

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092319\
 Data File : BG042917.D
 Acq On : 23 Sep 2019 17:25
 Operator : HP/JU
 Sample : K4839-03DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 24 01:20:06 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	53273	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	208964	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	145944	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	353779	20.00	ng	0.00
76) Chrysene-d12	21.71	240	405909	20.00	ng	0.00
87) Perylene-d12	24.95	264	460793	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	91390	29.74	ng	0.00
7) Phenol-d6	7.25	99	135165	30.47	ng	-0.01
23) Nitrobenzene-d5	9.24	82	83517	19.50	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	66777	29.01	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	237202	23.84	ng	0.00
79) Terphenyl-d14	20.05	244	523122	26.22	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.88	42	41441	24.053	ng	# 98
12) 1,3-Dichlorobenzene	7.97	146	80079	20.164	ng	91
13) 1,4-Dichlorobenzene	8.11	146	96044	24.054	ng	97
14) 1,2-Dichlorobenzene	8.44	146	52384	13.822	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.61	45	65732	10.495	ng	99
18) Hexachloroethane	9.16	117	49977	34.160	ng	99
19) n-Nitroso-di-n-propylamine	8.88	70	53184	17.976	ng	96
24) Nitrobenzene	9.28	77	94770	22.836	ng	95
25) Isophorone	9.81	82	28857	3.771	ng	# 95
28) bis(2-Chloroethoxy)methane	10.29	93	29051	6.577	ng	96
30) 1,2,4-Trichlorobenzene	10.75	180	57362	13.782	ng	98
34) Hexachlorobutadiene	11.23	225	92517	30.800	ng	98
37) 2-Methylnaphthalene	12.54	142	150541	19.379	ng	96
38) 1-Methylnaphthalene	12.54	142	150541	20.512	ng	# 91
41) Hexachlorocyclopentadiene	12.88	237	79244	23.929	ng	96
47) 2-Chloronaphthalene	13.58	162	81590	9.726	ng	93
49) Acenaphthylene	14.42	152	399542	31.485	ng	97
50) Dimethylphthalate	14.15	163	325661	30.493	ng	99
51) 2,6-Dinitrotoluene	14.27	165	20218	8.888	ng	94
52) Acenaphthene	14.76	154	298960	35.594	ng	100
55) Dibenzofuran	15.10	168	286626	23.004	ng	98
56) 4-Nitrophenol	15.10	139	112592	61.827	ng	# 1
57) 2,4-Dinitrotoluene	15.05	165	59539	18.442	ng	98
60) Diethylphthalate	15.51	149	347552	32.253	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	131622	21.103	ng	97
66) n-Nitrosodiphenylamine	15.95	169	85538	8.995	ng	95
68) Hexachlorobenzene	16.75	284	89872	18.717	ng	98
75) Fluoranthene	19.49	202	396407	18.207	ng	97
78) Pyrene	19.85	202	430612	17.788	ng	97
80) Butylbenzylphthalate	20.74	149	241313	25.813	ng	97
81) Benzo(a)anthracene	21.76	228	179973	7.199	ng	96
83) Chrysene	21.76	228	179973	7.445	ng	95
84) Bis(2-ethylhexyl)phthalate	21.61	149	142361	10.767	ng	98
85) Di-n-octyl phthalate	22.83	149	563961	25.779	ng	99

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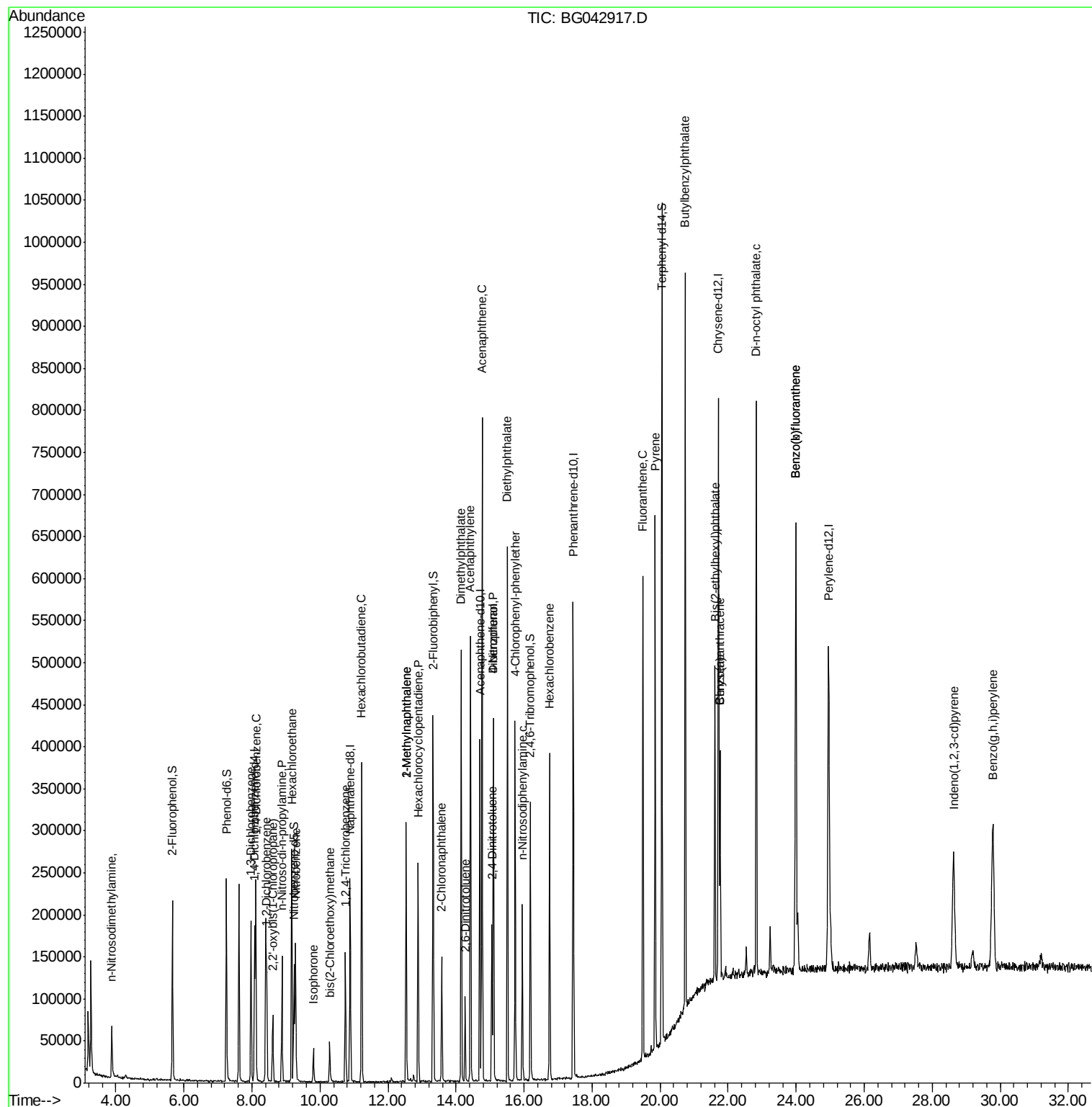
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) Indeno(1,2,3-cd)pyrene	28.63	276	270786	8.985	ng	# 89
88) Benzo(b)fluoranthene	23.99	252	565025	21.534	ng	96
89) Benzo(k)fluoranthene	23.99	252	565025	22.289	ng	97
92) Benzo(g,h,i)perylene	29.78	276	377318	15.546	ng	96

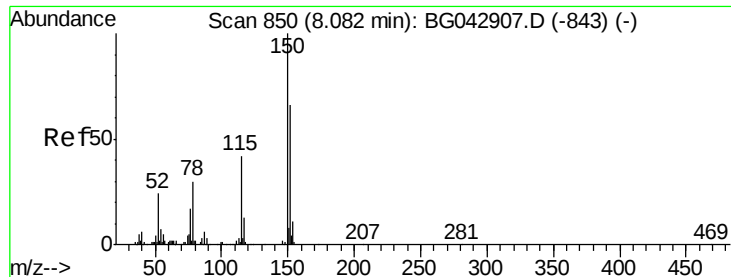
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_G
ClientSampled :

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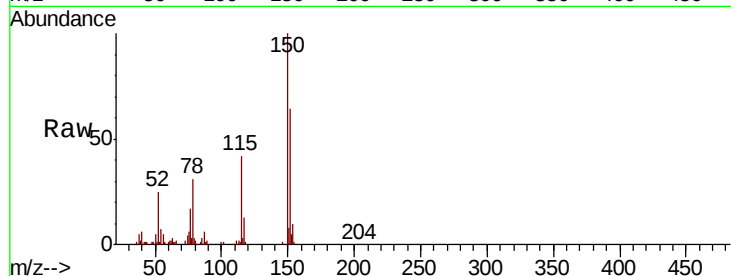


#1

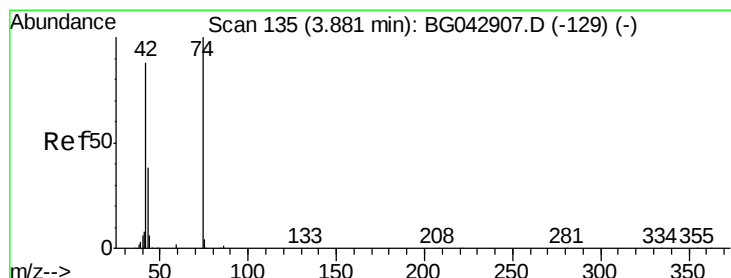
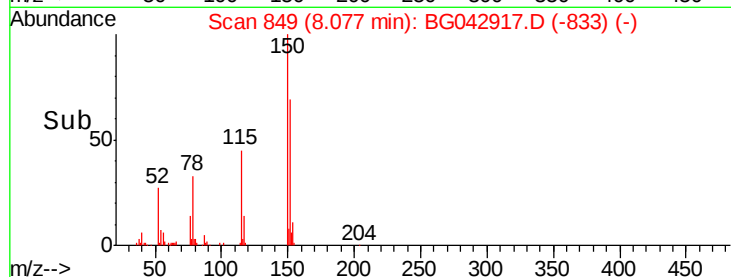
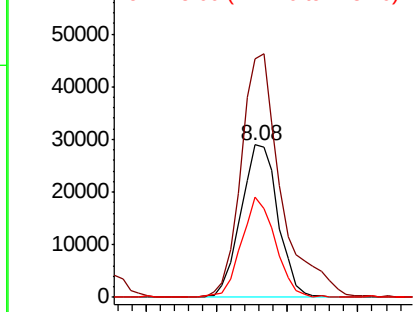
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53273
Ion Ratio Lower Upper
152 100
150 156.5 121.4 182.2
115 65.5 50.7 76.1



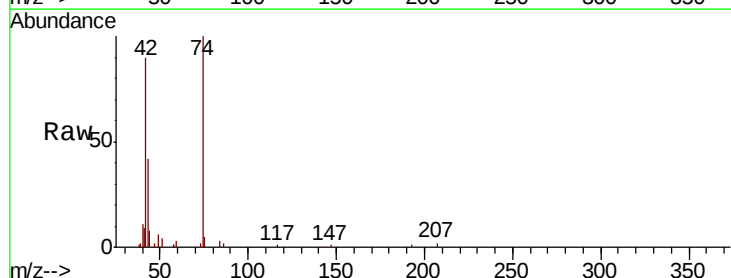
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



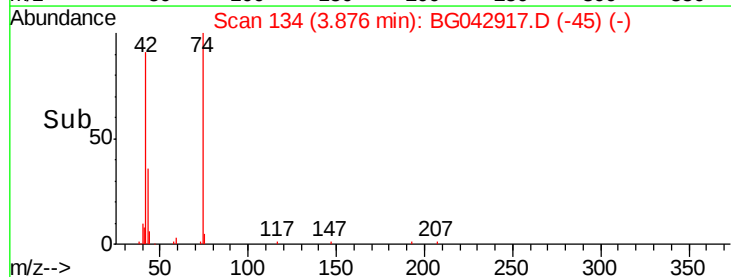
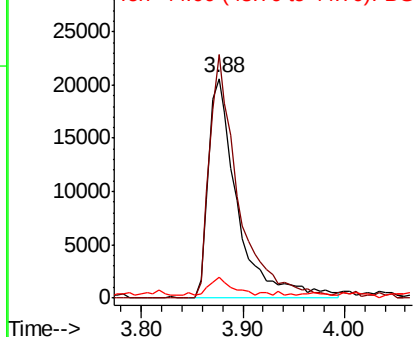
#4

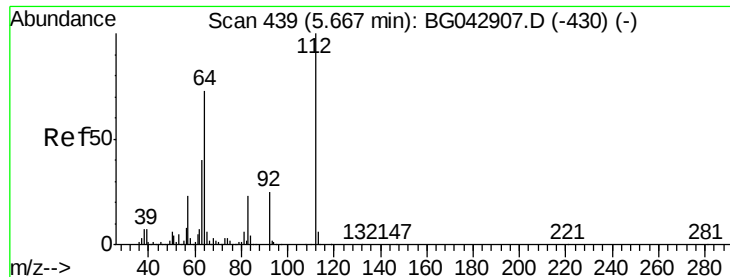
n-Nitrosodimethylamine
Concen: 24.053 ng
RT: 3.88 min Scan# 134
Delta R.T. -0.00 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

Tgt Ion: 42 Resp: 41441
Ion Ratio Lower Upper
42 100
74 111.0 90.5 135.7
44 9.3 5.8 8.8#



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





#5

2-Fluorophenol

Concen: 29.742 ng

RT: 5.66 min Scan# 438

Delta R.T. -0.00 min

Lab File: BG042917.D

Acq: 23 Sep 2019 17:25

Instrument :

BNA_G

ClientSampleId :

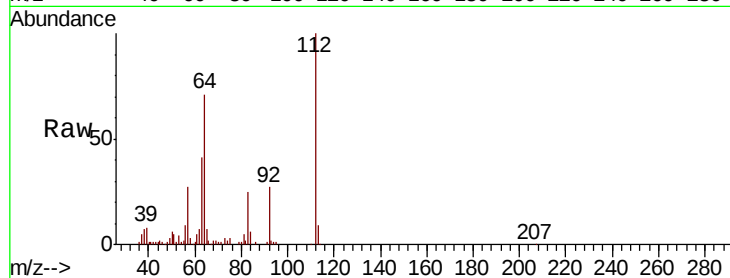
Tot Ion:112 Resp: 91390

Ion Ratio Lower Upper

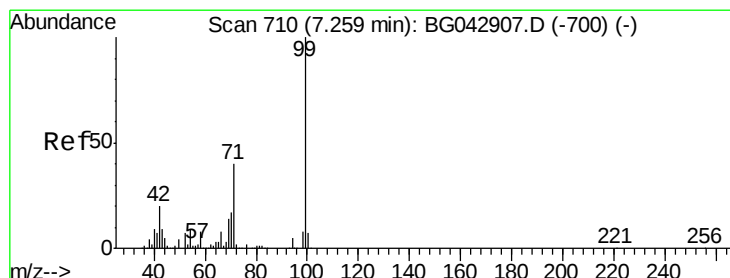
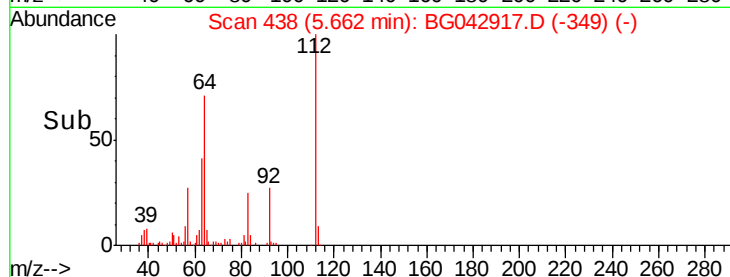
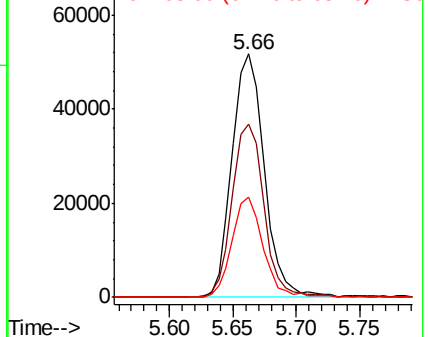
112 100

64 71.2 58.6 87.8

63 41.2 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: 30.471 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG042917.D

Acq: 23 Sep 2019 17:25

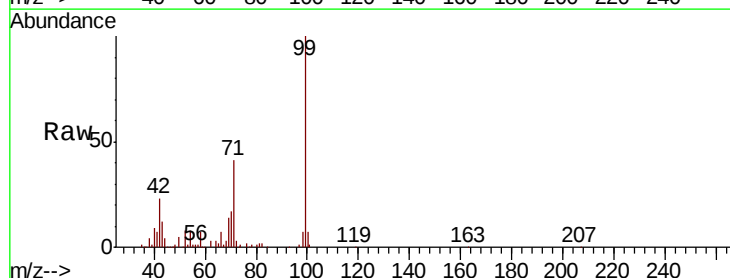
Tgt Ion: 99 Resp: 135165

Ion Ratio Lower Upper

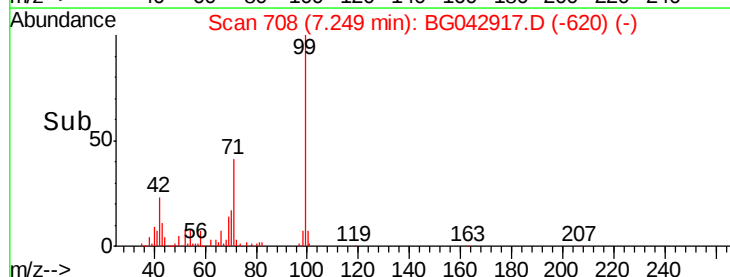
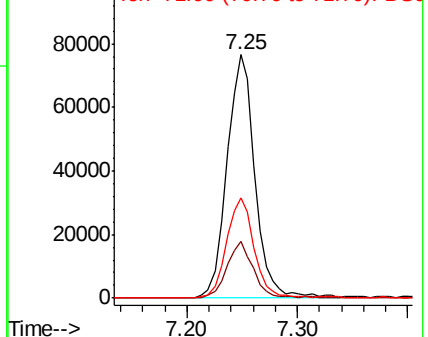
99 100

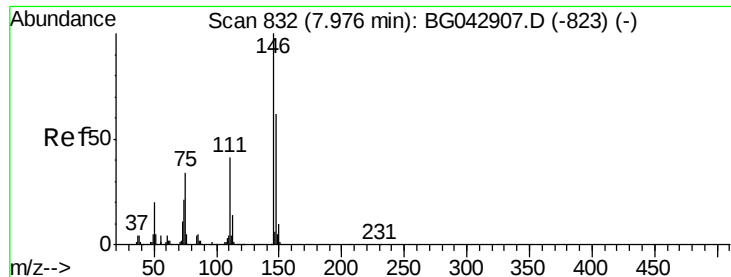
42 23.2 15.8 23.6

71 41.3 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: 20.164 ng

RT: 7.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BG042917.D

Acq: 23 Sep 2019 17:25

Instrument :

BNA_G

ClientSampleId :

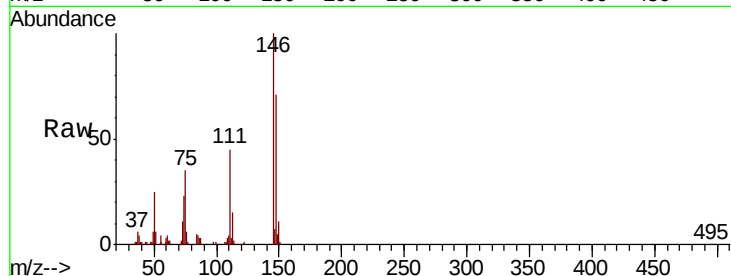
Tot Ion:146 Resp: 80079

Ion Ratio Lower Upper

146 100

148 71.2 49.4 74.0

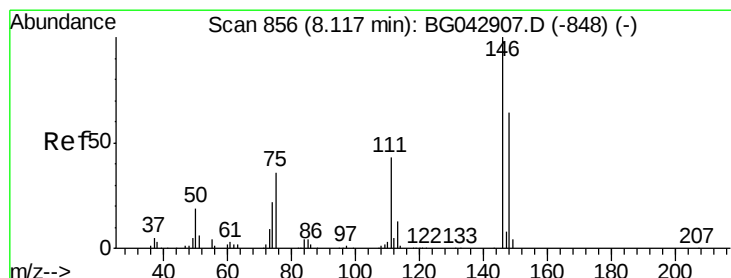
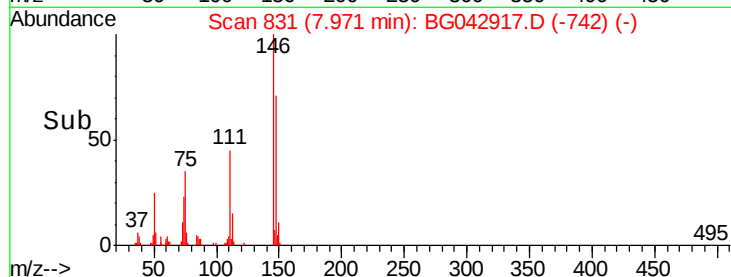
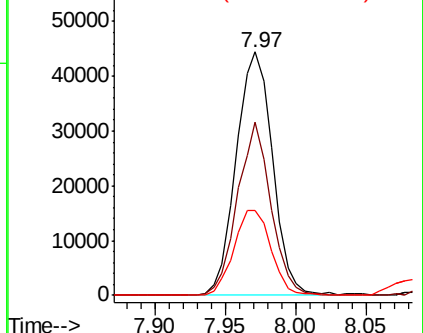
75 34.7 27.0 40.6



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: 24.054 ng

RT: 8.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG042917.D

Acq: 23 Sep 2019 17:25

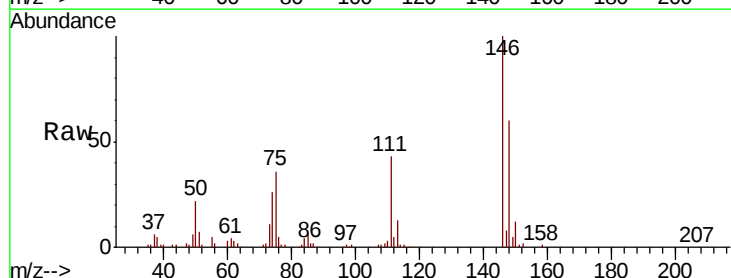
Tgt Ion:146 Resp: 96044

Ion Ratio Lower Upper

146 100

148 60.4 51.4 77.2

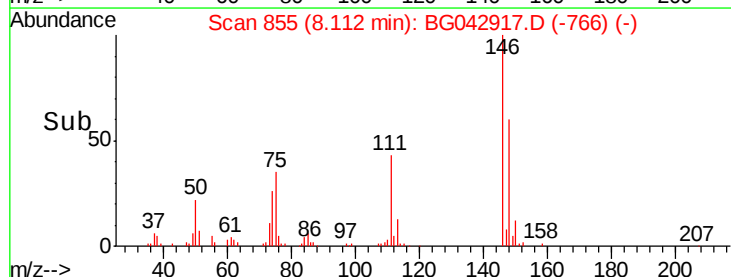
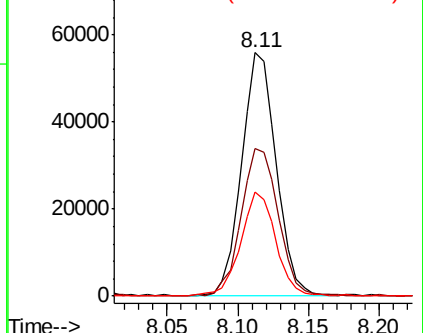
111 42.7 34.7 52.1

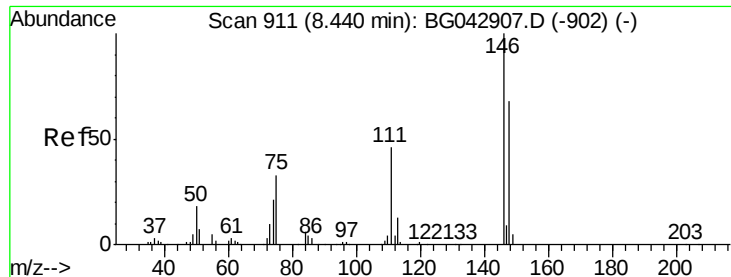


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 13.822 ng

RT: 8.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BG042917.D

Acq: 23 Sep 2019 17:25

Instrument :

BNA_G

ClientSampleId :

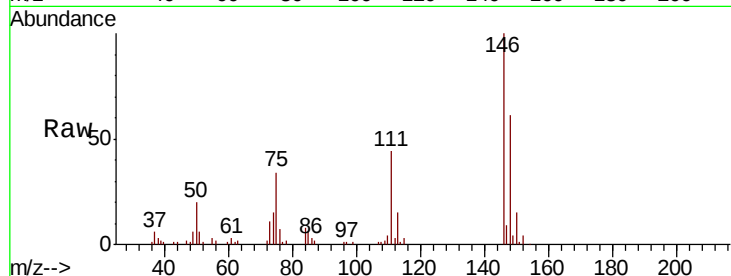
Tot Ion:146 Resp: 52384

Ion Ratio Lower Upper

146 100

148 61.1 54.7 82.1

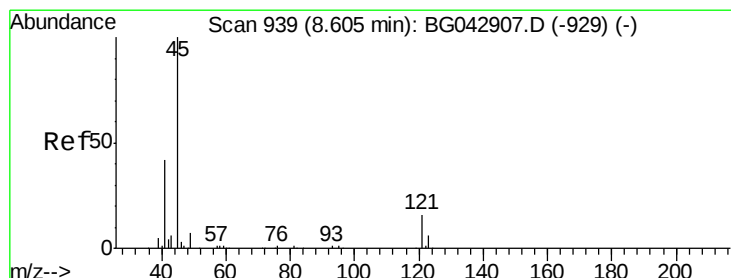
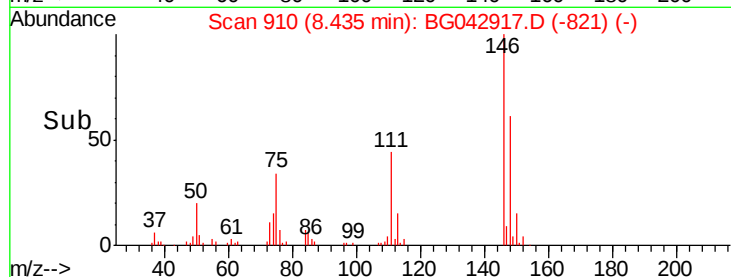
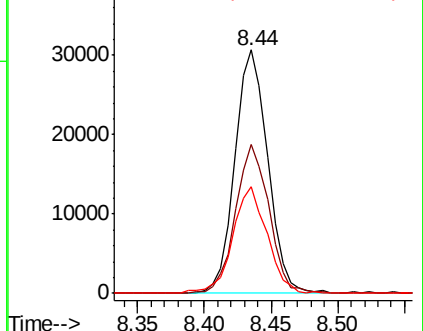
111 43.6 37.4 56.2



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: 10.495 ng

RT: 8.61 min Scan# 940

Delta R.T. 0.01 min

Lab File: BG042917.D

Acq: 23 Sep 2019 17:25

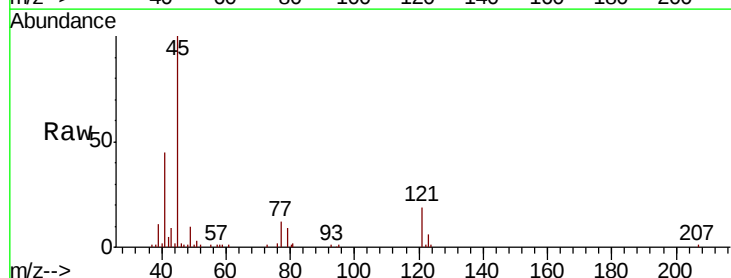
Tgt Ion: 45 Resp: 65732

Ion Ratio Lower Upper

45 100

77 11.8 0.0 32.6

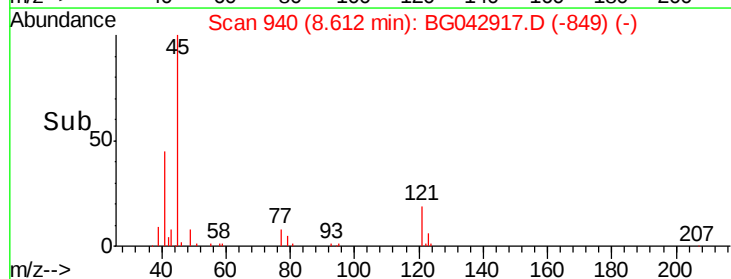
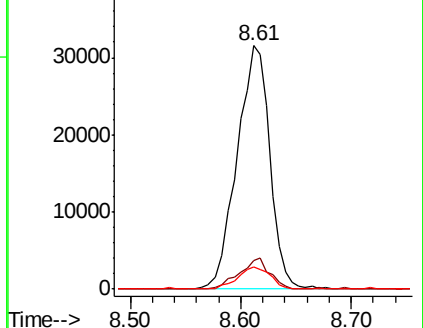
79 9.0 0.0 29.0

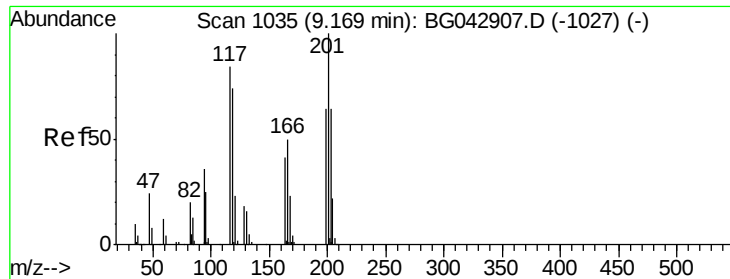


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

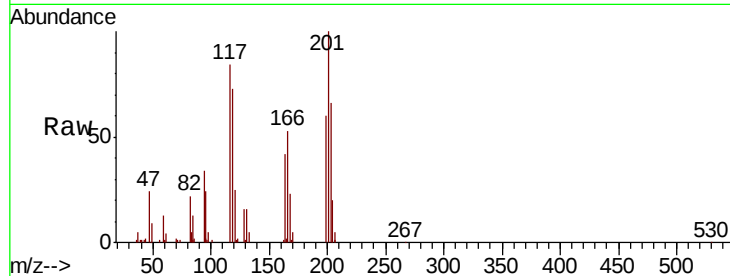




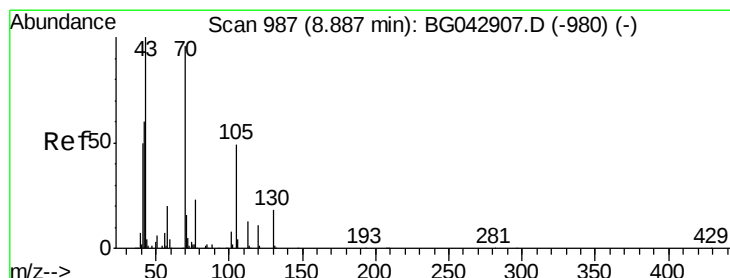
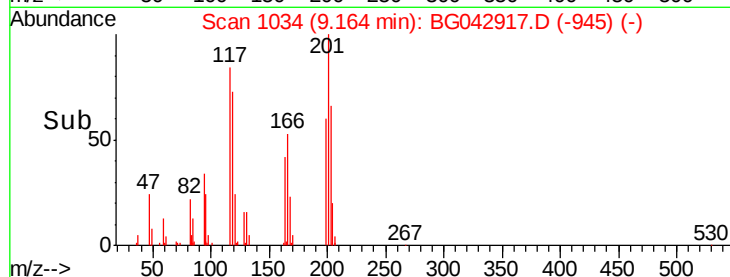
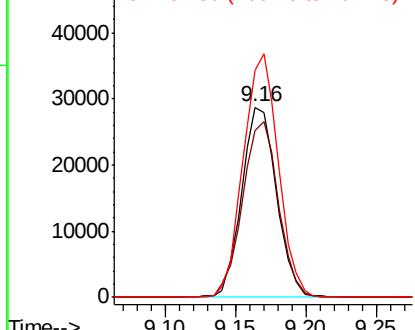
#18
Hexachloroethane
Concen: 34.160 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BG042917.D
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Instrument :
BNA_G
ClientSampleId :

Tot Ion:117 Resp: 49977
Ion Ratio Lower Upper
117 100
119 87.4 70.9 106.3
201 119.5 95.2 142.8

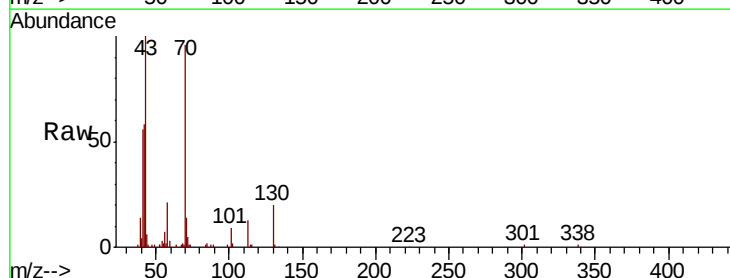


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

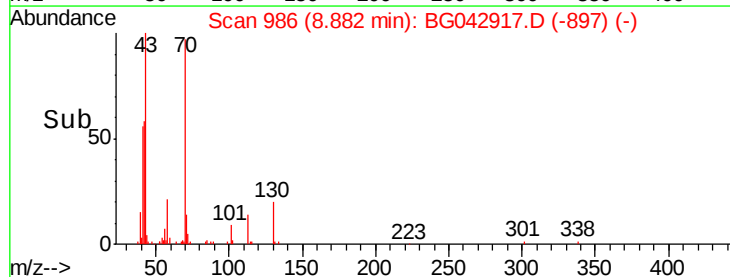
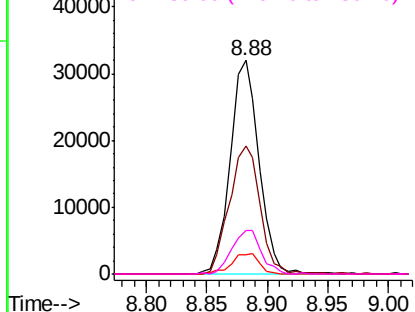


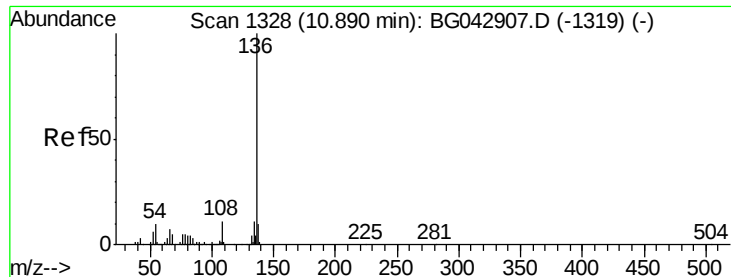
#19
n-Nitroso-di-n-propylamine
Concen: 17.976 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.00 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

Tgt Ion: 70 Resp: 53184
Ion Ratio Lower Upper
70 100
42 60.1 50.5 75.7
101 9.0 7.0 10.4
130 20.6 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

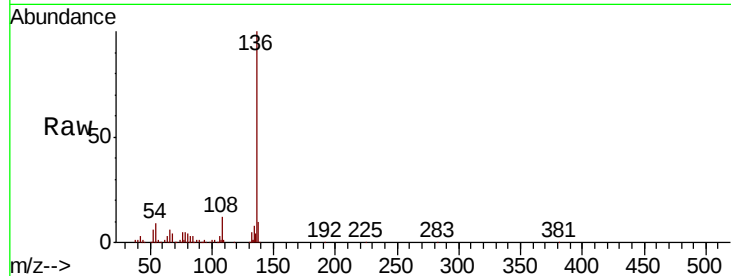




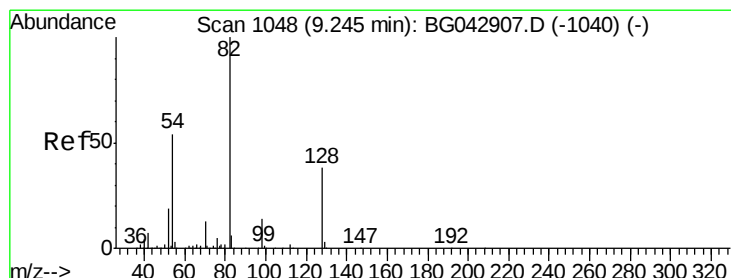
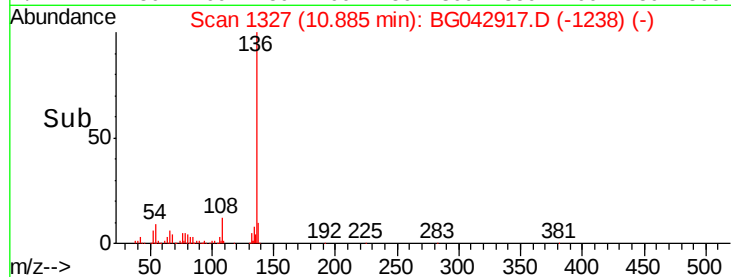
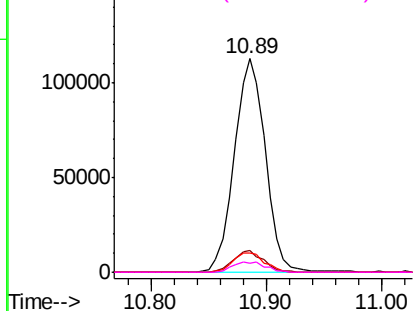
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG042917.D
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Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	208964
Ion Ratio	Lower	Upper
136	100	
137	10.2	8.2 12.2
54	9.1	8.2 12.2
68	4.4	4.3 6.5

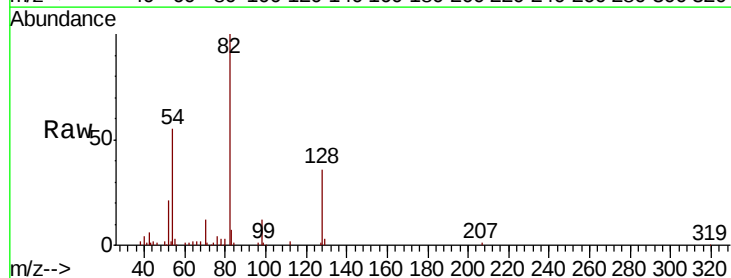


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

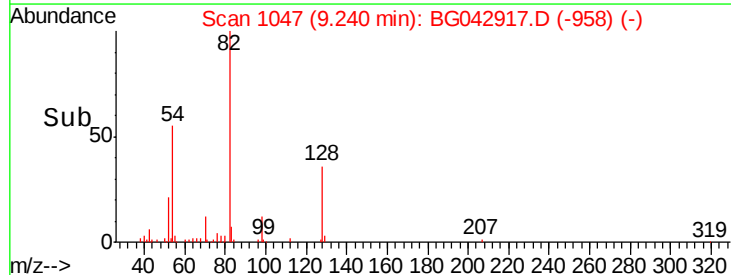
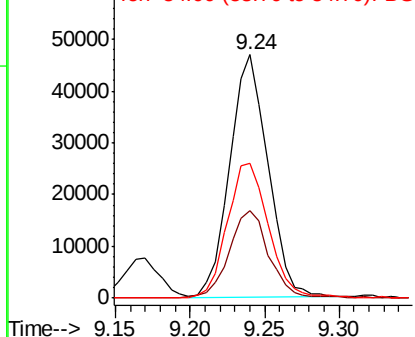


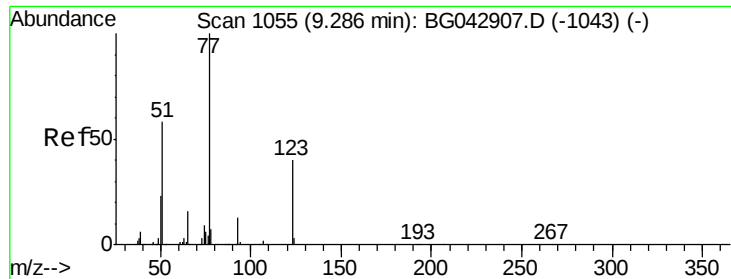
#23
Nitrobenzene-d5
Concen: 19.497 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

Tgt Ion: 82	Resp:	83517
Ion Ratio	Lower	Upper
82	100	
128	35.9	30.4 45.6
54	55.2	43.4 65.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

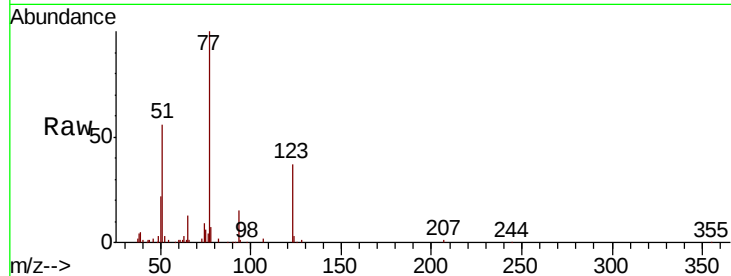




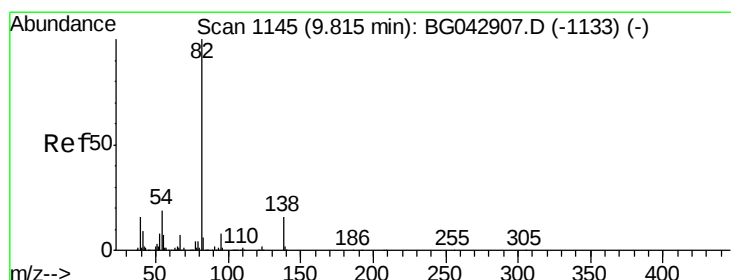
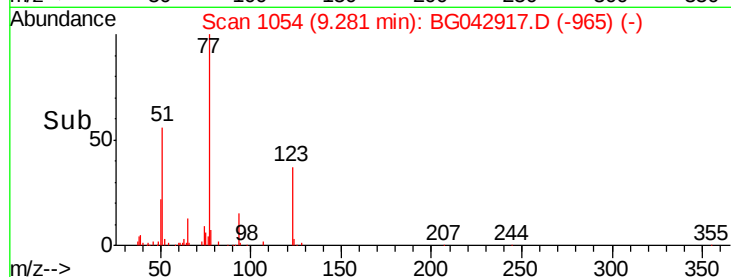
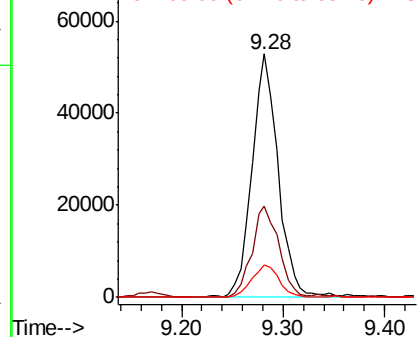
#24
 Nitrobenzene
 Concen: 22.836 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG042917.D
 Acq: 23 Sep 2019 17:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
123	37.4	32.3	48.5
65	13.1	12.6	19.0

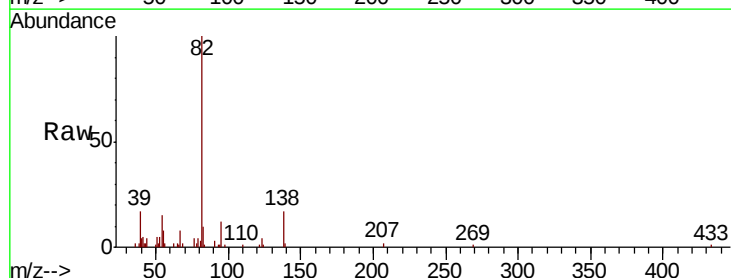


Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

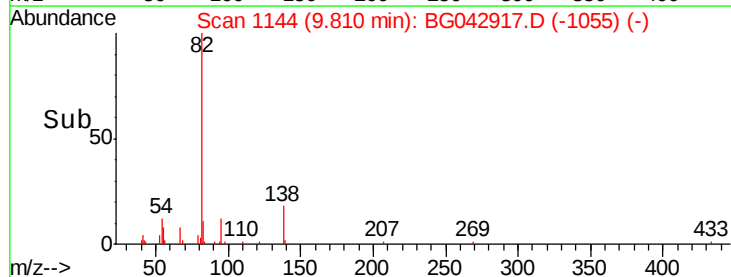
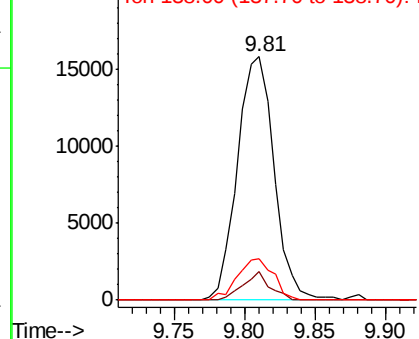


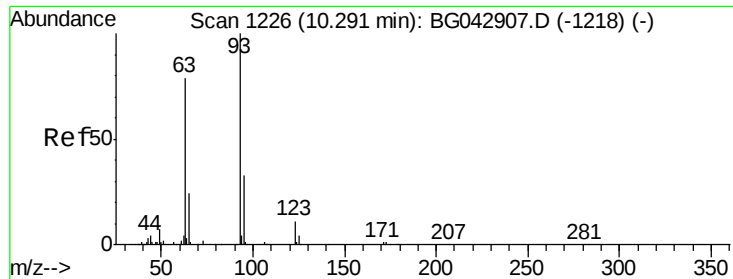
#25
 Isophorone
 Concen: 3.771 ng
 RT: 9.81 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: BG042917.D
 Acq: 23 Sep 2019 17:25

Tgt Ion	Ratio	Lower	Upper
82	100		
95	11.7	6.3	19.5#
138	16.9	12.9	19.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 138.00 (137.70 to 138.70): BGC

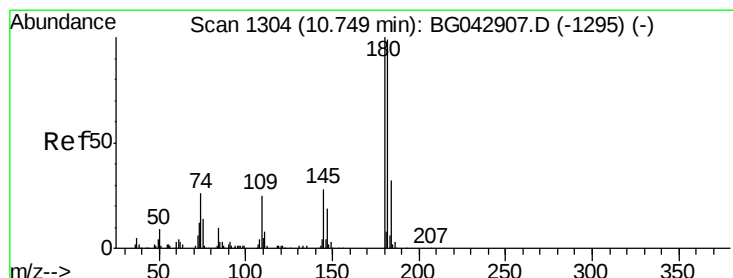
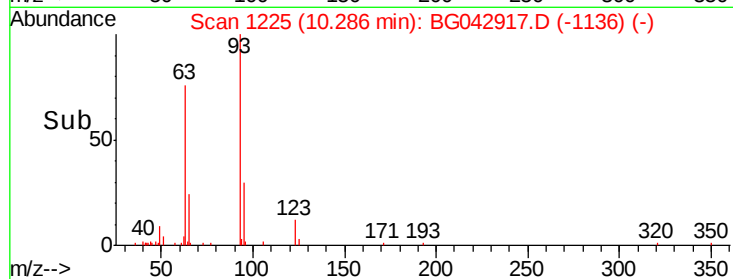
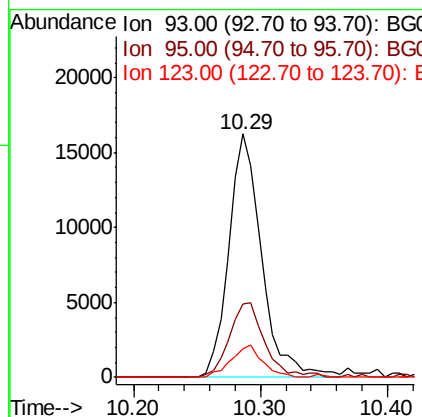
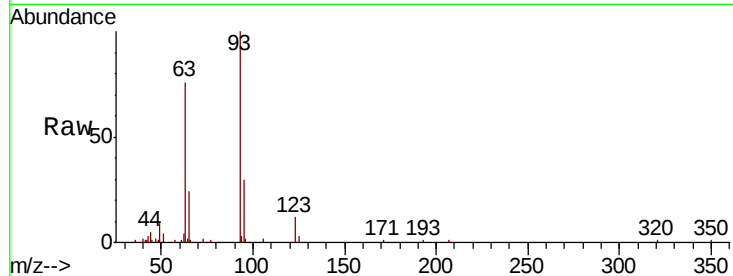




#28
bis(2-Chloroethoxy)methane
Concen: 6.577 ng
RT: 10.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

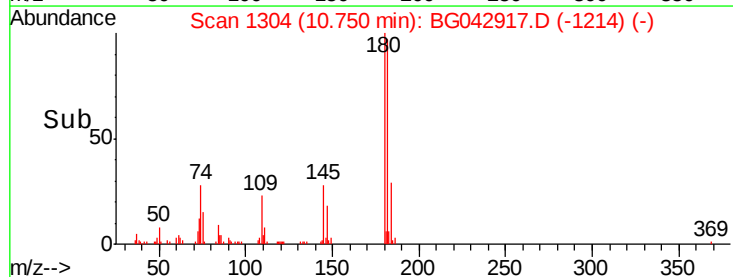
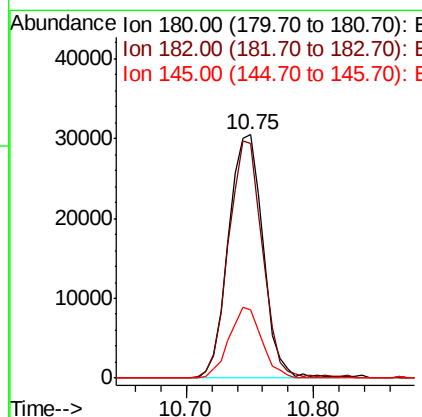
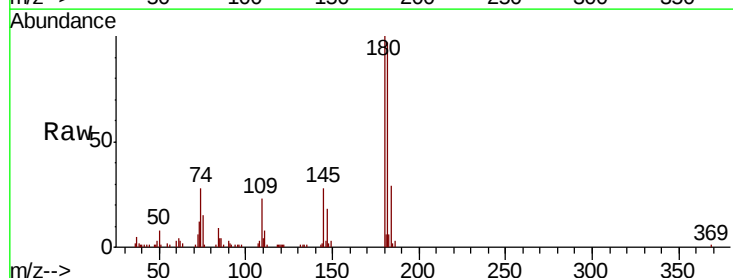
Instrument :
BNA_G
ClientSampleId :

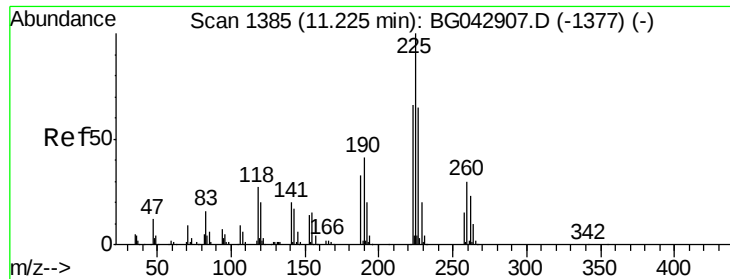
Tot Ion: 93 Resp: 29051
Ion Ratio Lower Upper
93 100
95 30.1 26.3 39.5
123 11.8 8.6 13.0



#30
1,2,4-Trichlorobenzene
Concen: 13.782 ng
RT: 10.75 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

Tgt Ion:180 Resp: 57362
Ion Ratio Lower Upper
180 100
182 96.6 78.9 118.3
145 28.2 22.4 33.6

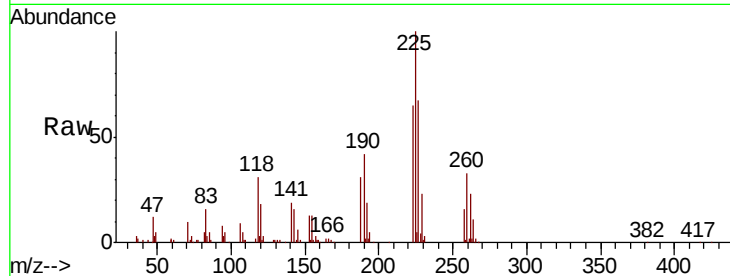




#34
Hexachlorobutadiene
Concen: 30.800 ng
RT: 11.23 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
225	100		
223	64.7	52.9	79.3
227	67.0	51.6	77.4

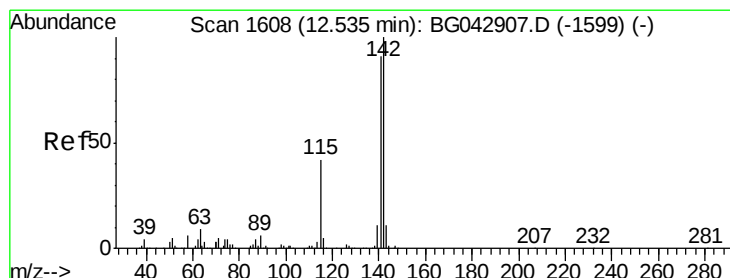
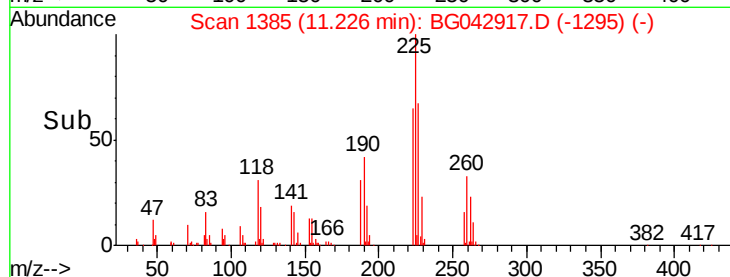
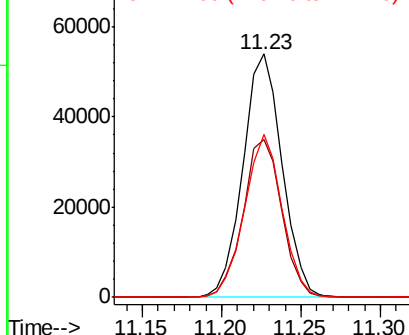


Abundance

Ion 225.00 (224.70 to 225.70): E

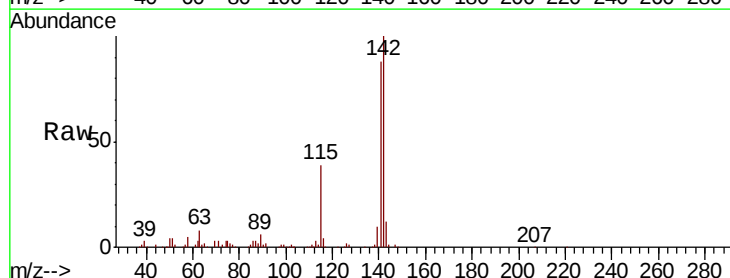
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#37
2-Methylnaphthalene
Concen: 19.379 ng
RT: 12.54 min Scan# 1608
Delta R.T. 0.00 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.9	73.1	109.7
115	39.1	33.8	50.6

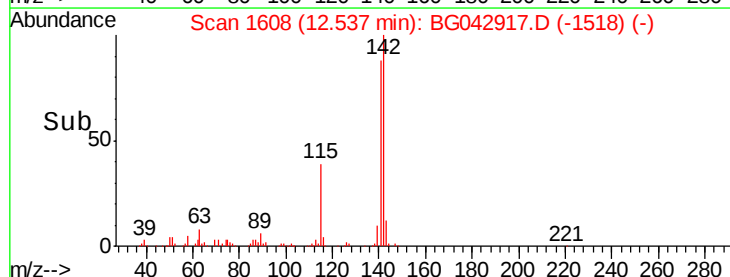
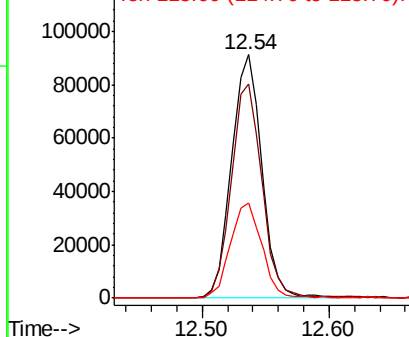


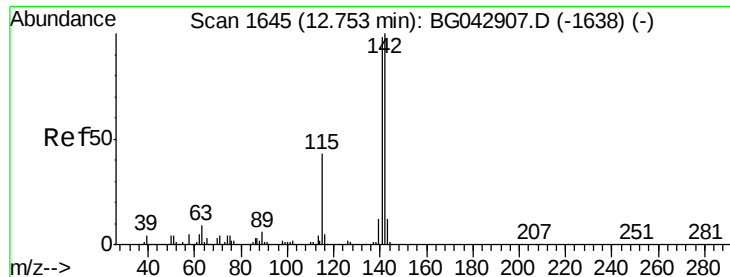
Abundance

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

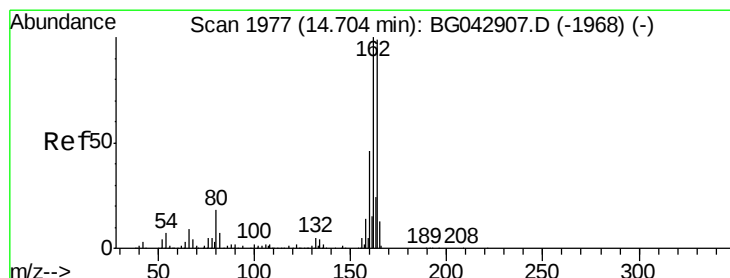
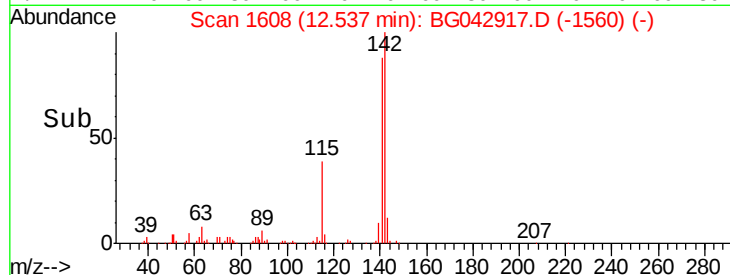
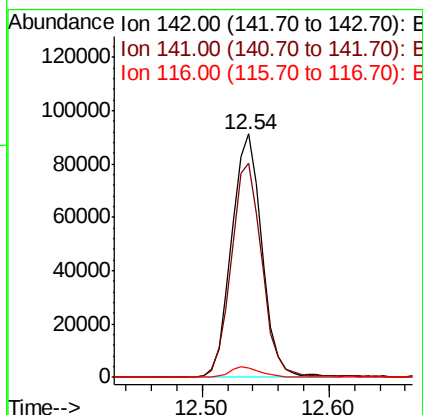
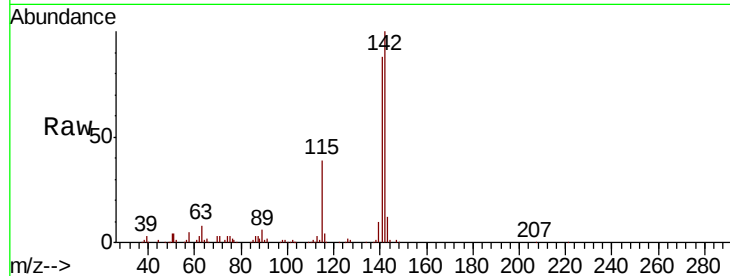




#38
1-Methylnaphthalene
Concen: 20.512 ng
RT: 12.54 min Scan# 1608
Delta R.T. -0.22 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

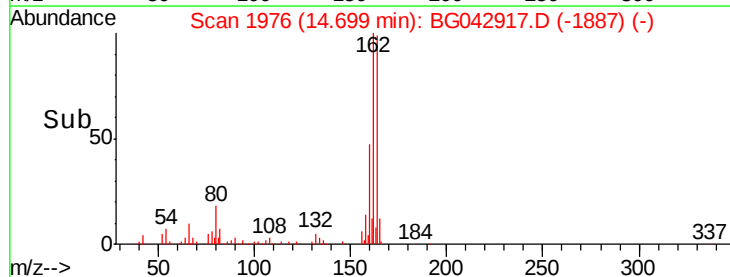
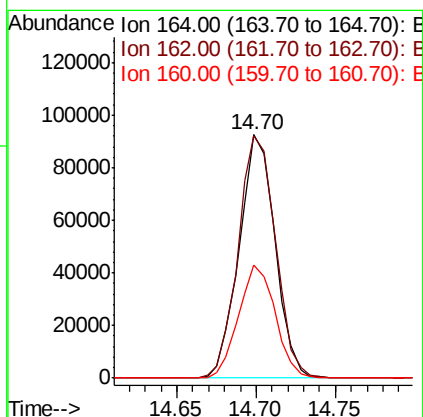
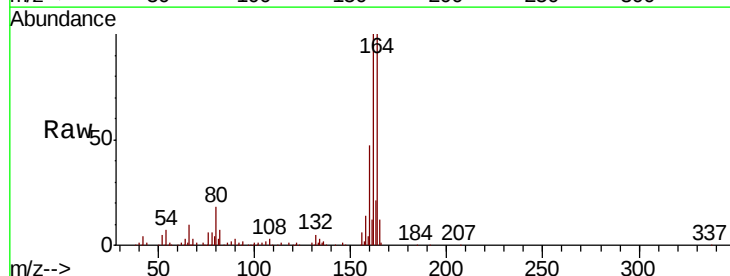
Instrument :
BNA_G
ClientSampleId :

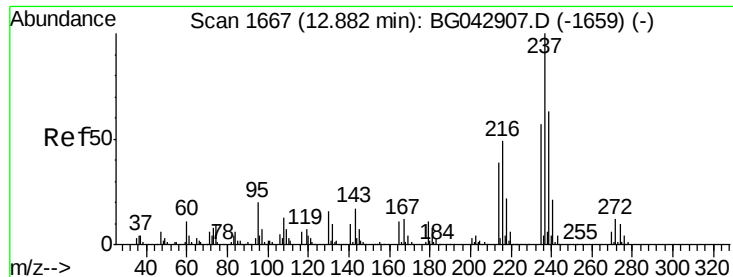
Tot Ion:142 Resp: 150541
Ion Ratio Lower Upper
142 100
141 87.9 78.0 117.0
116 4.1 4.2 6.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

Tgt Ion:164 Resp: 145944
Ion Ratio Lower Upper
164 100
162 99.6 81.2 121.8
160 46.6 37.0 55.6





#41

Hexachlorocyclopentadiene

Concen: 23.929 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG042917.D

Acq: 23 Sep 2019 17:25

Instrument :

BNA_G

ClientSampleId :

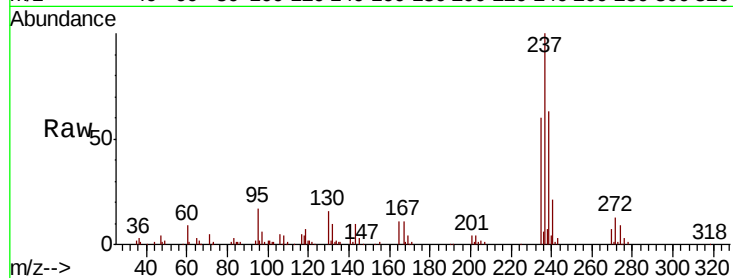
Tot Ion:237 Resp: 79244

Ion Ratio Lower Upper

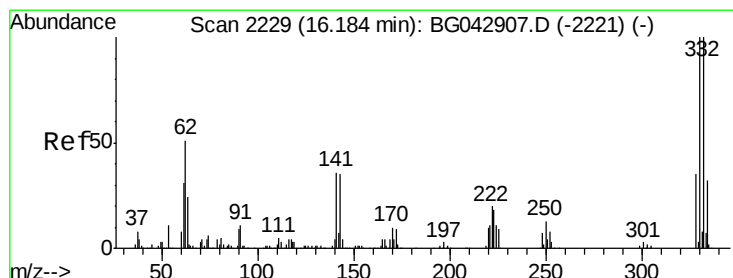
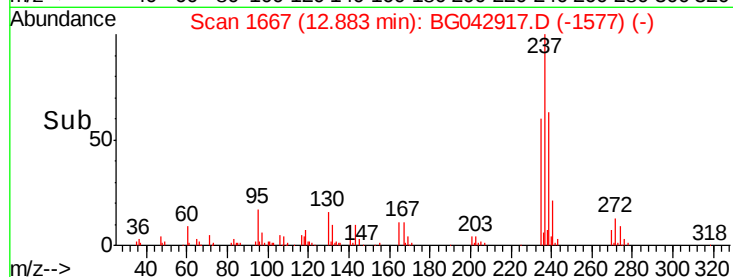
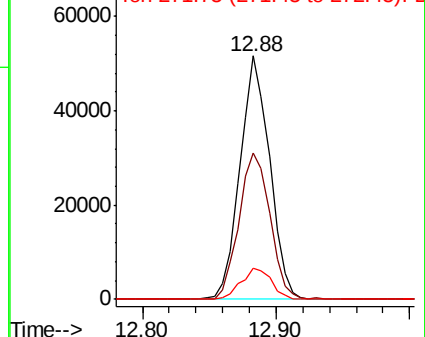
237 100

235 60.3 37.1 77.1

272 12.6 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: 29.013 ng

RT: 16.19 min Scan# 2229

Delta R.T. 0.00 min

Lab File: BG042917.D

Acq: 23 Sep 2019 17:25

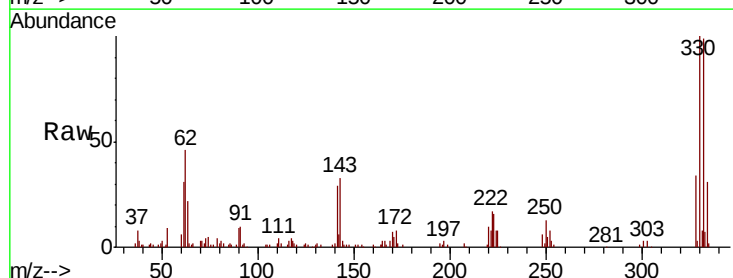
Tgt Ion:330 Resp: 66777

Ion Ratio Lower Upper

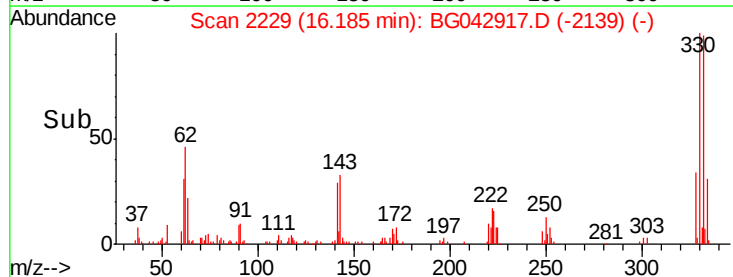
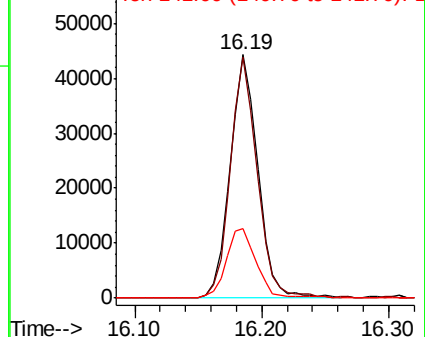
330 100

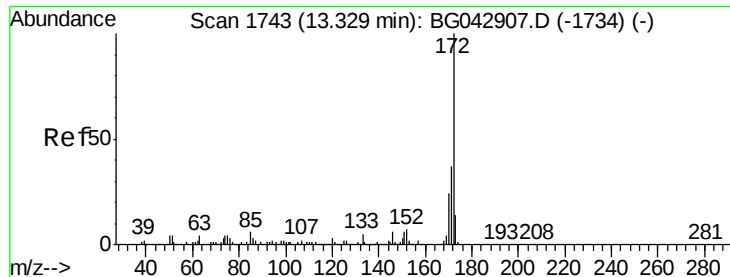
332 96.0 77.4 116.2

141 31.0 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

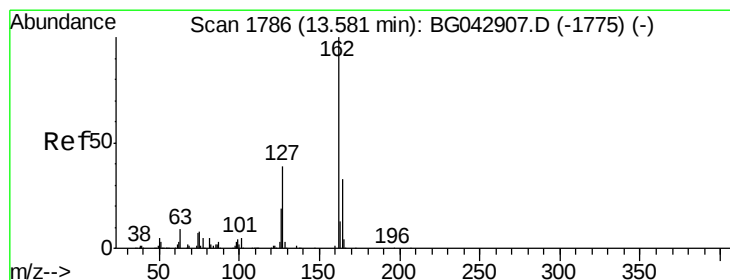
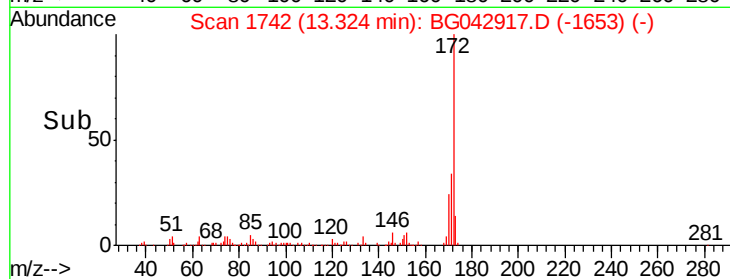
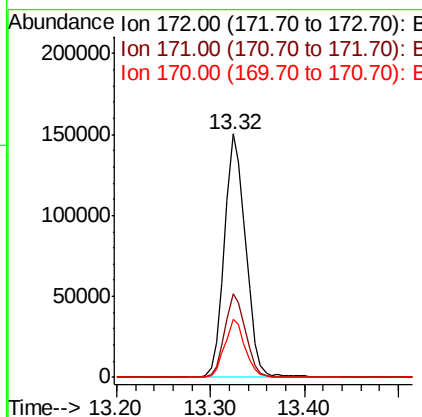
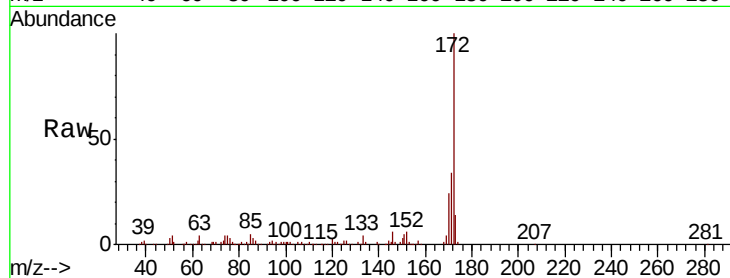




#45
 2-Fluorobiphenyl
 Concen: 23.845 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG042917.D
 Acq: 23 Sep 2019 17:25

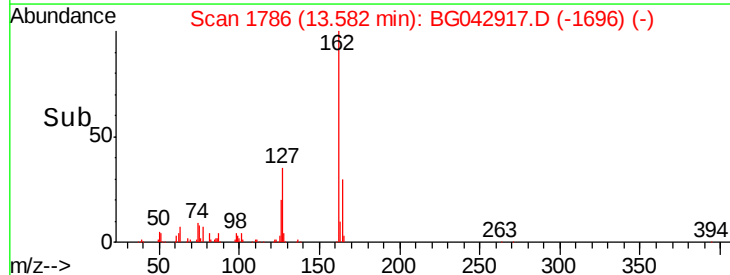
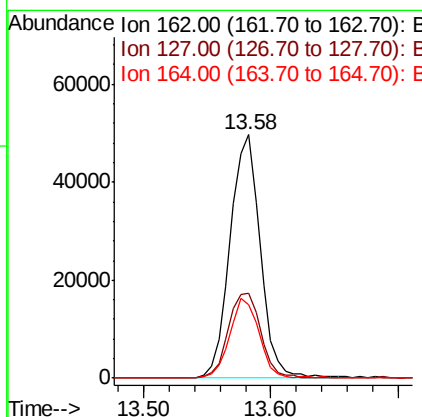
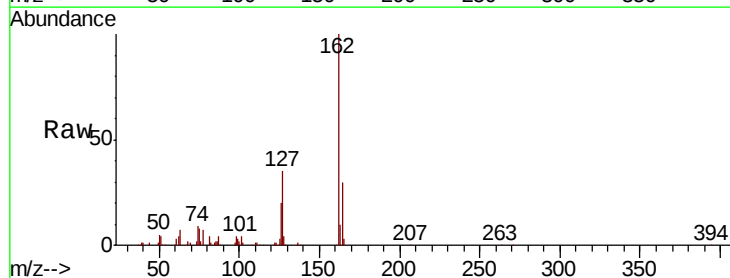
Instrument :
 BNA_G
 ClientSampleId :

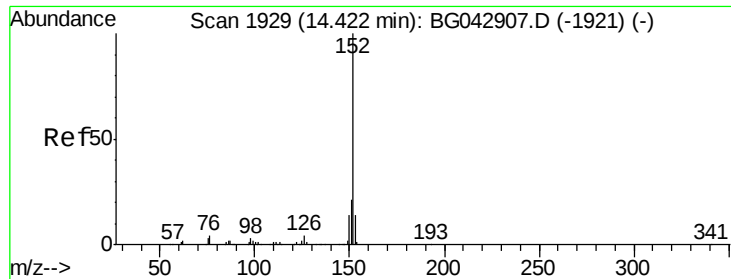
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	23.6	19.5	29.3



#47
 2-Chloronaphthalene
 Concen: 9.726 ng
 RT: 13.58 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BG042917.D
 Acq: 23 Sep 2019 17:25

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.6	32.1	48.1
164	30.0	26.6	39.8





#49

Acenaphthylene

Concen: 31.485 ng

RT: 14.42 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BG042917.D

Acq: 23 Sep 2019 17:25

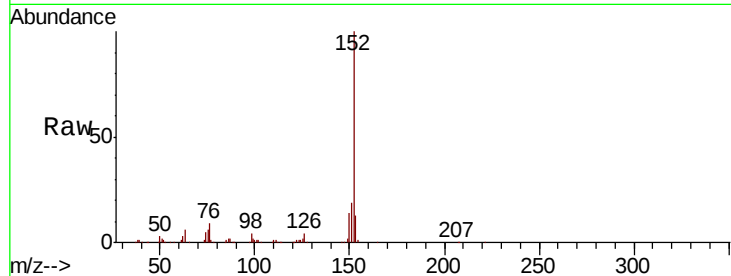
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 399542

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.9	25.3
153	12.9	10.9	16.3

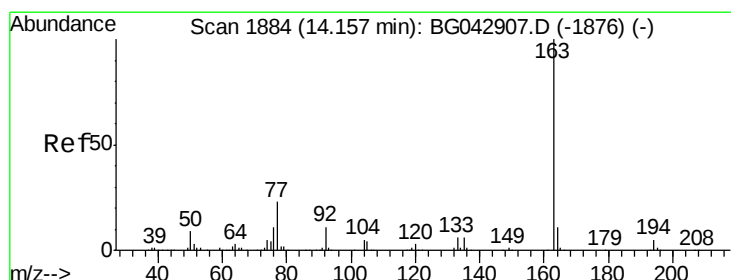
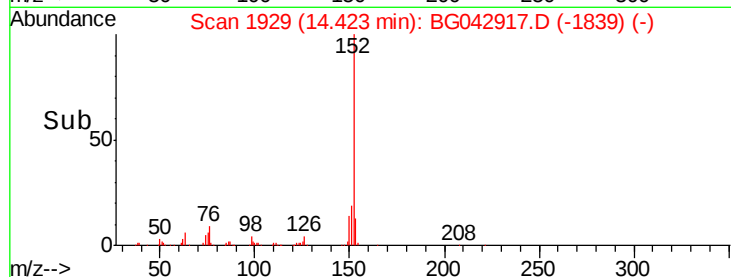
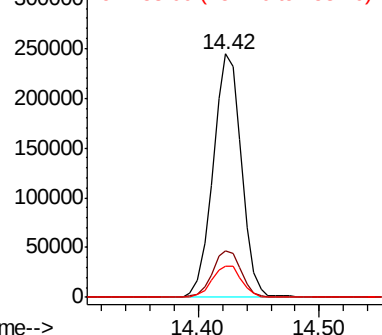


Abundance

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: 30.493 ng

RT: 14.15 min Scan# 1883

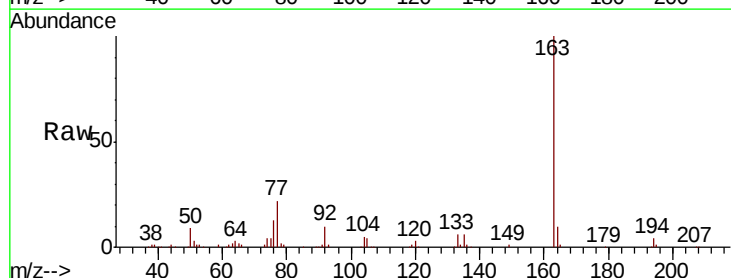
Delta R.T. -0.00 min

Lab File: BG042917.D

Acq: 23 Sep 2019 17:25

Tgt Ion:163 Resp: 325661

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.8	5.6
164	10.3	8.4	12.6

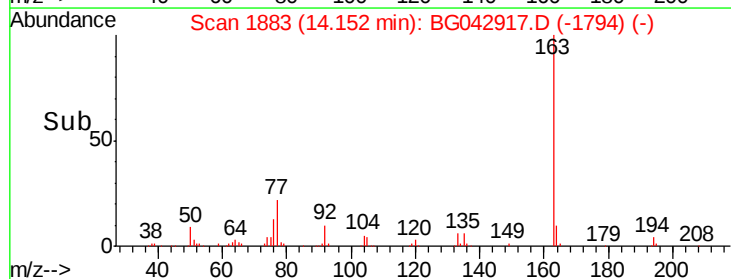
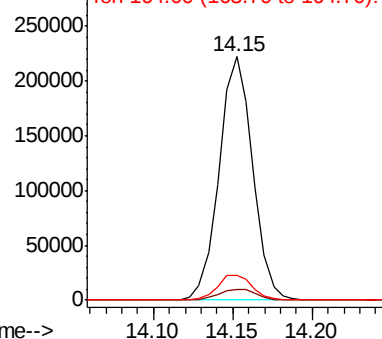


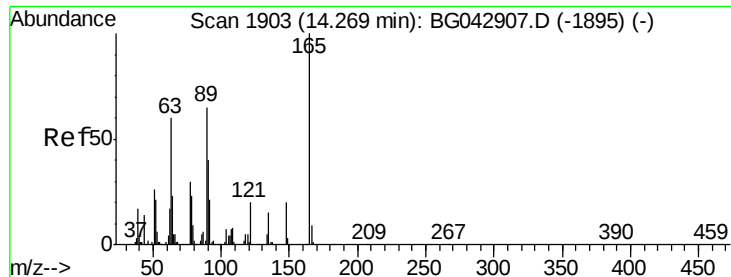
Abundance

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

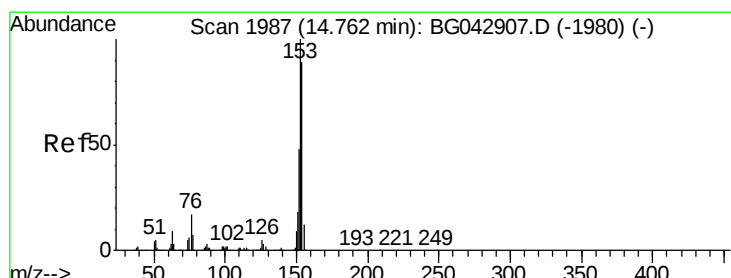
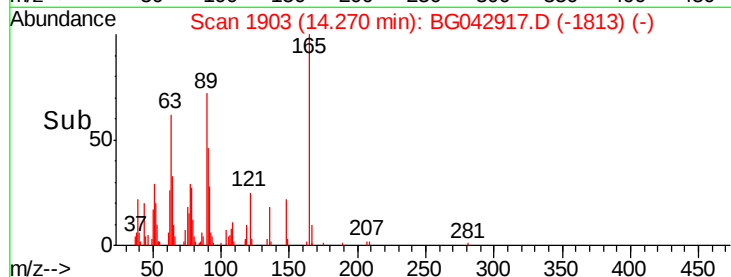
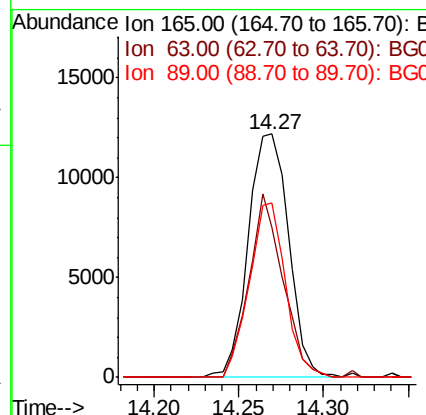
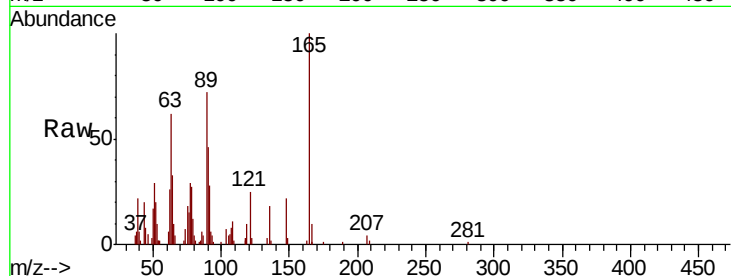




#51
 2,6-Dinitrotoluene
 Concen: 8.888 ng
 RT: 14.27 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: BG042917.D
 Acq: 23 Sep 2019 17:25

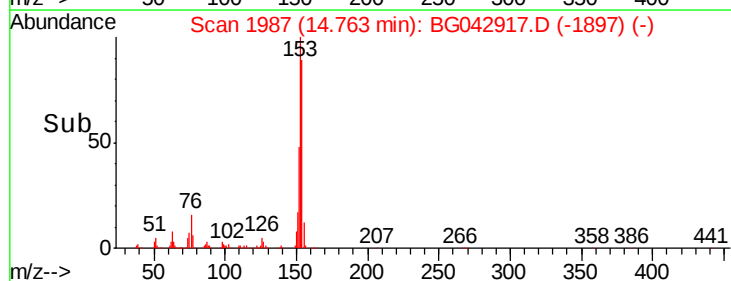
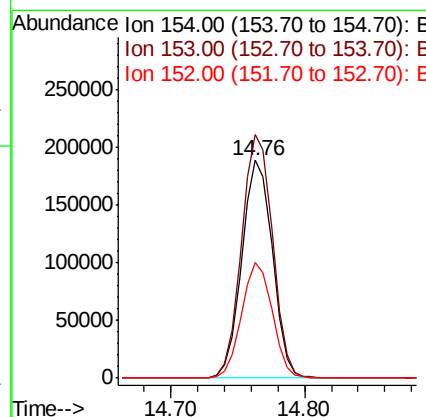
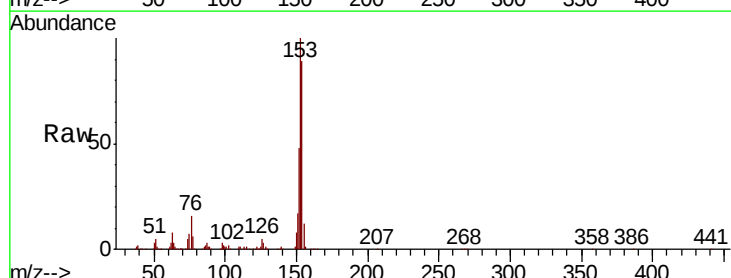
Instrument :
 BNA_G
 ClientSampleId :

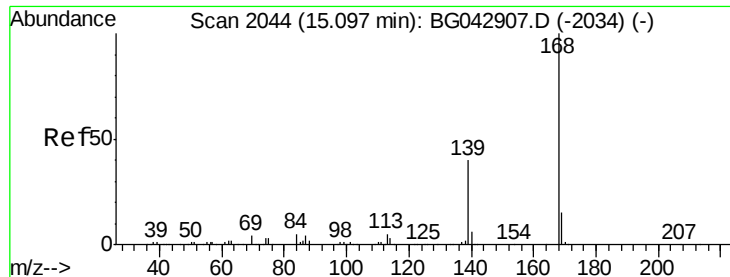
Tot Ion:165 Resp: 20218
 Ion Ratio Lower Upper
 165 100
 63 61.9 52.6 79.0
 89 71.5 52.2 78.4



#52
 Acenaphthene
 Concen: 35.594 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BG042917.D
 Acq: 23 Sep 2019 17:25

Tgt Ion:154 Resp: 298960
 Ion Ratio Lower Upper
 154 100
 153 111.9 89.9 134.9
 152 53.4 42.7 64.1

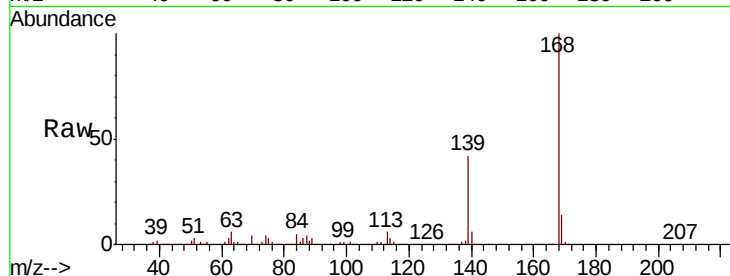




#55
Dibenzofuran
Concen: 23.004 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.0	32.4	48.6
169	13.8	11.6	17.4

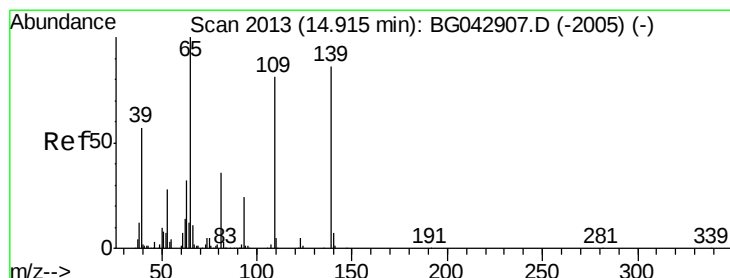
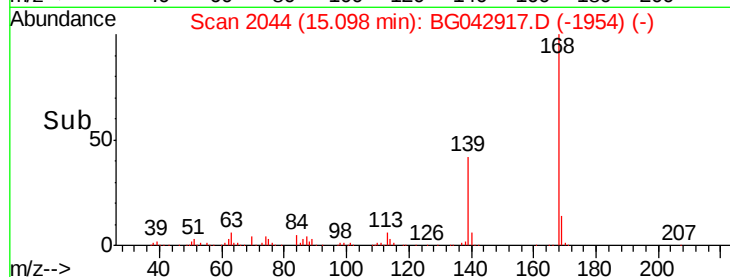
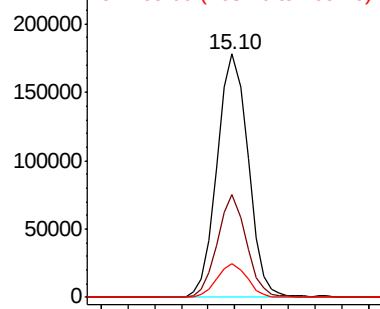


Abundance

Ion 168.00 (167.70 to 168.70): E

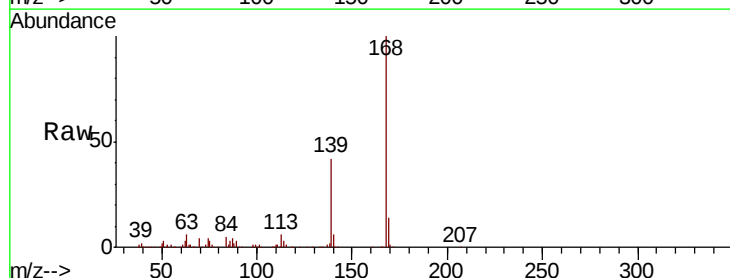
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 61.827 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.18 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.9	73.4	113.4#
65	2.0	96.0	136.0#

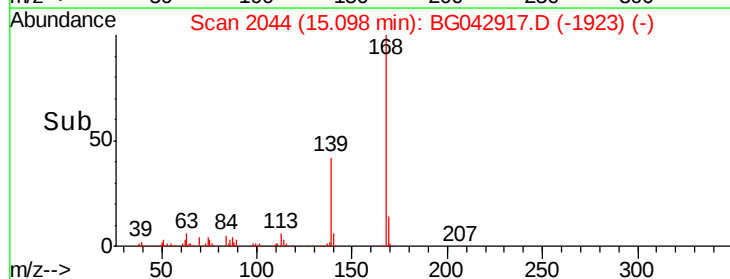
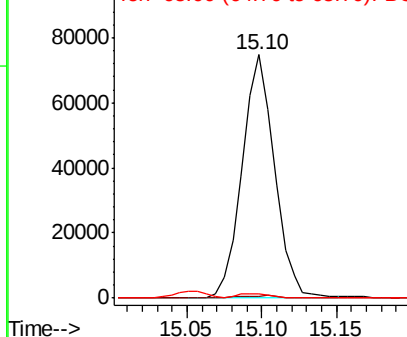


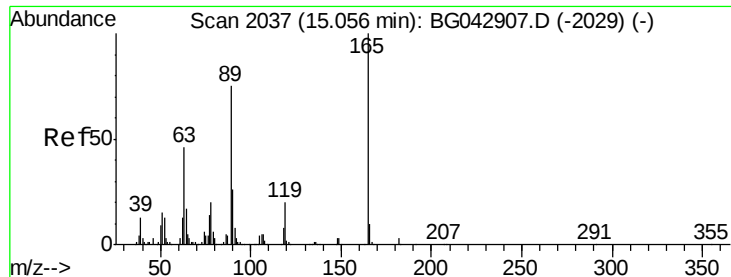
Abundance

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

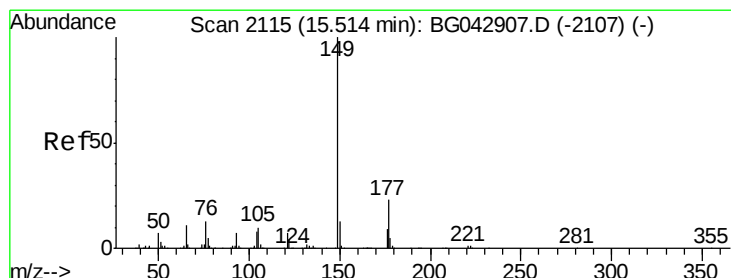
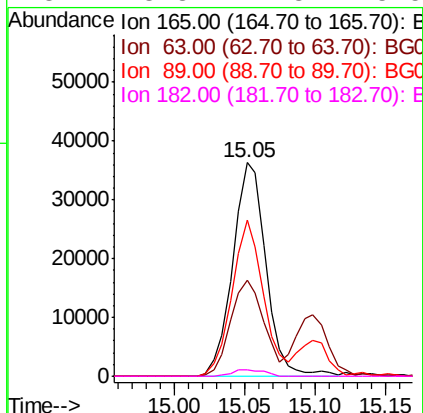
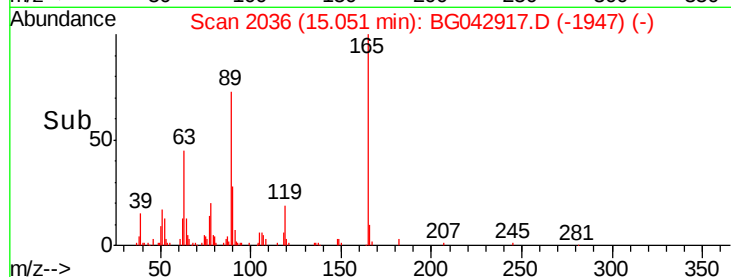
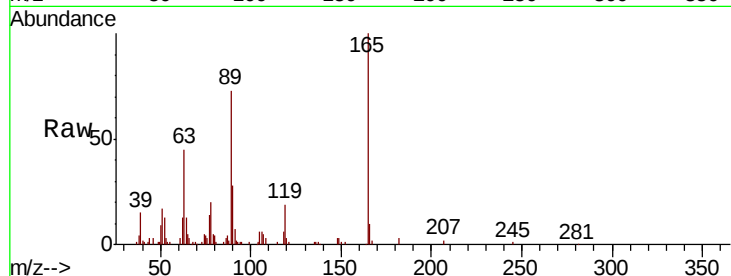




#57
2,4-Dinitrotoluene
Concen: 18.442 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

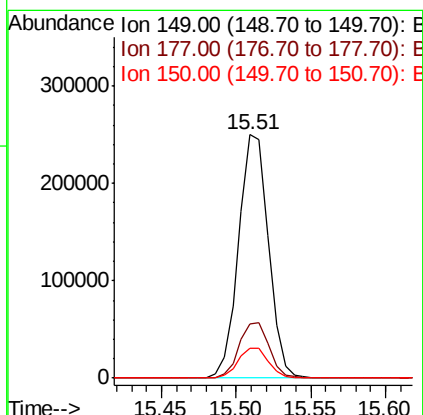
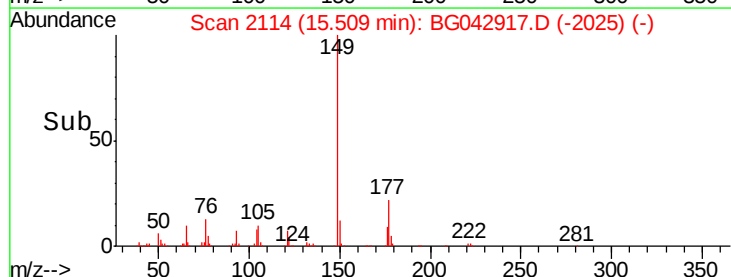
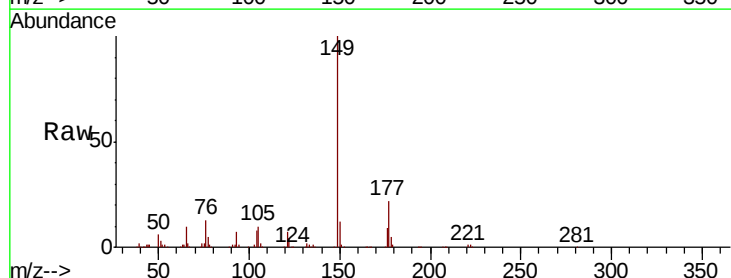
Instrument :
BNA_G
ClientSampleId :

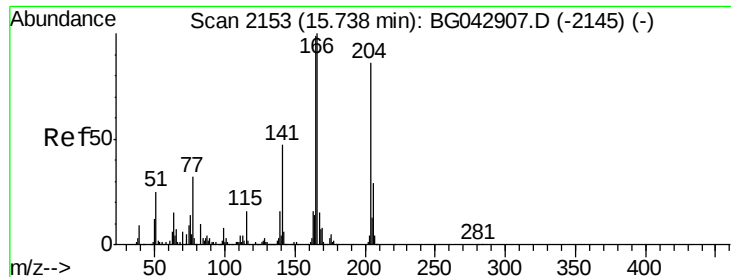
Tot Ion:165 Resp: 59539
Ion Ratio Lower Upper
165 100
63 44.8 37.4 56.0
89 73.1 59.8 89.8
182 3.3 2.3 3.5



#60
Diethylphthalate
Concen: 32.253 ng
RT: 15.51 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

Tgt Ion:149 Resp: 347552
Ion Ratio Lower Upper
149 100
177 22.5 18.4 27.6
150 12.3 10.2 15.2

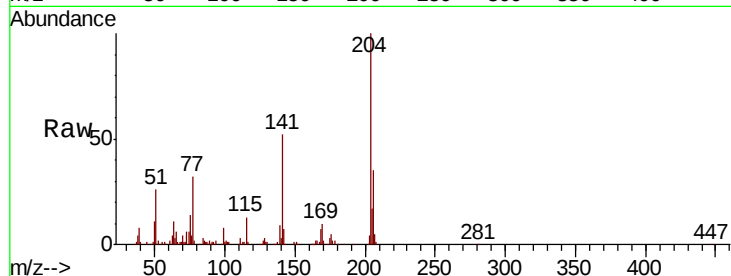




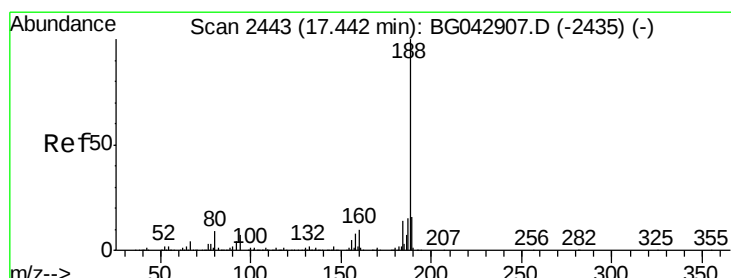
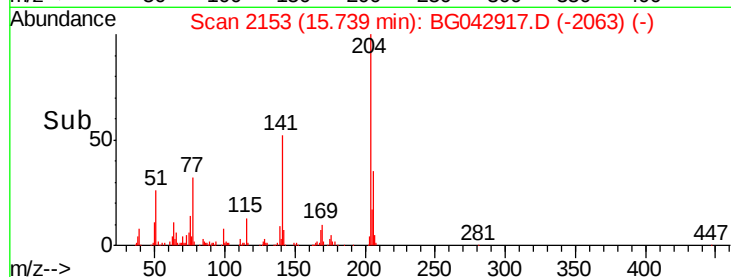
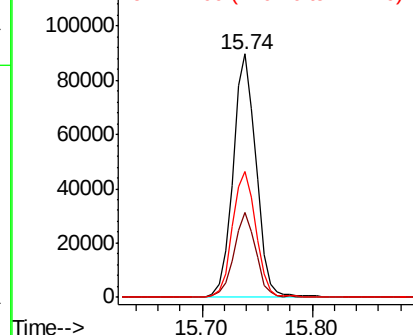
#61
4-Chlorophenyl-phenylether
Concen: 21.103 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 131622
Ion Ratio Lower Upper
204 100
206 34.8 27.4 41.0
141 51.8 43.7 65.5

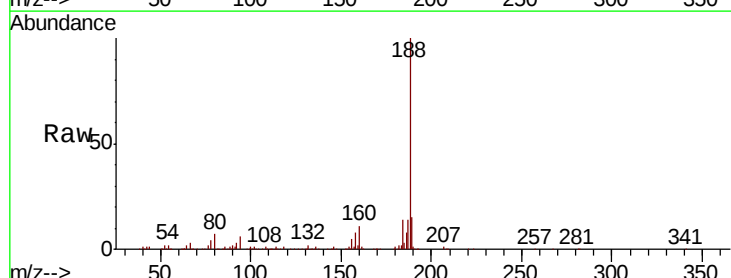


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

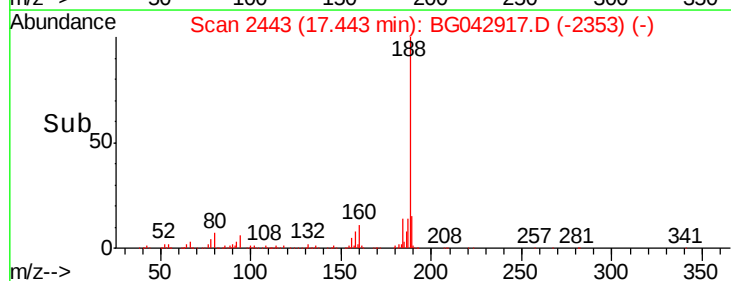
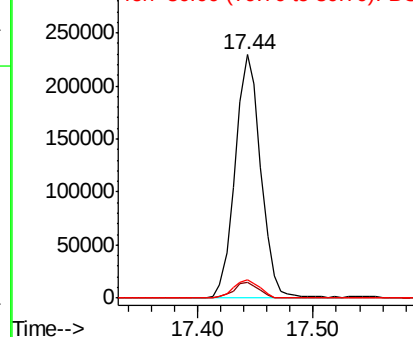


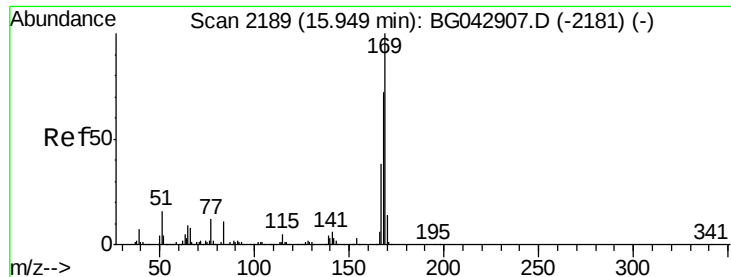
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

Tgt Ion:188 Resp: 353779
Ion Ratio Lower Upper
188 100
94 6.3 5.7 8.5
80 7.5 6.9 10.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

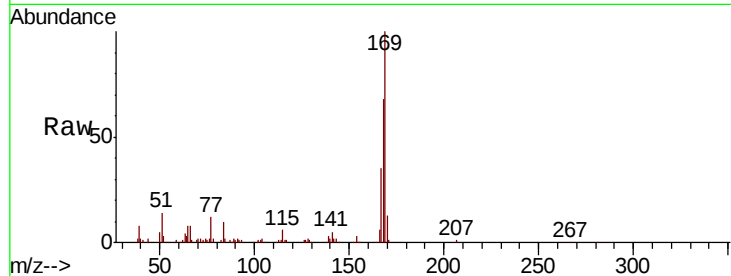




#66
n-Nitrosodiphenylamine
Concen: 8.995 ng
RT: 15.95 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	169	Resp	85538
Ion Ratio	Lower	Upper	
169	100		
168	67.6	57.4	86.2
167	34.8	30.3	45.5

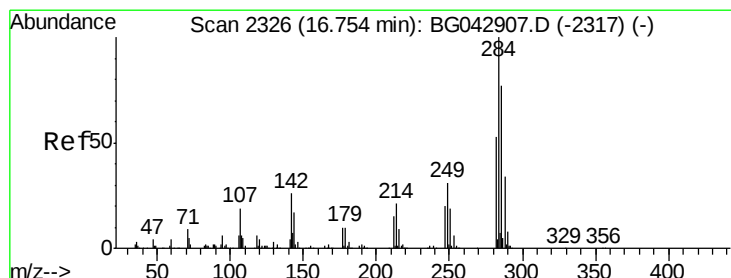
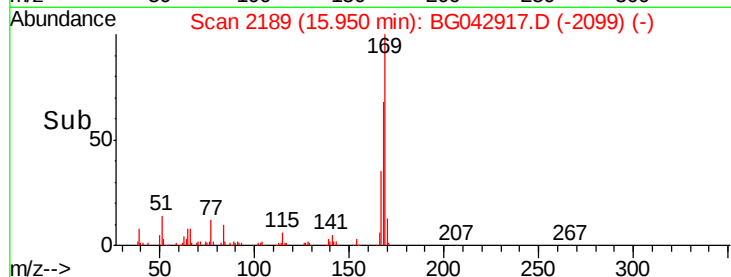
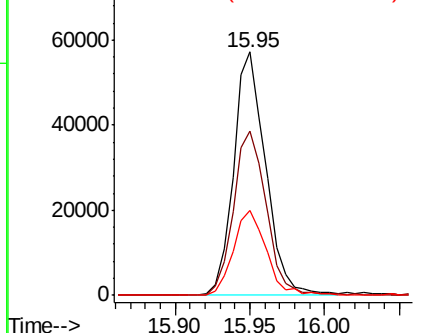


Abundance

Ion 169.00 (168.70 to 169.70): E

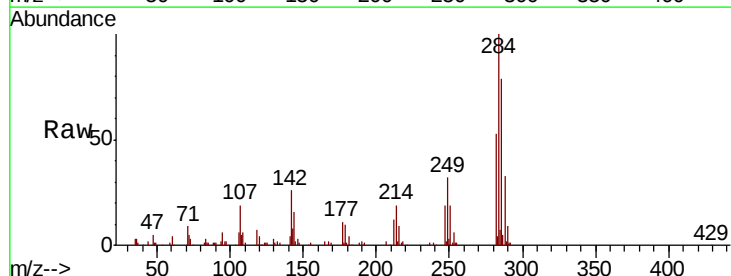
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#68
Hexachlorobenzene
Concen: 18.717 ng
RT: 16.75 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

Tgt Ion	284	Resp	89872
Ion Ratio	Lower	Upper	
284	100		
142	26.3	21.1	31.7
249	32.4	24.8	37.2

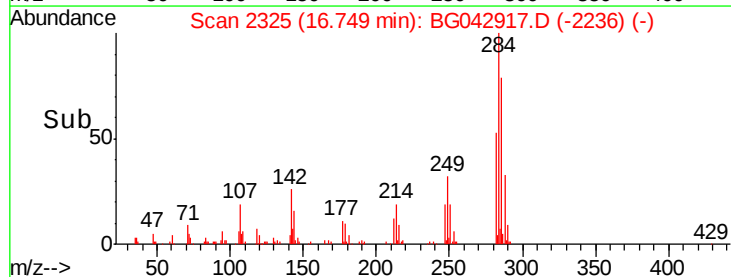
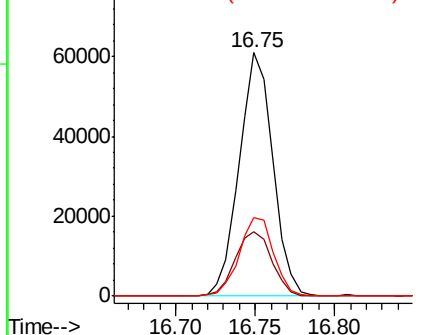


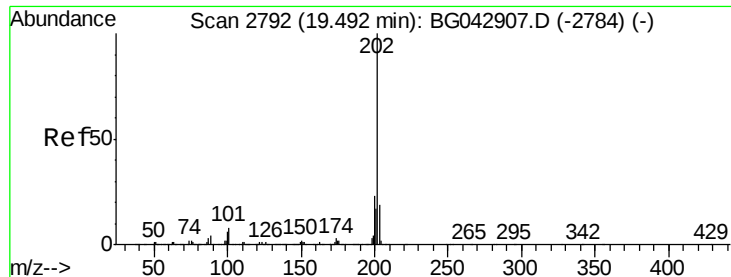
Abundance

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: 18.207 ng

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG042917.D

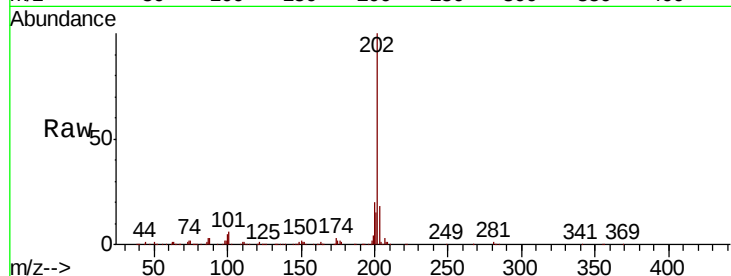
Acq: 23 Sep 2019 17:25

Instrument :

BNA_G

ClientSampleId :

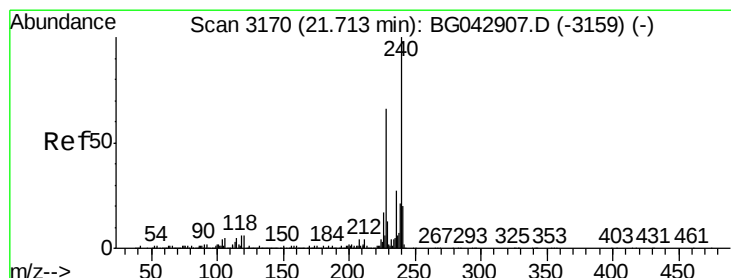
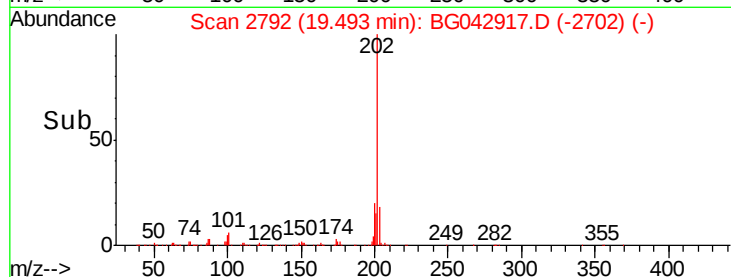
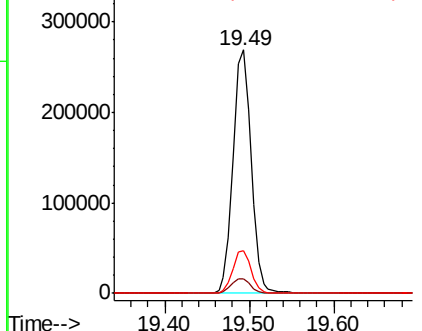
Tot Ion:	202	Resp:	396407
Ion Ratio	Lower	Upper	
202	100		
101	5.7	0.0	27.7
203	17.7	0.0	38.7



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

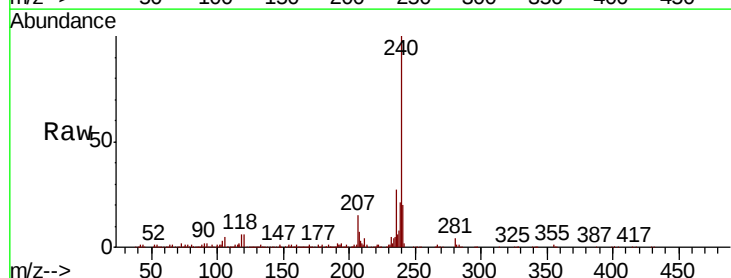
RT: 21.71 min Scan# 3170

Delta R.T. 0.00 min

Lab File: BG042917.D

Acq: 23 Sep 2019 17:25

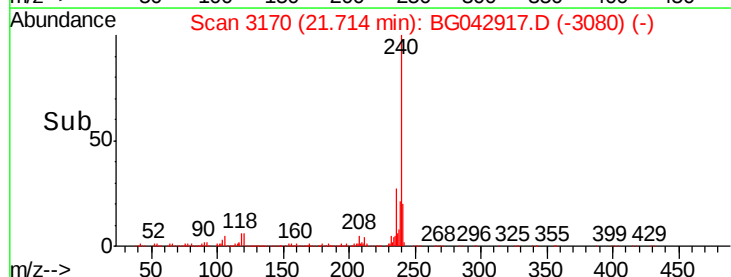
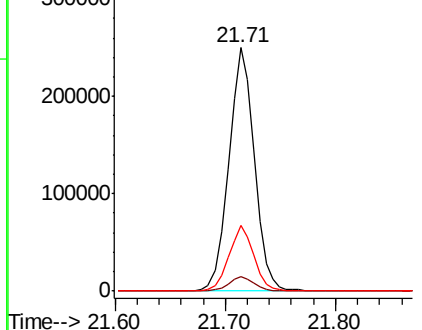
Tgt Ion:	240	Resp:	405909
Ion Ratio	Lower	Upper	
240	100		
120	6.1	5.2	7.8
236	27.2	21.7	32.5

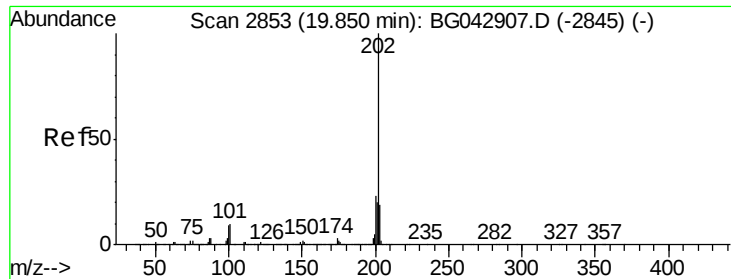


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 17.788 ng

RT: 19.85 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG042917.D

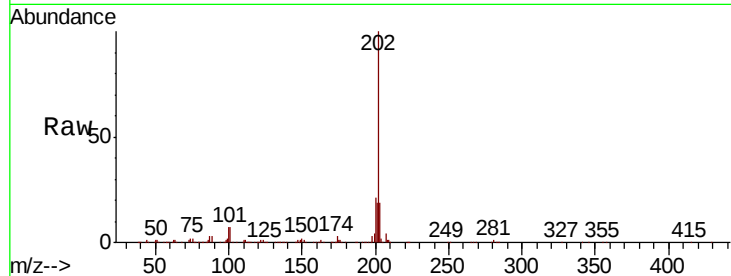
Acq: 23 Sep 2019 17:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	430612
Ion	Ratio	Lower	Upper
202	100		
200	21.2	18.5	27.7
203	18.6	15.4	23.2

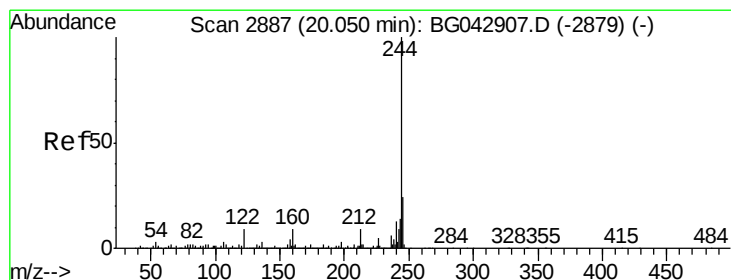
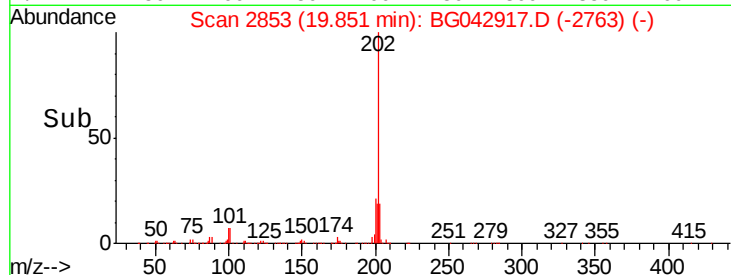
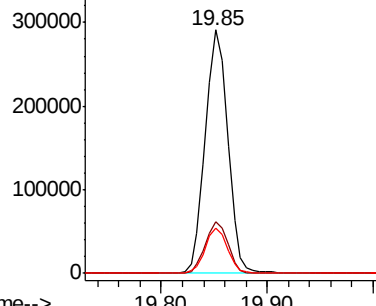


Abundance

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: 26.223 ng

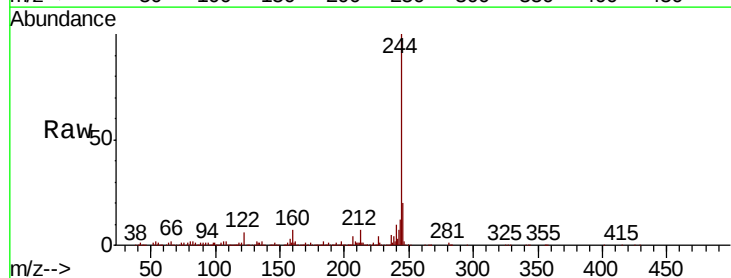
RT: 20.05 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BG042917.D

Acq: 23 Sep 2019 17:25

Tgt Ion:	244	Resp:	523122
Ion	Ratio	Lower	Upper
244	100		
212	7.0	7.1	10.7#
122	5.7	6.9	10.3#

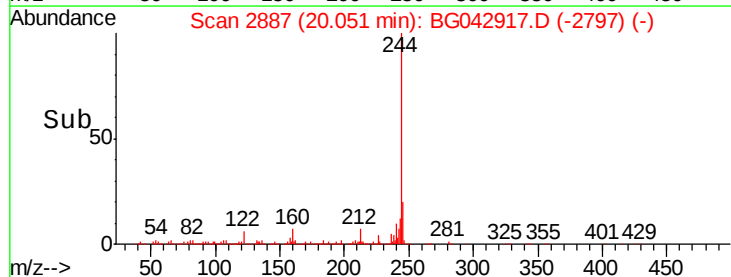
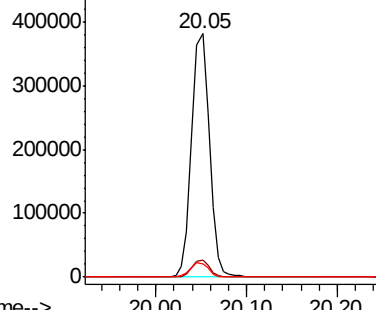


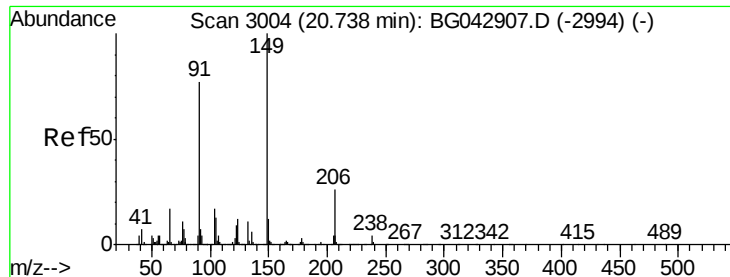
Abundance

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

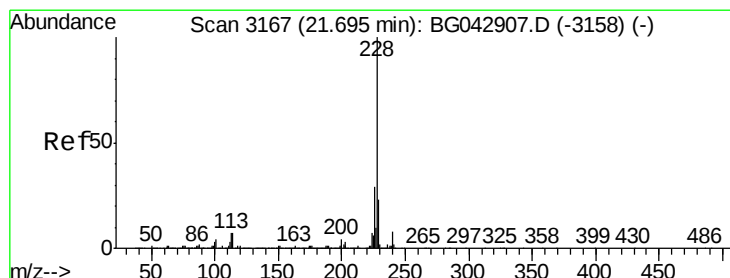
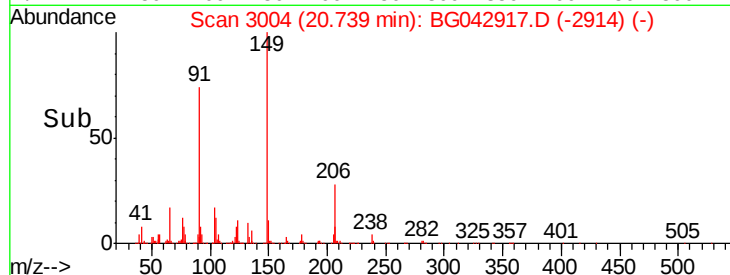
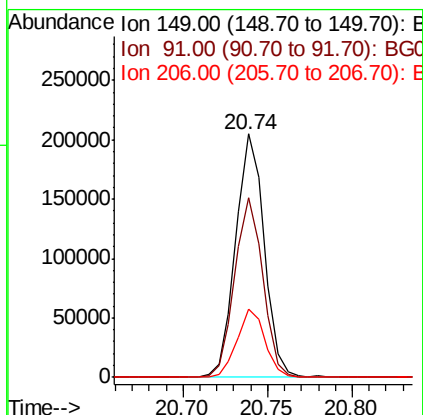
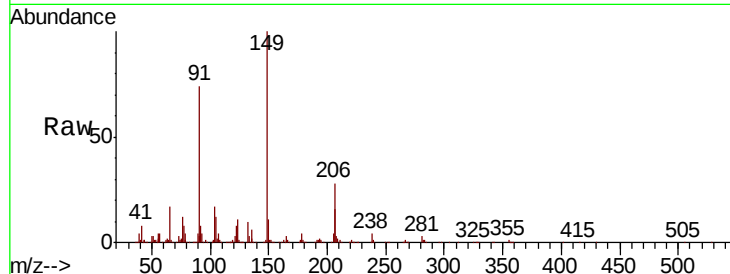




#80
Butylbenzylphthalate
Concen: 25.813 ng
RT: 20.74 min Scan# 3004
Delta R.T. 0.00 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

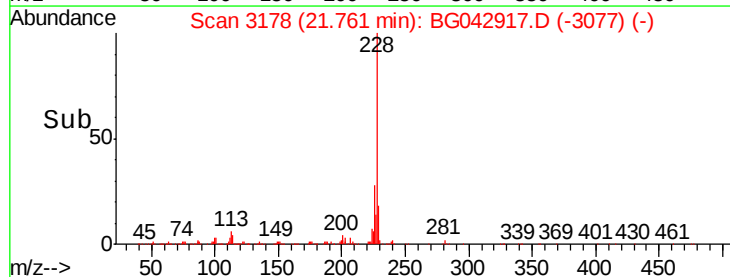
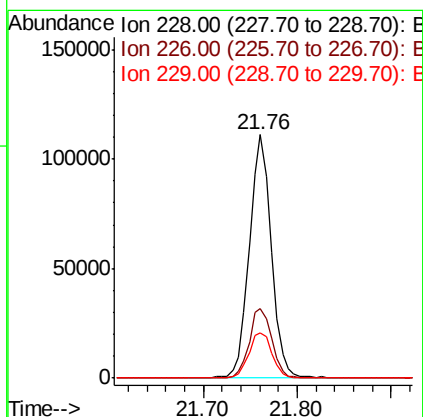
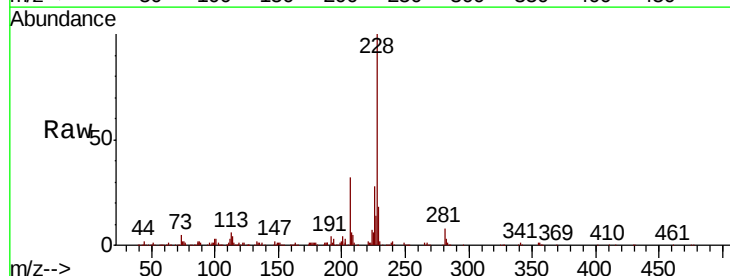
Instrument :
BNA_G
ClientSampleId :

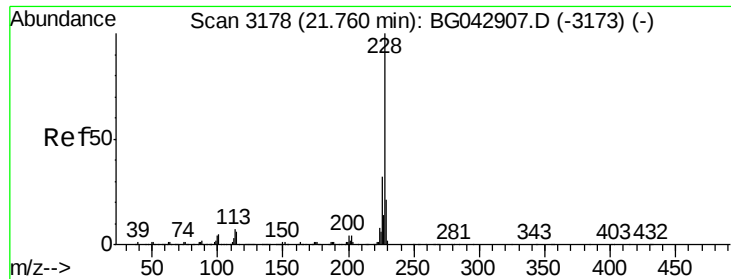
Tot Ion	Ion	Ratio	Lower	Upper
149	100			
91	73.9	61.4	92.2	
206	27.9	21.0	31.6	



#81
Benzo(a)anthracene
Concen: 7.199 ng
RT: 21.76 min Scan# 3178
Delta R.T. 0.07 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

Tgt Ion	Ion	Ratio	Lower	Upper
228	100			
226	28.4	23.3	34.9	
229	18.5	18.0	27.0	





#83

Chrysene

Concen: 7.445 ng

RT: 21.76 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG042917.D

Acq: 23 Sep 2019 17:25

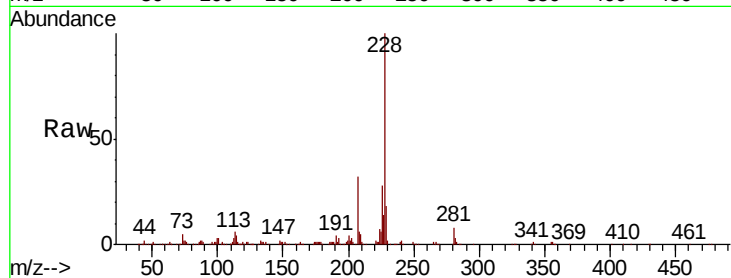
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 179973

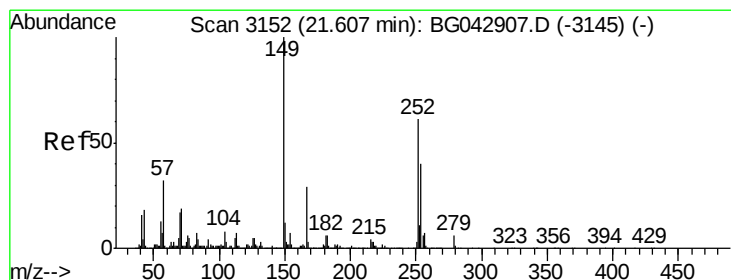
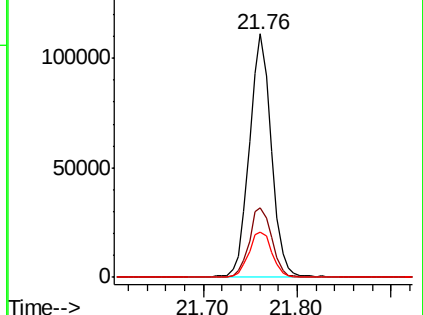
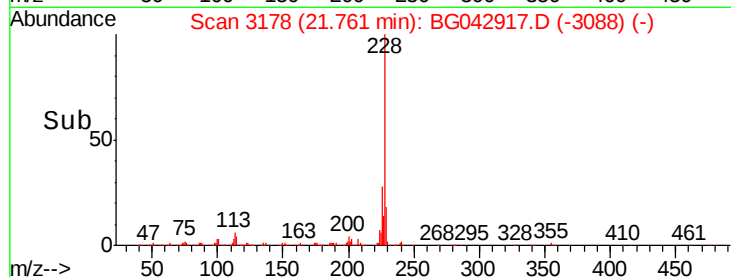
Ion	Ratio	Lower	Upper
228	100		
226	28.4	25.3	37.9
229	18.5	16.5	24.7



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: 10.767 ng

RT: 21.61 min Scan# 3152

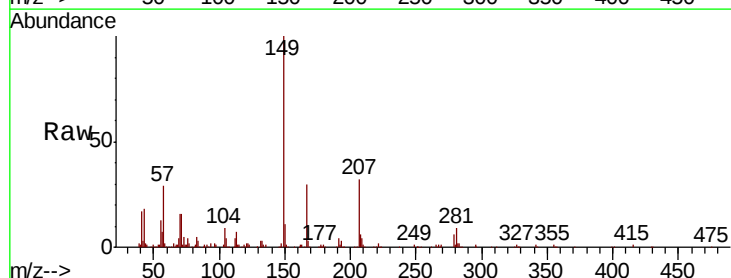
Delta R.T. 0.00 min

Lab File: BG042917.D

Acq: 23 Sep 2019 17:25

Tgt Ion:149 Resp: 142361

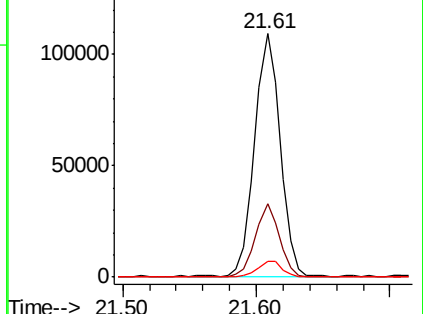
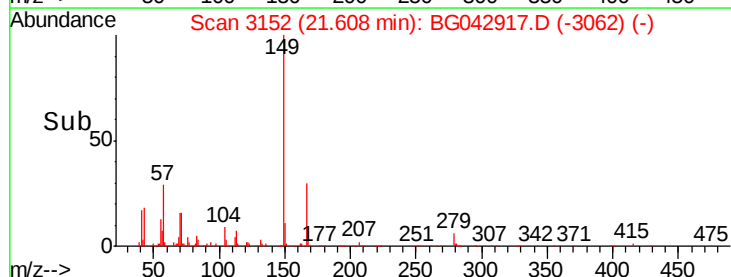
Ion	Ratio	Lower	Upper
149	100		
167	30.3	23.4	35.0
279	6.3	4.9	7.3

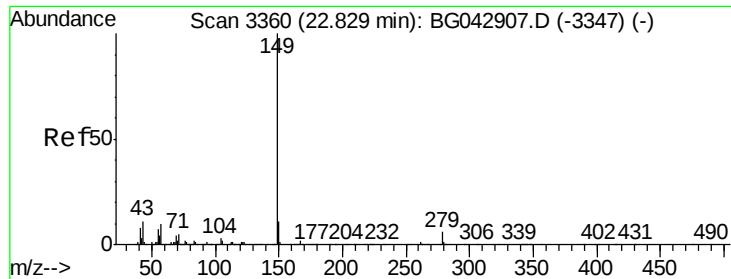


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

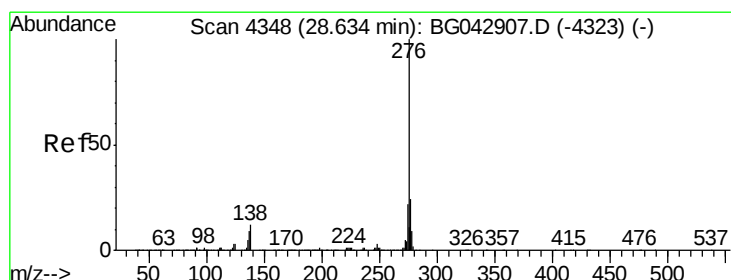
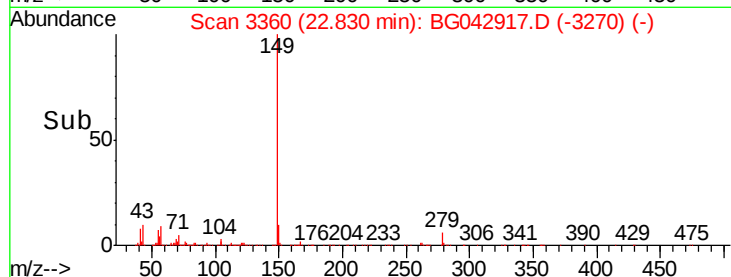
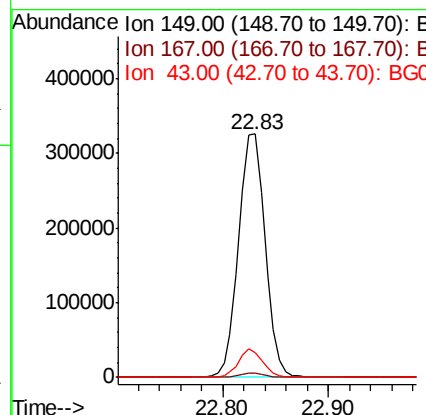
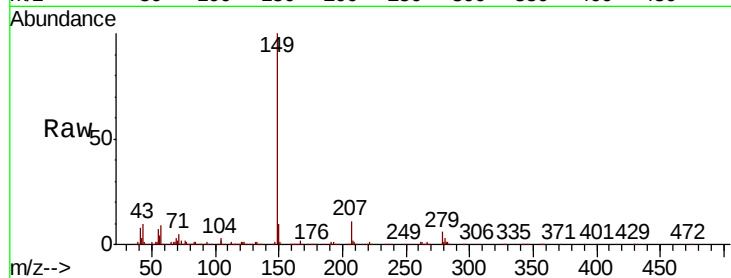




#85
Di-n-octyl phthalate
Concen: 25.779 ng
RT: 22.83 min Scan# 3360
Delta R.T. 0.00 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

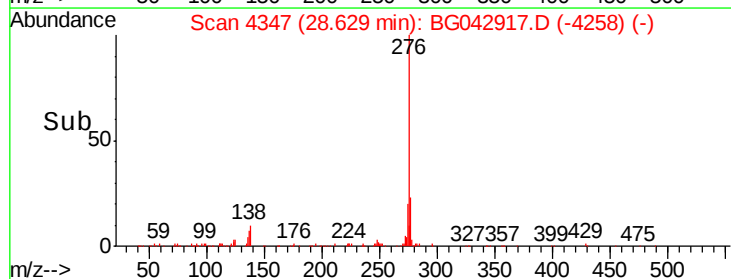
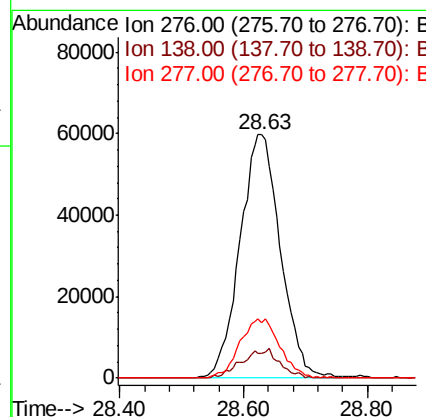
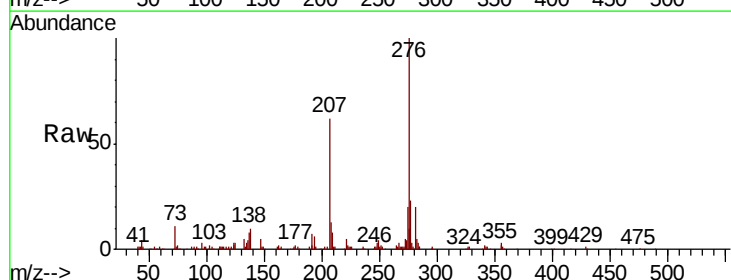
Instrument :
BNA_G
ClientSampleId :

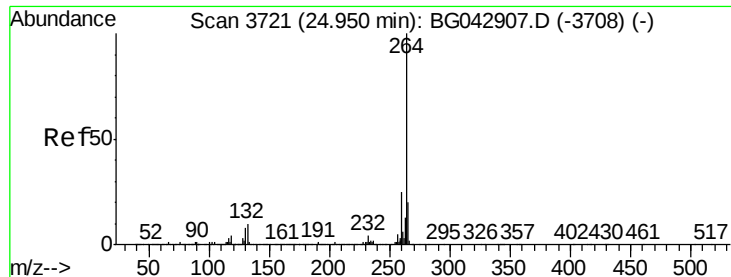
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	10.8	9.1	13.7



#86
Indeno(1,2,3-cd)pyrene
Concen: 8.985 ng
RT: 28.63 min Scan# 4347
Delta R.T. -0.00 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.6	12.2	18.2#
277	24.2	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.95 min Scan# 3721

Delta R.T. 0.00 min

Lab File: BG042917.D

Acq: 23 Sep 2019 17:25

Instrument :

BNA_G

ClientSampleId :

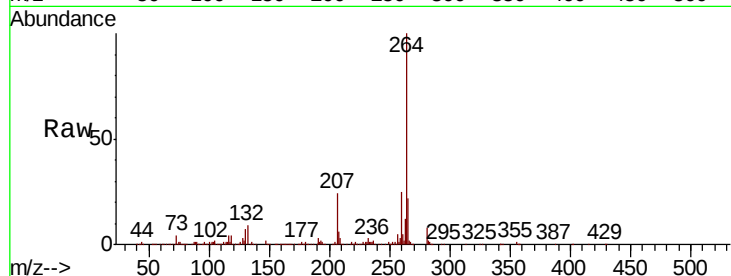
Tot Ion:264 Resp: 460793

Ion Ratio Lower Upper

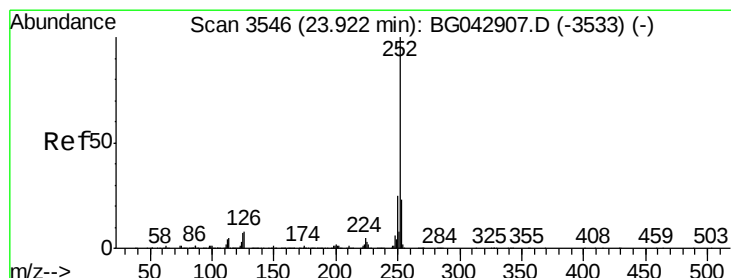
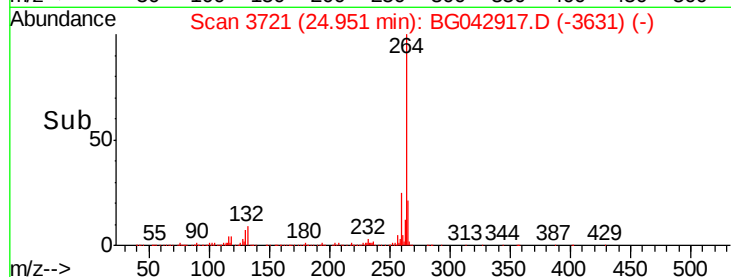
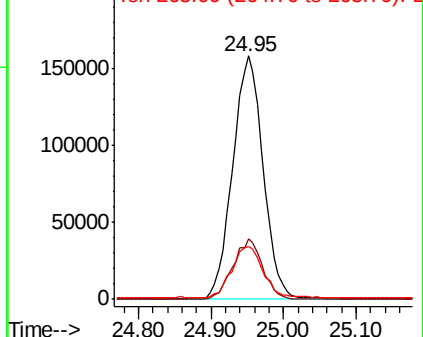
264 100

260 24.6 20.4 30.6

265 21.8 17.0 25.4



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



#88

Benzo(b)fluoranthene

Concen: 21.534 ng

RT: 23.99 min Scan# 3557

Delta R.T. 0.07 min

Lab File: BG042917.D

Acq: 23 Sep 2019 17:25

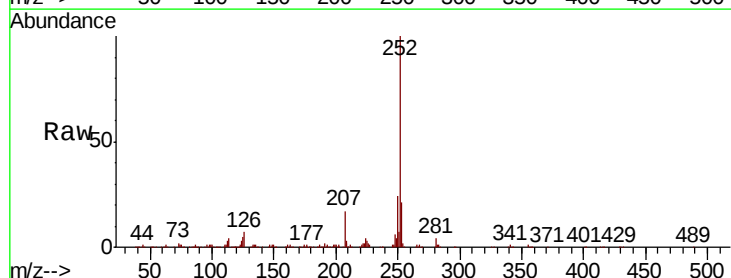
Tgt Ion:252 Resp: 565025

Ion Ratio Lower Upper

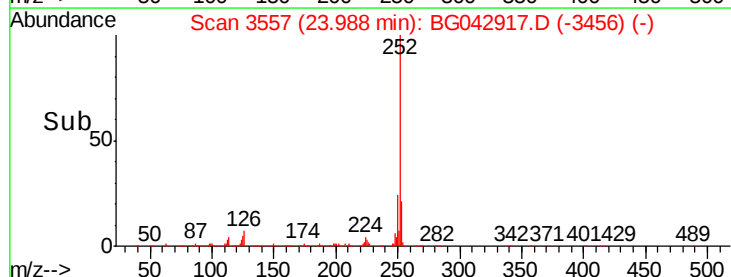
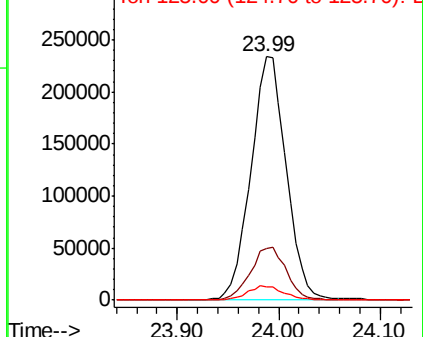
252 100

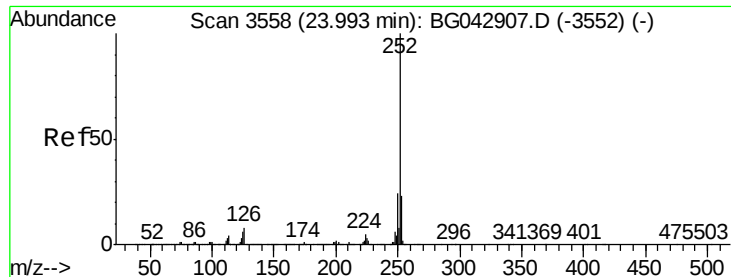
253 21.4 18.8 28.2

125 5.4 5.2 7.8



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

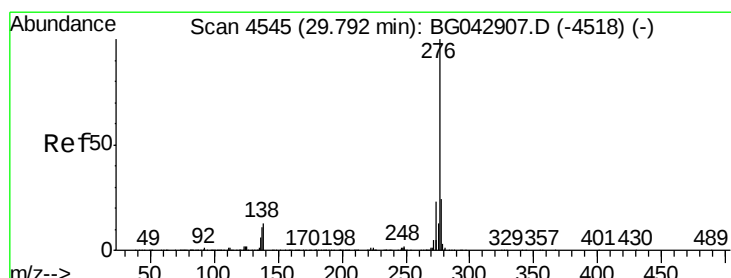
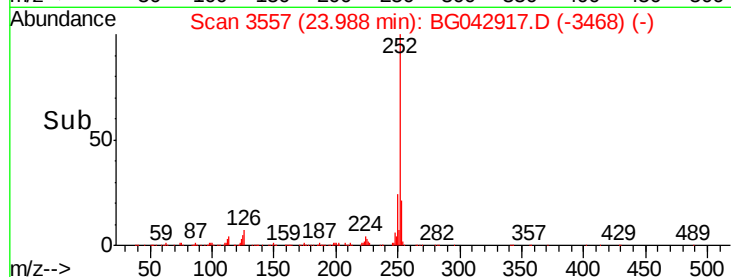
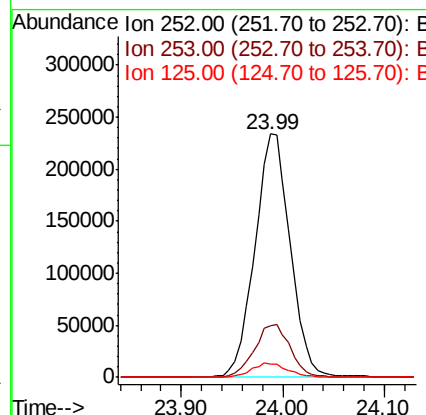
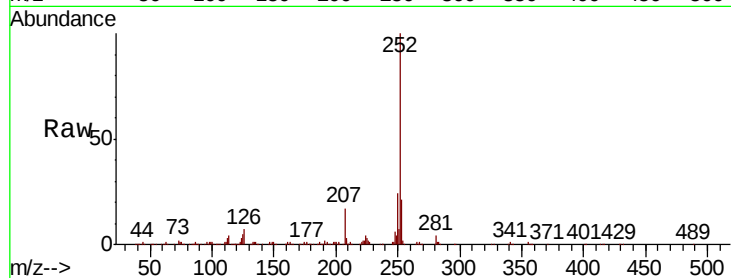




#89
Benzo(k)fluoranthene
Concen: 22.289 ng
RT: 23.99 min Scan# 3557
Delta R.T. -0.00 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	5.4	5.0	7.6



#92
Benzo(g,h,i)perylene
Concen: 15.546 ng
RT: 29.78 min Scan# 4542
Delta R.T. -0.02 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.3	19.2	28.8
138	10.8	10.6	15.8

