

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

Manual Integrations
 APPROVED

Sohil
 5/14/2019 8:04:42 PM

Quant Time: May 14 02:32:12 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

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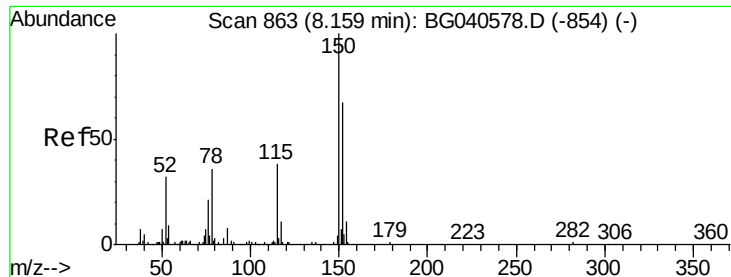
Manual Integrations
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 5/14/2019 8:04:42 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	264677	29.254	nq	96
43) 2,4,6-Trichlorophenol	13.20	196	150755	16.270	nq	97
44) 2,4,5-Trichlorophenol	13.27	196	160855	15.936	nq	97
46) 1,1'-Biphenyl	13.60	154	420341	13.154	nq	94
47) 2-Chloronaphthalene	13.64	162	351596	14.059	nq	97
48) 2-Nitroaniline	13.85	65	122531	13.764	nq	92
49) Acenaphthylene	14.49	152	546554	12.881	nq	99
50) Dimethylphthalate	14.21	163	460058	13.359	nq	99
51) 2,6-Dinitrotoluene	14.34	165	99599	14.819	nq	85
52) Acenaphthene	14.82	154	315317	12.761	nq	96
53) 3-Nitroaniline	14.67	138	75266	10.930	nq	93
54) 2,4-Dinitrophenol	14.87	184	84375	27.322	nq	# 91
55) Dibenzofuran	15.16	168	551232	13.620	nq	98
56) 4-Nitrophenol	14.97	139	158146	26.484	nq	89
57) 2,4-Dinitrotoluene	15.12	165	144696	15.844	nq	# 86
58) Fluorene	15.81	166	427233	13.060	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.37	232	162171	15.963	nq	95
60) Diethylphthalate	15.56	149	468766	12.902	nq	98
61) 4-Chlorophenyl-phenylether	15.79	204	272353	14.315	nq	96
62) 4-Nitroaniline	15.84	138	97586	12.668	nq	84
63) Azobenzene	16.09	77	425353	11.367	nq	94
65) 4,6-Dinitro-2-methylphenol	15.88	198	71705	19.439	nq	86
66) n-Nitrosodiphenylamine	16.01	169	400058	13.530	nq	96
67) 4-Bromophenyl-phenylether	16.69	248	178721	14.274	nq	92
68) Hexachlorobenzene	16.80	284	185388	14.320	nq	95
69) Atrazine	16.95	200	168931	14.421	nq	95
70) Pentachlorophenol	17.15	266	232993	30.755	nq	99
71) Phenanthrene	17.54	178	714877	13.206	nq	98
72) Anthracene	17.64	178	757924	13.930	nq	99
73) Carbazole	17.91	167	643124	12.973	nq	98
74) Di-n-butylphthalate	18.44	149	782228	13.073	nq	100
75) Fluoranthene	19.55	202	933285	13.835	nq	98
77) Benzidine	19.73	184	283447	10.485	nq	98
78) Pyrene	19.91	202	934158	15.097	nq	99
80) Butylbenzylphthalate	20.78	149	357850	14.838	nq	92
81) Benzo(a)anthracene	21.77	228	923123	14.794	nq	98
82) 3,3'-Dichlorobenzidine	21.68	252	234709	10.553	nq	99
83) Chrysene	21.83	228	880842	14.844	nq	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	499888	14.359	nq	96
85) Di-n-octyl phthalate	22.89	149	854211	14.569	nq	# 94
86) Indeno(1,2,3-cd)pyrene	28.97	276	1100739	15.342	nq	# 89
88) Benzo(b)fluoranthene	24.06	252	924532m	13.782	nq	
89) Benzo(k)fluoranthene	24.13	252	884649	14.120	nq	# 97
90) Benzo(a)pyrene	24.98	252	905236	14.255	nq	# 98
91) Dibenzo(a,h)anthracene	29.05	278	905081	14.084	nq	95
92) Benzo(g,h,i)perylene	30.20	276	905679	14.161	nq	97

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



#1

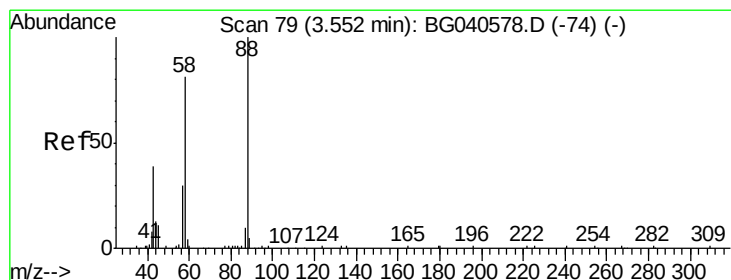
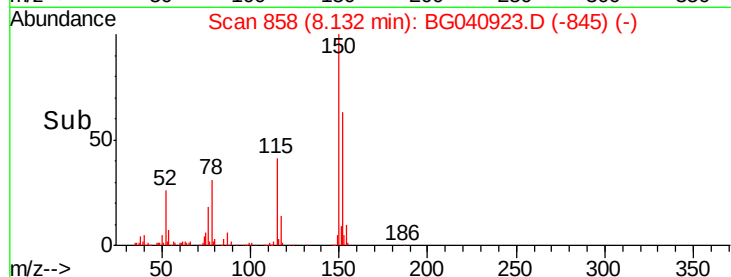
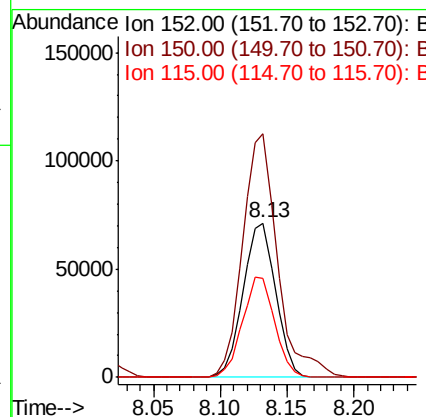
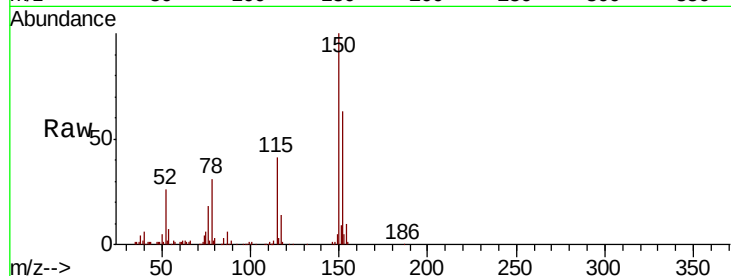
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Instrument :
BNA_G
ClientSampled :
IDOC-03

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

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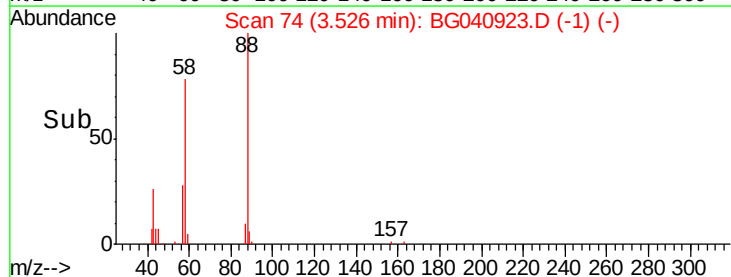
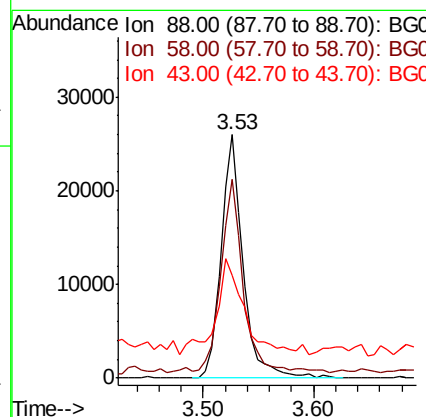
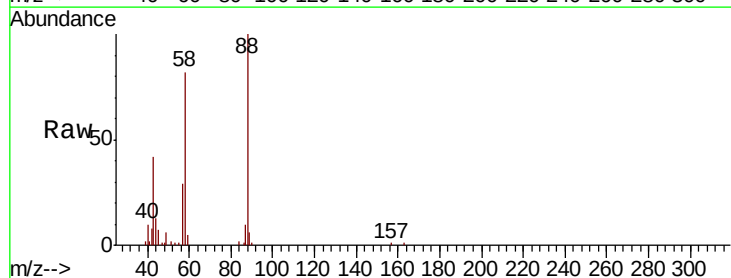
Sohil
5/14/2019 8:04:42 PM

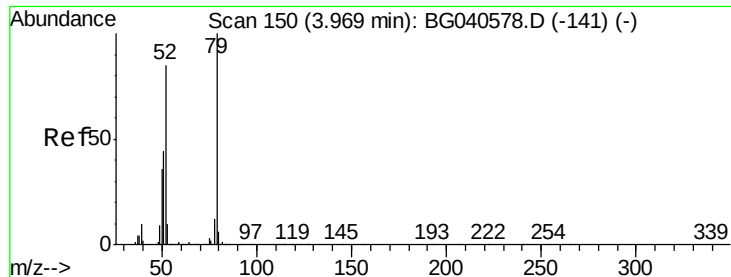


#2

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





#3

Pvridine

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

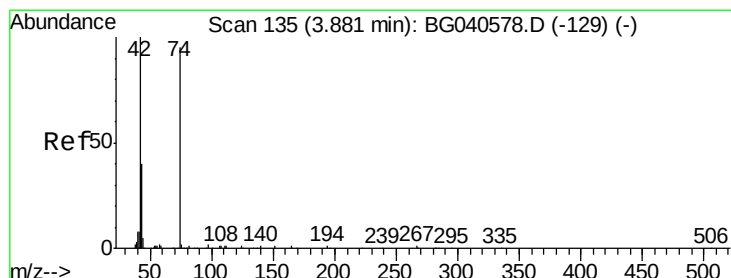
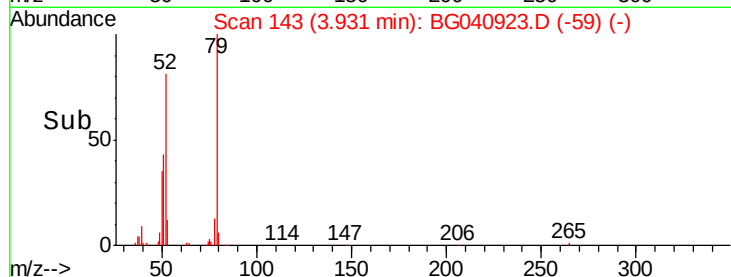
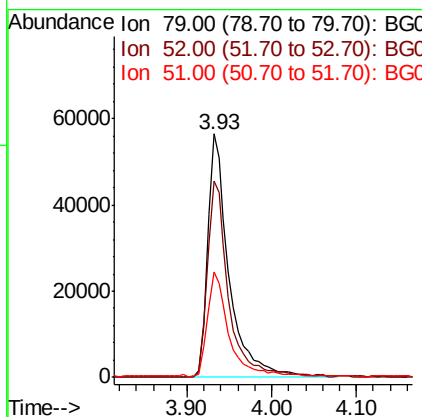
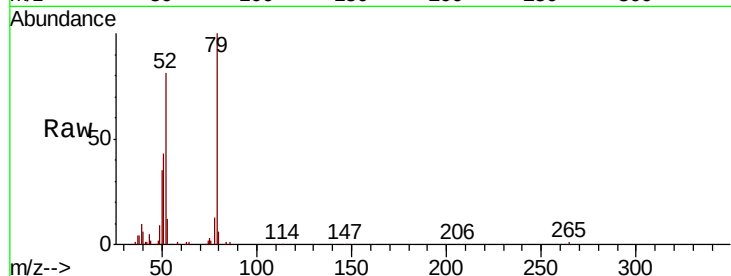
ClientSampleId :

IDOC-03

Tot Ion:	79	Resp:	100040
Ion	Ratio	Lower	Upper
79	100		
52	80.7	67.5	101.3
51	43.4	35.6	53.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 11.155 ng

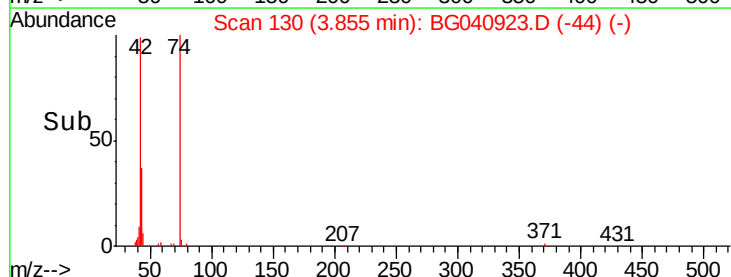
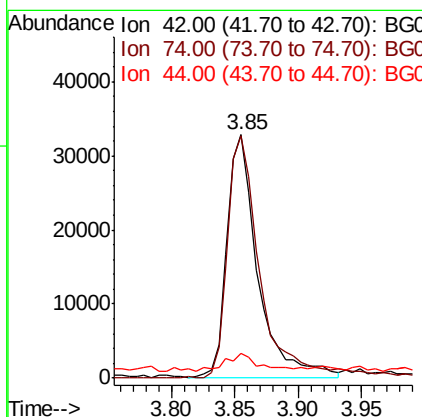
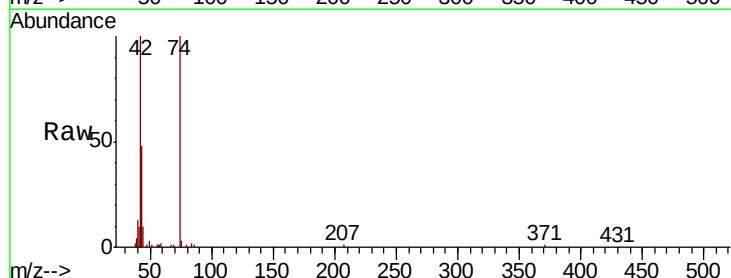
RT: 3.85 min Scan# 130

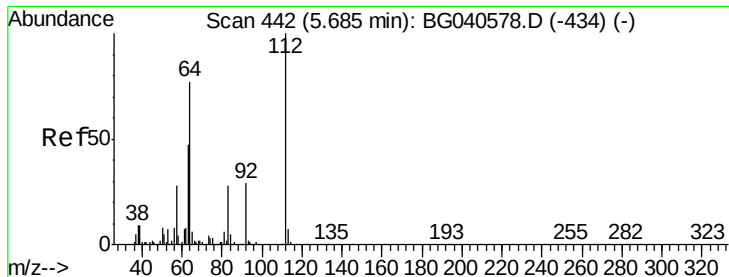
Delta R.T. -0.03 min

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





#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

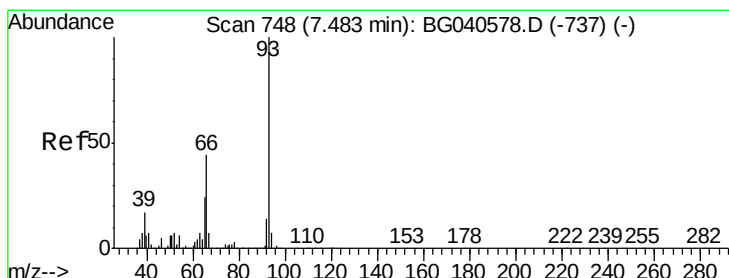
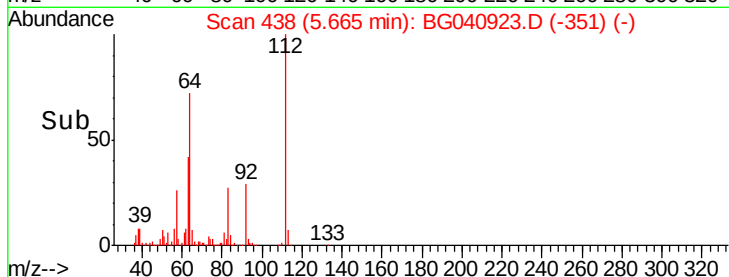
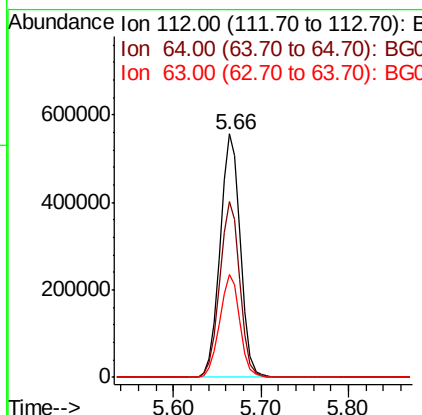
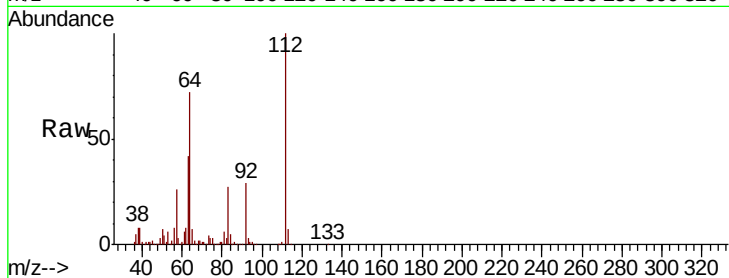
ClientSampleId :

IDOC-03

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

Manual Integrations
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#6

Aniline

Concen: 8.877 ng

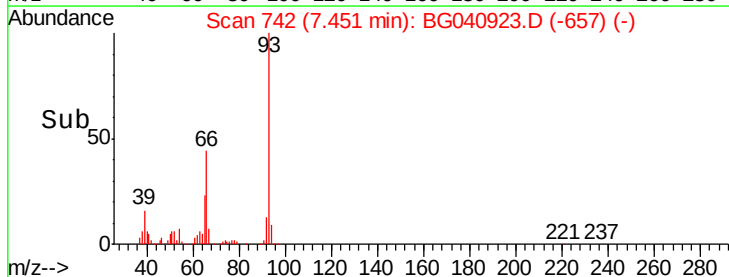
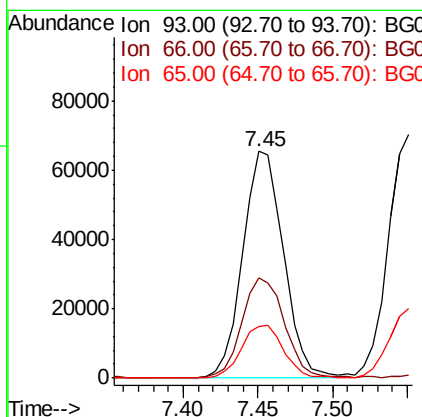
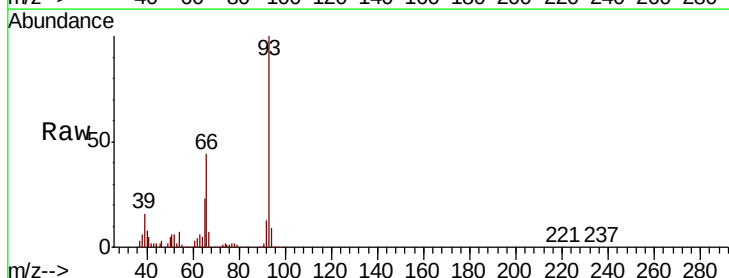
RT: 7.45 min Scan# 742

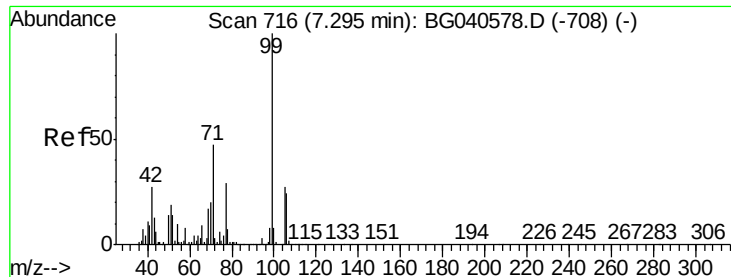
Delta R.T. -0.03 min

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





#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

ClientSampled :

IDOC-03

Tot Ion: 99 Resp: 1286103

Ion Ratio Lower Upper

99 100

42 24.4 21.8 32.8

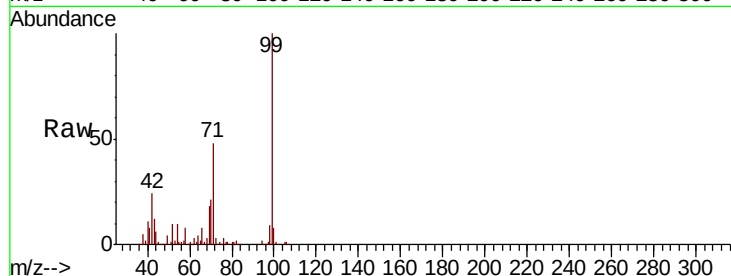
71 48.5 38.6 57.8

Manual Integrations

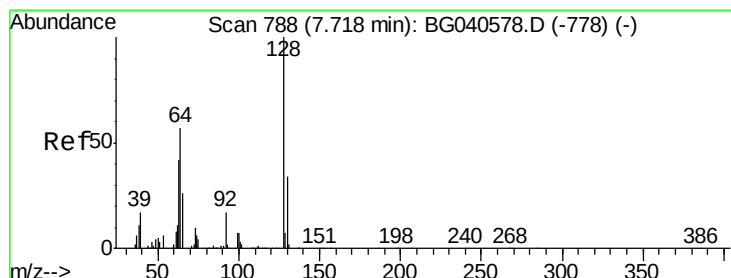
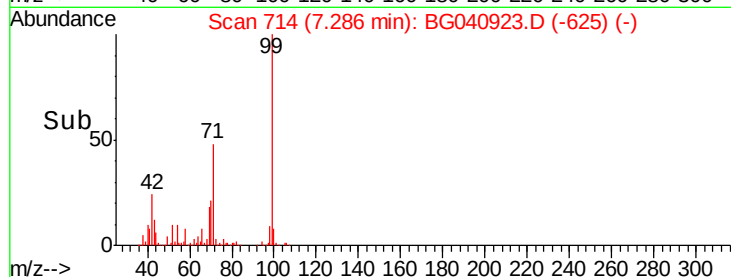
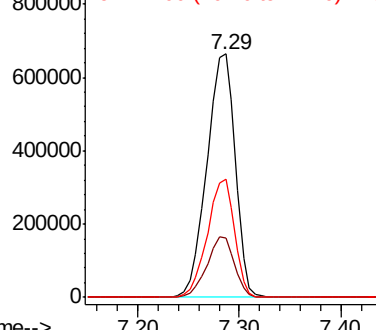
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 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

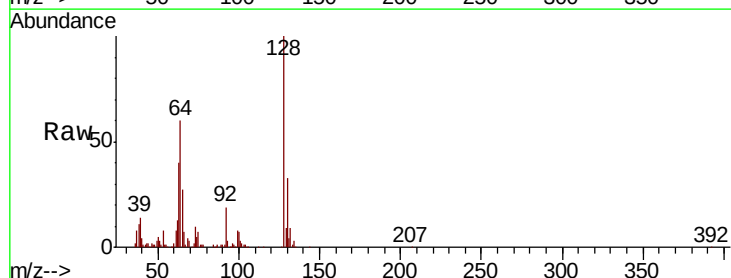
Tgt Ion:128 Resp: 122235

Ion Ratio Lower Upper

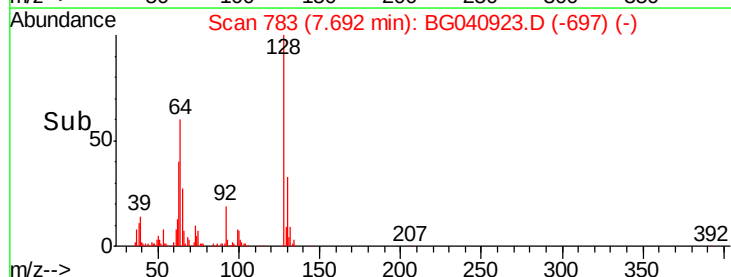
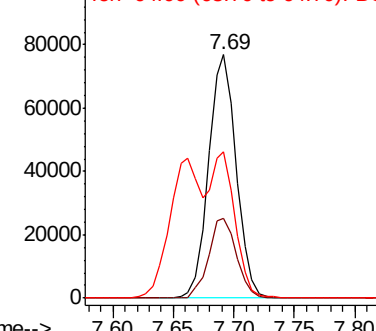
128 100

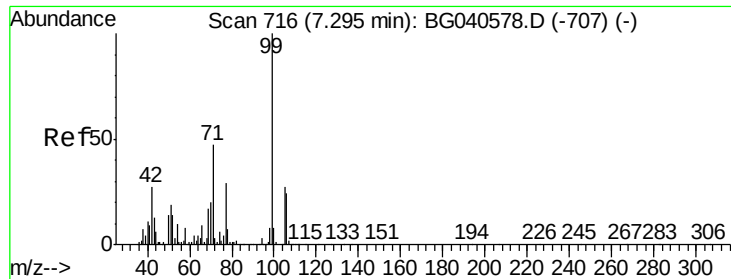
130 32.8 14.5 54.5

64 60.2 38.4 78.4



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





#9

Benzaldehyde

Concen: 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

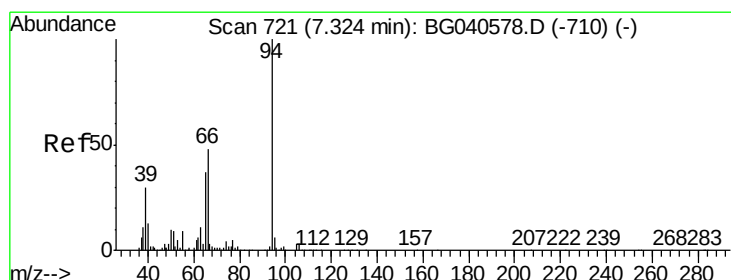
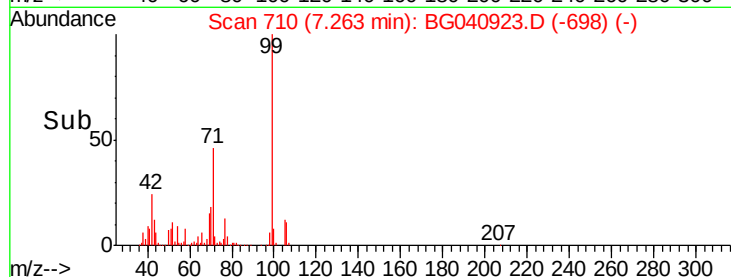
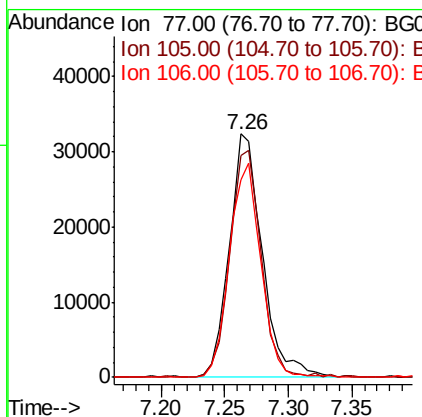
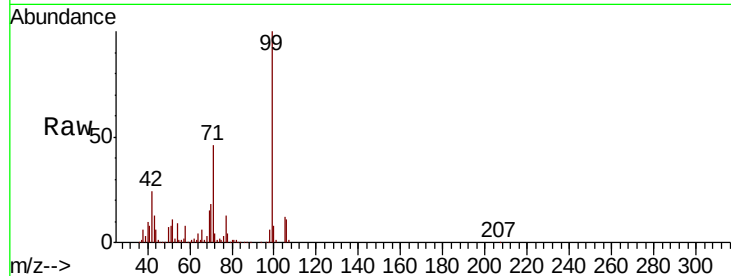
ClientSampled :

IDOC-03

Tot Ion:	77	Resp:	58186
Ion	Ratio	Lower	Upper
77	100		
105	91.2	72.0	112.0
106	80.9	61.2	101.2

Manual Integrations
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#10

Phenol

Concen: 15.240 ng

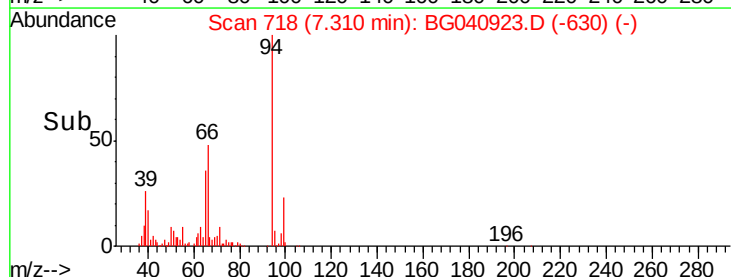
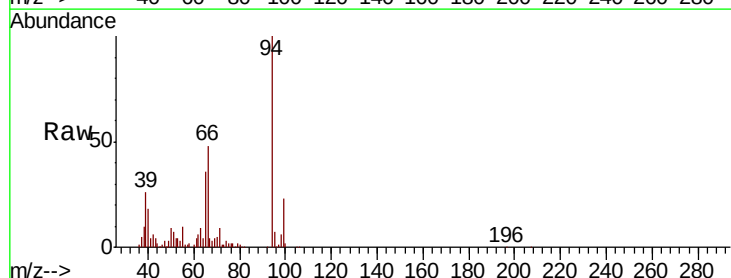
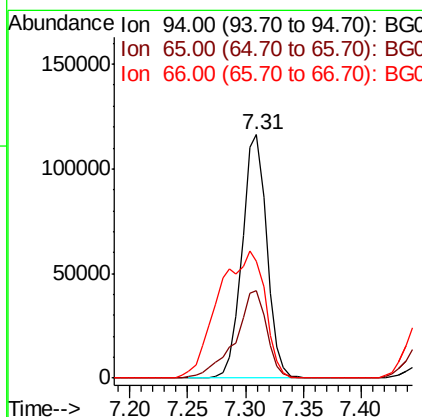
RT: 7.31 min Scan# 718

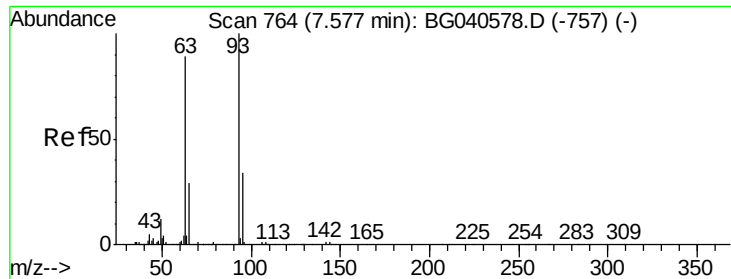
Delta R.T. -0.01 min

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





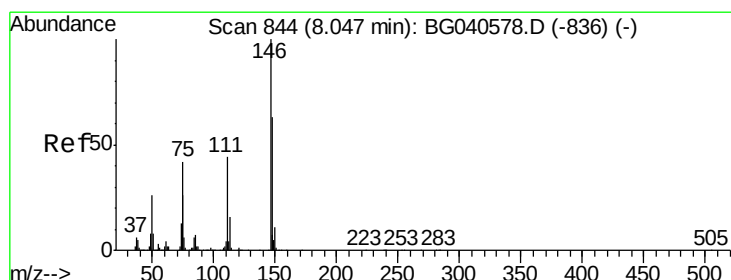
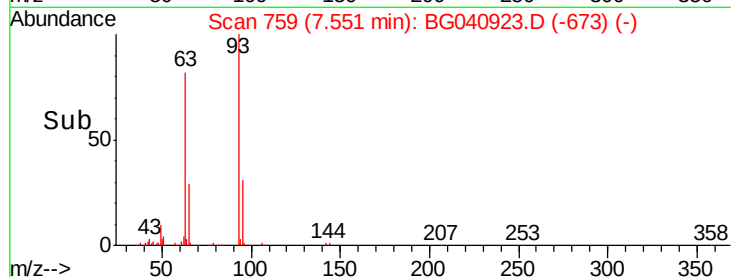
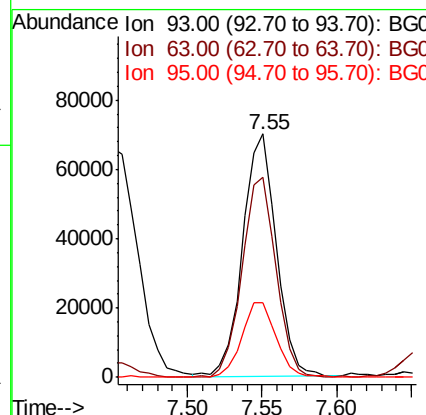
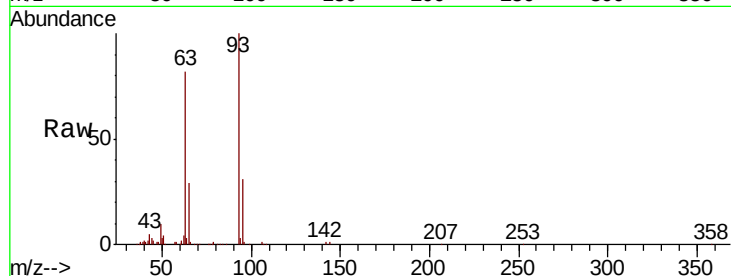
#11
bis(2-Chloroethyl)ether
Concen: 12.897 ng
RT: 7.55 min Scan# 759
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Instrument :
BNA_G
ClientSampleId :
IDOC-03

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.0	68.2	108.2
95	30.6	14.3	54.3

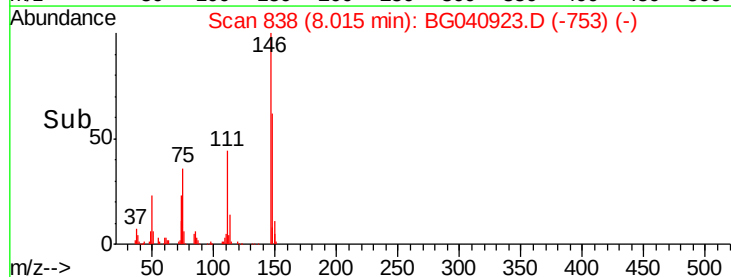
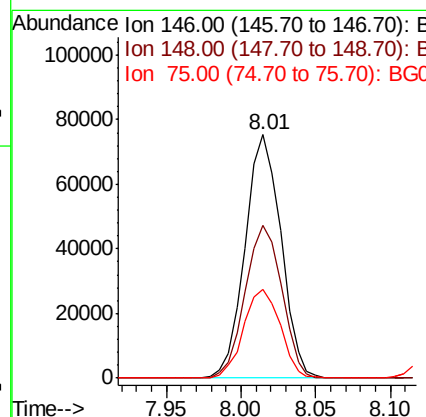
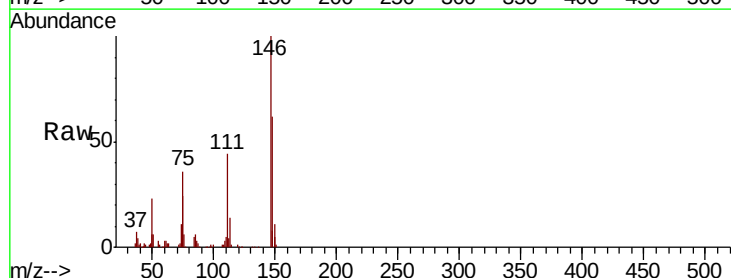
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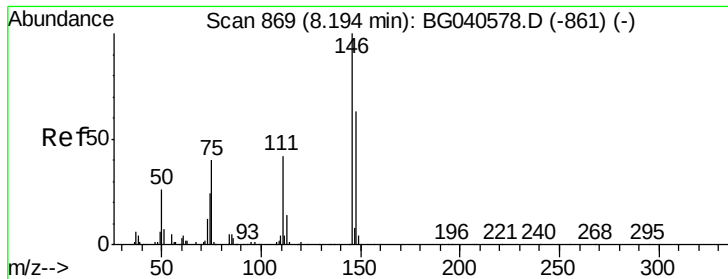
Sohil
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#12
1,3-Dichlorobenzene
Concen: 13.779 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

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





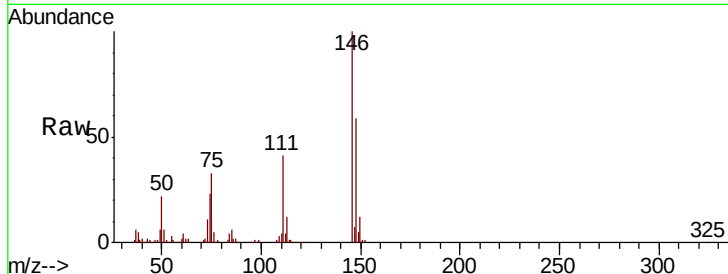
#13
 1,4-Dichlorobenzene
 Concen: 13.910 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Instrument :
 BNA_G
 ClientSampled :
 IDOC-03

Tot Ion	Ratio	Lower	Upper
146	100		
148	59.1	50.6	75.8
111	41.3	34.3	51.5

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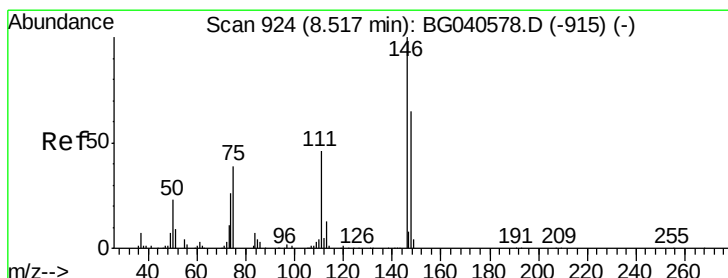
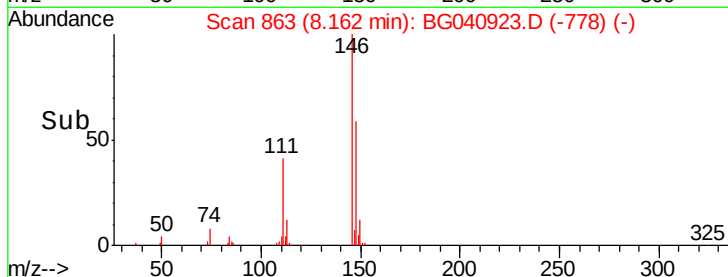
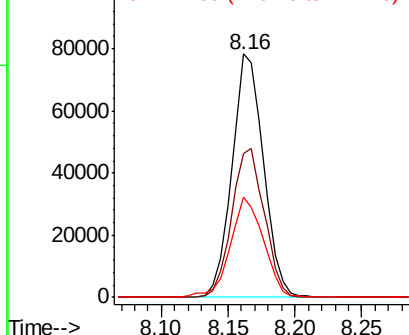


Abundance

Ion 146.00 (145.70 to 146.70): E

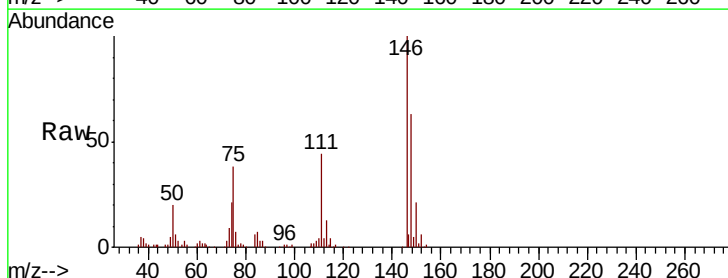
Ion 148.00 (147.70 to 148.70): E

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	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.4
111	43.8	37.4	56.0

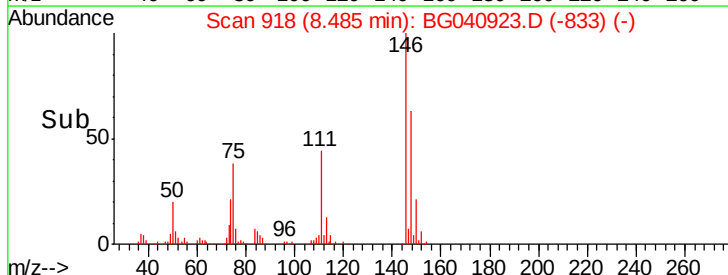
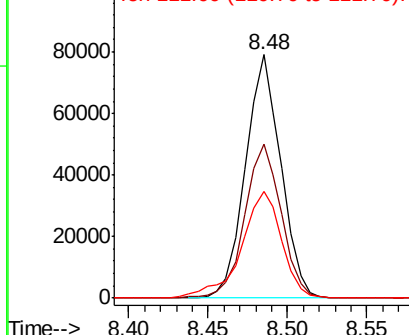


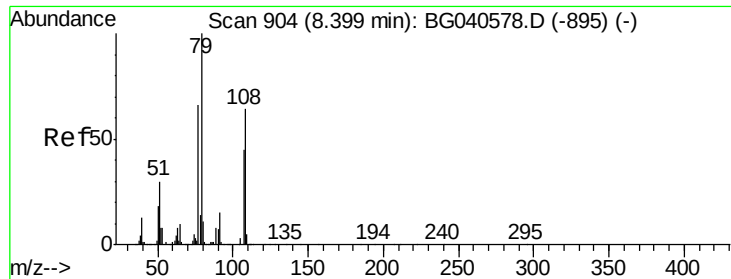
Abundance

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

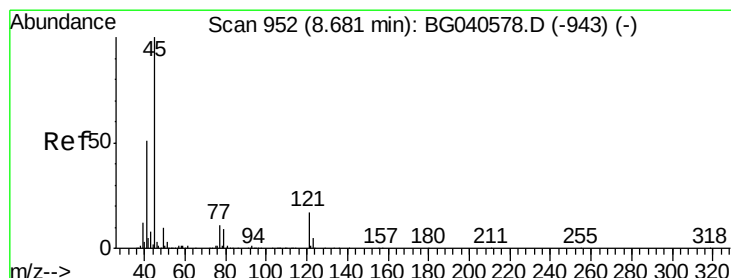
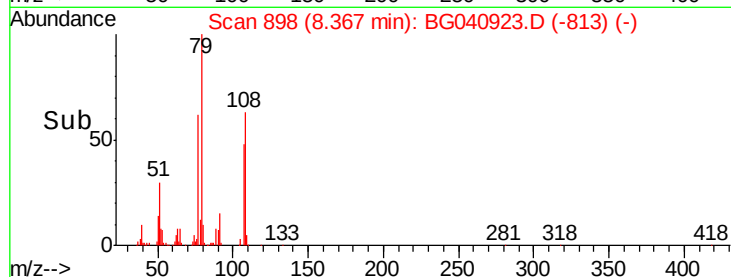
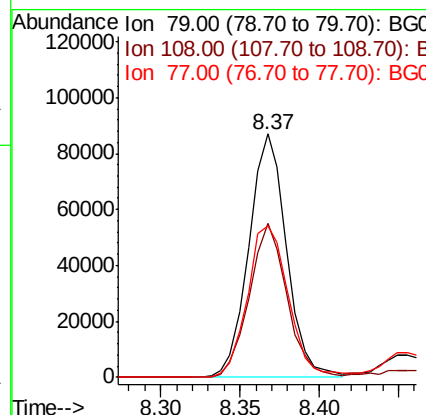
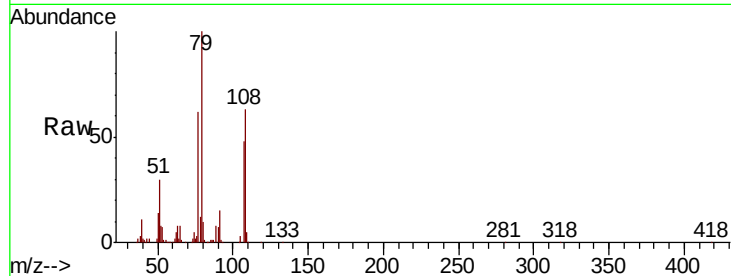
ClientSampled :

IDOC-03

Tot Ion	79	Resp	143600
Ion Ratio	Lower	Upper	
79	100		
108	63.2	51.4	77.0
77	62.0	52.6	79.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.283 ng

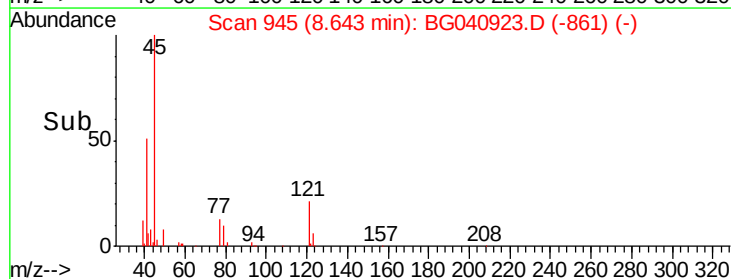
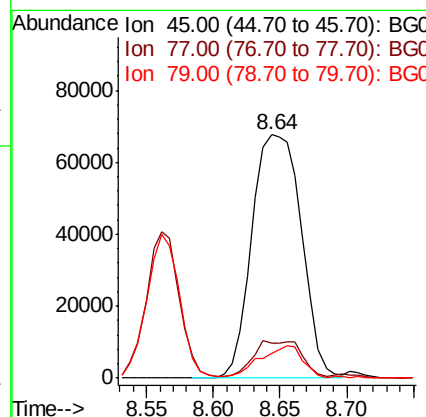
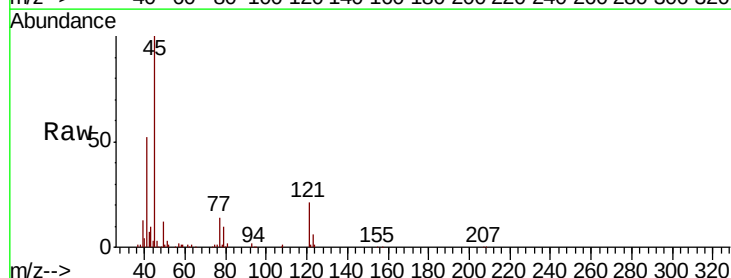
RT: 8.64 min Scan# 945

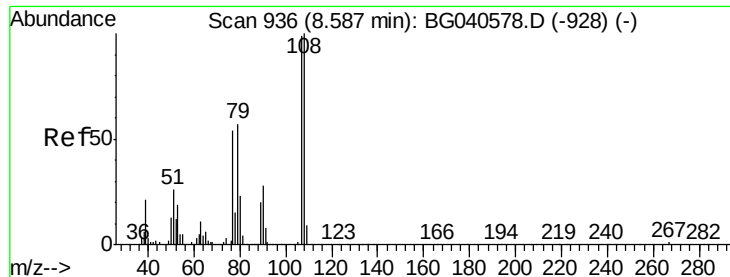
Delta R.T. -0.04 min

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





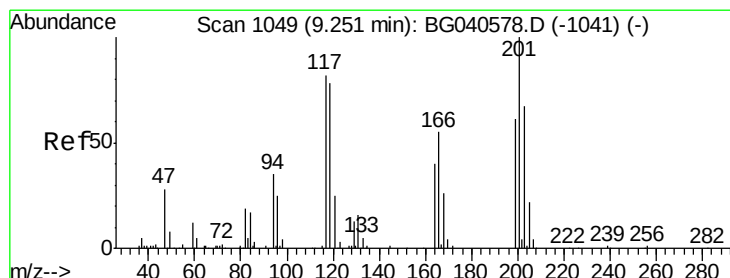
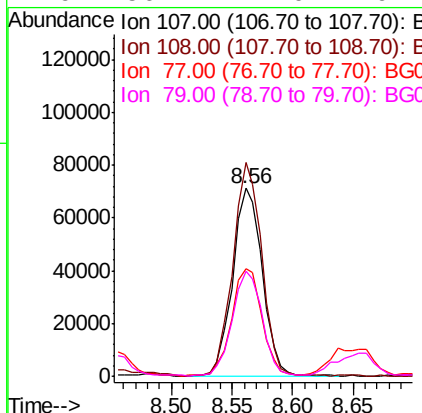
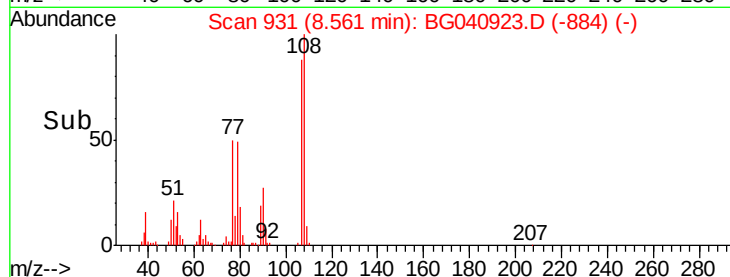
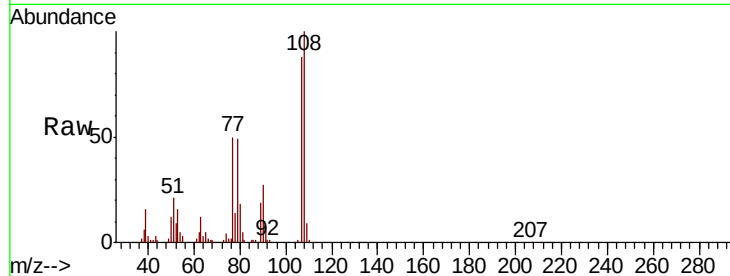
#17
2-Methylphenol
Concen: 15.256 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Instrument :
BNA_G
ClientSampleId :
IDOC-03

Tot Ion	Ratio	Resp	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	

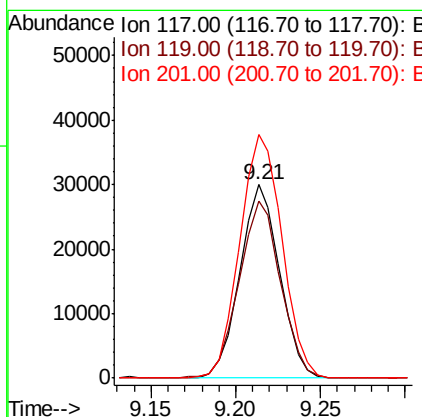
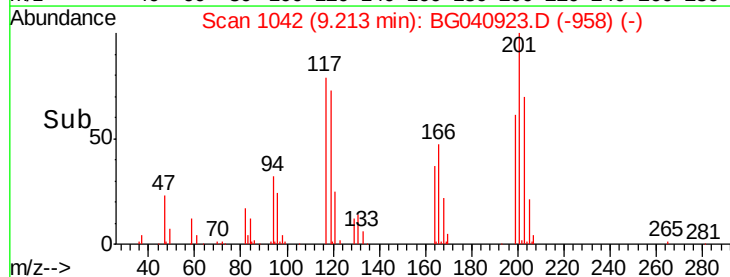
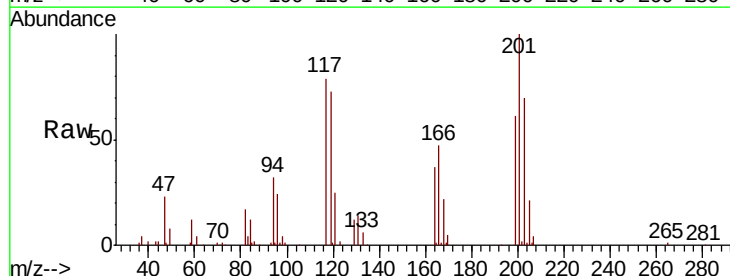
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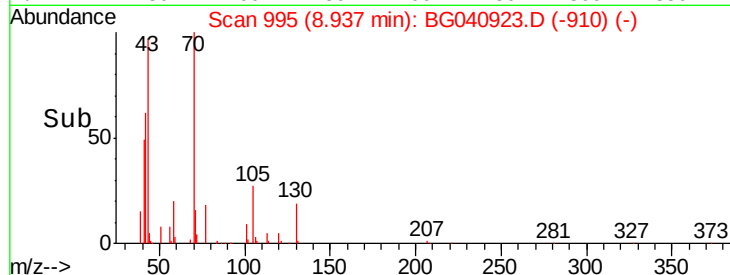
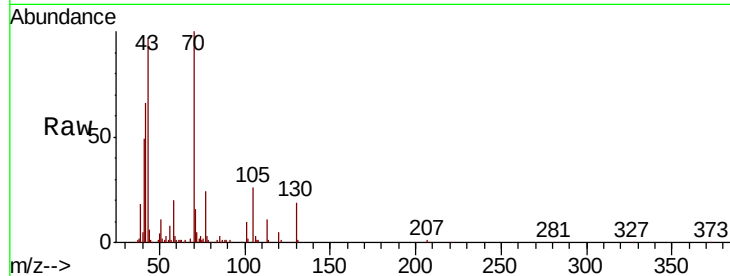
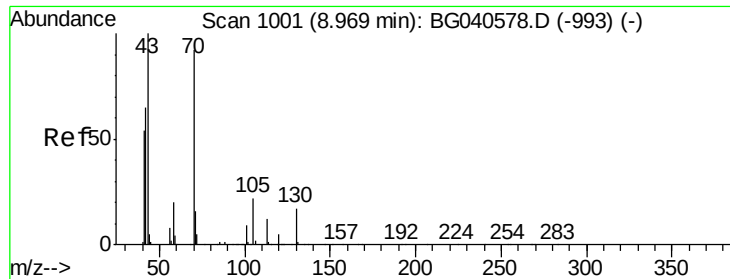
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#18
Hexachloroethane
Concen: 12.918 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.04 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

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





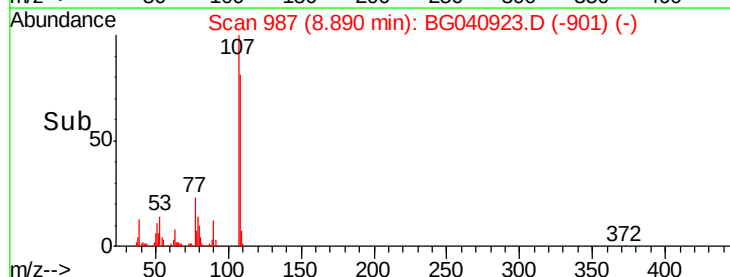
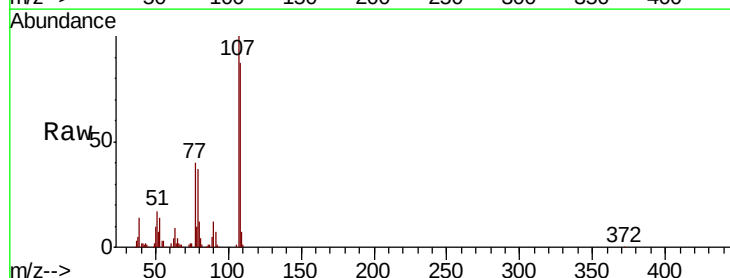
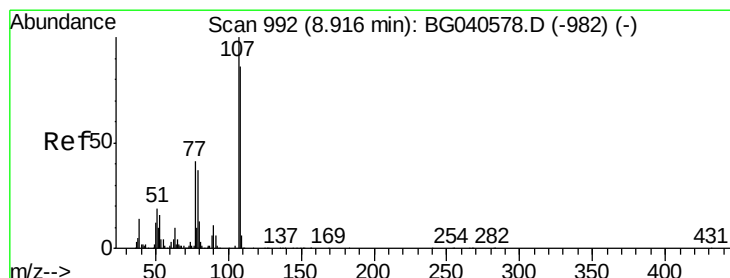
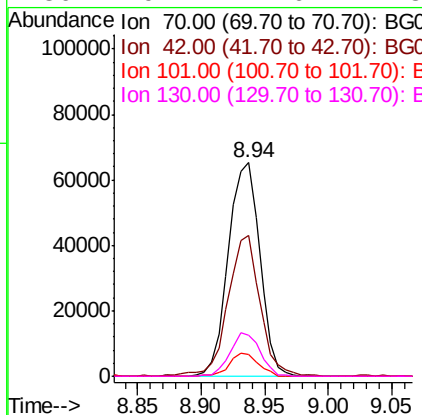
#19
n-Nitroso-di-n-propylamine
Concen: 11.863 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Instrument :
BNA_G
ClientSampled :
IDOC-03

Tot 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

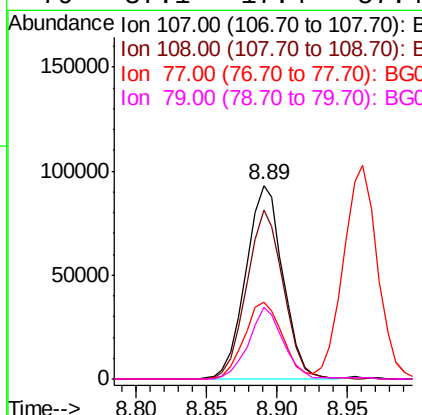
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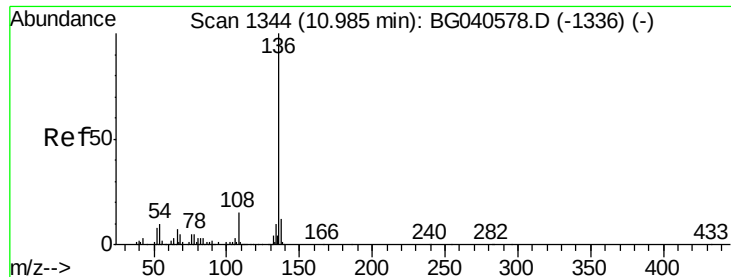
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#20
3+4-Methylphenols
Concen: 15.413 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Tgt Ion	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





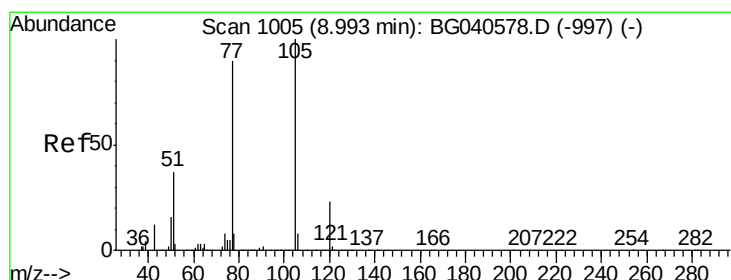
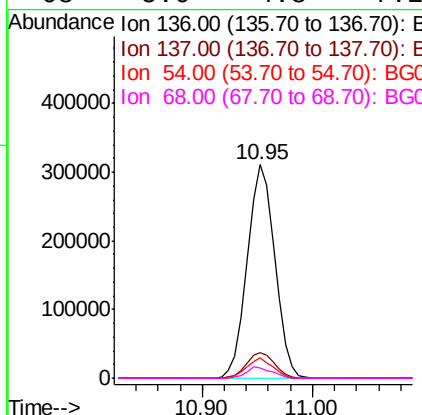
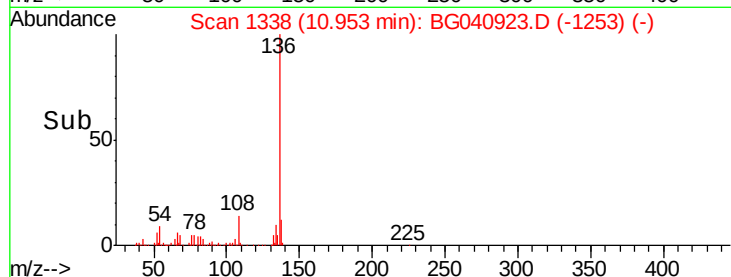
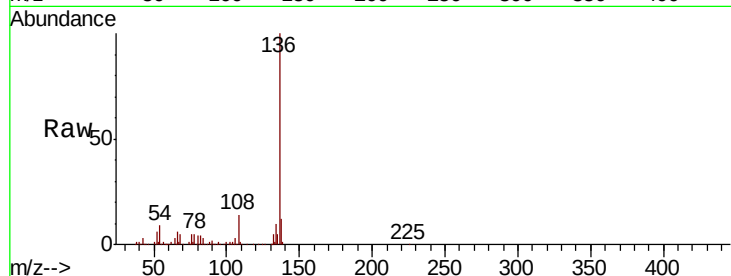
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Instrument :
BNA_G
ClientSampleId :
IDOC-03

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

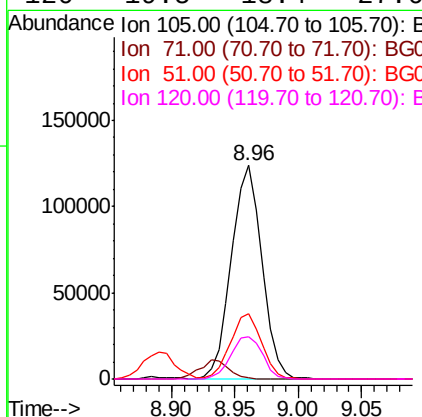
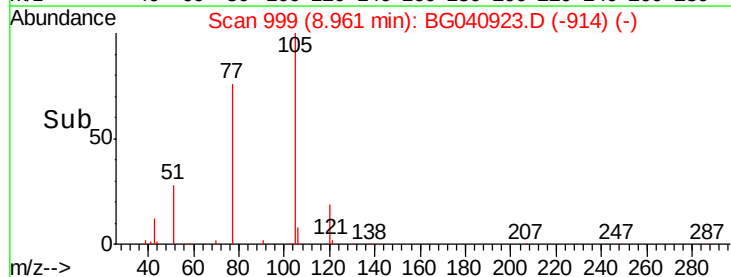
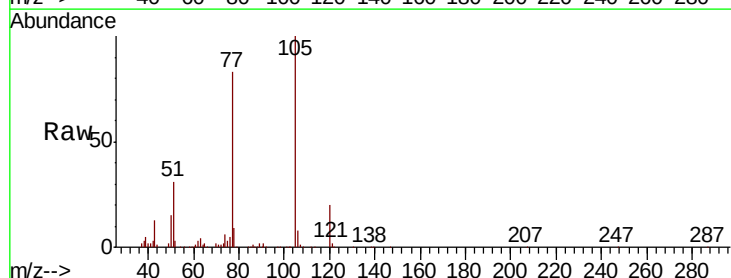
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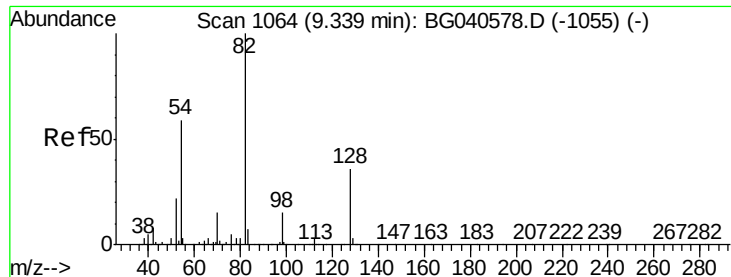
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#22
Acetophenone
Concen: 13.631 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

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





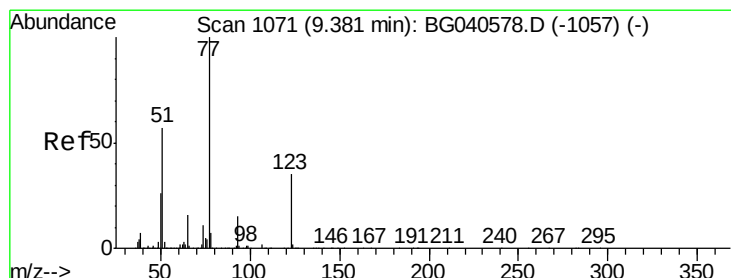
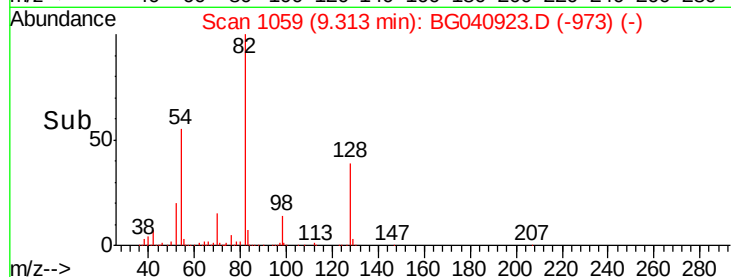
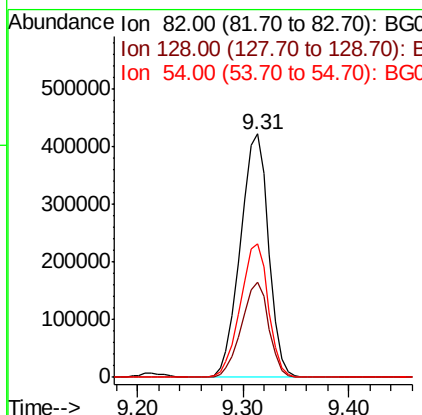
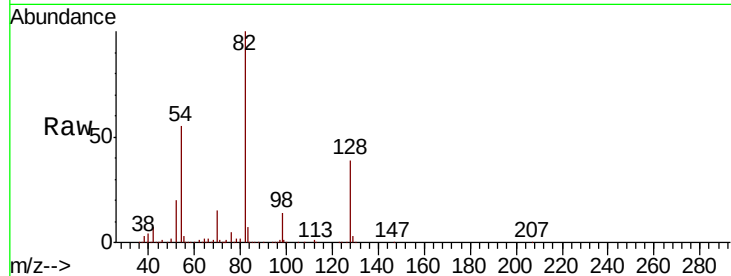
#23
 Nitrobenzene-d5
 Concen: 66.233 ng
 RT: 9.31 min Scan# 1059
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Instrument :
 BNA_G
 ClientSampled :
 IDOC-03

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

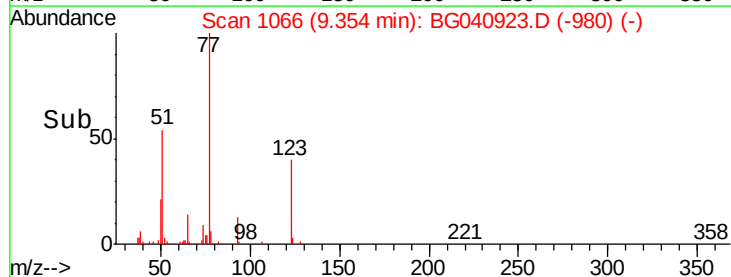
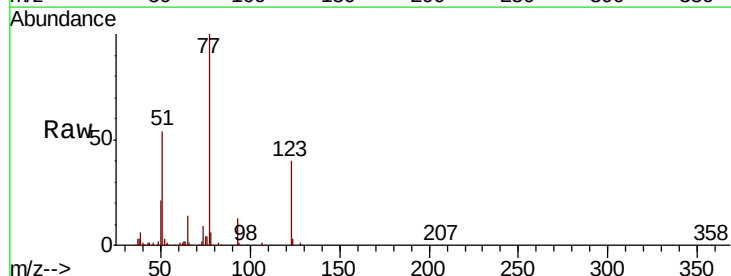
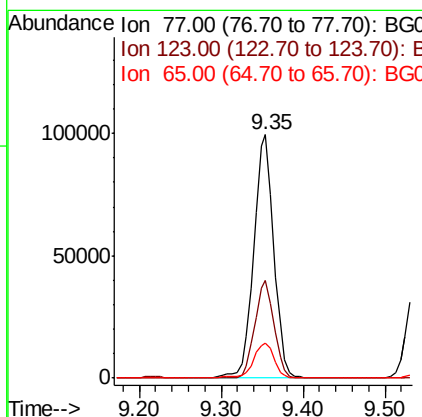
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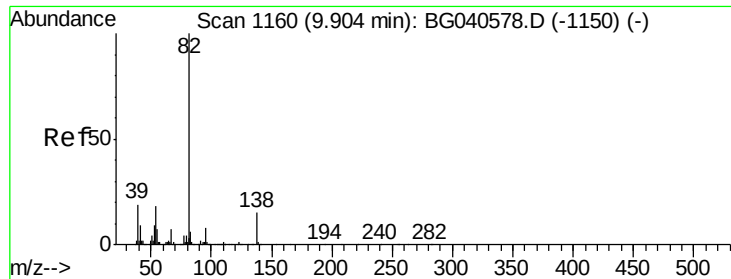
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#24
 Nitrobenzene
 Concen: 13.443 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

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





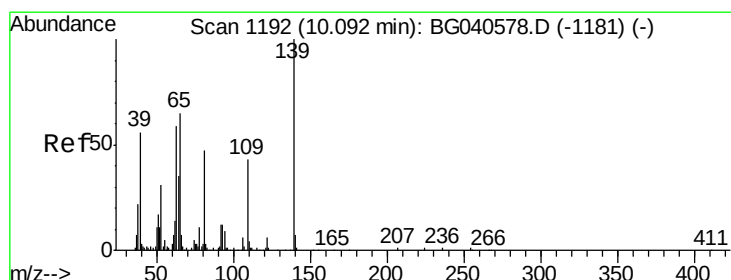
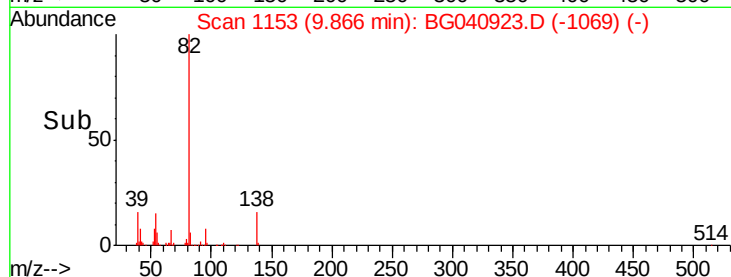
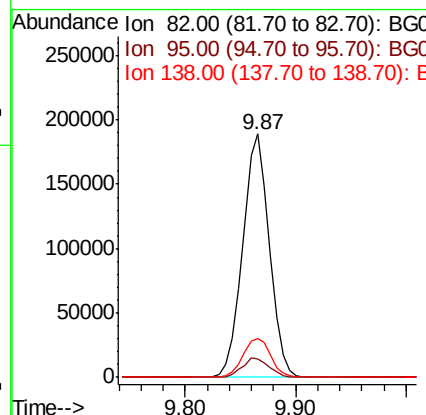
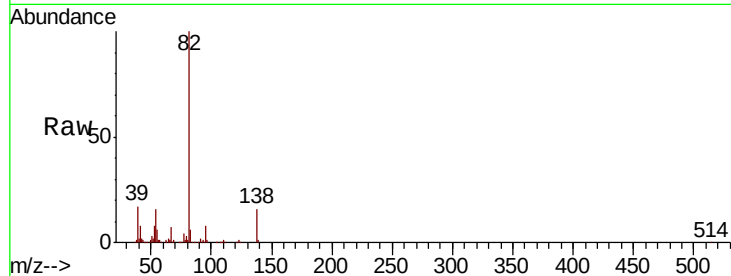
#25
Isophorone
Concen: 12.149 ng
RT: 9.87 min Scan# 1153
Delta R.T. -0.04 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Instrument :
BNA_G
ClientSampled :
IDOC-03

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.9	10.3
138	15.7	12.3	18.5

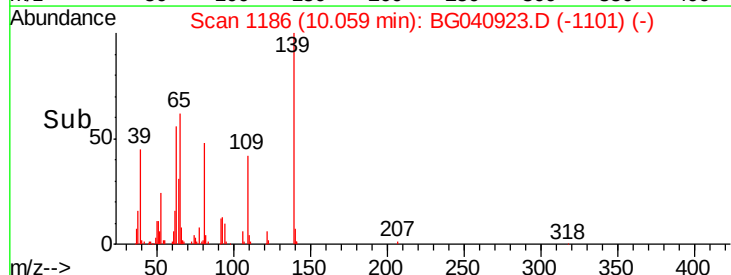
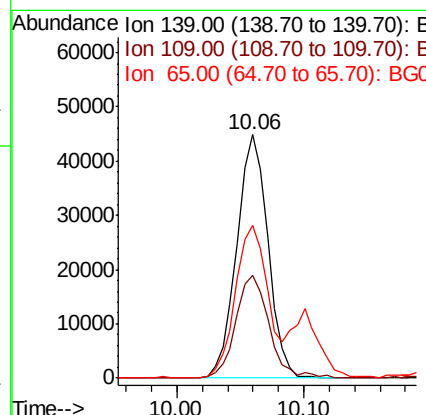
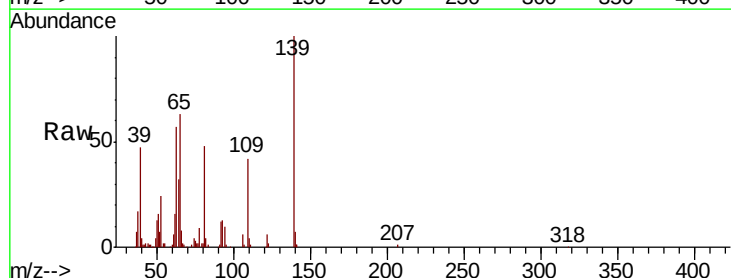
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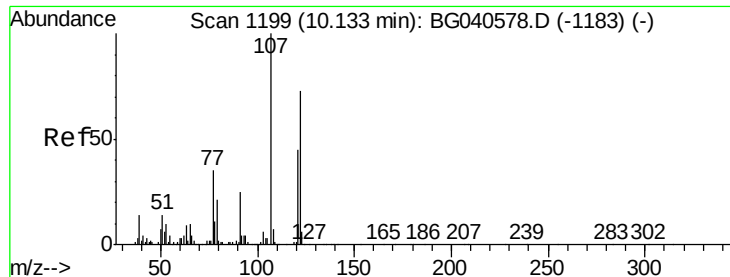
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#26
2-Nitrophenol
Concen: 16.827 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

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





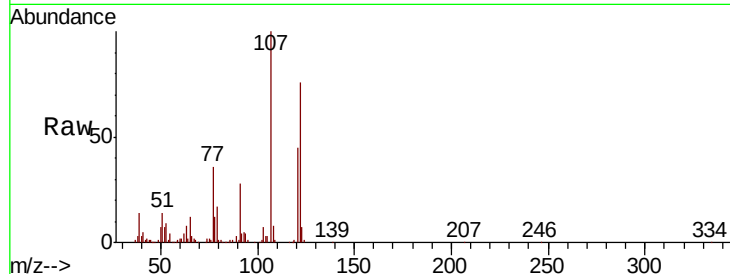
#27
 2,4-Dimethylphenol
 Concen: 16.790 ng
 RT: 10.10 min Scan# 1193
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Instrument :
 BNA_G
 ClientSampled :
 IDOC-03

Tot Ion	Ratio	Resp	Lower	Upper
122	100	142476		
107	132.3	110.1	165.1	
121	59.6	49.4	74.0	

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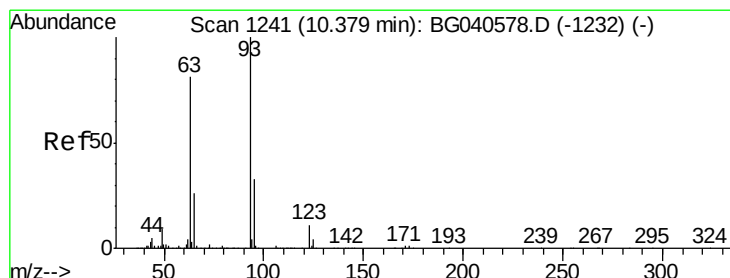
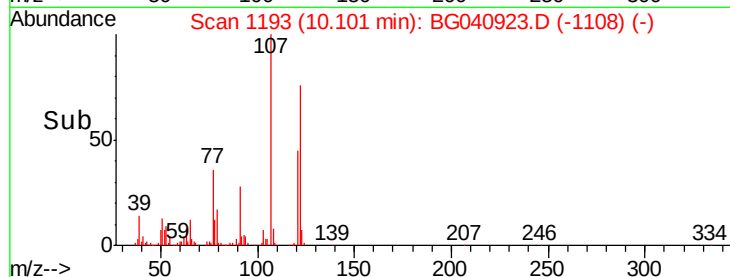
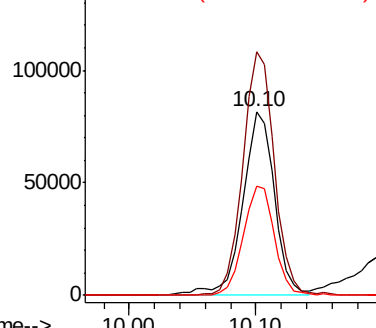


Abundance

Ion 122.00 (121.70 to 122.70): E

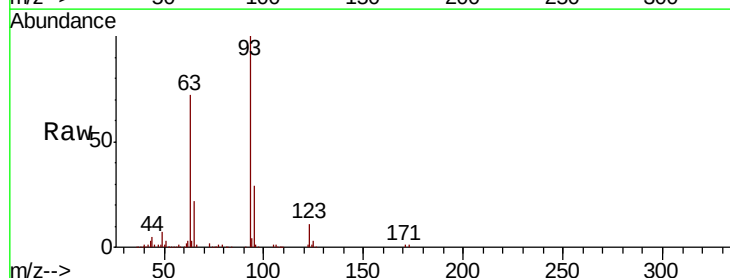
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 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	Resp	Lower	Upper
93	100	167625		
95	29.1	26.6	40.0	
123	11.2	9.0	13.4	

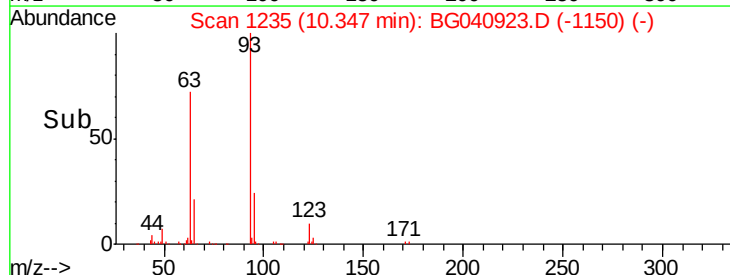
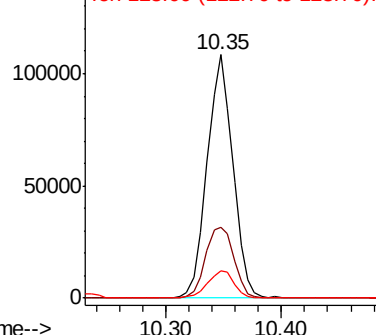


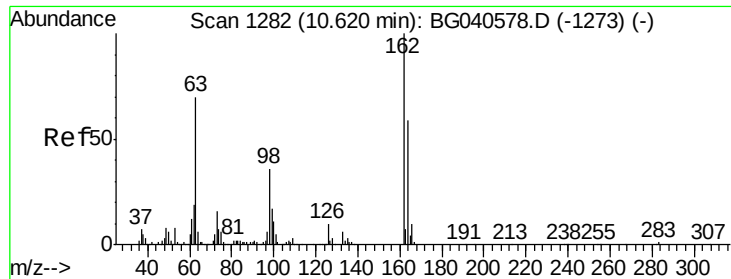
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





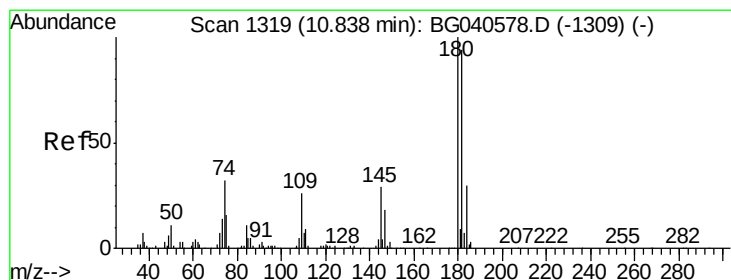
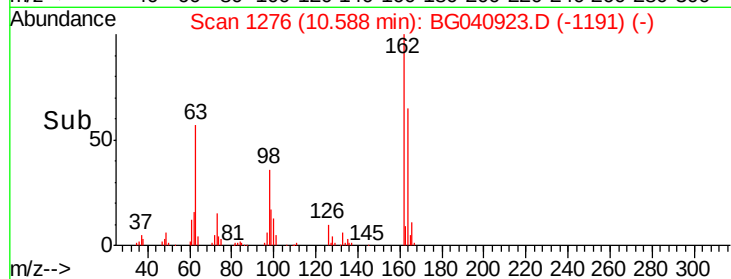
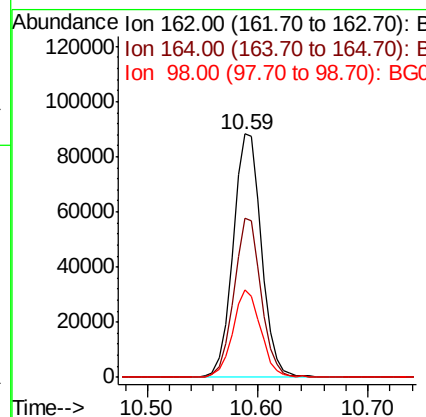
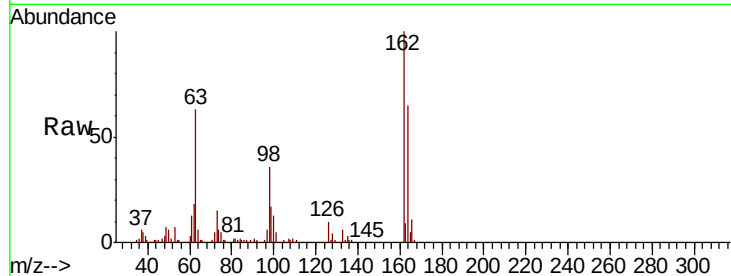
#29
 2,4-Dichlorophenol
 Concen: 16.468 ng
 RT: 10.59 min Scan# 1276
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Instrument :
 BNA_G
 ClientSampled :
 IDOC-03

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

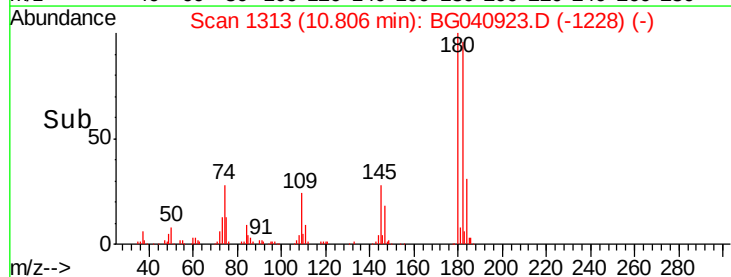
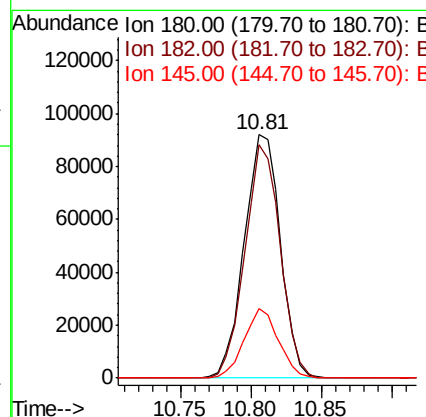
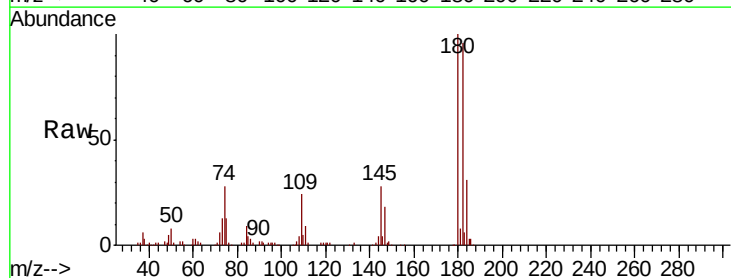
Manual Integrations
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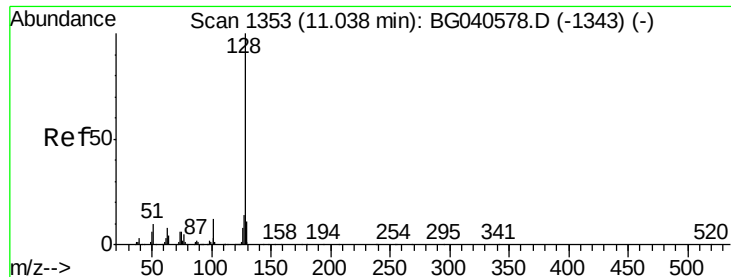
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#30
 1,2,4-Trichlorobenzene
 Concen: 15.436 ng
 RT: 10.81 min Scan# 1313
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

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





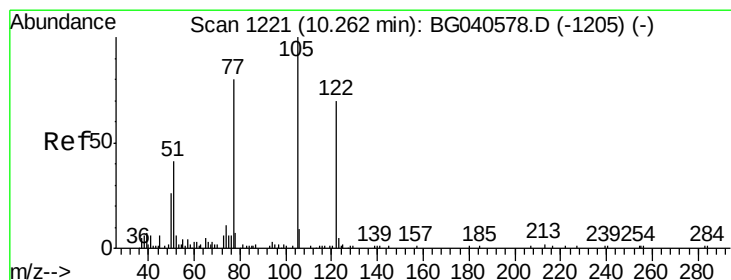
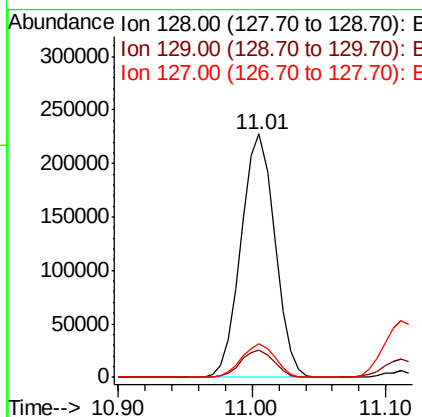
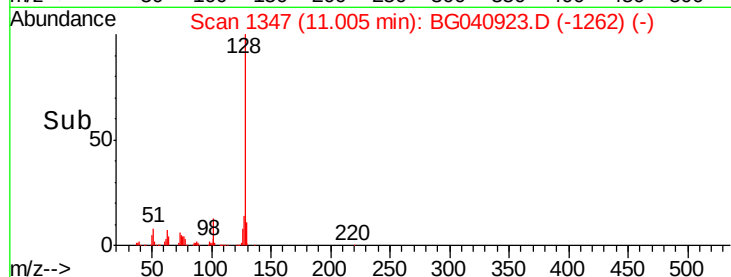
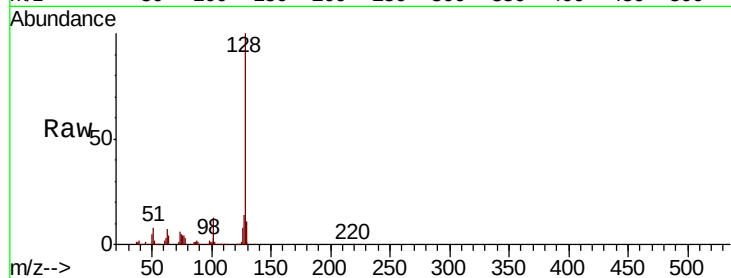
#31
Naphthalene
Concen: 13.717 ng
RT: 11.01 min Scan# 1347
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Instrument :
BNA_G
ClientSampleId :
IDOC-03

Tot Ion	Ratio	Resp	Lower	Upper
128	100	398206		
129	11.4		9.0	13.6
127	14.1		11.3	16.9

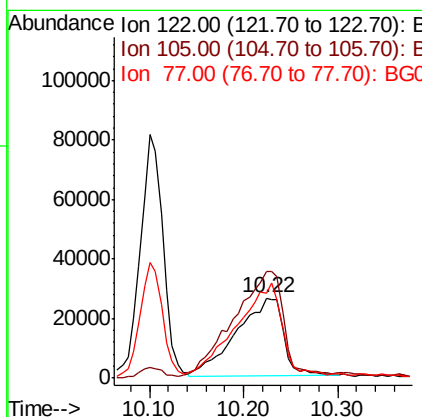
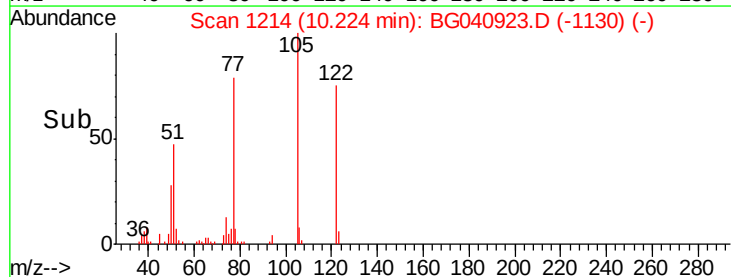
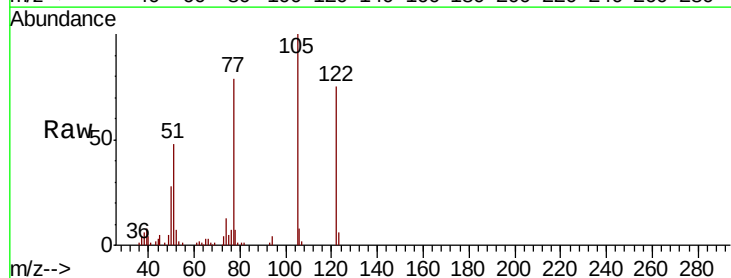
Manual Integrations
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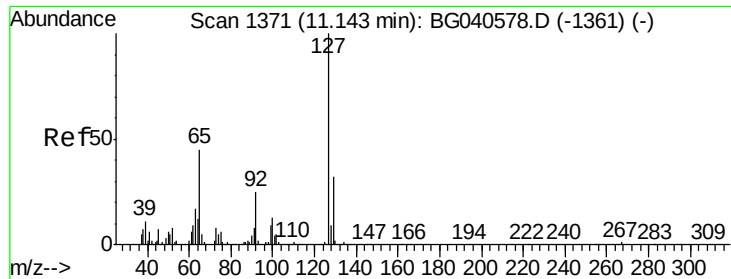
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#32
Benzoic acid
Concen: 15.736 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.04 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	91414		
105	133.7		110.9	150.9
77	106.0		87.6	127.6





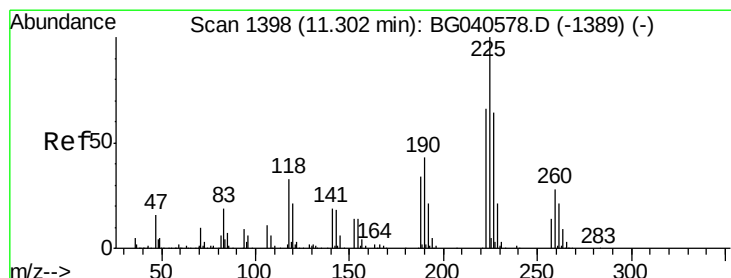
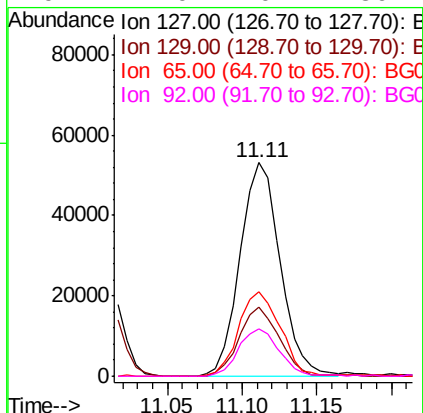
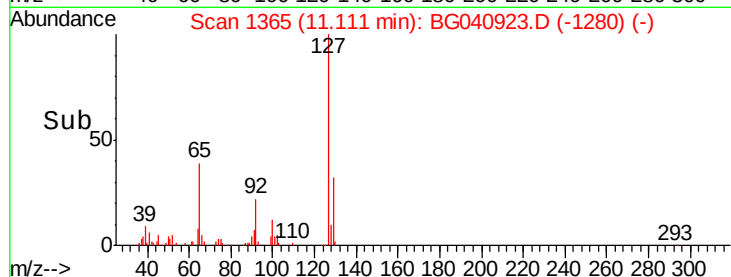
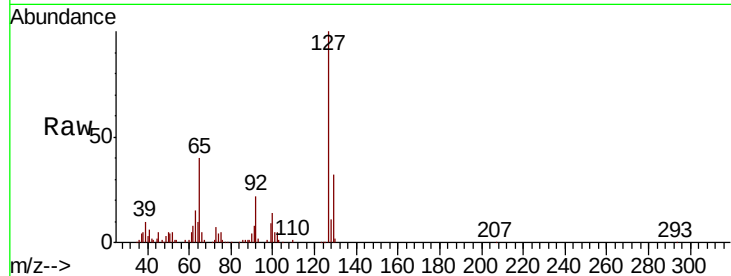
#33
4-Chloroaniline
Concen: 7.707 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Instrument :
BNA_G
ClientSampleId :
IDOC-03

Tot 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

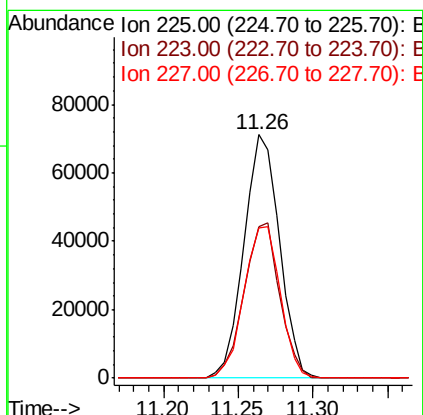
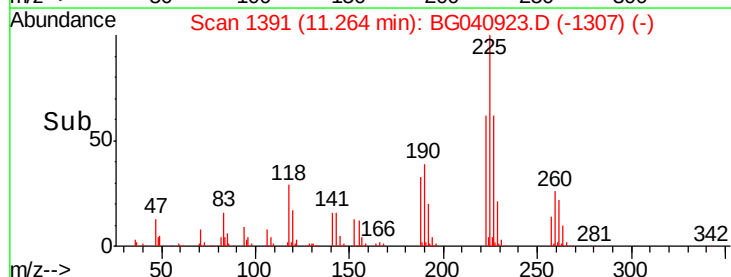
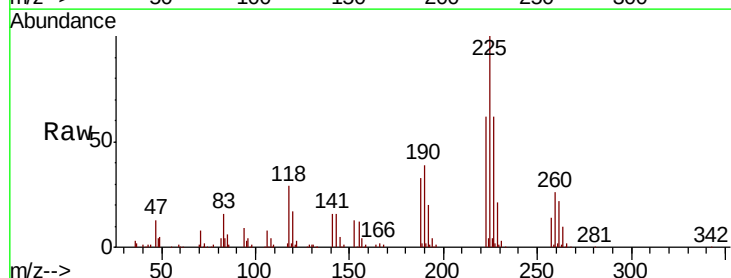
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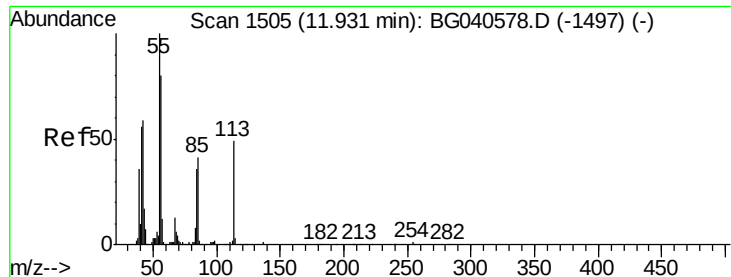
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#34
Hexachlorobutadiene
Concen: 14.827 ng
RT: 11.26 min Scan# 1391
Delta R.T. -0.04 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

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





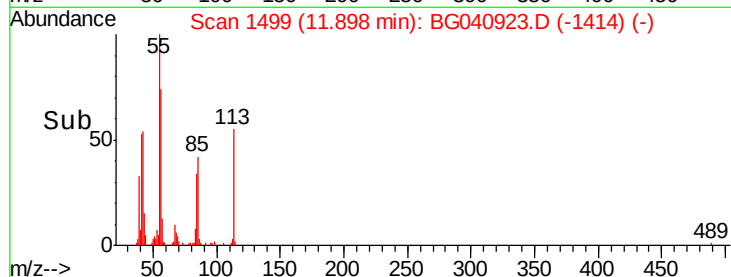
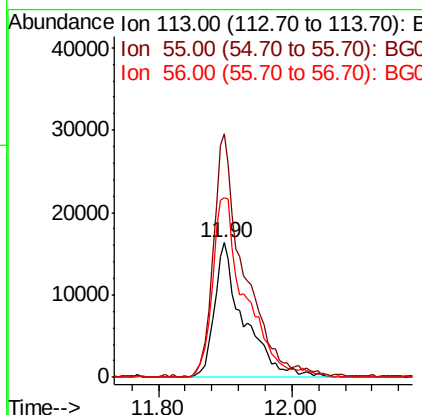
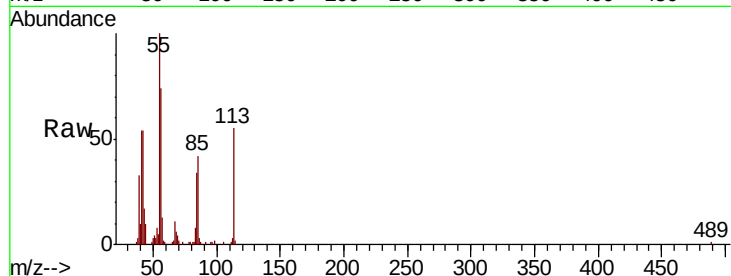
#35
 Caprolactam
 Concen: 13.239 ng
 RT: 11.90 min Scan# 1499
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Instrument :
 BNA_G
 ClientSampled :
 IDOC-03

Tot Ion	Ratio	Lower	Upper
113	100		
55	180.7	198.6	238.6#
56	133.3	148.4	188.4#

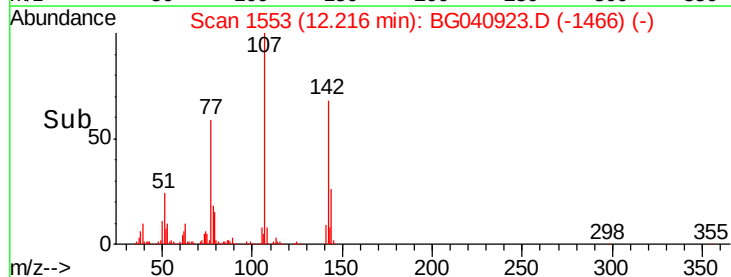
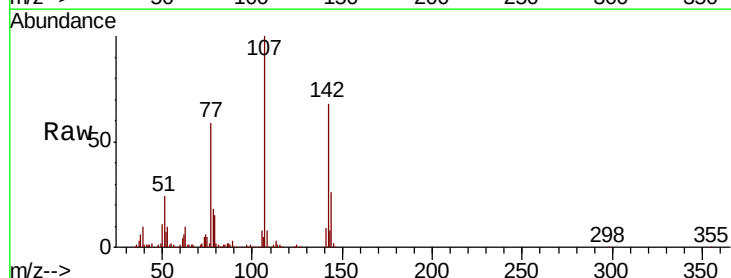
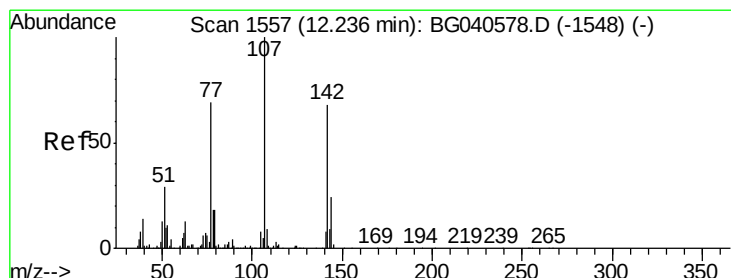
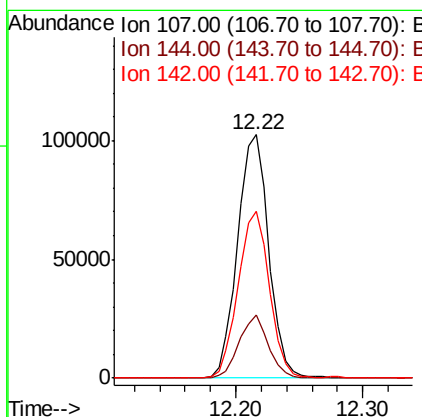
Manual Integrations
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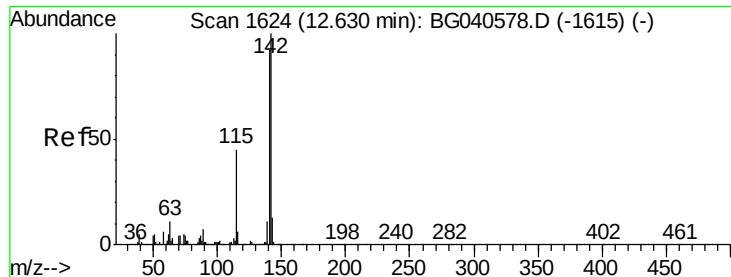
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#36
 4-Chloro-3-methylphenol
 Concen: 14.360 ng
 RT: 12.22 min Scan# 1553
 Delta R.T. -0.02 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	19.3	28.9
142	68.3	54.6	81.8





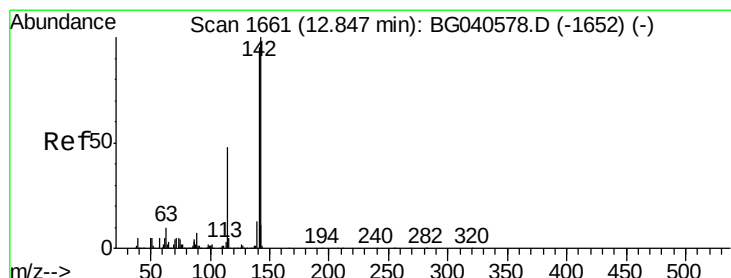
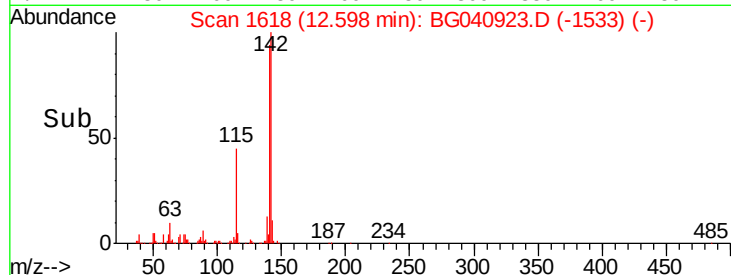
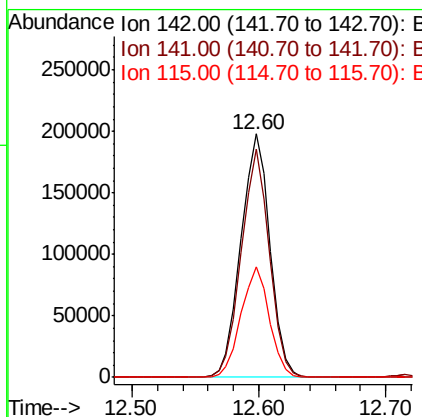
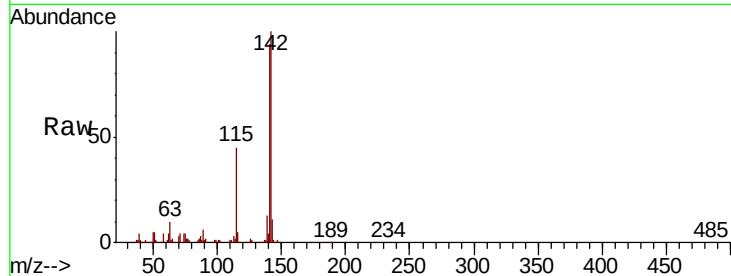
#37
 2-Methylnaphthalene
 Concen: 14.440 ng
 RT: 12.60 min Scan# 1618
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Instrument :
 BNA_G
 ClientSampled :
 IDOC-03

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.4	110.2
115	45.3	36.2	54.4

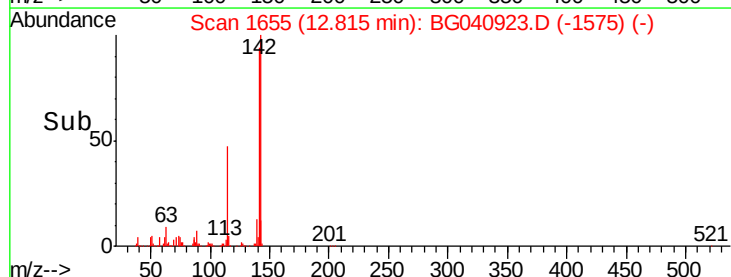
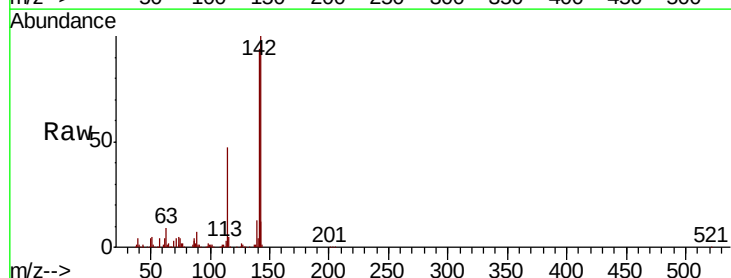
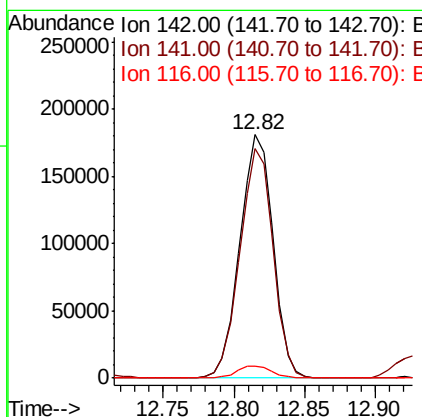
Manual Integrations
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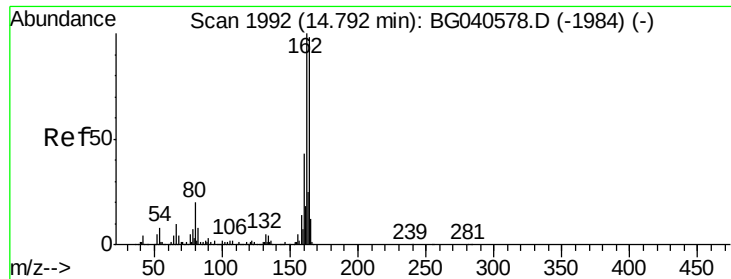
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#38
 1-Methylnaphthalene
 Concen: 14.039 ng
 RT: 12.82 min Scan# 1655
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Tgt Ion	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

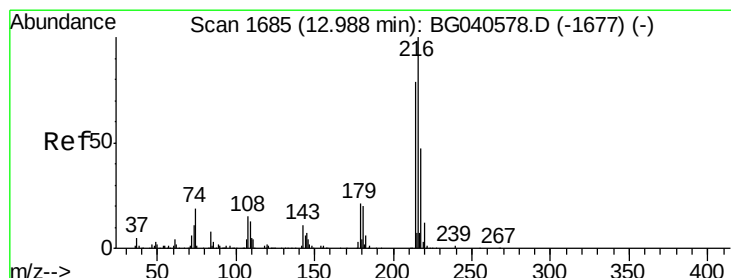
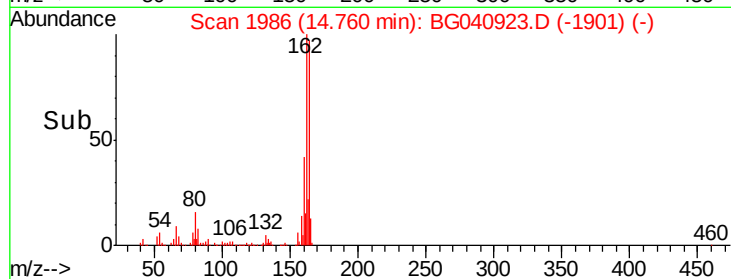
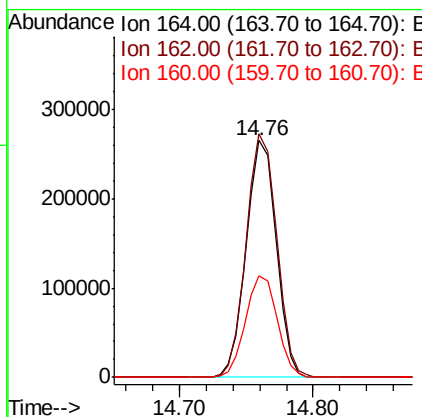
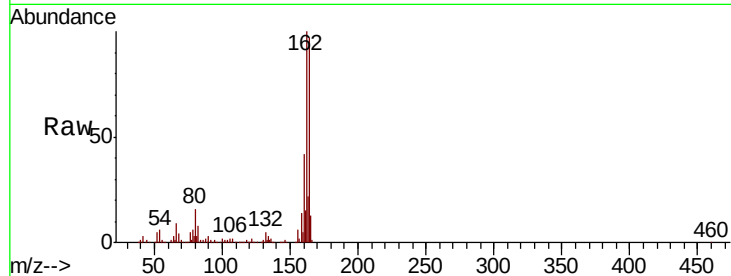
ClientSampleId :

IDOC-03

Tot Ion:	164	Resp:	411591
Ion Ratio	Lower	Upper	
164	100		
162	102.7	81.9	122.9
160	42.8	35.4	53.2

Manual Integrations
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 14.846 ng

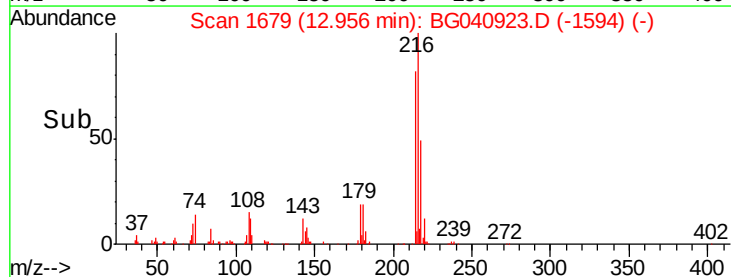
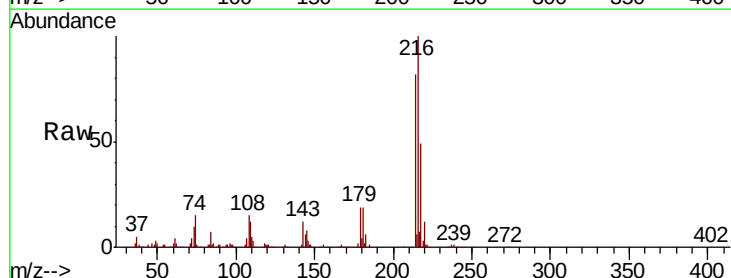
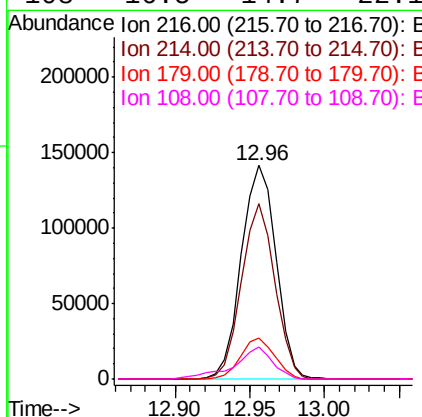
RT: 12.96 min Scan# 1679

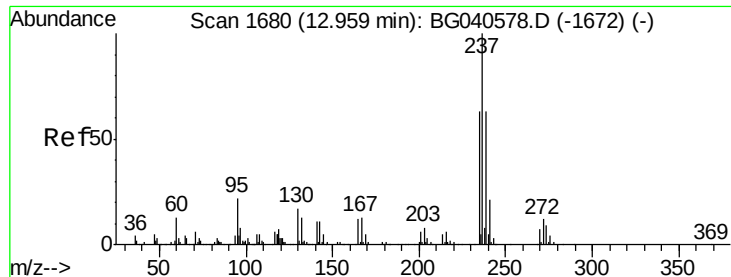
Delta R.T. -0.03 min

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





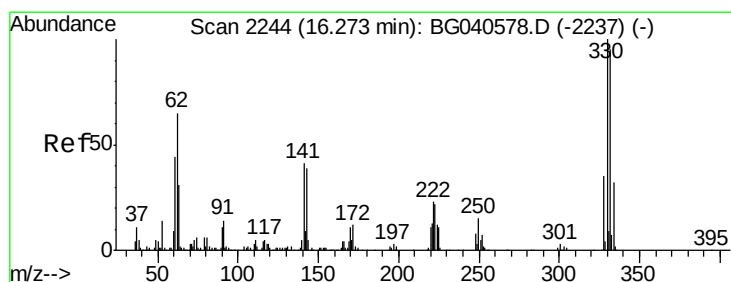
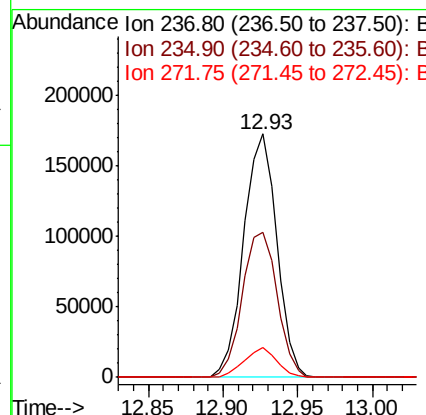
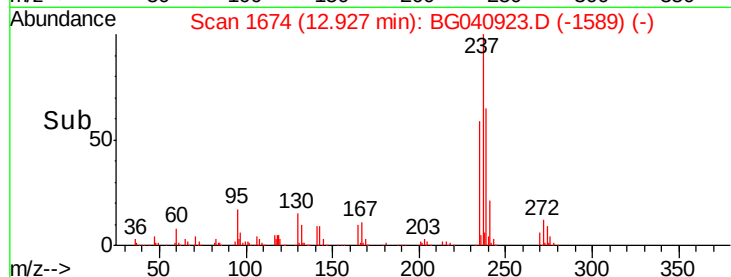
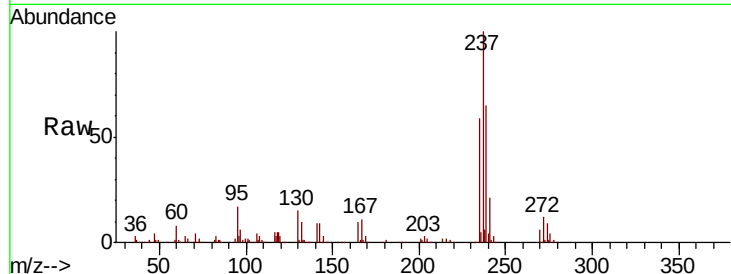
#41
Hexachlorocyclopentadiene
Concen: 29.254 ng
RT: 12.93 min Scan# 1674
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Instrument :
BNA_G
ClientSampleId :
IDOC-03

Tot Ion:	237	Resp:	264677
Ion Ratio	Lower	Upper	
237	100		
235	59.5	42.5	82.5
272	12.5	0.0	31.6

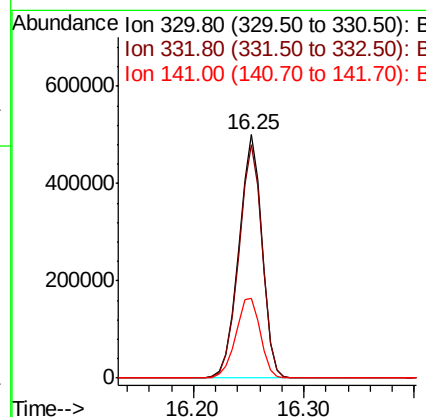
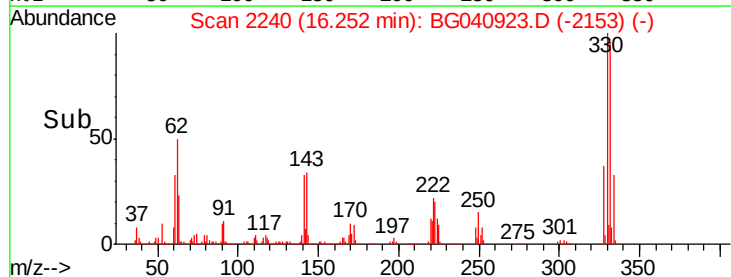
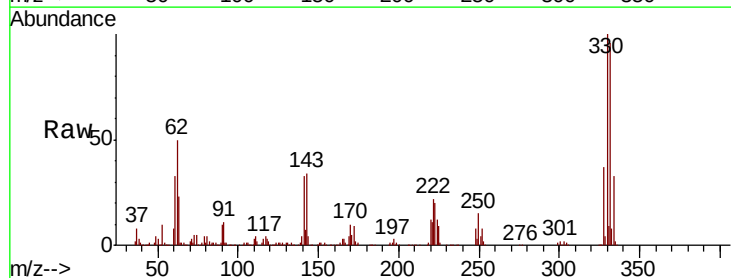
Manual Integrations
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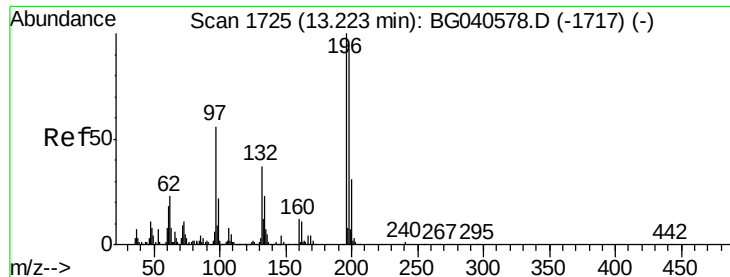
Sohil
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#42
2,4,6-Tribromophenol
Concen: 130.815 ng
RT: 16.25 min Scan# 2240
Delta R.T. -0.02 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

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





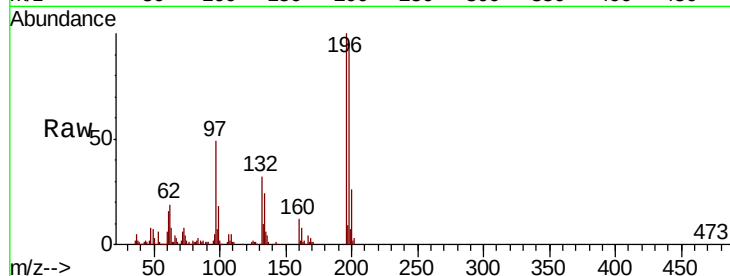
#43
 2,4,6-Trichlorophenol
 Concen: 16.270 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Instrument :
 BNA_G
 ClientSampled :
 IDOC-03

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

Manual Integrations
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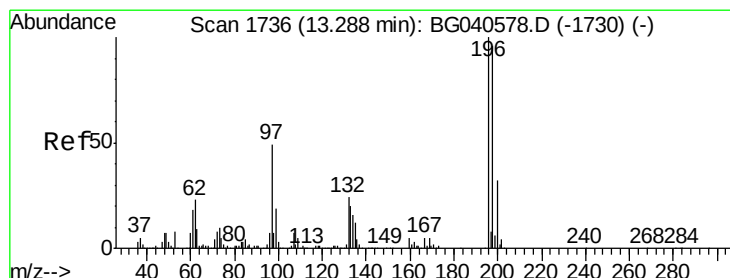
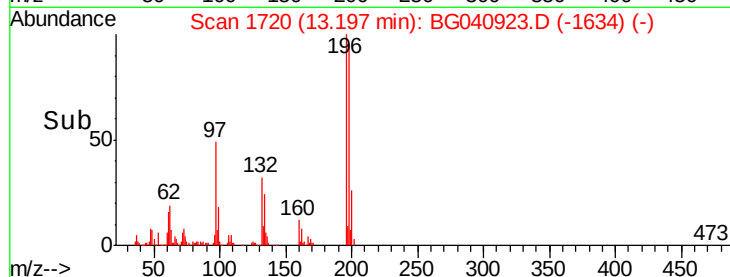
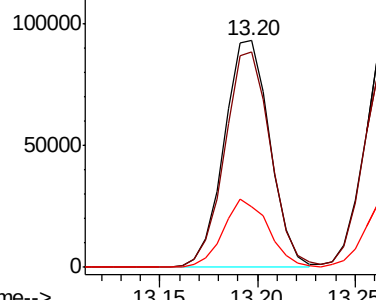


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



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

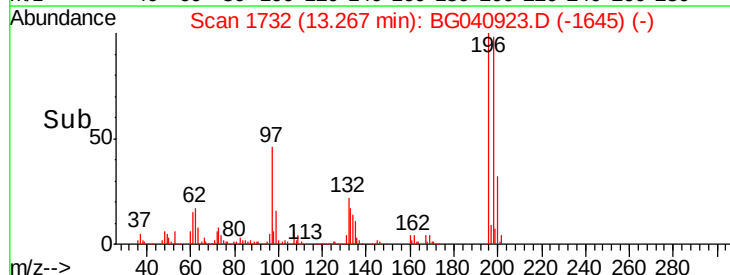
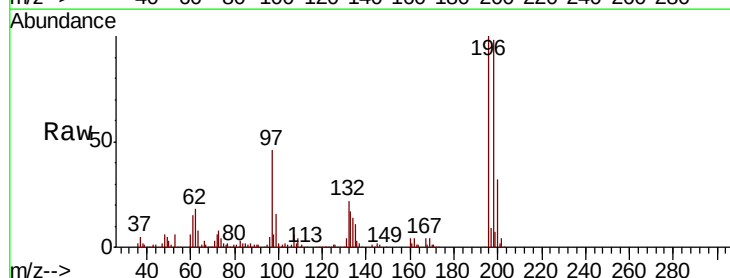
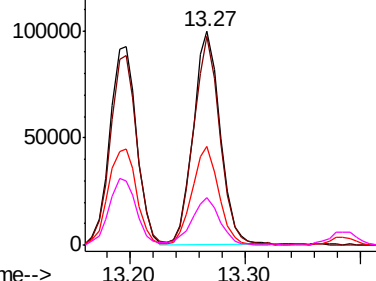
Abundance

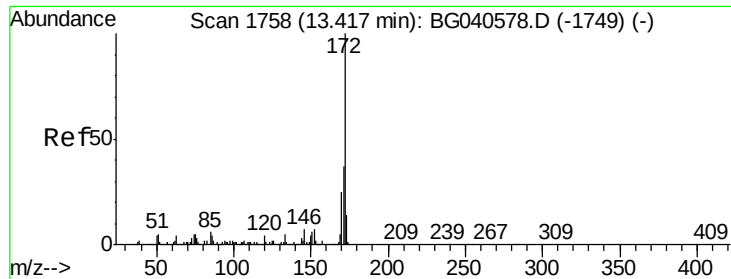
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





#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

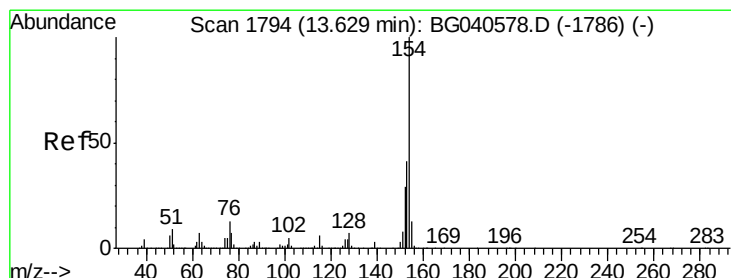
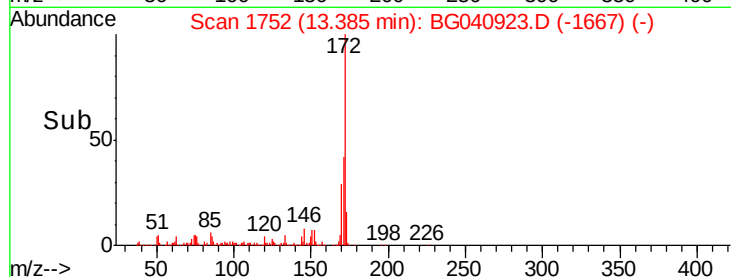
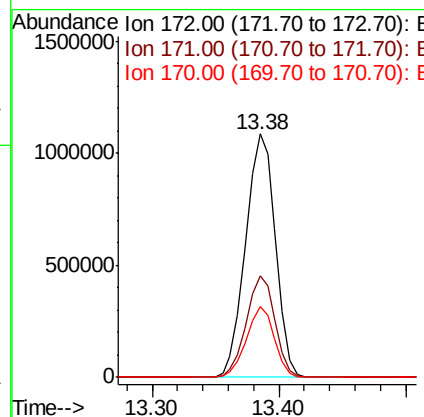
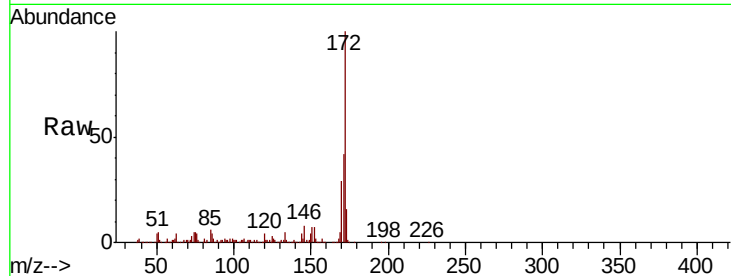
ClientSampled :

IDOC-03

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

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#46

1,1'-Biphenyl

Concen: 13.154 ng

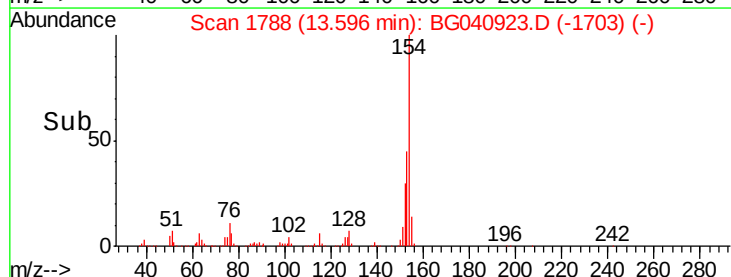
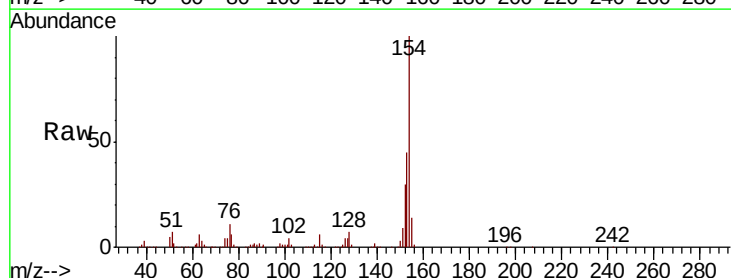
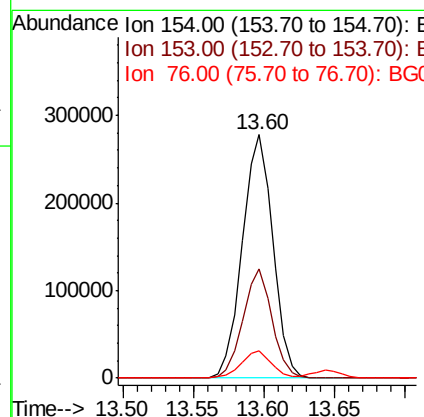
RT: 13.60 min Scan# 1788

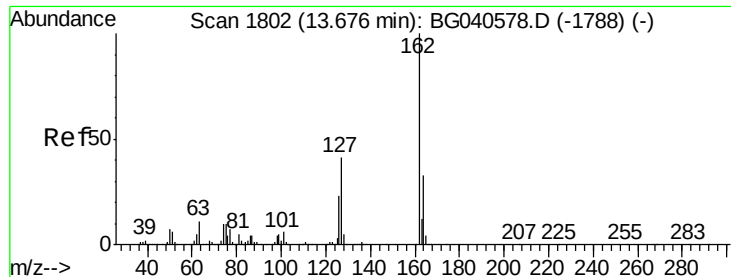
Delta R.T. -0.03 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

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





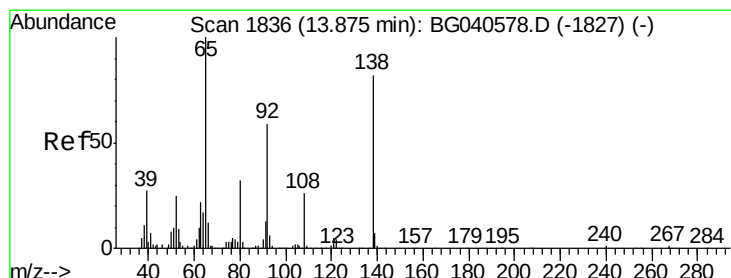
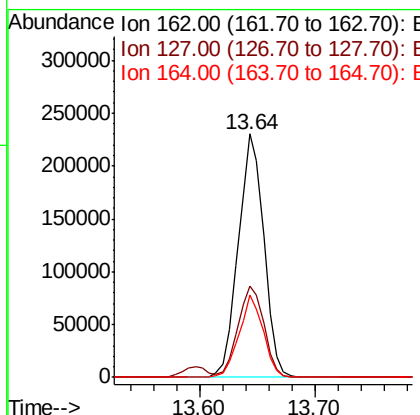
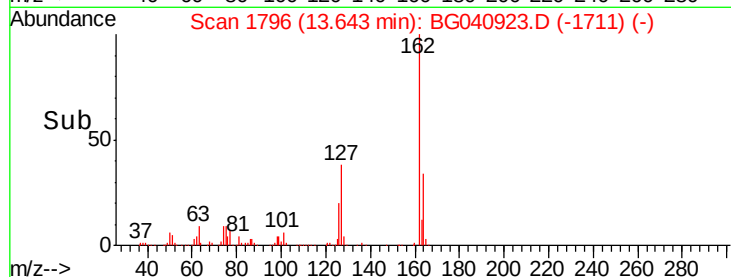
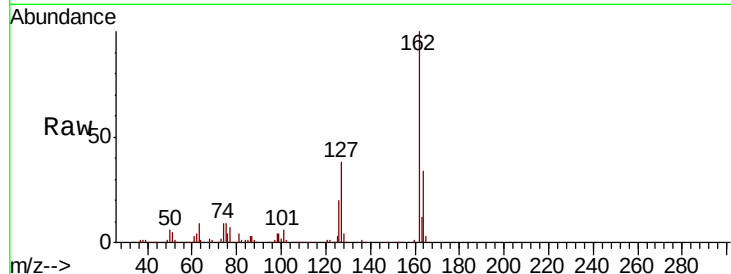
#47
 2-Chloronaphthalene
 Concen: 14.059 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-03

Tot Ion	Ratio	Resp	Lower	Upper
162	100	351596		
127	37.7		33.0	49.4
164	33.7		26.8	40.2

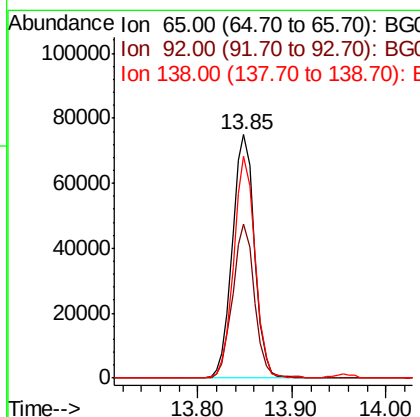
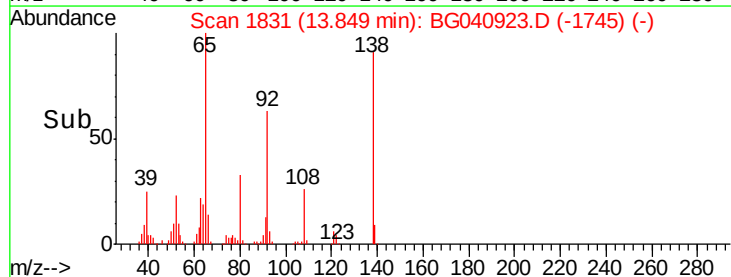
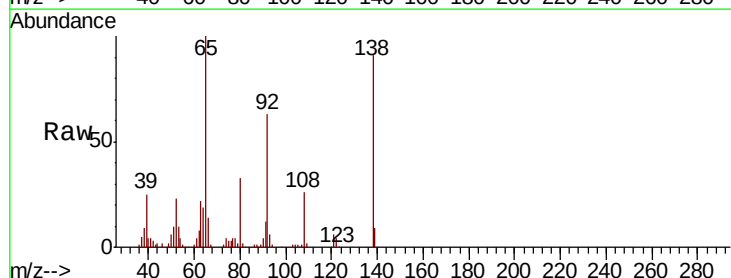
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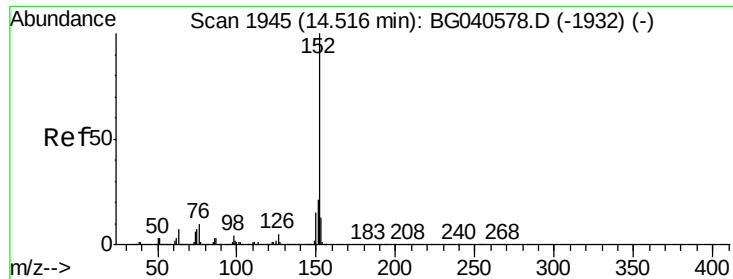
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#48
 2-Nitroaniline
 Concen: 13.764 ng
 RT: 13.85 min Scan# 1831
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	122531		
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

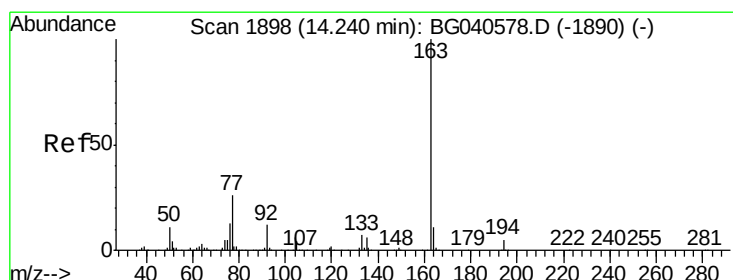
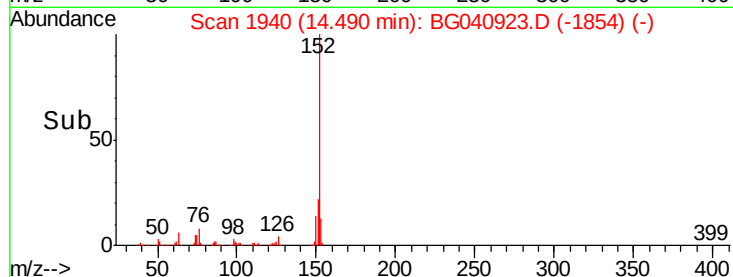
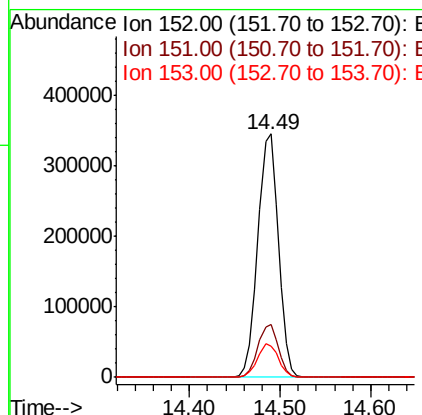
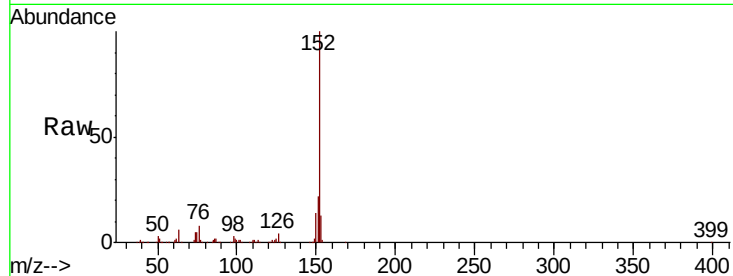
ClientSampleId :

IDOC-03

Tot Ion:	152	Resp:	546554
Ion Ratio	Lower	Upper	
152	100		
151	21.7	17.2	25.8
153	12.7	10.7	16.1

Manual Integrations
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#50

Dimethylphthalate

Concen: 13.359 ng

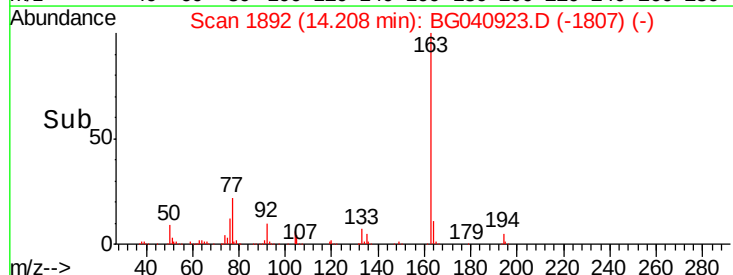
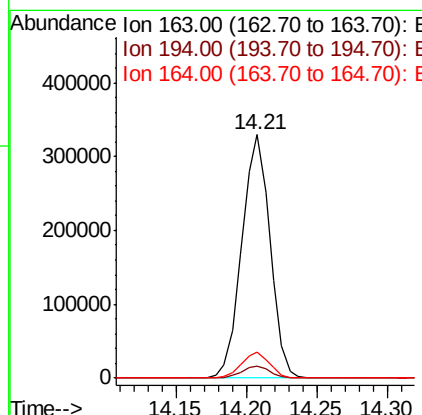
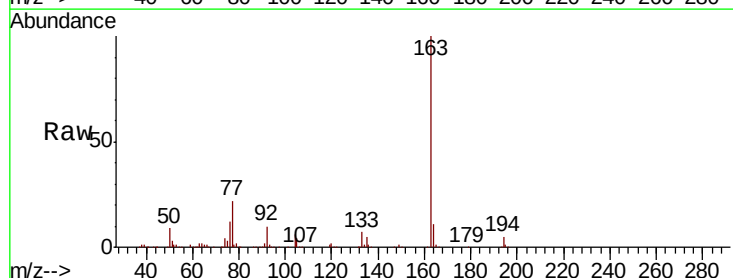
RT: 14.21 min Scan# 1892

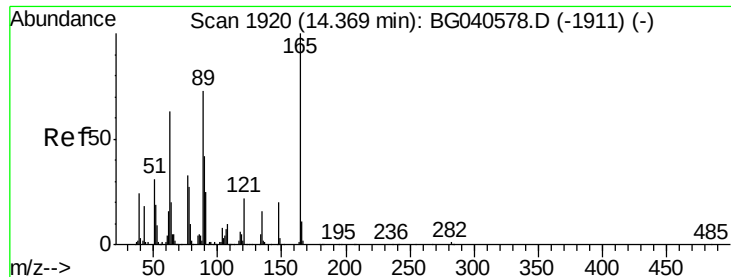
Delta R.T. -0.03 min

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





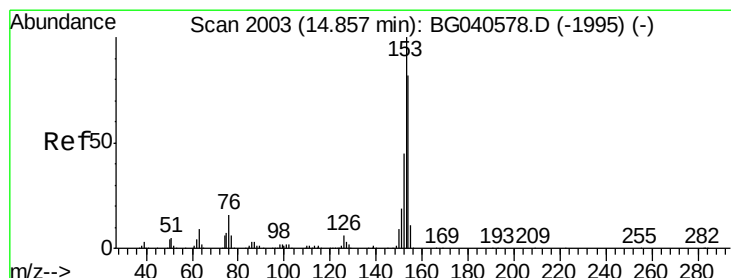
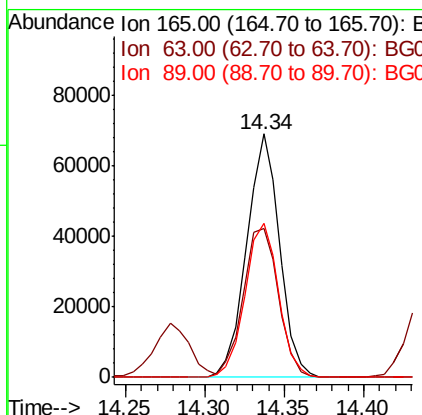
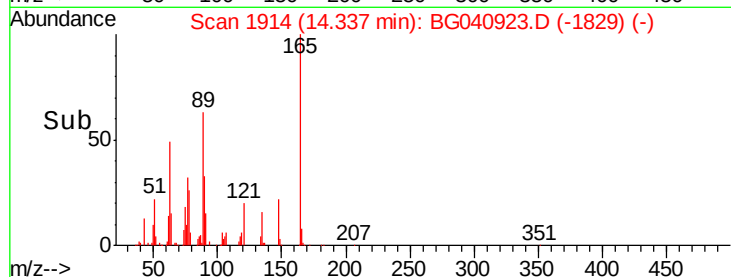
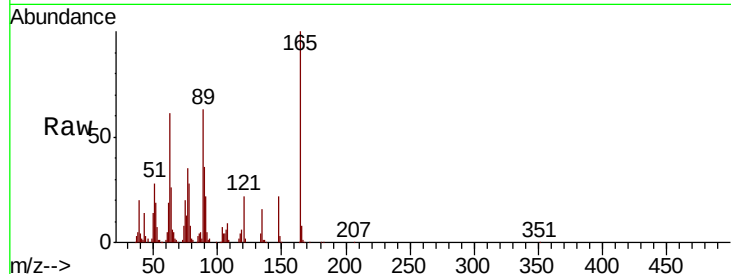
#51
 2,6-Dinitrotoluene
 Concen: 14.819 ng
 RT: 14.34 min Scan# 1914
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-03

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

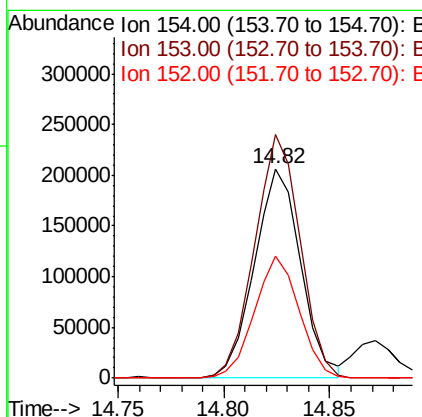
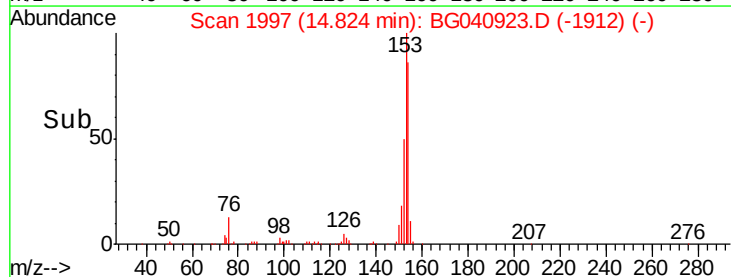
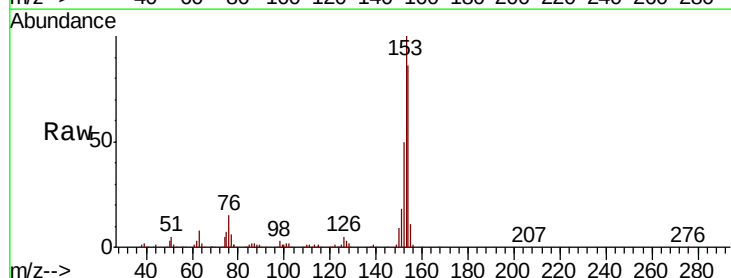
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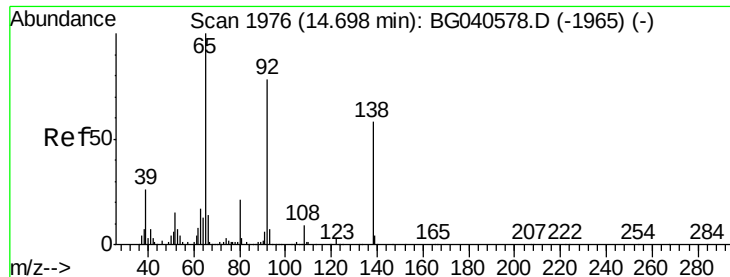
Sohil
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#52
 Acenaphthene
 Concen: 12.761 ng
 RT: 14.82 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

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





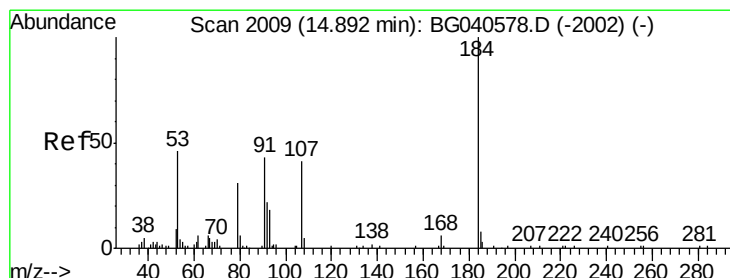
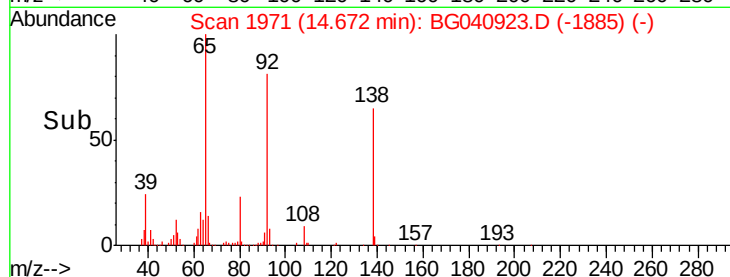
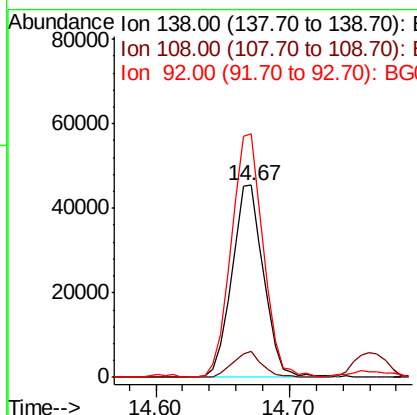
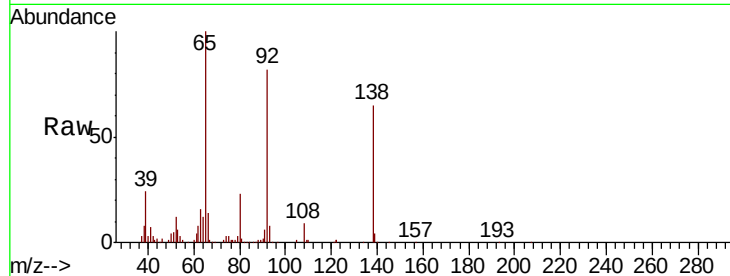
#53
3-Nitroaniline
Concen: 10.930 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Instrument :
BNA_G
ClientSampleId :
IDOC-03

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.4	12.4	18.6
92	126.9	108.6	162.8

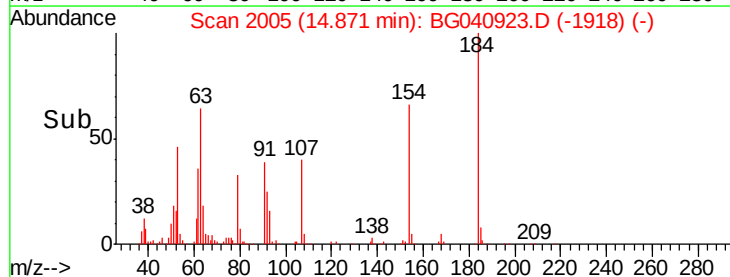
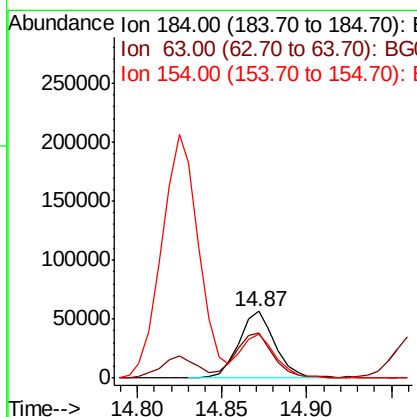
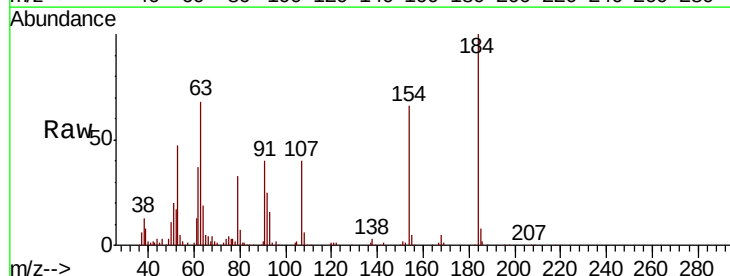
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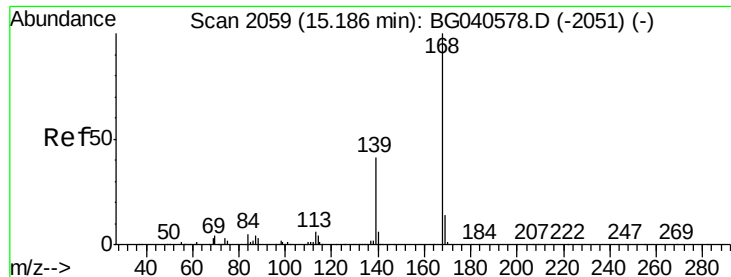
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#54
2,4-Dinitrophenol
Concen: 27.322 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Tgt Ion	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

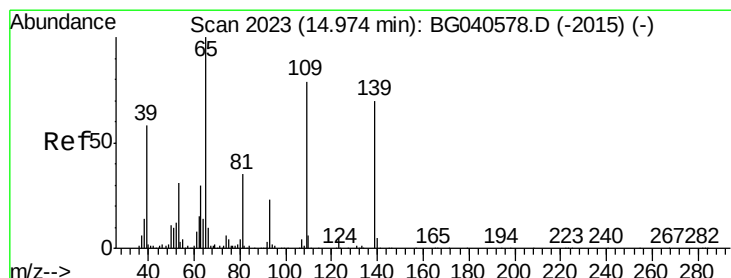
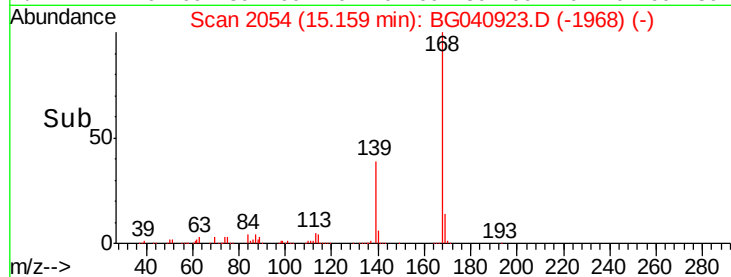
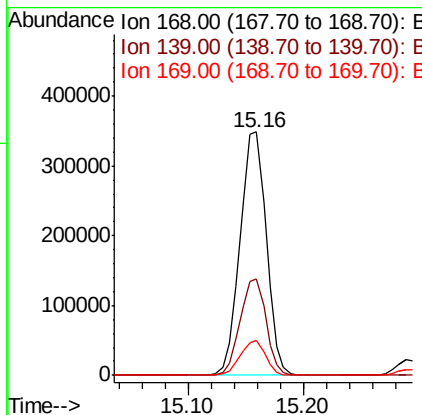
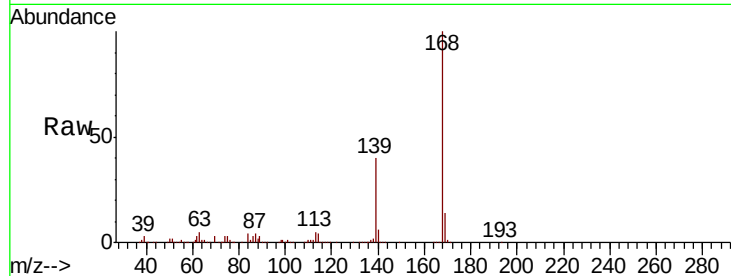
ClientSampleId :

IDOC-03

Tot Ion:	168	Resp:	551232
Ion Ratio	Lower	Upper	
168	100		
139	39.8	33.0	49.4
169	14.2	11.0	16.4

Manual Integrations
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#56

4-Nitrophenol

Concen: 26.484 ng

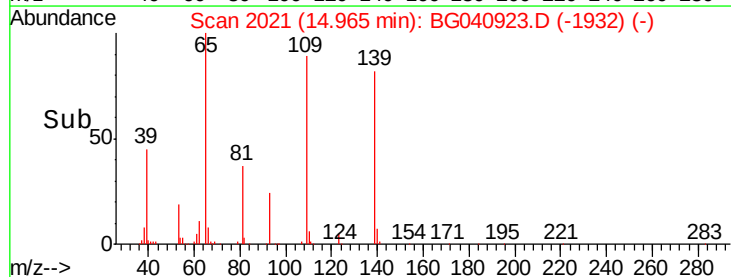
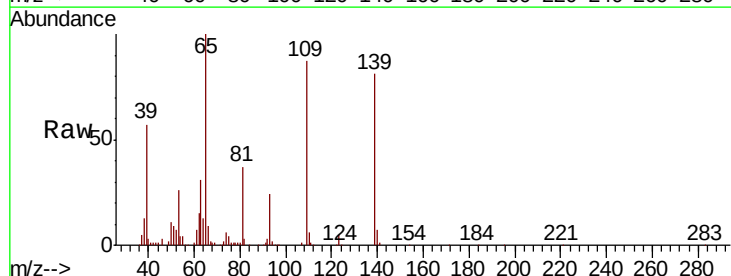
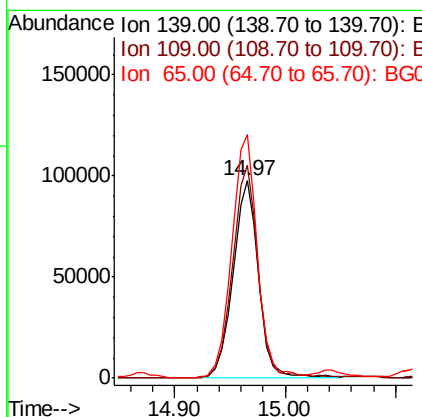
RT: 14.97 min Scan# 2021

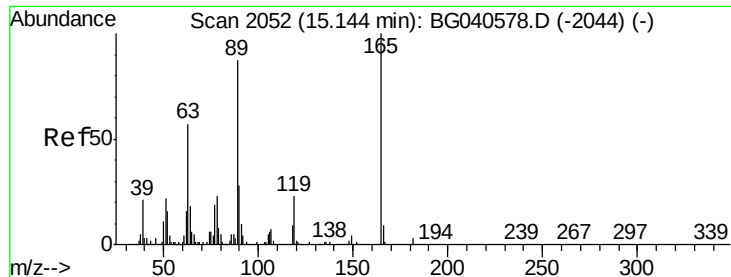
Delta R.T. -0.01 min

Lab File: BG040923.D

Acq: 13 May 2019 22:35

Tgt Ion:	139	Resp:	158146
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

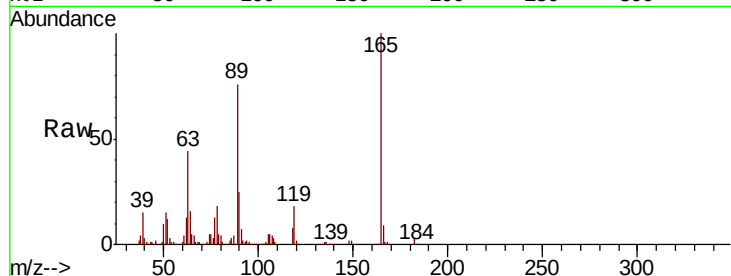
ClientSampleId :

IDOC-03

Tot Ion:	165	Resp:	144696
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

Manual Integrations
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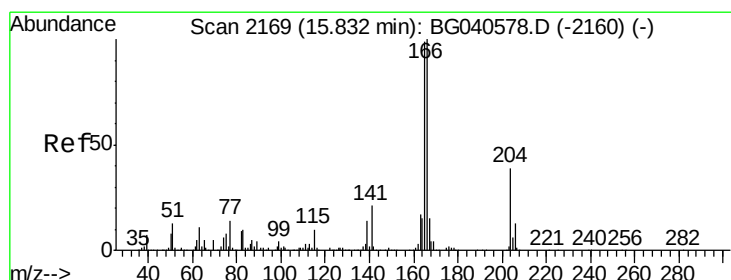
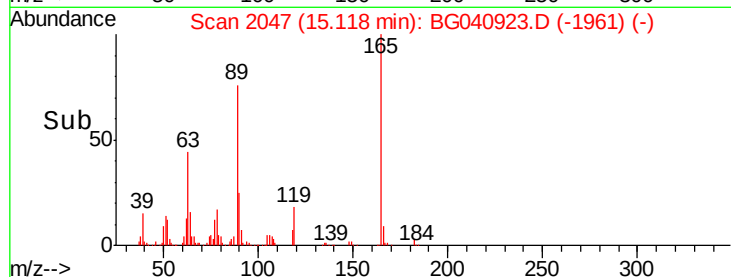
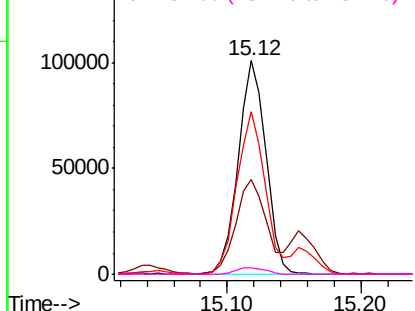
Abundance

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

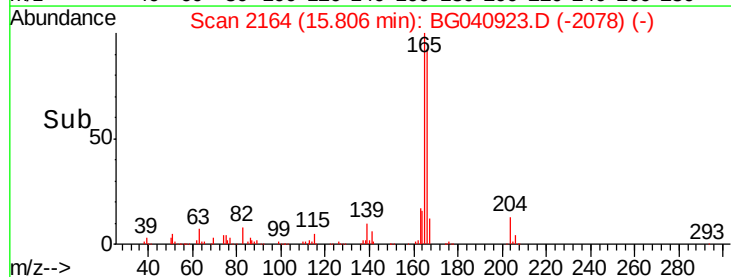
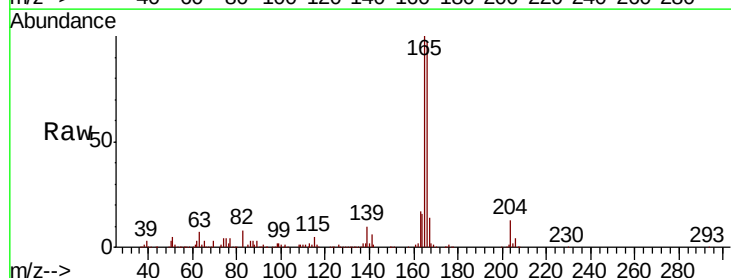
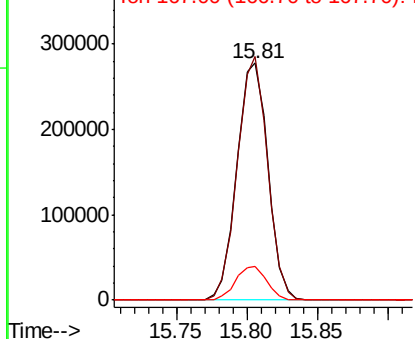
Tgt Ion:	166	Resp:	427233
Ion Ratio	Lower	Upper	
166	100		
165	102.7	79.6	119.4
167	14.0	12.2	18.2

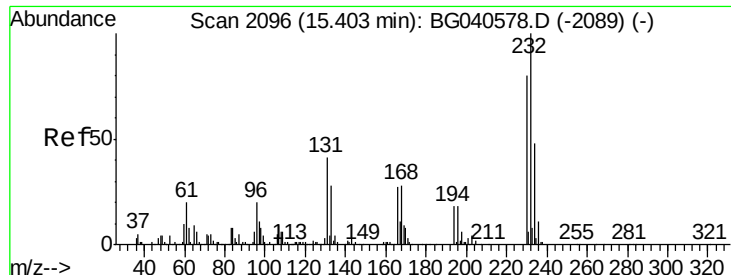
Abundance

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





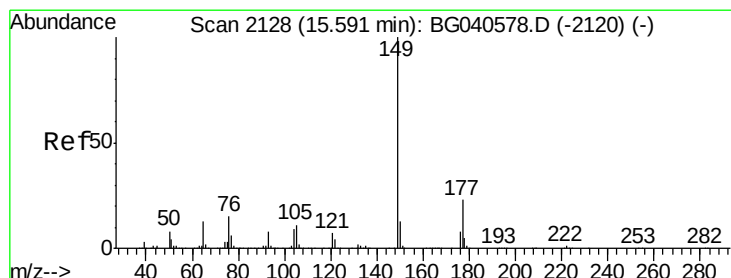
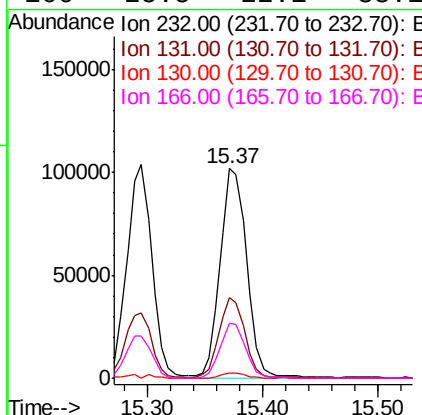
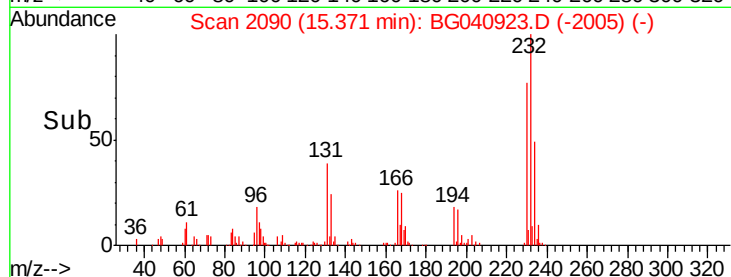
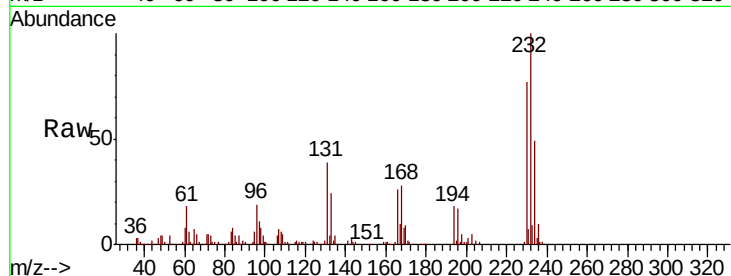
#59
2,3,4,6-Tetrachlorophenol
Concen: 15.963 ng
RT: 15.37 min Scan# 2090
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Instrument :
BNA_G
ClientSampleId :
IDOC-03

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

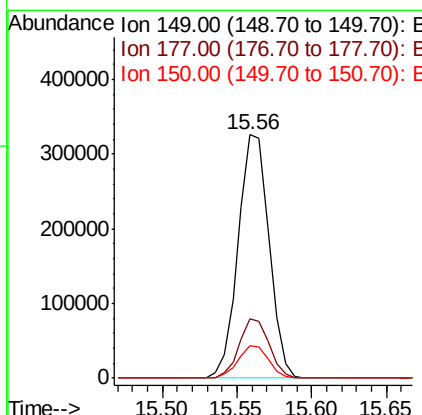
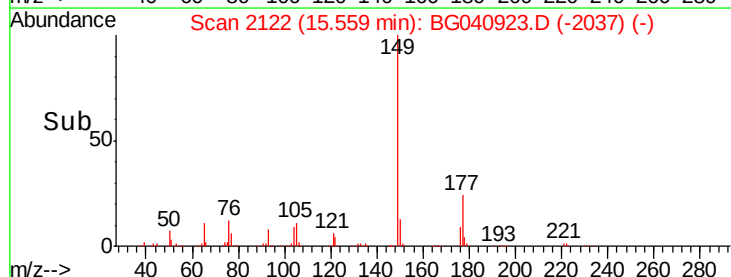
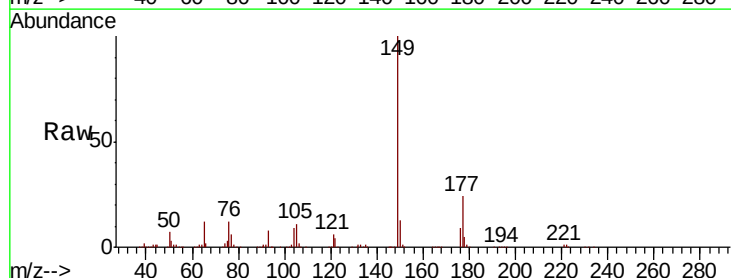
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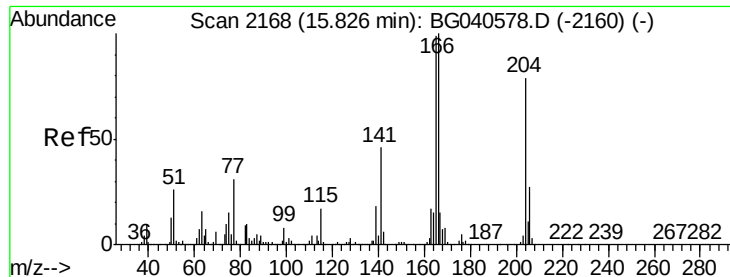
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#60
Diethylphthalate
Concen: 12.902 ng
RT: 15.56 min Scan# 2122
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

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





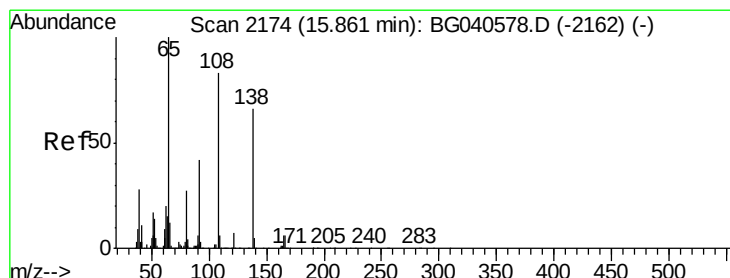
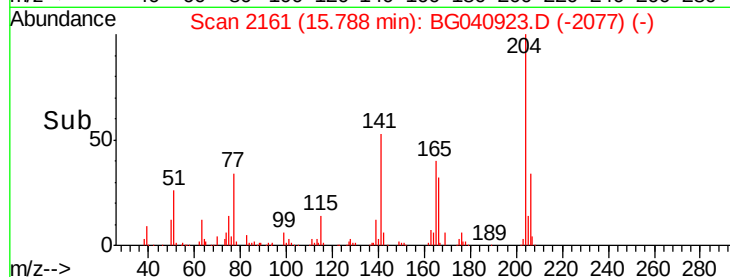
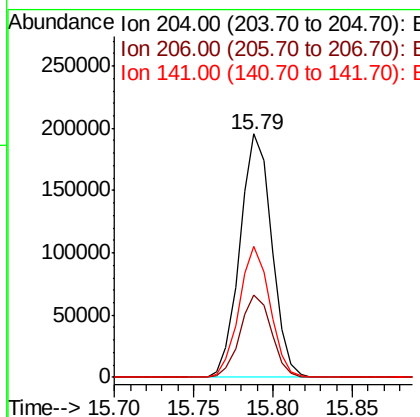
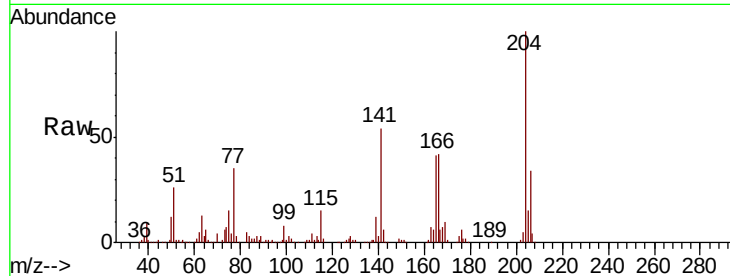
#61
 4-Chlorophenyl-phenylether
 Concen: 14.315 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.04 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Instrument :
 BNA_G
 ClientSampled :
 IDOC-03

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

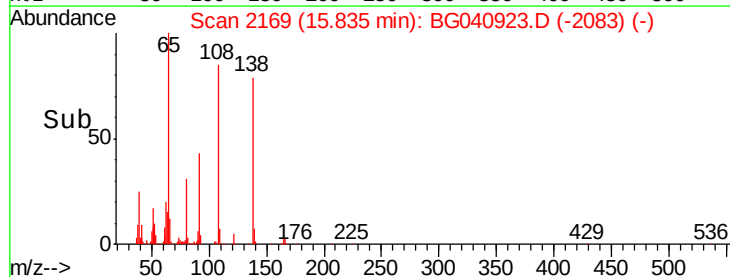
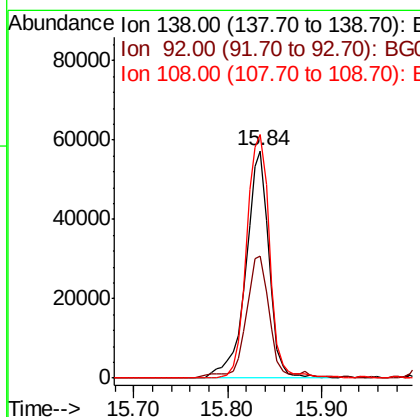
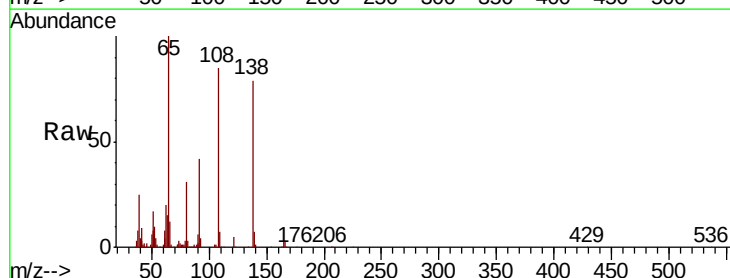
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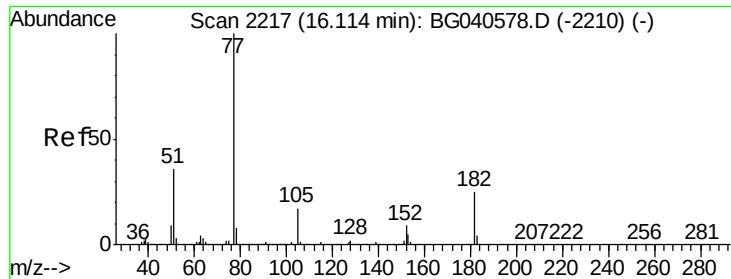
Sohil
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#62
 4-Nitroaniline
 Concen: 12.668 ng
 RT: 15.84 min Scan# 2169
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

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





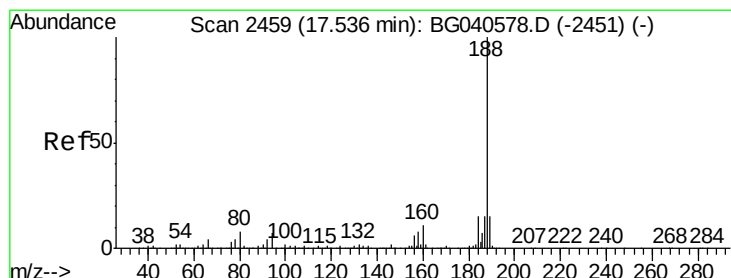
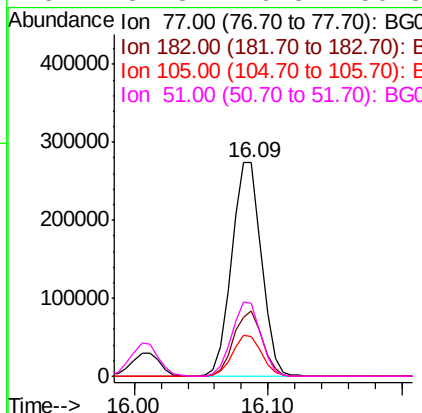
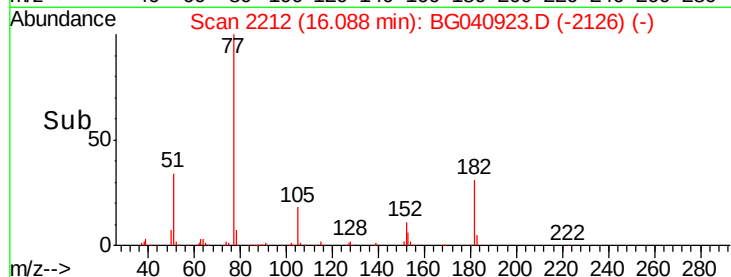
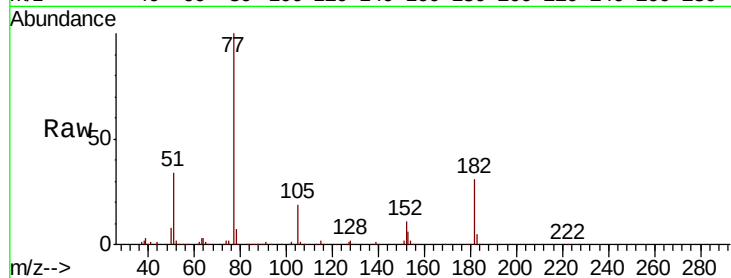
#63
Azobenzene
Concen: 11.367 ng
RT: 16.09 min Scan# 2212
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Instrument :
BNA_G
ClientSampleId :
IDOC-03

Tot 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

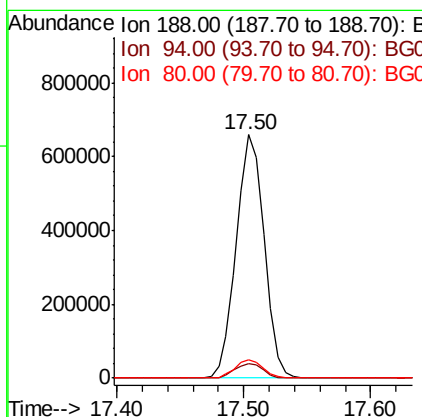
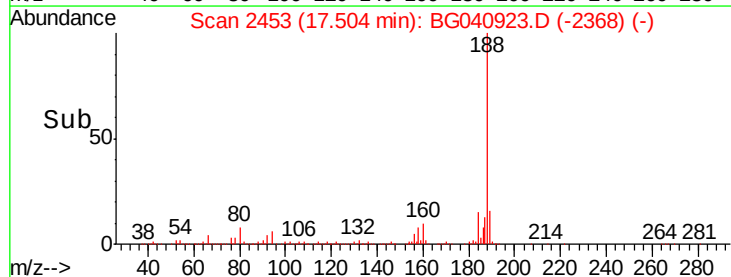
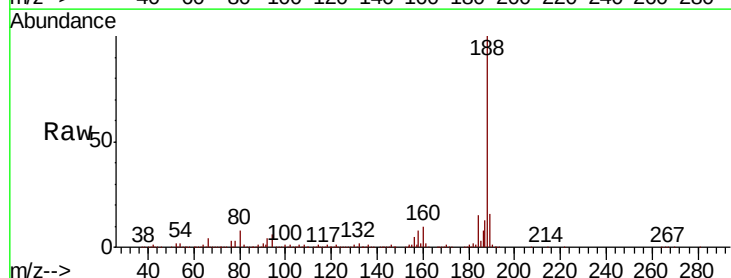
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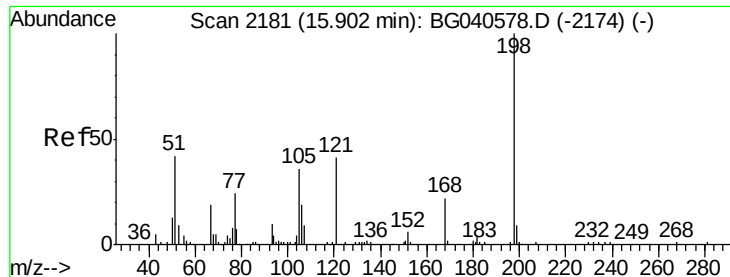
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.03 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

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

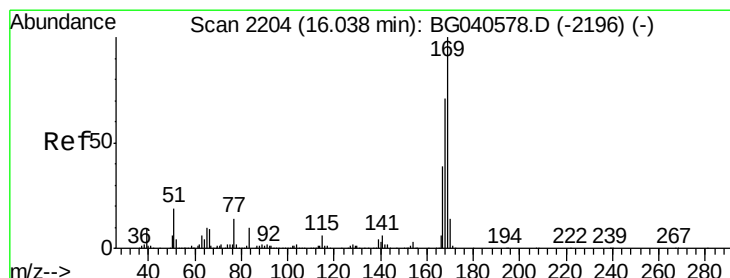
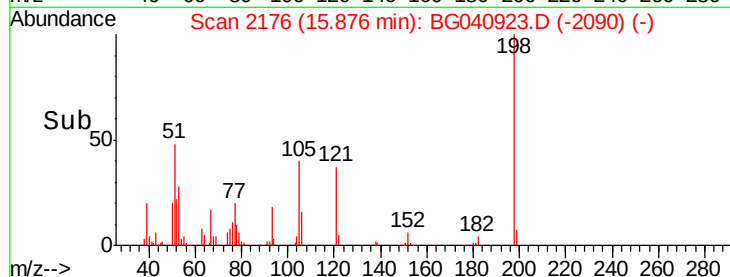
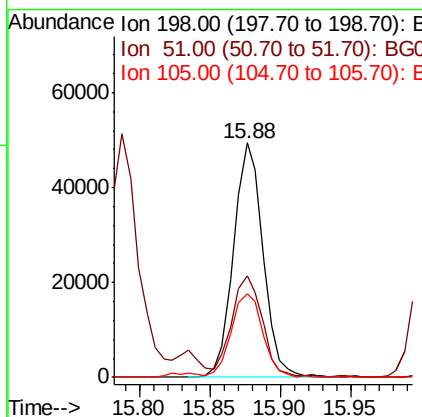
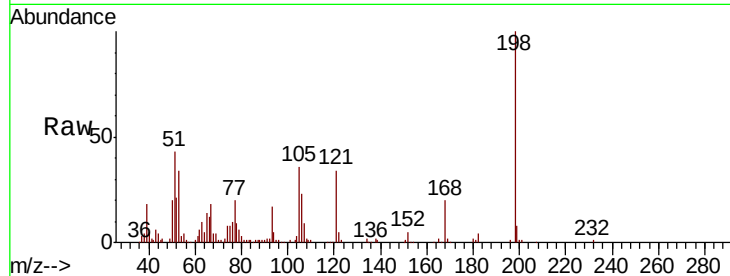
ClientSampleId :

IDOC-03

Tot Ion:	198	Resp:	71705
Ion Ratio	Lower	Upper	
198	100		
51	43.4	35.9	75.9
105	35.8	21.2	61.2

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#66

n-Nitrosodiphenylamine

Concen: 13.530 ng

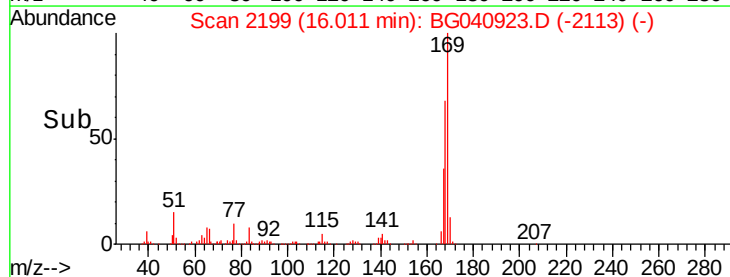
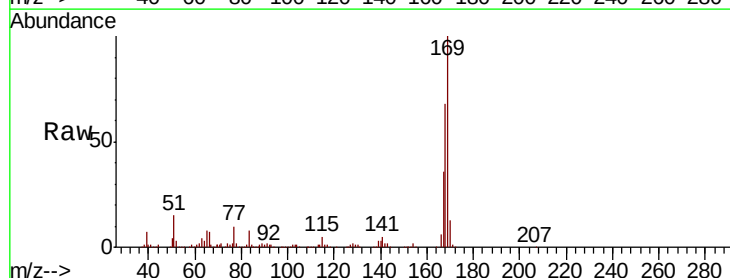
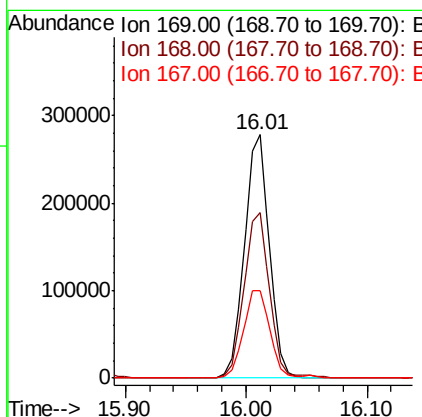
RT: 16.01 min Scan# 2199

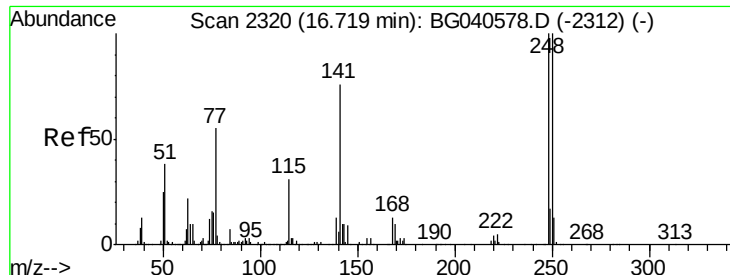
Delta R.T. -0.03 min

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





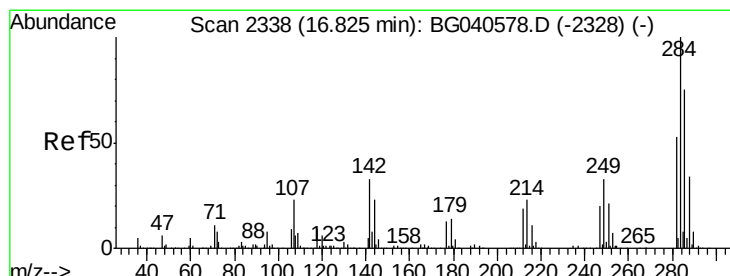
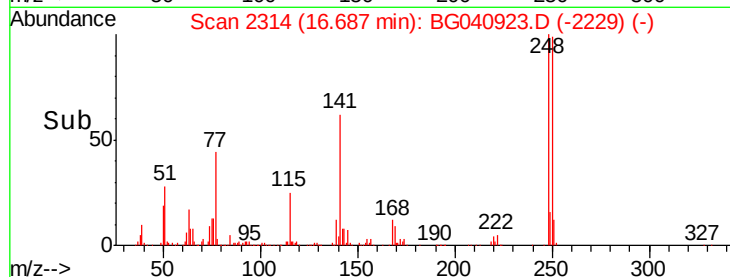
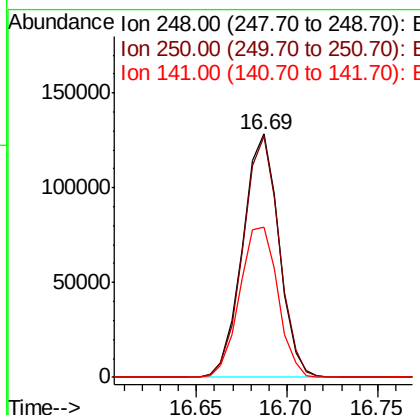
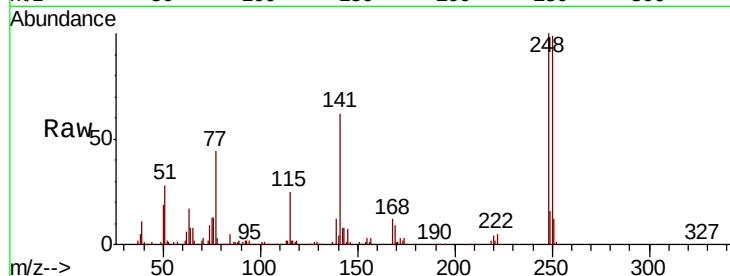
#67
 4-Bromophenyl-phenylether
 Concen: 14.274 ng
 RT: 16.69 min Scan# 2314
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-03

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	79.8	119.6
141	61.6	60.8	91.2

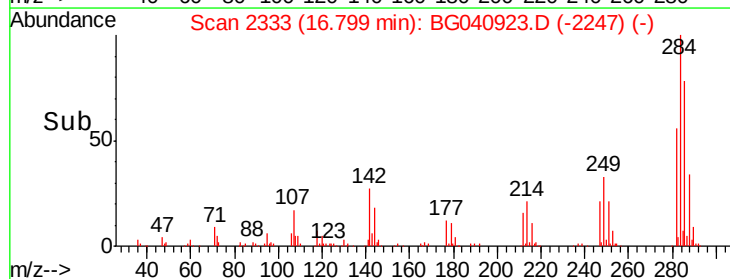
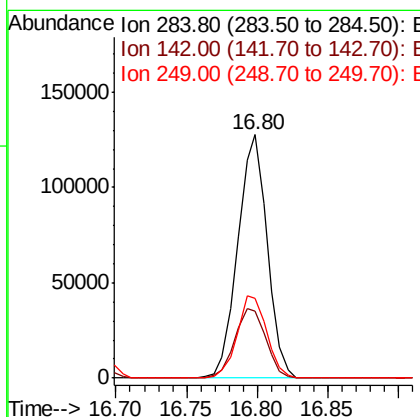
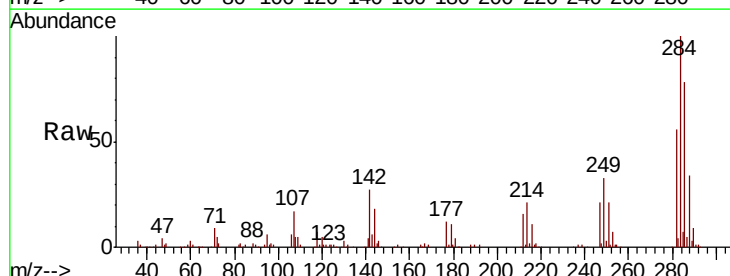
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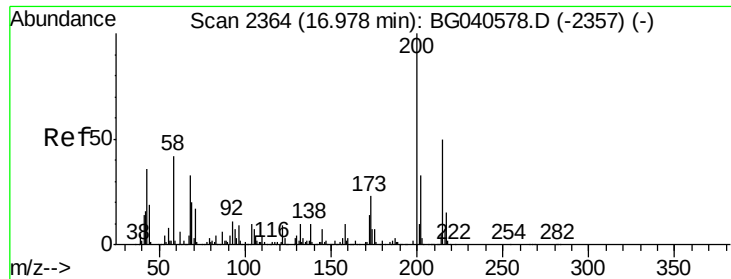
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#68
 Hexachlorobenzene
 Concen: 14.320 ng
 RT: 16.80 min Scan# 2333
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

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





#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

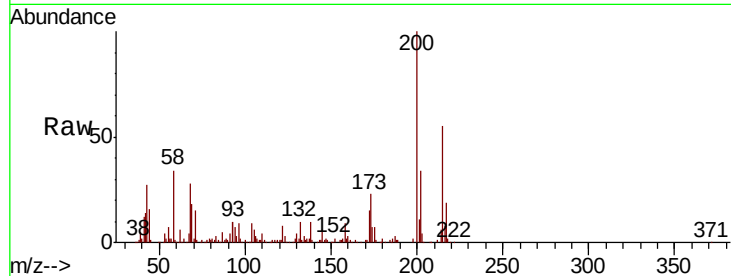
ClientSampleId :

IDOC-03

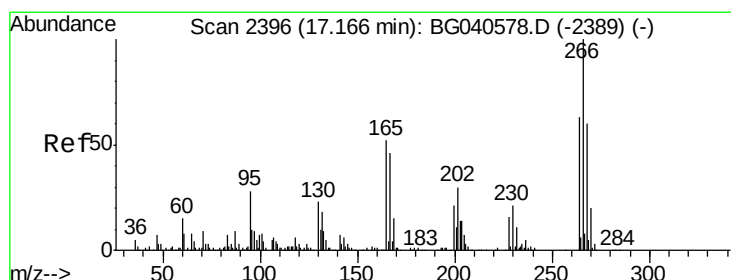
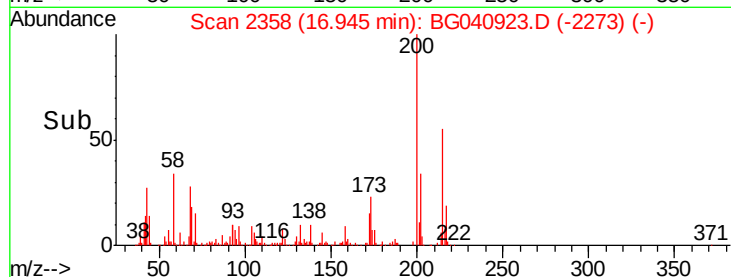
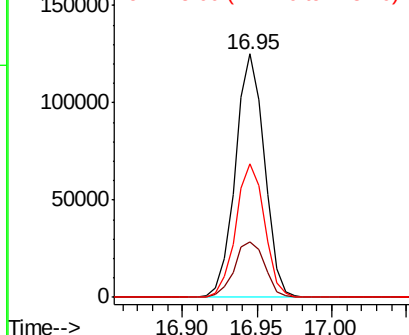
Tot Ion:	200	Resp:	168931
Ion Ratio	Lower	Upper	
200	100		
173	22.7	2.8	42.8
215	54.7	30.2	70.2

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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

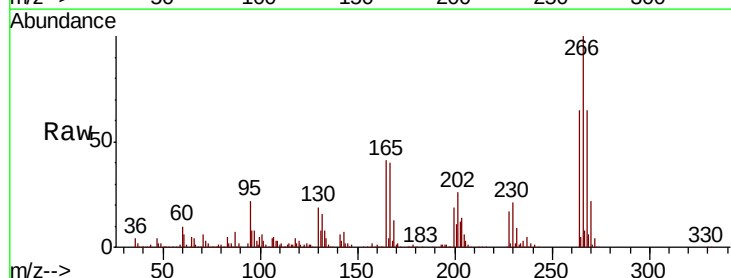
RT: 17.15 min Scan# 2392

Delta R.T. -0.02 min

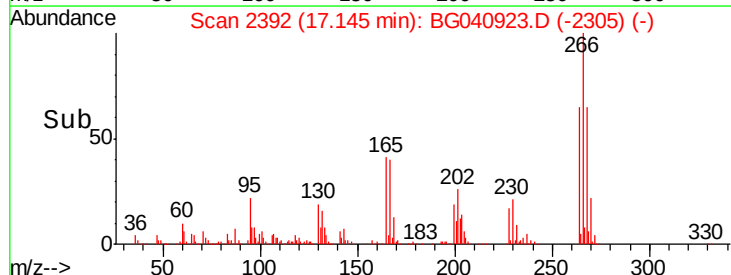
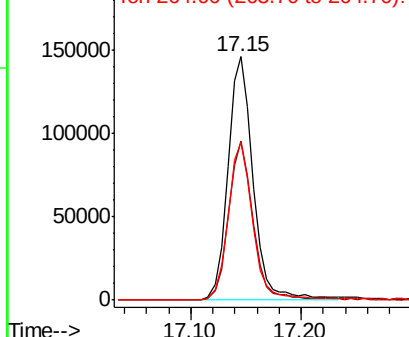
Lab File: BG040923.D

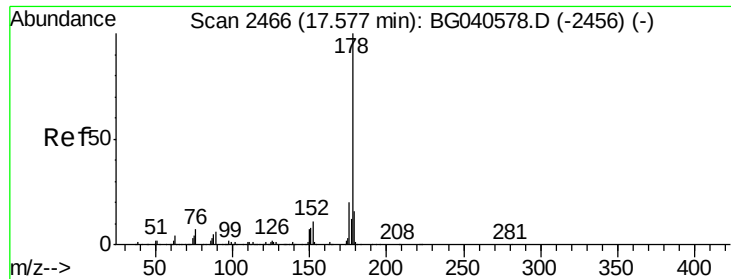
Acq: 13 May 2019 22:35

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

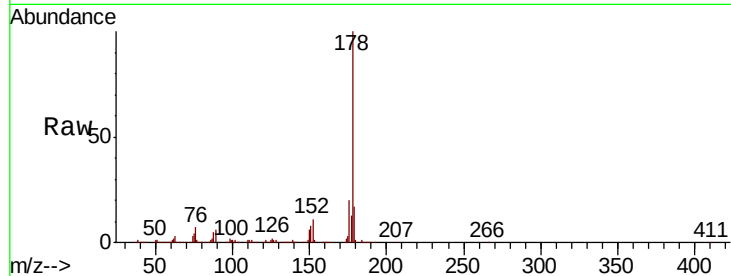
ClientSampleId :

IDOC-03

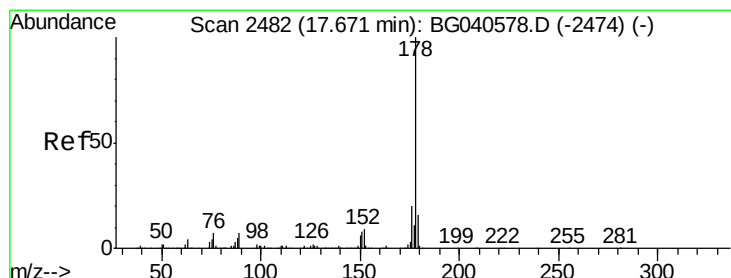
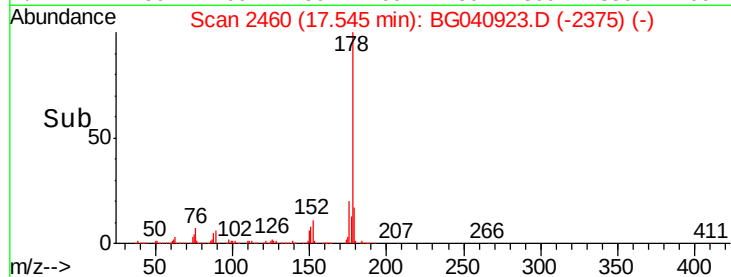
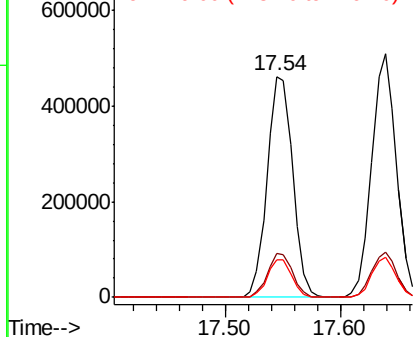
Tot Ion:178	Resp:	714877
Ion Ratio	Lower	Upper
178	100	
176	19.8	15.8 23.6
179	17.0	12.6 18.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 13.930 ng

RT: 17.64 min Scan# 2476

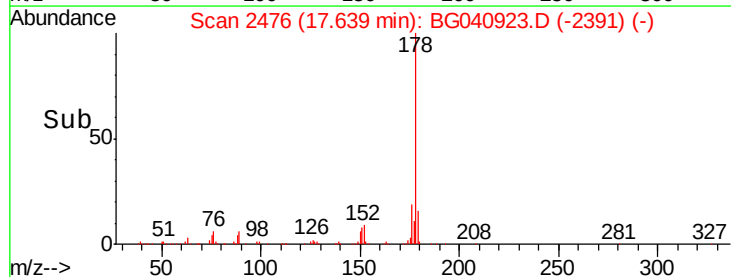
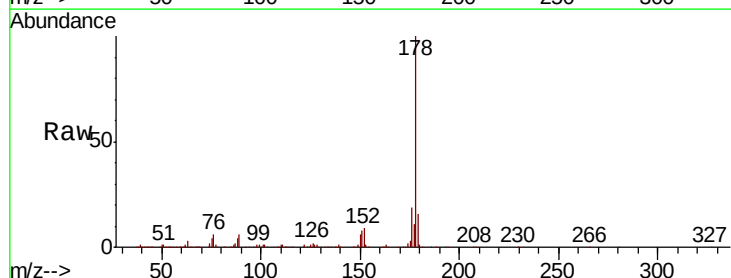
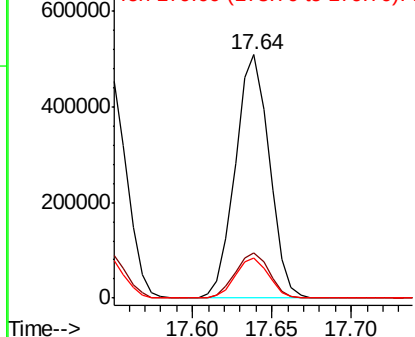
Delta R.T. -0.03 min

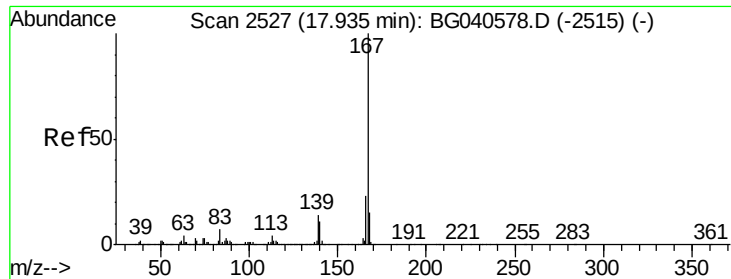
Lab File: BG040923.D

Acq: 13 May 2019 22:35

Tgt Ion:178	Resp:	757924
Ion Ratio	Lower	Upper
178	100	
176	18.8	15.6 23.4
179	16.4	12.9 19.3

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





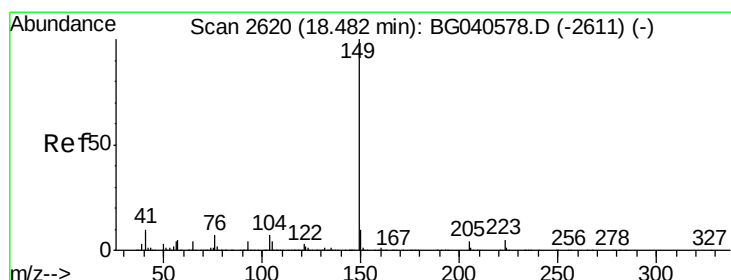
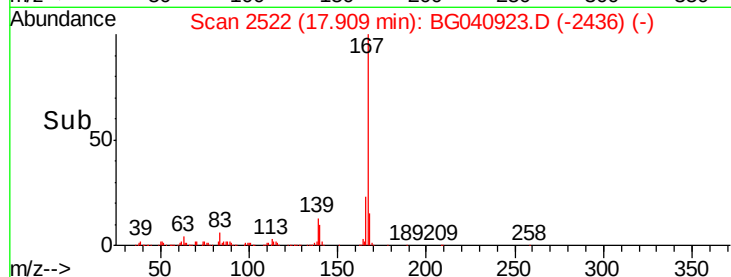
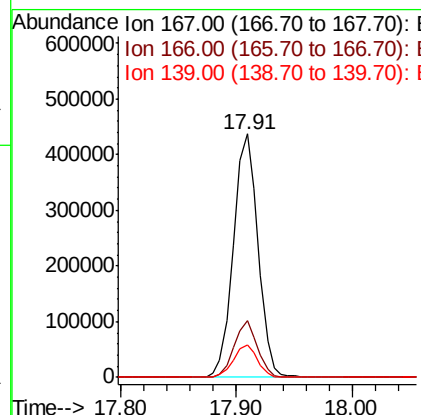
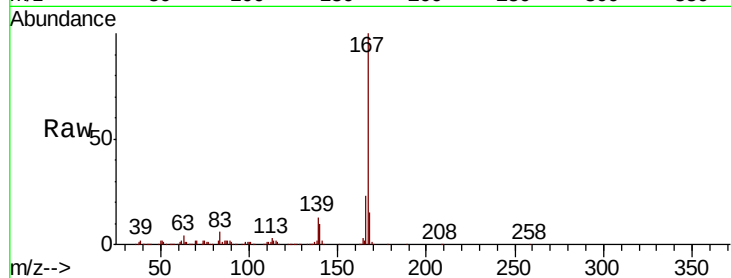
#73
 Carbazole
 Concen: 12.973 ng
 RT: 17.91 min Scan# 2522
 Delta R.T. -0.03 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

Instrument :
 BNA_G
 ClientSampled :
 IDOC-03

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

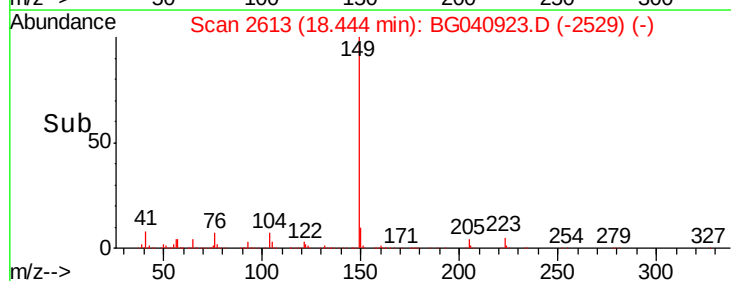
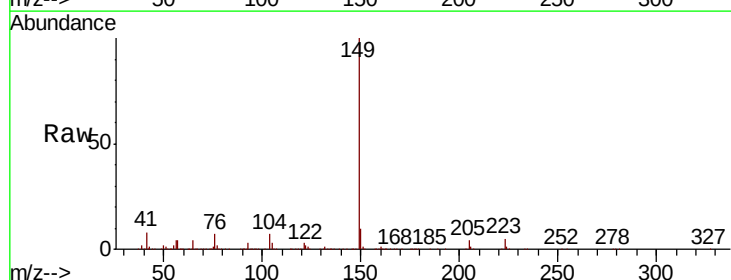
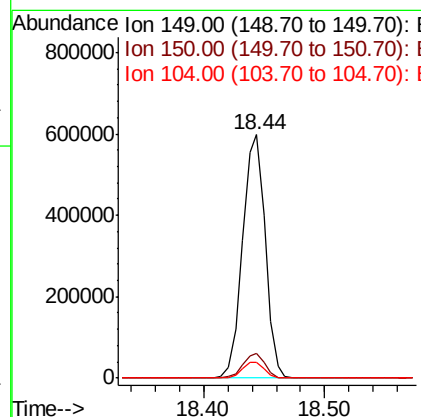
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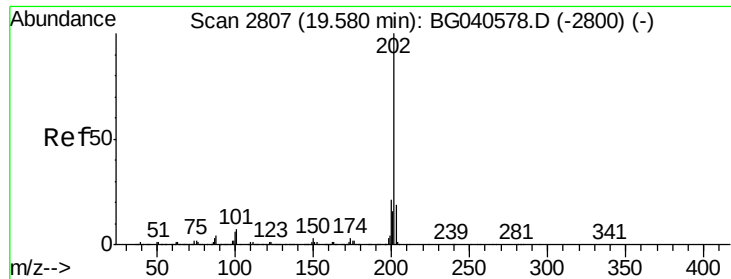
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#74
 Di-n-butylphthalate
 Concen: 13.073 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.04 min
 Lab File: BG040923.D
 Acq: 13 May 2019 22:35

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

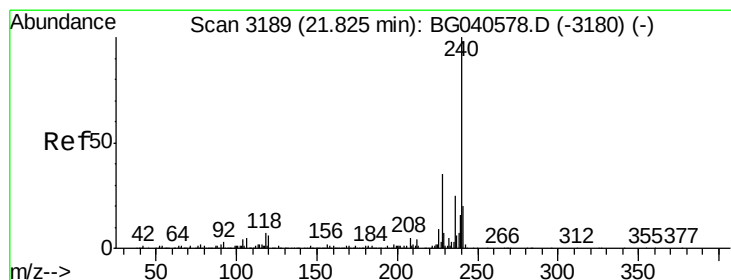
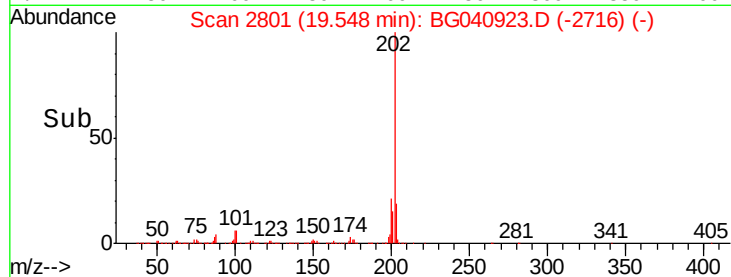
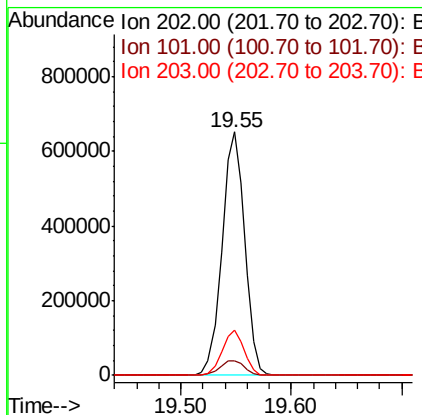
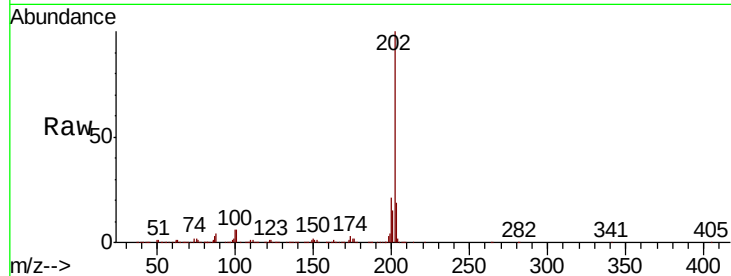
ClientSampleId :

IDOC-03

Tot Ion:	202	Resp:	933285
Ion Ratio		Lower	Upper
202	100		
101	5.8	0.0	27.5
203	18.8	0.0	39.3

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

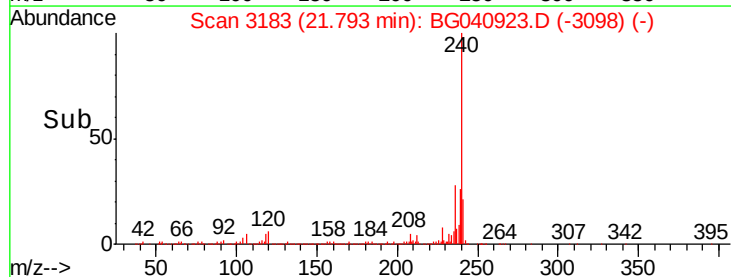
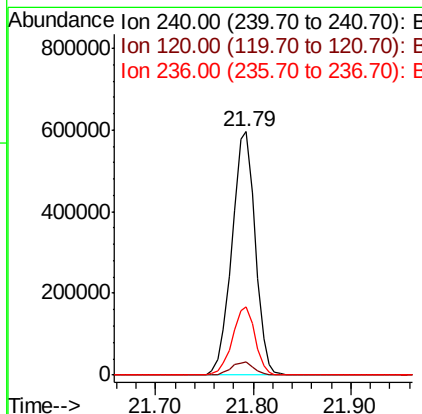
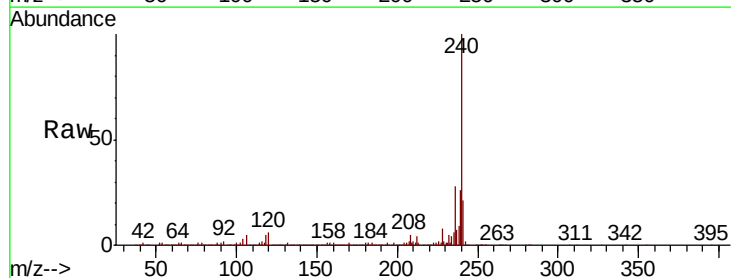
RT: 21.79 min Scan# 3183

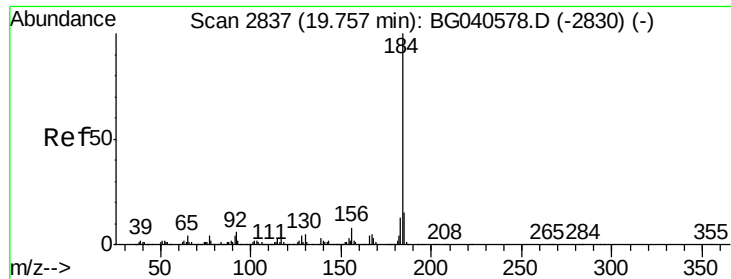
Delta R.T. -0.03 min

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





#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

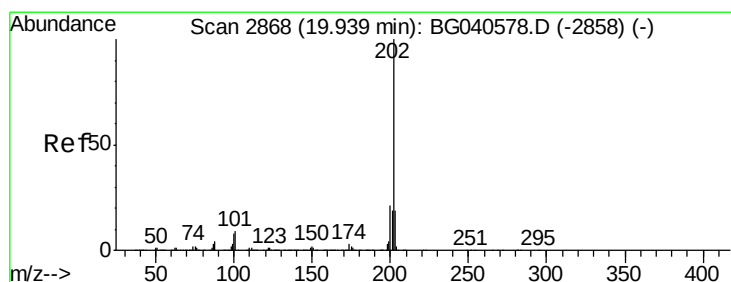
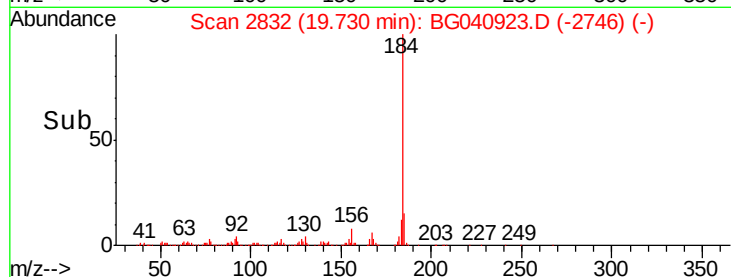
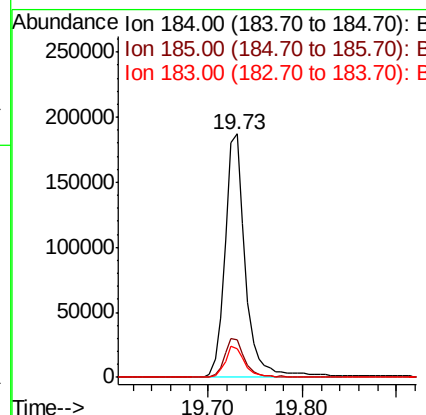
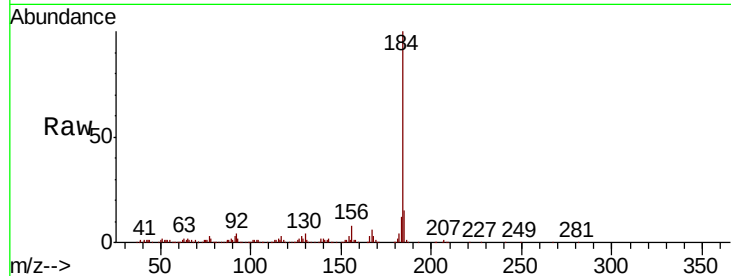
ClientSampled :

IDOC-03

Tot Ion:	184	Resp:	283447
Ion Ratio		Lower	Upper
184	100		
185	15.4	11.8	17.8
183	11.9	10.2	15.2

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#78

Pyrene

Concen: 15.097 ng

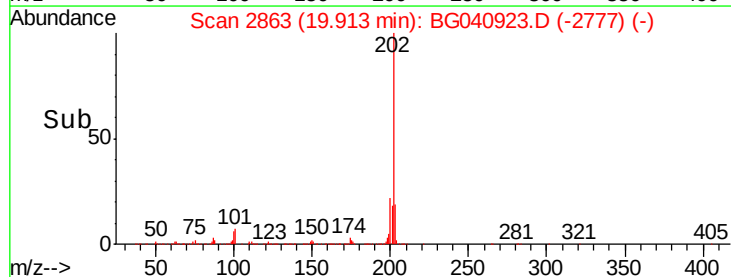
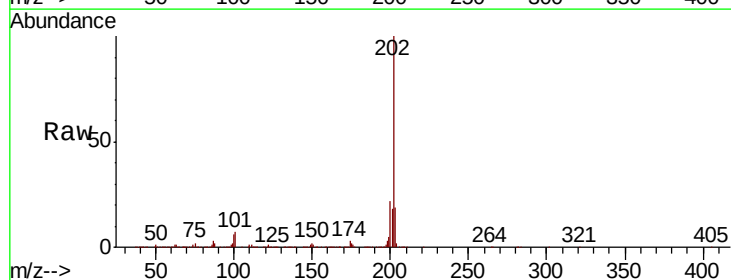
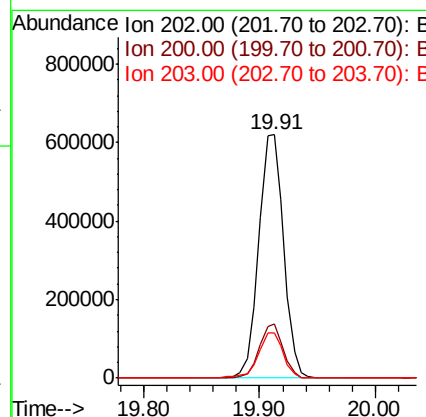
RT: 19.91 min Scan# 2863

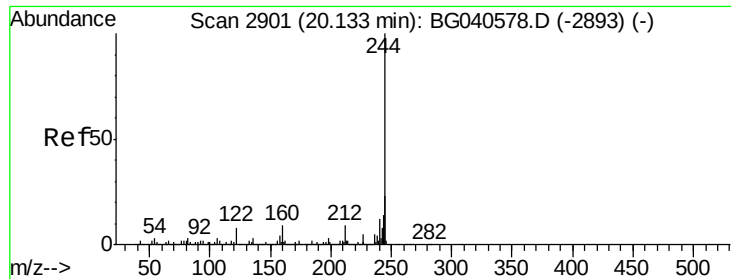
Delta R.T. -0.03 min

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





#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

Tot Ion:244 Resp: 2729538

Ion Ratio Lower Upper

244 100

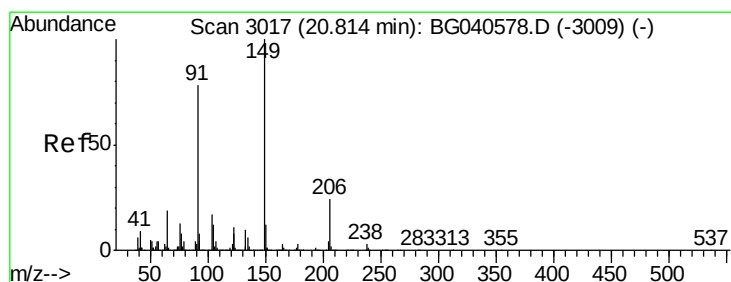
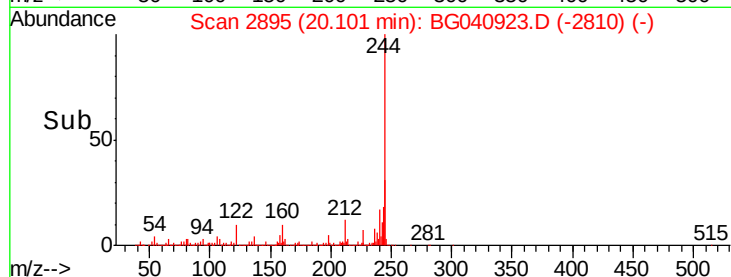
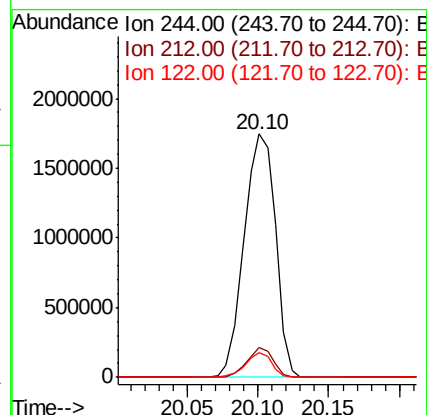
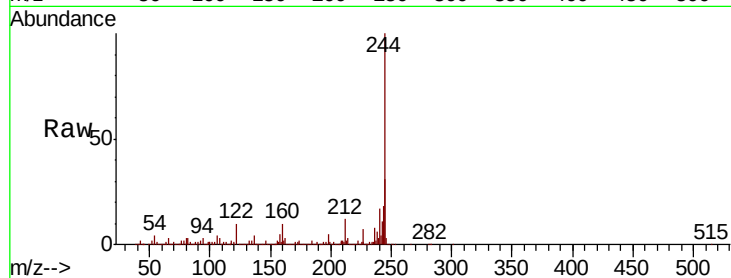
212 12.4 7.2 10.8#

122 10.3 6.6 10.0#

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#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

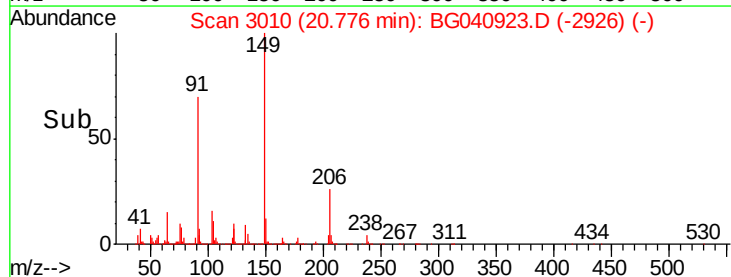
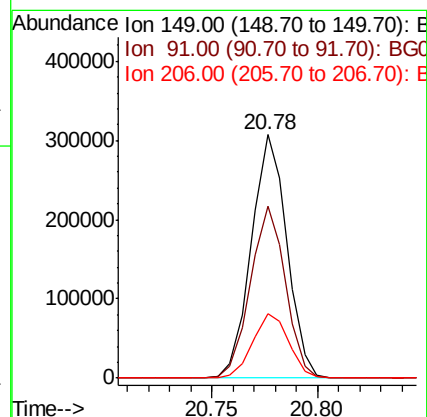
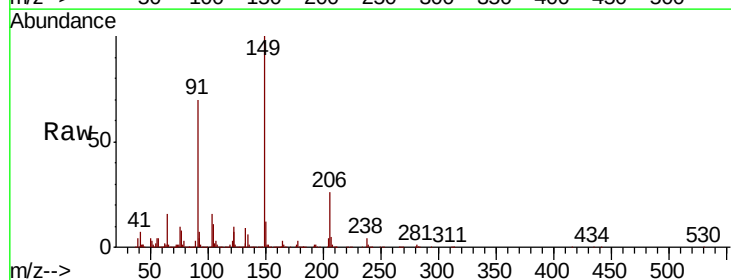
Tgt Ion:149 Resp: 357850

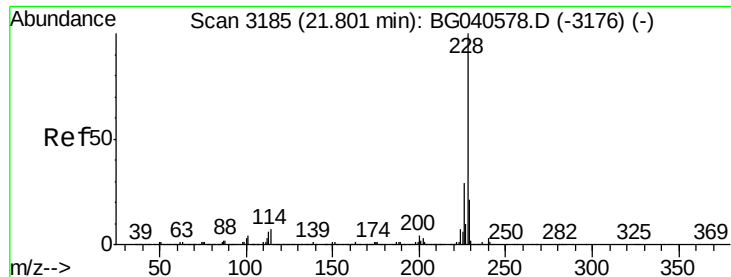
Ion Ratio Lower Upper

149 100

91 70.4 62.6 93.8

206 26.3 19.4 29.2





#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

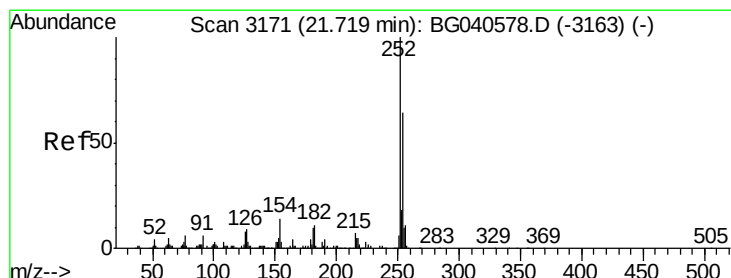
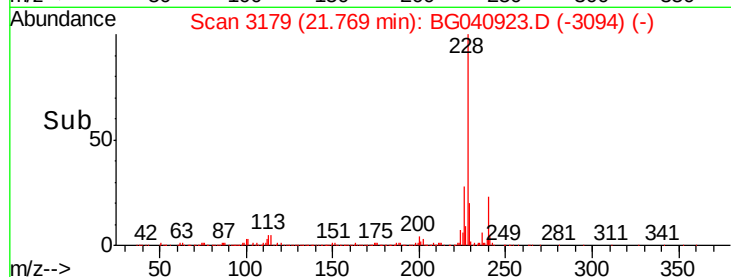
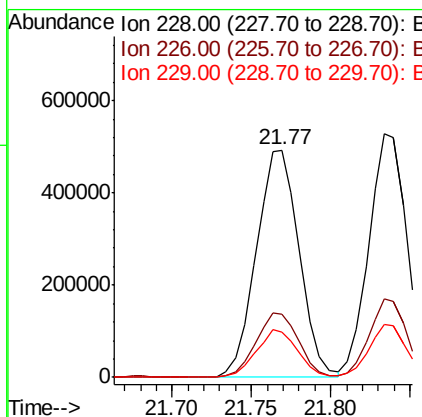
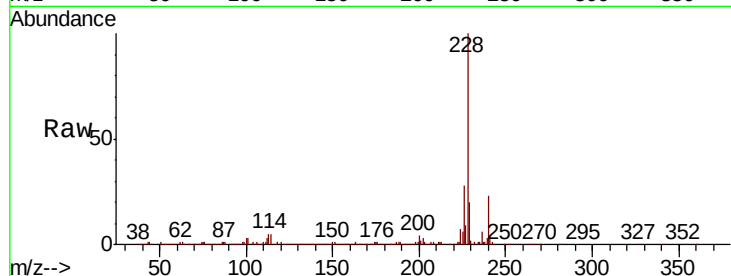
ClientSampleId :

IDOC-03

Tot Ion:	228	Resp:	923123
Ion Ratio	Lower	Upper	
228	100		
226	27.7	23.1	34.7
229	19.9	17.0	25.4

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#82

3,3'-Dichlorobenzidine

Concen: 10.553 ng

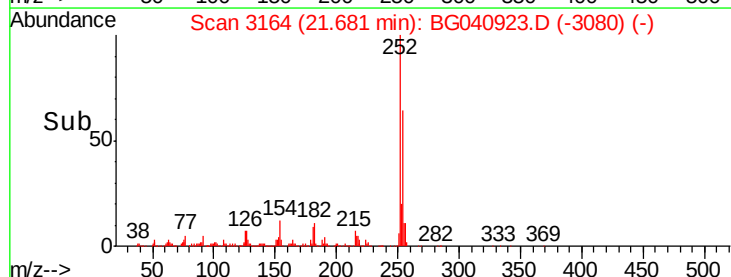
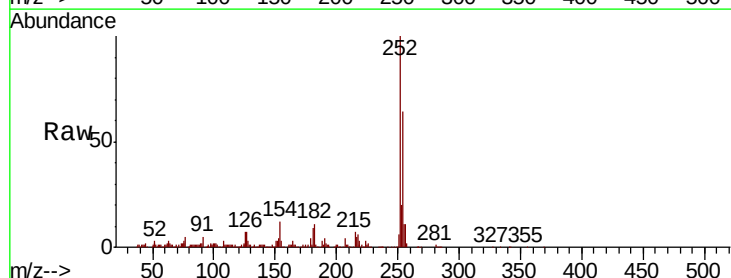
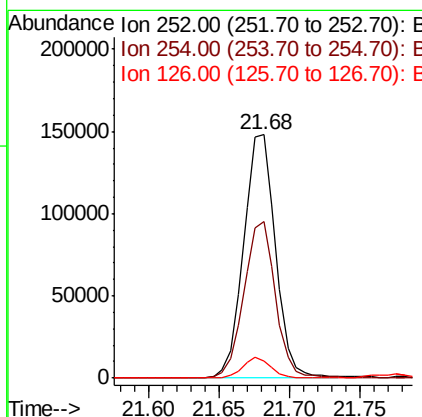
RT: 21.68 min Scan# 3164

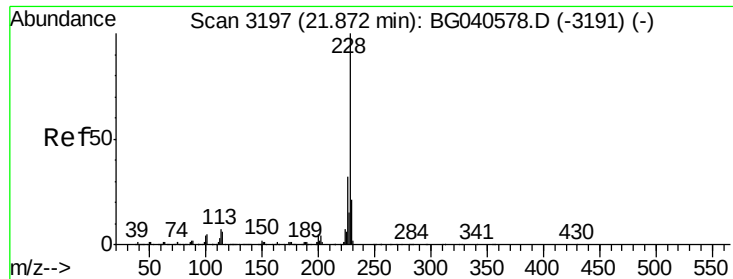
Delta R.T. -0.04 min

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





#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

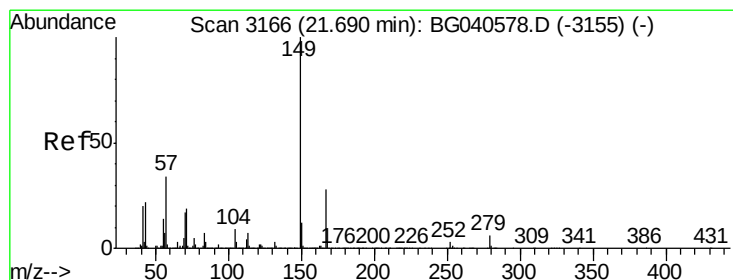
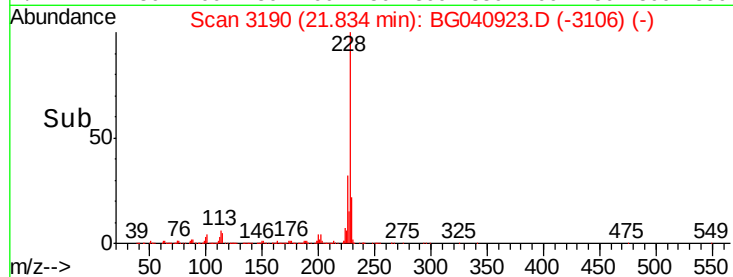
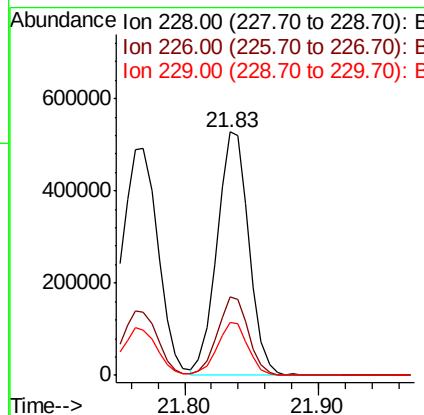
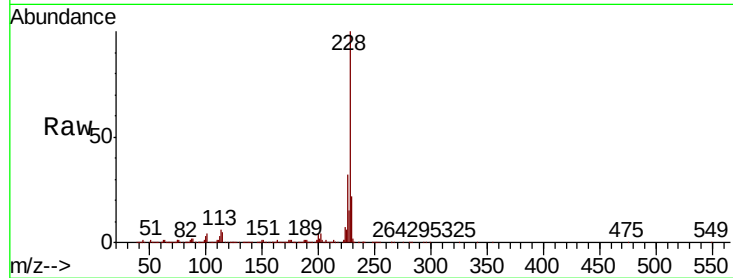
ClientSampleId :

IDOC-03

Tot Ion:	228	Resp:	880842
Ion Ratio	Lower	Upper	
228	100		
226	32.2	25.5	38.3
229	21.7	16.8	25.2

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#84

Bis(2-ethylhexyl)phthalate

Concen: 14.359 ng

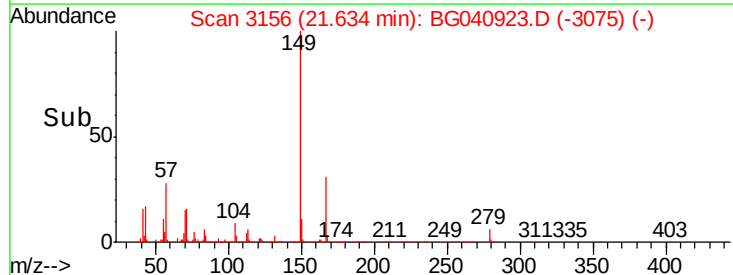
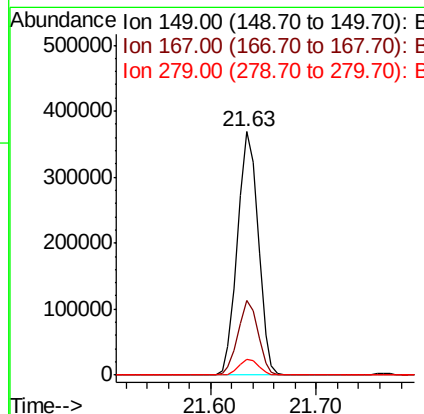
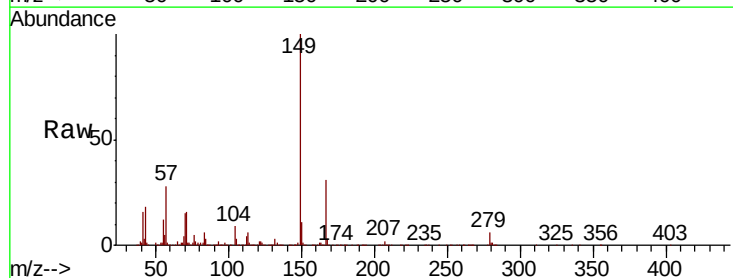
RT: 21.63 min Scan# 3156

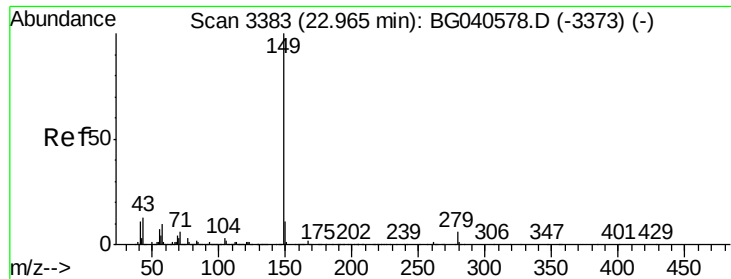
Delta R.T. -0.06 min

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





#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

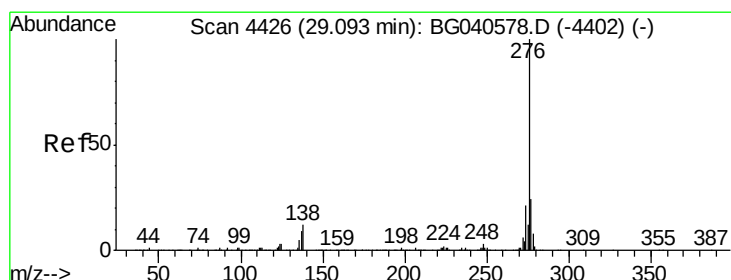
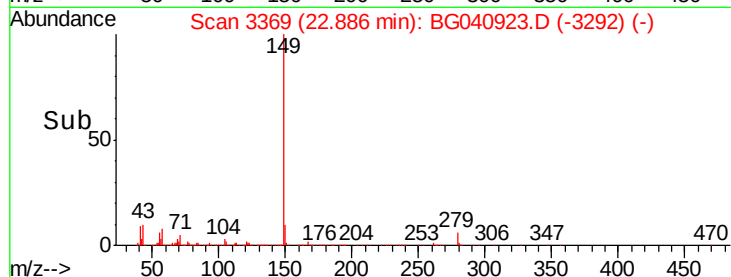
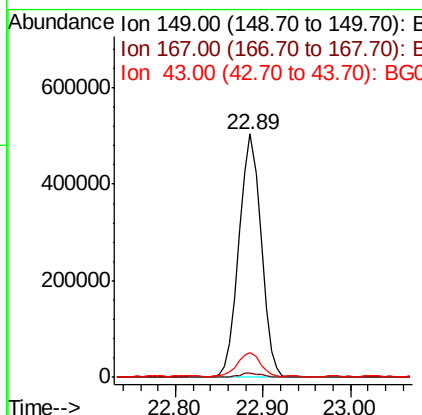
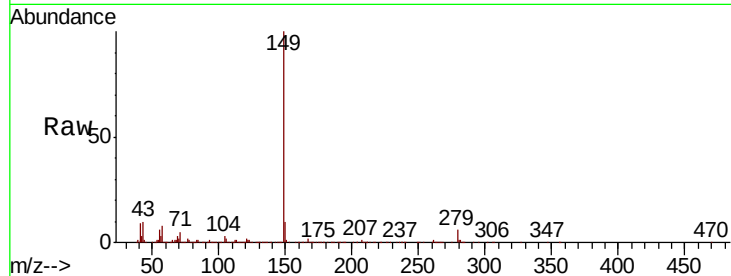
ClientSampleId :

IDOC-03

Tot Ion:	149	Resp:	854211
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.2
43	10.0	10.2	15.2#

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 15.342 ng

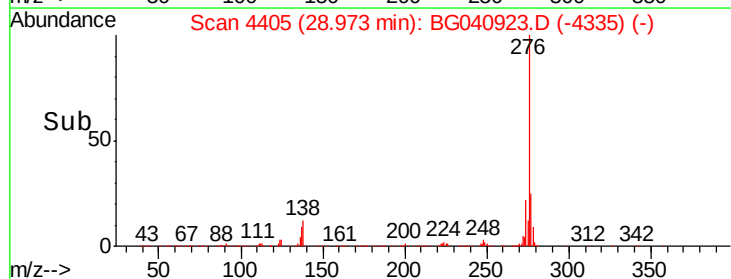
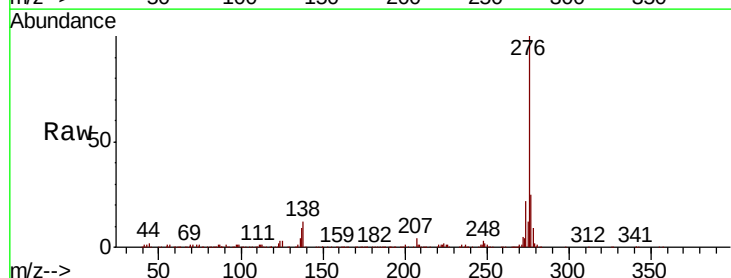
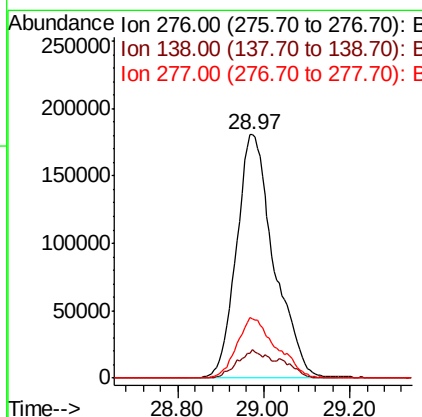
RT: 28.97 min Scan# 4405

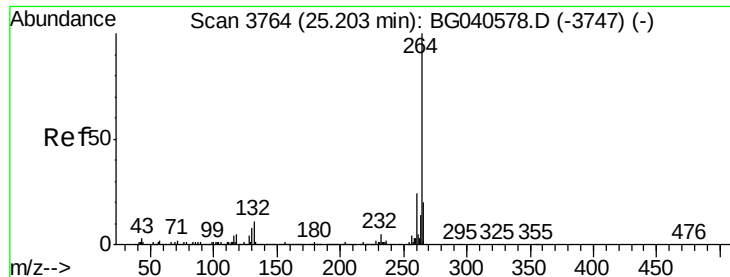
Delta R.T. -0.12 min

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#





#87

Pervlene-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

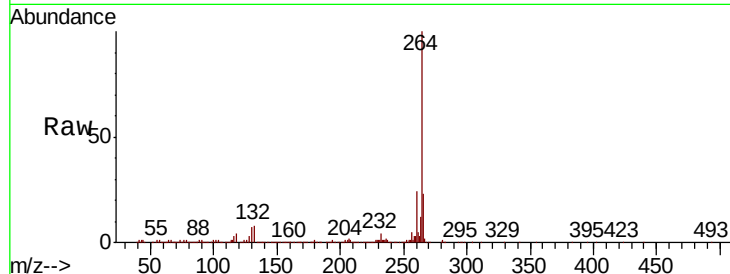
ClientSampleId :

IDOC-03

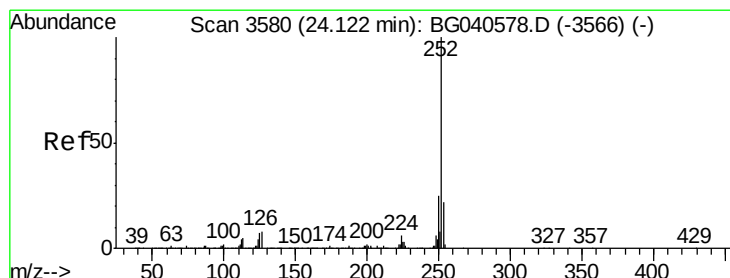
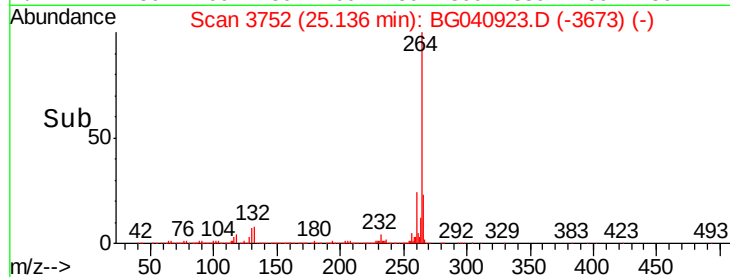
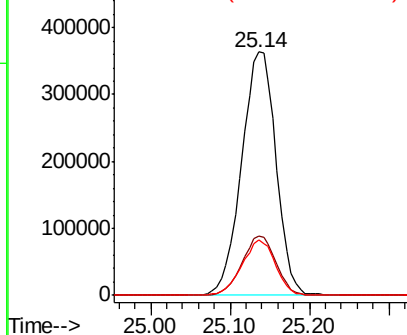
Tot Ion:	264	Resp:	1097797
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.2	28.8
265	23.0	16.6	25.0

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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: 13.782 ng m

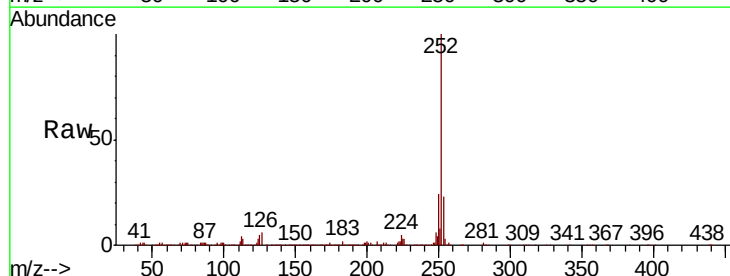
RT: 24.06 min Scan# 3569

Delta R.T. -0.06 min

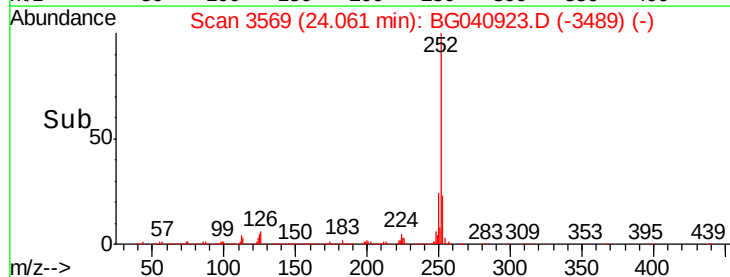
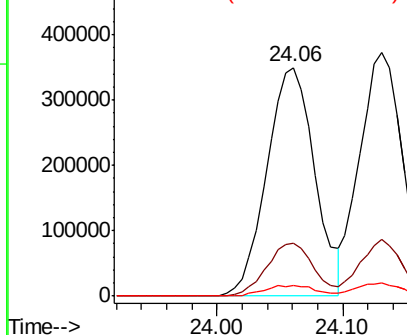
Lab File: BG040923.D

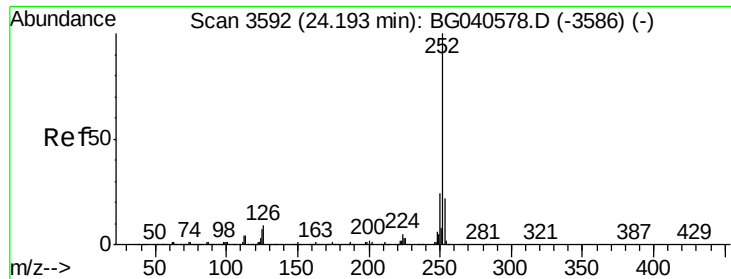
Acq: 13 May 2019 22:35

Tgt Ion:	252	Resp:	924532
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.6	26.4
125	4.9	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

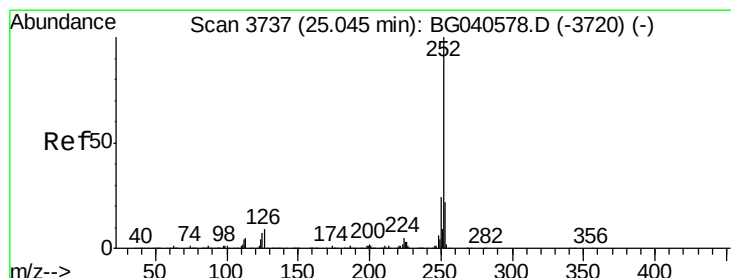
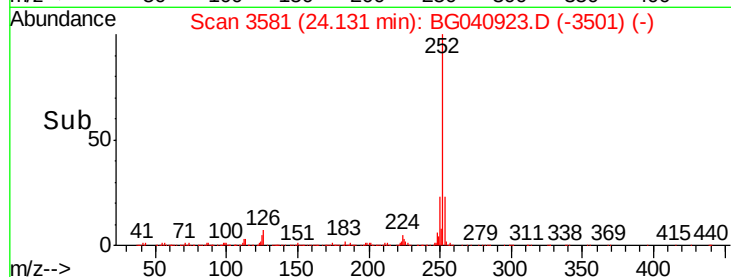
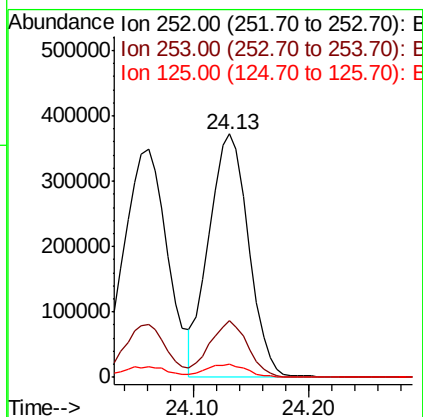
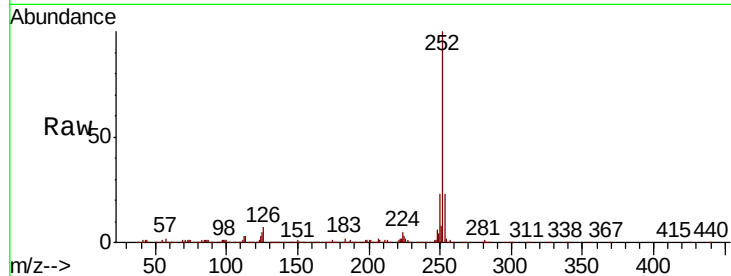
ClientSampled :

IDOC-03

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

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 14.255 ng

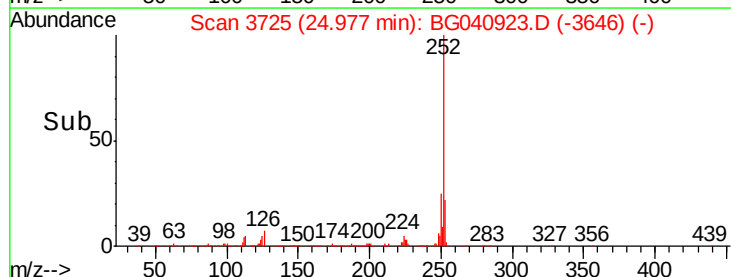
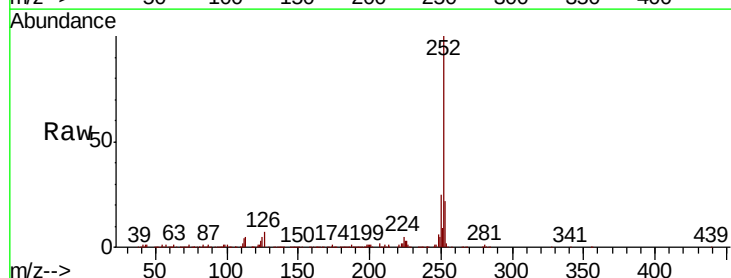
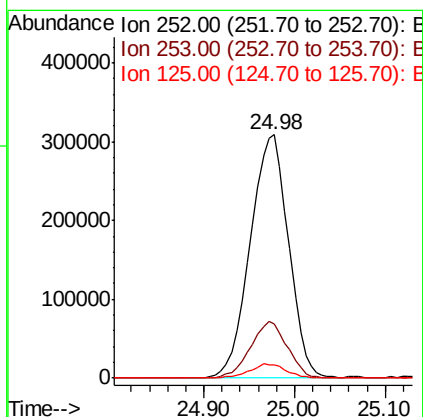
RT: 24.98 min Scan# 3725

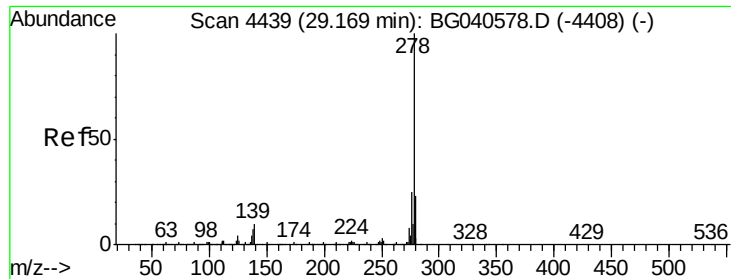
Delta R.T. -0.07 min

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#





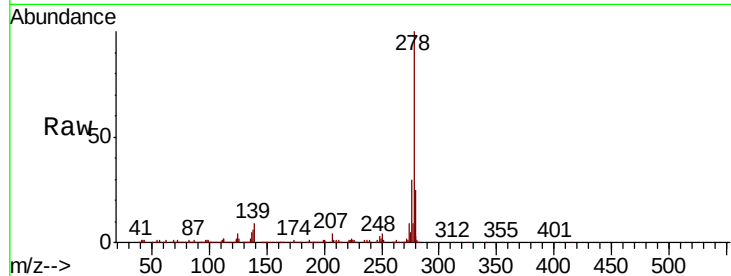
#91
Dibenzo(a,h)anthracene
Concen: 14.084 ng
RT: 29.05 min Scan# 4418
Delta R.T. -0.12 min
Lab File: BG040923.D
Acq: 13 May 2019 22:35

Instrument :
BNA_G
ClientSampled :
IDOC-03

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.7	8.2	12.4
279	25.5	18.5	27.7

Manual Integrations
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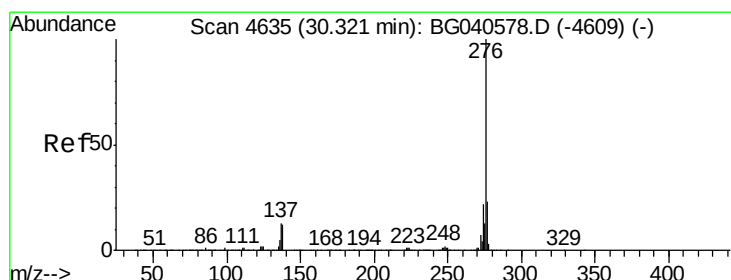
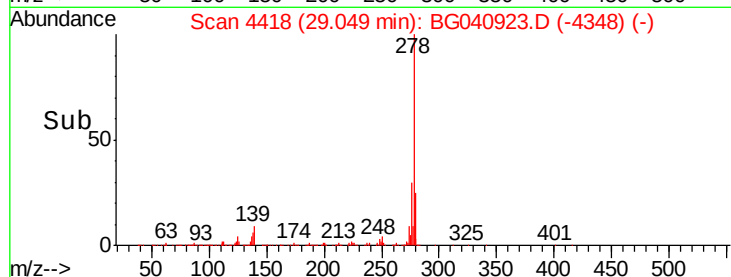
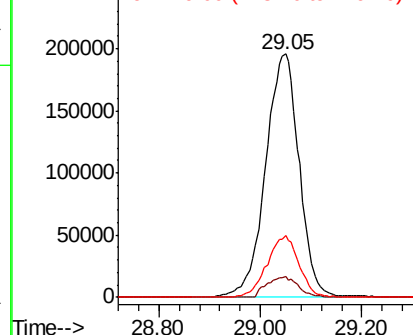


Abundance

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	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

