

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031519\
 Data File : BE098992.D
 Acq On : 16 Mar 2019 5:33
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Mar 18 02:05:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	1075	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	4739	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	3213	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	7699	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	8747	0.40	ng	-0.01
34) Perylene-d12	23.89	264	8539	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	838	0.26	ng	0.01
5) Phenol-d6	6.99	99	1486	0.33	ng	0.00
8) Nitrobenzene-d5	8.96	82	1588	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	3241	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	457	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4760	0.36	ng	0.00
25) Fluoranthene-d10	19.24	212	40443	0.33	ng	0.00
29) Terphenyl-d14	19.84	244	7626	0.36	ng	0.00

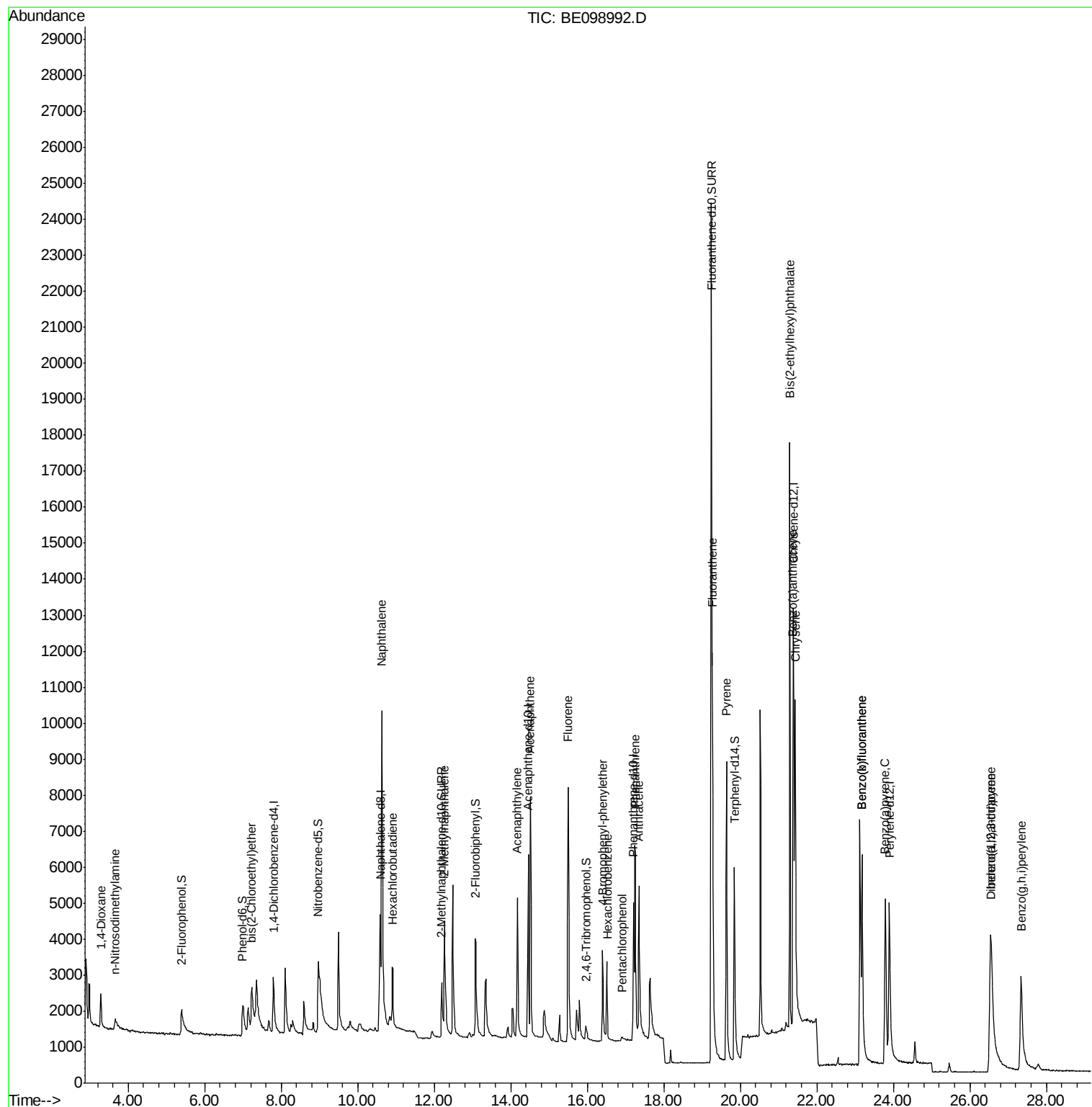
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	729	0.336	ng	96
3) n-Nitrosodimethylamine	3.66	42	390	0.144	ng	# 98
6) bis(2-Chloroethyl)ether	7.23	93	1108	0.316	ng	85
9) Naphthalene	10.63	128	21252	0.392	ng	100
10) Hexachlorobutadiene	10.91	225	1308	0.364	ng	99
12) 2-Methylnaphthalene	12.27	142	3219	0.366	ng	96
16) Acenaphthylene	14.17	152	5945	0.360	ng	97
17) Acenaphthene	14.51	154	3569	0.364	ng	97
18) Fluorene	15.50	166	4961	0.351	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	1548	0.371	ng	95
21) Hexachlorobenzene	16.52	284	1871	0.377	ng	97
22) Pentachlorophenol	16.91	266	129	0.341	ng	97
23) Phenanthrene	17.26	178	7835	0.358	ng	99
24) Anthracene	17.35	178	6141	0.328	ng	98
26) Fluoranthene	19.27	202	10308	0.334	ng	100
28) Pyrene	19.64	202	10442	0.390	ng	100
30) Benzo(a)anthracene	21.38	228	8581	0.314	ng	97
31) Chrysene	21.44	228	11674	0.400	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	16824	0.290	ng	99
33) Indeno(1,2,3-cd)pyrene	26.54	276	9571	0.310	ng	99
35) Benzo(b)fluoranthene	23.18	252	10961	0.390	ng	98
36) Benzo(k)fluoranthene	23.18	252	11437	0.389	ng	99
37) Benzo(a)pyrene	23.79	252	9912	0.368	ng	# 91
38) Dibenzo(a,h)anthracene	26.57	278	7506	0.295	ng	97
39) Benzo(g,h,i)perylene	27.34	276	8906	0.334	ng	98

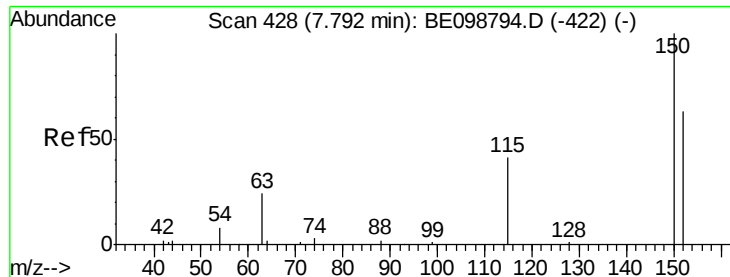
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031519\
Data File : BE098992.D
Acq On : 16 Mar 2019 5:33
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 18 02:05:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 15 05:31:33 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. -0.00 min

Lab File: BE098992.D

Acq: 16 Mar 2019 5:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

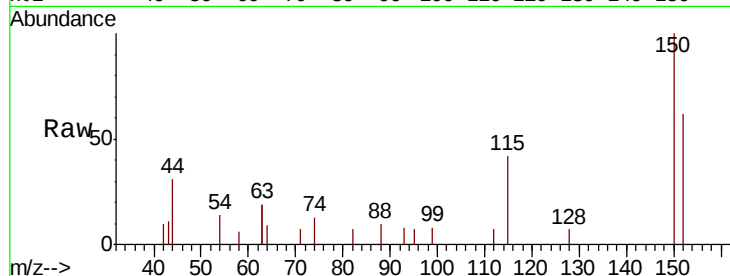
Tot Ion:152 Resp: 1075

Ion Ratio Lower Upper

152 100

150 161.3 122.5 183.7

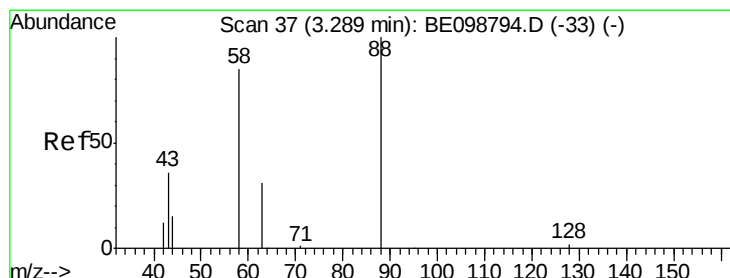
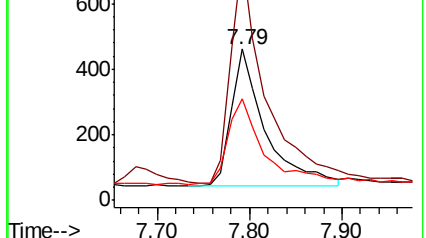
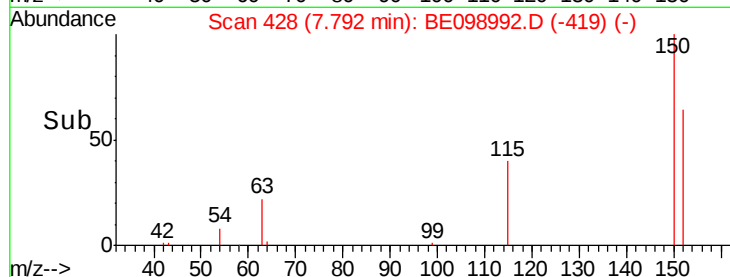
115 67.4 57.4 86.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.336 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE098992.D

Acq: 16 Mar 2019 5:33

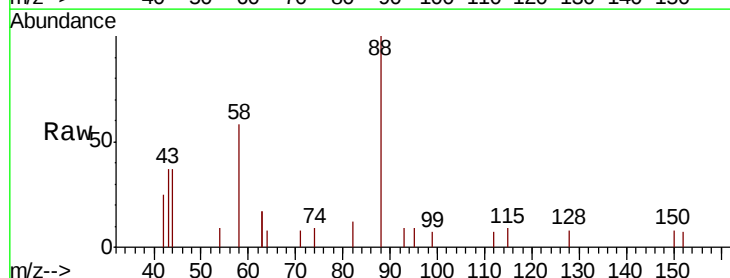
Tgt Ion: 88 Resp: 729

Ion Ratio Lower Upper

88 100

58 95.1 75.8 113.6

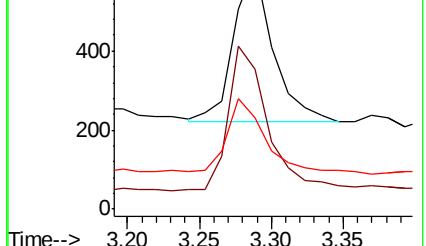
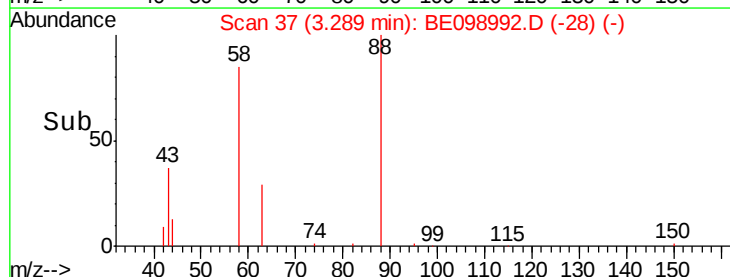
43 44.3 41.8 62.8

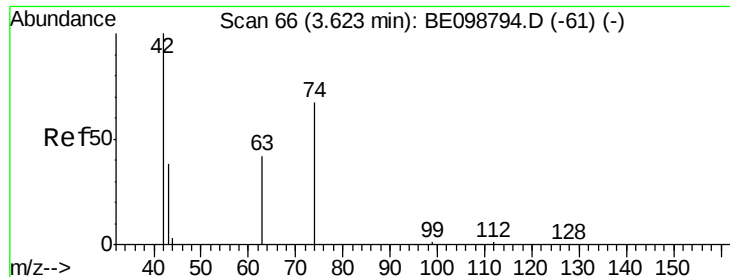


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



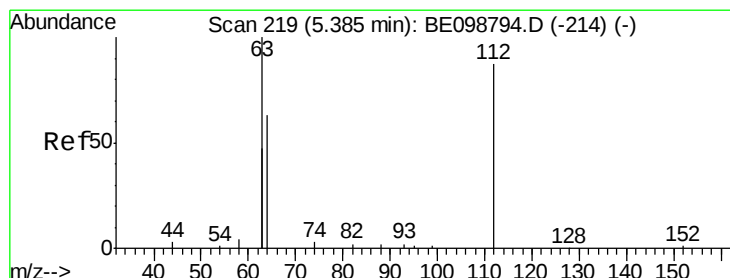
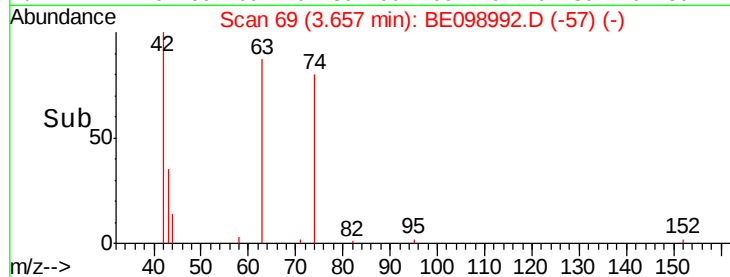
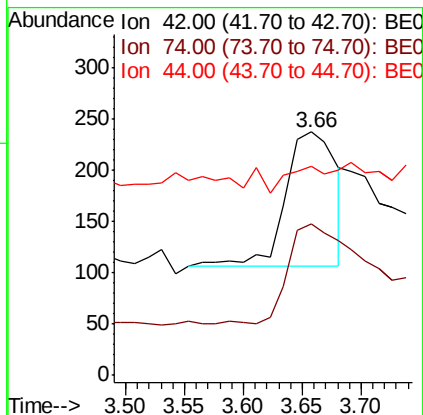
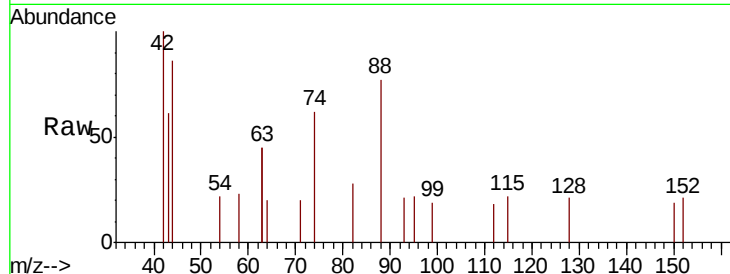


#3

n-Nitrosodimethylamine
 Concen: 0.144 ng
 RT: 3.66 min Scan# 69
 Delta R.T. 0.03 min
 Lab File: BE098992.D
 Acq: 16 Mar 2019 5:33

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

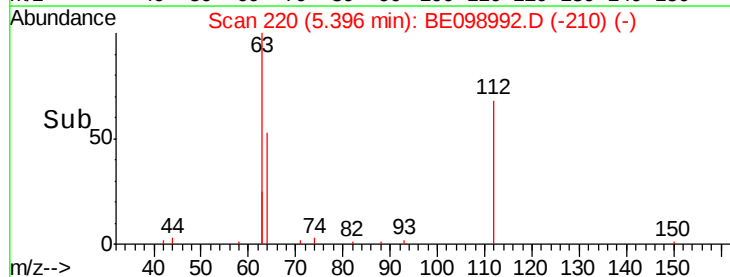
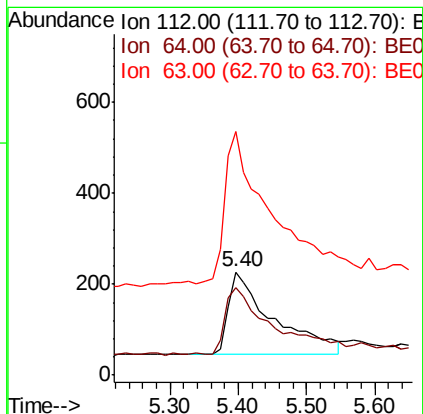
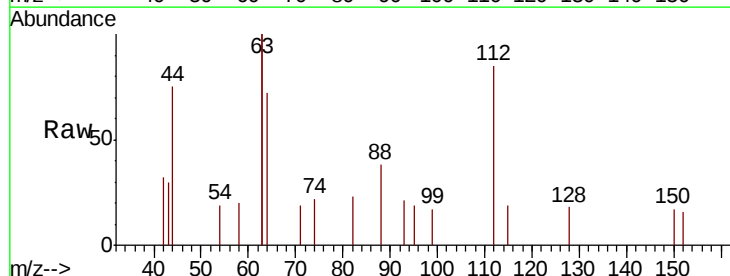
Tot Ion: 42 Resp: 390
 Ion Ratio Lower Upper
 42 100
 74 73.1 57.0 85.4
 44 14.9 0.0 0.0#

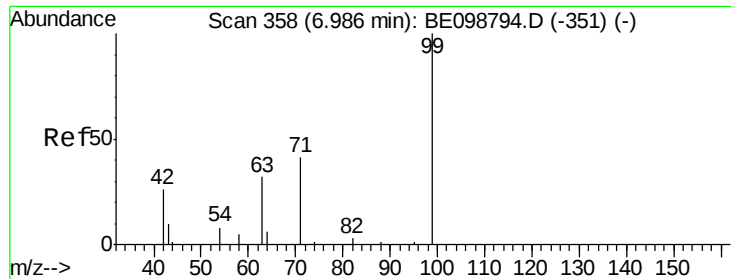


#4

2-Fluorophenol
 Concen: 0.261 ng
 RT: 5.40 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: BE098992.D
 Acq: 16 Mar 2019 5:33

Tgt Ion: 112 Resp: 838
 Ion Ratio Lower Upper
 112 100
 64 88.5 57.9 86.9#
 63 208.5 158.3 237.5





#5

Phenol-d6

Concen: 0.327 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE098992.D

Acq: 16 Mar 2019 5:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

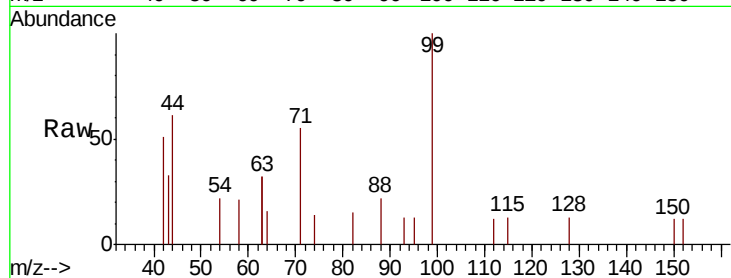
Tot Ion: 99 Resp: 1486

Ion Ratio Lower Upper

99 100

42 36.0 24.2 36.2

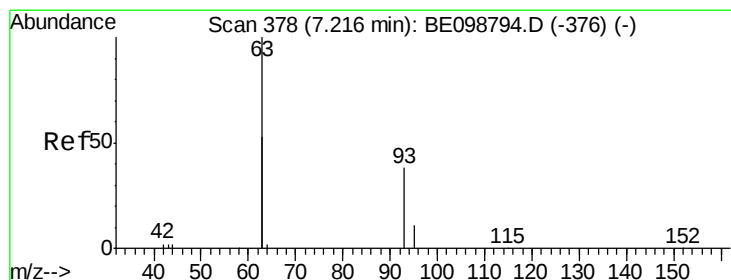
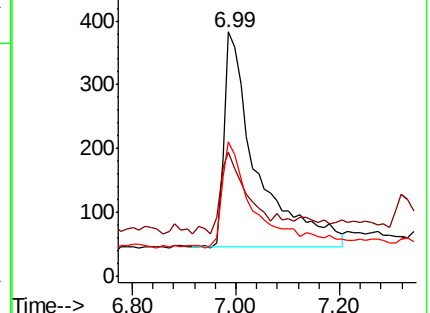
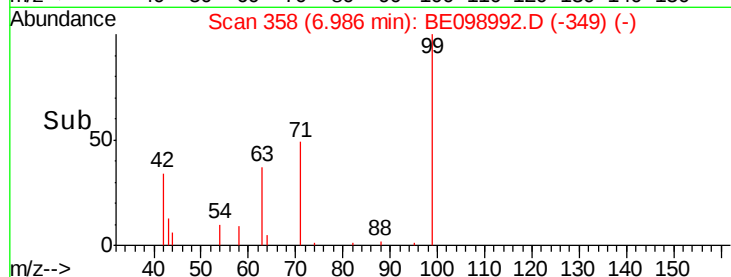
71 51.0 35.7 53.5



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: 0.316 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE098992.D

Acq: 16 Mar 2019 5:33

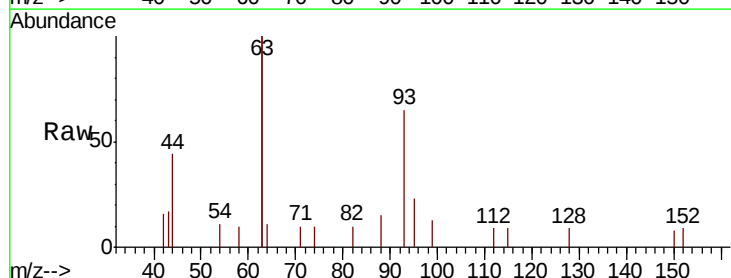
Tgt Ion: 93 Resp: 1108

Ion Ratio Lower Upper

93 100

63 279.2 247.5 371.3

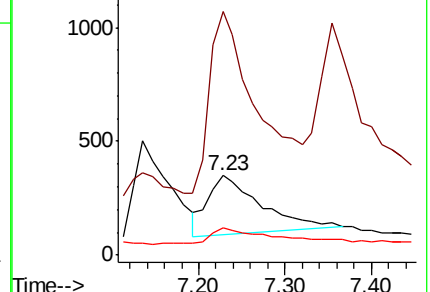
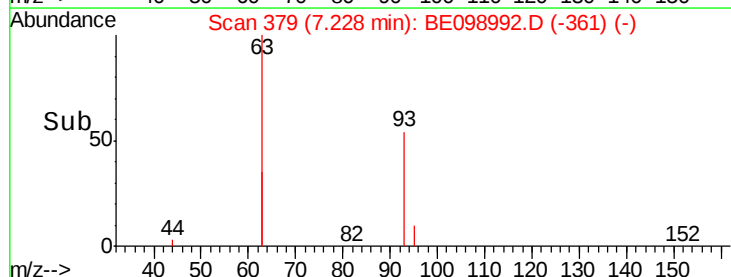
95 31.6 21.8 32.8

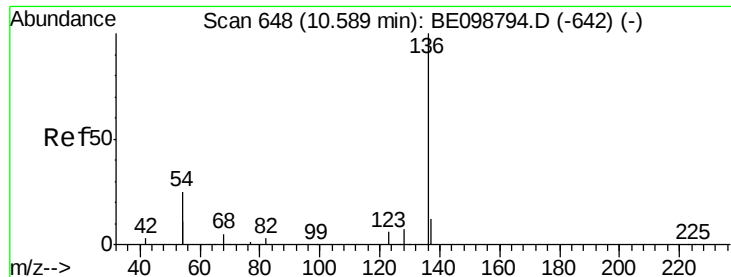


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098992.D

Acq: 16 Mar 2019 5:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 4739

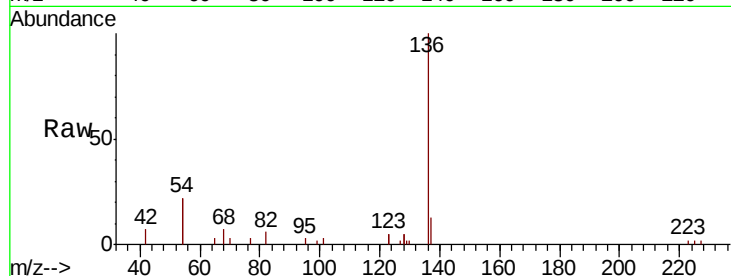
Ion Ratio Lower Upper

136 100

137 13.2 11.4 17.0

54 43.9 39.3 58.9

68 6.9 6.7 10.1

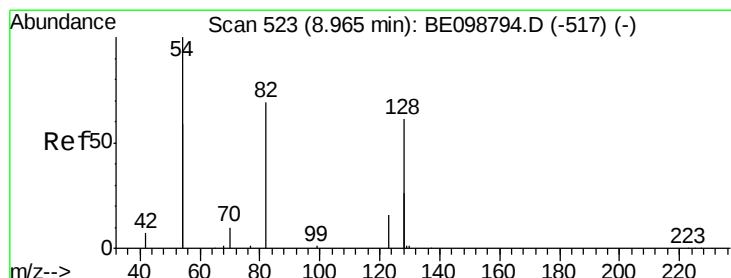
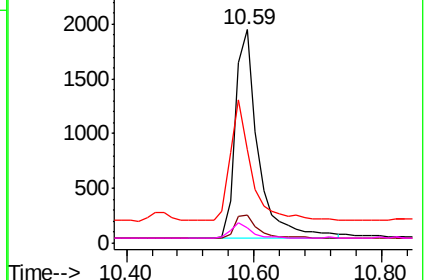
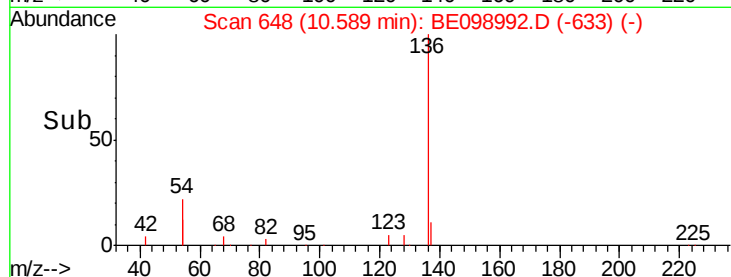


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.320 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE098992.D

Acq: 16 Mar 2019 5:33

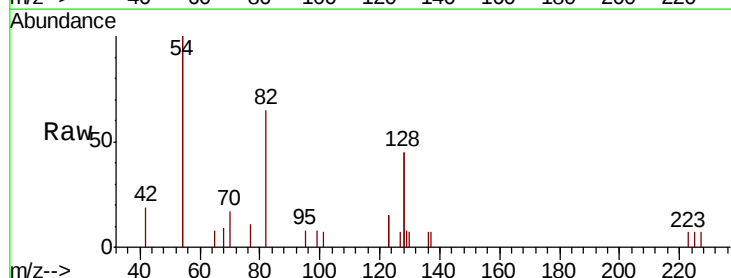
Tgt Ion: 82 Resp: 1588

Ion Ratio Lower Upper

82 100

128 140.1 123.8 185.8

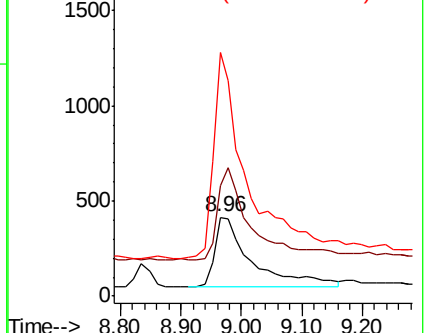
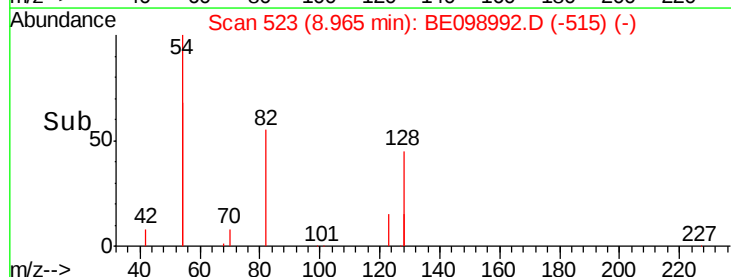
54 309.2 203.4 305.2#

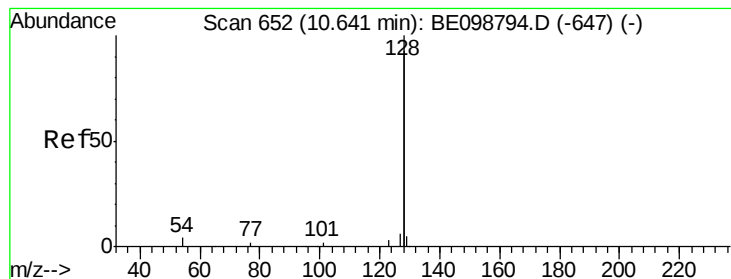


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.392 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE098992.D

Acq: 16 Mar 2019 5:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

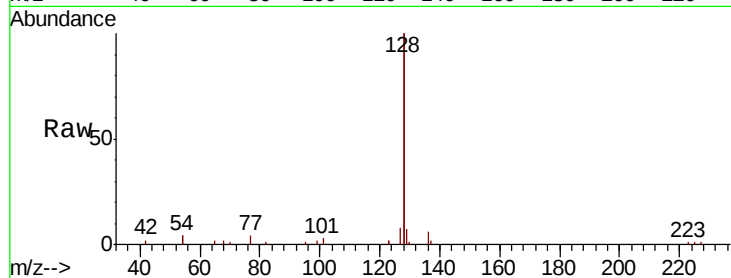
Tot Ion:128 Resp: 21252

Ion Ratio Lower Upper

128 100

129 3.3 2.6 4.0

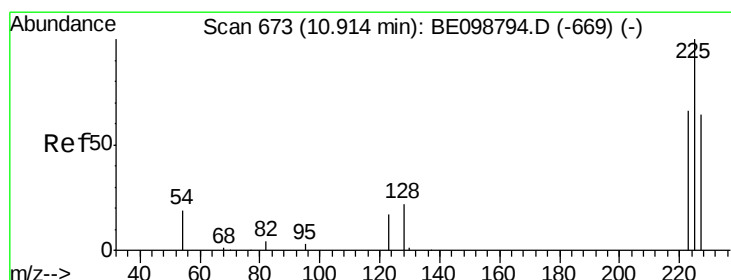
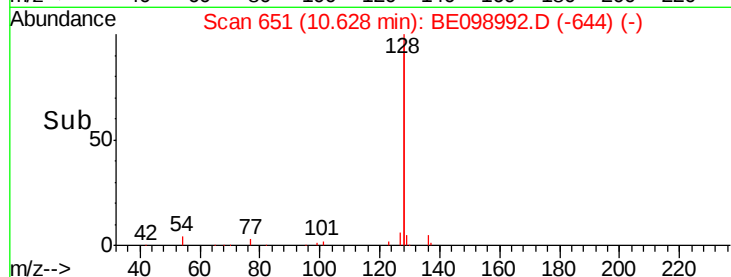
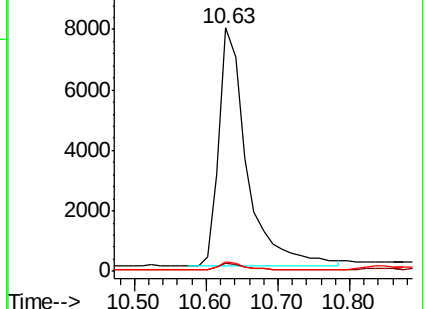
127 3.8 3.1 4.7



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: 0.364 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE098992.D

Acq: 16 Mar 2019 5:33

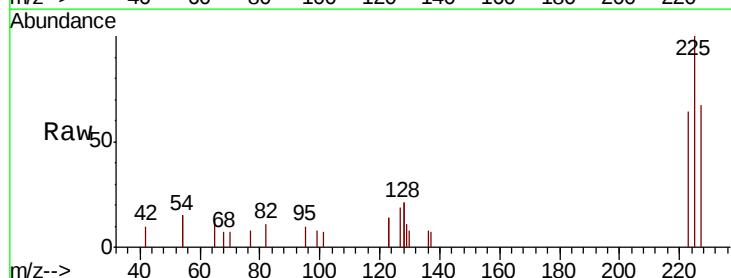
Tgt Ion:225 Resp: 1308

Ion Ratio Lower Upper

225 100

223 63.2 51.1 76.7

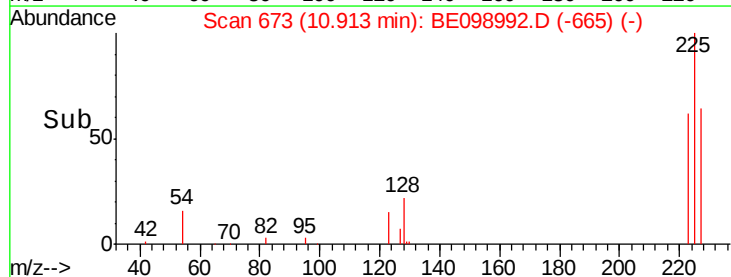
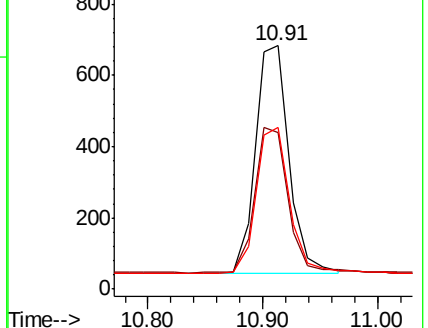
227 64.2 51.6 77.4

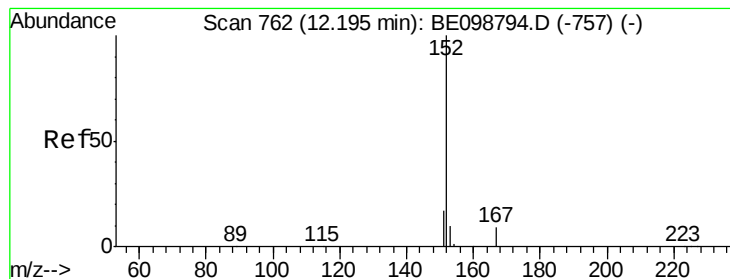


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.370 ng

RT: 12.19 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE098992.D

Acq: 16 Mar 2019 5:33

Instrument :

BNA_E

ClientSampleId :

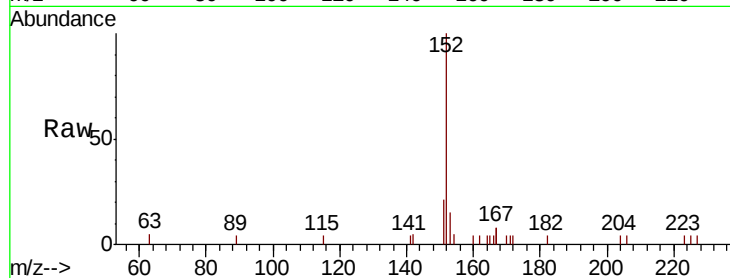
SSTDCCC0.4EC

Tot Ion:152 Resp: 3241

Ion Ratio Lower Upper

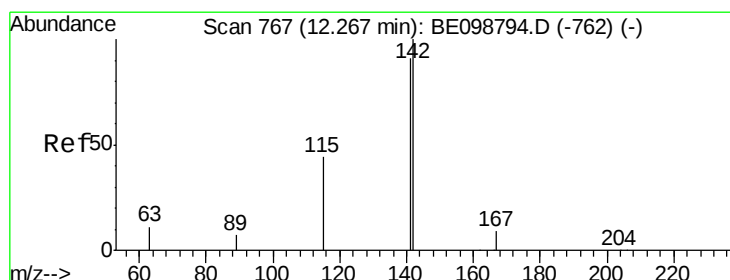
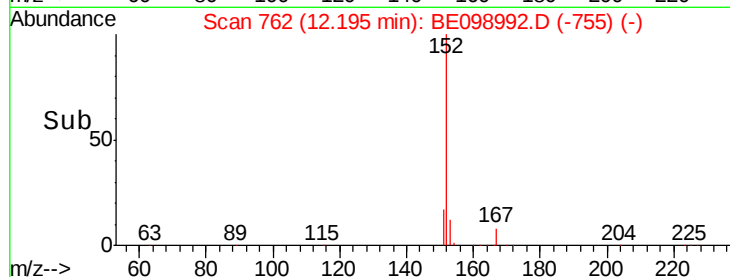
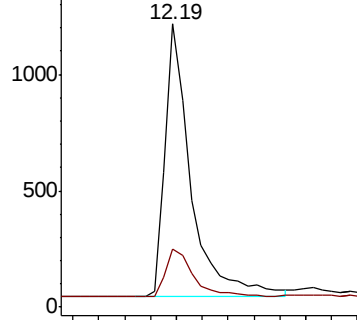
152 100

151 19.3 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.366 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098992.D

Acq: 16 Mar 2019 5:33

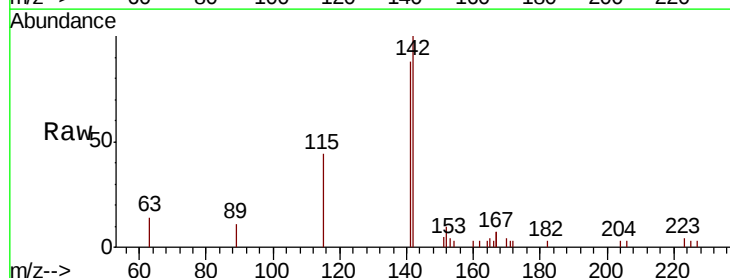
Tgt Ion:142 Resp: 3219

Ion Ratio Lower Upper

142 100

141 87.8 72.6 108.8

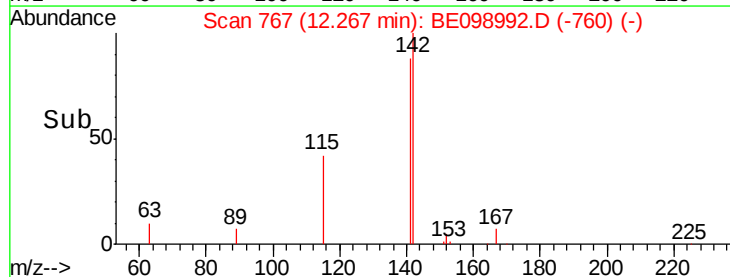
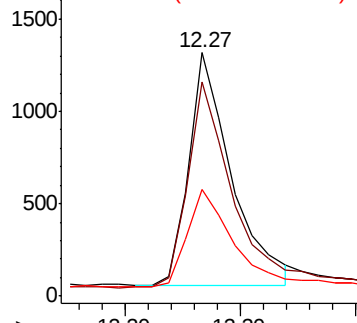
115 43.8 37.4 56.2

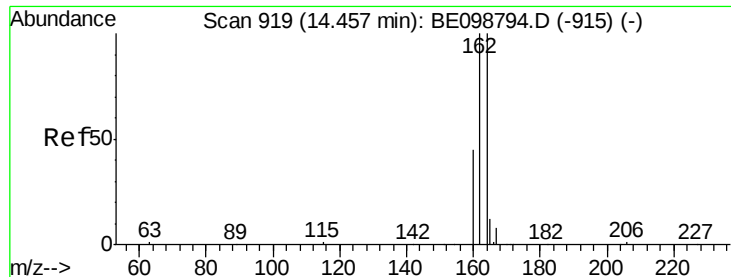


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

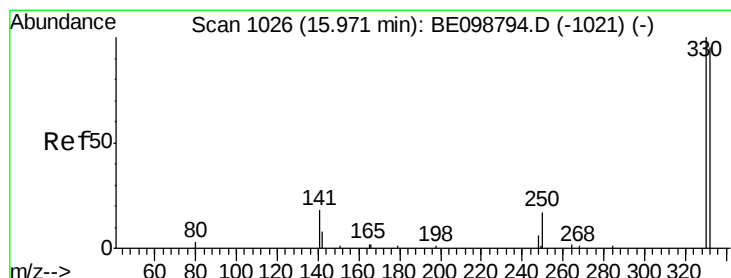
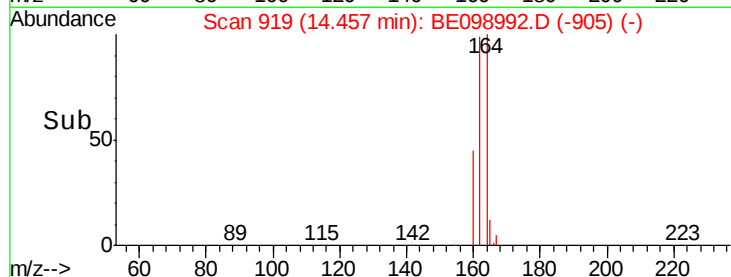
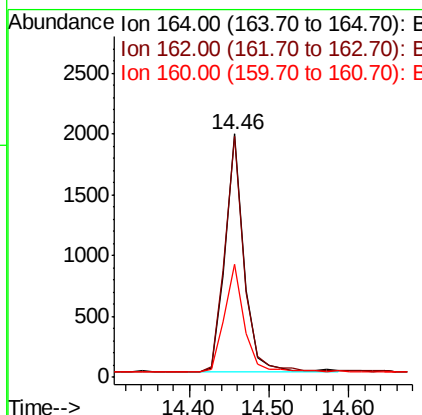
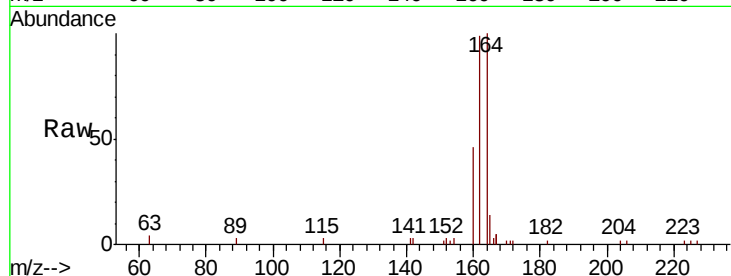




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098992.D
Acq: 16 Mar 2019 5:33

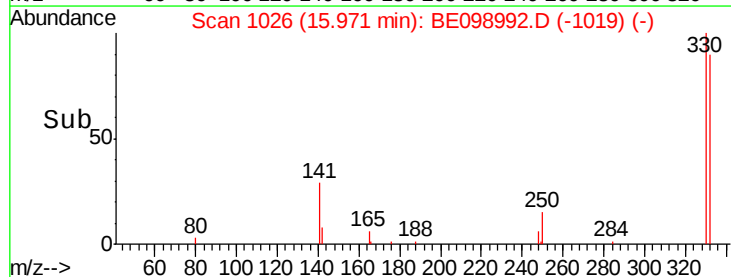
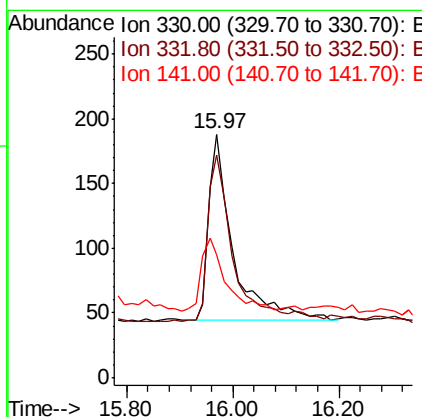
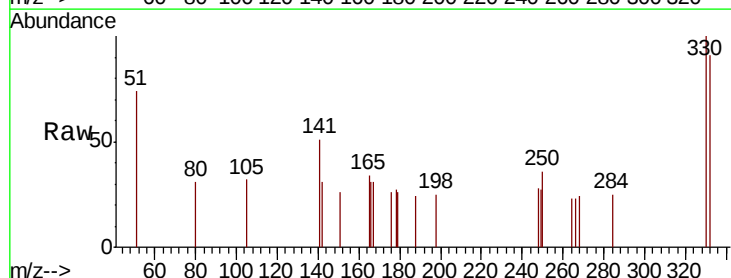
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

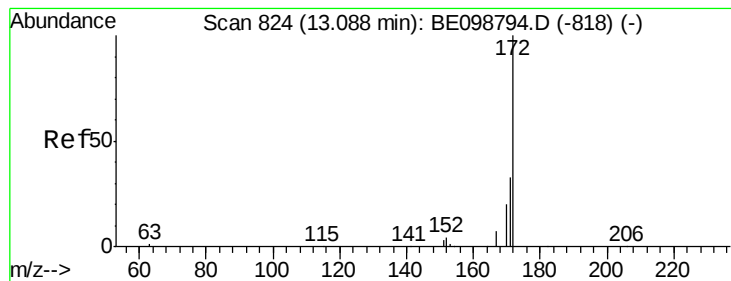
Tot Ion:164 Resp: 3213
Ion Ratio Lower Upper
164 100
162 99.2 80.2 120.2
160 46.4 37.8 56.8



#14
2,4,6-Tribromophenol
Concen: 0.282 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098992.D
Acq: 16 Mar 2019 5:33

Tgt Ion:330 Resp: 457
Ion Ratio Lower Upper
330 100
332 89.3 77.6 116.4
141 39.8 31.0 46.4

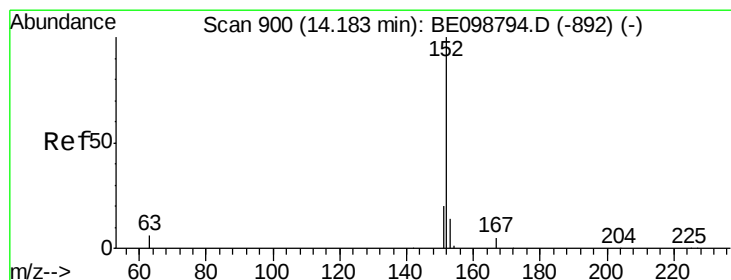
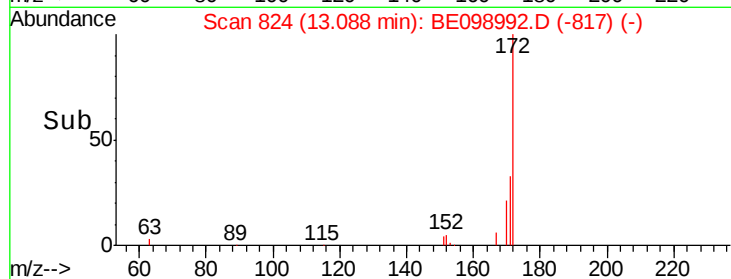
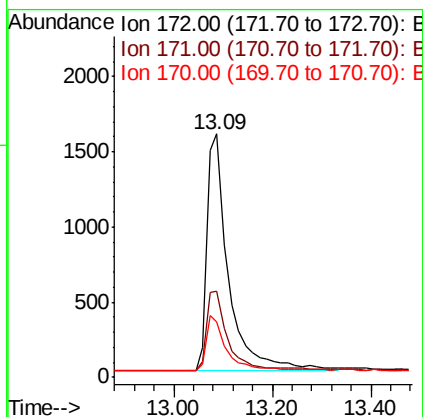
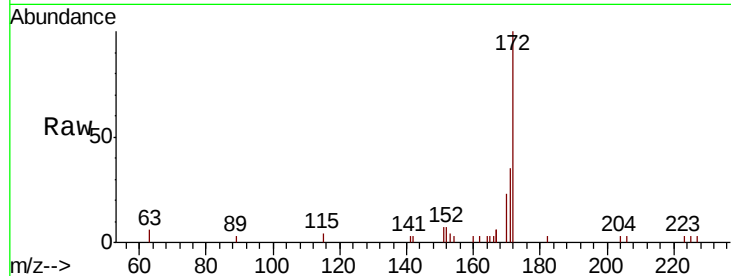




#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098992.D
Acq: 16 Mar 2019 5:33

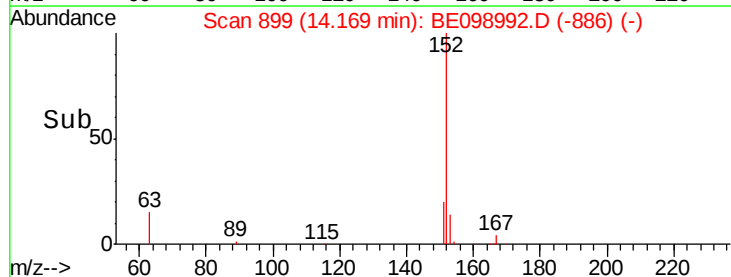
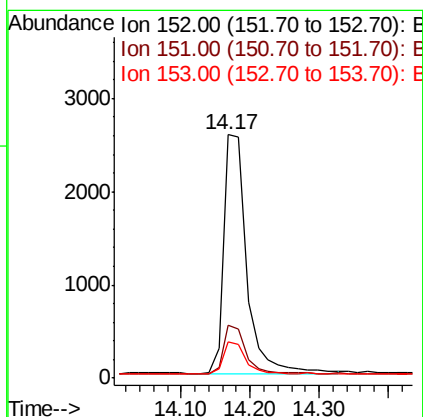
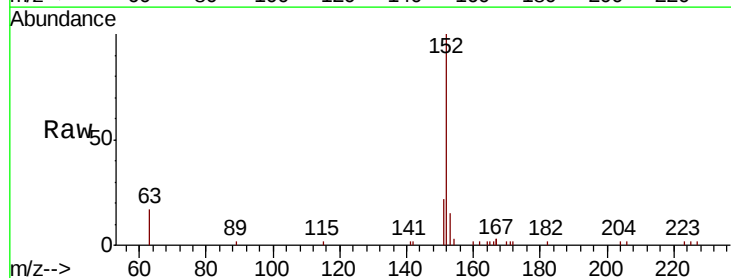
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

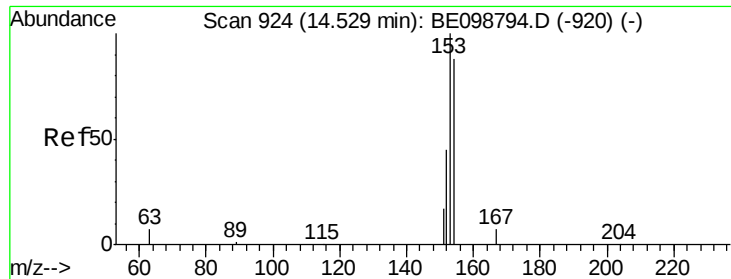
Tot Ion:172 Resp: 4760
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 22.8 17.7 26.5



#16
Acenaphthylene
Concen: 0.360 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.01 min
Lab File: BE098992.D
Acq: 16 Mar 2019 5:33

Tgt Ion:152 Resp: 5945
Ion Ratio Lower Upper
152 100
151 19.8 17.0 25.6
153 13.3 11.2 16.8

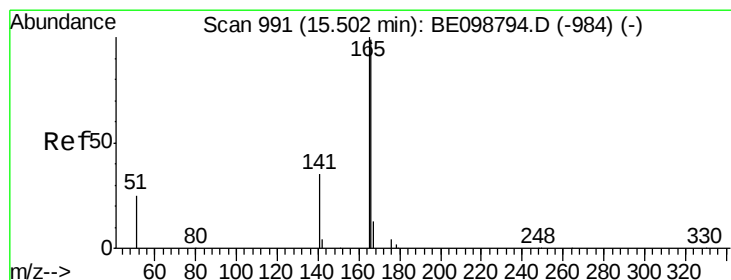
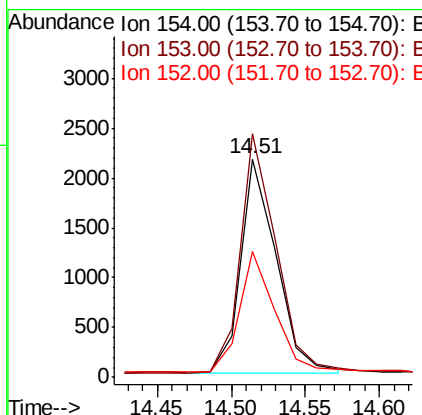
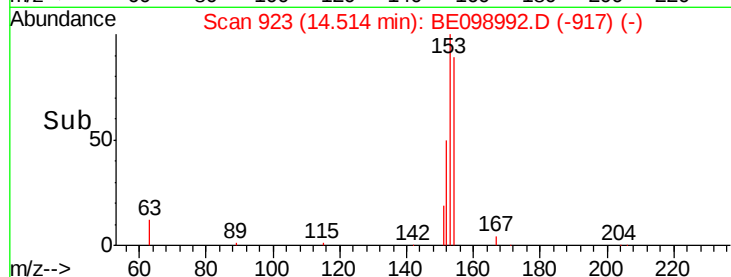
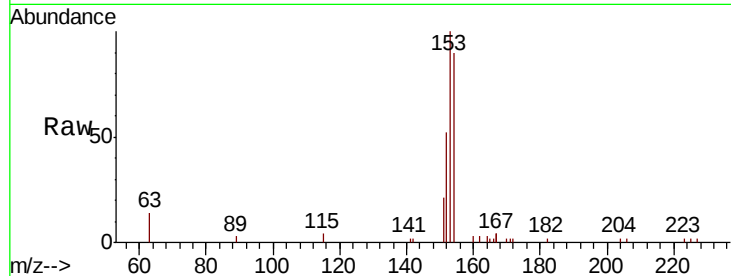




#17
Acenaphthene
Concen: 0.364 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098992.D
Acq: 16 Mar 2019 5:33

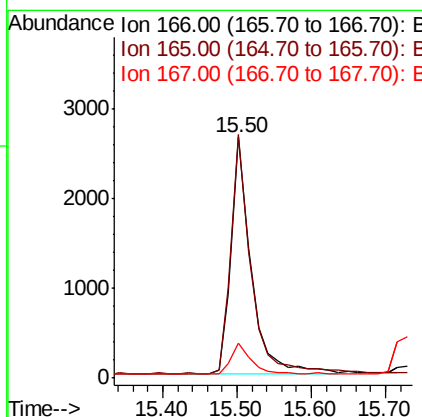
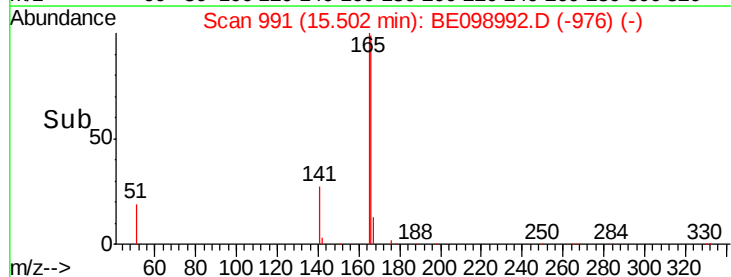
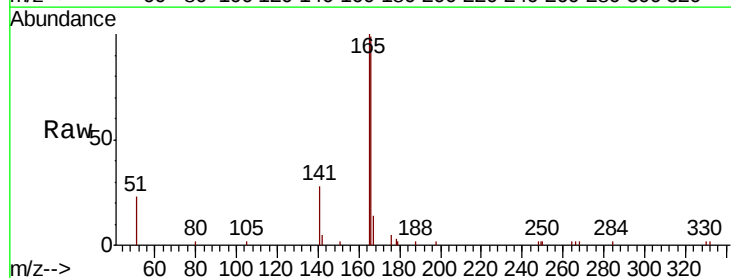
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

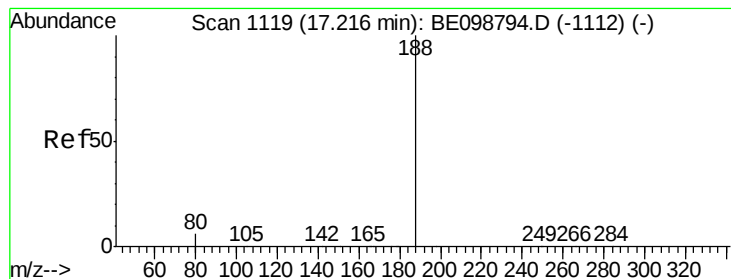
Tot Ion:154 Resp: 3569
Ion Ratio Lower Upper
154 100
153 113.2 94.2 141.4
152 56.4 45.0 67.4



#18
Fluorene
Concen: 0.351 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098992.D
Acq: 16 Mar 2019 5:33

Tgt Ion:166 Resp: 4961
Ion Ratio Lower Upper
166 100
165 100.3 79.3 118.9
167 12.8 10.5 15.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE098992.D

Acq: 16 Mar 2019 5:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

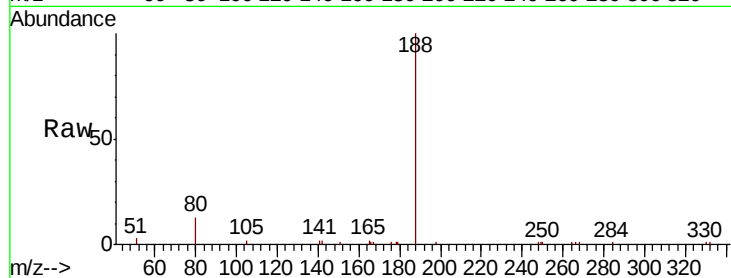
Tot Ion:188 Resp: 7699

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

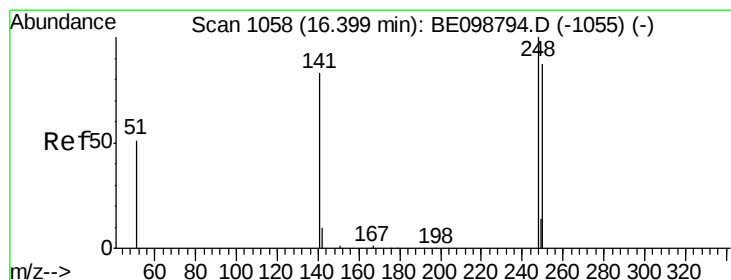
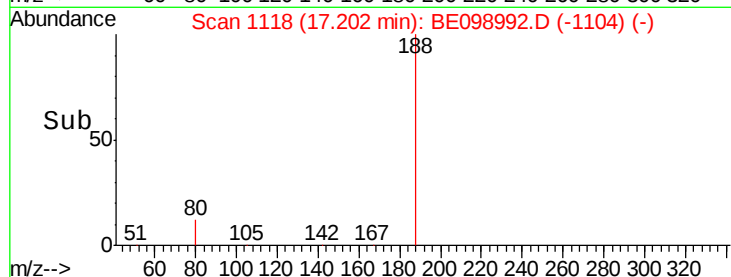
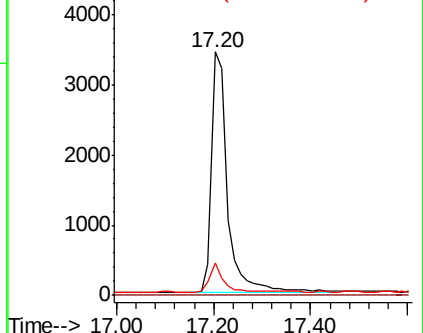
80 13.1 6.3 9.5#



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: 0.371 ng

RT: 16.40 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BE098992.D

Acq: 16 Mar 2019 5:33

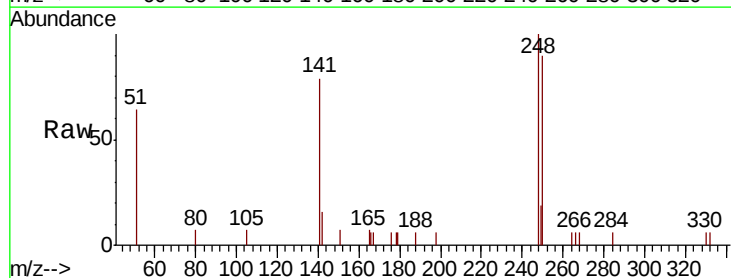
Tgt Ion:248 Resp: 1548

Ion Ratio Lower Upper

248 100

250 89.5 70.6 105.8

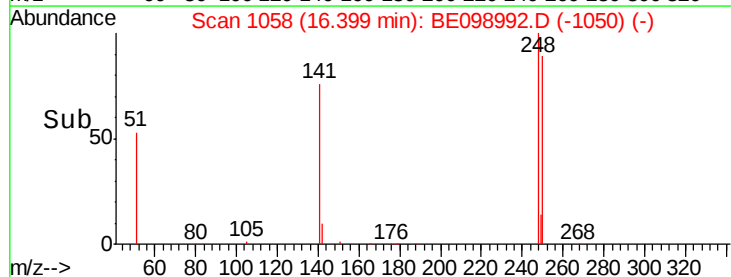
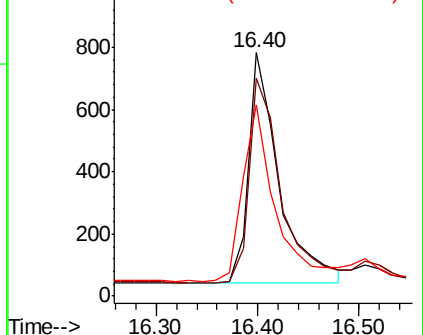
141 78.5 68.6 102.8

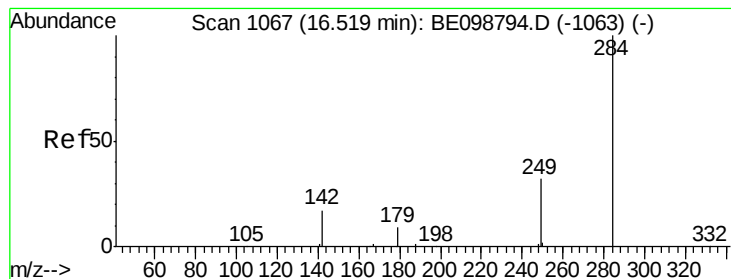


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.377 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE098992.D

Acq: 16 Mar 2019 5:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

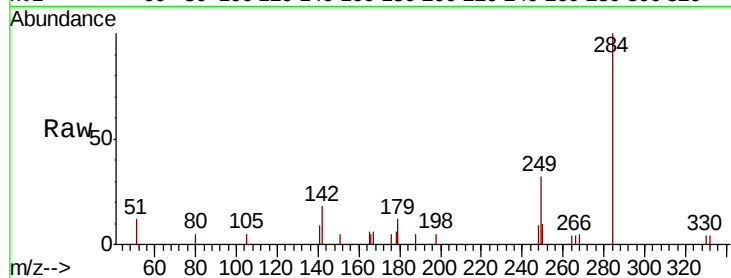
Tot Ion:284 Resp: 1871

Ion Ratio Lower Upper

284 100

142 34.6 28.7 43.1

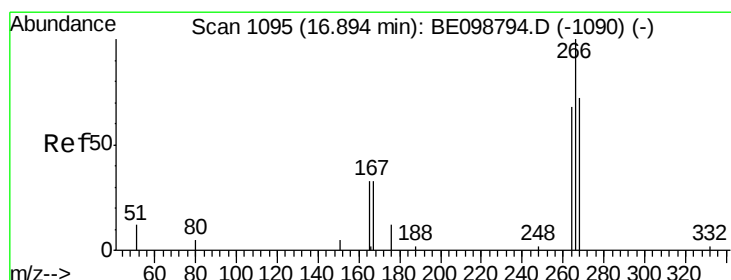
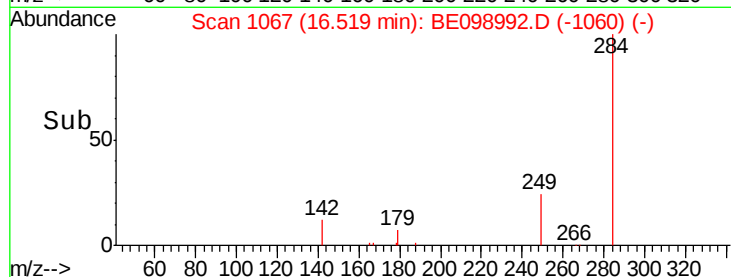
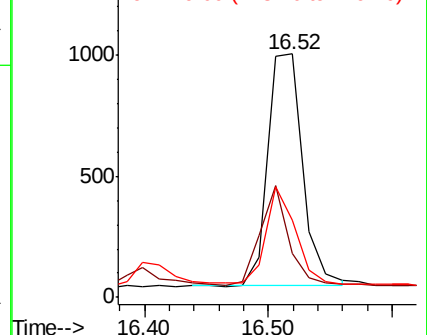
249 35.0 29.6 44.4



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: 0.341 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098992.D

Acq: 16 Mar 2019 5:33

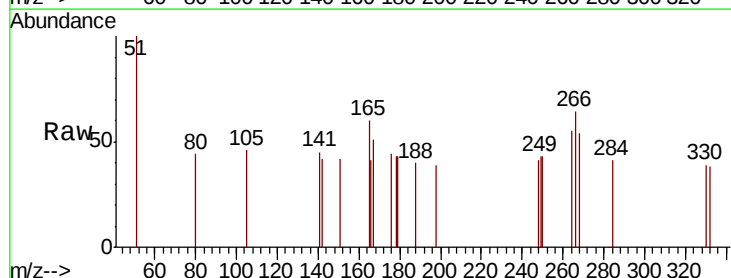
Tgt Ion:266 Resp: 129

Ion Ratio Lower Upper

266 100

264 85.1 66.6 100.0

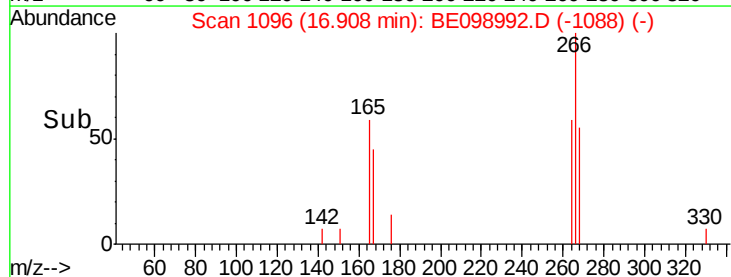
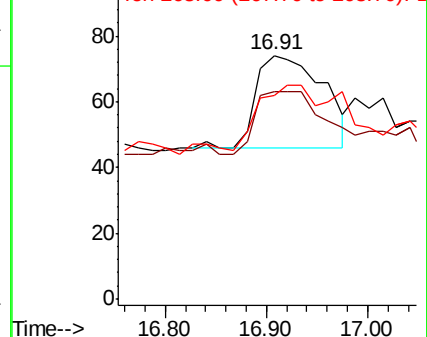
268 83.8 69.8 104.8

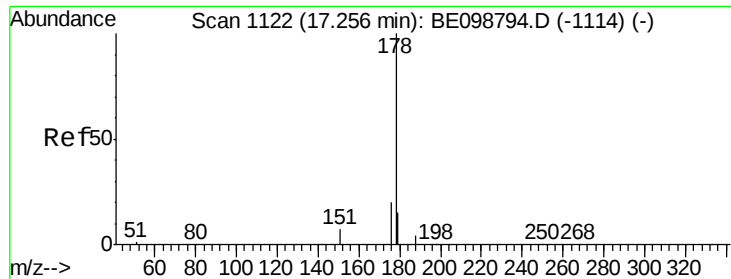


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.358 ng

RT: 17.26 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098992.D

Acq: 16 Mar 2019 5:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

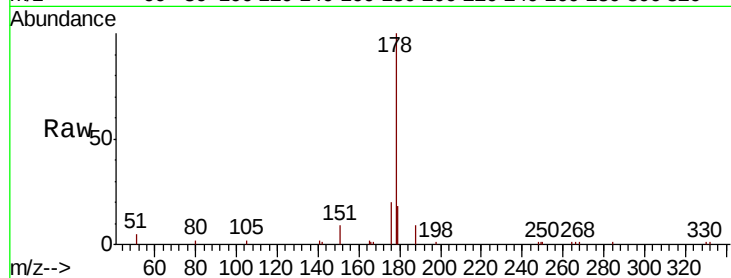
Tot Ion:178 Resp: 7835

Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

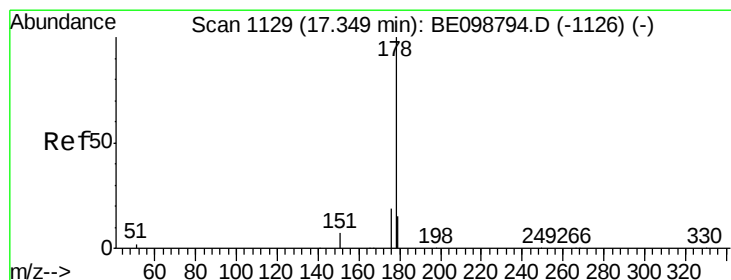
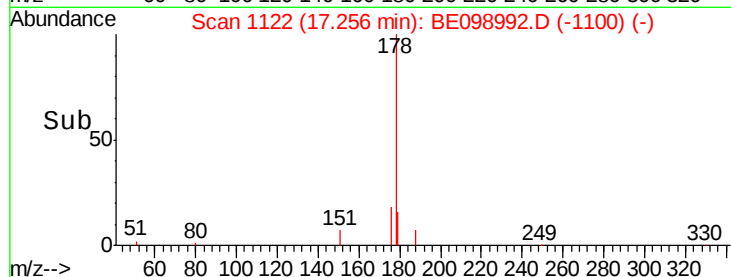
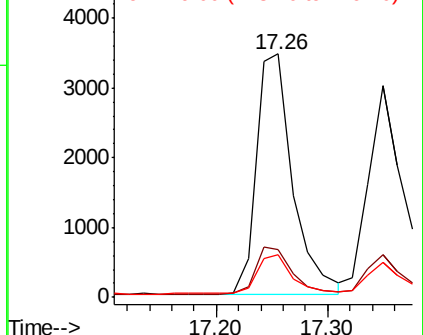
179 15.8 12.1 18.1



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



#24

Anthracene

Concen: 0.328 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE098992.D

Acq: 16 Mar 2019 5:33

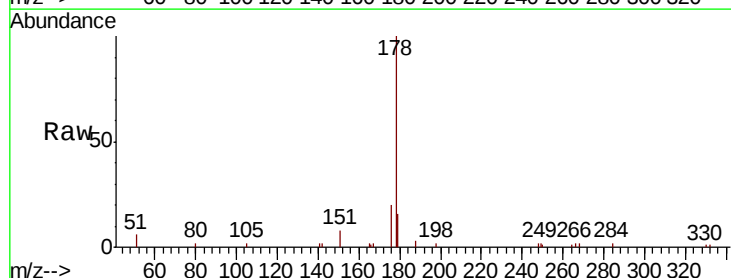
Tgt Ion:178 Resp: 6141

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

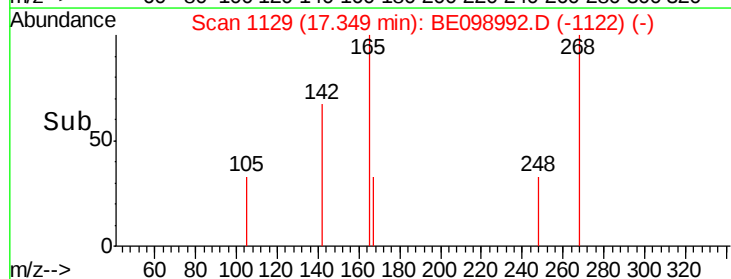
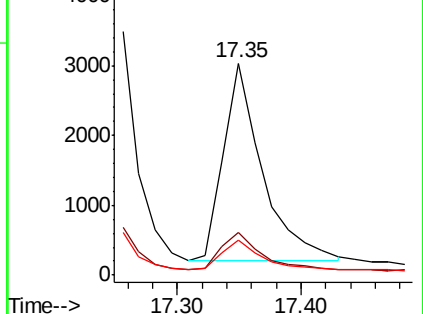
179 14.4 12.2 18.4

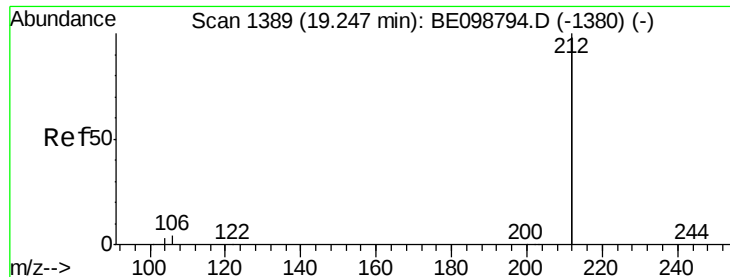


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.329 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098992.D

Acq: 16 Mar 2019 5:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

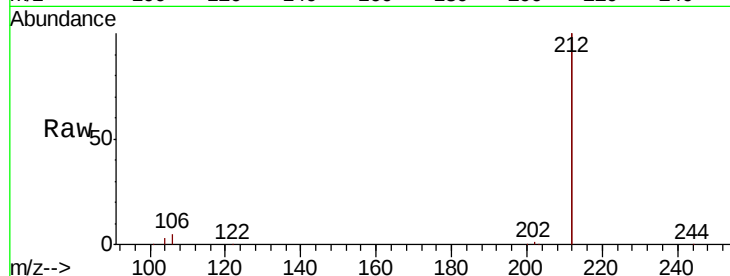
Tot Ion:212 Resp: 40443

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

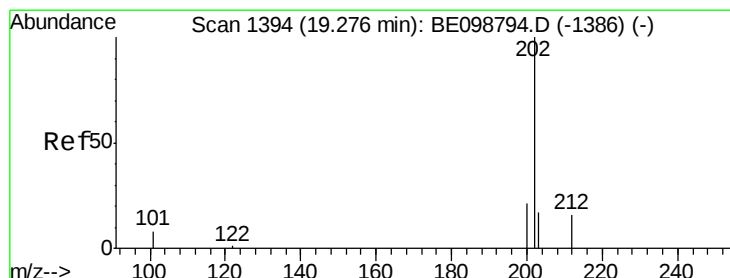
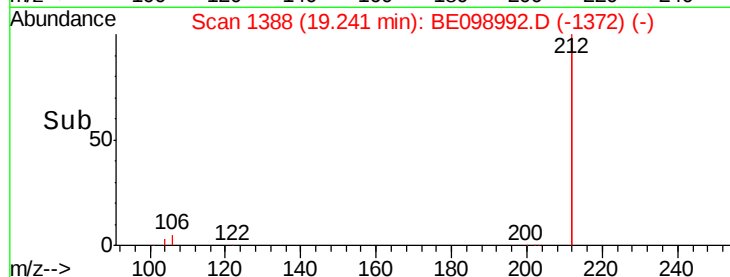
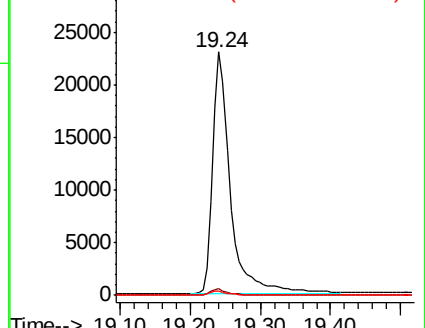
104 1.4 1.0 1.6



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: 0.334 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BE098992.D

Acq: 16 Mar 2019 5:33

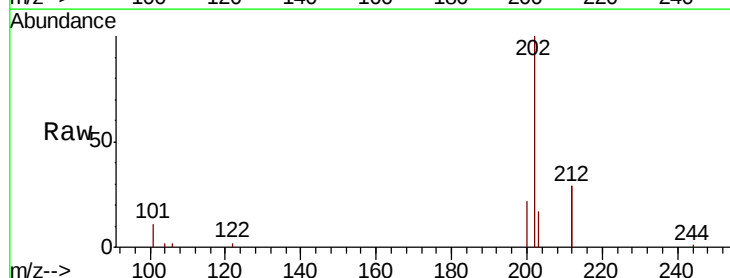
Tgt Ion:202 Resp: 10308

Ion Ratio Lower Upper

202 100

101 9.4 7.3 10.9

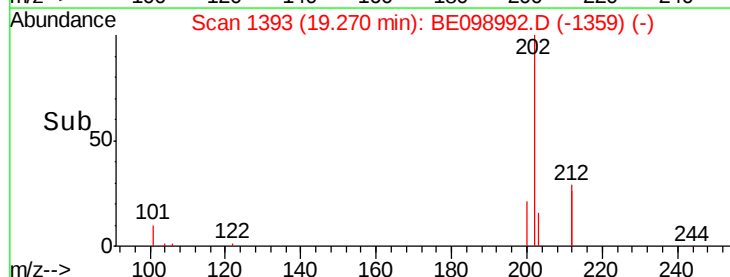
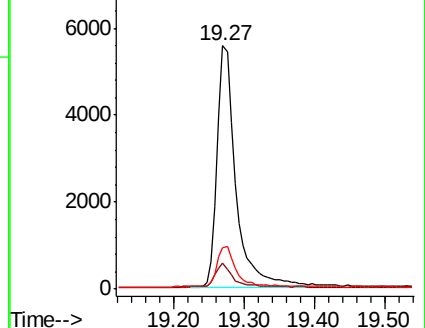
203 16.7 13.4 20.2

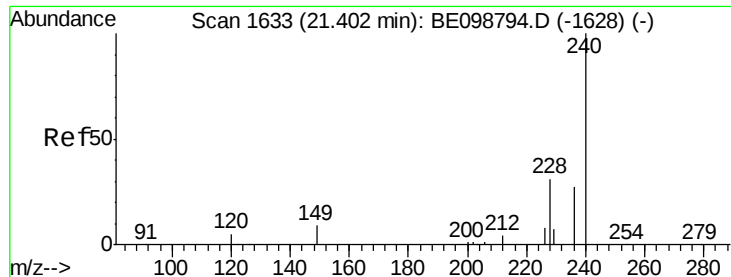


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE098992.D

Acq: 16 Mar 2019 5:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

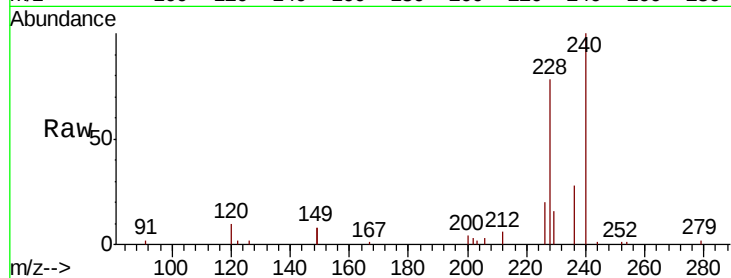
Tot Ion:240 Resp: 8747

Ion Ratio Lower Upper

240 100

120 9.7 5.0 7.4#

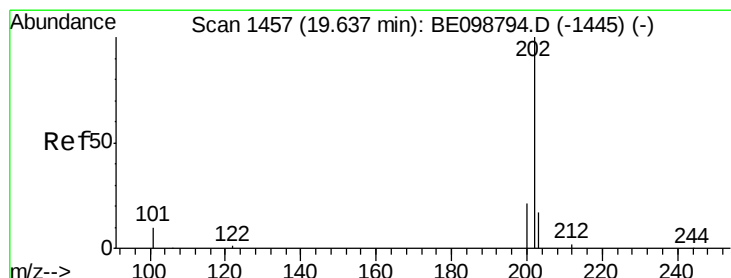
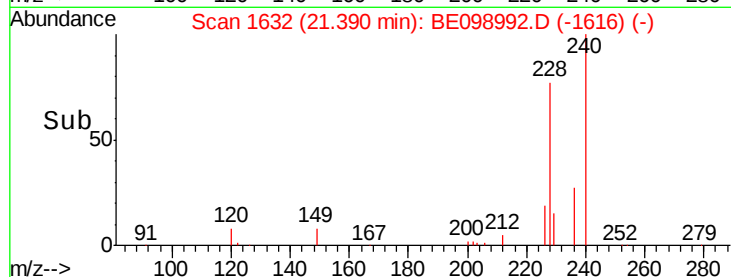
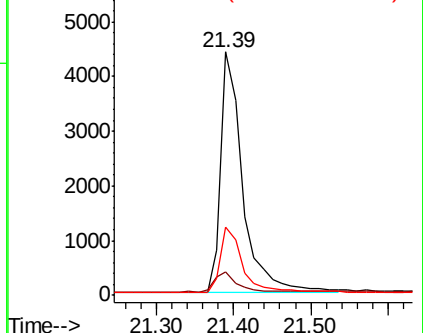
236 27.9 22.7 34.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.390 ng

RT: 19.64 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BE098992.D

Acq: 16 Mar 2019 5:33

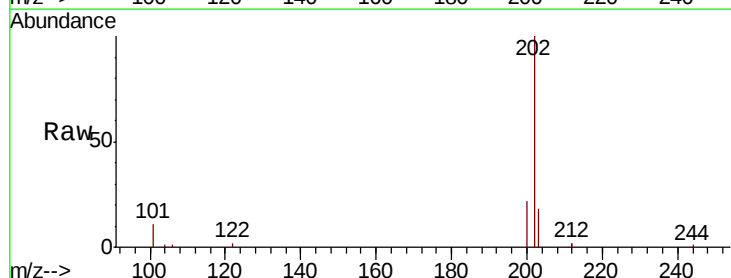
Tgt Ion:202 Resp: 10442

Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.6

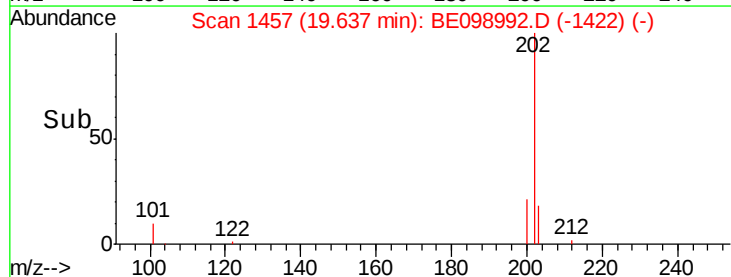
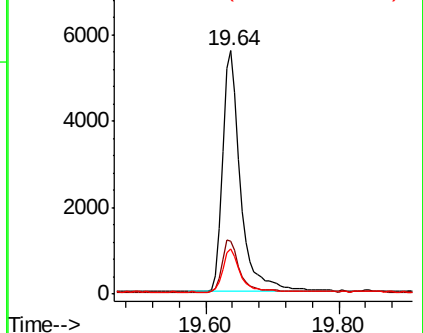
203 17.5 14.2 21.2

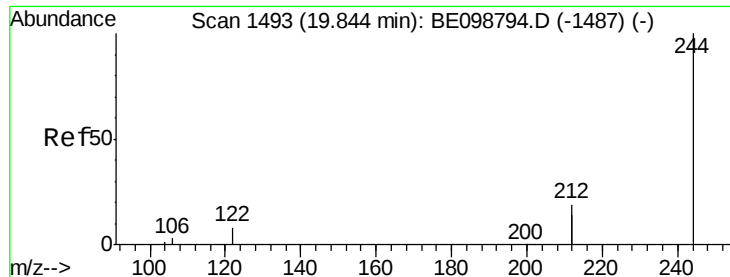


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.359 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BE098992.D

Acq: 16 Mar 2019 5:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

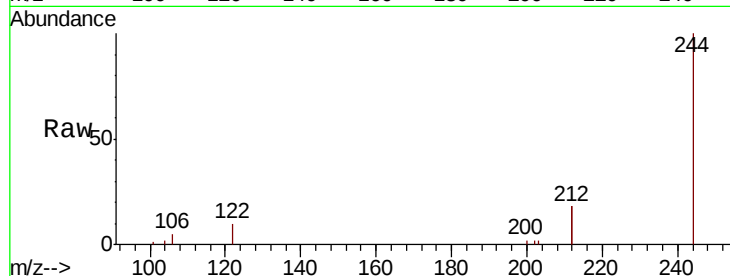
Tot Ion:244 Resp: 7626

Ion Ratio Lower Upper

244 100

212 36.6 29.4 44.2

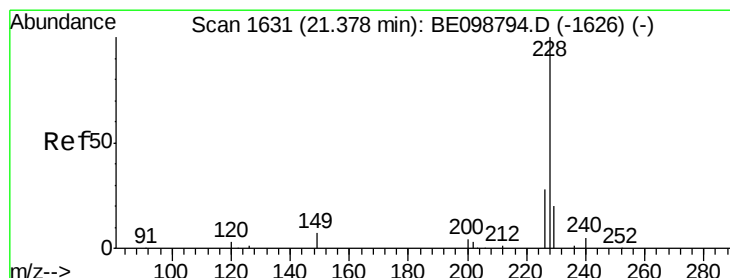
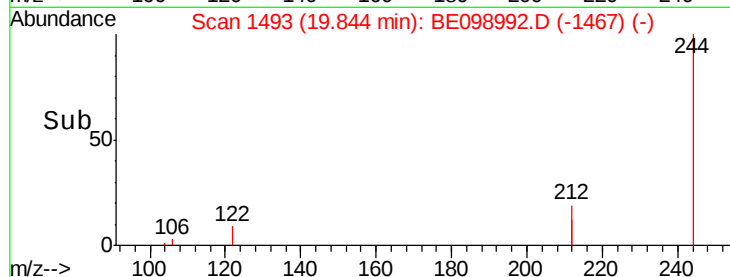
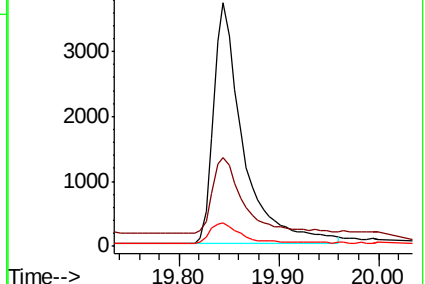
122 9.7 7.1 10.7



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: 0.314 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BE098992.D

Acq: 16 Mar 2019 5:33

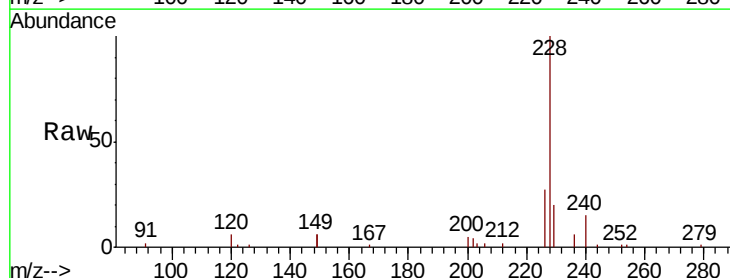
Tgt Ion:228 Resp: 8581

Ion Ratio Lower Upper

228 100

226 27.0 23.0 34.4

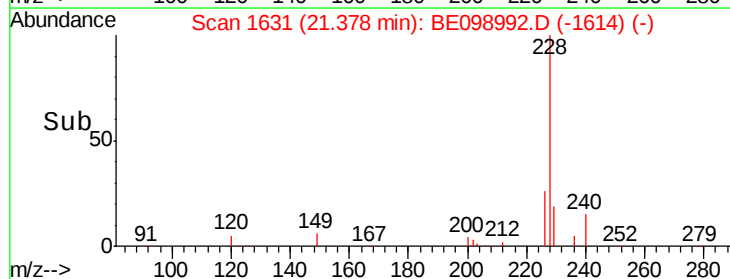
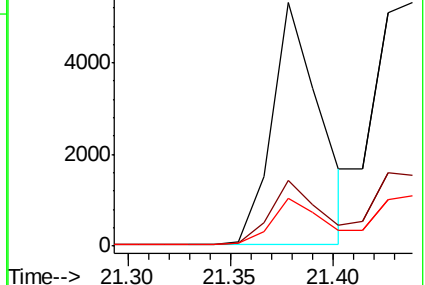
229 19.7 16.5 24.7

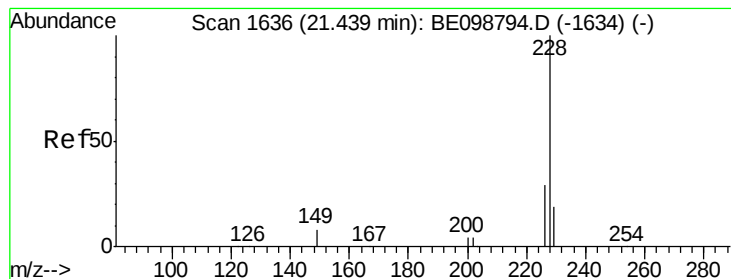


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.400 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BE098992.D

Acq: 16 Mar 2019 5:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

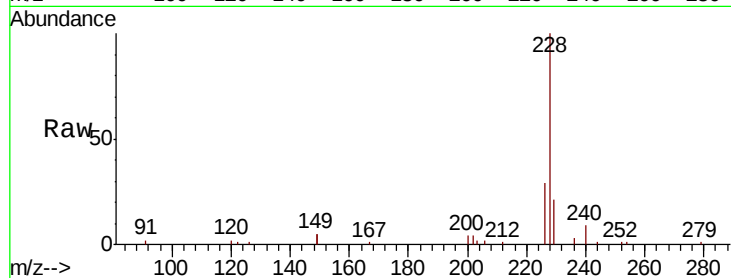
Tot Ion:228 Resp: 11674

Ion Ratio Lower Upper

228 100

226 29.1 23.7 35.5

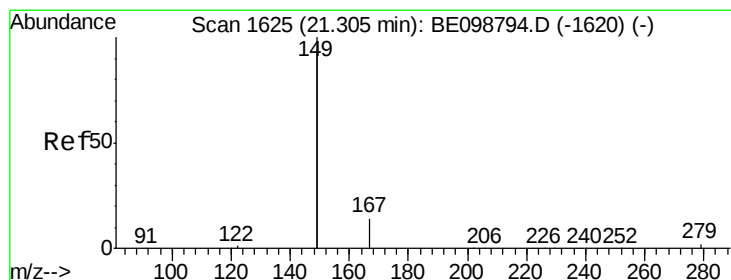
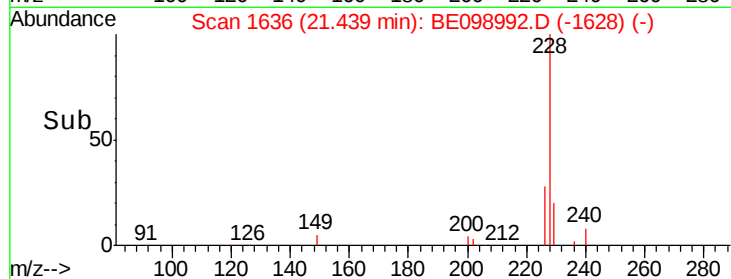
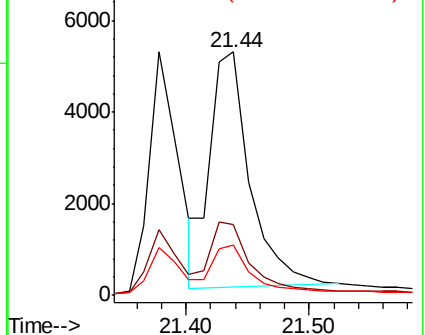
229 20.8 16.1 24.1



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: 0.290 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098992.D

Acq: 16 Mar 2019 5:33

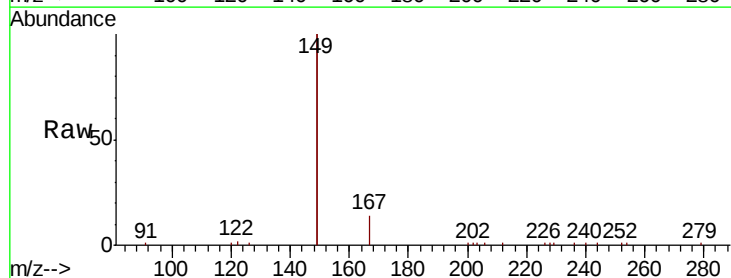
Tgt Ion:149 Resp: 16824

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

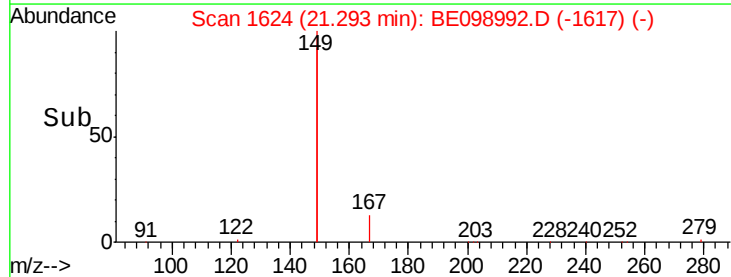
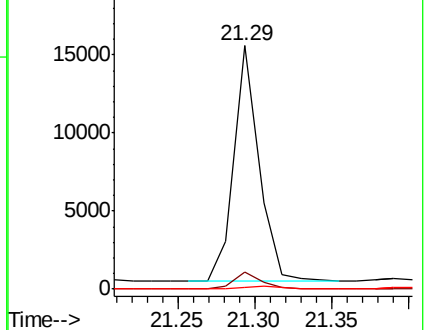
279 1.1 1.0 1.4

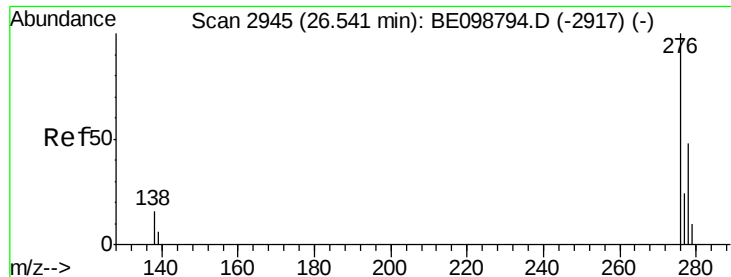


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

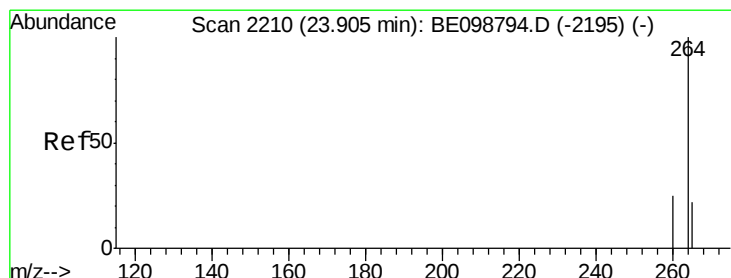
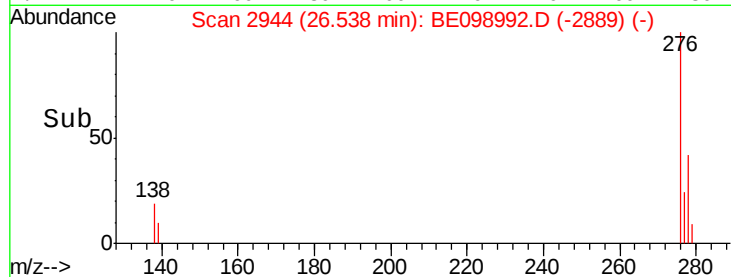
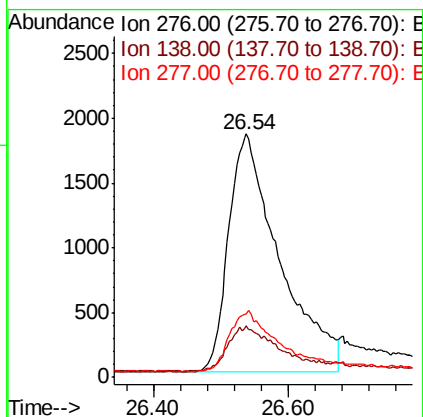
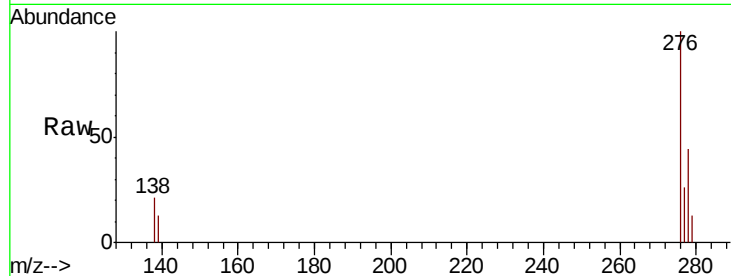




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.310 ng
RT: 26.54 min Scan# 2944
Delta R.T. -0.00 min
Lab File: BE098992.D
Acq: 16 Mar 2019 5:33

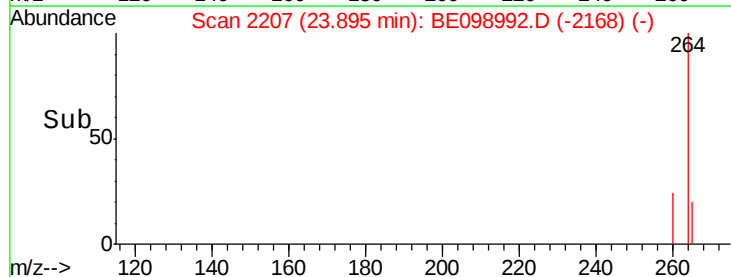
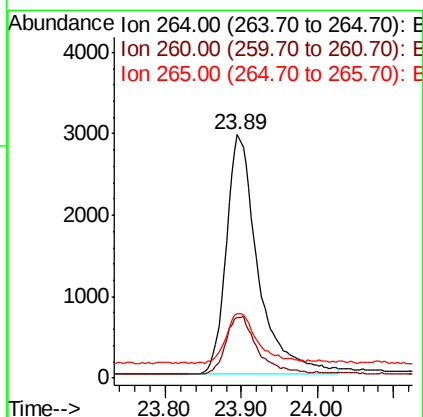
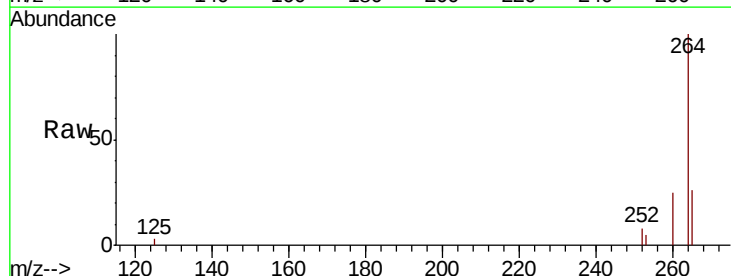
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

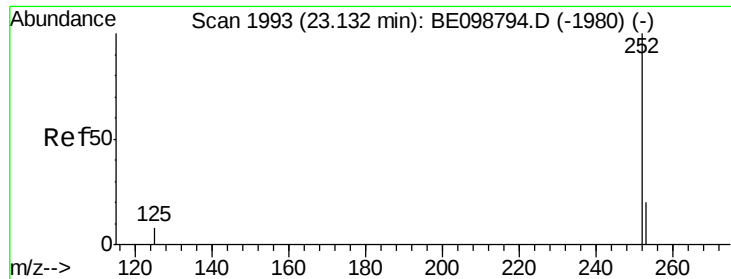
Tot Ion:276 Resp: 9571
Ion Ratio Lower Upper
276 100
138 17.5 13.8 20.8
277 25.1 19.5 29.3



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE098992.D
Acq: 16 Mar 2019 5:33

Tgt Ion:264 Resp: 8539
Ion Ratio Lower Upper
264 100
260 25.1 21.2 31.8
265 26.3 24.6 36.8

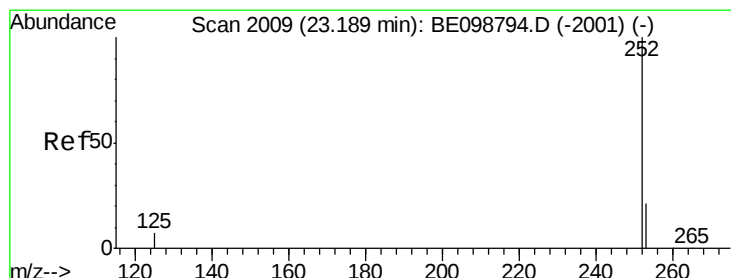
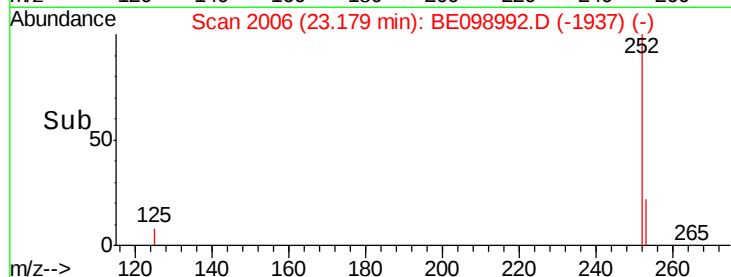
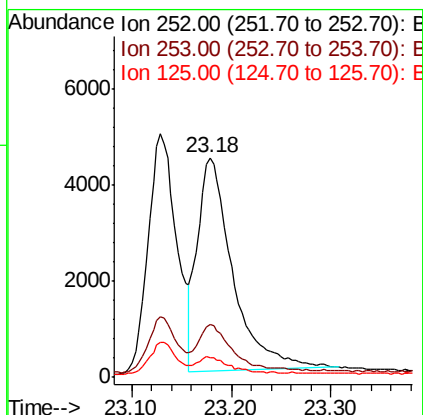
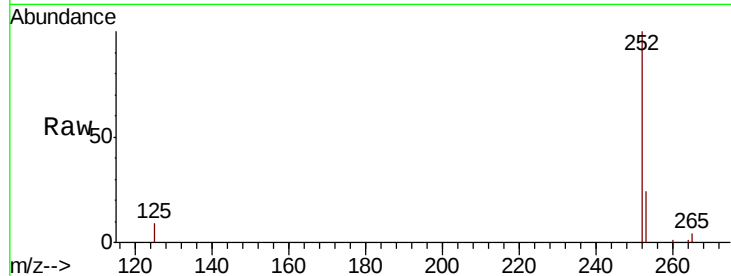




#35
Benzo(b)fluoranthene
Concen: 0.390 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.05 min
Lab File: BE098992.D
Acq: 16 Mar 2019 5:33

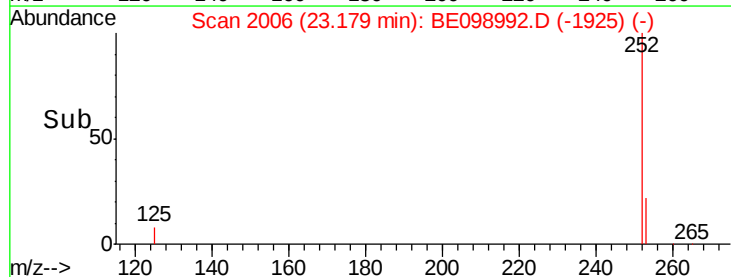
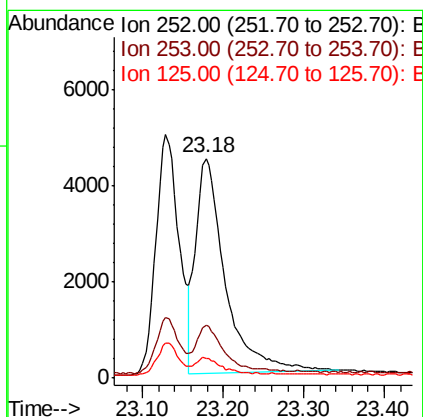
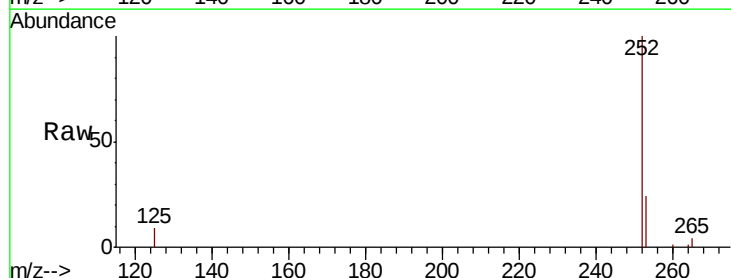
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

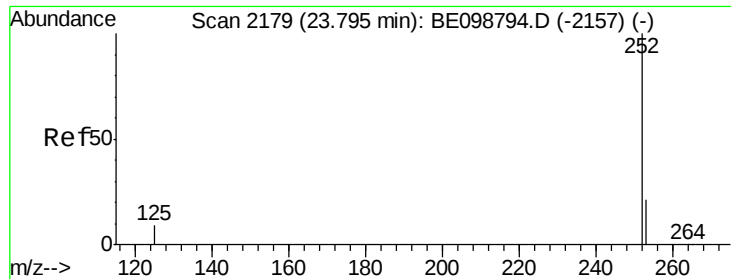
Tot Ion:252 Resp: 10961
Ion Ratio Lower Upper
252 100
253 23.8 18.2 27.2
125 9.2 7.3 10.9



#36
Benzo(k)fluoranthene
Concen: 0.389 ng
RT: 23.18 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BE098992.D
Acq: 16 Mar 2019 5:33

Tgt Ion:252 Resp: 11437
Ion Ratio Lower Upper
252 100
253 23.8 19.3 28.9
125 9.2 7.5 11.3





#37

Benzo(a)pyrene

Concen: 0.368 ng

RT: 23.79 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BE098992.D

Acq: 16 Mar 2019 5:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

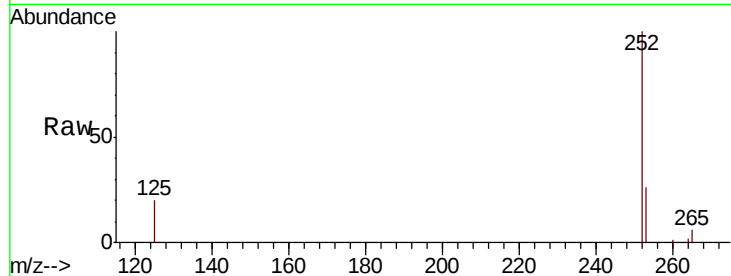
Tot Ion:252 Resp: 9912

Ion Ratio Lower Upper

252 100

253 26.5 19.9 29.9

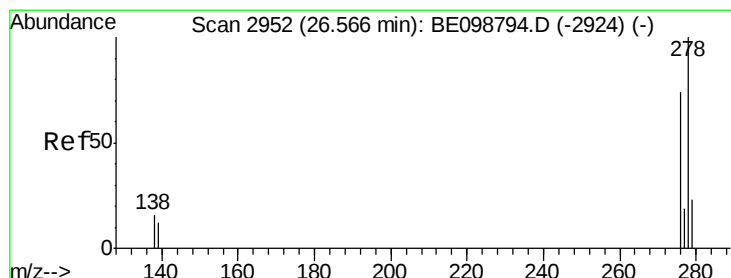
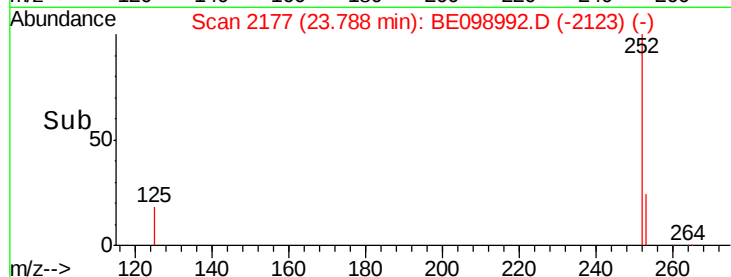
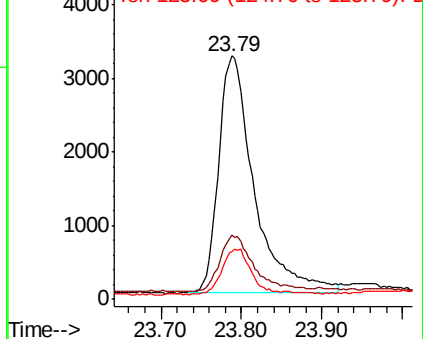
125 19.7 9.0 13.4#



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: 0.295 ng

RT: 26.57 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BE098992.D

Acq: 16 Mar 2019 5:33

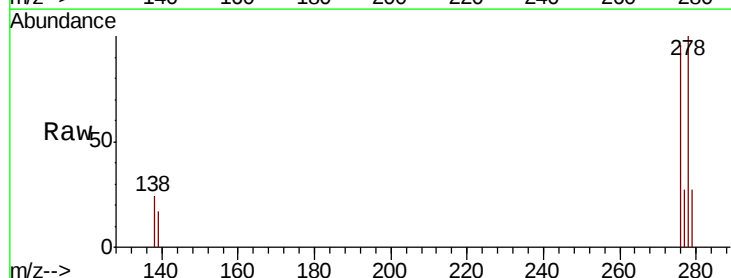
Tgt Ion:278 Resp: 7506

Ion Ratio Lower Upper

278 100

139 16.9 11.8 17.6

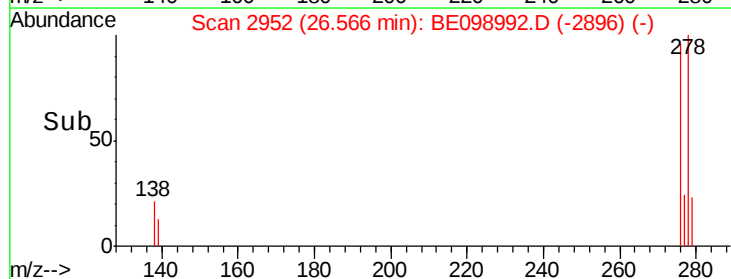
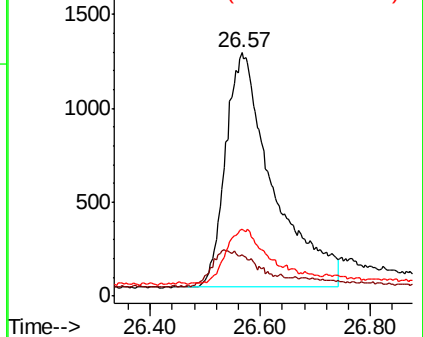
279 27.3 21.1 31.7

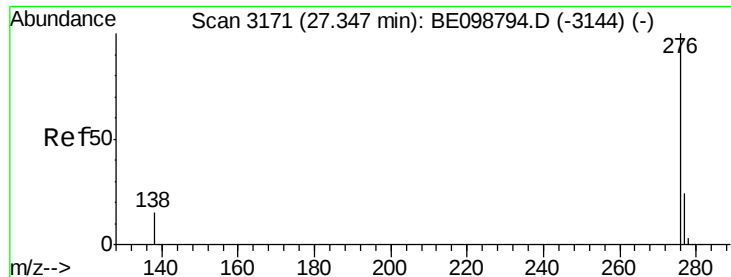


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.334 ng

RT: 27.34 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BE098992.D

Acq: 16 Mar 2019 5:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

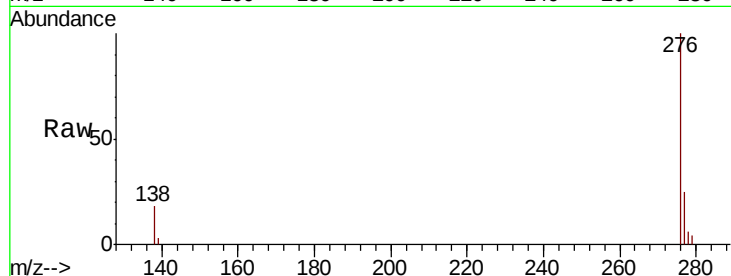
Tot Ion: 276 Resp: 8906

Ion Ratio Lower Upper

276 100

277 24.7 20.4 30.6

138 17.7 13.6 20.4



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

