

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092319\
 Data File : BG042919.D
 Acq On : 23 Sep 2019 19:03
 Operator : HP/JU
 Sample : K4839-03DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 24 01:20:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 23 06:01:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	56395	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	217122	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	154717	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	370201	20.00	ng	0.00
76) Chrysene-d12	21.71	240	416132	20.00	ng	0.00
87) Perylene-d12	24.95	264	478407	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	91203	28.04	ng	0.00
7) Phenol-d6	7.25	99	131036	27.90	ng	-0.01
23) Nitrobenzene-d5	9.24	82	82970	18.64	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	65174	26.71	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	236372	22.41	ng	0.00
79) Terphenyl-d14	20.05	244	504237	24.66	ng	0.00

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.87	42	41443	22.723	ng	89
12) 1,3-Dichlorobenzene	8.12	146	95580	22.734	ng	98
13) 1,4-Dichlorobenzene	8.12	146	95580	22.612	ng	97
14) 1,2-Dichlorobenzene	8.43	146	49843	12.424	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	65170	9.829	ng	97
18) Hexachloroethane	9.17	117	47817	30.874	ng	97
19) n-Nitroso-di-n-propylamine	8.88	70	50242	16.041	ng	# 95
24) Nitrobenzene	9.28	77	94875	22.002	ng	95
25) Isophorone	9.81	82	28642	3.602	ng	98
28) bis(2-Chloroethoxy)methane	10.29	93	31121	6.781	ng	98
30) 1,2,4-Trichlorobenzene	10.75	180	57122	13.208	ng	92
32) Benzoic acid	10.43	122	67	5.200	ng	# 36
34) Hexachlorobutadiene	11.23	225	91815	29.418	ng	97
37) 2-Methylnaphthalene	12.54	142	149592	18.533	ng	97
38) 1-Methylnaphthalene	12.54	142	149592	19.617	ng	91
41) Hexachlorocyclopentadiene	12.88	237	79167	22.551	ng	96
47) 2-Chloronaphthalene	13.58	162	78735	8.854	ng	97
49) Acenaphthylene	14.42	152	396354	29.463	ng	99
50) Dimethylphthalate	14.15	163	327904	28.962	ng	98
51) 2,6-Dinitrotoluene	14.27	165	20146	8.354	ng	86
52) Acenaphthene	14.76	154	297838	33.450	ng	97
55) Dibenzofuran	15.10	168	286608	21.699	ng	98
56) 4-Nitrophenol	15.10	139	110785	57.386	ng	# 1
57) 2,4-Dinitrotoluene	15.05	165	57974	16.939	ng	96
60) Diethylphthalate	15.51	149	344505	30.158	ng	100
61) 4-Chlorophenyl-phenylether	15.74	204	129319	19.558	ng	98
66) n-Nitrosodiphenylamine	15.95	169	85270	8.569	ng	95
68) Hexachlorobenzene	16.75	284	88303	17.574	ng	# 93
75) Fluoranthene	19.49	202	379422	16.654	ng	97
78) Pyrene	19.85	202	420167	16.930	ng	98
80) Butylbenzylphthalate	20.74	149	231142	24.118	ng	99
81) Benzo(a)anthracene	21.76	228	178373	6.960	ng	97
83) Chrysene	21.76	228	178373	7.198	ng	96
84) Bis(2-ethylhexyl)phthalate	21.61	149	133298	9.834	ng	99

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QLast Update : Mon Sep 23 06:01:34 2019
Response via : Initial Calibration

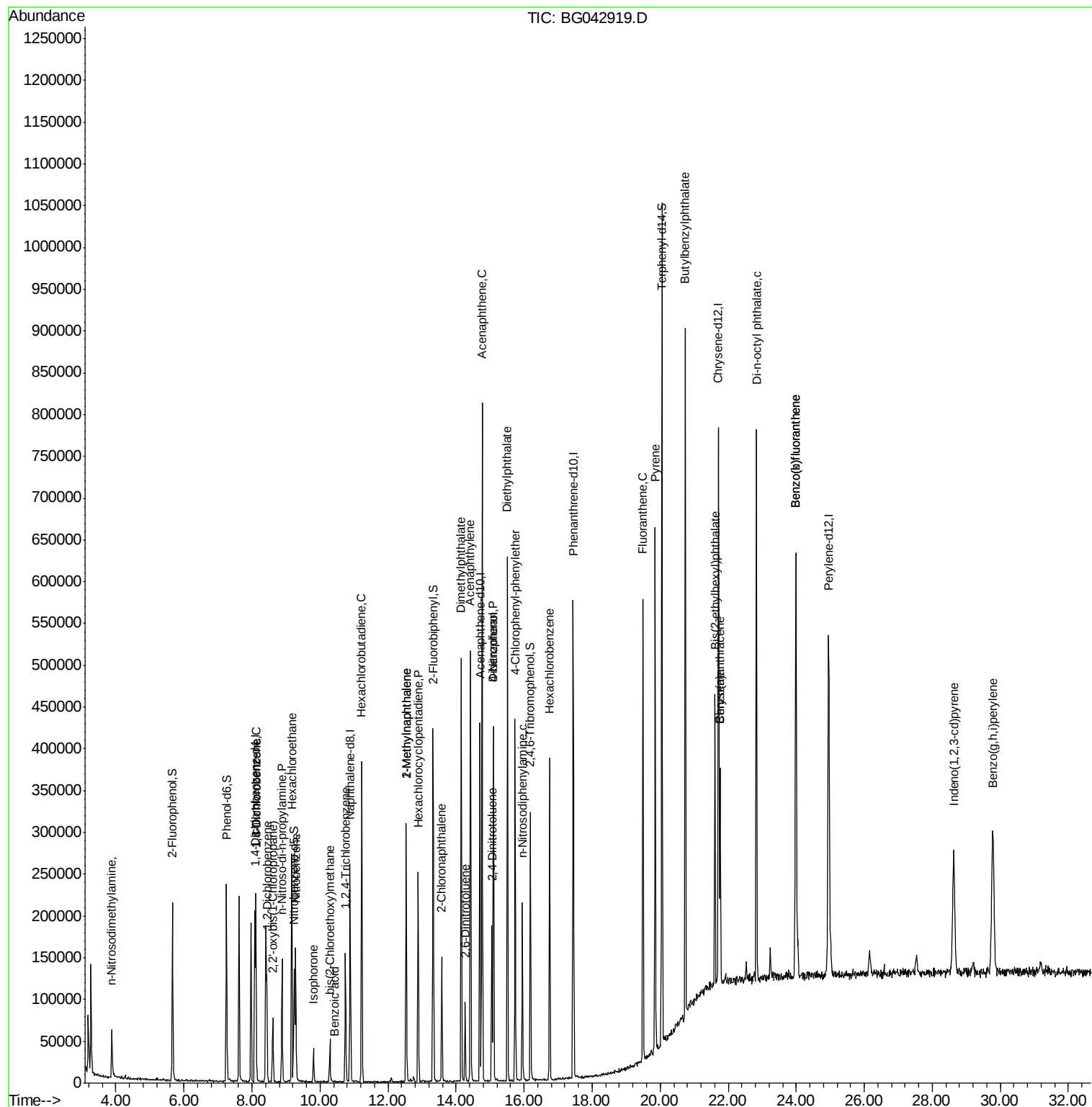
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Di-n-octyl phthalate	22.83	149	539611	24.060	ng	99
86) Indeno(1,2,3-cd)pyrene	28.63	276	267251	8.650	ng	# 93
88) Benzo(b)fluoranthene	23.99	252	552124	20.267	ng	96
89) Benzo(k)fluoranthene	23.99	252	552124	20.979	ng	98
92) Benzo(g,h,i)perylene	29.79	276	362777	14.396	ng	# 95

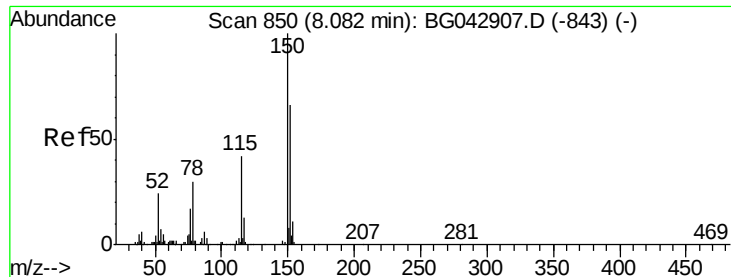
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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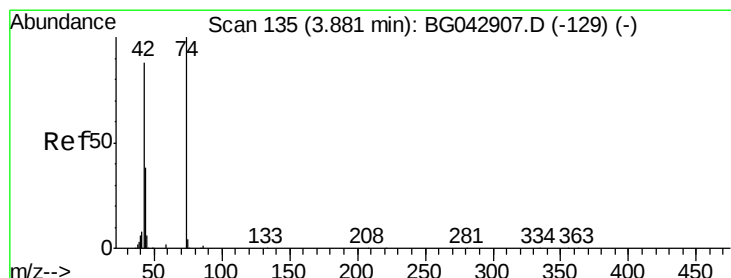
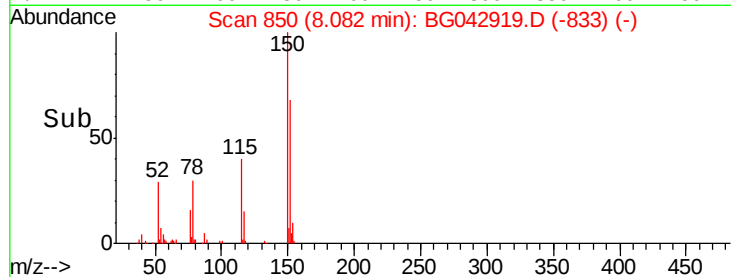
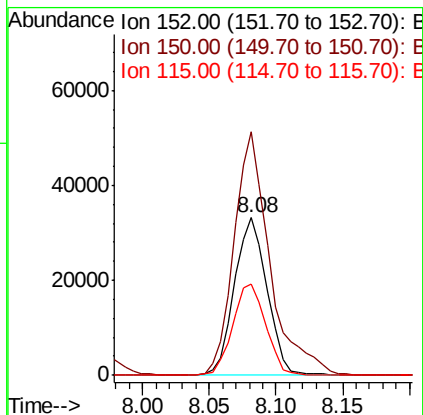
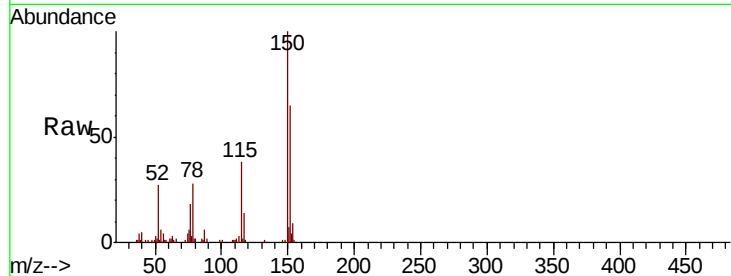


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. -0.00 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Instrument :
BNA_G
ClientSampleId :

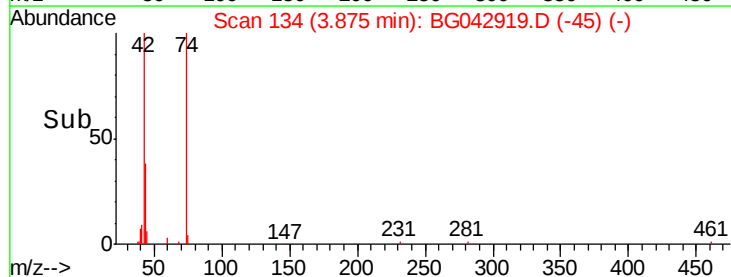
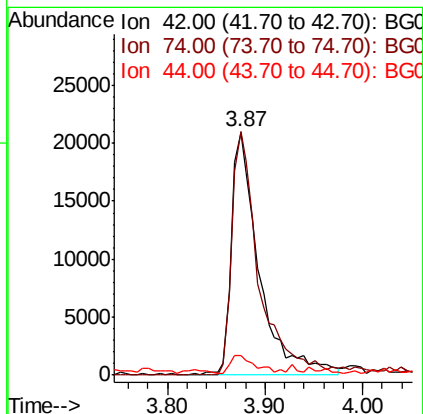
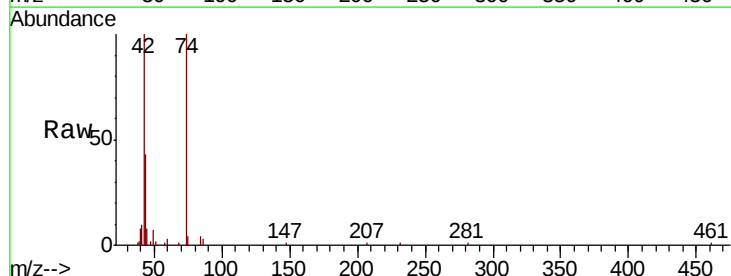
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	121.4	182.2
115	58.2	50.7	76.1

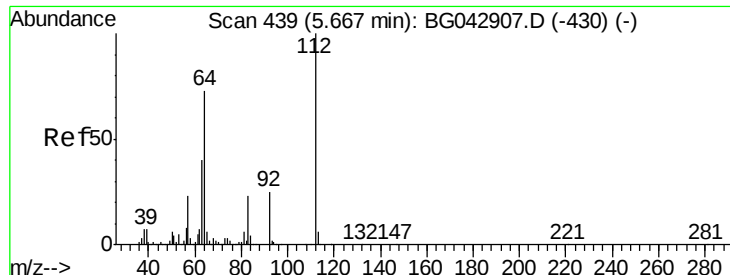


#4

n-Nitrosodimethylamine
Concen: 22.723 ng
RT: 3.87 min Scan# 134
Delta R.T. -0.01 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Tgt Ion	Ratio	Lower	Upper
42	100		
74	100.2	90.5	135.7
44	8.0	5.8	8.8





#5

2-Fluorophenol

Concen: 28.038 ng

RT: 5.66 min Scan# 438

Delta R.T. -0.01 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

Instrument :

BNA_G

ClientSampleId :

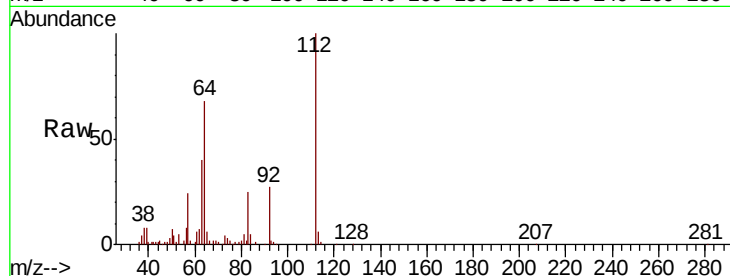
Tot Ion:112 Resp: 91203

Ion Ratio Lower Upper

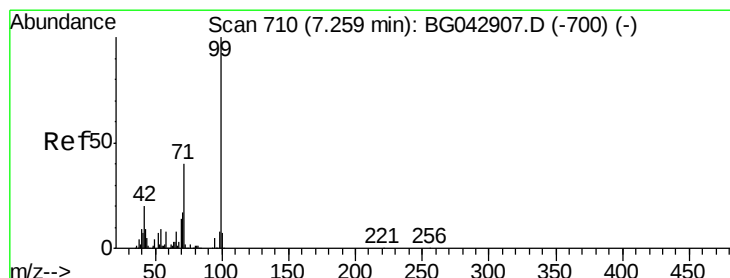
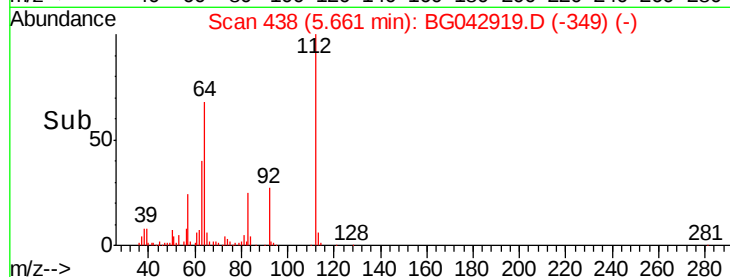
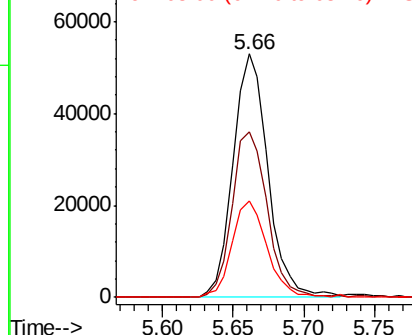
112 100

64 67.8 58.6 87.8

63 39.5 31.6 47.4



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



#7

Phenol-d6

Concen: 27.905 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

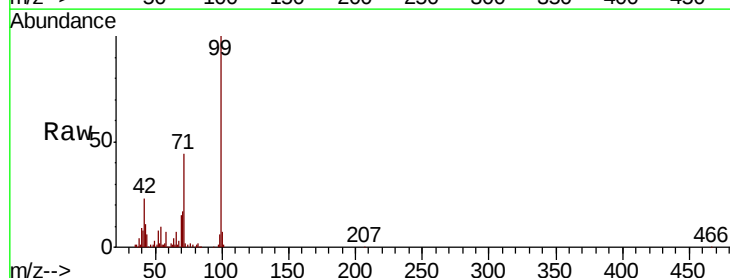
Tgt Ion: 99 Resp: 131036

Ion Ratio Lower Upper

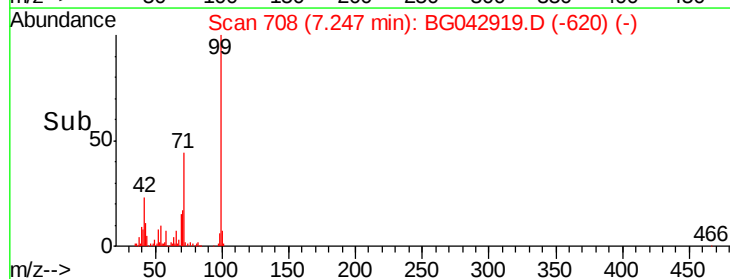
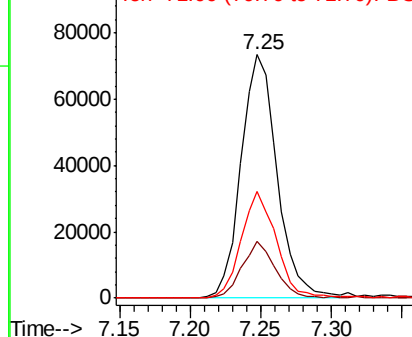
99 100

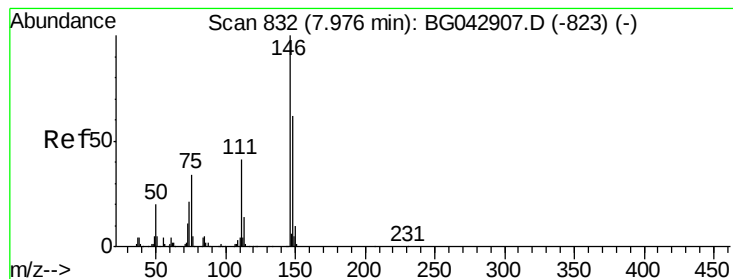
42 23.3 15.8 23.6

71 43.6 32.2 48.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC





#12

1,3-Dichlorobenzene

Concen: 22.734 ng

RT: 8.12 min Scan# 856

Delta R.T. 0.14 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

Instrument :

BNA_G

ClientSampled :

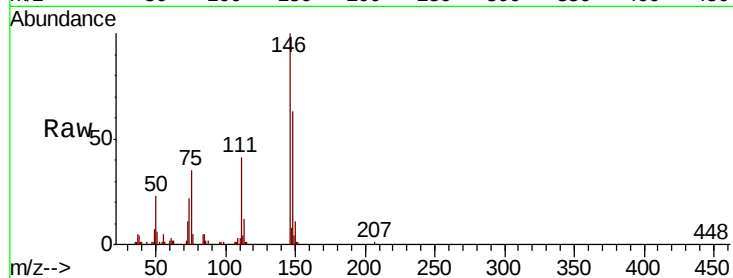
Tot Ion:146 Resp: 95580

Ion Ratio Lower Upper

146 100

148 63.0 49.4 74.0

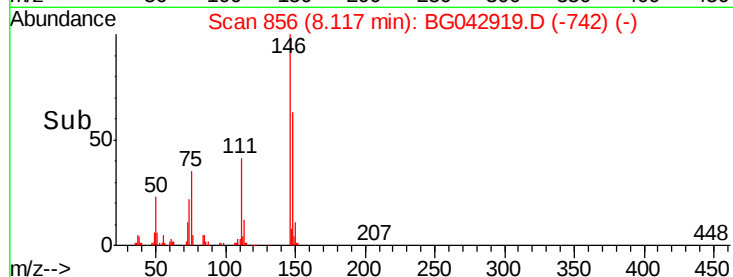
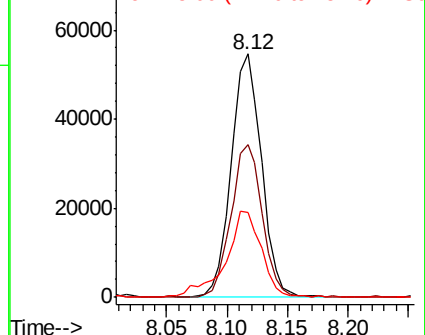
75 34.8 27.0 40.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC



#13

1,4-Dichlorobenzene

Concen: 22.612 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.00 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

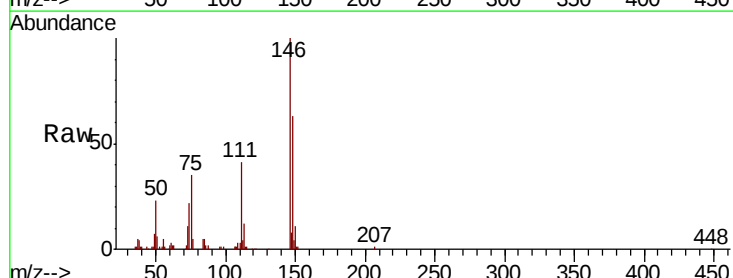
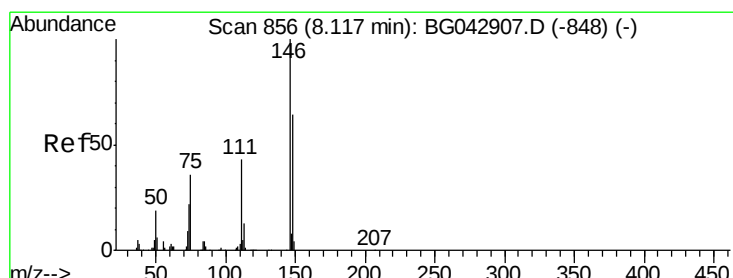
Tgt Ion:146 Resp: 95580

Ion Ratio Lower Upper

146 100

148 63.0 51.4 77.2

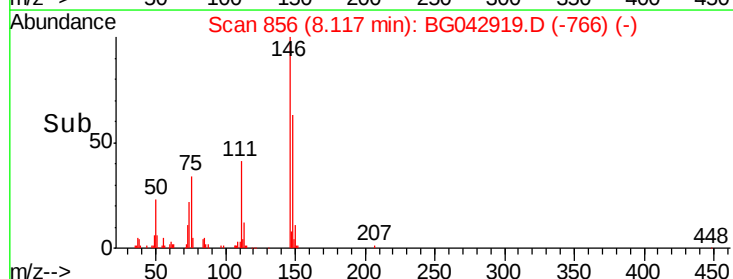
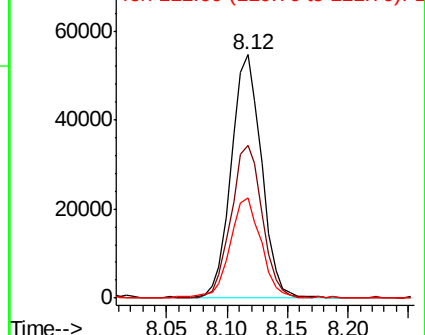
111 41.0 34.7 52.1

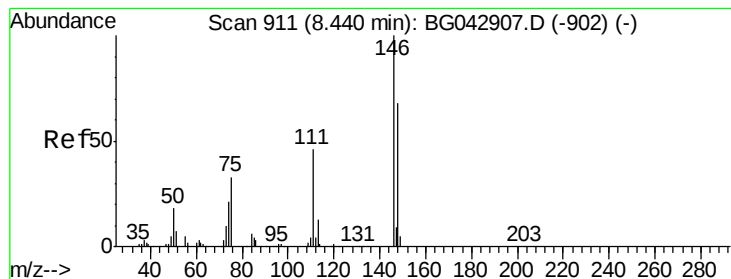


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 12.424 ng

RT: 8.43 min Scan# 910

Delta R.T. -0.01 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

Instrument :

BNA_G

ClientSampleId :

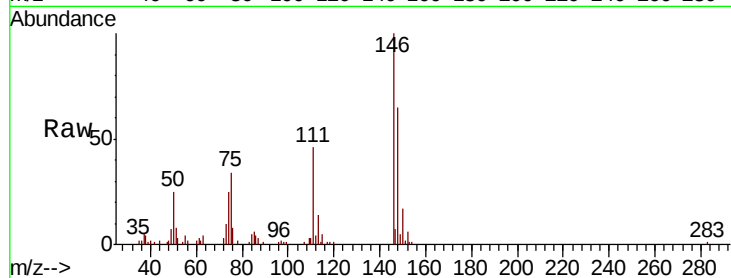
Tot Ion:146 Resp: 49843

Ion Ratio Lower Upper

146 100

148 64.7 54.7 82.1

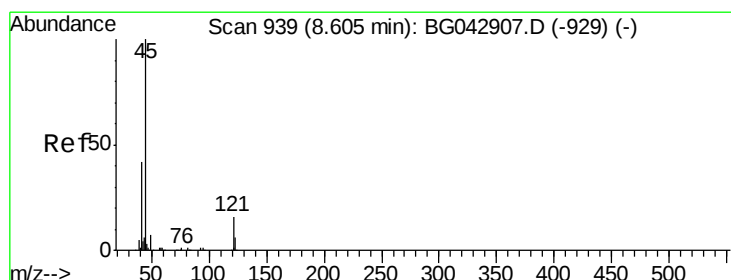
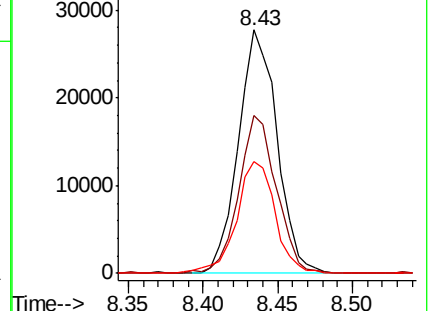
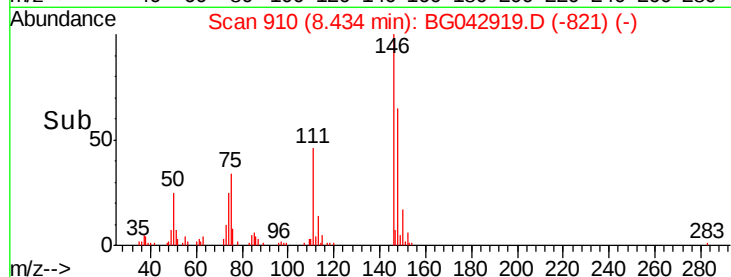
111 45.9 37.4 56.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.829 ng

RT: 8.61 min Scan# 940

Delta R.T. 0.01 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

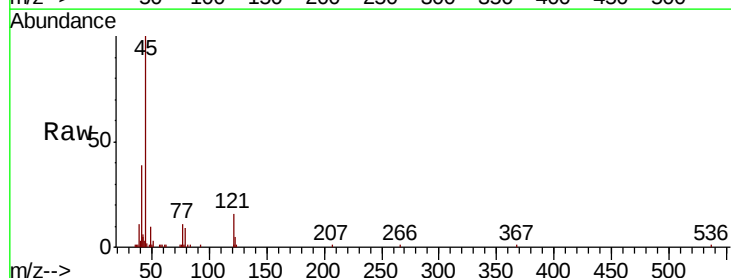
Tgt Ion: 45 Resp: 65170

Ion Ratio Lower Upper

45 100

77 10.6 0.0 32.6

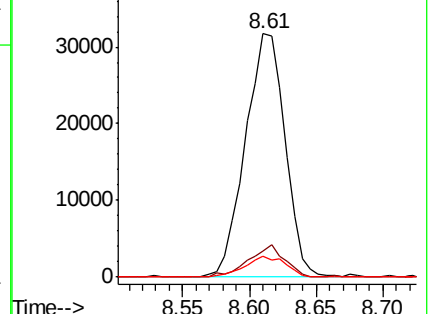
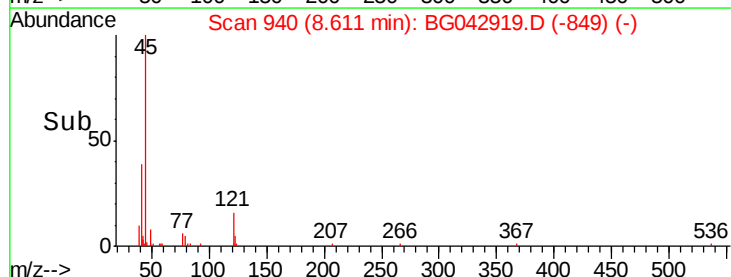
79 8.8 0.0 29.0

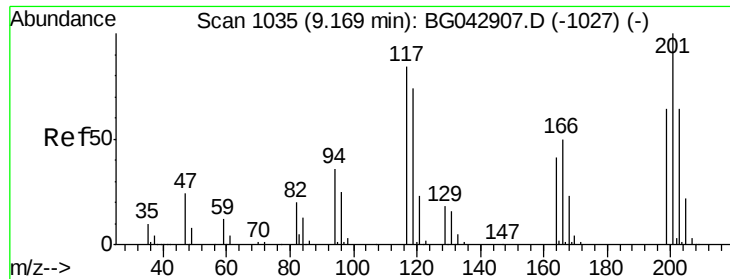


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

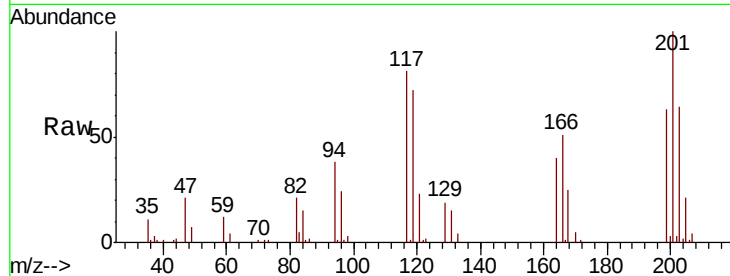




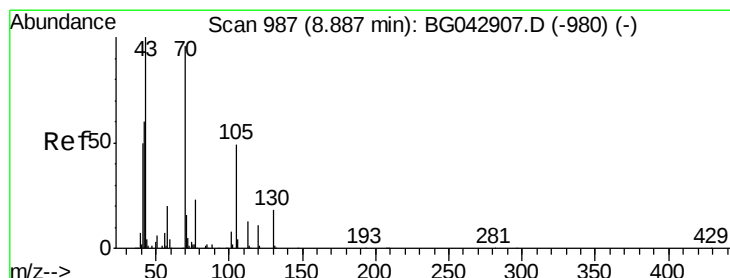
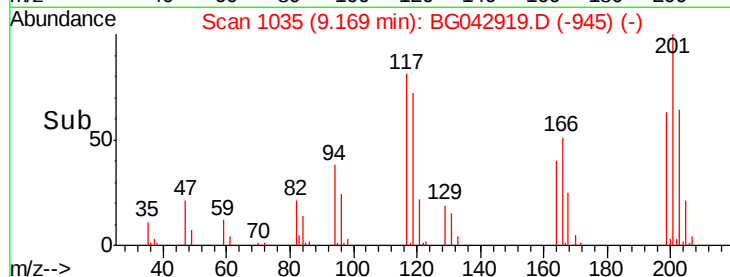
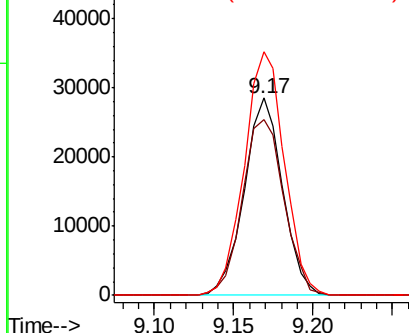
#18
Hexachloroethane
Concen: 30.874 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:117 Resp: 47817
Ion Ratio Lower Upper
117 100
119 89.1 70.9 106.3
201 123.5 95.2 142.8

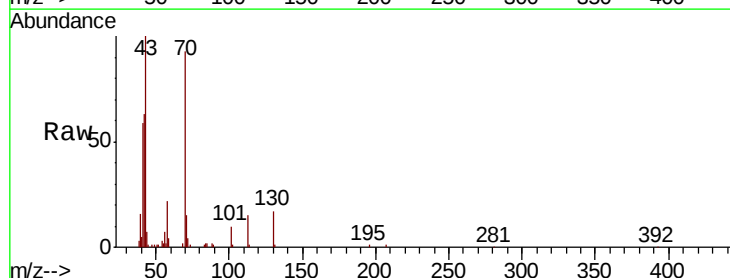


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

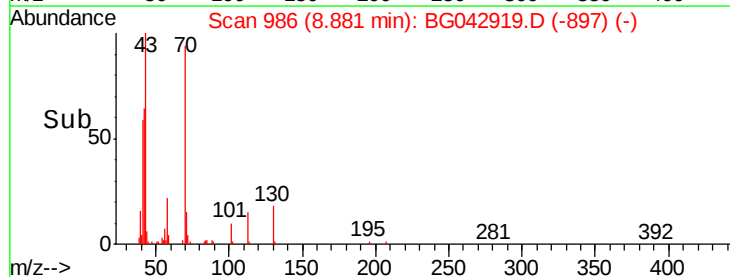
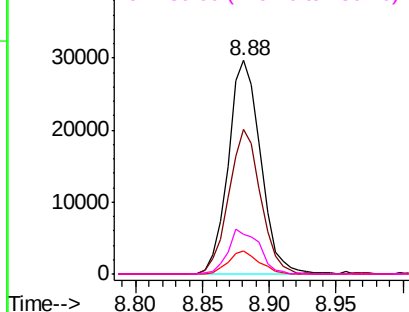


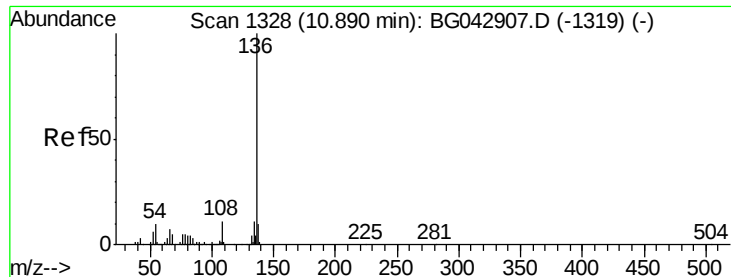
#19
n-Nitroso-di-n-propylamine
Concen: 16.041 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.01 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Tgt Ion: 70 Resp: 50242
Ion Ratio Lower Upper
70 100
42 67.8 50.5 75.7
101 10.5 7.0 10.4#
130 18.8 14.9 22.3



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

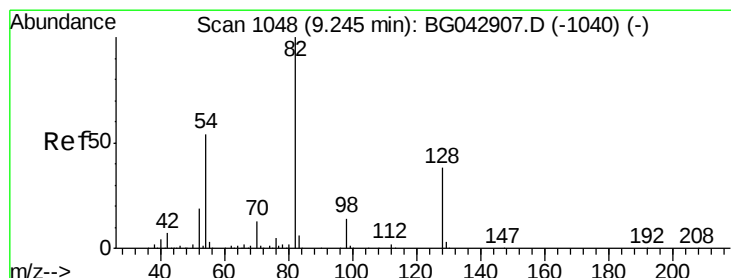
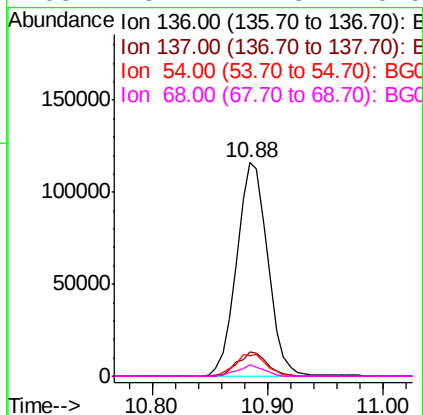
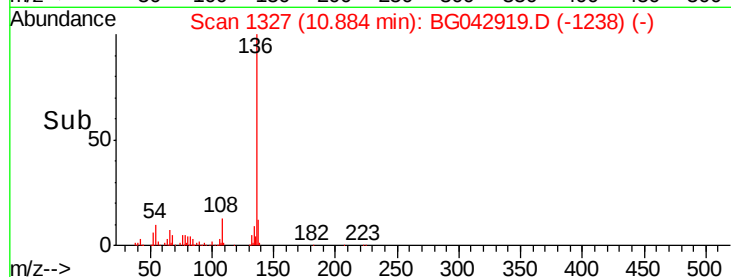
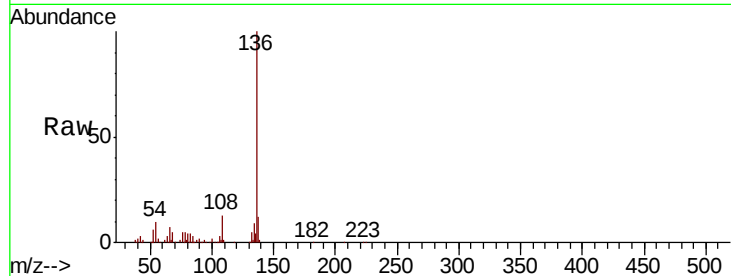




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

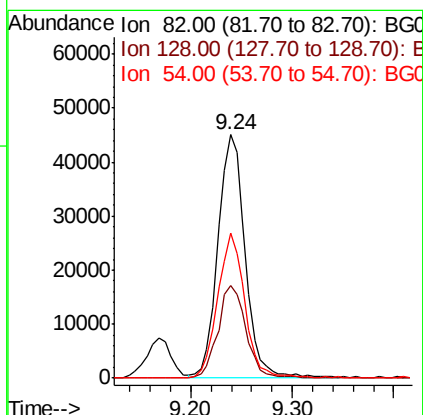
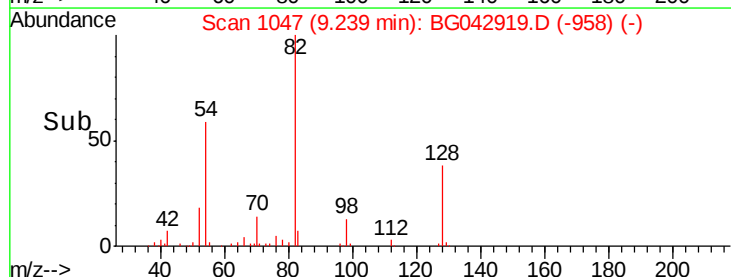
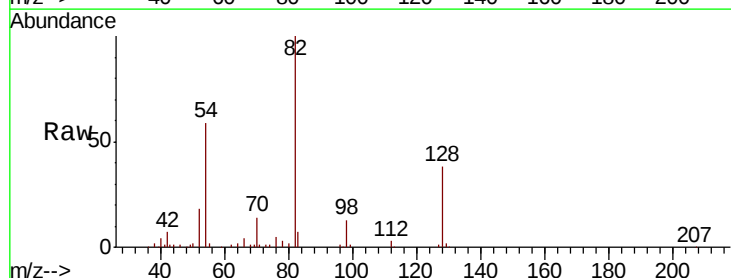
Instrument :
BNA_G
ClientSampleId :

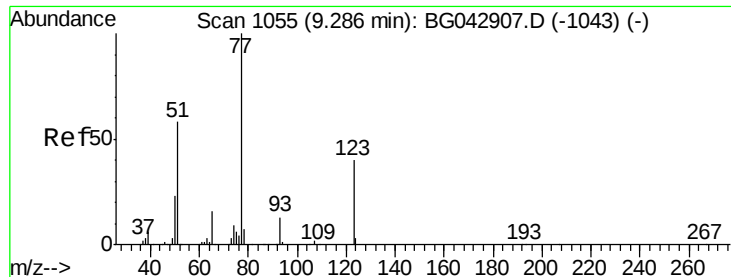
Tot Ion:136	Resp:	217122
Ion Ratio	Lower	Upper
136 100		
137 11.6	8.2	12.2
54 9.7	8.2	12.2
68 5.4	4.3	6.5



#23
Nitrobenzene-d5
Concen: 18.641 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Tgt Ion: 82	Resp: 82970
Ion Ratio	Lower Upper
82 100	
128 38.2	30.4 45.6
54 59.3	43.4 65.0

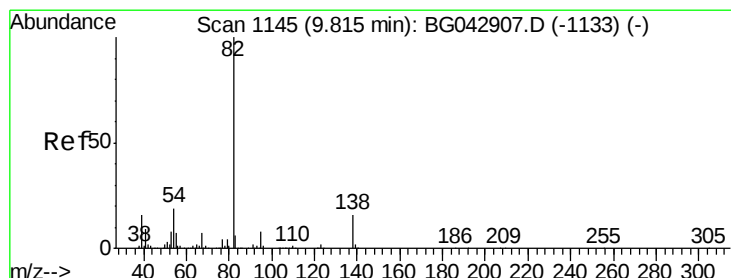
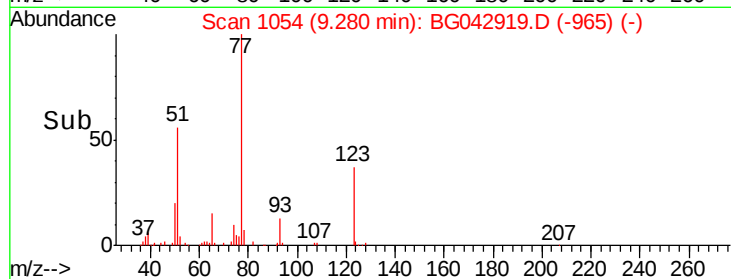
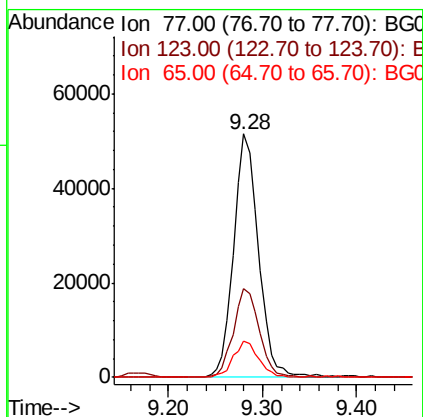
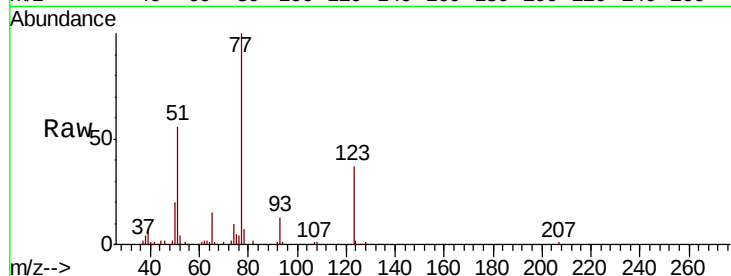




#24
 Nitrobenzene
 Concen: 22.002 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: BG042919.D
 Acq: 23 Sep 2019 19:03

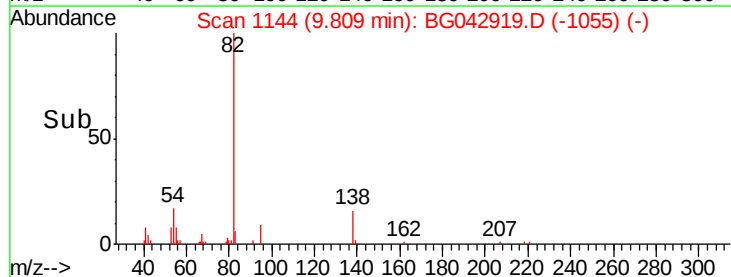
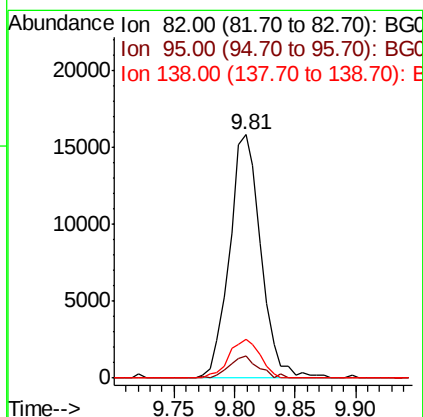
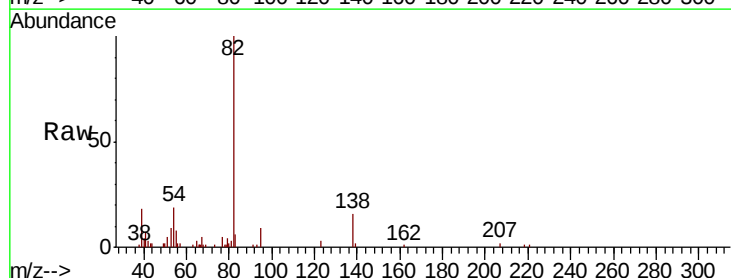
Instrument :
 BNA_G
 ClientSampleId :

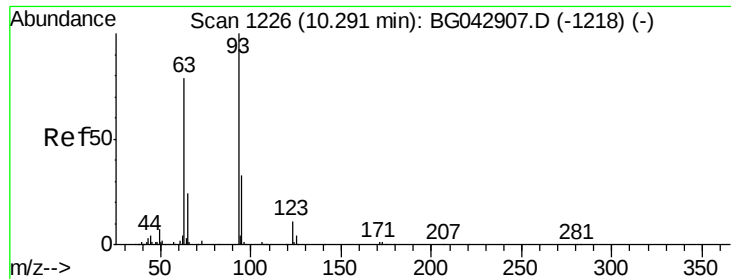
Tot Ion	Ratio	Lower	Upper
77	100		
123	36.7	32.3	48.5
65	14.7	12.6	19.0



#25
 Isophorone
 Concen: 3.602 ng
 RT: 9.81 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BG042919.D
 Acq: 23 Sep 2019 19:03

Tgt Ion	Ratio	Lower	Upper
82	100		
95	9.4	6.3	9.5
138	15.7	12.9	19.3

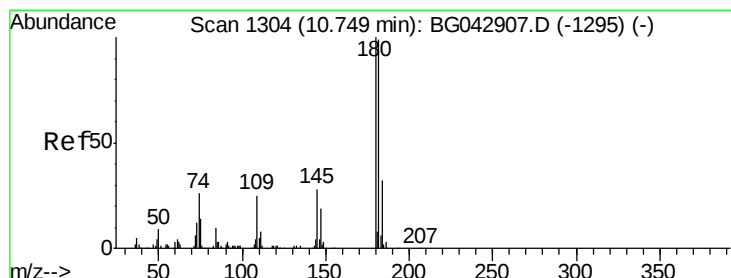
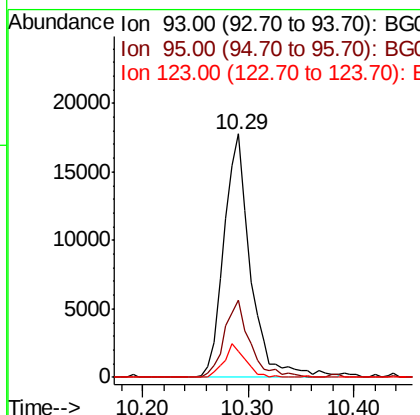
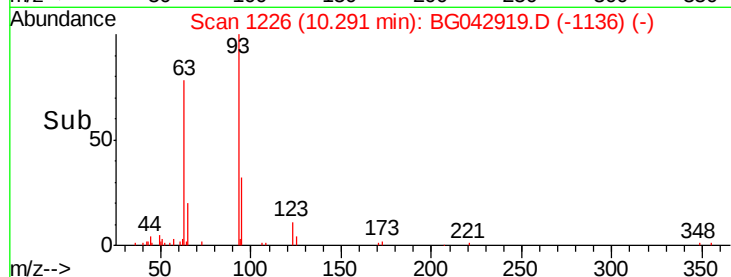
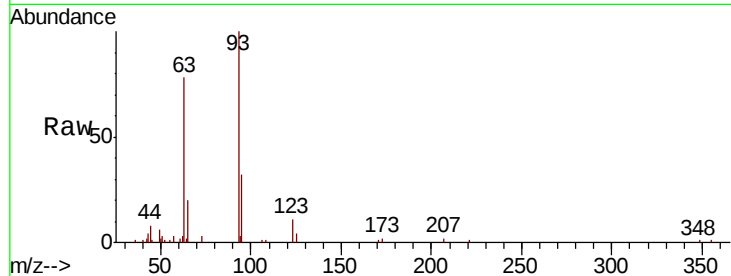




#28
bis(2-Chloroethoxy)methane
Concen: 6.781 ng
RT: 10.29 min Scan# 1226
Delta R.T. -0.00 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

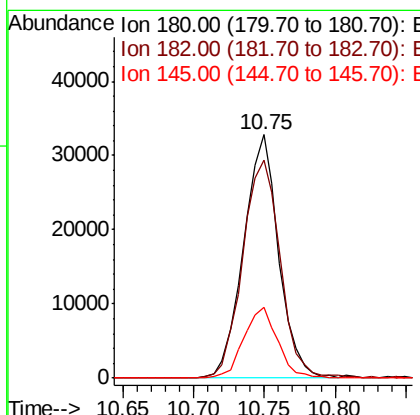
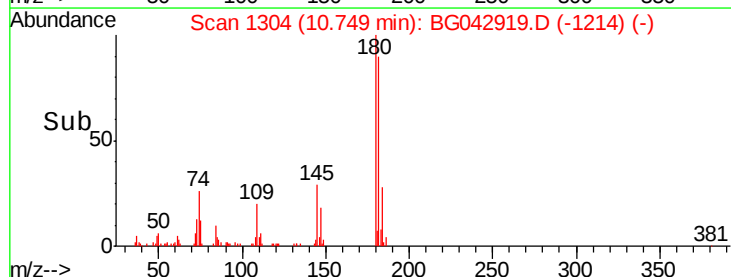
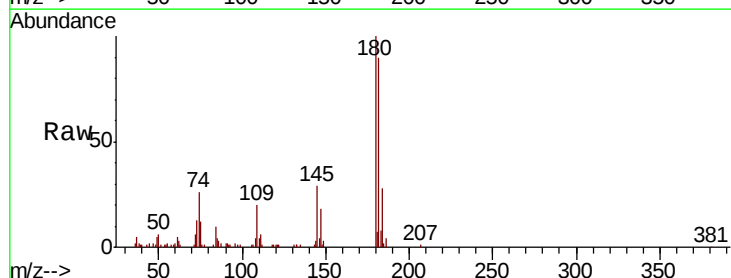
Instrument :
BNA_G
ClientSampleId :

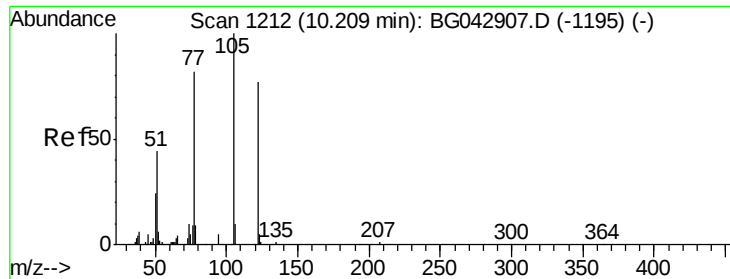
Tot Ion: 93 Resp: 31121
Ion Ratio Lower Upper
93 100
95 31.6 26.3 39.5
123 10.8 8.6 13.0



#30
1,2,4-Trichlorobenzene
Concen: 13.208 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Tgt Ion: 180 Resp: 57122
Ion Ratio Lower Upper
180 100
182 89.5 78.9 118.3
145 29.3 22.4 33.6





#32

Benzoic acid

Concen: 5.200 ng

RT: 10.43 min Scan# 1249

Delta R.T. 0.22 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

Instrument :

BNA_G

ClientSampled :

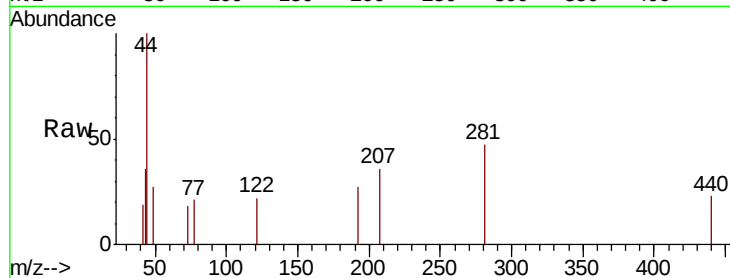
Tot Ion:122 Resp: 67

Ion Ratio Lower Upper

122 100

105 0.0 108.3 148.3#

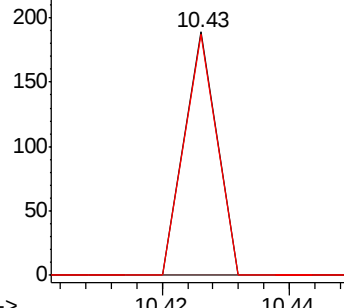
77 98.9 85.5 125.5



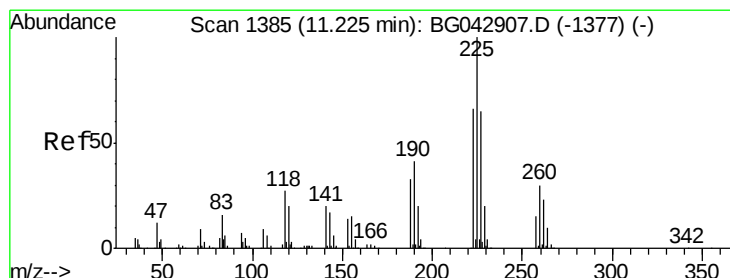
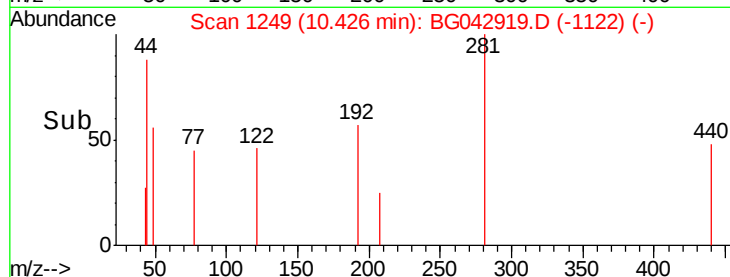
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG



Time-->



#34

Hexachlorobutadiene

Concen: 29.418 ng

RT: 11.23 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

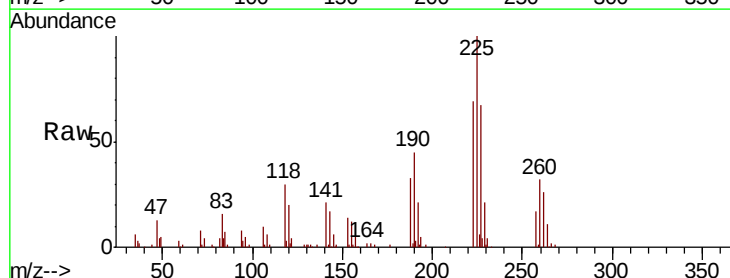
Tgt Ion:225 Resp: 91815

Ion Ratio Lower Upper

225 100

223 68.8 52.9 79.3

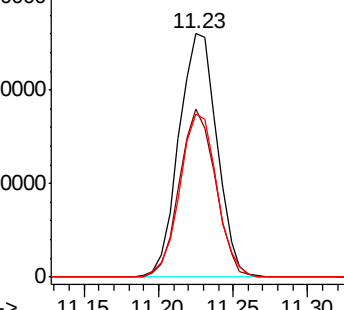
227 66.8 51.6 77.4



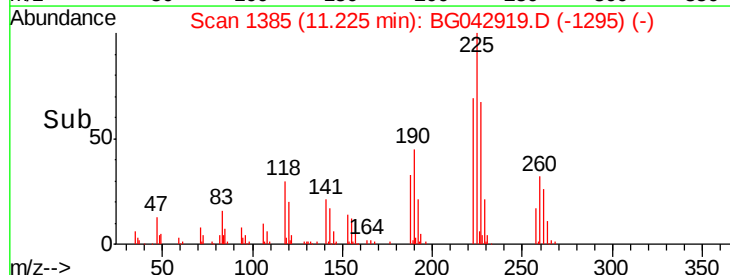
Abundance Ion 225.00 (224.70 to 225.70): E

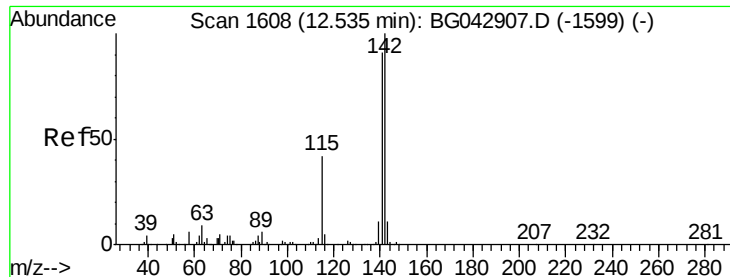
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->

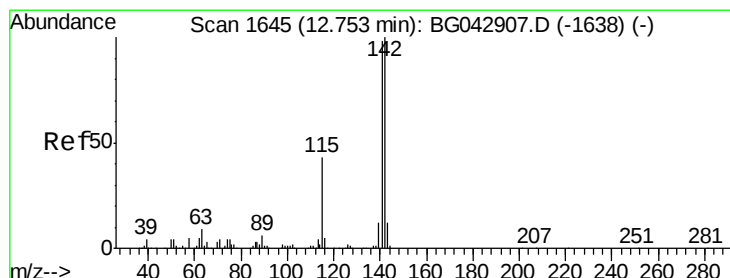
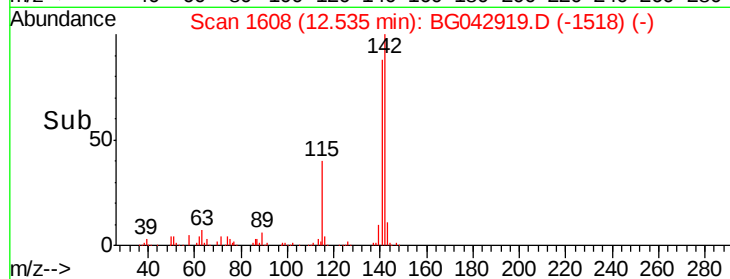
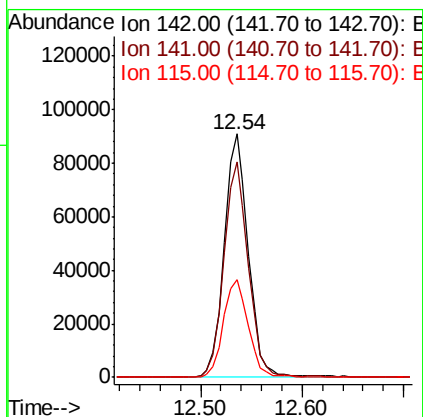
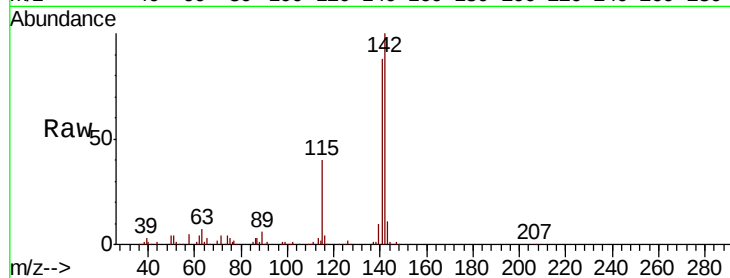




#37
2-Methylnaphthalene
Concen: 18.533 ng
RT: 12.54 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

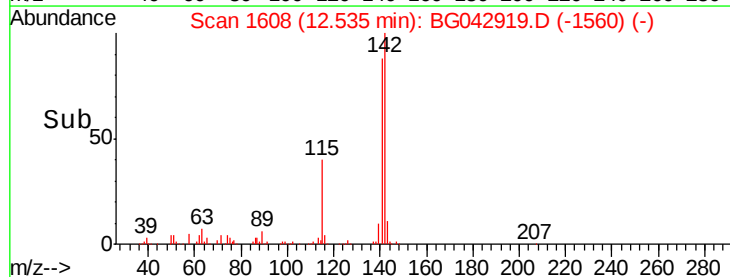
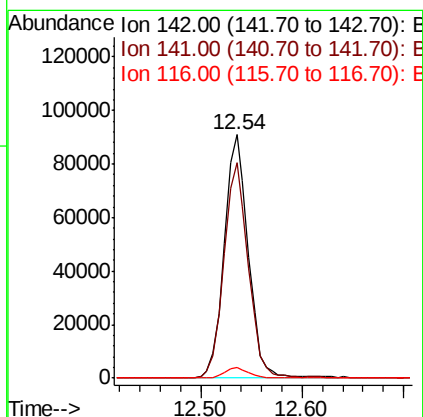
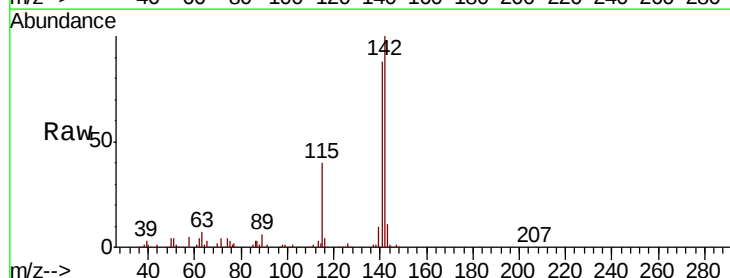
Instrument :
BNA_G
ClientSampleId :

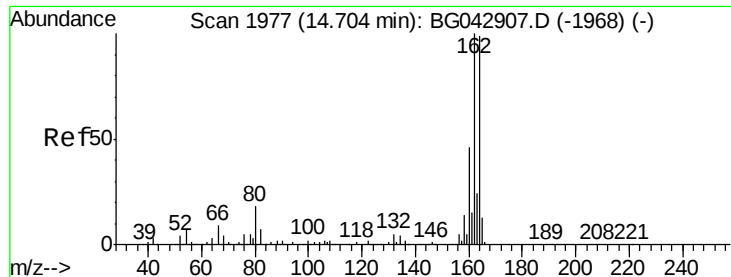
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	73.1	109.7
115	40.4	33.8	50.6



#38
1-Methylnaphthalene
Concen: 19.617 ng
RT: 12.54 min Scan# 1608
Delta R.T. -0.22 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	78.0	117.0
116	4.2	4.2	6.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

Instrument :

BNA_G

ClientSampleId :

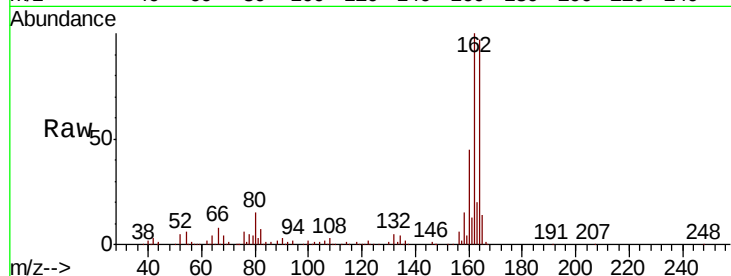
Tot Ion:164 Resp: 154717

Ion Ratio Lower Upper

164 100

162 102.7 81.2 121.8

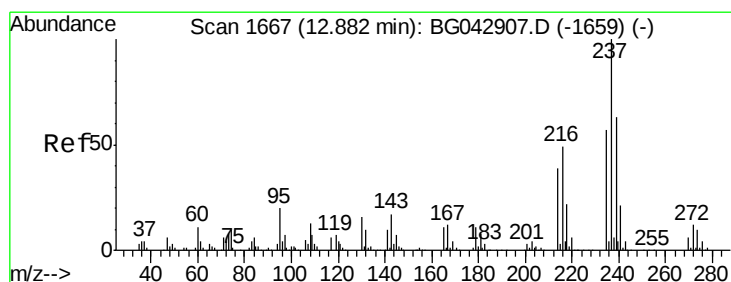
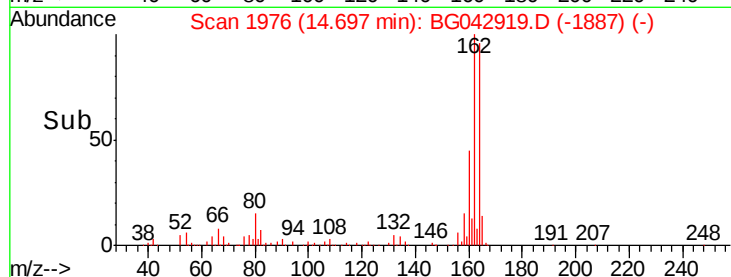
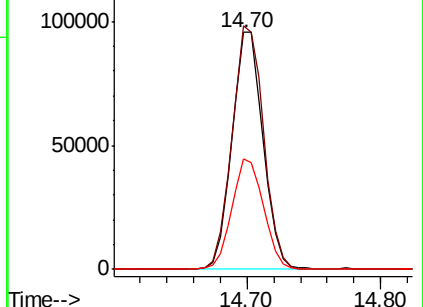
160 46.4 37.0 55.6



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



#41

Hexachlorocyclopentadiene

Concen: 22.551 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

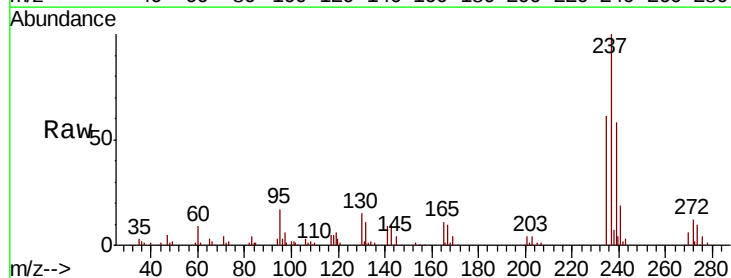
Tgt Ion:237 Resp: 79167

Ion Ratio Lower Upper

237 100

235 60.5 37.1 77.1

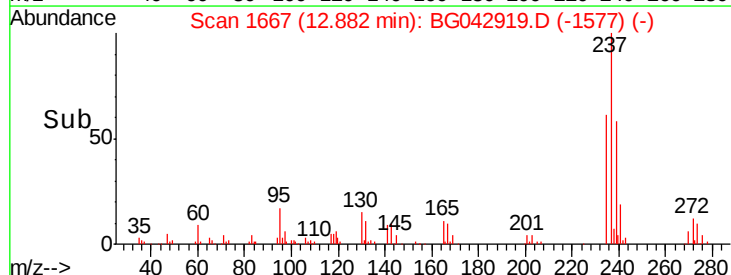
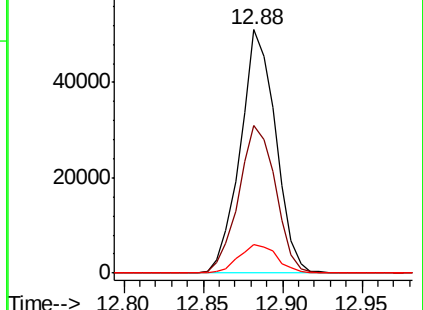
272 11.8 0.0 31.7

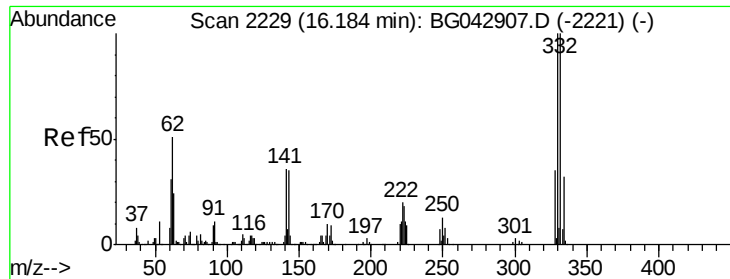


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

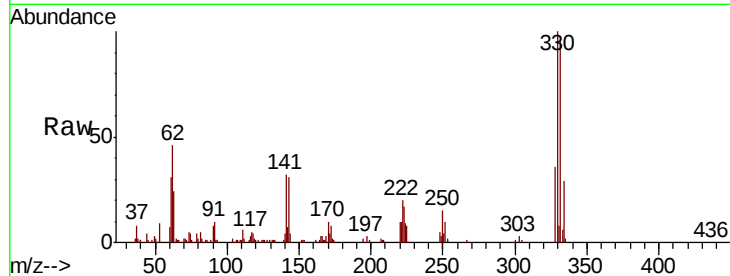




#42
2,4,6-Tribromophenol
Concen: 26.711 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.4	77.4	116.2
141	32.1	26.5	39.7

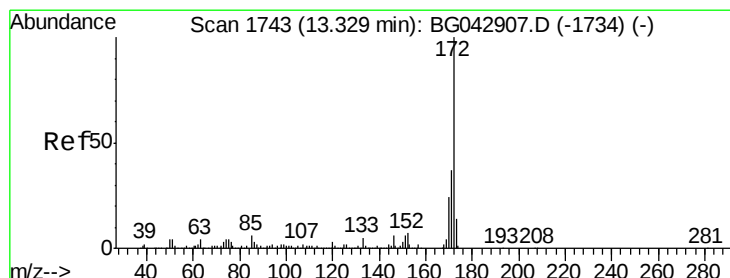
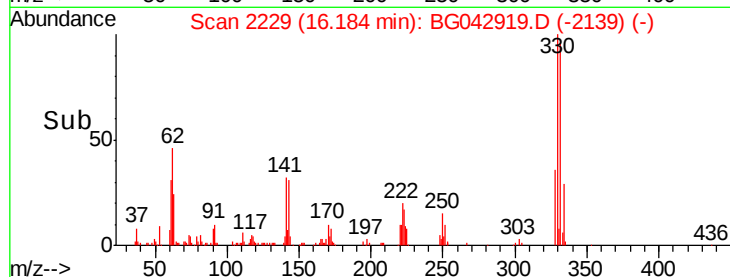
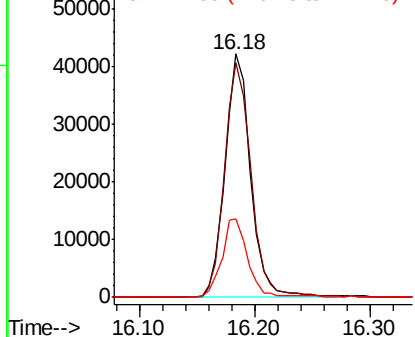


Abundance

Ion 329.80 (329.50 to 330.50): E

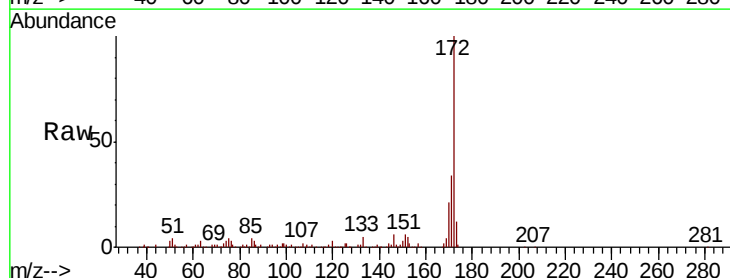
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 22.414 ng
RT: 13.33 min Scan# 1743
Delta R.T. -0.00 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.7	44.5
170	21.5	19.5	29.3

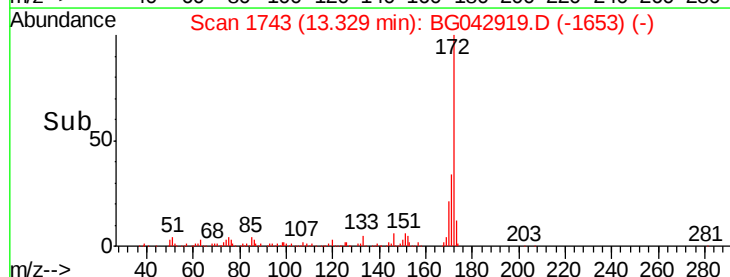
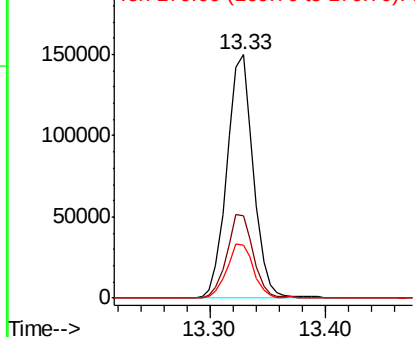


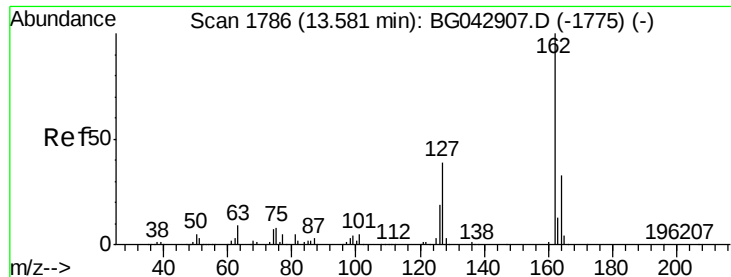
Abundance

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

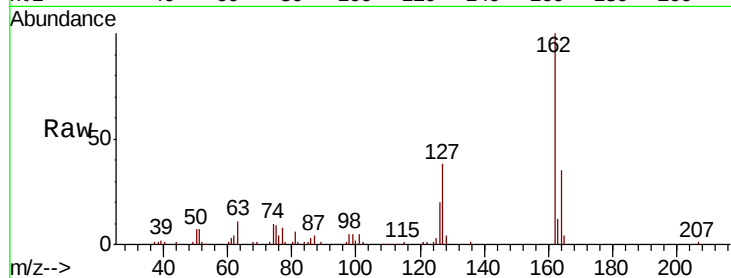




#47
2-Chloronaphthalene
Concen: 8.854 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	32.1	48.1
164	34.5	26.6	39.8

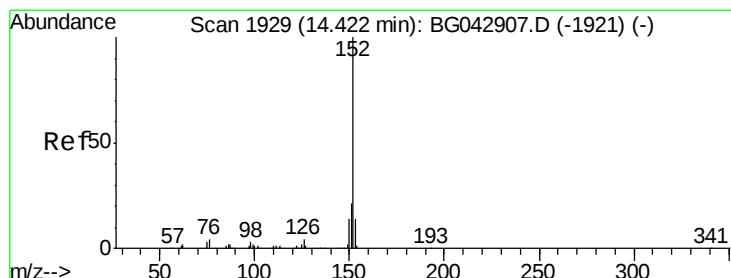
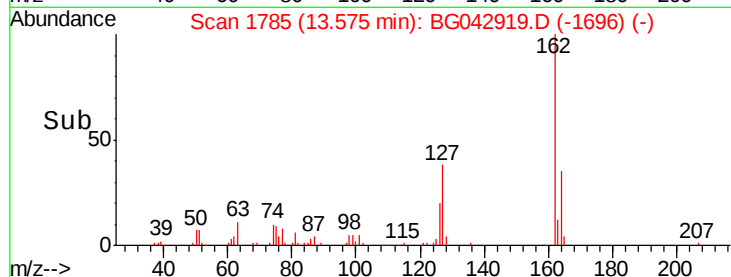
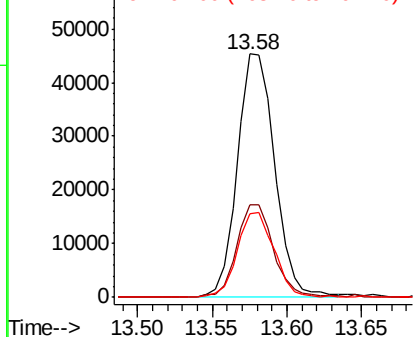


Abundance

Ion 162.00 (161.70 to 162.70): E

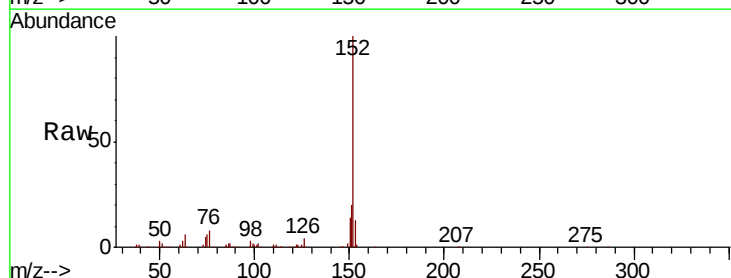
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#49
Acenaphthylene
Concen: 29.463 ng
RT: 14.42 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.9	25.3
153	13.2	10.9	16.3

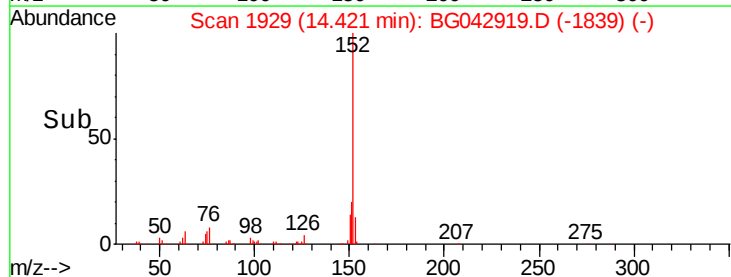
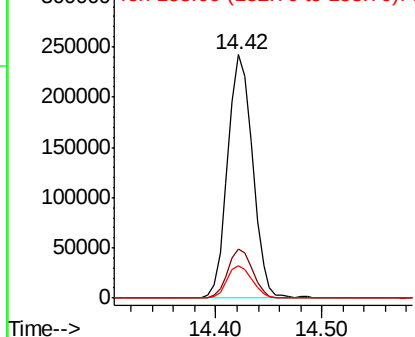


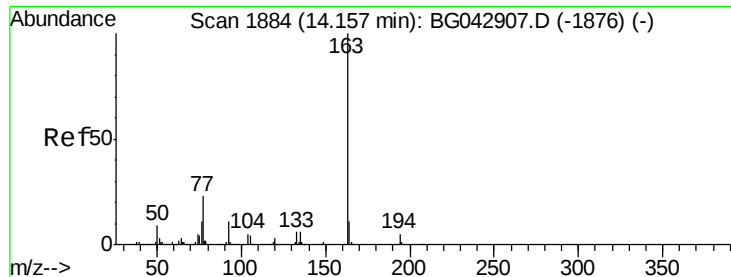
Abundance

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

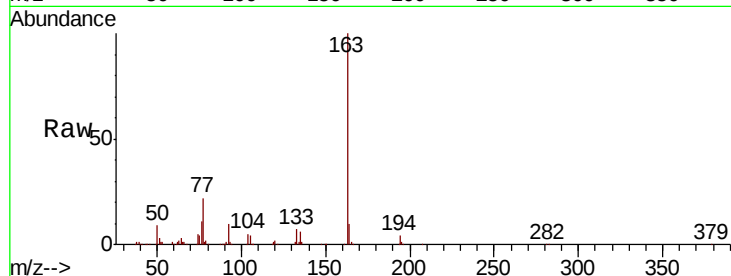




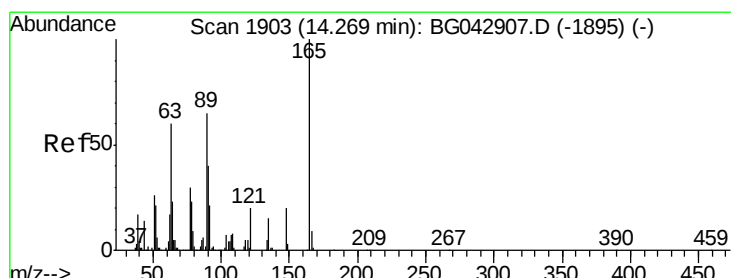
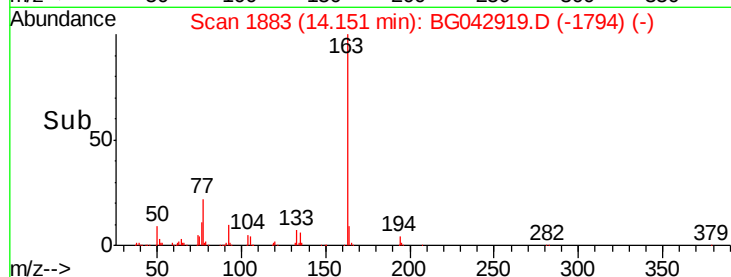
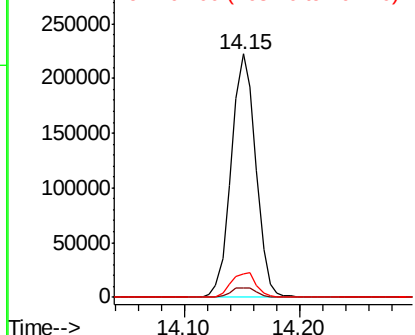
#50
Dimethylphthalate
Concen: 28.962 ng
RT: 14.15 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.8	5.6
164	9.5	8.4	12.6

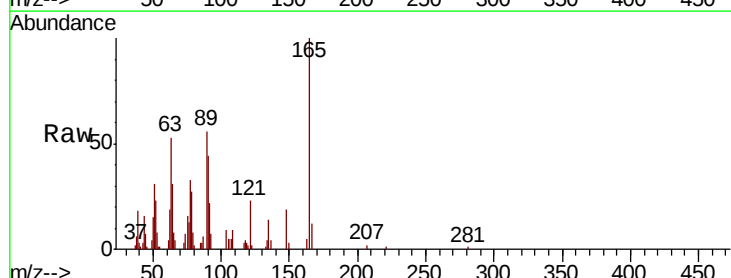


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

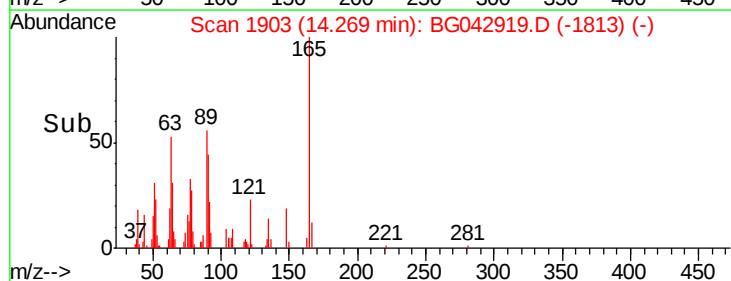
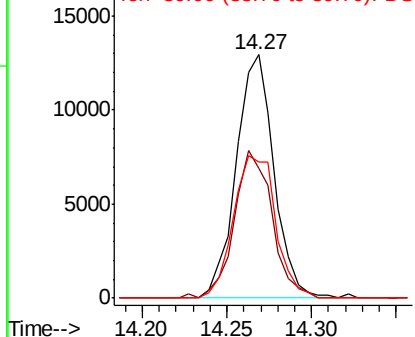


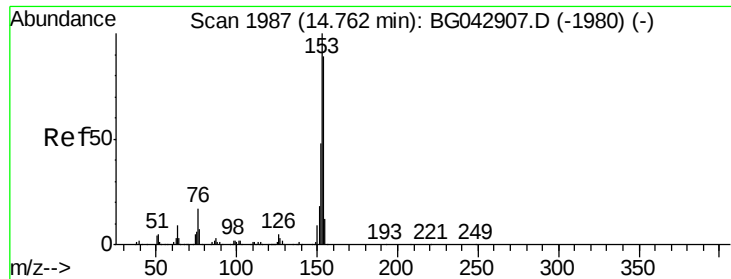
#51
2,6-Dinitrotoluene
Concen: 8.354 ng
RT: 14.27 min Scan# 1903
Delta R.T. -0.00 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.4	52.6	79.0
89	55.9	52.2	78.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG





#52

Acenaphthene

Concen: 33.450 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

Instrument :

BNA_G

ClientSampleId :

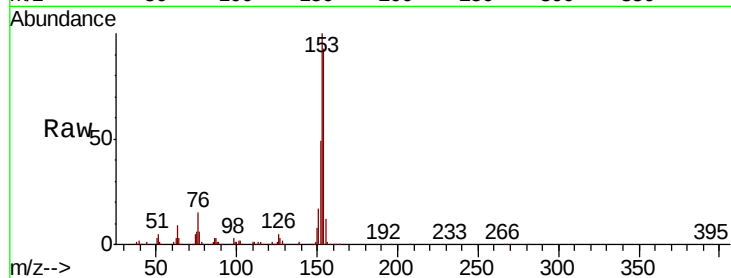
Tot Ion:154 Resp: 297838

Ion Ratio Lower Upper

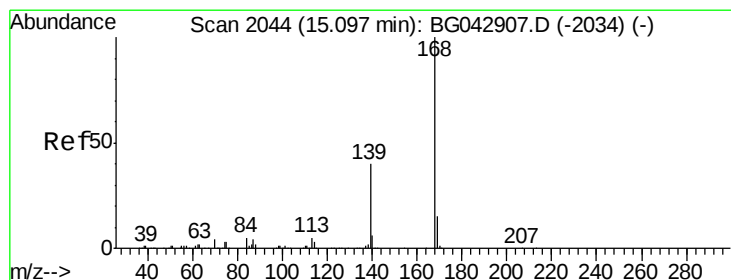
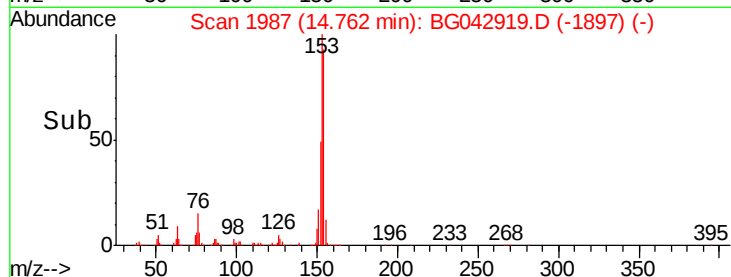
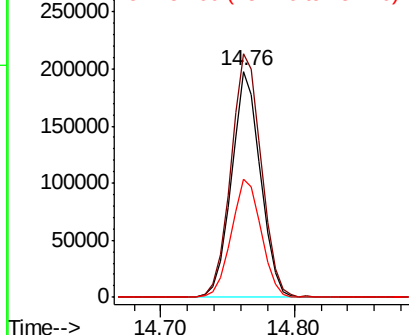
154 100

153 107.6 89.9 134.9

152 52.5 42.7 64.1



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



#55

Dibenzofuran

Concen: 21.699 ng

RT: 15.10 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

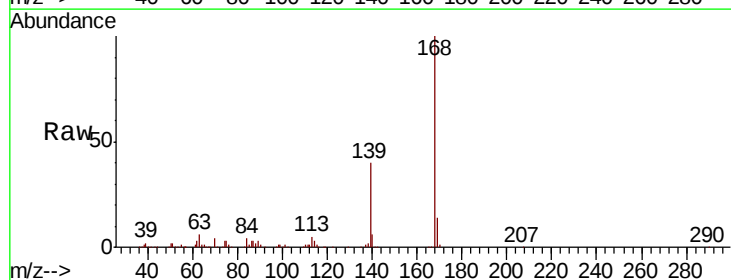
Tgt Ion:168 Resp: 286608

Ion Ratio Lower Upper

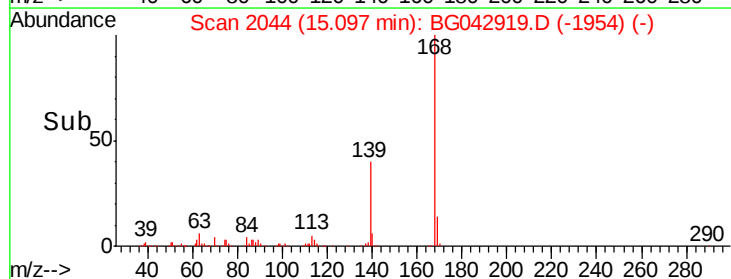
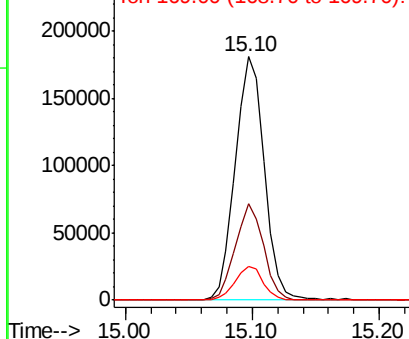
168 100

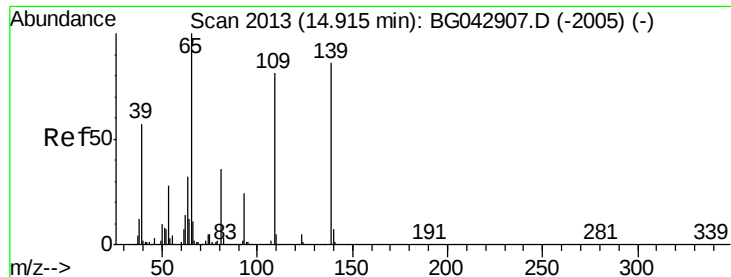
139 39.5 32.4 48.6

169 13.6 11.6 17.4



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 57.386 ng

RT: 15.10 min Scan# 2044

Delta R.T. 0.18 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

Instrument :

BNA_G

ClientSampleId :

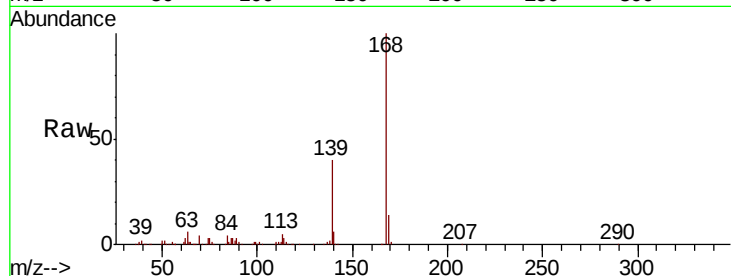
Tot Ion:139 Resp: 110785

Ion Ratio Lower Upper

139 100

109 1.1 73.4 113.4#

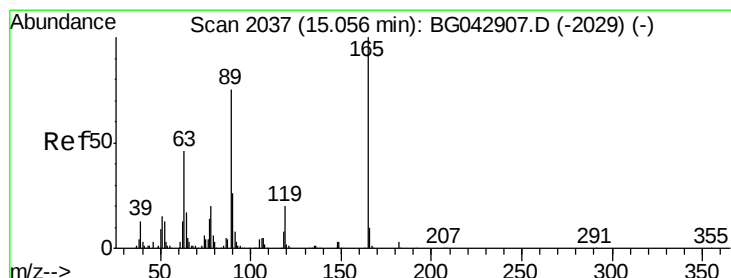
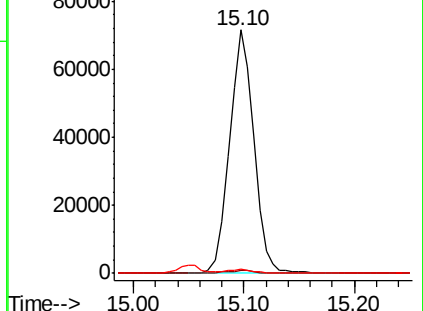
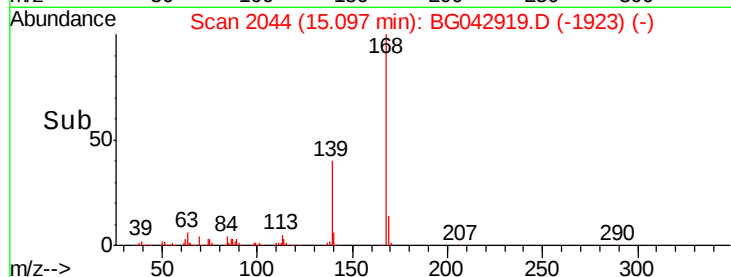
65 1.5 96.0 136.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#57

2,4-Dinitrotoluene

Concen: 16.939 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

Tgt Ion:165 Resp: 57974

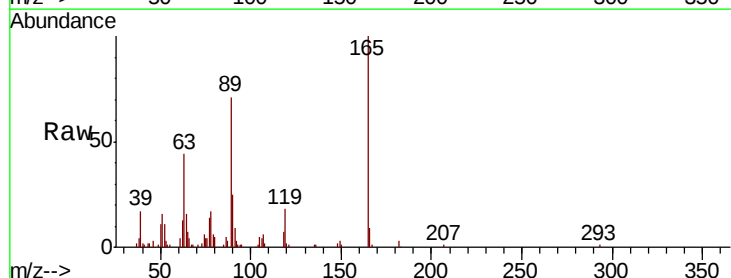
Ion Ratio Lower Upper

165 100

63 44.5 37.4 56.0

89 70.7 59.8 89.8

182 3.4 2.3 3.5

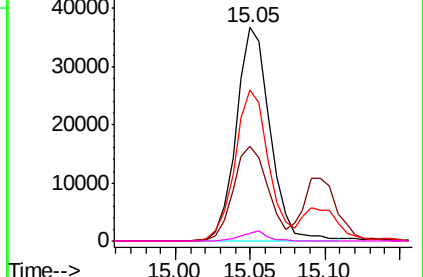
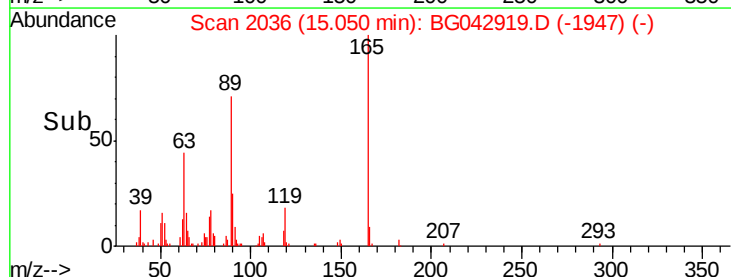


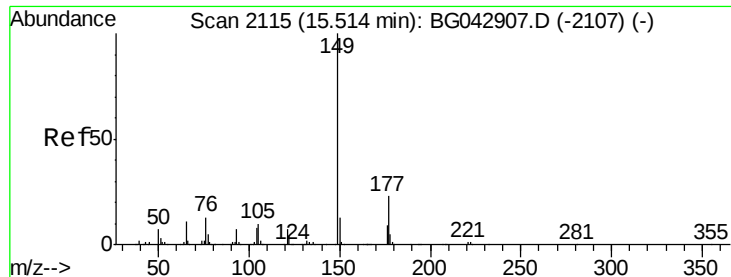
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

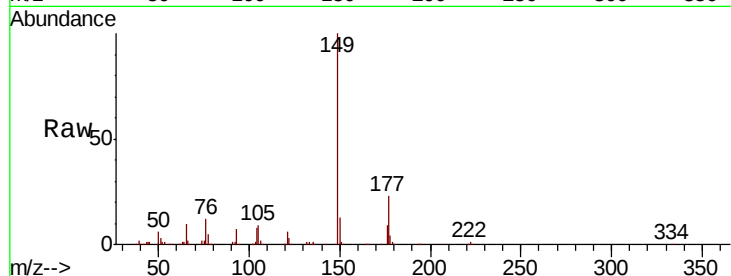




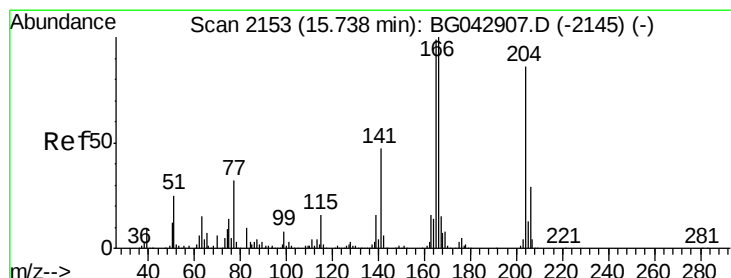
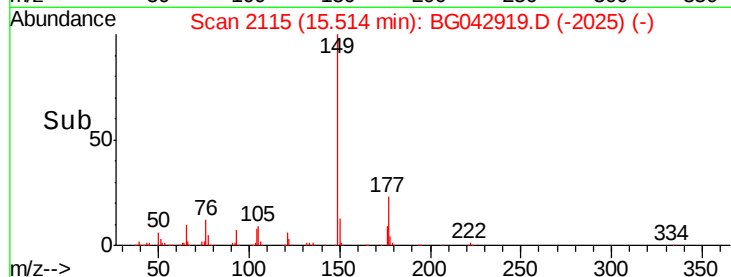
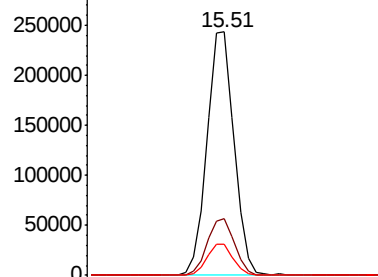
#60
Diethylphthalate
Concen: 30.158 ng
RT: 15.51 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.4	27.6
150	12.7	10.2	15.2

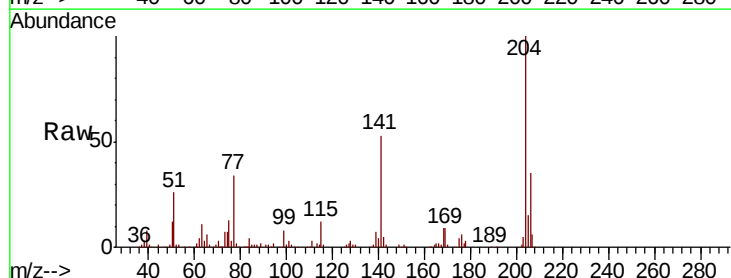


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

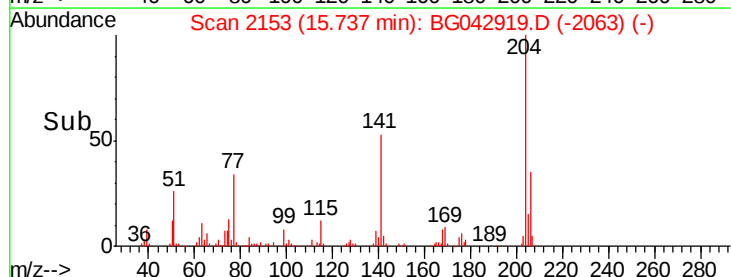
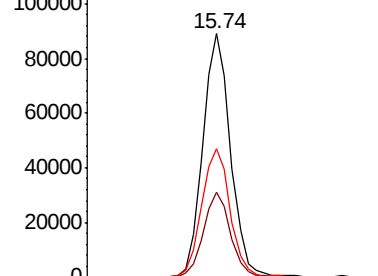


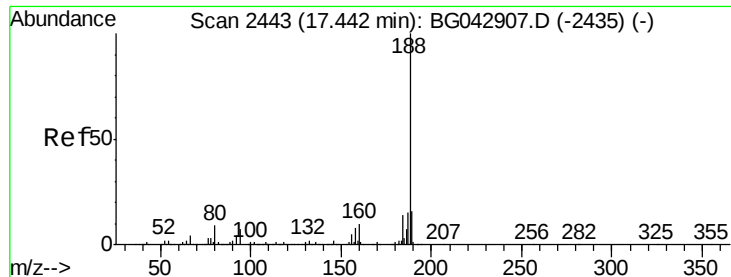
#61
4-Chlorophenyl-phenylether
Concen: 19.558 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.9	27.4	41.0
141	52.9	43.7	65.5



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

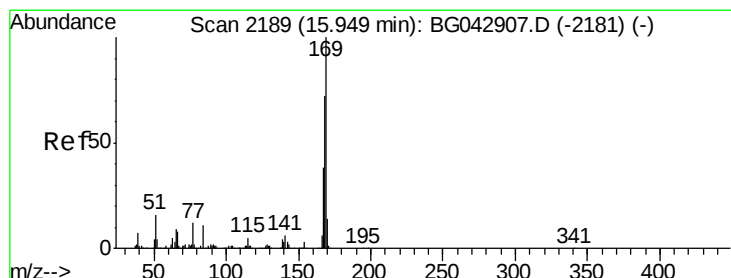
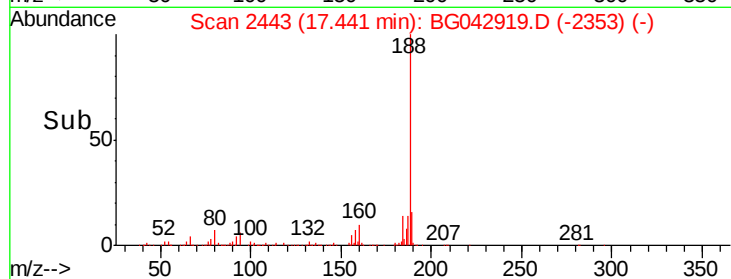
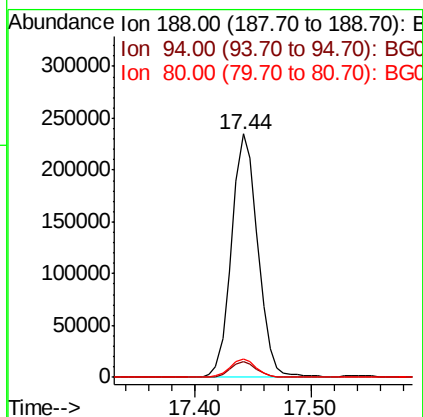
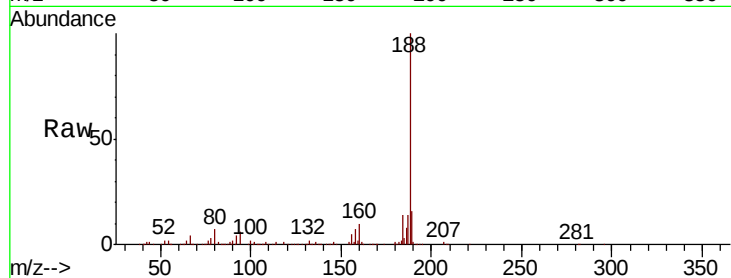




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

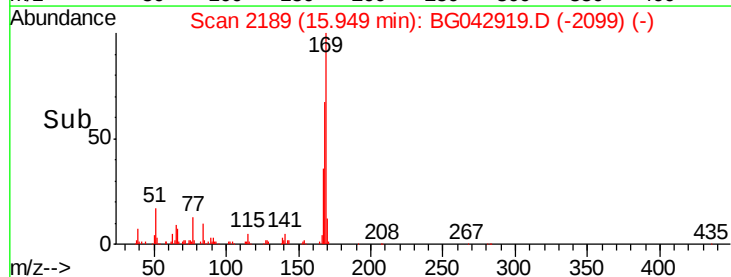
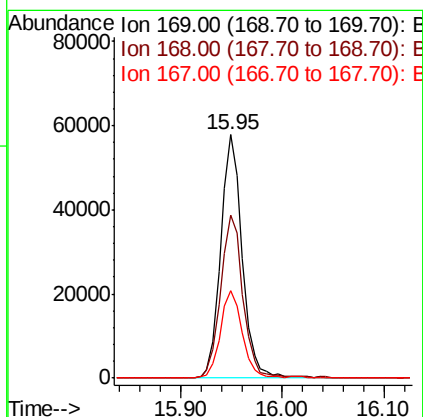
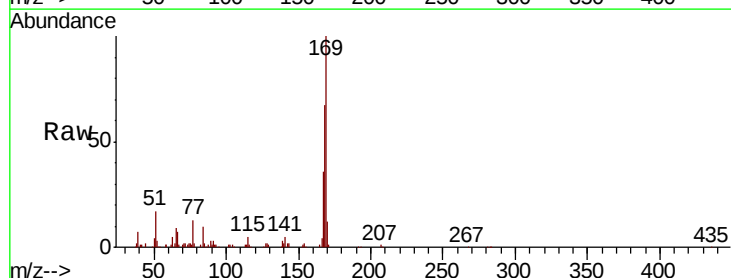
Instrument :
BNA_G
ClientSampleId :

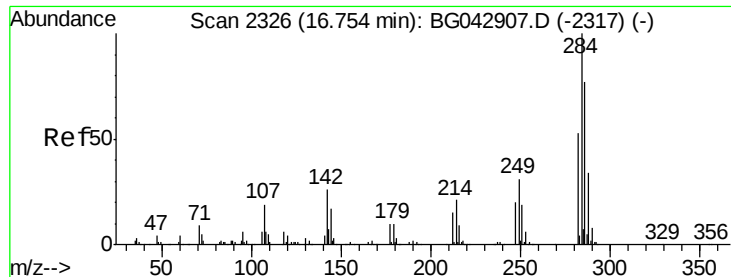
Tot Ion:188 Resp: 370201
Ion Ratio Lower Upper
188 100
94 6.3 5.7 8.5
80 7.3 6.9 10.3



#66
n-Nitrosodiphenylamine
Concen: 8.569 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Tgt Ion:169 Resp: 85270
Ion Ratio Lower Upper
169 100
168 66.8 57.4 86.2
167 35.8 30.3 45.5

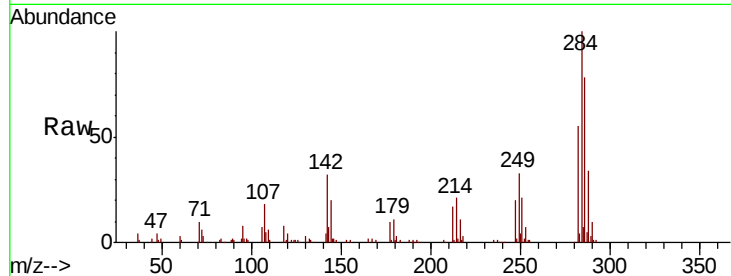




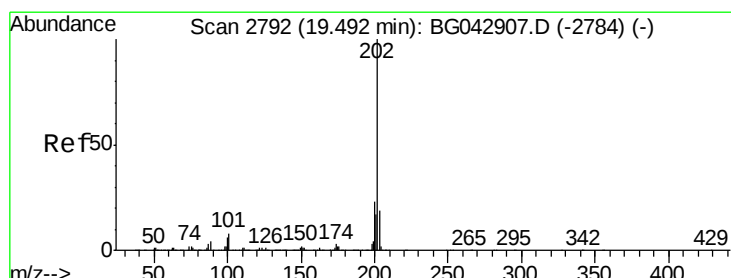
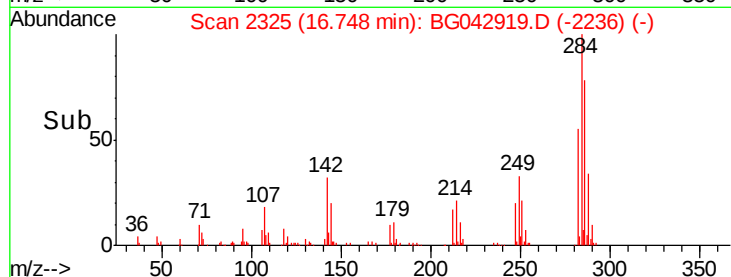
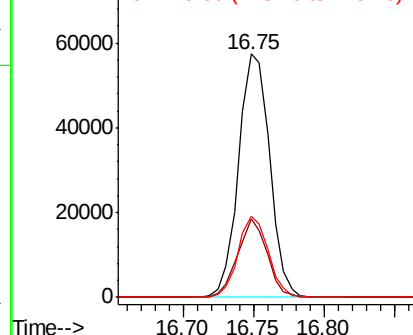
#68
Hexachlorobenzene
Concen: 17.574 ng
RT: 16.75 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	32.1	21.1	31.7#
249	33.3	24.8	37.2

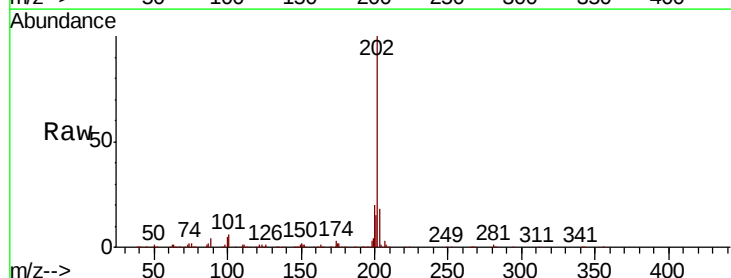


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

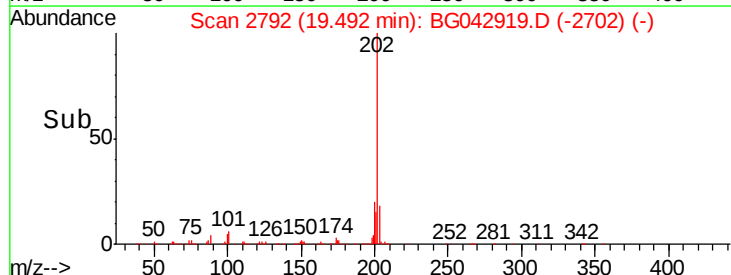
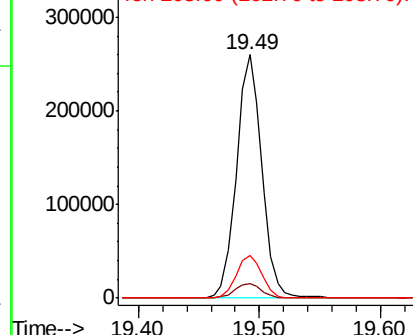


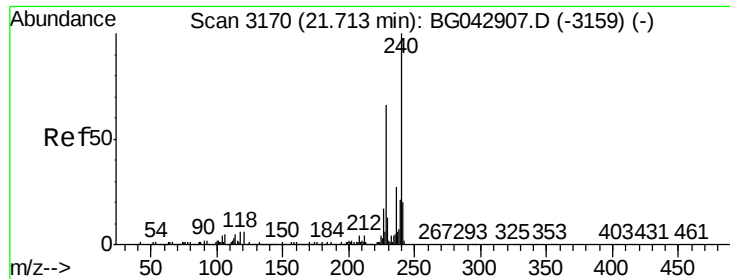
#75
Fluoranthene
Concen: 16.654 ng
RT: 19.49 min Scan# 2792
Delta R.T. -0.00 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.9	0.0	27.7
203	17.5	0.0	38.7



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

Instrument :

BNA_G

ClientSampleId :

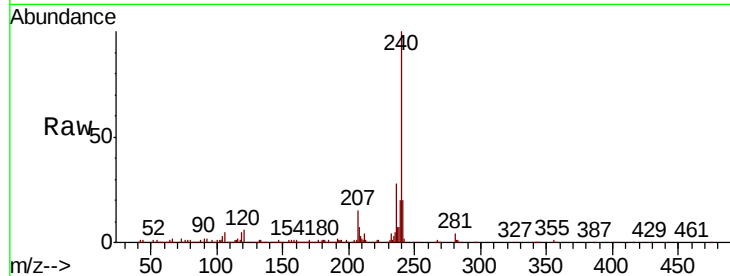
Tot Ion:240 Resp: 416132

Ion Ratio Lower Upper

240 100

120 6.0 5.2 7.8

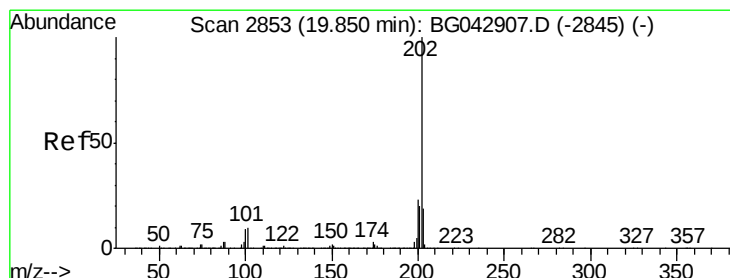
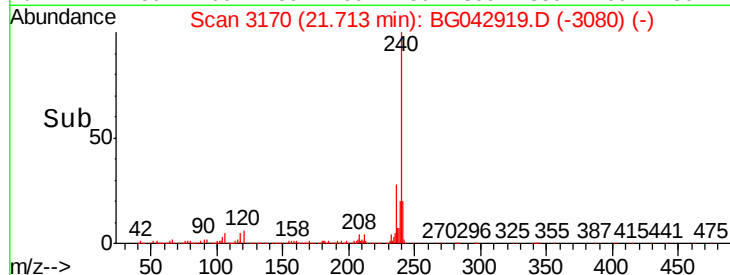
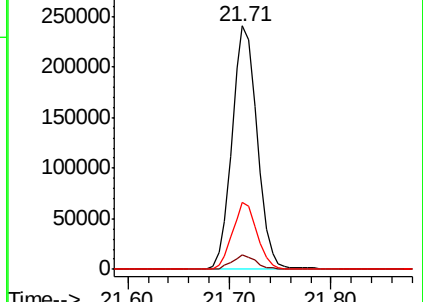
236 27.5 21.7 32.5



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



#78

Pyrene

Concen: 16.930 ng

RT: 19.85 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

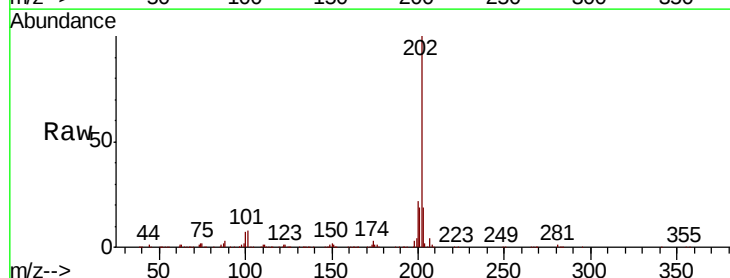
Tgt Ion:202 Resp: 420167

Ion Ratio Lower Upper

202 100

200 21.6 18.5 27.7

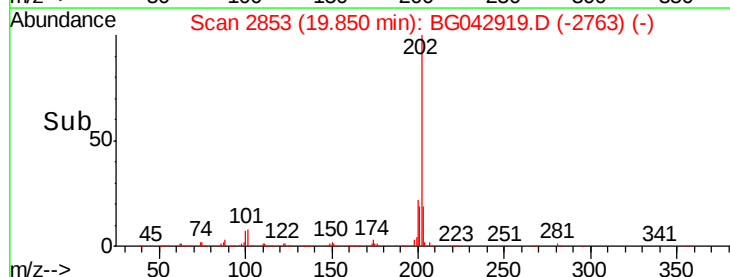
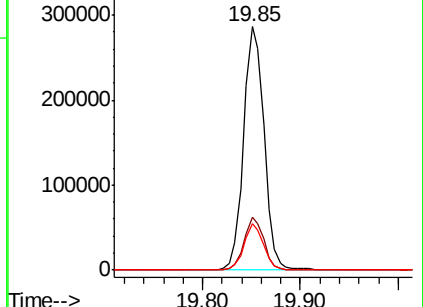
203 19.0 15.4 23.2

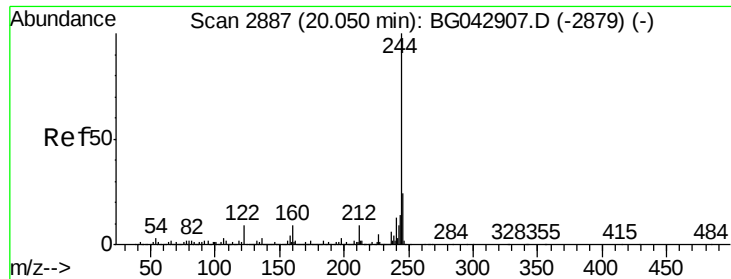


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 24.656 ng

RT: 20.05 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BG042919.D

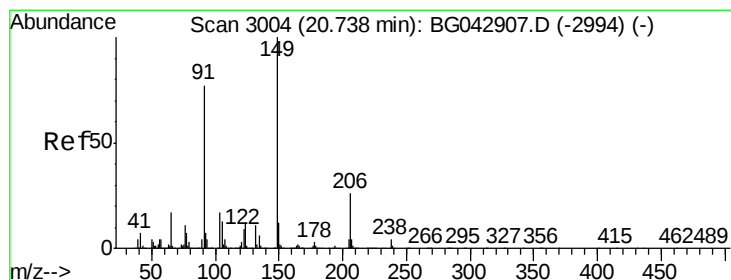
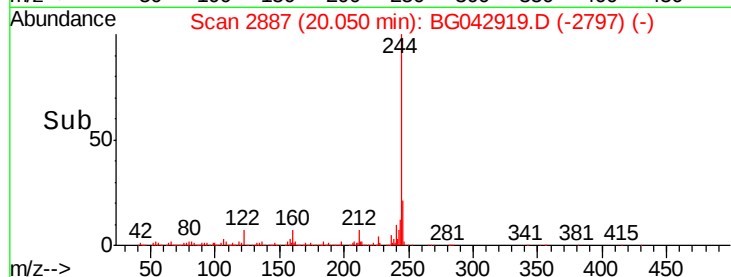
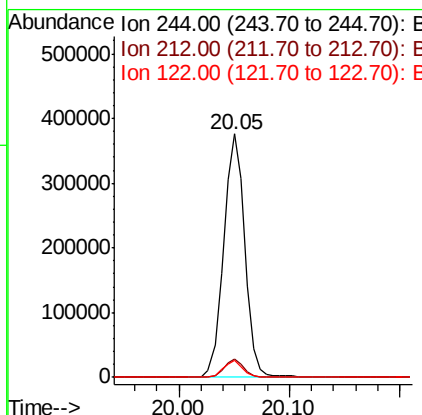
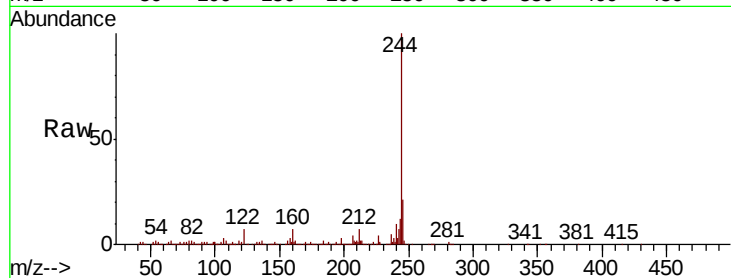
Acq: 23 Sep 2019 19:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	244	Resp:	504237
Ion Ratio	Lower	Upper	
244	100		
212	7.4	7.1	10.7
122	6.8	6.9	10.3#



#80

Butylbenzylphthalate

Concen: 24.118 ng

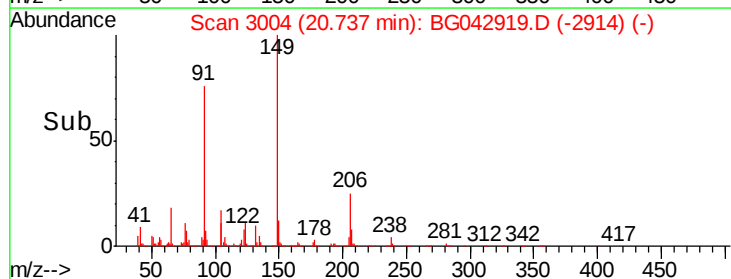
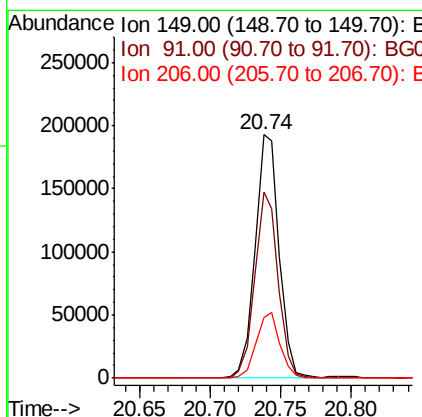
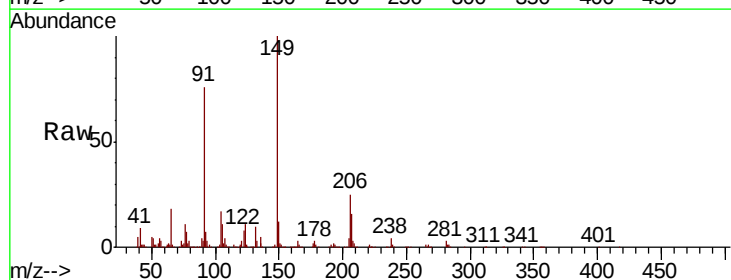
RT: 20.74 min Scan# 3004

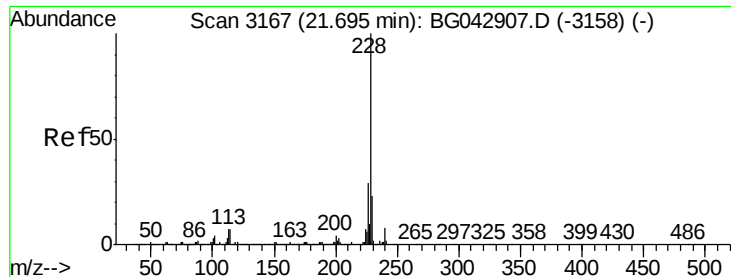
Delta R.T. -0.00 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

Tgt Ion:	149	Resp:	231142
Ion Ratio	Lower	Upper	
149	100		
91	76.4	61.4	92.2
206	24.7	21.0	31.6

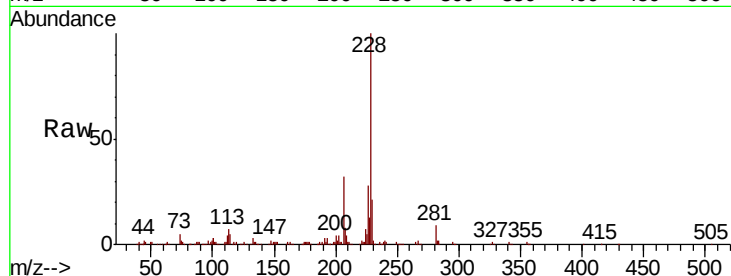




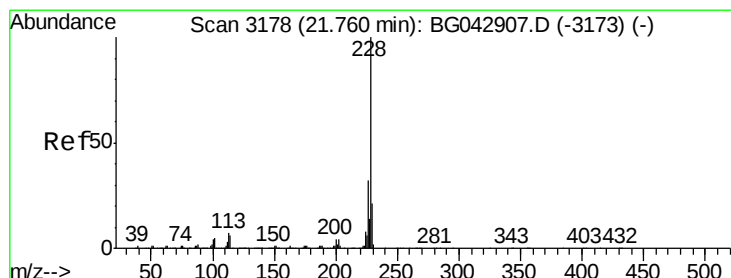
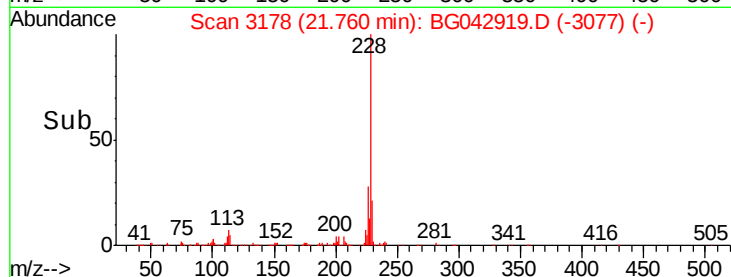
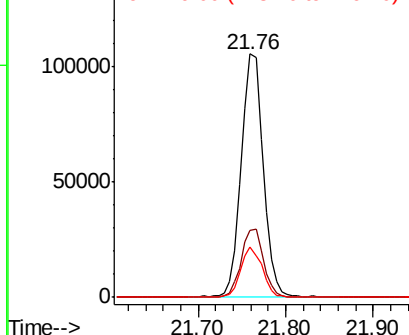
#81
Benzo(a)anthracene
Concen: 6.960 ng
RT: 21.76 min Scan# 3178
Delta R.T. 0.06 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.3	34.9
229	20.7	18.0	27.0

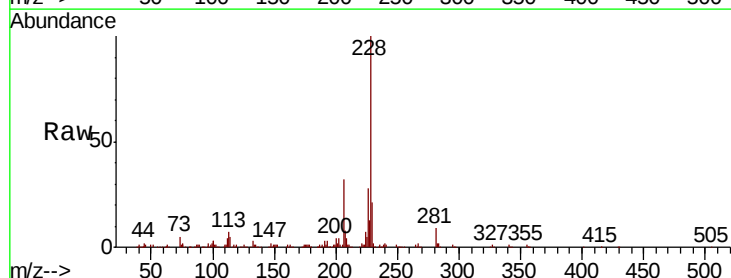


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

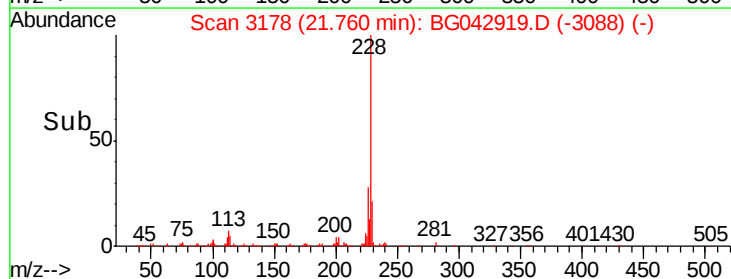
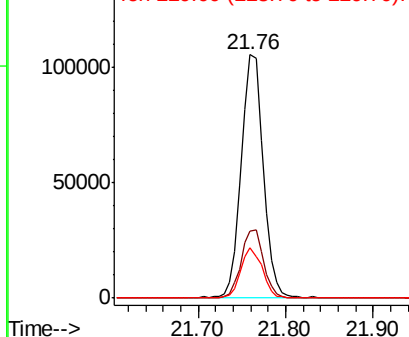


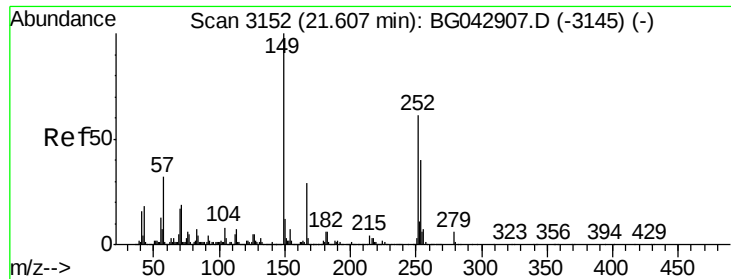
#83
Chrysene
Concen: 7.198 ng
RT: 21.76 min Scan# 3178
Delta R.T. -0.00 min
Lab File: BG042919.D
Acq: 23 Sep 2019 19:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	25.3	37.9
229	20.7	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





#84

Bis(2-ethylhexyl)phthalate

Concen: 9.834 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

Instrument :

BNA_G

ClientSampled :

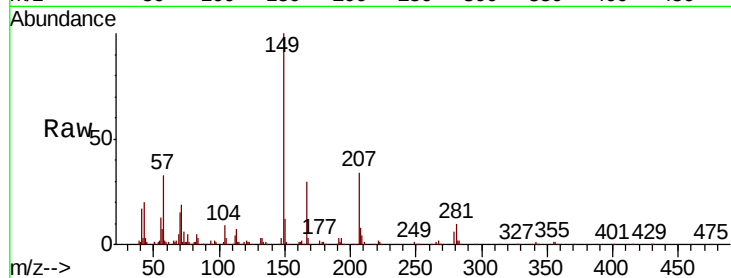
Tot Ion:149 Resp: 133298

Ion Ratio Lower Upper

149 100

167 29.6 23.4 35.0

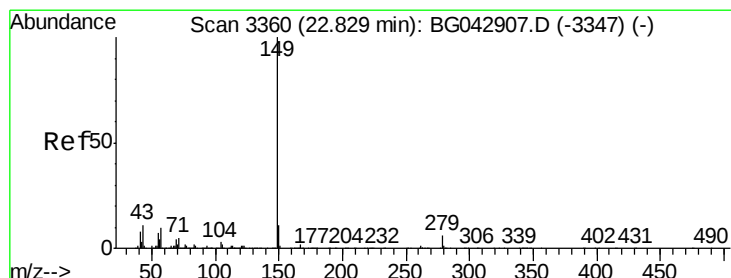
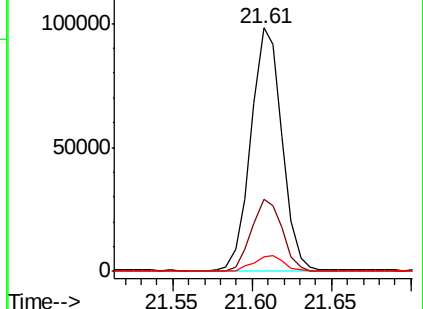
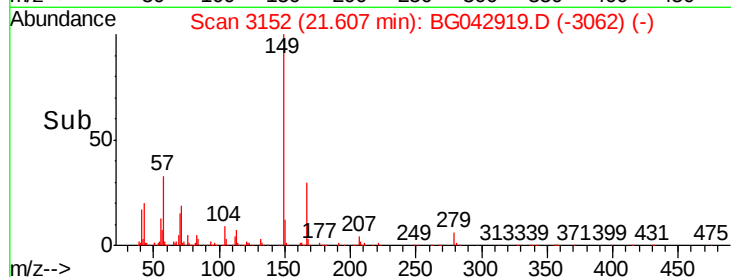
279 5.9 4.9 7.3



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



#85

Di-n-octyl phthalate

Concen: 24.060 ng

RT: 22.83 min Scan# 3360

Delta R.T. -0.00 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

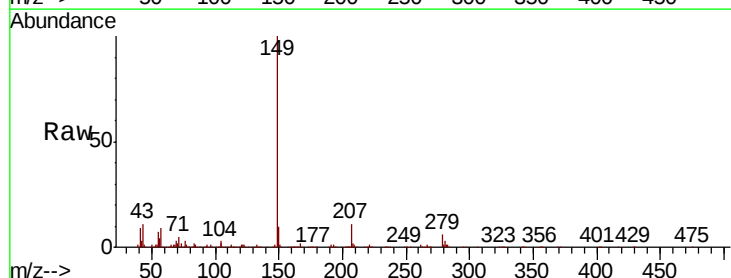
Tgt Ion:149 Resp: 539611

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

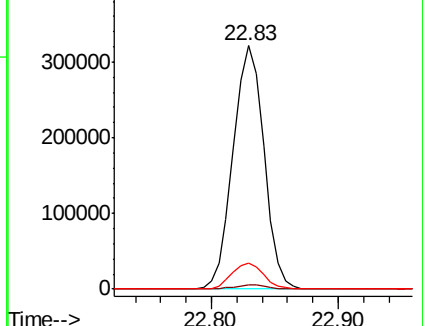
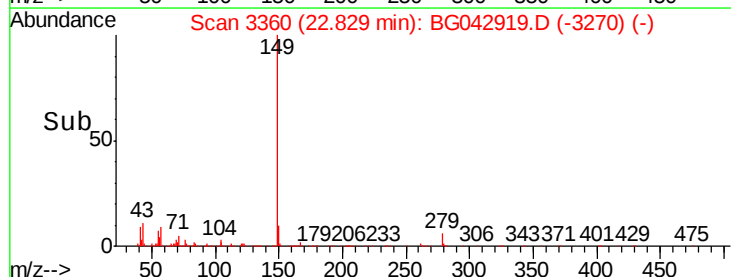
43 10.8 9.1 13.7

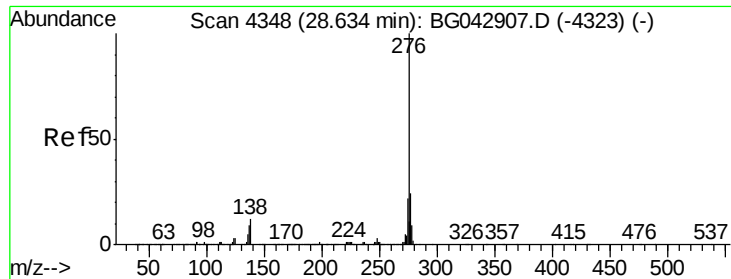


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#86

Indeno(1,2,3-cd)pyrene

Concen: 8.650 ng

RT: 28.63 min Scan# 4348

Delta R.T. -0.00 min

Lab File: BG042919.D

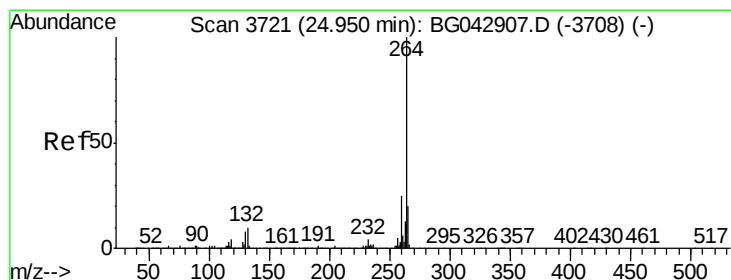
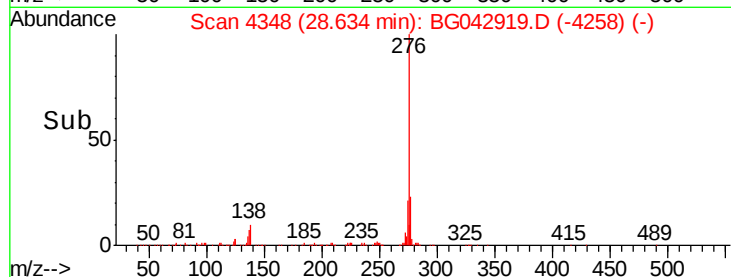
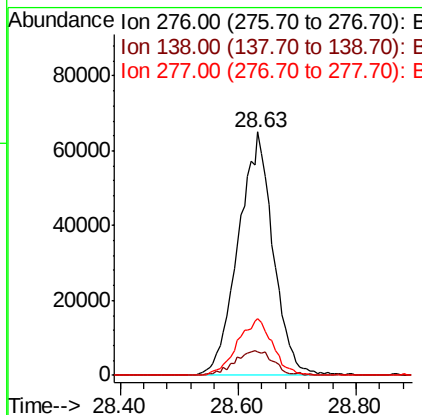
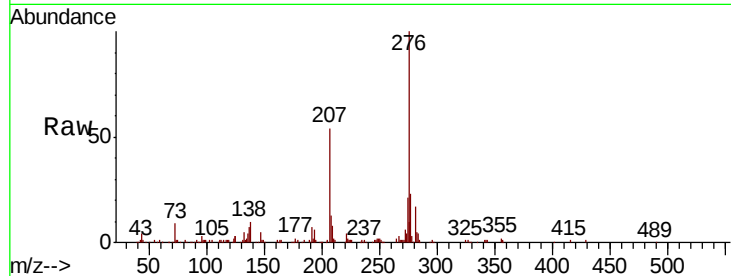
Acq: 23 Sep 2019 19:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	276	Resp:	267251
Ion	Ratio	Lower	Upper
276	100		
138	11.2	12.2	18.2#
277	23.5	20.9	31.3



#87

Perylene-d12

Concen: 20.000 ng

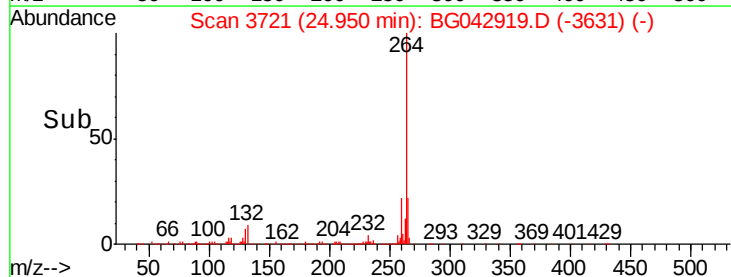
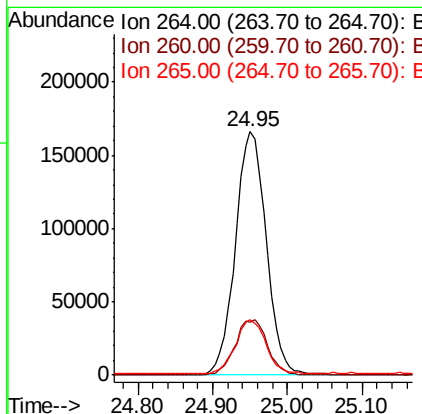
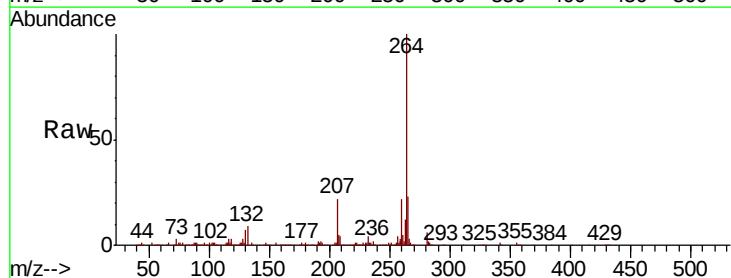
RT: 24.95 min Scan# 3721

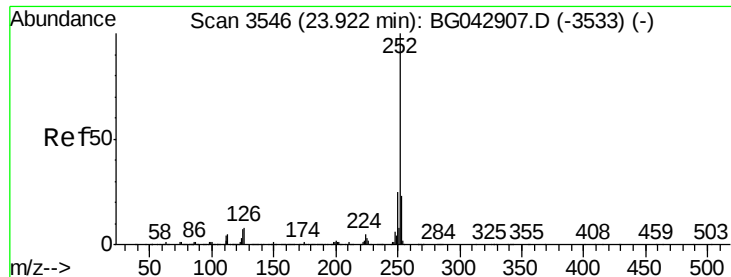
Delta R.T. -0.00 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

Tgt Ion:	264	Resp:	478407
Ion	Ratio	Lower	Upper
264	100		
260	21.8	20.4	30.6
265	22.6	17.0	25.4





#88

Benzo(b)fluoranthene

Concen: 20.267 ng

RT: 23.99 min Scan# 3558

Delta R.T. 0.07 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

Instrument :

BNA_G

ClientSampleId :

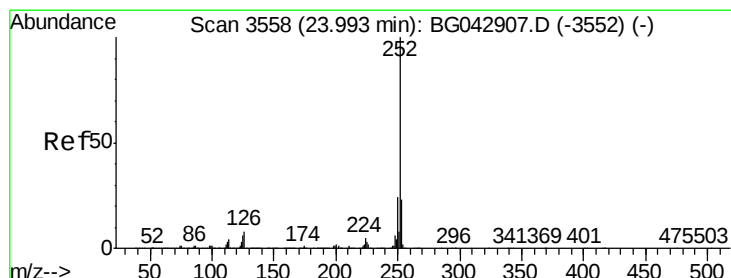
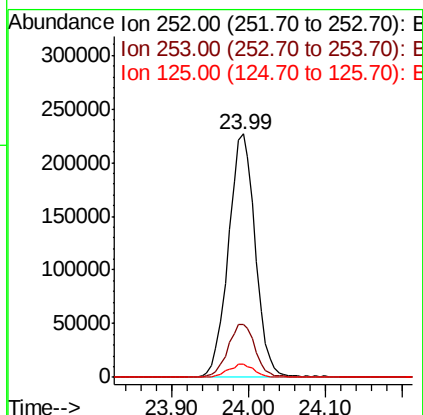
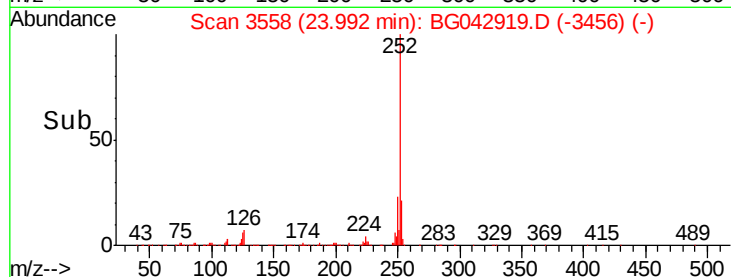
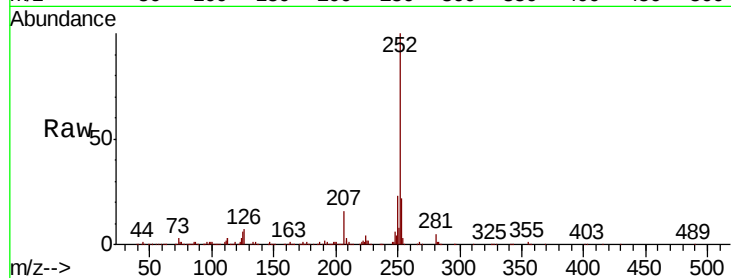
Tot Ion:252 Resp: 552124

Ion Ratio Lower Upper

252 100

253 21.6 18.8 28.2

125 5.6 5.2 7.8



#89

Benzo(k)fluoranthene

Concen: 20.979 ng

RT: 23.99 min Scan# 3558

Delta R.T. -0.00 min

Lab File: BG042919.D

Acq: 23 Sep 2019 19:03

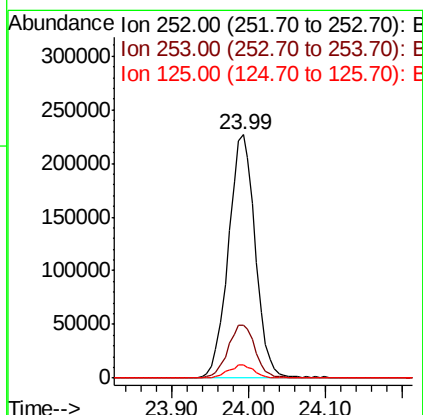
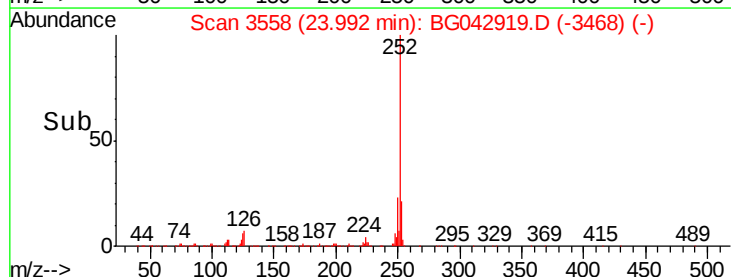
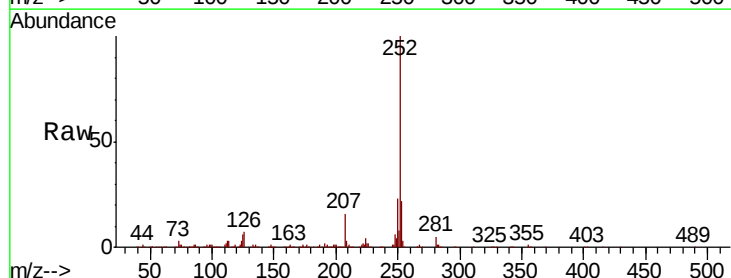
Tgt Ion:252 Resp: 552124

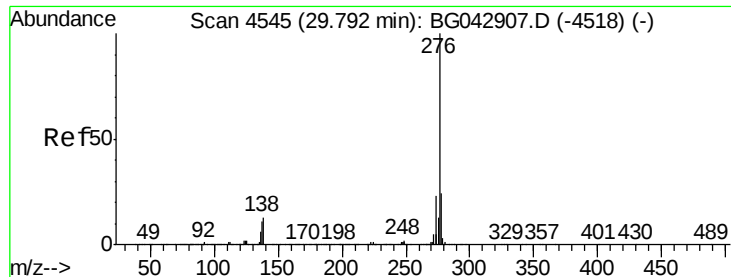
Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.2

125 5.6 5.0 7.6





#92
 Benzo(a,h,i)perylene
 Concen: 14.396 ng
 RT: 29.79 min Scan# 4544
 Delta R.T. -0.01 min
 Lab File: BG042919.D
 Acq: 23 Sep 2019 19:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.2	28.8
138	9.9	10.6	15.8

