

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 :
 PT-BN-WP DL

Quant Time: Sep 24 02:27:01 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

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

						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
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
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
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
86) Indeno(1,2,3-cd)pyrene	28.63	276	270786	8.985	ng	# 89
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

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 :
PT-BN-WP DL

Quant Time: Sep 24 02:27:01 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

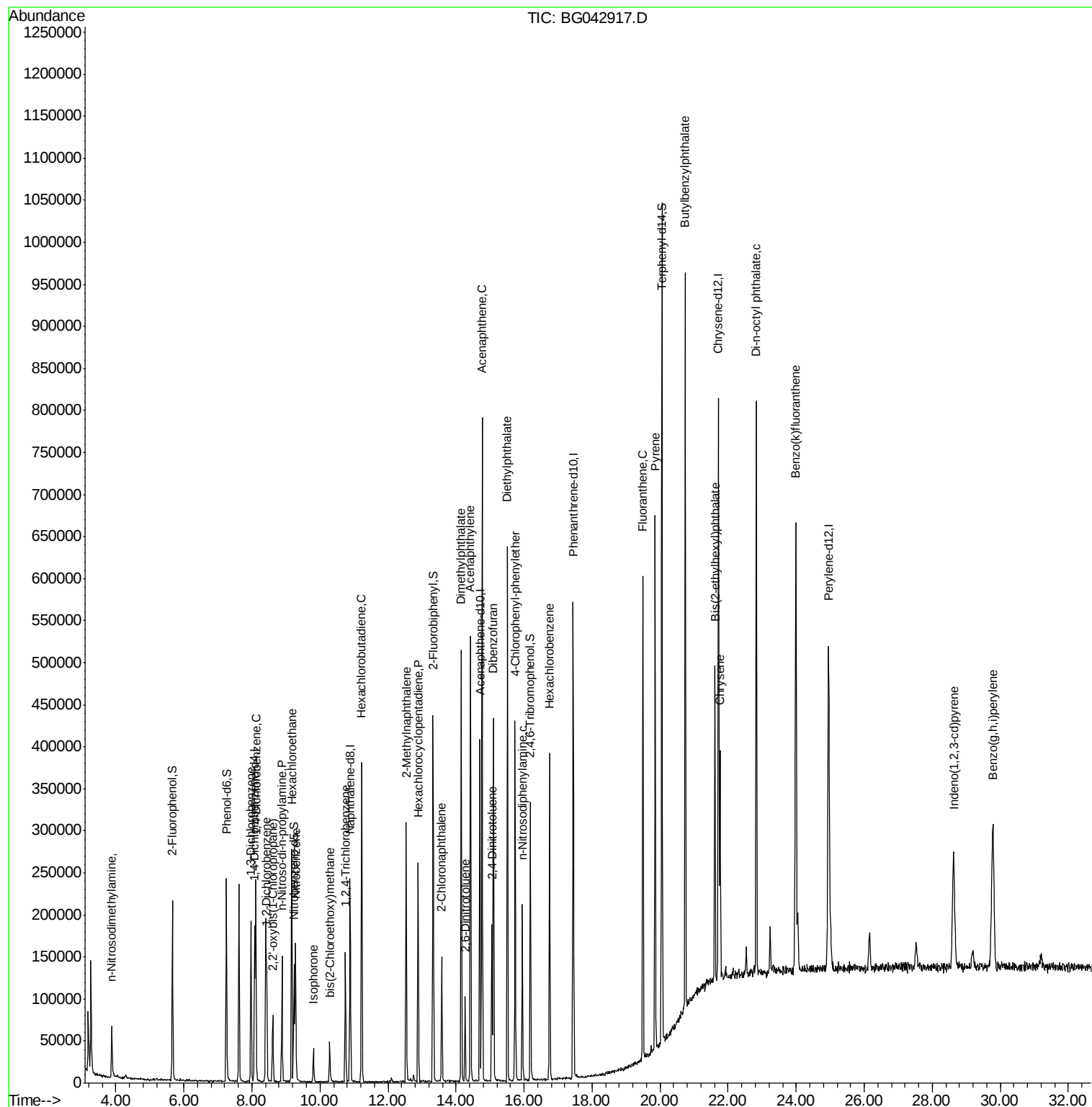
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

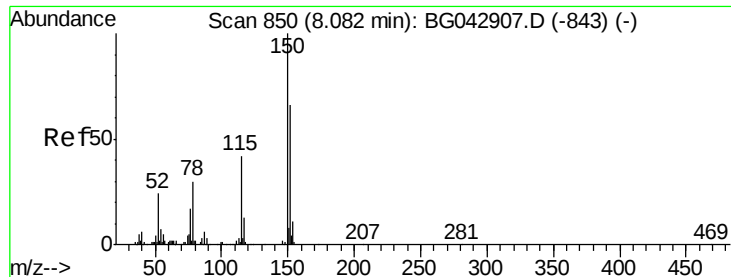
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 :
PT-BN-WP DL

Quant Time: Sep 24 02:27:01 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



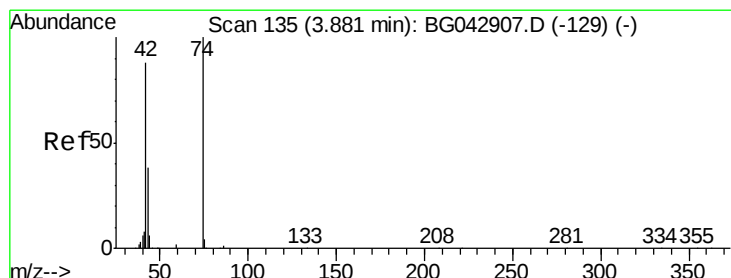
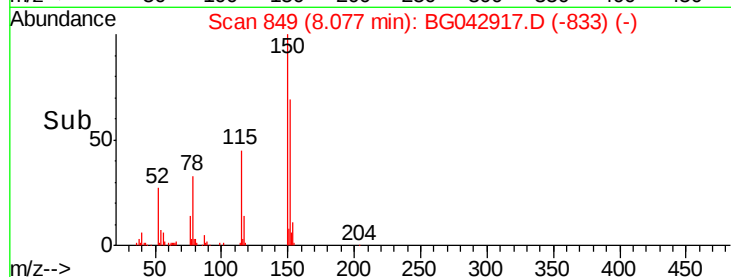
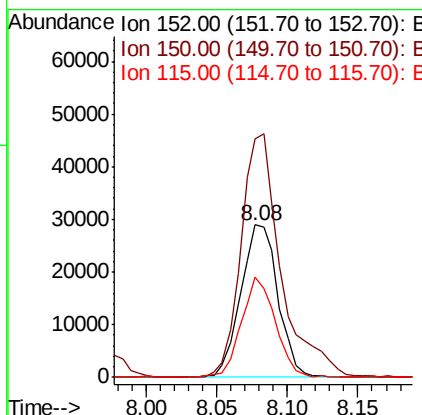
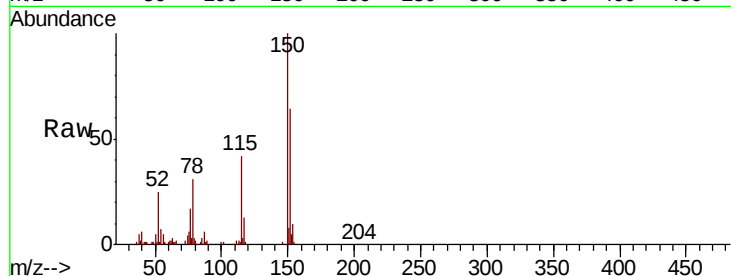


#1

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 :
 PT-BN-WP DL

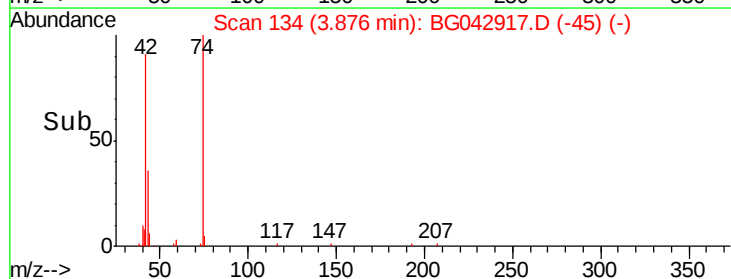
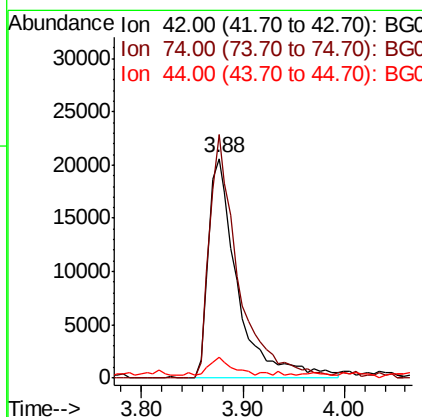
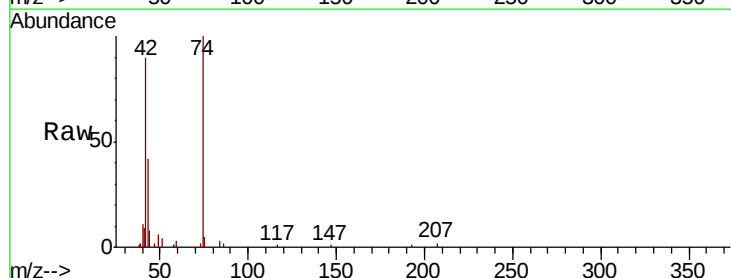
Tot Ion:152 Resp: 53273
 Ion Ratio Lower Upper
 152 100
 150 156.5 121.4 182.2
 115 65.5 50.7 76.1

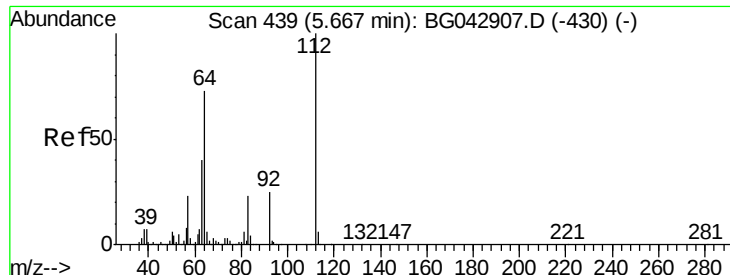


#4

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#





#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 :

PT-BN-WP DL

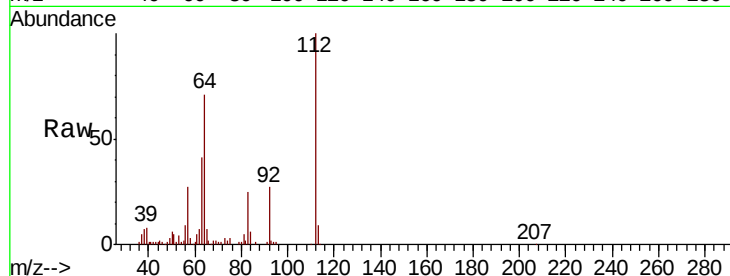
Tot Ion:112 Resp: 91390

Ion Ratio Lower Upper

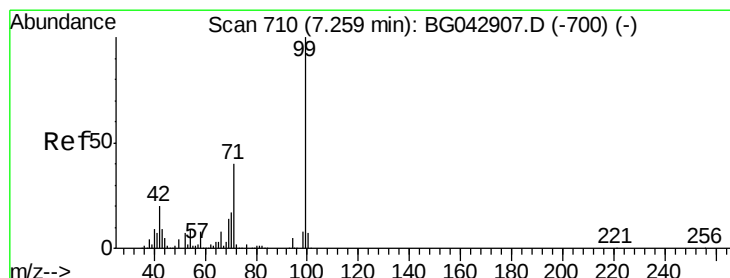
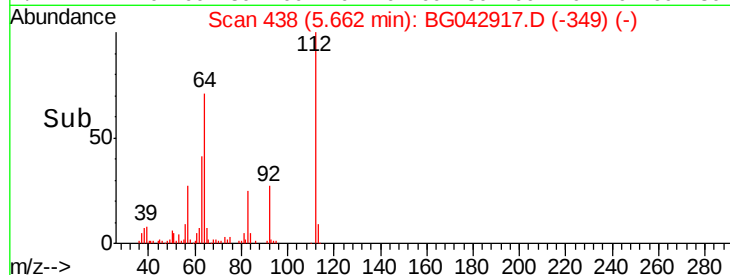
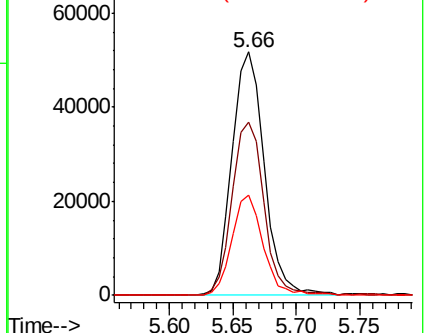
112 100

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

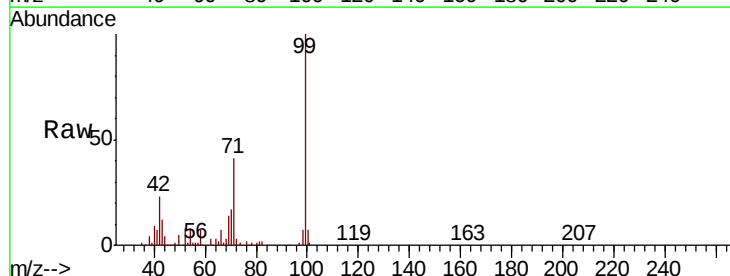
Tgt Ion: 99 Resp: 135165

Ion Ratio Lower Upper

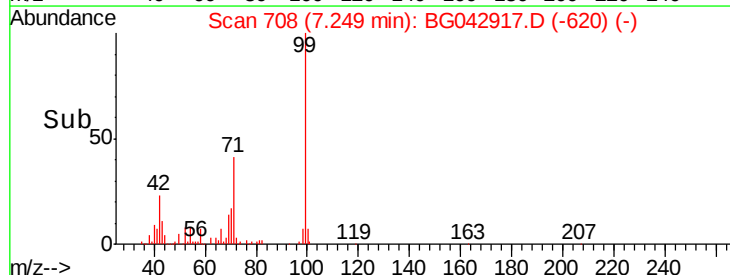
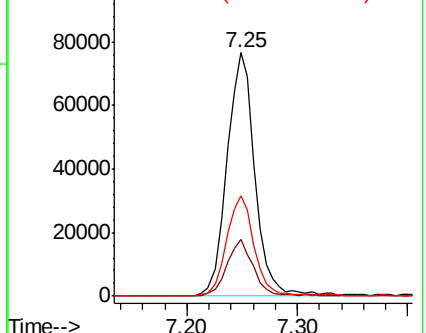
99 100

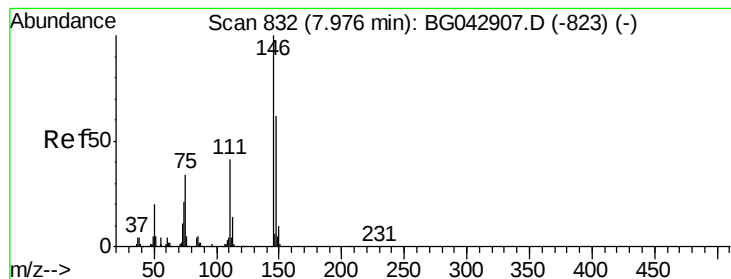
42 23.2 15.8 23.6

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 :

PT-BN-WP DL

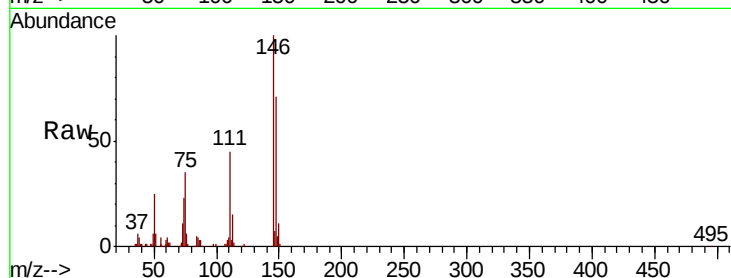
Tot Ion:146 Resp: 80079

Ion Ratio Lower Upper

146 100

148 71.2 49.4 74.0

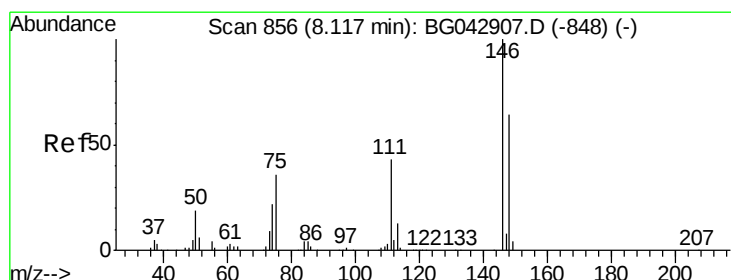
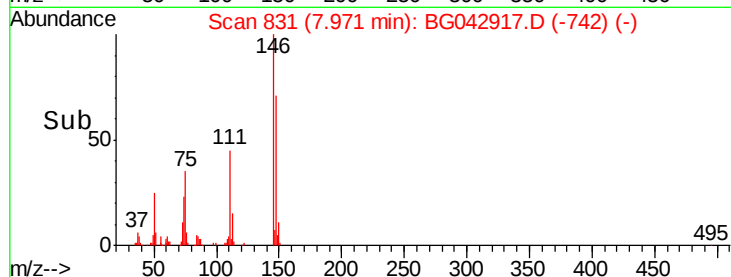
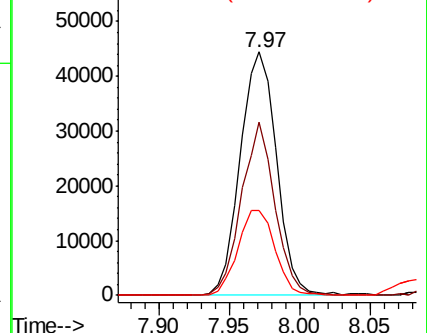
75 34.7 27.0 40.6



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

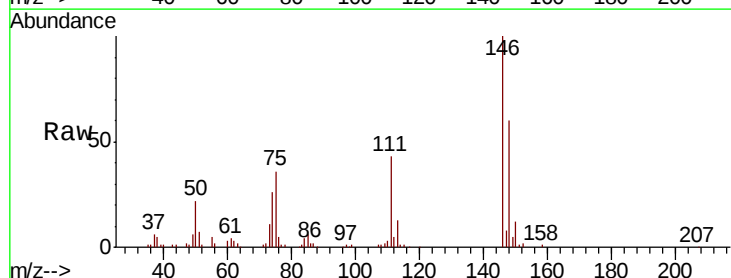
Tgt Ion:146 Resp: 96044

Ion Ratio Lower Upper

146 100

148 60.4 51.4 77.2

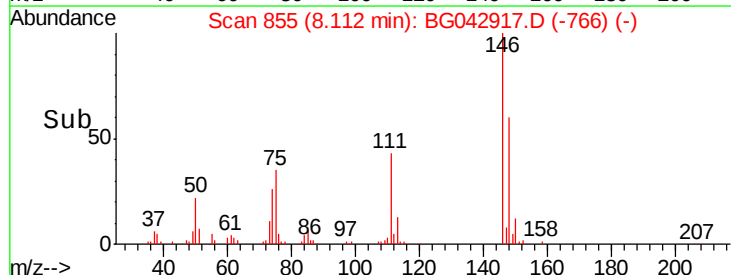
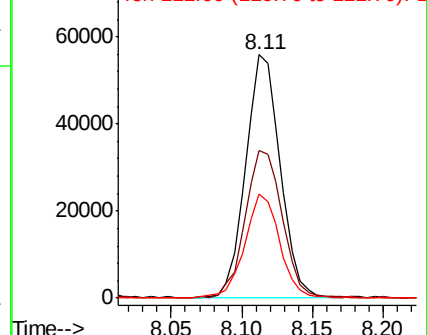
111 42.7 34.7 52.1

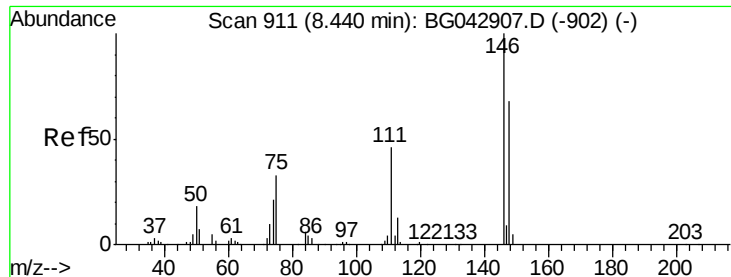


Abundance Ion 146.00 (145.70 to 146.70): E

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 :

PT-BN-WP DL

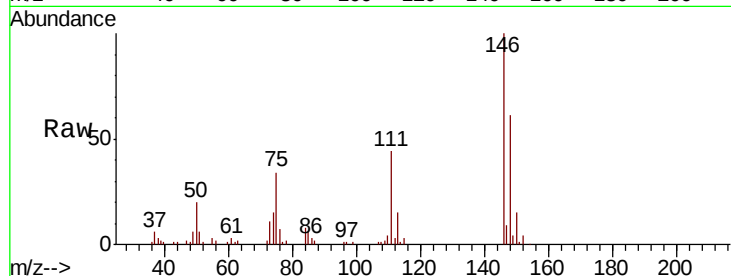
Tot Ion:146 Resp: 52384

Ion Ratio Lower Upper

146 100

148 61.1 54.7 82.1

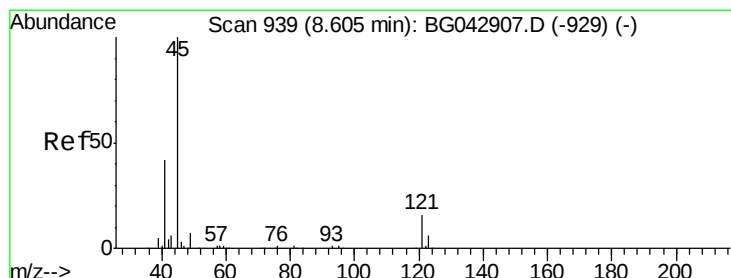
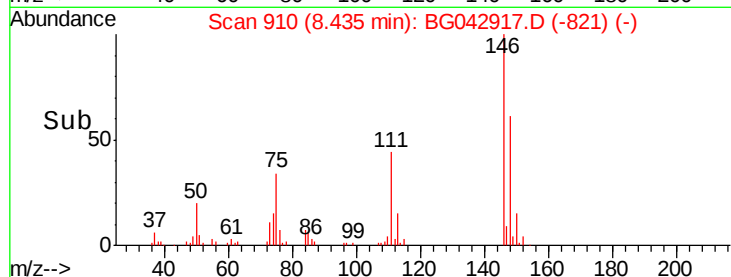
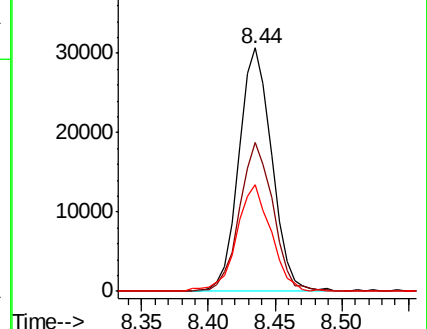
111 43.6 37.4 56.2



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

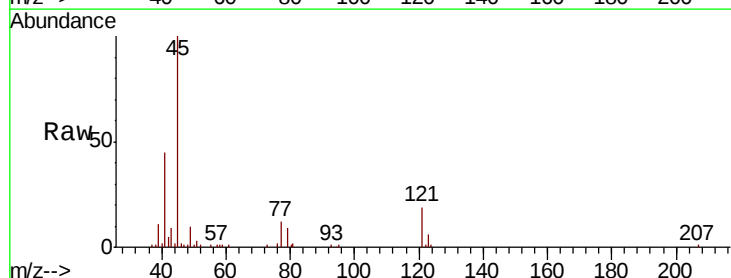
Tgt Ion: 45 Resp: 65732

Ion Ratio Lower Upper

45 100

77 11.8 0.0 32.6

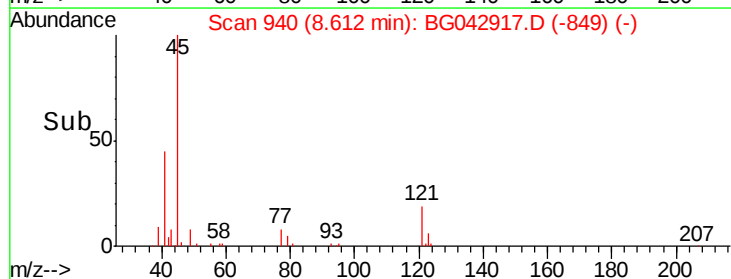
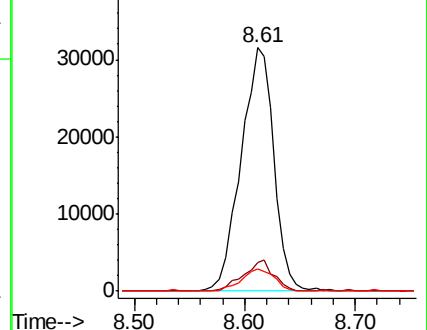
79 9.0 0.0 29.0

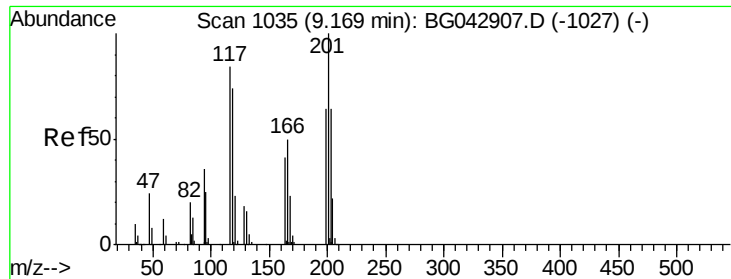


Abundance Ion 45.00 (44.70 to 45.70): BGC

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

Acq: 23 Sep 2019 17:25

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP DL

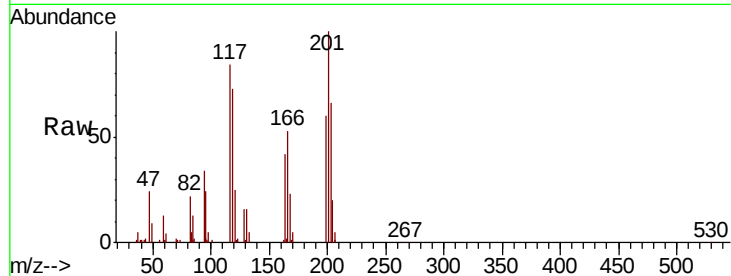
Tot Ion:117 Resp: 49977

Ion Ratio Lower Upper

117 100

119 87.4 70.9 106.3

201 119.5 95.2 142.8

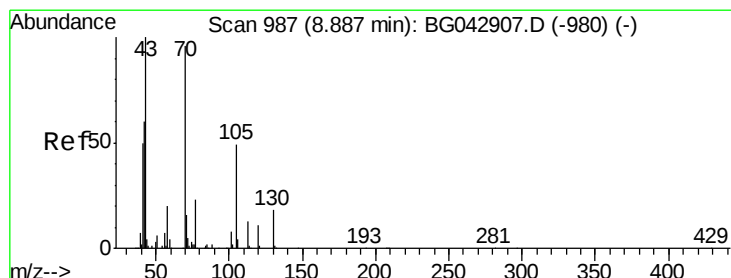
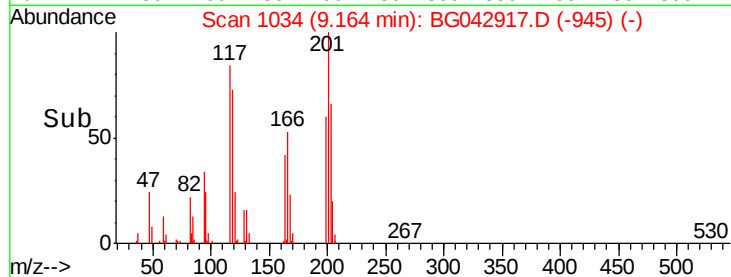
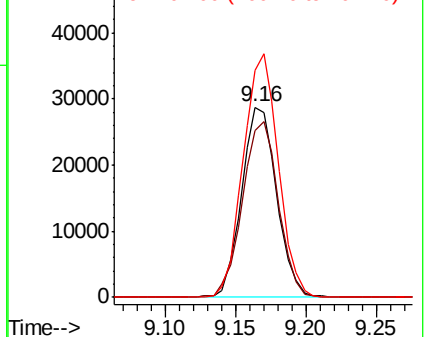


Abundance

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

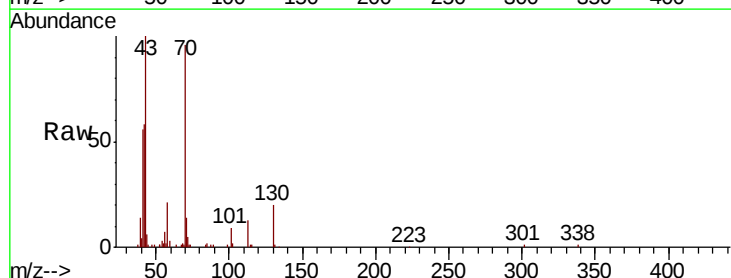
Ion Ratio Lower Upper

70 100

42 60.1 50.5 75.7

101 9.0 7.0 10.4

130 20.6 14.9 22.3



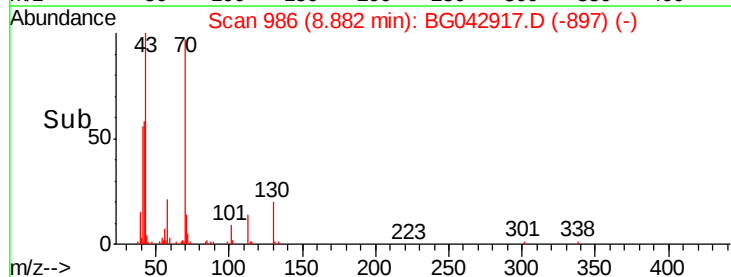
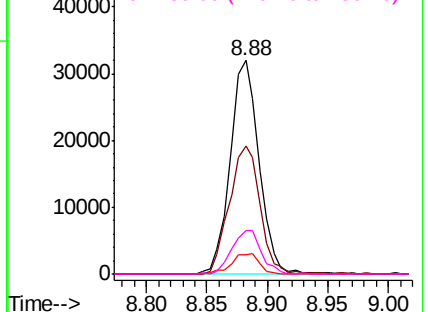
Abundance

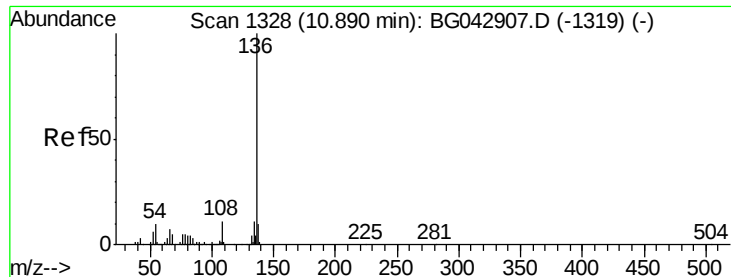
Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

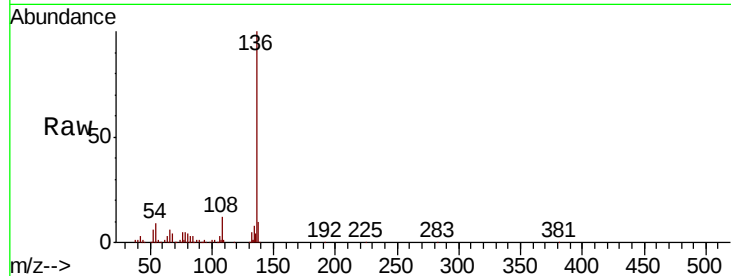




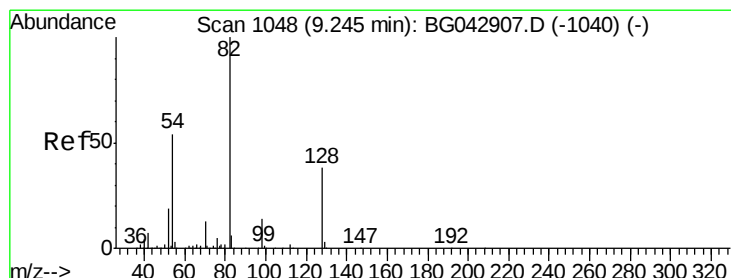
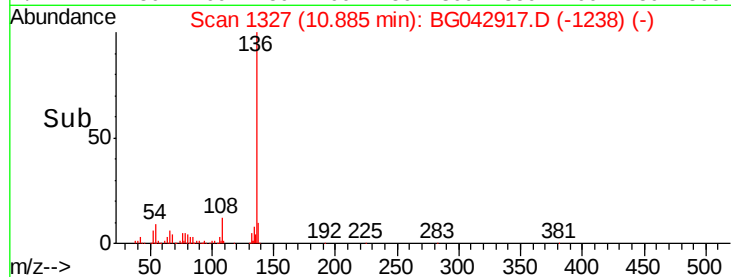
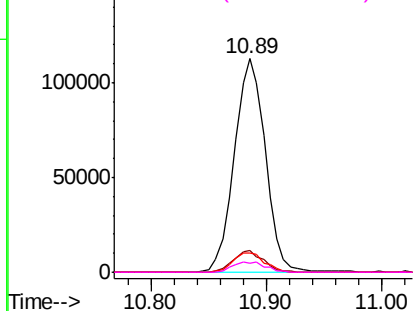
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP DL

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

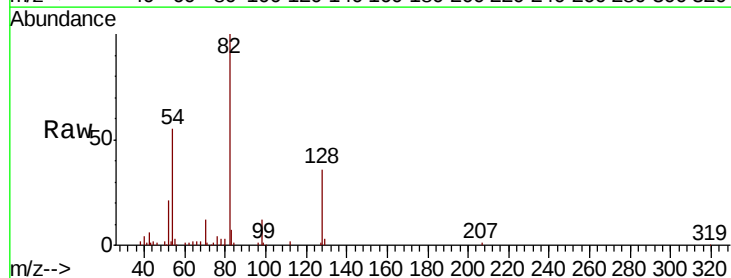


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

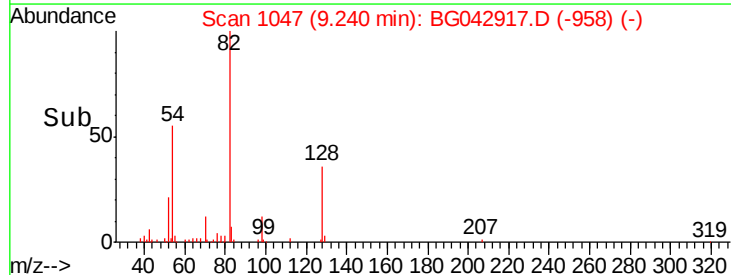
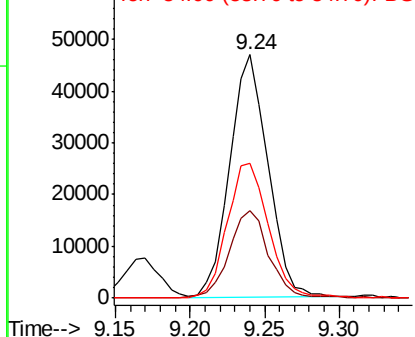


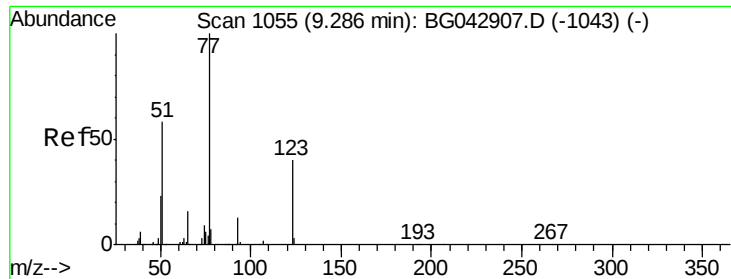
#23
Nitrobenzene-d5
Concen: 19.497 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

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

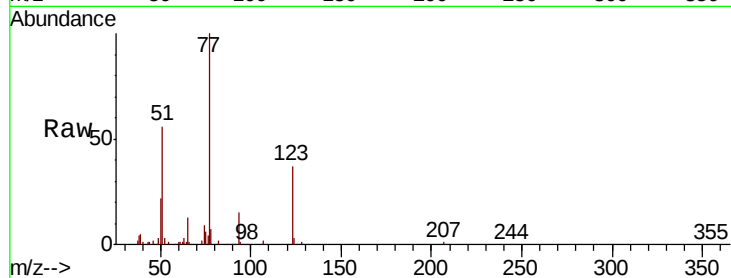




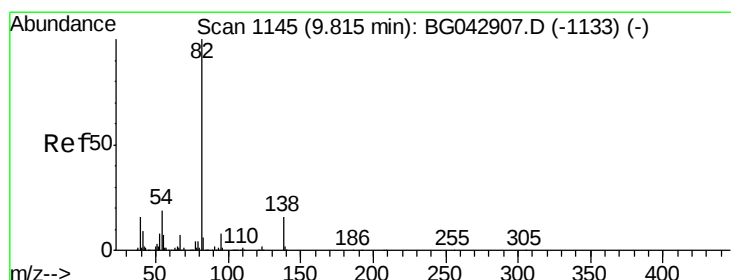
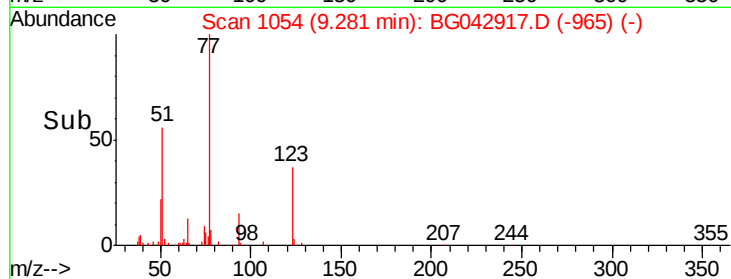
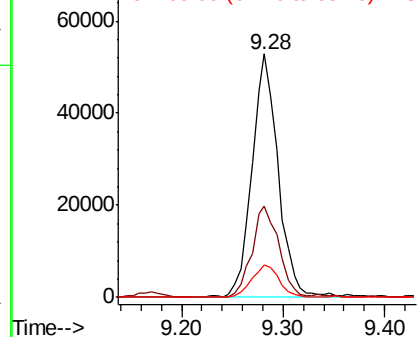
#24
 Nitrobenzene
 Concen: 22.836 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG042917.D
 Acq: 23 Sep 2019 17:25

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP DL

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

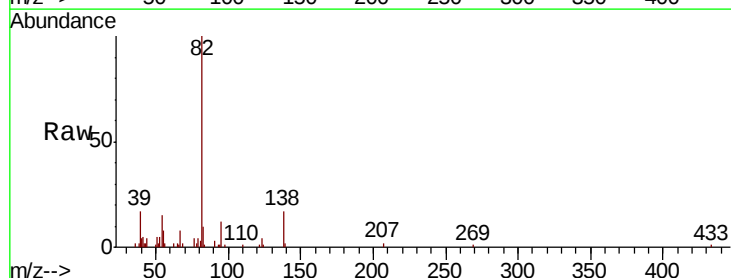


Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

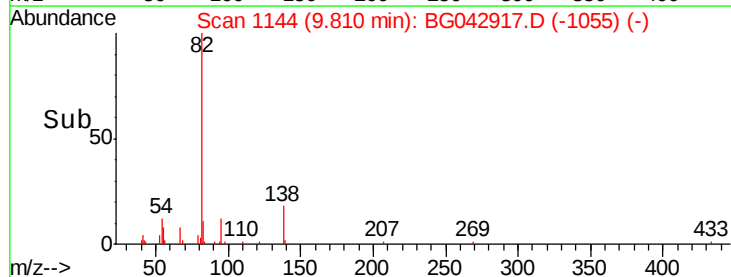
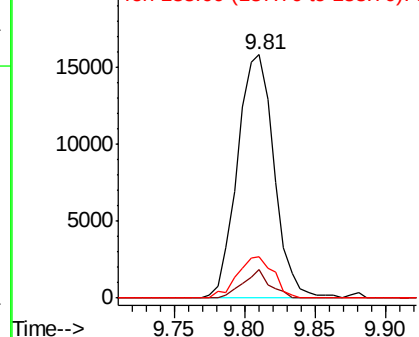


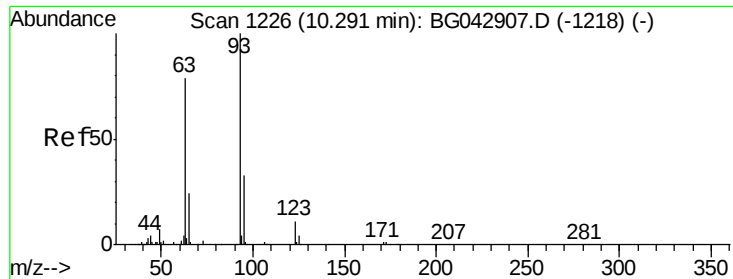
#25
 Isophorone
 Concen: 3.771 ng
 RT: 9.81 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: BG042917.D
 Acq: 23 Sep 2019 17:25

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

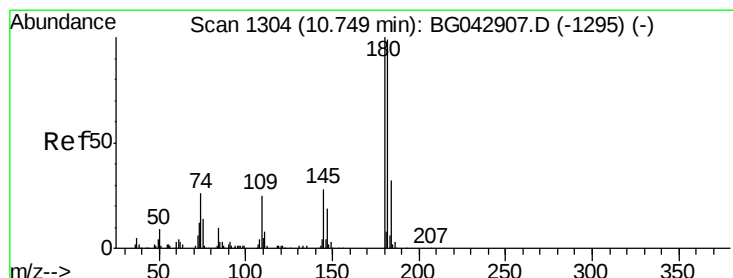
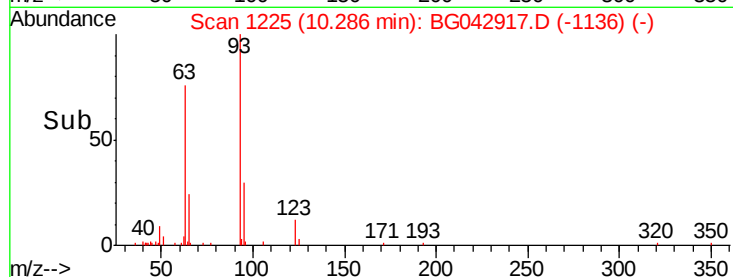
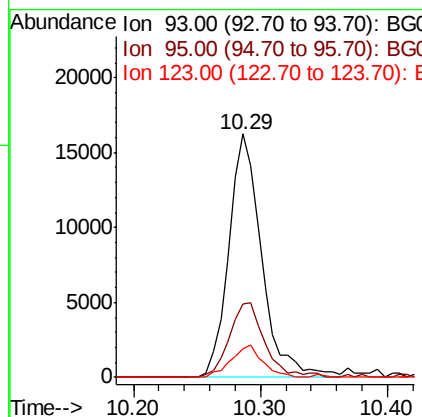
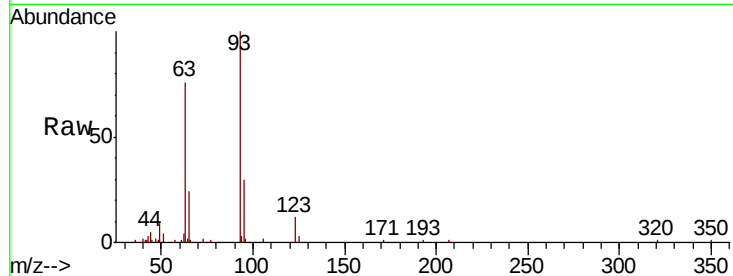




#28
 bis(2-Chloroethoxy)methane
 Concen: 6.577 ng
 RT: 10.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BG042917.D
 Acq: 23 Sep 2019 17:25

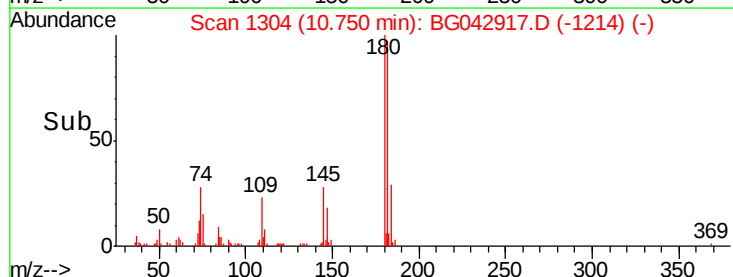
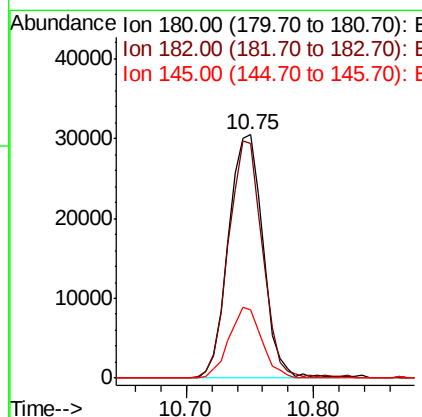
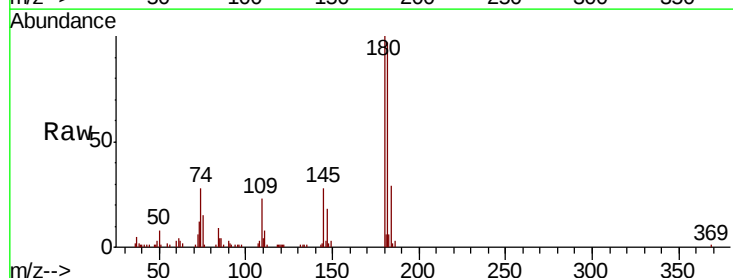
Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP DL

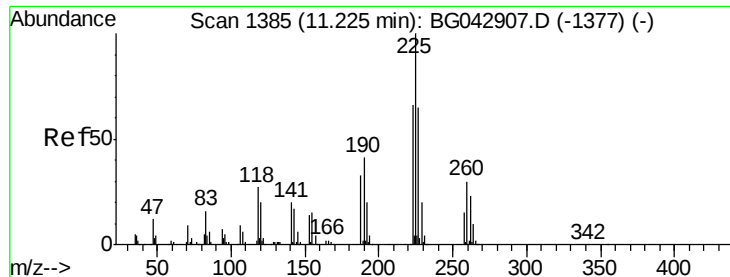
Tot Ion	Ratio	Lower	Upper
93	100		
95	30.1	26.3	39.5
123	11.8	8.6	13.0



#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	Ratio	Lower	Upper
180	100		
182	96.6	78.9	118.3
145	28.2	22.4	33.6

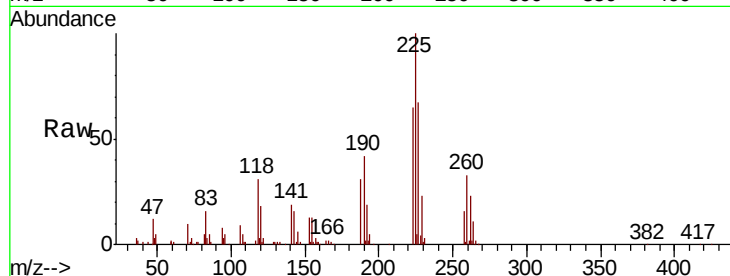




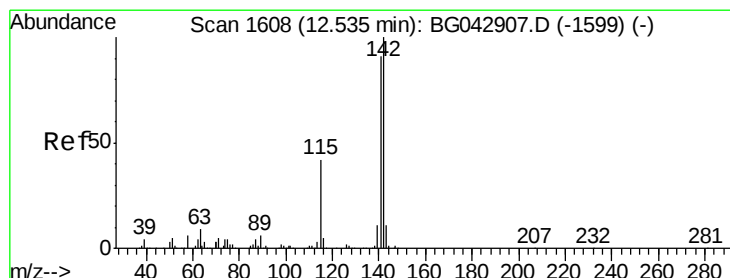
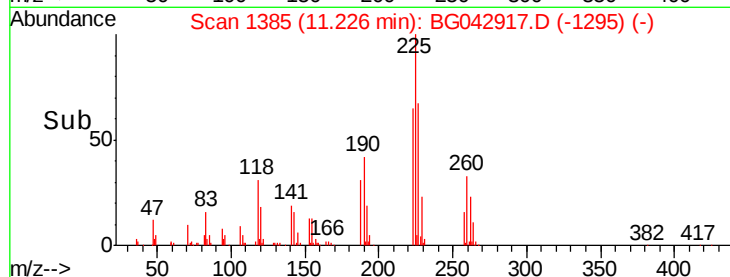
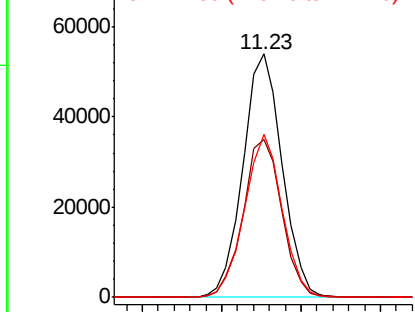
#34
Hexachlorobutadiene
Concen: 30.800 ng
RT: 11.23 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP DL

Tot Ion:225 Resp: 92517
Ion Ratio Lower Upper
225 100
223 64.7 52.9 79.3
227 67.0 51.6 77.4

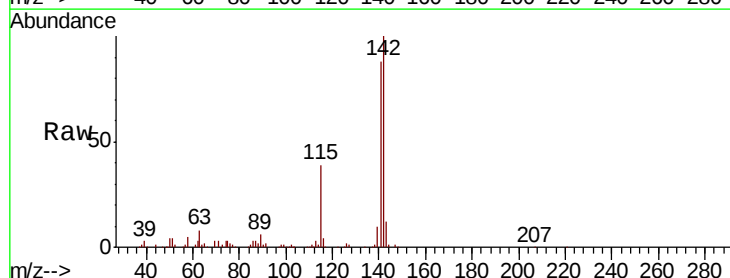


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

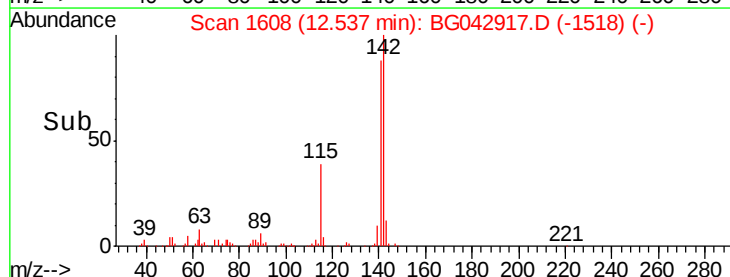
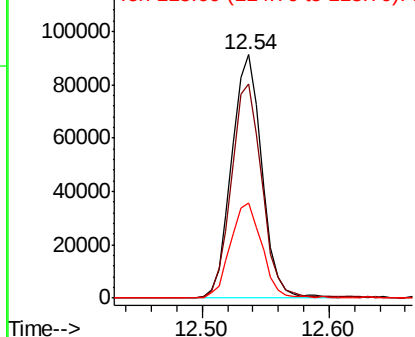


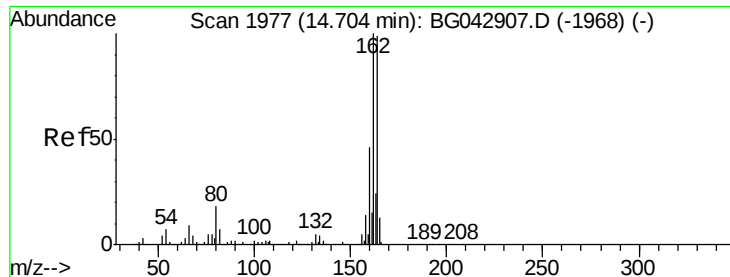
#37
2-Methylnaphthalene
Concen: 19.379 ng
RT: 12.54 min Scan# 1608
Delta R.T. 0.00 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

Tgt Ion:142 Resp: 150541
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





#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

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP DL

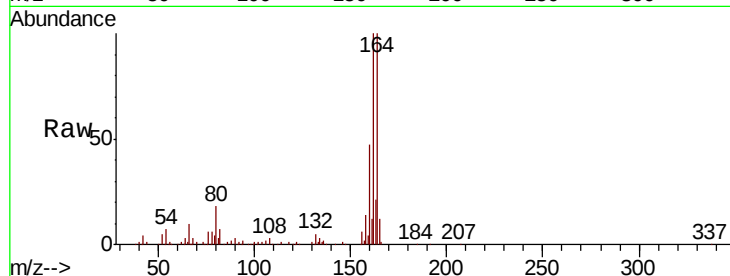
Tot Ion:164 Resp: 145944

Ion Ratio Lower Upper

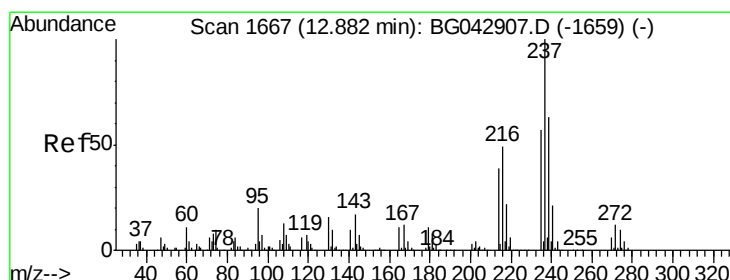
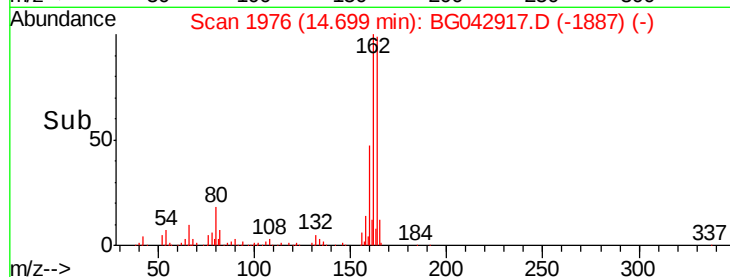
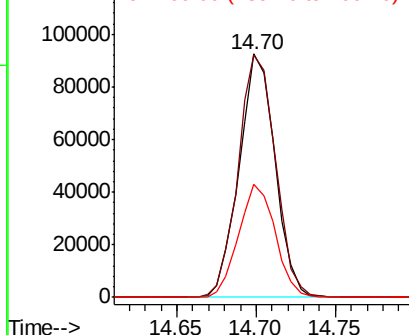
164 100

162 99.6 81.2 121.8

160 46.6 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: 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

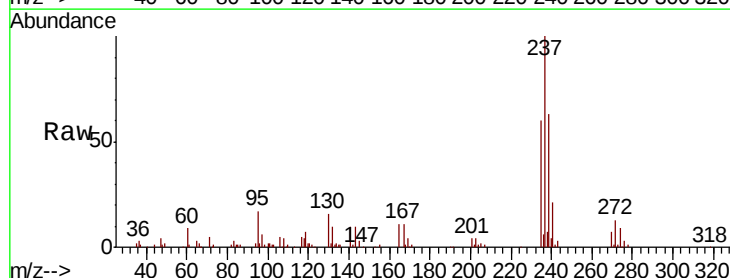
Tgt Ion:237 Resp: 79244

Ion Ratio Lower Upper

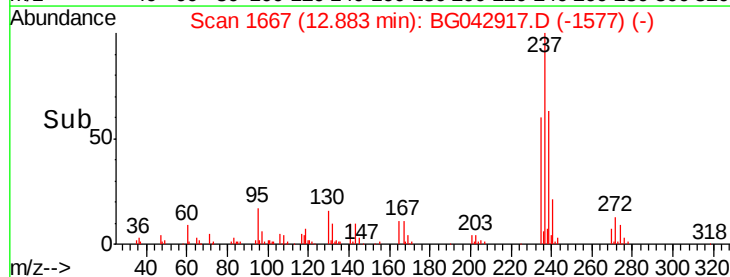
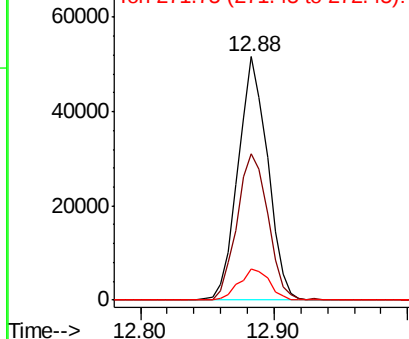
237 100

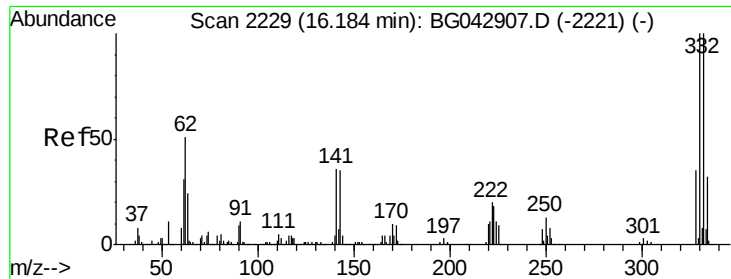
235 60.3 37.1 77.1

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

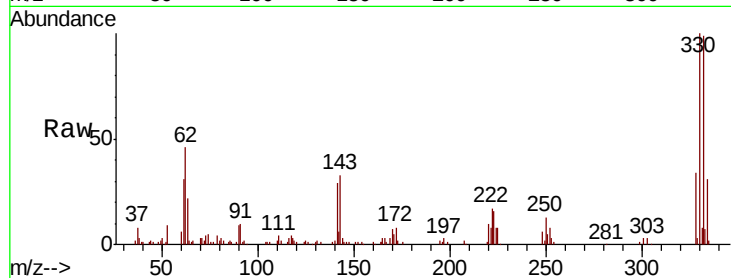




#42
 2,4,6-Tribromophenol
 Concen: 29.013 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. 0.00 min
 Lab File: BG042917.D
 Acq: 23 Sep 2019 17:25

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.2
141	31.0	26.5	39.7

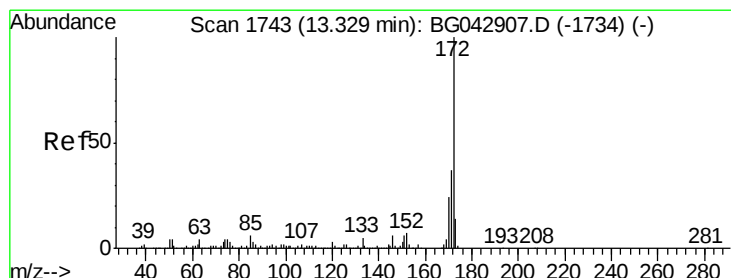
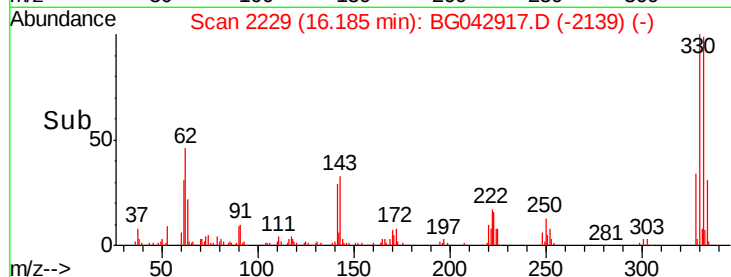
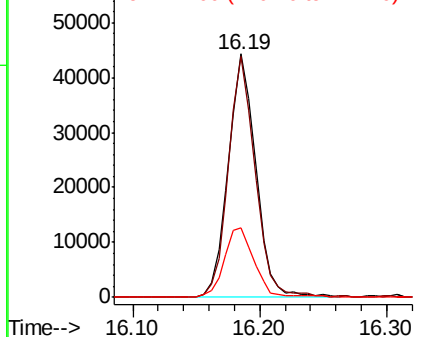


Abundance

Ion 329.80 (329.50 to 330.50): E

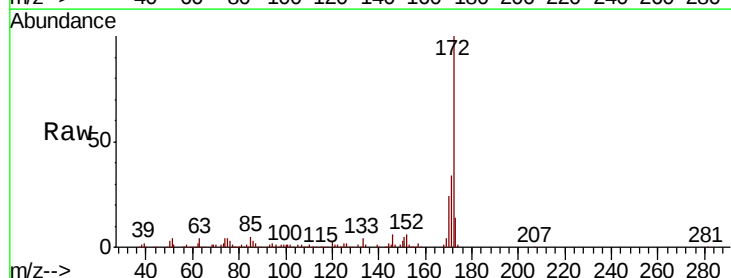
Ion 331.80 (331.50 to 332.50): E

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

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

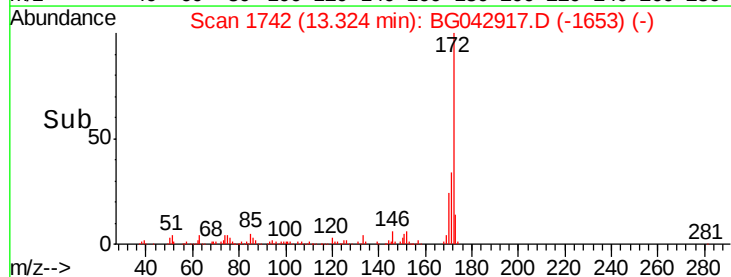
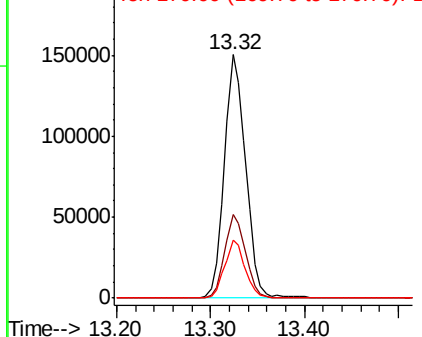


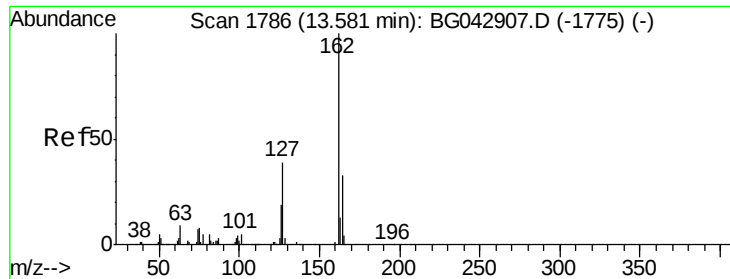
Abundance

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

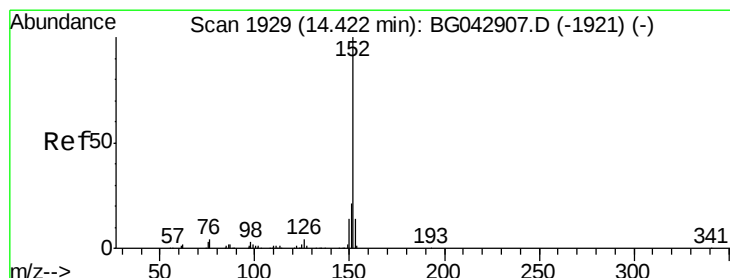
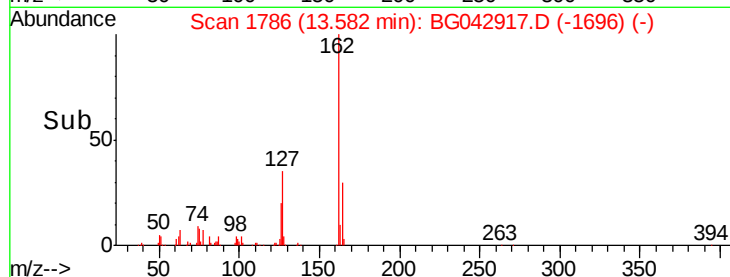
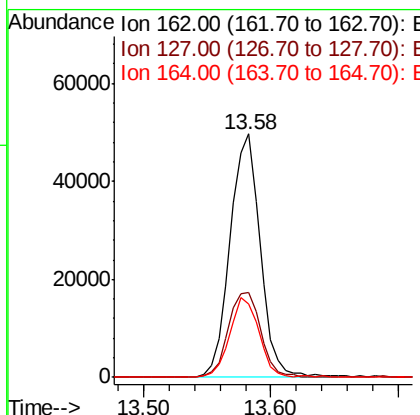
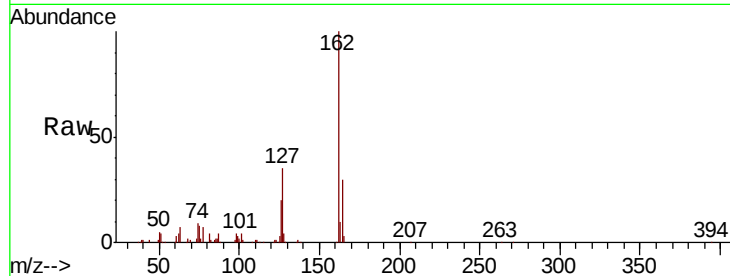




#47
2-Chloronaphthalene
Concen: 9.726 ng
RT: 13.58 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

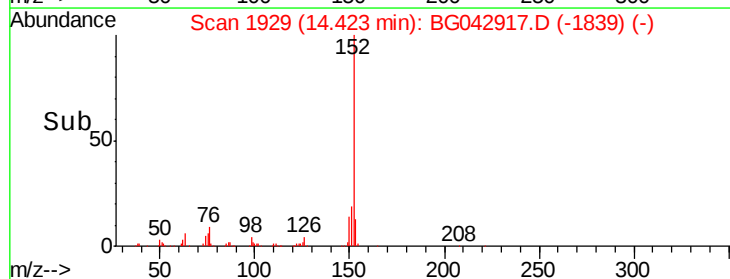
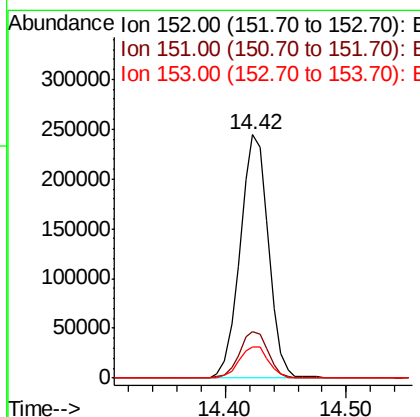
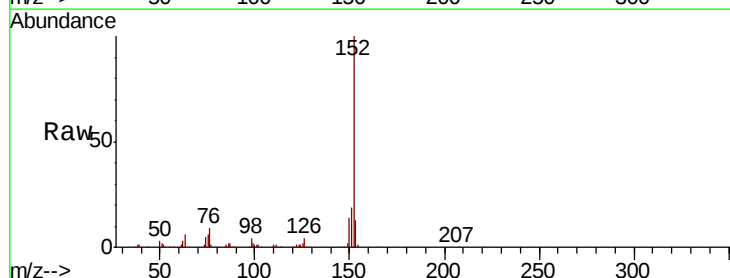
Instrument :
BNA_G
ClientSampleId :
PT-BN-WP DL

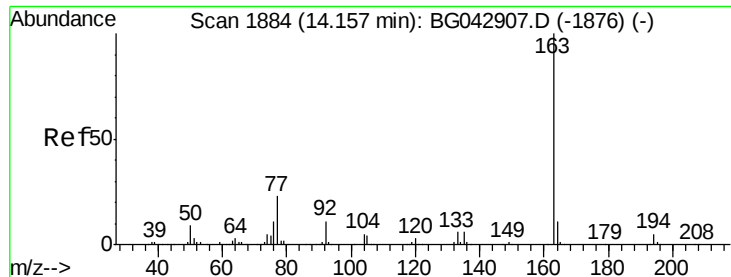
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.6	32.1	48.1
164	30.0	26.6	39.8



#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

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

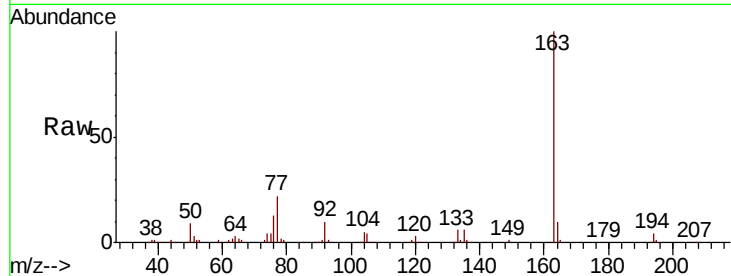




#50
Dimethylphthalate
Concen: 30.493 ng
RT: 14.15 min Scan# 1883
Delta R.T. -0.00 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP DL

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

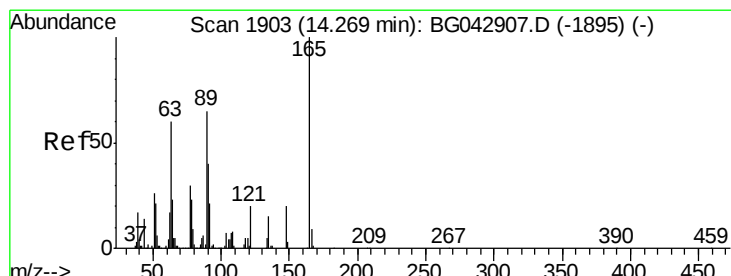
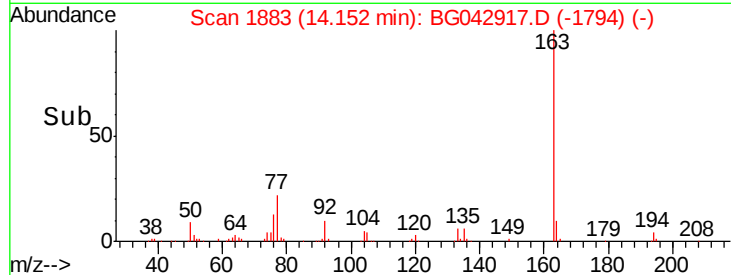
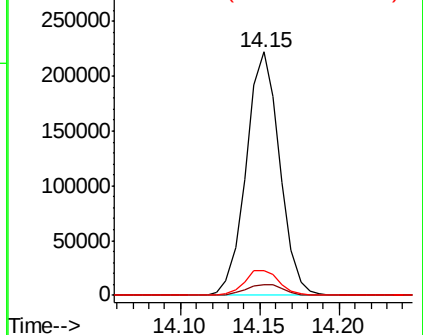


Abundance

Ion 163.00 (162.70 to 163.70): E

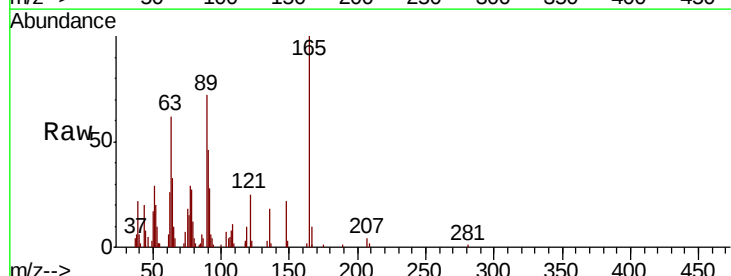
Ion 194.00 (193.70 to 194.70): E

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

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.9	52.6	79.0
89	71.5	52.2	78.4

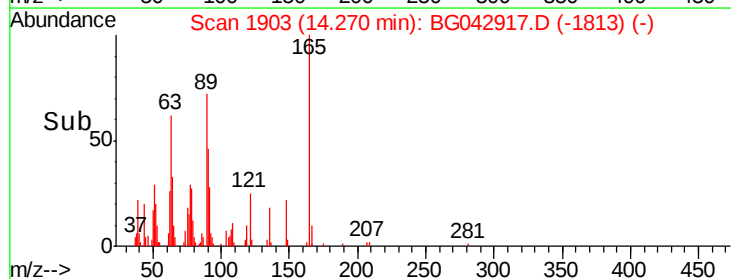
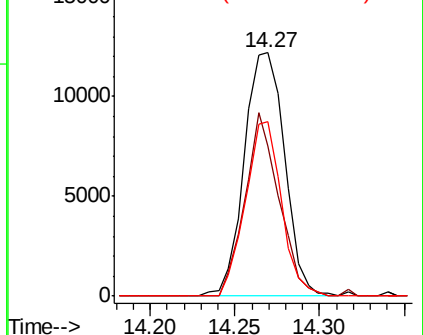


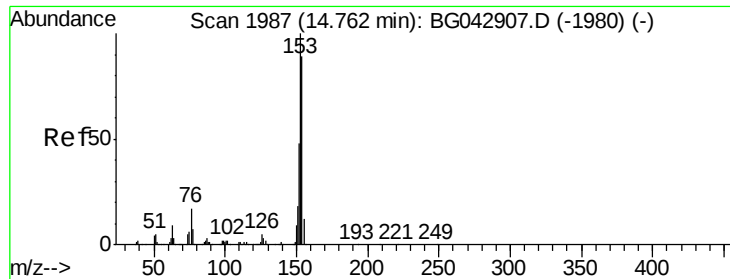
Abundance

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





#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

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP DL

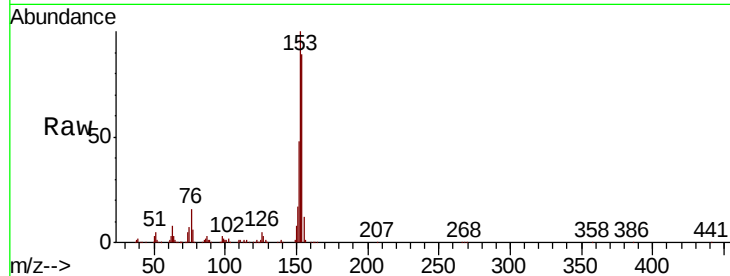
Tot Ion:154 Resp: 298960

Ion Ratio Lower Upper

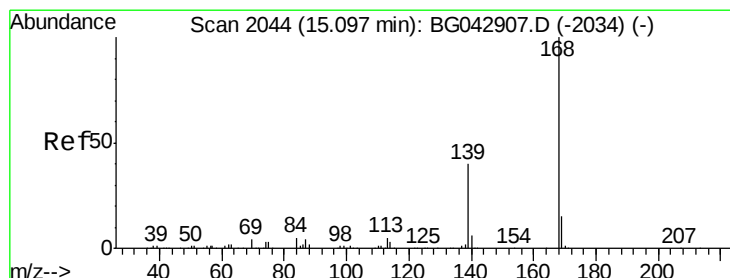
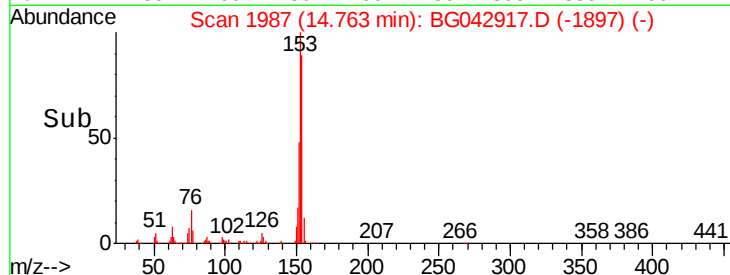
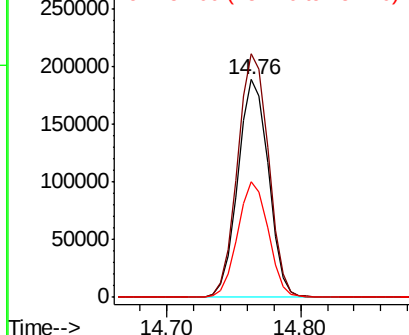
154 100

153 111.9 89.9 134.9

152 53.4 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: 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

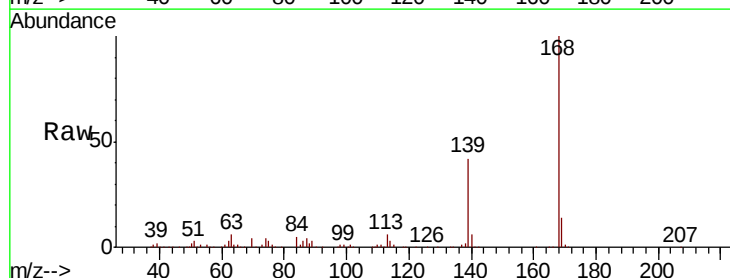
Tgt Ion:168 Resp: 286626

Ion Ratio Lower Upper

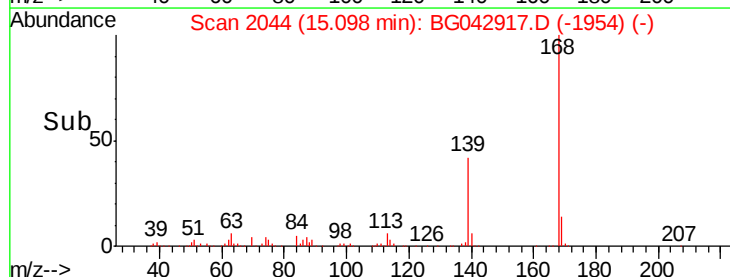
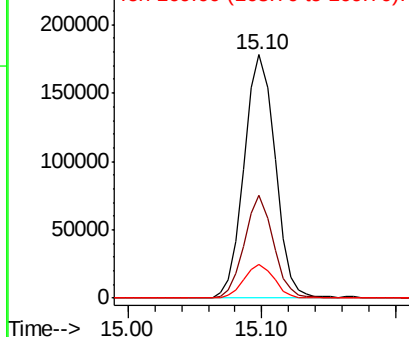
168 100

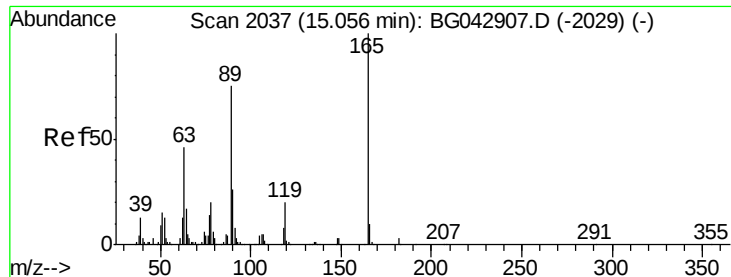
139 42.0 32.4 48.6

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

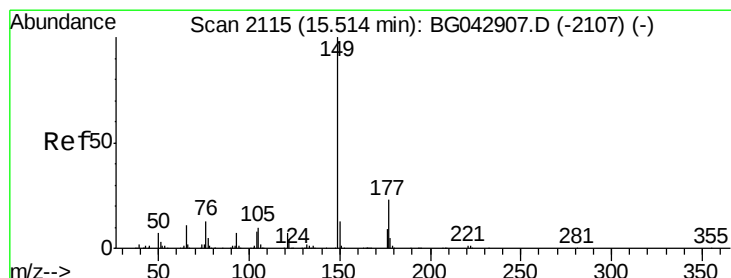
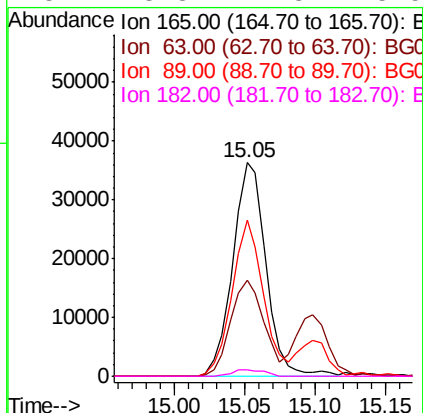
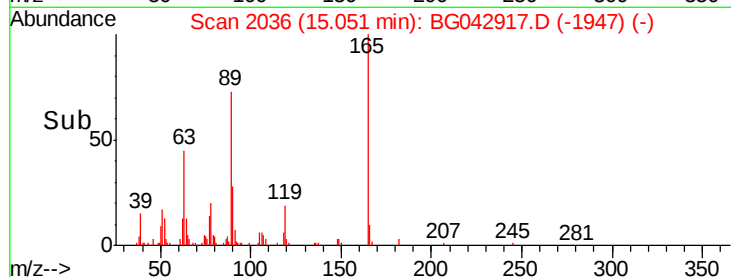
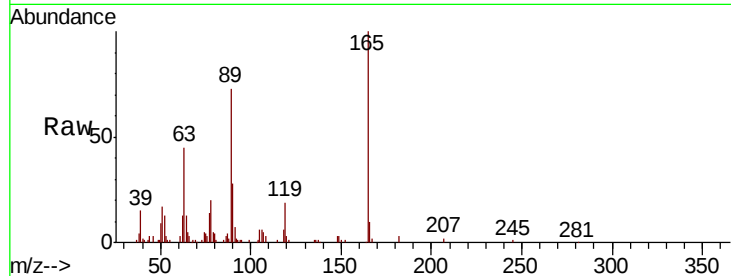




#57
2,4-Dinitrotoluene
Concen: 18.442 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

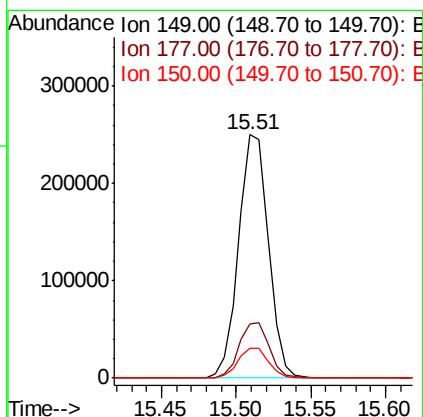
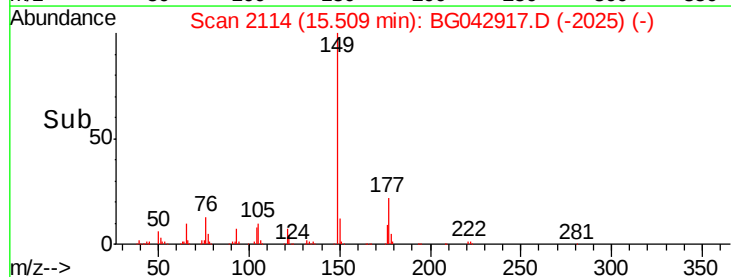
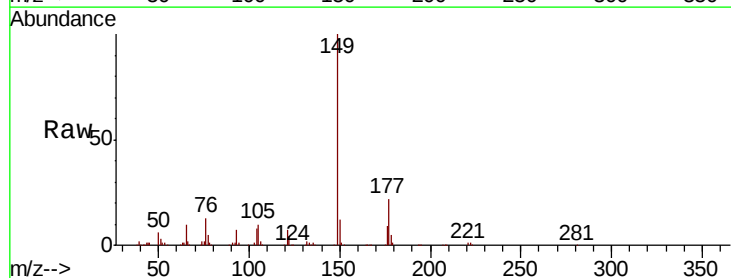
Instrument :
BNA_G
ClientSampleId :
PT-BN-WP DL

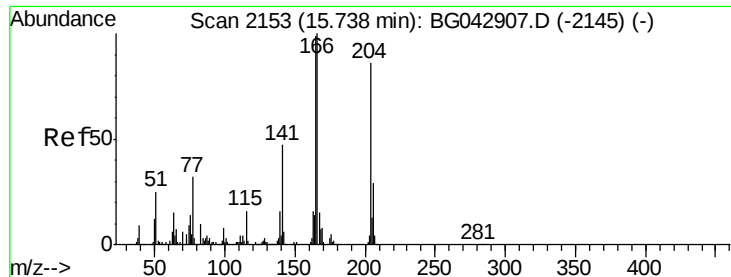
Tot Ion:165 Resp: 59539
Ion Ratio Lower Upper
165 100
63 44.8 37.4 56.0
89 73.1 59.8 89.8
182 3.3 2.3 3.5



#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

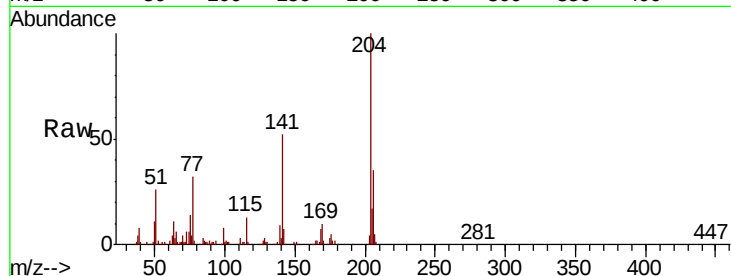




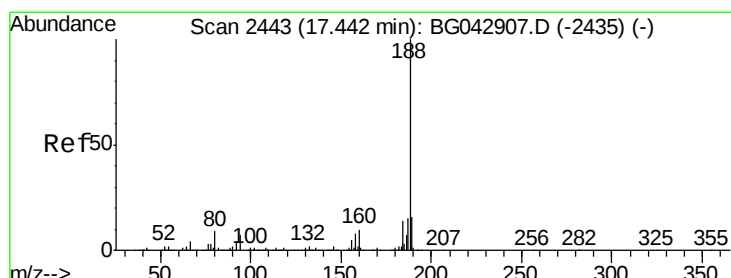
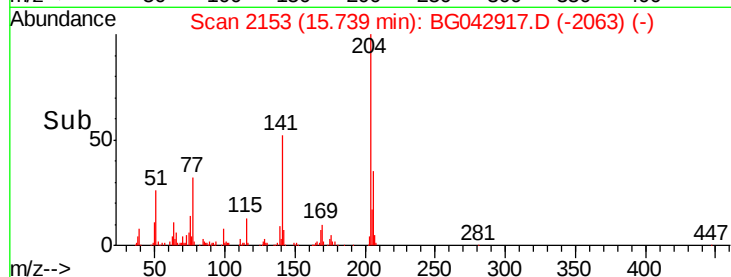
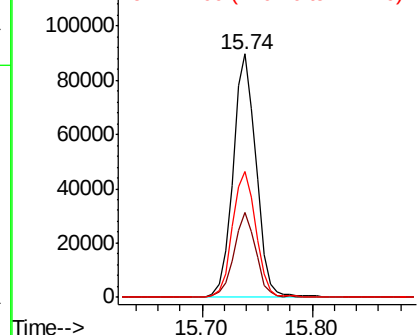
#61
 4-Chlorophenyl-phenylether
 Concen: 21.103 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: BG042917.D
 Acq: 23 Sep 2019 17:25

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP DL

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

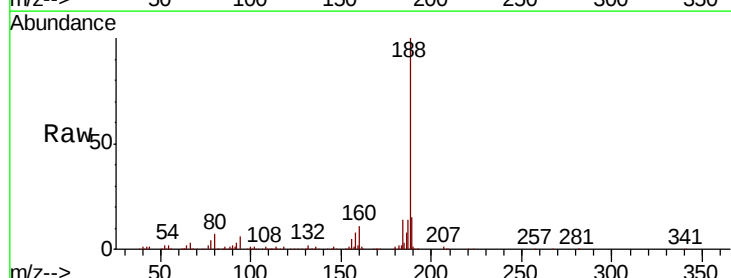


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

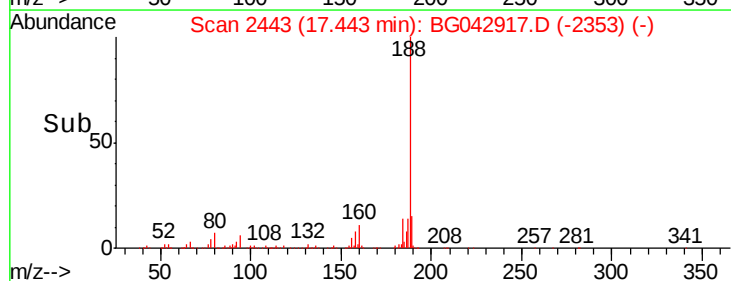
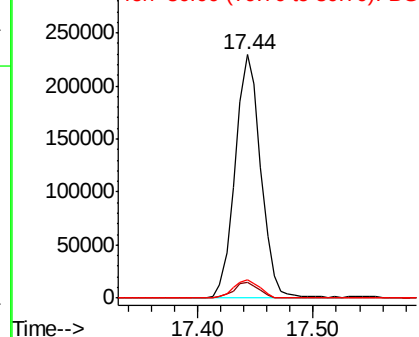


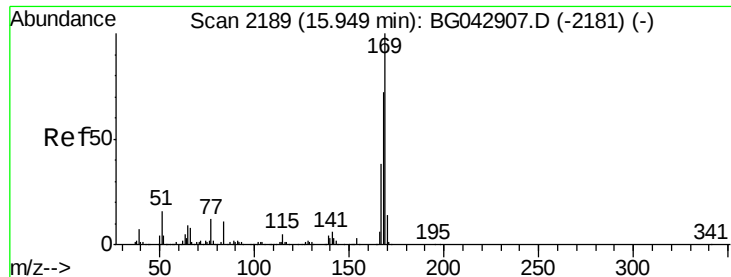
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG042917.D
 Acq: 23 Sep 2019 17:25

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

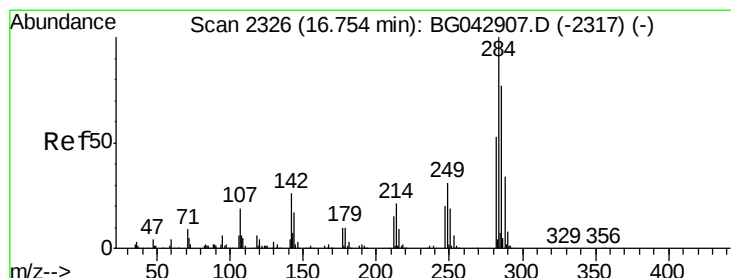
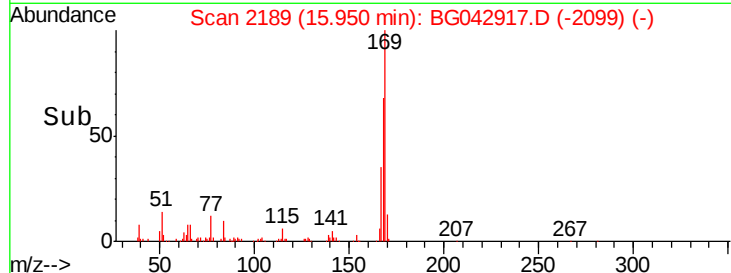
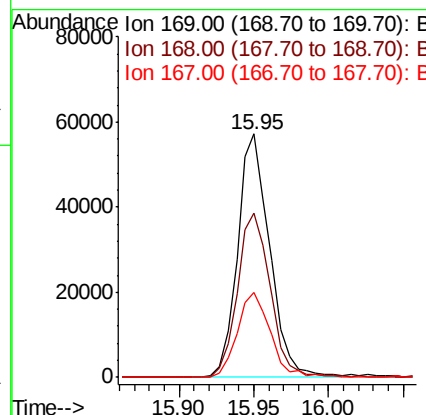
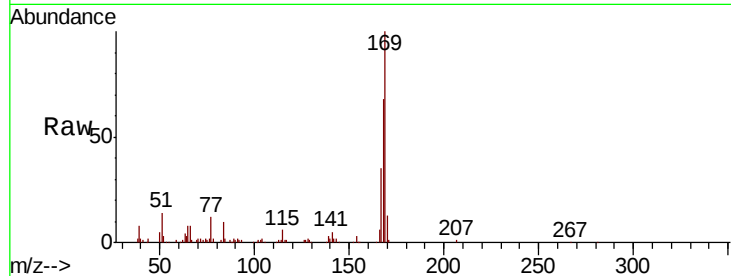




#66
 n-Nitrosodiphenylamine
 Concen: 8.995 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. 0.00 min
 Lab File: BG042917.D
 Acq: 23 Sep 2019 17:25

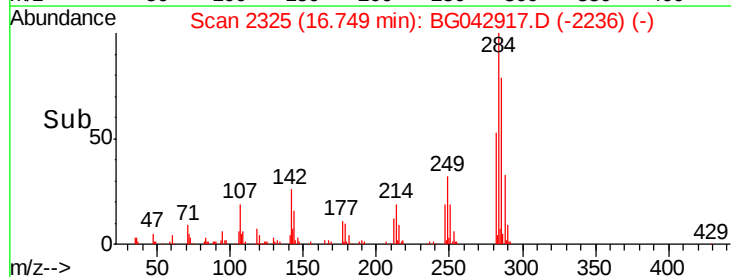
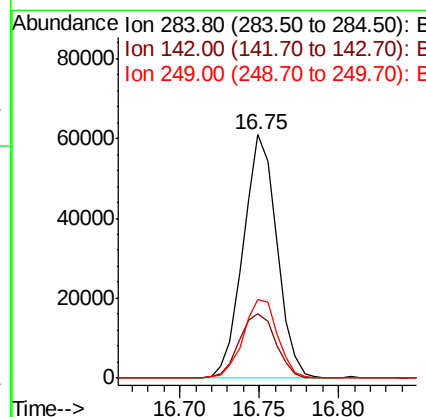
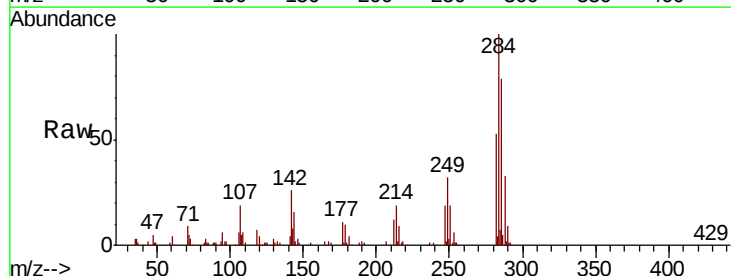
Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP DL

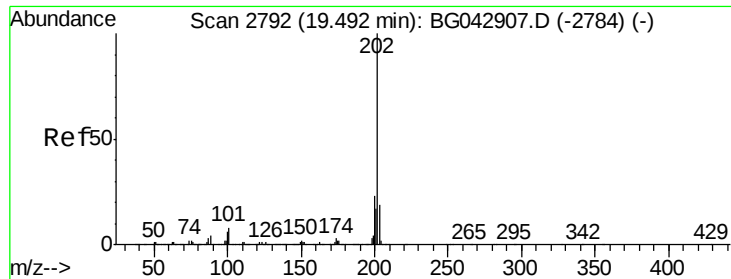
Tot Ion	169	Resp	85538
Ion Ratio	Lower	Upper	
169	100		
168	67.6	57.4	86.2
167	34.8	30.3	45.5



#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





#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

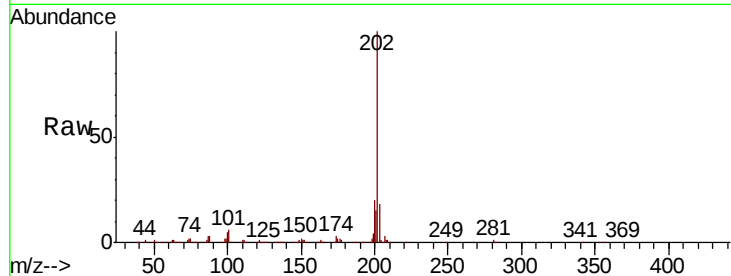
Instrument :

BNA_G

ClientSampleId :

PT-BN-WP DL

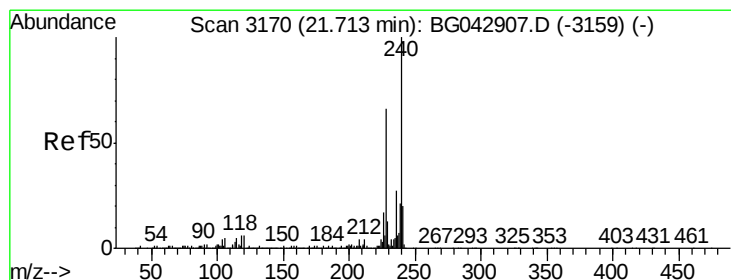
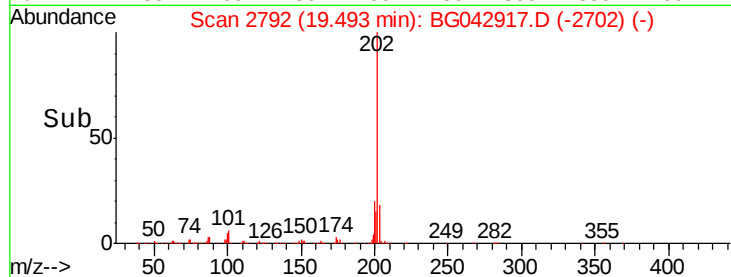
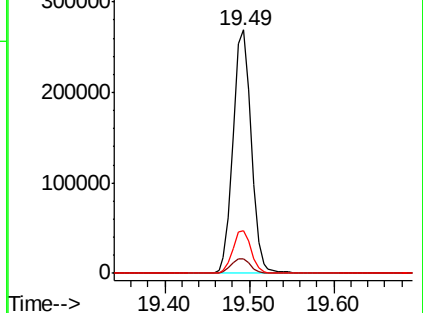
Tot Ion:	202	Resp:	396407
Ion Ratio	Lower	Upper	
202	100		
101	5.7	0.0	27.7
203	17.7	0.0	38.7



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

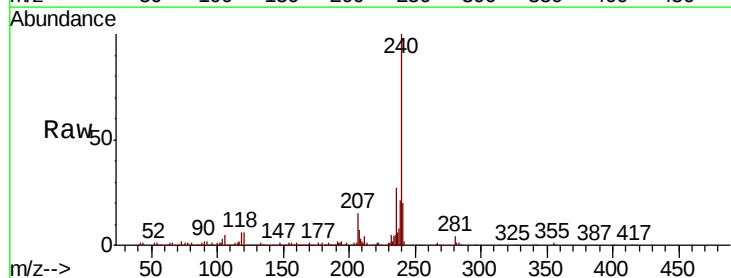
RT: 21.71 min Scan# 3170

Delta R.T. 0.00 min

Lab File: BG042917.D

Acq: 23 Sep 2019 17:25

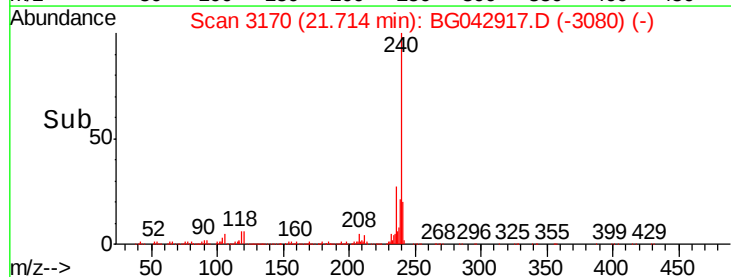
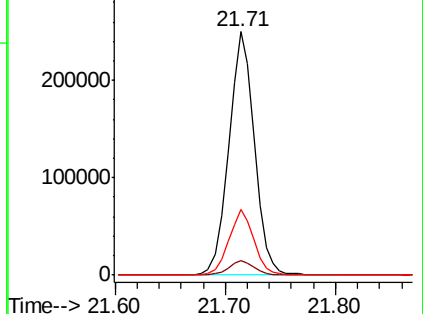
Tgt Ion:	240	Resp:	405909
Ion Ratio	Lower	Upper	
240	100		
120	6.1	5.2	7.8
236	27.2	21.7	32.5

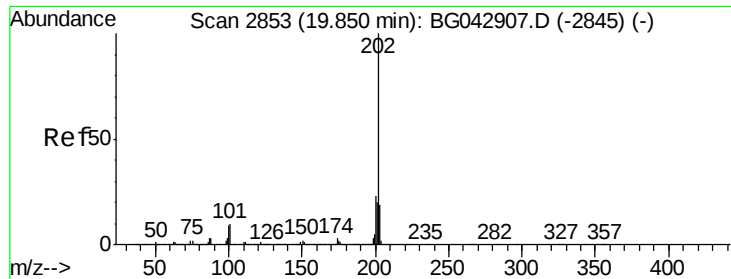


Abundance Ion 240.00 (239.70 to 240.70): E

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 :

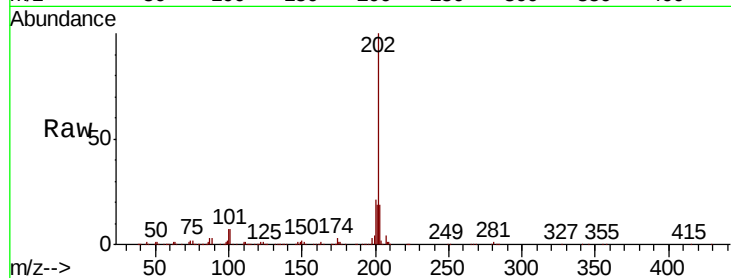
BNA_G

ClientSampleId :

PT-BN-WP DL

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

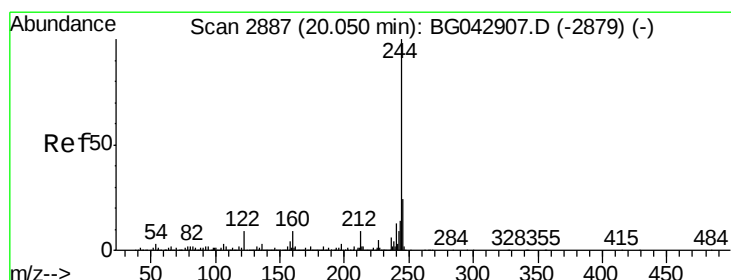
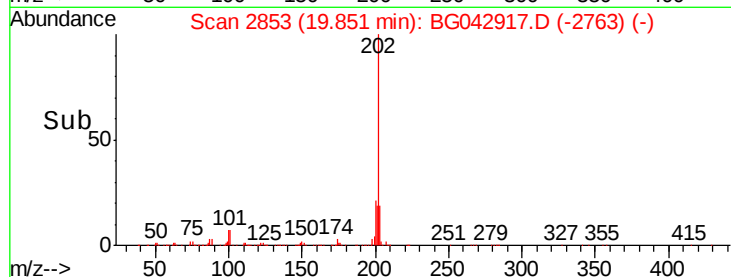
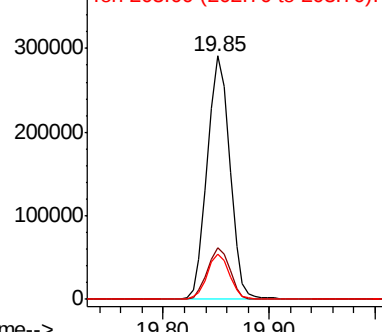


Abundance

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

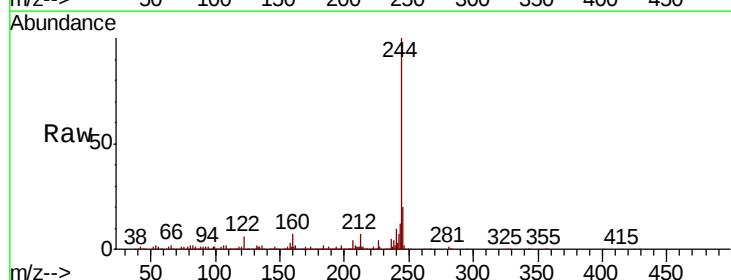
Delta R.T. 0.00 min

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#

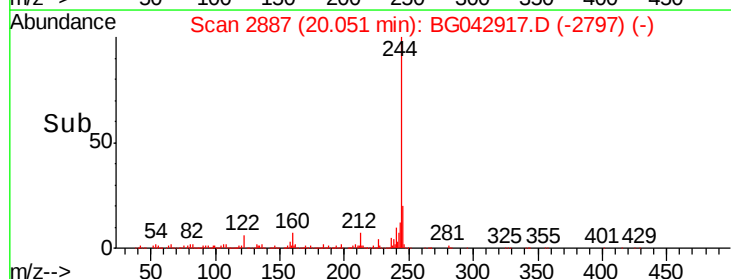
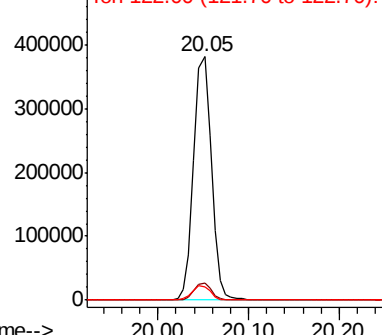


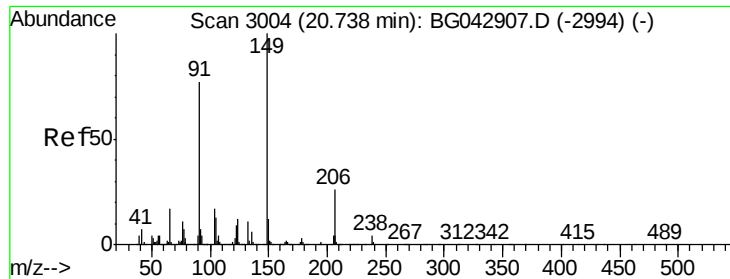
Abundance

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

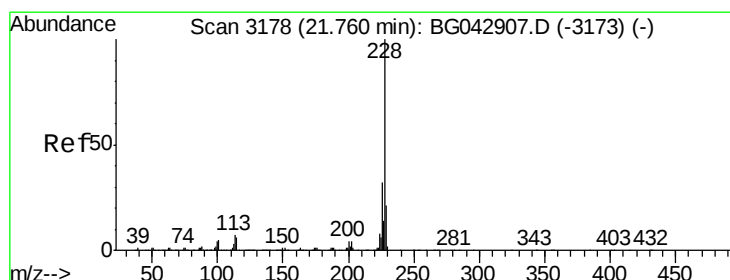
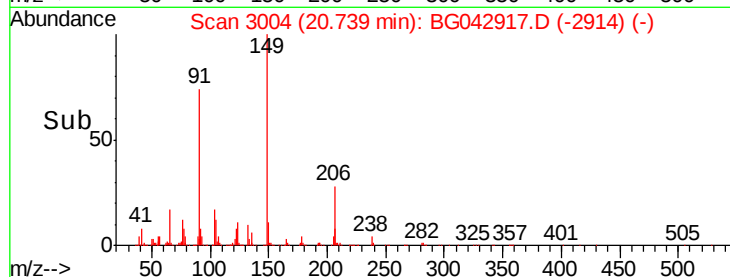
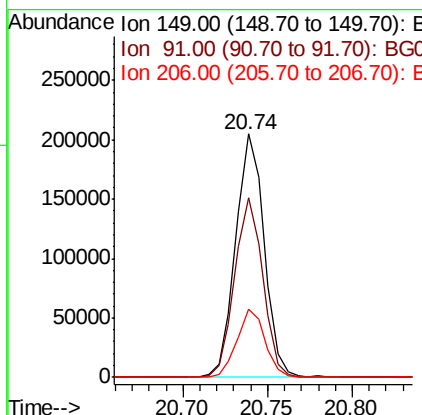
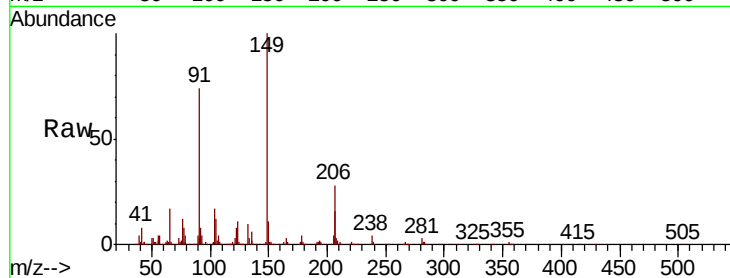




#80
Butylbenzylphthalate
Concen: 25.813 ng
RT: 20.74 min Scan# 3004
Delta R.T. 0.00 min
Lab File: BG042917.D
Acq: 23 Sep 2019 17:25

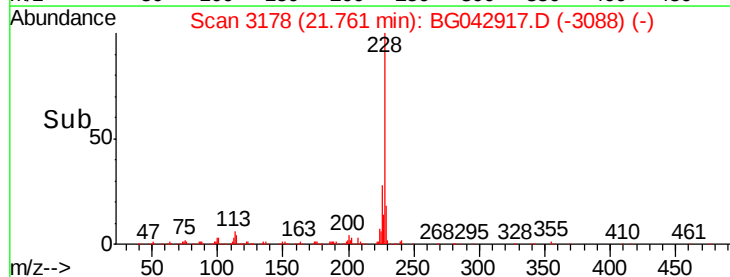
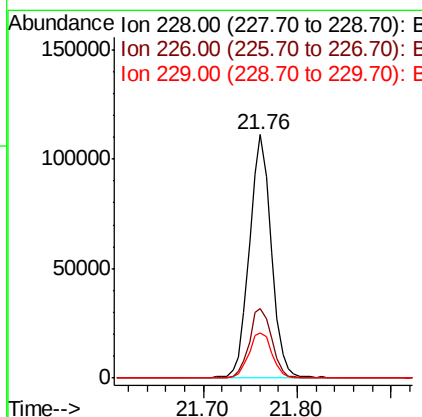
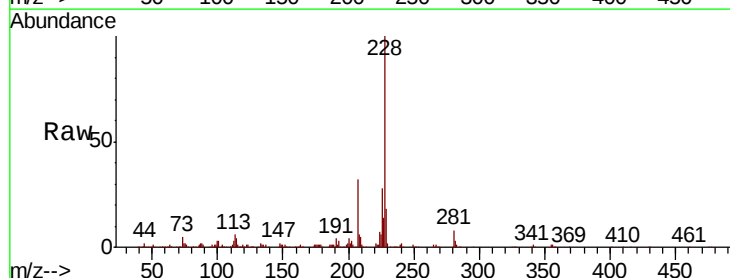
Instrument :
BNA_G
ClientSampleID :
PT-BN-WP DL

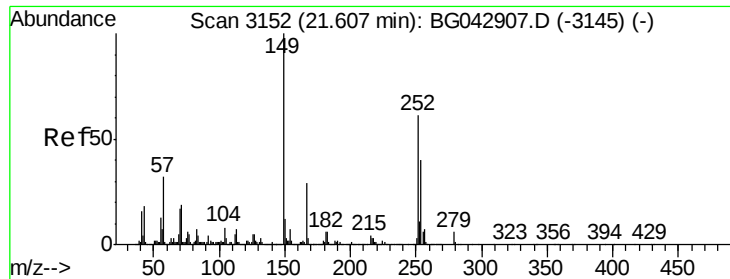
Tot Ion:149 Resp: 241313
Ion Ratio Lower Upper
149 100
91 73.9 61.4 92.2
206 27.9 21.0 31.6



#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

Tgt Ion:228 Resp: 179973
Ion Ratio Lower Upper
228 100
226 28.4 25.3 37.9
229 18.5 16.5 24.7





#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

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP DL

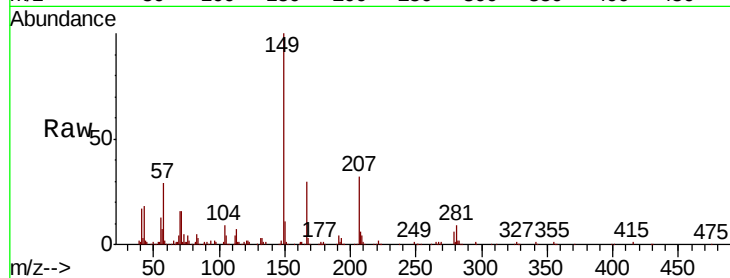
Tot Ion:149 Resp: 142361

Ion Ratio Lower Upper

149 100

167 30.3 23.4 35.0

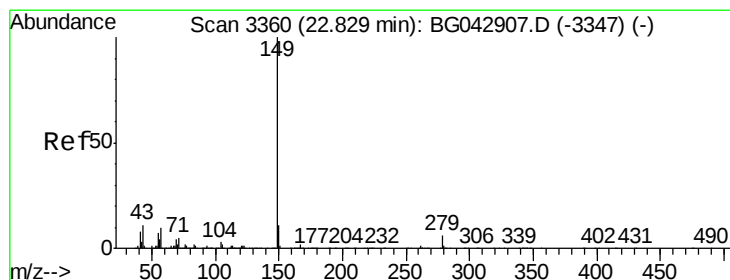
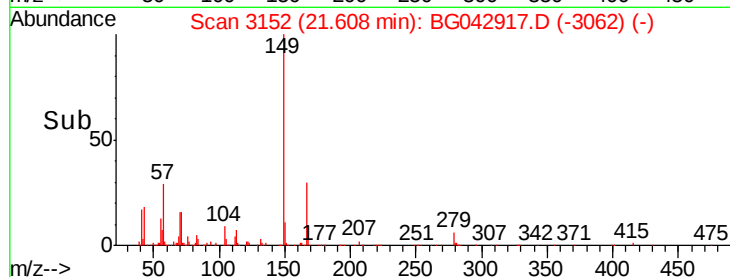
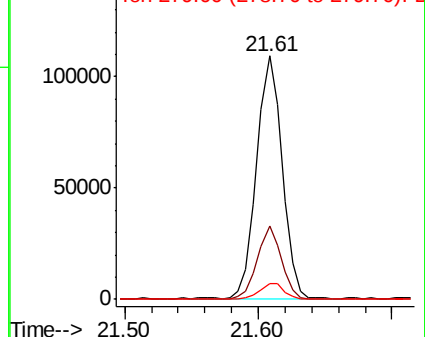
279 6.3 4.9 7.3



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

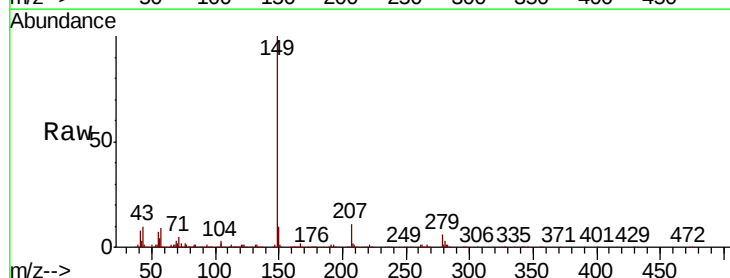
Tgt Ion:149 Resp: 563961

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

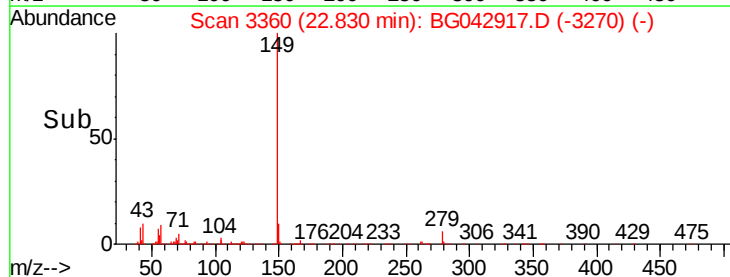
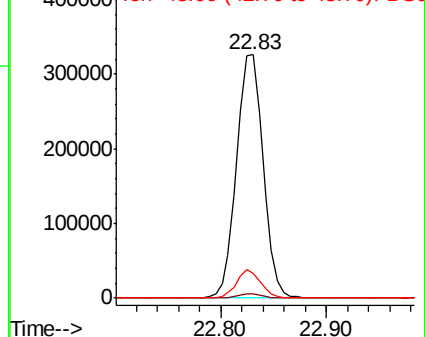
43 10.8 9.1 13.7

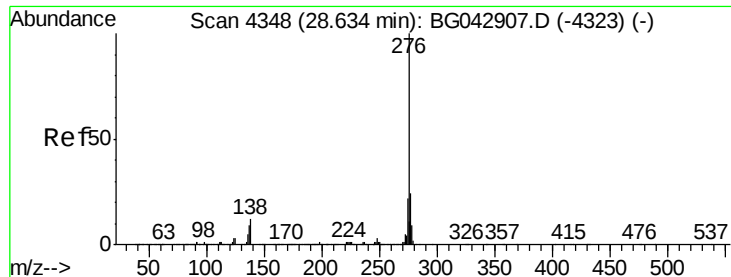


Abundance Ion 149.00 (148.70 to 149.70): E

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: 8.985 ng

RT: 28.63 min Scan# 4347

Delta R.T. -0.00 min

Lab File: BG042917.D

Acq: 23 Sep 2019 17:25

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP DL

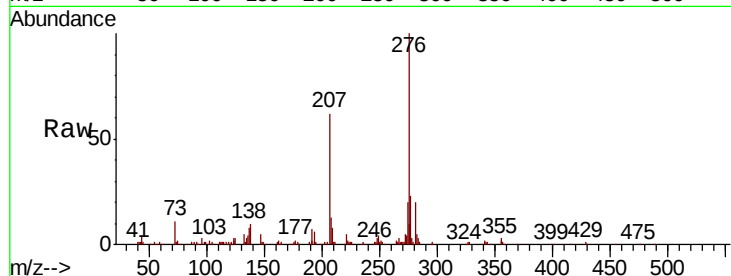
Tot Ion:276 Resp: 270786

Ion Ratio Lower Upper

276 100

138 5.6 12.2 18.2#

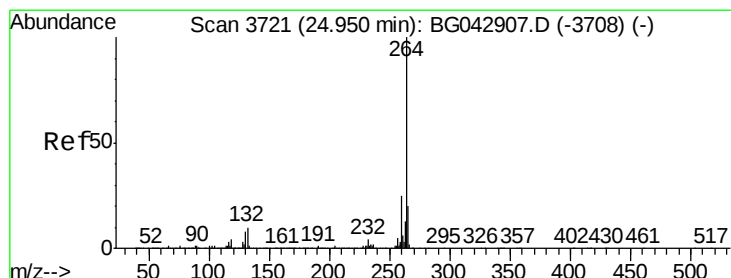
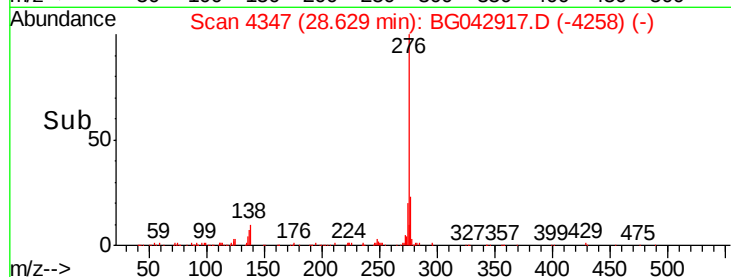
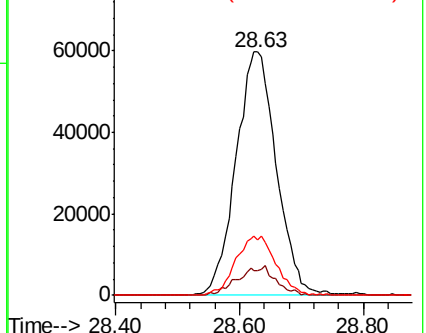
277 24.2 20.9 31.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-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

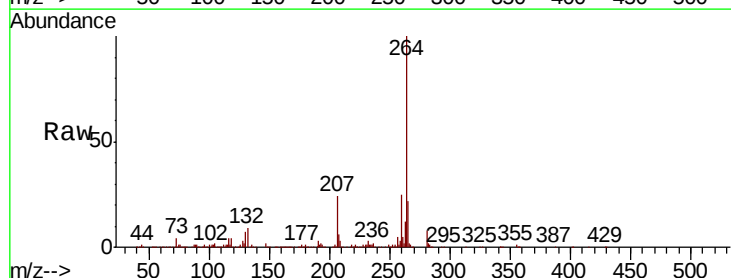
Tgt Ion:264 Resp: 460793

Ion Ratio Lower Upper

264 100

260 24.6 20.4 30.6

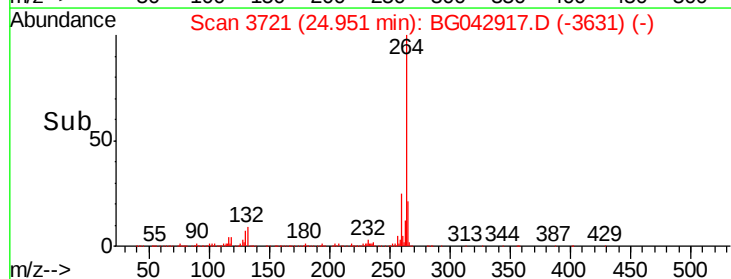
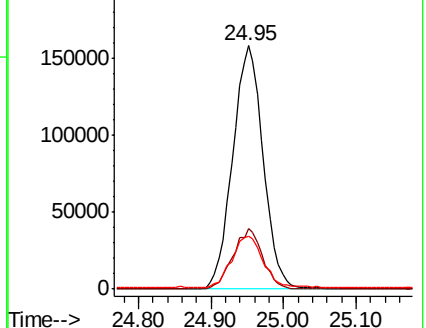
265 21.8 17.0 25.4

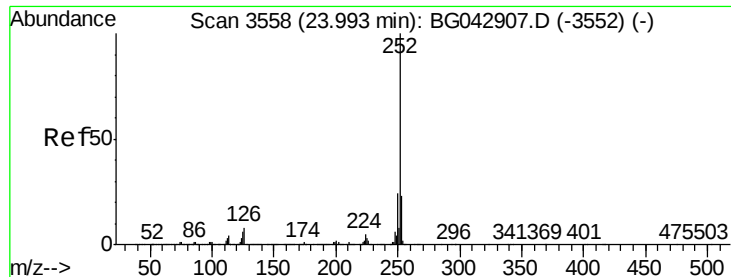


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#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 :

PT-BN-WP DL

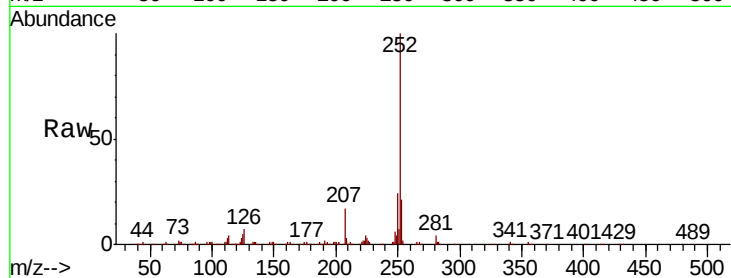
Tot Ion:252 Resp: 565025

Ion Ratio Lower Upper

252 100

253 21.4 18.2 27.2

125 5.4 5.0 7.6

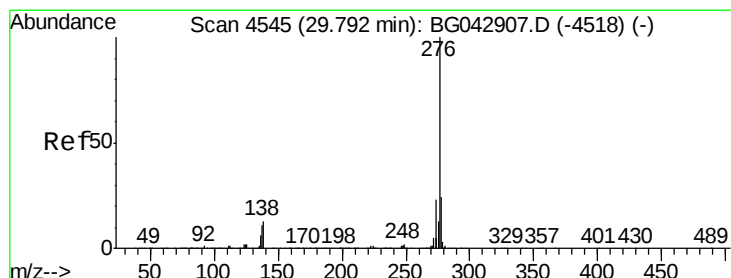
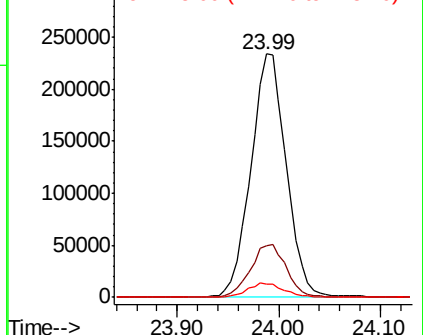
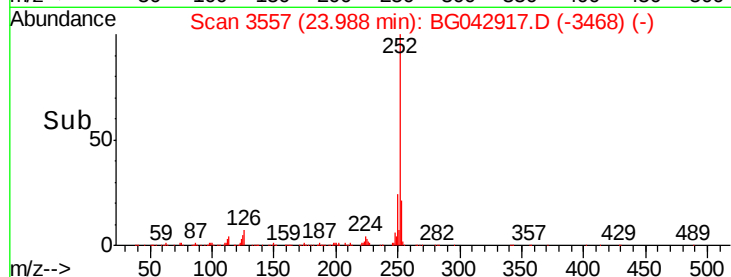


Abundance

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



#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

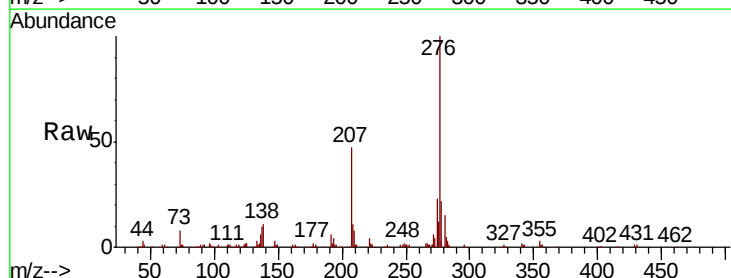
Tgt Ion:276 Resp: 377318

Ion Ratio Lower Upper

276 100

277 22.3 19.2 28.8

138 10.8 10.6 15.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

