

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030819\
 Data File : BE098829.D
 Acq On : 8 Mar 2019 9:27
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 08 12:01:43 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	7.80	152	836	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3593	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2389	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6269	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7547	0.40	ng	0.00
34) Perylene-d12	23.90	264	7316	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	922	0.37	ng	0.00
5) Phenol-d6	6.99	99	1343	0.38	ng	0.00
8) Nitrobenzene-d5	8.96	82	1126	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	2591	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	453	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3774	0.38	ng	0.00
25) Fluoranthene-d10	19.25	212	36923	0.37	ng	0.00
29) Terphenyl-d14	19.84	244	7147	0.39	ng	0.00

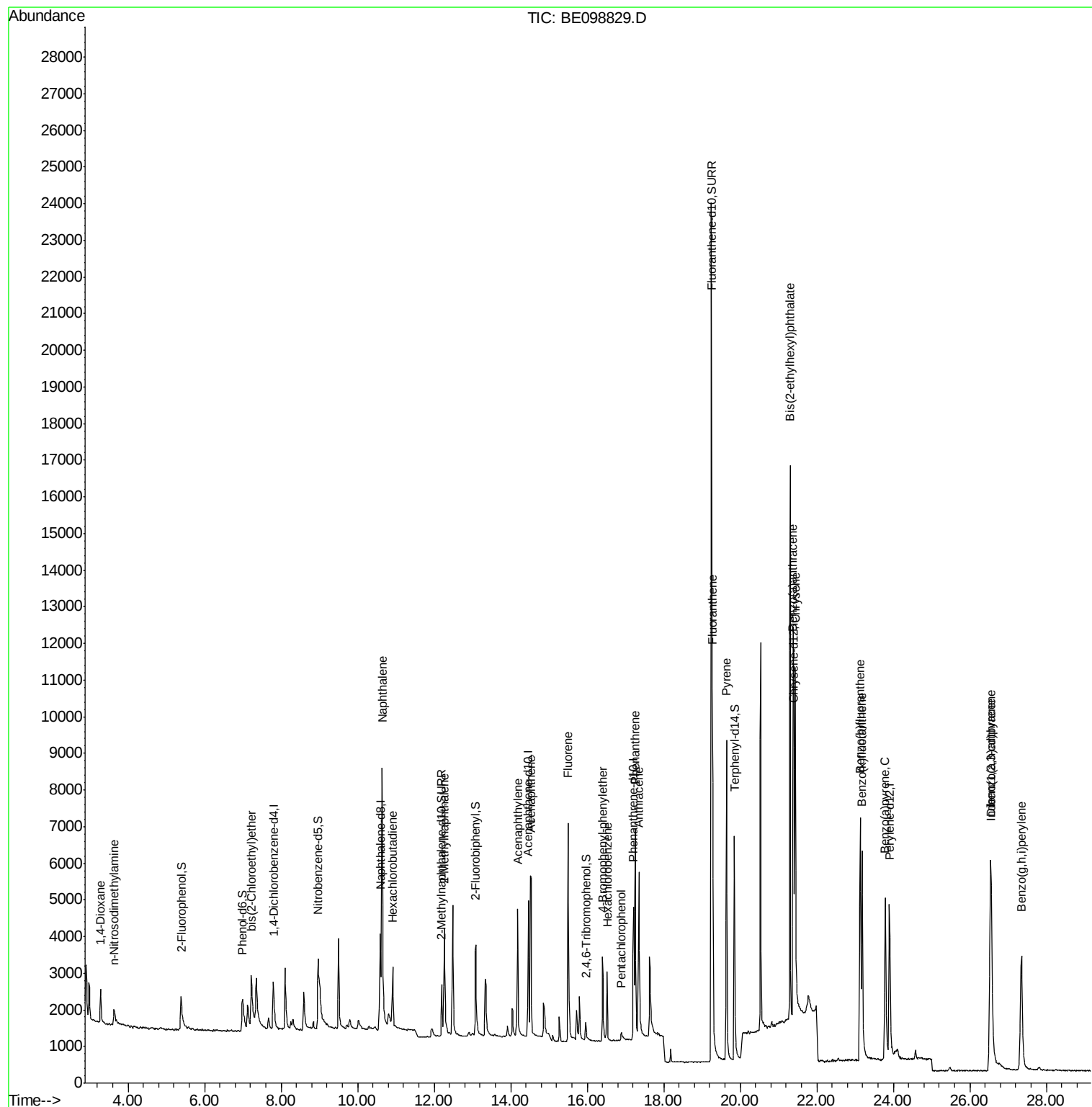
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	575	0.342	ng	92
3) n-Nitrosodimethylamine	3.63	42	639	0.304	ng	# 14
6) bis(2-Chloroethyl)ether	7.22	93	926	0.340	ng	# 86
9) Naphthalene	10.64	128	16160	0.393	ng	100
10) Hexachlorobutadiene	10.91	225	1073	0.394	ng	98
12) 2-Methylnaphthalene	12.27	142	2595	0.389	ng	98
16) Acenaphthylene	14.18	152	4589	0.373	ng	98
17) Acenaphthene	14.53	154	2830	0.388	ng	99
18) Fluorene	15.50	166	3970	0.378	ng	100
20) 4-Bromophenyl-phenylether	16.40	248	1212	0.357	ng	95
21) Hexachlorobenzene	16.52	284	1531	0.379	ng	98
22) Pentachlorophenol	16.89	266	255	0.450	ng	87
23) Phenanthrene	17.25	178	6738	0.378	ng	99
24) Anthracene	17.35	178	5669	0.372	ng	100
26) Fluoranthene	19.28	202	9144	0.364	ng	99
28) Pyrene	19.64	202	9242	0.400	ng	99
30) Benzo(a)anthracene	21.38	228	9417	0.400	ng	98
31) Chrysene	21.44	228	9442	0.375	ng	99
32) Bis(2-ethylhexyl)phthalate	21.31	149	18389	0.367	ng	100
33) Indeno(1,2,3-cd)pyrene	26.53	276	10273	0.386	ng	97
35) Benzo(b)fluoranthene	23.13	252	9214	0.383	ng	97
36) Benzo(k)fluoranthene	23.18	252	10111	0.401	ng	99
37) Benzo(a)pyrene	23.79	252	8860	0.384	ng	100
38) Dibenzo(a,h)anthracene	26.56	278	8422	0.386	ng	99
39) Benzo(g,h,i)perylene	27.34	276	8841	0.387	ng	99

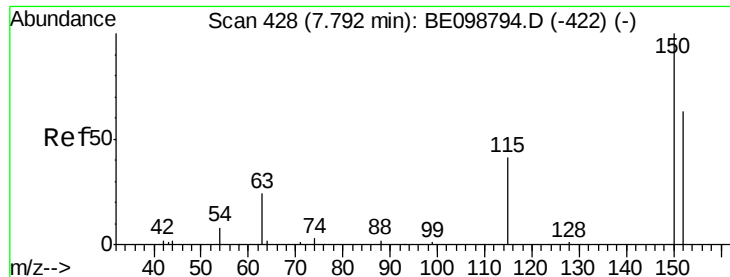
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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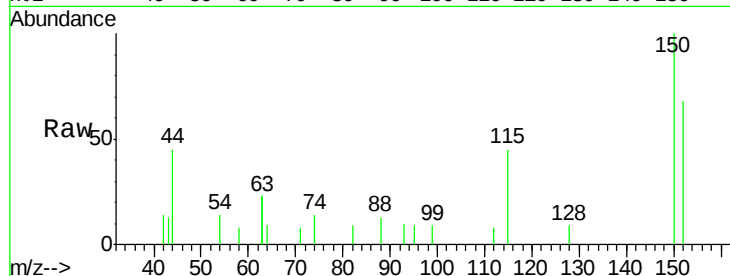


#1

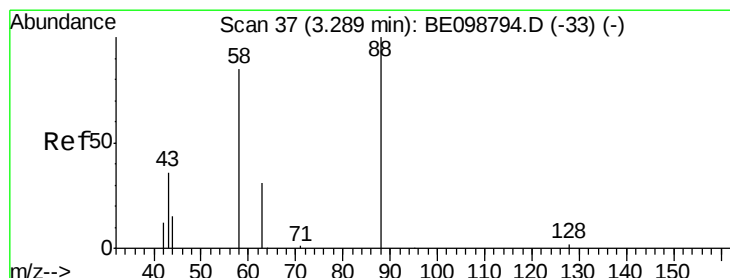
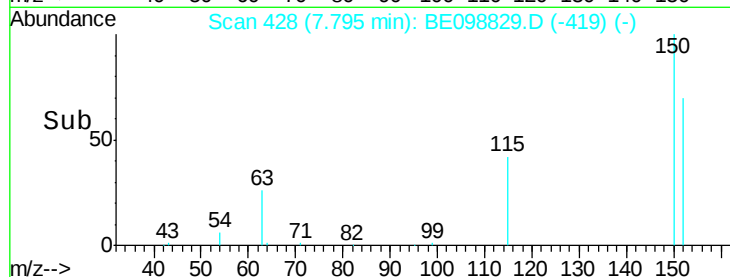
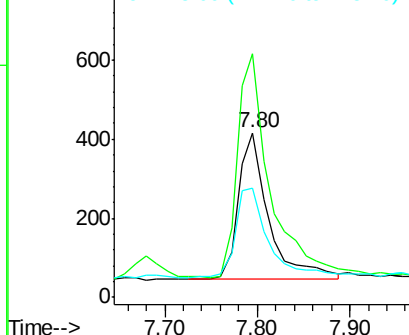
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098829.D
Acq: 8 Mar 2019 9:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 152 Resp: 836
Ion Ratio Lower Upper
152 100
150 147.7 122.5 183.7
115 66.7 57.4 86.2



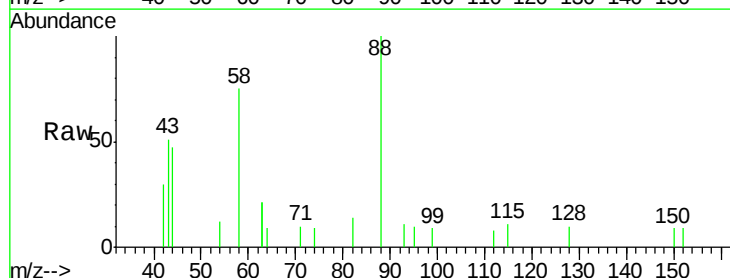
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



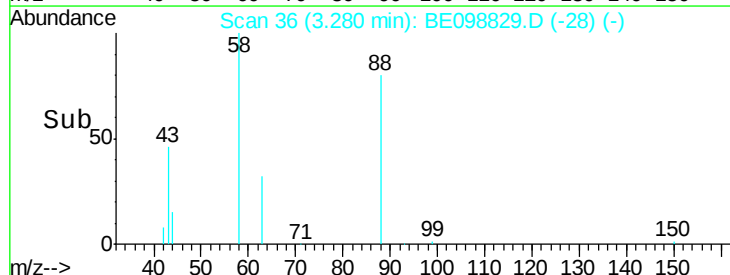
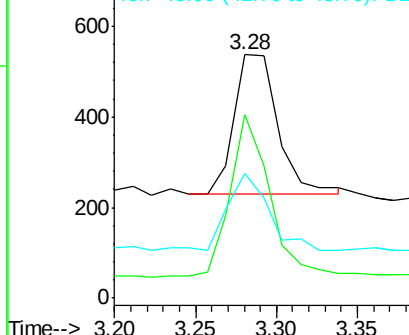
#2

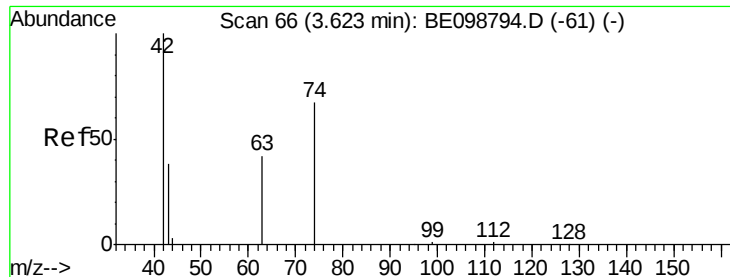
1,4-Dioxane
Concen: 0.342 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098829.D
Acq: 8 Mar 2019 9:27

Tgt Ion: 88 Resp: 575
Ion Ratio Lower Upper
88 100
58 105.0 75.8 113.6
43 50.8 41.8 62.8



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



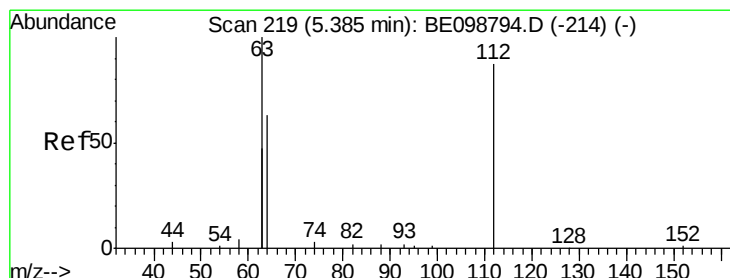
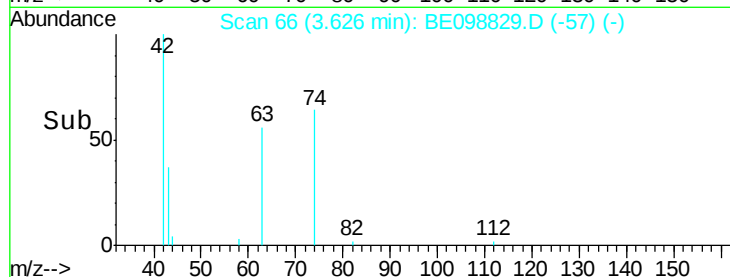
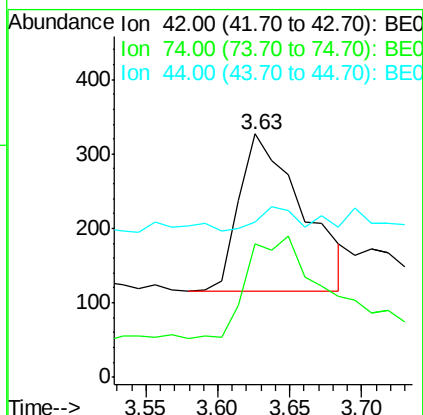
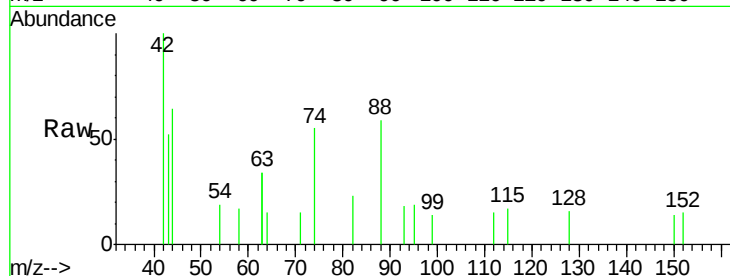


#3

n-Nitrosodimethylamine
 Concen: 0.304 ng
 RT: 3.63 min Scan# 66
 Delta R.T. 0.00 min
 Lab File: BE098829.D
 Acq: 8 Mar 2019 9:27

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

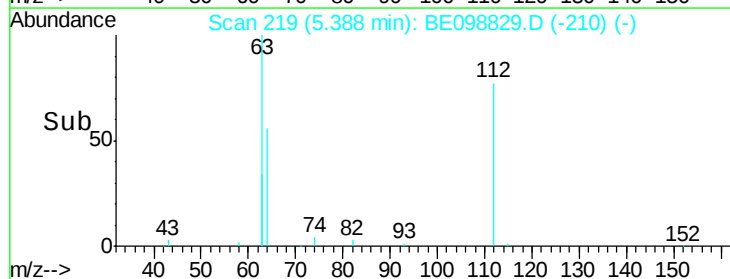
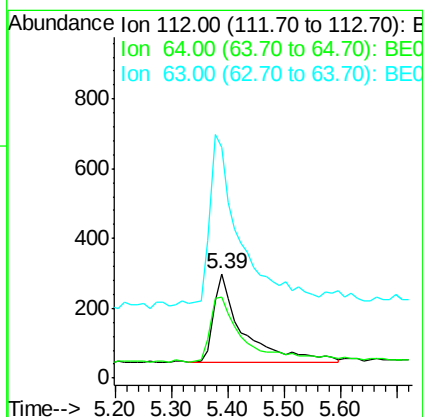
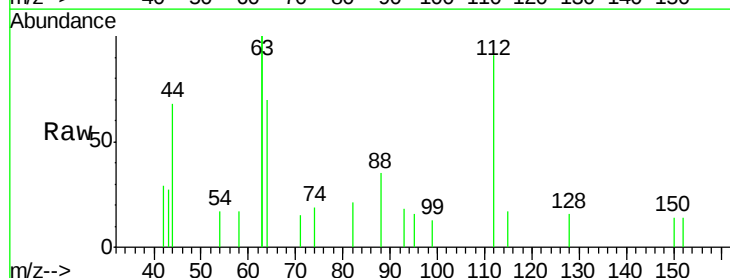
Tgt Ion: 42 Resp: 639
 Ion Ratio Lower Upper
 42 100
 74 0.0 57.0 85.4#
 44 0.0 0.0 0.0

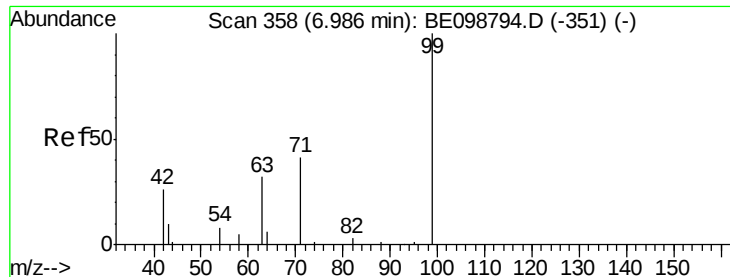


#4

2-Fluorophenol
 Concen: 0.369 ng
 RT: 5.39 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: BE098829.D
 Acq: 8 Mar 2019 9:27

Tgt Ion: 112 Resp: 922
 Ion Ratio Lower Upper
 112 100
 64 87.4 57.9 86.9#
 63 190.6 158.3 237.5





#5

Phenol-d6

Concen: 0.380 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098829.D

Acq: 8 Mar 2019 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

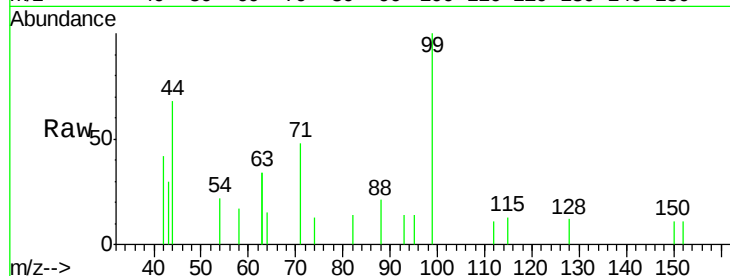
Tgt Ion: 99 Resp: 1343

Ion Ratio Lower Upper

99 100

42 32.0 24.2 36.2

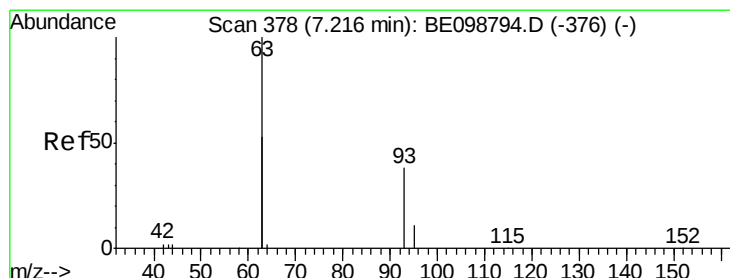
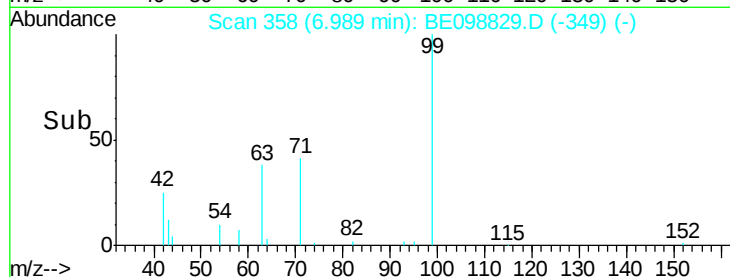
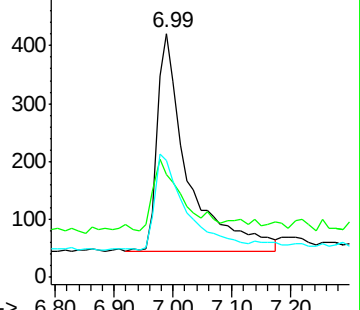
71 46.5 35.7 53.5



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: 0.340 ng

RT: 7.22 min Scan# 378

Delta R.T. 0.00 min

Lab File: BE098829.D

Acq: 8 Mar 2019 9:27

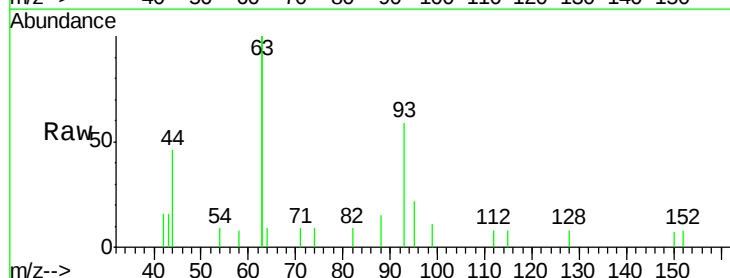
Tgt Ion: 93 Resp: 926

Ion Ratio Lower Upper

93 100

63 337.9 247.5 371.3

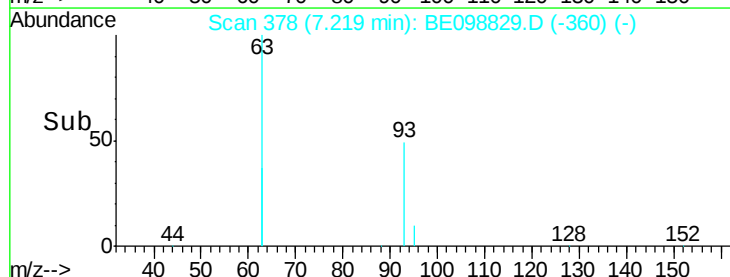
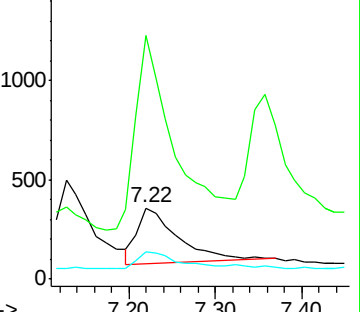
95 35.4 21.8 32.8#

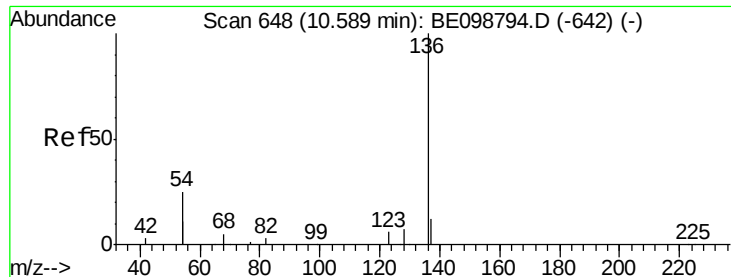


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098829.D

Acq: 8 Mar 2019 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 3593

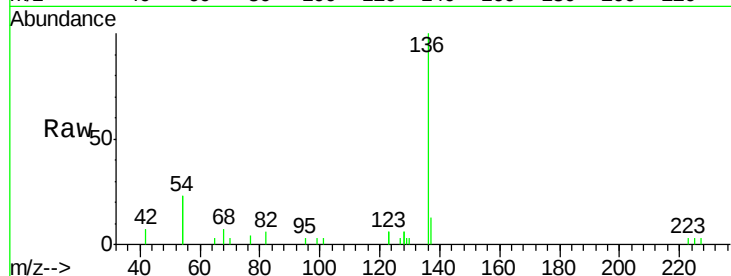
Ion Ratio Lower Upper

136 100

137 13.3 11.4 17.0

54 45.8 39.3 58.9

68 7.2 6.7 10.1

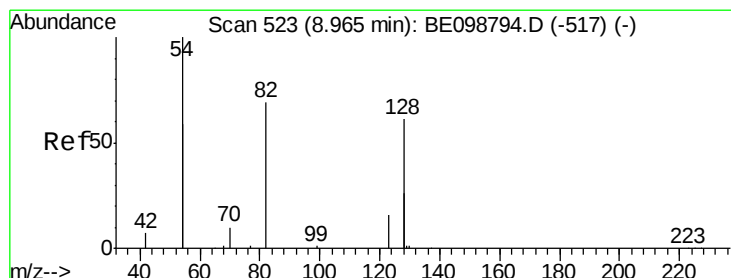
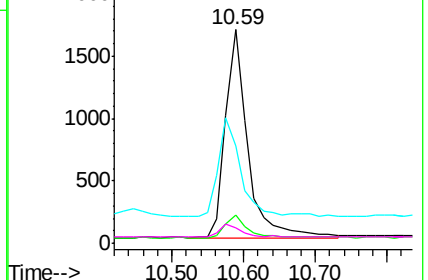
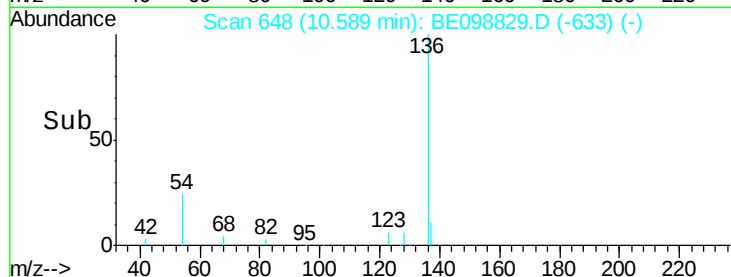


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.299 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE098829.D

Acq: 8 Mar 2019 9:27

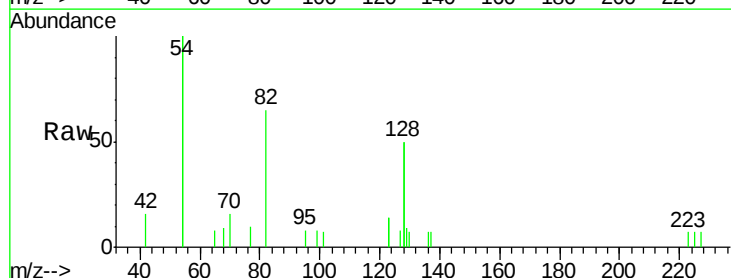
Tgt Ion: 82 Resp: 1126

Ion Ratio Lower Upper

82 100

128 155.6 123.8 185.8

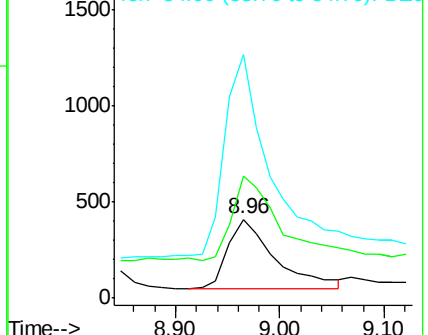
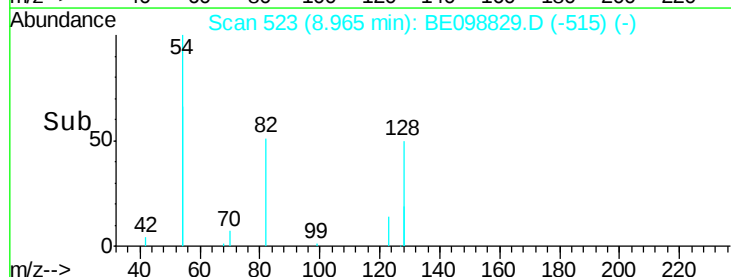
54 309.3 203.4 305.2#

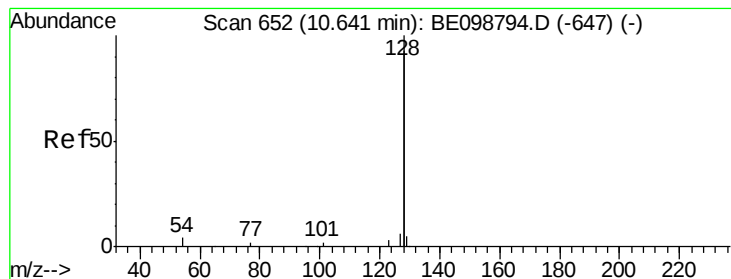


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.393 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE098829.D

Acq: 8 Mar 2019 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

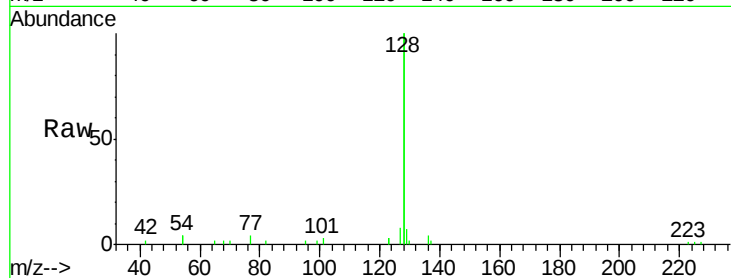
Tgt Ion:128 Resp: 16160

Ion Ratio Lower Upper

128 100

129 3.5 2.6 4.0

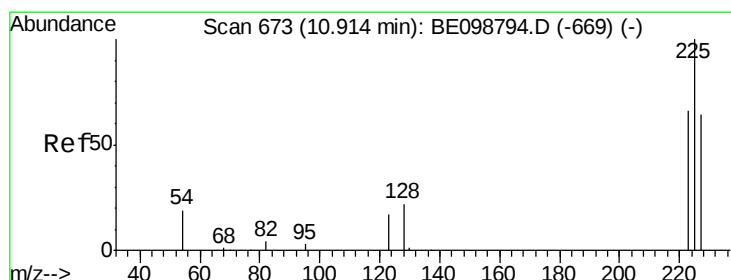
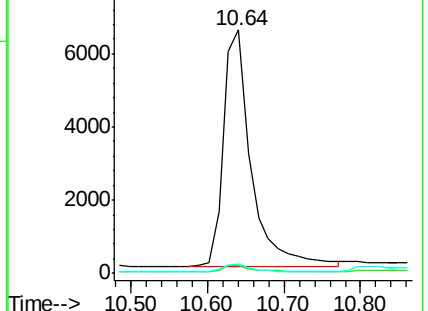
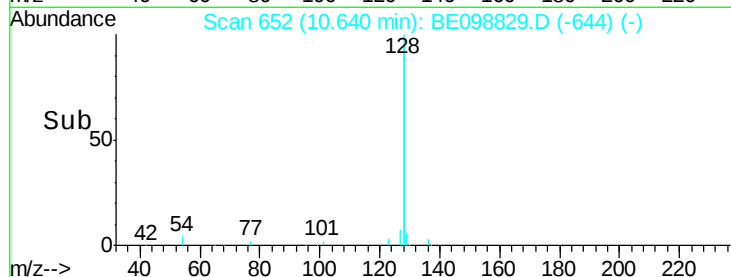
127 4.0 3.1 4.7



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: 0.394 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE098829.D

Acq: 8 Mar 2019 9:27

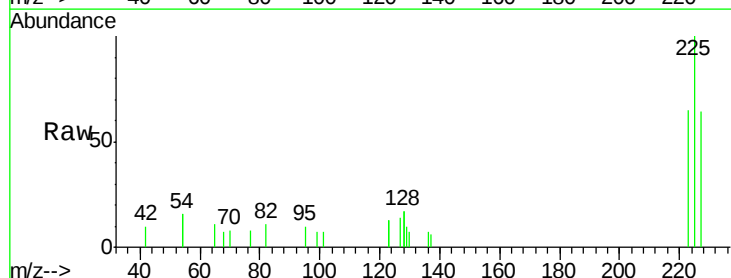
Tgt Ion:225 Resp: 1073

Ion Ratio Lower Upper

225 100

223 63.1 51.1 76.7

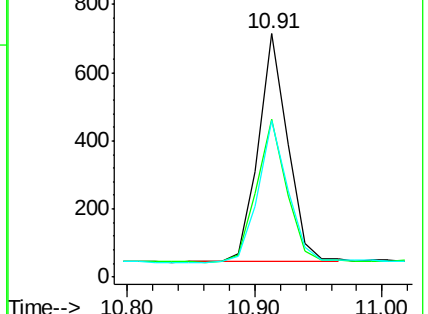
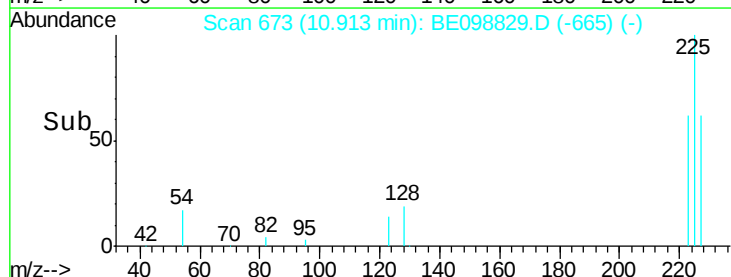
227 62.3 51.6 77.4

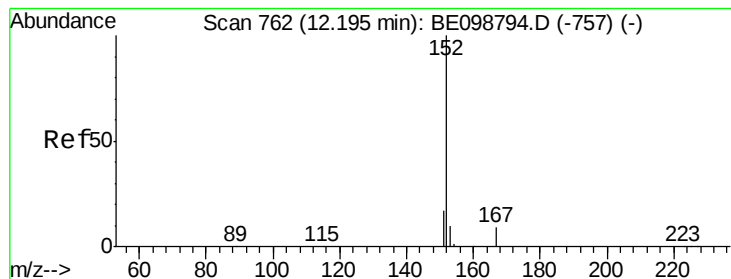


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.390 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE098829.D

Acq: 8 Mar 2019 9:27

Instrument :

BNA_E

ClientSampleId :

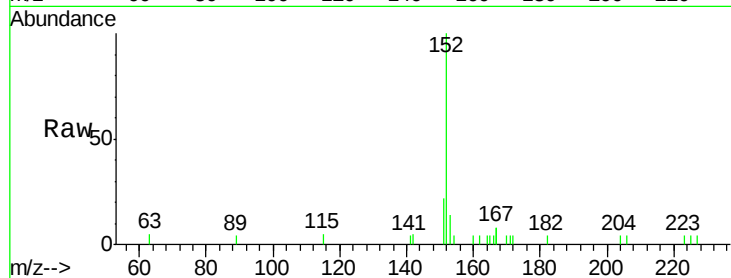
SSTDCCC0.4

Tgt Ion:152 Resp: 2591

Ion Ratio Lower Upper

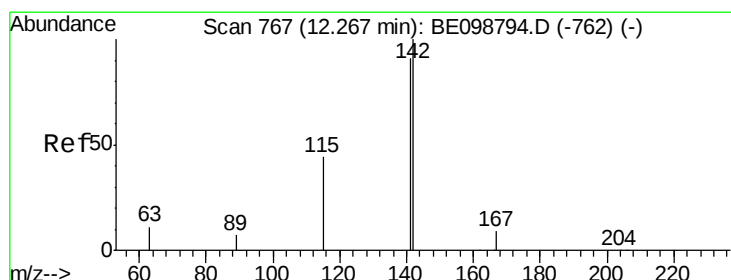
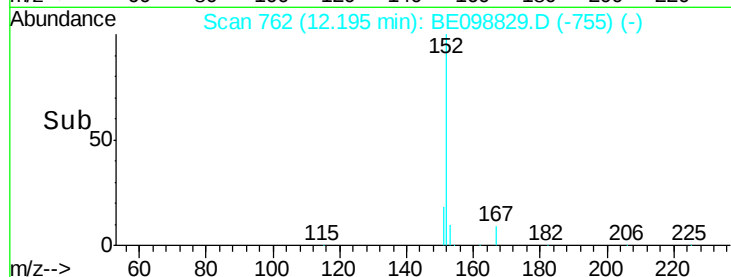
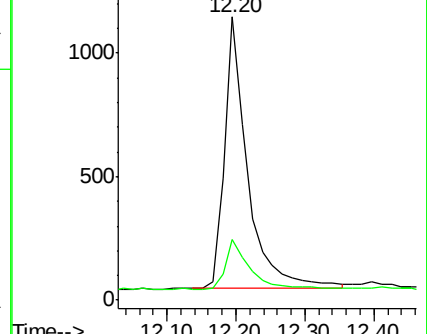
152 100

151 19.7 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.389 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098829.D

Acq: 8 Mar 2019 9:27

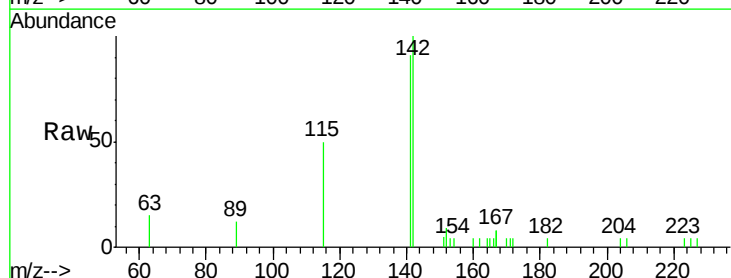
Tgt Ion:142 Resp: 2595

Ion Ratio Lower Upper

142 100

141 91.3 72.6 108.8

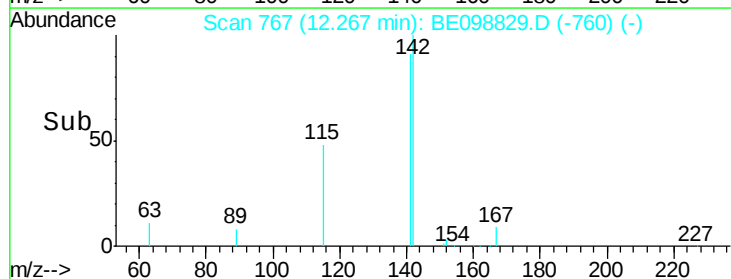
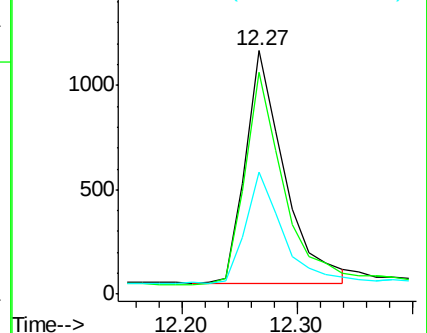
115 50.1 37.4 56.2

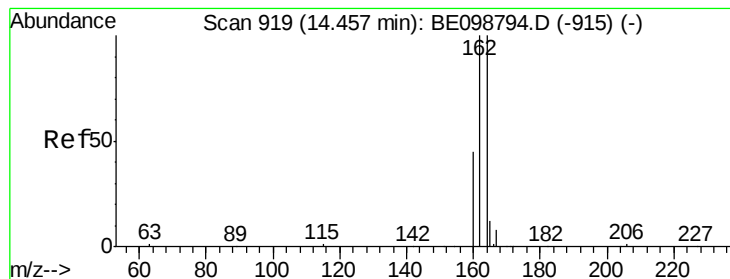


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE098829.D

Acq: 8 Mar 2019 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

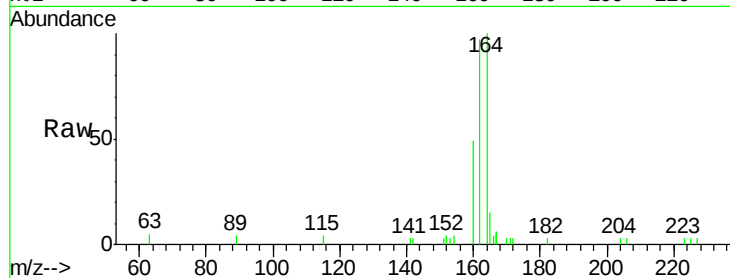
Tgt Ion:164 Resp: 2389

Ion Ratio Lower Upper

164 100

162 97.2 80.2 120.2

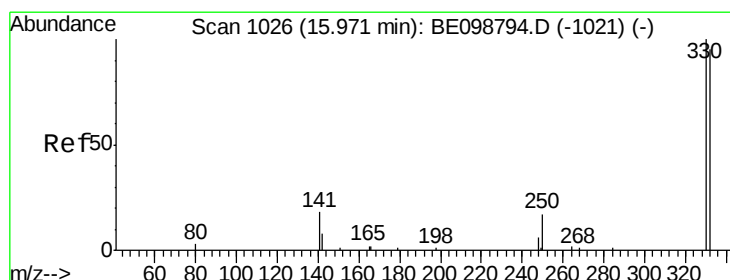
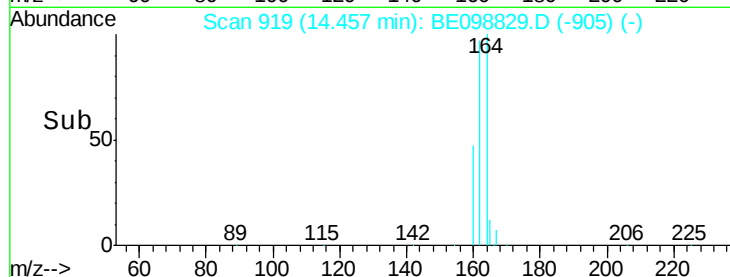
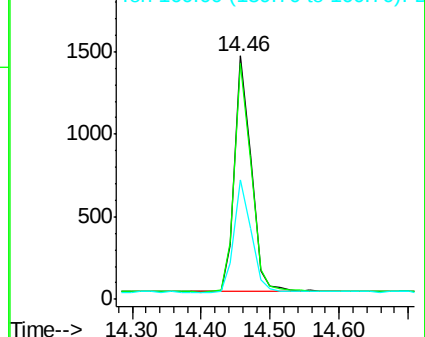
160 49.0 37.8 56.8



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: 0.376 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098829.D

Acq: 8 Mar 2019 9:27

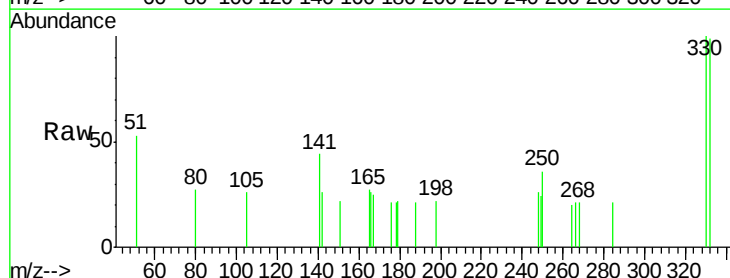
Tgt Ion:330 Resp: 453

Ion Ratio Lower Upper

330 100

332 94.5 77.6 116.4

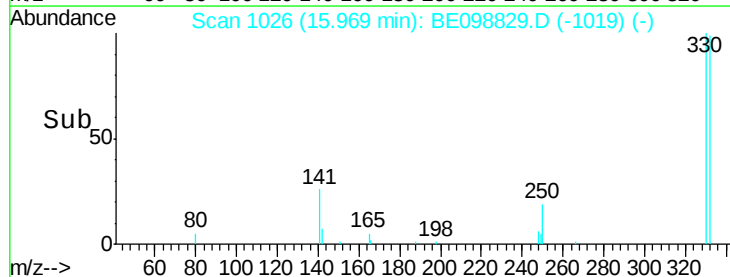
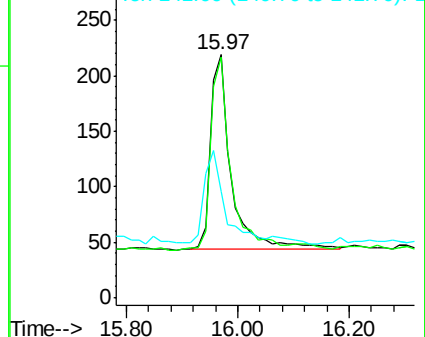
141 44.8 31.0 46.4

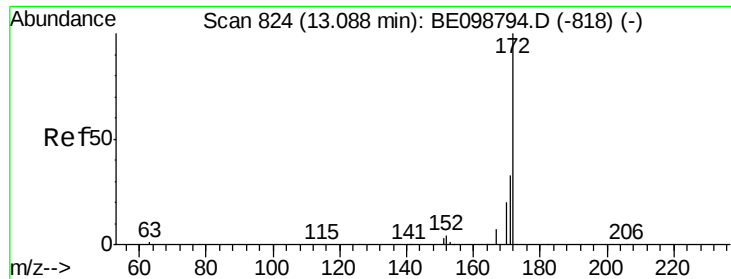


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

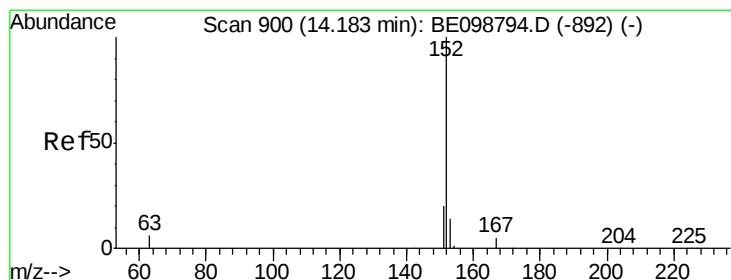
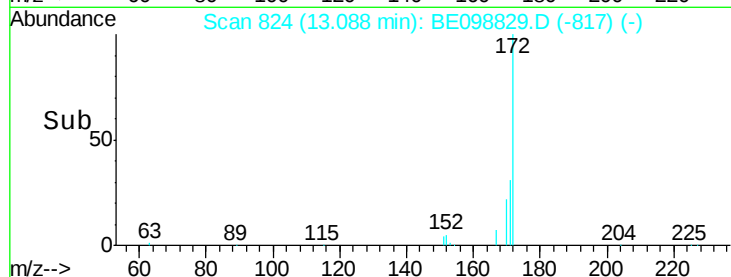
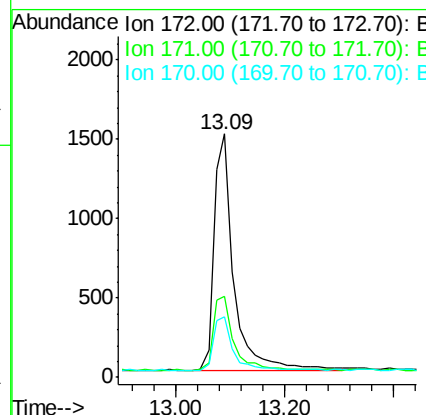
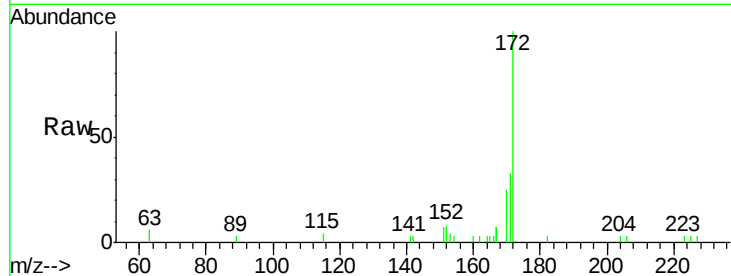




#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098829.D
Acq: 8 Mar 2019 9:27

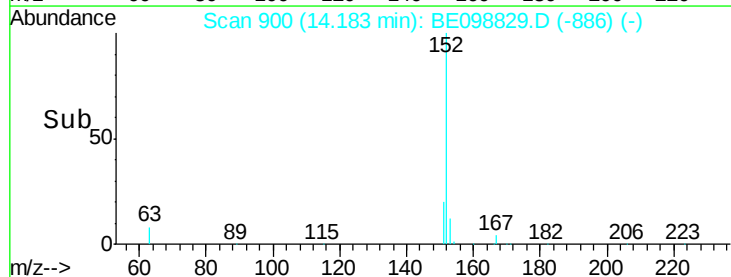
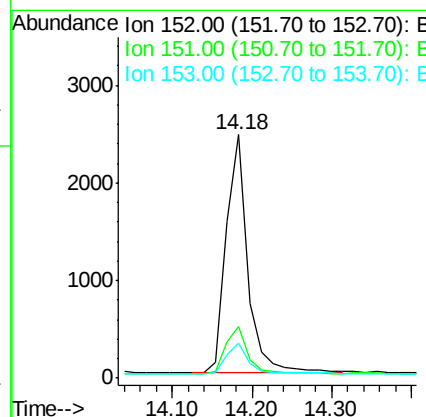
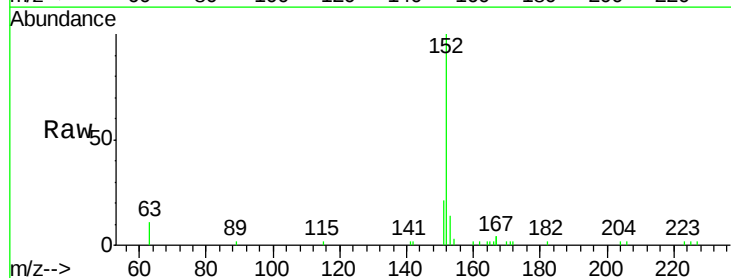
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

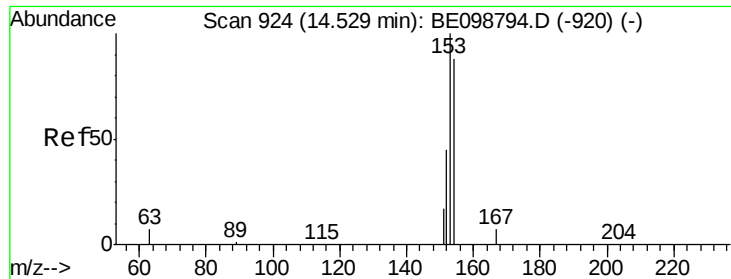
Tgt Ion:172 Resp: 3774
Ion Ratio Lower Upper
172 100
171 33.1 28.0 42.0
170 24.6 17.7 26.5



#16
Acenaphthylene
Concen: 0.373 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098829.D
Acq: 8 Mar 2019 9:27

Tgt Ion:152 Resp: 4589
Ion Ratio Lower Upper
152 100
151 20.3 17.0 25.6
153 12.9 11.2 16.8

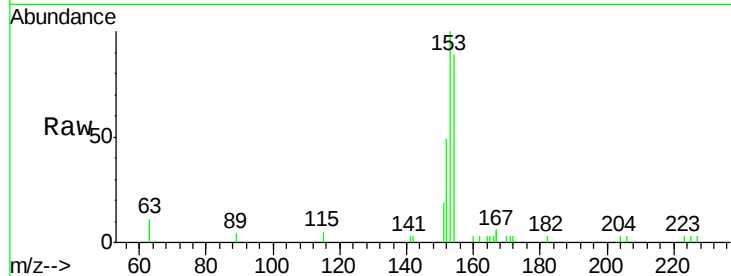




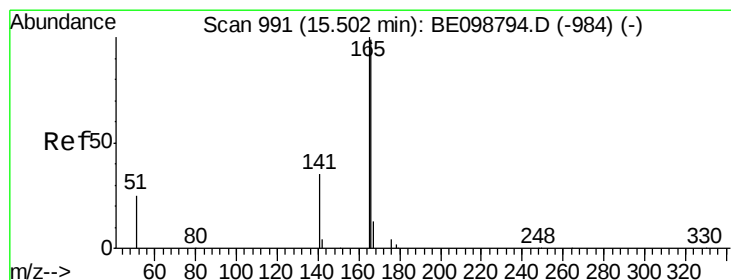
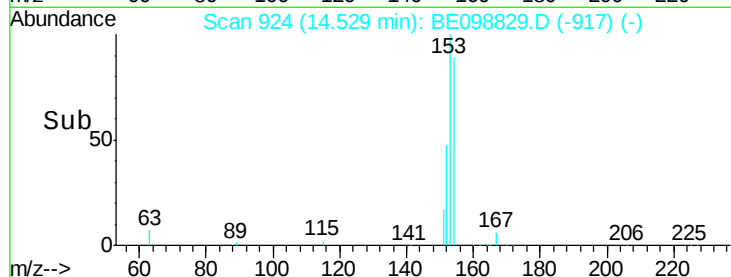
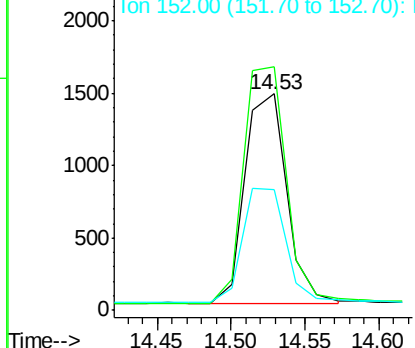
#17
Acenaphthene
Concen: 0.388 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098829.D
Acq: 8 Mar 2019 9:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 2830
Ion Ratio Lower Upper
154 100
153 116.3 94.2 141.4
152 57.0 45.0 67.4

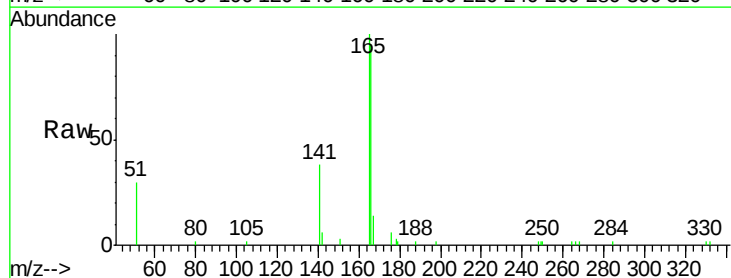


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

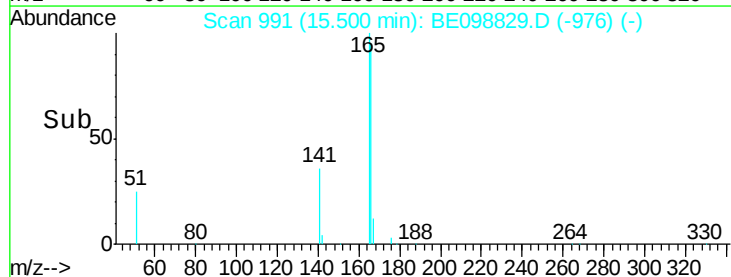
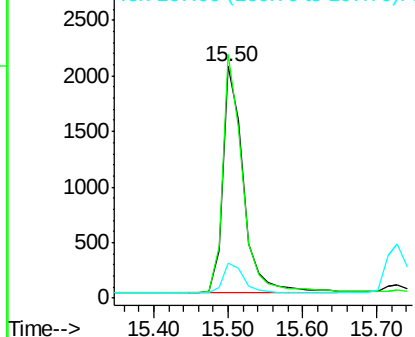


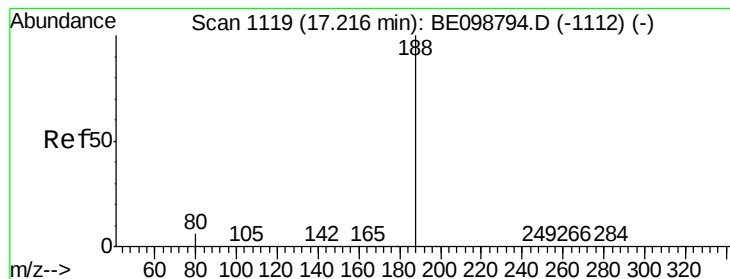
#18
Fluorene
Concen: 0.378 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098829.D
Acq: 8 Mar 2019 9:27

Tgt Ion:166 Resp: 3970
Ion Ratio Lower Upper
166 100
165 99.4 79.3 118.9
167 14.0 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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098829.D

Acq: 8 Mar 2019 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

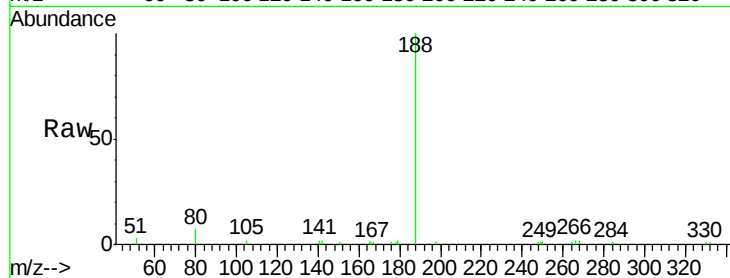
Tgt Ion:188 Resp: 6269

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

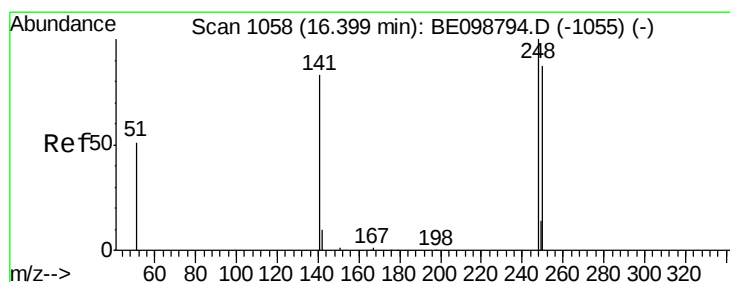
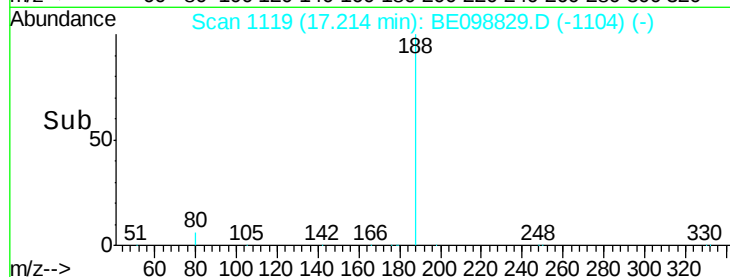
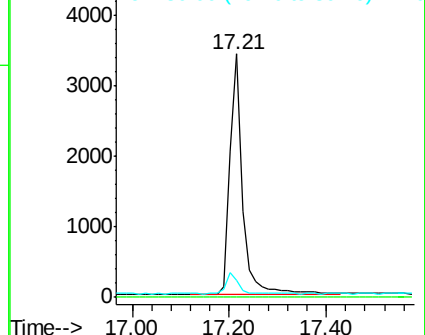
80 7.1 6.3 9.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.357 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE098829.D

Acq: 8 Mar 2019 9:27

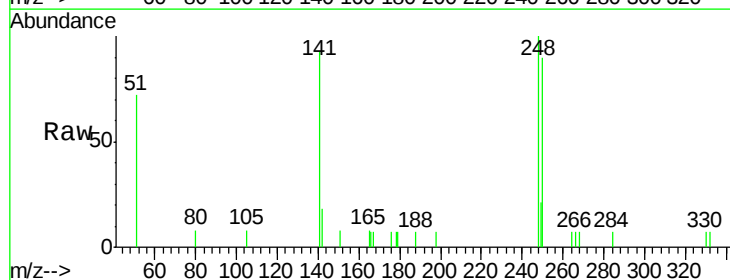
Tgt Ion:248 Resp: 1212

Ion Ratio Lower Upper

248 100

250 90.3 70.6 105.8

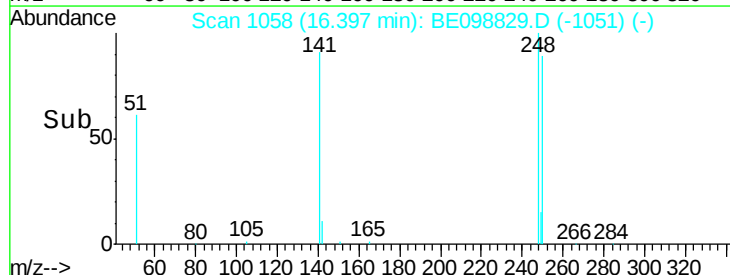
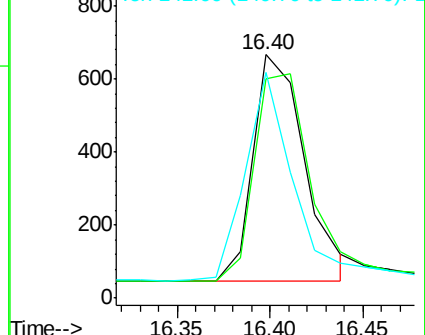
141 92.7 68.6 102.8

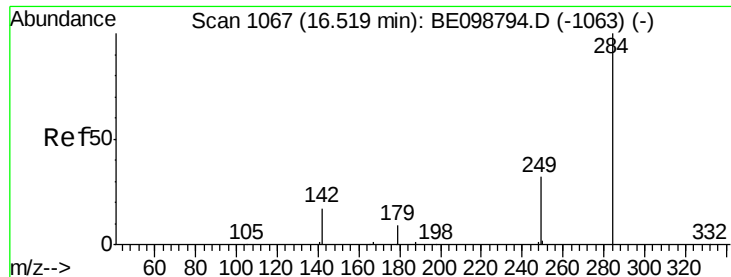


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.379 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE098829.D

Acq: 8 Mar 2019 9:27

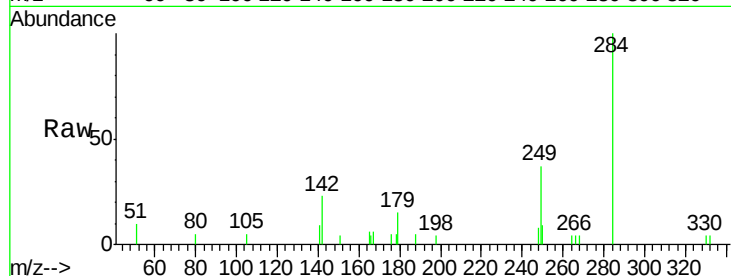
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

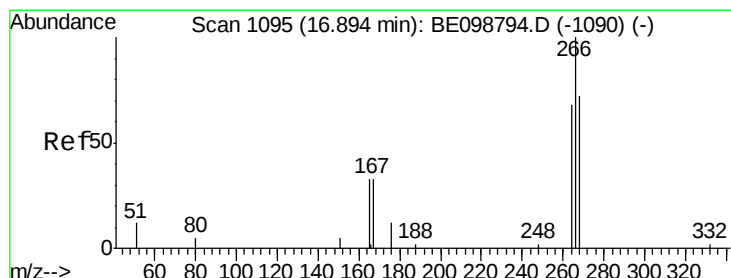
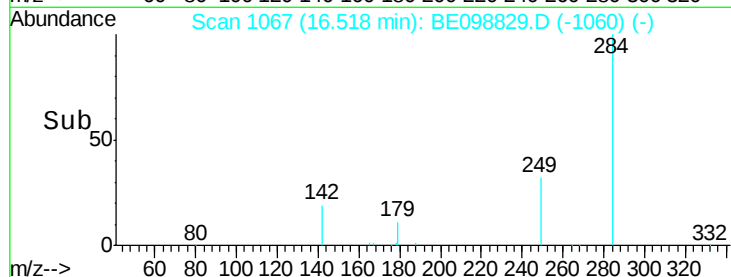
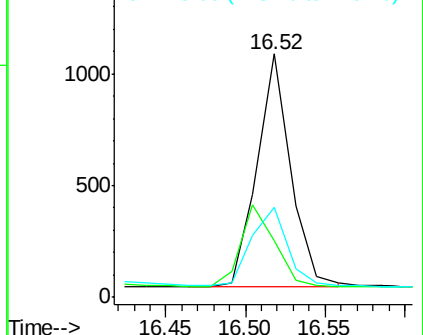
Tgt Ion:	284	Resp:	1531
Ion	Ratio	Lower	Upper
284	100		
142	34.9	28.7	43.1
249	35.3	29.6	44.4



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: 0.450 ng

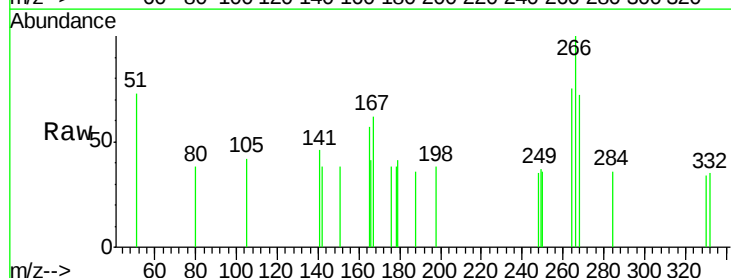
RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE098829.D

Acq: 8 Mar 2019 9:27

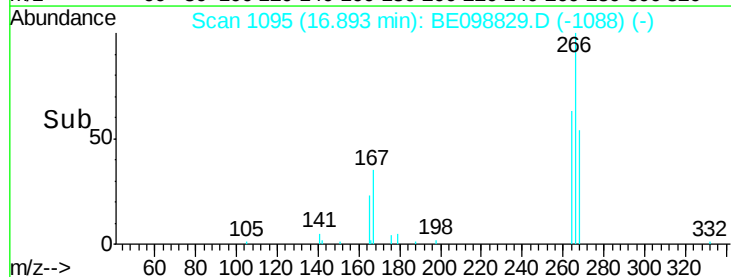
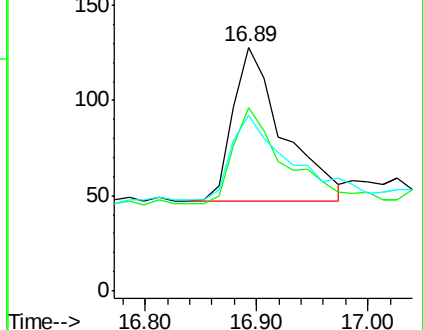
Tgt Ion:	266	Resp:	255
Ion	Ratio	Lower	Upper
266	100		
264	75.0	66.6	100.0
268	71.9	69.8	104.8

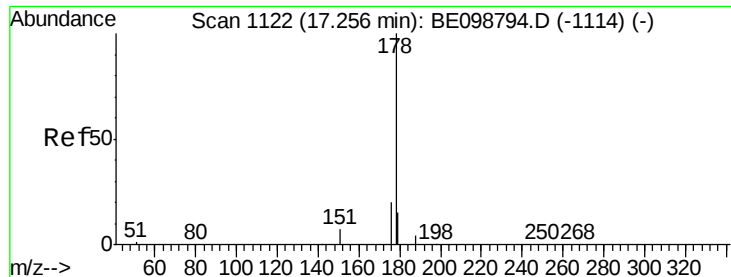


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.378 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098829.D

Acq: 8 Mar 2019 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

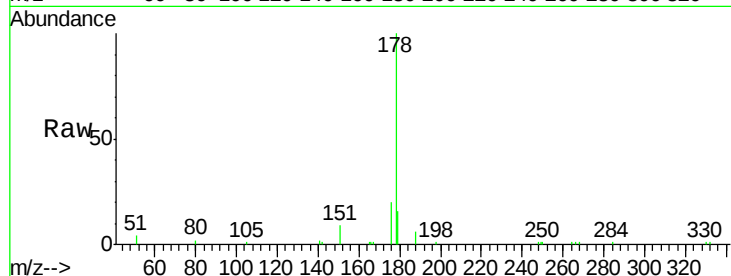
Tgt Ion:178 Resp: 6738

Ion Ratio Lower Upper

178 100

176 19.5 16.0 24.0

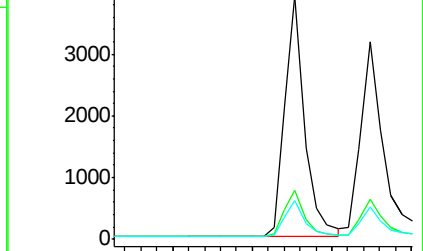
179 15.2 12.1 18.1



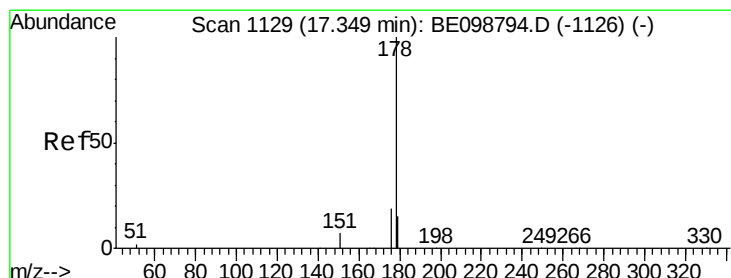
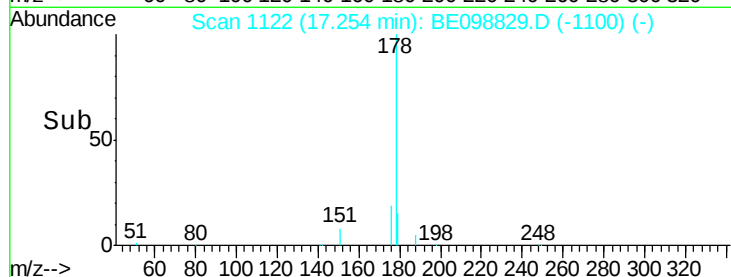
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.372 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE098829.D

Acq: 8 Mar 2019 9:27

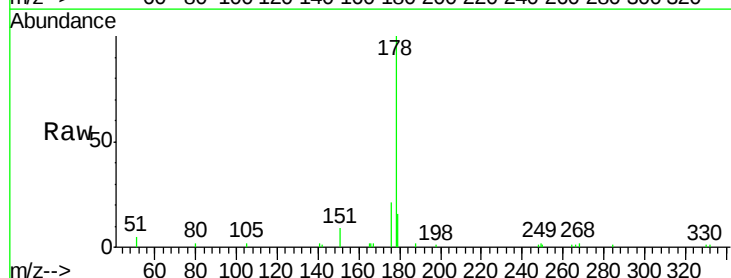
Tgt Ion:178 Resp: 5669

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

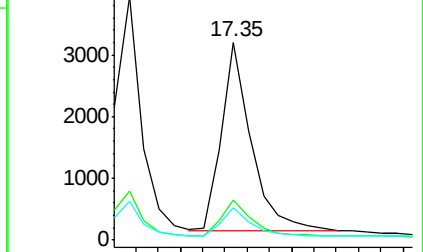
179 15.3 12.2 18.4



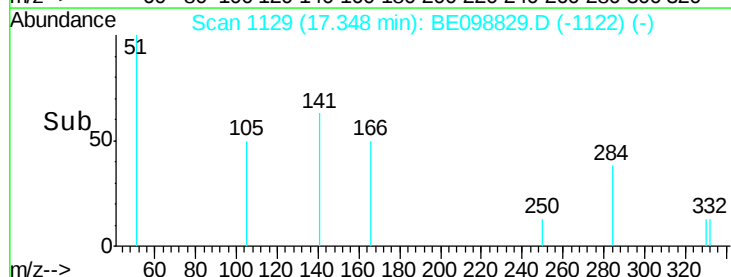
Abundance Ion 178.00 (177.70 to 178.70): E

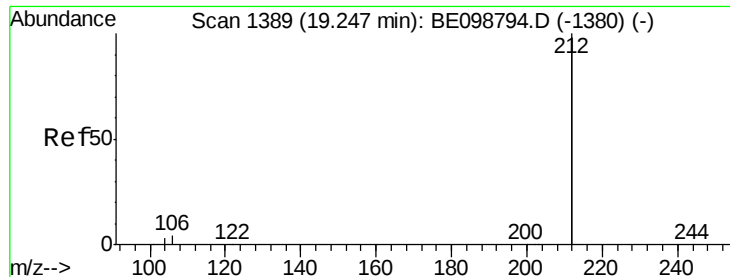
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.369 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098829.D

Acq: 8 Mar 2019 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

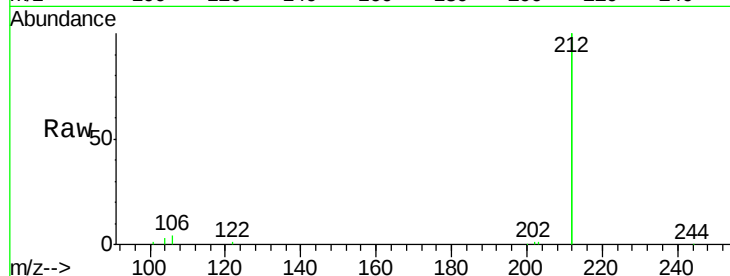
Tgt Ion:212 Resp: 36923

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.8

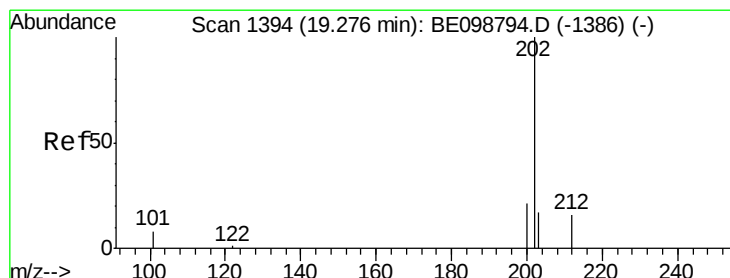
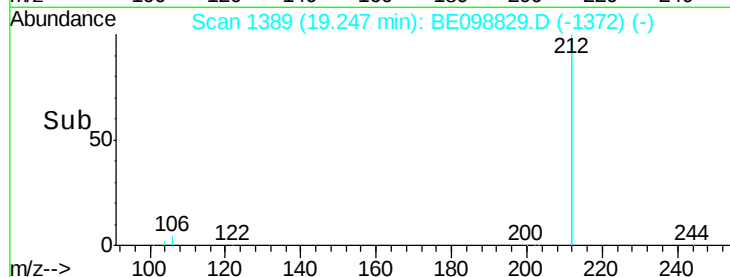
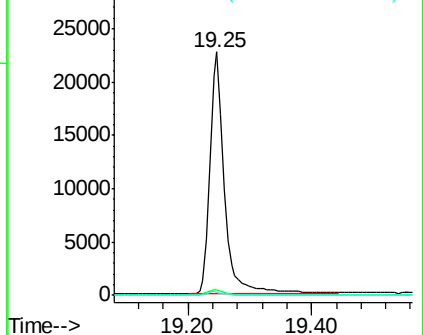
104 1.3 1.0 1.6



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: 0.364 ng

RT: 19.28 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BE098829.D

Acq: 8 Mar 2019 9:27

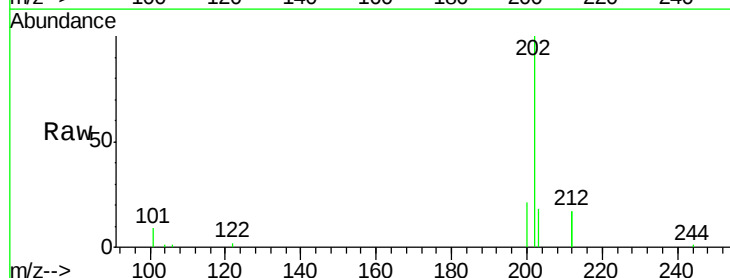
Tgt Ion:202 Resp: 9144

Ion Ratio Lower Upper

202 100

101 8.6 7.3 10.9

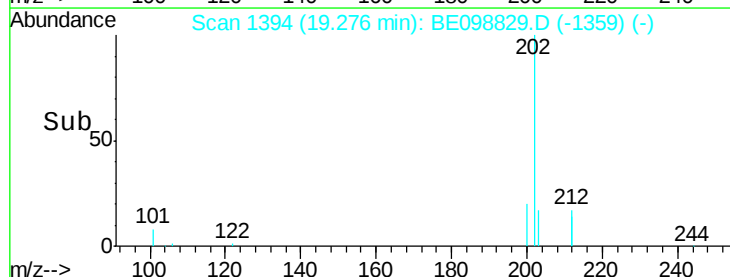
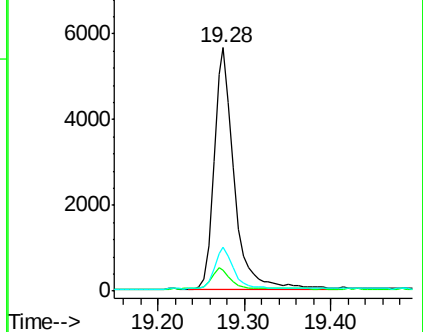
203 16.8 13.4 20.2

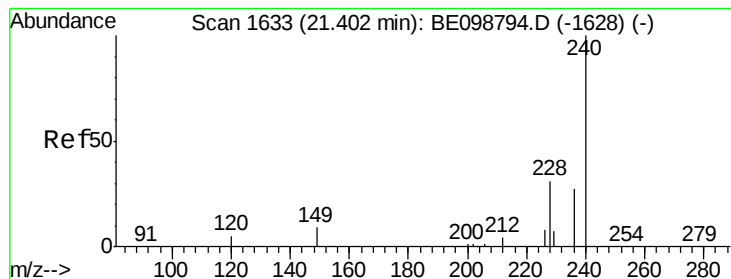


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE098829.D

Acq: 8 Mar 2019 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

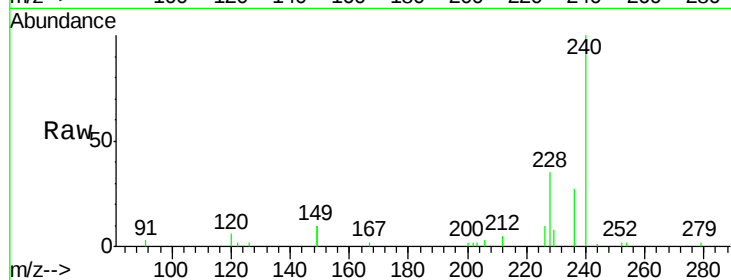
Tgt Ion:240 Resp: 7547

Ion Ratio Lower Upper

240 100

120 5.8 5.0 7.4

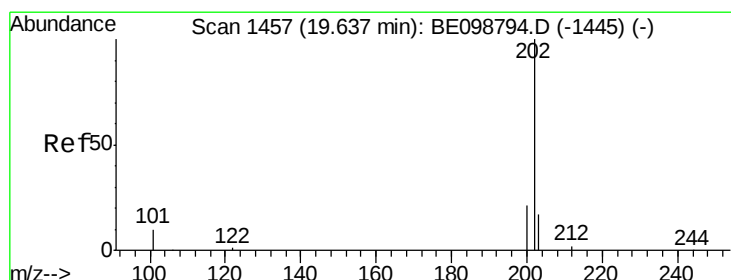
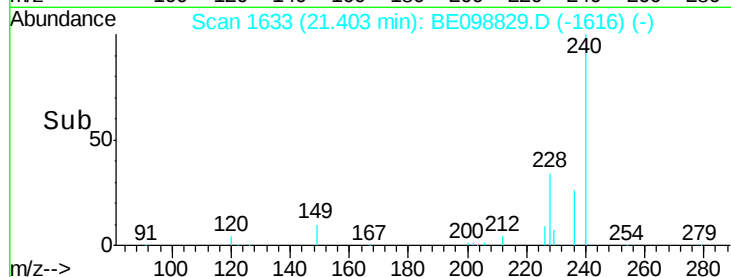
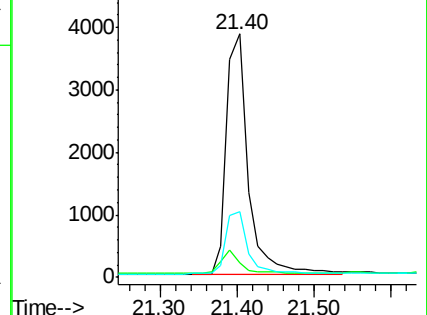
236 26.9 22.7 34.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.400 ng

RT: 19.64 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BE098829.D

Acq: 8 Mar 2019 9:27

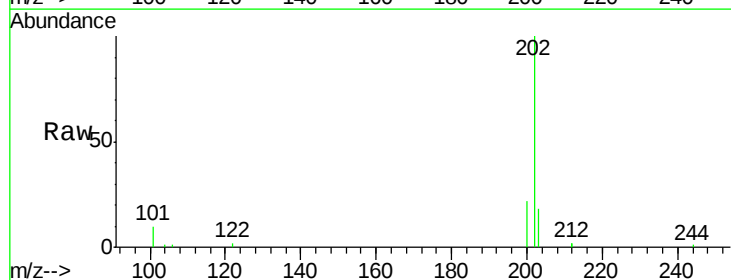
Tgt Ion:202 Resp: 9242

Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.6

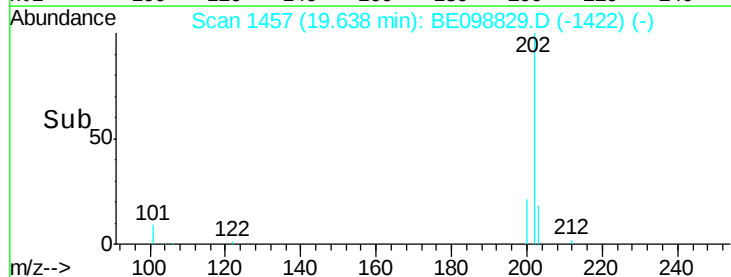
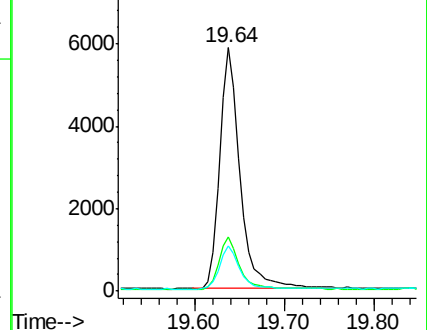
203 18.0 14.2 21.2

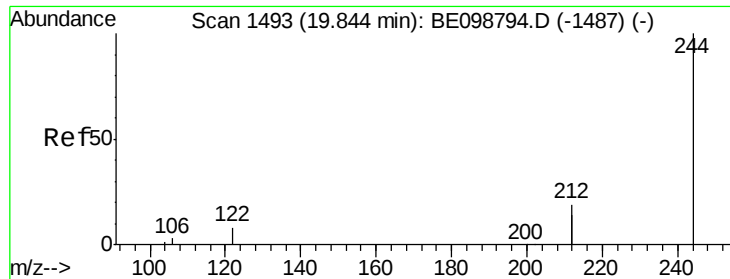


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.390 ng

RT: 19.84 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BE098829.D

Acq: 8 Mar 2019 9:27

Instrument :

BNA_E

ClientSampled :

SSTDCCC0.4

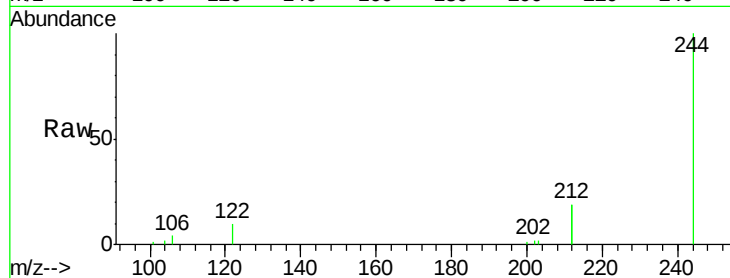
Tgt Ion:244 Resp: 7147

Ion Ratio Lower Upper

244 100

212 37.4 29.4 44.2

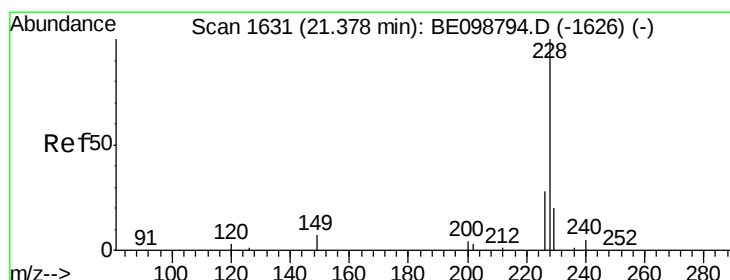
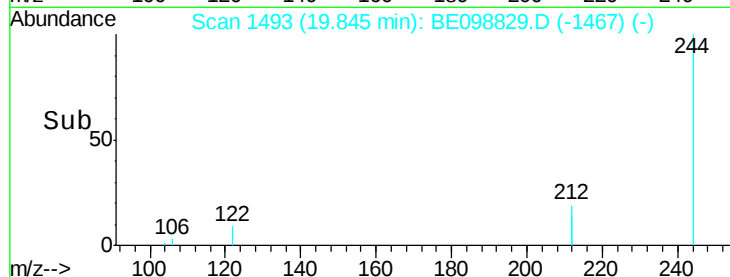
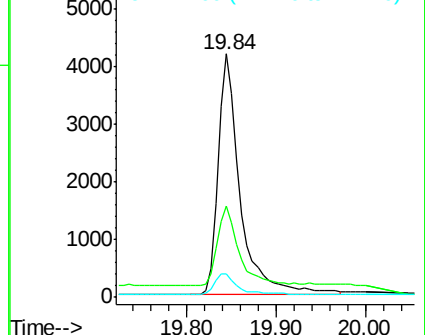
122 9.9 7.1 10.7



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: 0.400 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE098829.D

Acq: 8 Mar 2019 9:27

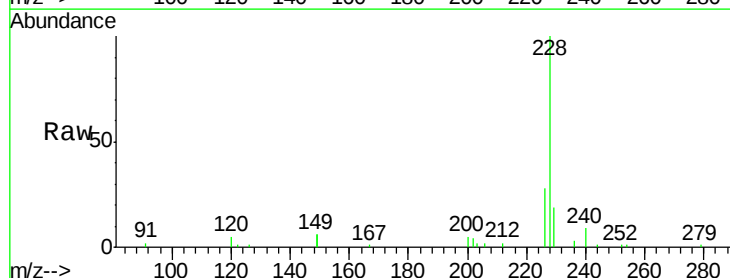
Tgt Ion:228 Resp: 9417

Ion Ratio Lower Upper

228 100

226 28.0 23.0 34.4

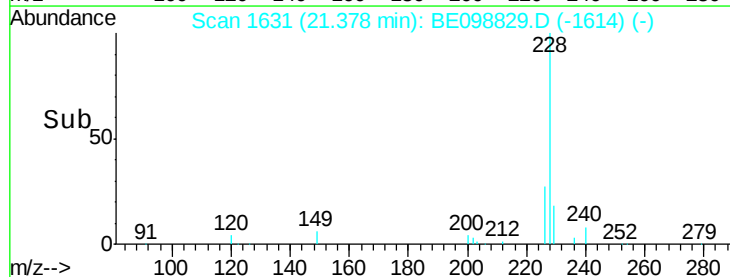
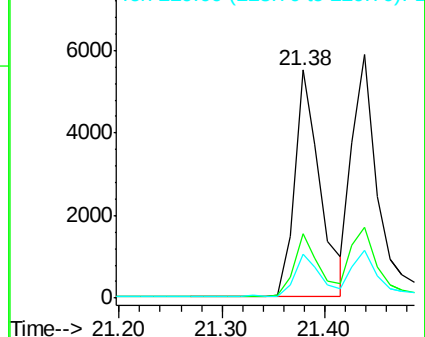
229 19.2 16.5 24.7

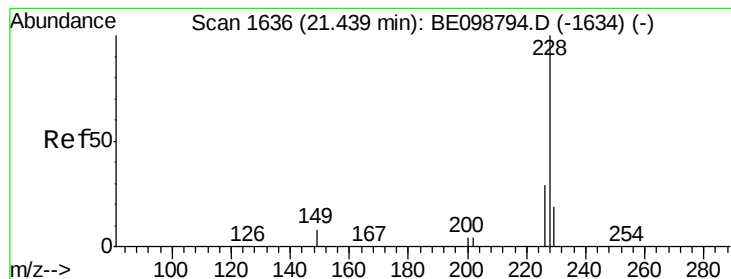


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.375 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE098829.D

Acq: 8 Mar 2019 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

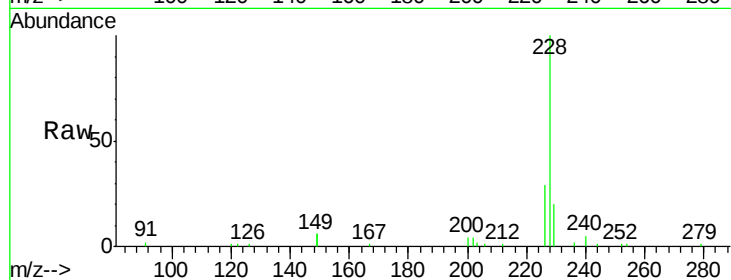
Tgt Ion:228 Resp: 9442

Ion Ratio Lower Upper

228 100

226 29.2 23.7 35.5

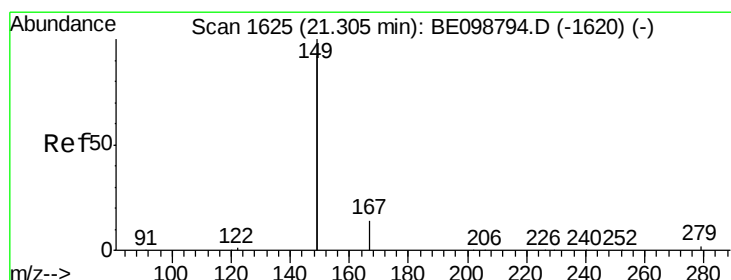
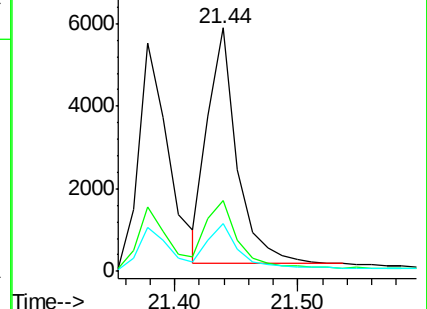
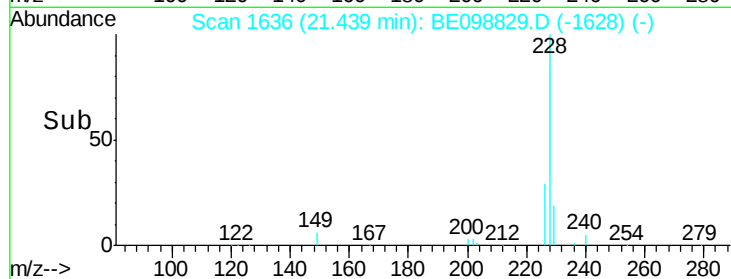
229 19.8 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.367 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE098829.D

Acq: 8 Mar 2019 9:27

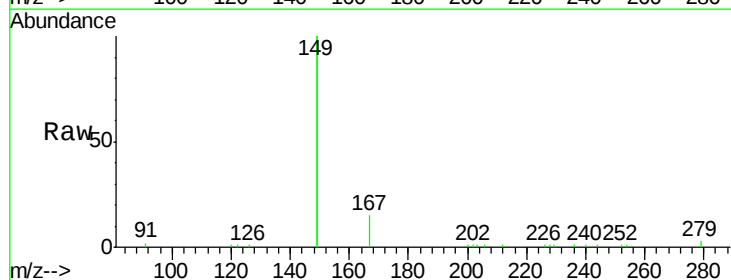
Tgt Ion:149 Resp: 18389

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

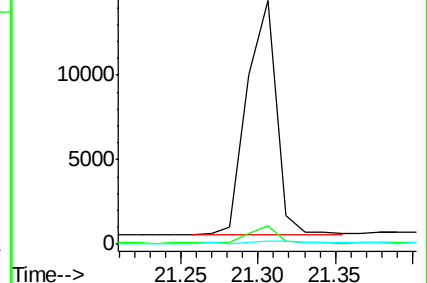
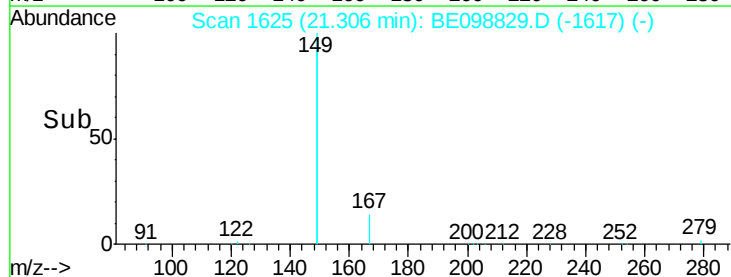
279 1.1 1.0 1.4

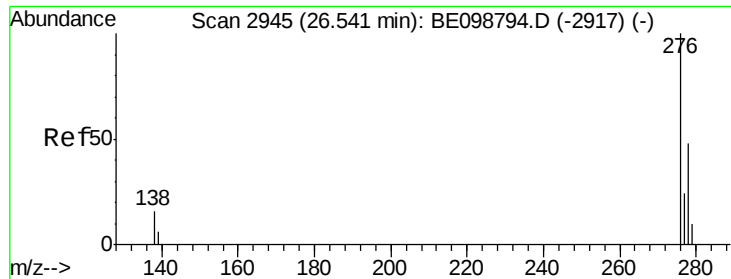


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.386 ng

RT: 26.53 min Scan# 2943

Delta R.T. -0.01 min

Lab File: BE098829.D

Acq: 8 Mar 2019 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

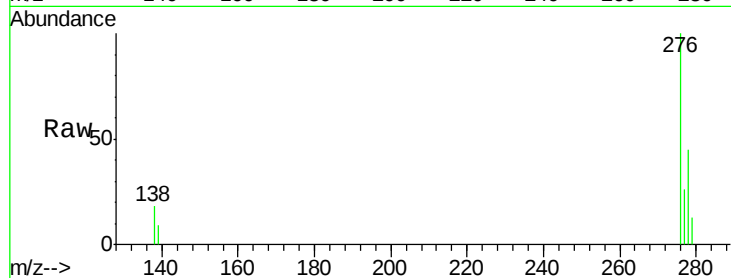
Tgt Ion:276 Resp: 10273

Ion Ratio Lower Upper

276 100

138 19.1 13.8 20.8

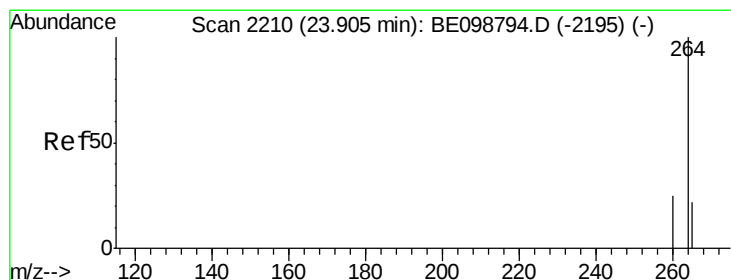
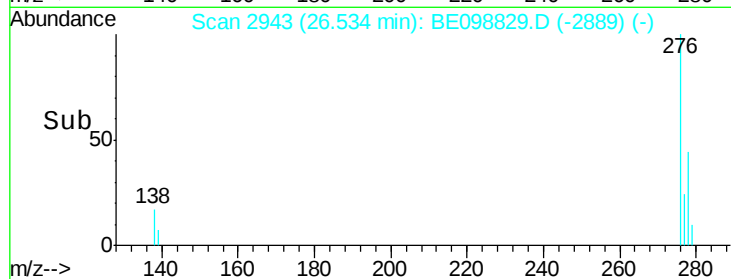
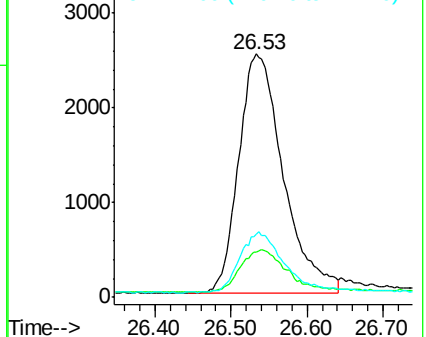
277 25.5 19.5 29.3



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: BE098829.D

Acq: 8 Mar 2019 9:27

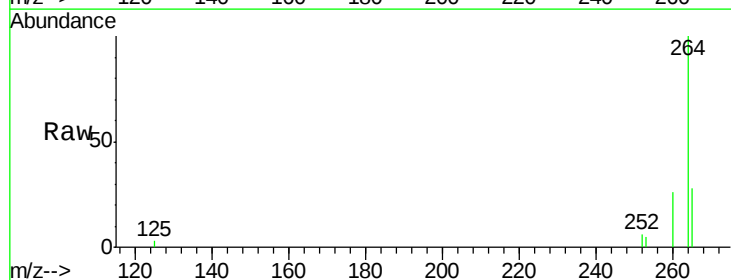
Tgt Ion:264 Resp: 7316

Ion Ratio Lower Upper

264 100

260 25.9 21.2 31.8

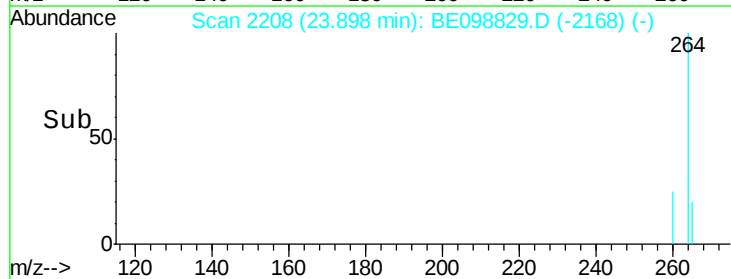
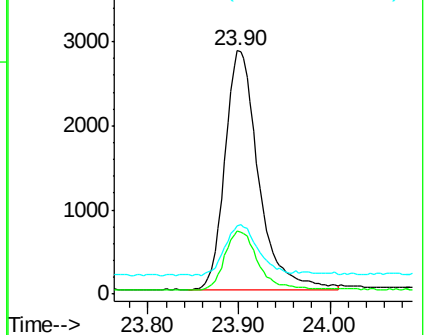
265 28.1 24.6 36.8

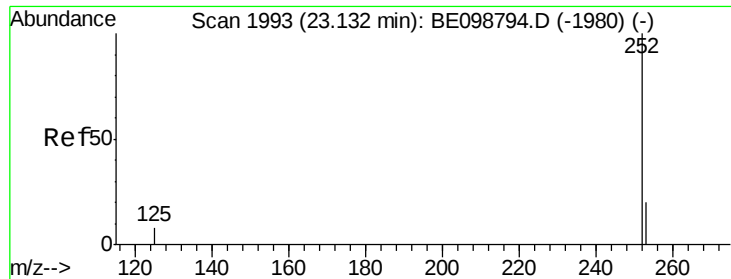


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.383 ng

RT: 23.13 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BE098829.D

Acq: 8 Mar 2019 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

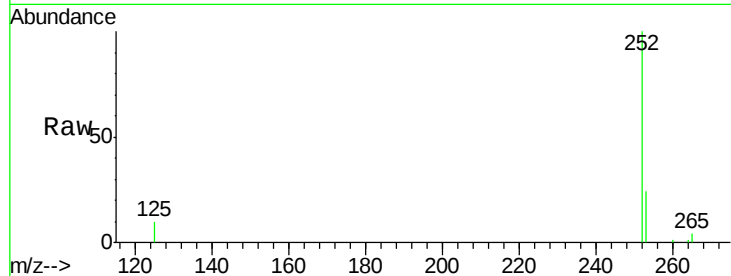
Tgt Ion:252 Resp: 9214

Ion Ratio Lower Upper

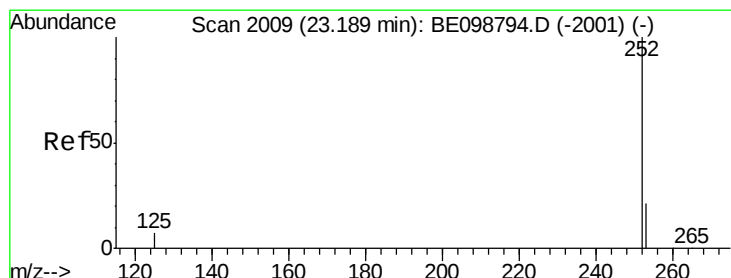
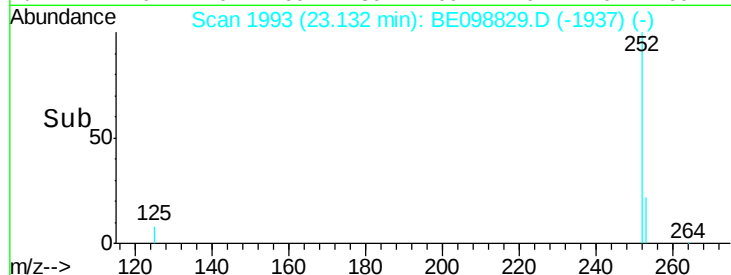
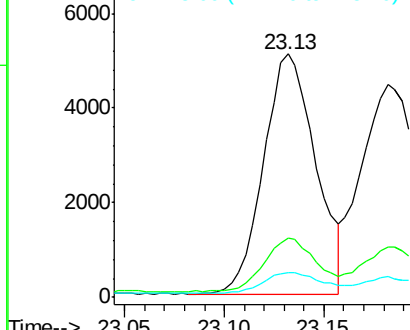
252 100

253 24.4 18.2 27.2

125 10.1 7.3 10.9



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: 0.401 ng

RT: 23.18 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BE098829.D

Acq: 8 Mar 2019 9:27

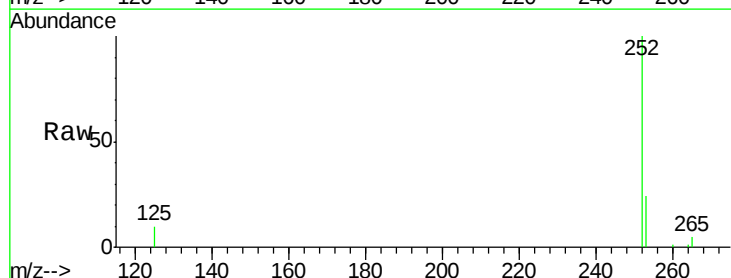
Tgt Ion:252 Resp: 10111

Ion Ratio Lower Upper

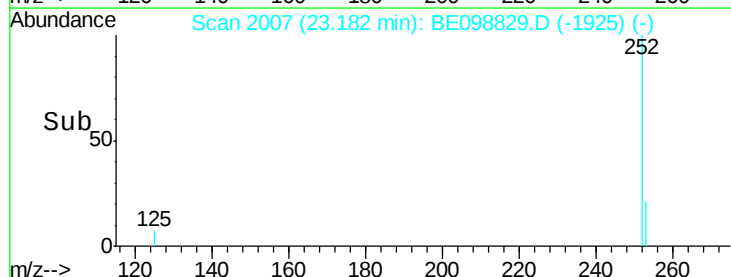
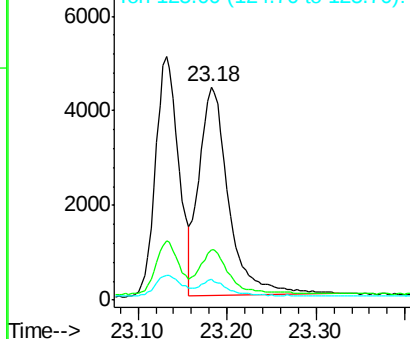
252 100

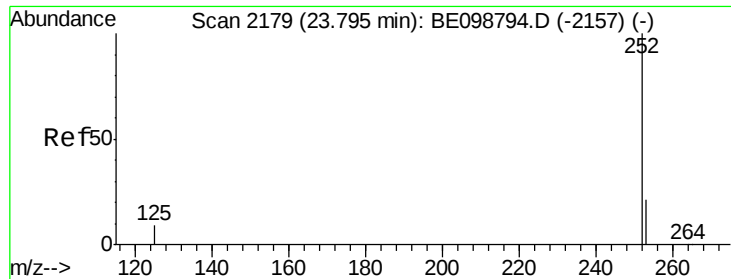
253 23.6 19.3 28.9

125 9.6 7.5 11.3



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: 0.384 ng

RT: 23.79 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BE098829.D

Acq: 8 Mar 2019 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

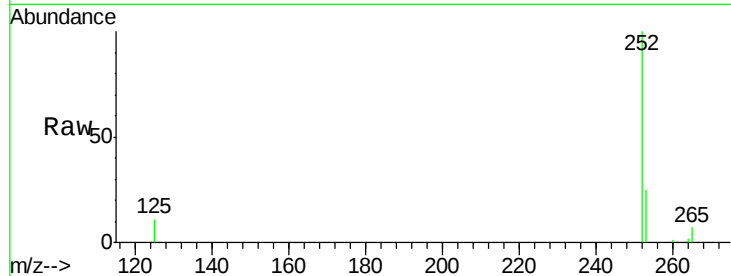
Tgt Ion:252 Resp: 8860

Ion Ratio Lower Upper

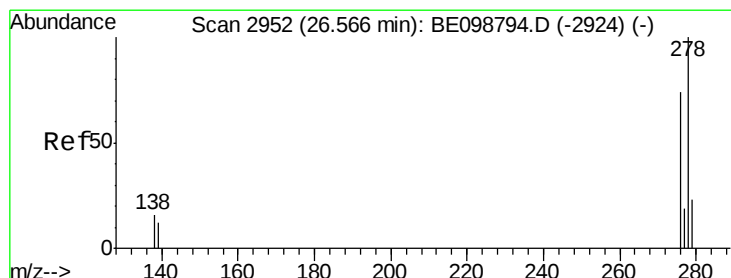
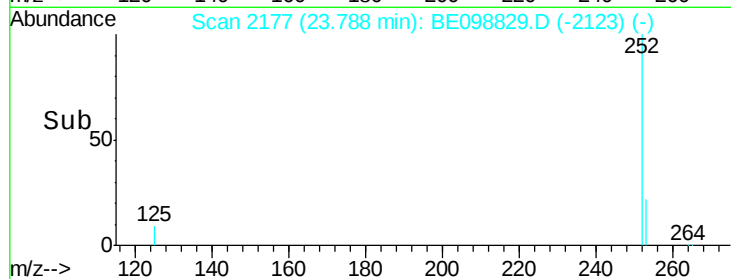
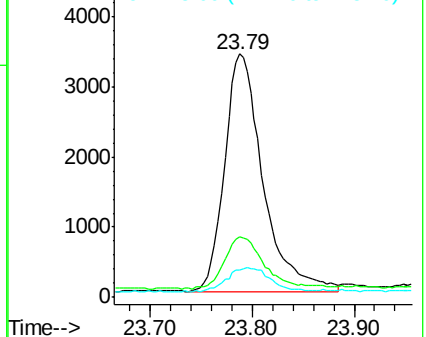
252 100

253 25.0 19.9 29.9

125 11.2 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: 0.386 ng

RT: 26.56 min Scan# 2950

Delta R.T. -0.01 min

Lab File: BE098829.D

Acq: 8 Mar 2019 9:27

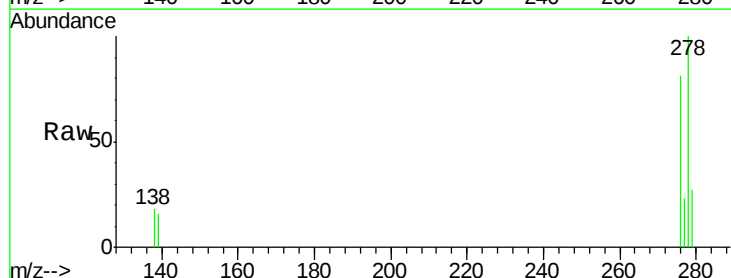
Tgt Ion:278 Resp: 8422

Ion Ratio Lower Upper

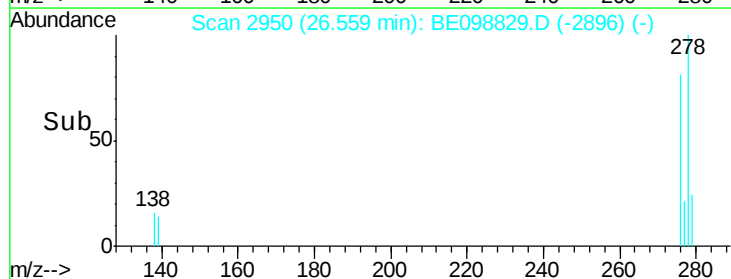
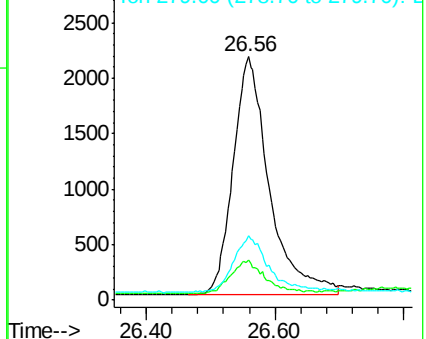
278 100

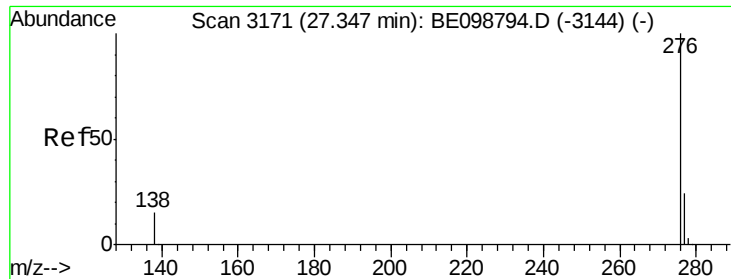
139 16.2 11.8 17.6

279 26.5 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(g,h,i)perylene

Concen: 0.387 ng

RT: 27.34 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BE098829.D

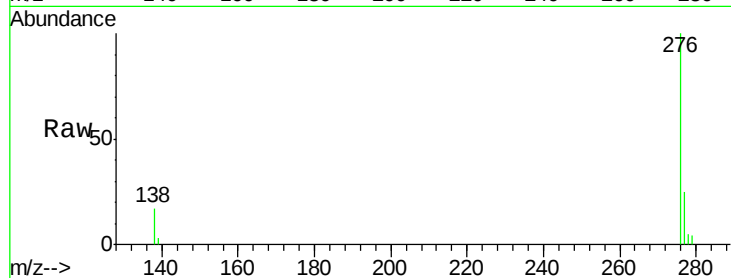
Acq: 8 Mar 2019 9:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



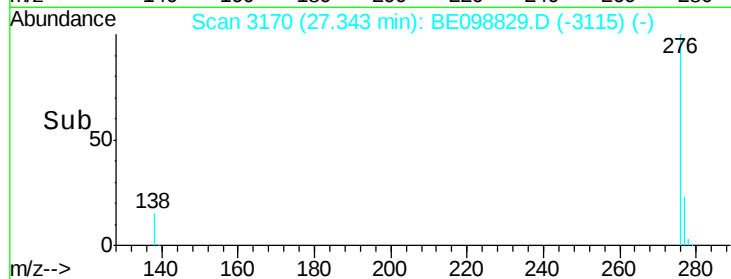
Tgt Ion: 276 Resp: 8841

Ion Ratio Lower Upper

276 100

277 25.1 20.4 30.6

138 17.4 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

