

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
 Data File : BE098844.D
 Acq On : 8 Mar 2019 22:17
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 09 00:46:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	920	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	4031	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2688	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	7165	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	8689	0.40	ng	-0.01
34) Perylene-d12	23.90	264	8571	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	1033	0.38	ng	0.01
5) Phenol-d6	6.99	99	1494	0.38	ng	0.00
8) Nitrobenzene-d5	8.96	82	1514	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	2949	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	529	0.39	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	4257	0.38	ng	-0.01
25) Fluoranthene-d10	19.24	212	40035	0.35	ng	0.00
29) Terphenyl-d14	19.84	244	8019	0.38	ng	0.00

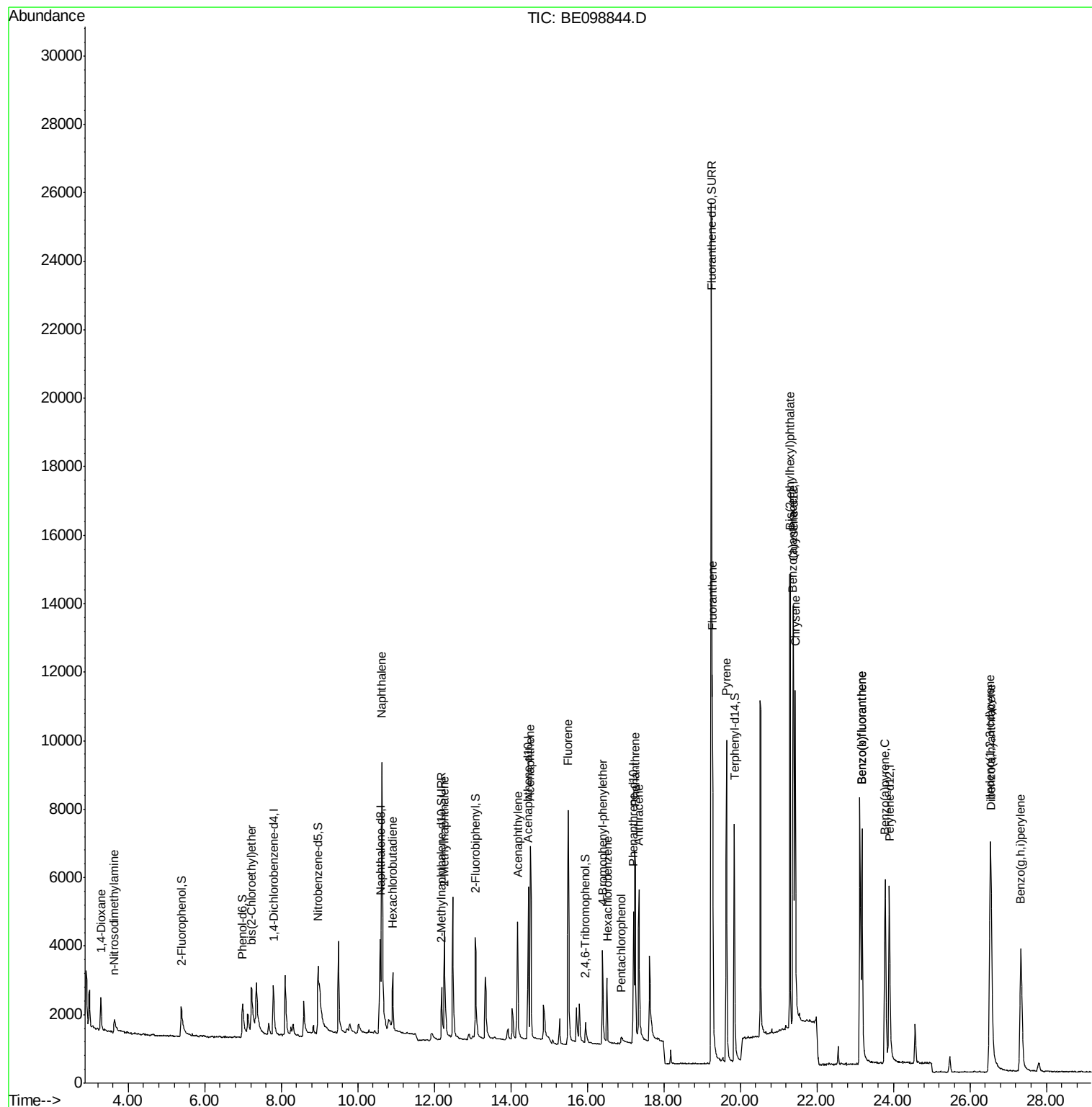
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	689	0.382	ng	97
3) n-Nitrosodimethylamine	3.63	42	524	0.226	ng	# 90
6) bis(2-Chloroethyl)ether	7.23	93	941	0.314	ng	# 82
9) Naphthalene	10.63	128	18338	0.397	ng	100
10) Hexachlorobutadiene	10.91	225	1194	0.391	ng	99
12) 2-Methylnaphthalene	12.27	142	2907	0.388	ng	97
16) Acenaphthylene	14.18	152	5284	0.382	ng	97
17) Acenaphthene	14.51	154	3190	0.389	ng	99
18) Fluorene	15.50	166	4530	0.383	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	1408	0.363	ng	91
21) Hexachlorobenzene	16.52	284	1699	0.368	ng	97
22) Pentachlorophenol	16.89	266	243	0.419	ng	89
23) Phenanthrene	17.24	178	7657	0.376	ng	99
24) Anthracene	17.35	178	6122	0.352	ng	100
26) Fluoranthene	19.28	202	10201	0.355	ng	99
28) Pyrene	19.64	202	10573	0.398	ng	99
30) Benzo(a)anthracene	21.38	228	9636	0.355	ng	99
31) Chrysene	21.44	228	11415	0.393	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	19423	0.337	ng	99
33) Indeno(1,2,3-cd)pyrene	26.53	276	11970	0.391	ng	97
35) Benzo(b)fluoranthene	23.18	252	11192	0.397	ng	100
36) Benzo(k)fluoranthene	23.18	252	11192	0.379	ng	97
37) Benzo(a)pyrene	23.78	252	10458	0.387	ng	# 94
38) Dibenzo(a,h)anthracene	26.56	278	9704	0.380	ng	# 95
39) Benzo(g,h,i)perylene	27.34	276	10173	0.381	ng	98

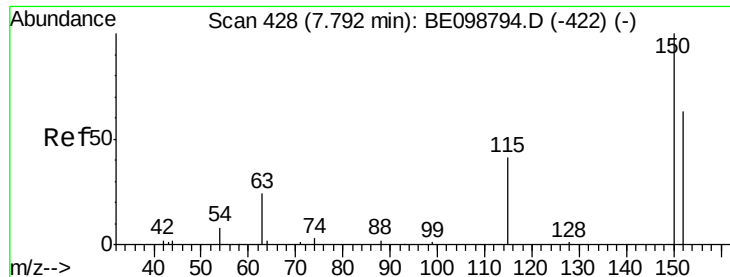
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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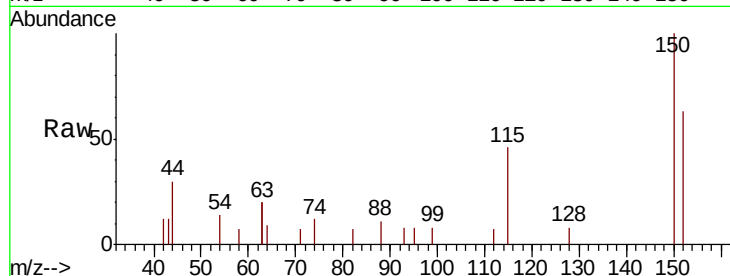


#1

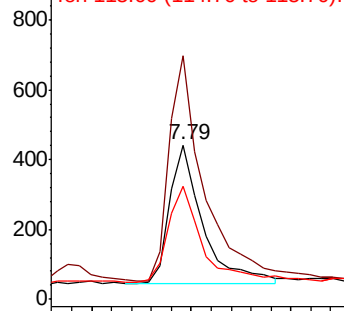
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

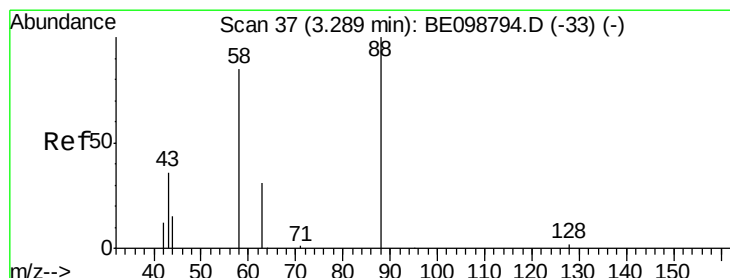
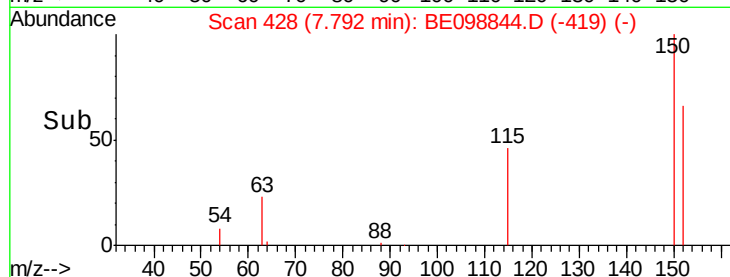
Tot Ion:152 Resp: 920
Ion Ratio Lower Upper
152 100
150 157.7 122.5 183.7
115 73.3 57.4 86.2



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



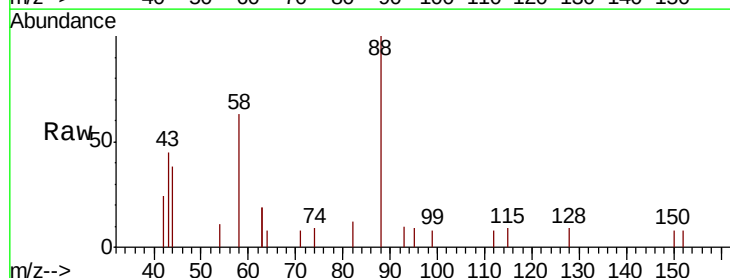
Time-->



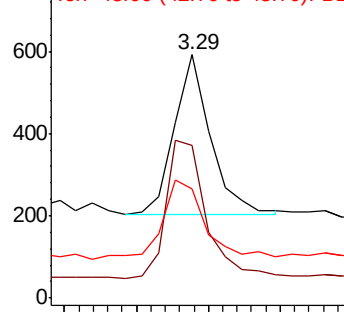
#2

1,4-Dioxane
Concen: 0.382 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

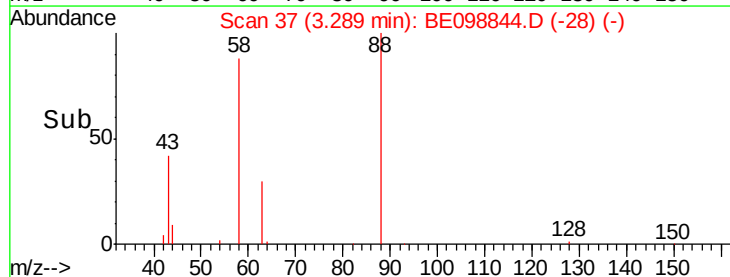
Tgt Ion: 88 Resp: 689
Ion Ratio Lower Upper
88 100
58 94.3 75.8 113.6
43 58.6 41.8 62.8

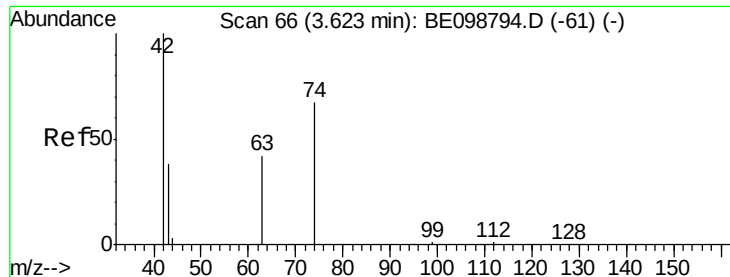


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->



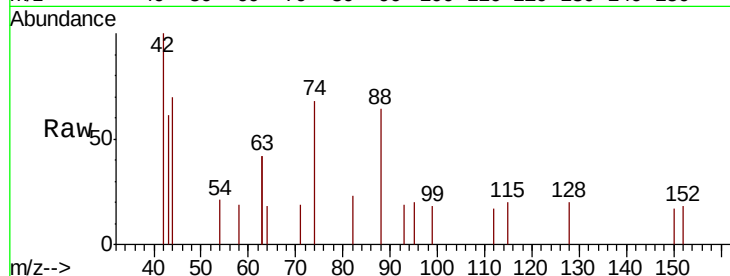


#3

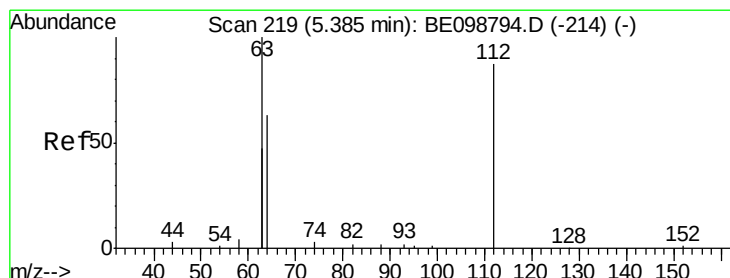
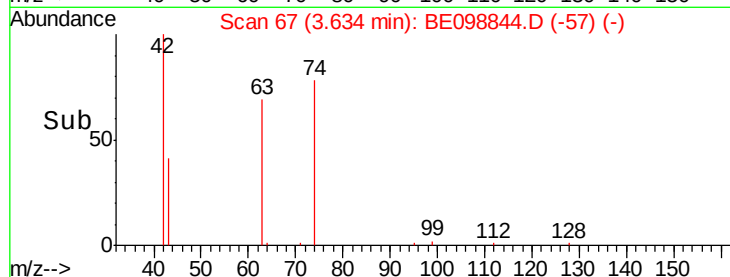
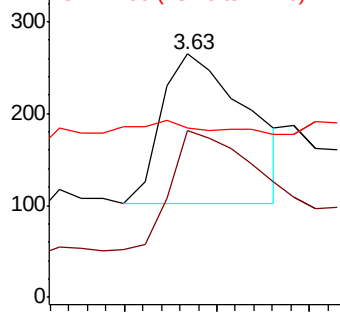
n-Nitrosodimethylamine
 Concen: 0.226 ng
 RT: 3.63 min Scan# 67
 Delta R.T. 0.01 min
 Lab File: BE098844.D
 Acq: 8 Mar 2019 22:17

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion: 42 Resp: 524
 Ion Ratio Lower Upper
 42 100
 74 79.8 57.0 85.4
 44 25.4 0.0 0.0#



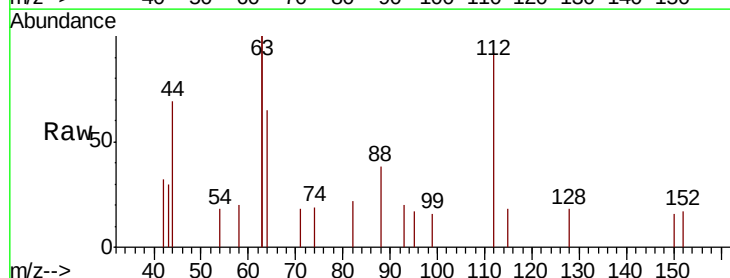
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



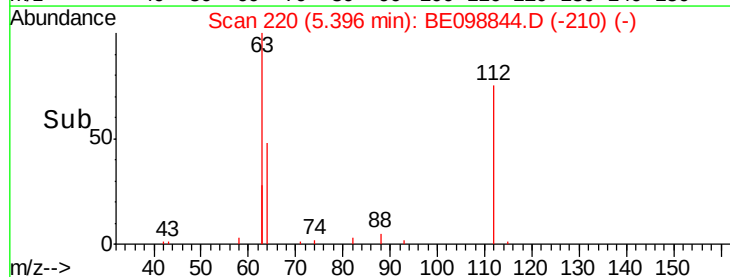
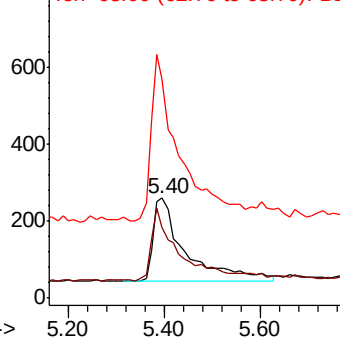
#4

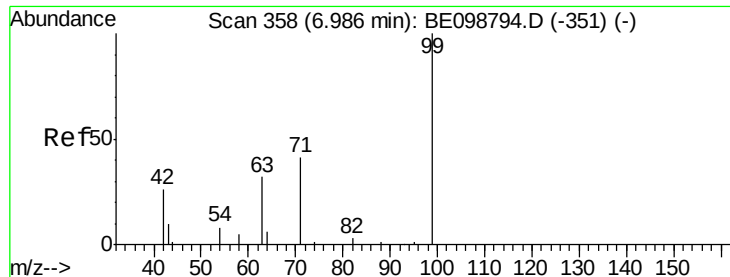
2-Fluorophenol
 Concen: 0.376 ng
 RT: 5.40 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: BE098844.D
 Acq: 8 Mar 2019 22:17

Tgt Ion: 112 Resp: 1033
 Ion Ratio Lower Upper
 112 100
 64 80.4 57.9 86.9
 63 176.1 158.3 237.5



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: 0.385 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE098844.D

Acq: 8 Mar 2019 22:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

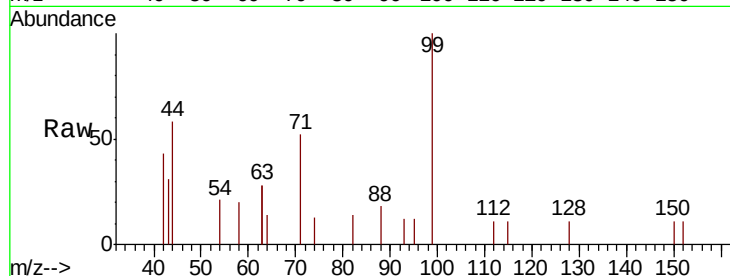
Tot Ion: 99 Resp: 1494

Ion Ratio Lower Upper

99 100

42 31.7 24.2 36.2

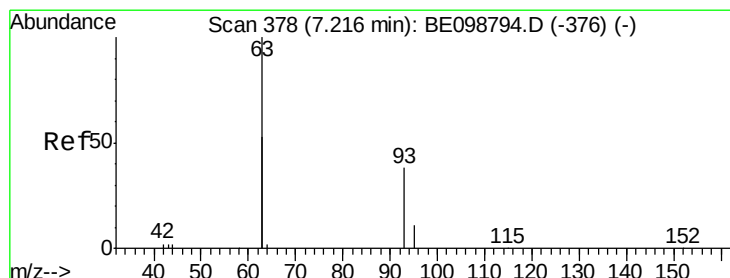
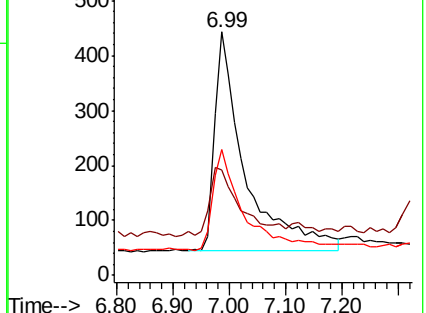
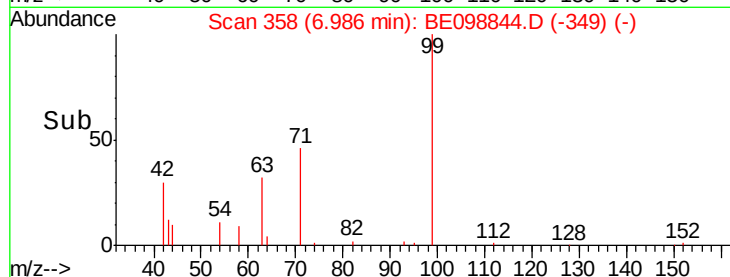
71 47.7 35.7 53.5



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: 0.314 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE098844.D

Acq: 8 Mar 2019 22:17

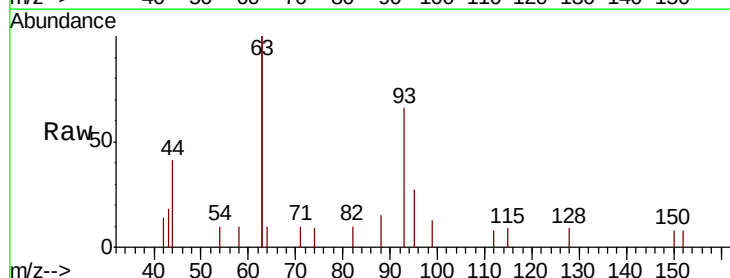
Tgt Ion: 93 Resp: 941

Ion Ratio Lower Upper

93 100

63 345.3 247.5 371.3

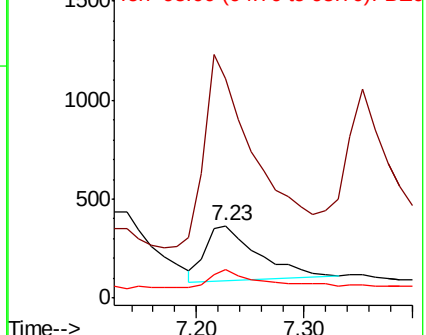
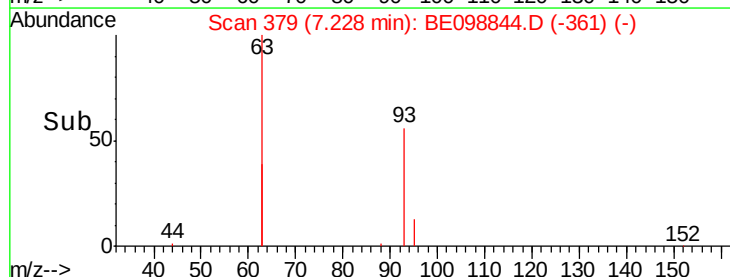
95 36.2 21.8 32.8#

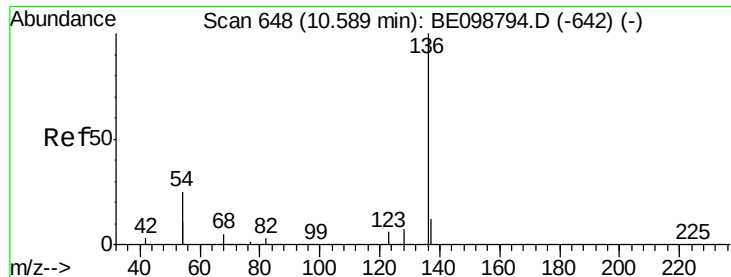


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098844.D

Acq: 8 Mar 2019 22:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 4031

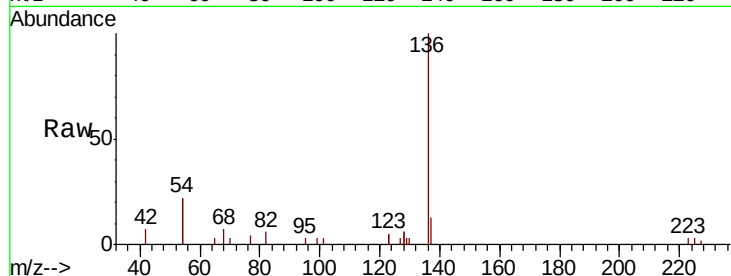
Ion Ratio Lower Upper

136 100

137 13.1 11.4 17.0

54 43.7 39.3 58.9

68 7.1 6.7 10.1

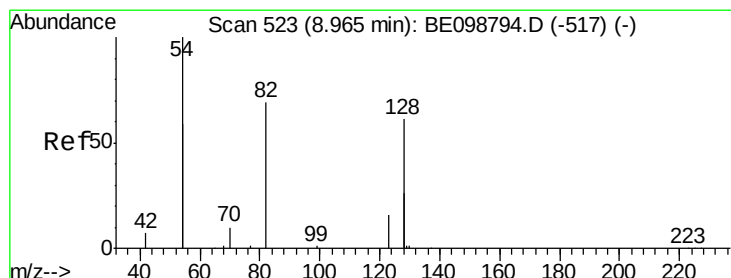
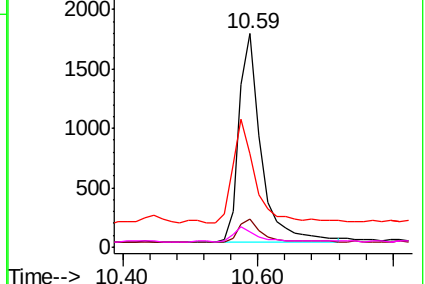
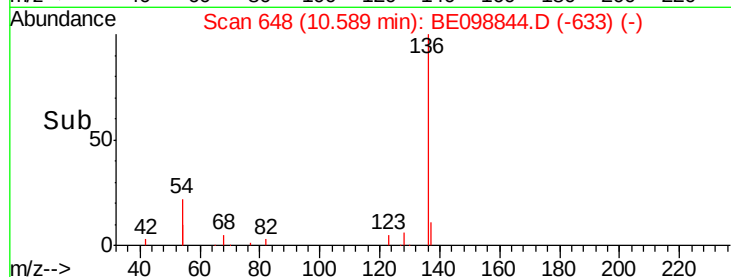


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.358 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE098844.D

Acq: 8 Mar 2019 22:17

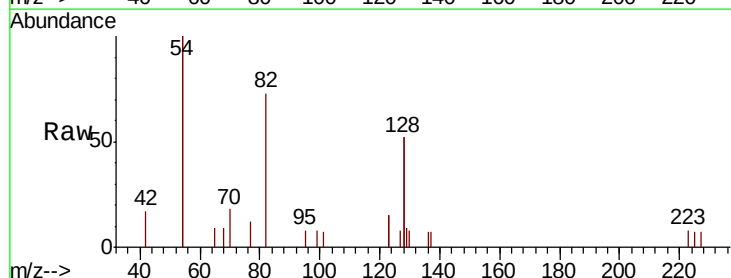
Tgt Ion: 82 Resp: 1514

Ion Ratio Lower Upper

82 100

128 144.1 123.8 185.8

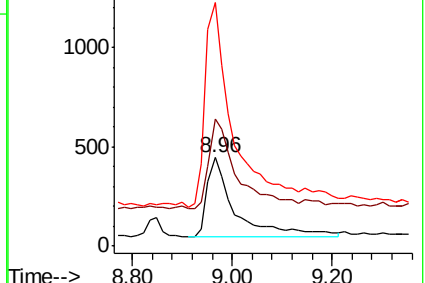
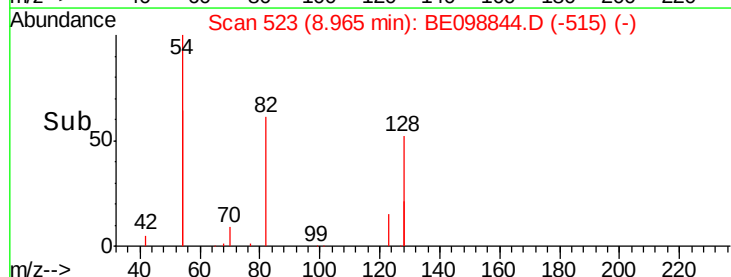
54 274.7 203.4 305.2

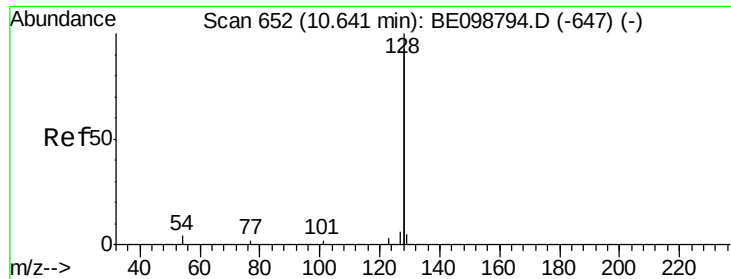


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.397 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE098844.D

Acq: 8 Mar 2019 22:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

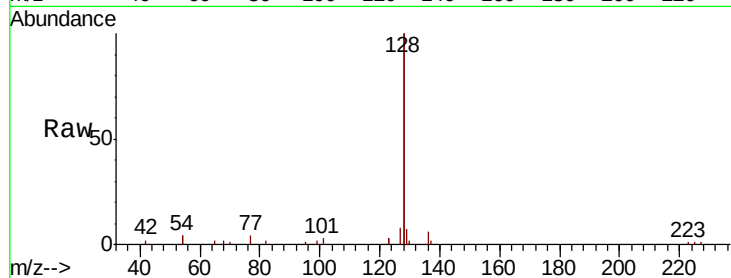
Tot Ion:128 Resp: 18338

Ion Ratio Lower Upper

128 100

129 3.4 2.6 4.0

127 3.8 3.1 4.7

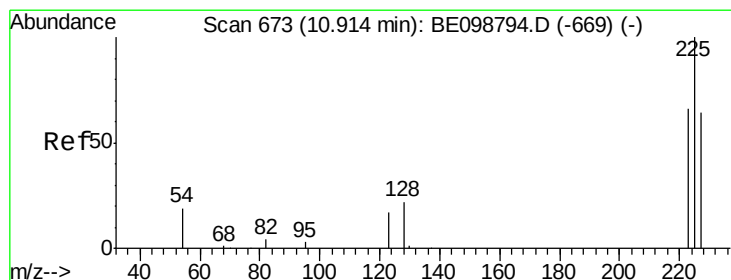
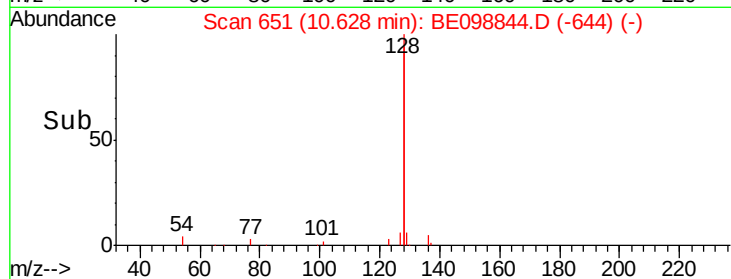
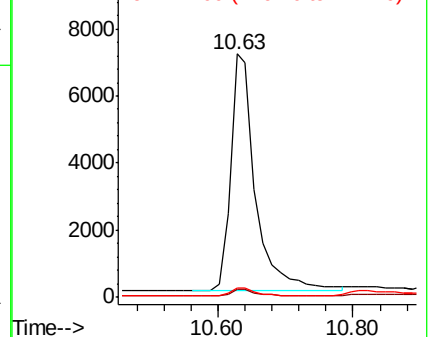


Abundance

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: 0.391 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE098844.D

Acq: 8 Mar 2019 22:17

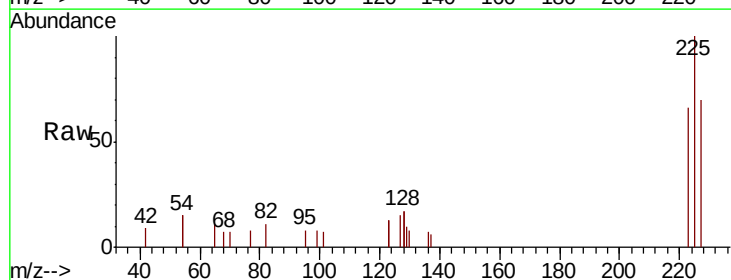
Tgt Ion:225 Resp: 1194

Ion Ratio Lower Upper

225 100

223 63.7 51.1 76.7

227 63.5 51.6 77.4

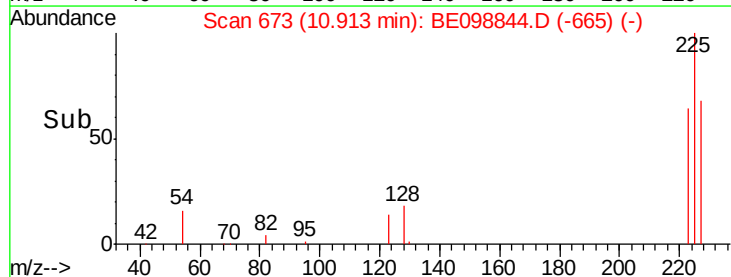
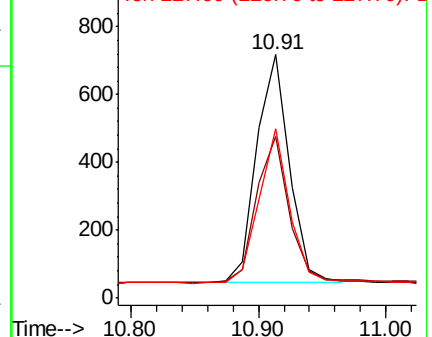


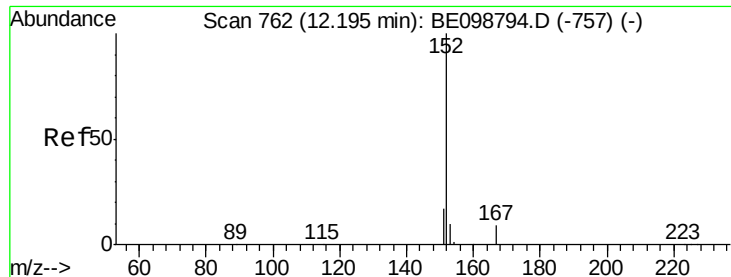
Abundance

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

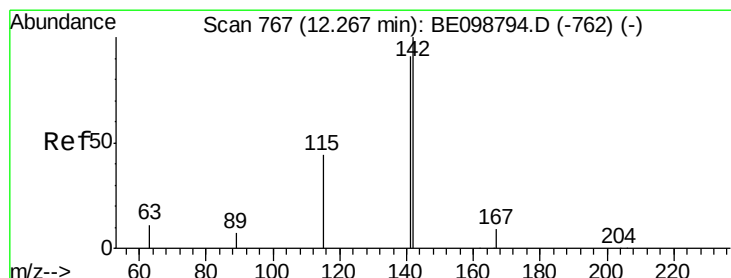
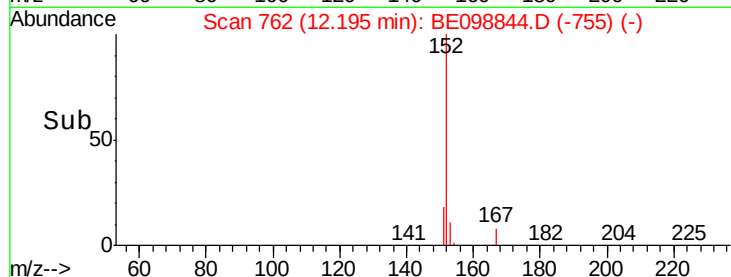
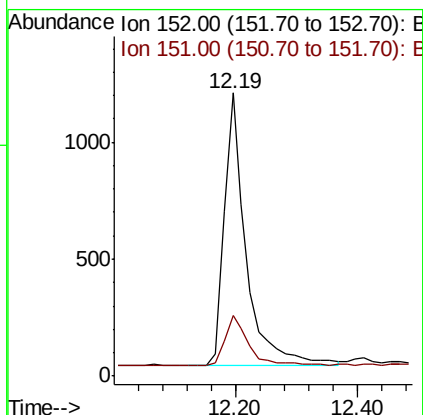
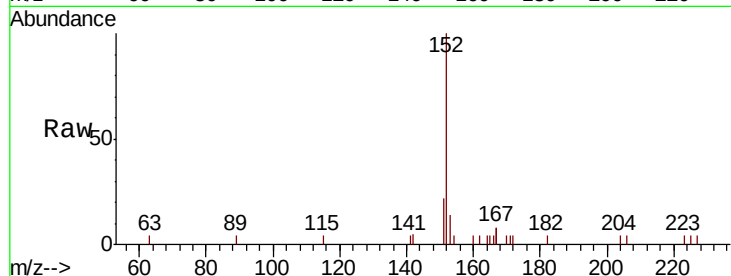




#11
2-Methylnaphthalene-d10
Concen: 0.396 ng
RT: 12.19 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

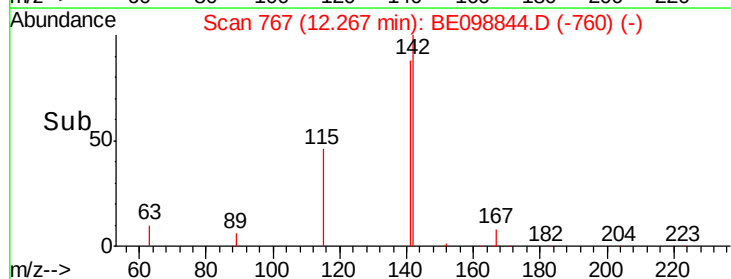
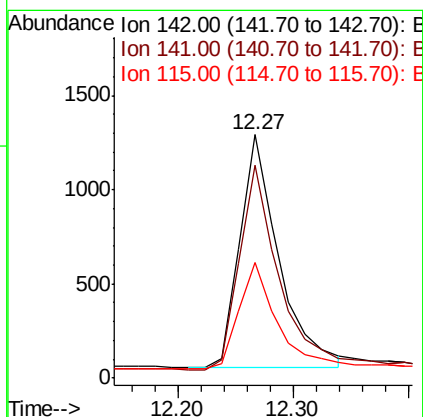
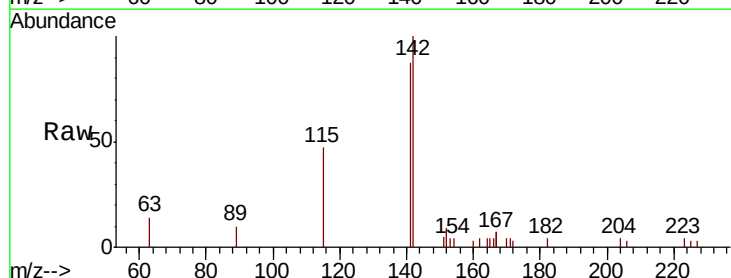
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

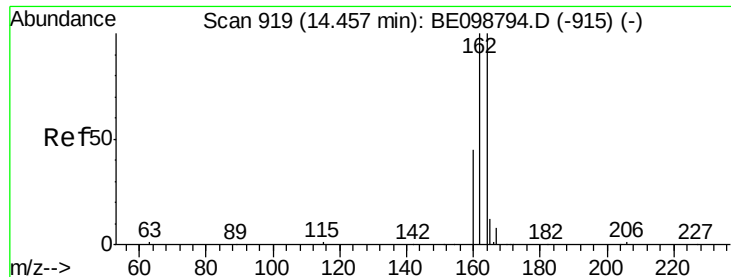
Tot Ion:152 Resp: 2949
Ion Ratio Lower Upper
152 100
151 20.0 16.5 24.7



#12
2-Methylnaphthalene
Concen: 0.388 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Tgt Ion:142 Resp: 2907
Ion Ratio Lower Upper
142 100
141 87.3 72.6 108.8
115 47.4 37.4 56.2

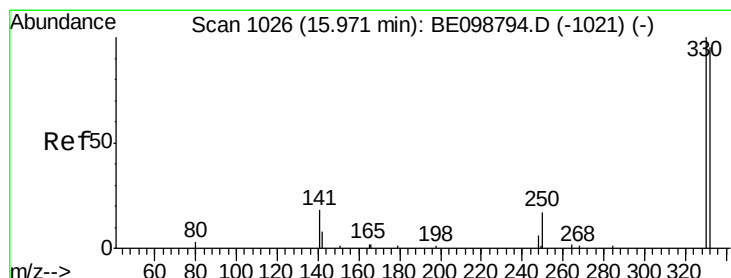
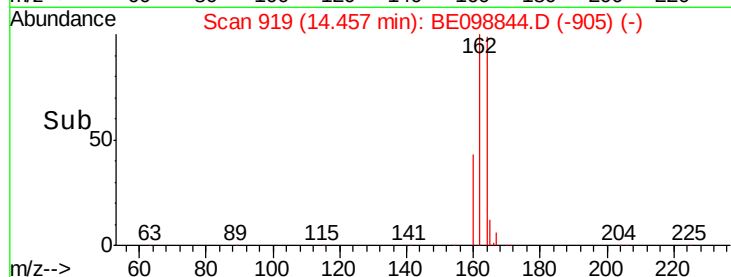
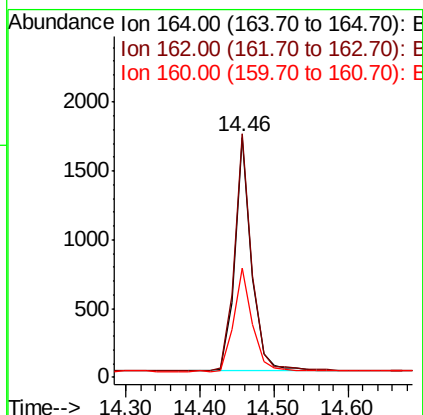
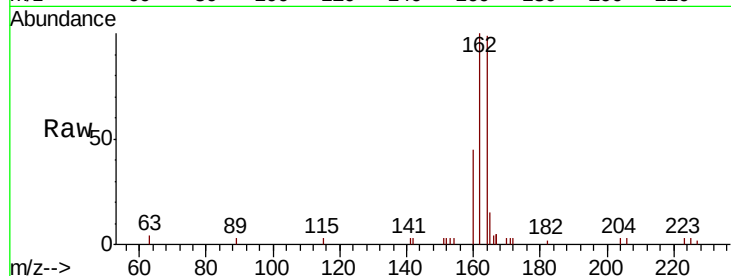




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

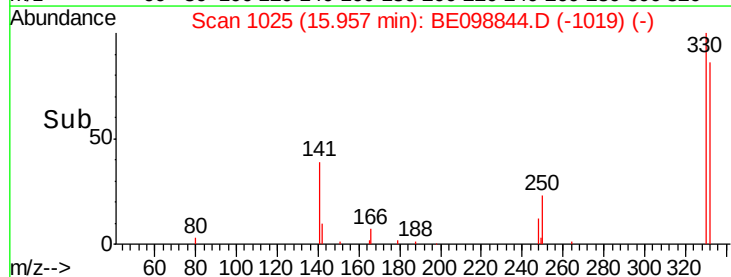
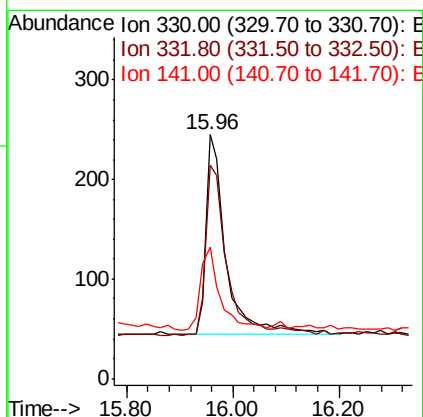
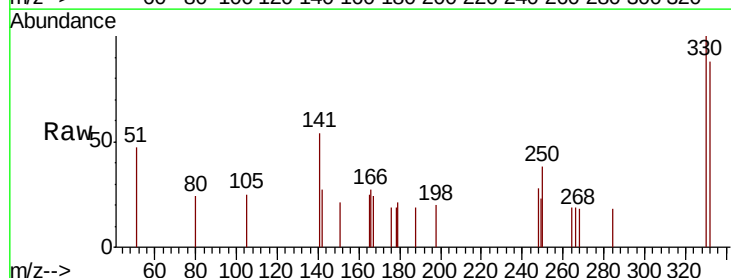
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

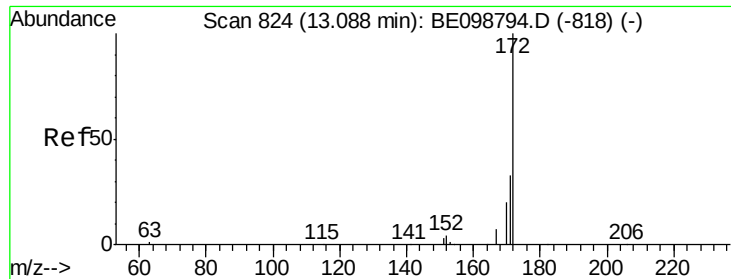
Tot Ion:164 Resp: 2688
Ion Ratio Lower Upper
164 100
162 101.3 80.2 120.2
160 45.2 37.8 56.8



#14
2,4,6-Tribromophenol
Concen: 0.390 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Tgt Ion:330 Resp: 529
Ion Ratio Lower Upper
330 100
332 92.4 77.6 116.4
141 42.2 31.0 46.4

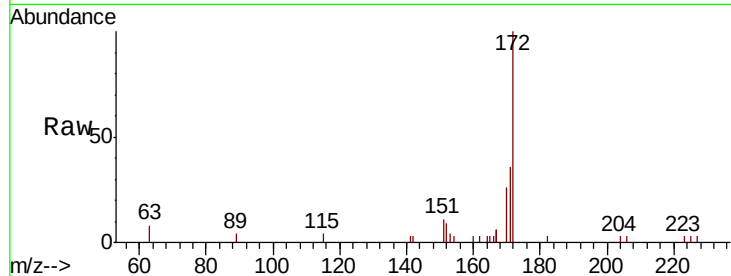




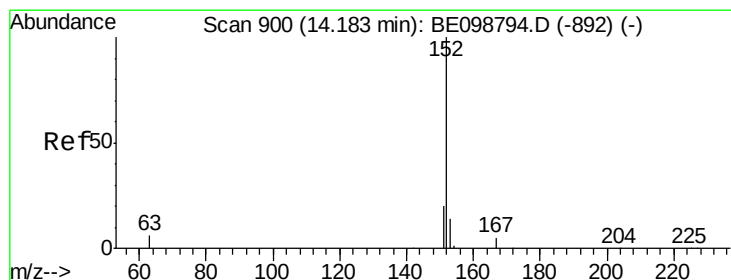
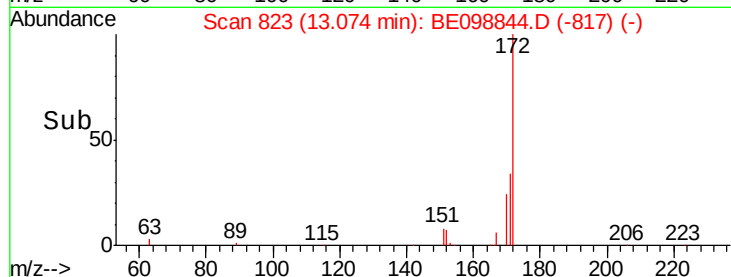
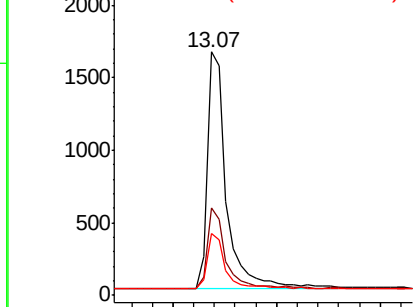
#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 4257
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 25.6 17.7 26.5

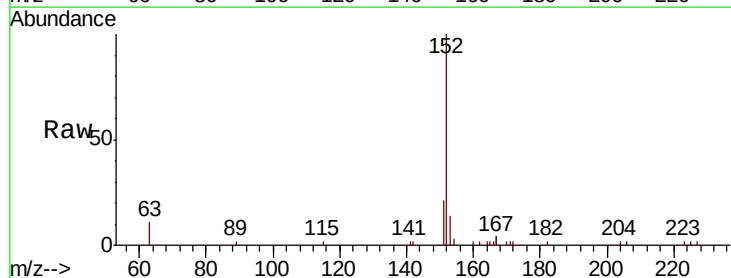


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

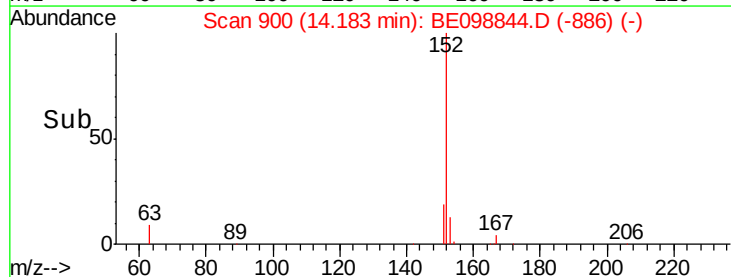
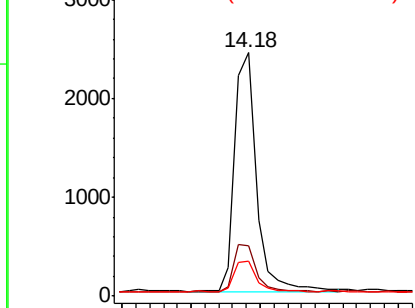


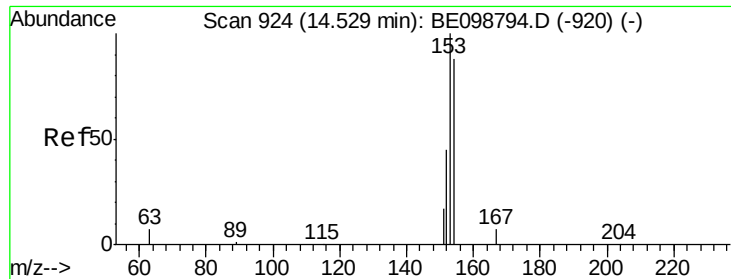
#16
Acenaphthylene
Concen: 0.382 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Tgt Ion:152 Resp: 5284
Ion Ratio Lower Upper
152 100
151 20.0 17.0 25.6
153 12.9 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.389 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098844.D

Acq: 8 Mar 2019 22:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

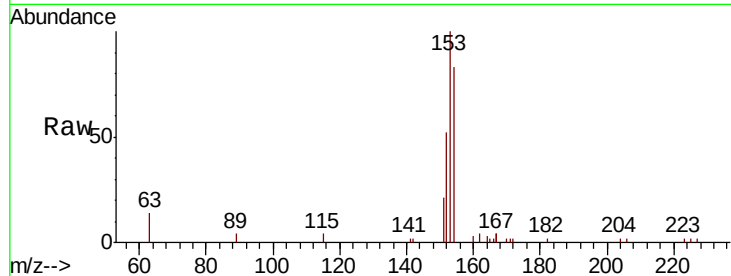
Tot Ion:154 Resp: 3190

Ion Ratio Lower Upper

154 100

153 116.5 94.2 141.4

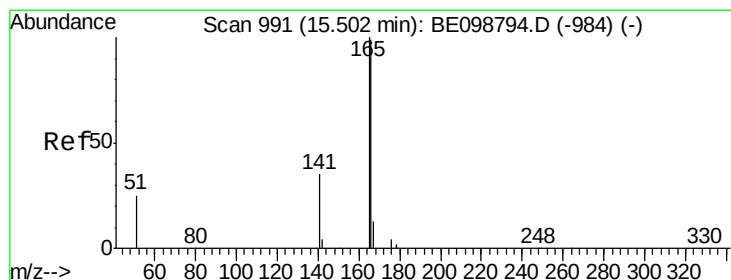
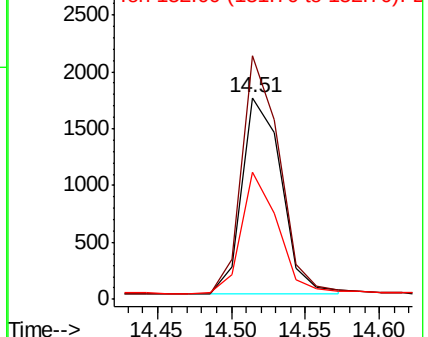
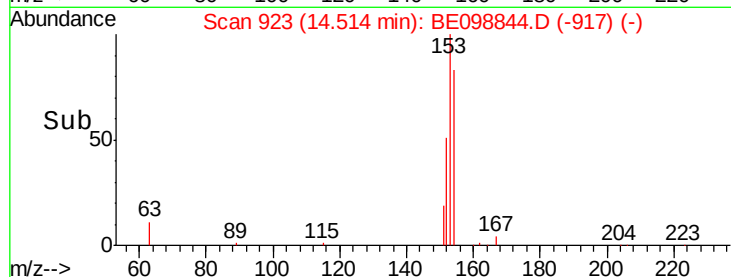
152 57.4 45.0 67.4



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: 0.383 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.00 min

Lab File: BE098844.D

Acq: 8 Mar 2019 22:17

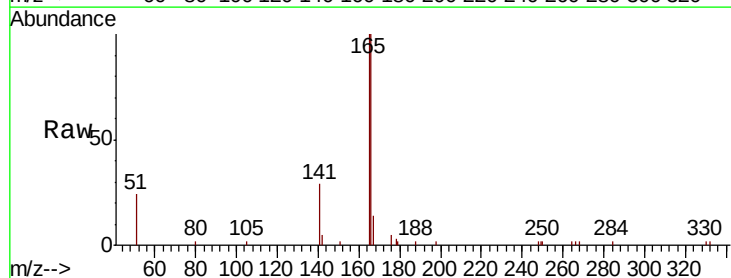
Tgt Ion:166 Resp: 4530

Ion Ratio Lower Upper

166 100

165 100.4 79.3 118.9

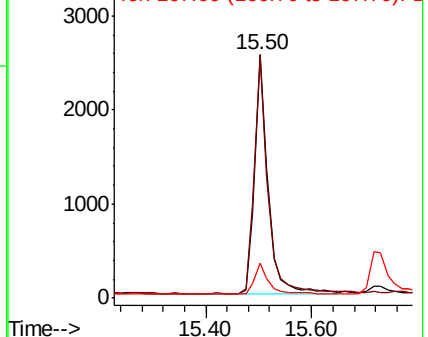
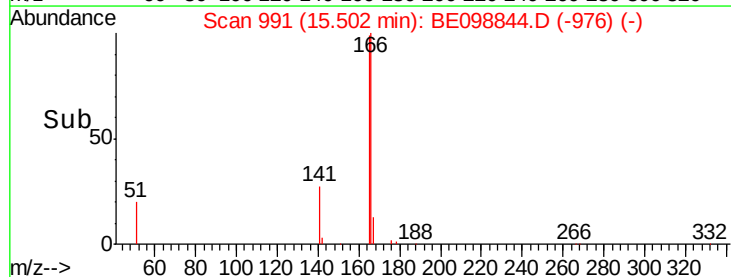
167 13.1 10.5 15.7

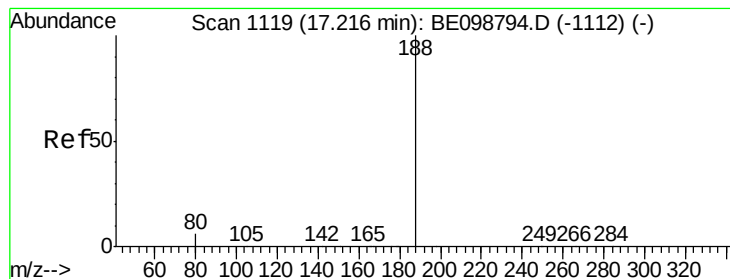


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE098844.D

Acq: 8 Mar 2019 22:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

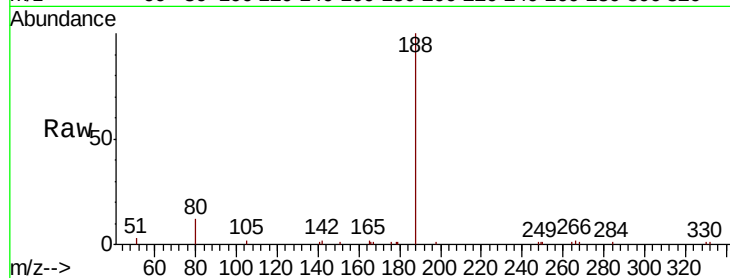
Tot Ion:188 Resp: 7165

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

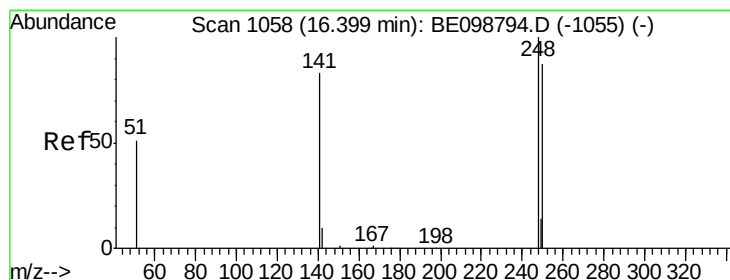
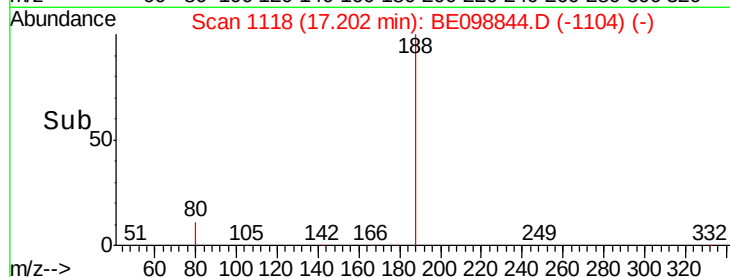
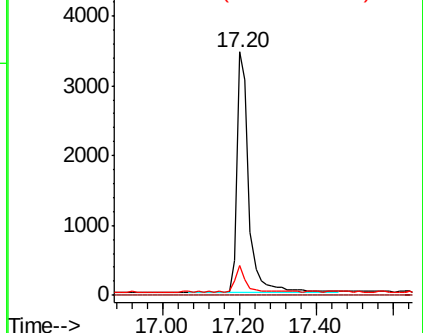
80 12.3 6.3 9.5#



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: 0.363 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE098844.D

Acq: 8 Mar 2019 22:17

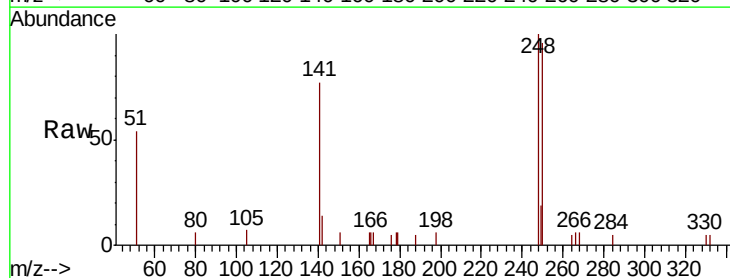
Tgt Ion:248 Resp: 1408

Ion Ratio Lower Upper

248 100

250 95.7 70.6 105.8

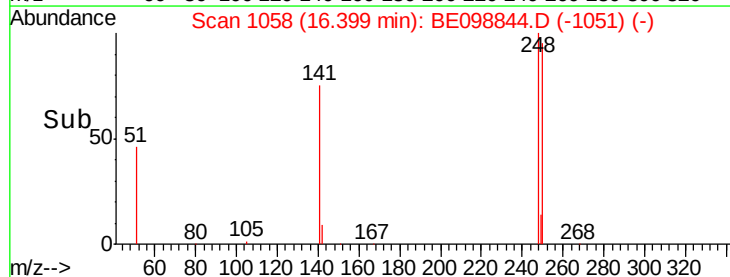
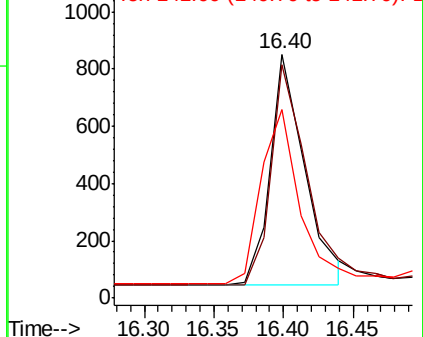
141 77.2 68.6 102.8

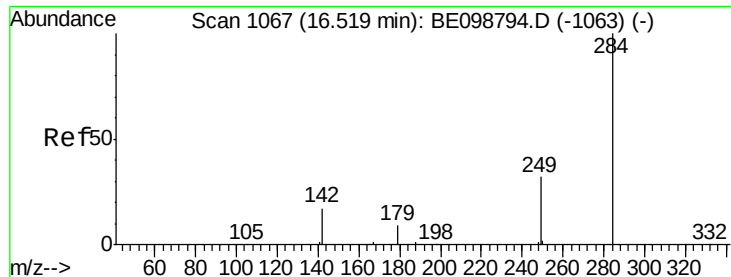


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

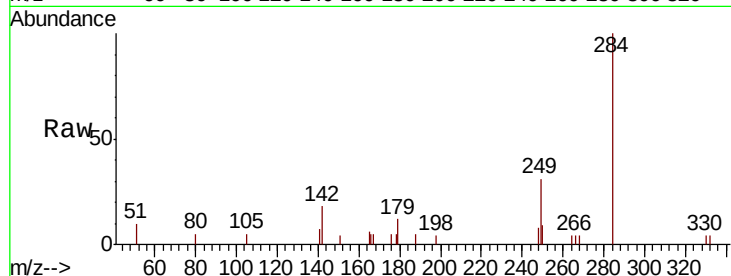




#21
Hexachlorobenzene
Concen: 0.368 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.7	28.7	43.1
249	34.0	29.6	44.4

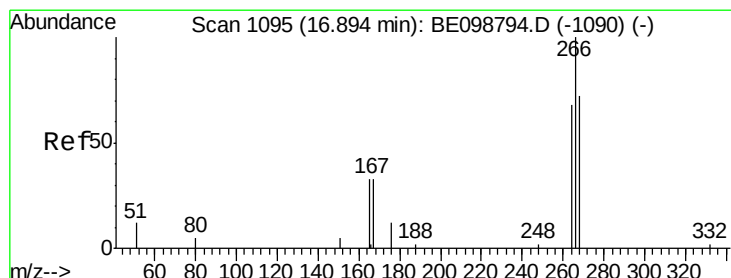
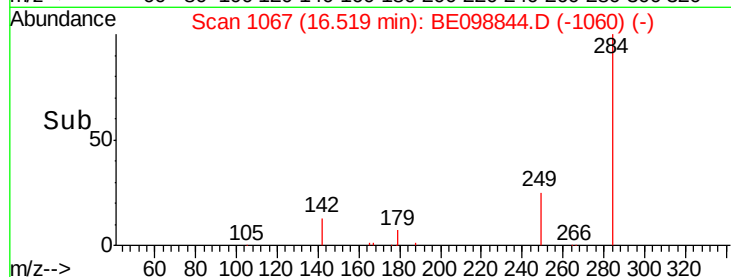
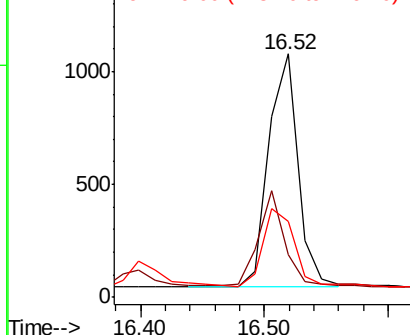


Abundance

Ion 283.80 (283.50 to 284.50): E

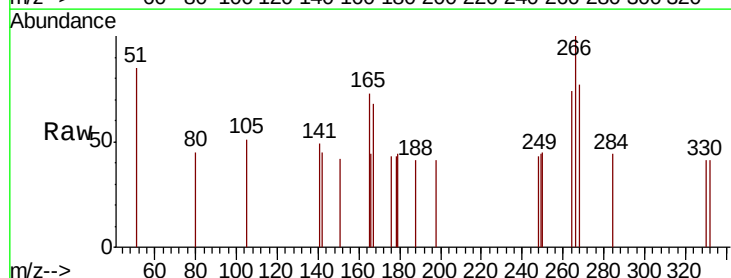
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22
Pentachlorophenol
Concen: 0.419 ng
RT: 16.89 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Tgt Ion	Ratio	Lower	Upper
266	100		
264	73.6	66.6	100.0
268	77.3	69.8	104.8

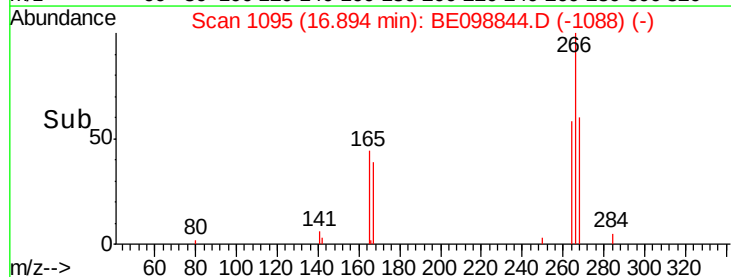
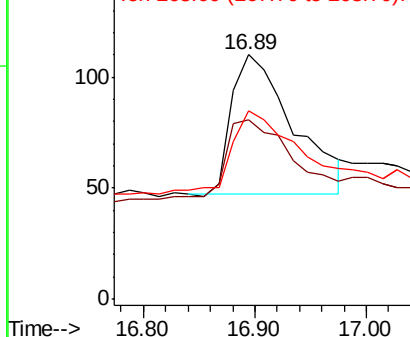


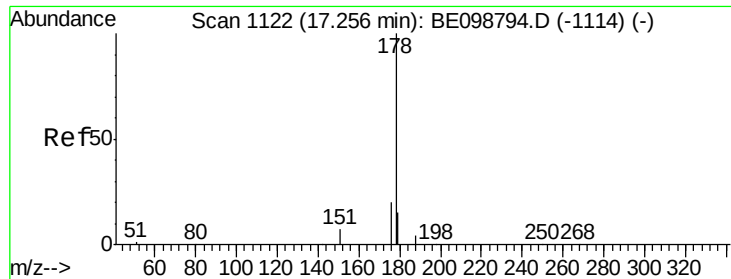
Abundance

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: 0.376 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE098844.D

Acq: 8 Mar 2019 22:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

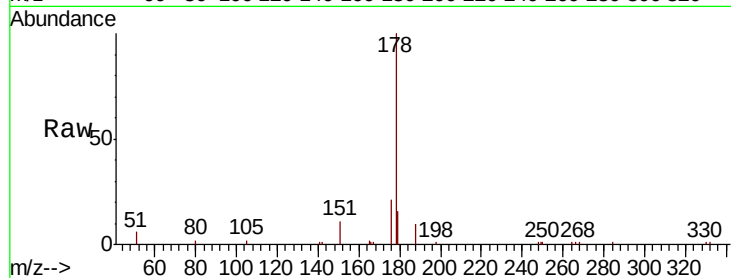
Tot Ion:178 Resp: 7657

Ion Ratio Lower Upper

178 100

176 19.8 16.0 24.0

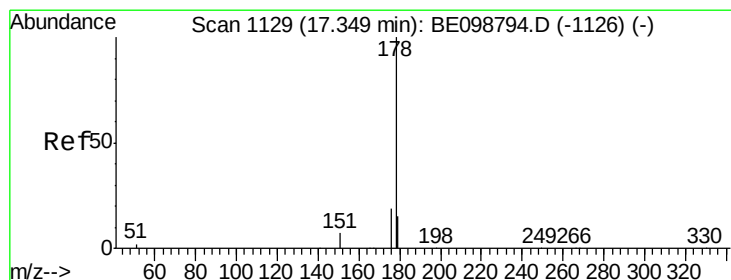
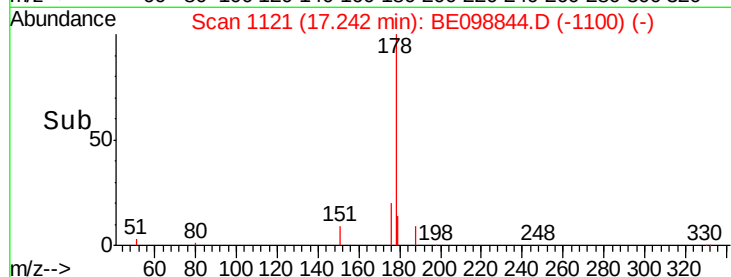
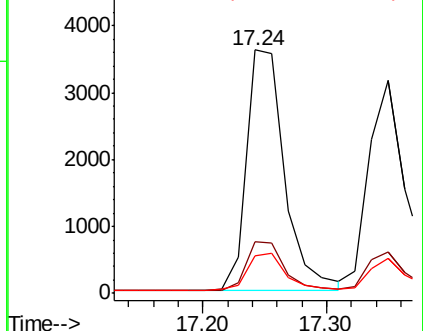
179 15.4 12.1 18.1



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: 0.352 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE098844.D

Acq: 8 Mar 2019 22:17

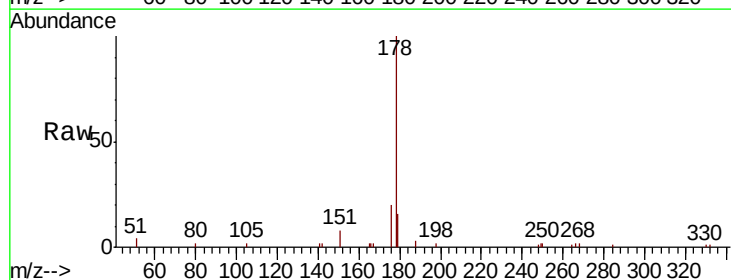
Tgt Ion:178 Resp: 6122

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

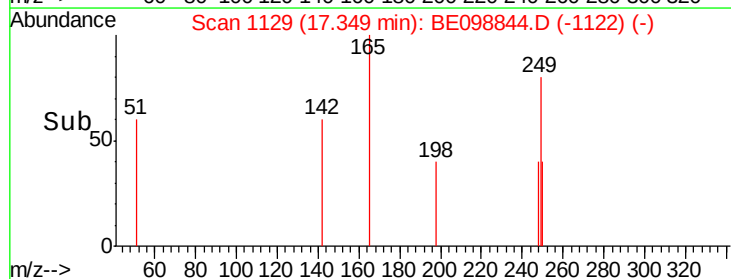
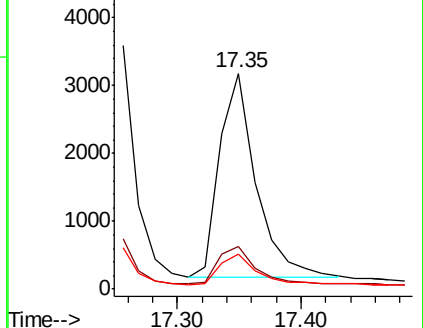
179 15.4 12.2 18.4

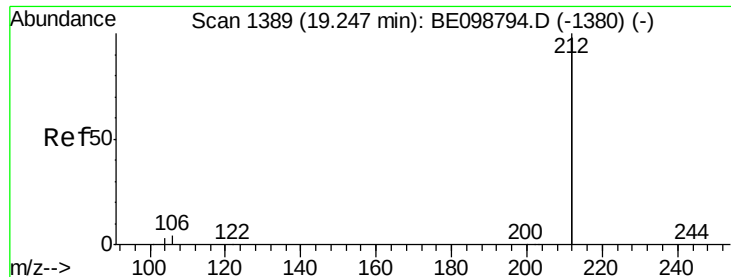


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.350 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098844.D

Acq: 8 Mar 2019 22:17

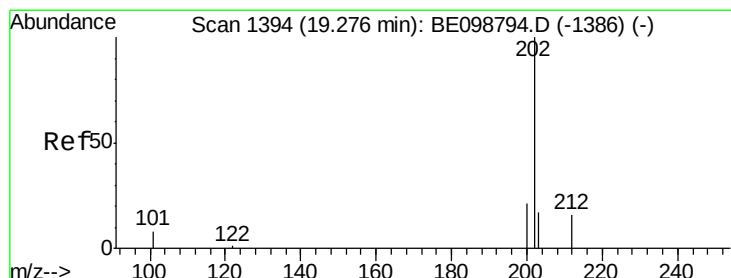
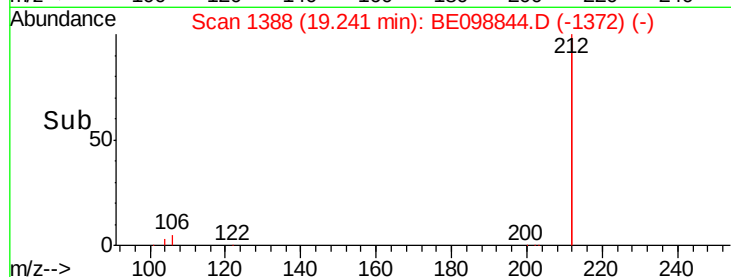
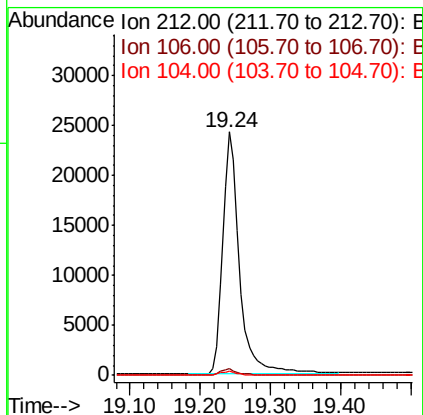
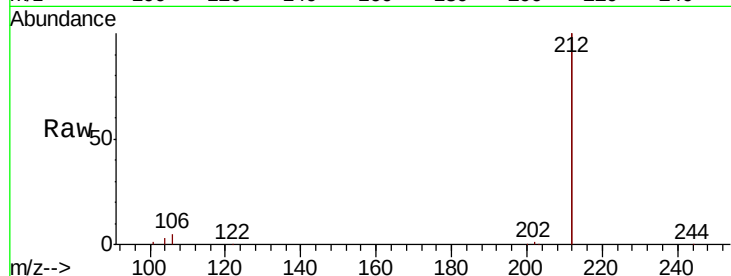
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:212	Resp:	40035
Ion	Ratio	Lower Upper
212	100	
106	2.4	1.8 2.8
104	1.3	1.0 1.6



#26

Fluoranthene

Concen: 0.355 ng

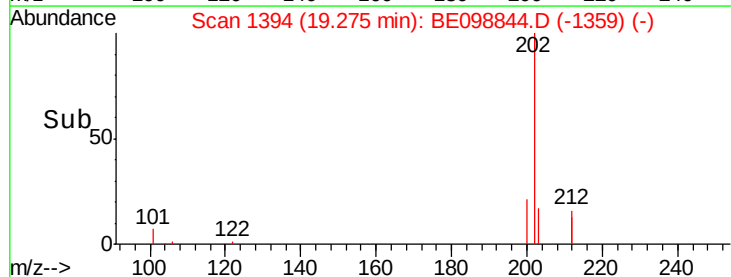
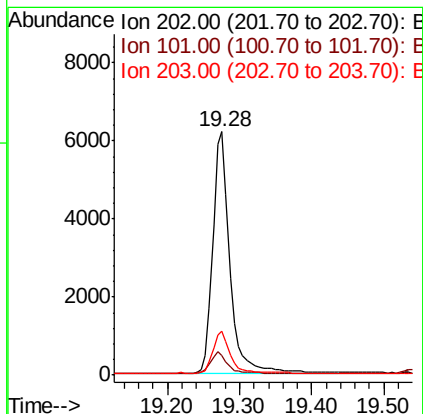
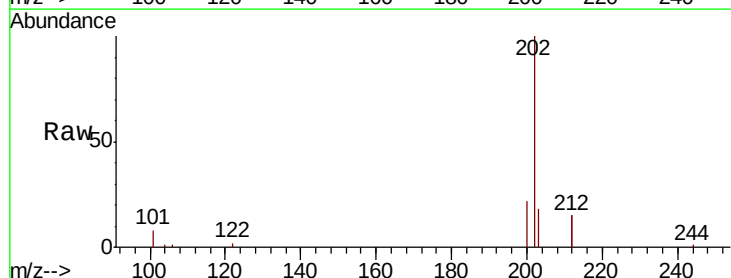
RT: 19.28 min Scan# 1394

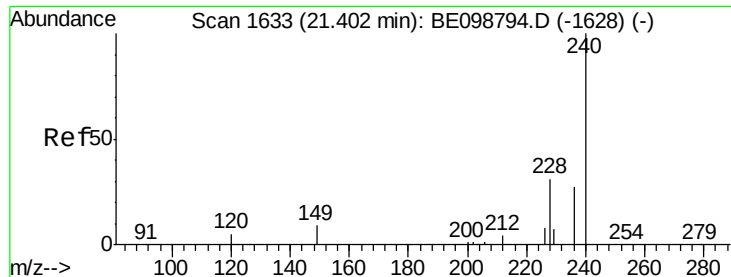
Delta R.T. -0.00 min

Lab File: BE098844.D

Acq: 8 Mar 2019 22:17

Tgt Ion:202	Resp:	10201
Ion	Ratio	Lower Upper
202	100	
101	8.5	7.3 10.9
203	17.0	13.4 20.2

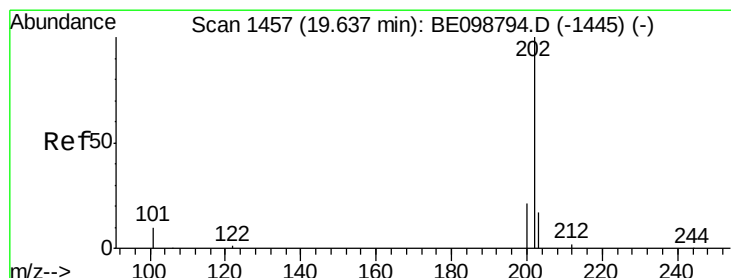
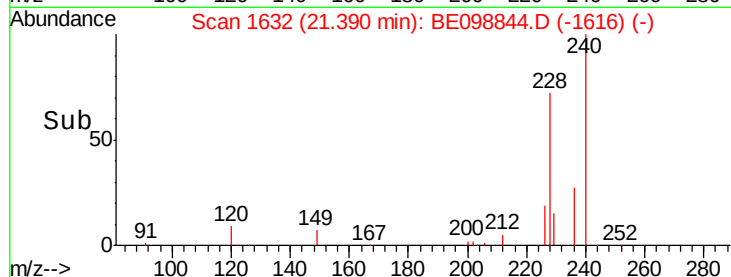
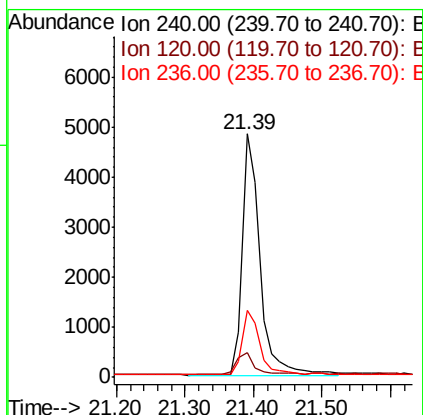
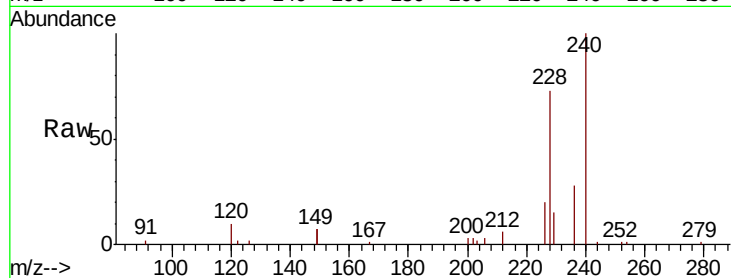




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BE098844.D
 Acq: 8 Mar 2019 22:17

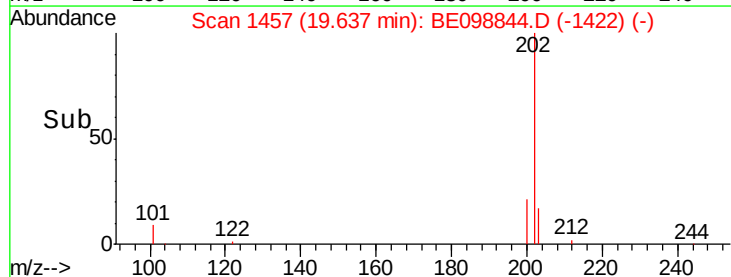
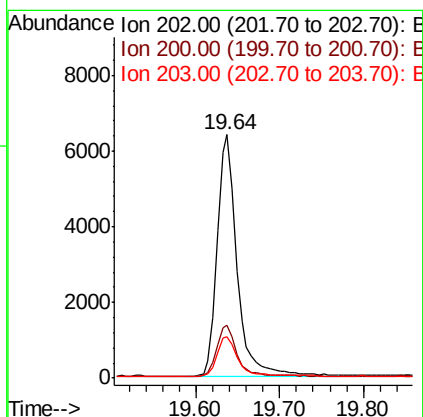
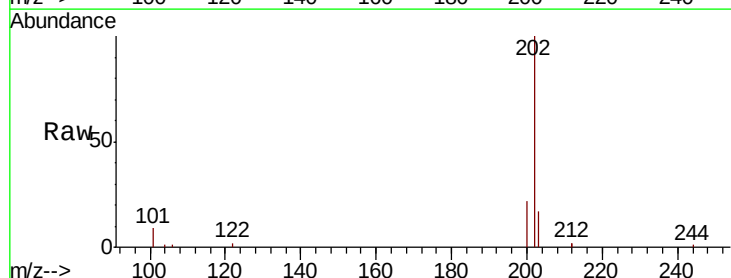
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

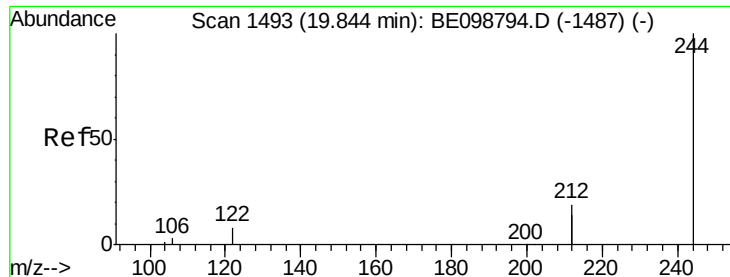
Tot Ion:240 Resp: 8689
 Ion Ratio Lower Upper
 240 100
 120 9.9 5.0 7.4#
 236 27.8 22.7 34.1



#28
 Pyrene
 Concen: 0.398 ng
 RT: 19.64 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: BE098844.D
 Acq: 8 Mar 2019 22:17

Tgt Ion:202 Resp: 10573
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.0 25.6
 203 16.8 14.2 21.2





#29

Terphenyl-d14

Concen: 0.380 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BE098844.D

Acq: 8 Mar 2019 22:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

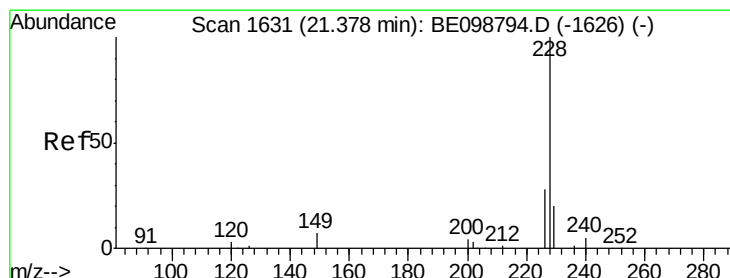
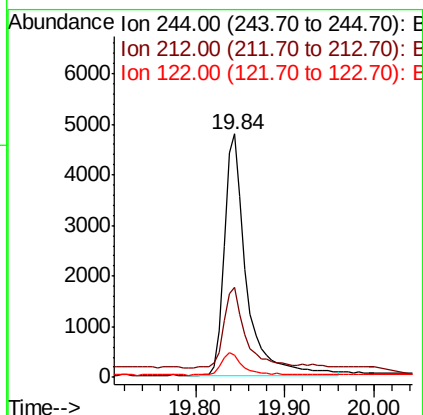
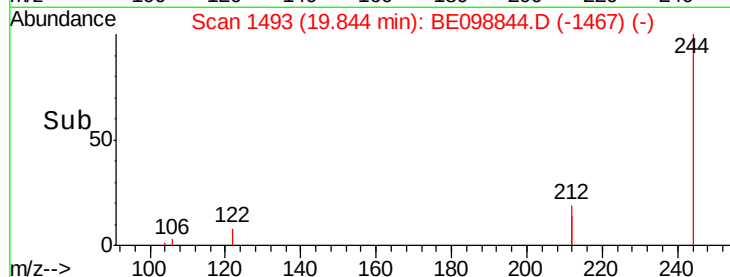
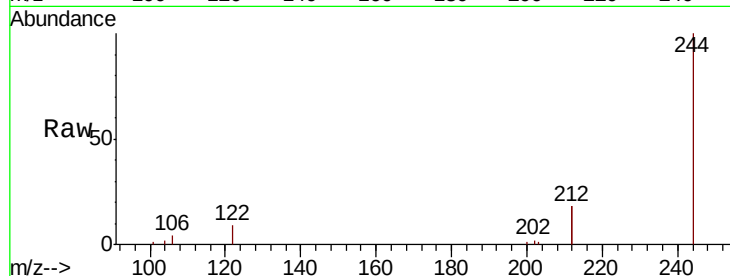
Tot Ion:244 Resp: 8019

Ion Ratio Lower Upper

244 100

212 36.7 29.4 44.2

122 9.0 7.1 10.7



#30

Benzo(a)anthracene

Concen: 0.355 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BE098844.D

Acq: 8 Mar 2019 22:17

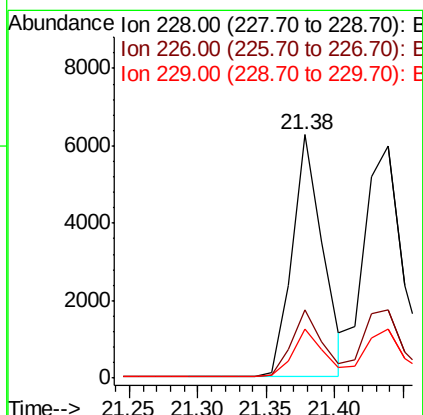
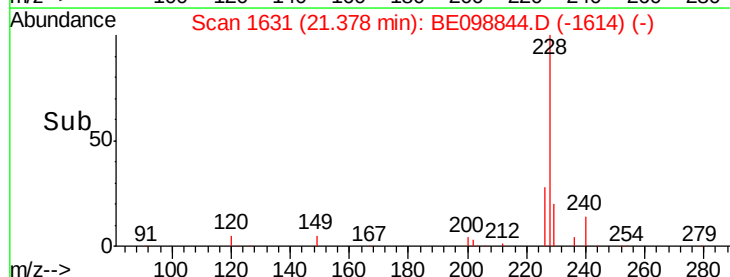
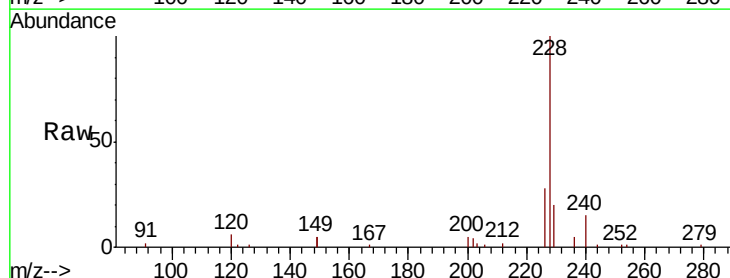
Tgt Ion:228 Resp: 9636

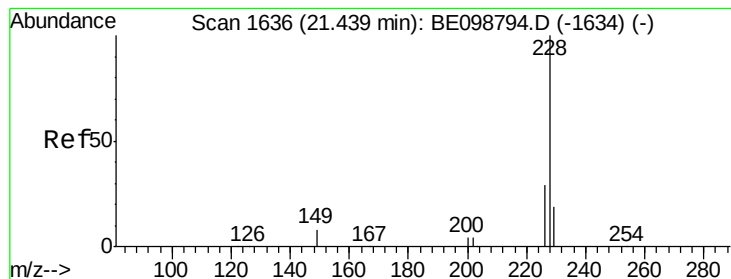
Ion Ratio Lower Upper

228 100

226 28.3 23.0 34.4

229 20.3 16.5 24.7





#31

Chrysene

Concen: 0.393 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BE098844.D

Acq: 8 Mar 2019 22:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

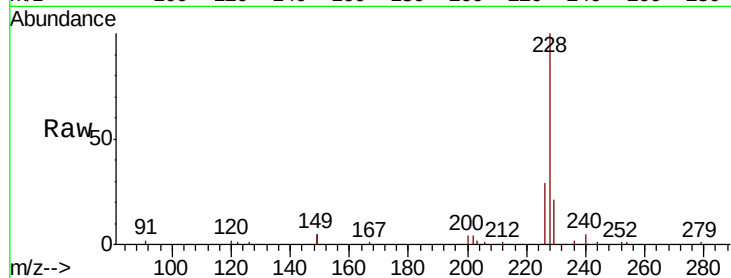
Tot Ion:228 Resp: 11415

Ion Ratio Lower Upper

228 100

226 29.3 23.7 35.5

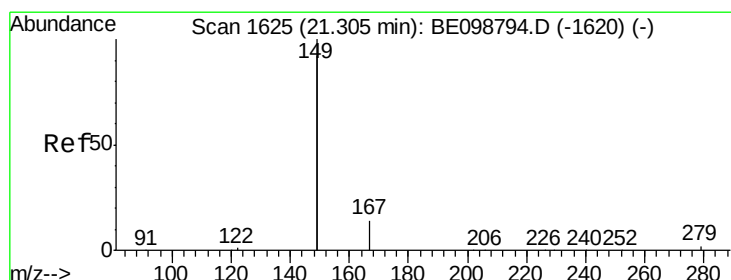
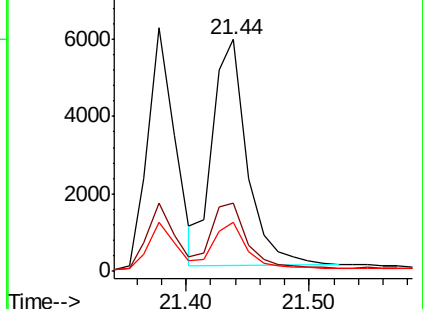
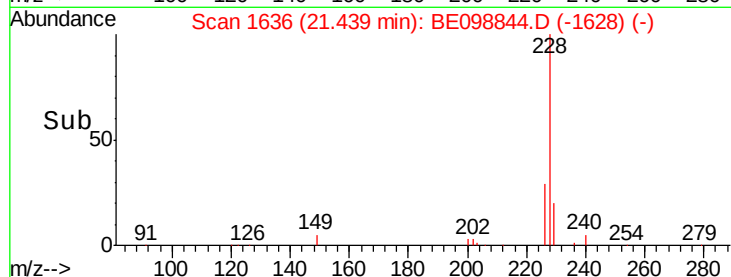
229 20.9 16.1 24.1



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: 0.337 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098844.D

Acq: 8 Mar 2019 22:17

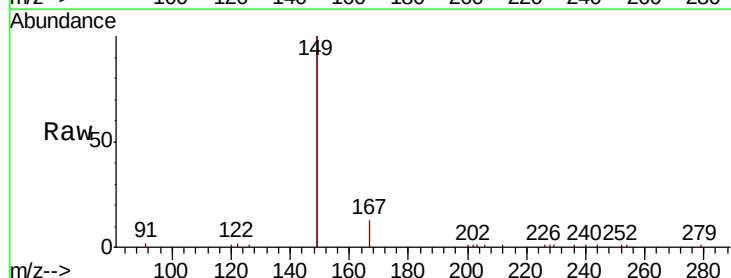
Tgt Ion:149 Resp: 19423

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

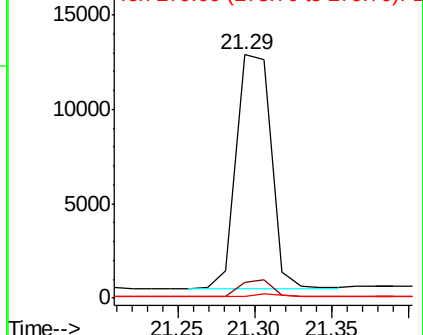
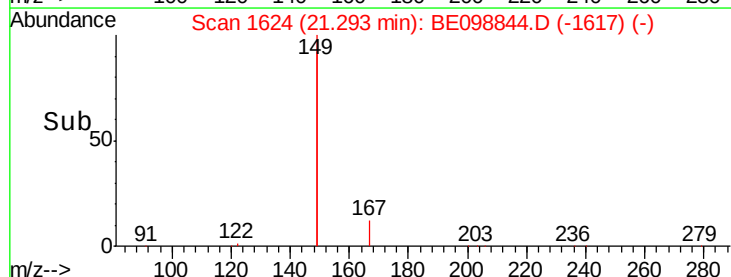
279 1.1 1.0 1.4

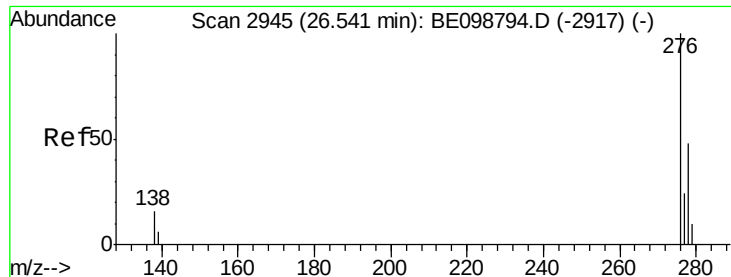


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

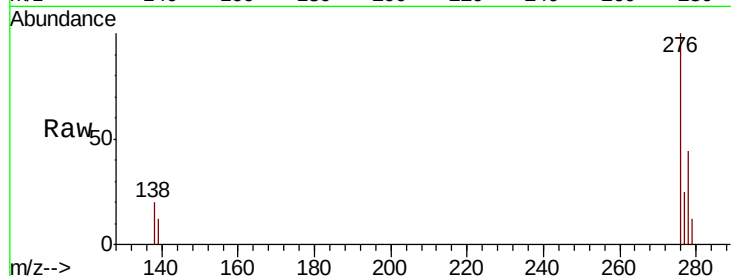




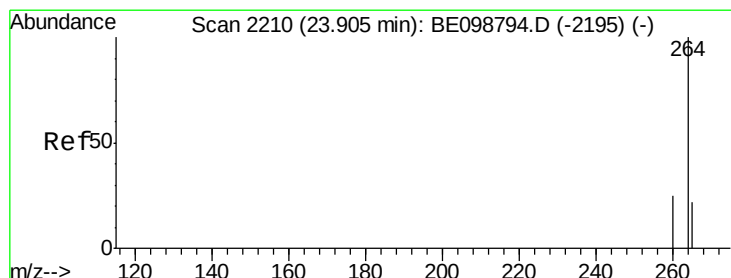
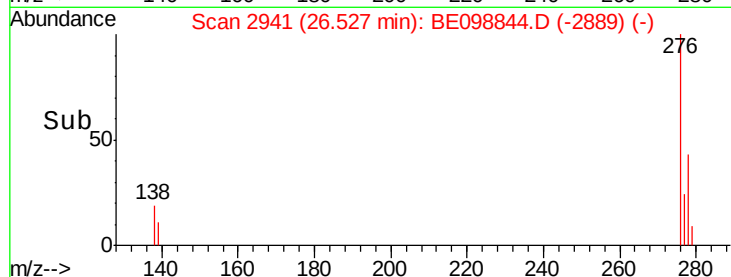
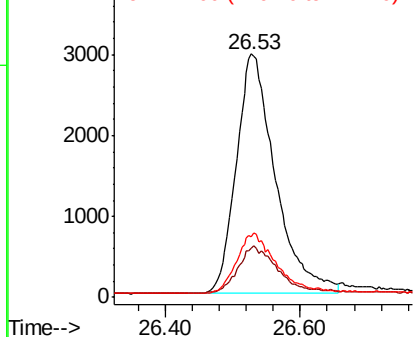
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.391 ng
 RT: 26.53 min Scan# 2941
 Delta R.T. -0.01 min
 Lab File: BE098844.D
 Acq: 8 Mar 2019 22:17

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:276 Resp: 11970
 Ion Ratio Lower Upper
 276 100
 138 19.7 13.8 20.8
 277 25.3 19.5 29.3

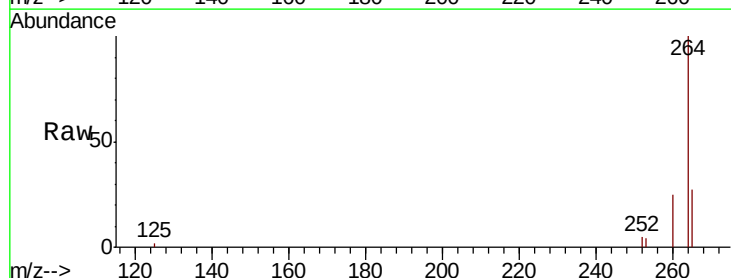


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

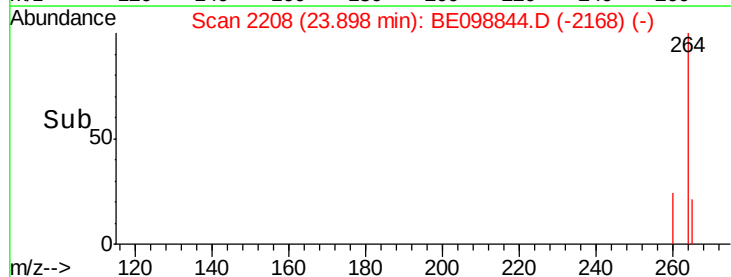
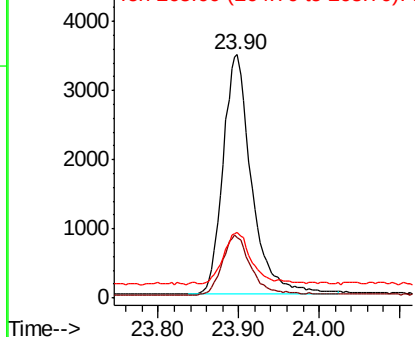


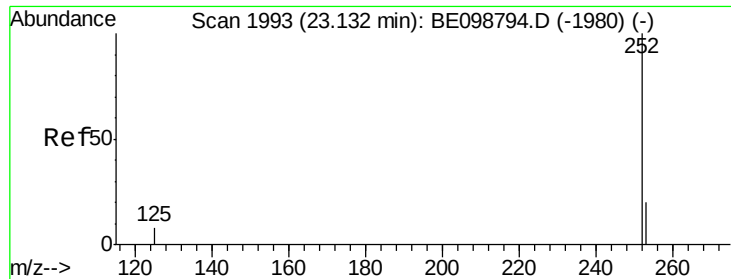
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BE098844.D
 Acq: 8 Mar 2019 22:17

Tgt Ion:264 Resp: 8571
 Ion Ratio Lower Upper
 264 100
 260 25.0 21.2 31.8
 265 26.8 24.6 36.8



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

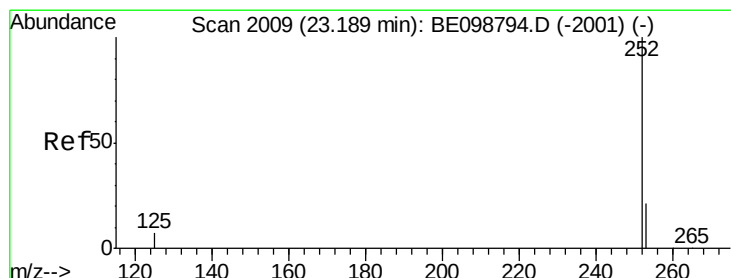
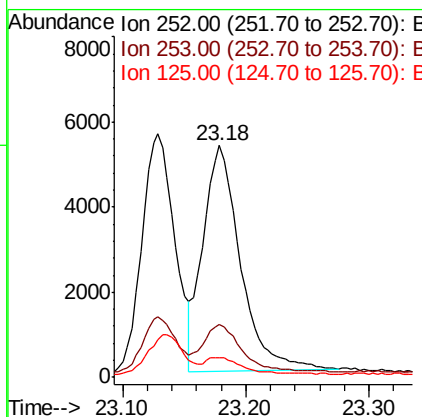
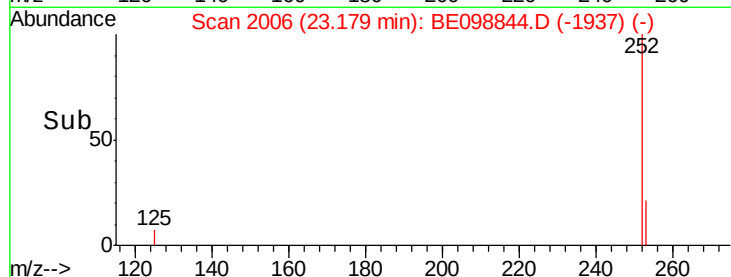
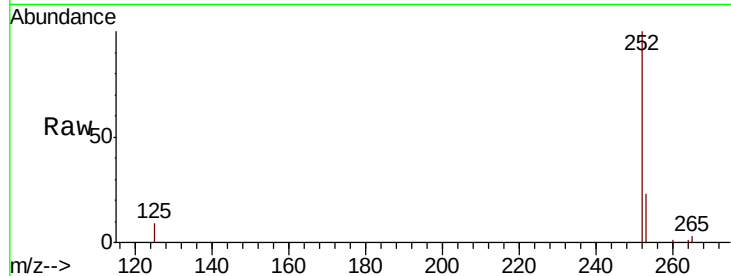




#35
Benzo(b)fluoranthene
Concen: 0.397 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.05 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

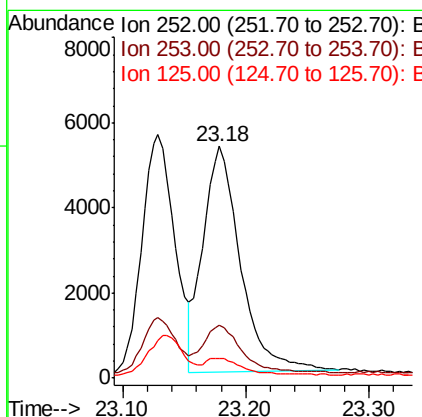
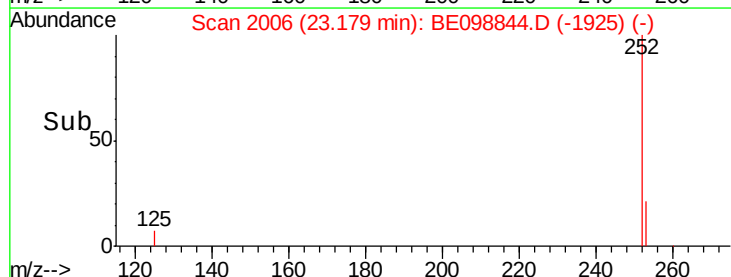
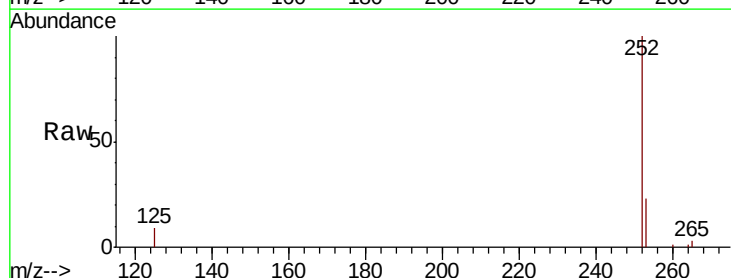
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

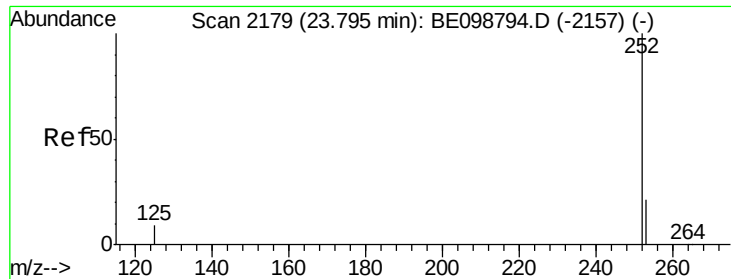
Tot Ion:252 Resp: 11192
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 8.5 7.3 10.9



#36
Benzo(k)fluoranthene
Concen: 0.379 ng
RT: 23.18 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BE098844.D
Acq: 8 Mar 2019 22:17

Tgt Ion:252 Resp: 11192
Ion Ratio Lower Upper
252 100
253 22.7 19.3 28.9
125 8.5 7.5 11.3





#37

Benzo(a)pyrene

Concen: 0.387 ng

RT: 23.78 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BE098844.D

Acq: 8 Mar 2019 22:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

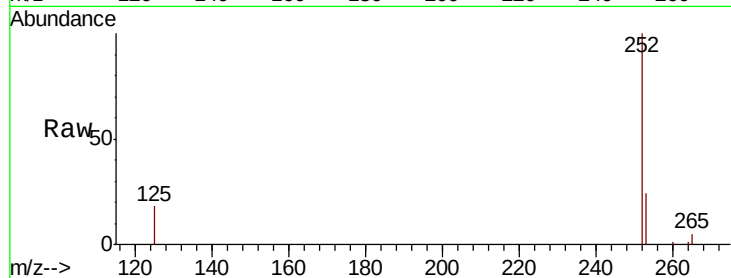
Tot Ion:252 Resp: 10458

Ion Ratio Lower Upper

252 100

253 24.4 19.9 29.9

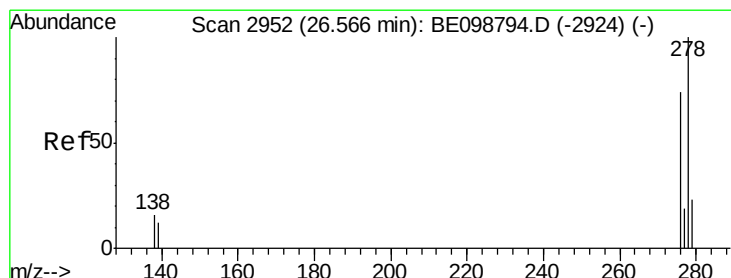
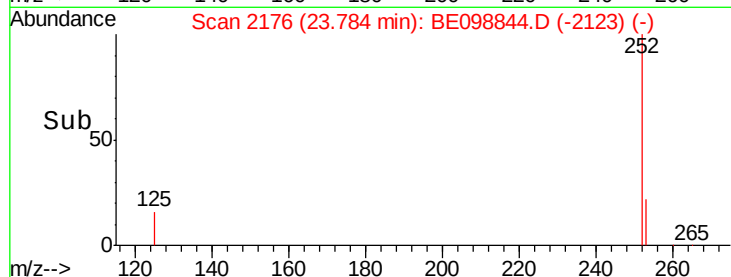
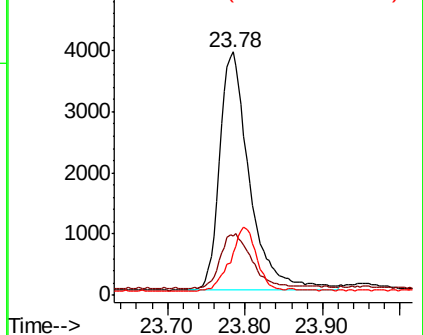
125 17.6 9.0 13.4#



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: 0.380 ng

RT: 26.56 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BE098844.D

Acq: 8 Mar 2019 22:17

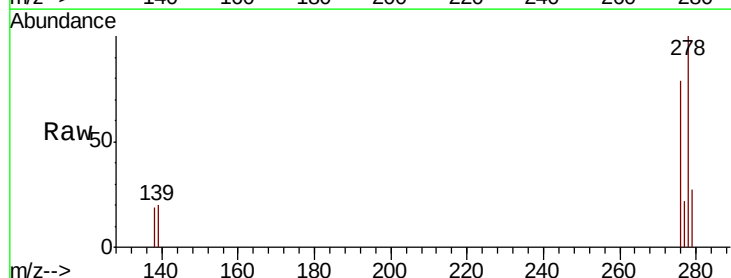
Tgt Ion:278 Resp: 9704

Ion Ratio Lower Upper

278 100

139 20.0 11.8 17.6#

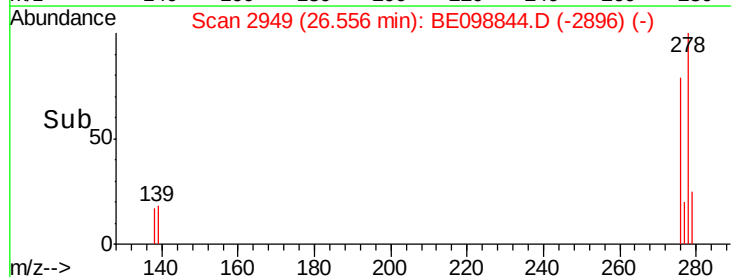
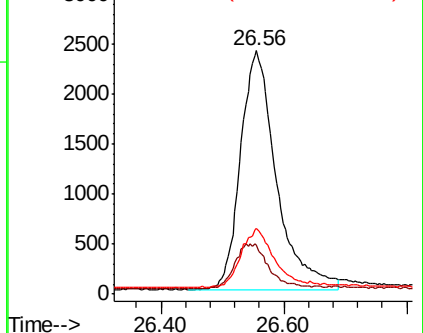
279 27.0 21.1 31.7

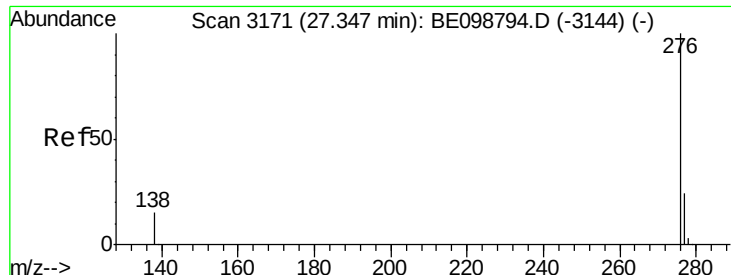


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.381 ng

RT: 27.34 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BE098844.D

Acq: 8 Mar 2019 22:17

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

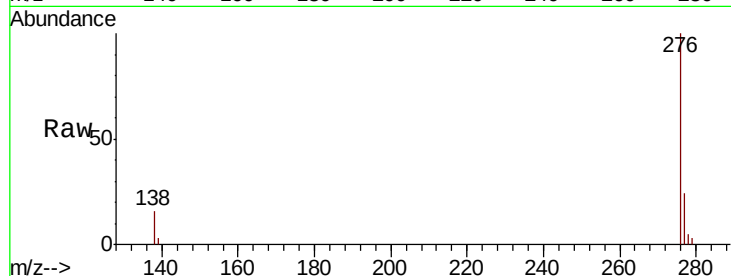
Tot Ion:276 Resp: 10173

Ion Ratio Lower Upper

276 100

277 24.0 20.4 30.6

138 16.3 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

