

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060519\
 Data File : BE099799.D
 Acq On : 5 Jun 2019 10:25
 Operator : JU/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Jun 05 13:29:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 13:24:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1290	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	4571	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	3458	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	12301	0.40	ng	0.00
27) Chrysene-d12	21.41	240	19768	0.40	ng	0.00
34) Perylene-d12	23.94	264	23332	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	1080	0.33	ng	0.00
5) Phenol-d6	6.96	99	1443	0.33	ng	0.00
8) Nitrobenzene-d5	8.97	82	1250	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	2812	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	684	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	4417	0.34	ng	0.00
25) Fluoranthene-d10	19.26	212	63418	0.38	ng	0.00
29) Terphenyl-d14	19.86	244	12630	0.36	ng	0.00

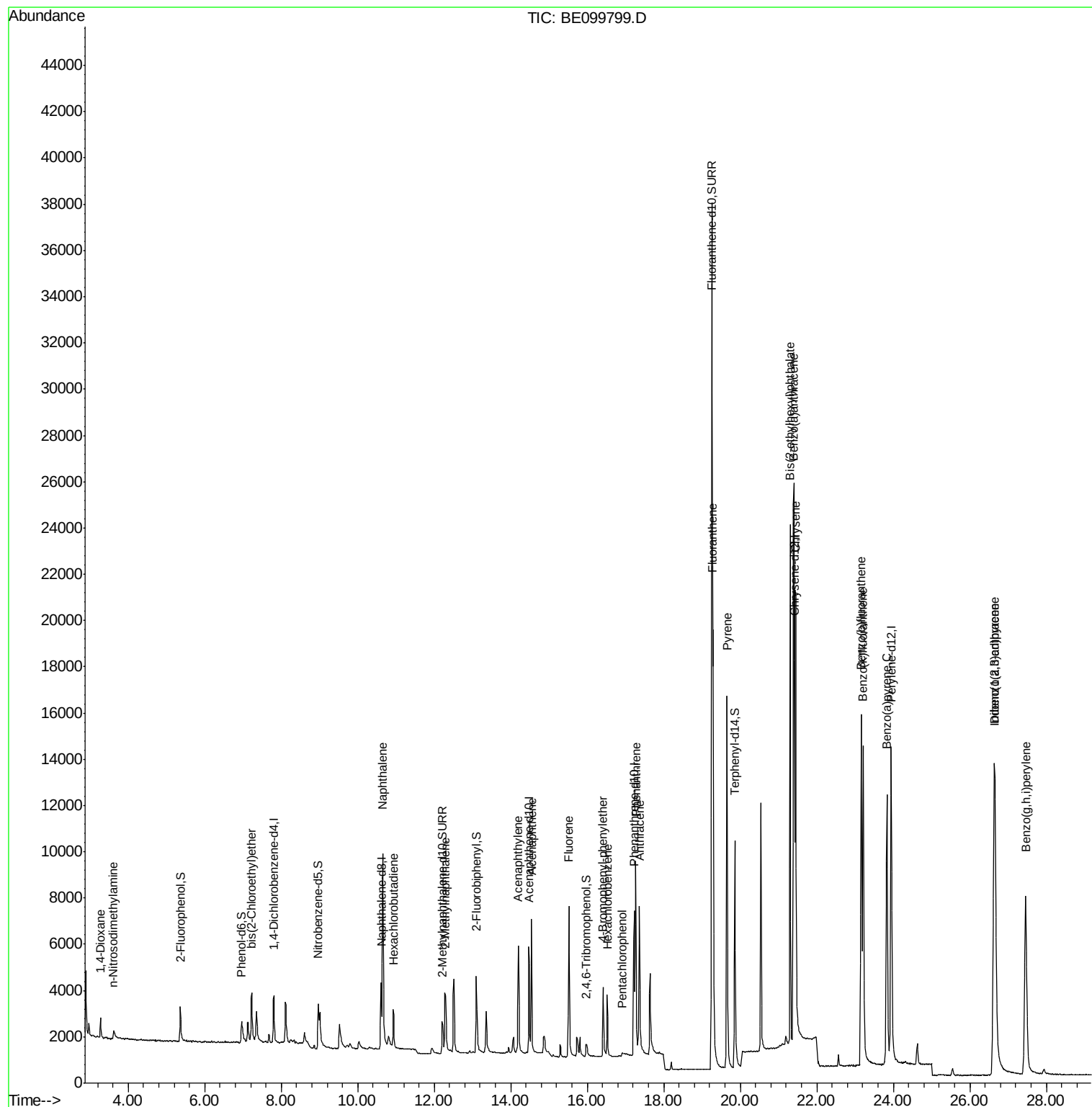
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	641	0.336	ng	100
3) n-Nitrosodimethylamine	3.61	42	324	0.307	ng	# 95
6) bis(2-Chloroethyl)ether	7.23	93	1209	0.315	ng	100
9) Naphthalene	10.65	128	17563	0.359	ng	100
10) Hexachlorobutadiene	10.93	225	1341	0.373	ng	100
12) 2-Methylnaphthalene	12.28	142	2739	0.344	ng	100
16) Acenaphthylene	14.20	152	5865	0.364	ng	100
17) Acenaphthene	14.54	154	3223	0.356	ng	99
18) Fluorene	15.51	166	4922	0.369	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	2244	0.316	ng	100
21) Hexachlorobenzene	16.52	284	2579	0.355	ng	100
22) Pentachlorophenol	16.92	266	348	0.167	ng	100
23) Phenanthrene	17.27	178	10326	0.344	ng	100
24) Anthracene	17.36	178	8860	0.325	ng	100
26) Fluoranthene	19.29	202	18112	0.381	ng	100
28) Pyrene	19.65	202	18818	0.379	ng	100
30) Benzo(a)anthracene	21.39	228	20886	0.372	ng	100
31) Chrysene	21.45	228	23911	0.398	ng	100
32) Bis(2-ethylhexyl)phthalate	21.31	149	24247	0.375	ng	100
33) Indeno(1,2,3-cd)pyrene	26.63	276	28377	0.391	ng	100
35) Benzo(b)fluoranthene	23.16	252	23168	0.362	ng	100
36) Benzo(k)fluoranthene	23.21	252	24701	0.371	ng	100
37) Benzo(a)pyrene	23.83	252	22636	0.368	ng	100
38) Dibenzo(a,h)anthracene	26.66	278	22396	0.347	ng	100
39) Benzo(g,h,i)perylene	27.46	276	23620	0.362	ng	100

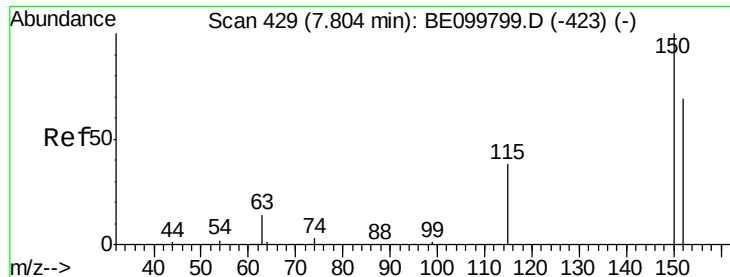
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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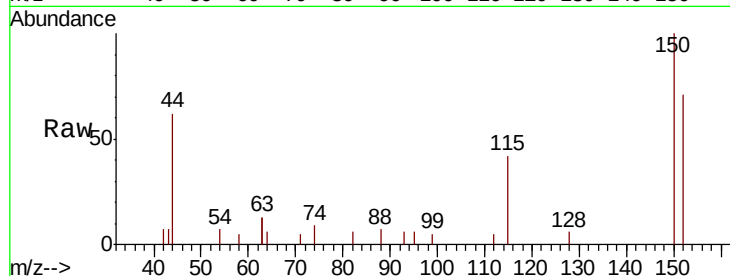


#1

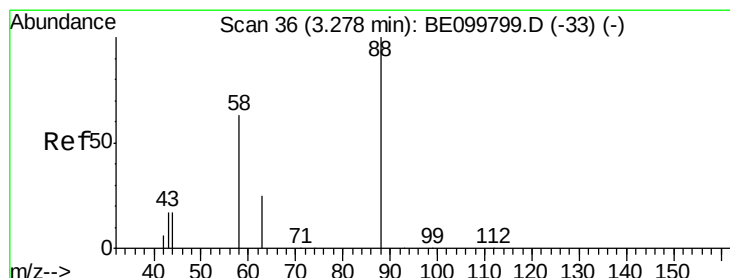
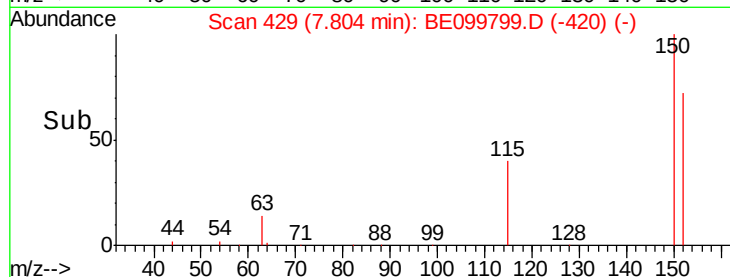
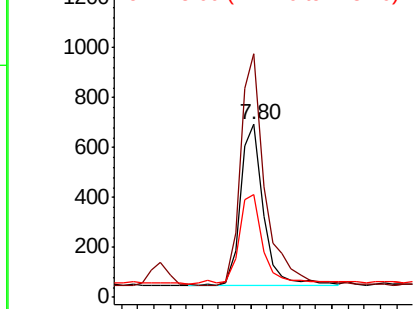
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:152 Resp: 1290
Ion Ratio Lower Upper
152 100
150 141.0 112.8 169.2
115 59.5 47.6 71.4



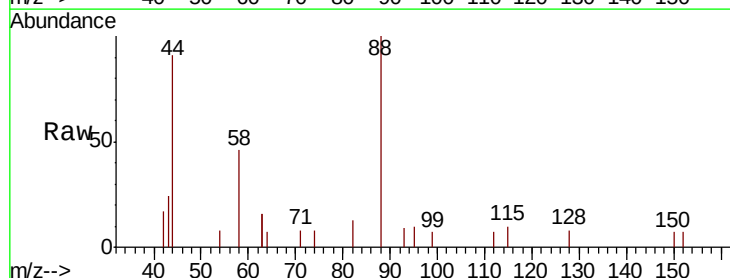
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



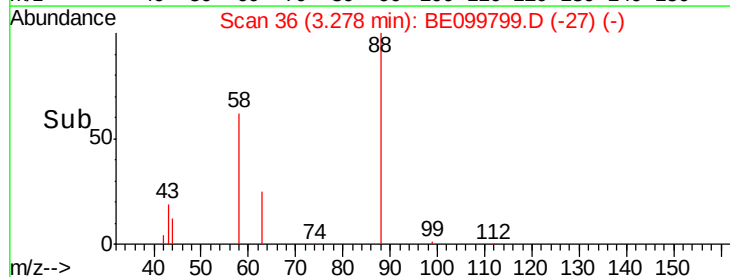
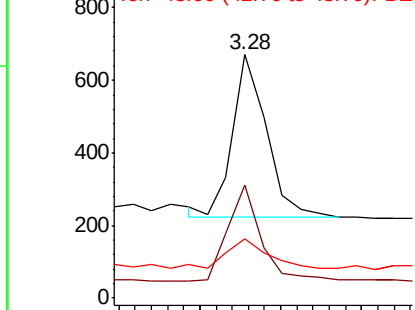
#2

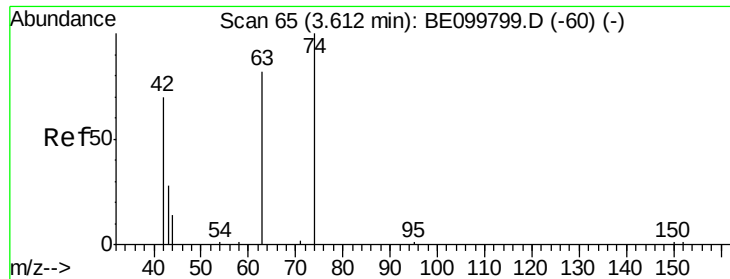
1,4-Dioxane
Concen: 0.336 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

Tgt Ion: 88 Resp: 641
Ion Ratio Lower Upper
88 100
58 59.1 47.5 71.3
43 22.8 18.2 27.4



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: 0.307 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

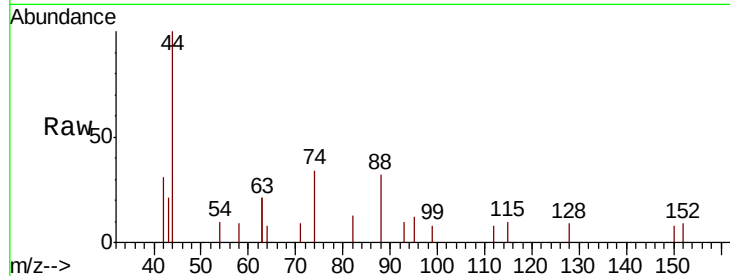
Tot Ion: 42 Resp: 324

Ion Ratio Lower Upper

42 100

74 165.7 137.8 206.6

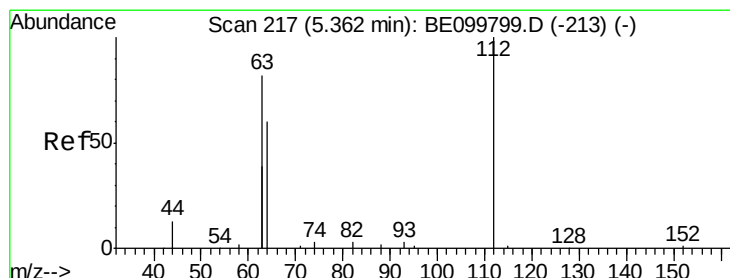
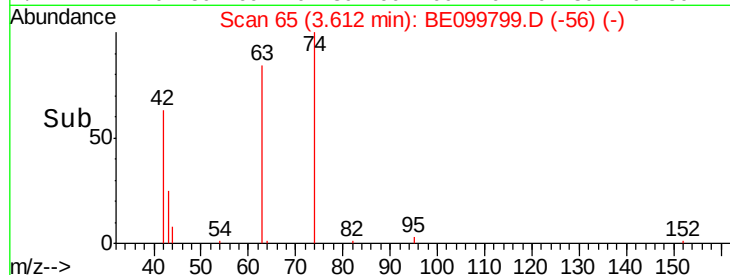
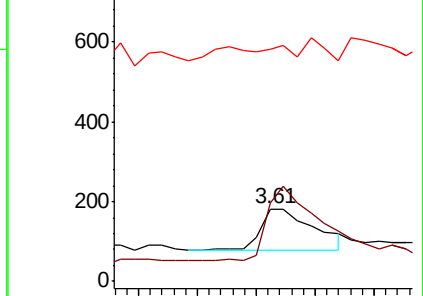
44 16.7 10.8 16.2#



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: 0.331 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

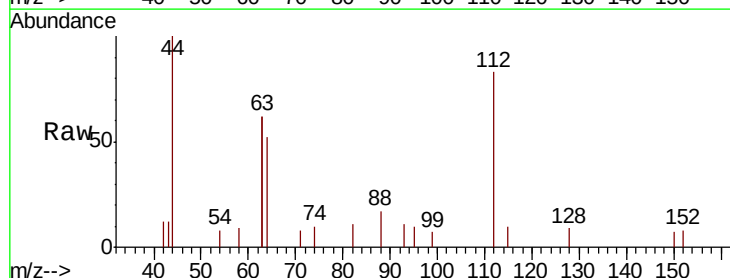
Tgt Ion: 112 Resp: 1080

Ion Ratio Lower Upper

112 100

64 59.0 47.2 70.8

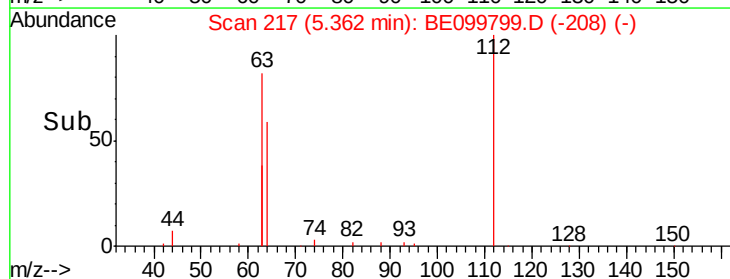
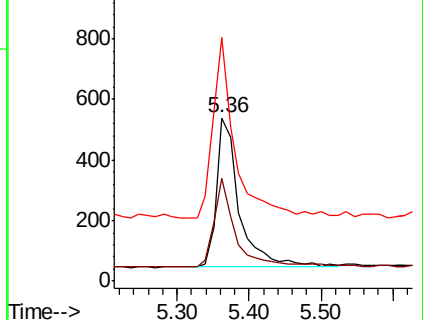
63 113.4 90.7 136.1

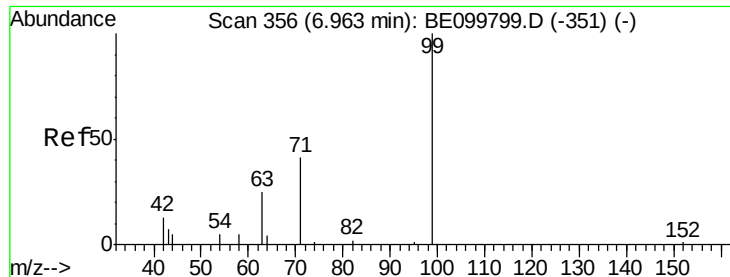


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.334 ng

RT: 6.96 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

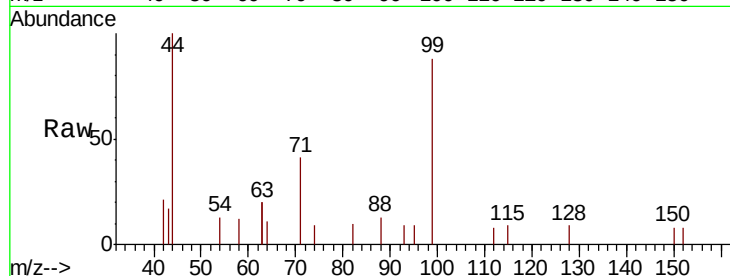
Tot Ion: 99 Resp: 1443

Ion Ratio Lower Upper

99 100

42 13.7 11.0 16.4

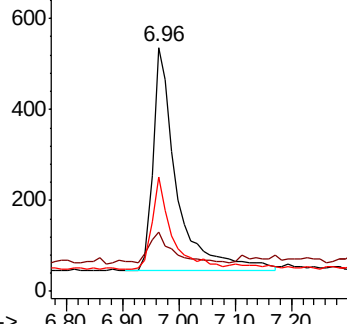
71 32.6 26.1 39.1



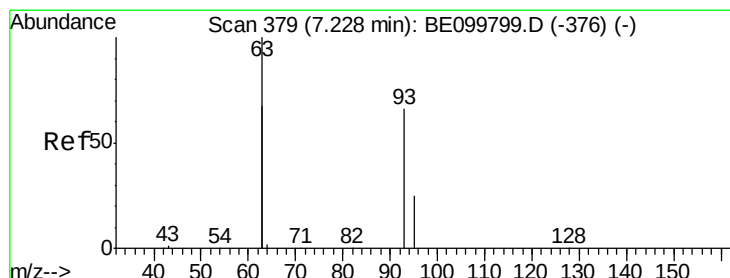
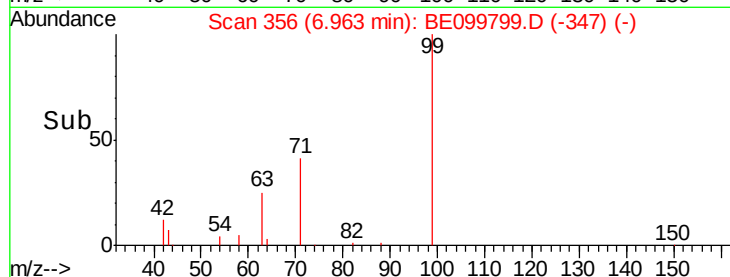
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.80 6.90 7.00 7.10 7.20



#6

bis(2-Chloroethyl)ether

Concen: 0.315 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

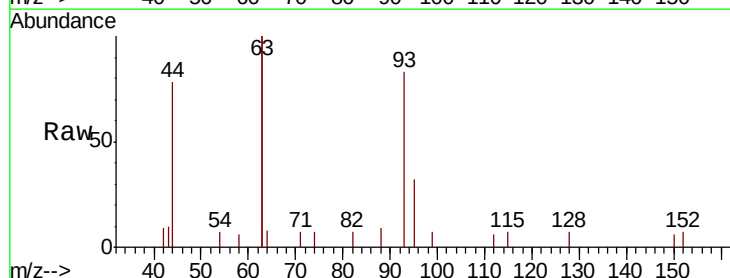
Tgt Ion: 93 Resp: 1209

Ion Ratio Lower Upper

93 100

63 261.0 208.8 313.2

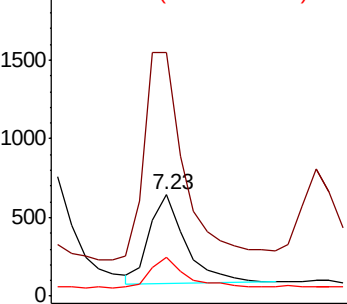
95 34.5 27.6 41.4



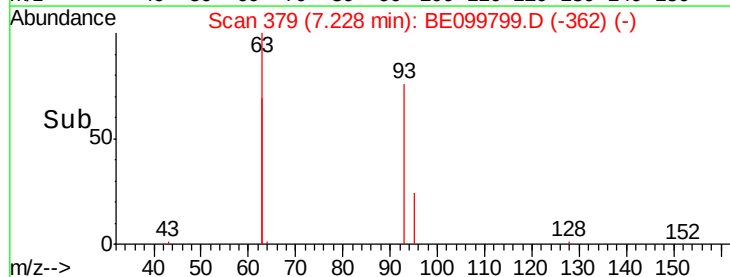
Abundance Ion 93.00 (92.70 to 93.70): BE0

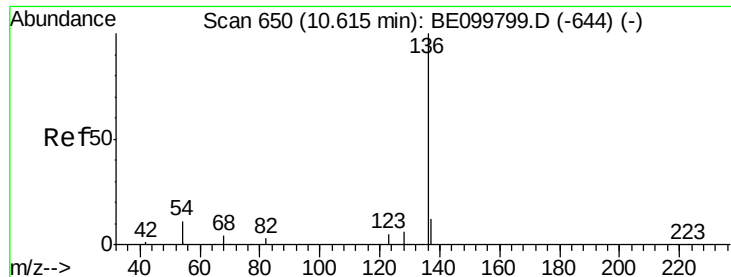
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time--> 7.15 7.20 7.25 7.30 7.35





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 4571

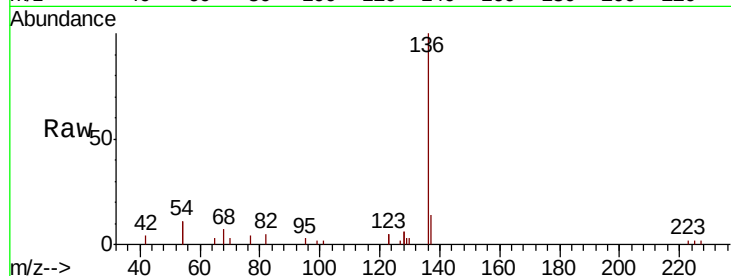
Ion Ratio Lower Upper

136 100

137 13.9 11.1 16.7

54 22.4 17.9 26.9

68 6.7 5.4 8.0

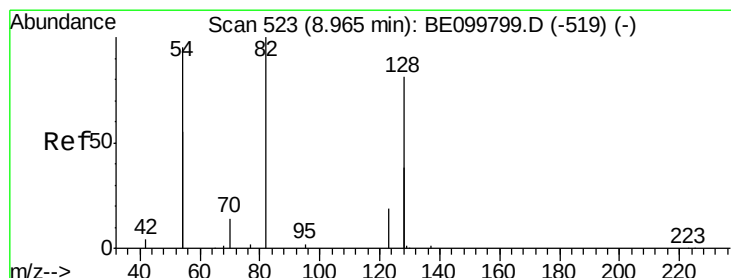
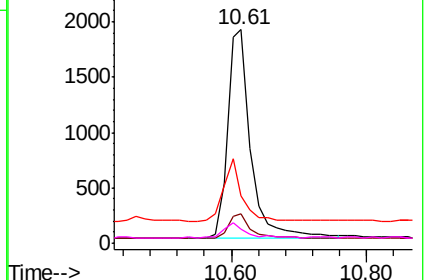
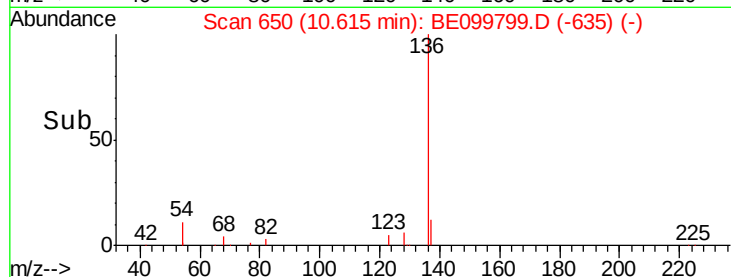


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.316 ng

RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

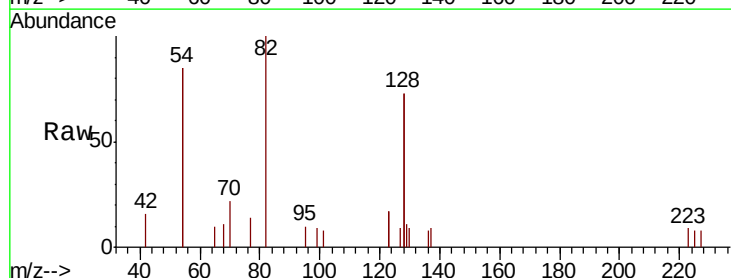
Tgt Ion: 82 Resp: 1250

Ion Ratio Lower Upper

82 100

128 145.8 116.6 175.0

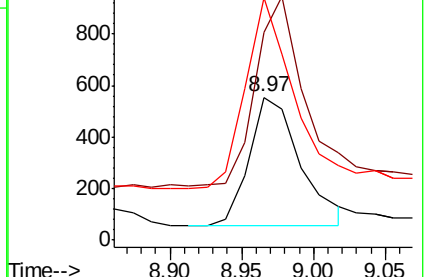
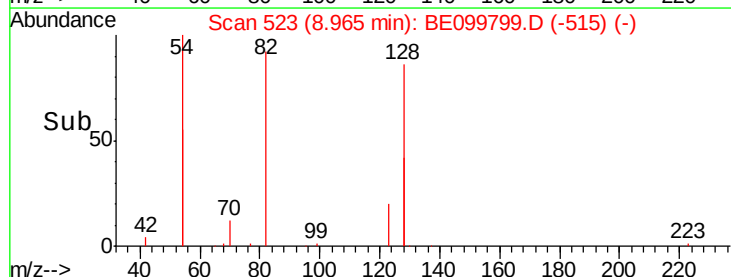
54 170.3 136.2 204.4

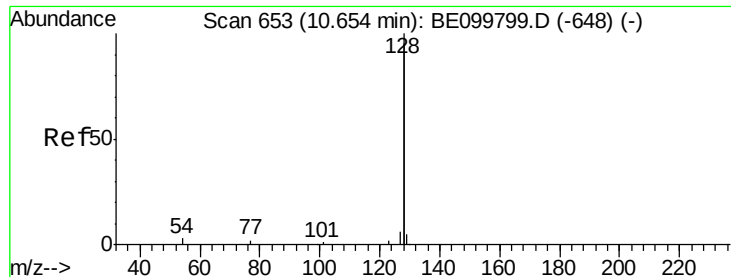


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.359 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

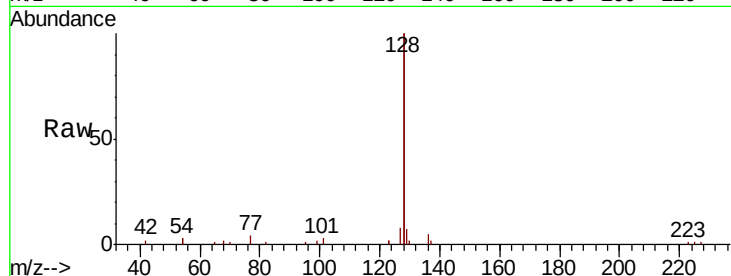
Tot Ion:128 Resp: 17563

Ion Ratio Lower Upper

128 100

129 3.3 2.6 4.0

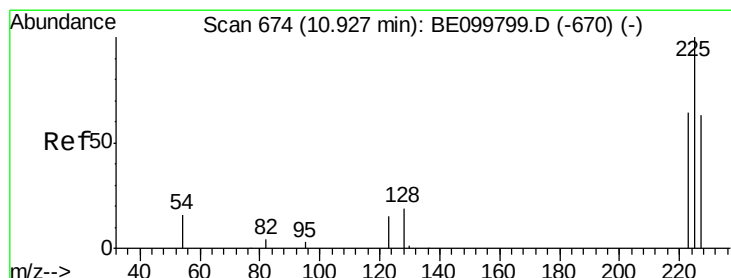
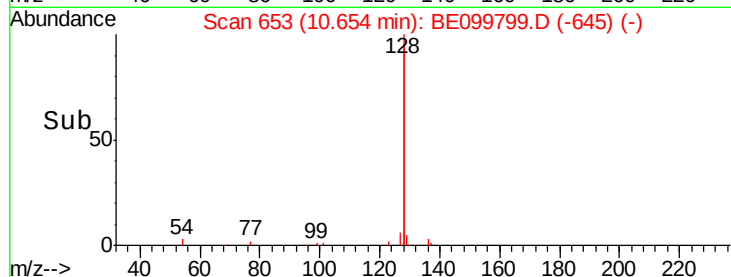
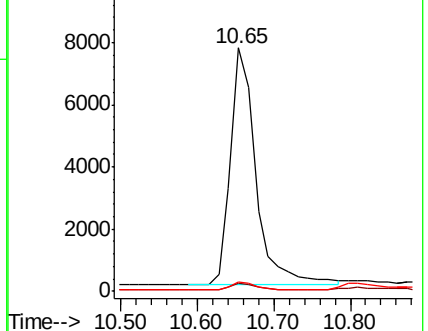
127 3.8 3.0 4.6



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: 0.373 ng

RT: 10.93 min Scan# 674

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

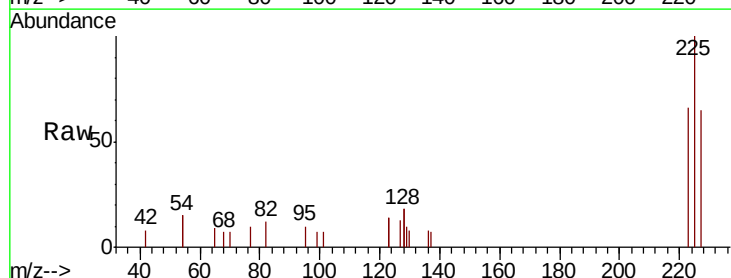
Tgt Ion:225 Resp: 1341

Ion Ratio Lower Upper

225 100

223 60.7 48.6 72.8

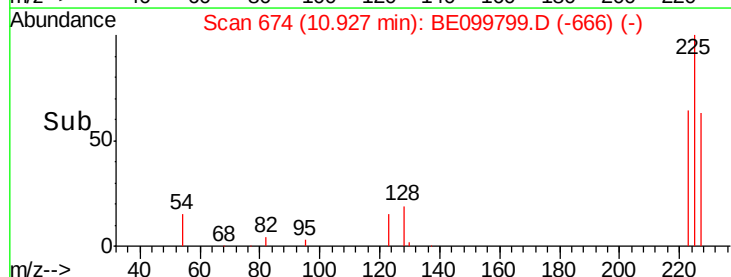
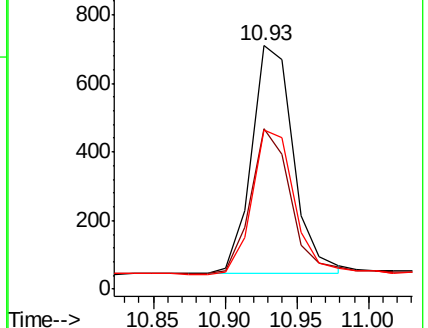
227 64.5 51.8 77.6

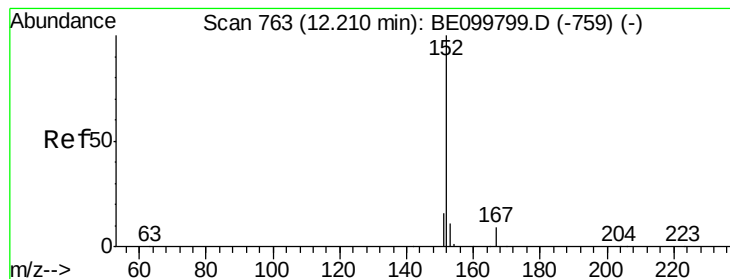


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.357 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

Instrument :

BNA_E

ClientSampleId :

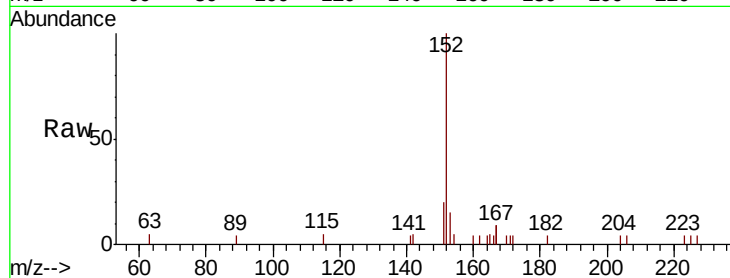
SSTDICCC0.4

Tot Ion:152 Resp: 2812

Ion Ratio Lower Upper

152 100

151 19.8 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.21

1000

800

600

400

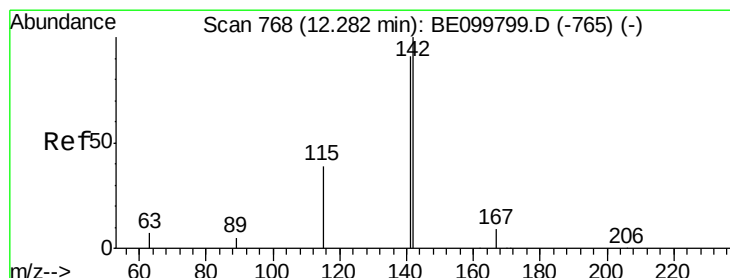
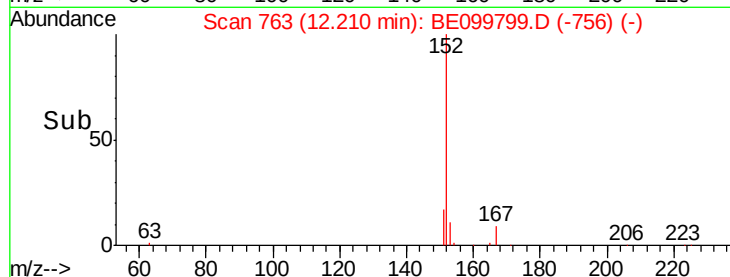
200

0

Time-->

12.20

12.40



#12

2-Methylnaphthalene

Concen: 0.344 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

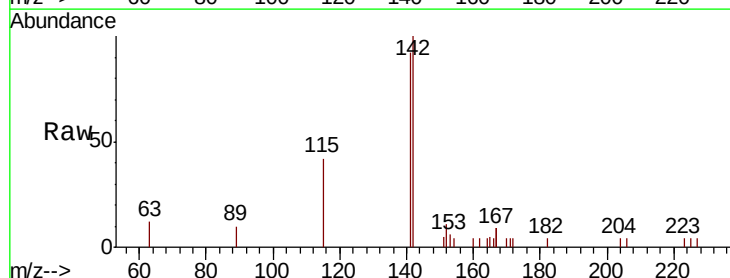
Tgt Ion:142 Resp: 2739

Ion Ratio Lower Upper

142 100

141 91.6 73.3 109.9

115 41.8 33.4 50.2



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

1500

1000

500

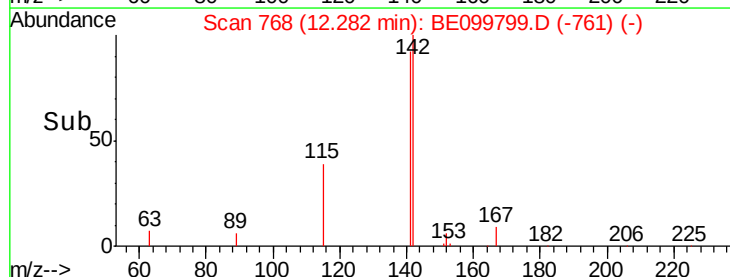
0

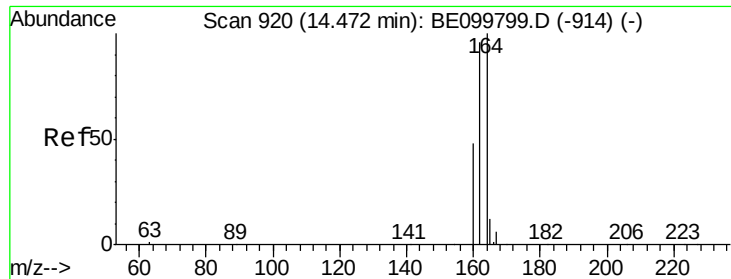
Time-->

12.20

12.30

12.40

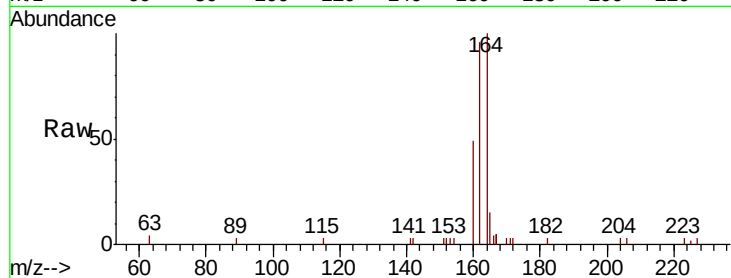




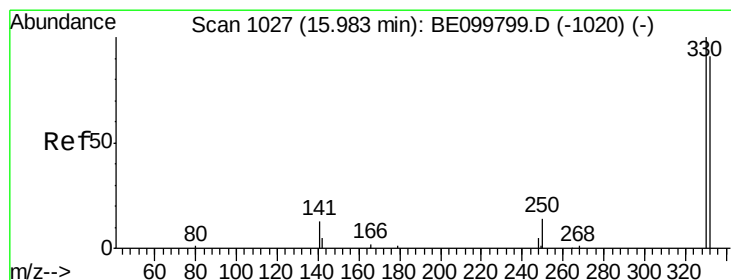
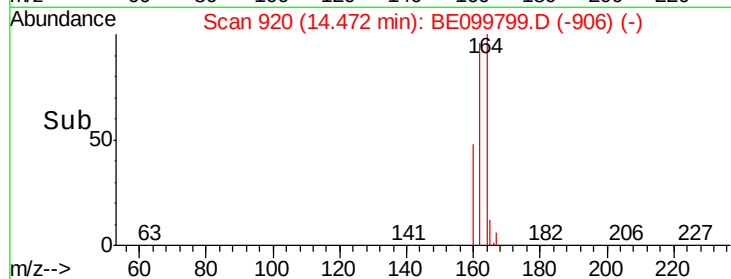
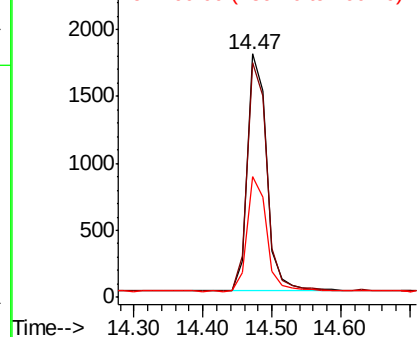
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:164 Resp: 3458
Ion Ratio Lower Upper
164 100
162 96.5 77.2 115.8
160 49.3 39.4 59.2

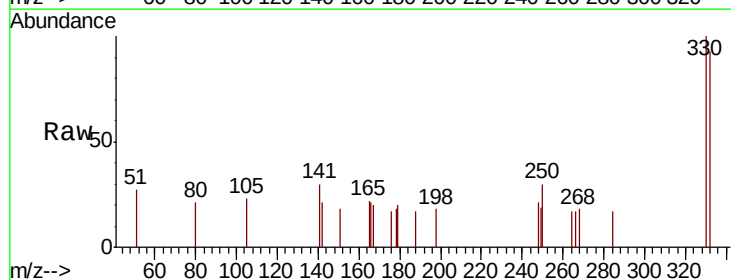


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

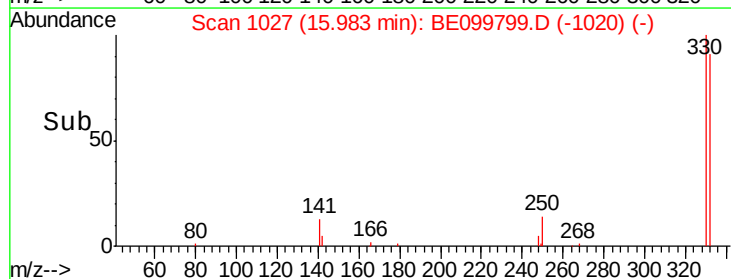
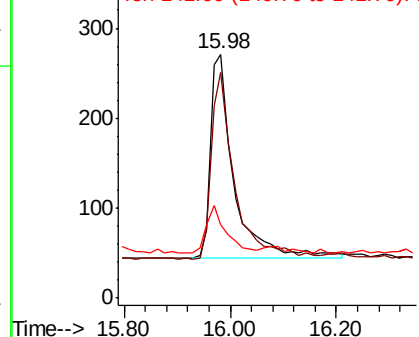


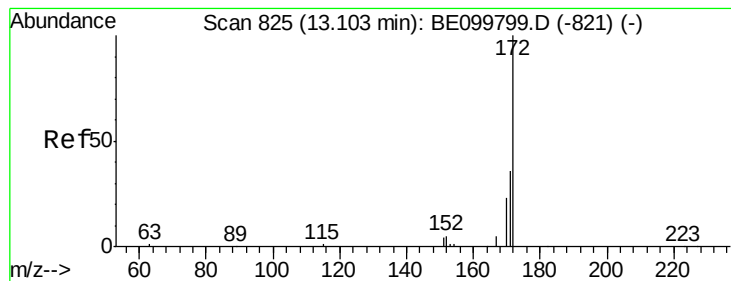
#14
2,4,6-Tribromophenol
Concen: 0.334 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

Tgt Ion:330 Resp: 684
Ion Ratio Lower Upper
330 100
332 93.6 72.9 109.3
141 20.0 15.6 23.4



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: 0.337 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

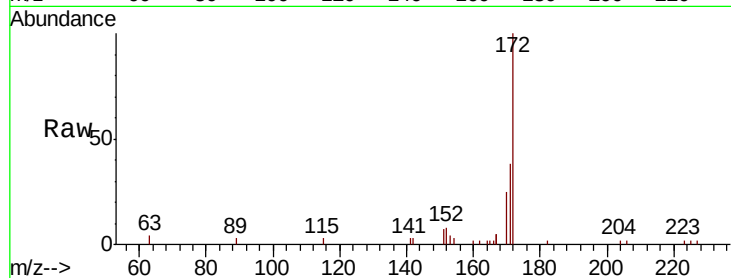
Tot Ion:172 Resp: 4417

Ion Ratio Lower Upper

172 100

171 37.8 30.2 45.4

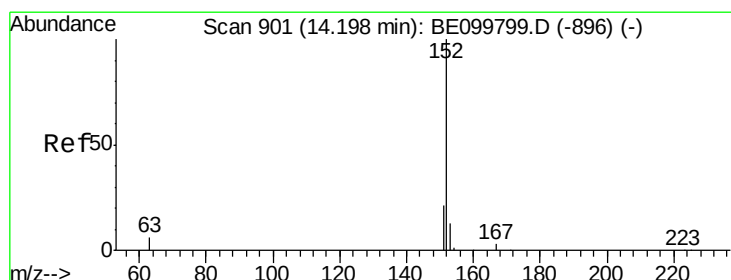
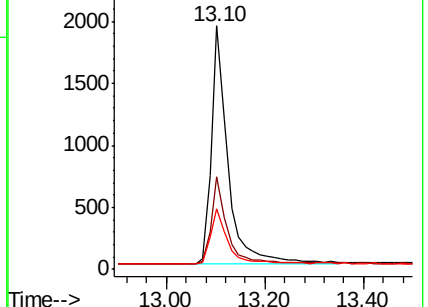
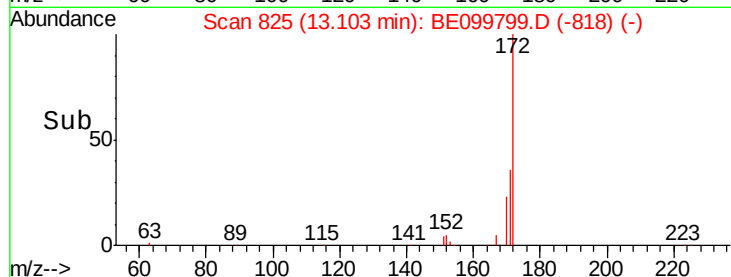
170 25.1 20.1 30.1



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: 0.364 ng

RT: 14.20 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

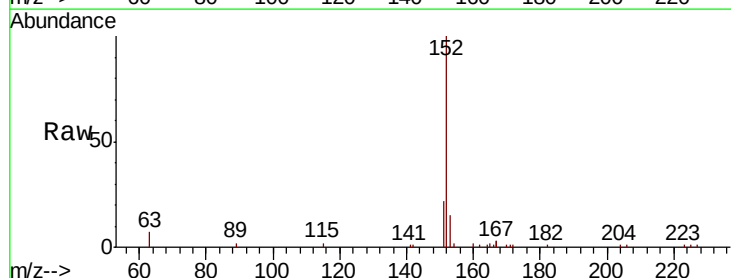
Tgt Ion:152 Resp: 5865

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

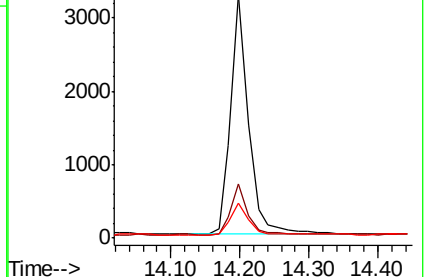
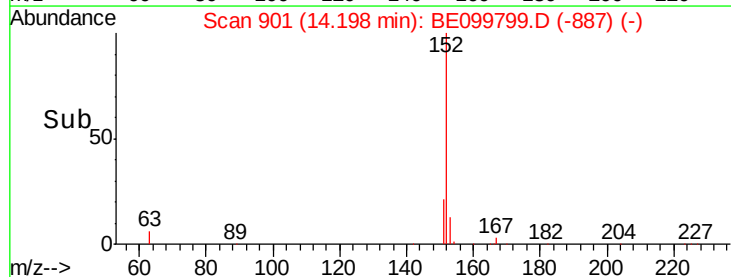
153 13.5 10.8 16.2

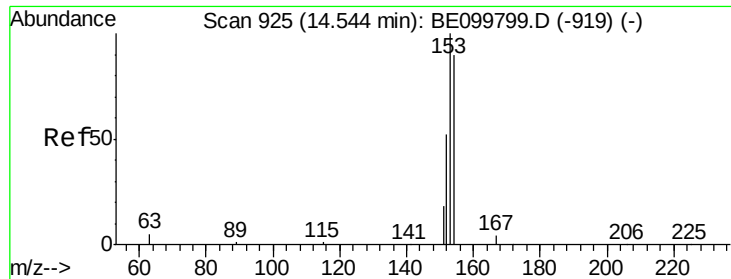


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

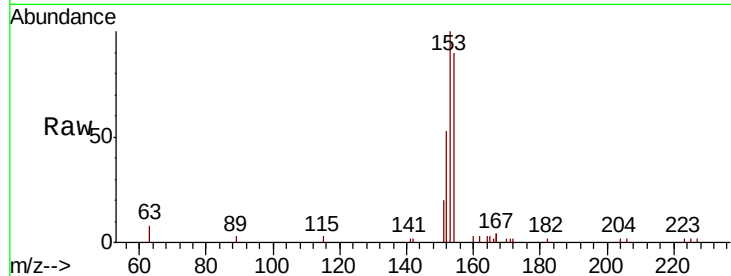




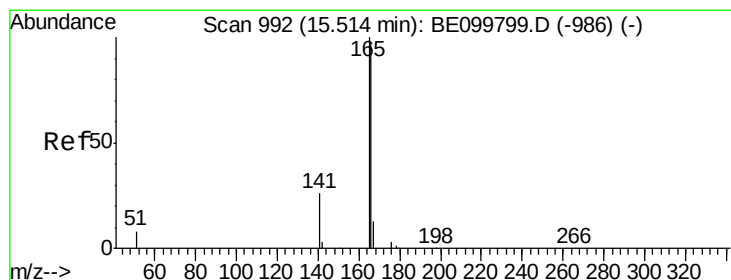
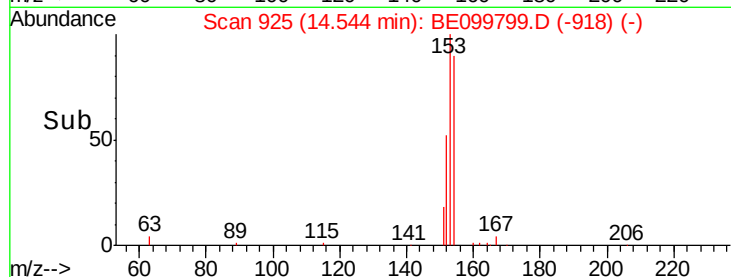
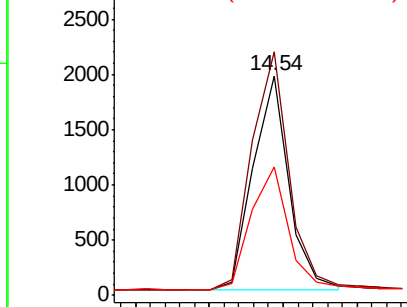
#17
Acenaphthene
Concen: 0.356 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:154 Resp: 3223
Ion Ratio Lower Upper
154 100
153 117.2 92.8 139.2
152 60.4 47.7 71.5

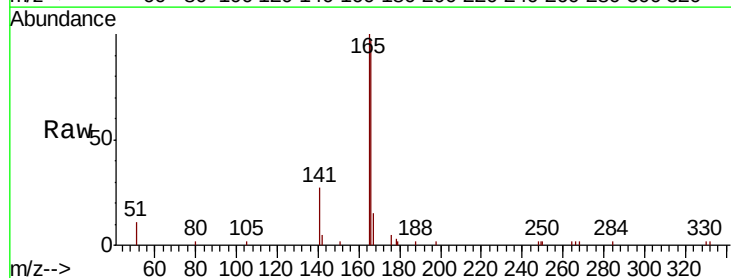


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

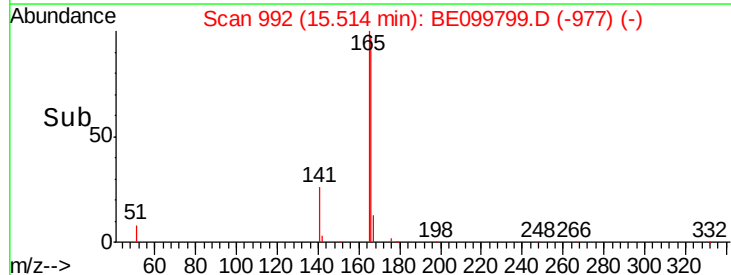
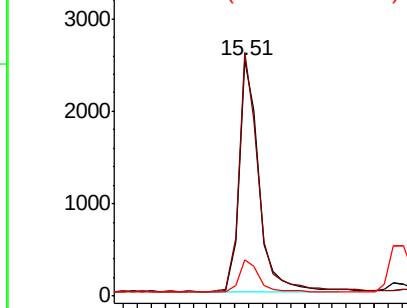


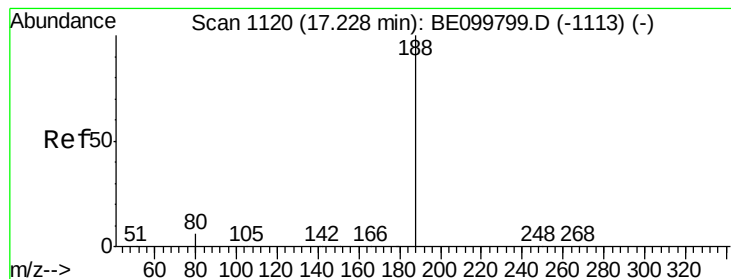
#18
Fluorene
Concen: 0.369 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

Tgt Ion:166 Resp: 4922
Ion Ratio Lower Upper
166 100
165 100.5 80.4 120.6
167 13.4 10.7 16.1



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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

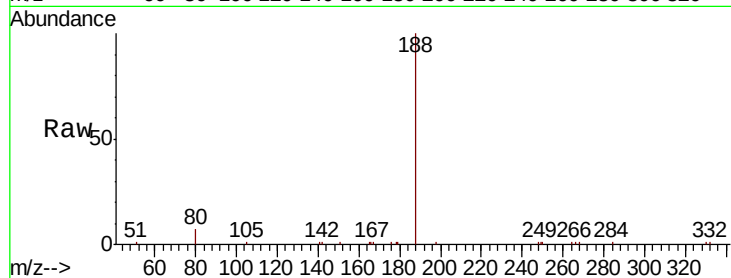
Tot Ion:188 Resp: 12301

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

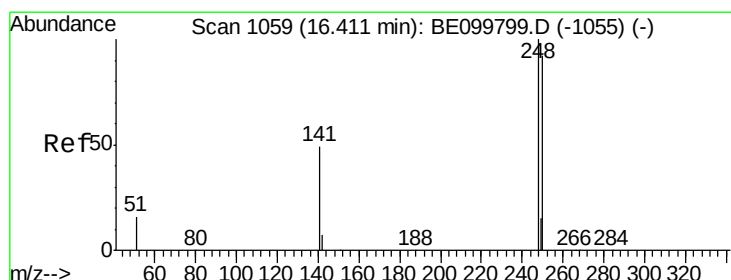
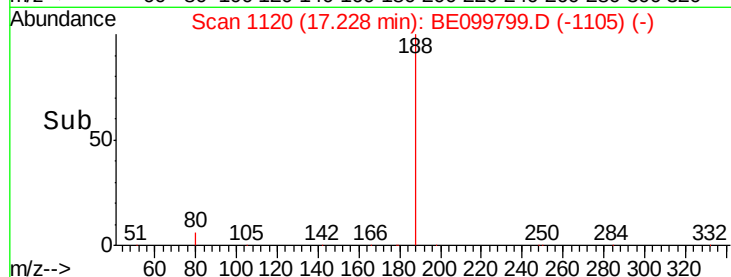
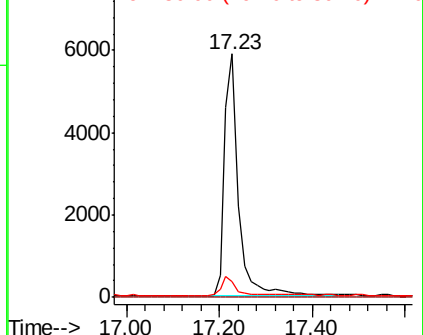
80 6.5 5.2 7.8



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: 0.316 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

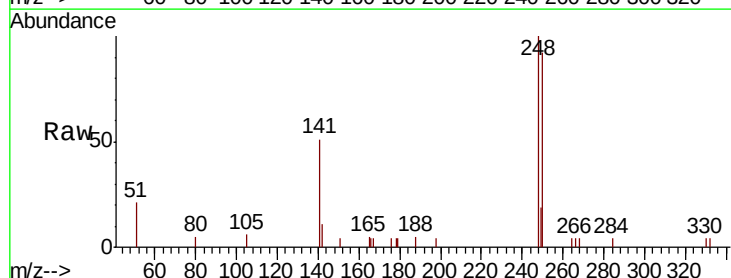
Tgt Ion:248 Resp: 2244

Ion Ratio Lower Upper

248 100

250 92.1 73.7 110.5

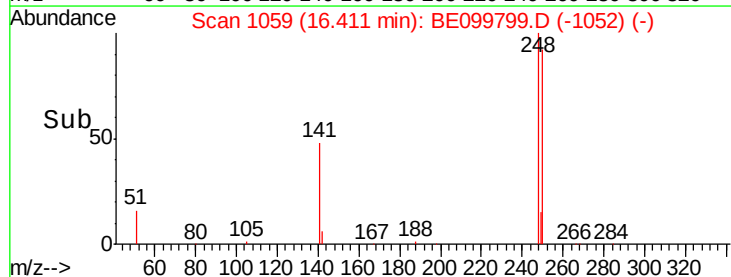
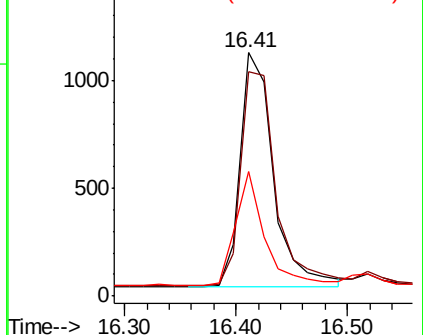
141 51.1 40.9 61.3

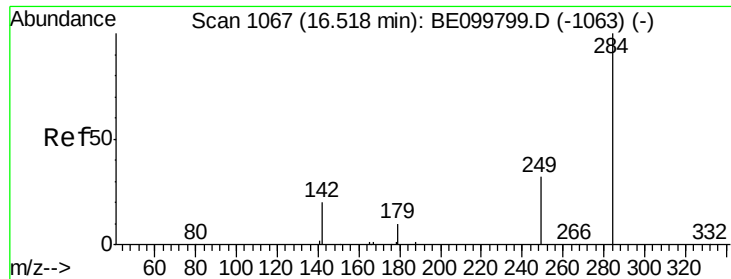


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.355 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

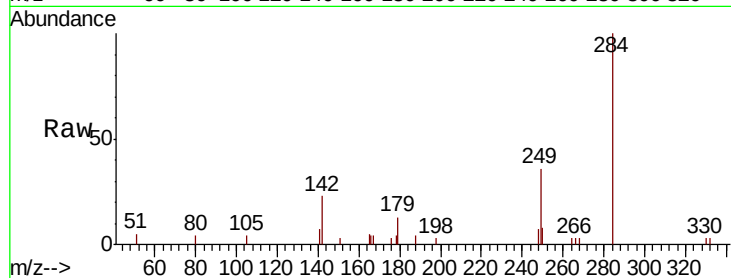
Tot Ion:284 Resp: 2579

Ion Ratio Lower Upper

284 100

142 20.3 16.2 24.4

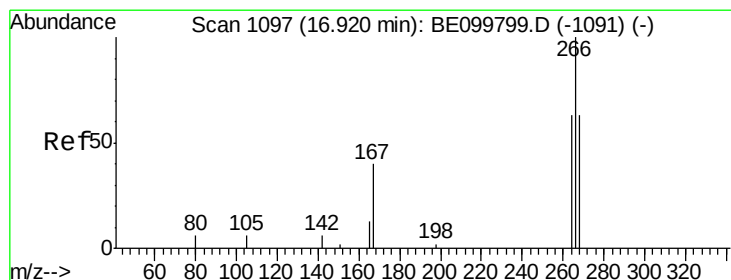
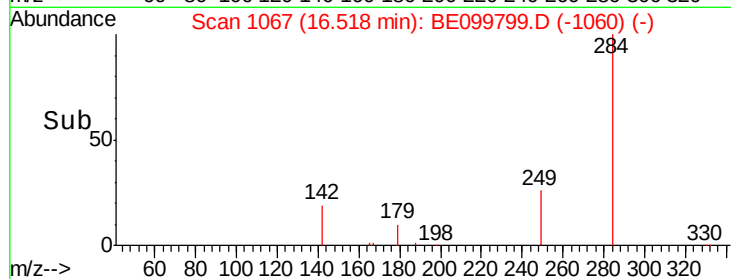
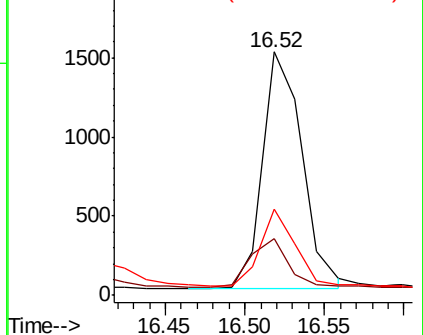
249 28.9 23.0 34.6



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: 0.167 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

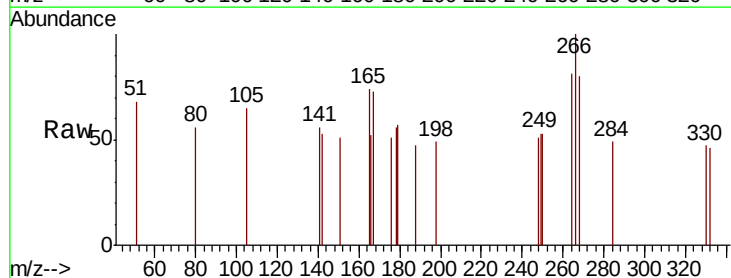
Tgt Ion:266 Resp: 348

Ion Ratio Lower Upper

266 100

264 81.1 64.9 97.3

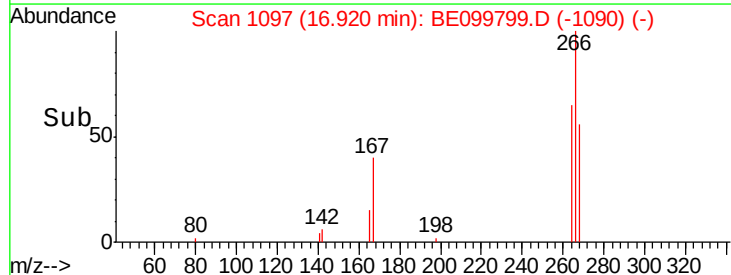
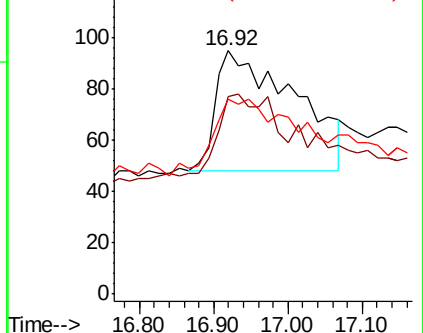
268 80.0 64.0 96.0

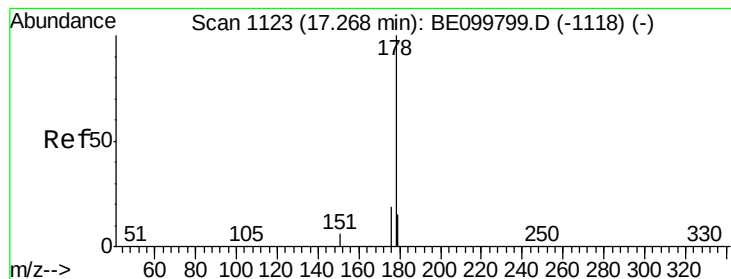


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.344 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

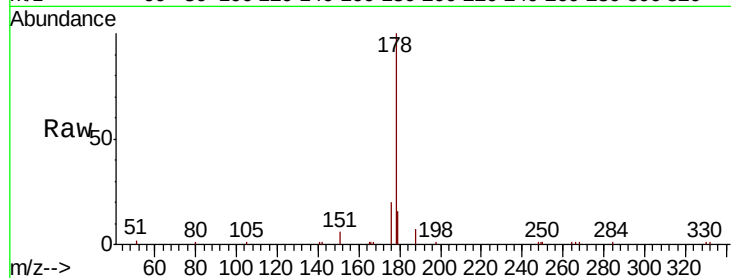
Tot Ion:178 Resp: 10326

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.6 12.5 18.7

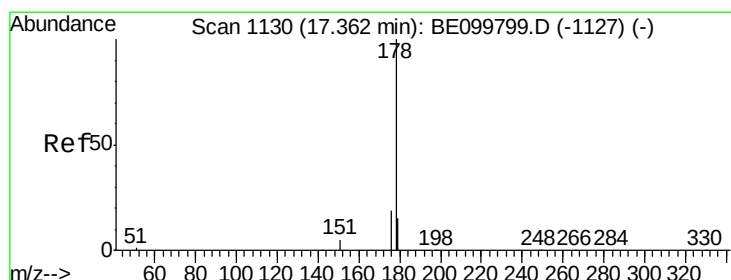
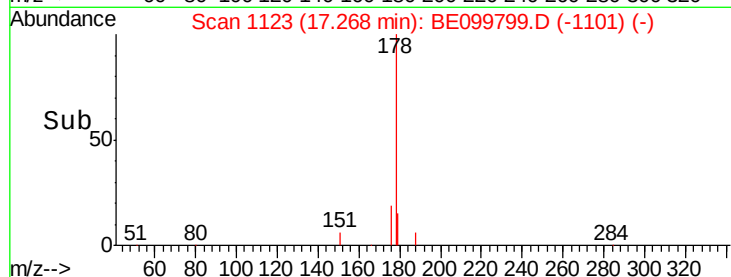
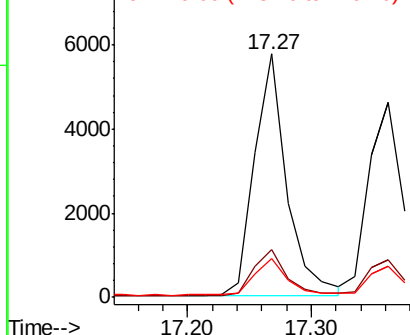


Abundance

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: 0.325 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

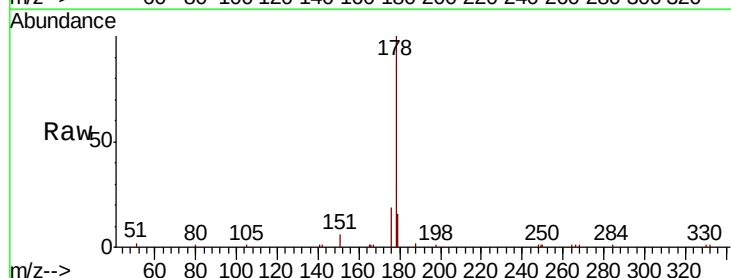
Tgt Ion:178 Resp: 8860

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.1 12.1 18.1

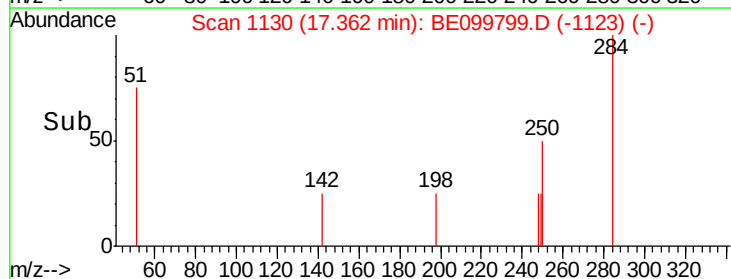
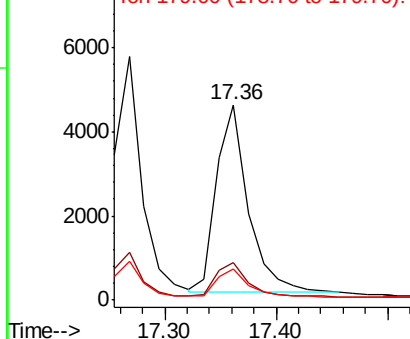


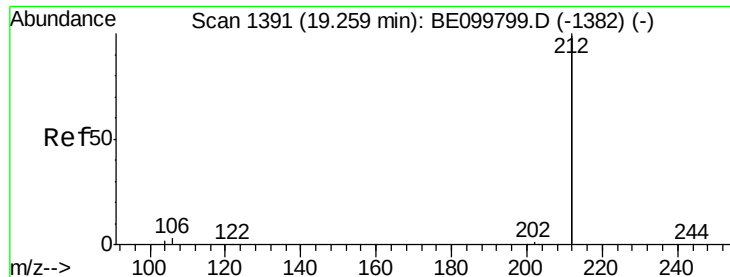
Abundance

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: 0.377 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

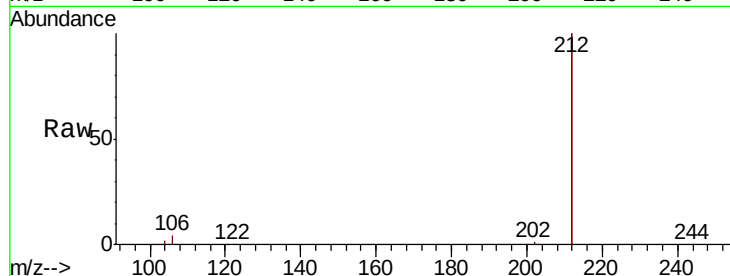
Tot Ion:212 Resp: 63418

Ion Ratio Lower Upper

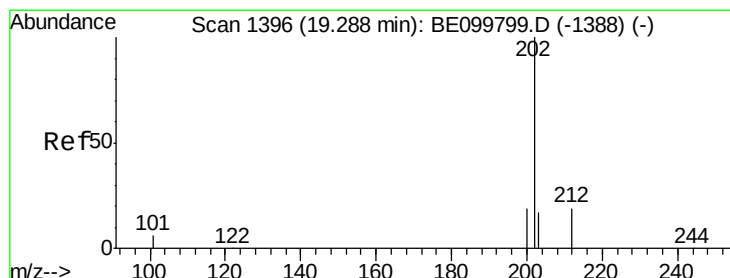
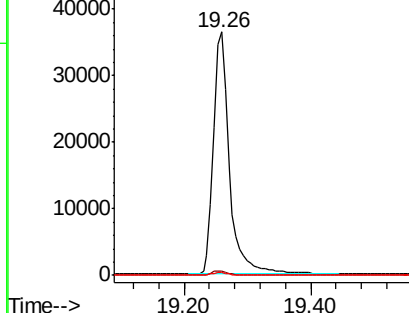
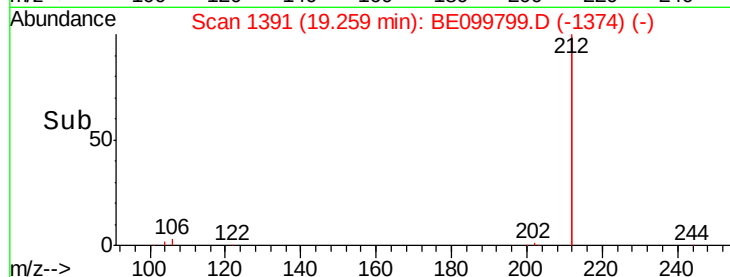
212 100

106 1.7 1.4 2.0

104 1.0 0.8 1.2



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: 0.381 ng

RT: 19.29 min Scan# 1396

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

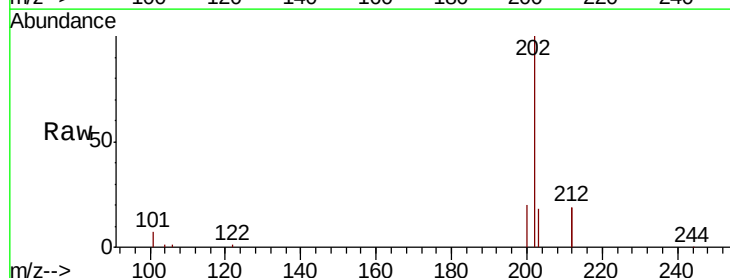
Tgt Ion:202 Resp: 18112

Ion Ratio Lower Upper

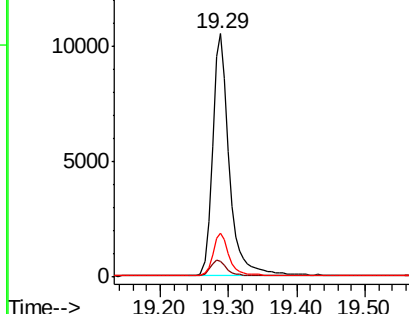
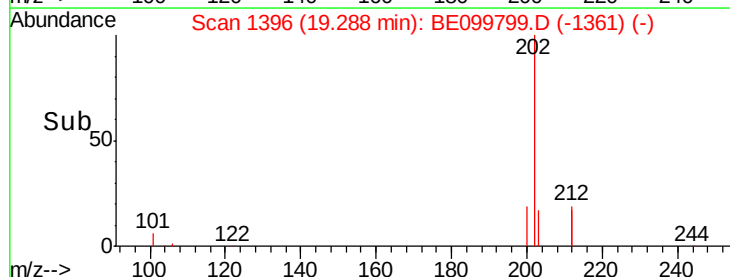
202 100

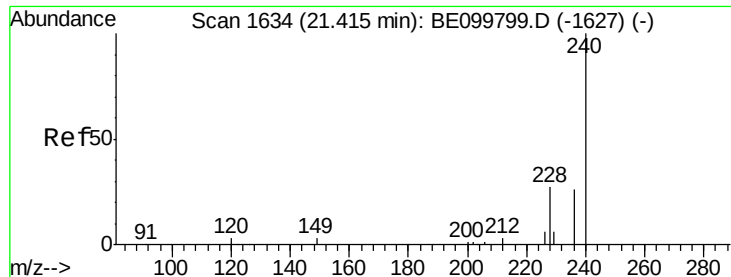
101 6.5 5.2 7.8

203 17.0 13.6 20.4



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

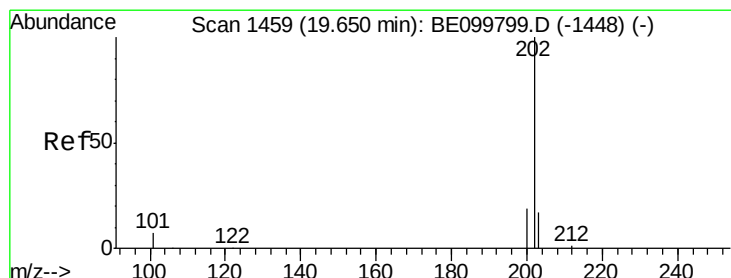
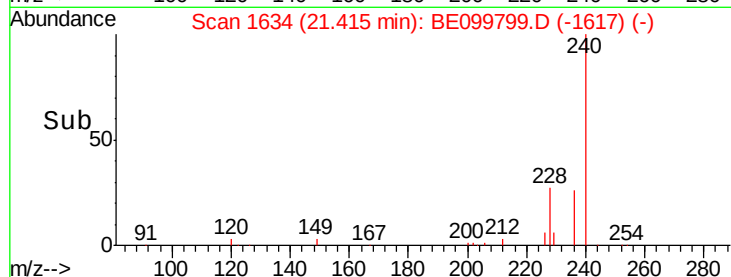
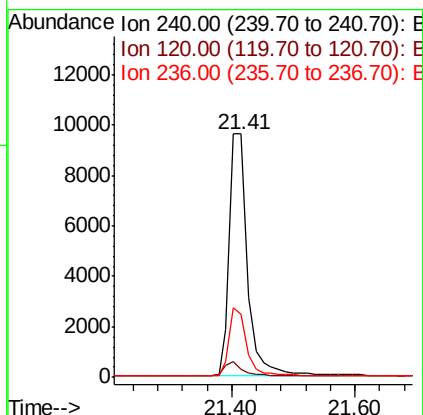
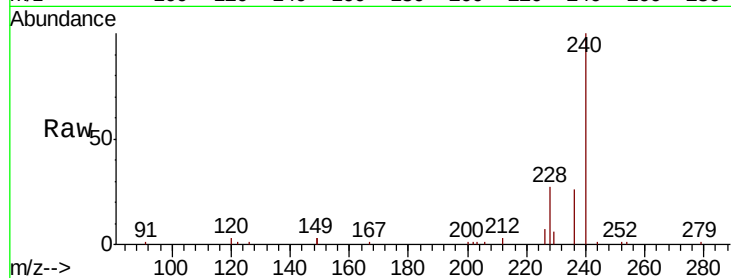




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

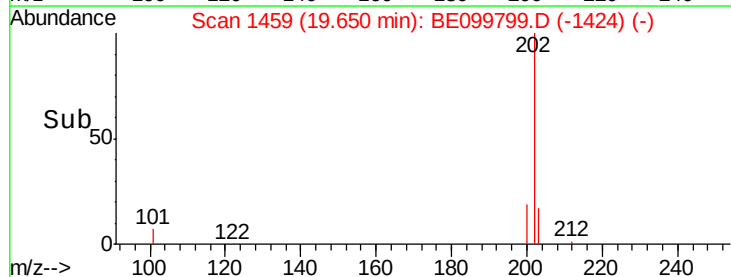
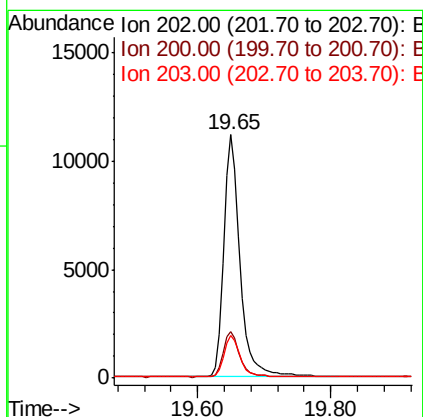
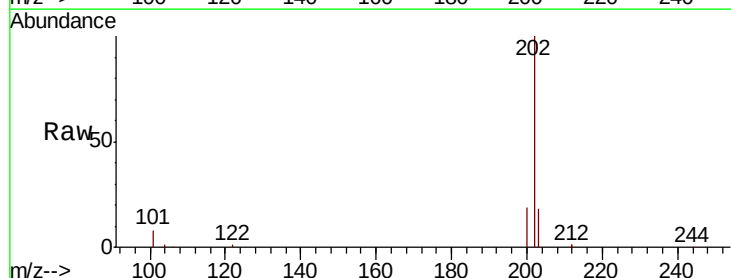
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

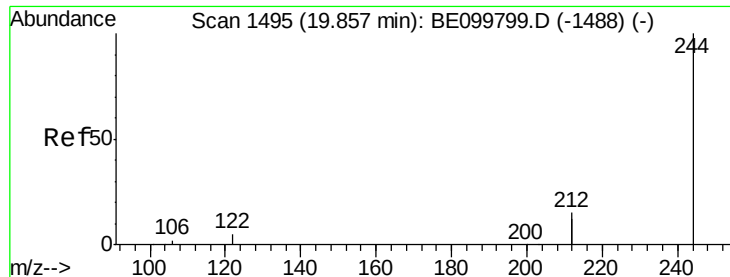
Tot Ion:240 Resp: 19768
Ion Ratio Lower Upper
240 100
120 3.5 2.8 4.2
236 26.1 20.9 31.3



#28
Pyrene
Concen: 0.379 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

Tgt Ion:202 Resp: 18818
Ion Ratio Lower Upper
202 100
200 19.5 15.6 23.4
203 17.6 14.1 21.1





#29

Terphenyl-d14

Concen: 0.358 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

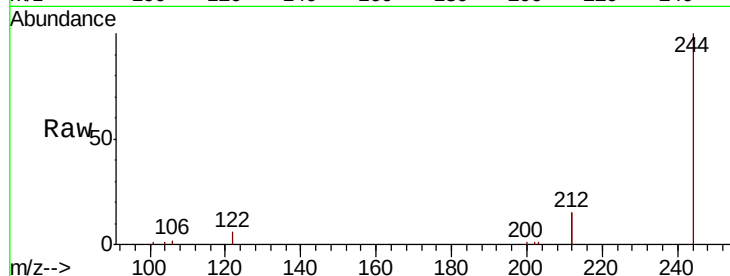
Tot Ion:244 Resp: 12630

Ion Ratio Lower Upper

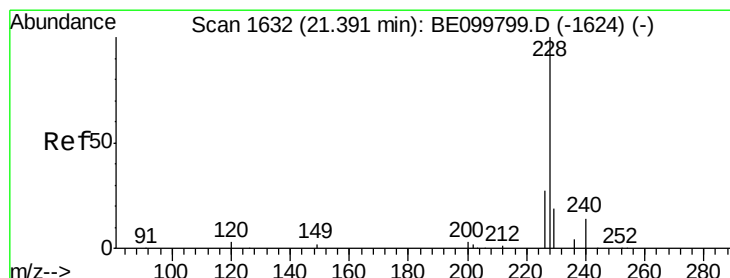
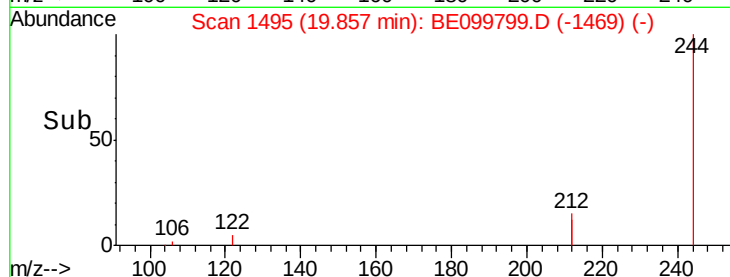
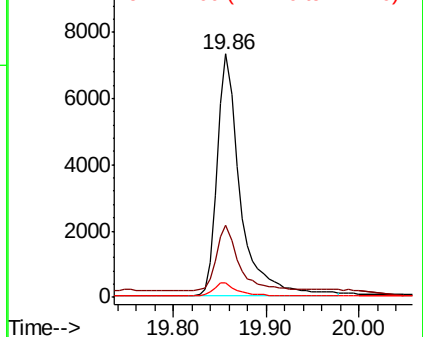
244 100

212 29.6 23.7 35.5

122 6.0 4.8 7.2



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: 0.372 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

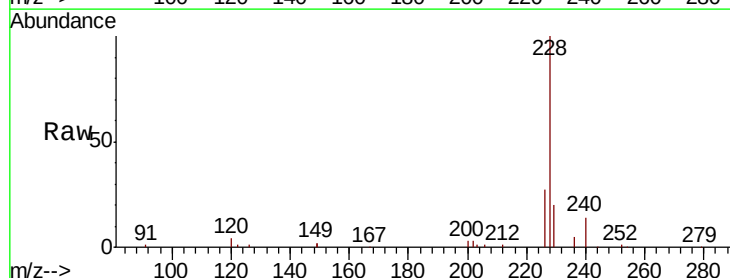
Tgt Ion:228 Resp: 20886

Ion Ratio Lower Upper

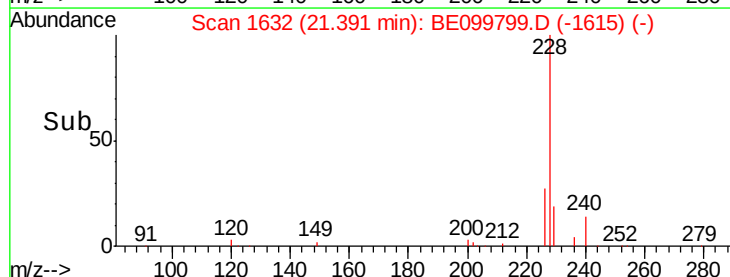
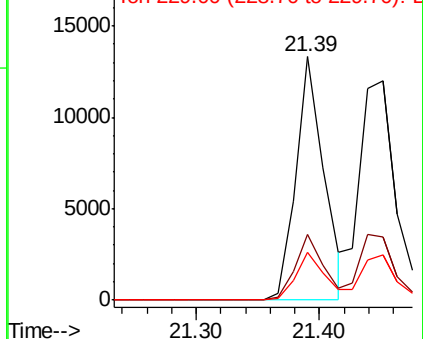
228 100

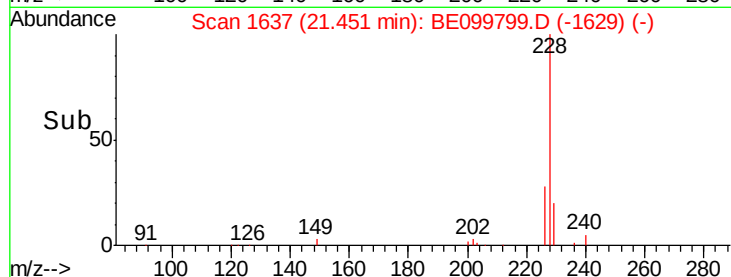
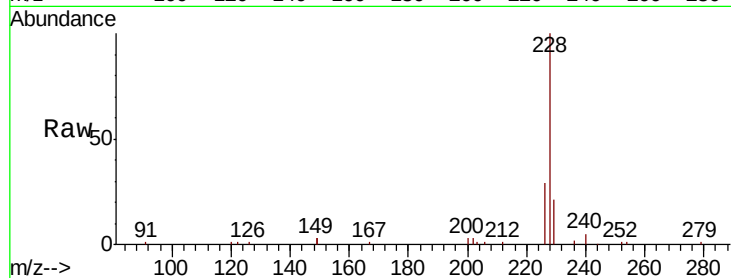
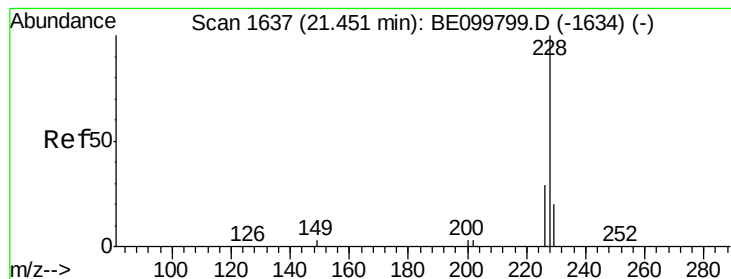
226 27.0 21.6 32.4

229 19.7 15.8 23.6



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: 0.398 ng

RT: 21.45 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

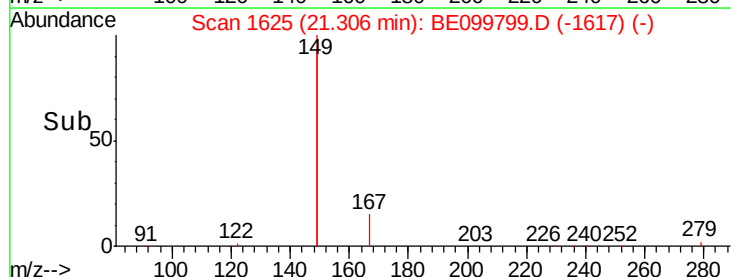
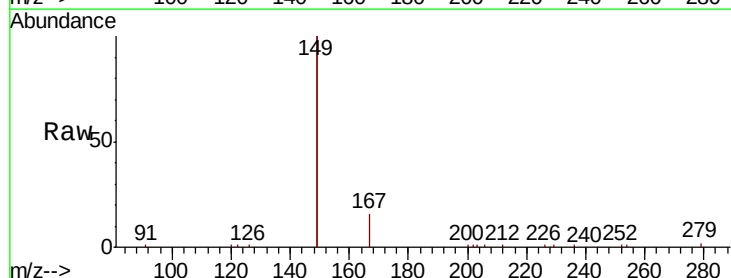
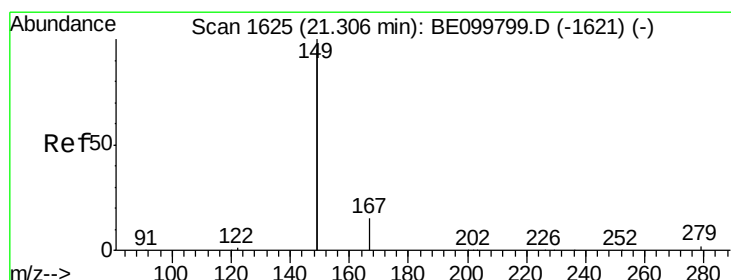
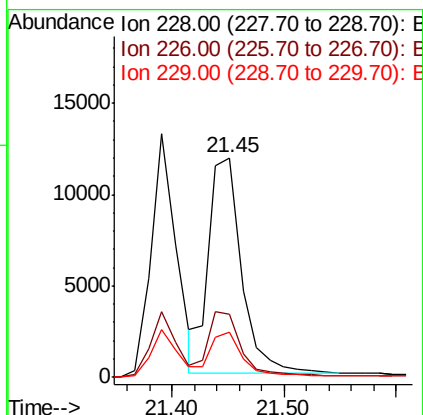
Tot Ion:228 Resp: 23911

Ion Ratio Lower Upper

228 100

226 28.6 22.9 34.3

229 20.5 16.4 24.6



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.375 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

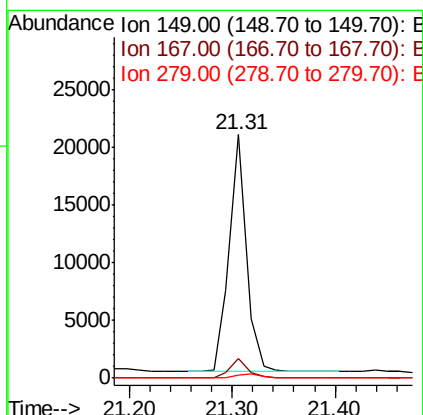
Tgt Ion:149 Resp: 24247

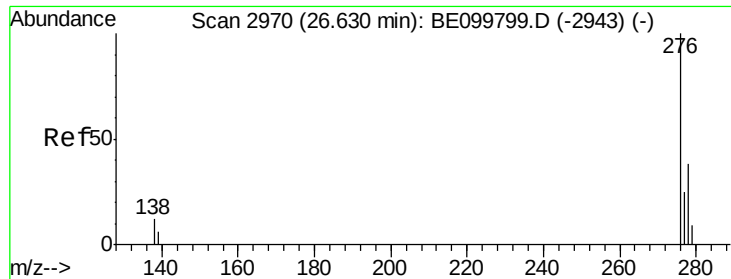
Ion Ratio Lower Upper

149 100

167 7.5 6.0 9.0

279 1.5 1.2 1.8

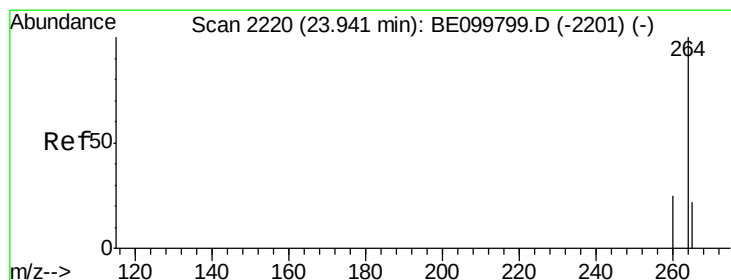
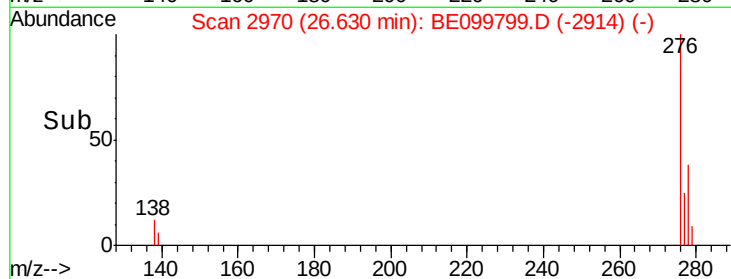
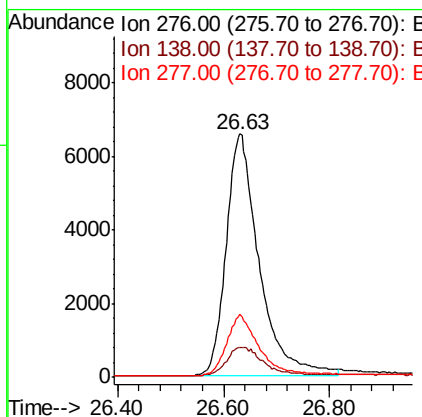
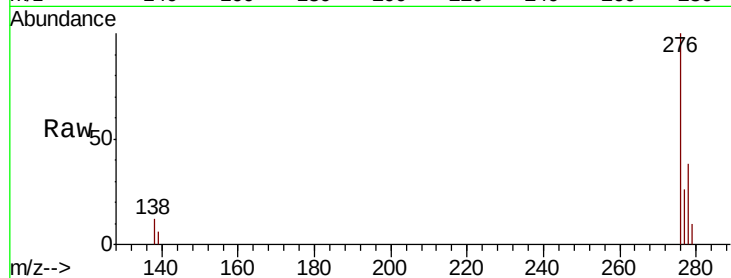




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.391 ng
 RT: 26.63 min Scan# 2970
 Delta R.T. 0.00 min
 Lab File: BE099799.D
 Acq: 5 Jun 2019 10:25

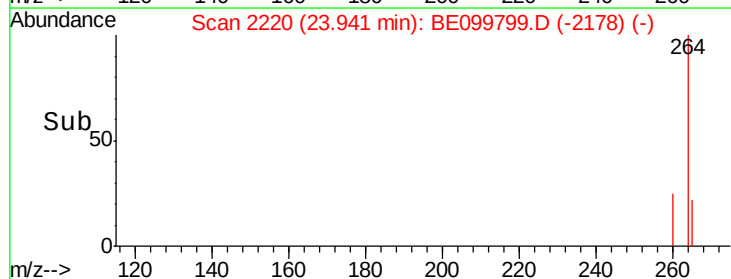
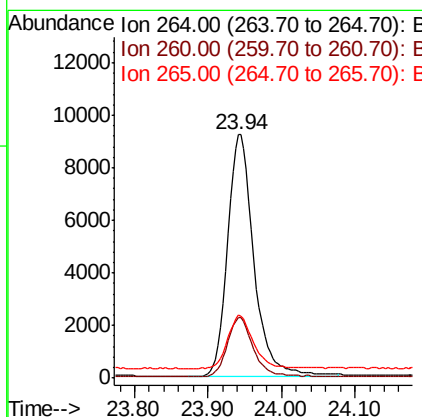
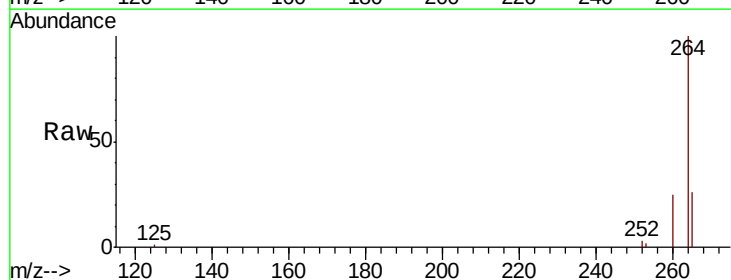
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

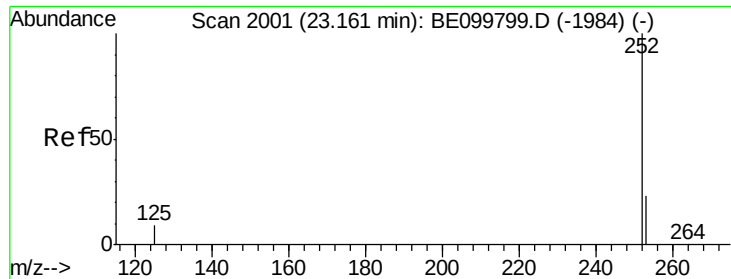
Tot Ion:276 Resp: 28377
 Ion Ratio Lower Upper
 276 100
 138 12.9 10.3 15.5
 277 24.3 19.4 29.2



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2220
 Delta R.T. 0.00 min
 Lab File: BE099799.D
 Acq: 5 Jun 2019 10:25

Tgt Ion:264 Resp: 23332
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.0 30.0
 265 25.9 20.7 31.1

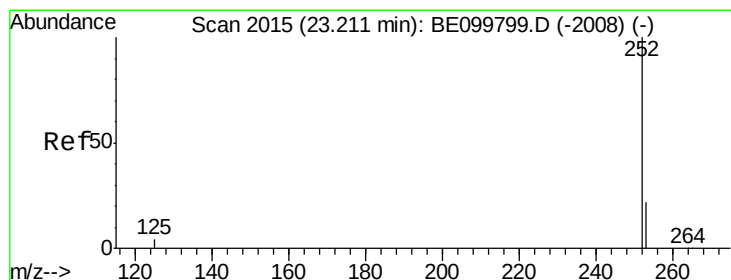
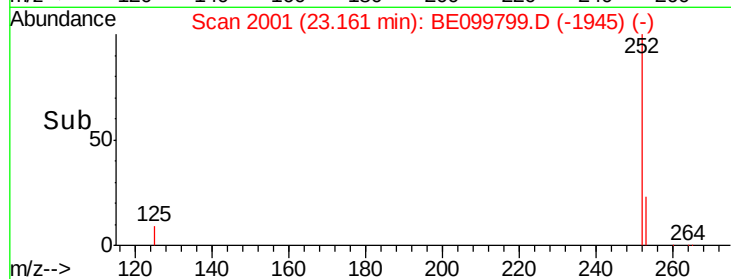
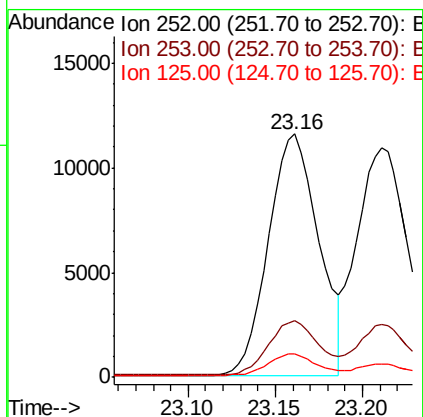
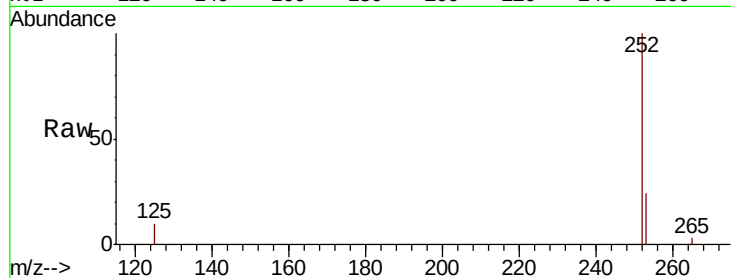




#35
Benzo(b)fluoranthene
Concen: 0.362 ng
RT: 23.16 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

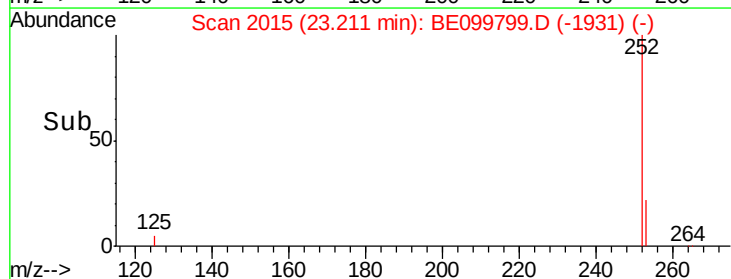
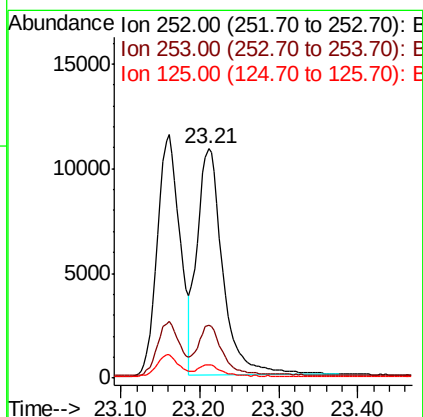
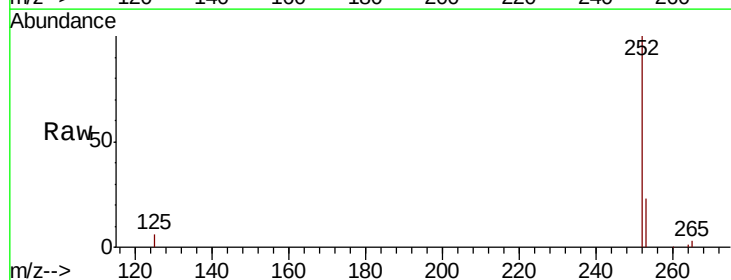
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

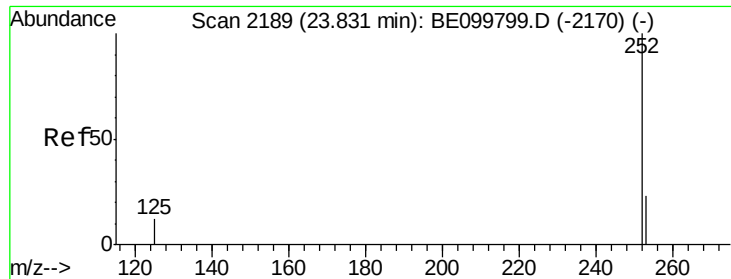
Tot Ion:252 Resp: 23168
Ion Ratio Lower Upper
252 100
253 23.6 18.9 28.3
125 9.5 7.6 11.4



#36
Benzo(k)fluoranthene
Concen: 0.371 ng
RT: 23.21 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BE099799.D
Acq: 5 Jun 2019 10:25

Tgt Ion:252 Resp: 24701
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 5.8 4.6 7.0





#37

Benzo(a)pyrene

Concen: 0.368 ng

RT: 23.83 min Scan# 2189

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

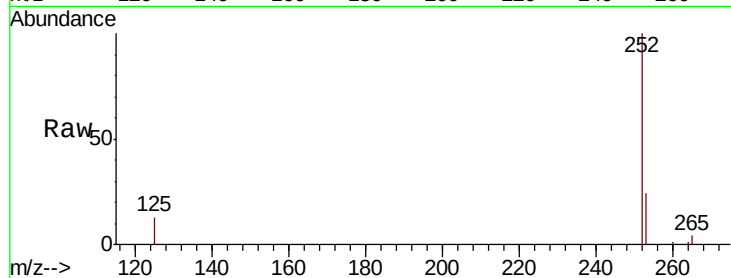
Tot Ion:252 Resp: 22636

Ion Ratio Lower Upper

252 100

253 24.1 19.3 28.9

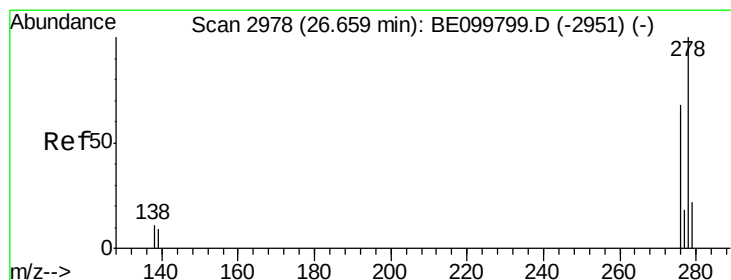
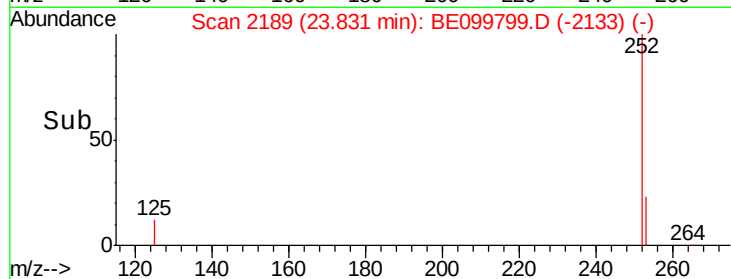
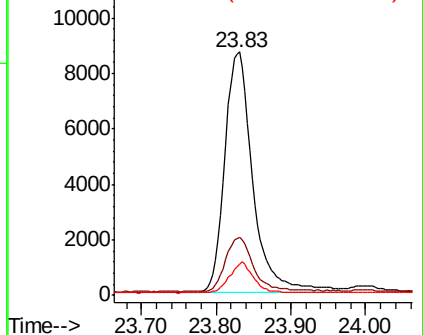
125 12.8 10.2 15.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.347 ng

RT: 26.66 min Scan# 2978

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

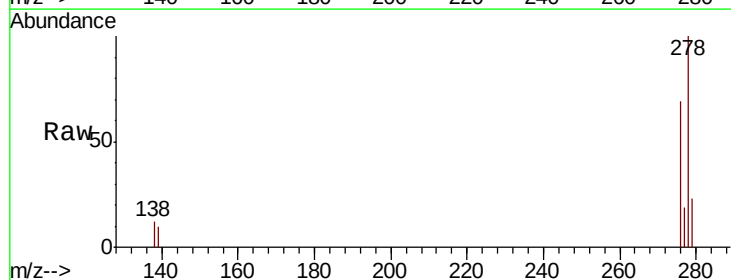
Tgt Ion:278 Resp: 22396

Ion Ratio Lower Upper

278 100

139 9.9 7.9 11.9

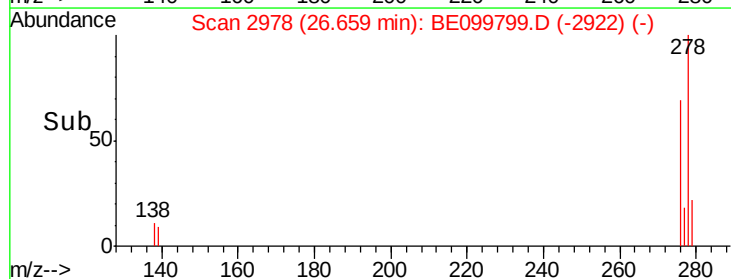
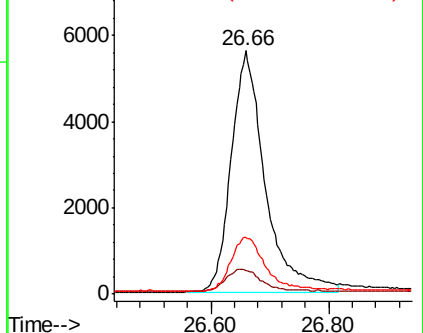
279 23.1 18.5 27.7

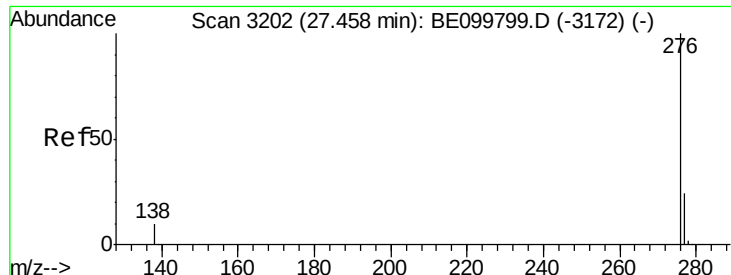


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.362 ng

RT: 27.46 min Scan# 3202

Delta R.T. 0.00 min

Lab File: BE099799.D

Acq: 5 Jun 2019 10:25

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

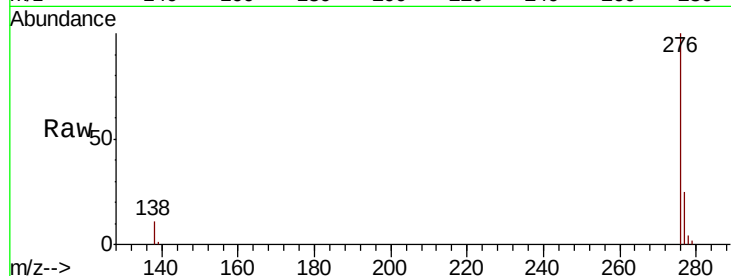
Tot Ion:276 Resp: 23620

Ion Ratio Lower Upper

276 100

277 24.5 19.6 29.4

138 11.2 9.0 13.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

