

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092519\
 Data File : BG042925.D
 Acq On : 25 Sep 2019 12:46
 Operator : HP/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 25 14:06:19 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 12:51:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	60196	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	240879	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	171051	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	400076	20.00	ng	0.00
76) Chrysene-d12	21.72	240	452161	20.00	ng	0.00
87) Perylene-d12	24.95	264	514999	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	353899	101.93	ng	0.00
7) Phenol-d6	7.25	99	502438	100.24	ng	0.00
23) Nitrobenzene-d5	9.24	82	503348	101.94	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	289031	107.15	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1188024	101.90	ng	0.00
79) Terphenyl-d14	20.05	244	2152395	96.86	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.56	88	73570	50.988	ng	97
3) Pyridine	3.96	79	216397	51.522	ng	99
4) n-Nitrosodimethylamine	3.87	42	101598	52.188	ng	# 96
6) Aniline	7.40	93	303893	49.718	ng	100
8) 2-Chlorophenol	7.64	128	179586	50.513	ng	93
9) Benzaldehyde	7.22	77	132996	42.627	ng	97
10) Phenol	7.27	94	235293	50.360	ng	96
11) bis(2-Chloroethyl)ether	7.50	93	179242	49.211	ng	97
12) 1,3-Dichlorobenzene	7.97	146	228585	50.938	ng	99
13) 1,4-Dichlorobenzene	8.11	146	229066	50.771	ng	98
14) 1,2-Dichlorobenzene	8.43	146	216892	50.648	ng	95
15) Benzyl Alcohol	8.31	79	189395	50.250	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	333610	47.137	ng	98
17) 2-Methylphenol	8.52	107	160530	49.747	ng	97
18) Hexachloroethane	9.17	117	84113	50.881	ng	98
19) n-Nitroso-di-n-propylamine	8.88	70	163545	48.919	ng	# 94
20) 3+4-Methylphenols	8.85	107	219018	49.428	ng	97
22) Acetophenone	8.90	105	313470	49.882	ng	# 99
24) Nitrobenzene	9.28	77	242353	50.661	ng	97
25) Isophorone	9.81	82	435125	49.322	ng	99
26) 2-Nitrophenol	9.99	139	103096	52.275	ng	99
27) 2,4-Dimethylphenol	10.05	122	158960	51.601	ng	96
28) bis(2-Chloroethoxy)methane	10.28	93	251276	49.353	ng	98
29) 2,4-Dichlorophenol	10.53	162	197242	52.557	ng	97
30) 1,2,4-Trichlorobenzene	10.74	180	247405	51.565	ng	97
31) Naphthalene	10.93	128	595199	50.550	ng	98
32) Benzoic acid	10.21	122	118124	49.398	ng	98
33) 4-Chloroaniline	11.03	127	257293	49.069	ng	98
34) Hexachlorobutadiene	11.22	225	183866	53.101	ng	98
35) Caprolactam	11.82	113	68233	50.404	ng	95
36) 4-Chloro-3-methylphenol	12.16	107	209523	50.419	ng	96
37) 2-Methylnaphthalene	12.53	142	451931	50.469	ng	98
38) 1-Methylnaphthalene	12.75	142	425458	50.290	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	317388	50.131	ng	100

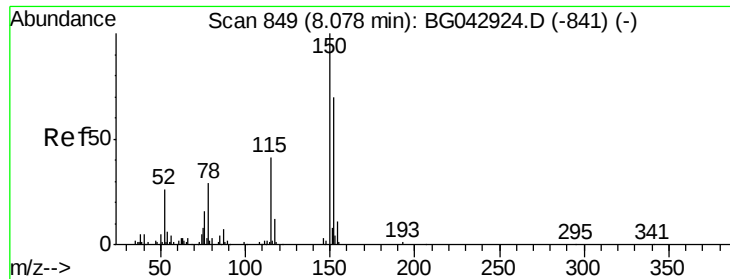
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092519\
 Data File : BG042925.D
 Acq On : 25 Sep 2019 12:46
 Operator : HP/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 25 14:06:19 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 12:51:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	209841	54.065	ng	95
43) 2,4,6-Trichlorophenol	13.13	196	189850	51.258	ng	98
44) 2,4,5-Trichlorophenol	13.21	196	196481	51.397	ng	97
46) 1,1'-Biphenyl	13.53	154	637181	48.875	ng	99
47) 2-Chloronaphthalene	13.57	162	491337	49.975	ng	98
48) 2-Nitroaniline	13.77	65	166313	50.416	ng	95
49) Acenaphthylene	14.42	152	749674	50.406	ng	100
50) Dimethylphthalate	14.15	163	627435	50.126	ng	98
51) 2,6-Dinitrotoluene	14.27	165	137627	51.620	ng	96
52) Acenaphthene	14.76	154	476286	48.383	ng	98
53) 3-Nitroaniline	14.60	138	140492	50.135	ng	95
54) 2,4-Dinitrophenol	14.79	184	86890	55.313	ng	96
55) Dibenzofuran	15.09	168	727962	49.850	ng	99
56) 4-Nitrophenol	14.91	139	109699	51.397	ng	95
57) 2,4-Dinitrotoluene	15.05	165	198532	52.468	ng	96
58) Fluorene	15.74	166	615667	49.867	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	204201	52.237	ng	94
60) Diethylphthalate	15.51	149	637950	50.513	ng	100
61) 4-Chlorophenyl-phenylether	15.73	204	367594	50.286	ng	98
62) 4-Nitroaniline	15.76	138	155292	51.181	ng	99
63) Azobenzene	16.02	77	579568	47.755	ng	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	114254	53.923	ng	94
66) n-Nitrosodiphenylamine	15.95	169	532536	49.519	ng	97
67) 4-Bromophenyl-phenylether	16.63	248	255247	51.858	ng	98
68) Hexachlorobenzene	16.75	284	285366	52.553	ng	97
69) Atrazine	16.89	200	222439	50.128	ng	95
70) Pentachlorophenol	17.09	266	169236	54.219	ng	97
71) Phenanthrene	17.48	178	983240	50.598	ng	98
72) Anthracene	17.57	178	993665	51.405	ng	99
73) Carbazole	17.84	167	922283	51.177	ng	98
74) Di-n-butylphthalate	18.40	149	1096484	52.261	ng	100
75) Fluoranthene	19.49	202	1304166	52.968	ng	99
77) Benzidine	19.67	184	586879	46.757	ng	99
78) Pyrene	19.85	202	1324102	49.101	ng	99
80) Butylbenzylphthalate	20.74	149	534368	51.315	ng	97
81) Benzo(a)anthracene	21.69	228	1414871	50.809	ng	98
82) 3,3'-Dichlorobenzidine	21.61	252	557544	50.268	ng	97
83) Chrysene	21.76	228	1353499	50.264	ng	100
84) Bis(2-ethylhexyl)phthalate	21.60	149	746219	50.667	ng	99
85) Di-n-octyl phthalate	22.83	149	1217127	49.944	ng	100
86) Indeno(1,2,3-cd)pyrene	28.64	276	1708146	50.879	ng	100
88) Benzo(b)fluoranthene	23.92	252	1477900	50.396	ng	98
89) Benzo(k)fluoranthene	23.99	252	1452623	51.272	ng	99
90) Benzo(a)pyrene	24.80	252	1388826	50.284	ng	99
91) Dibenzo(a,h)anthracene	28.71	278	1426722	50.871	ng	97
92) Benzo(g,h,i)perylene	29.79	276	1378155	50.804	ng	97

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

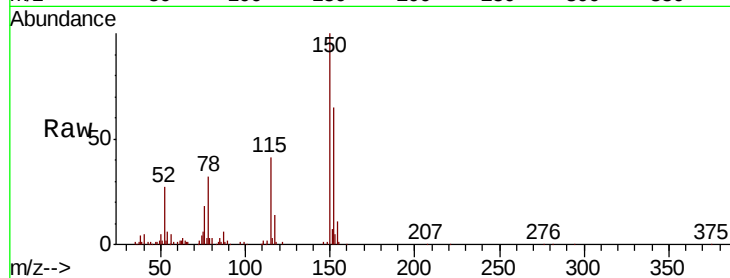


#1

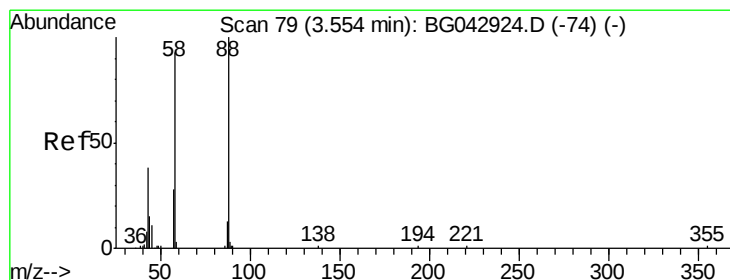
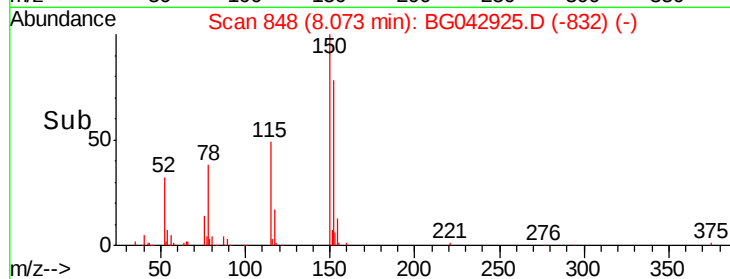
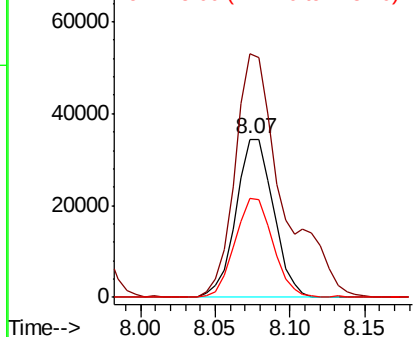
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG042925.D
Acq: 25 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	115.0	172.4
115	62.8	47.0	70.6



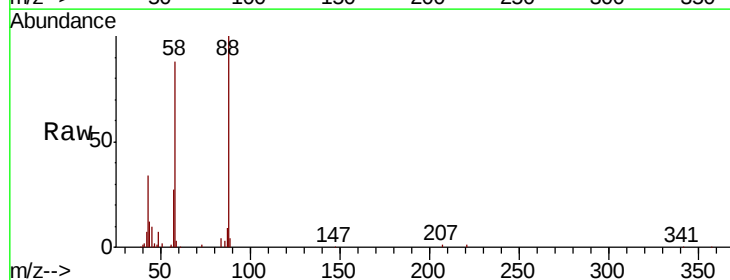
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



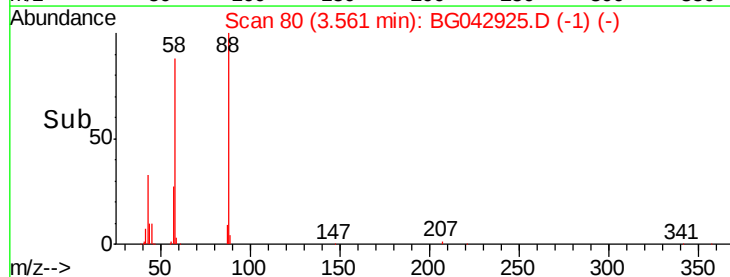
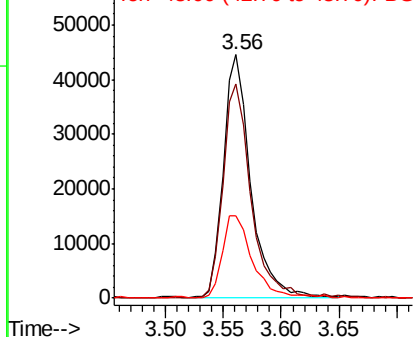
#2

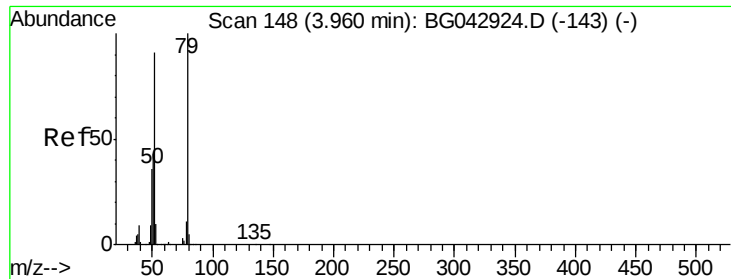
1,4-Dioxane
Concen: 50.988 ng
RT: 3.56 min Scan# 80
Delta R.T. 0.01 min
Lab File: BG042925.D
Acq: 25 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.0	74.3	111.5
43	37.5	29.8	44.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 51.522 ng

RT: 3.96 min Scan# 148

Delta R.T. 0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

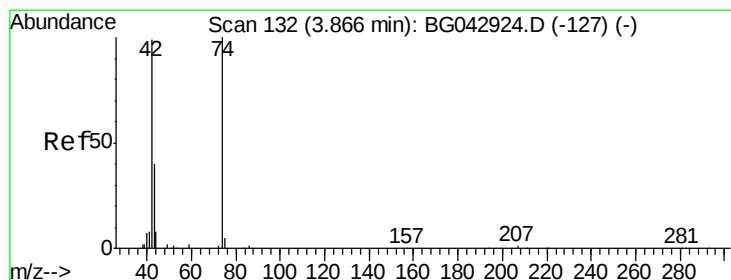
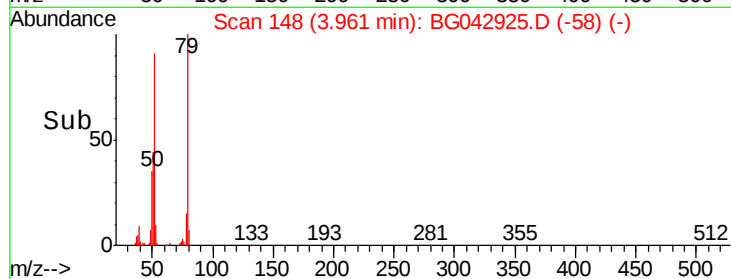
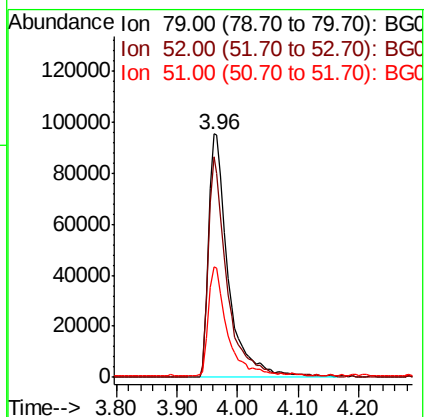
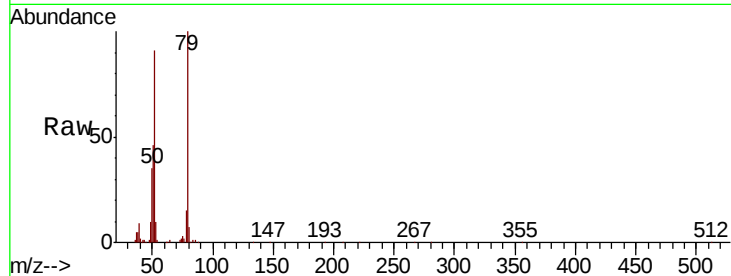
Tot Ion: 79 Resp: 216397

Ion Ratio Lower Upper

79 100

52 90.8 73.0 109.4

51 45.6 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 52.188 ng

RT: 3.87 min Scan# 133

Delta R.T. 0.01 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

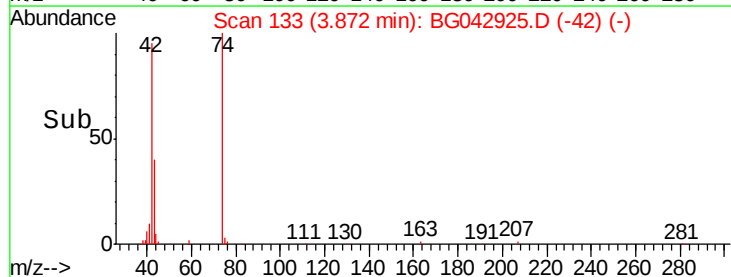
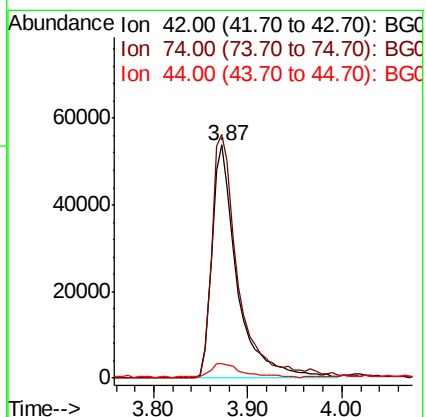
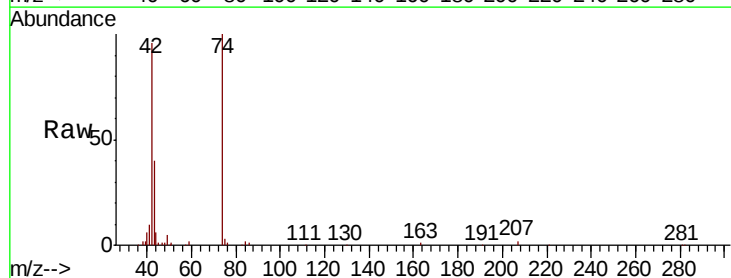
Tgt Ion: 42 Resp: 101598

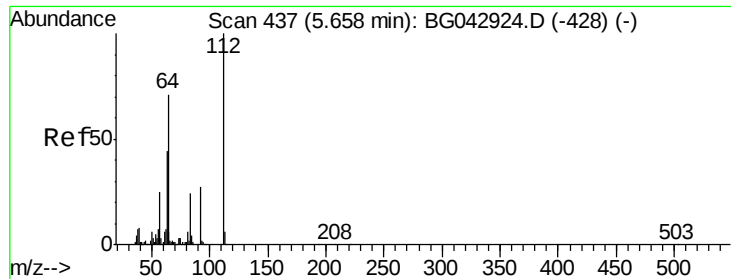
Ion Ratio Lower Upper

42 100

74 104.4 80.5 120.7

44 6.1 6.9 10.3#





#5

2-Fluorophenol

Concen: 101.927 ng

RT: 5.66 min Scan# 437

Delta R.T. 0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

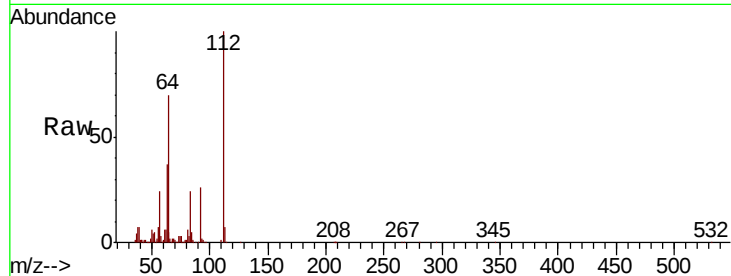
Tot Ion: 112 Resp: 353899

Ion Ratio Lower Upper

112 100

64 70.4 56.6 84.8

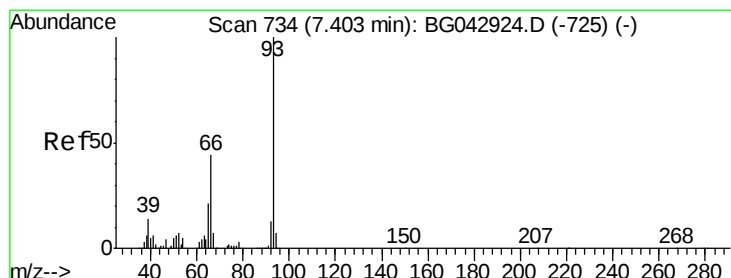
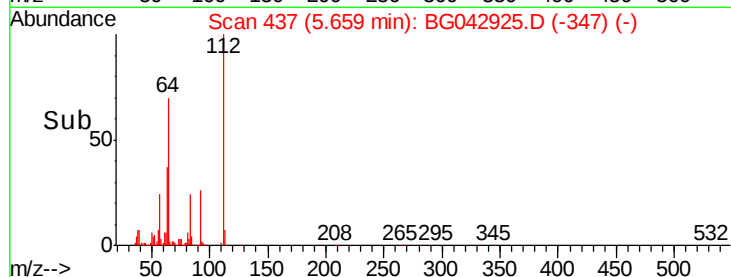
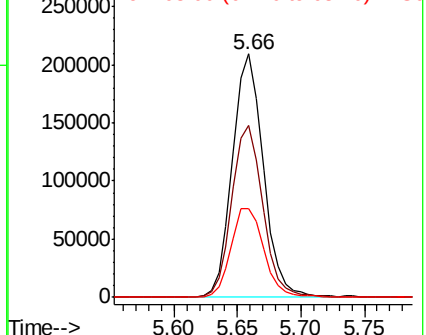
63 36.7 35.1 52.7



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



#6

Aniline

Concen: 49.718 ng

RT: 7.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

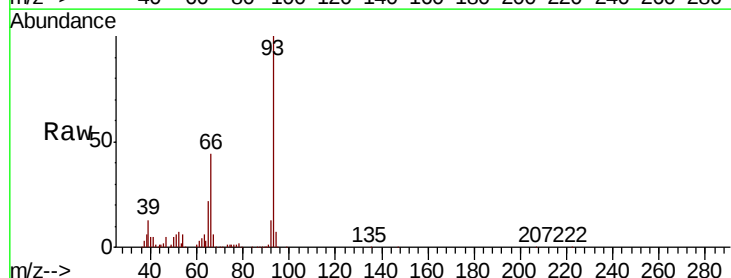
Tgt Ion: 93 Resp: 303893

Ion Ratio Lower Upper

93 100

66 44.0 35.0 52.6

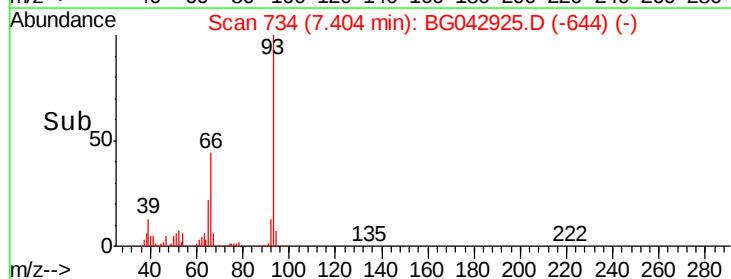
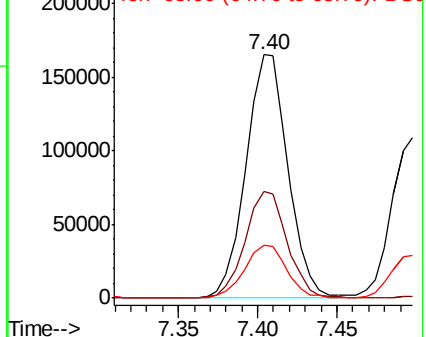
65 21.5 17.4 26.0

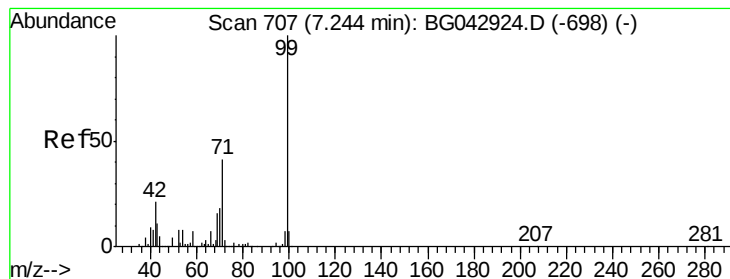


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 100.240 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

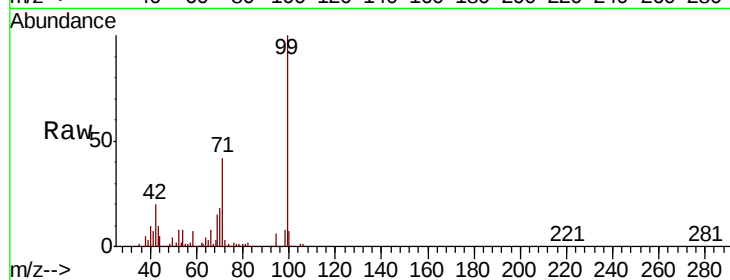
Tot Ion: 99 Resp: 502438

Ion Ratio Lower Upper

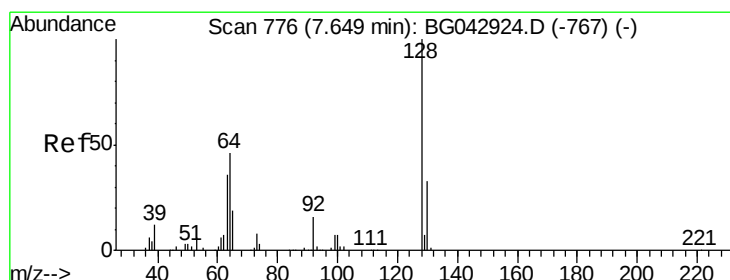
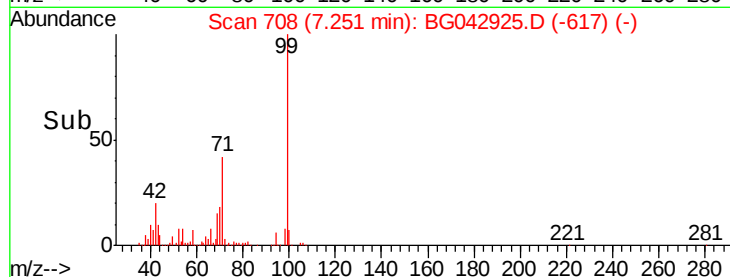
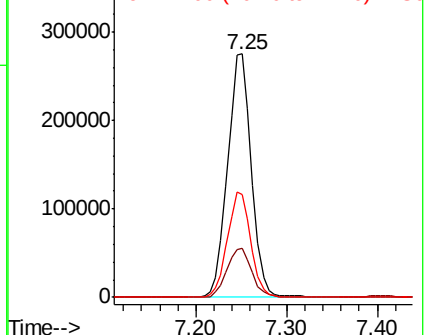
99 100

42 20.3 17.2 25.8

71 42.3 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



#8

2-Chlorophenol

Concen: 50.513 ng

RT: 7.64 min Scan# 775

Delta R.T. -0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

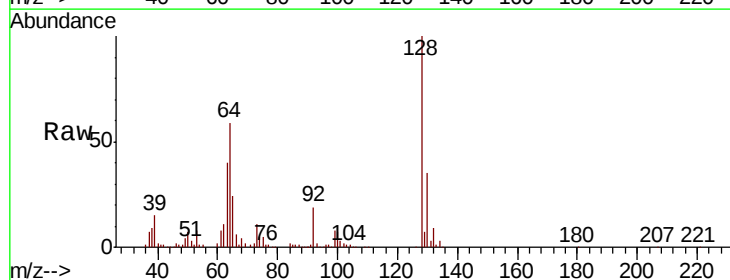
Tgt Ion: 128 Resp: 179586

Ion Ratio Lower Upper

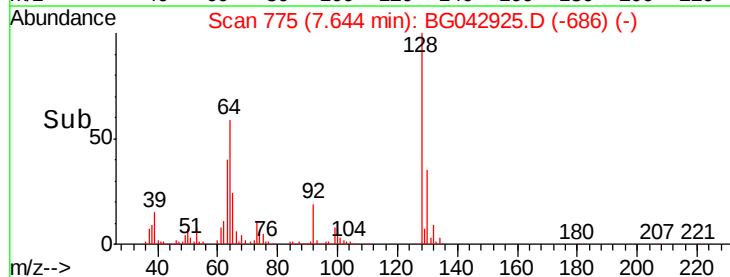
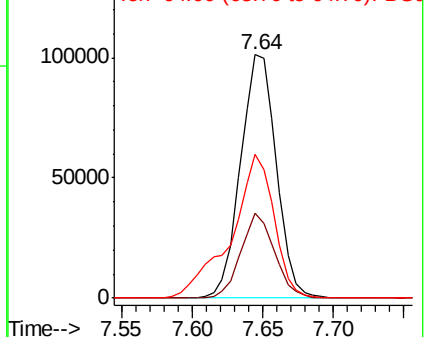
128 100

130 34.7 12.5 52.5

64 59.1 32.8 72.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 42.627 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

Instrument :

BNA_G

ClientSampled :

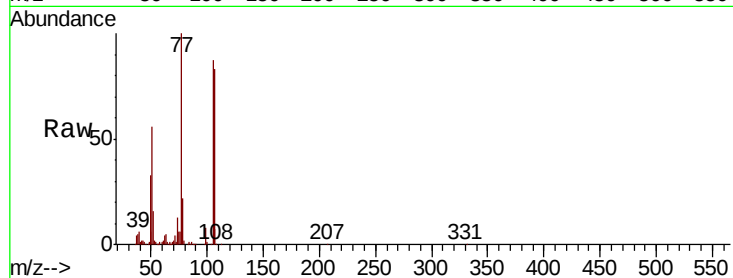
Tot Ion: 77 Resp: 132996

Ion Ratio Lower Upper

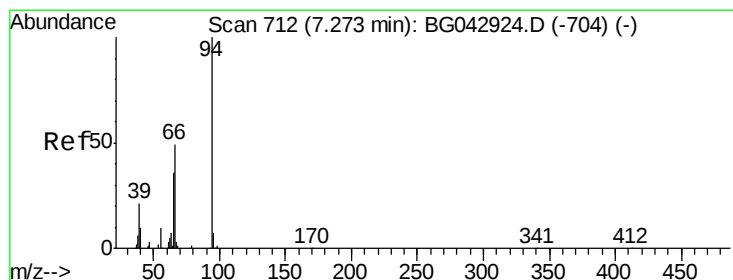
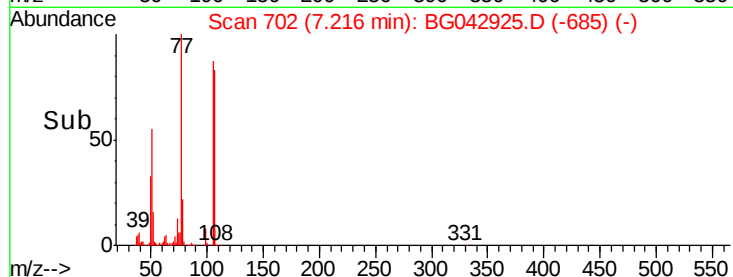
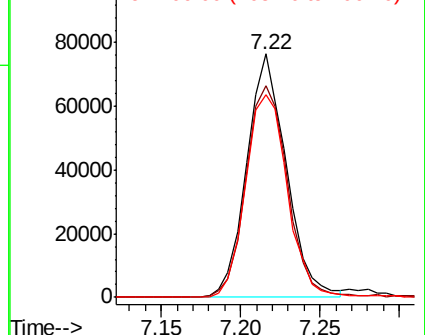
77 100

105 86.9 64.6 104.6

106 83.3 59.4 99.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 50.360 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

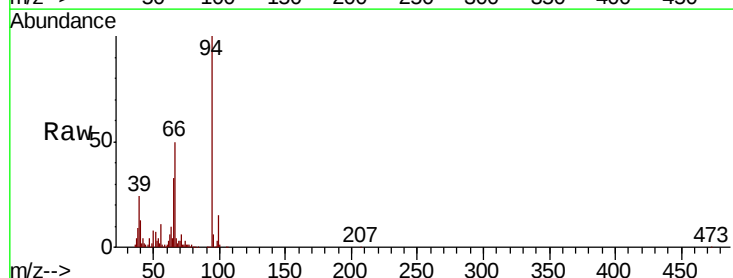
Tgt Ion: 94 Resp: 235293

Ion Ratio Lower Upper

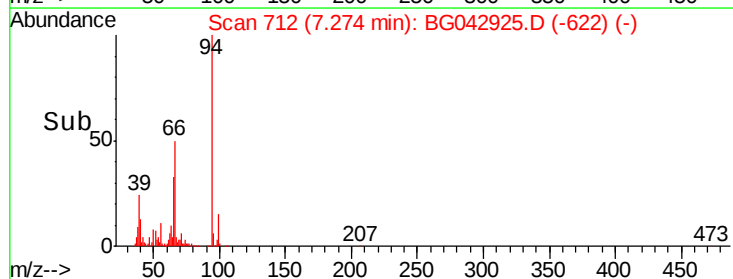
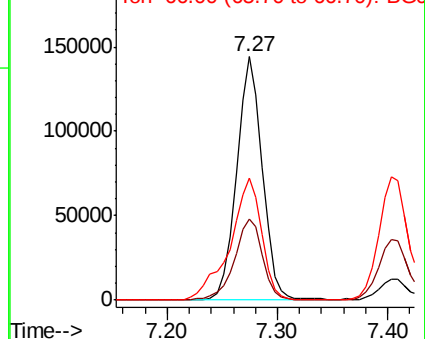
94 100

65 33.5 16.6 56.6

66 50.1 32.4 72.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

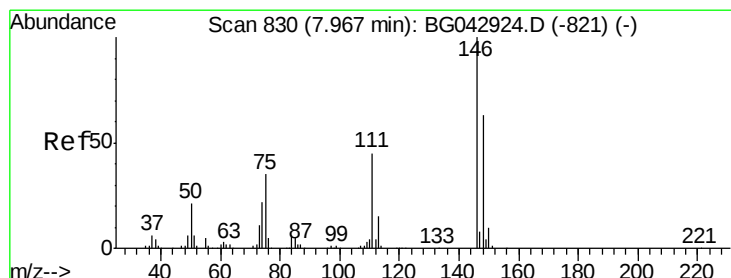
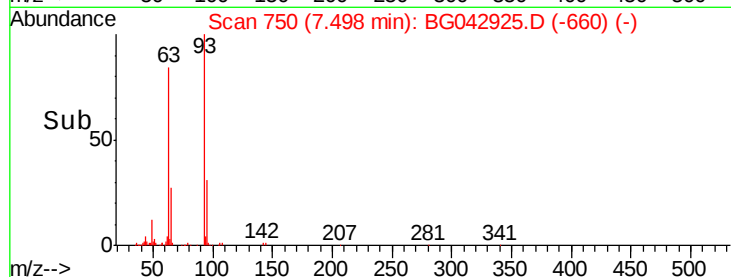
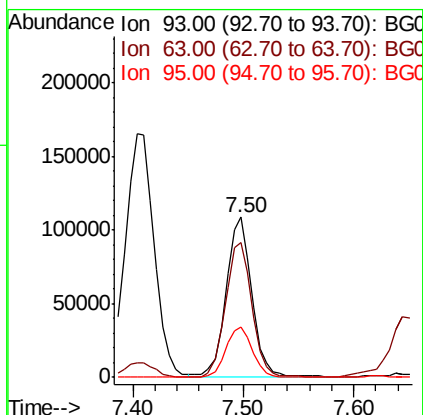
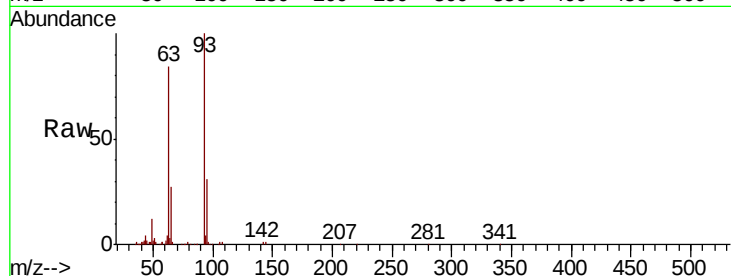




#11
bis(2-Chloroethyl)ether
Concen: 49.211 ng
RT: 7.50 min Scan# 750
Delta R.T. 0.00 min
Lab File: BG042925.D
Acq: 25 Sep 2019 12:46

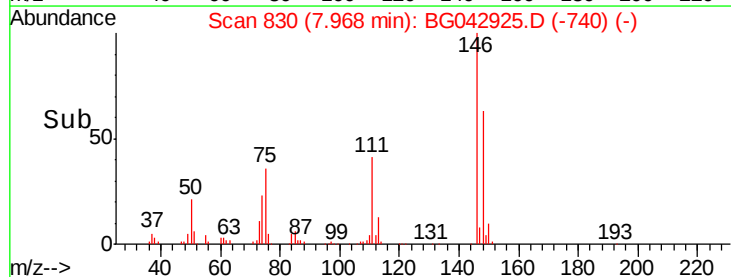
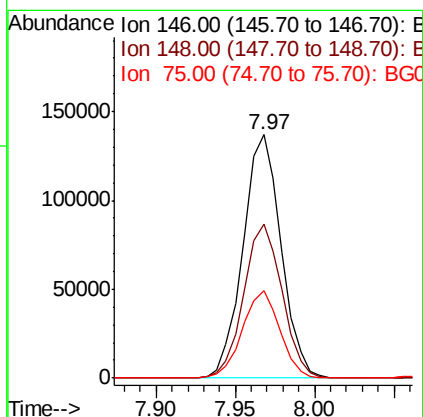
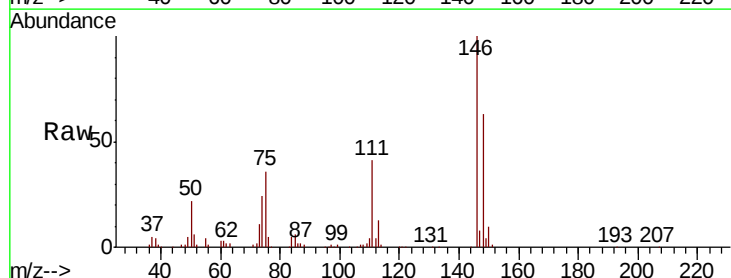
Instrument :
BNA_G
ClientSampleId :

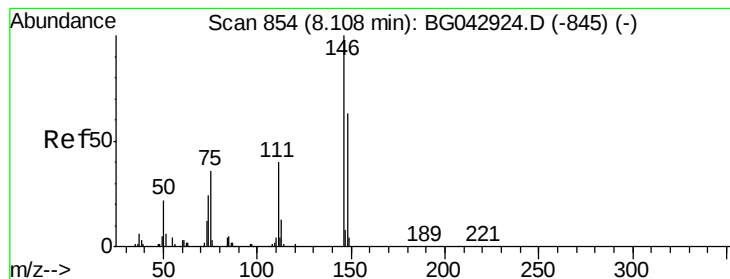
Tot Ion	Ratio	Lower	Upper
93	100		
63	83.8	67.4	107.4
95	31.5	11.9	51.9



#12
1,3-Dichlorobenzene
Concen: 50.938 ng
RT: 7.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG042925.D
Acq: 25 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.7	76.1
75	35.9	27.7	41.5





#13

1,4-Dichlorobenzene

Concen: 50.771 ng

RT: 8.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

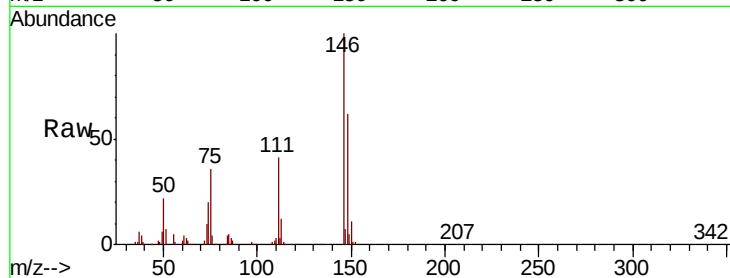
Tot Ion:146 Resp: 229066

Ion Ratio Lower Upper

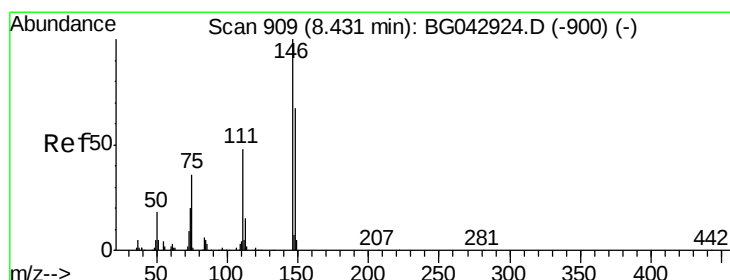
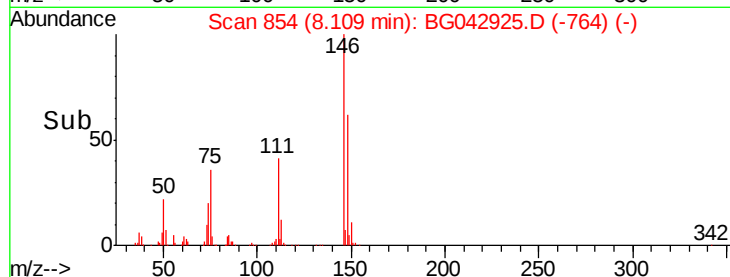
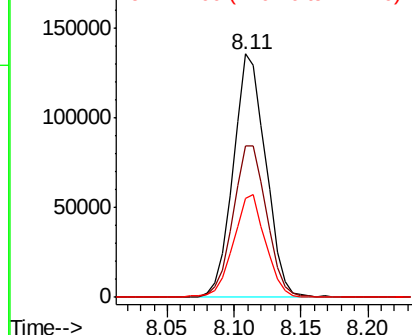
146 100

148 62.0 50.9 76.3

111 40.7 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: 50.648 ng

RT: 8.43 min Scan# 909

Delta R.T. 0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

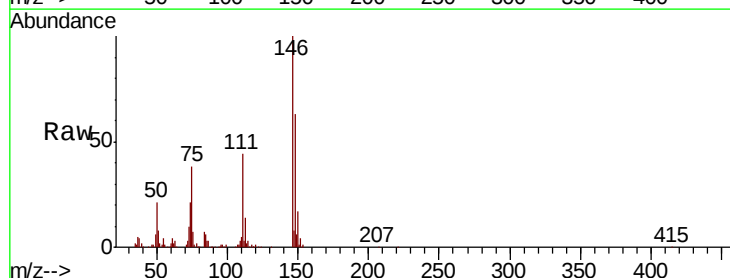
Tgt Ion:146 Resp: 216892

Ion Ratio Lower Upper

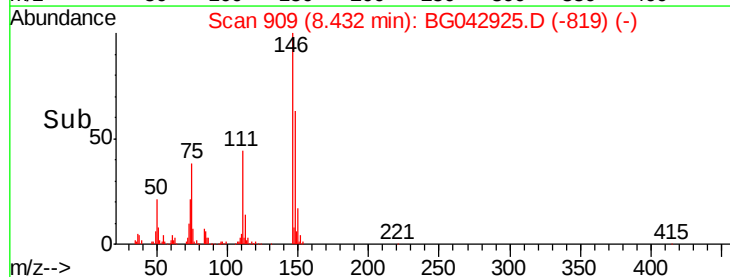
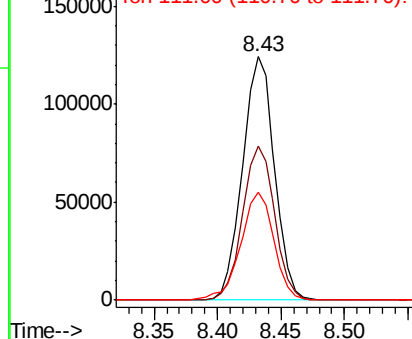
146 100

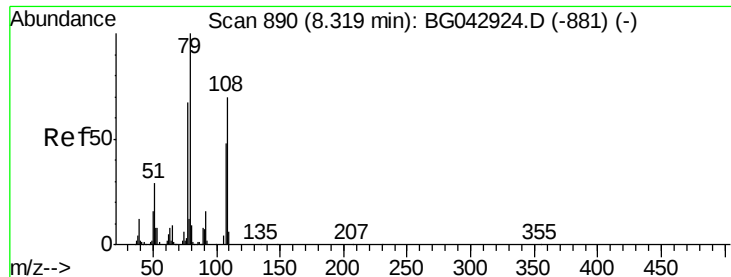
148 63.0 53.4 80.2

111 44.1 38.5 57.7



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





#15

Benzyl Alcohol

Concen: 50.250 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

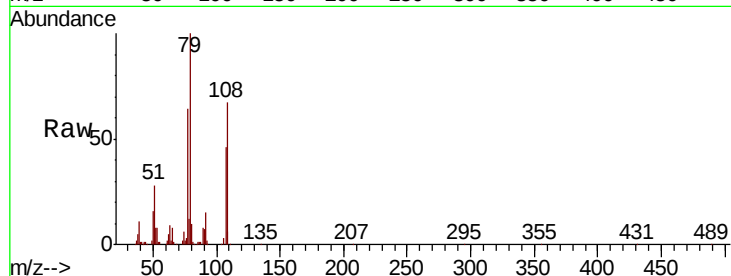
Tot Ion: 79 Resp: 189395

Ion Ratio Lower Upper

79 100

108 66.9 55.7 83.5

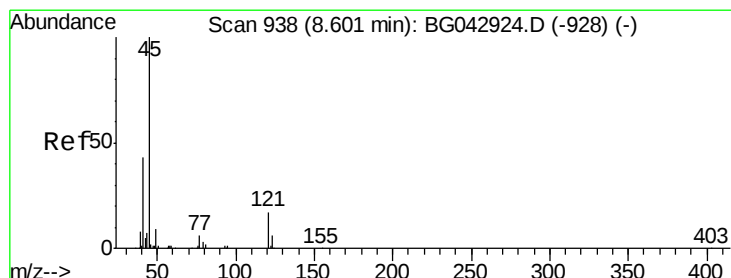
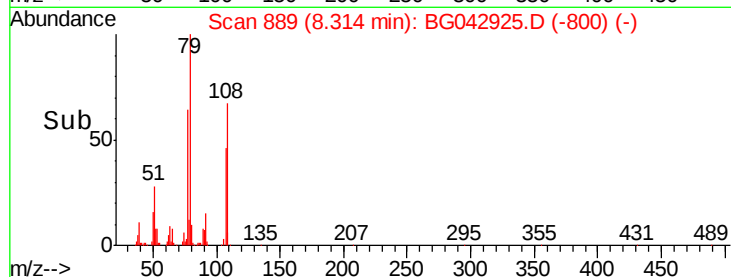
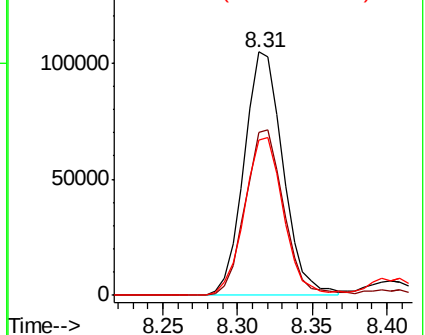
77 63.8 53.3 79.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.137 ng

RT: 8.61 min Scan# 939

Delta R.T. 0.01 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

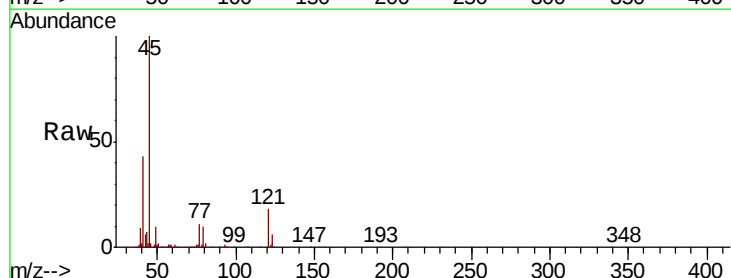
Tgt Ion: 45 Resp: 333610

Ion Ratio Lower Upper

45 100

77 11.4 0.0 32.8

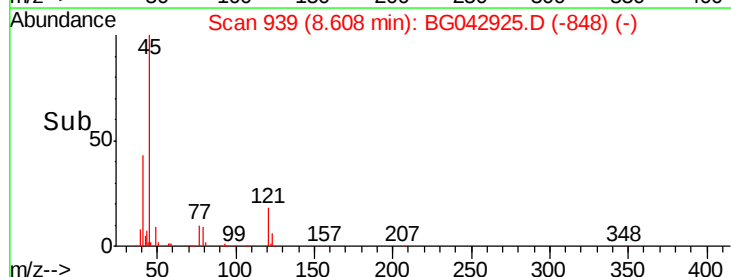
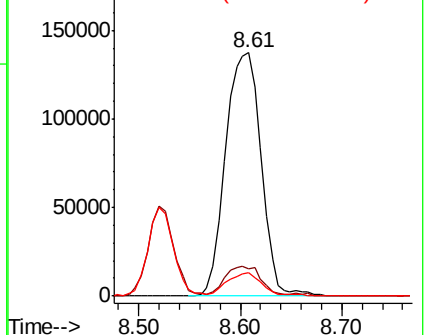
79 9.7 0.0 29.4

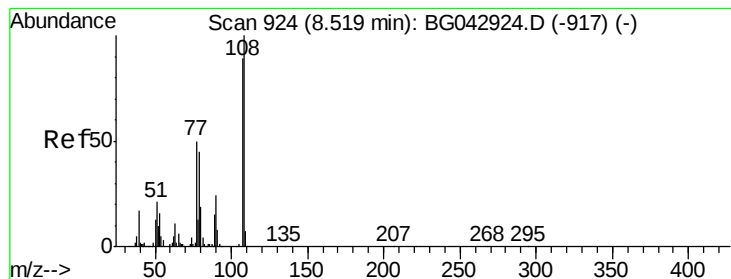


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 49.747 ng

RT: 8.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 160530

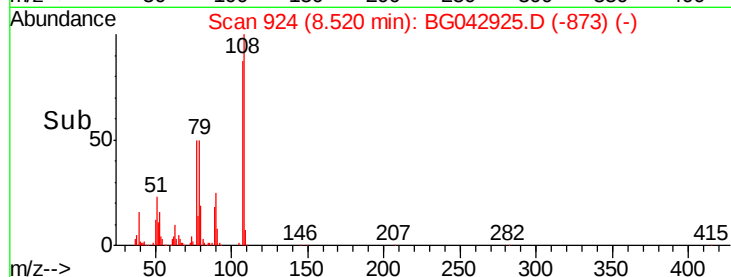
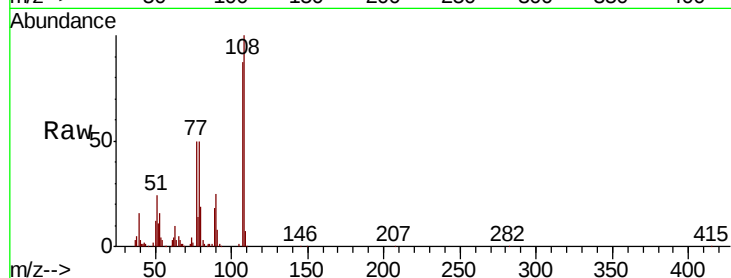
Ion Ratio Lower Upper

107 100

108 115.0 89.9 134.9

77 57.2 45.4 68.2

79 57.1 41.4 62.0



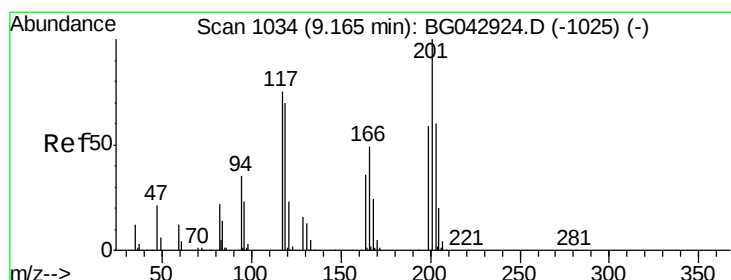
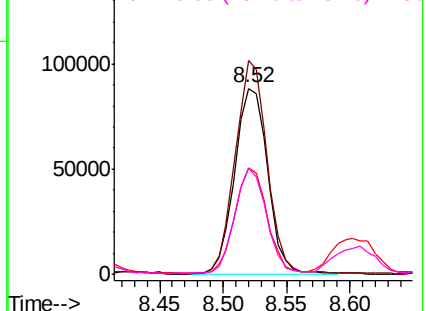
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 50.881 ng

RT: 9.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

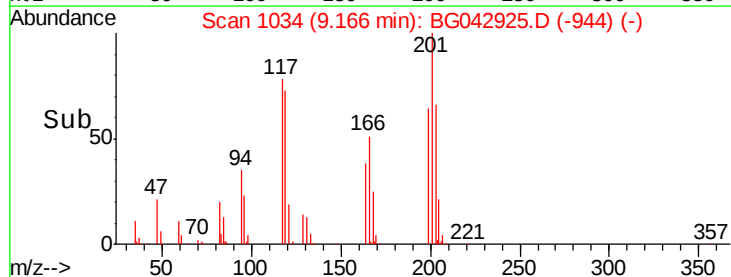
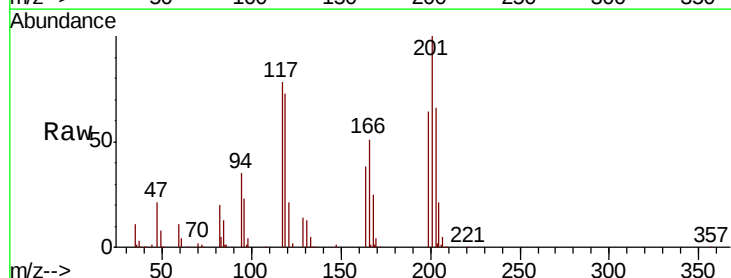
Tgt Ion:117 Resp: 84113

Ion Ratio Lower Upper

117 100

119 94.6 74.6 111.8

201 129.0 106.0 159.0

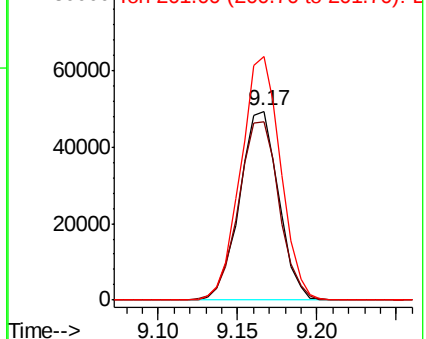


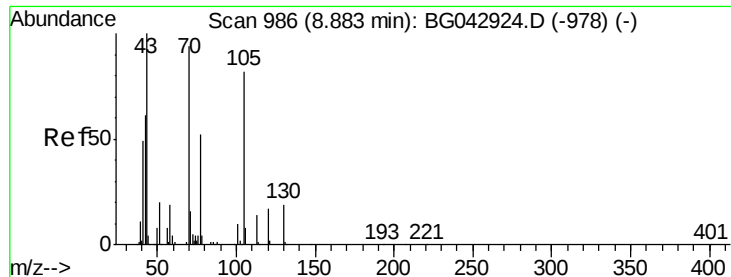
Abundance

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

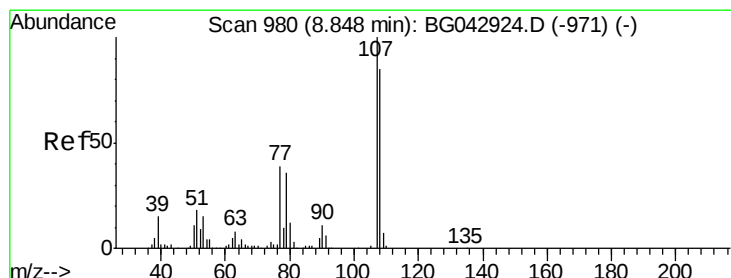
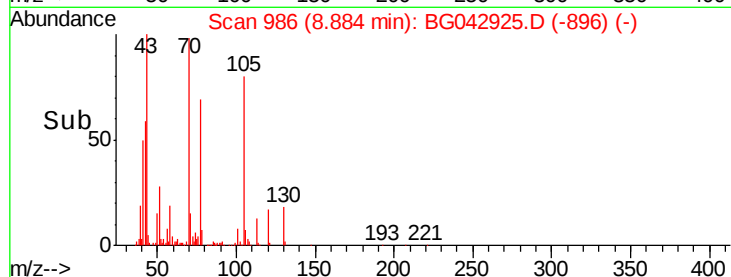
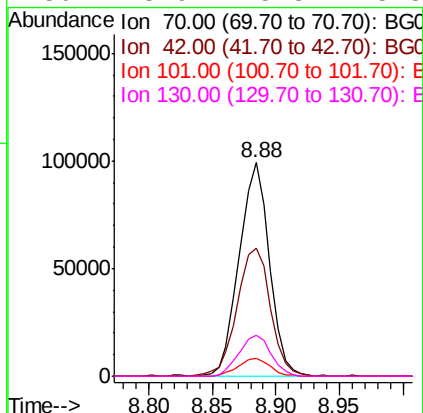
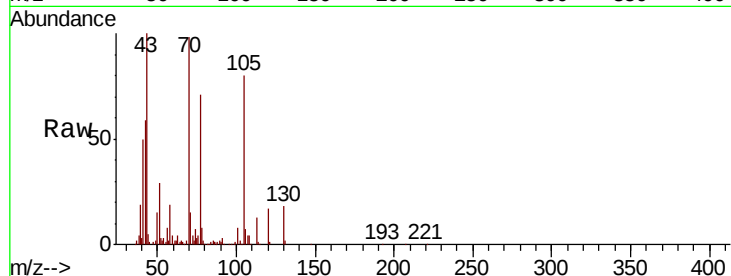




#19
n-Nitroso-di-n-propylamine
Concen: 48.919 ng
RT: 8.88 min Scan# 986
Delta R.T. 0.00 min
Lab File: BG042925.D
Acq: 25 Sep 2019 12:46

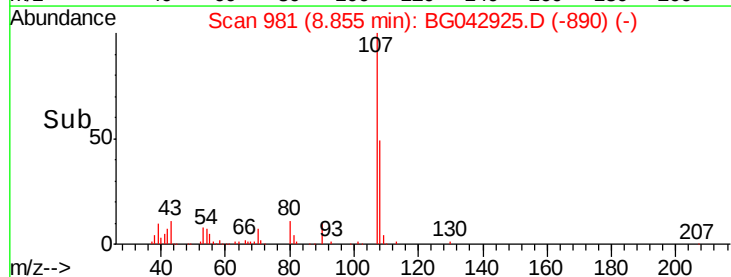
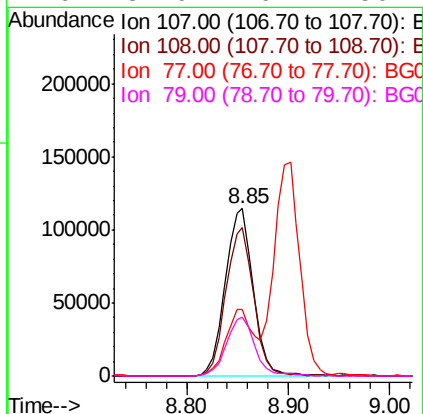
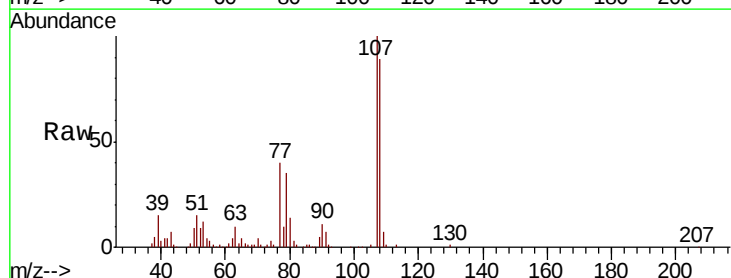
Instrument :
BNA_G
ClientSampleId :

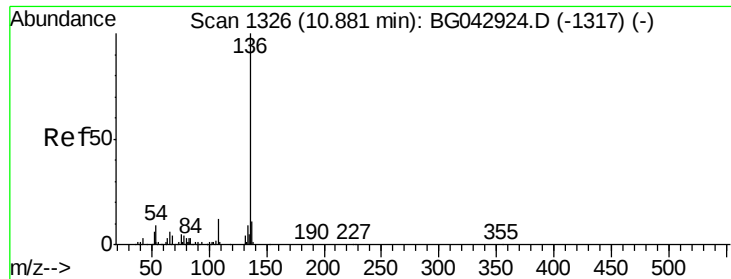
Tot Ion:	70	Resp:	163545
Ion	Ratio	Lower	Upper
70	100		
42	60.1	52.6	79.0
101	8.4	8.7	13.1#
130	18.9	15.8	23.8



#20
3+4-Methylphenols
Concen: 49.428 ng
RT: 8.85 min Scan# 981
Delta R.T. 0.01 min
Lab File: BG042925.D
Acq: 25 Sep 2019 12:46

Tgt Ion:	107	Resp:	219018
Ion	Ratio	Lower	Upper
107	100		
108	88.6	64.9	104.9
77	39.6	19.4	59.4
79	34.9	16.2	56.2

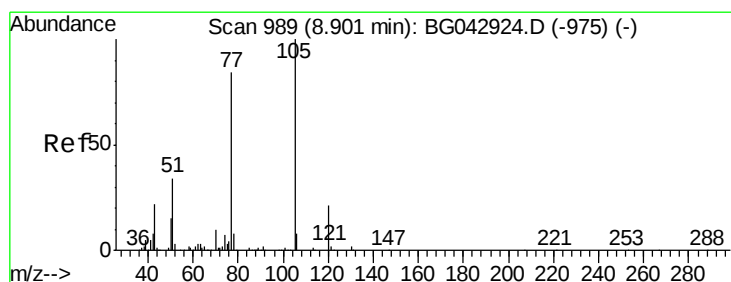
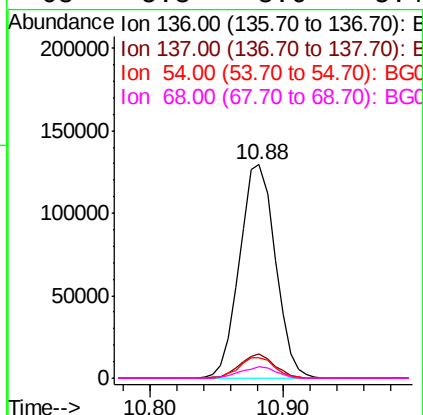
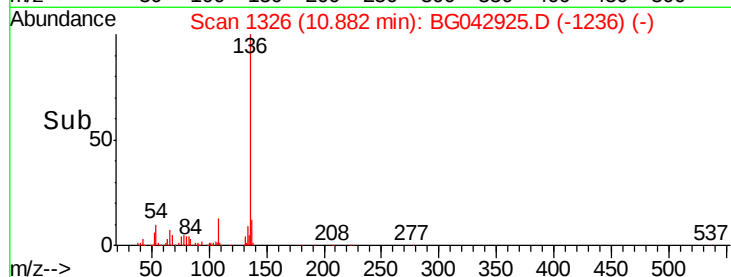
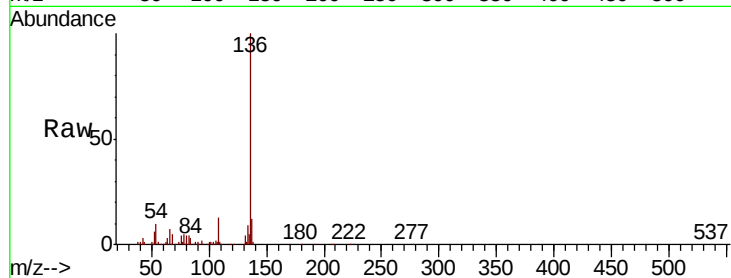




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG042925.D
Acq: 25 Sep 2019 12:46

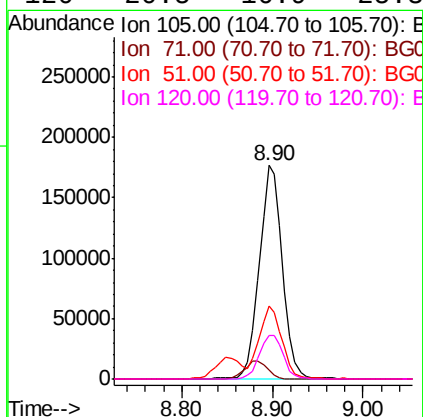
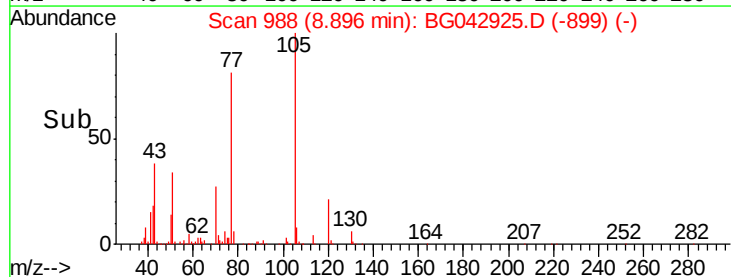
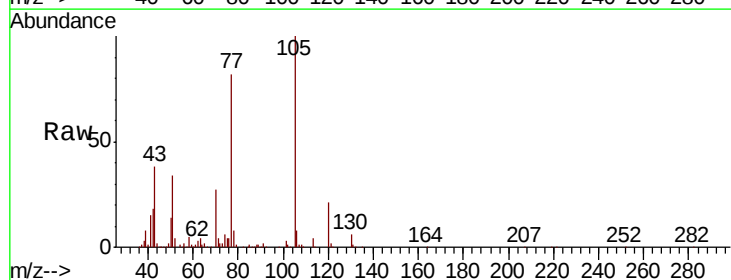
Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 240879
Ion Ratio	Lower Upper
136 100	
137 11.6	8.5 12.7
54 9.8	7.4 11.2
68 5.3	3.6 5.4



#22
Acetophenone
Concen: 49.882 ng
RT: 8.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BG042925.D
Acq: 25 Sep 2019 12:46

Tgt	Ion:105	Resp:	313470
Ion	Ratio	Lower	Upper
105	100		
71	4.3	1.2	1.8#
51	34.1	27.2	40.8
120	20.5	16.9	25.3

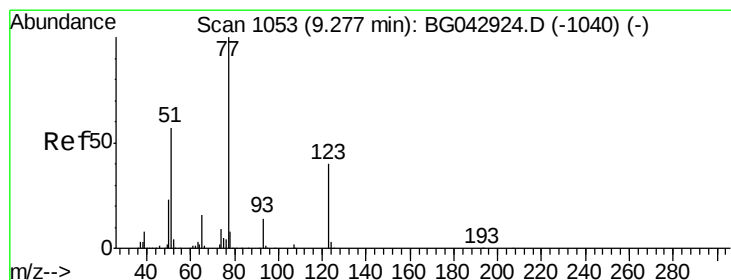
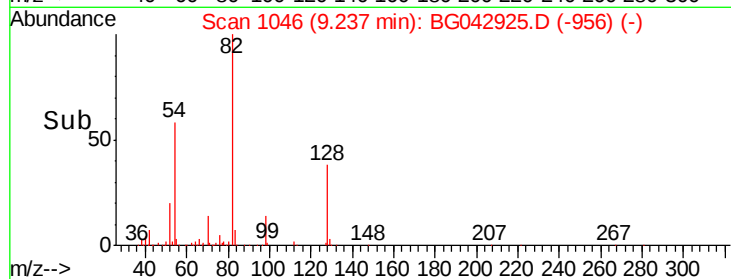
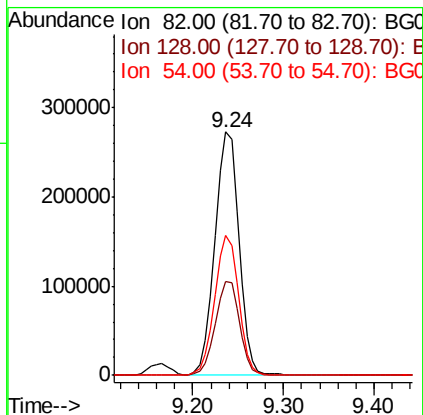
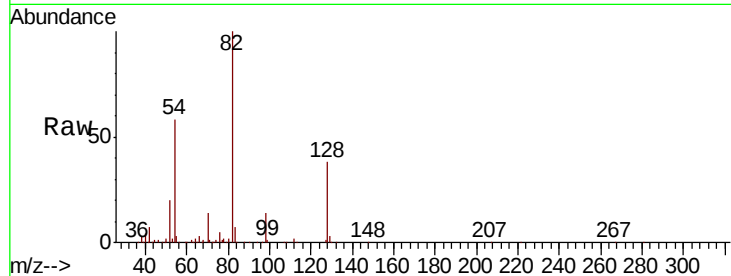




#23
 Nitrobenzene-d5
 Concen: 101.937 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BG042925.D
 Acq: 25 Sep 2019 12:46

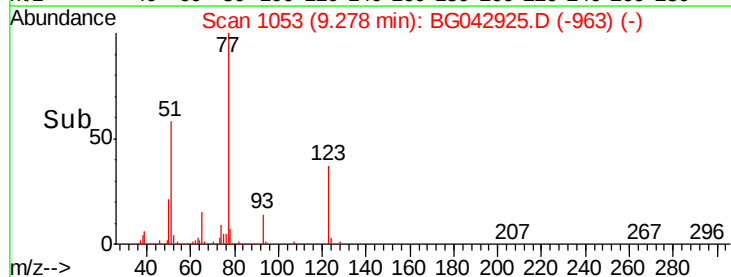
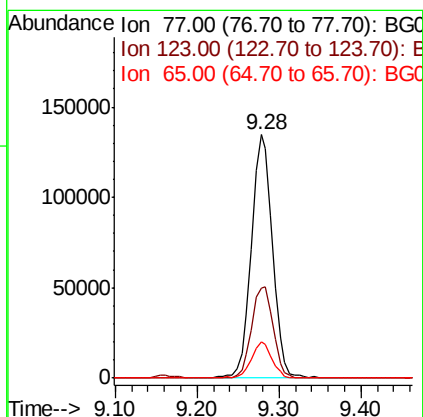
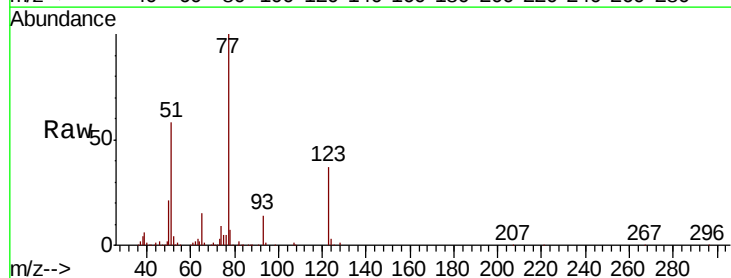
Instrument :
 BNA_G
 ClientSampleId :

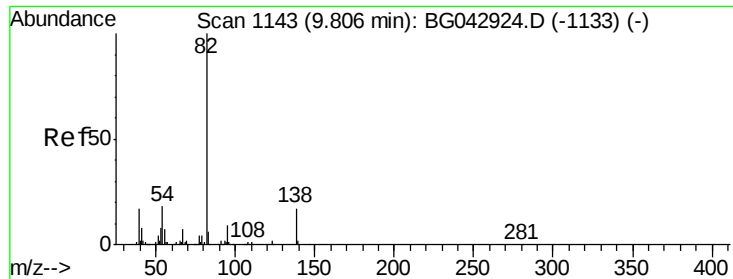
Tot Ion	82	Resp	503348
Ion Ratio	Lower	Upper	
82	100		
128	38.5	29.5	44.3
54	57.5	44.6	67.0



#24
 Nitrobenzene
 Concen: 50.661 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BG042925.D
 Acq: 25 Sep 2019 12:46

Tgt Ion	77	Resp	242353
Ion Ratio	Lower	Upper	
77	100		
123	37.2	31.9	47.9
65	15.0	12.4	18.6





#25

Isophorone

Concen: 49.322 ng

RT: 9.81 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

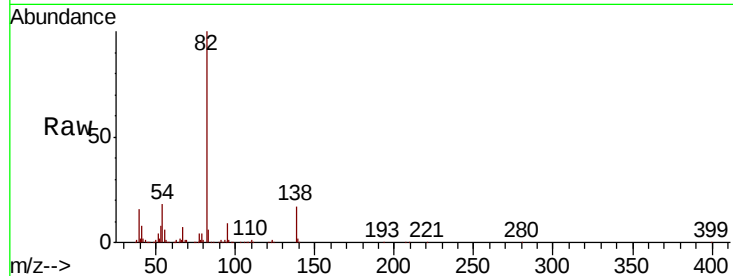
Tot Ion: 82 Resp: 435125

Ion Ratio Lower Upper

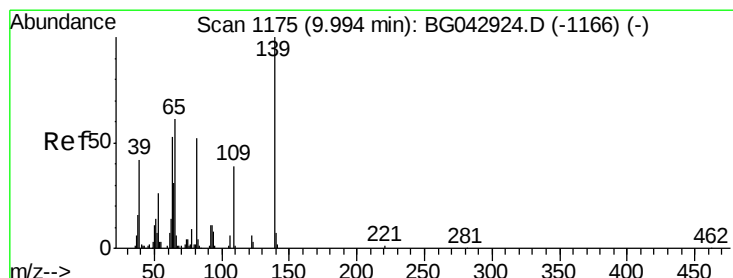
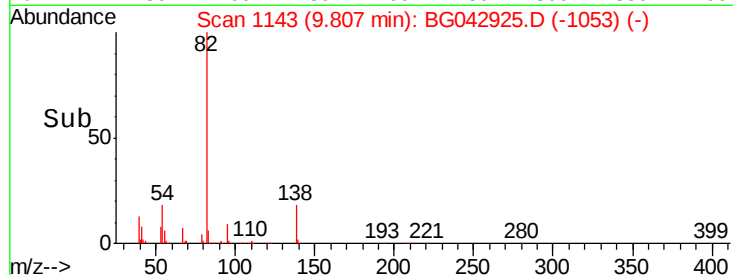
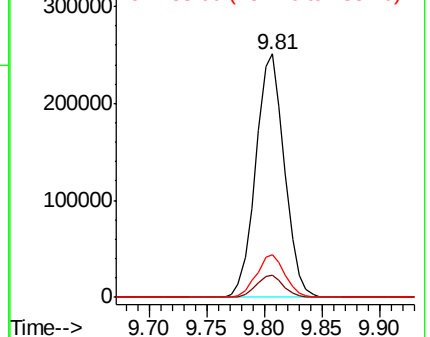
82 100

95 9.0 7.0 10.4

138 17.5 13.8 20.6



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



#26

2-Nitrophenol

Concen: 52.275 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

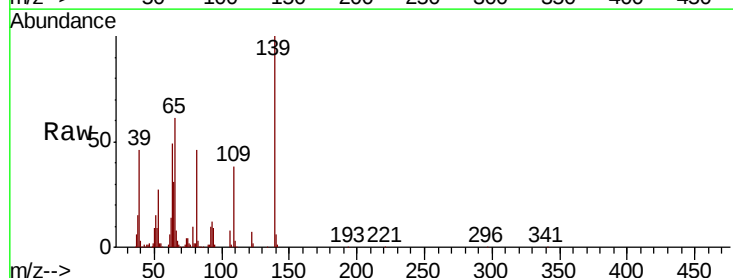
Tgt Ion: 139 Resp: 103096

Ion Ratio Lower Upper

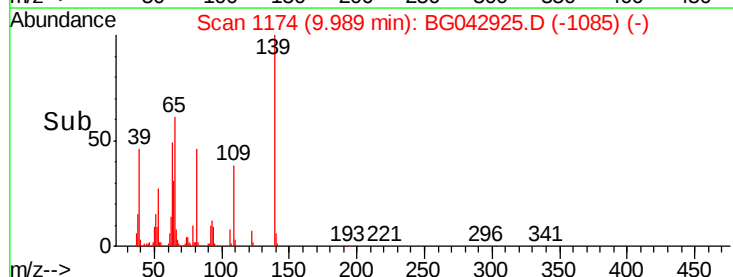
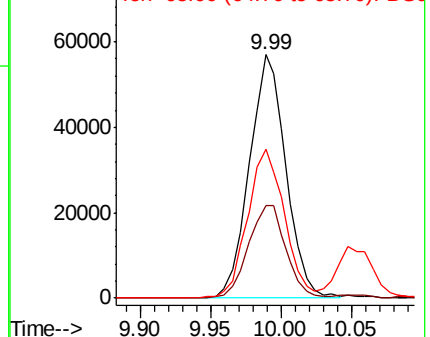
139 100

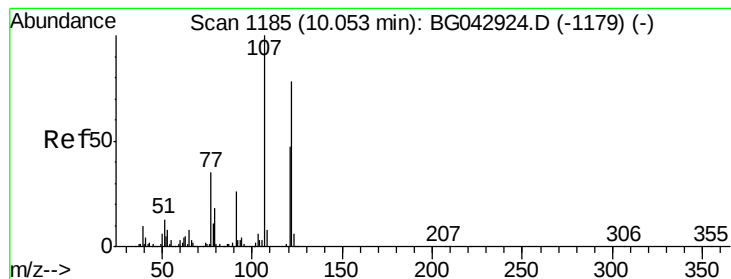
109 38.2 31.0 46.6

65 60.9 48.4 72.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 51.601 ng

RT: 10.05 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

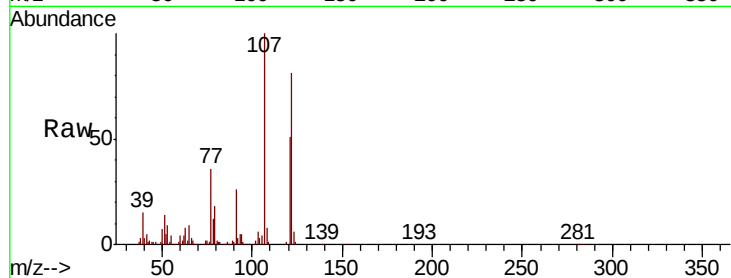
Tot Ion:122 Resp: 158960

Ion Ratio Lower Upper

122 100

107 123.2 102.2 153.2

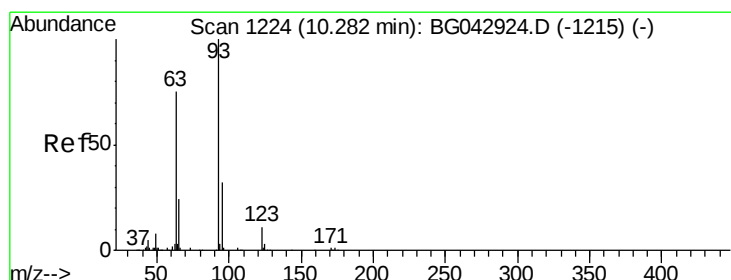
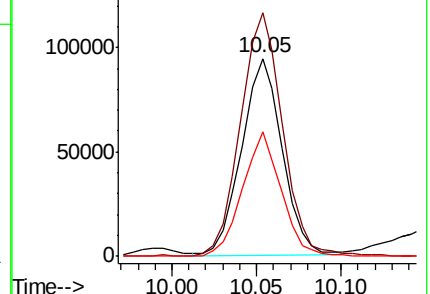
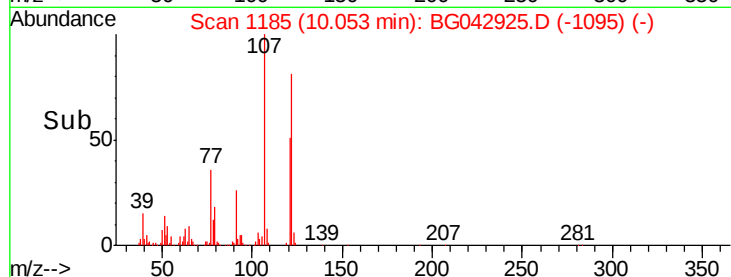
121 62.9 48.5 72.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.353 ng

RT: 10.28 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

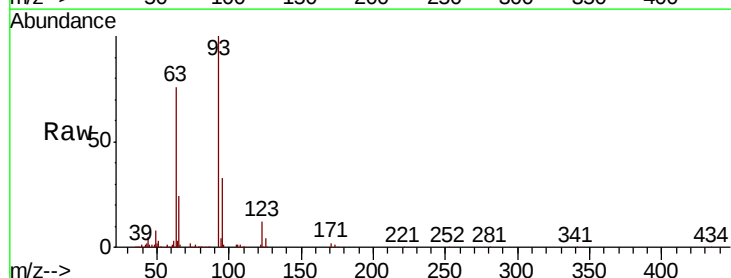
Tgt Ion: 93 Resp: 251276

Ion Ratio Lower Upper

93 100

95 33.4 25.4 38.0

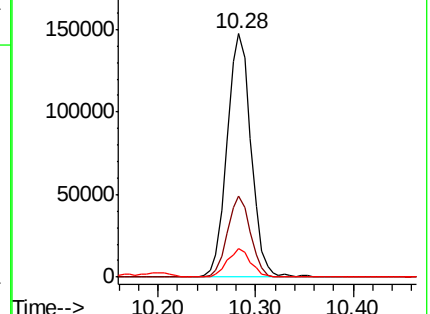
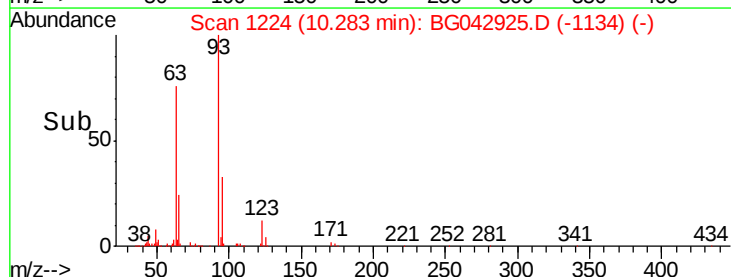
123 11.7 9.3 13.9



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 52.557 ng

RT: 10.53 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

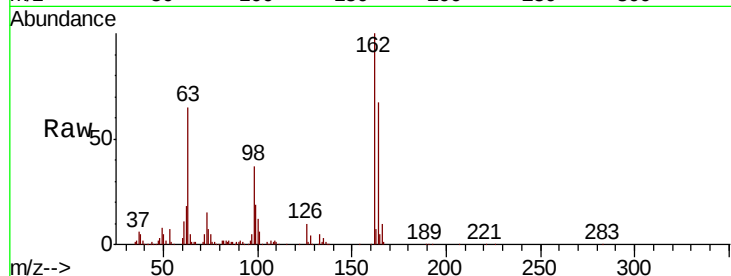
Tot Ion:162 Resp: 197242

Ion Ratio Lower Upper

162 100

164 67.2 44.7 84.7

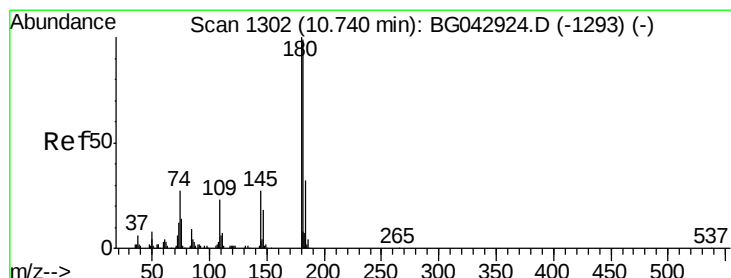
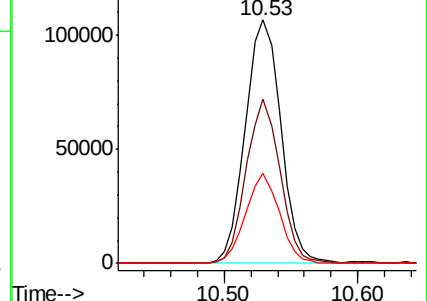
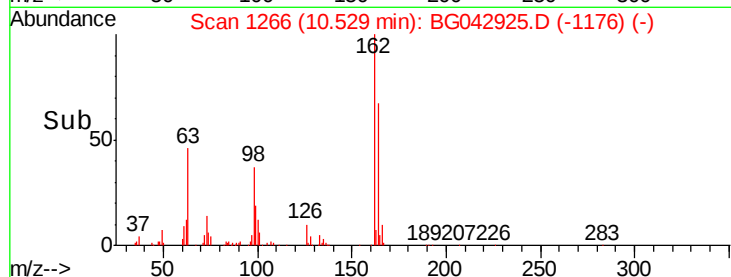
98 36.7 16.0 56.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 51.565 ng

RT: 10.74 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

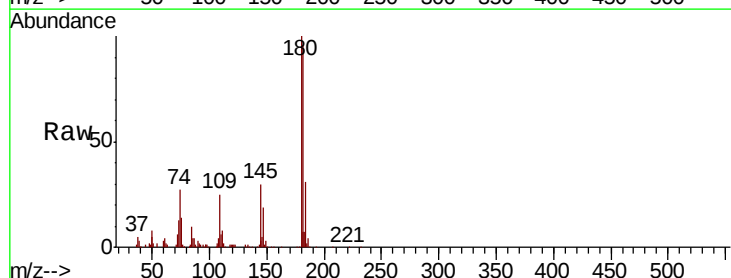
Tgt Ion:180 Resp: 247405

Ion Ratio Lower Upper

180 100

182 96.4 79.3 118.9

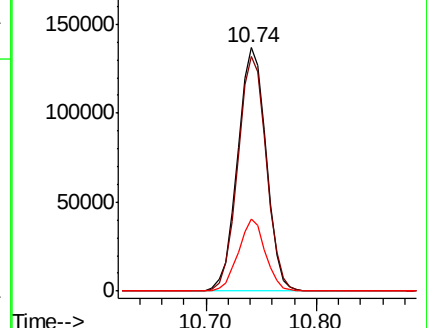
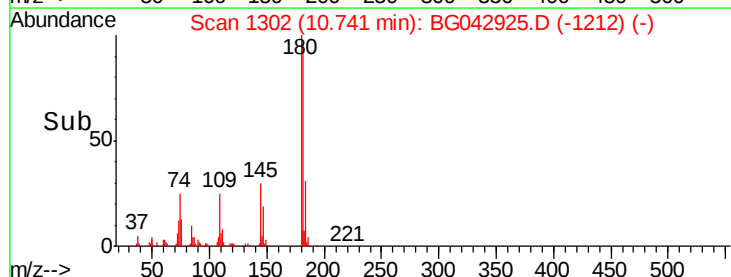
145 29.7 22.0 33.0

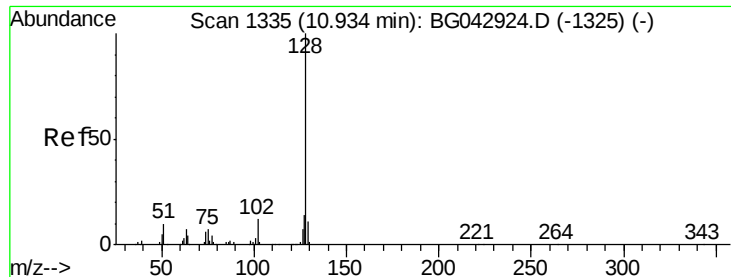


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

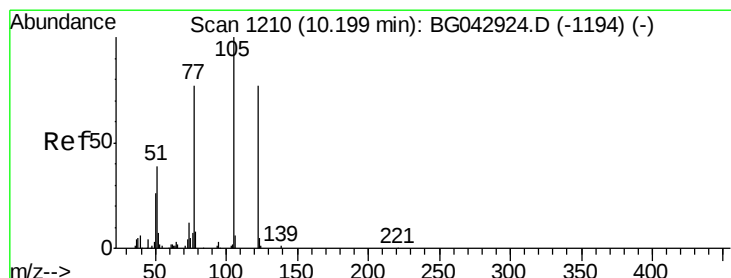
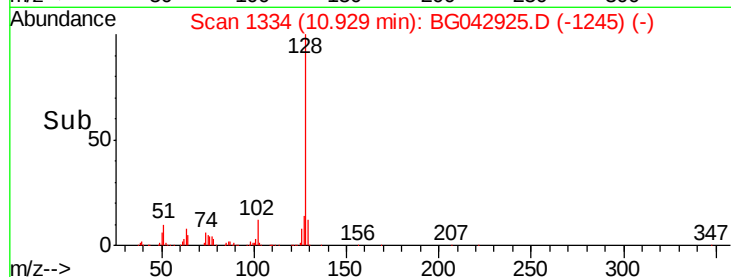
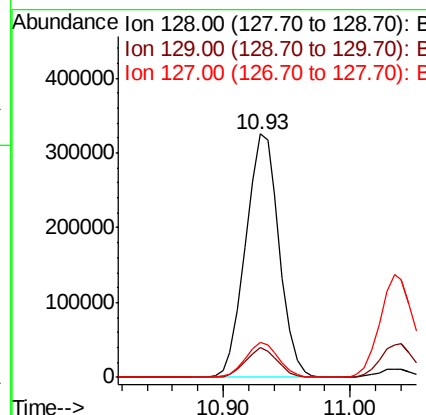
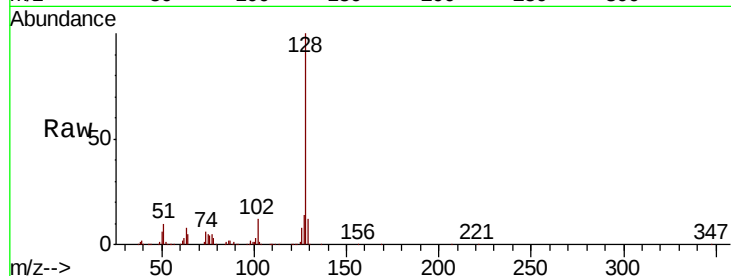




#31
Naphthalene
Concen: 50.550 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG042925.D
Acq: 25 Sep 2019 12:46

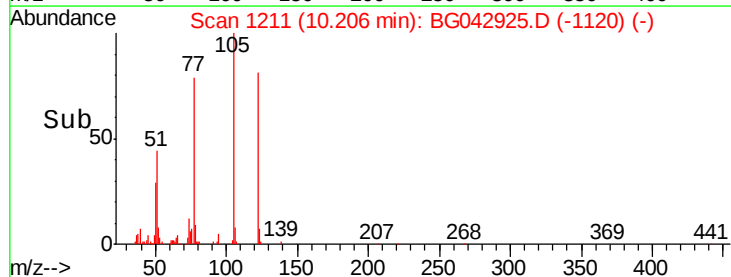
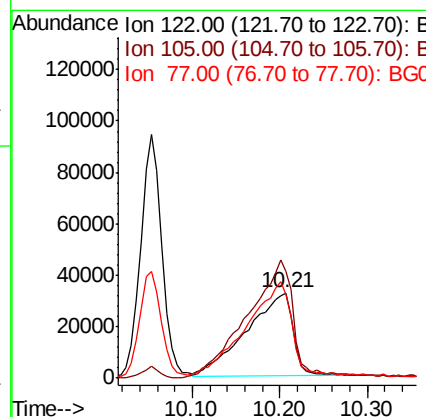
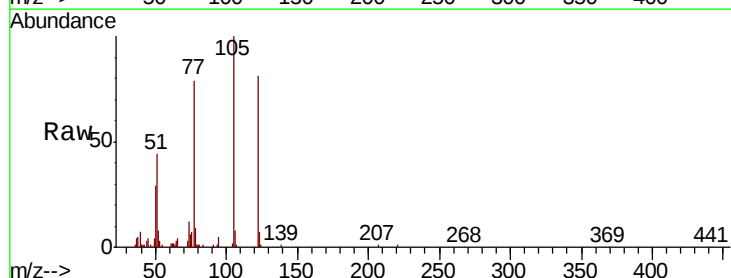
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.8	13.2
127	14.4	11.3	16.9



#32
Benzoic acid
Concen: 49.398 ng
RT: 10.21 min Scan# 1211
Delta R.T. 0.01 min
Lab File: BG042925.D
Acq: 25 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.1	107.5	147.5
77	98.2	79.8	119.8

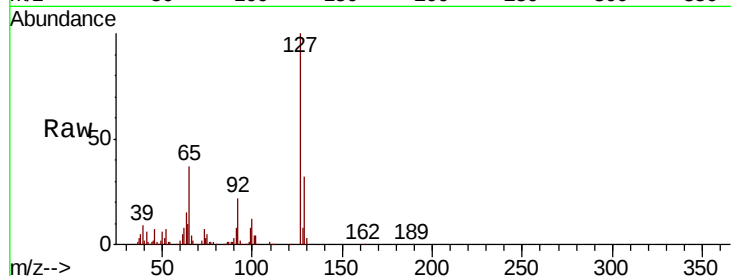




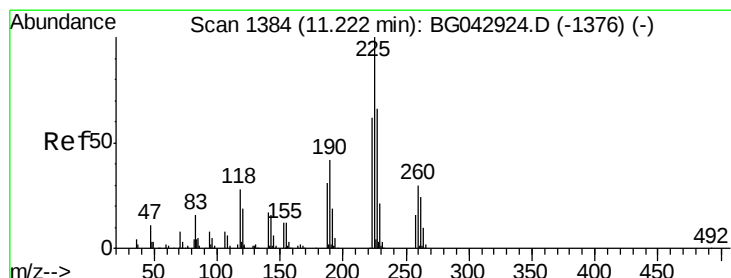
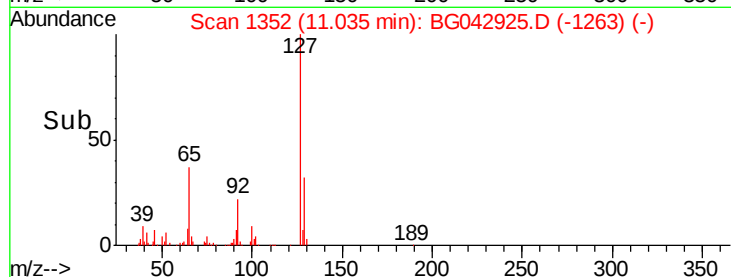
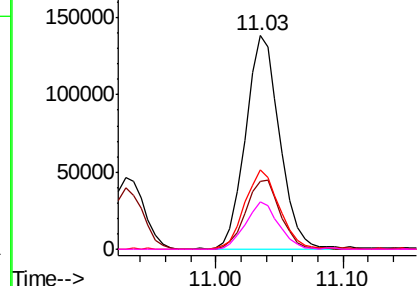
#33
4-Chloroaniline
Concen: 49.069 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BG042925.D
Acq: 25 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	257293
Ion Ratio	Lower	Upper
127	100	
129	31.8	26.2 39.2
65	37.2	30.6 45.8
92	22.1	16.2 24.4

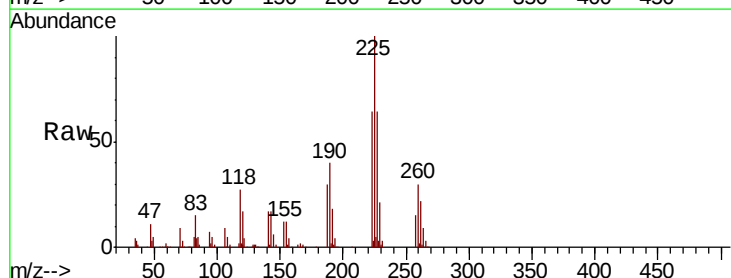


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

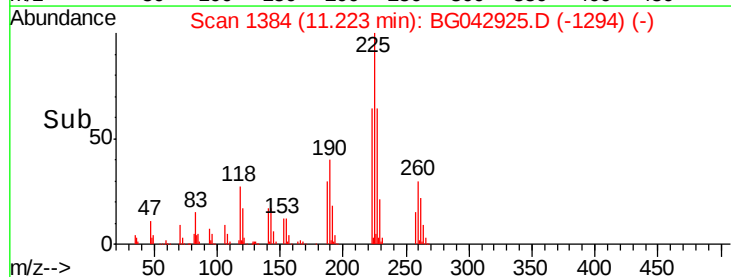
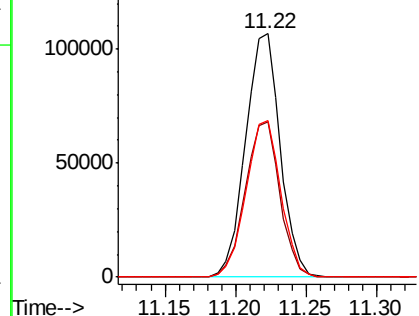


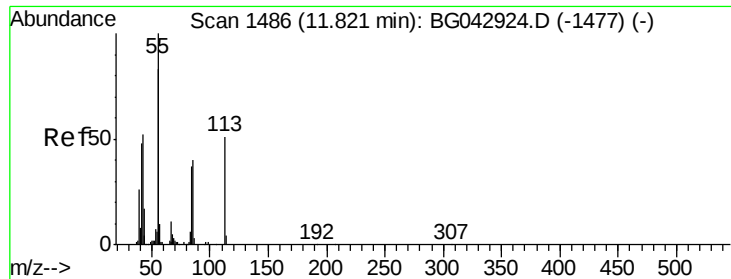
#34
Hexachlorobutadiene
Concen: 53.101 ng
RT: 11.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BG042925.D
Acq: 25 Sep 2019 12:46

Tgt Ion:225	Resp:	183866
Ion Ratio	Lower	Upper
225	100	
223	63.6	49.3 73.9
227	64.2	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





#35

Caprolactam

Concen: 50.404 ng

RT: 11.82 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

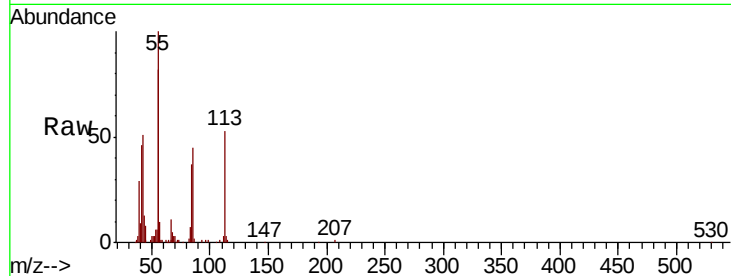
Tot Ion:113 Resp: 68233

Ion Ratio Lower Upper

113 100

55 189.3 175.5 215.5

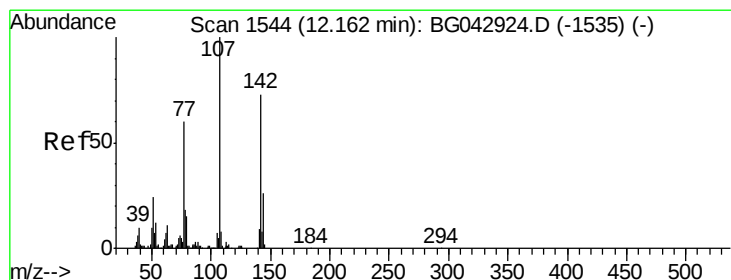
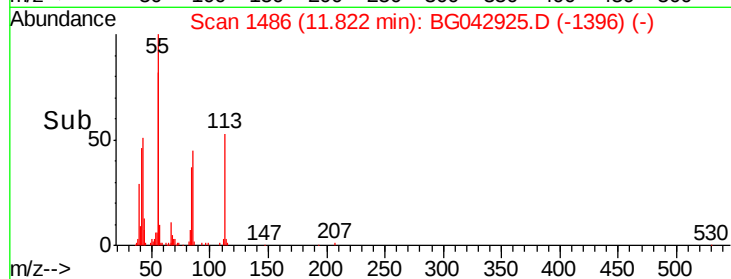
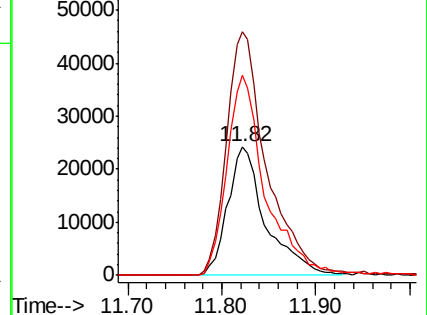
56 155.7 142.3 182.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 50.419 ng

RT: 12.16 min Scan# 1543

Delta R.T. -0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

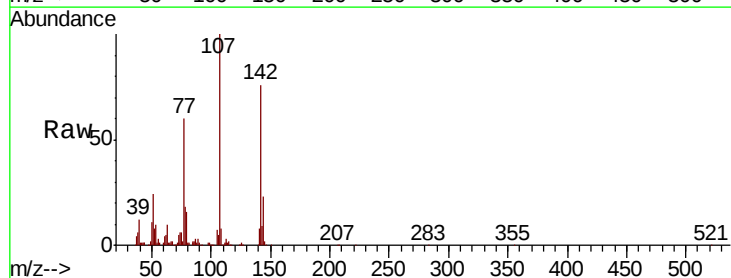
Tgt Ion:107 Resp: 209523

Ion Ratio Lower Upper

107 100

144 23.5 20.7 31.1

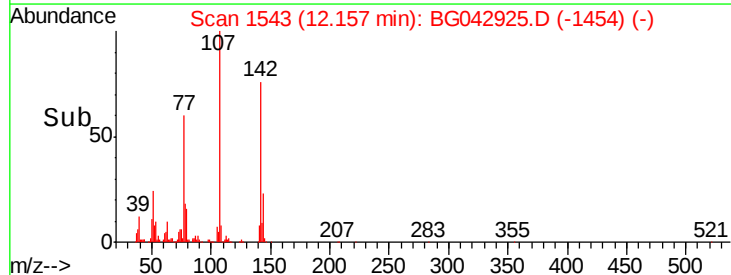
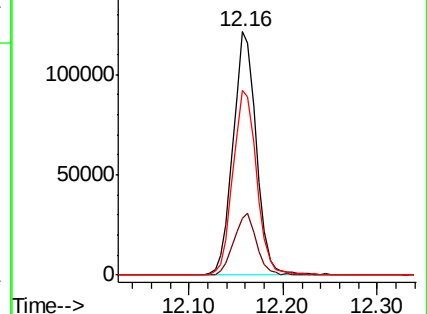
142 75.8 58.6 87.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

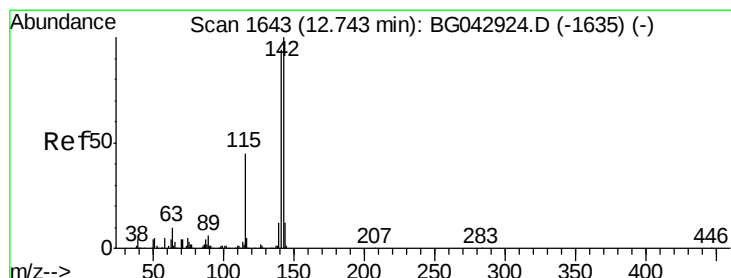
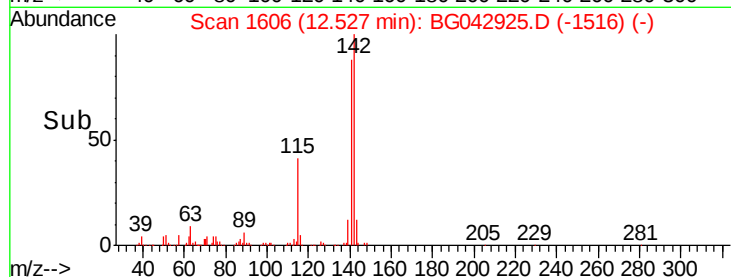
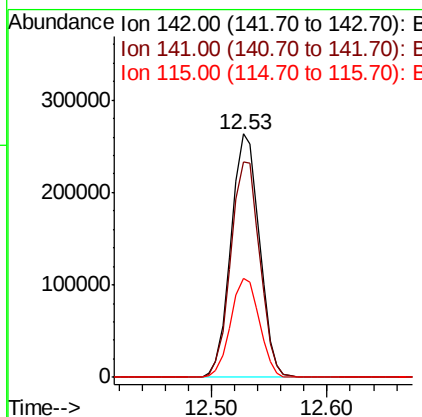
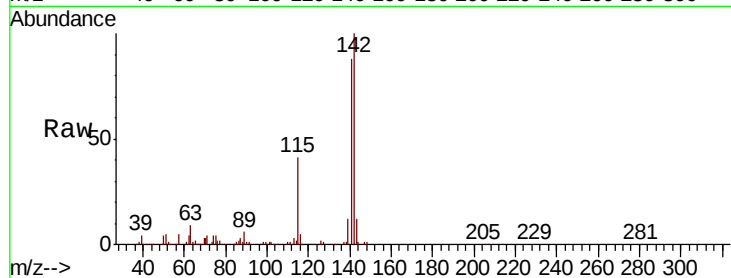




#37
2-Methylnaphthalene
Concen: 50.469 ng
RT: 12.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BG042925.D
Acq: 25 Sep 2019 12:46

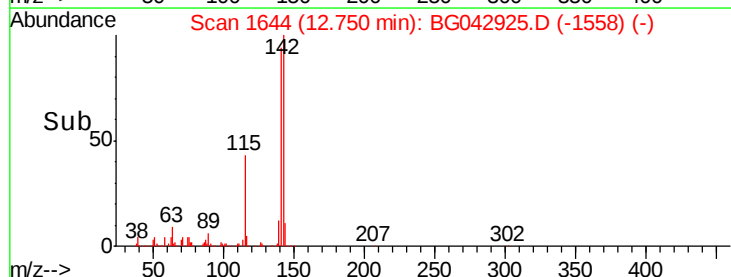
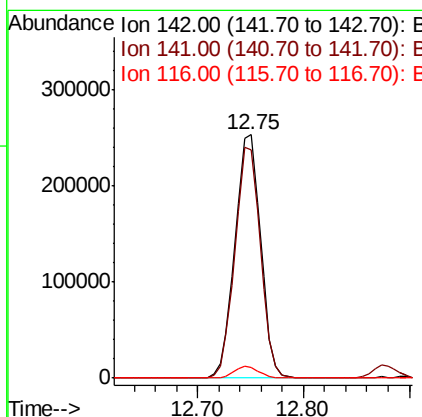
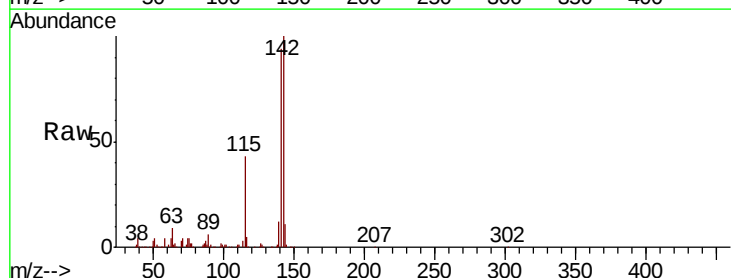
Instrument :
BNA_G
ClientSampleId :

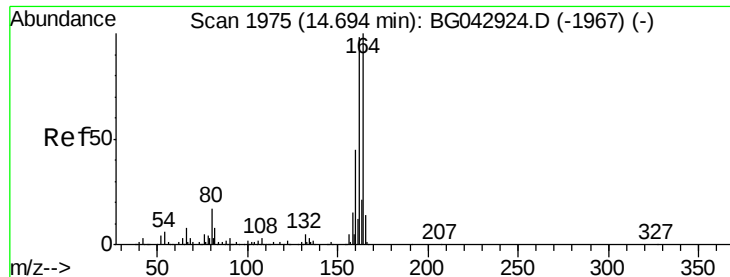
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	69.0	103.4
115	40.6	32.8	49.2



#38
1-Methylnaphthalene
Concen: 50.290 ng
RT: 12.75 min Scan# 1644
Delta R.T. 0.01 min
Lab File: BG042925.D
Acq: 25 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	74.9	112.3
116	4.6	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

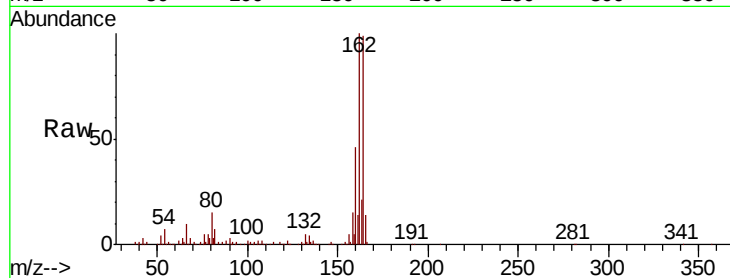
Tot Ion:164 Resp: 171051

Ion Ratio Lower Upper

164 100

162 101.1 78.5 117.7

160 46.0 35.9 53.9

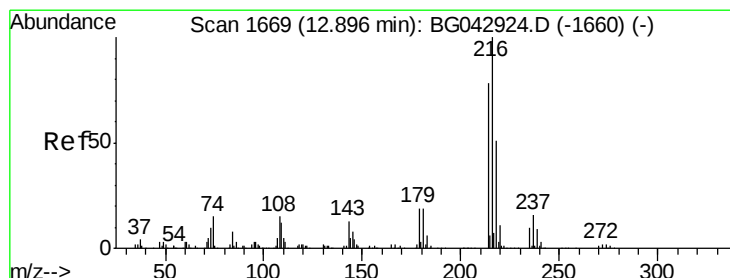
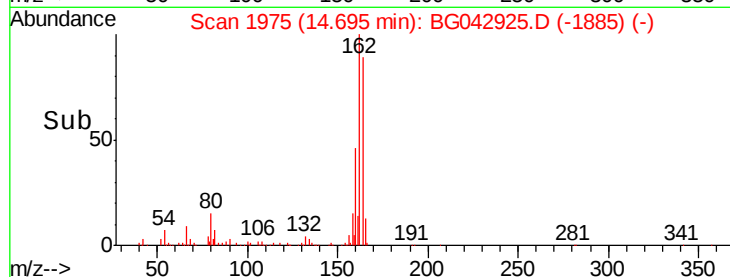
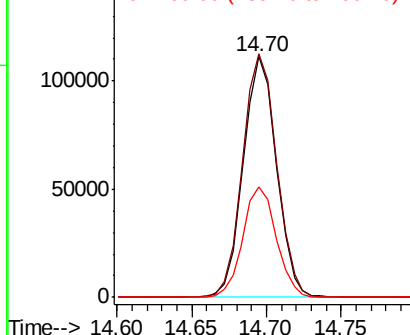


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.131 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

Tgt Ion:216 Resp: 317388

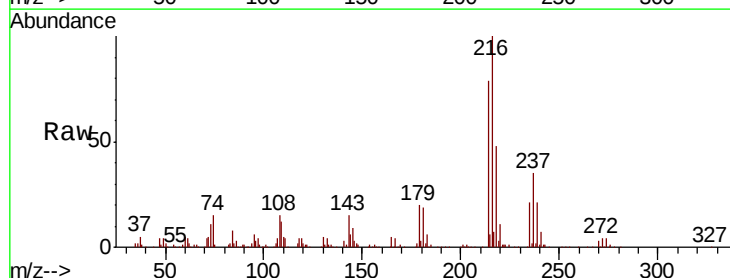
Ion Ratio Lower Upper

216 100

214 78.1 62.4 93.6

179 19.8 15.4 23.2

108 15.5 12.6 19.0



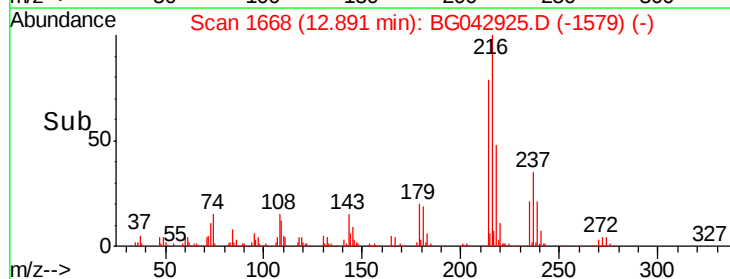
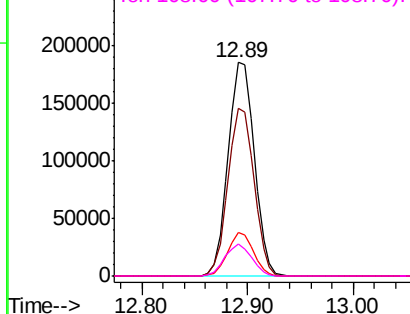
Abundance

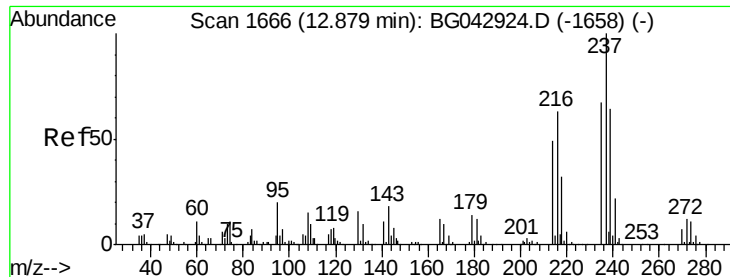
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 54.065 ng

RT: 12.88 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

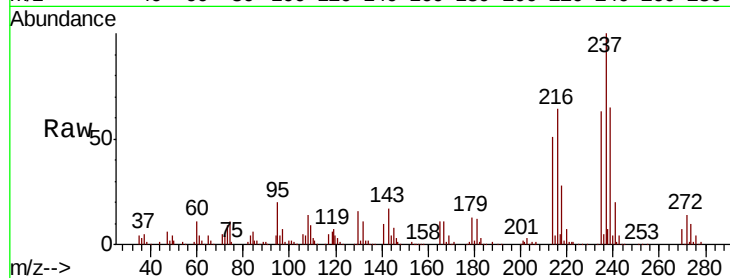
Tot Ion:237 Resp: 209841

Ion Ratio Lower Upper

237 100

235 62.5 46.7 86.7

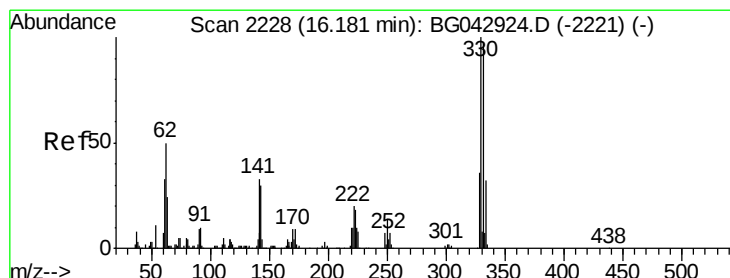
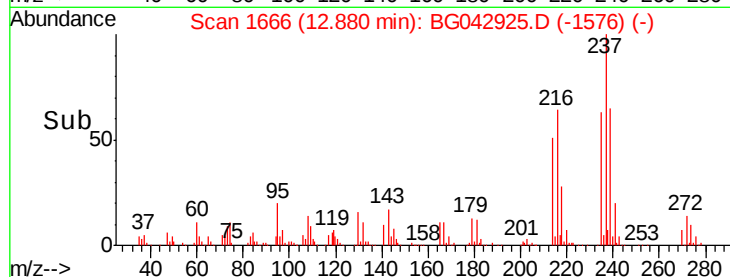
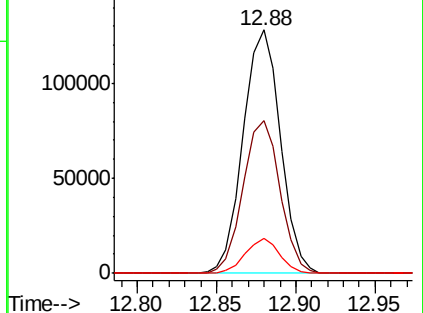
272 14.2 0.0 32.3



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: 107.145 ng

RT: 16.18 min Scan# 2228

Delta R.T. 0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

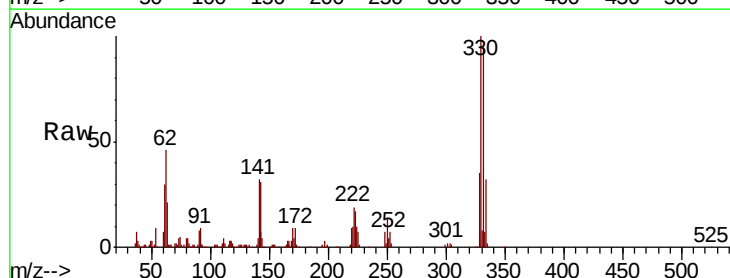
Tgt Ion:330 Resp: 289031

Ion Ratio Lower Upper

330 100

332 96.1 78.2 117.2

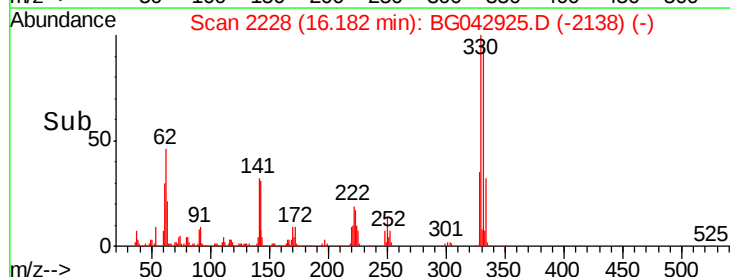
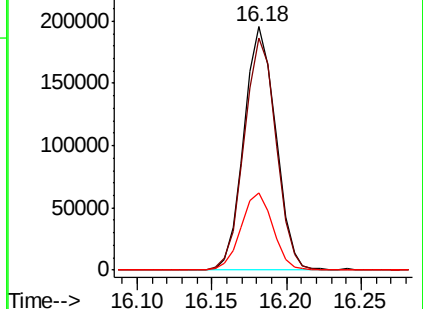
141 32.0 26.0 39.0

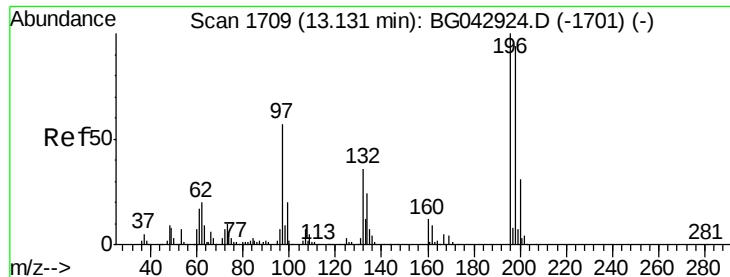


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

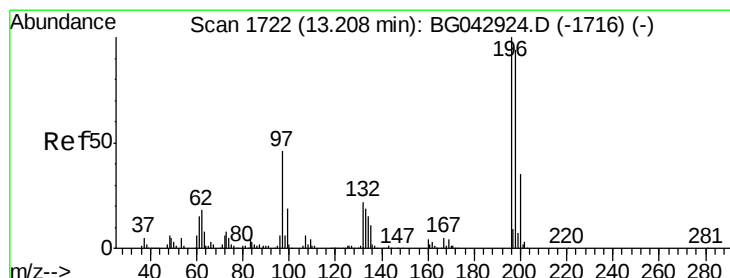
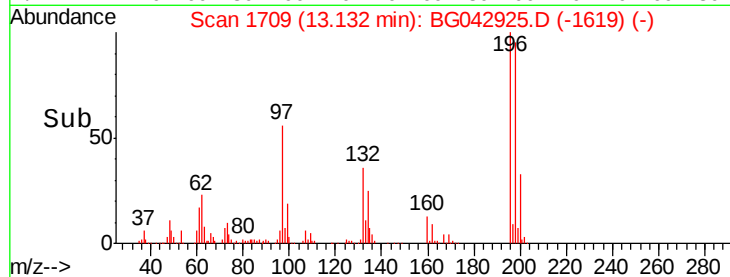
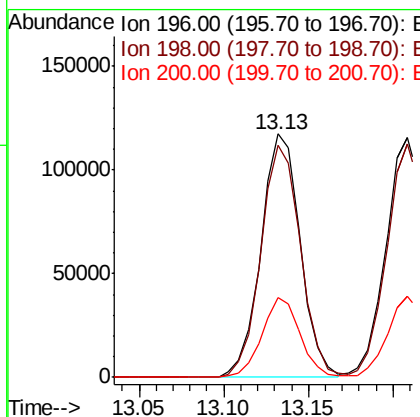
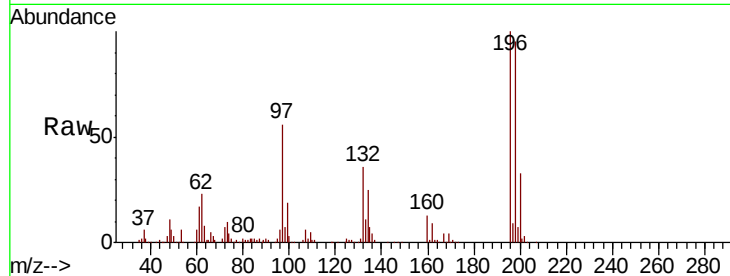




#43
 2,4,6-Trichlorophenol
 Concen: 51.258 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG042925.D
 Acq: 25 Sep 2019 12:46

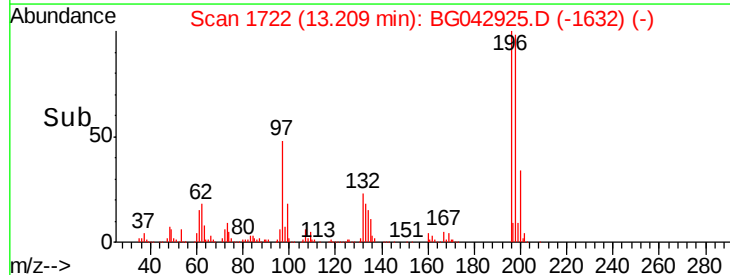
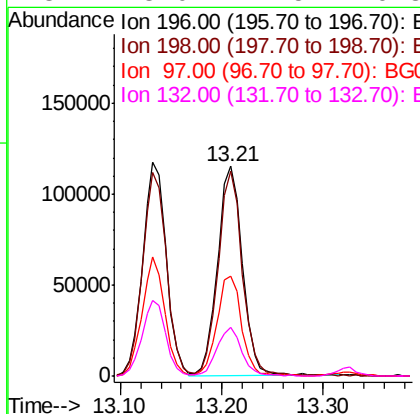
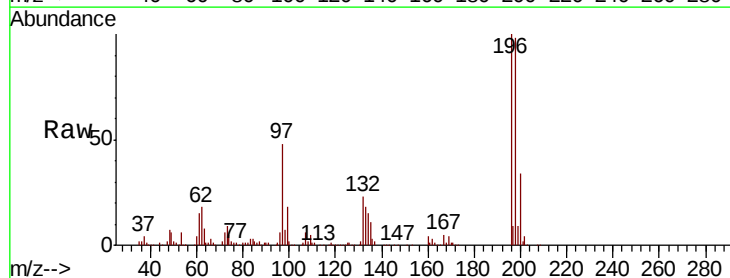
Instrument :
 BNA_G
 ClientSampleId :

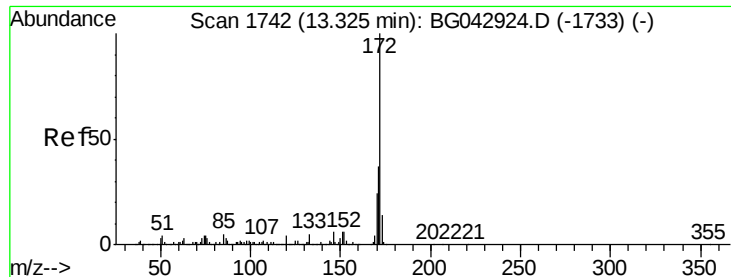
Tot Ion:196 Resp: 189850
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.5 113.3
 200 32.9 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 51.397 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BG042925.D
 Acq: 25 Sep 2019 12:46

Tgt Ion:196 Resp: 196481
 Ion Ratio Lower Upper
 196 100
 198 97.7 75.1 112.7
 97 47.7 37.0 55.4
 132 23.0 17.5 26.3

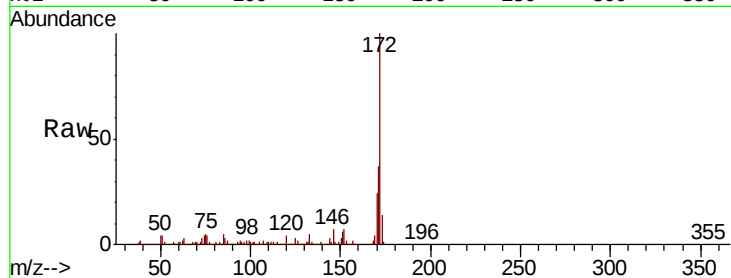




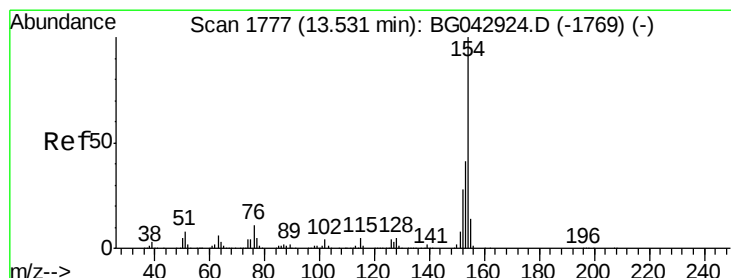
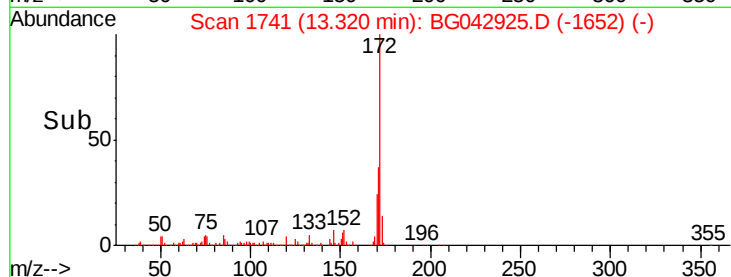
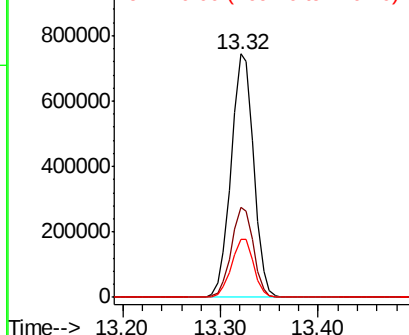
#45
 2-Fluorobiphenyl
 Concen: 101.898 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG042925.D
 Acq: 25 Sep 2019 12:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1188024
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 24.0 19.6 29.4

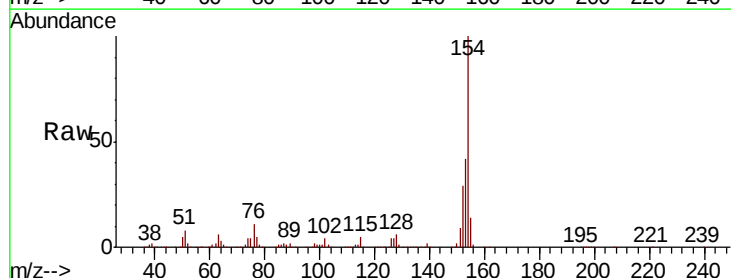


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

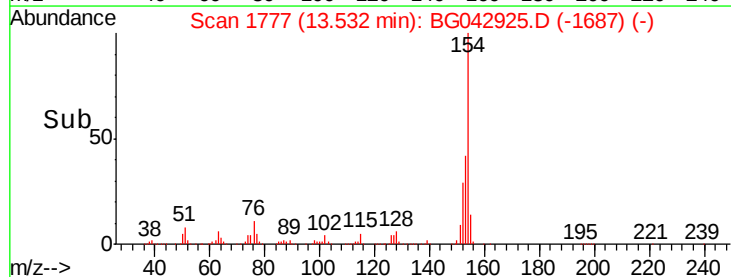
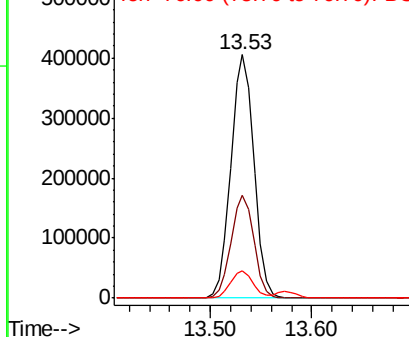


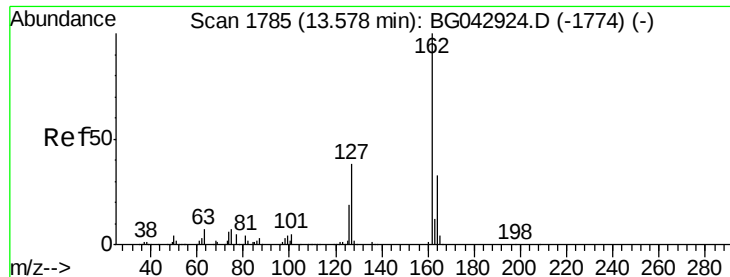
#46
 1,1'-Biphenyl
 Concen: 48.875 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BG042925.D
 Acq: 25 Sep 2019 12:46

Tgt Ion:154 Resp: 637181
 Ion Ratio Lower Upper
 154 100
 153 42.0 21.4 61.4
 76 11.3 0.0 31.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

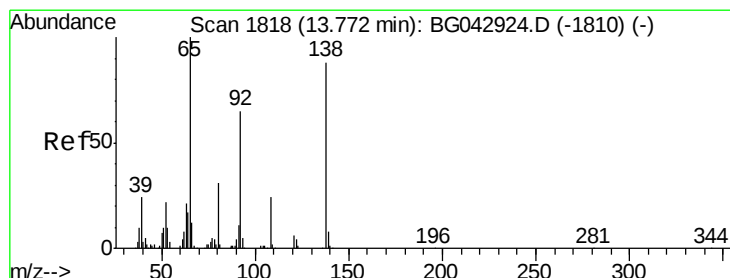
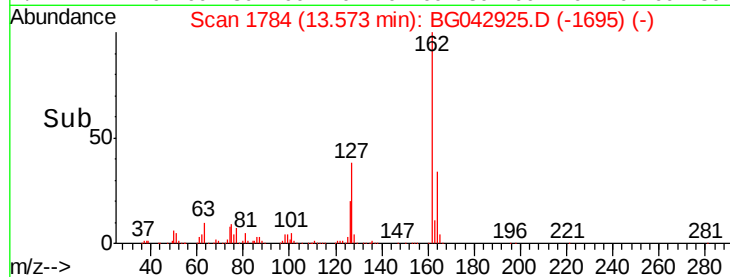
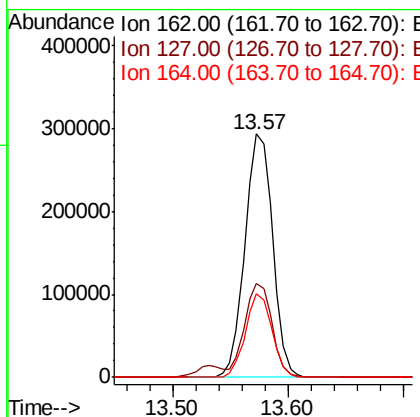
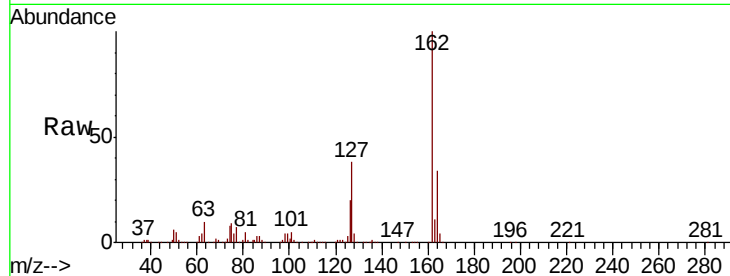




#47
 2-Chloronaphthalene
 Concen: 49.975 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BG042925.D
 Acq: 25 Sep 2019 12:46

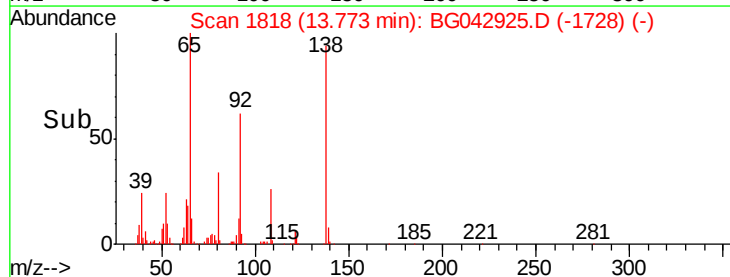
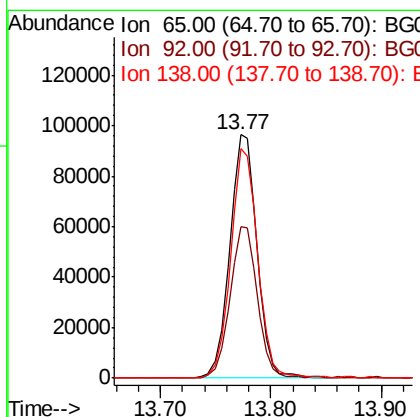
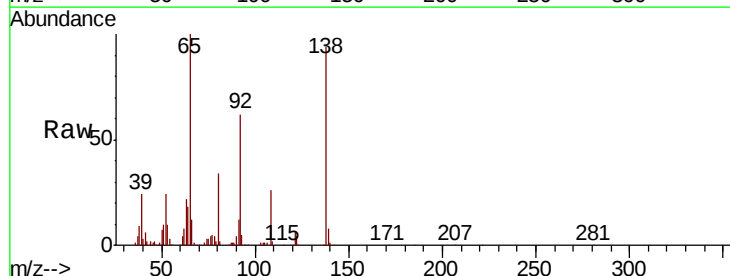
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	31.0	46.6
164	34.5	26.2	39.2



#48
 2-Nitroaniline
 Concen: 50.416 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG042925.D
 Acq: 25 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.3	52.0	78.0
138	94.3	70.4	105.6





#49

Acenaphthylene

Concen: 50.406 ng

RT: 14.42 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

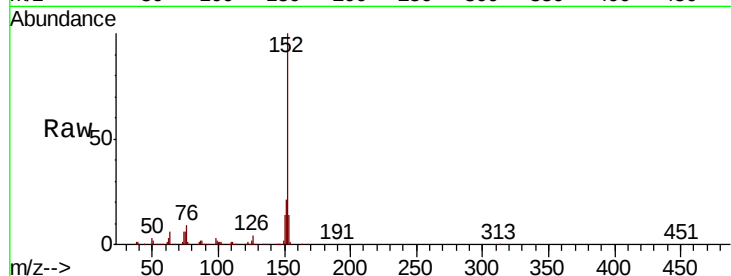
Tot Ion:152 Resp: 749674

Ion Ratio Lower Upper

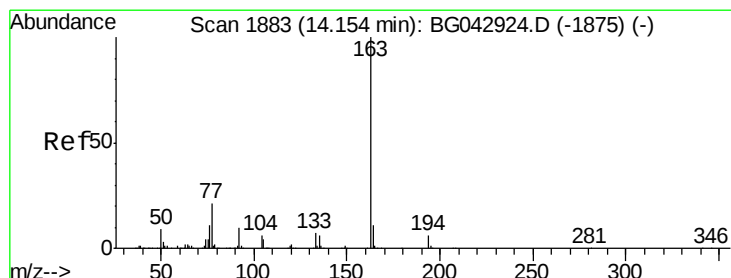
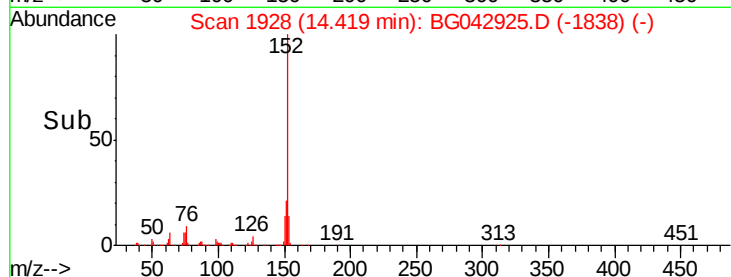
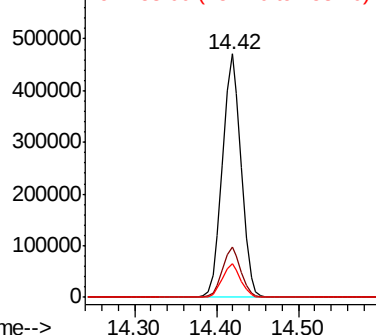
152 100

151 20.9 16.8 25.2

153 13.7 11.3 16.9



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



#50

Dimethylphthalate

Concen: 50.126 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

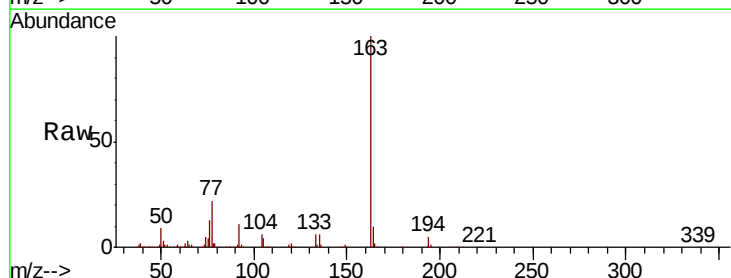
Tgt Ion:163 Resp: 627435

Ion Ratio Lower Upper

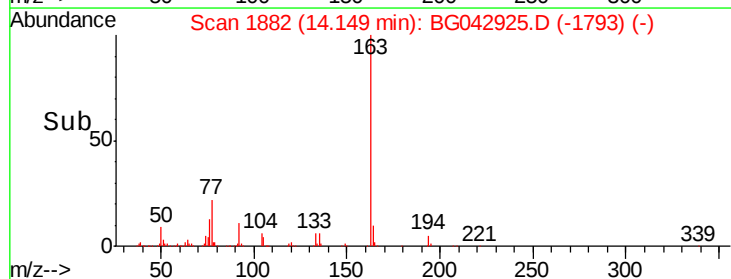
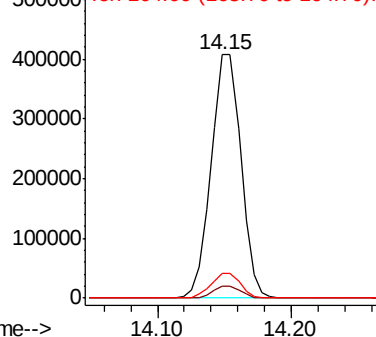
163 100

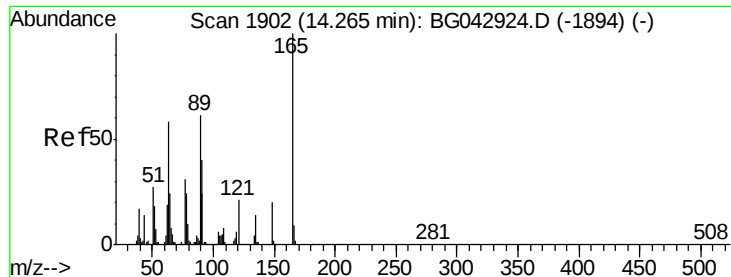
194 5.0 4.4 6.6

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

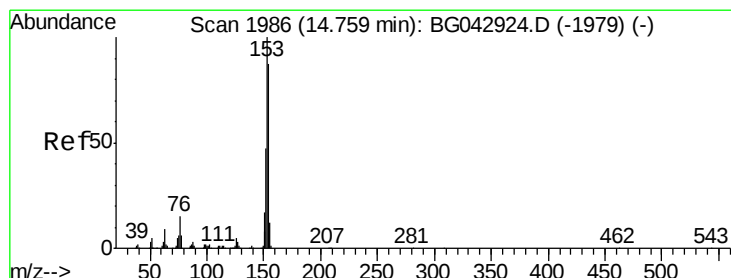
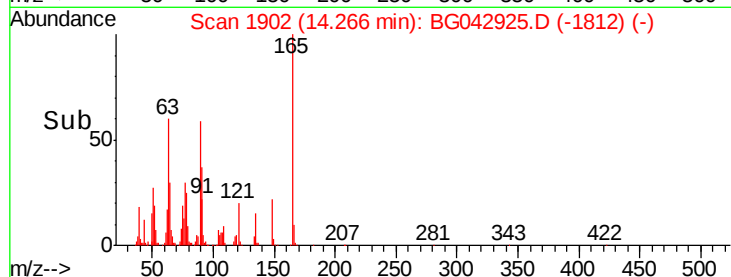
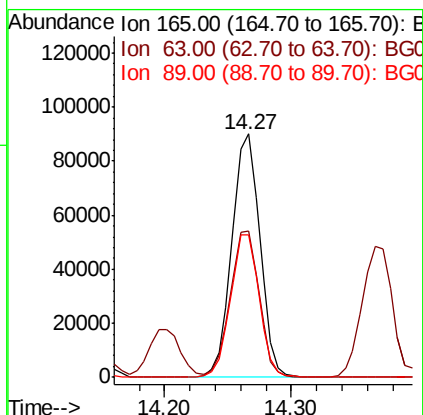
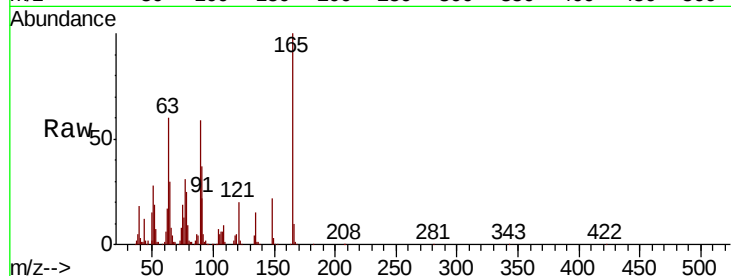




#51
 2,6-Dinitrotoluene
 Concen: 51.620 ng
 RT: 14.27 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: BG042925.D
 Acq: 25 Sep 2019 12:46

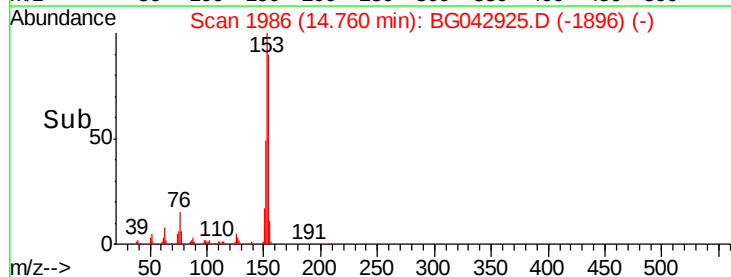
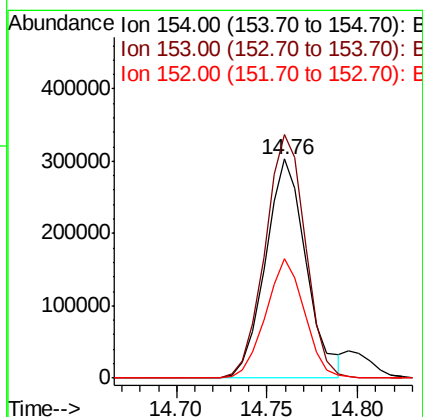
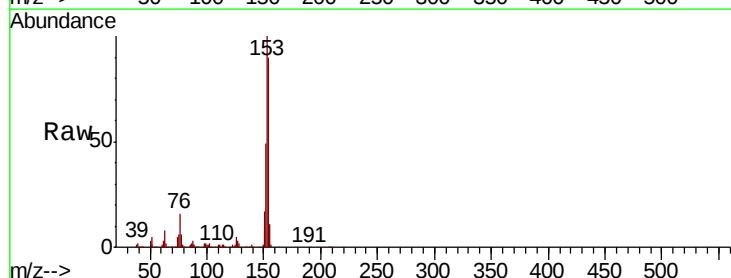
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 137627
 Ion Ratio Lower Upper
 165 100
 63 59.9 50.3 75.5
 89 58.6 48.9 73.3



#52
 Acenaphthene
 Concen: 48.383 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: BG042925.D
 Acq: 25 Sep 2019 12:46

Tgt Ion:154 Resp: 476286
 Ion Ratio Lower Upper
 154 100
 153 111.1 91.4 137.0
 152 54.4 42.8 64.2





#53

3-Nitroaniline

Concen: 50.135 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

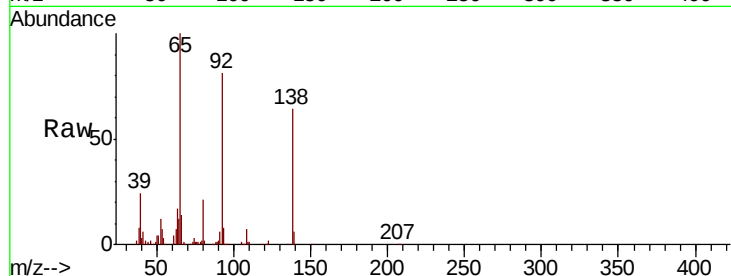
Tot Ion:138 Resp: 140492

Ion Ratio Lower Upper

138 100

108 11.1 7.9 11.9

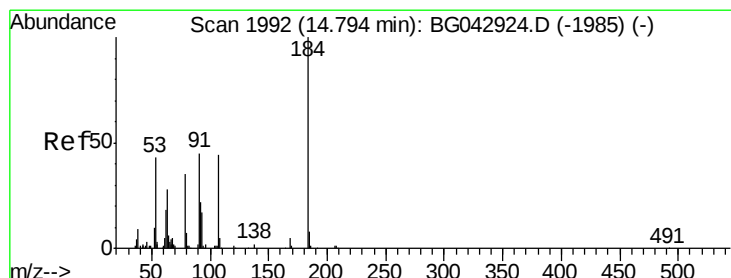
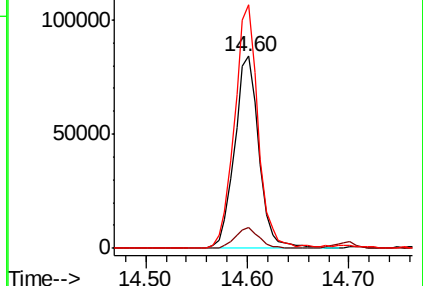
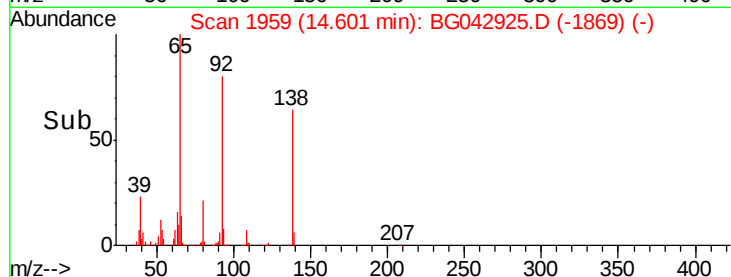
92 126.6 97.0 145.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 55.313 ng

RT: 14.79 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

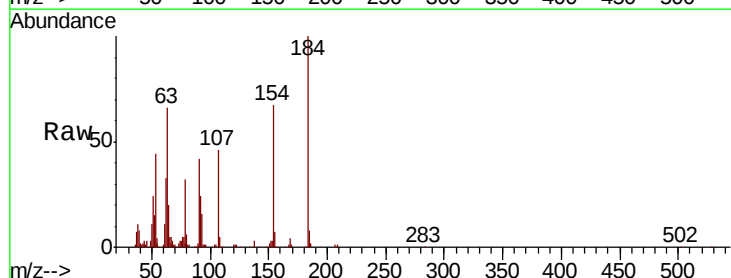
Tgt Ion:184 Resp: 86890

Ion Ratio Lower Upper

184 100

63 66.1 55.0 82.6

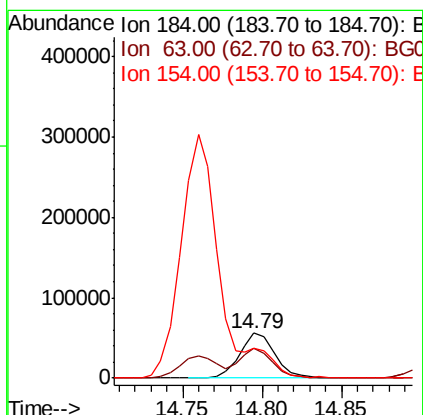
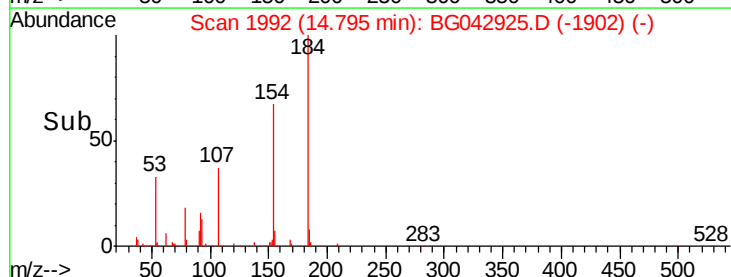
154 67.0 56.5 84.7

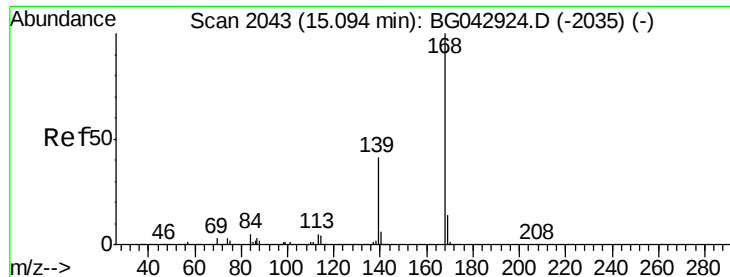


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

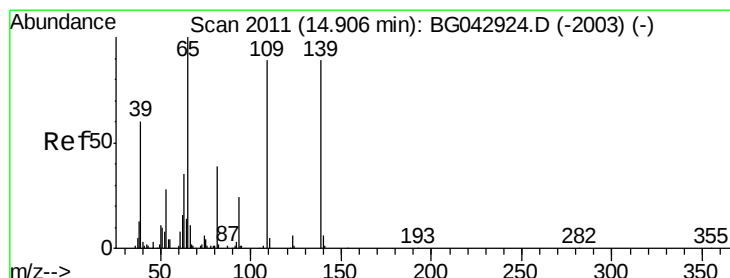
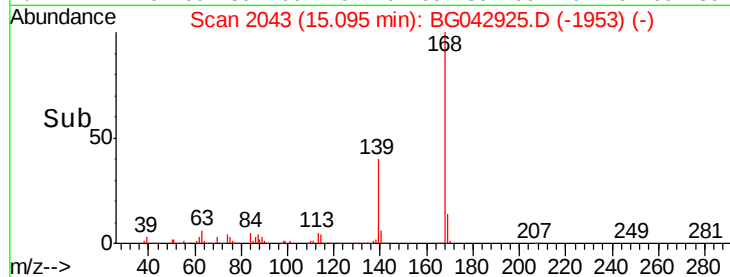
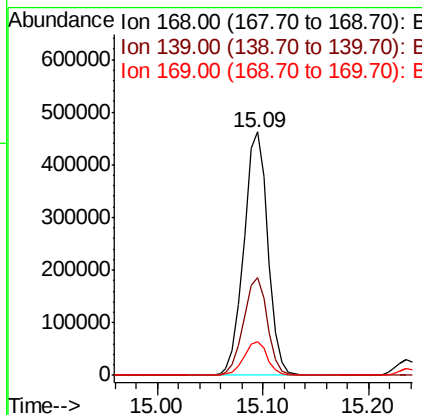
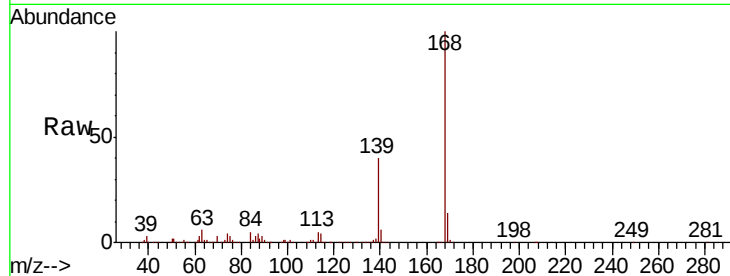




#55
Dibenzenofuran
Concen: 49.850 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG042925.D
Acq: 25 Sep 2019 12:46

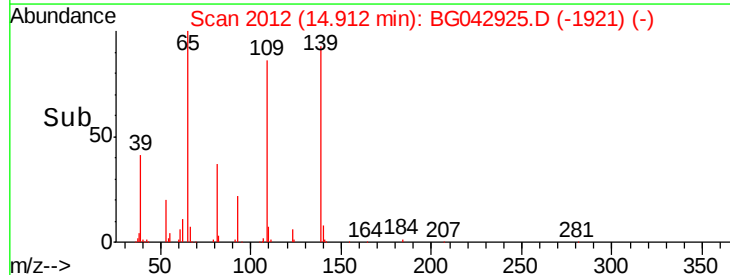
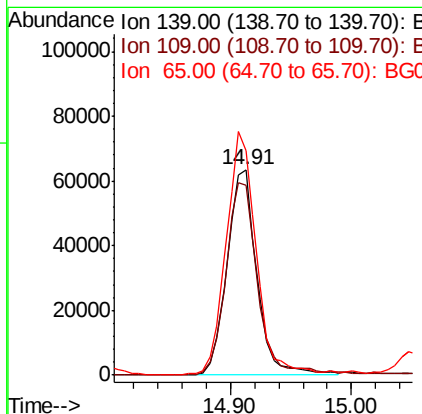
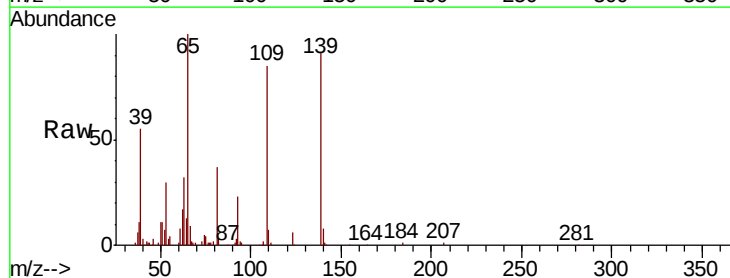
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.1	32.6	48.8
169	13.8	11.2	16.8



#56
4-Nitrophenol
Concen: 51.397 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BG042925.D
Acq: 25 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.6	79.4	119.4
65	109.5	92.5	132.5

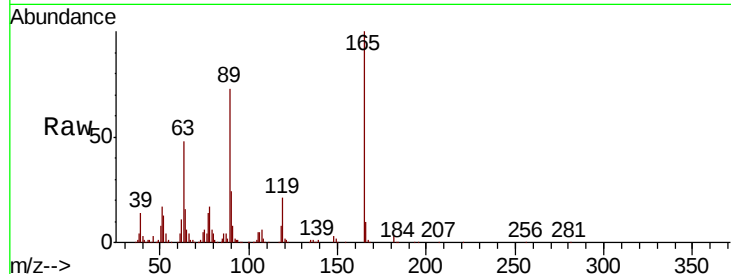




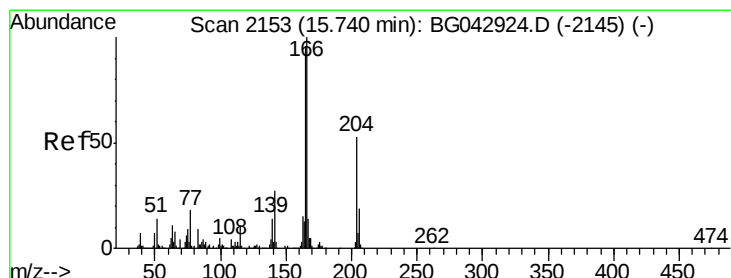
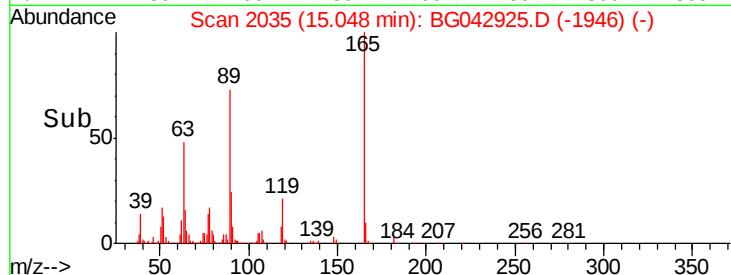
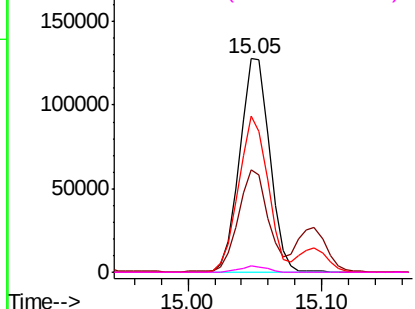
#57
 2,4-Dinitrotoluene
 Concen: 52.468 ng
 RT: 15.05 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG042925.D
 Acq: 25 Sep 2019 12:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	198532
Ion Ratio	Lower	Upper
165	100	
63	47.9	36.5 54.7
89	73.1	55.5 83.3
182	3.1	2.4 3.6

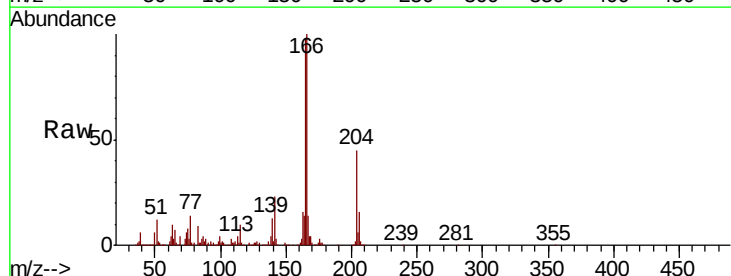


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO
 Ion 182.00 (181.70 to 182.70): E

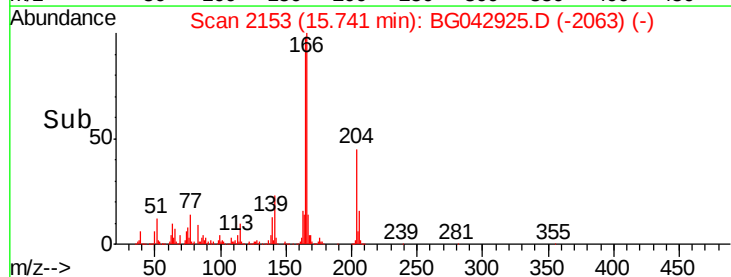
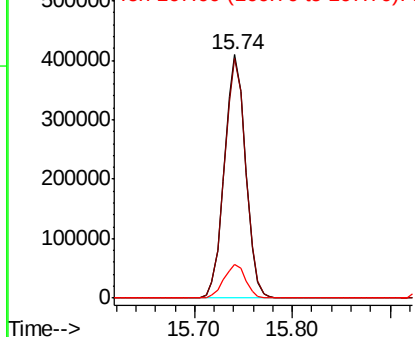


#58
 Fluorene
 Concen: 49.867 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: BG042925.D
 Acq: 25 Sep 2019 12:46

Tgt Ion:166	Resp:	615667
Ion Ratio	Lower	Upper
166	100	
165	98.2	77.1 115.7
167	14.0	11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

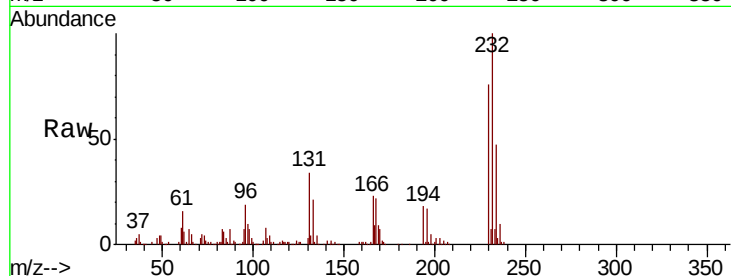




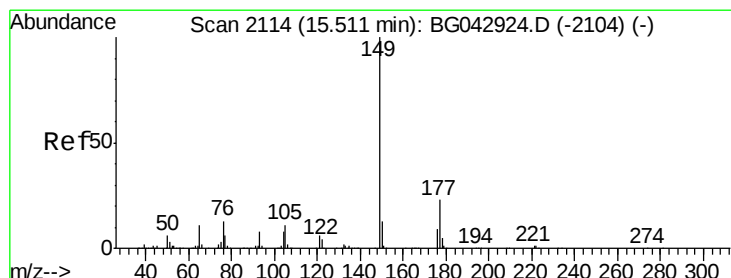
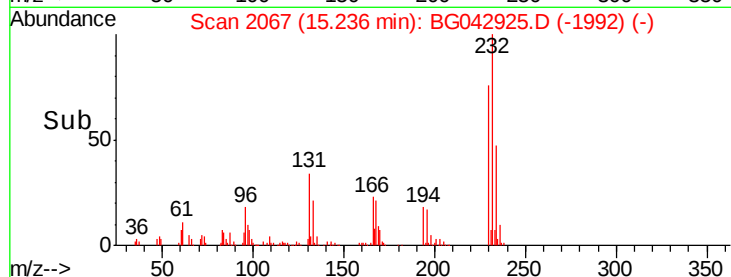
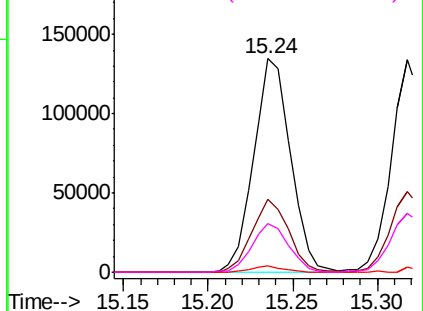
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.237 ng
RT: 15.24 min Scan# 2067
Delta R.T. -0.09 min
Lab File: BG042925.D
Acq: 25 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232	Resp:	204201
Ion Ratio	Lower	Upper
232	100	
131	34.0	29.6 44.4
130	2.5	1.9 2.9
166	22.6	21.8 32.8

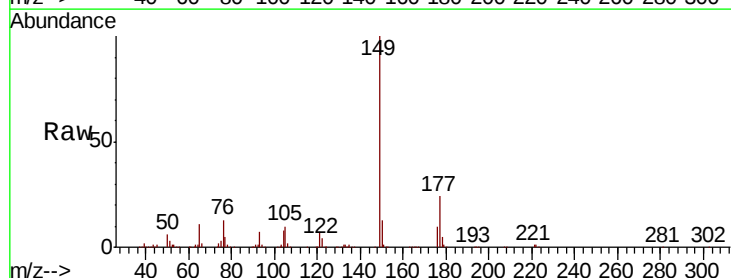


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

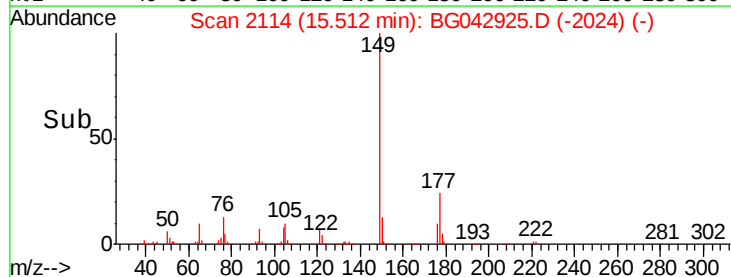
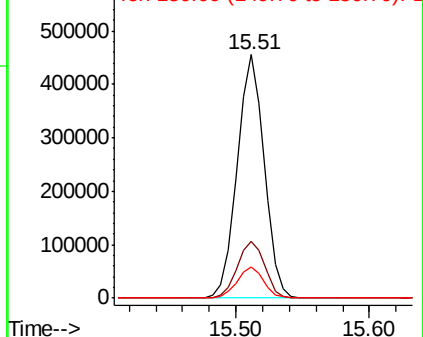


#60
Diethylphthalate
Concen: 50.513 ng
RT: 15.51 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BG042925.D
Acq: 25 Sep 2019 12:46

Tgt Ion:149	Resp:	637950
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

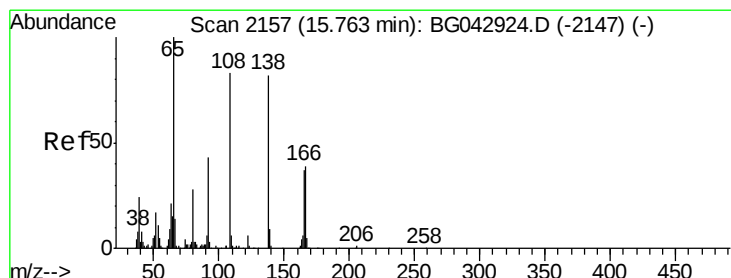
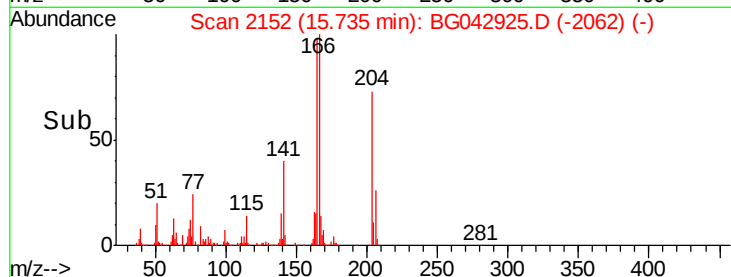
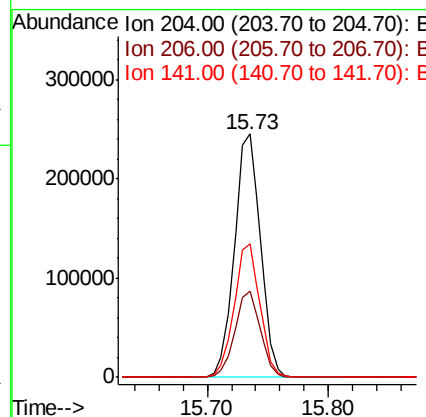
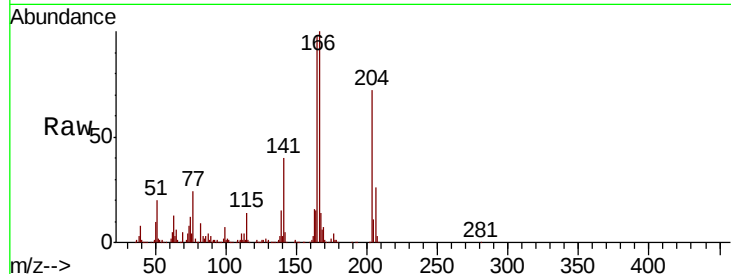




#61
4-Chlorophenyl-phenylether
Concen: 50.286 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG042925.D
Acq: 25 Sep 2019 12:46

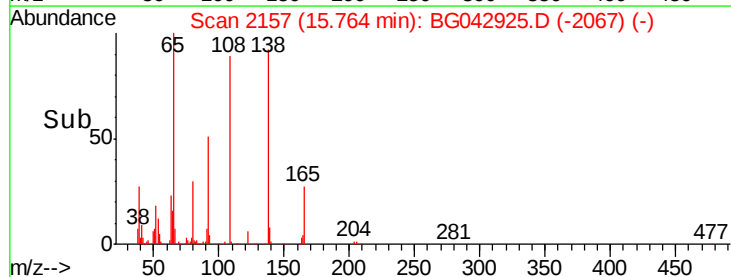
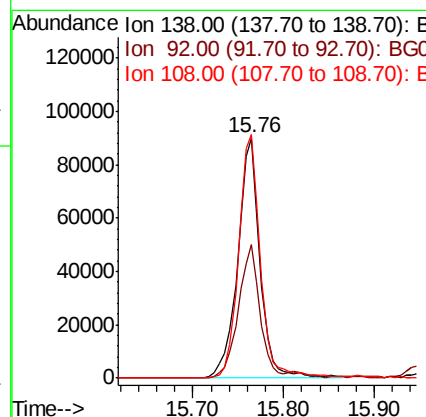
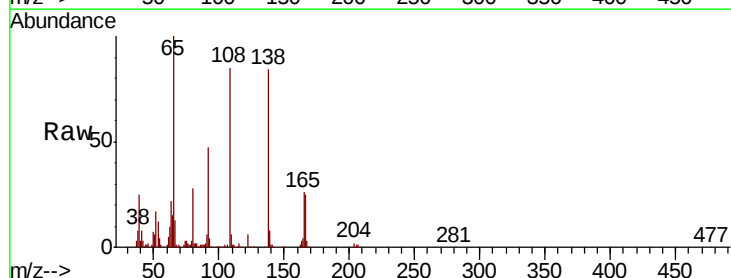
Instrument :
BNA_G
ClientSampleId :

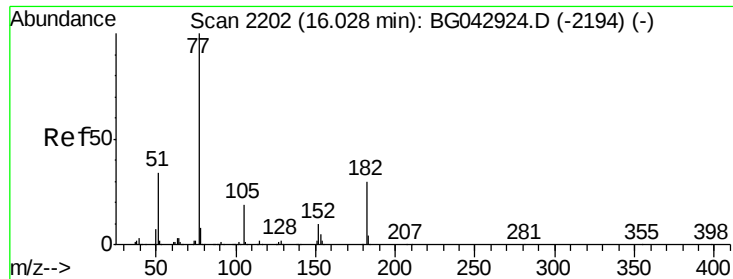
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.2	28.5	42.7
141	54.6	42.4	63.6



#62
4-Nitroaniline
Concen: 51.181 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG042925.D
Acq: 25 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.6	32.9	72.9
108	101.6	81.3	121.3

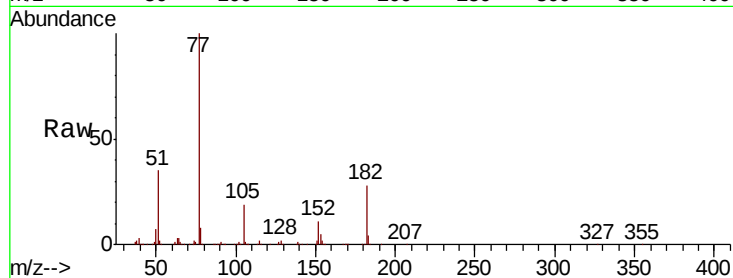




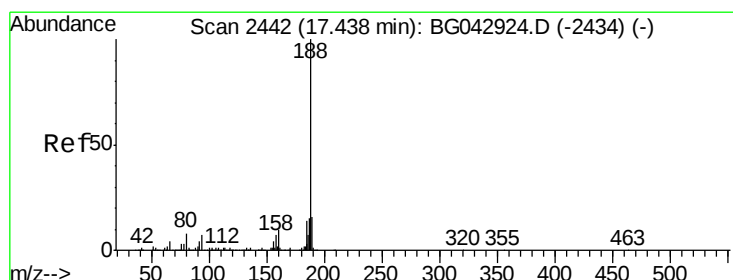
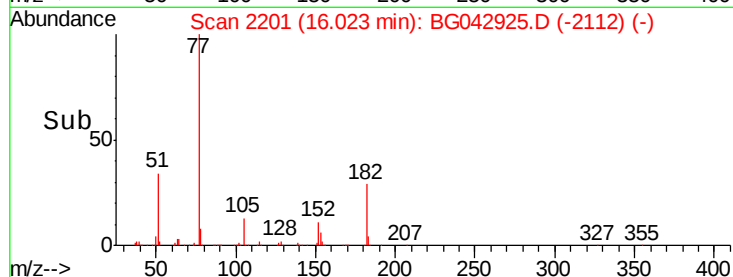
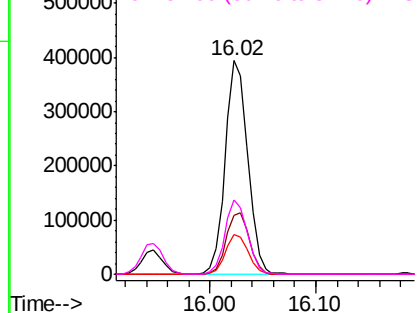
#63
Azobenzene
Concen: 47.755 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG042925.D
Acq: 25 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	579568
Ion	Ratio	Lower	Upper
77	100		
182	27.7	10.2	50.2
105	18.6	0.0	39.1
51	35.0	13.9	53.9

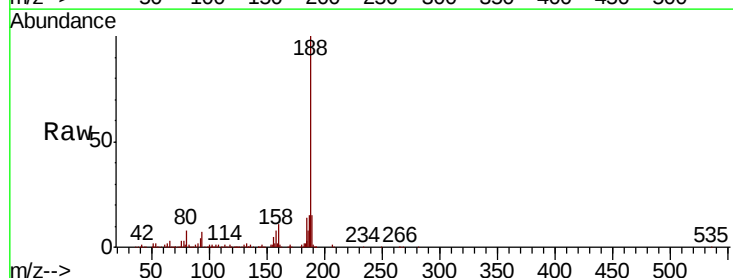


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

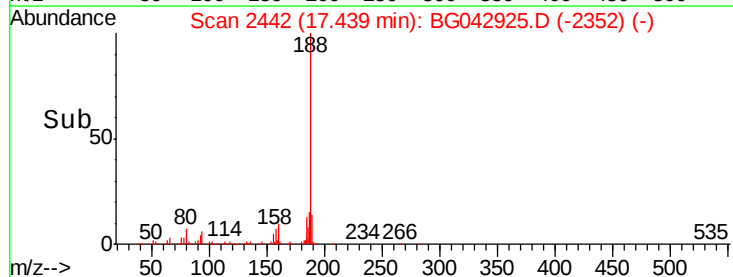
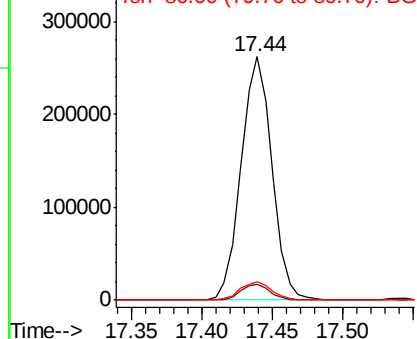


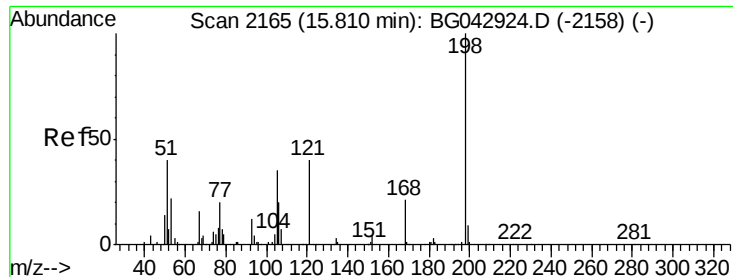
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG042925.D
Acq: 25 Sep 2019 12:46

Tgt Ion:	188	Resp:	400076
Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.7	8.5
80	7.6	6.5	9.7



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

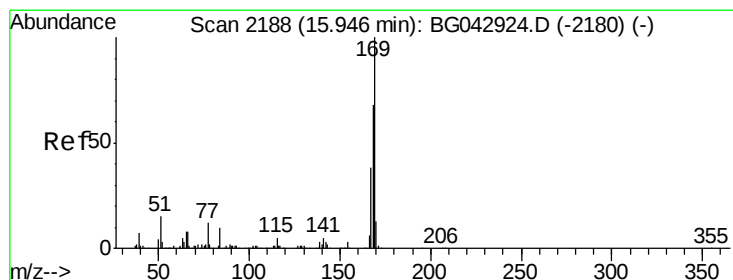
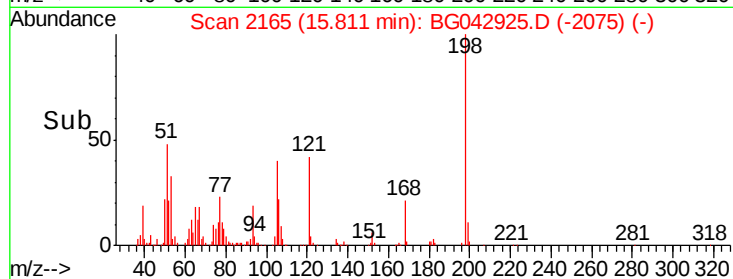
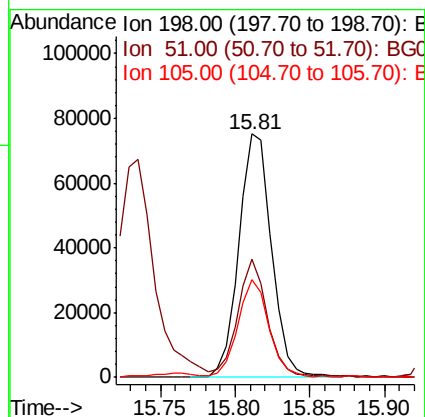
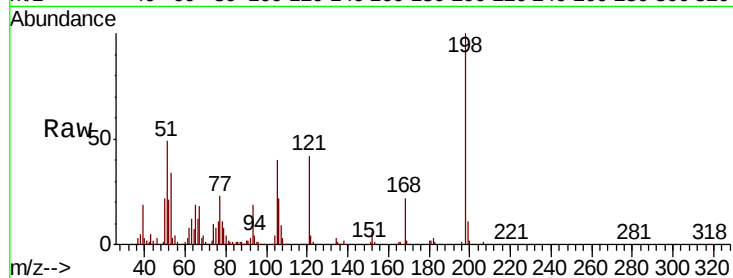




#65
 4,6-Dinitro-2-methylphenol
 Concen: 53.923 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BG042925.D
 Acq: 25 Sep 2019 12:46

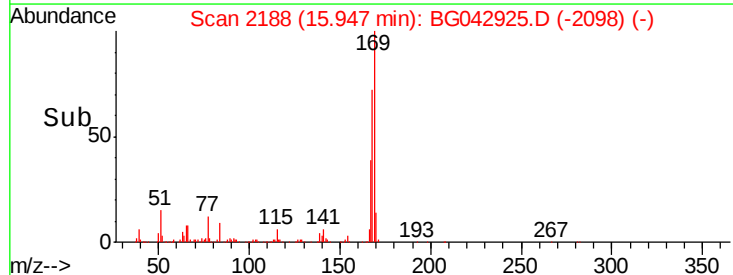
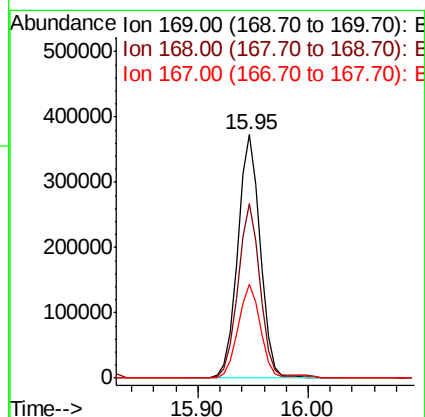
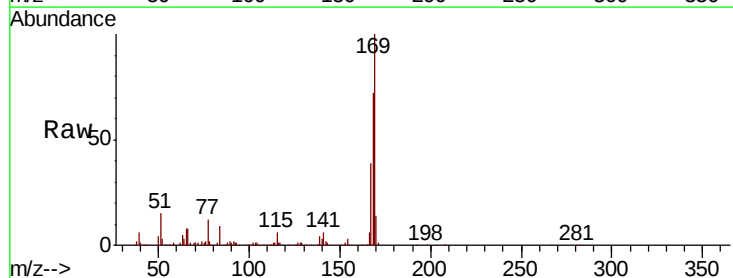
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 114254
 Ion Ratio Lower Upper
 198 100
 51 48.8 25.3 65.3
 105 40.3 16.6 56.6



#66
 n-Nitrosodiphenylamine
 Concen: 49.519 ng
 RT: 15.95 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BG042925.D
 Acq: 25 Sep 2019 12:46

Tgt Ion:169 Resp: 532536
 Ion Ratio Lower Upper
 169 100
 168 71.8 54.8 82.2
 167 38.8 30.6 46.0

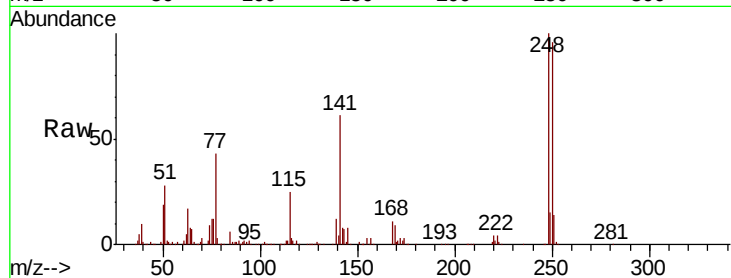




#67
4-Bromophenyl-phenylether
Concen: 51.858 ng
RT: 16.63 min Scan# 2304
Delta R.T. 0.00 min
Lab File: BG042925.D
Acq: 25 Sep 2019 12:46

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	75.8	113.8
141	60.6	51.1	76.7

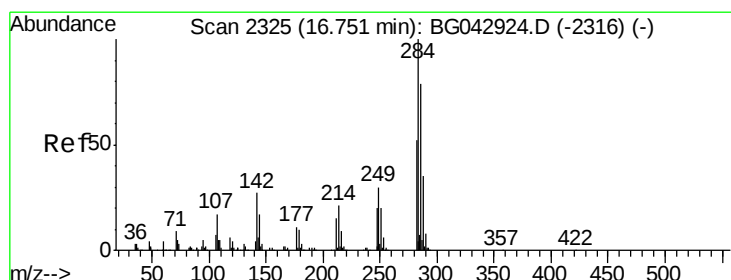
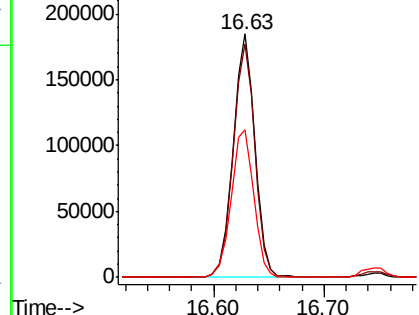
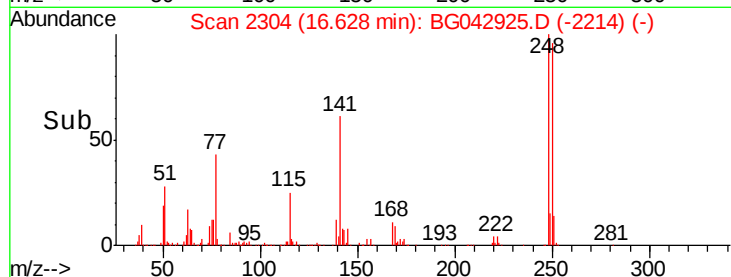


Abundance

Ion 248.00 (247.70 to 248.70): E

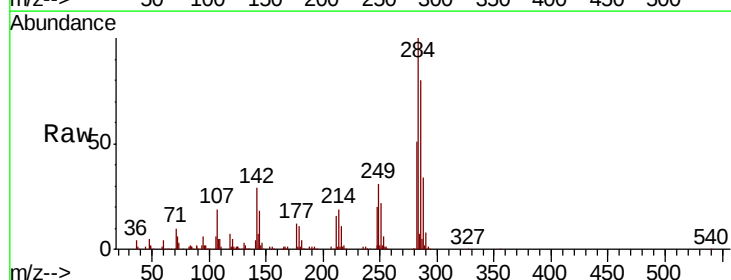
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 52.553 ng
RT: 16.75 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BG042925.D
Acq: 25 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.3	21.6	32.4
249	31.0	24.1	36.1

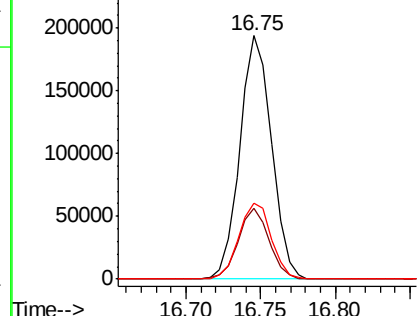
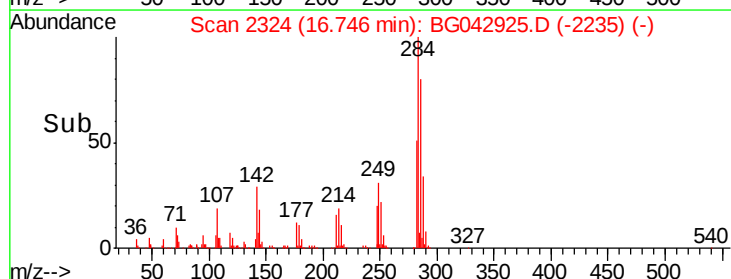


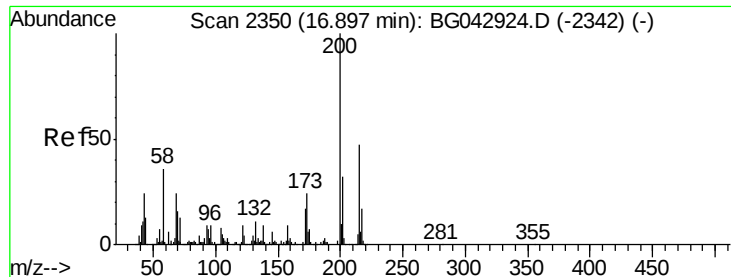
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 50.128 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

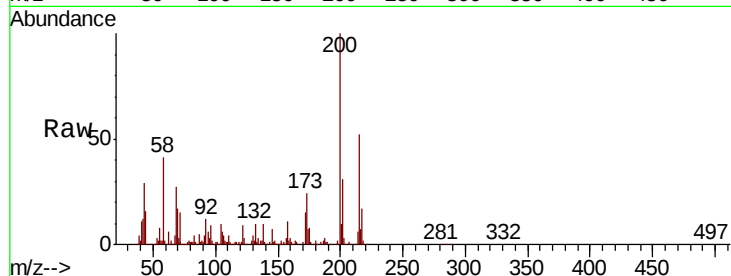
Tot Ion:200 Resp: 222439

Ion Ratio Lower Upper

200 100

173 23.6 4.0 44.0

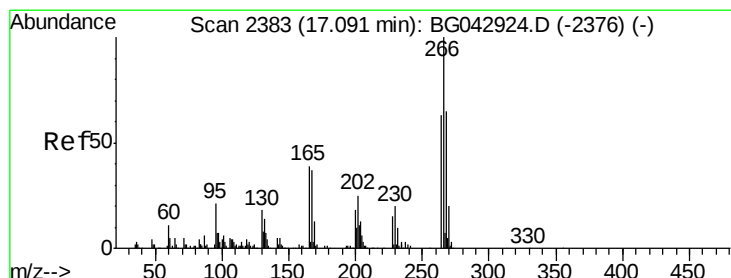
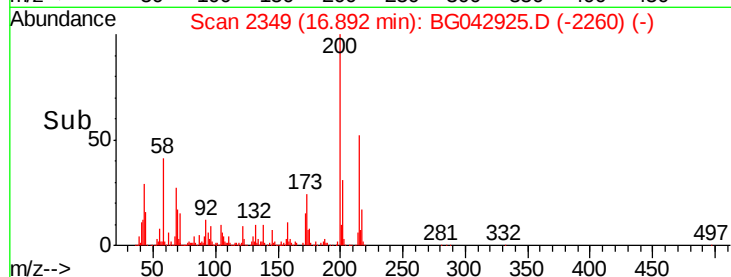
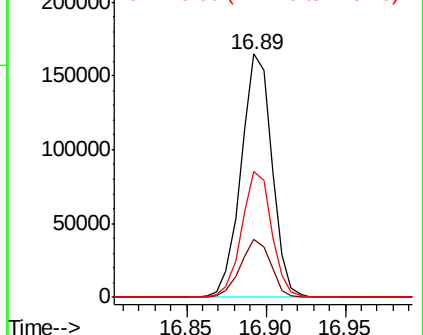
215 52.0 27.4 67.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 54.219 ng

RT: 17.09 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

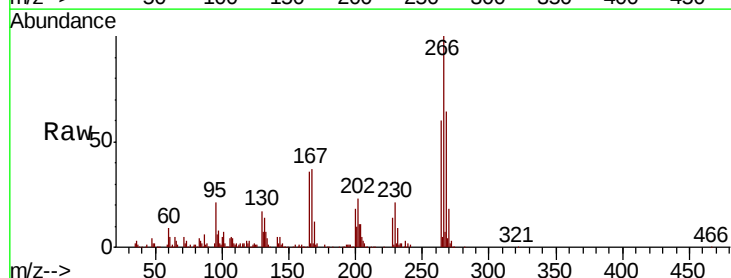
Tgt Ion:266 Resp: 169236

Ion Ratio Lower Upper

266 100

268 63.9 52.2 78.2

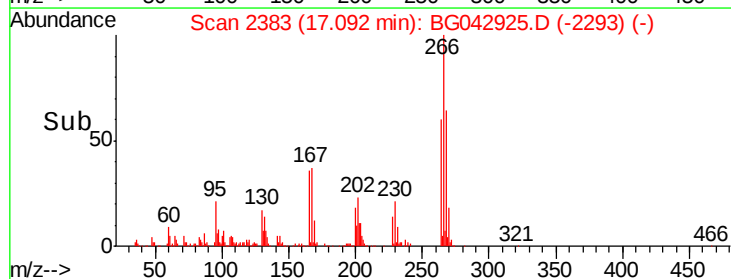
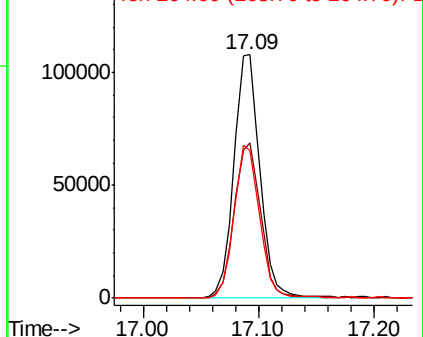
264 60.5 50.7 76.1

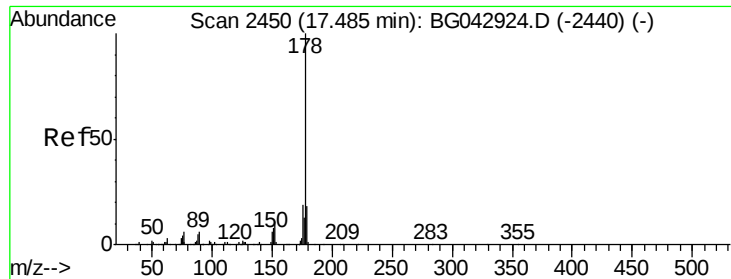


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

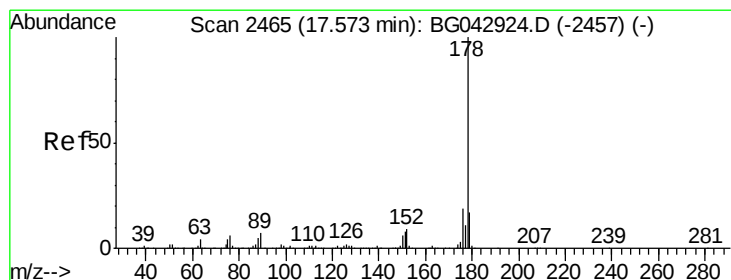
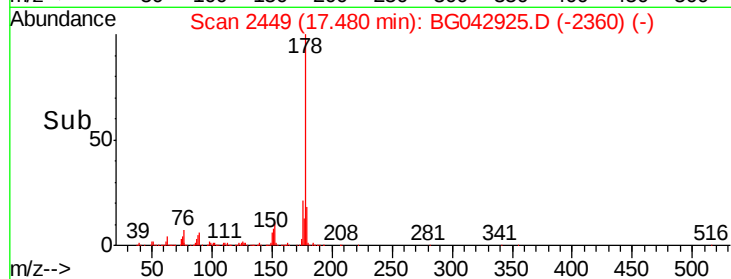
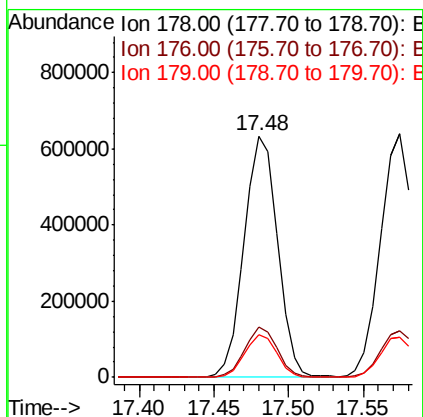
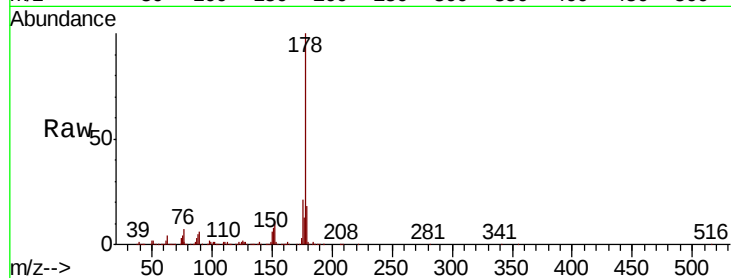




#71
Phenanthrene
Concen: 50.598 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG042925.D
Acq: 25 Sep 2019 12:46

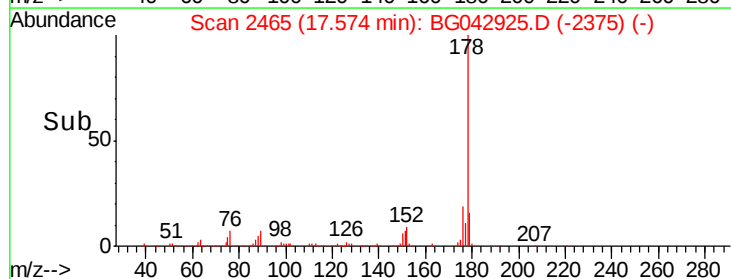
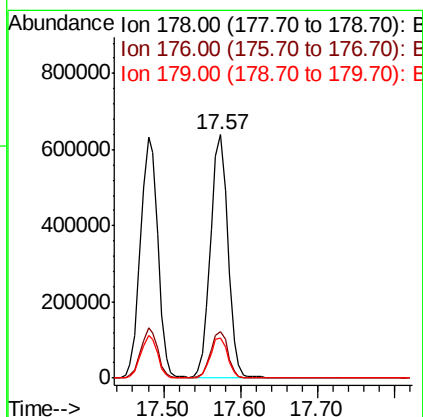
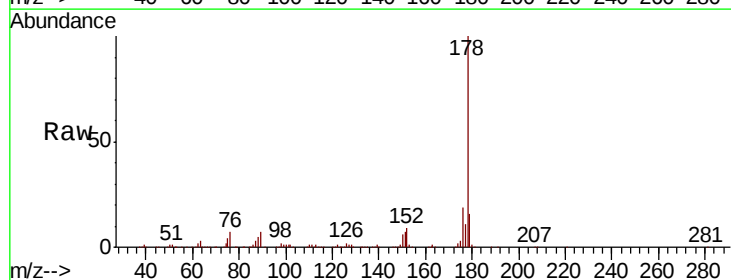
Instrument :
BNA_G
ClientSampleId :

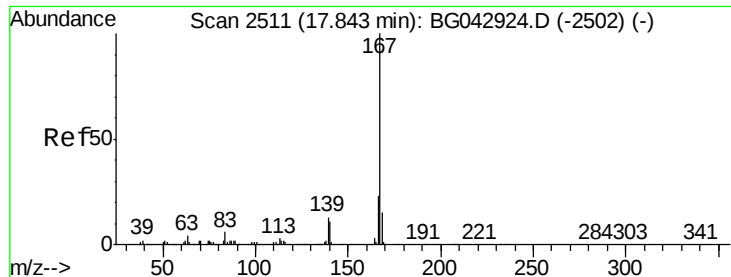
Tot Ion:178 Resp: 983240
Ion Ratio Lower Upper
178 100
176 20.7 15.1 22.7
179 17.8 14.1 21.1



#72
Anthracene
Concen: 51.405 ng
RT: 17.57 min Scan# 2465
Delta R.T. 0.00 min
Lab File: BG042925.D
Acq: 25 Sep 2019 12:46

Tgt Ion:178 Resp: 993665
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 16.5 13.5 20.3

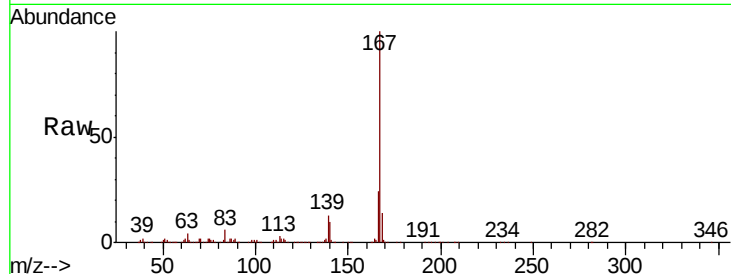




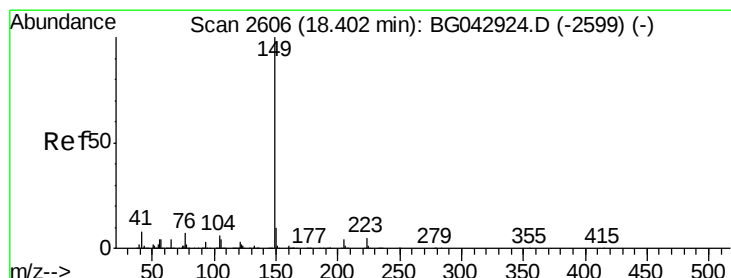
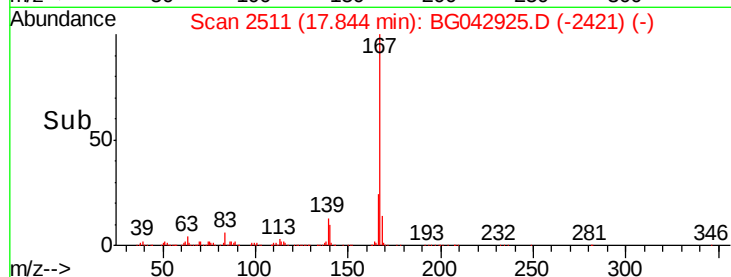
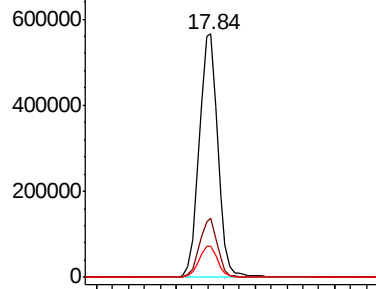
#73
 Carbazole
 Concen: 51.177 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. 0.00 min
 Lab File: BG042925.D
 Acq: 25 Sep 2019 12:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 922283
 Ion Ratio Lower Upper
 167 100
 166 24.1 18.6 28.0
 139 12.7 10.8 16.2

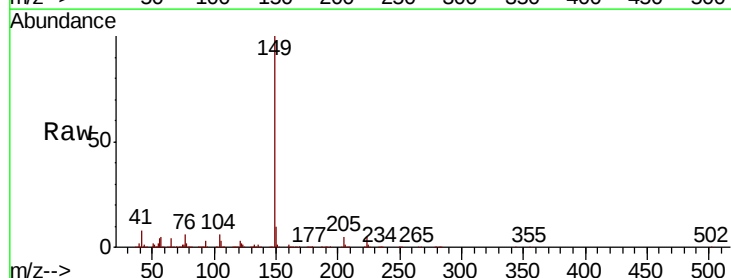


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

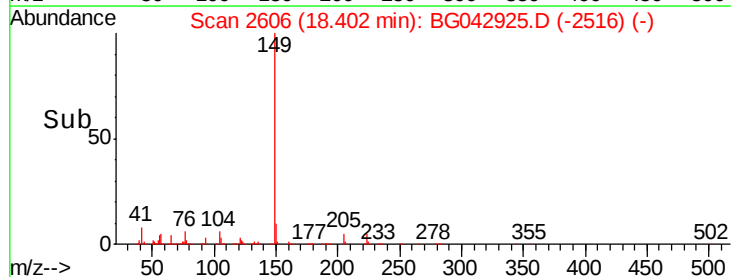
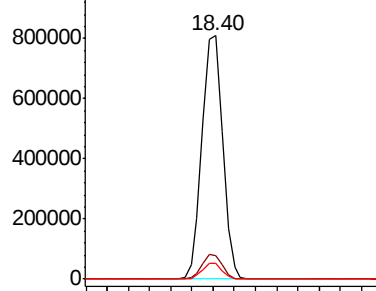


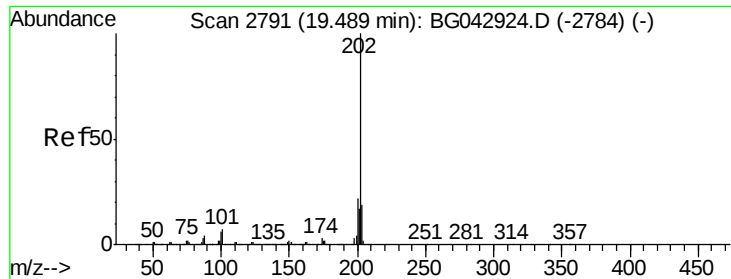
#74
 Di-n-butylphthalate
 Concen: 52.261 ng
 RT: 18.40 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: BG042925.D
 Acq: 25 Sep 2019 12:46

Tgt Ion:149 Resp: 1096484
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 6.3 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 52.968 ng

RT: 19.49 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

Instrument :

BNA_G

ClientSampled :

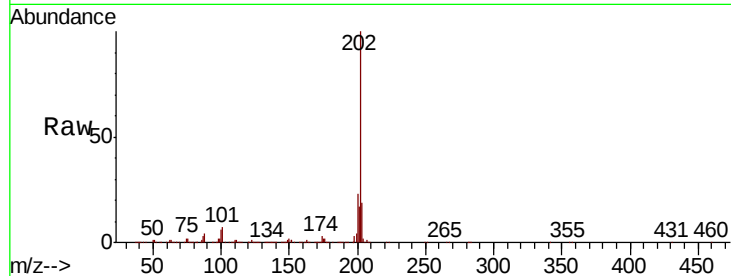
Tot Ion:202 Resp: 1304166

Ion Ratio Lower Upper

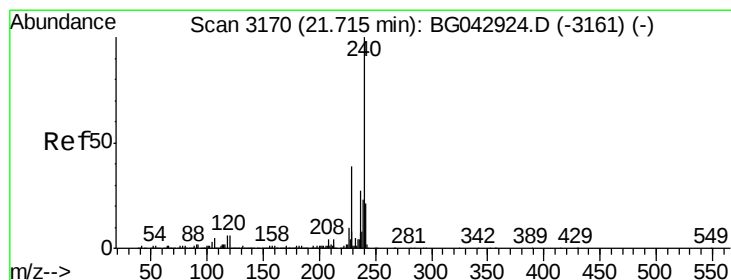
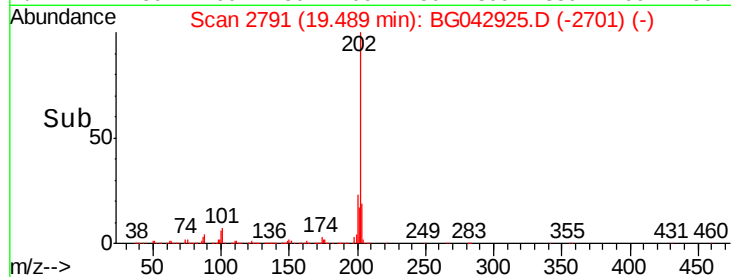
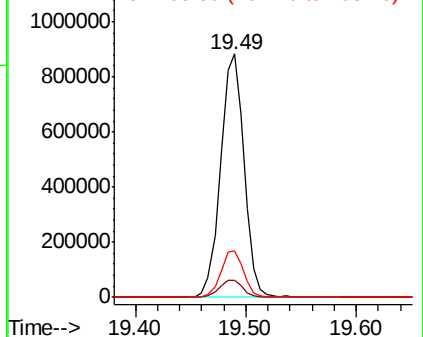
202 100

101 7.1 0.0 27.3

203 19.2 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: 21.72 min Scan# 3170

Delta R.T. 0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

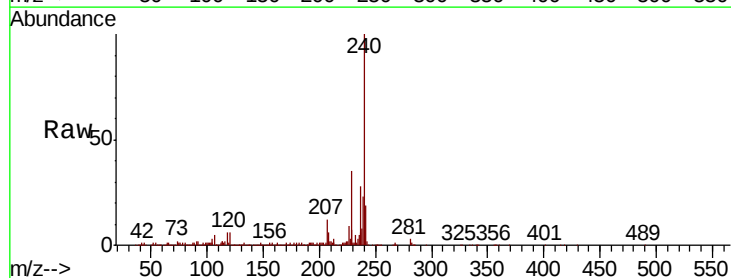
Tgt Ion:240 Resp: 452161

Ion Ratio Lower Upper

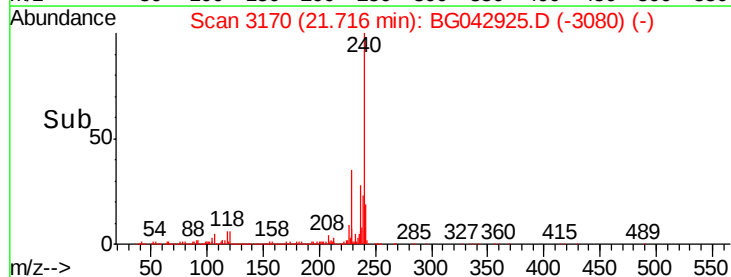
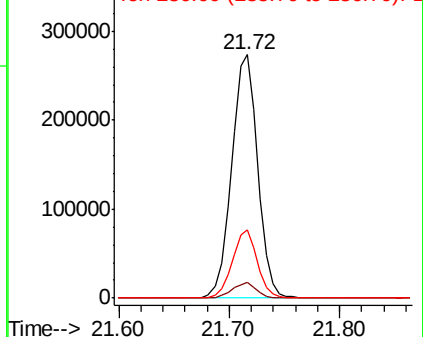
240 100

120 6.4 4.8 7.2

236 28.2 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





#77

Benzidine

Concen: 46.757 ng

RT: 19.67 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

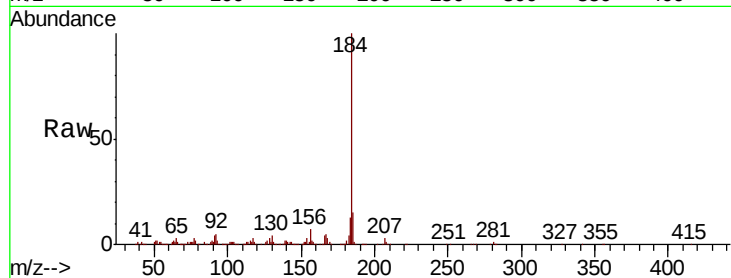
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 586879

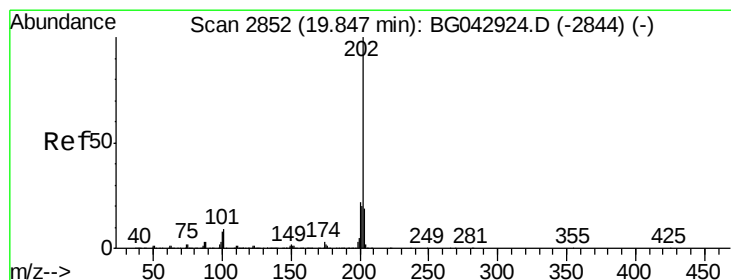
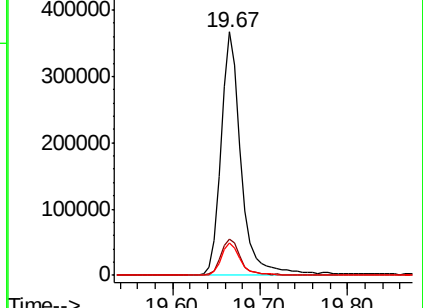
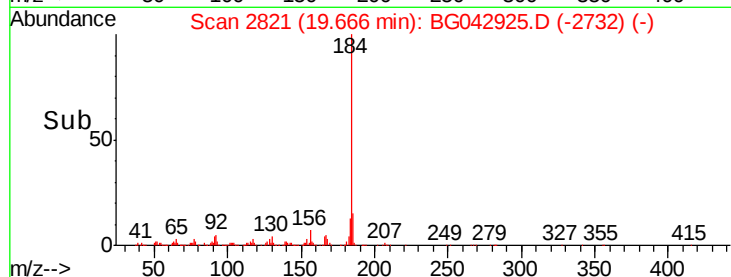
Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.8	17.8
183	13.2	10.1	15.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.101 ng

RT: 19.85 min Scan# 2852

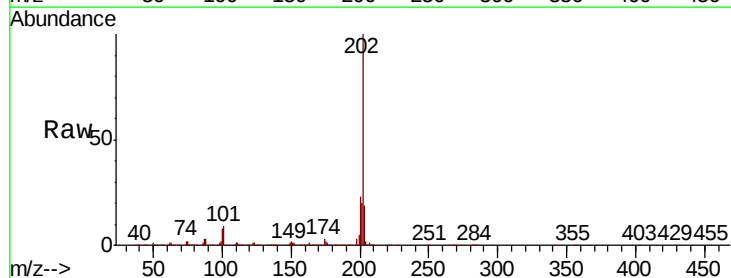
Delta R.T. 0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

Tgt Ion:202 Resp: 1324102

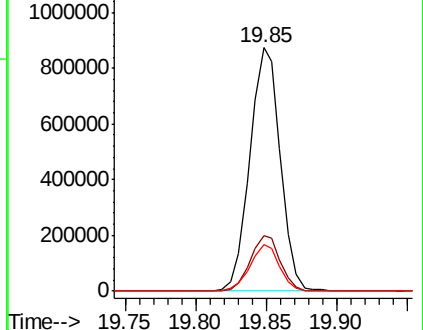
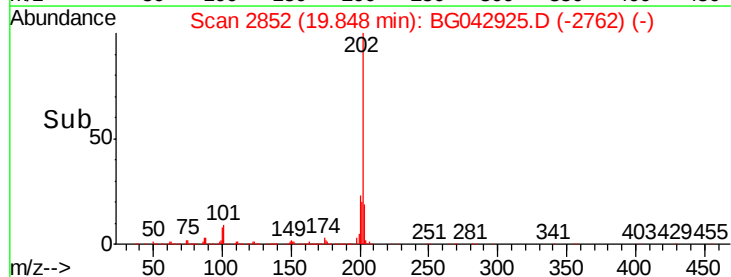
Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.6	26.4
203	19.0	15.2	22.8



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: 96.860 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

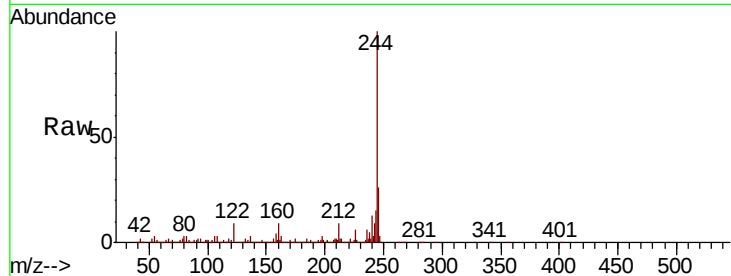
Tot Ion:244 Resp: 2152395

Ion Ratio Lower Upper

244 100

212 9.5 7.4 11.0

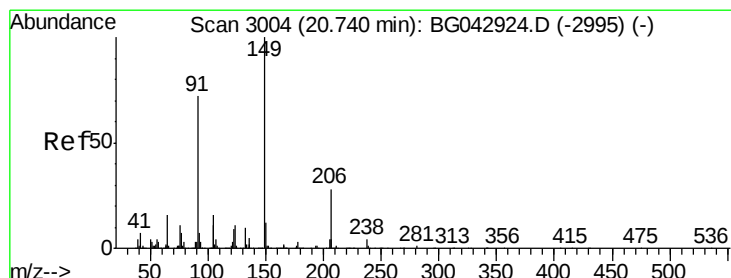
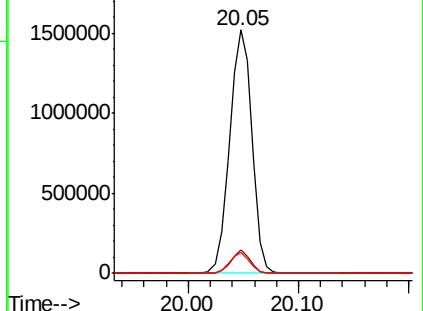
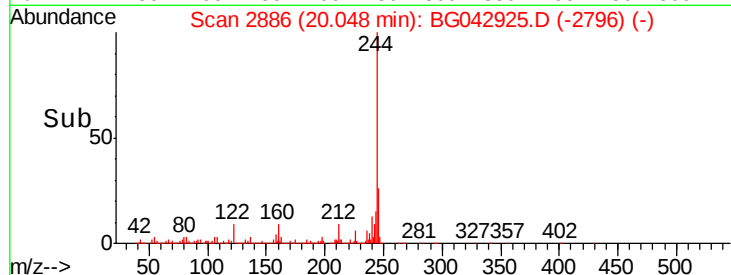
122 8.7 7.0 10.4



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: 51.315 ng

RT: 20.74 min Scan# 3003

Delta R.T. -0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

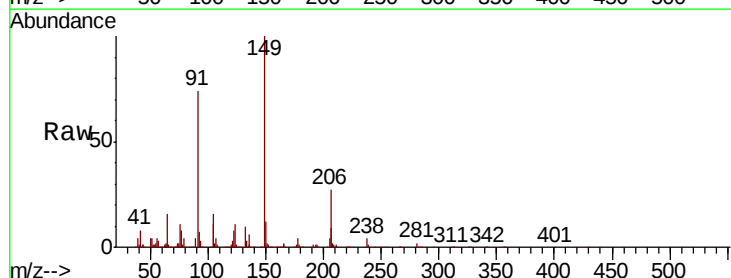
Tgt Ion:149 Resp: 534368

Ion Ratio Lower Upper

149 100

91 74.1 57.7 86.5

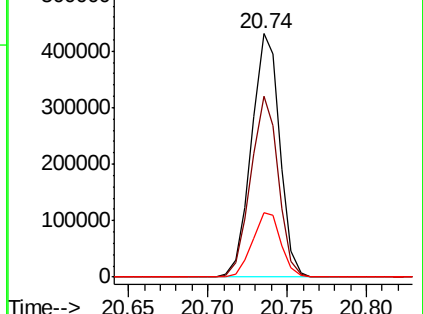
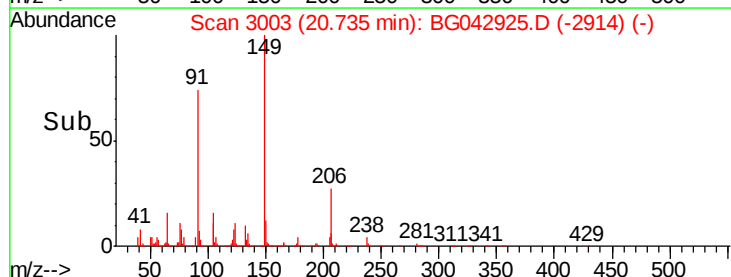
206 26.6 22.6 33.8

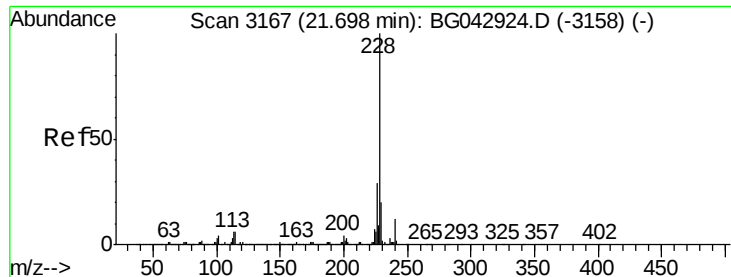


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.809 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

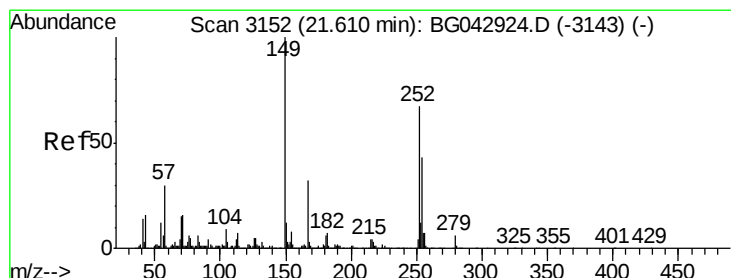
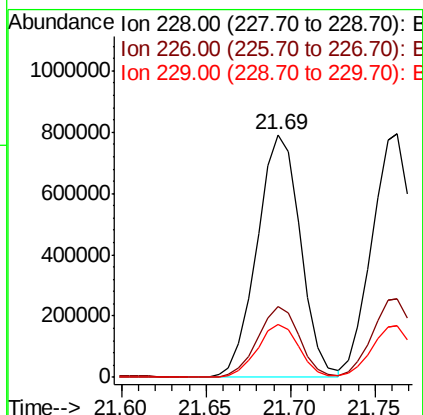
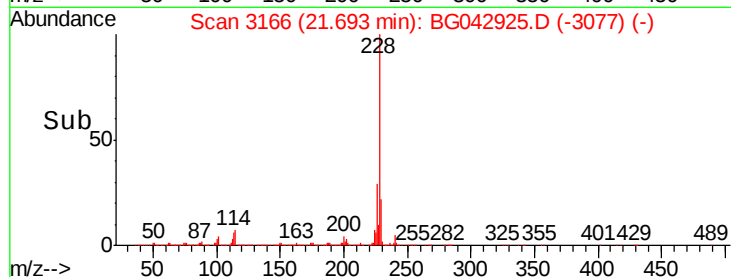
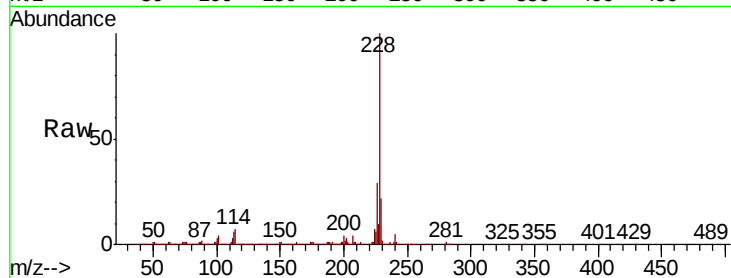
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1414871

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.4
229	21.8	16.3	24.5



#82

3,3'-Dichlorobenzidine

Concen: 50.268 ng

RT: 21.61 min Scan# 3152

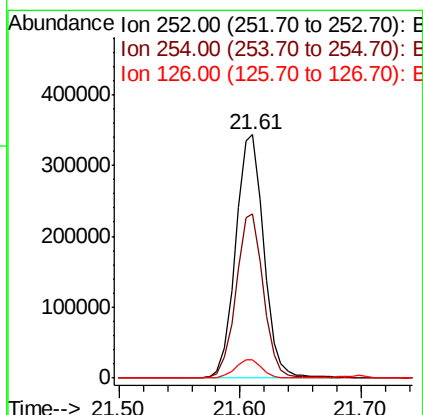
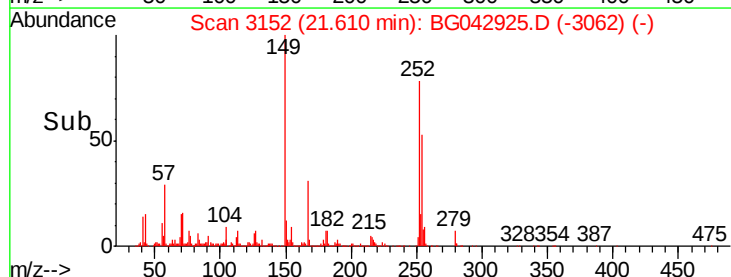
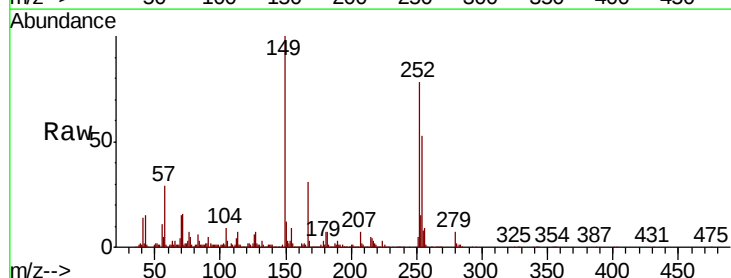
Delta R.T. 0.00 min

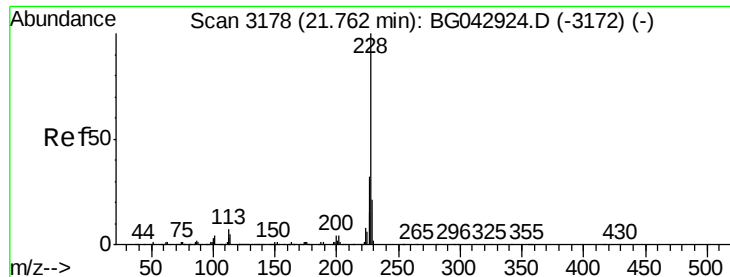
Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

Tgt Ion:252 Resp: 557544

Ion	Ratio	Lower	Upper
252	100		
254	67.7	51.9	77.9
126	7.3	6.1	9.1





#83

Chrysene

Concen: 50.264 ng

RT: 21.76 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

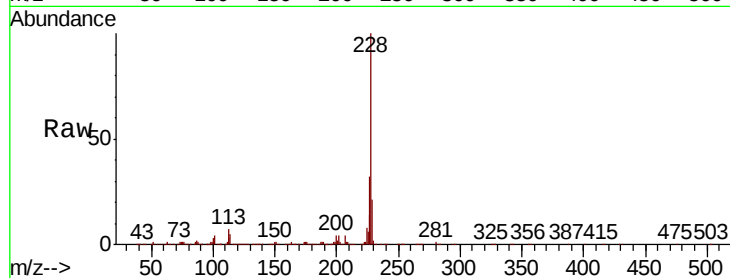
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1353499

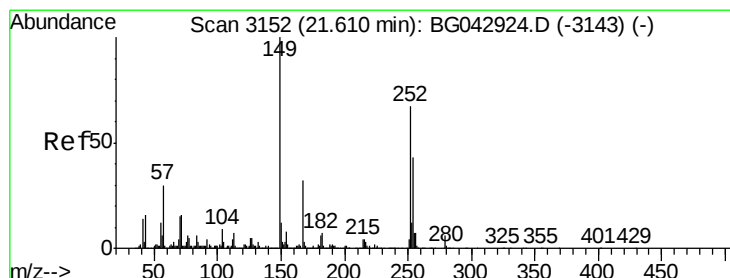
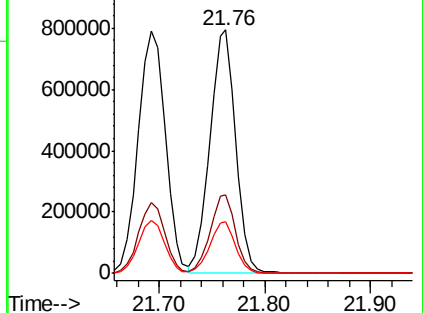
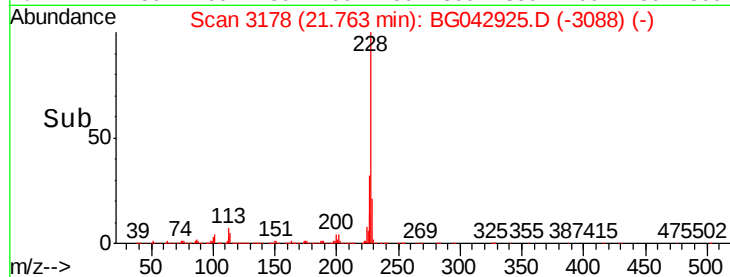
Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.6	38.4
229	21.4	16.9	25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.667 ng

RT: 21.60 min Scan# 3151

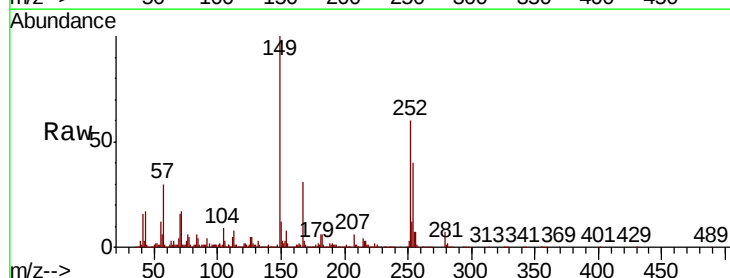
Delta R.T. -0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

Tgt Ion:149 Resp: 746219

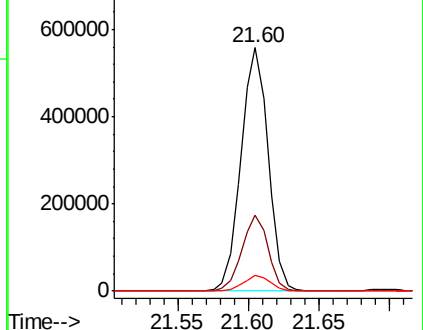
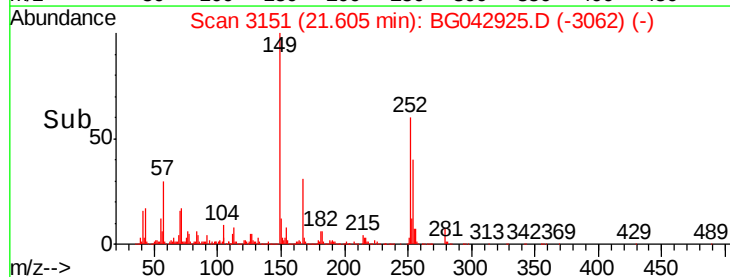
Ion	Ratio	Lower	Upper
149	100		
167	30.9	25.4	38.2
279	6.7	5.1	7.7

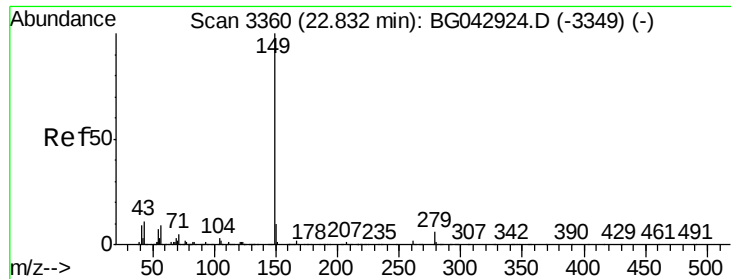


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.944 ng

RT: 22.83 min Scan# 3359

Delta R.T. -0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

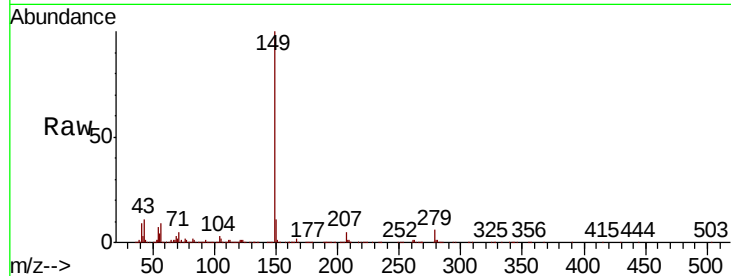
Tot Ion:149 Resp: 1217127

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

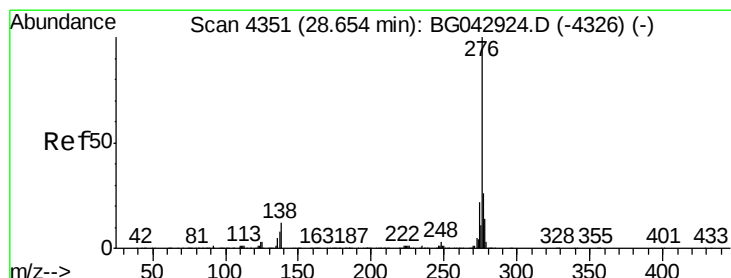
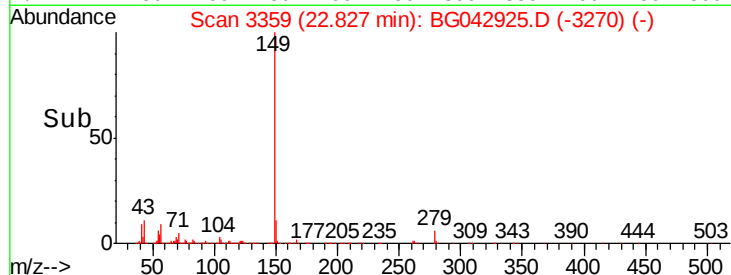
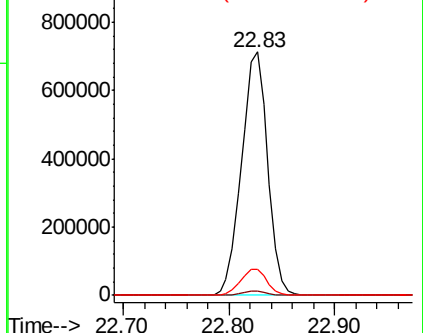
43 10.9 8.7 13.1



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: 50.879 ng

RT: 28.64 min Scan# 4349

Delta R.T. -0.01 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

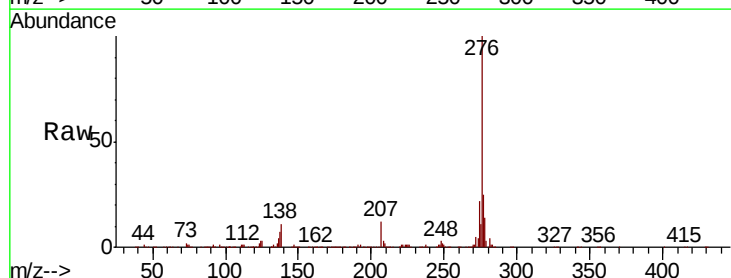
Tgt Ion:276 Resp: 1708146

Ion Ratio Lower Upper

276 100

138 8.8 7.0 10.6

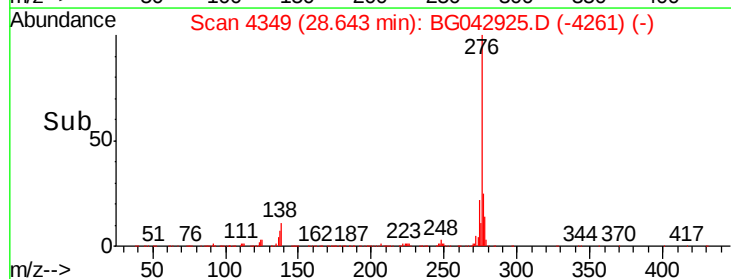
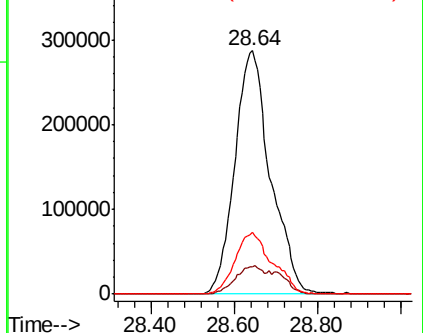
277 26.4 20.9 31.3

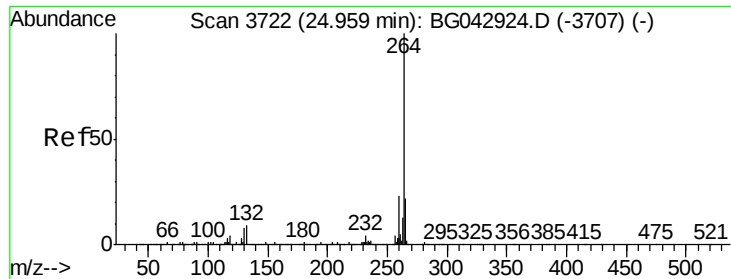


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.95 min Scan# 3720

Delta R.T. -0.01 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

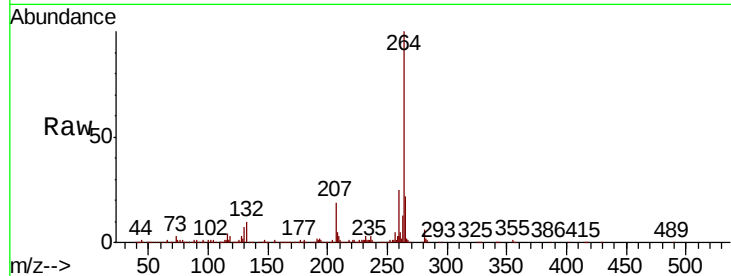
Tot Ion:264 Resp: 514999

Ion Ratio Lower Upper

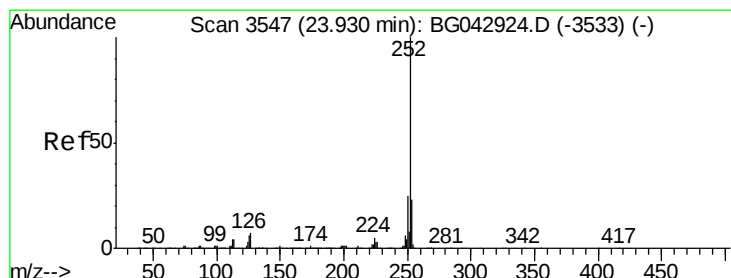
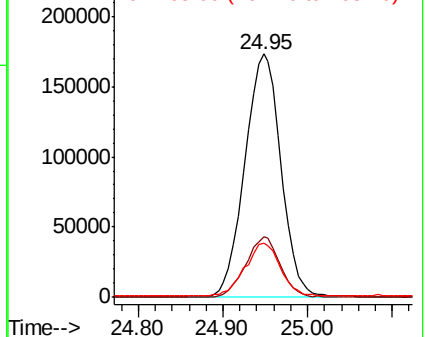
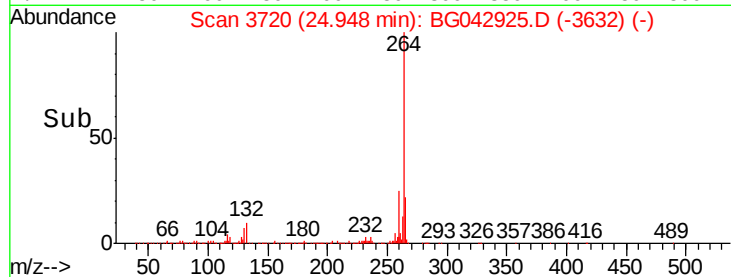
264 100

260 24.9 18.7 28.1

265 22.3 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.396 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

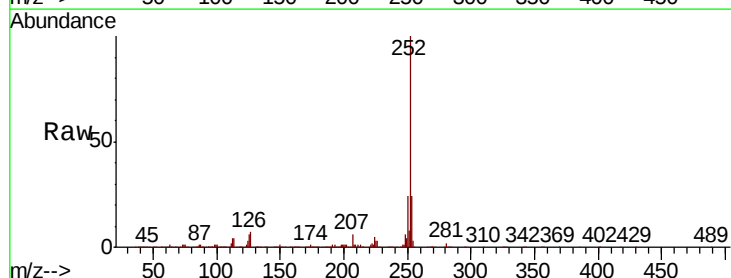
Tgt Ion:252 Resp: 1477900

Ion Ratio Lower Upper

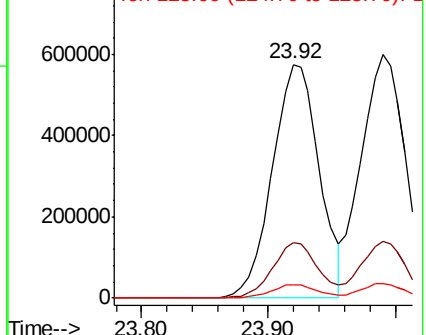
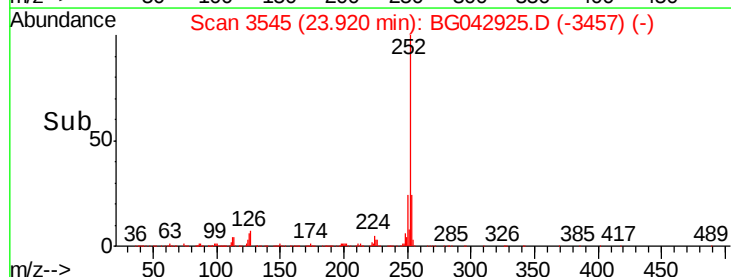
252 100

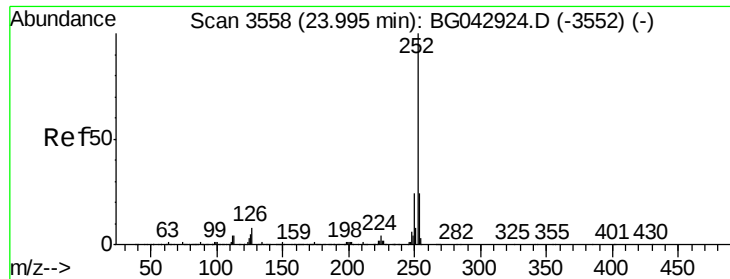
253 23.9 18.2 27.2

125 5.9 4.6 7.0



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





#89

Benzo(k)fluoranthene

Concen: 51.272 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

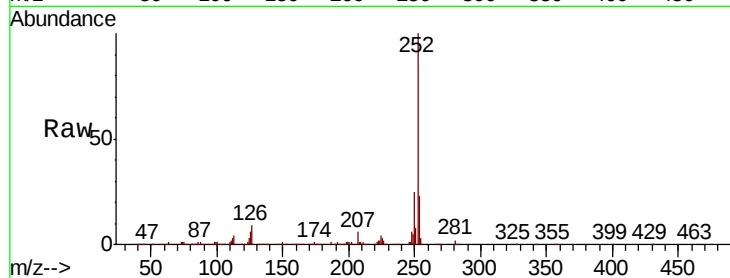
Tot Ion:252 Resp: 1452623

Ion Ratio Lower Upper

252 100

253 23.4 18.9 28.3

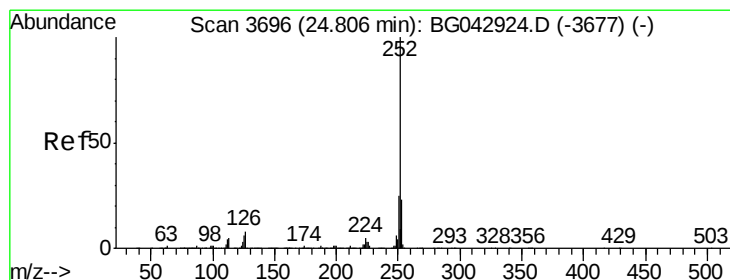
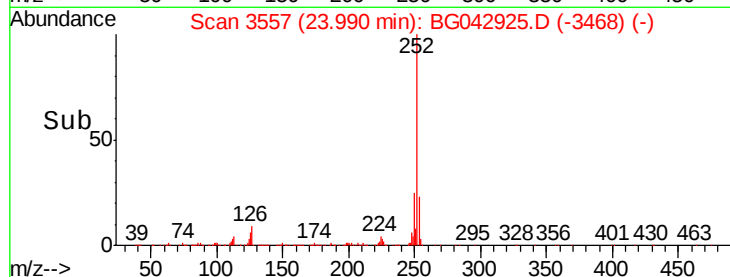
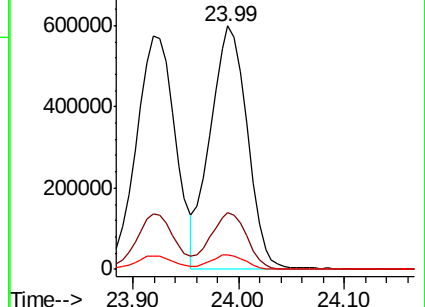
125 6.1 4.5 6.7



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



#90

Benzo(a)pyrene

Concen: 50.284 ng

RT: 24.80 min Scan# 3695

Delta R.T. -0.00 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

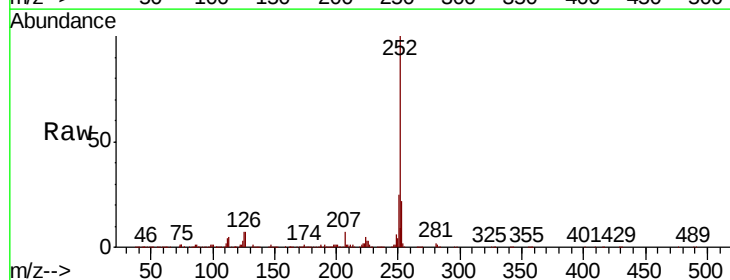
Tgt Ion:252 Resp: 1388826

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

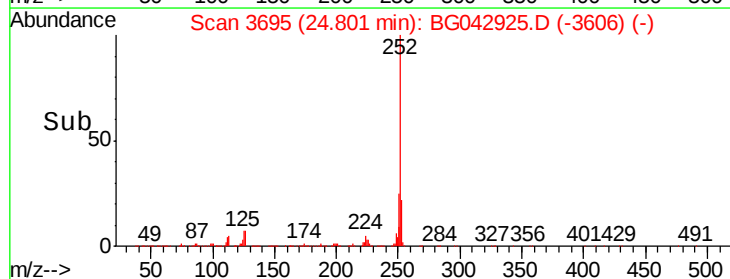
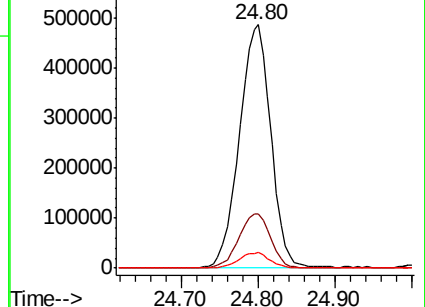
125 6.6 5.0 7.6

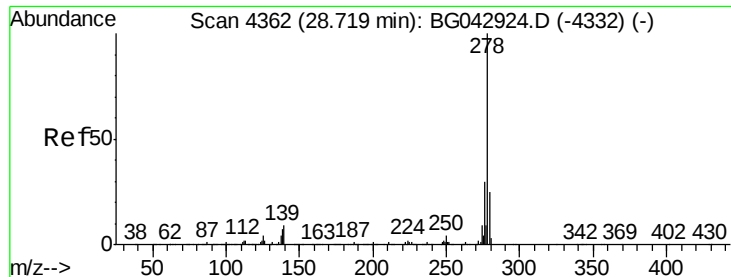


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 50.871 ng

RT: 28.71 min Scan# 4360

Delta R.T. -0.01 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

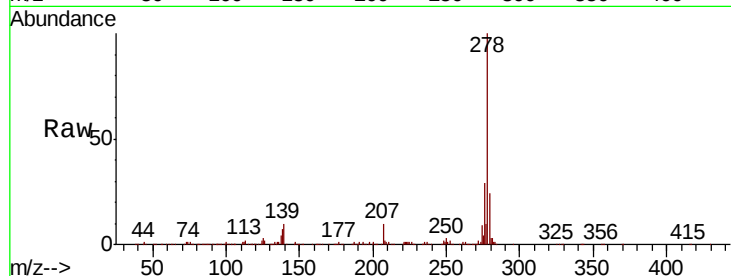
Tot Ion:278 Resp: 1426722

Ion Ratio Lower Upper

278 100

139 9.7 6.8 10.2

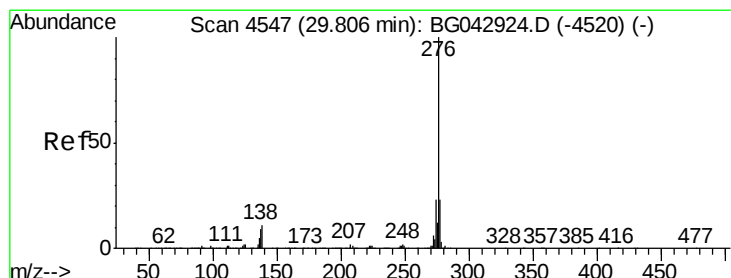
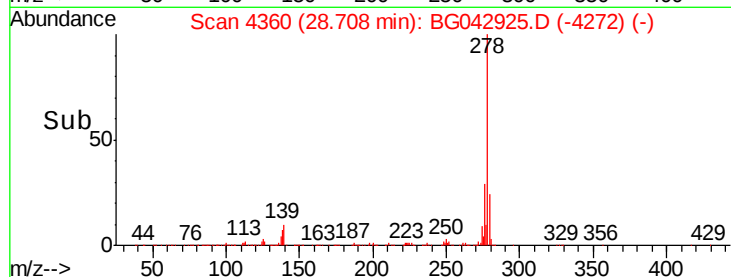
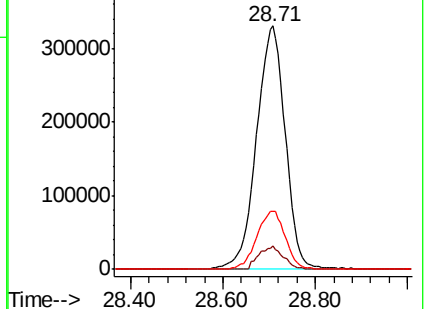
279 23.6 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.804 ng

RT: 29.79 min Scan# 4544

Delta R.T. -0.02 min

Lab File: BG042925.D

Acq: 25 Sep 2019 12:46

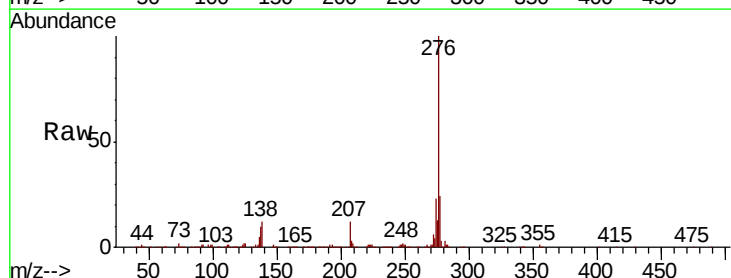
Tgt Ion:276 Resp: 1378155

Ion Ratio Lower Upper

276 100

277 24.5 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

