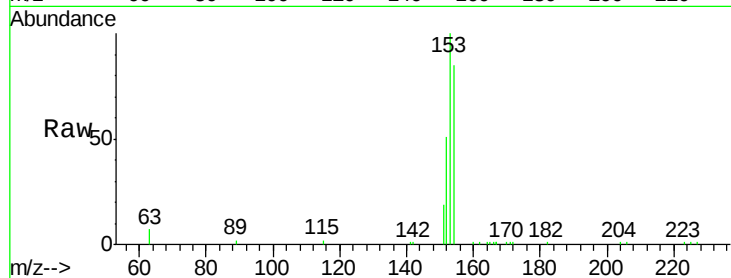




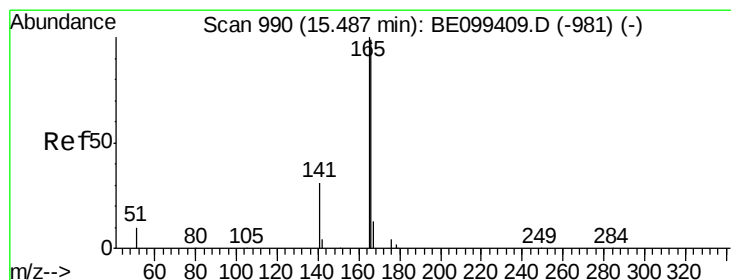
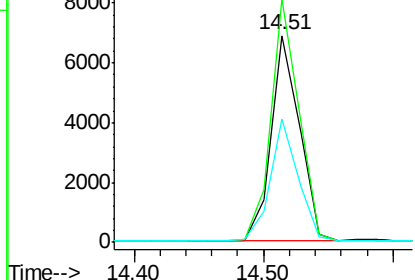
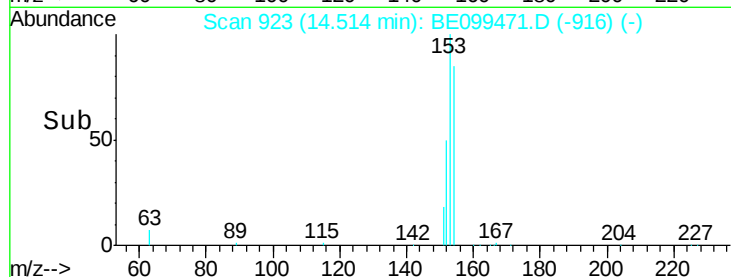
#17
Acenaphthene
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:154 Resp: 10455
Ion Ratio Lower Upper
154 100
153 115.6 92.6 138.8
152 57.2 45.8 68.8

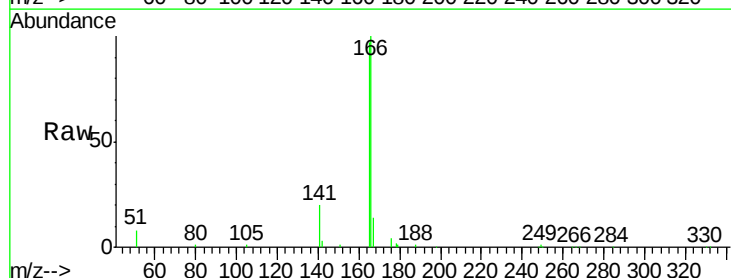


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

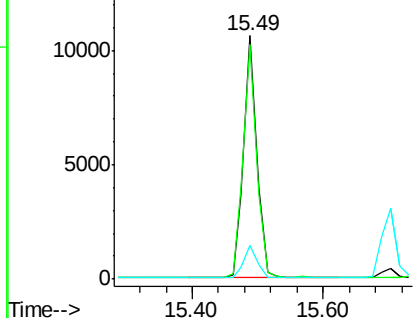
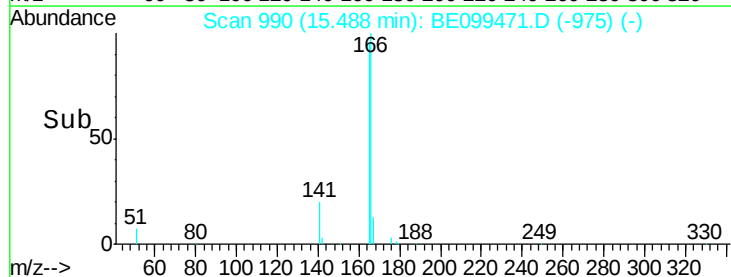


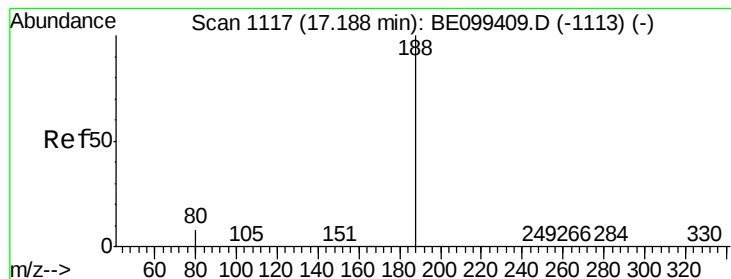
#18
Fluorene
Concen: 0.392 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Tgt Ion:166 Resp: 15105
Ion Ratio Lower Upper
166 100
165 98.0 80.3 120.5
167 13.6 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BE099471.D

Acq: 1 May 2019 19:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

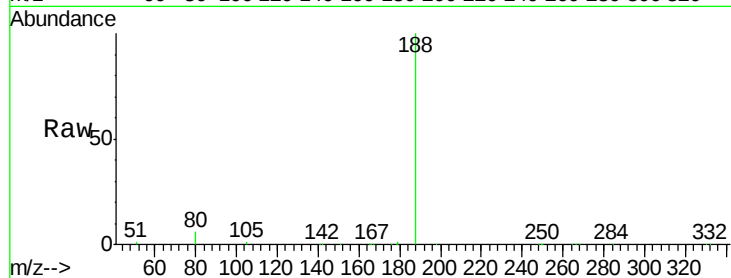
Tot Ion:188 Resp: 25400

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

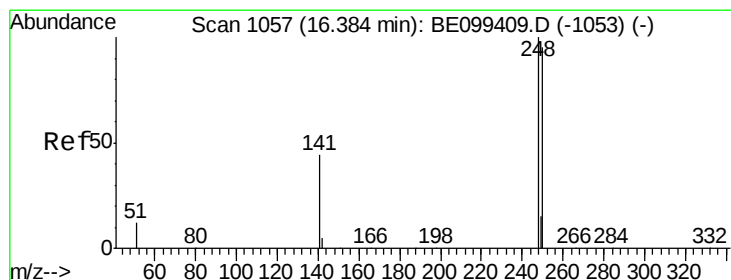
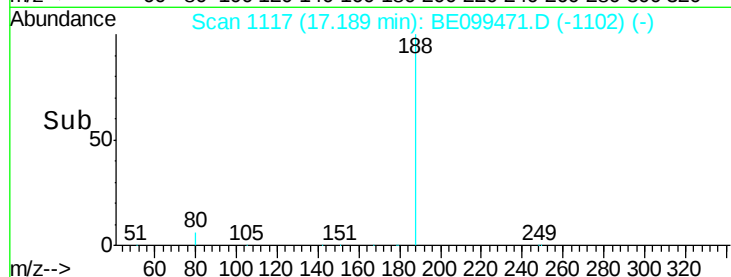
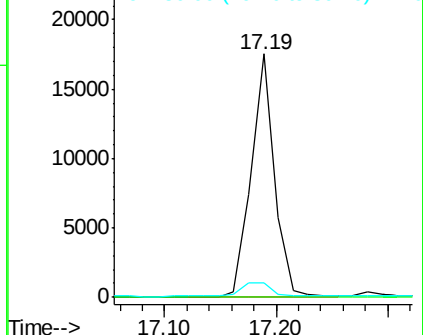
80 6.1 6.7 10.1#



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: 0.418 ng

RT: 16.39 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE099471.D

Acq: 1 May 2019 19:32

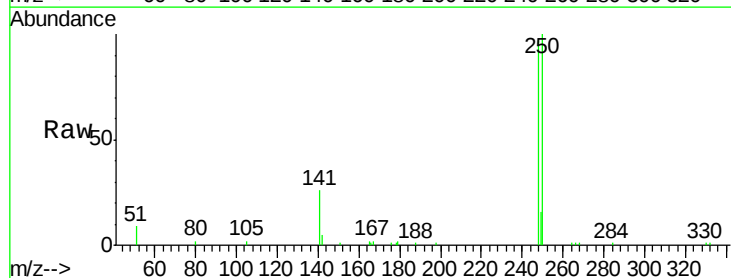
Tgt Ion:248 Resp: 6179

Ion Ratio Lower Upper

248 100

250 102.8 75.8 113.8

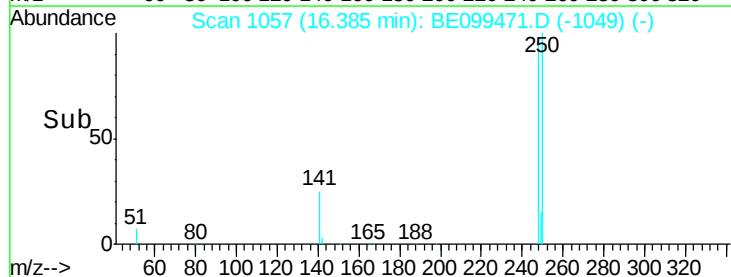
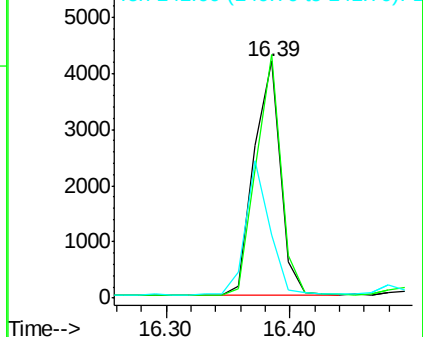
141 26.7 35.7 53.5#

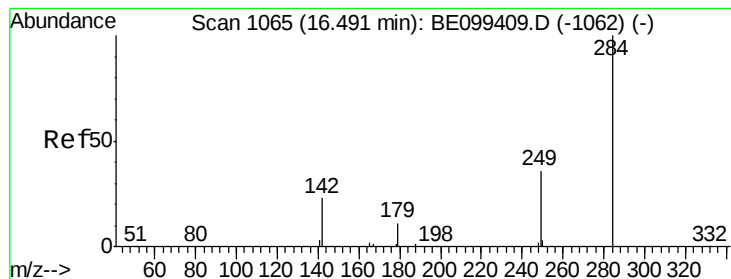


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.424 ng

RT: 16.49 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE099471.D

Acq: 1 May 2019 19:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

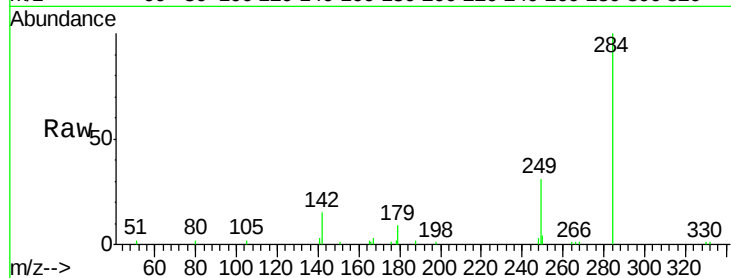
Tot Ion:284 Resp: 5973

Ion Ratio Lower Upper

284 100

142 27.5 21.0 31.6

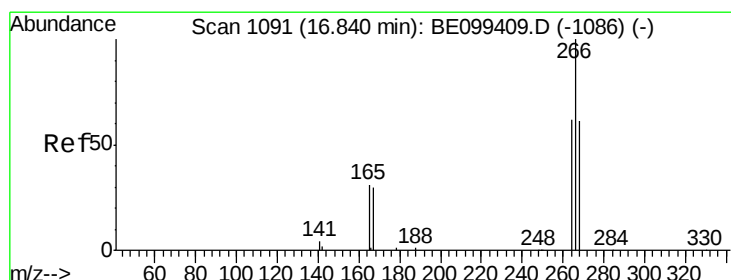
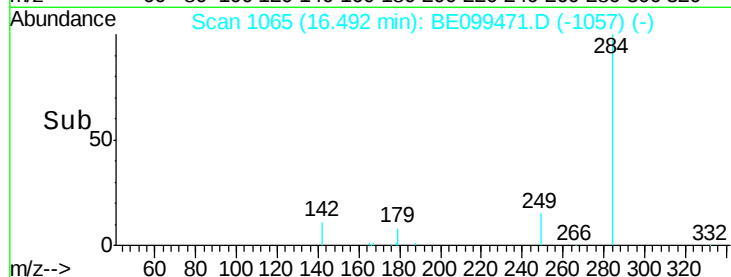
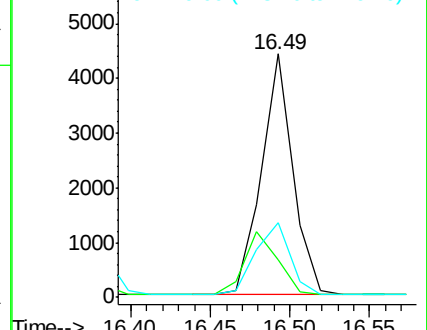
249 33.1 26.7 40.1



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: 0.533 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099471.D

Acq: 1 May 2019 19:32

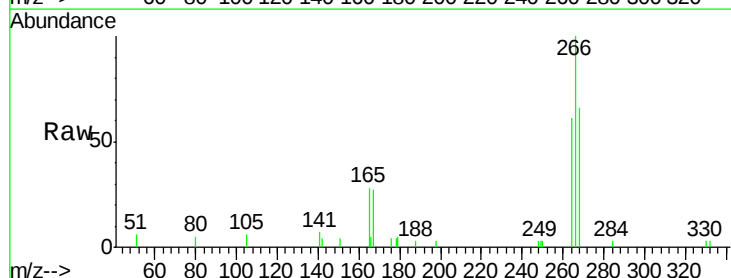
Tgt Ion:266 Resp: 2688

Ion Ratio Lower Upper

266 100

264 60.6 50.8 76.2

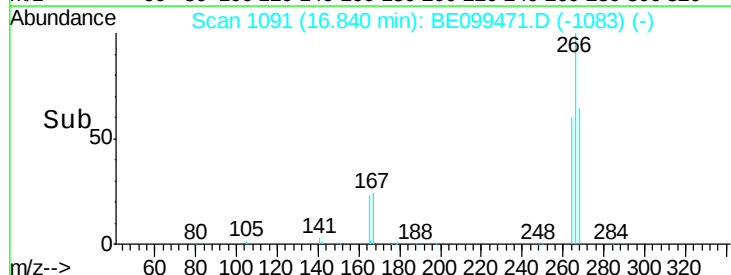
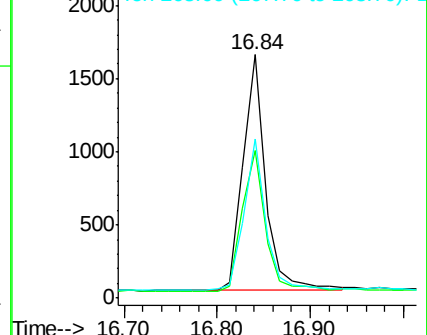
268 65.6 50.5 75.7

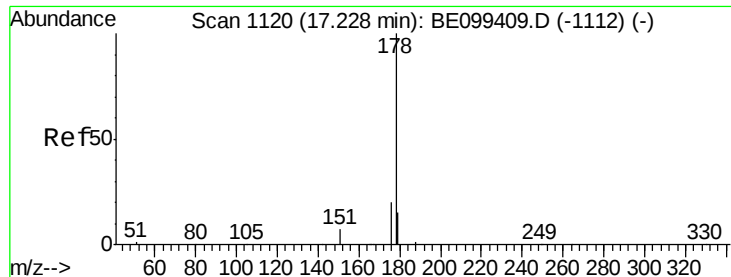


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

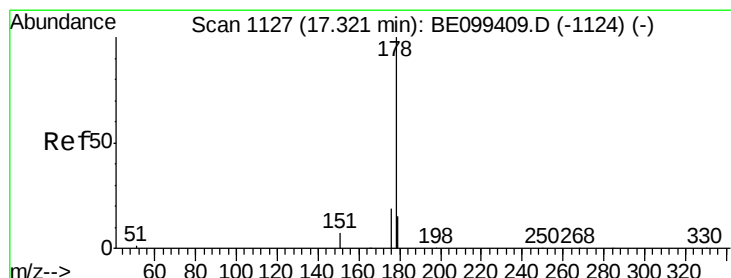
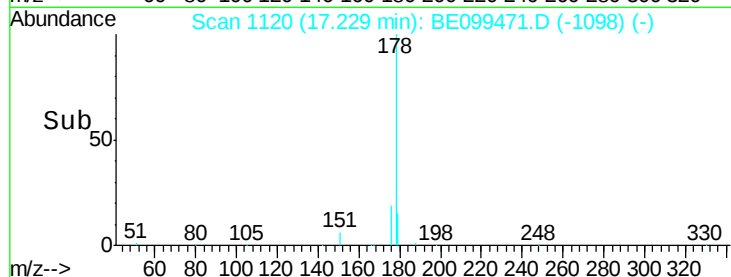
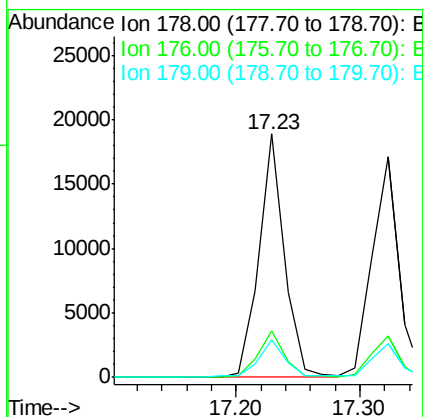
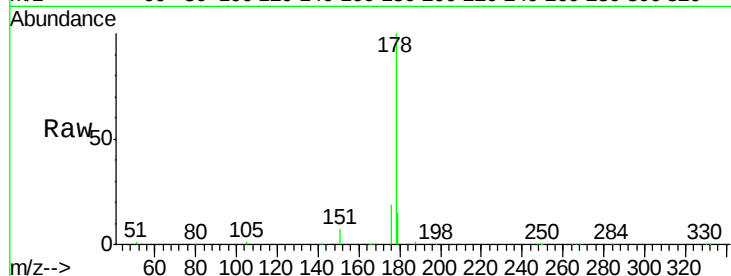




#23
Phenanthrene
Concen: 0.405 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

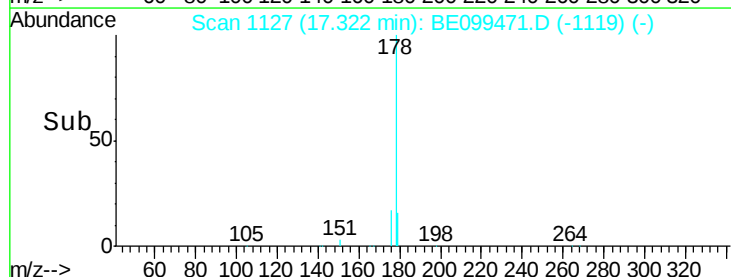
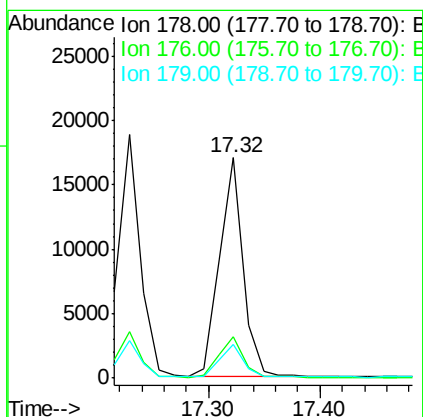
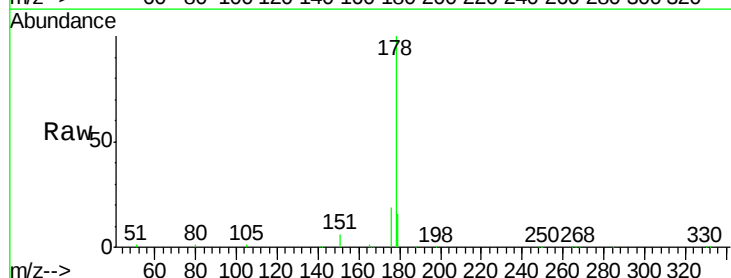
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

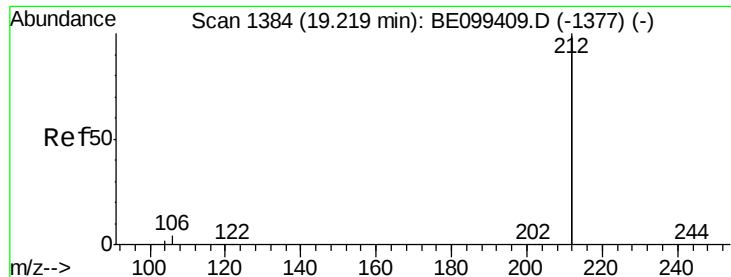
Tot Ion:178 Resp: 26539
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.3 12.0 18.0



#24
Anthracene
Concen: 0.401 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Tgt Ion:178 Resp: 25049
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.1 11.9 17.9





#25

Fluoranthene-d10

Concen: 0.365 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099471.D

Acq: 1 May 2019 19:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

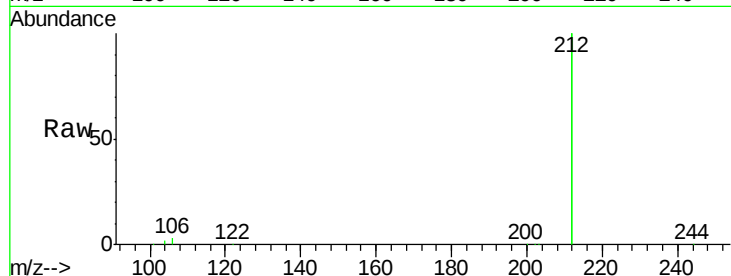
Tot Ion:212 Resp: 125037

Ion Ratio Lower Upper

212 100

106 1.8 1.5 2.3

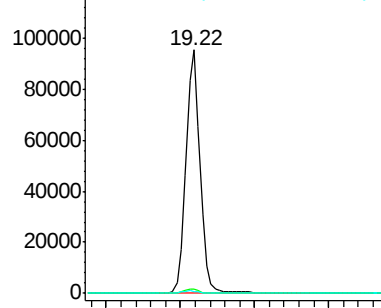
104 1.1 0.9 1.3



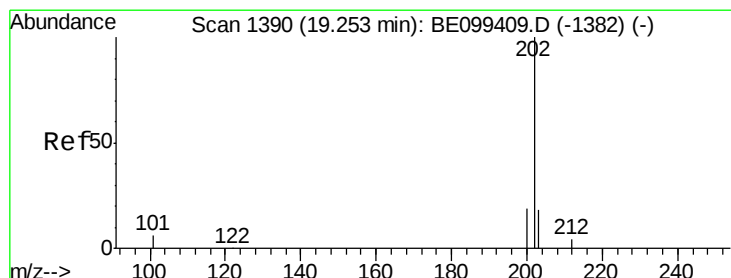
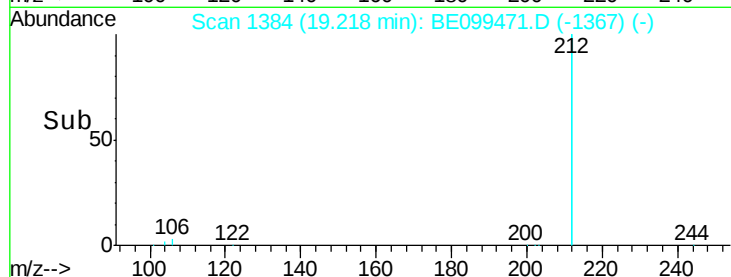
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 19.10 19.20 19.30 19.40



#26

Fluoranthene

Concen: 0.367 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099471.D

Acq: 1 May 2019 19:32

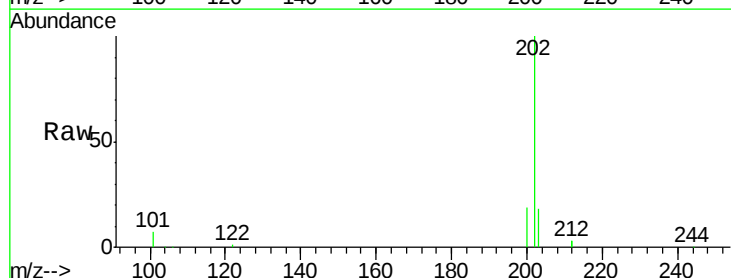
Tgt Ion:202 Resp: 36046

Ion Ratio Lower Upper

202 100

101 6.8 5.4 8.0

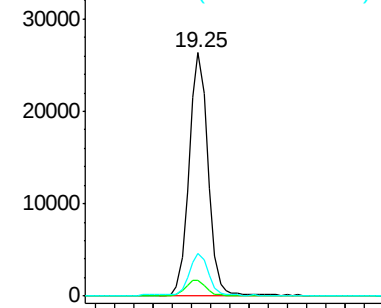
203 17.0 13.9 20.9



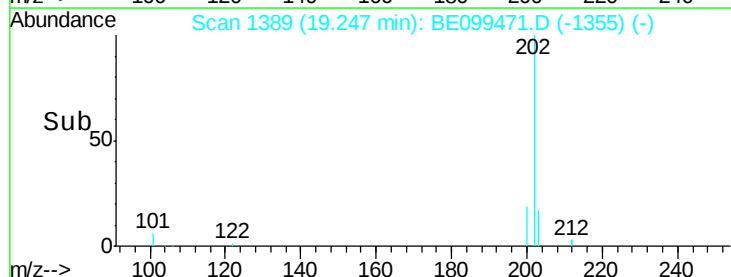
Abundance Ion 202.00 (201.70 to 202.70): E

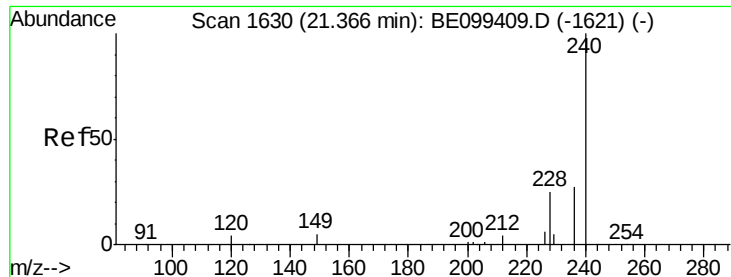
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.20 19.30 19.40

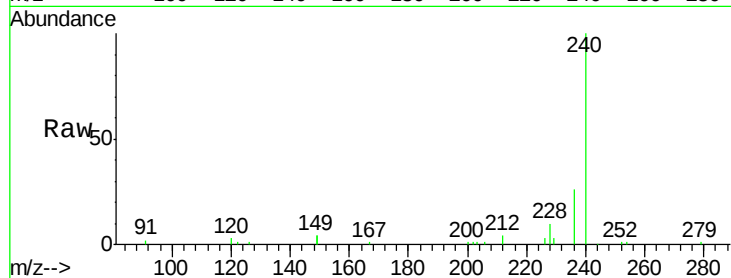




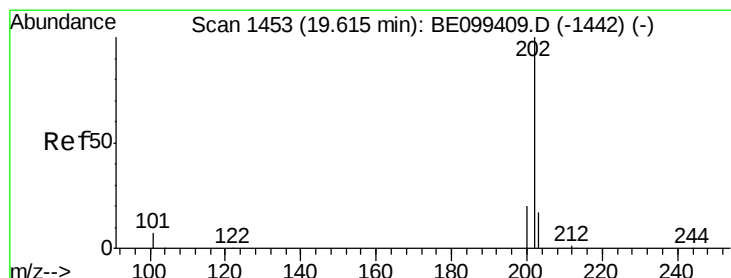
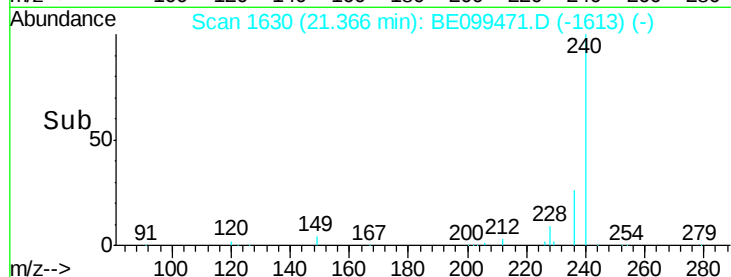
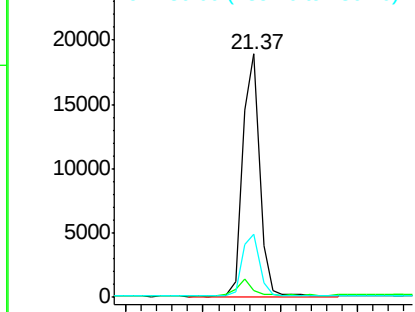
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:240 Resp: 28654
Ion Ratio Lower Upper
240 100
120 3.0 4.0 6.0#
236 26.0 22.0 33.0

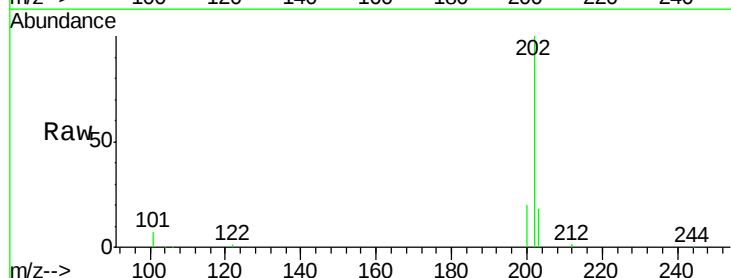


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

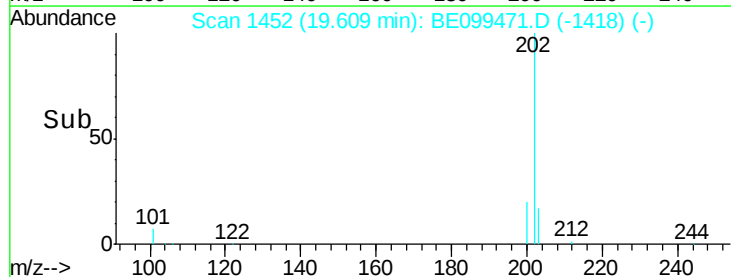
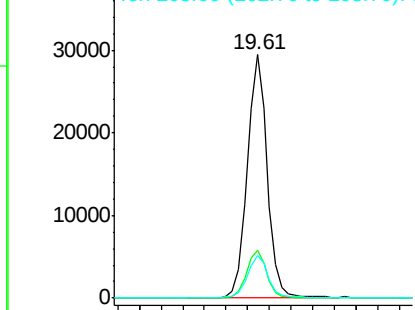


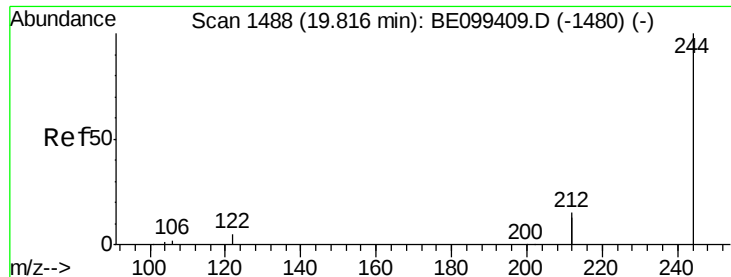
#28
Pyrene
Concen: 0.499 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099471.D
Acq: 1 May 2019 19:32

Tgt Ion:202 Resp: 37294
Ion Ratio Lower Upper
202 100
200 19.7 15.7 23.5
203 17.8 13.9 20.9



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: 0.488 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099471.D

Acq: 1 May 2019 19:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

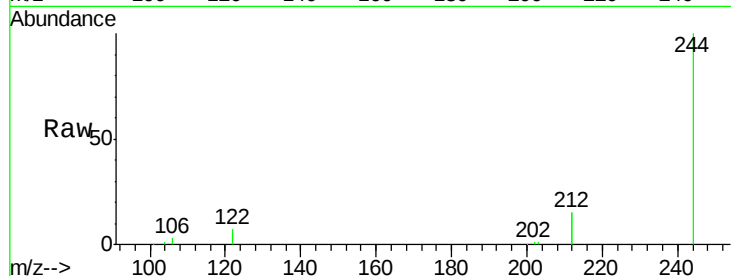
Tot Ion:244 Resp: 25602

Ion Ratio Lower Upper

244 100

212 30.7 23.2 34.8

122 6.7 4.2 6.4#

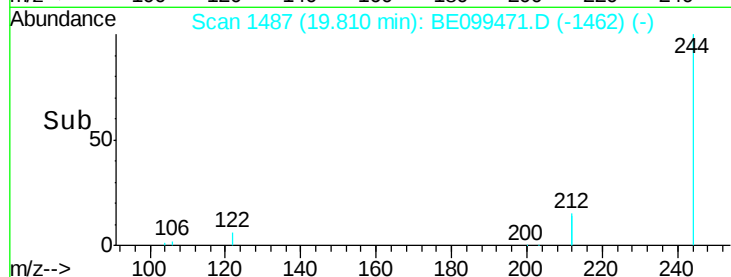


Abundance Ion 244.00 (243.70 to 244.70): E

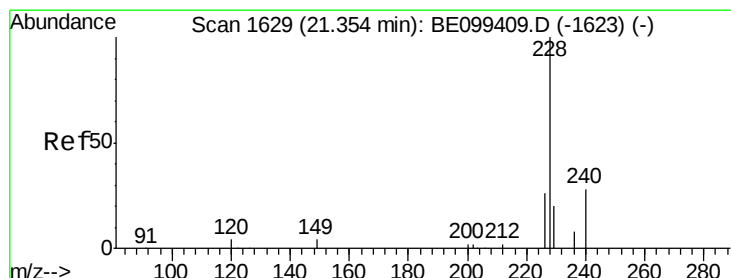
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#30

Benzo(a)anthracene

Concen: 0.461 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BE099471.D

Acq: 1 May 2019 19:32

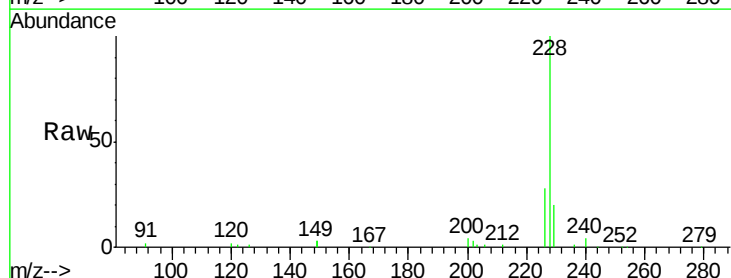
Tgt Ion:228 Resp: 42092

Ion Ratio Lower Upper

228 100

226 28.1 21.0 31.6

229 20.0 16.6 25.0

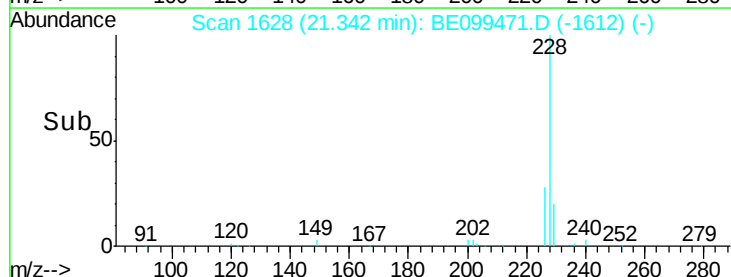


Abundance Ion 228.00 (227.70 to 228.70): E

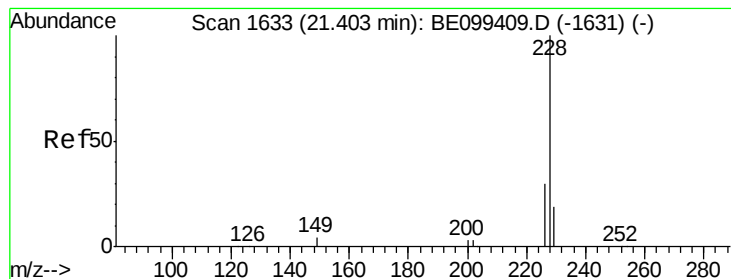
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



Time-->



#31

Chrysene

Concen: 0.435 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099471.D

Acq: 1 May 2019 19:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

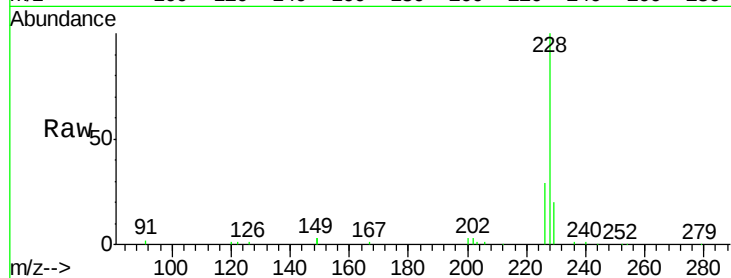
Tot Ion:228 Resp: 38888

Ion Ratio Lower Upper

228 100

226 28.6 24.0 36.0

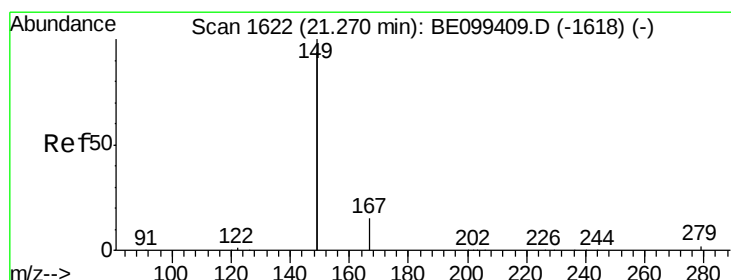
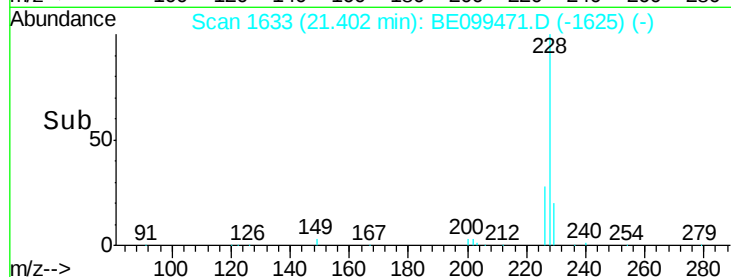
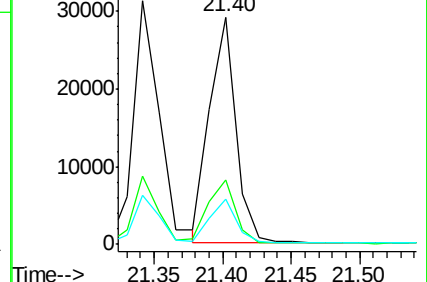
229 20.1 15.8 23.8



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: 0.413 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BE099471.D

Acq: 1 May 2019 19:32

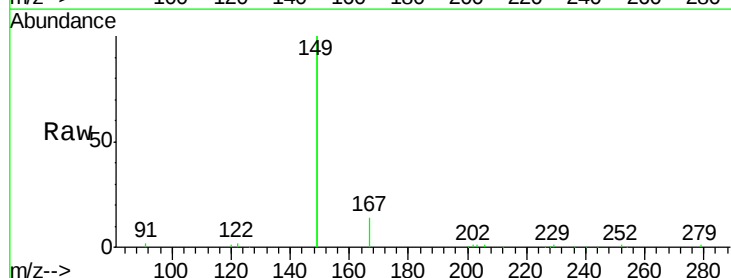
Tgt Ion:149 Resp: 62448

Ion Ratio Lower Upper

149 100

167 7.4 5.8 8.6

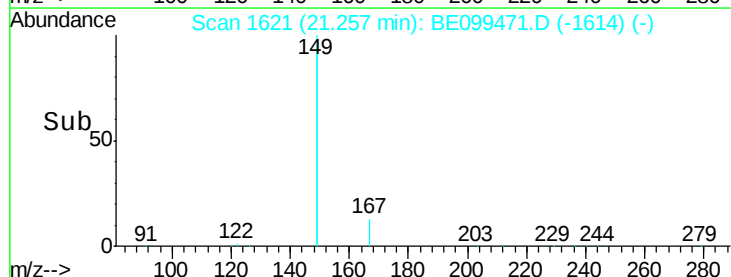
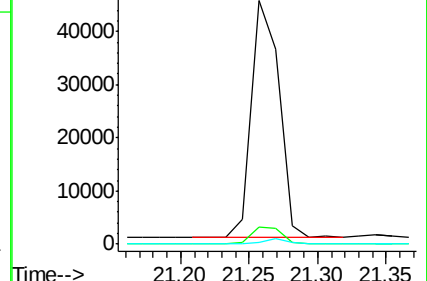
279 1.6 1.0 1.6#

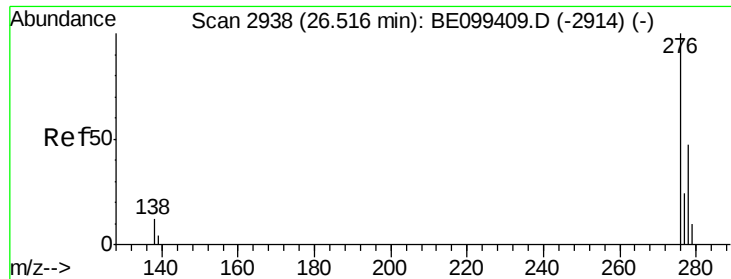


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

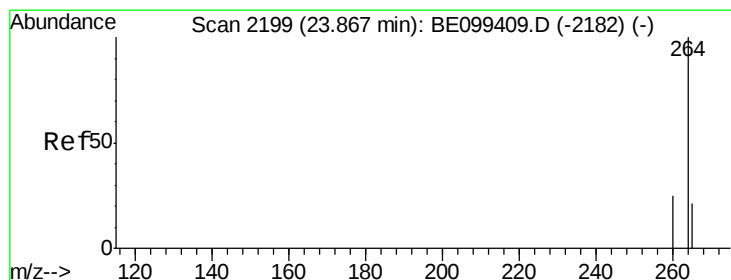
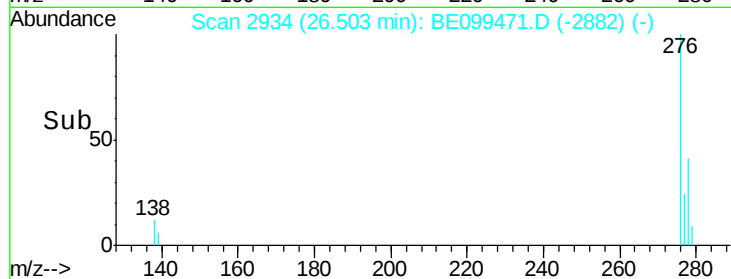
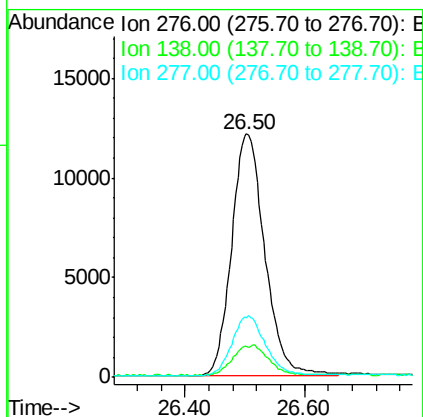
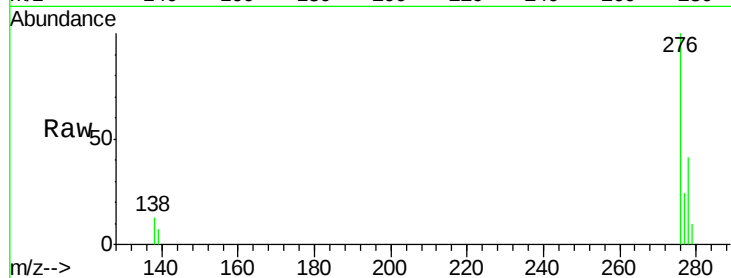




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.442 ng
 RT: 26.50 min Scan# 2934
 Delta R.T. -0.01 min
 Lab File: BE099471.D
 Acq: 1 May 2019 19:32

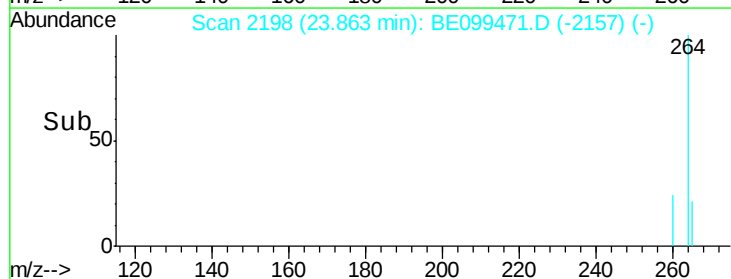
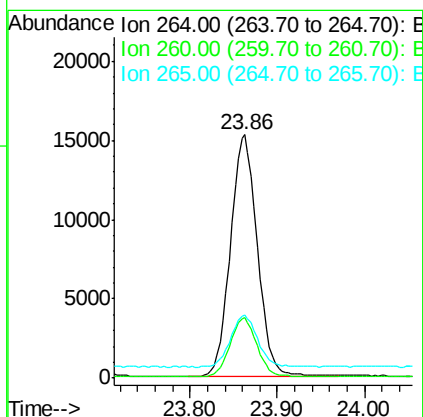
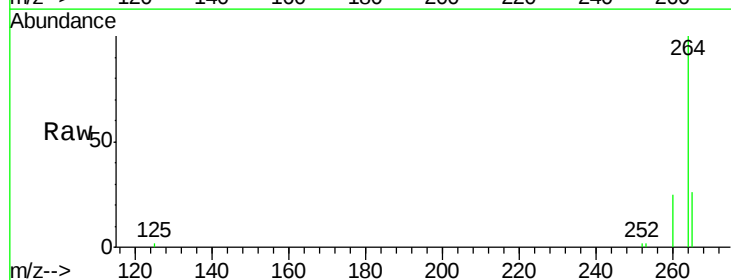
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

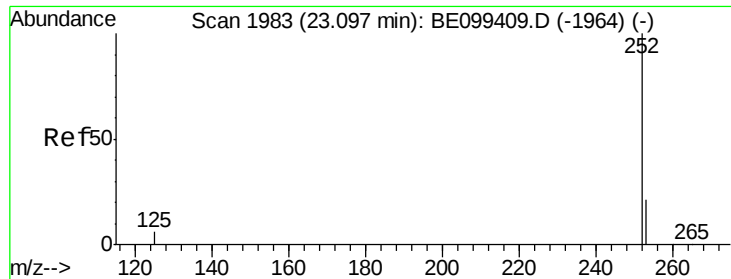
Tot Ion:276 Resp: 46640
 Ion Ratio Lower Upper
 276 100
 138 6.3 10.2 15.2#
 277 24.4 19.2 28.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: BE099471.D
 Acq: 1 May 2019 19:32

Tgt Ion:264 Resp: 32621
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.2 30.2
 265 25.9 21.3 31.9





#35

Benzo(b)fluoranthene

Concen: 0.406 ng

RT: 23.14 min Scan# 1996

Delta R.T. 0.05 min

Lab File: BE099471.D

Acq: 1 May 2019 19:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

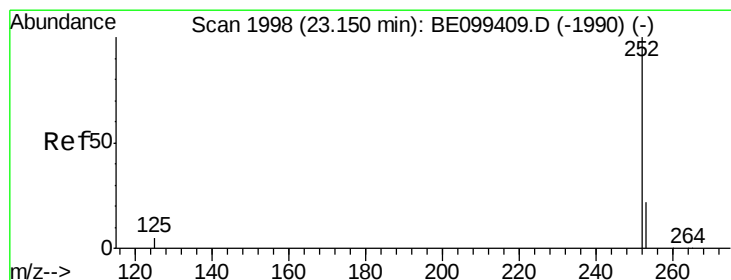
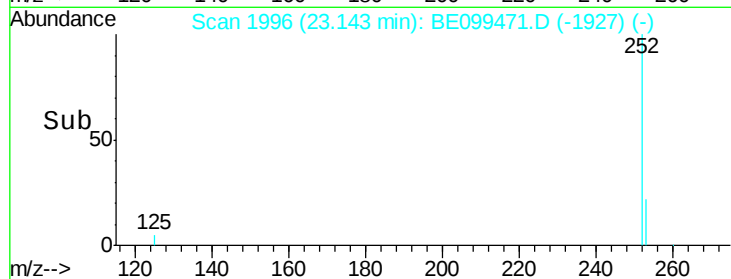
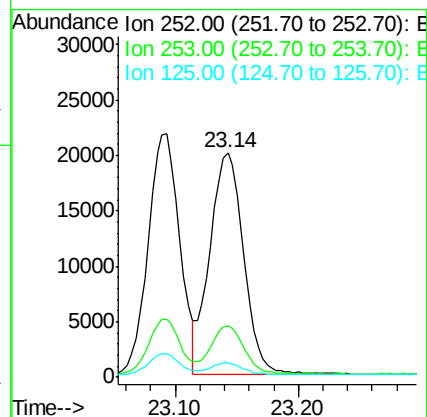
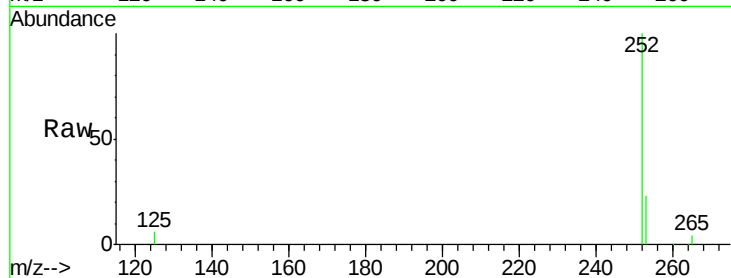
Tot Ion:252 Resp: 38234

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

125 6.5 5.6 8.4



#36

Benzo(k)fluoranthene

Concen: 0.422 ng

RT: 23.14 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BE099471.D

Acq: 1 May 2019 19:32

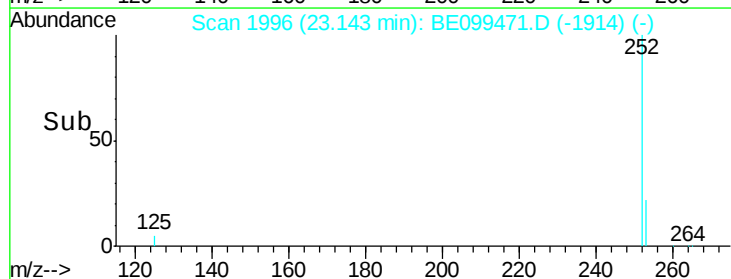
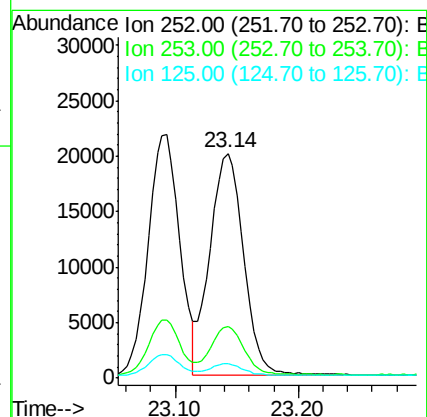
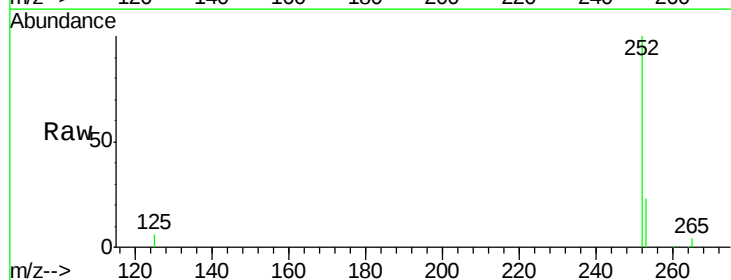
Tgt Ion:252 Resp: 38234

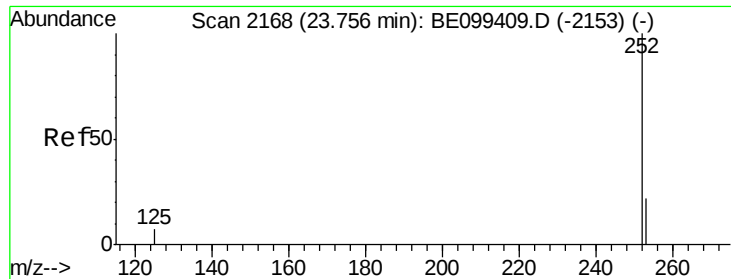
Ion Ratio Lower Upper

252 100

253 23.0 18.4 27.6

125 6.5 5.0 7.4





#37

Benzo(a)pyrene

Concen: 0.418 ng

RT: 23.75 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BE099471.D

Acq: 1 May 2019 19:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

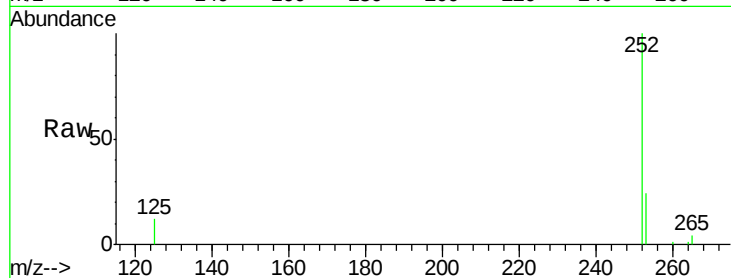
Tot Ion:252 Resp: 37187

Ion Ratio Lower Upper

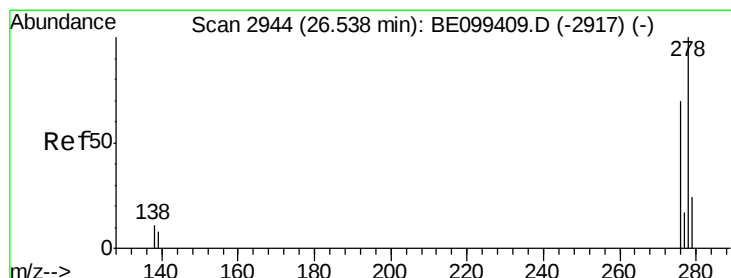
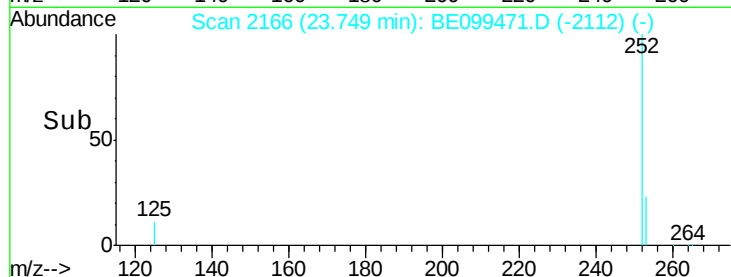
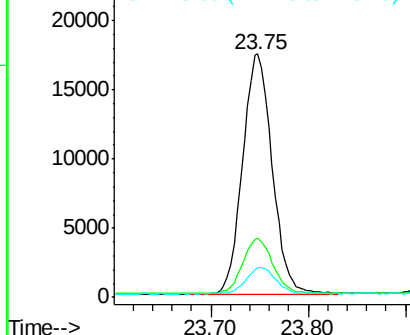
252 100

253 24.4 18.9 28.3

125 12.3 6.7 10.1#



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: 0.411 ng

RT: 26.53 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BE099471.D

Acq: 1 May 2019 19:32

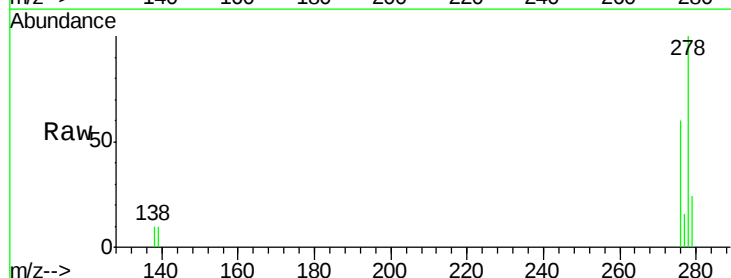
Tgt Ion:278 Resp: 37402

Ion Ratio Lower Upper

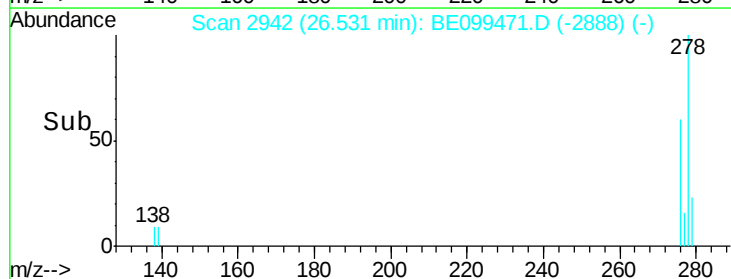
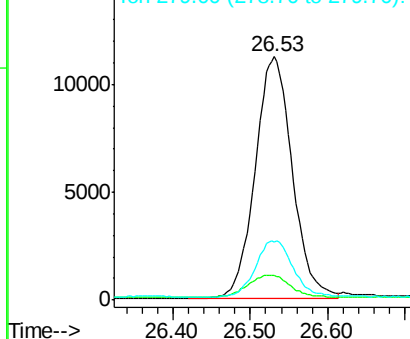
278 100

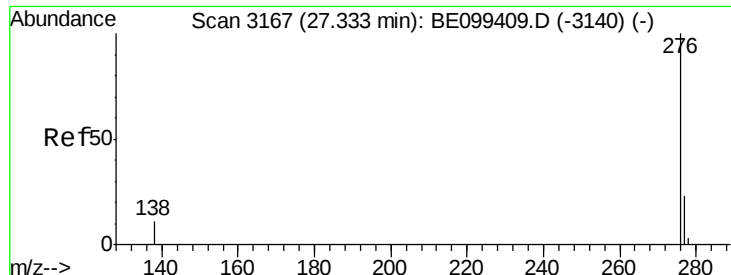
139 10.0 7.7 11.5

279 23.8 20.2 30.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.417 ng

RT: 27.32 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BE099471.D

Acq: 1 May 2019 19:32

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

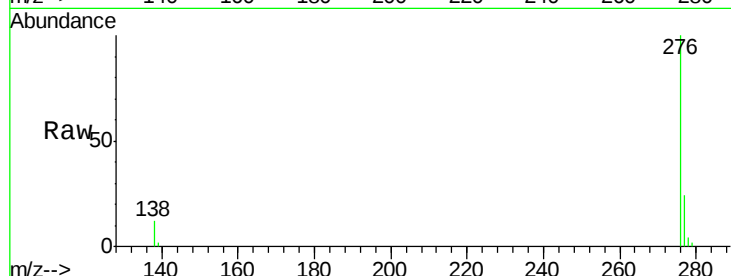
Tot Ion: 276 Resp: 38044

Ion Ratio Lower Upper

276 100

277 24.0 19.5 29.3

138 12.0 9.6 14.4



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

