

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE043019\
 Data File : BE099452.D
 Acq On : 1 May 2019 7:14
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: May 01 07:51:10 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	7.82	152	2716	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	11607	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	9171	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	26493	0.40	ng	0.00
27) Chrysene-d12	21.37	240	31298	0.40	ng	0.00
34) Perylene-d12	23.86	264	35286	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	3246	0.43	ng	0.00
5) Phenol-d6	6.97	99	4947	0.50	ng	0.00
8) Nitrobenzene-d5	8.96	82	4453	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	8708	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	2462	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	13488	0.39	ng	-0.01
25) Fluoranthene-d10	19.22	212	136038	0.38	ng	0.00
29) Terphenyl-d14	19.81	244	27504	0.48	ng	0.00

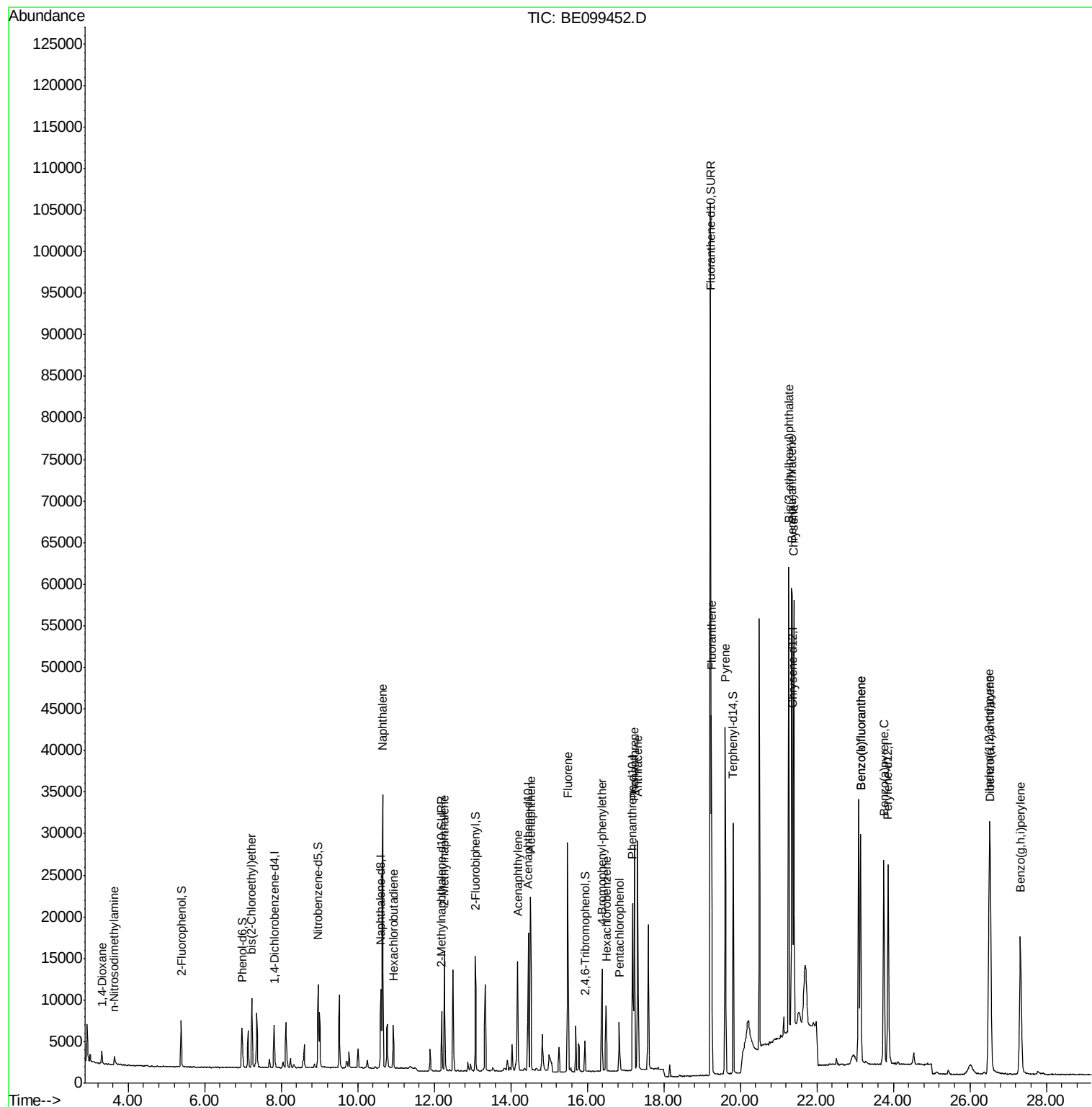
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	1374	0.368	ng	# 86
3) n-Nitrosodimethylamine	3.63	42	868	0.385	ng	# 88
6) bis(2-Chloroethyl)ether	7.23	93	3449	0.400	ng	99
9) Naphthalene	10.65	128	52241	0.413	ng	100
10) Hexachlorobutadiene	10.93	225	3473	0.395	ng	99
12) 2-Methylnaphthalene	12.27	142	9364	0.426	ng	96
16) Acenaphthylene	14.18	152	18325	0.408	ng	99
17) Acenaphthene	14.51	154	10550	0.412	ng	98
18) Fluorene	15.49	166	15391	0.407	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	6273	0.407	ng	91
21) Hexachlorobenzene	16.49	284	6306	0.429	ng	99
22) Pentachlorophenol	16.84	266	2994	0.554	ng	96
23) Phenanthrene	17.23	178	27612	0.404	ng	99
24) Anthracene	17.32	178	27135	0.416	ng	100
26) Fluoranthene	19.25	202	39051	0.381	ng	99
28) Pyrene	19.61	202	40628	0.498	ng	100
30) Benzo(a)anthracene	21.34	228	46083	0.462	ng	97
31) Chrysene	21.40	228	43259	0.443	ng	98
32) Bis(2-ethylhexyl)phthalate	21.27	149	72054	0.441	ng	99
33) Indeno(1,2,3-cd)pyrene	26.51	276	50196	0.435	ng	99
35) Benzo(b)fluoranthene	23.14	252	40715	0.400	ng	99
36) Benzo(k)fluoranthene	23.14	252	40715	0.415	ng	99
37) Benzo(a)pyrene	23.75	252	40050	0.416	ng	# 97
38) Dibenzo(a,h)anthracene	26.54	278	41279	0.420	ng	99
39) Benzo(g,h,i)perylene	27.32	276	41217	0.418	ng	98

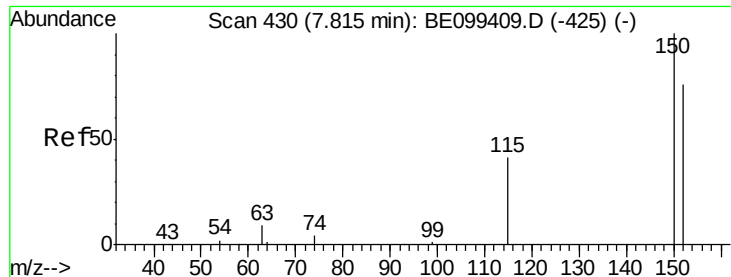
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 29 18:36:43 2019
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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: BE099452.D

Acq: 1 May 2019 7:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

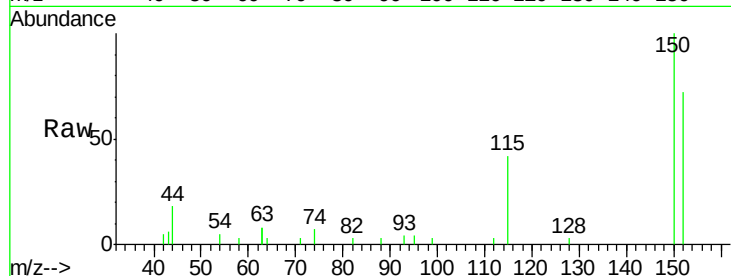
Tot Ion:152 Resp: 2716

Ion Ratio Lower Upper

152 100

150 138.7 104.8 157.2

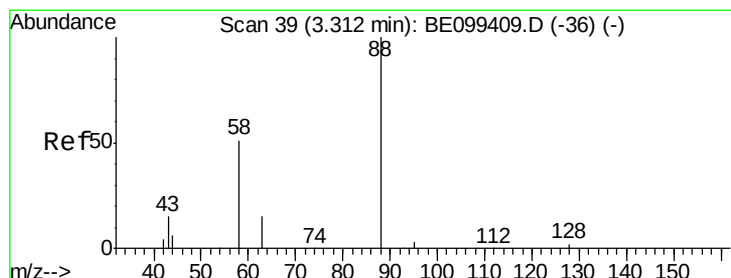
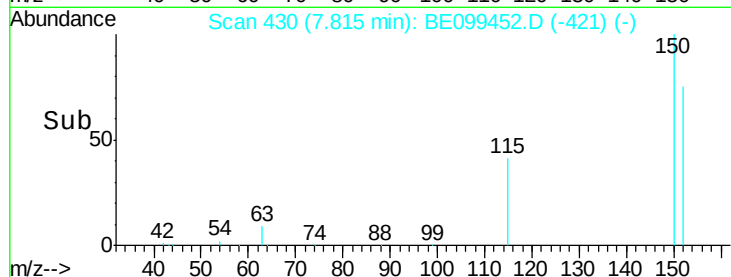
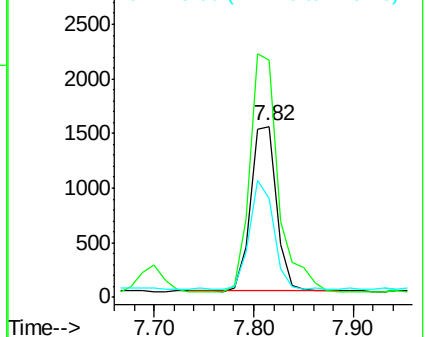
115 57.9 46.6 69.8



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: 0.368 ng

RT: 3.31 min Scan# 39

Delta R.T. -0.00 min

Lab File: BE099452.D

Acq: 1 May 2019 7:14

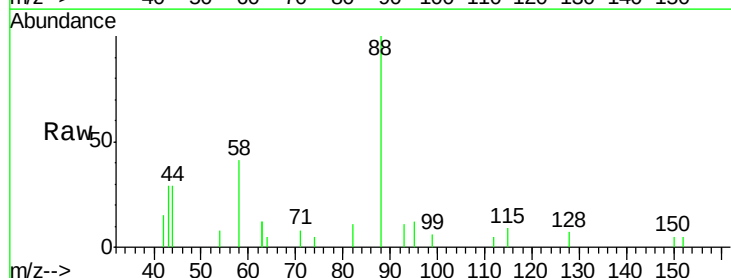
Tgt Ion: 88 Resp: 1374

Ion Ratio Lower Upper

88 100

58 51.9 51.0 76.6

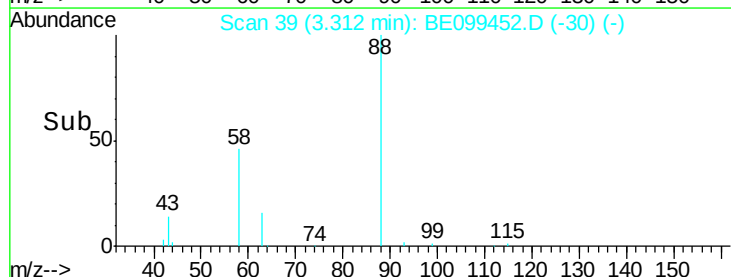
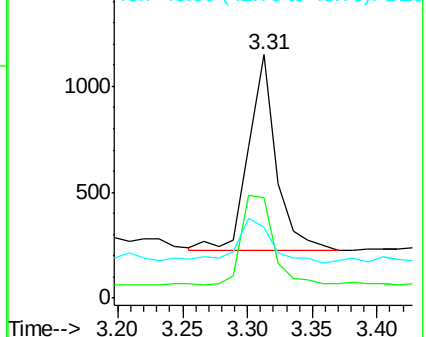
43 31.5 20.6 30.8#

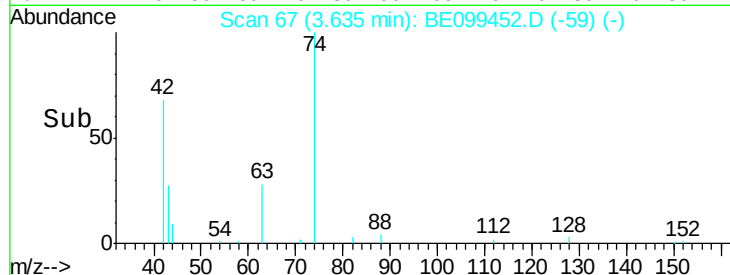
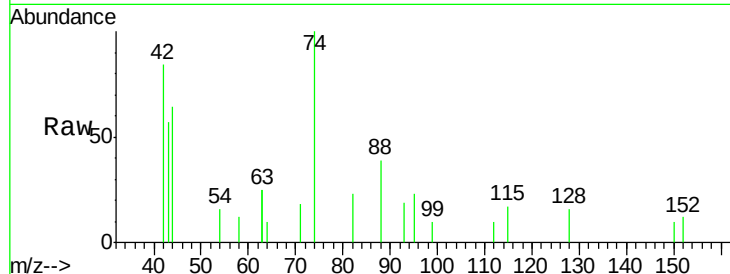
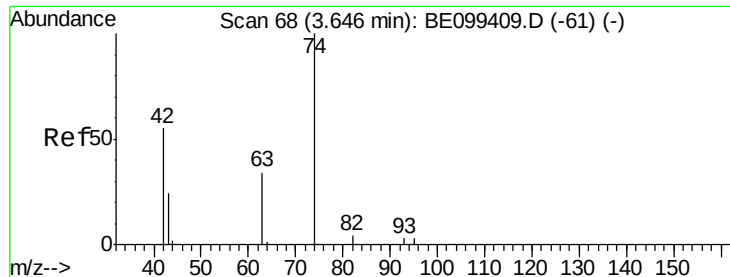


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

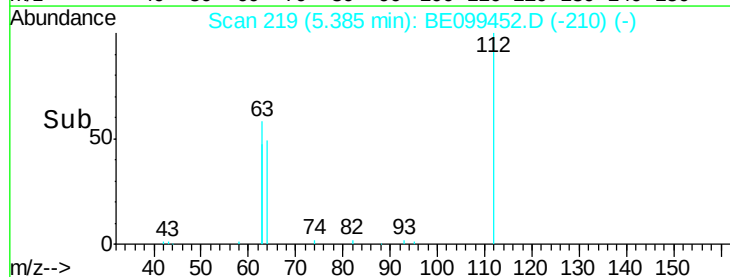
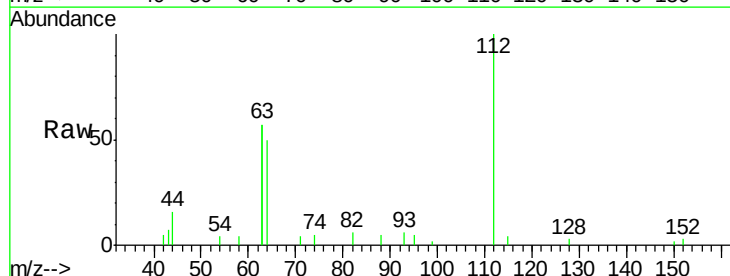
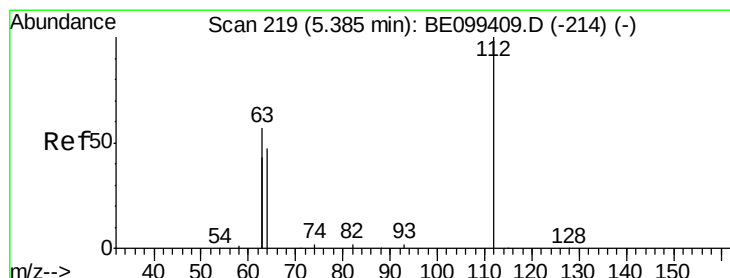
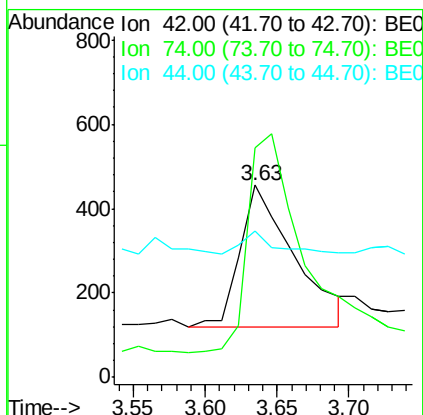




#3
n-Nitrosodimethylamine
Concen: 0.385 ng
RT: 3.63 min Scan# 67
Delta R.T. -0.01 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

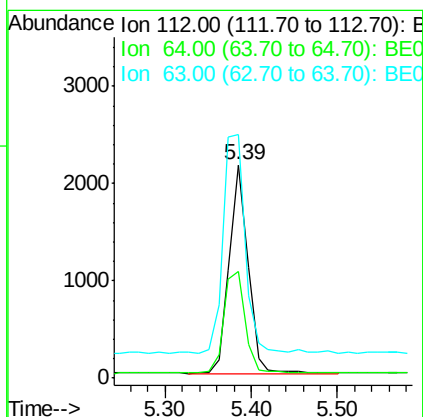
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

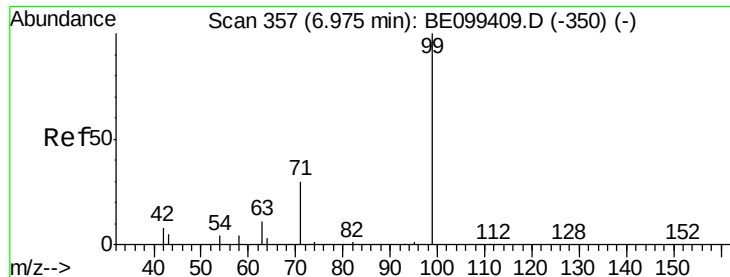
Tot Ion: 42 Resp: 868
Ion Ratio Lower Upper
42 100
74 160.0 141.6 212.4
44 10.0 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.432 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Tgt Ion: 112 Resp: 3246
Ion Ratio Lower Upper
112 100
64 55.4 47.4 71.0
63 125.4 104.3 156.5





#5

Phenol-d6

Concen: 0.495 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099452.D

Acq: 1 May 2019 7:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

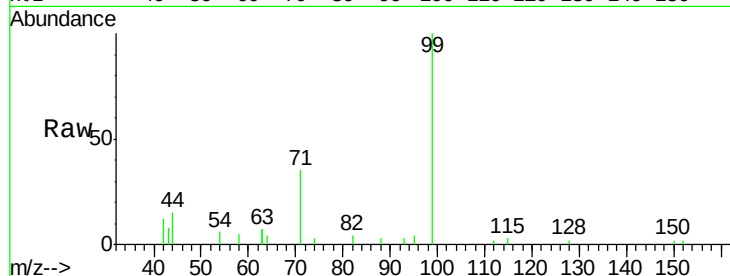
Tot Ion: 99 Resp: 4947

Ion Ratio Lower Upper

99 100

42 17.1 14.9 22.3

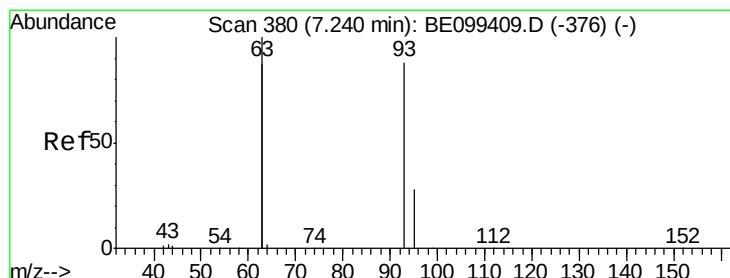
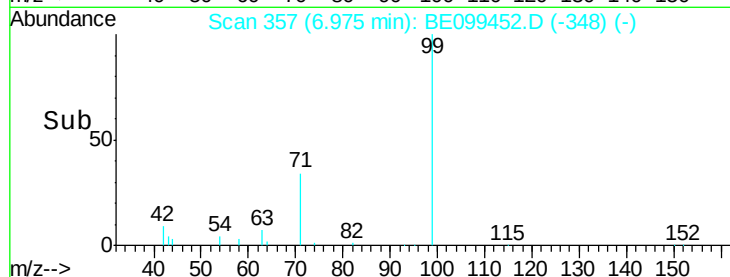
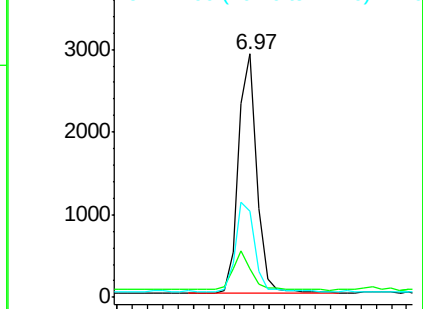
71 39.5 33.0 49.6



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: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099452.D

Acq: 1 May 2019 7:14

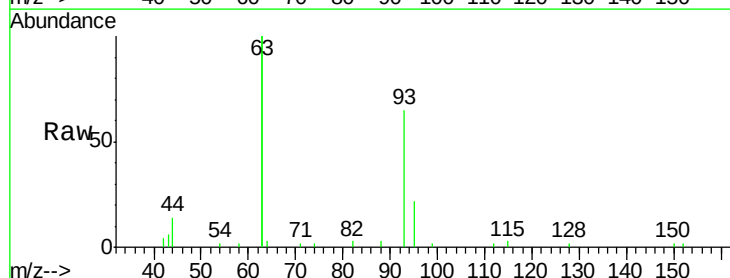
Tgt Ion: 93 Resp: 3449

Ion Ratio Lower Upper

93 100

63 272.1 215.6 323.4

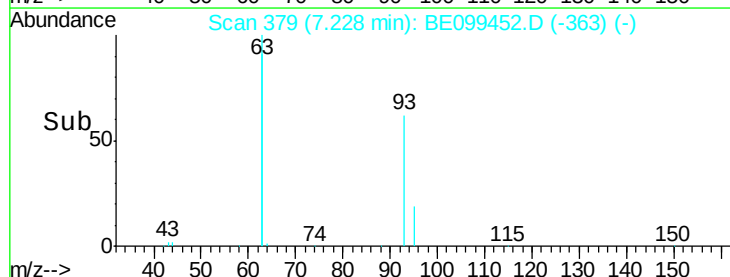
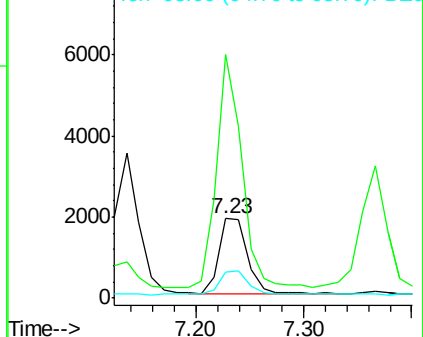
95 31.8 26.2 39.2

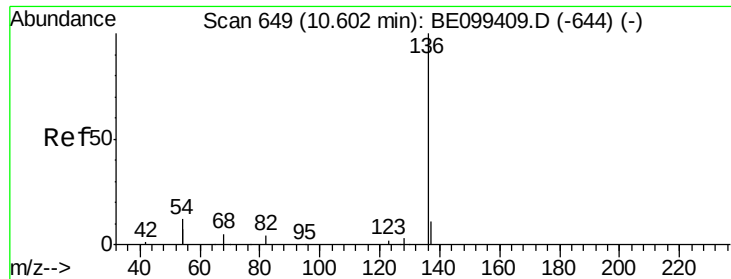


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099452.D

Acq: 1 May 2019 7:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 11607

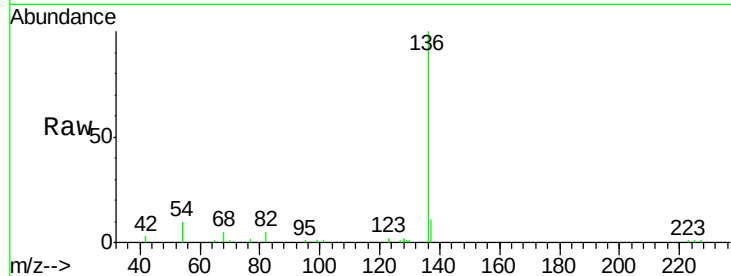
Ion Ratio Lower Upper

136 100

137 11.1 9.8 14.8

54 20.1 18.5 27.7

68 5.4 4.7 7.1

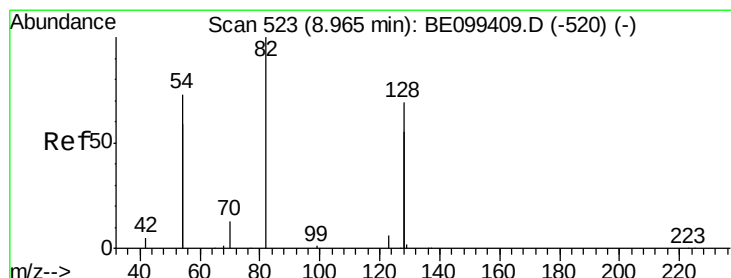
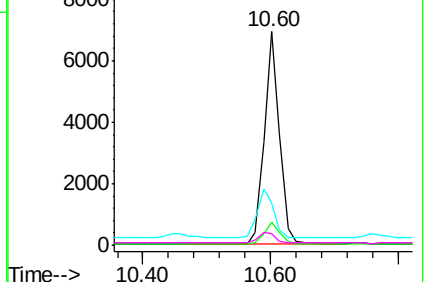
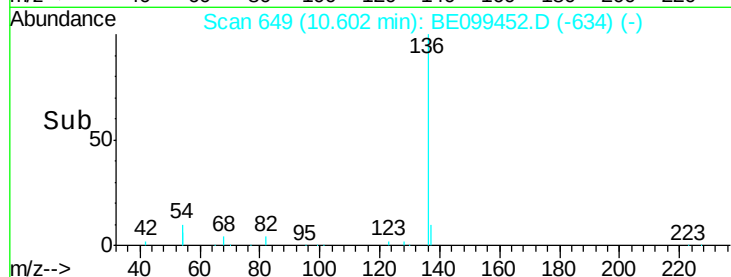


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.409 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099452.D

Acq: 1 May 2019 7:14

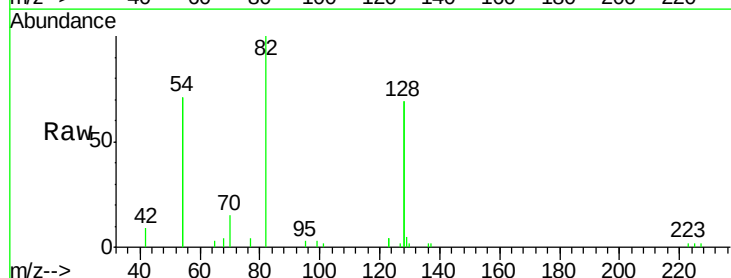
Tgt Ion: 82 Resp: 4453

Ion Ratio Lower Upper

82 100

128 137.5 107.0 160.4

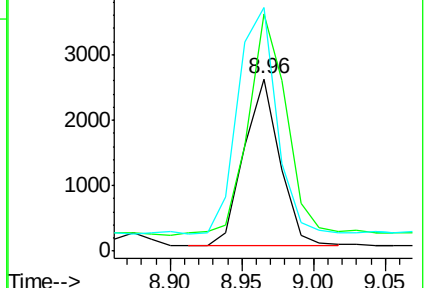
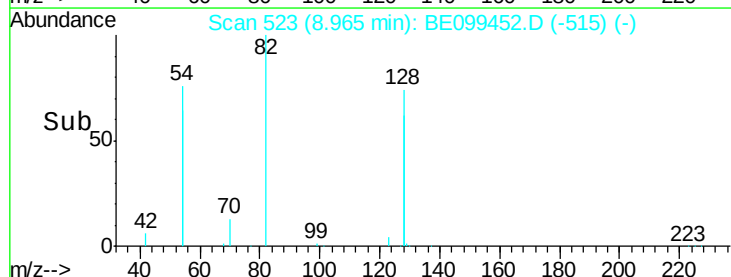
54 141.2 113.1 169.7

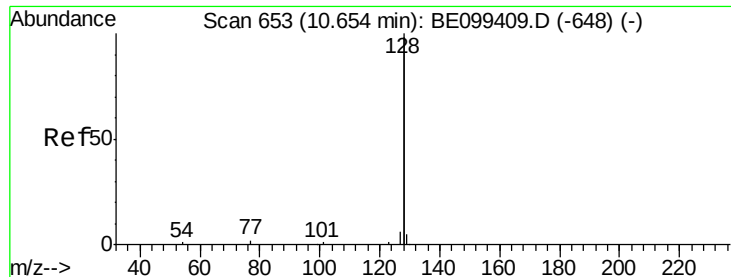


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: BE099452.D

Acq: 1 May 2019 7:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

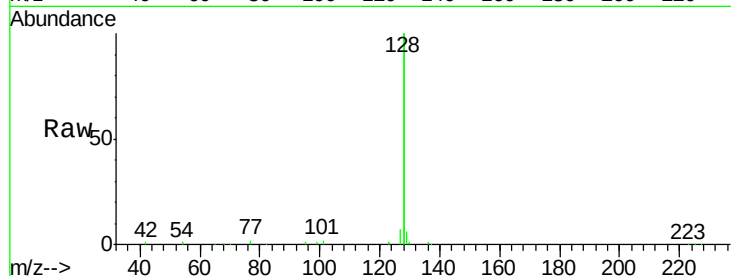
Tot Ion:128 Resp: 52241

Ion Ratio Lower Upper

128 100

129 3.0 2.4 3.6

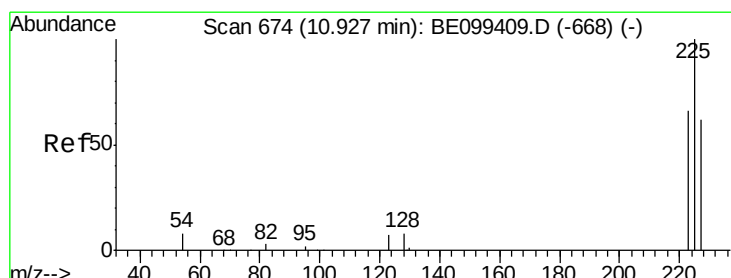
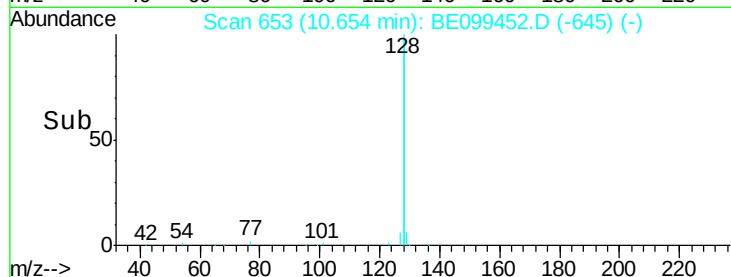
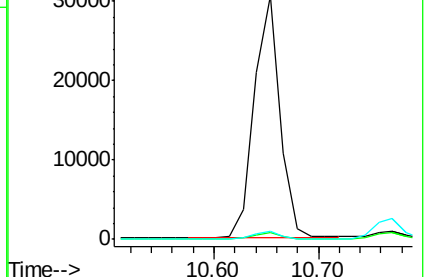
127 3.3 2.8 4.2



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: 0.395 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099452.D

Acq: 1 May 2019 7:14

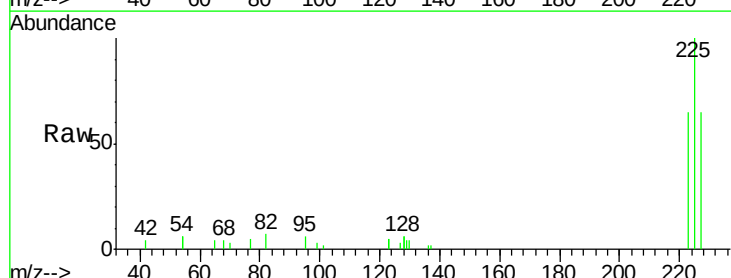
Tgt Ion:225 Resp: 3473

Ion Ratio Lower Upper

225 100

223 64.3 51.0 76.6

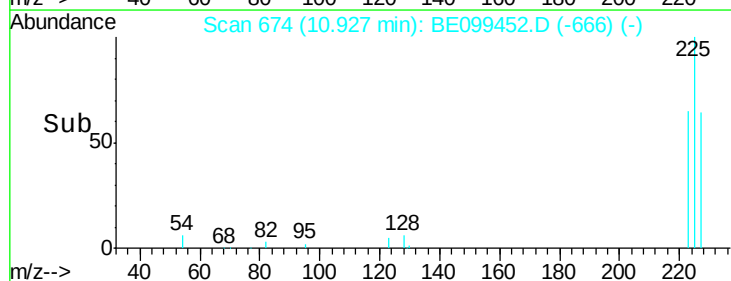
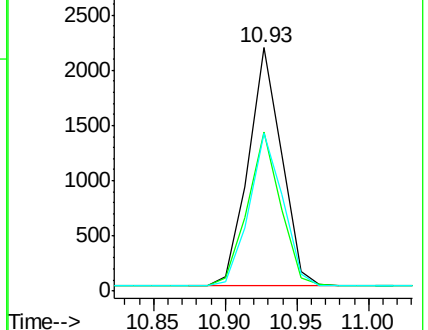
227 64.5 50.9 76.3

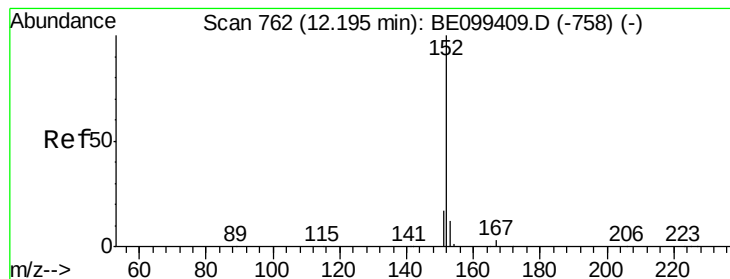


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

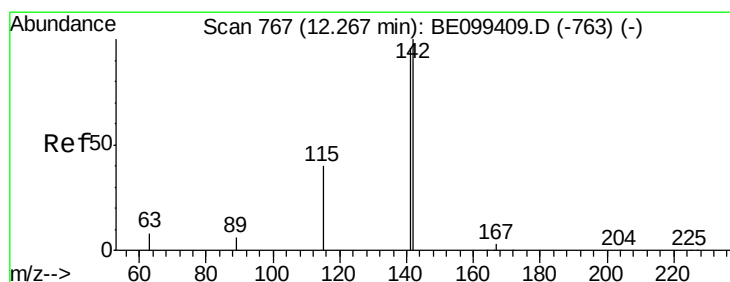
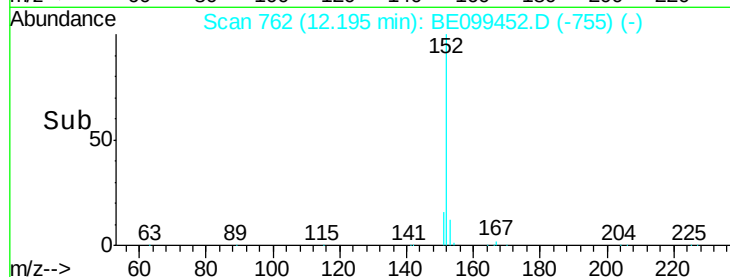
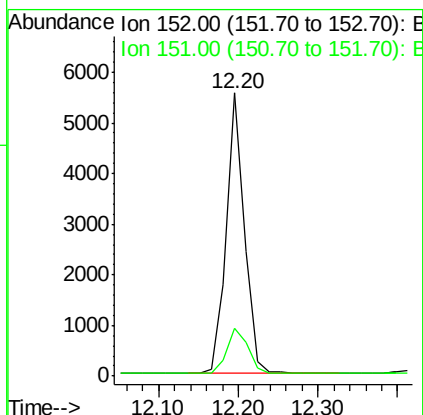
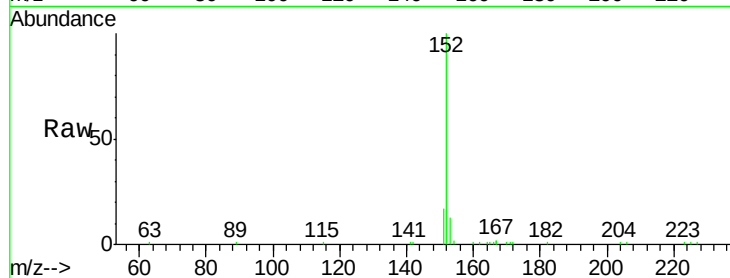




#11
 2-Methylnaphthalene-d10
 Concen: 0.416 ng
 RT: 12.20 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE099452.D
 Acq: 1 May 2019 7:14

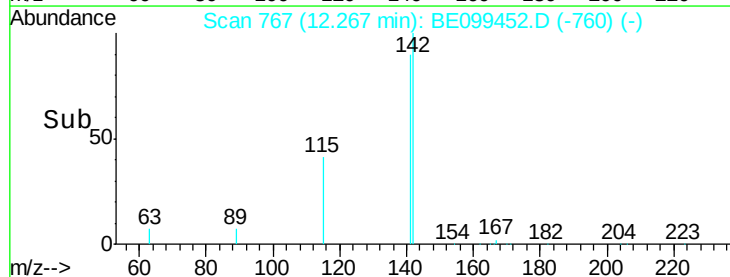
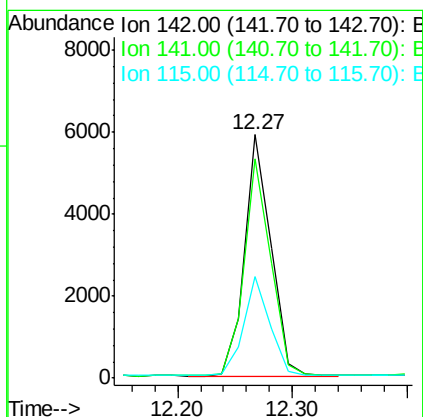
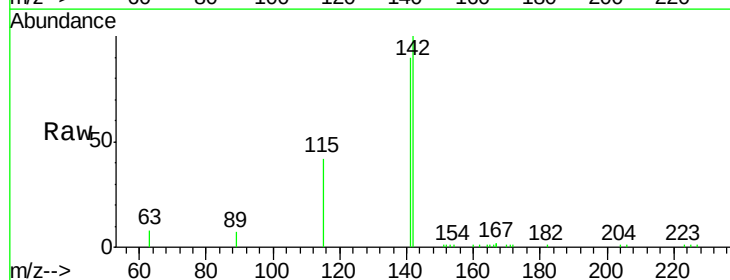
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

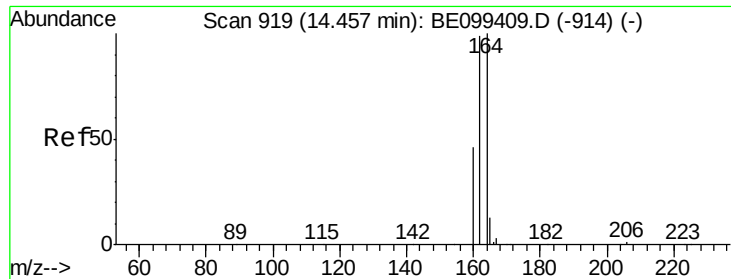
Tot Ion:152 Resp: 8708
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.5 23.3



#12
 2-Methylnaphthalene
 Concen: 0.426 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE099452.D
 Acq: 1 May 2019 7:14

Tgt Ion:142 Resp: 9364
 Ion Ratio Lower Upper
 142 100
 141 90.1 77.0 115.4
 115 41.7 33.4 50.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099452.D

Acq: 1 May 2019 7:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

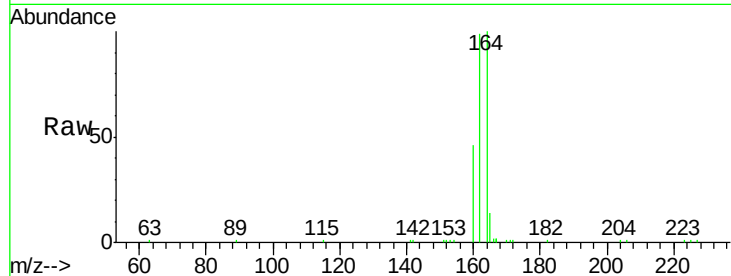
Tot Ion:164 Resp: 9171

Ion Ratio Lower Upper

164 100

162 98.6 79.0 118.4

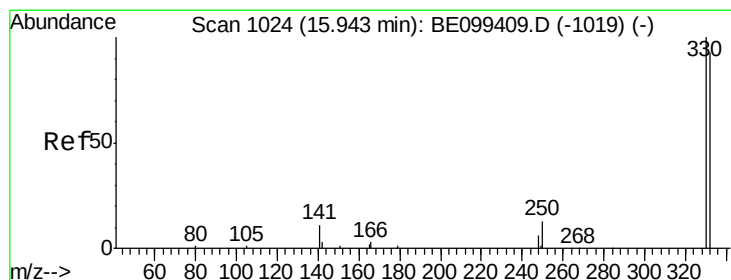
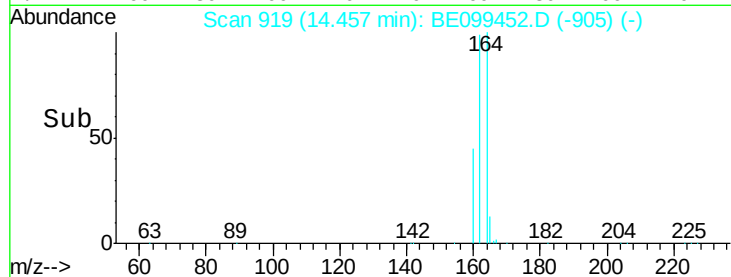
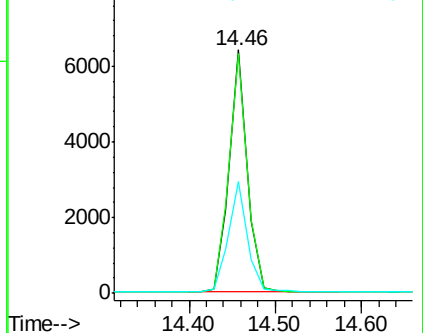
160 45.7 37.0 55.4



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: 0.426 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BE099452.D

Acq: 1 May 2019 7:14

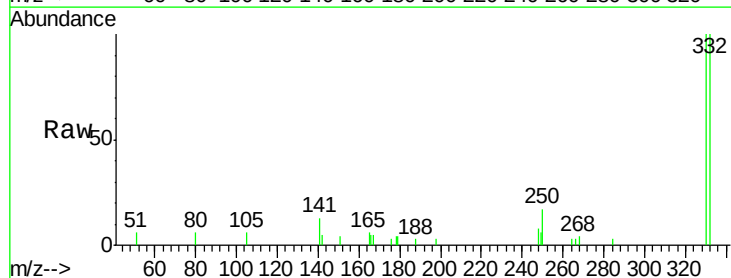
Tgt Ion:330 Resp: 2462

Ion Ratio Lower Upper

330 100

332 98.0 71.5 107.3

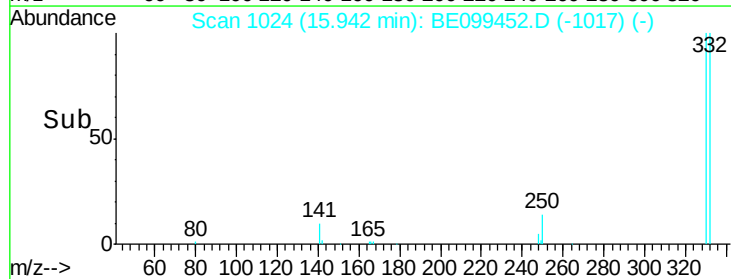
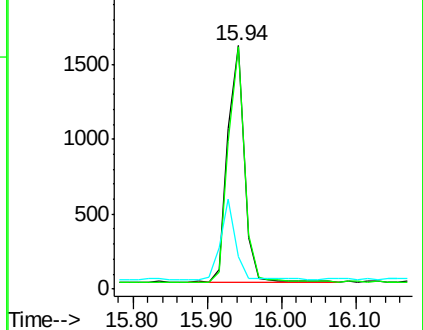
141 31.4 24.0 36.0

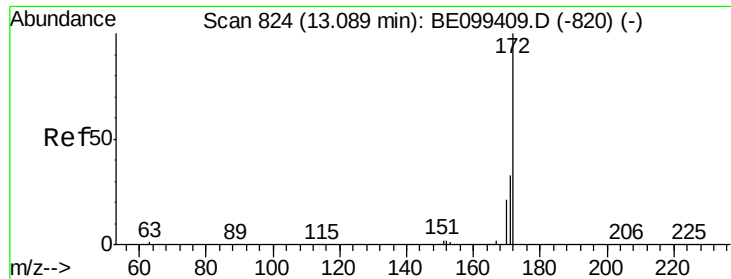


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

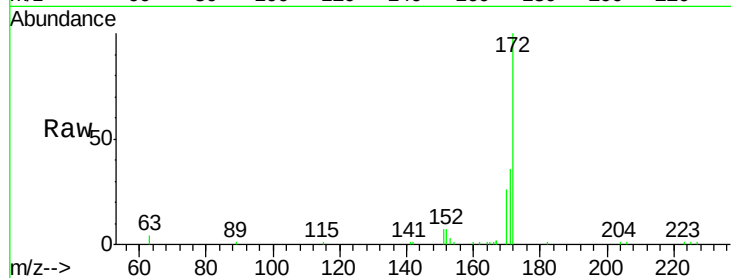




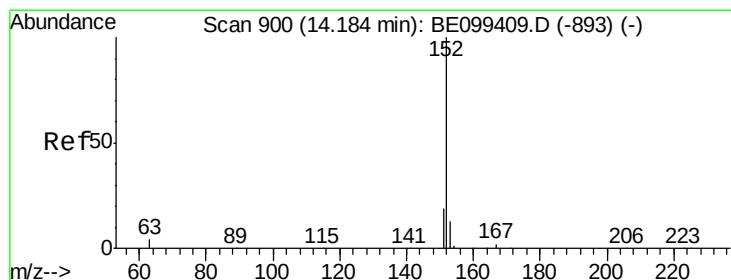
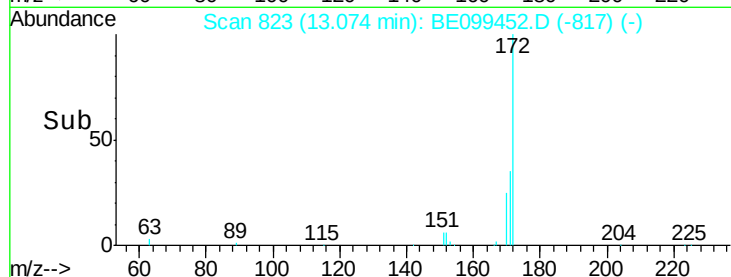
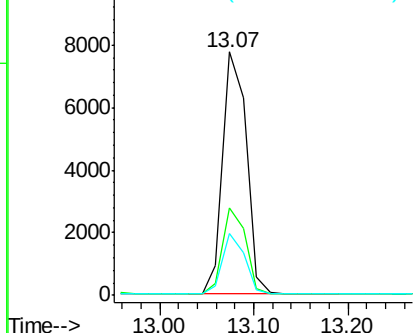
#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 13488
Ion Ratio Lower Upper
172 100
171 35.9 26.6 39.8
170 25.6 17.0 25.6#

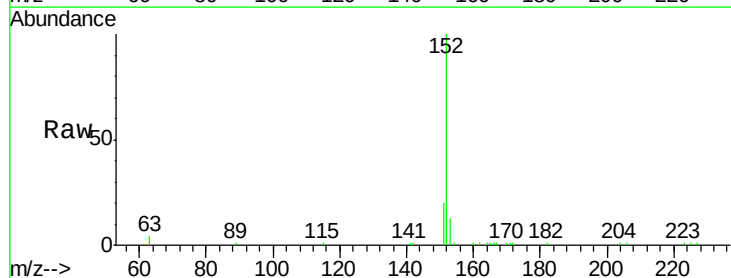


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

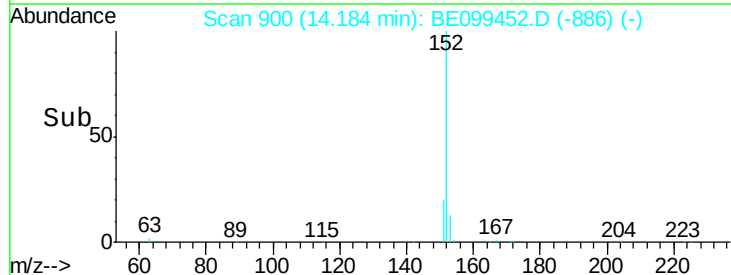
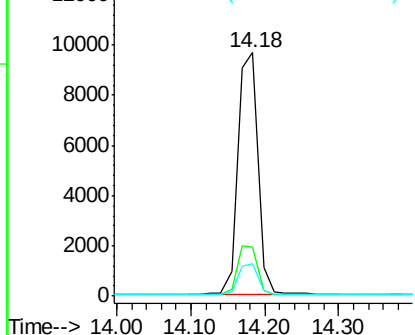


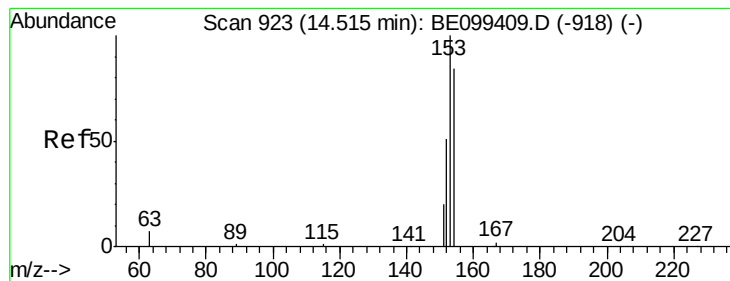
#16
Acenaphthylene
Concen: 0.408 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Tgt Ion:152 Resp: 18325
Ion Ratio Lower Upper
152 100
151 20.0 15.4 23.2
153 12.7 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: 0.412 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BE099452.D

Acq: 1 May 2019 7:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

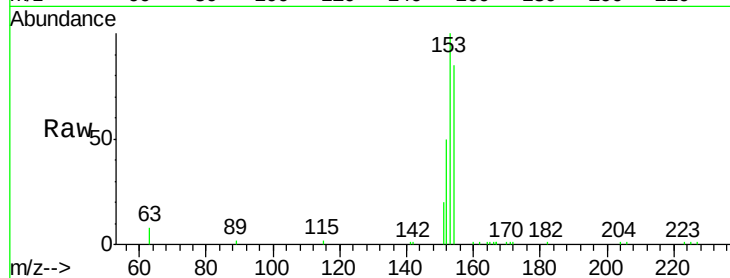
Tot Ion:154 Resp: 10550

Ion Ratio Lower Upper

154 100

153 114.9 92.6 138.8

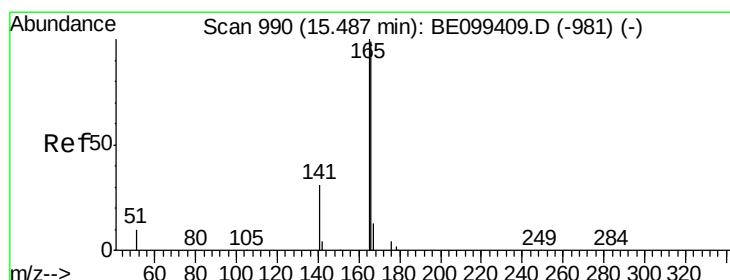
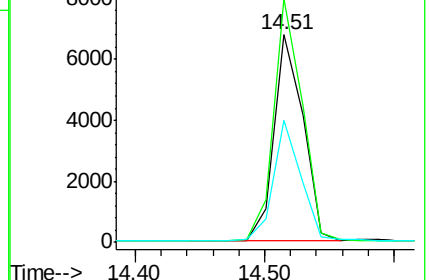
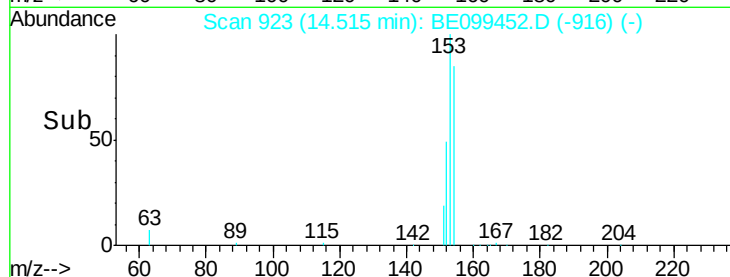
152 54.3 45.8 68.8



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: 0.407 ng

RT: 15.49 min Scan# 990

Delta R.T. -0.00 min

Lab File: BE099452.D

Acq: 1 May 2019 7:14

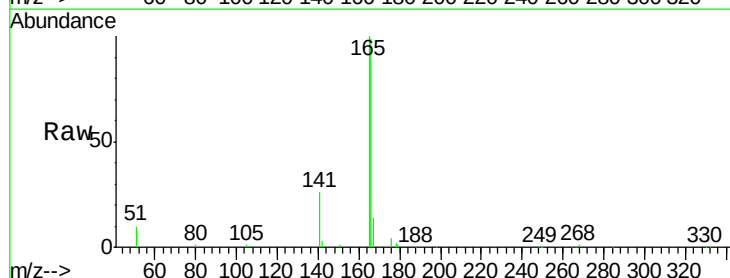
Tgt Ion:166 Resp: 15391

Ion Ratio Lower Upper

166 100

165 99.8 80.3 120.5

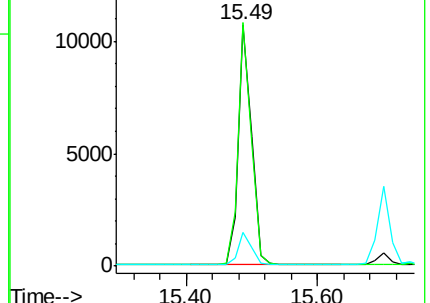
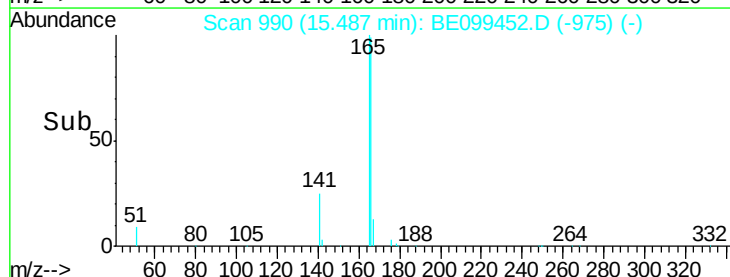
167 13.6 10.7 16.1

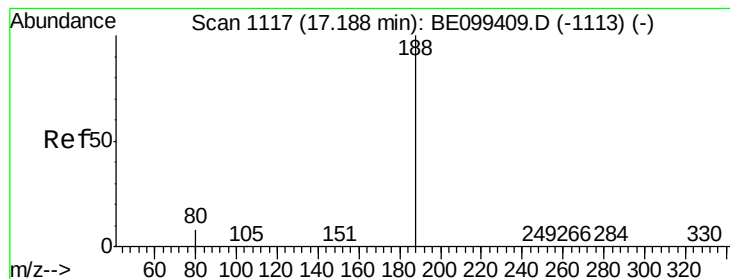


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099452.D

Acq: 1 May 2019 7:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

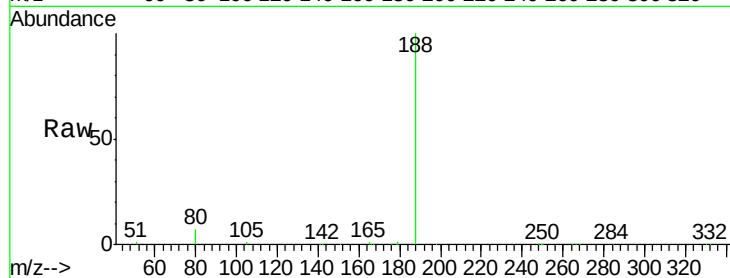
Tot Ion:188 Resp: 26493

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

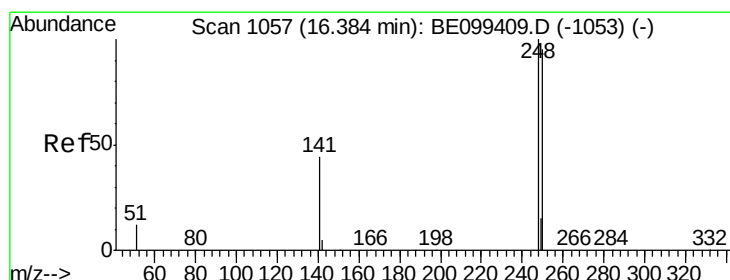
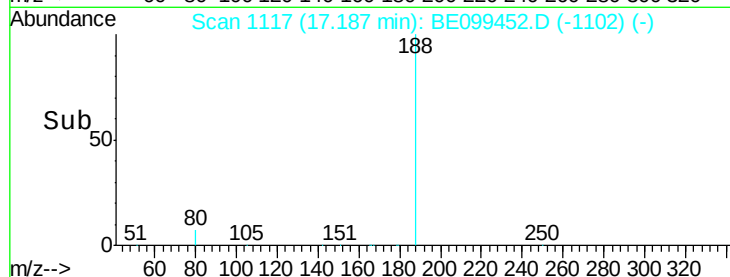
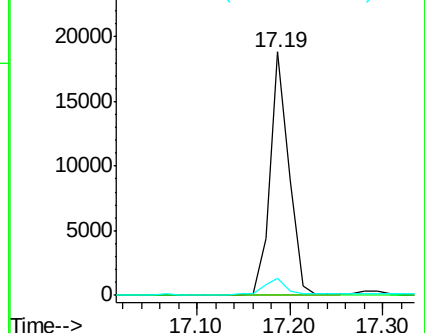
80 7.0 6.7 10.1



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: 0.407 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BE099452.D

Acq: 1 May 2019 7:14

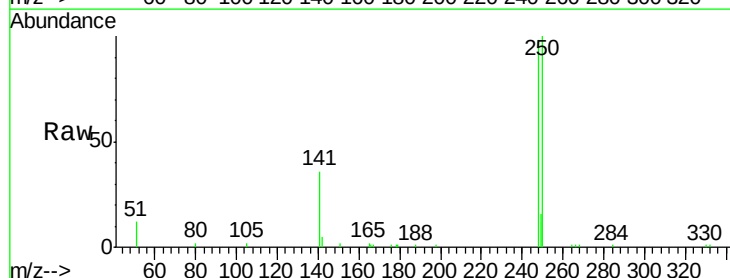
Tgt Ion:248 Resp: 6273

Ion Ratio Lower Upper

248 100

250 102.2 75.8 113.8

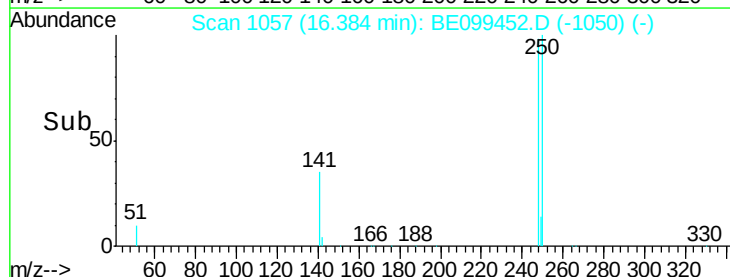
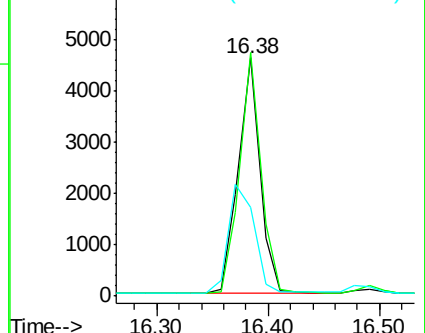
141 37.1 35.7 53.5

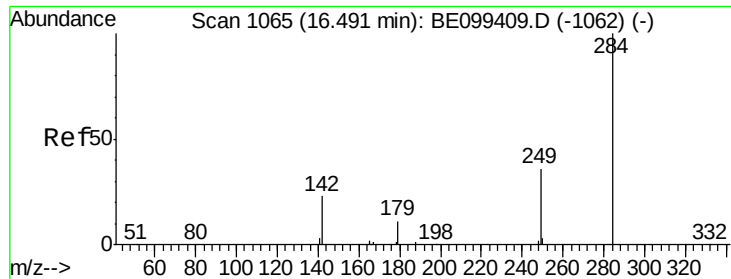


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

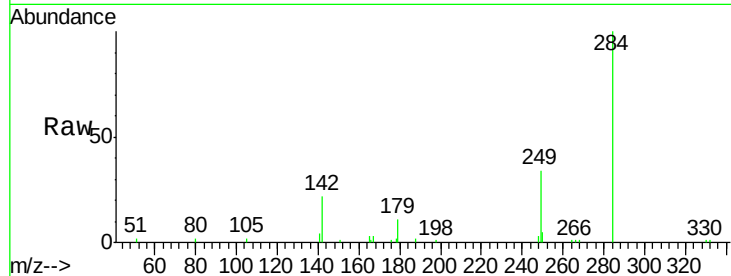




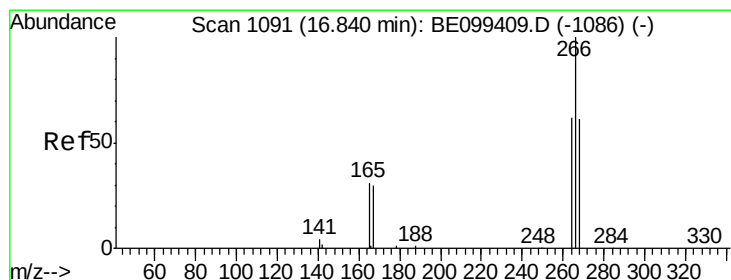
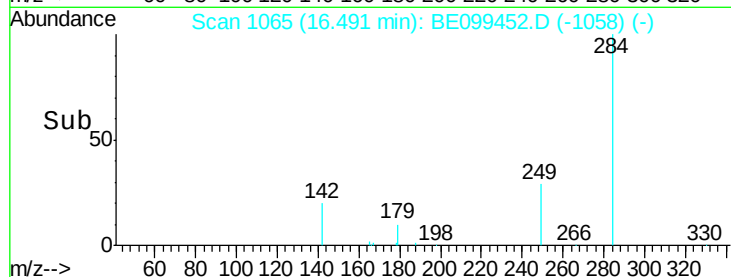
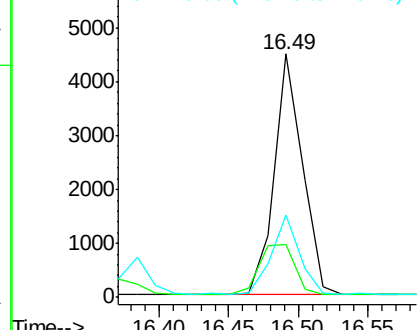
#21
Hexachlorobenzene
Concen: 0.429 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:284 Resp: 6306
Ion Ratio Lower Upper
284 100
142 26.5 21.0 31.6
249 32.4 26.7 40.1

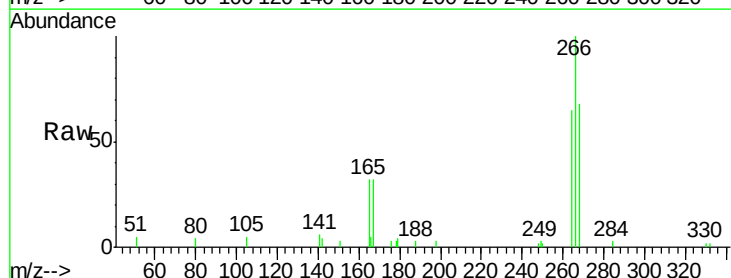


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

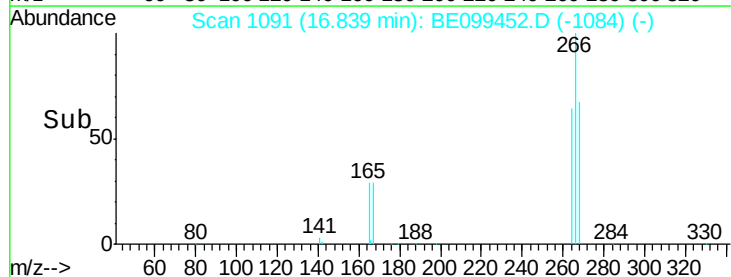
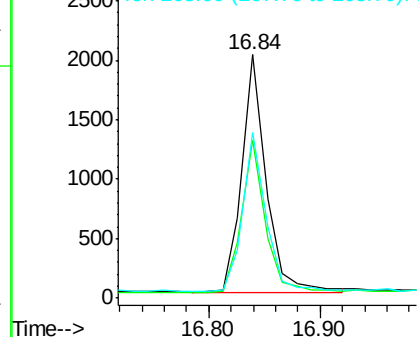


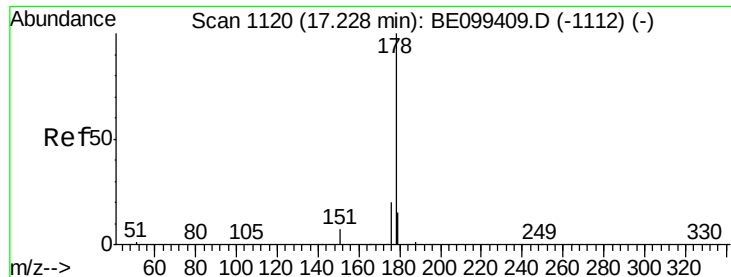
#22
Pentachlorophenol
Concen: 0.554 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Tgt Ion:266 Resp: 2994
Ion Ratio Lower Upper
266 100
264 64.8 50.8 76.2
268 68.0 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: 0.404 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099452.D

Acq: 1 May 2019 7:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

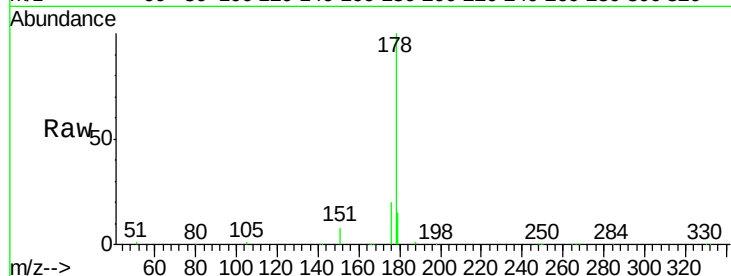
Tot Ion:178 Resp: 27612

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

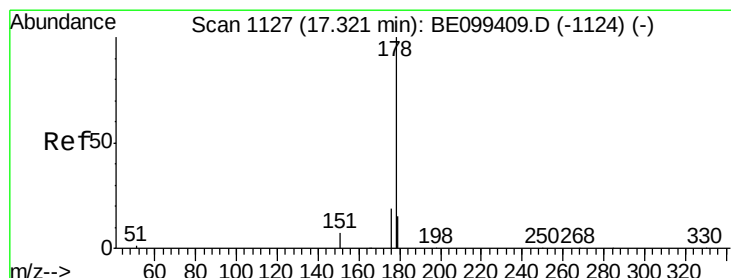
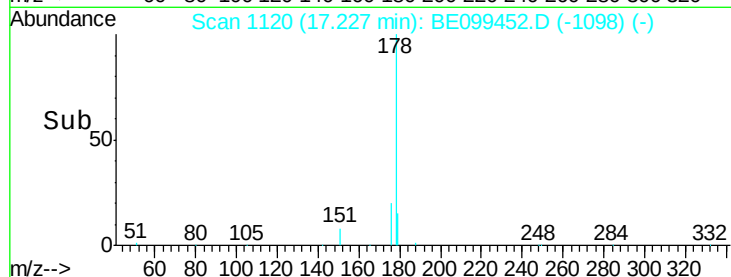
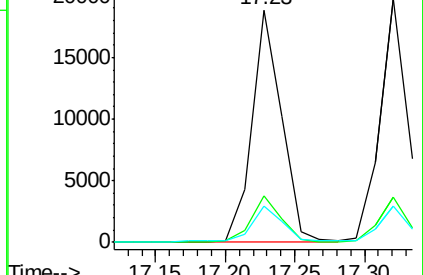
179 15.8 12.0 18.0



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



#24

Anthracene

Concen: 0.416 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE099452.D

Acq: 1 May 2019 7:14

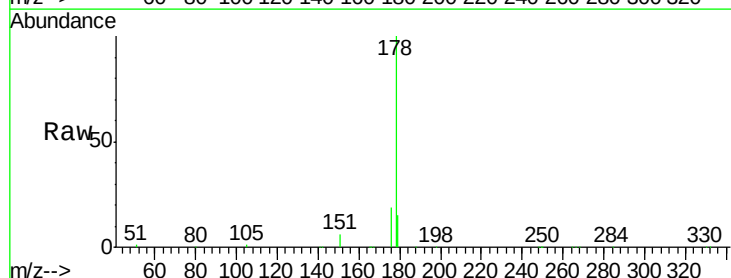
Tgt Ion:178 Resp: 27135

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

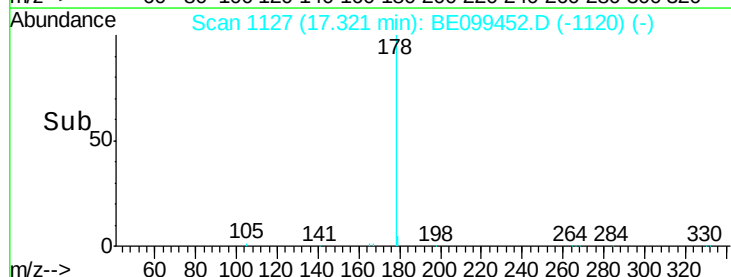
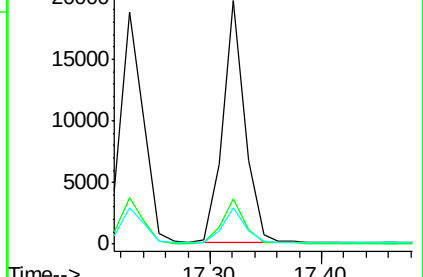
179 15.0 11.9 17.9

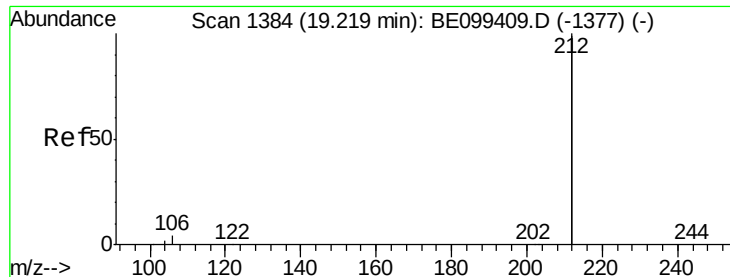


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

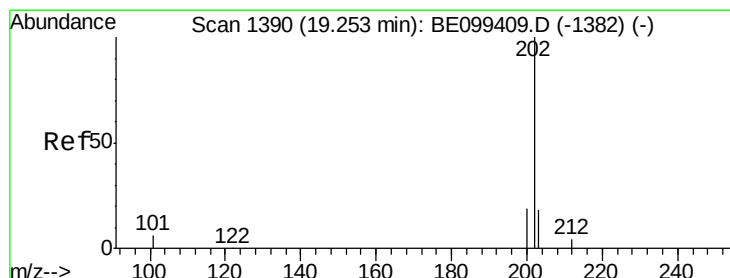
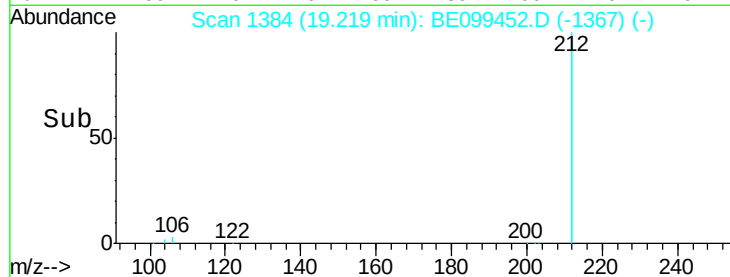
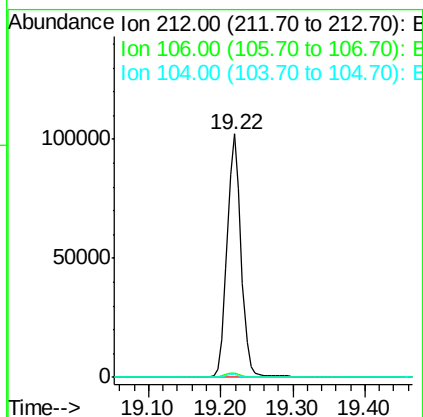
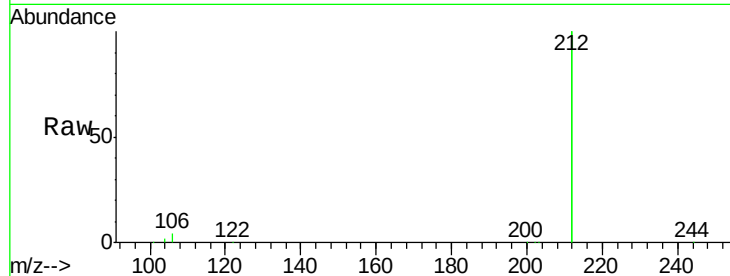




#25
Fluoranthene-d10
Concen: 0.381 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

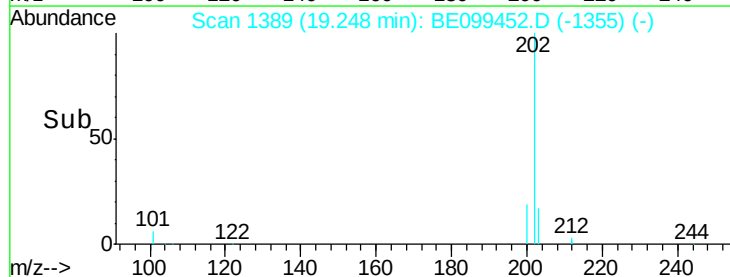
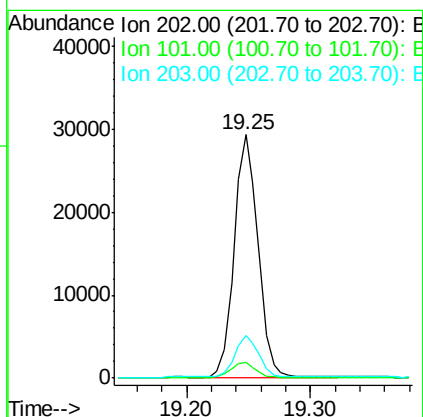
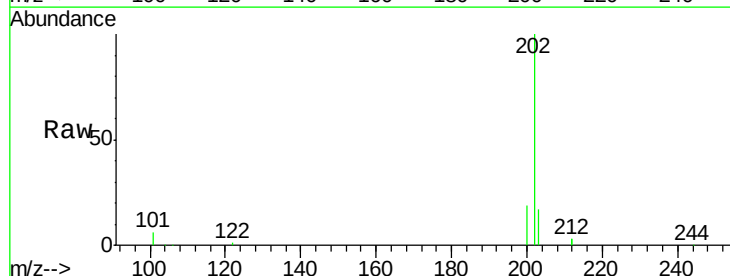
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

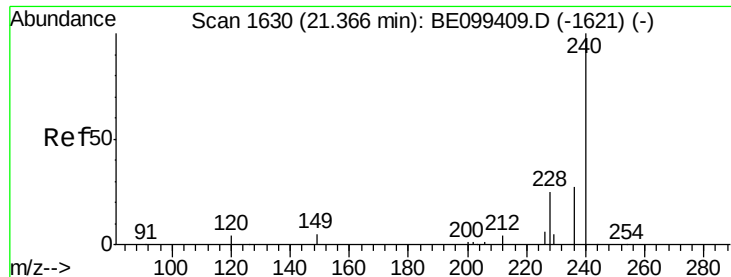
Tot Ion:212 Resp: 136038
Ion Ratio Lower Upper
212 100
106 1.8 1.5 2.3
104 1.1 0.9 1.3



#26
Fluoranthene
Concen: 0.381 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Tgt Ion:202 Resp: 39051
Ion Ratio Lower Upper
202 100
101 6.5 5.4 8.0
203 17.2 13.9 20.9

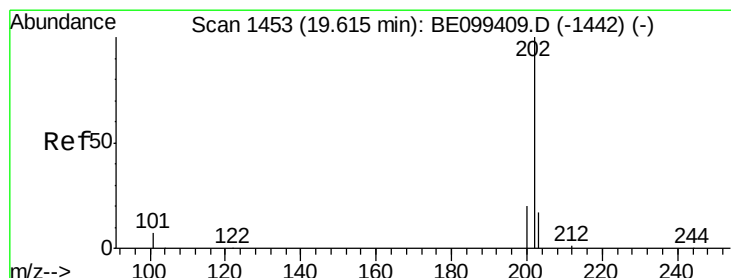
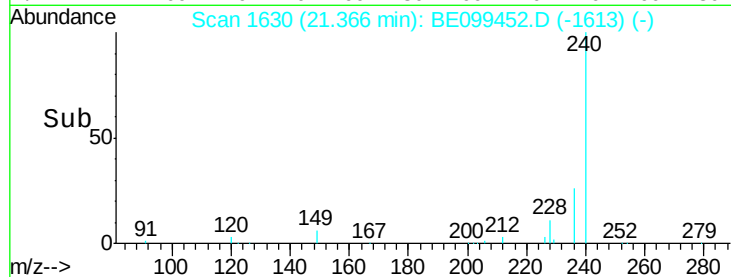
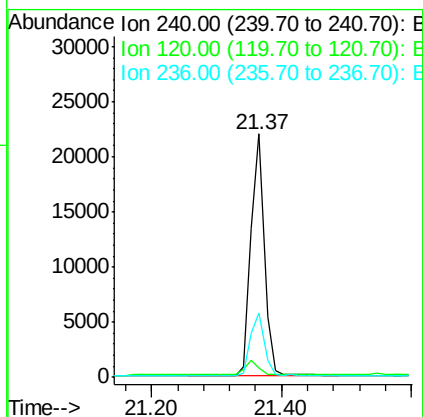
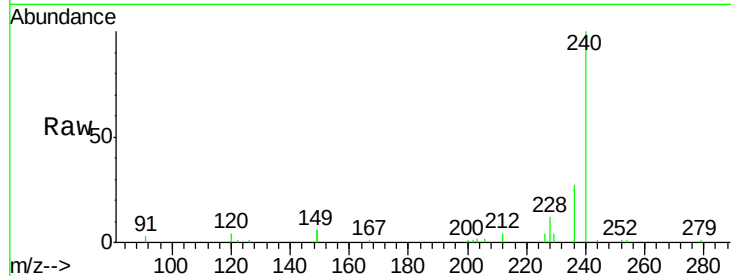




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BE099452.D
 Acq: 1 May 2019 7:14

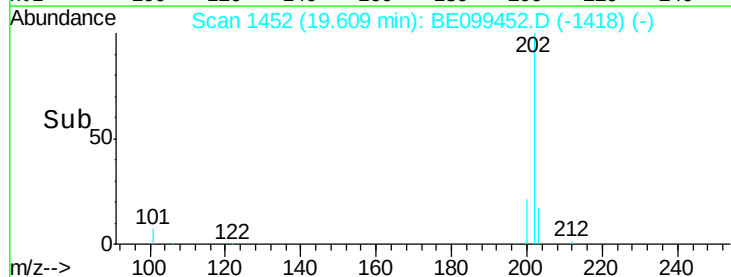
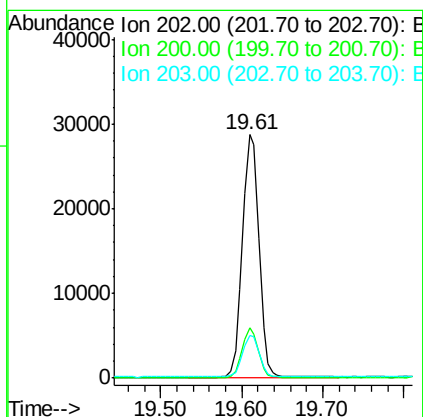
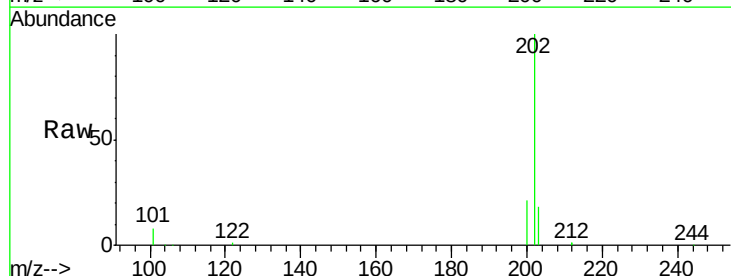
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

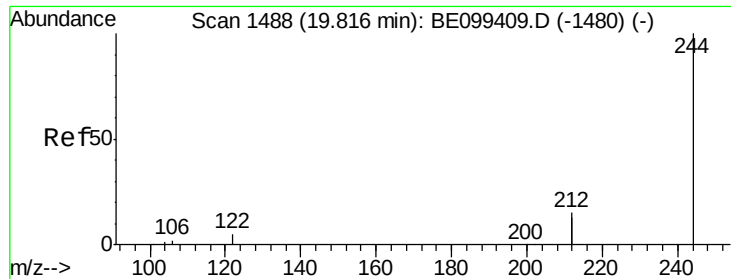
Tot Ion:240 Resp: 31298
 Ion Ratio Lower Upper
 240 100
 120 3.6 4.0 6.0#
 236 26.5 22.0 33.0



#28
 Pyrene
 Concen: 0.498 ng
 RT: 19.61 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BE099452.D
 Acq: 1 May 2019 7:14

Tgt Ion:202 Resp: 40628
 Ion Ratio Lower Upper
 202 100
 200 19.8 15.7 23.5
 203 17.5 13.9 20.9





#29

Terphenyl-d14

Concen: 0.480 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099452.D

Acq: 1 May 2019 7:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

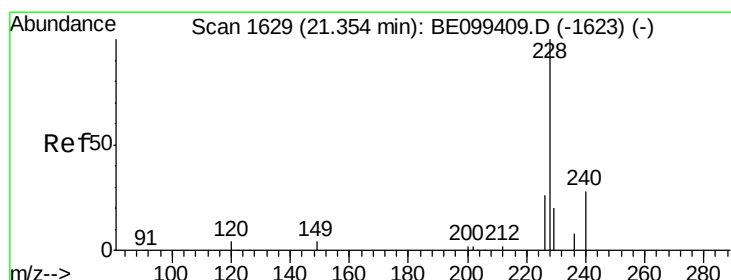
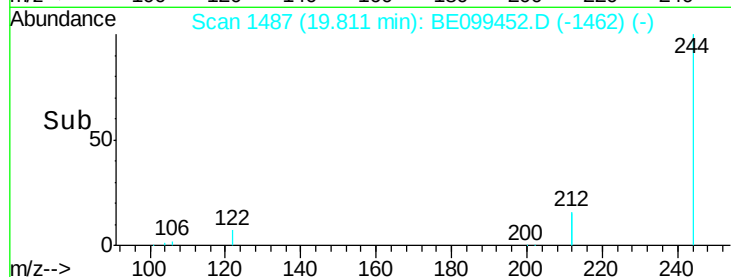
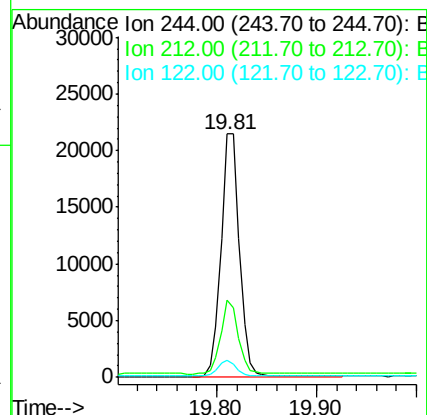
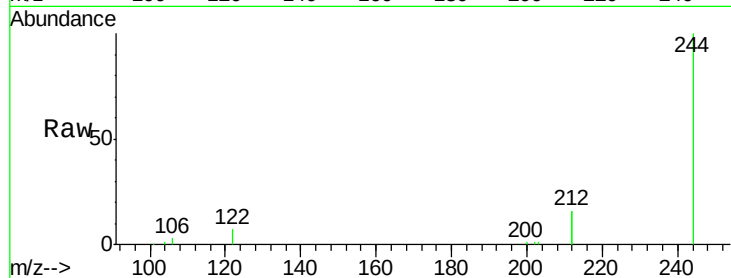
Tot Ion:244 Resp: 27504

Ion Ratio Lower Upper

244 100

212 31.8 23.2 34.8

122 7.1 4.2 6.4#



#30

Benzo(a)anthracene

Concen: 0.462 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BE099452.D

Acq: 1 May 2019 7:14

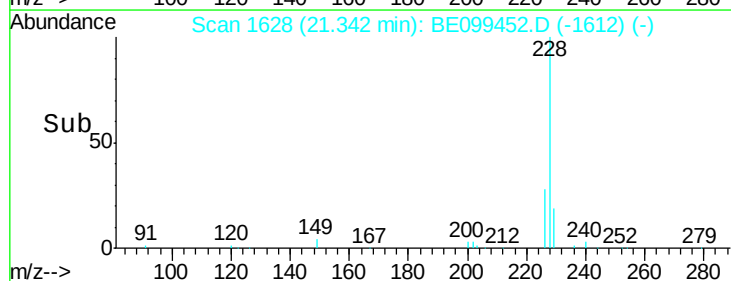
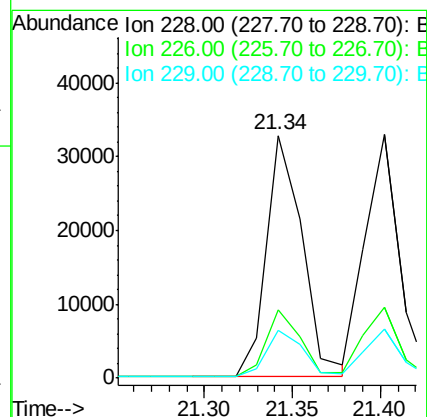
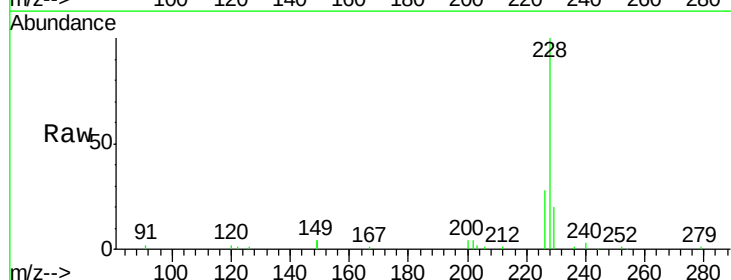
Tgt Ion:228 Resp: 46083

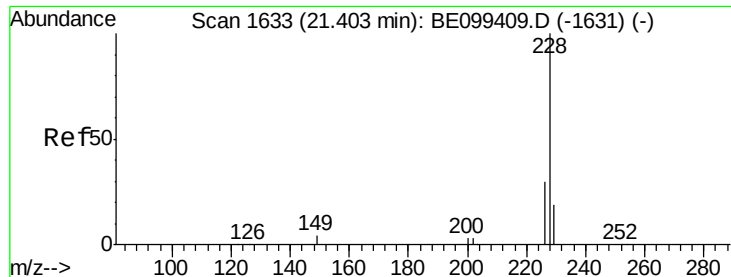
Ion Ratio Lower Upper

228 100

226 28.3 21.0 31.6

229 19.7 16.6 25.0





#31

Chrysene

Concen: 0.443 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099452.D

Acq: 1 May 2019 7:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

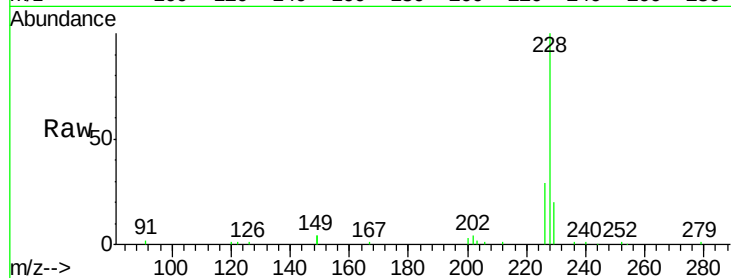
Tot Ion:228 Resp: 43259

Ion Ratio Lower Upper

228 100

226 29.0 24.0 36.0

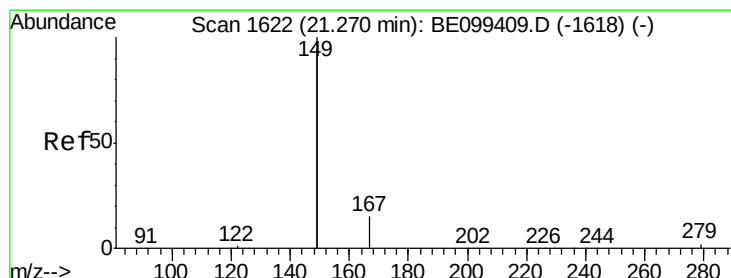
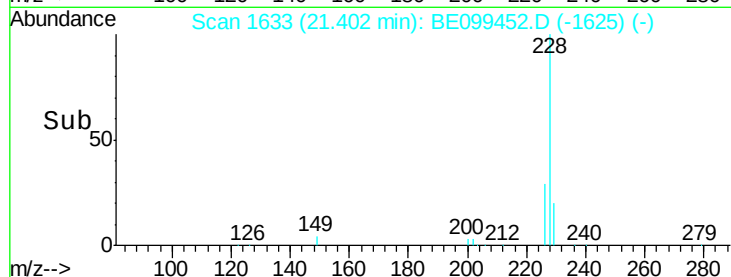
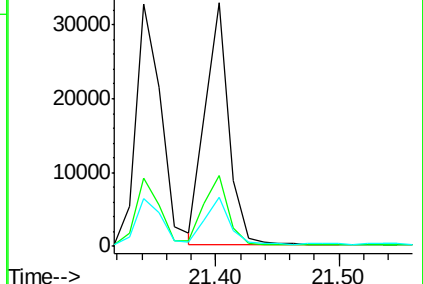
229 20.3 15.8 23.8



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: 0.441 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099452.D

Acq: 1 May 2019 7:14

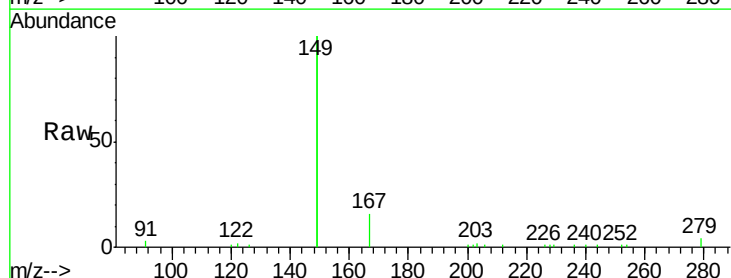
Tgt Ion:149 Resp: 72054

Ion Ratio Lower Upper

149 100

167 7.4 5.8 8.6

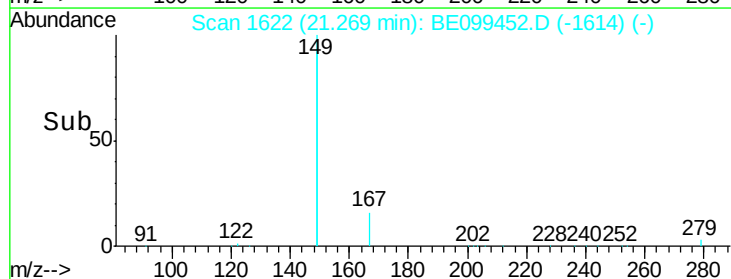
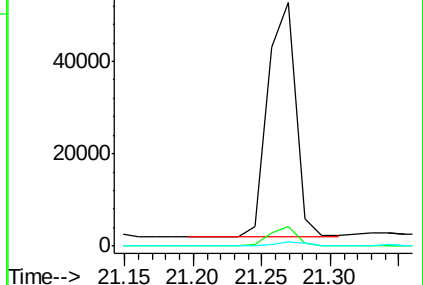
279 1.4 1.0 1.6

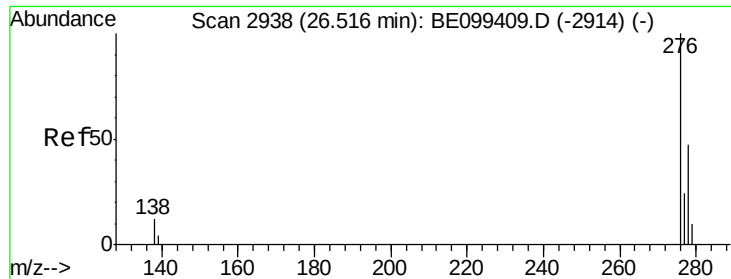


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

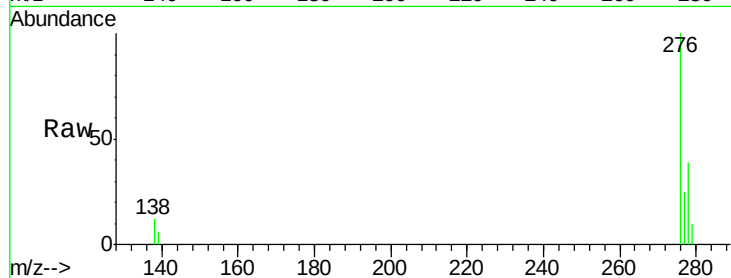




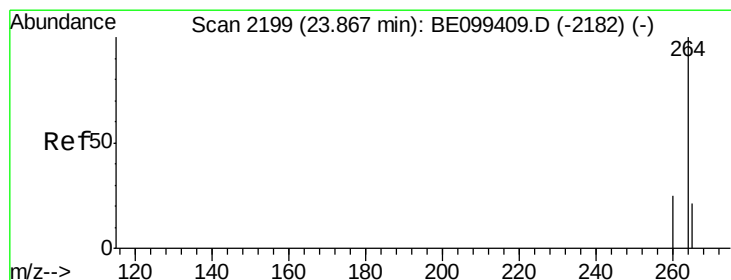
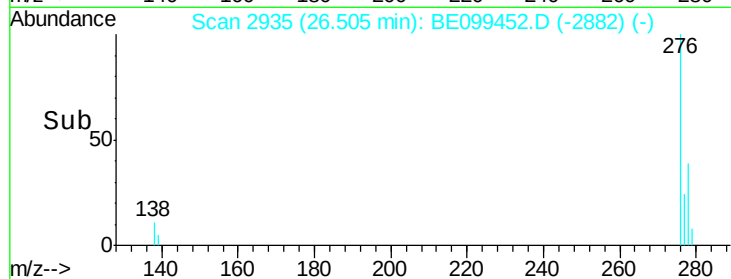
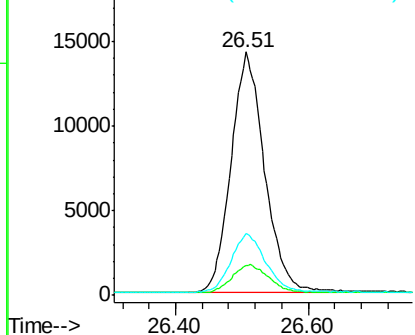
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.435 ng
 RT: 26.51 min Scan# 2935
 Delta R.T. -0.01 min
 Lab File: BE099452.D
 Acq: 1 May 2019 7:14

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:276 Resp: 50196
 Ion Ratio Lower Upper
 276 100
 138 12.8 10.2 15.2
 277 24.8 19.2 28.8

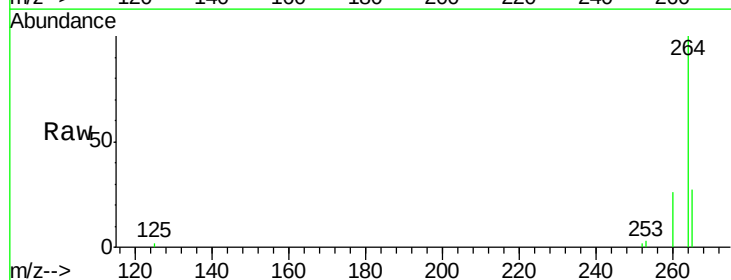


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

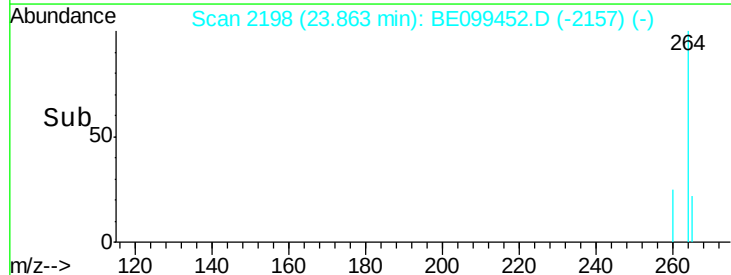
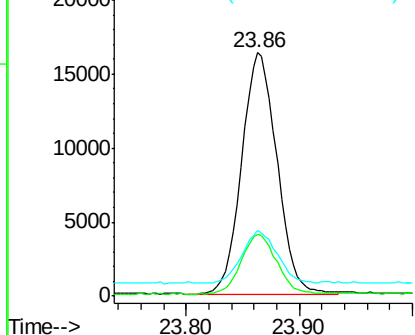


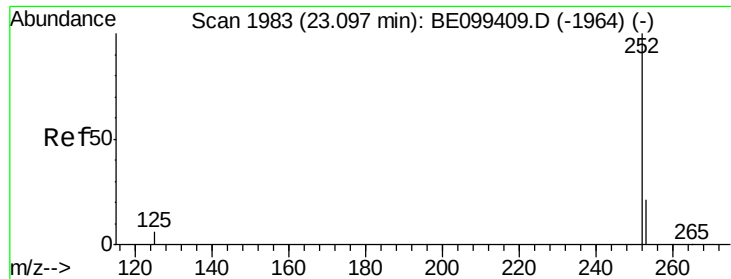
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: BE099452.D
 Acq: 1 May 2019 7:14

Tgt Ion:264 Resp: 35286
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.2 30.2
 265 26.9 21.3 31.9



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: 0.400 ng

RT: 23.14 min Scan# 1996

Delta R.T. 0.05 min

Lab File: BE099452.D

Acq: 1 May 2019 7:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

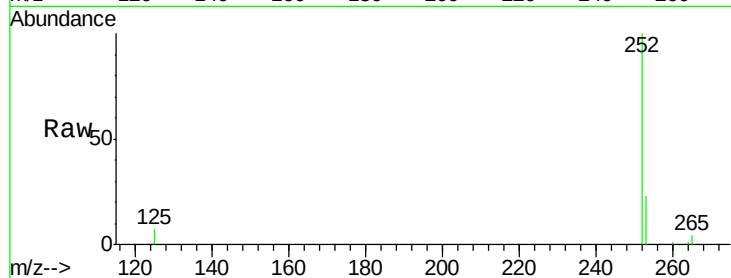
Tot Ion:252 Resp: 40715

Ion Ratio Lower Upper

252 100

253 23.2 18.1 27.1

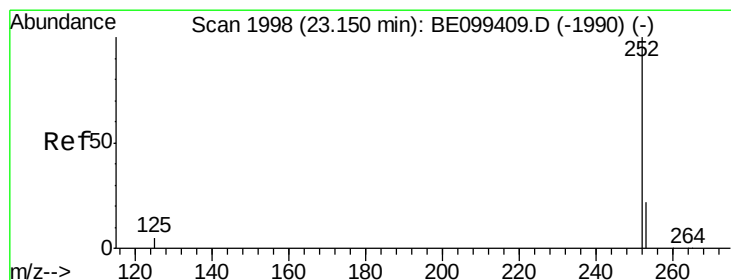
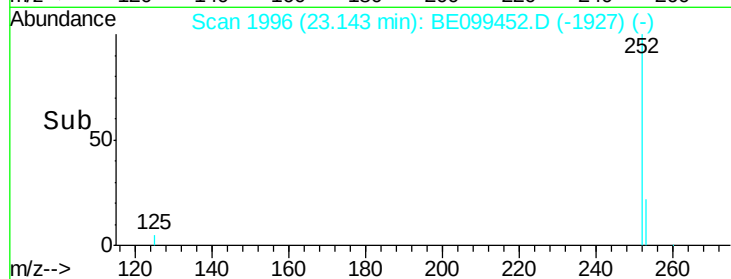
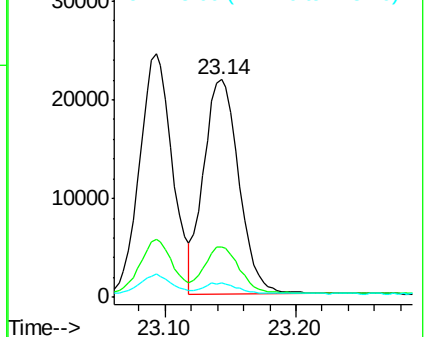
125 6.8 5.6 8.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.415 ng

RT: 23.14 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BE099452.D

Acq: 1 May 2019 7:14

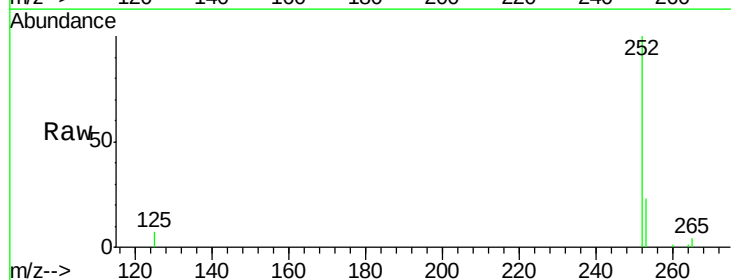
Tgt Ion:252 Resp: 40715

Ion Ratio Lower Upper

252 100

253 23.2 18.4 27.6

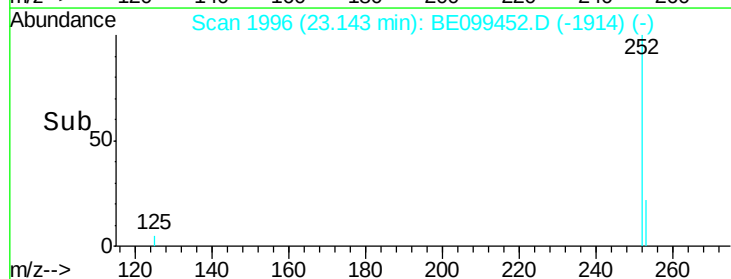
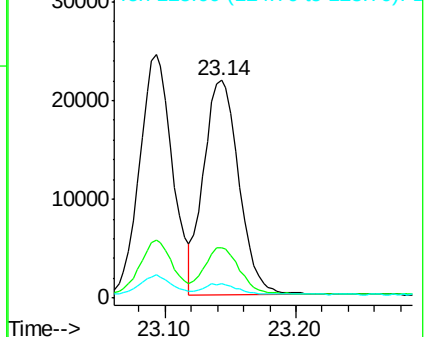
125 6.8 5.0 7.4

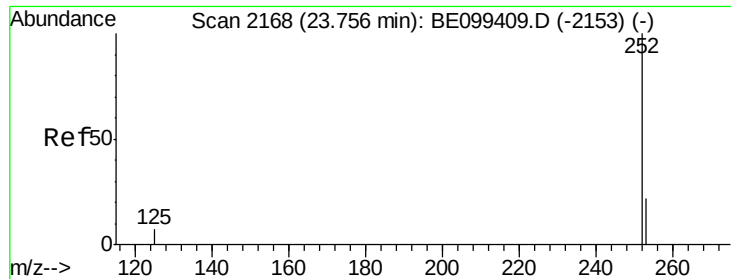


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

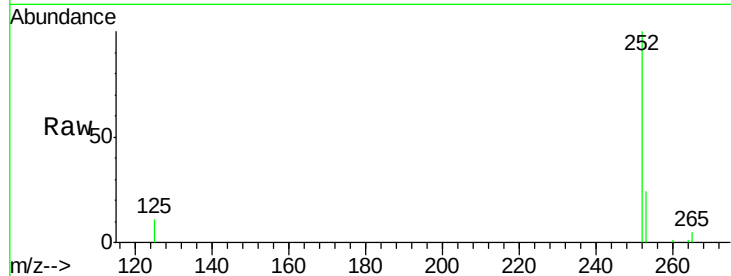




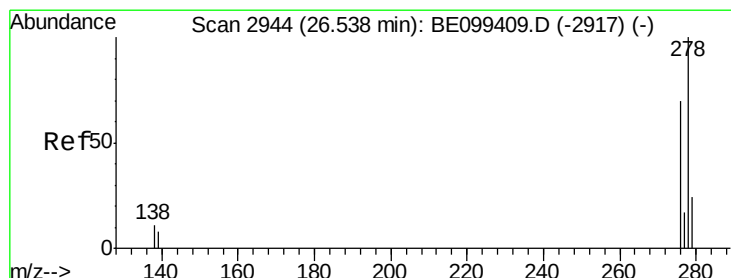
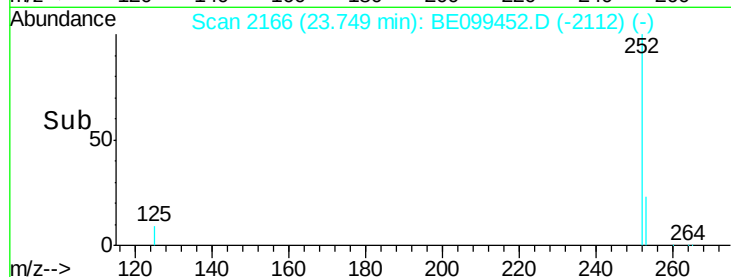
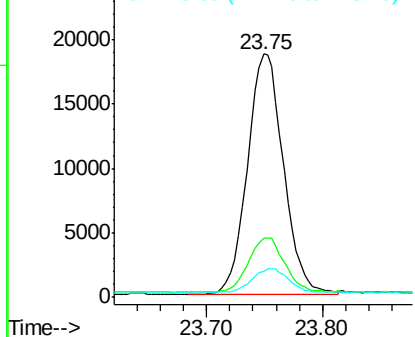
#37
Benzo(a)pyrene
Concen: 0.416 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:252 Resp: 40050
Ion Ratio Lower Upper
252 100
253 24.4 18.9 28.3
125 10.8 6.7 10.1#

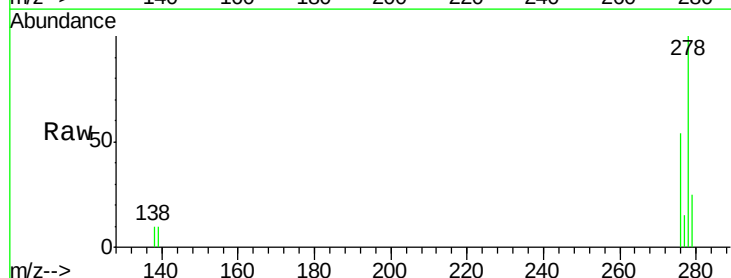


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

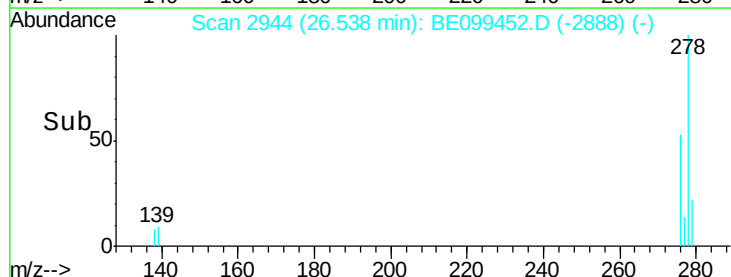
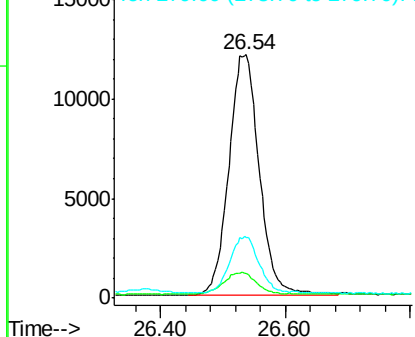


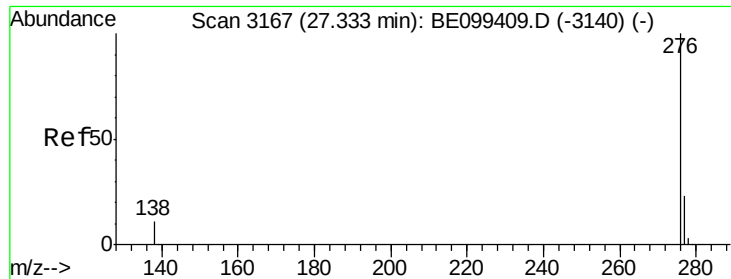
#38
Dibenzo(a,h)anthracene
Concen: 0.420 ng
RT: 26.54 min Scan# 2944
Delta R.T. -0.00 min
Lab File: BE099452.D
Acq: 1 May 2019 7:14

Tgt Ion:278 Resp: 41279
Ion Ratio Lower Upper
278 100
139 10.3 7.7 11.5
279 25.0 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: 0.418 ng

RT: 27.32 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BE099452.D

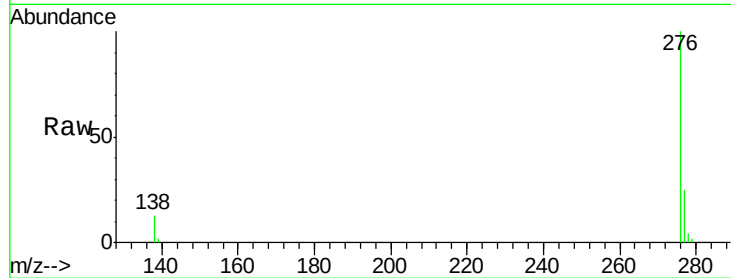
Acq: 1 May 2019 7:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tot Ion: 276 Resp: 41217

Ion Ratio Lower Upper

276 100

277 25.4 19.5 29.3

138 12.9 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

