

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045915.D
 Acq On : 2 Jul 2020 15:23
 Operator : CG/JU
 Sample : L3153-44MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMS

Quant Time: Jul 03 00:34:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 14:02:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	51481	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	195580	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	139435	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	336344	20.00	ng	0.00
76) Chrysene-d12	21.52	240	336042	20.00	ng	0.00
86) Perylene-d12	24.59	264	349668	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	420136	137.86	ng	0.00
7) Phenol-d6	7.08	99	548809	118.39	ng	0.00
23) Nitrobenzene-d5	9.02	82	425235	99.33	ng	0.00
42) 2,4,6-Tribromophenol	16.02	330	297611	141.38	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	927998	97.81	ng	0.00
79) Terphenyl-d14	19.89	244	1668189	100.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	62417	44.717	ng	# 71
3) Pyridine	3.70	79	136788	33.071	ng	94
4) n-Nitrosodimethylamine	3.60	42	73314	52.805	ng	93
6) Aniline	7.18	93	138292	25.336	ng	97
8) 2-Chlorophenol	7.43	128	166857	51.150	ng	98
9) Benzaldehyde	6.99	77	35940	12.908	ng	95
10) Phenol	7.10	94	195342	43.490	ng	97
11) bis(2-Chloroethyl)ether	7.28	93	160774	47.125	ng	98
12) 1,3-Dichlorobenzene	7.74	146	191989	49.387	ng	98
13) 1,4-Dichlorobenzene	7.89	146	194269	50.031	ng	96
14) 1,2-Dichlorobenzene	8.21	146	179168	48.198	ng	98
15) Benzyl Alcohol	8.11	79	180356	50.276	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.39	45	153766	47.822	ng	98
17) 2-Methylphenol	8.34	107	146008	43.680	ng	95
18) Hexachloroethane	8.94	117	75435	51.151	ng	93
19) n-Nitroso-di-n-propylamine	8.67	70	150533	49.393	ng	98
20) 3+4-Methylphenols	8.67	107	195438	44.456	ng	96
22) Acetophenone	8.68	105	264668	49.304	ng	# 97
24) Nitrobenzene	9.06	77	224574	49.197	ng	98
25) Isophorone	9.58	82	403335	48.665	ng	99
26) 2-Nitrophenol	9.78	139	93162	48.987	ng	97
27) 2,4-Dimethylphenol	9.87	122	152811	52.630	ng	98
28) bis(2-Chloroethoxy)methane	10.07	93	224838	51.934	ng	96
29) 2,4-Dichlorophenol	10.34	162	171711	50.689	ng	94
30) 1,2,4-Trichlorobenzene	10.52	180	197175	49.167	ng	99
31) Naphthalene	10.71	128	524077	49.013	ng	99
32) Benzoic acid	10.06	122	58100	34.061	ng	92
33) 4-Chloroaniline	10.84	127	42854	9.570	ng	95
34) Hexachlorobutadiene	11.00	225	141041	49.452	ng	98
35) Caprolactam	11.61	113	22548	20.569	ng	97
36) 4-Chloro-3-methylphenol	12.00	107	199707	51.059	ng	99
37) 2-Methylnaphthalene	12.33	142	400733	50.329	ng	97
38) 1-Methylnaphthalene	12.55	142	377634	50.119	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.70	216	224946	48.994	ng	97

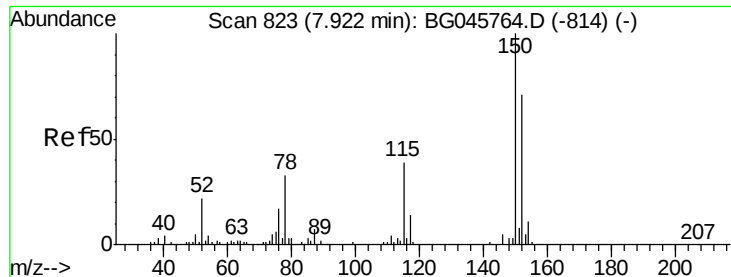
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045915.D
 Acq On : 2 Jul 2020 15:23
 Operator : CG/JU
 Sample : L3153-44MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMS

Quant Time: Jul 03 00:34:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 14:02:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.68	237	242593	94.009	ng	98
43) 2,4,6-Trichlorophenol	12.96	196	148282	47.635	ng	95
44) 2,4,5-Trichlorophenol	13.05	196	155449	43.816	ng	98
46) 1,1'-Biphenyl	13.34	154	496890	49.775	ng	98
47) 2-Chloronaphthalene	13.39	162	390407	48.414	ng	99
48) 2-Nitroaniline	13.60	65	132346	49.340	ng	92
49) Acenaphthylene	14.23	152	630614	48.823	ng	99
50) Dimethylphthalate	13.97	163	590397	54.049	ng	99
51) 2,6-Dinitrotoluene	14.09	165	123047	50.154	ng	90
52) Acenaphthene	14.58	154	385248	49.206	ng	97
53) 3-Nitroaniline	14.43	138	60101	24.525	ng	93
54) 2,4-Dinitrophenol	14.64	184	120817	87.489	ng	95
55) Dibenzofuran	14.91	168	628464	49.413	ng	100
56) 4-Nitrophenol	14.80	139	136217	77.704	ng	96
57) 2,4-Dinitrotoluene	14.89	165	176437	50.193	ng	99
58) Fluorene	15.57	166	530765	50.186	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.16	232	140283	45.558	ng	98
60) Diethylphthalate	15.34	149	569868	51.033	ng	100
61) 4-Chlorophenyl-phenylether	15.56	204	297929	48.877	ng	97
62) 4-Nitroaniline	15.60	138	122323	48.637	ng	98
63) Azobenzene	15.85	77	553062	51.582	ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	107253	51.599	ng	95
66) n-Nitrosodiphenylamine	15.78	169	473813	49.736	ng	98
67) 4-Bromophenyl-phenylether	16.45	248	205509	47.024	ng	98
68) Hexachlorobenzene	16.58	284	224783	49.601	ng	95
69) Atrazine	16.73	200	177447	48.001	ng	98
70) Pentachlorophenol	16.93	266	171209	76.928	ng	96
71) Phenanthrene	17.31	178	868182	50.049	ng	99
72) Anthracene	17.40	178	876249	50.727	ng	99
73) Carbazole	17.67	167	830181	50.474	ng	99
74) Di-n-butylphthalate	18.23	149	1007367	51.727	ng	98
75) Fluoranthene	19.32	202	1115171	52.281	ng	99
77) Benzidine	19.51	184	103042	11.795	ng	98
78) Pyrene	19.68	202	1102037	48.974	ng	99
80) Butylbenzylphthalate	20.58	149	459431	48.777	ng	98
81) Benzo(a)anthracene	21.50	228	1070307	49.126	ng	99
82) 3,3'-Dichlorobenzidine	21.42	252	264563	32.103	ng	97
83) Chrysene	21.56	228	1038746	49.293	ng	99
84) Bis(2-ethylhexyl)phthalate	21.42	149	664588	50.726	ng	99
85) Di-n-octyl phthalate	22.57	149	1129981	50.001	ng	100
87) Indeno(1,2,3-cd)pyrene	28.11	276	1375395	54.257	ng	# 97
88) Benzo(b)fluoranthene	23.62	252	1195167	54.514	ng	100
89) Benzo(k)fluoranthene	23.69	252	1103256	52.579	ng	99
90) Benzo(a)pyrene	24.45	252	1078638	52.668	ng	98
91) Dibenzo(a,h)anthracene	28.16	278	1123313	55.260	ng	98
92) Benzo(g,h,i)perylene	29.19	276	1124440	55.265	ng	99

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

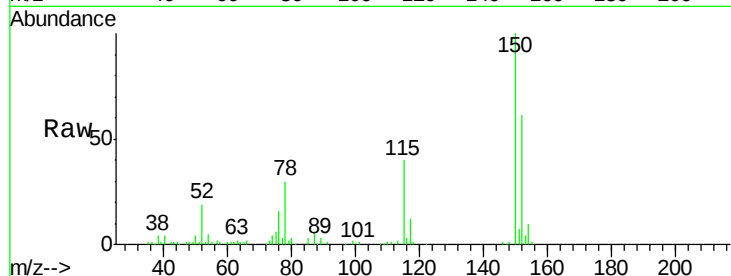


#1

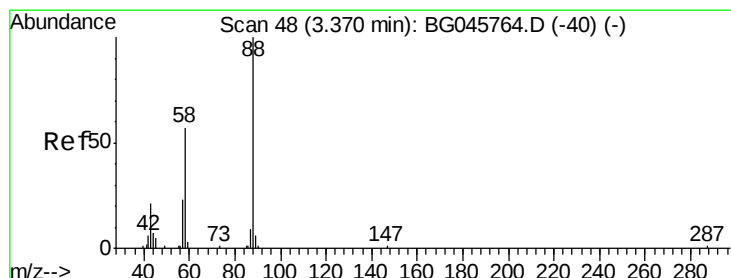
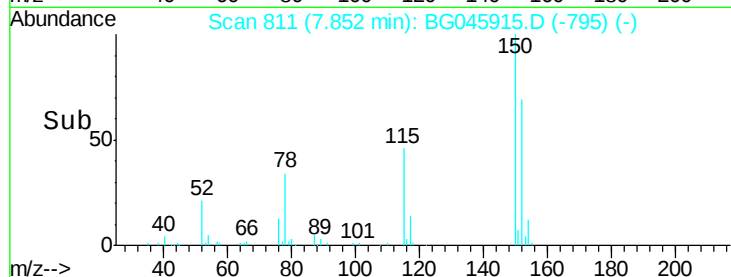
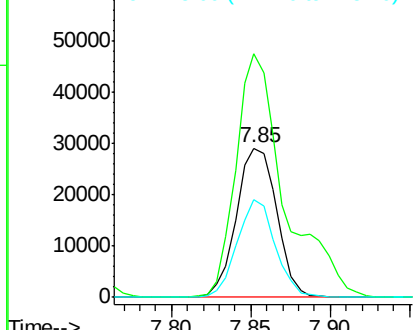
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Instrument :
BNA_G
ClientSampleId :
SP2-LMS

Tot Ion:152 Resp: 51481
Ion Ratio Lower Upper
152 100
150 163.1 124.5 186.7
115 65.8 45.8 68.8



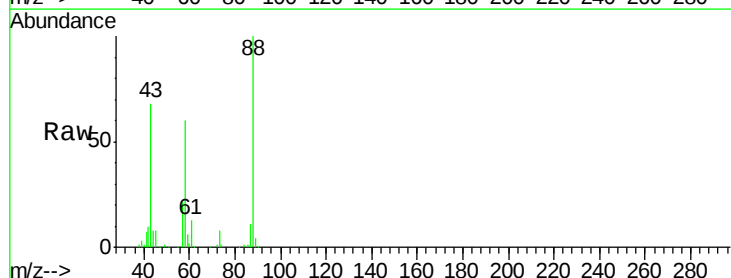
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



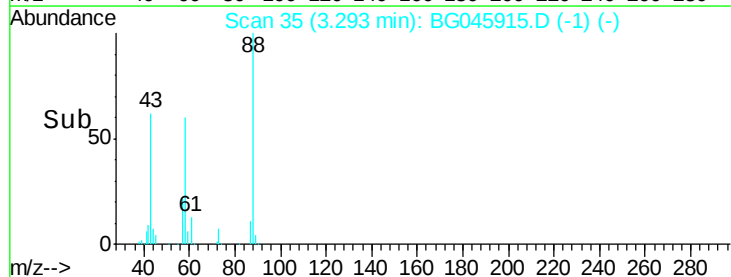
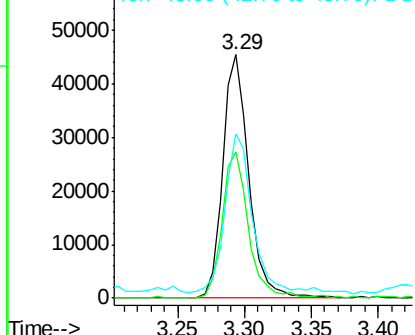
#2

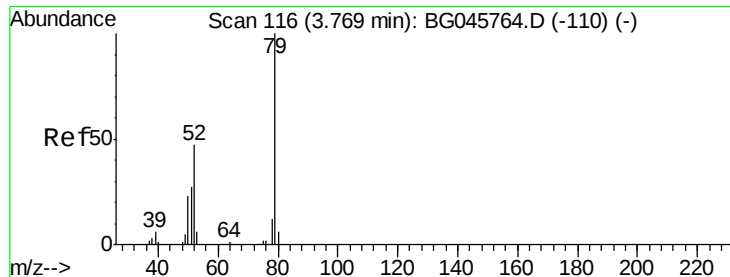
1,4-Dioxane
Concen: 44.717 ng
RT: 3.29 min Scan# 35
Delta R.T. 0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion: 88 Resp: 62417
Ion Ratio Lower Upper
88 100
58 60.4 47.1 70.7
43 70.3 19.4 29.2#



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: 33.071 ng

RT: 3.70 min Scan# 105

Delta R.T. 0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

ClientSampled :

SP2-LMS

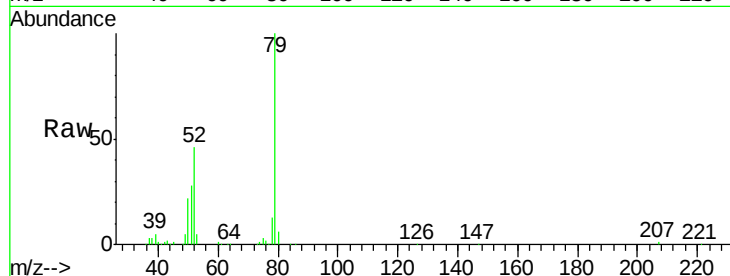
Tot Ion: 79 Resp: 136788

Ion Ratio Lower Upper

79 100

52 45.8 41.0 61.4

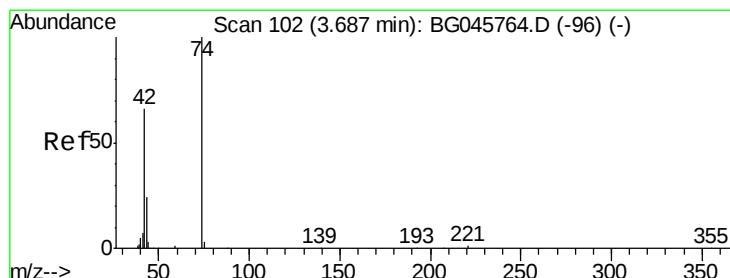
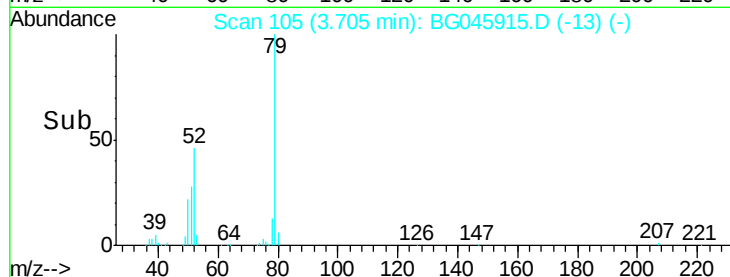
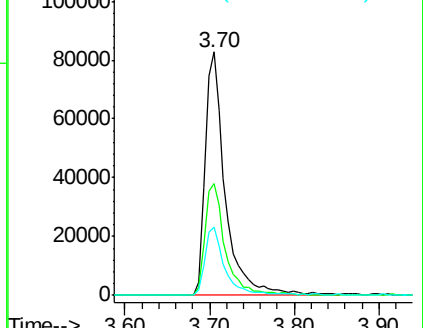
51 27.9 23.0 34.4



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: 52.805 ng

RT: 3.60 min Scan# 88

Delta R.T. -0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

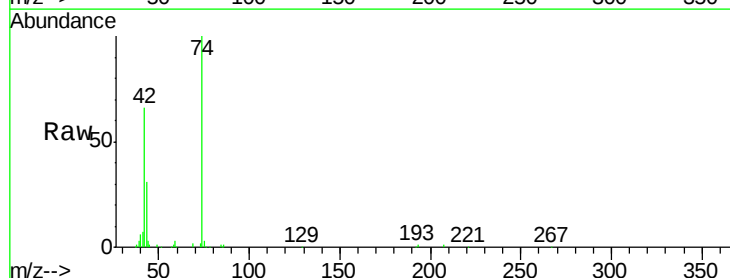
Tgt Ion: 42 Resp: 73314

Ion Ratio Lower Upper

42 100

74 150.8 127.8 191.6

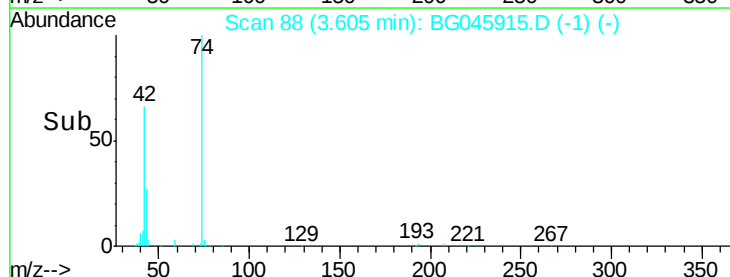
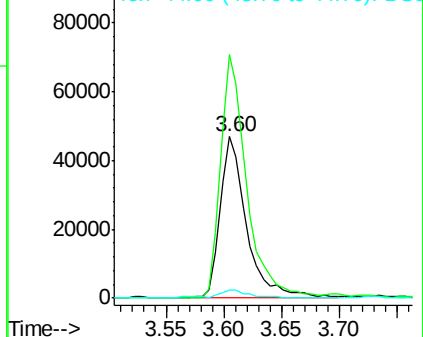
44 4.6 4.1 6.1



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: 137.858 ng

RT: 5.46 min Scan# 403

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

ClientSampleId :

SP2-LMS

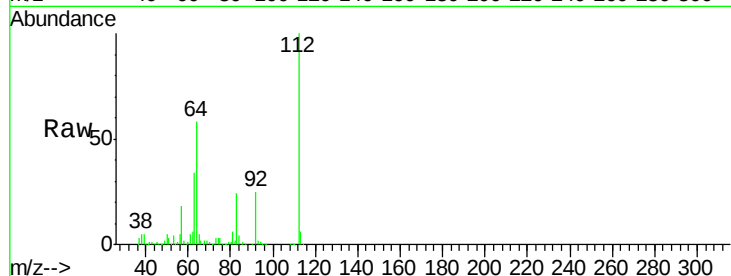
Tot Ion:112 Resp: 420136

Ion Ratio Lower Upper

112 100

64 58.4 44.9 67.3

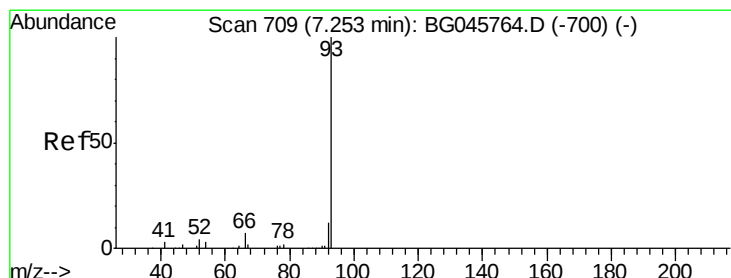
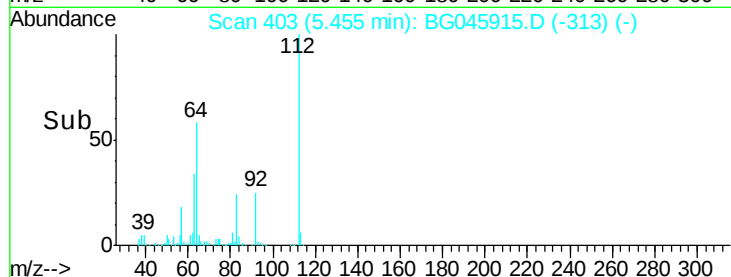
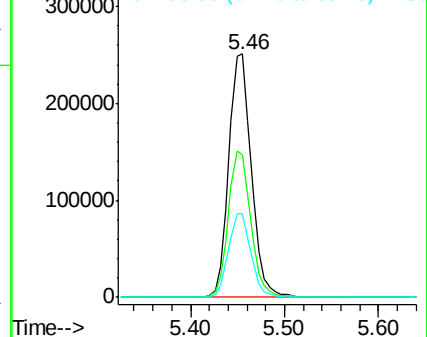
63 34.3 26.9 40.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 25.336 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

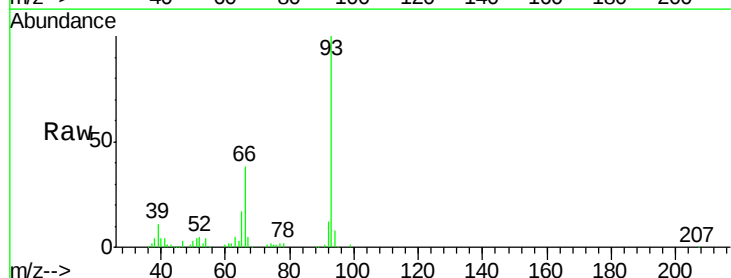
Tgt Ion: 93 Resp: 138292

Ion Ratio Lower Upper

93 100

66 38.3 30.4 45.6

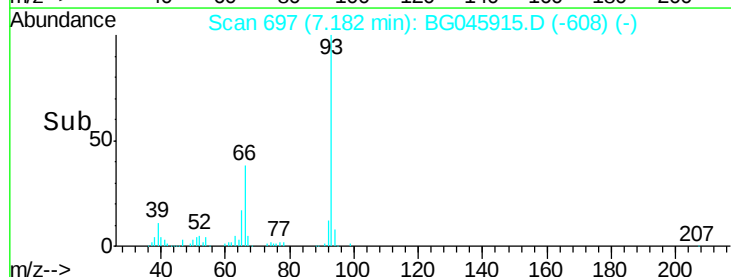
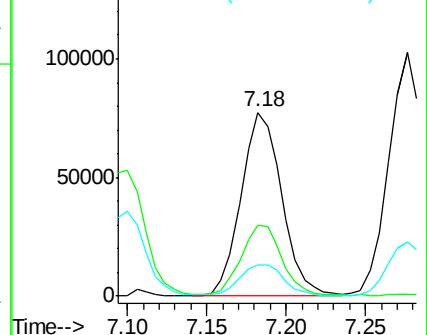
65 17.0 16.2 24.2

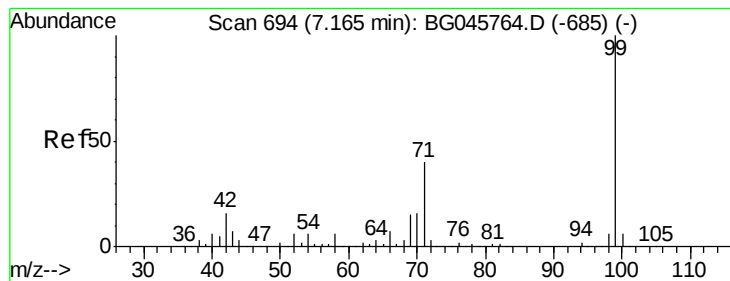


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 118.389 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

ClientSampleId :

SP2-LMS

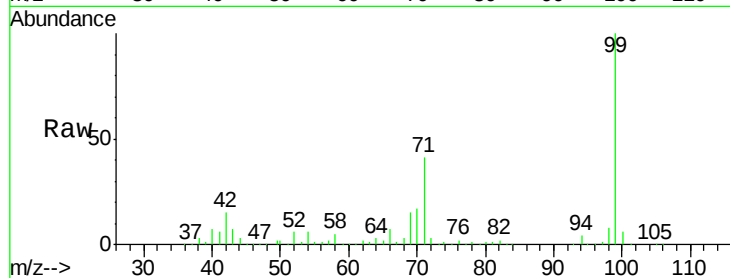
Tot Ion: 99 Resp: 548809

Ion Ratio Lower Upper

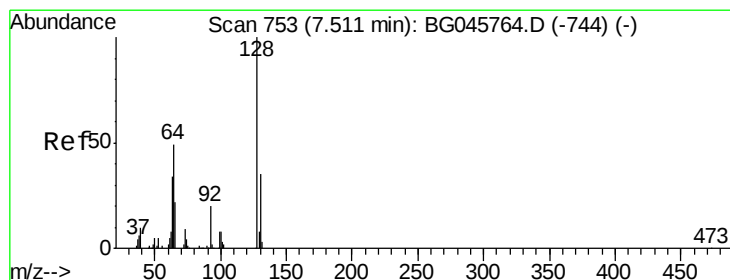
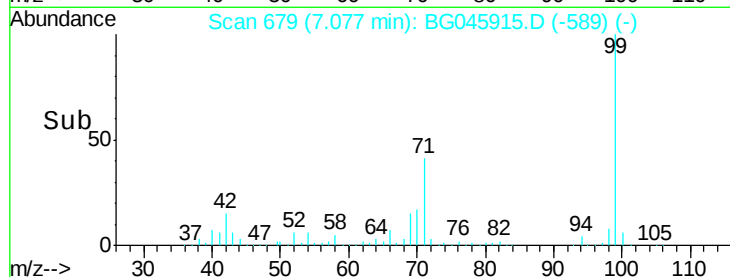
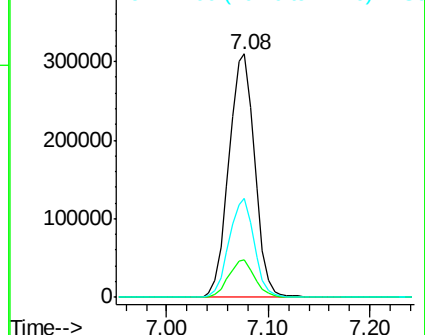
99 100

42 15.4 11.8 17.8

71 40.6 31.0 46.6



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: 51.150 ng

RT: 7.43 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

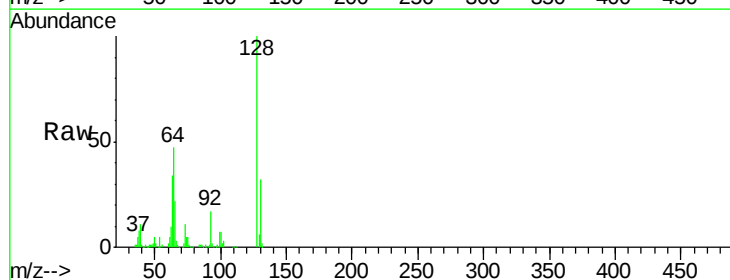
Tgt Ion:128 Resp: 166857

Ion Ratio Lower Upper

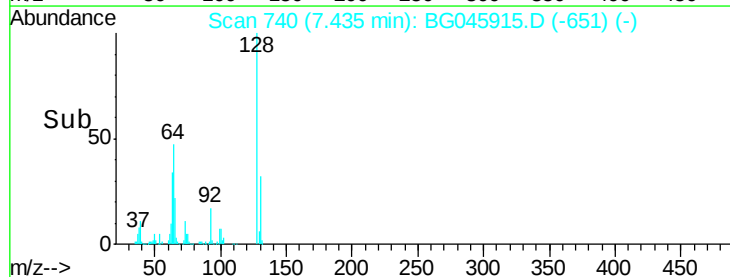
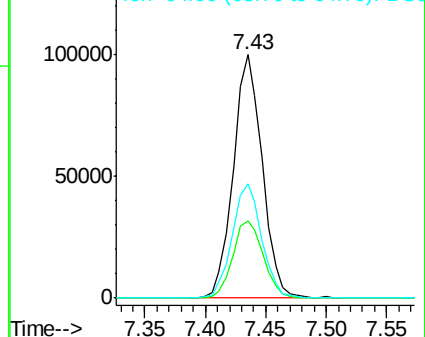
128 100

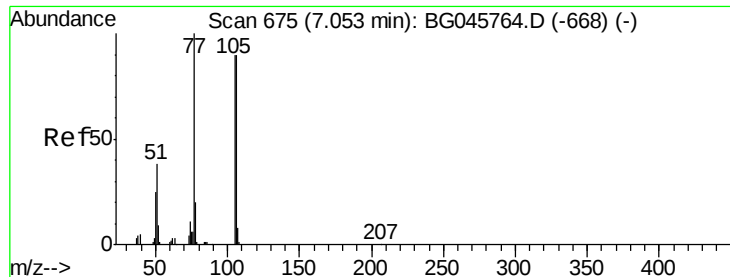
130 31.6 13.7 53.7

64 47.2 26.7 66.7



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





#9

Benzaldehyde

Concen: 12.908 ng

RT: 6.99 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

ClientSampleId :

SP2-LMS

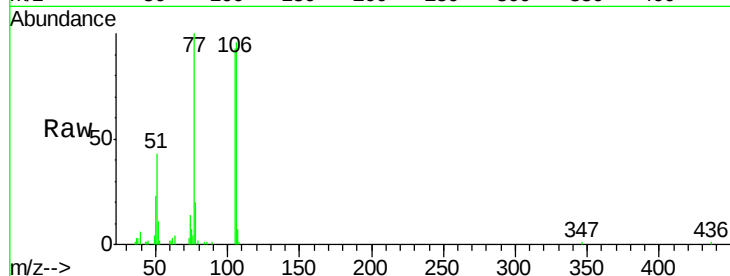
Tot Ion: 77 Resp: 35940

Ion Ratio Lower Upper

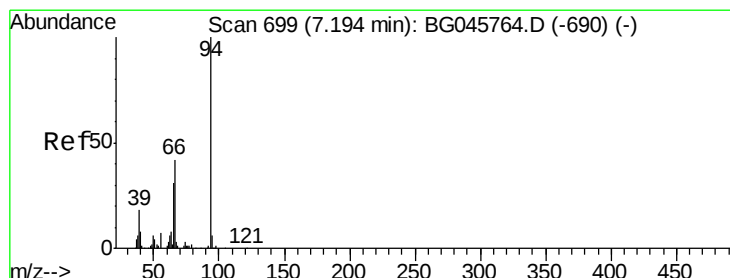
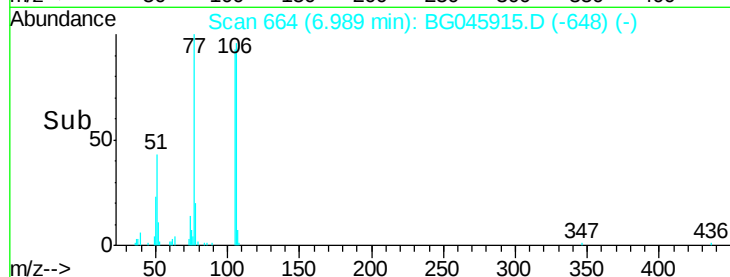
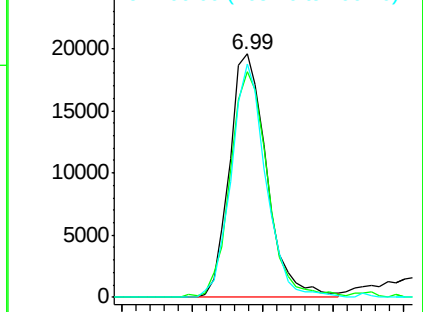
77 100

105 92.8 69.6 109.6

106 95.7 69.9 109.9



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



#10

Phenol

Concen: 43.490 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

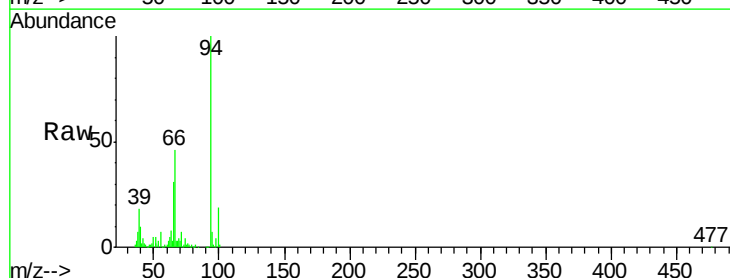
Tgt Ion: 94 Resp: 195342

Ion Ratio Lower Upper

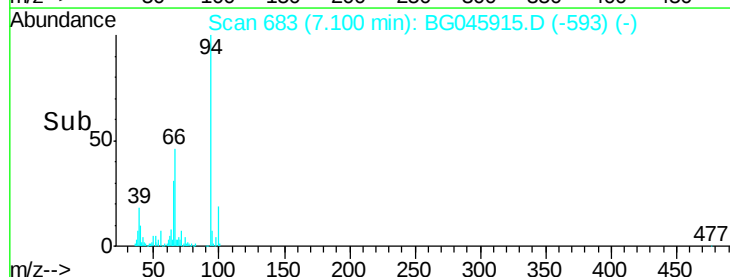
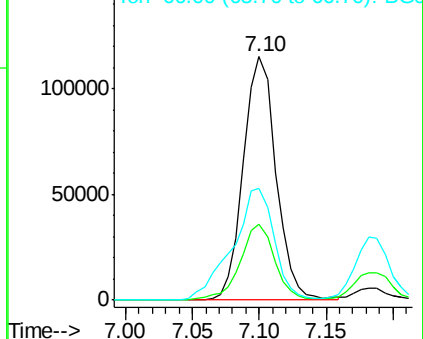
94 100

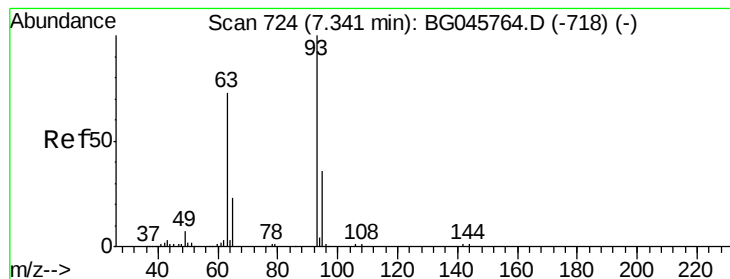
65 31.3 9.4 49.4

66 46.0 24.6 64.6



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





#11

bis(2-Chloroethyl)ether

Concen: 47.125 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

ClientSampled :

SP2-LMS

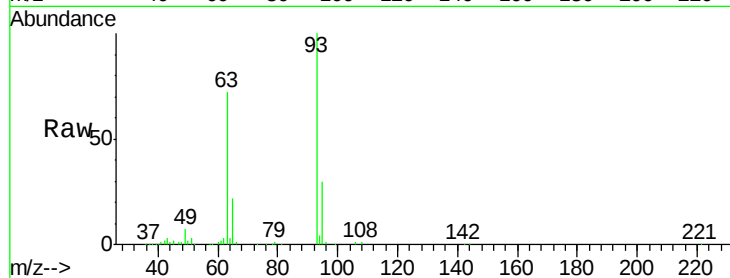
Tot Ion: 93 Resp: 160774

Ion Ratio Lower Upper

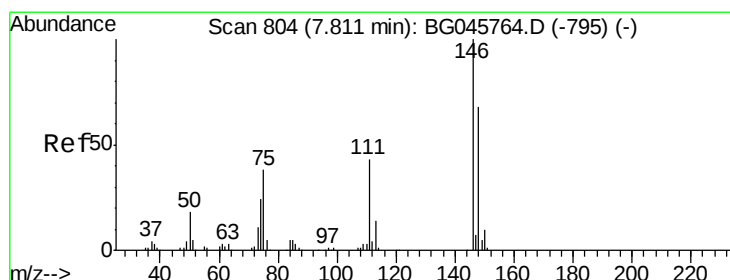
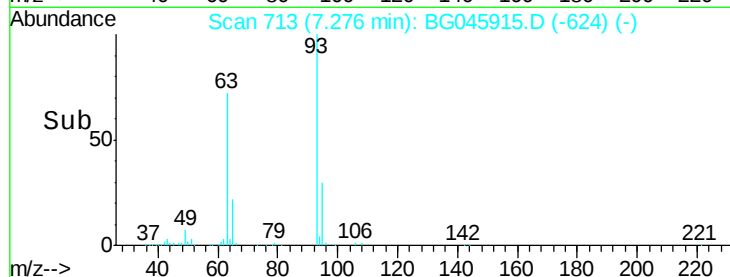
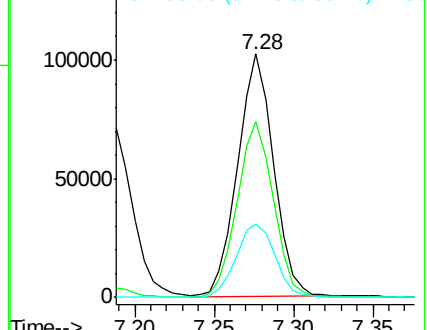
93 100

63 72.1 52.8 92.8

95 30.3 13.0 53.0



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: 49.387 ng

RT: 7.74 min Scan# 792

Delta R.T. -0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

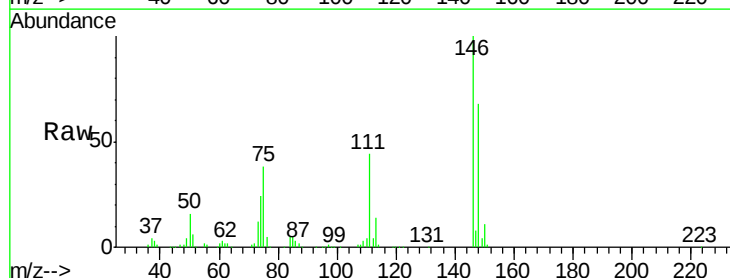
Tgt Ion: 146 Resp: 191989

Ion Ratio Lower Upper

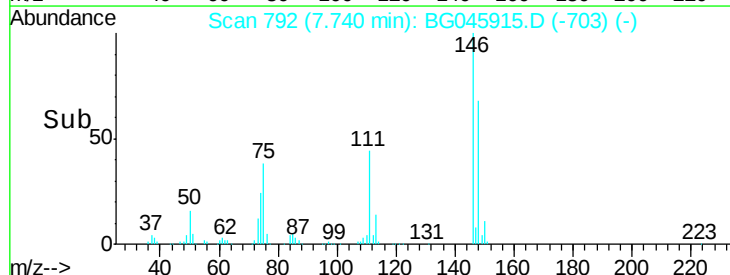
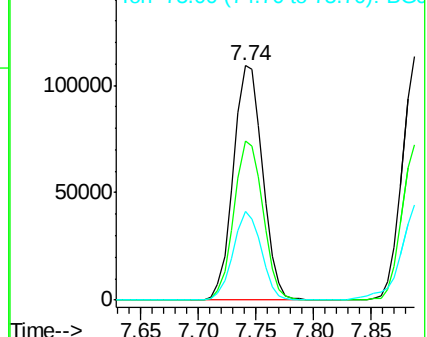
146 100

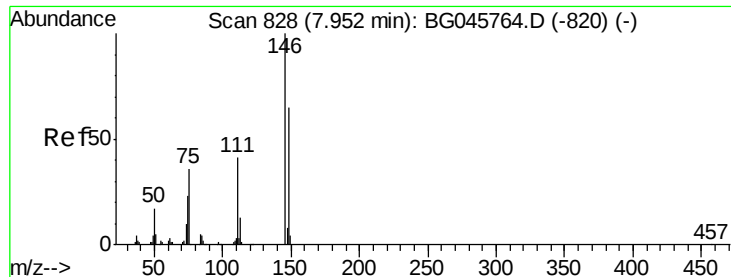
148 67.7 55.1 82.7

75 37.6 31.4 47.0



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

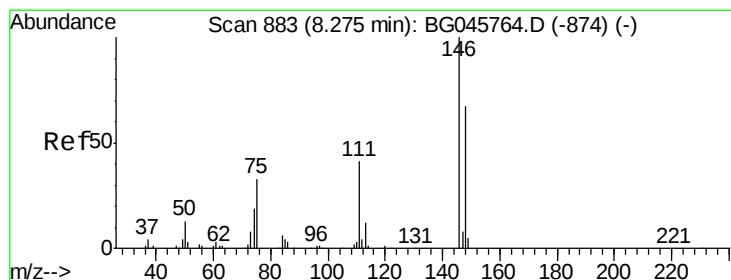
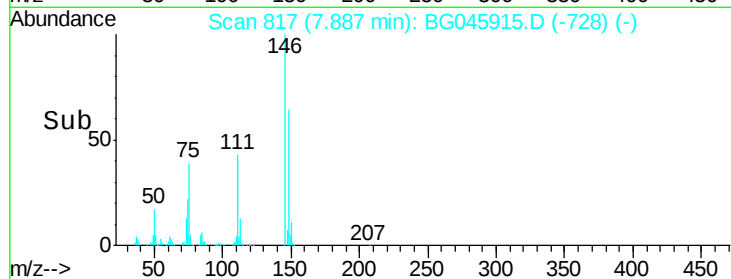
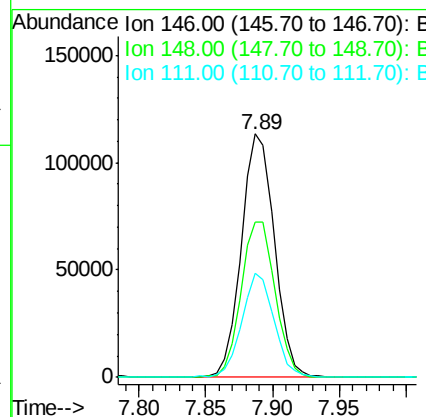
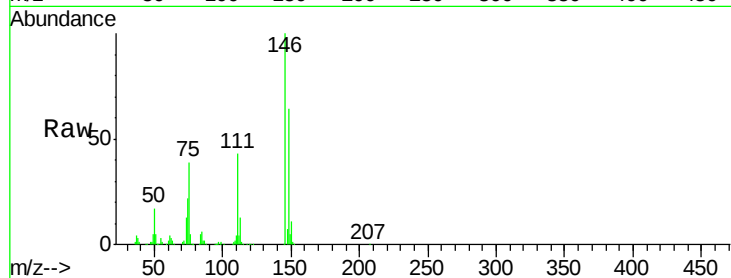




#13
 1,4-Dichlorobenzene
 Concen: 50.031 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

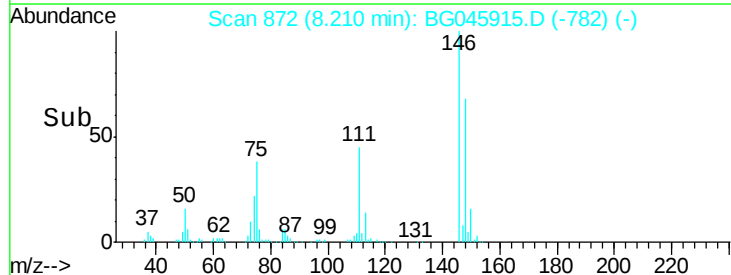
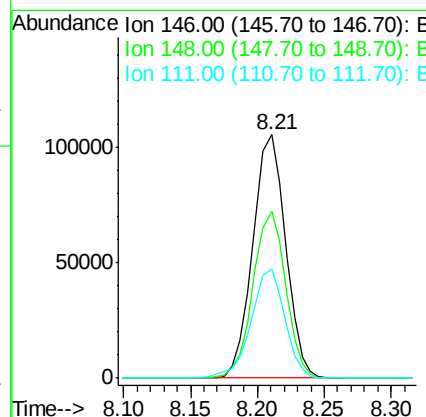
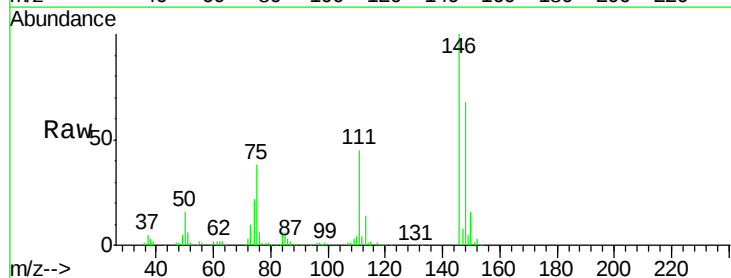
Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMS

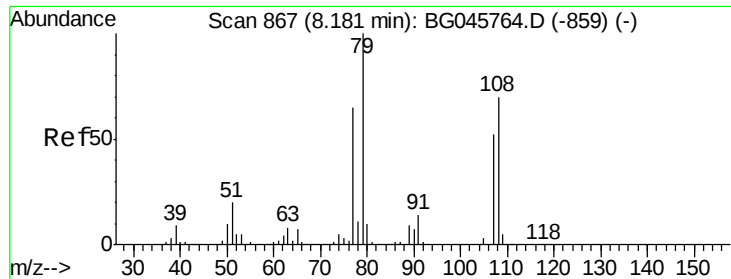
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	54.2	81.4
111	42.8	35.1	52.7



#14
 1,2-Dichlorobenzene
 Concen: 48.198 ng
 RT: 8.21 min Scan# 872
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.4	53.3	79.9
111	44.7	34.4	51.6





#15

Benzyl Alcohol

Concen: 50.276 ng

RT: 8.11 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

ClientSampled :

SP2-LMS

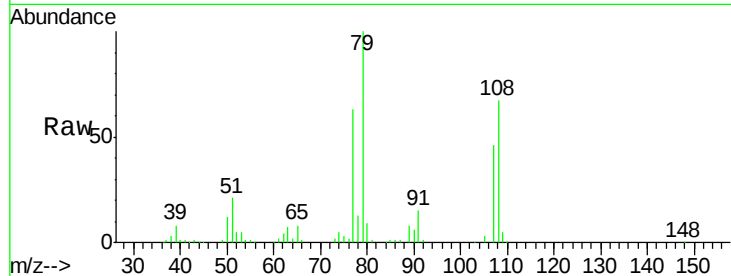
Tot Ion: 79 Resp: 180356

Ion Ratio Lower Upper

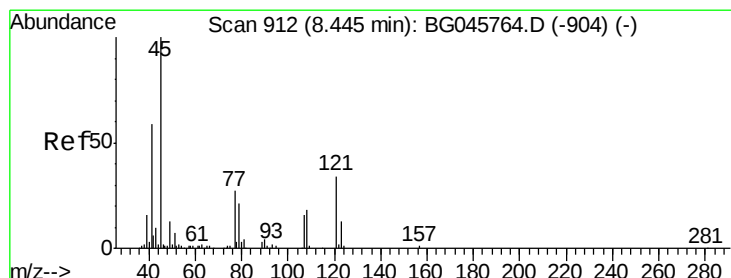
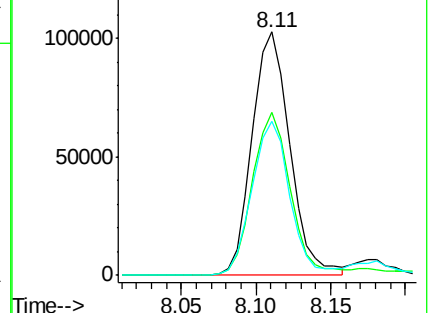
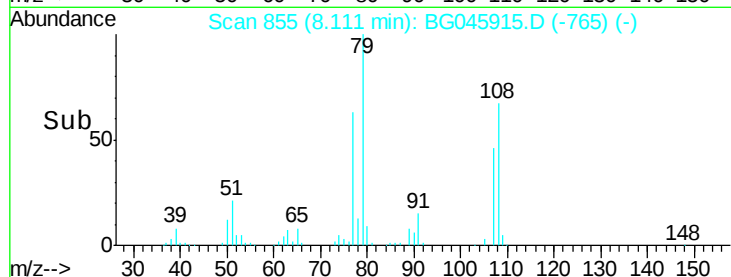
79 100

108 66.7 50.7 76.1

77 63.3 50.4 75.6



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.822 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

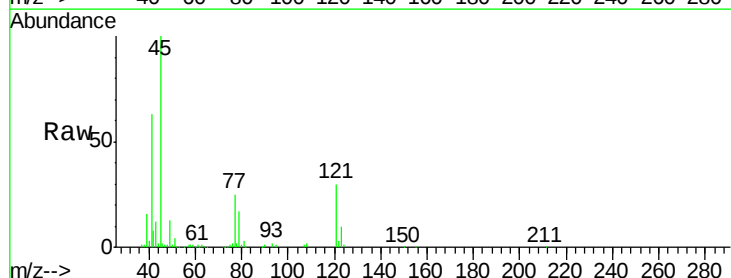
Tgt Ion: 45 Resp: 153766

Ion Ratio Lower Upper

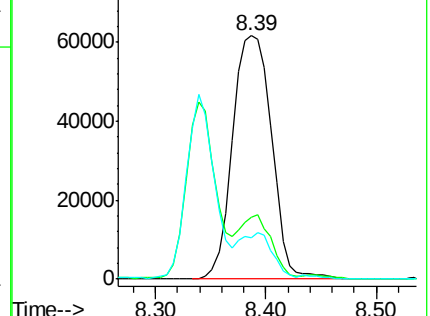
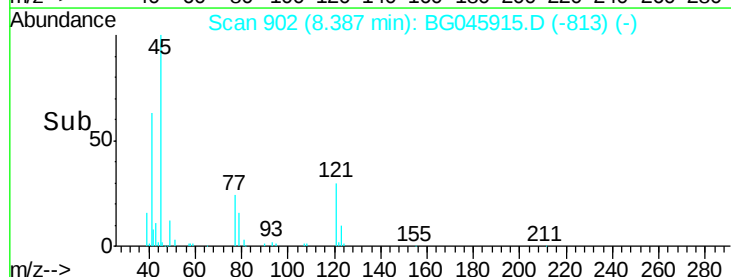
45 100

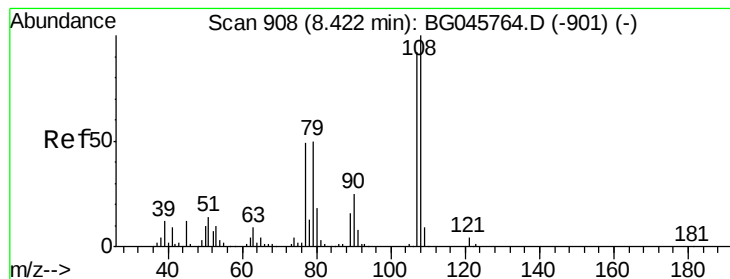
77 25.2 4.1 44.1

79 17.1 0.0 38.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 43.680 ng

RT: 8.34 min Scan# 894

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

ClientSampled :

SP2-LMS

Tot Ion:107 Resp: 146008

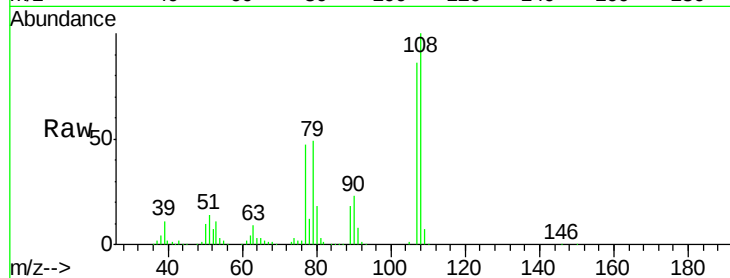
Ion Ratio Lower Upper

107 100

108 116.3 87.1 130.7

77 54.1 43.7 65.5

79 56.8 42.5 63.7

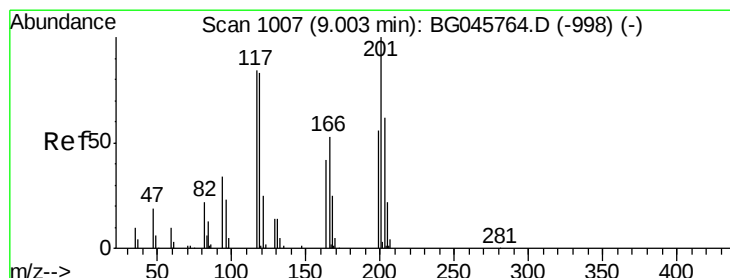
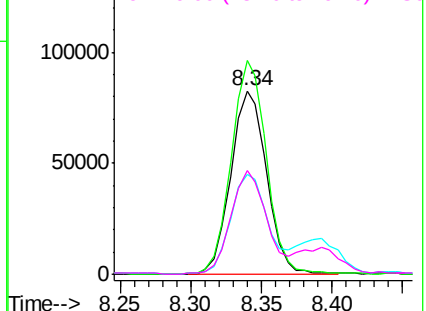
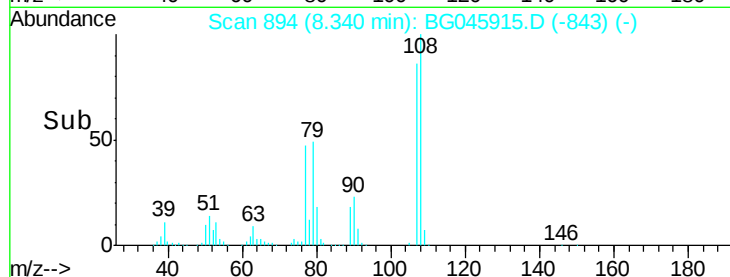


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 51.151 ng

RT: 8.94 min Scan# 996

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

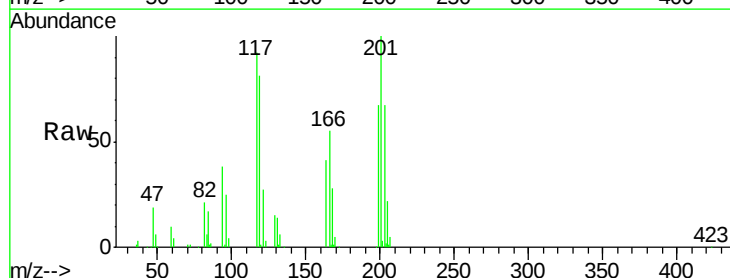
Tgt Ion:117 Resp: 75435

Ion Ratio Lower Upper

117 100

119 87.9 74.6 111.8

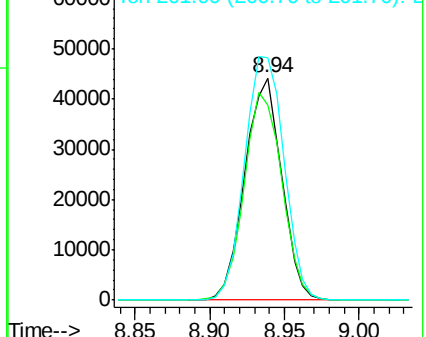
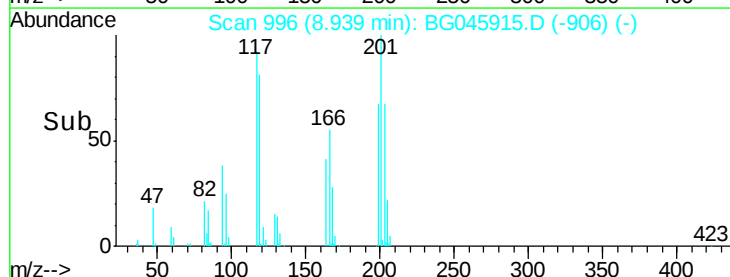
201 108.9 94.6 141.8

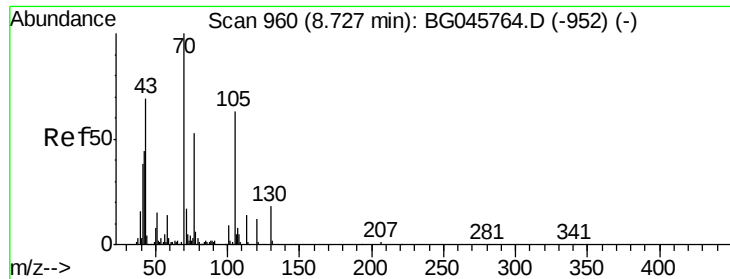


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

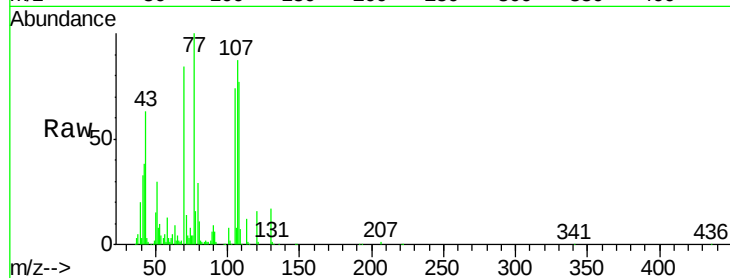




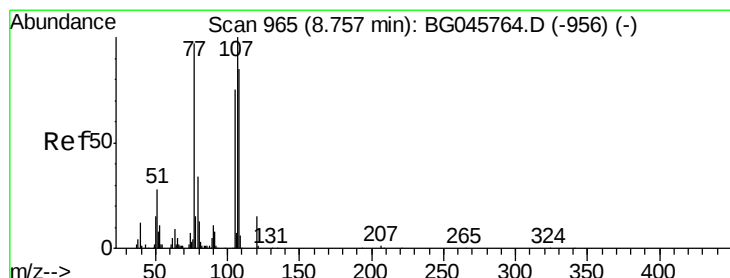
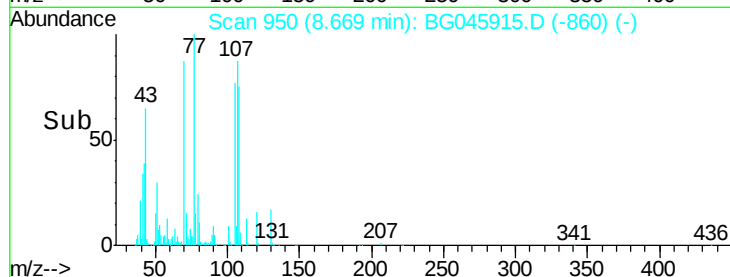
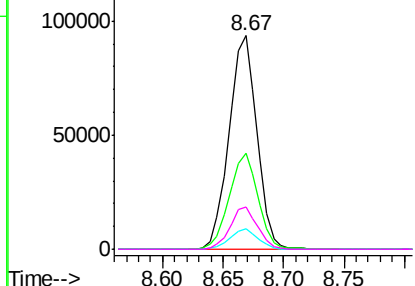
#19
n-Nitroso-di-n-propylamine
Concen: 49.393 ng
RT: 8.67 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Instrument :
BNA_G
ClientSampleId :
SP2-LMS

Tot Ion: 70 Resp: 150533
Ion Ratio Lower Upper
70 100
42 45.1 35.6 53.4
101 9.9 6.6 10.0
130 19.7 14.8 22.2



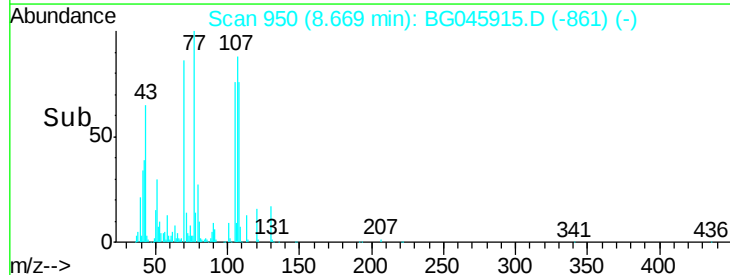
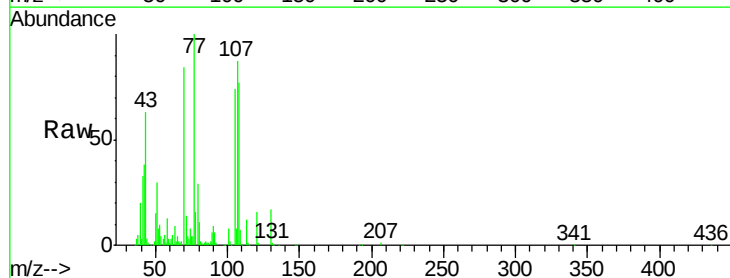
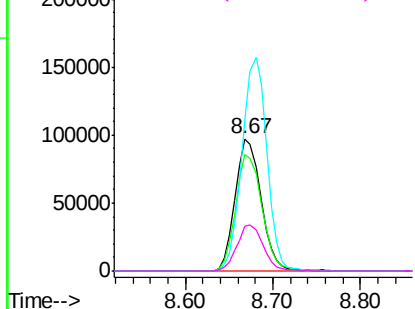
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

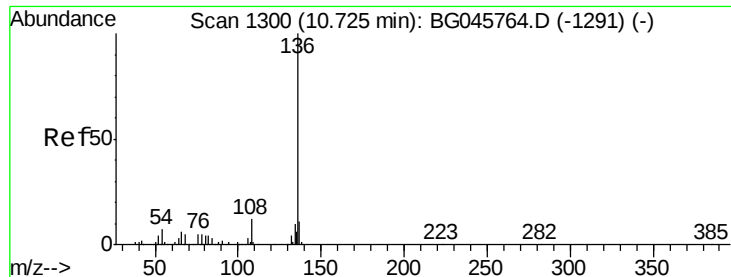


#20
3+4-Methylphenols
Concen: 44.456 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion: 107 Resp: 195438
Ion Ratio Lower Upper
107 100
108 88.0 69.4 109.4
77 114.4 101.0 141.0
79 33.6 14.4 54.4

Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

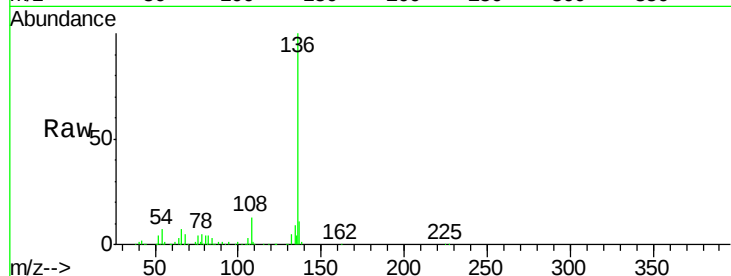




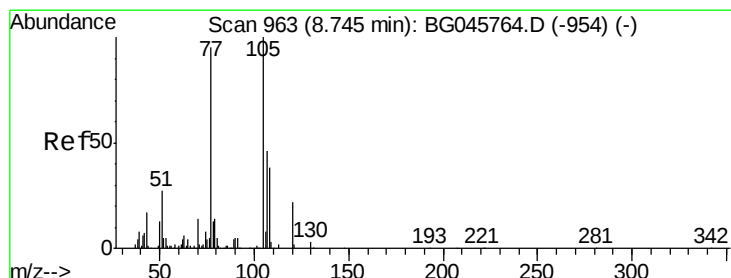
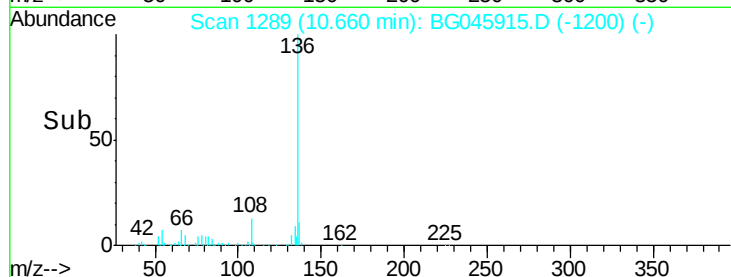
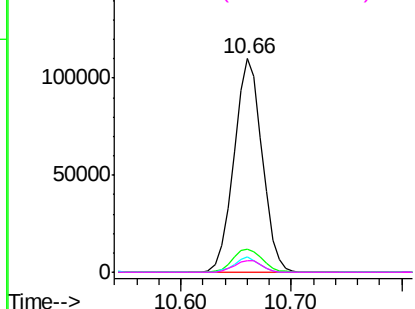
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Instrument :
BNA_G
ClientSampleId :
SP2-LMS

Tot Ion:136	Resp:	195580
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.2	12.4
54 7.2	4.6	7.0#
68 5.2	5.0	7.4

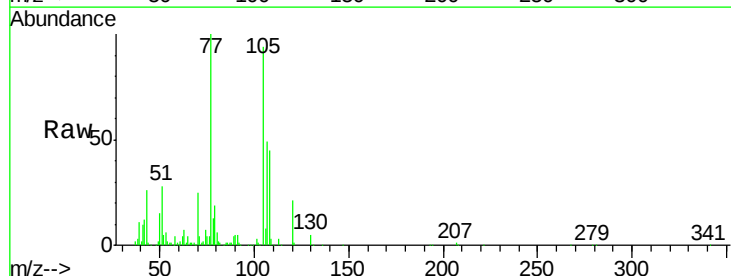


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

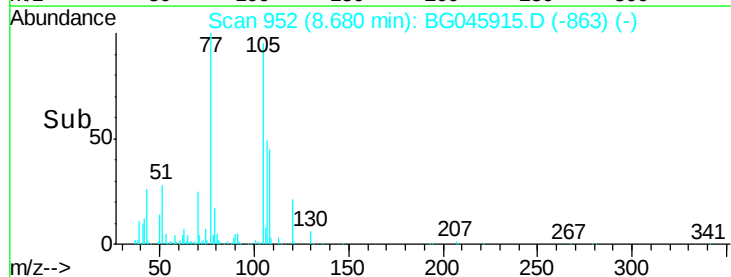
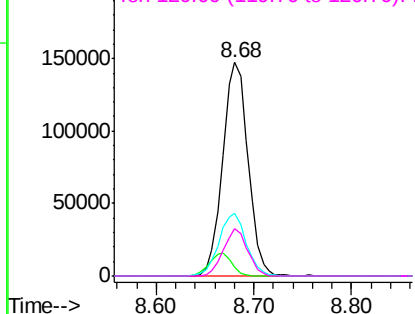


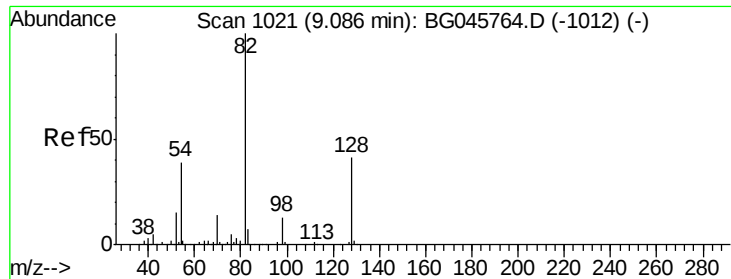
#22
Acetophenone
Concen: 49.304 ng
RT: 8.68 min Scan# 952
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt	Ion:105	Resp:	264668
Ion	Ratio	Lower	Upper
105	100		
71	4.1	2.2	3.4#
51	29.7	24.4	36.6
120	22.3	16.0	24.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

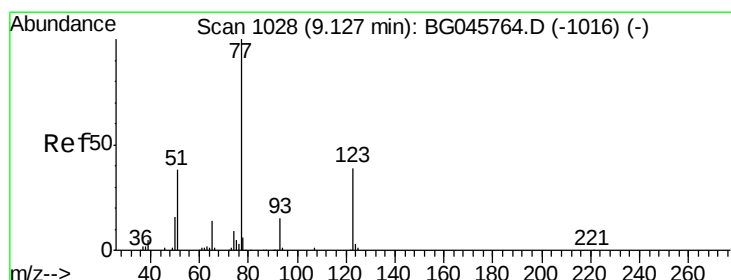
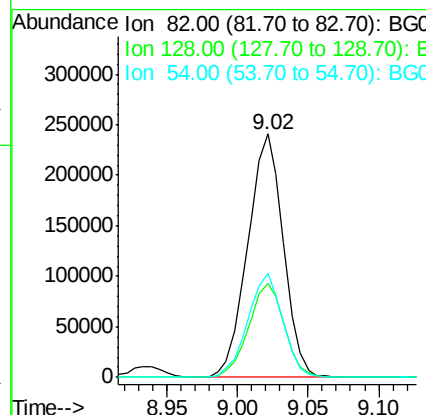
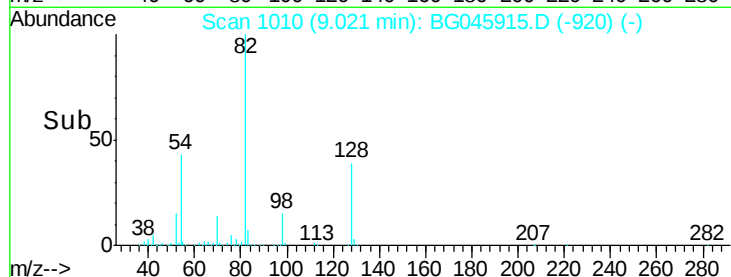
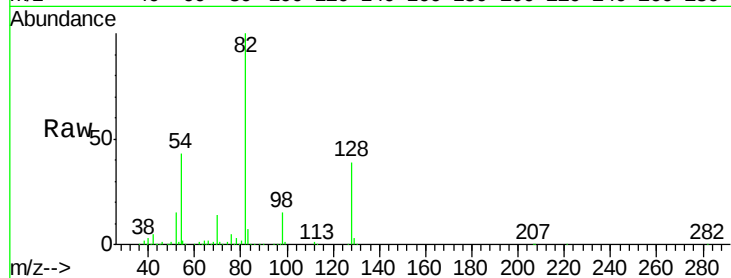




#23
 Nitrobenzene-d5
 Concen: 99.326 ng
 RT: 9.02 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

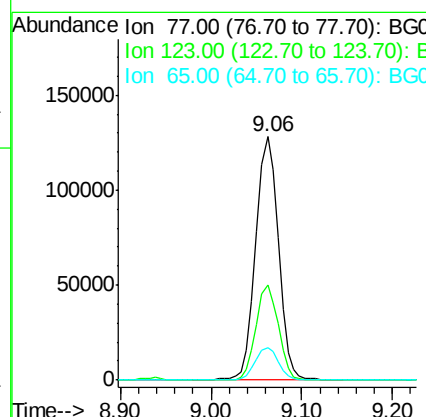
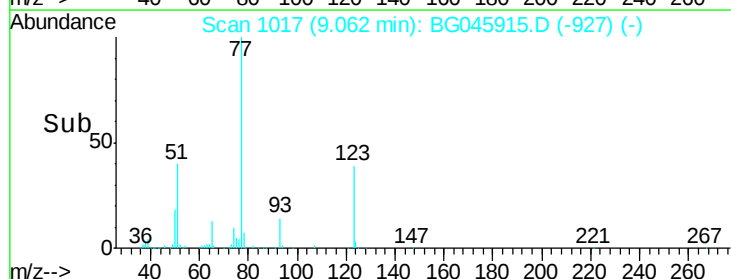
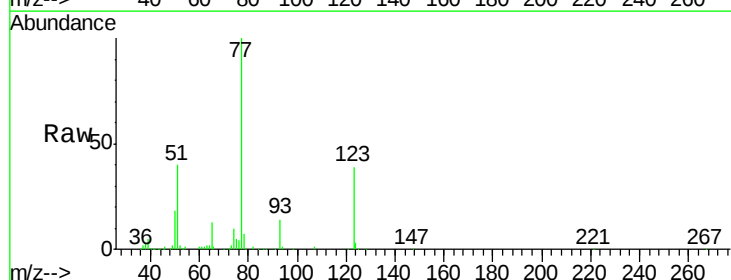
Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMS

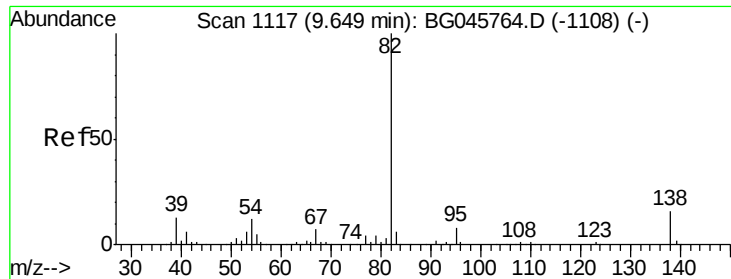
Tot Ion: 82 Resp: 425235
 Ion Ratio Lower Upper
 82 100
 128 38.7 29.9 44.9
 54 42.7 33.3 49.9



#24
 Nitrobenzene
 Concen: 49.197 ng
 RT: 9.06 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Tgt Ion: 77 Resp: 224574
 Ion Ratio Lower Upper
 77 100
 123 39.1 30.3 45.5
 65 13.2 11.0 16.6

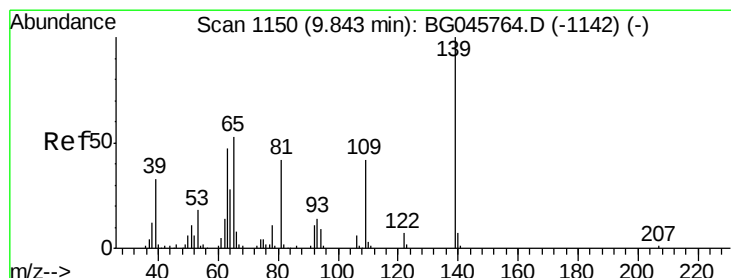
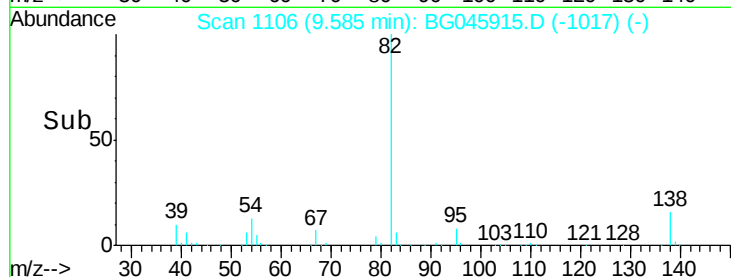
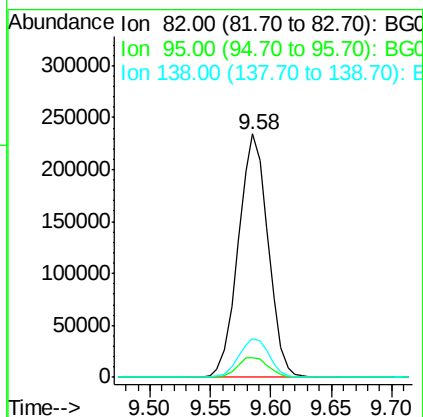
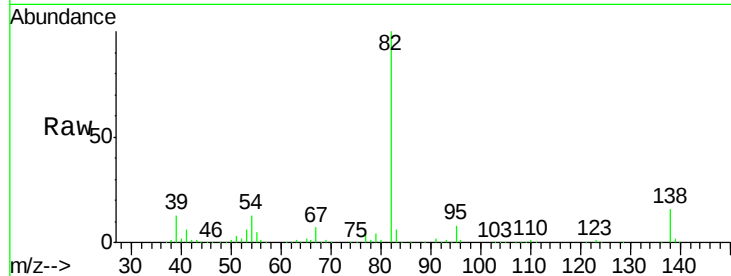




#25
Isophorone
Concen: 48.665 ng
RT: 9.58 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

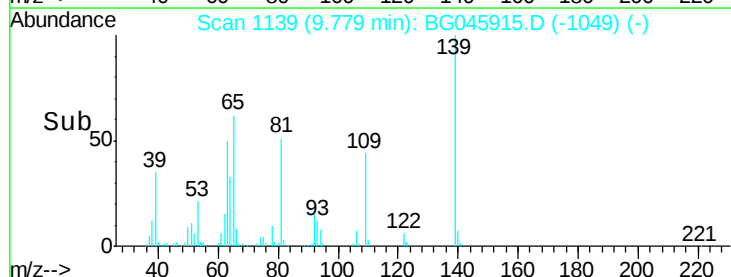
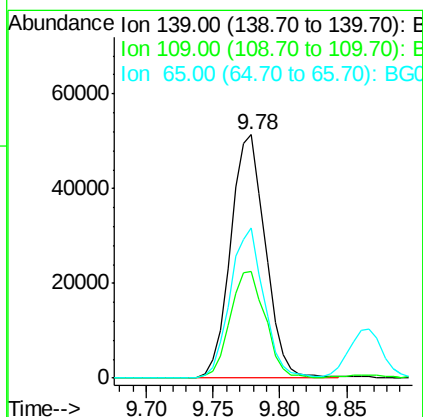
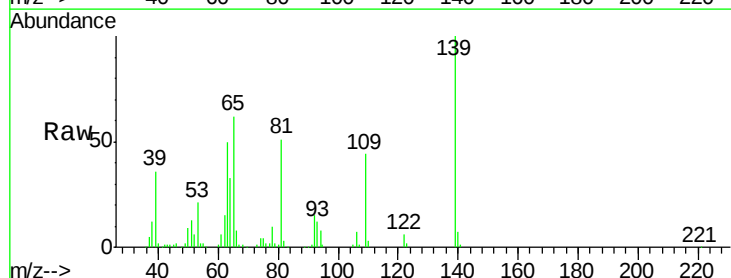
Instrument :
BNA_G
ClientSampleId :
SP2-LMS

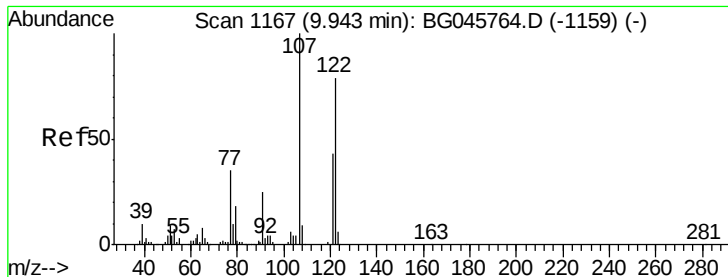
Tot Ion: 82 Resp: 403335
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 16.2 12.4 18.6



#26
2-Nitrophenol
Concen: 48.987 ng
RT: 9.78 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion: 139 Resp: 93162
Ion Ratio Lower Upper
139 100
109 44.0 34.2 51.4
65 61.9 47.6 71.4

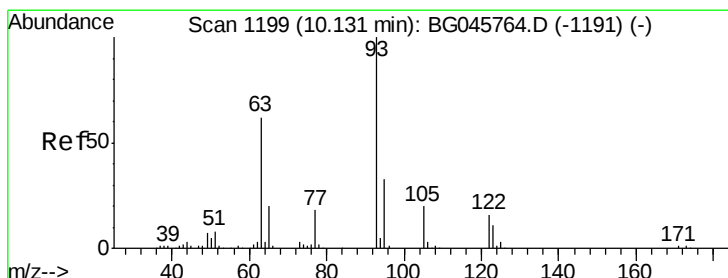
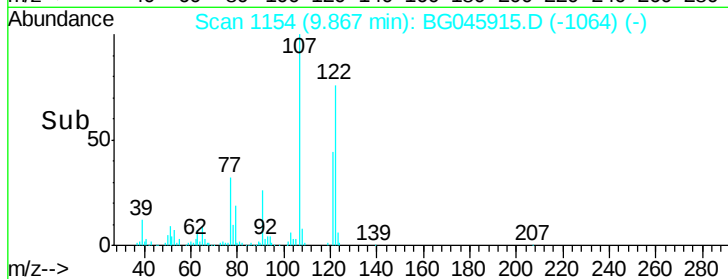
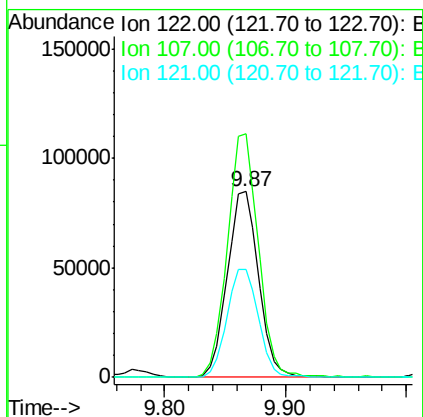
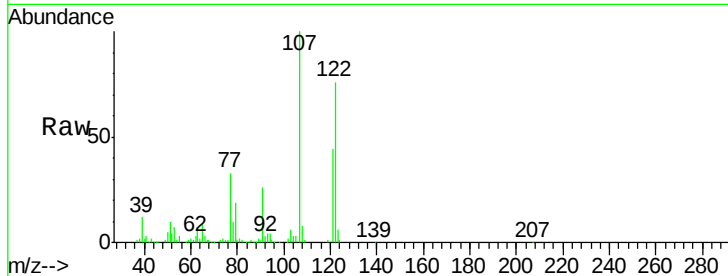




#27
 2,4-Dimethylphenol
 Concen: 52.630 ng
 RT: 9.87 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

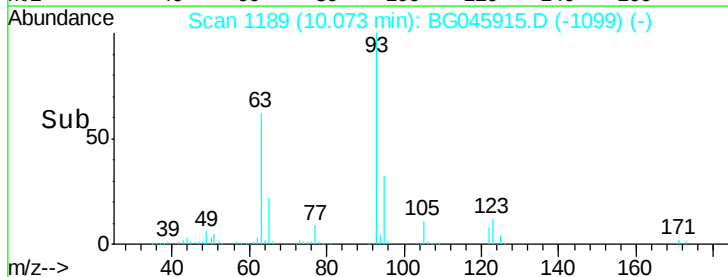
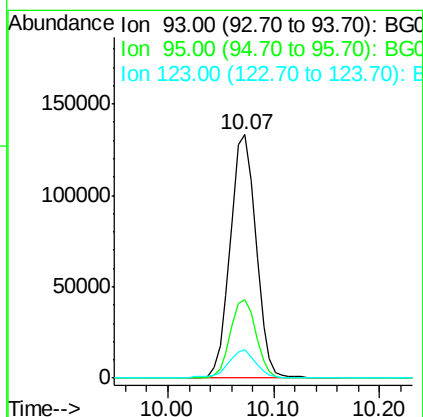
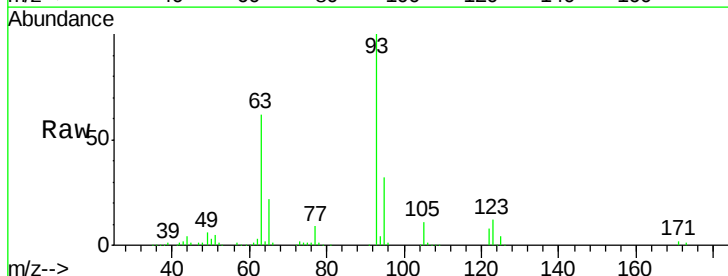
Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	131.1	106.1	159.1
121	58.1	49.0	73.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.934 ng
 RT: 10.07 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	28.2	42.2
123	11.6	9.2	13.8

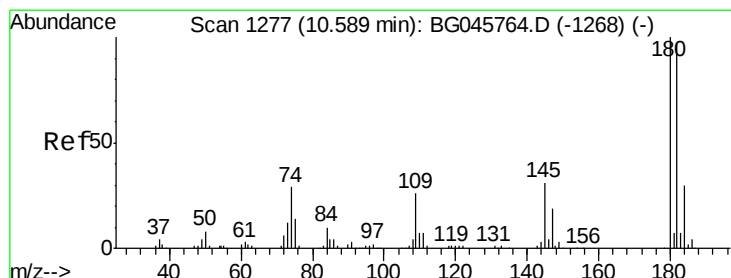
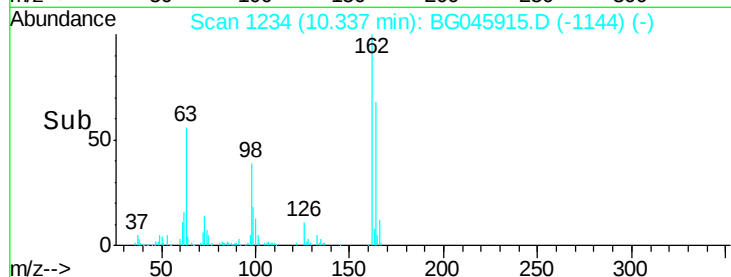
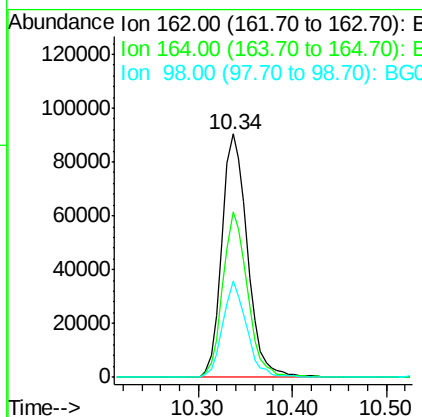
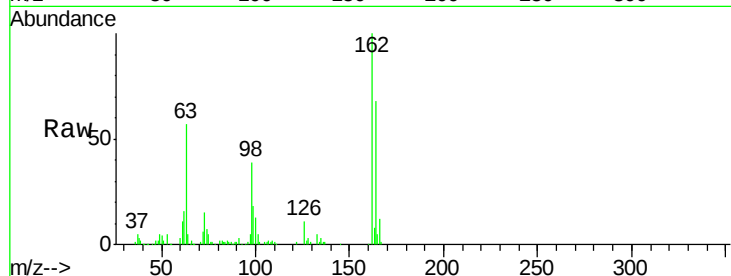




#29
 2,4-Dichlorophenol
 Concen: 50.689 ng
 RT: 10.34 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

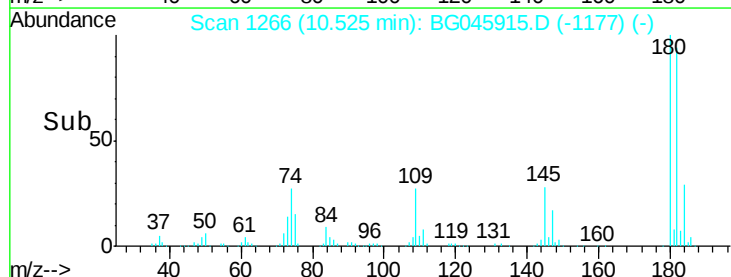
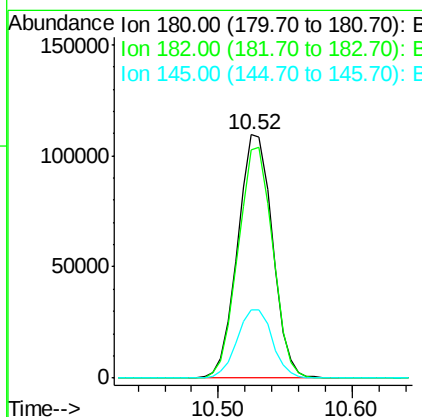
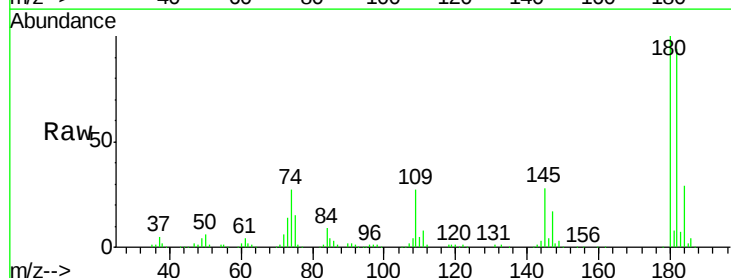
Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMS

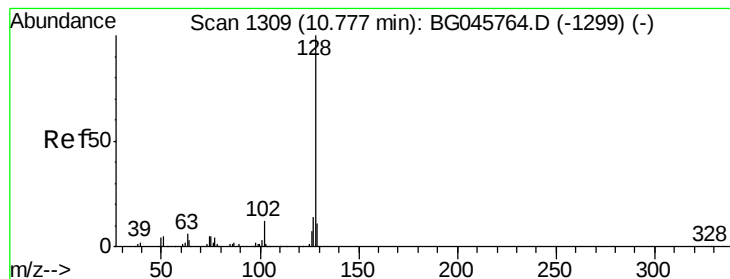
Tot Ion:162 Resp: 171711
 Ion Ratio Lower Upper
 162 100
 164 67.8 41.9 81.9
 98 39.4 17.1 57.1



#30
 1,2,4-Trichlorobenzene
 Concen: 49.167 ng
 RT: 10.52 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Tgt Ion:180 Resp: 197175
 Ion Ratio Lower Upper
 180 100
 182 93.6 75.8 113.6
 145 28.1 22.7 34.1





#31

Naphthalene

Concen: 49.013 ng

RT: 10.71 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

ClientSampleId :

SP2-LMS

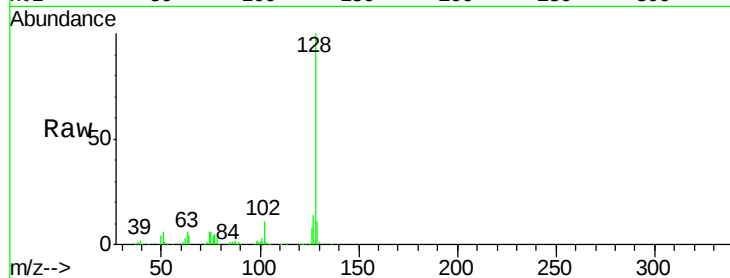
Tot Ion:128 Resp: 524077

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

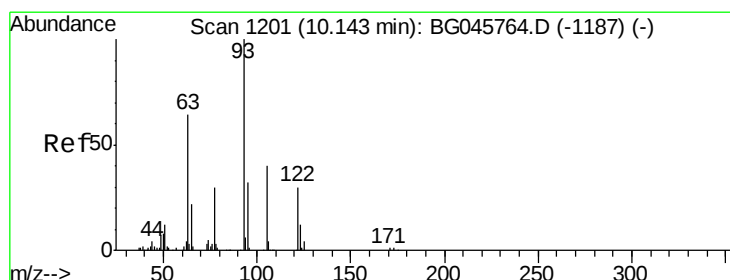
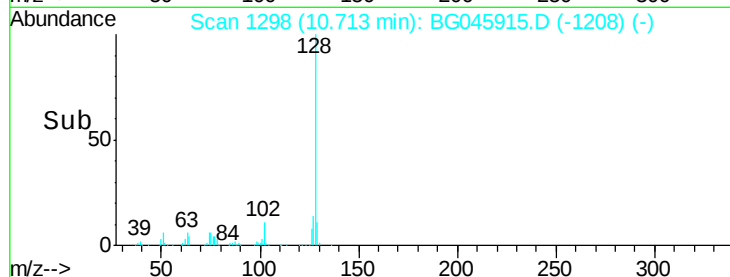
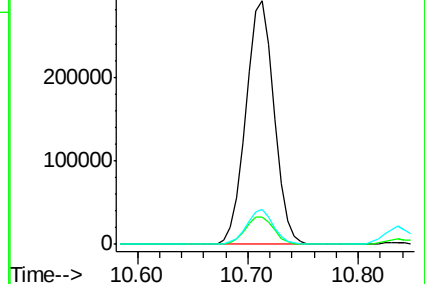
127 14.3 10.8 16.2



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: 34.061 ng

RT: 10.06 min Scan# 1187

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

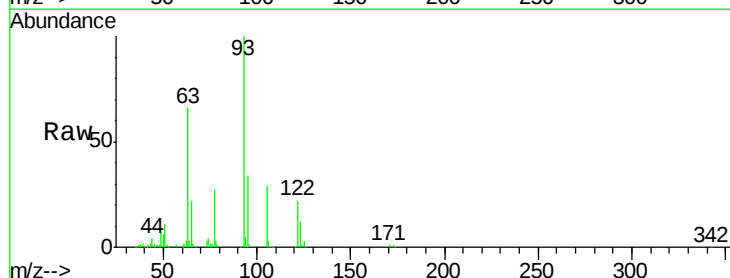
Tgt Ion:122 Resp: 58100

Ion Ratio Lower Upper

122 100

105 132.9 123.1 163.1

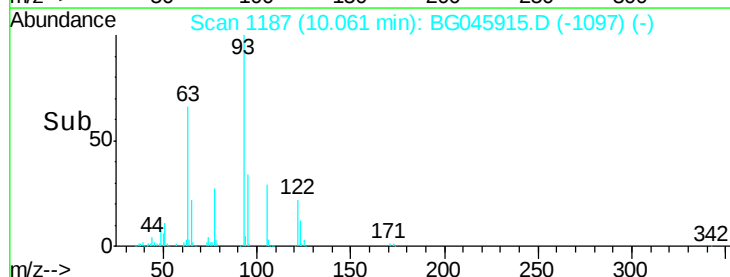
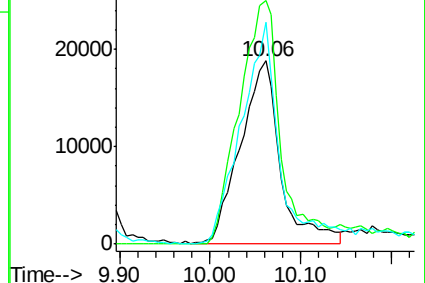
77 121.1 93.9 133.9

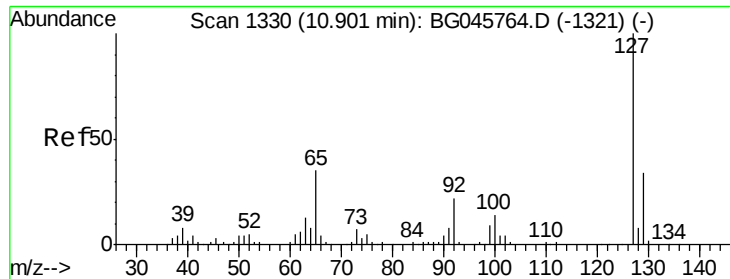


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

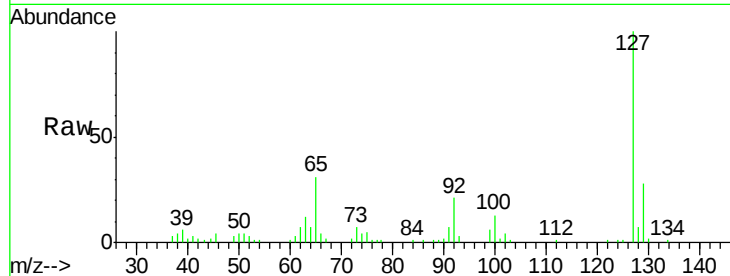




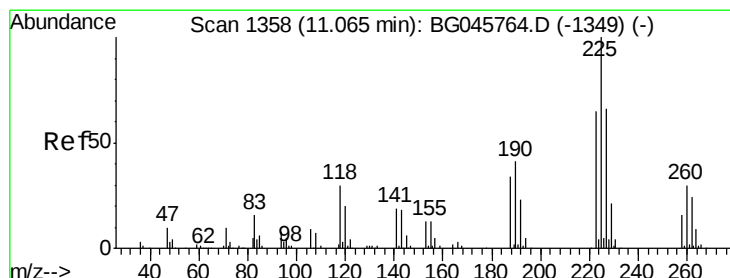
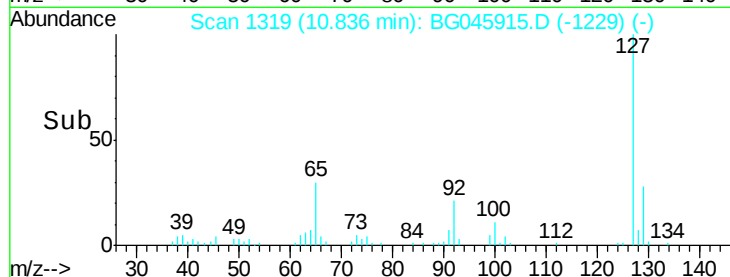
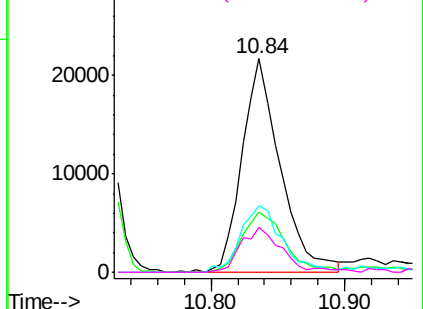
#33
4-Chloroaniline
Concen: 9.570 ng
RT: 10.84 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Instrument :
BNA_G
ClientSampleId :
SP2-LMS

Tot Ion:127 Resp: 42854
Ion Ratio Lower Upper
127 100
129 28.4 26.2 39.2
65 31.1 26.9 40.3
92 20.9 17.8 26.6

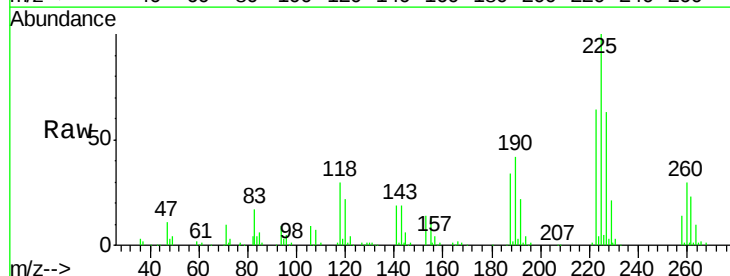


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

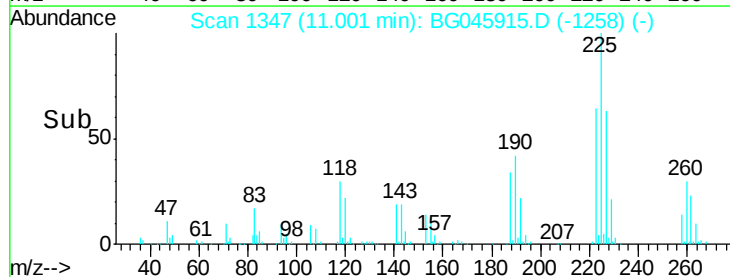
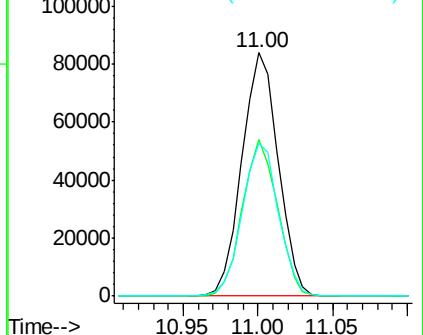


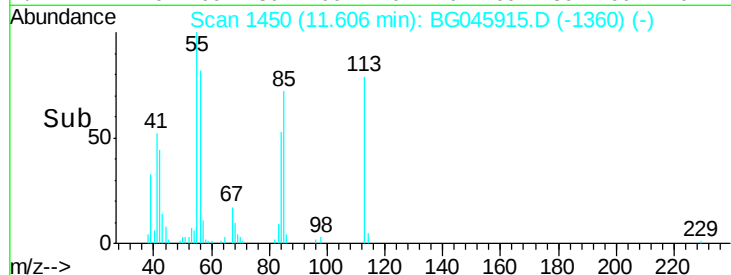
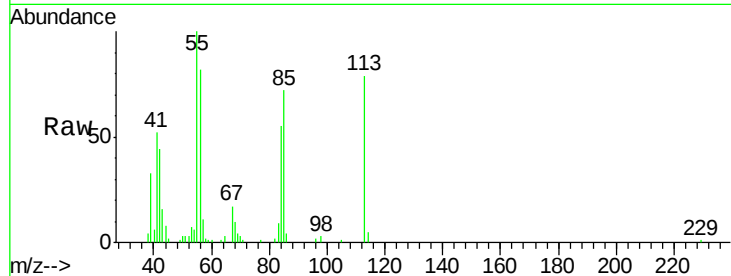
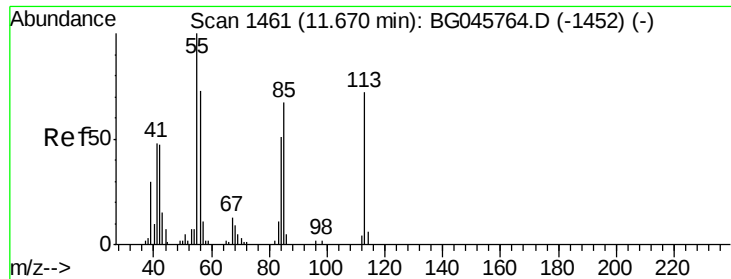
#34
Hexachlorobutadiene
Concen: 49.452 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion:225 Resp: 141041
Ion Ratio Lower Upper
225 100
223 64.3 52.0 78.0
227 62.6 51.6 77.4



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





#35

Caprolactam

Concen: 20.569 ng

RT: 11.61 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

ClientSampleId :

SP2-LMS

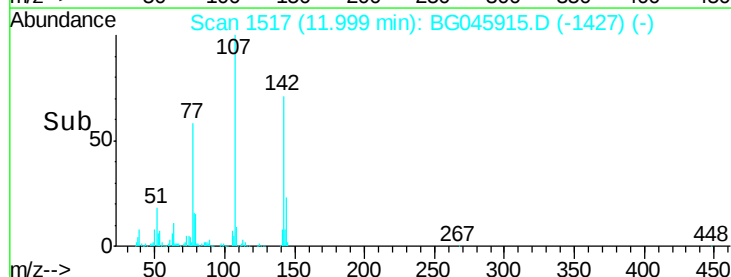
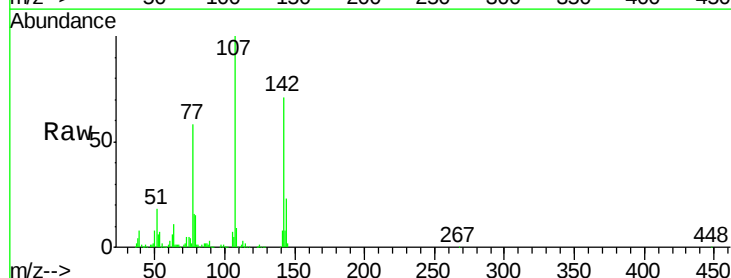
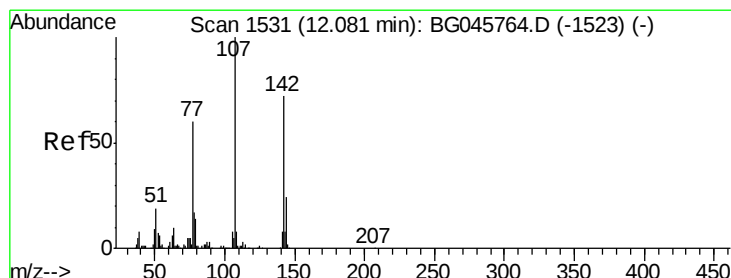
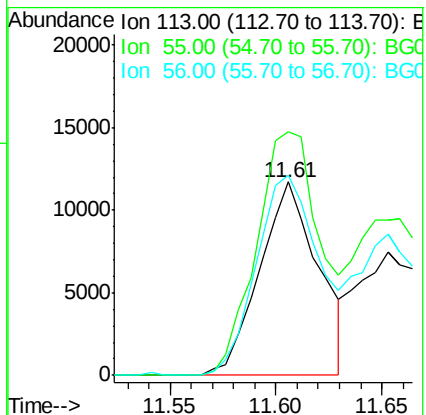
Tot Ion:113 Resp: 22548

Ion Ratio Lower Upper

113 100

55 126.0 110.6 150.6

56 103.8 81.1 121.1



#36

4-Chloro-3-methylphenol

Concen: 51.059 ng

RT: 12.00 min Scan# 1517

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

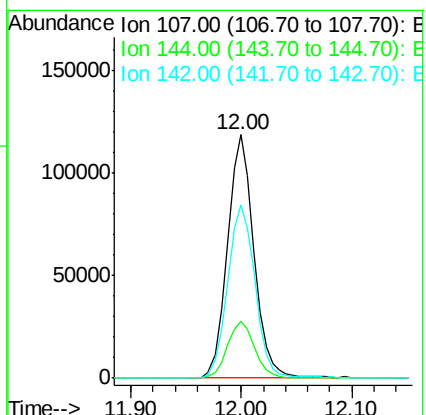
Tgt Ion:107 Resp: 199707

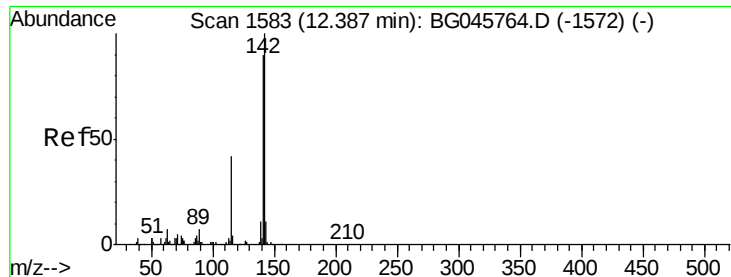
Ion Ratio Lower Upper

107 100

144 23.4 18.7 28.1

142 70.9 55.6 83.4

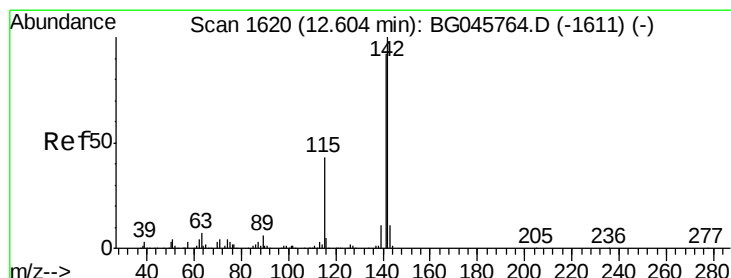
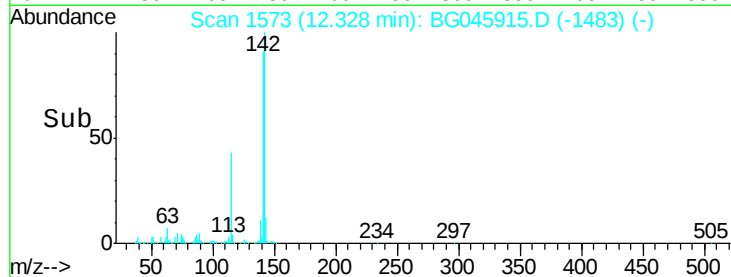
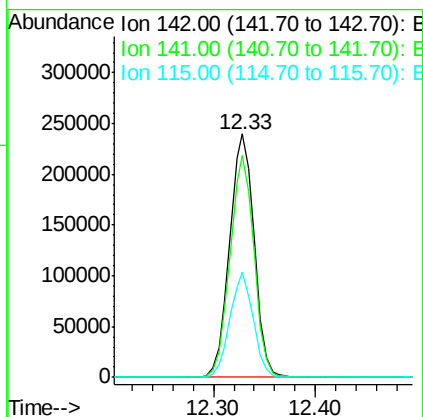
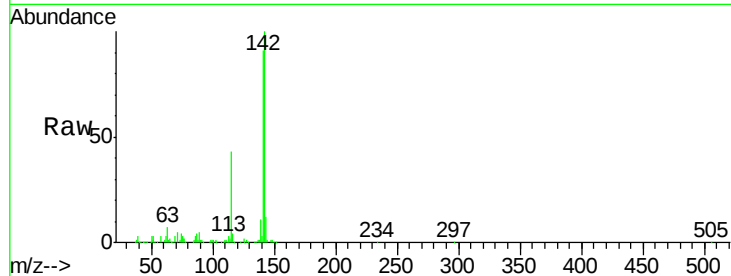




#37
2-Methylnaphthalene
Concen: 50.329 ng
RT: 12.33 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

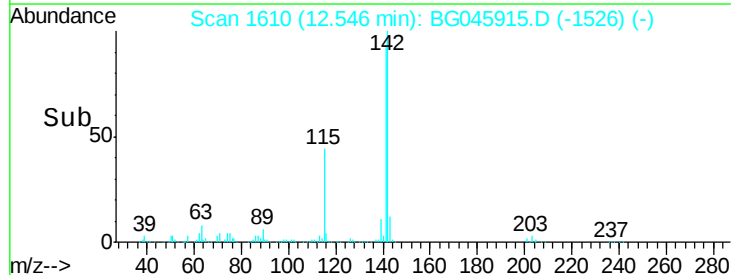
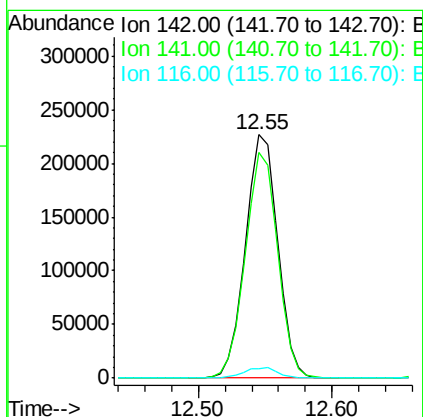
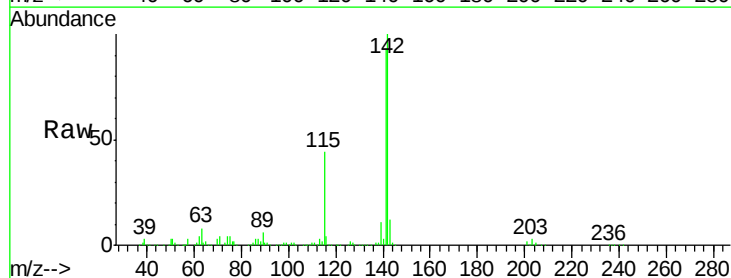
Instrument :
BNA_G
ClientSampleId :
SP2-LMS

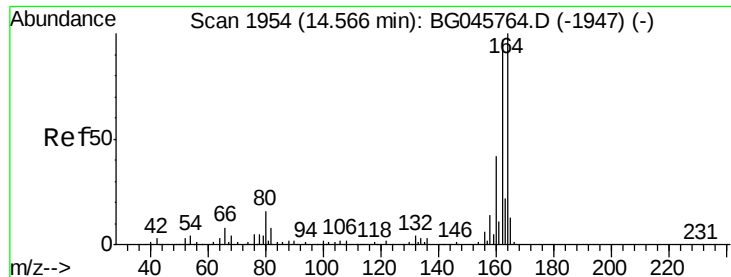
Tot Ion:142 Resp: 400733
Ion Ratio Lower Upper
142 100
141 91.2 71.9 107.9
115 43.3 31.7 47.5



#38
1-Methylnaphthalene
Concen: 50.119 ng
RT: 12.55 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion:142 Resp: 377634
Ion Ratio Lower Upper
142 100
141 92.6 74.5 111.7
116 4.0 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.51 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

ClientSampleId :

SP2-LMS

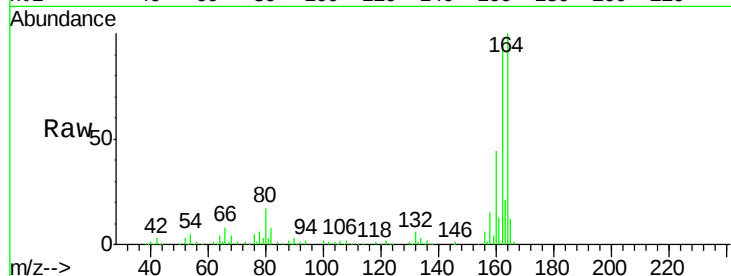
Tot Ion:164 Resp: 139435

Ion Ratio Lower Upper

164 100

162 96.0 78.8 118.2

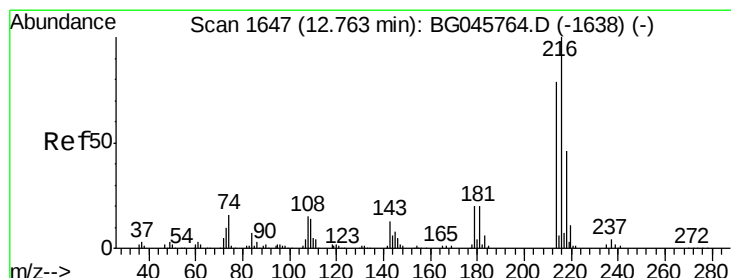
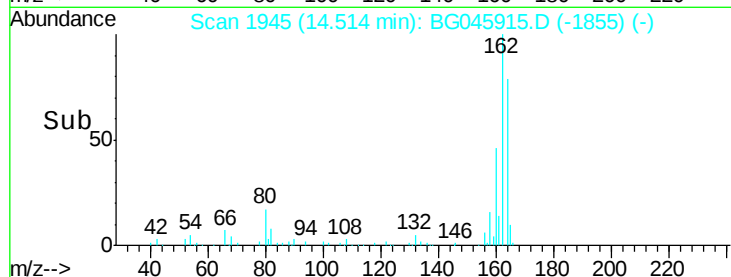
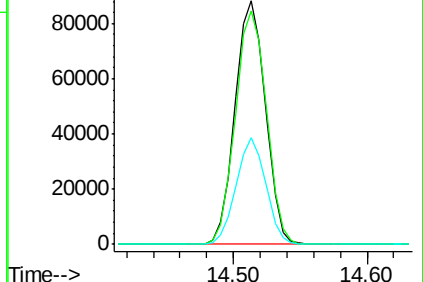
160 44.0 33.8 50.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.994 ng

RT: 12.70 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Tgt Ion:216 Resp: 224946

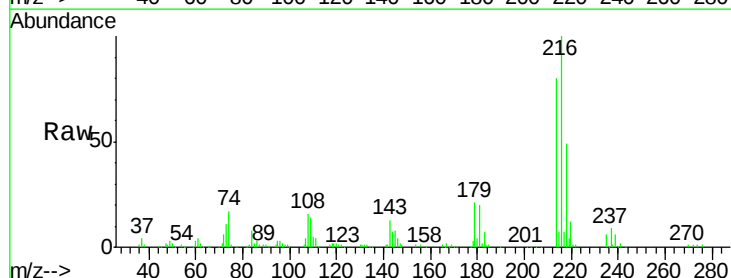
Ion Ratio Lower Upper

216 100

214 79.5 61.8 92.8

179 20.4 15.8 23.6

108 19.0 13.8 20.6

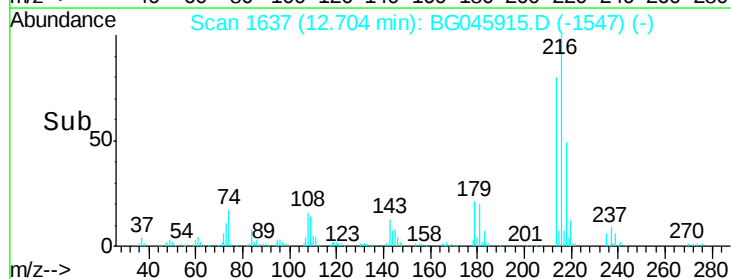
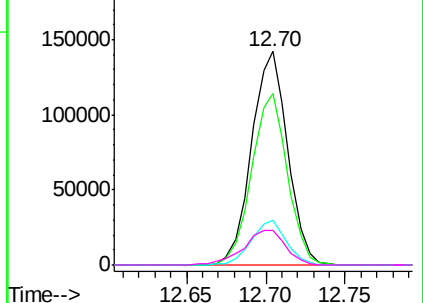


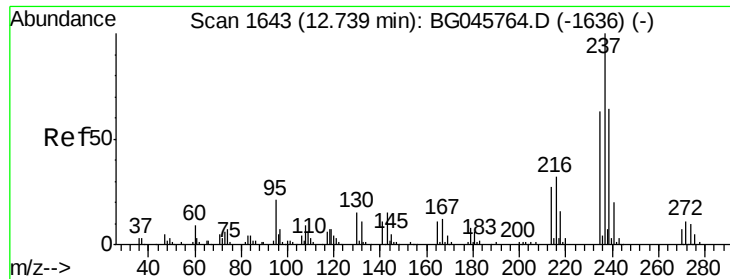
Abundance Ion 216.00 (215.70 to 216.70): E

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: 94.009 ng

RT: 12.68 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

ClientSampleId :

SP2-LMS

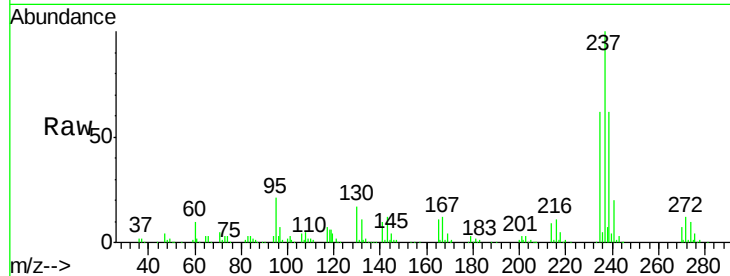
Tot Ion:237 Resp: 242593

Ion	Ratio	Lower	Upper
237	100		
235	62.3	43.3	83.3
272	11.8	0.0	33.3

237 100

235 62.3 43.3 83.3

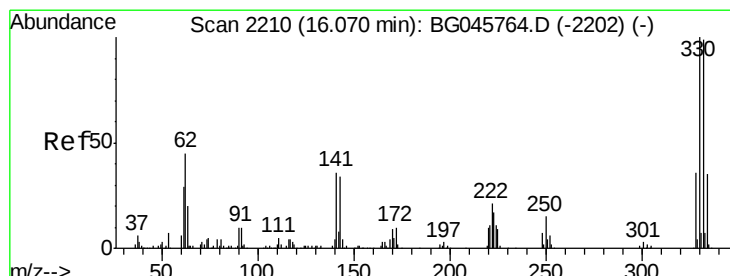
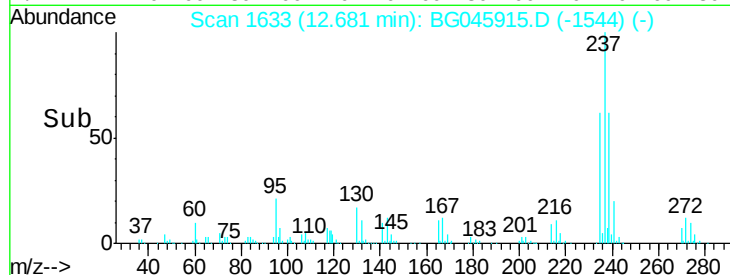
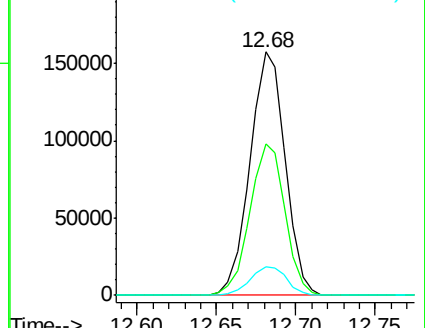
272 11.8 0.0 33.3



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: 141.376 ng

RT: 16.02 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

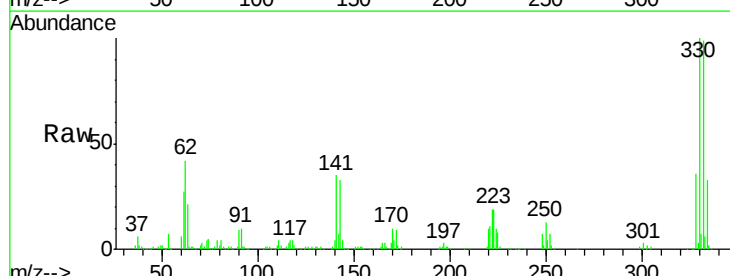
Tgt Ion:330 Resp: 297611

Ion	Ratio	Lower	Upper
330	100		
332	97.9	79.4	119.0
141	35.4	28.2	42.2

330 100

332 97.9 79.4 119.0

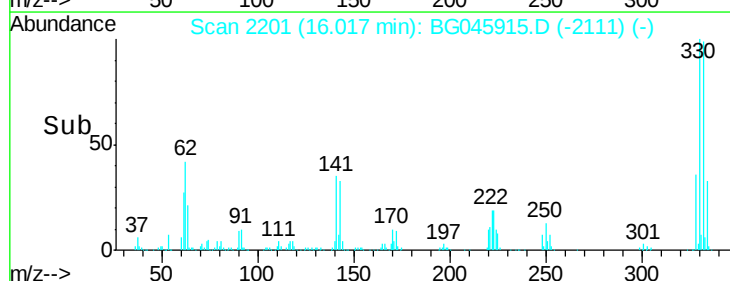
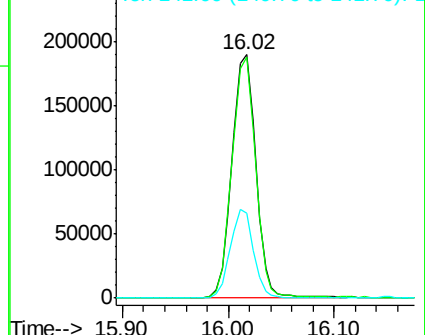
141 35.4 28.2 42.2

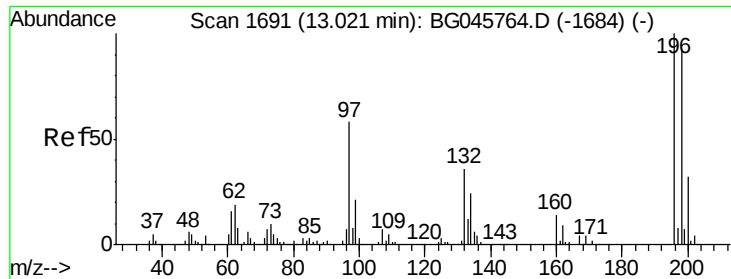


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

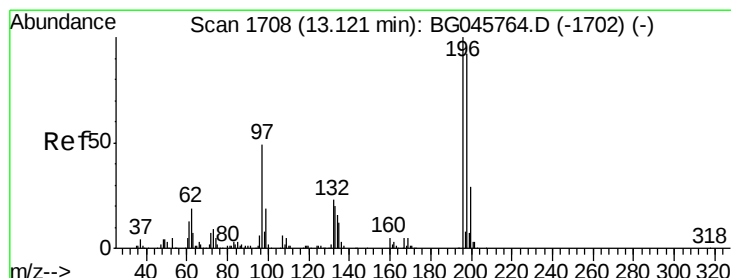
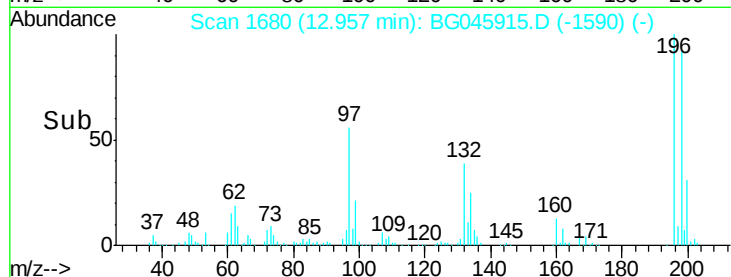
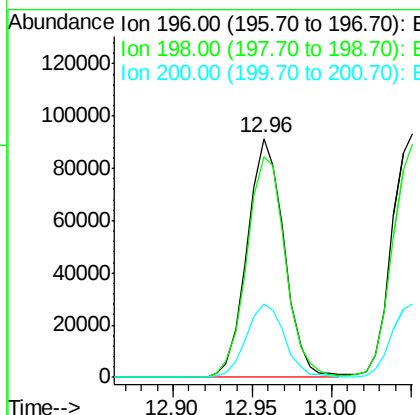
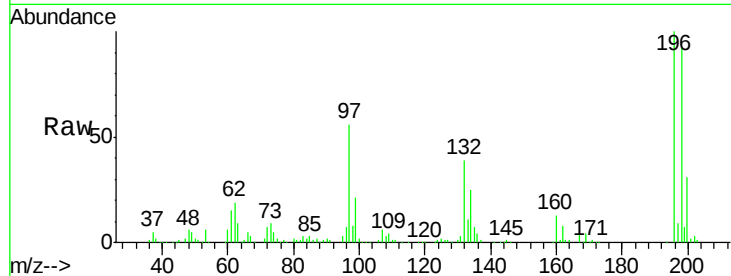




#43
 2,4,6-Trichlorophenol
 Concen: 47.635 ng
 RT: 12.96 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

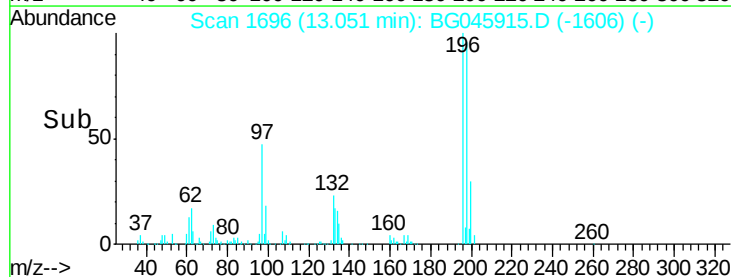
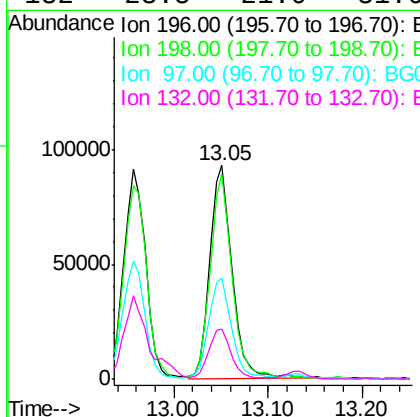
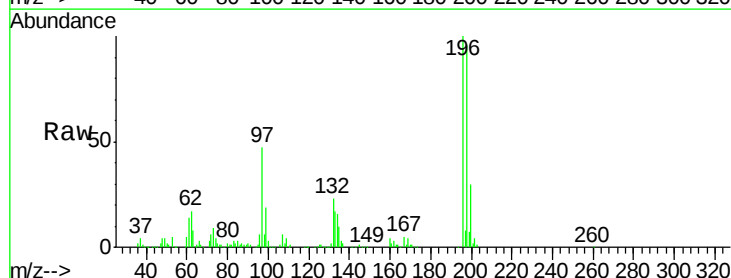
Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMS

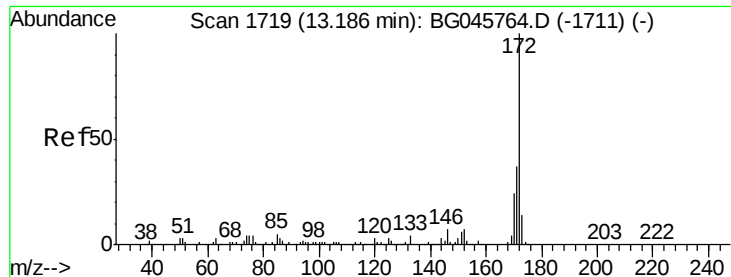
Tot Ion:196 Resp: 148282
 Ion Ratio Lower Upper
 196 100
 198 92.4 78.1 117.1
 200 30.7 25.8 38.6



#44
 2,4,5-Trichlorophenol
 Concen: 43.816 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Tgt Ion:196 Resp: 155449
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.5 114.7
 97 47.1 39.9 59.9
 132 23.5 21.0 31.6

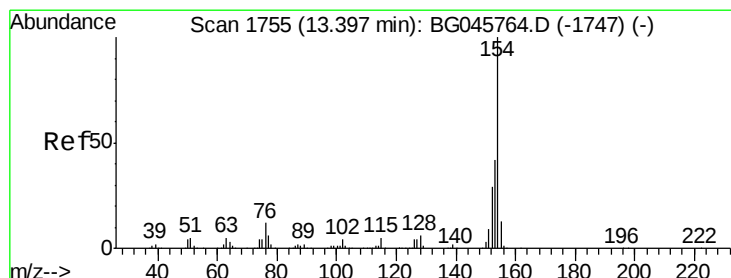
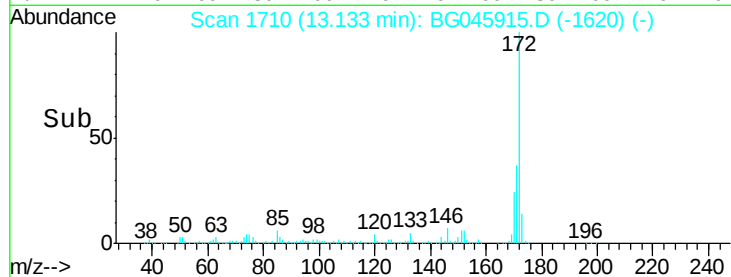
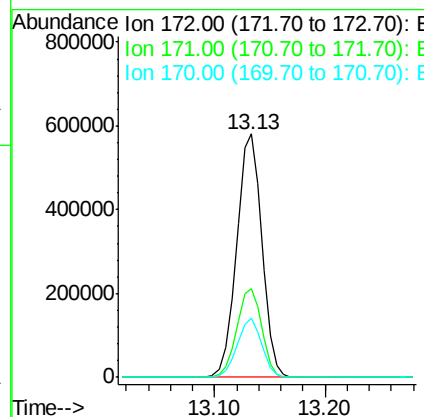
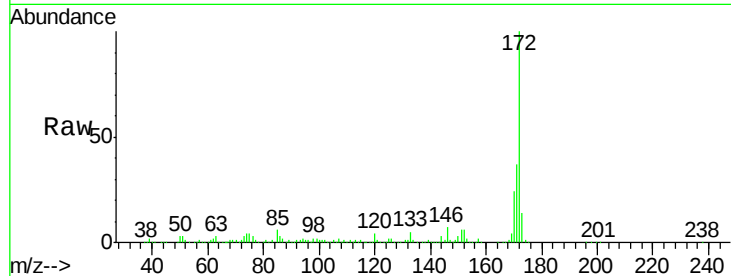




#45
2-Fluorobiphenyl
Concen: 97.805 ng
RT: 13.13 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

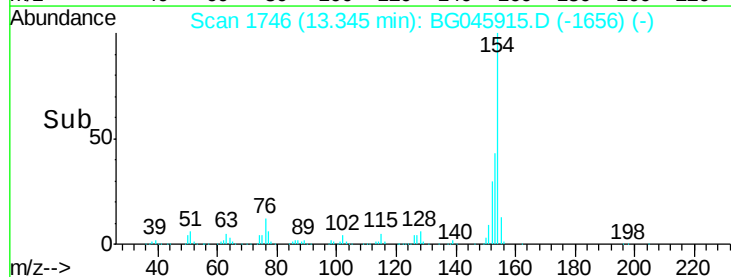
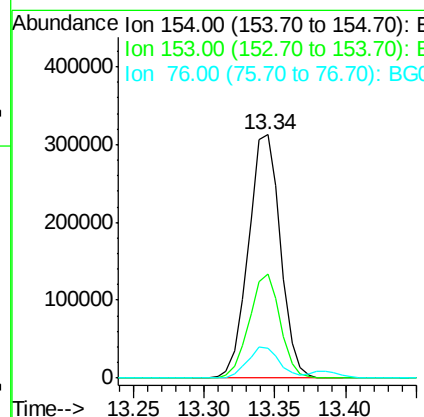
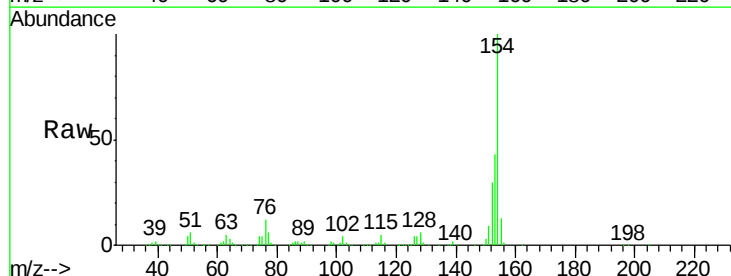
Instrument :
BNA_G
ClientSampleId :
SP2-LMS

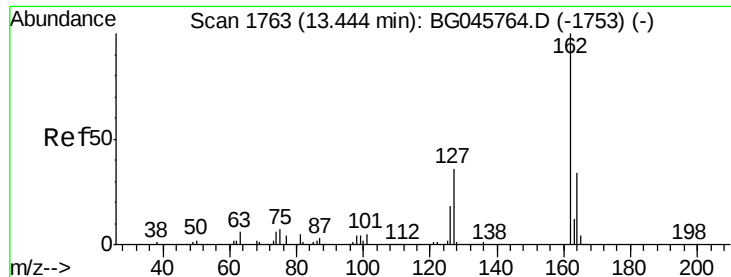
Tot Ion:172 Resp: 927998
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 24.1 18.9 28.3



#46
1,1'-Biphenyl
Concen: 49.775 ng
RT: 13.34 min Scan# 1746
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion:154 Resp: 496890
Ion Ratio Lower Upper
154 100
153 42.9 21.3 61.3
76 12.3 0.0 32.9

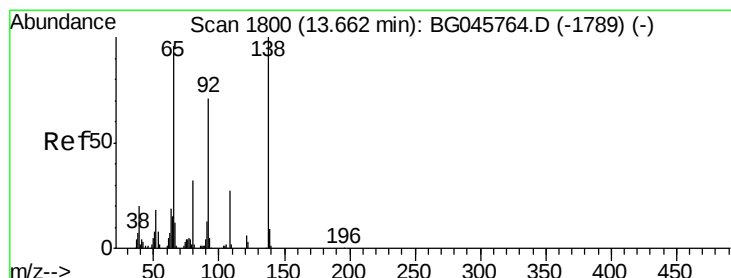
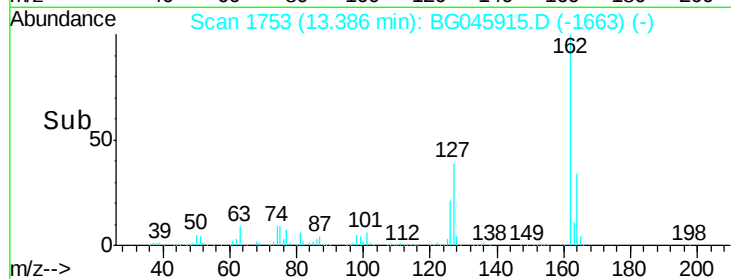
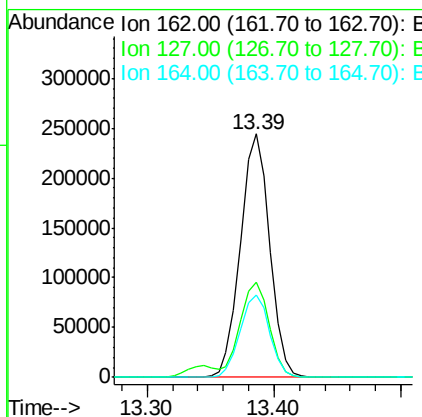
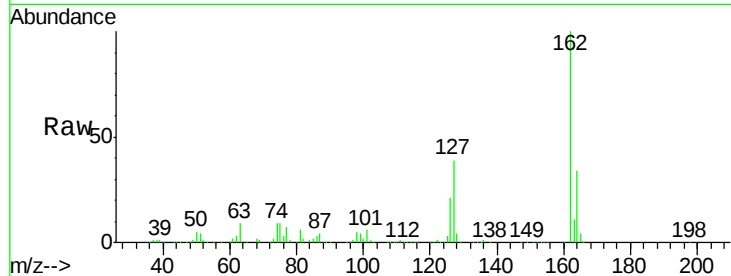




#47
 2-Chloronaphthalene
 Concen: 48.414 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

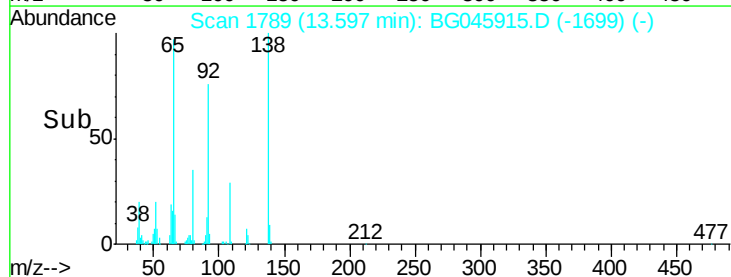
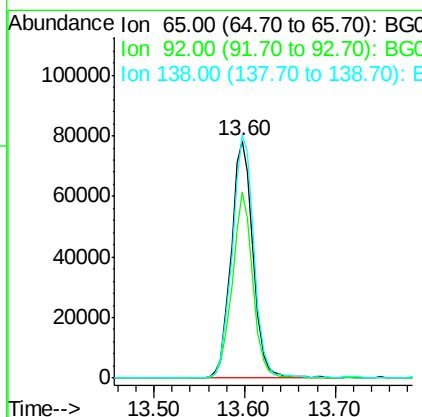
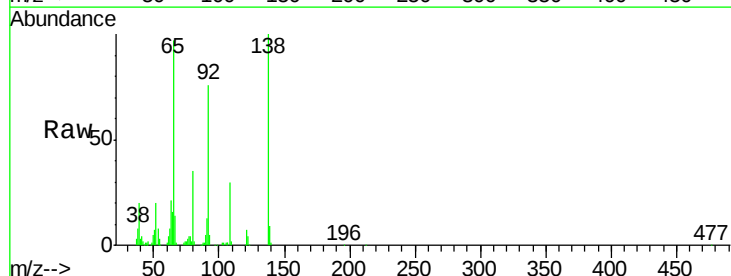
Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMS

Tot Ion:162 Resp: 390407
 Ion Ratio Lower Upper
 162 100
 127 39.2 31.4 47.0
 164 33.9 28.1 42.1



#48
 2-Nitroaniline
 Concen: 49.340 ng
 RT: 13.60 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Tgt Ion: 65 Resp: 132346
 Ion Ratio Lower Upper
 65 100
 92 78.5 54.1 81.1
 138 102.6 79.0 118.6





#49

Acenaphthylene

Concen: 48.823 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

ClientSampleId :

SP2-LMS

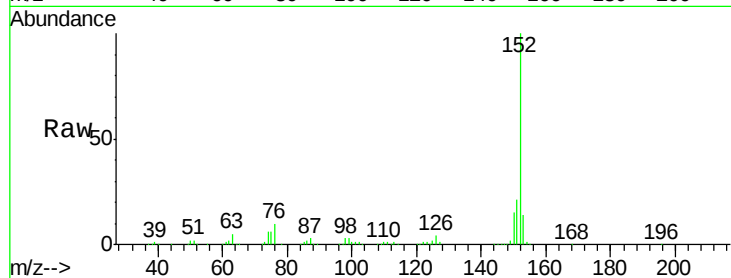
Tot Ion:152 Resp: 630614

Ion Ratio Lower Upper

152 100

151 21.3 17.0 25.4

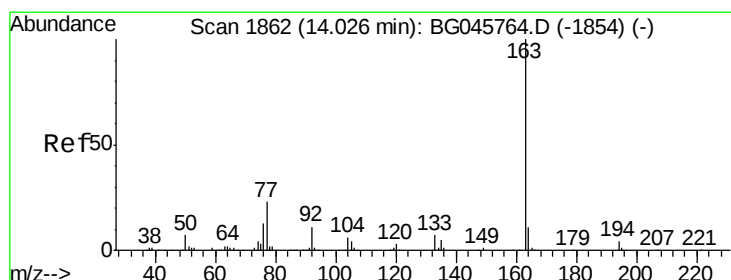
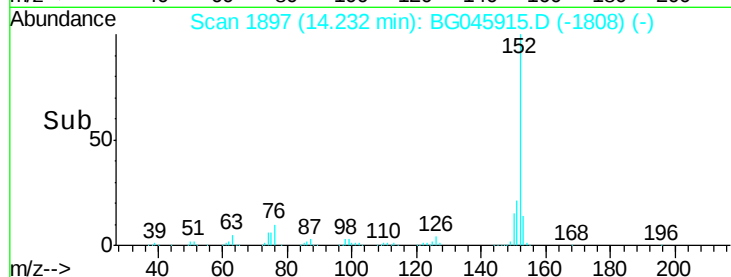
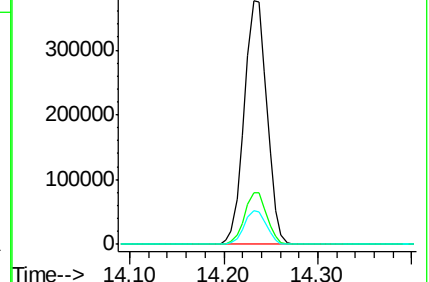
153 13.6 11.4 17.0



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: 54.049 ng

RT: 13.97 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

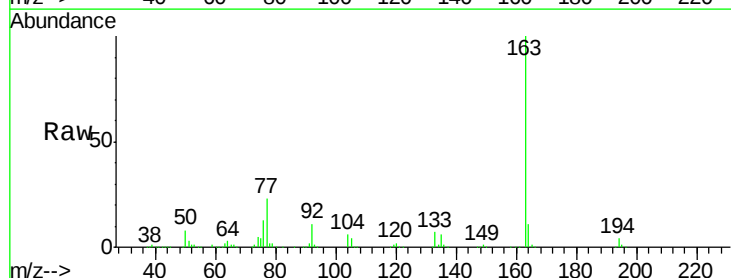
Tgt Ion:163 Resp: 590397

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

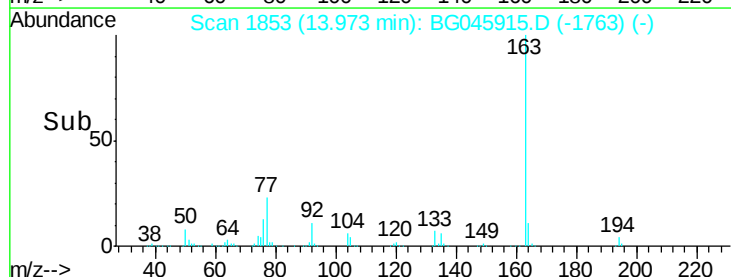
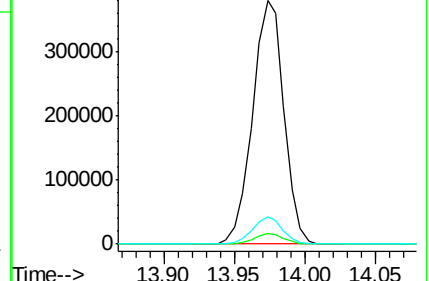
164 11.4 8.7 13.1

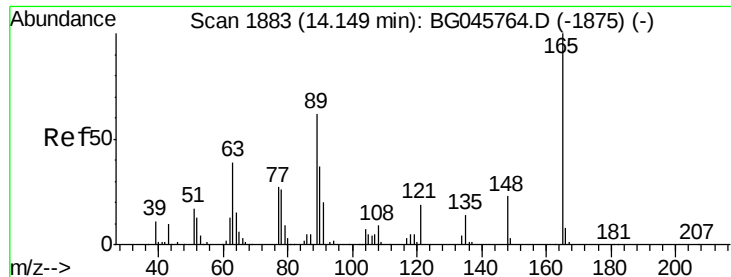


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 50.154 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

ClientSampleId :

SP2-LMS

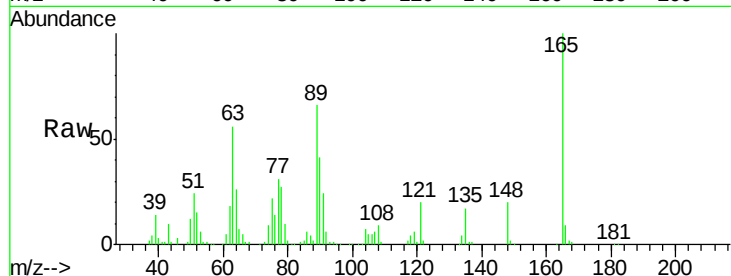
Tot Ion:165 Resp: 123047

Ion Ratio Lower Upper

165 100

63 56.5 41.4 62.2

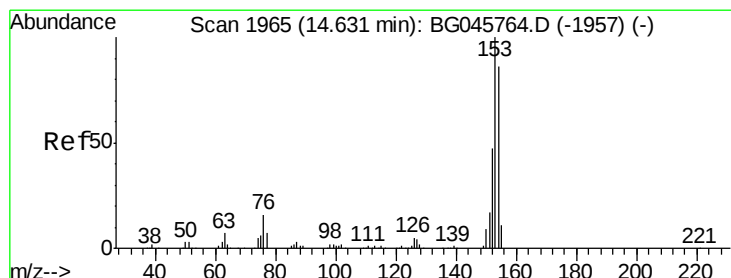
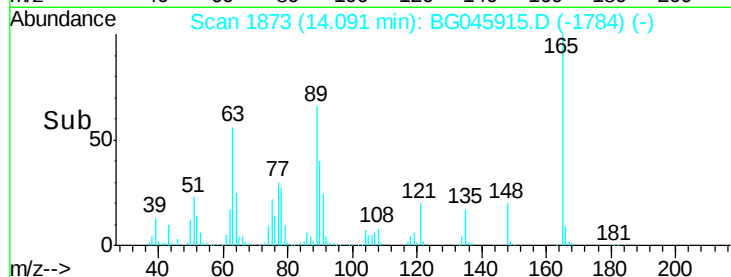
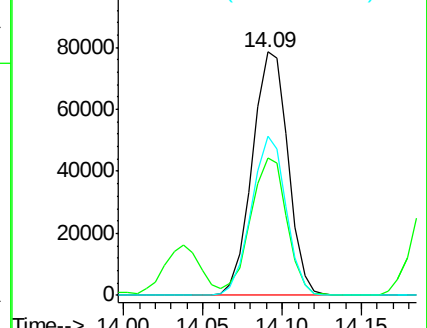
89 65.6 45.4 68.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 49.206 ng

RT: 14.58 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

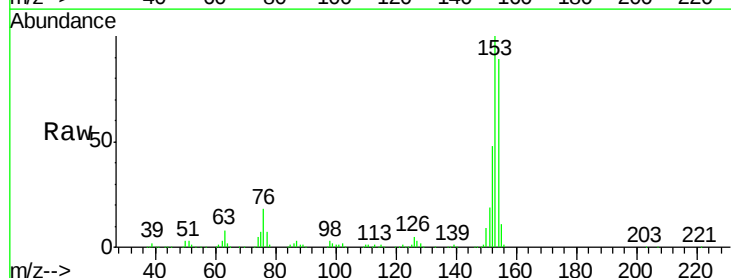
Tgt Ion:154 Resp: 385248

Ion Ratio Lower Upper

154 100

153 111.8 92.5 138.7

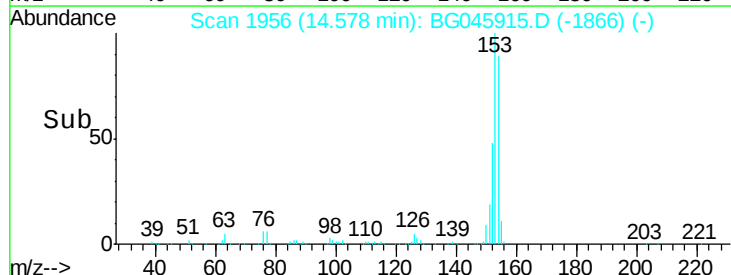
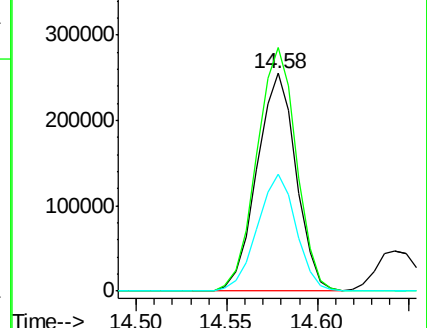
152 53.9 43.4 65.2

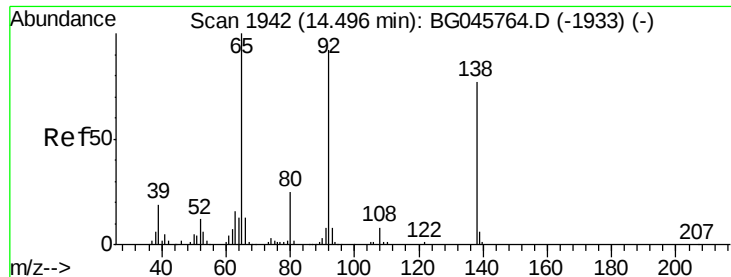


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

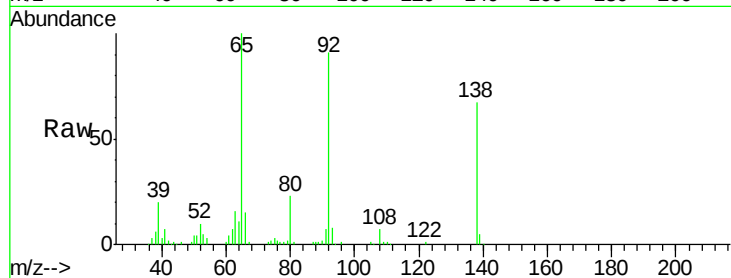




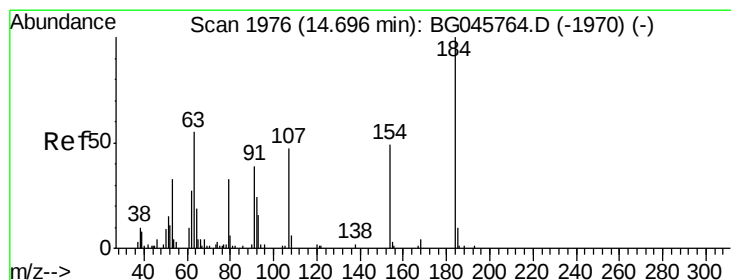
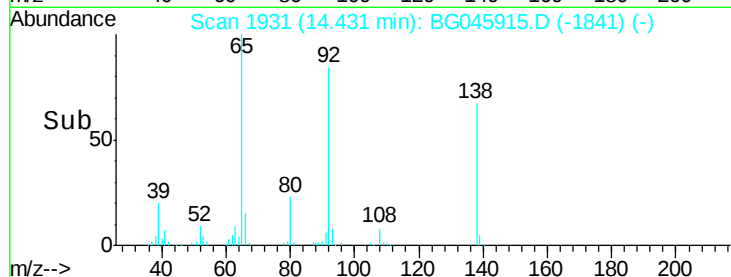
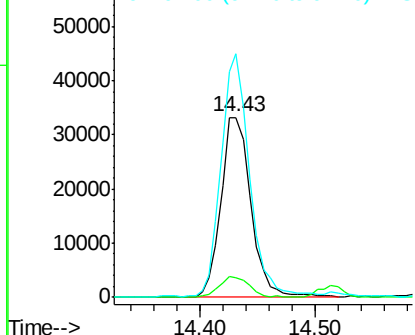
#53
3-Nitroaniline
Concen: 24.525 ng
RT: 14.43 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Instrument :
BNA_G
ClientSampleId :
SP2-LMS

Tot Ion:138 Resp: 60101
Ion Ratio Lower Upper
138 100
108 11.2 8.2 12.2
92 135.4 101.3 151.9

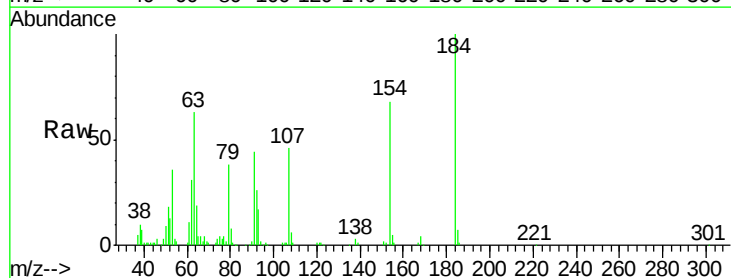


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

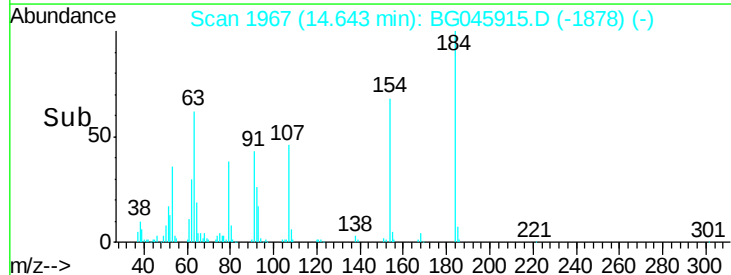
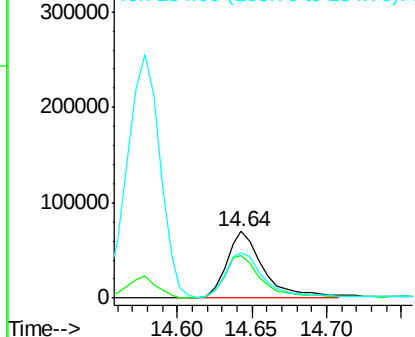


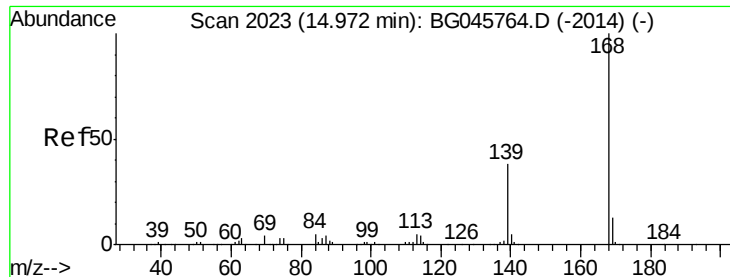
#54
2,4-Dinitrophenol
Concen: 87.489 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion:184 Resp: 120817
Ion Ratio Lower Upper
184 100
63 63.2 49.4 74.0
154 68.1 59.8 89.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 154.00 (153.70 to 154.70): E

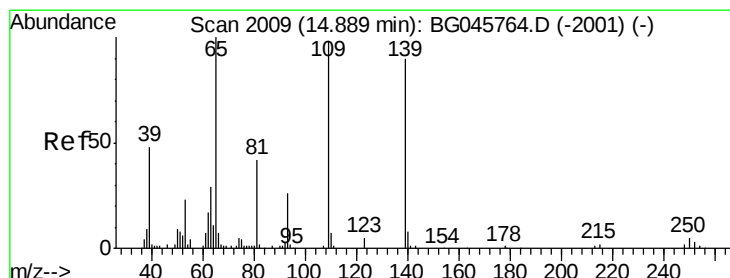
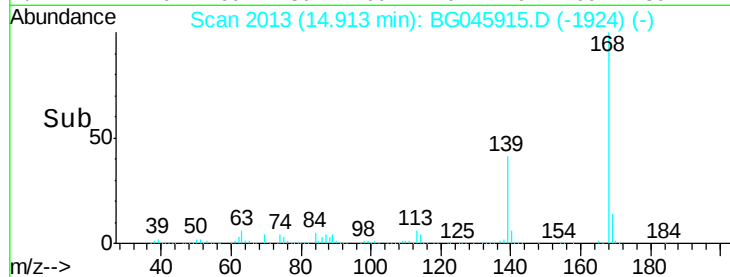
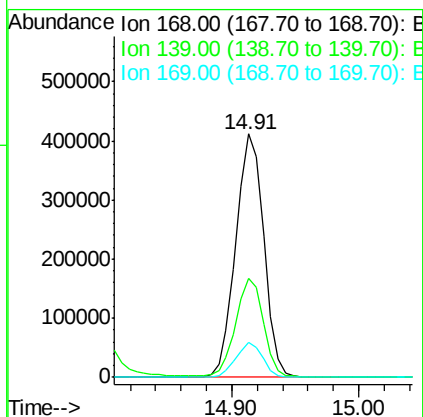
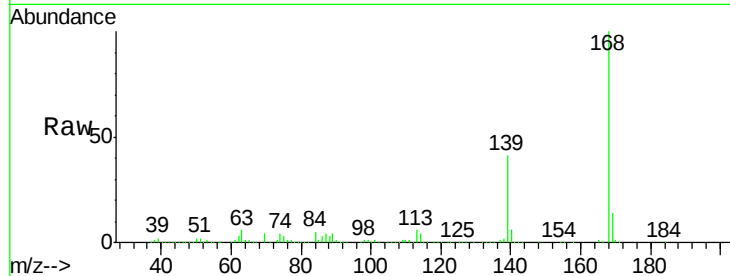




#55
Dibenzofuran
Concen: 49.413 ng
RT: 14.91 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

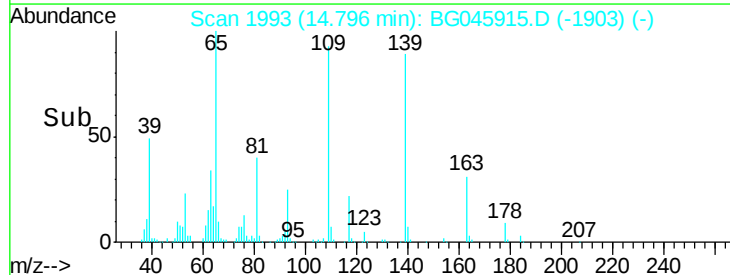
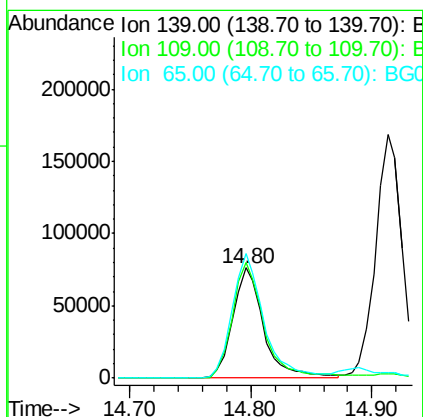
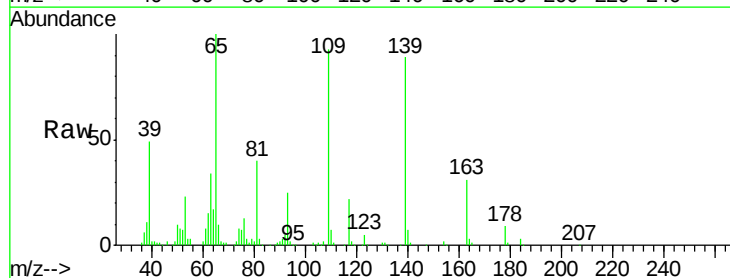
Instrument :
BNA_G
ClientSampleId :
SP2-LMS

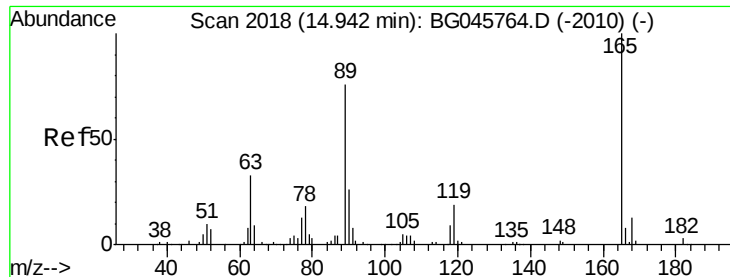
Tot Ion:168 Resp: 628464
Ion Ratio Lower Upper
168 100
139 40.9 32.6 48.8
169 14.2 11.4 17.2



#56
4-Nitrophenol
Concen: 77.704 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion:139 Resp: 136217
Ion Ratio Lower Upper
139 100
109 104.9 79.2 119.2
65 112.8 91.0 131.0

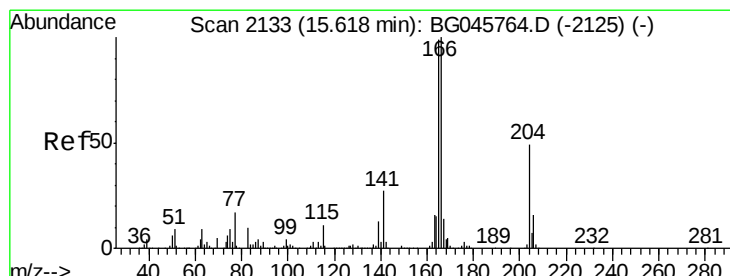
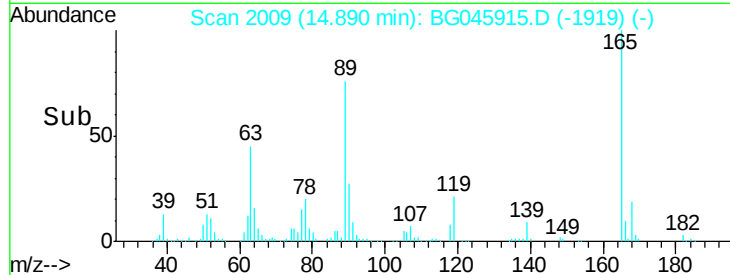
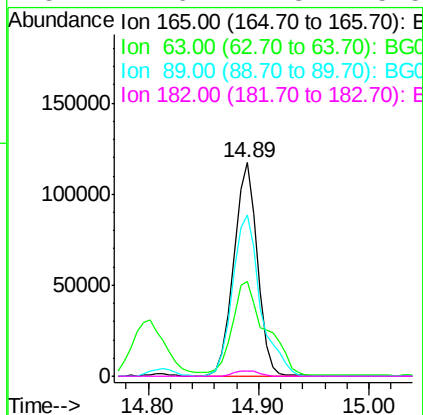
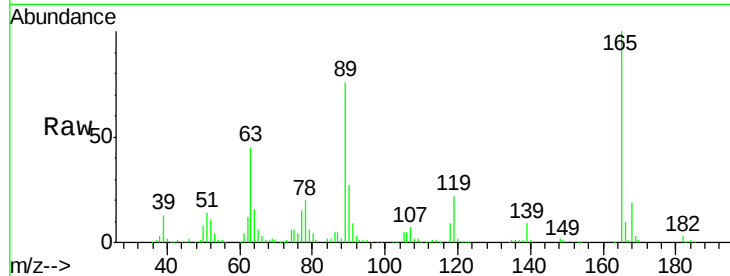




#57
 2,4-Dinitrotoluene
 Concen: 50.193 ng
 RT: 14.89 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

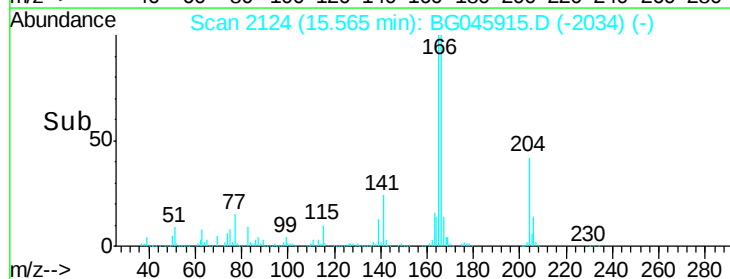
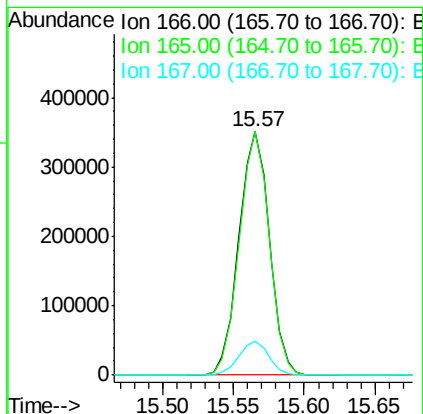
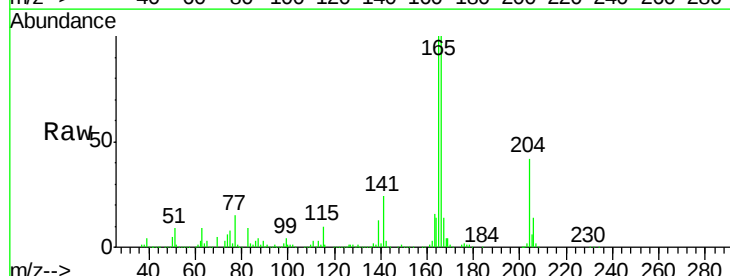
Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMS

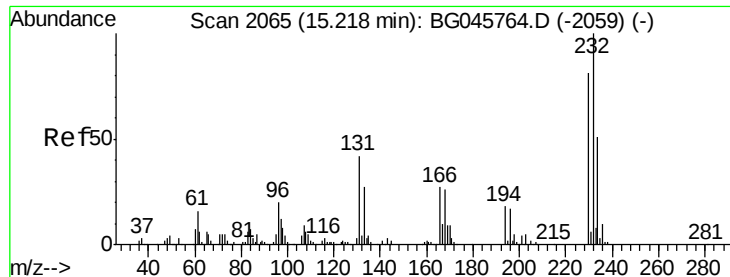
Tot Ion:165	Resp:	176437	
Ion Ratio	Lower	Upper	
165 100			
63 44.5	34.5	51.7	
89 75.8	60.8	91.2	
182 2.6	2.3	3.5	



#58
 Fluorene
 Concen: 50.186 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Tgt	Ion:166	Resp:	530765
Ion	Ratio	Lower	Upper
166	100		
165	99.9	76.9	115.3
167	14.1	11.3	16.9

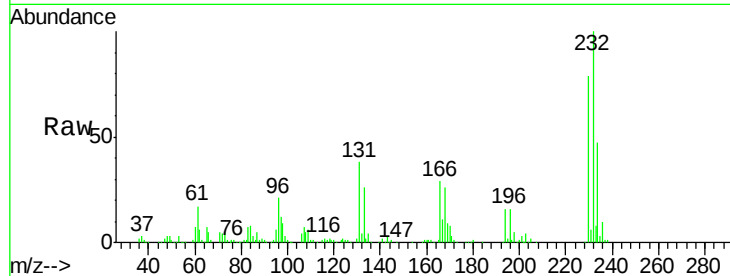




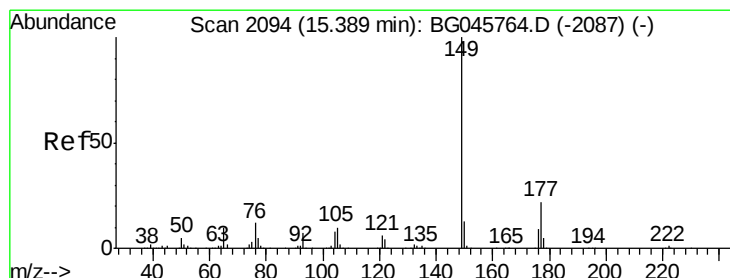
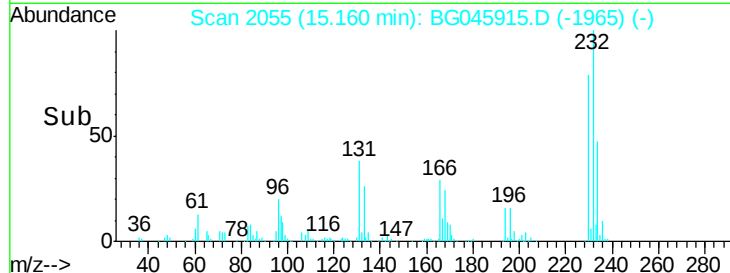
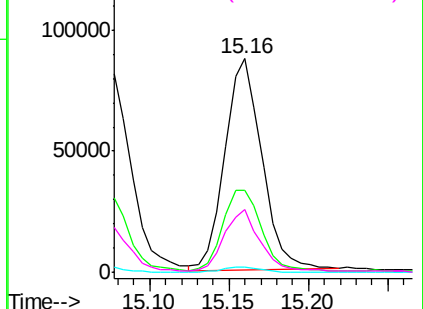
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.558 ng
 RT: 15.16 min Scan# 2055
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMS

Tot Ion:232 Resp: 140283
 Ion Ratio Lower Upper
 232 100
 131 41.0 34.2 51.2
 130 2.5 2.1 3.1
 166 28.8 23.0 34.4

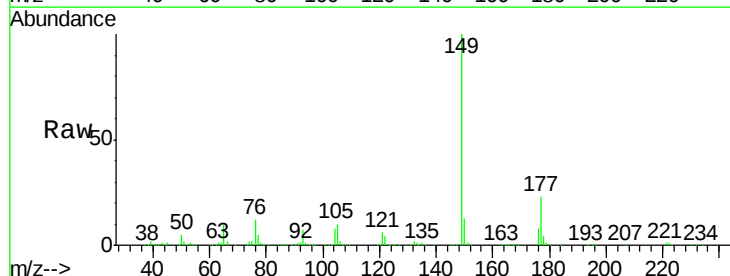


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

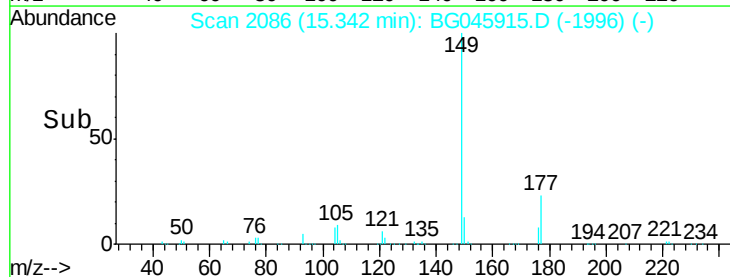
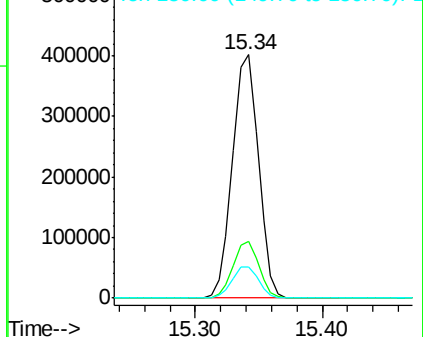


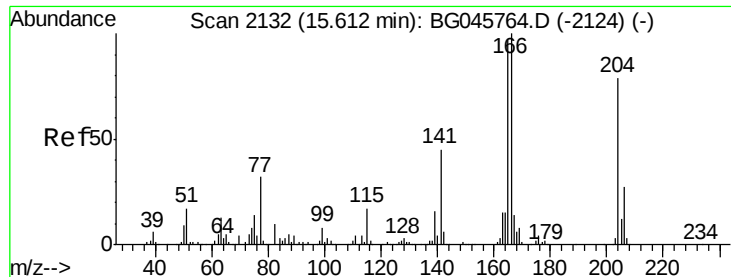
#60
 Diethylphthalate
 Concen: 51.033 ng
 RT: 15.34 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Tgt Ion:149 Resp: 569868
 Ion Ratio Lower Upper
 149 100
 177 23.2 18.6 28.0
 150 12.7 10.2 15.2



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

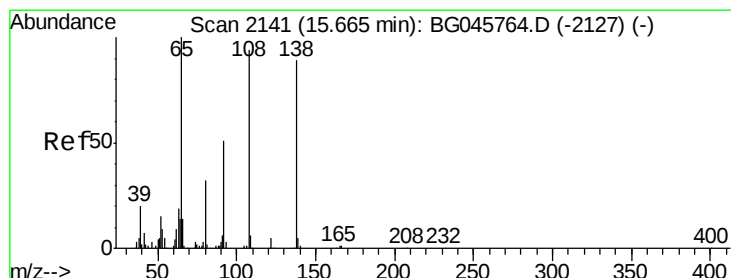
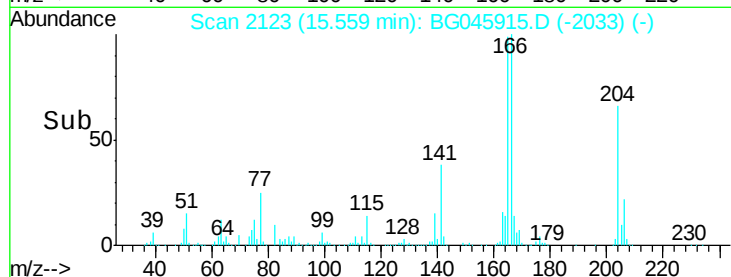
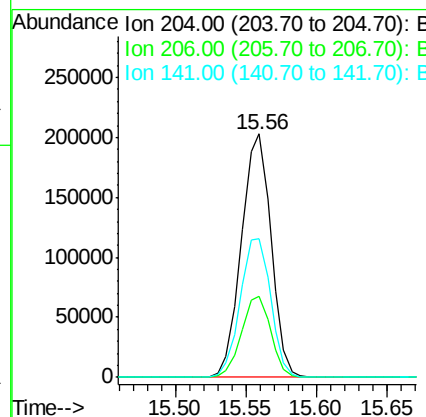
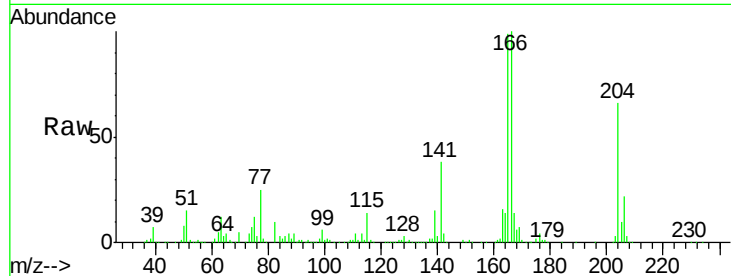




#61
4-Chlorophenyl-phenylether
Concen: 48.877 ng
RT: 15.56 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

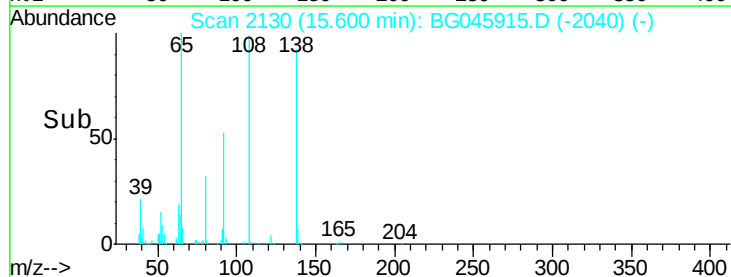
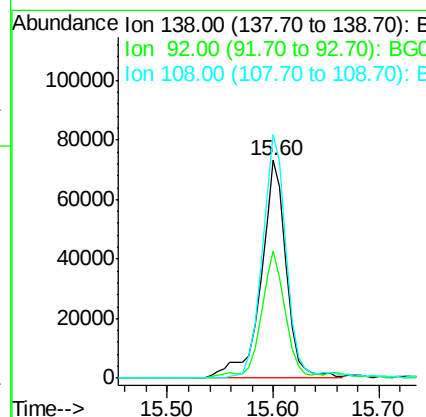
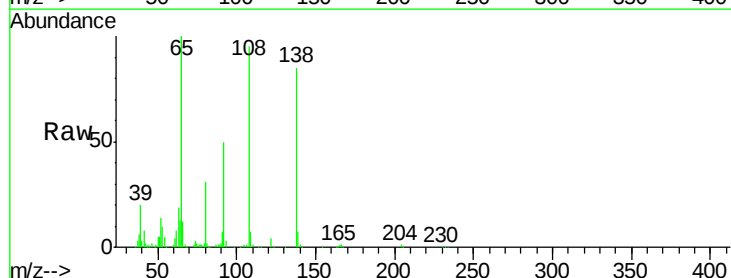
Instrument :
BNA_G
ClientSampleId :
SP2-LMS

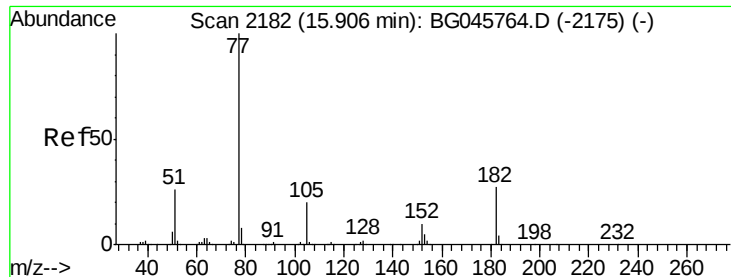
Tot Ion:204 Resp: 297929
Ion Ratio Lower Upper
204 100
206 33.5 26.4 39.6
141 57.2 47.9 71.9



#62
4-Nitroaniline
Concen: 48.637 ng
RT: 15.60 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion:138 Resp: 122323
Ion Ratio Lower Upper
138 100
92 58.1 34.9 74.9
108 111.7 92.3 132.3

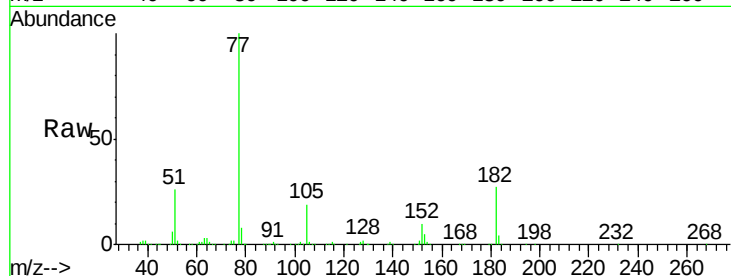




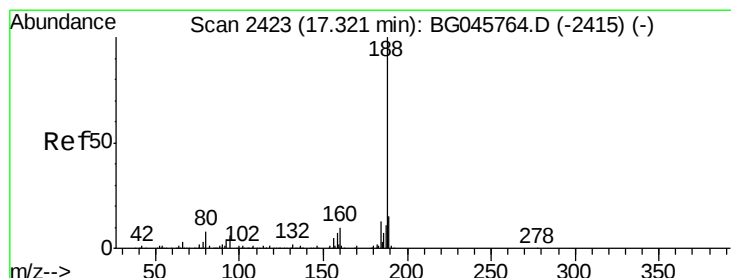
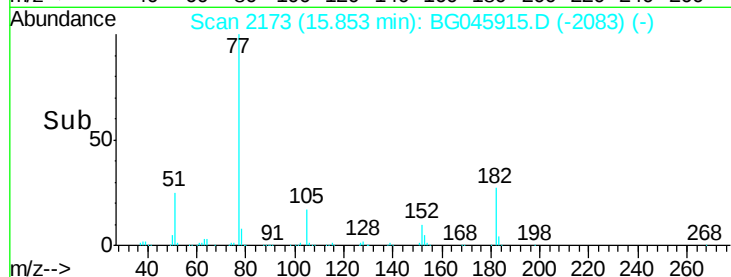
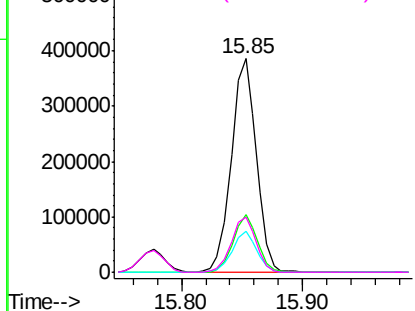
#63
Azobenzene
Concen: 51.582 ng
RT: 15.85 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Instrument :
BNA_G
ClientSampleId :
SP2-LMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.9	6.0	46.0
105	19.5	0.0	38.0
51	25.7	4.7	44.7

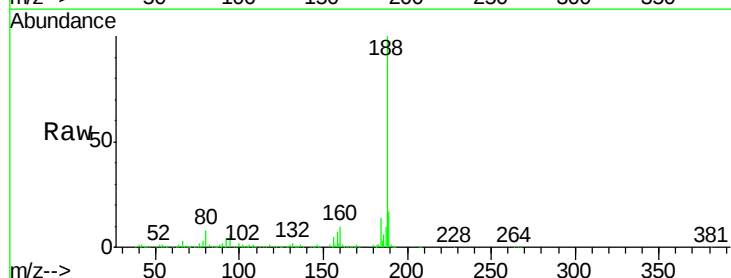


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

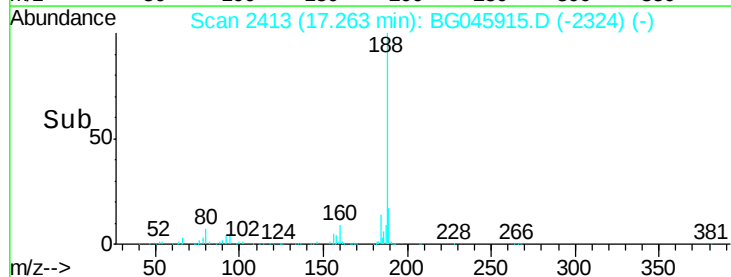
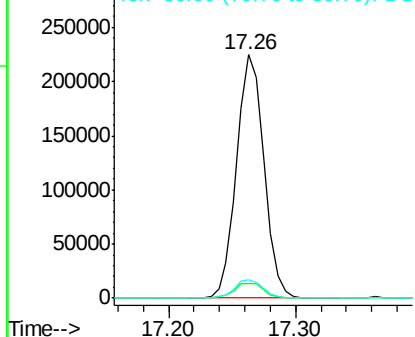


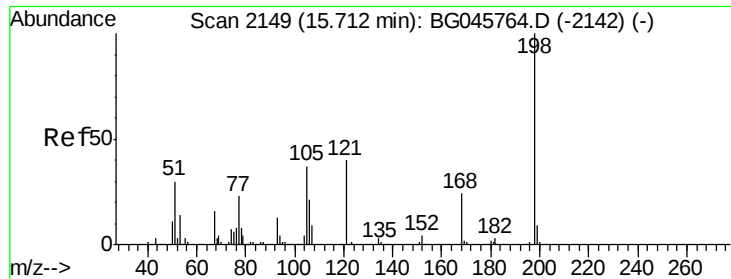
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.5	8.3
80	7.7	6.1	9.1



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: 51.599 ng

RT: 15.66 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

ClientSampleId :

SP2-LMS

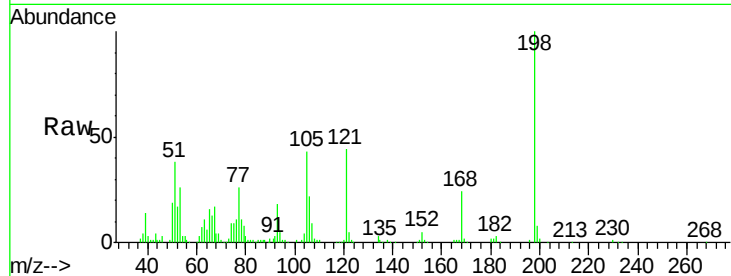
Tot Ion:198 Resp: 107253

Ion Ratio Lower Upper

198 100

51 37.7 14.6 54.6

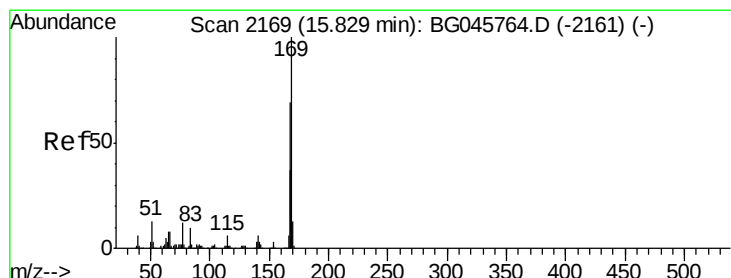
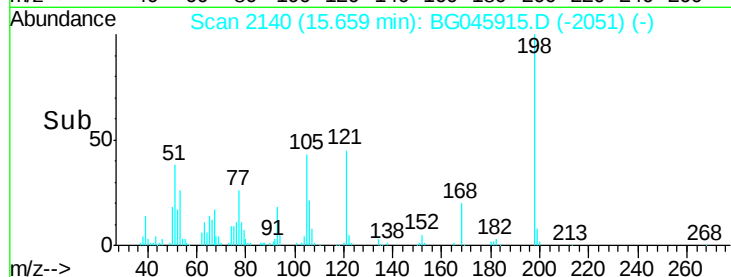
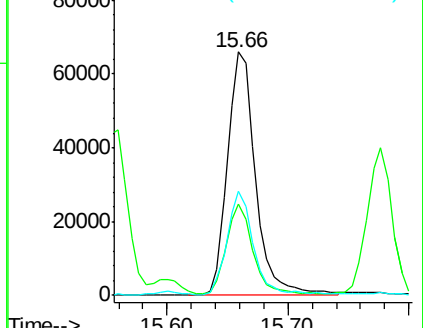
105 42.7 20.1 60.1



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: 49.736 ng

RT: 15.78 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

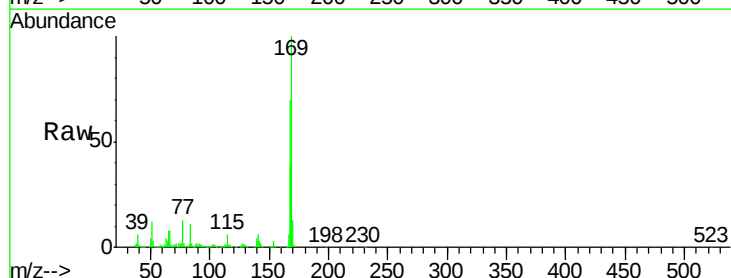
Tgt Ion:169 Resp: 473813

Ion Ratio Lower Upper

169 100

168 69.7 53.6 80.4

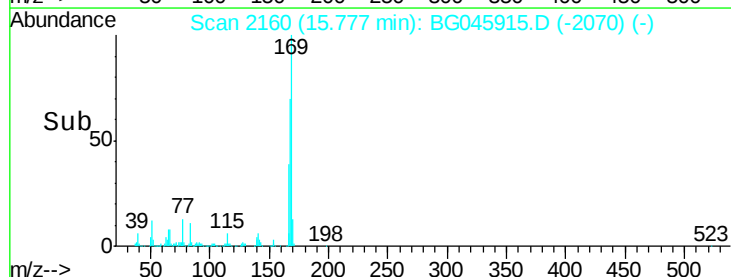
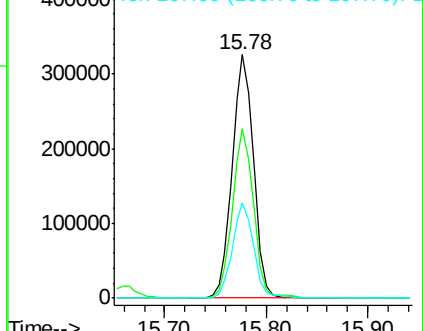
167 38.8 30.7 46.1

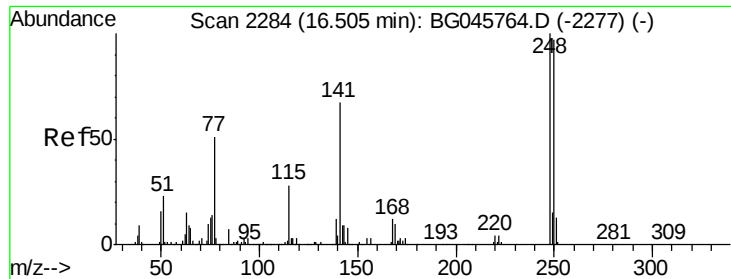


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

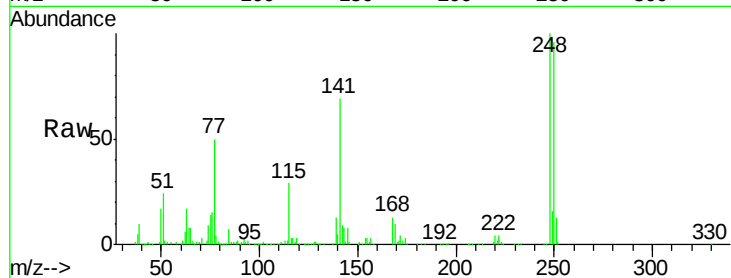




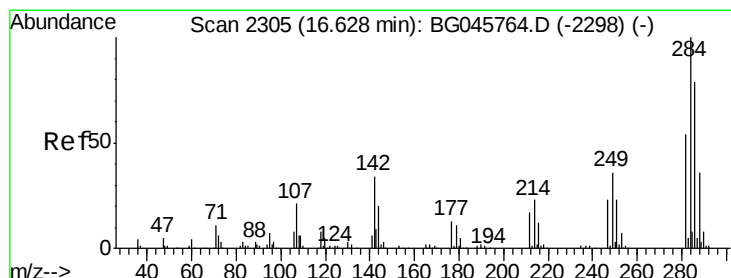
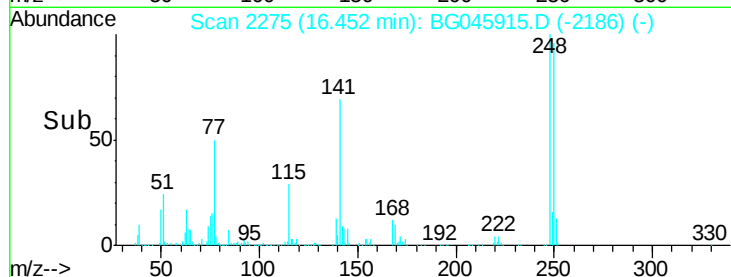
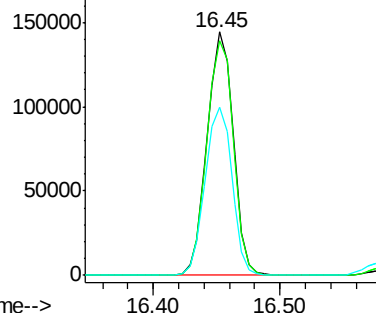
#67
4-Bromophenyl-phenylether
Concen: 47.024 ng
RT: 16.45 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Instrument :
BNA_G
ClientSampleId :
SP2-LMS

Tot Ion:248 Resp: 205509
Ion Ratio Lower Upper
248 100
250 96.3 77.2 115.8
141 69.0 52.6 79.0

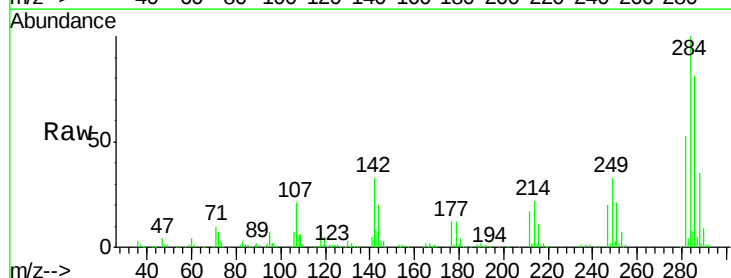


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

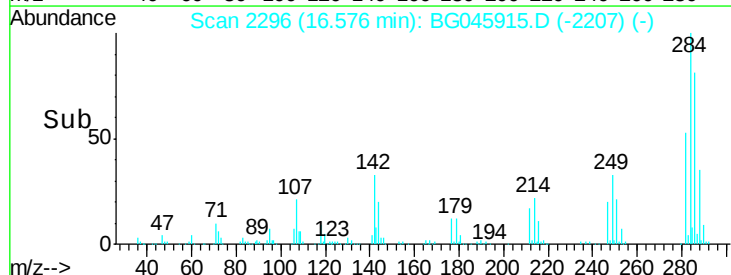
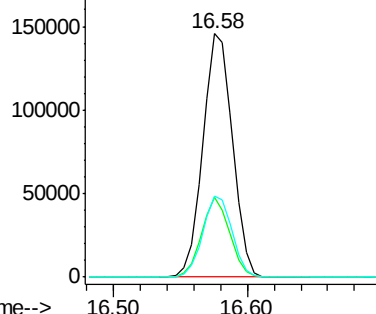


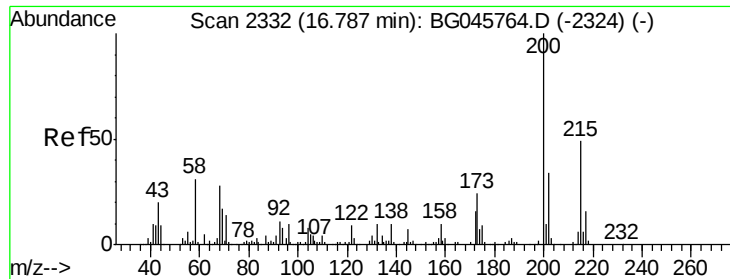
#68
Hexachlorobenzene
Concen: 49.601 ng
RT: 16.58 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion:284 Resp: 224783
Ion Ratio Lower Upper
284 100
142 33.0 23.2 34.8
249 33.5 25.5 38.3



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: 48.001 ng

RT: 16.73 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

ClientSampleId :

SP2-LMS

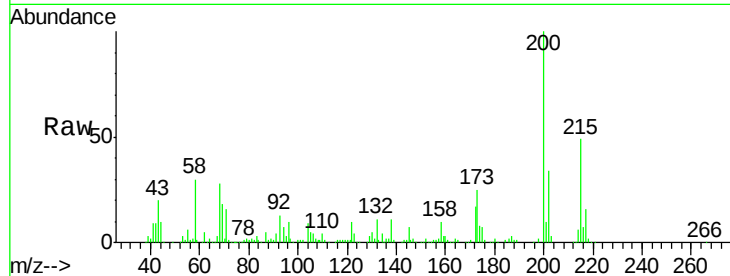
Tot Ion:200 Resp: 177447

Ion Ratio Lower Upper

200 100

173 25.1 4.3 44.3

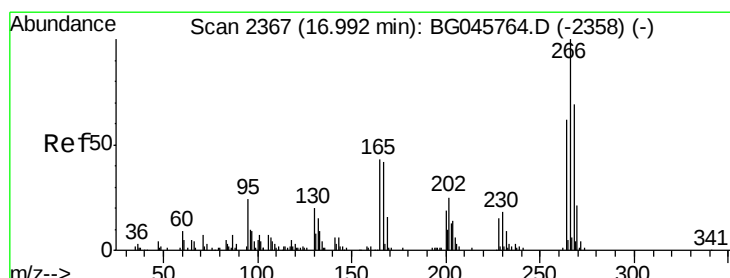
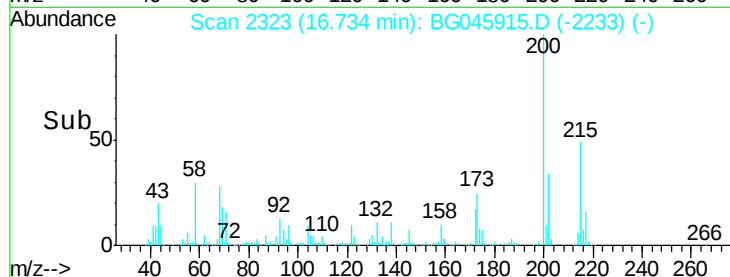
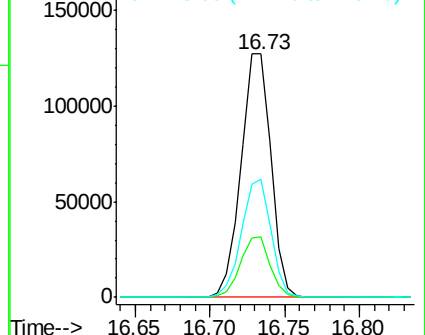
215 48.7 30.5 70.5



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: 76.928 ng

RT: 16.93 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

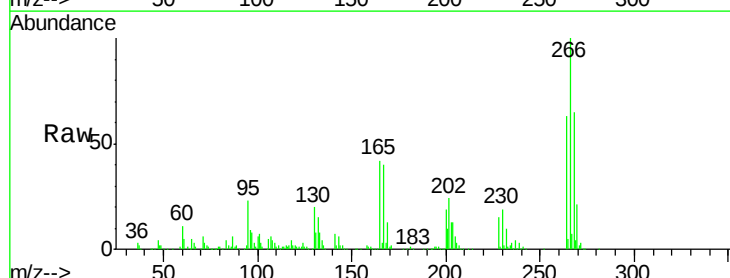
Tgt Ion:266 Resp: 171209

Ion Ratio Lower Upper

266 100

268 65.4 50.5 75.7

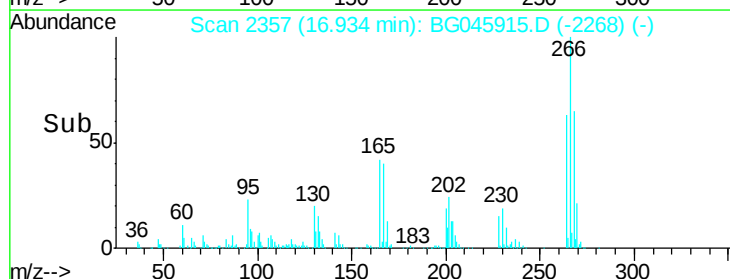
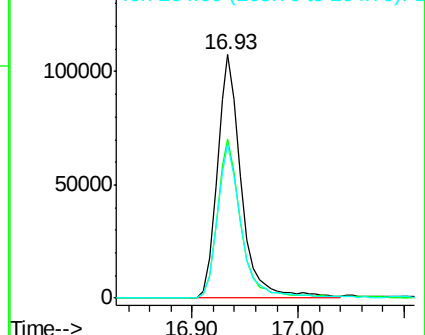
264 63.0 47.0 70.6

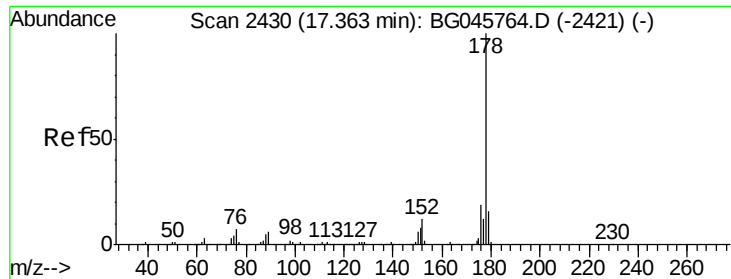


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 50.049 ng

RT: 17.31 min Scan# 2421

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

ClientSampleId :

SP2-LMS

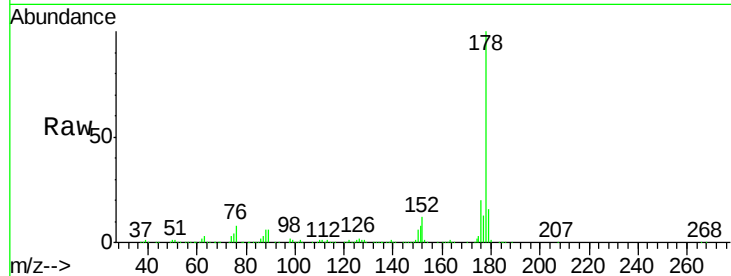
Tot Ion:178 Resp: 868182

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

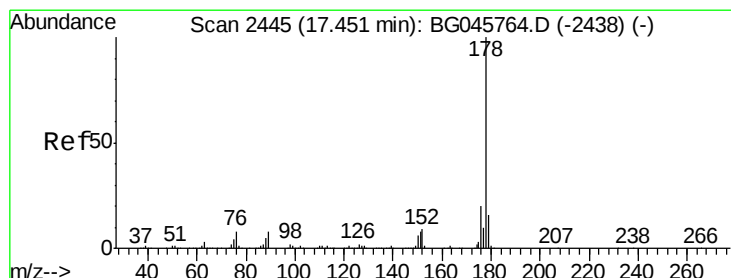
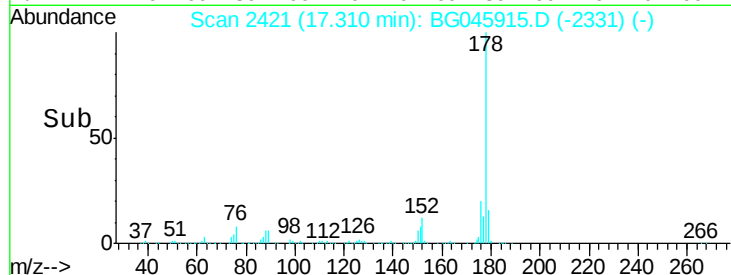
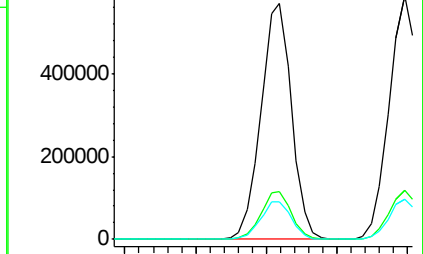
179 16.0 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.727 ng

RT: 17.40 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

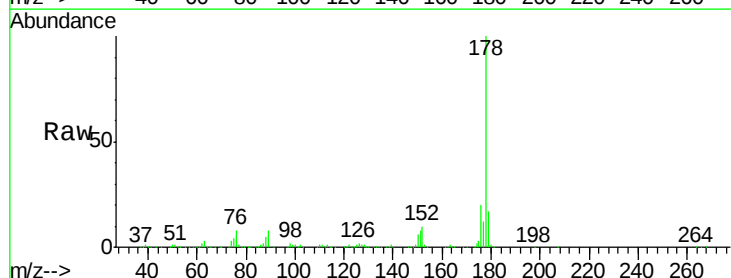
Tgt Ion:178 Resp: 876249

Ion Ratio Lower Upper

178 100

176 20.1 15.6 23.4

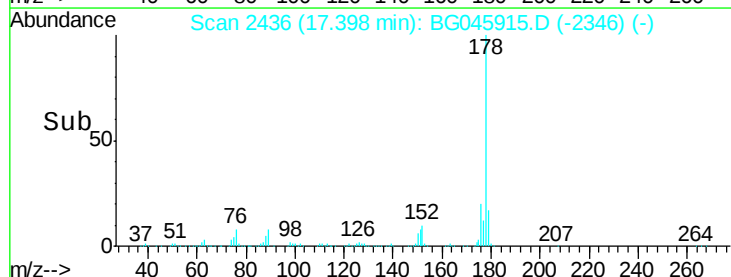
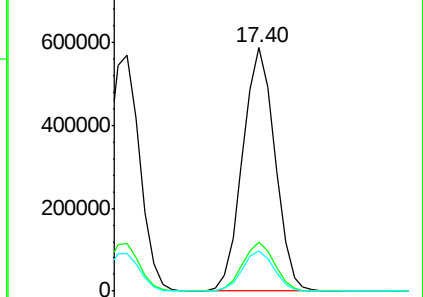
179 16.6 13.0 19.4

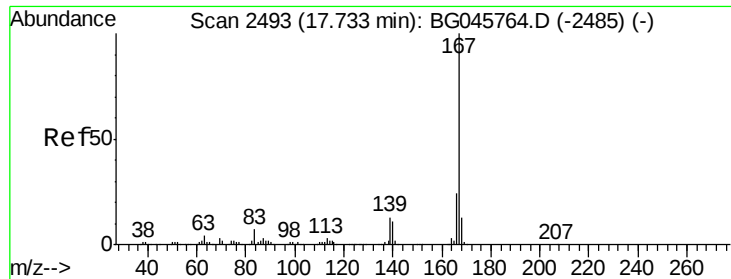


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

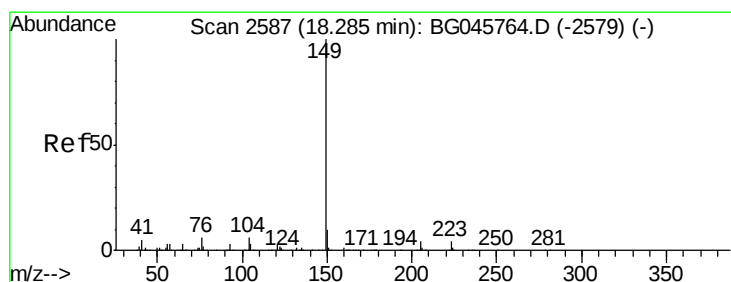
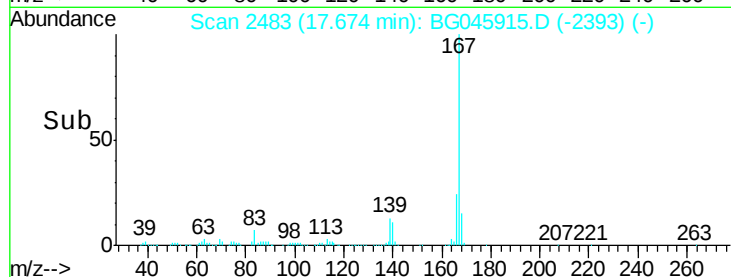
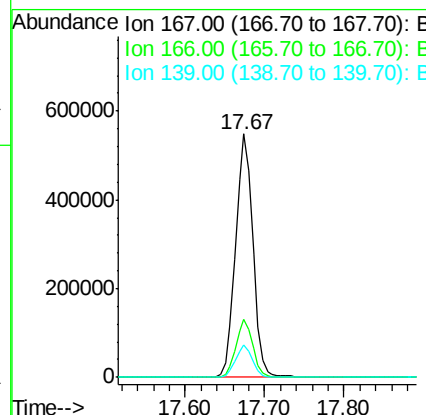
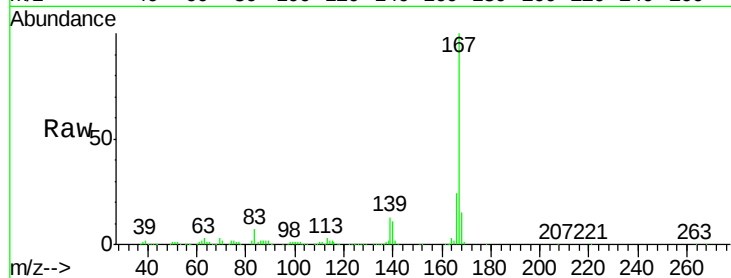




#73
 Carbazole
 Concen: 50.474 ng
 RT: 17.67 min Scan# 2483
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

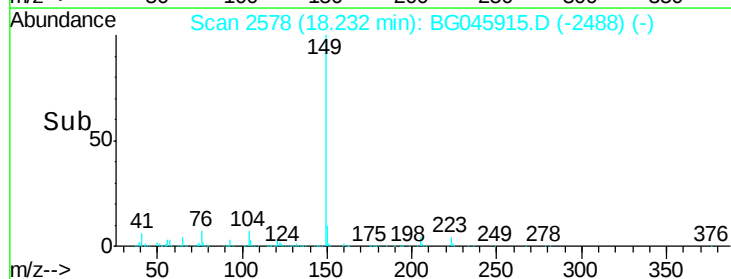
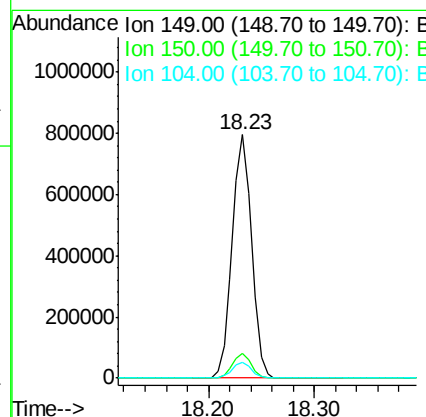
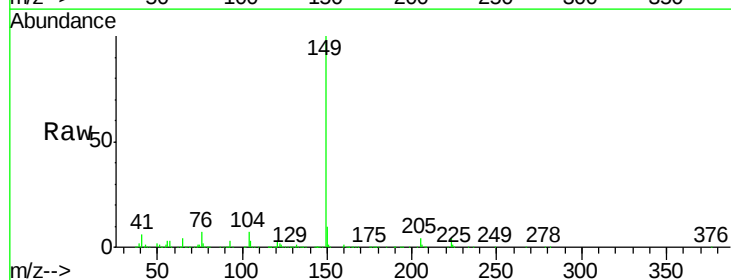
Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMS

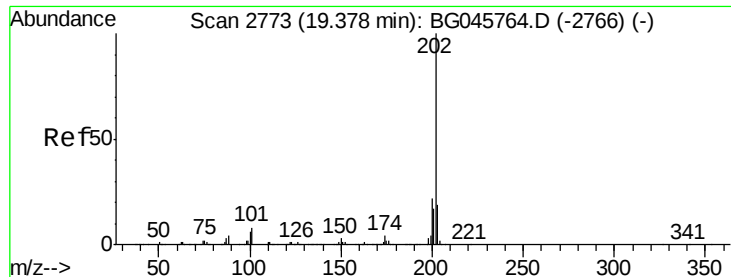
Tot Ion:167 Resp: 830181
 Ion Ratio Lower Upper
 167 100
 166 23.7 18.9 28.3
 139 13.4 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 51.727 ng
 RT: 18.23 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Tgt Ion:149 Resp: 1007367
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.4 11.0
 104 6.7 5.0 7.4





#75

Fluoranthene

Concen: 52.281 ng

RT: 19.32 min Scan# 2764

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

ClientSampleId :

SP2-LMS

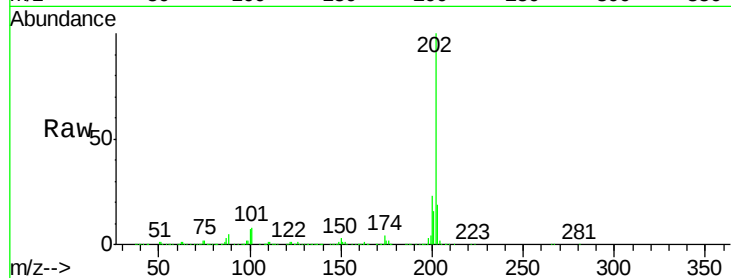
Tot Ion:202 Resp: 1115171

Ion Ratio Lower Upper

202 100

101 7.9 0.0 28.3

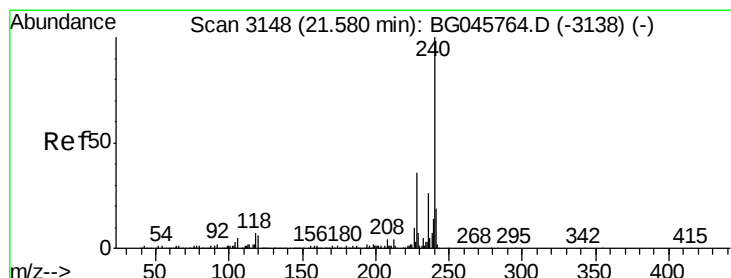
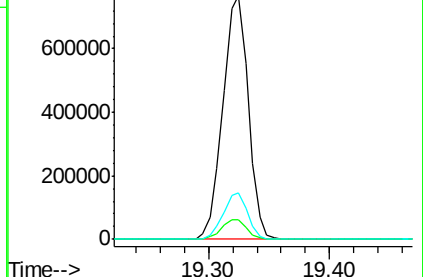
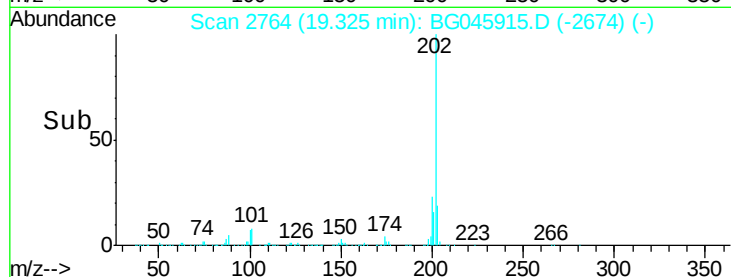
203 19.2 0.0 38.5



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: 21.52 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

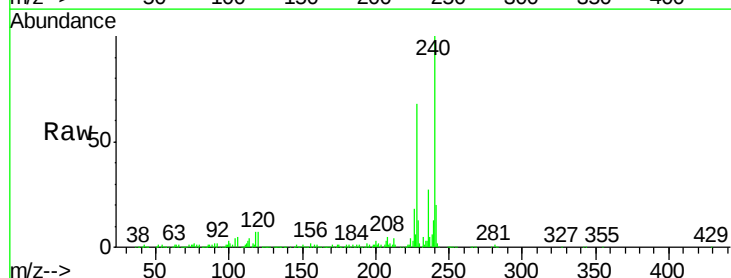
Tgt Ion:240 Resp: 336042

Ion Ratio Lower Upper

240 100

120 6.8 5.2 7.8

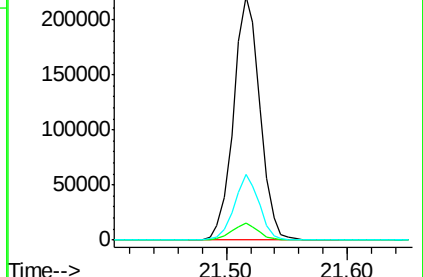
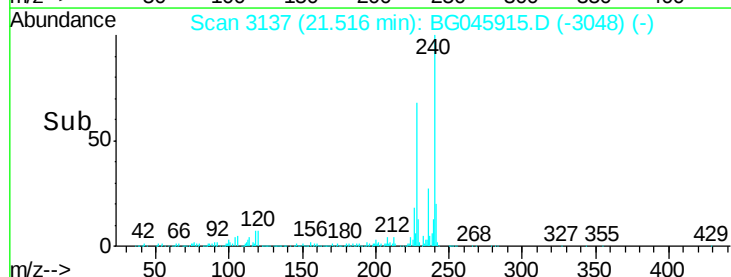
236 26.8 20.8 31.2

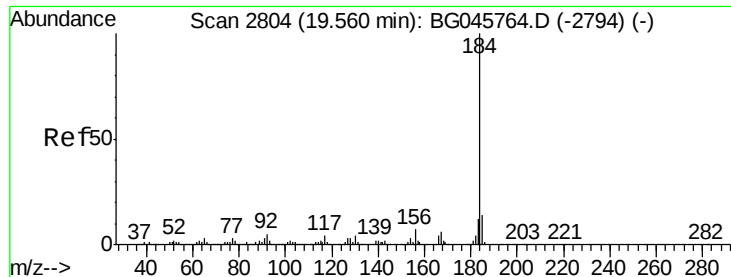


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 11.795 ng

RT: 19.51 min Scan# 2796

Delta R.T. 0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

ClientSampleId :

SP2-LMS

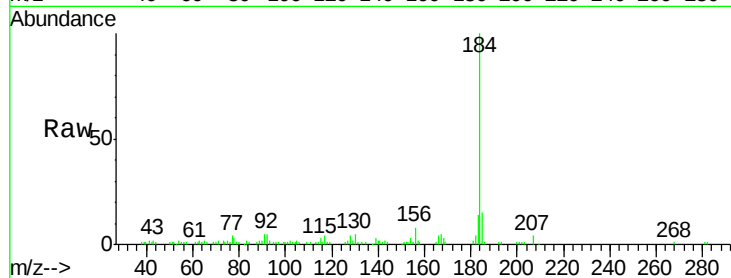
Tot Ion:184 Resp: 103042

Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

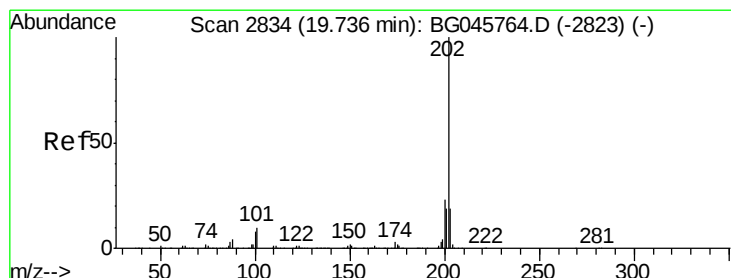
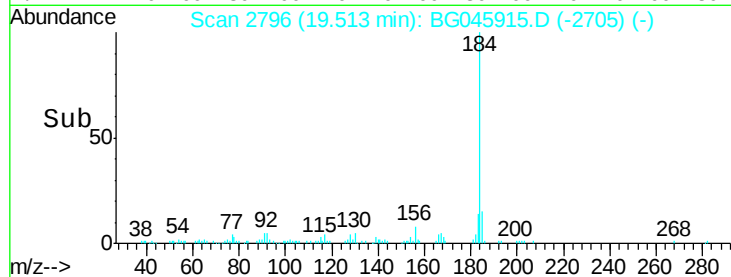
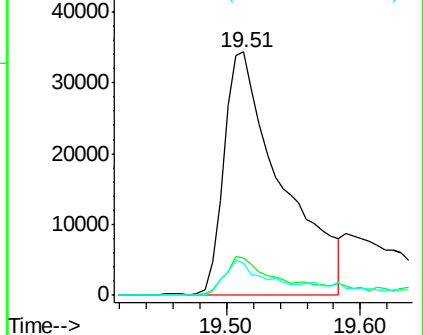
183 13.5 10.6 15.8



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: 48.974 ng

RT: 19.68 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

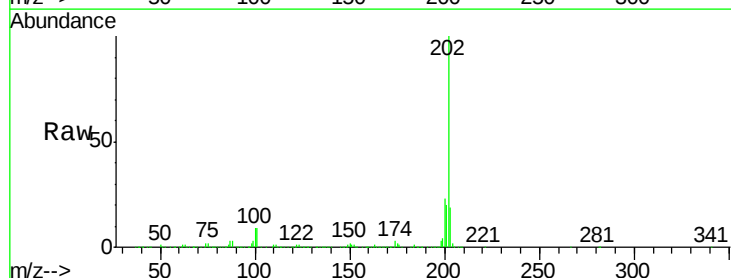
Tgt Ion:202 Resp: 1102037

Ion Ratio Lower Upper

202 100

200 22.7 18.1 27.1

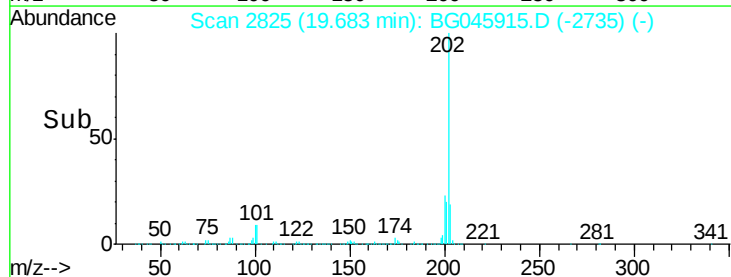
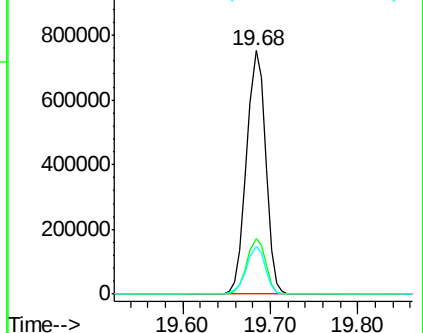
203 19.4 15.1 22.7

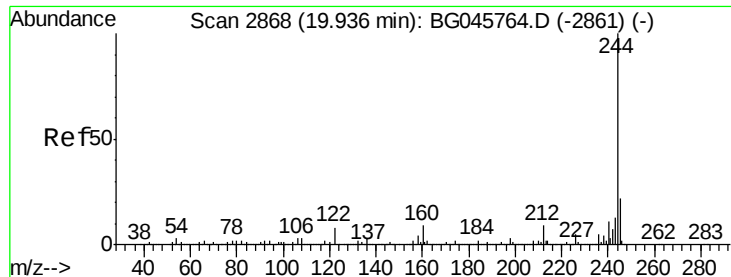


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 100.605 ng

RT: 19.89 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

ClientSampleId :

SP2-LMS

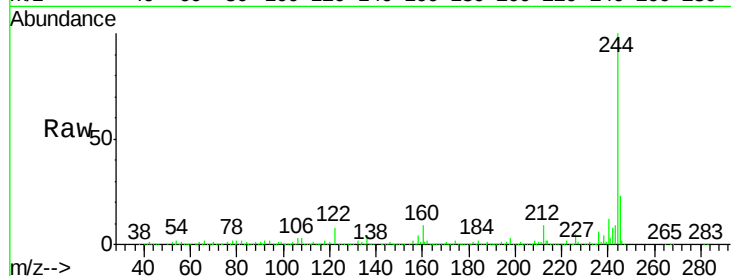
Tot Ion:244 Resp: 1668189

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

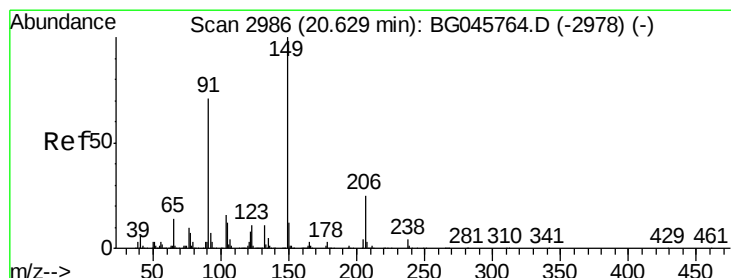
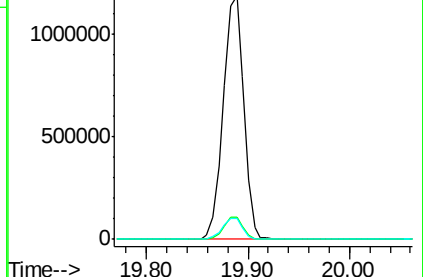
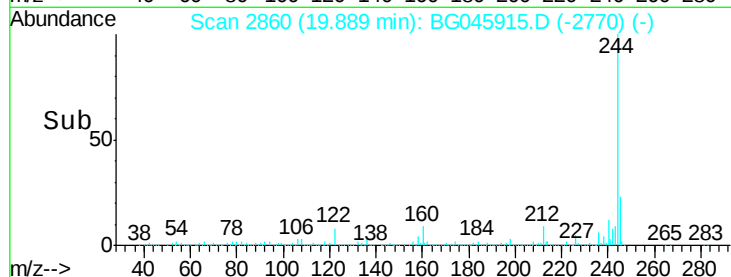
122 8.3 6.6 9.8



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: 48.777 ng

RT: 20.58 min Scan# 2977

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

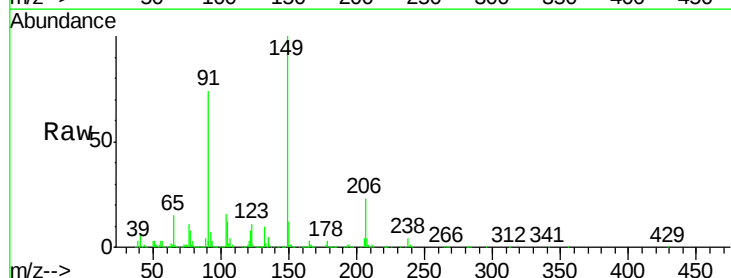
Tgt Ion:149 Resp: 459431

Ion Ratio Lower Upper

149 100

91 73.7 60.4 90.6

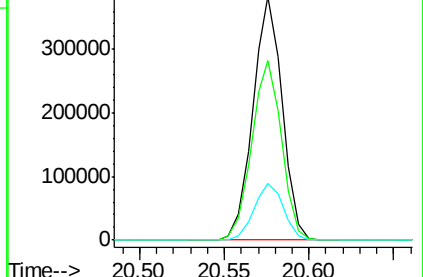
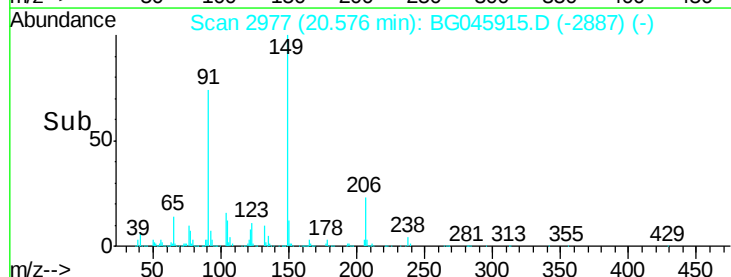
206 23.3 19.8 29.6

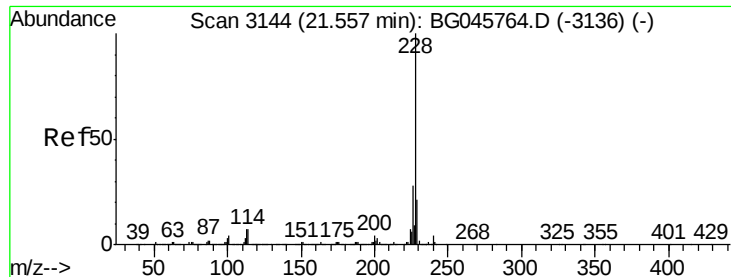


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.126 ng

RT: 21.50 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

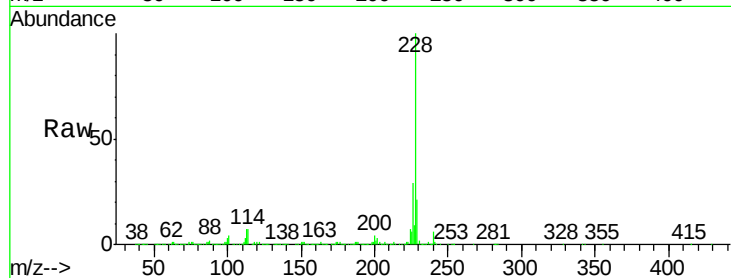
BNA_G

ClientSampleId :

SP2-LMS

Tot Ion:228 Resp: 1070307

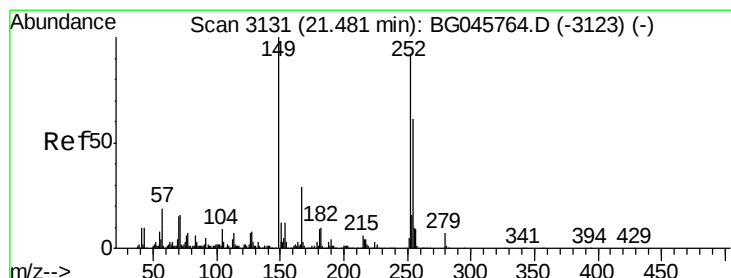
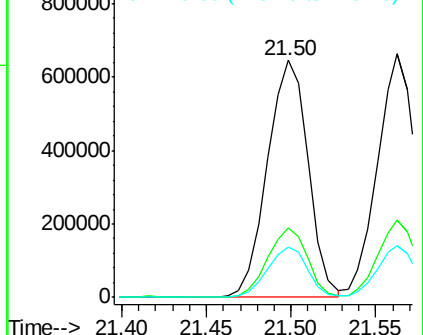
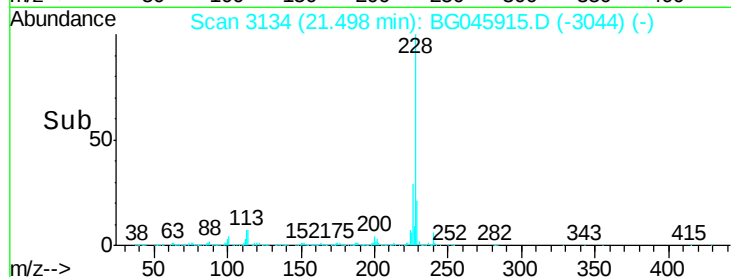
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.3	34.9
229	21.3	16.6	24.8



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: 32.103 ng

RT: 21.42 min Scan# 3120

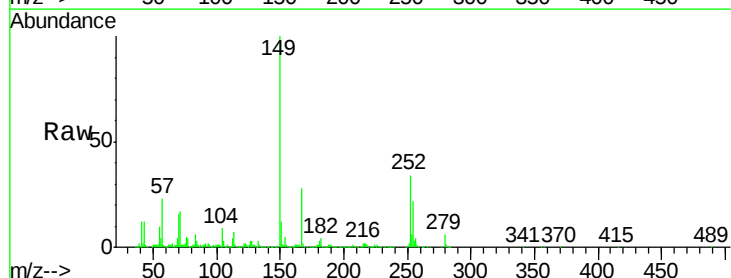
Delta R.T. -0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Tgt Ion:252 Resp: 264563

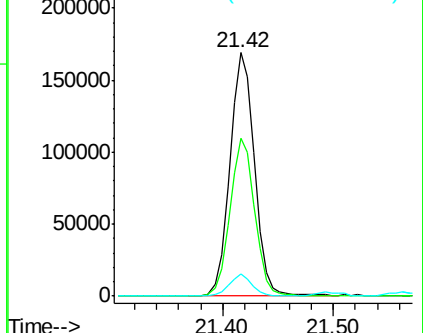
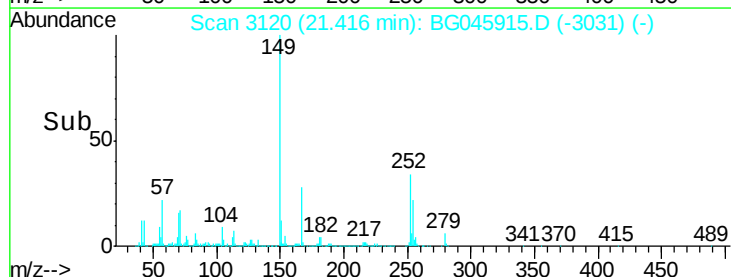
Ion	Ratio	Lower	Upper
252	100		
254	64.6	53.8	80.6
126	8.9	6.4	9.6

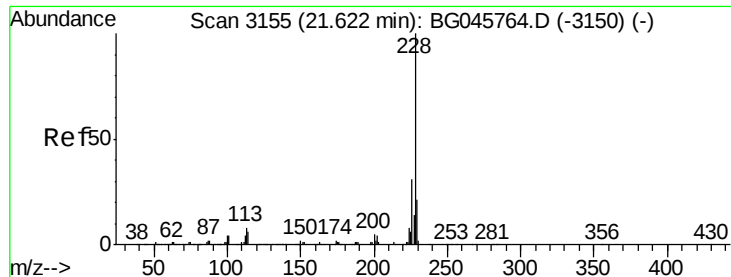


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

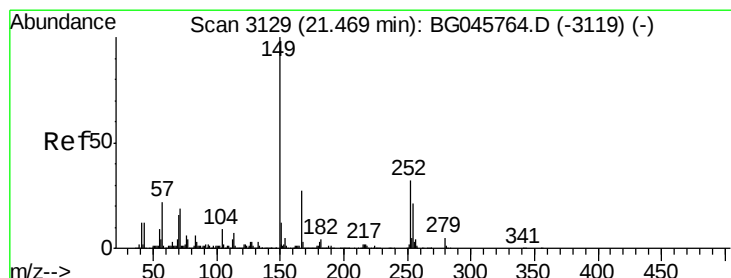
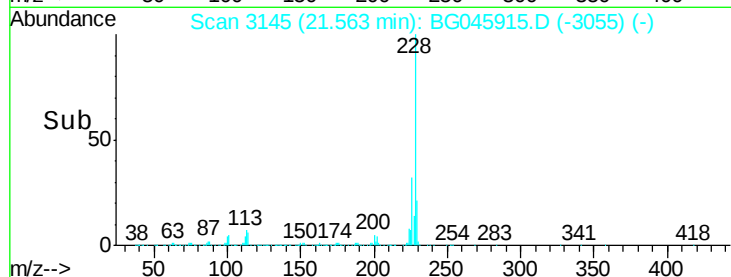
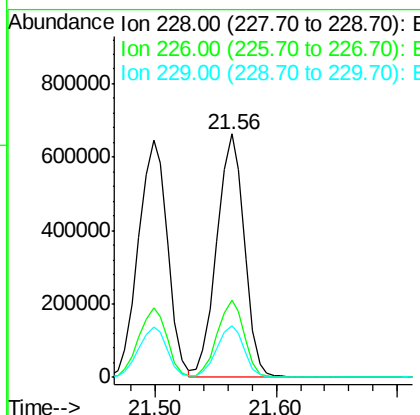
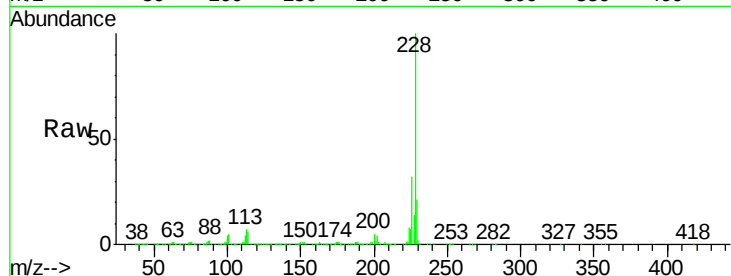




#83
 Chrysene
 Concen: 49.293 ng
 RT: 21.56 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

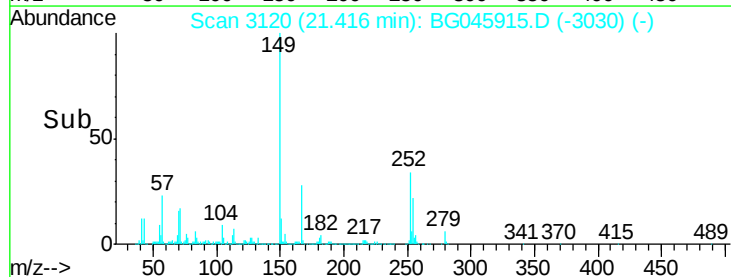
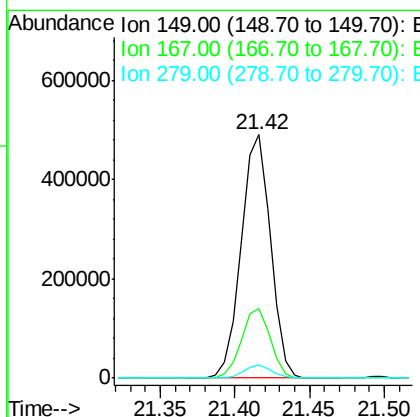
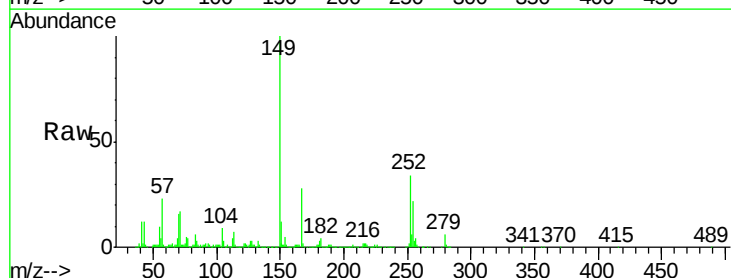
Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMS

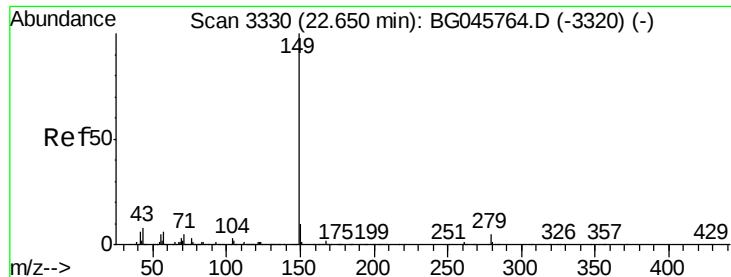
Tot Ion:228 Resp: 1038746
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.8 38.6
 229 21.1 16.4 24.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.726 ng
 RT: 21.42 min Scan# 3120
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Tgt Ion:149 Resp: 664588
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.5 33.7
 279 5.7 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 50.001 ng

RT: 22.57 min Scan# 3317

Delta R.T. -0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

ClientSampleId :

SP2-LMS

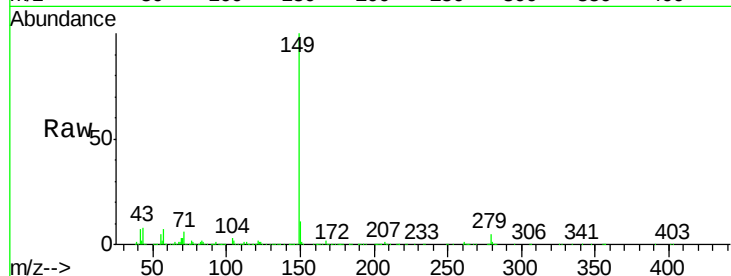
Tot Ion:149 Resp: 1129981

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

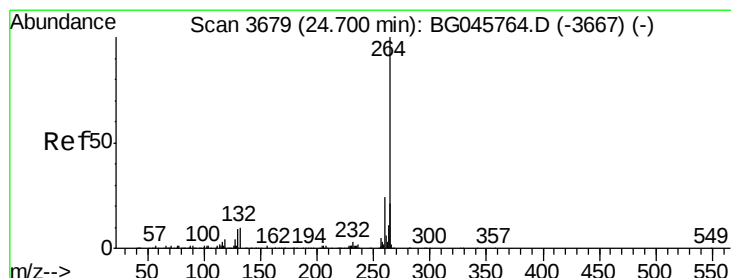
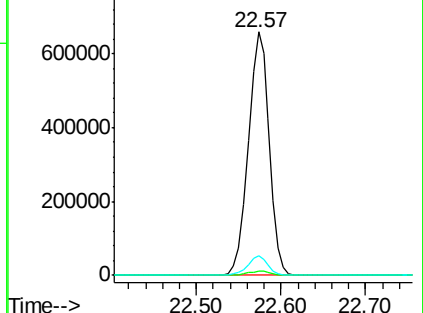
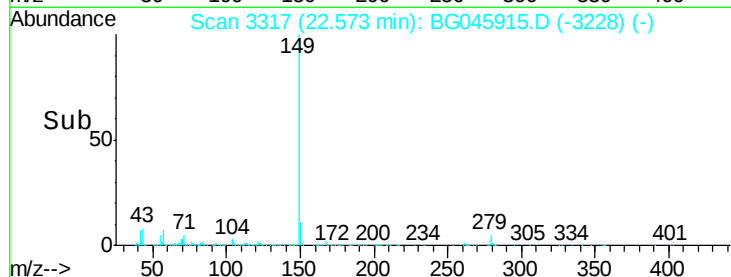
43 7.7 6.1 9.1



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

Perylene-d12

Concen: 20.000 ng

RT: 24.59 min Scan# 3661

Delta R.T. -0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

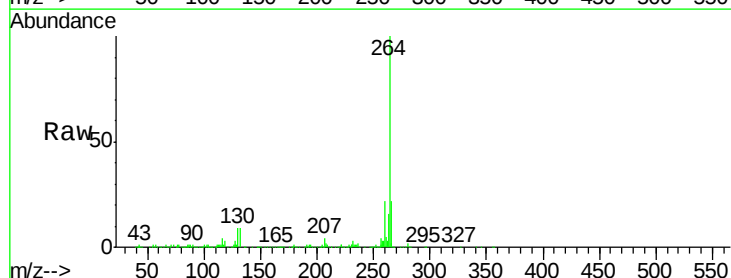
Tgt Ion:264 Resp: 349668

Ion Ratio Lower Upper

264 100

260 21.9 18.5 27.7

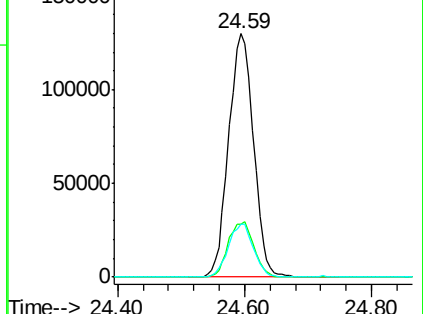
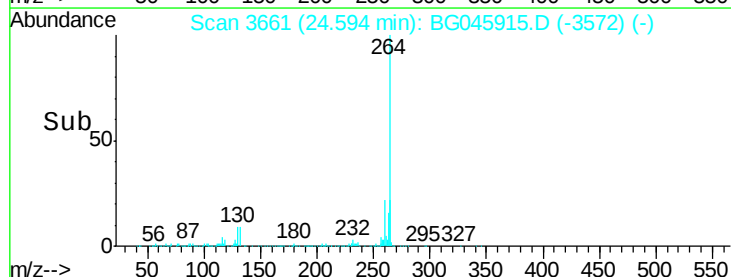
265 21.9 16.4 24.6

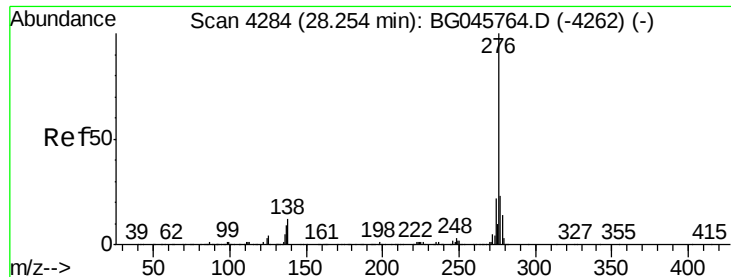


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

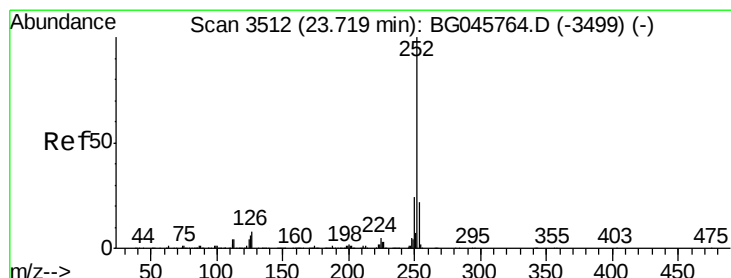
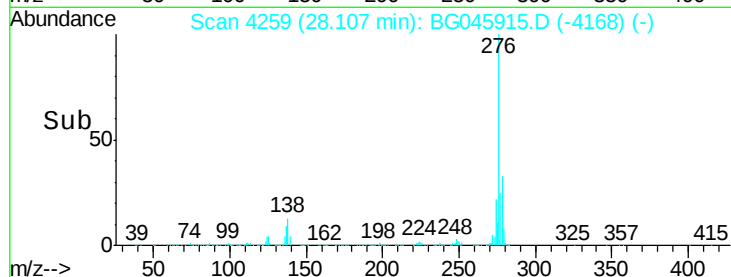
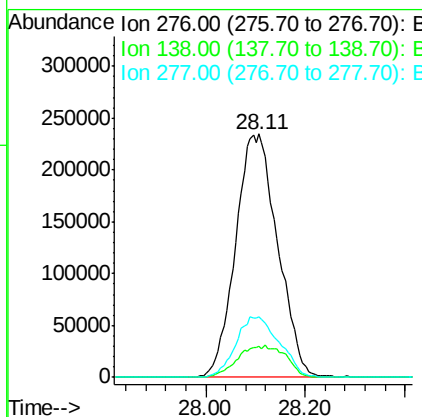
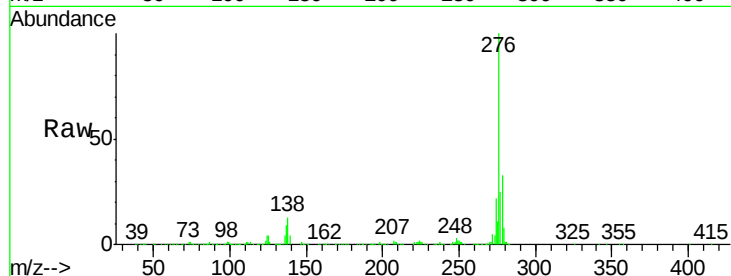




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 54.257 ng
 RT: 28.11 min Scan# 4259
 Delta R.T. 0.01 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

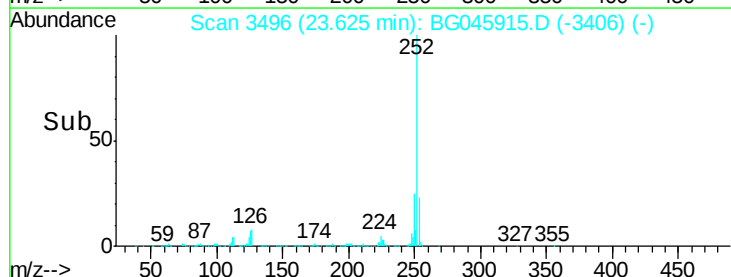
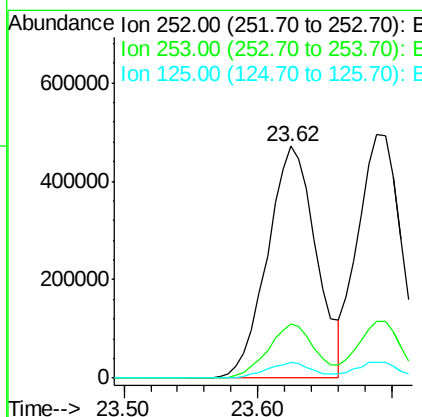
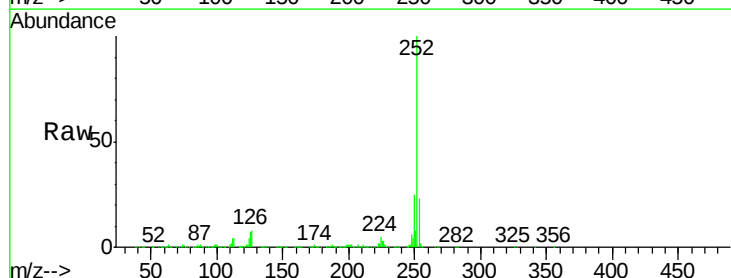
Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMS

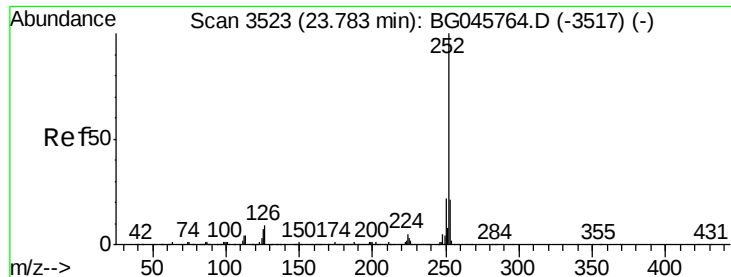
Tot Ion:276 Resp: 1375395
 Ion Ratio Lower Upper
 276 100
 138 7.7 8.4 12.6#
 277 25.7 20.8 31.2



#88
 Benzo(b)fluoranthene
 Concen: 54.514 ng
 RT: 23.62 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Tgt Ion:252 Resp: 1195167
 Ion Ratio Lower Upper
 252 100
 253 23.2 18.5 27.7
 125 6.7 5.2 7.8

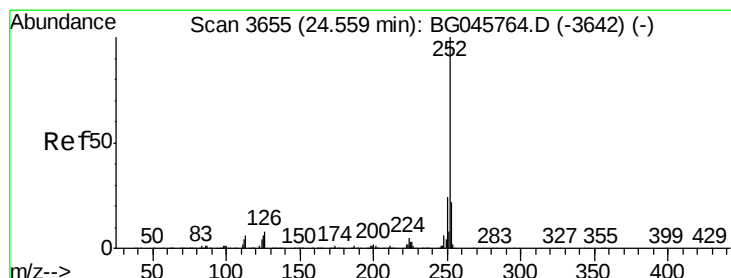
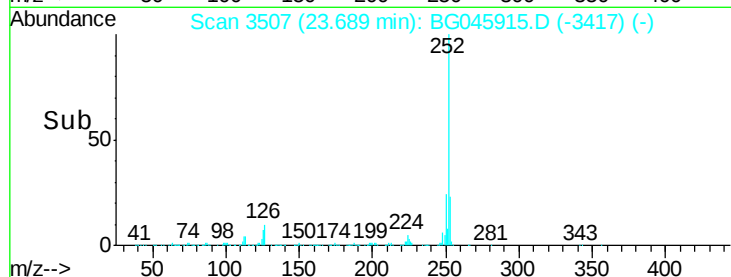
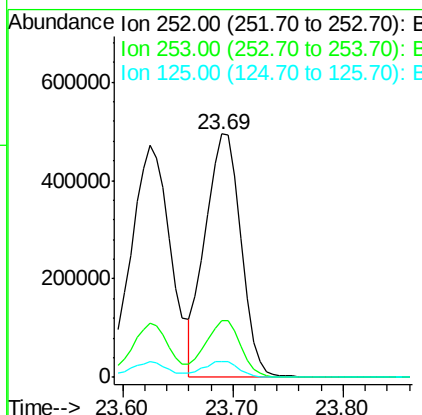
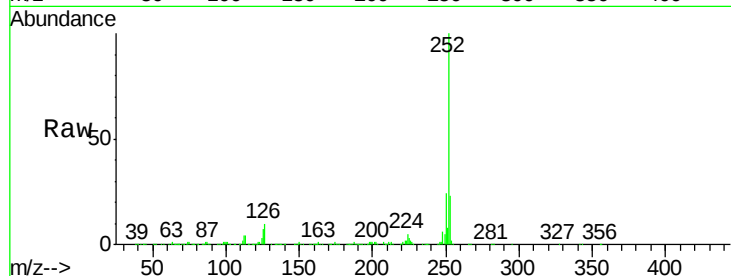




#89
Benzo(k)fluoranthene
Concen: 52.579 ng
RT: 23.69 min Scan# 3507
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

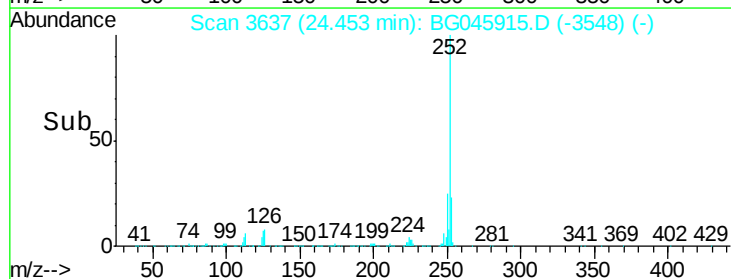
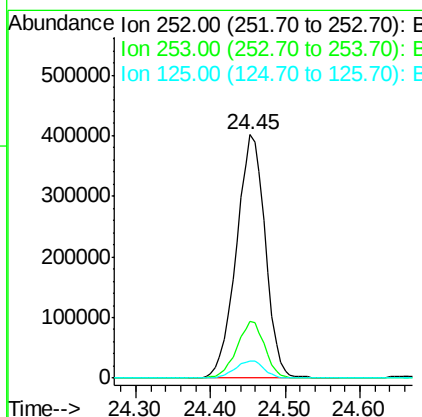
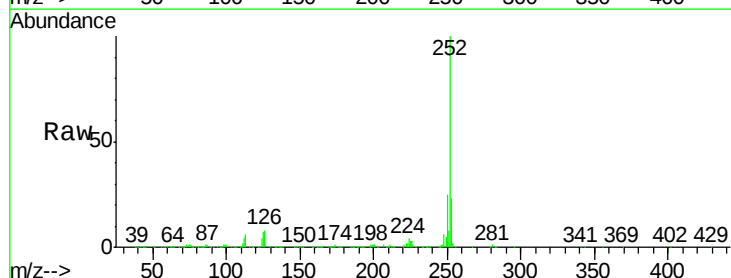
Instrument :
BNA_G
ClientSampleId :
SP2-LMS

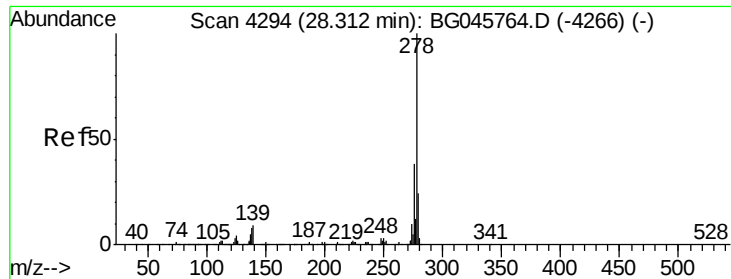
Tot Ion:252 Resp: 1103256
Ion Ratio Lower Upper
252 100
253 23.3 18.3 27.5
125 6.6 5.2 7.8



#90
Benzo(a)pyrene
Concen: 52.668 ng
RT: 24.45 min Scan# 3637
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion:252 Resp: 1078638
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 6.9 5.4 8.0





#91

Dibenzo(a,h)anthracene

Concen: 55.260 ng

RT: 28.16 min Scan# 4268

Delta R.T. 0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

ClientSampleId :

SP2-LMS

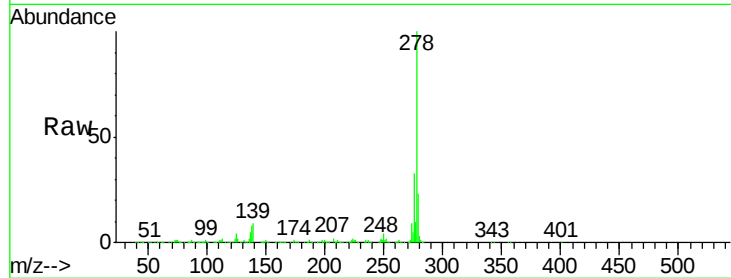
Tot Ion:278 Resp: 1123313

Ion Ratio Lower Upper

278 100

139 9.1 7.8 11.8

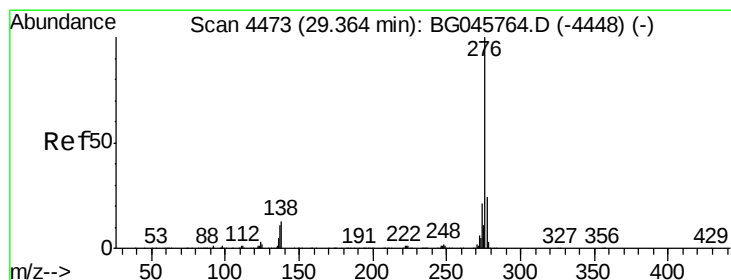
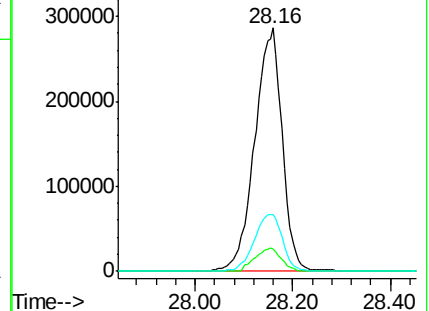
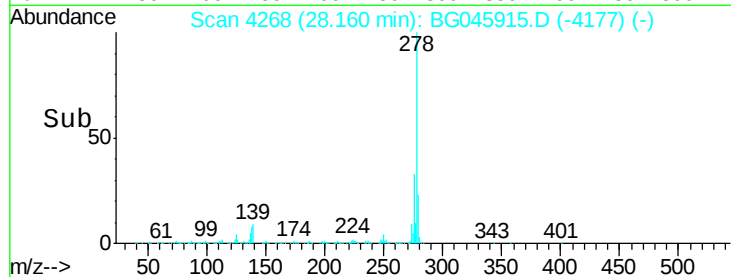
279 23.3 19.4 29.0



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: 55.265 ng

RT: 29.19 min Scan# 4443

Delta R.T. -0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

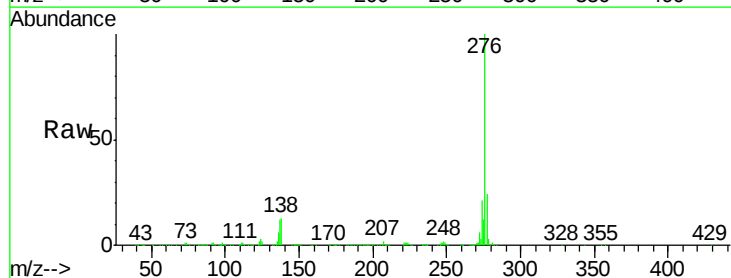
Tgt Ion:276 Resp: 1124440

Ion Ratio Lower Upper

276 100

277 23.7 18.2 27.2

138 12.8 10.1 15.1



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

