

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011719\
 Data File : BE098649.D
 Acq On : 17 Jan 2019 12:58
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4EC

Quant Time: Jan 17 13:33:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 15 14:30:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	973	0.40	ng	0.02
7) Naphthalene-d8	10.63	136	4478	0.40	ng	0.02
13) Acenaphthene-d10	14.48	164	3074	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	7353	0.40	ng	0.00
27) Chrysene-d12	21.42	240	8319	0.40	ng	0.00
34) Perylene-d12	23.93	264	8020	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.41	112	1099	0.42	ng	0.01
5) Phenol-d6	7.01	99	1482	0.40	ng	0.01
8) Nitrobenzene-d5	8.99	82	1512	0.43	ng	0.02
11) 2-Methylnaphthalene-d10	12.22	152	2885	0.39	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	549	0.41	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	4588	0.36	ng	0.03
25) Fluoranthene-d10	19.27	212	34214	0.38	ng	0.00
29) Terphenyl-d14	19.86	244	6974	0.38	ng	0.00

Target Compounds

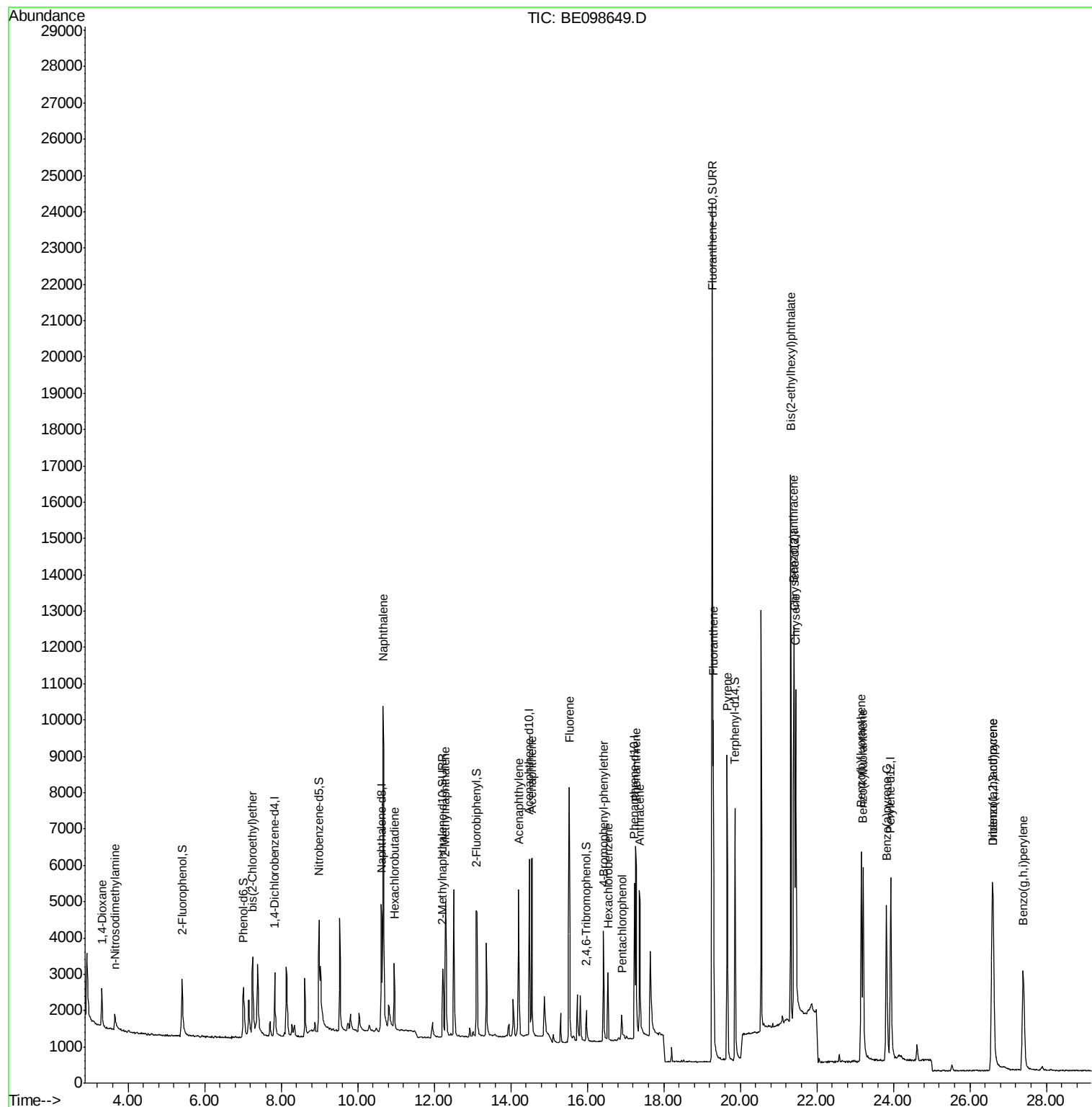
						Qvalue
2) 1,4-Dioxane	3.31	88	713	0.397	ng	93
3) n-Nitrosodimethylamine	3.65	42	684	0.458	ng	# 97
6) bis(2-Chloroethyl)ether	7.25	93	1180	0.422	ng	85
9) Naphthalene	10.67	128	17189	0.385	ng	99
10) Hexachlorobutadiene	10.95	225	1248	0.391	ng	97
12) 2-Methylnaphthalene	12.29	142	2789	0.377	ng	94
16) Acenaphthylene	14.21	152	4986	0.375	ng	98
17) Acenaphthene	14.56	154	3069	0.367	ng	100
18) Fluorene	15.53	166	4018	0.370	ng	98
20) 4-Bromophenyl-phenylether	16.42	248	1394	0.358	ng	96
21) Hexachlorobenzene	16.55	284	1766	0.376	ng	98
22) Pentachlorophenol	16.91	266	521	0.471	ng	91
23) Phenanthrene	17.27	178	6651	0.382	ng	99
24) Anthracene	17.36	178	5617	0.376	ng	99
26) Fluoranthene	19.29	202	8272	0.369	ng	99
28) Pyrene	19.66	202	8587	0.375	ng	99
30) Benzo(a)anthracene	21.40	228	8236	0.368	ng	97
31) Chrysene	21.45	228	8628	0.372	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	16427	0.346	ng	99
33) Indeno(1,2,3-cd)pyrene	26.58	276	9205	0.385	ng	# 90
35) Benzo(b)fluoranthene	23.16	252	8141	0.372	ng	99
36) Benzo(k)fluoranthene	23.21	252	9133	0.382	ng	99
37) Benzo(a)pyrene	23.82	252	7971	0.371	ng	96
38) Dibenzo(a,h)anthracene	26.61	278	7549	0.397	ng	98
39) Benzo(g,h,i)perylene	27.39	276	7915	0.379	ng	97

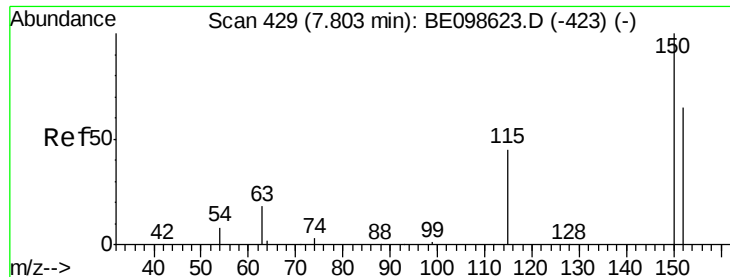
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011719\
Data File : BE098649.D
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Misc :
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Instrument :
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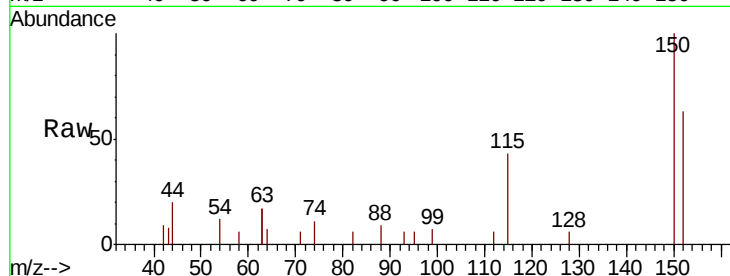


#1

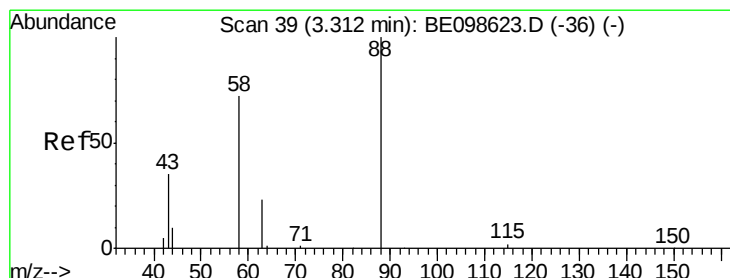
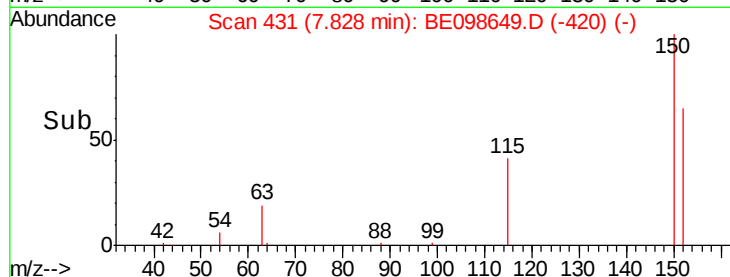
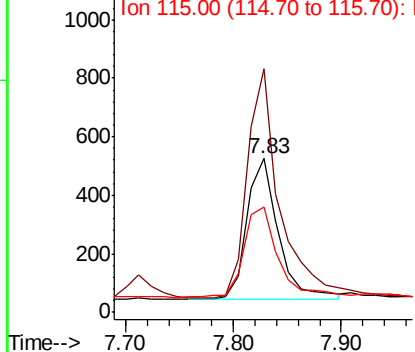
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. 0.02 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 973
Ion Ratio Lower Upper
152 100
150 158.2 121.4 182.2
115 68.6 59.1 88.7



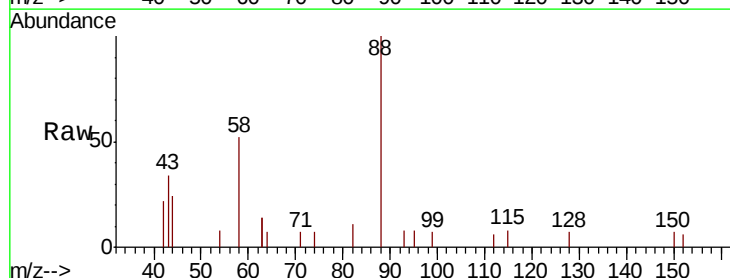
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



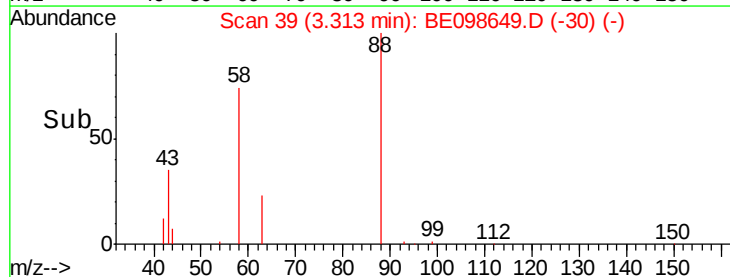
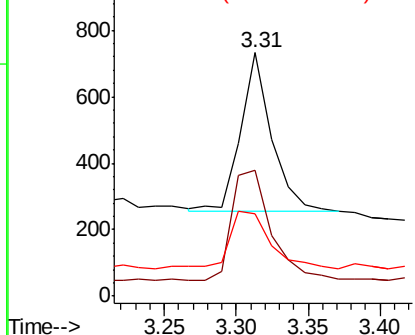
#2

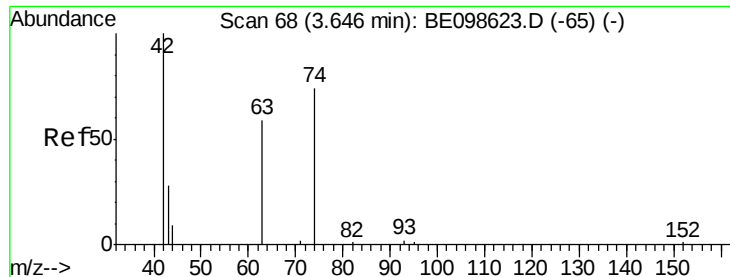
1,4-Dioxane
Concen: 0.397 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Tgt Ion: 88 Resp: 713
Ion Ratio Lower Upper
88 100
58 87.4 73.9 110.9
43 48.1 43.7 65.5



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

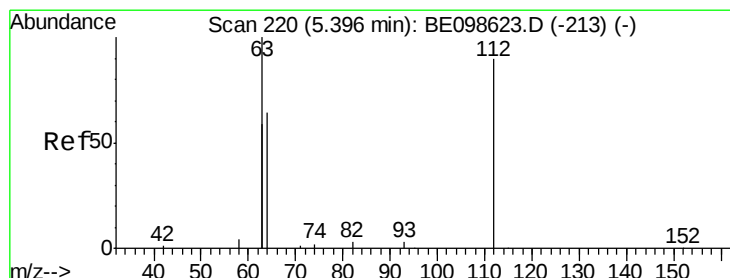
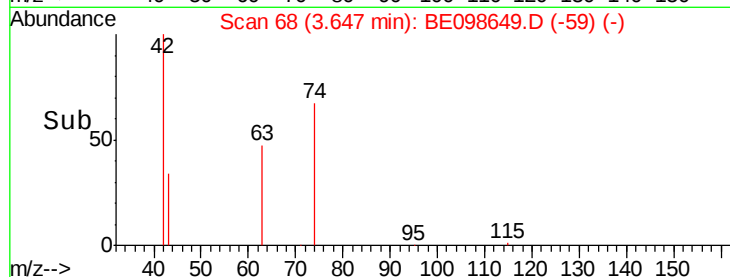
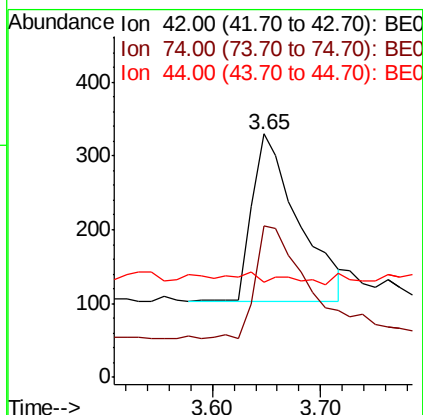
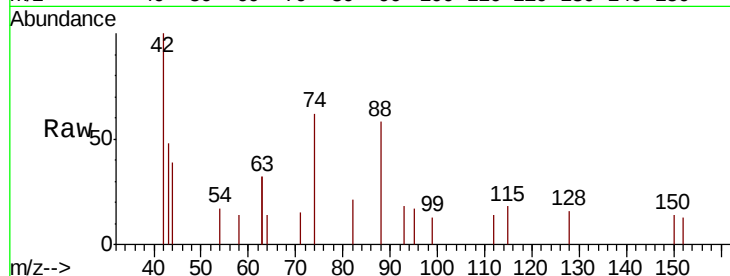




#3
n-Nitrosodimethylamine
Concen: 0.458 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

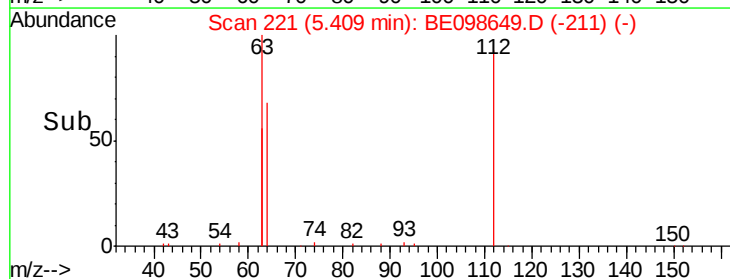
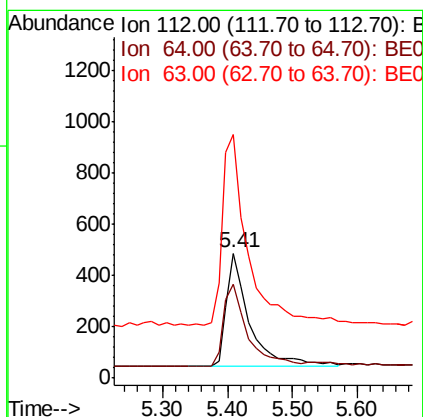
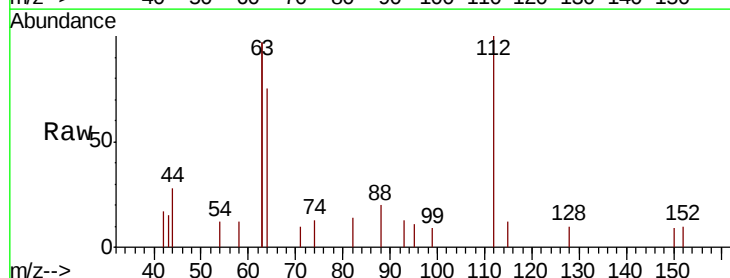
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

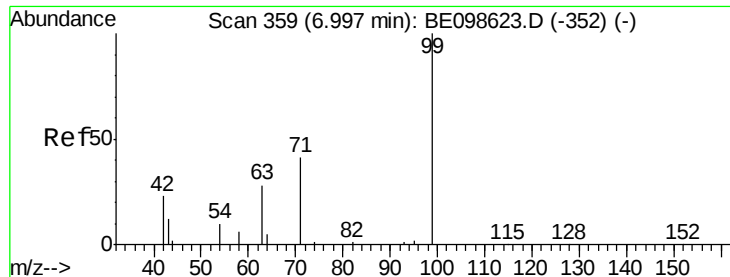
Tot Ion: 42 Resp: 684
Ion Ratio Lower Upper
42 100
74 71.5 58.9 88.3
44 1.0 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.423 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Tgt Ion: 112 Resp: 1099
Ion Ratio Lower Upper
112 100
64 75.2 62.9 94.3
63 192.9 152.2 228.4





#5

Phenol-d6

Concen: 0.401 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.01 min

Lab File: BE098649.D

Acq: 17 Jan 2019 12:58

Instrument :

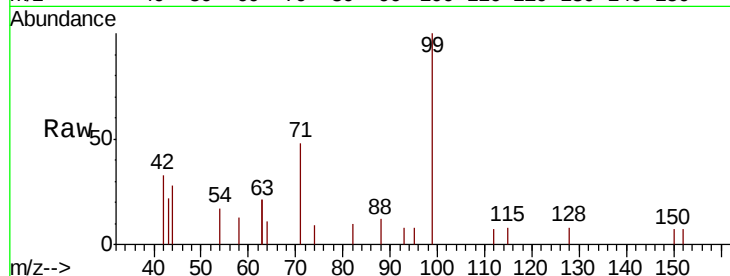
BNA_E

ClientSampleId :

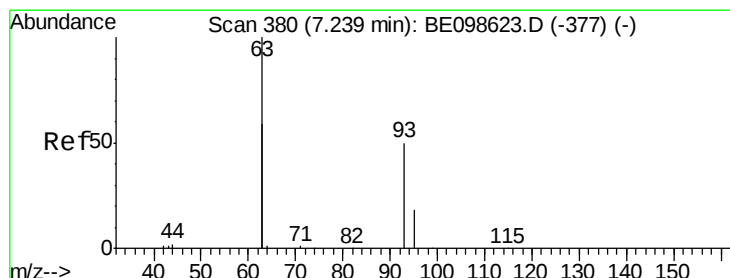
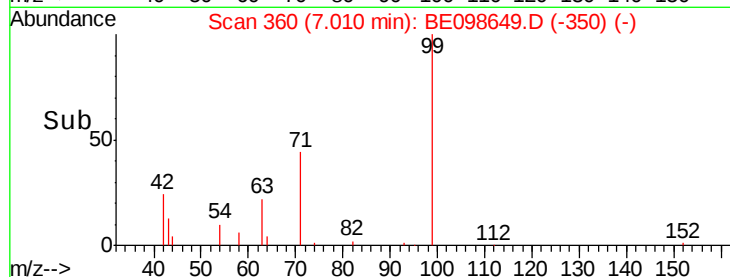
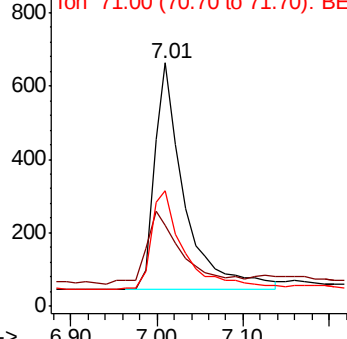
SSTDCCC0.4EC

Tot Ion: 99 Resp: 1482

Ion	Ratio	Lower	Upper
99	100		
42	38.0	24.6	37.0#
71	48.0	35.1	52.7



Abundance Ion 99.00 (98.70 to 99.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.422 ng

RT: 7.25 min Scan# 381

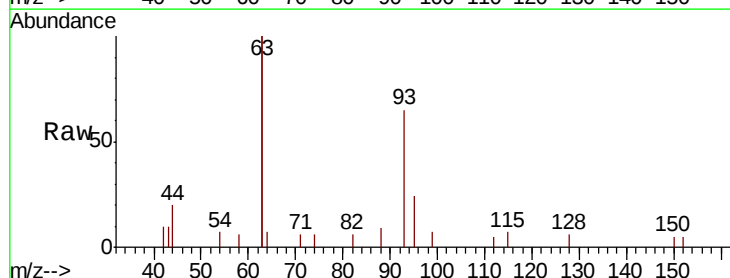
Delta R.T. 0.01 min

Lab File: BE098649.D

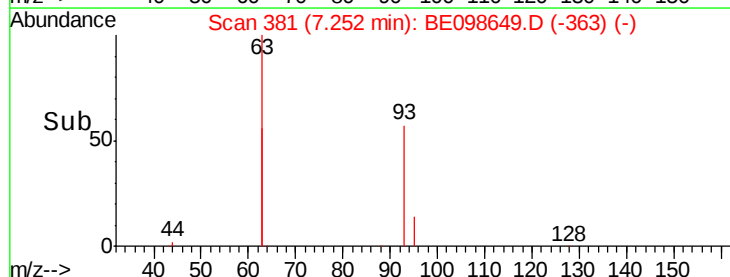
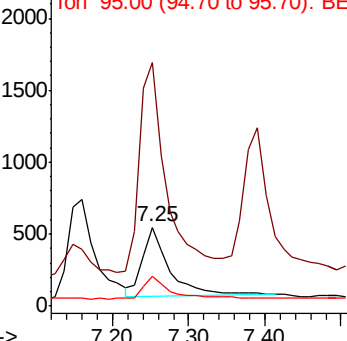
Acq: 17 Jan 2019 12:58

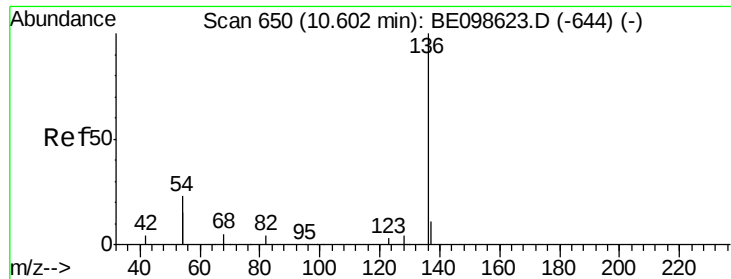
Tgt Ion: 93 Resp: 1180

Ion	Ratio	Lower	Upper
93	100		
63	300.3	267.3	400.9
95	31.5	26.2	39.4



Abundance Ion 93.00 (92.70 to 93.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.02 min

Lab File: BE098649.D

Acq: 17 Jan 2019 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 4478

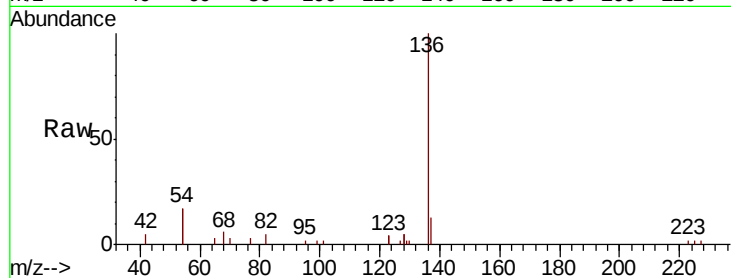
Ion Ratio Lower Upper

136 100

137 13.5 9.7 14.5

54 33.6 35.5 53.3#

68 5.6 5.0 7.6

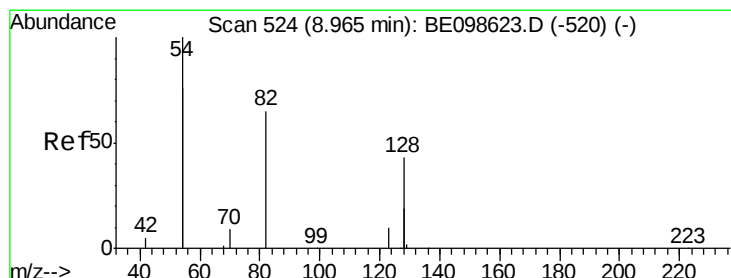
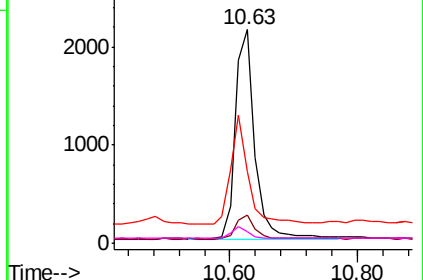
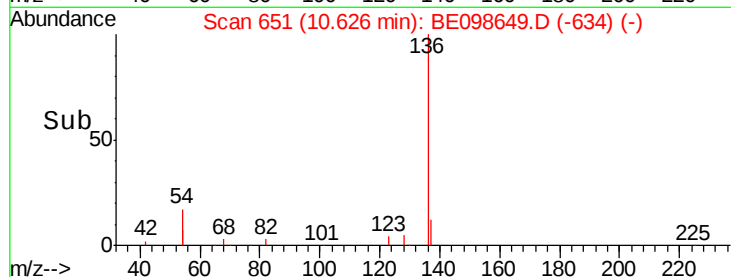


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.426 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.02 min

Lab File: BE098649.D

Acq: 17 Jan 2019 12:58

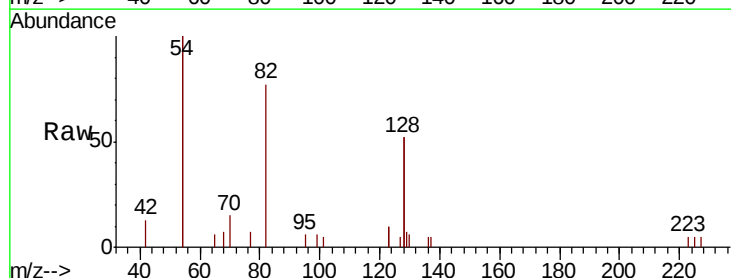
Tgt Ion: 82 Resp: 1512

Ion Ratio Lower Upper

82 100

128 135.6 96.5 144.7

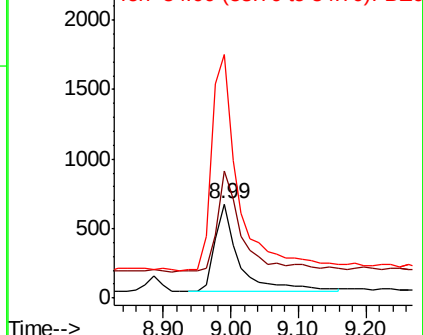
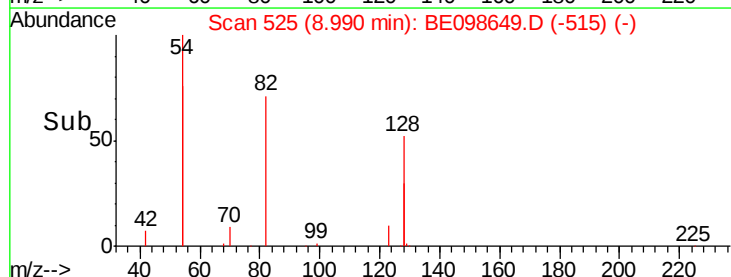
54 258.8 224.7 337.1

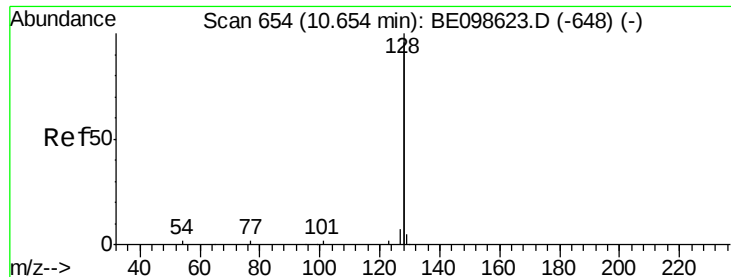


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.385 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.01 min

Lab File: BE098649.D

Acq: 17 Jan 2019 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

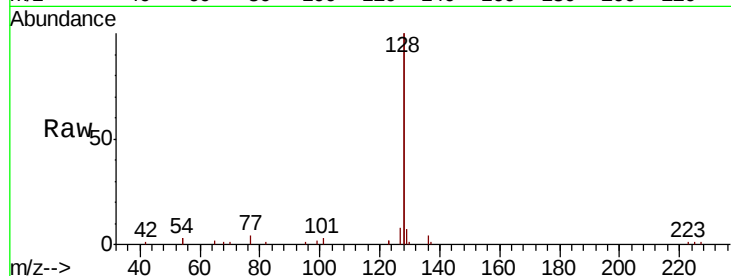
Tot Ion:128 Resp: 17189

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

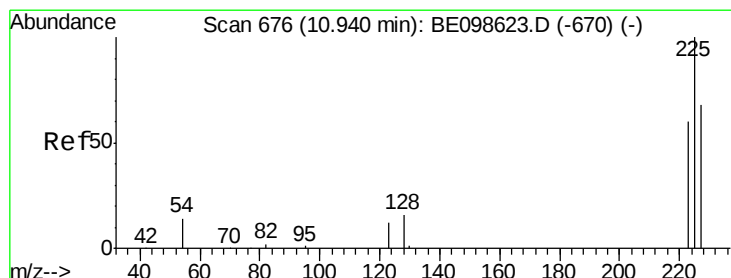
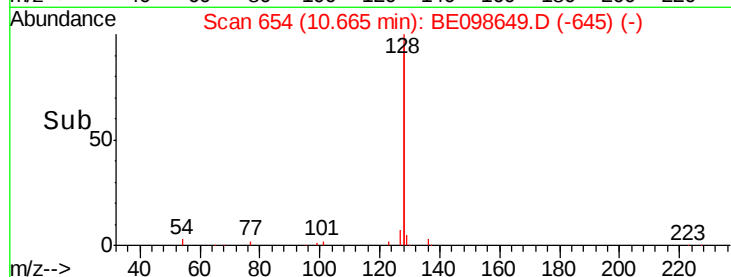
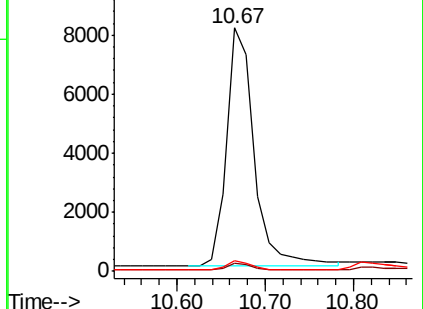
127 4.2 3.0 4.6



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: 0.391 ng

RT: 10.95 min Scan# 676

Delta R.T. 0.01 min

Lab File: BE098649.D

Acq: 17 Jan 2019 12:58

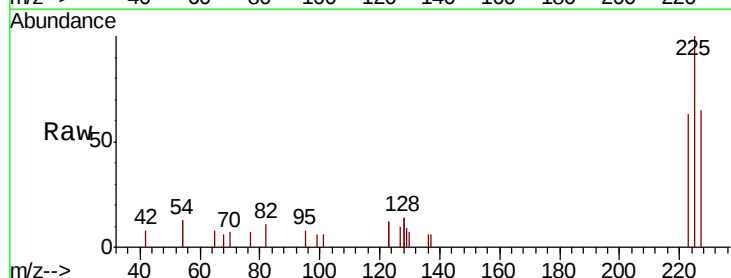
Tgt Ion:225 Resp: 1248

Ion Ratio Lower Upper

225 100

223 63.0 47.8 71.8

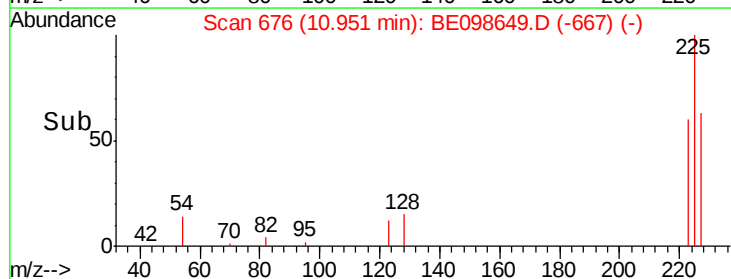
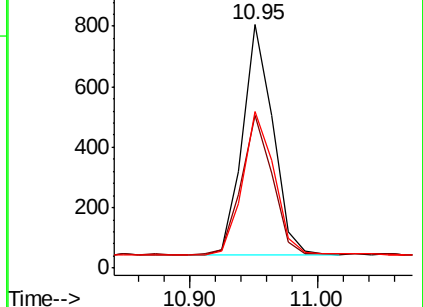
227 64.4 50.5 75.7

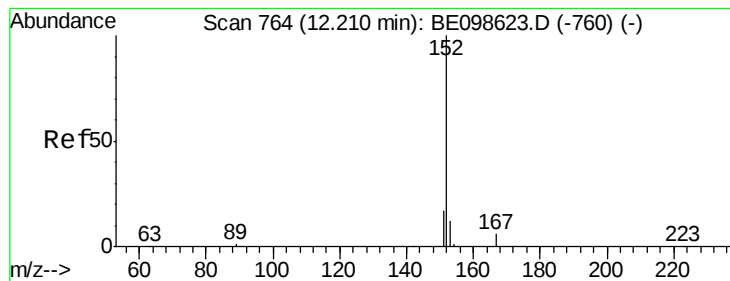


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.392 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE098649.D

Acq: 17 Jan 2019 12:58

Instrument :

BNA_E

ClientSampleId :

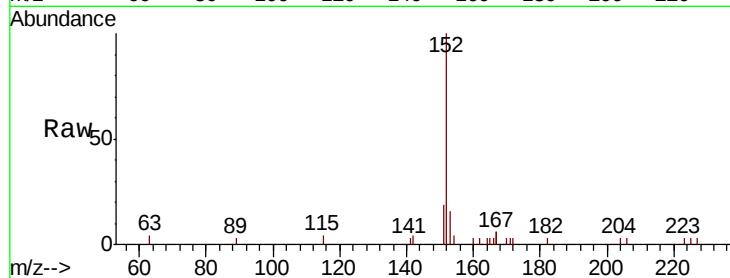
SSTDCCC0.4EC

Tot Ion:152 Resp: 2885

Ion Ratio Lower Upper

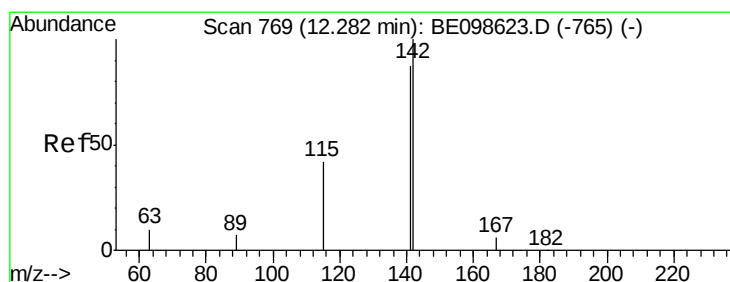
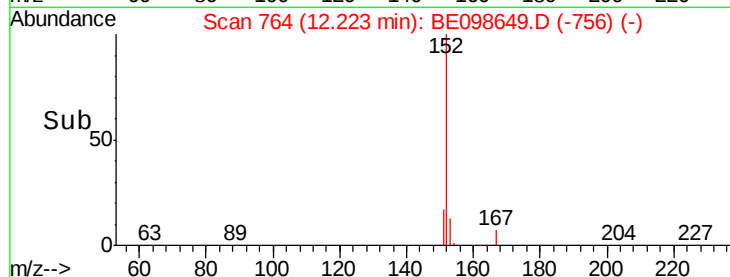
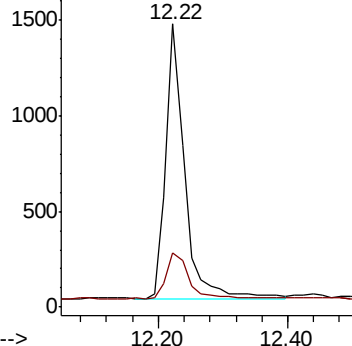
152 100

151 20.0 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.377 ng

RT: 12.29 min Scan# 769

Delta R.T. 0.01 min

Lab File: BE098649.D

Acq: 17 Jan 2019 12:58

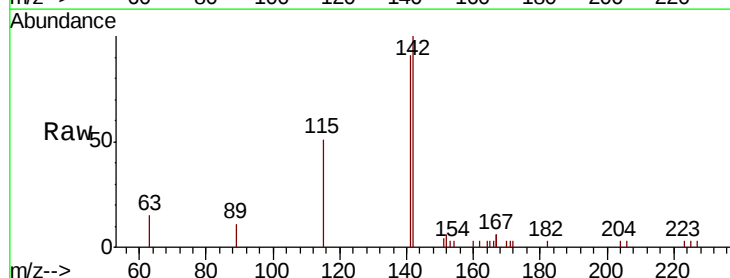
Tgt Ion:142 Resp: 2789

Ion Ratio Lower Upper

142 100

141 90.6 70.0 105.0

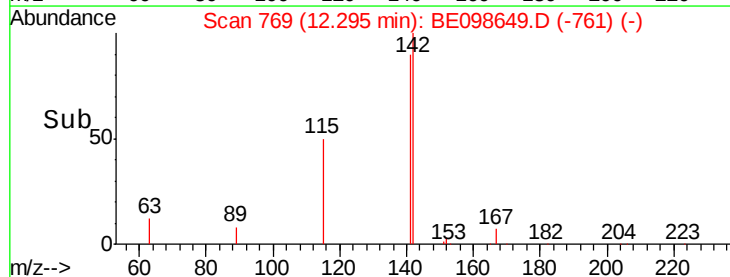
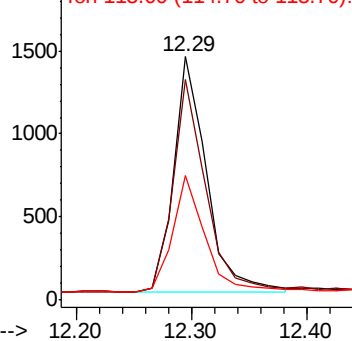
115 51.3 35.2 52.8

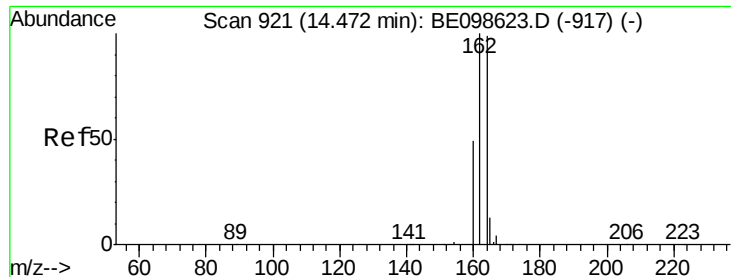


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

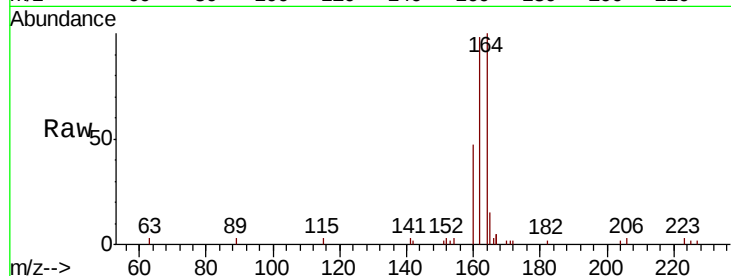




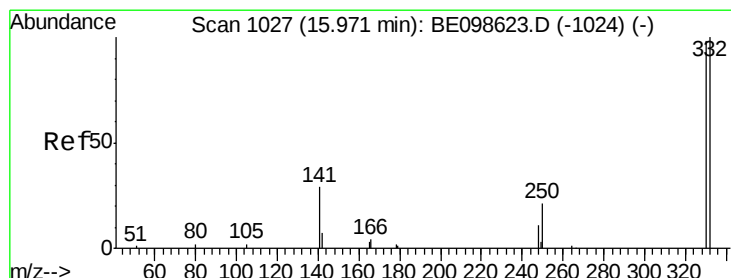
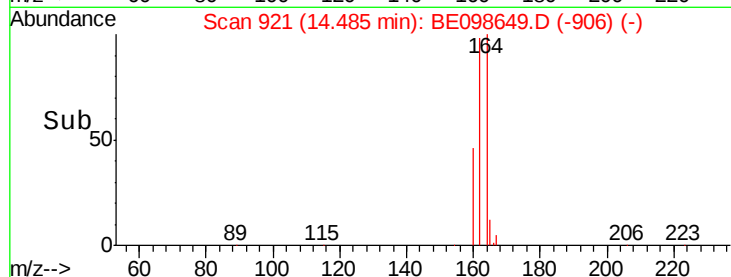
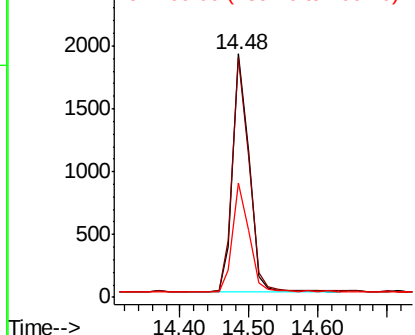
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.48 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: BE098649.D
 Acq: 17 Jan 2019 12:58

Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4EC

Tot Ion:164 Resp: 3074
 Ion Ratio Lower Upper
 164 100
 162 98.4 80.5 120.7
 160 47.0 40.1 60.1

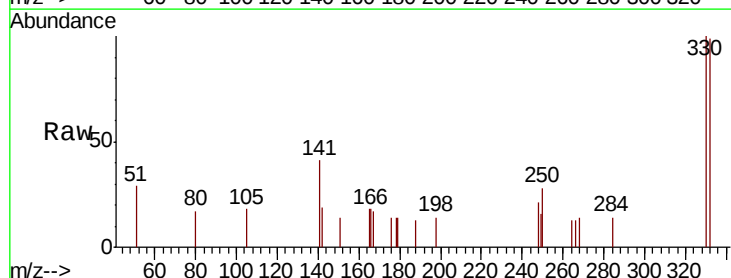


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

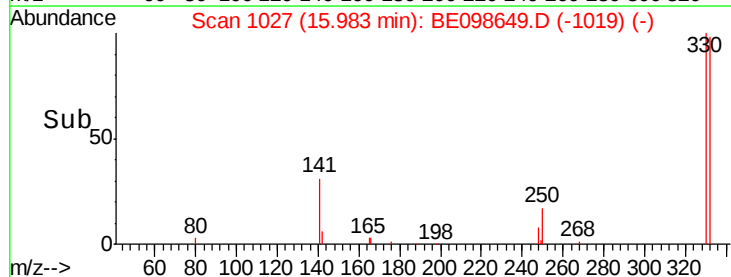
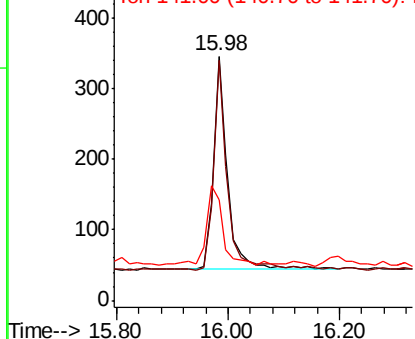


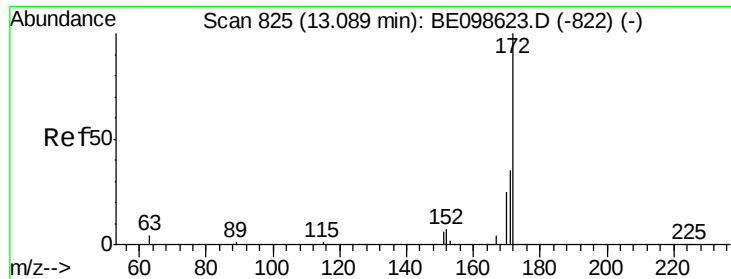
#14
 2,4,6-Tribromophenol
 Concen: 0.410 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BE098649.D
 Acq: 17 Jan 2019 12:58

Tgt Ion:330 Resp: 549
 Ion Ratio Lower Upper
 330 100
 332 92.0 73.3 109.9
 141 41.3 33.1 49.7



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

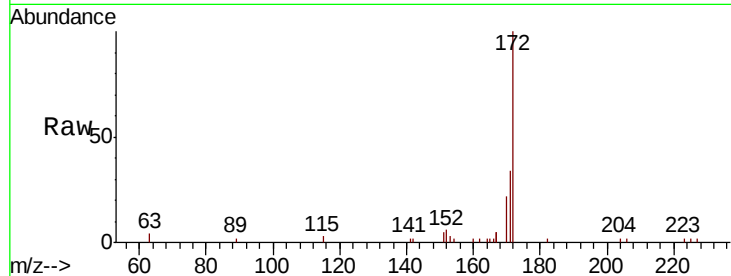




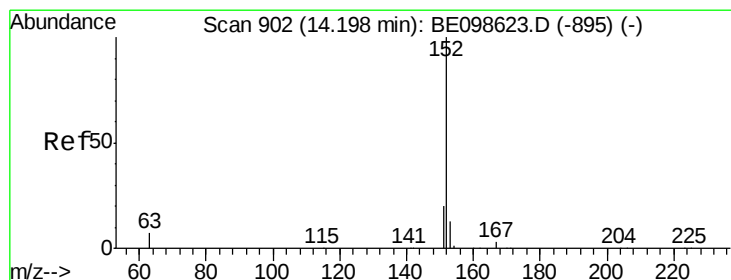
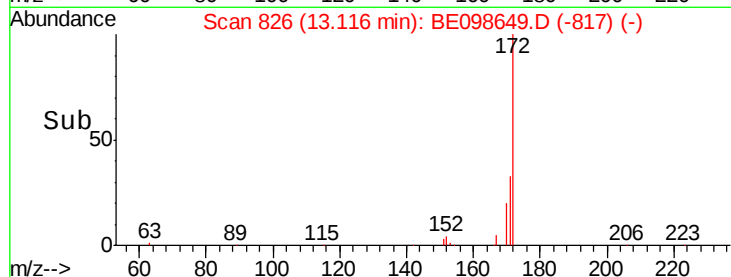
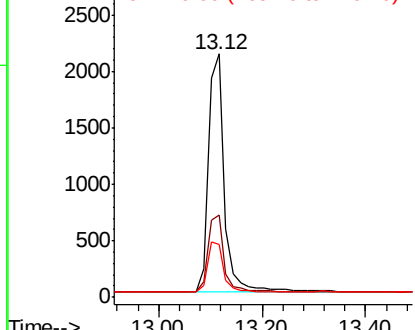
#15
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.03 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 4588
Ion Ratio Lower Upper
172 100
171 34.1 29.0 43.4
170 21.9 20.8 31.2

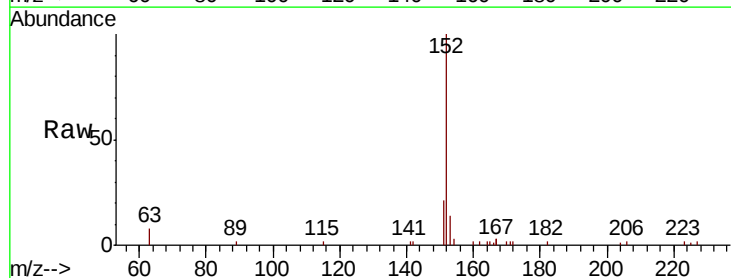


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

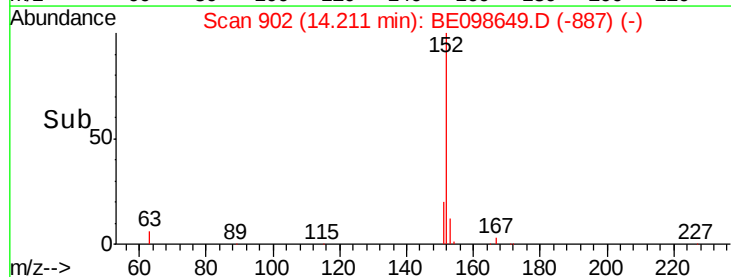
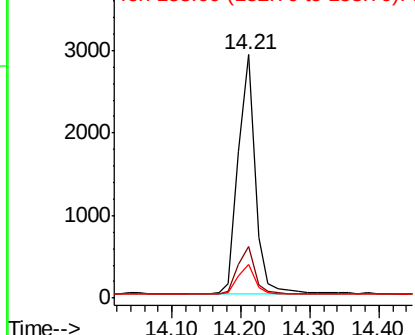


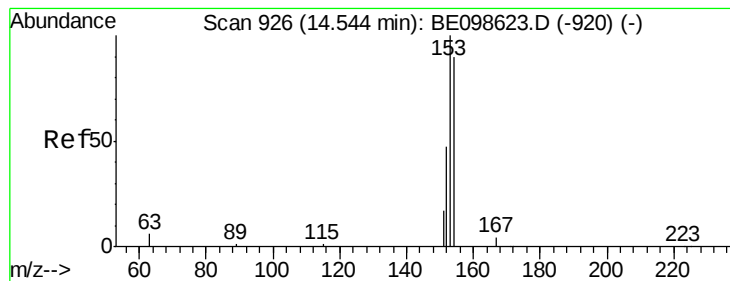
#16
Acenaphthylene
Concen: 0.375 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Tgt Ion:152 Resp: 4986
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 12.6 10.7 16.1



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: 0.367 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.01 min

Lab File: BE098649.D

Acq: 17 Jan 2019 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

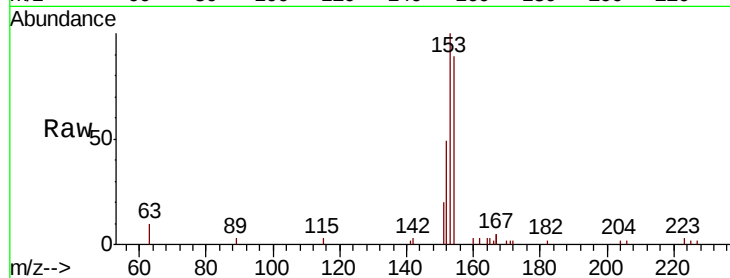
Tot Ion:154 Resp: 3069

Ion Ratio Lower Upper

154 100

153 117.6 93.9 140.9

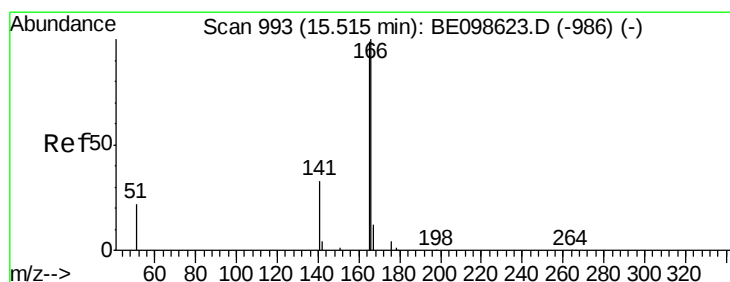
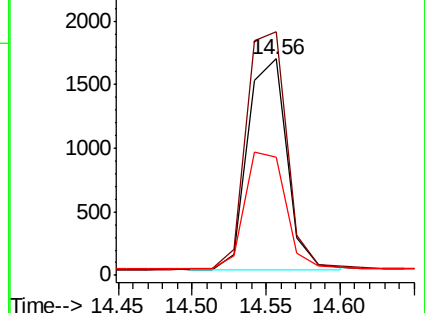
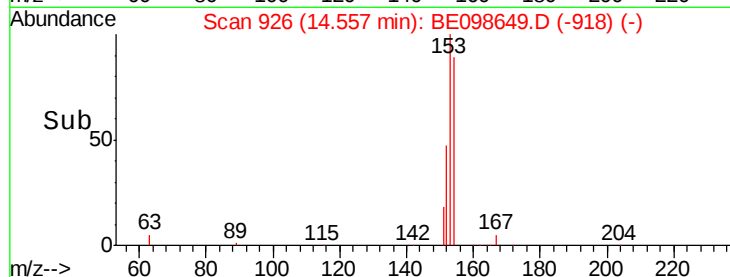
152 57.3 45.8 68.8



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: 0.370 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.01 min

Lab File: BE098649.D

Acq: 17 Jan 2019 12:58

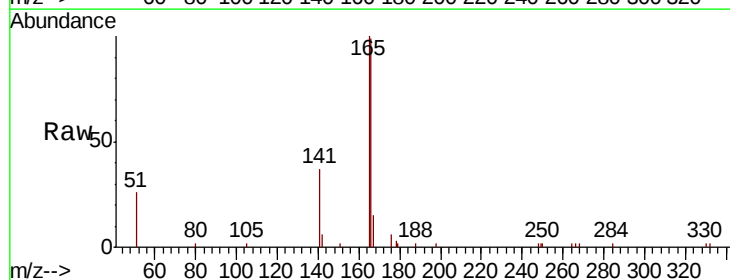
Tgt Ion:166 Resp: 4018

Ion Ratio Lower Upper

166 100

165 101.2 79.3 118.9

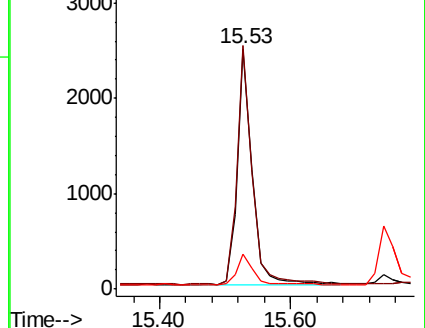
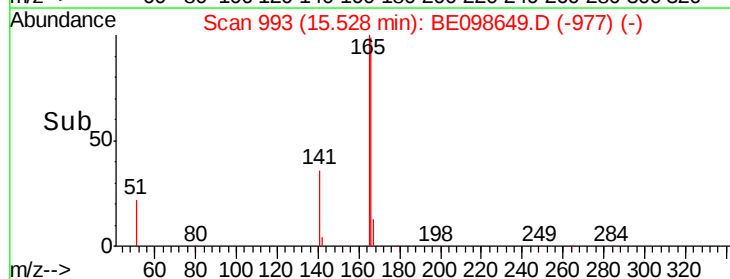
167 14.3 10.6 15.8

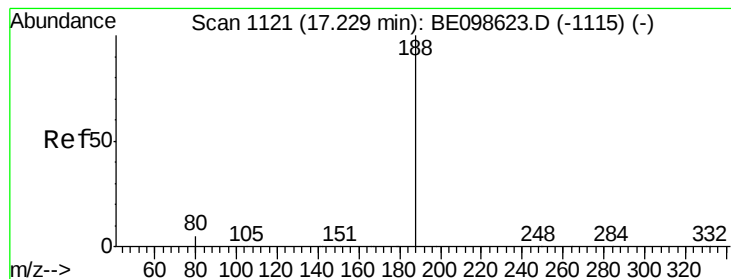


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE098649.D

Acq: 17 Jan 2019 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

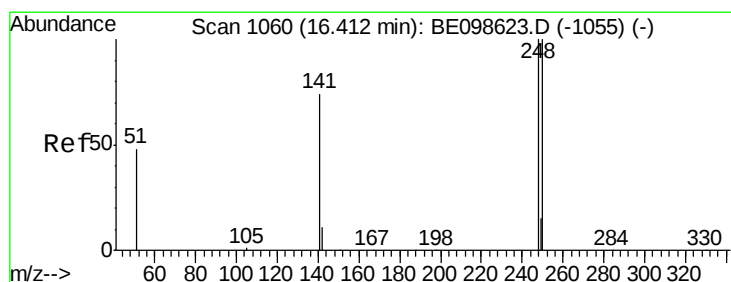
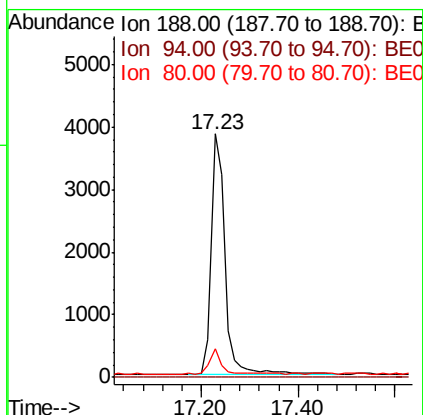
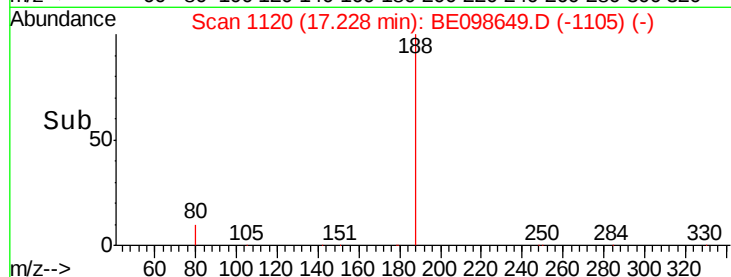
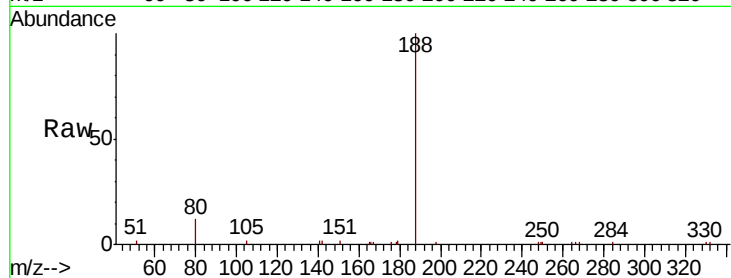
Tot Ion:188 Resp: 7353

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.8 4.7 7.1#



#20

4-Bromophenyl-phenylether

Concen: 0.358 ng

RT: 16.42 min Scan# 1060

Delta R.T. 0.01 min

Lab File: BE098649.D

Acq: 17 Jan 2019 12:58

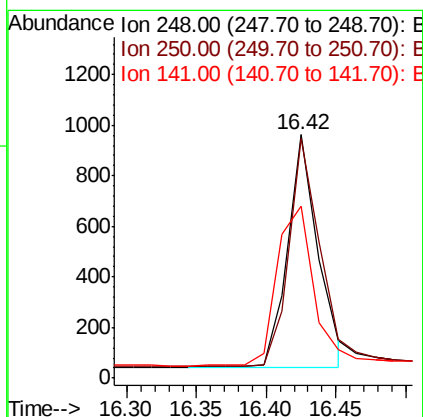
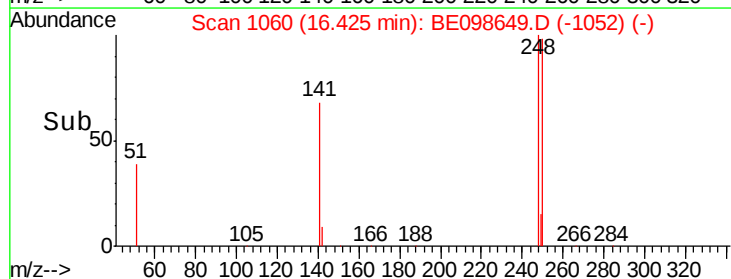
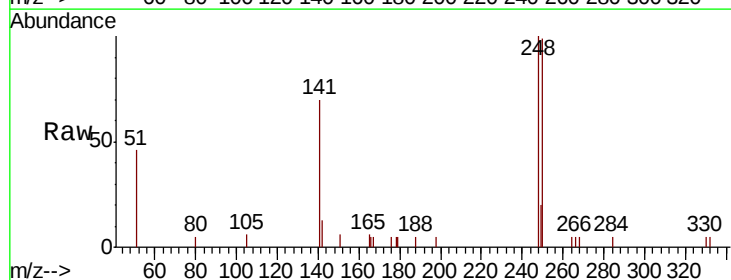
Tgt Ion:248 Resp: 1394

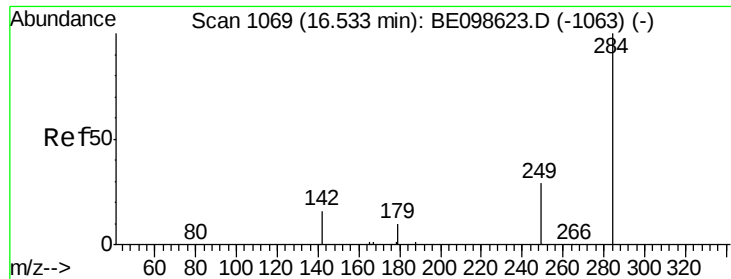
Ion Ratio Lower Upper

248 100

250 98.5 80.2 120.4

141 70.4 60.5 90.7





#21

Hexachlorobenzene

Concen: 0.376 ng

RT: 16.55 min Scan# 1069

Delta R.T. 0.01 min

Lab File: BE098649.D

Acq: 17 Jan 2019 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

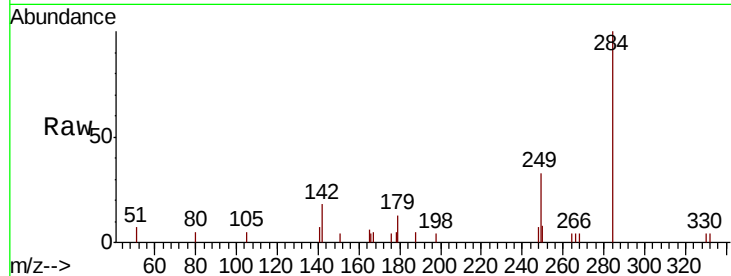
Tot Ion:284 Resp: 1766

Ion Ratio Lower Upper

284 100

142 33.5 25.5 38.3

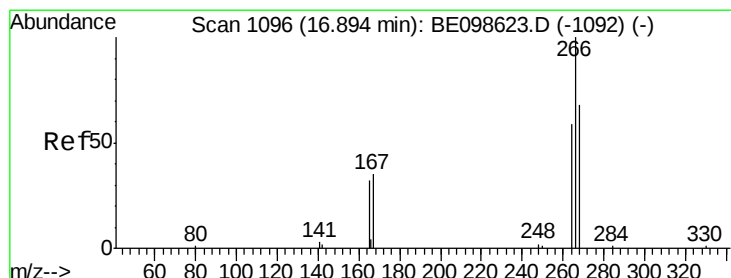
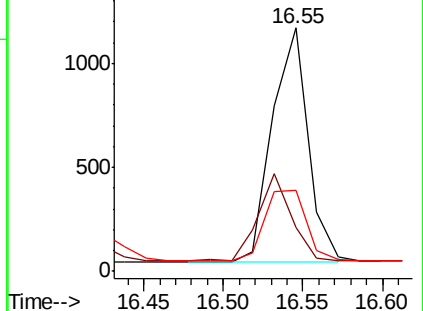
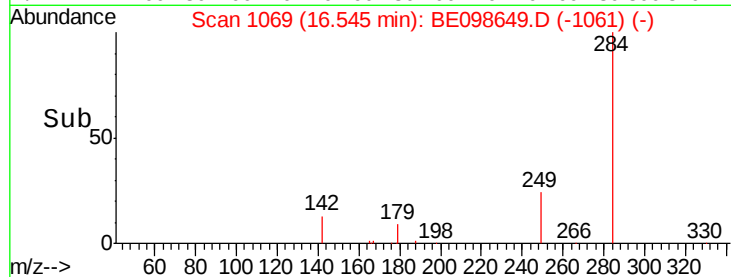
249 34.4 26.6 39.8



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: 0.471 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098649.D

Acq: 17 Jan 2019 12:58

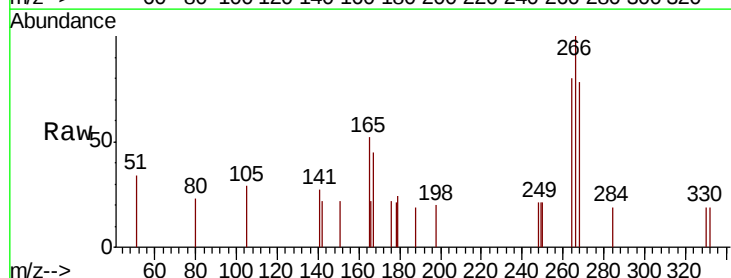
Tgt Ion:266 Resp: 521

Ion Ratio Lower Upper

266 100

264 79.7 53.7 80.5

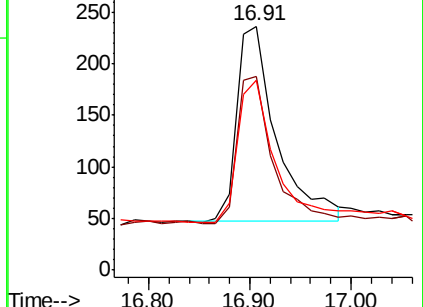
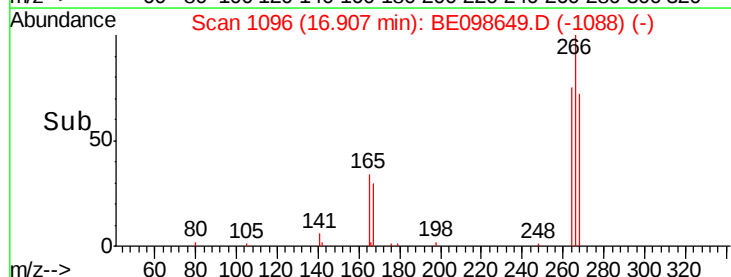
268 78.0 59.8 89.8

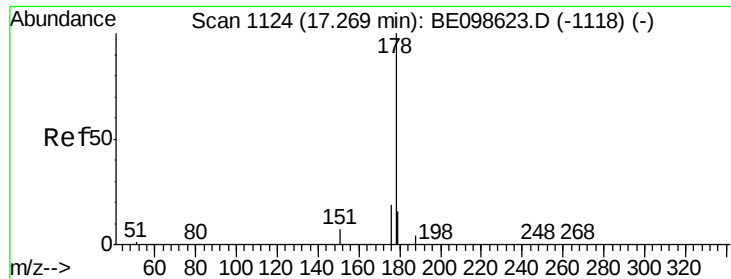


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.382 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE098649.D

Acq: 17 Jan 2019 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

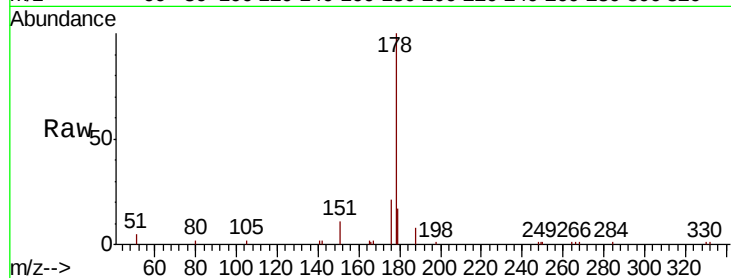
Tot Ion:178 Resp: 6651

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

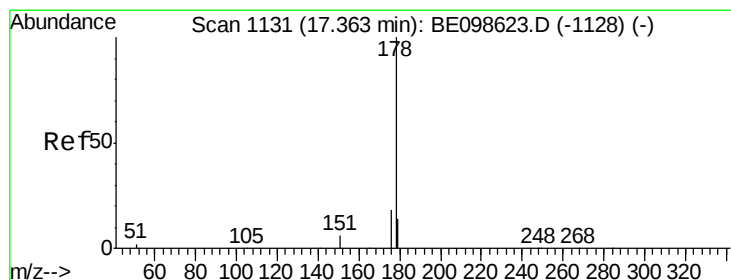
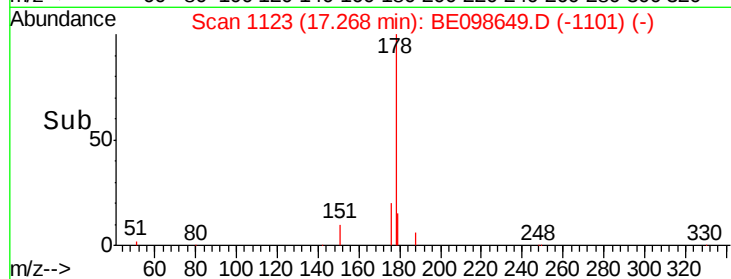
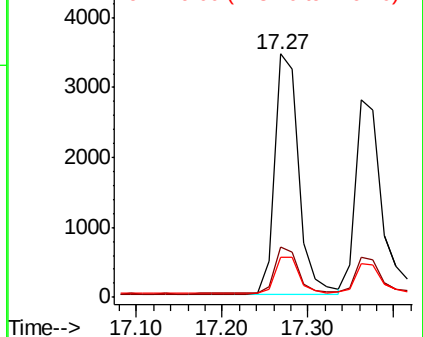
179 16.0 12.2 18.4



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



#24

Anthracene

Concen: 0.376 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE098649.D

Acq: 17 Jan 2019 12:58

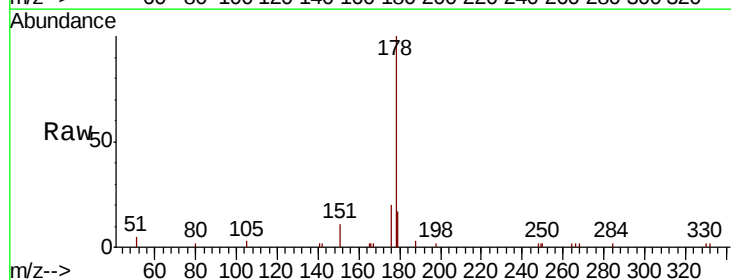
Tgt Ion:178 Resp: 5617

Ion Ratio Lower Upper

178 100

176 17.9 14.9 22.3

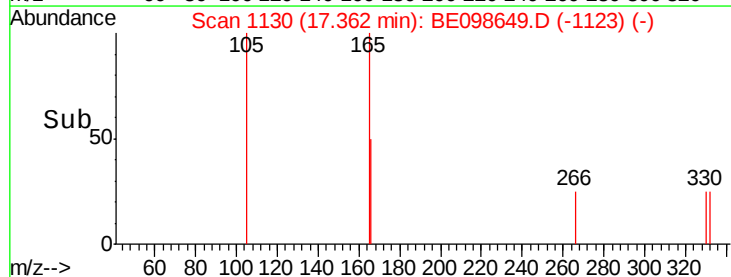
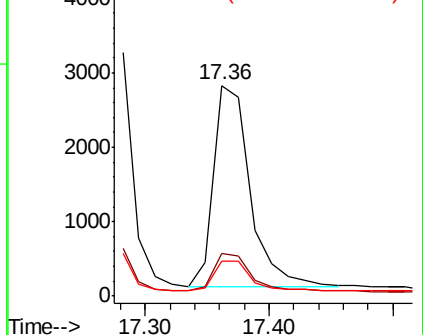
179 15.2 11.8 17.8

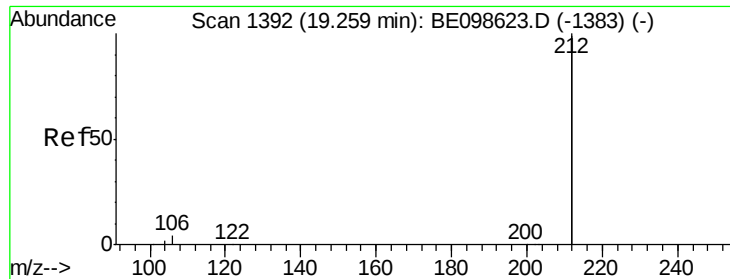


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

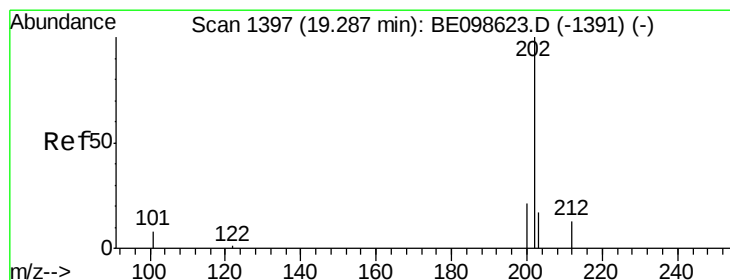
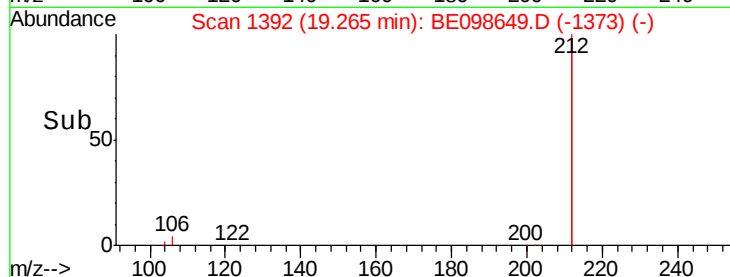
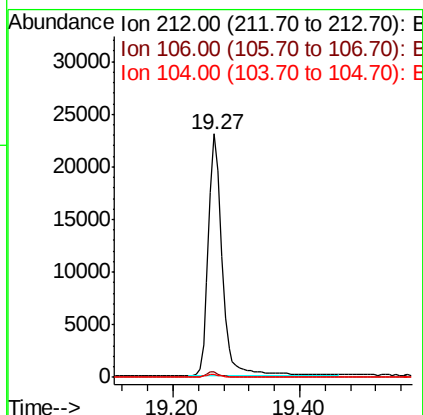
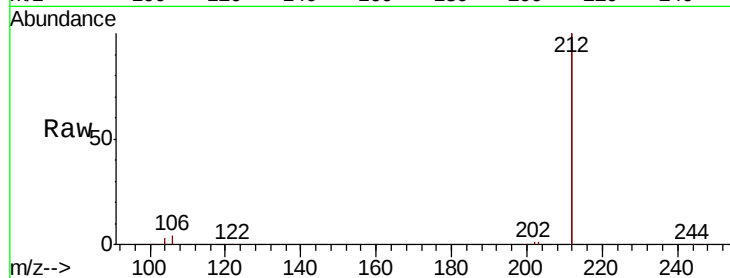




#25
 Fluoranthene-d10
 Concen: 0.376 ng
 RT: 19.27 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BE098649.D
 Acq: 17 Jan 2019 12:58

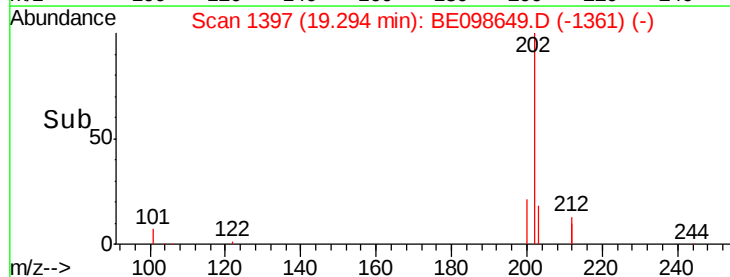
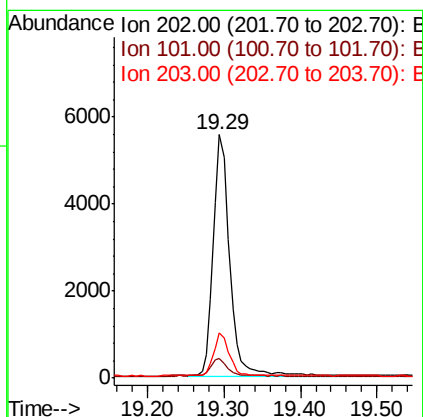
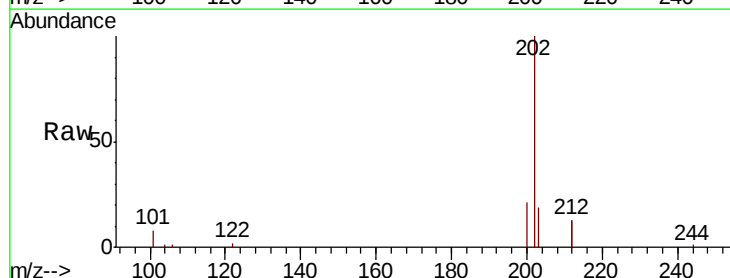
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

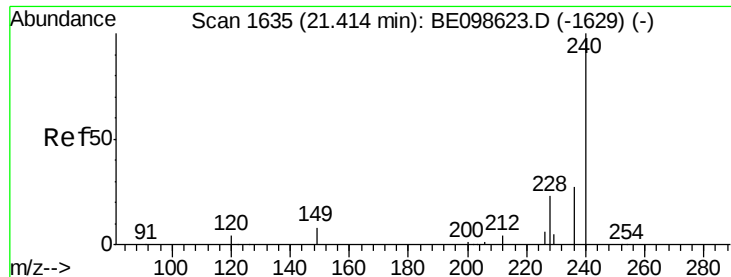
Tot Ion:212 Resp: 34214
 Ion Ratio Lower Upper
 212 100
 106 1.9 1.7 2.5
 104 1.1 1.0 1.6



#26
 Fluoranthene
 Concen: 0.369 ng
 RT: 19.29 min Scan# 1397
 Delta R.T. 0.01 min
 Lab File: BE098649.D
 Acq: 17 Jan 2019 12:58

Tgt Ion:202 Resp: 8272
 Ion Ratio Lower Upper
 202 100
 101 7.5 6.7 10.1
 203 16.8 13.3 19.9

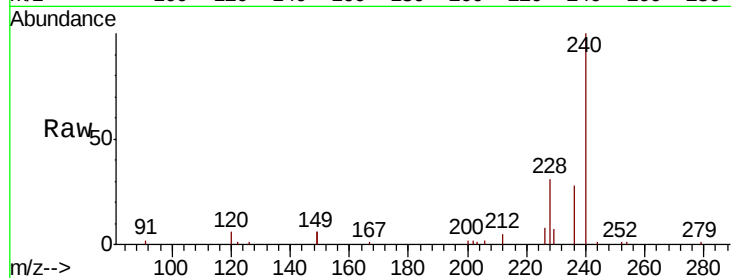




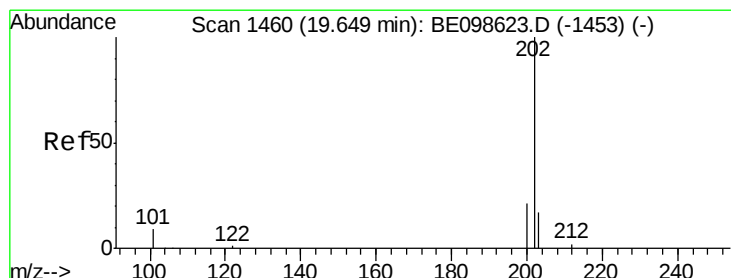
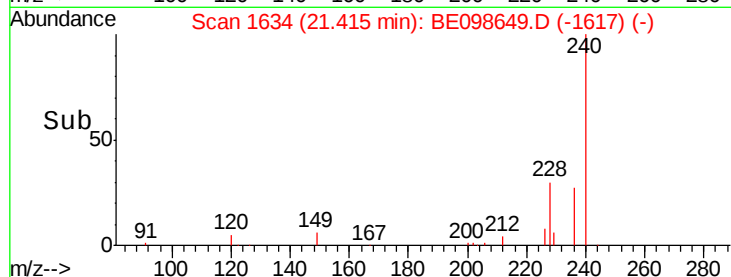
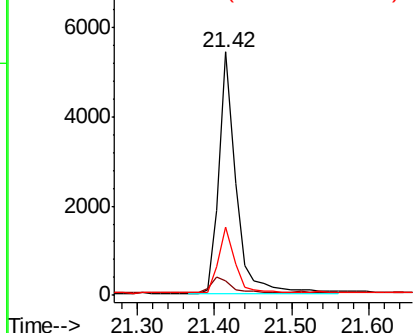
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:240 Resp: 8319
Ion Ratio Lower Upper
240 100
120 5.8 4.7 7.1
236 28.0 21.9 32.9

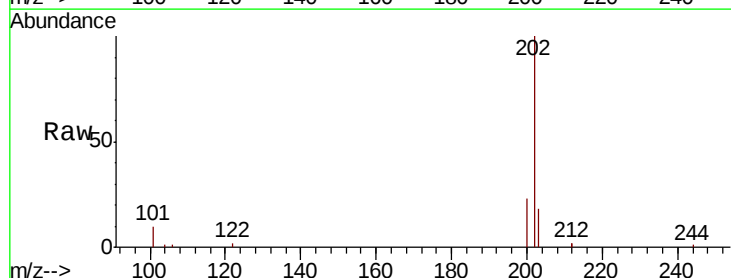


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

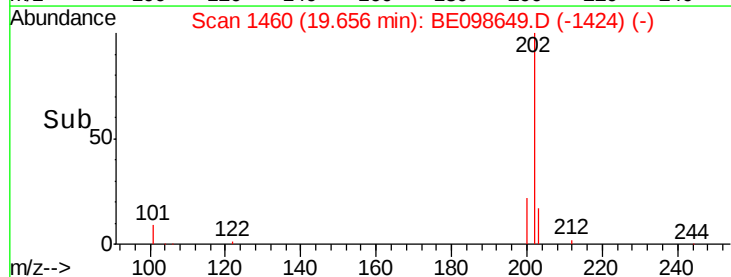
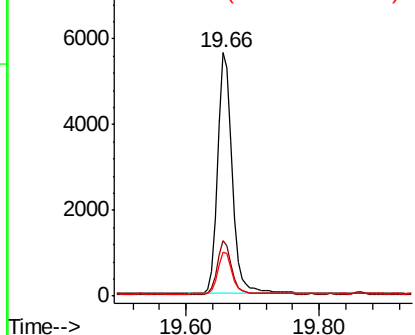


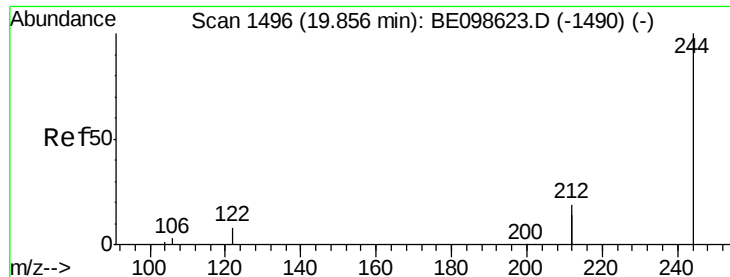
#28
Pyrene
Concen: 0.375 ng
RT: 19.66 min Scan# 1460
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Tgt Ion:202 Resp: 8587
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.6
203 17.1 13.8 20.8



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: 0.379 ng

RT: 19.86 min Scan# 1496

Delta R.T. 0.01 min

Lab File: BE098649.D

Acq: 17 Jan 2019 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

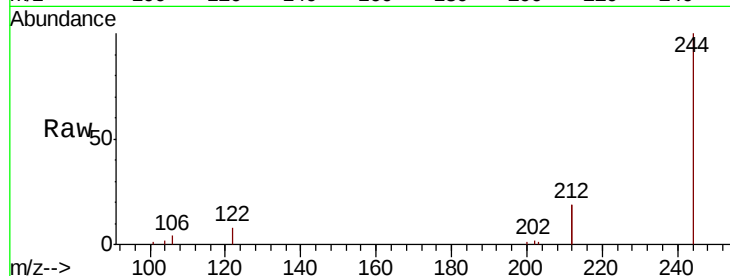
Tot Ion:244 Resp: 6974

Ion Ratio Lower Upper

244 100

212 37.3 29.4 44.2

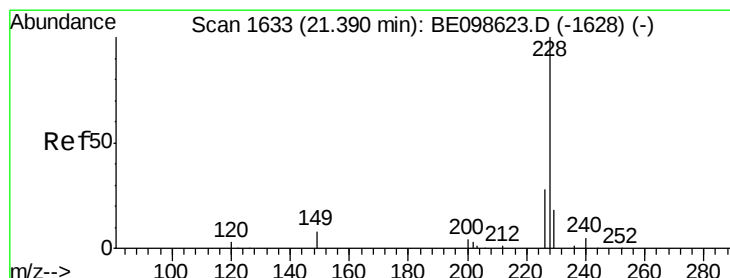
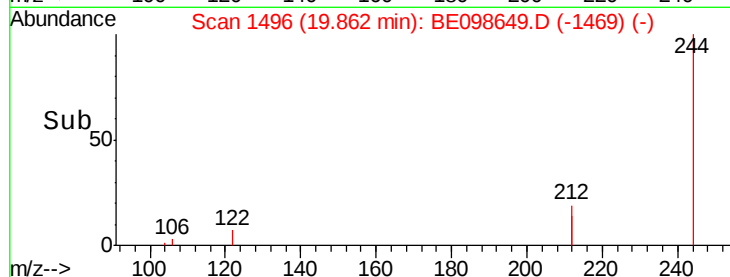
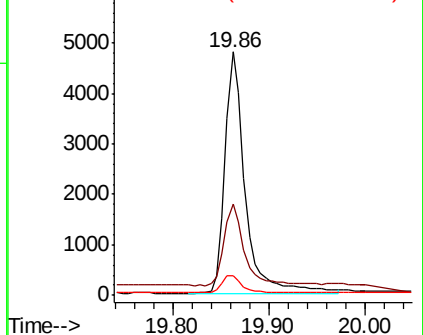
122 8.3 7.1 10.7



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: 0.368 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.01 min

Lab File: BE098649.D

Acq: 17 Jan 2019 12:58

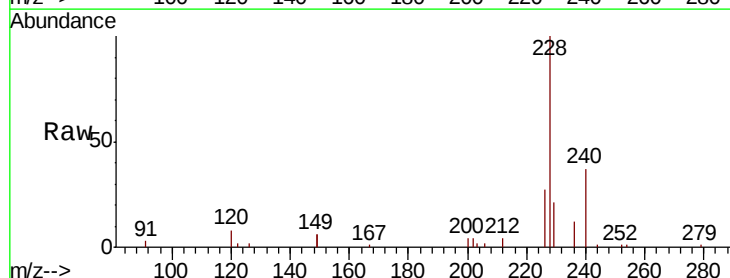
Tgt Ion:228 Resp: 8236

Ion Ratio Lower Upper

228 100

226 27.3 23.0 34.4

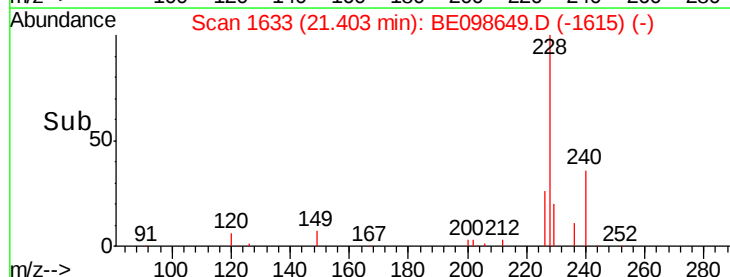
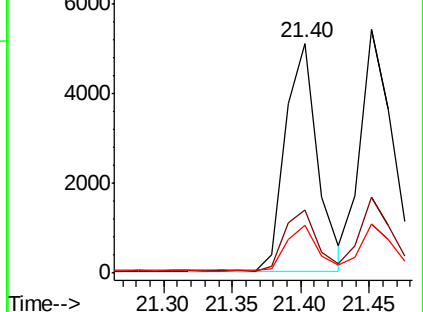
229 20.9 15.0 22.6

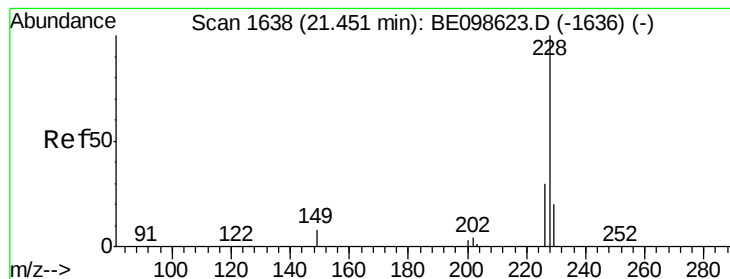


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.372 ng

RT: 21.45 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BE098649.D

Acq: 17 Jan 2019 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

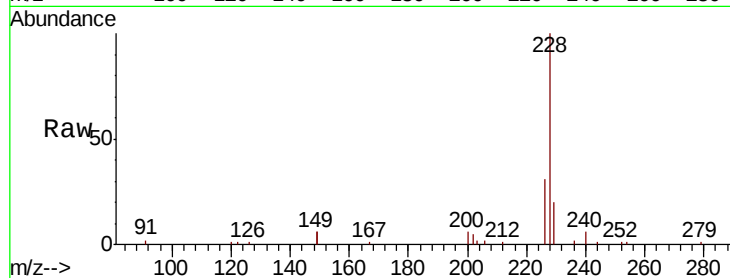
Tot Ion:228 Resp: 8628

Ion Ratio Lower Upper

228 100

226 31.1 24.6 36.8

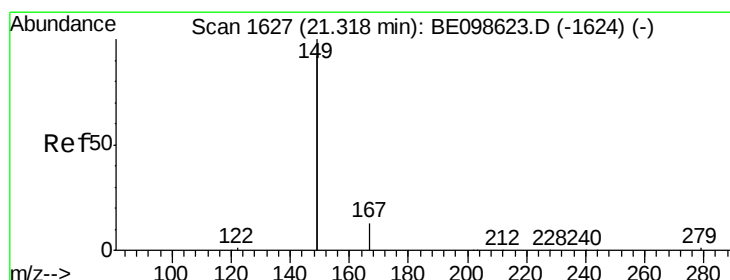
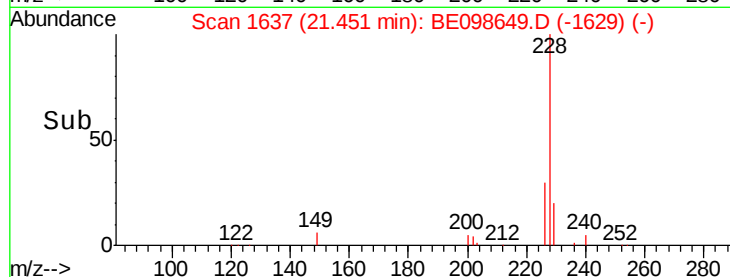
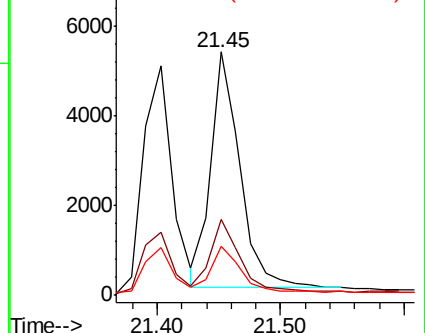
229 20.4 16.4 24.6



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: 0.346 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE098649.D

Acq: 17 Jan 2019 12:58

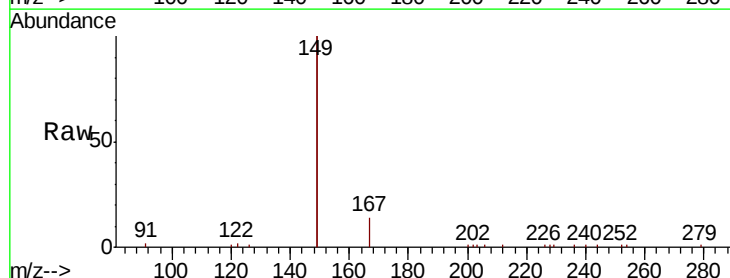
Tgt Ion:149 Resp: 16427

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.2

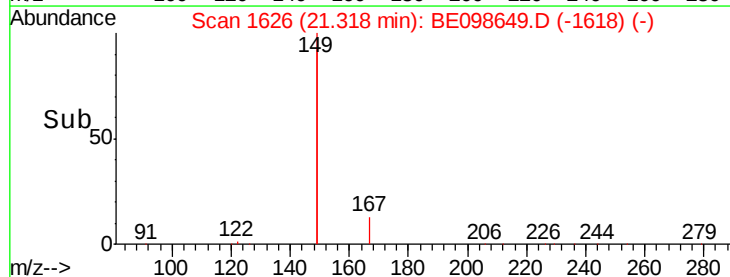
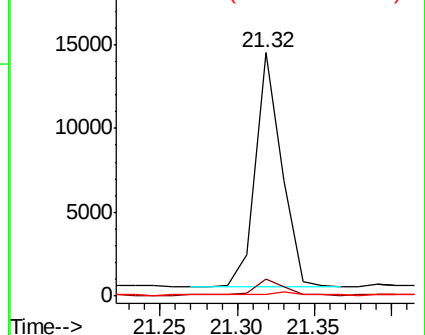
279 1.3 1.0 1.4

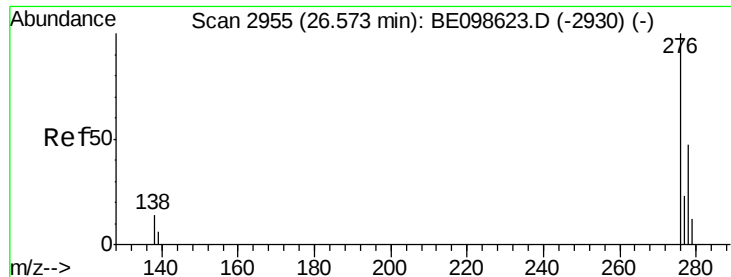


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.385 ng

RT: 26.58 min Scan# 2956

Delta R.T. 0.01 min

Lab File: BE098649.D

Acq: 17 Jan 2019 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

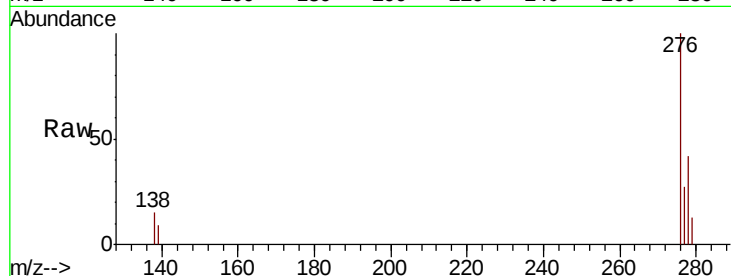
Tot Ion:276 Resp: 9205

Ion Ratio Lower Upper

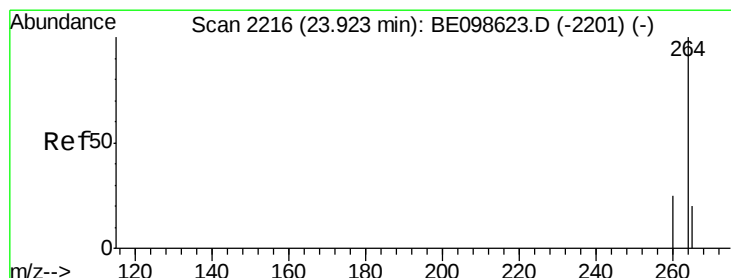
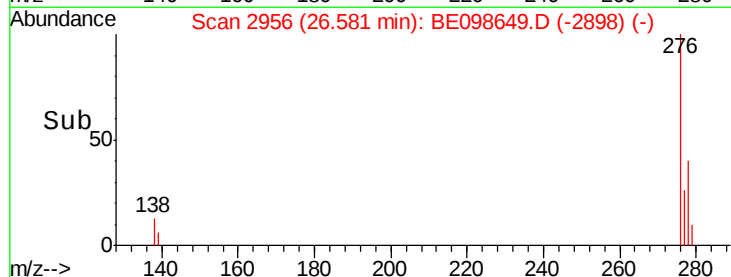
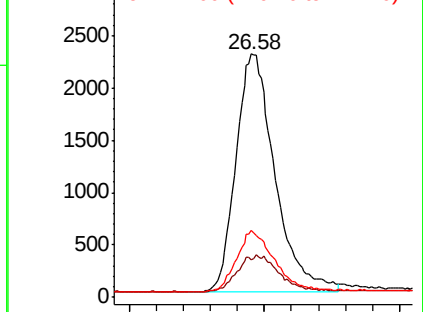
276 100

138 5.9 13.3 19.9#

277 24.4 19.4 29.0



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: 23.93 min Scan# 2218

Delta R.T. 0.01 min

Lab File: BE098649.D

Acq: 17 Jan 2019 12:58

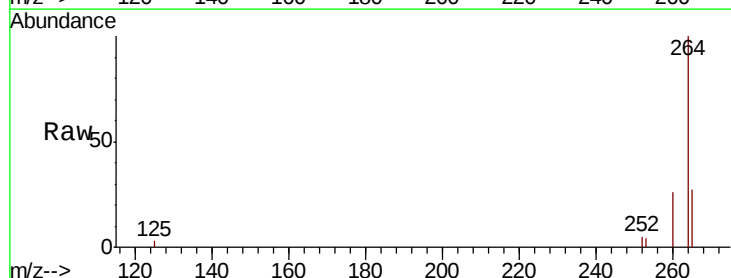
Tgt Ion:264 Resp: 8020

Ion Ratio Lower Upper

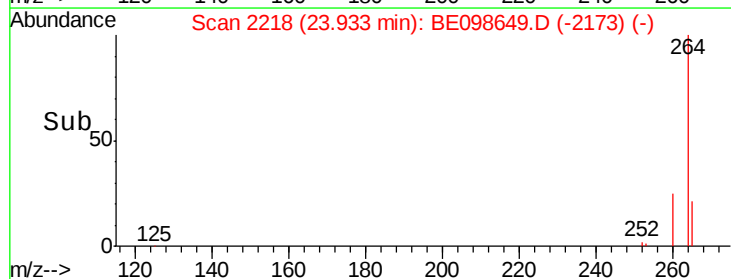
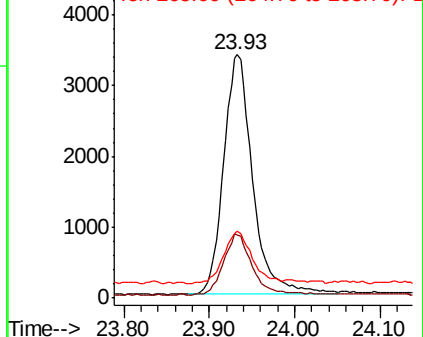
264 100

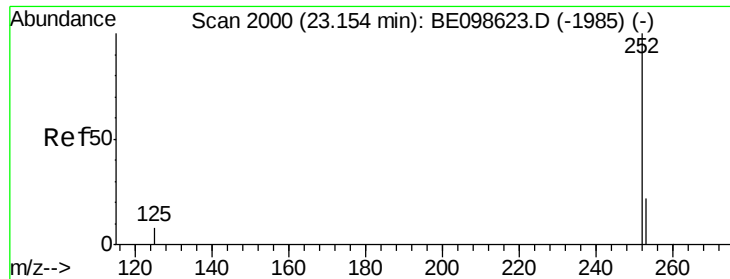
260 25.8 20.5 30.7

265 27.3 22.3 33.5



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

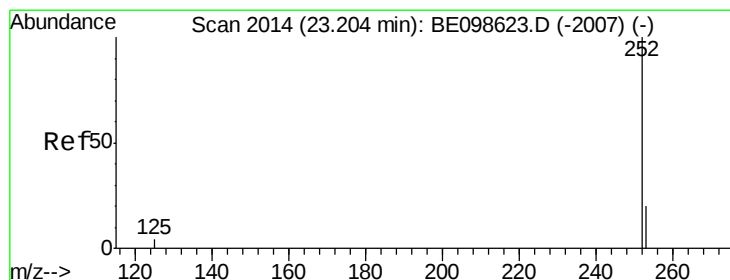
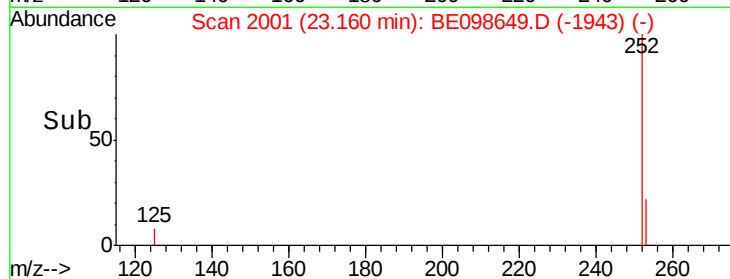
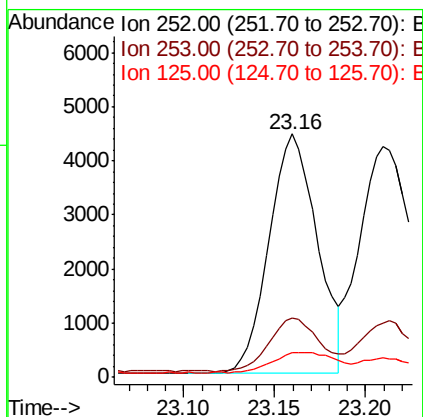
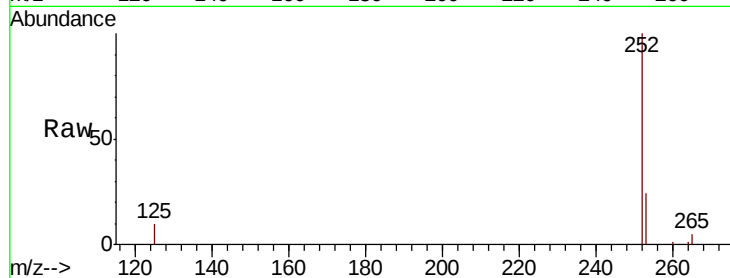




#35
Benzo(b)fluoranthene
Concen: 0.372 ng
RT: 23.16 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

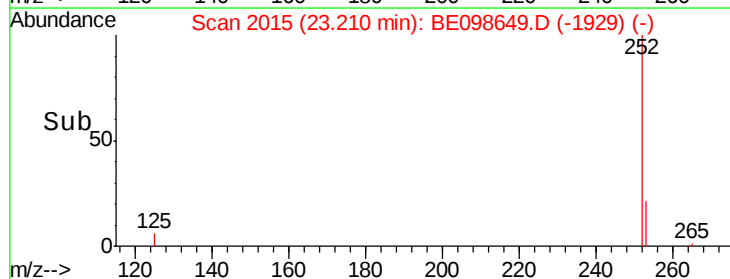
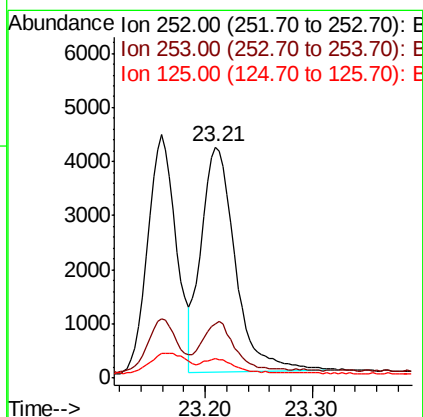
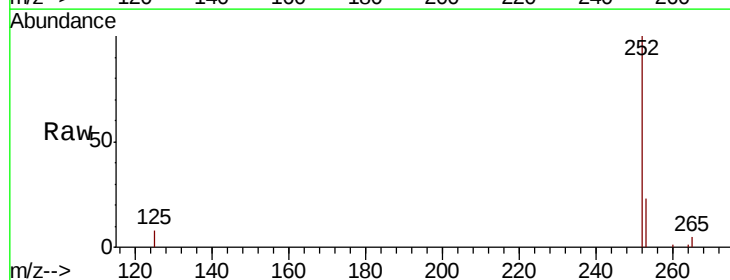
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

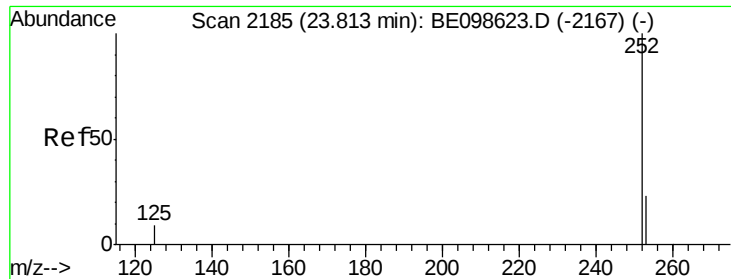
Tot Ion:252 Resp: 8141
Ion Ratio Lower Upper
252 100
253 24.4 19.4 29.0
125 10.0 8.2 12.4



#36
Benzo(k)fluoranthene
Concen: 0.382 ng
RT: 23.21 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BE098649.D
Acq: 17 Jan 2019 12:58

Tgt Ion:252 Resp: 9133
Ion Ratio Lower Upper
252 100
253 23.3 19.0 28.4
125 8.3 7.0 10.4





#37

Benzo(a)pyrene

Concen: 0.371 ng

RT: 23.82 min Scan# 2186

Delta R.T. 0.01 min

Lab File: BE098649.D

Acq: 17 Jan 2019 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

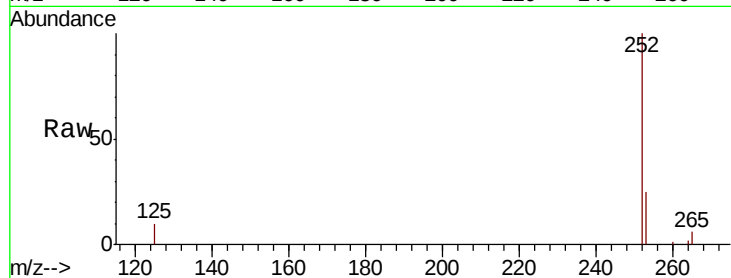
Tot Ion:252 Resp: 7971

Ion Ratio Lower Upper

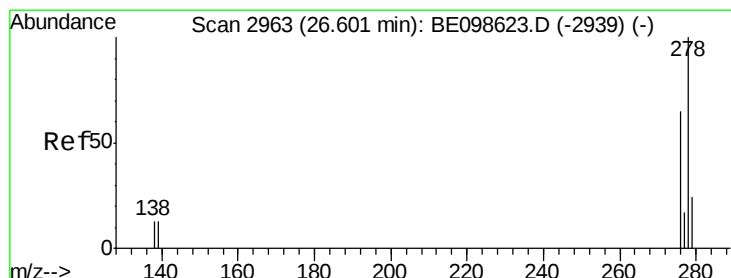
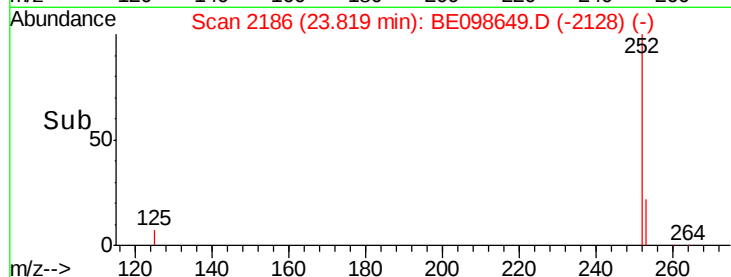
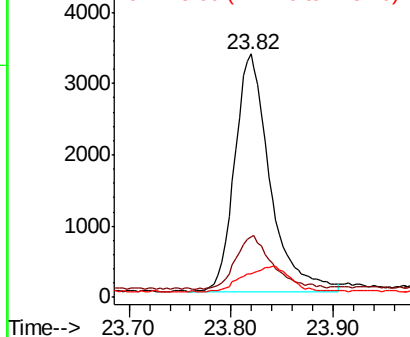
252 100

253 24.6 21.0 31.4

125 9.6 9.2 13.8



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: 0.397 ng

RT: 26.61 min Scan# 2964

Delta R.T. 0.01 min

Lab File: BE098649.D

Acq: 17 Jan 2019 12:58

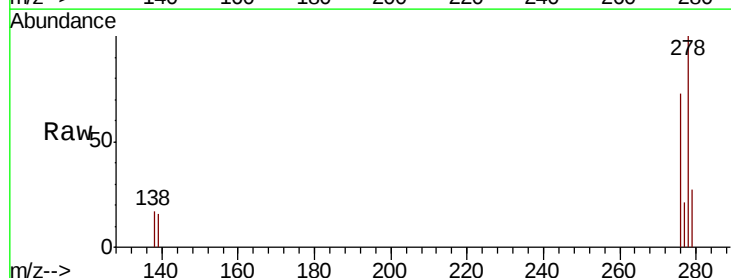
Tgt Ion:278 Resp: 7549

Ion Ratio Lower Upper

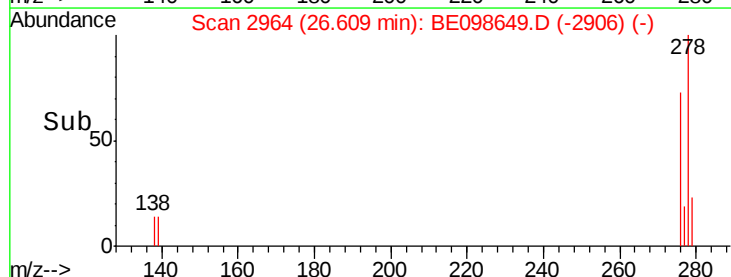
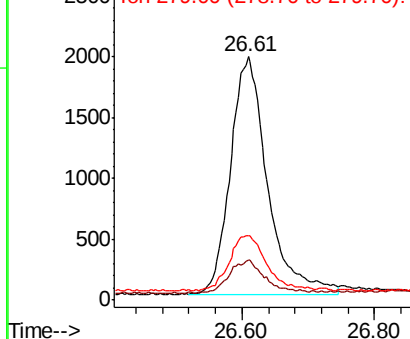
278 100

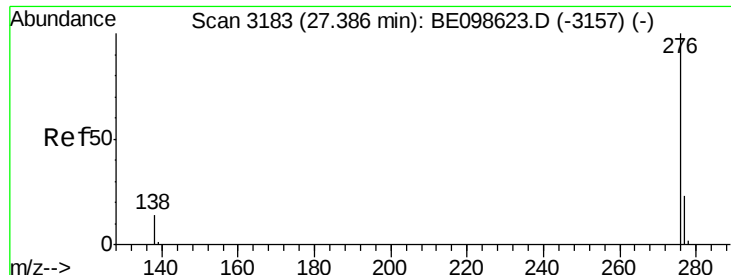
139 16.4 12.7 19.1

279 26.6 22.0 33.0



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: 0.379 ng

RT: 27.39 min Scan# 3184

Delta R.T. 0.01 min

Lab File: BE098649.D

Acq: 17 Jan 2019 12:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

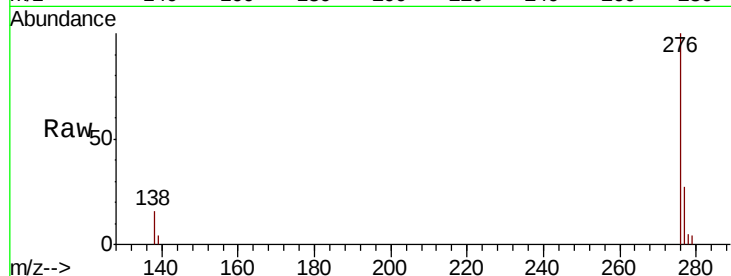
Tot Ion:276 Resp: 7915

Ion Ratio Lower Upper

276 100

277 27.3 20.3 30.5

138 16.2 13.3 19.9



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

