

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051319\
 Data File : BG040923.D
 Acq On : 13 May 2019 22:35
 Operator : HP/JU
 Sample : IDOC-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-03

Quant Time: May 14 01:50:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	120317	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	546410	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	411591	20.00	ng	-0.03
64) Phenanthrene-d10	17.50	188	1004983	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	987291	20.00	ng	-0.03
87) Perylene-d12	25.14	264	1097797	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	890784	130.51	ng	-0.02
7) Phenol-d6	7.29	99	1286103	122.38	ng	0.00
23) Nitrobenzene-d5	9.31	82	783232	66.23	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	740077	130.82	ng	-0.02
45) 2-Fluorobiphenyl	13.38	172	1766283	61.98	ng	-0.03
79) Terphenyl-d14	20.10	244	2729538	61.25	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	35574	11.460	ng	91
3) Pyridine	3.93	79	100040	11.119	ng	97
4) n-Nitrosodimethylamine	3.85	42	55667	11.155	ng	94
6) Aniline	7.45	93	123652	8.877	ng	98
8) 2-Chlorophenol	7.69	128	122235	14.667	ng	97
9) Benzaldehyde	7.26	77	58186	4.822	ng	99
10) Phenol	7.31	94	172171	15.240	ng	99
11) bis(2-Chloroethyl)ether	7.55	93	109257	12.897	ng	93
12) 1,3-Dichlorobenzene	8.01	146	125344	13.779	ng	96
13) 1,4-Dichlorobenzene	8.16	146	128272	13.910	ng	96
14) 1,2-Dichlorobenzene	8.48	146	122503	13.775	ng	97
15) Benzyl Alcohol	8.37	79	143600	13.132	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	173432	10.283	ng	95
17) 2-Methylphenol	8.56	107	121969	15.256	ng	93
18) Hexachloroethane	9.21	117	48865	12.918	ng	98
19) n-Nitroso-di-n-propylamine	8.94	70	112227	11.863	ng	95
20) 3+4-Methylphenols	8.89	107	171655	15.413	ng	99
22) Acetophenone	8.96	105	207114	13.631	ng	# 91
24) Nitrobenzene	9.35	77	169610	13.443	ng	93
25) Isophorone	9.87	82	320032	12.149	ng	98
26) 2-Nitrophenol	10.06	139	76105	16.827	ng	97
27) 2,4-Dimethylphenol	10.10	122	142476	16.790	ng	96
28) bis(2-Chloroethoxy)methane	10.35	93	167625	12.684	ng	94
29) 2,4-Dichlorophenol	10.59	162	158866	16.468	ng	94
30) 1,2,4-Trichlorobenzene	10.81	180	165138	15.436	ng	98
31) Naphthalene	11.01	128	398206	13.717	ng	100
32) Benzoic acid	10.22	122	91414	15.736	ng	98
33) 4-Chloroaniline	11.11	127	99189	7.707	ng	95
34) Hexachlorobutadiene	11.26	225	117106	14.827	ng	99
35) Caprolactam	11.90	113	50424	13.239	ng	# 75
36) 4-Chloro-3-methylphenol	12.22	107	174762	14.360	ng	99
37) 2-Methylnaphthalene	12.60	142	313416	14.440	ng	99
38) 1-Methylnaphthalene	12.82	142	297832	14.039	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	227636	14.846	ng	98

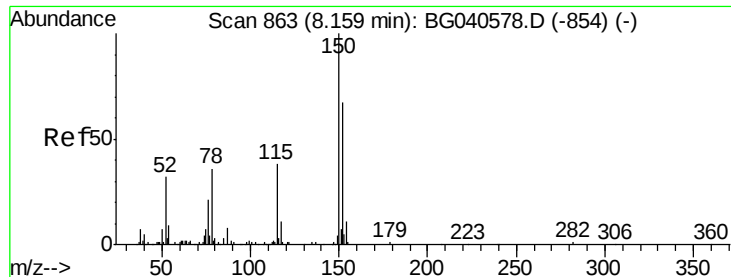
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051319\
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 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	264677	29.254	ng	96
43) 2,4,6-Trichlorophenol	13.20	196	150755	16.270	ng	97
44) 2,4,5-Trichlorophenol	13.27	196	160855	15.936	ng	97
46) 1,1'-Biphenyl	13.60	154	420341	13.154	ng	94
47) 2-Chloronaphthalene	13.64	162	351596	14.059	ng	97
48) 2-Nitroaniline	13.85	65	122531	13.764	ng	92
49) Acenaphthylene	14.49	152	546554	12.881	ng	99
50) Dimethylphthalate	14.21	163	460058	13.359	ng	99
51) 2,6-Dinitrotoluene	14.34	165	99599	14.819	ng	85
52) Acenaphthene	14.82	154	315317	12.761	ng	96
53) 3-Nitroaniline	14.67	138	75266	10.930	ng	93
54) 2,4-Dinitrophenol	14.87	184	84375	27.322	ng	# 91
55) Dibenzofuran	15.16	168	551232	13.620	ng	98
56) 4-Nitrophenol	14.97	139	158146	26.484	ng	89
57) 2,4-Dinitrotoluene	15.12	165	144696	15.844	ng	# 86
58) Fluorene	15.81	166	427233	13.060	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.37	232	162171	15.963	ng	95
60) Diethylphthalate	15.56	149	468766	12.902	ng	98
61) 4-Chlorophenyl-phenylether	15.79	204	272353	14.315	ng	96
62) 4-Nitroaniline	15.84	138	97586	12.668	ng	84
63) Azobenzene	16.09	77	425353	11.367	ng	94
65) 4,6-Dinitro-2-methylphenol	15.88	198	71705	19.439	ng	86
66) n-Nitrosodiphenylamine	16.01	169	400058	13.530	ng	96
67) 4-Bromophenyl-phenylether	16.69	248	178721	14.274	ng	92
68) Hexachlorobenzene	16.80	284	185388	14.320	ng	95
69) Atrazine	16.95	200	168931	14.421	ng	95
70) Pentachlorophenol	17.15	266	232993	30.755	ng	99
71) Phenanthrene	17.54	178	714877	13.206	ng	98
72) Anthracene	17.64	178	757924	13.930	ng	99
73) Carbazole	17.91	167	643124	12.973	ng	98
74) Di-n-butylphthalate	18.44	149	782228	13.073	ng	100
75) Fluoranthene	19.55	202	933285	13.835	ng	98
77) Benzidine	19.73	184	283447	10.485	ng	98
78) Pyrene	19.91	202	934158	15.097	ng	99
80) Butylbenzylphthalate	20.78	149	357850	14.838	ng	92
81) Benzo(a)anthracene	21.77	228	923123	14.794	ng	98
82) 3,3'-Dichlorobenzidine	21.68	252	234709	10.553	ng	99
83) Chrysene	21.83	228	880842	14.844	ng	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	499888	14.359	ng	96
85) Di-n-octyl phthalate	22.89	149	854211	14.569	ng	# 94
86) Indeno(1,2,3-cd)pyrene	28.97	276	1100739	15.342	ng	# 89
88) Benzo(b)fluoranthene	24.13	252	884649	13.187	ng	97
89) Benzo(k)fluoranthene	24.13	252	884649	14.120	ng	# 97
90) Benzo(a)pyrene	24.98	252	905236	14.255	ng	# 98
91) Dibenzo(a,h)anthracene	29.05	278	905081	14.084	ng	95
92) Benzo(g,h,i)perylene	30.20	276	905679	14.161	ng	97

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

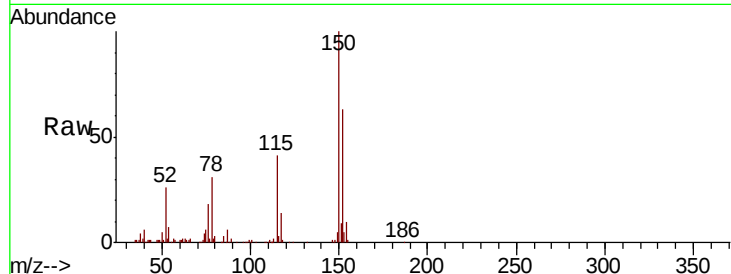


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Instrument :
BNA_G
ClientSampleId :
IDOC-03

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.6	120.2	180.2
115	64.3	46.2	69.2

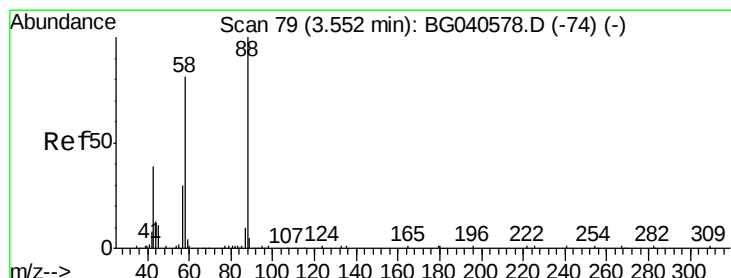
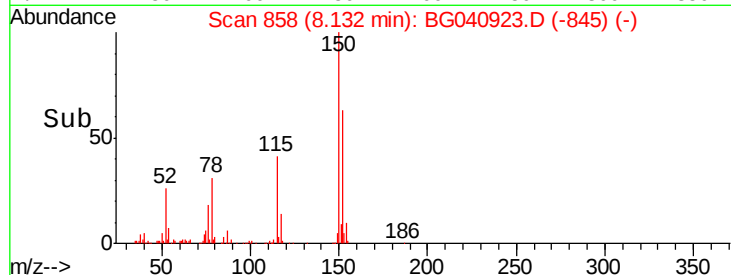
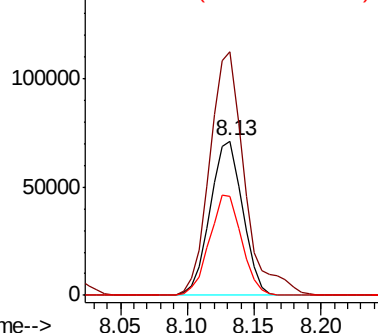


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

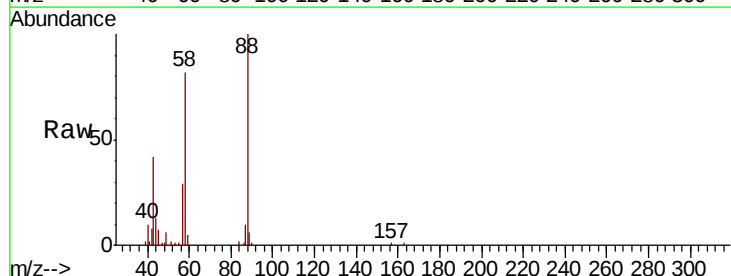
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 11.460 ng
RT: 3.53 min Scan# 74
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.7	71.2	106.8
43	51.5	35.6	53.4

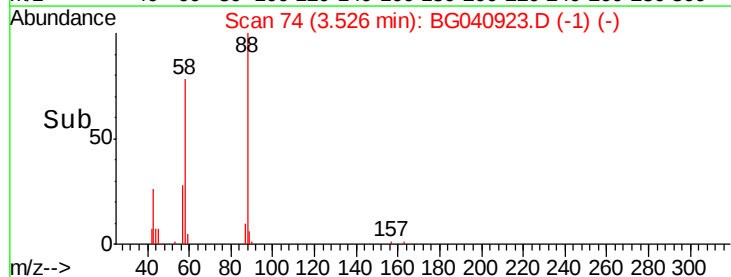
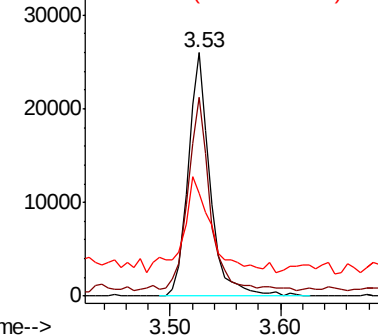


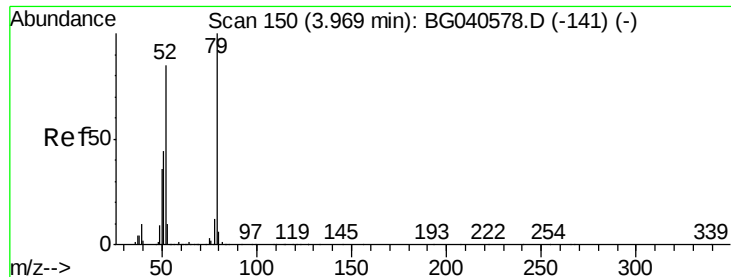
Abundance

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: 11.119 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.04 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

Instrument :

BNA_G

ClientSampleId :

IDOC-03

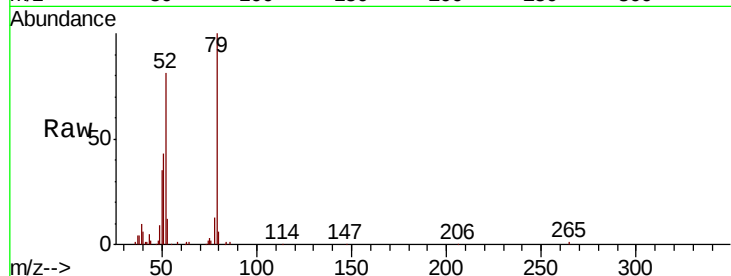
Tgt Ion: 79 Resp: 100040

Ion Ratio Lower Upper

79 100

52 80.7 67.5 101.3

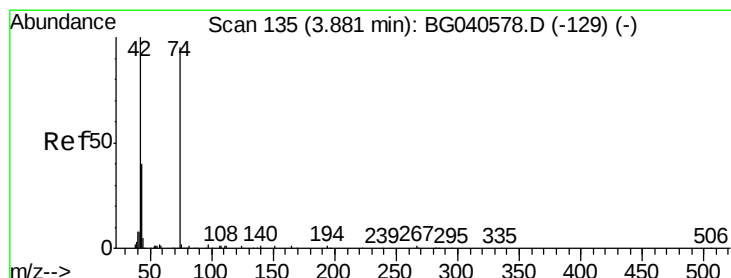
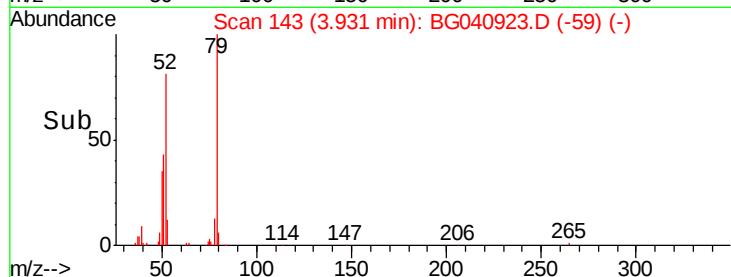
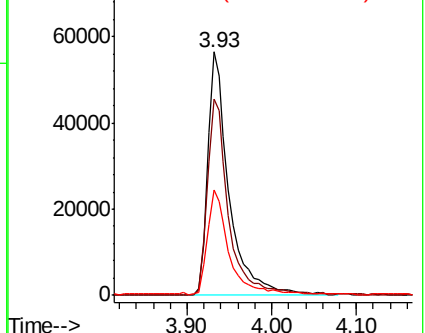
51 43.4 35.6 53.4



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: 11.155 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.03 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

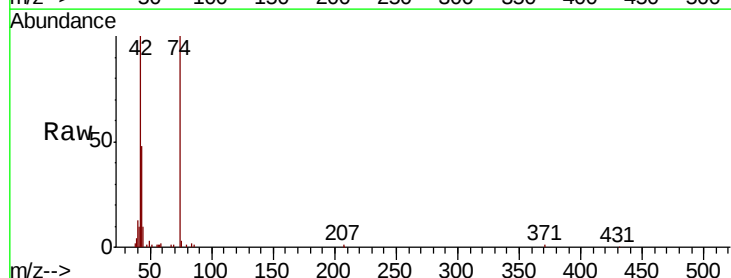
Tgt Ion: 42 Resp: 55667

Ion Ratio Lower Upper

42 100

74 99.6 74.6 111.8

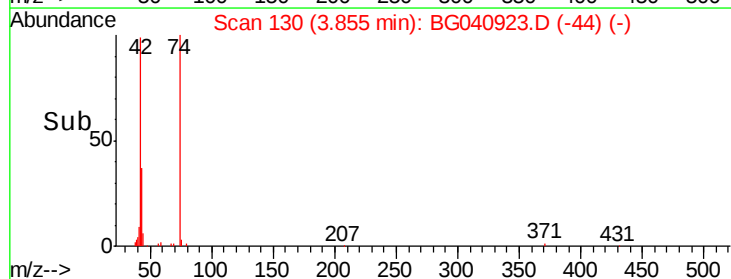
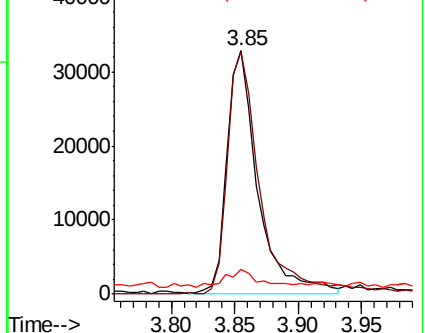
44 10.2 7.4 11.0

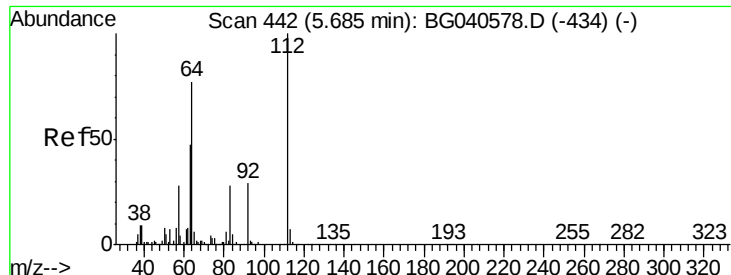


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 130.509 ng

RT: 5.66 min Scan# 438

Delta R.T. -0.02 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

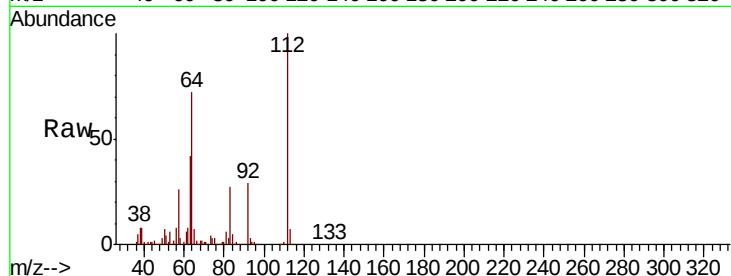
Instrument :

BNA_G

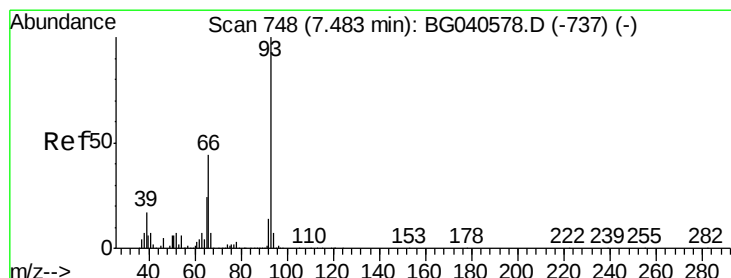
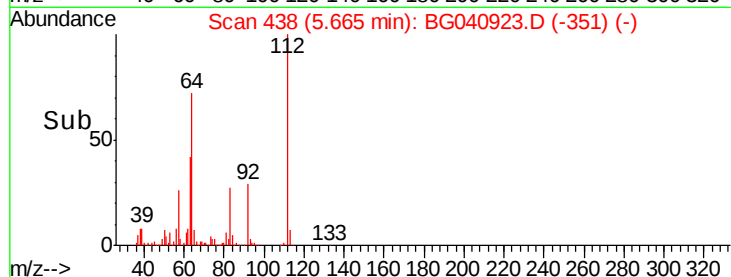
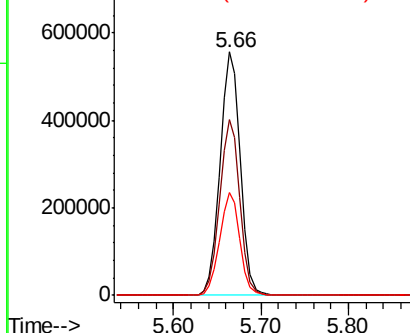
ClientSampleId :

IDOC-03

Tgt Ion:	112	Resp:	890784
Ion	Ratio	Lower	Upper
112	100		
64	72.4	61.4	92.0
63	42.0	37.8	56.6



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: 8.877 ng

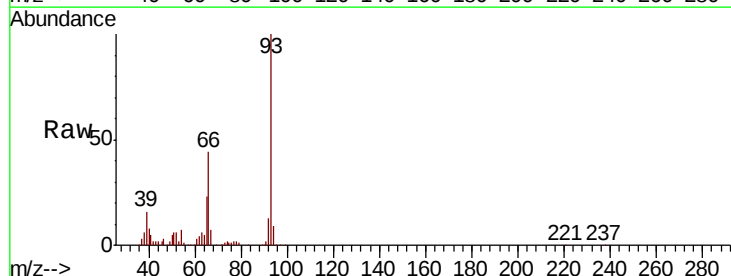
RT: 7.45 min Scan# 742

Delta R.T. -0.03 min

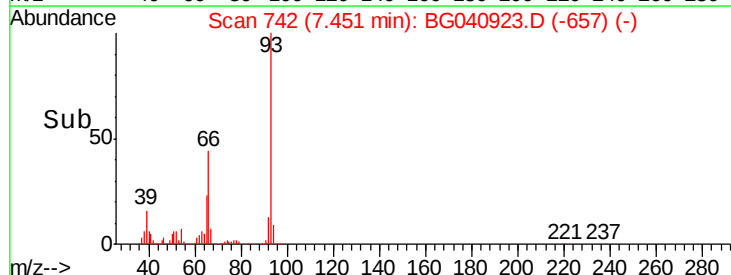
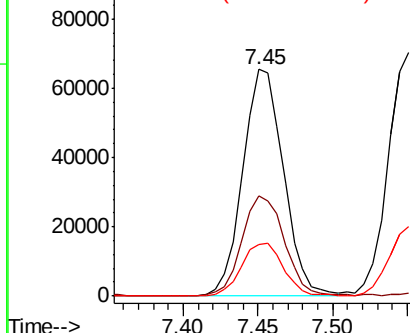
Lab File: BG040923.D

Acq: 13 May 2019 22:35

Tgt Ion:	93	Resp:	123652
Ion	Ratio	Lower	Upper
93	100		
66	43.9	35.5	53.3
65	22.5	19.2	28.8



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: 122.378 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

Instrument :

BNA_G

ClientSampleId :

IDOC-03

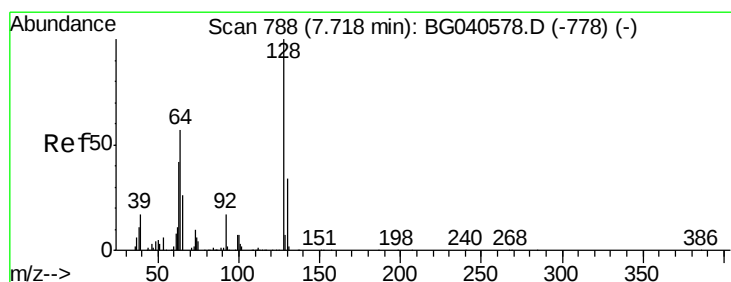
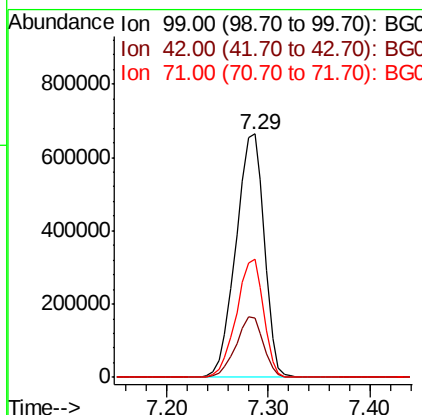
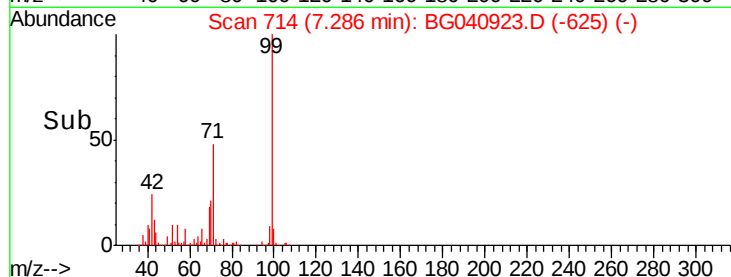
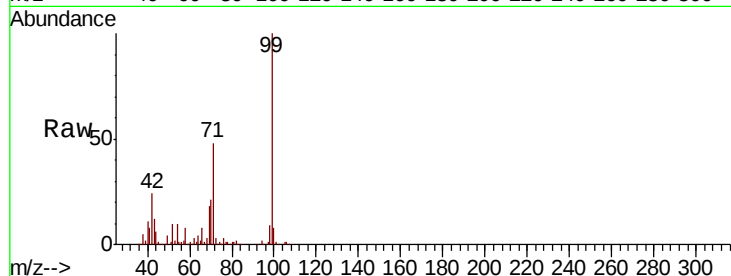
Tgt Ion: 99 Resp: 1286103

Ion Ratio Lower Upper

99 100

42 24.4 21.8 32.8

71 48.5 38.6 57.8



#8

2-Chlorophenol

Concen: 14.667 ng

RT: 7.69 min Scan# 783

Delta R.T. -0.03 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

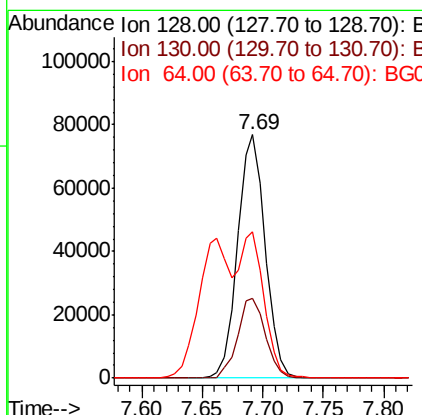
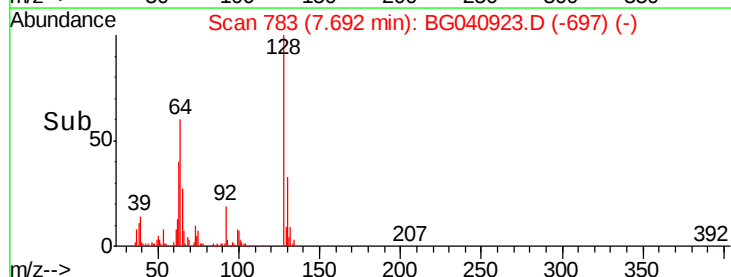
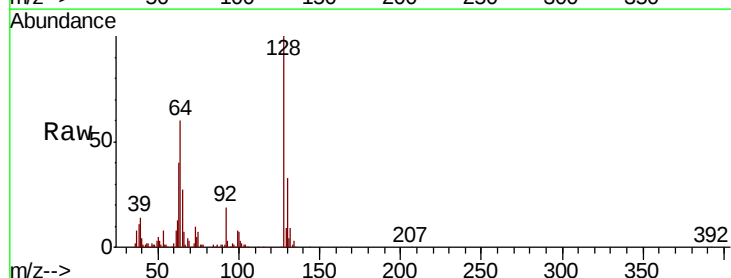
Tgt Ion: 128 Resp: 122235

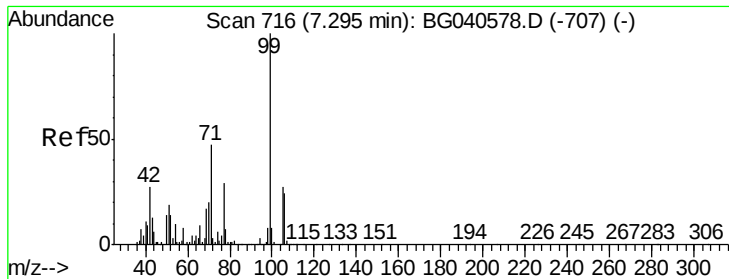
Ion Ratio Lower Upper

128 100

130 32.8 14.5 54.5

64 60.2 38.4 78.4





#9

Benzaldehyde

Concen: 4.822 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.03 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

Instrument :

BNA_G

ClientSampleId :

IDOC-03

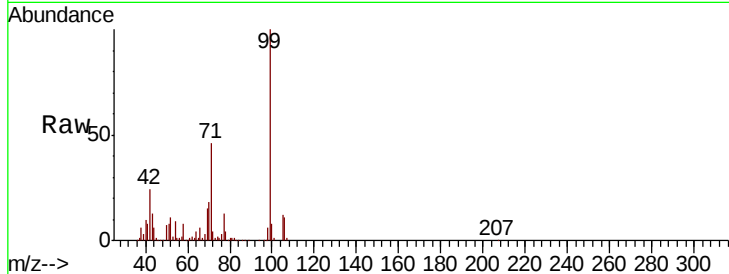
Tgt Ion: 77 Resp: 58186

Ion Ratio Lower Upper

77 100

105 91.2 72.0 112.0

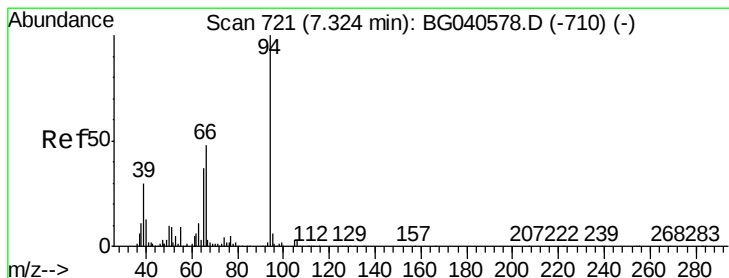
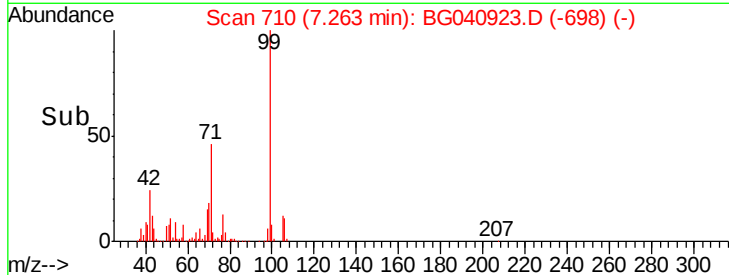
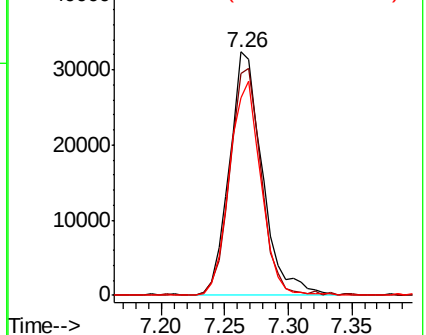
106 80.9 61.2 101.2



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: 15.240 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

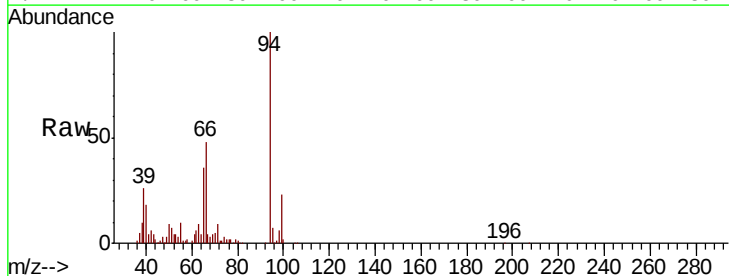
Tgt Ion: 94 Resp: 172171

Ion Ratio Lower Upper

94 100

65 36.1 17.0 57.0

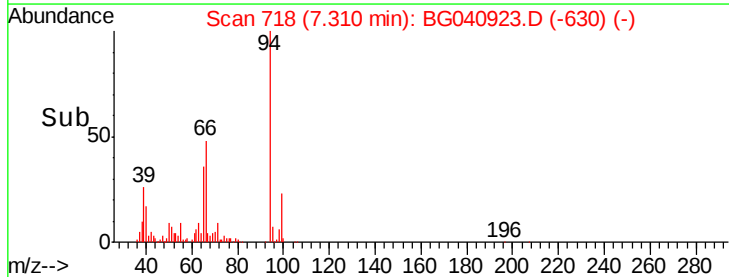
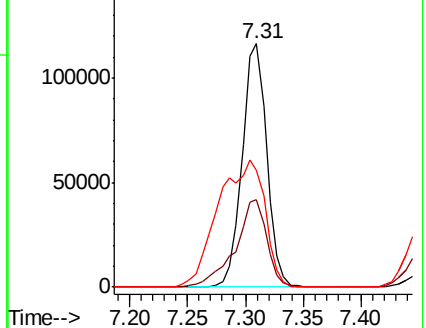
66 48.1 28.6 68.6

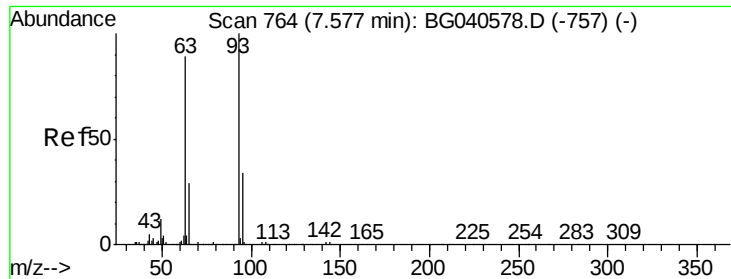


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

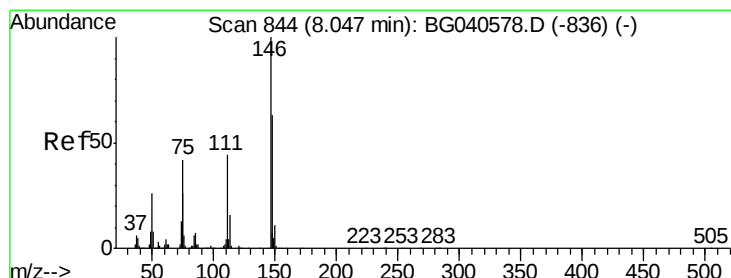
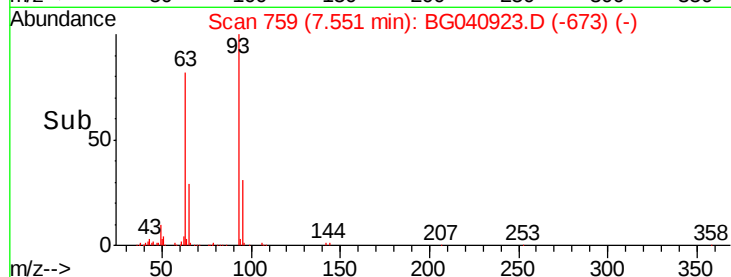
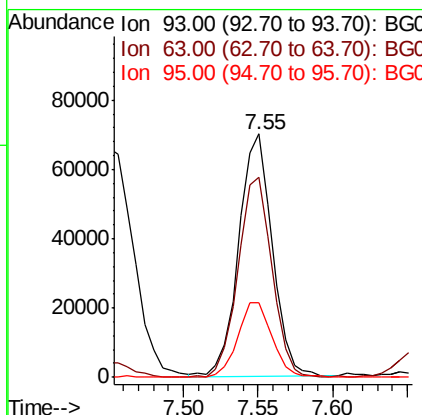
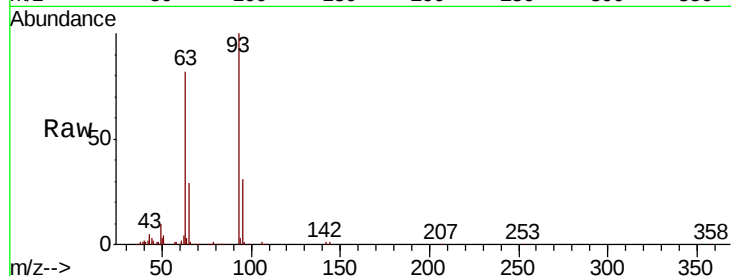




#11
 bis(2-Chloroethyl)ether
 Concen: 12.897 ng
 RT: 7.55 min Scan# 759
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

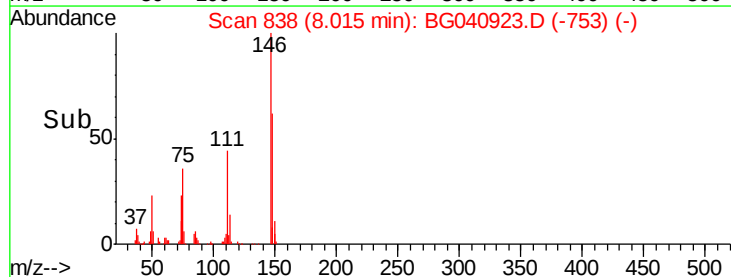
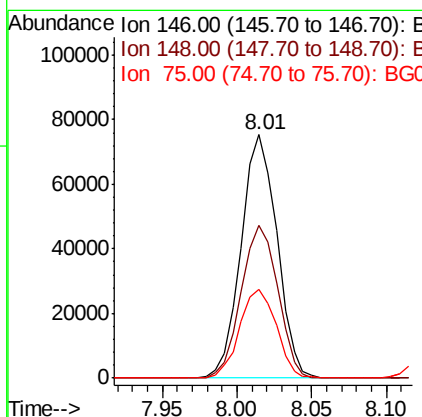
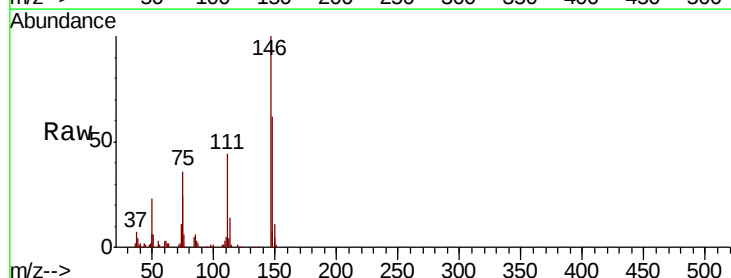
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-03

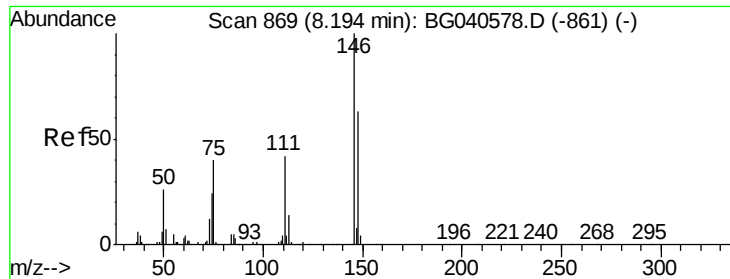
Tgt Ion: 93 Resp: 109257
 Ion Ratio Lower Upper
 93 100
 63 82.0 68.2 108.2
 95 30.6 14.3 54.3



#12
 1,3-Dichlorobenzene
 Concen: 13.779 ng
 RT: 8.01 min Scan# 838
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Tgt Ion: 146 Resp: 125344
 Ion Ratio Lower Upper
 146 100
 148 62.5 50.7 76.1
 75 36.4 33.4 50.2

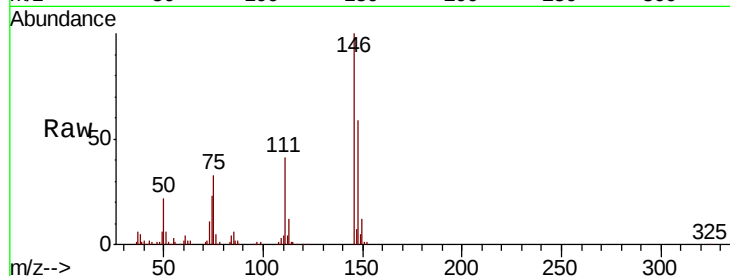




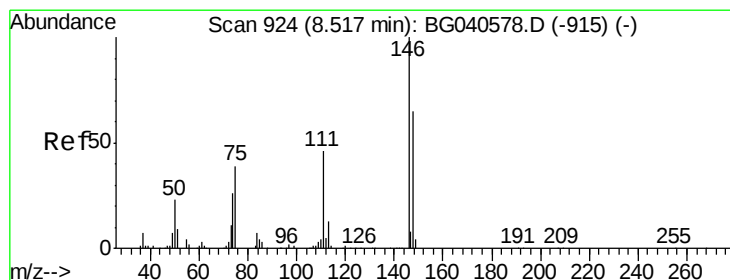
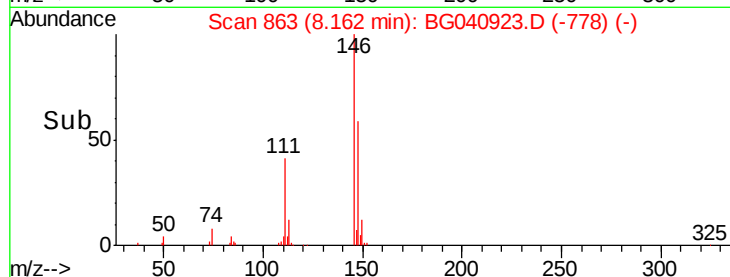
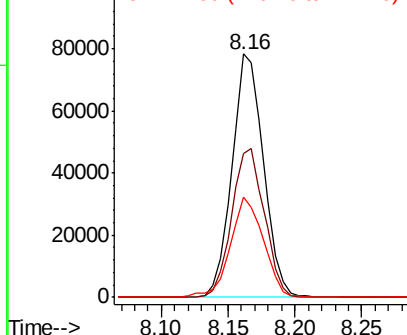
#13
 1,4-Dichlorobenzene
 Concen: 13.910 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-03

Tgt Ion:146 Resp: 128272
 Ion Ratio Lower Upper
 146 100
 148 59.1 50.6 75.8
 111 41.3 34.3 51.5

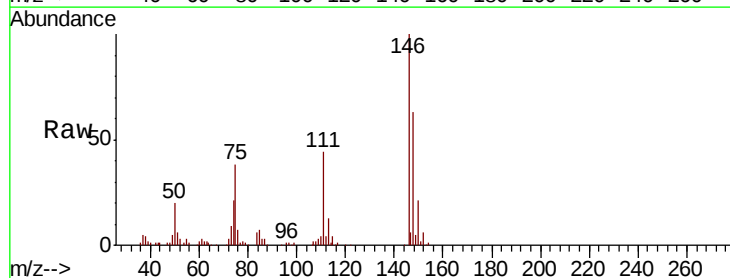


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

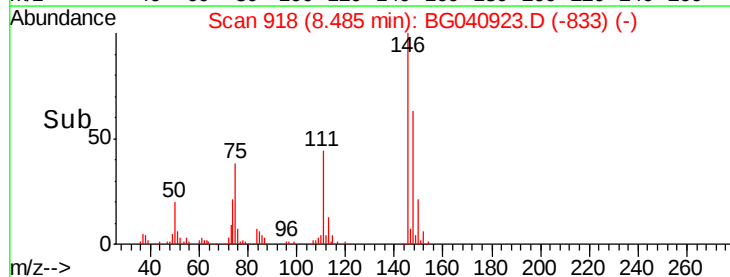
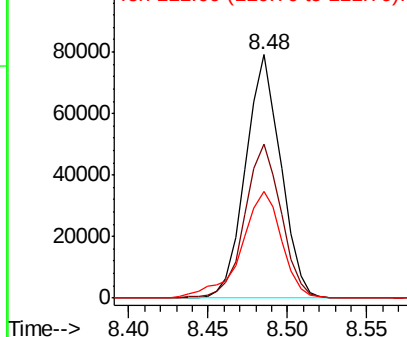


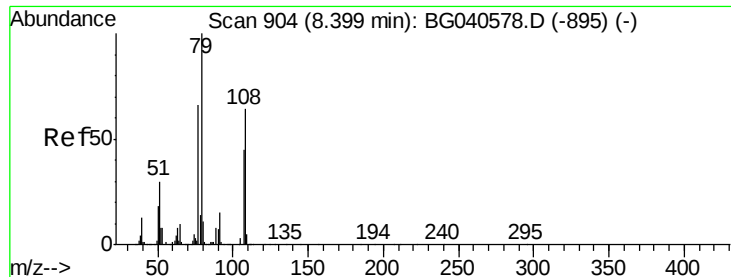
#14
 1,2-Dichlorobenzene
 Concen: 13.775 ng
 RT: 8.48 min Scan# 918
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Tgt Ion:146 Resp: 122503
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.2 78.4
 111 43.8 37.4 56.0



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: 13.132 ng

RT: 8.37 min Scan# 898

Delta R.T. -0.03 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

Instrument :

BNA_G

ClientSampleId :

IDOC-03

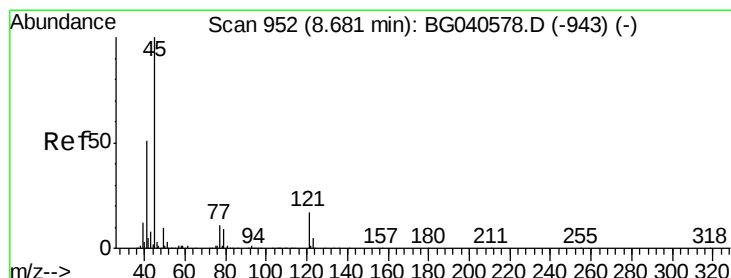
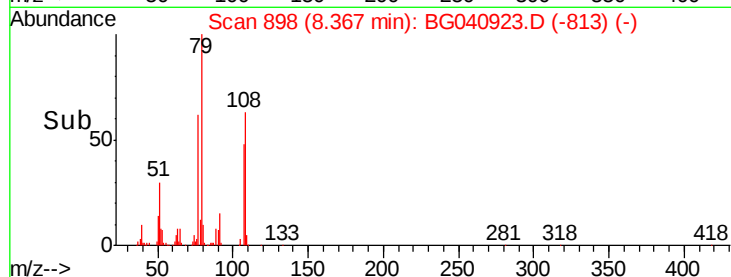
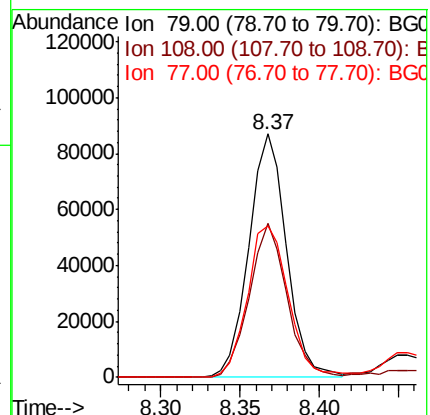
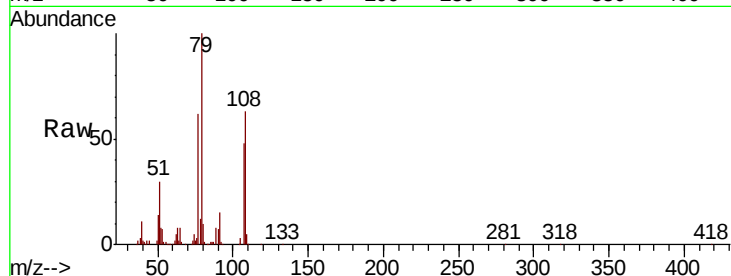
Tgt Ion: 79 Resp: 143600

Ion Ratio Lower Upper

79 100

108 63.2 51.4 77.0

77 62.0 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.283 ng

RT: 8.64 min Scan# 945

Delta R.T. -0.04 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

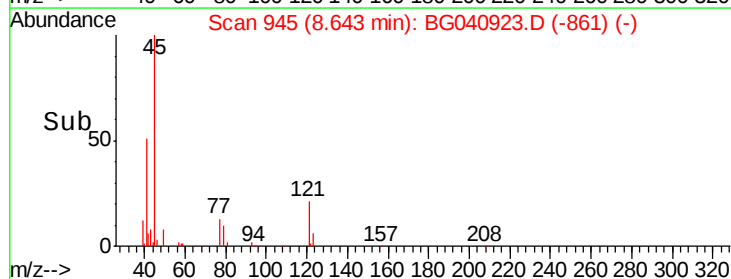
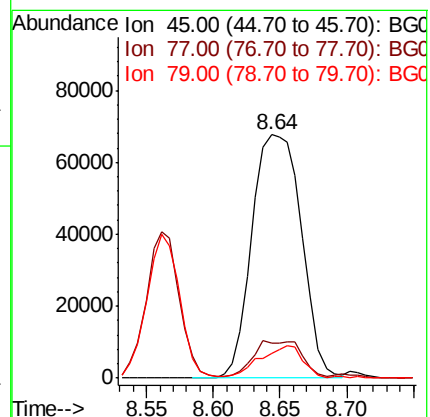
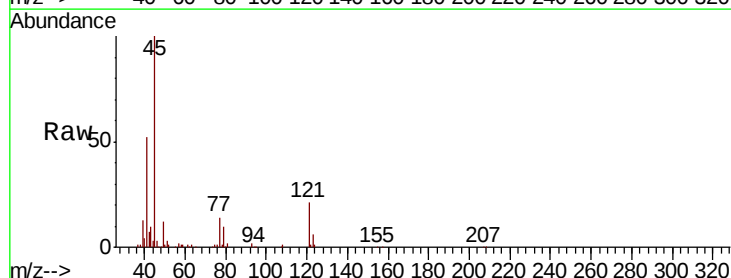
Tgt Ion: 45 Resp: 173432

Ion Ratio Lower Upper

45 100

77 14.1 0.0 31.5

79 10.3 0.0 29.4

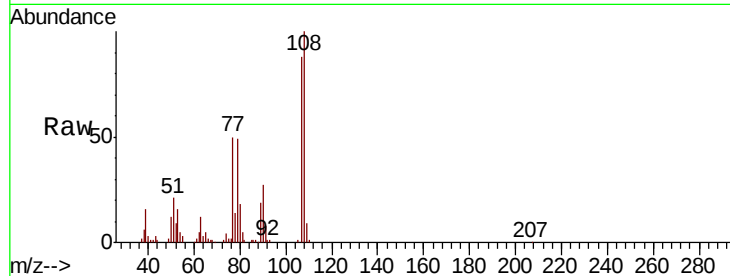




#17
2-Methylphenol
Concen: 15.256 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Instrument :
BNA_G
ClientSampleId :
IDOC-03

Tgt Ion:	107	Resp:	121969
Ion	Ratio	Lower	Upper
107	100		
108	113.6	81.2	121.8
77	57.2	44.4	66.6
79	56.1	47.0	70.4



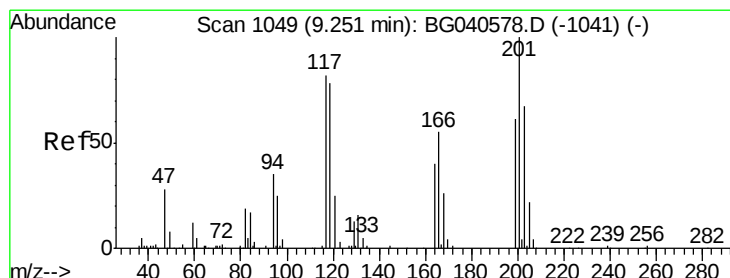
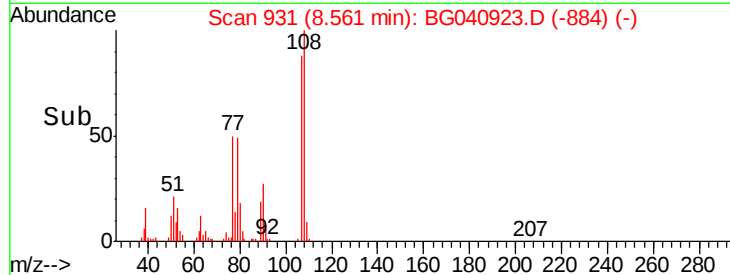
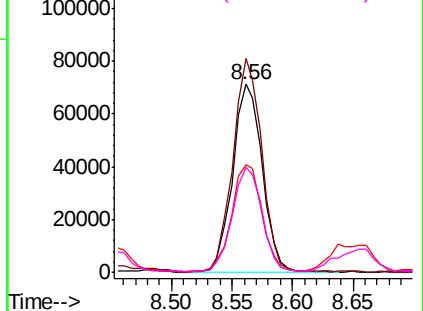
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

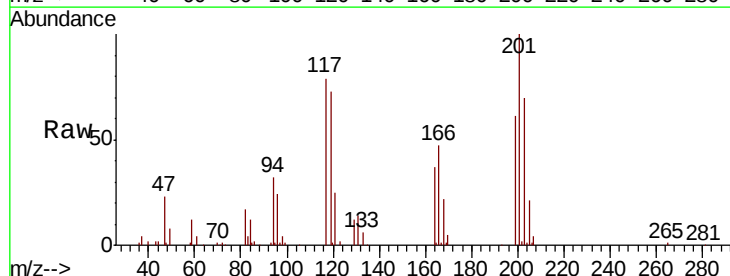
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 12.918 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.04 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Tgt Ion:	117	Resp:	48865
Ion	Ratio	Lower	Upper
117	100		
119	91.9	76.6	114.8
201	126.0	101.0	151.6

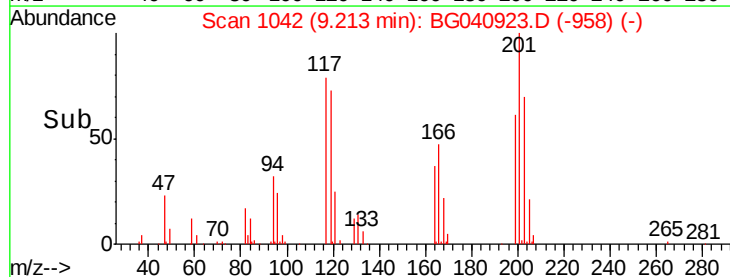
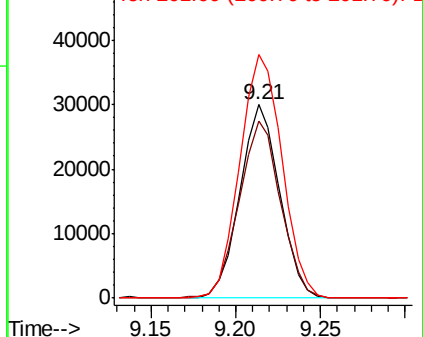


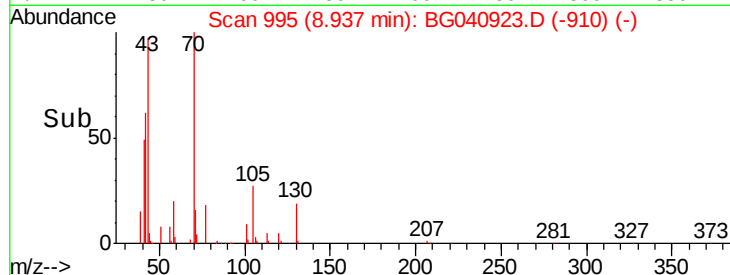
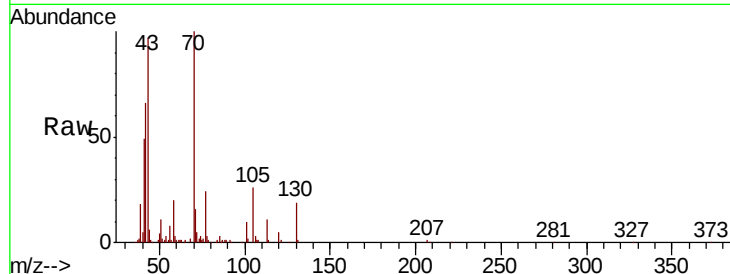
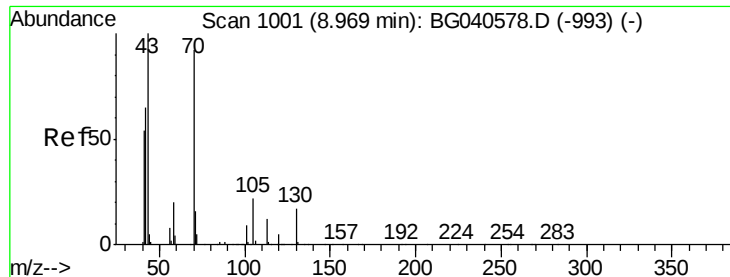
Abundance

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

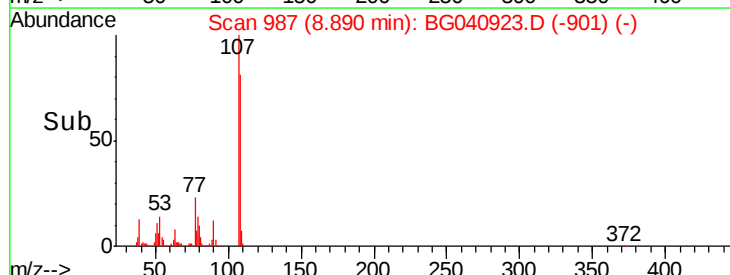
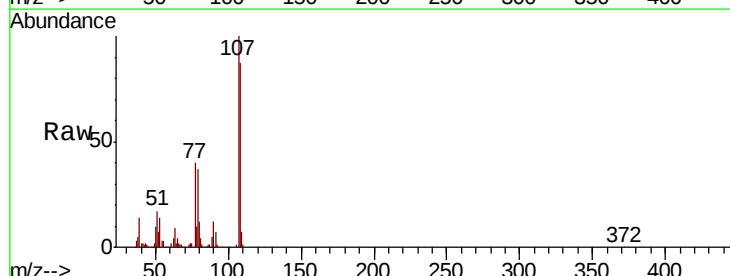
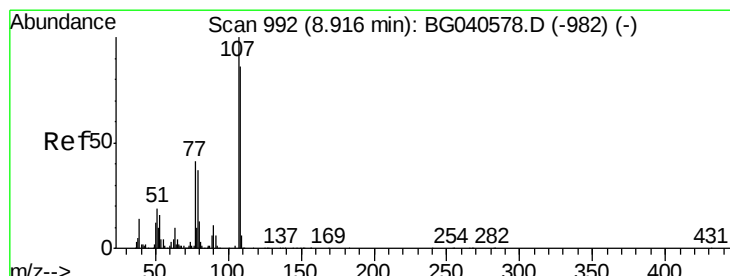
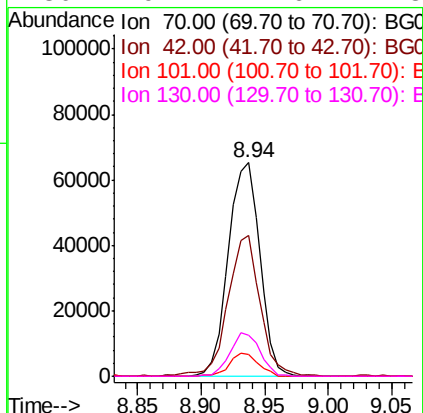




#19
n-Nitroso-di-n-propylamine
Concen: 11.863 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

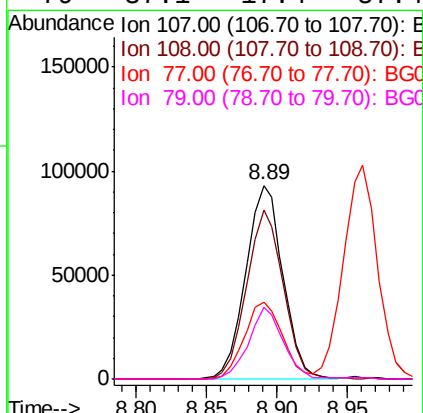
Instrument :
BNA_G
ClientSampleId :
IDOC-03

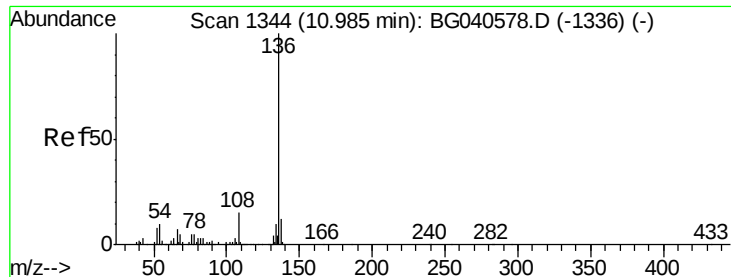
Tgt Ion:	70	Resp:	112227
Ion	Ratio	Lower	Upper
70	100		
42	65.9	57.1	85.7
101	9.9	7.8	11.8
130	19.2	14.6	21.8



#20
3+4-Methylphenols
Concen: 15.413 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Tgt Ion:	107	Resp:	171655
Ion	Ratio	Lower	Upper
107	100		
108	87.3	66.1	106.1
77	40.0	21.6	61.6
79	37.1	17.4	57.4

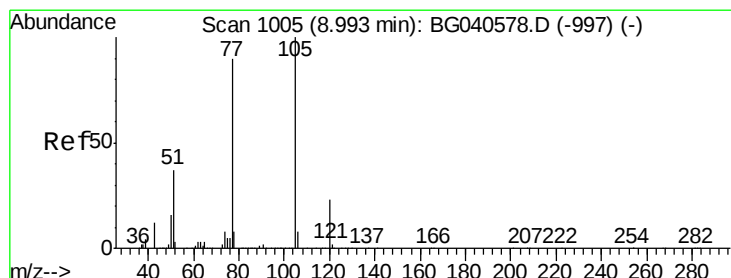
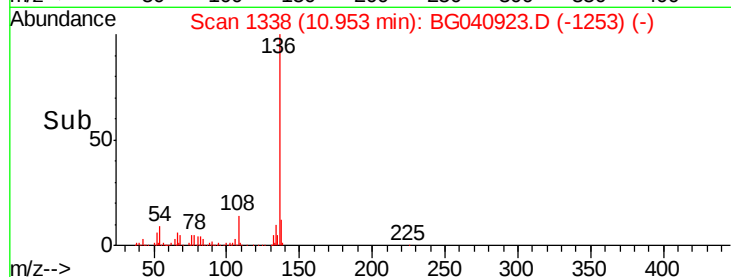
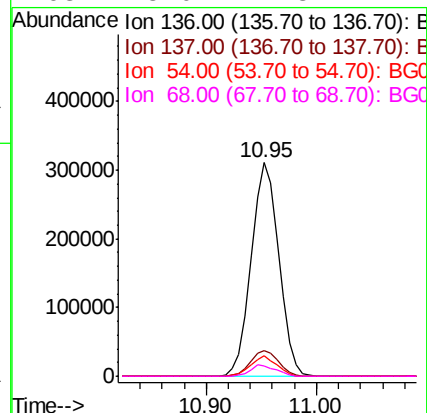
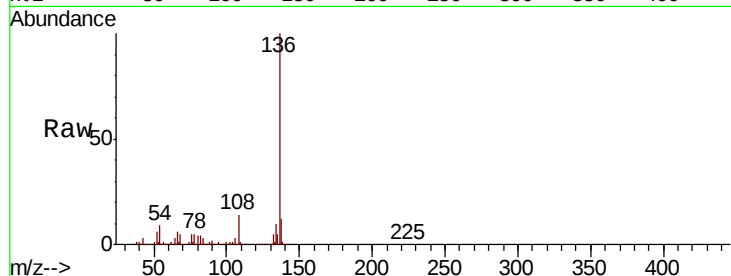




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

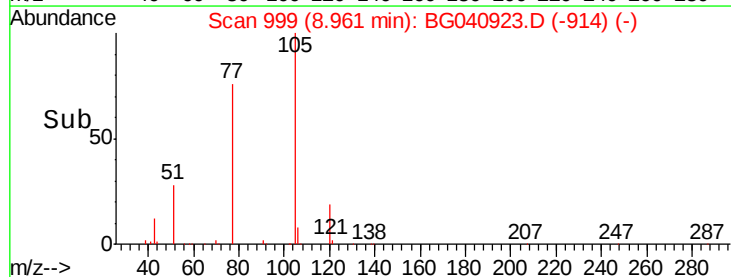
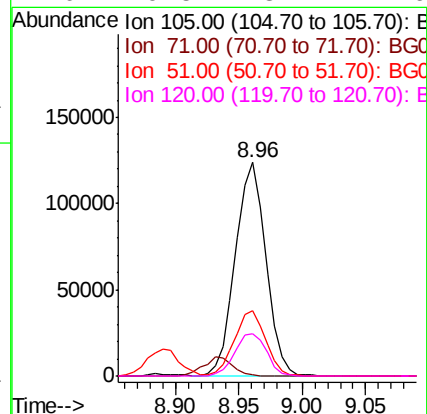
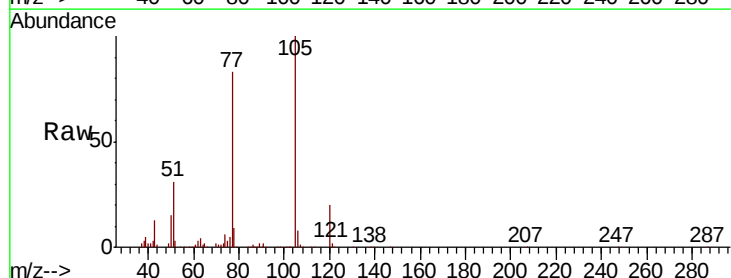
Instrument :
BNA_G
ClientSampleId :
IDOC-03

Tgt Ion:	136	Resp:	546410
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.7	14.5
54	9.5	8.6	12.8
68	5.0	4.8	7.2



#22
Acetophenone
Concen: 13.631 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Tgt Ion:	105	Resp:	207114
Ion	Ratio	Lower	Upper
105	100		
71	0.6	1.8	2.8#
51	30.9	29.8	44.8
120	19.5	18.4	27.6

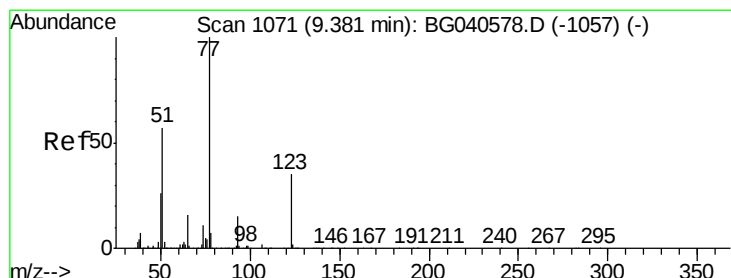
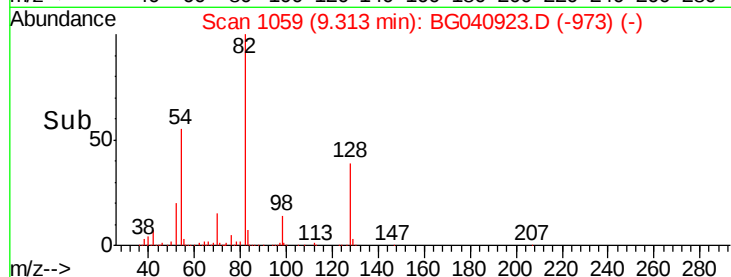
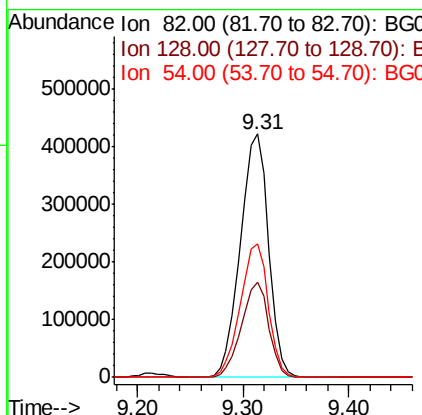
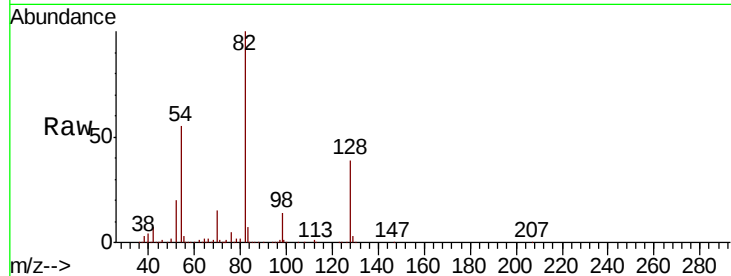




#23
 Nitrobenzene-d5
 Concen: 66.233 ng
 RT: 9.31 min Scan# 1059
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

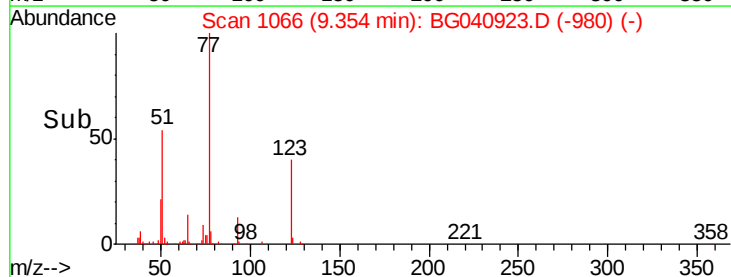
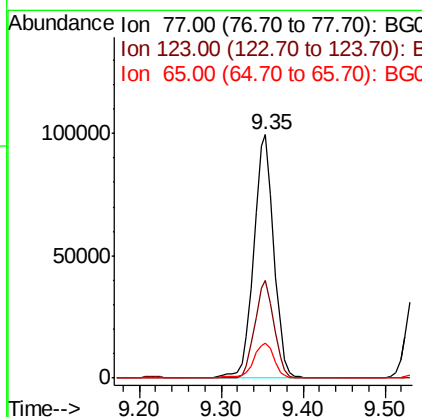
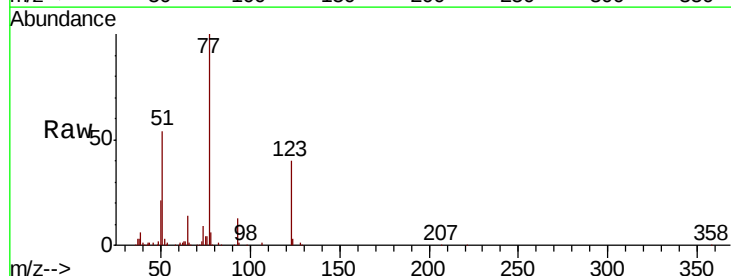
Instrument :
 BNA_G
 ClientSampled :
 IDOC-03

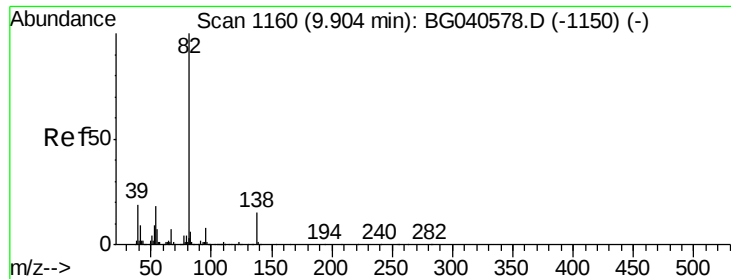
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.9	28.9	43.3
54	54.9	47.2	70.8



#24
 Nitrobenzene
 Concen: 13.443 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.2	27.8	41.6
65	14.4	12.4	18.6

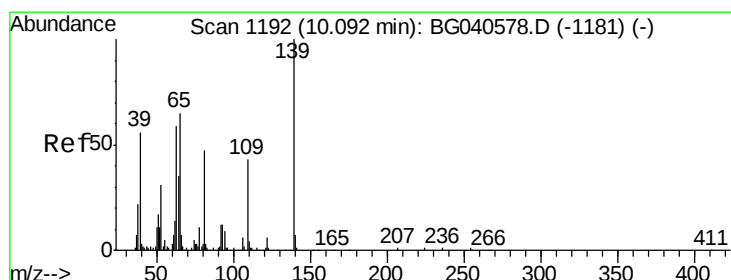
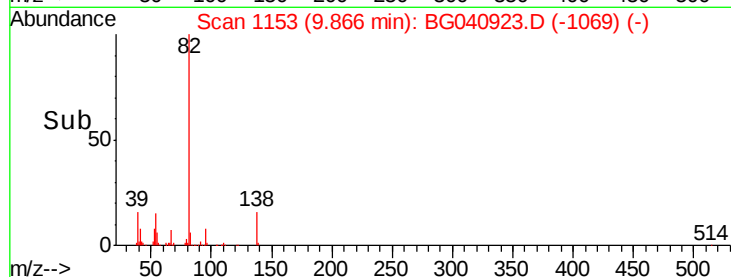
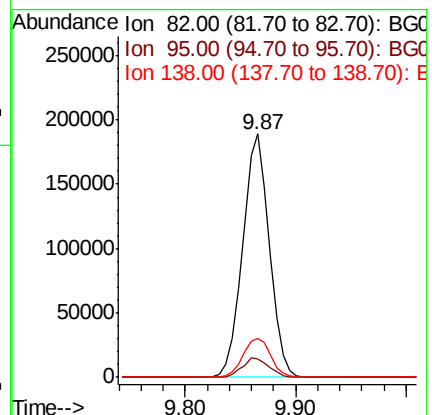
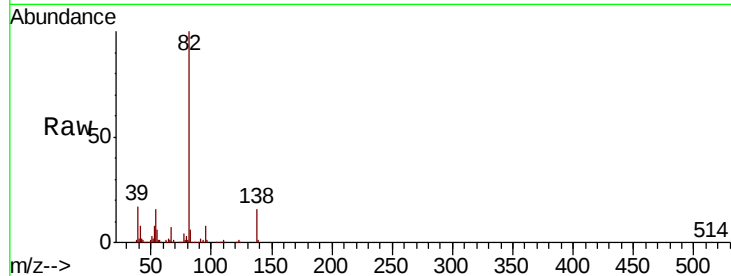




#25
Isophorone
Concen: 12.149 ng
RT: 9.87 min Scan# 1153
Delta R.T. -0.04 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

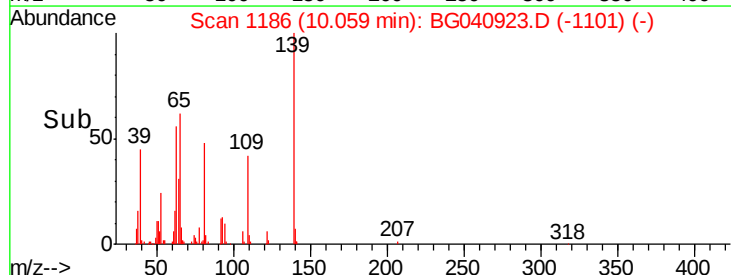
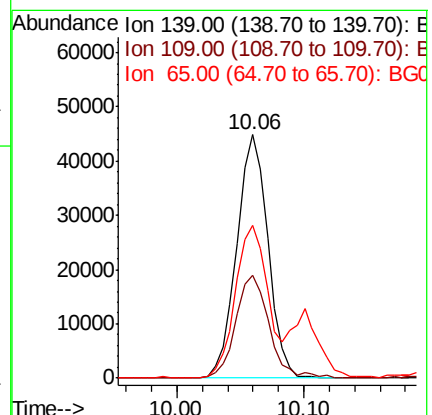
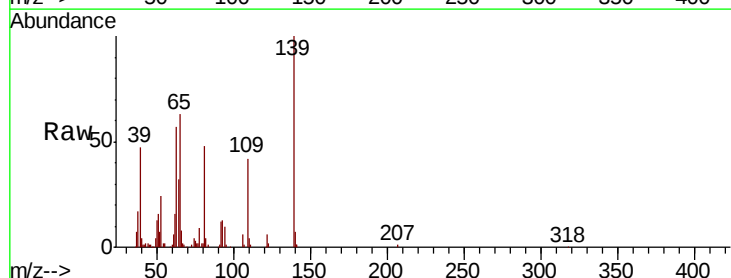
Instrument :
BNA_G
ClientSampleId :
IDOC-03

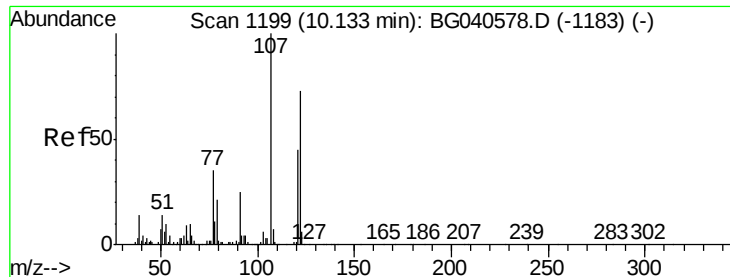
Tgt Ion: 82 Resp: 320032
Ion Ratio Lower Upper
82 100
95 7.6 6.9 10.3
138 15.7 12.3 18.5



#26
2-Nitrophenol
Concen: 16.827 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Tgt Ion: 139 Resp: 76105
Ion Ratio Lower Upper
139 100
109 42.3 35.6 53.4
65 63.0 52.3 78.5

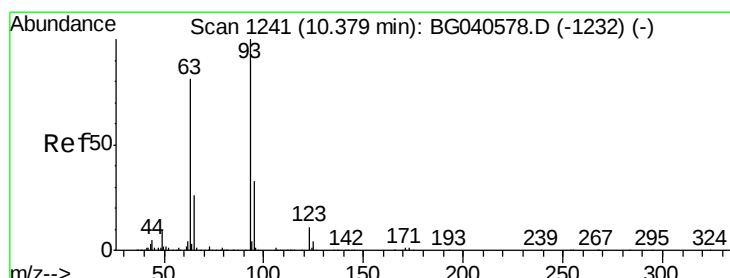
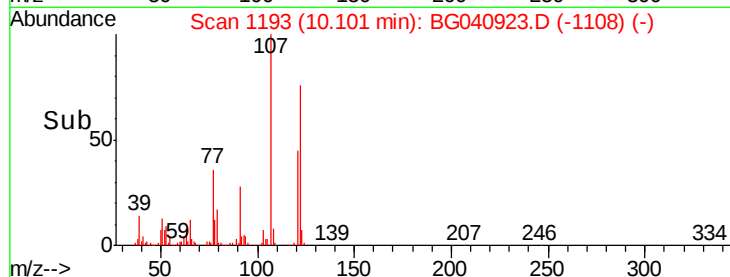
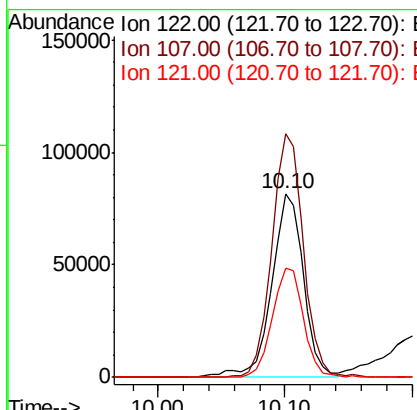
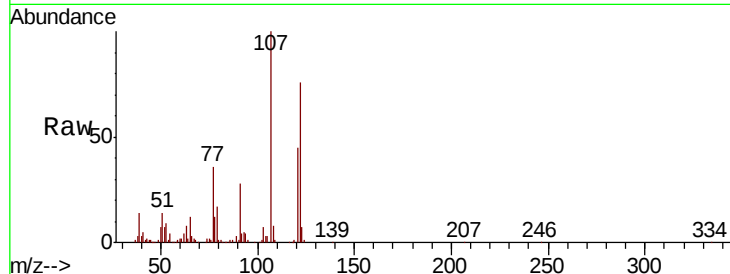




#27
 2,4-Dimethylphenol
 Concen: 16.790 ng
 RT: 10.10 min Scan# 1193
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

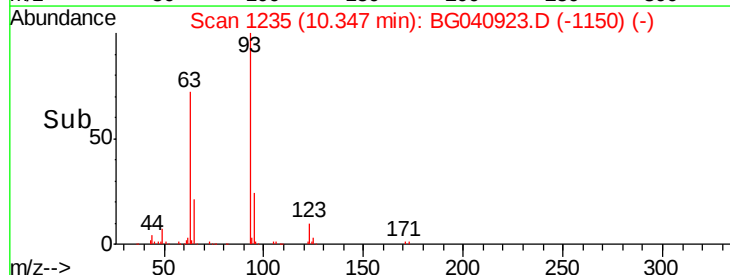
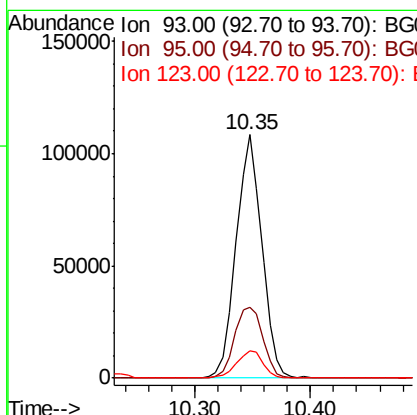
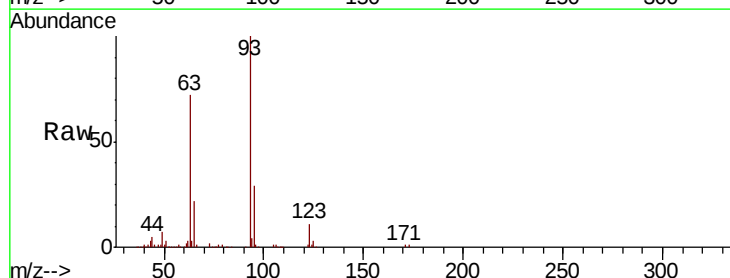
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-03

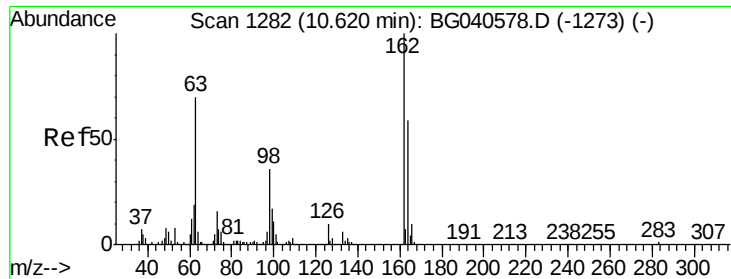
Tgt Ion	Ratio	Lower	Upper
122	100		
107	132.3	110.1	165.1
121	59.6	49.4	74.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 12.684 ng
 RT: 10.35 min Scan# 1235
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.1	26.6	40.0
123	11.2	9.0	13.4

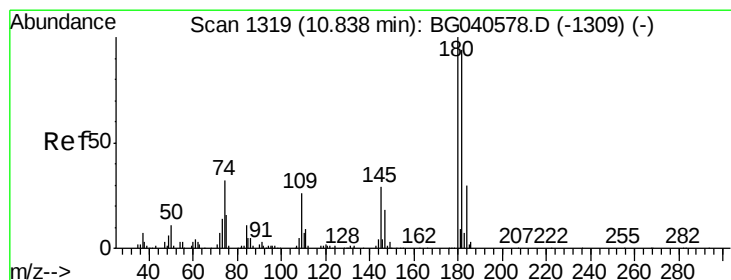
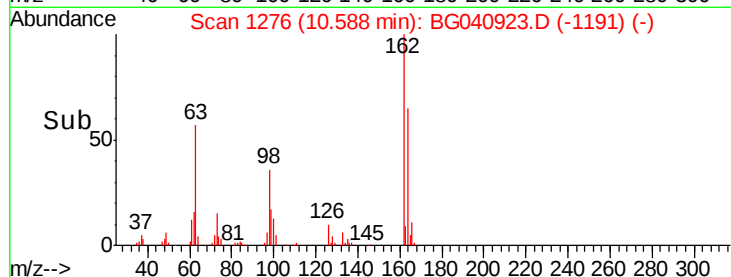
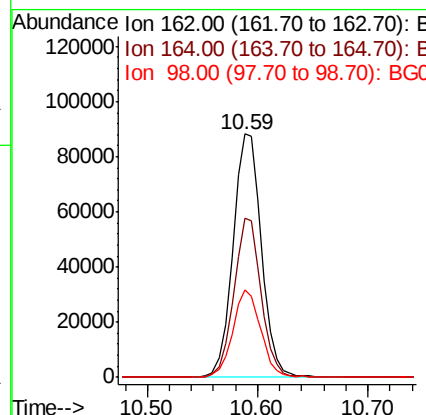
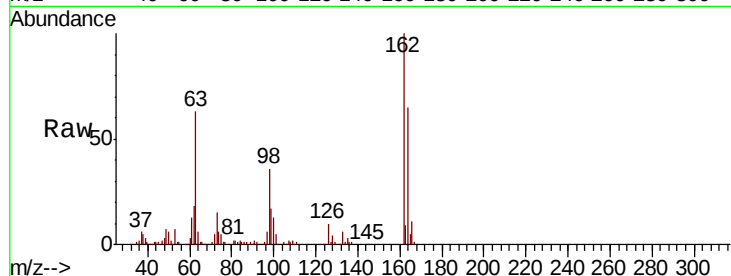




#29
 2,4-Dichlorophenol
 Concen: 16.468 ng
 RT: 10.59 min Scan# 1276
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

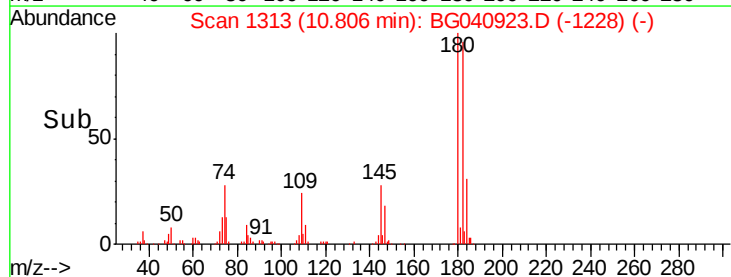
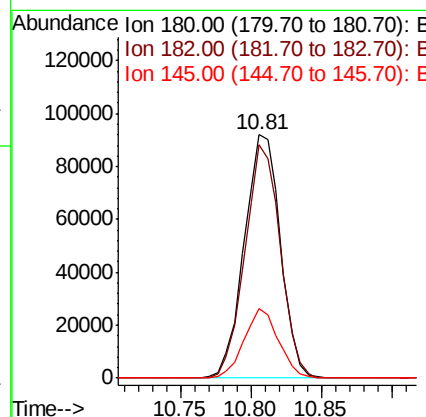
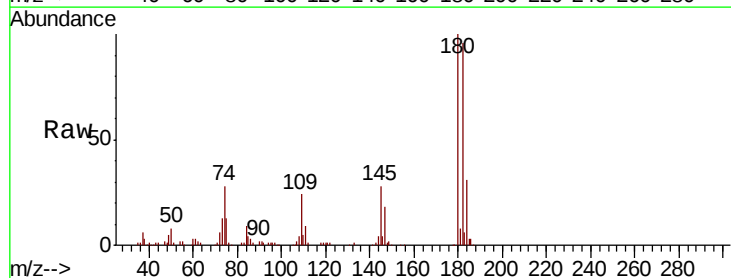
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-03

Tgt Ion:	162	Resp:	158866
Ion	Ratio	Lower	Upper
162	100		
164	65.4	38.9	78.9
98	36.0	16.8	56.8



#30
 1,2,4-Trichlorobenzene
 Concen: 15.436 ng
 RT: 10.81 min Scan# 1313
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Tgt Ion:	180	Resp:	165138
Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.2	112.8
145	28.4	23.6	35.4

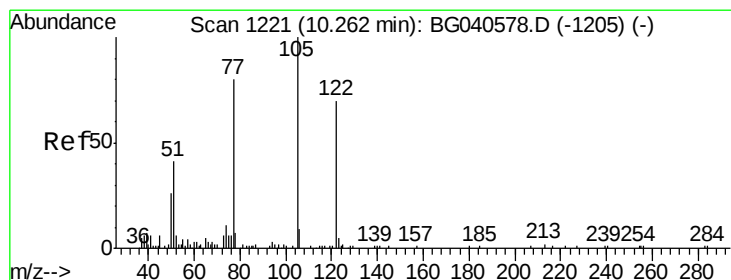
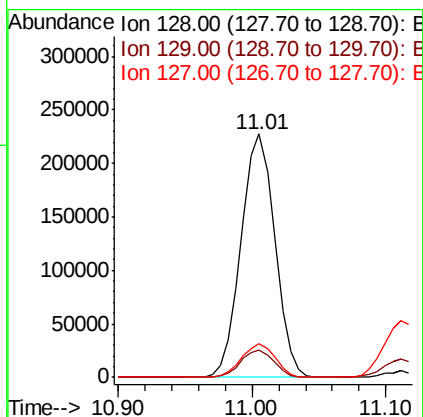
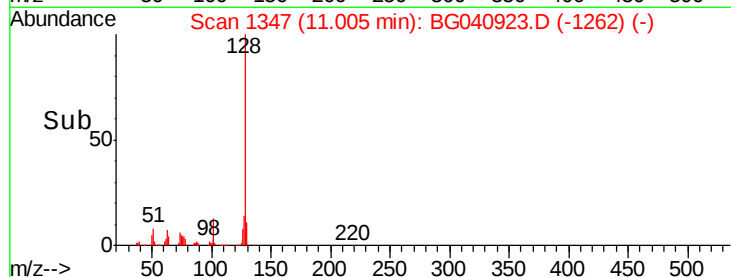
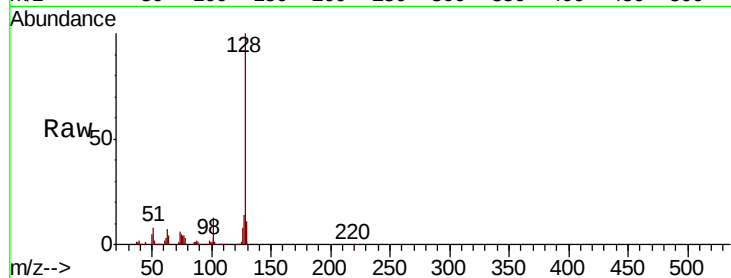




#31
Naphthalene
Concen: 13.717 ng
RT: 11.01 min Scan# 1347
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

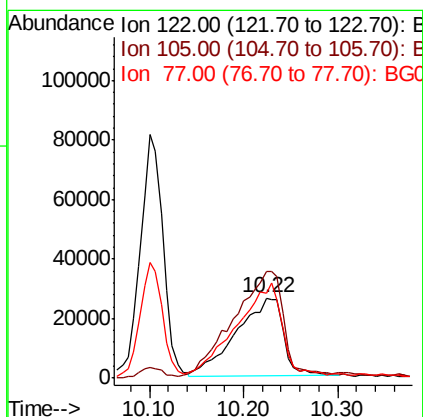
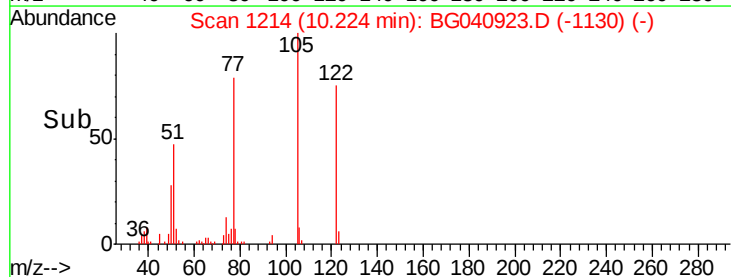
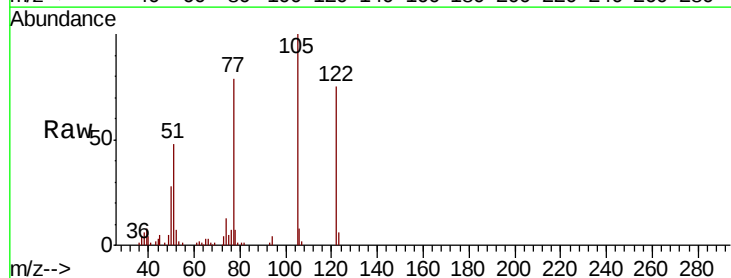
Instrument :
BNA_G
ClientSampleId :
IDOC-03

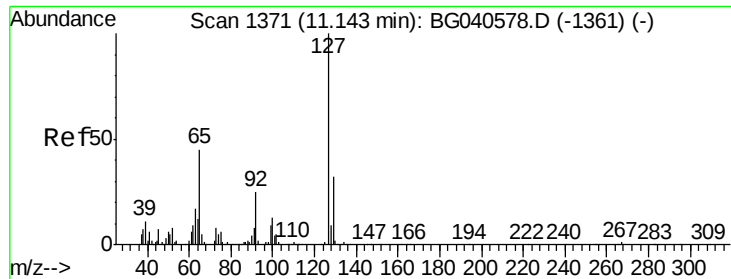
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	14.1	11.3	16.9



#32
Benzoic acid
Concen: 15.736 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.04 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.7	110.9	150.9
77	106.0	87.6	127.6

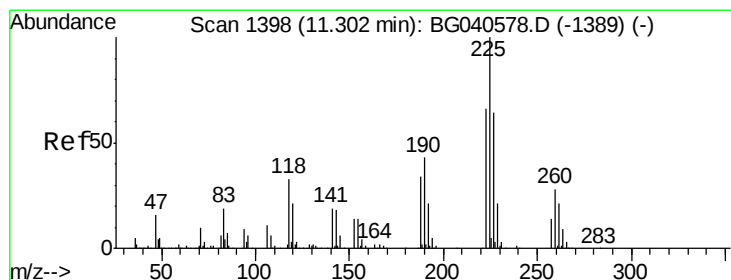
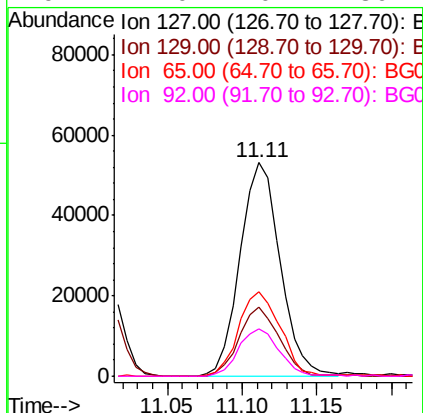
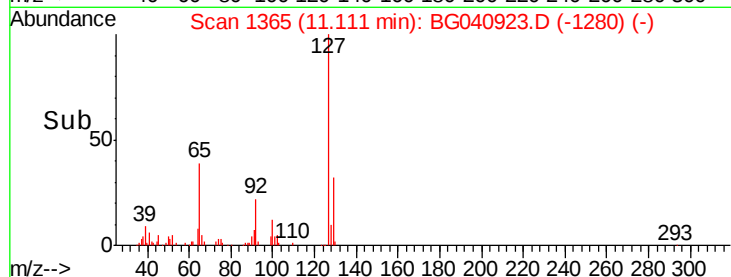
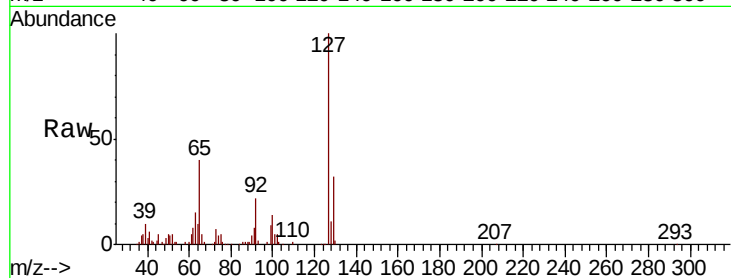




#33
4-Chloroaniline
Concen: 7.707 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

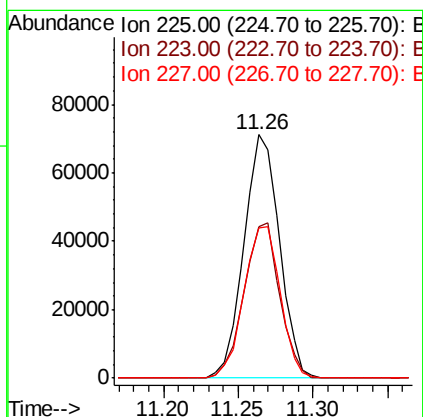
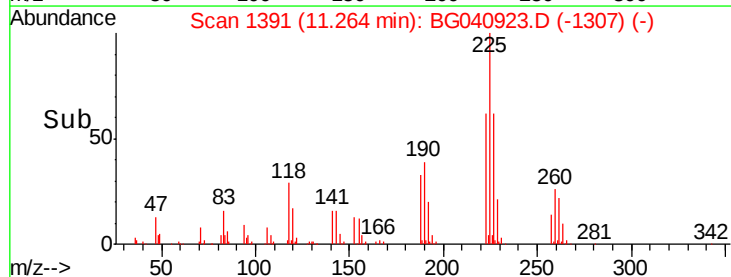
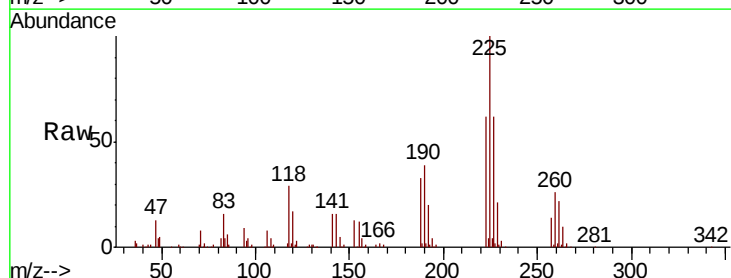
Instrument :
BNA_G
ClientSampleId :
IDOC-03

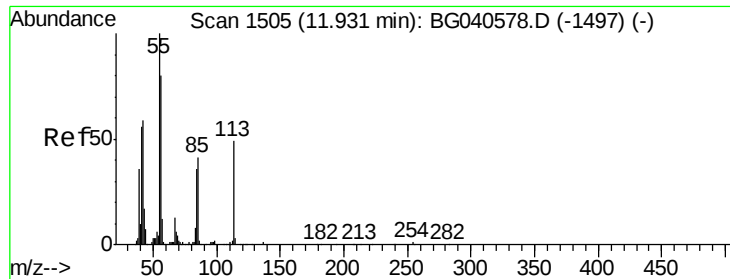
Tgt Ion:	127	Resp:	99189
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.7	38.5
65	39.6	36.1	54.1
92	22.0	20.1	30.1



#34
Hexachlorobutadiene
Concen: 14.827 ng
RT: 11.26 min Scan# 1391
Delta R.T. -0.04 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Tgt Ion:	225	Resp:	117106
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.4	75.6
227	64.2	51.0	76.6





#35

Caprolactam

Concen: 13.239 ng

RT: 11.90 min Scan# 1499

Delta R.T. -0.03 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

Instrument :

BNA_G

ClientSampleId :

IDOC-03

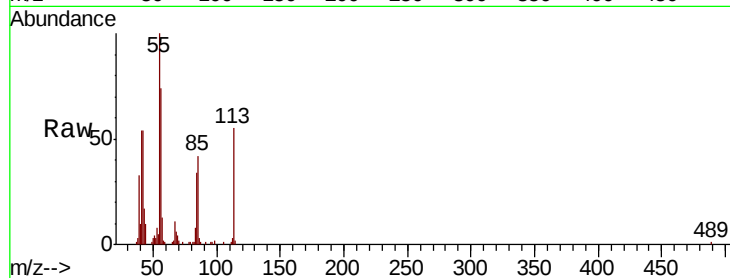
Tgt Ion:113 Resp: 50424

Ion Ratio Lower Upper

113 100

55 180.7 198.6 238.6#

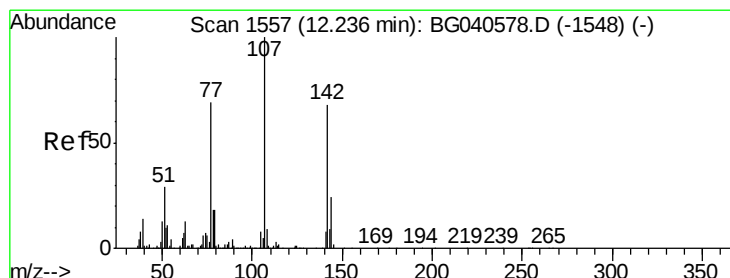
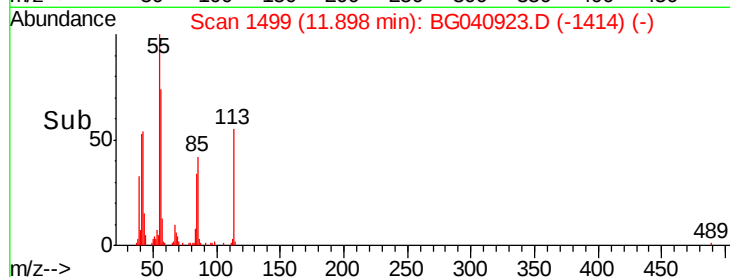
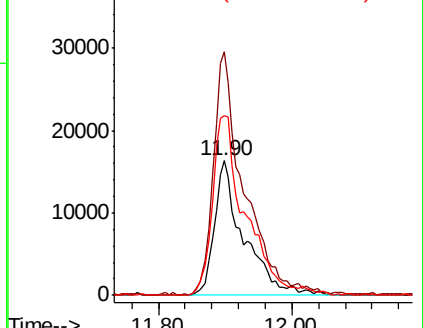
56 133.3 148.4 188.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 14.360 ng

RT: 12.22 min Scan# 1553

Delta R.T. -0.02 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

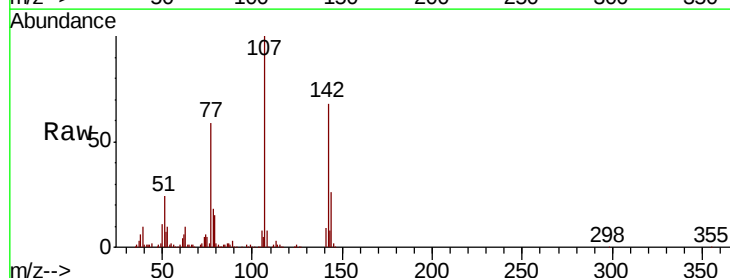
Tgt Ion:107 Resp: 174762

Ion Ratio Lower Upper

107 100

144 25.9 19.3 28.9

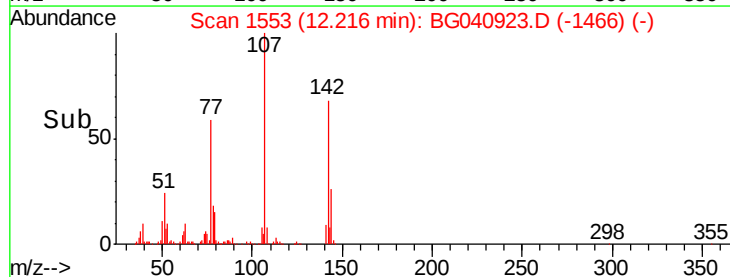
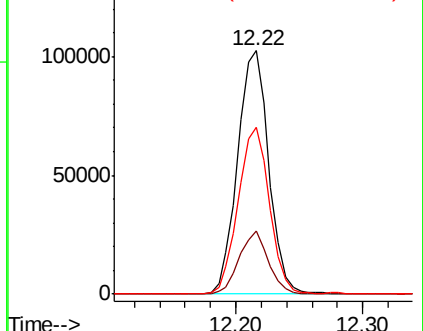
142 68.3 54.6 81.8

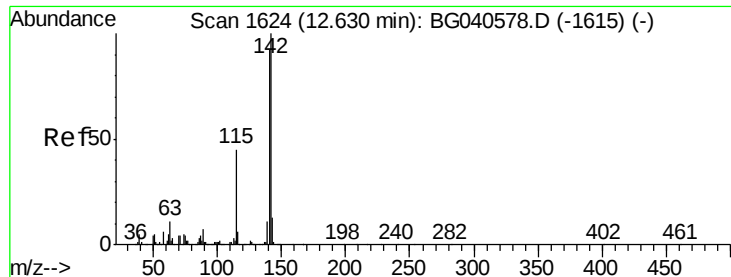


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

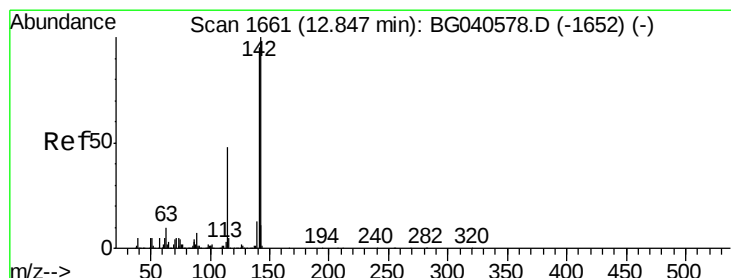
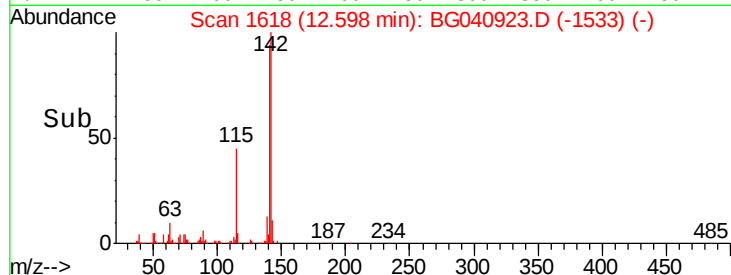
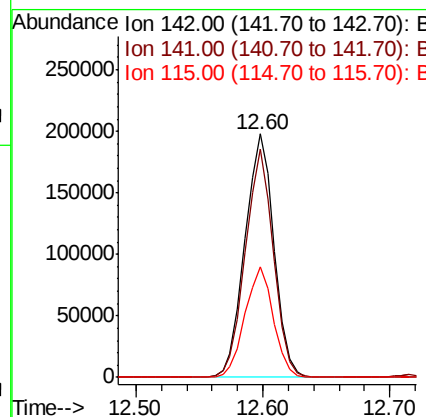
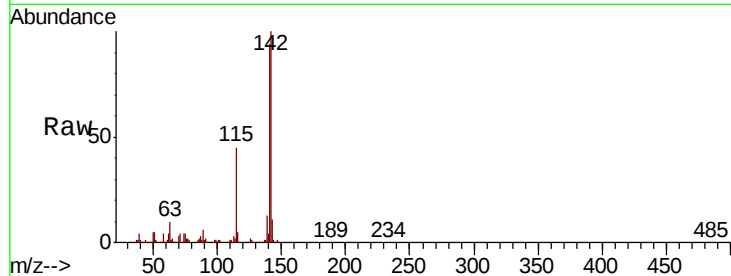




#37
 2-Methylnaphthalene
 Concen: 14.440 ng
 RT: 12.60 min Scan# 1618
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

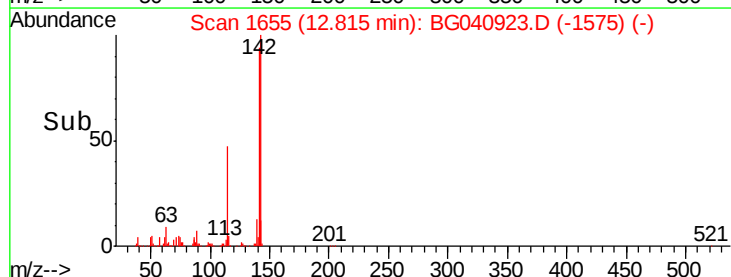
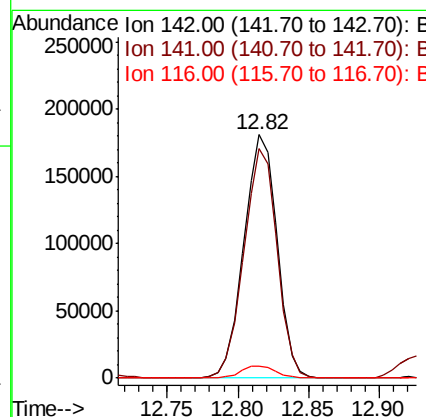
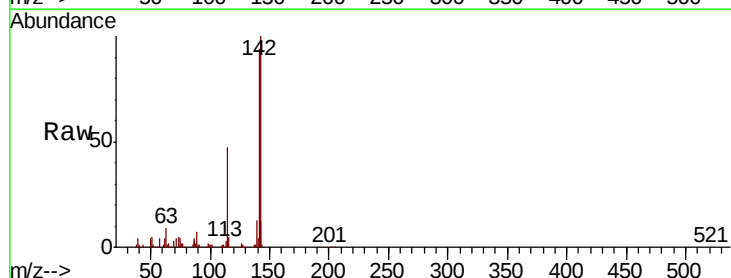
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-03

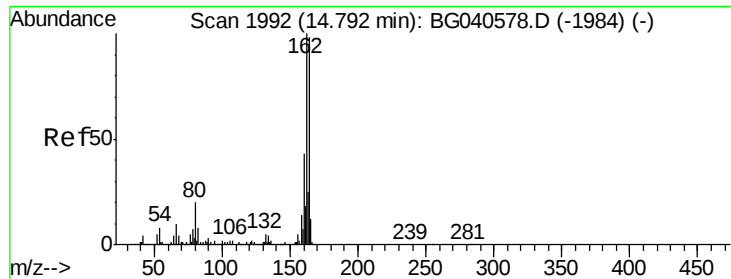
Tgt Ion:142 Resp: 313416
 Ion Ratio Lower Upper
 142 100
 141 93.7 73.4 110.2
 115 45.3 36.2 54.4



#38
 1-Methylnaphthalene
 Concen: 14.039 ng
 RT: 12.82 min Scan# 1655
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Tgt Ion:142 Resp: 297832
 Ion Ratio Lower Upper
 142 100
 141 94.5 75.9 113.9
 116 4.9 4.2 6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.03 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

Instrument :

BNA_G

ClientSampleId :

IDOC-03

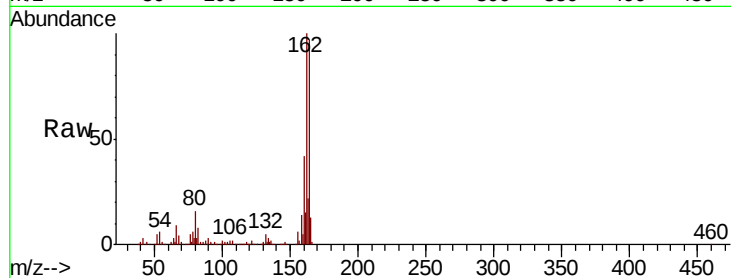
Tgt Ion:164 Resp: 411591

Ion Ratio Lower Upper

164 100

162 102.7 81.9 122.9

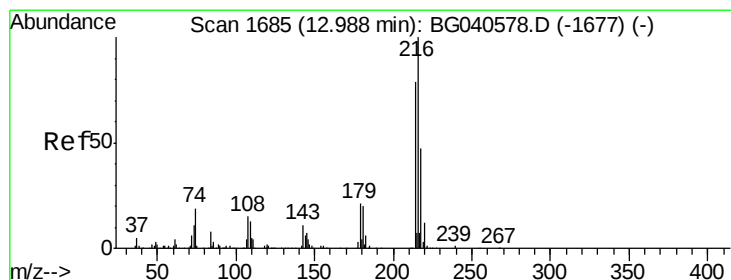
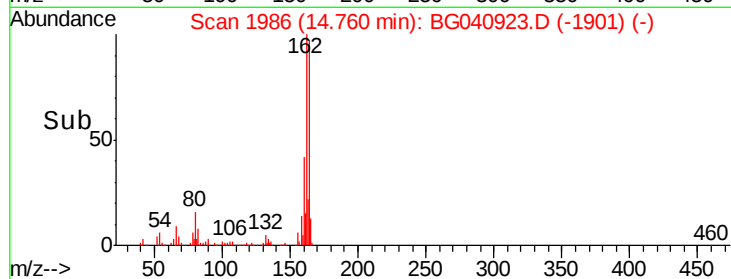
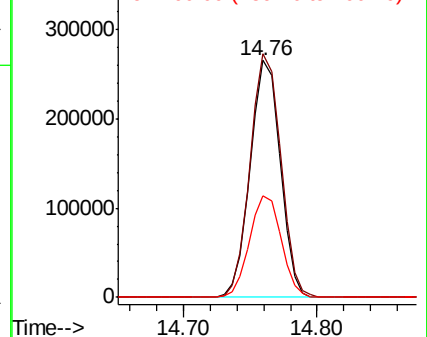
160 42.8 35.4 53.2



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: 14.846 ng

RT: 12.96 min Scan# 1679

Delta R.T. -0.03 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

Tgt Ion:216 Resp: 227636

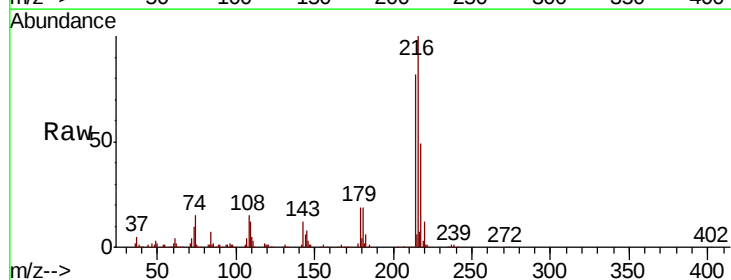
Ion Ratio Lower Upper

216 100

214 78.9 63.7 95.5

179 18.7 16.6 24.8

108 16.5 14.7 22.1

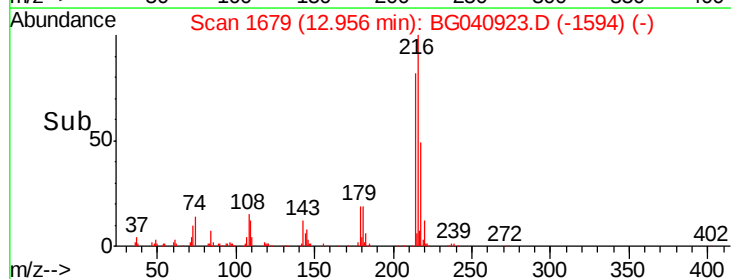
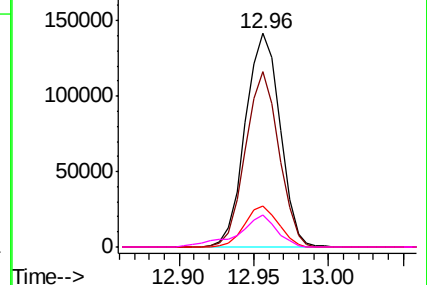


Abundance Ion 216.00 (215.70 to 216.70): E

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: 29.254 ng

RT: 12.93 min Scan# 1674

Delta R.T. -0.03 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

Instrument :

BNA_G

ClientSampleId :

IDOC-03

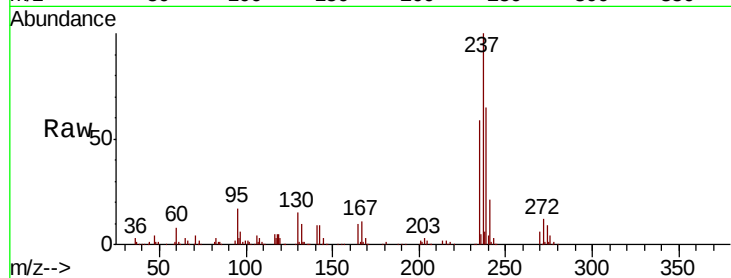
Tgt Ion: 237 Resp: 264677

Ion Ratio Lower Upper

237 100

235 59.5 42.5 82.5

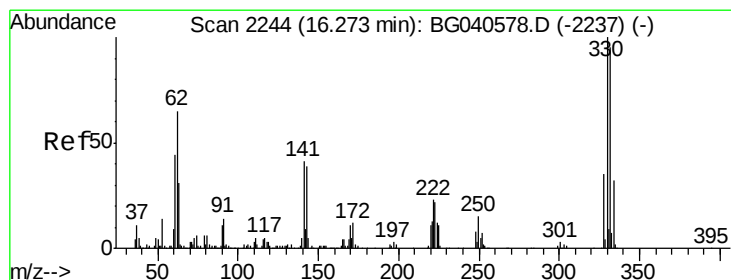
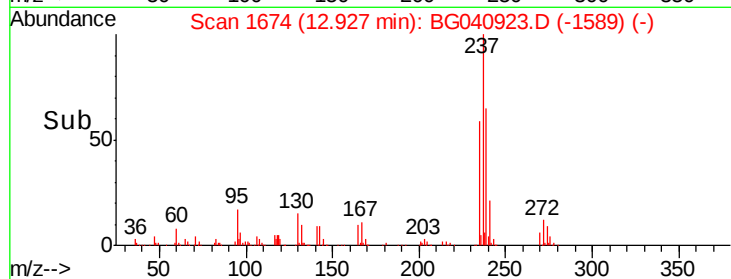
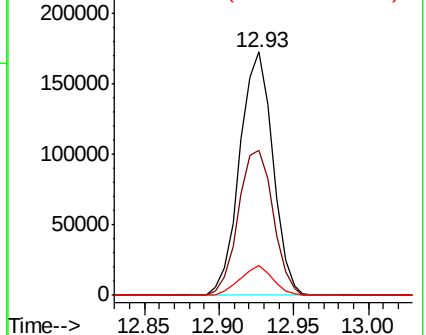
272 12.5 0.0 31.6



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: 130.815 ng

RT: 16.25 min Scan# 2240

Delta R.T. -0.02 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

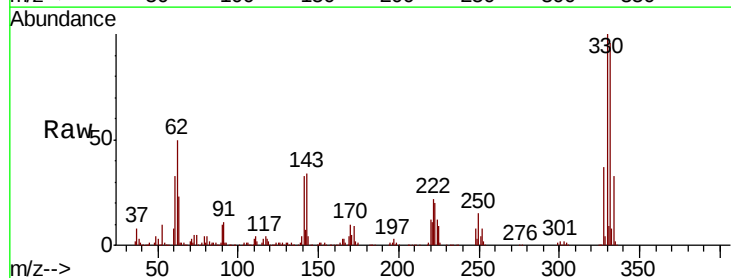
Tgt Ion: 330 Resp: 740077

Ion Ratio Lower Upper

330 100

332 96.4 75.9 113.9

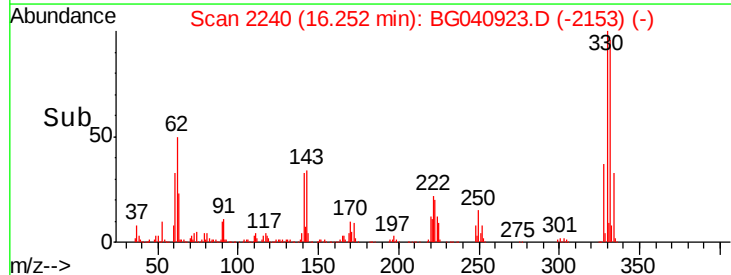
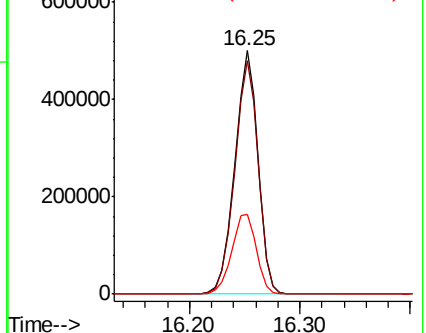
141 34.8 32.4 48.6

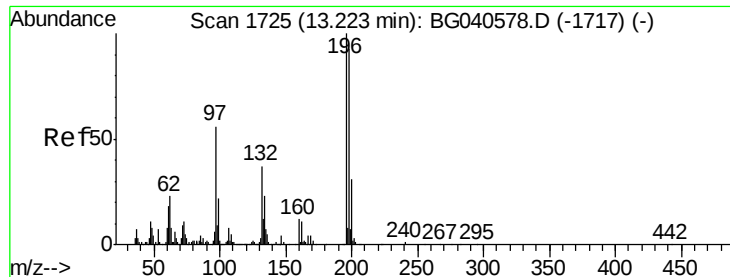


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

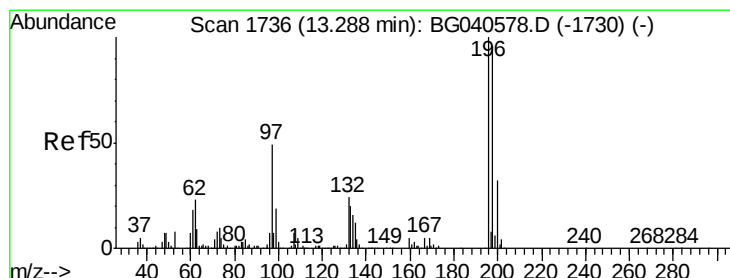
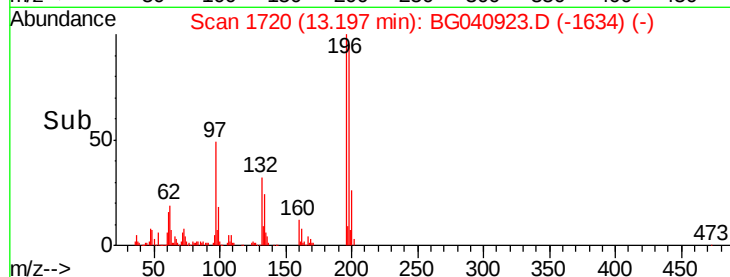
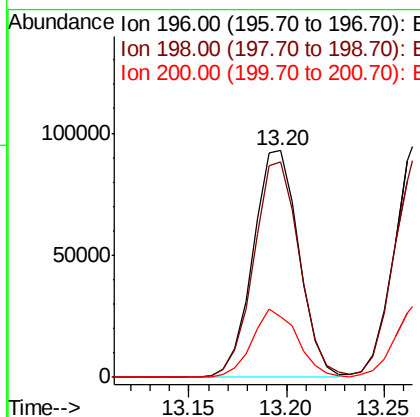
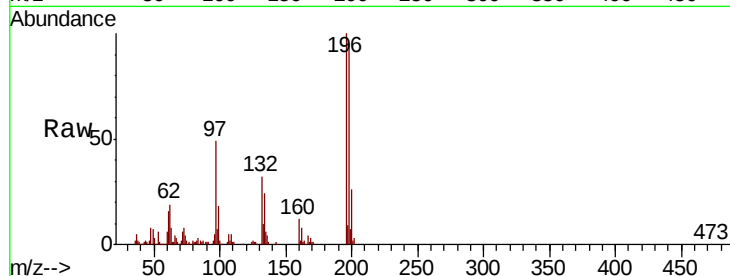




#43
 2,4,6-Trichlorophenol
 Concen: 16.270 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

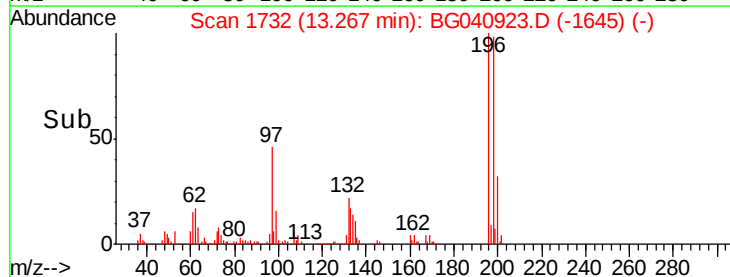
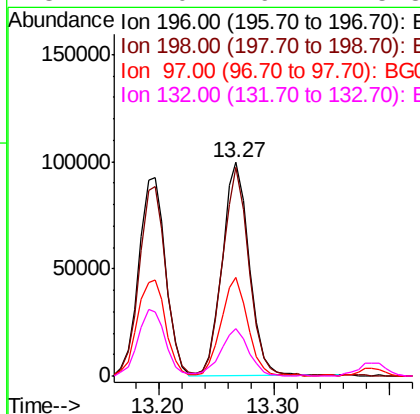
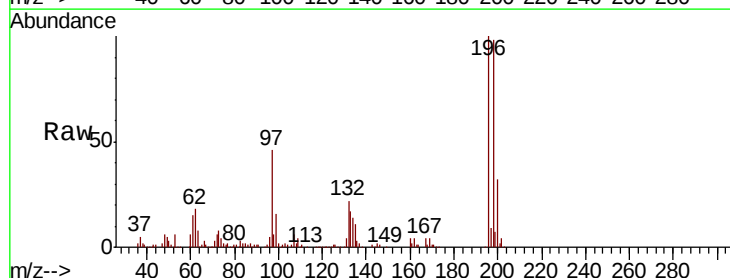
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-03

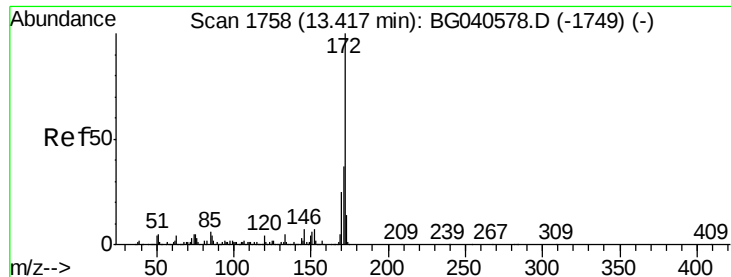
Tgt Ion:196 Resp: 150755
 Ion Ratio Lower Upper
 196 100
 198 95.2 74.8 112.2
 200 26.4 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 15.936 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Tgt Ion:196 Resp: 160855
 Ion Ratio Lower Upper
 196 100
 198 97.6 77.0 115.6
 97 46.2 40.0 60.0
 132 22.0 19.2 28.8

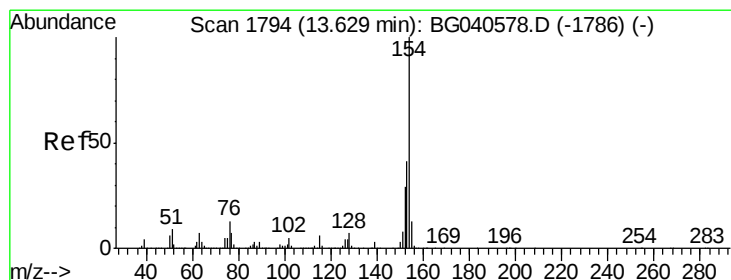
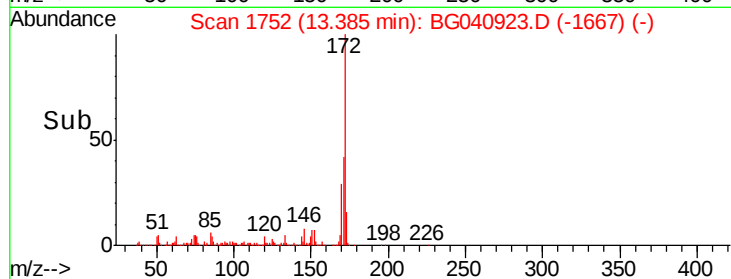
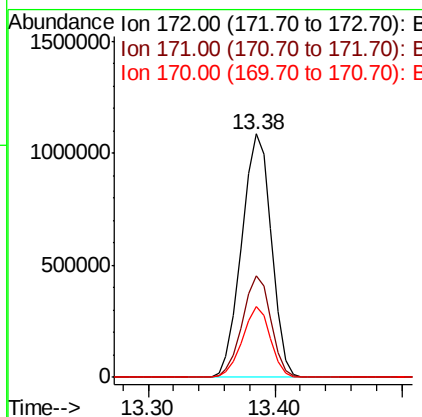
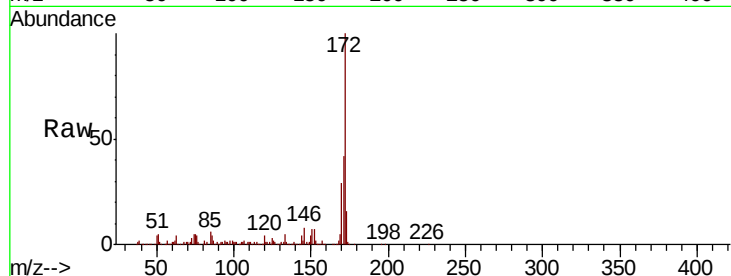




#45
 2-Fluorobiphenyl
 Concen: 61.976 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

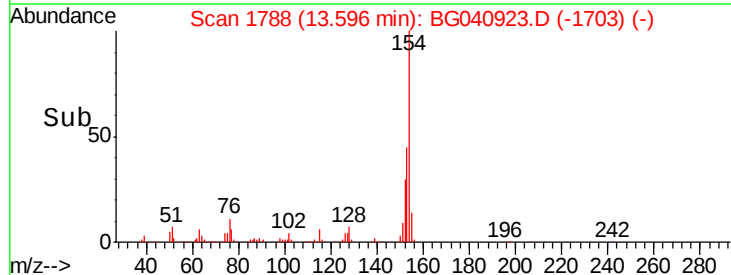
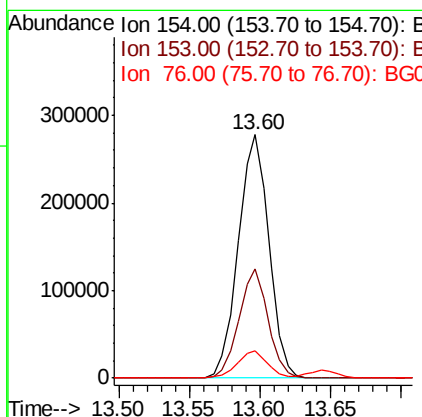
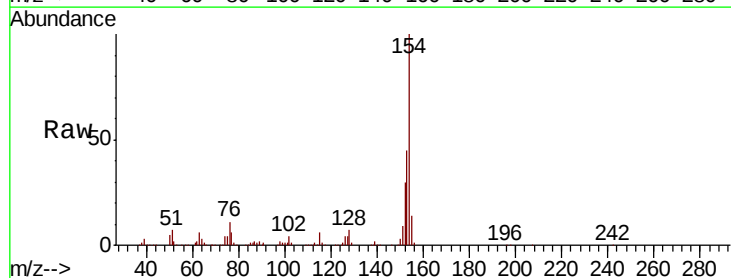
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-03

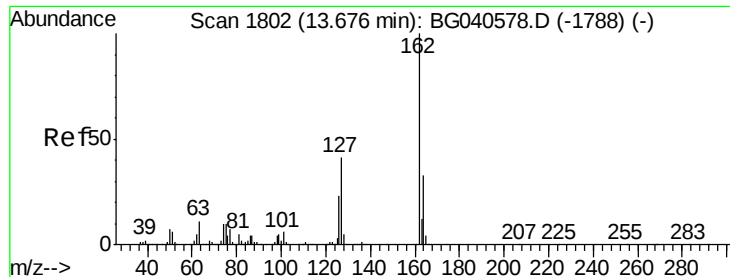
Tgt Ion:172 Resp: 1766283
 Ion Ratio Lower Upper
 172 100
 171 41.8 29.4 44.2
 170 28.8 19.9 29.9



#46
 1,1'-Biphenyl
 Concen: 13.154 ng
 RT: 13.60 min Scan# 1788
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Tgt Ion:154 Resp: 420341
 Ion Ratio Lower Upper
 154 100
 153 44.7 20.5 60.5
 76 11.4 0.0 32.5

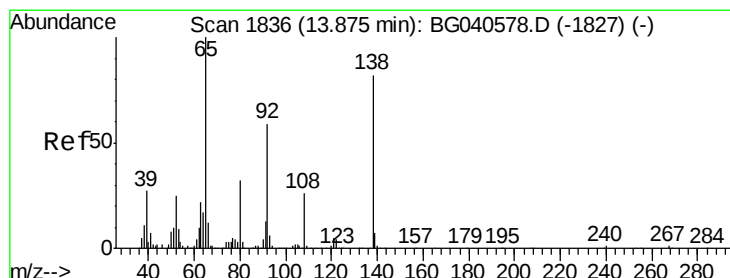
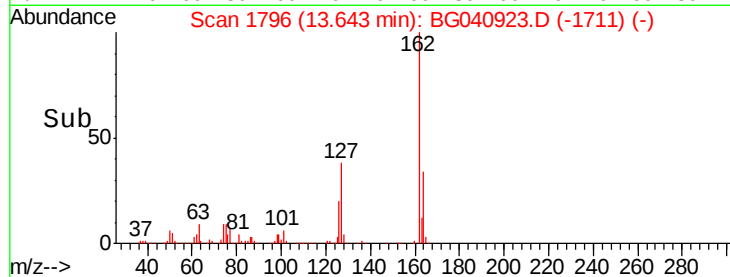
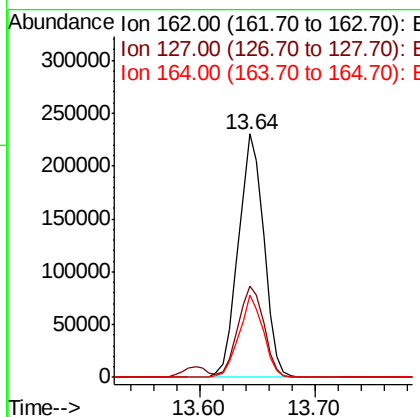
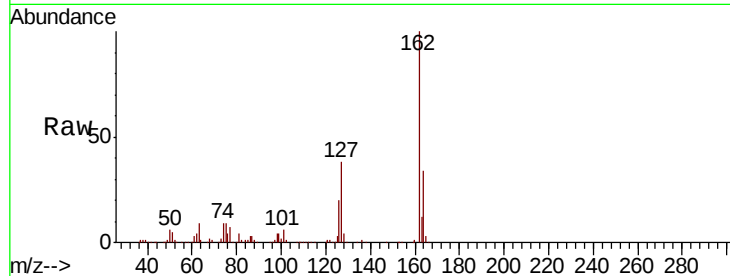




#47
 2-Chloronaphthalene
 Concen: 14.059 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

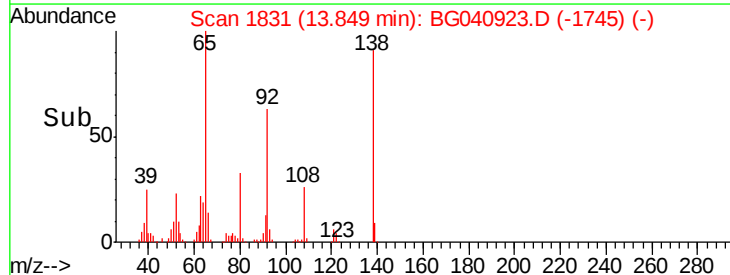
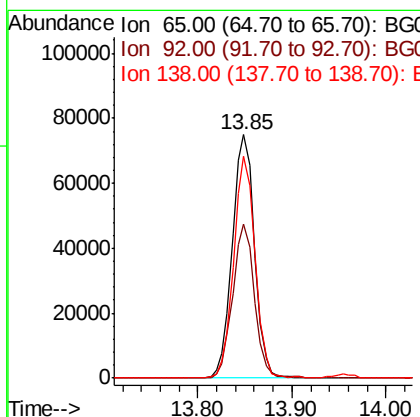
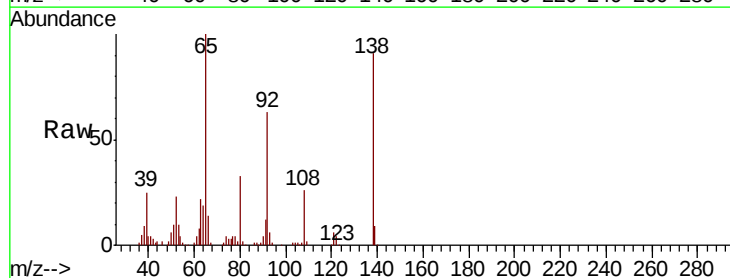
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-03

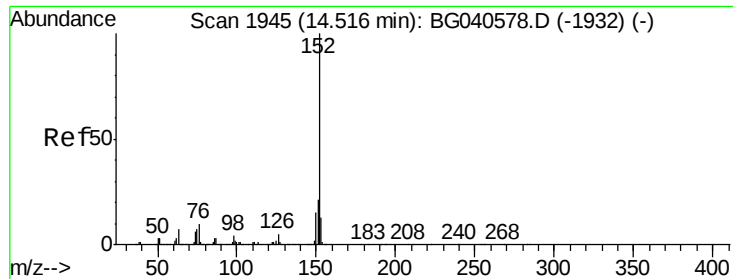
Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.7	33.0	49.4
164	33.7	26.8	40.2



#48
 2-Nitroaniline
 Concen: 13.764 ng
 RT: 13.85 min Scan# 1831
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.3	47.4	71.0
138	91.1	66.1	99.1





#49

Acenaphthylene

Concen: 12.881 ng

RT: 14.49 min Scan# 1940

Delta R.T. -0.03 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

Instrument :

BNA_G

ClientSampleId :

IDOC-03

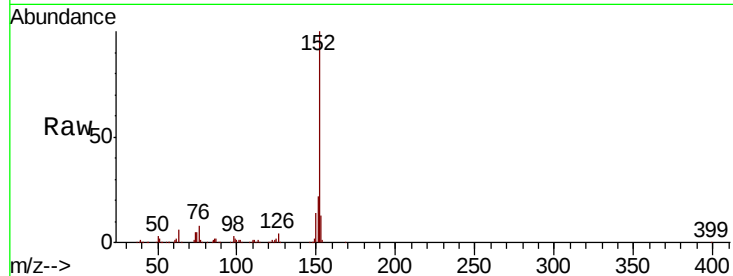
Tgt Ion:152 Resp: 546554

Ion Ratio Lower Upper

152 100

151 21.7 17.2 25.8

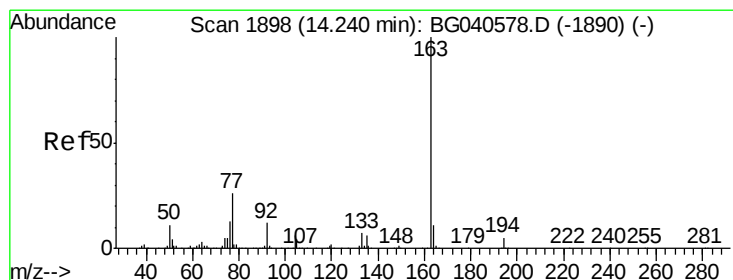
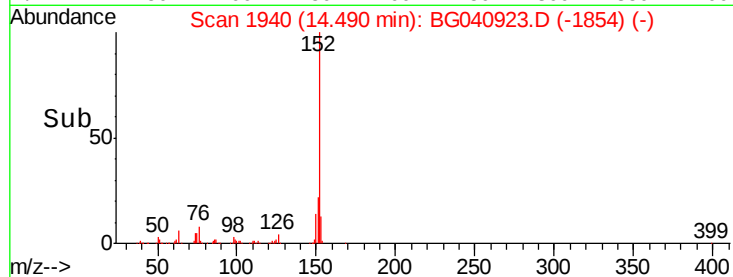
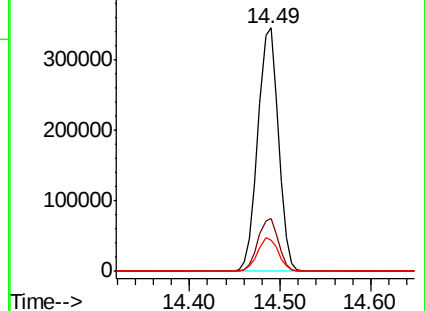
153 12.7 10.7 16.1



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: 13.359 ng

RT: 14.21 min Scan# 1892

Delta R.T. -0.03 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

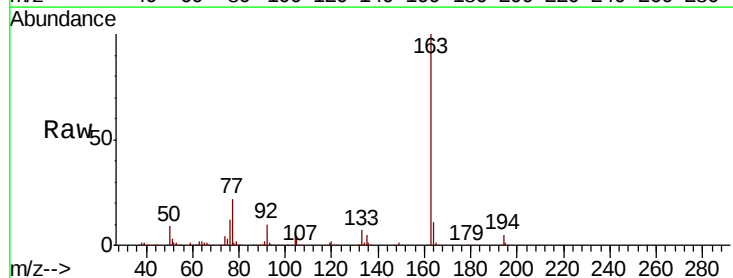
Tgt Ion:163 Resp: 460058

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.8

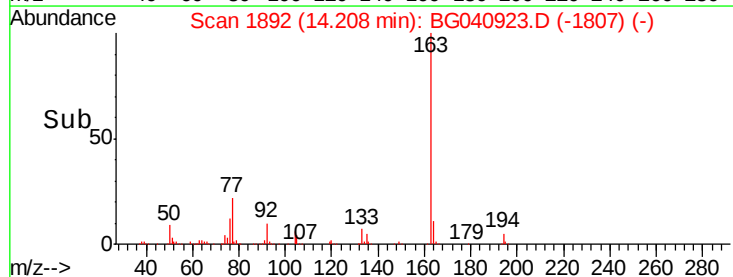
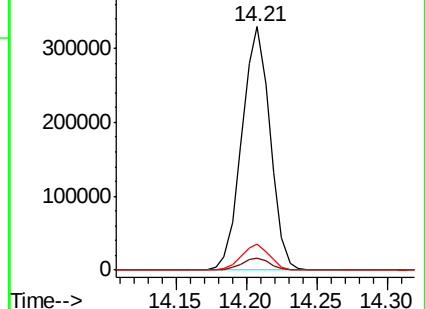
164 10.5 8.8 13.2



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

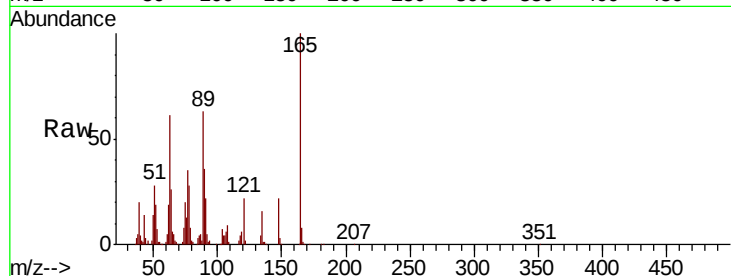




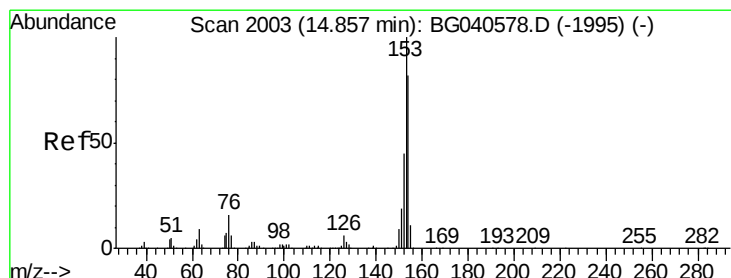
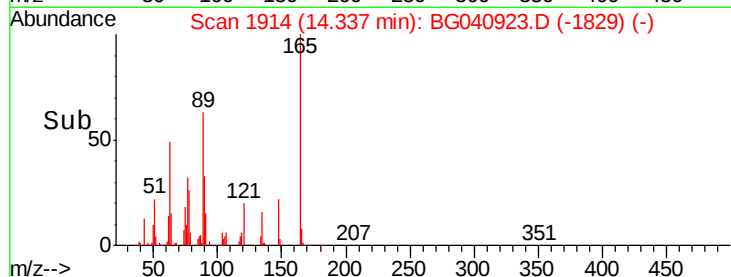
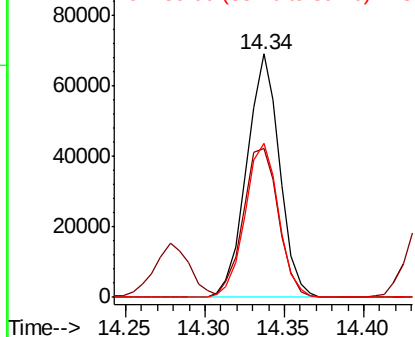
#51
2,6-Dinitrotoluene
Concen: 14.819 ng
RT: 14.34 min Scan# 1914
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Instrument :
BNA_G
ClientSampleId :
IDOC-03

Tgt Ion:165 Resp: 99599
Ion Ratio Lower Upper
165 100
63 61.4 61.0 91.4
89 63.3 58.6 87.8

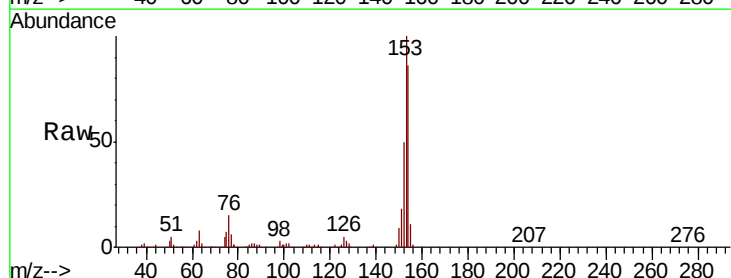


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

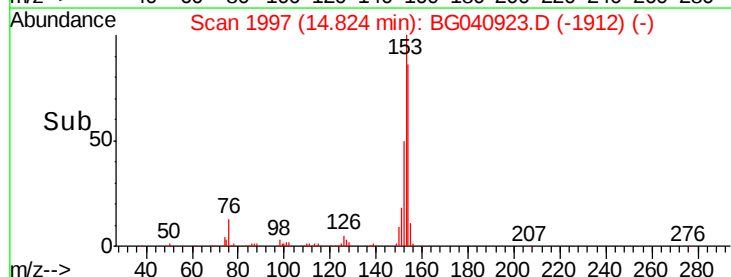
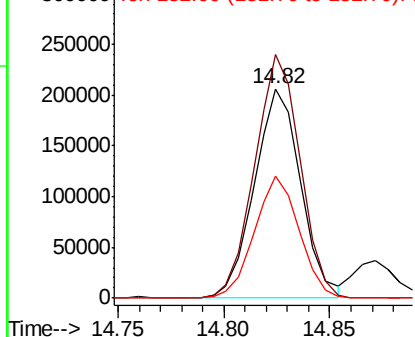


#52
Acenaphthene
Concen: 12.761 ng
RT: 14.82 min Scan# 1997
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Tgt Ion:154 Resp: 315317
Ion Ratio Lower Upper
154 100
153 116.3 97.0 145.6
152 58.1 44.1 66.1



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

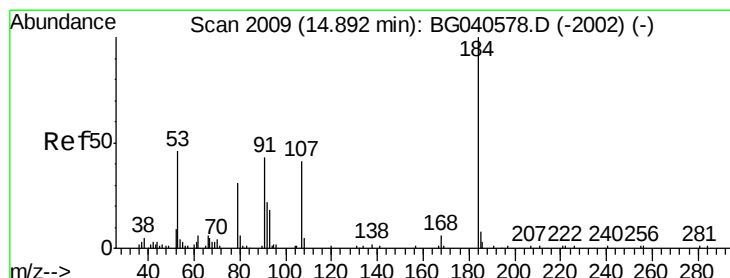
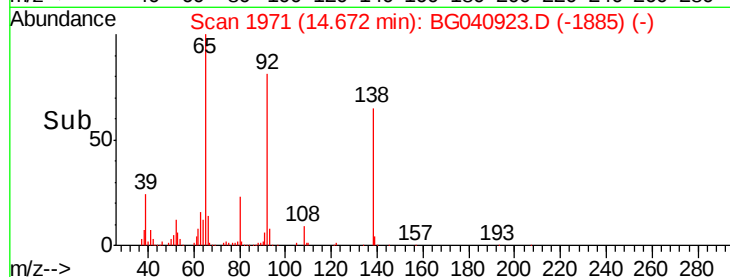
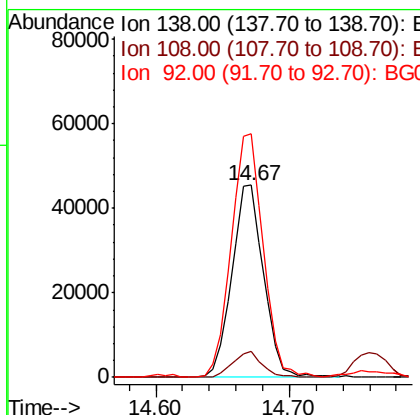
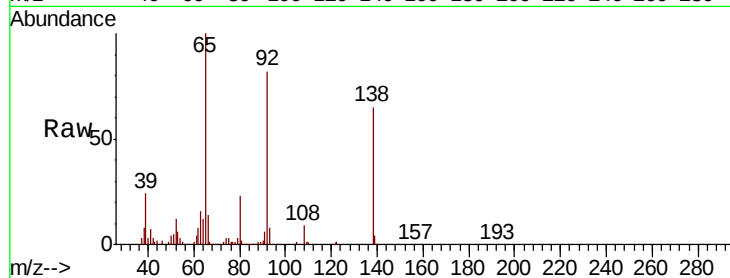




#53
3-Nitroaniline
Concen: 10.930 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

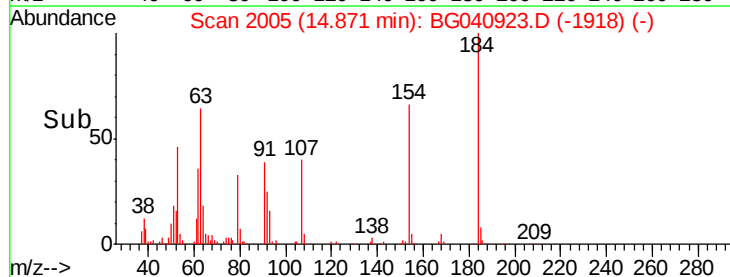
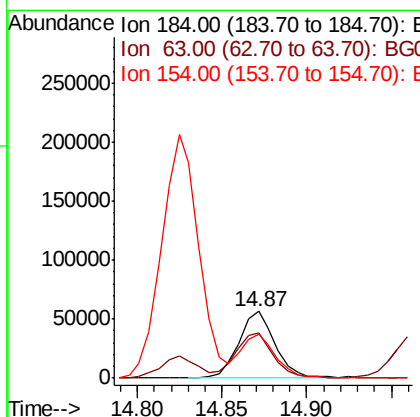
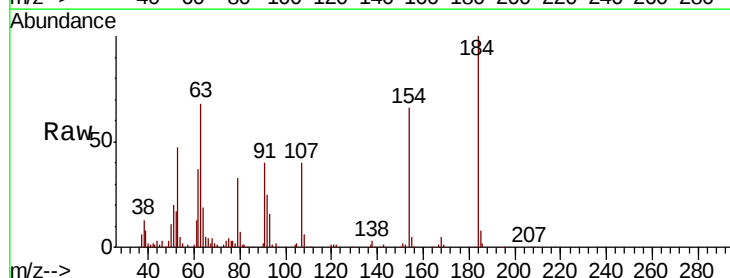
Instrument :
BNA_G
ClientSampleId :
IDOC-03

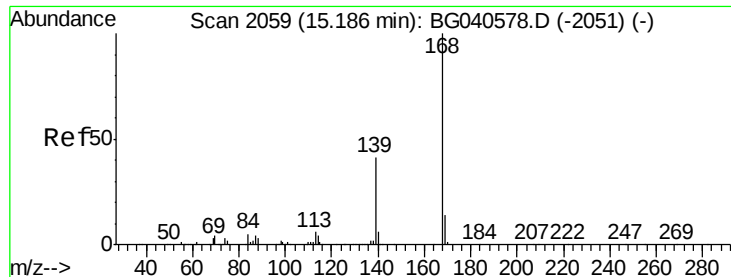
Tgt Ion:138 Resp: 75266
Ion Ratio Lower Upper
138 100
108 13.4 12.4 18.6
92 126.9 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 27.322 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Tgt Ion:184 Resp: 84375
Ion Ratio Lower Upper
184 100
63 67.5 51.8 77.6
154 65.6 43.6 65.4#

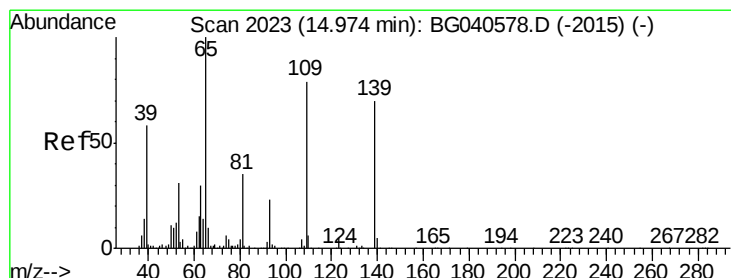
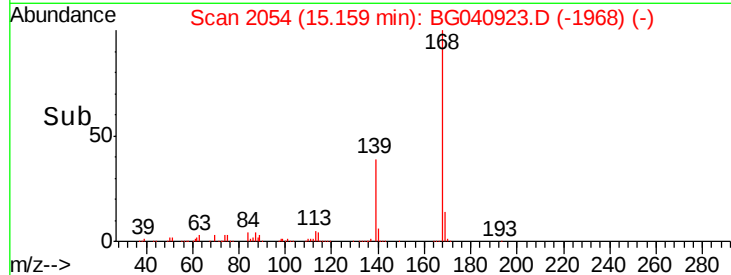
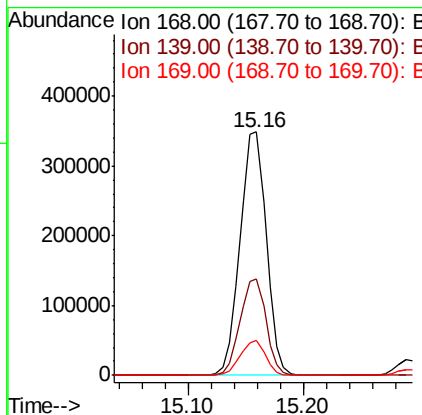
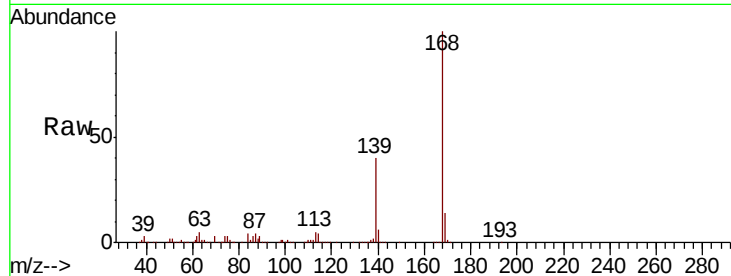




#55
Dibenzenofuran
Concen: 13.620 ng
RT: 15.16 min Scan# 2054
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

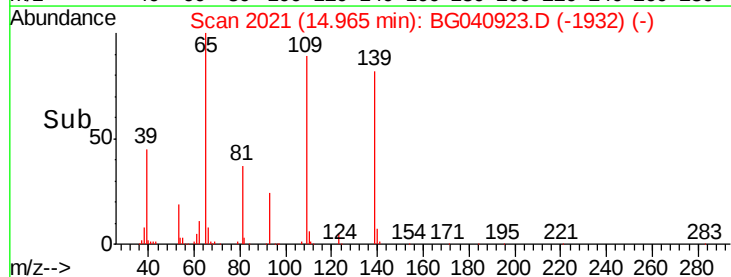
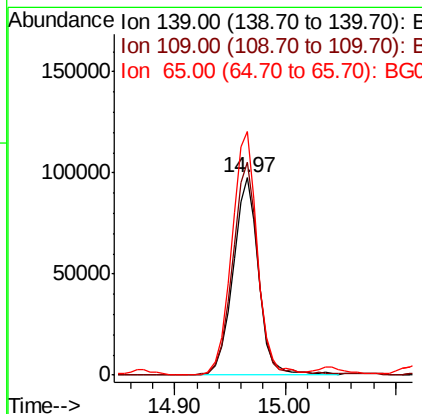
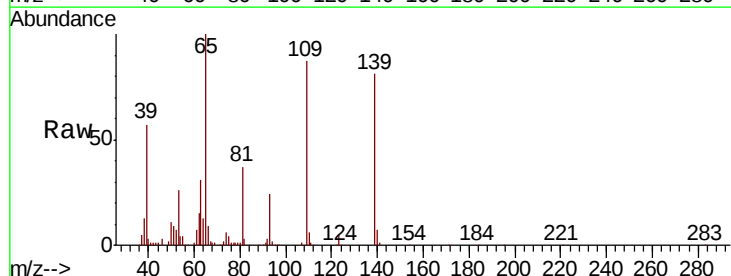
Instrument :
BNA_G
ClientSampleId :
IDOC-03

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.8	33.0	49.4
169	14.2	11.0	16.4



#56
4-Nitrophenol
Concen: 26.484 ng
RT: 14.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	108.0	93.8	133.8
65	123.5	122.7	162.7

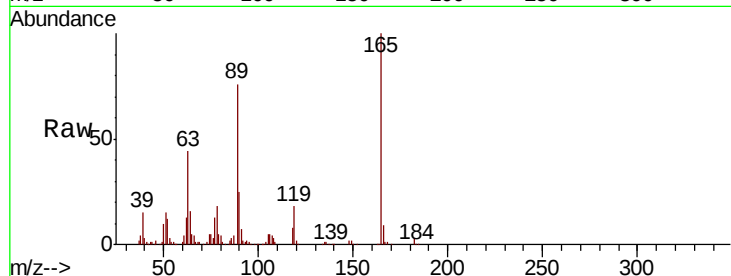




#57
 2,4-Dinitrotoluene
 Concen: 15.844 ng
 RT: 15.12 min Scan# 2047
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.2	45.8	68.8#
89	75.8	69.4	104.2
182	3.2	2.2	3.4



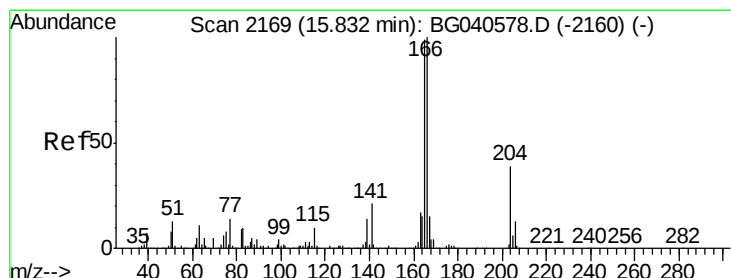
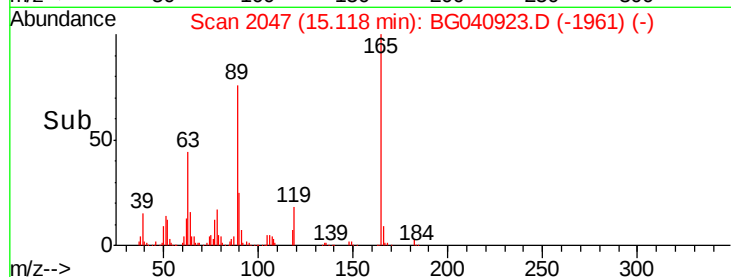
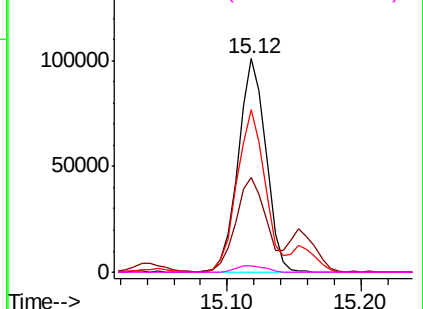
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

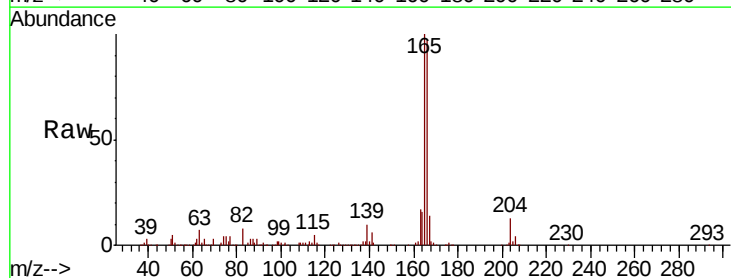
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 13.060 ng
 RT: 15.81 min Scan# 2164
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.7	79.6	119.4
167	14.0	12.2	18.2

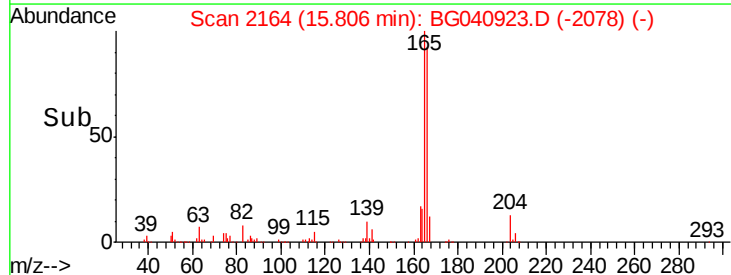
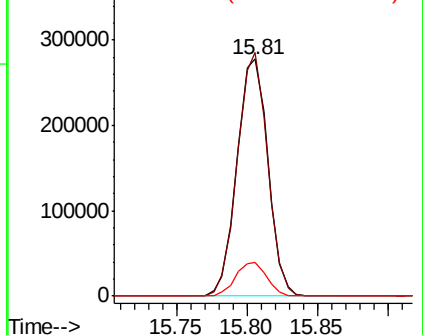


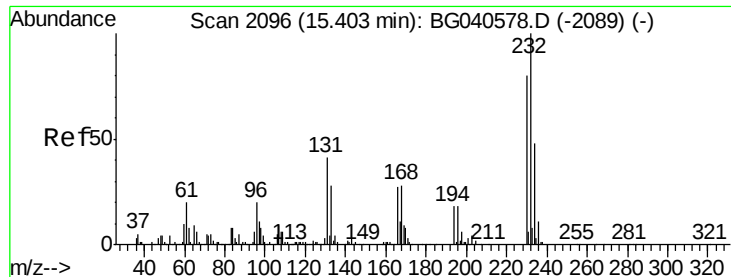
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

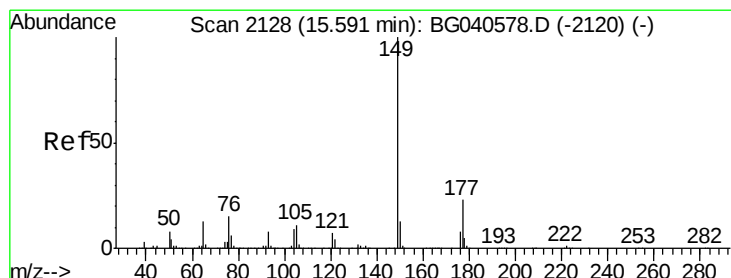
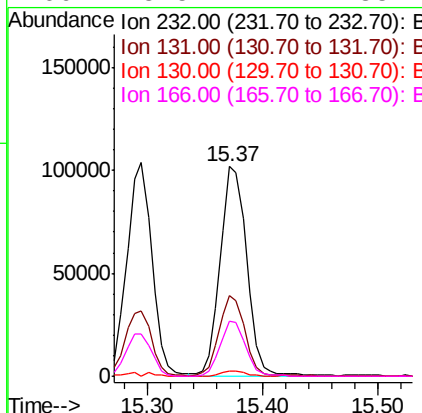
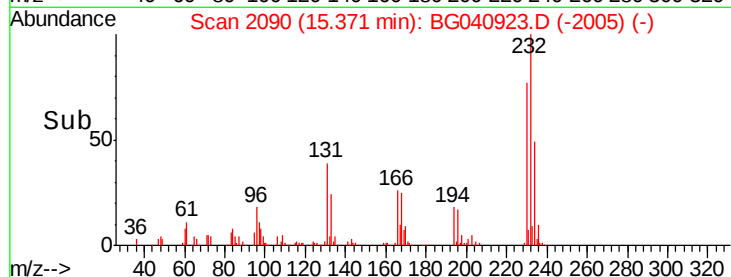
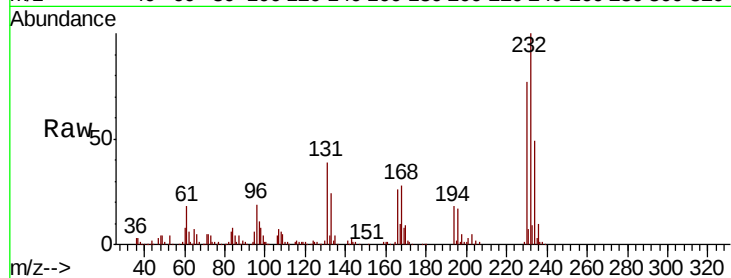




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 15.963 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

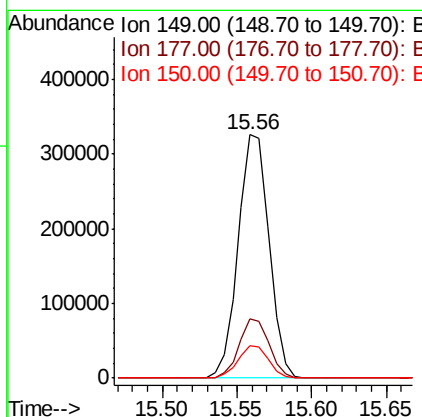
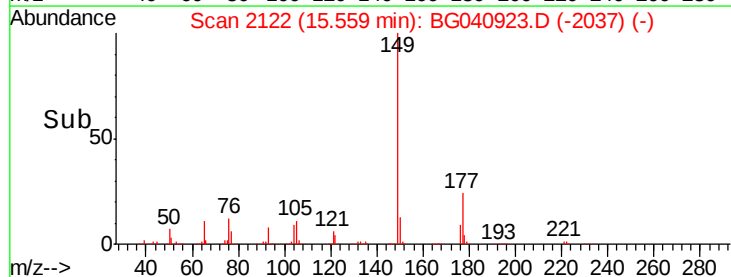
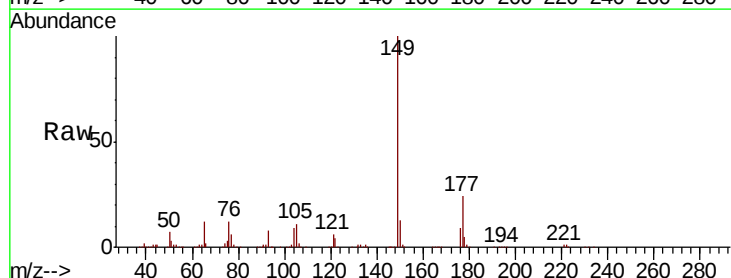
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-03

Tgt Ion:	232	Resp:	162171
Ion	Ratio	Lower	Upper
232	100		
131	37.8	33.0	49.4
130	2.4	2.0	3.0
166	25.5	22.1	33.1



#60
 Diethylphthalate
 Concen: 12.902 ng
 RT: 15.56 min Scan# 2122
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Tgt Ion:	149	Resp:	468766
Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.5	27.7
150	13.4	10.2	15.4

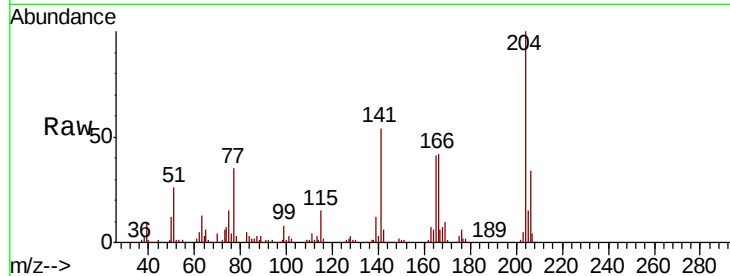




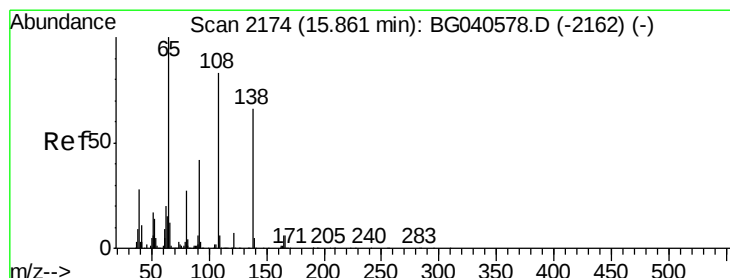
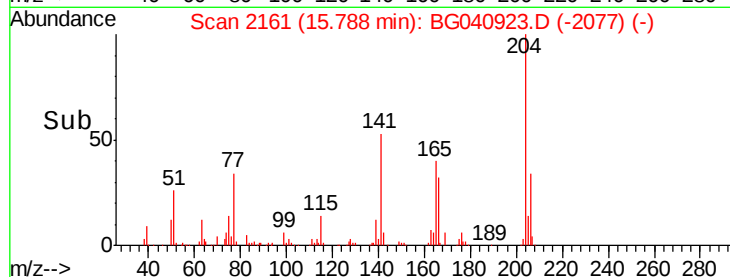
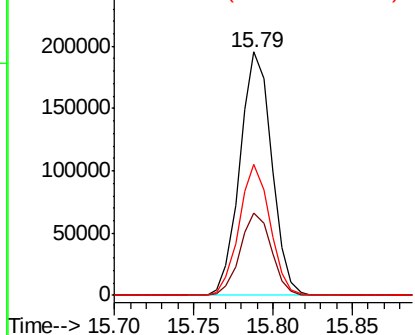
#61
 4-Chlorophenyl-phenylether
 Concen: 14.315 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.04 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Instrument :
 BNA_G
 ClientSampled :
 IDOC-03

Tgt Ion: 204 Resp: 272353
 Ion Ratio Lower Upper
 204 100
 206 33.6 27.4 41.2
 141 53.6 46.0 69.0

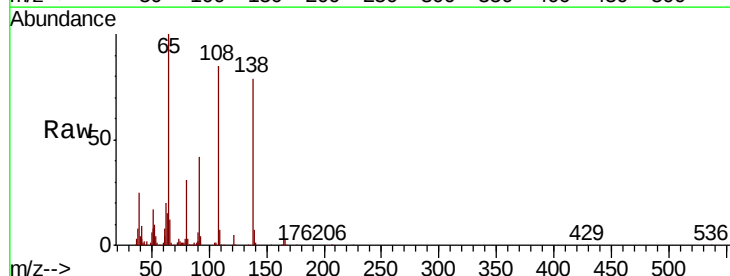


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

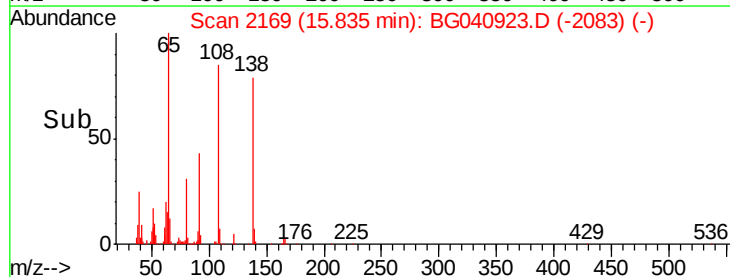
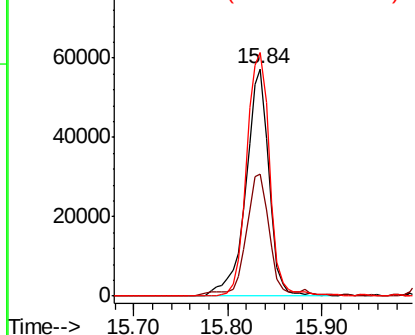


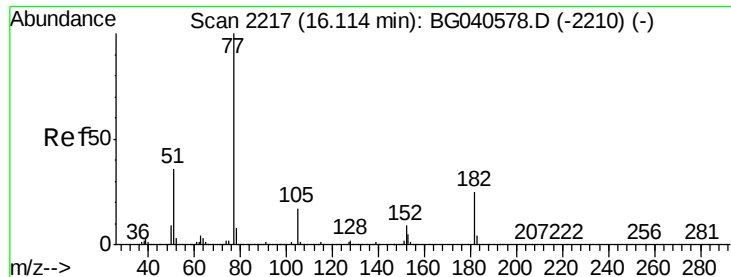
#62
 4-Nitroaniline
 Concen: 12.668 ng
 RT: 15.84 min Scan# 2169
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Tgt Ion: 138 Resp: 97586
 Ion Ratio Lower Upper
 138 100
 92 53.7 43.9 83.9
 108 107.2 106.5 146.5



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

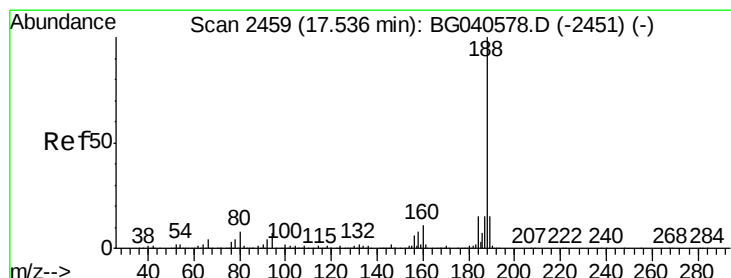
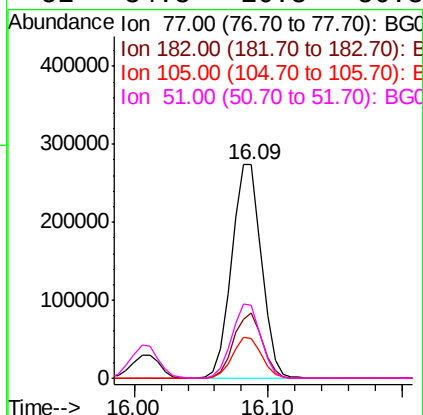
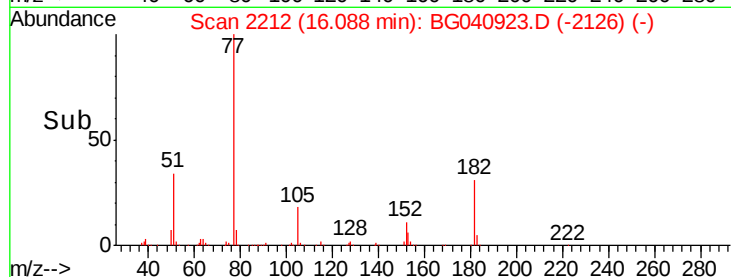
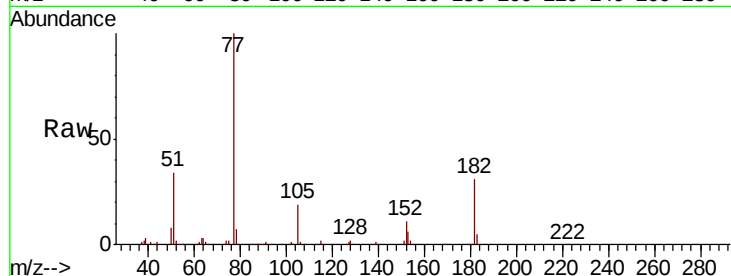




#63
Azobenzene
Concen: 11.367 ng
RT: 16.09 min Scan# 2212
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

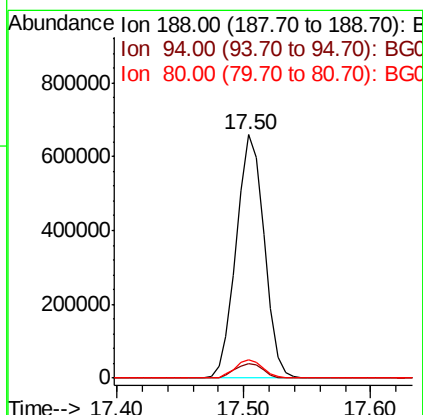
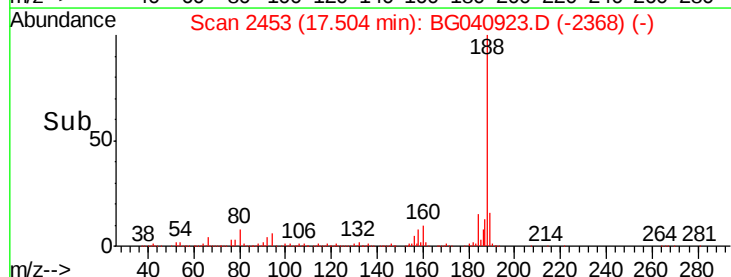
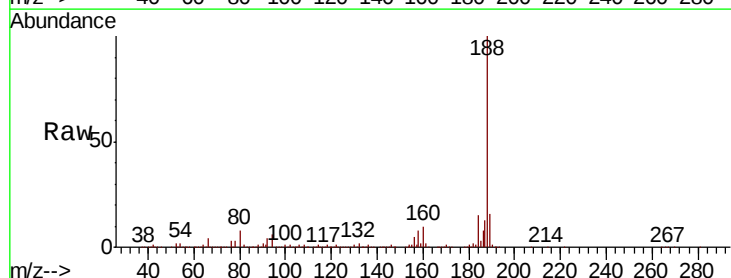
Instrument :
BNA_G
ClientSampleId :
IDOC-03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.6	5.0	45.0
105	18.6	0.0	37.6
51	34.3	16.3	56.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.6	8.4
80	7.7	6.4	9.6





#65

4,6-Dinitro-2-methylphenol

Concen: 19.439 ng

RT: 15.88 min Scan# 2176

Delta R.T. -0.03 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

Instrument :

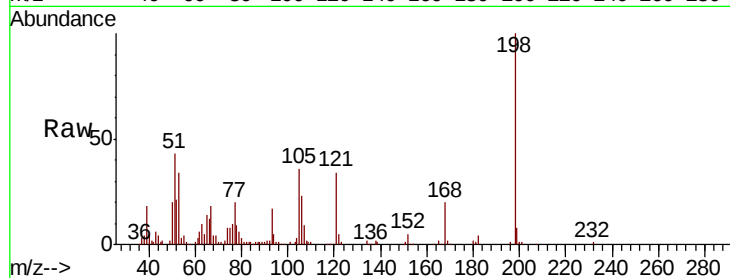
BNA_G

ClientSampleId :

IDOC-03

Tgt Ion:198 Resp: 71705

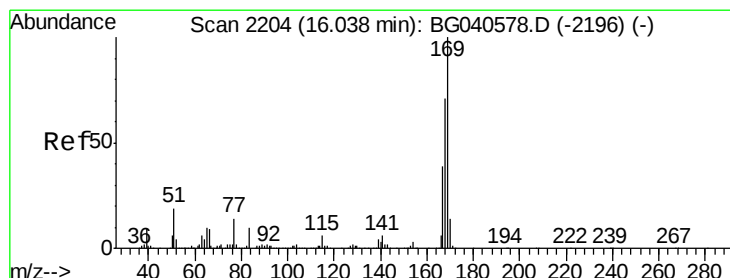
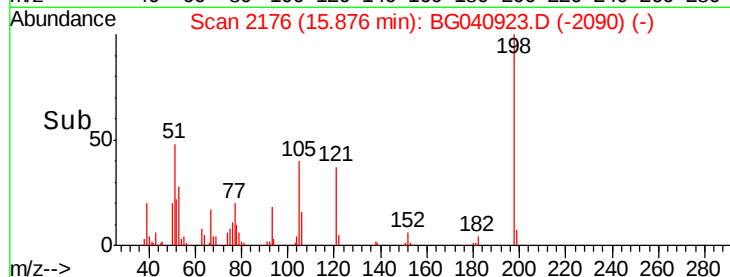
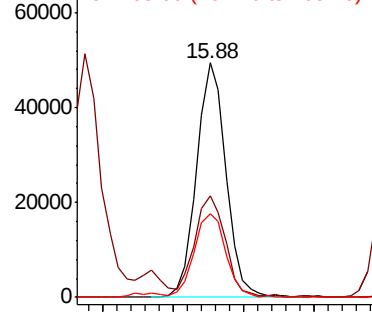
Ion	Ratio	Lower	Upper
198	100		
51	43.4	35.9	75.9
105	35.8	21.2	61.2



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: 13.530 ng

RT: 16.01 min Scan# 2199

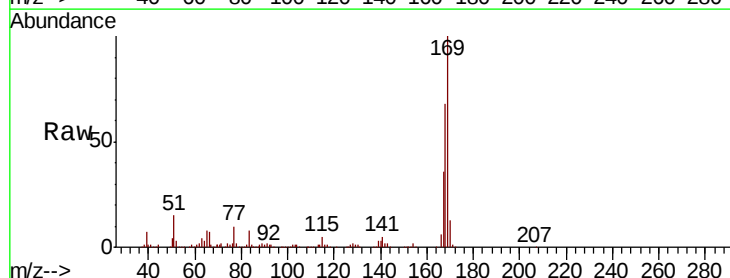
Delta R.T. -0.03 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

Tgt Ion:169 Resp: 400058

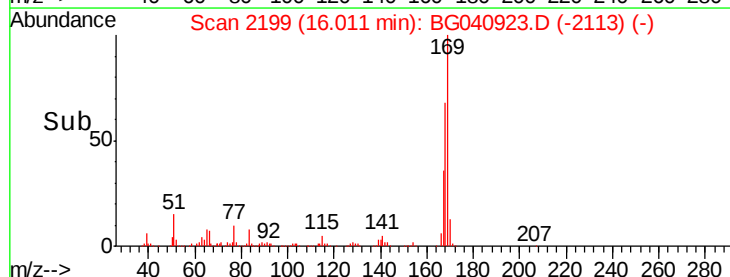
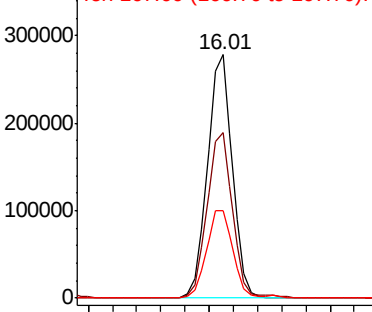
Ion	Ratio	Lower	Upper
169	100		
168	67.8	56.8	85.2
167	36.1	31.4	47.0

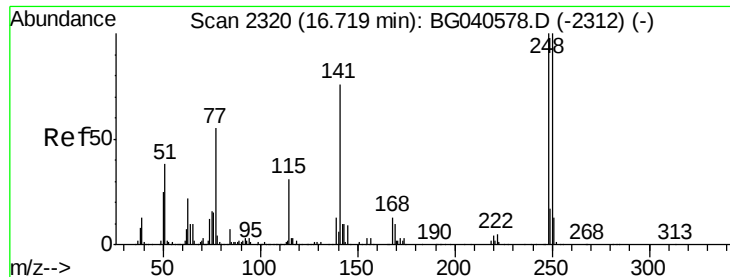


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

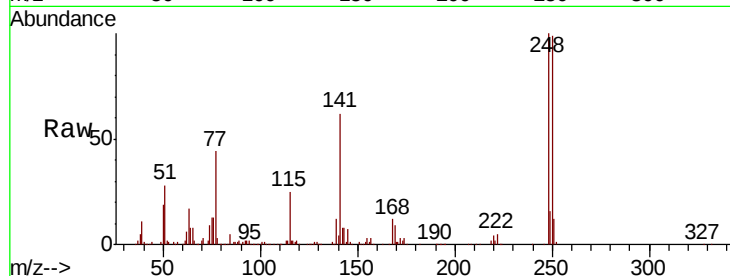




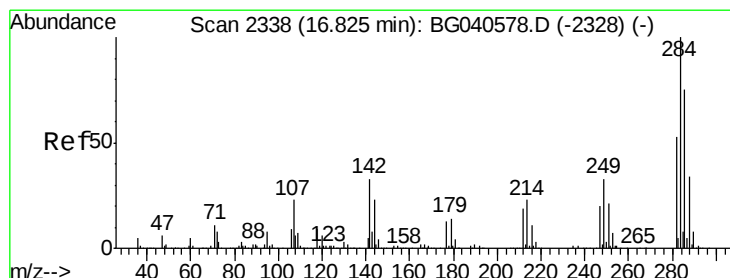
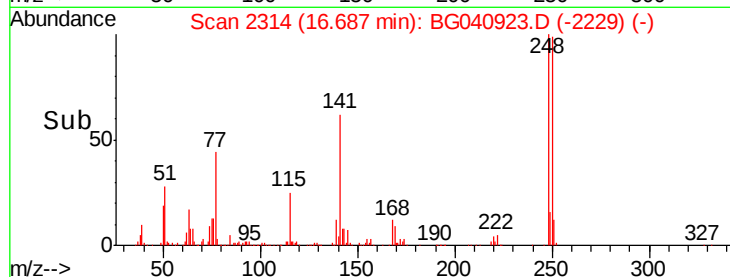
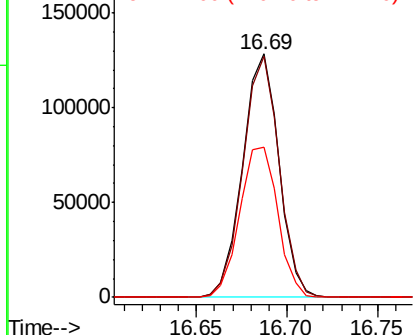
#67
4-Bromophenyl-phenylether
Concen: 14.274 ng
RT: 16.69 min Scan# 2314
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Instrument :
BNA_G
ClientSampleId :
IDOC-03

Tgt Ion:248 Resp: 178721
Ion Ratio Lower Upper
248 100
250 99.1 79.8 119.6
141 61.6 60.8 91.2

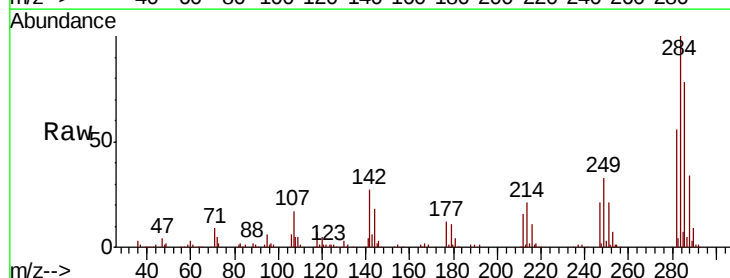


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

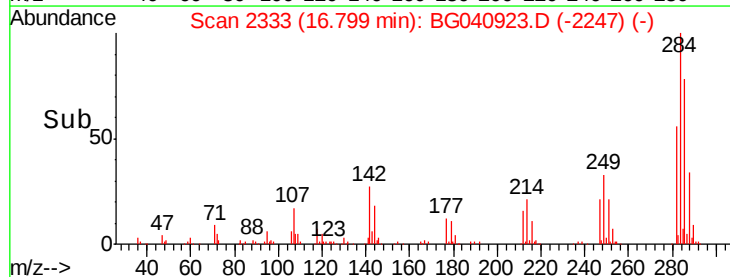
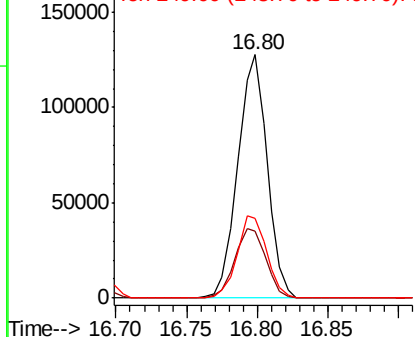


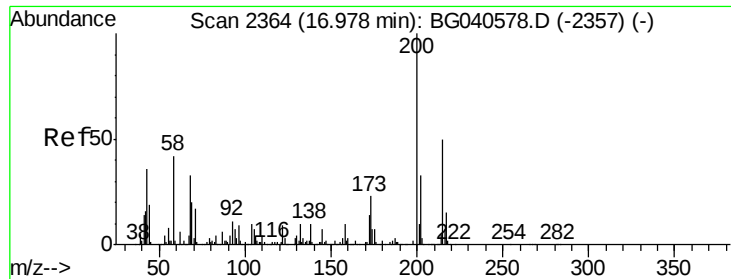
#68
Hexachlorobenzene
Concen: 14.320 ng
RT: 16.80 min Scan# 2333
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Tgt Ion:284 Resp: 185388
Ion Ratio Lower Upper
284 100
142 27.4 26.6 40.0
249 32.5 26.0 39.0



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: 14.421 ng

RT: 16.95 min Scan# 2358

Delta R.T. -0.03 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

Instrument :

BNA_G

ClientSampleId :

IDOC-03

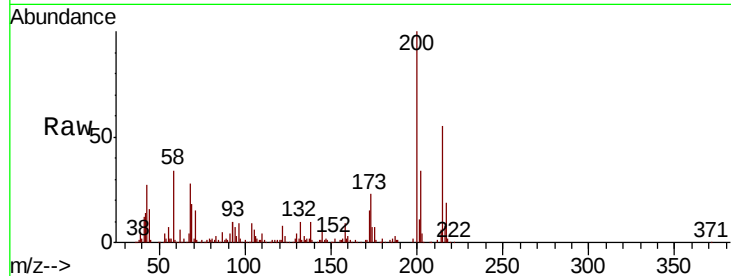
Tgt Ion:200 Resp: 168931

Ion Ratio Lower Upper

200 100

173 22.7 2.8 42.8

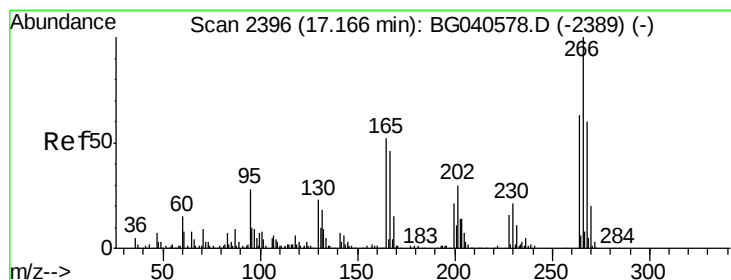
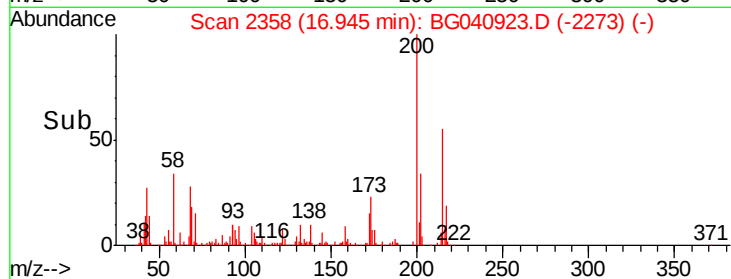
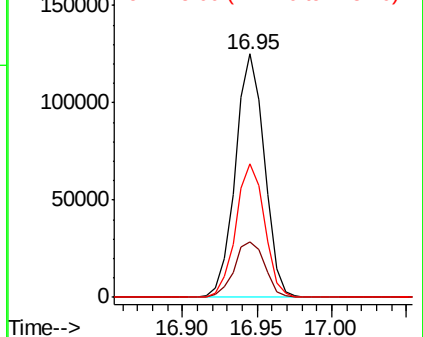
215 54.7 30.2 70.2



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: 30.755 ng

RT: 17.15 min Scan# 2392

Delta R.T. -0.02 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

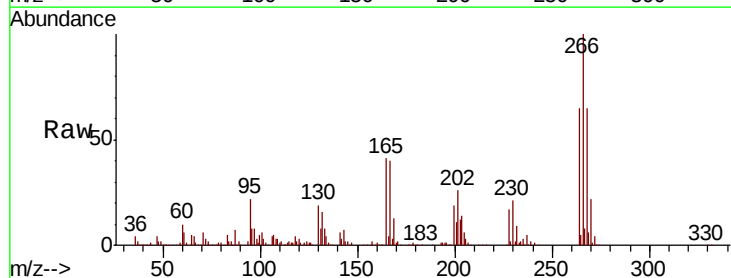
Tgt Ion:266 Resp: 232993

Ion Ratio Lower Upper

266 100

268 65.5 52.3 78.5

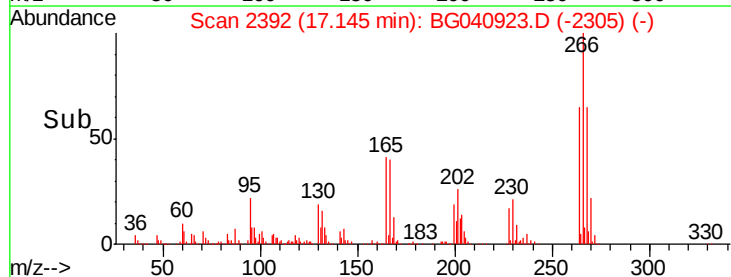
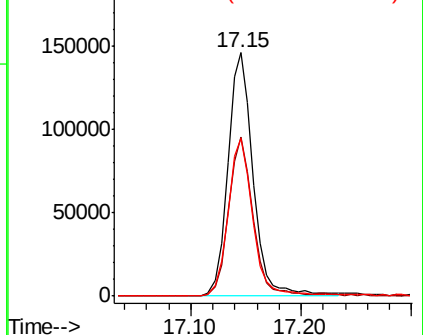
264 64.7 50.0 75.0

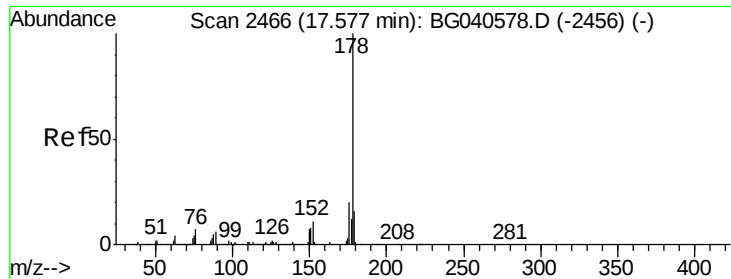


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

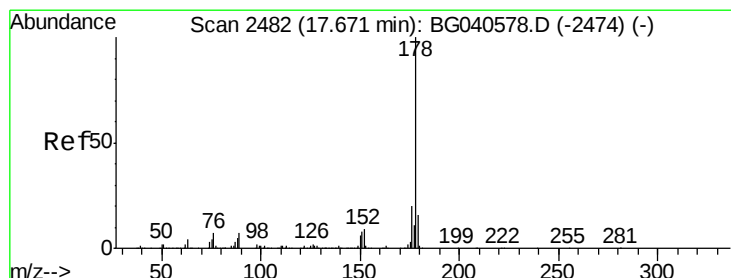
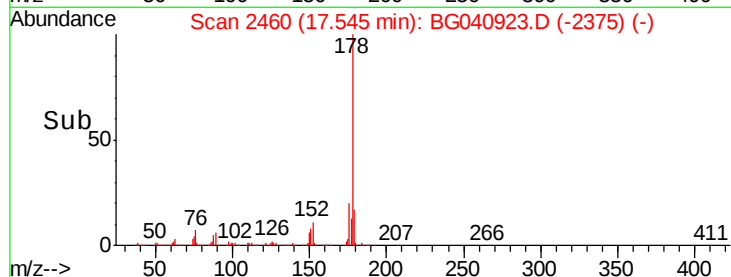
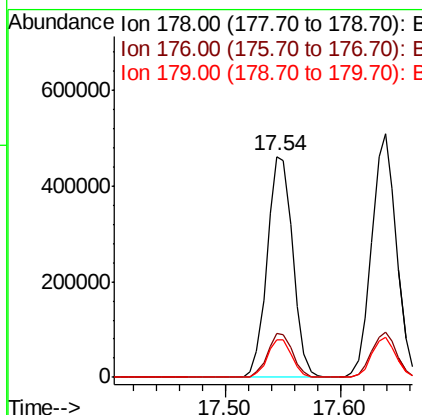
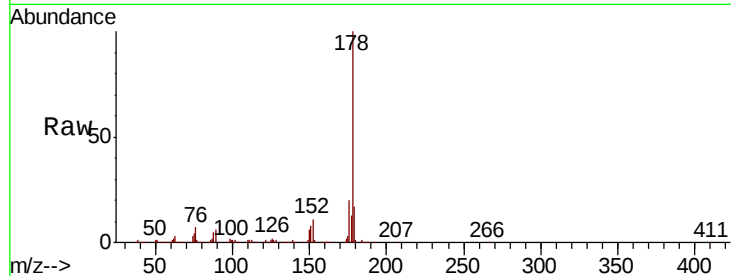




#71
Phenanthrene
Concen: 13.206 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

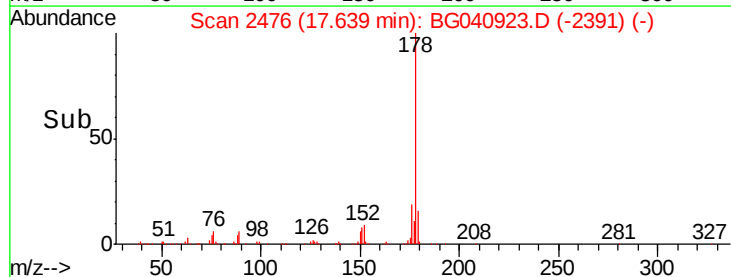
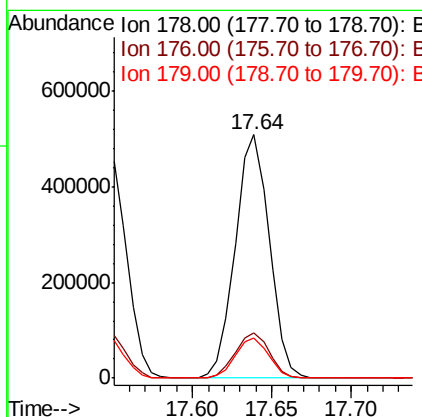
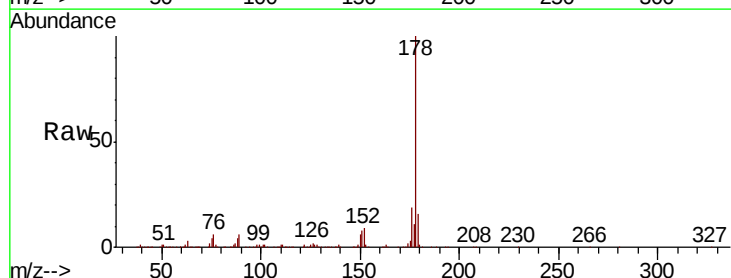
Instrument :
BNA_G
ClientSampleId :
IDOC-03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.6
179	17.0	12.6	18.8



#72
Anthracene
Concen: 13.930 ng
RT: 17.64 min Scan# 2476
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	16.4	12.9	19.3

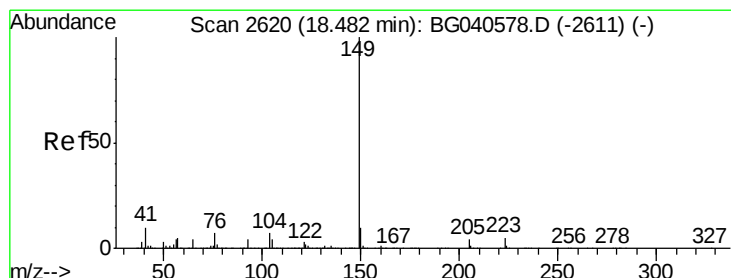
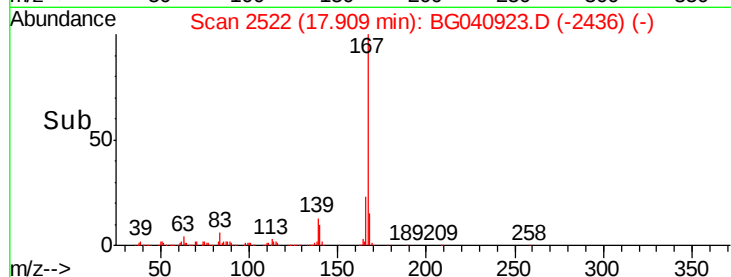
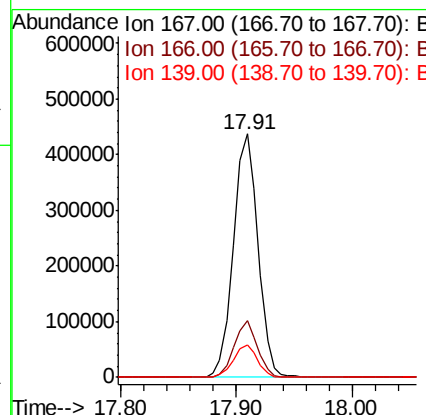
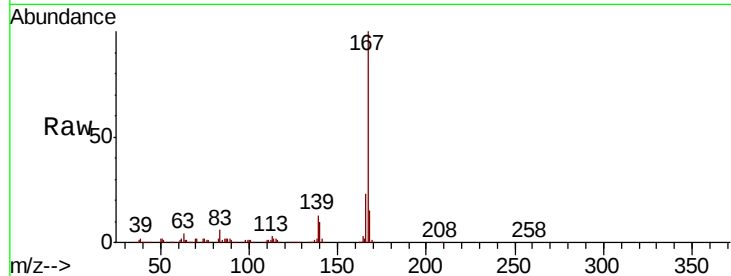




#73
 Carbazole
 Concen: 12.973 ng
 RT: 17.91 min Scan# 2522
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

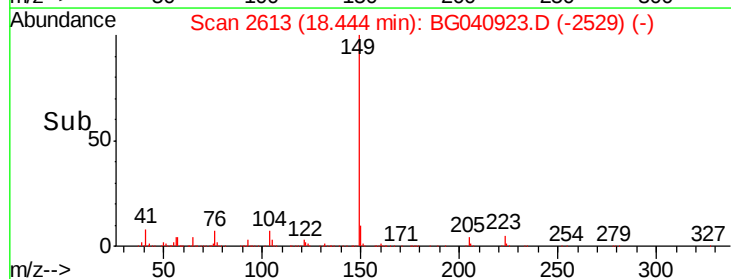
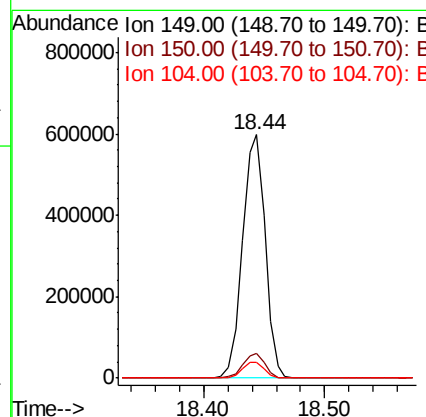
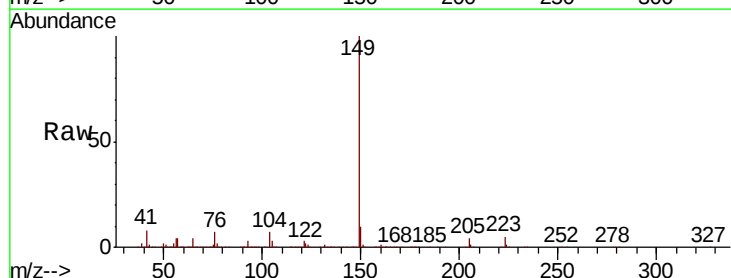
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-03

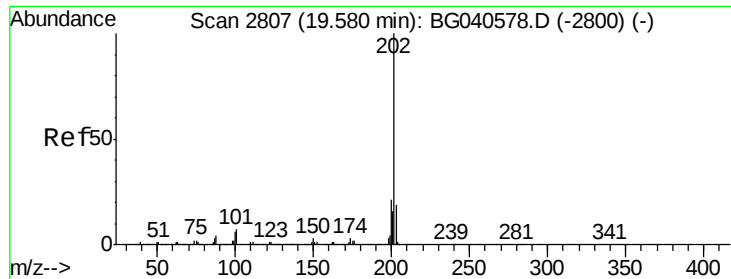
Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.2	27.4
139	13.1	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 13.073 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.04 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.2	12.2
104	6.6	5.4	8.2





#75

Fluoranthene

Concen: 13.835 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.03 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

Instrument :

BNA_G

ClientSampleId :

IDOC-03

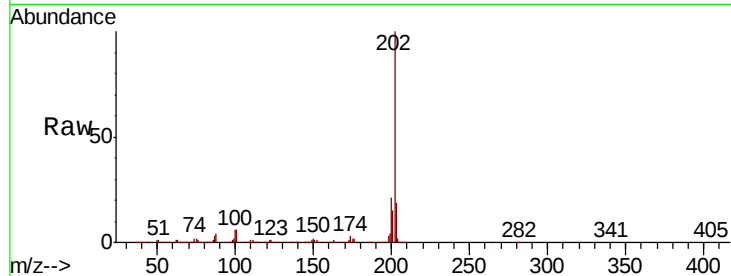
Tgt Ion:202 Resp: 933285

Ion Ratio Lower Upper

202 100

101 5.8 0.0 27.5

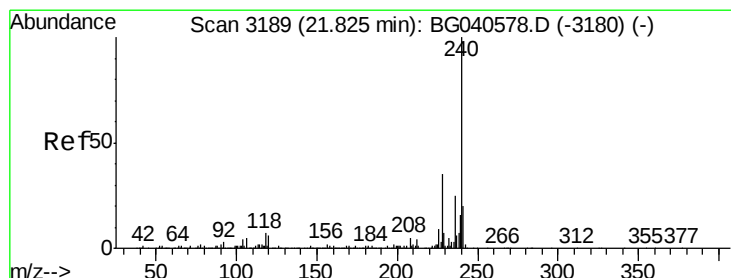
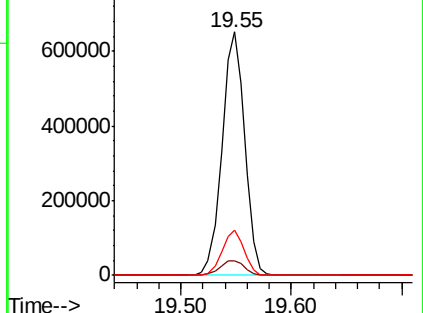
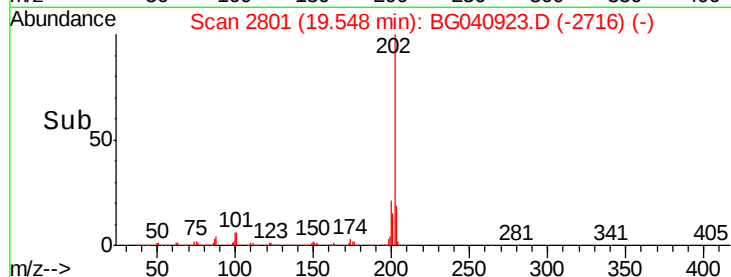
203 18.8 0.0 39.3



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: 21.79 min Scan# 3183

Delta R.T. -0.03 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

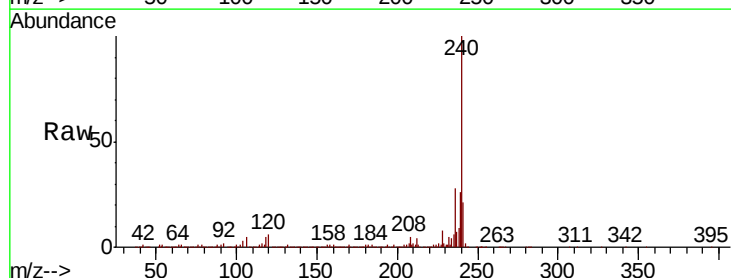
Tgt Ion:240 Resp: 987291

Ion Ratio Lower Upper

240 100

120 5.7 5.0 7.6

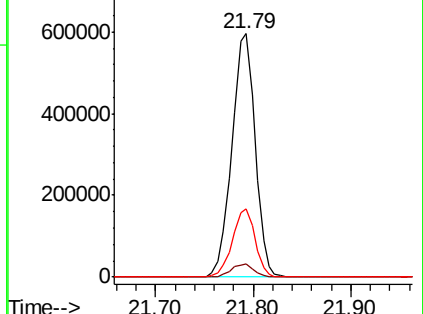
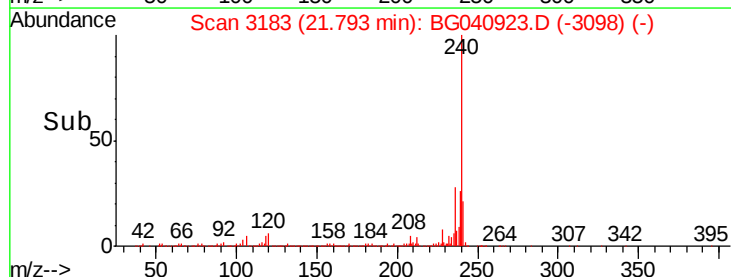
236 28.2 20.3 30.5



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: 10.485 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.03 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

Instrument :

BNA_G

ClientSampleId :

IDOC-03

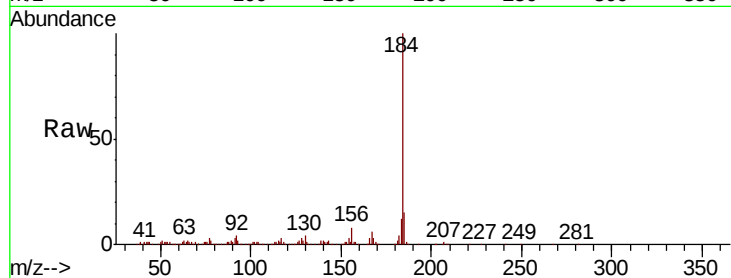
Tgt Ion:184 Resp: 283447

Ion Ratio Lower Upper

184 100

185 15.4 11.8 17.8

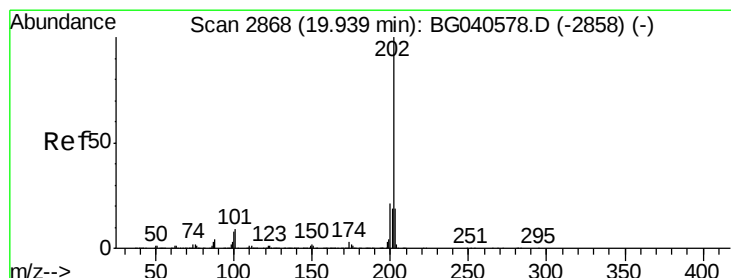
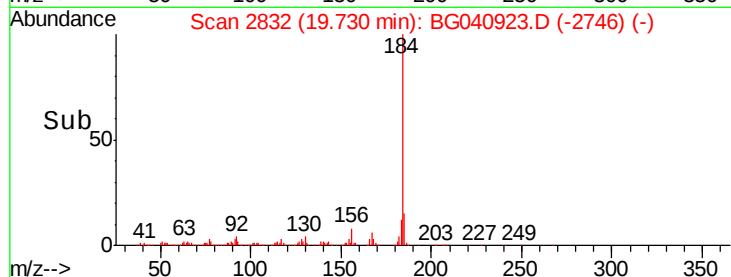
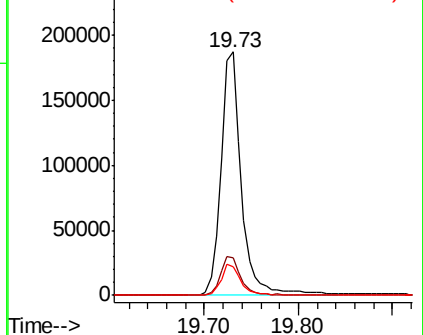
183 11.9 10.2 15.2



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: 15.097 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.03 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

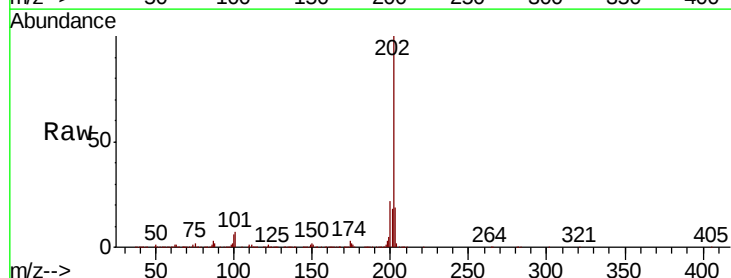
Tgt Ion:202 Resp: 934158

Ion Ratio Lower Upper

202 100

200 22.4 17.2 25.8

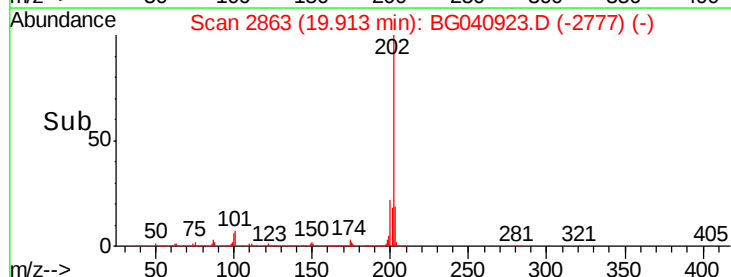
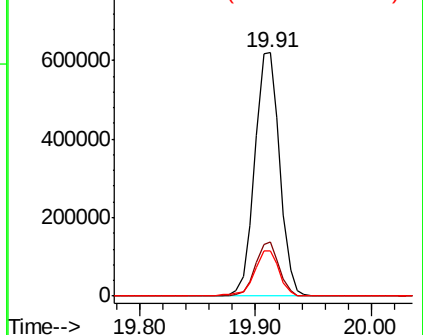
203 18.7 15.0 22.4

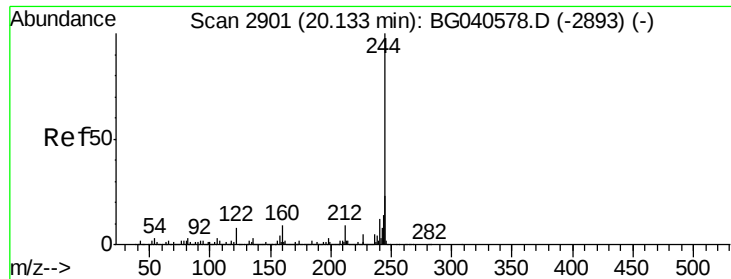


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.249 ng

RT: 20.10 min Scan# 2895

Delta R.T. -0.03 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

Instrument :

BNA_G

ClientSampleId :

IDOC-03

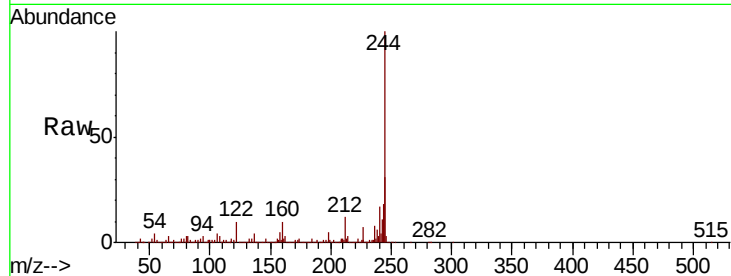
Tgt Ion:244 Resp: 2729538

Ion Ratio Lower Upper

244 100

212 12.4 7.2 10.8#

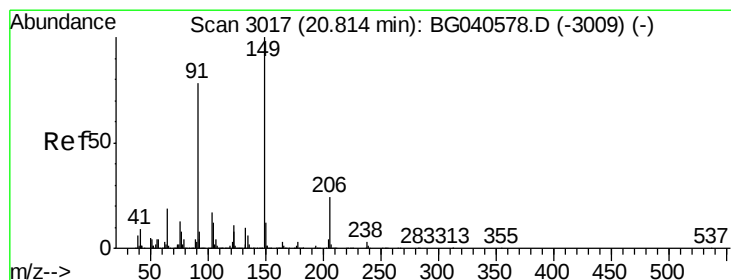
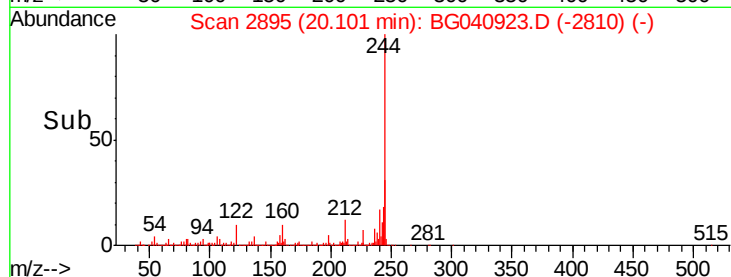
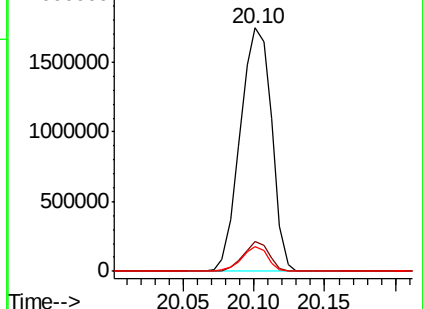
122 10.3 6.6 10.0#



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: 14.838 ng

RT: 20.78 min Scan# 3010

Delta R.T. -0.04 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

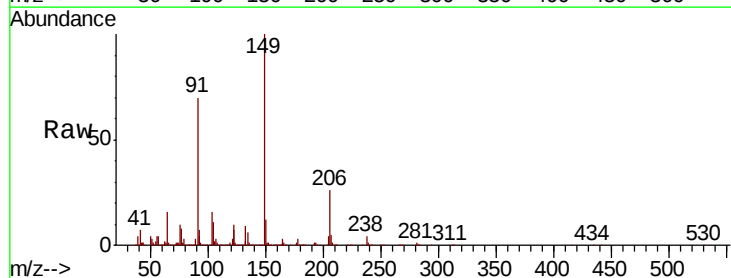
Tgt Ion:149 Resp: 357850

Ion Ratio Lower Upper

149 100

91 70.4 62.6 93.8

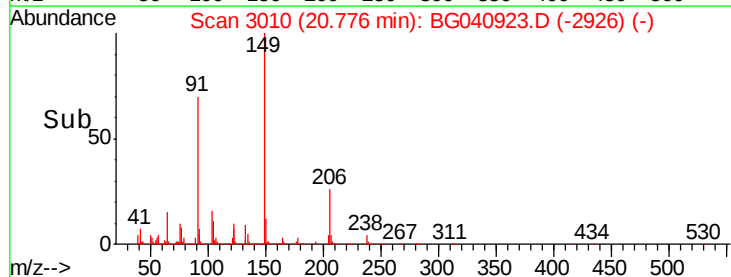
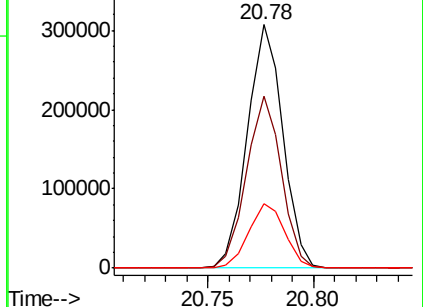
206 26.3 19.4 29.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 14.794 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.03 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

Instrument :

BNA_G

ClientSampleId :

IDOC-03

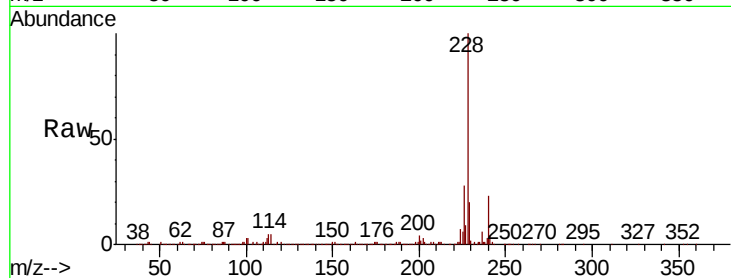
Tgt Ion:228 Resp: 923123

Ion Ratio Lower Upper

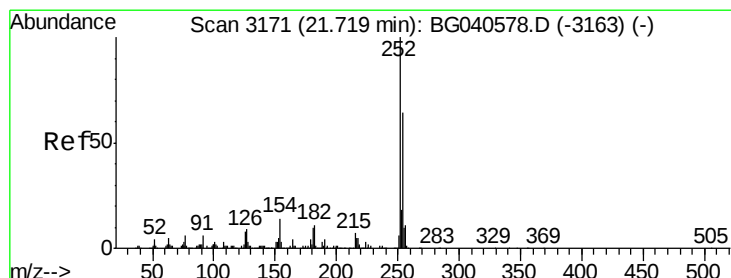
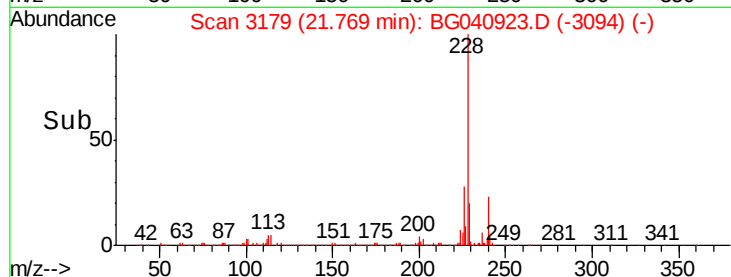
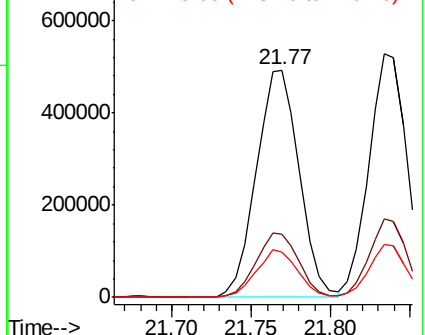
228 100

226 27.7 23.1 34.7

229 19.9 17.0 25.4



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: 10.553 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.04 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

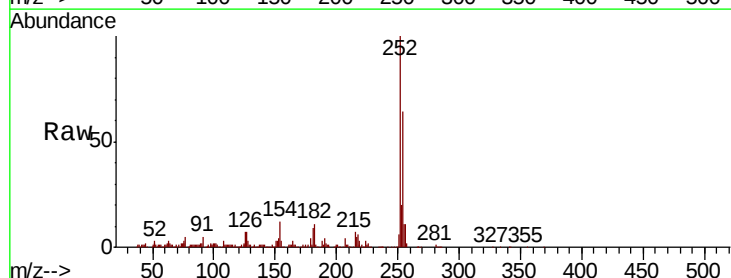
Tgt Ion:252 Resp: 234709

Ion Ratio Lower Upper

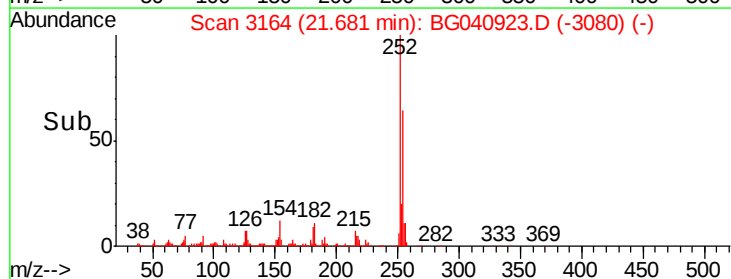
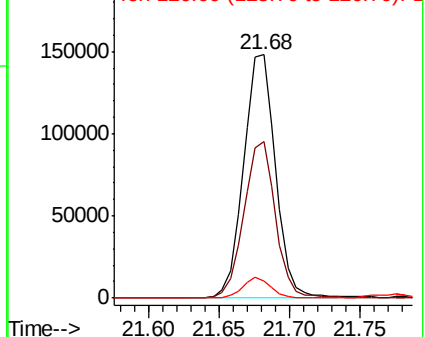
252 100

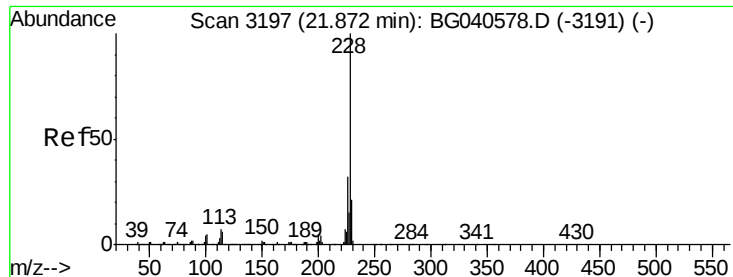
254 64.5 51.2 76.8

126 7.2 6.6 10.0



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: 14.844 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.04 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

Instrument :

BNA_G

ClientSampleId :

IDOC-03

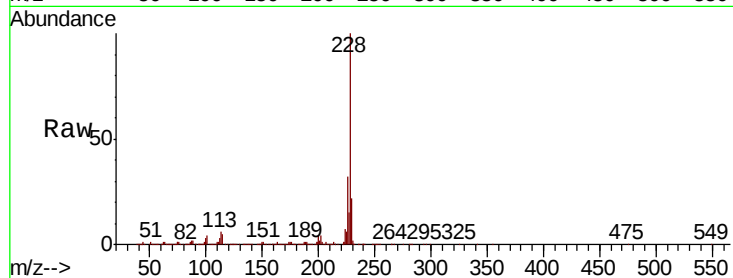
Tgt Ion:228 Resp: 880842

Ion Ratio Lower Upper

228 100

226 32.2 25.5 38.3

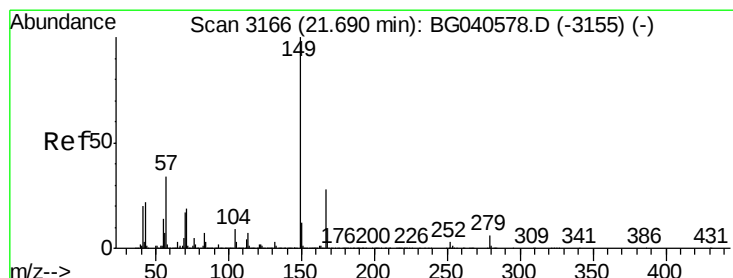
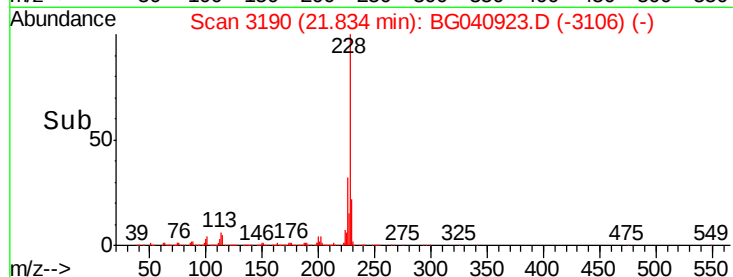
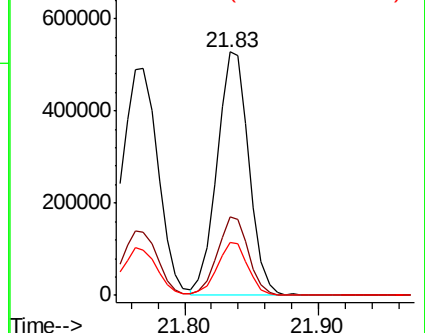
229 21.7 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 14.359 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.06 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

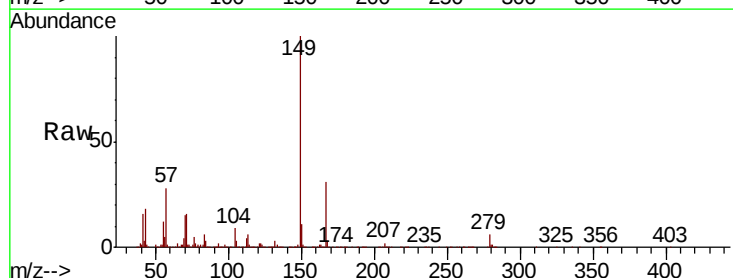
Tgt Ion:149 Resp: 499888

Ion Ratio Lower Upper

149 100

167 30.6 22.4 33.6

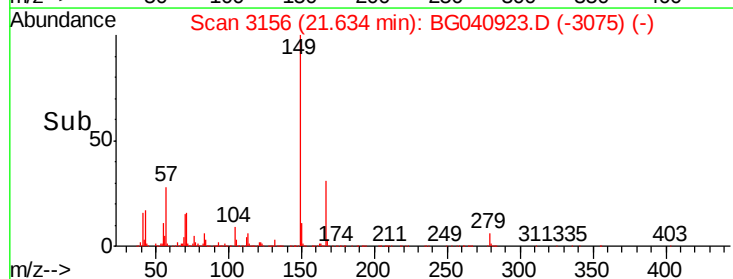
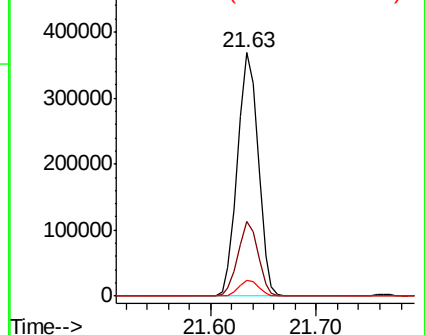
279 6.4 4.6 6.8

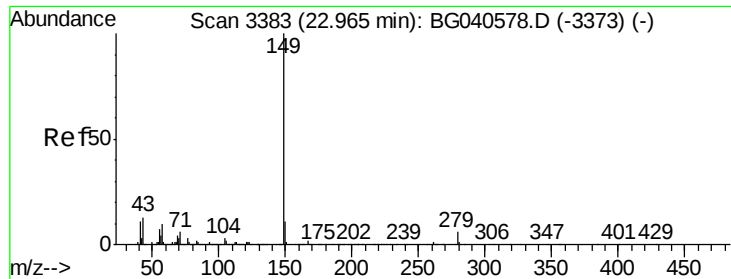


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 14.569 ng

RT: 22.89 min Scan# 3369

Delta R.T. -0.08 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

Instrument :

BNA_G

ClientSampleId :

IDOC-03

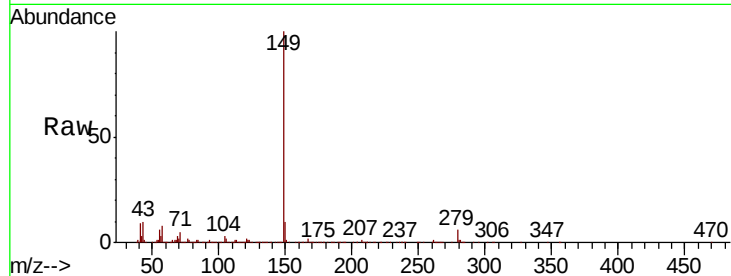
Tgt Ion:149 Resp: 854211

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

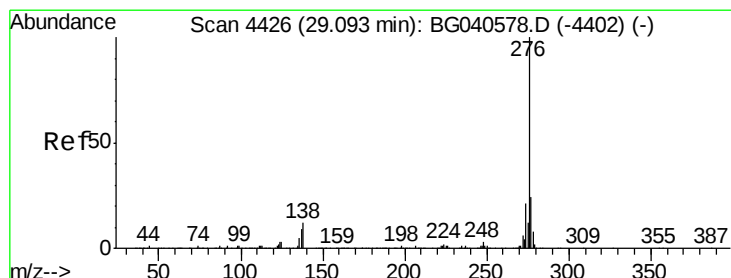
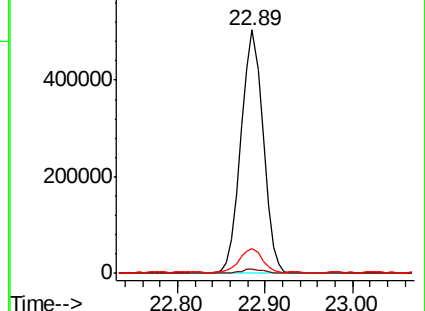
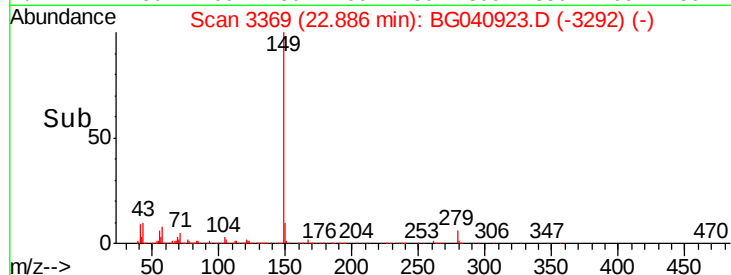
43 10.0 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 15.342 ng

RT: 28.97 min Scan# 4405

Delta R.T. -0.12 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

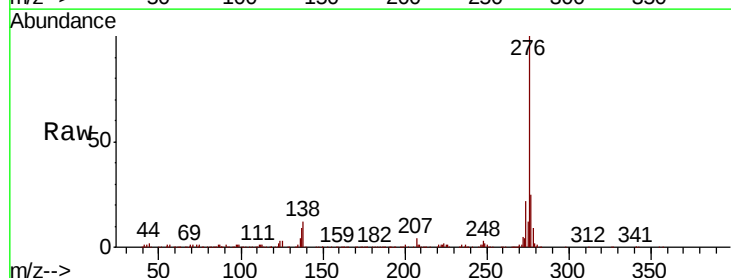
Tgt Ion:276 Resp: 1100739

Ion Ratio Lower Upper

276 100

138 7.2 9.8 14.6#

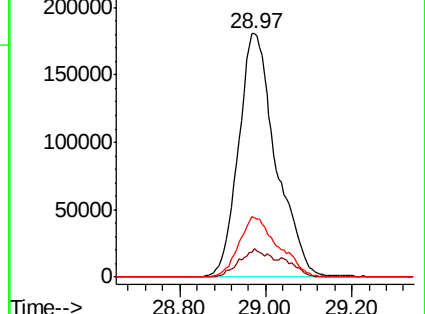
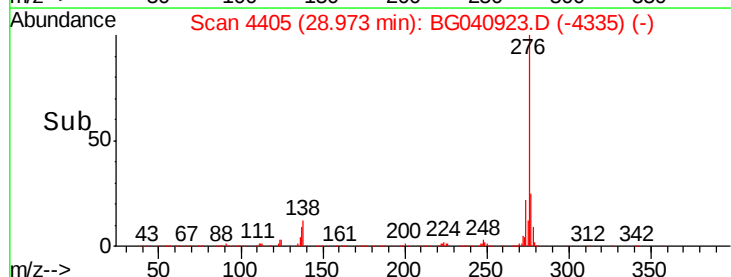
277 26.0 17.3 25.9#

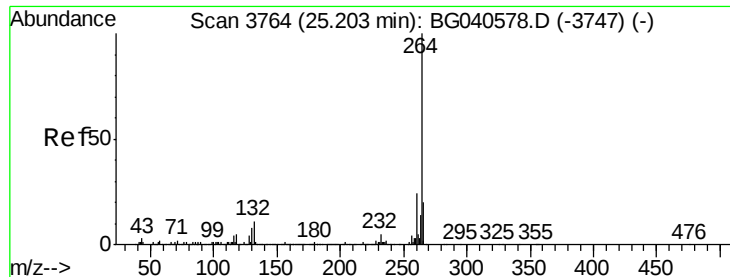


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.14 min Scan# 3752

Delta R.T. -0.07 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

Instrument :

BNA_G

ClientSampleId :

IDOC-03

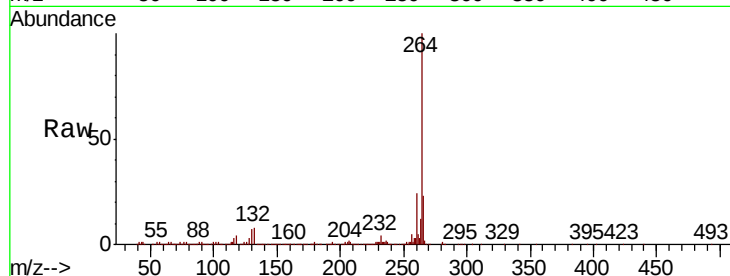
Tgt Ion:264 Resp: 1097797

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

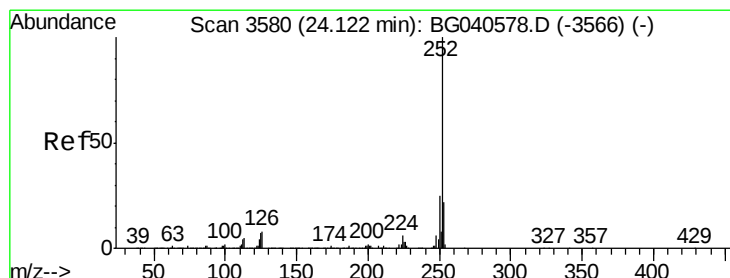
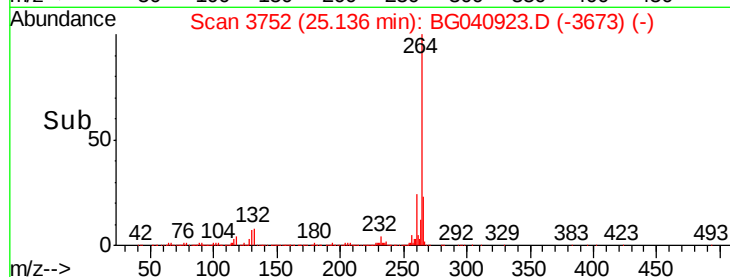
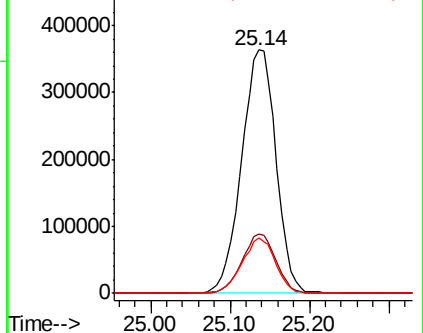
265 23.0 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 13.187 ng

RT: 24.13 min Scan# 3581

Delta R.T. 0.01 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

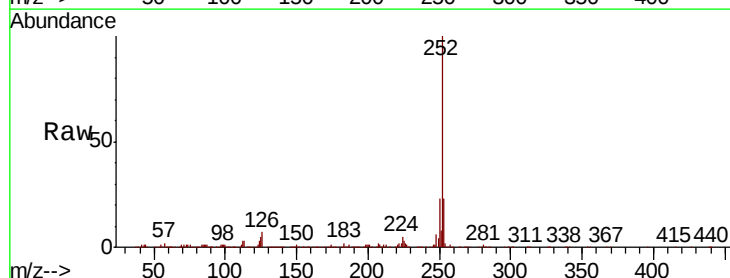
Tgt Ion:252 Resp: 884649

Ion Ratio Lower Upper

252 100

253 23.3 17.6 26.4

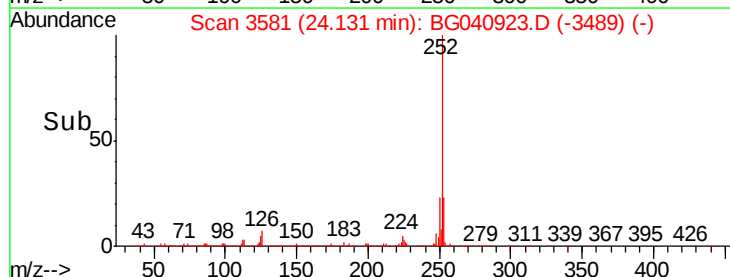
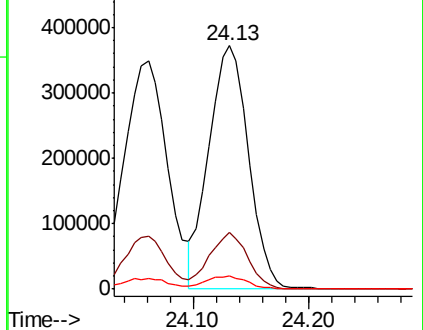
125 5.4 5.4 8.0

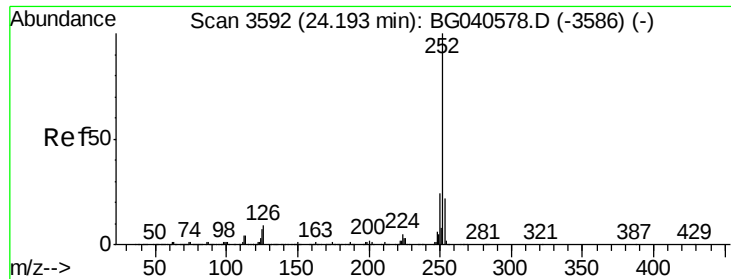


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

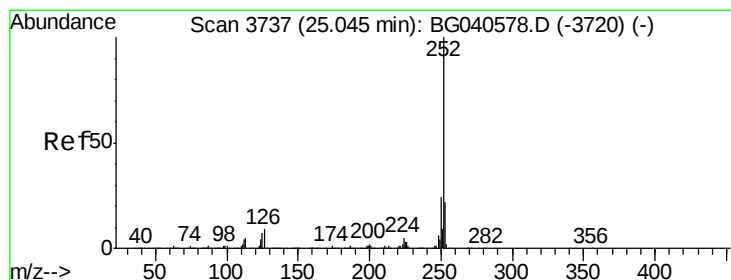
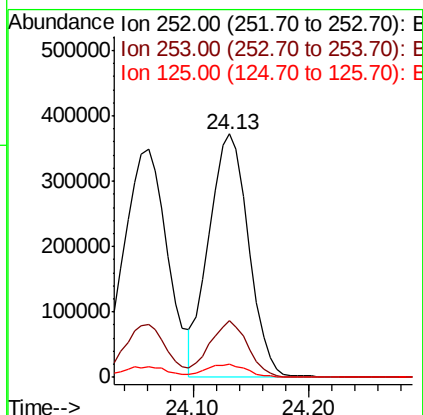
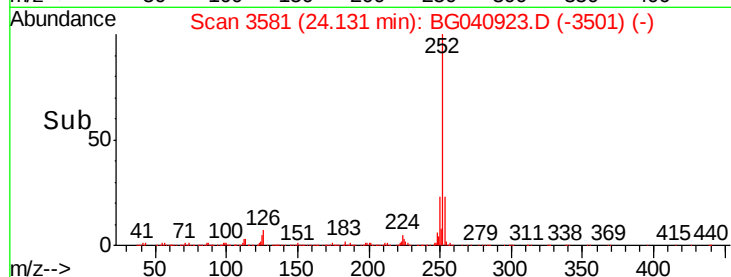
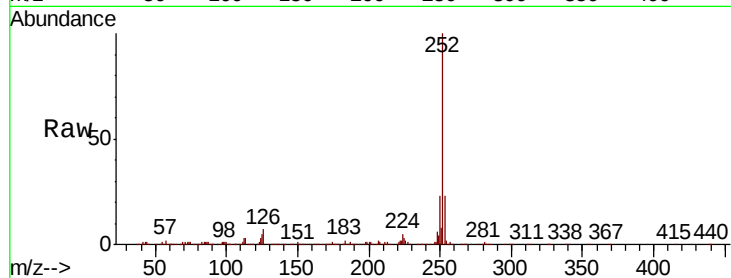




#89
Benzo(k)fluoranthene
Concen: 14.120 ng
RT: 24.13 min Scan# 3581
Delta R.T. -0.06 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

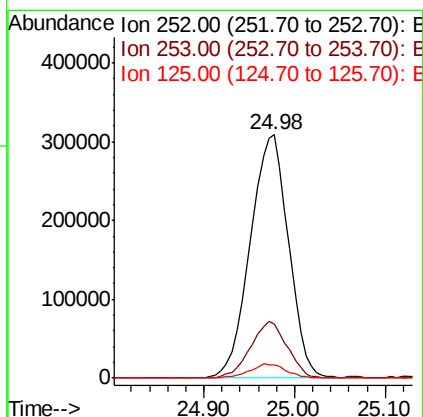
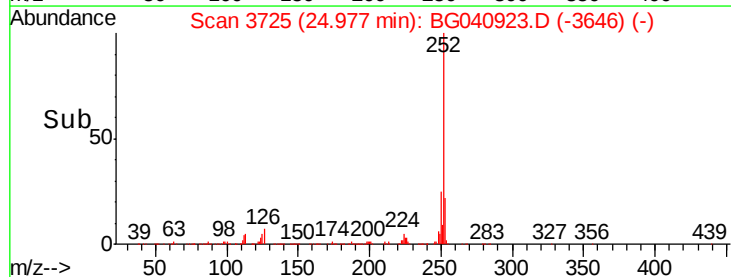
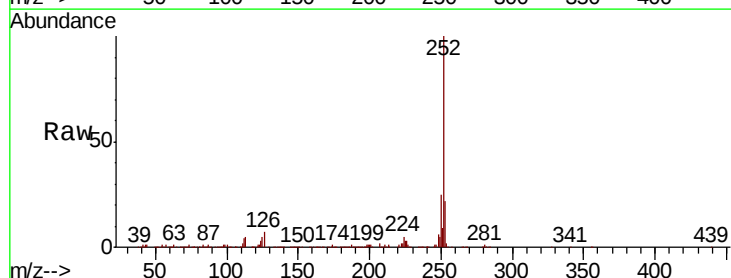
Instrument :
BNA_G
ClientSampleId :
IDOC-03

Tgt Ion:252 Resp: 884649
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 5.4 5.5 8.3#



#90
Benzo(a)pyrene
Concen: 14.255 ng
RT: 24.98 min Scan# 3725
Delta R.T. -0.07 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Tgt Ion:252 Resp: 905236
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 5.2 5.7 8.5#





#91

Dibenzo(a,h)anthracene

Concen: 14.084 ng

RT: 29.05 min Scan# 4418

Delta R.T. -0.12 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

Instrument :

BNA_G

ClientSampleId :

IDOC-03

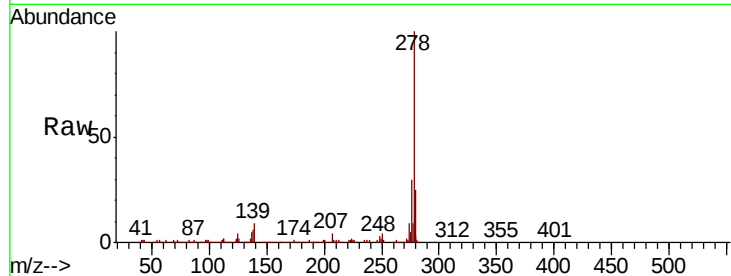
Tgt Ion:278 Resp: 905081

Ion Ratio Lower Upper

278 100

139 8.7 8.2 12.4

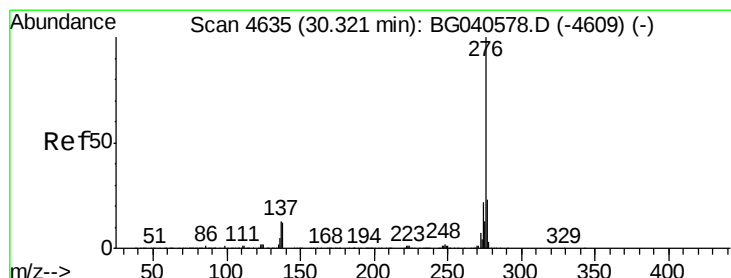
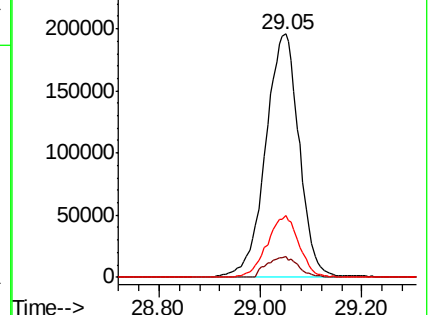
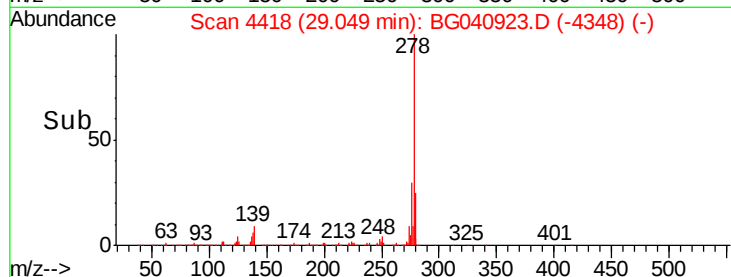
279 25.5 18.5 27.7



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: 14.161 ng

RT: 30.20 min Scan# 4614

Delta R.T. -0.12 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

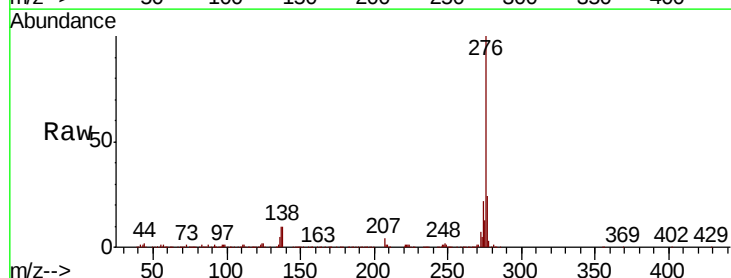
Tgt Ion:276 Resp: 905679

Ion Ratio Lower Upper

276 100

277 24.1 18.4 27.6

138 10.1 9.8 14.6



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

