

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE011819\
 Data File : BE098663.D
 Acq On : 18 Jan 2019 8:34
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jan 18 11:37:44 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	7.81	152	934	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	4428	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	3029	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	7286	0.40	ng	0.00
27) Chrysene-d12	21.41	240	8384	0.40	ng	0.00
34) Perylene-d12	23.93	264	8033	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	987	0.40	ng	0.00
5) Phenol-d6	6.99	99	1405	0.40	ng	0.00
8) Nitrobenzene-d5	8.98	82	1512	0.43	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	2666	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	509	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	4188	0.34	ng	0.01
25) Fluoranthene-d10	19.26	212	32585	0.36	ng	0.00
29) Terphenyl-d14	19.86	244	6576	0.35	ng	0.00

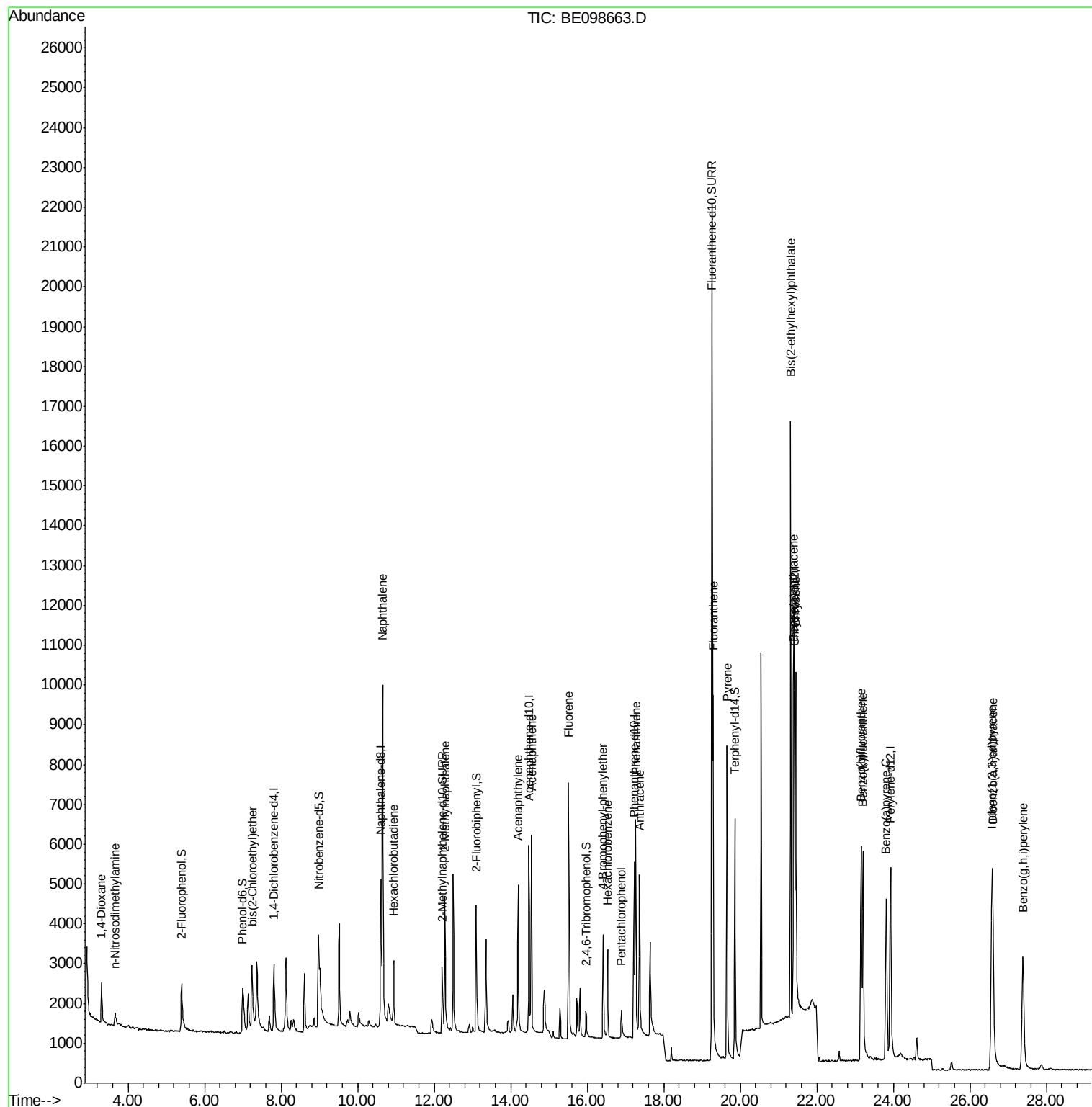
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	686	0.398	ng	96
3) n-Nitrosodimethylamine	3.65	42	461	0.360	ng	# 92
6) bis(2-Chloroethyl)ether	7.24	93	985	0.367	ng	88
9) Naphthalene	10.65	128	16077	0.365	ng	100
10) Hexachlorobutadiene	10.94	225	1254	0.397	ng	96
12) 2-Methylnaphthalene	12.28	142	2637	0.361	ng	93
16) Acenaphthylene	14.20	152	4621	0.352	ng	99
17) Acenaphthene	14.54	154	2899	0.352	ng	97
18) Fluorene	15.51	166	3891	0.363	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	1338	0.347	ng	# 84
21) Hexachlorobenzene	16.53	284	1669	0.358	ng	95
22) Pentachlorophenol	16.89	266	554	0.491	ng	94
23) Phenanthrene	17.27	178	6148	0.356	ng	99
24) Anthracene	17.36	178	4913	0.332	ng	99
26) Fluoranthene	19.29	202	7887	0.355	ng	99
28) Pyrene	19.65	202	8176	0.354	ng	99
30) Benzo(a)anthracene	21.39	228	8057	0.358	ng	98
31) Chrysene	21.45	228	8323	0.356	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	15546	0.325	ng	100
33) Indeno(1,2,3-cd)pyrene	26.57	276	8997	0.373	ng	99
35) Benzo(b)fluoranthene	23.15	252	7737	0.353	ng	98
36) Benzo(k)fluoranthene	23.20	252	9085	0.379	ng	99
37) Benzo(a)pyrene	23.81	252	7827	0.364	ng	97
38) Dibenzo(a,h)anthracene	26.59	278	7380	0.387	ng	97
39) Benzo(g,h,i)perylene	27.39	276	7614	0.364	ng	98

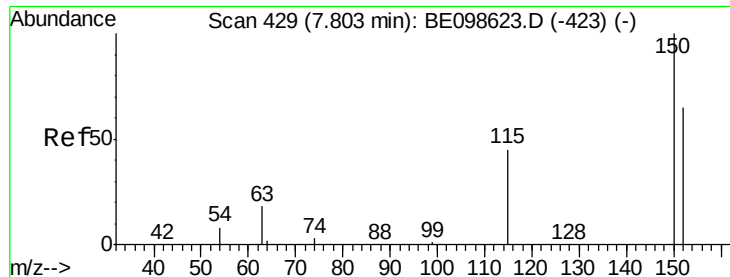
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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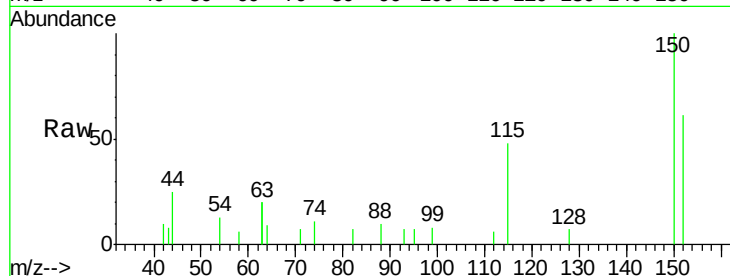


#1

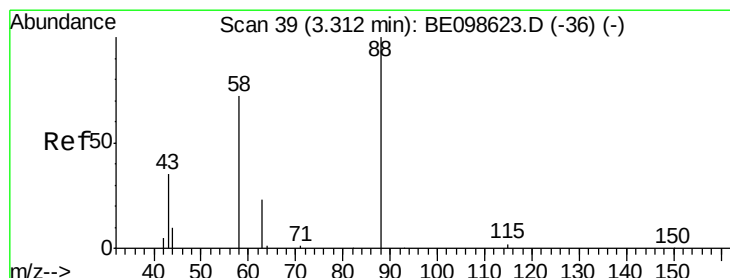
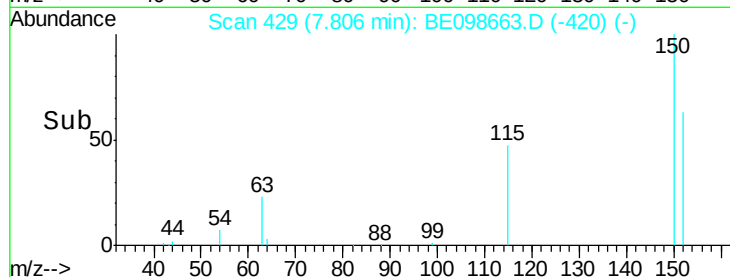
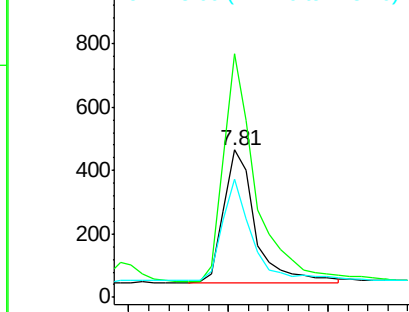
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098663.D
Acq: 18 Jan 2019 8:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 152 Resp: 934
Ion Ratio Lower Upper
152 100
150 165.2 121.4 182.2
115 79.8 59.1 88.7



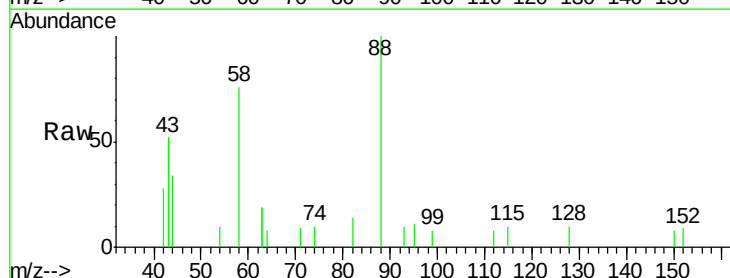
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



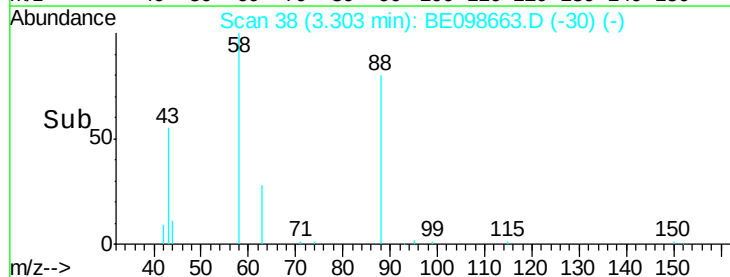
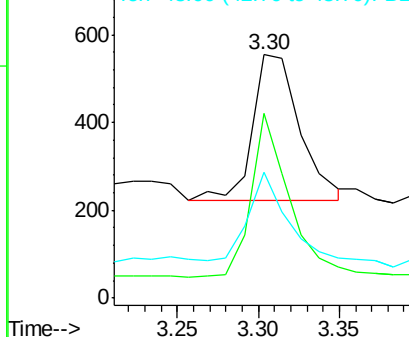
#2

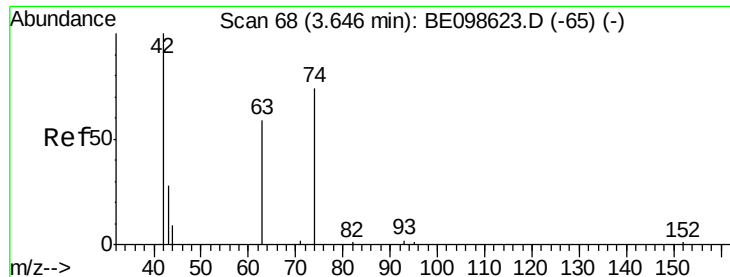
1,4-Dioxane
Concen: 0.398 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.01 min
Lab File: BE098663.D
Acq: 18 Jan 2019 8:34

Tgt Ion: 88 Resp: 686
Ion Ratio Lower Upper
88 100
58 90.2 73.9 110.9
43 49.3 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

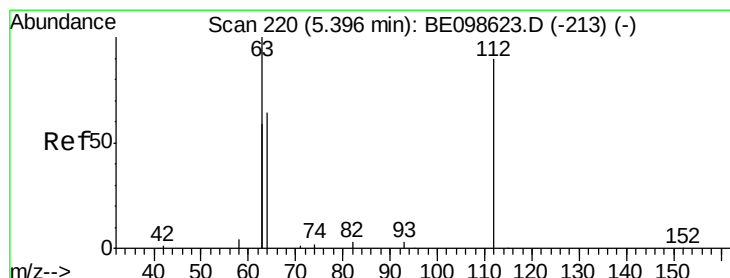
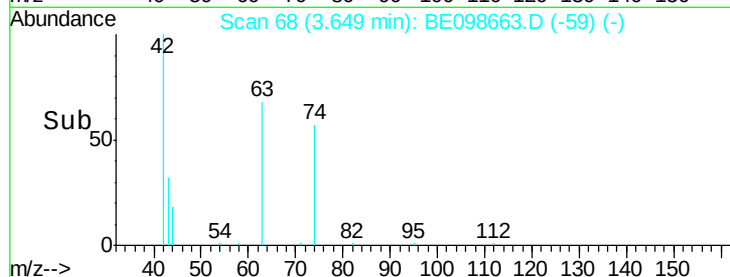
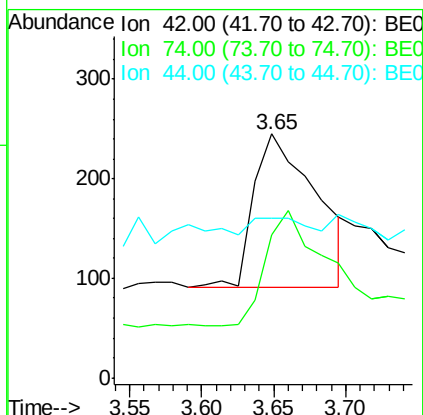
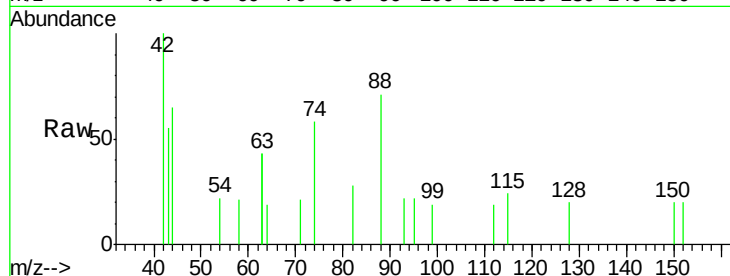




#3
 n-Nitrosodimethylamine
 Concen: 0.360 ng
 RT: 3.65 min Scan# 68
 Delta R.T. 0.00 min
 Lab File: BE098663.D
 Acq: 18 Jan 2019 8:34

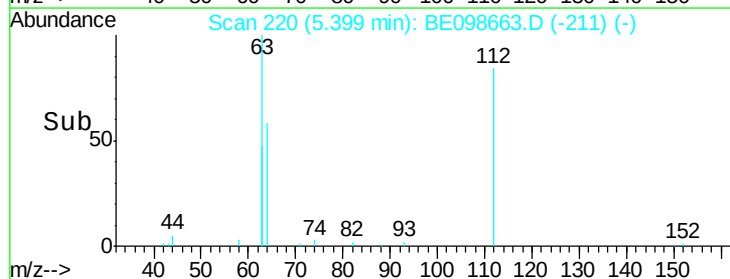
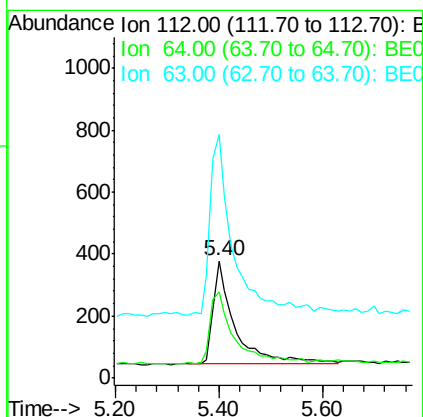
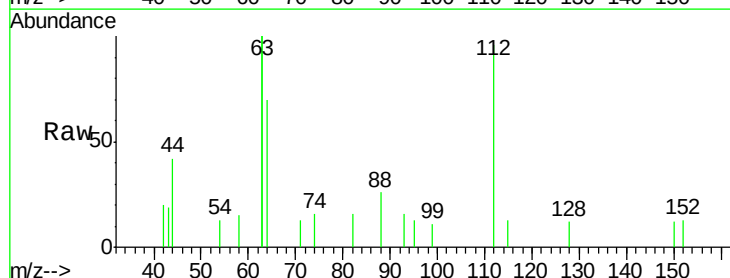
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

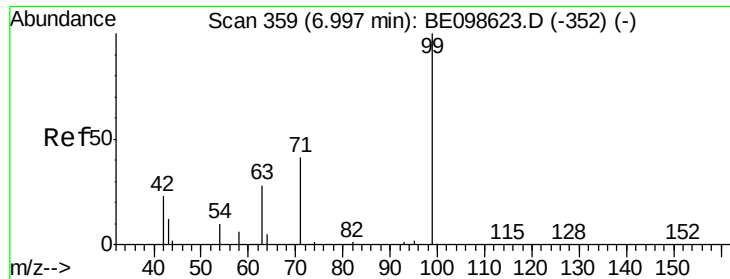
Tgt Ion: 42 Resp: 461
 Ion Ratio Lower Upper
 42 100
 74 67.2 58.9 88.3
 44 0.0 0.0 0.0



#4
 2-Fluorophenol
 Concen: 0.396 ng
 RT: 5.40 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: BE098663.D
 Acq: 18 Jan 2019 8:34

Tgt Ion: 112 Resp: 987
 Ion Ratio Lower Upper
 112 100
 64 76.9 62.9 94.3
 63 186.1 152.2 228.4





#5

Phenol-d6

Concen: 0.396 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.01 min

Lab File: BE098663.D

Acq: 18 Jan 2019 8:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

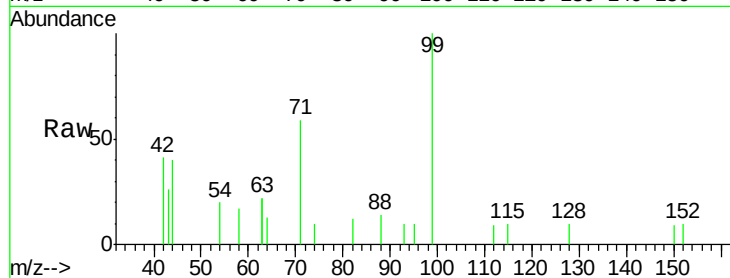
Tgt Ion: 99 Resp: 1405

Ion Ratio Lower Upper

99 100

42 32.4 24.6 37.0

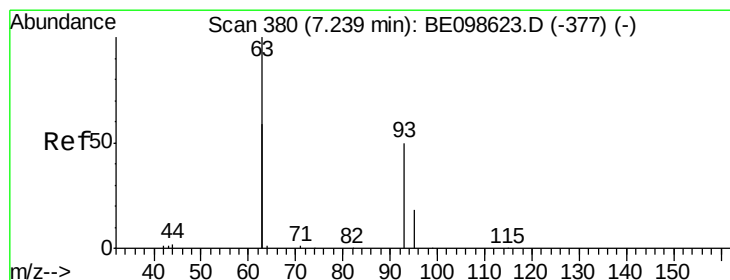
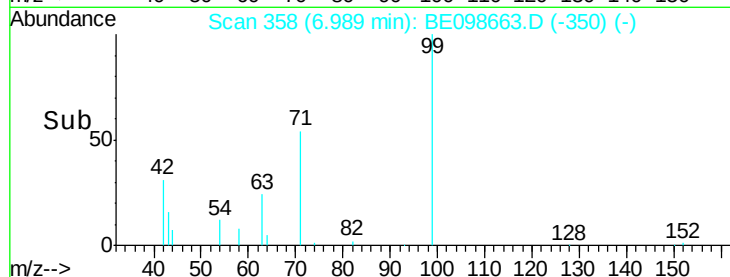
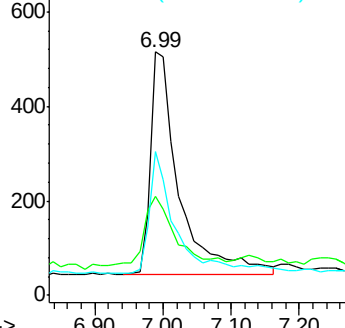
71 51.9 35.1 52.7



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: 0.367 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE098663.D

Acq: 18 Jan 2019 8:34

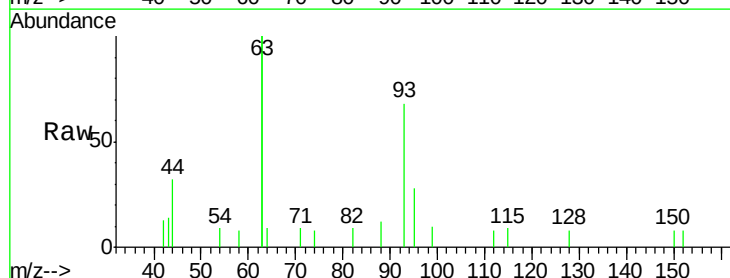
Tgt Ion: 93 Resp: 985

Ion Ratio Lower Upper

93 100

63 306.8 267.3 400.9

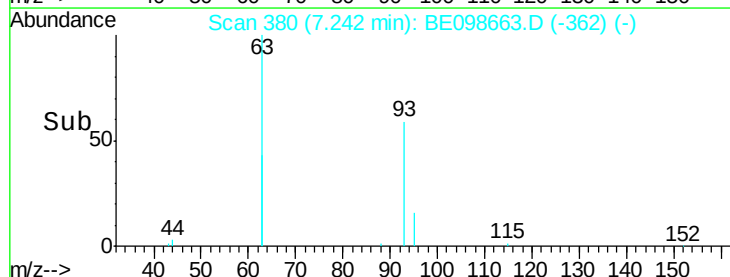
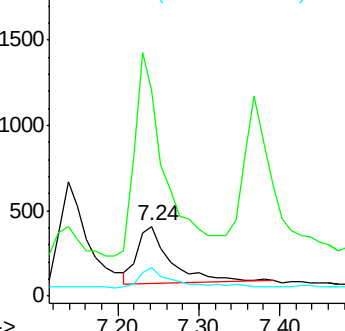
95 36.6 26.2 39.4

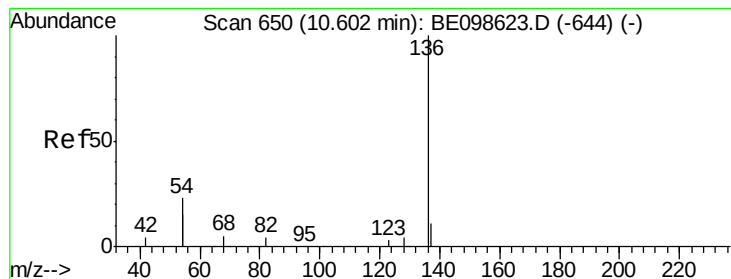


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE098663.D

Acq: 18 Jan 2019 8:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 4428

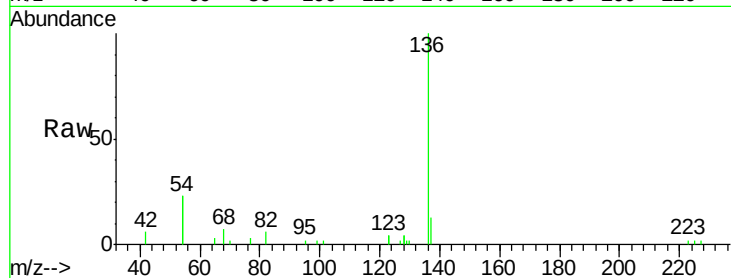
Ion Ratio Lower Upper

136 100

137 12.6 9.7 14.5

54 45.8 35.5 53.3

68 6.6 5.0 7.6

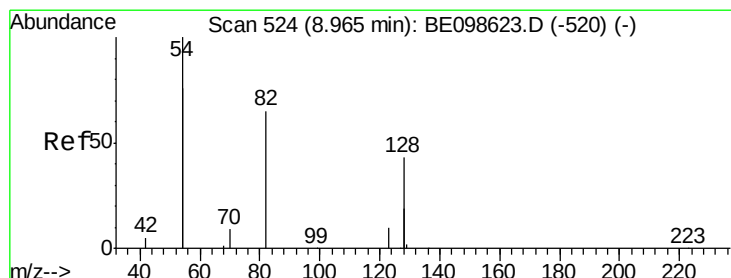
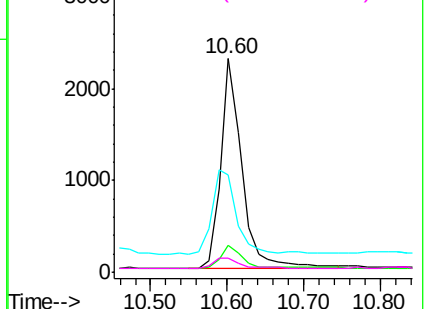
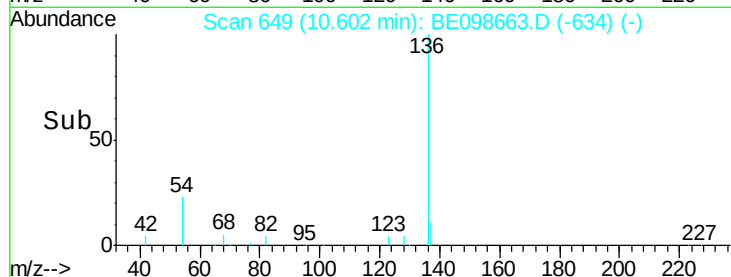


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.431 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098663.D

Acq: 18 Jan 2019 8:34

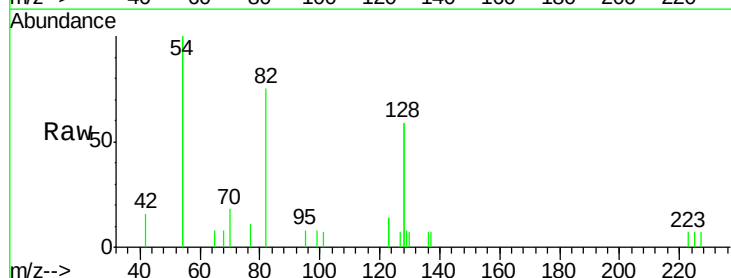
Tgt Ion: 82 Resp: 1512

Ion Ratio Lower Upper

82 100

128 155.7 96.5 144.7#

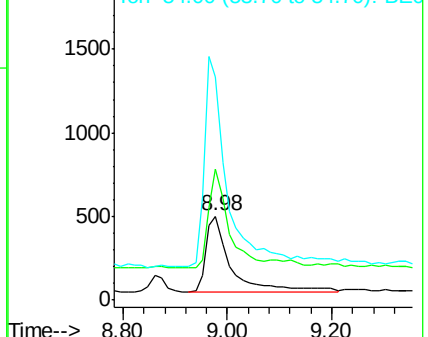
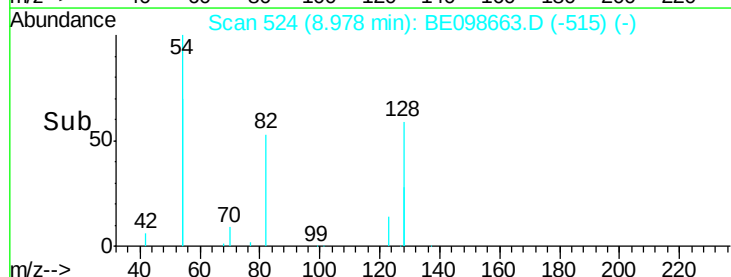
54 265.9 224.7 337.1

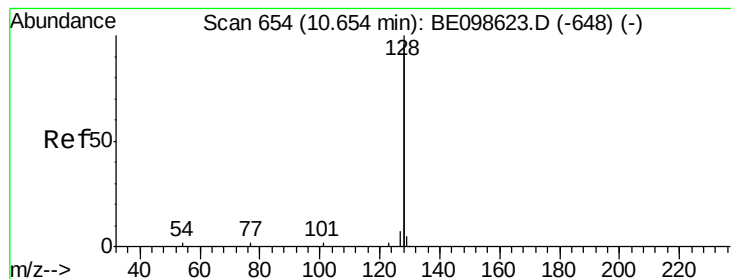


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.365 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE098663.D

Acq: 18 Jan 2019 8:34

Instrument :

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ClientSampleId :

SSTDCCC0.4

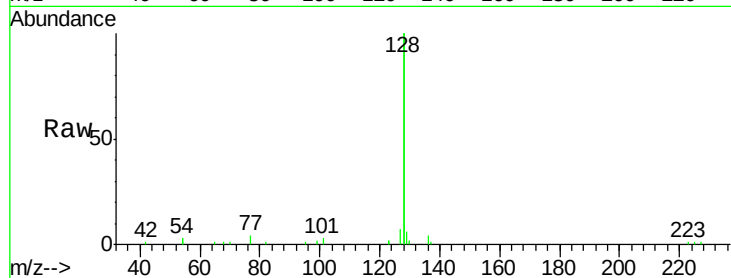
Tgt Ion:128 Resp: 16077

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

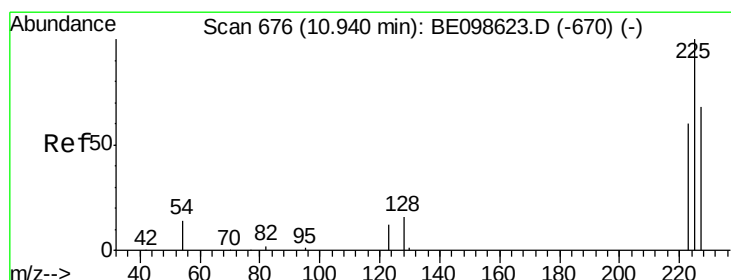
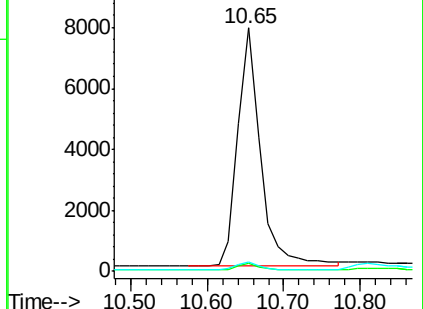
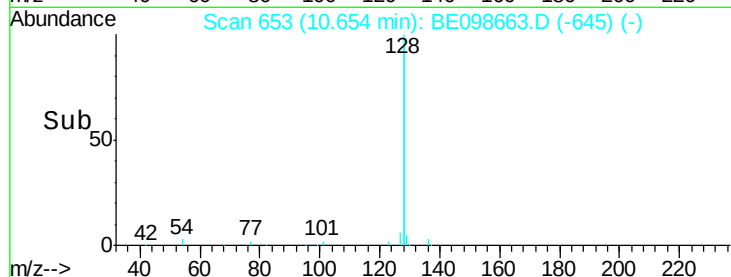
127 3.7 3.0 4.6



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: 0.397 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE098663.D

Acq: 18 Jan 2019 8:34

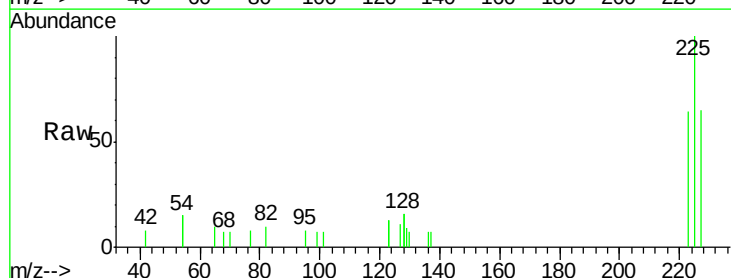
Tgt Ion:225 Resp: 1254

Ion Ratio Lower Upper

225 100

223 63.4 47.8 71.8

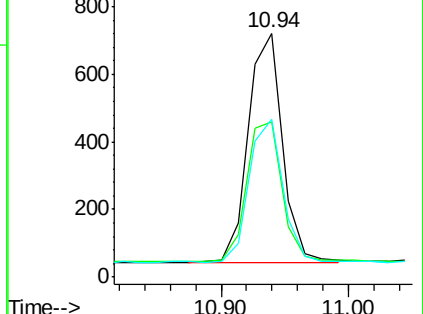
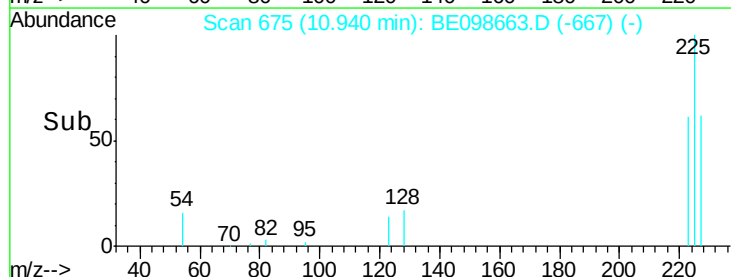
227 60.8 50.5 75.7

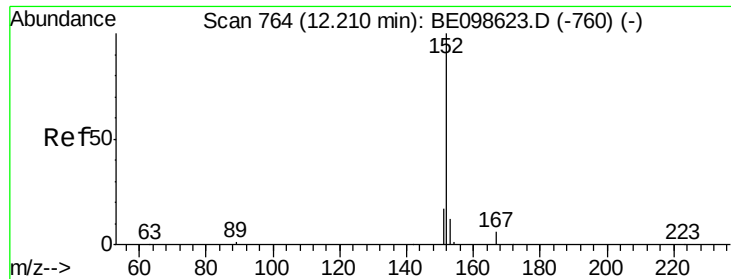


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

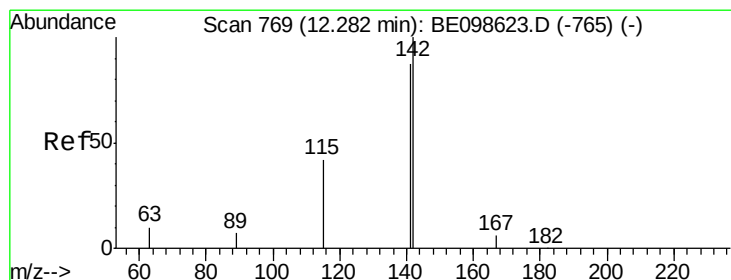
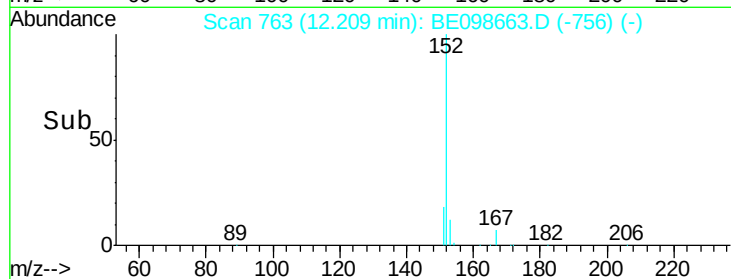
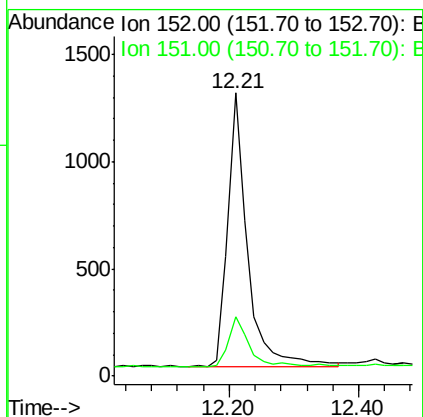
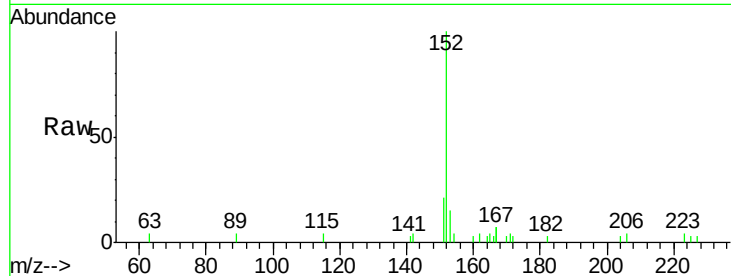




#11
 2-Methylnaphthalene-d10
 Concen: 0.366 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE098663.D
 Acq: 18 Jan 2019 8:34

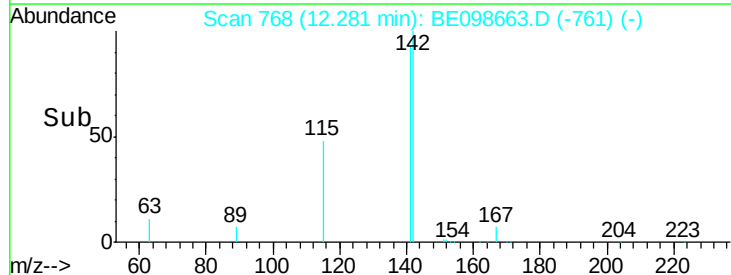
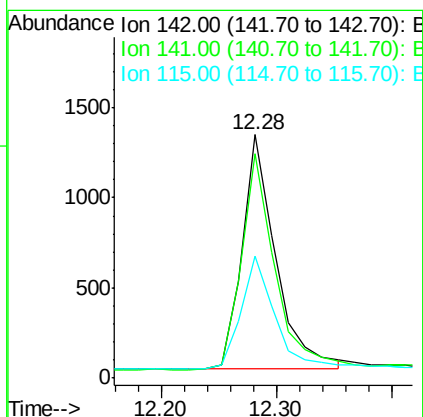
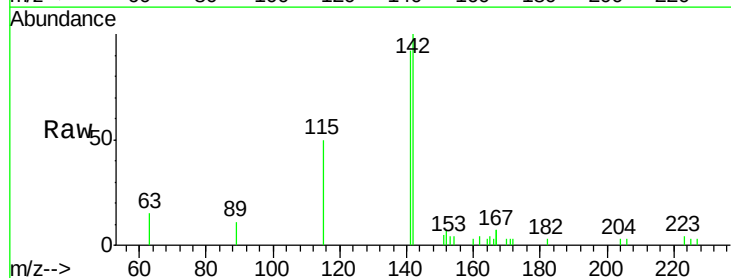
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

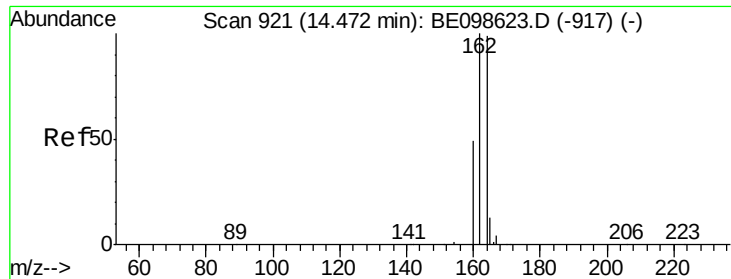
Tgt Ion:152 Resp: 2666
 Ion Ratio Lower Upper
 152 100
 151 18.6 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 0.361 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BE098663.D
 Acq: 18 Jan 2019 8:34

Tgt Ion:142 Resp: 2637
 Ion Ratio Lower Upper
 142 100
 141 92.4 70.0 105.0
 115 50.1 35.2 52.8

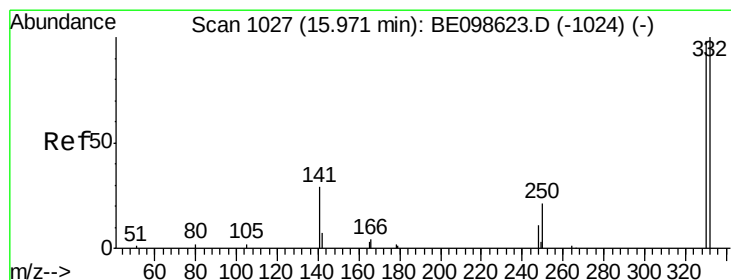
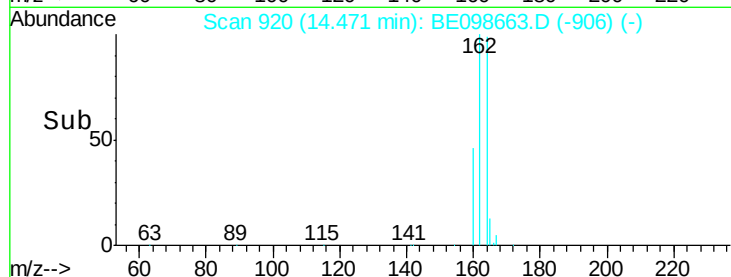
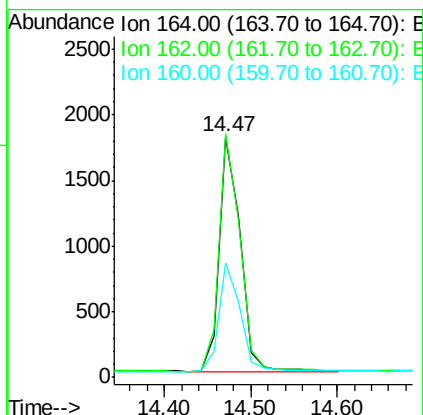
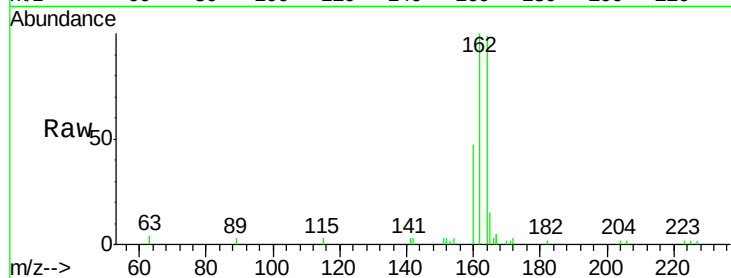




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE098663.D
 Acq: 18 Jan 2019 8:34

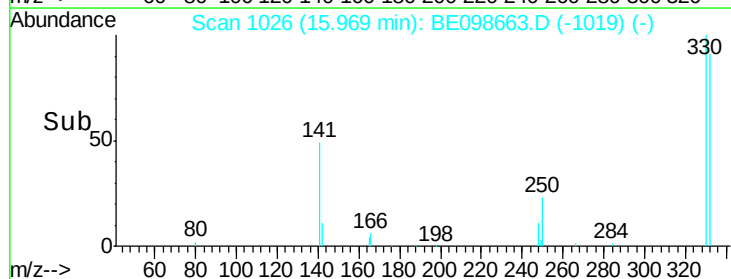
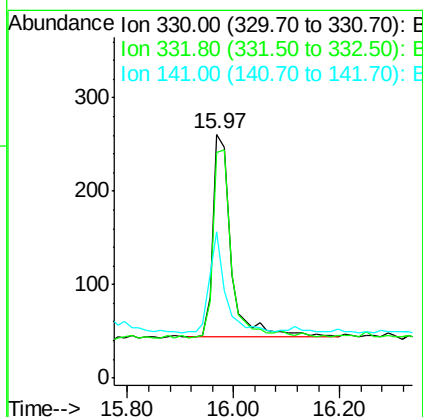
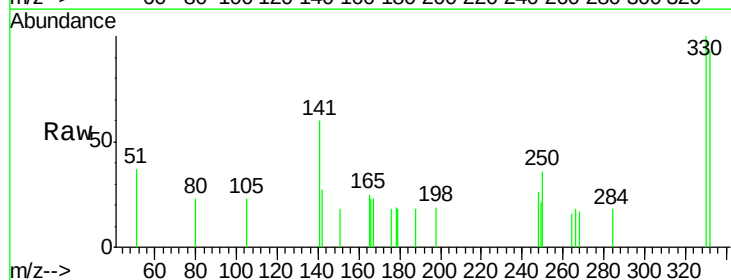
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

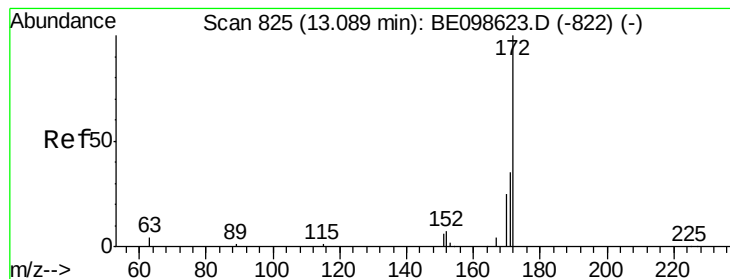
Tgt Ion:164 Resp: 3029
 Ion Ratio Lower Upper
 164 100
 162 101.5 80.5 120.7
 160 47.8 40.1 60.1



#14
 2,4,6-Tribromophenol
 Concen: 0.386 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098663.D
 Acq: 18 Jan 2019 8:34

Tgt Ion:330 Resp: 509
 Ion Ratio Lower Upper
 330 100
 332 91.7 73.3 109.9
 141 45.2 33.1 49.7





#15

2-Fluorobiphenyl

Concen: 0.338 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.01 min

Lab File: BE098663.D

Acq: 18 Jan 2019 8:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

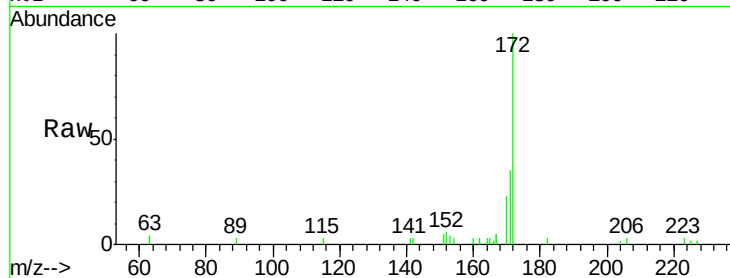
Tgt Ion:172 Resp: 4188

Ion Ratio Lower Upper

172 100

171 34.6 29.0 43.4

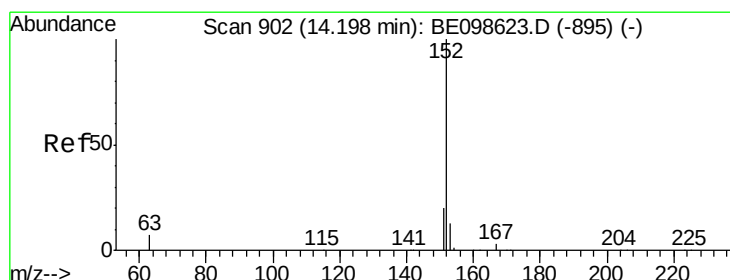
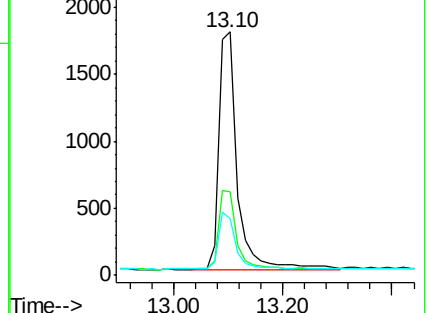
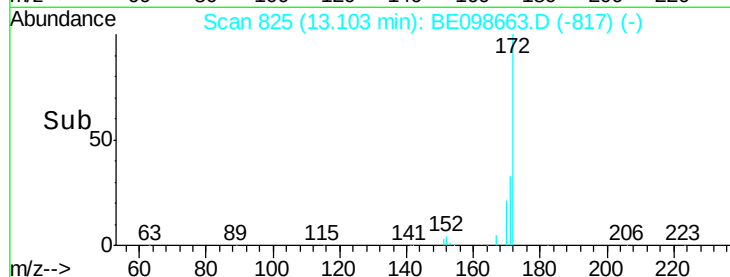
170 23.2 20.8 31.2



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: 0.352 ng

RT: 14.20 min Scan# 901

Delta R.T. -0.00 min

Lab File: BE098663.D

Acq: 18 Jan 2019 8:34

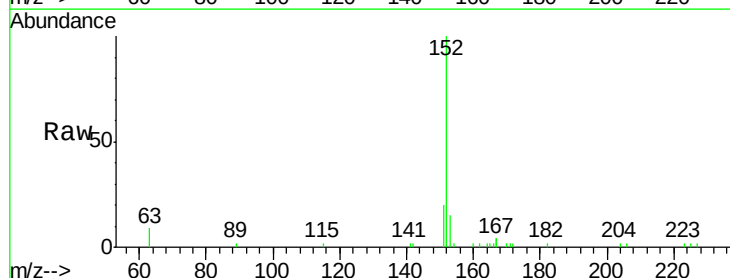
Tgt Ion:152 Resp: 4621

Ion Ratio Lower Upper

152 100

151 20.0 16.3 24.5

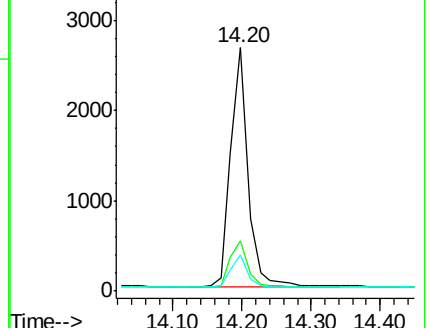
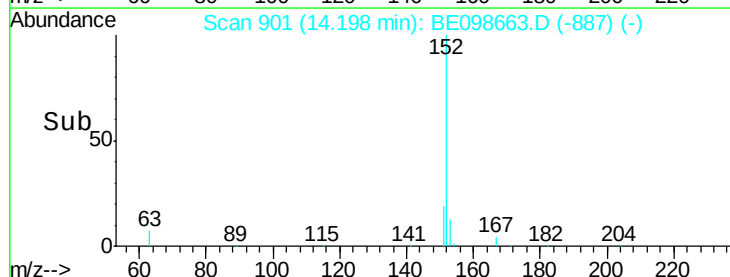
153 12.9 10.7 16.1

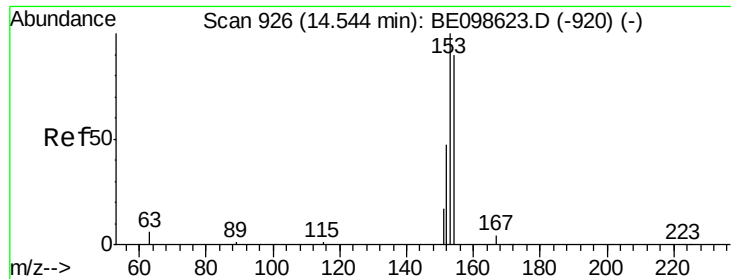


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

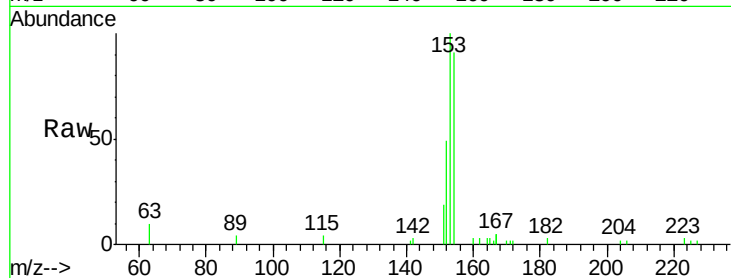




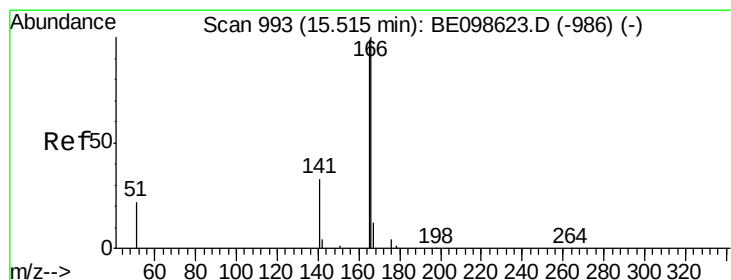
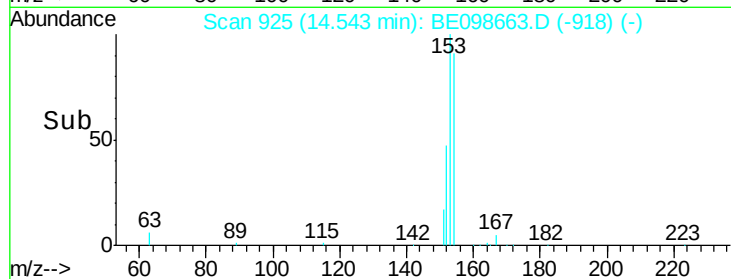
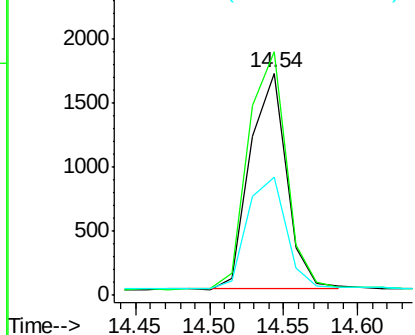
#17
Acenaphthene
Concen: 0.352 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE098663.D
Acq: 18 Jan 2019 8:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 2899
Ion Ratio Lower Upper
154 100
153 114.4 93.9 140.9
152 55.7 45.8 68.8

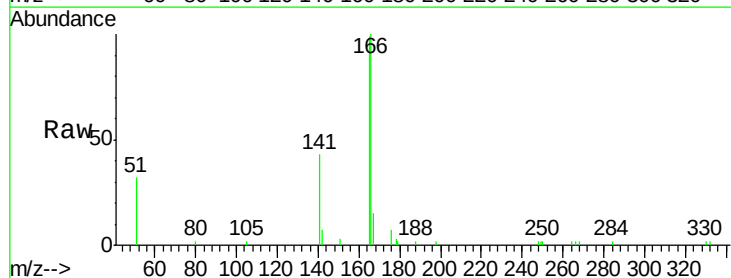


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

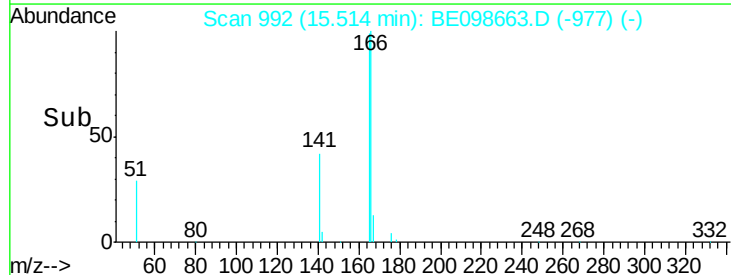
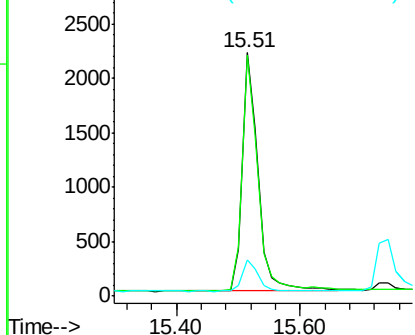


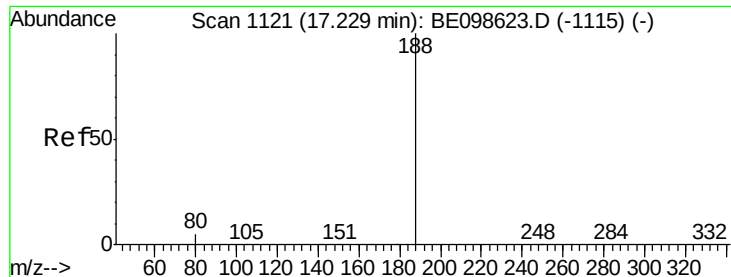
#18
Fluorene
Concen: 0.363 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE098663.D
Acq: 18 Jan 2019 8:34

Tgt Ion:166 Resp: 3891
Ion Ratio Lower Upper
166 100
165 99.3 79.3 118.9
167 13.8 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: BE098663.D

Acq: 18 Jan 2019 8:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

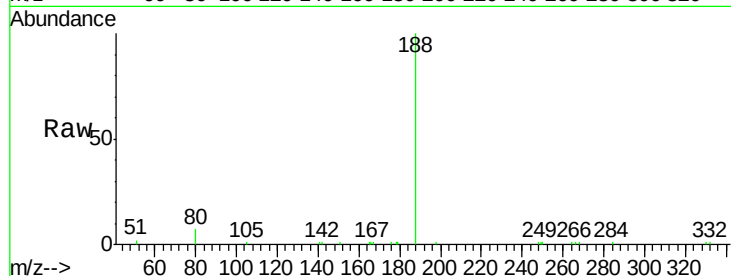
Tgt Ion:188 Resp: 7286

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

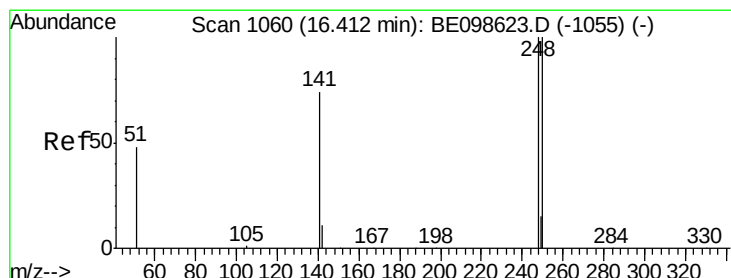
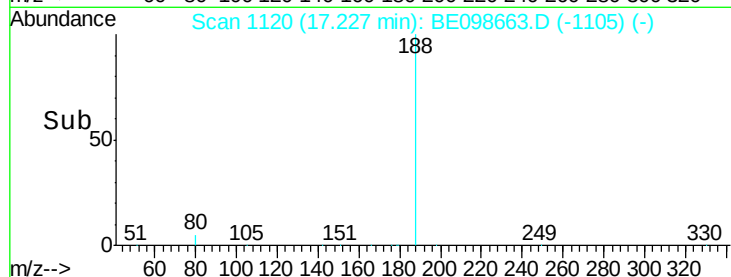
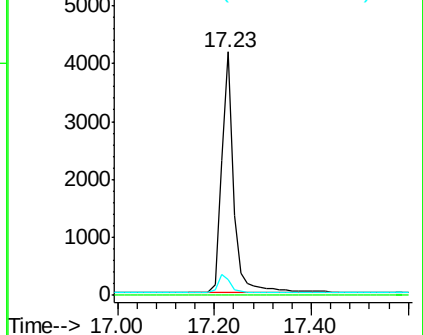
80 6.5 4.7 7.1



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: 0.347 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE098663.D

Acq: 18 Jan 2019 8:34

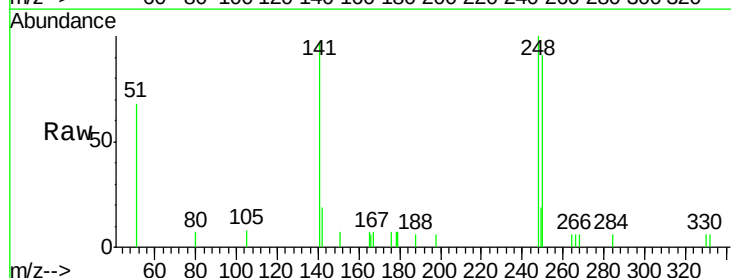
Tgt Ion:248 Resp: 1338

Ion Ratio Lower Upper

248 100

250 91.2 80.2 120.4

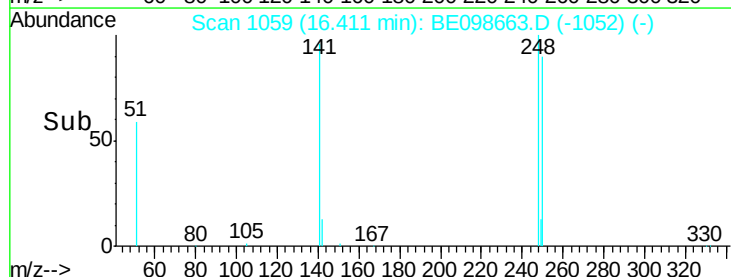
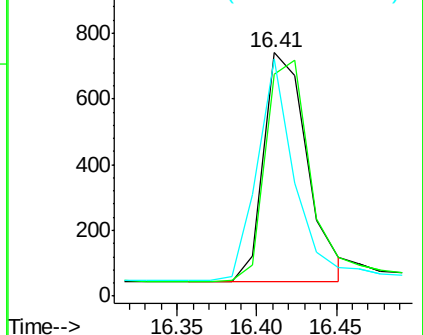
141 97.2 60.5 90.7#

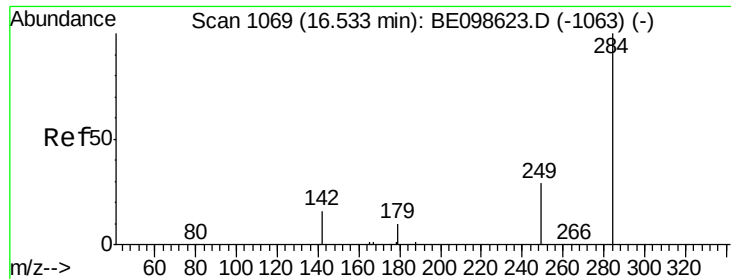


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

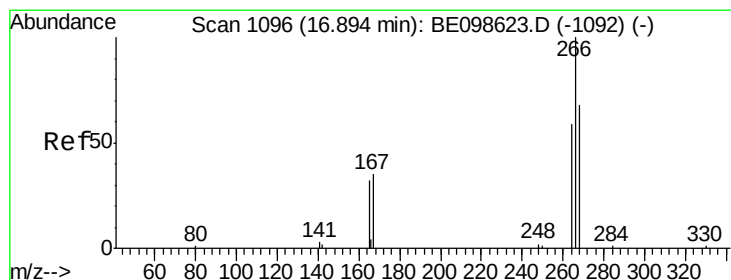
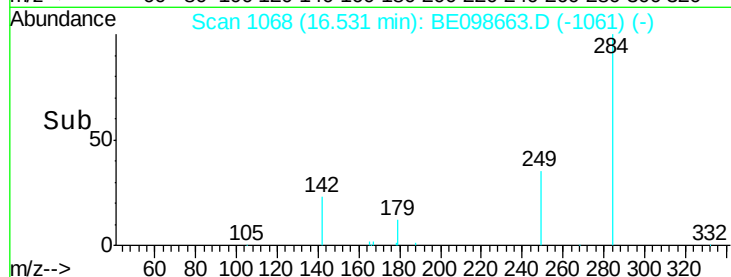
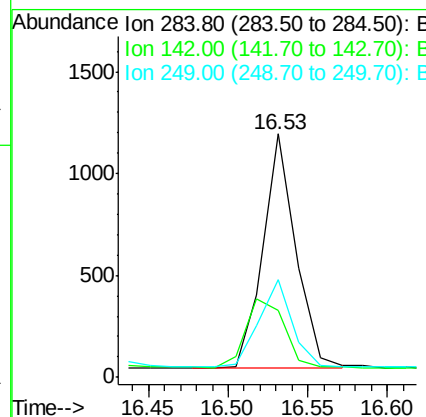
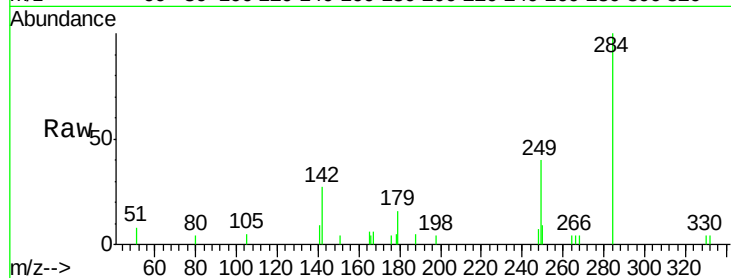




#21
Hexachlorobenzene
Concen: 0.358 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE098663.D
Acq: 18 Jan 2019 8:34

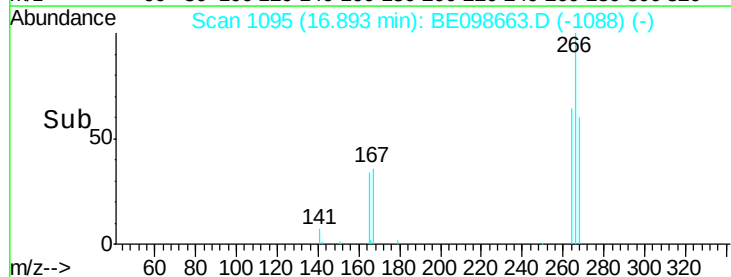
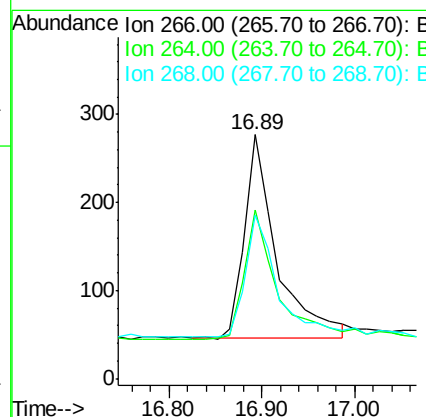
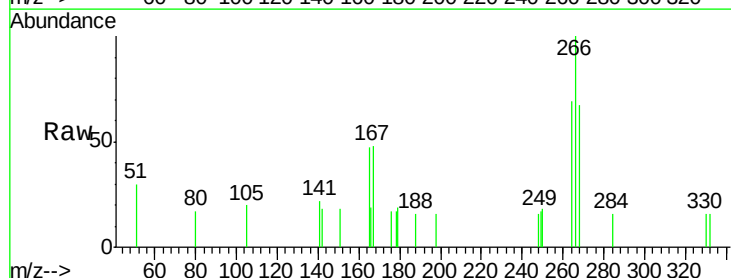
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

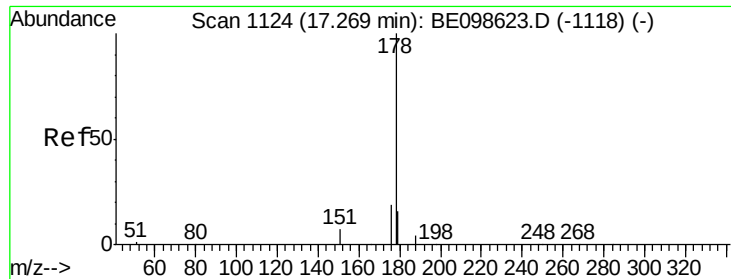
Tgt Ion: 284 Resp: 1669
Ion Ratio Lower Upper
284 100
142 33.4 25.5 38.3
249 37.7 26.6 39.8



#22
Pentachlorophenol
Concen: 0.491 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE098663.D
Acq: 18 Jan 2019 8:34

Tgt Ion: 266 Resp: 554
Ion Ratio Lower Upper
266 100
264 69.3 53.7 80.5
268 67.1 59.8 89.8





#23

Phenanthrene

Concen: 0.356 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE098663.D

Acq: 18 Jan 2019 8:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

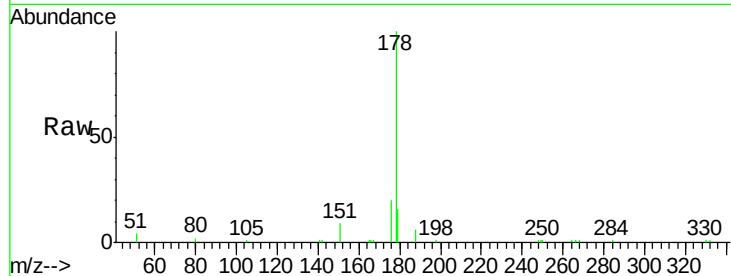
Tgt Ion:178 Resp: 6148

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

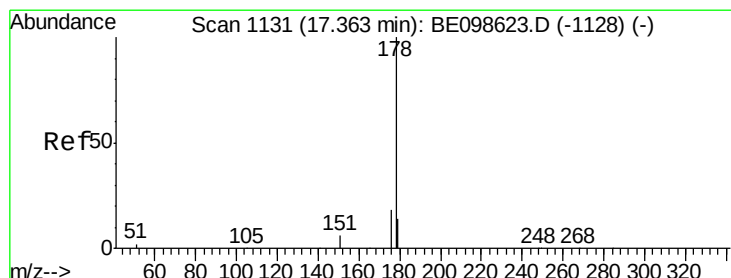
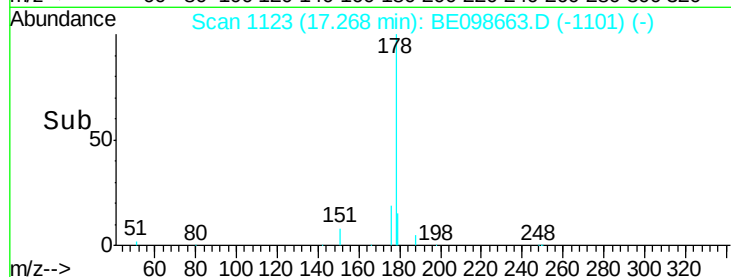
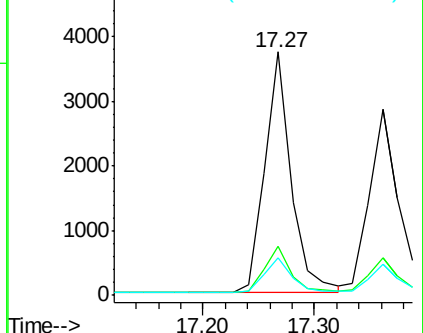
179 14.9 12.2 18.4



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: 0.332 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE098663.D

Acq: 18 Jan 2019 8:34

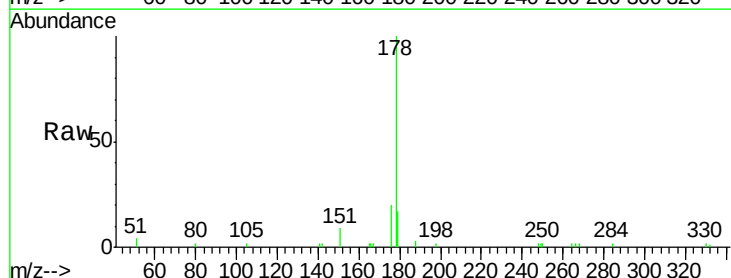
Tgt Ion:178 Resp: 4913

Ion Ratio Lower Upper

178 100

176 19.1 14.9 22.3

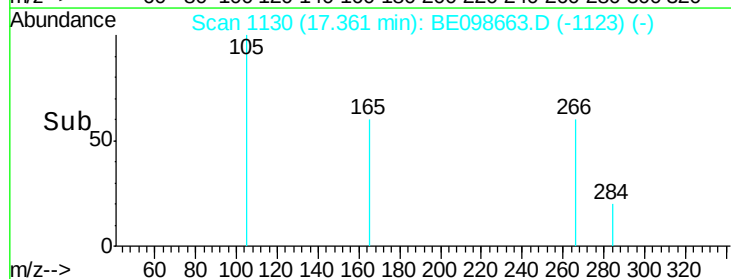
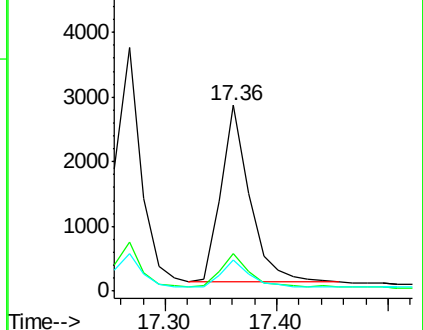
179 15.3 11.8 17.8

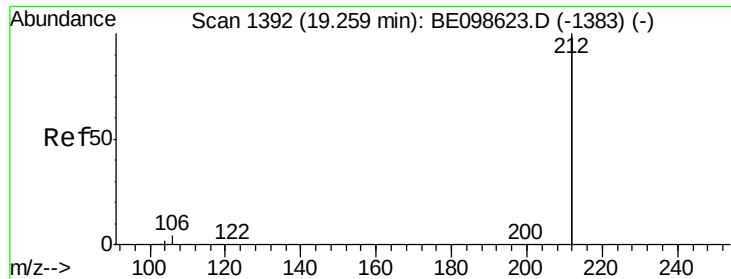


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.361 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE098663.D

Acq: 18 Jan 2019 8:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

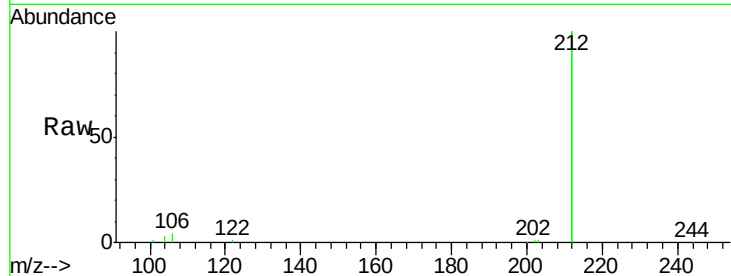
Tgt Ion:212 Resp: 32585

Ion Ratio Lower Upper

212 100

106 1.9 1.7 2.5

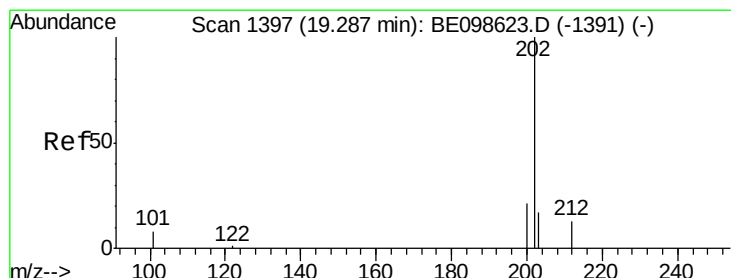
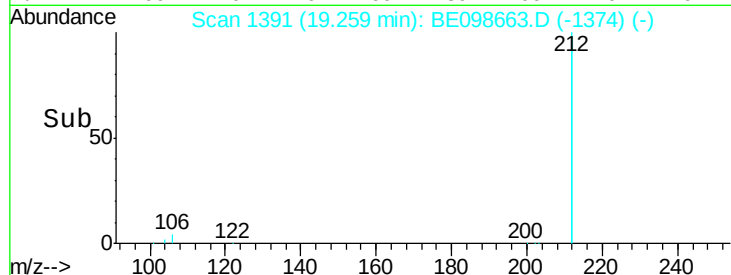
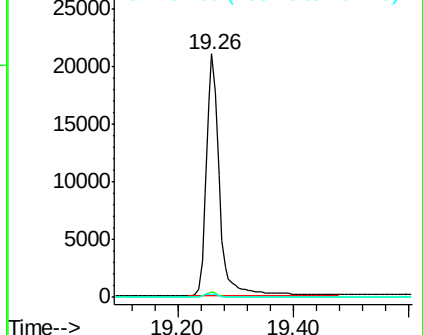
104 1.2 1.0 1.6



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: 0.355 ng

RT: 19.29 min Scan# 1396

Delta R.T. 0.00 min

Lab File: BE098663.D

Acq: 18 Jan 2019 8:34

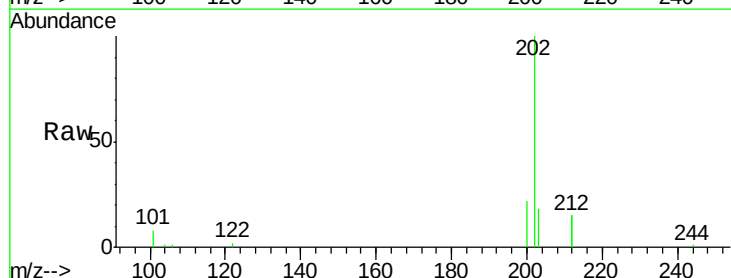
Tgt Ion:202 Resp: 7887

Ion Ratio Lower Upper

202 100

101 7.6 6.7 10.1

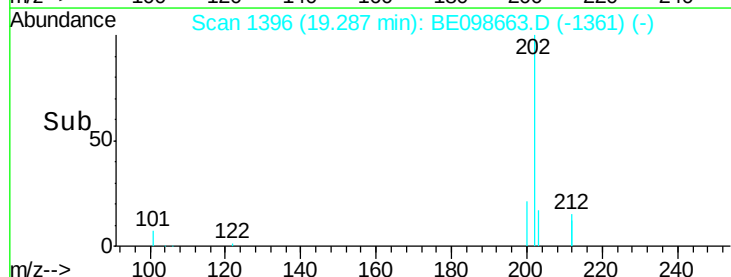
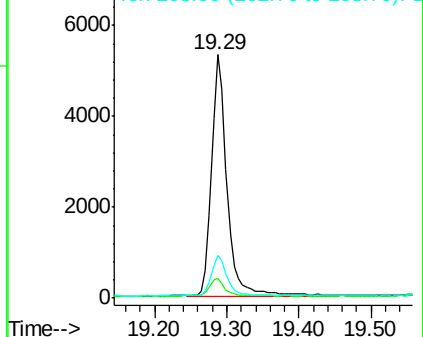
203 16.6 13.3 19.9

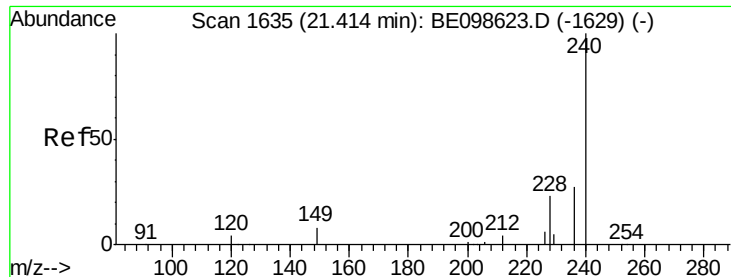


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE098663.D

Acq: 18 Jan 2019 8:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

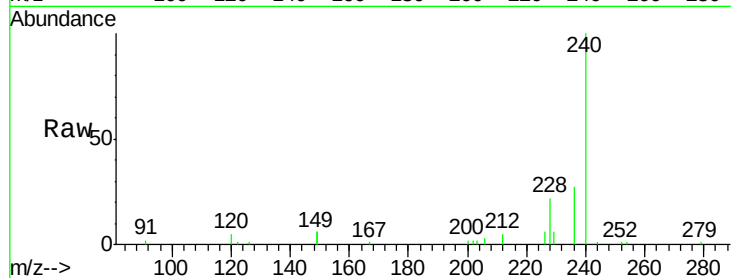
Tgt Ion:240 Resp: 8384

Ion Ratio Lower Upper

240 100

120 4.5 4.7 7.1#

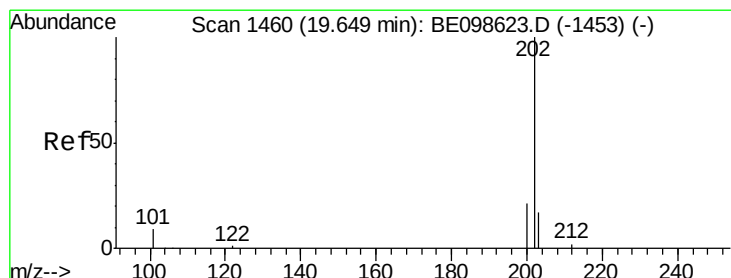
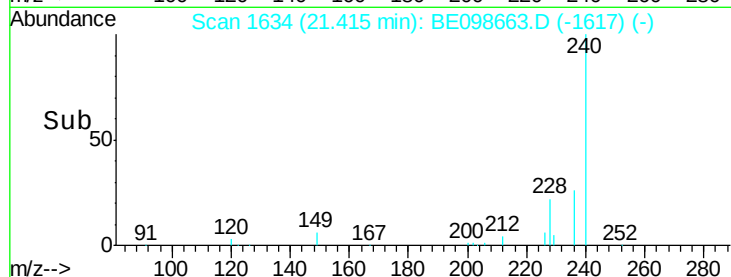
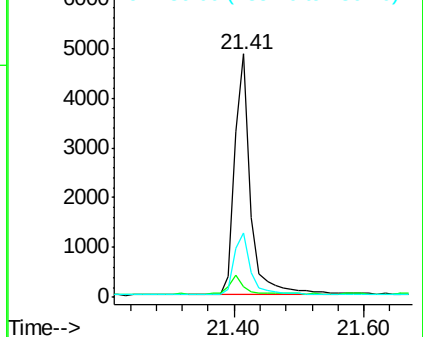
236 26.6 21.9 32.9



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: 0.354 ng

RT: 19.65 min Scan# 1459

Delta R.T. 0.00 min

Lab File: BE098663.D

Acq: 18 Jan 2019 8:34

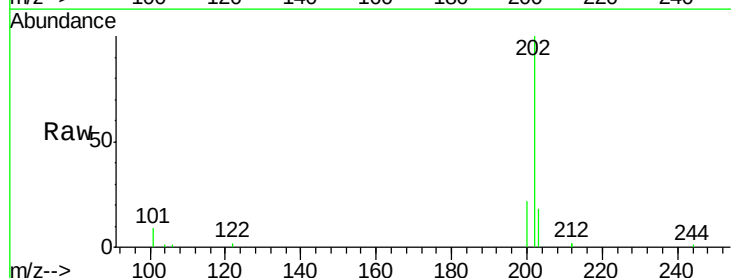
Tgt Ion:202 Resp: 8176

Ion Ratio Lower Upper

202 100

200 21.7 17.0 25.6

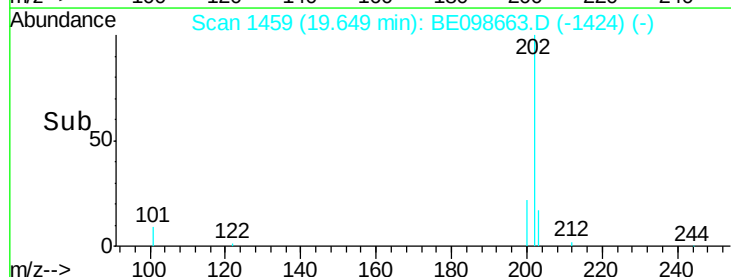
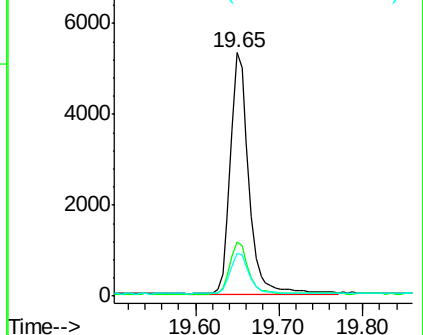
203 17.6 13.8 20.8

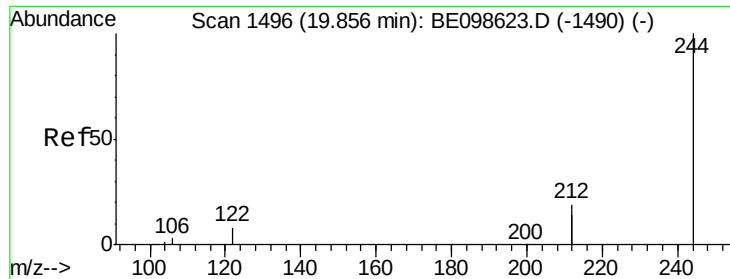


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.354 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BE098663.D

Acq: 18 Jan 2019 8:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

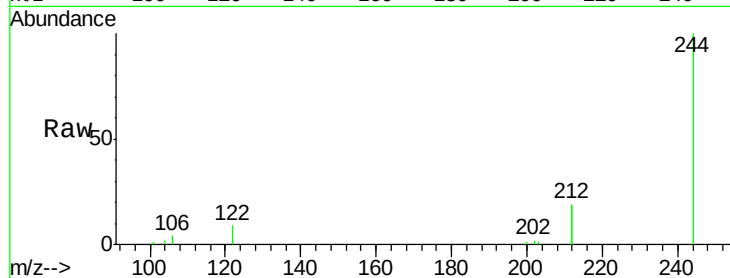
Tgt Ion:244 Resp: 6576

Ion Ratio Lower Upper

244 100

212 38.9 29.4 44.2

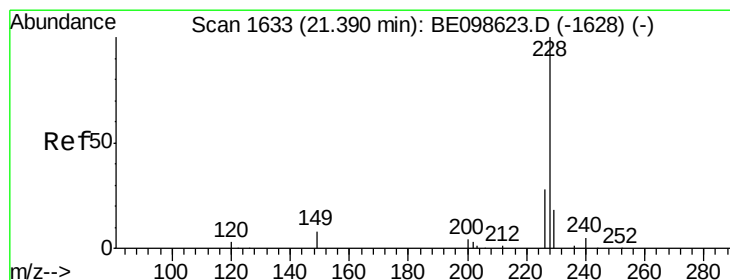
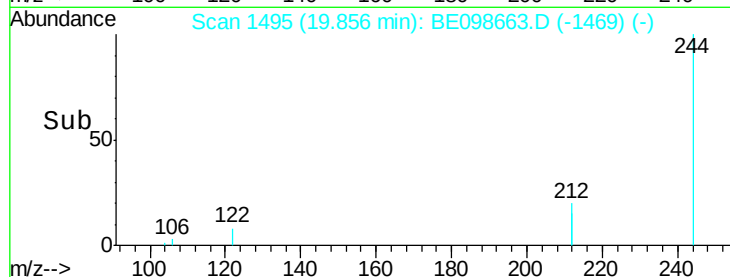
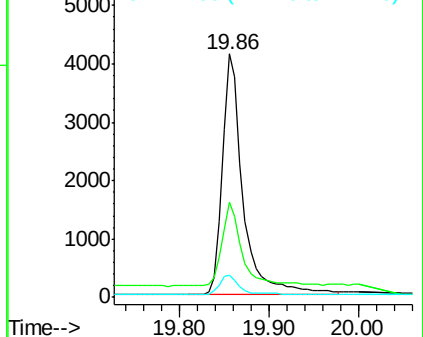
122 9.0 7.1 10.7



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: 0.358 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BE098663.D

Acq: 18 Jan 2019 8:34

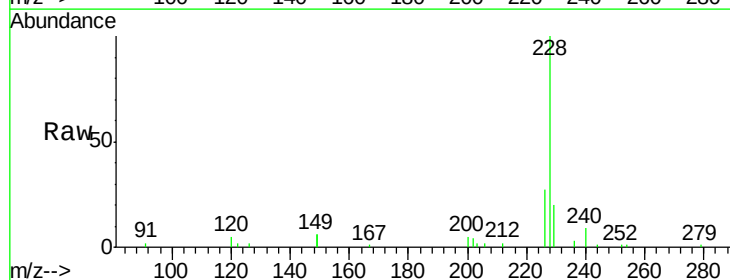
Tgt Ion:228 Resp: 8057

Ion Ratio Lower Upper

228 100

226 27.2 23.0 34.4

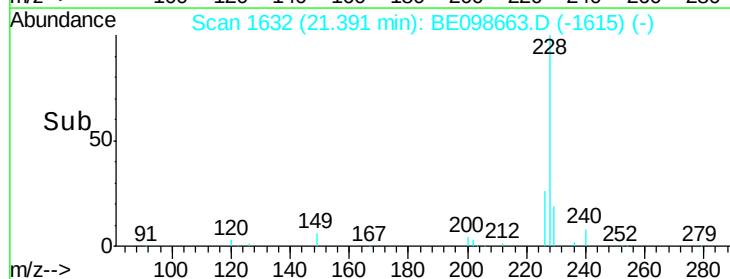
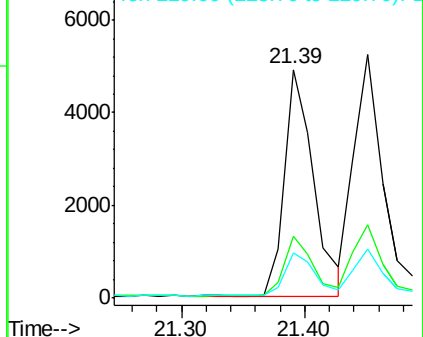
229 19.6 15.0 22.6

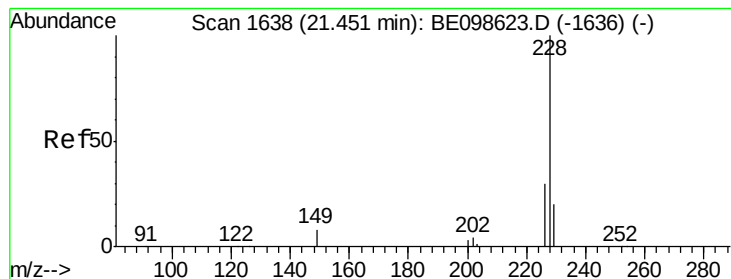


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.356 ng

RT: 21.45 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BE098663.D

Acq: 18 Jan 2019 8:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

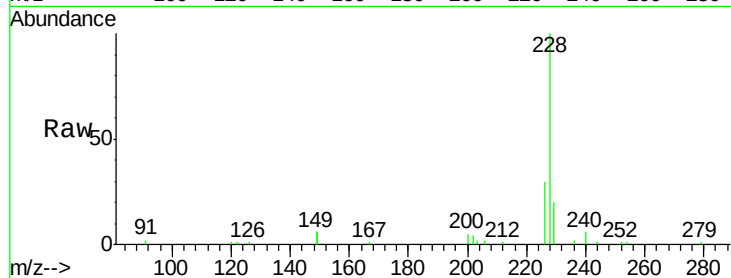
Tgt Ion: 228 Resp: 8323

Ion Ratio Lower Upper

228 100

226 30.3 24.6 36.8

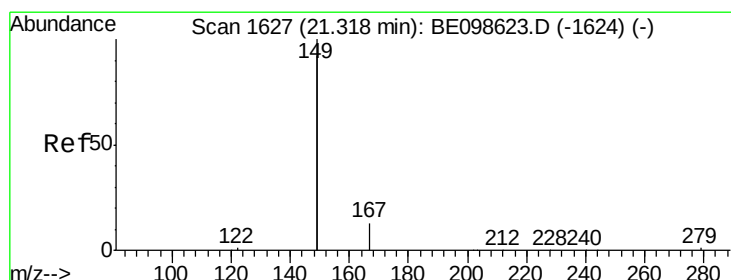
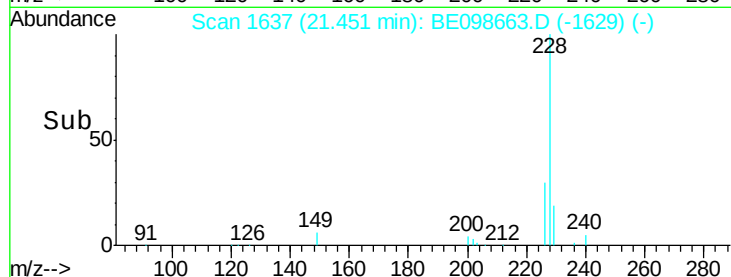
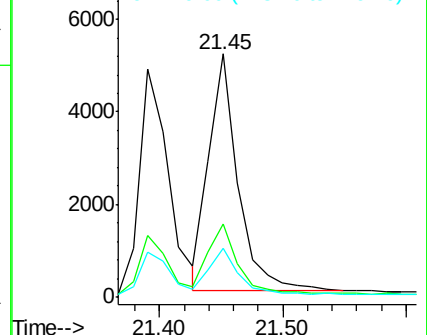
229 20.1 16.4 24.6



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: 0.325 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE098663.D

Acq: 18 Jan 2019 8:34

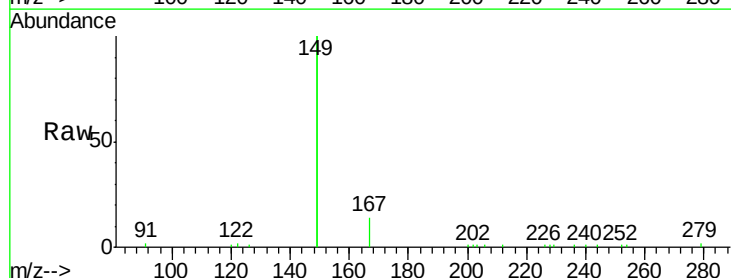
Tgt Ion: 149 Resp: 15546

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.2

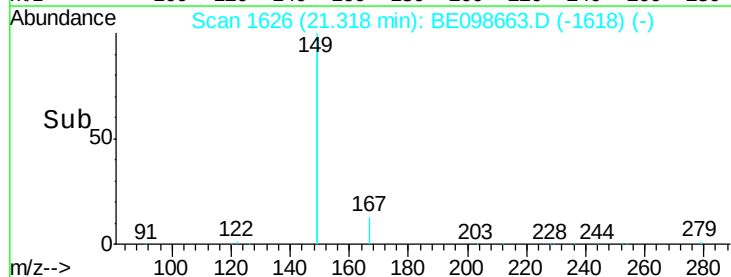
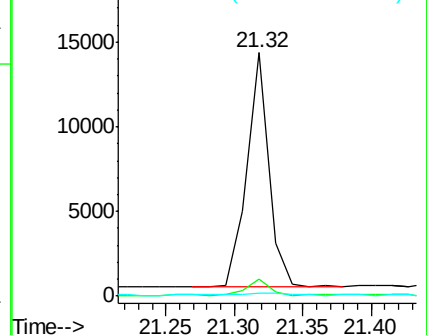
279 1.3 1.0 1.4

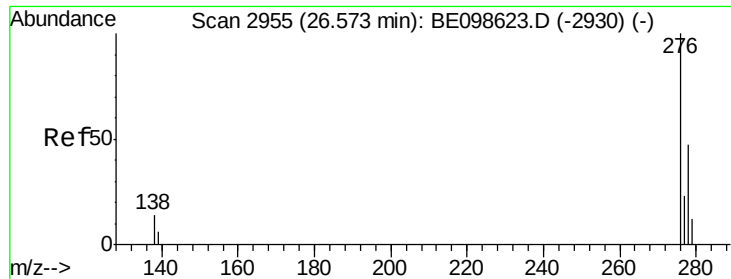


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.373 ng

RT: 26.57 min Scan# 2954

Delta R.T. 0.00 min

Lab File: BE098663.D

Acq: 18 Jan 2019 8:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

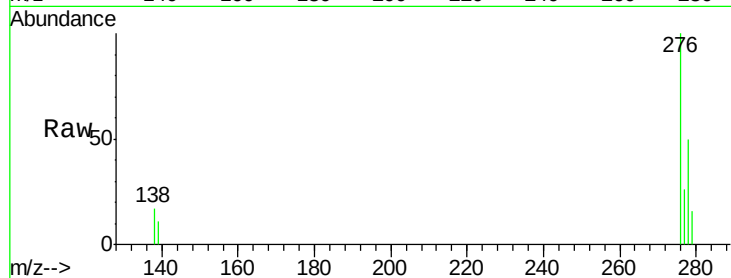
Tgt Ion:276 Resp: 8997

Ion Ratio Lower Upper

276 100

138 16.0 13.3 19.9

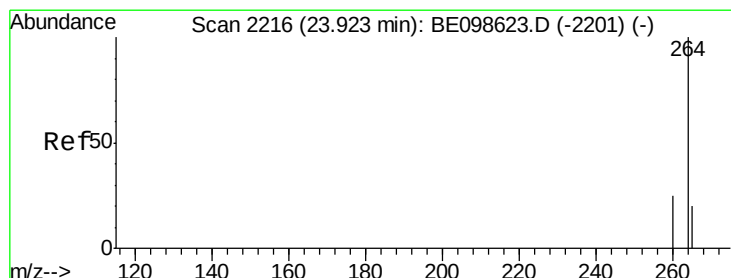
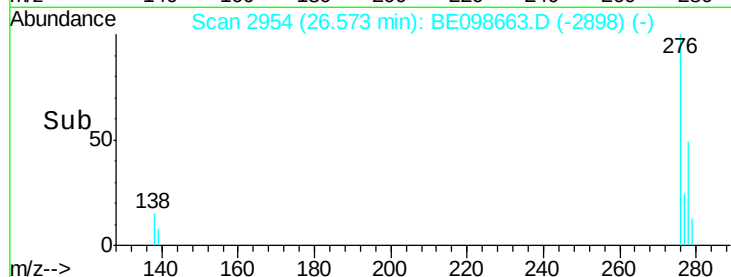
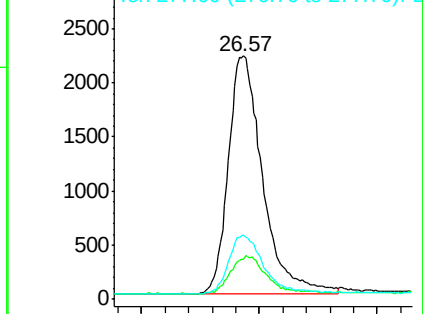
277 25.0 19.4 29.0



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# 2216

Delta R.T. 0.00 min

Lab File: BE098663.D

Acq: 18 Jan 2019 8:34

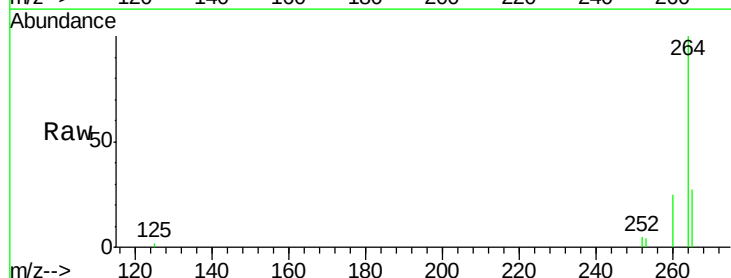
Tgt Ion:264 Resp: 8033

Ion Ratio Lower Upper

264 100

260 24.6 20.5 30.7

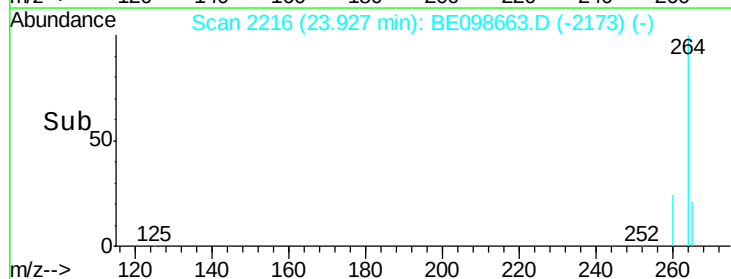
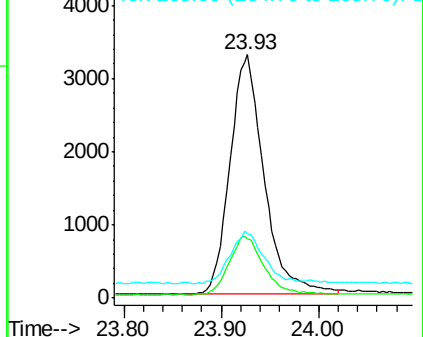
265 26.6 22.3 33.5

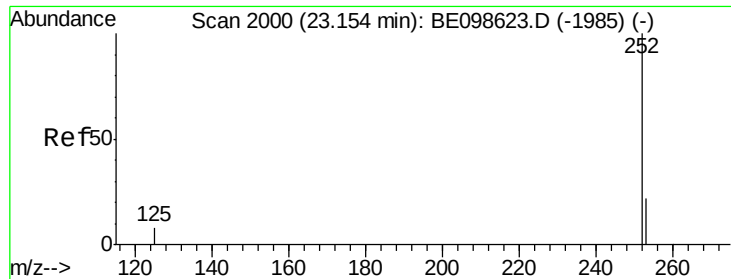


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.353 ng

RT: 23.15 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BE098663.D

Acq: 18 Jan 2019 8:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

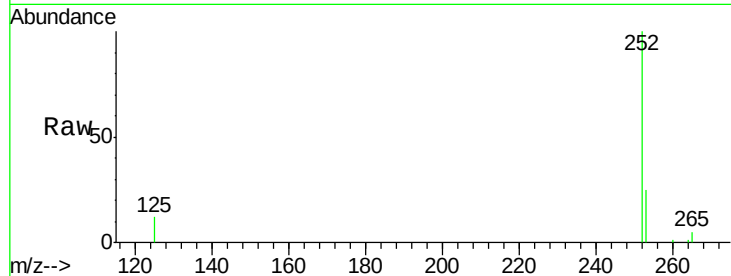
Tgt Ion:252 Resp: 7737

Ion Ratio Lower Upper

252 100

253 24.6 19.4 29.0

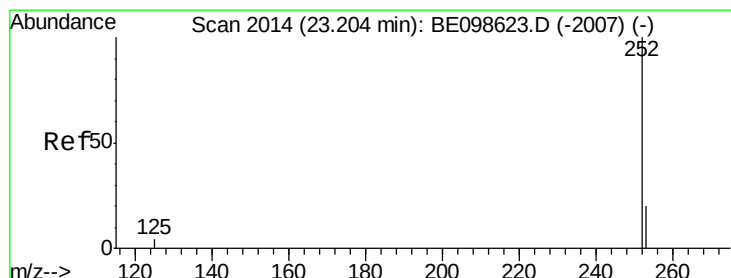
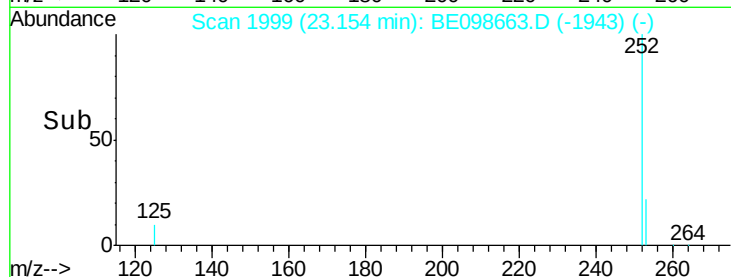
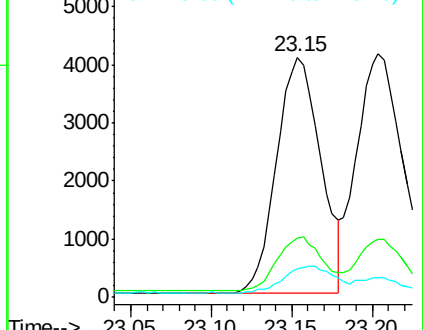
125 11.9 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.379 ng

RT: 23.20 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BE098663.D

Acq: 18 Jan 2019 8:34

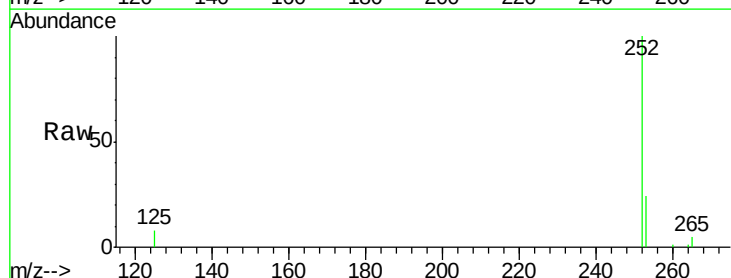
Tgt Ion:252 Resp: 9085

Ion Ratio Lower Upper

252 100

253 24.0 19.0 28.4

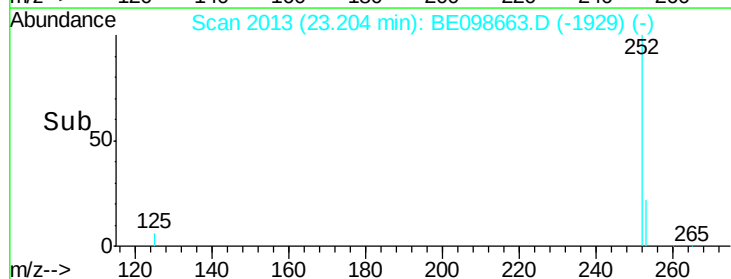
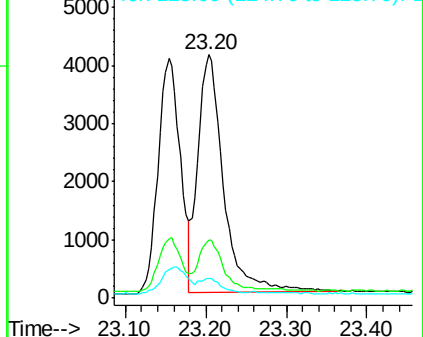
125 8.0 7.0 10.4

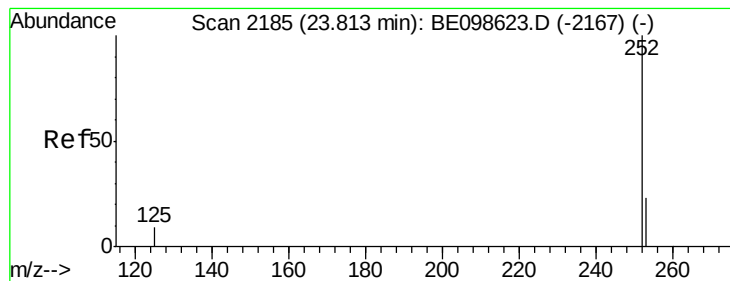


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.364 ng

RT: 23.81 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BE098663.D

Acq: 18 Jan 2019 8:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

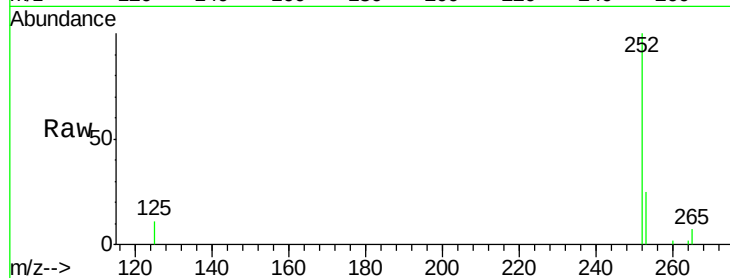
Tgt Ion:252 Resp: 7827

Ion Ratio Lower Upper

252 100

253 24.7 21.0 31.4

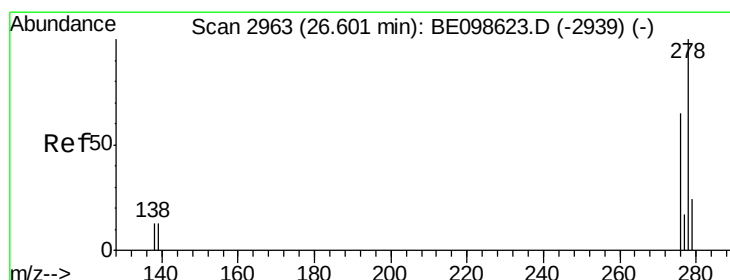
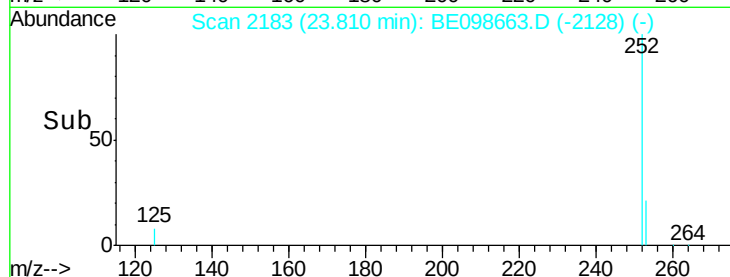
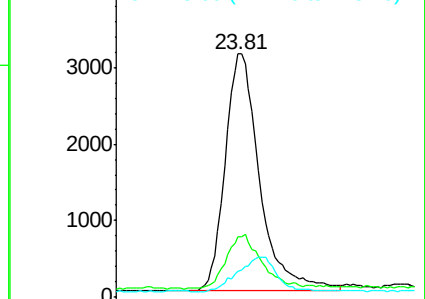
125 10.5 9.2 13.8



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: 0.387 ng

RT: 26.59 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BE098663.D

Acq: 18 Jan 2019 8:34

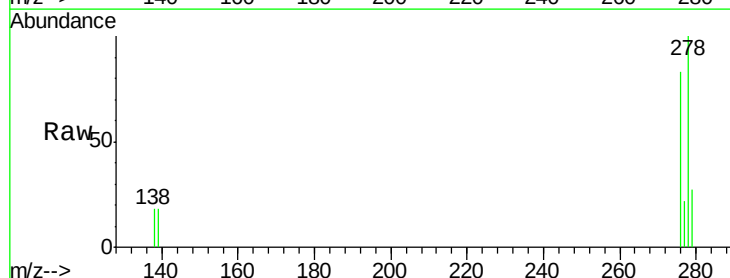
Tgt Ion:278 Resp: 7380

Ion Ratio Lower Upper

278 100

139 17.5 12.7 19.1

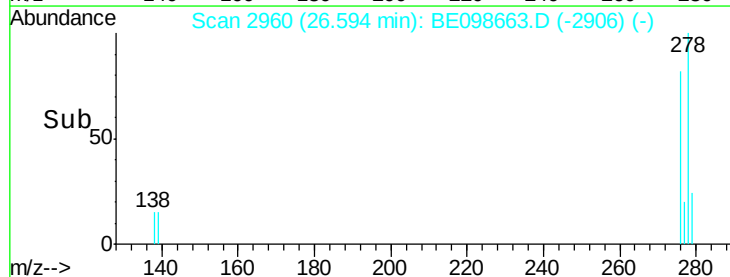
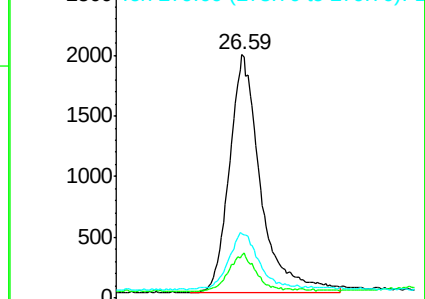
279 26.5 22.0 33.0

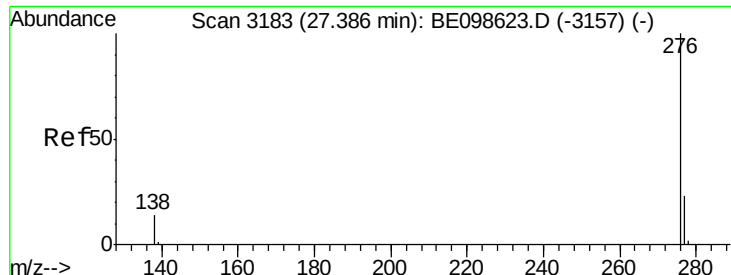


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.364 ng

RT: 27.39 min Scan# 3182

Delta R.T. 0.00 min

Lab File: BE098663.D

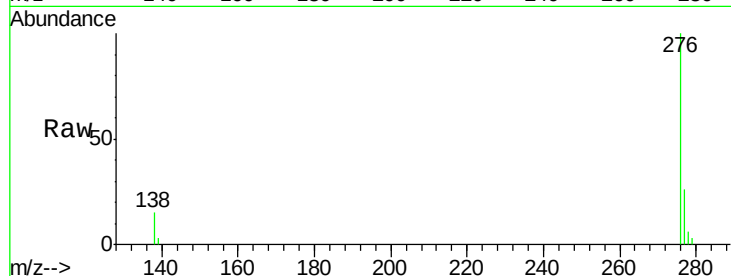
Acq: 18 Jan 2019 8:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



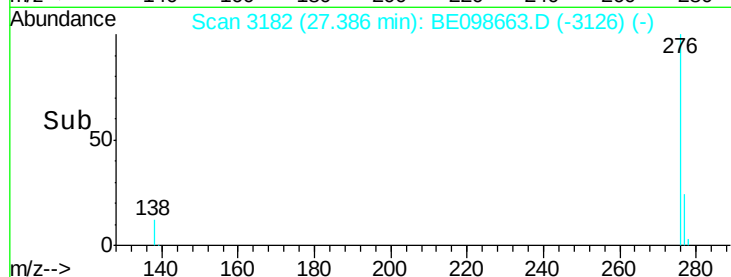
Tgt Ion: 276 Resp: 7614

Ion Ratio Lower Upper

276 100

277 25.8 20.3 30.5

138 14.8 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

