

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040519\
 Data File : BE099307.D
 Acq On : 5 Apr 2019 14:04
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Apr 05 15:01:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 05 14:55:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3821	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	13839	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	9407	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	27641	0.40	ng	0.00
27) Chrysene-d12	21.35	240	39464	0.40	ng	-0.01
34) Perylene-d12	23.86	264	40968	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	4008	0.39	ng	0.00
5) Phenol-d6	6.97	99	5441	0.39	ng	0.00
8) Nitrobenzene-d5	8.96	82	4356	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	10074	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1694	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	16073	0.43	ng	0.00
25) Fluoranthene-d10	19.22	212	150086	0.41	ng	0.00
29) Terphenyl-d14	19.82	244	31855	0.44	ng	0.00

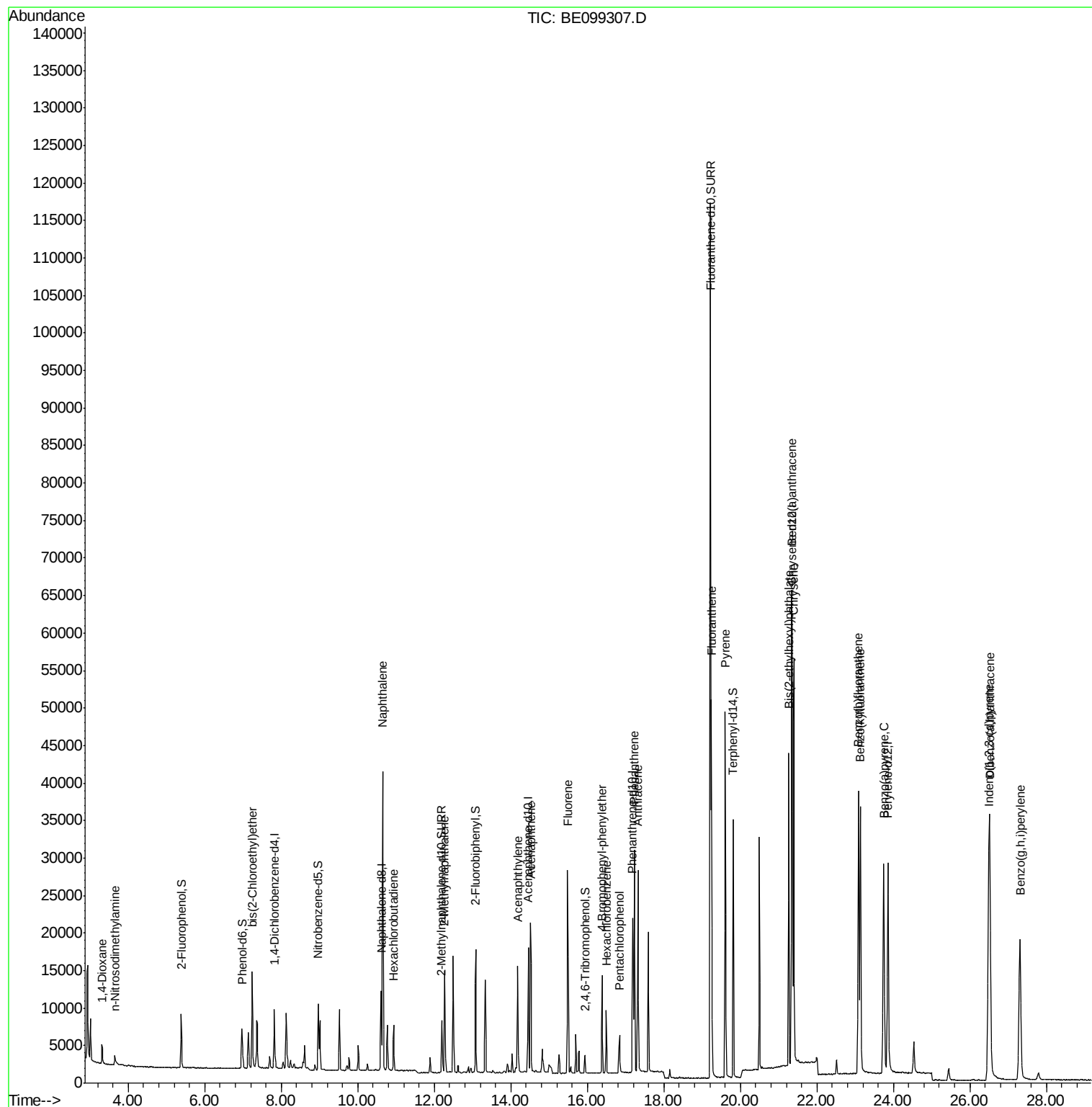
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	2108	0.405	ng	93
3) n-Nitrosodimethylamine	3.65	42	1176	0.383	ng	# 85
6) bis(2-Chloroethyl)ether	7.24	93	4939	0.395	ng	99
9) Naphthalene	10.65	128	64472	0.428	ng	99
10) Hexachlorobutadiene	10.94	225	4296	0.439	ng	100
12) 2-Methylnaphthalene	12.27	142	10976	0.429	ng	94
16) Acenaphthylene	14.18	152	17960	0.403	ng	99
17) Acenaphthene	14.51	154	10725	0.408	ng	98
18) Fluorene	15.49	166	15639	0.412	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	6709	0.428	ng	94
21) Hexachlorobenzene	16.49	284	6468	0.433	ng	99
22) Pentachlorophenol	16.84	266	2932	0.473	ng	96
23) Phenanthrene	17.23	178	30983	0.433	ng	100
24) Anthracene	17.32	178	26841	0.398	ng	99
26) Fluoranthene	19.25	202	44349	0.420	ng	100
28) Pyrene	19.61	202	45054	0.432	ng	100
30) Benzo(a)anthracene	21.34	228	48726	0.392	ng	99
31) Chrysene	21.40	228	52881	0.434	ng	99
32) Bis(2-ethylhexyl)phthalate	21.27	149	46277	0.292	ng	99
33) Indeno(1,2,3-cd)pyrene	26.49	276	58595	0.421	ng	99
35) Benzo(b)fluoranthene	23.09	252	51859	0.424	ng	99
36) Benzo(k)fluoranthene	23.14	252	51778	0.435	ng	99
37) Benzo(a)pyrene	23.74	252	46695	0.406	ng	100
38) Dibenzo(a,h)anthracene	26.52	278	48730	0.426	ng	100
39) Benzo(g,h,i)perylene	27.31	276	47679	0.419	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

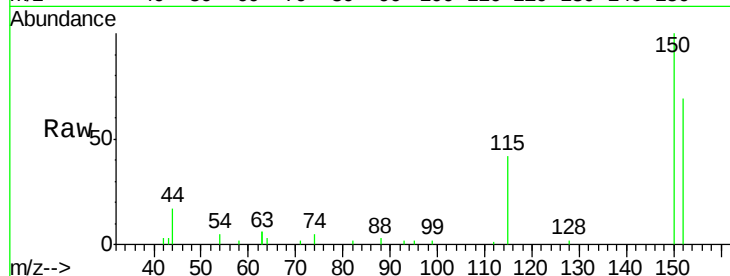
Tgt Ion:152 Resp: 3821

Ion Ratio Lower Upper

152 100

150 144.9 120.2 180.2

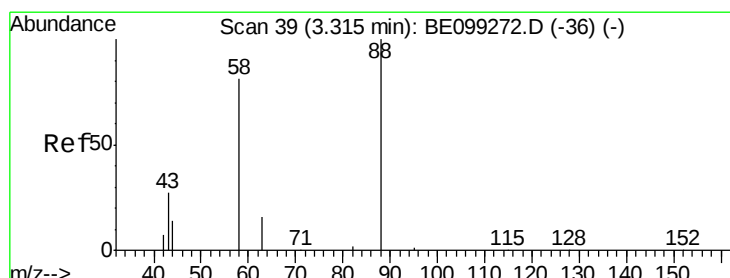
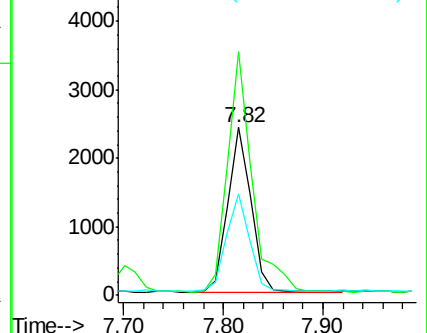
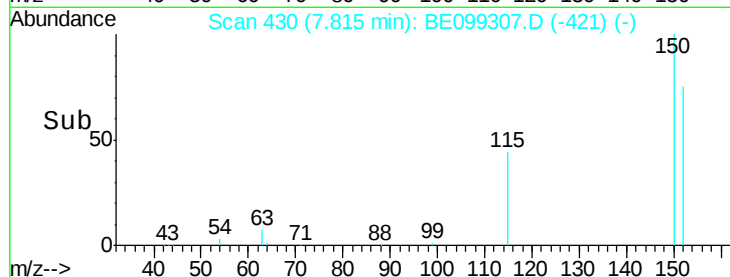
115 60.5 50.2 75.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.405 ng

RT: 3.32 min Scan# 40

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

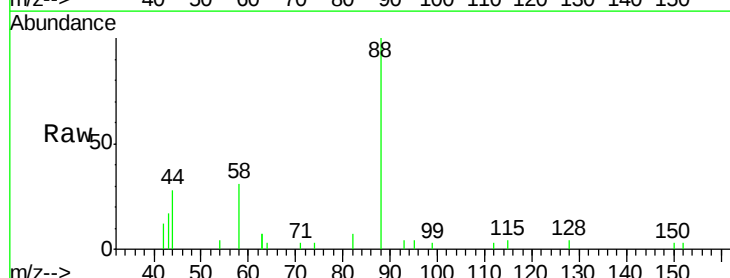
Tgt Ion: 88 Resp: 2108

Ion Ratio Lower Upper

88 100

58 61.6 43.8 65.8

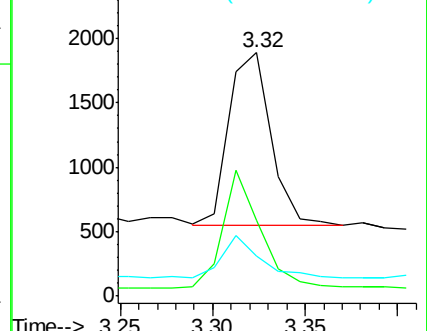
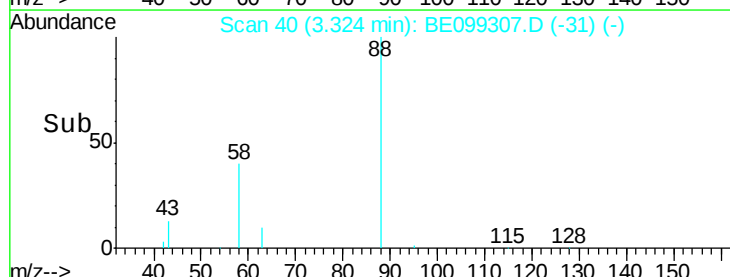
43 23.6 18.6 28.0

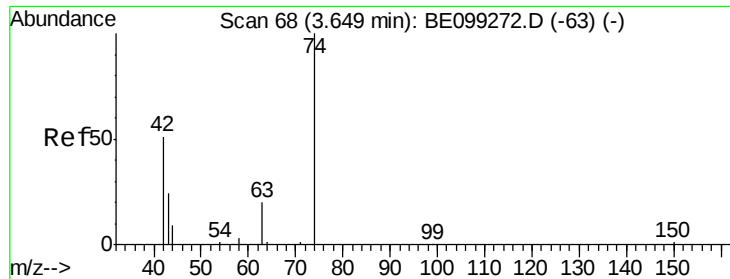


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.383 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

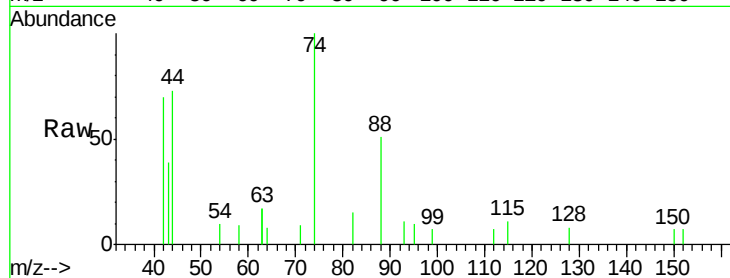
Tgt Ion: 42 Resp: 1176

Ion Ratio Lower Upper

42 100

74 157.9 142.6 214.0

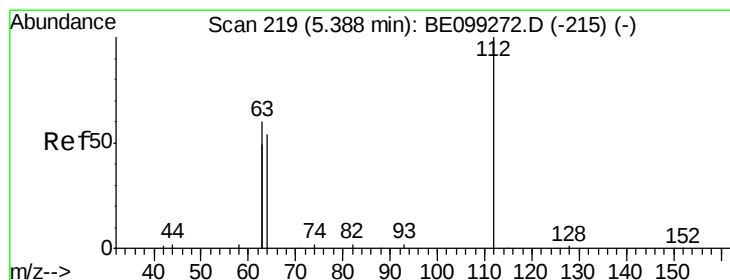
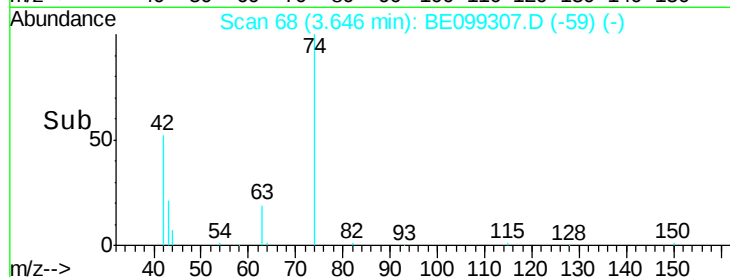
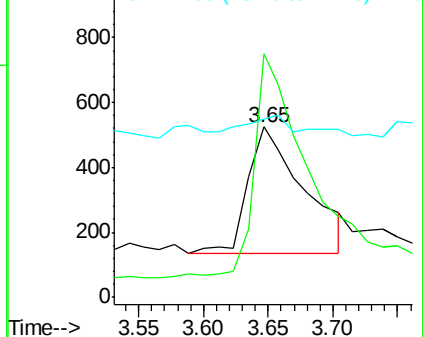
44 11.1 4.1 6.1#



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: 0.395 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

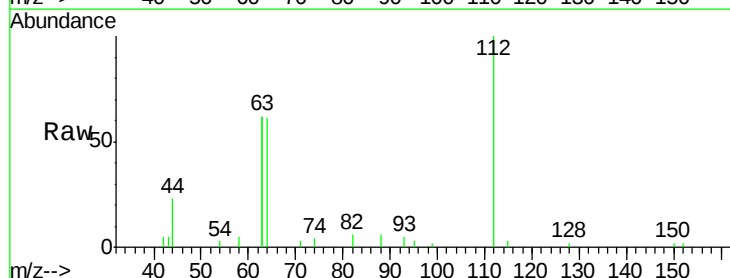
Tgt Ion: 112 Resp: 4008

Ion Ratio Lower Upper

112 100

64 55.9 44.8 67.2

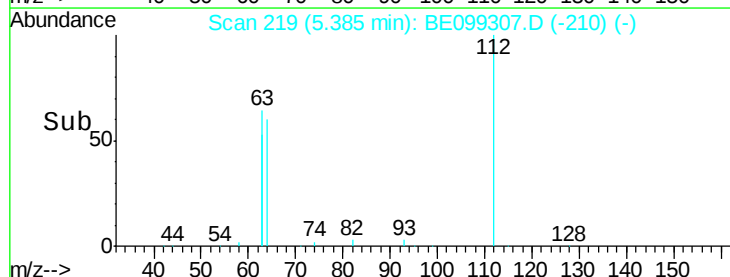
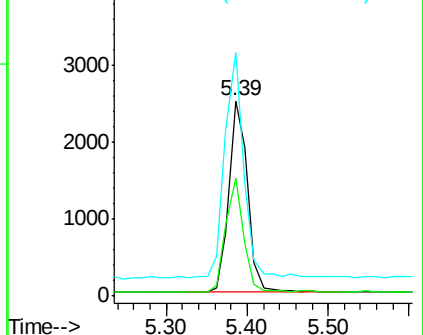
63 120.3 94.8 142.2

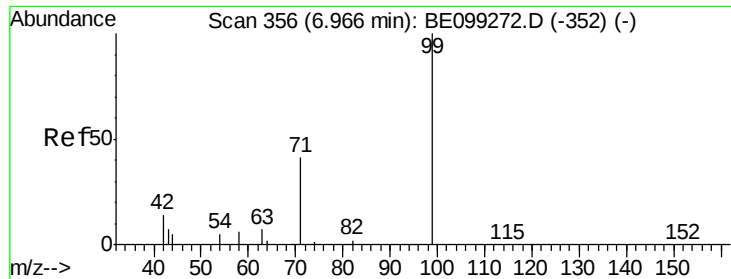


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.390 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

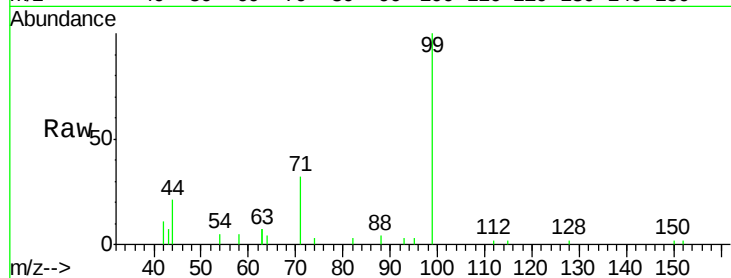
Tgt Ion: 99 Resp: 5441

Ion Ratio Lower Upper

99 100

42 16.4 12.4 18.6

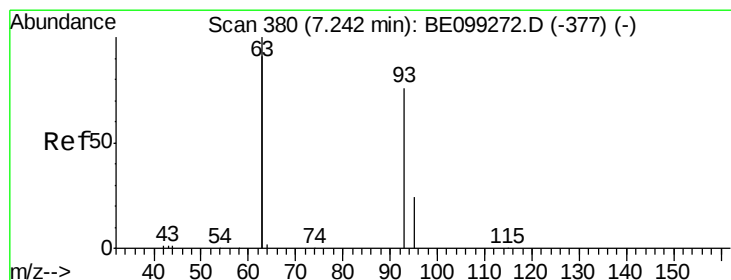
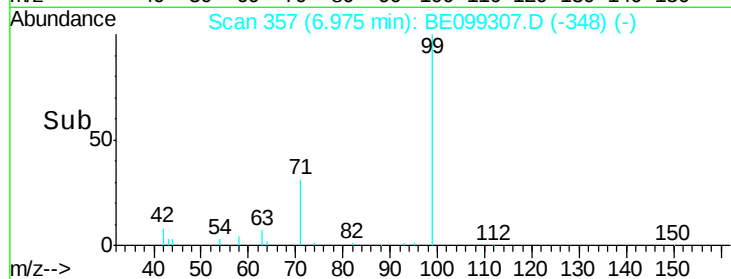
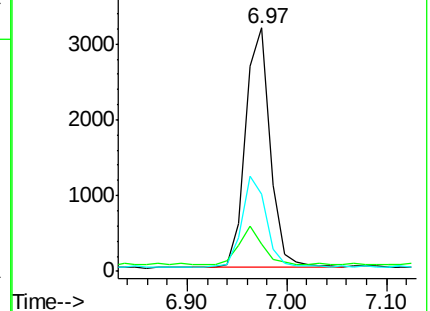
71 38.7 30.0 45.0



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: 0.395 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

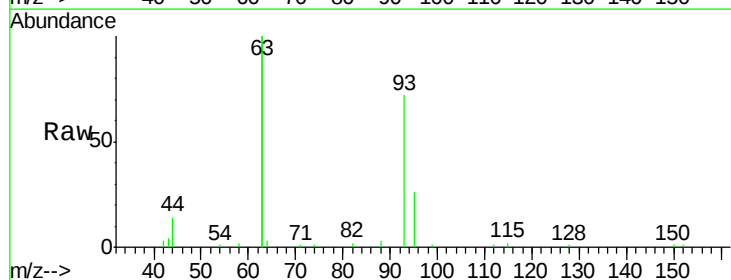
Tgt Ion: 93 Resp: 4939

Ion Ratio Lower Upper

93 100

63 277.5 222.6 334.0

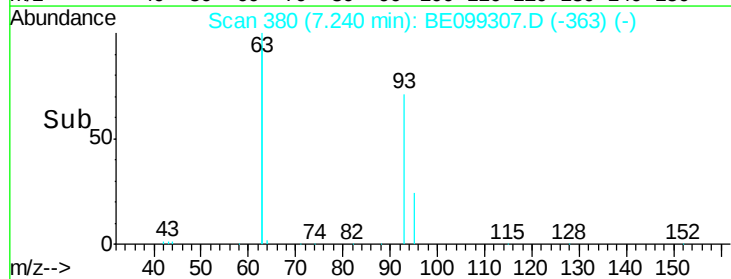
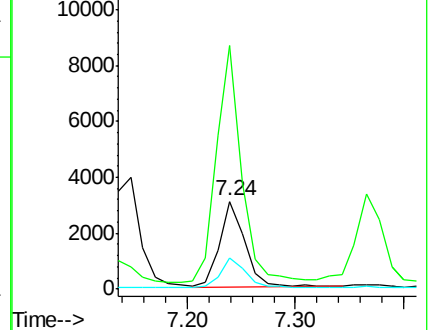
95 33.7 26.0 39.0

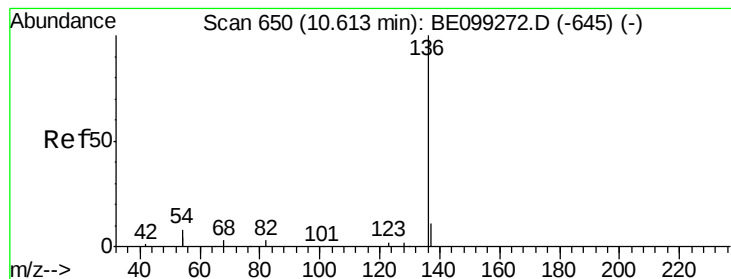


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 13839

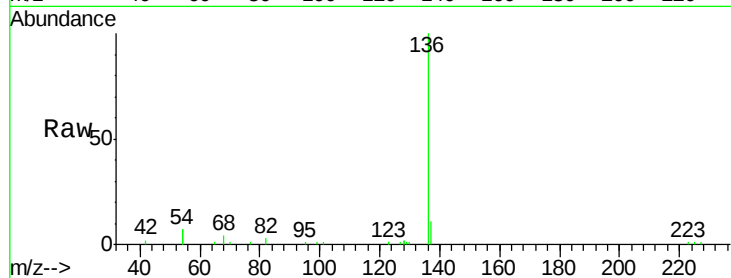
Ion Ratio Lower Upper

136 100

137 11.3 8.3 12.5

54 14.4 10.8 16.2

68 4.4 3.2 4.8

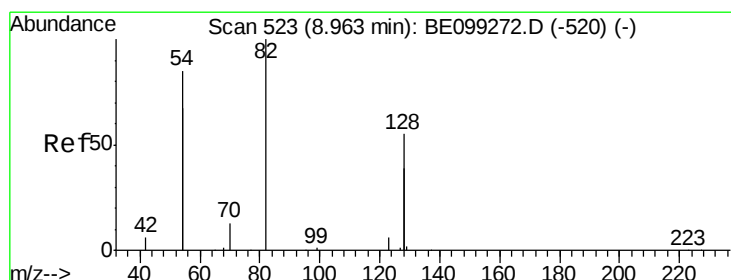
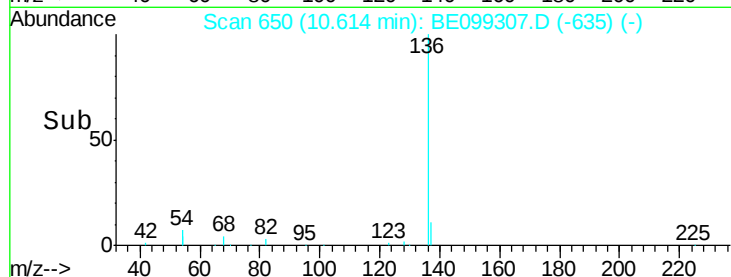
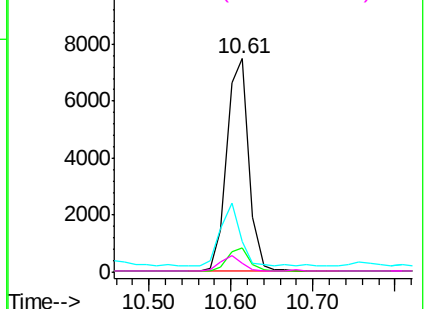


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.458 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

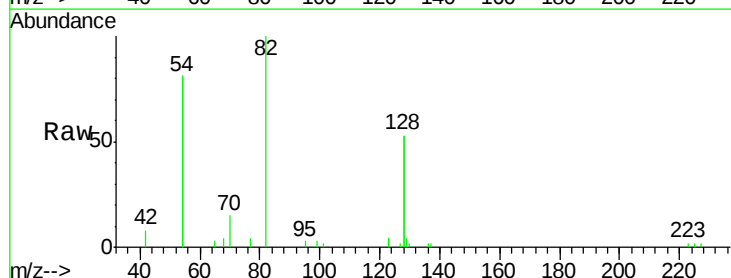
Tgt Ion: 82 Resp: 4356

Ion Ratio Lower Upper

82 100

128 105.7 90.1 135.1

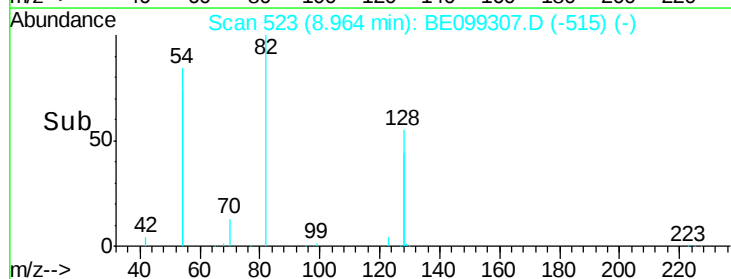
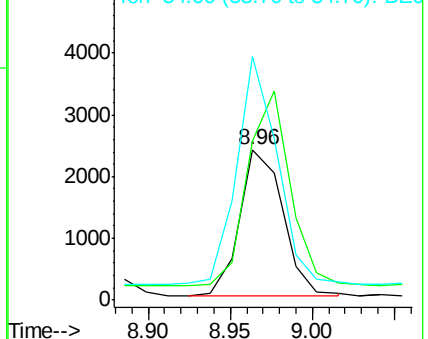
54 161.7 123.6 185.4

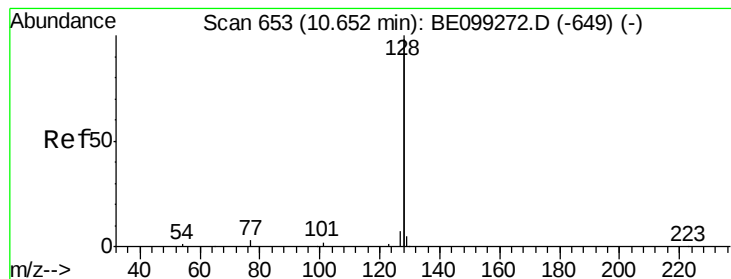


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.428 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

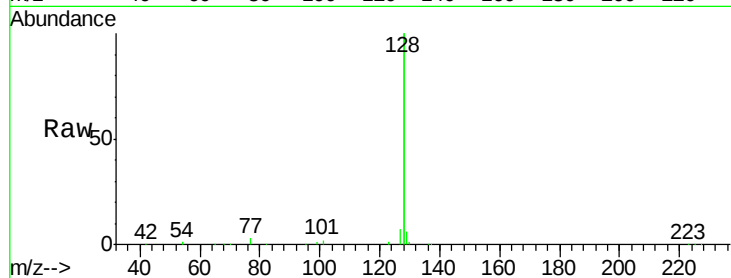
Tgt Ion:128 Resp: 64472

Ion Ratio Lower Upper

128 100

129 2.8 2.3 3.5

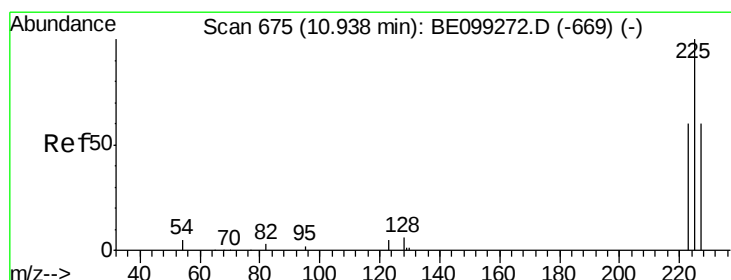
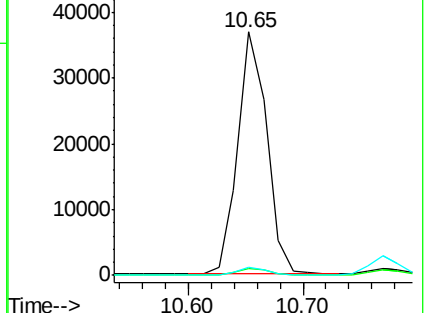
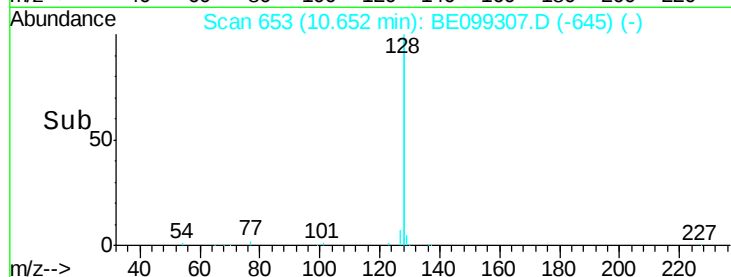
127 3.4 2.9 4.3



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: 0.439 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

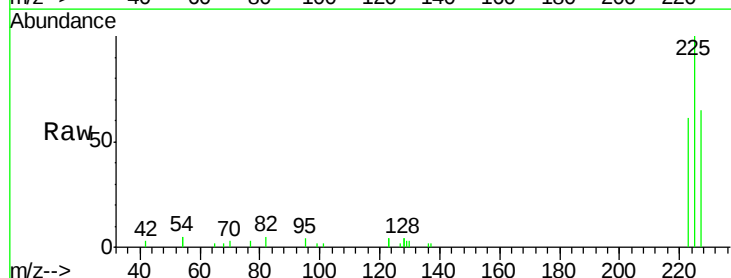
Tgt Ion:225 Resp: 4296

Ion Ratio Lower Upper

225 100

223 62.0 49.7 74.5

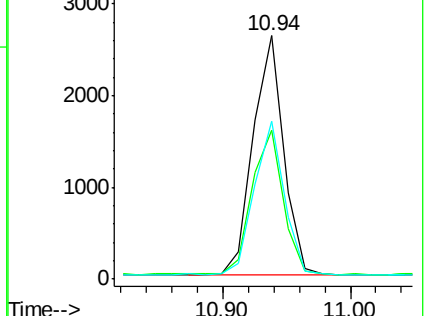
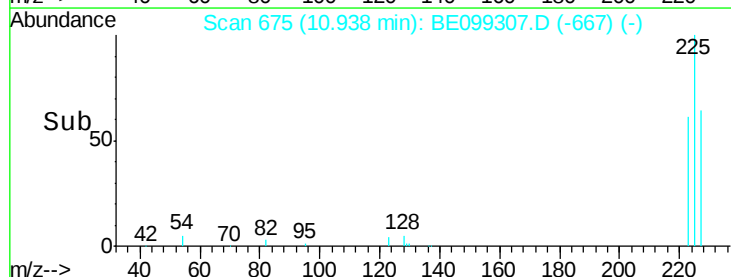
227 63.8 50.9 76.3

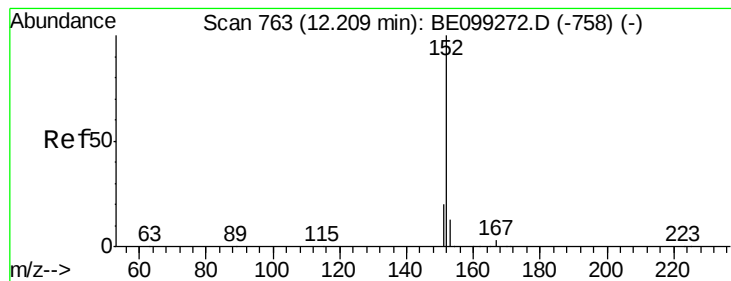


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

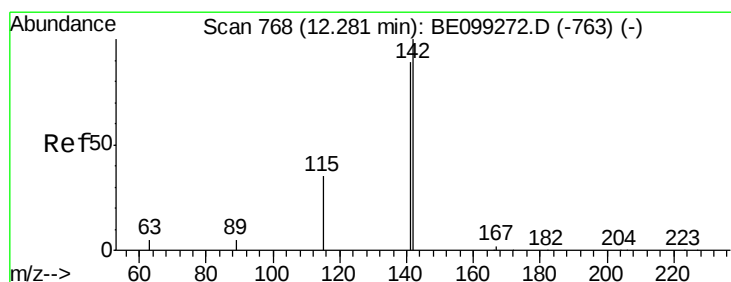
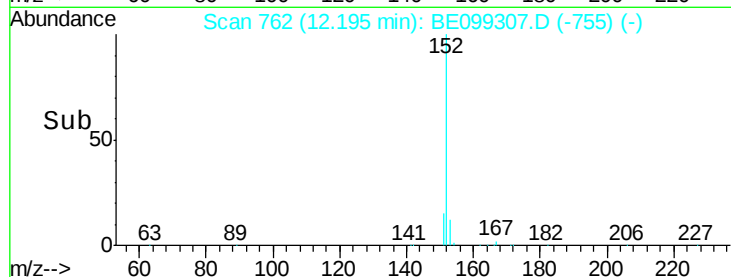
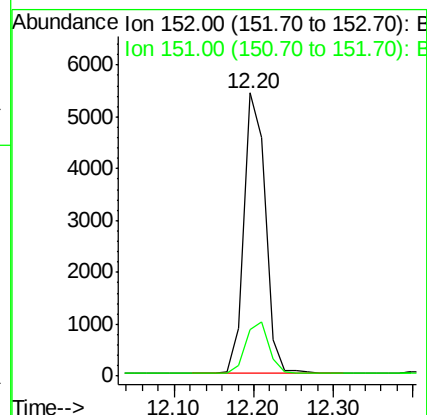
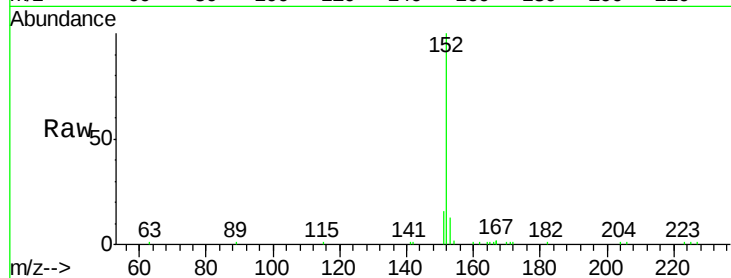




#11
 2-Methylnaphthalene-d10
 Concen: 0.417 ng
 RT: 12.20 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE099307.D
 Acq: 5 Apr 2019 14:04

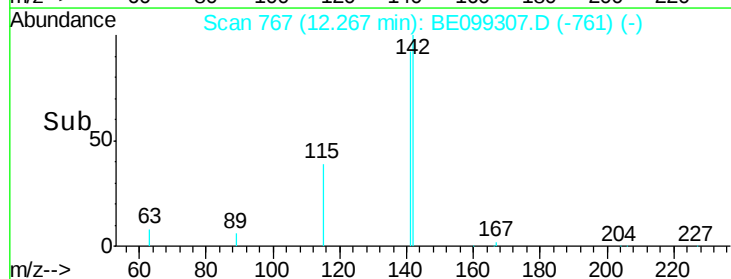
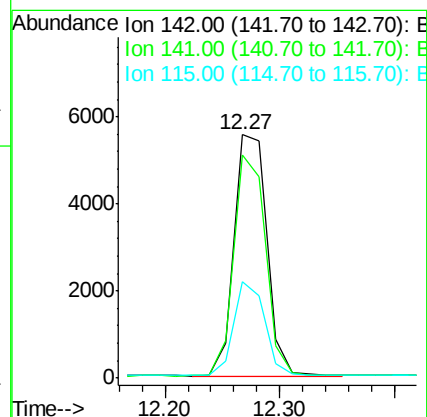
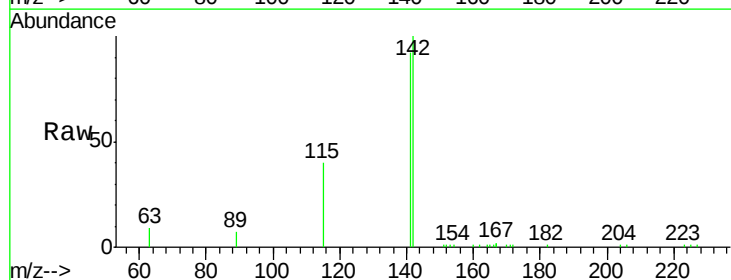
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

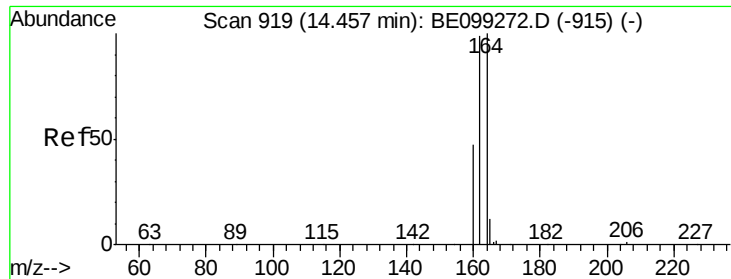
Tgt Ion:152 Resp: 10074
 Ion Ratio Lower Upper
 152 100
 151 20.3 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.429 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BE099307.D
 Acq: 5 Apr 2019 14:04

Tgt Ion:142 Resp: 10976
 Ion Ratio Lower Upper
 142 100
 141 91.7 69.3 103.9
 115 39.7 29.1 43.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

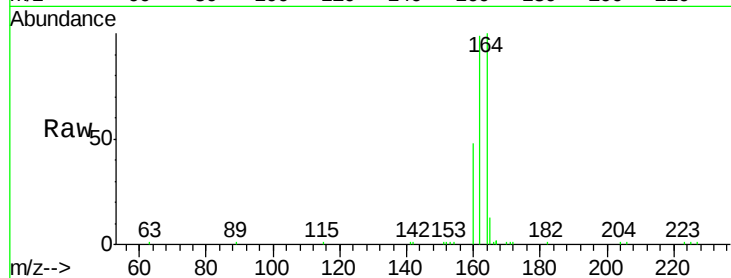
Tgt Ion:164 Resp: 9407

Ion Ratio Lower Upper

164 100

162 98.9 78.7 118.1

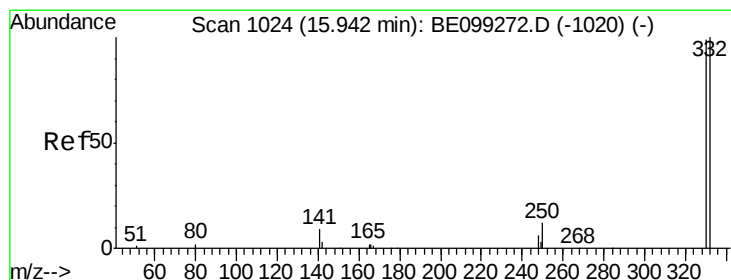
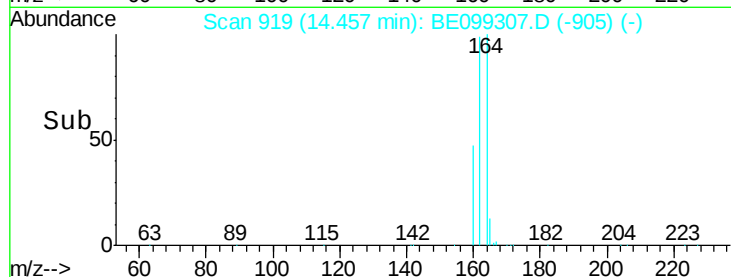
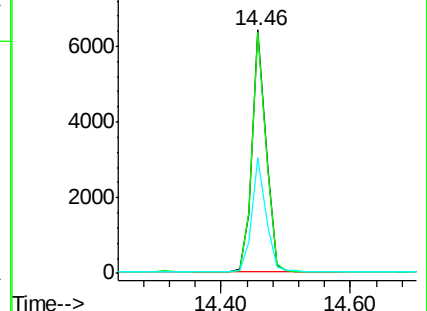
160 47.5 37.8 56.8



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: 0.391 ng

RT: 15.94 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

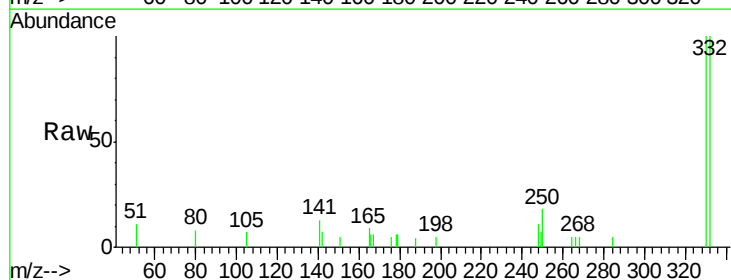
Tgt Ion:330 Resp: 1694

Ion Ratio Lower Upper

330 100

332 98.6 82.0 123.0

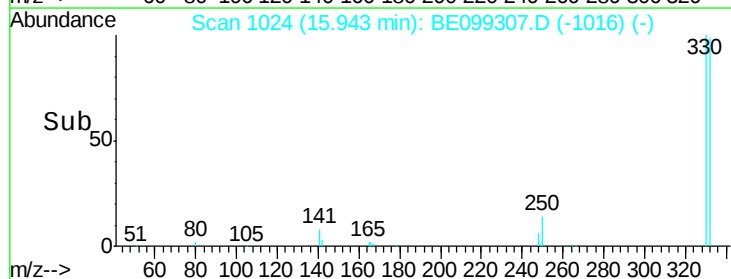
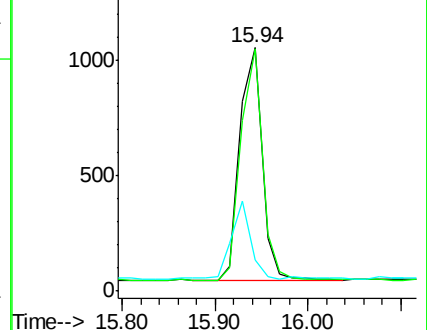
141 27.9 25.4 38.2

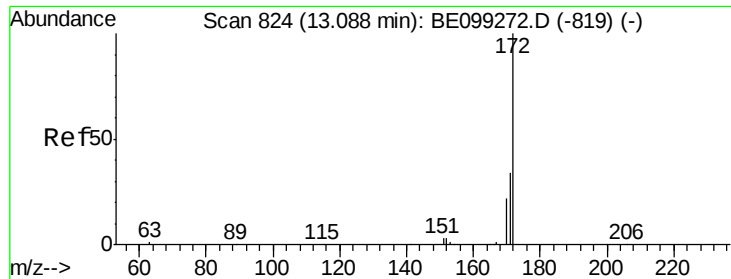


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

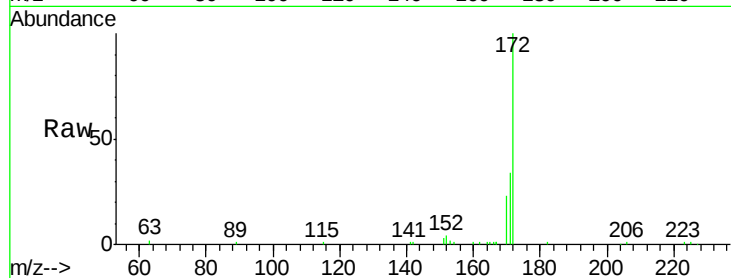




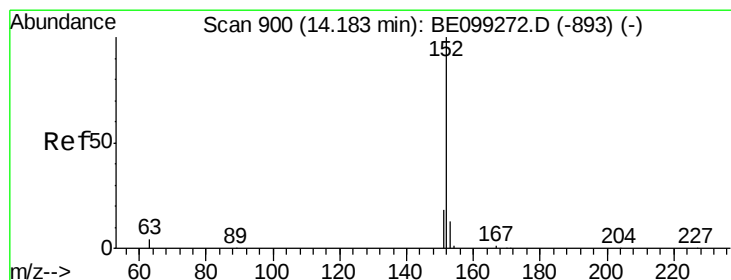
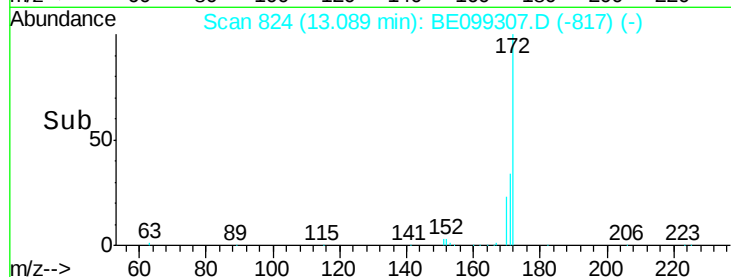
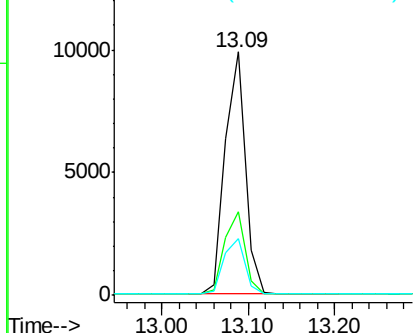
#15
2-Fluorobiphenyl
Concen: 0.435 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099307.D
Acq: 5 Apr 2019 14:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 16073
Ion Ratio Lower Upper
172 100
171 34.3 27.0 40.4
170 23.4 17.8 26.6

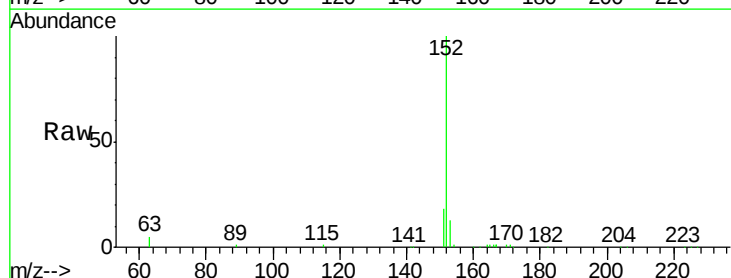


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

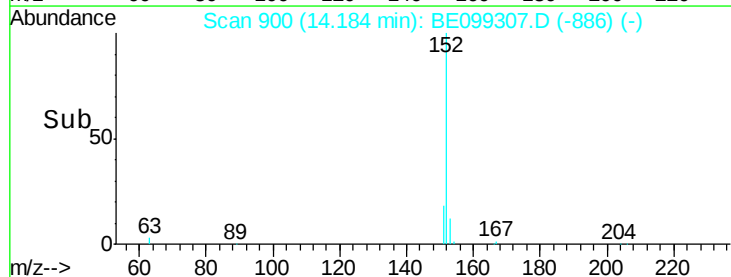
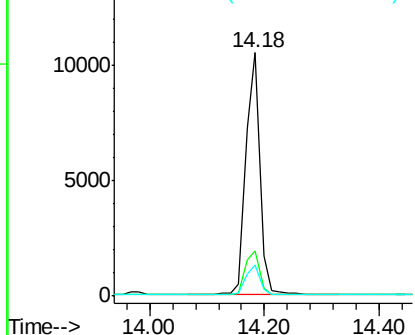


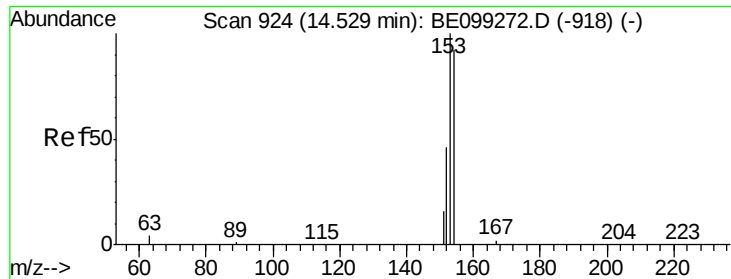
#16
Acenaphthylene
Concen: 0.403 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099307.D
Acq: 5 Apr 2019 14:04

Tgt Ion:152 Resp: 17960
Ion Ratio Lower Upper
152 100
151 19.1 15.3 22.9
153 13.0 10.8 16.2



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

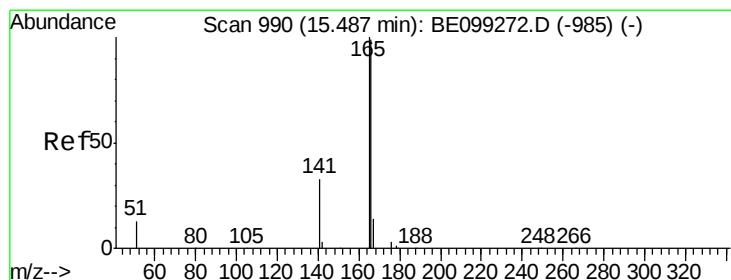
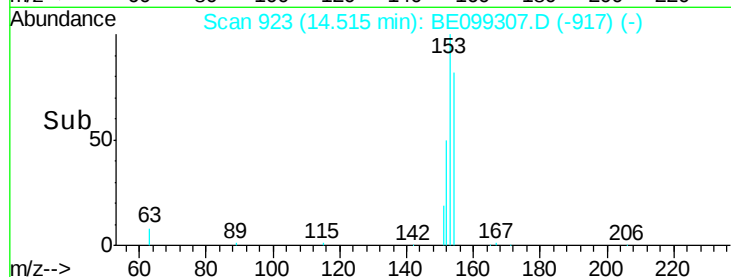
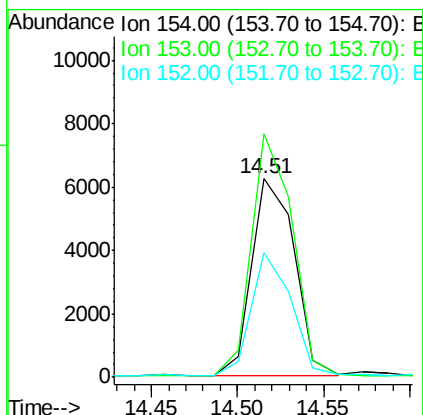
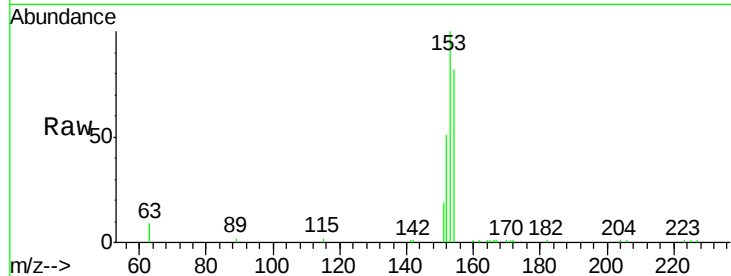




#17
Acenaphthene
Concen: 0.408 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE099307.D
Acq: 5 Apr 2019 14:04

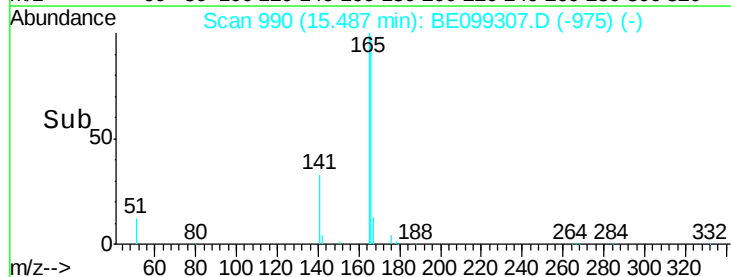
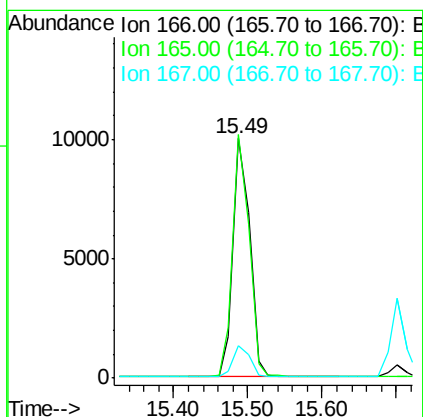
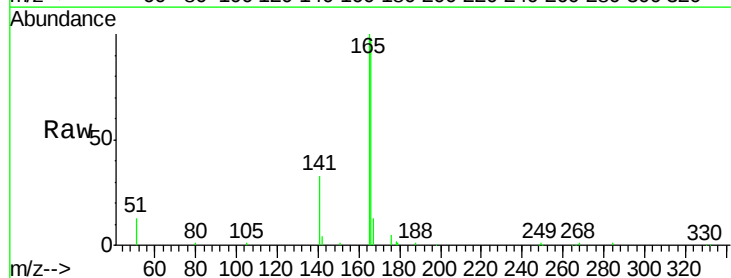
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

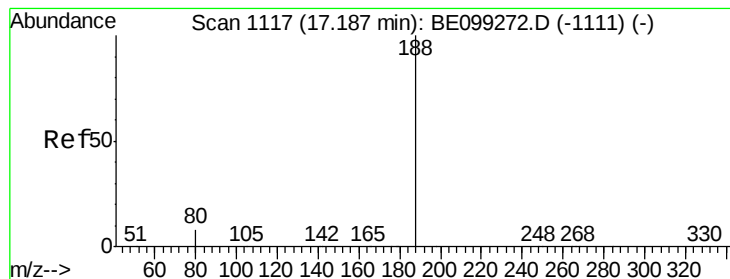
Tgt Ion:154 Resp: 10725
Ion Ratio Lower Upper
154 100
153 118.2 93.3 139.9
152 58.2 45.6 68.4



#18
Fluorene
Concen: 0.412 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099307.D
Acq: 5 Apr 2019 14:04

Tgt Ion:166 Resp: 15639
Ion Ratio Lower Upper
166 100
165 99.9 80.6 120.8
167 13.5 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

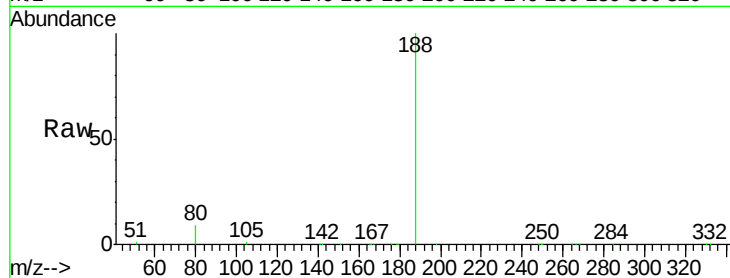
Tgt Ion:188 Resp: 27641

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

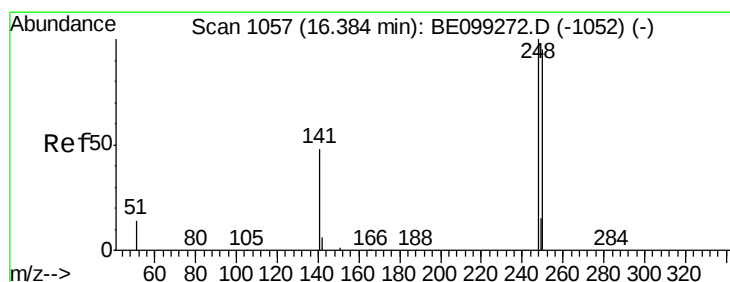
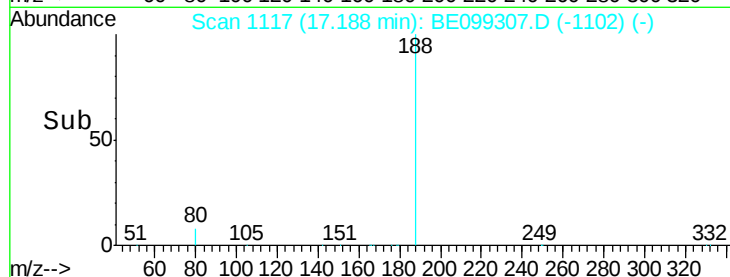
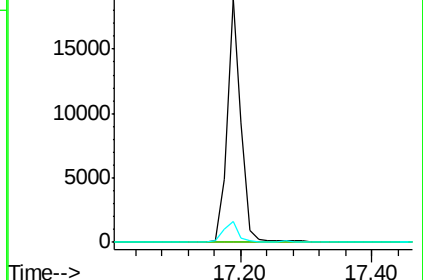
80 8.7 7.5 11.3



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: 0.428 ng

RT: 16.38 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

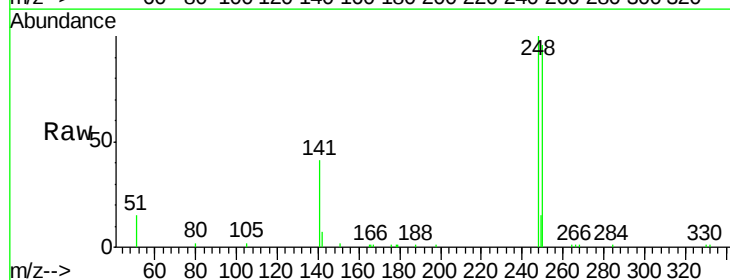
Tgt Ion:248 Resp: 6709

Ion Ratio Lower Upper

248 100

250 96.5 74.3 111.5

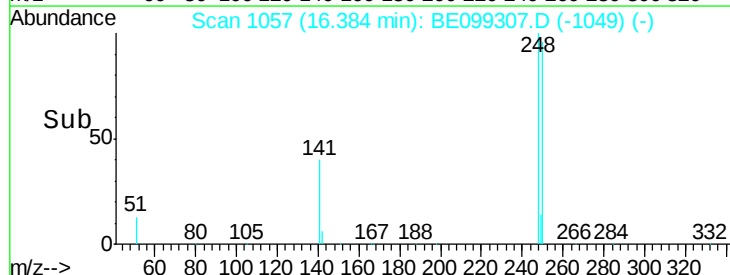
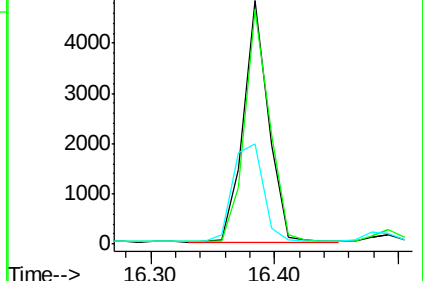
141 41.1 39.1 58.7

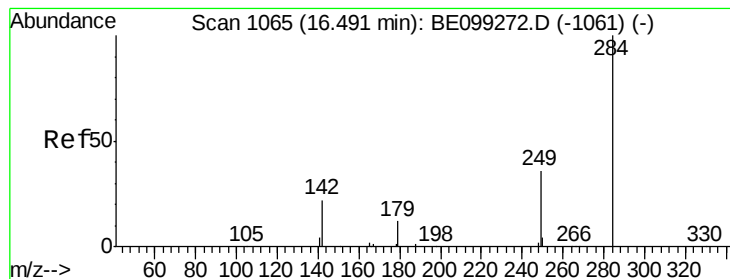


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.433 ng

RT: 16.49 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

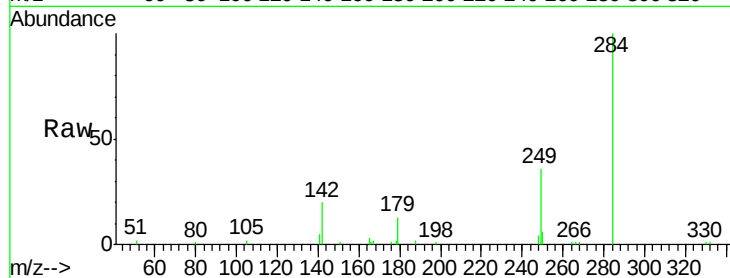
Tgt Ion:284 Resp: 6468

Ion Ratio Lower Upper

284 100

142 26.8 21.2 31.8

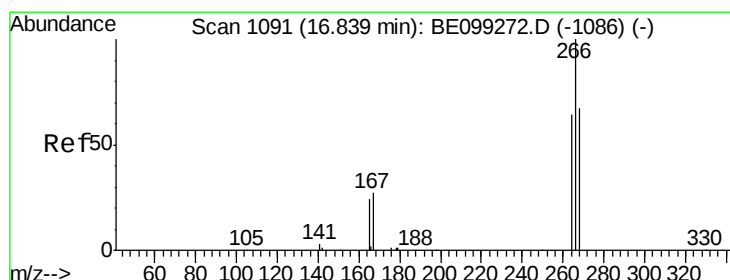
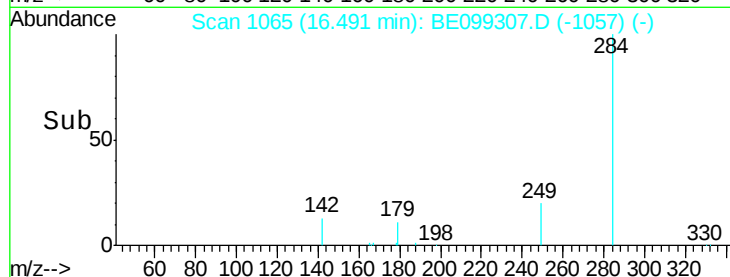
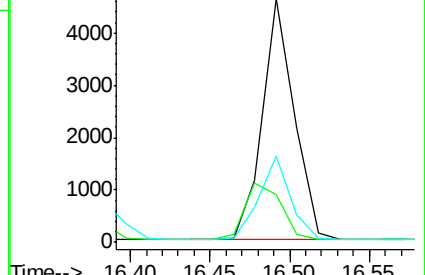
249 33.8 27.4 41.2



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: 0.473 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

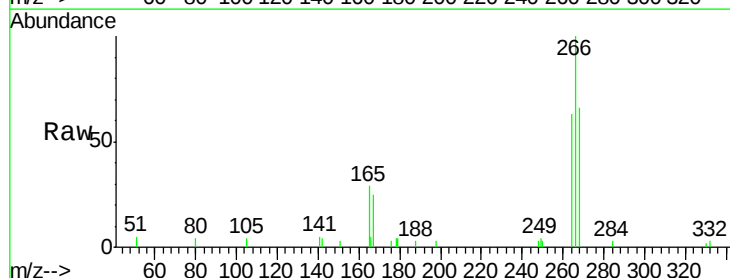
Tgt Ion:266 Resp: 2932

Ion Ratio Lower Upper

266 100

264 63.0 53.6 80.4

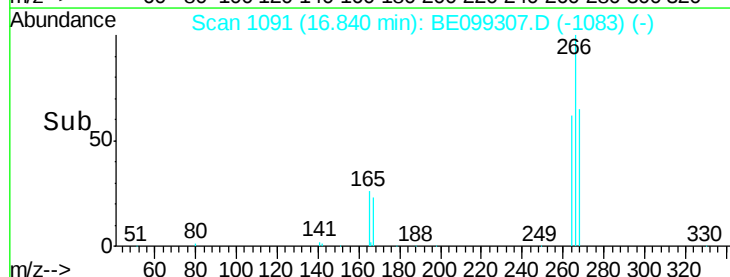
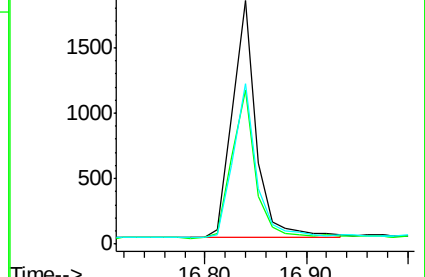
268 65.7 54.2 81.2

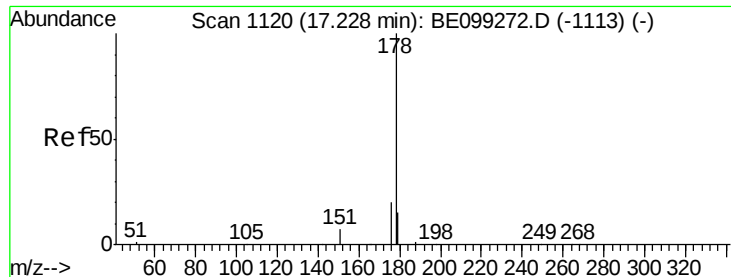


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.433 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

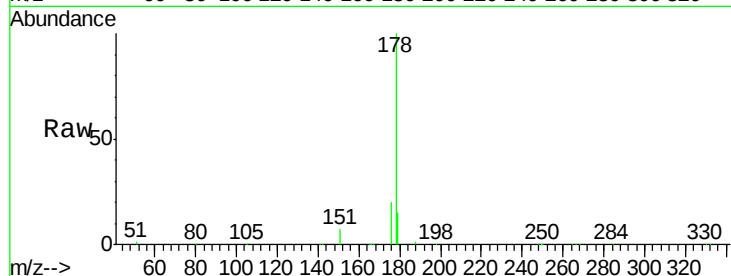
Tgt Ion:178 Resp: 30983

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

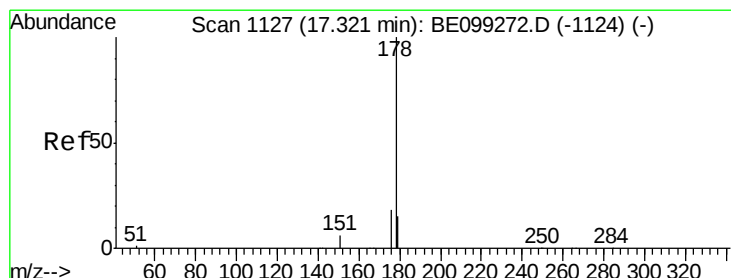
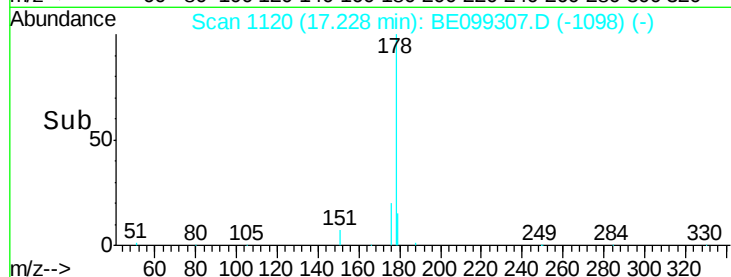
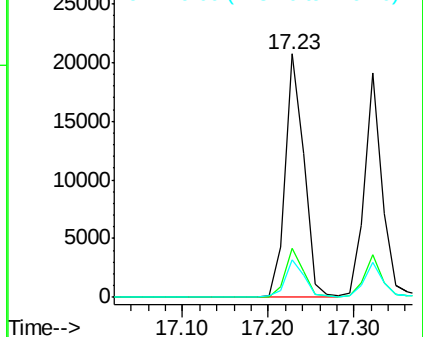
179 15.0 11.8 17.8



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: 0.398 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

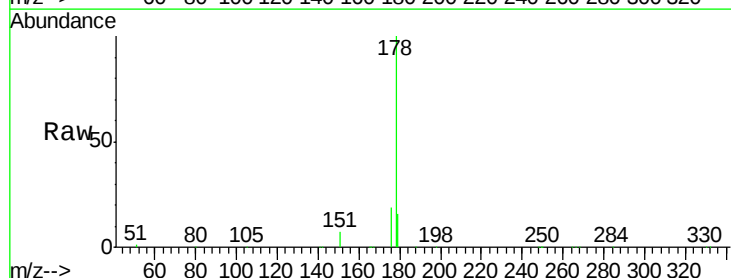
Tgt Ion:178 Resp: 26841

Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

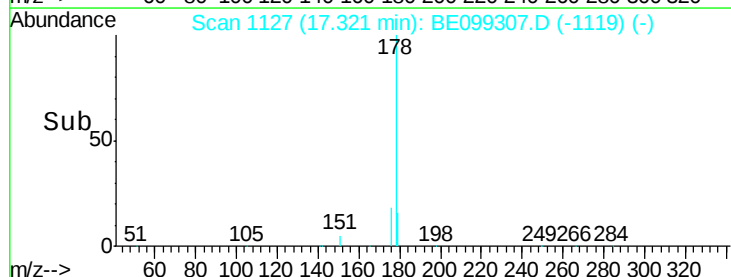
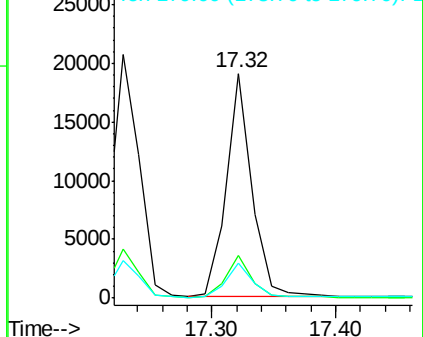
179 15.9 12.3 18.5

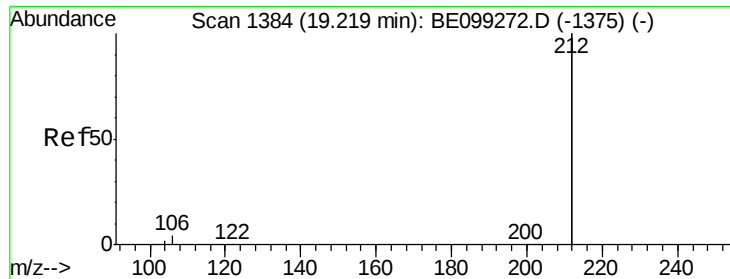


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.411 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

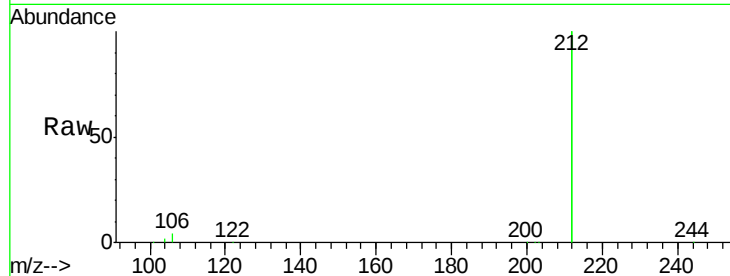
Tgt Ion:212 Resp: 150086

Ion Ratio Lower Upper

212 100

106 2.1 1.7 2.5

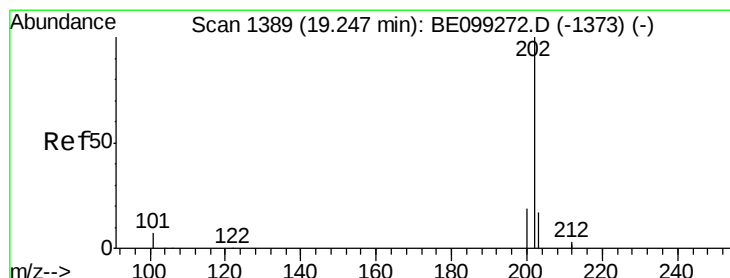
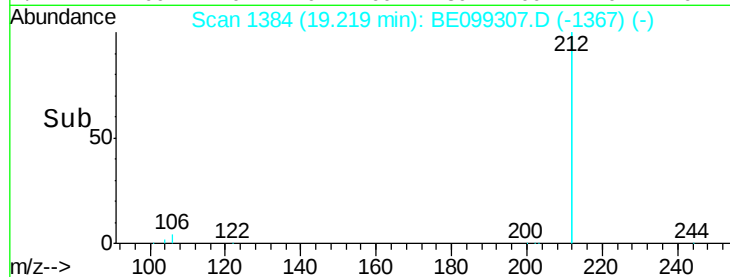
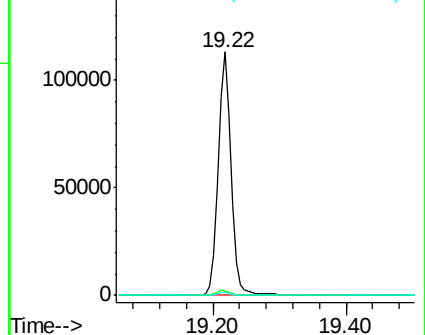
104 1.2 1.0 1.4



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: 0.420 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

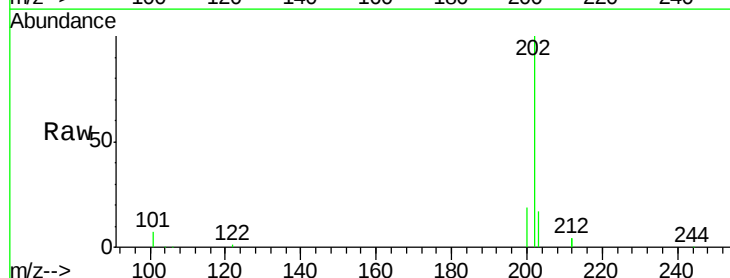
Tgt Ion:202 Resp: 44349

Ion Ratio Lower Upper

202 100

101 7.6 6.1 9.1

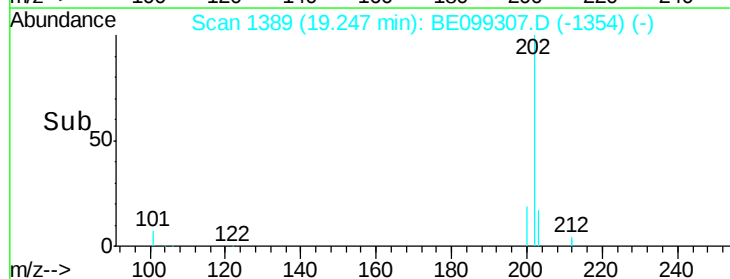
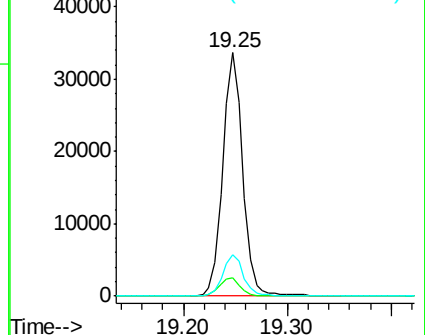
203 17.2 13.8 20.6

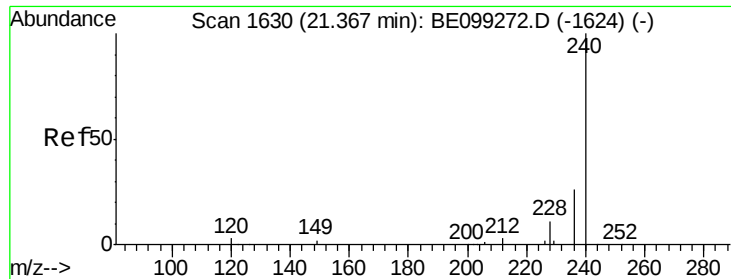


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

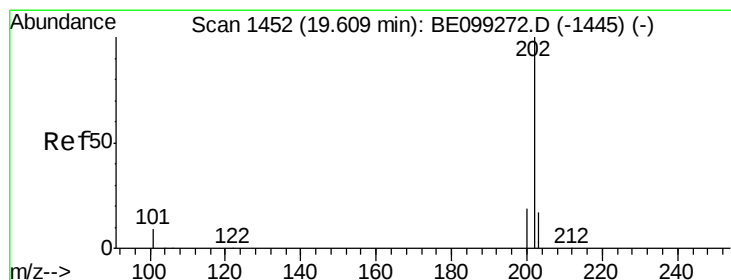
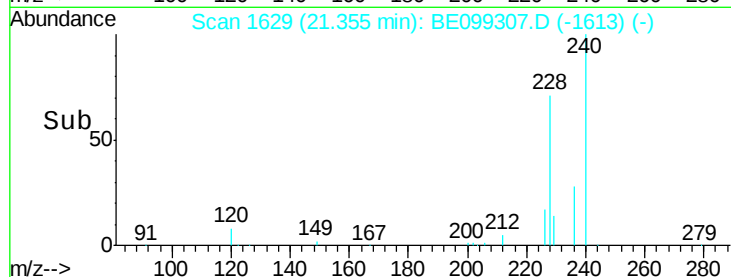
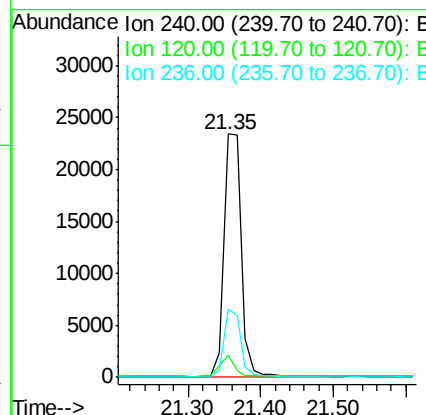
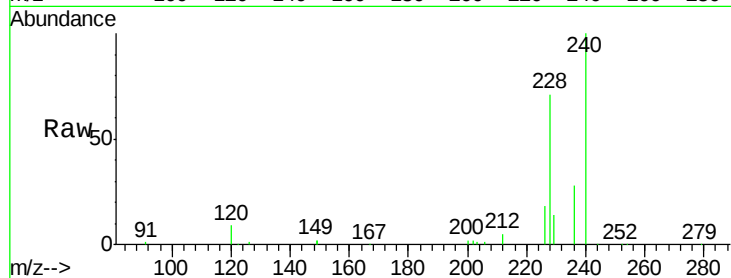




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.35 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BE099307.D
 Acq: 5 Apr 2019 14:04

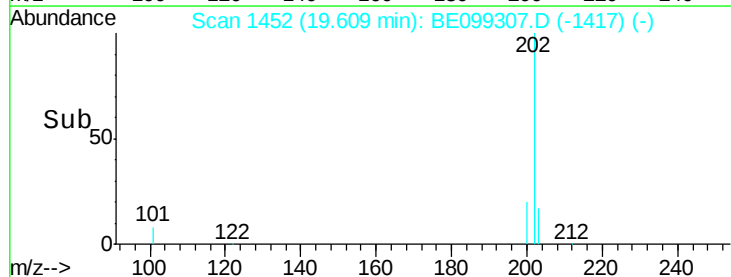
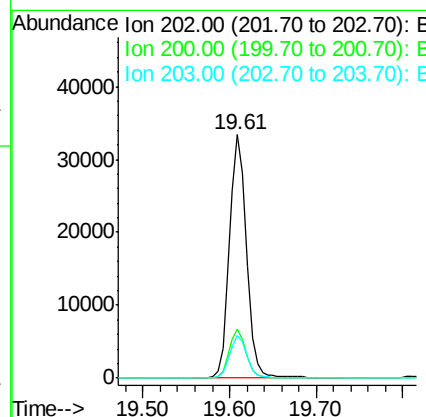
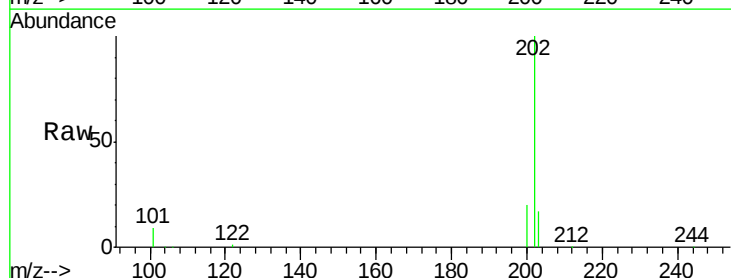
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

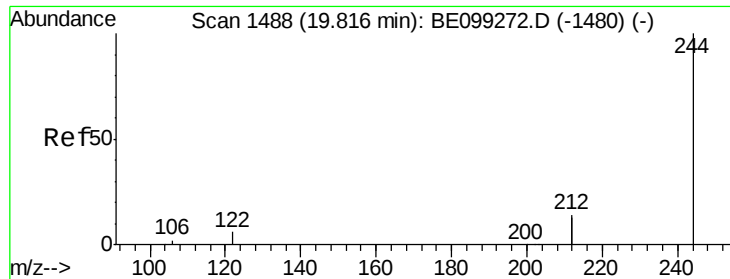
Tgt Ion:240 Resp: 39464
 Ion Ratio Lower Upper
 240 100
 120 8.9 2.3 3.5#
 236 28.3 21.0 31.6



#28
 Pyrene
 Concen: 0.432 ng
 RT: 19.61 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BE099307.D
 Acq: 5 Apr 2019 14:04

Tgt Ion:202 Resp: 45054
 Ion Ratio Lower Upper
 202 100
 200 19.6 15.5 23.3
 203 17.4 14.0 21.0





#29

Terphenyl-d14

Concen: 0.442 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

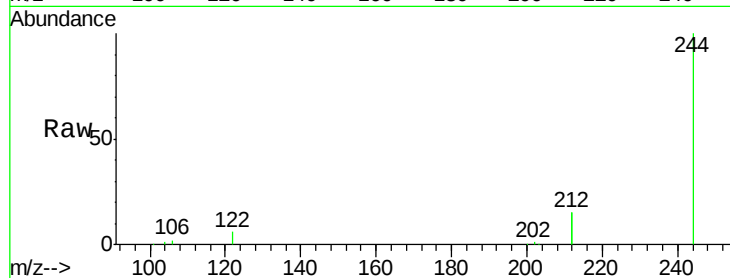
Tgt Ion:244 Resp: 31855

Ion Ratio Lower Upper

244 100

212 29.2 22.4 33.6

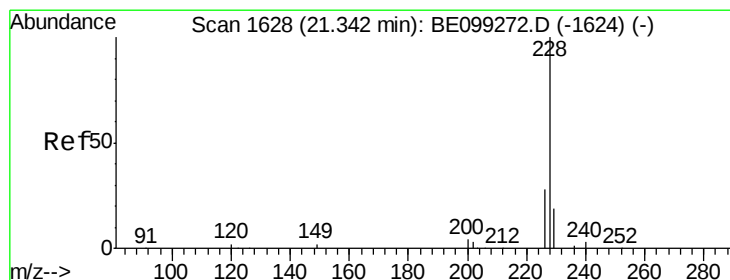
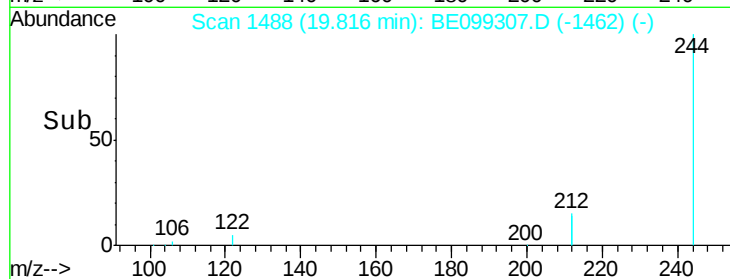
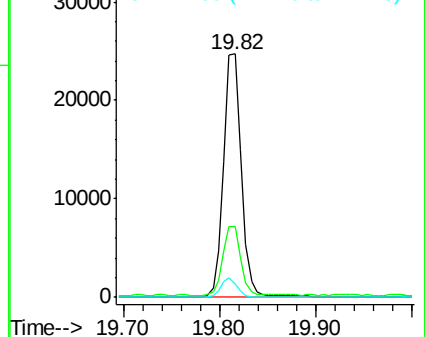
122 5.6 4.4 6.6



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: 0.392 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

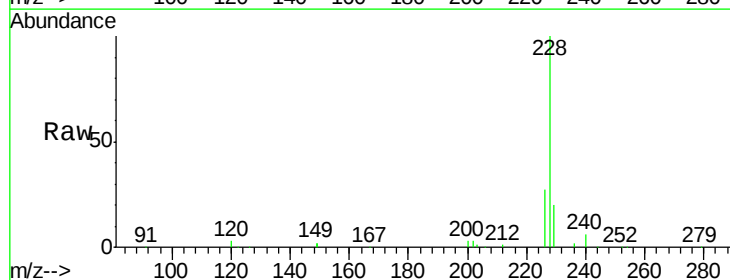
Tgt Ion:228 Resp: 48726

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

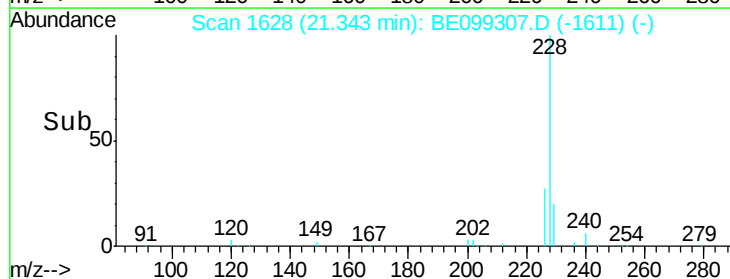
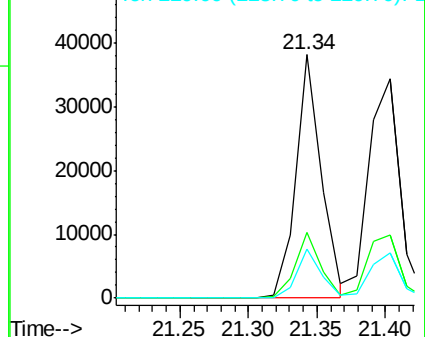
229 20.0 15.4 23.0

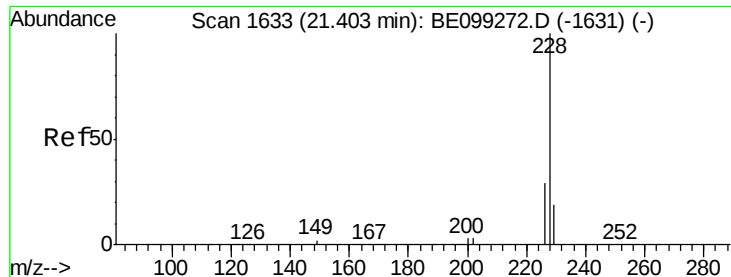


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.434 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

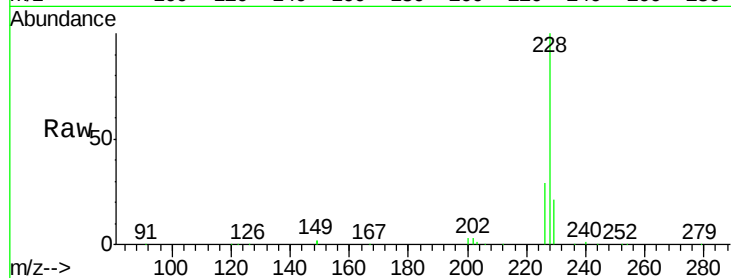
Tgt Ion: 228 Resp: 52881

Ion Ratio Lower Upper

228 100

226 29.0 23.6 35.4

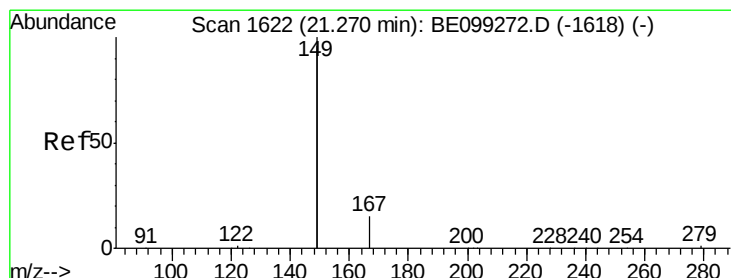
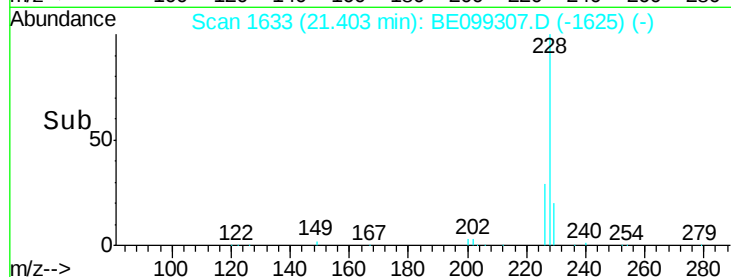
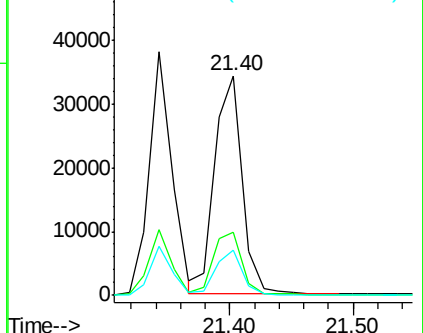
229 20.5 15.8 23.8



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: 0.292 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

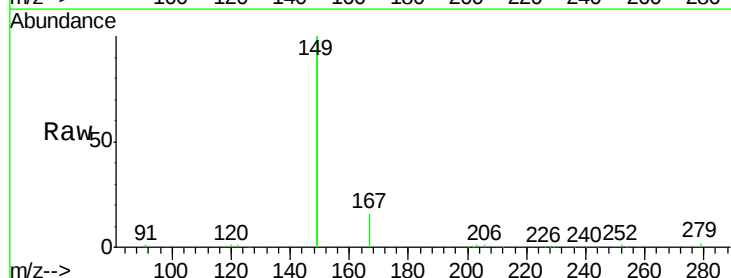
Tgt Ion: 149 Resp: 46277

Ion Ratio Lower Upper

149 100

167 7.6 5.8 8.6

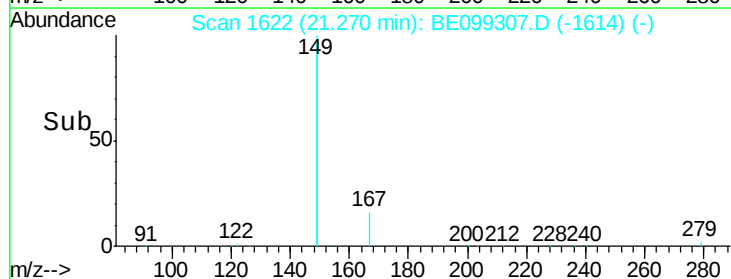
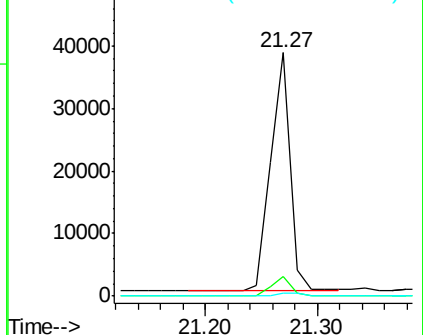
279 1.3 1.0 1.6

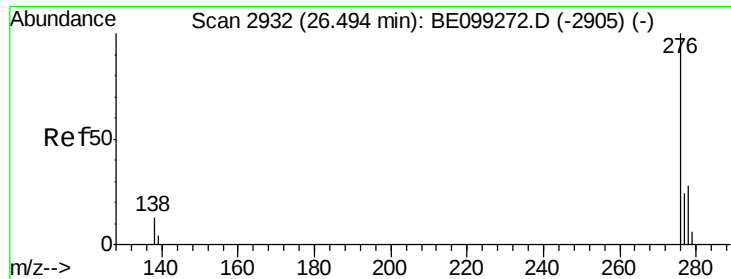


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.421 ng

RT: 26.49 min Scan# 2930

Delta R.T. -0.01 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

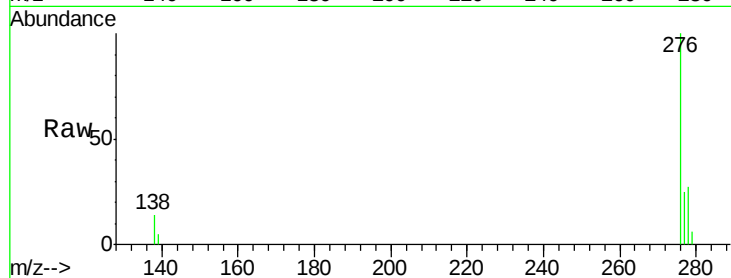
Tgt Ion:276 Resp: 58595

Ion Ratio Lower Upper

276 100

138 16.2 13.3 19.9

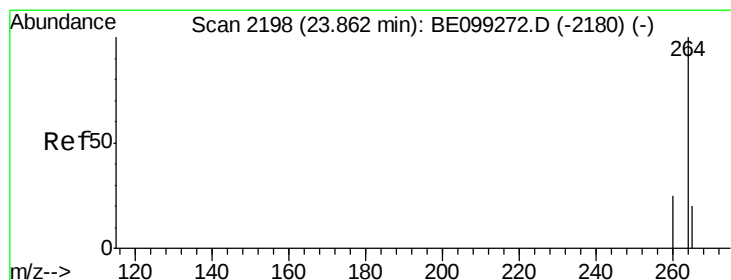
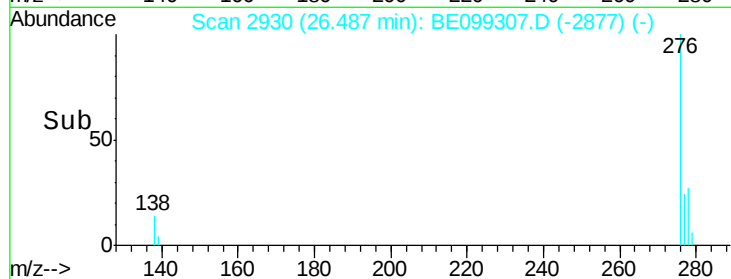
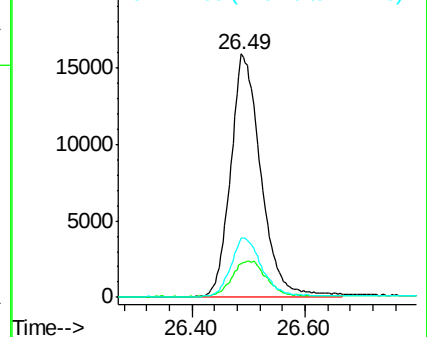
277 24.2 19.8 29.8



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# 2197

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

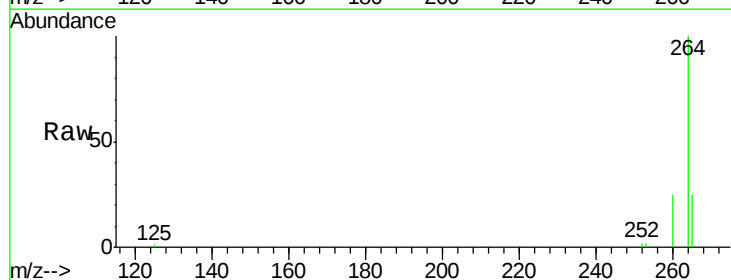
Tgt Ion:264 Resp: 40968

Ion Ratio Lower Upper

264 100

260 25.5 19.9 29.9

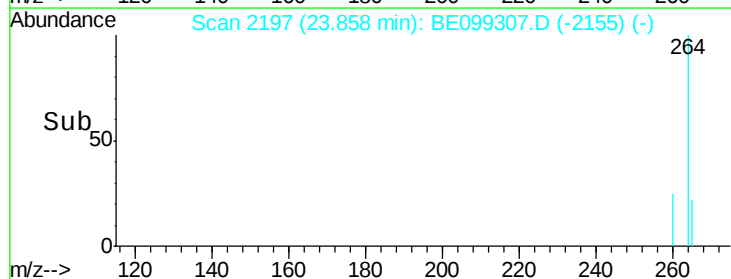
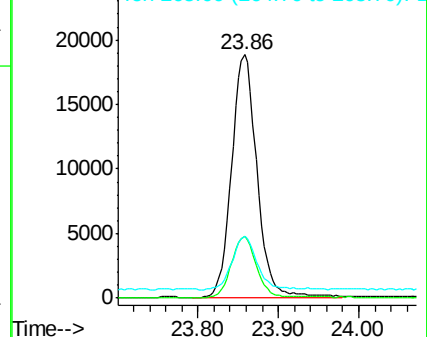
265 25.3 20.3 30.5

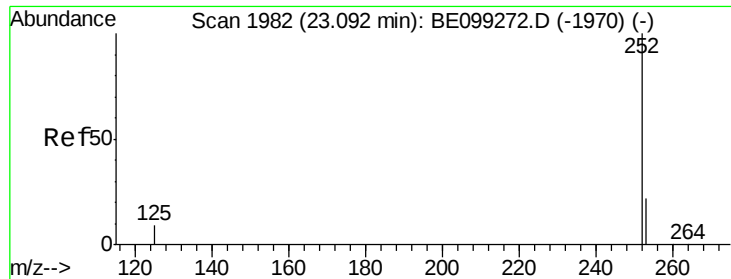


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.424 ng

RT: 23.09 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

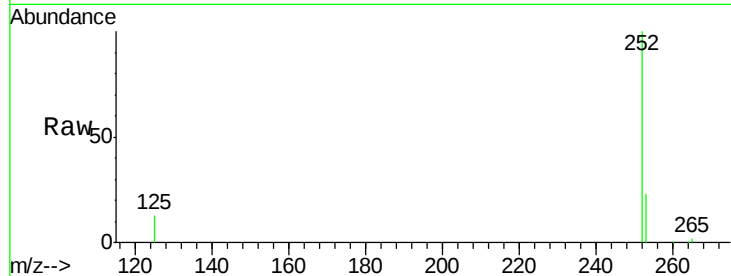
Tgt Ion:252 Resp: 51859

Ion Ratio Lower Upper

252 100

253 22.8 18.5 27.7

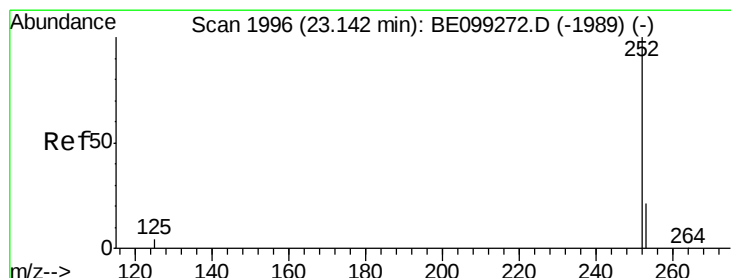
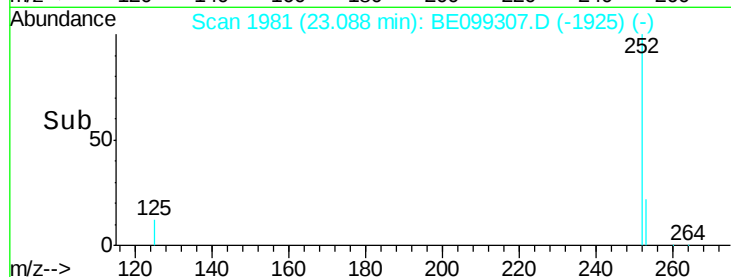
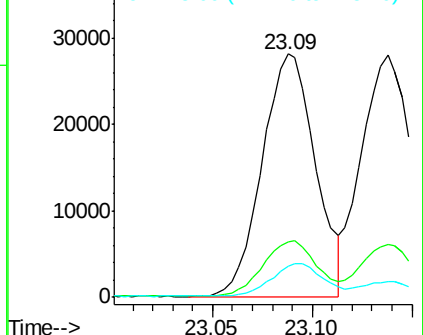
125 12.9 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.435 ng

RT: 23.14 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

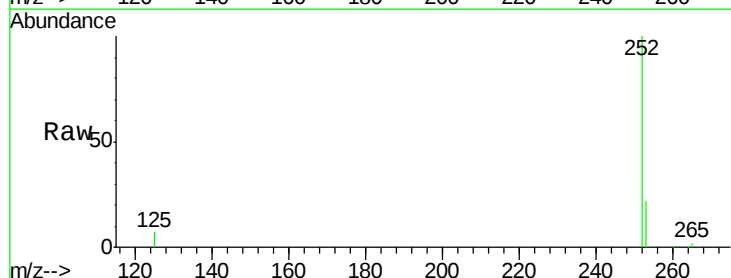
Tgt Ion:252 Resp: 51778

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

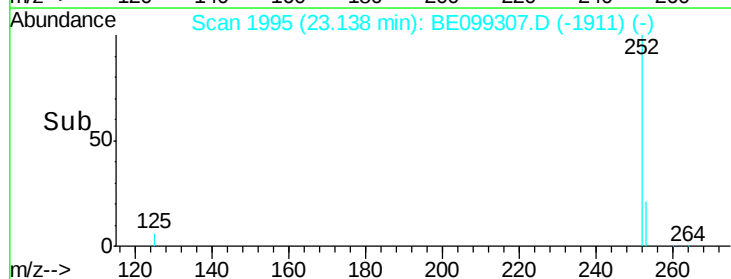
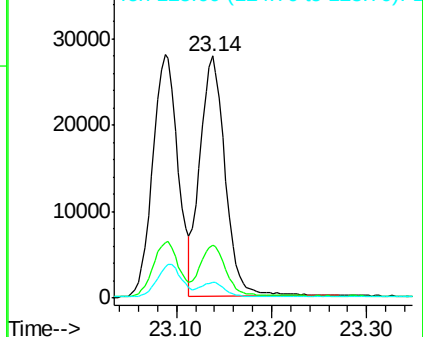
125 6.7 5.2 7.8

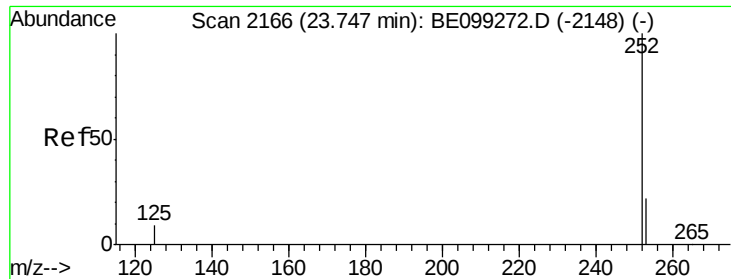


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.406 ng

RT: 23.74 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

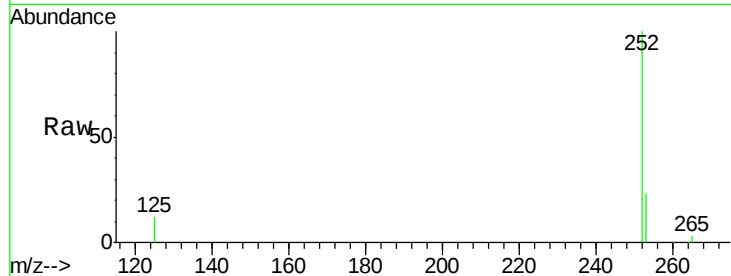
Tgt Ion:252 Resp: 46695

Ion Ratio Lower Upper

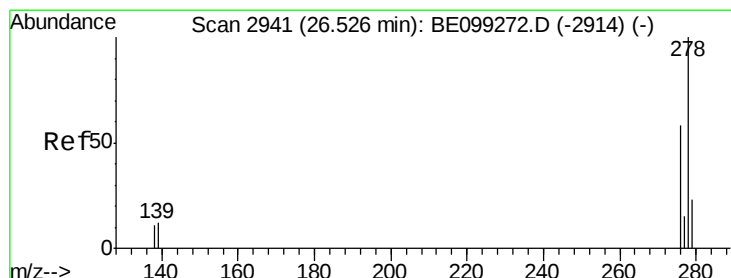
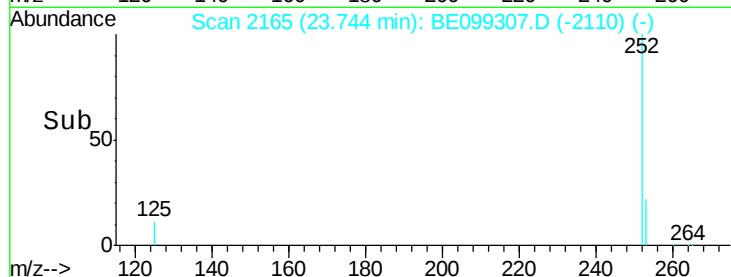
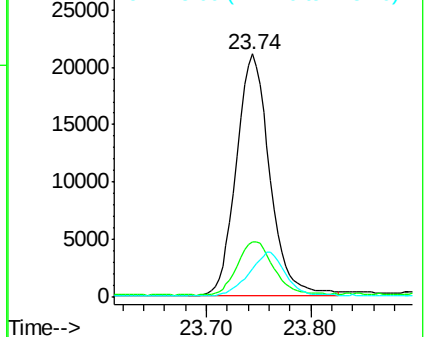
252 100

253 23.0 18.6 28.0

125 11.7 9.5 14.3



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



#38

Dibenzo(a,h)anthracene

Concen: 0.426 ng

RT: 26.52 min Scan# 2940

Delta R.T. -0.00 min

Lab File: BE099307.D

Acq: 5 Apr 2019 14:04

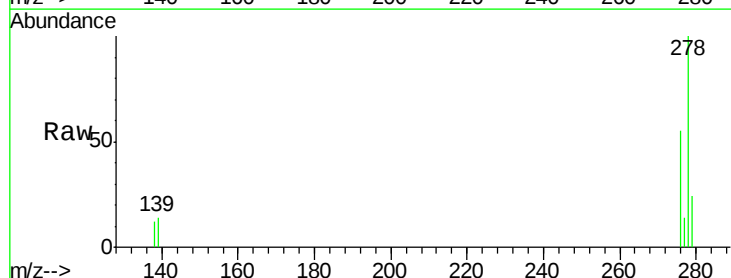
Tgt Ion:278 Resp: 48730

Ion Ratio Lower Upper

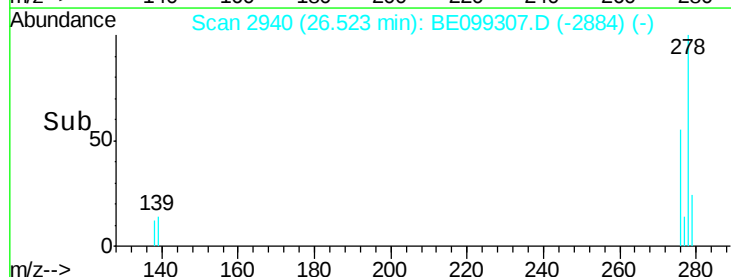
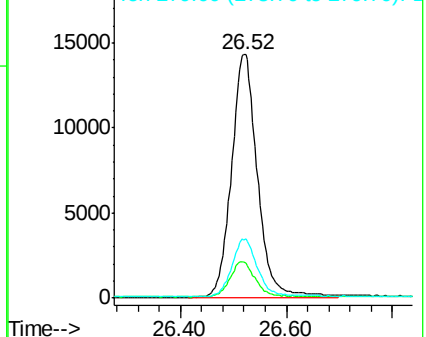
278 100

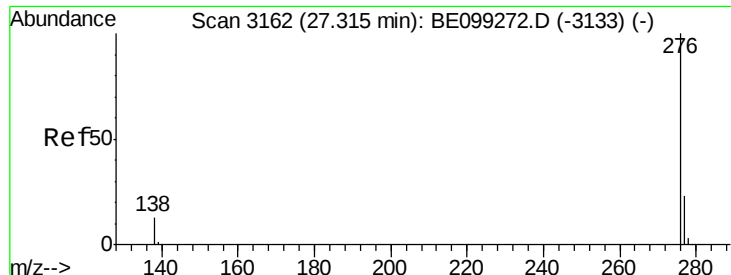
139 14.4 11.3 16.9

279 24.3 19.4 29.2



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(g,h,i)perylene

Concen: 0.419 ng

RT: 27.31 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BE099307.D

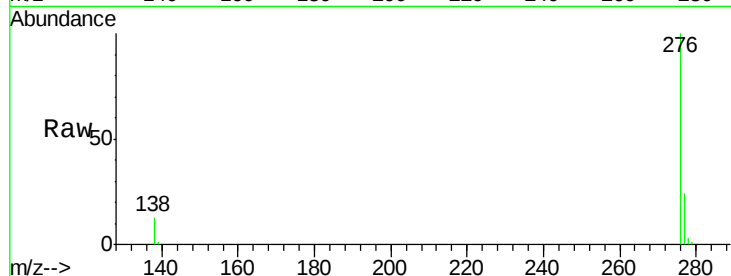
Acq: 5 Apr 2019 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



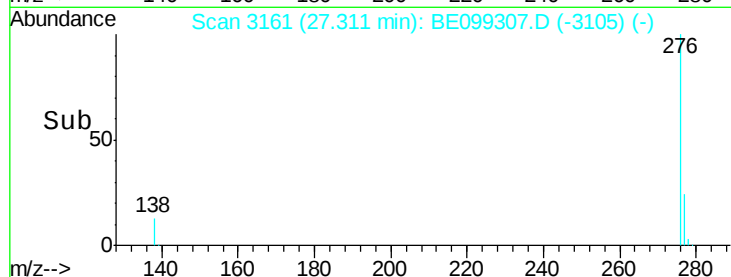
Tgt Ion: 276 Resp: 47679

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.4

138 13.3 10.7 16.1



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

