

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031119\
 Data File : BE098857.D
 Acq On : 11 Mar 2019 11:08
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 11 13:41:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	841	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3667	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2399	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6098	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7187	0.40	ng	0.00
34) Perylene-d12	23.90	264	6907	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	787	0.31	ng	0.01
5) Phenol-d6	6.99	99	1317	0.37	ng	0.00
8) Nitrobenzene-d5	8.96	82	1337	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	2658	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	386	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4084	0.41	ng	0.00
25) Fluoranthene-d10	19.25	212	34481	0.35	ng	0.00
29) Terphenyl-d14	19.84	244	6686	0.38	ng	0.00

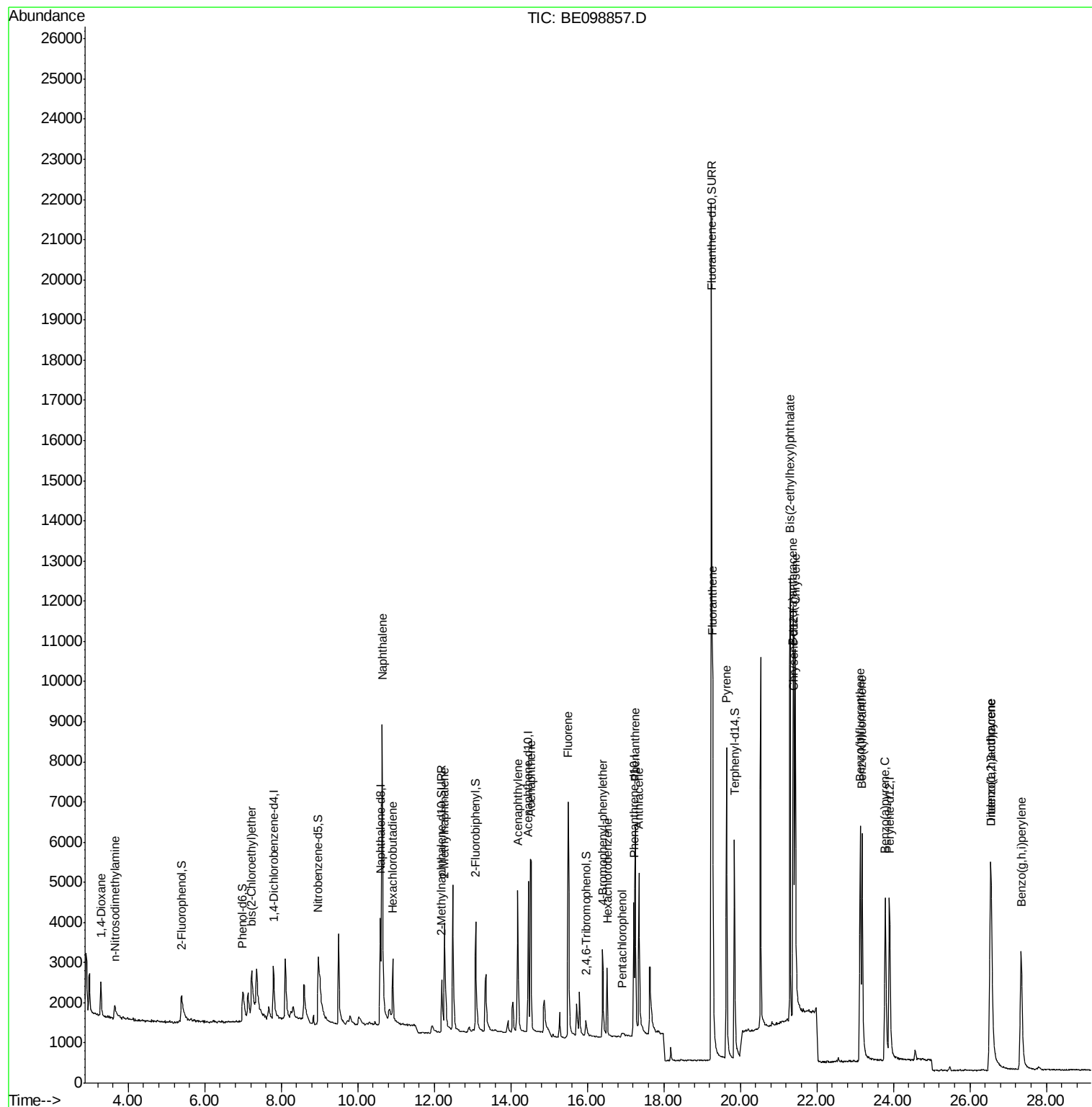
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	655	0.402	ng	100
3) n-Nitrosodimethylamine	3.65	42	471	0.223	ng	# 87
6) bis(2-Chloroethyl)ether	7.23	93	935	0.341	ng	# 87
9) Naphthalene	10.64	128	16930	0.403	ng	100
10) Hexachlorobutadiene	10.91	225	1068	0.384	ng	98
12) 2-Methylnaphthalene	12.27	142	2607	0.383	ng	96
16) Acenaphthylene	14.18	152	4734	0.384	ng	99
17) Acenaphthene	14.53	154	2808	0.384	ng	99
18) Fluorene	15.50	166	3989	0.378	ng	96
20) 4-Bromophenyl-phenylether	16.40	248	1189	0.360	ng	94
21) Hexachlorobenzene	16.52	284	1531	0.390	ng	97
22) Pentachlorophenol	16.91	266	157	0.382	ng	96
23) Phenanthrene	17.26	178	6586	0.380	ng	99
24) Anthracene	17.35	178	5263	0.355	ng	100
26) Fluoranthene	19.28	202	8762	0.358	ng	99
28) Pyrene	19.64	202	8943	0.407	ng	99
30) Benzo(a)anthracene	21.38	228	8572	0.382	ng	98
31) Chrysene	21.44	228	9247	0.385	ng	100
32) Bis(2-ethylhexyl)phthalate	21.31	149	14740	0.309	ng	100
33) Indeno(1,2,3-cd)pyrene	26.54	276	10059	0.397	ng	# 88
35) Benzo(b)fluoranthene	23.13	252	8704	0.383	ng	96
36) Benzo(k)fluoranthene	23.18	252	9721	0.409	ng	99
37) Benzo(a)pyrene	23.79	252	8468	0.389	ng	98
38) Dibenzo(a,h)anthracene	26.56	278	7754	0.376	ng	99
39) Benzo(g,h,i)perylene	27.34	276	8497	0.394	ng	98

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

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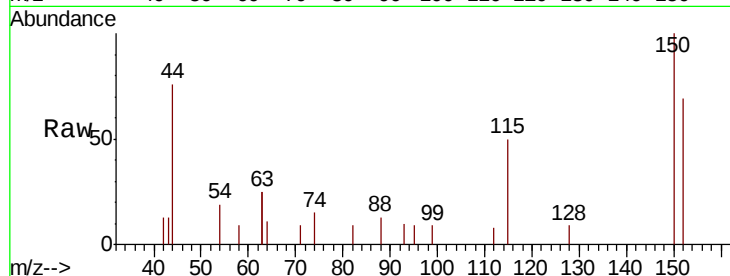


#1

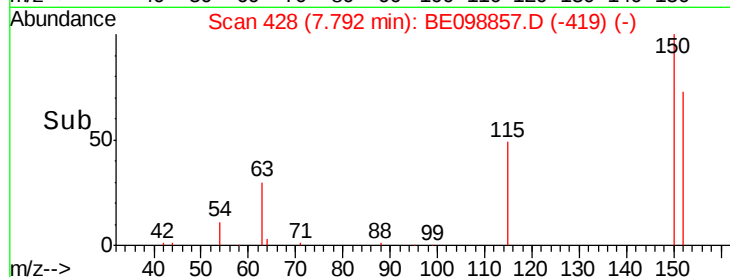
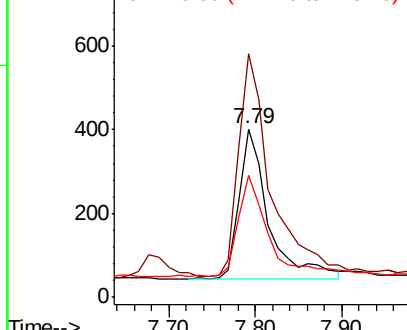
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098857.D
Acq: 11 Mar 2019 11:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 841
Ion Ratio Lower Upper
152 100
150 144.5 122.5 183.7
115 72.1 57.4 86.2



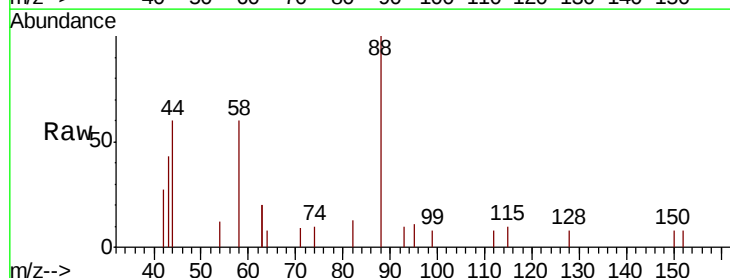
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



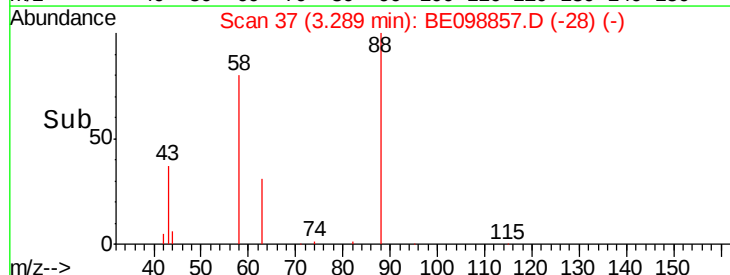
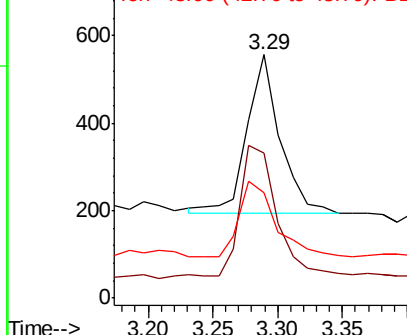
#2

1,4-Dioxane
Concen: 0.402 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098857.D
Acq: 11 Mar 2019 11:08

Tgt Ion: 88 Resp: 655
Ion Ratio Lower Upper
88 100
58 94.8 75.8 113.6
43 51.8 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



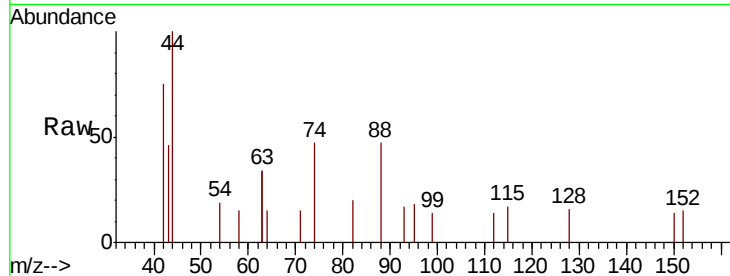


#3

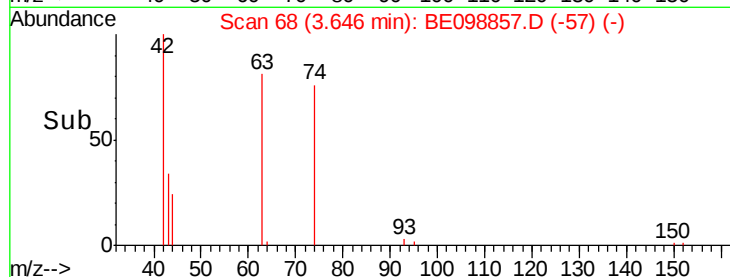
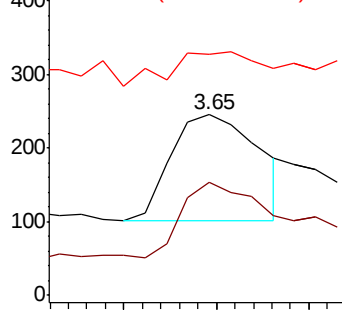
n-Nitrosodimethylamine
 Concen: 0.223 ng
 RT: 3.65 min Scan# 68
 Delta R.T. 0.02 min
 Lab File: BE098857.D
 Acq: 11 Mar 2019 11:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 42 Resp: 471
 Ion Ratio Lower Upper
 42 100
 74 60.5 57.0 85.4
 44 33.5 0.0 0.0#



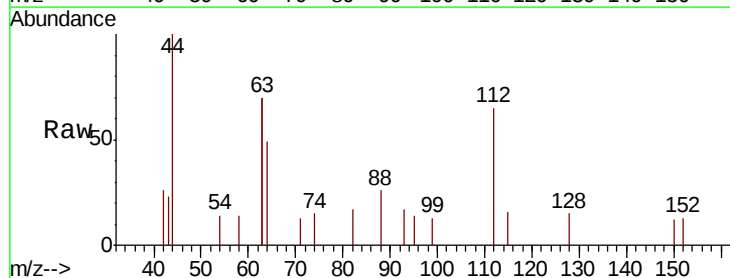
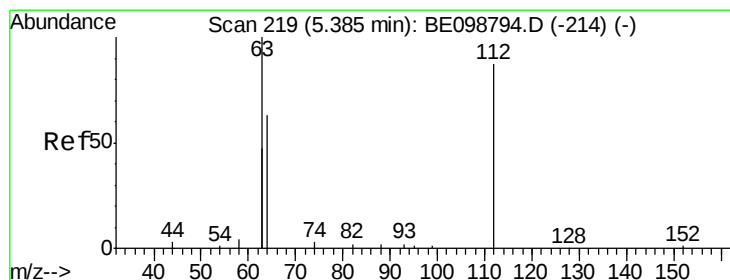
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



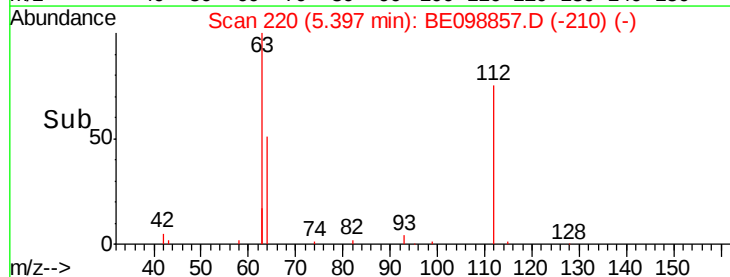
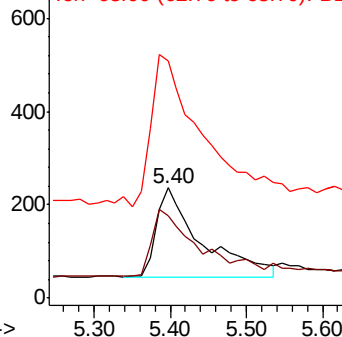
#4

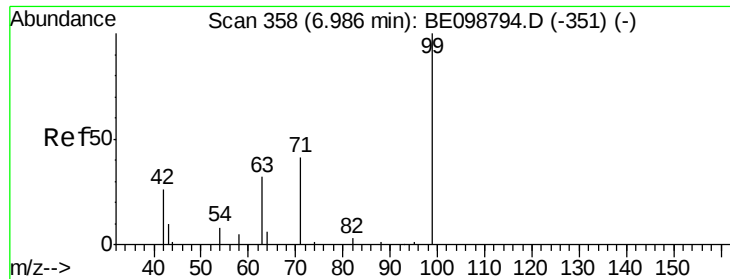
2-Fluorophenol
 Concen: 0.313 ng
 RT: 5.40 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: BE098857.D
 Acq: 11 Mar 2019 11:08

Tgt Ion: 112 Resp: 787
 Ion Ratio Lower Upper
 112 100
 64 78.0 57.9 86.9
 63 197.3 158.3 237.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.371 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098857.D

Acq: 11 Mar 2019 11:08

Instrument :

BNA_G

ClientSampleId :

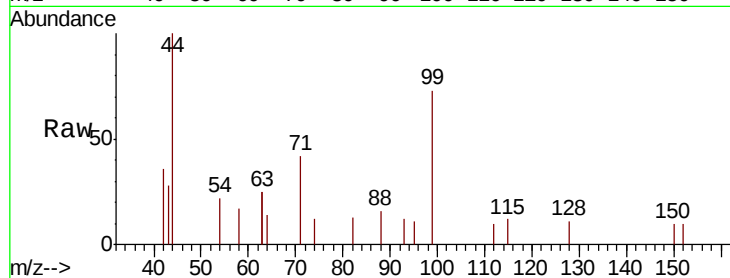
Tot Ion: 99 Resp: 1317

Ion Ratio Lower Upper

99 100

42 30.8 24.2 36.2

71 44.8 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

6.99

300

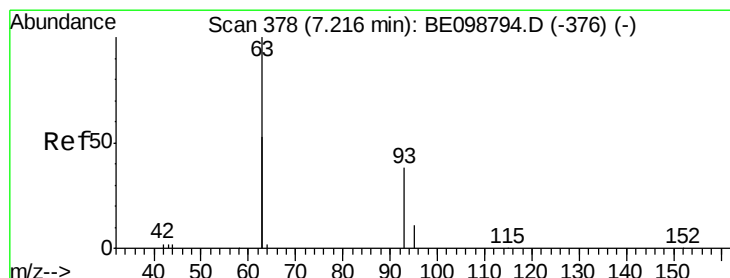
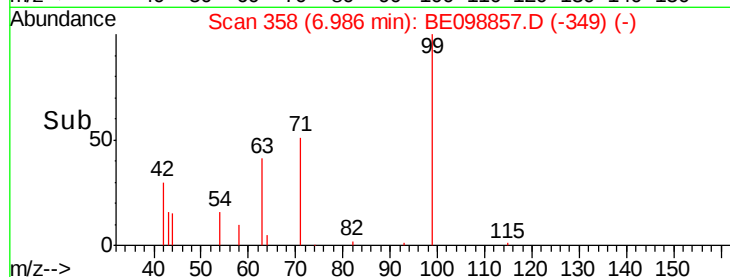
200

100

0

6.90 7.00 7.10 7.20 7.30

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.341 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE098857.D

Acq: 11 Mar 2019 11:08

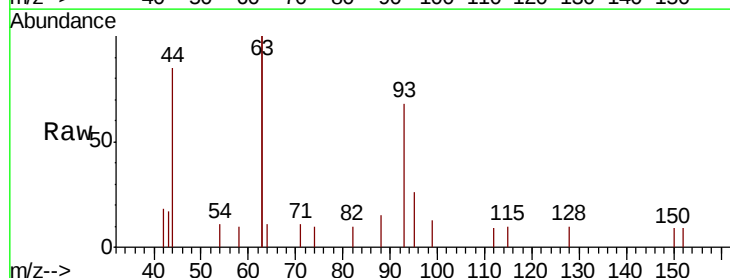
Tgt Ion: 93 Resp: 935

Ion Ratio Lower Upper

93 100

63 283.1 247.5 371.3

95 33.2 21.8 32.8#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

7.23

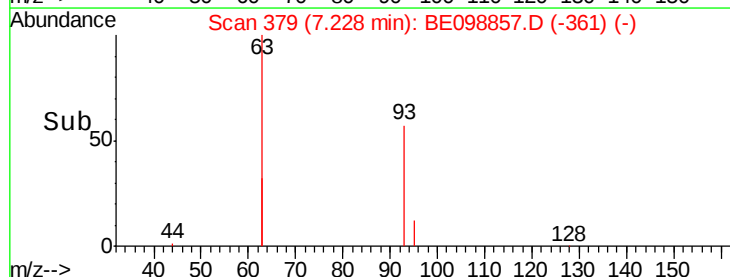
1000

500

0

7.20 7.30 7.40

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098857.D

Acq: 11 Mar 2019 11:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 3667

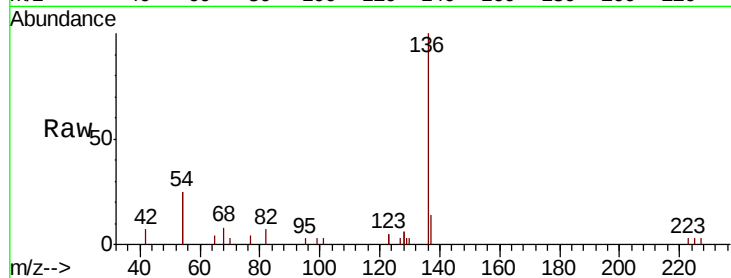
Ion Ratio Lower Upper

136 100

137 13.7 11.4 17.0

54 49.6 39.3 58.9

68 8.0 6.7 10.1

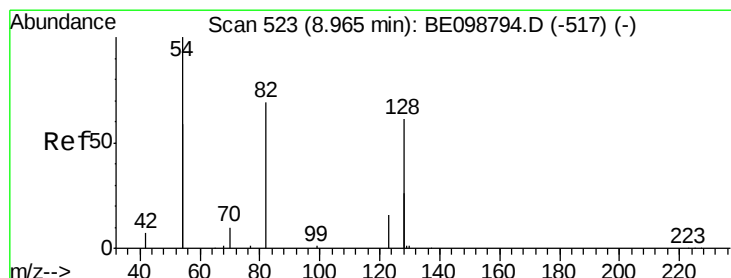
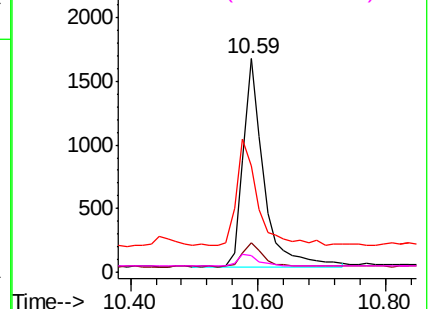
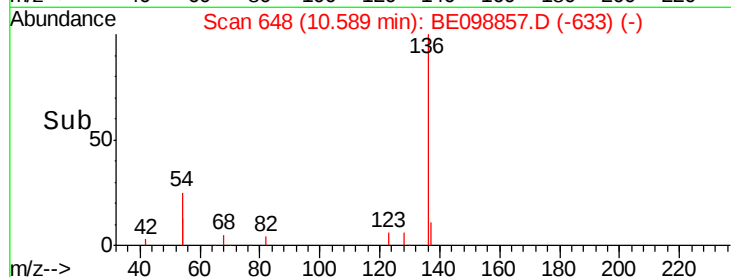


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.348 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE098857.D

Acq: 11 Mar 2019 11:08

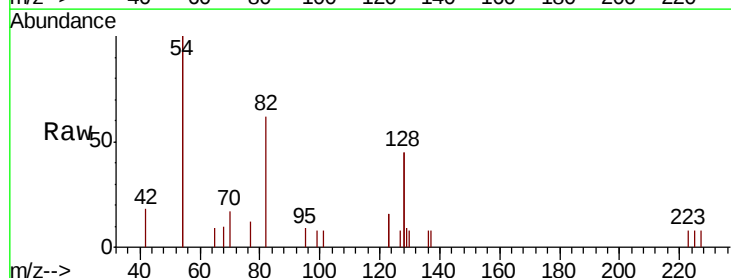
Tgt Ion: 82 Resp: 1337

Ion Ratio Lower Upper

82 100

128 145.3 123.8 185.8

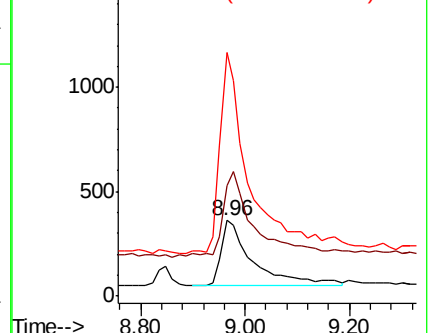
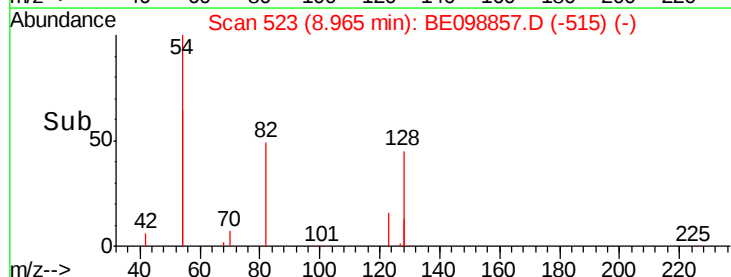
54 322.1 203.4 305.2#



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: 0.403 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE098857.D

Acq: 11 Mar 2019 11:08

Instrument :

BNA_G

ClientSampleId :

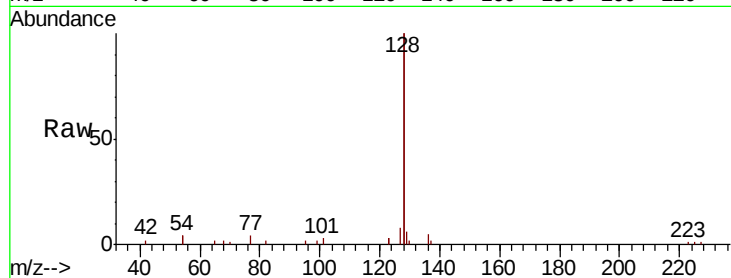
Tot Ion:128 Resp: 16930

Ion Ratio Lower Upper

128 100

129 3.2 2.6 4.0

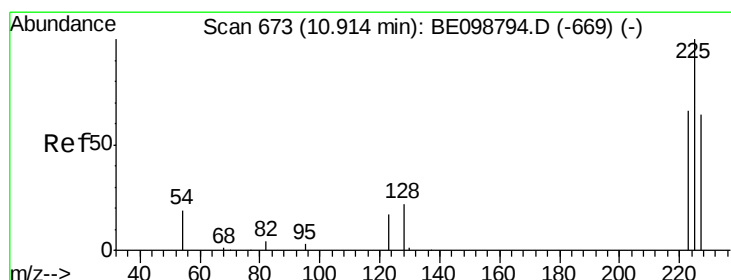
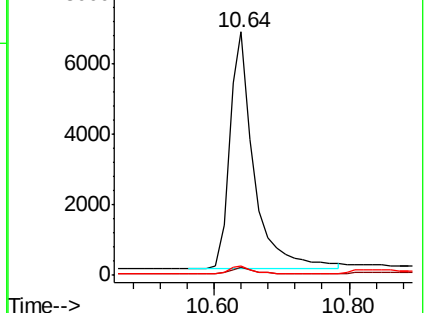
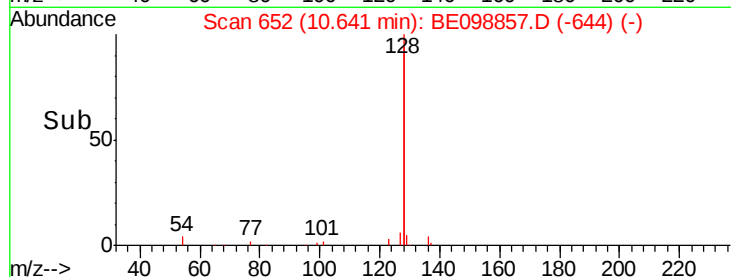
127 3.9 3.1 4.7



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: 0.384 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE098857.D

Acq: 11 Mar 2019 11:08

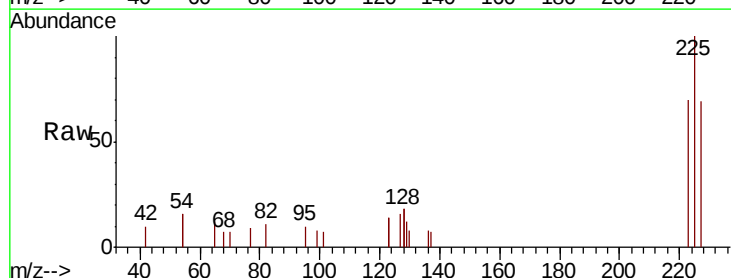
Tgt Ion:225 Resp: 1068

Ion Ratio Lower Upper

225 100

223 66.4 51.1 76.7

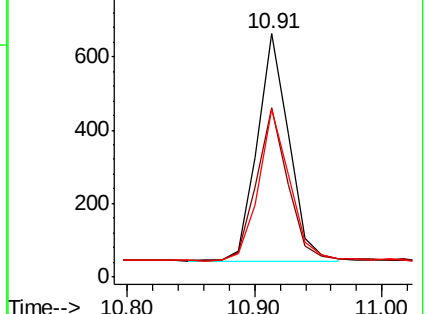
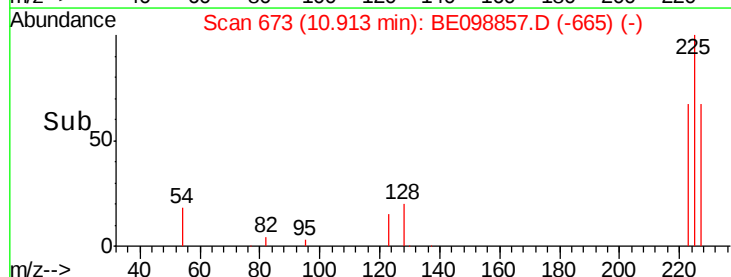
227 65.5 51.6 77.4



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.392 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE098857.D

Acq: 11 Mar 2019 11:08

Instrument :

BNA_G

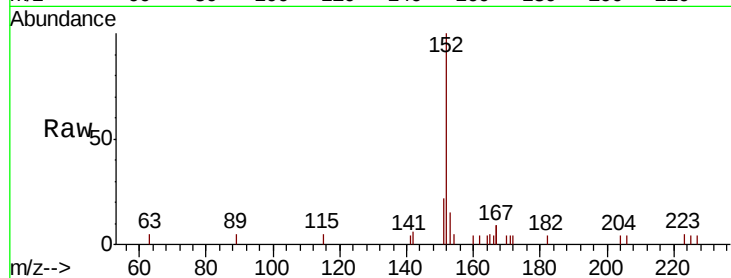
ClientSampled :

Tot Ion:152 Resp: 2658

Ion Ratio Lower Upper

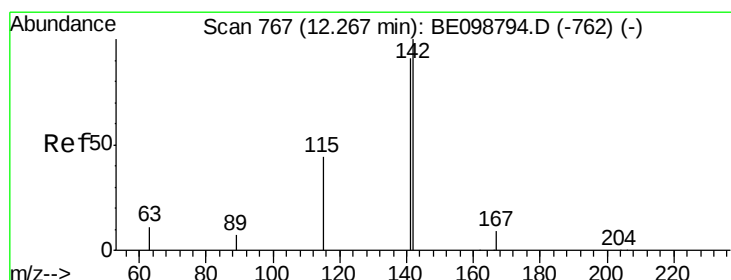
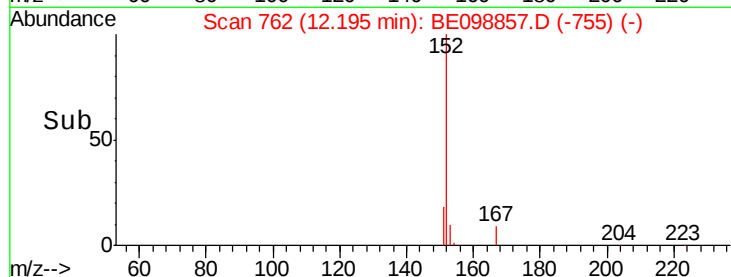
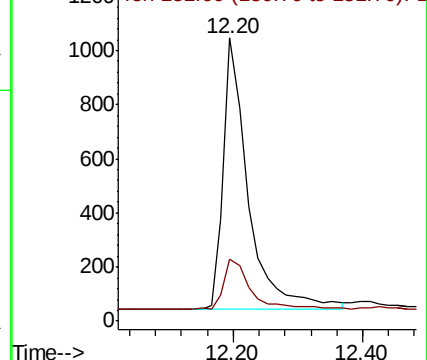
152 100

151 19.8 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: 0.383 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098857.D

Acq: 11 Mar 2019 11:08

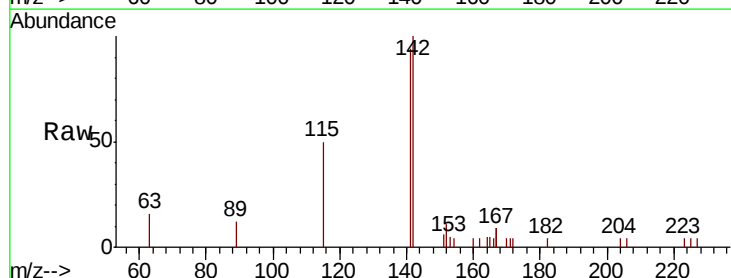
Tgt Ion:142 Resp: 2607

Ion Ratio Lower Upper

142 100

141 94.2 72.6 108.8

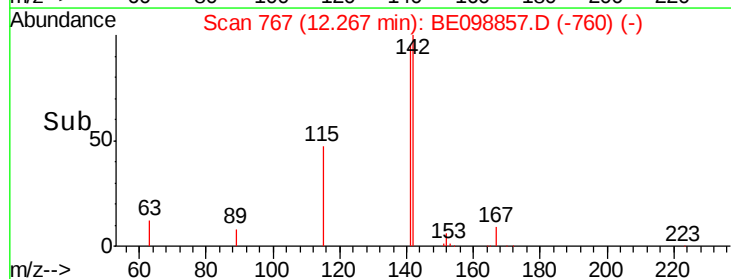
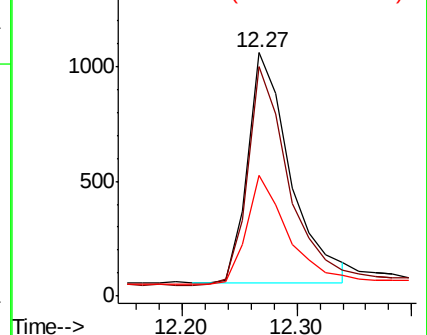
115 49.8 37.4 56.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

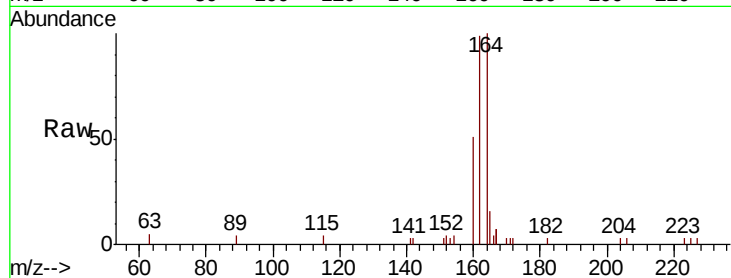




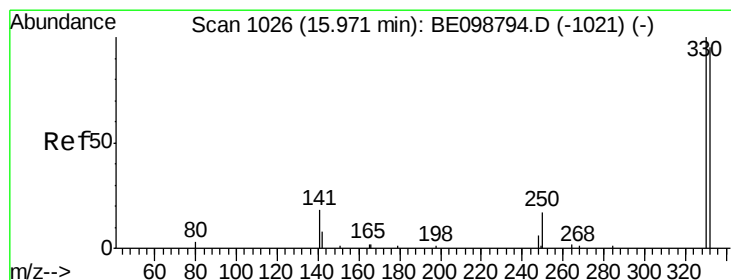
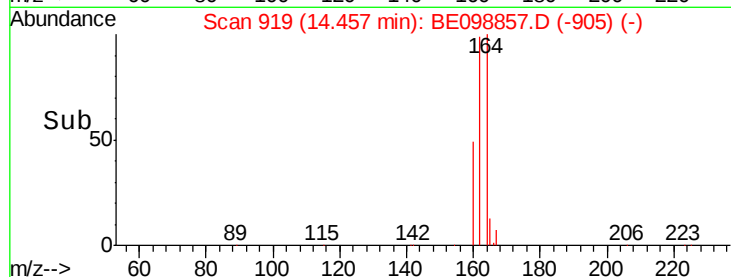
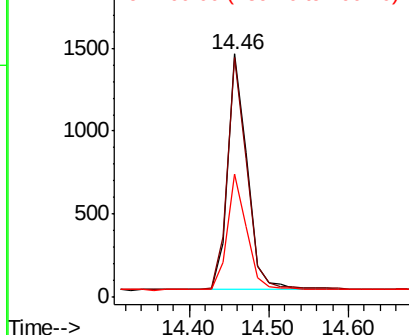
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098857.D
Acq: 11 Mar 2019 11:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 2399
Ion Ratio Lower Upper
164 100
162 98.6 80.2 120.2
160 50.6 37.8 56.8

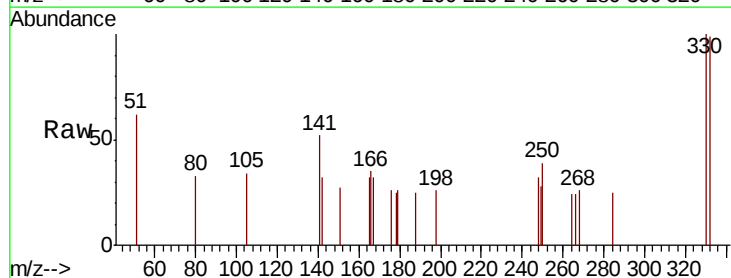


Abundance Ion 164.00 (163.70 to 164.70): E
2000 Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

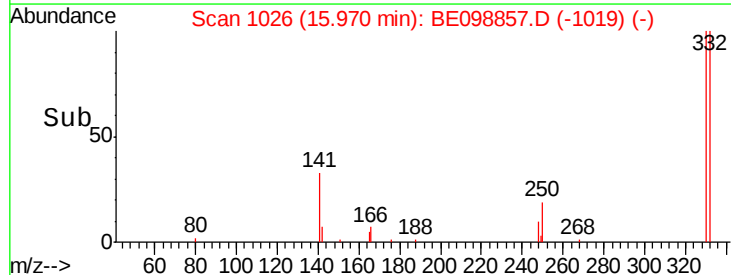
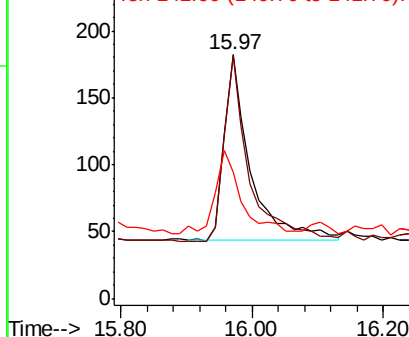


#14
2,4,6-Tribromophenol
Concen: 0.319 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098857.D
Acq: 11 Mar 2019 11:08

Tgt Ion:330 Resp: 386
Ion Ratio Lower Upper
330 100
332 97.2 77.6 116.4
141 40.7 31.0 46.4



Abundance Ion 330.00 (329.70 to 330.70): E
250 Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

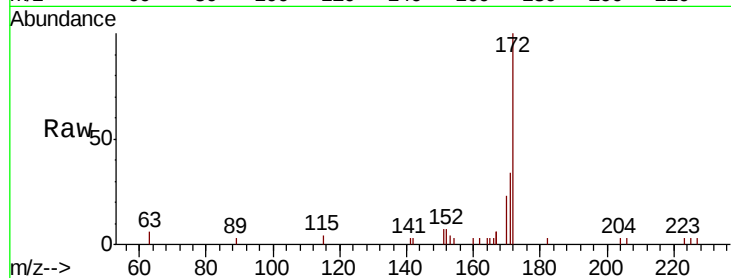




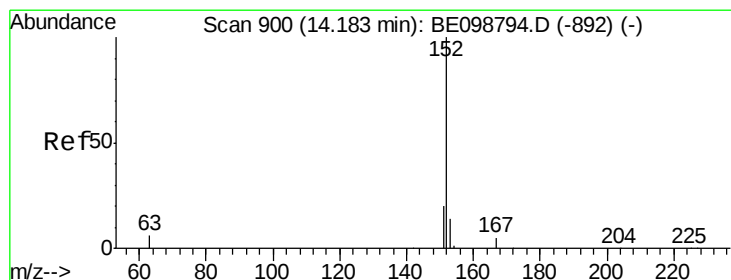
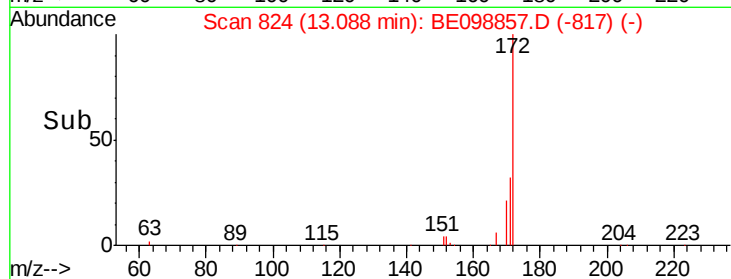
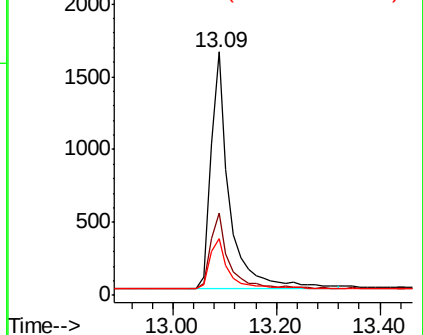
#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098857.D
Acq: 11 Mar 2019 11:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 4084
Ion Ratio Lower Upper
172 100
171 33.7 28.0 42.0
170 23.2 17.7 26.5

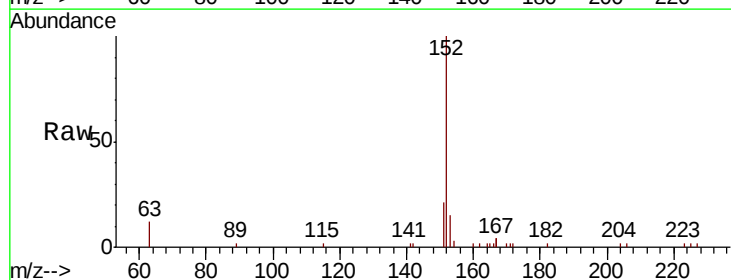


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

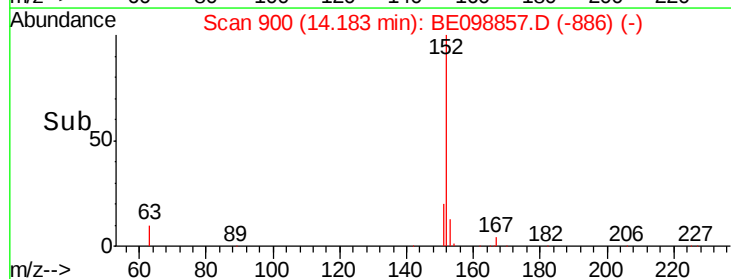
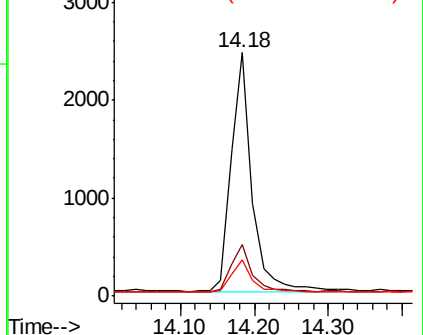


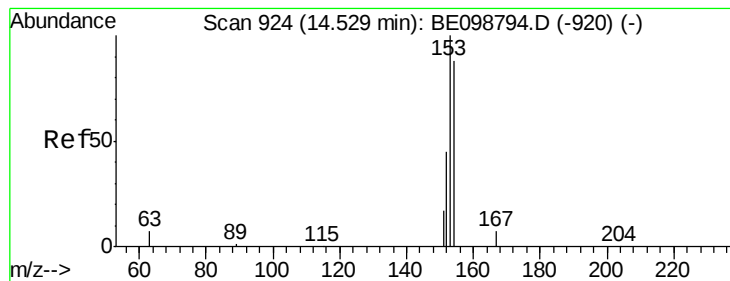
#16
Acenaphthylene
Concen: 0.384 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098857.D
Acq: 11 Mar 2019 11:08

Tgt Ion:152 Resp: 4734
Ion Ratio Lower Upper
152 100
151 20.8 17.0 25.6
153 13.2 11.2 16.8



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





#17

Acenaphthene

Concen: 0.384 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098857.D

Acq: 11 Mar 2019 11:08

Instrument :

BNA_G

ClientSampleId :

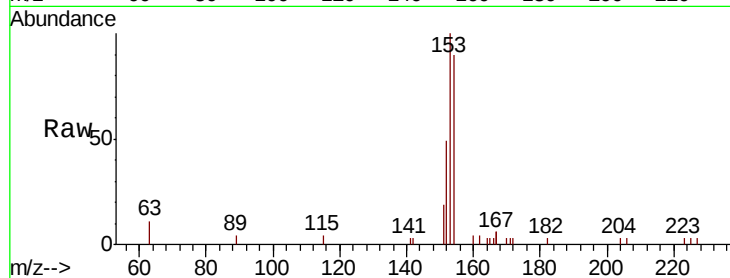
Tot Ion:154 Resp: 2808

Ion Ratio Lower Upper

154 100

153 117.4 94.2 141.4

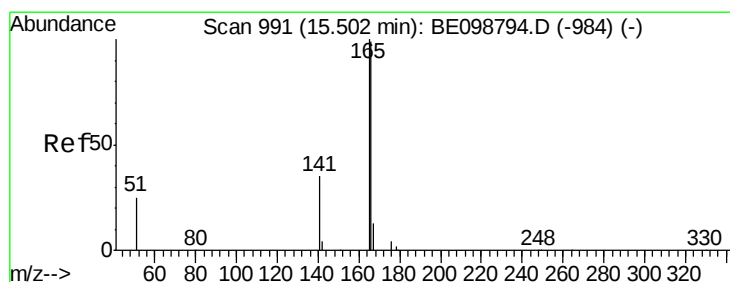
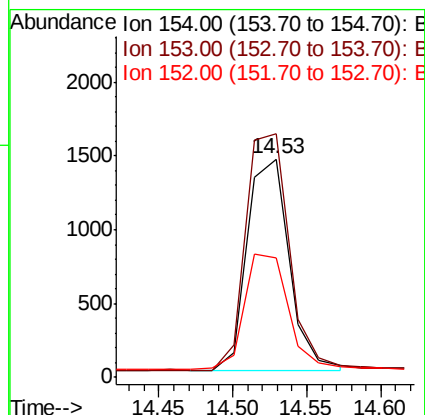
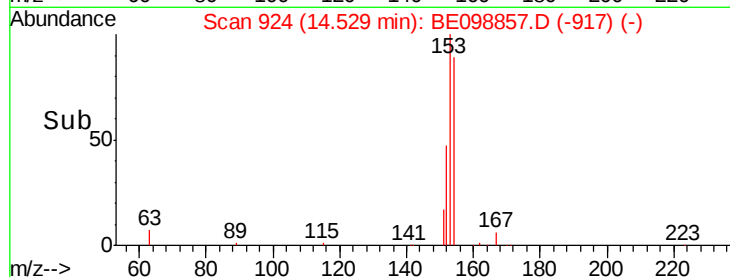
152 58.0 45.0 67.4



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: BE098857.D

Acq: 11 Mar 2019 11:08

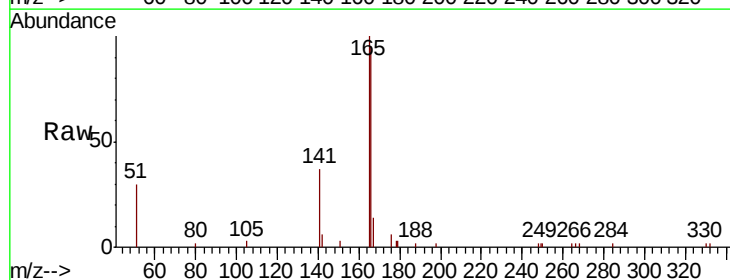
Tgt Ion:166 Resp: 3989

Ion Ratio Lower Upper

166 100

165 103.8 79.3 118.9

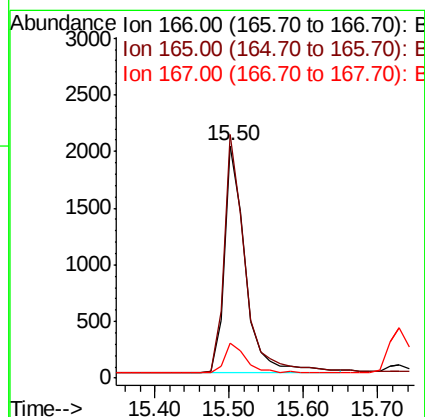
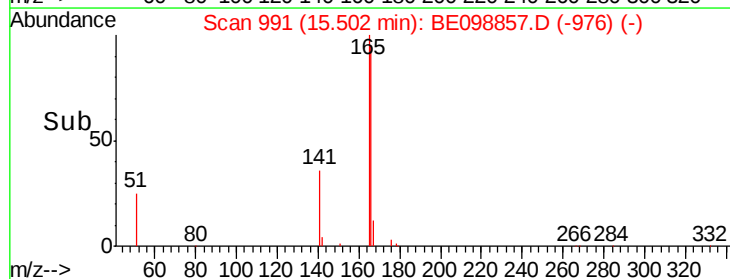
167 13.6 10.5 15.7

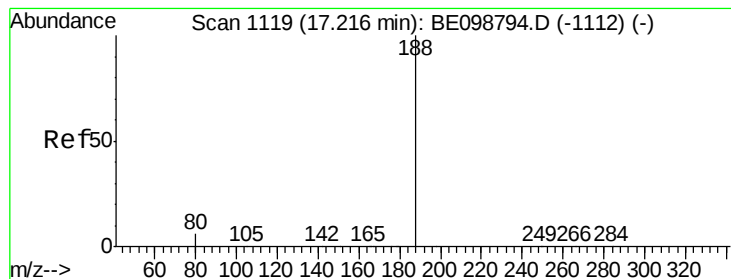


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.22 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098857.D

Acq: 11 Mar 2019 11:08

Instrument :

BNA_G

ClientSampleId :

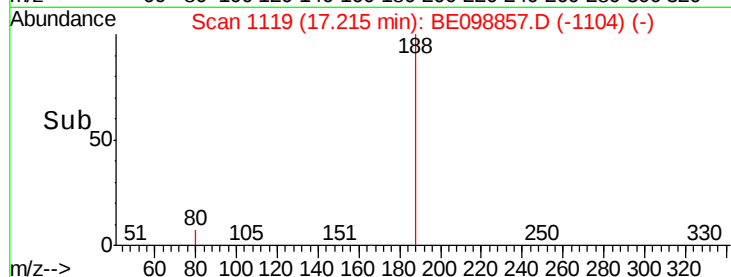
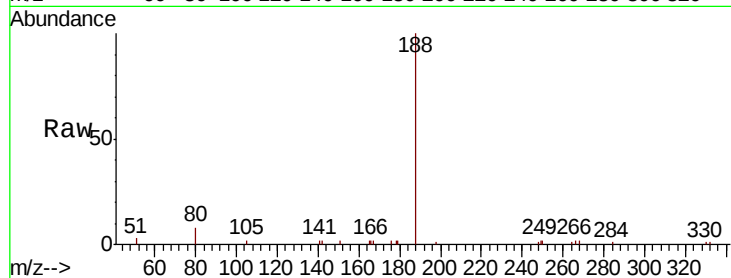
Tot Ion:188 Resp: 6098

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

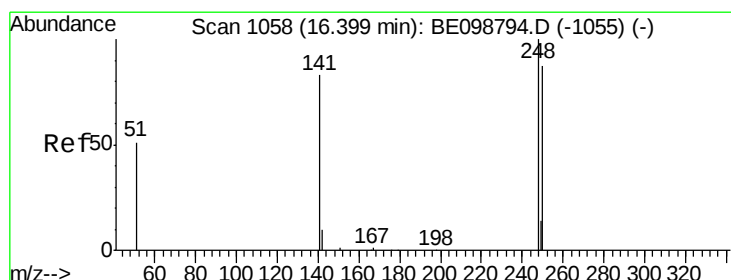
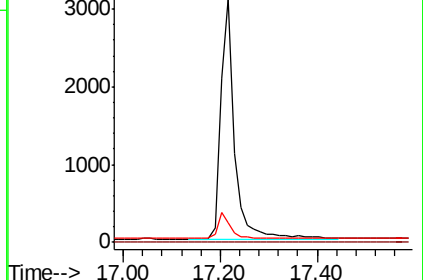
80 8.1 6.3 9.5



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: 0.360 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE098857.D

Acq: 11 Mar 2019 11:08

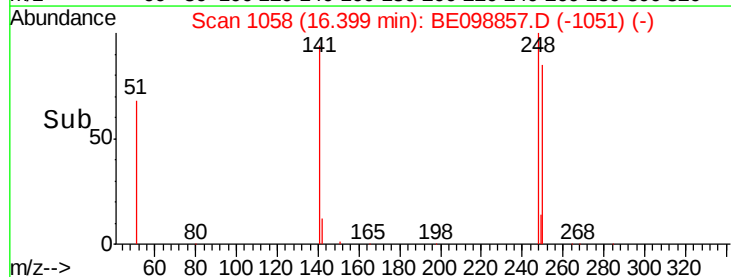
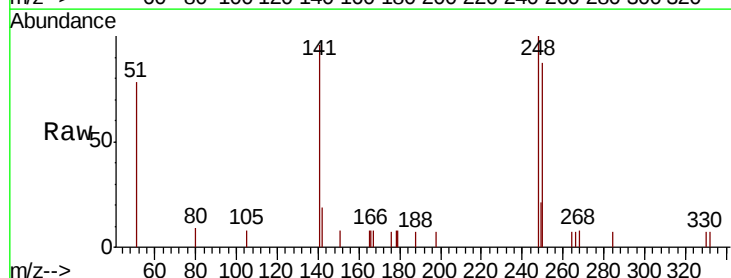
Tgt Ion:248 Resp: 1189

Ion Ratio Lower Upper

248 100

250 86.5 70.6 105.8

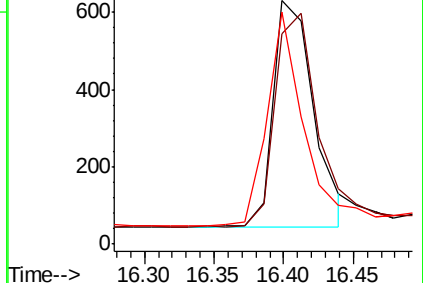
141 95.6 68.6 102.8

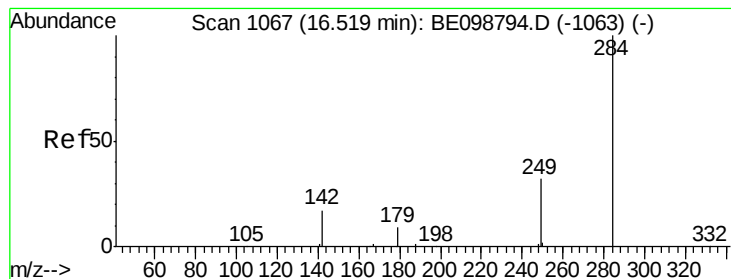


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.390 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE098857.D

Acq: 11 Mar 2019 11:08

Instrument :

BNA_G

ClientSampleId :

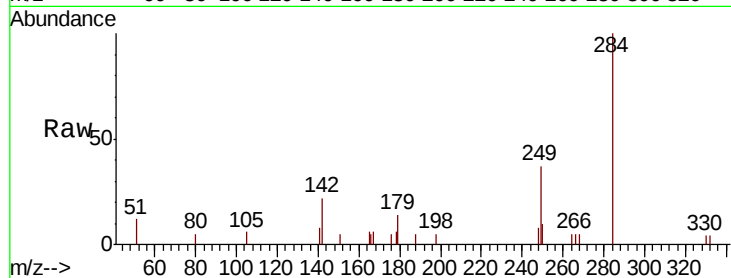
Tot Ion:284 Resp: 1531

Ion Ratio Lower Upper

284 100

142 33.8 28.7 43.1

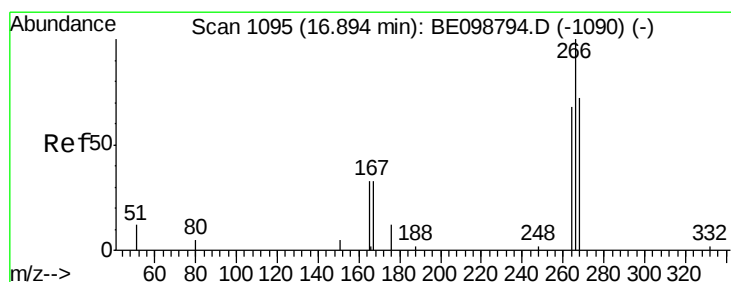
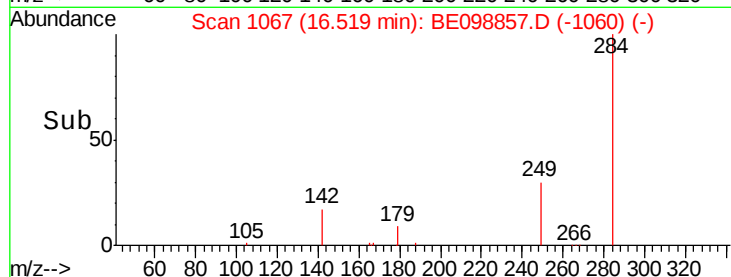
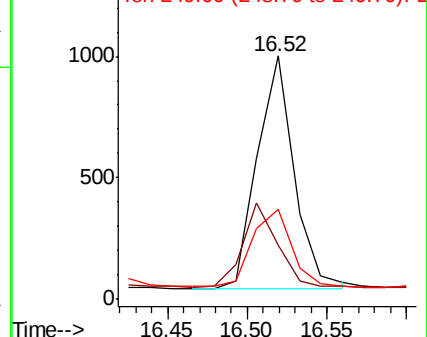
249 35.2 29.6 44.4



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: 0.382 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098857.D

Acq: 11 Mar 2019 11:08

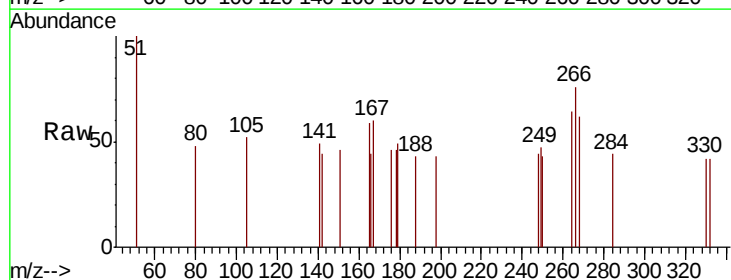
Tgt Ion:266 Resp: 157

Ion Ratio Lower Upper

266 100

264 83.7 66.6 100.0

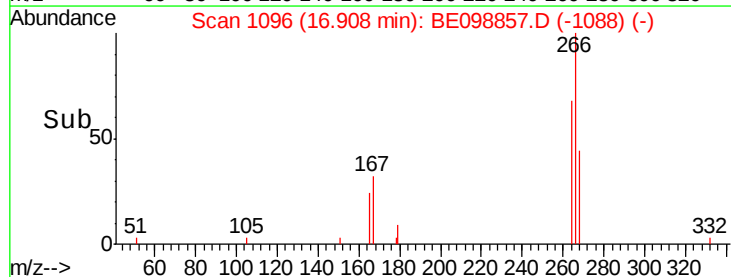
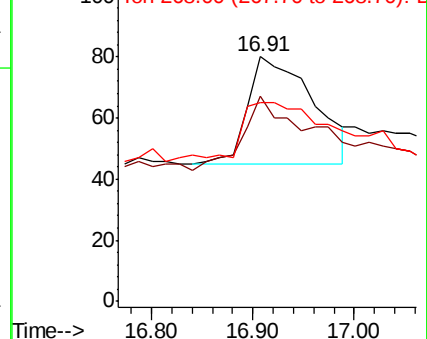
268 81.3 69.8 104.8



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.380 ng

RT: 17.26 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098857.D

Acq: 11 Mar 2019 11:08

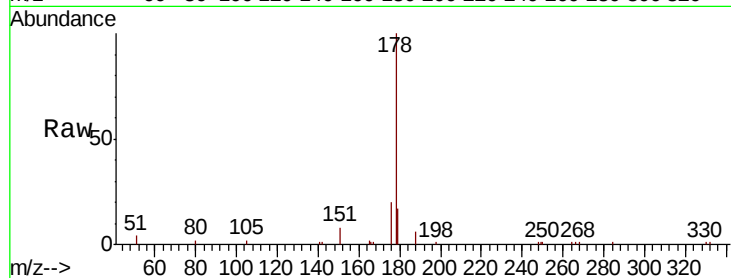
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 6586

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	15.3	12.1	18.1

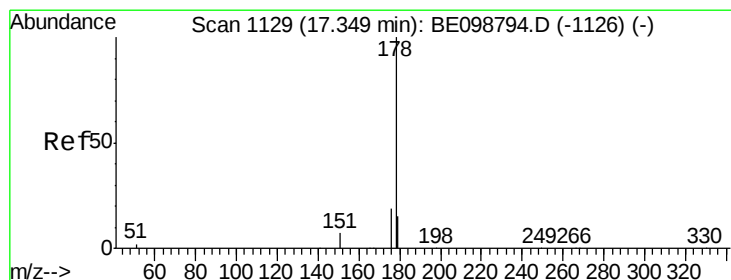
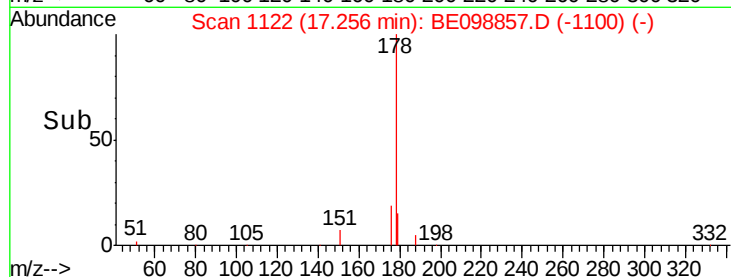
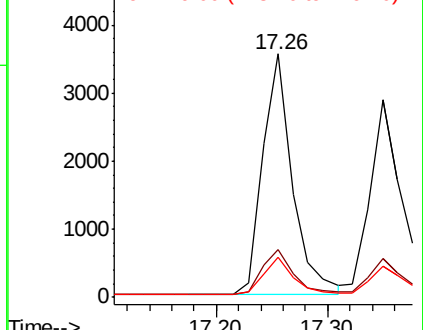


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.355 ng

RT: 17.35 min Scan# 1129

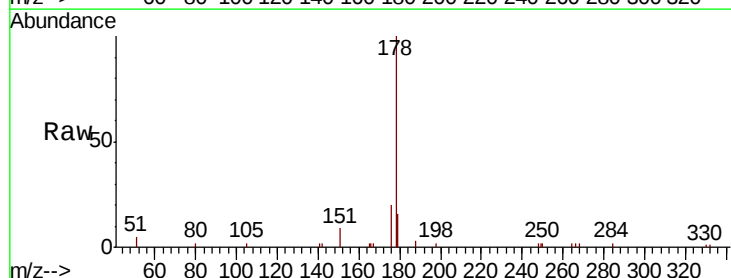
Delta R.T. -0.00 min

Lab File: BE098857.D

Acq: 11 Mar 2019 11:08

Tgt Ion:178 Resp: 5263

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.2	12.2	18.4

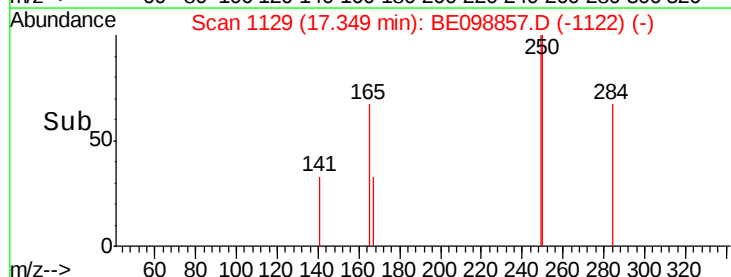
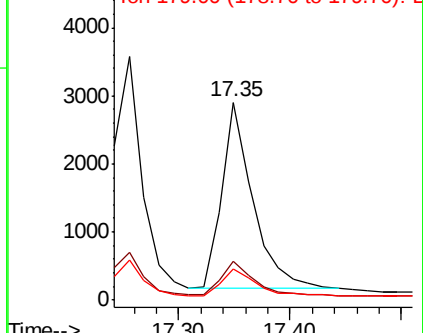


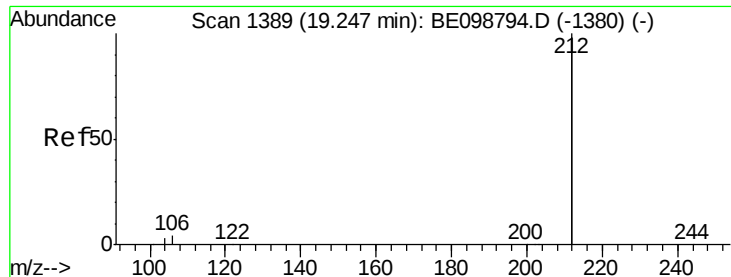
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.354 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098857.D

Acq: 11 Mar 2019 11:08

Instrument :

BNA_G

ClientSampleId :

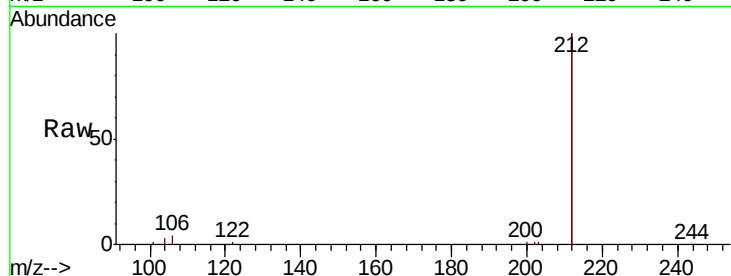
Tot Ion:212 Resp: 34481

Ion Ratio Lower Upper

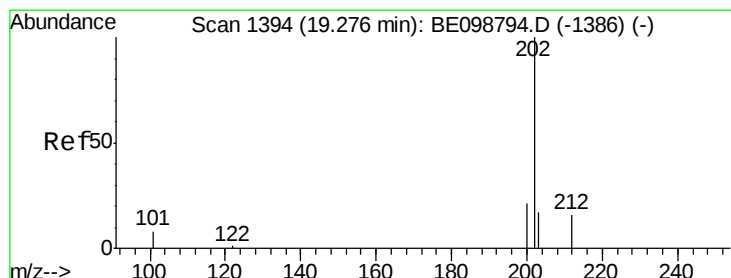
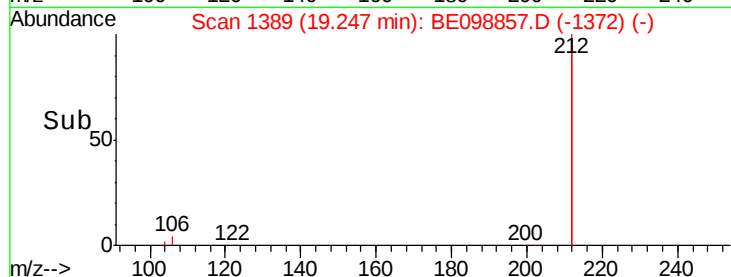
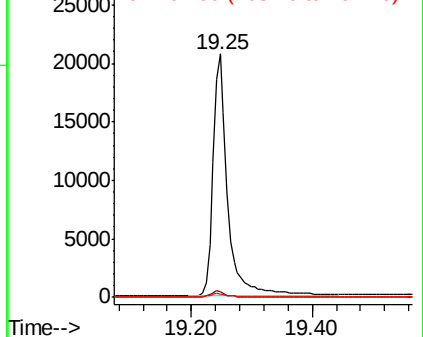
212 100

106 2.3 1.8 2.8

104 1.4 1.0 1.6



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.358 ng

RT: 19.28 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BE098857.D

Acq: 11 Mar 2019 11:08

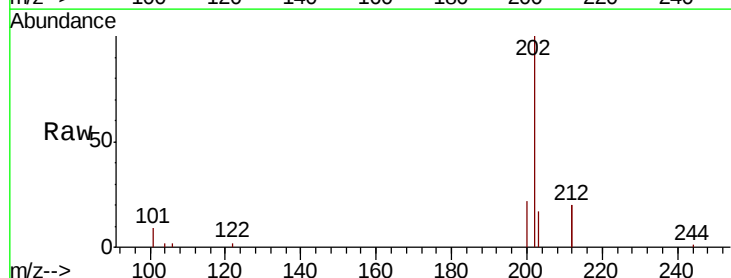
Tgt Ion:202 Resp: 8762

Ion Ratio Lower Upper

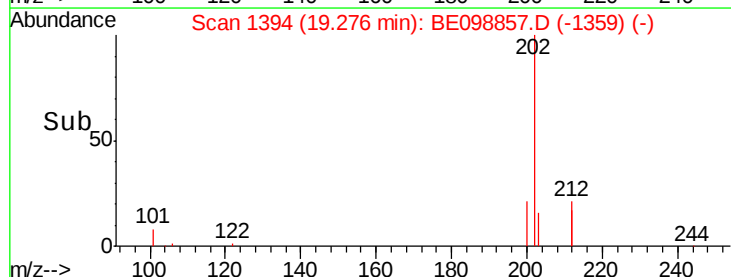
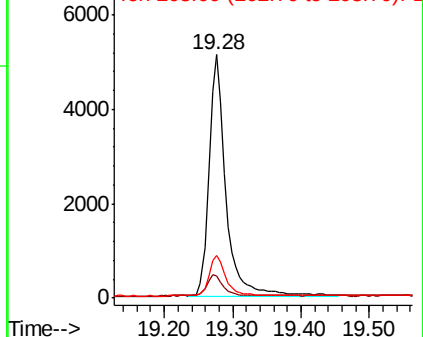
202 100

101 8.5 7.3 10.9

203 16.6 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

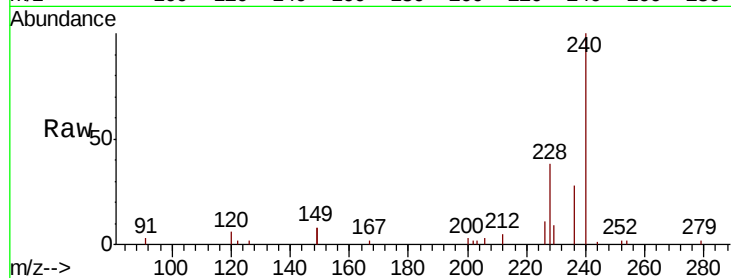




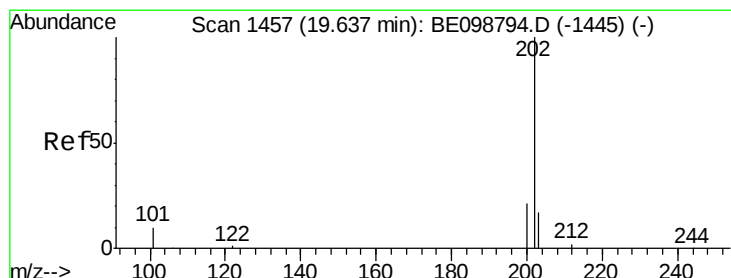
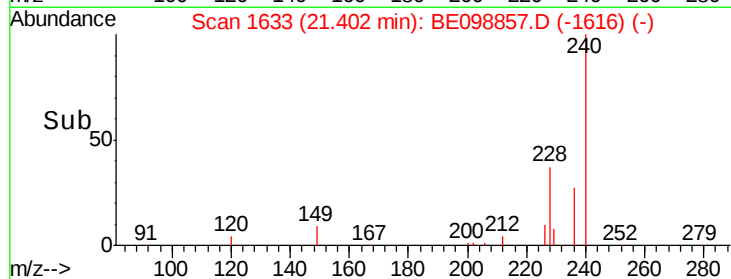
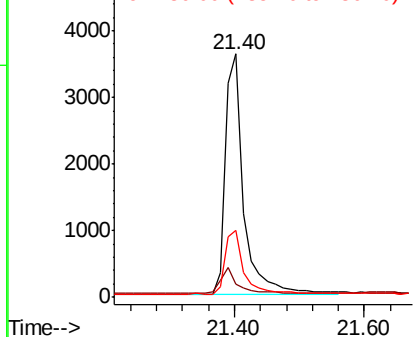
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE098857.D
Acq: 11 Mar 2019 11:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:240 Resp: 7187
Ion Ratio Lower Upper
240 100
120 5.6 5.0 7.4
236 27.6 22.7 34.1

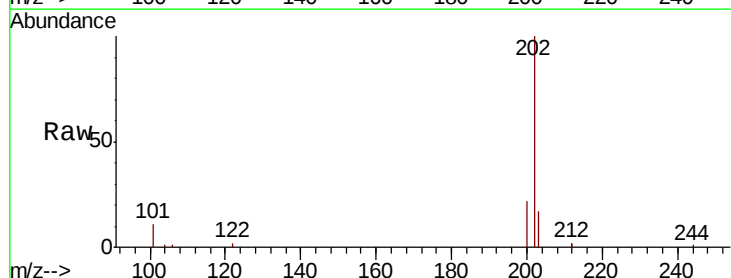


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

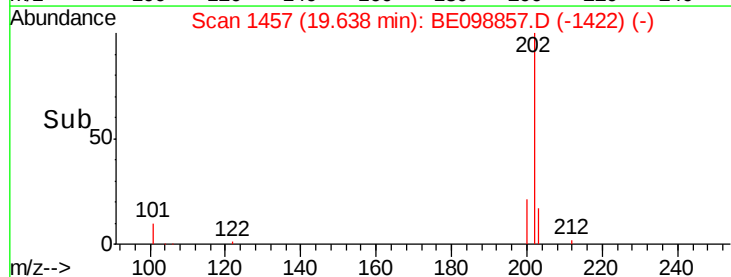
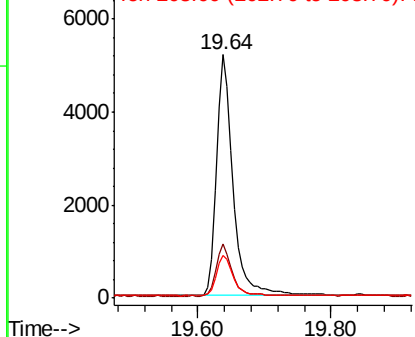


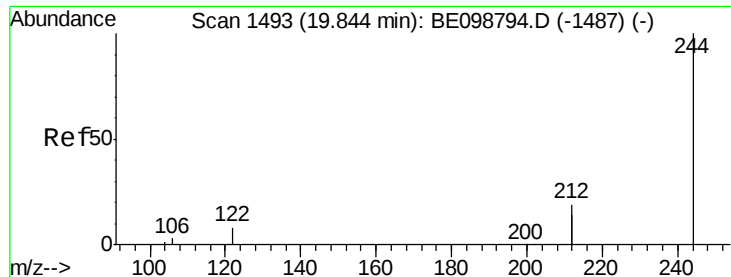
#28
Pyrene
Concen: 0.407 ng
RT: 19.64 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BE098857.D
Acq: 11 Mar 2019 11:08

Tgt Ion:202 Resp: 8943
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.6
203 17.2 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

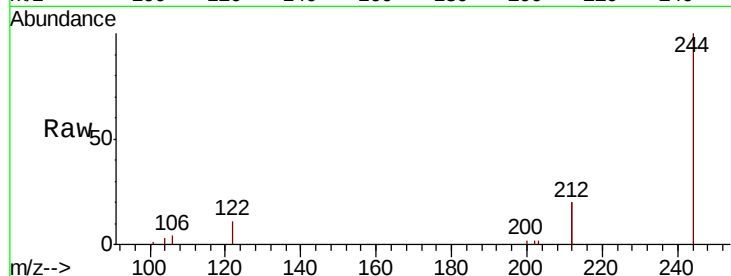




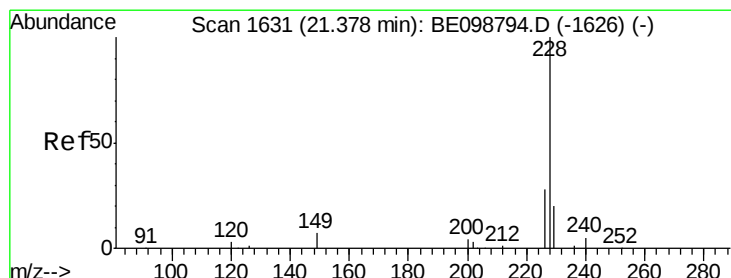
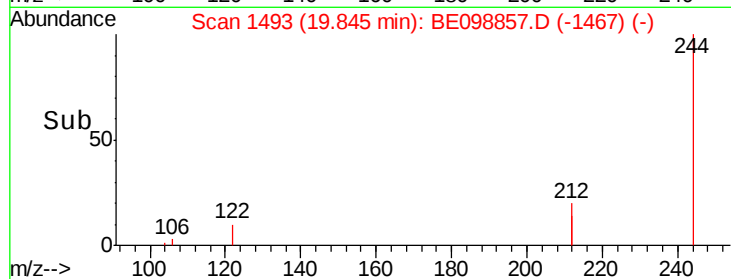
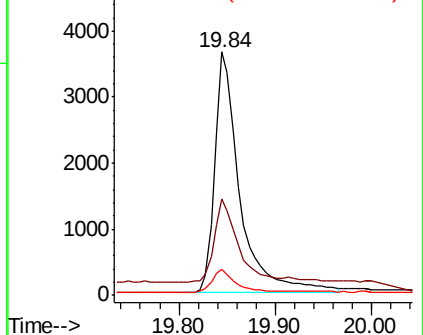
#29
 Terphenyl-d14
 Concen: 0.383 ng
 RT: 19.84 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BE098857.D
 Acq: 11 Mar 2019 11:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 6686
 Ion Ratio Lower Upper
 244 100
 212 39.8 29.4 44.2
 122 10.9 7.1 10.7#

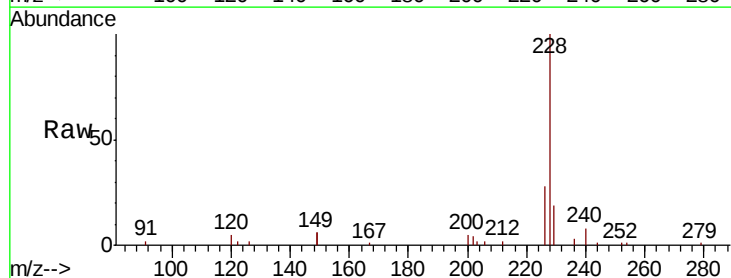


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

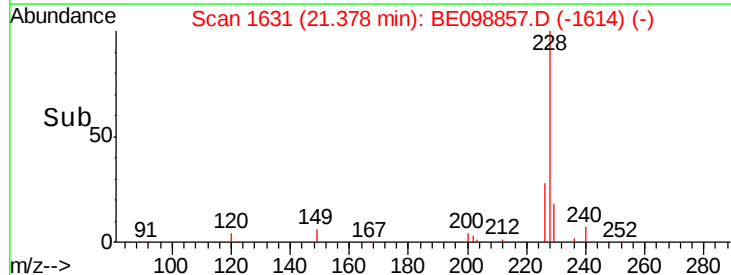
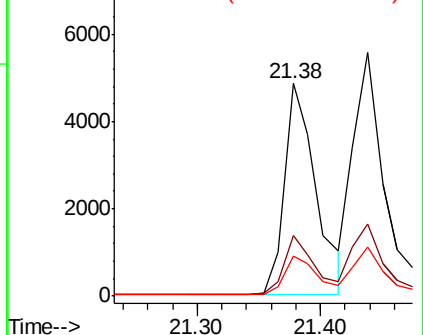


#30
 Benzo(a)anthracene
 Concen: 0.382 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BE098857.D
 Acq: 11 Mar 2019 11:08

Tgt Ion:228 Resp: 8572
 Ion Ratio Lower Upper
 228 100
 226 28.3 23.0 34.4
 229 18.9 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: 0.385 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BE098857.D

Acq: 11 Mar 2019 11:08

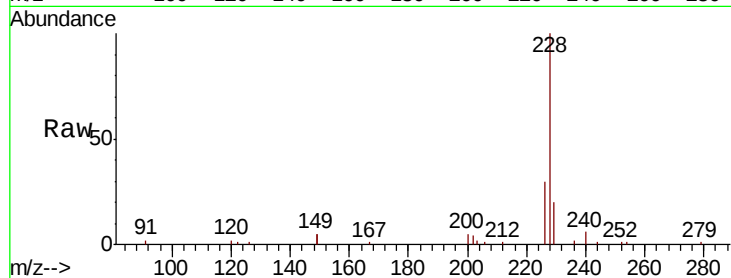
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 9247

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.7	35.5
229	20.0	16.1	24.1

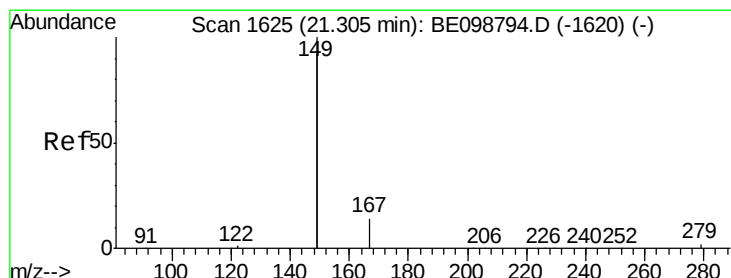
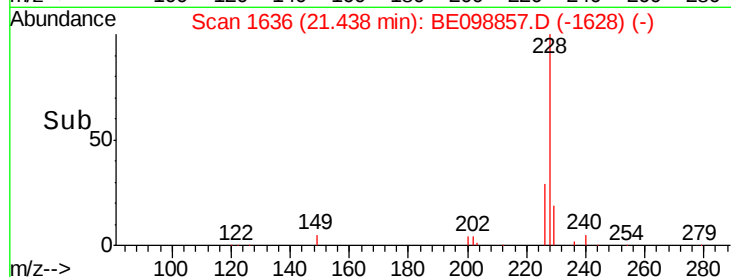
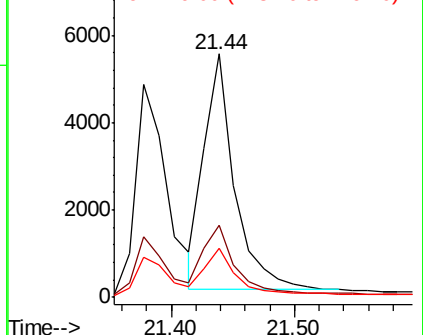


Abundance

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: 0.309 ng

RT: 21.31 min Scan# 1625

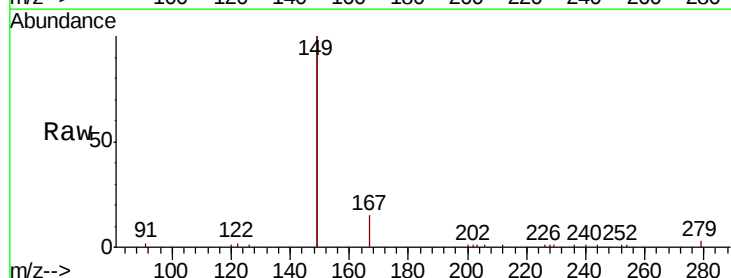
Delta R.T. -0.00 min

Lab File: BE098857.D

Acq: 11 Mar 2019 11:08

Tgt Ion:149 Resp: 14740

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.1	1.0	1.4

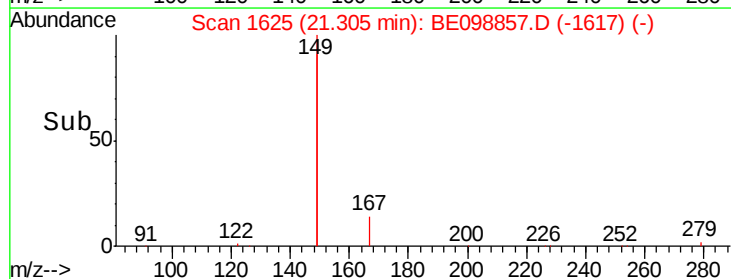
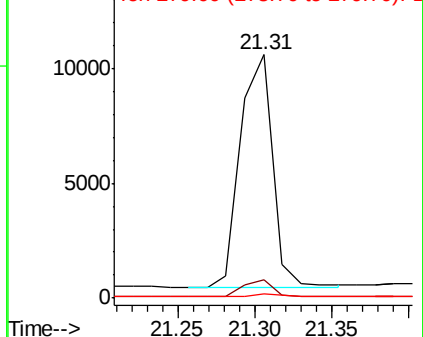


Abundance

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

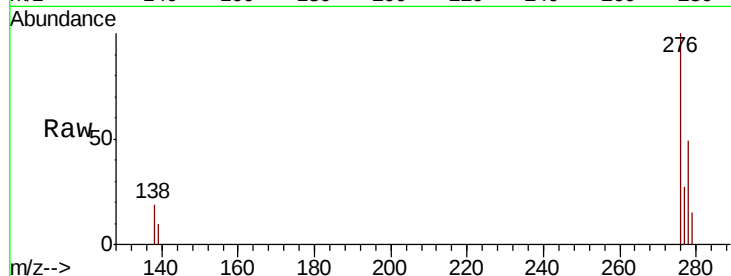




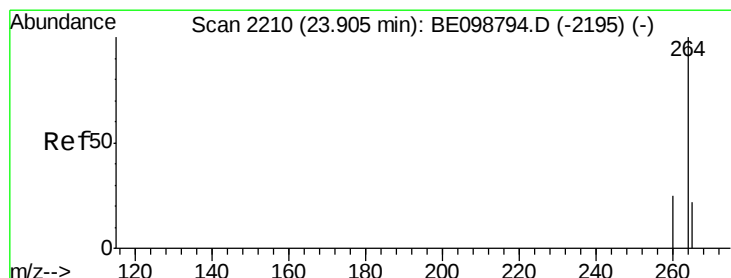
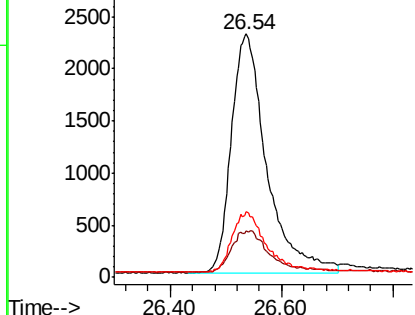
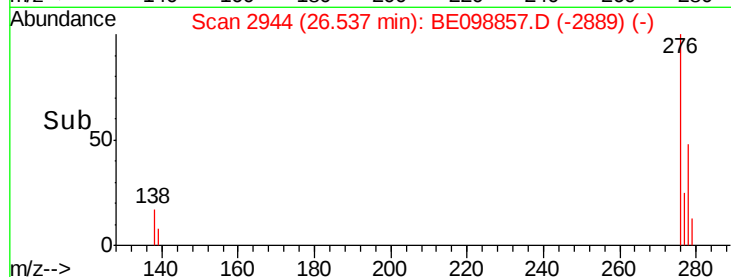
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng
RT: 26.54 min Scan# 2944
Delta R.T. -0.00 min
Lab File: BE098857.D
Acq: 11 Mar 2019 11:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:276 Resp: 10059
Ion Ratio Lower Upper
276 100
138 5.9 13.8 20.8#
277 23.6 19.5 29.3

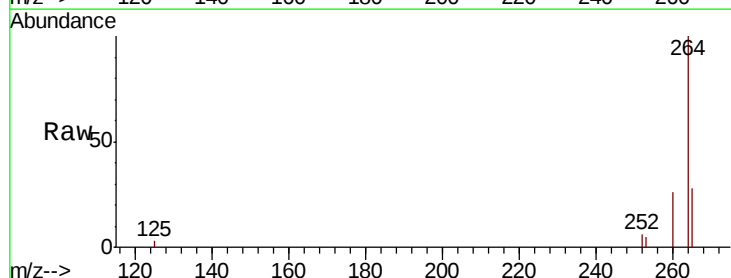


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

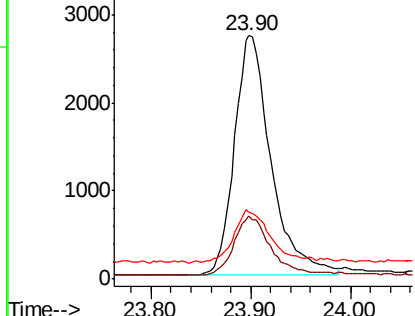
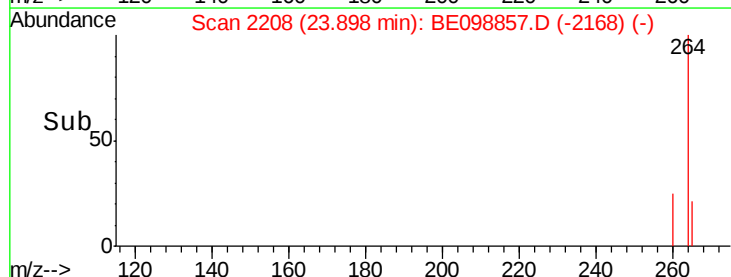


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BE098857.D
Acq: 11 Mar 2019 11:08

Tgt Ion:264 Resp: 6907
Ion Ratio Lower Upper
264 100
260 25.9 21.2 31.8
265 27.5 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: BE098857.D

Acq: 11 Mar 2019 11:08

Instrument :

BNA_G

ClientSampleId :

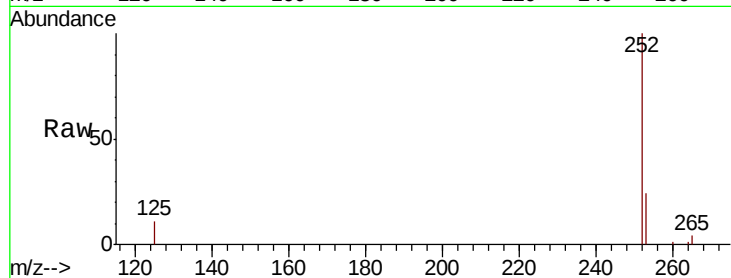
Tot Ion:252 Resp: 8704

Ion Ratio Lower Upper

252 100

253 24.3 18.2 27.2

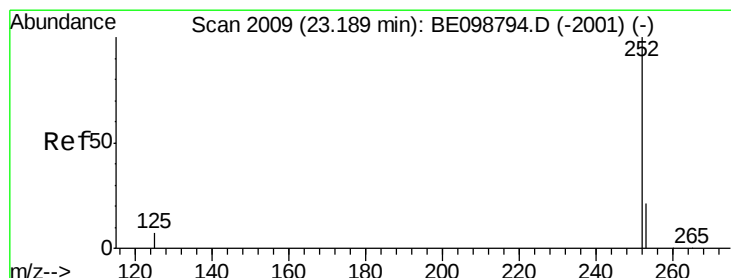
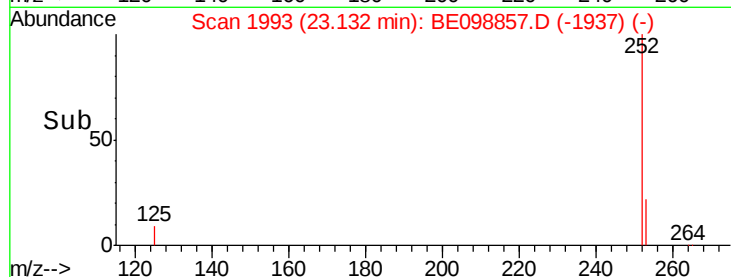
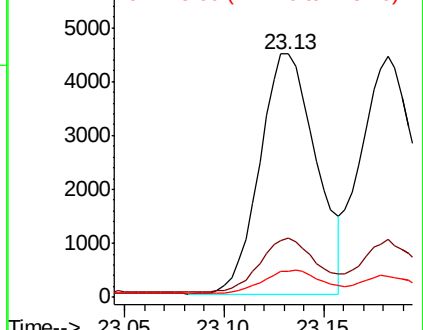
125 10.9 7.3 10.9



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: 0.409 ng

RT: 23.18 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BE098857.D

Acq: 11 Mar 2019 11:08

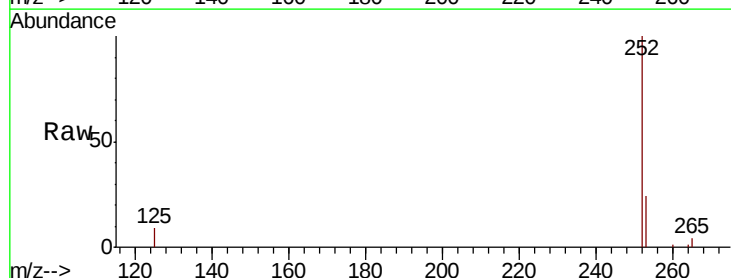
Tgt Ion:252 Resp: 9721

Ion Ratio Lower Upper

252 100

253 23.8 19.3 28.9

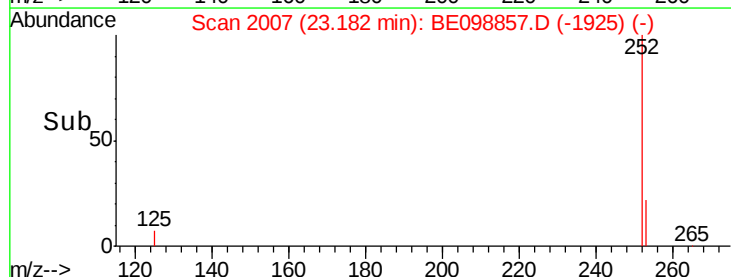
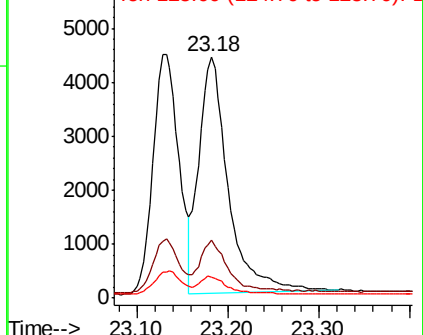
125 8.6 7.5 11.3

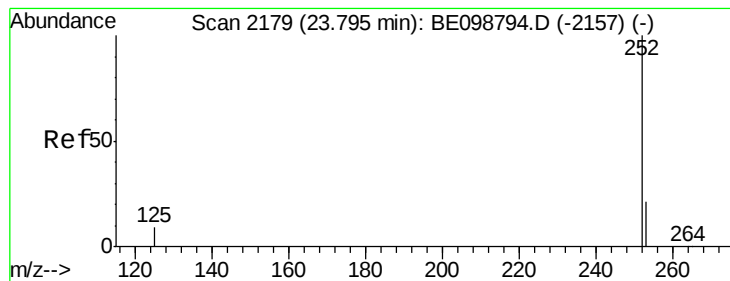


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.389 ng

RT: 23.79 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BE098857.D

Acq: 11 Mar 2019 11:08

Instrument :

BNA_G

ClientSampleId :

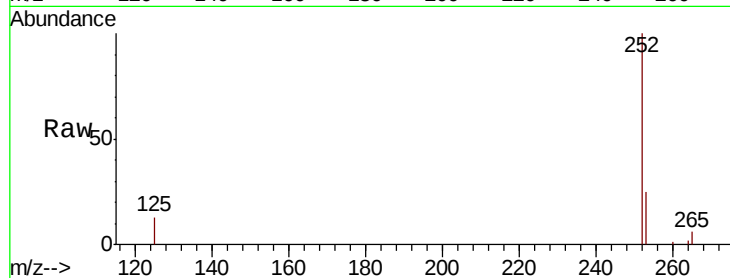
Tot Ion:252 Resp: 8468

Ion Ratio Lower Upper

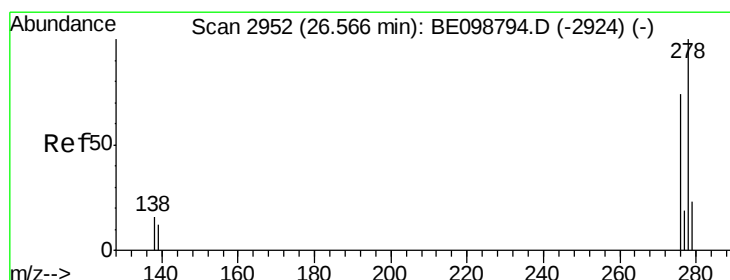
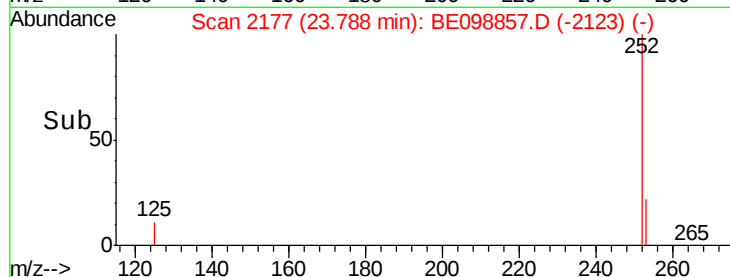
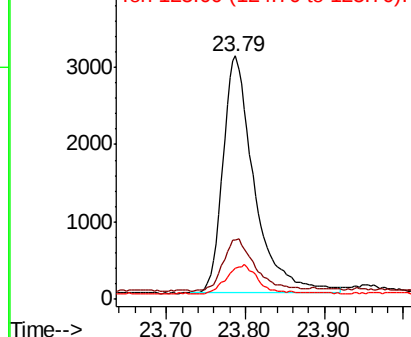
252 100

253 24.6 19.9 29.9

125 12.7 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.376 ng

RT: 26.56 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BE098857.D

Acq: 11 Mar 2019 11:08

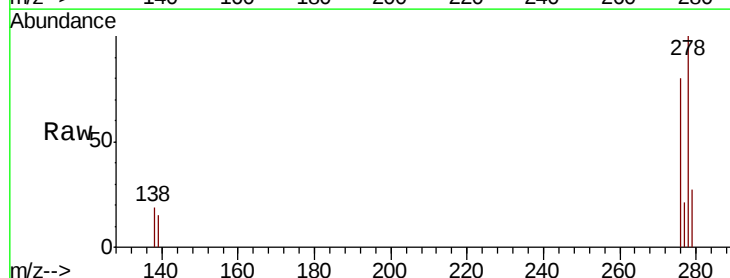
Tgt Ion:278 Resp: 7754

Ion Ratio Lower Upper

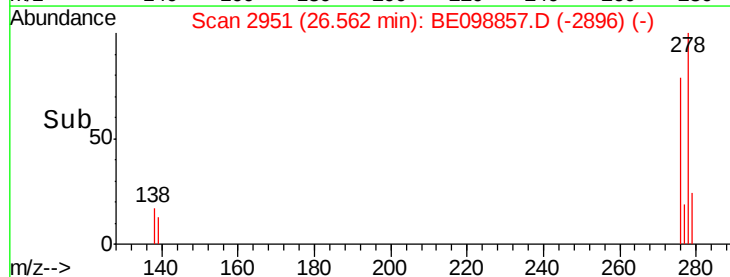
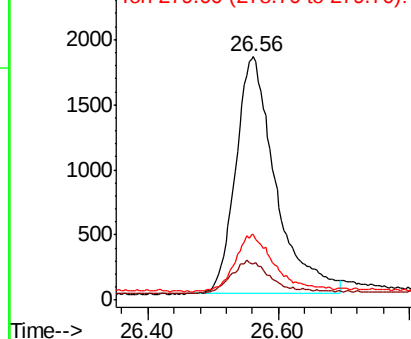
278 100

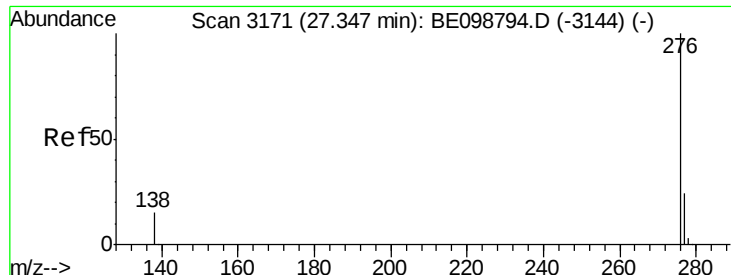
139 15.1 11.8 17.6

279 27.1 21.1 31.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.394 ng

RT: 27.34 min Scan# 3169

Delta R.T. -0.01 min

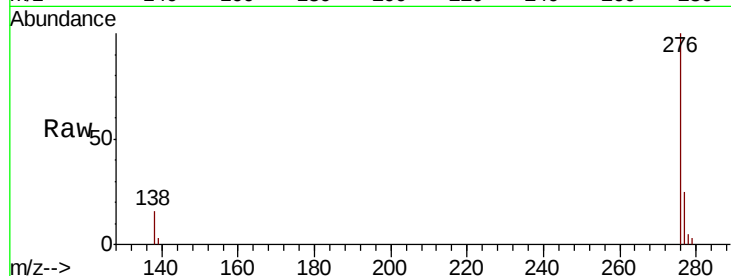
Lab File: BE098857.D

Acq: 11 Mar 2019 11:08

Instrument :

BNA_G

ClientSampleId :



Tot Ion: 276 Resp: 8497

Ion Ratio Lower Upper

276 100

277 24.6 20.4 30.6

138 16.2 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

