

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\
 Data File : BE099386.D
 Acq On : 26 Apr 2019 19:55
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Apr 27 05:07:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 06:51:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3744	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	14856	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	9974	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	26281	0.40	ng	0.01
27) Chrysene-d12	21.37	240	33565	0.40	ng	0.00
34) Perylene-d12	23.87	264	34942	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	4429	0.48	ng	0.01
5) Phenol-d6	6.97	99	6457	0.49	ng	0.00
8) Nitrobenzene-d5	8.96	82	5760	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	10667	0.41	ng	0.01
14) 2,4,6-Tribromophenol	15.94	330	2319	0.70	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	16559	0.42	ng	0.00
25) Fluoranthene-d10	19.22	212	135210	0.43	ng	0.00
29) Terphenyl-d14	19.82	244	27413	0.41	ng	0.00

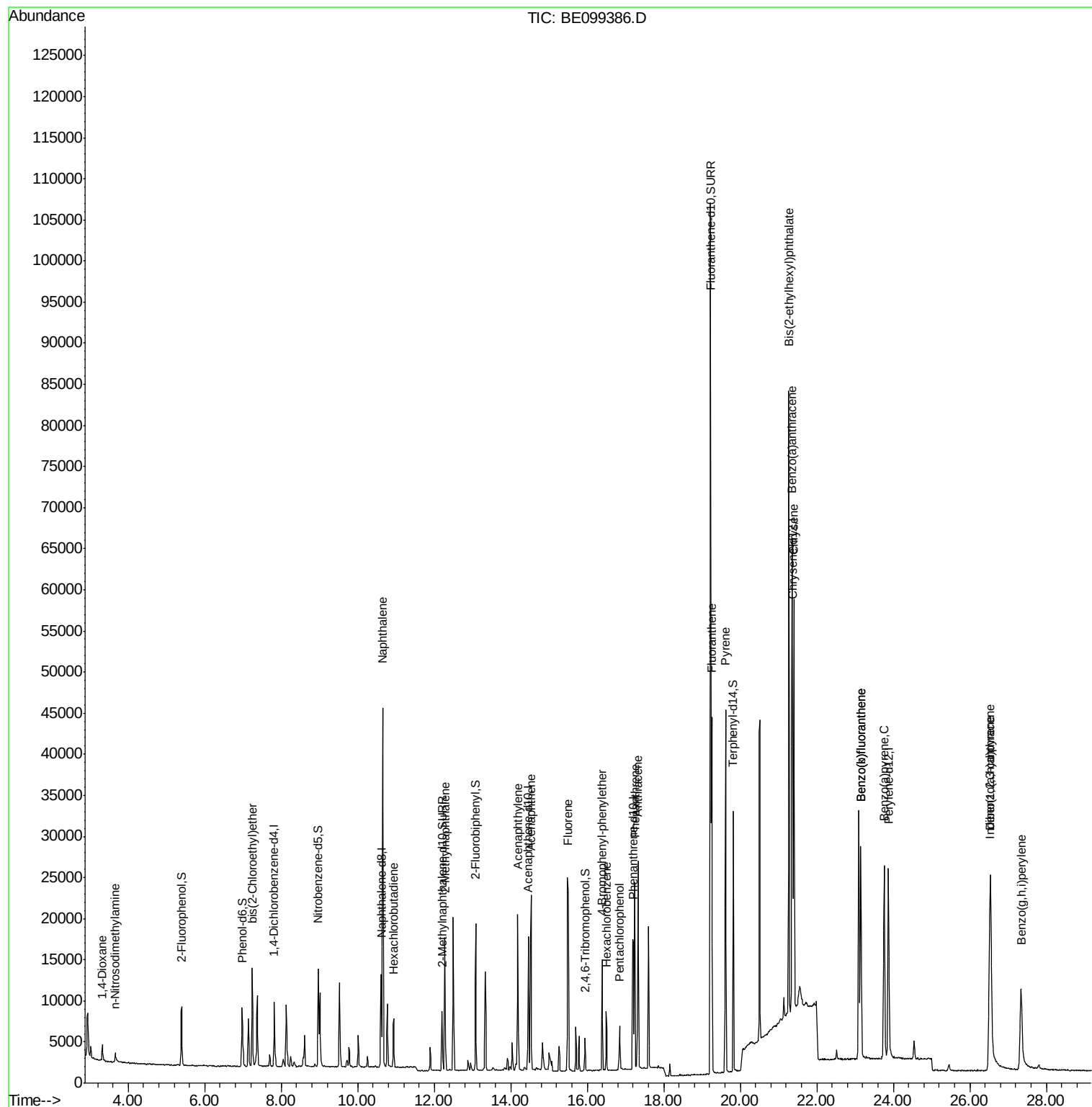
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	1834	0.350	ng	# 91
3) n-Nitrosodimethylamine	3.65	42	1113	0.395	ng	# 1
6) bis(2-Chloroethyl)ether	7.24	93	4789	0.393	ng	95
9) Naphthalene	10.65	128	70615	0.436	ng	100
10) Hexachlorobutadiene	10.94	225	4465	0.434	ng	96
12) 2-Methylnaphthalene	12.28	142	11971	0.434	ng	97
16) Acenaphthylene	14.18	152	20494	0.455	ng	99
17) Acenaphthene	14.53	154	11634	0.419	ng	97
18) Fluorene	15.50	166	16174	0.405	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	6589	0.452	ng	# 91
21) Hexachlorobenzene	16.49	284	6362	0.455	ng	99
22) Pentachlorophenol	16.84	266	2967	0.745	ng	95
23) Phenanthrene	17.24	178	28298	0.407	ng	100
24) Anthracene	17.32	178	26948	0.435	ng	99
26) Fluoranthene	19.25	202	38705	0.416	ng	99
28) Pyrene	19.61	202	40086	0.405	ng	99
30) Benzo(a)anthracene	21.35	228	44465	0.451	ng	98
31) Chrysene	21.40	228	42830	0.408	ng	98
32) Bis(2-ethylhexyl)phthalate	21.27	149	78612	0.876	ng	100
33) Indeno(1,2,3-cd)pyrene	26.52	276	42236	0.407	ng	97
35) Benzo(b)fluoranthene	23.15	252	39523	0.369	ng	96
36) Benzo(k)fluoranthene	23.15	252	39523	0.371	ng	98
37) Benzo(a)pyrene	23.76	252	38916	0.406	ng	# 91
38) Dibenzo(a,h)anthracene	26.54	278	34992	0.357	ng	# 96
39) Benzo(g,h,i)perylene	27.34	276	31280	0.315	ng	96

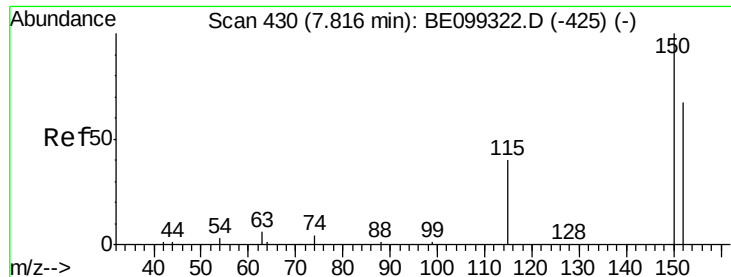
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE099386.D

Acq: 26 Apr 2019 19:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

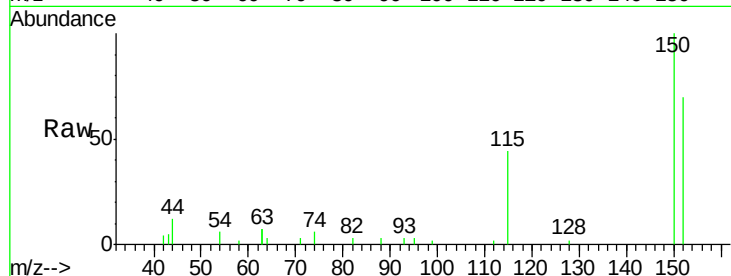
Tot Ion:152 Resp: 3744

Ion Ratio Lower Upper

152 100

150 142.3 119.5 179.3

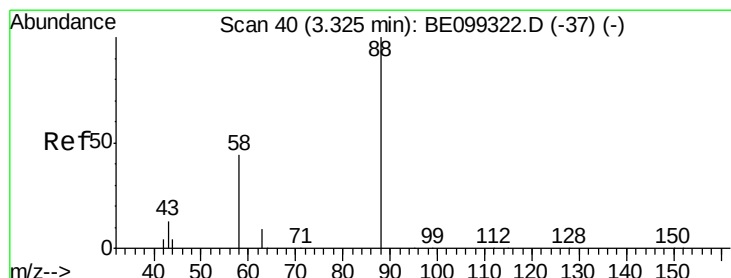
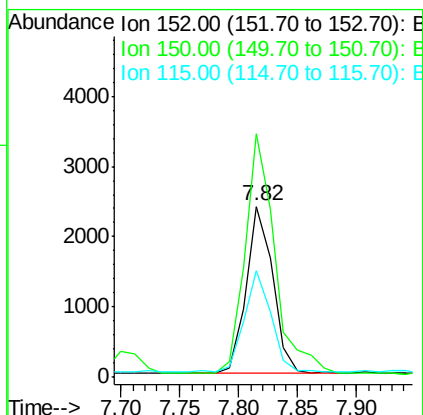
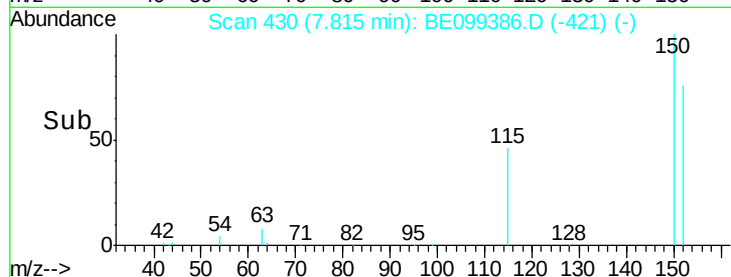
115 62.4 47.5 71.3



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: 0.350 ng

RT: 3.32 min Scan# 40

Delta R.T. -0.00 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

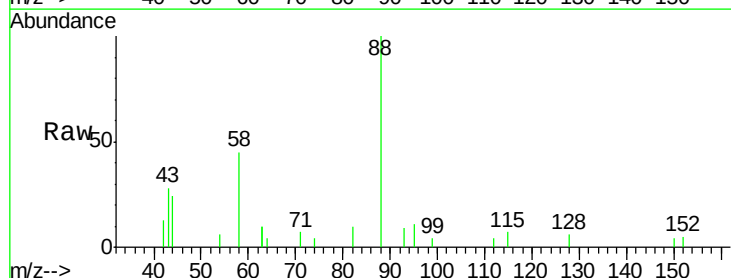
Tgt Ion: 88 Resp: 1834

Ion Ratio Lower Upper

88 100

58 55.1 49.1 73.7

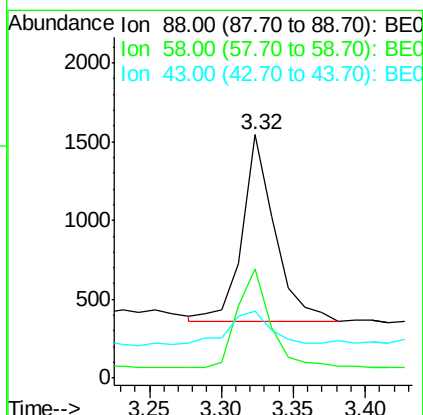
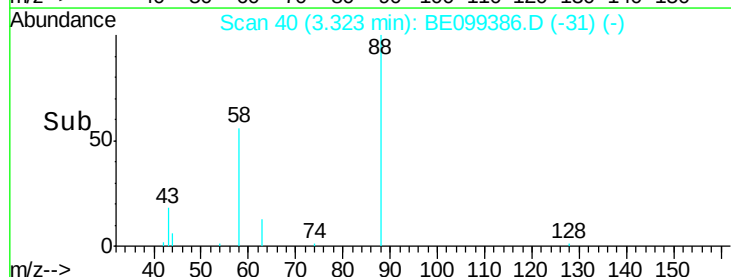
43 27.4 17.9 26.9#

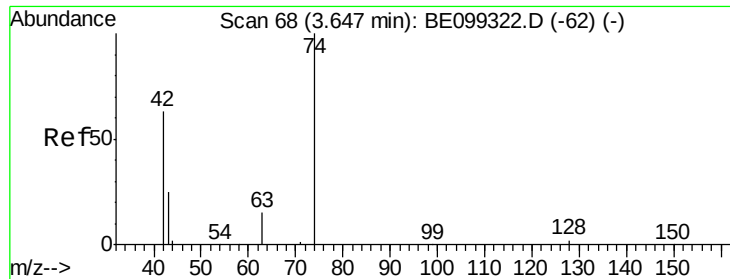


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.395 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

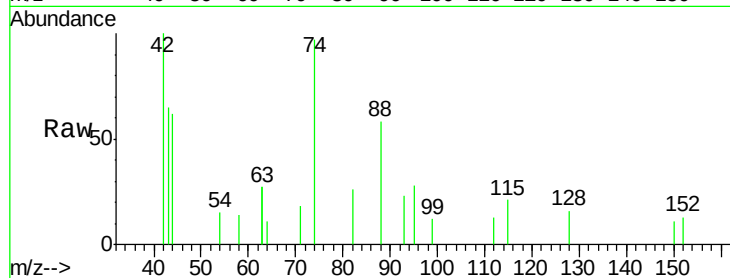
Tot Ion: 42 Resp: 1113

Ion Ratio Lower Upper

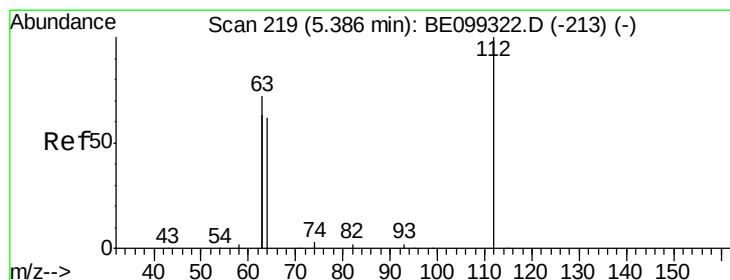
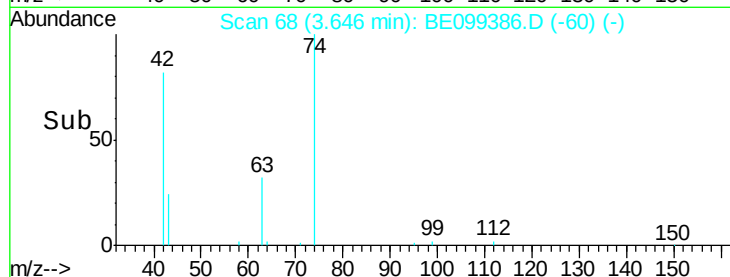
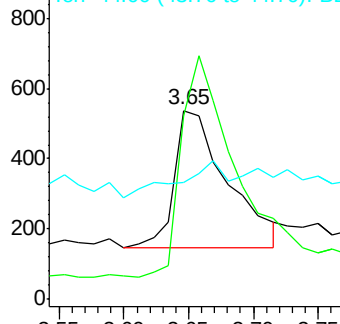
42 100

74 0.0 145.8 218.8#

44 0.0 9.0 13.4#



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: 0.484 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

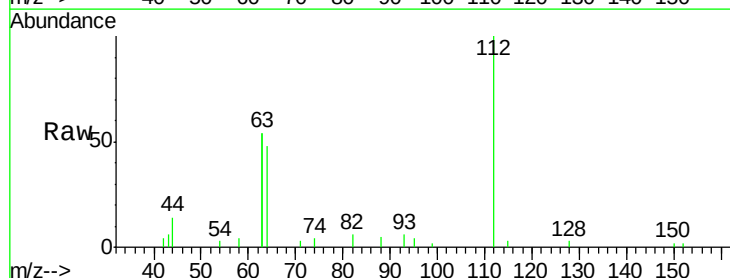
Tgt Ion: 112 Resp: 4429

Ion Ratio Lower Upper

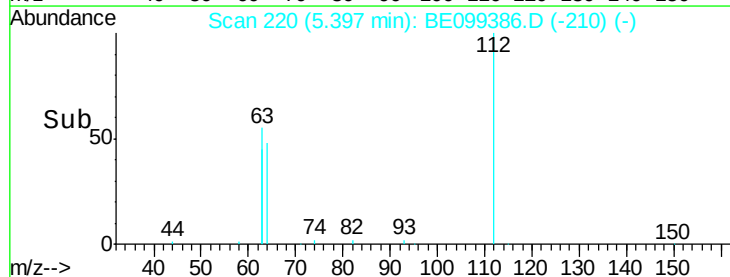
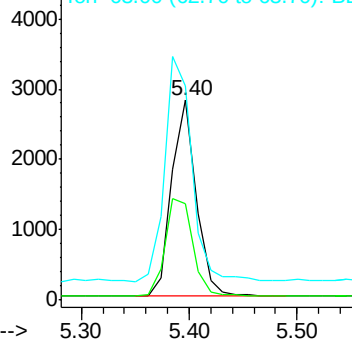
112 100

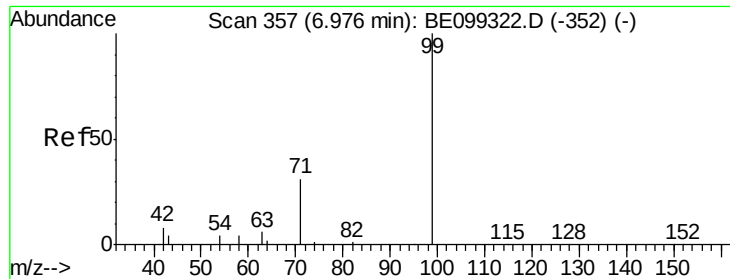
64 56.5 44.9 67.3

63 123.7 97.4 146.0



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: 0.495 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

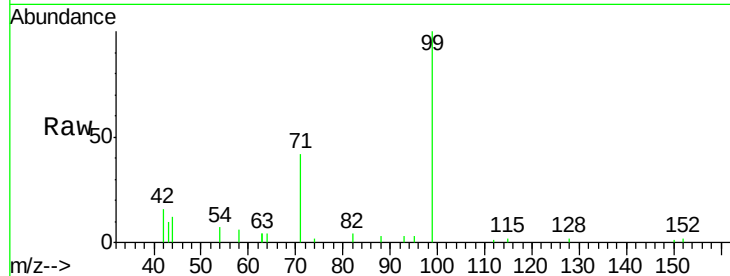
Tot Ion: 99 Resp: 6457

Ion Ratio Lower Upper

99 100

42 16.0 11.7 17.5

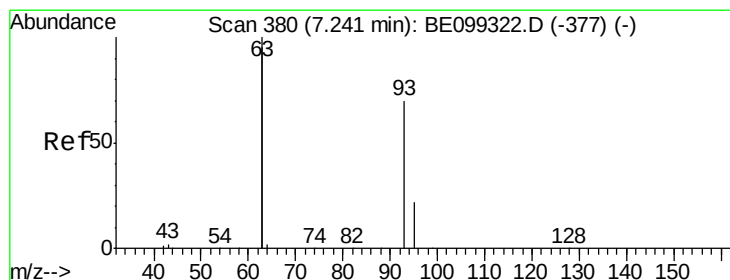
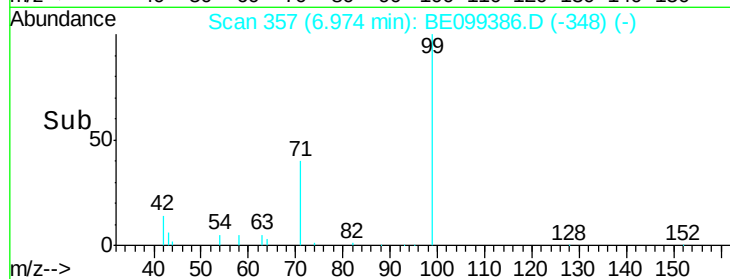
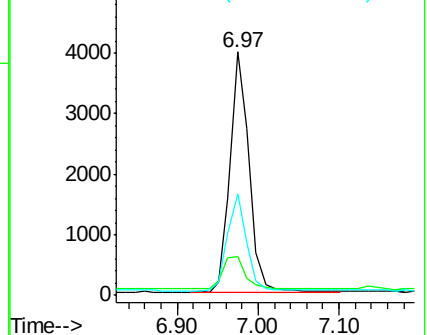
71 40.0 29.6 44.4



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: 0.393 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

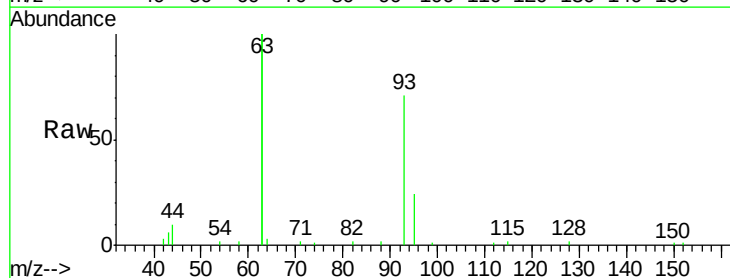
Tgt Ion: 93 Resp: 4789

Ion Ratio Lower Upper

93 100

63 261.6 216.6 324.8

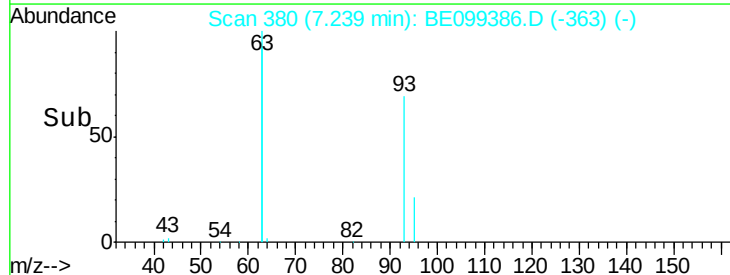
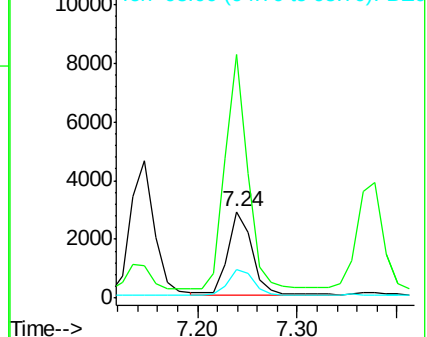
95 33.0 25.8 38.6

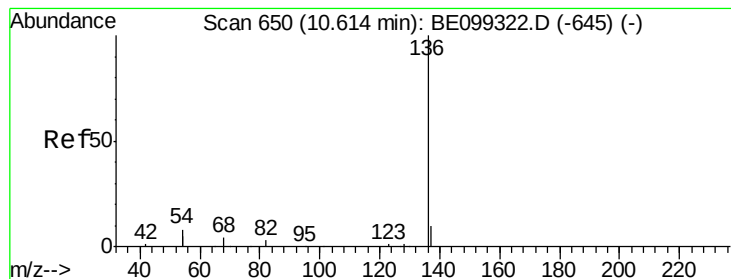


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099386.D

Acq: 26 Apr 2019 19:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 14856

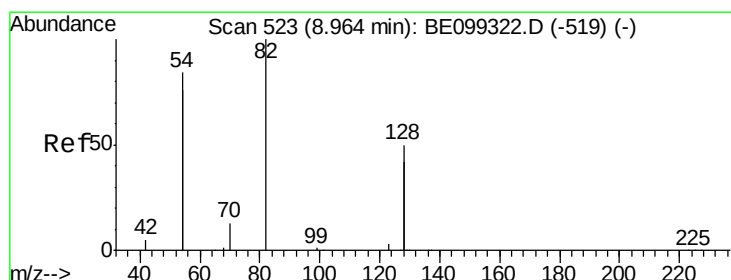
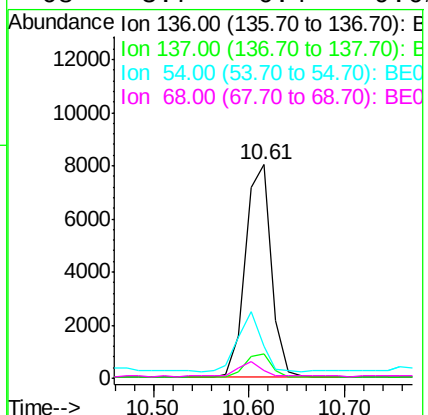
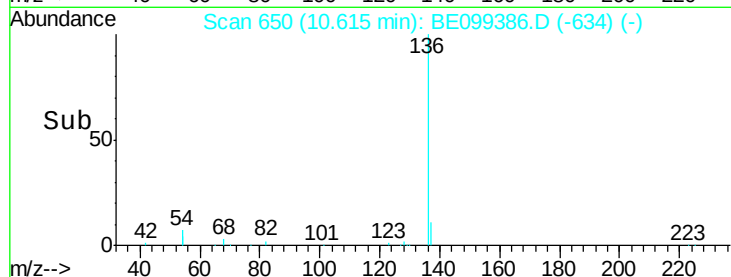
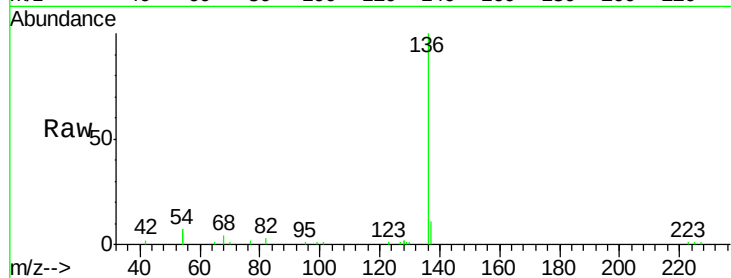
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 14.9 23.8 35.8#

68 3.7 6.4 9.6#



#8

Nitrobenzene-d5

Concen: 0.499 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

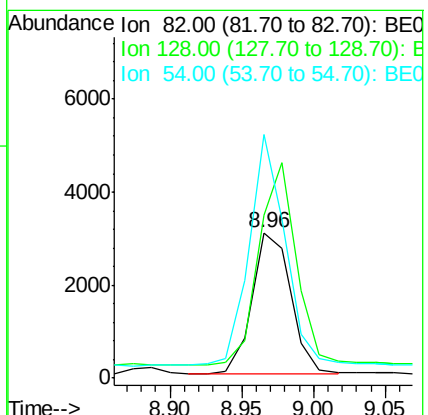
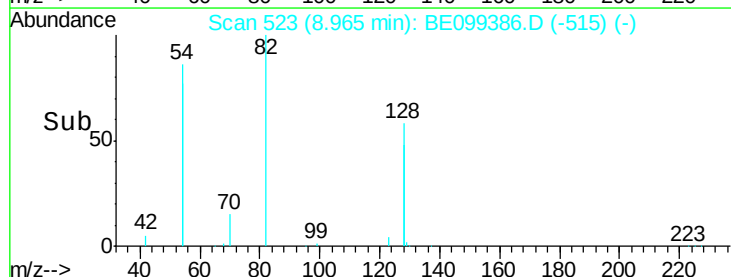
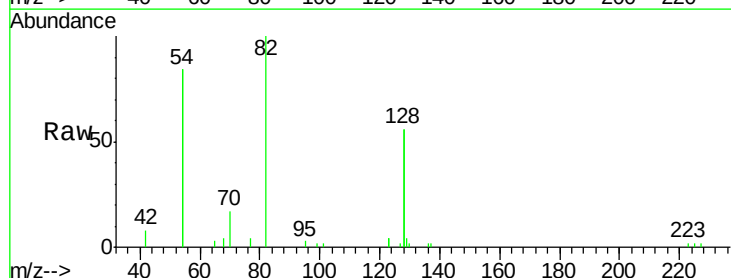
Tgt Ion: 82 Resp: 5760

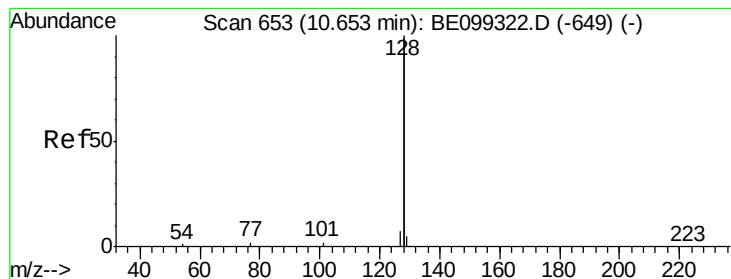
Ion Ratio Lower Upper

82 100

128 112.0 91.7 137.5

54 167.2 122.8 184.2





#9

Naphthalene

Concen: 0.436 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

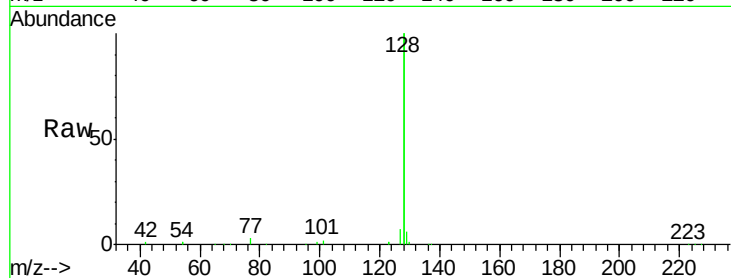
Tot Ion:128 Resp: 70615

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

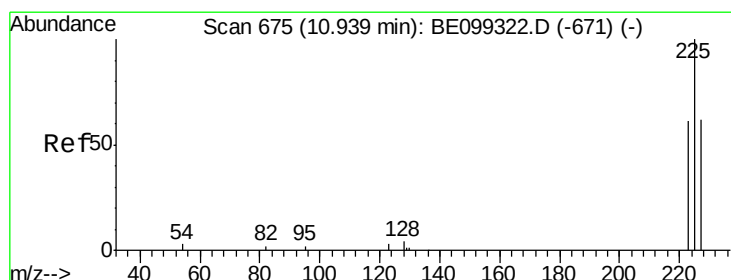
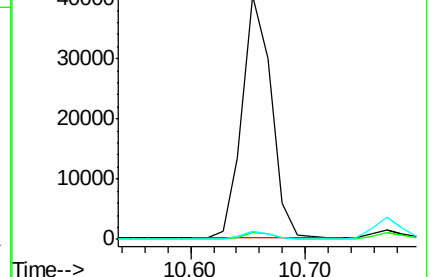
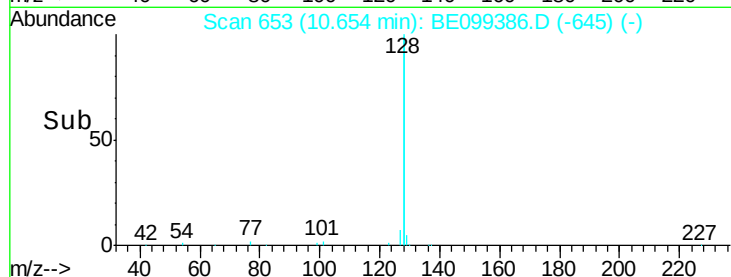
127 3.5 2.8 4.2



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: 0.434 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

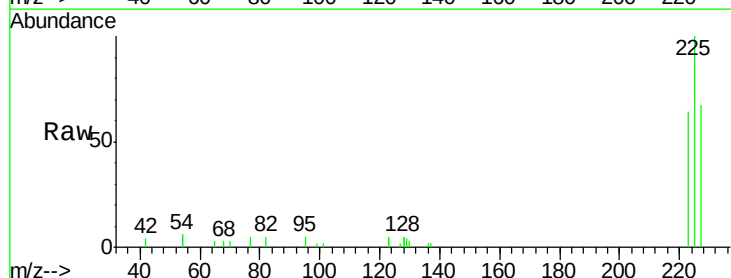
Tgt Ion:225 Resp: 4465

Ion Ratio Lower Upper

225 100

223 65.5 50.3 75.5

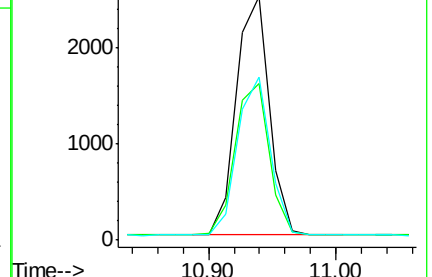
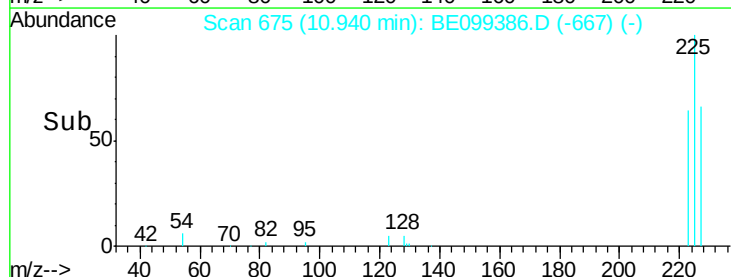
227 65.7 49.4 74.0

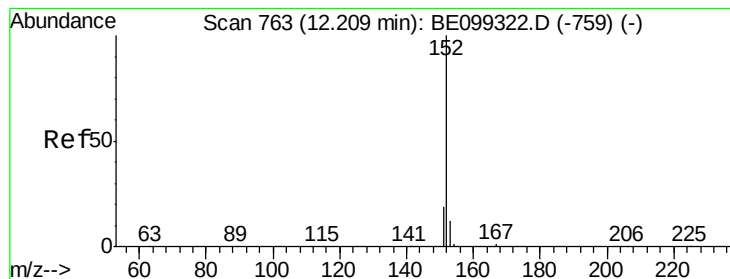


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.407 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

Instrument :

BNA_E

ClientSampleId :

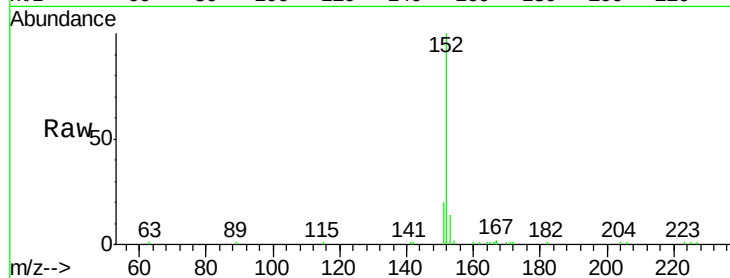
SSTDCCC0.4EC

Tot Ion:152 Resp: 10667

Ion Ratio Lower Upper

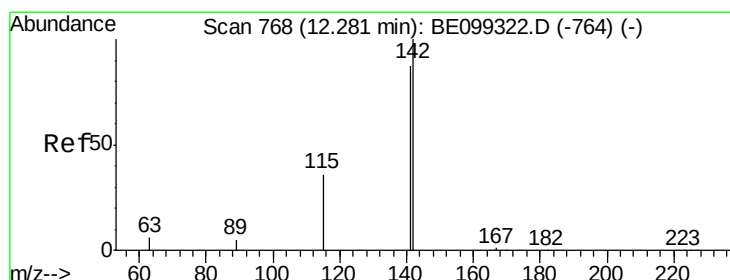
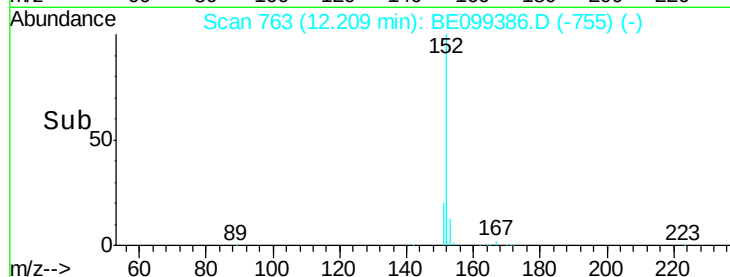
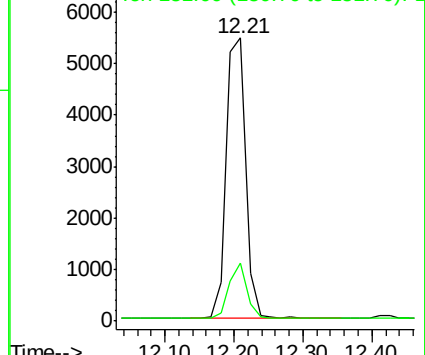
152 100

151 18.5 14.9 22.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.434 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

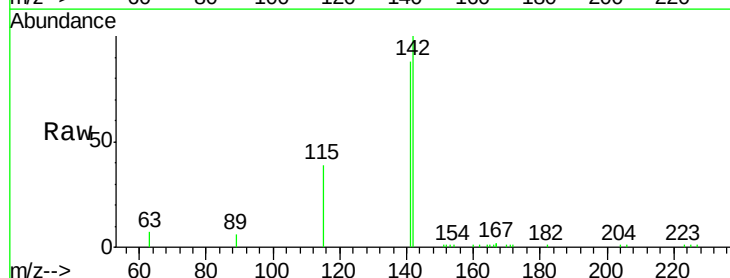
Tgt Ion:142 Resp: 11971

Ion Ratio Lower Upper

142 100

141 88.3 72.0 108.0

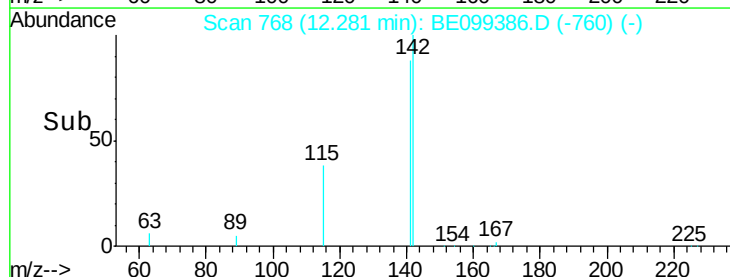
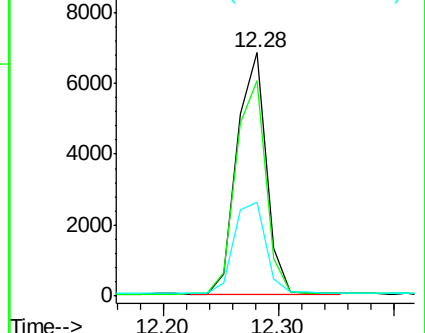
115 38.6 33.4 50.0

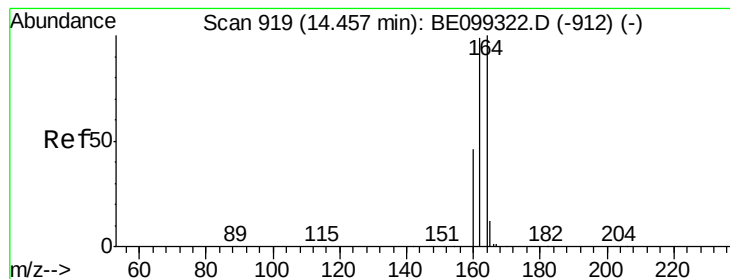


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

Instrument :

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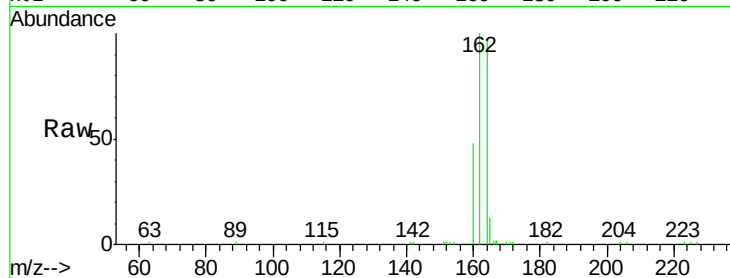
Tot Ion:164 Resp: 9974

Ion Ratio Lower Upper

164 100

162 103.1 77.8 116.6

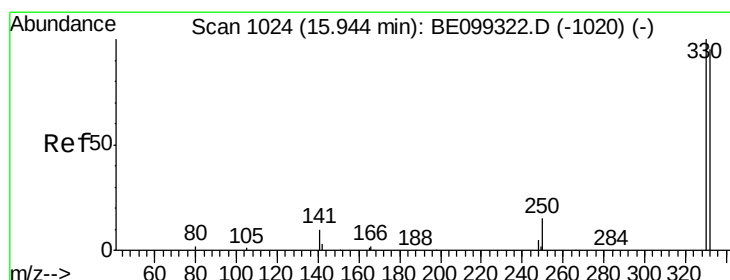
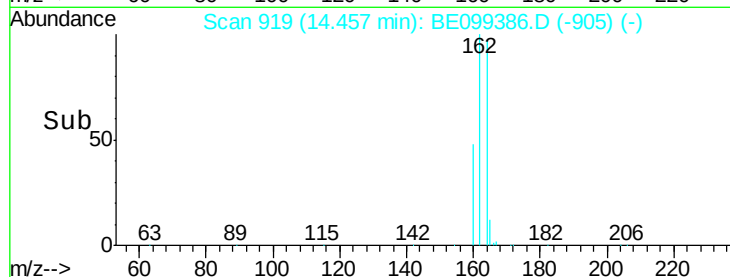
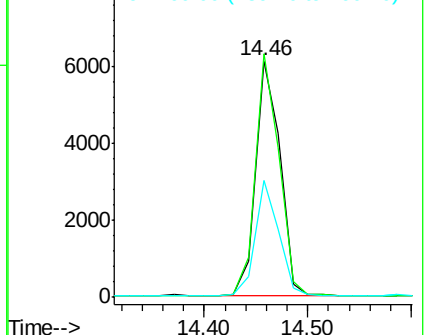
160 49.6 37.1 55.7



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: 0.700 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

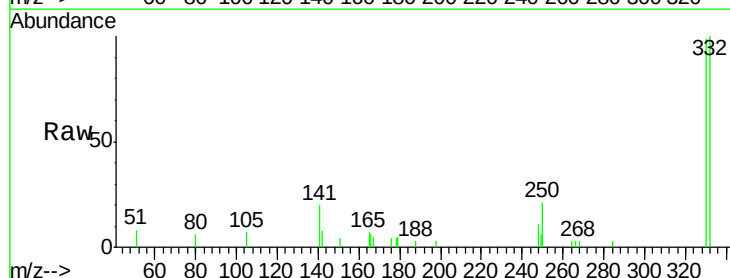
Tgt Ion:330 Resp: 2319

Ion Ratio Lower Upper

330 100

332 98.8 82.5 123.7

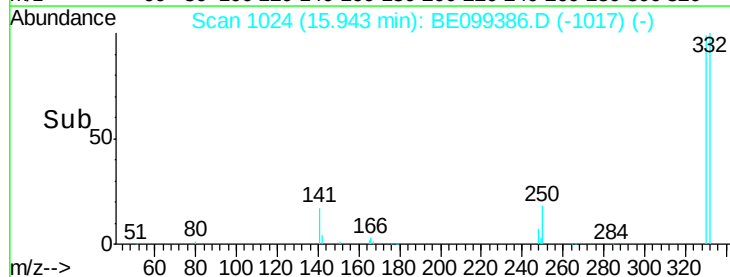
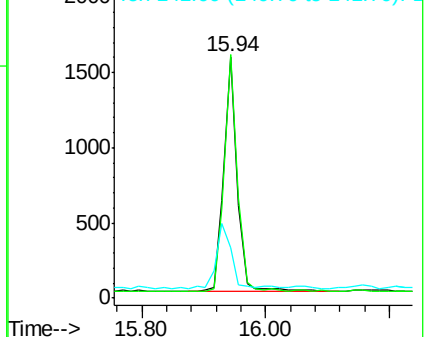
141 30.2 24.9 37.3

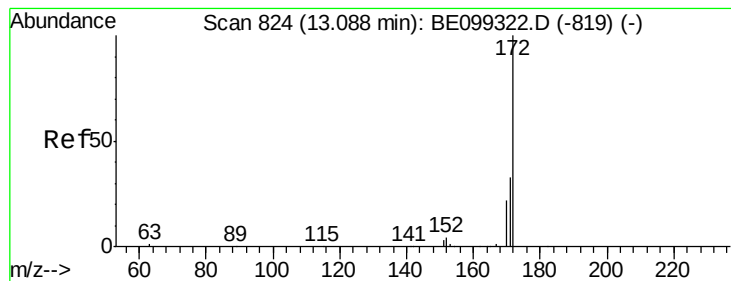


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.422 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

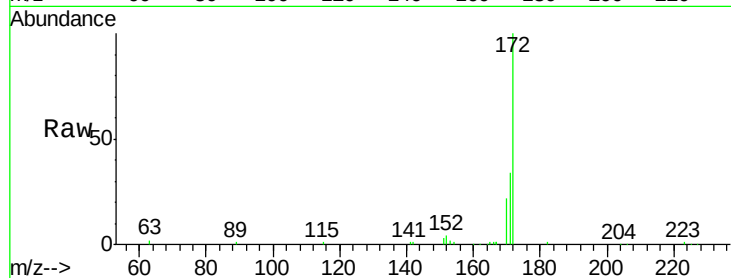
Tot Ion:172 Resp: 16559

Ion Ratio Lower Upper

172 100

171 33.7 26.2 39.2

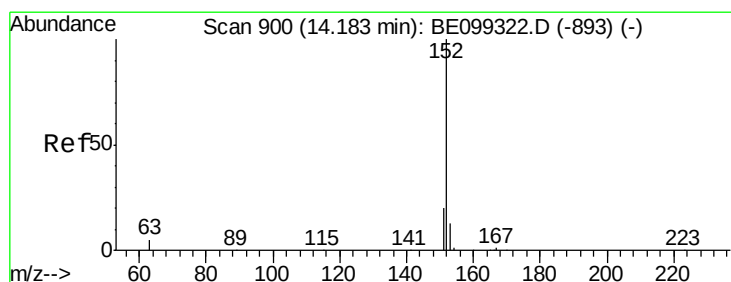
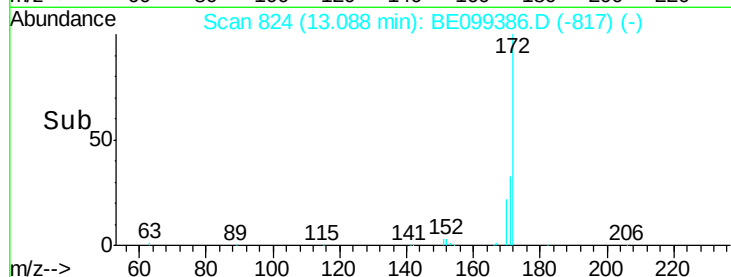
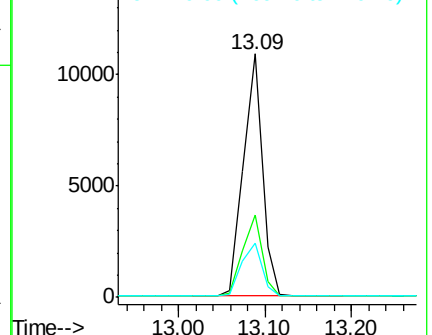
170 22.3 18.1 27.1



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: 0.455 ng

RT: 14.18 min Scan# 900

Delta R.T. 0.00 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

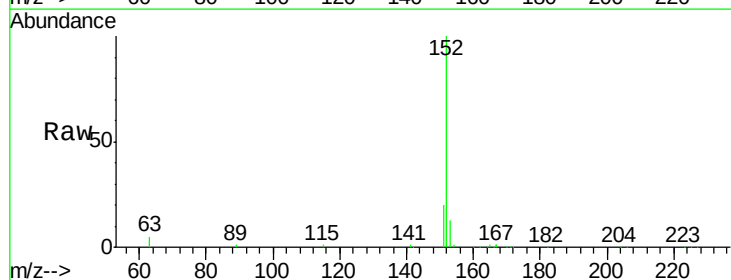
Tgt Ion:152 Resp: 20494

Ion Ratio Lower Upper

152 100

151 19.9 15.5 23.3

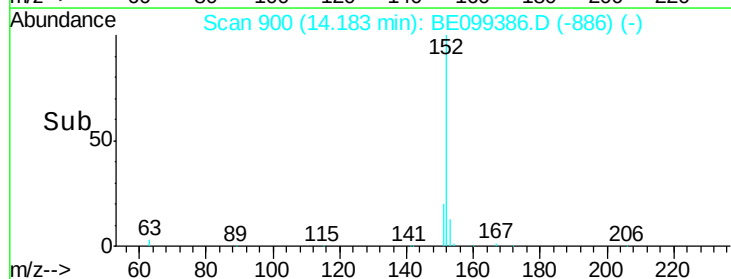
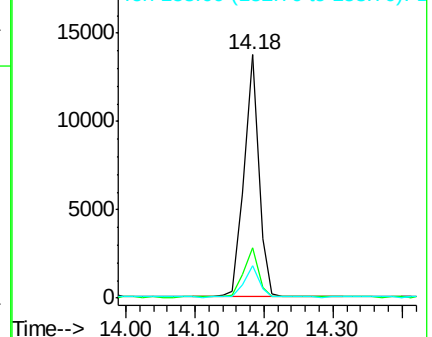
153 12.8 10.2 15.4

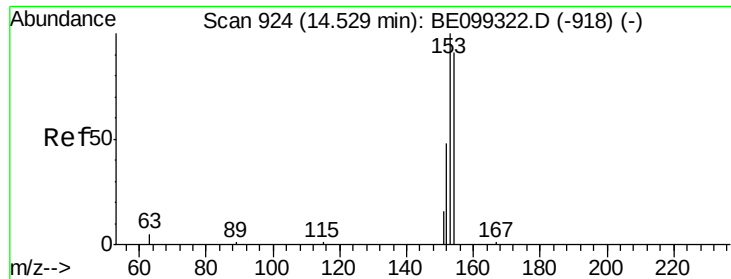


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

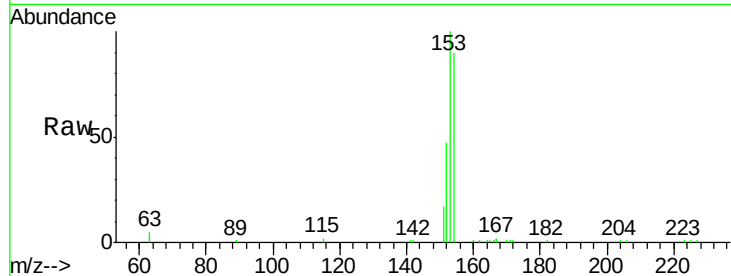




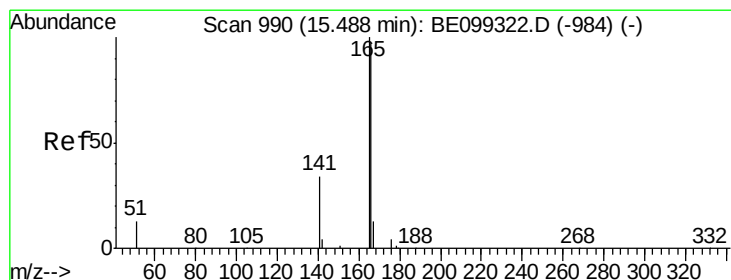
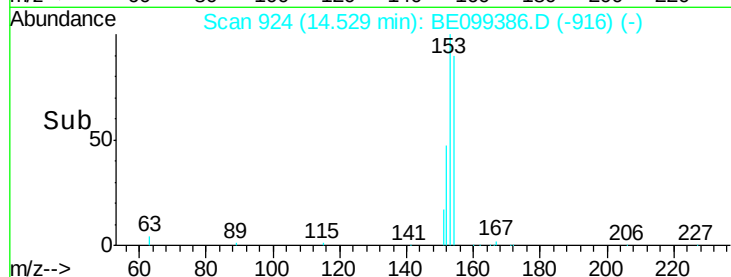
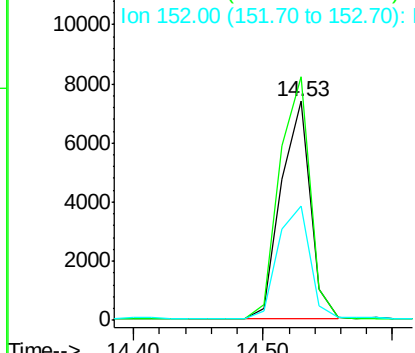
#17
Acenaphthene
Concen: 0.419 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.01 min
Lab File: BE099386.D
Acq: 26 Apr 2019 19:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:154 Resp: 11634
Ion Ratio Lower Upper
154 100
153 115.4 94.7 142.1
152 55.9 46.4 69.6

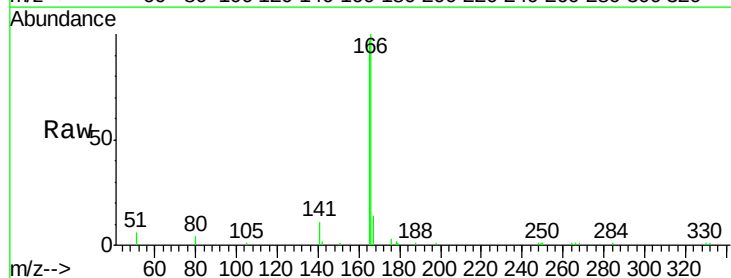


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

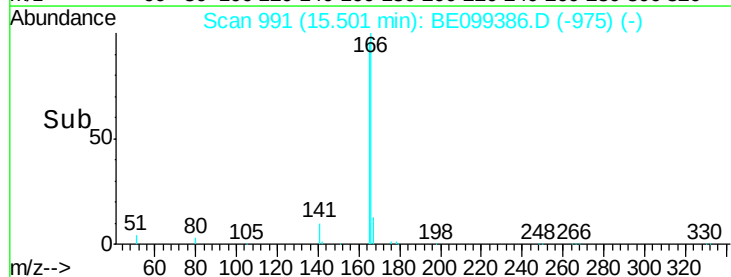
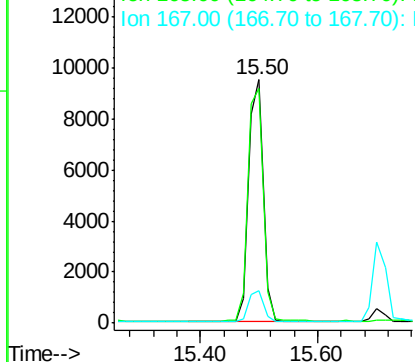


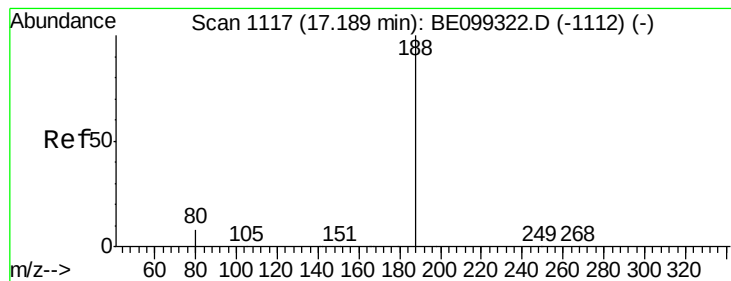
#18
Fluorene
Concen: 0.405 ng
RT: 15.50 min Scan# 991
Delta R.T. 0.01 min
Lab File: BE099386.D
Acq: 26 Apr 2019 19:55

Tgt Ion:166 Resp: 16174
Ion Ratio Lower Upper
166 100
165 100.7 79.7 119.5
167 13.1 11.0 16.4



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: 17.20 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

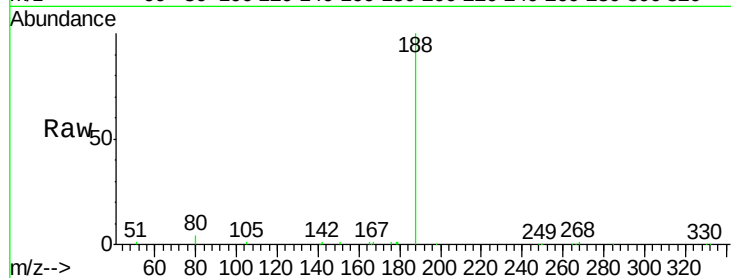
Tot Ion:188 Resp: 26281

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

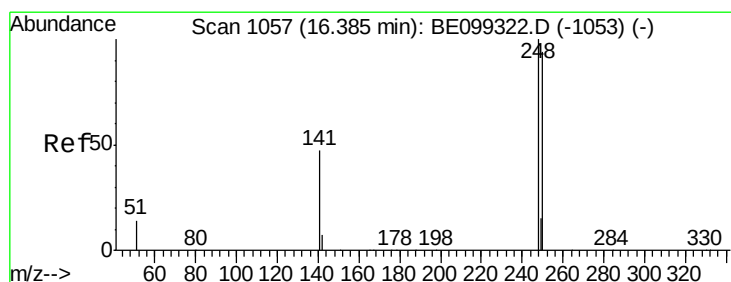
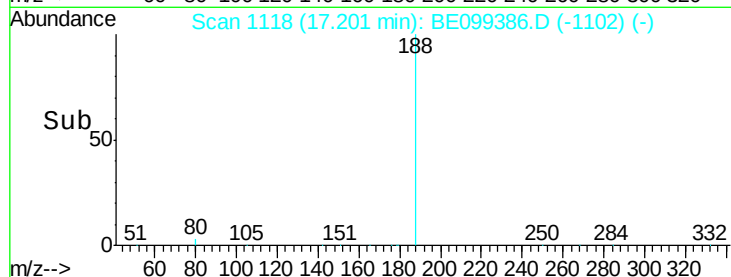
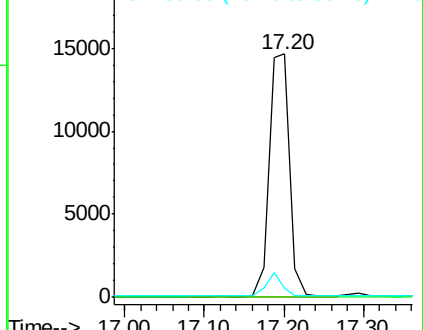
80 4.0 6.2 9.4#



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: 0.452 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

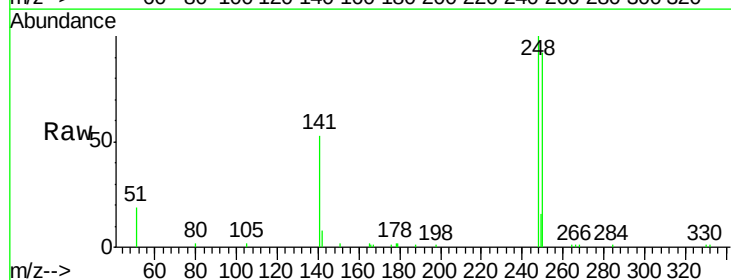
Tgt Ion:248 Resp: 6589

Ion Ratio Lower Upper

248 100

250 92.5 77.0 115.6

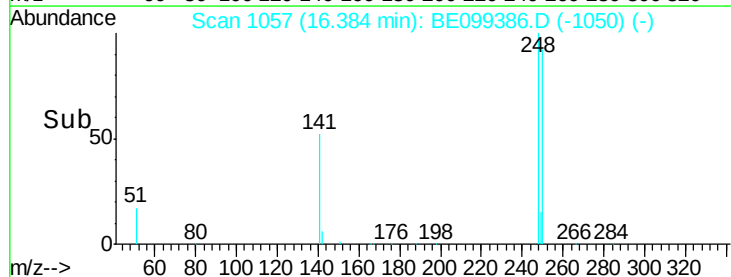
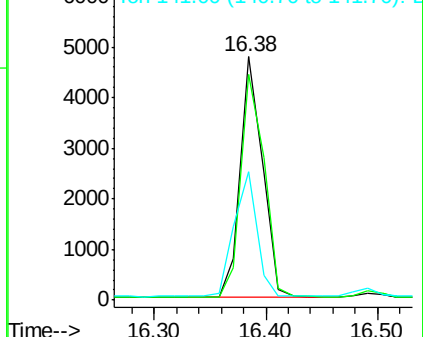
141 52.5 31.1 46.7#

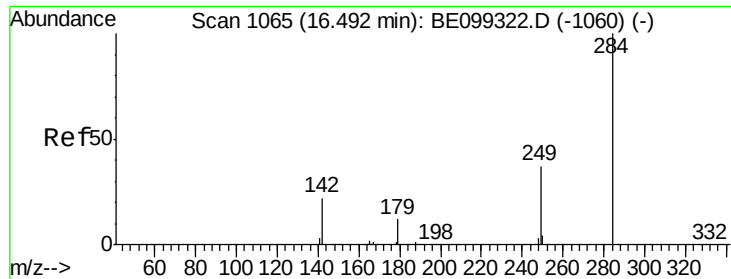


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.455 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

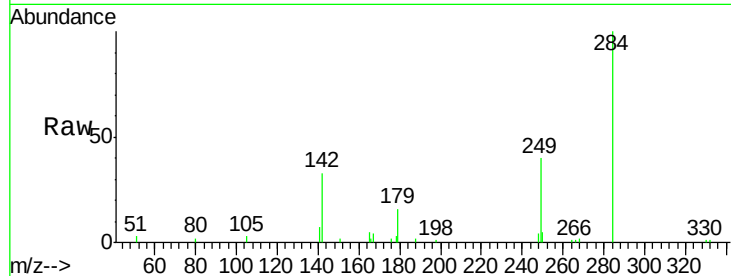
Tot Ion:284 Resp: 6362

Ion Ratio Lower Upper

284 100

142 26.4 21.8 32.6

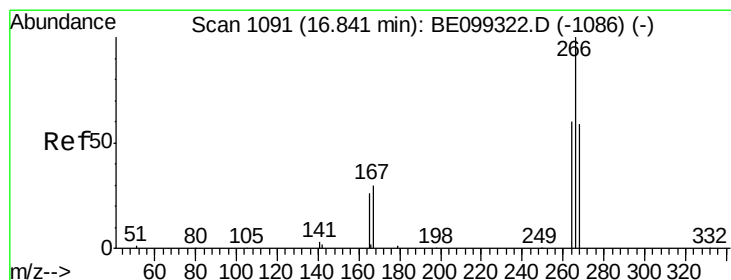
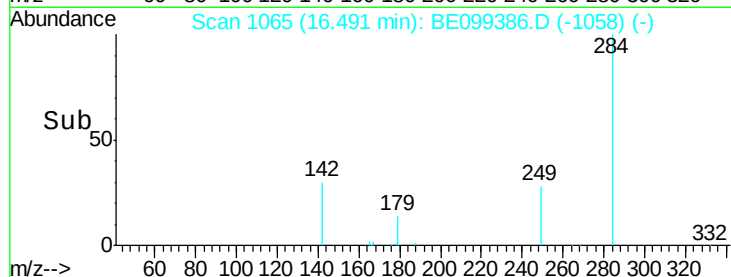
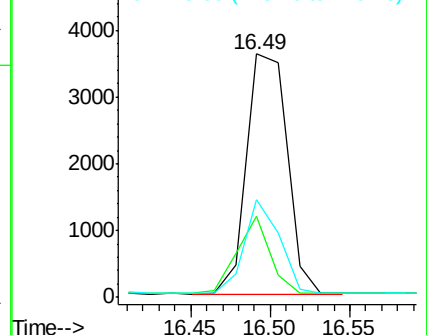
249 33.5 26.2 39.4



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: 0.745 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

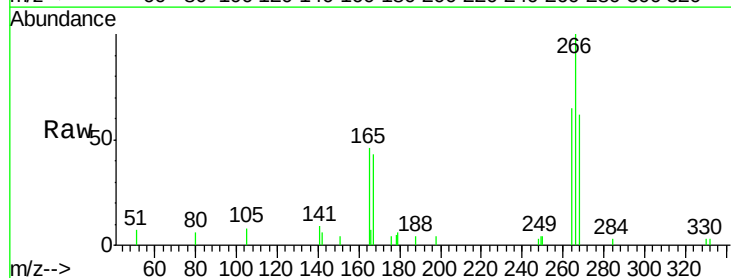
Tgt Ion:266 Resp: 2967

Ion Ratio Lower Upper

266 100

264 65.3 54.5 81.7

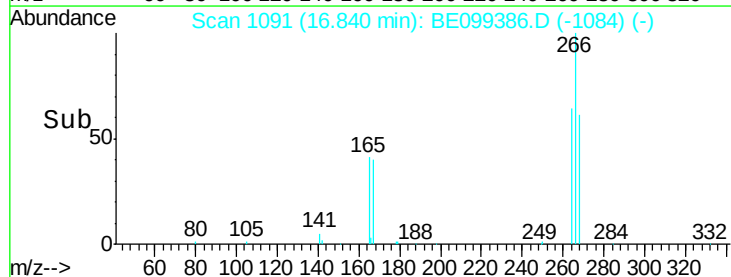
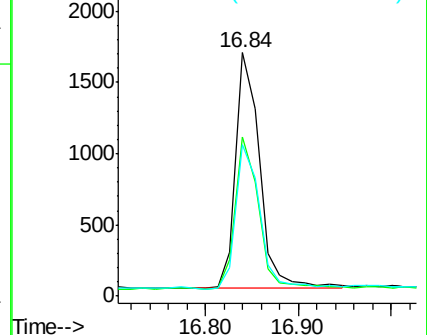
268 62.0 54.3 81.5

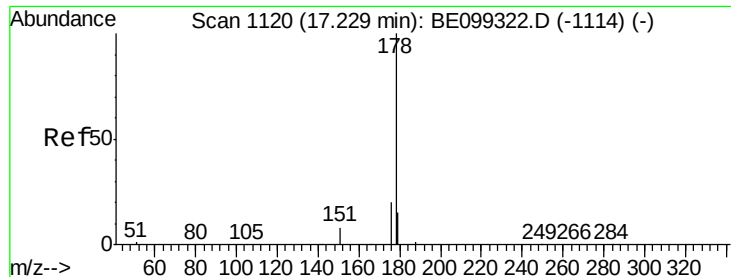


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.407 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

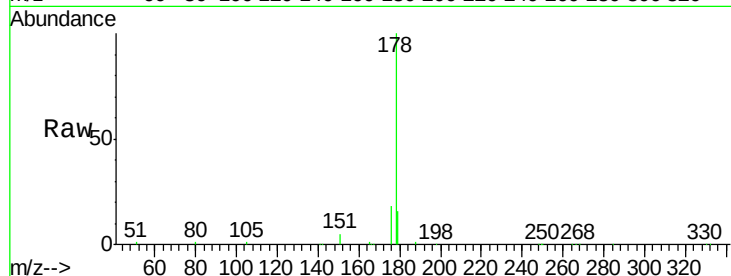
Tot Ion:178 Resp: 28298

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

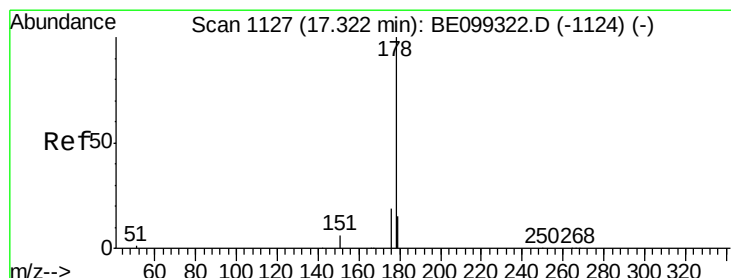
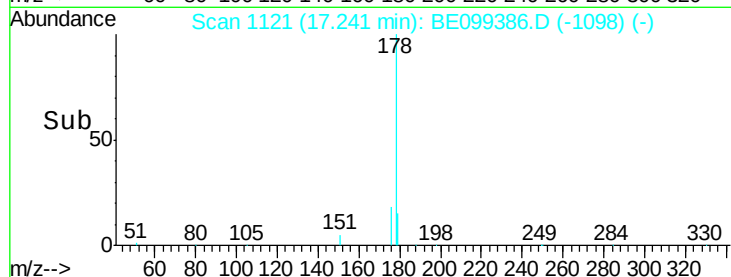
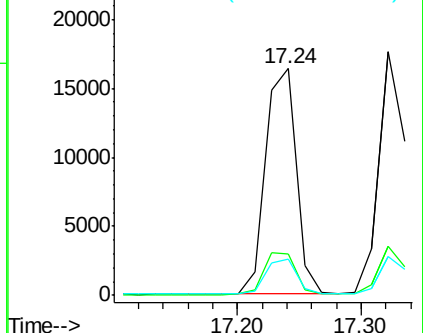
179 15.7 12.4 18.6



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



#24

Anthracene

Concen: 0.435 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

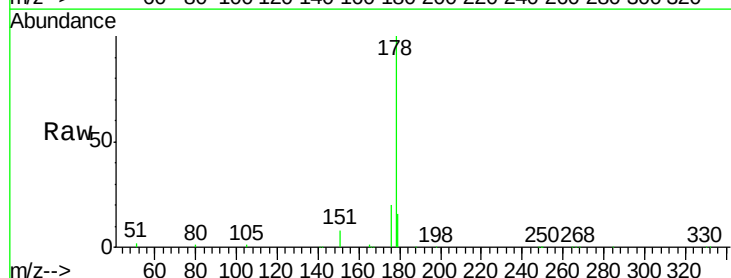
Tgt Ion:178 Resp: 26948

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

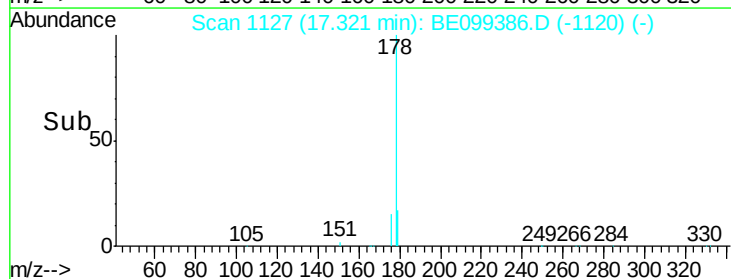
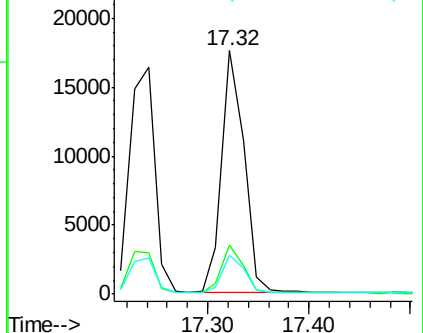
179 15.6 11.9 17.9

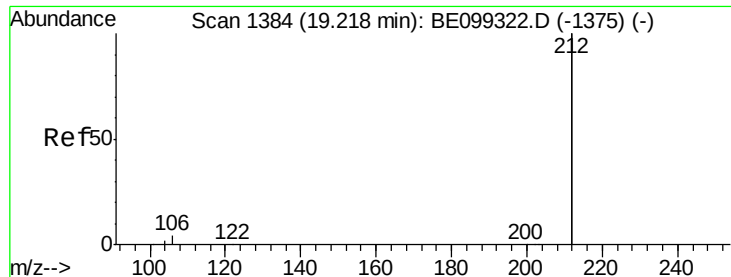


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.428 ng

RT: 19.22 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

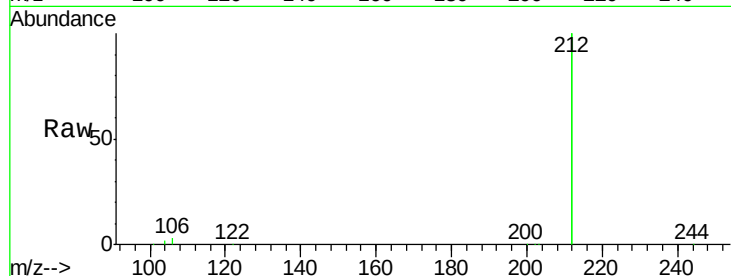
Tot Ion:212 Resp: 135210

Ion Ratio Lower Upper

212 100

106 1.8 1.8 2.6

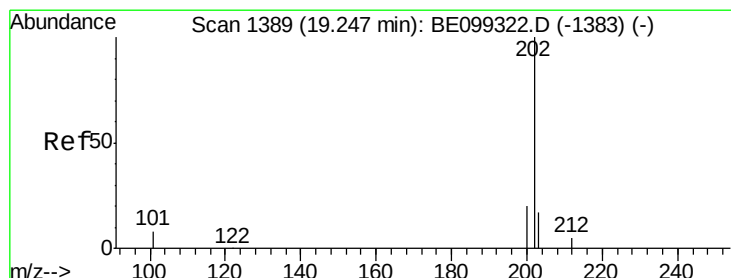
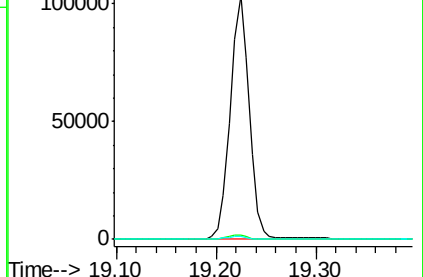
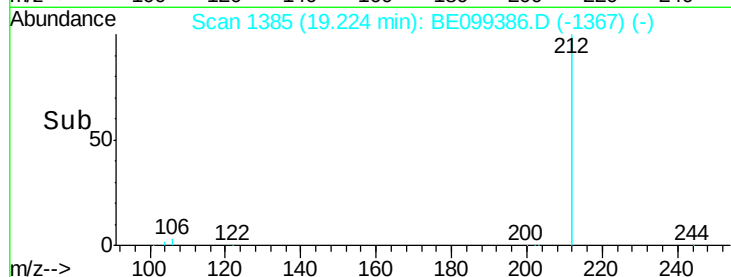
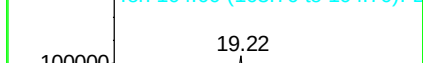
104 1.1 1.0 1.4



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: 0.416 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

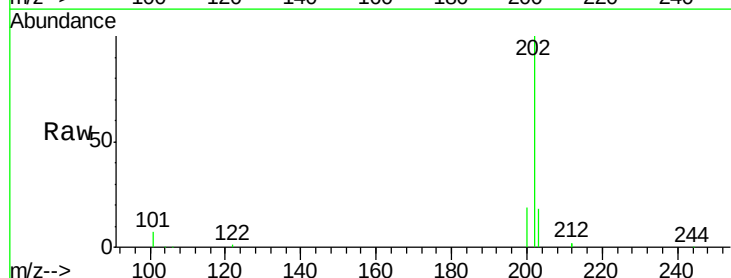
Tgt Ion:202 Resp: 38705

Ion Ratio Lower Upper

202 100

101 6.9 6.4 9.6

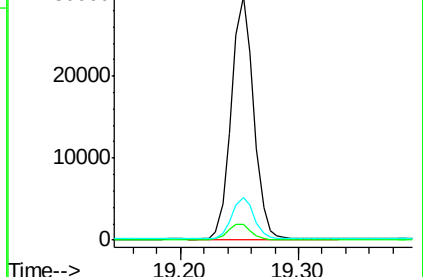
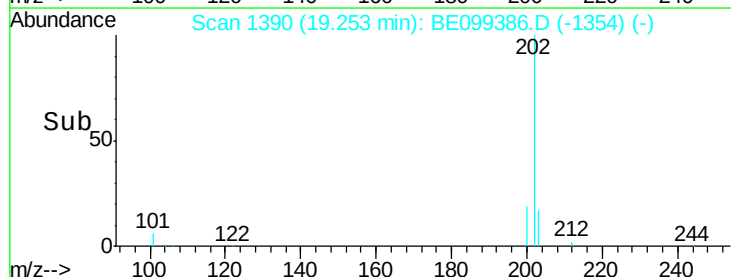
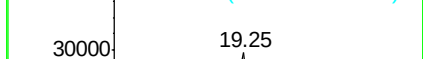
203 17.1 13.5 20.3

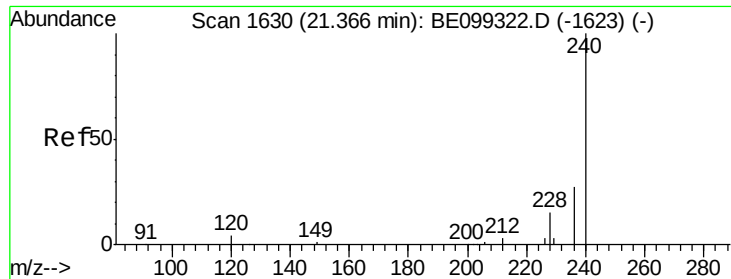


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

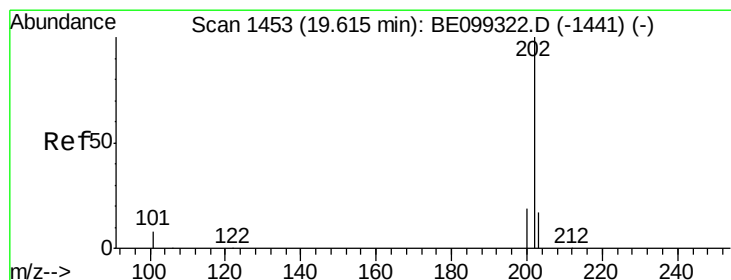
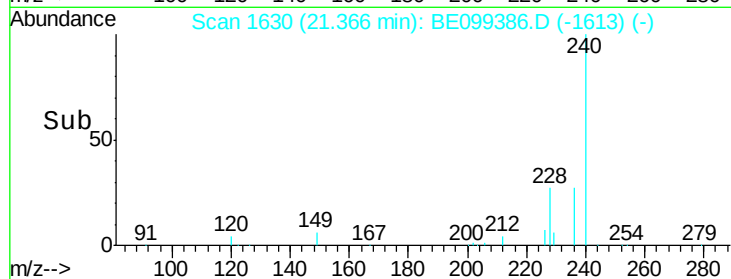
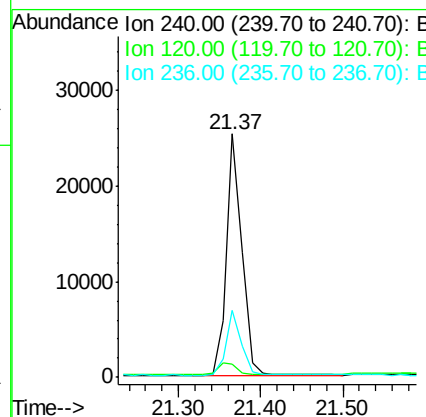
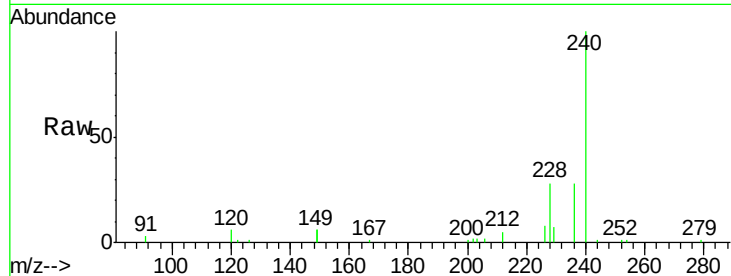




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099386.D
Acq: 26 Apr 2019 19:55

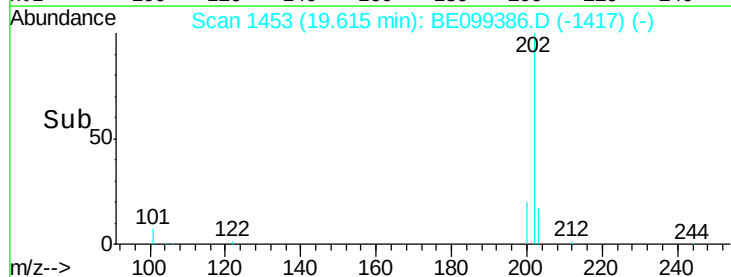
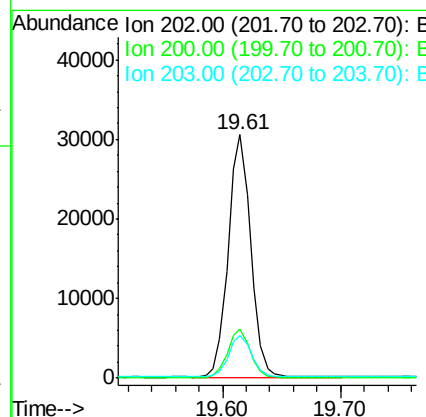
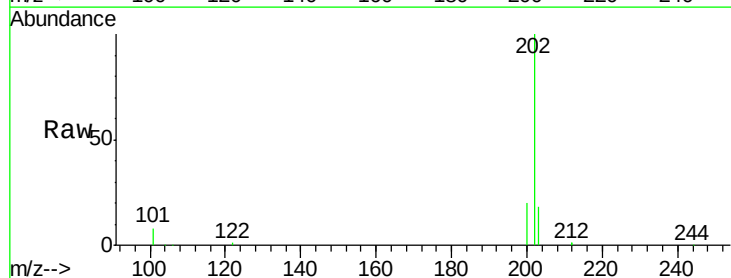
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

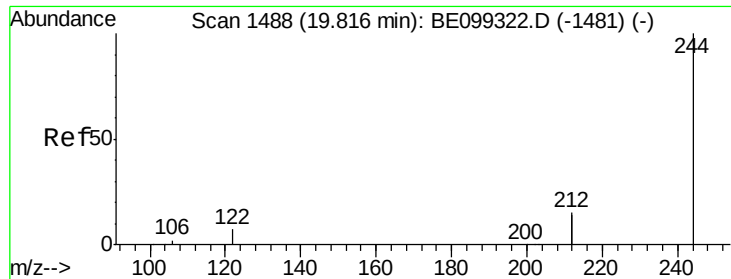
Tot Ion:240 Resp: 33565
Ion Ratio Lower Upper
240 100
120 5.6 2.2 3.2#
236 27.7 20.2 30.4



#28
Pyrene
Concen: 0.405 ng
RT: 19.61 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BE099386.D
Acq: 26 Apr 2019 19:55

Tgt Ion:202 Resp: 40086
Ion Ratio Lower Upper
202 100
200 19.9 15.7 23.5
203 17.5 13.7 20.5





#29

Terphenyl-d14

Concen: 0.415 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

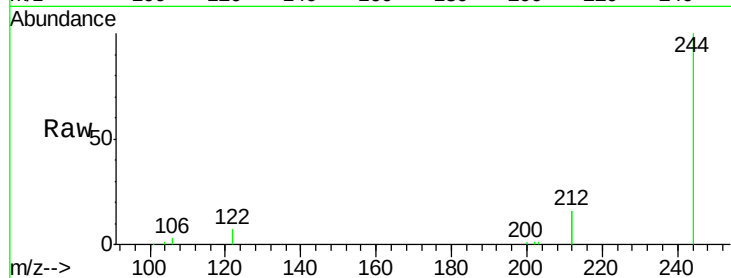
Tot Ion:244 Resp: 27413

Ion Ratio Lower Upper

244 100

212 31.1 22.6 33.8

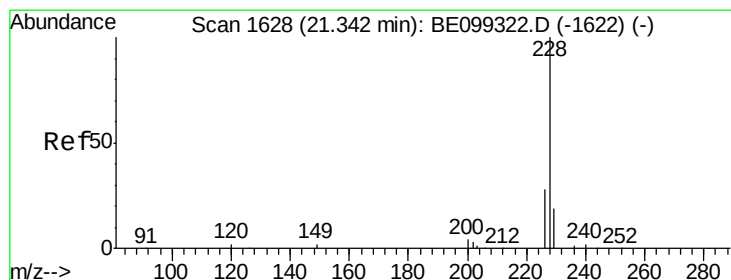
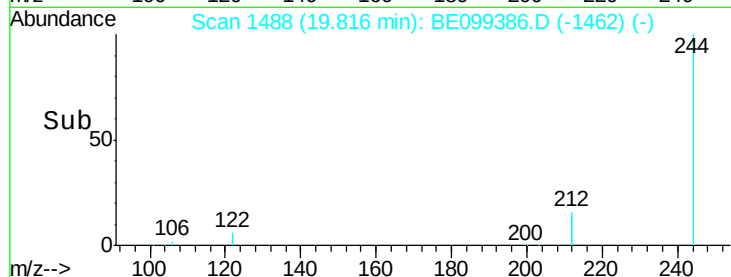
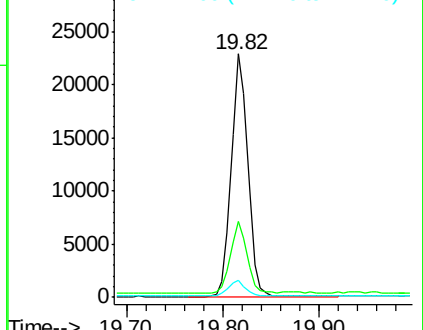
122 6.9 4.6 7.0



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: 0.451 ng

RT: 21.35 min Scan# 1629

Delta R.T. 0.01 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

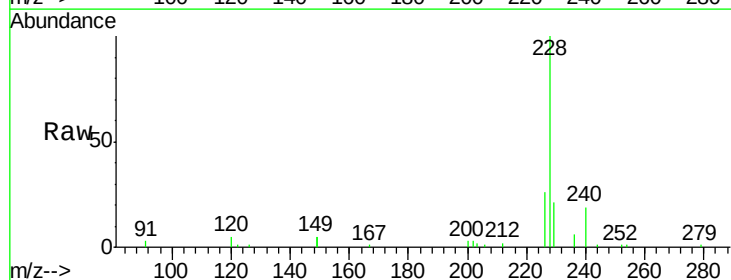
Tgt Ion:228 Resp: 44465

Ion Ratio Lower Upper

228 100

226 26.2 22.0 33.0

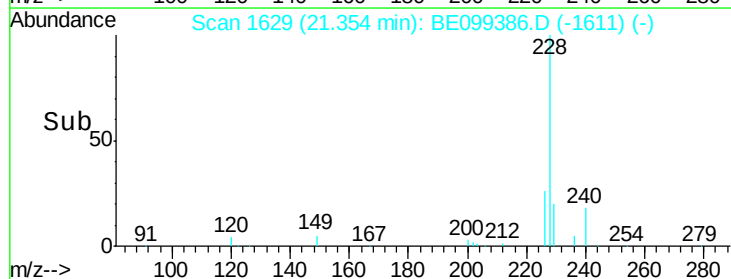
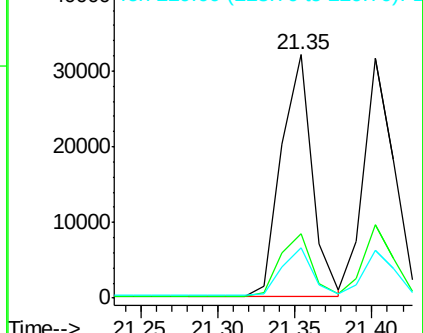
229 20.8 15.8 23.8

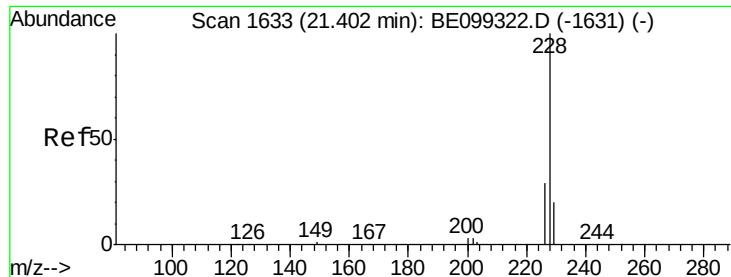


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.408 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

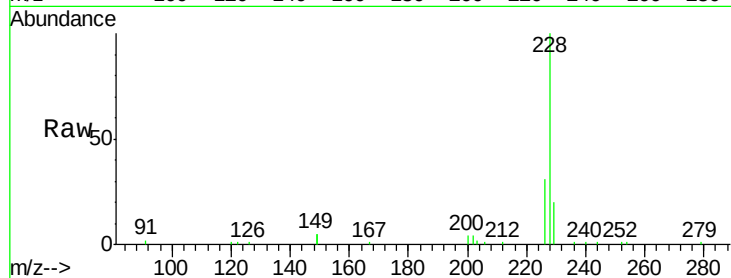
Tot Ion:228 Resp: 42830

Ion Ratio Lower Upper

228 100

226 30.6 23.4 35.2

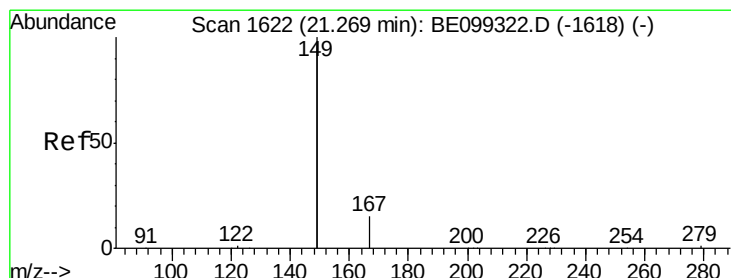
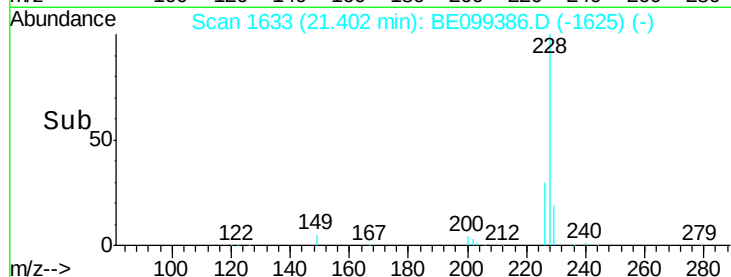
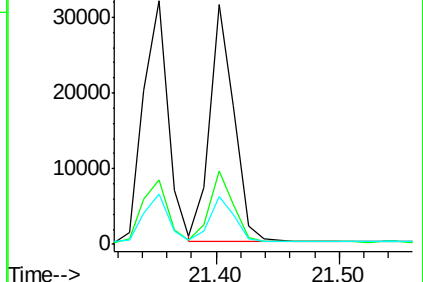
229 20.0 16.2 24.2



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: 0.876 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

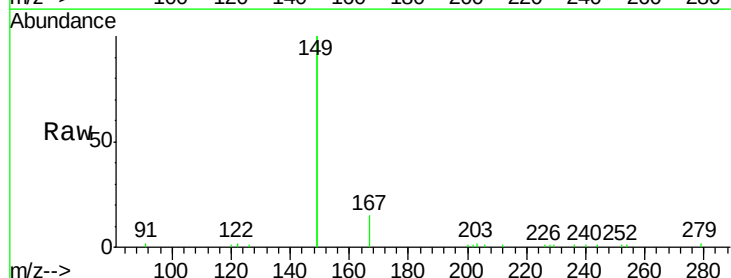
Tgt Ion:149 Resp: 78612

Ion Ratio Lower Upper

149 100

167 7.7 6.0 9.0

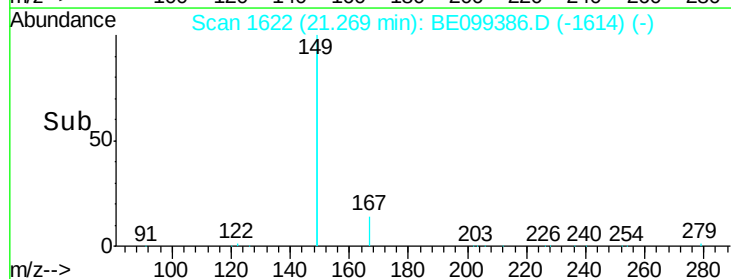
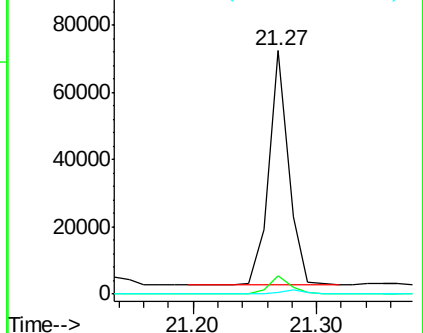
279 1.4 1.1 1.7

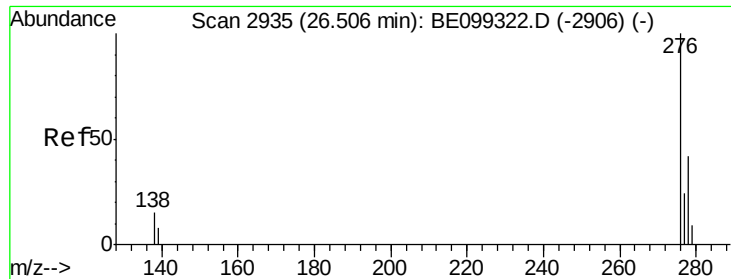


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.407 ng

RT: 26.52 min Scan# 2939

Delta R.T. 0.03 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

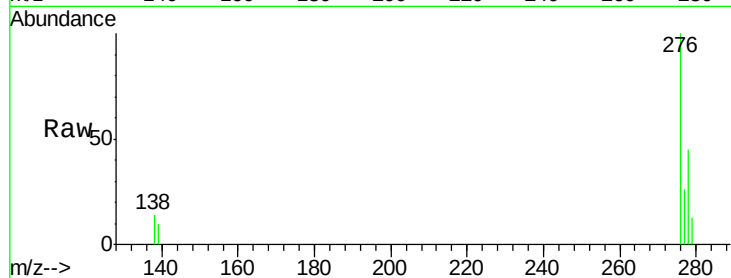
Tot Ion:276 Resp: 42236

Ion Ratio Lower Upper

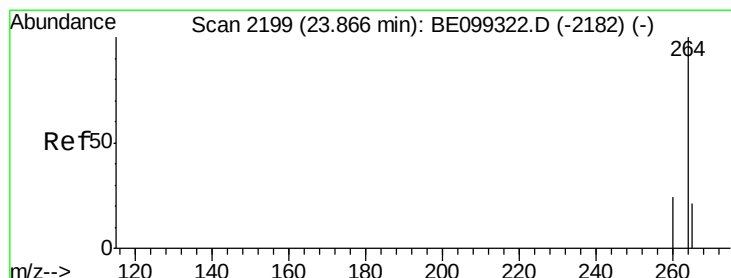
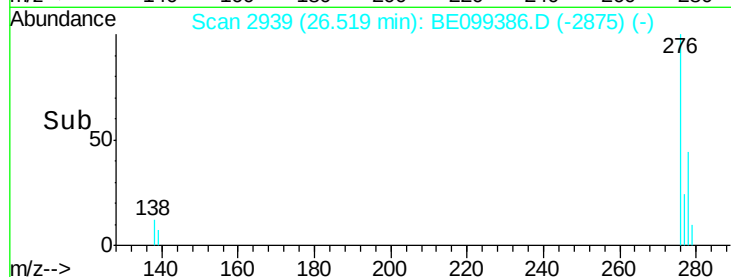
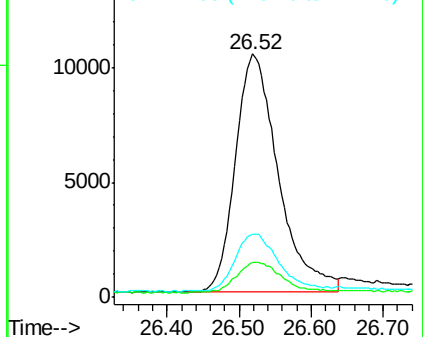
276 100

138 12.9 12.7 19.1

277 24.2 19.6 29.4



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# 2201

Delta R.T. 0.01 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

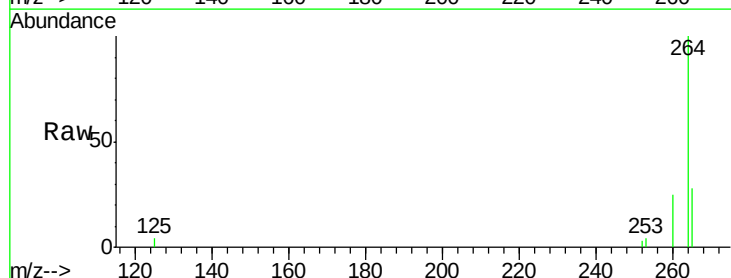
Tgt Ion:264 Resp: 34942

Ion Ratio Lower Upper

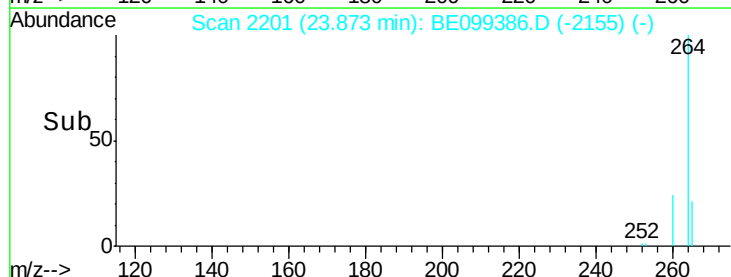
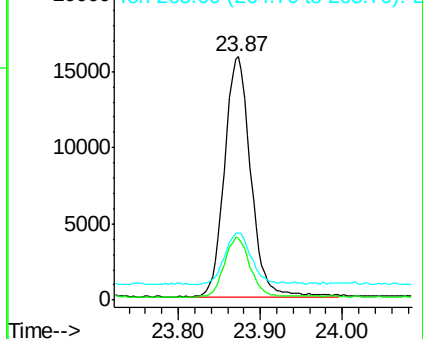
264 100

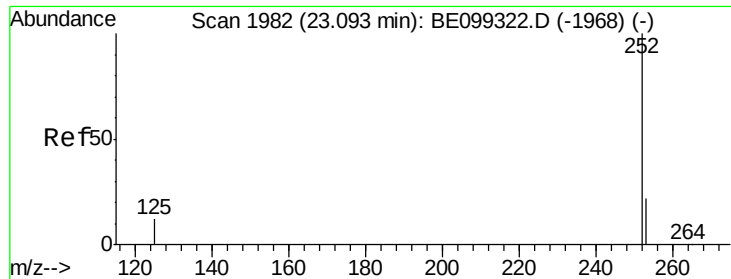
260 25.3 20.1 30.1

265 27.5 19.9 29.9



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: 0.369 ng

RT: 23.15 min Scan# 1998

Delta R.T. 0.06 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

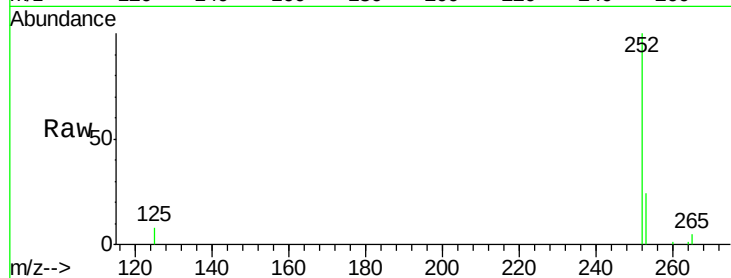
Tot Ion:252 Resp: 39523

Ion Ratio Lower Upper

252 100

253 23.8 17.3 25.9

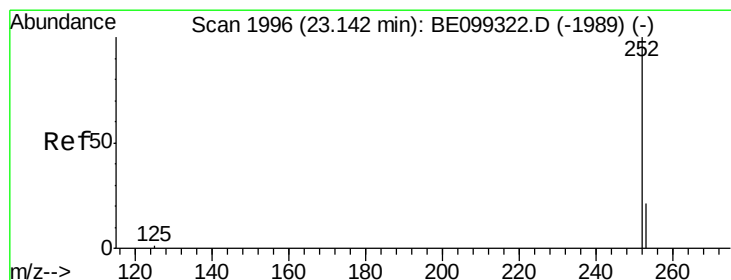
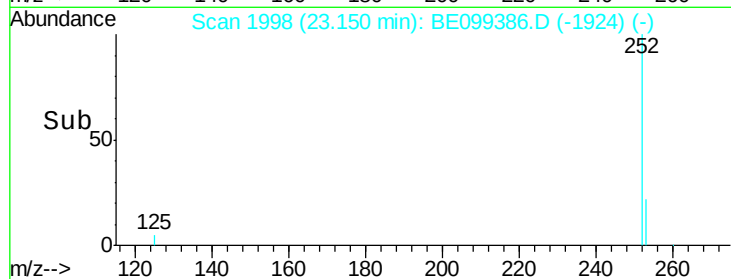
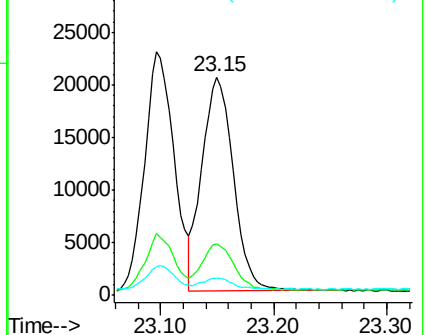
125 8.0 5.8 8.6



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: 0.371 ng

RT: 23.15 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BE099386.D

Acq: 26 Apr 2019 19:55

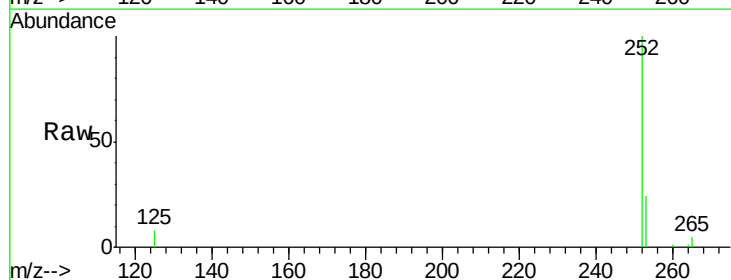
Tgt Ion:252 Resp: 39523

Ion Ratio Lower Upper

252 100

253 23.8 18.4 27.6

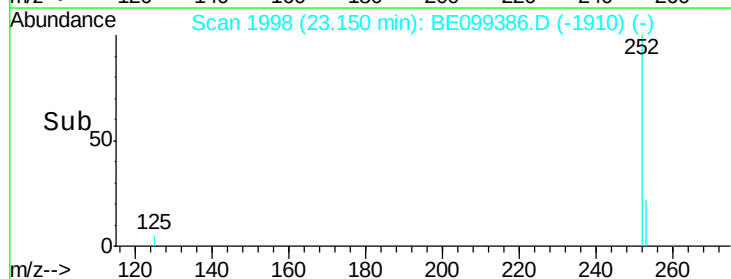
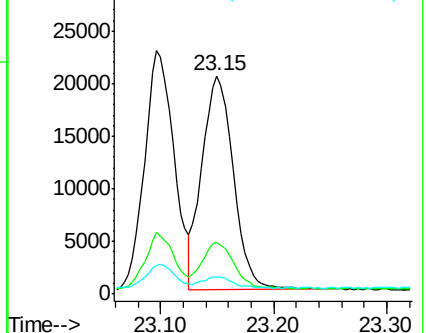
125 8.0 5.4 8.0

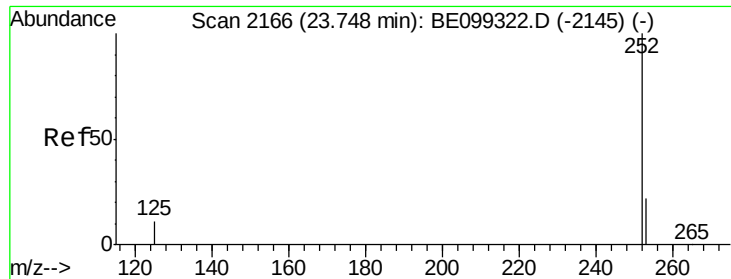


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

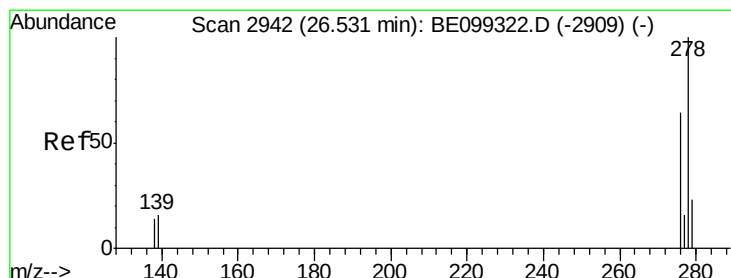
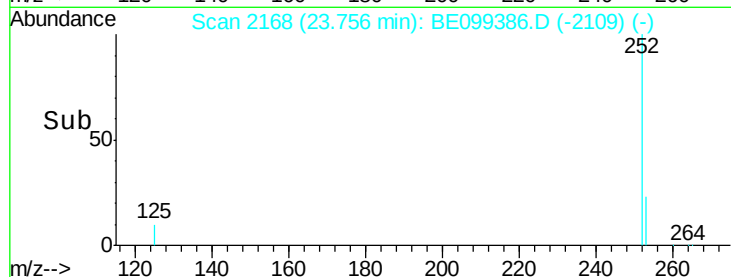
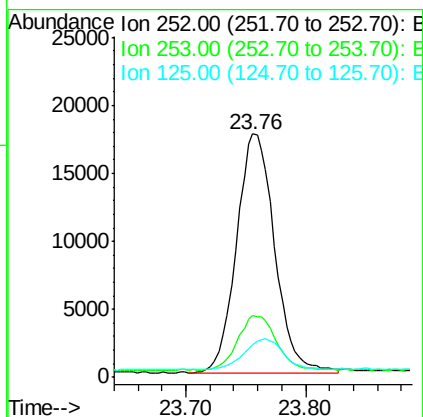
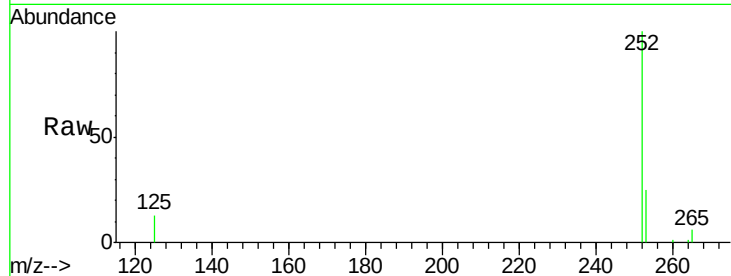




#37
Benzo(a)pyrene
Concen: 0.406 ng
RT: 23.76 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BE099386.D
Acq: 26 Apr 2019 19:55

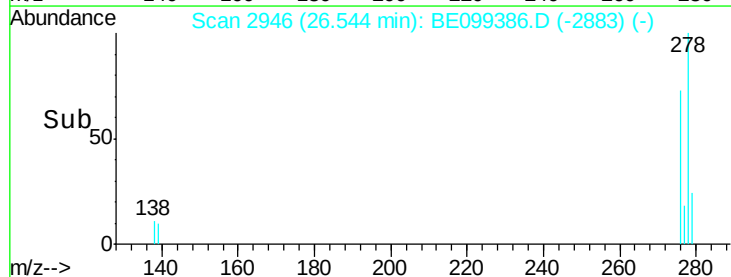
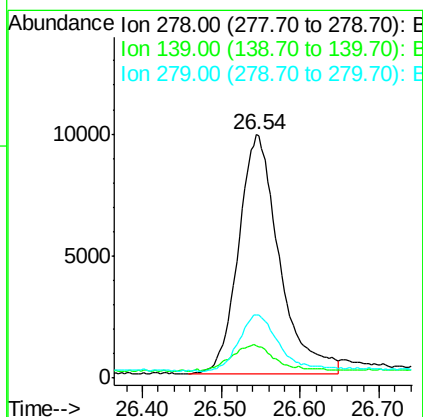
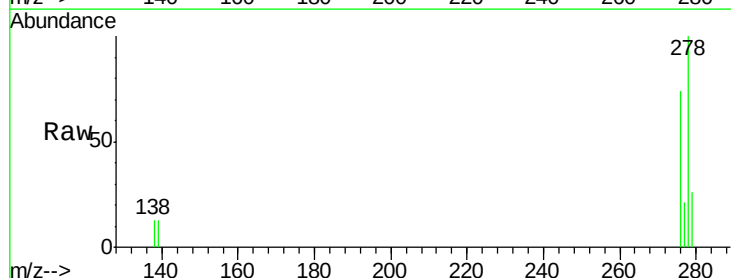
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

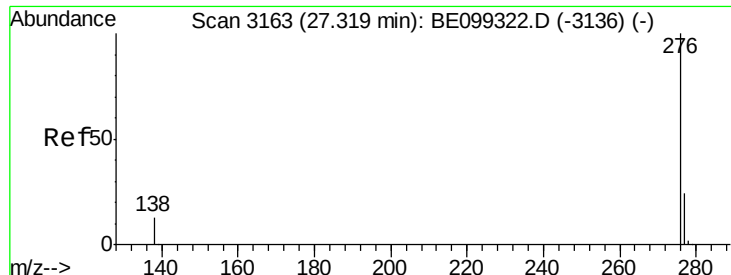
Tot Ion:252 Resp: 38916
Ion Ratio Lower Upper
252 100
253 25.2 17.6 26.4
125 13.5 6.5 9.7#



#38
Dibenzo(a,h)anthracene
Concen: 0.357 ng
RT: 26.54 min Scan# 2946
Delta R.T. 0.02 min
Lab File: BE099386.D
Acq: 26 Apr 2019 19:55

Tgt Ion:278 Resp: 34992
Ion Ratio Lower Upper
278 100
139 13.2 8.5 12.7#
279 26.0 19.8 29.8





#39

Benzo(a,h,i)perylene

Concen: 0.315 ng

RT: 27.34 min Scan# 3170

Delta R.T. 0.04 min

Lab File: BE099386.D

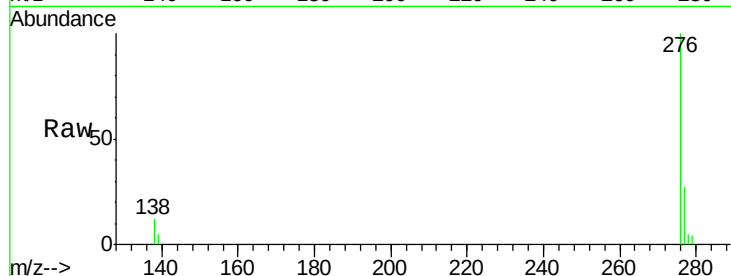
Acq: 26 Apr 2019 19:55

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



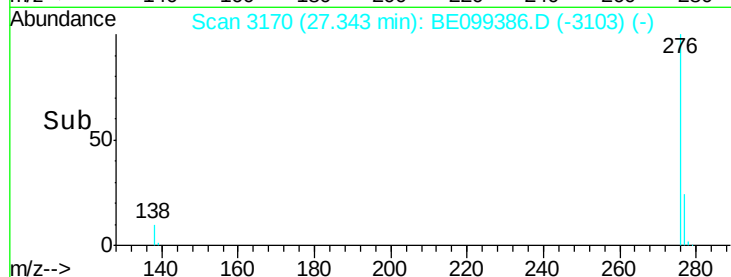
Tot Ion: 276 Resp: 31280

Ion Ratio Lower Upper

276 100

277 27.4 20.0 30.0

138 12.4 11.1 16.7



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

