

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040319\
 Data File : BE099286.D
 Acq On : 3 Apr 2019 10:46
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc : LOQ 0.2 PPM
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Apr 04 03:41:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 02 17:16:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3440	0.40	ng	-0.02
7) Naphthalene-d8	10.61	136	12931	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	8807	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	26397	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	38911	0.40	ng	-0.02
34) Perylene-d12	23.87	264	39659	0.40	ng	-0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	3855	0.42	ng	-0.02
5) Phenol-d6	6.98	99	5124	0.41	ng	-0.01
8) Nitrobenzene-d5	8.98	82	3873	0.44	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	9350	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	15.94	330	1497	0.37	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	15009	0.43	ng	-0.01
25) Fluoranthene-d10	19.22	212	142839	0.41	ng	-0.02
29) Terphenyl-d14	19.82	244	30683	0.43	ng	-0.02

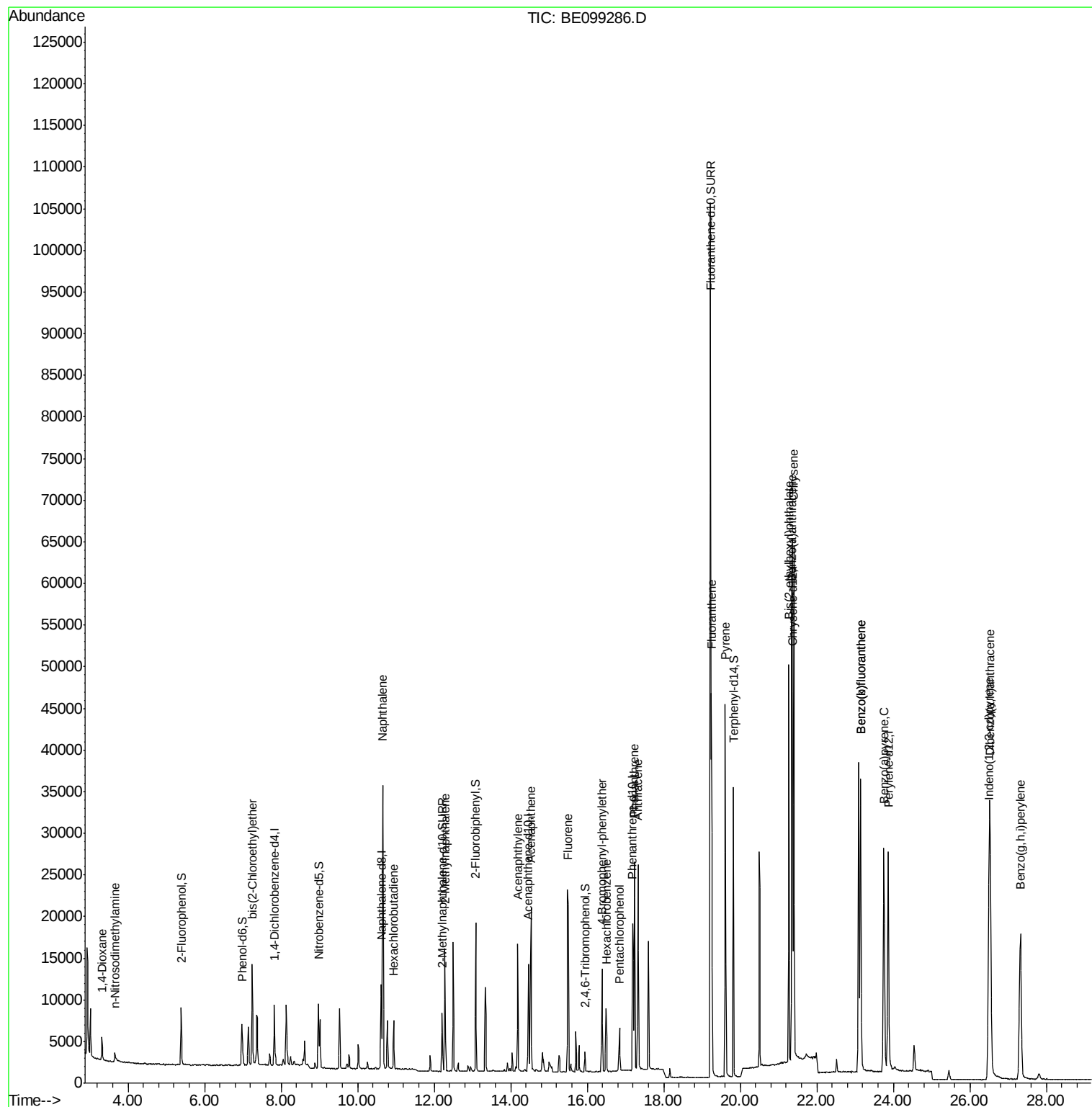
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	2203	0.470	ng	95
3) n-Nitrosodimethylamine	3.65	42	1068	0.386	ng	# 93
6) bis(2-Chloroethyl)ether	7.24	93	4810	0.427	ng	97
9) Naphthalene	10.65	128	60469	0.430	ng	100
10) Hexachlorobutadiene	10.94	225	3957	0.433	ng	97
12) 2-Methylnaphthalene	12.28	142	10200	0.426	ng	99
16) Acenaphthylene	14.18	152	16418	0.394	ng	99
17) Acenaphthene	14.53	154	10326	0.419	ng	98
18) Fluorene	15.50	166	14764	0.415	ng	98
20) 4-Bromophenyl-phenylether	16.38	248	6003	0.401	ng	# 82
21) Hexachlorobenzene	16.49	284	6071	0.426	ng	98
22) Pentachlorophenol	16.84	266	2803	0.473	ng	87
23) Phenanthrene	17.23	178	29195	0.427	ng	100
24) Anthracene	17.32	178	26552	0.412	ng	100
26) Fluoranthene	19.25	202	41907	0.416	ng	99
28) Pyrene	19.62	202	43368	0.422	ng	99
30) Benzo(a)anthracene	21.34	228	50718	0.414	ng	98
31) Chrysene	21.40	228	51669	0.430	ng	97
32) Bis(2-ethylhexyl)phthalate	21.27	149	49754	0.319	ng	100
33) Indeno(1,2,3-cd)pyrene	26.50	276	55589	0.405	ng	# 82
35) Benzo(b)fluoranthene	23.14	252	50614	0.428	ng	99
36) Benzo(k)fluoranthene	23.14	252	50614	0.439	ng	99
37) Benzo(a)pyrene	23.75	252	45843	0.412	ng	# 98
38) Dibenzo(a,h)anthracene	26.53	278	46404	0.419	ng	99
39) Benzo(g,h,i)perylene	27.32	276	45664	0.414	ng	99

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

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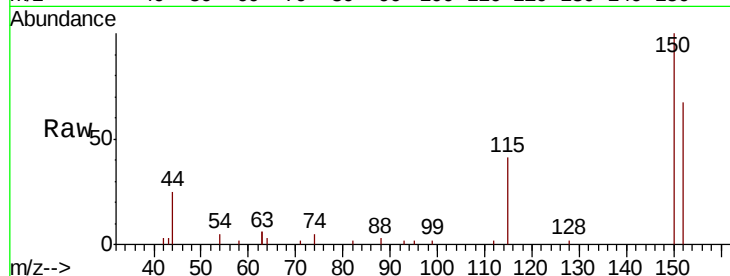


#1

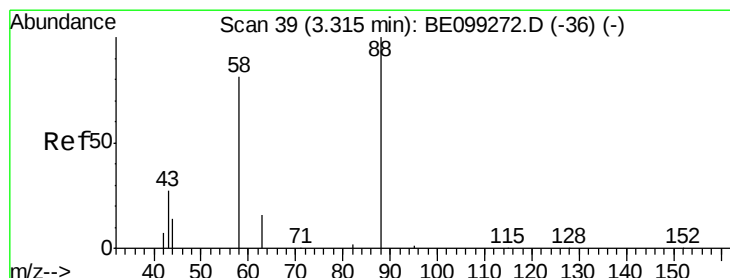
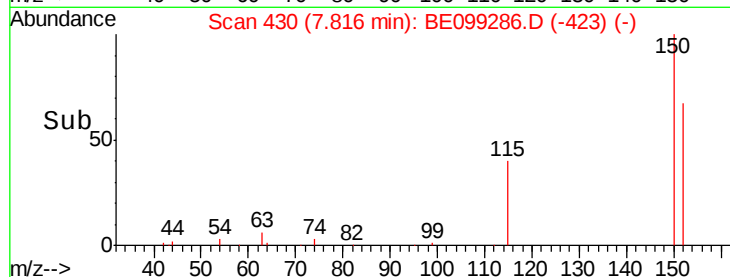
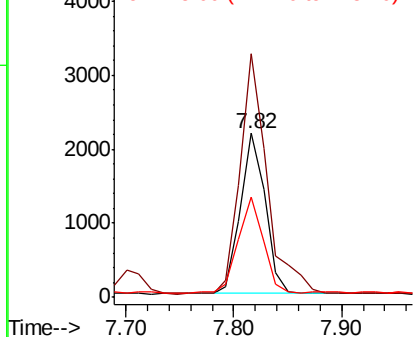
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.02 min
Lab File: BE099286.D
Acq: 3 Apr 2019 10:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3440
Ion Ratio Lower Upper
152 100
150 148.4 112.8 169.2
115 61.1 45.1 67.7



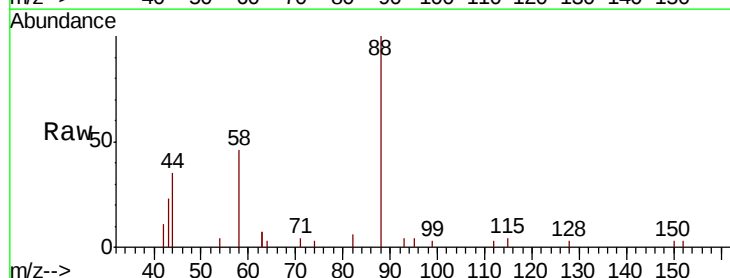
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



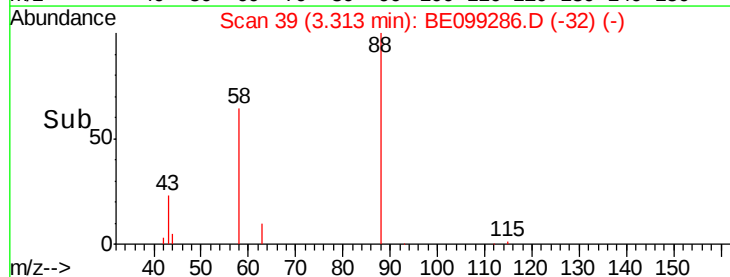
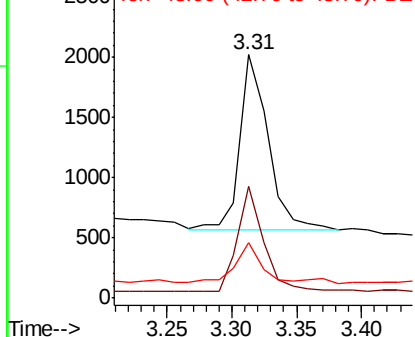
#2

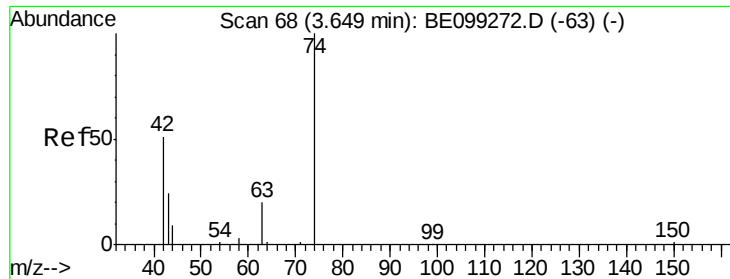
1,4-Dioxane
Concen: 0.470 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.02 min
Lab File: BE099286.D
Acq: 3 Apr 2019 10:46

Tgt Ion: 88 Resp: 2203
Ion Ratio Lower Upper
88 100
58 54.7 47.4 71.0
43 19.7 15.6 23.4



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.386 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.02 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

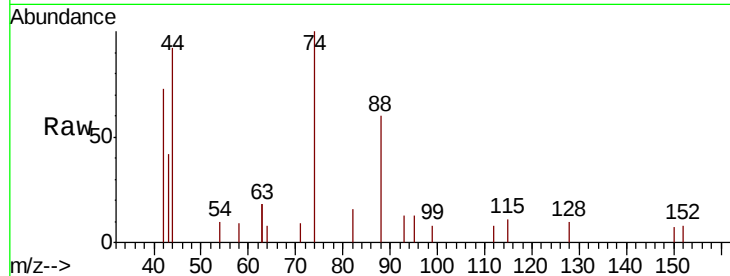
Tgt Ion: 42 Resp: 1068

Ion Ratio Lower Upper

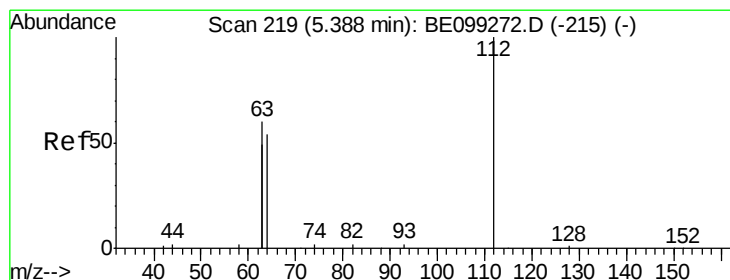
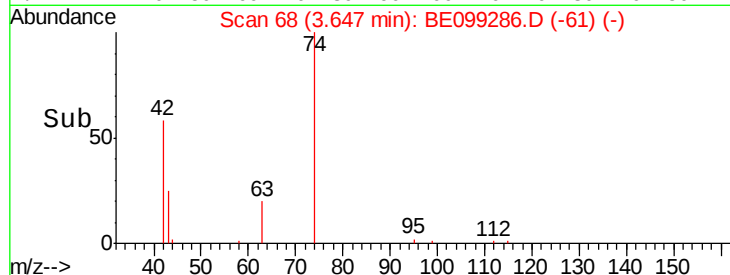
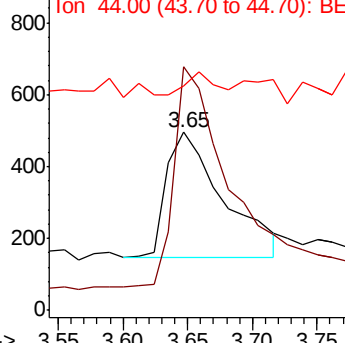
42 100

74 165.1 138.6 207.8

44 8.7 15.0 22.6#



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: 0.422 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.02 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

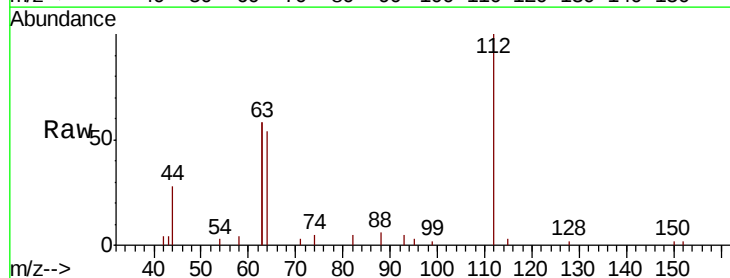
Tgt Ion: 112 Resp: 3855

Ion Ratio Lower Upper

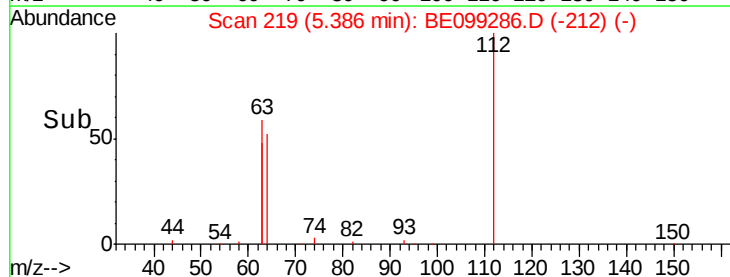
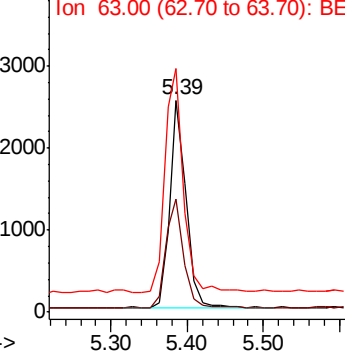
112 100

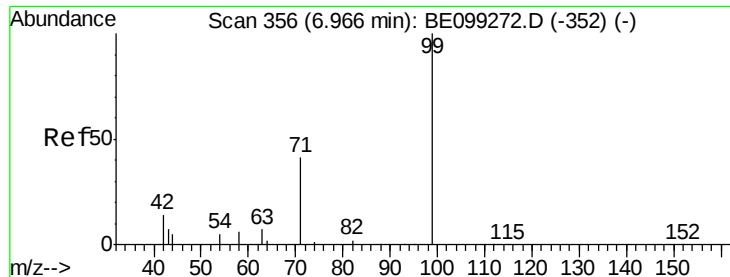
64 57.4 46.2 69.2

63 122.7 89.9 134.9



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: 0.408 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

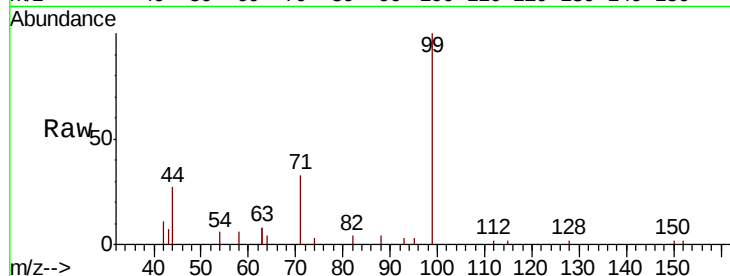
Tgt Ion: 99 Resp: 5124

Ion Ratio Lower Upper

99 100

42 15.3 12.4 18.6

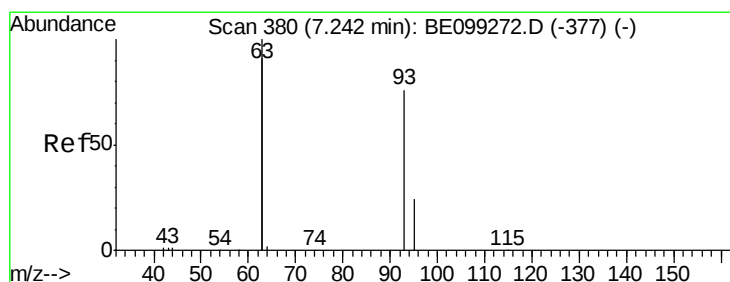
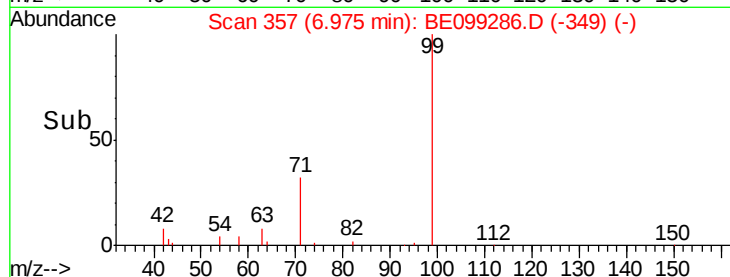
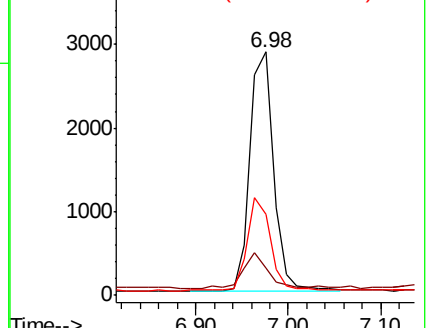
71 37.6 28.4 42.6



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: 0.427 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.02 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

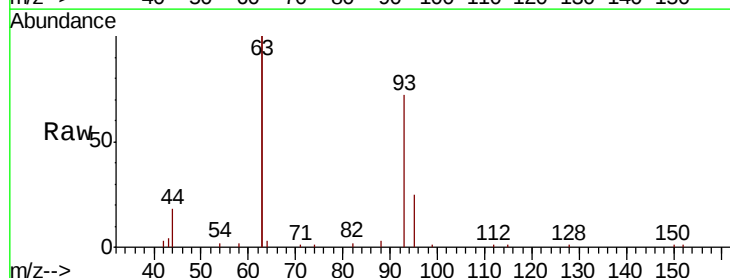
Tgt Ion: 93 Resp: 4810

Ion Ratio Lower Upper

93 100

63 271.2 221.4 332.0

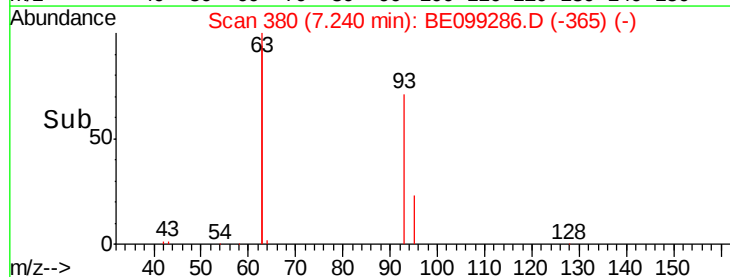
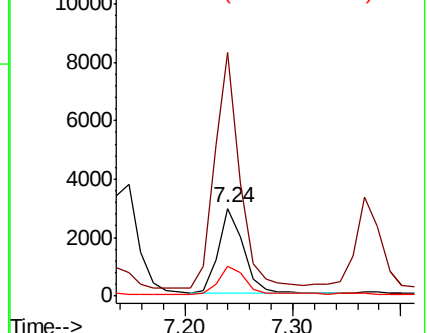
95 34.1 25.8 38.8

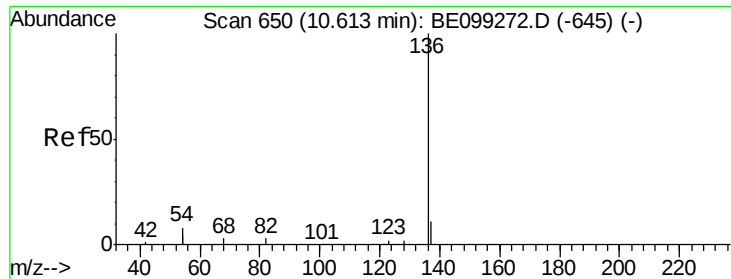


Abundance Ion 93.00 (92.70 to 93.70): BE0

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. -0.01 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 12931

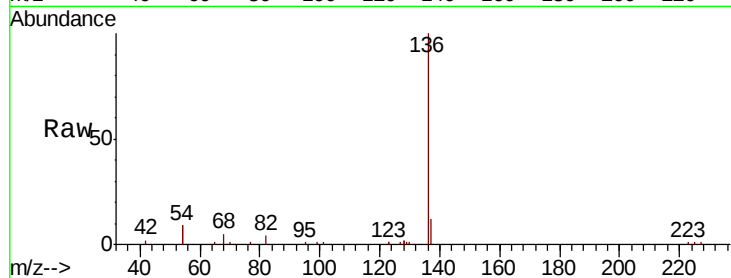
Ion Ratio Lower Upper

136 100

137 11.7 8.7 13.1

54 17.3 18.7 28.1#

68 4.6 5.2 7.8#

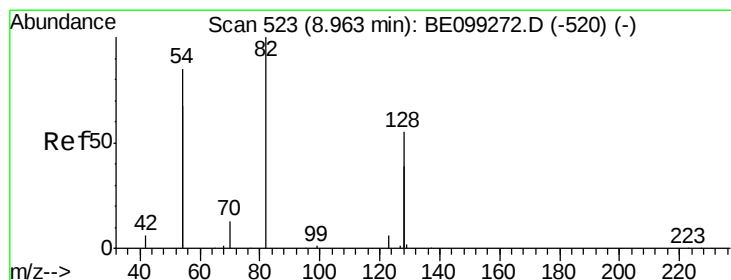
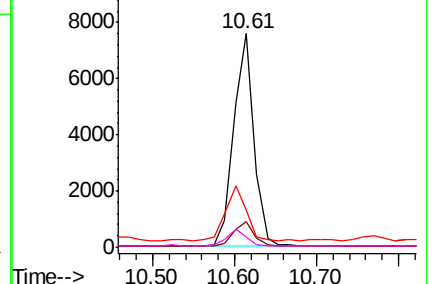
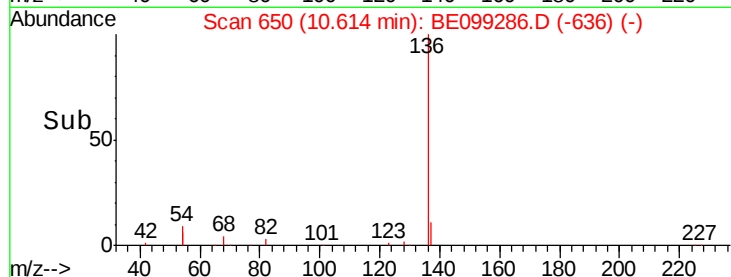


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.436 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.01 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

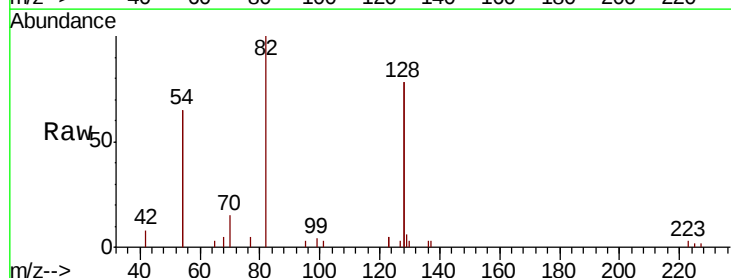
Tgt Ion: 82 Resp: 3873

Ion Ratio Lower Upper

82 100

128 156.7 107.5 161.3

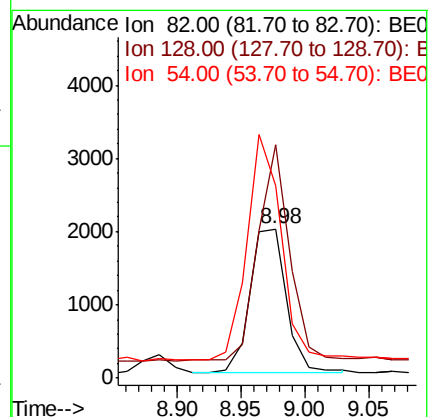
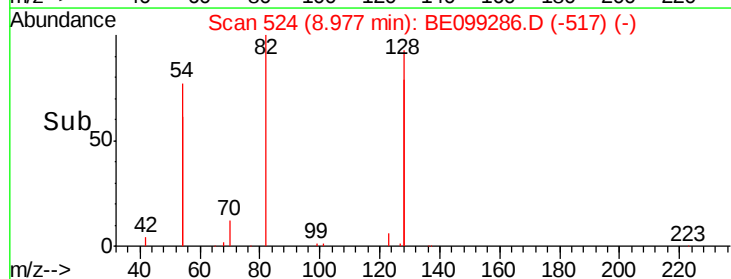
54 129.3 106.3 159.5

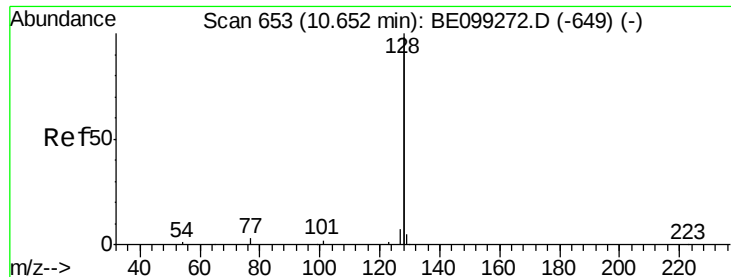


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.430 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.03 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

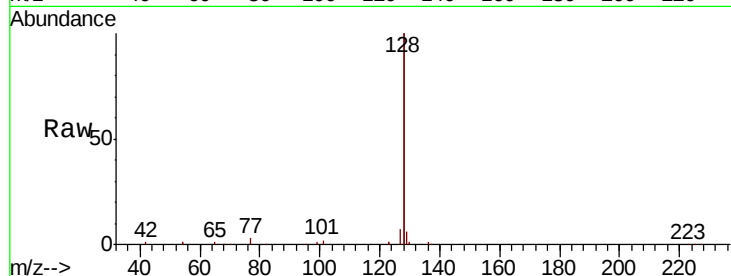
Tgt Ion:128 Resp: 60469

Ion Ratio Lower Upper

128 100

129 2.8 2.3 3.5

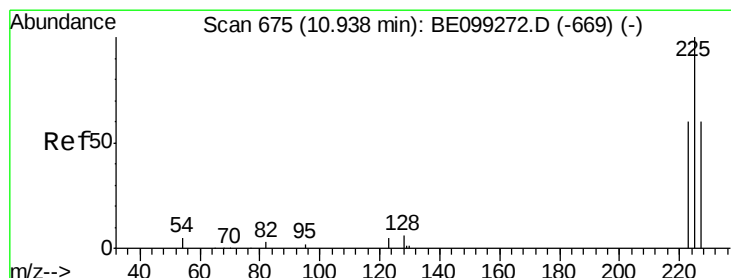
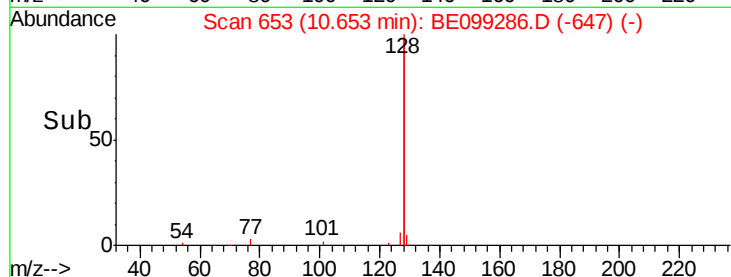
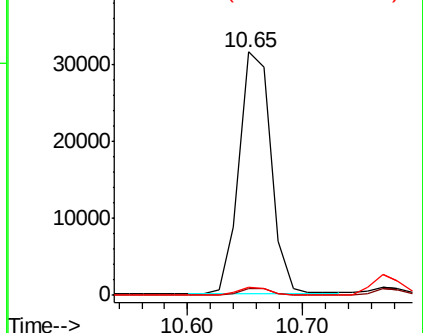
127 3.3 2.6 3.8



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: 0.433 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.01 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

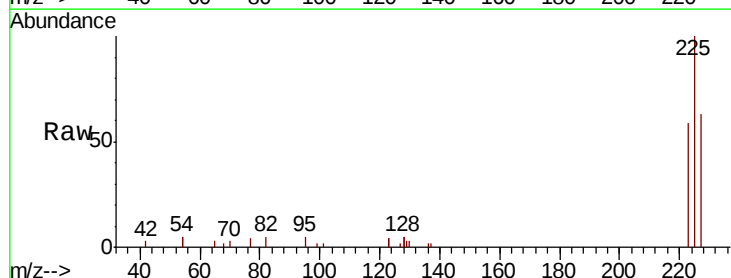
Tgt Ion:225 Resp: 3957

Ion Ratio Lower Upper

225 100

223 60.9 51.3 76.9

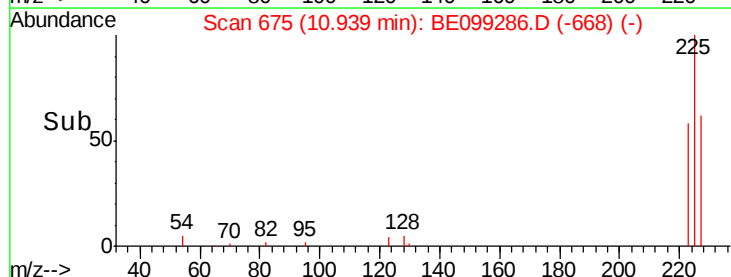
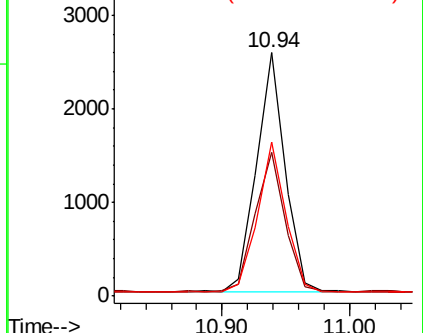
227 61.9 48.6 73.0

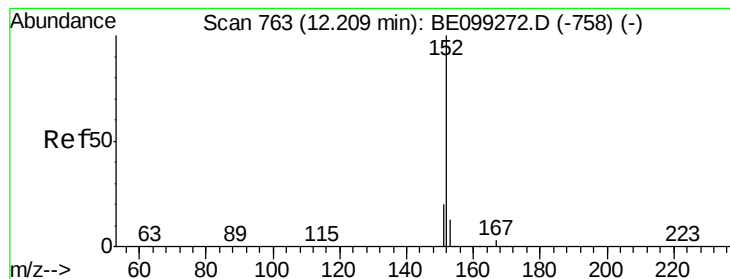


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.414 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

Instrument :

BNA_E

ClientSampleId :

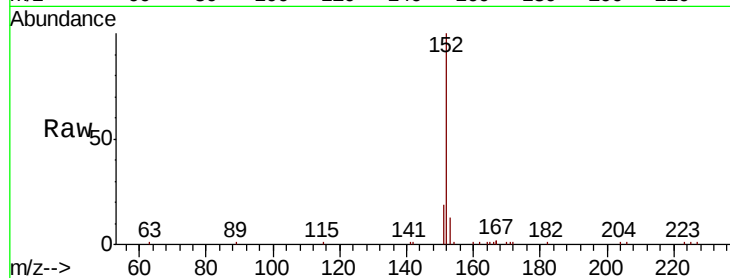
SSTDCCC0.4

Tgt Ion:152 Resp: 9350

Ion Ratio Lower Upper

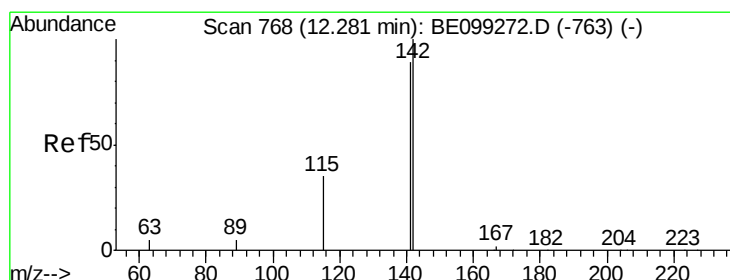
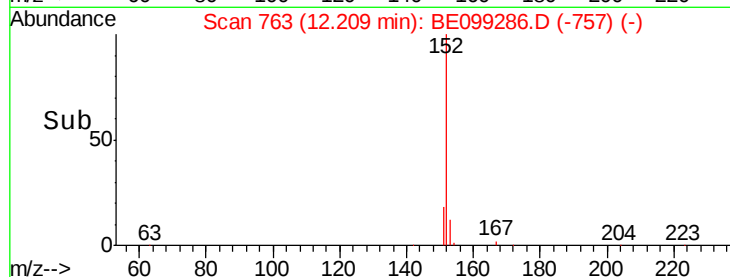
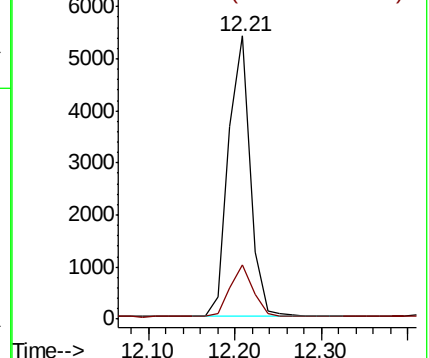
152 100

151 19.7 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.426 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

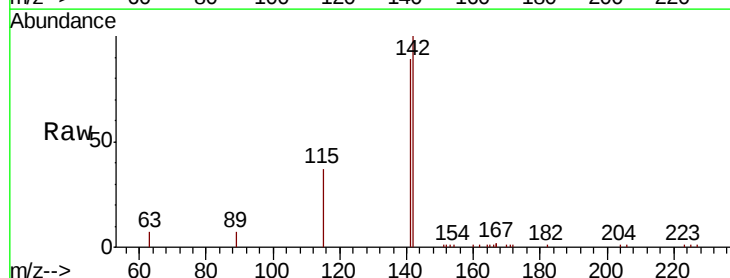
Tgt Ion:142 Resp: 10200

Ion Ratio Lower Upper

142 100

141 88.6 71.3 106.9

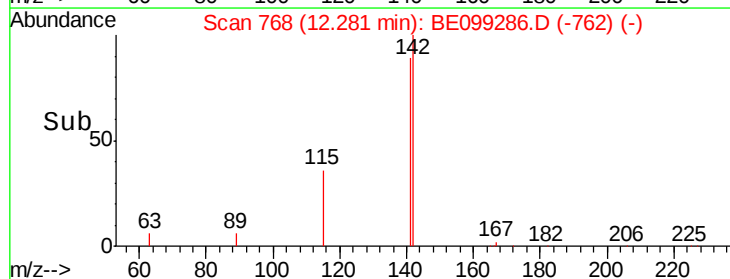
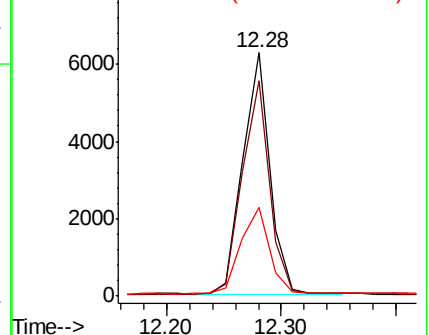
115 36.6 30.4 45.6

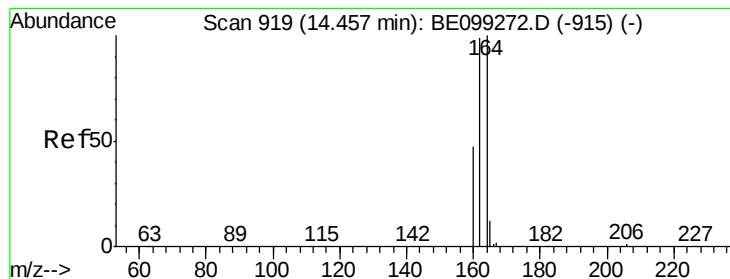


Abundance Ion 142.00 (141.70 to 142.70): E

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. -0.03 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

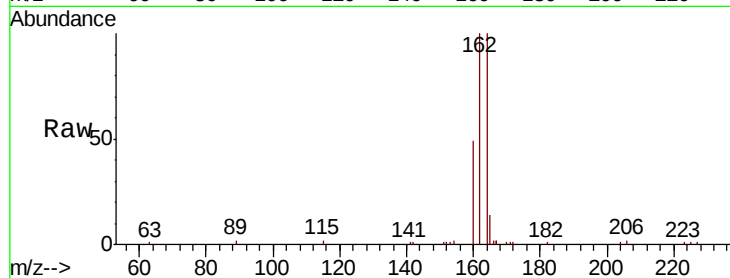
Tgt Ion:164 Resp: 8807

Ion Ratio Lower Upper

164 100

162 100.1 79.2 118.8

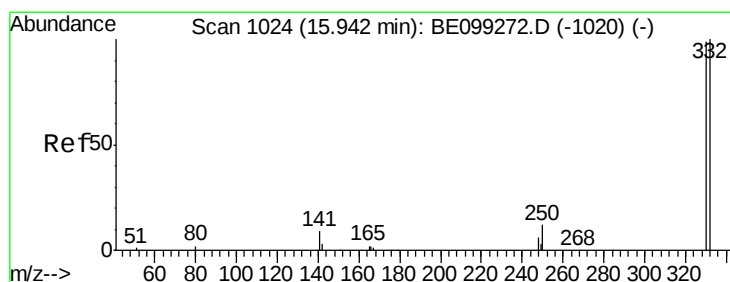
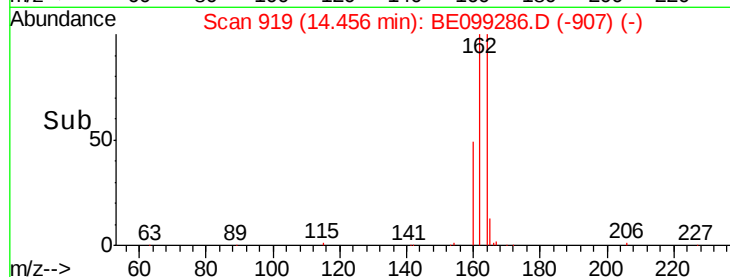
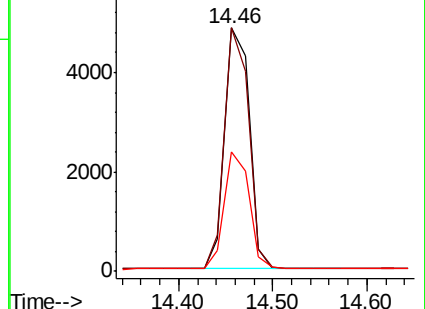
160 49.2 36.7 55.1



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: 0.369 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

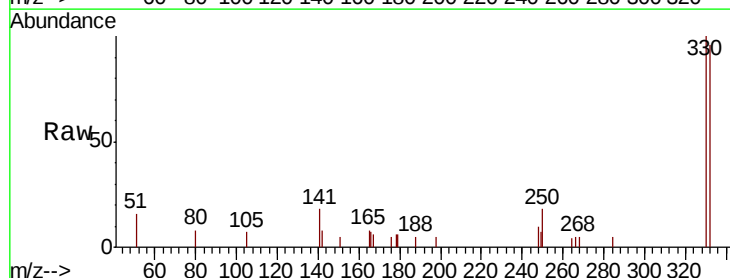
Tgt Ion:330 Resp: 1497

Ion Ratio Lower Upper

330 100

332 95.1 71.3 106.9

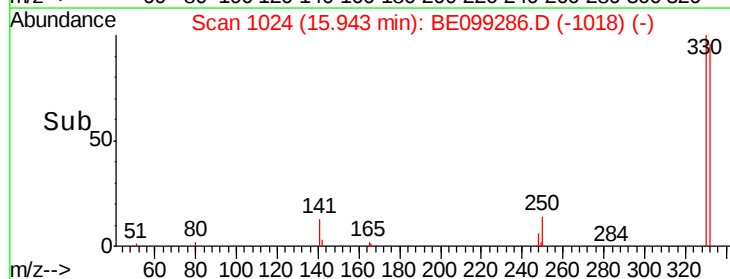
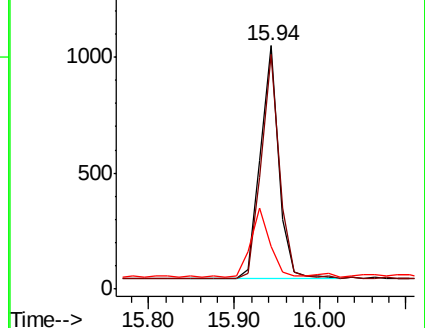
141 31.7 21.7 32.5

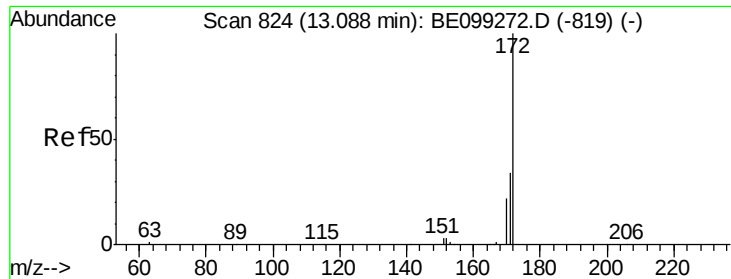


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

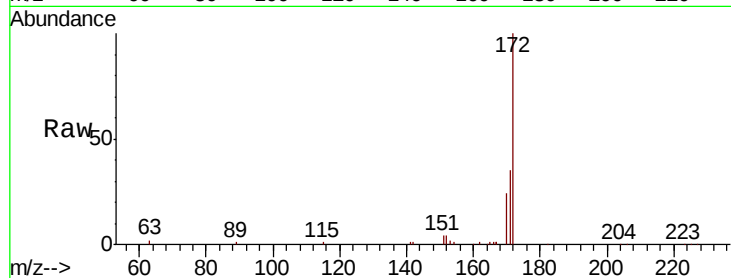




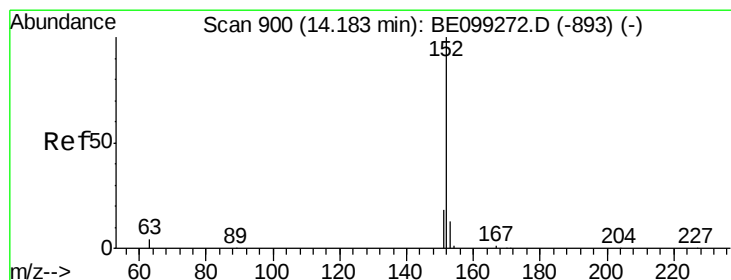
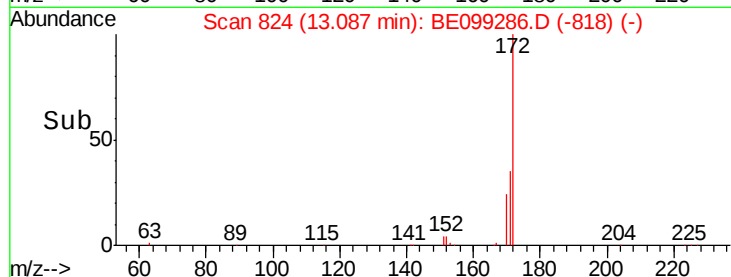
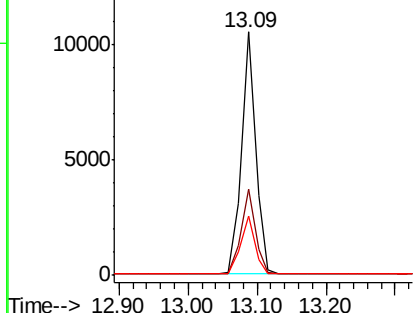
#15
2-Fluorobiphenyl
Concen: 0.434 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099286.D
Acq: 3 Apr 2019 10:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 15009
Ion Ratio Lower Upper
172 100
171 35.2 27.4 41.0
170 24.3 19.1 28.7

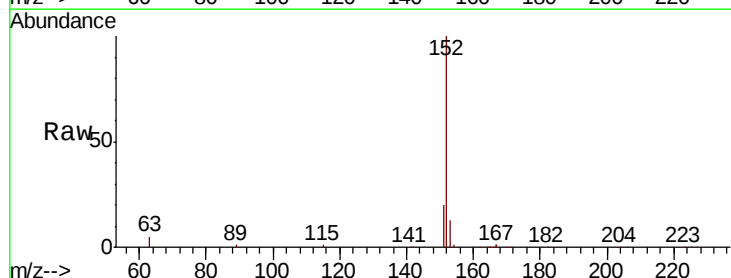


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

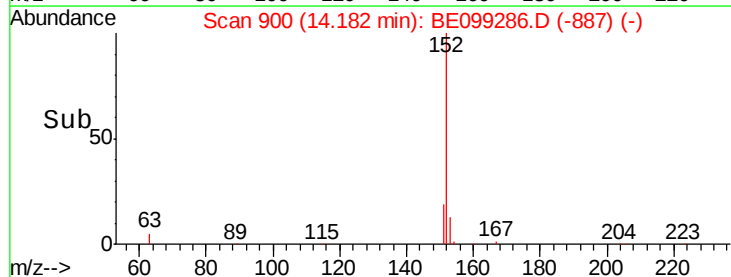
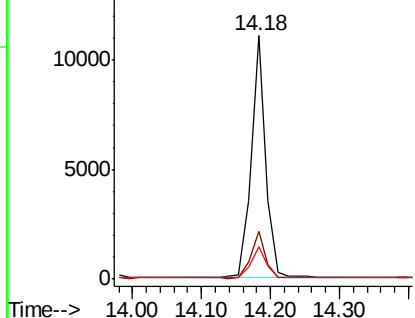


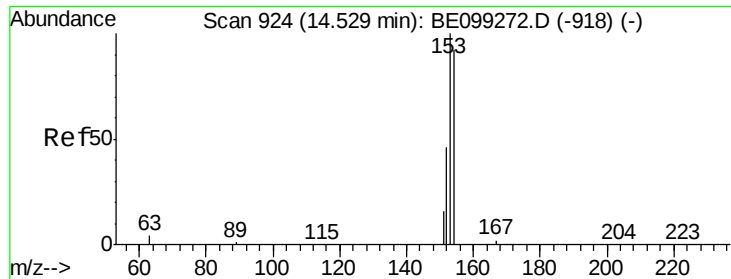
#16
Acenaphthylene
Concen: 0.394 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099286.D
Acq: 3 Apr 2019 10:46

Tgt Ion:152 Resp: 16418
Ion Ratio Lower Upper
152 100
151 19.1 15.7 23.5
153 13.5 10.6 15.8



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

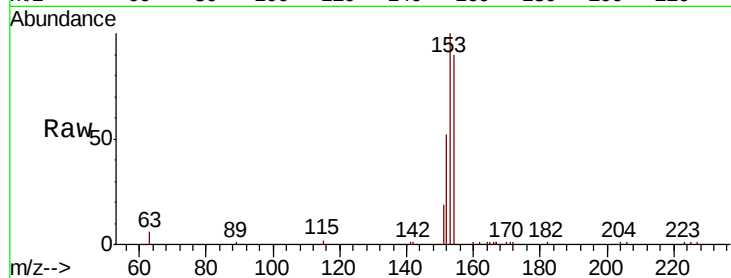




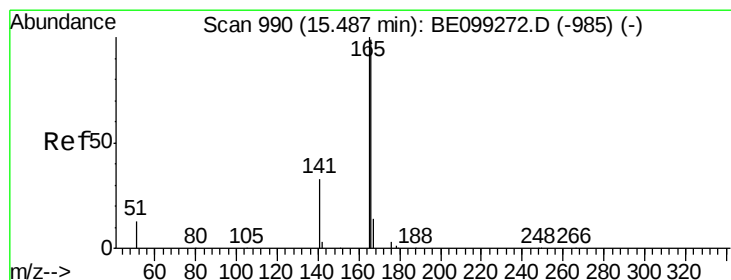
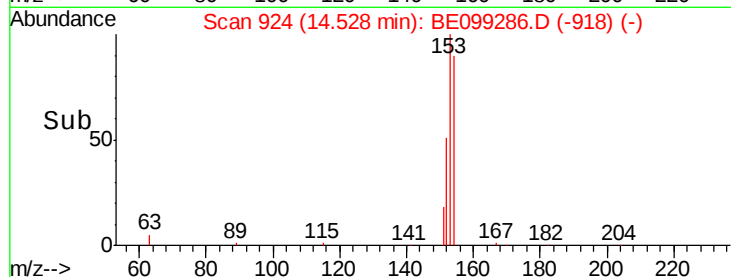
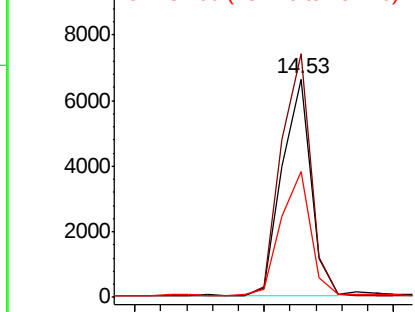
#17
Acenaphthene
Concen: 0.419 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE099286.D
Acq: 3 Apr 2019 10:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 10326
Ion Ratio Lower Upper
154 100
153 114.1 93.4 140.0
152 58.2 46.6 69.8

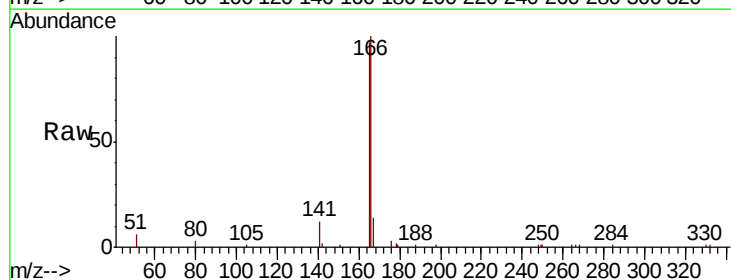


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

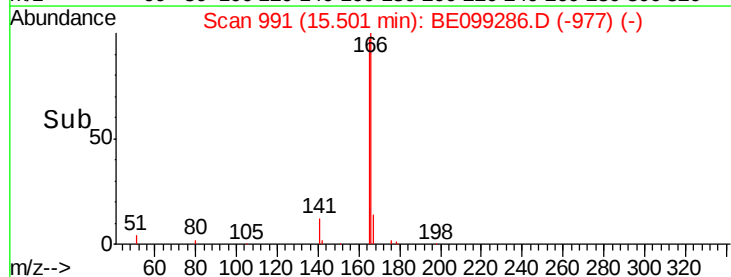
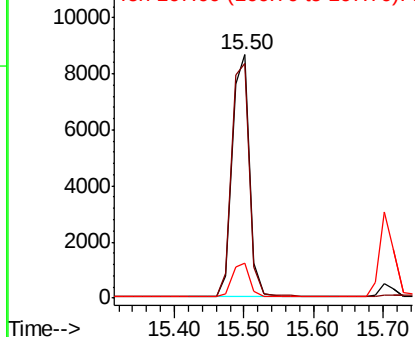


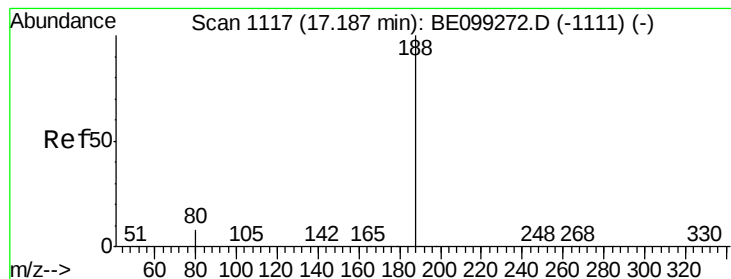
#18
Fluorene
Concen: 0.415 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE099286.D
Acq: 3 Apr 2019 10:46

Tgt Ion:166 Resp: 14764
Ion Ratio Lower Upper
166 100
165 100.2 78.9 118.3
167 14.0 10.9 16.3



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. -0.03 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

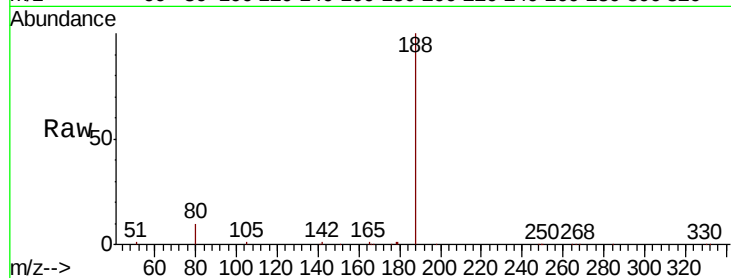
Tgt Ion:188 Resp: 26397

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

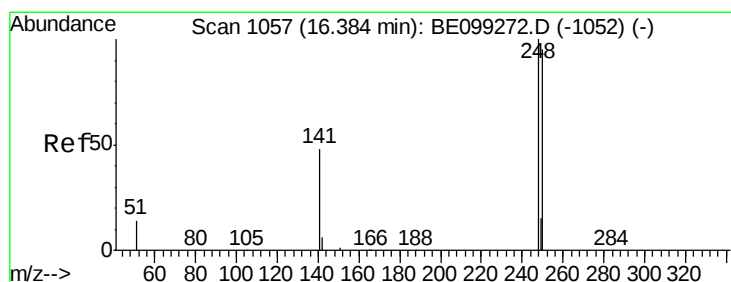
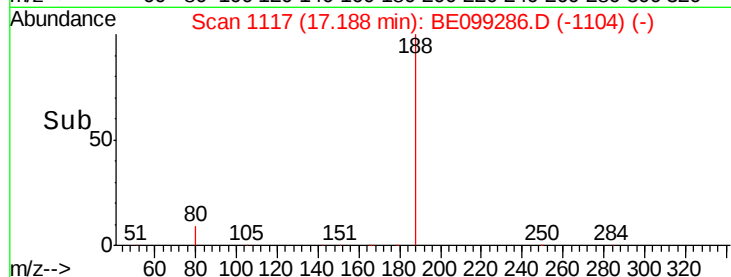
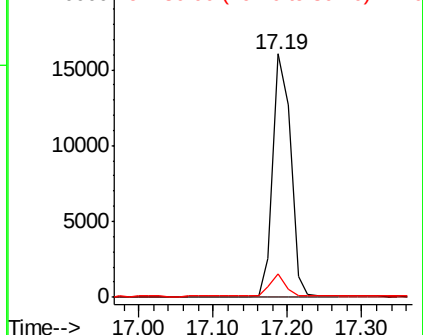
80 9.8 4.5 6.7#



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: 0.401 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

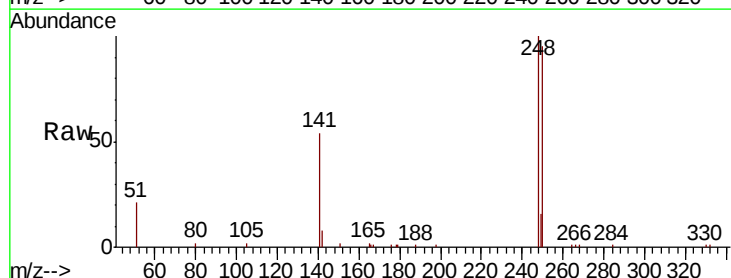
Tgt Ion:248 Resp: 6003

Ion Ratio Lower Upper

248 100

250 95.1 84.2 126.2

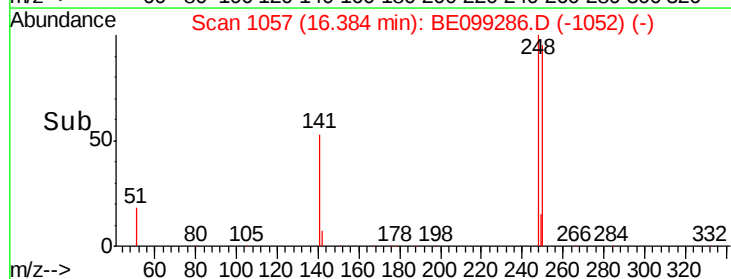
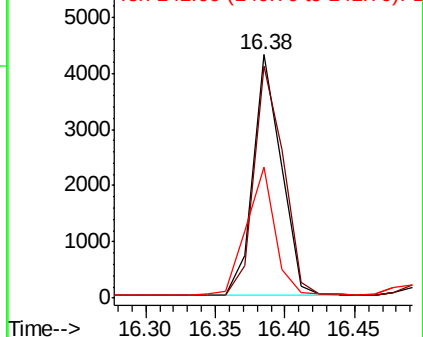
141 53.6 21.8 32.6#

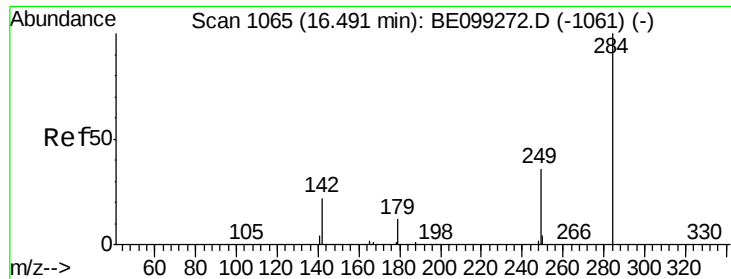


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.426 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.03 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

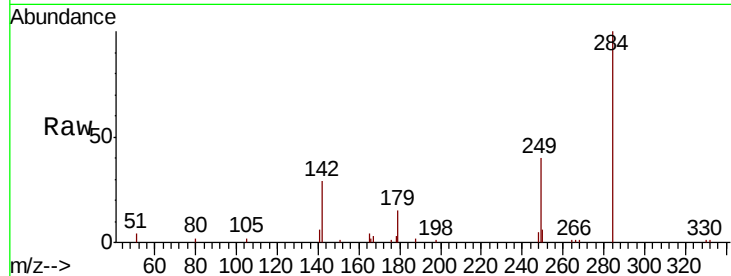
Tgt Ion:284 Resp: 6071

Ion Ratio Lower Upper

284 100

142 26.8 22.7 34.1

249 32.9 26.9 40.3

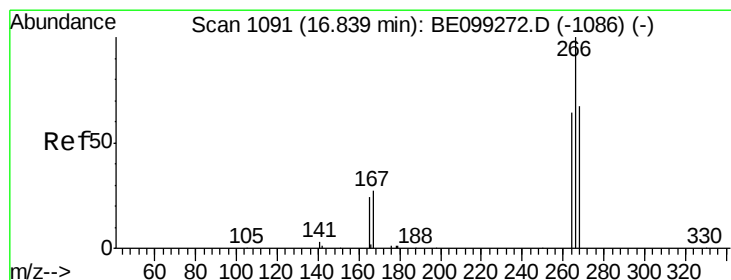
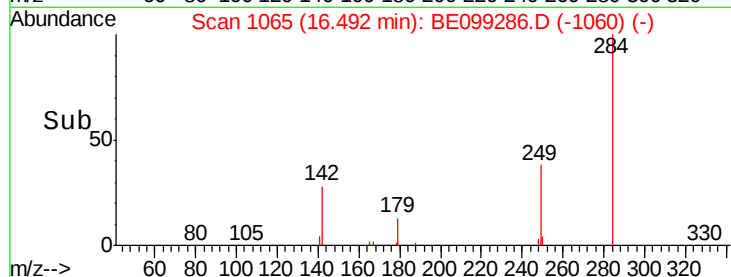
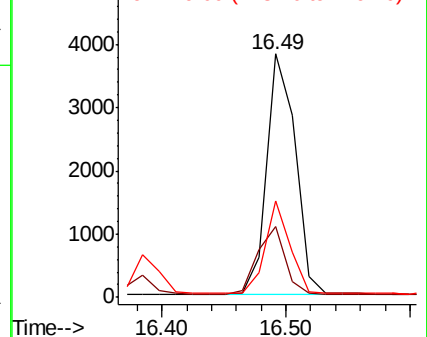


Abundance

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. -0.03 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

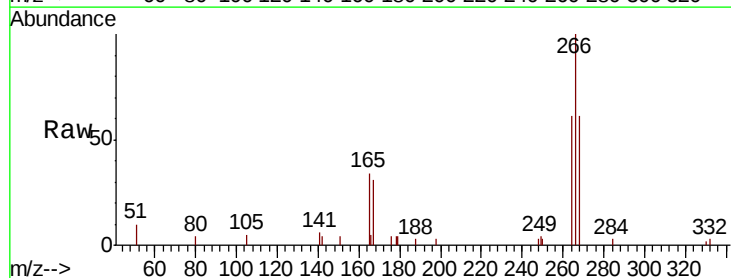
Tgt Ion:266 Resp: 2803

Ion Ratio Lower Upper

266 100

264 60.9 54.4 81.6

268 61.5 61.3 91.9

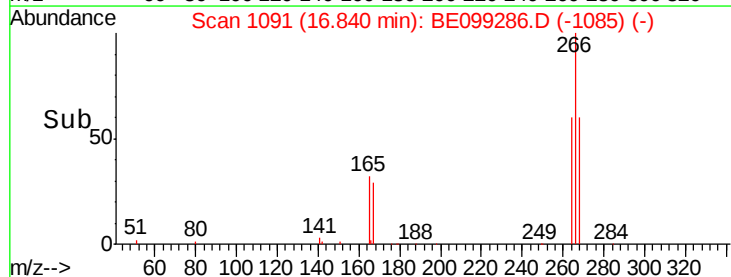
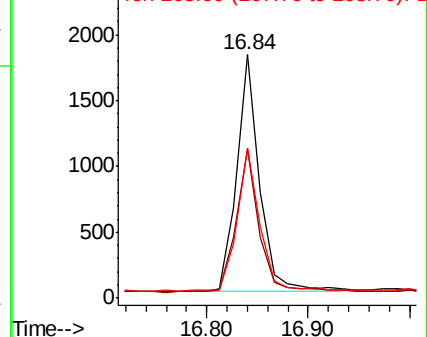


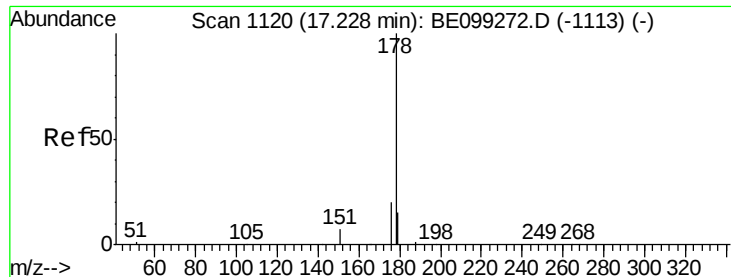
Abundance

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: 0.427 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.03 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

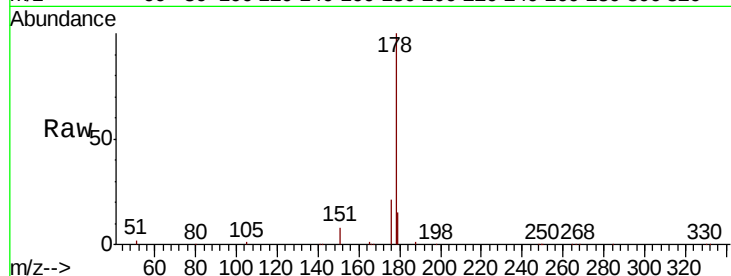
Tgt Ion:178 Resp: 29195

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

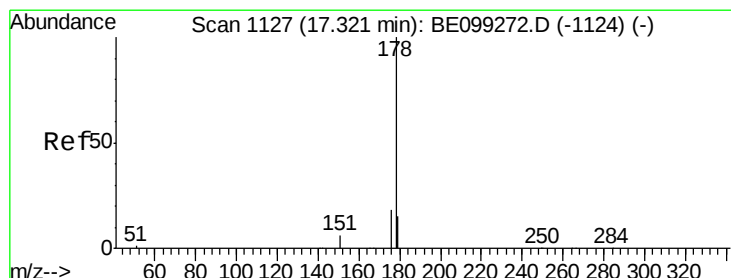
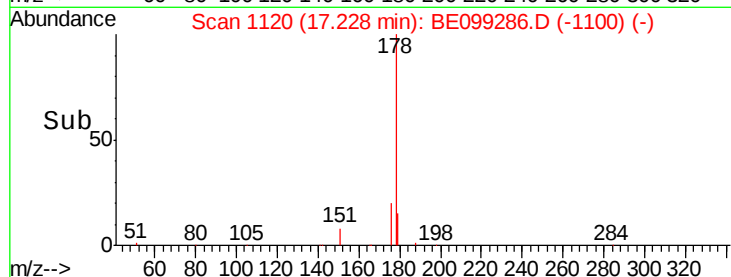
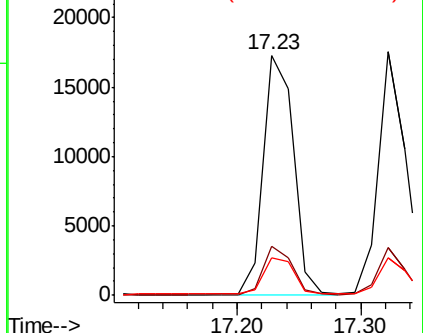
179 15.7 12.3 18.5



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



#24

Anthracene

Concen: 0.412 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

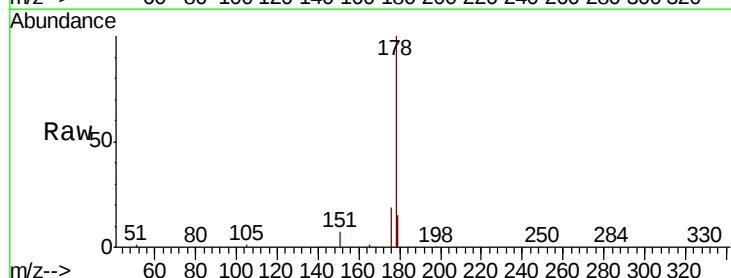
Tgt Ion:178 Resp: 26552

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

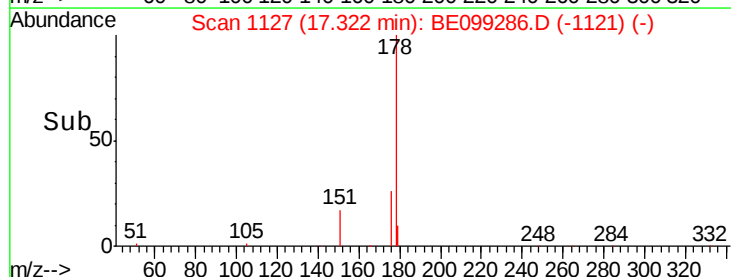
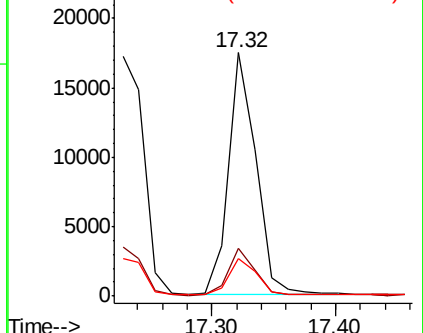
179 15.5 12.4 18.6

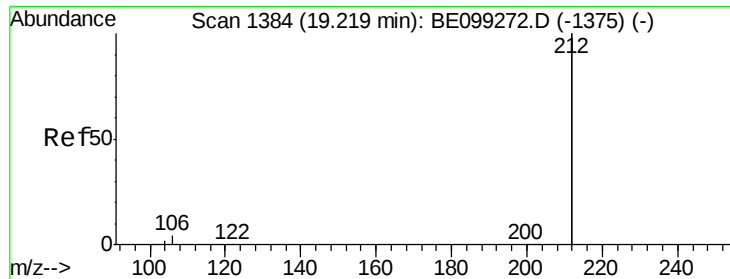


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.410 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

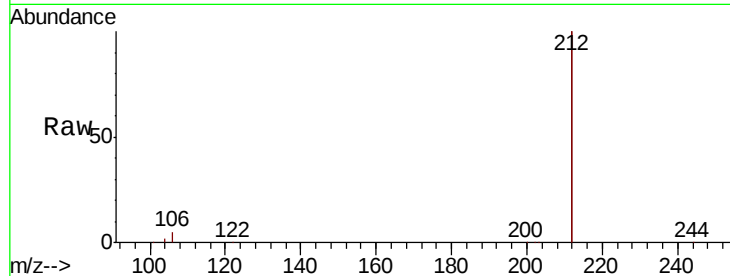
Tgt Ion:212 Resp: 142839

Ion Ratio Lower Upper

212 100

106 2.1 1.8 2.8

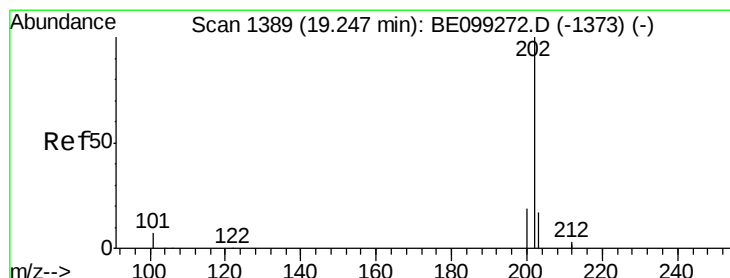
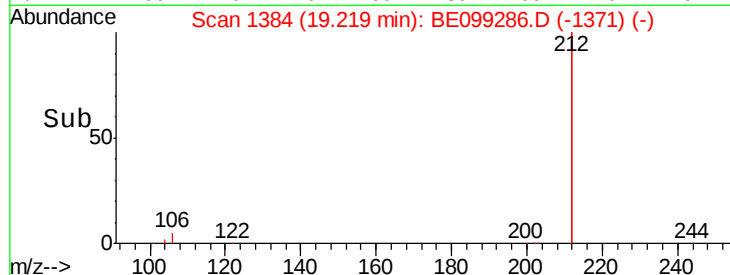
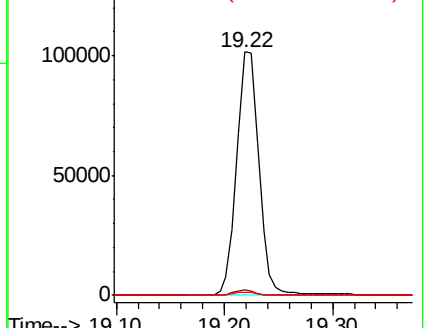
104 1.2 1.1 1.7



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: 0.416 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

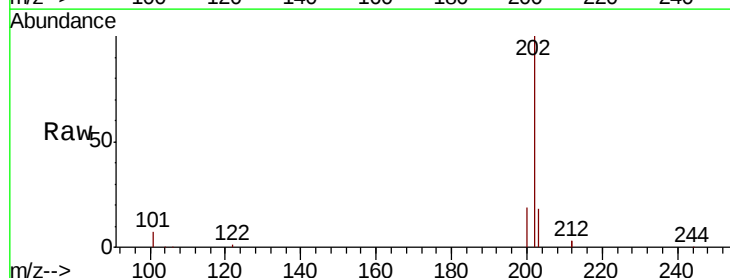
Tgt Ion:202 Resp: 41907

Ion Ratio Lower Upper

202 100

101 7.8 7.0 10.4

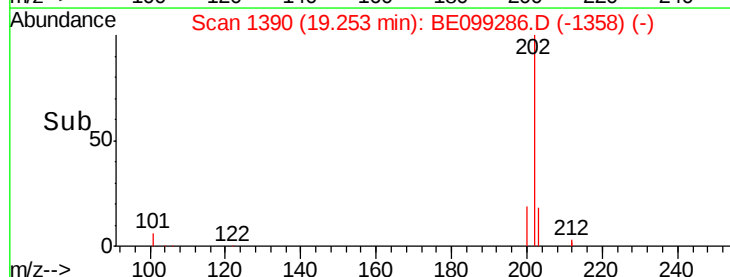
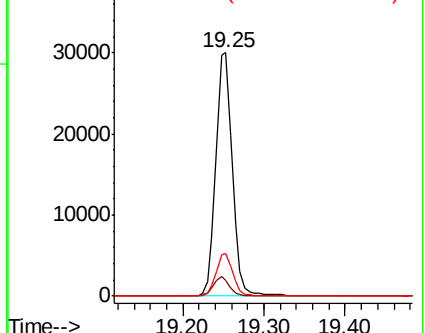
203 17.4 13.8 20.6

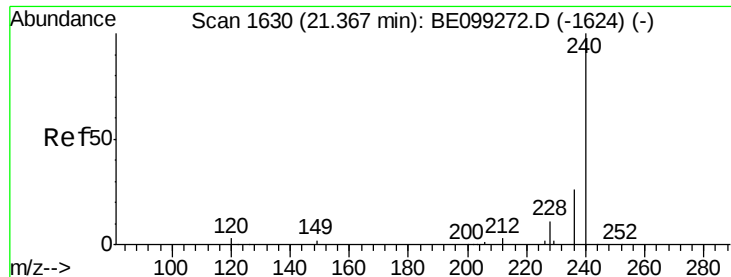


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

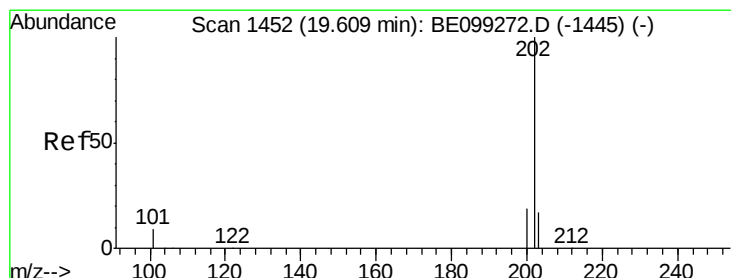
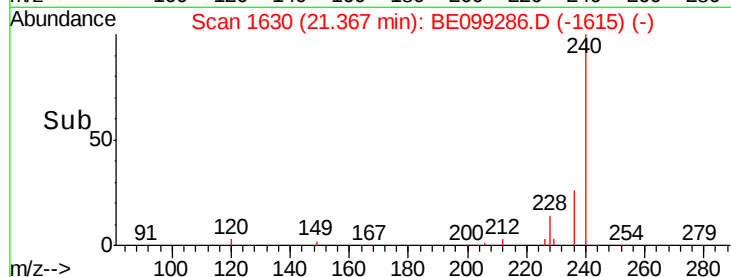
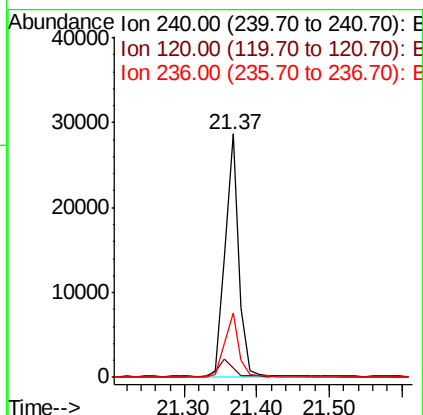
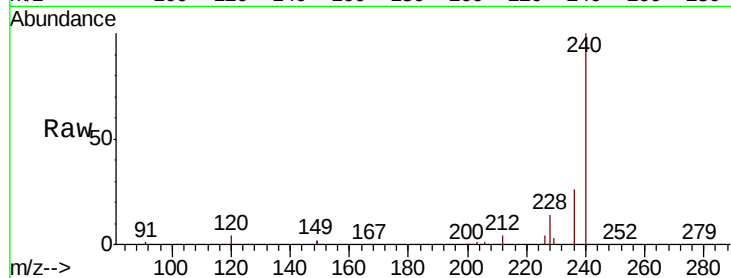




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.02 min
 Lab File: BE099286.D
 Acq: 3 Apr 2019 10:46

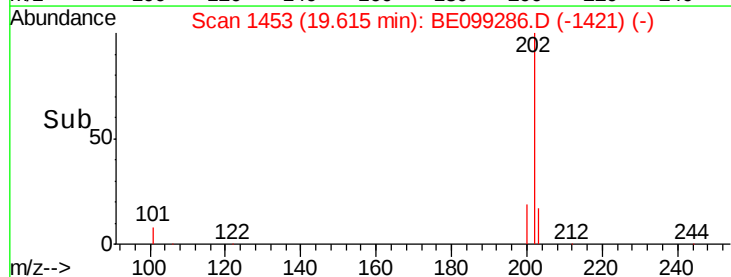
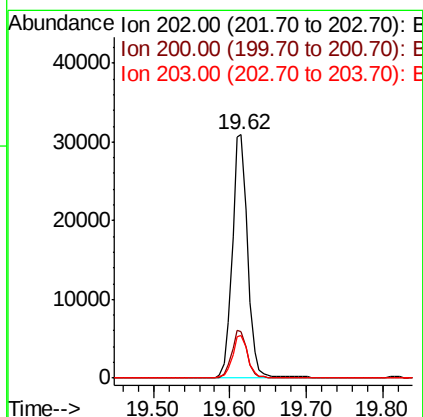
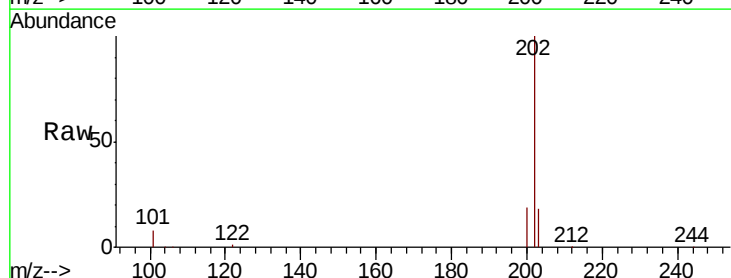
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

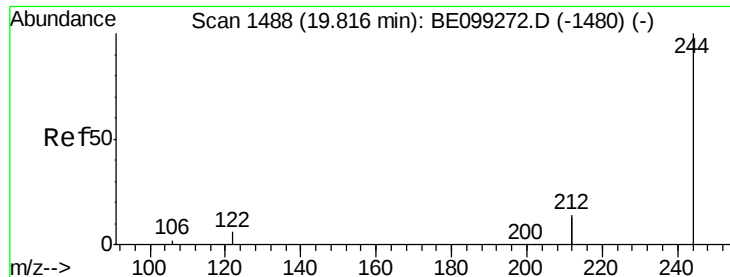
Tgt Ion:240 Resp: 38911
 Ion Ratio Lower Upper
 240 100
 120 3.9 2.6 3.8#
 236 26.4 20.9 31.3



#28
 Pyrene
 Concen: 0.422 ng
 RT: 19.62 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: BE099286.D
 Acq: 3 Apr 2019 10:46

Tgt Ion:202 Resp: 43368
 Ion Ratio Lower Upper
 202 100
 200 19.5 15.8 23.8
 203 17.3 14.1 21.1





#29

Terphenyl-d14

Concen: 0.432 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

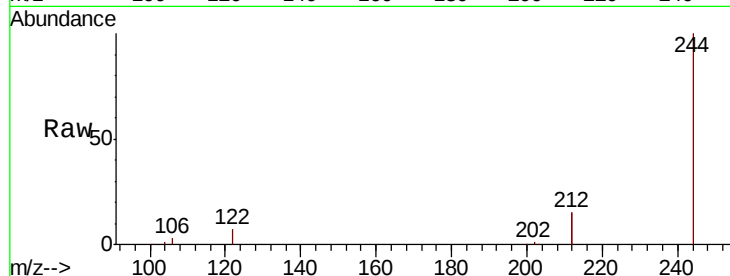
Tgt Ion:244 Resp: 30683

Ion Ratio Lower Upper

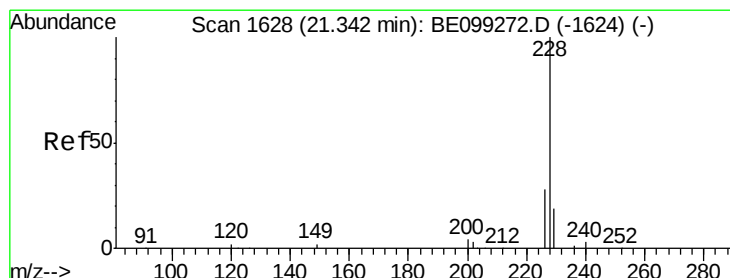
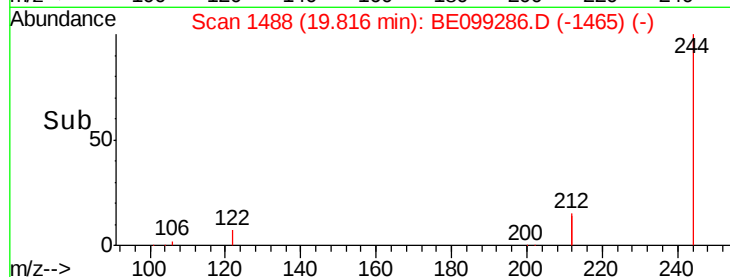
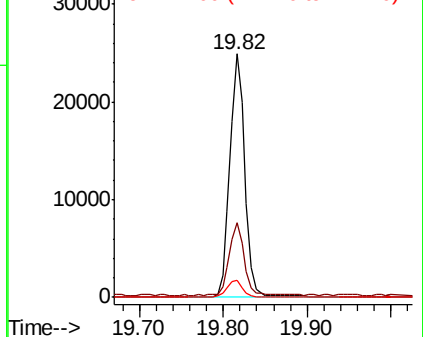
244 100

212 30.5 22.7 34.1

122 6.8 5.8 8.6



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: 0.414 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.02 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

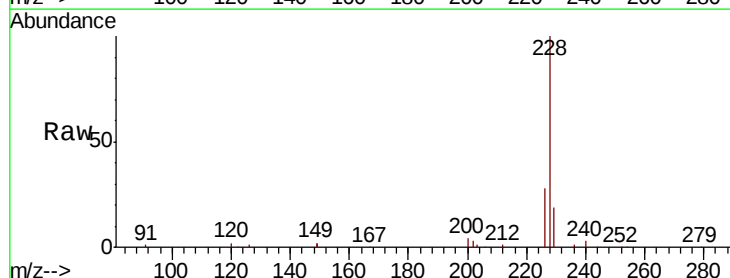
Tgt Ion:228 Resp: 50718

Ion Ratio Lower Upper

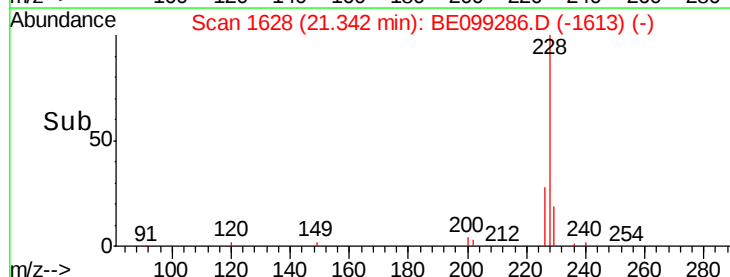
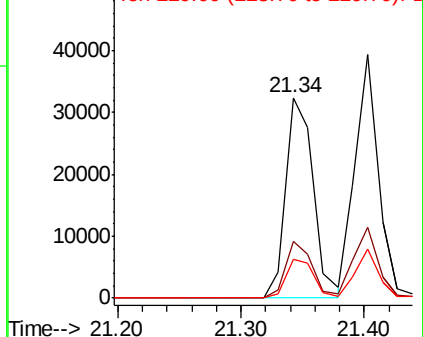
228 100

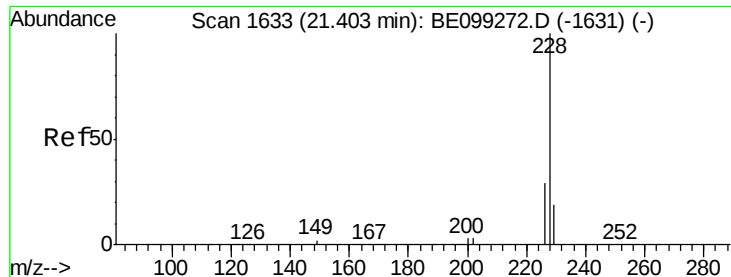
226 28.5 21.7 32.5

229 19.1 15.9 23.9



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: 0.430 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

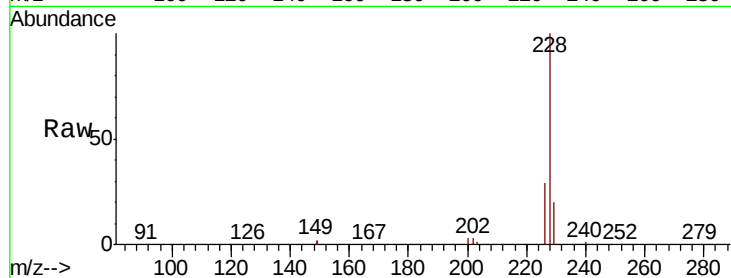
Tgt Ion:228 Resp: 51669

Ion Ratio Lower Upper

228 100

226 29.1 24.8 37.2

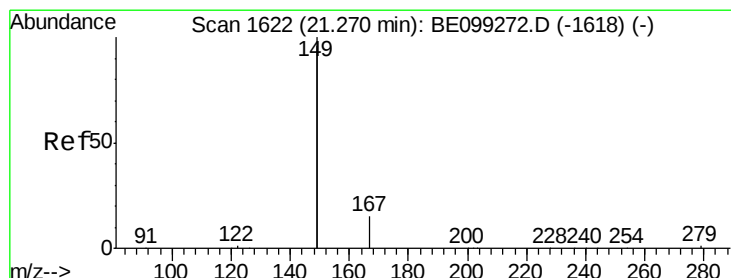
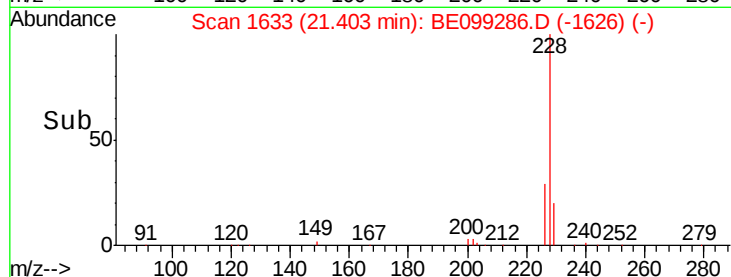
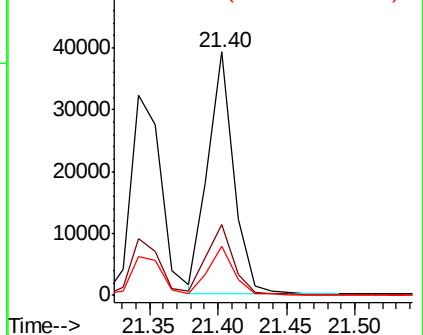
229 20.0 15.4 23.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.319 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.02 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

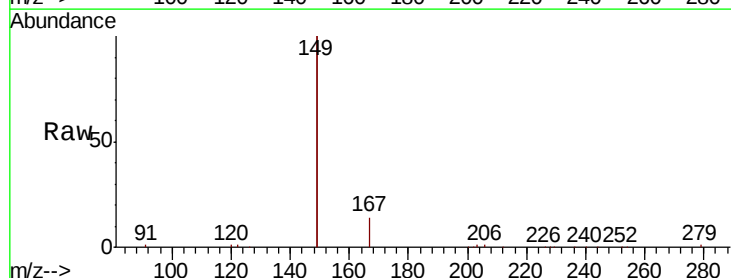
Tgt Ion:149 Resp: 49754

Ion Ratio Lower Upper

149 100

167 7.4 5.9 8.9

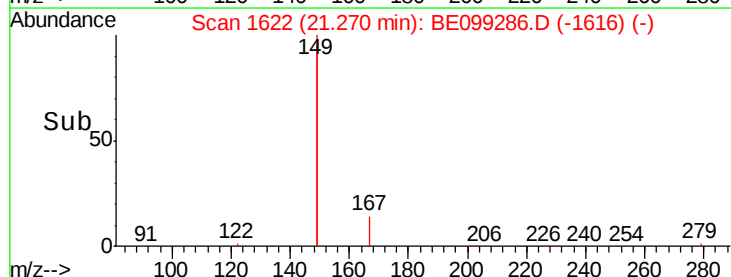
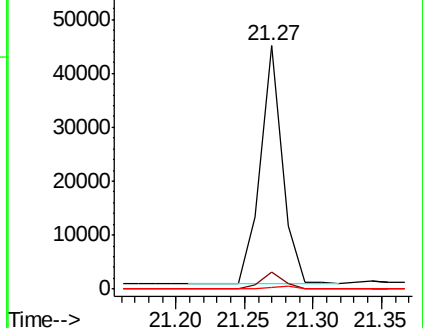
279 1.2 1.0 1.6

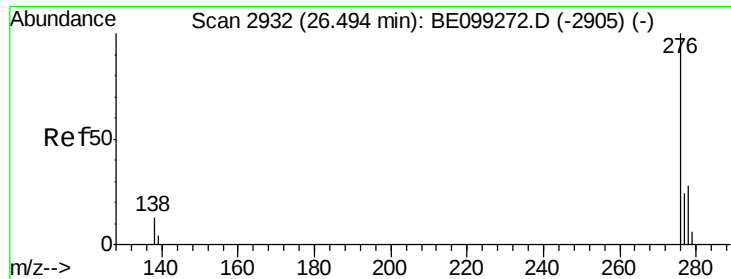


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.405 ng

RT: 26.50 min Scan# 2933

Delta R.T. -0.06 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

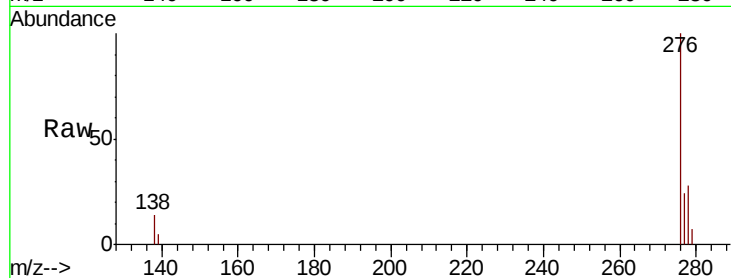
Tgt Ion:276 Resp: 55589

Ion Ratio Lower Upper

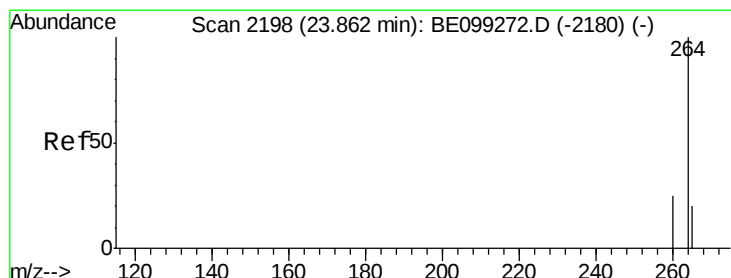
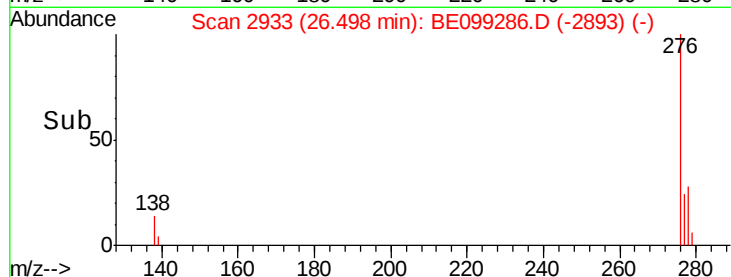
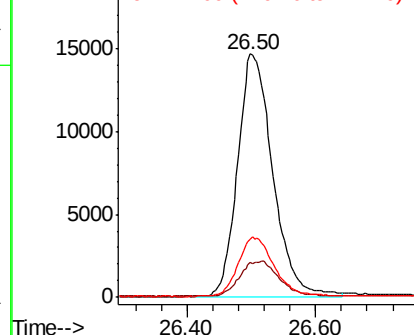
276 100

138 0.0 12.9 19.3#

277 24.8 18.3 27.5



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: 23.87 min Scan# 2199

Delta R.T. -0.03 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

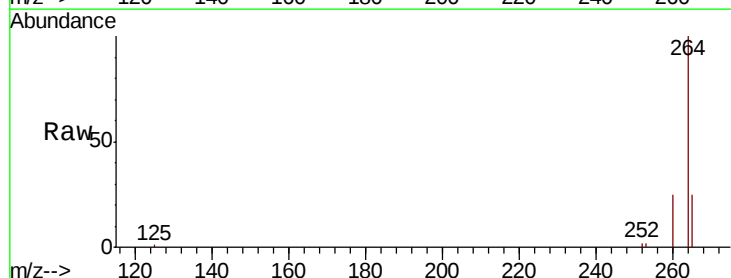
Tgt Ion:264 Resp: 39659

Ion Ratio Lower Upper

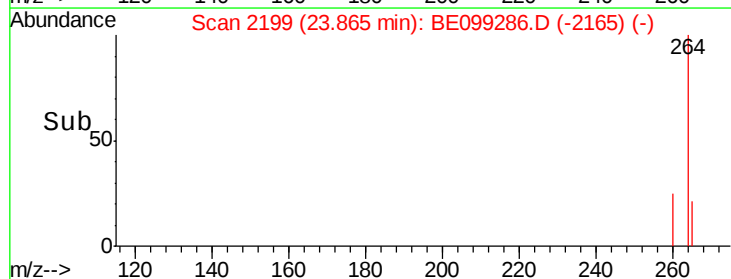
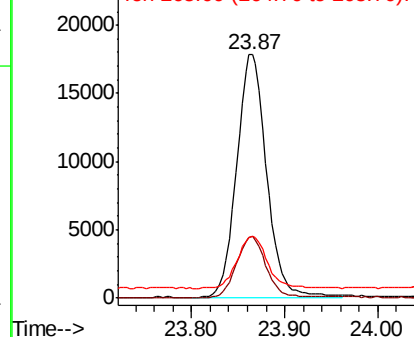
264 100

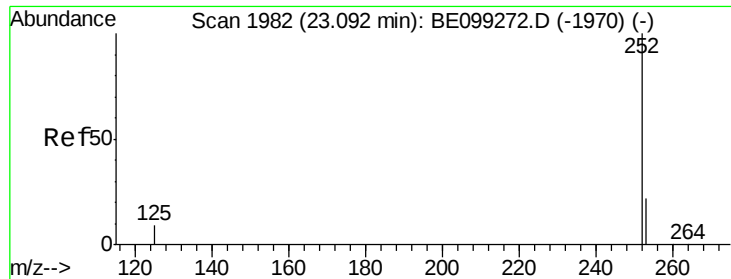
260 25.2 18.2 27.2

265 25.2 21.8 32.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.428 ng

RT: 23.14 min Scan# 1996

Delta R.T. 0.02 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

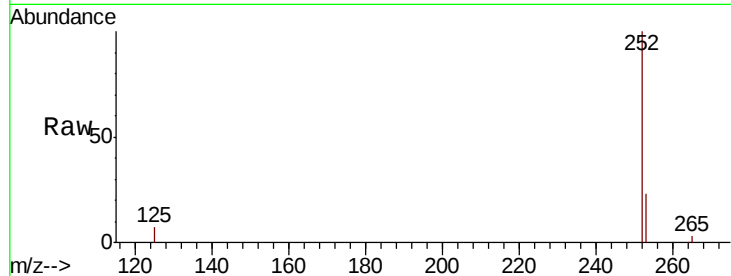
Tgt Ion:252 Resp: 50614

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

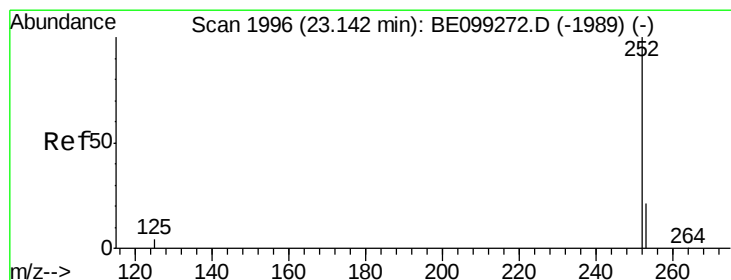
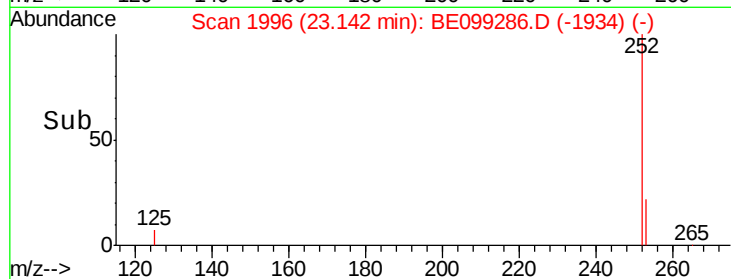
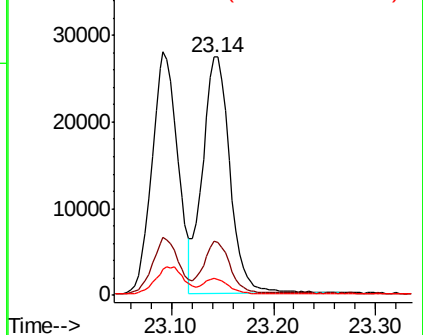
125 7.4 6.1 9.1



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



#36

Benzo(k)fluoranthene

Concen: 0.439 ng

RT: 23.14 min Scan# 1996

Delta R.T. -0.03 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

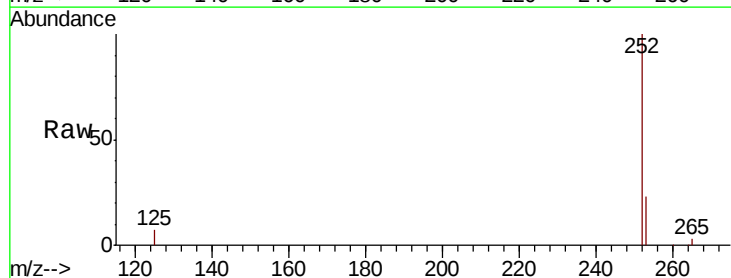
Tgt Ion:252 Resp: 50614

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

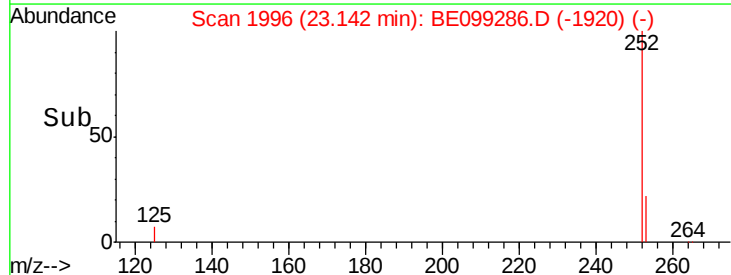
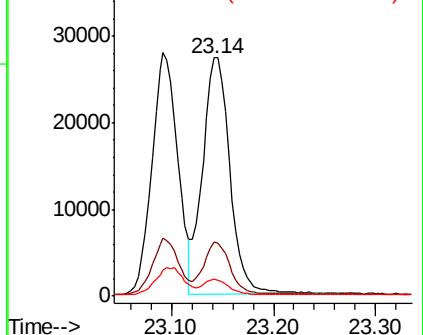
125 7.4 5.9 8.9

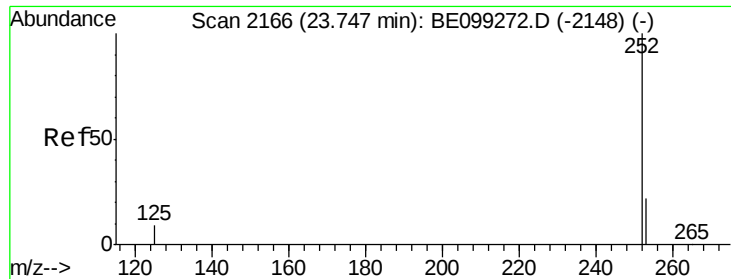


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.412 ng

RT: 23.75 min Scan# 2167

Delta R.T. -0.03 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

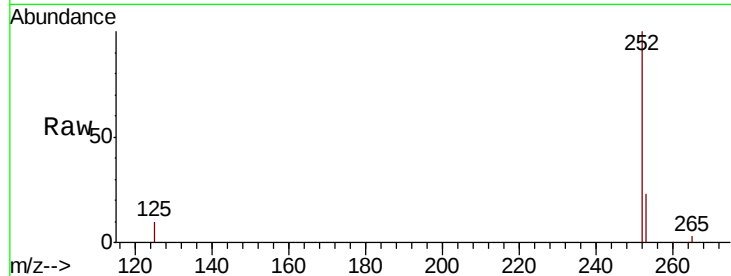
Tgt Ion:252 Resp: 45843

Ion Ratio Lower Upper

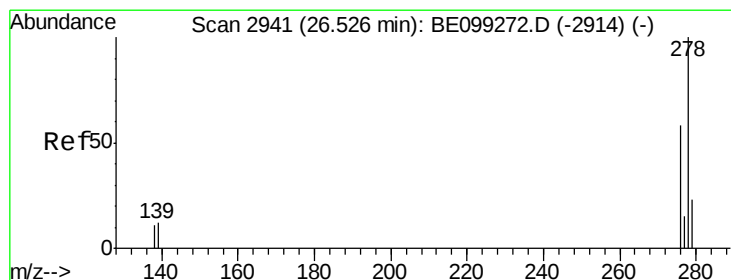
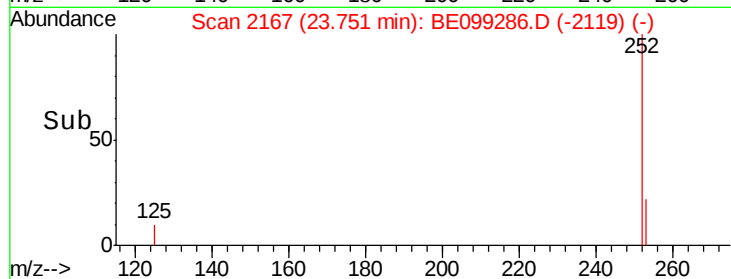
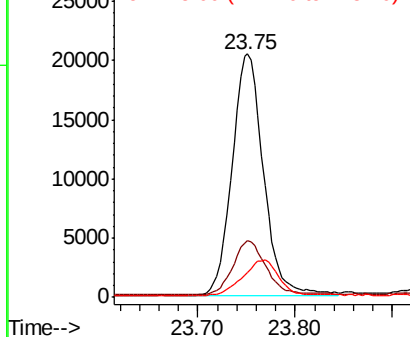
252 100

253 23.1 18.1 27.1

125 10.3 6.8 10.2#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.419 ng

RT: 26.53 min Scan# 2942

Delta R.T. -0.06 min

Lab File: BE099286.D

Acq: 3 Apr 2019 10:46

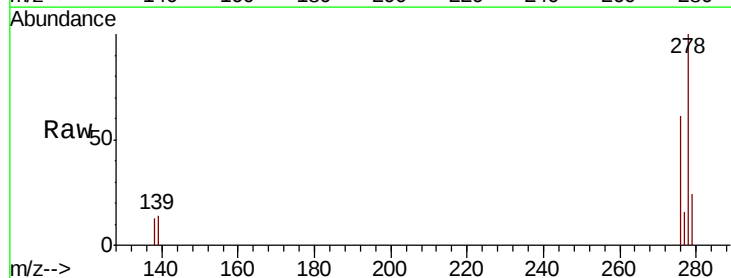
Tgt Ion:278 Resp: 46404

Ion Ratio Lower Upper

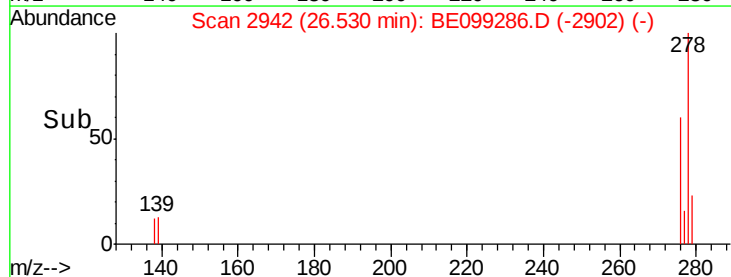
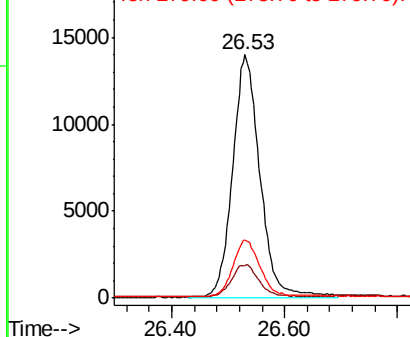
278 100

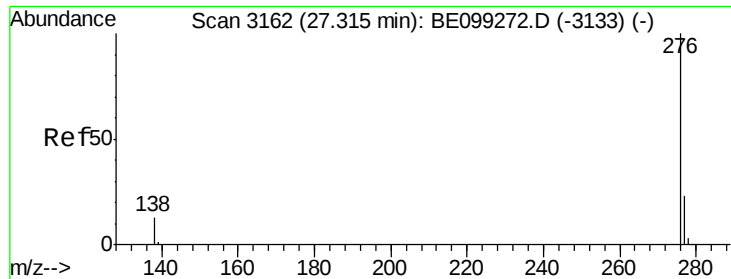
139 13.6 9.5 14.3

279 23.9 19.1 28.7



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: 0.414 ng

RT: 27.32 min Scan# 3164

Delta R.T. -0.05 min

Lab File: BE099286.D

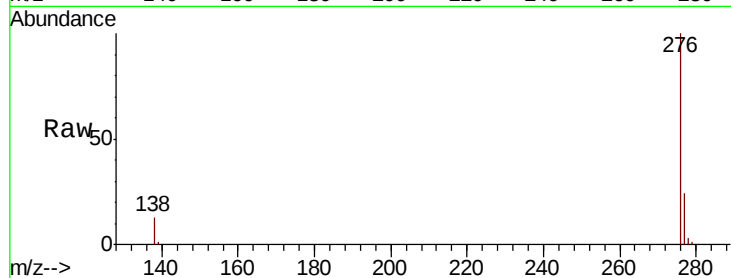
Acq: 3 Apr 2019 10:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 45664

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 13.5 11.1 16.7

