

Data File : BG043939.D
Acq On : 6 Jan 2020 20:13
Operator : JU
Sample : IDOC-S-02-CG
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOC-S-02-CG

Quant Time: Jan 07 04:48:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	118524	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	529527	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	344097	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	755088	20.00	ng	0.00
76) Chrysene-d12	21.58	240	654812	20.00	ng	0.00
87) Perylene-d12	24.72	264	745251	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	869727	134.73	ng	0.00
7) Phenol-d6	7.13	99	1138064	126.13	ng	0.00
23) Nitrobenzene-d5	9.12	82	723948	73.14	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	427230	118.65	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1558713	82.07	ng	0.00
79) Terphenyl-d14	19.95	244	2178204	78.59	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	113037	40.162	ng	99
3) Pyridine	3.82	79	282431	33.968	ng	96
4) n-Nitrosodimethylamine	3.74	42	148362	40.078	ng	98
6) Aniline	7.28	93	382615	32.284	ng	98
8) 2-Chlorophenol	7.53	128	359581	47.450	ng	97
9) Benzaldehyde	7.09	77	215516	37.319	ng	99
10) Phenol	7.15	94	438534	47.171	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	338950	42.238	ng	99
12) 1,3-Dichlorobenzene	7.85	146	362139	40.836	ng	99
13) 1,4-Dichlorobenzene	7.99	146	369334	42.210	ng	99
14) 1,2-Dichlorobenzene	8.32	146	348864	41.539	ng	100
15) Benzyl Alcohol	8.19	79	309213	43.421	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	477502	38.461	ng	100
17) 2-Methylphenol	8.41	107	316511	47.047	ng	98
18) Hexachloroethane	9.05	117	139399	40.943	ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	269877	40.162	ng	98
20) 3+4-Methylphenols	8.73	107	428365	45.643	ng	96
22) Acetophenone	8.78	105	497619	37.800	ng	99
24) Nitrobenzene	9.16	77	383577	39.126	ng	99
25) Isophorone	9.68	82	732086	39.422	ng	100
26) 2-Nitrophenol	9.87	139	196687	42.405	ng	98
27) 2,4-Dimethylphenol	9.94	122	341362	48.892	ng	99
28) bis(2-Chloroethoxy)methane	10.17	93	470021	37.964	ng	99
29) 2,4-Dichlorophenol	10.41	162	354369	42.550	ng	96
30) 1,2,4-Trichlorobenzene	10.63	180	359398	38.487	ng	99
31) Naphthalene	10.82	128	1051400	41.031	ng	99
32) Benzoic acid	10.06	122	132253	26.488	ng	95
33) 4-Chloroaniline	10.91	127	271990	22.254	ng	100
34) Hexachlorobutadiene	11.11	225	209400	36.728	ng	98
35) Caprolactam	11.68	113	94786	30.573	ng	98
36) 4-Chloro-3-methylphenol	12.04	107	376738	42.493	ng	97
37) 2-Methylnaphthalene	12.42	142	782269	40.549	ng	97
38) 1-Methylnaphthalene	12.64	142	745206	40.757	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	372567	36.941	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	493979	94.474	ng	99
43) 2,4,6-Trichlorophenol	13.02	196	282149	40.658	ng	98
44) 2,4,5-Trichlorophenol	13.10	196	303547	42.410	ng	98
46) 1,1'-Biphenyl	13.43	154	989222	40.096	ng	98
47) 2-Chloronaphthalene	13.46	162	775508	38.900	ng	98
48) 2-Nitroaniline	13.66	65	246641	38.461	ng	97
49) Acenaphthylene	14.31	152	1210428	42.243	ng	98
50) Dimethylphthalate	14.05	163	988152	40.445	ng	99
51) 2,6-Dinitrotoluene	14.16	165	228027	41.292	ng	97
52) Acenaphthene	14.66	154	856922	42.644	ng	98
53) 3-Nitroaniline	14.49	138	181244	28.902	ng	98
54) 2,4-Dinitrophenol	14.69	184	189919	68.363	ng	97
55) Dibenzofuran	14.99	168	1166024	42.152	ng	99
56) 4-Nitrophenol	14.80	139	438077	91.162	ng	96
57) 2,4-Dinitrotoluene	14.95	165	316866	42.169	ng	98
58) Fluorene	15.64	166	921740	42.040	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	260478	42.323	ng	98
60) Diethylphthalate	15.42	149	1014691	41.523	ng	98
61) 4-Chlorophenyl-phenylether	15.63	204	481336	40.430	ng	97
62) 4-Nitroaniline	15.65	138	245710	39.677	ng	96
63) Azobenzene	15.93	77	950687	41.949	ng	100
65) 4,6-Dinitro-2-methylphenol	15.71	198	157733	41.226	ng	97
66) n-Nitrosodiphenylamine	15.84	169	868286	39.048	ng	99
67) 4-Bromophenyl-phenylether	16.53	248	314102	36.986	ng	97
68) Hexachlorobenzene	16.65	284	333049	36.395	ng	98
69) Atrazine	16.80	200	329681	45.612	ng	99
70) Pentachlorophenol	16.99	266	364050	72.169	ng	99
71) Phenanthrene	17.38	178	1461613	40.356	ng	99
72) Anthracene	17.47	178	1498981	41.878	ng	100
73) Carbazole	17.74	167	1383082	41.831	ng	99
74) Di-n-butylphthalate	18.31	149	1698299	40.231	ng	99
75) Fluoranthene	19.38	202	1700022	41.043	ng	98
77) Benzidine	19.56	184	910615	55.326	ng	99
78) Pyrene	19.75	202	1703265	39.850	ng	99
80) Butylbenzylphthalate	20.64	149	796680	39.150	ng	98
81) Benzo(a)anthracene	21.57	228	1651060	40.663	ng	99
82) 3,3'-Dichlorobenzidine	21.48	252	500548	31.204	ng	97
83) Chrysene	21.63	228	1551034	40.202	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	1120311	39.900	ng	99
85) Di-n-octyl phthalate	22.68	149	1929831	40.883	ng	99
86) Indeno(1,2,3-cd)pyrene	28.25	276	2027779	38.675	ng	# 89
88) Benzo(b)fluoranthene	23.72	252	1754076	39.813	ng	99
89) Benzo(k)fluoranthene	23.79	252	1685105	40.221	ng	99
90) Benzo(a)pyrene	24.56	252	1625018	39.079	ng	98
91) Dibenzo(a,h)anthracene	28.32	278	1648794	39.482	ng	97
92) Benzo(g,h,i)perylene	29.35	276	1643140	39.611	ng	97

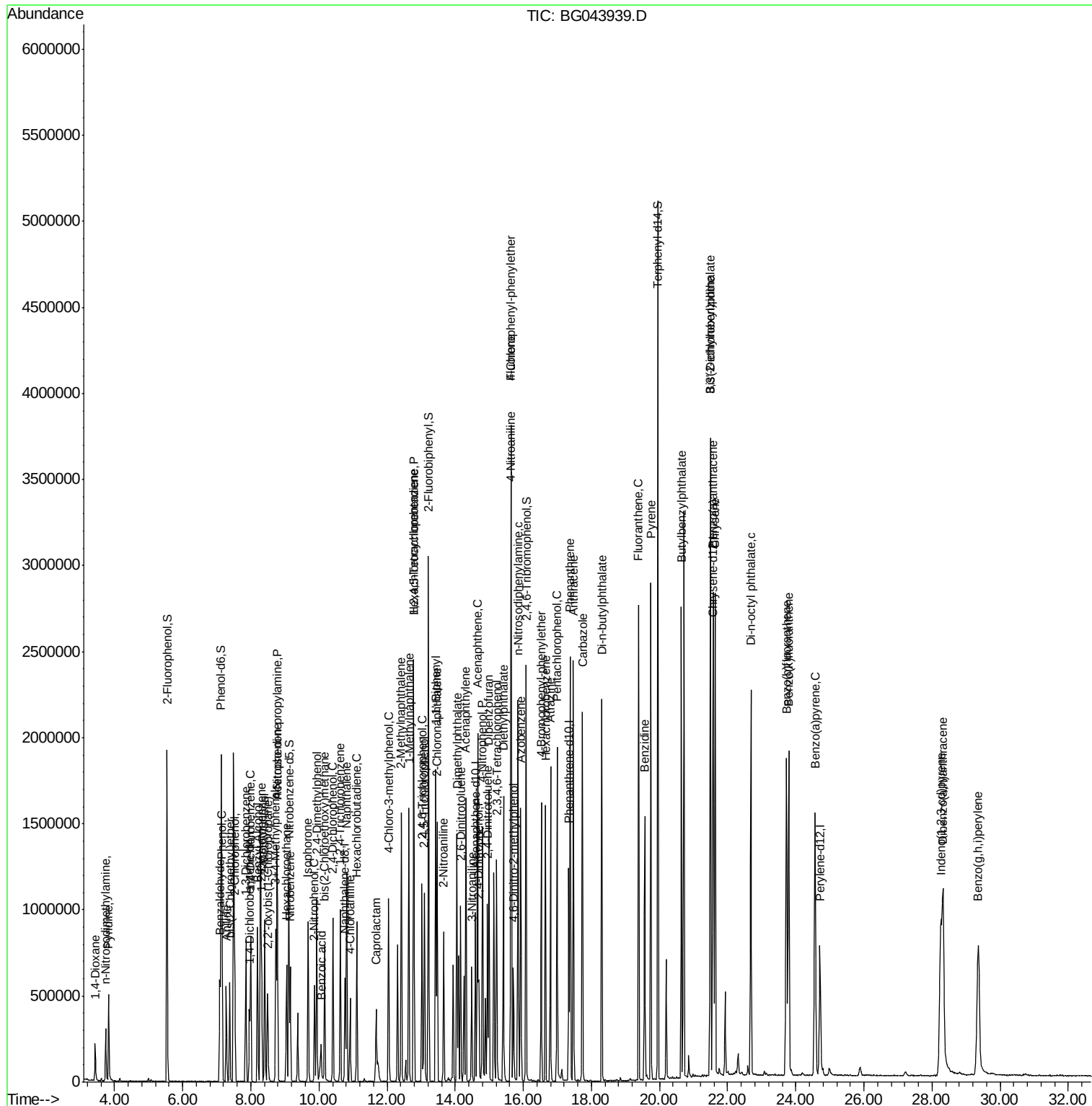
(#) = qualifier out of range (m) = manual integration (+) = signals summed

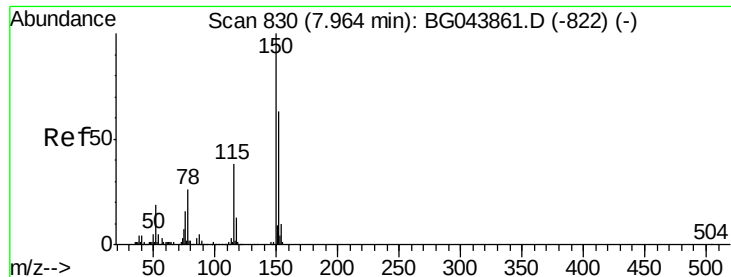
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.00 min

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Instrument :

BNA_G

ClientSampleId :

IDOC-S-02-CG

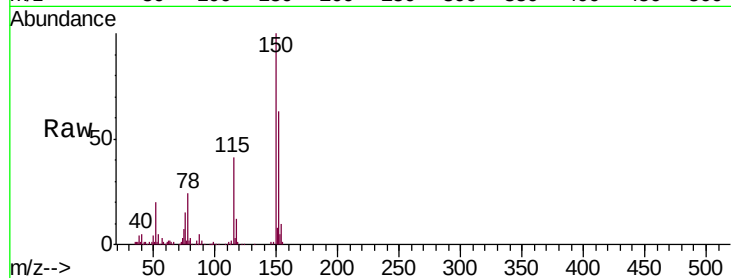
Tgt Ion:152 Resp: 118524

Ion Ratio Lower Upper

152 100

150 158.8 127.0 190.4

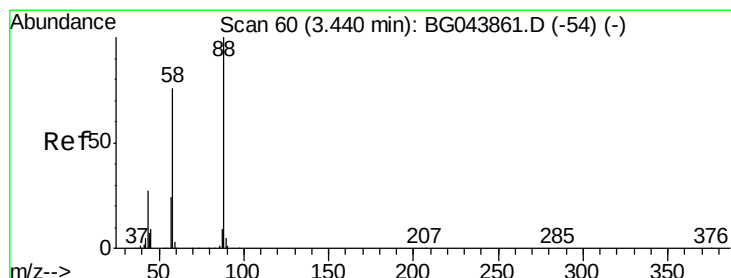
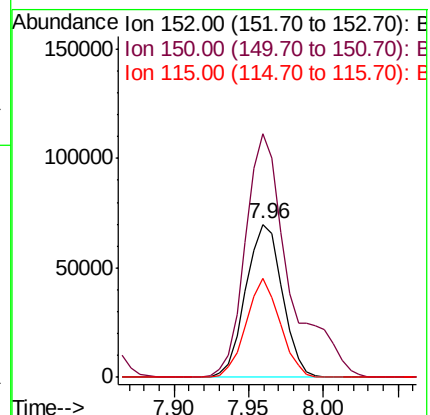
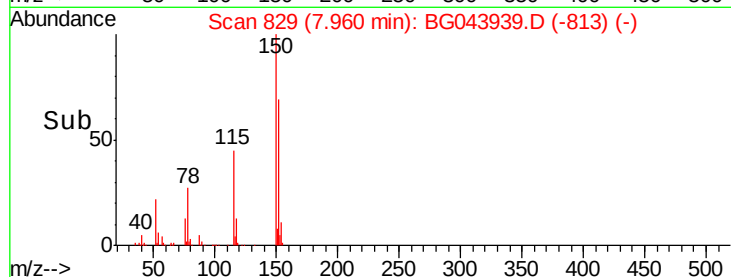
115 64.4 47.8 71.8



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: 40.162 ng

RT: 3.43 min Scan# 58

Delta R.T. -0.01 min

Lab File: BG043939.D

Acq: 6 Jan 2020 20:13

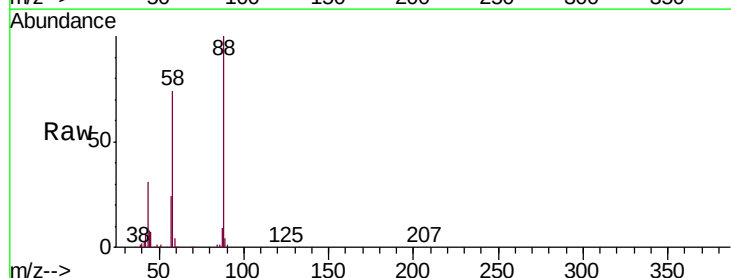
Tgt Ion: 88 Resp: 113037

Ion Ratio Lower Upper

88 100

58 75.5 59.8 89.8

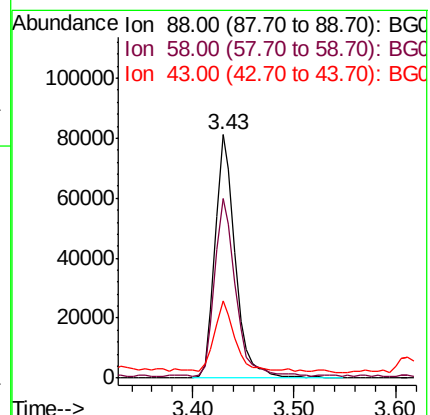
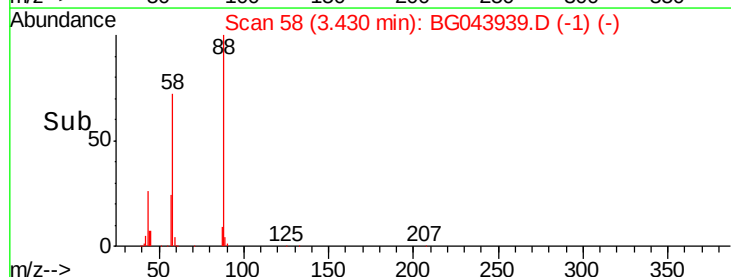
43 27.7 22.9 34.3

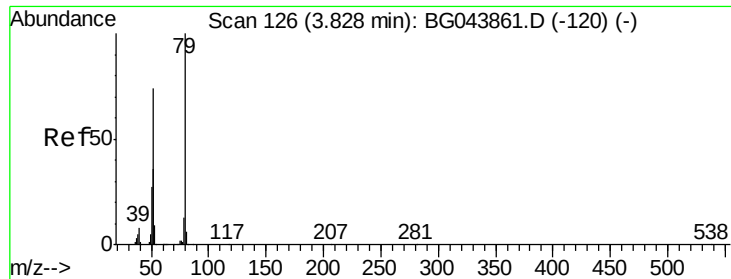


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 33.968 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG043939.D

Acq: 6 Jan 2020 20:13

Instrument :

BNA_G

ClientSampleId :

IDOC-S-02-CG

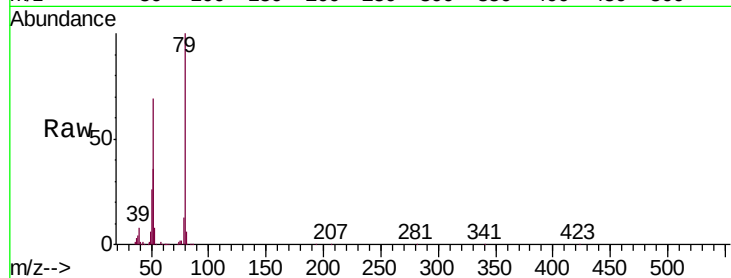
Tgt Ion: 79 Resp: 282431

Ion Ratio Lower Upper

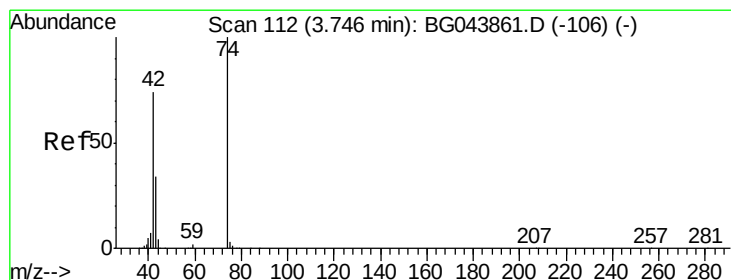
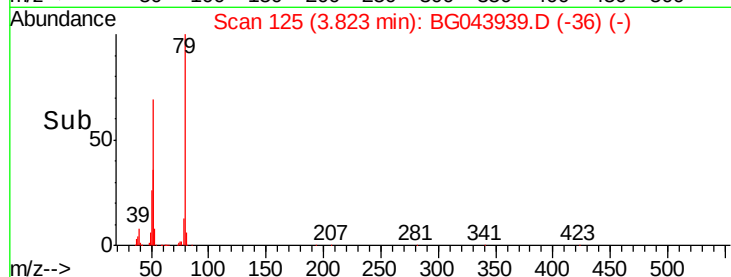
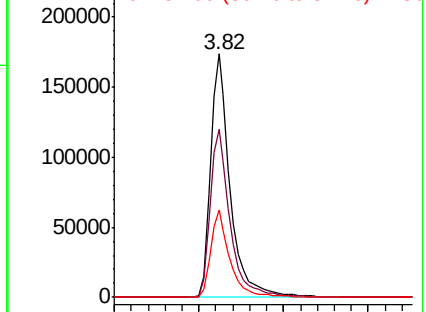
79 100

52 68.9 58.9 88.3

51 36.0 28.6 43.0



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: 40.078 ng

RT: 3.74 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG043939.D

Acq: 6 Jan 2020 20:13

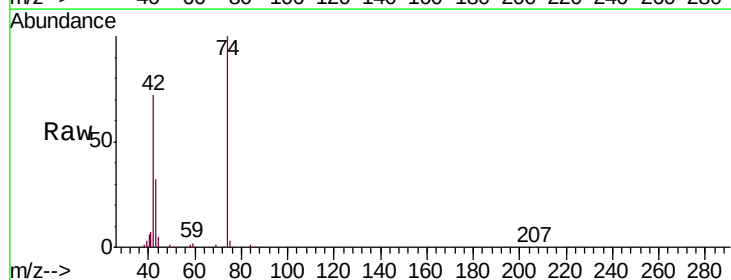
Tgt Ion: 42 Resp: 148362

Ion Ratio Lower Upper

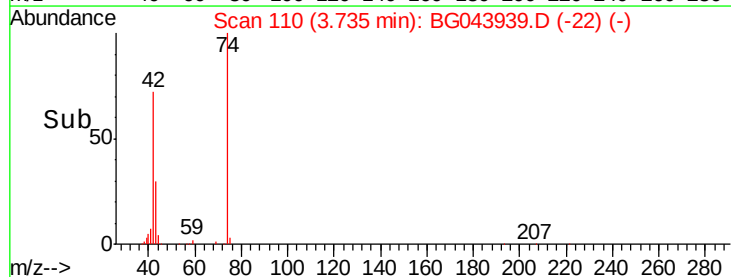
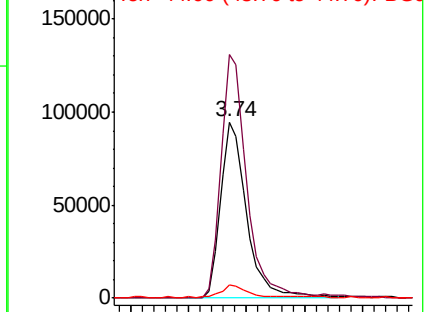
42 100

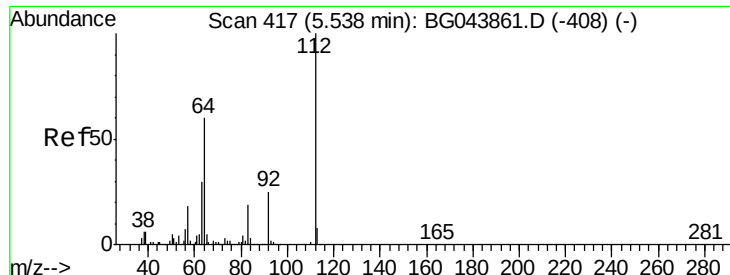
74 138.2 108.6 162.8

44 7.3 5.0 7.6



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: 134.734 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043939.D

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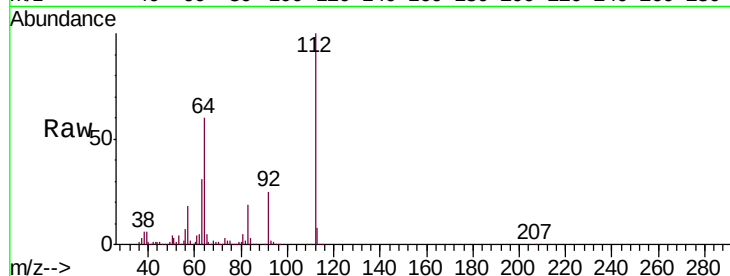
Tgt Ion: 112 Resp: 869727

Ion Ratio Lower Upper

112 100

64 60.2 47.8 71.6

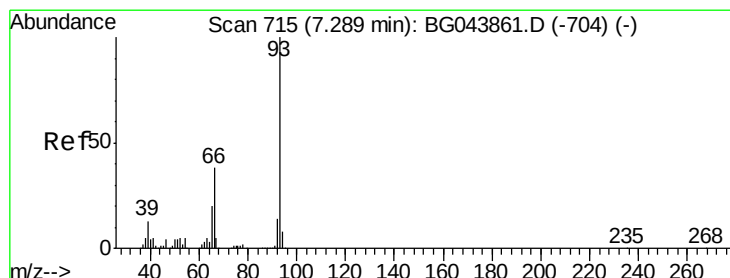
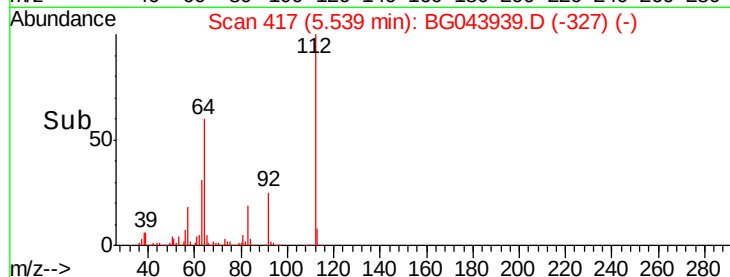
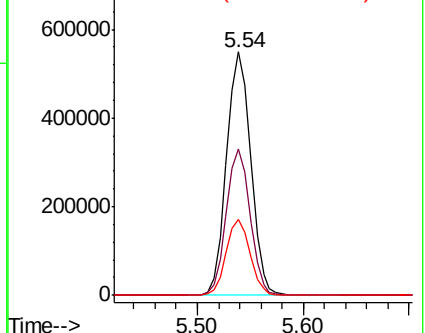
63 31.4 24.3 36.5



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: 32.284 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG043939.D

Acq: 6 Jan 2020 20:13

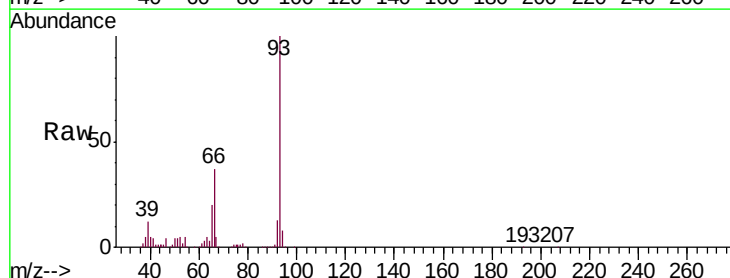
Tgt Ion: 93 Resp: 382615

Ion Ratio Lower Upper

93 100

66 36.8 30.8 46.2

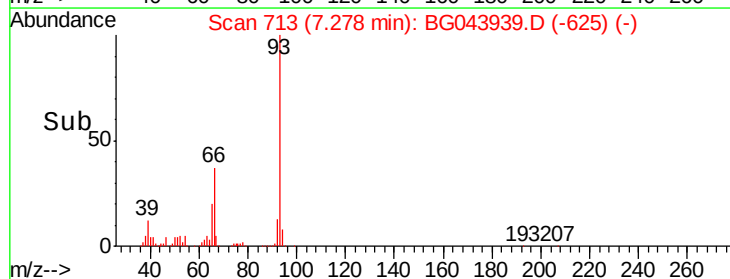
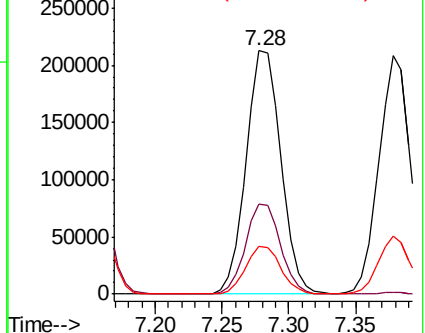
65 19.8 16.0 24.0

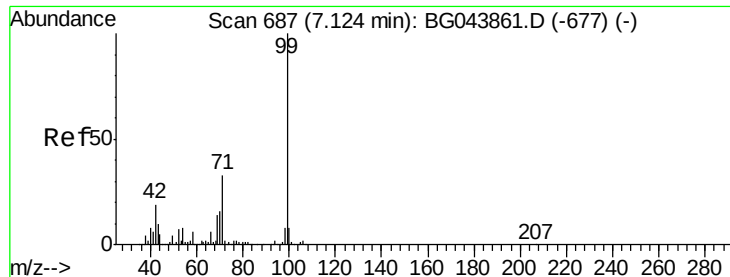


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.128 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

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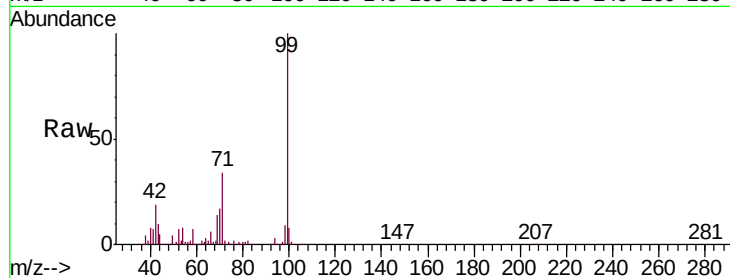
Tgt Ion: 99 Resp: 1138064

Ion Ratio Lower Upper

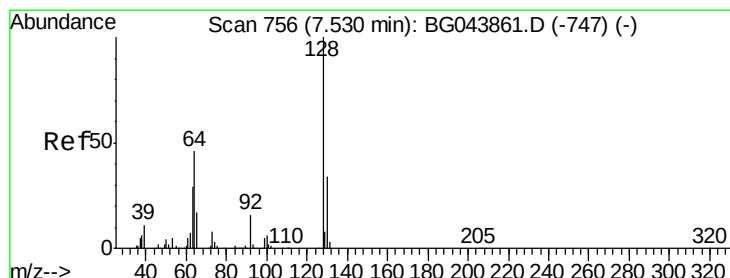
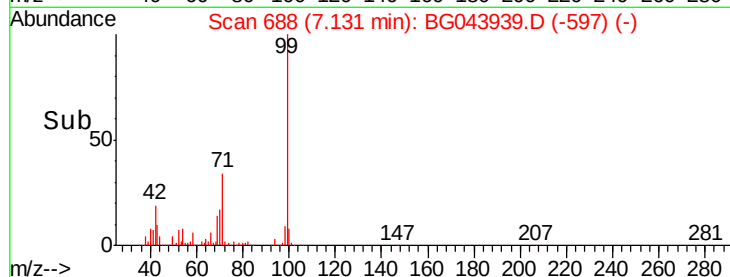
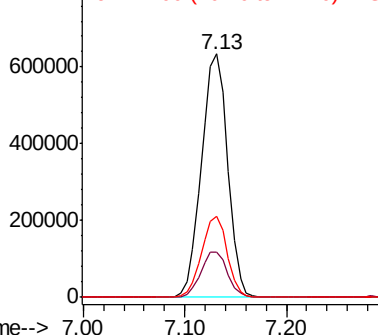
99 100

42 18.8 14.9 22.3

71 33.5 26.4 39.6



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: 47.450 ng

RT: 7.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG043939.D

Acq: 6 Jan 2020 20:13

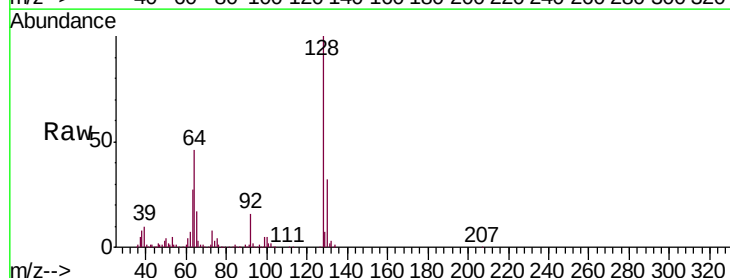
Tgt Ion: 128 Resp: 359581

Ion Ratio Lower Upper

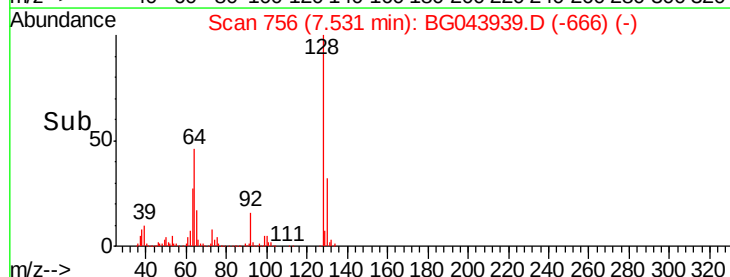
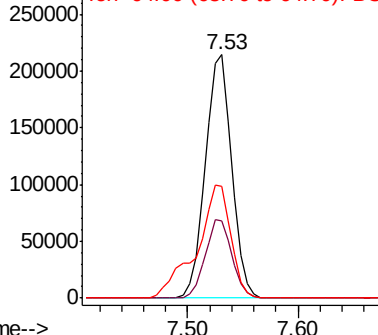
128 100

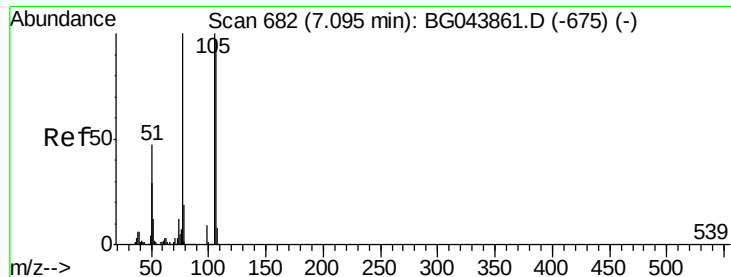
130 31.7 13.8 53.8

64 46.0 27.6 67.6



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





#9

Benzaldehyde

Concen: 37.319 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

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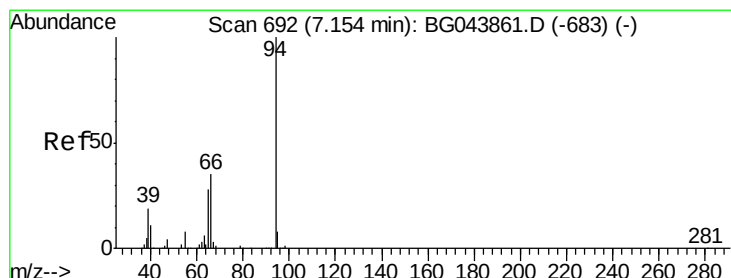
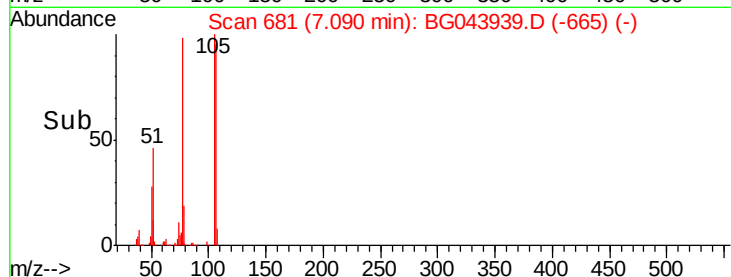
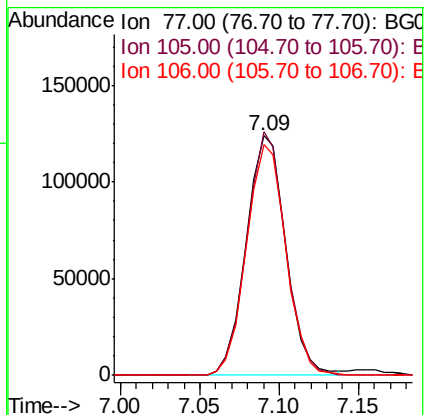
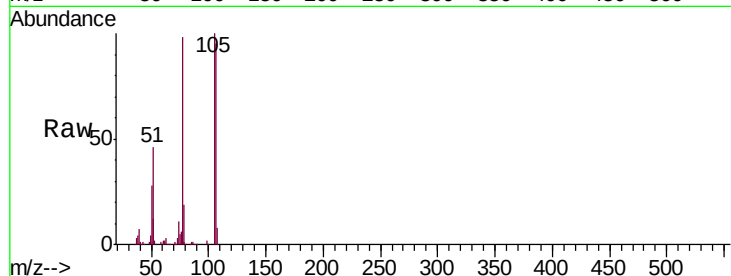
Tgt Ion: 77 Resp: 215516

Ion Ratio Lower Upper

77 100

105 101.6 80.2 120.2

106 96.5 77.2 117.2



#10

Phenol

Concen: 47.171 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG043939.D

Acq: 6 Jan 2020 20:13

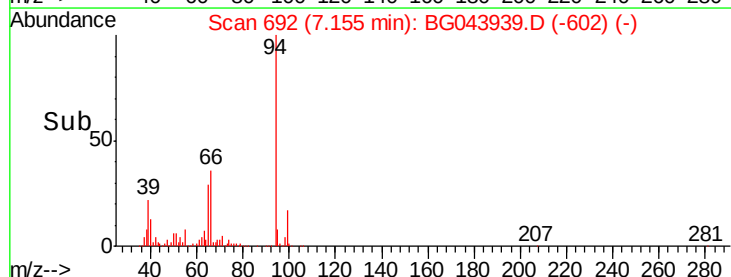
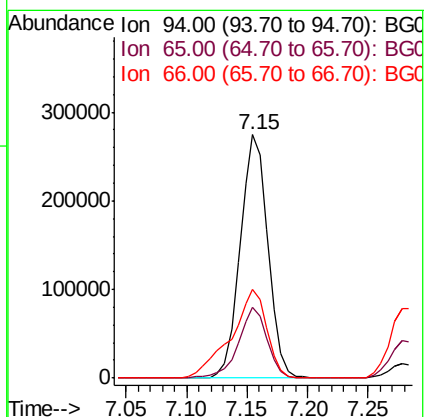
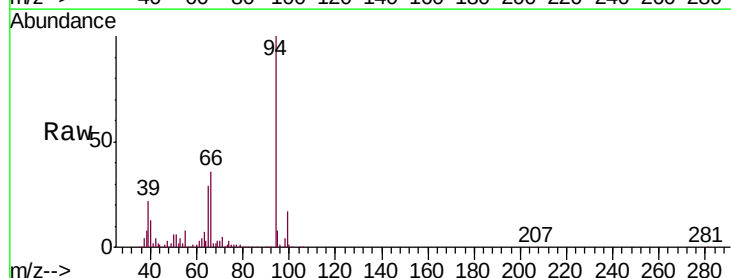
Tgt Ion: 94 Resp: 438534

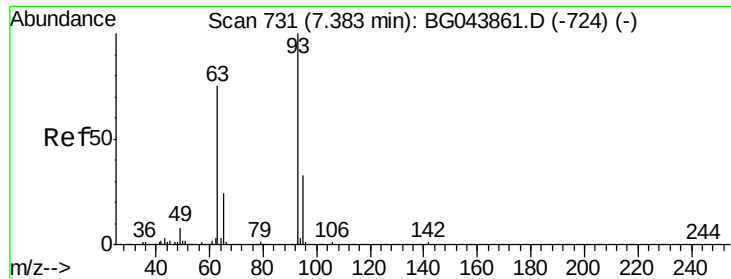
Ion Ratio Lower Upper

94 100

65 29.4 8.1 48.1

66 36.4 15.6 55.6

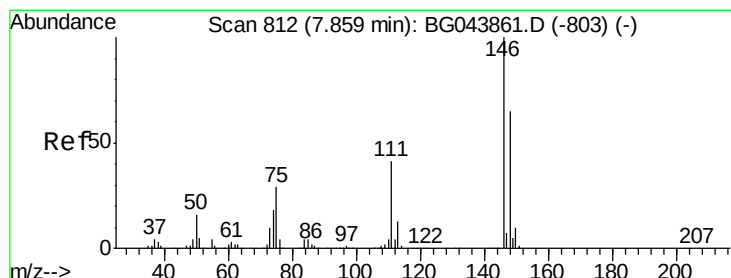
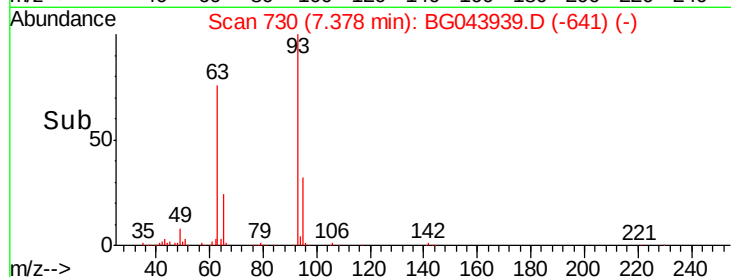
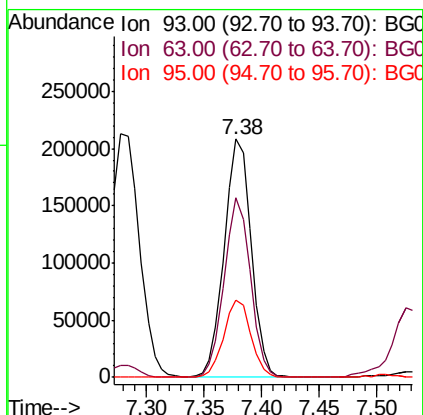
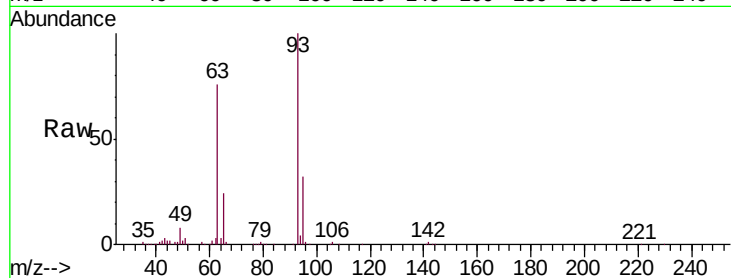




#11
bis(2-Chloroethyl)ether
Concen: 42.238 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG043939.D
Acq: 6 Jan 2020 20:13

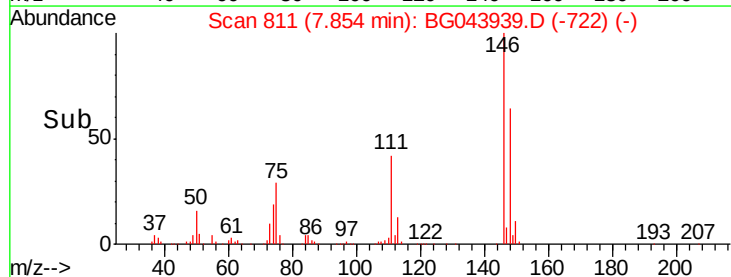
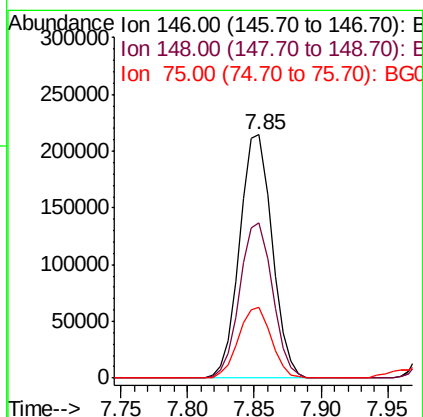
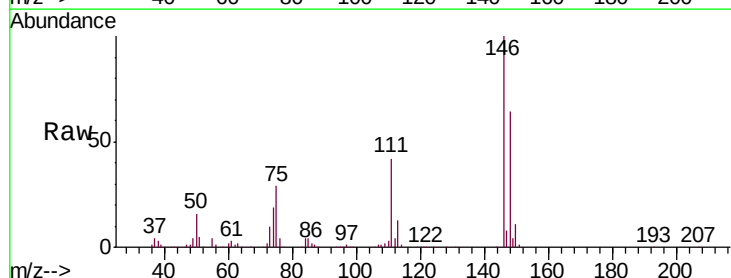
Instrument :
BNA_G
ClientSampleId :
IDOC-S-02-CG

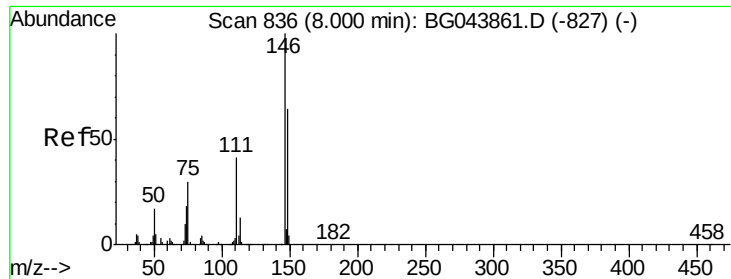
Tgt Ion: 93 Resp: 338950
Ion Ratio Lower Upper
93 100
63 75.5 55.0 95.0
95 32.3 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 40.836 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG043939.D
Acq: 6 Jan 2020 20:13

Tgt Ion: 146 Resp: 362139
Ion Ratio Lower Upper
146 100
148 63.9 52.1 78.1
75 29.2 23.0 34.4

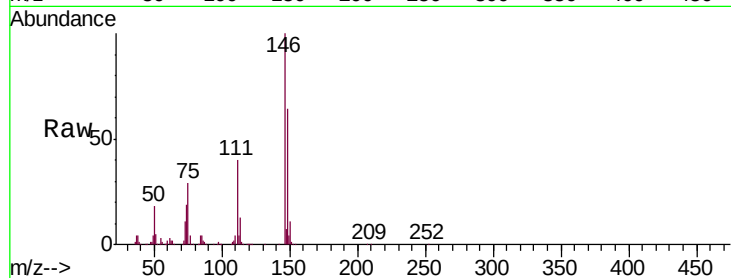




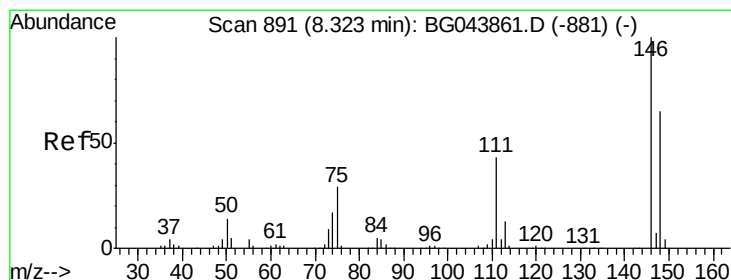
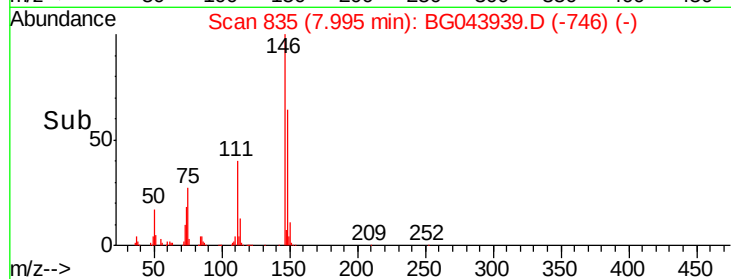
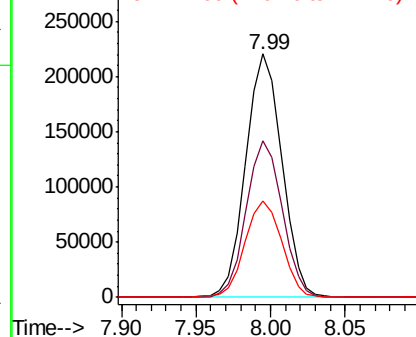
#13
 1,4-Dichlorobenzene
 Concen: 42.210 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BG043939.D
 Acq: 6 Jan 2020 20:13

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-S-02-CG

Tgt Ion:146 Resp: 369334
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.2 76.8
 111 39.8 33.1 49.7

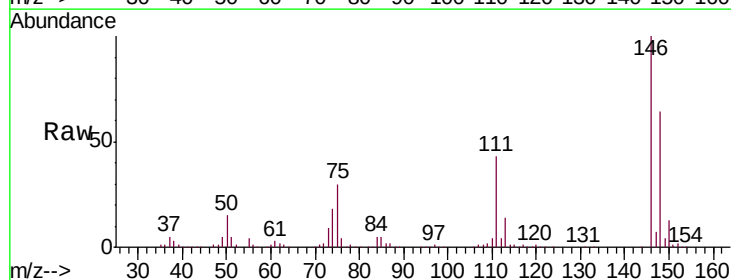


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

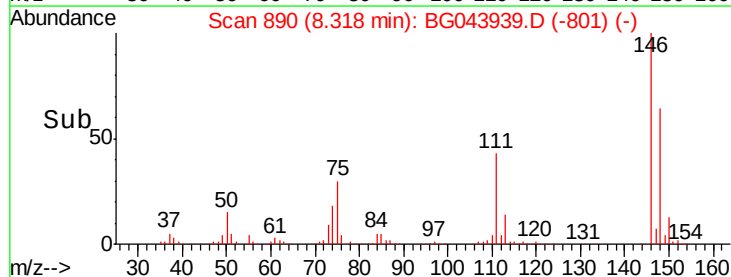
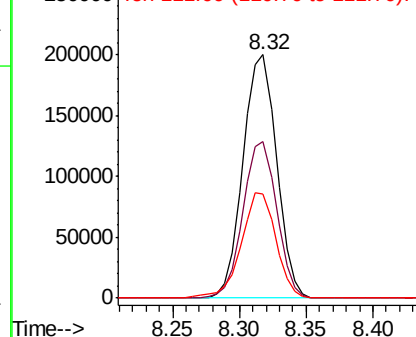


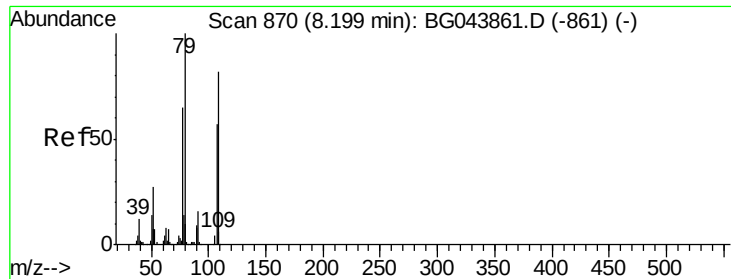
#14
 1,2-Dichlorobenzene
 Concen: 41.539 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BG043939.D
 Acq: 6 Jan 2020 20:13

Tgt Ion:146 Resp: 348864
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.7 77.5
 111 42.8 34.4 51.6



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

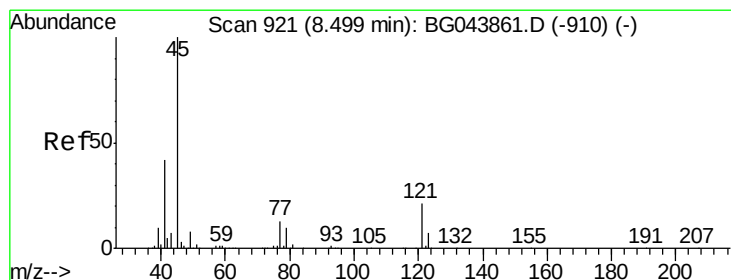
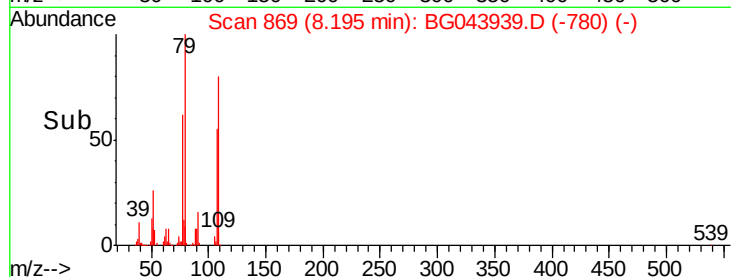
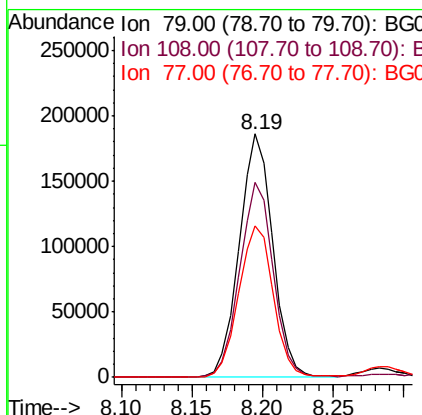
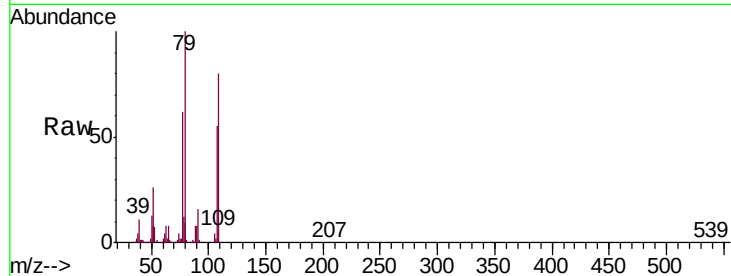




#15
Benzyl Alcohol
Concen: 43.421 ng
RT: 8.19 min Scan# 869
Delta R.T. -0.00 min
Lab File: BG043939.D
Acq: 6 Jan 2020 20:13

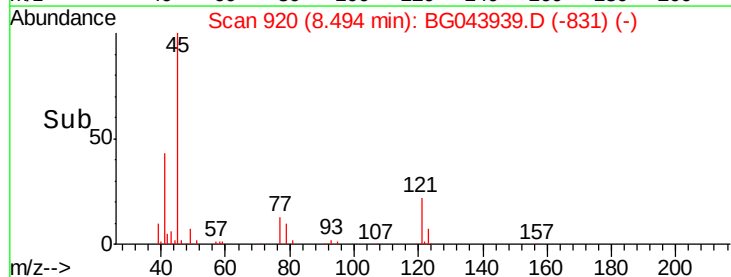
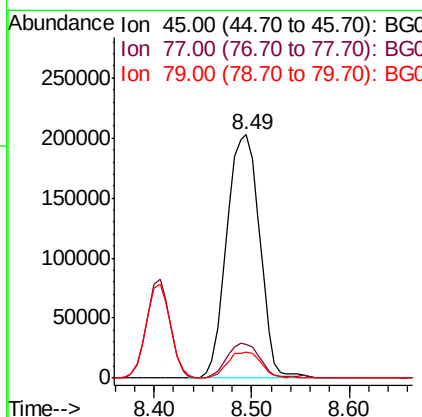
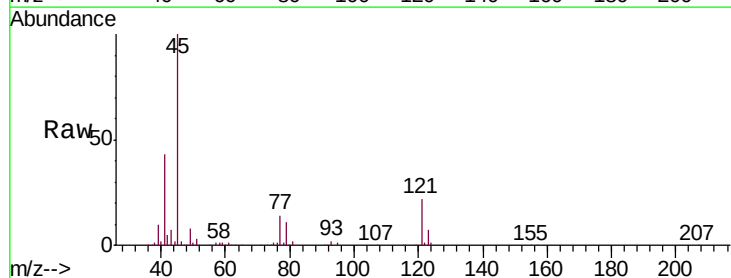
Instrument :
BNA_G
ClientSampleId :
IDOC-S-02-CG

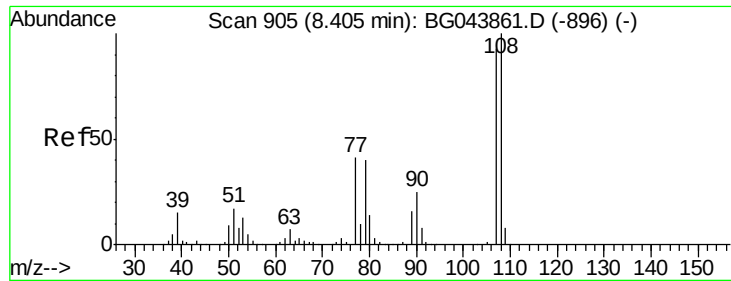
Tgt Ion: 79 Resp: 309213
Ion Ratio Lower Upper
79 100
108 80.1 65.6 98.4
77 62.4 52.0 78.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.461 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG043939.D
Acq: 6 Jan 2020 20:13

Tgt Ion: 45 Resp: 477502
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.8
79 10.9 0.0 31.0

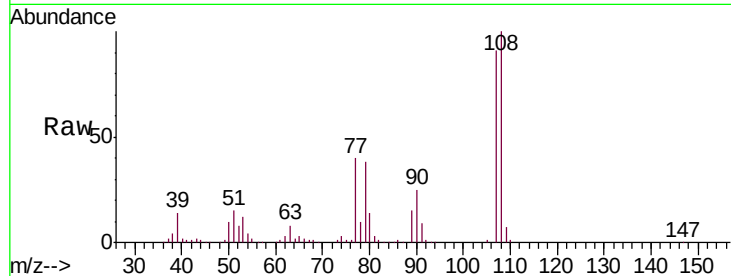




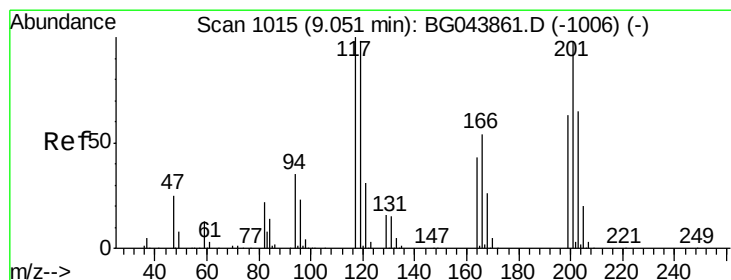
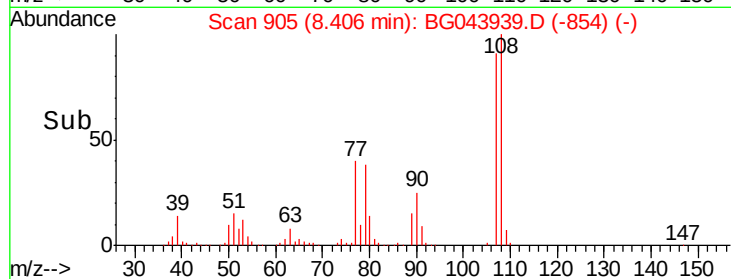
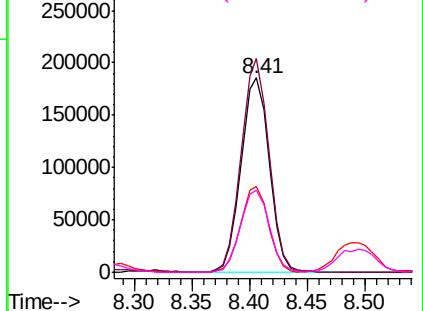
#17
2-Methylphenol
Concen: 47.047 ng
RT: 8.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG043939.D
Acq: 6 Jan 2020 20:13

Instrument :
BNA_G
ClientSampleId :
IDOC-S-02-CG

Tgt Ion:107 Resp: 316511
Ion Ratio Lower Upper
107 100
108 110.1 86.1 129.1
77 44.2 35.4 53.0
79 42.4 34.8 52.2

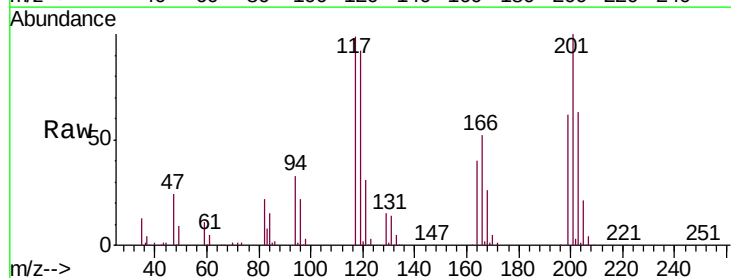


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGO
Ion 79.00 (78.70 to 79.70): BGO

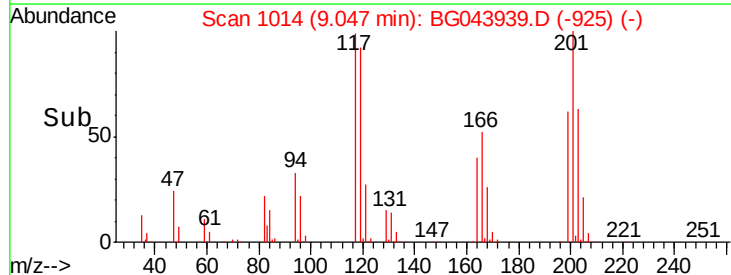
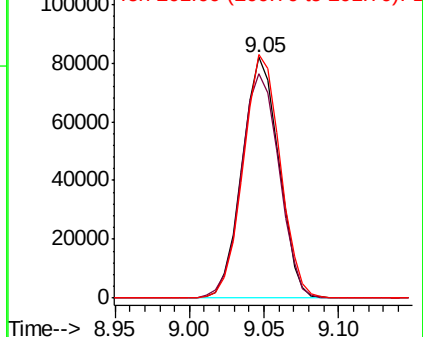


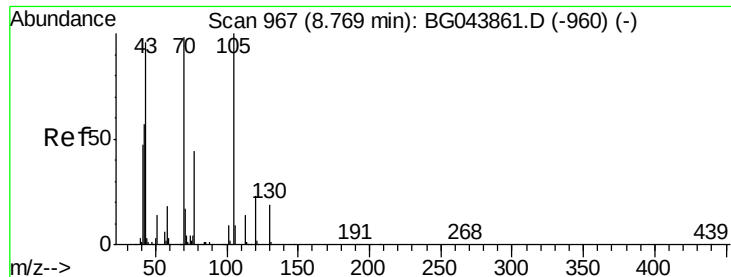
#18
Hexachloroethane
Concen: 40.943 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG043939.D
Acq: 6 Jan 2020 20:13

Tgt Ion:117 Resp: 139399
Ion Ratio Lower Upper
117 100
119 93.1 78.1 117.1
201 101.0 78.6 117.8



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

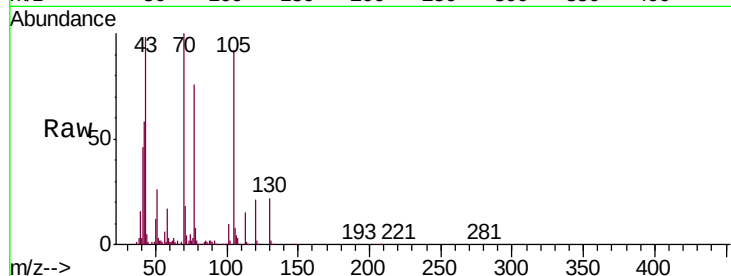




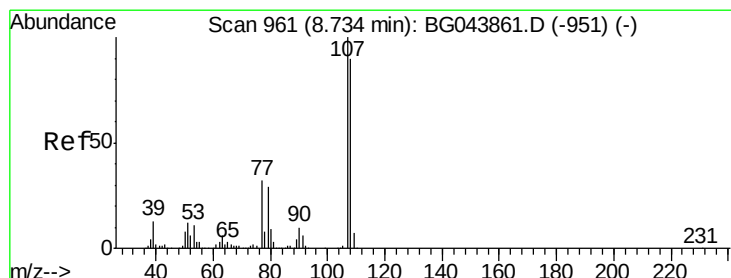
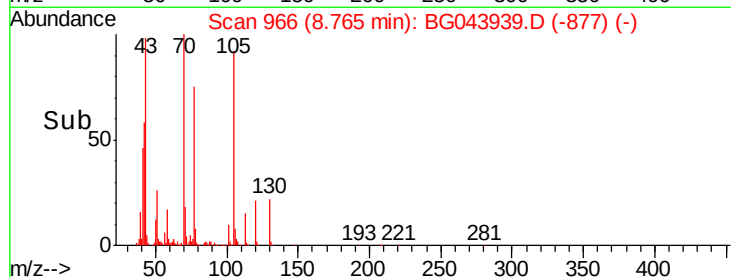
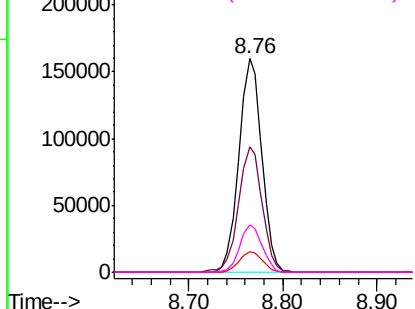
#19
n-Nitroso-di-n-propylamine
Concen: 40.162 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG043939.D
Acq: 6 Jan 2020 20:13

Instrument :
BNA_G
ClientSampleId :
IDOC-S-02-CG

Tgt Ion:	70	Resp:	269877
Ion	Ratio	Lower	Upper
70	100		
42	58.4	47.0	70.4
101	9.6	7.2	10.8
130	22.3	15.6	23.4

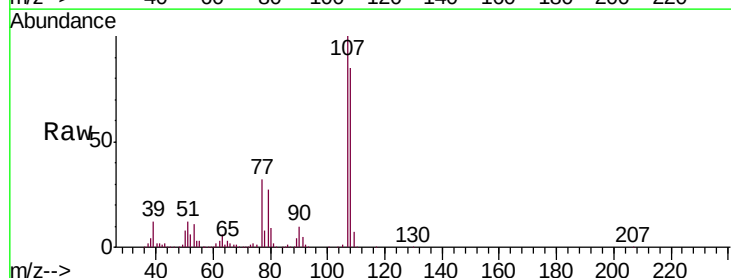


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

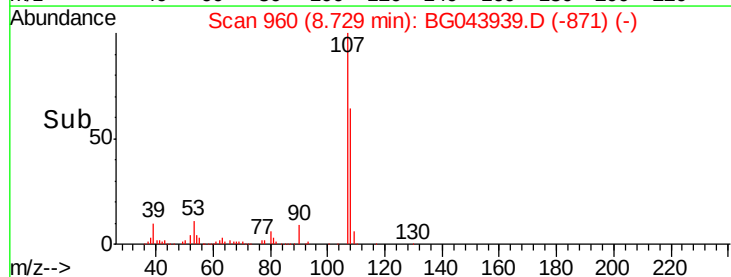
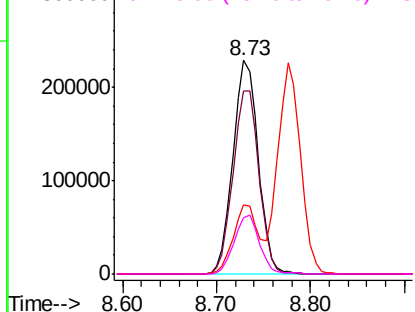


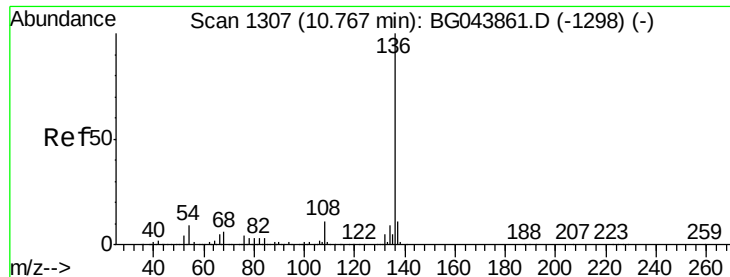
#20
3+4-Methylphenols
Concen: 45.643 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG043939.D
Acq: 6 Jan 2020 20:13

Tgt Ion:	107	Resp:	428365
Ion	Ratio	Lower	Upper
107	100		
108	85.4	70.3	110.3
77	32.4	12.4	52.4
79	26.6	8.6	48.6



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

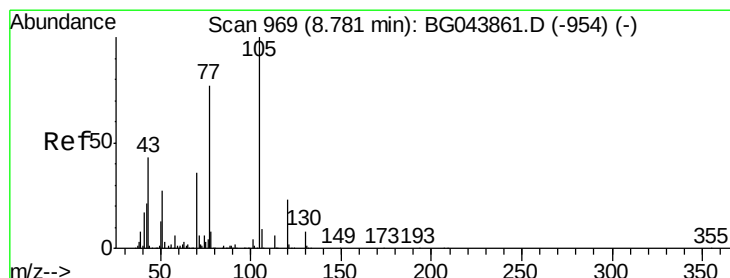
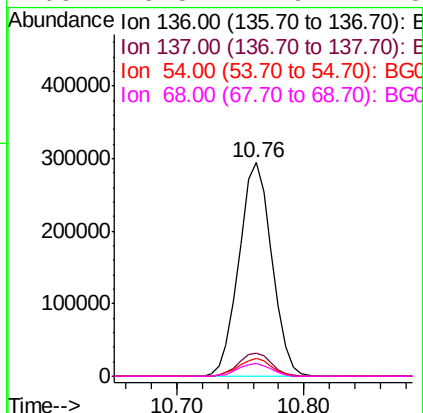
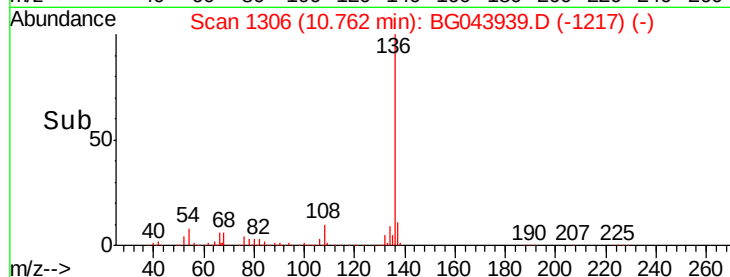
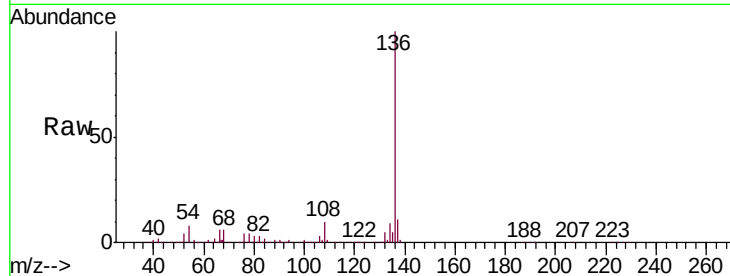




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG043939.D
Acq: 6 Jan 2020 20:13

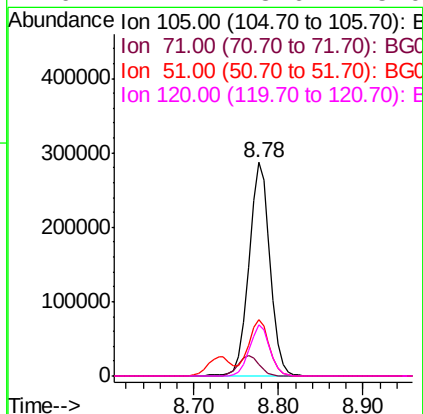
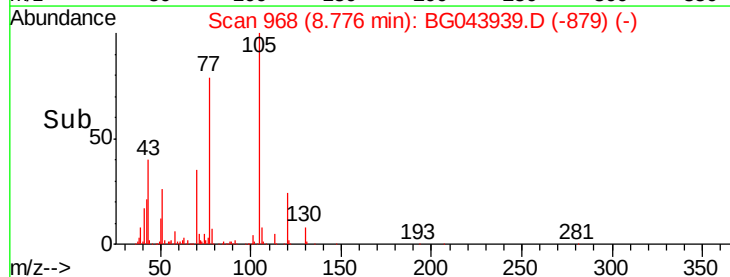
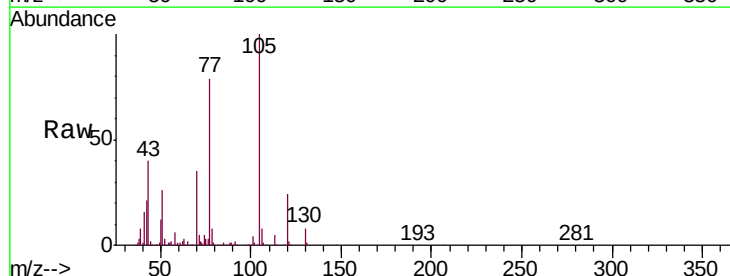
Instrument :
BNA_G
ClientSampleId :
IDOC-S-02-CG

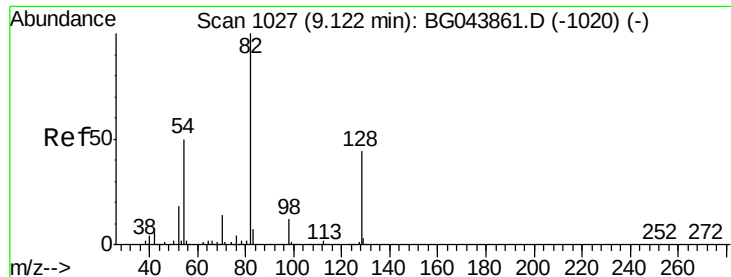
Tgt Ion:	136	Resp:	529527
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.3	7.0	10.4
68	5.8	4.9	7.3



#22
Acetophenone
Concen: 37.800 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG043939.D
Acq: 6 Jan 2020 20:13

Tgt Ion:	105	Resp:	497619
Ion	Ratio	Lower	Upper
105	100		
71	5.4	4.8	7.2
51	26.2	21.4	32.0
120	24.1	18.6	28.0





#23

Nitrobenzene-d5

Concen: 73.137 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BG043939.D

Acq: 6 Jan 2020 20:13

Instrument :

BNA_G

ClientSampleId :

IDOC-S-02-CG

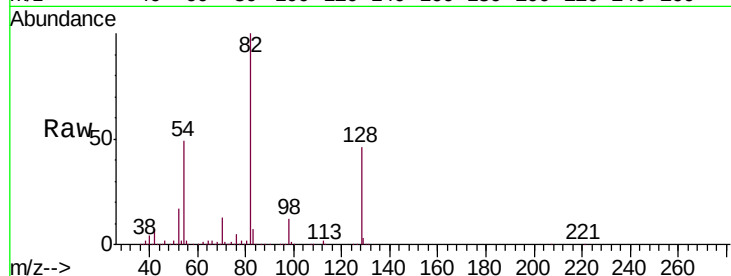
Tgt Ion: 82 Resp: 723948

Ion Ratio Lower Upper

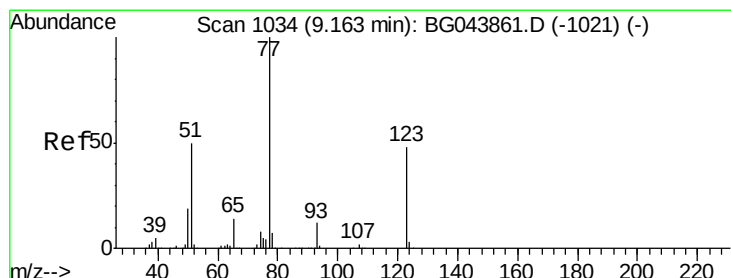
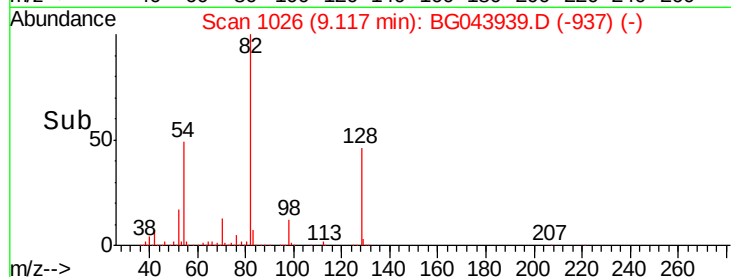
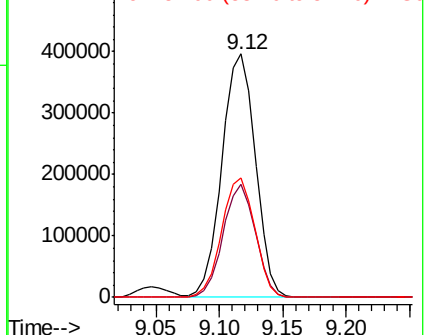
82 100

128 46.2 35.1 52.7

54 48.8 40.1 60.1



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



#24

Nitrobenzene

Concen: 39.126 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BG043939.D

Acq: 6 Jan 2020 20:13

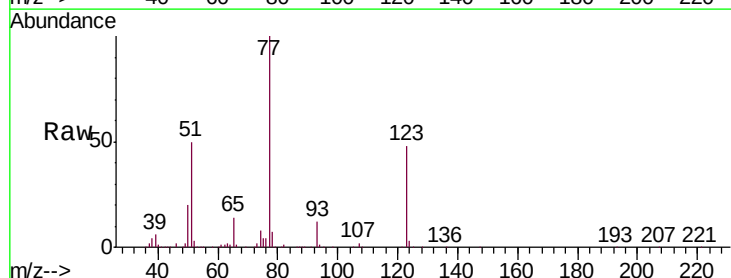
Tgt Ion: 77 Resp: 383577

Ion Ratio Lower Upper

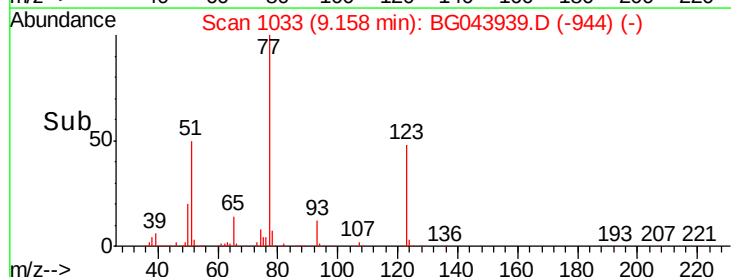
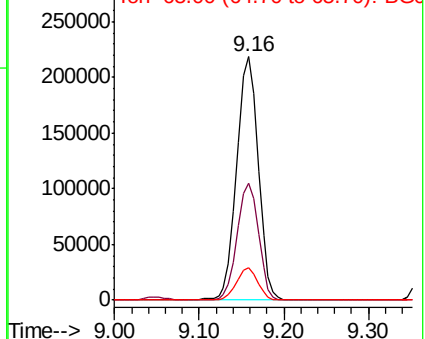
77 100

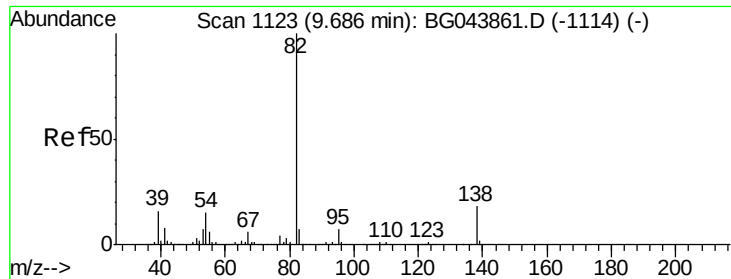
123 48.0 38.7 58.1

65 13.6 11.1 16.7



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





#25

Isophorone

Concen: 39.422 ng

RT: 9.68 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BG043939.D

Acq: 6 Jan 2020 20:13

Instrument :

BNA_G

ClientSampleId :

IDOC-S-02-CG

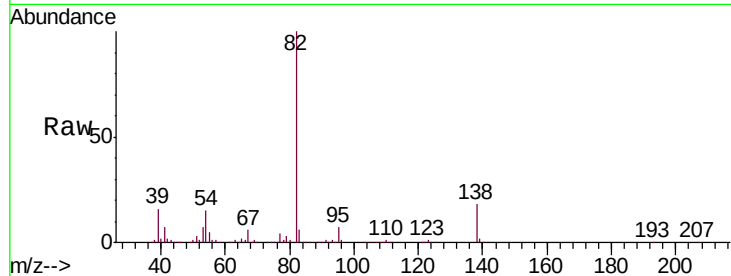
Tgt Ion: 82 Resp: 732086

Ion Ratio Lower Upper

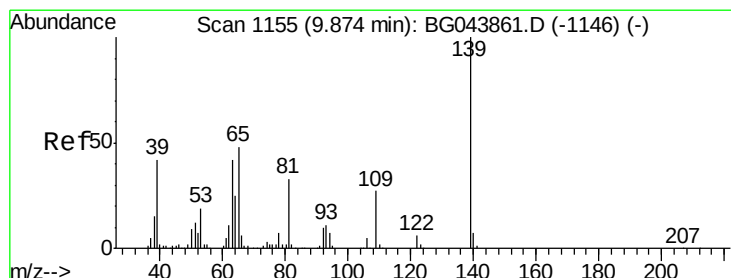
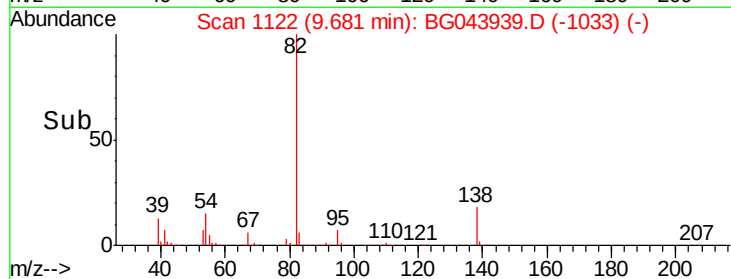
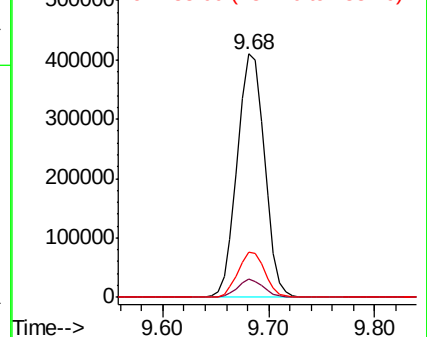
82 100

95 7.4 5.8 8.6

138 18.4 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 42.405 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BG043939.D

Acq: 6 Jan 2020 20:13

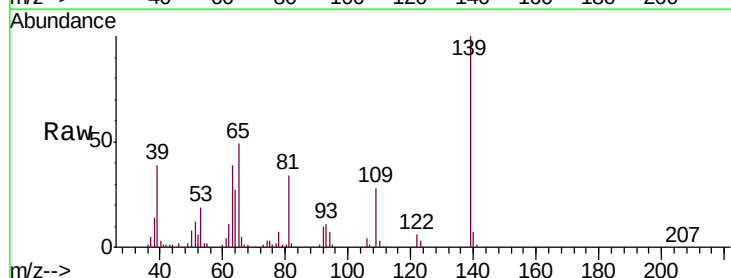
Tgt Ion: 139 Resp: 196687

Ion Ratio Lower Upper

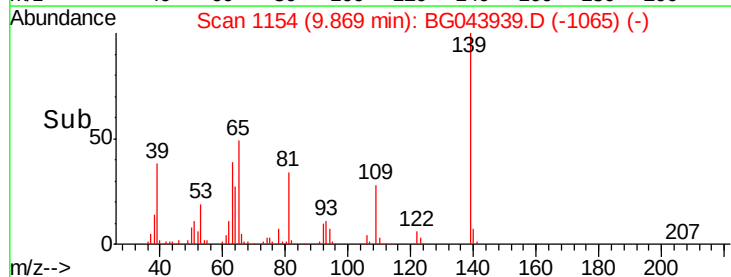
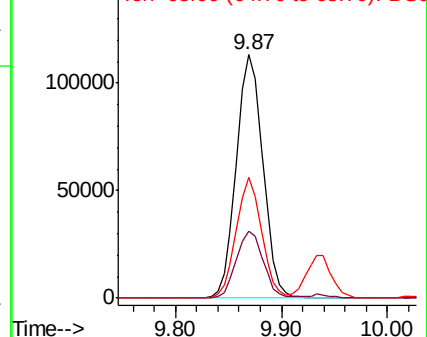
139 100

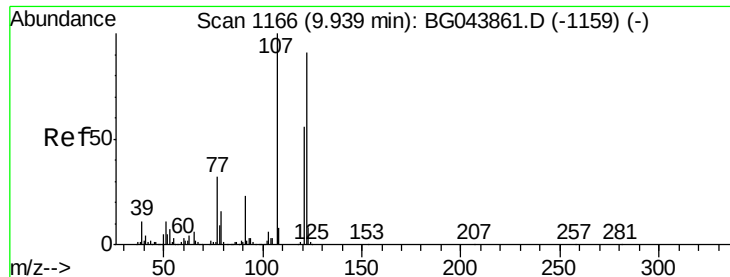
109 27.7 21.3 31.9

65 49.5 38.6 57.8



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

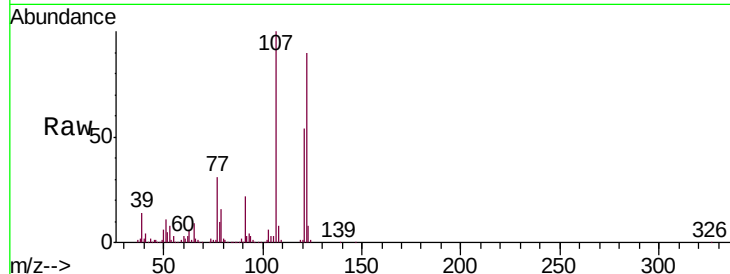




#27
2,4-Dimethylphenol
Concen: 48.892 ng
RT: 9.94 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BG043939.D
Acq: 6 Jan 2020 20:13

Instrument :
BNA_G
ClientSampleId :
IDOC-S-02-CG

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.3	88.0	132.0
121	60.3	49.0	73.4

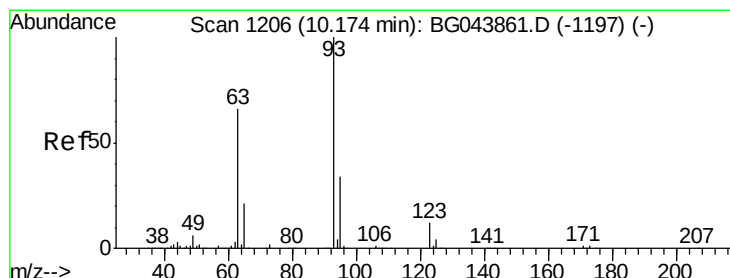
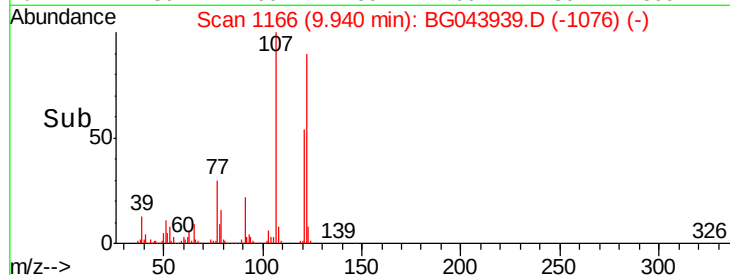
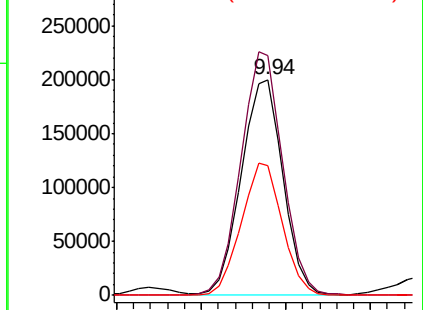


Abundance

Ion 122.00 (121.70 to 122.70): E

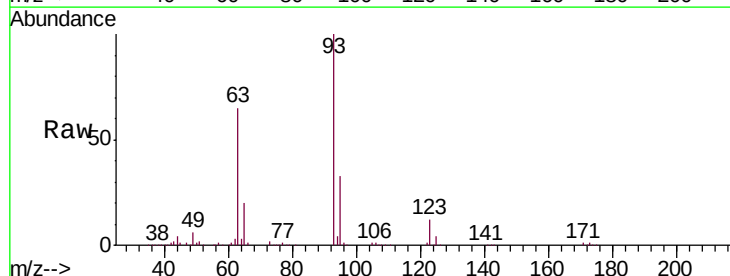
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 37.964 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BG043939.D
Acq: 6 Jan 2020 20:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	27.2	40.8
123	11.5	9.7	14.5

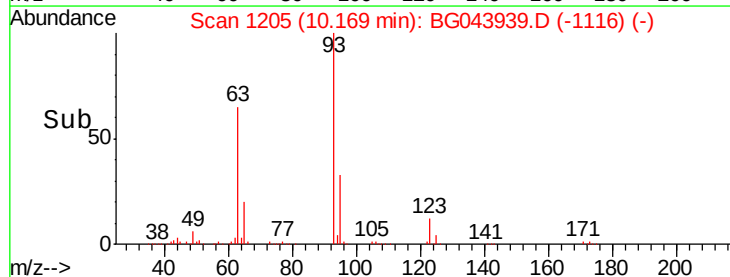
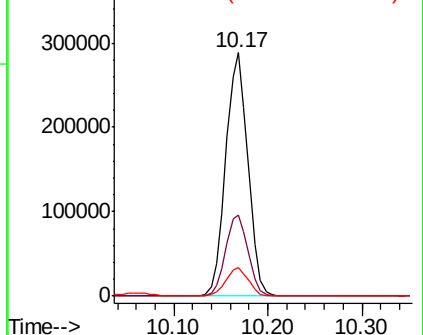


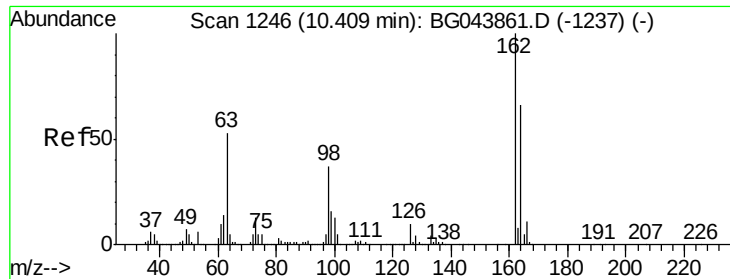
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

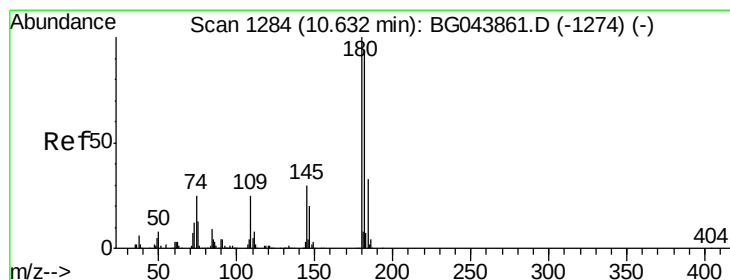
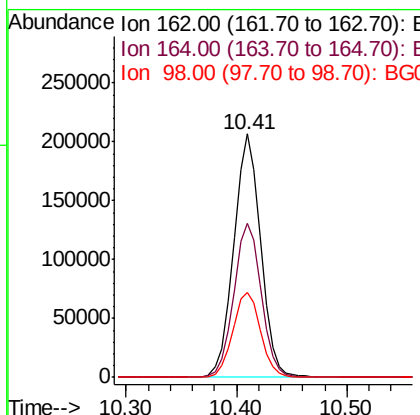
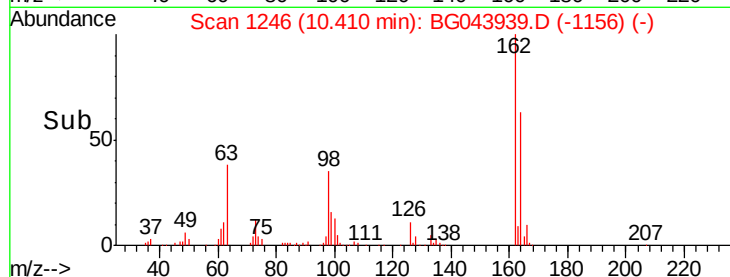
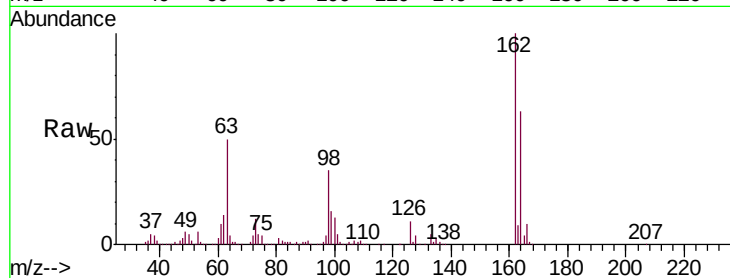




#29
2,4-Dichlorophenol
Concen: 42.550 ng
RT: 10.41 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BG043939.D
Acq: 6 Jan 2020 20:13

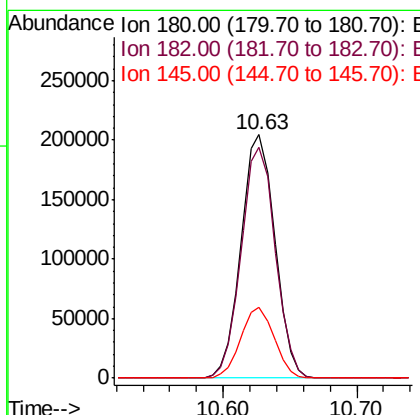
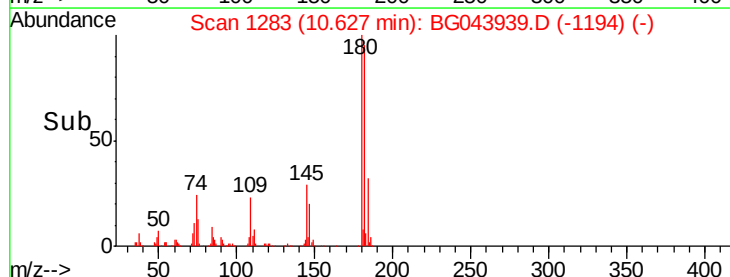
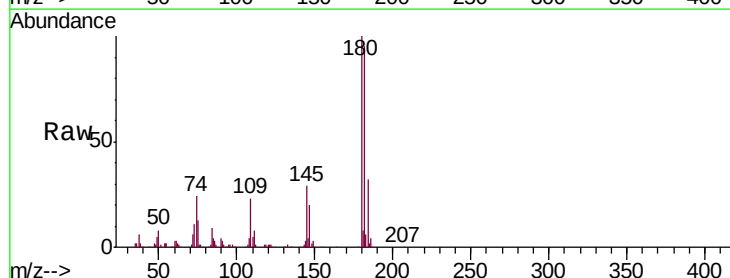
Instrument :
BNA_G
ClientSampleId :
IDOC-S-02-CG

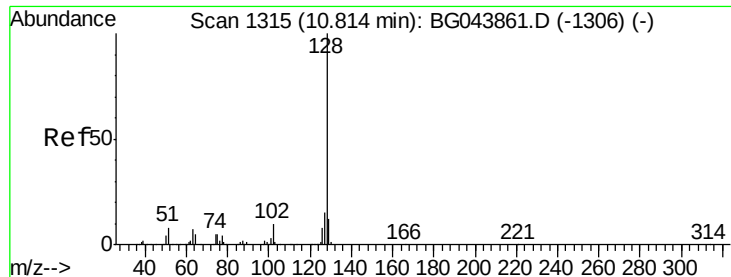
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.2	46.3	86.3
98	35.1	17.3	57.3



#30
1,2,4-Trichlorobenzene
Concen: 38.487 ng
RT: 10.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG043939.D
Acq: 6 Jan 2020 20:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.0	112.4
145	29.2	24.2	36.4

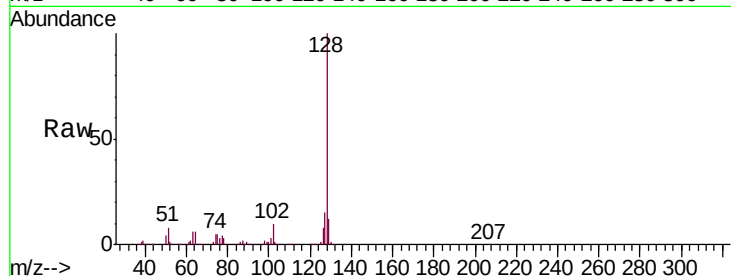




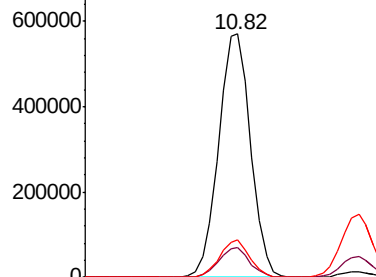
#31
Naphthalene
Concen: 41.031 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043939.D
Acq: 6 Jan 2020 20:13

Instrument :
BNA_G
ClientSampleId :
IDOC-S-02-CG

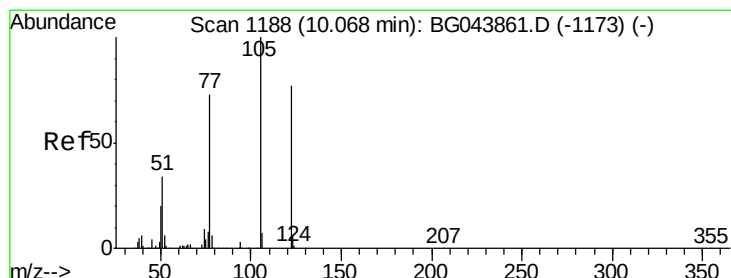
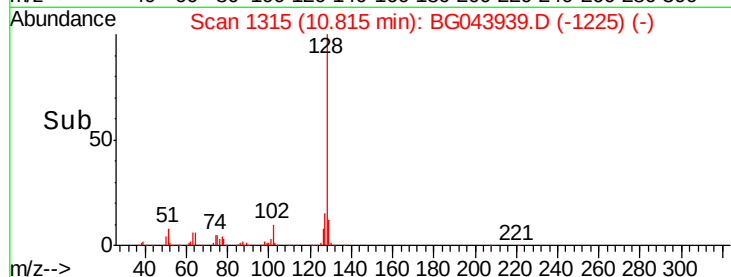
Tgt Ion:128 Resp: 1051400
Ion Ratio Lower Upper
128 100
129 12.0 9.8 14.6
127 15.3 12.0 18.0



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

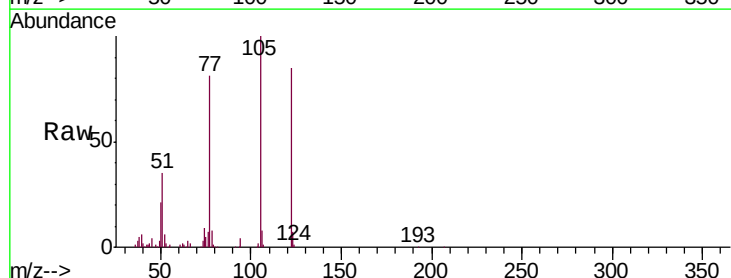


Time--> 10.70 10.80 10.90

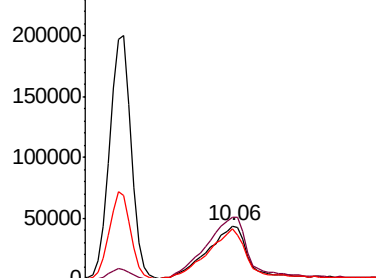


#32
Benzoic acid
Concen: 26.488 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG043939.D
Acq: 6 Jan 2020 20:13

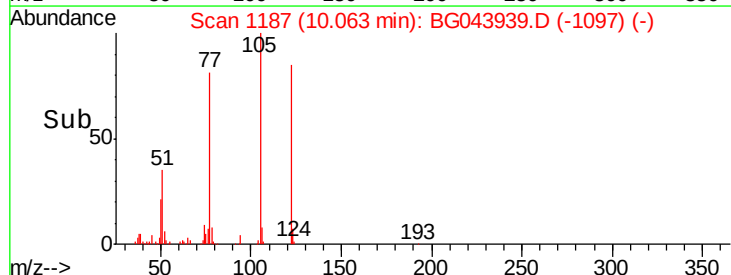
Tgt Ion:122 Resp: 132253
Ion Ratio Lower Upper
122 100
105 117.3 106.4 146.4
77 94.4 74.6 114.6

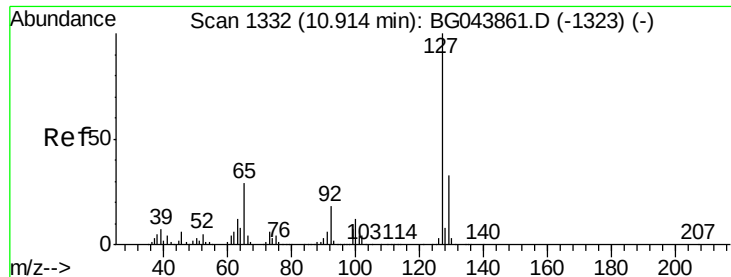


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG



Time--> 9.90 10.00 10.10 10.20

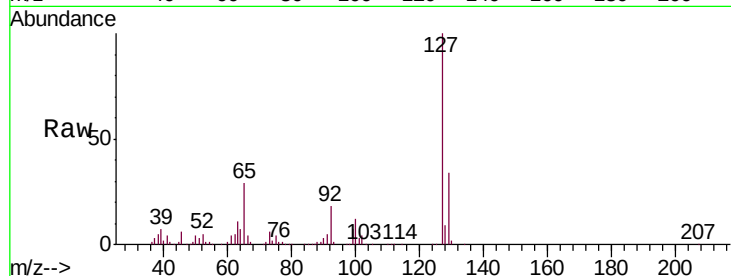




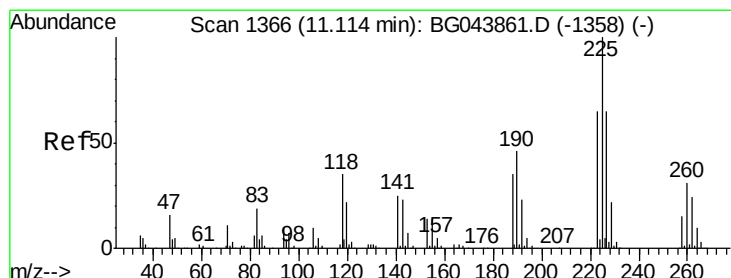
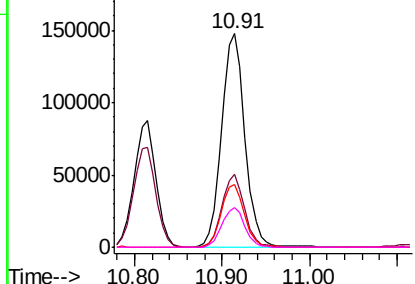
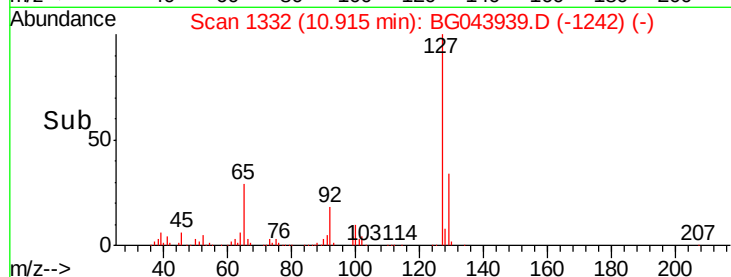
#33
4-Chloroaniline
Concen: 22.254 ng
RT: 10.91 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043939.D
Acq: 6 Jan 2020 20:13

Instrument :
BNA_G
ClientSampleId :
IDOC-S-02-CG

Tgt Ion:	127	Resp:	271990
Ion	Ratio	Lower	Upper
127	100		
129	33.9	26.6	40.0
65	29.1	23.3	34.9
92	18.4	14.7	22.1

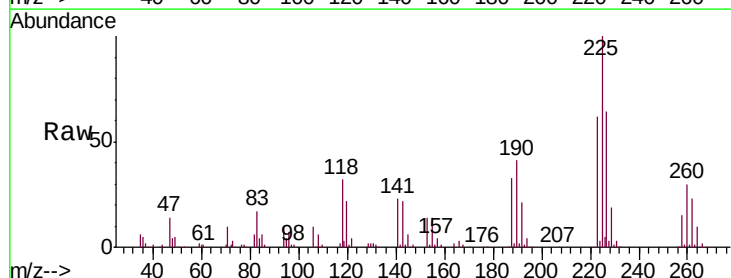


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

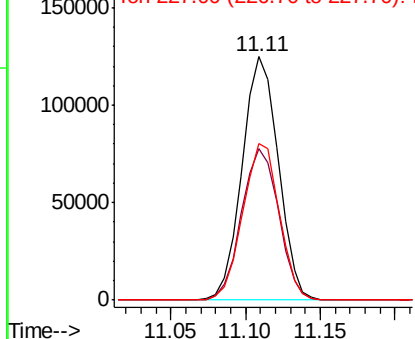
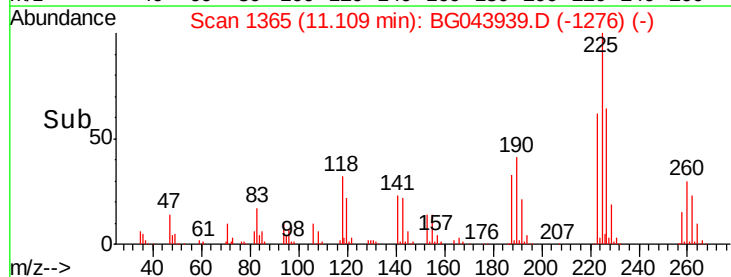


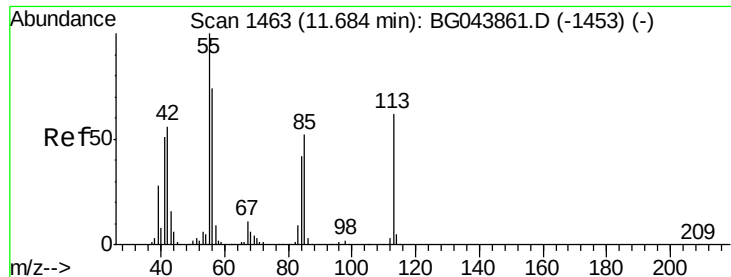
#34
Hexachlorobutadiene
Concen: 36.728 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG043939.D
Acq: 6 Jan 2020 20:13

Tgt Ion:	225	Resp:	209400
Ion	Ratio	Lower	Upper
225	100		
223	62.2	52.2	78.4
227	64.3	52.1	78.1



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





#35

Caprolactam

Concen: 30.573 ng

RT: 11.68 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BG043939.D

Acq: 6 Jan 2020 20:13

Instrument :

BNA_G

ClientSampleId :

IDOC-S-02-CG

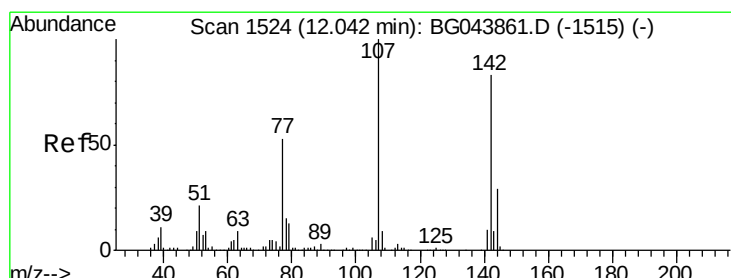
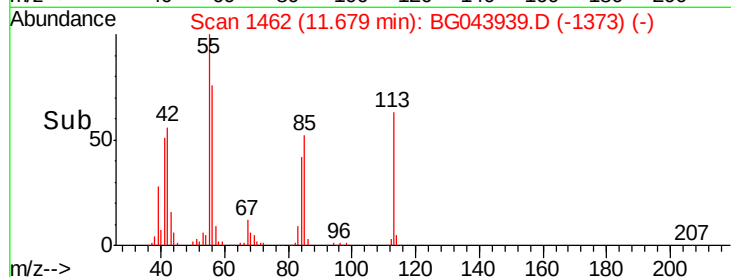
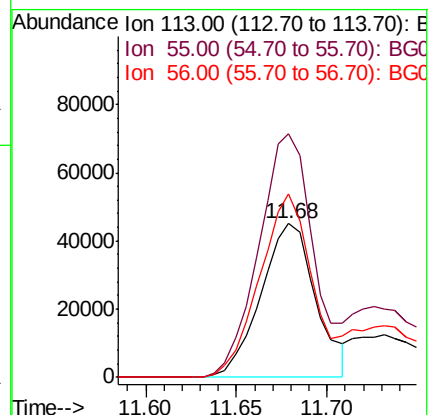
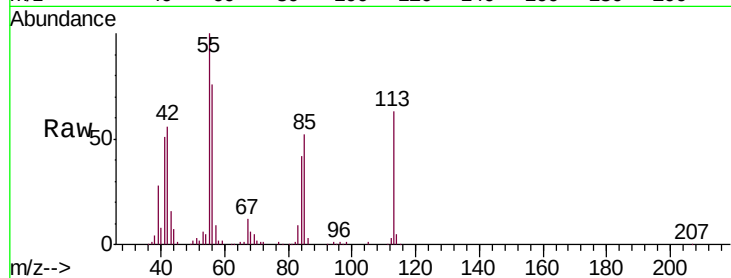
Tgt Ion:113 Resp: 94786

Ion Ratio Lower Upper

113 100

55 158.6 142.5 182.5

56 119.8 101.4 141.4



#36

4-Chloro-3-methylphenol

Concen: 42.493 ng

RT: 12.04 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BG043939.D

Acq: 6 Jan 2020 20:13

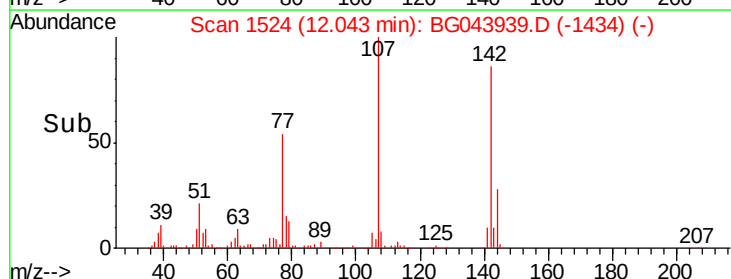
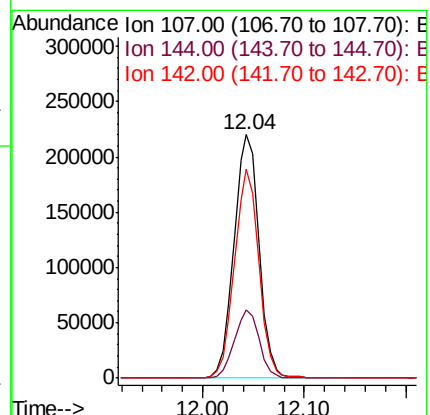
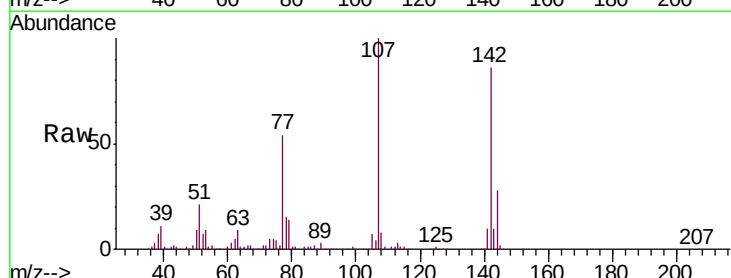
Tgt Ion:107 Resp: 376738

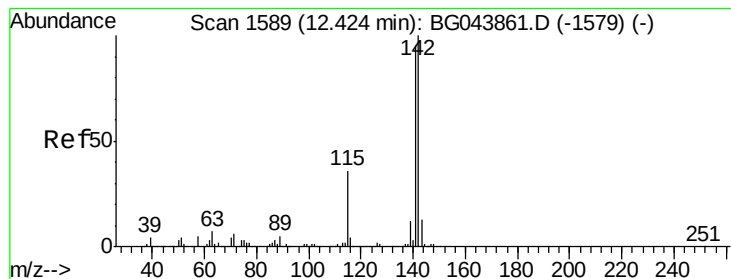
Ion Ratio Lower Upper

107 100

144 27.9 23.4 35.2

142 85.7 66.3 99.5





#37

2-Methylnaphthalene

Concen: 40.549 ng

RT: 12.42 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BG043939.D

Acq: 6 Jan 2020 20:13

Instrument :

BNA_G

ClientSampleId :

IDOC-S-02-CG

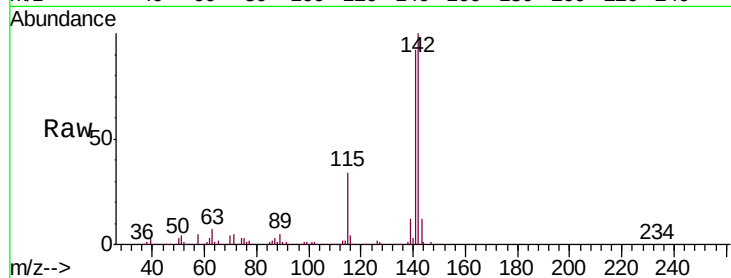
Tgt Ion:142 Resp: 782269

Ion Ratio Lower Upper

142 100

141 91.8 75.8 113.8

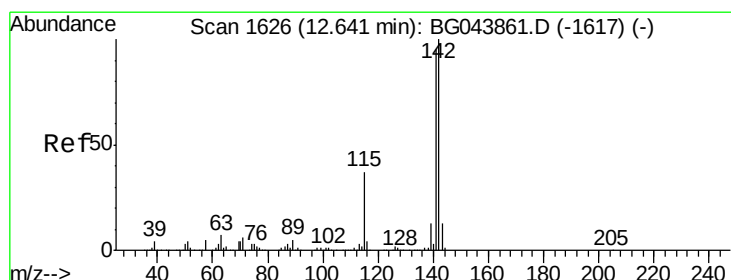
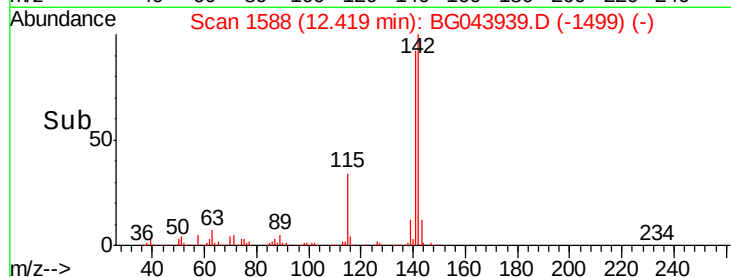
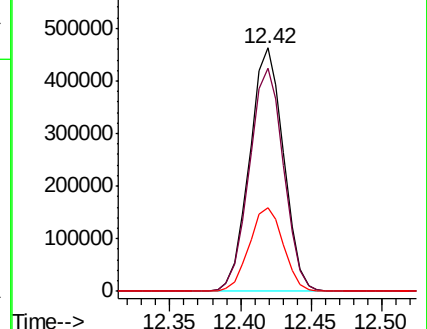
115 34.1 28.6 42.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.757 ng

RT: 12.64 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BG043939.D

Acq: 6 Jan 2020 20:13

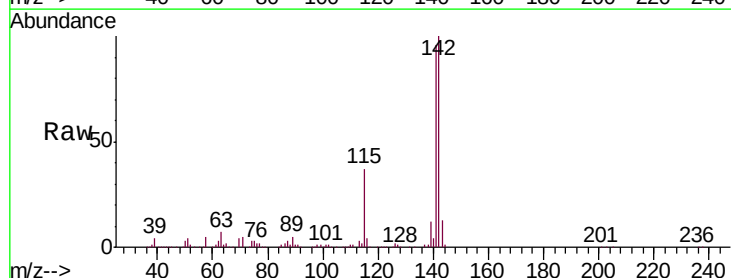
Tgt Ion:142 Resp: 745206

Ion Ratio Lower Upper

142 100

141 96.3 76.0 114.0

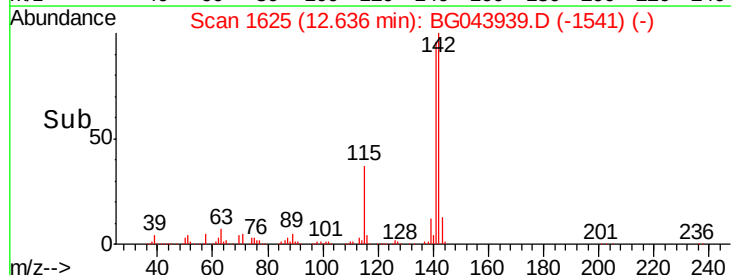
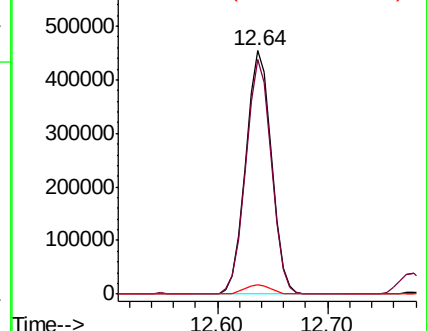
116 3.8 3.1 4.7

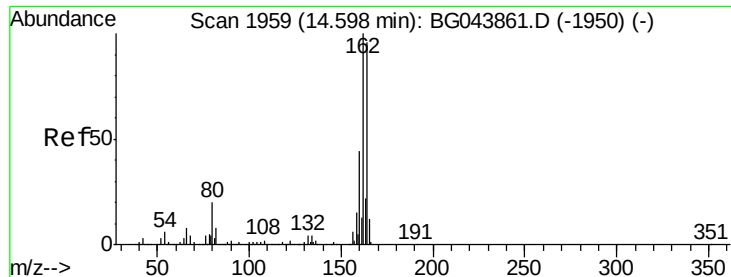


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG043939.D

Acq: 6 Jan 2020 20:13

Instrument :

BNA_G

ClientSampleId :

IDOC-S-02-CG

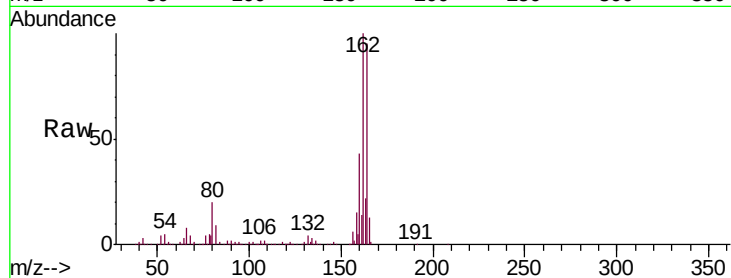
Tgt Ion:164 Resp: 344097

Ion Ratio Lower Upper

164 100

162 105.7 83.0 124.4

160 45.8 36.1 54.1

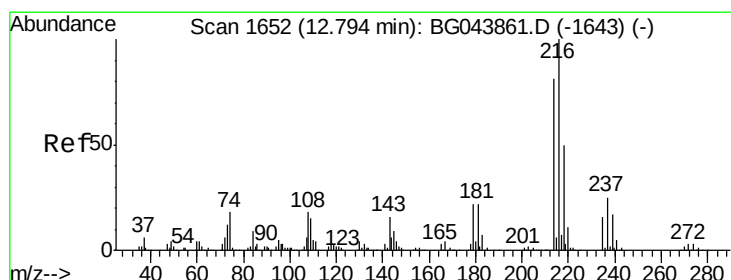
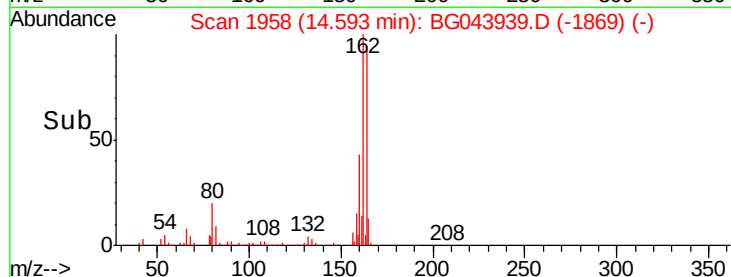
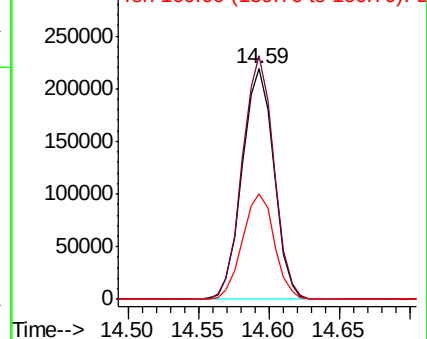


Abundance

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: 36.941 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG043939.D

Acq: 6 Jan 2020 20:13

Tgt Ion:216 Resp: 372567

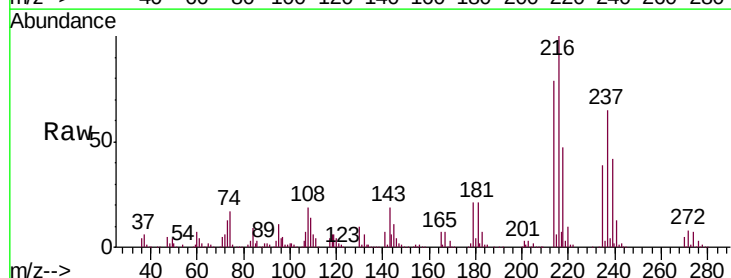
Ion Ratio Lower Upper

216 100

214 80.0 63.8 95.8

179 21.7 17.3 25.9

108 21.3 15.3 22.9



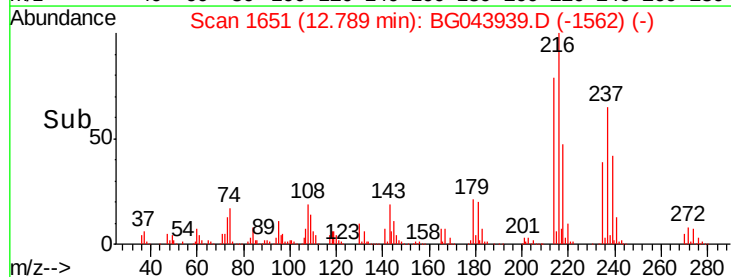
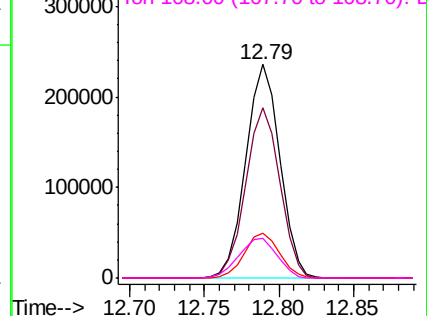
Abundance

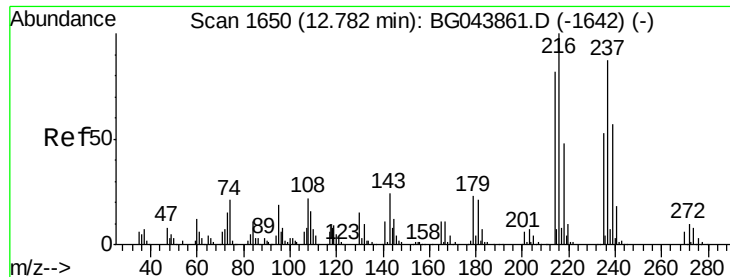
Ion 216.00 (215.70 to 216.70): E

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: 94.474 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG043939.D

Acq: 6 Jan 2020 20:13

Instrument :

BNA_G

ClientSampleId :

IDOC-S-02-CG

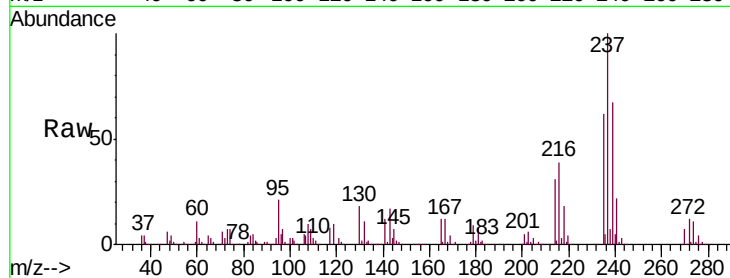
Tgt Ion:237 Resp: 493979

Ion Ratio Lower Upper

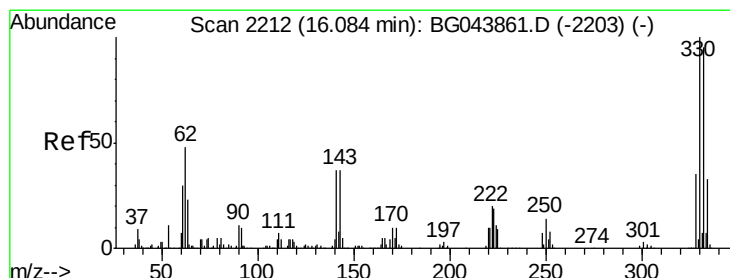
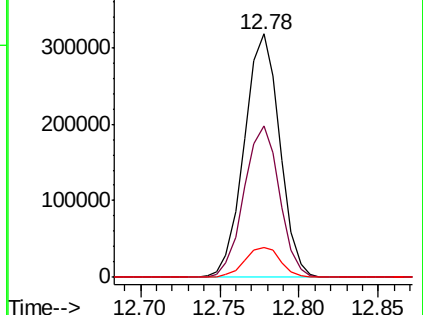
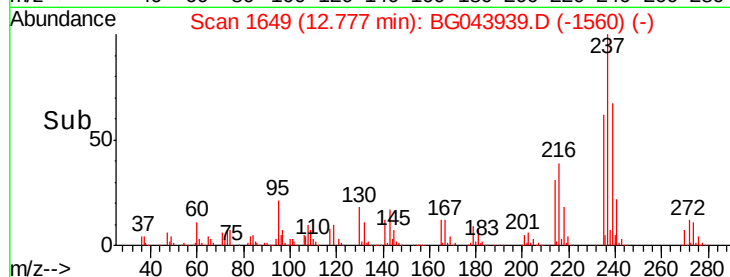
237 100

235 62.1 41.1 81.1

272 12.4 0.0 31.7



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



#42

2,4,6-Tribromophenol

Concen: 118.645 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG043939.D

Acq: 6 Jan 2020 20:13

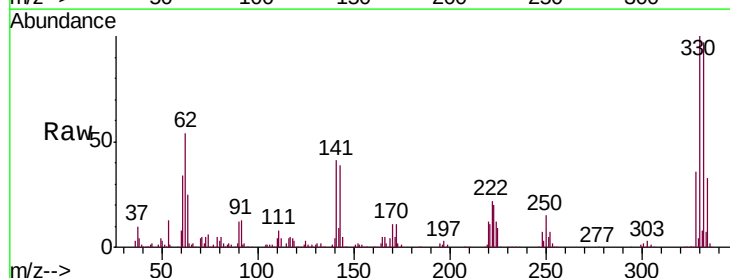
Tgt Ion:330 Resp: 427230

Ion Ratio Lower Upper

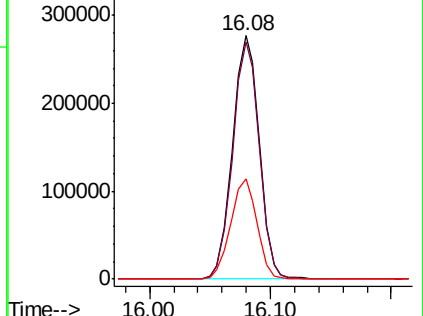
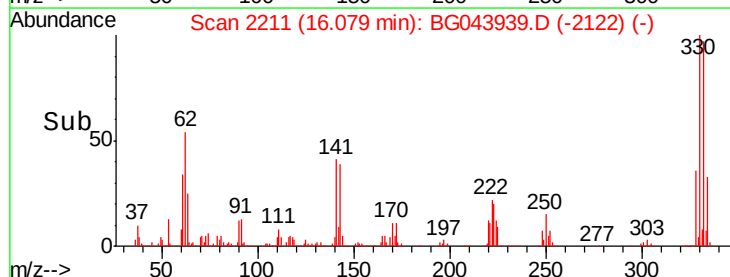
330 100

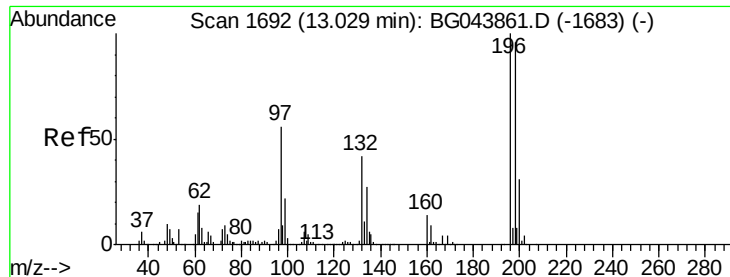
332 96.9 77.2 115.8

141 40.5 33.1 49.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

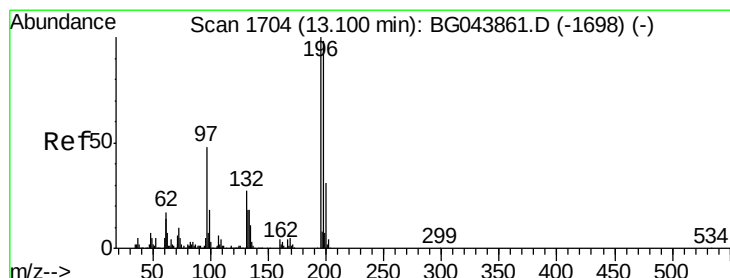
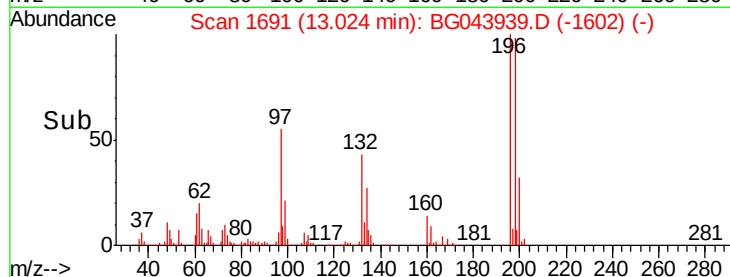
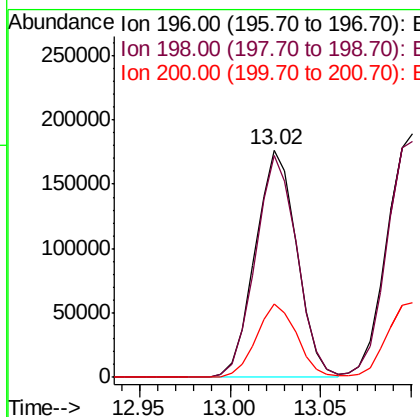
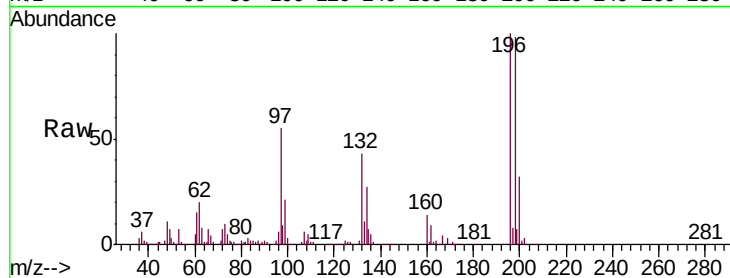




#43
 2,4,6-Trichlorophenol
 Concen: 40.658 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG043939.D
 Acq: 6 Jan 2020 20:13

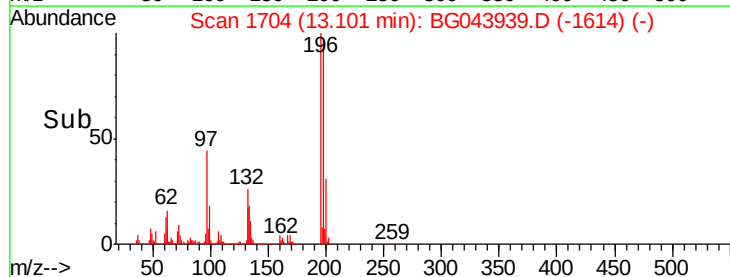
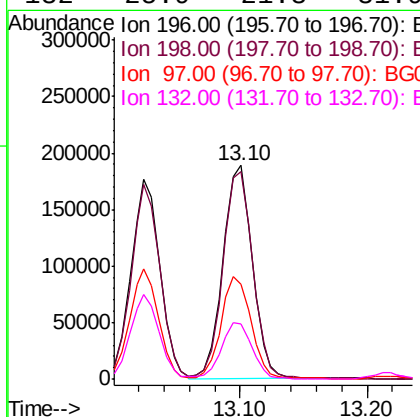
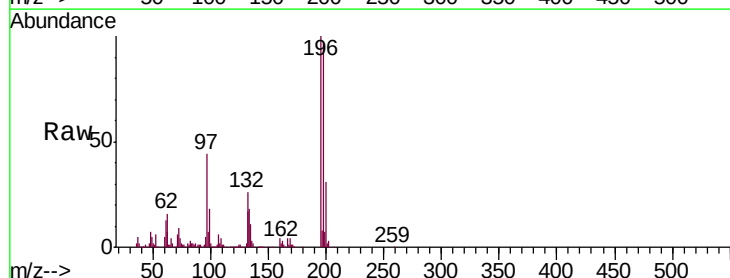
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-S-02-CG

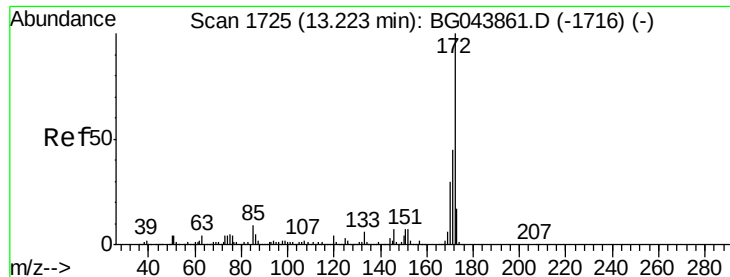
Tgt Ion:196 Resp: 282149
 Ion Ratio Lower Upper
 196 100
 198 97.6 76.6 115.0
 200 32.1 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.410 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG043939.D
 Acq: 6 Jan 2020 20:13

Tgt Ion:196 Resp: 303547
 Ion Ratio Lower Upper
 196 100
 198 97.0 78.3 117.5
 97 44.2 38.8 58.2
 132 25.9 21.3 31.9

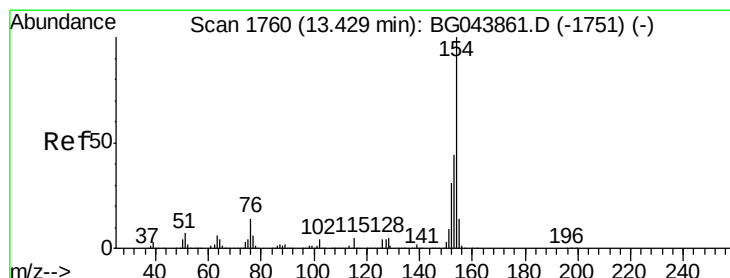
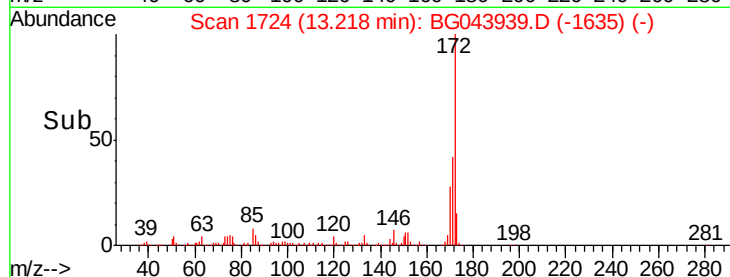
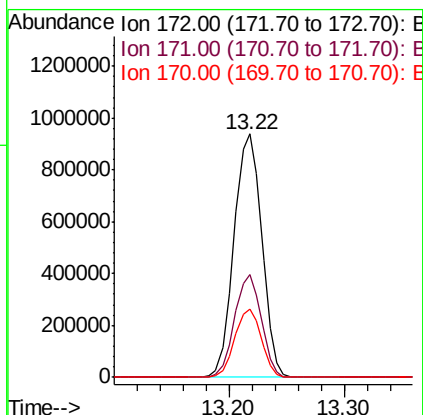
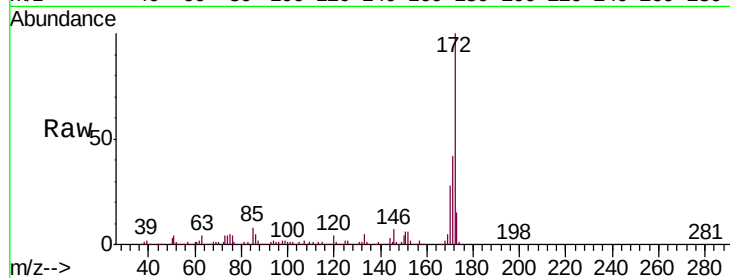




#45
2-Fluorobiphenyl
Concen: 82.071 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG043939.D
Acq: 6 Jan 2020 20:13

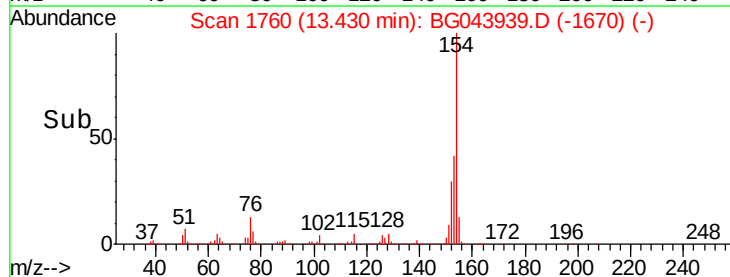
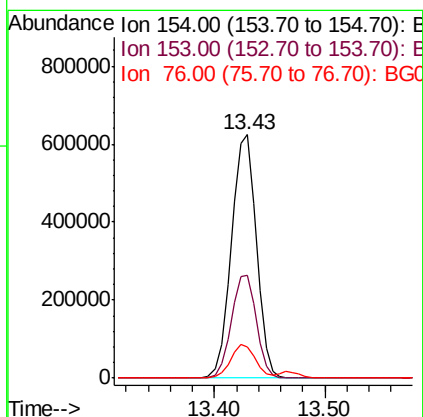
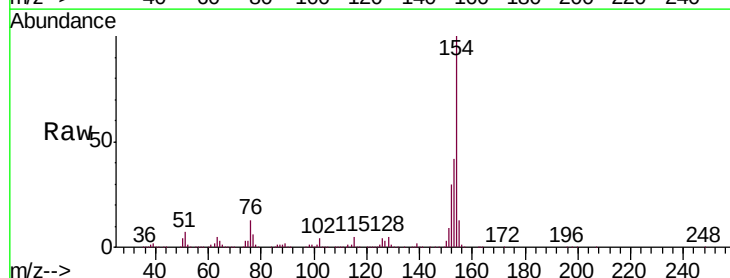
Instrument :
BNA_G
ClientSampleId :
IDOC-S-02-CG

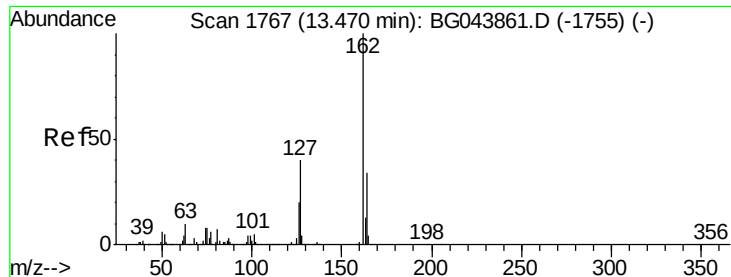
Tgt Ion:172 Resp: 1558713
Ion Ratio Lower Upper
172 100
171 42.3 35.8 53.8
170 28.2 24.2 36.4



#46
1,1'-Biphenyl
Concen: 40.096 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG043939.D
Acq: 6 Jan 2020 20:13

Tgt Ion:154 Resp: 989222
Ion Ratio Lower Upper
154 100
153 42.4 23.6 63.6
76 13.0 0.0 34.4

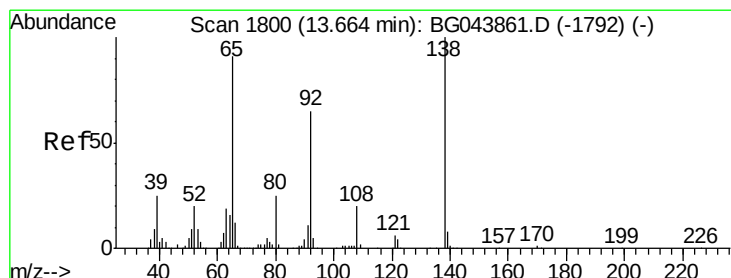
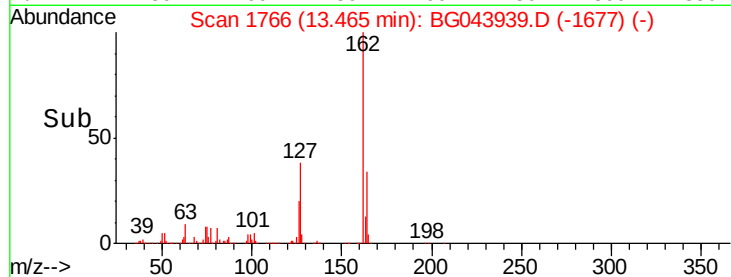
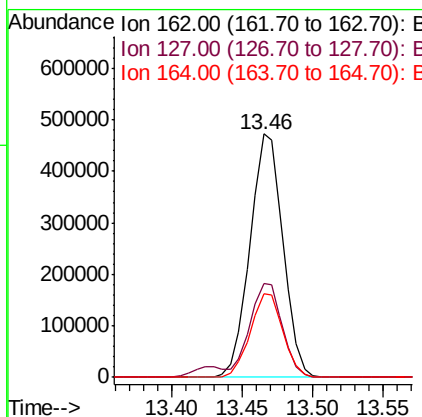
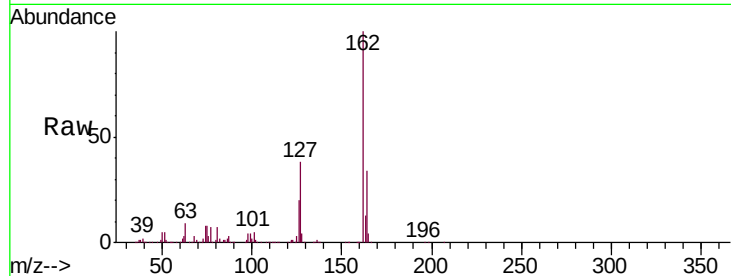




#47
 2-Chloronaphthalene
 Concen: 38.900 ng
 RT: 13.46 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BG043939.D
 Acq: 6 Jan 2020 20:13

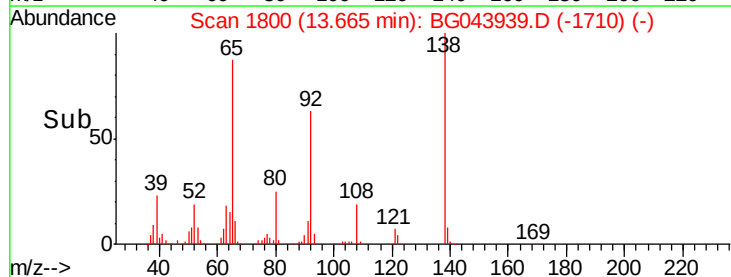
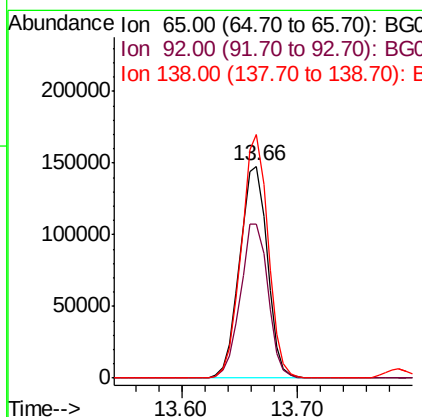
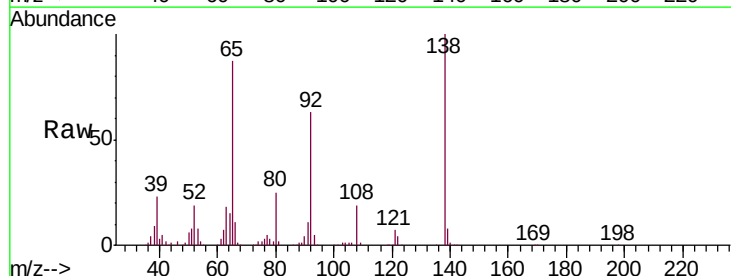
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-S-02-CG

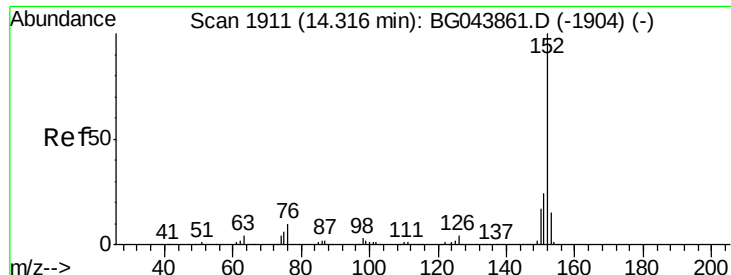
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.3	32.1	48.1
164	34.5	27.5	41.3



#48
 2-Nitroaniline
 Concen: 38.461 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG043939.D
 Acq: 6 Jan 2020 20:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	57.4	86.2
138	114.7	88.2	132.4





#49

Acenaphthylene

Concen: 42.243 ng

RT: 14.31 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BG043939.D

Acq: 6 Jan 2020 20:13

Instrument :

BNA_G

ClientSampleId :

IDOC-S-02-CG

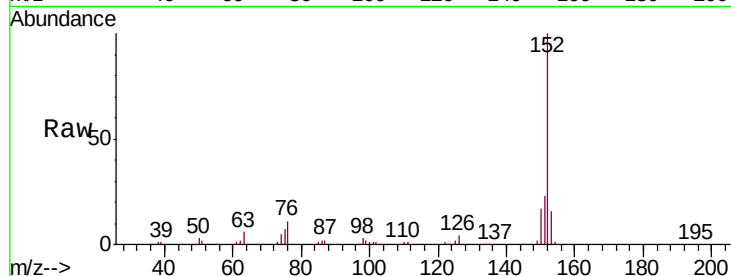
Tgt Ion:152 Resp: 1210428

Ion Ratio Lower Upper

152 100

151 23.3 19.4 29.2

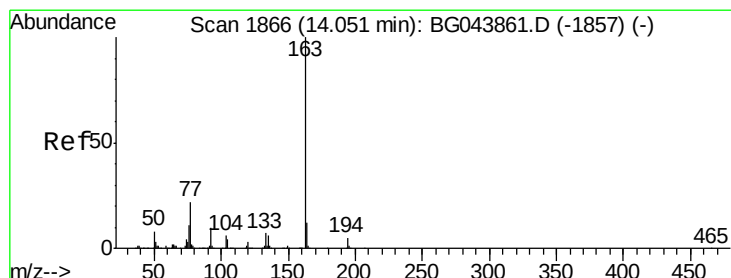
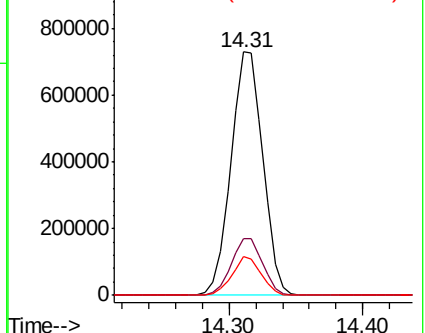
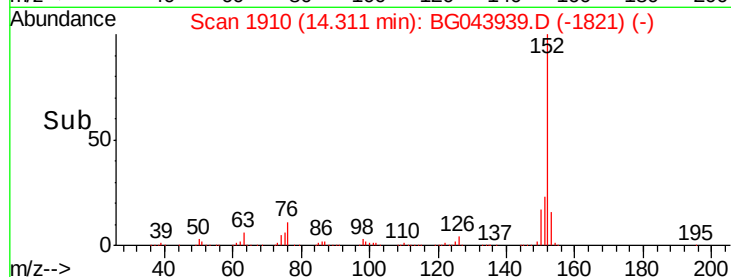
153 15.7 12.0 18.0



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: 40.445 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BG043939.D

Acq: 6 Jan 2020 20:13

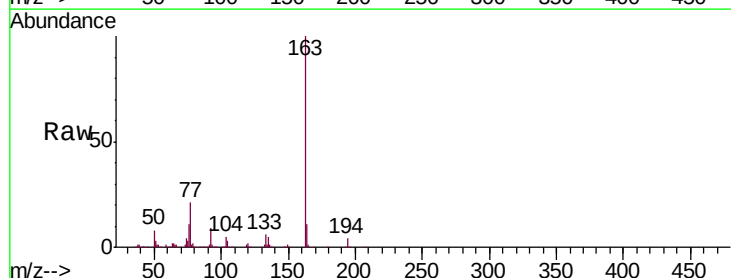
Tgt Ion:163 Resp: 988152

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

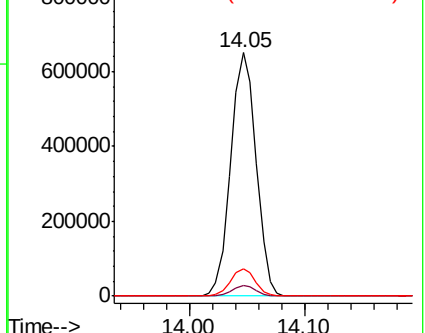
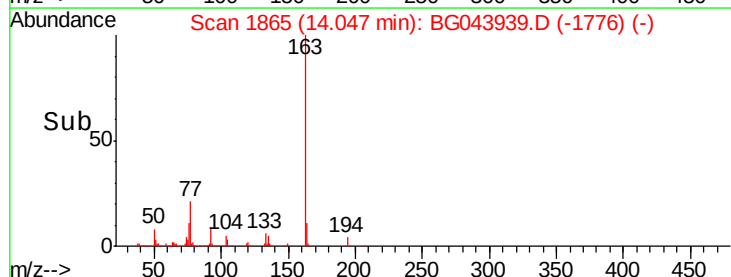
164 11.3 9.3 13.9

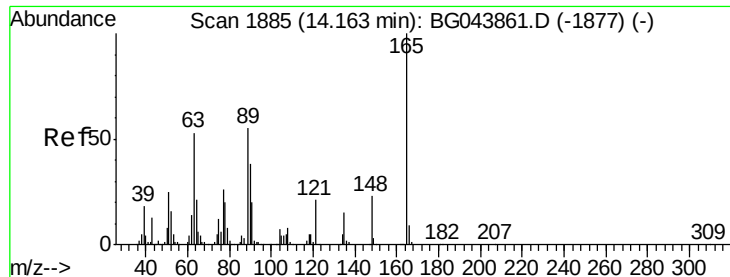


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.292 ng

RT: 14.16 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BG043939.D

Acq: 6 Jan 2020 20:13

Instrument :

BNA_G

ClientSampleId :

IDOC-S-02-CG

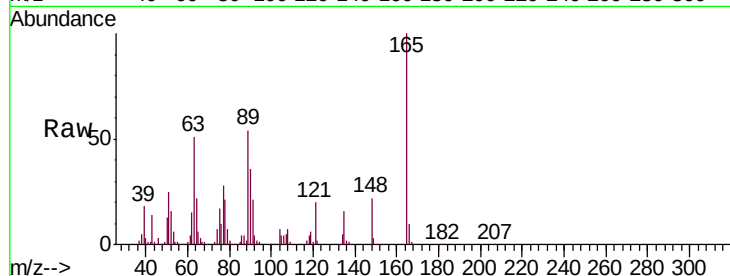
Tgt Ion:165 Resp: 228027

Ion Ratio Lower Upper

165 100

63 50.6 43.1 64.7

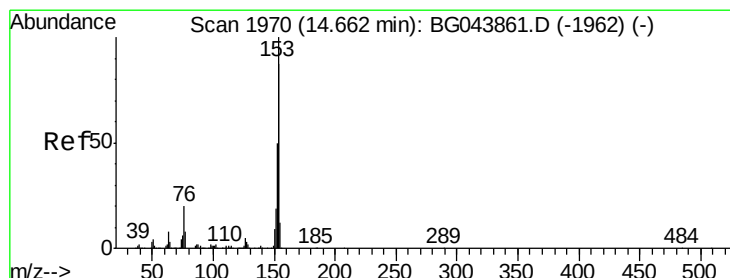
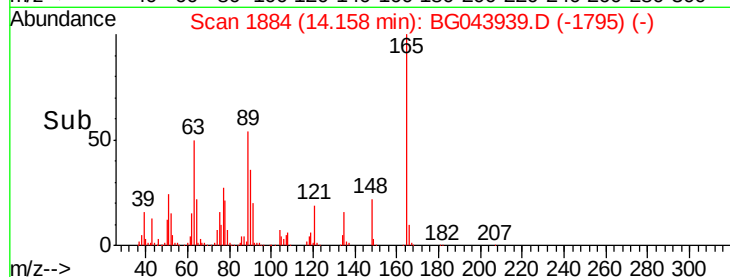
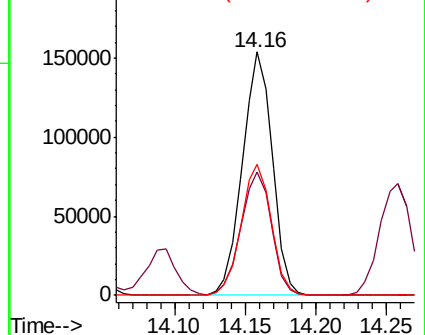
89 53.9 43.8 65.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 42.644 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG043939.D

Acq: 6 Jan 2020 20:13

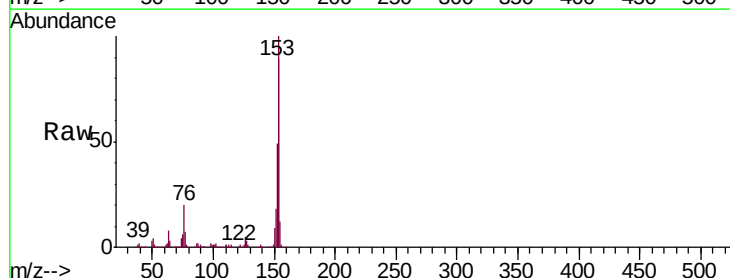
Tgt Ion:154 Resp: 856922

Ion Ratio Lower Upper

154 100

153 112.5 91.6 137.4

152 55.6 45.4 68.0



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

