

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043237.D
 Acq On : 16 Oct 2019 4:56
 Operator : JU
 Sample : K5148-08MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 16 08:14:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56822	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	213865	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	146766	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	319452	20.00	ng	0.00
76) Chrysene-d12	21.70	240	340487	20.00	ng	0.00
87) Perylene-d12	24.93	264	407556	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	432341	135.79	ng	0.00
7) Phenol-d6	7.23	99	611421	133.35	ng	0.00
23) Nitrobenzene-d5	9.22	82	377123	85.71	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	366407	145.18	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	989426	97.73	ng	0.00
79) Terphenyl-d14	20.03	244	1676747	104.94	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.54	88	44639	33.627	ng	# 58
3) Pyridine	3.95	79	90060	24.121	ng	86
4) n-Nitrosodimethylamine	3.85	42	69667	38.801	ng	# 78
6) Aniline	7.38	93	57801	10.443	ng	98
8) 2-Chlorophenol	7.62	128	167434	50.425	ng	94
9) Benzaldehyde	7.20	77	31039	11.078	ng	85
10) Phenol	7.26	94	197516	46.953	ng	94
11) bis(2-Chloroethyl)ether	7.47	93	145482	44.697	ng	94
12) 1,3-Dichlorobenzene	7.94	146	180212	42.544	ng	98
13) 1,4-Dichlorobenzene	8.09	146	190948	45.220	ng	98
14) 1,2-Dichlorobenzene	8.41	146	178841	44.486	ng	94
15) Benzyl Alcohol	8.29	79	147410	42.762	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	201963	32.310	ng	91
17) 2-Methylphenol	8.51	107	141187	47.966	ng	95
18) Hexachloroethane	9.14	117	65470	41.168	ng	91
19) n-Nitroso-di-n-propylamine	8.86	70	125197	41.584	ng	91
20) 3+4-Methylphenols	8.84	107	194140	48.129	ng	96
22) Acetophenone	8.88	105	246242	44.668	ng	# 95
24) Nitrobenzene	9.26	77	191416	45.608	ng	96
25) Isophorone	9.78	82	349768	45.255	ng	98
26) 2-Nitrophenol	9.97	139	97447	54.542	ng	95
27) 2,4-Dimethylphenol	10.03	122	155133	56.540	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	195706	44.630	ng	98
29) 2,4-Dichlorophenol	10.52	162	180962	53.030	ng	94
30) 1,2,4-Trichlorobenzene	10.72	180	199627	45.300	ng	96
31) Naphthalene	10.91	128	524398	49.811	ng	99
32) Benzoic acid	10.20	122	86464	41.682	ng	96
33) 4-Chloroaniline	11.04	127	23489	5.142	ng	# 89
34) Hexachlorobutadiene	11.20	225	144175	43.695	ng	97
35) Caprolactam	11.80	113	36287	30.154	ng	# 69
36) 4-Chloro-3-methylphenol	12.15	107	195584	52.714	ng	98
37) 2-Methylnaphthalene	12.51	142	396602	49.382	ng	95
38) 1-Methylnaphthalene	12.73	142	375133	49.363	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	263522	47.754	ng	99

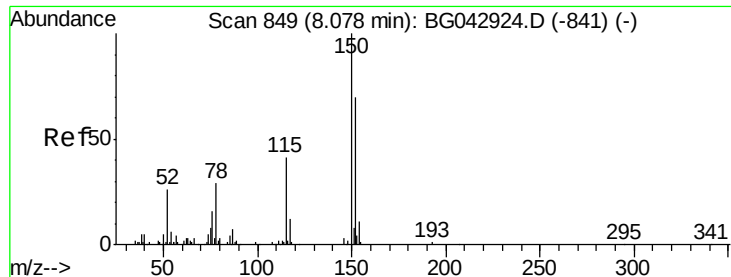
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
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 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	156928	44.632	ng	94
43) 2,4,6-Trichlorophenol	13.12	196	170933	52.922	ng	98
44) 2,4,5-Trichlorophenol	13.20	196	176847	53.151	ng	97
46) 1,1'-Biphenyl	13.51	154	535768	48.138	ng	98
47) 2-Chloronaphthalene	13.56	162	420462	50.387	ng	99
48) 2-Nitroaniline	13.76	65	123496	44.503	ng	89
49) Acenaphthylene	14.41	152	661591	51.814	ng	98
50) Dimethylphthalate	14.13	163	522473	47.512	ng	99
51) 2,6-Dinitrotoluene	14.25	165	122717	52.403	ng	90
52) Acenaphthene	14.75	154	397080	46.460	ng	95
53) 3-Nitroaniline	14.59	138	51138	21.130	ng	# 92
54) 2,4-Dinitrophenol	14.79	184	51602	35.450	ng	91
55) Dibenzofuran	15.08	168	647245	51.194	ng	99
56) 4-Nitrophenol	14.91	139	181920	98.655	ng	94
57) 2,4-Dinitrotoluene	15.04	165	169538	49.437	ng	89
58) Fluorene	15.73	166	536855	49.737	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	172835	48.786	ng	92
60) Diethylphthalate	15.49	149	518326	46.315	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	313170	48.377	ng	97
62) 4-Nitroaniline	15.75	138	103399	39.174	ng	96
63) Azobenzene	16.01	77	448438	44.012	ng	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	45083	24.940	ng	95
66) n-Nitrosodiphenylamine	15.93	169	471550	55.917	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	219748	54.808	ng	98
68) Hexachlorobenzene	16.74	284	238393	53.401	ng	97
69) Atrazine	16.88	200	147873	41.641	ng	97
70) Pentachlorophenol	17.08	266	277723	107.813	ng	99
71) Phenanthrene	17.47	178	823412	52.797	ng	98
72) Anthracene	17.56	178	857075	55.048	ng	100
73) Carbazole	17.83	167	760884	52.700	ng	98
74) Di-n-butylphthalate	18.38	149	883017	51.260	ng	99
75) Fluoranthene	19.48	202	1055544	51.170	ng	98
77) Benzidine	19.67	184	79319	9.304	ng	# 95
78) Pyrene	19.83	202	1070991	52.700	ng	99
80) Butylbenzylphthalate	20.72	149	398738	51.691	ng	98
81) Benzo(a)anthracene	21.68	228	1082870	51.042	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	272735	32.777	ng	97
83) Chrysene	21.75	228	1060432	51.507	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	581933	53.017	ng	98
85) Di-n-octyl phthalate	22.79	149	991159	55.222	ng	95
86) Indeno(1,2,3-cd)pyrene	28.61	276	1334472	52.066	ng	# 96
88) Benzo(b)fluoranthene	23.91	252	1147420	49.757	ng	100
89) Benzo(k)fluoranthene	23.97	252	1191241	52.217	ng	99
90) Benzo(a)pyrene	24.78	252	1146712	52.706	ng	100
91) Dibenzo(a,h)anthracene	28.67	278	1139242	51.065	ng	98
92) Benzo(g,h,i)perylene	29.75	276	1006742	46.573	ng	98

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

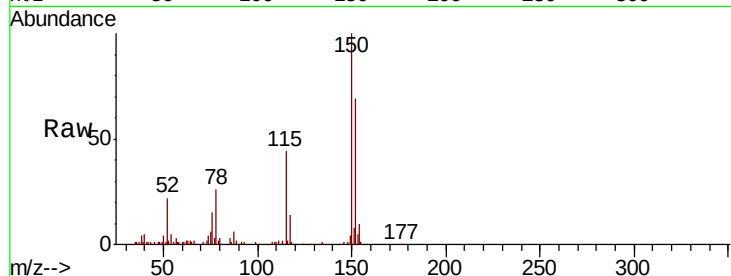


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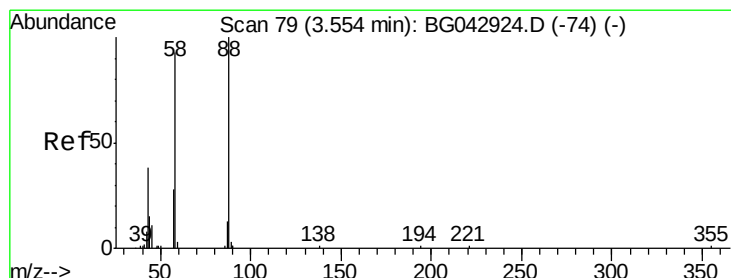
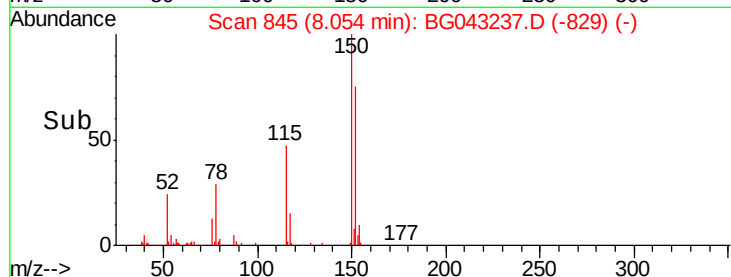
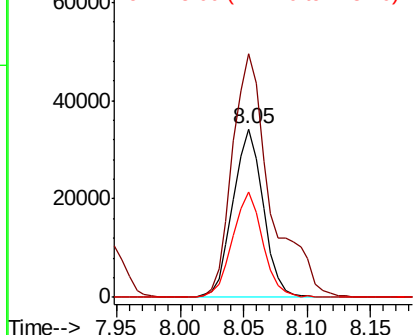
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.8	115.0	172.4
115	63.0	47.0	70.6



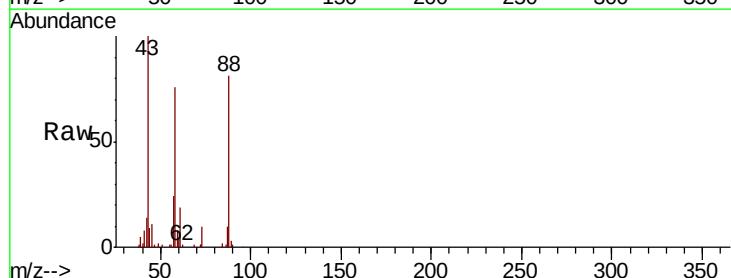
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



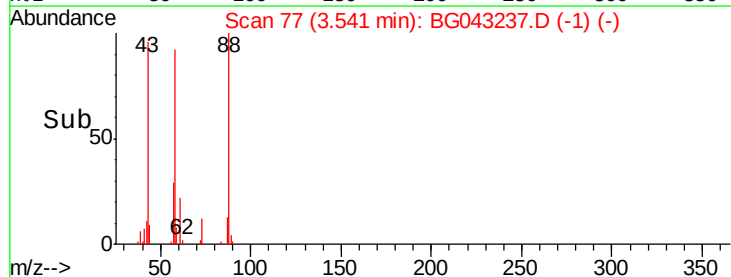
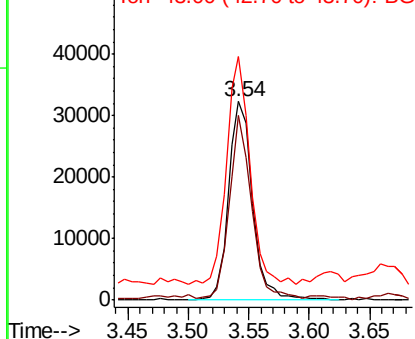
#2

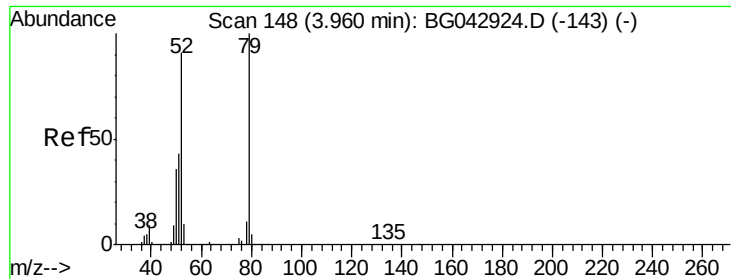
1,4-Dioxane
Concen: 33.627 ng
RT: 3.54 min Scan# 77
Delta R.T. 0.01 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.6	74.3	111.5
43	110.9	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: 24.121 ng

RT: 3.95 min Scan# 146

Delta R.T. 0.01 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

Instrument :

BNA_G

ClientSampleId :

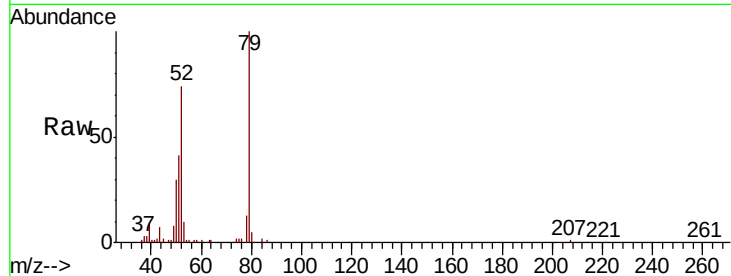
Tot Ion: 79 Resp: 90060

Ion Ratio Lower Upper

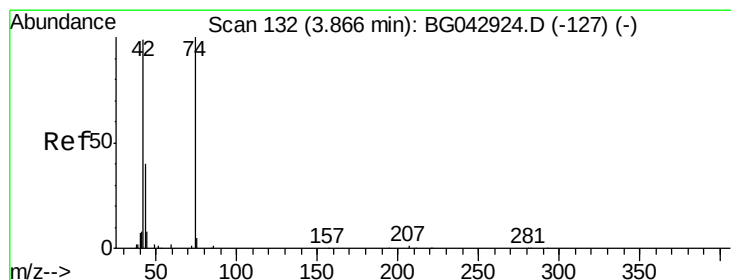
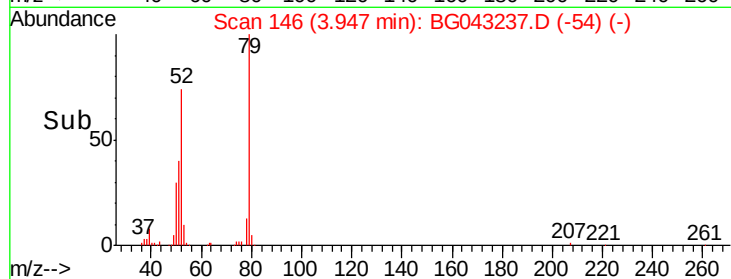
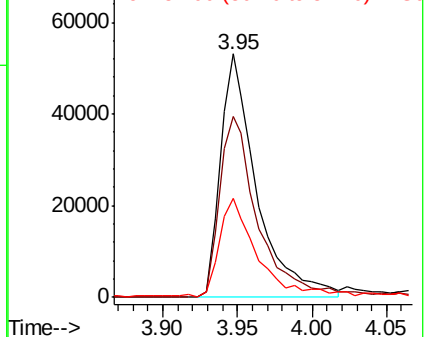
79 100

52 74.2 73.0 109.4

51 40.6 35.1 52.7



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 38.801 ng

RT: 3.85 min Scan# 129

Delta R.T. 0.00 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

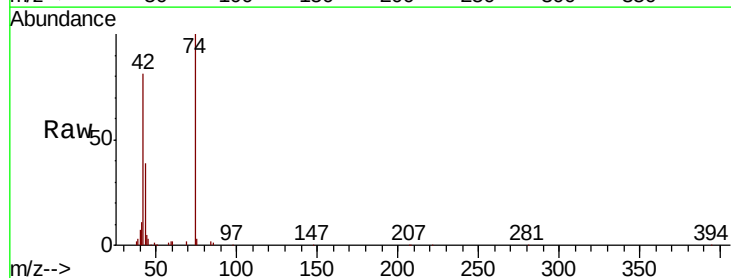
Tgt Ion: 42 Resp: 69667

Ion Ratio Lower Upper

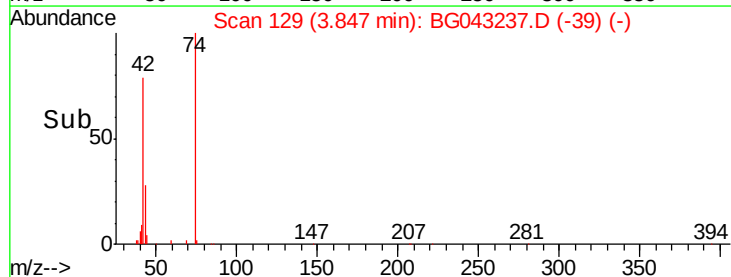
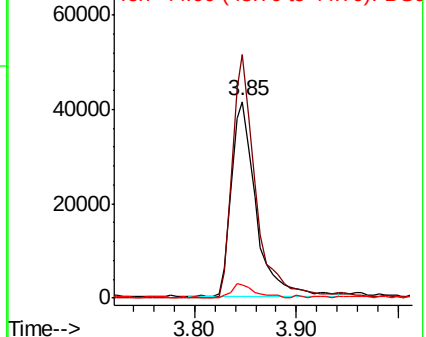
42 100

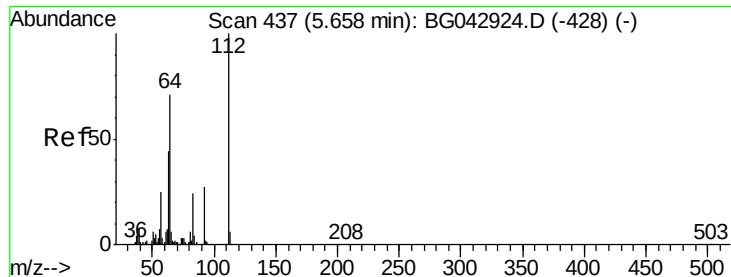
74 124.0 80.5 120.7#

44 6.6 6.9 10.3#



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





#5

2-Fluorophenol

Concen: 135.786 ng

RT: 5.64 min Scan# 434

Delta R.T. 0.00 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

Instrument :

BNA_G

ClientSampleId :

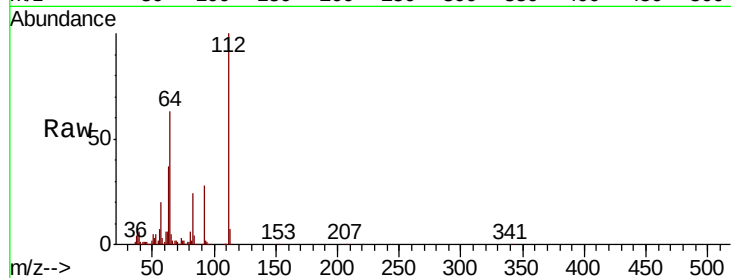
Tot Ion:112 Resp: 432341

Ion Ratio Lower Upper

112 100

64 63.2 56.6 84.8

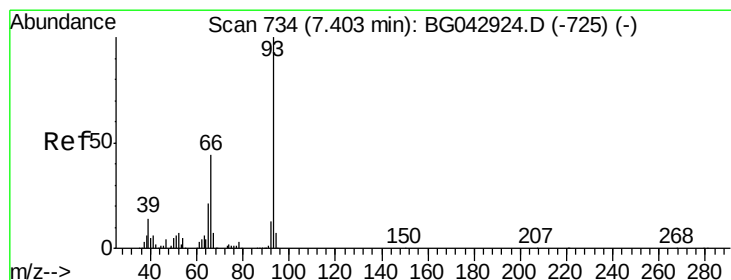
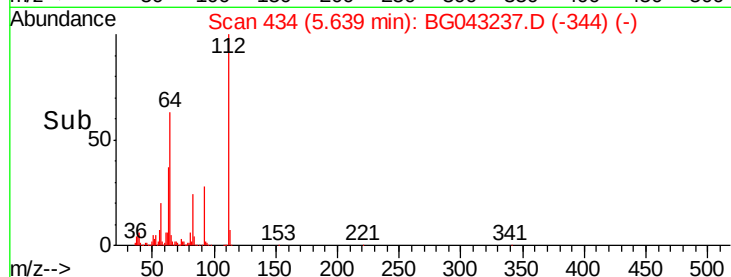
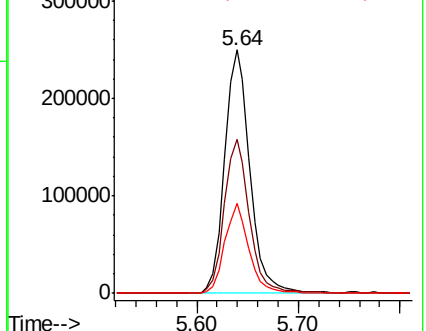
63 36.8 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 10.443 ng

RT: 7.38 min Scan# 731

Delta R.T. 0.00 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

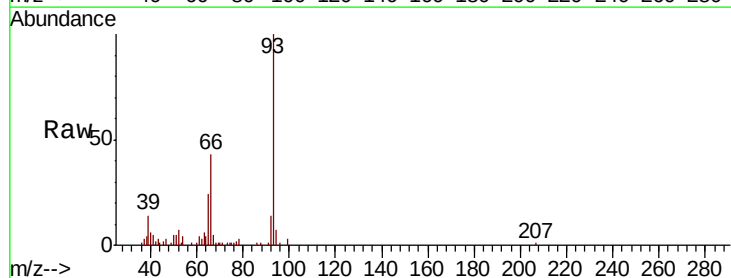
Tgt Ion: 93 Resp: 57801

Ion Ratio Lower Upper

93 100

66 43.2 35.0 52.6

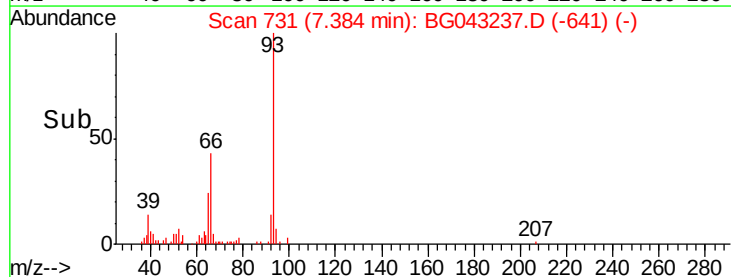
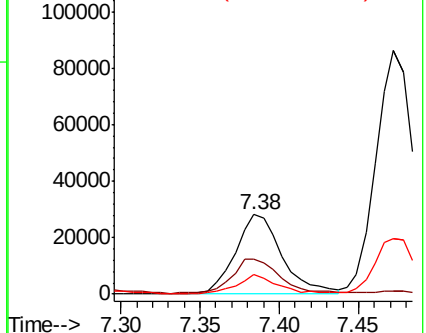
65 23.9 17.4 26.0

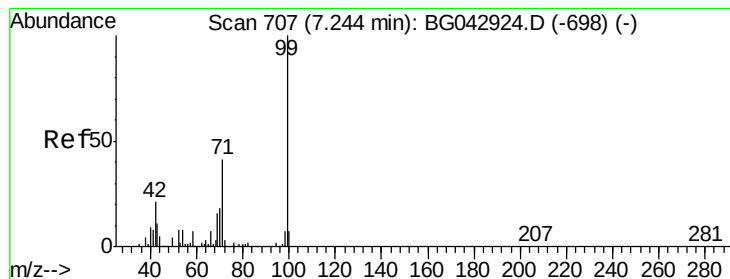


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.349 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

Instrument :

BNA_G

ClientSampled :

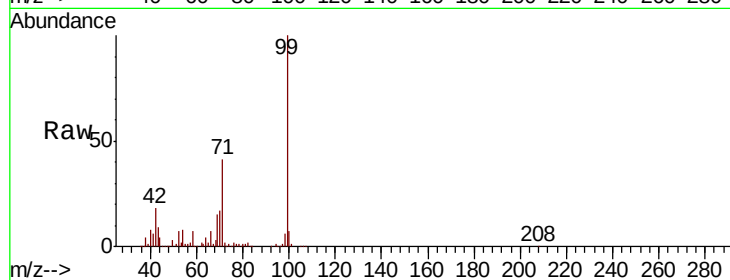
Tot Ion: 99 Resp: 611421

Ion Ratio Lower Upper

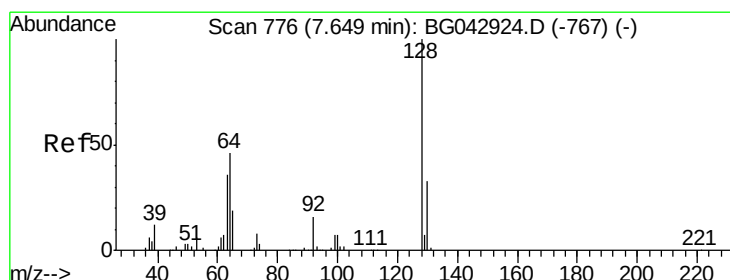
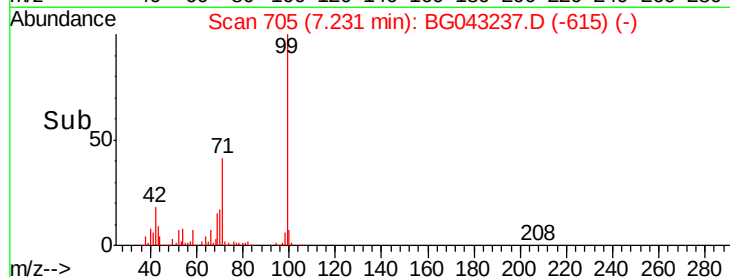
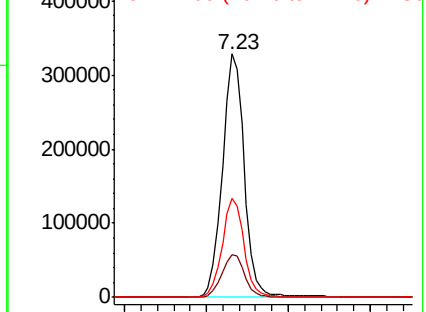
99 100

42 17.6 17.2 25.8

71 40.7 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: 50.425 ng

RT: 7.62 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

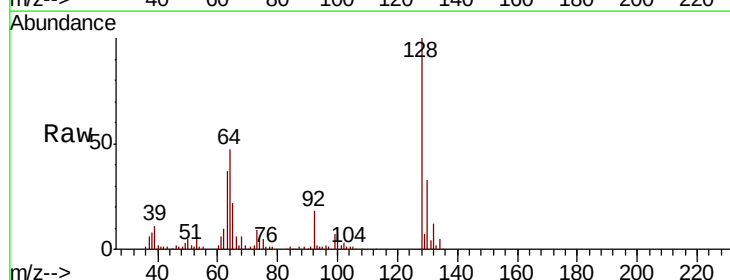
Tgt Ion: 128 Resp: 167434

Ion Ratio Lower Upper

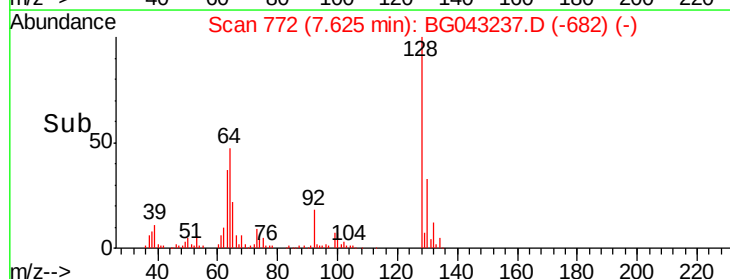
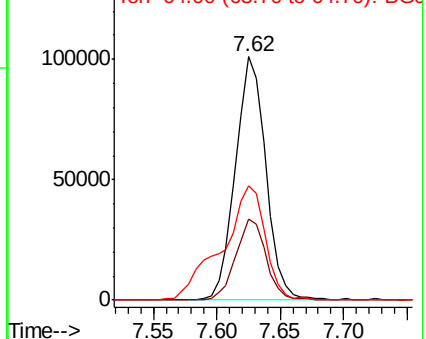
128 100

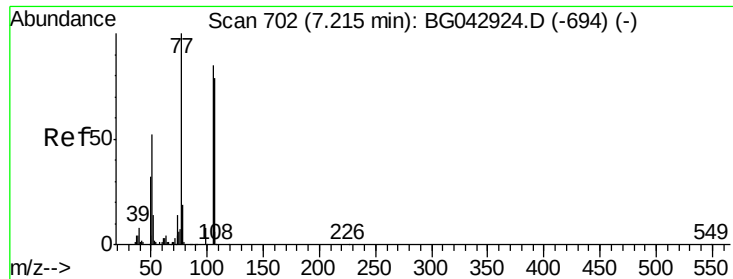
130 33.4 12.5 52.5

64 46.8 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: 11.078 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

Instrument :

BNA_G

ClientSampleId :

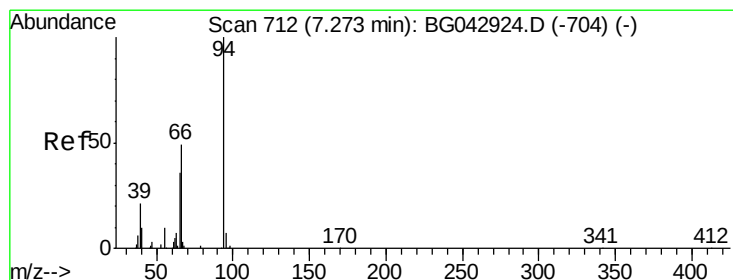
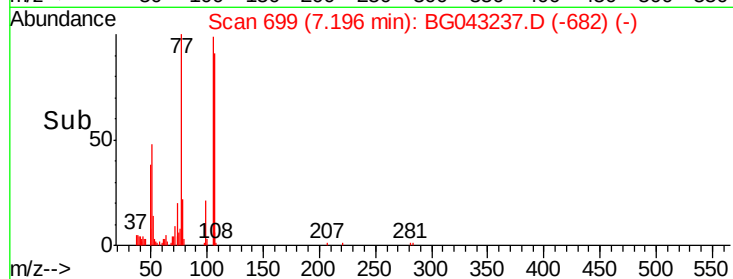
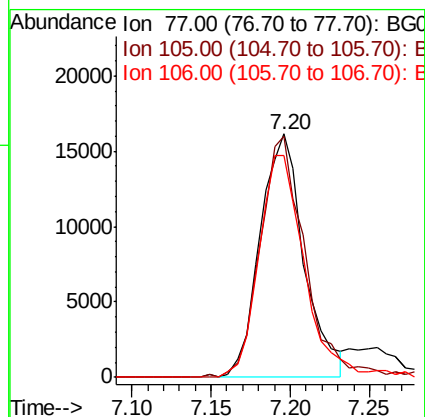
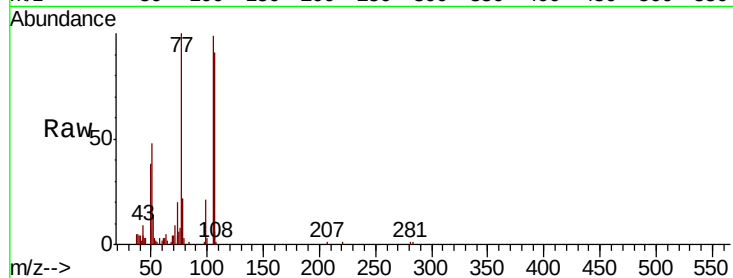
Tot Ion: 77 Resp: 31039

Ion Ratio Lower Upper

77 100

105 99.2 64.6 104.6

106 91.0 59.4 99.4



#10

Phenol

Concen: 46.953 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.01 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

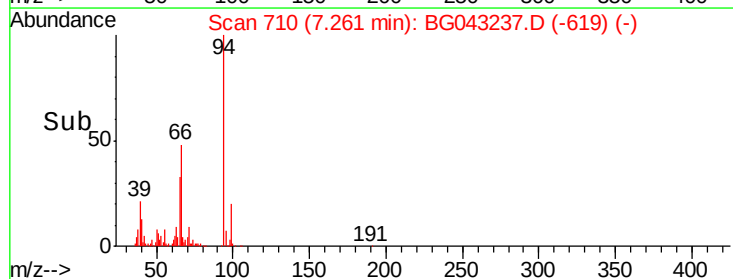
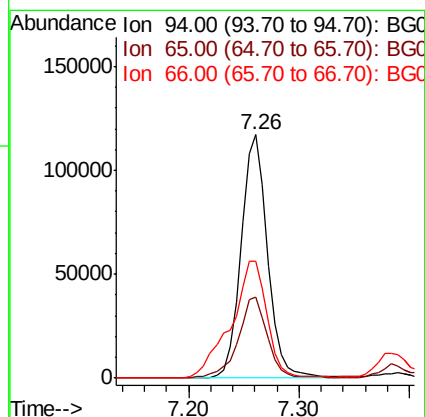
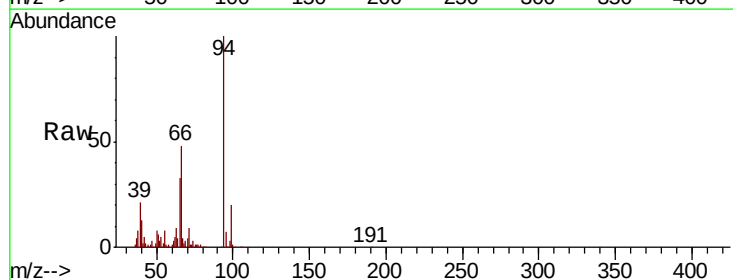
Tgt Ion: 94 Resp: 197516

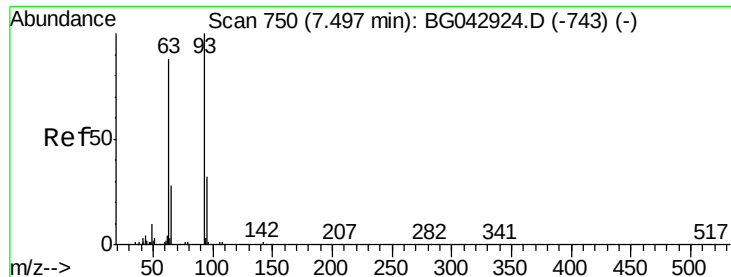
Ion Ratio Lower Upper

94 100

65 33.4 16.6 56.6

66 48.2 32.4 72.4





#11

bis(2-Chloroethyl)ether

Concen: 44.697 ng

RT: 7.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

Instrument :

BNA_G

ClientSampled :

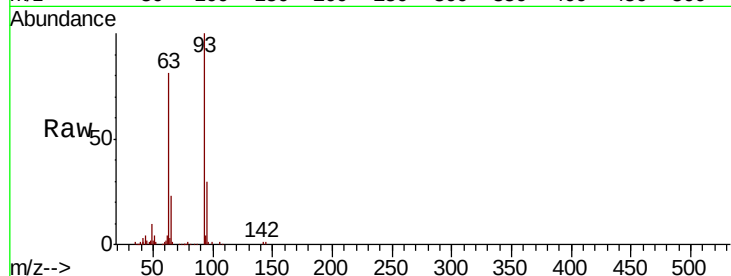
Tot Ion: 93 Resp: 145482

Ion Ratio Lower Upper

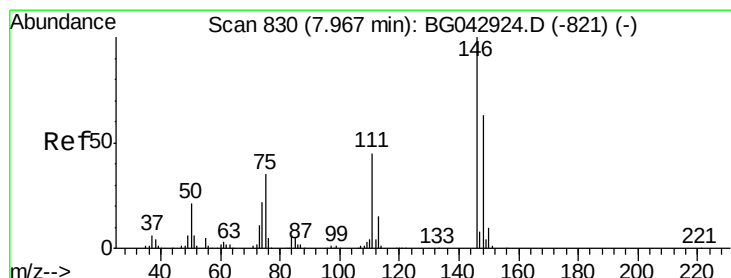
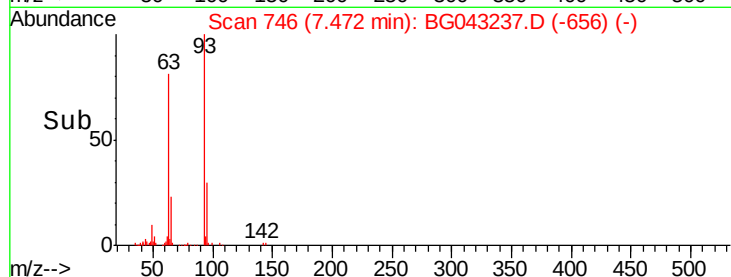
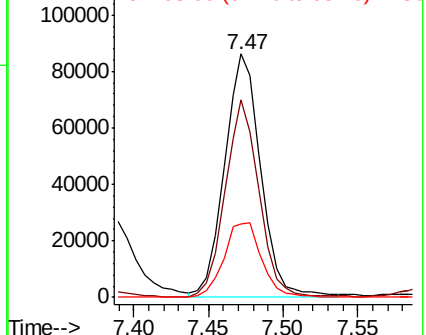
93 100

63 81.2 67.4 107.4

95 30.4 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 42.544 ng

RT: 7.94 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

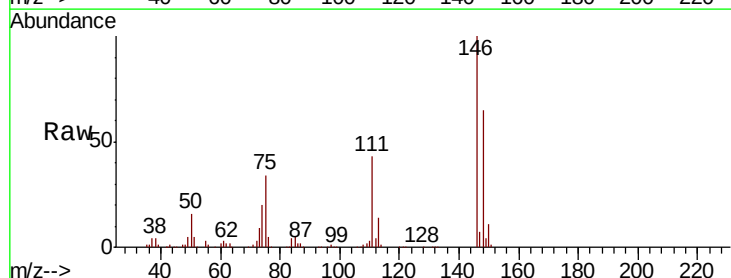
Tgt Ion: 146 Resp: 180212

Ion Ratio Lower Upper

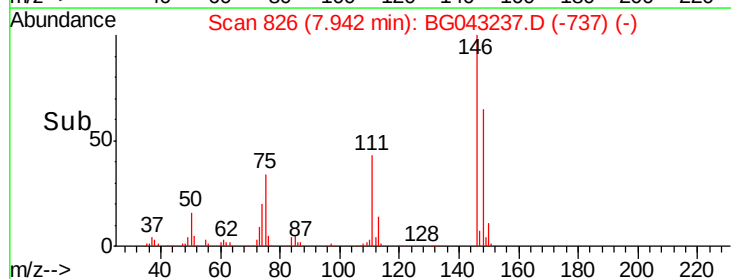
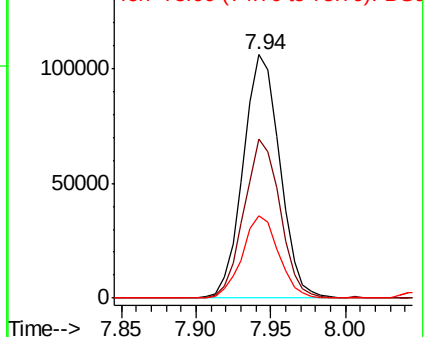
146 100

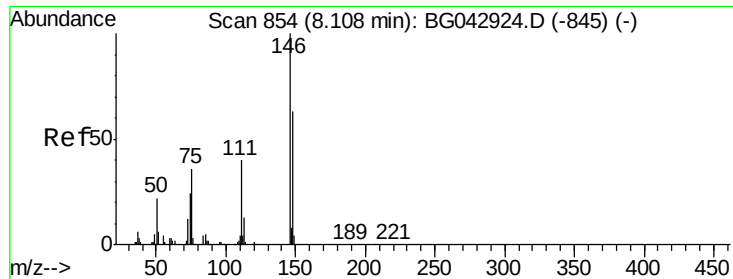
148 65.4 50.7 76.1

75 33.6 27.7 41.5



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

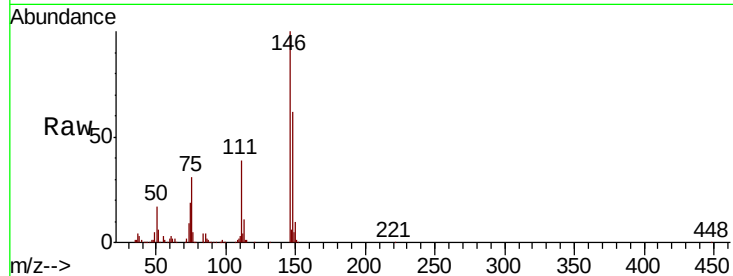




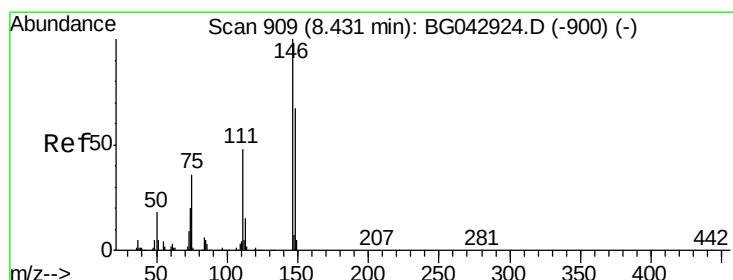
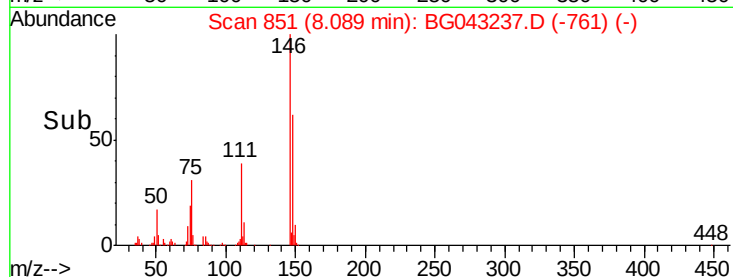
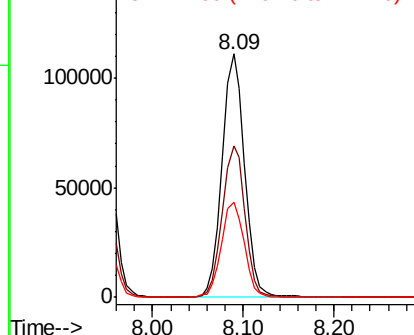
#13
 1,4-Dichlorobenzene
 Concen: 45.220 ng
 RT: 8.09 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BG043237.D
 Acq: 16 Oct 2019 4:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.0	50.9	76.3
111	38.8	31.8	47.8

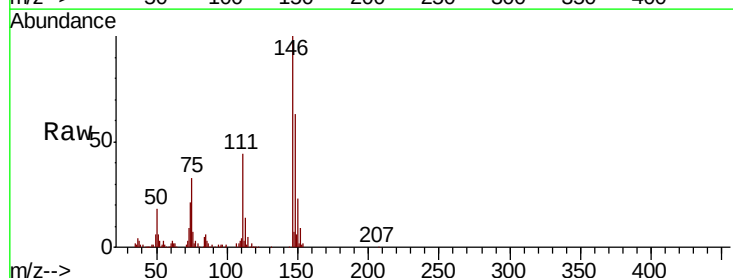


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

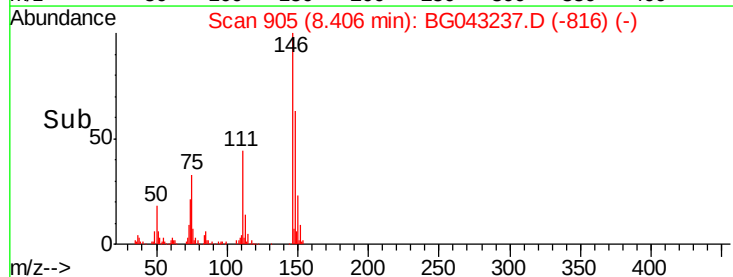
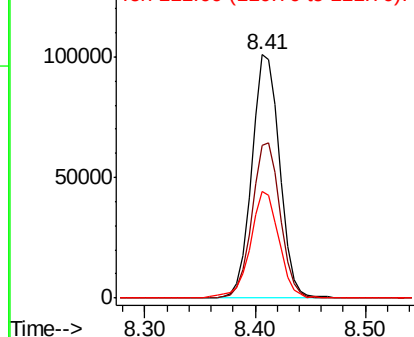


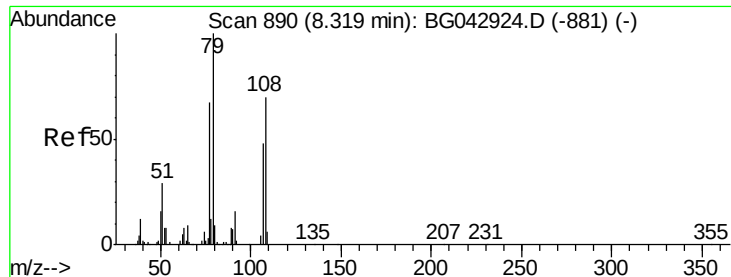
#14
 1,2-Dichlorobenzene
 Concen: 44.486 ng
 RT: 8.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BG043237.D
 Acq: 16 Oct 2019 4:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	53.4	80.2
111	43.8	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: 42.762 ng

RT: 8.29 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

Instrument :

BNA_G

ClientSampled :

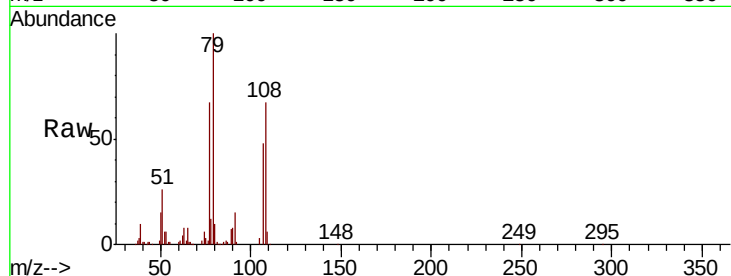
Tot Ion: 79 Resp: 147410

Ion Ratio Lower Upper

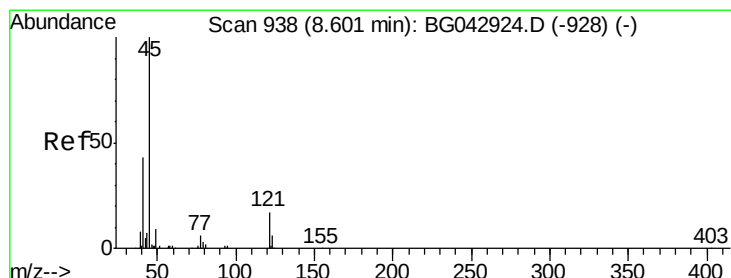
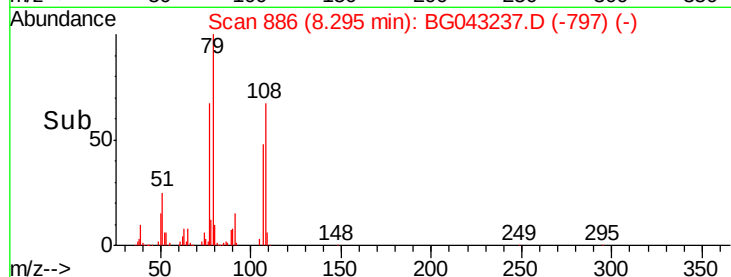
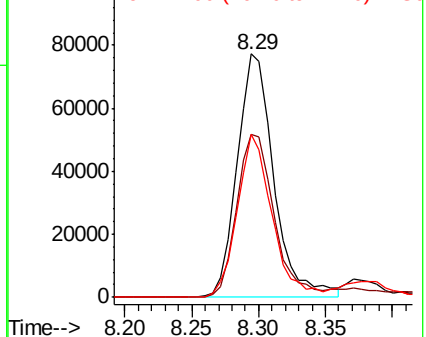
79 100

108 66.8 55.7 83.5

77 66.9 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: 32.310 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

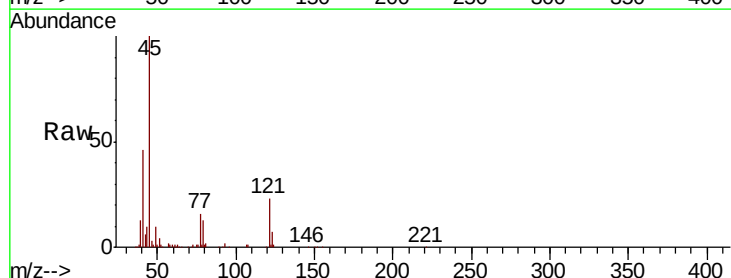
Tgt Ion: 45 Resp: 201963

Ion Ratio Lower Upper

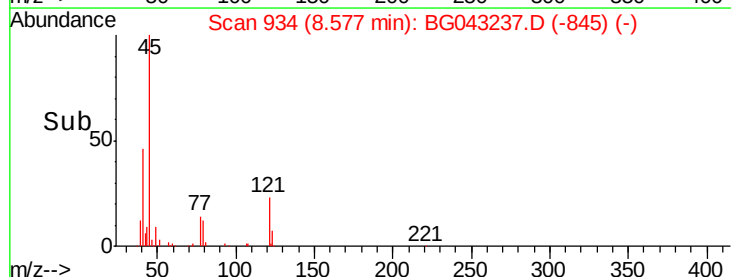
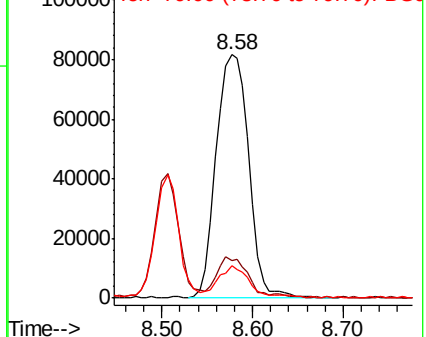
45 100

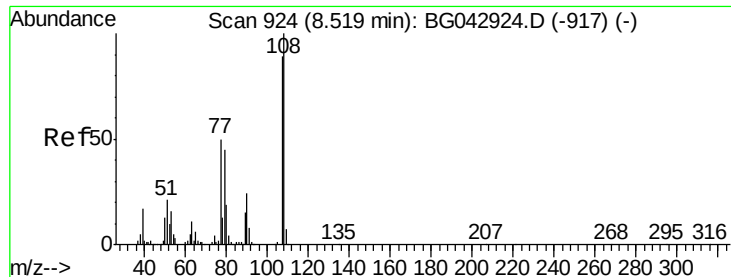
77 15.6 0.0 32.8

79 13.4 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: 47.966 ng

RT: 8.51 min Scan# 922

Delta R.T. 0.01 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 141187

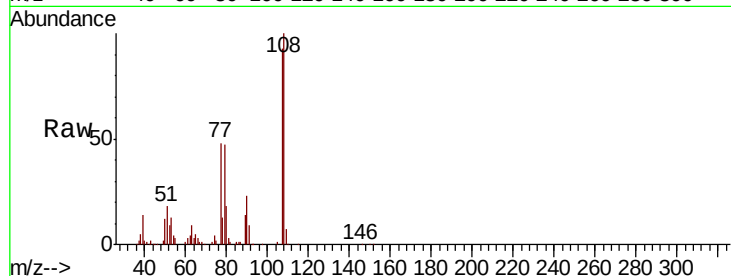
Ion Ratio Lower Upper

107 100

108 107.4 89.9 134.9

77 51.3 45.4 68.2

79 50.9 41.4 62.0

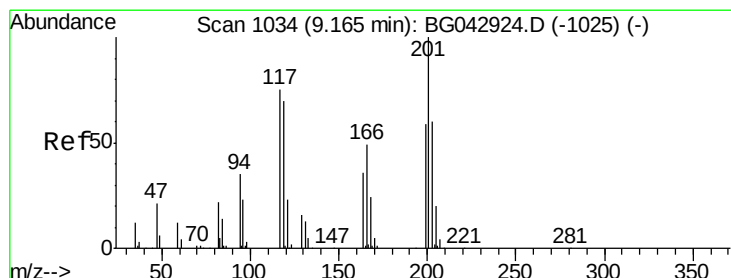
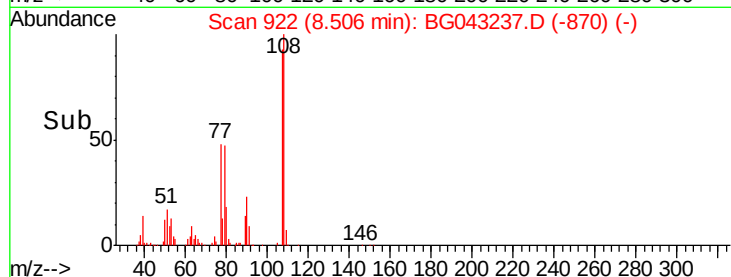
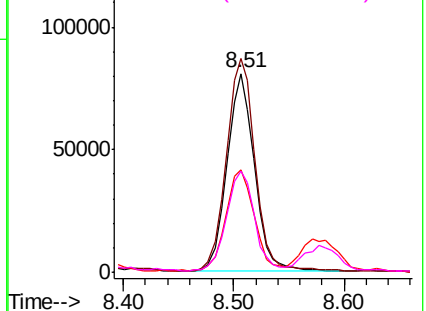


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 41.168 ng

RT: 9.14 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

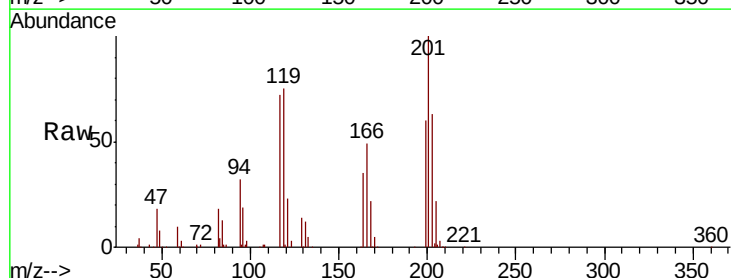
Tgt Ion:117 Resp: 65470

Ion Ratio Lower Upper

117 100

119 105.0 74.6 111.8

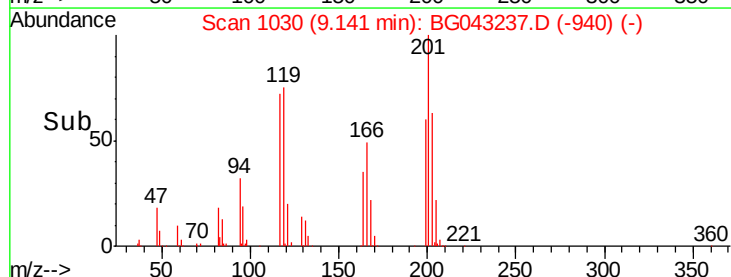
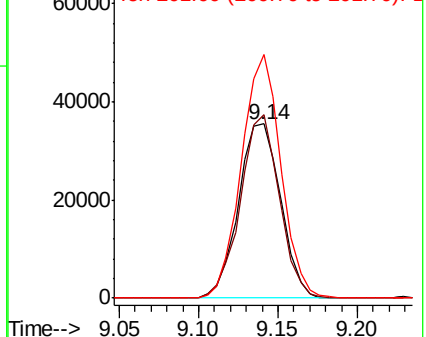
201 139.7 106.0 159.0

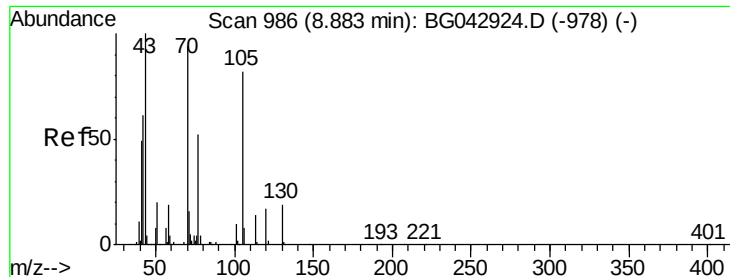


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

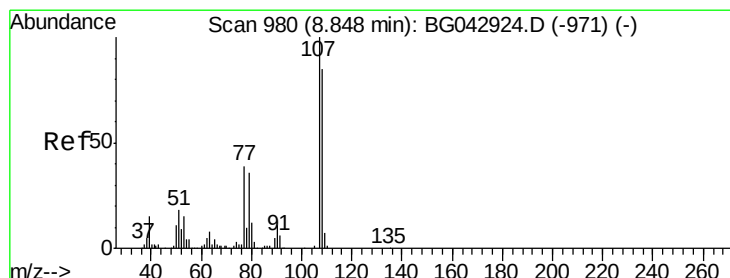
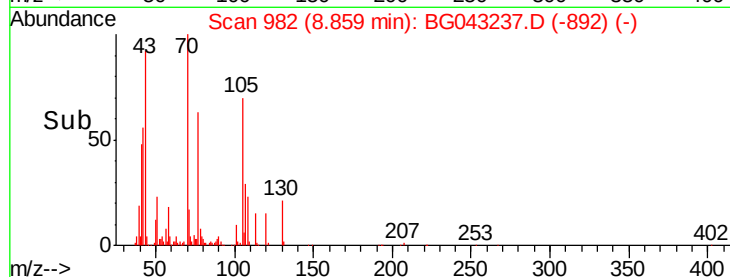
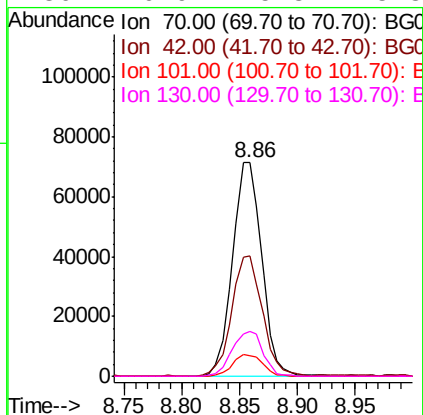
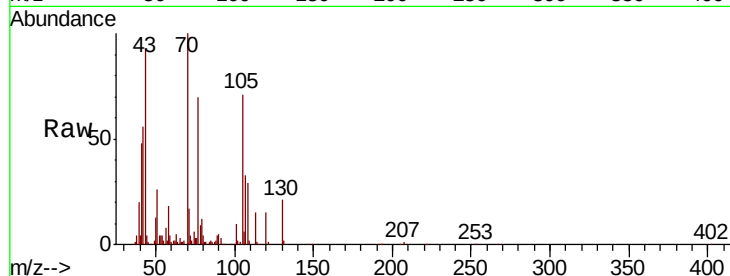




#19
n-Nitroso-di-n-propylamine
Concen: 41.584 ng
RT: 8.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

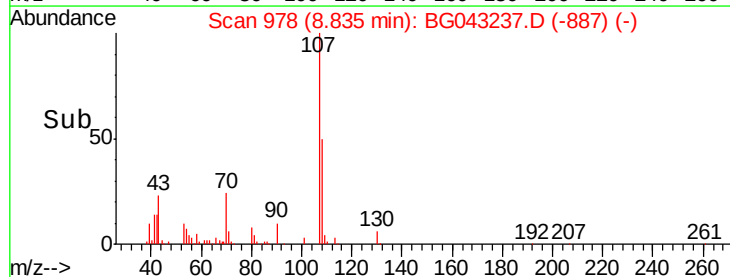
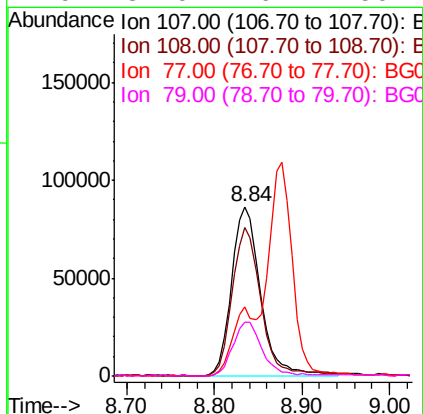
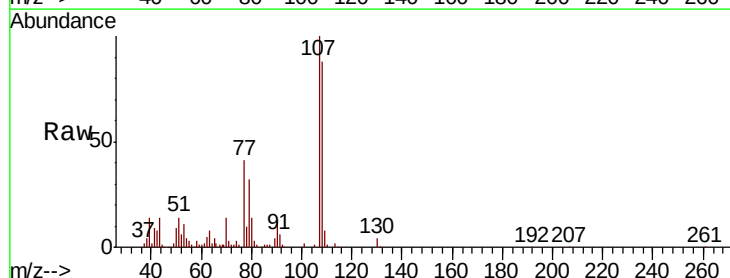
Instrument :
BNA_G
ClientSampleId :

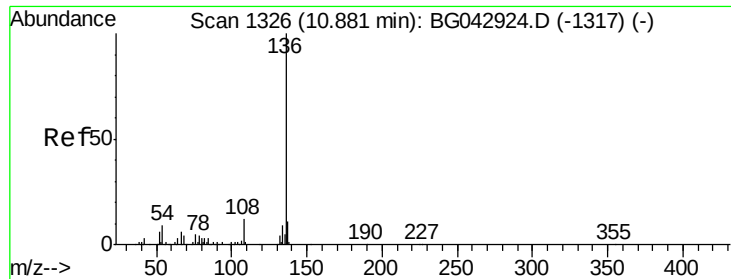
Tot Ion: 70 Resp: 125197
Ion Ratio Lower Upper
70 100
42 56.3 52.6 79.0
101 9.5 8.7 13.1
130 20.9 15.8 23.8



#20
3+4-Methylphenols
Concen: 48.129 ng
RT: 8.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

Tgt Ion: 107 Resp: 194140
Ion Ratio Lower Upper
107 100
108 87.7 64.9 104.9
77 40.7 19.4 59.4
79 32.0 16.2 56.2

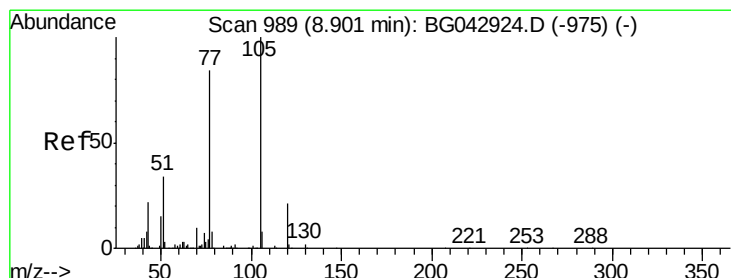
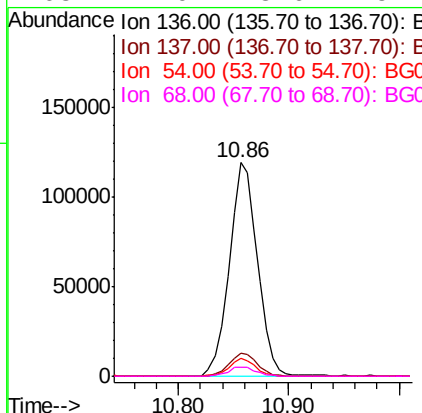
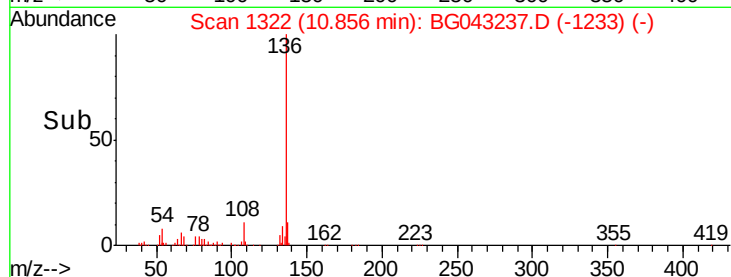
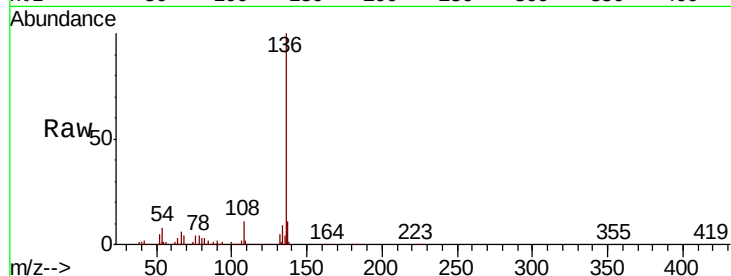




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

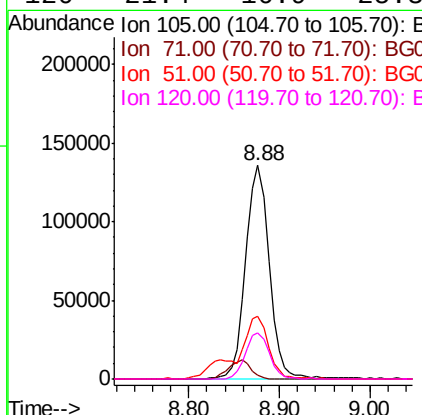
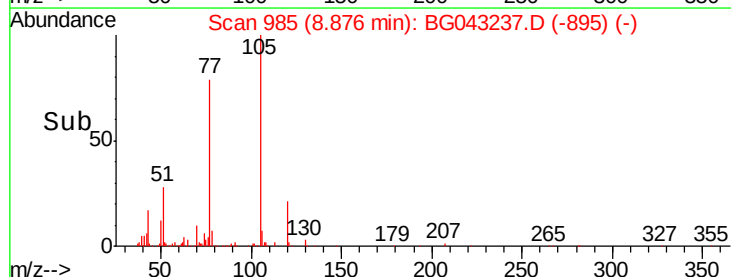
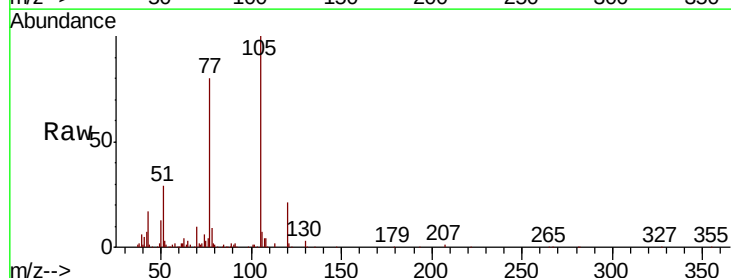
Instrument :
BNA_G
ClientSampleId :

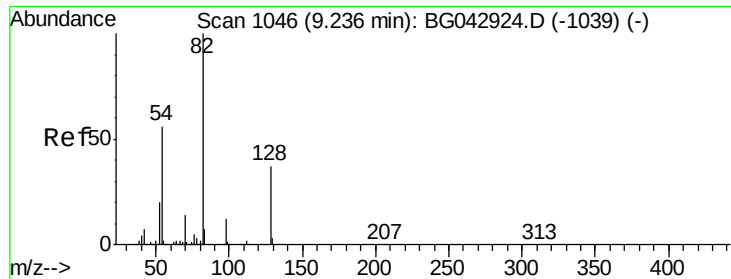
Tot Ion:136	Resp:	213865
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	8.2	7.4 11.2
68	4.0	3.6 5.4



#22
Acetophenone
Concen: 44.668 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

Tgt Ion:105	Resp:	246242
Ion Ratio	Lower	Upper
105	100	
71	1.9	1.2 1.8#
51	29.1	27.2 40.8
120	21.4	16.9 25.3

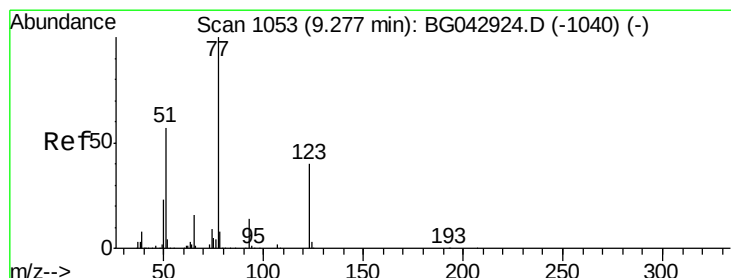
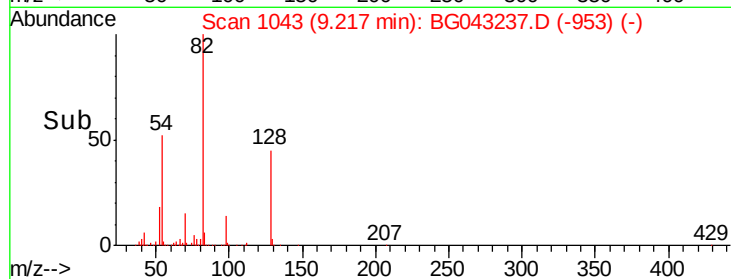
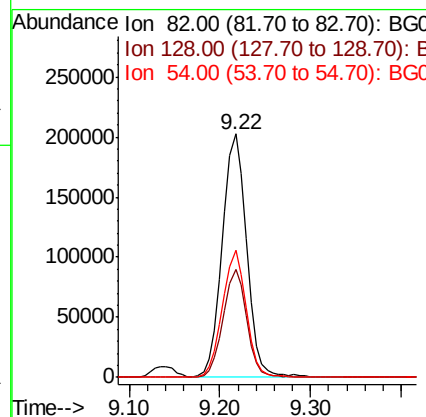
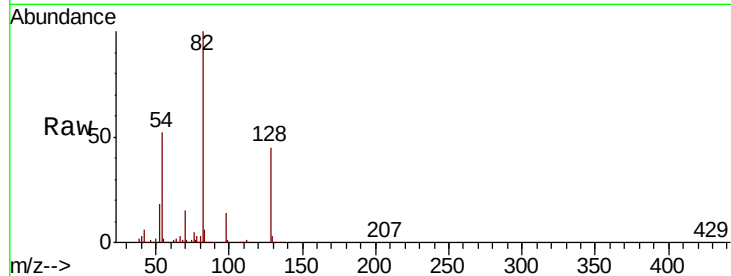




#23
 Nitrobenzene-d5
 Concen: 85.709 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG043237.D
 Acq: 16 Oct 2019 4:56

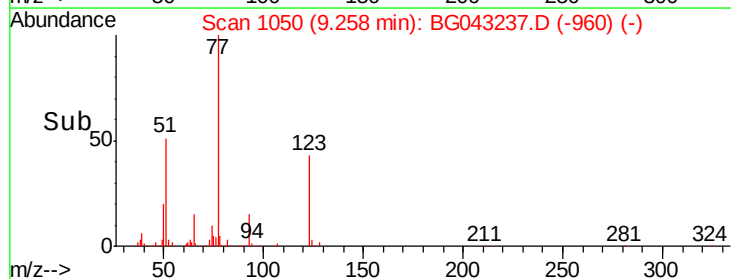
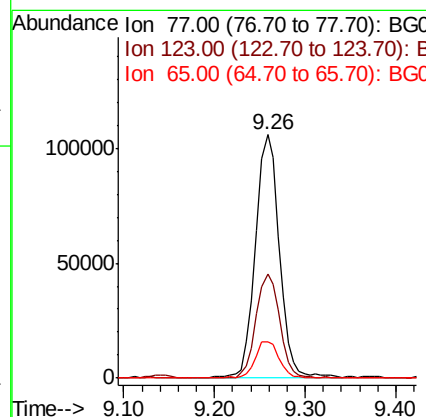
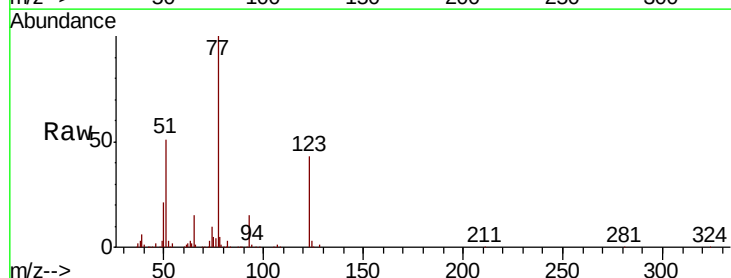
Instrument :
 BNA_G
 ClientSampleId :

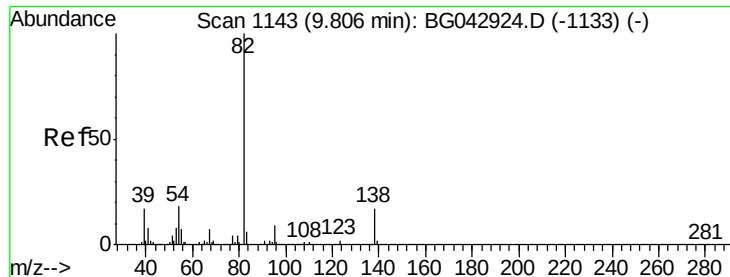
Tot Ion	82	Resp	377123
Ion Ratio	Lower	Upper	
82	100		
128	44.6	29.5	44.3#
54	52.3	44.6	67.0



#24
 Nitrobenzene
 Concen: 45.608 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG043237.D
 Acq: 16 Oct 2019 4:56

Tgt Ion	77	Resp	191416
Ion Ratio	Lower	Upper	
77	100		
123	42.6	31.9	47.9
65	14.7	12.4	18.6





#25

Isophorone

Concen: 45.255 ng

RT: 9.78 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

Instrument :

BNA_G

ClientSampleId :

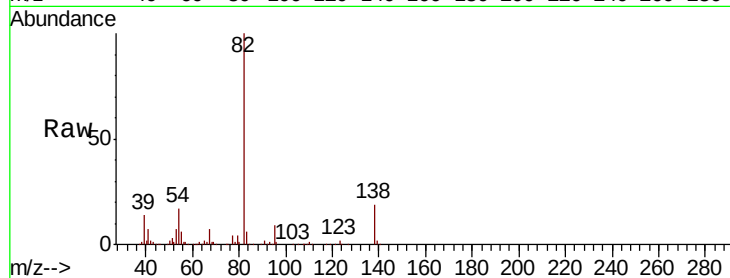
Tot Ion: 82 Resp: 349768

Ion Ratio Lower Upper

82 100

95 8.7 7.0 10.4

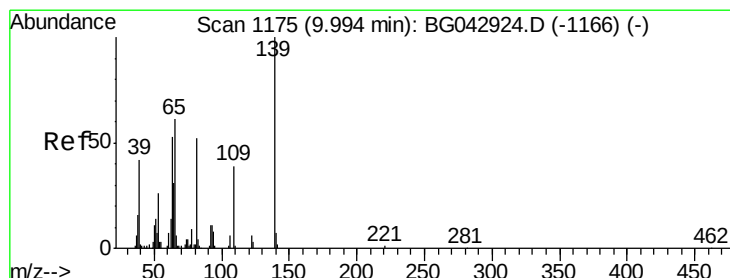
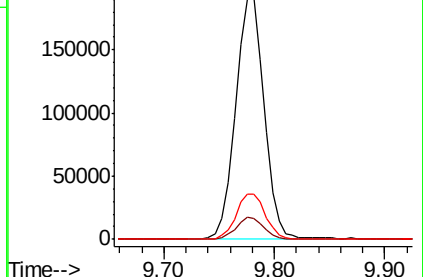
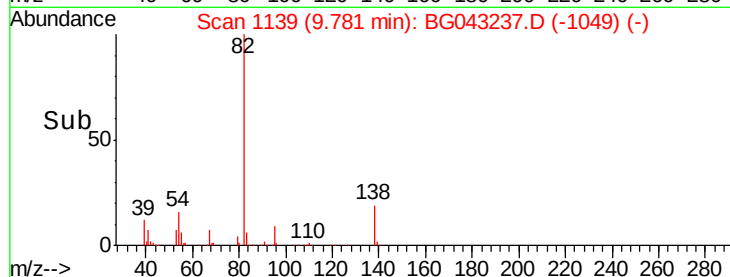
138 18.8 13.8 20.6



Abundance Ion 82.00 (81.70 to 82.70): BG043237.D (-1049) (-)

Ion 95.00 (94.70 to 95.70): BG043237.D (-1049) (-)

Ion 138.00 (137.70 to 138.70): BG043237.D (-1049) (-)



#26

2-Nitrophenol

Concen: 54.542 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

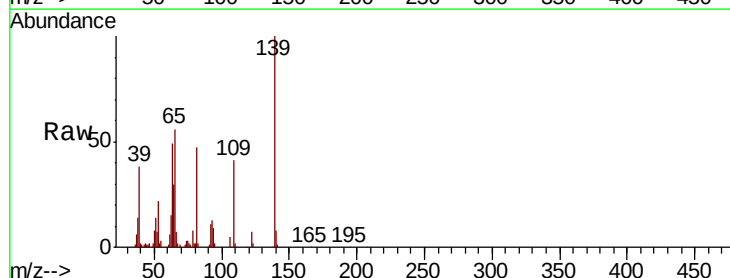
Tgt Ion: 139 Resp: 97447

Ion Ratio Lower Upper

139 100

109 40.7 31.0 46.6

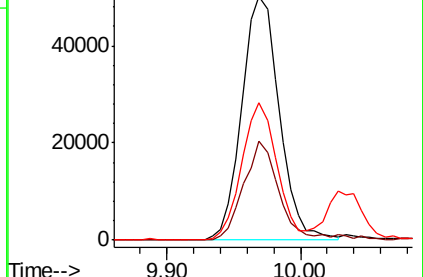
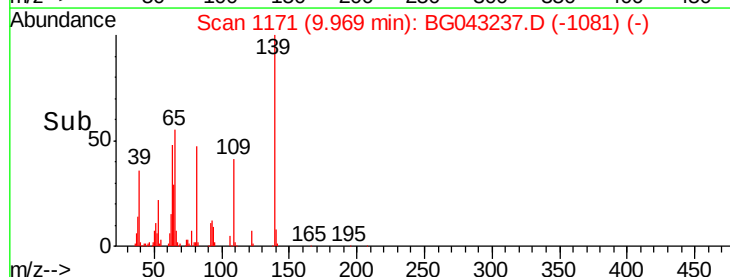
65 56.2 48.4 72.6

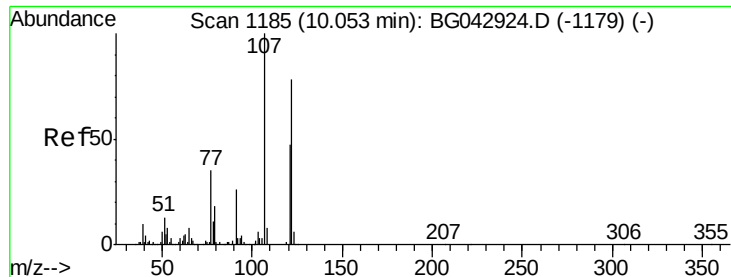


Abundance Ion 139.00 (138.70 to 139.70): BG043237.D (-1081) (-)

Ion 109.00 (108.70 to 109.70): BG043237.D (-1081) (-)

Ion 65.00 (64.70 to 65.70): BG043237.D (-1081) (-)

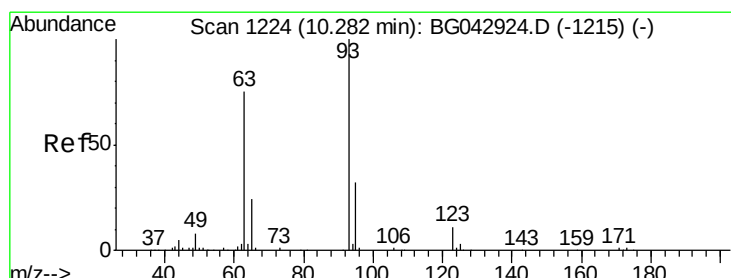
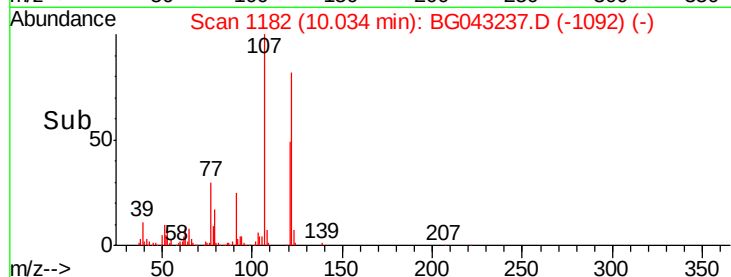
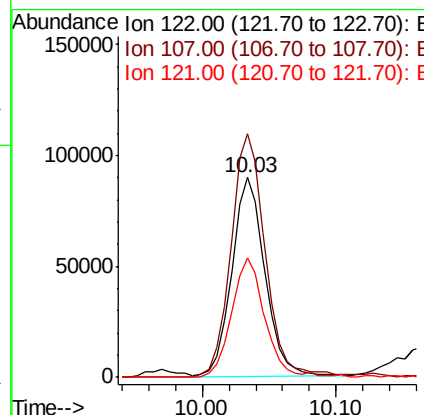
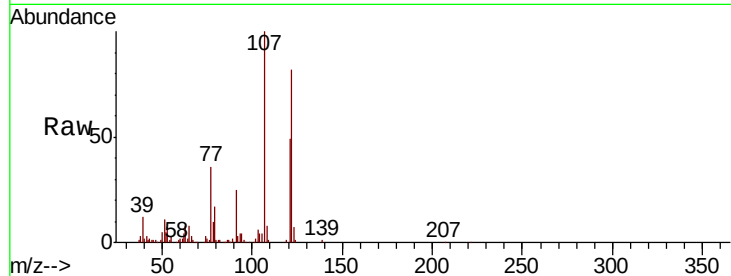




#27
2,4-Dimethylphenol
Concen: 56.540 ng
RT: 10.03 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

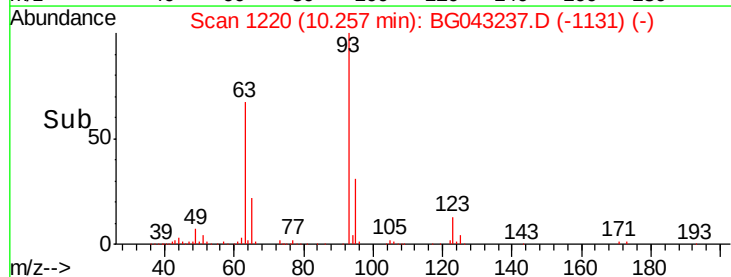
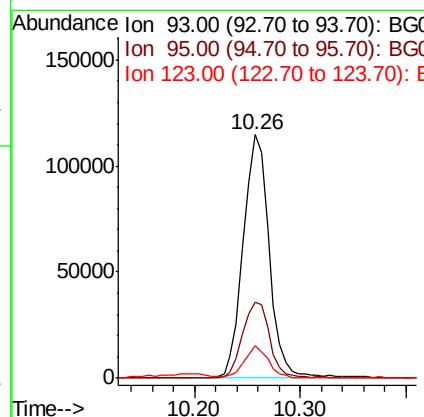
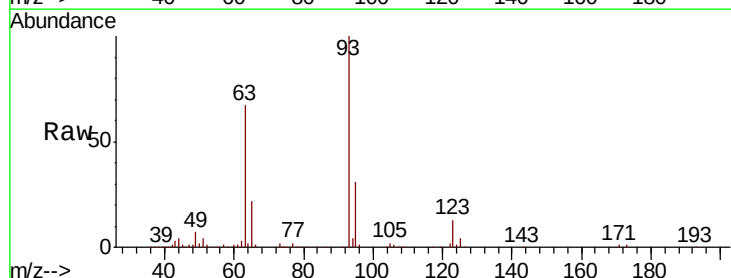
Instrument :
BNA_G
ClientSampleId :

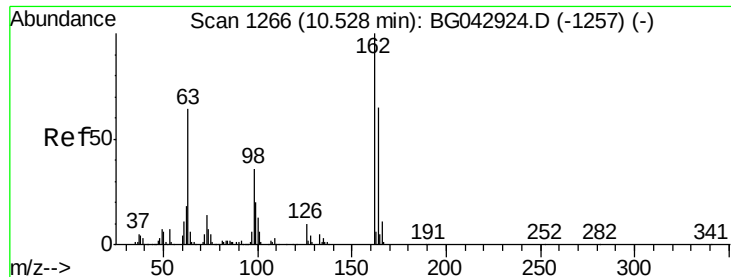
Tot Ion	Ratio	Lower	Upper
122	100		
107	121.8	102.2	153.2
121	60.0	48.5	72.7



#28
bis(2-Chloroethoxy)methane
Concen: 44.630 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.0	25.4	38.0
123	13.2	9.3	13.9

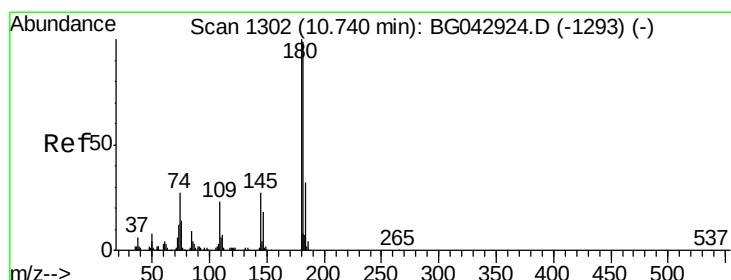
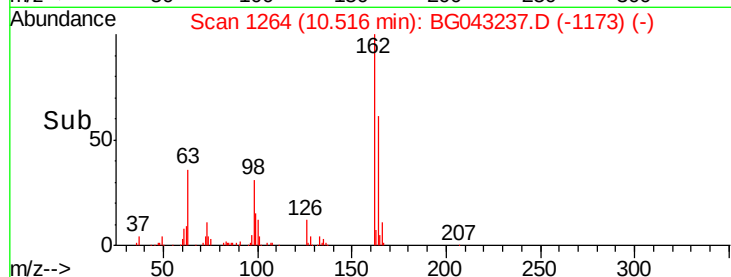
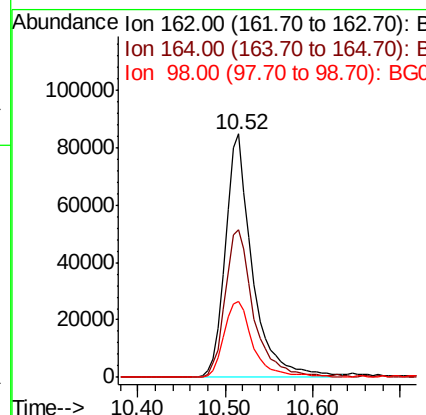
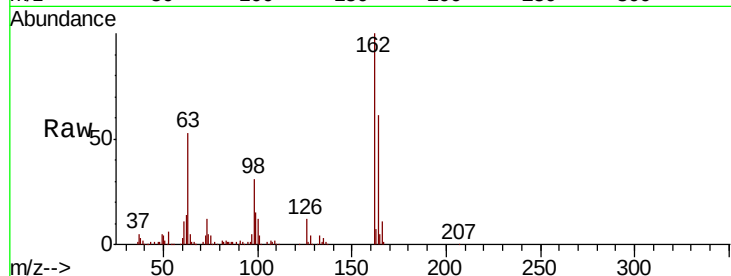




#29
 2,4-Dichlorophenol
 Concen: 53.030 ng
 RT: 10.52 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BG043237.D
 Acq: 16 Oct 2019 4:56

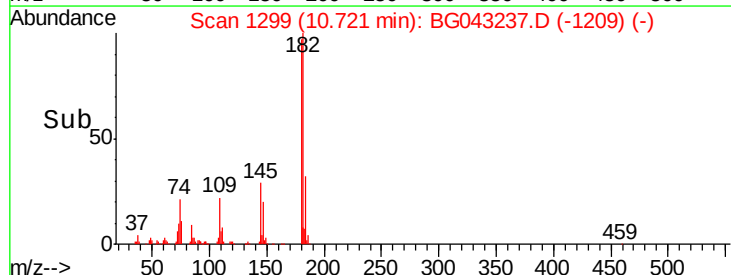
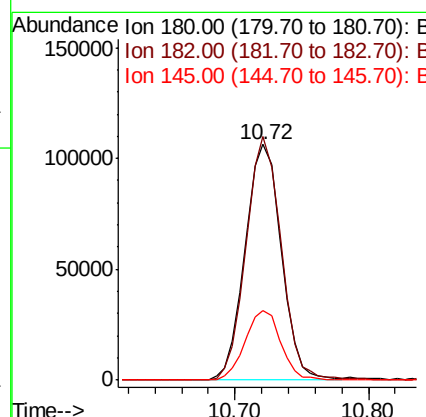
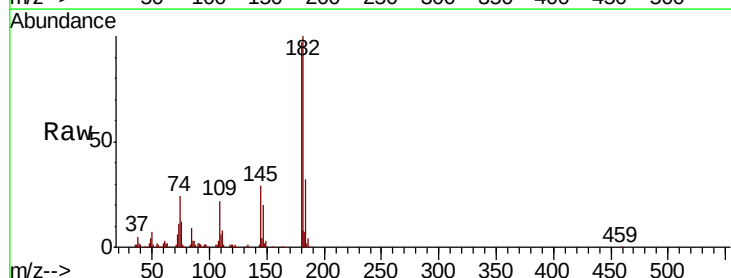
Instrument :
 BNA_G
 ClientSampleId :

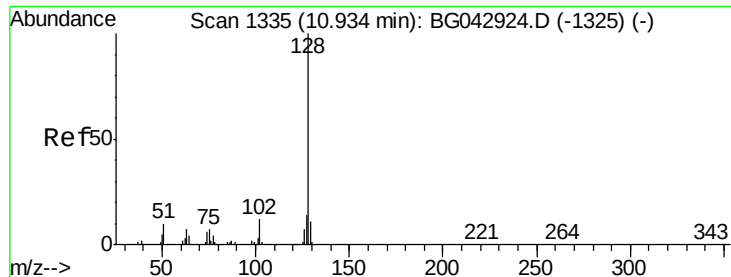
Tot Ion	Ratio	Lower	Upper
162	100		
164	60.6	44.7	84.7
98	31.5	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 45.300 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BG043237.D
 Acq: 16 Oct 2019 4:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	103.2	79.3	118.9
145	29.5	22.0	33.0

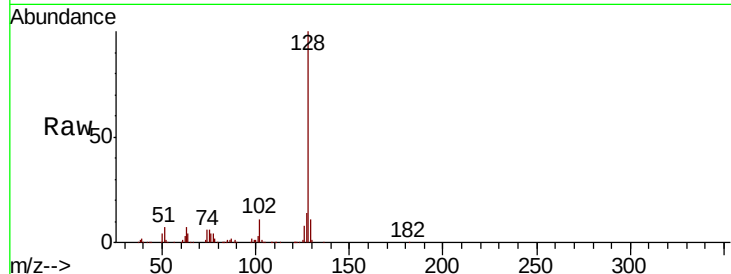




#31
Naphthalene
Concen: 49.811 ng
RT: 10.91 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.7	11.3	16.9

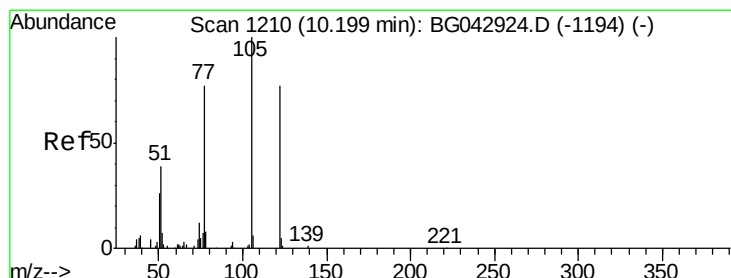
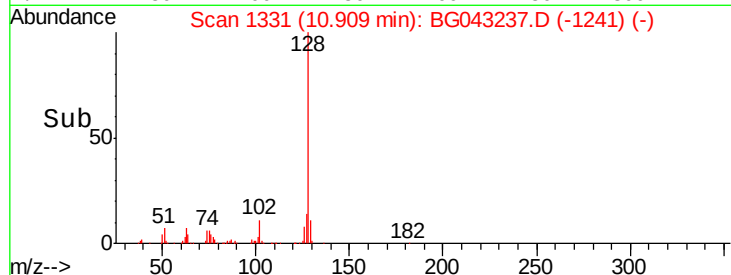
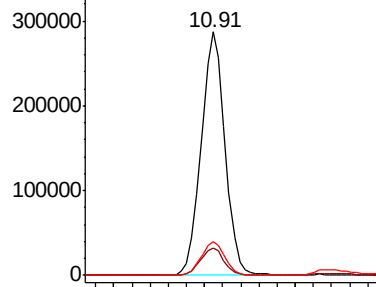


Abundance

Ion 128.00 (127.70 to 128.70): E

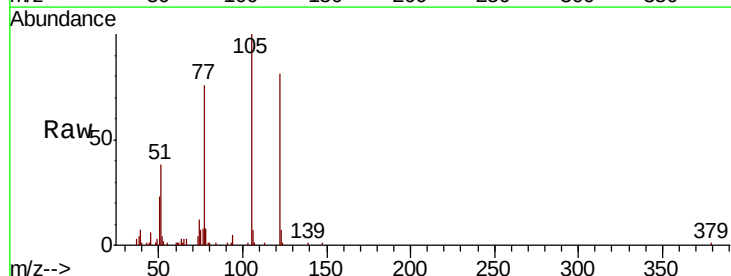
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 41.682 ng
RT: 10.20 min Scan# 1211
Delta R.T. 0.03 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.0	107.5	147.5
77	94.7	79.8	119.8

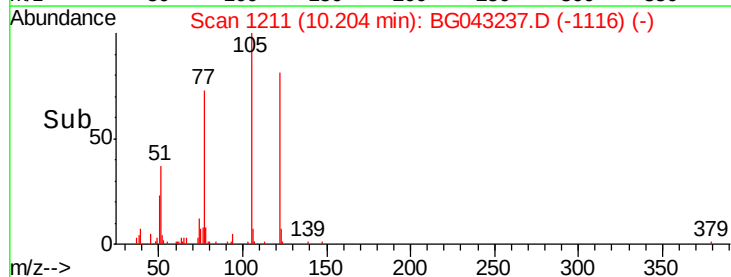
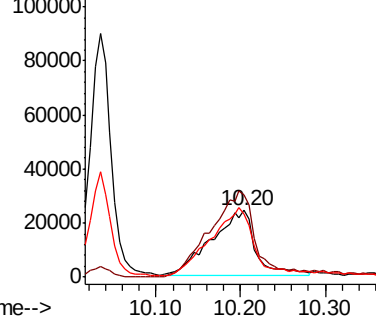


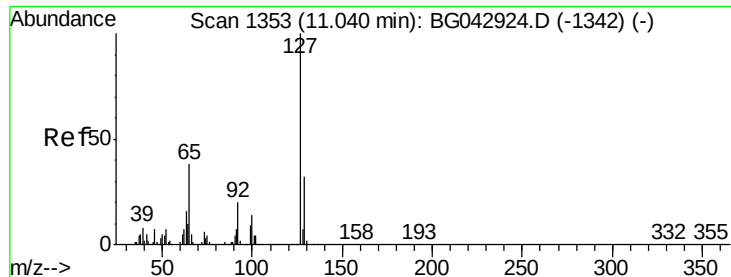
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

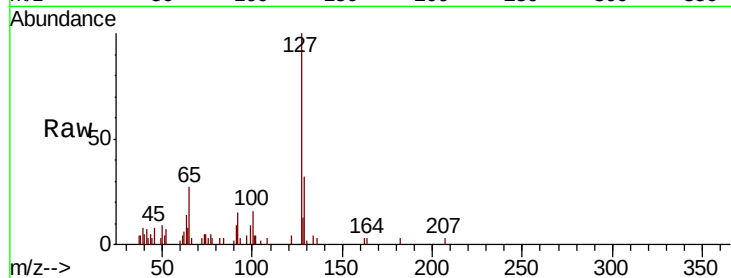




#33
4-Chloroaniline
Concen: 5.142 ng
RT: 11.04 min Scan# 1353
Delta R.T. 0.02 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	23489
Ion	Ratio	Lower Upper
127	100	
129	32.2	26.2 39.2
65	27.4	30.6 45.8#
92	14.7	16.2 24.4#



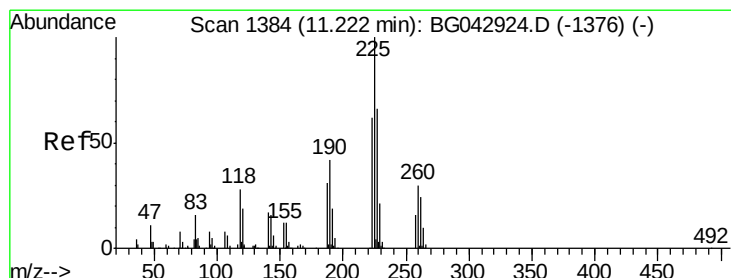
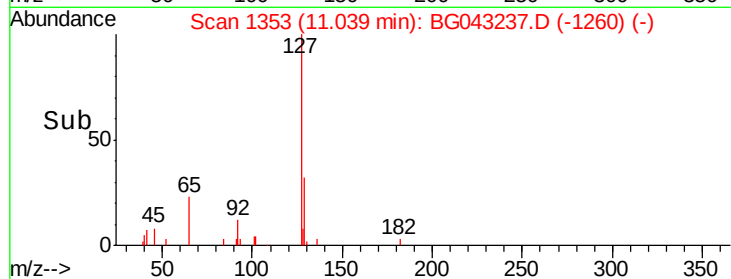
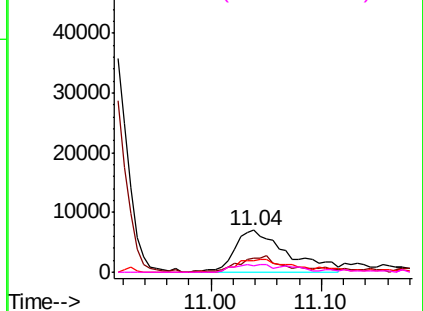
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

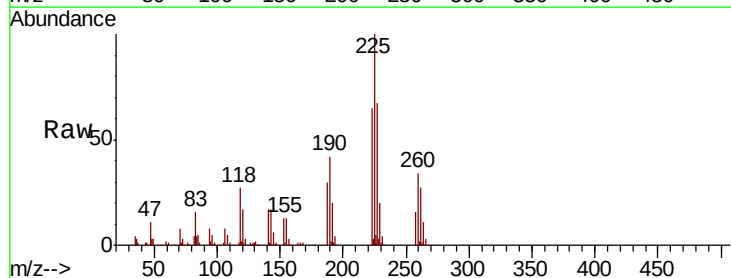
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 43.695 ng
RT: 11.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

Tgt Ion:225	Resp:	144175
Ion	Ratio	Lower Upper
225	100	
223	65.0	49.3 73.9
227	67.4	52.8 79.2

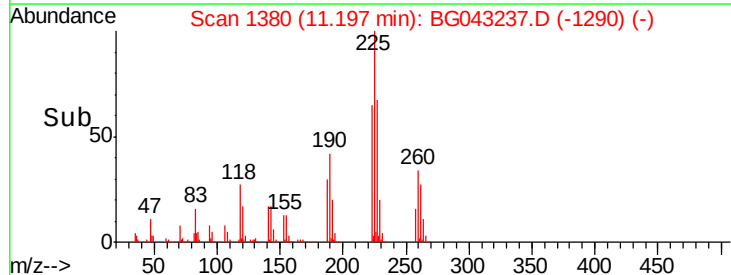
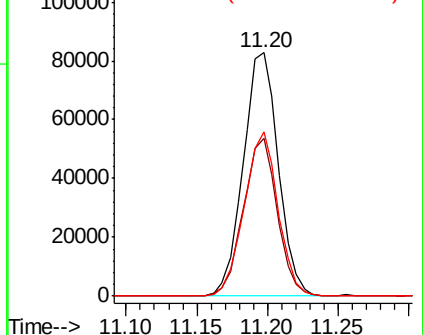


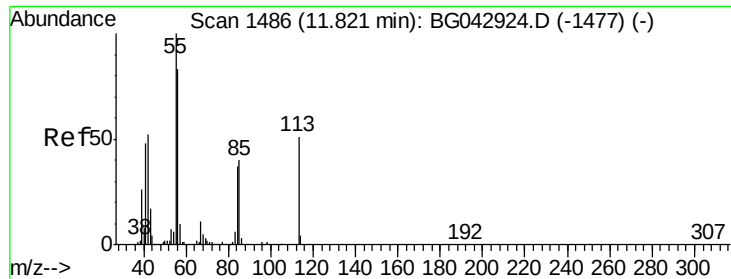
Abundance

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

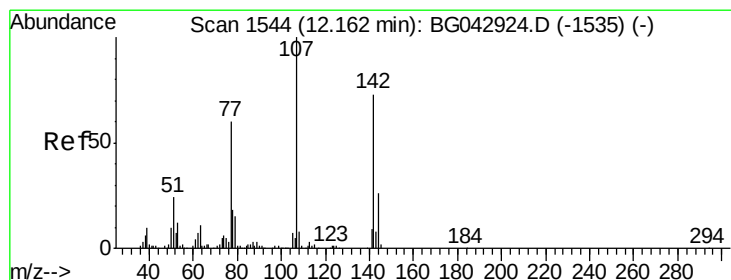
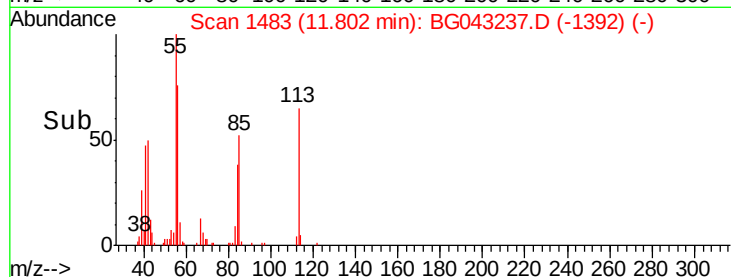
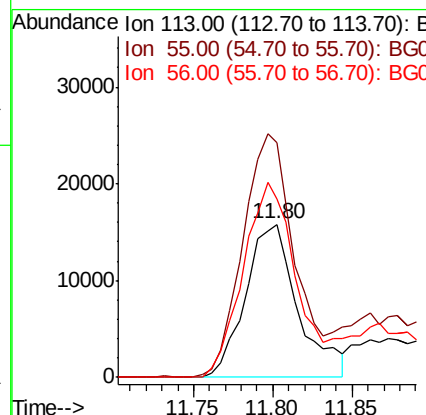
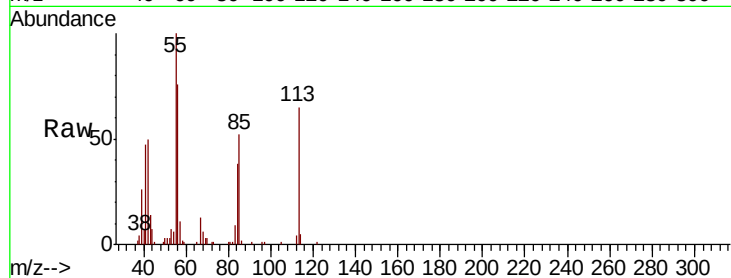




#35
 Caprolactam
 Concen: 30.154 ng
 RT: 11.80 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BG043237.D
 Acq: 16 Oct 2019 4:56

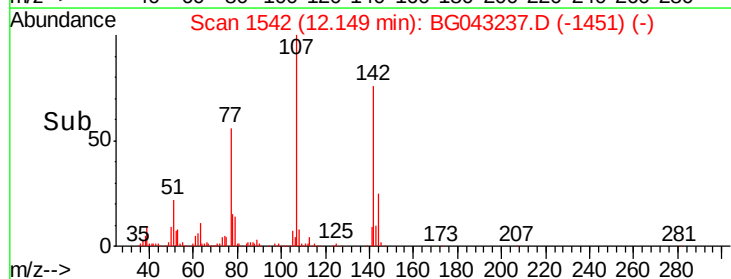
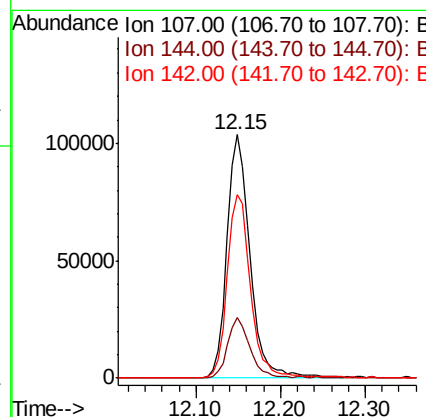
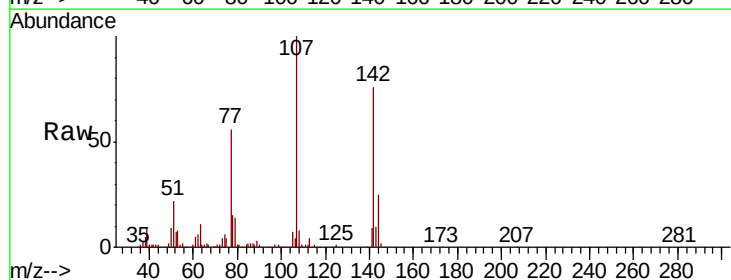
Instrument :
 BNA_G
 ClientSampleId :

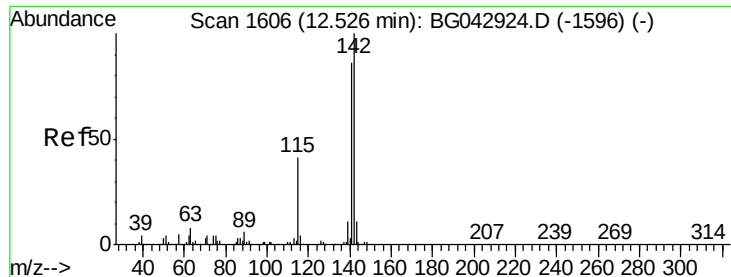
Tot Ion:113 Resp: 36287
 Ion Ratio Lower Upper
 113 100
 55 153.8 175.5 215.5#
 56 116.4 142.3 182.3#



#36
 4-Chloro-3-methylphenol
 Concen: 52.714 ng
 RT: 12.15 min Scan# 1542
 Delta R.T. 0.01 min
 Lab File: BG043237.D
 Acq: 16 Oct 2019 4:56

Tgt Ion:107 Resp: 195584
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.7 31.1
 142 75.5 58.6 87.8

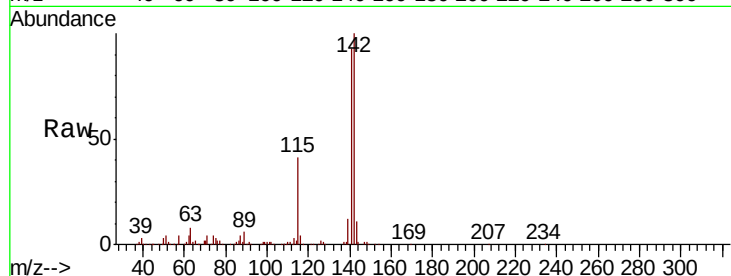




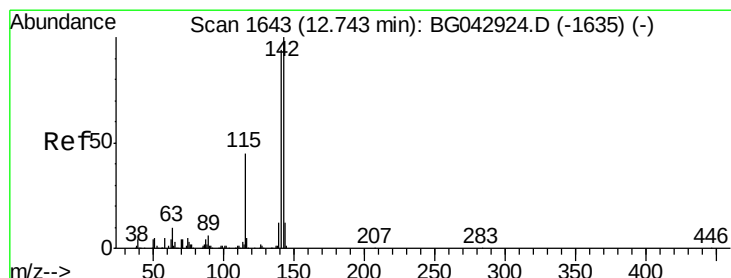
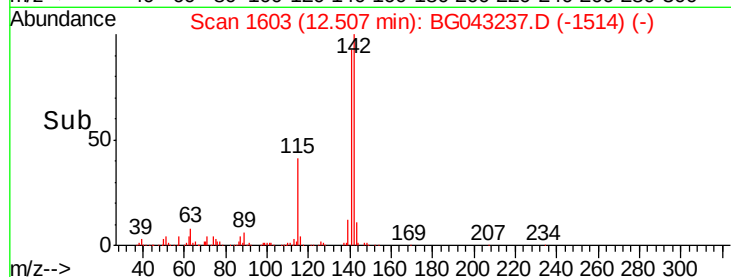
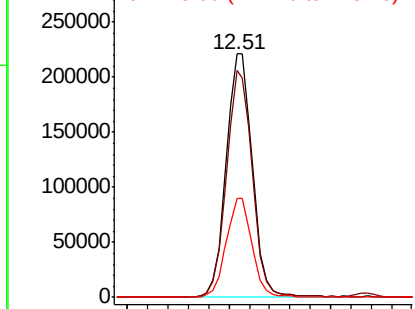
#37
2-Methylnaphthalene
Concen: 49.382 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.5	69.0	103.4
115	40.9	32.8	49.2

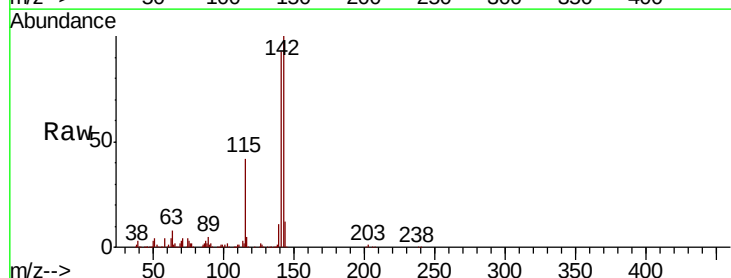


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

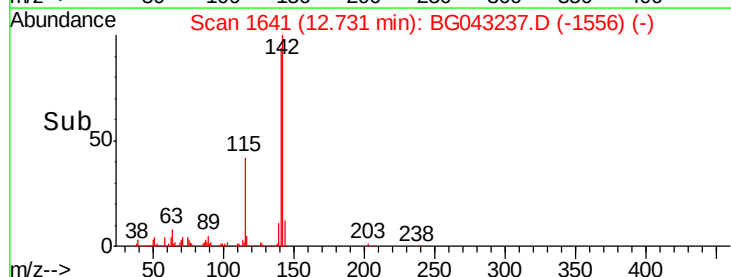
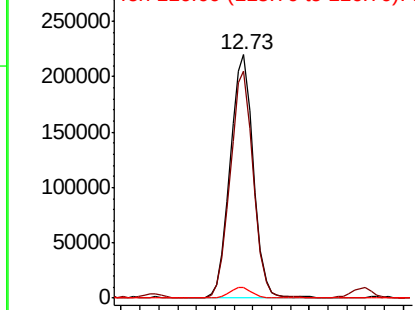


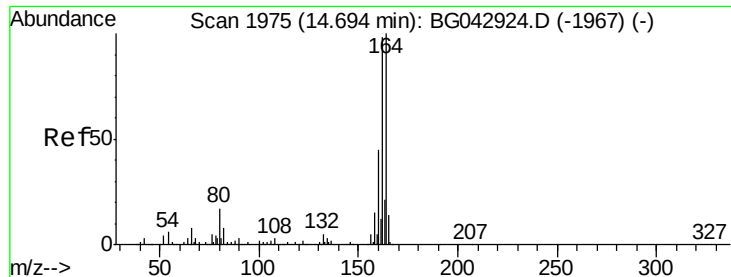
#38
1-Methylnaphthalene
Concen: 49.363 ng
RT: 12.73 min Scan# 1641
Delta R.T. 0.00 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.9	112.3
116	4.5	3.7	5.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

Instrument :

BNA_G

ClientSampleId :

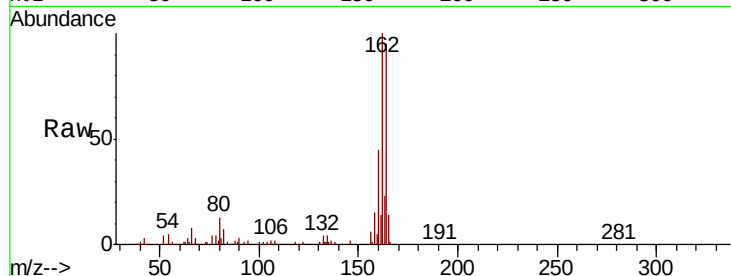
Tot Ion:164 Resp: 146766

Ion Ratio Lower Upper

164 100

162 104.8 78.5 117.7

160 47.3 35.9 53.9

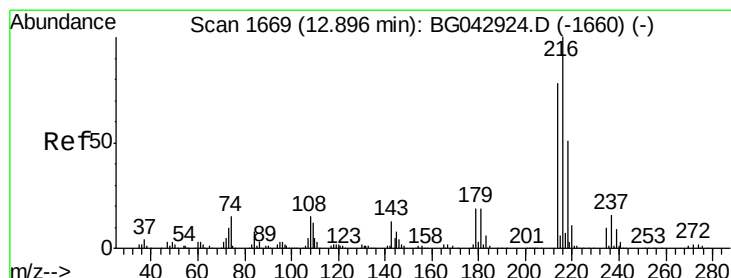
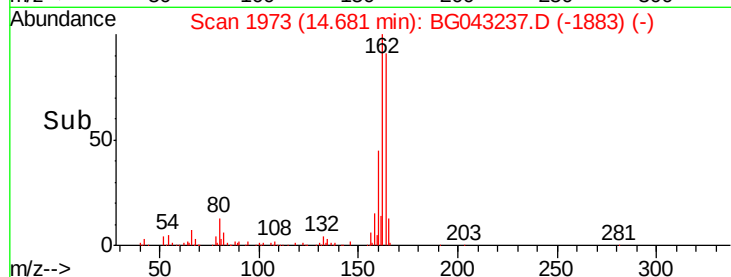
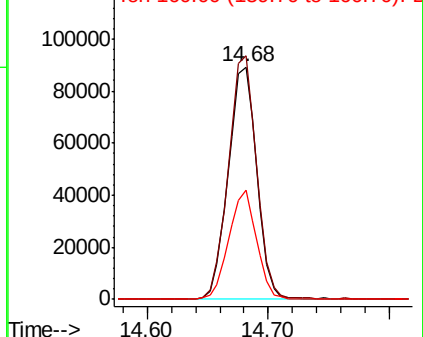


Abundance

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: 47.754 ng

RT: 12.88 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

Tgt Ion:216 Resp: 263522

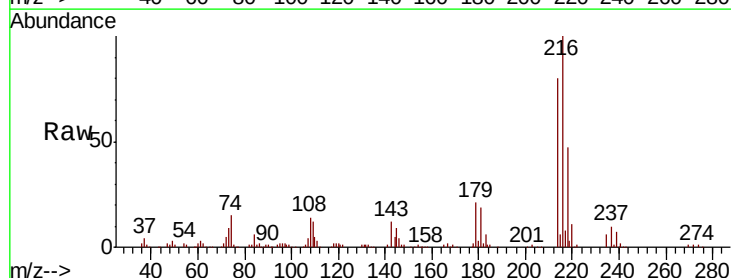
Ion Ratio Lower Upper

216 100

214 77.9 62.4 93.6

179 20.0 15.4 23.2

108 15.2 12.6 19.0



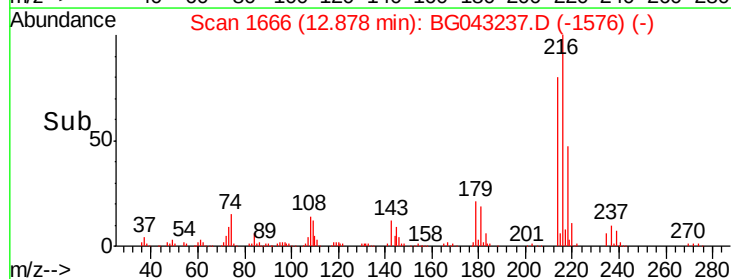
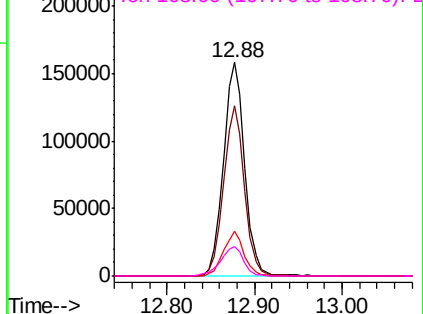
Abundance

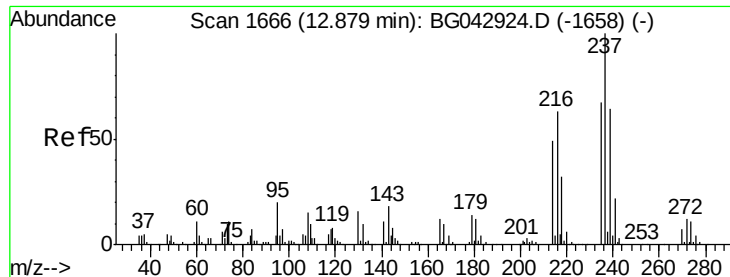
Ion 216.00 (215.70 to 216.70): E

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

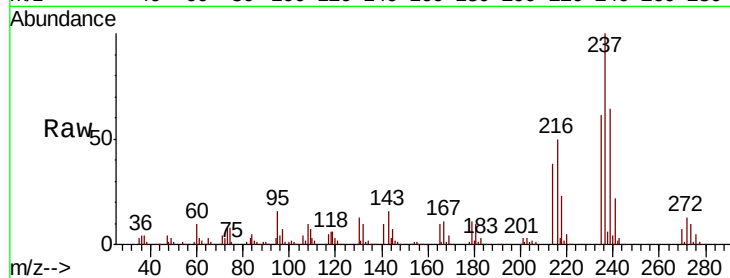




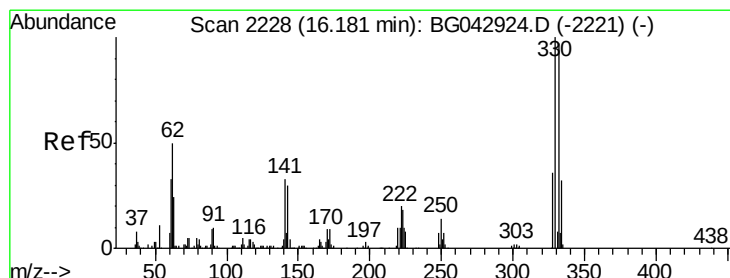
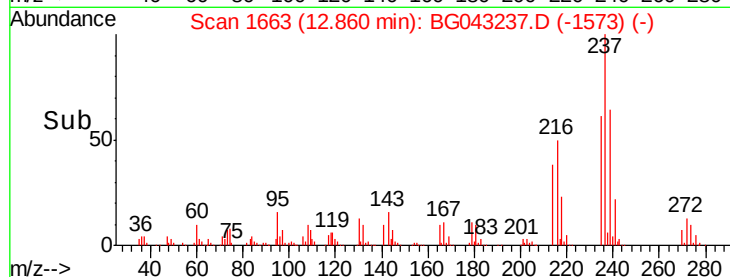
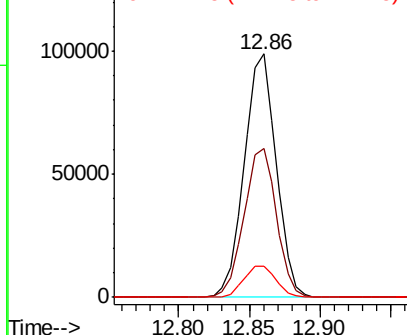
#41
Hexachlorocyclopentadiene
Concen: 44.632 ng
RT: 12.86 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 156928
Ion Ratio Lower Upper
237 100
235 61.1 46.7 86.7
272 12.6 0.0 32.3

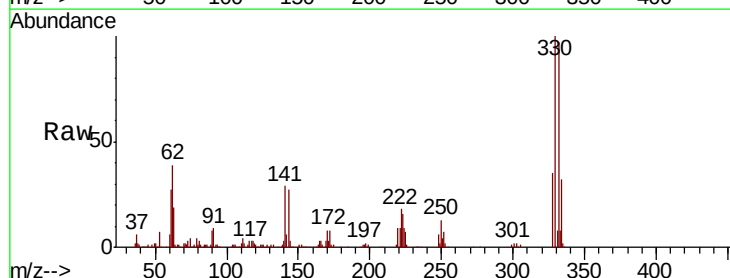


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

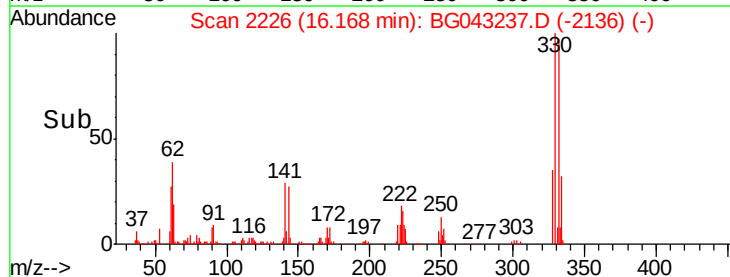
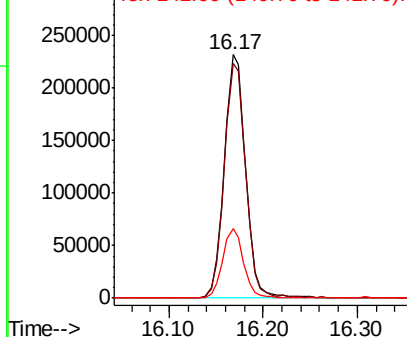


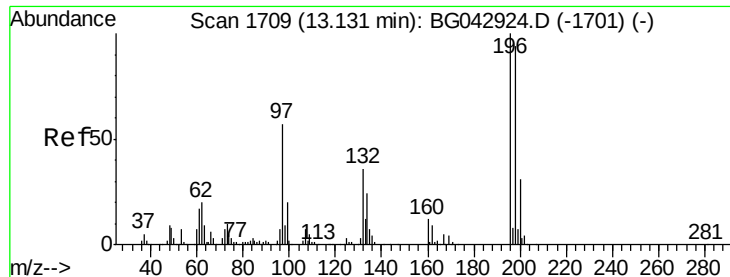
#42
2,4,6-Tribromophenol
Concen: 145.184 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

Tgt Ion:330 Resp: 366407
Ion Ratio Lower Upper
330 100
332 96.9 78.2 117.2
141 28.1 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

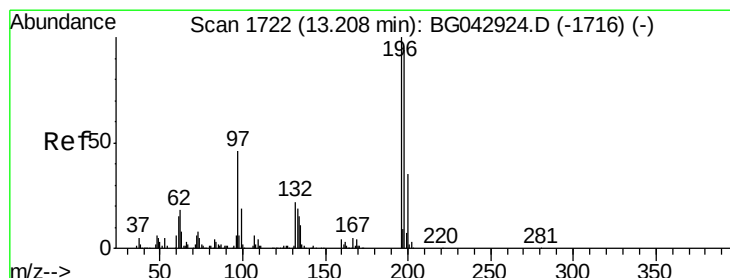
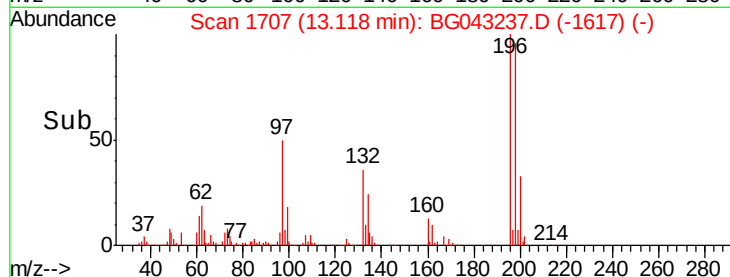
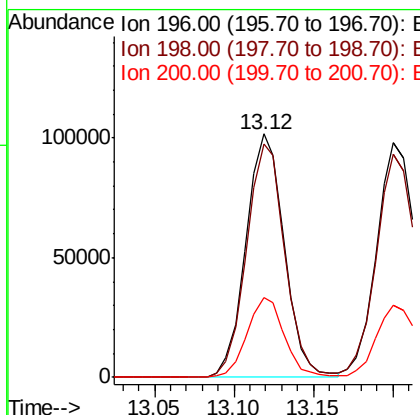
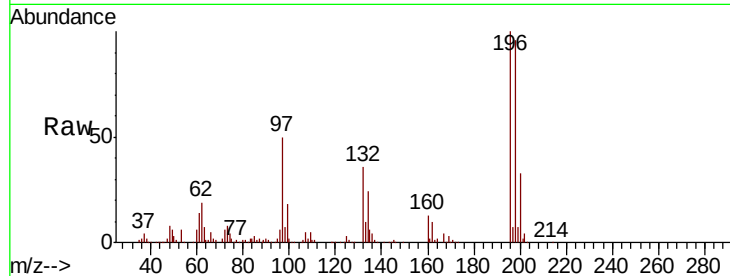




#43
 2,4,6-Trichlorophenol
 Concen: 52.922 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: BG043237.D
 Acq: 16 Oct 2019 4:56

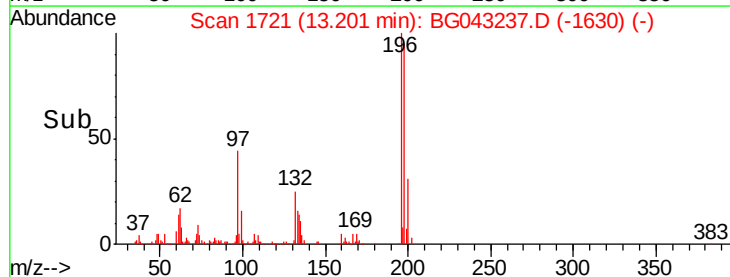
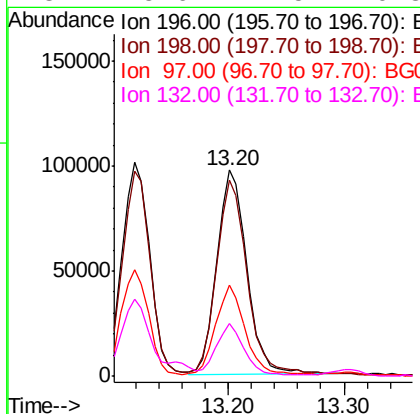
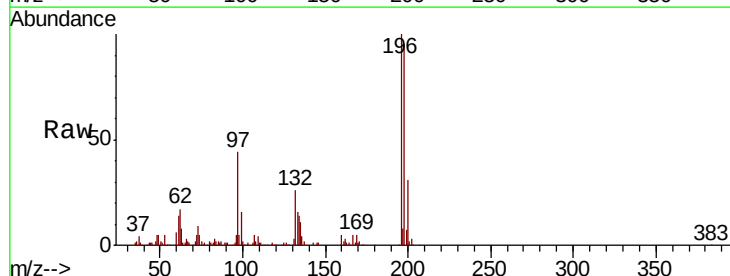
Instrument :
 BNA_G
 ClientSampled :

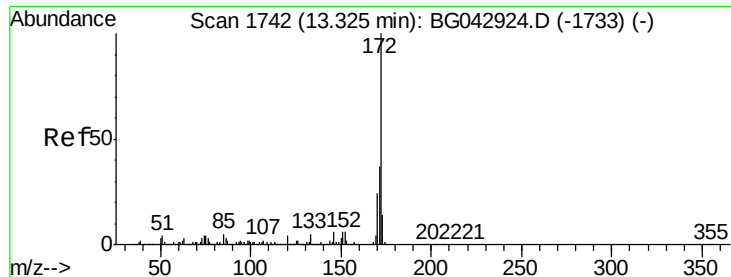
Tot Ion:196 Resp: 170933
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.5 113.3
 200 32.9 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 53.151 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. 0.01 min
 Lab File: BG043237.D
 Acq: 16 Oct 2019 4:56

Tgt Ion:196 Resp: 176847
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.1 112.7
 97 44.3 37.0 55.4
 132 25.6 17.5 26.3

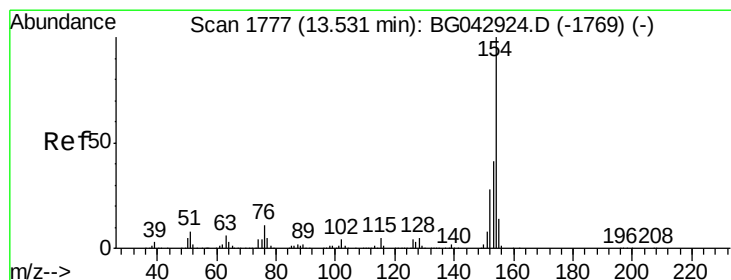
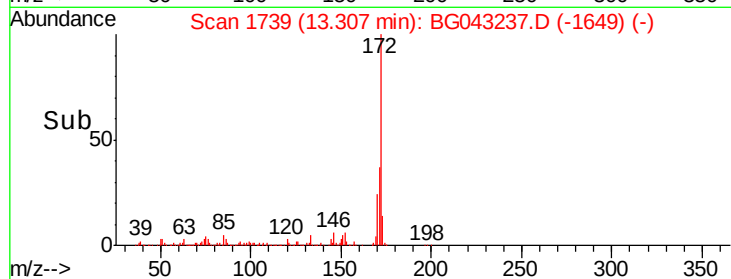
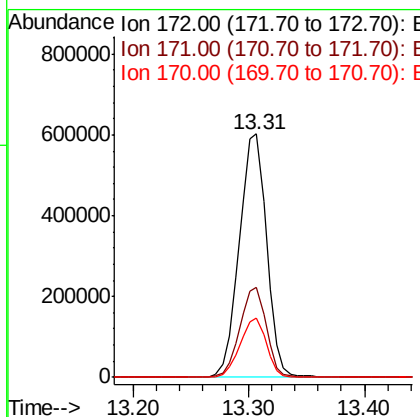
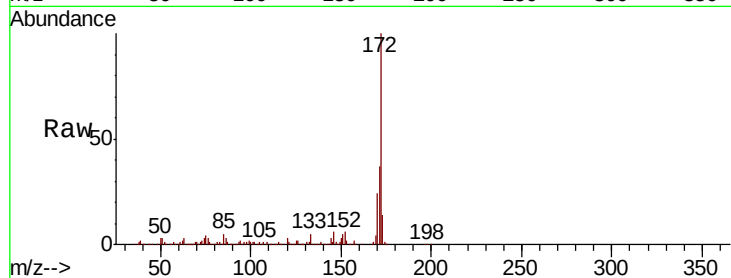




#45
2-Fluorobiphenyl
Concen: 97.732 ng
RT: 13.31 min Scan# 1739
Delta R.T. 0.00 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

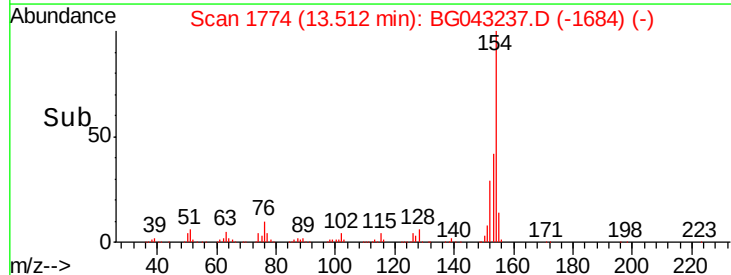
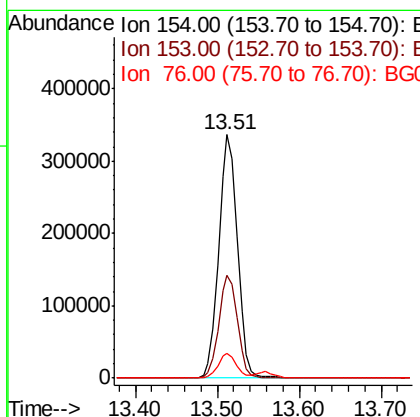
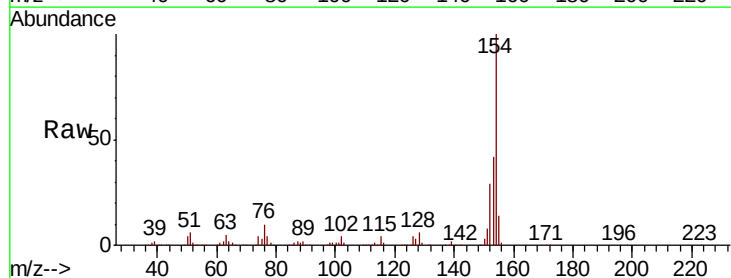
Instrument :
BNA_G
ClientSampleId :

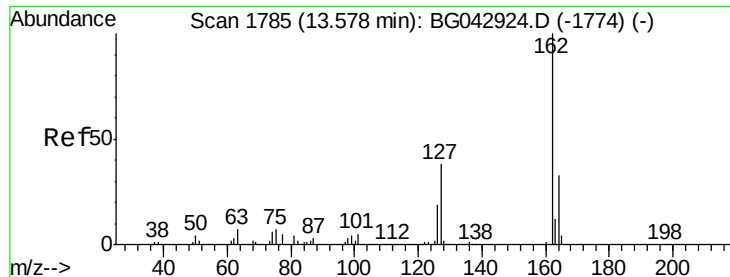
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.4	19.6	29.4



#46
1,1'-Biphenyl
Concen: 48.138 ng
RT: 13.51 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	21.4	61.4
76	9.9	0.0	31.3

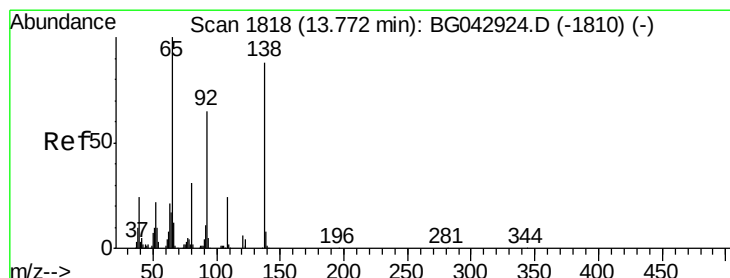
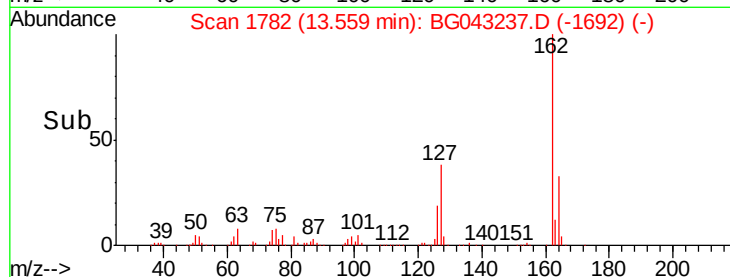
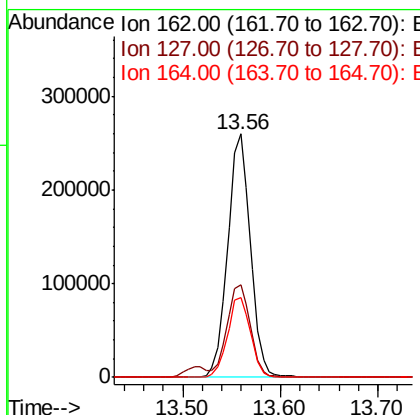
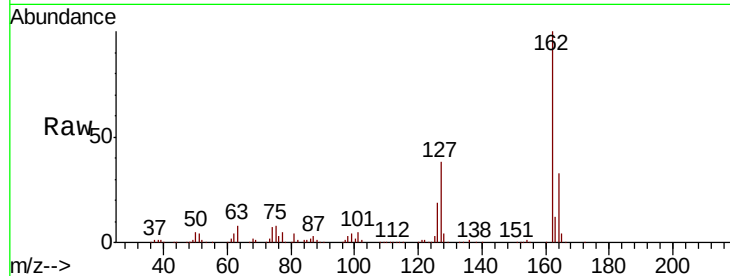




#47
 2-Chloronaphthalene
 Concen: 50.387 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BG043237.D
 Acq: 16 Oct 2019 4:56

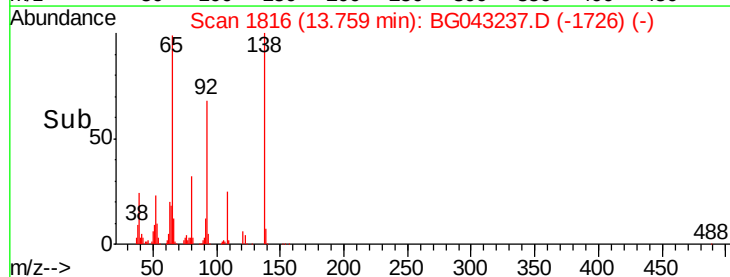
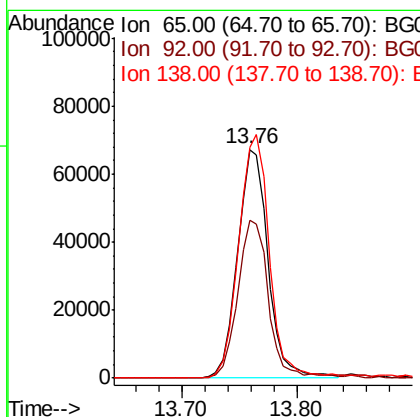
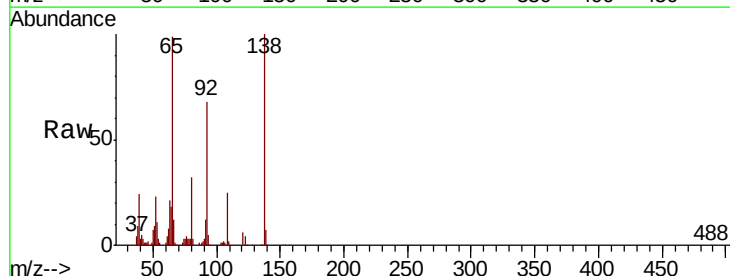
Instrument :
 BNA_G
 ClientSampleId :

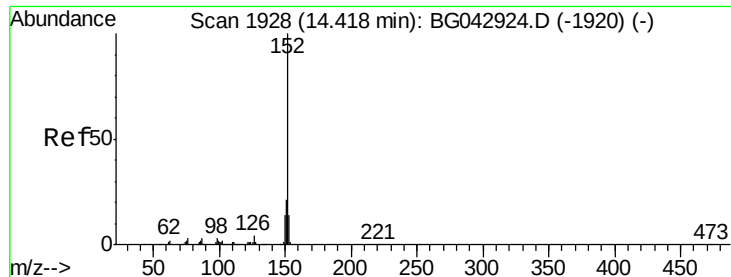
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	31.0	46.6
164	32.9	26.2	39.2



#48
 2-Nitroaniline
 Concen: 44.503 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BG043237.D
 Acq: 16 Oct 2019 4:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.4	52.0	78.0
138	101.3	70.4	105.6





#49

Acenaphthylene

Concen: 51.814 ng

RT: 14.41 min Scan# 1926

Delta R.T. 0.01 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

Instrument :

BNA_G

ClientSampleId :

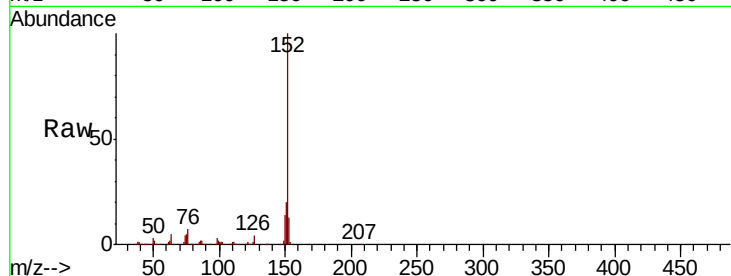
Tot Ion:152 Resp: 661591

Ion Ratio Lower Upper

152 100

151 20.1 16.8 25.2

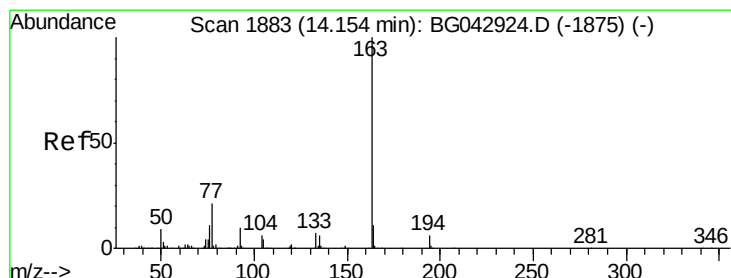
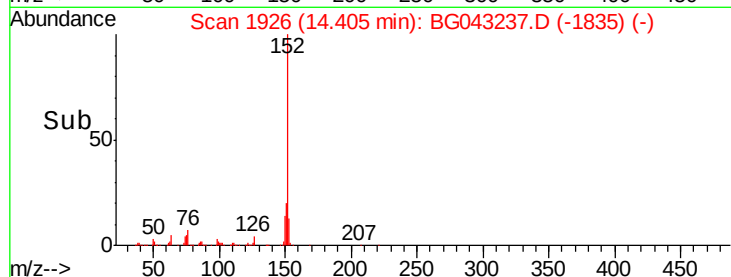
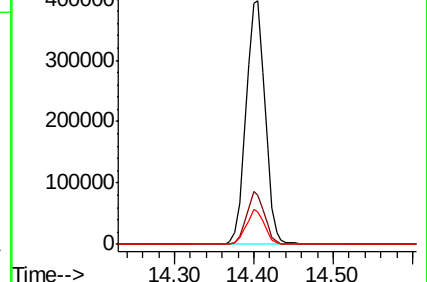
153 13.1 11.3 16.9



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: 47.512 ng

RT: 14.13 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

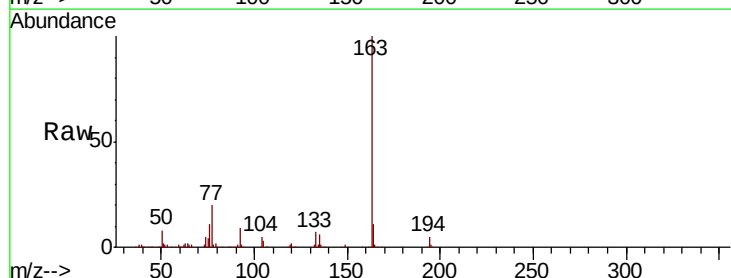
Tgt Ion:163 Resp: 522473

Ion Ratio Lower Upper

163 100

194 5.0 4.4 6.6

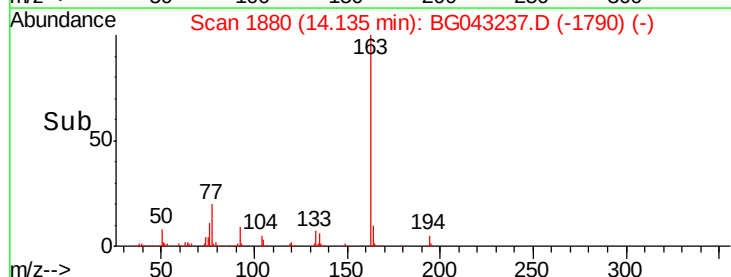
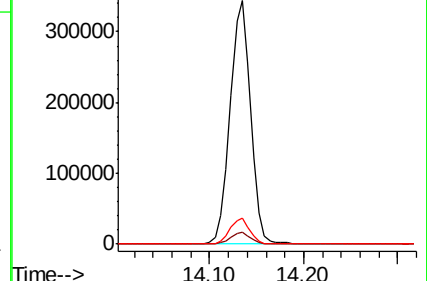
164 10.5 8.6 12.8

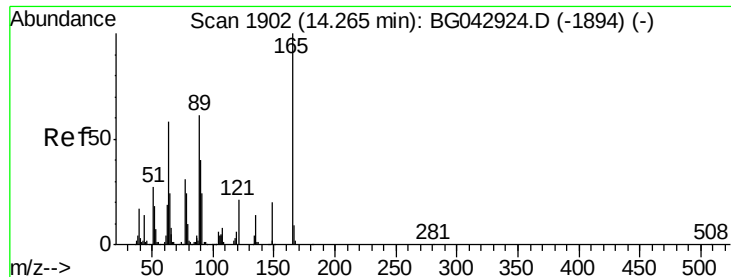


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 52.403 ng

RT: 14.25 min Scan# 1900

Delta R.T. 0.01 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

Instrument :

BNA_G

ClientSampled :

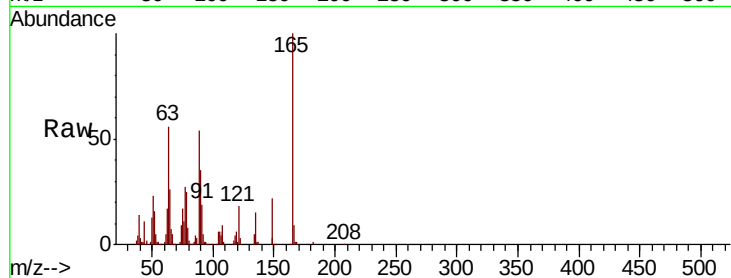
Tot Ion:165 Resp: 122717

Ion Ratio Lower Upper

165 100

63 55.6 50.3 75.5

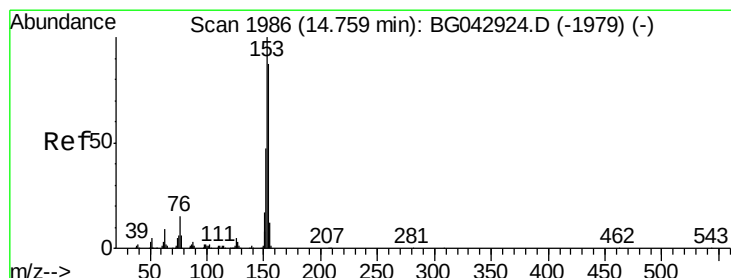
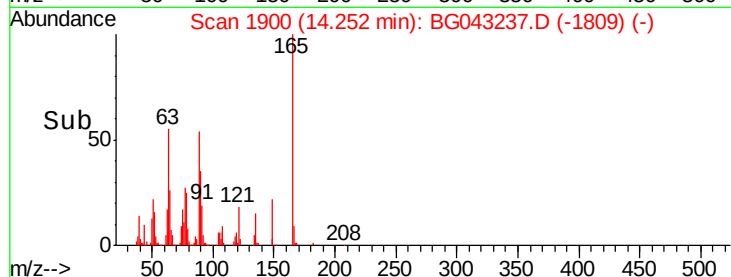
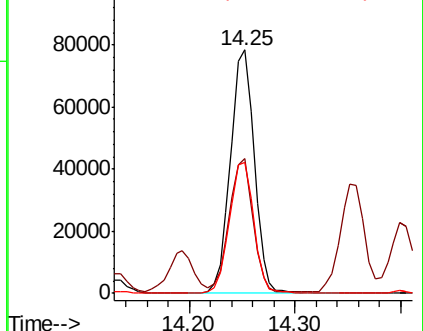
89 53.7 48.9 73.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 46.460 ng

RT: 14.75 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

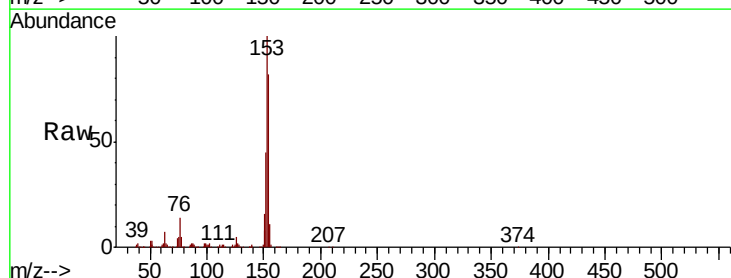
Tgt Ion:154 Resp: 397080

Ion Ratio Lower Upper

154 100

153 121.8 91.4 137.0

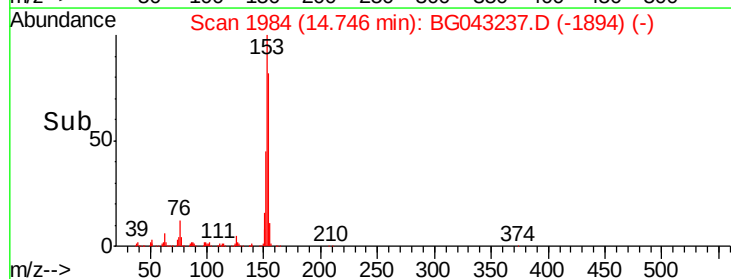
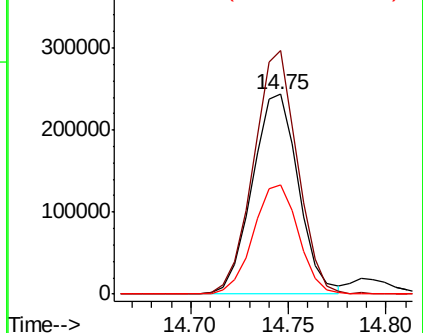
152 54.5 42.8 64.2

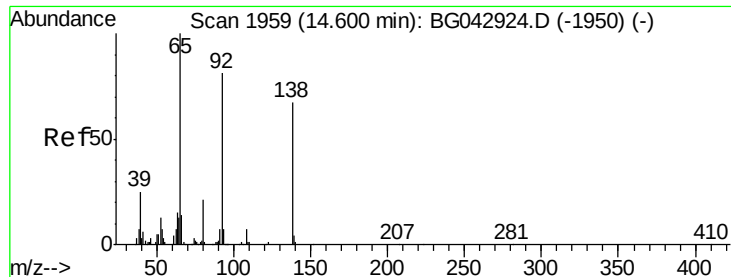


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 21.130 ng

RT: 14.59 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

Instrument :

BNA_G

ClientSampleId :

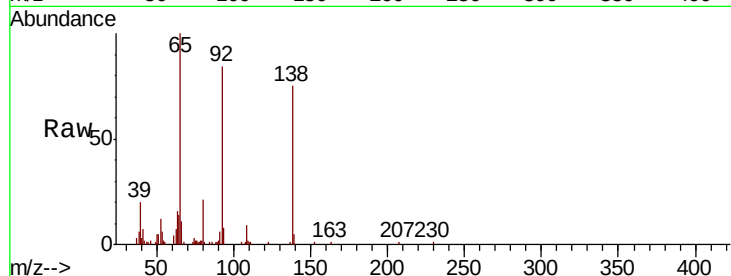
Tot Ion:138 Resp: 51138

Ion Ratio Lower Upper

138 100

108 11.9 7.9 11.9#

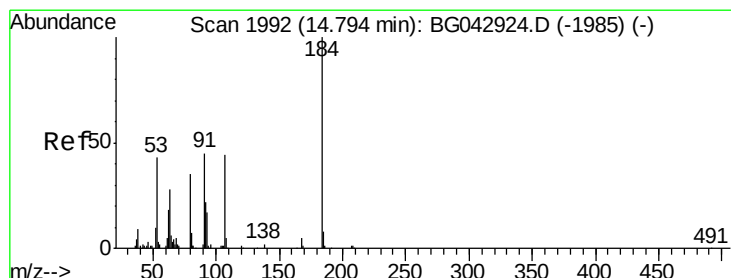
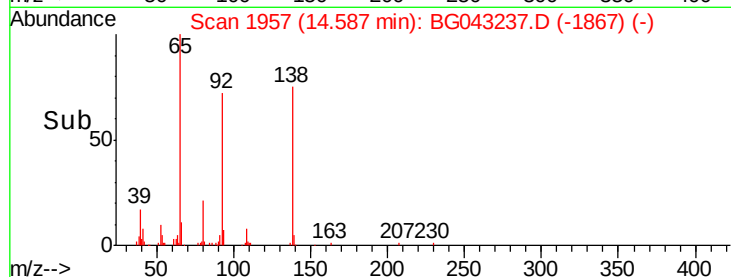
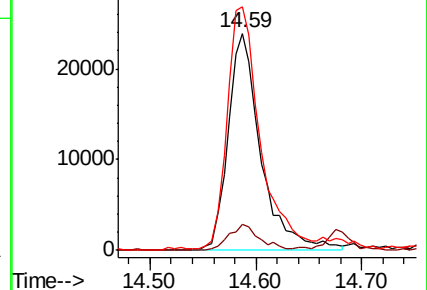
92 112.1 97.0 145.6



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: 35.450 ng

RT: 14.79 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

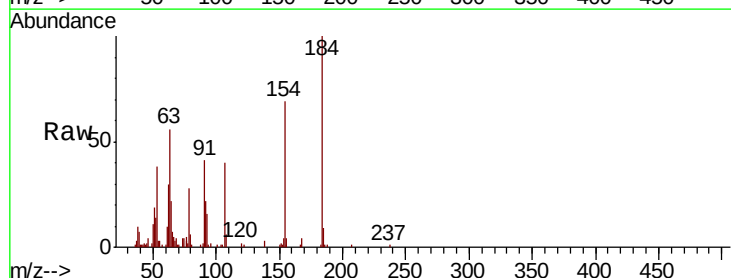
Tgt Ion:184 Resp: 51602

Ion Ratio Lower Upper

184 100

63 55.8 55.0 82.6

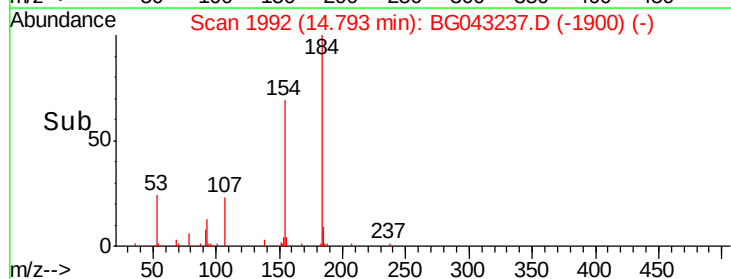
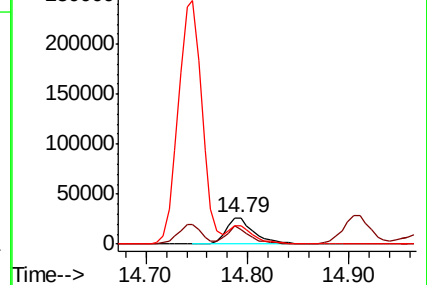
154 69.2 56.5 84.7

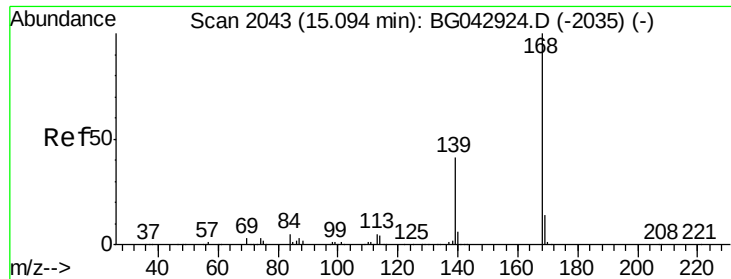


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

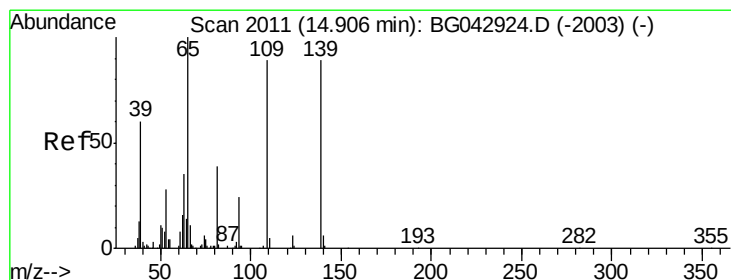
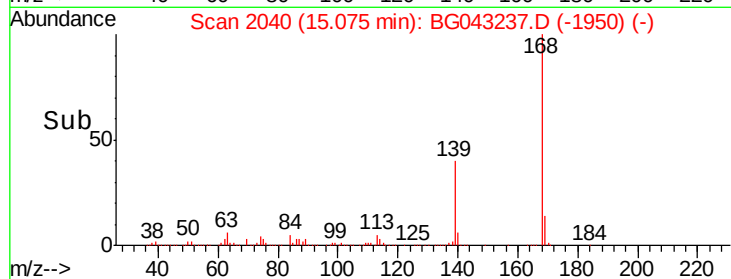
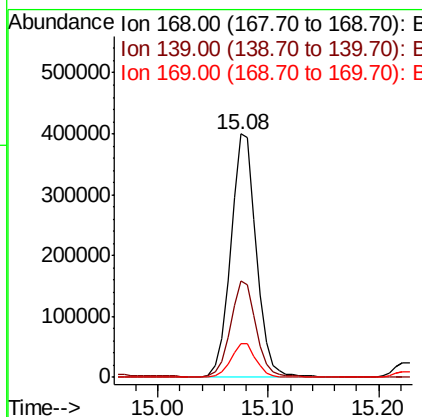
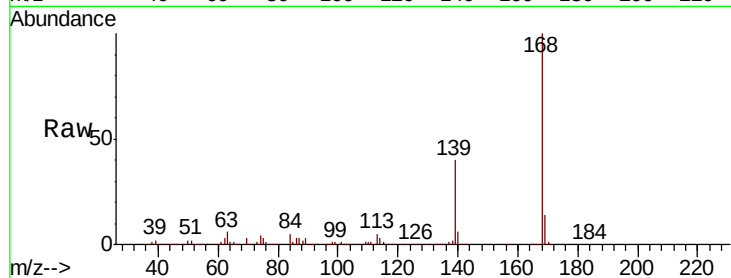




#55
Dibenzenofuran
Concen: 51.194 ng
RT: 15.08 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

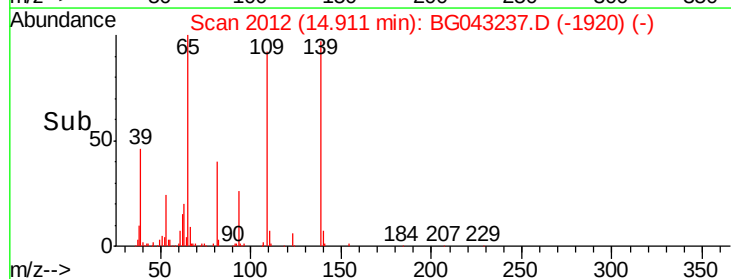
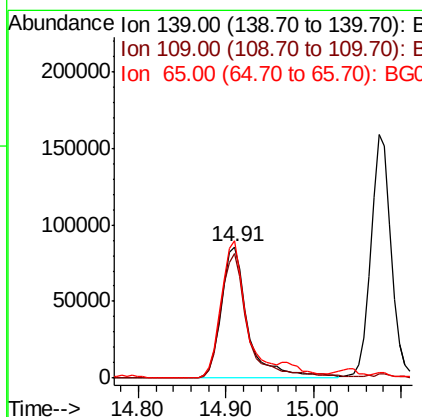
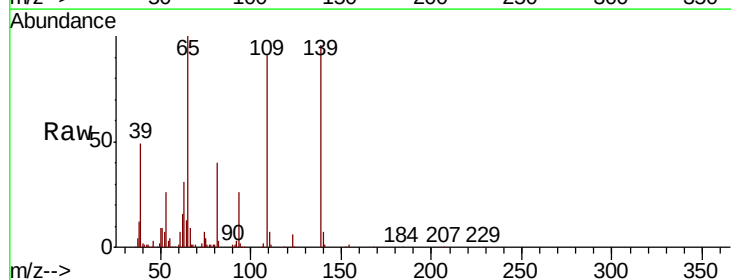
Instrument :
BNA_G
ClientSampled :

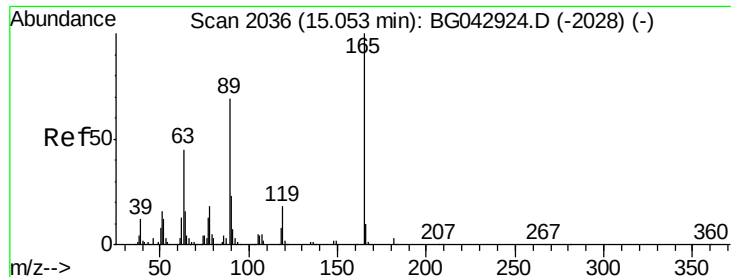
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	32.6	48.8
169	13.6	11.2	16.8



#56
4-Nitrophenol
Concen: 98.655 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	94.5	79.4	119.4
65	104.1	92.5	132.5

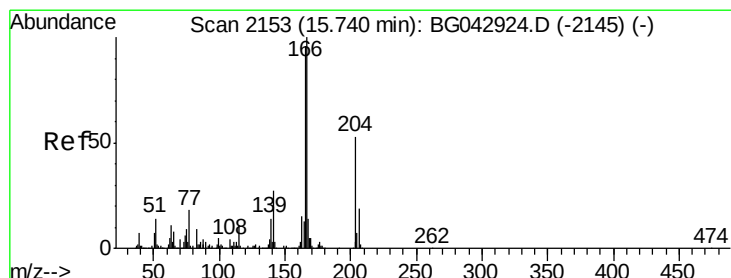
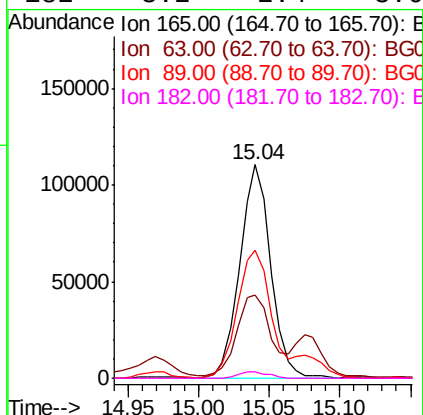
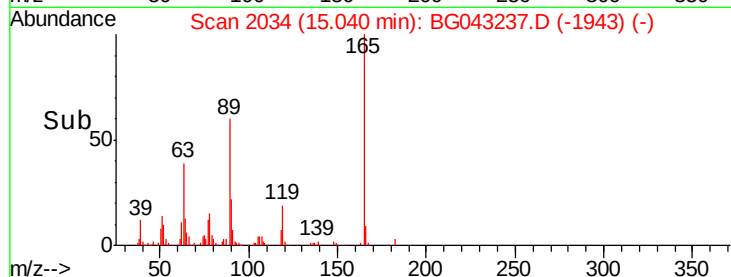
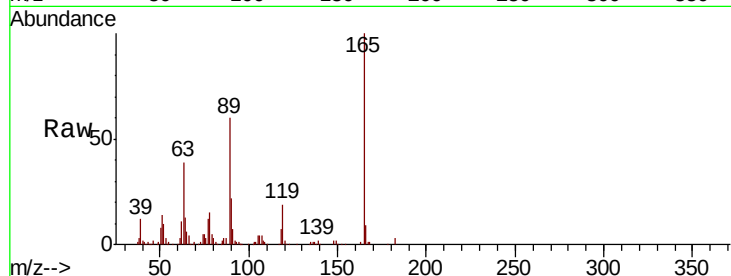




#57
2,4-Dinitrotoluene
Concen: 49.437 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

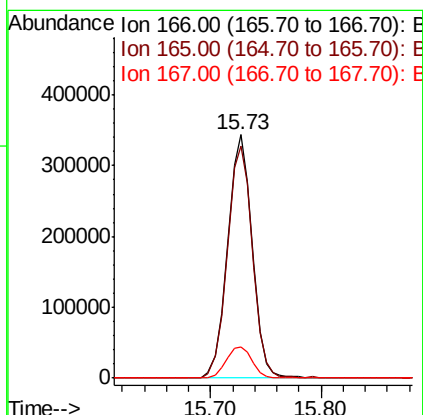
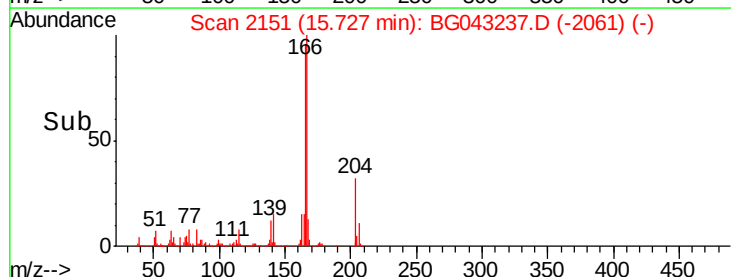
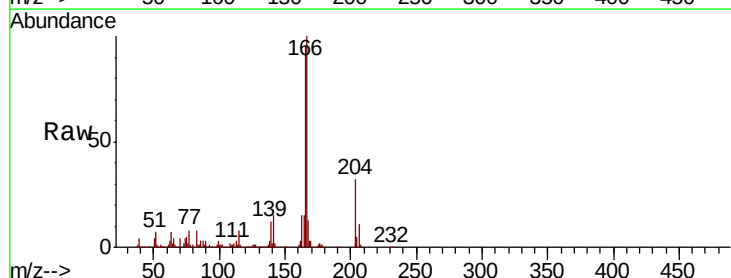
Instrument :
BNA_G
ClientSampleId :

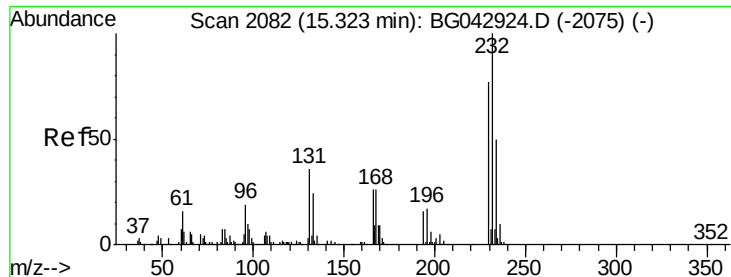
Tot Ion:165 Resp: 169538
Ion Ratio Lower Upper
165 100
63 38.8 36.5 54.7
89 59.9 55.5 83.3
182 3.2 2.4 3.6



#58
Fluorene
Concen: 49.737 ng
RT: 15.73 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

Tgt Ion:166 Resp: 536855
Ion Ratio Lower Upper
166 100
165 95.4 77.1 115.7
167 12.9 11.0 16.6

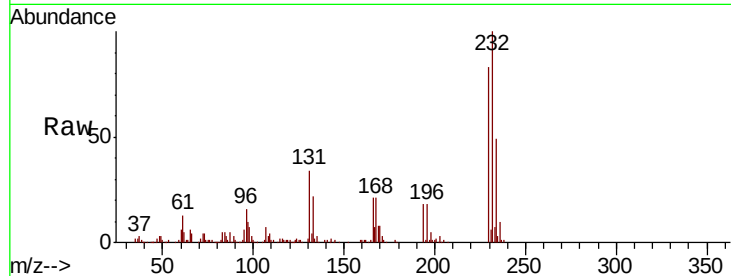




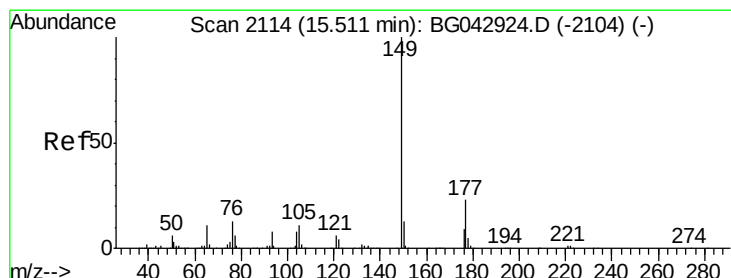
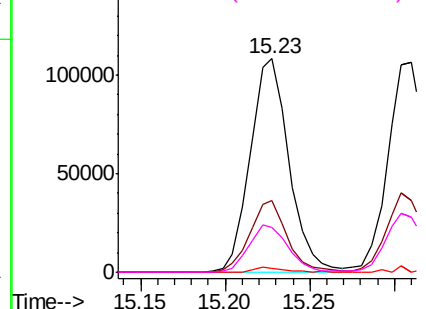
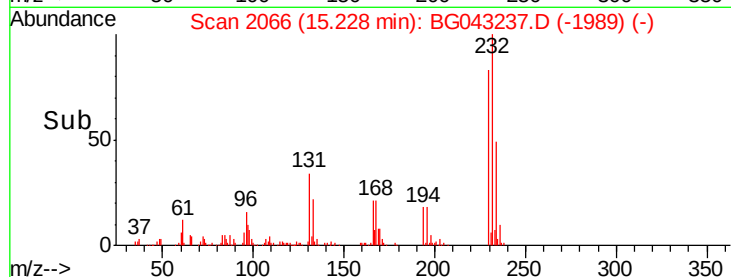
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.786 ng
 RT: 15.23 min Scan# 2066
 Delta R.T. -0.08 min
 Lab File: BG043237.D
 Acq: 16 Oct 2019 4:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	172835
Ion	Ratio	Lower	Upper
232	100		
131	32.5	29.6	44.4
130	2.1	1.9	2.9
166	22.7	21.8	32.8

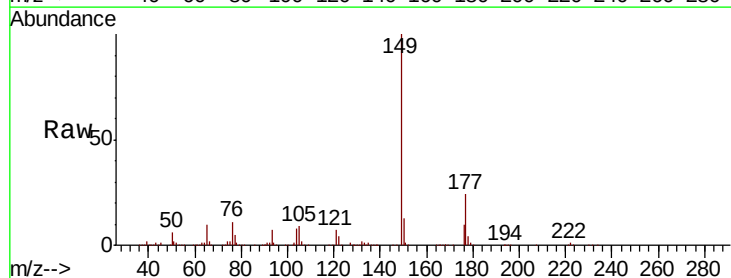


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

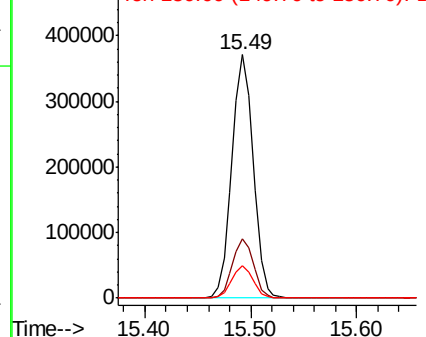
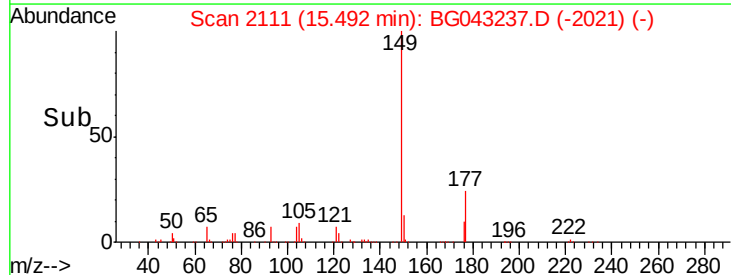


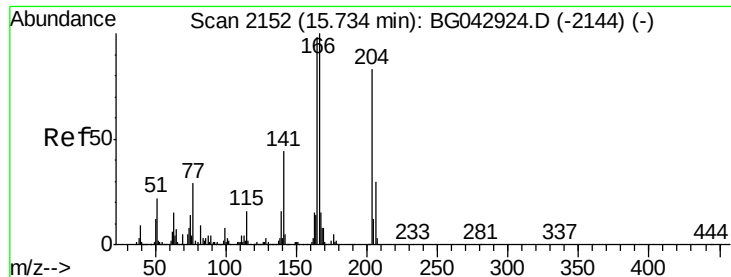
#60
 Diethylphthalate
 Concen: 46.315 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. 0.00 min
 Lab File: BG043237.D
 Acq: 16 Oct 2019 4:56

Tgt Ion:	149	Resp:	518326
Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.8	28.2
150	13.4	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

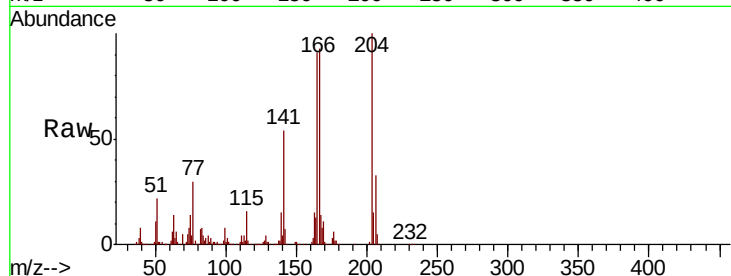




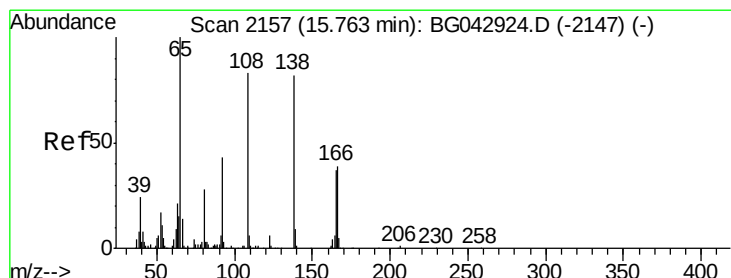
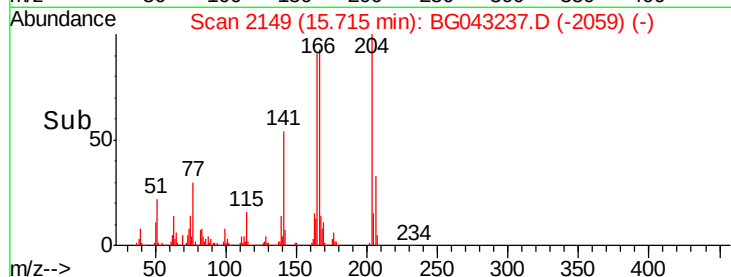
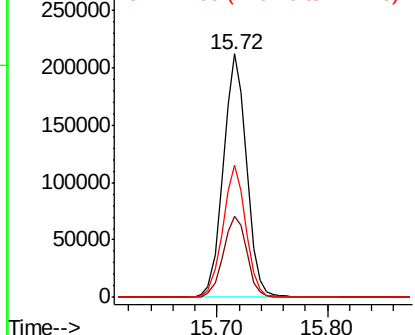
#61
4-Chlorophenyl-phenylether
Concen: 48.377 ng
RT: 15.72 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 313170
Ion Ratio Lower Upper
204 100
206 33.2 28.5 42.7
141 54.2 42.4 63.6

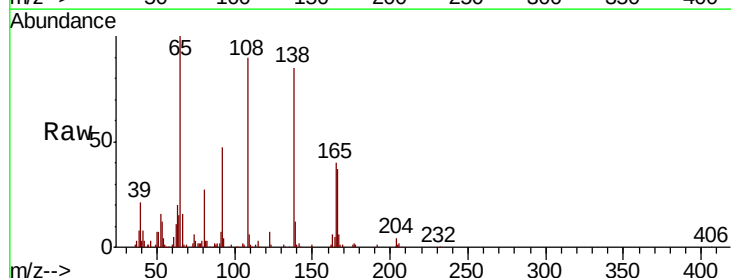


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

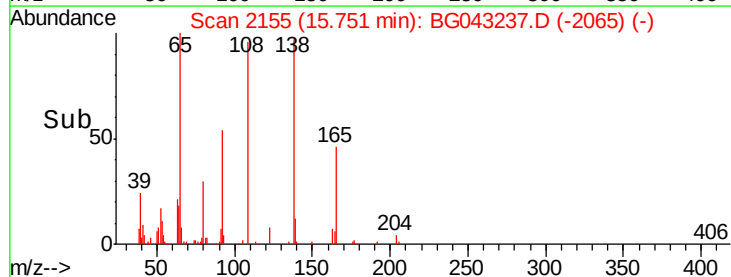
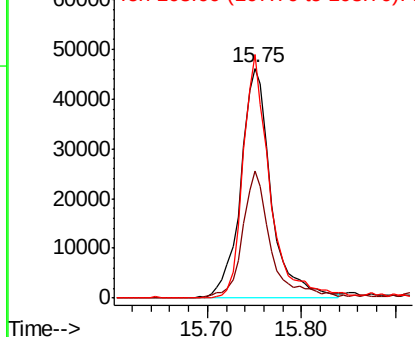


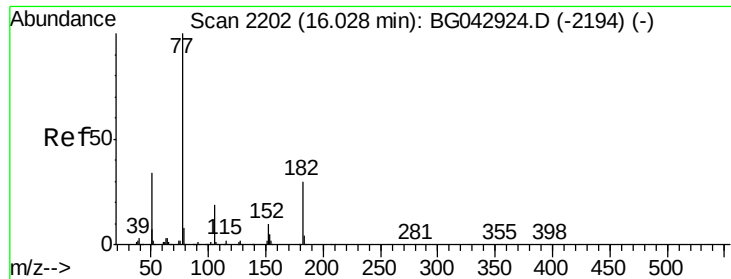
#62
4-Nitroaniline
Concen: 39.174 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

Tgt Ion:138 Resp: 103399
Ion Ratio Lower Upper
138 100
92 55.5 32.9 72.9
108 106.0 81.3 121.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 44.012 ng

RT: 16.01 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 448438

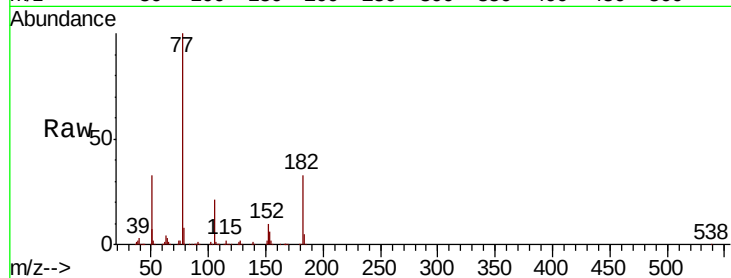
Ion Ratio Lower Upper

77 100

182 33.1 10.2 50.2

105 21.1 0.0 39.1

51 32.9 13.9 53.9

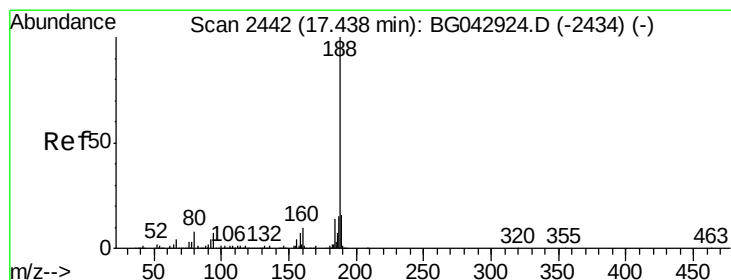
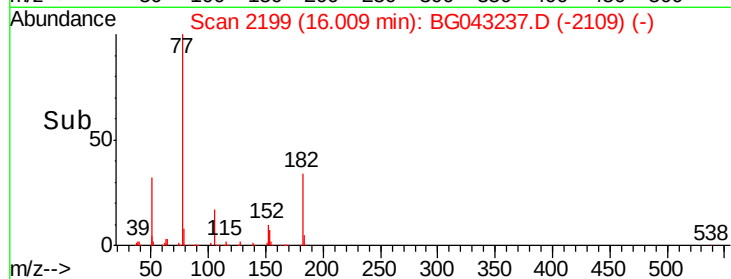
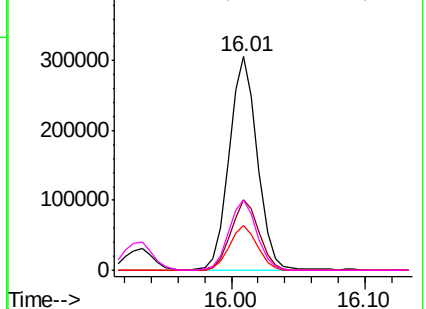


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.43 min Scan# 2440

Delta R.T. 0.01 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

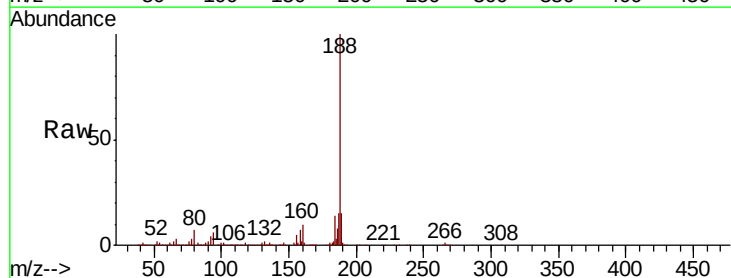
Tgt Ion: 188 Resp: 319452

Ion Ratio Lower Upper

188 100

94 5.8 5.7 8.5

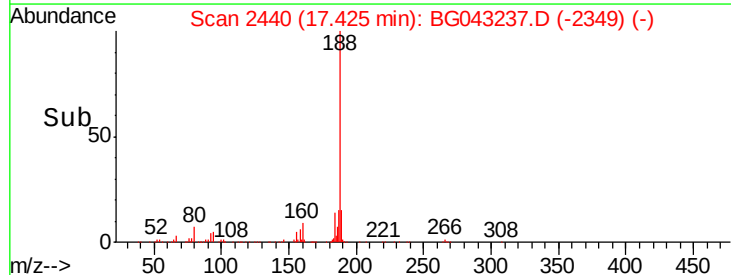
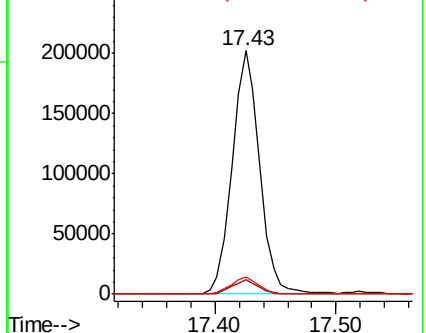
80 7.1 6.5 9.7

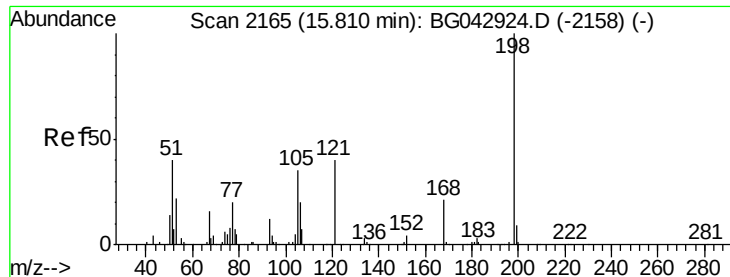


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

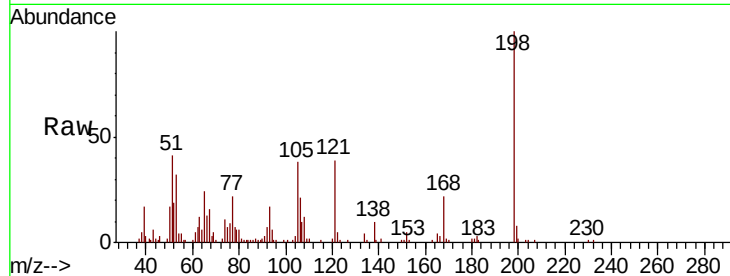




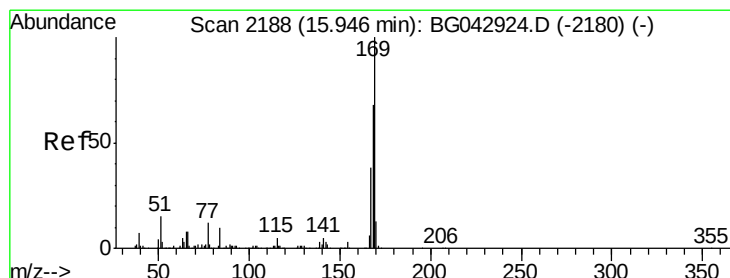
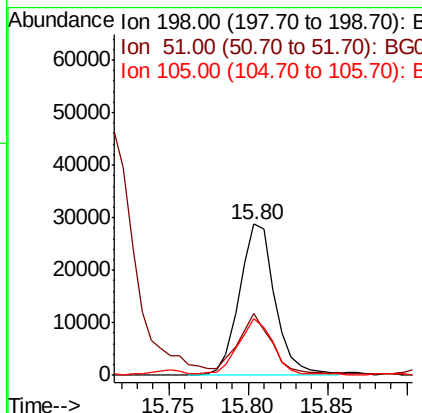
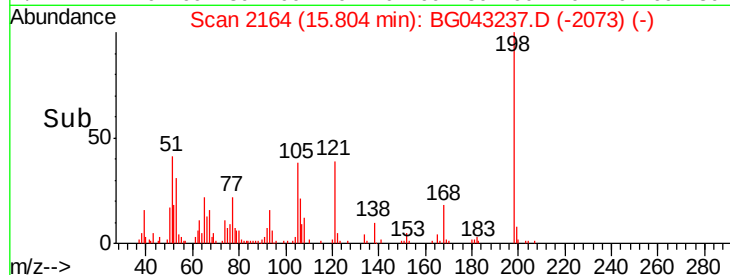
#65
 4,6-Dinitro-2-methylphenol
 Concen: 24.940 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. 0.01 min
 Lab File: BG043237.D
 Acq: 16 Oct 2019 4:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	40.6	25.3	65.3
105	37.5	16.6	56.6

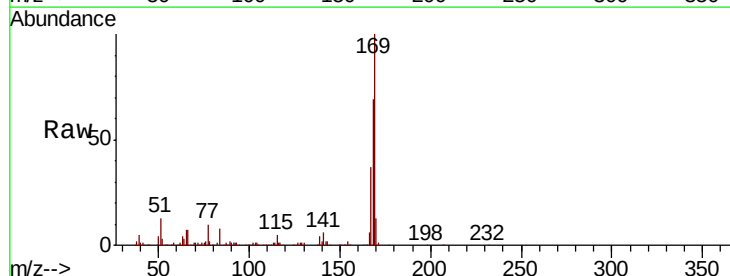


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

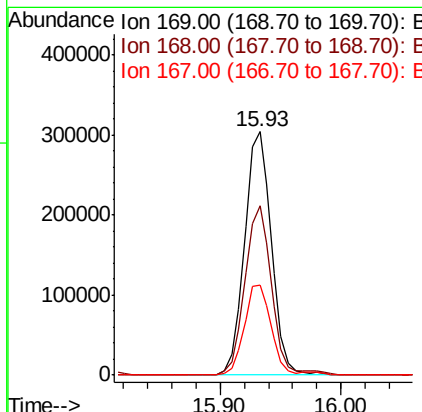
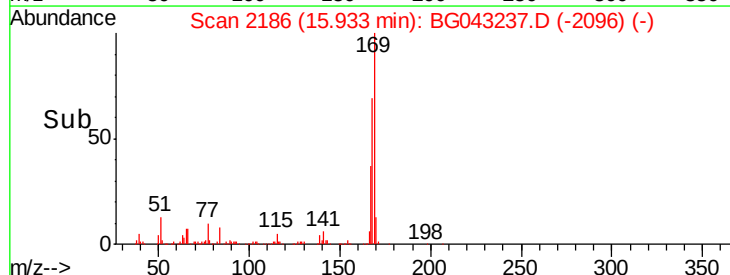


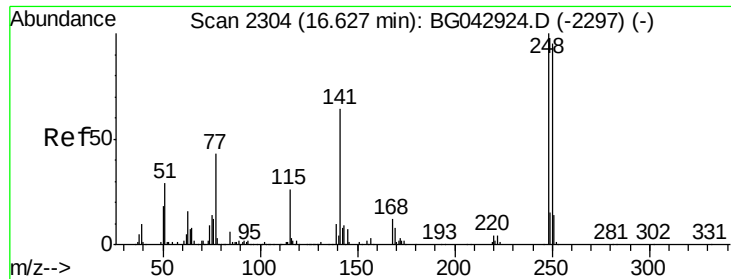
#66
 n-Nitrosodiphenylamine
 Concen: 55.917 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: BG043237.D
 Acq: 16 Oct 2019 4:56

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.5	54.8	82.2
167	36.9	30.6	46.0



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

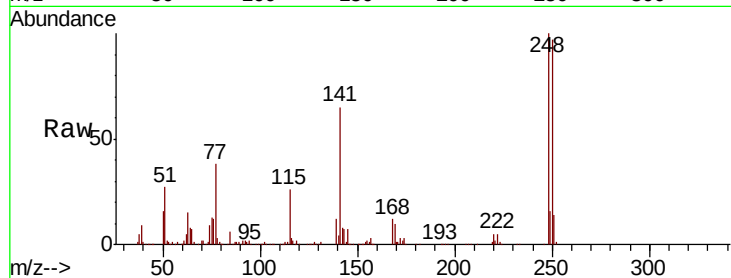




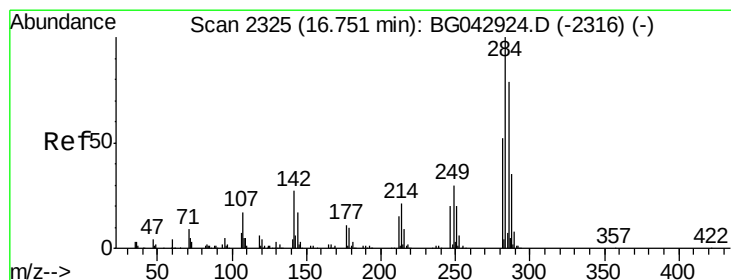
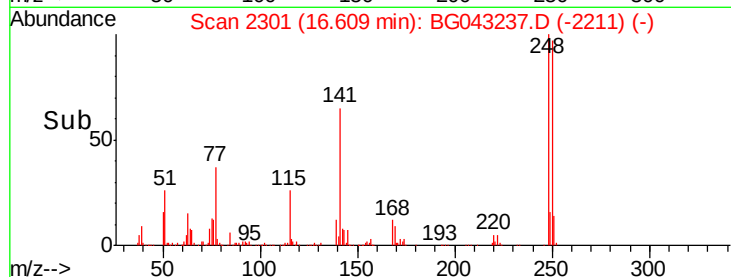
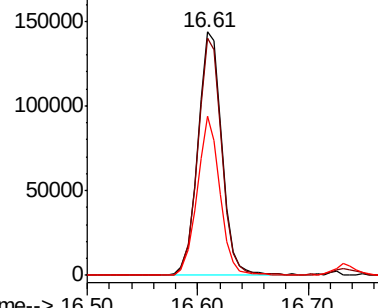
#67
4-Bromophenyl-phenylether
Concen: 54.808 ng
RT: 16.61 min Scan# 2301
Delta R.T. 0.00 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 219748
Ion Ratio Lower Upper
248 100
250 97.3 75.8 113.8
141 65.4 51.1 76.7

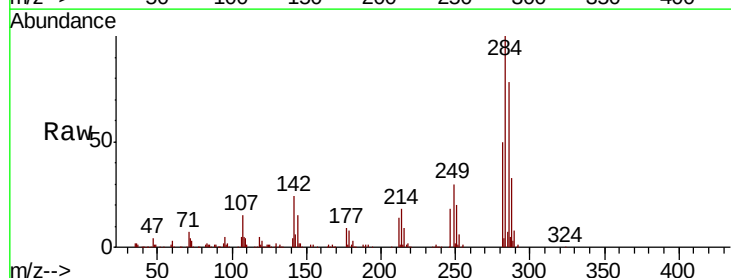


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

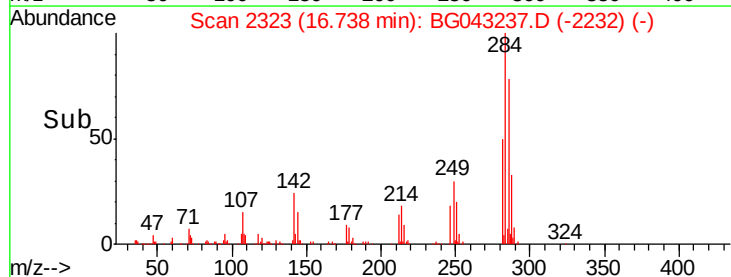
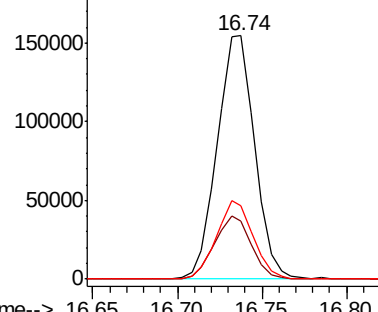


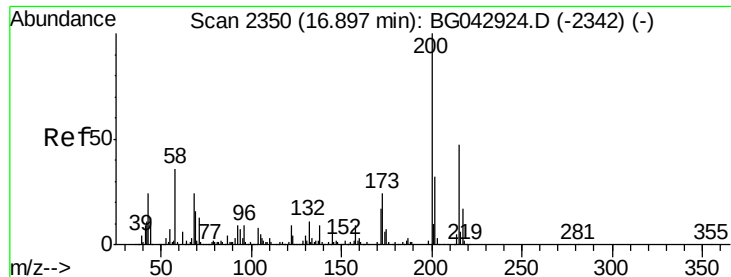
#68
Hexachlorobenzene
Concen: 53.401 ng
RT: 16.74 min Scan# 2323
Delta R.T. 0.01 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

Tgt Ion:284 Resp: 238393
Ion Ratio Lower Upper
284 100
142 24.0 21.6 32.4
249 30.1 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

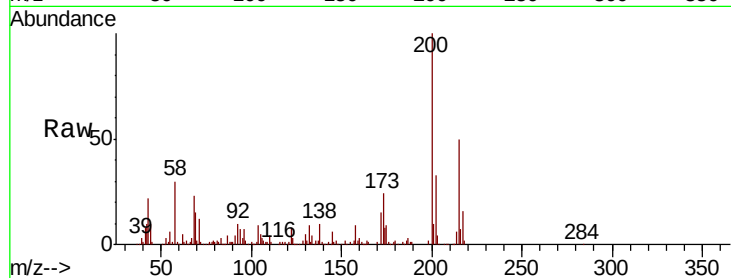




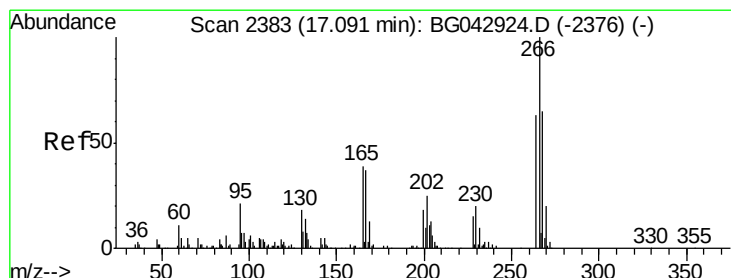
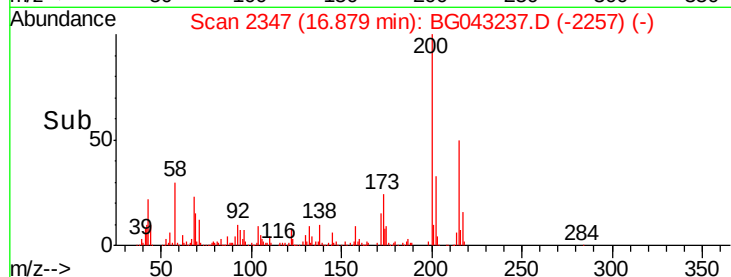
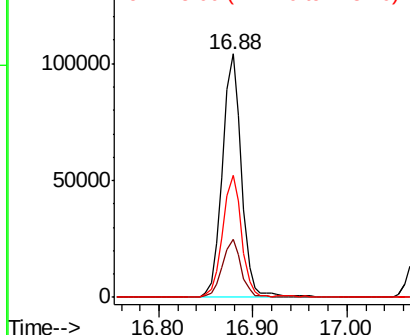
#69
 Atrazine
 Concen: 41.641 ng
 RT: 16.88 min Scan# 2347
 Delta R.T. 0.00 min
 Lab File: BG043237.D
 Acq: 16 Oct 2019 4:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.8	4.0	44.0
215	50.2	27.4	67.4

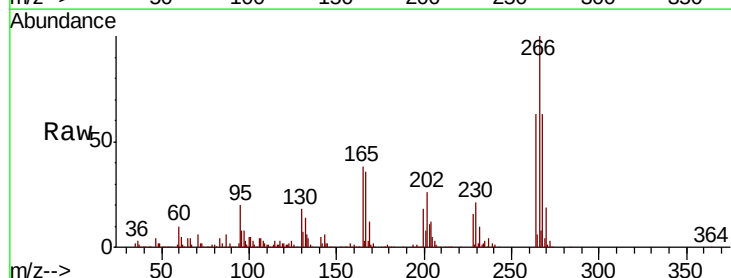


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

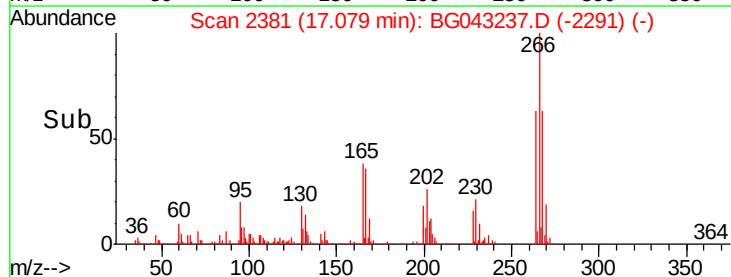
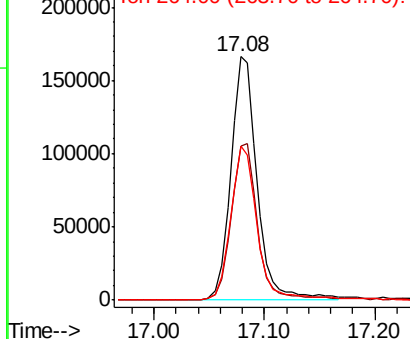


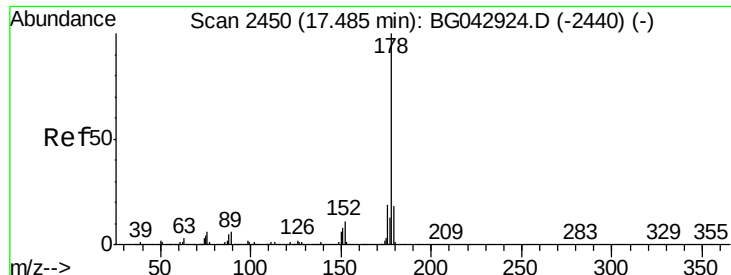
#70
 Pentachlorophenol
 Concen: 107.813 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: BG043237.D
 Acq: 16 Oct 2019 4:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	52.2	78.2
264	63.5	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

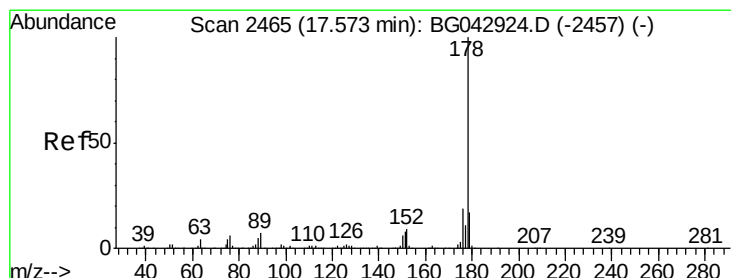
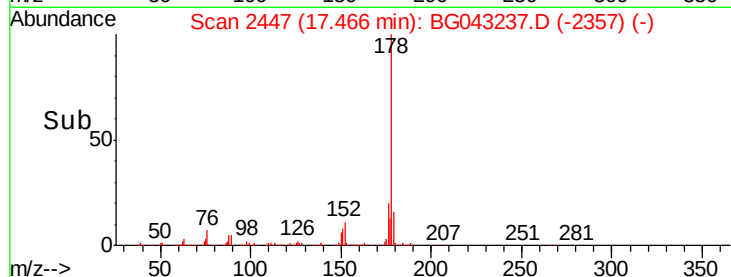
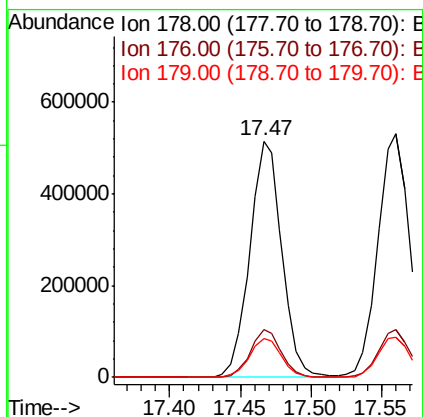
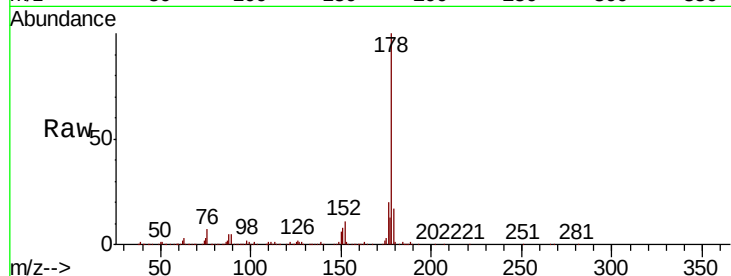




#71
Phenanthrene
Concen: 52.797 ng
RT: 17.47 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

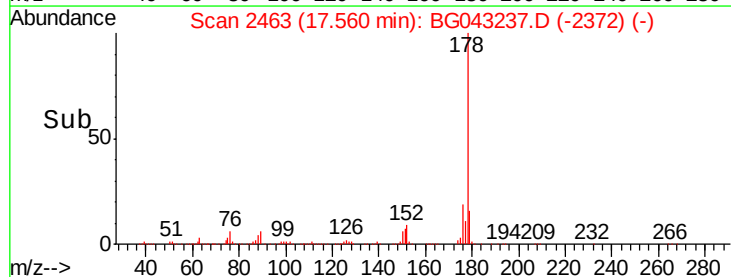
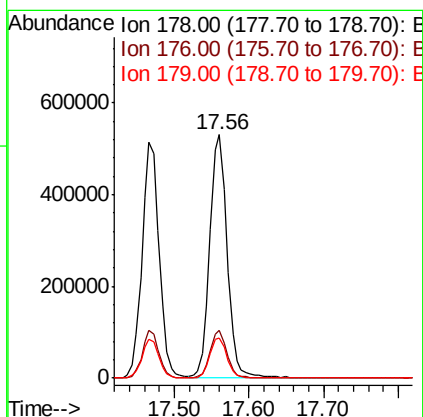
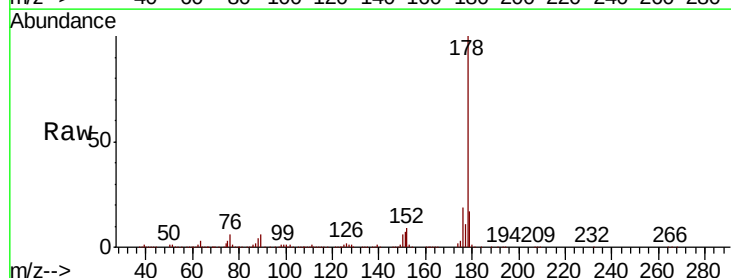
Instrument :
BNA_G
ClientSampleId :

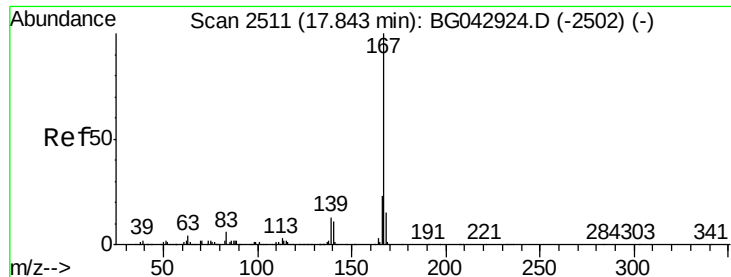
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	16.6	14.1	21.1



#72
Anthracene
Concen: 55.048 ng
RT: 17.56 min Scan# 2463
Delta R.T. 0.01 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

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

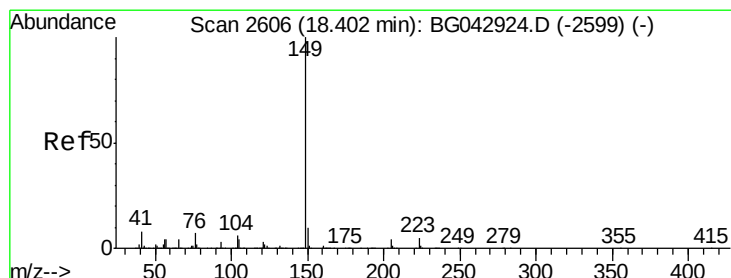
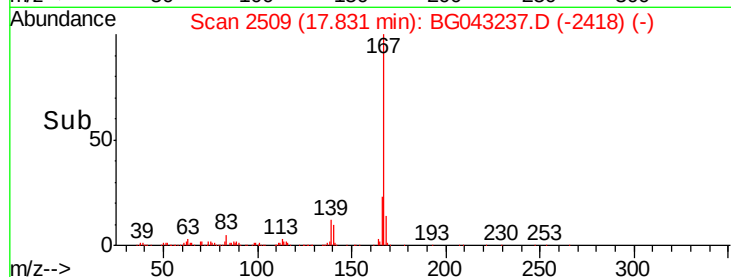
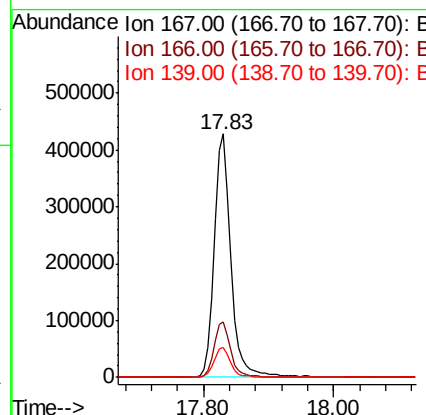
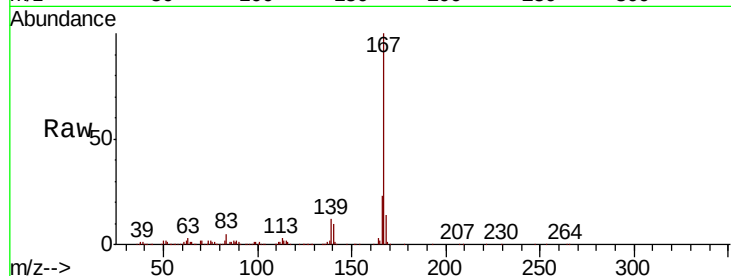




#73
 Carbazole
 Concen: 52.700 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. 0.01 min
 Lab File: BG043237.D
 Acq: 16 Oct 2019 4:56

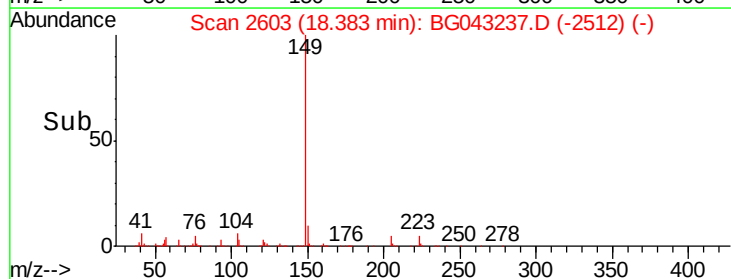
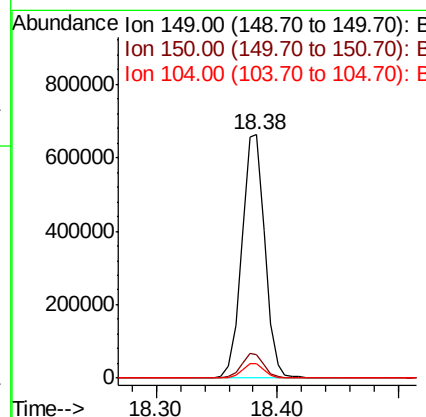
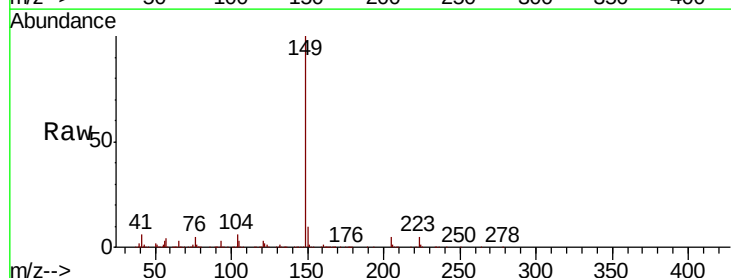
Instrument :
 BNA_G
 ClientSampled :

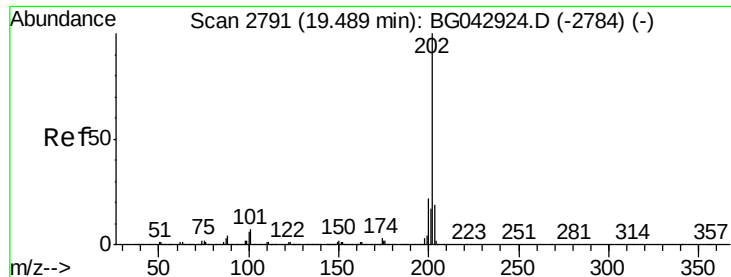
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.6	28.0
139	12.4	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 51.260 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. 0.01 min
 Lab File: BG043237.D
 Acq: 16 Oct 2019 4:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.9	5.0	7.6





#75

Fluoranthene

Concen: 51.170 ng

RT: 19.48 min Scan# 2789

Delta R.T. 0.01 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

Instrument :

BNA_G

ClientSampleId :

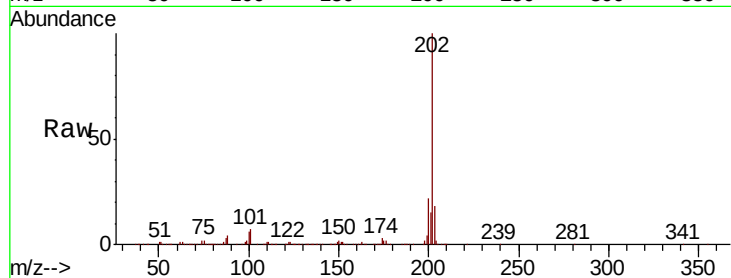
Tot Ion:202 Resp: 1055544

Ion Ratio Lower Upper

202 100

101 7.1 0.0 27.3

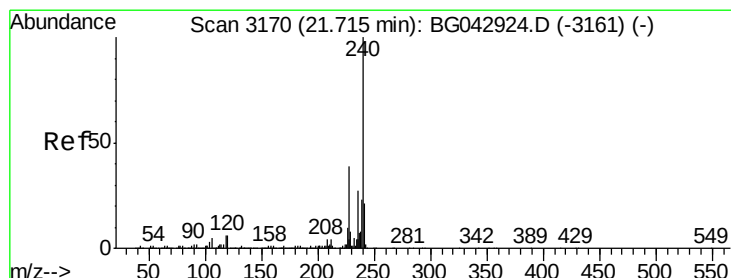
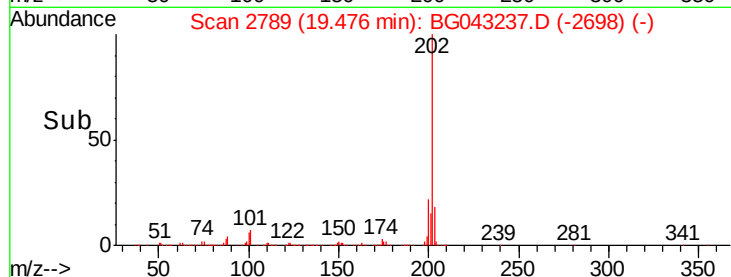
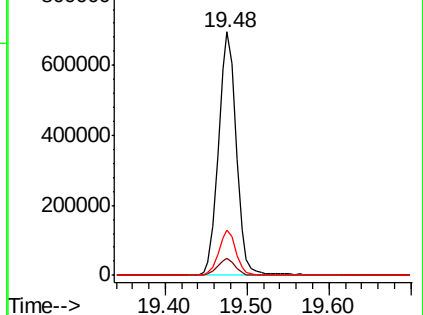
203 18.5 0.0 39.5



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: 21.70 min Scan# 3167

Delta R.T. 0.01 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

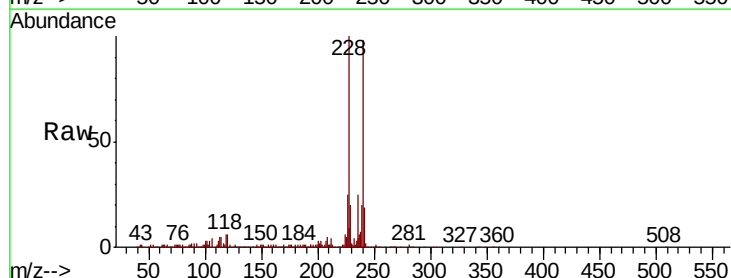
Tgt Ion:240 Resp: 340487

Ion Ratio Lower Upper

240 100

120 6.3 4.8 7.2

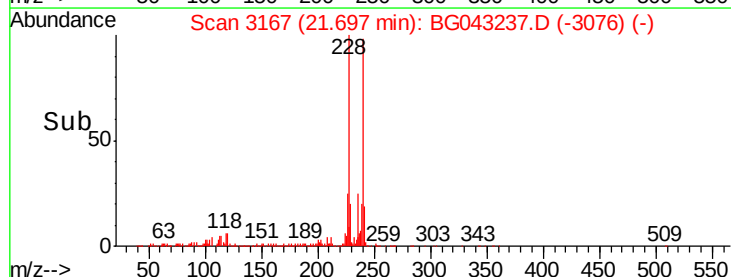
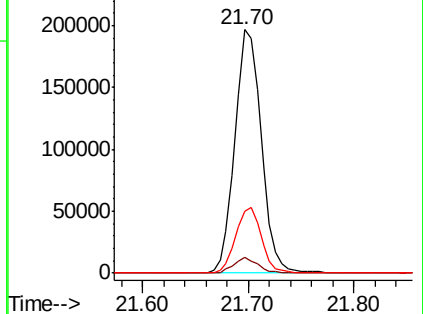
236 25.2 21.4 32.0

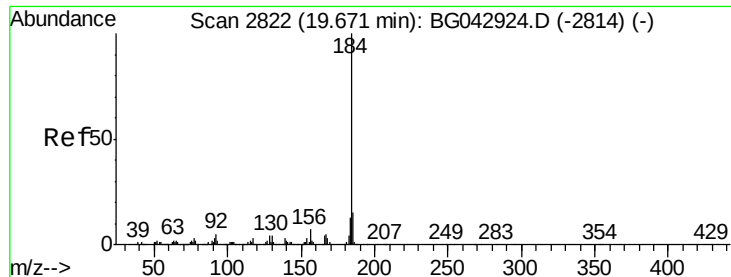


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 9.304 ng

RT: 19.67 min Scan# 2822

Delta R.T. 0.01 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

Instrument :

BNA_G

ClientSampleId :

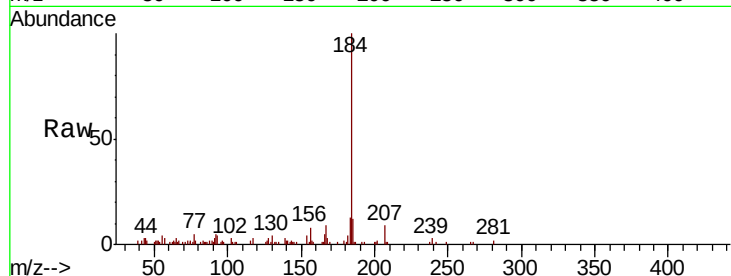
Tot Ion:184 Resp: 79319

Ion Ratio Lower Upper

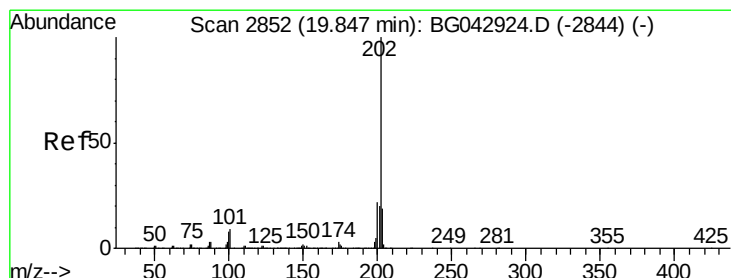
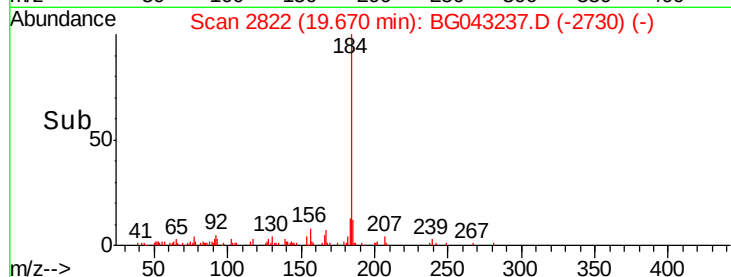
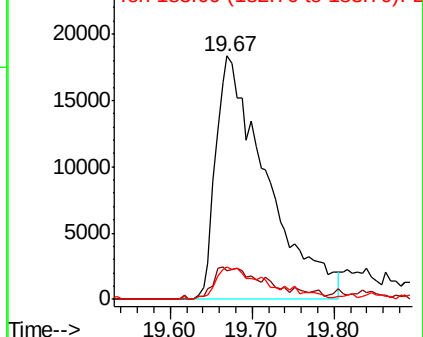
184 100

185 11.7 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: 52.700 ng

RT: 19.83 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

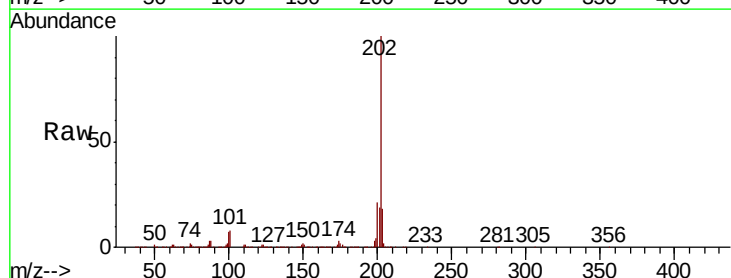
Tgt Ion:202 Resp: 1070991

Ion Ratio Lower Upper

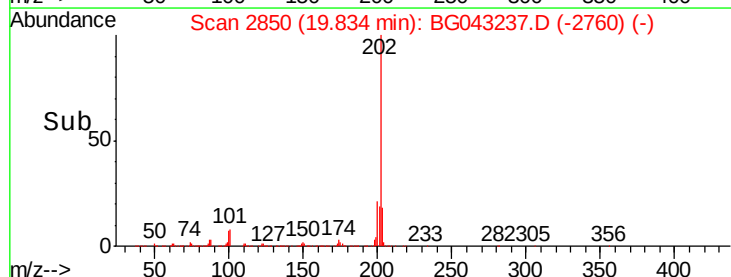
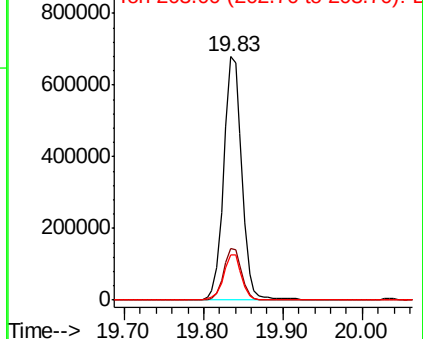
202 100

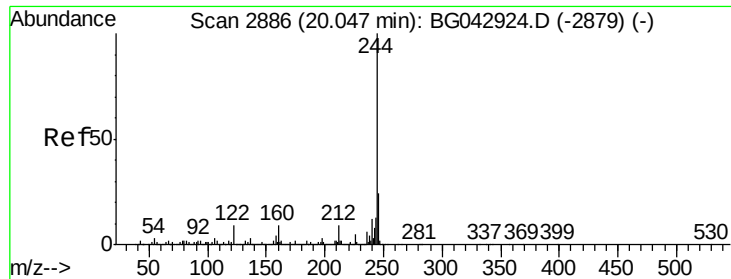
200 21.4 17.6 26.4

203 18.4 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: 104.936 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.01 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

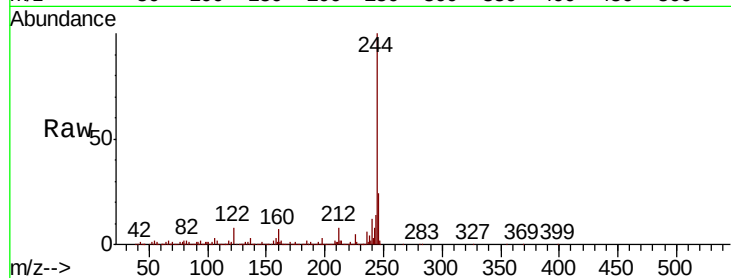
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1676747

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.4	11.0
122	7.7	7.0	10.4

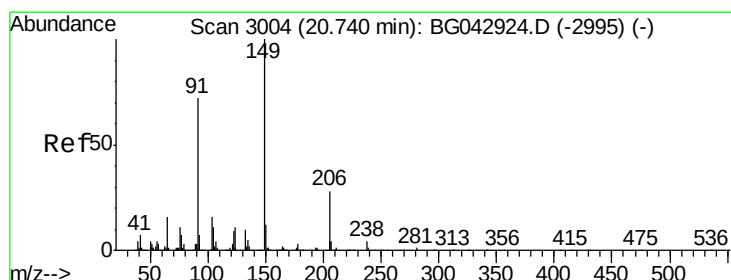
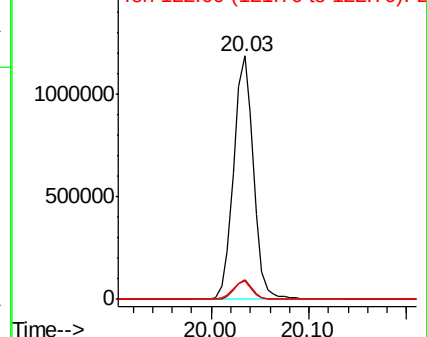
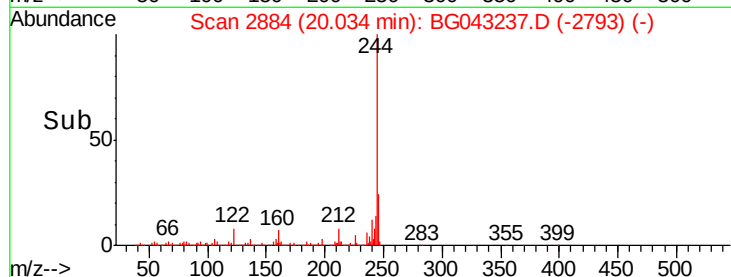


Abundance

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: 51.691 ng

RT: 20.72 min Scan# 3000

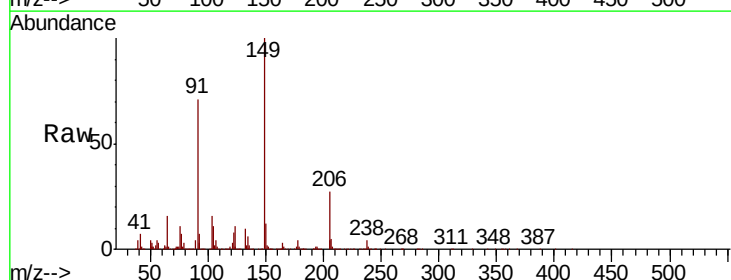
Delta R.T. 0.00 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

Tgt Ion:149 Resp: 398738

Ion	Ratio	Lower	Upper
149	100		
91	70.7	57.7	86.5
206	27.4	22.6	33.8

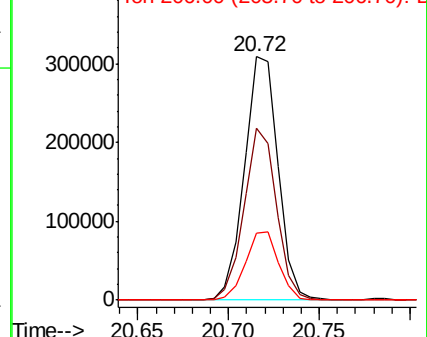
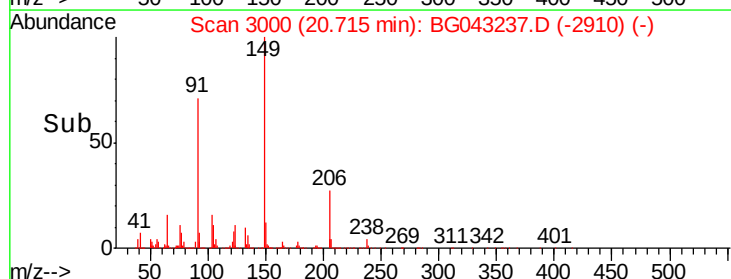


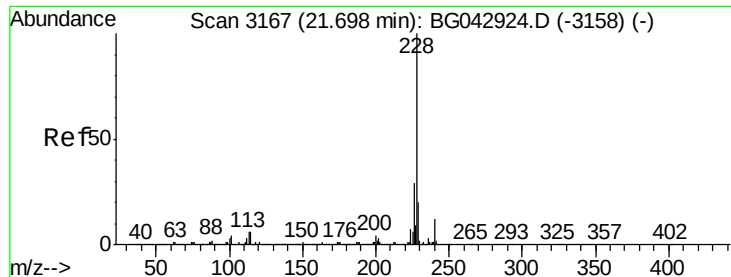
Abundance

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: 51.042 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.01 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

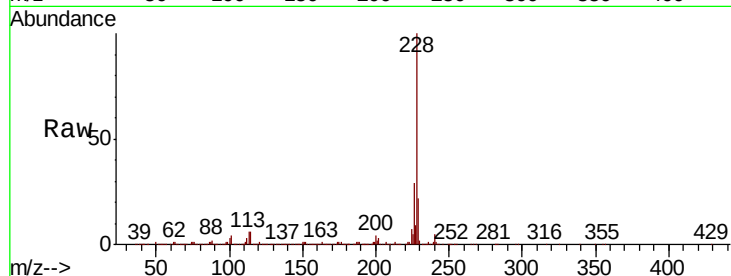
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1082870

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.4
229	21.6	16.3	24.5

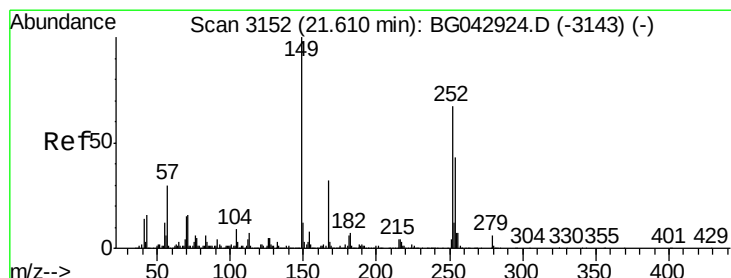
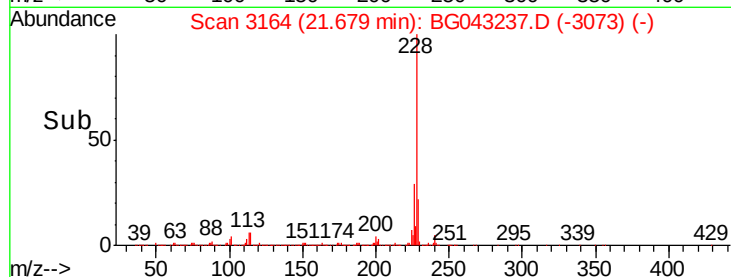
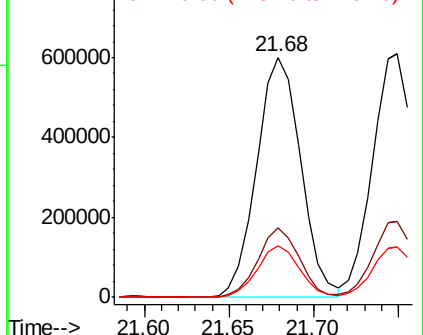


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 32.777 ng

RT: 21.60 min Scan# 3150

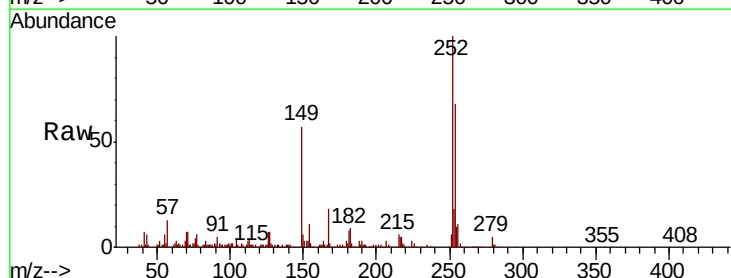
Delta R.T. 0.01 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

Tgt Ion:252 Resp: 272735

Ion	Ratio	Lower	Upper
252	100		
254	67.8	51.9	77.9
126	7.4	6.1	9.1

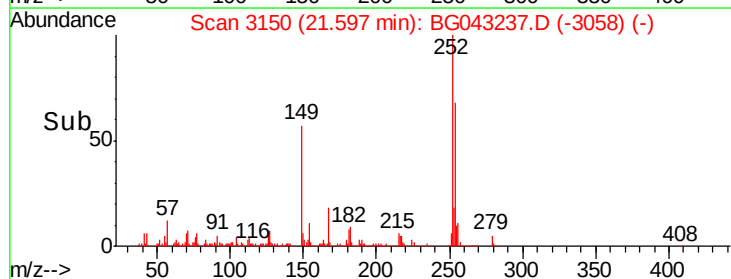
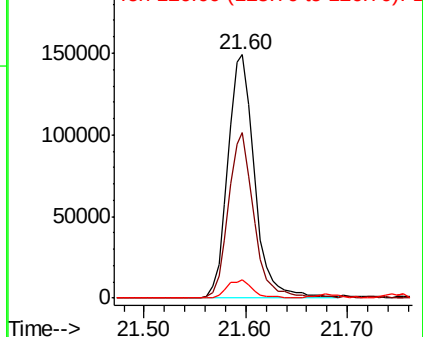


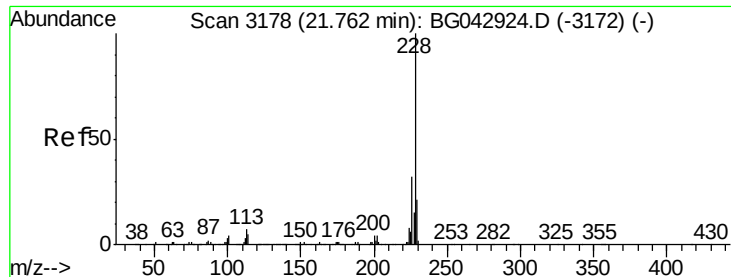
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 51.507 ng

RT: 21.75 min Scan# 3176

Delta R.T. 0.01 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

Instrument :

BNA_G

ClientSampleId :

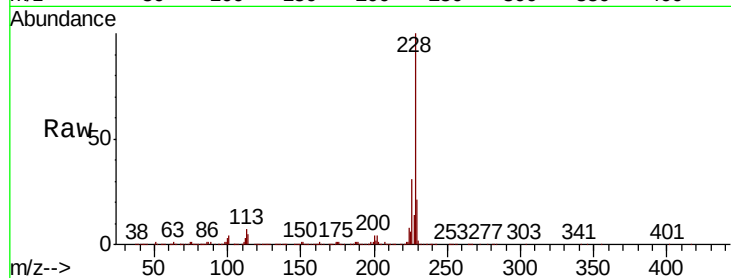
Tot Ion:228 Resp: 1060432

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.6	38.4
229	20.8	16.9	25.3

228 100

226 30.9 25.6 38.4

229 20.8 16.9 25.3

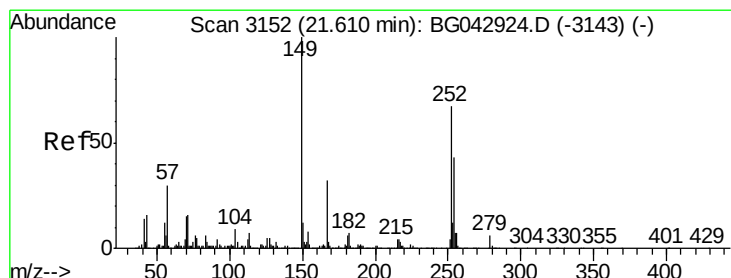
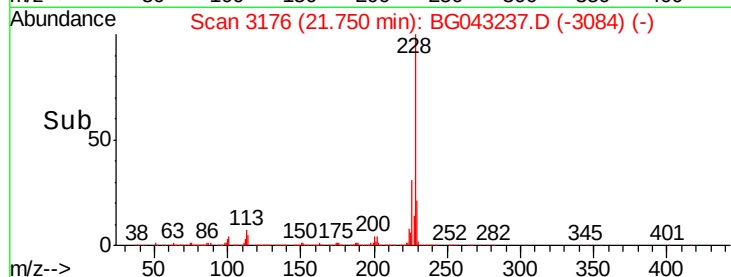
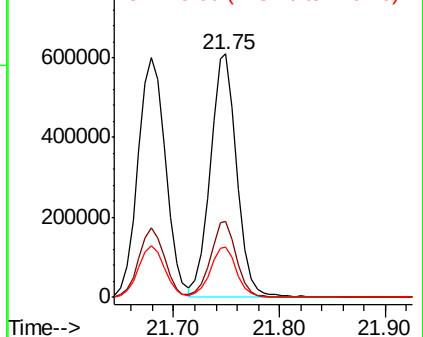


Abundance

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: 53.017 ng

RT: 21.58 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

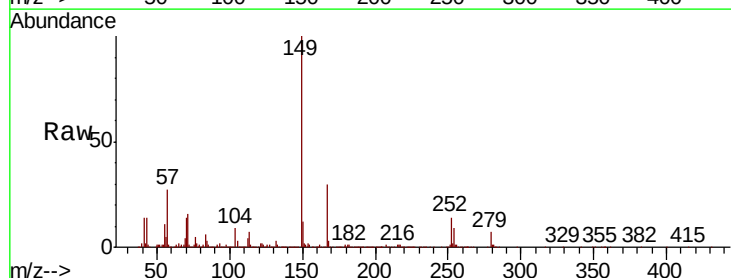
Tgt Ion:149 Resp: 581933

Ion	Ratio	Lower	Upper
149	100		
167	30.4	25.4	38.2
279	6.7	5.1	7.7

149 100

167 30.4 25.4 38.2

279 6.7 5.1 7.7

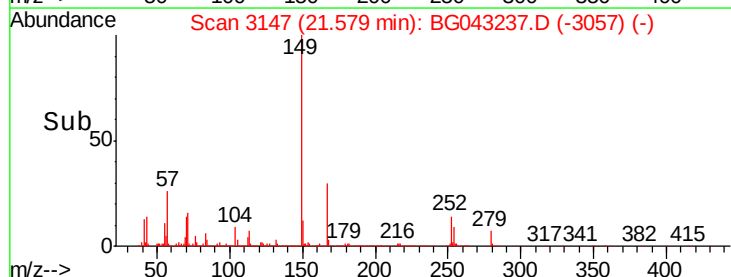
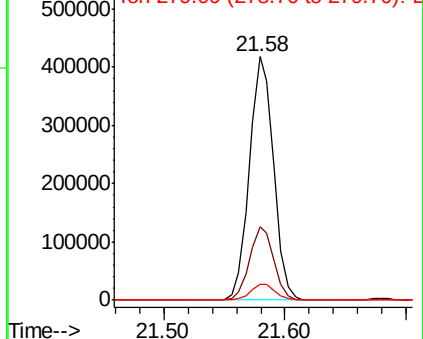


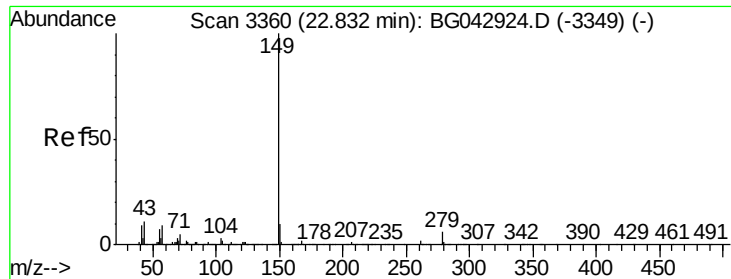
Abundance

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: 55.222 ng

RT: 22.79 min Scan# 3353

Delta R.T. 0.00 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

Instrument :

BNA_G

ClientSampleId :

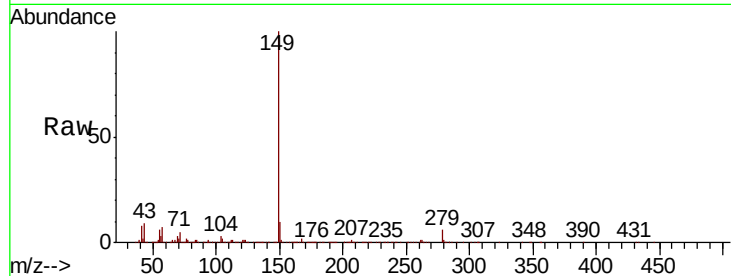
Tot Ion:149 Resp: 991159

Ion Ratio Lower Upper

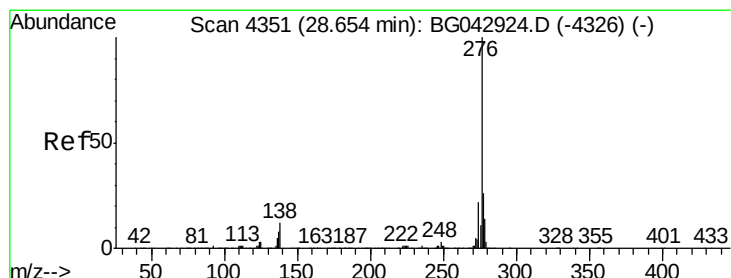
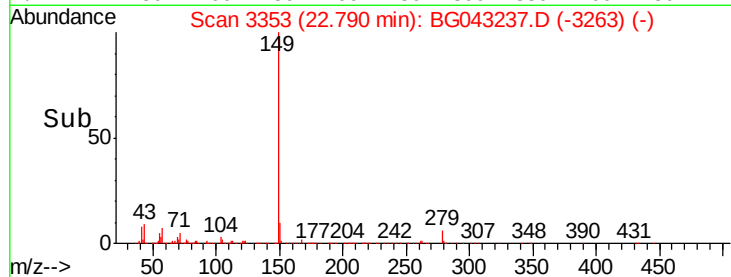
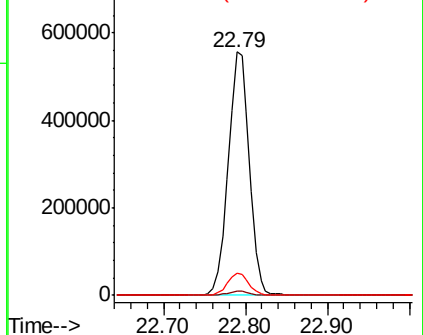
149 100

167 1.9 1.4 2.0

43 8.8 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: 52.066 ng

RT: 28.61 min Scan# 4343

Delta R.T. 0.02 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

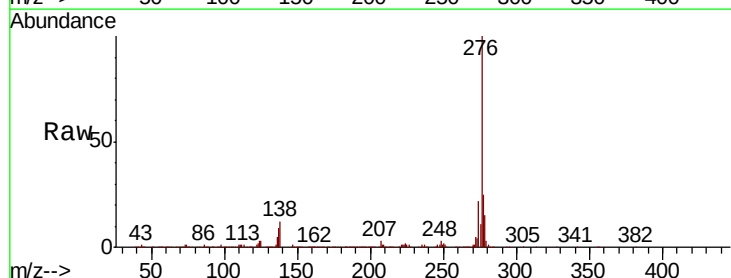
Tgt Ion:276 Resp: 1334472

Ion Ratio Lower Upper

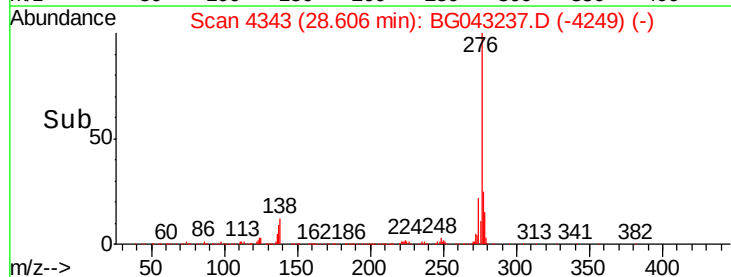
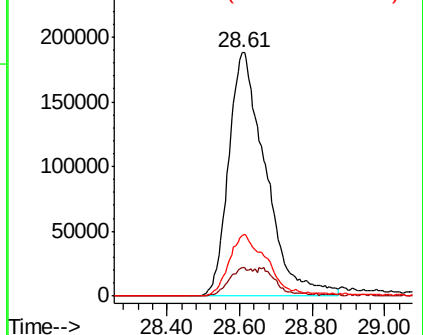
276 100

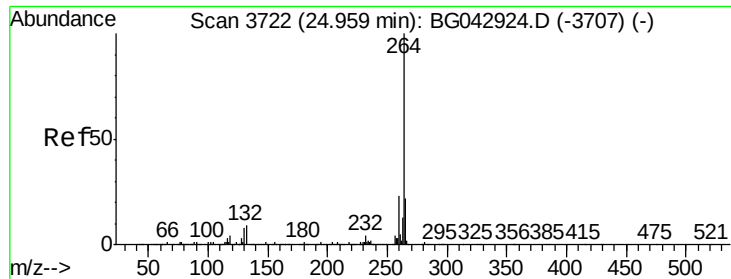
138 6.0 7.0 10.6#

277 24.8 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

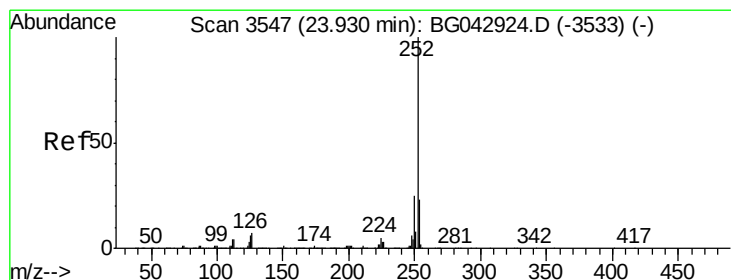
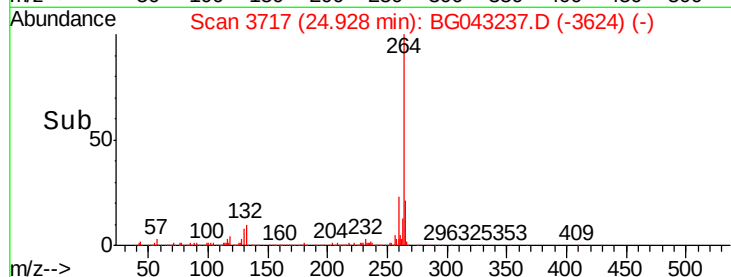
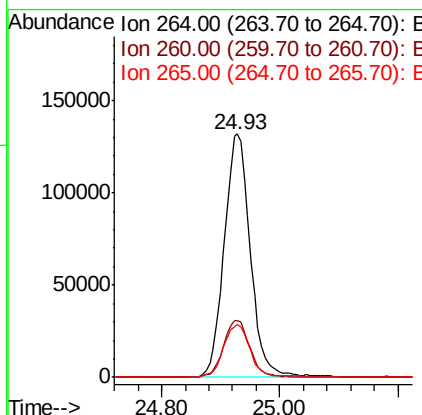
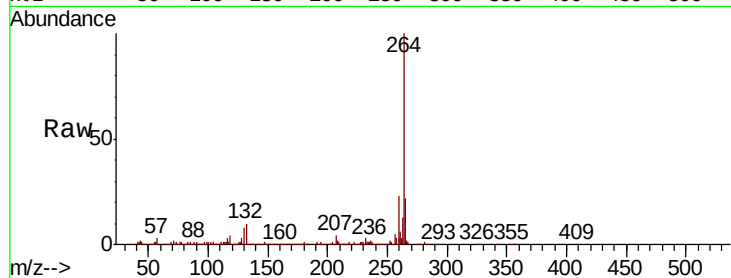




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. 0.02 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

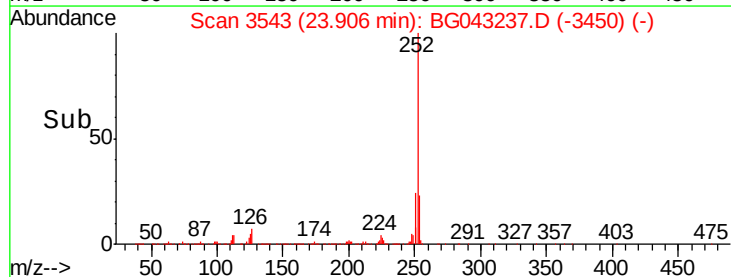
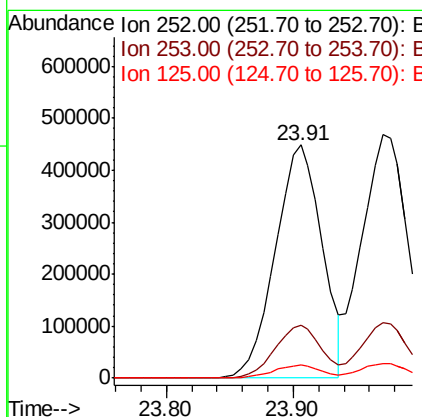
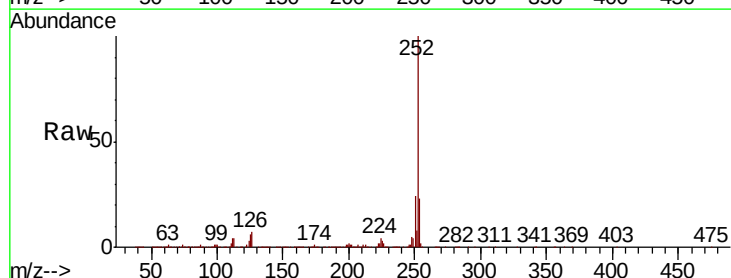
Instrument :
BNA_G
ClientSampleId :

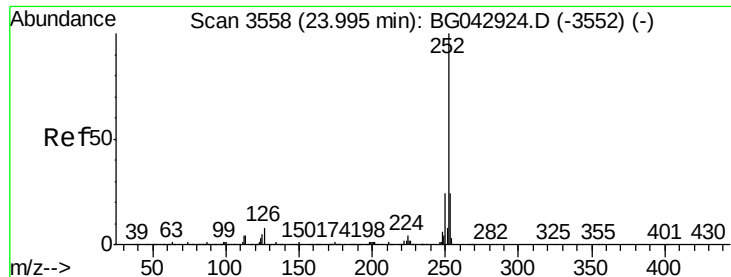
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.7	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 49.757 ng
RT: 23.91 min Scan# 3543
Delta R.T. 0.02 min
Lab File: BG043237.D
Acq: 16 Oct 2019 4:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	5.5	4.6	7.0





#89

Benzo(k)fluoranthene

Concen: 52.217 ng

RT: 23.97 min Scan# 3554

Delta R.T. 0.01 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

Instrument :

BNA_G

ClientSampleId :

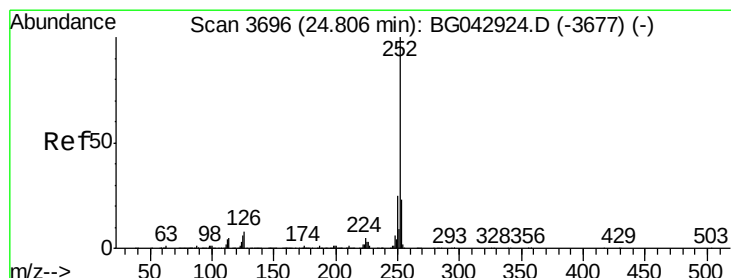
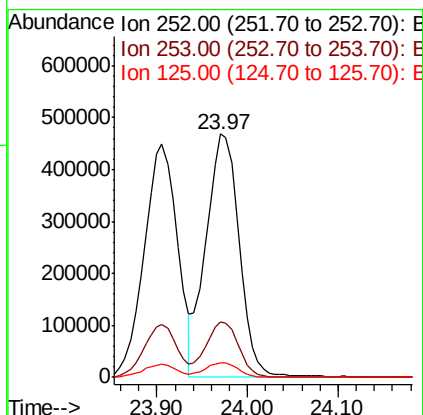
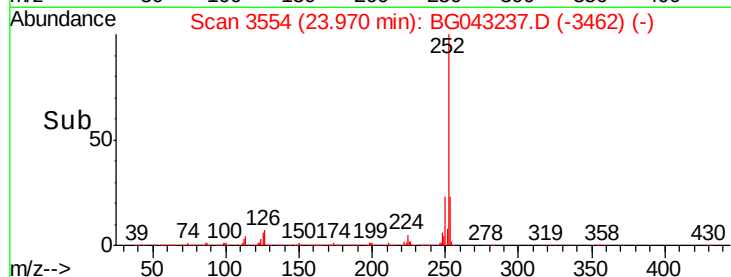
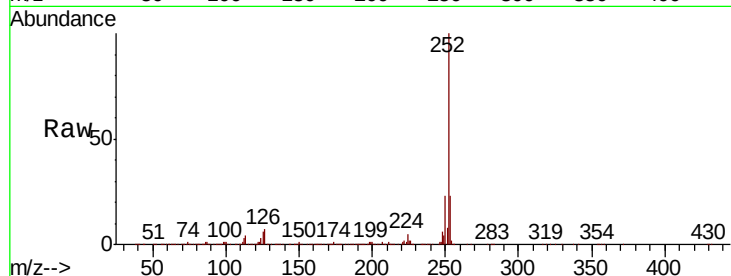
Tot Ion:252 Resp: 1191241

Ion Ratio Lower Upper

252 100

253 23.0 18.9 28.3

125 6.0 4.5 6.7



#90

Benzo(a)pyrene

Concen: 52.706 ng

RT: 24.78 min Scan# 3691

Delta R.T. 0.02 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

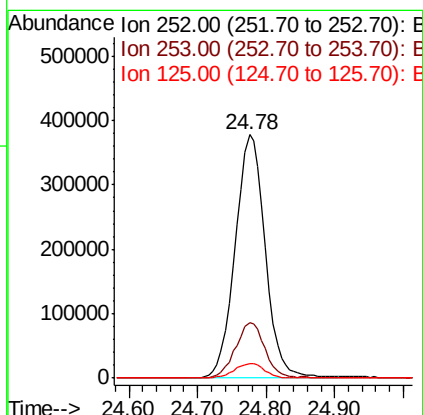
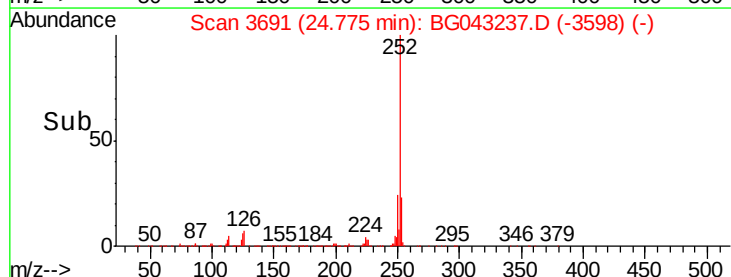
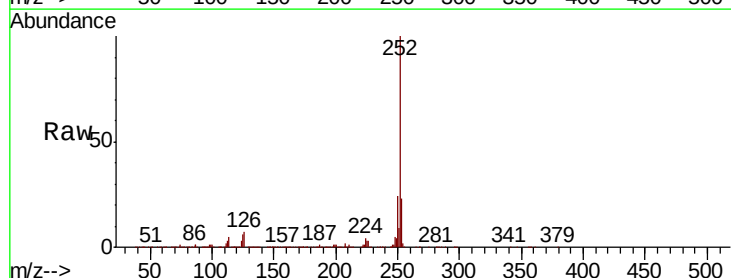
Tgt Ion:252 Resp: 1146712

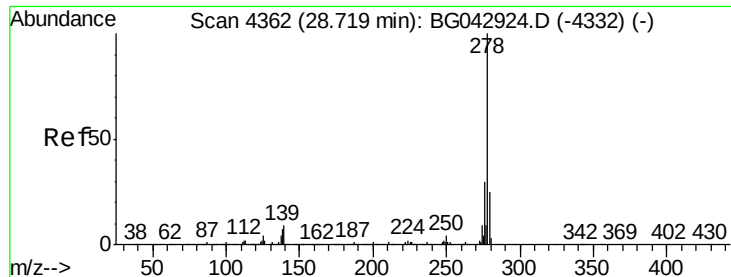
Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

125 6.0 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 51.065 ng

RT: 28.67 min Scan# 4354

Delta R.T. 0.04 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

Instrument :

BNA_G

ClientSampleId :

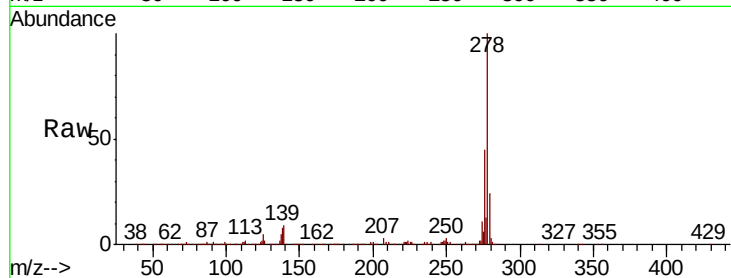
Tot Ion:278 Resp: 1139242

Ion Ratio Lower Upper

278 100

139 8.6 6.8 10.2

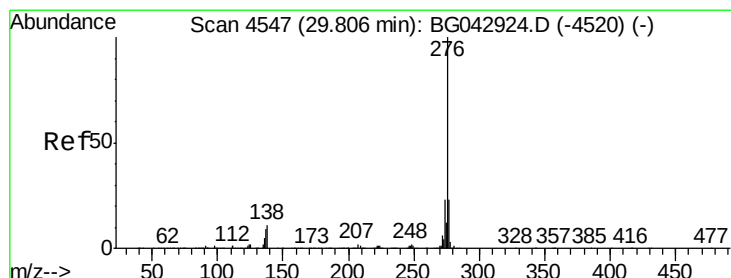
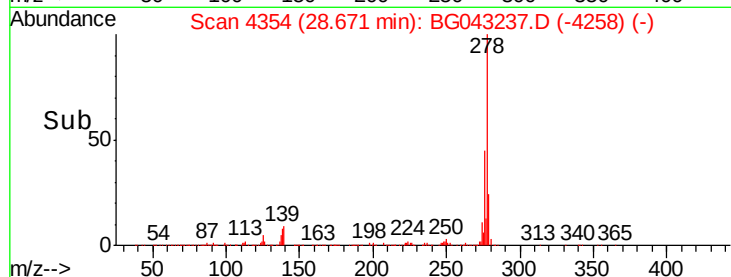
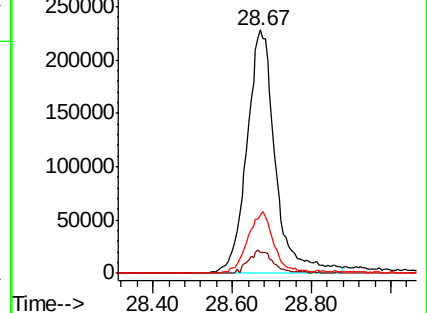
279 23.9 20.1 30.1



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: 46.573 ng

RT: 29.75 min Scan# 4538

Delta R.T. 0.03 min

Lab File: BG043237.D

Acq: 16 Oct 2019 4:56

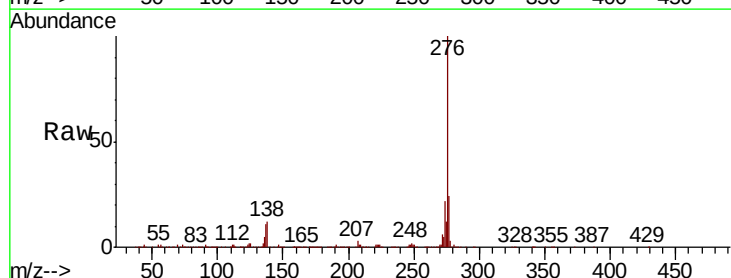
Tgt Ion:276 Resp: 1006742

Ion Ratio Lower Upper

276 100

277 23.6 18.4 27.6

138 11.7 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

