

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060619\
 Data File : BE099843.D
 Acq On : 7 Jun 2019 4:03
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jun 07 05:19:31 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 14:35:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1325	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	5003	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3838	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	11081	0.40	ng	0.00
27) Chrysene-d12	21.41	240	14293	0.40	ng	0.00
34) Perylene-d12	23.97	264	16312	0.40	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	1323	0.41	ng	0.01
5) Phenol-d6	6.97	99	1991	0.48	ng	0.01
8) Nitrobenzene-d5	8.96	82	1781	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3293	0.38	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	1210	0.54	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	5169	0.36	ng	0.00
25) Fluoranthene-d10	19.26	212	50163	0.30	ng	0.00
29) Terphenyl-d14	19.86	244	11170	0.48	ng	0.00

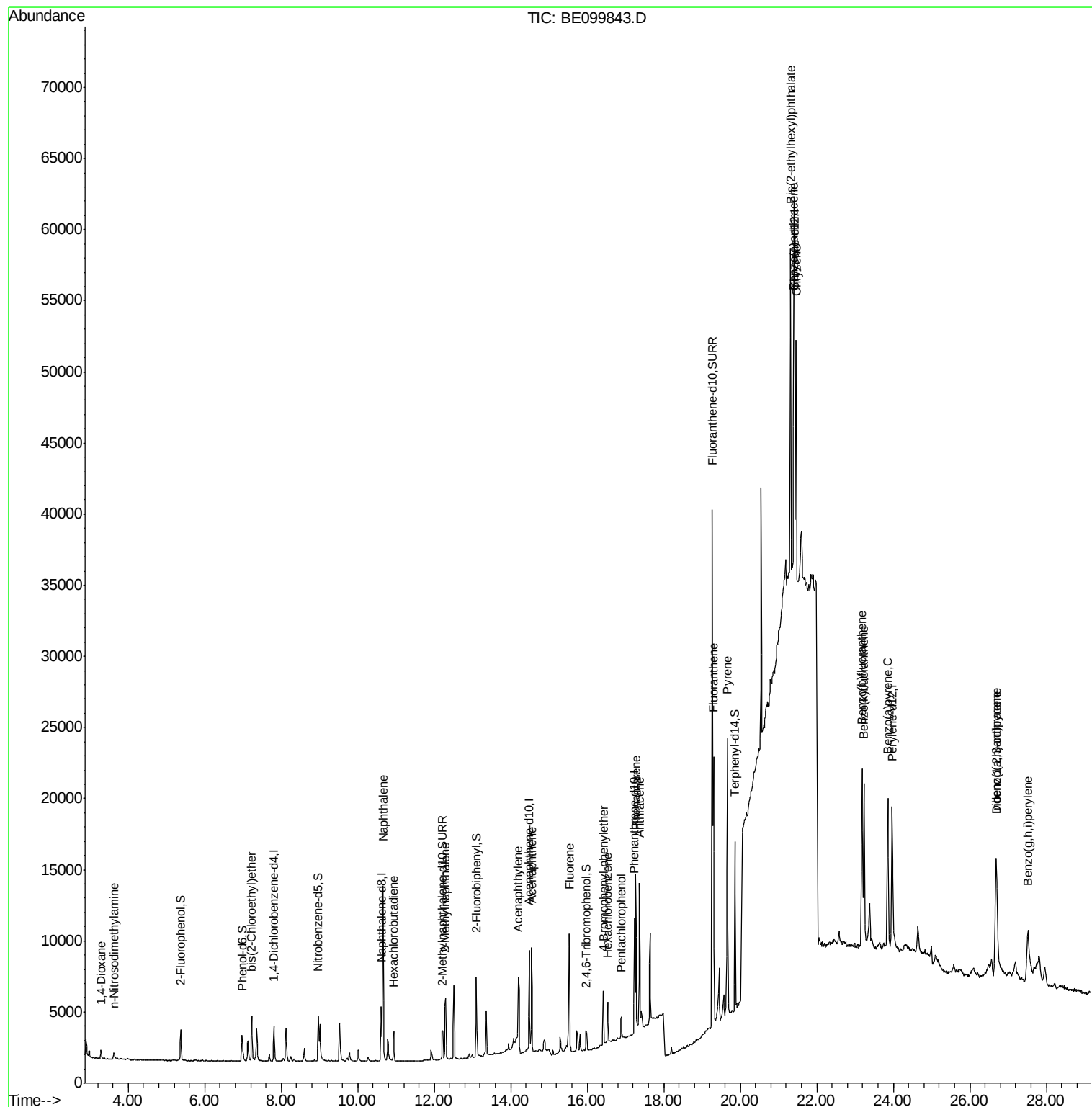
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	536	0.279	ng	99
3) n-Nitrosodimethylamine	3.62	42	361	0.354	ng	# 97
6) bis(2-Chloroethyl)ether	7.23	93	1371	0.377	ng	98
9) Naphthalene	10.67	128	20933	0.392	ng	99
10) Hexachlorobutadiene	10.94	225	1510	0.371	ng	97
12) 2-Methylnaphthalene	12.30	142	3475	0.408	ng	97
16) Acenaphthylene	14.20	152	12155	0.656	ng	98
17) Acenaphthene	14.54	154	4261	0.420	ng	96
18) Fluorene	15.53	166	7583	0.508	ng	94
20) 4-Bromophenyl-phenylether	16.43	248	2458	0.398	ng	# 77
21) Hexachlorobenzene	16.53	284	2375	0.350	ng	93
22) Pentachlorophenol	16.89	266	1171	0.806	ng	# 85
23) Phenanthrene	17.27	178	12296	0.465	ng	95
24) Anthracene	17.36	178	11188	0.468	ng	# 95
26) Fluoranthene	19.30	202	18148	0.392	ng	98
28) Pyrene	19.66	202	18162	0.526	ng	# 92
30) Benzo(a)anthracene	21.40	228	20049	0.508	ng	# 66
31) Chrysene	21.46	228	17527	0.402	ng	# 76
32) Bis(2-ethylhexyl)phthalate	21.32	149	29907	0.660	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.68	276	14397	0.275	ng	# 78
35) Benzo(b)fluoranthene	23.18	252	18344	0.406	ng	# 68
36) Benzo(k)fluoranthene	23.23	252	17072	0.356	ng	# 70
37) Benzo(a)pyrene	23.85	252	17576	0.401	ng	# 61
38) Dibenzo(a,h)anthracene	26.69	278	12561	0.282	ng	# 45
39) Benzo(g,h,i)perylene	27.52	276	12458	0.266	ng	# 54

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060619\
Data File : BE099843.D
Acq On : 7 Jun 2019 4:03
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 07 05:19:31 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 14:35:58 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. -0.00 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

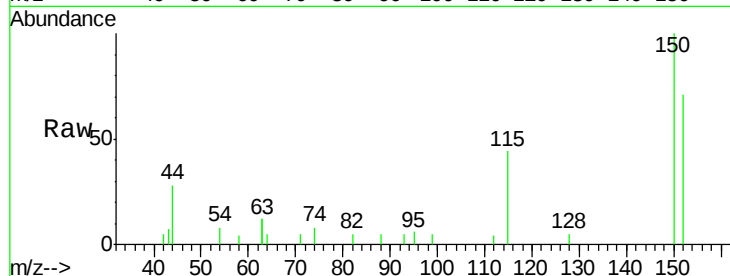
Tot Ion:152 Resp: 1325

Ion Ratio Lower Upper

152 100

150 141.6 112.8 169.2

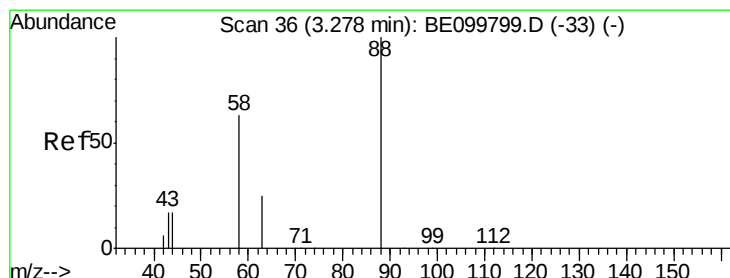
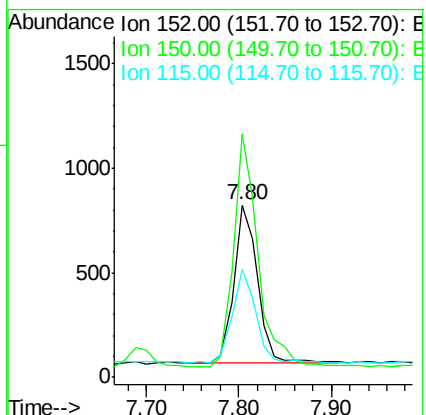
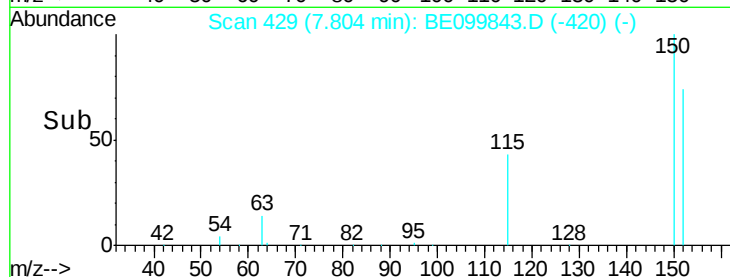
115 62.5 47.6 71.4



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: 0.279 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.01 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

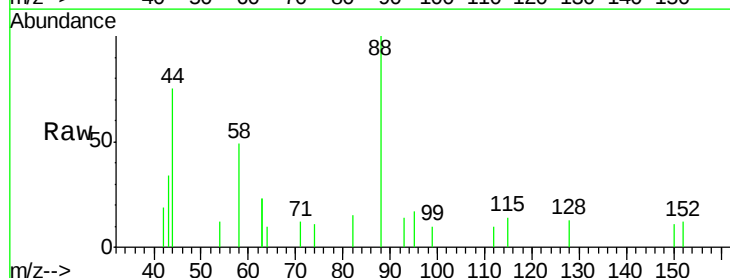
Tgt Ion: 88 Resp: 536

Ion Ratio Lower Upper

88 100

58 58.4 47.3 70.9

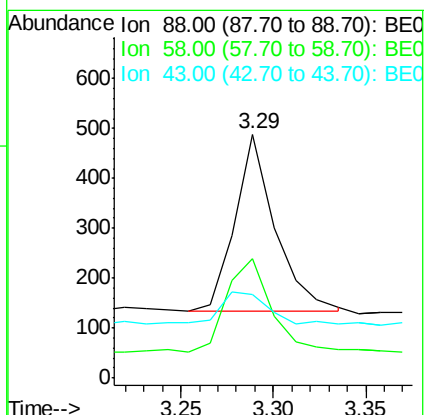
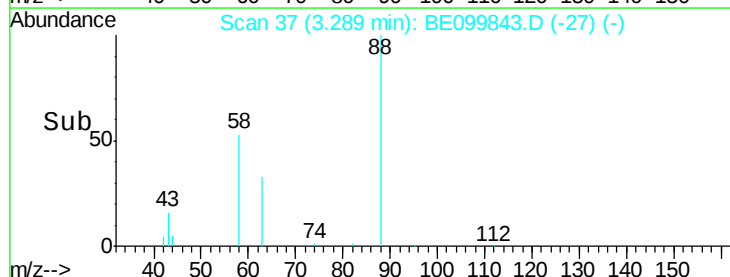
43 23.3 18.2 27.4

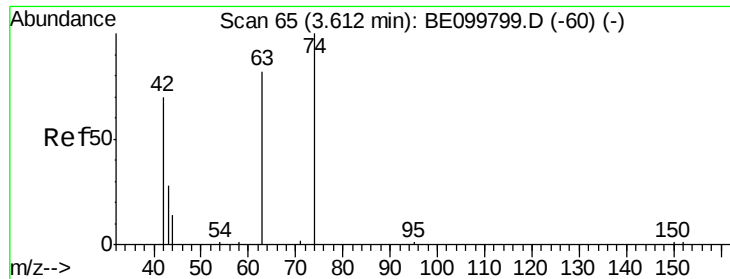


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.354 ng

RT: 3.62 min Scan# 66

Delta R.T. 0.01 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

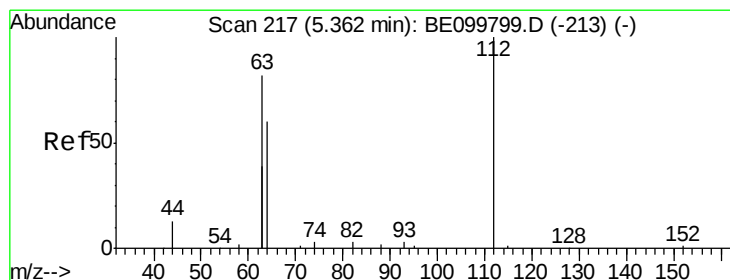
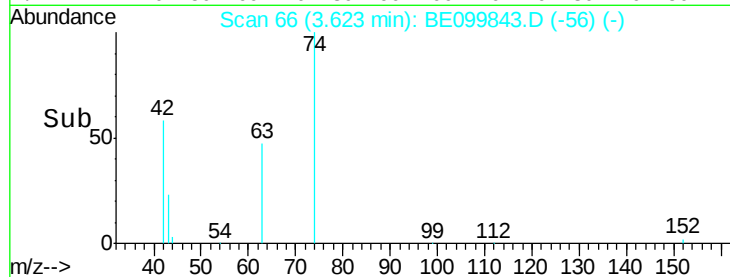
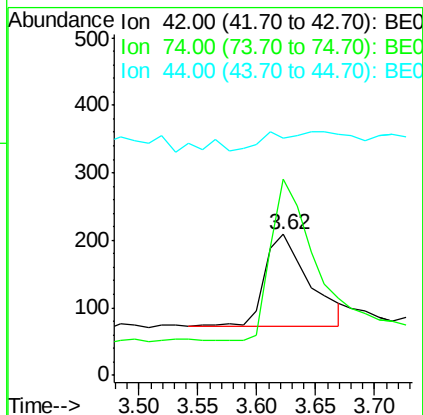
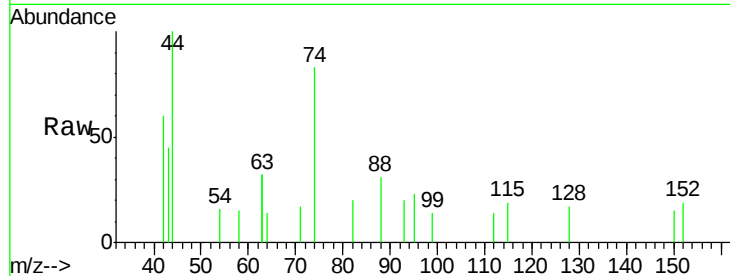
Tot Ion: 42 Resp: 361

Ion Ratio Lower Upper

42 100

74 165.7 132.6 198.8

44 30.2 13.4 20.0#



#4

2-Fluorophenol

Concen: 0.410 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.01 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

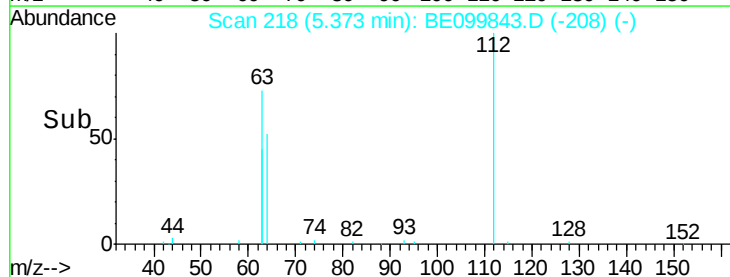
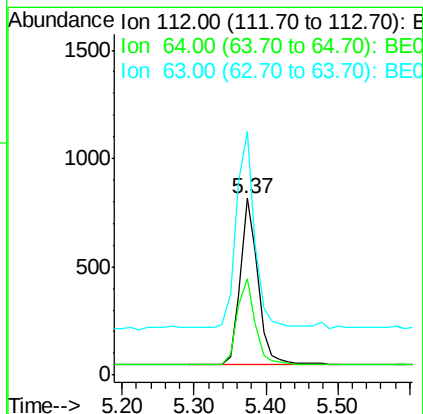
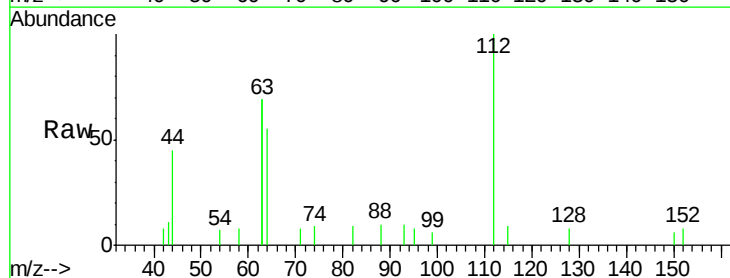
Tgt Ion: 112 Resp: 1323

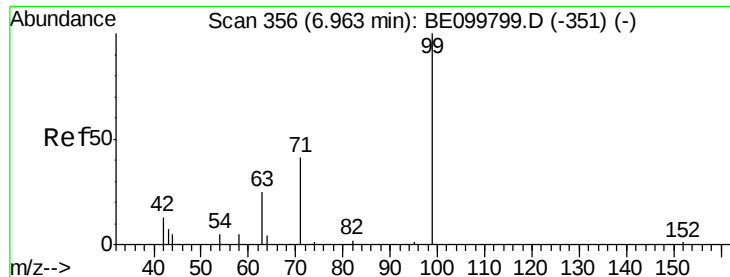
Ion Ratio Lower Upper

112 100

64 52.2 47.2 70.8

63 119.2 90.7 136.1





#5

Phenol-d6

Concen: 0.480 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

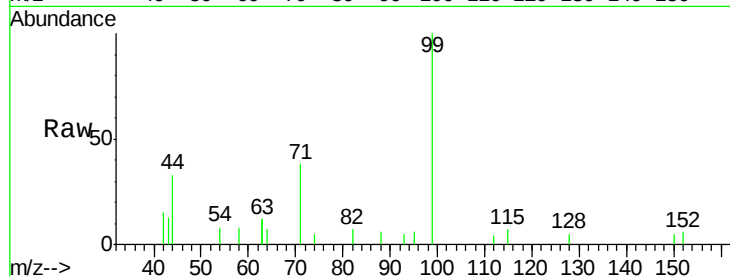
Tot Ion: 99 Resp: 1991

Ion Ratio Lower Upper

99 100

42 13.6 11.0 16.4

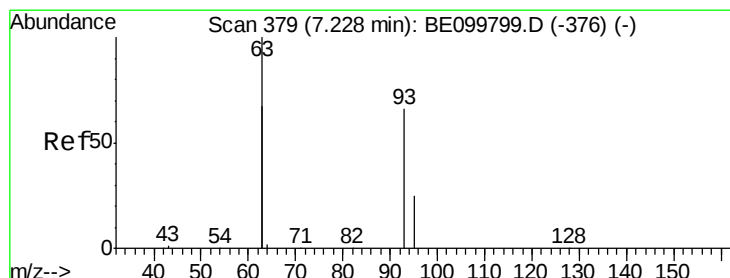
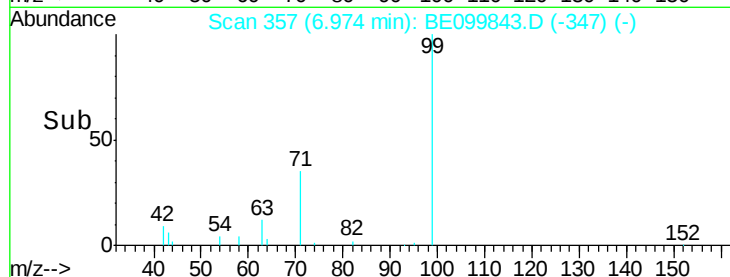
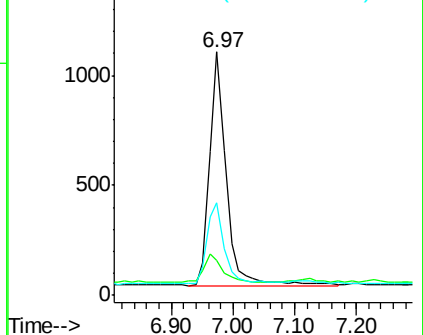
71 36.5 26.1 39.1



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



#6

bis(2-Chloroethyl)ether

Concen: 0.377 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.00 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

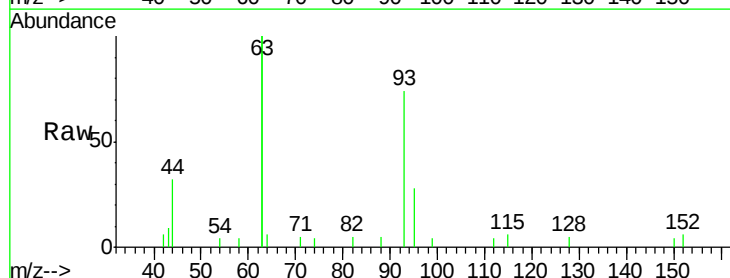
Tgt Ion: 93 Resp: 1371

Ion Ratio Lower Upper

93 100

63 256.7 208.8 313.2

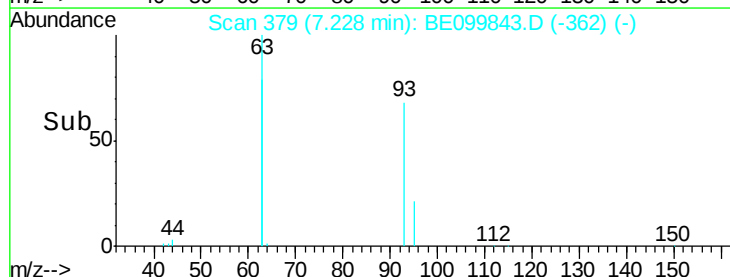
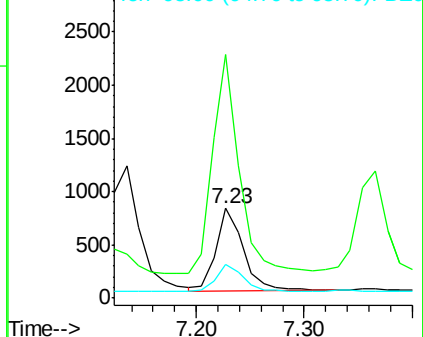
95 34.6 27.6 41.4

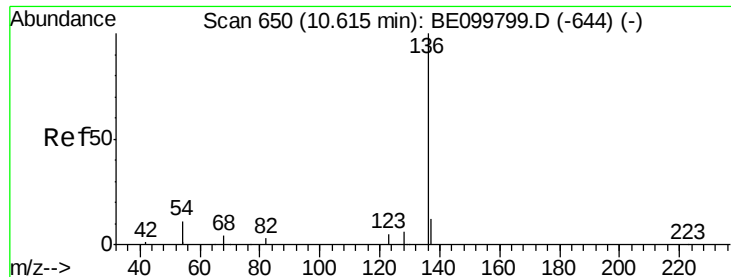


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 5003

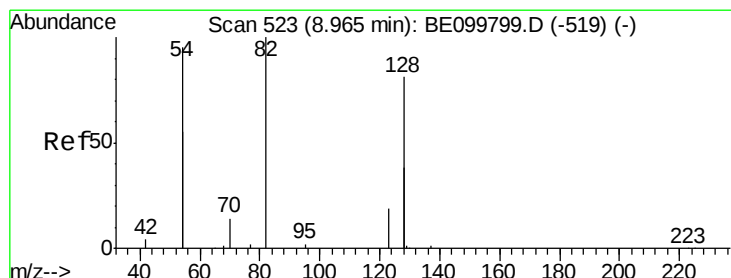
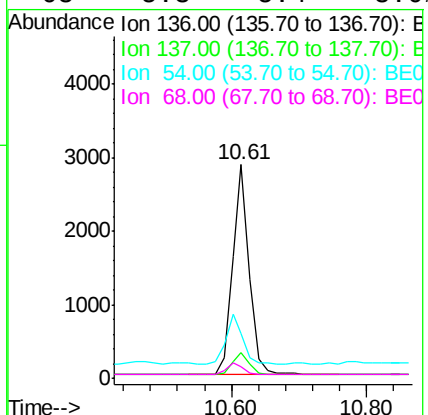
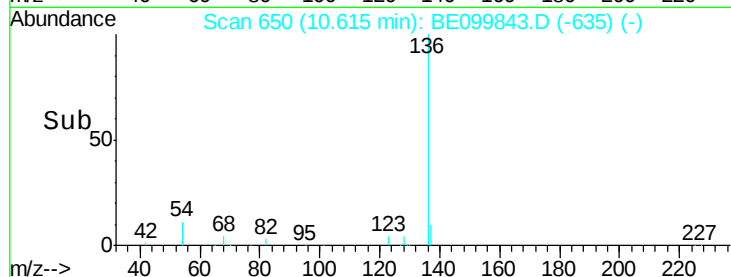
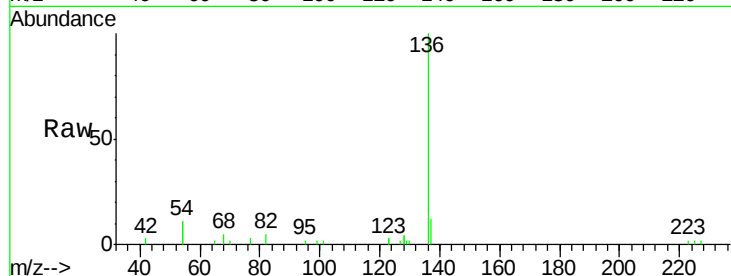
Ion Ratio Lower Upper

136 100

137 11.9 11.1 16.7

54 21.1 17.9 26.9

68 5.3 5.4 8.0#



#8

Nitrobenzene-d5

Concen: 0.405 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

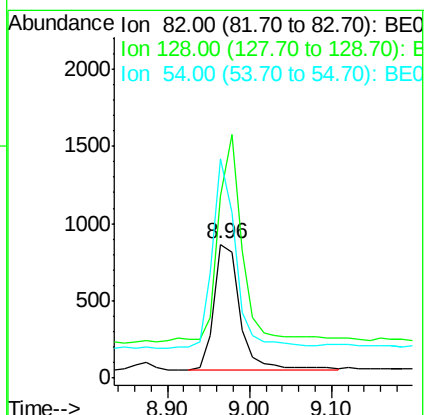
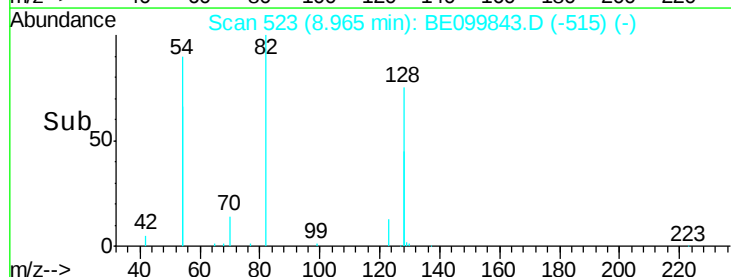
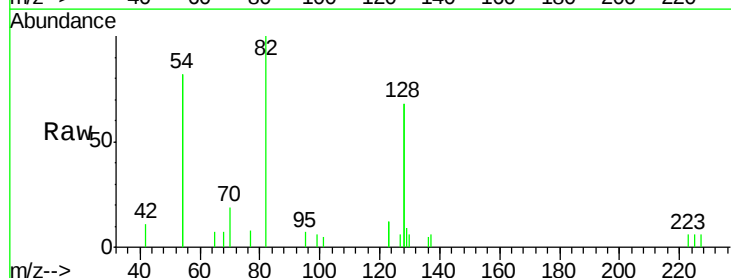
Tgt Ion: 82 Resp: 1781

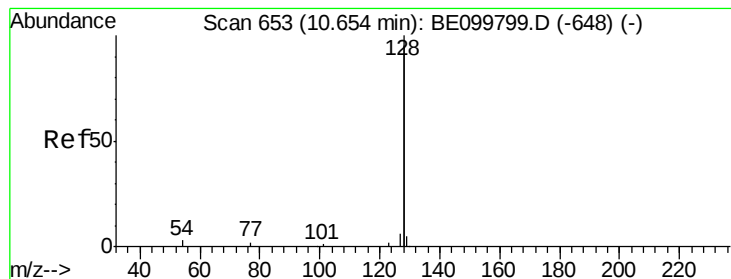
Ion Ratio Lower Upper

82 100

128 135.9 116.6 175.0

54 163.1 136.2 204.4





#9

Naphthalene

Concen: 0.392 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.01 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

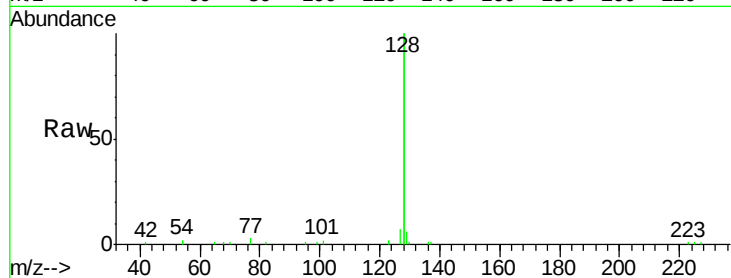
Tot Ion:128 Resp: 20933

Ion Ratio Lower Upper

128 100

129 3.0 2.6 4.0

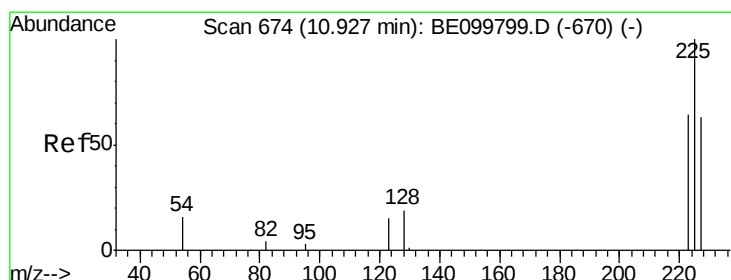
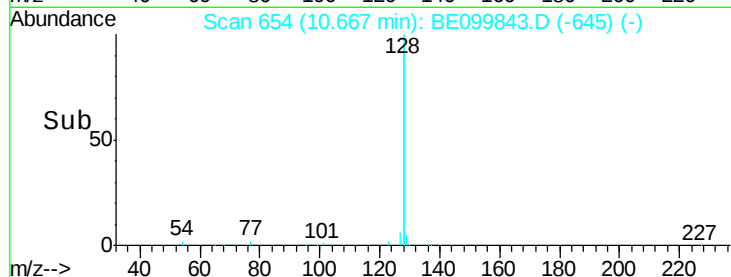
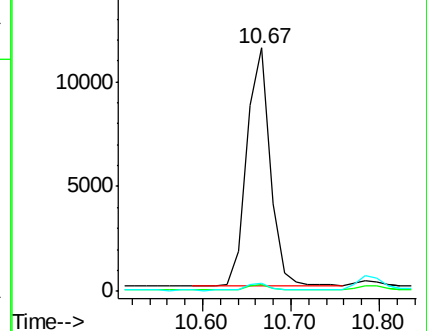
127 3.6 3.0 4.6



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: 0.371 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.01 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

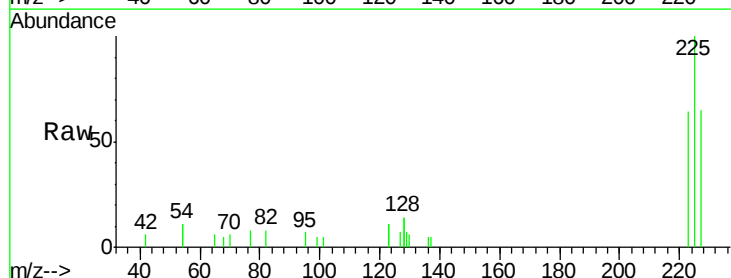
Tgt Ion:225 Resp: 1510

Ion Ratio Lower Upper

225 100

223 63.6 48.6 72.8

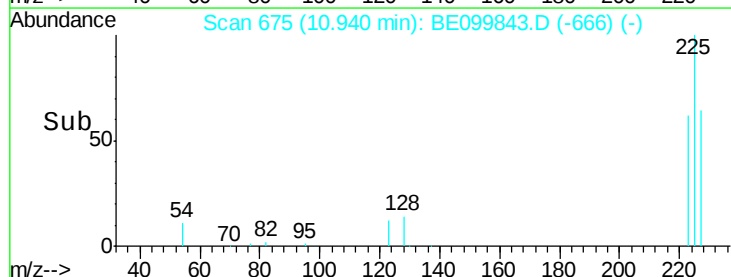
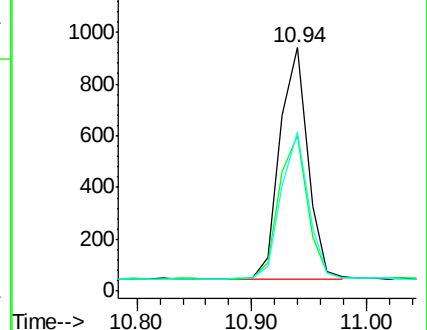
227 62.1 51.6 77.4

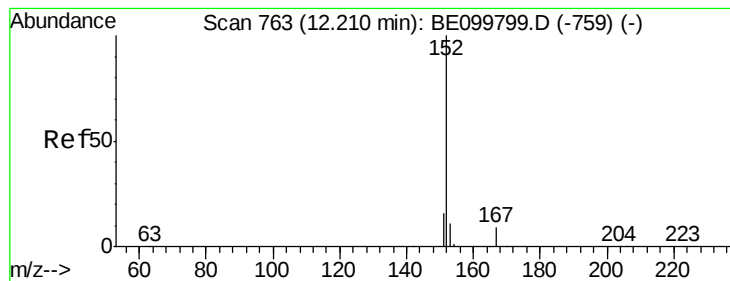


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.383 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

Instrument :

BNA_E

ClientSampleId :

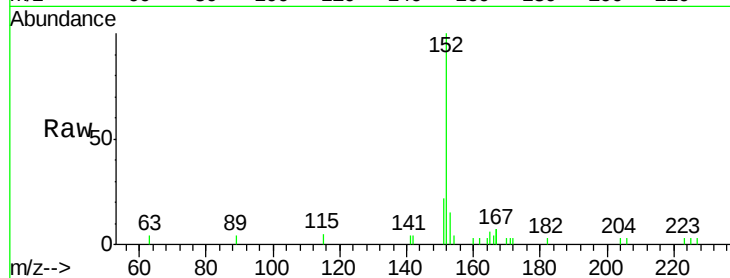
SSTDCCC0.4EC

Tot Ion:152 Resp: 3293

Ion Ratio Lower Upper

152 100

151 19.4 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.22

1500

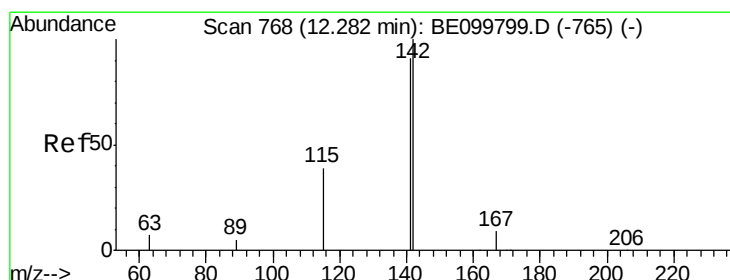
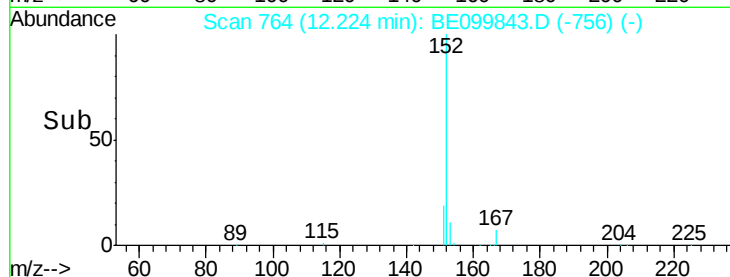
1000

500

0

Time-->

12.10 12.20 12.30



#12

2-Methylnaphthalene

Concen: 0.408 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.01 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

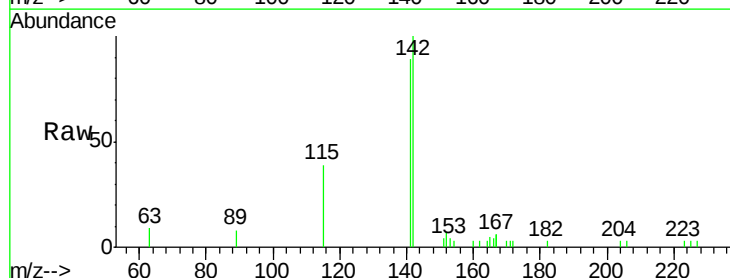
Tgt Ion:142 Resp: 3475

Ion Ratio Lower Upper

142 100

141 88.7 73.3 109.9

115 39.3 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

2500

2000

1500

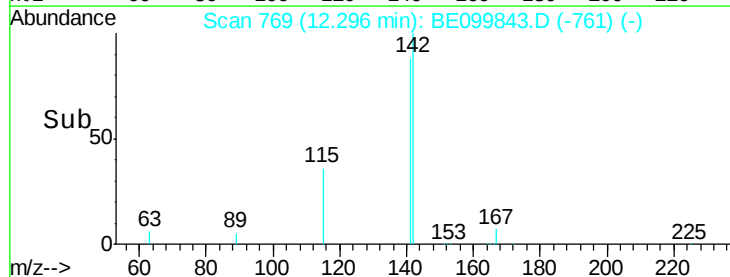
1000

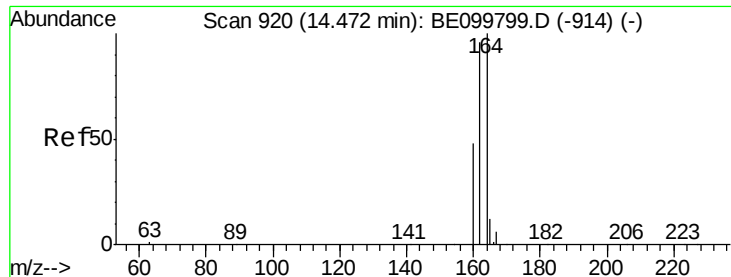
500

0

Time-->

12.20 12.30 12.40

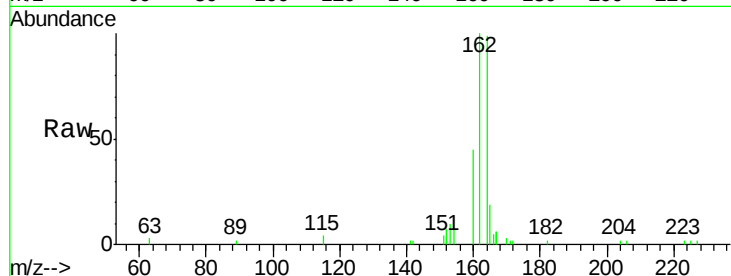




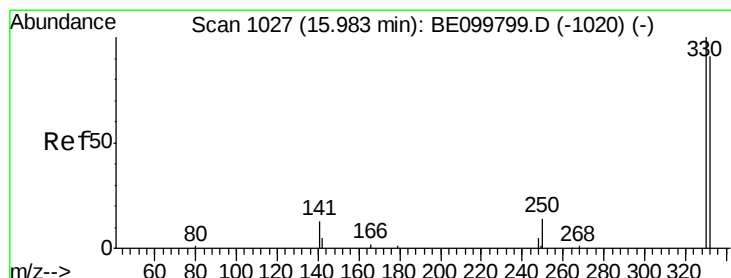
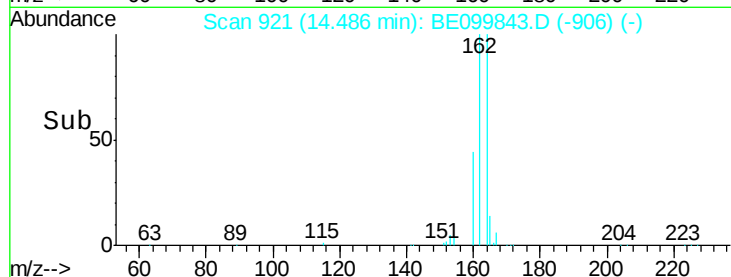
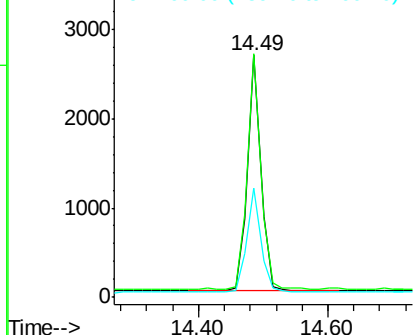
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE099843.D
Acq: 7 Jun 2019 4:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:164 Resp: 3838
Ion Ratio Lower Upper
164 100
162 100.6 77.2 115.8
160 45.0 39.4 59.2

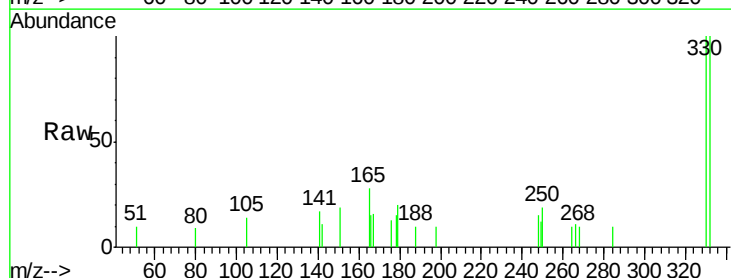


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

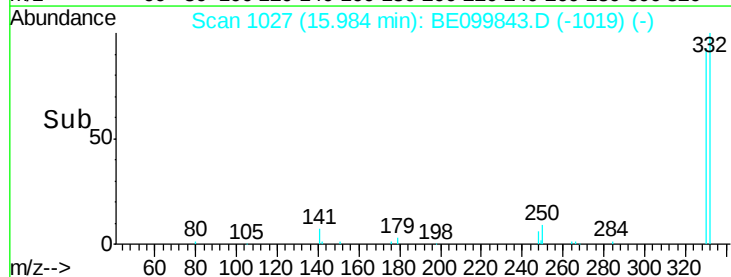
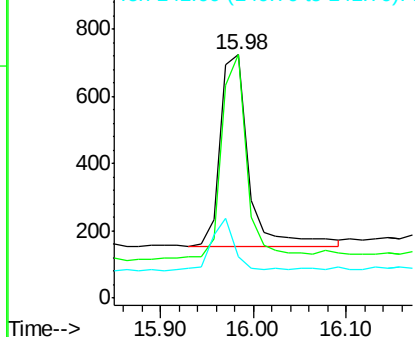


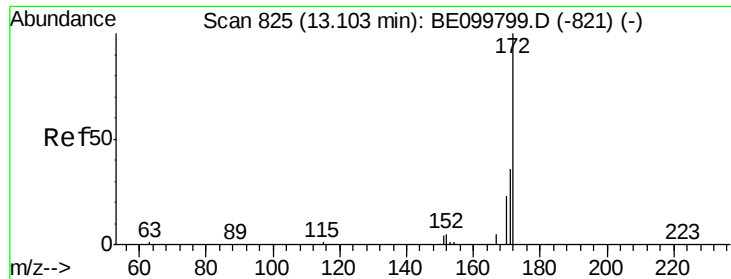
#14
2,4,6-Tribromophenol
Concen: 0.543 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099843.D
Acq: 7 Jun 2019 4:03

Tgt Ion:330 Resp: 1210
Ion Ratio Lower Upper
330 100
332 91.2 74.9 112.3
141 20.4 16.0 24.0



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

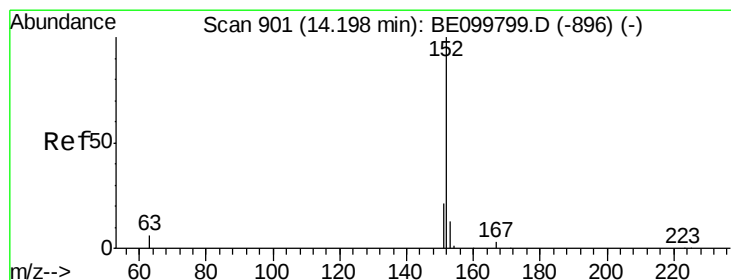
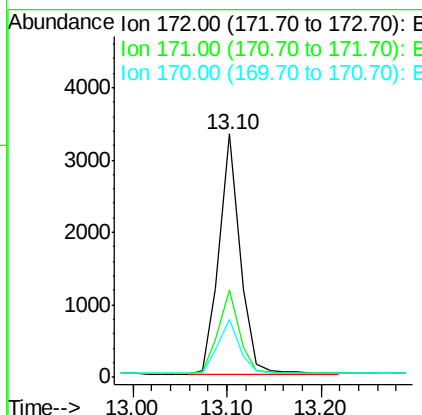
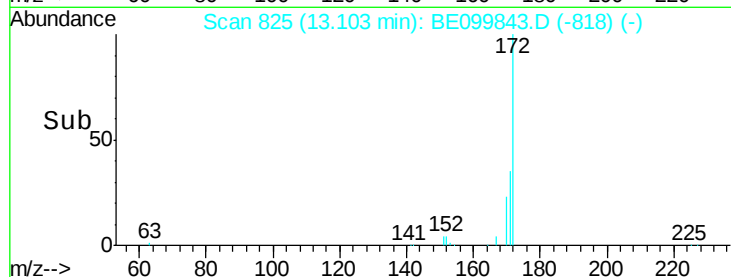
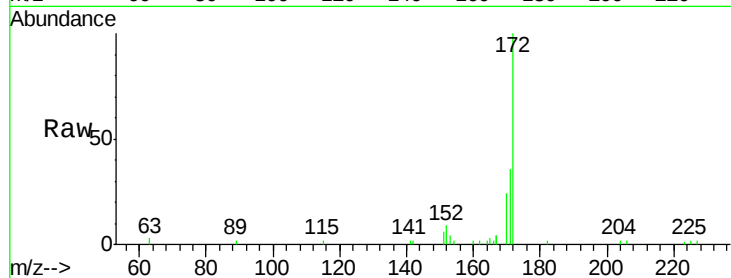




#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099843.D
Acq: 7 Jun 2019 4:03

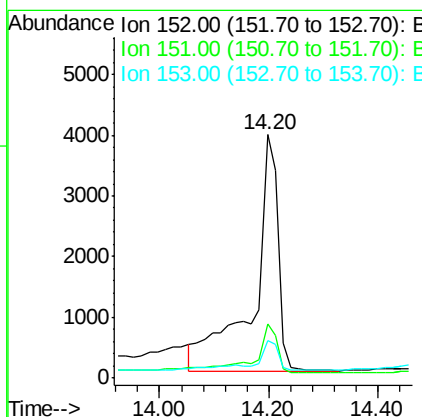
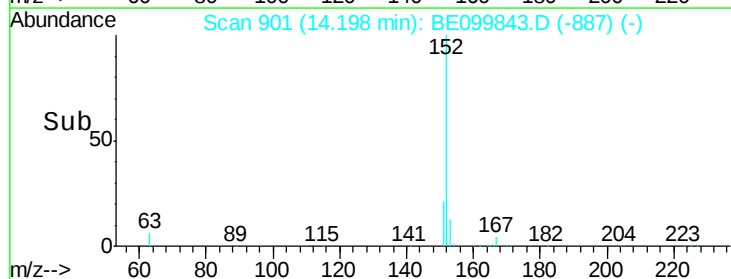
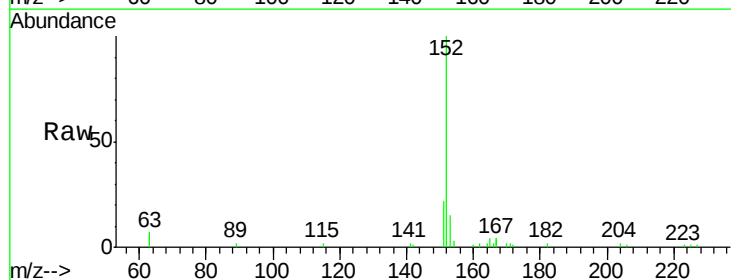
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

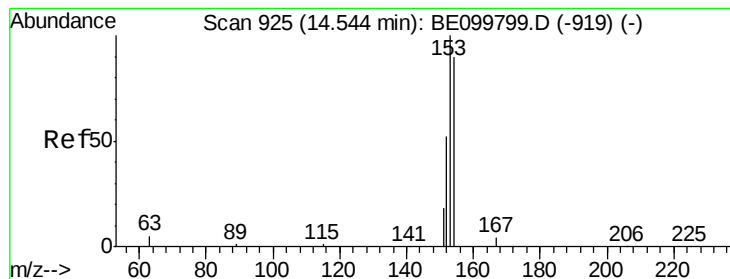
Tot Ion:172 Resp: 5169
Ion Ratio Lower Upper
172 100
171 36.1 30.2 45.4
170 24.1 20.1 30.1



#16
Acenaphthylene
Concen: 0.656 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099843.D
Acq: 7 Jun 2019 4:03

Tgt Ion:152 Resp: 12155
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 11.5 10.8 16.2





#17

Acenaphthene

Concen: 0.420 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

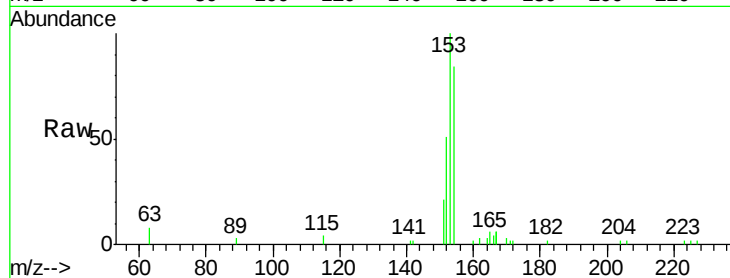
Tot Ion:154 Resp: 4261

Ion Ratio Lower Upper

154 100

153 114.9 93.8 140.6

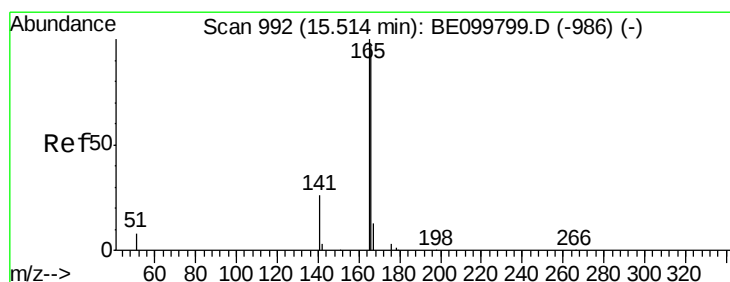
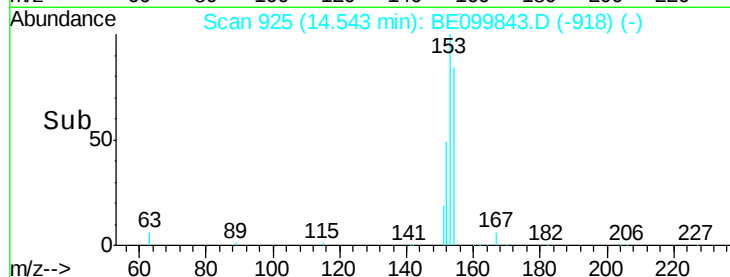
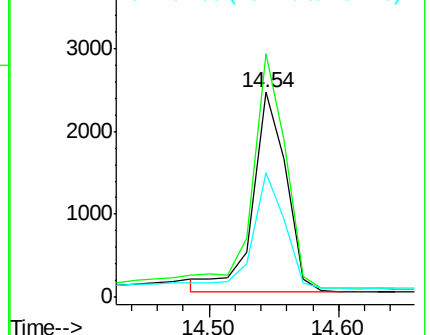
152 54.0 48.3 72.5



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: 0.508 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.01 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

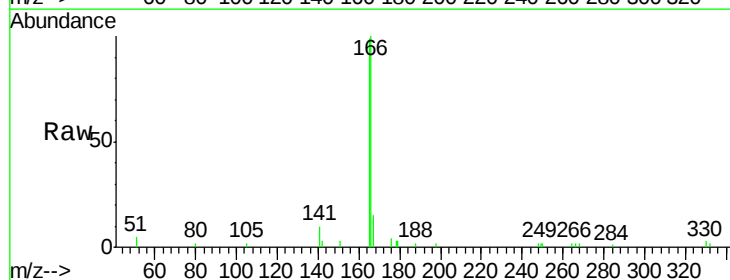
Tgt Ion:166 Resp: 7583

Ion Ratio Lower Upper

166 100

165 107.2 80.4 120.6

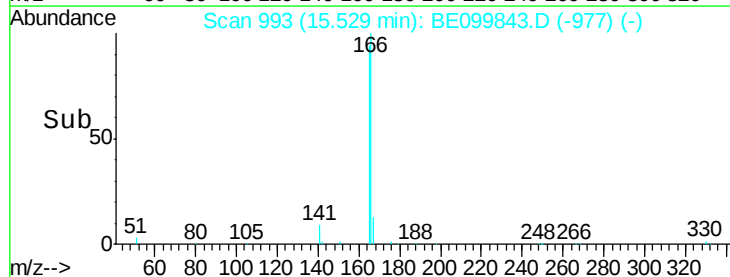
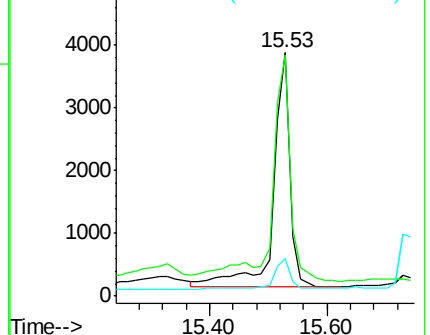
167 13.1 10.7 16.1

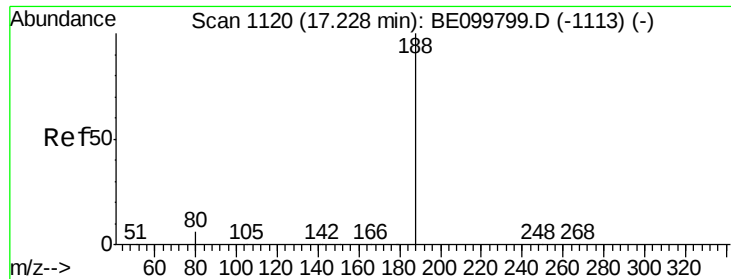


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099843.D

Acq: 7 Jun 2019 4:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

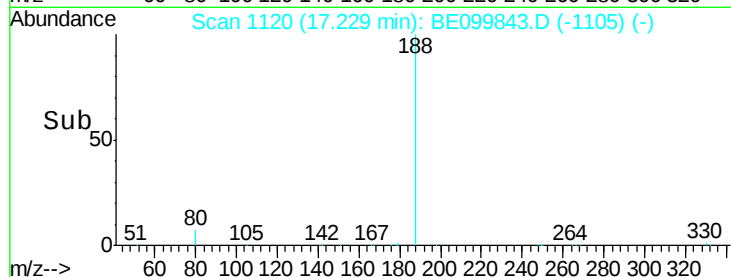
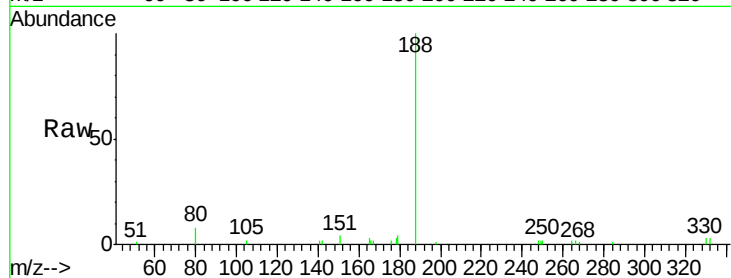
Tot Ion:188 Resp: 11081

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

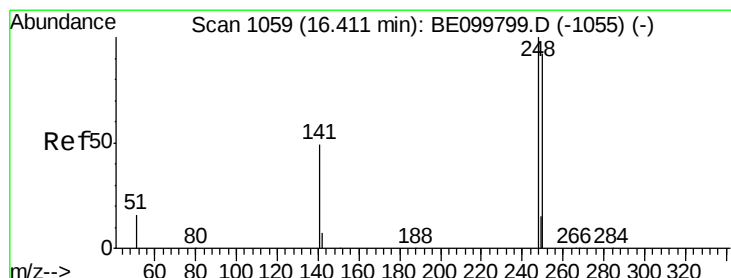
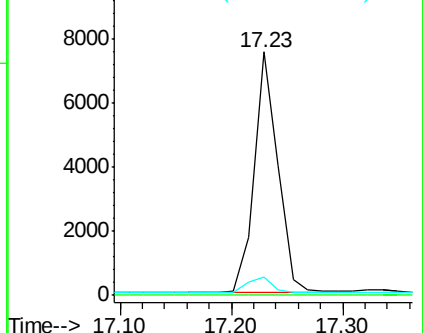
80 7.7 5.2 7.8



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: 0.398 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.01 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

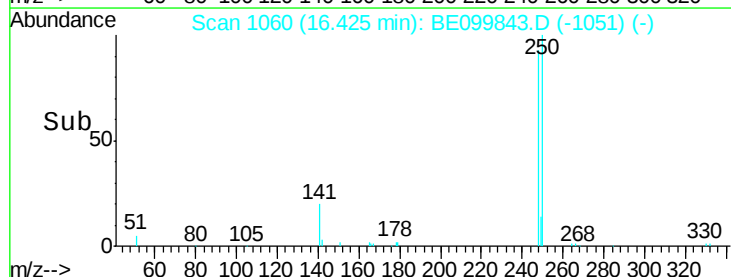
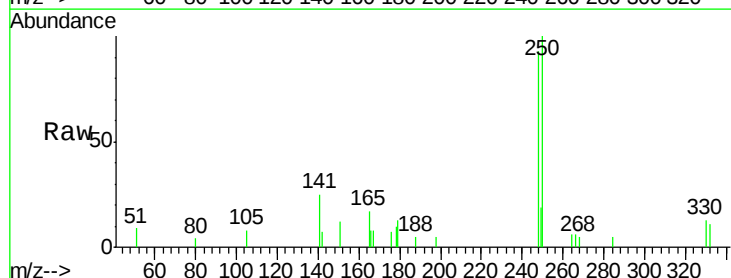
Tgt Ion:248 Resp: 2458

Ion Ratio Lower Upper

248 100

250 107.5 73.7 110.5

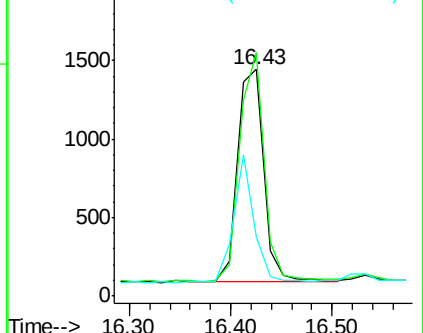
141 26.4 40.9 61.3#

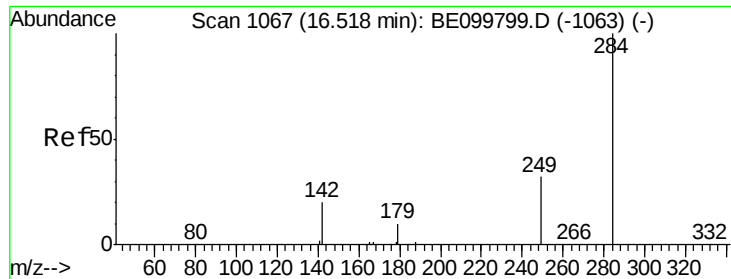


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

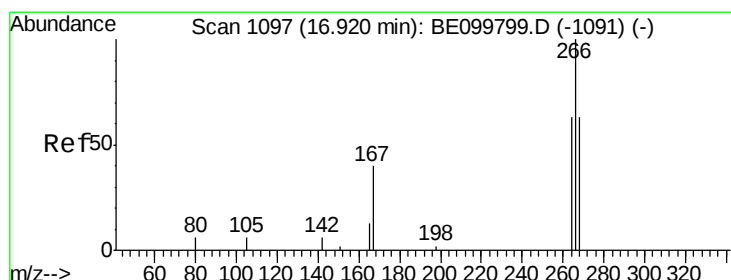
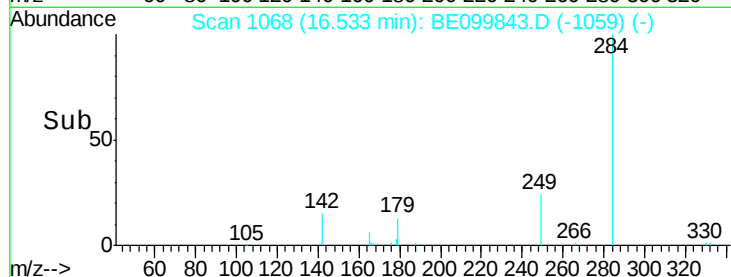
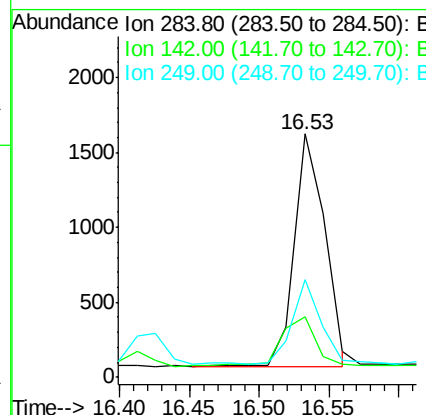
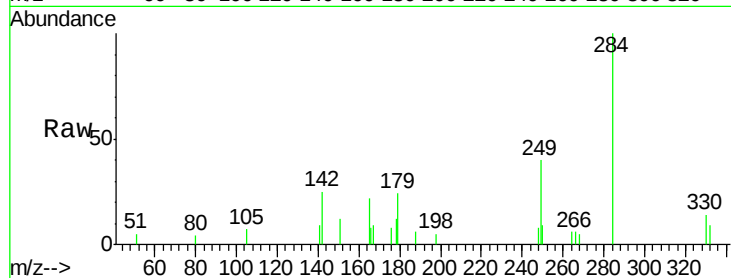




#21
Hexachlorobenzene
Concen: 0.350 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BE099843.D
Acq: 7 Jun 2019 4:03

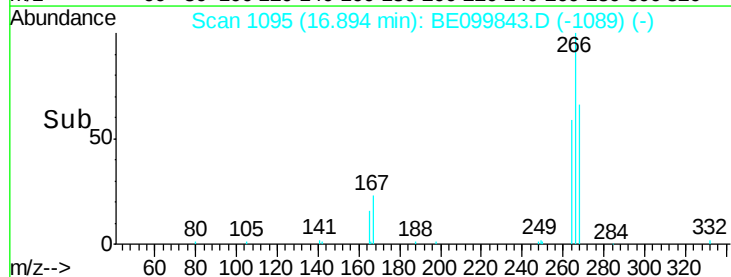
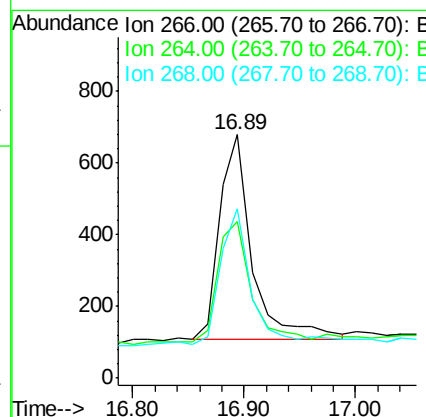
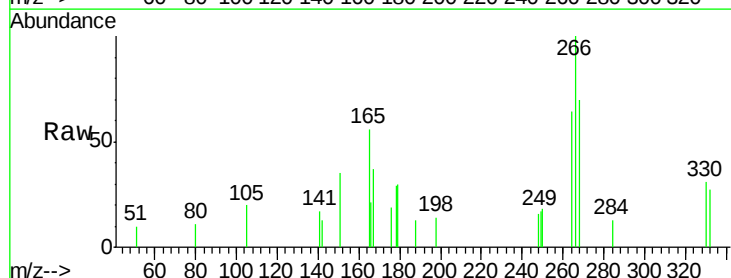
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

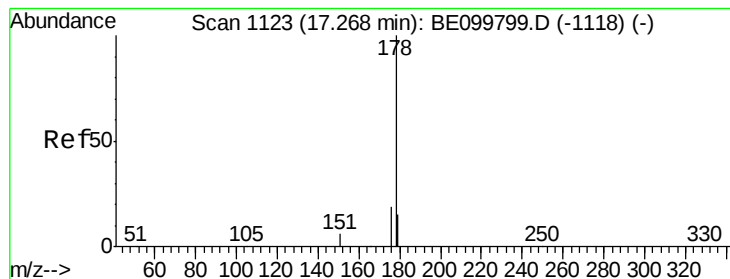
Tot Ion:284 Resp: 2375
Ion Ratio Lower Upper
284 100
142 22.9 16.2 24.4
249 33.1 23.1 34.7



#22
Pentachlorophenol
Concen: 0.806 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.03 min
Lab File: BE099843.D
Acq: 7 Jun 2019 4:03

Tgt Ion:266 Resp: 1171
Ion Ratio Lower Upper
266 100
264 64.4 64.9 97.3#
268 69.5 64.0 96.0





#23

Phenanthrene

Concen: 0.465 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

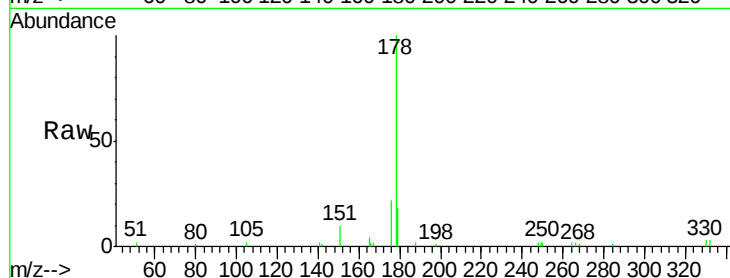
Tot Ion:178 Resp: 12296

Ion Ratio Lower Upper

178 100

176 20.4 15.4 23.0

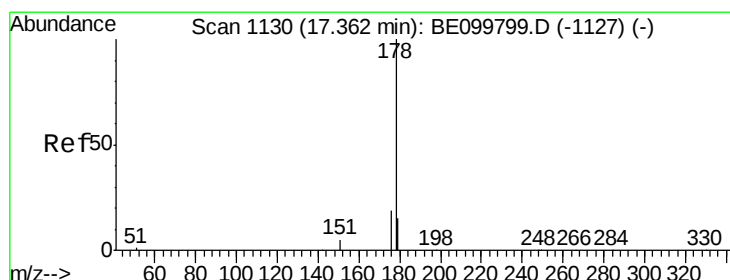
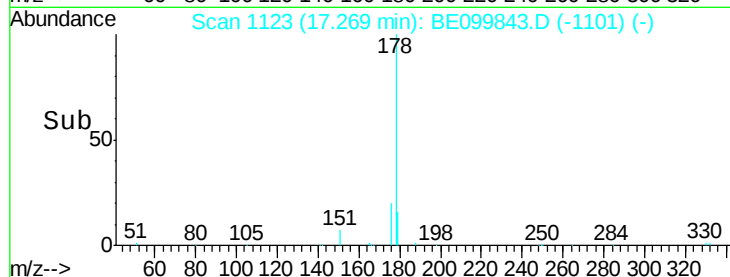
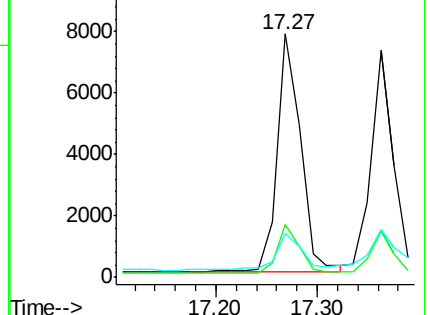
179 18.6 12.5 18.7



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: 0.468 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

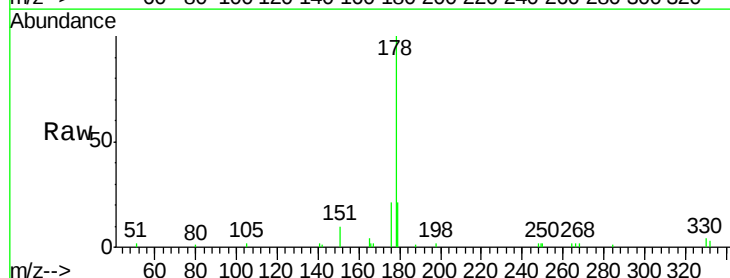
Tgt Ion:178 Resp: 11188

Ion Ratio Lower Upper

178 100

176 17.9 15.1 22.7

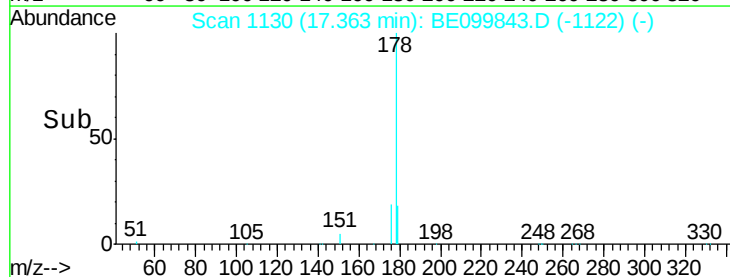
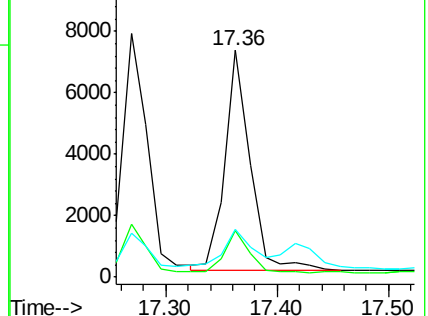
179 18.2 12.1 18.1#

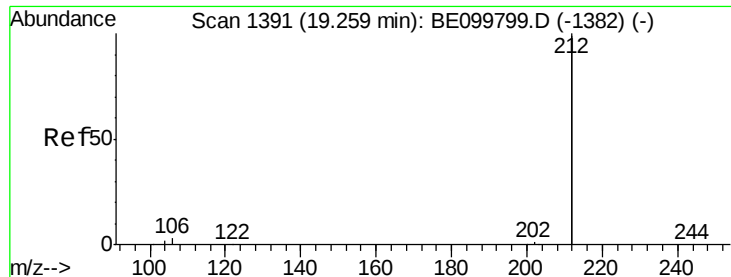


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.305 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.01 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

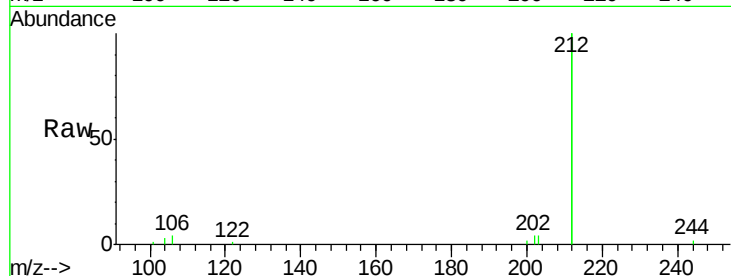
Tot Ion:212 Resp: 50163

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.0

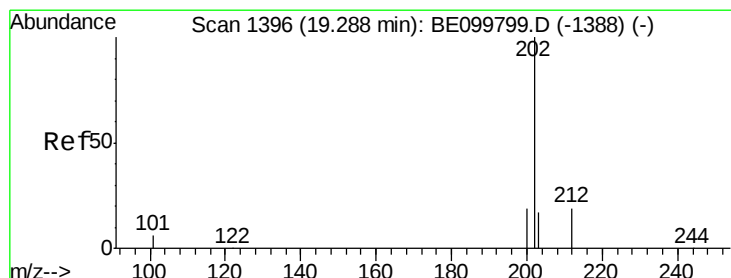
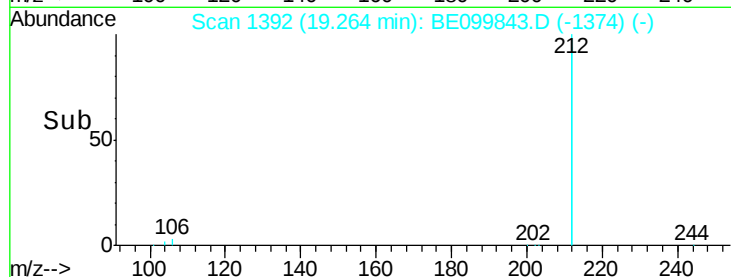
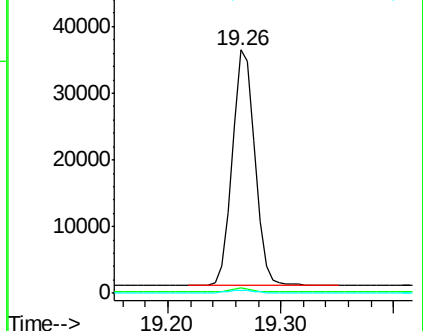
104 1.0 0.8 1.2



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: 0.392 ng

RT: 19.30 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

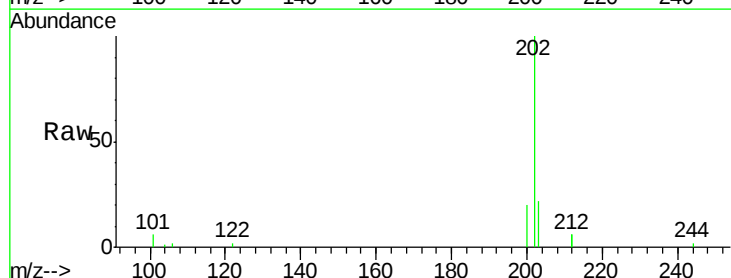
Tgt Ion:202 Resp: 18148

Ion Ratio Lower Upper

202 100

101 6.0 5.2 7.8

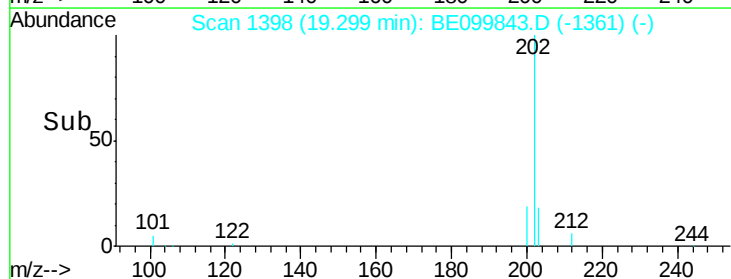
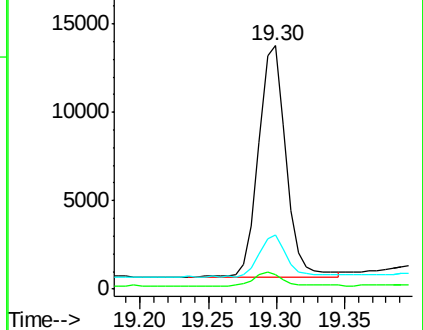
203 18.2 13.6 20.4

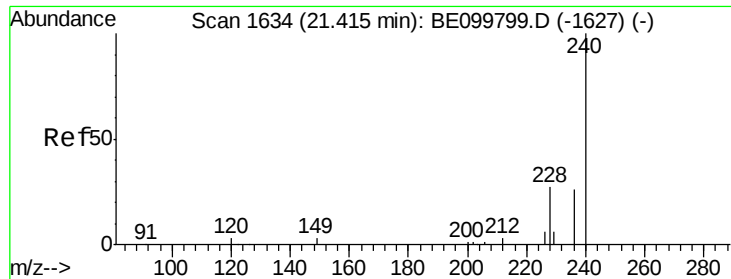


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

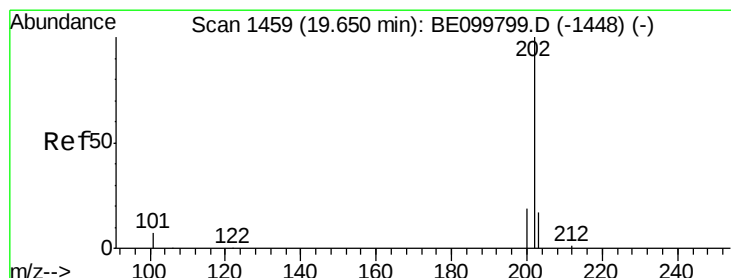
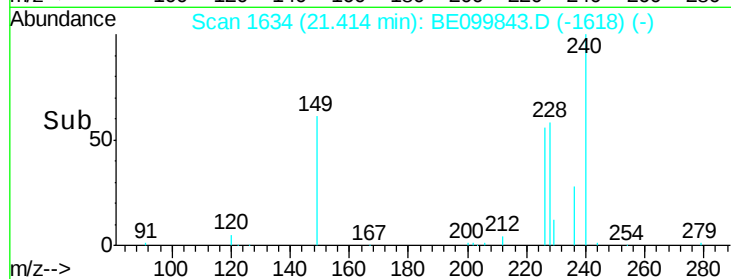
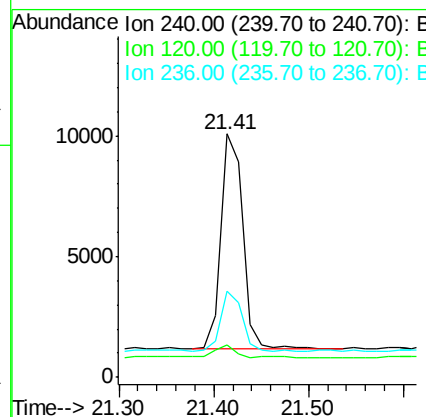
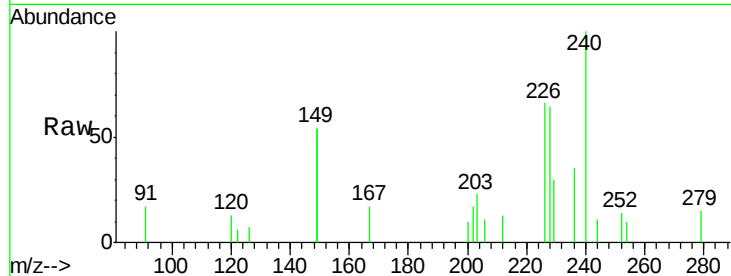




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: BE099843.D
 Acq: 7 Jun 2019 4:03

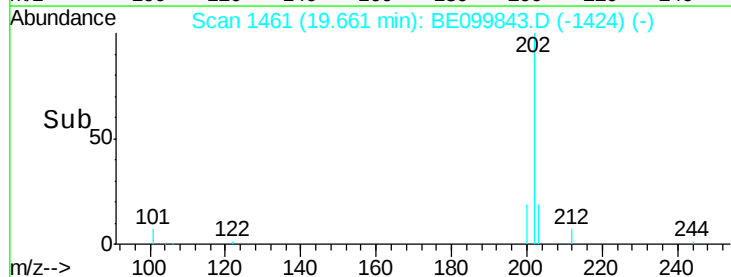
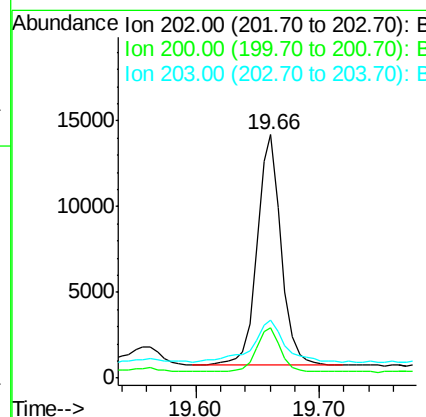
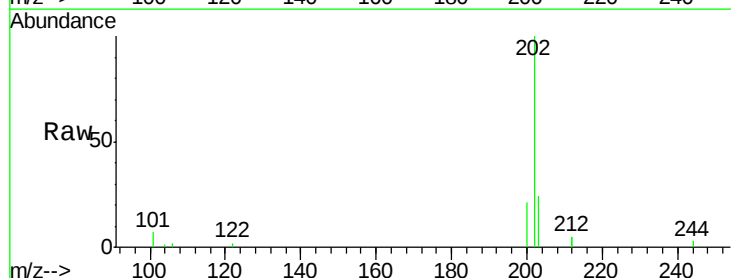
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

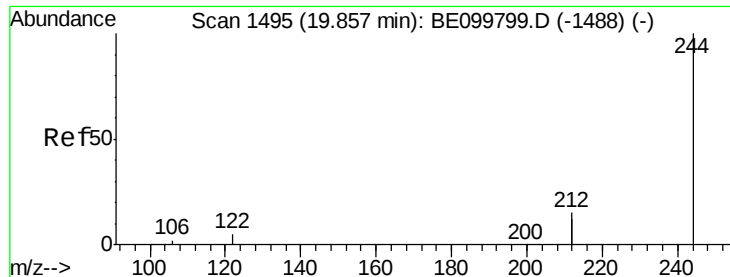
Tot Ion:240 Resp: 14293
 Ion Ratio Lower Upper
 240 100
 120 13.2 2.8 4.2#
 236 35.4 20.9 31.3#



#28
 Pyrene
 Concen: 0.526 ng
 RT: 19.66 min Scan# 1461
 Delta R.T. 0.01 min
 Lab File: BE099843.D
 Acq: 7 Jun 2019 4:03

Tgt Ion:202 Resp: 18162
 Ion Ratio Lower Upper
 202 100
 200 19.6 15.6 23.4
 203 24.8 14.1 21.1#





#29

Terphenyl-d14

Concen: 0.477 ng

RT: 19.86 min Scan# 1496

Delta R.T. 0.01 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

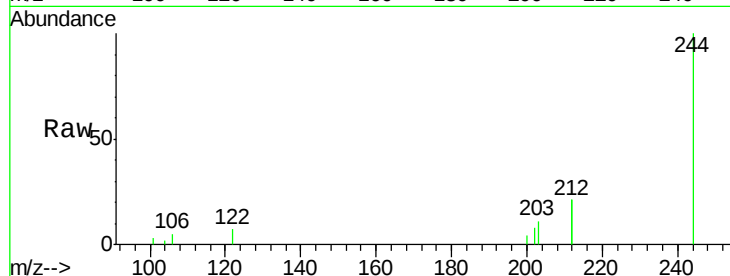
Tot Ion:244 Resp: 11170

Ion Ratio Lower Upper

244 100

212 41.8 23.7 35.5#

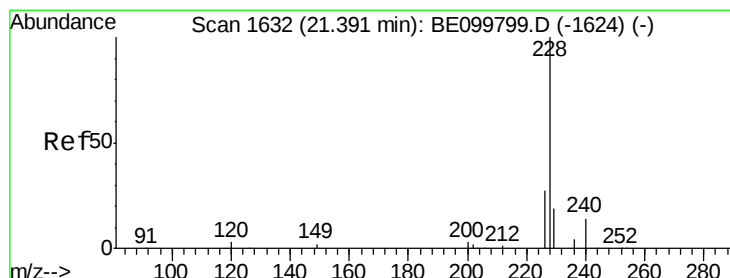
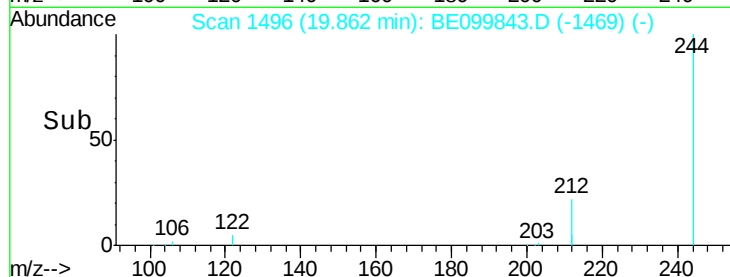
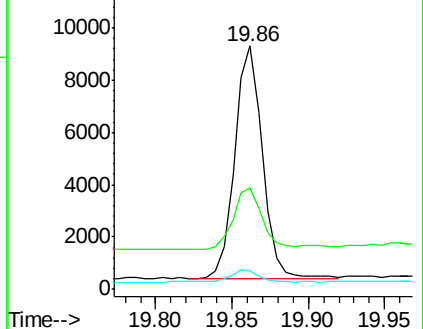
122 7.4 4.8 7.2#



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: 0.508 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.01 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

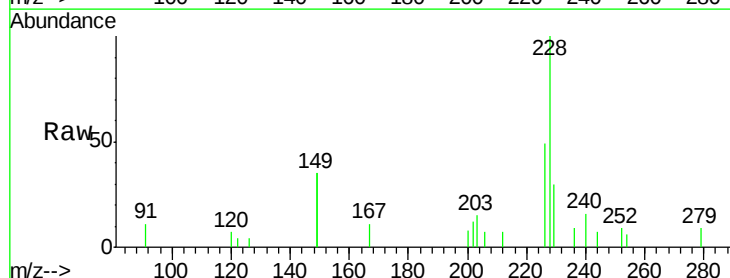
Tgt Ion:228 Resp: 20049

Ion Ratio Lower Upper

228 100

226 48.7 21.6 32.4#

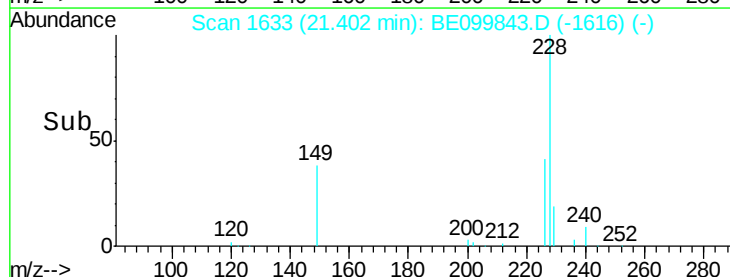
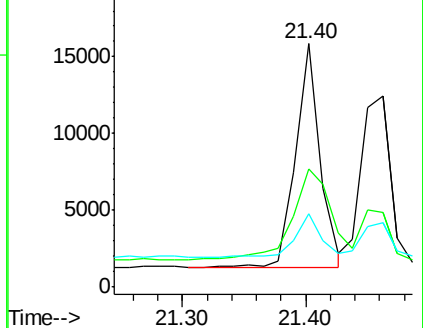
229 30.3 15.8 23.6#

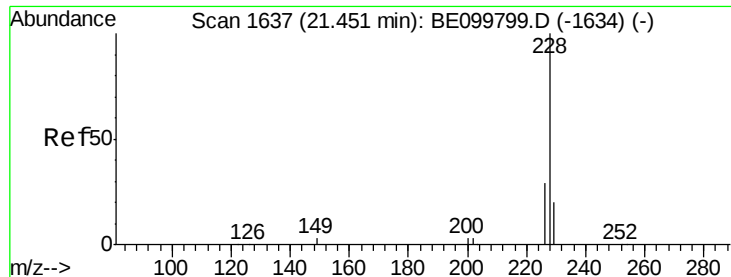


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.402 ng

RT: 21.46 min Scan# 1638

Delta R.T. 0.01 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

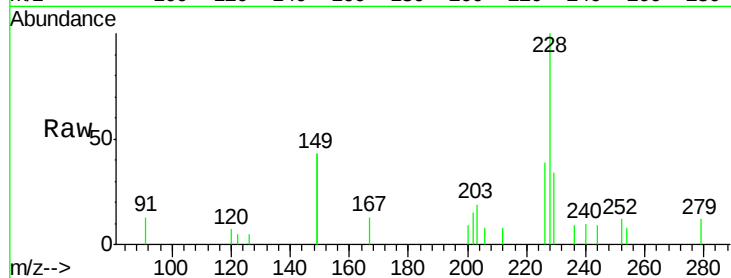
Tot Ion:228 Resp: 17527

Ion Ratio Lower Upper

228 100

226 39.4 22.9 34.3#

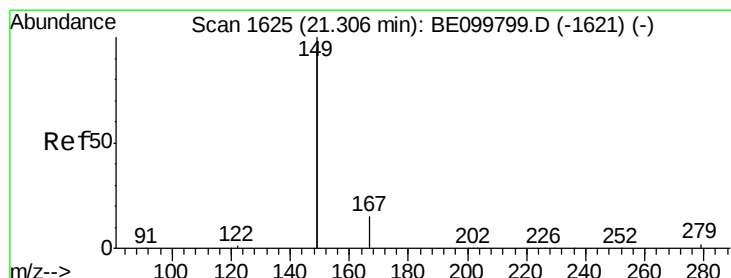
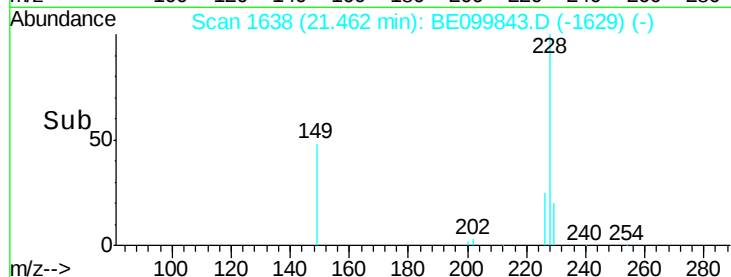
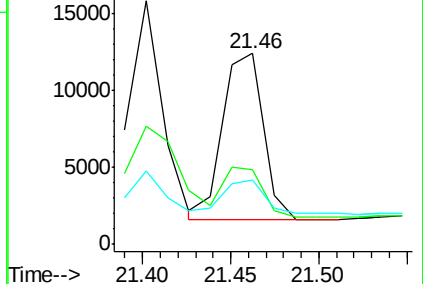
229 33.9 16.4 24.6#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.660 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.01 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

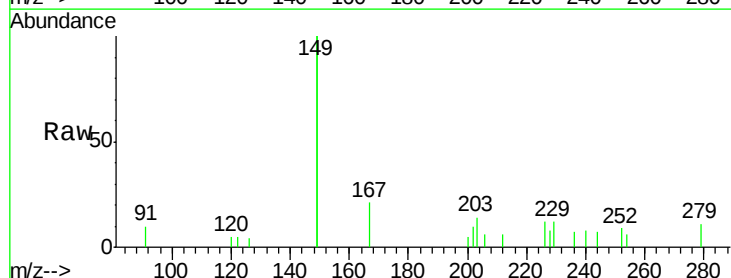
Tgt Ion:149 Resp: 29907

Ion Ratio Lower Upper

149 100

167 8.7 6.0 9.0

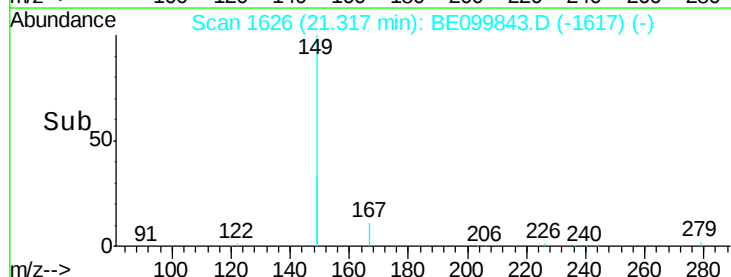
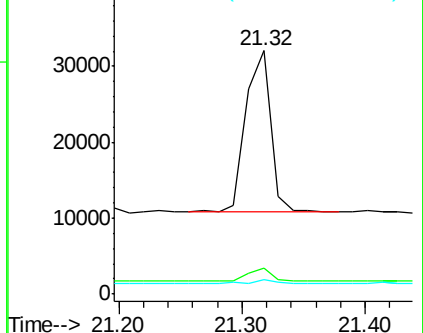
279 2.3 1.2 1.8#

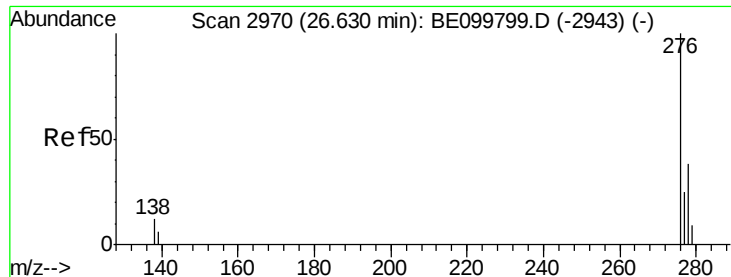


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.275 ng

RT: 26.68 min Scan# 2984

Delta R.T. 0.05 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

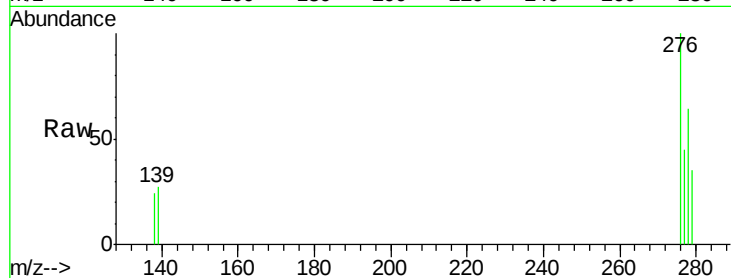
Tot Ion:276 Resp: 14397

Ion Ratio Lower Upper

276 100

138 10.4 10.3 15.5

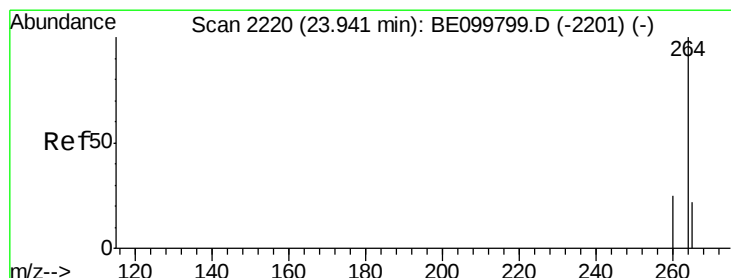
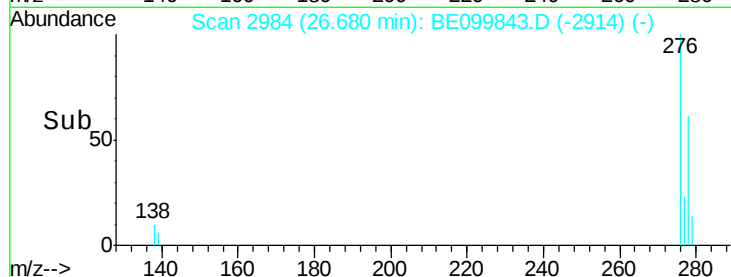
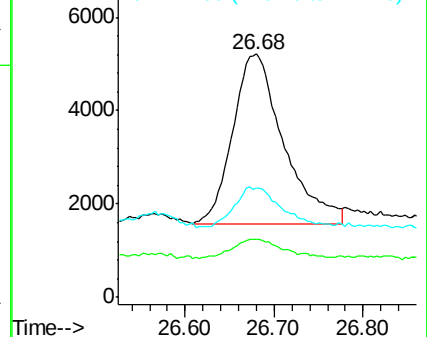
277 8.9 19.4 29.2#



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: 23.97 min Scan# 2228

Delta R.T. 0.03 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

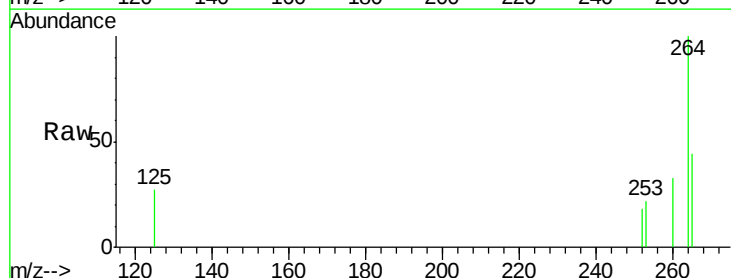
Tgt Ion:264 Resp: 16312

Ion Ratio Lower Upper

264 100

260 33.3 20.0 30.0#

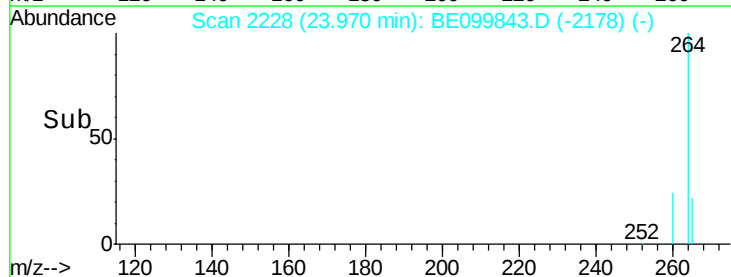
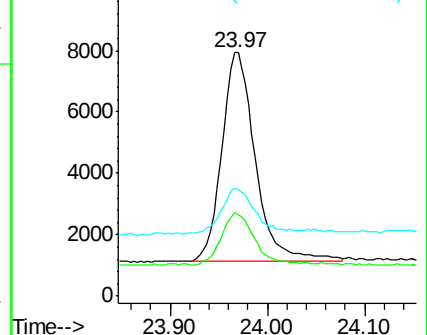
265 44.0 20.7 31.1#

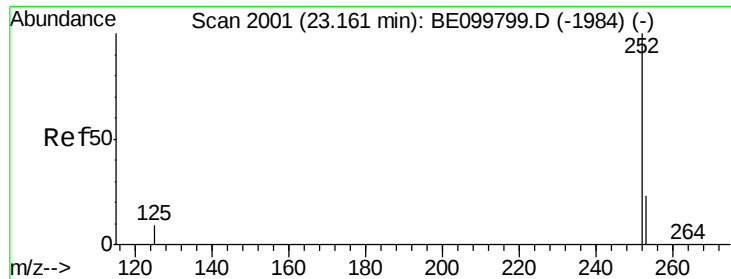


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.406 ng

RT: 23.18 min Scan# 2007

Delta R.T. 0.02 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

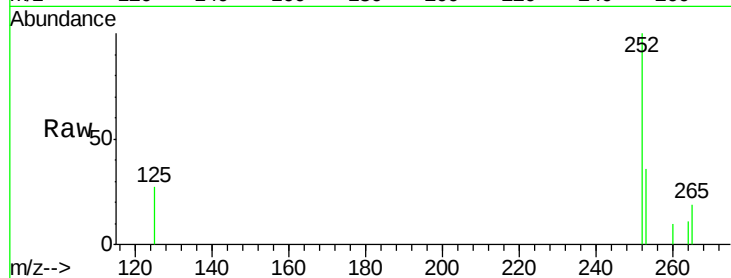
Tot Ion:252 Resp: 18344

Ion Ratio Lower Upper

252 100

253 36.3 18.9 28.3#

125 27.2 7.6 11.4#

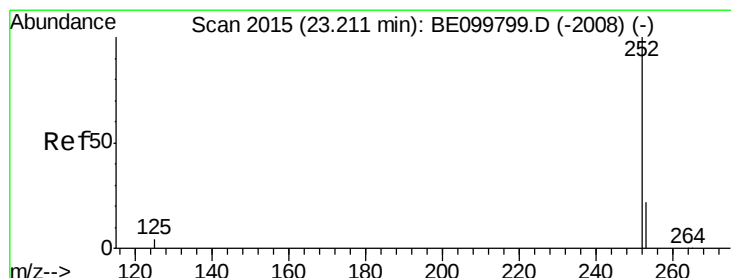
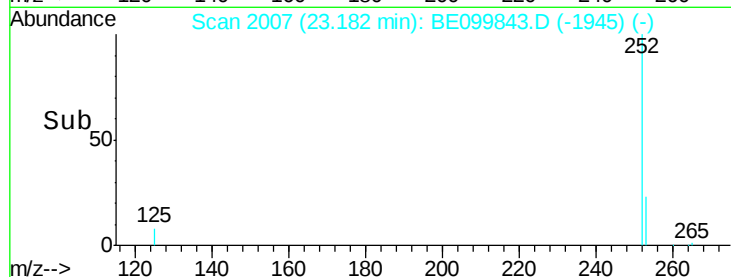
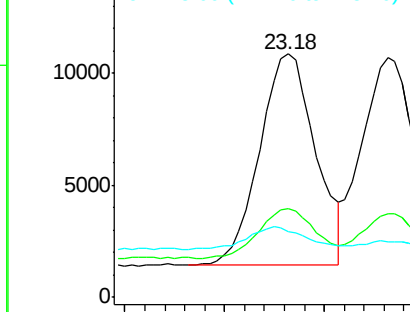


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.356 ng

RT: 23.23 min Scan# 2021

Delta R.T. 0.02 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

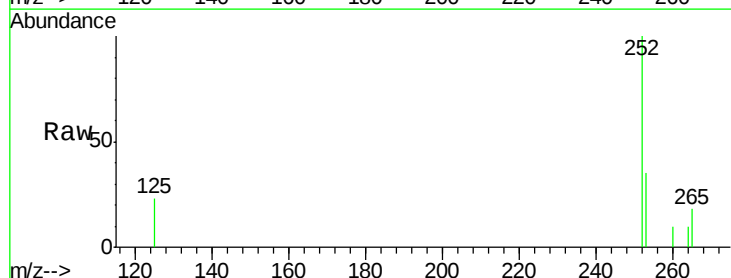
Tgt Ion:252 Resp: 17072

Ion Ratio Lower Upper

252 100

253 34.7 18.4 27.6#

125 23.3 4.6 7.0#

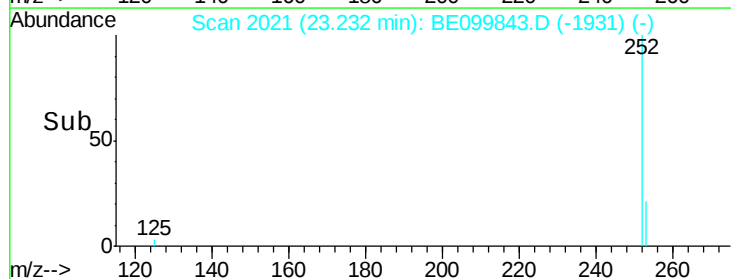
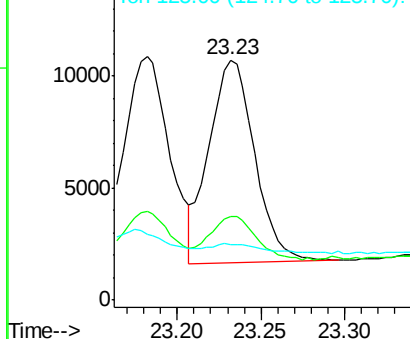


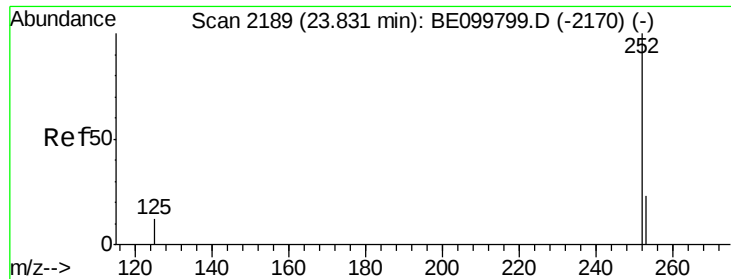
Abundance

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: 0.401 ng

RT: 23.85 min Scan# 2195

Delta R.T. 0.02 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

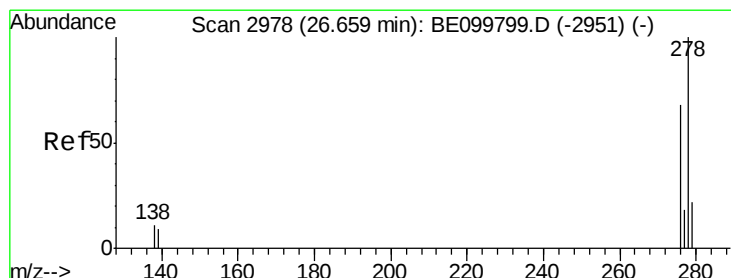
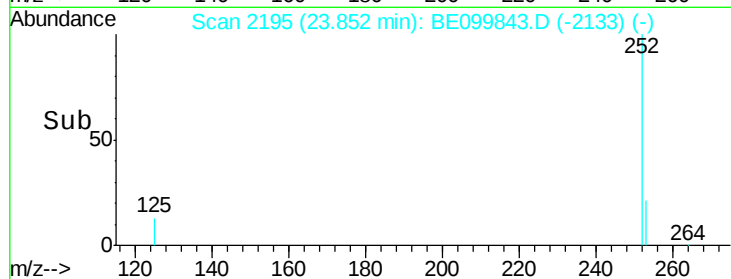
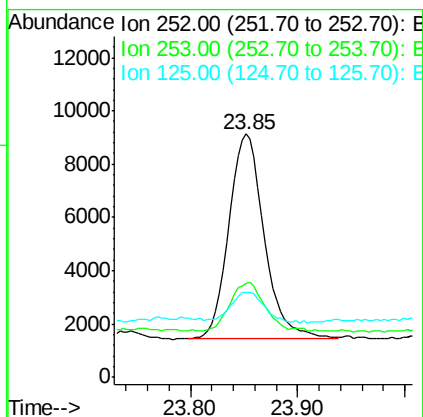
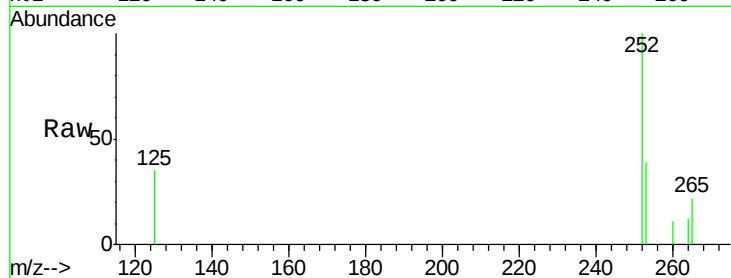
Tot Ion:252 Resp: 17576

Ion Ratio Lower Upper

252 100

253 38.7 19.3 28.9#

125 35.0 10.2 15.4#



#38

Dibenzo(a,h)anthracene

Concen: 0.282 ng

RT: 26.69 min Scan# 2988

Delta R.T. 0.04 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

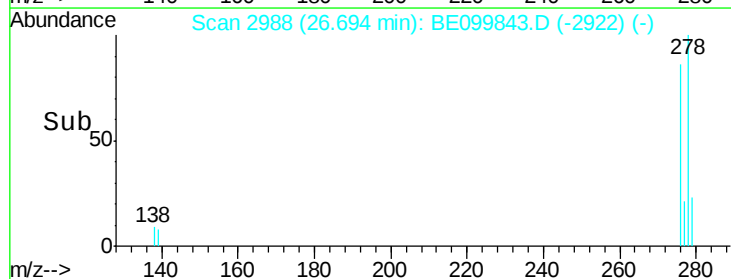
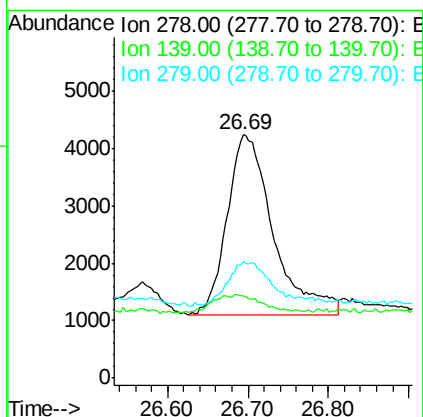
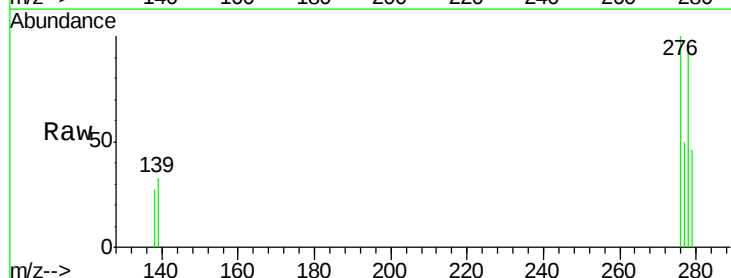
Tgt Ion:278 Resp: 12561

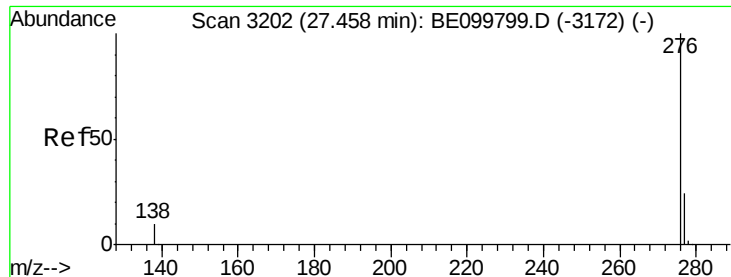
Ion Ratio Lower Upper

278 100

139 34.0 7.9 11.9#

279 48.0 18.5 27.7#





#39

Benzo(a,h,i)perylene

Concen: 0.266 ng

RT: 27.52 min Scan# 3219

Delta R.T. 0.06 min

Lab File: BE099843.D

Acq: 7 Jun 2019 4:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

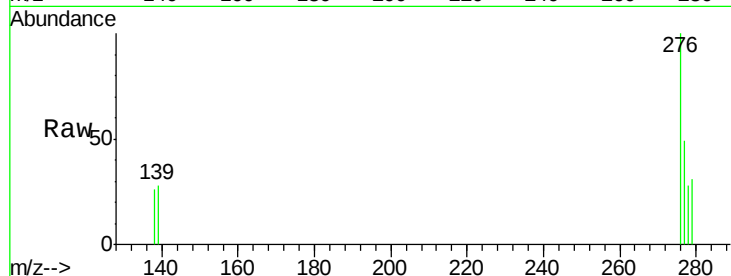
Tot Ion: 276 Resp: 12458

Ion Ratio Lower Upper

276 100

277 49.2 19.6 29.4#

138 26.2 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

