

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092519\
 Data File : BG042931.D
 Acq On : 25 Sep 2019 17:33
 Operator : JU
 Sample : K4839-03DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WPDL

Quant Time: Sep 25 18:12:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	54871	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	205671	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	147088	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	364332	20.00	ng	0.00
76) Chrysene-d12	21.71	240	415434	20.00	ng	0.00
87) Perylene-d12	24.94	264	460940	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	86149	28.02	ng	0.00
7) Phenol-d6	7.24	99	121690	27.48	ng	0.00
23) Nitrobenzene-d5	9.23	82	78740	18.61	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	61106	24.16	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	218317	21.52	ng	0.00
79) Terphenyl-d14	20.05	244	492102	25.24	ng	0.00

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.87	42	36689	21.160	ng	97
12) 1,3-Dichlorobenzene	7.96	146	76544	18.713	ng	99
13) 1,4-Dichlorobenzene	8.11	146	91742	22.499	ng	98
14) 1,2-Dichlorobenzene	8.43	146	48633	12.527	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.61	45	59018	9.777	ng	98
18) Hexachloroethane	9.16	117	44245	28.811	ng	97
19) n-Nitroso-di-n-propylamine	8.88	70	48449	16.664	ng	# 94
24) Nitrobenzene	9.27	77	85723	21.239	ng	97
25) Isophorone	9.80	82	26542	3.571	ng	# 95
28) bis(2-Chloroethoxy)methane	10.28	93	27833	6.600	ng	95
30) 1,2,4-Trichlorobenzene	10.74	180	55250	13.037	ng	98
34) Hexachlorobutadiene	11.22	225	87754	27.655	ng	94
37) 2-Methylnaphthalene	12.53	142	137719	17.831	ng	97
41) Hexachlorocyclopentadiene	12.88	237	73208	20.776	ng	95
47) 2-Chloronaphthalene	13.57	162	74951	8.962	ng	97
49) Acenaphthylene	14.42	152	375806	29.368	ng	98
50) Dimethylphthalate	14.14	163	304316	27.613	ng	98
51) 2,6-Dinitrotoluene	14.26	165	19215	8.187	ng	96
52) Acenaphthene	14.76	154	274606	32.060	ng	99
55) Dibenzofuran	15.09	168	264525	20.877	ng	99
57) 2,4-Dinitrotoluene	15.05	165	53130	15.459	ng	94
60) Diethylphthalate	15.51	149	321211	28.639	ng	100
61) 4-Chlorophenyl-phenylether	15.73	204	119751	18.458	ng	95
66) n-Nitrosodiphenylamine	15.95	169	77990	8.109	ng	98
68) Hexachlorobenzene	16.75	284	84639	16.624	ng	98
75) Fluoranthene	19.48	202	374055	15.899	ng	98
78) Pyrene	19.85	202	413369	16.671	ng	98
80) Butylbenzylphthalate	20.73	149	237428	25.227	ng	99
83) Chrysene	21.76	228	171251	6.817	ng	97
84) Bis(2-ethylhexyl)phthalate	21.60	149	137896	10.297	ng	94
85) Di-n-octyl phthalate	22.82	149	524661	23.958	ng	100
86) Indeno(1,2,3-cd)pyrene	28.61	276	246682	7.888	ng	# 95
89) Benzo(k)fluoranthene	23.98	252	534794	20.727	ng	99
92) Benzo(g,h,i)perylene	29.77	276	337494	13.805	ng	97

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QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

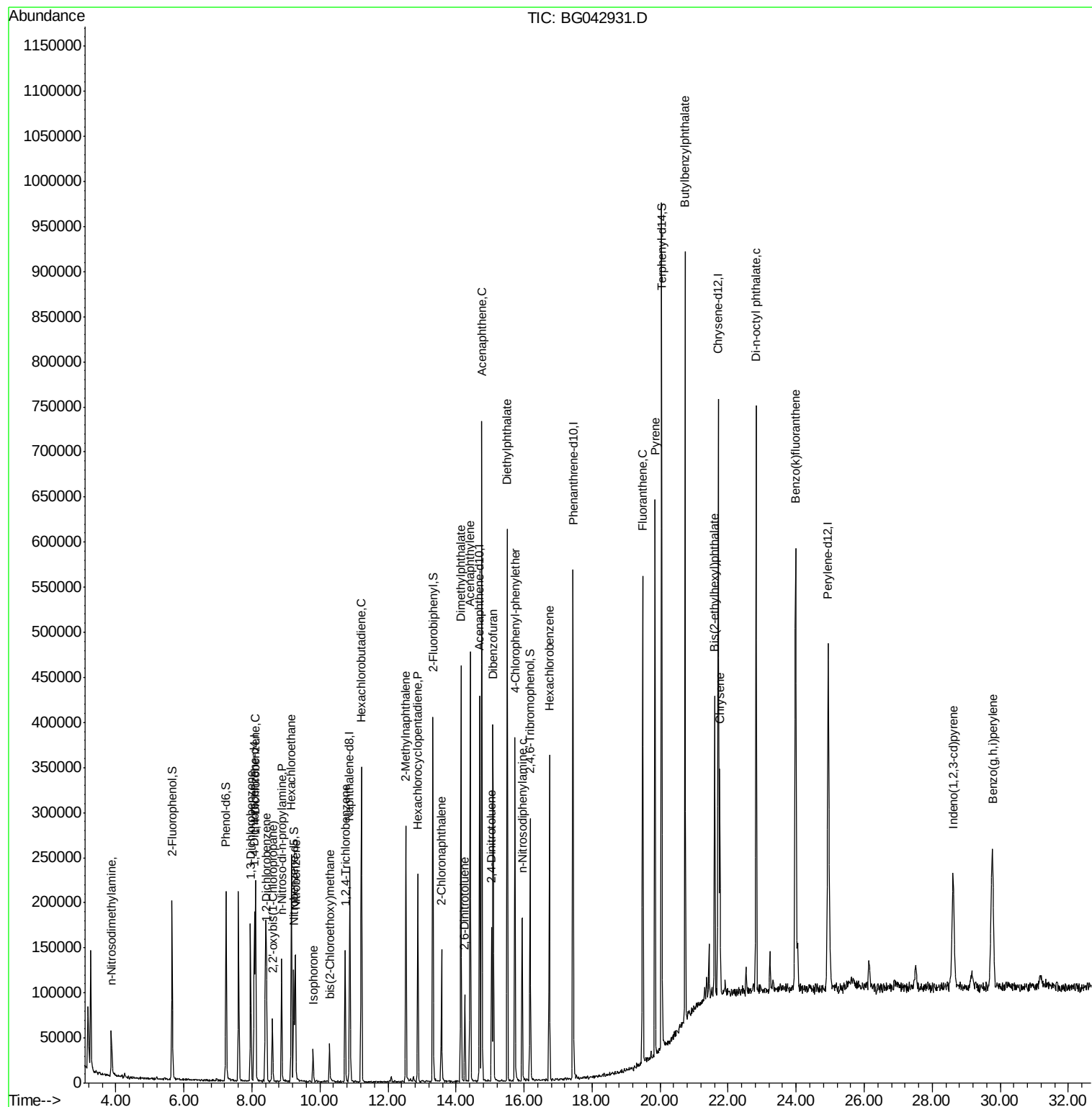
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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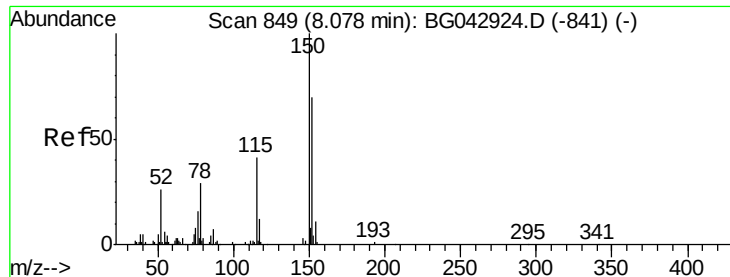
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BG042931.D

Acq: 25 Sep 2019 17:33

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

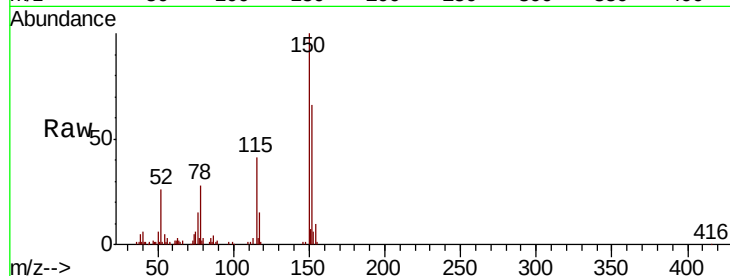
Tot Ion:152 Resp: 54871

Ion Ratio Lower Upper

152 100

150 150.6 115.0 172.4

115 61.1 47.0 70.6

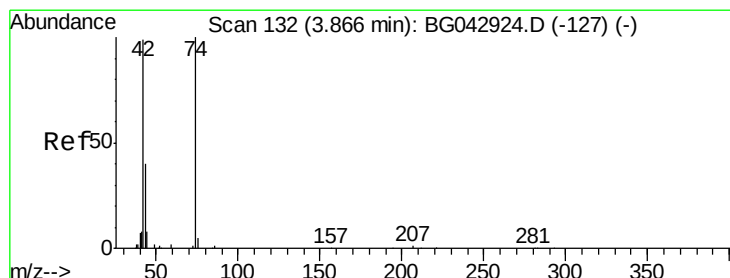
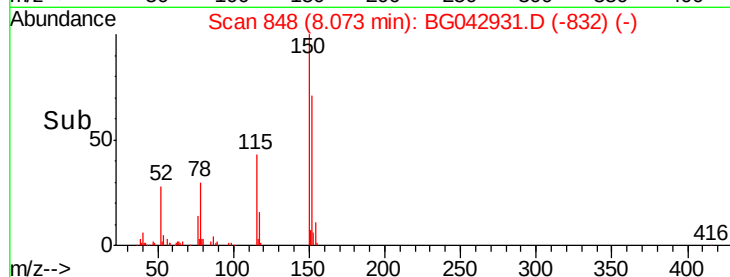
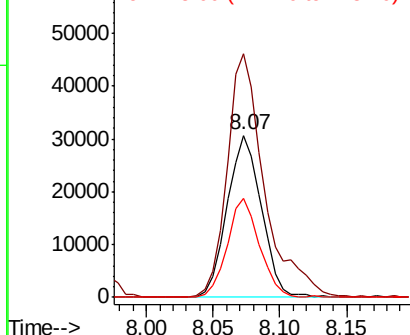


Abundance

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: 21.160 ng

RT: 3.87 min Scan# 133

Delta R.T. 0.01 min

Lab File: BG042931.D

Acq: 25 Sep 2019 17:33

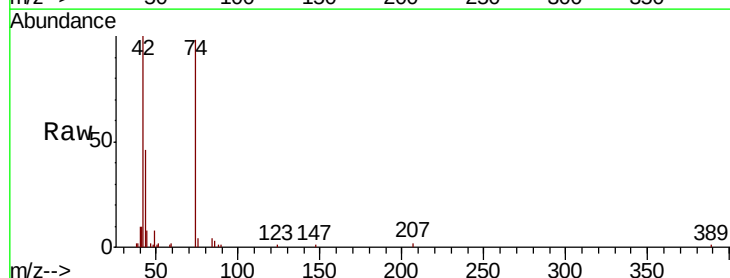
Tgt Ion: 42 Resp: 36689

Ion Ratio Lower Upper

42 100

74 97.5 80.5 120.7

44 8.0 6.9 10.3

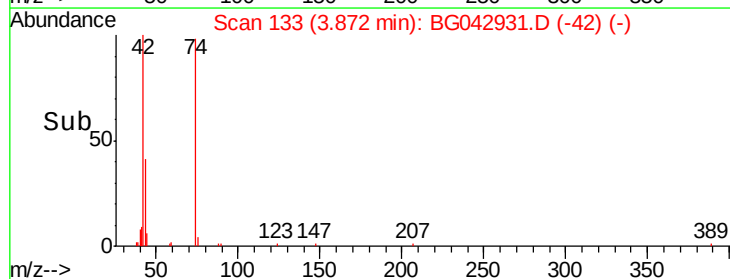
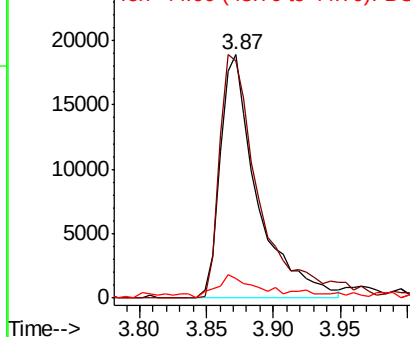


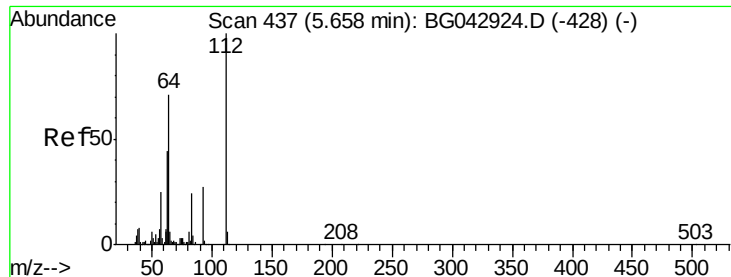
Abundance

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: 28.019 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG042931.D

Acq: 25 Sep 2019 17:33

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

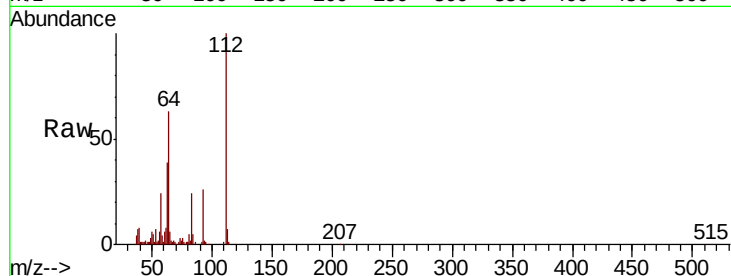
Tot Ion:112 Resp: 86149

Ion Ratio Lower Upper

112 100

64 63.3 56.6 84.8

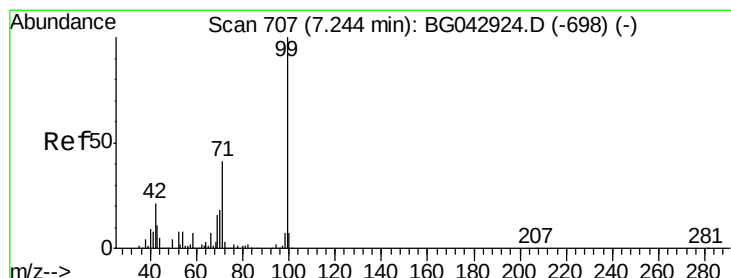
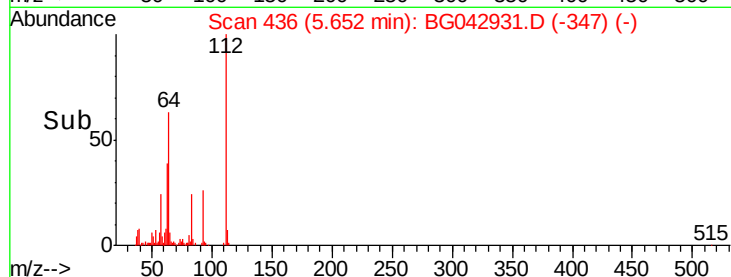
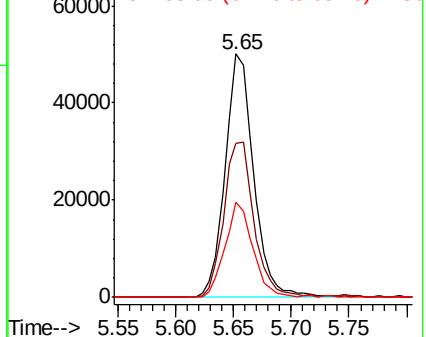
63 39.1 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 27.484 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG042931.D

Acq: 25 Sep 2019 17:33

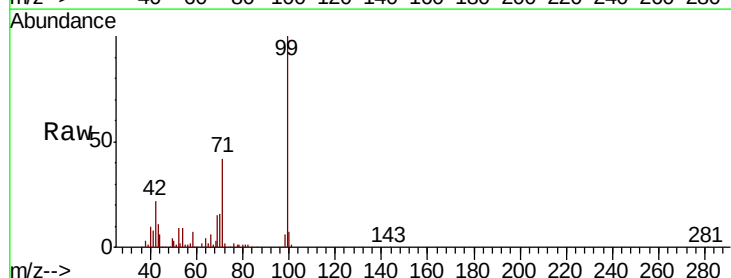
Tgt Ion: 99 Resp: 121690

Ion Ratio Lower Upper

99 100

42 21.6 17.2 25.8

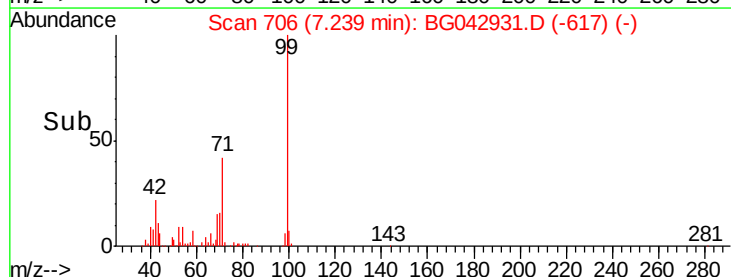
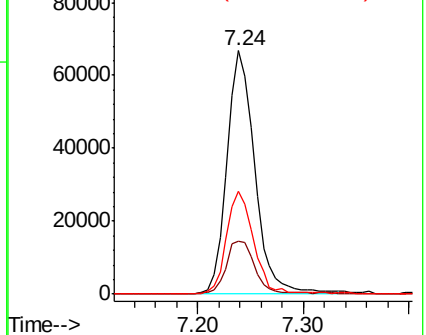
71 42.4 33.1 49.7

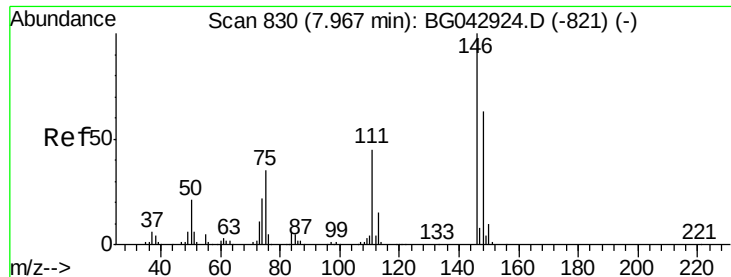


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#12

1,3-Dichlorobenzene

Concen: 18.713 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BG042931.D

Acq: 25 Sep 2019 17:33

Instrument :

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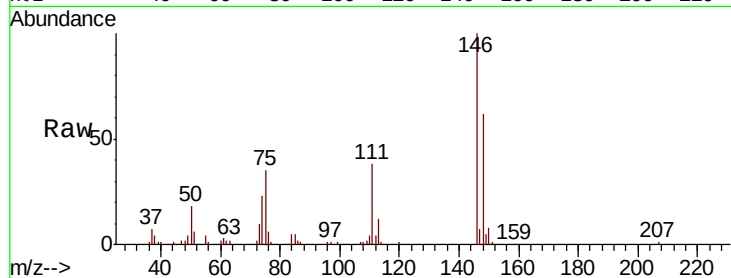
Tot Ion:146 Resp: 76544

Ion Ratio Lower Upper

146 100

148 62.1 50.7 76.1

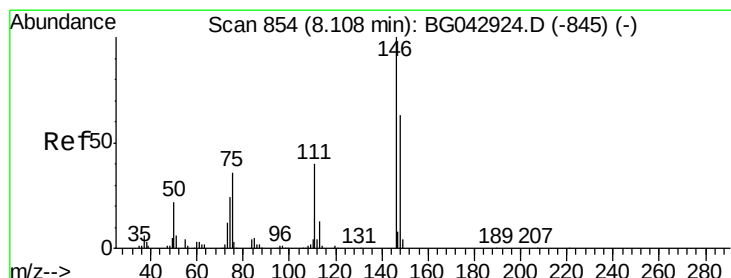
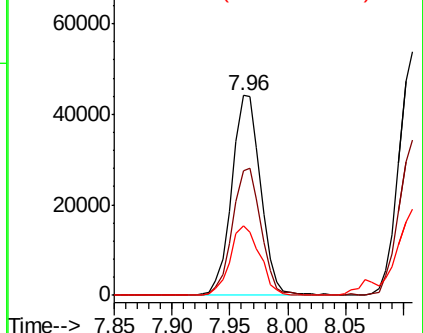
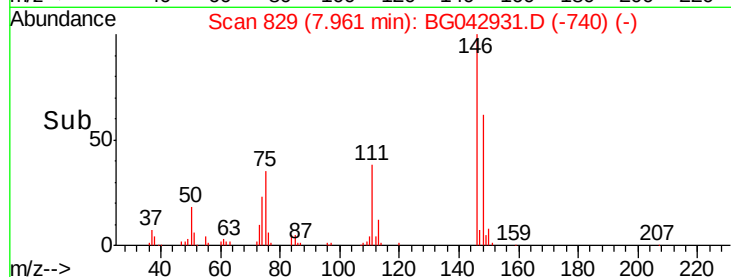
75 35.1 27.7 41.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC



#13

1,4-Dichlorobenzene

Concen: 22.499 ng

RT: 8.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BG042931.D

Acq: 25 Sep 2019 17:33

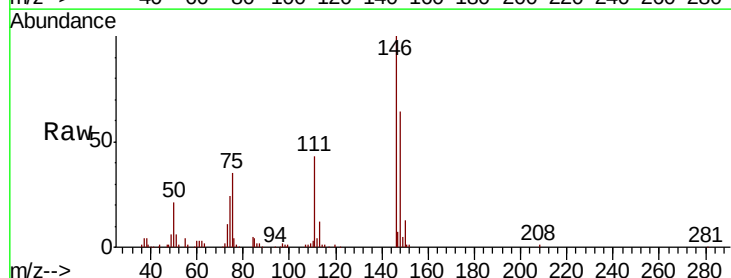
Tgt Ion:146 Resp: 91742

Ion Ratio Lower Upper

146 100

148 63.5 50.9 76.3

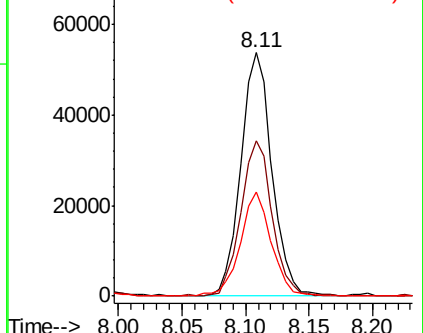
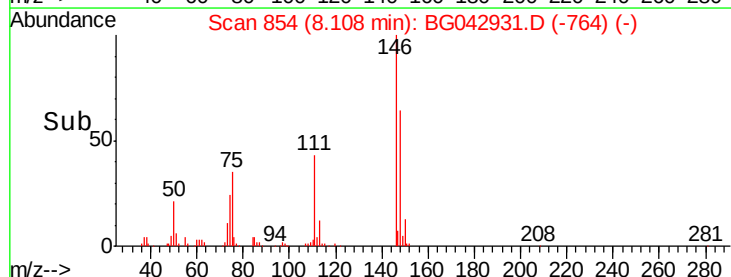
111 42.7 31.8 47.8

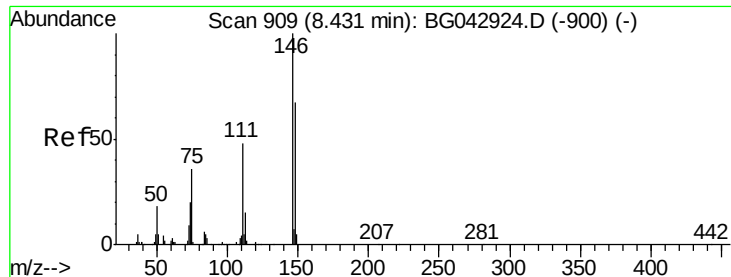


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

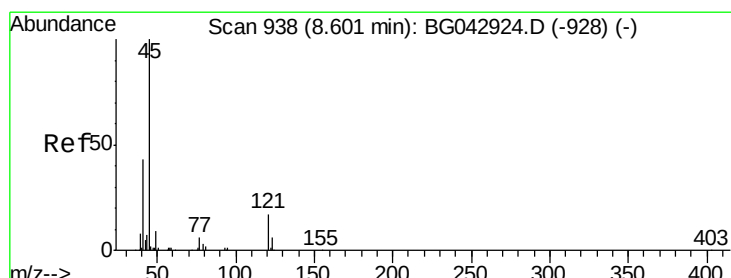
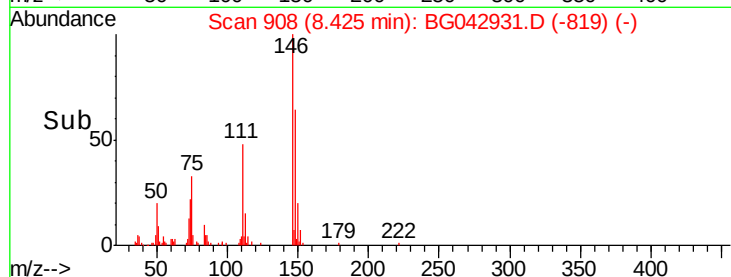
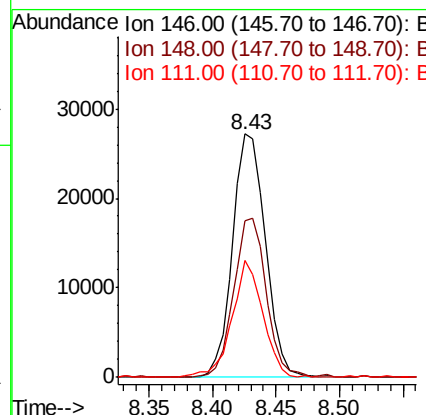
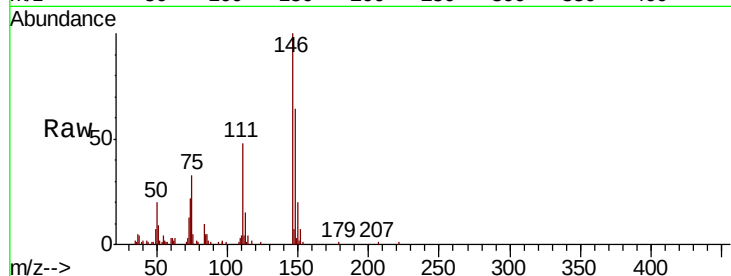




#14
 1,2-Dichlorobenzene
 Concen: 12.527 ng
 RT: 8.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BG042931.D
 Acq: 25 Sep 2019 17:33

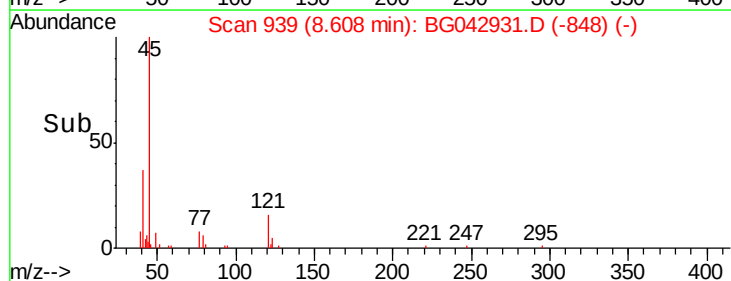
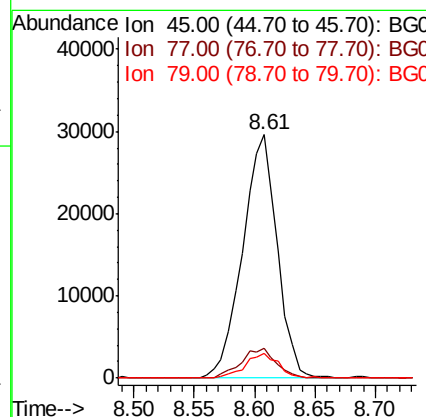
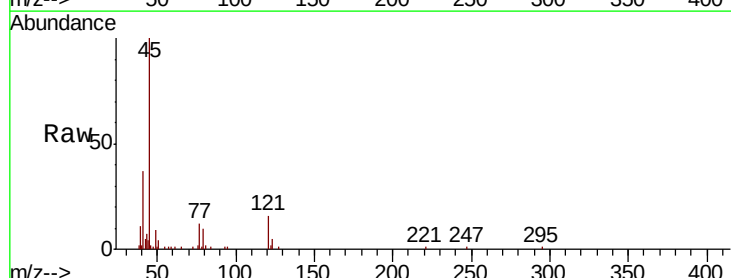
Instrument :
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 ClientSampleId :
 PT-BN-WPDL

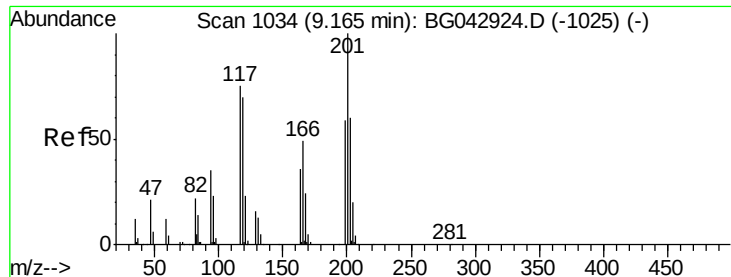
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	53.4	80.2
111	47.8	38.5	57.7



#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 9.777 ng
 RT: 8.61 min Scan# 939
 Delta R.T. 0.01 min
 Lab File: BG042931.D
 Acq: 25 Sep 2019 17:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	32.8
79	10.1	0.0	29.4

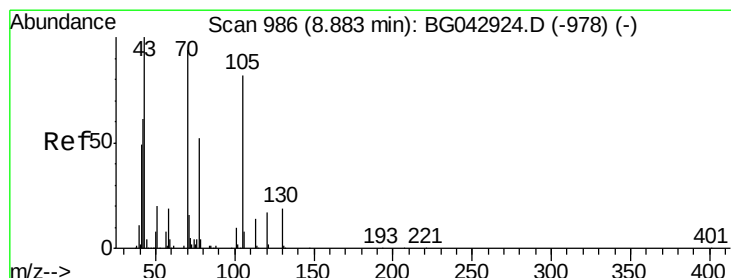
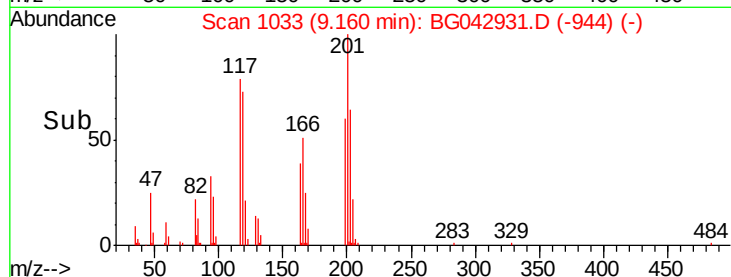
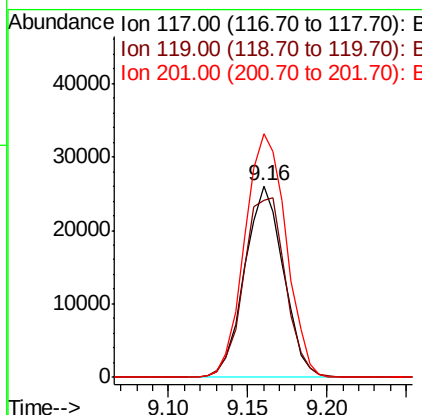
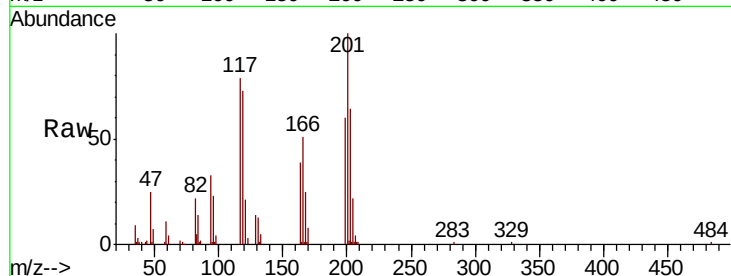




#18
Hexachloroethane
Concen: 28.811 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG042931.D
Acq: 25 Sep 2019 17:33

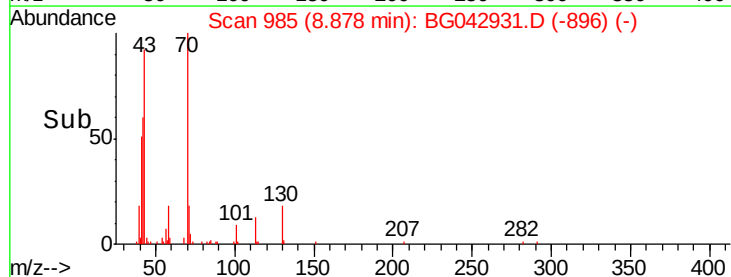
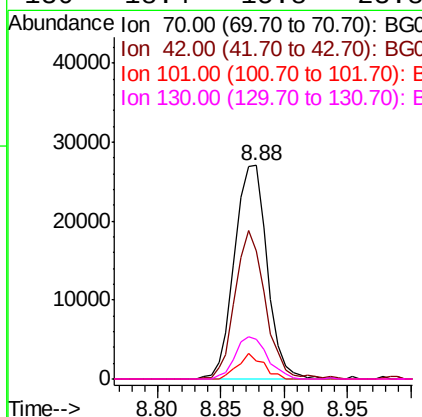
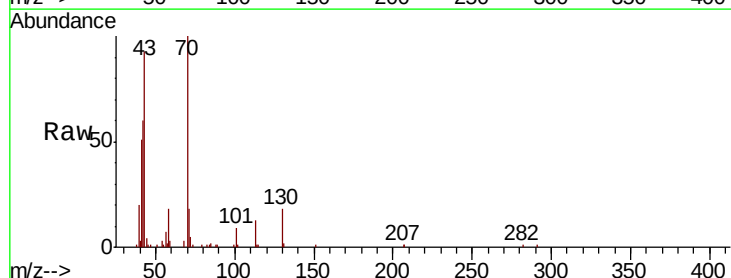
Instrument :
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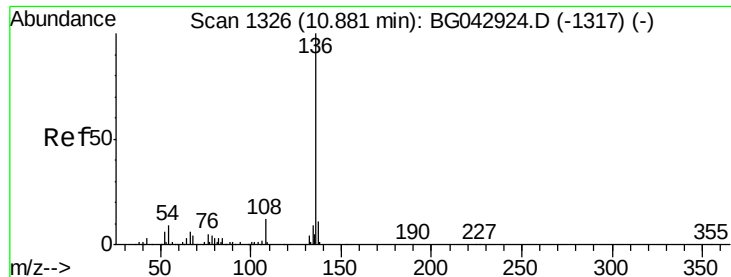
Tot Ion:117 Resp: 44245
Ion Ratio Lower Upper
117 100
119 92.5 74.6 111.8
201 127.2 106.0 159.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.664 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG042931.D
Acq: 25 Sep 2019 17:33

Tgt Ion: 70 Resp: 48449
Ion Ratio Lower Upper
70 100
42 59.8 52.6 79.0
101 8.5 8.7 13.1#
130 18.4 15.8 23.8

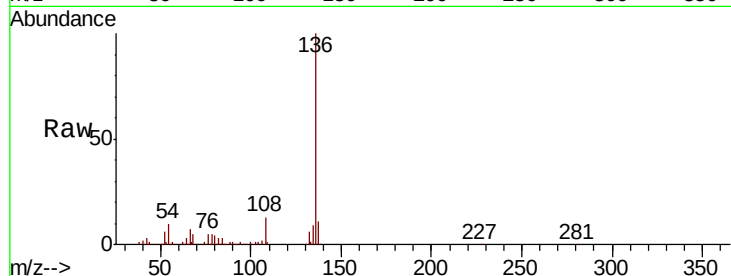




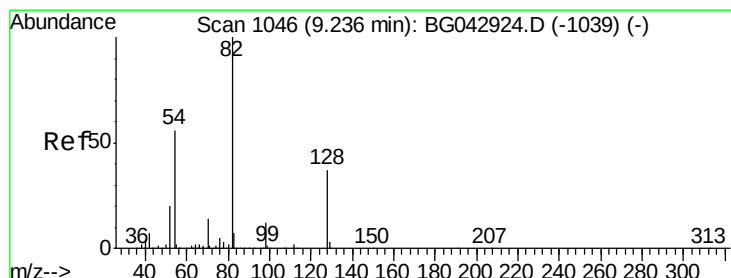
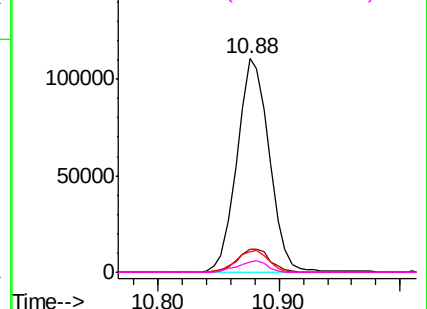
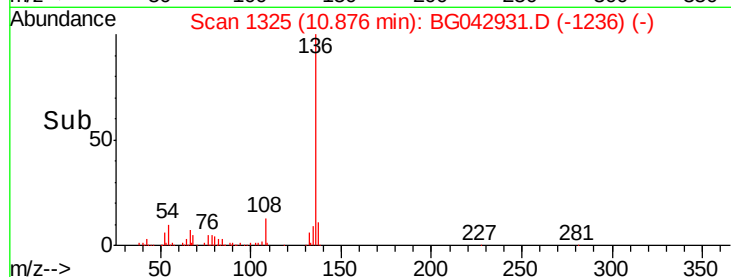
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042931.D
Acq: 25 Sep 2019 17:33

Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

Tot Ion:136	Resp:	205671
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.5 12.7
54	9.7	7.4 11.2
68	5.1	3.6 5.4

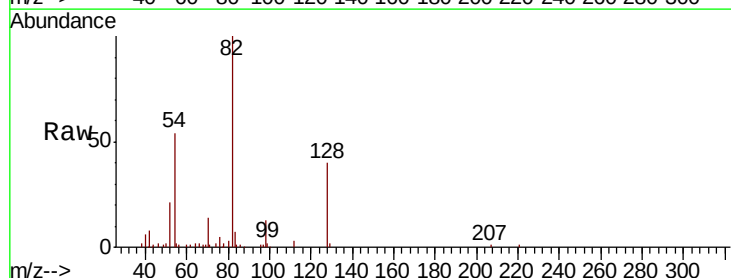


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

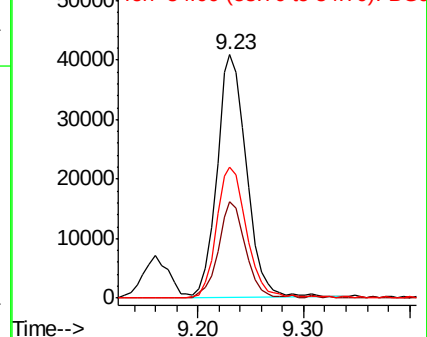
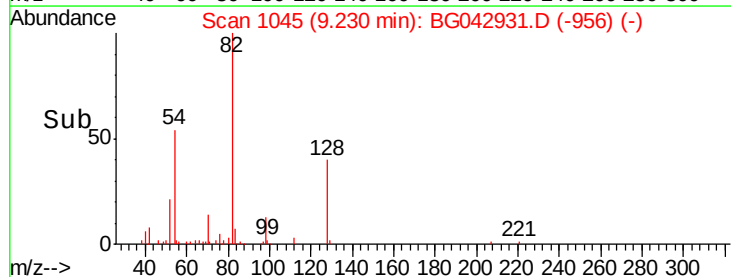


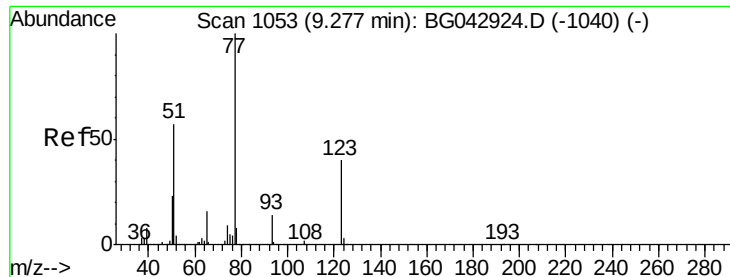
#23
Nitrobenzene-d5
Concen: 18.608 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042931.D
Acq: 25 Sep 2019 17:33

Tgt Ion: 82	Resp:	78740
Ion Ratio	Lower	Upper
82	100	
128	39.8	29.5 44.3
54	54.0	44.6 67.0



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

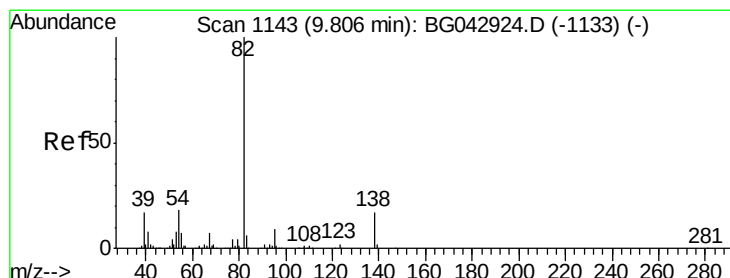
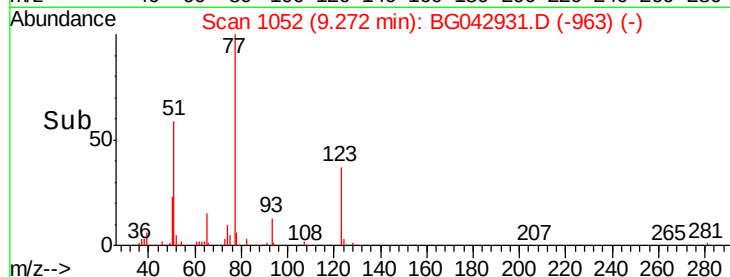
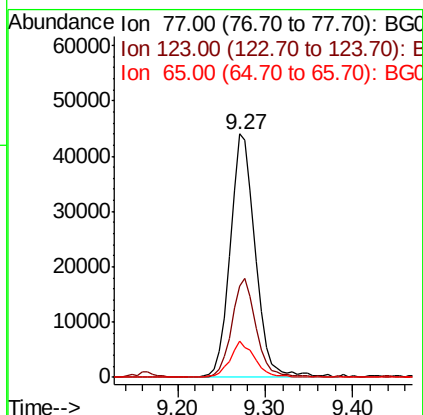
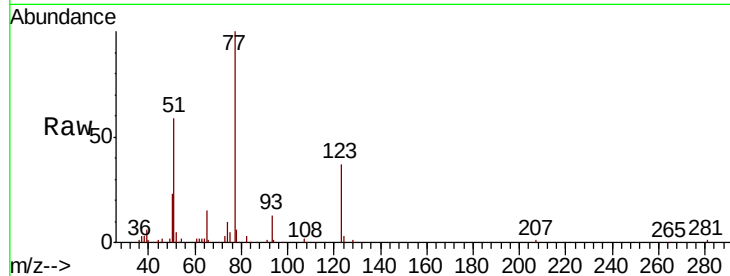




#24
 Nitrobenzene
 Concen: 21.239 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG042931.D
 Acq: 25 Sep 2019 17:33

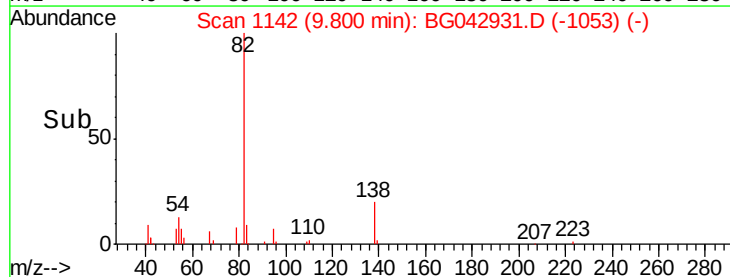
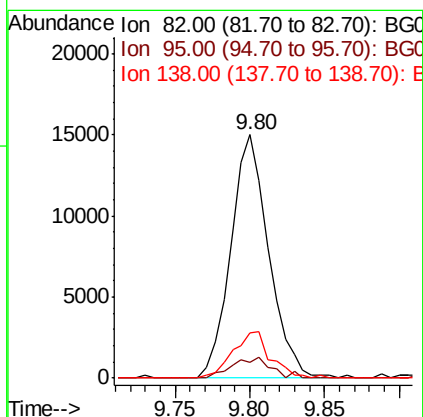
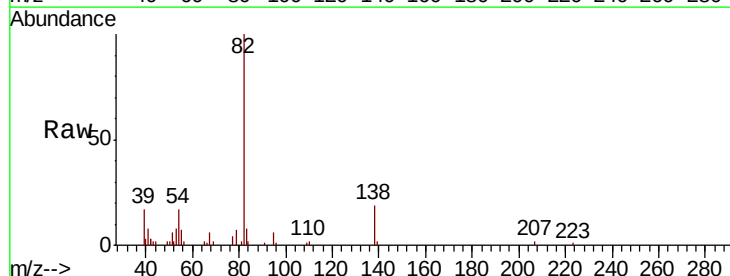
Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WPDL

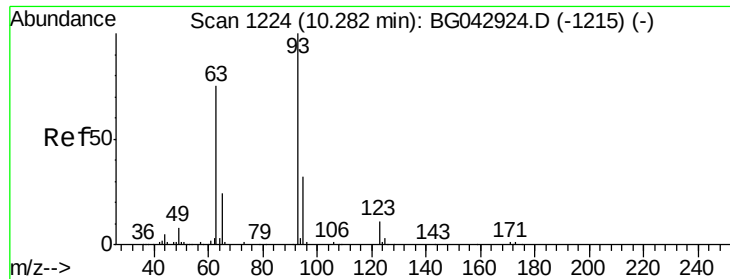
Tot Ion	77	Resp	85723
Ion Ratio	Lower	Upper	
77	100		
123	37.3	31.9	47.9
65	15.0	12.4	18.6



#25
 Isophorone
 Concen: 3.571 ng
 RT: 9.80 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BG042931.D
 Acq: 25 Sep 2019 17:33

Tgt Ion	82	Resp	26542
Ion Ratio	Lower	Upper	
82	100		
95	6.4	7.0	10.4#
138	18.7	13.8	20.6

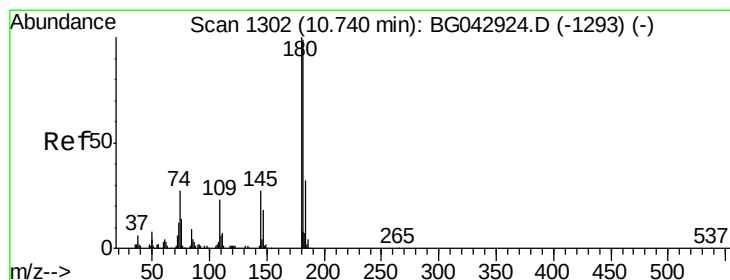
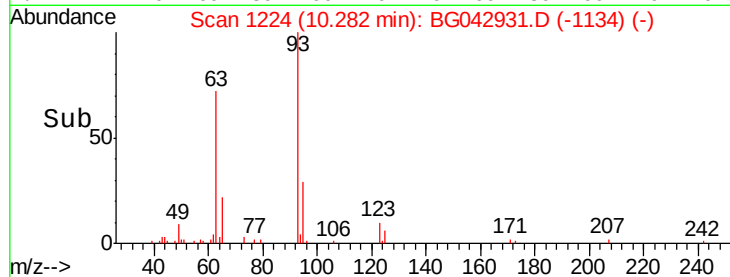
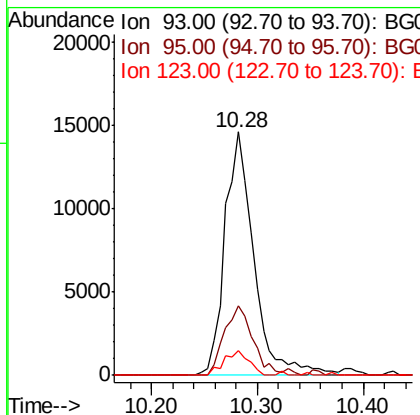
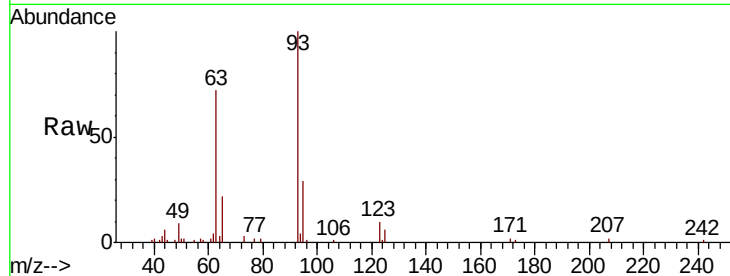




#28
 bis(2-Chloroethoxy)methane
 Concen: 6.600 ng
 RT: 10.28 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BG042931.D
 Acq: 25 Sep 2019 17:33

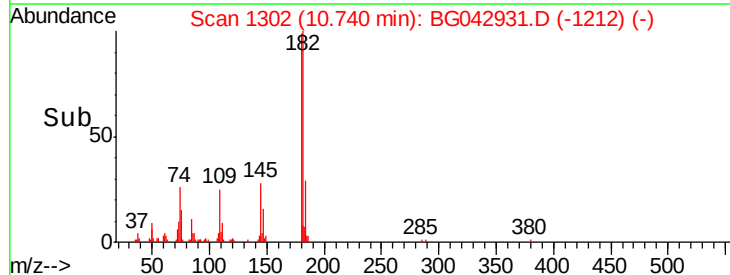
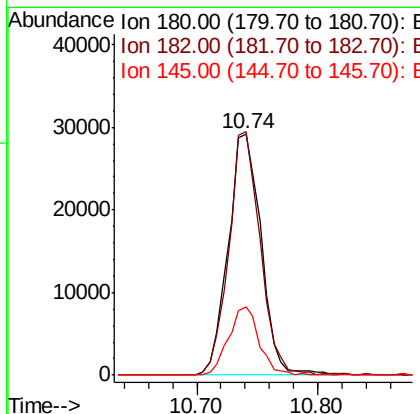
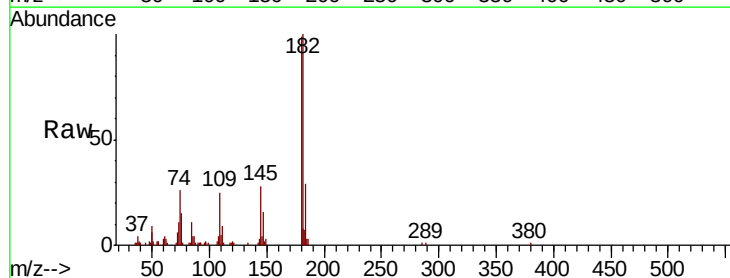
Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WPDL

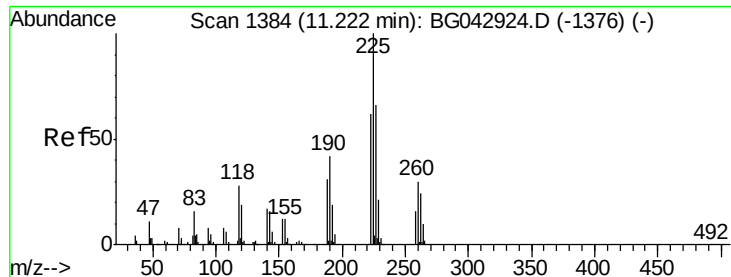
Tot Ion: 93 Resp: 27833
 Ion Ratio Lower Upper
 93 100
 95 28.8 25.4 38.0
 123 10.1 9.3 13.9



#30
 1,2,4-Trichlorobenzene
 Concen: 13.037 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: BG042931.D
 Acq: 25 Sep 2019 17:33

Tgt Ion: 180 Resp: 55250
 Ion Ratio Lower Upper
 180 100
 182 100.9 79.3 118.9
 145 28.5 22.0 33.0





#34

Hexachlorobutadiene

Concen: 27.655 ng

RT: 11.22 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BG042931.D

Acq: 25 Sep 2019 17:33

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

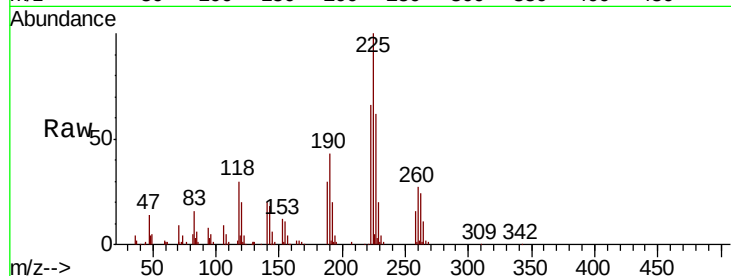
Tot Ion:225 Resp: 87754

Ion Ratio Lower Upper

225 100

223 66.5 49.3 73.9

227 61.5 52.8 79.2

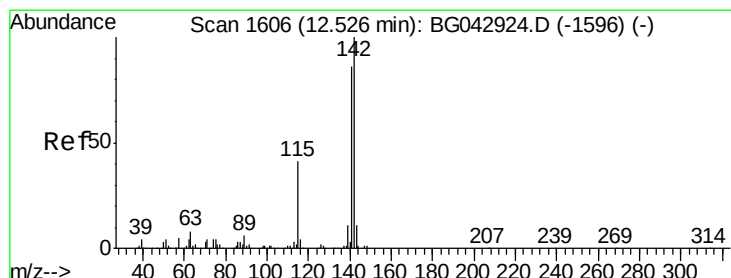
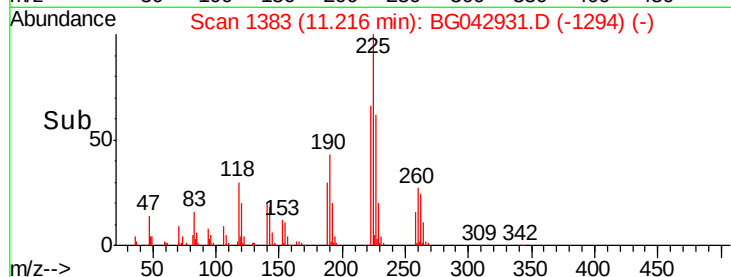
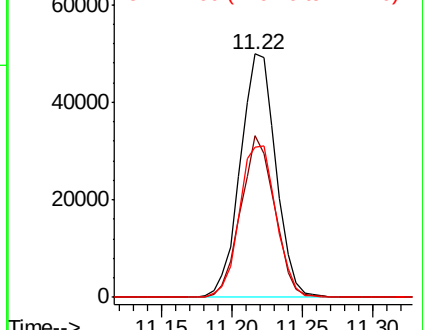


Abundance

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: 17.831 ng

RT: 12.53 min Scan# 1606

Delta R.T. 0.00 min

Lab File: BG042931.D

Acq: 25 Sep 2019 17:33

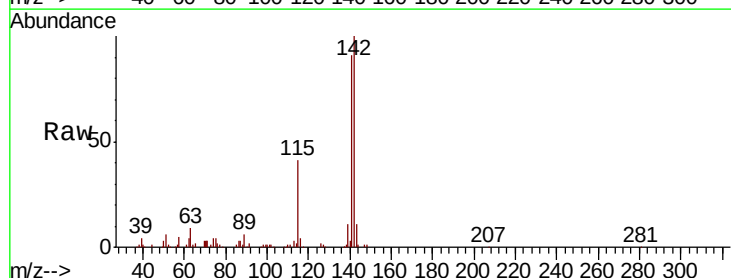
Tgt Ion:142 Resp: 137719

Ion Ratio Lower Upper

142 100

141 90.8 69.0 103.4

115 41.2 32.8 49.2

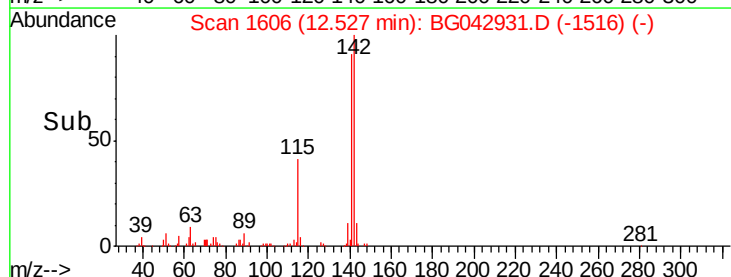
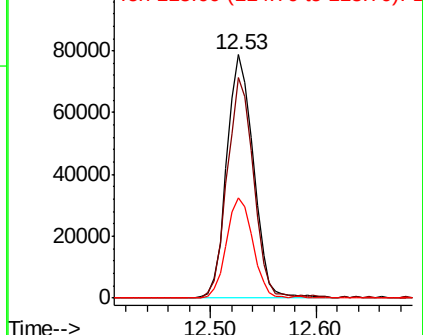


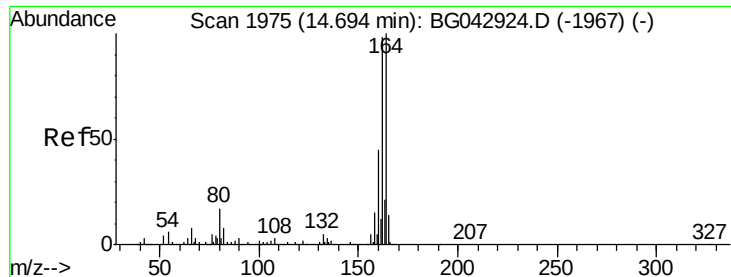
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BG042931.D

Acq: 25 Sep 2019 17:33

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

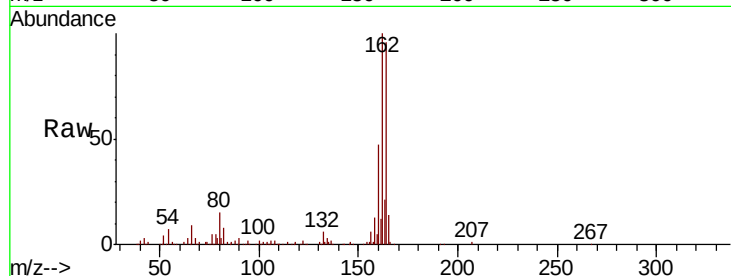
Tot Ion:164 Resp: 147088

Ion Ratio Lower Upper

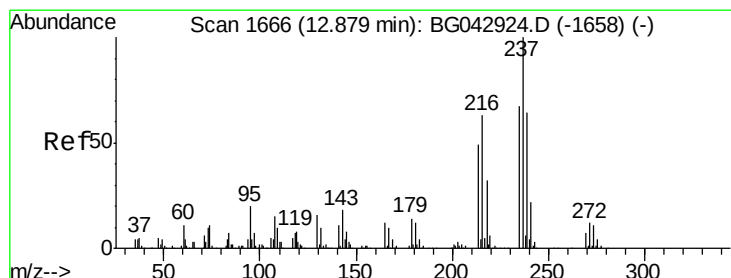
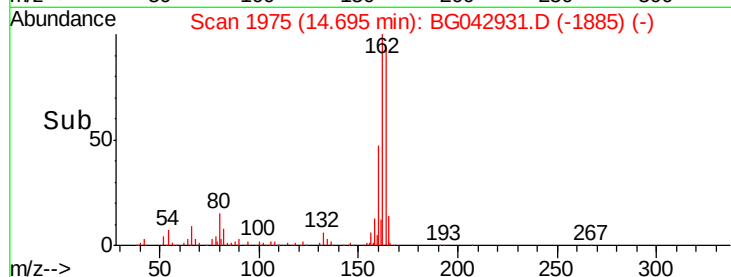
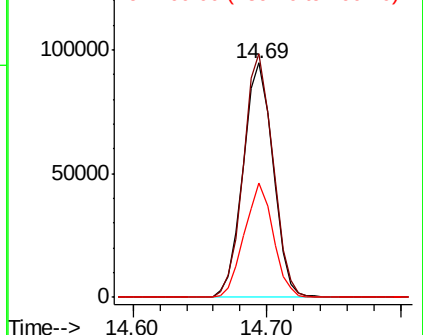
164 100

162 103.9 78.5 117.7

160 48.7 35.9 53.9



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: 20.776 ng

RT: 12.88 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BG042931.D

Acq: 25 Sep 2019 17:33

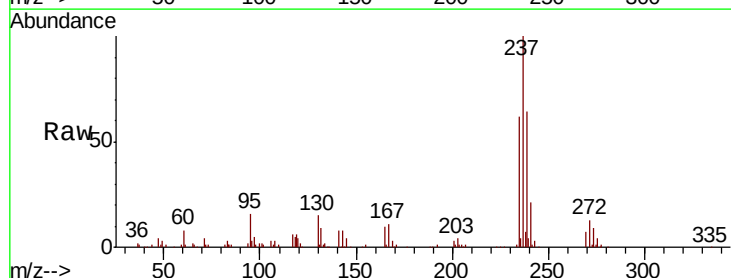
Tgt Ion:237 Resp: 73208

Ion Ratio Lower Upper

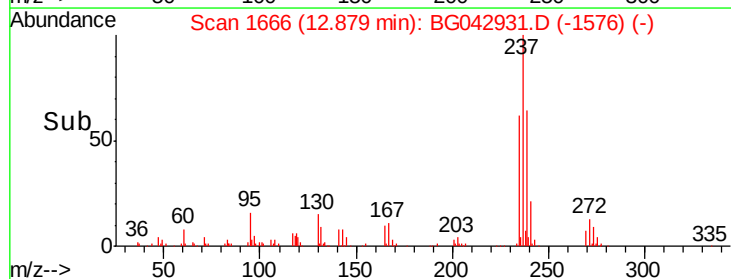
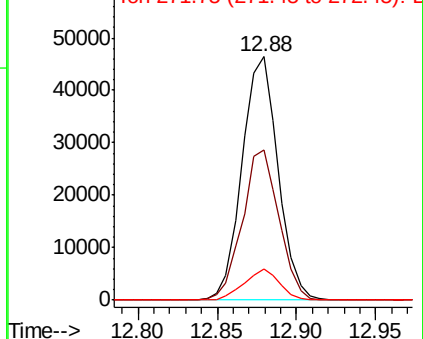
237 100

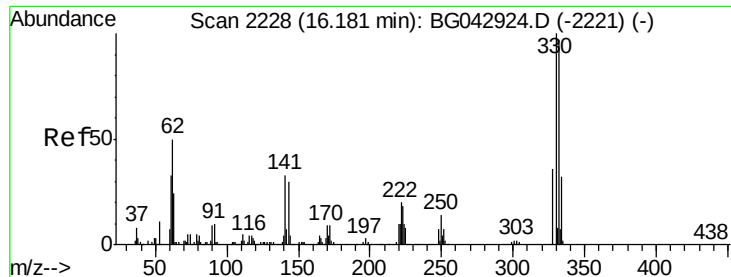
235 61.9 46.7 86.7

272 12.7 0.0 32.3



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

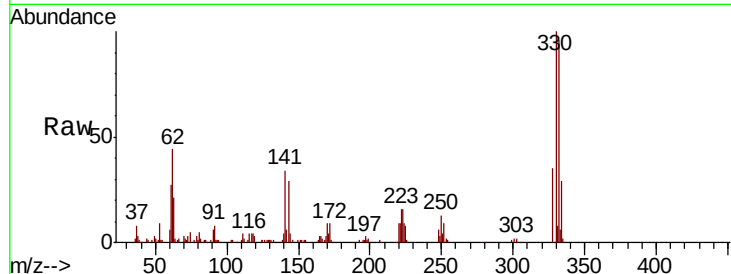




#42
2,4,6-Tribromophenol
Concen: 24.160 ng
RT: 16.18 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BG042931.D
Acq: 25 Sep 2019 17:33

Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.2	78.2	117.2
141	32.3	26.0	39.0

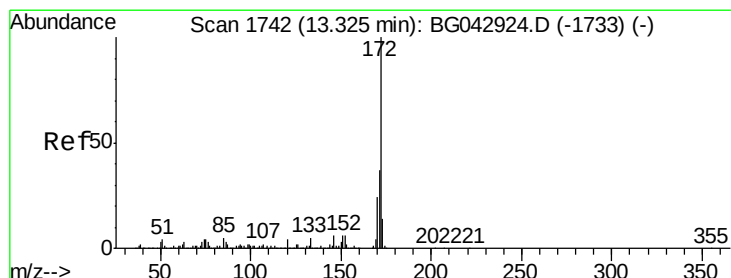
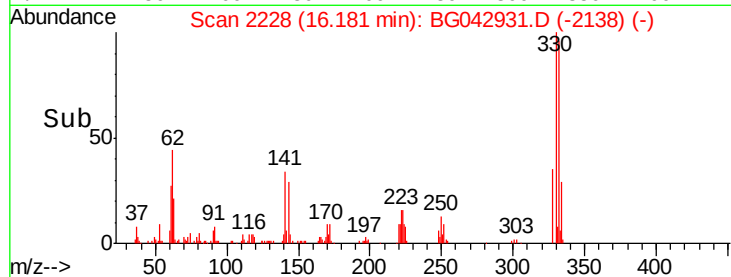
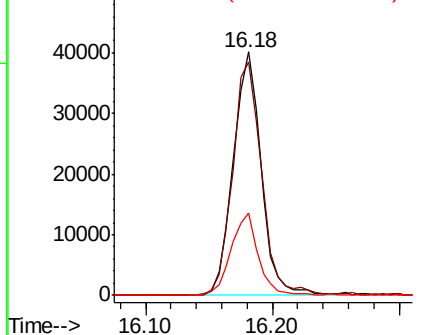


Abundance

Ion 329.80 (329.50 to 330.50): E

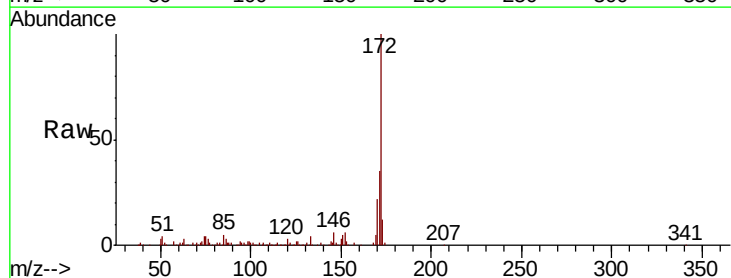
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 21.517 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042931.D
Acq: 25 Sep 2019 17:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	22.2	19.6	29.4

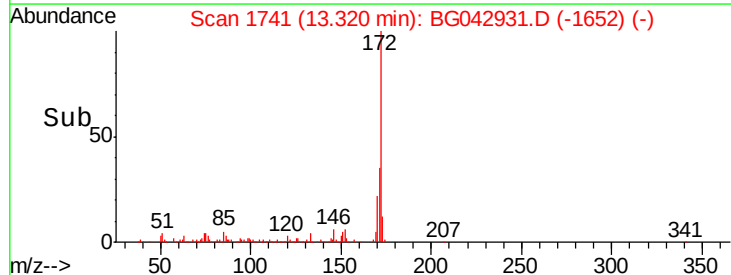
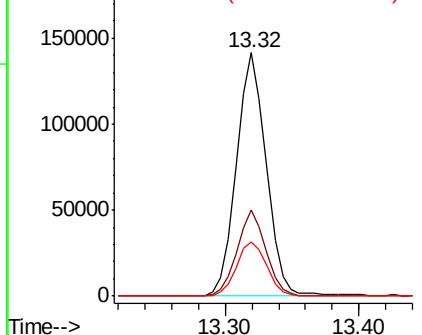


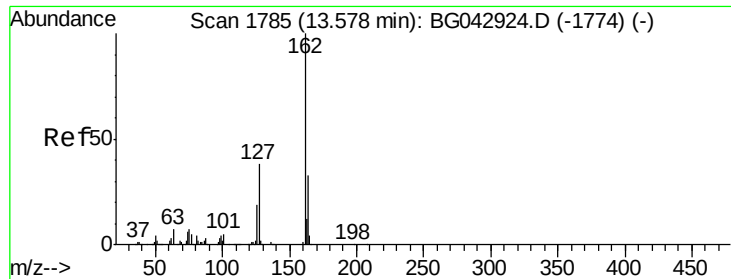
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

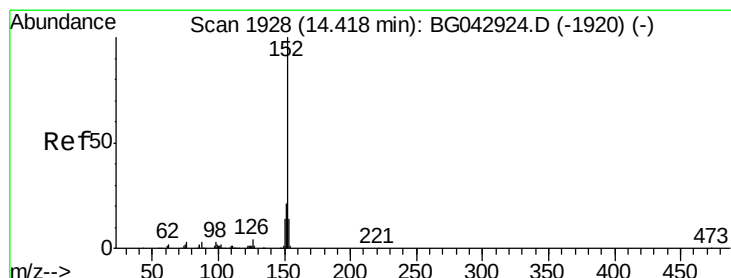
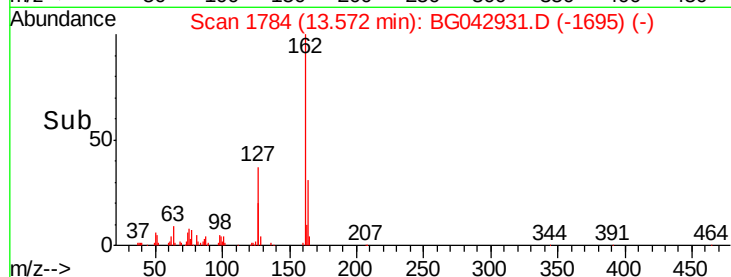
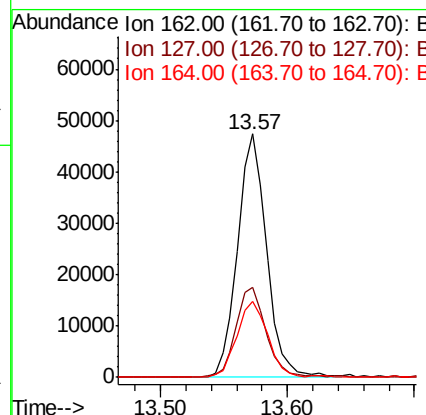
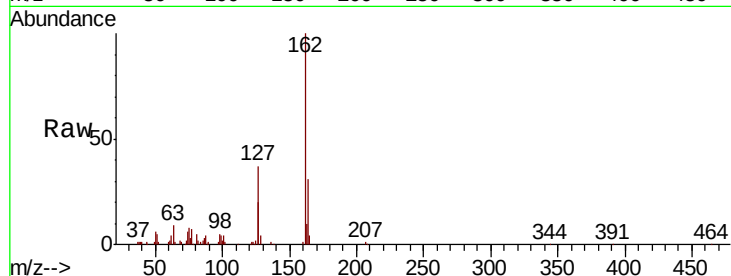




#47
 2-Chloronaphthalene
 Concen: 8.962 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG042931.D
 Acq: 25 Sep 2019 17:33

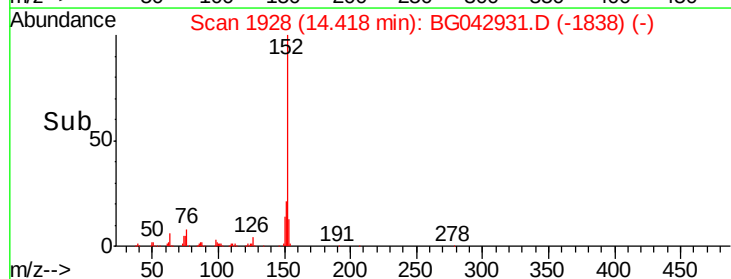
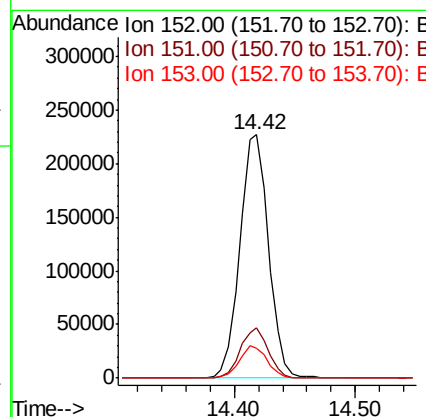
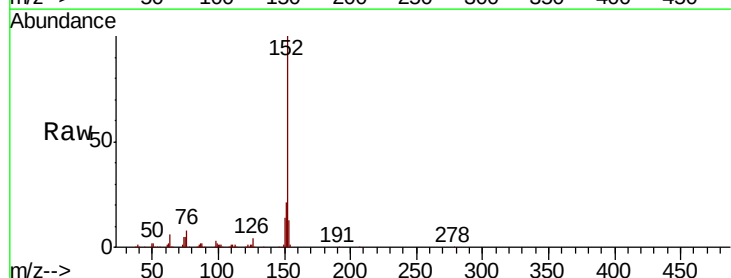
Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WPDL

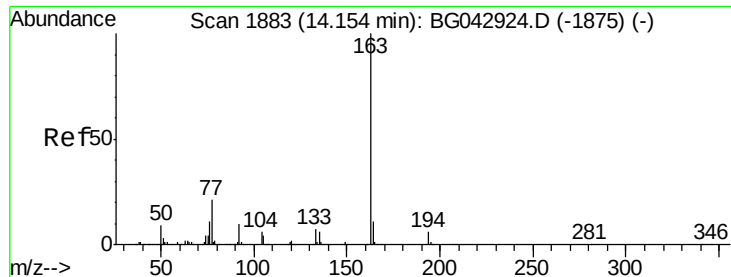
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.0	31.0	46.6
164	31.2	26.2	39.2



#49
 Acenaphthylene
 Concen: 29.368 ng
 RT: 14.42 min Scan# 1928
 Delta R.T. 0.00 min
 Lab File: BG042931.D
 Acq: 25 Sep 2019 17:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	12.5	11.3	16.9





#50

Dimethylphthalate

Concen: 27.613 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG042931.D

Acq: 25 Sep 2019 17:33

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

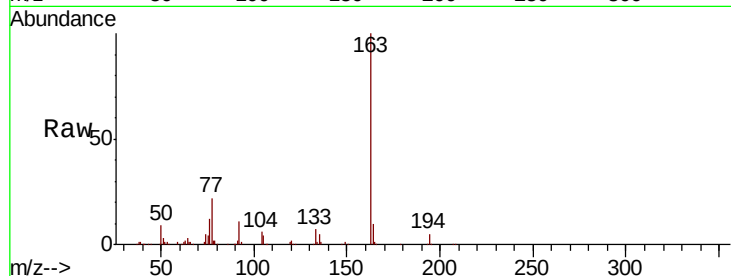
Tot Ion:163 Resp: 304316

Ion Ratio Lower Upper

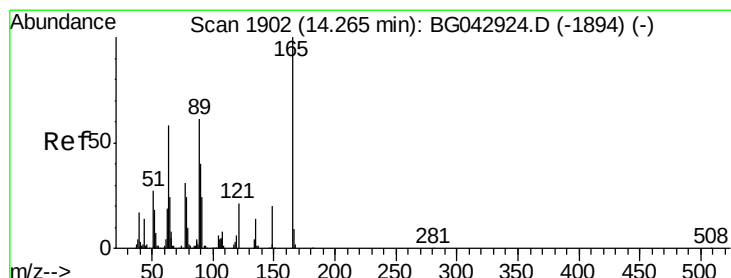
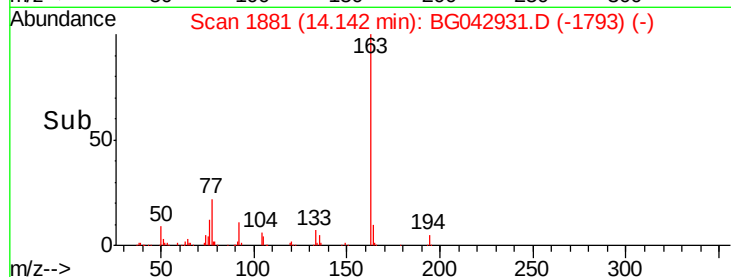
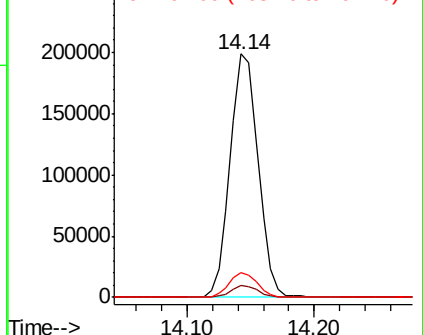
163 100

194 5.0 4.4 6.6

164 10.0 8.6 12.8



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: 8.187 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG042931.D

Acq: 25 Sep 2019 17:33

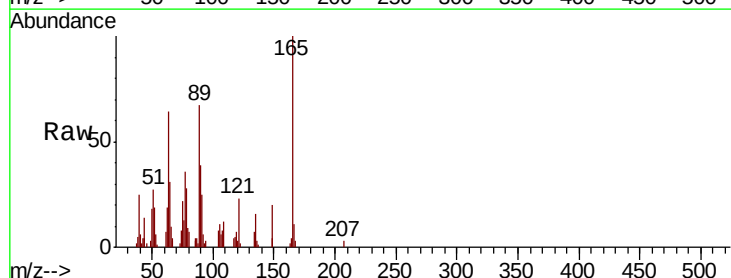
Tgt Ion:165 Resp: 19215

Ion Ratio Lower Upper

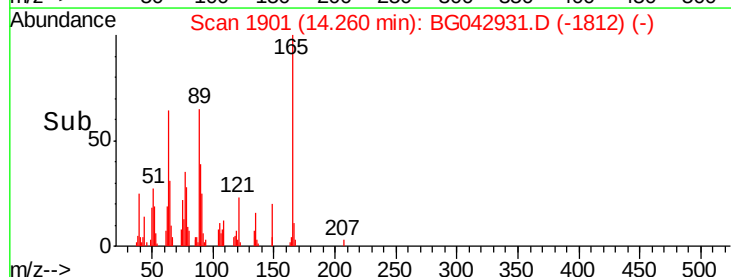
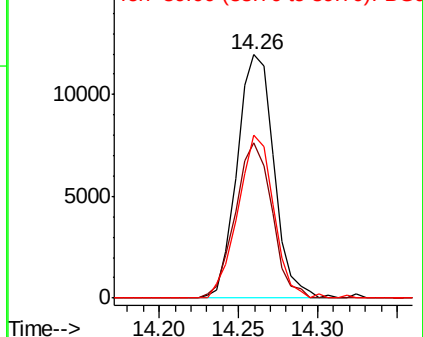
165 100

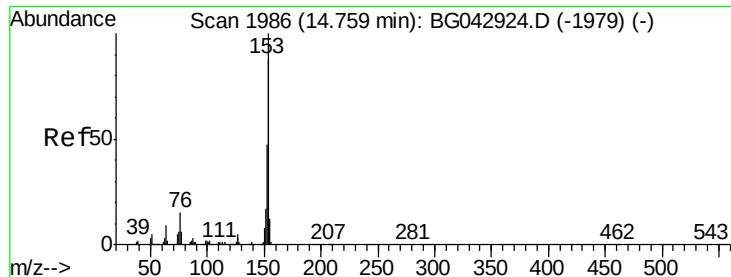
63 63.6 50.3 75.5

89 66.8 48.9 73.3



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: 32.060 ng

RT: 14.76 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BG042931.D

Acq: 25 Sep 2019 17:33

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

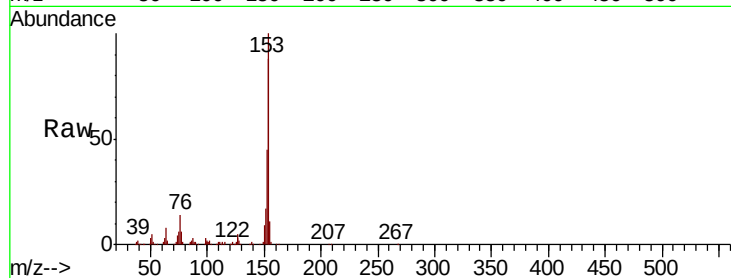
Tot Ion:154 Resp: 274606

Ion Ratio Lower Upper

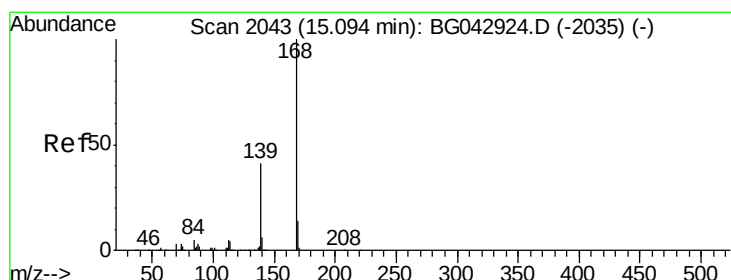
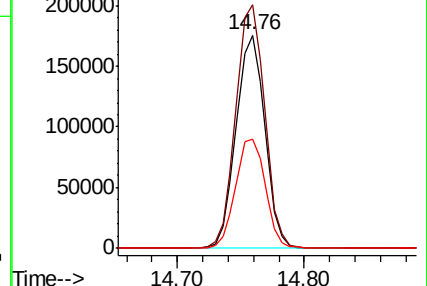
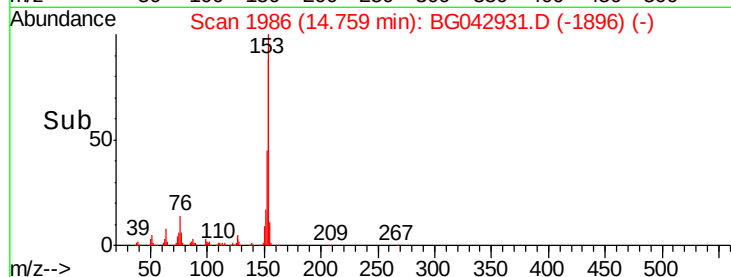
154 100

153 114.3 91.4 137.0

152 51.4 42.8 64.2



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: 20.877 ng

RT: 15.09 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG042931.D

Acq: 25 Sep 2019 17:33

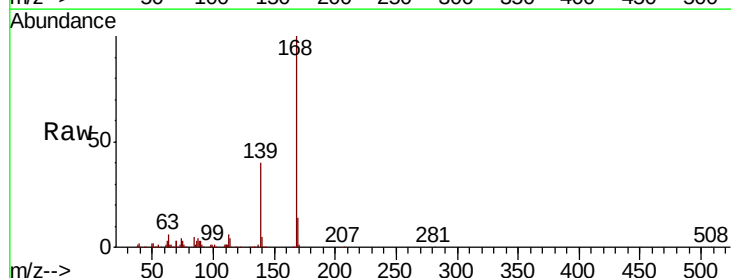
Tgt Ion:168 Resp: 264525

Ion Ratio Lower Upper

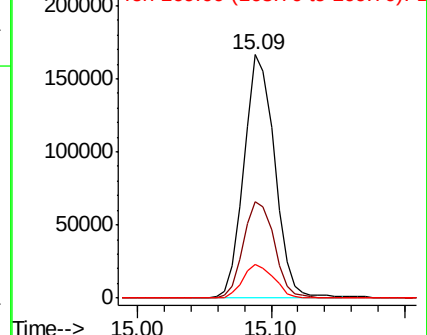
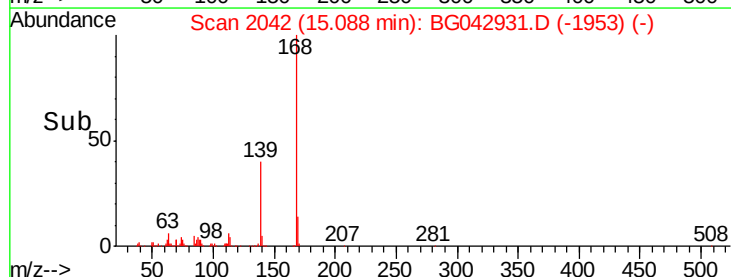
168 100

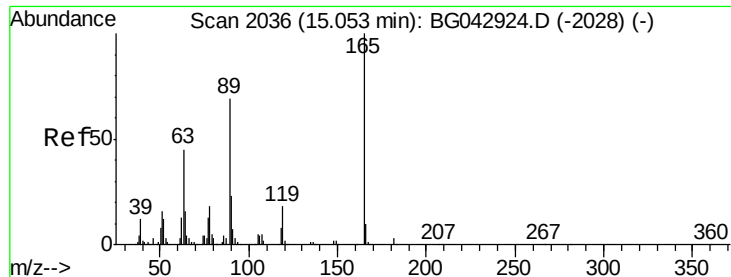
139 39.5 32.6 48.8

169 13.9 11.2 16.8



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

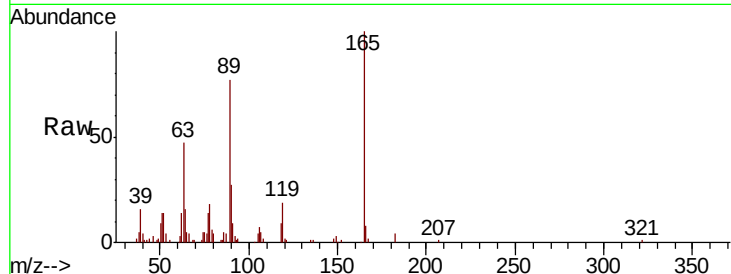




#57
 2,4-Dinitrotoluene
 Concen: 15.459 ng
 RT: 15.05 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG042931.D
 Acq: 25 Sep 2019 17:33

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WPDL

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.7	36.5	54.7
89	77.1	55.5	83.3
182	3.6	2.4	3.6



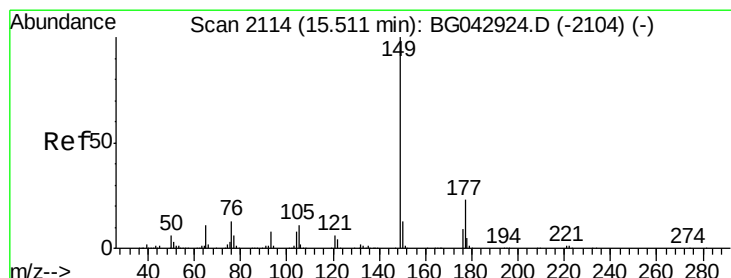
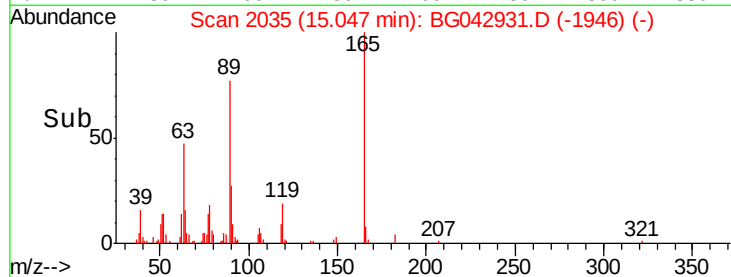
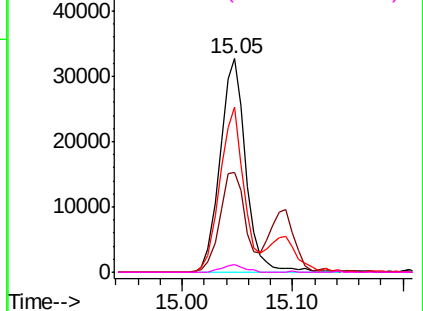
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

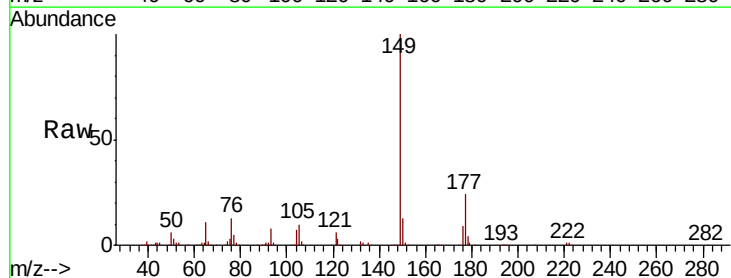
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#60
 Diethylphthalate
 Concen: 28.639 ng
 RT: 15.51 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BG042931.D
 Acq: 25 Sep 2019 17:33

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.8	28.2
150	12.9	10.6	15.8

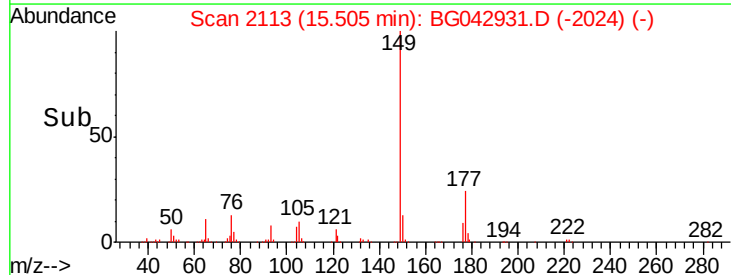
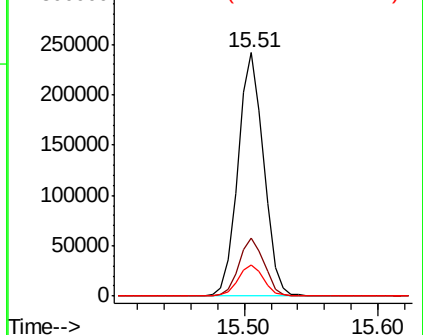


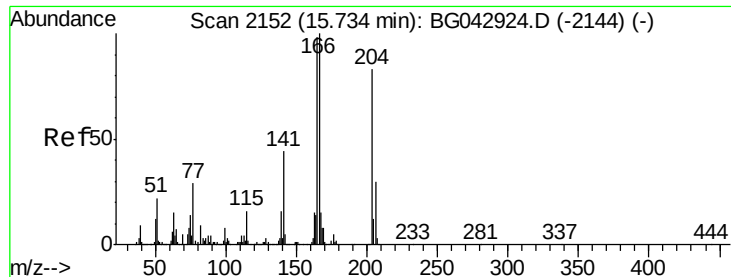
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

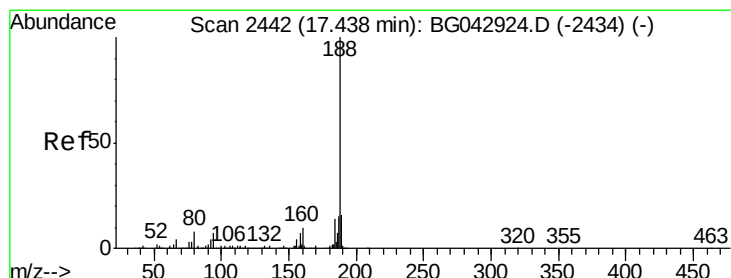
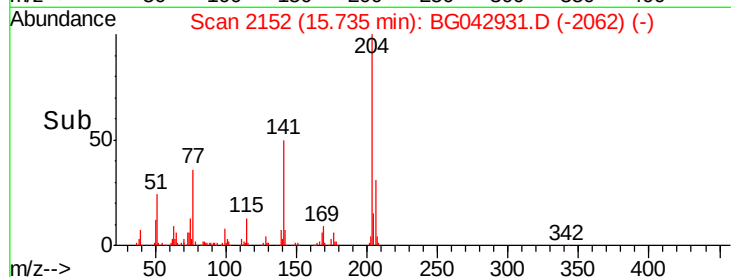
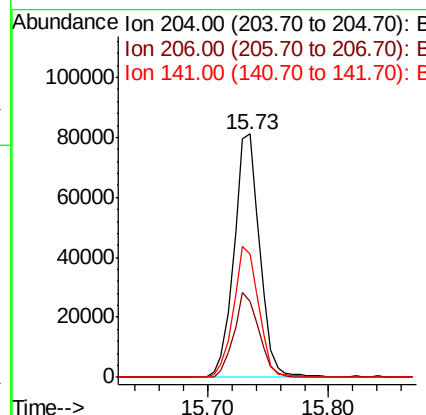
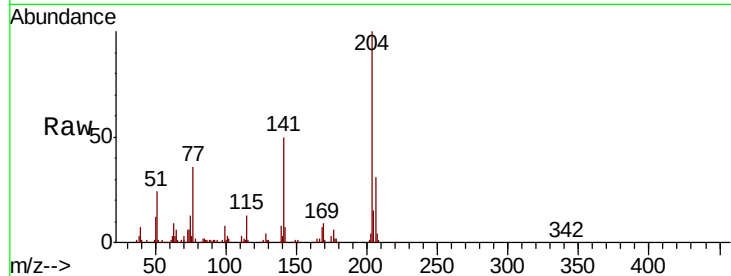




#61
 4-Chlorophenyl-phenylether
 Concen: 18.458 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG042931.D
 Acq: 25 Sep 2019 17:33

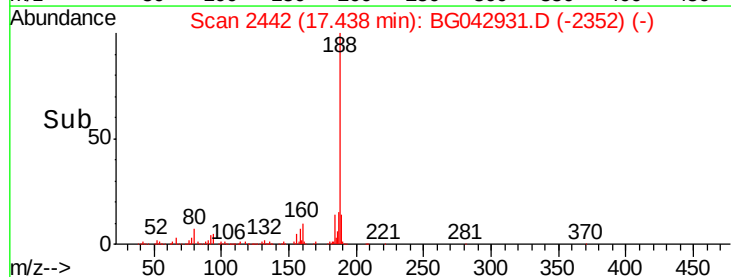
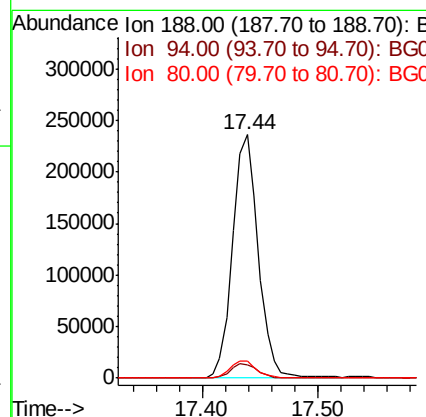
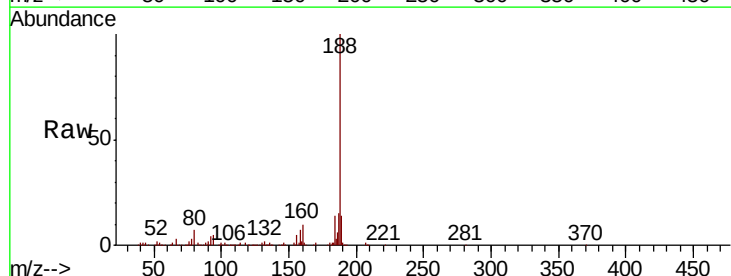
Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WPDL

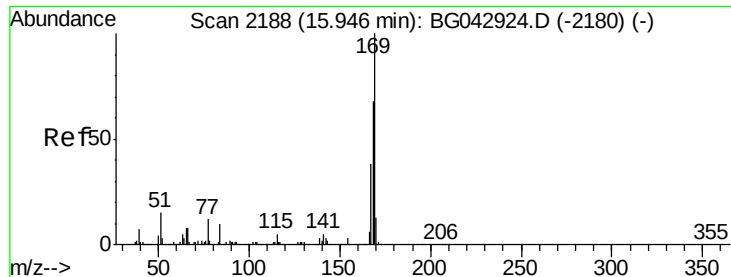
Tot Ion:204 Resp: 119751
 Ion Ratio Lower Upper
 204 100
 206 31.5 28.5 42.7
 141 50.5 42.4 63.6



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. 0.00 min
 Lab File: BG042931.D
 Acq: 25 Sep 2019 17:33

Tgt Ion:188 Resp: 364332
 Ion Ratio Lower Upper
 188 100
 94 5.4 5.7 8.5#
 80 6.8 6.5 9.7

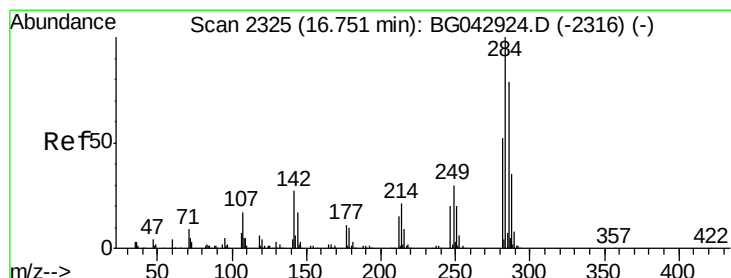
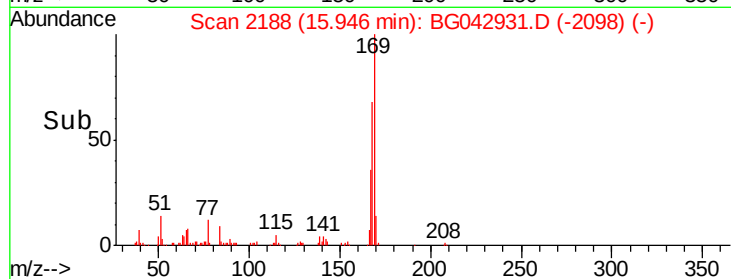
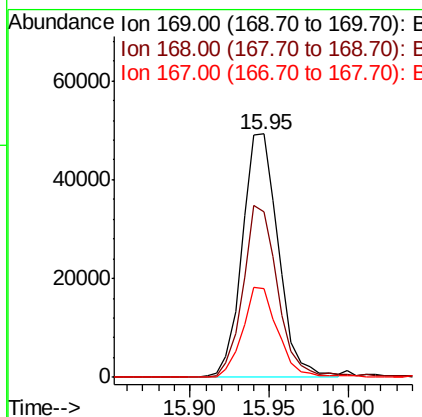
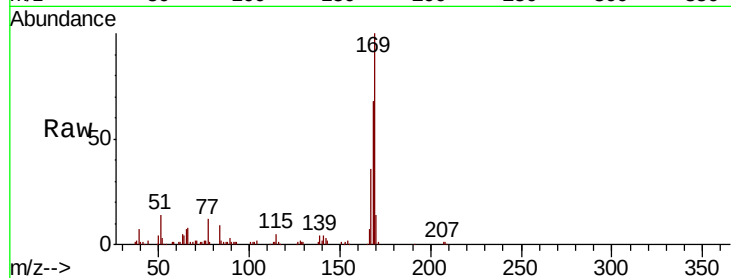




#66
n-Nitrosodiphenylamine
Concen: 8.109 ng
RT: 15.95 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BG042931.D
Acq: 25 Sep 2019 17:33

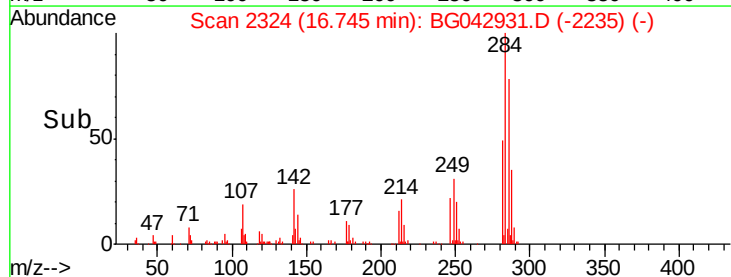
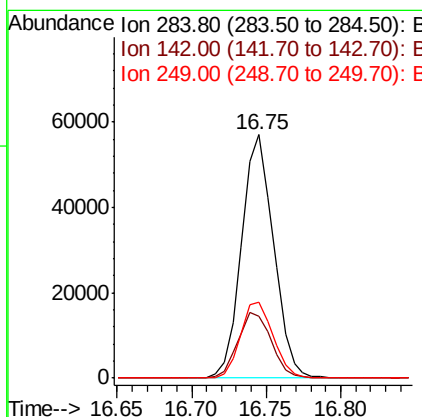
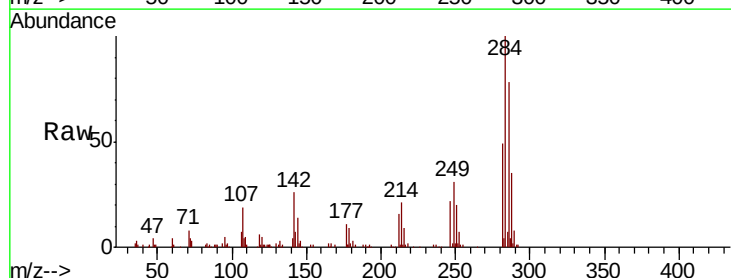
Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

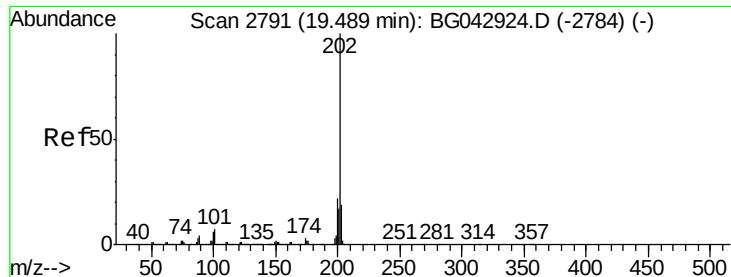
Tot Ion	169	Resp	77990
Ion Ratio	100	Lower	Upper
168	68.0	54.8	82.2
167	36.4	30.6	46.0



#68
Hexachlorobenzene
Concen: 16.624 ng
RT: 16.75 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG042931.D
Acq: 25 Sep 2019 17:33

Tgt Ion	284	Resp	84639
Ion Ratio	100	Lower	Upper
142	25.6	21.6	32.4
249	31.1	24.1	36.1





#75

Fluoranthene

Concen: 15.899 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG042931.D

Acq: 25 Sep 2019 17:33

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

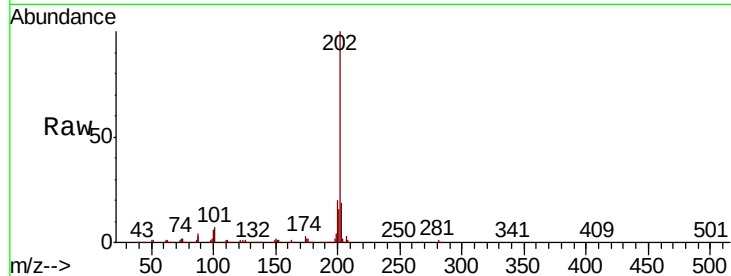
Tot Ion:202 Resp: 374055

Ion Ratio Lower Upper

202 100

101 6.5 0.0 27.3

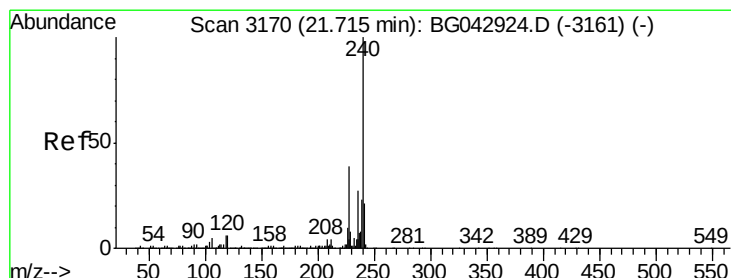
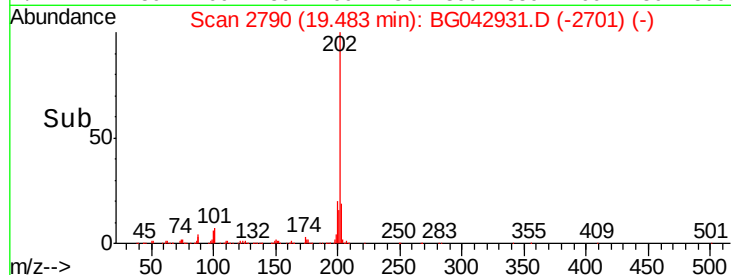
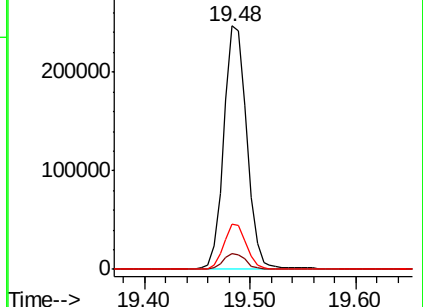
203 18.6 0.0 39.5



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# 3169

Delta R.T. -0.01 min

Lab File: BG042931.D

Acq: 25 Sep 2019 17:33

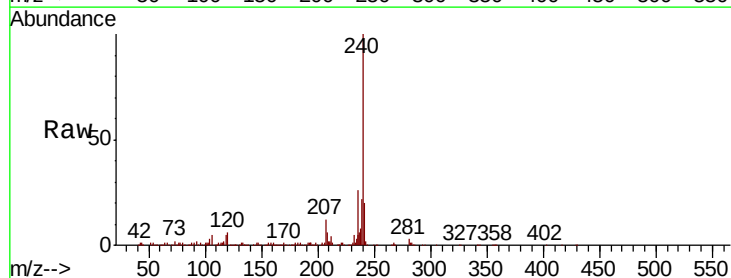
Tgt Ion:240 Resp: 415434

Ion Ratio Lower Upper

240 100

120 6.1 4.8 7.2

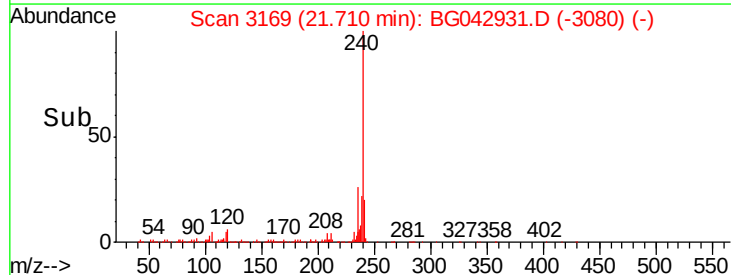
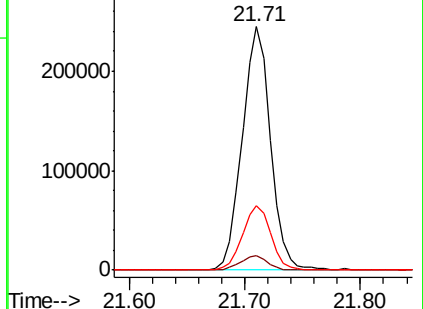
236 26.3 21.4 32.0

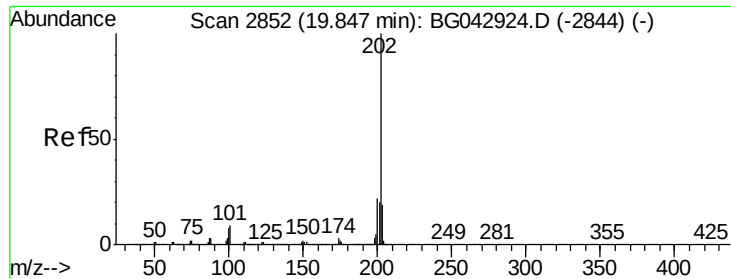


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

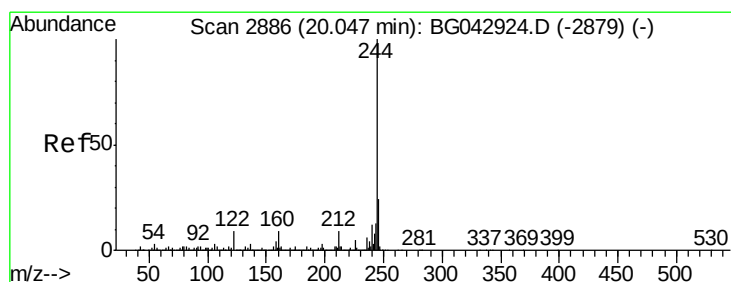
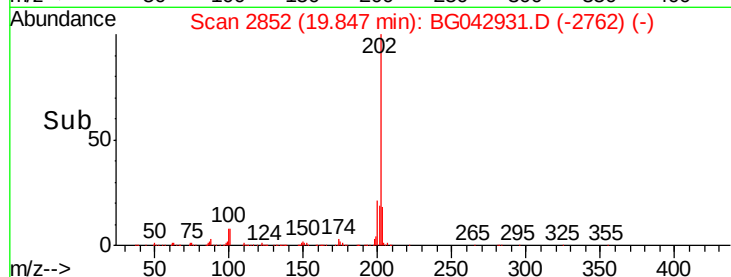
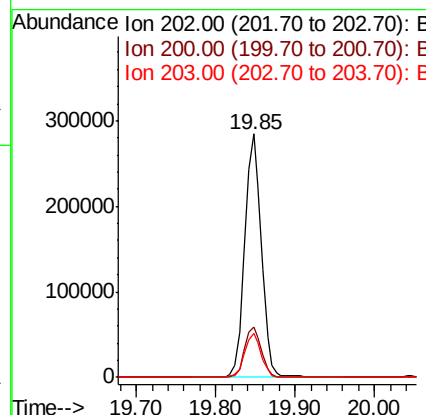
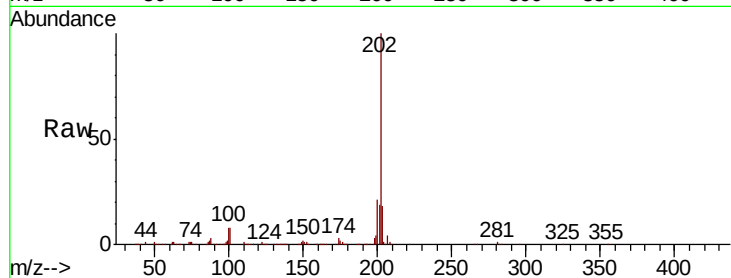




#78
Pvrene
Concen: 16.671 ng
RT: 19.85 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BG042931.D
Acq: 25 Sep 2019 17:33

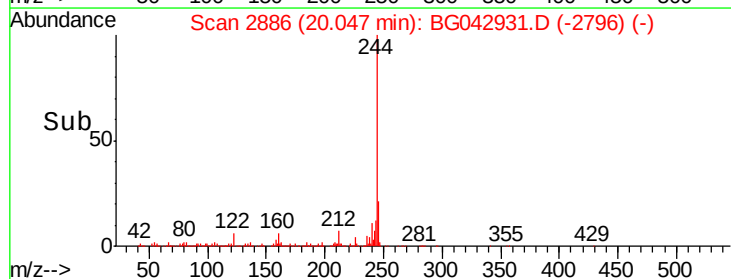
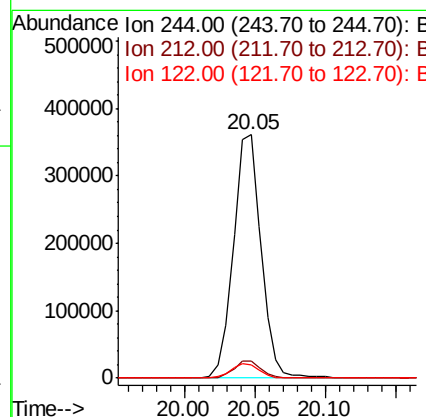
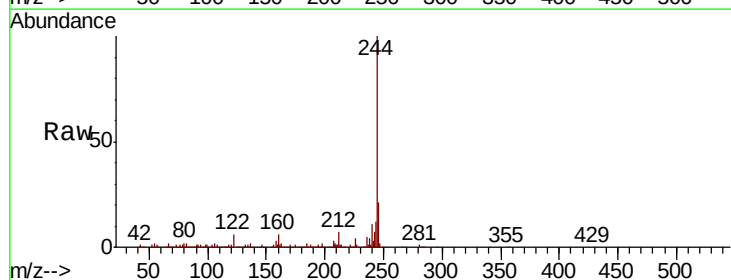
Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

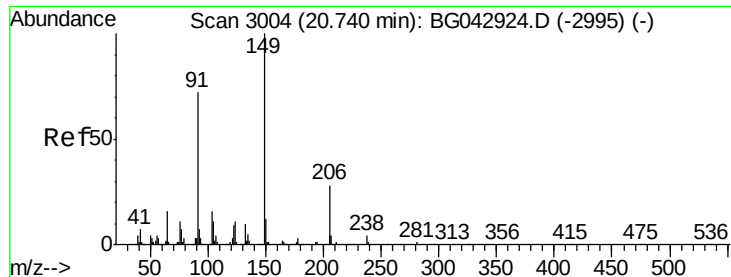
Tot Ion:	202	Resp:	413369
Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	18.3	15.2	22.8



#79
Terphenyl-d14
Concen: 25.241 ng
RT: 20.05 min Scan# 2886
Delta R.T. 0.00 min
Lab File: BG042931.D
Acq: 25 Sep 2019 17:33

Tgt Ion:	244	Resp:	492102
Ion	Ratio	Lower	Upper
244	100		
212	6.8	7.4	11.0#
122	5.6	7.0	10.4#

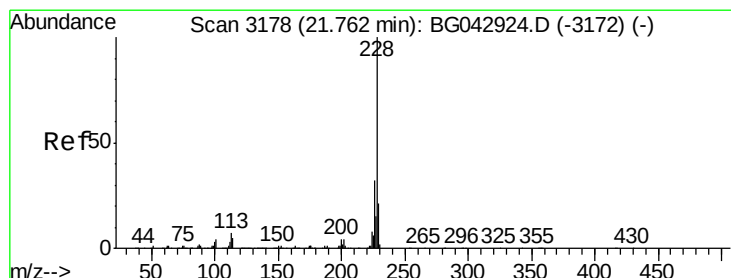
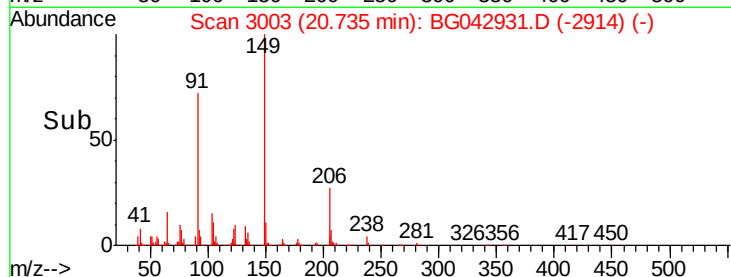
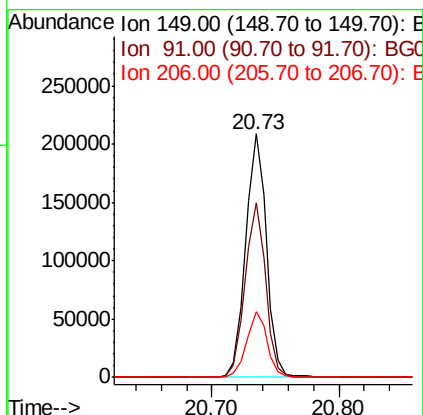
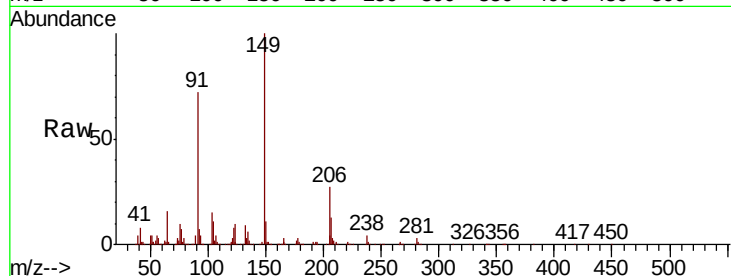




#80
Butylbenzylphthalate
Concen: 25.227 ng
RT: 20.73 min Scan# 3003
Delta R.T. -0.01 min
Lab File: BG042931.D
Acq: 25 Sep 2019 17:33

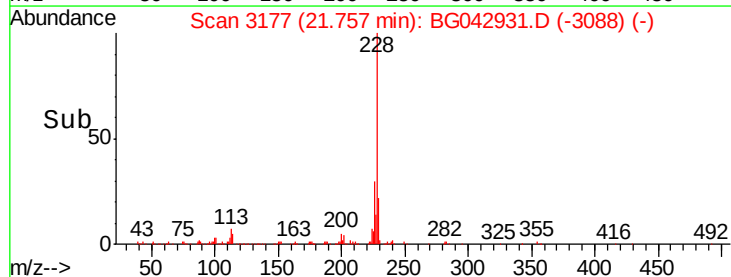
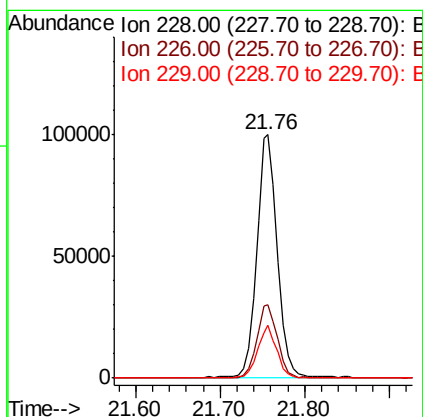
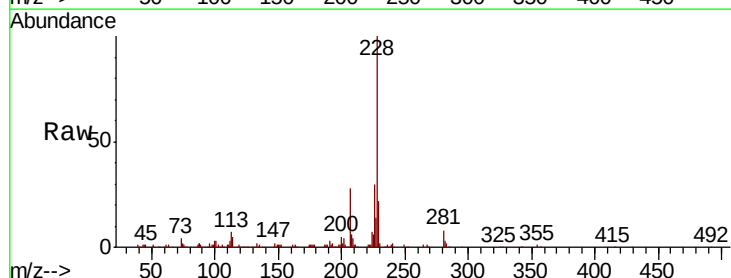
Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

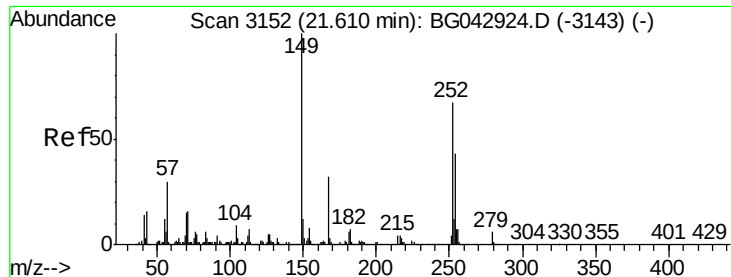
Tot Ion:149 Resp: 237428
Ion Ratio Lower Upper
149 100
91 71.7 57.7 86.5
206 27.1 22.6 33.8



#83
Chrysene
Concen: 6.817 ng
RT: 21.76 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG042931.D
Acq: 25 Sep 2019 17:33

Tgt Ion:228 Resp: 171251
Ion Ratio Lower Upper
228 100
226 30.1 25.6 38.4
229 21.7 16.9 25.3





#84

Bis(2-ethylhexyl)phthalate

Concen: 10.297 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BG042931.D

Acq: 25 Sep 2019 17:33

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

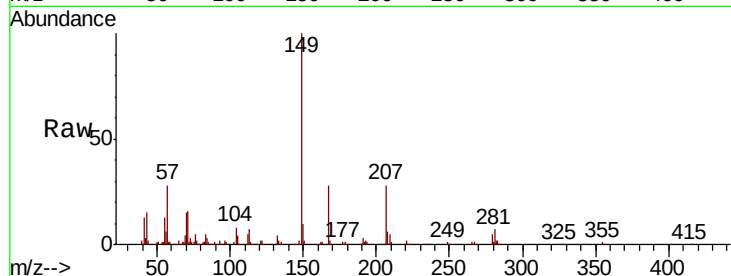
Tot Ion:149 Resp: 137896

Ion Ratio Lower Upper

149 100

167 28.5 25.4 38.2

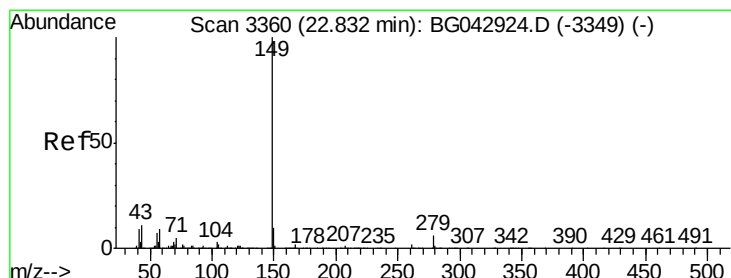
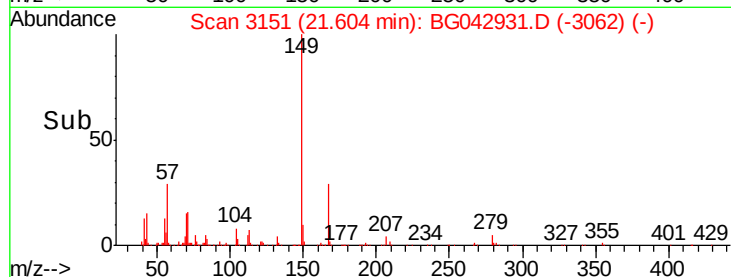
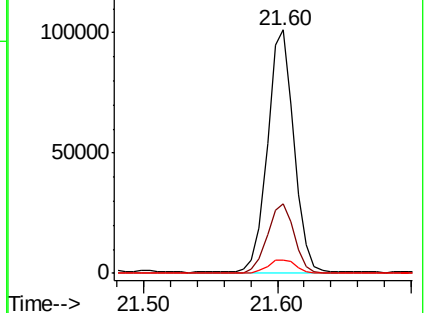
279 5.3 5.1 7.7



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: 23.958 ng

RT: 22.82 min Scan# 3358

Delta R.T. -0.01 min

Lab File: BG042931.D

Acq: 25 Sep 2019 17:33

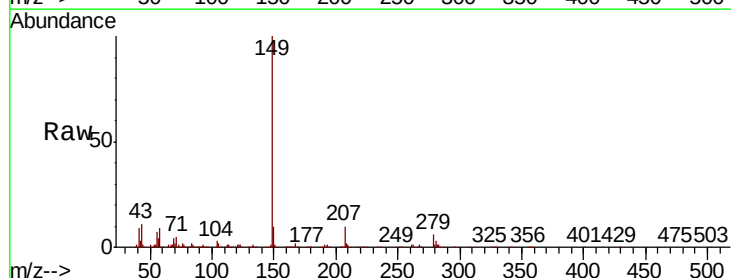
Tgt Ion:149 Resp: 524661

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

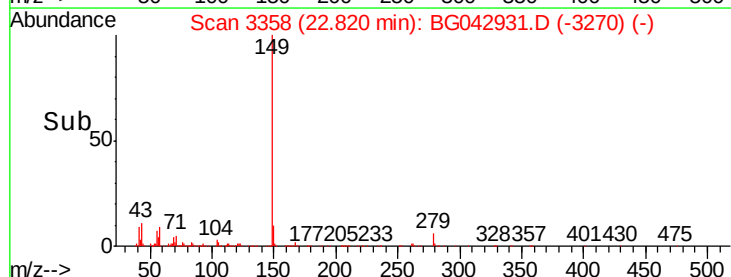
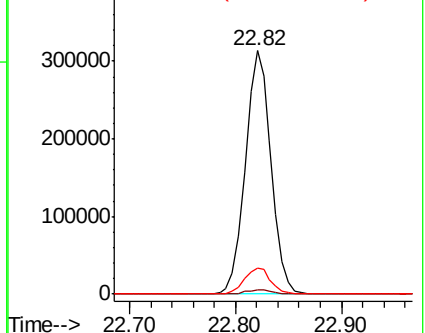
43 10.9 8.7 13.1

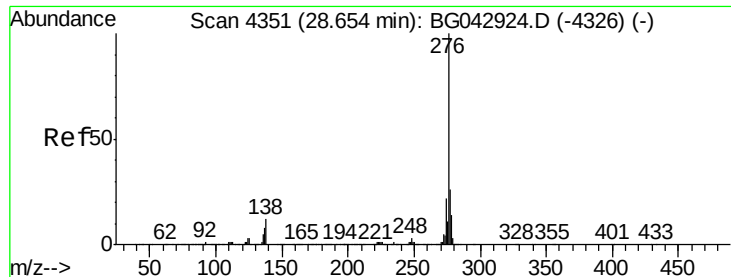


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

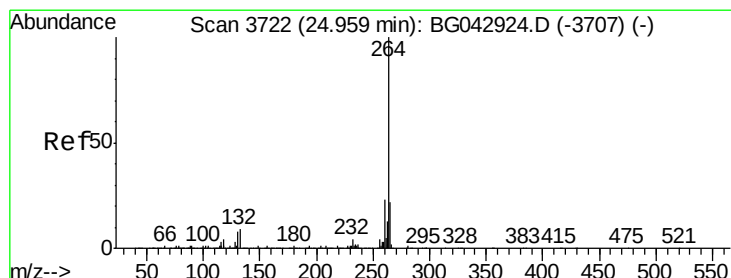
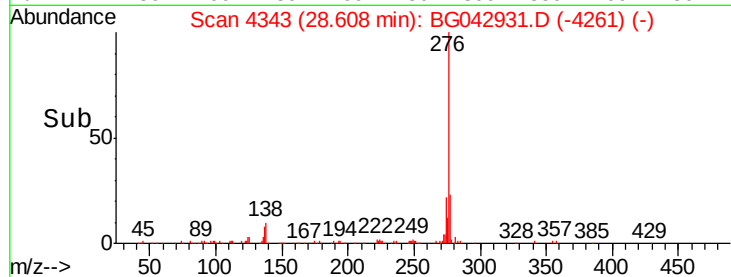
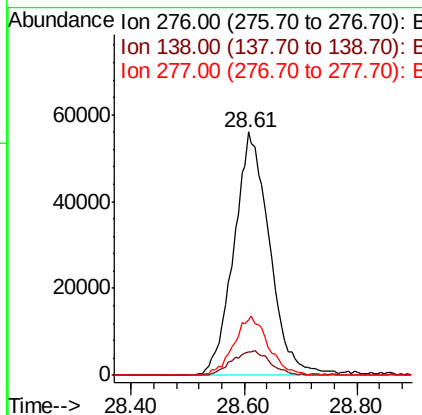
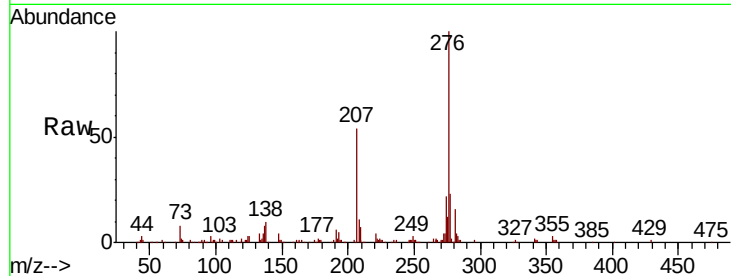




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 7.888 ng
 RT: 28.61 min Scan# 4343
 Delta R.T. -0.05 min
 Lab File: BG042931.D
 Acq: 25 Sep 2019 17:33

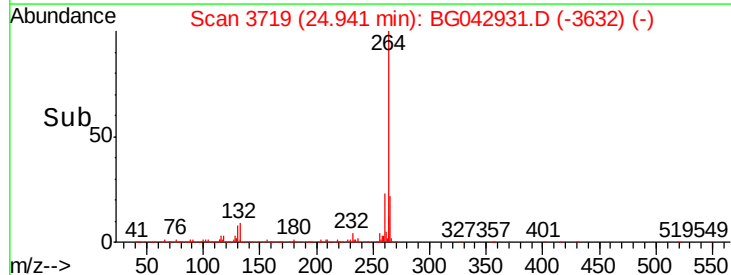
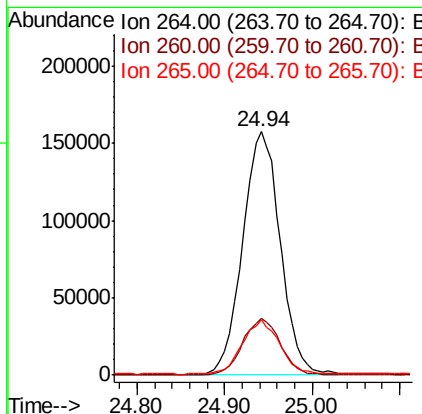
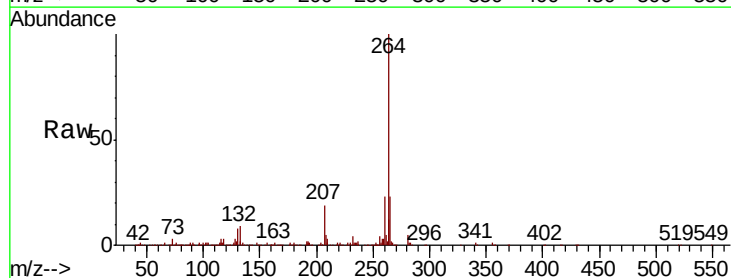
Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WPDL

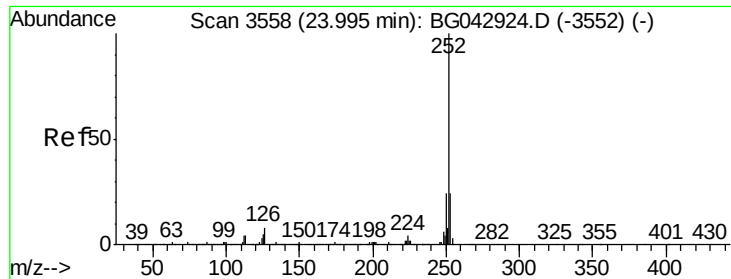
Tot Ion:276 Resp: 246682
 Ion Ratio Lower Upper
 276 100
 138 10.7 7.0 10.6#
 277 23.4 20.9 31.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.94 min Scan# 3719
 Delta R.T. -0.02 min
 Lab File: BG042931.D
 Acq: 25 Sep 2019 17:33

Tgt Ion:264 Resp: 460940
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 22.6 17.7 26.5





#89

Benzo(k)fluoranthene

Concen: 20.727 ng

RT: 23.98 min Scan# 3556

Delta R.T. -0.01 min

Lab File: BG042931.D

Acq: 25 Sep 2019 17:33

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

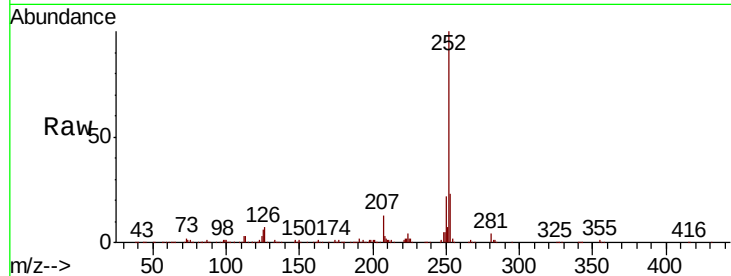
Tot Ion:252 Resp: 534794

Ion Ratio Lower Upper

252 100

253 22.8 18.9 28.3

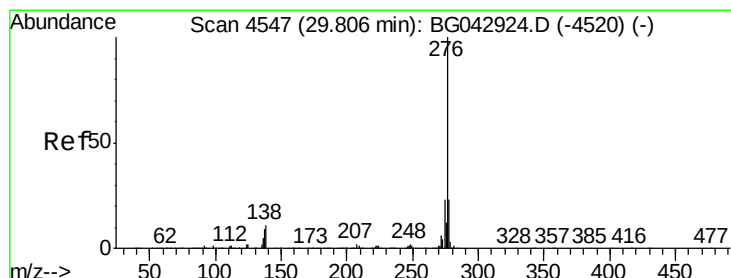
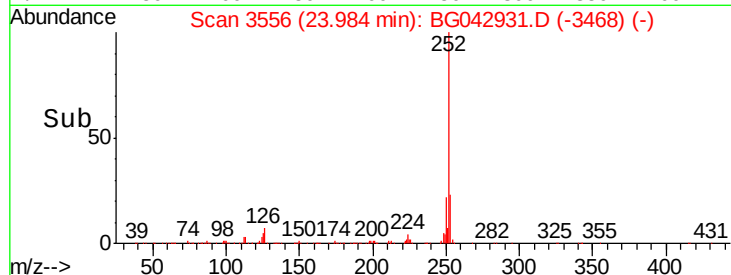
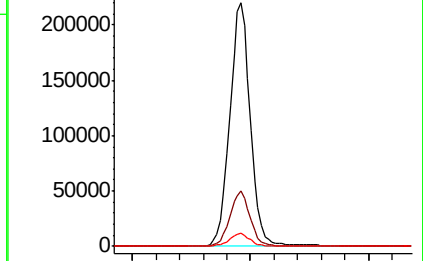
125 5.6 4.5 6.7



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: 13.805 ng

RT: 29.77 min Scan# 4541

Delta R.T. -0.03 min

Lab File: BG042931.D

Acq: 25 Sep 2019 17:33

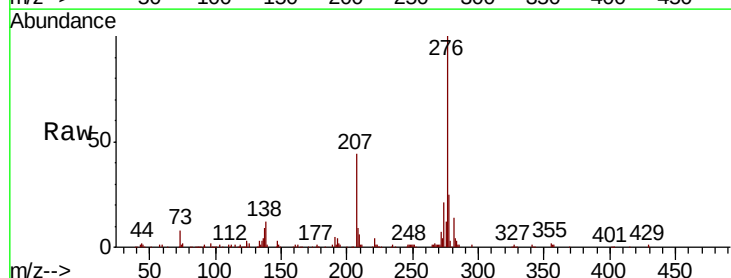
Tgt Ion:276 Resp: 337494

Ion Ratio Lower Upper

276 100

277 24.6 18.4 27.6

138 11.8 8.6 12.8



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

