

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
 Data File : BG043951.D
 Acq On : 7 Jan 2020 12:26
 Operator : JU
 Sample : IDOC-W-02-CG
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
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mohammad
 1/8/2020 4:26:02 PM

Quant Time: Jan 07 16:55:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	114235	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	511923	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	342672	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	744236	20.00	ng	0.00
76) Chrysene-d12	21.59	240	638523	20.00	ng	0.00
87) Perylene-d12	24.72	264	712355	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	756245	121.55	ng	0.00
7) Phenol-d6	7.13	99	1003036	115.34	ng	0.00
23) Nitrobenzene-d5	9.12	82	641057	66.99	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	387477	108.05	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1418648	75.01	ng	0.00
79) Terphenyl-d14	19.95	244	2005748	72.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	103243	38.059	ng	98
3) Pyridine	3.82	79	258348	32.238	ng	94
4) n-Nitrosodimethylamine	3.74	42	134403	37.670	ng	99
6) Aniline	7.28	93	344271	30.139	ng	98
8) 2-Chlorophenol	7.53	128	327627	44.856	ng	98
9) Benzaldehyde	7.09	77	198499	35.663	ng	94
10) Phenol	7.15	94	404996	45.199	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	304903	39.421	ng	98
12) 1,3-Dichlorobenzene	7.85	146	331627	38.800	ng	98
13) 1,4-Dichlorobenzene	7.99	146	334659	39.683	ng	98
14) 1,2-Dichlorobenzene	8.32	146	315369	38.960	ng	99
15) Benzyl Alcohol	8.19	79	279575	40.733	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	426869	35.673	ng	99
17) 2-Methylphenol	8.41	107	283221	43.679	ng	97
18) Hexachloroethane	9.05	117	125732	38.315	ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	242256	37.406	ng	97
20) 3+4-Methylphenols	8.73	107	390826	43.206	ng	97
22) Acetophenone	8.78	105	453058	35.599	ng	99
24) Nitrobenzene	9.16	77	346116	36.519	ng	99
25) Isophorone	9.68	82	656720	36.580	ng	99
26) 2-Nitrophenol	9.87	139	179875	40.114	ng	98
27) 2,4-Dimethylphenol	9.94	122	313871	46.500	ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	426385	35.624	ng	99
29) 2,4-Dichlorophenol	10.41	162	325558	40.435	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	328432	36.381	ng	99
31) Naphthalene	10.81	128	965721	38.983	ng	99
32) Benzoic acid	10.06	122	117425	24.837	ng	98
33) 4-Chloroaniline	10.91	127	264986	22.427	ng	100
34) Hexachlorobutadiene	11.11	225	186471	33.831	ng	96
35) Caprolactam	11.68	113	122184m	40.765	ng	
36) 4-Chloro-3-methylphenol	12.04	107	352909	41.174	ng	98
37) 2-Methylnaphthalene	12.42	142	721330	38.676	ng	99
38) 1-Methylnaphthalene	12.64	142	694160	39.271	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	341788	34.030	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	445354	85.529	nq	100
43) 2,4,6-Trichlorophenol	13.02	196	257343	37.237	nq	99
44) 2,4,5-Trichlorophenol	13.10	196	285240	40.018	nq	98
46) 1,1'-Biphenyl	13.43	154	916888	37.319	nq	99
47) 2-Chloronaphthalene	13.47	162	717905	36.160	nq	98
48) 2-Nitroaniline	13.66	65	232921	36.472	nq	96
49) Acenaphthylene	14.32	152	1137416	39.860	nq	99
50) Dimethylphthalate	14.05	163	923925	37.973	nq	99
51) 2,6-Dinitrotoluene	14.16	165	213603	38.841	nq	99
52) Acenaphthene	14.66	154	808310	40.393	nq	97
53) 3-Nitroaniline	14.49	138	171302	27.430	nq	98
54) 2,4-Dinitrophenol	14.69	184	174902	63.632	nq	98
55) Dibenzofuran	14.99	168	1093321	39.688	nq	100
56) 4-Nitrophenol	14.80	139	395607	82.666	nq	96
57) 2,4-Dinitrotoluene	14.95	165	296883	39.674	nq	93
58) Fluorene	15.64	166	869725	39.833	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	243558	39.738	nq	98
60) Diethylphthalate	15.42	149	947035	38.915	nq	99
61) 4-Chlorophenyl-phenylether	15.63	204	453270	38.231	nq	98
62) 4-Nitroaniline	15.65	138	226400	36.711	nq	98
63) Azobenzene	15.93	77	903073	40.014	nq	98
65) 4,6-Dinitro-2-methylphenol	15.72	198	148666	39.615	nq	99
66) n-Nitrosodiphenylamine	15.85	169	821190	37.469	nq	99
67) 4-Bromophenyl-phenylether	16.53	248	296448	35.416	nq	99
68) Hexachlorobenzene	16.65	284	312166	34.611	nq	98
69) Atrazine	16.80	200	306424	43.012	nq	99
70) Pentachlorophenol	16.99	266	336528	67.686	nq	97
71) Phenanthrene	17.38	178	1372748	38.455	nq	99
72) Anthracene	17.47	178	1416556	40.153	nq	99
73) Carbazole	17.74	167	1283068	39.372	nq	99
74) Di-n-butylphthalate	18.31	149	1584990	38.094	nq	99
75) Fluoranthene	19.39	202	1561651	38.252	nq	98
77) Benzidine	19.56	184	688952	42.926	nq	98
78) Pyrene	19.75	202	1562664	37.493	nq	98
80) Butylbenzylphthalate	20.64	149	733190	36.950	nq	100
81) Benzo(a)anthracene	21.57	228	1522611	38.457	nq	99
82) 3,3'-Dichlorobenzidine	21.48	252	482870	30.870	nq	100
83) Chrysene	21.63	228	1445630	38.426	nq	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	1034912	37.799	nq	98
85) Di-n-octyl phthalate	22.68	149	1789375	38.875	nq	98
86) Indeno(1,2,3-cd)pyrene	28.25	276	1820038	35.598	nq	# 88
88) Benzo(b)fluoranthene	23.73	252	1596023	37.899	nq	98
89) Benzo(k)fluoranthene	23.79	252	1580488	39.466	nq	100
90) Benzo(a)pyrene	24.57	252	1491098	37.515	nq	98
91) Dibenzo(a,h)anthracene	28.32	278	1495570	37.466	nq	97
92) Benzo(g,h,i)perylene	29.36	276	1446110	36.471	nq	96

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

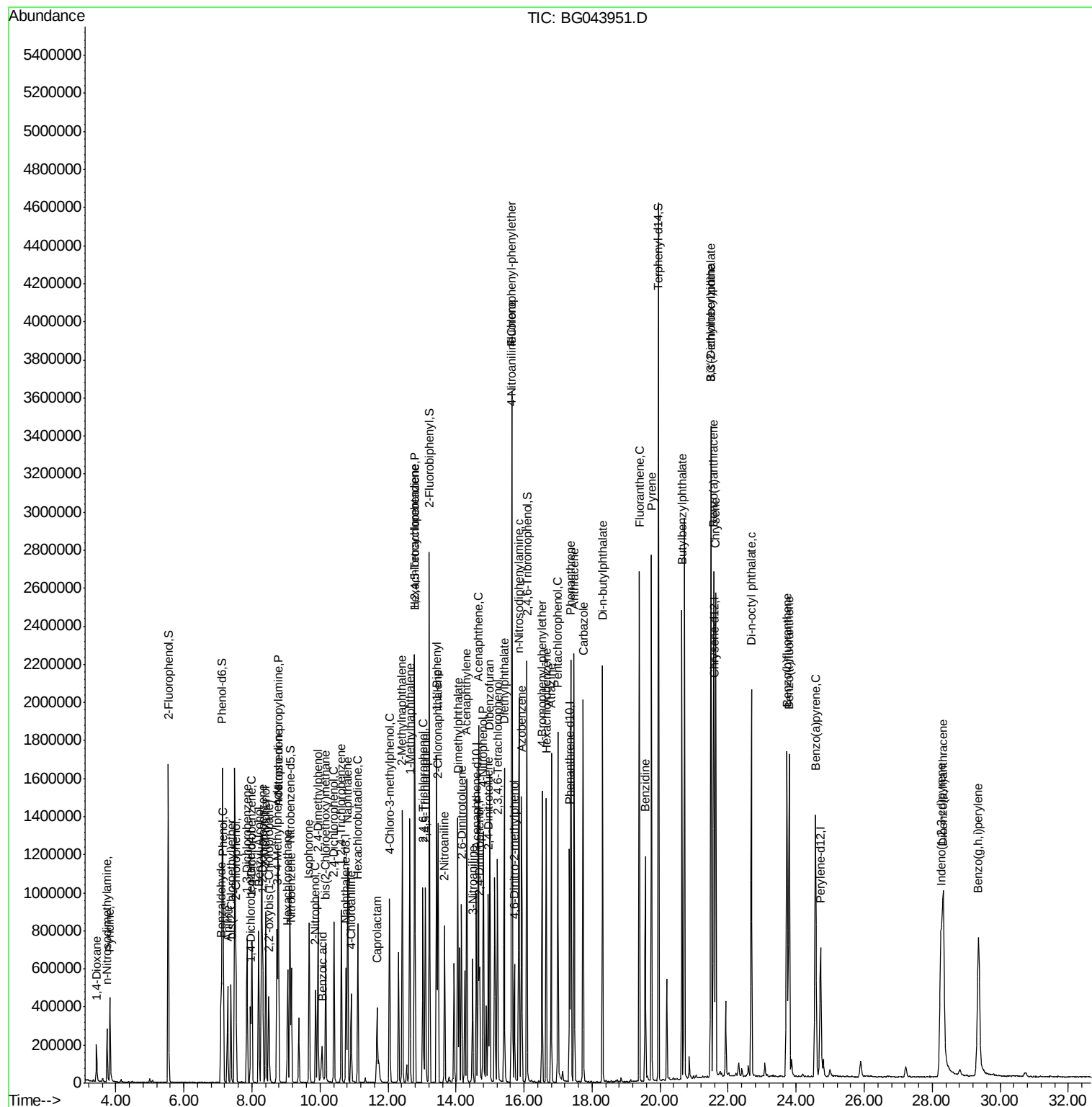
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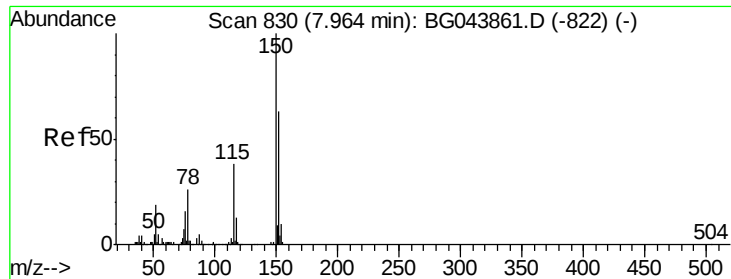
Instrument :
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#1

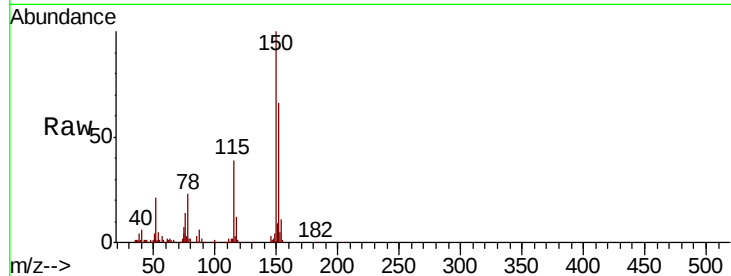
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	127.0	190.4
115	59.1	47.8	71.8

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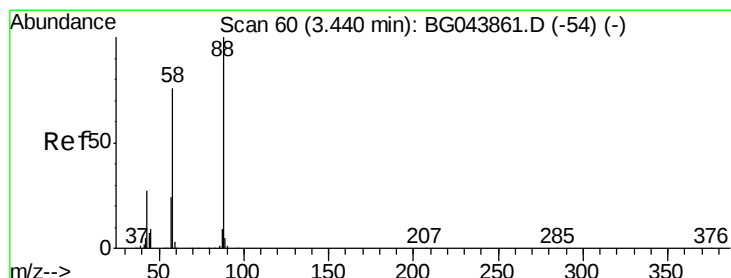
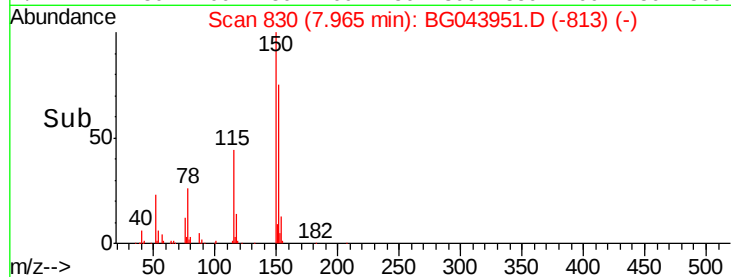
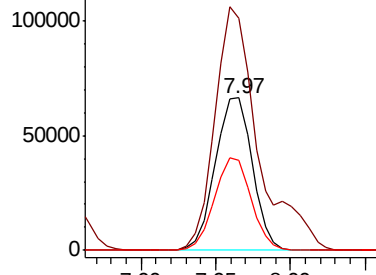


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

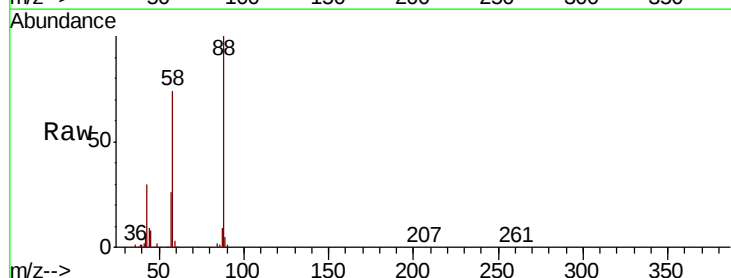
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.059 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.4	59.8	89.8
43	27.1	22.9	34.3

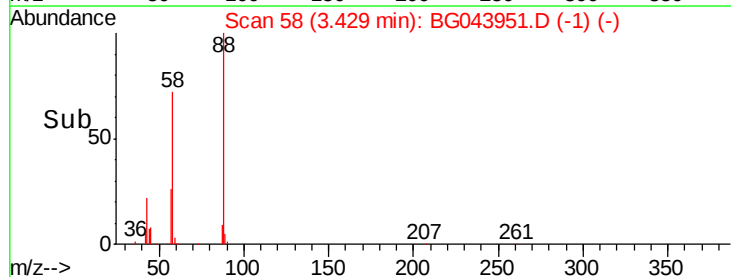
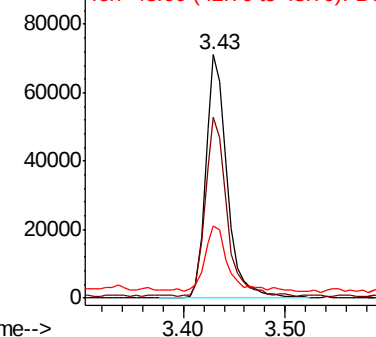


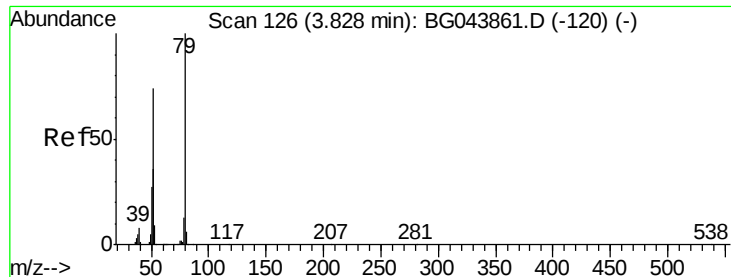
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.238 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

Instrument :

BNA_G

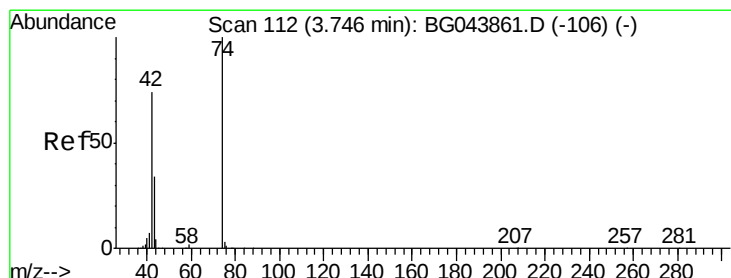
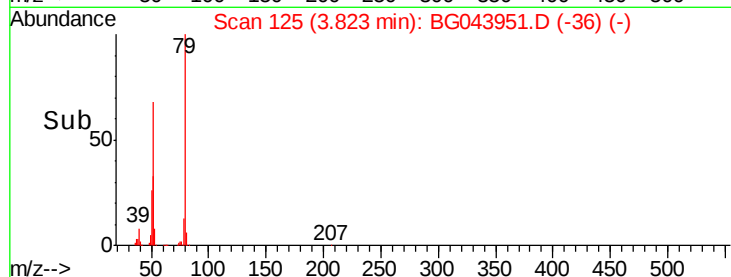
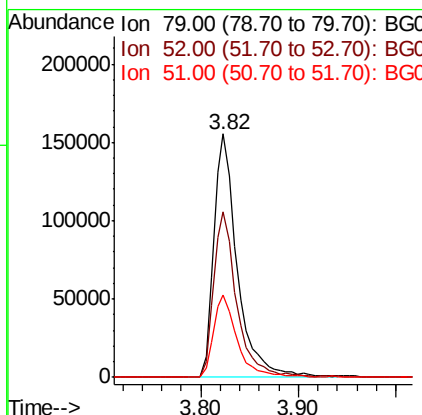
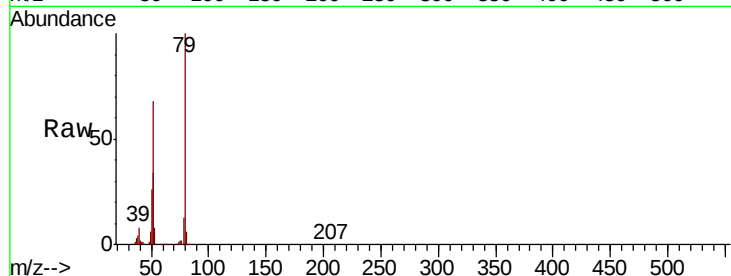
ClientSampleId :

IDOC-W-02-CG

Tot Ion:	79	Resp:	258348
Ion Ratio	Lower	Upper	
79	100		
52	68.2	58.9	88.3
51	33.7	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 37.670 ng

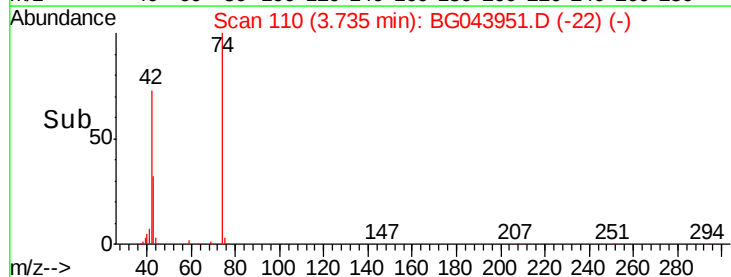
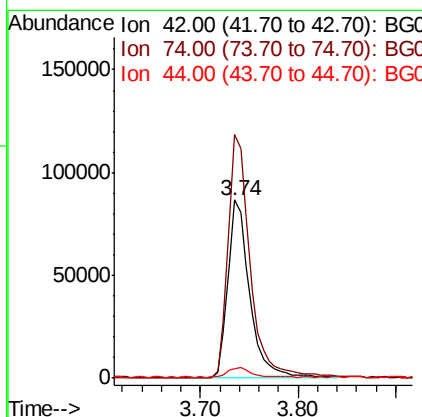
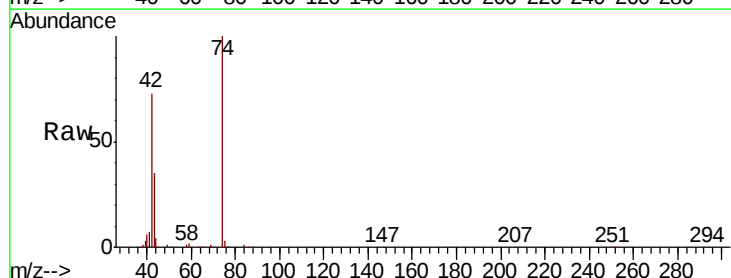
RT: 3.74 min Scan# 110

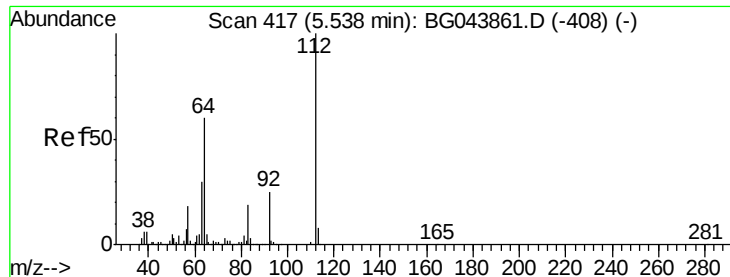
Delta R.T. -0.01 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

Tgt Ion:	42	Resp:	134403
Ion Ratio	Lower	Upper	
42	100		
74	136.9	108.6	162.8
44	5.3	5.0	7.6





#5

2-Fluorophenol

Concen: 121.553 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

Instrument :

BNA_G

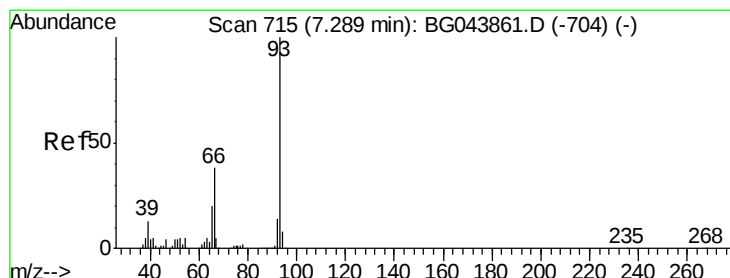
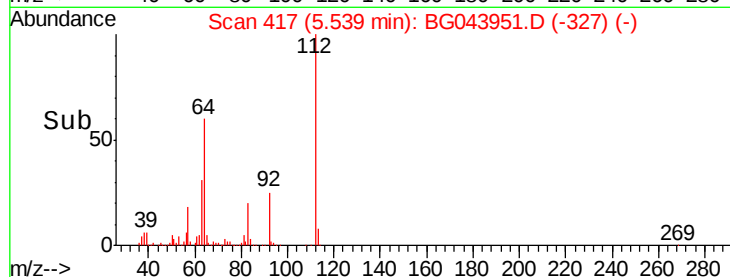
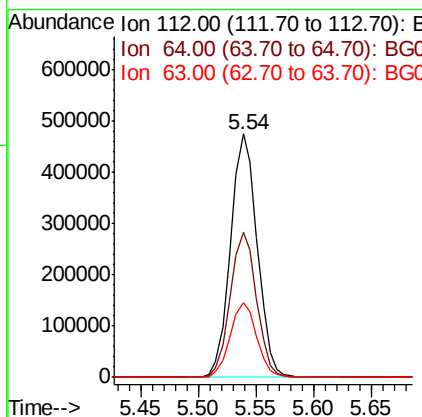
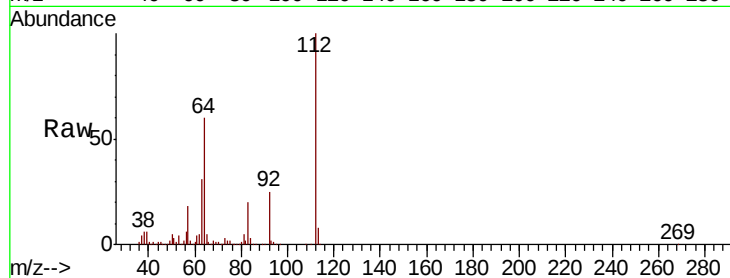
ClientSampleId :

IDOC-W-02-CG

Tot Ion:	112	Resp:	756245
Ion Ratio	Lower	Upper	
112	100		
64	59.8	47.8	71.6
63	30.9	24.3	36.5

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#6

Aniline

Concen: 30.139 ng

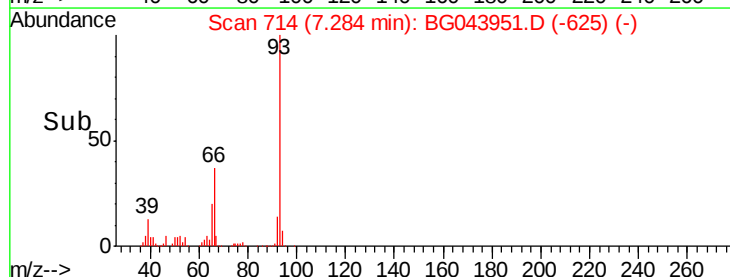
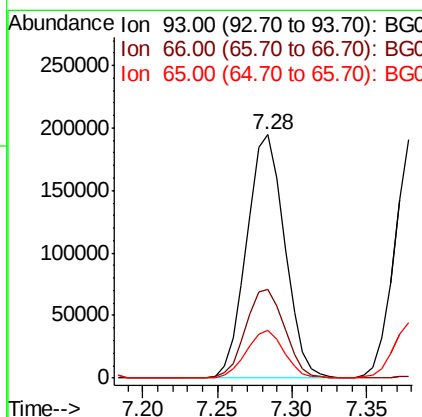
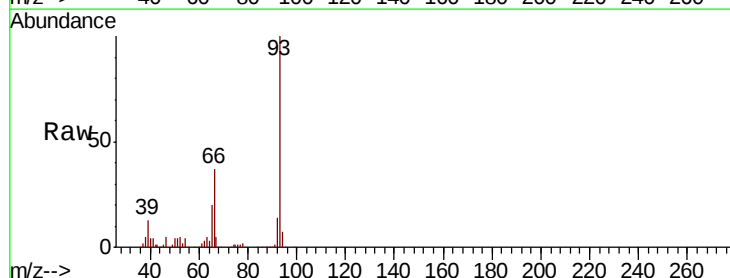
RT: 7.28 min Scan# 714

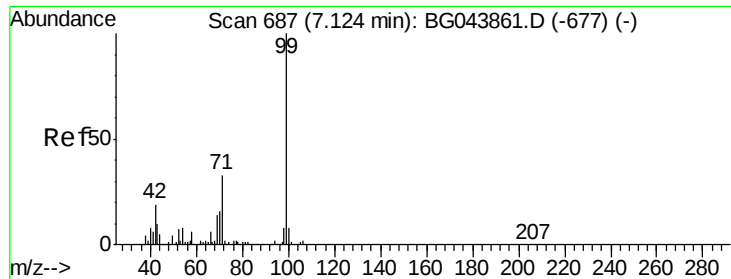
Delta R.T. -0.00 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

Tgt Ion:	93	Resp:	344271
Ion Ratio	Lower	Upper	
93	100		
66	36.7	30.8	46.2
65	19.6	16.0	24.0





#7

Phenol-d6

Concen: 115.337 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

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ClientSampleId :

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Tot Ion: 99 Resp: 1003036

Ion Ratio Lower Upper

99 100

42 18.6 14.9 22.3

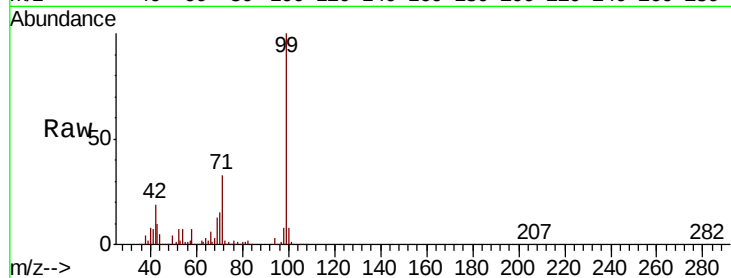
71 33.1 26.4 39.6

Manual Integrations

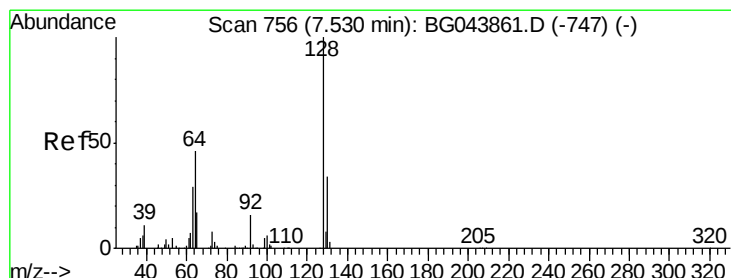
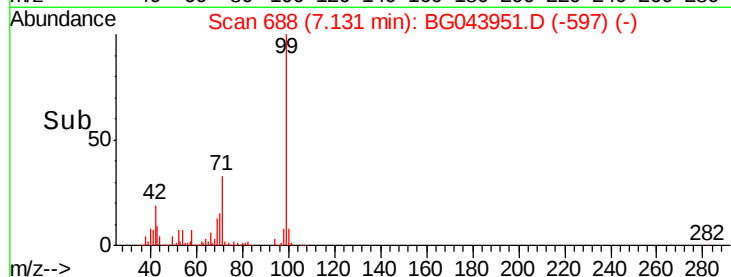
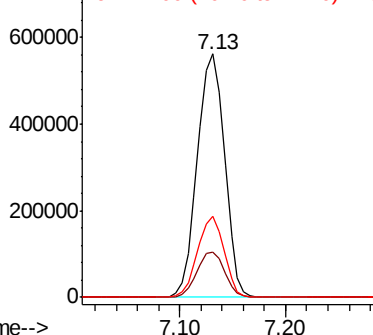
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.856 ng

RT: 7.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

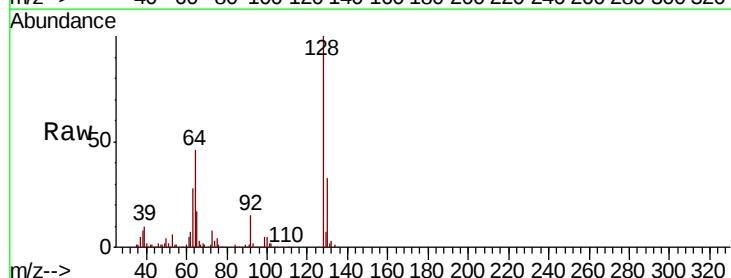
Tgt Ion: 128 Resp: 327627

Ion Ratio Lower Upper

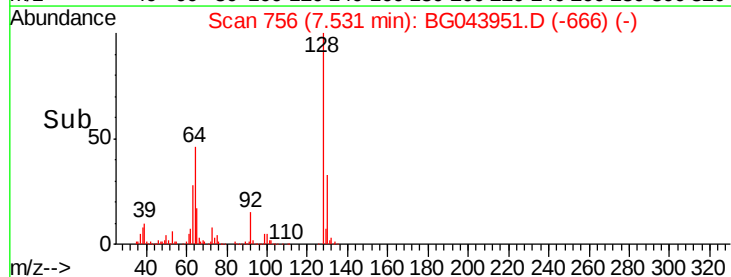
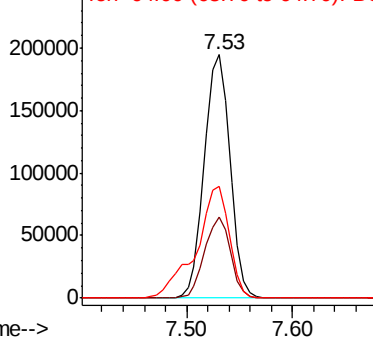
128 100

130 33.0 13.8 53.8

64 45.7 27.6 67.6



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





#9

Benzaldehyde

Concen: 35.663 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

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Acq: 7 Jan 2020 12:26

Instrument :

BNA_G

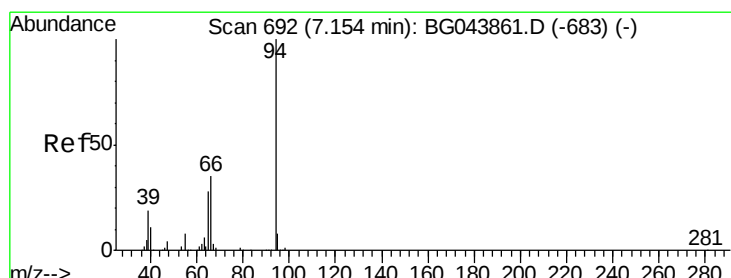
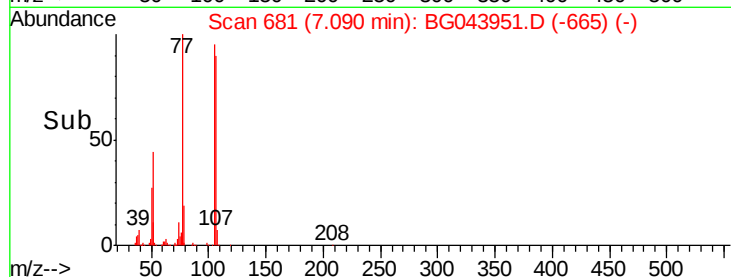
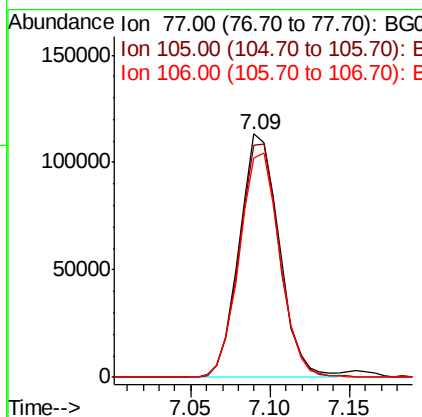
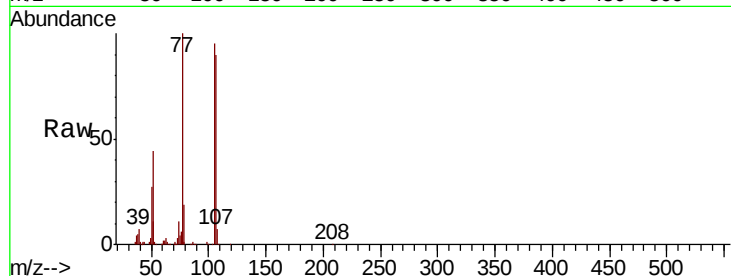
ClientSampleId :

IDOC-W-02-CG

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.4	80.2	120.2
106	90.3	77.2	117.2

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#10

Phenol

Concen: 45.199 ng

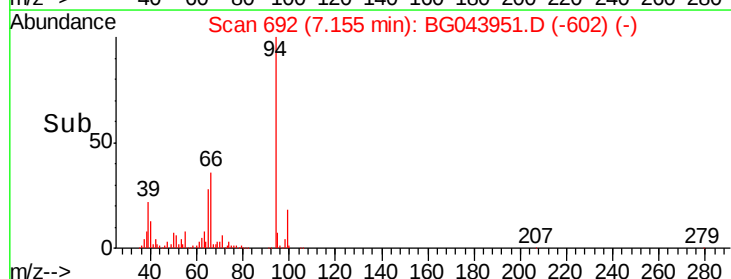
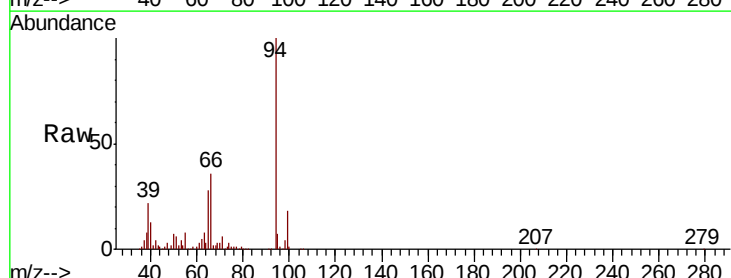
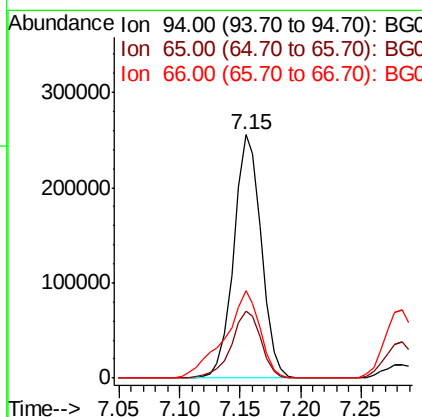
RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.6	8.1	48.1
66	35.8	15.6	55.6





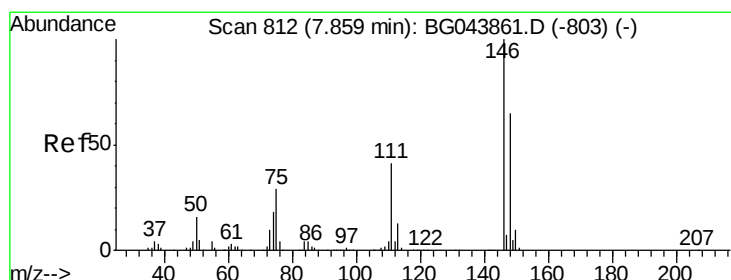
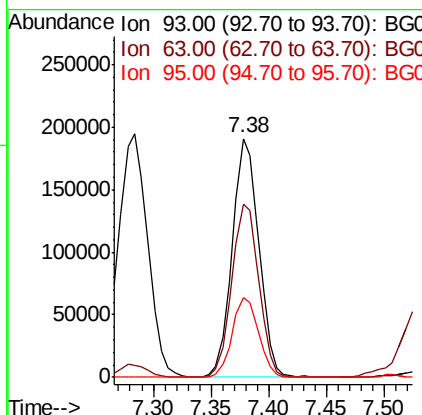
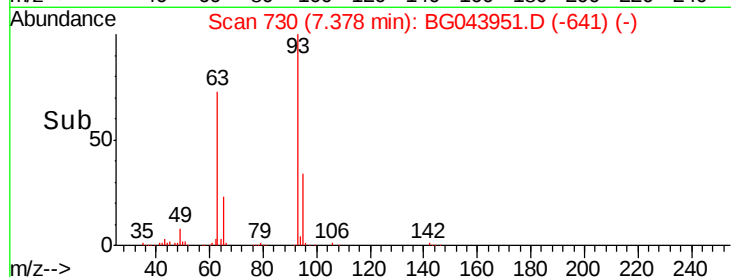
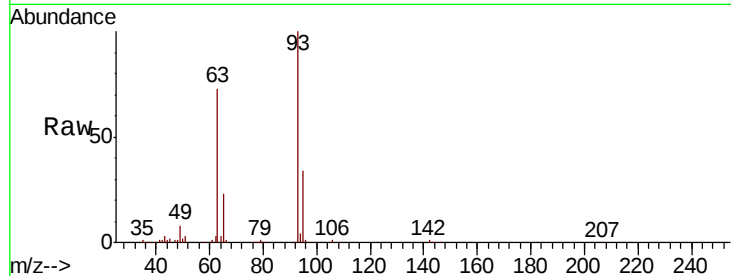
#11
bis(2-Chloroethyl)ether
Concen: 39.421 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.8	55.0	95.0
95	33.6	13.3	53.3

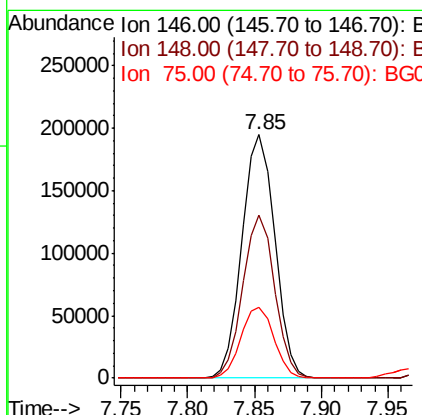
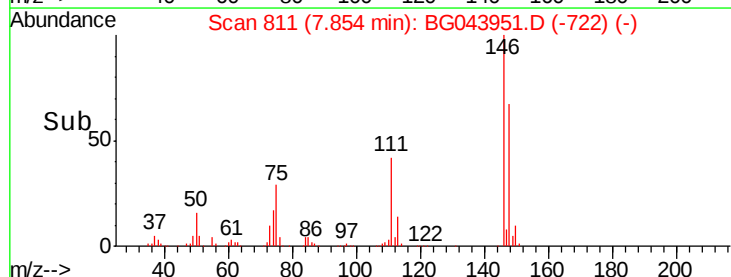
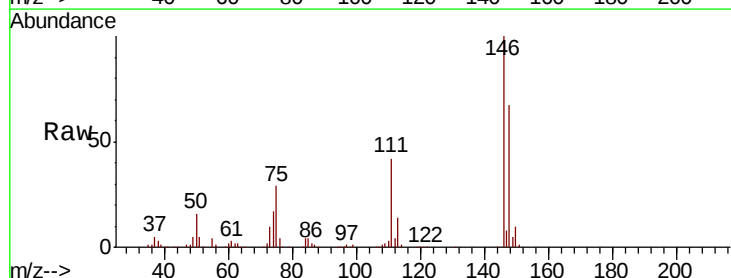
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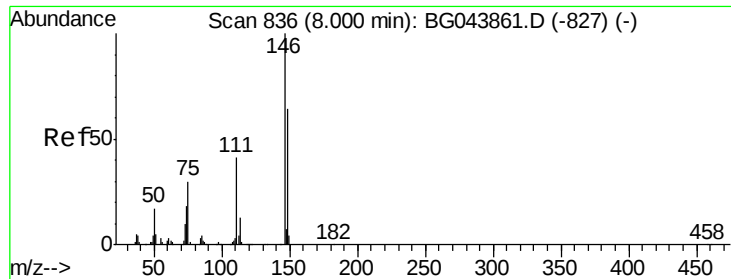
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#12
1,3-Dichlorobenzene
Concen: 38.800 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.8	52.1	78.1
75	29.2	23.0	34.4





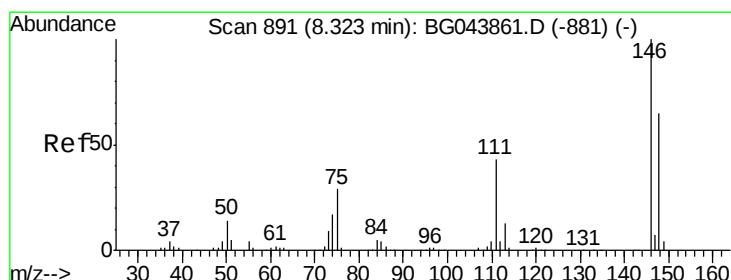
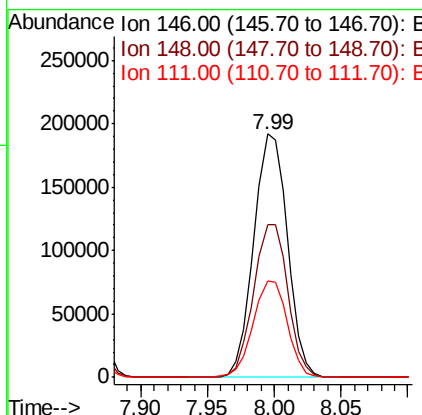
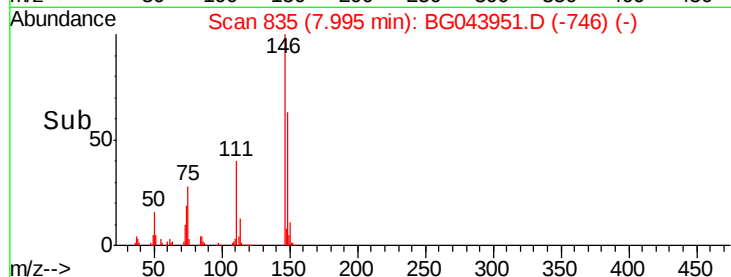
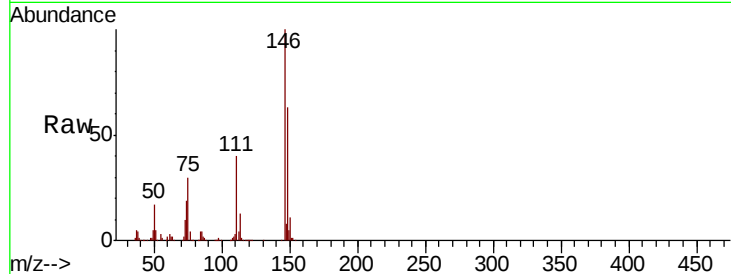
#13
 1,4-Dichlorobenzene
 Concen: 39.683 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BG043951.D
 Acq: 7 Jan 2020 12:26

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.2	76.8
111	39.9	33.1	49.7

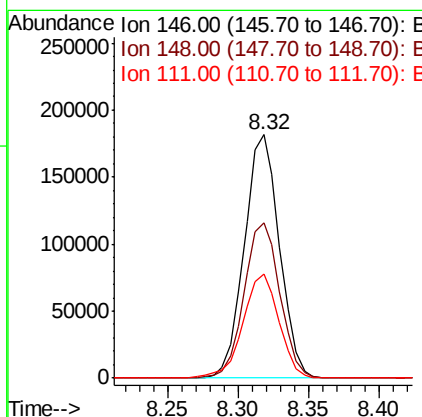
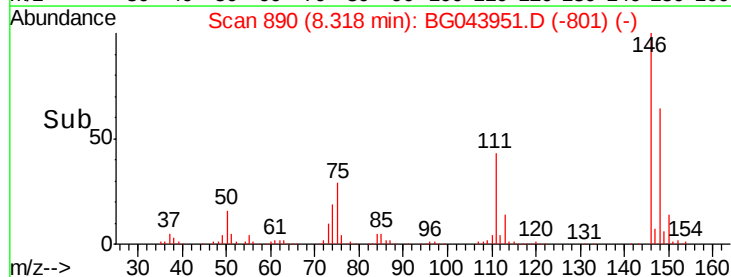
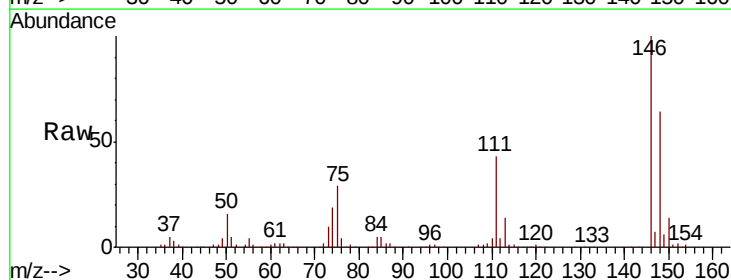
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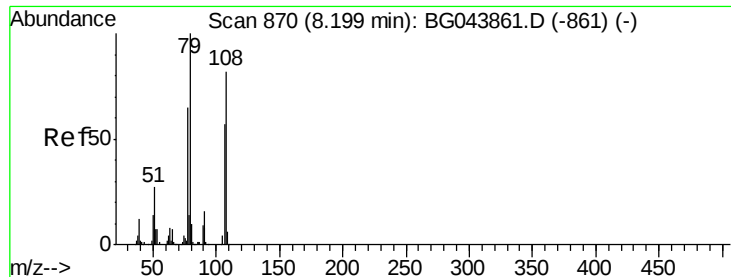
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#14
 1,2-Dichlorobenzene
 Concen: 38.960 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BG043951.D
 Acq: 7 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.7	77.5
111	42.8	34.4	51.6





#15

Benzyl Alcohol

Concen: 40.733 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

Instrument :

BNA_G

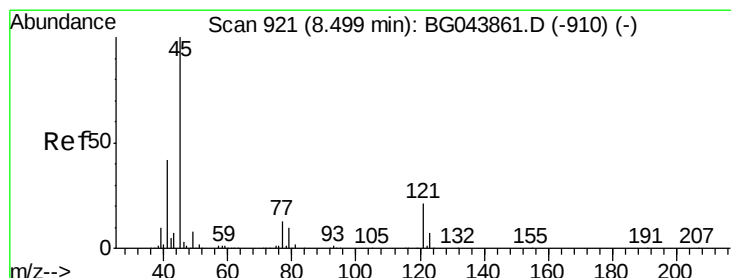
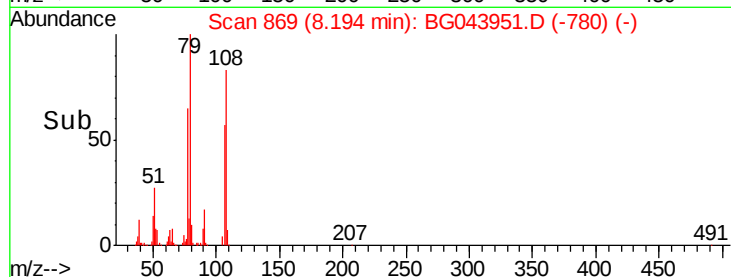
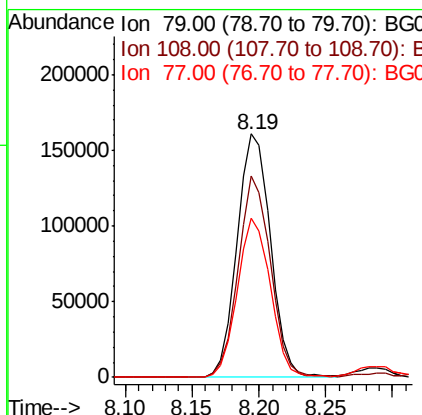
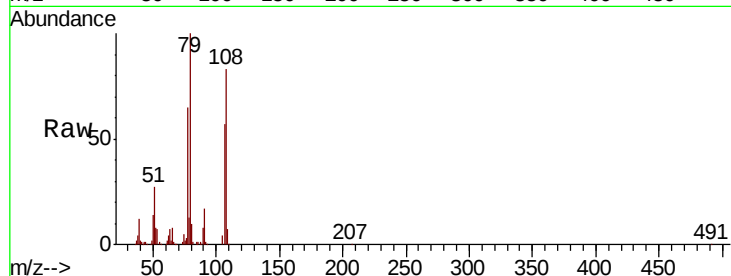
ClientSampleId :

IDOC-W-02-CG

Tot Ion:	79	Resp:	279575
Ion Ratio	Lower	Upper	
79	100		
108	82.5	65.6	98.4
77	65.4	52.0	78.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.673 ng

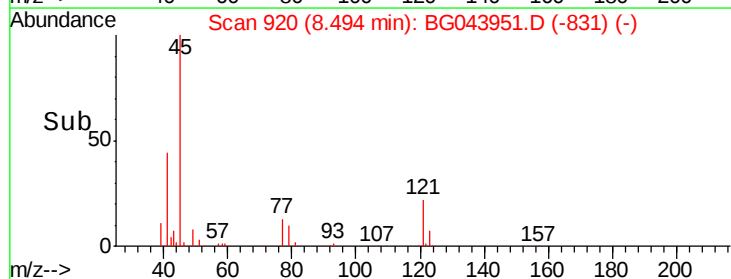
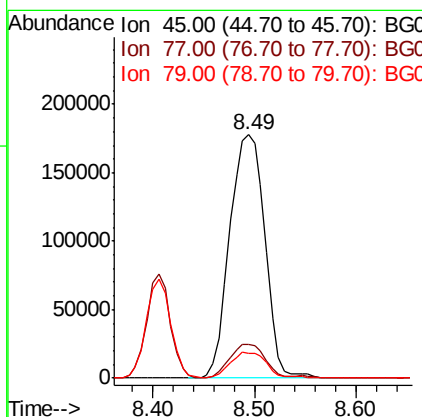
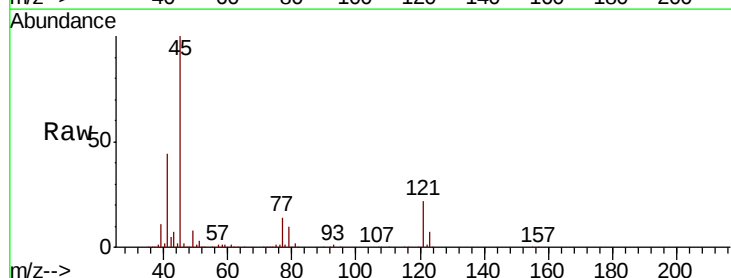
RT: 8.49 min Scan# 920

Delta R.T. -0.00 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

Tgt Ion:	45	Resp:	426869
Ion Ratio	Lower	Upper	
45	100		
77	13.7	0.0	33.8
79	10.3	0.0	31.0





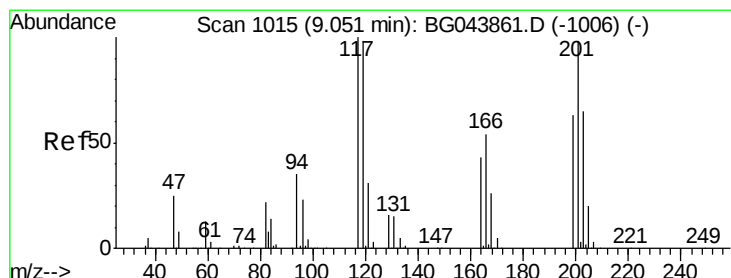
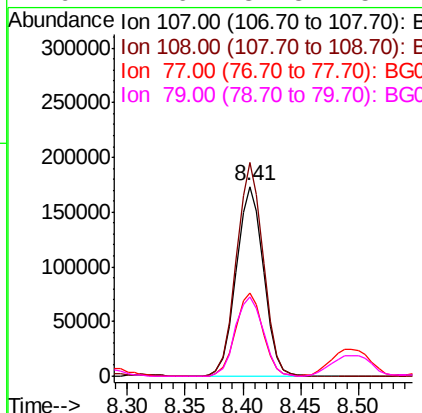
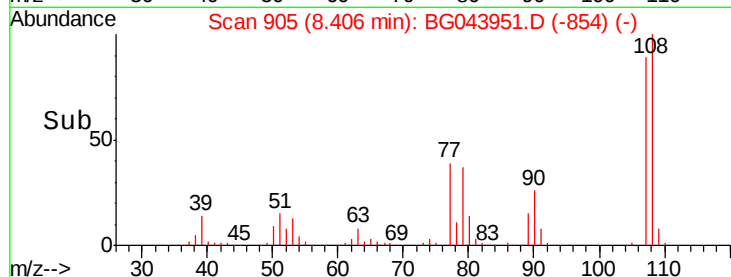
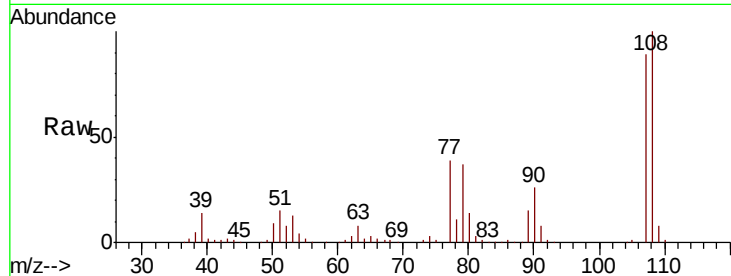
#17
2-Methylphenol
Concen: 43.679 ng
RT: 8.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100	283221		
108	112.5	86.1	129.1	
77	43.8	35.4	53.0	
79	41.6	34.8	52.2	

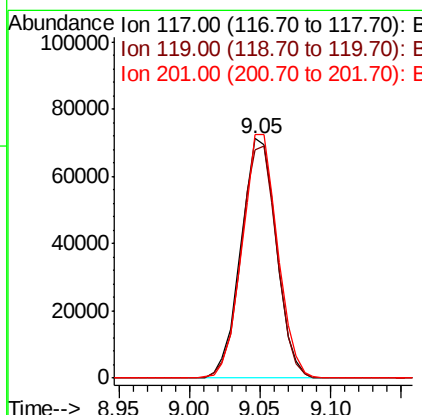
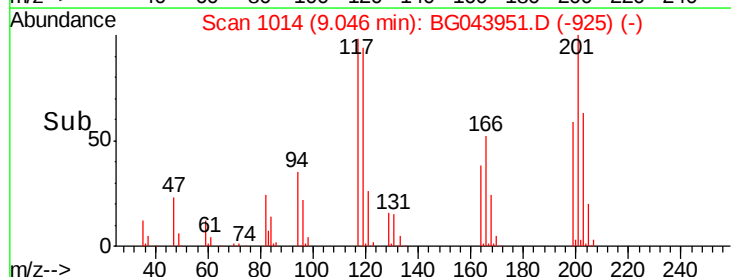
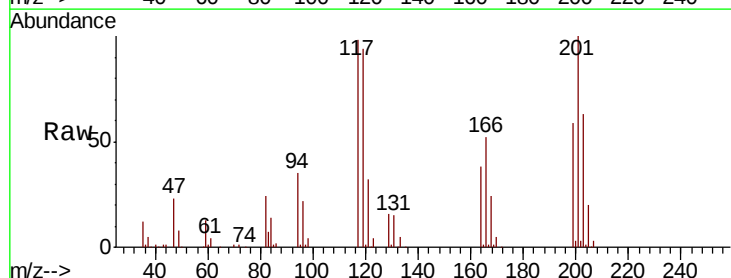
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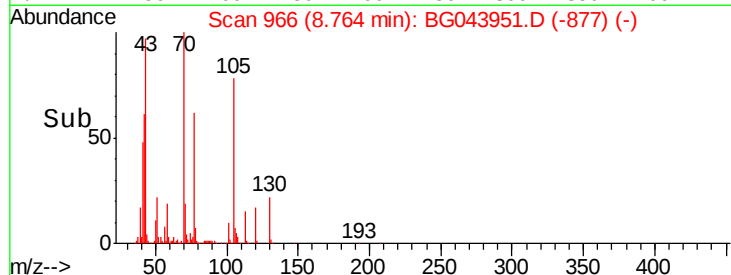
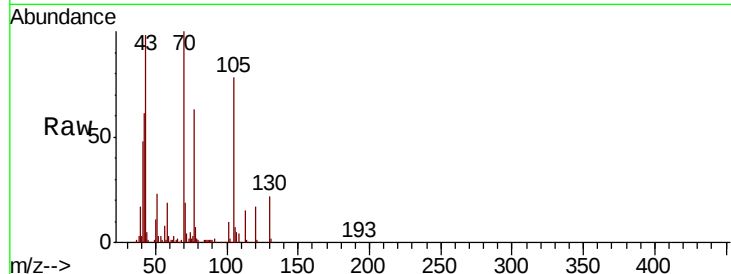
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#18
Hexachloroethane
Concen: 38.315 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	125732		
119	95.5	78.1	117.1	
201	101.7	78.6	117.8	





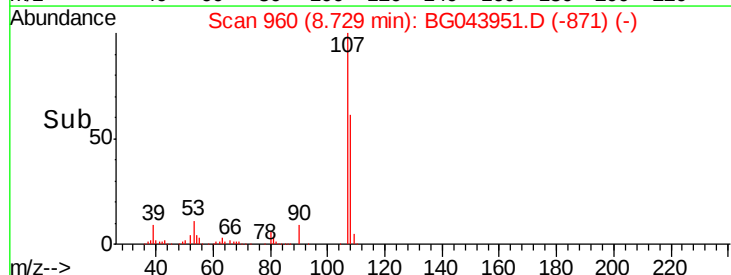
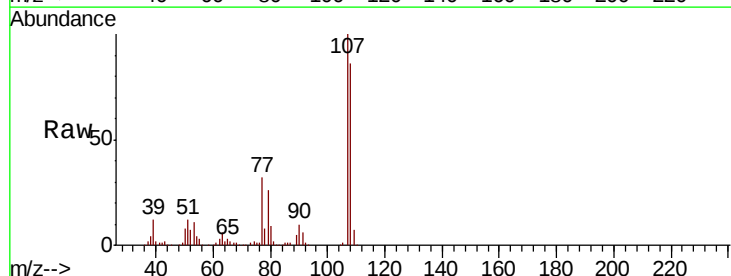
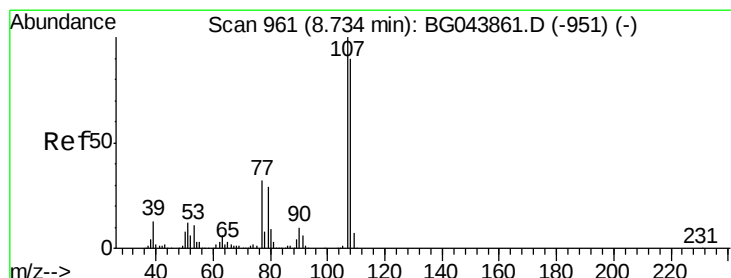
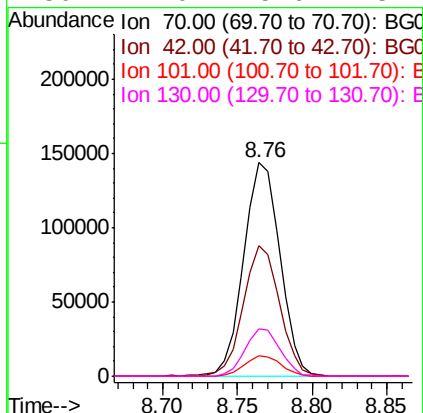
#19
n-Nitroso-di-n-propylamine
Concen: 37.406 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

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

Tot Ion	Ion	Ratio	Lower	Upper
242256	70	100		
	42	60.9	47.0	70.4
	101	9.7	7.2	10.8
	130	22.0	15.6	23.4

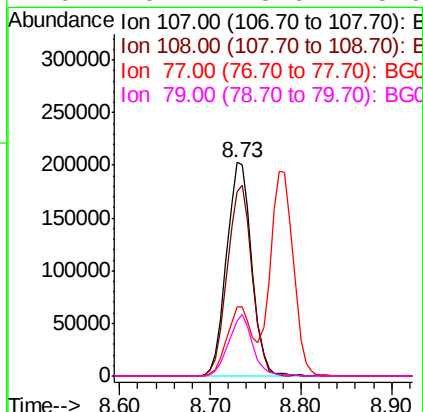
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#20
3+4-Methylphenols
Concen: 43.206 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion	Ion	Ratio	Lower	Upper
390826	107	100		
	108	86.2	70.3	110.3
	77	32.3	12.4	52.4
	79	26.1	8.6	48.6





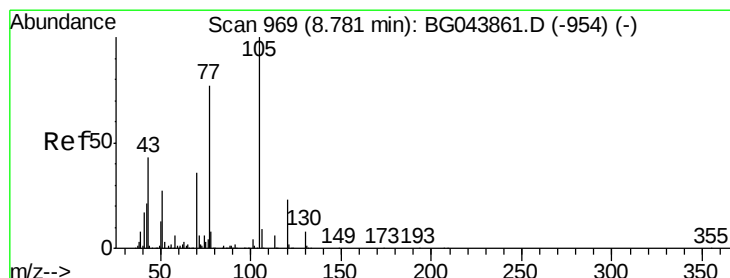
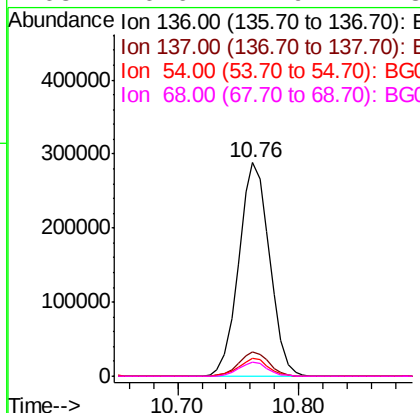
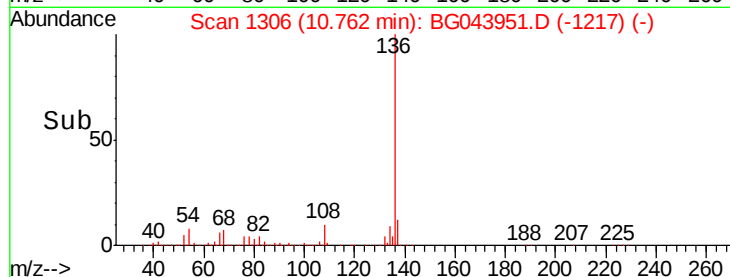
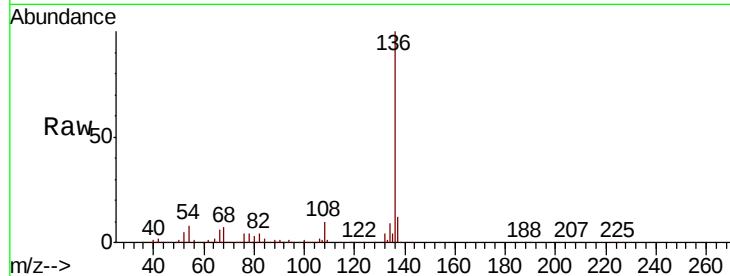
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		511923		
137	11.5	8.8	13.2		
54	8.2	7.0	10.4		
68	6.6	4.9	7.3		

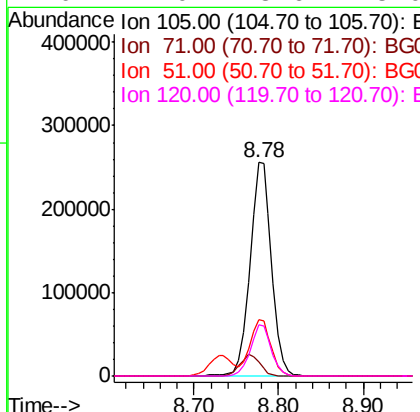
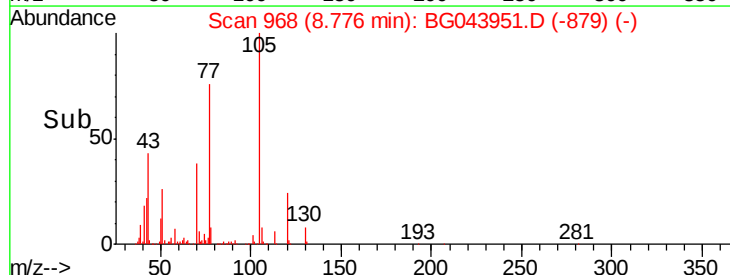
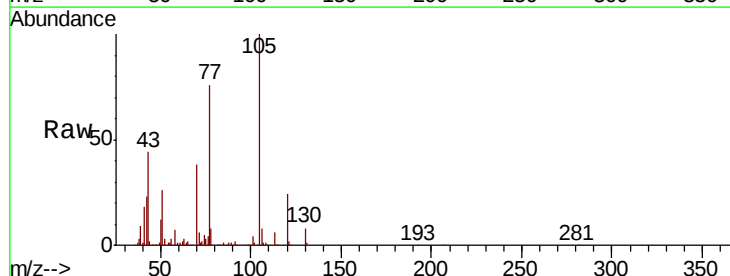
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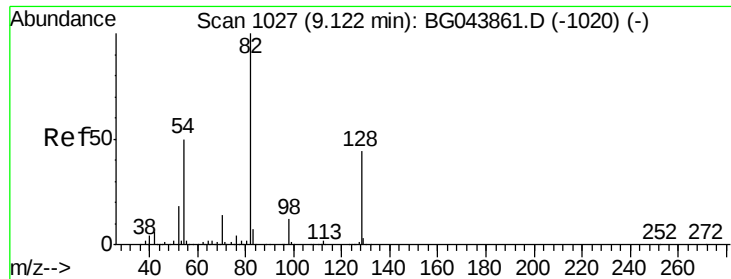
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#22
Acetophenone
Concen: 35.599 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		453058		
71	6.4	4.8	7.2		
51	26.4	21.4	32.0		
120	24.0	18.6	28.0		





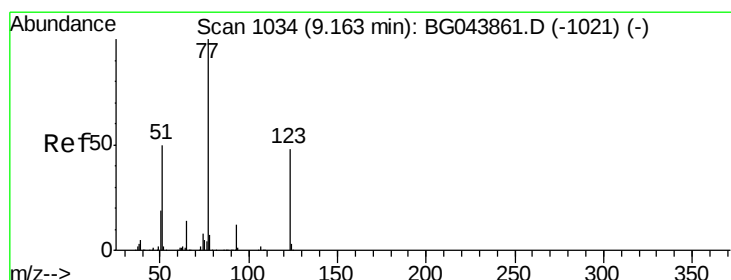
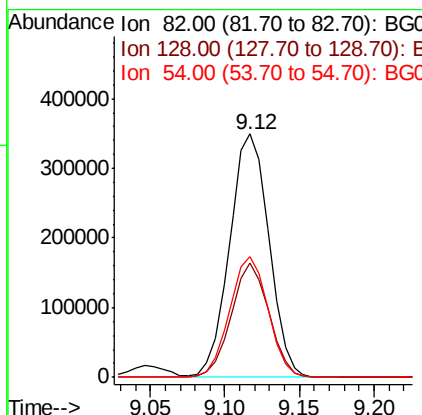
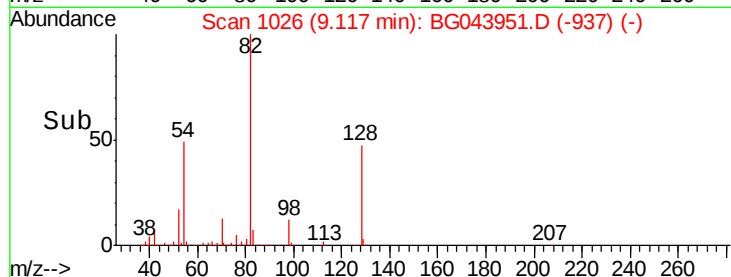
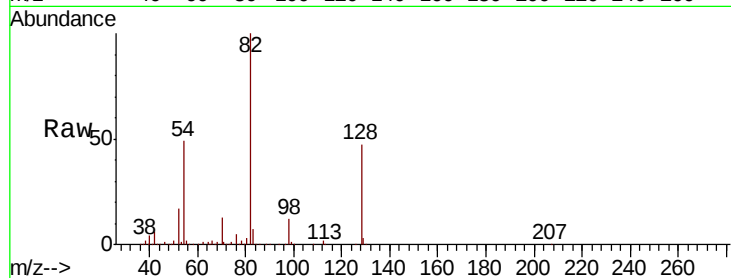
#23
Nitrobenzene-d5
Concen: 66.990 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	35.1	52.7
54	49.4	40.1	60.1

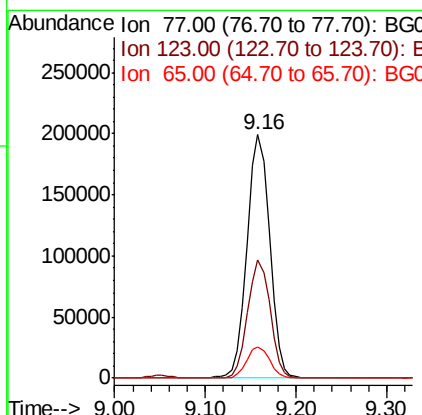
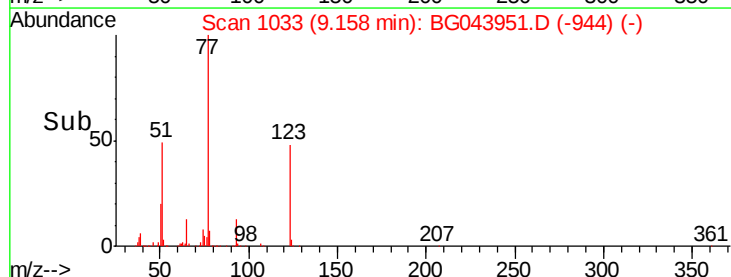
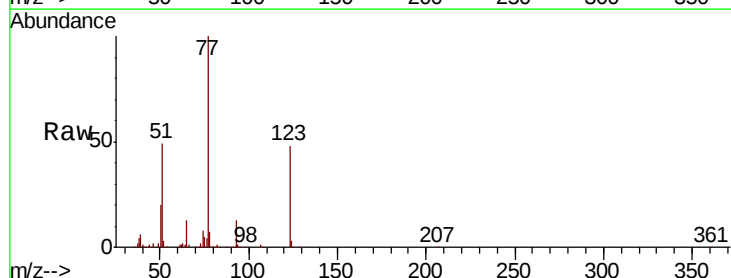
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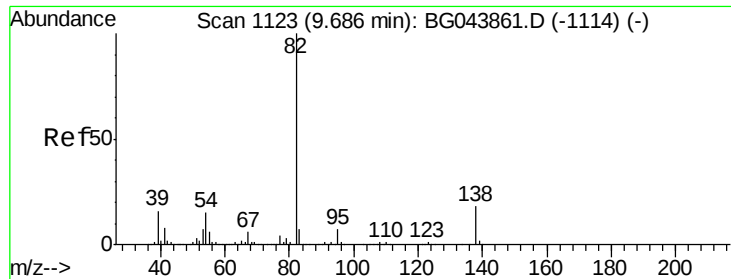
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#24
Nitrobenzene
Concen: 36.519 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.3	38.7	58.1
65	13.0	11.1	16.7





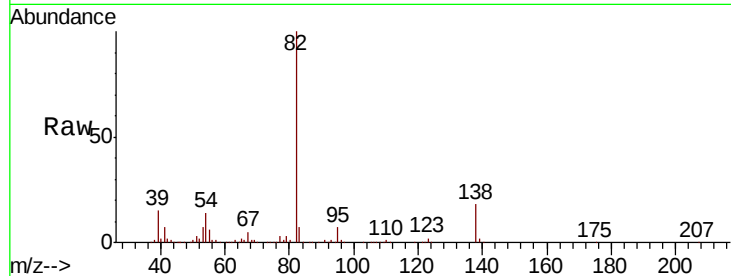
#25
Isophorone
Concen: 36.580 ng
RT: 9.68 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

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

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	17.8	14.6	22.0

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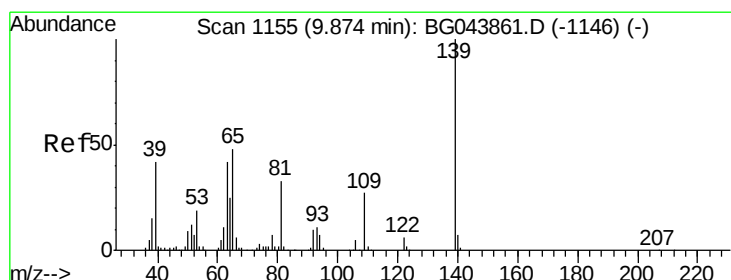
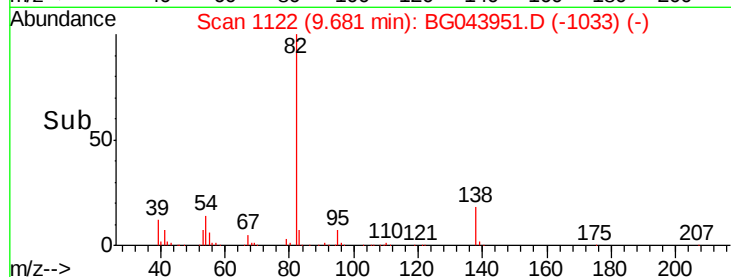
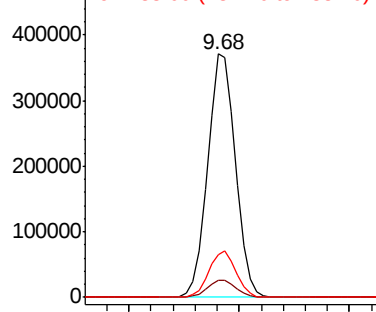


Abundance

Ion 82.00 (81.70 to 82.70): BGC

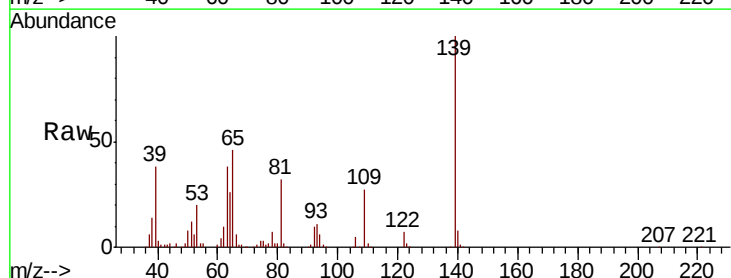
Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#26
2-Nitrophenol
Concen: 40.114 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.7	21.3	31.9
65	45.9	38.6	57.8

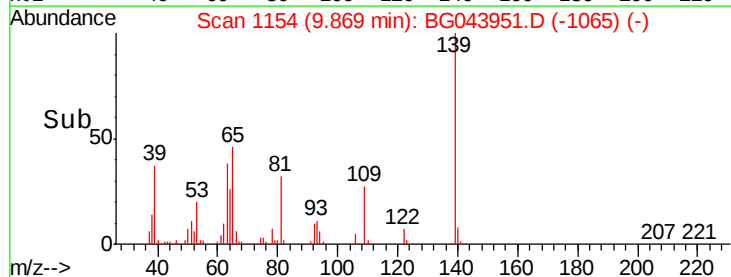
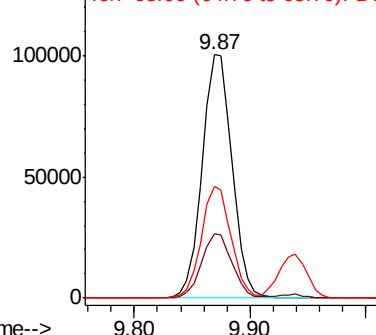


Abundance

Ion 139.00 (138.70 to 139.70): BGC

Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





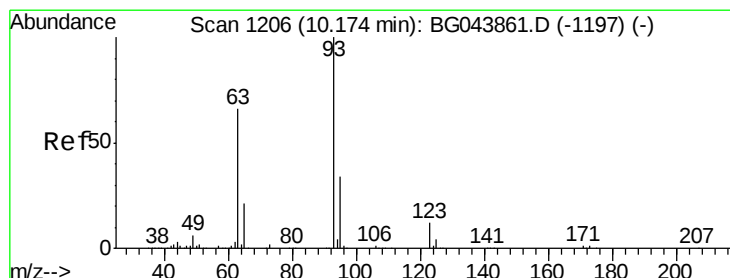
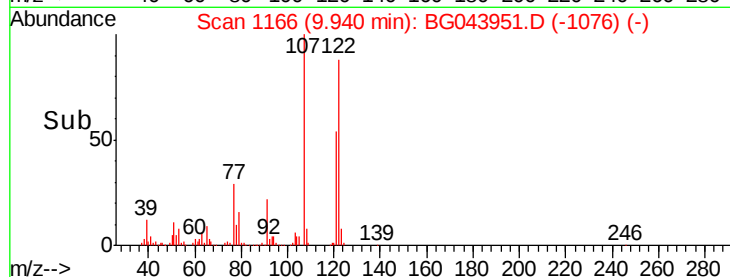
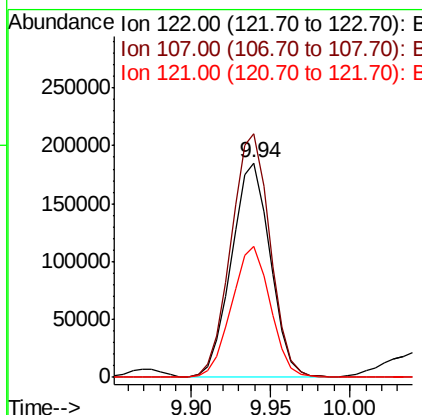
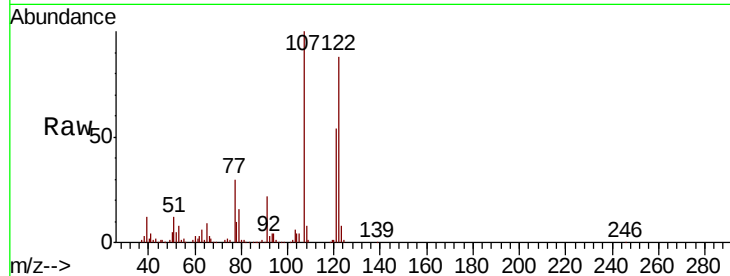
#27
2,4-Dimethylphenol
Concen: 46.500 ng
RT: 9.94 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100	313871		
107	113.5	88.0	132.0	
121	60.9	49.0	73.4	

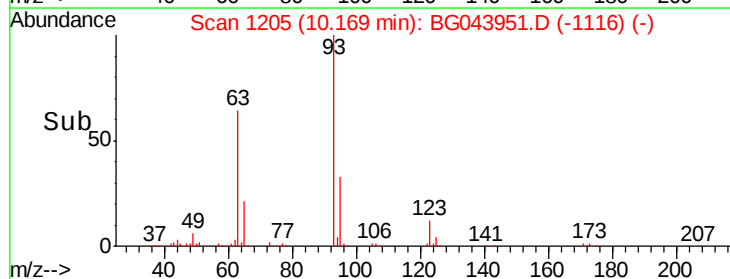
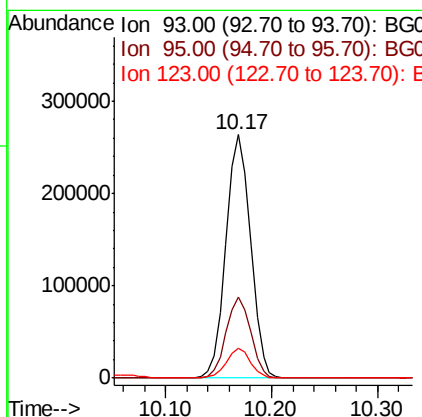
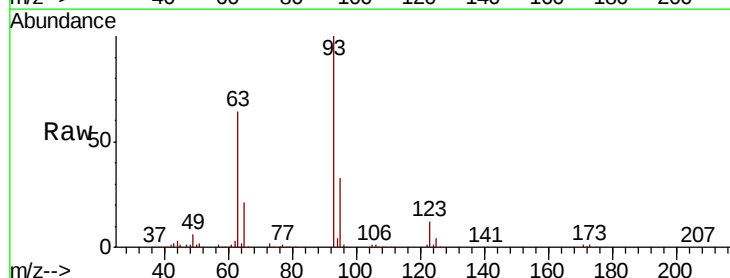
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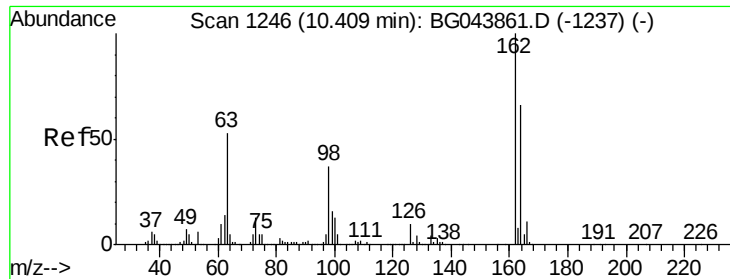
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 35.624 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	426385		
95	33.4	27.2	40.8	
123	12.0	9.7	14.5	





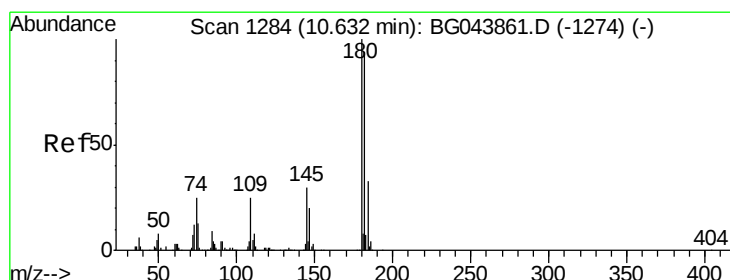
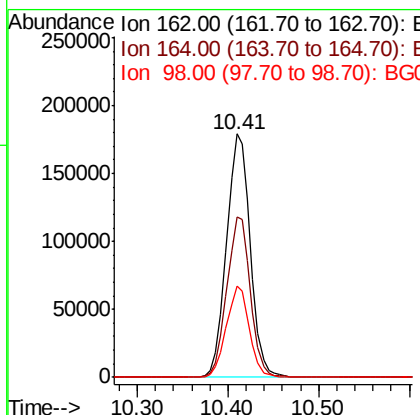
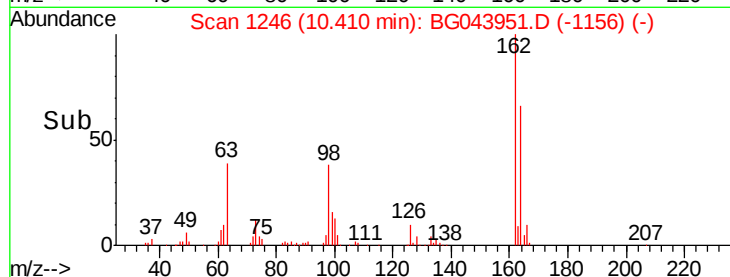
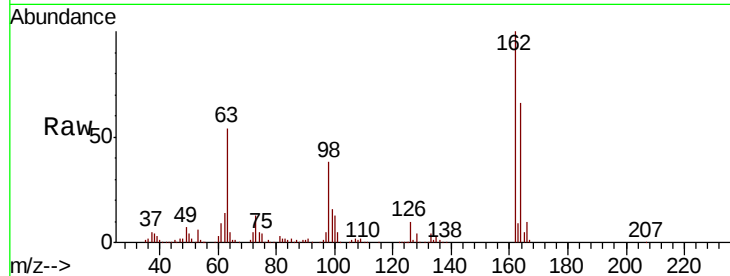
#29
 2,4-Dichlorophenol
 Concen: 40.435 ng
 RT: 10.41 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BG043951.D
 Acq: 7 Jan 2020 12:26

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	325558		
164	65.6	46.3	86.3	
98	37.7	17.3	57.3	

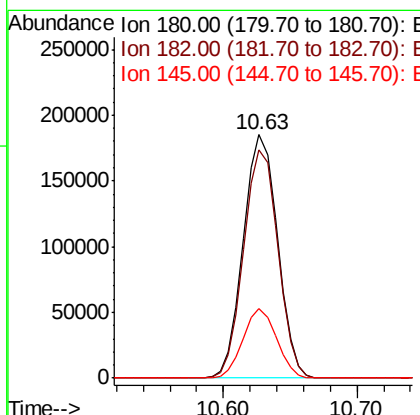
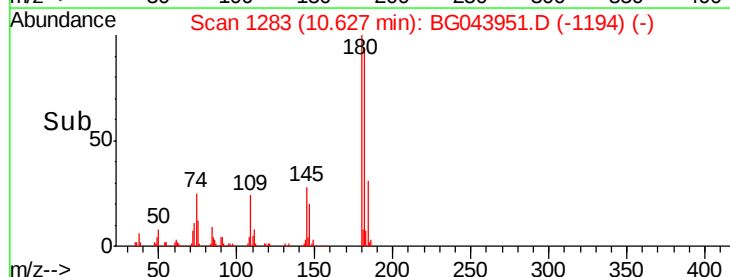
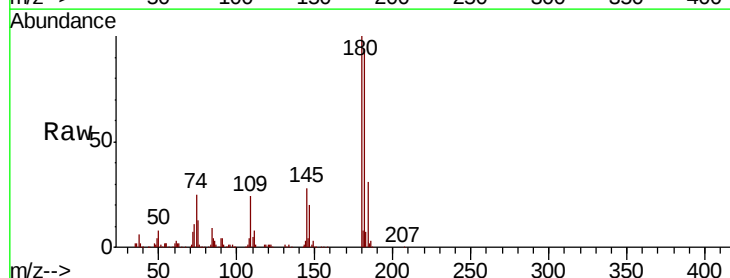
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.381 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BG043951.D
 Acq: 7 Jan 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	328432		
182	93.8	75.0	112.4	
145	28.5	24.2	36.4	





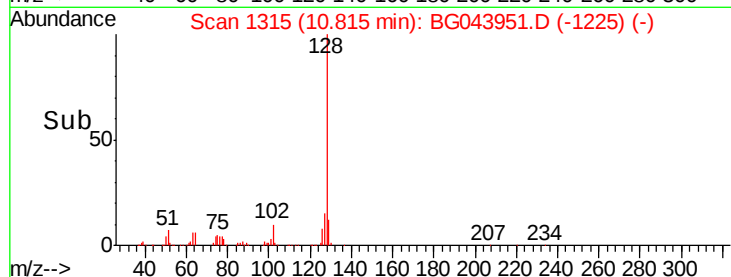
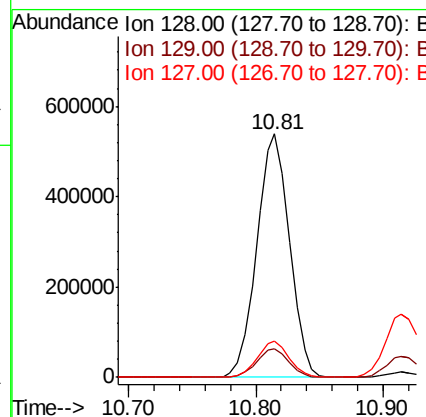
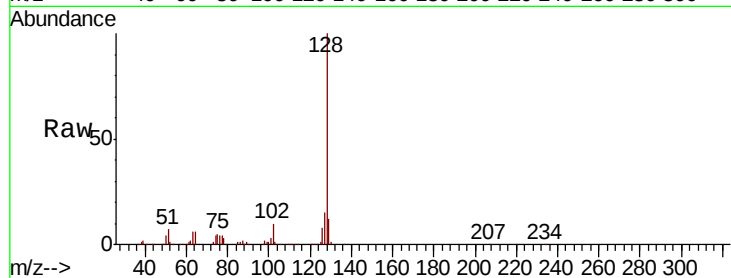
#31
Naphthalene
Concen: 38.983 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.8	14.6
127	14.7	12.0	18.0

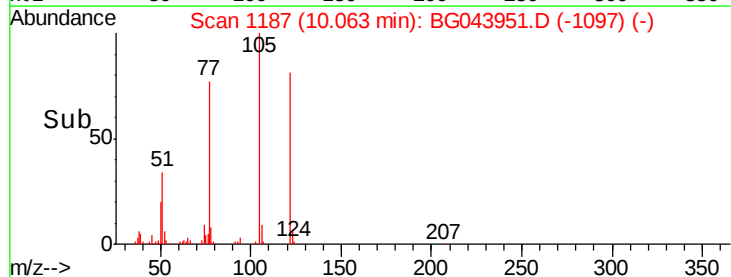
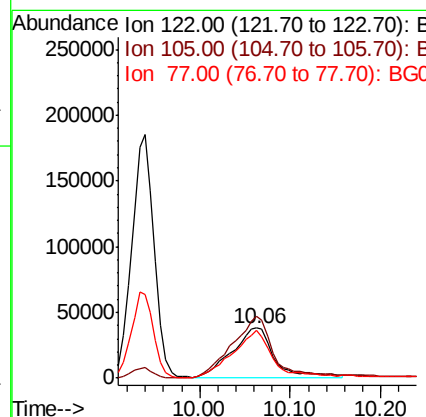
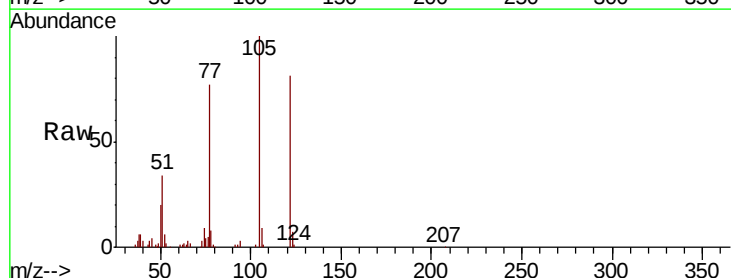
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#32
Benzoic acid
Concen: 24.837 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.7	106.4	146.4
77	95.6	74.6	114.6





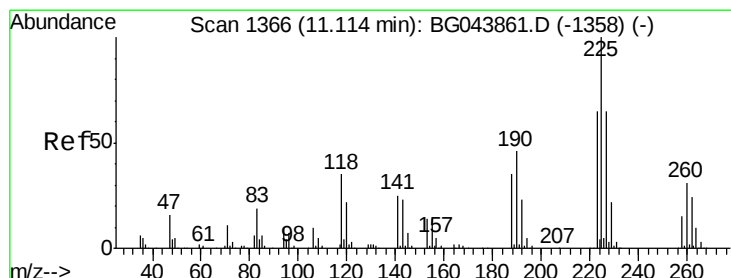
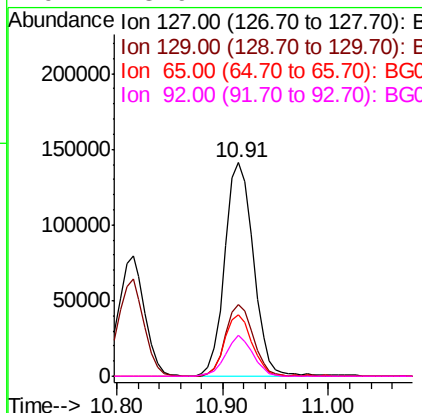
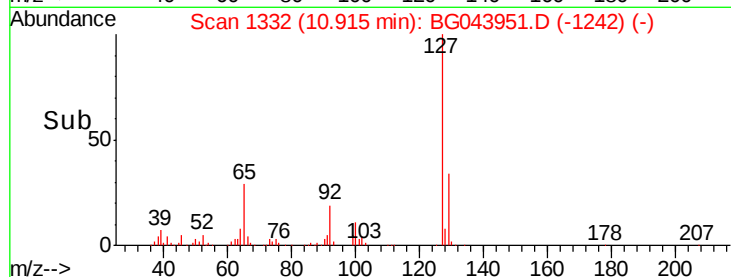
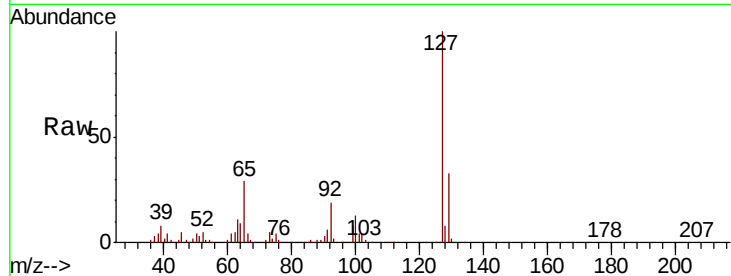
#33
4-Chloroaniline
Concen: 22.427 ng
RT: 10.91 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.4	26.6	40.0		
65	29.0	23.3	34.9		
92	18.9	14.7	22.1		

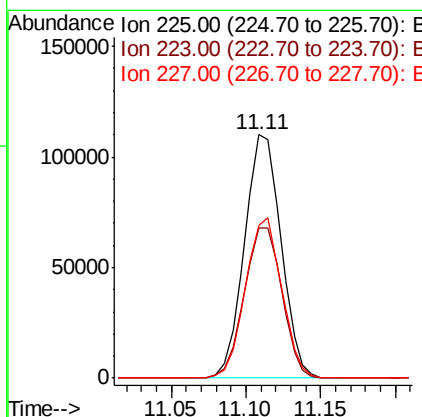
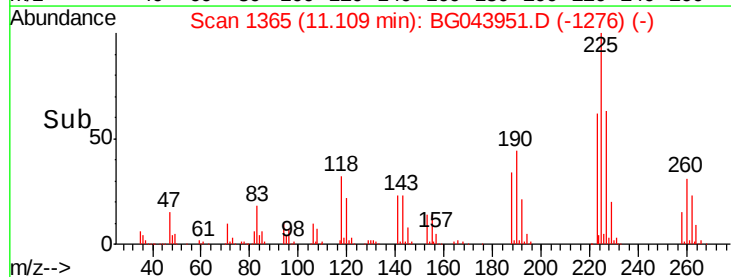
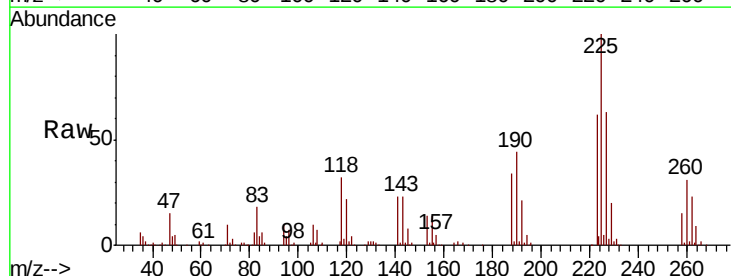
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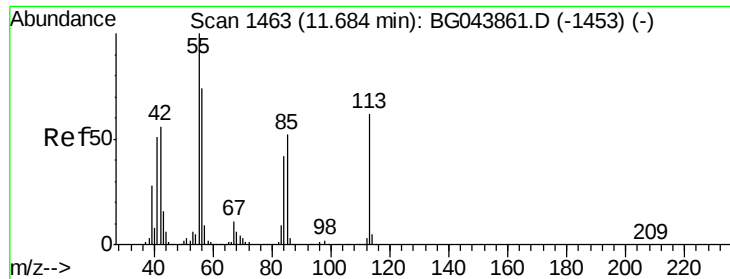
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#34
Hexachlorobutadiene
Concen: 33.831 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.8	52.2	78.4		
227	62.6	52.1	78.1		





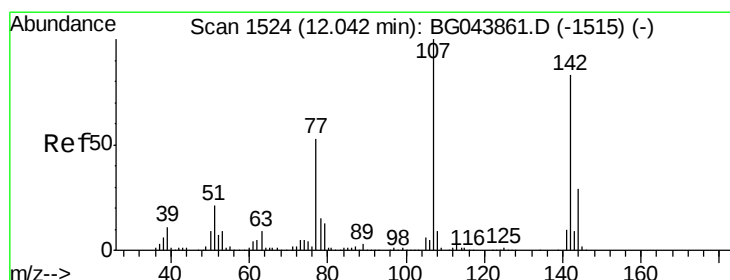
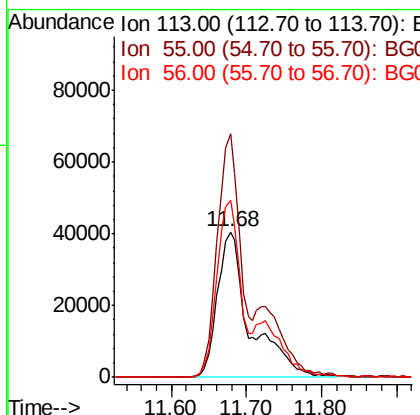
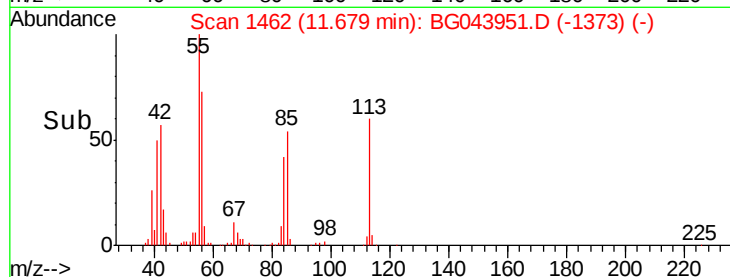
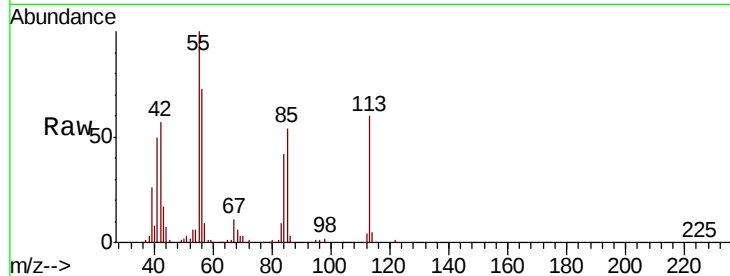
#35
 Caprolactam
 Concen: 40.765 ng/ml
 RT: 11.68 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BG043951.D
 Acq: 7 Jan 2020 12:26

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	167.5	142.5	182.5
56	122.0	101.4	141.4

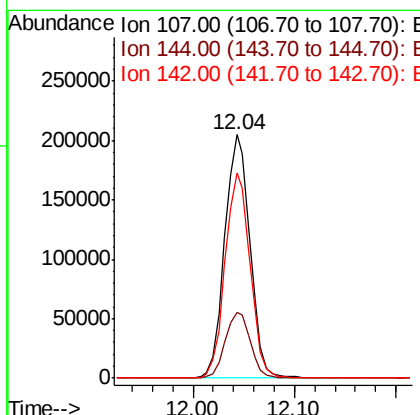
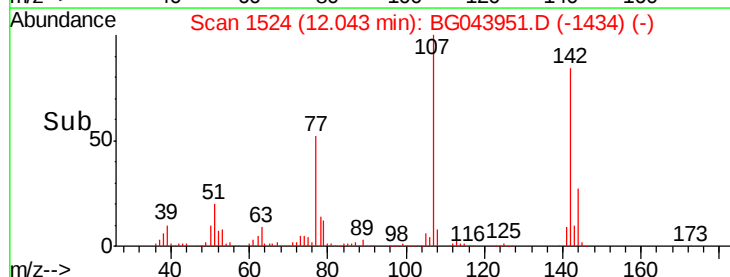
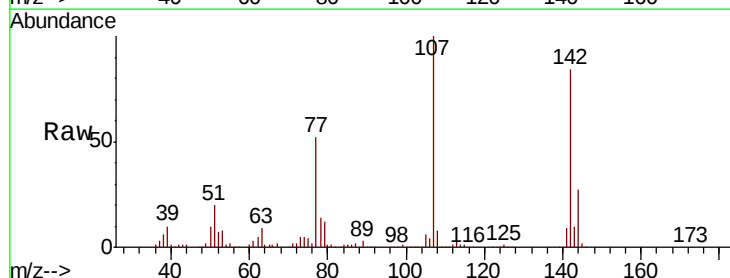
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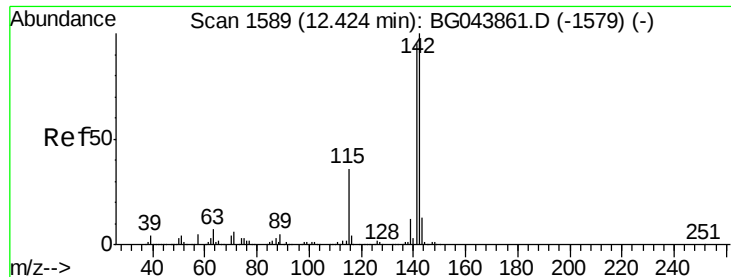
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#36
 4-Chloro-3-methylphenol
 Concen: 41.174 ng
 RT: 12.04 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BG043951.D
 Acq: 7 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.0	23.4	35.2
142	84.1	66.3	99.5





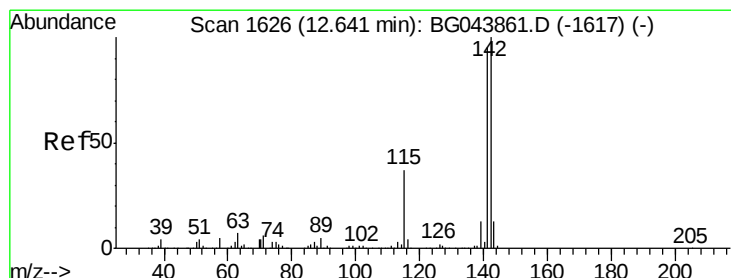
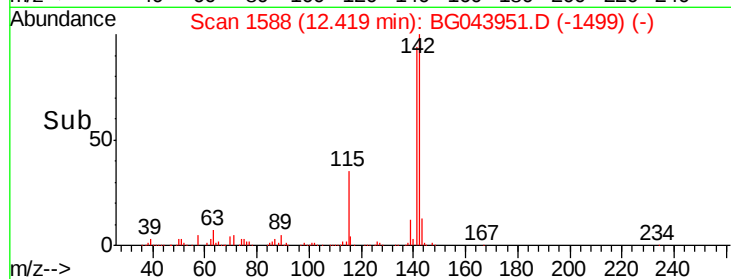
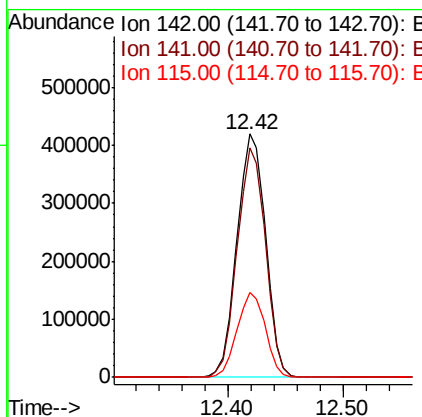
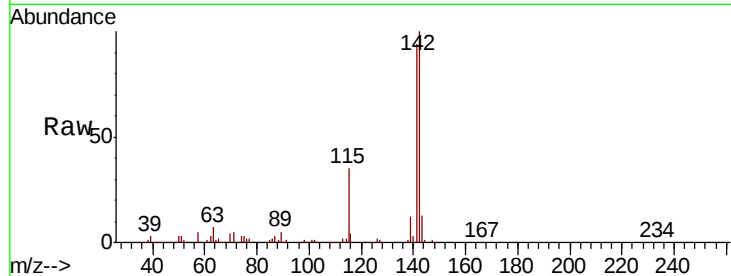
#37
2-Methylnaphthalene
Concen: 38.676 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	94.3	75.8	113.8
115	35.0	28.6	42.8

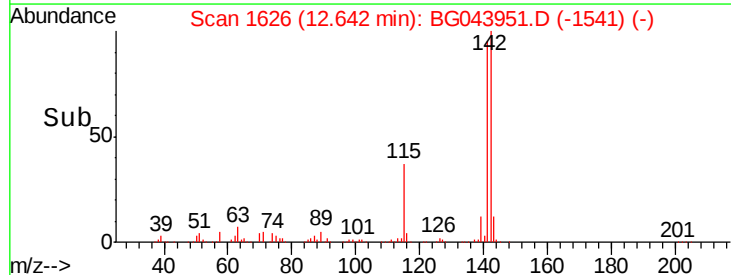
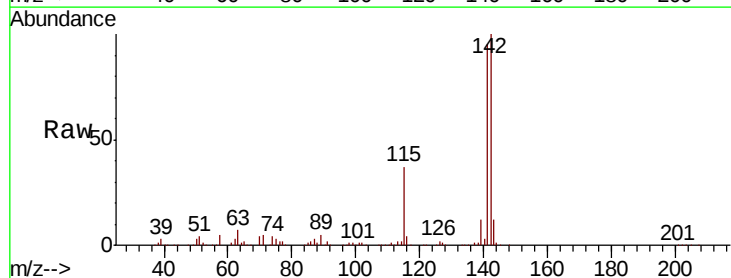
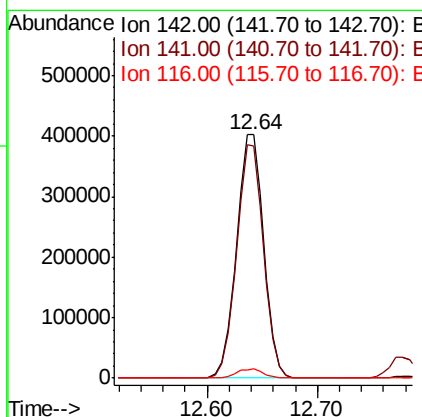
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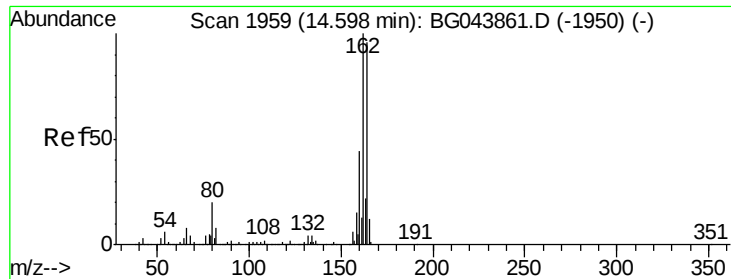
mohammad
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#38
1-Methylnaphthalene
Concen: 39.271 ng
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.2	76.0	114.0
116	3.8	3.1	4.7





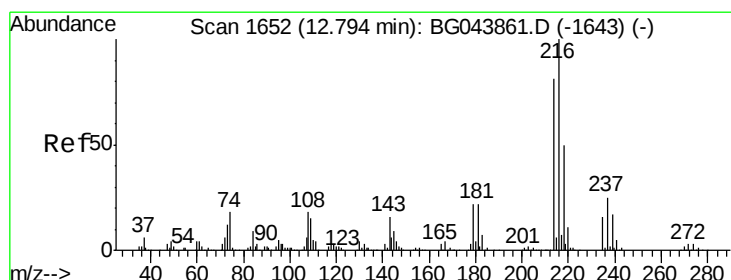
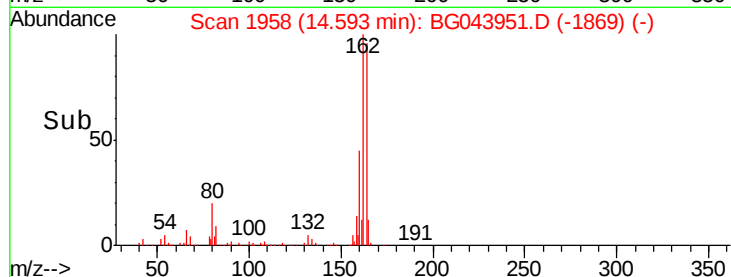
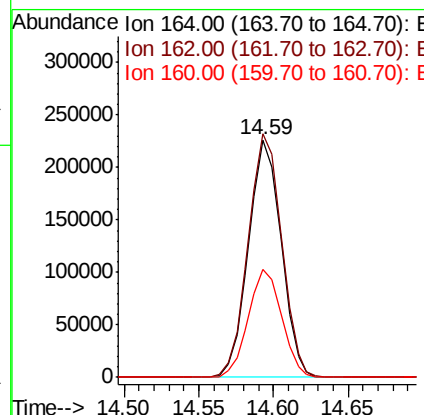
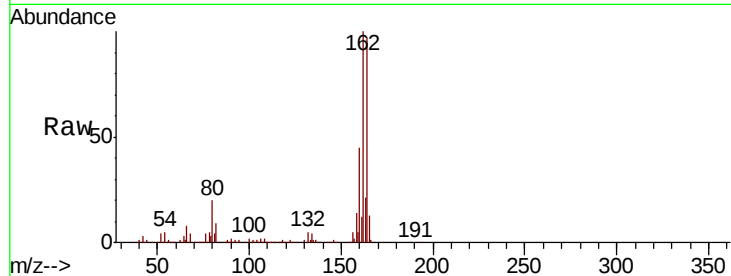
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.0	124.4
160	45.7	36.1	54.1

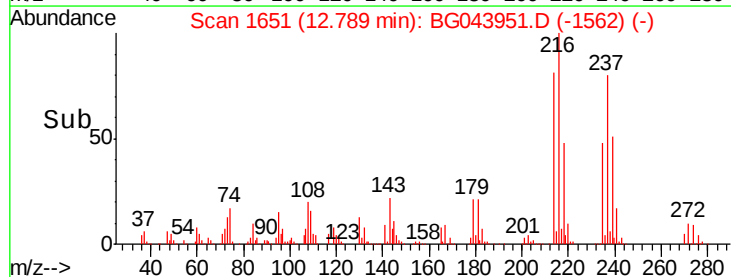
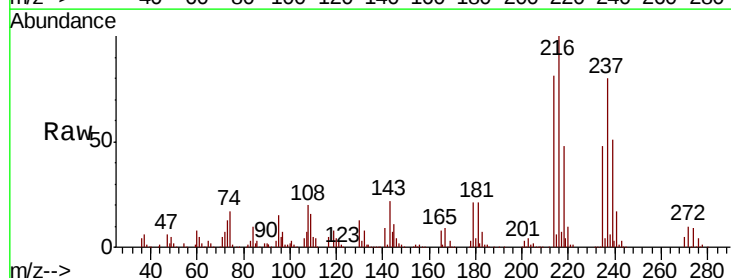
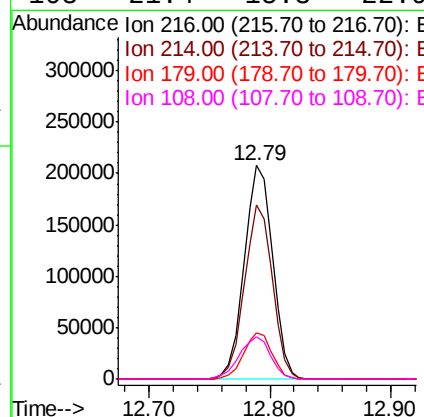
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.030 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.8	95.8
179	21.6	17.3	25.9
108	21.4	15.3	22.9





#41

Hexachlorocyclopentadiene

Concen: 85.529 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

Instrument :

BNA_G

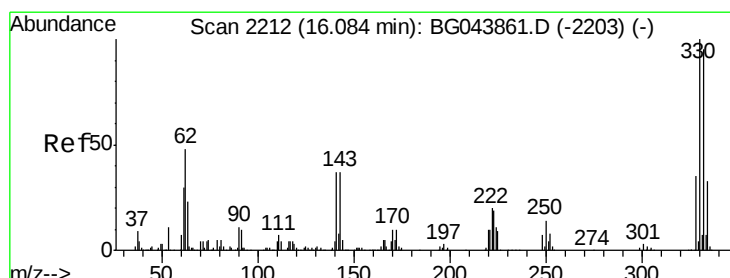
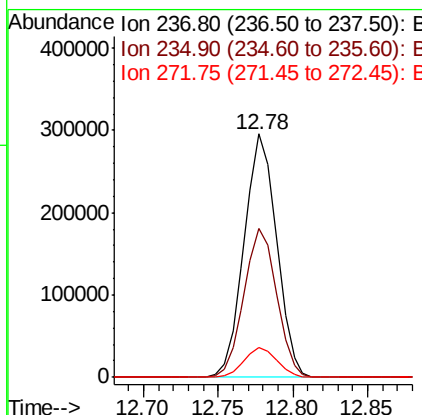
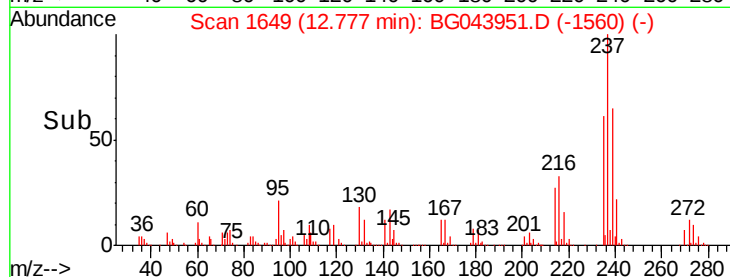
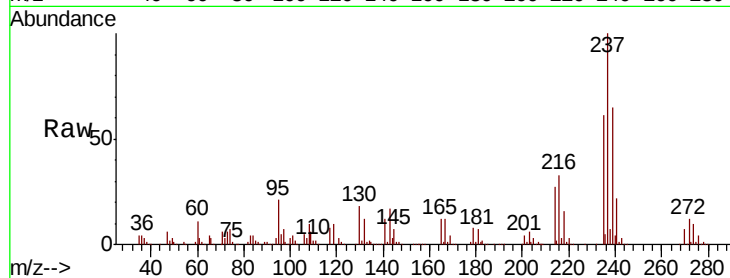
ClientSampleId :

IDOC-W-02-CG

Tot Ion:	237	Resp:	445354
Ion Ratio	Lower	Upper	
237	100		
235	61.0	41.1	81.1
272	12.3	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 108.053 ng

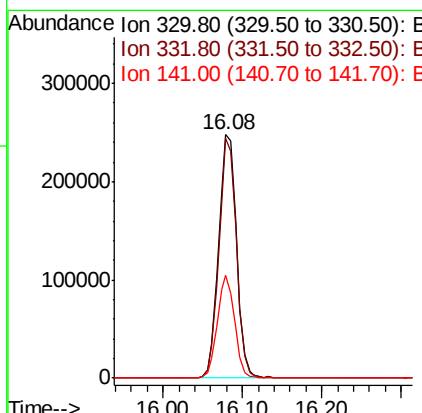
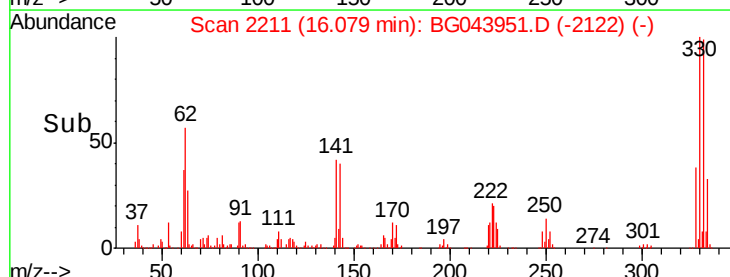
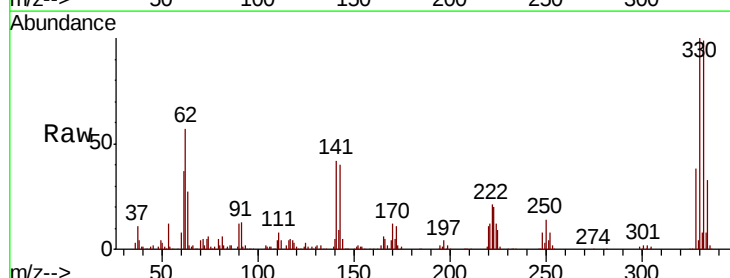
RT: 16.08 min Scan# 2211

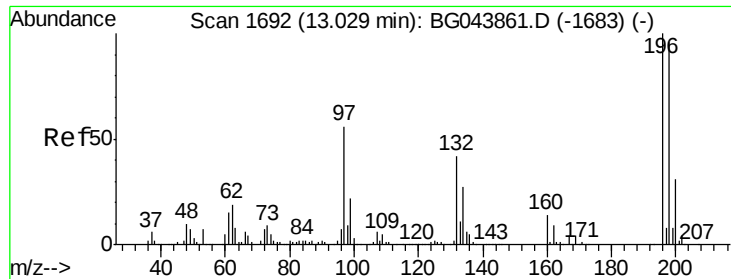
Delta R.T. -0.00 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

Tgt Ion:	330	Resp:	387477
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.2	115.8
141	40.3	33.1	49.7





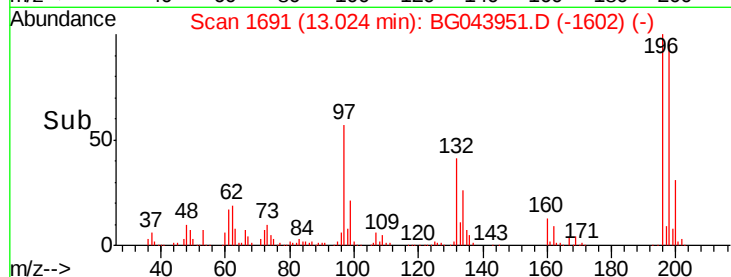
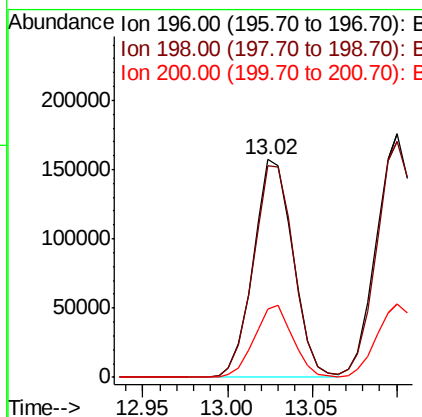
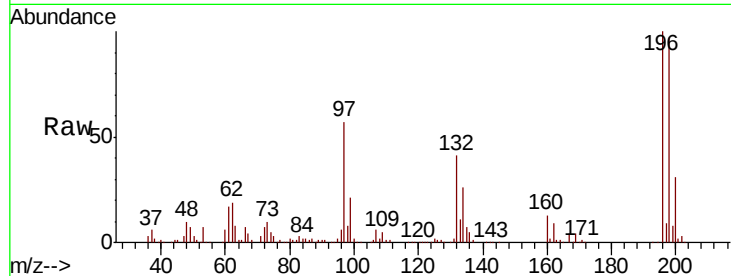
#43
 2,4,6-Trichlorophenol
 Concen: 37.237 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG043951.D
 Acq: 7 Jan 2020 12:26

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

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	76.6	115.0
200	31.3	24.6	37.0

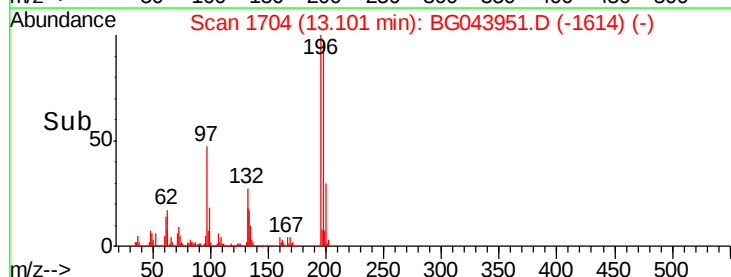
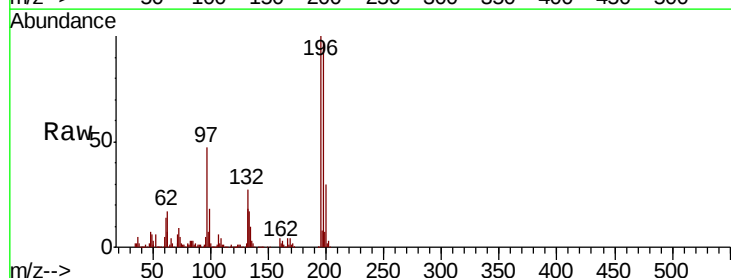
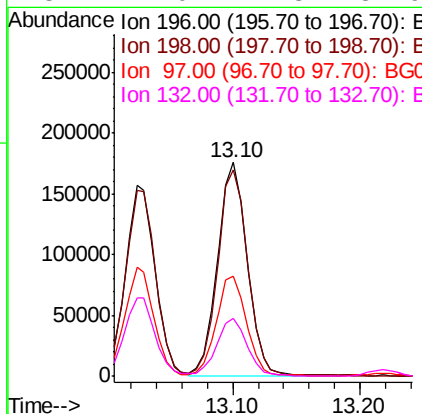
Manual Integrations
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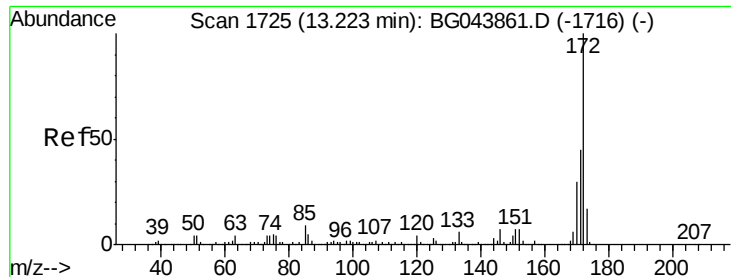
mohammad
 1/8/2020 4:26:02 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.018 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG043951.D
 Acq: 7 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	78.3	117.5
97	46.5	38.8	58.2
132	27.0	21.3	31.9





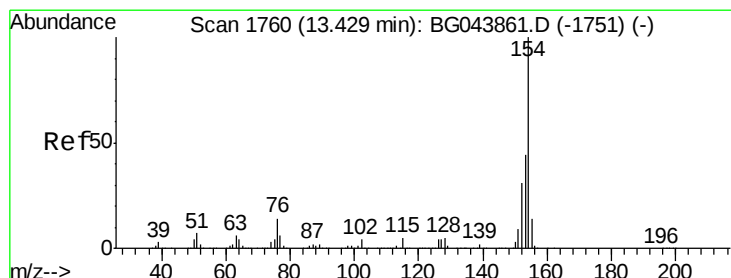
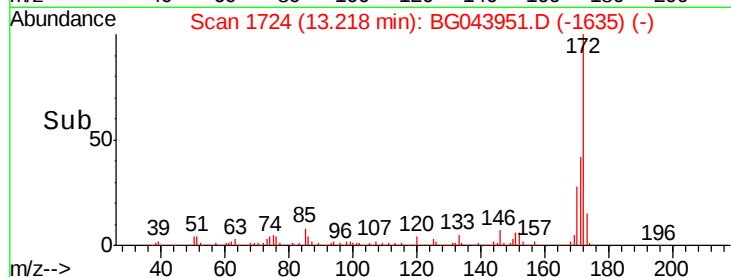
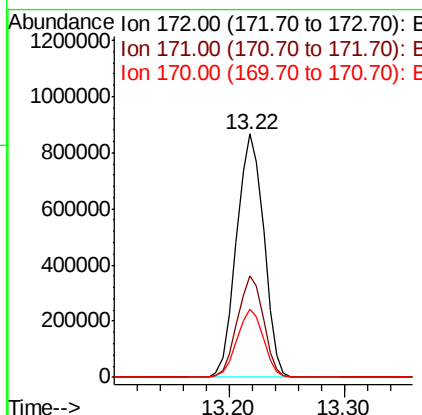
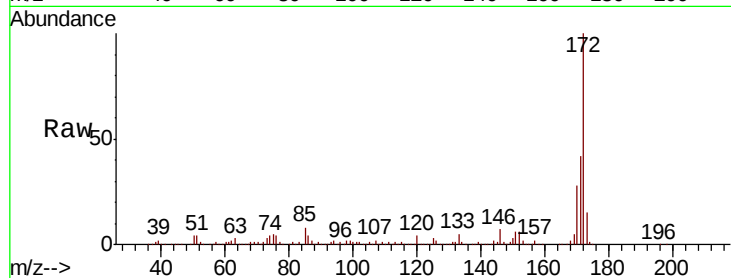
#45
2-Fluorobiphenyl
Concen: 75.006 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.6	35.8	53.8
170	28.0	24.2	36.4

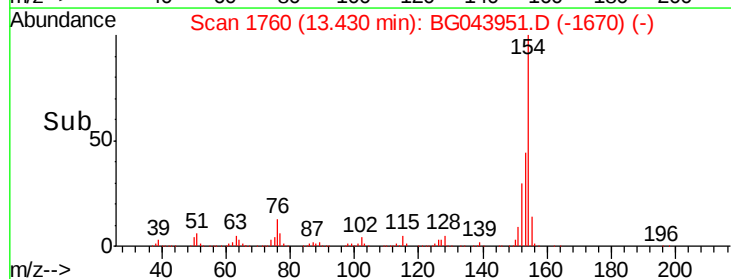
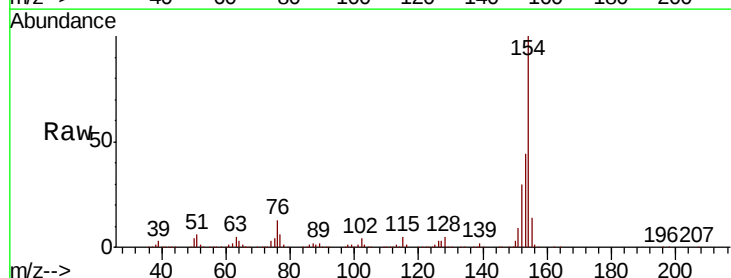
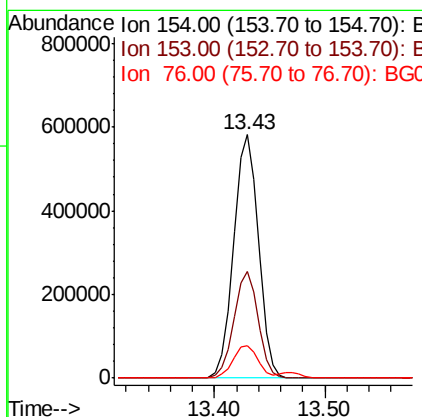
Manual Integrations
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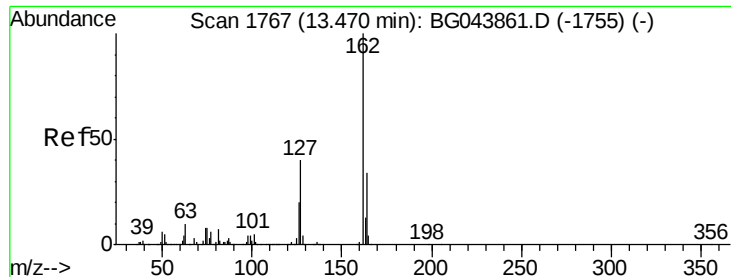
mohammad
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#46
1,1'-Biphenyl
Concen: 37.319 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.9	23.6	63.6
76	13.5	0.0	34.4





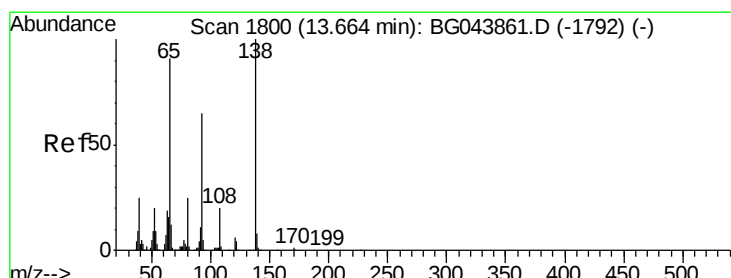
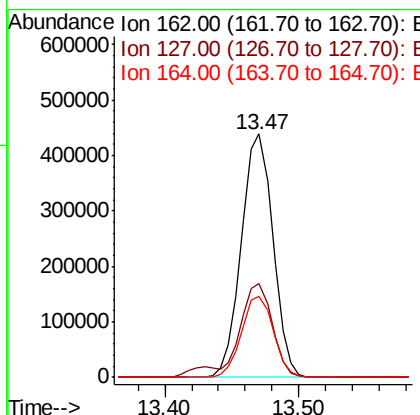
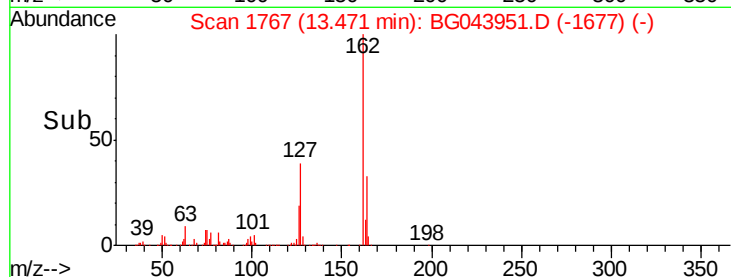
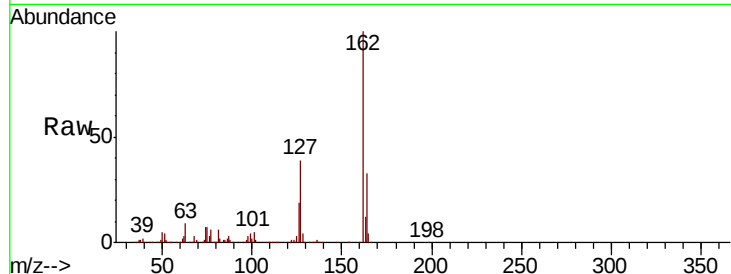
#47
2-Chloronaphthalene
Concen: 36.160 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	717905		
127	38.6		32.1	48.1
164	33.3		27.5	41.3

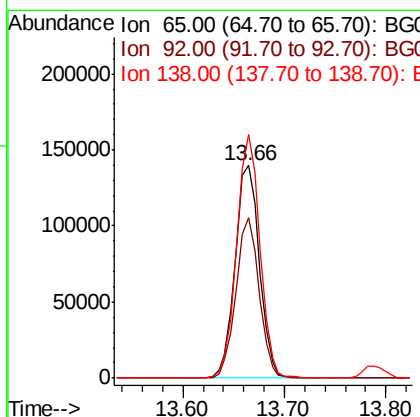
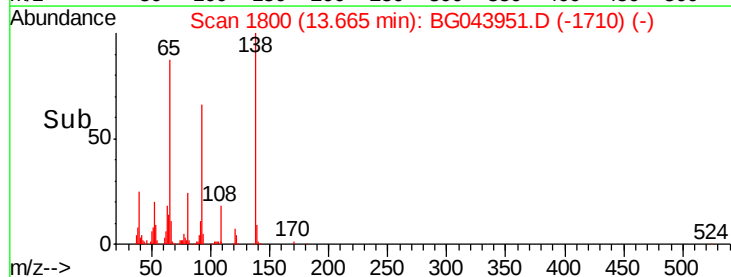
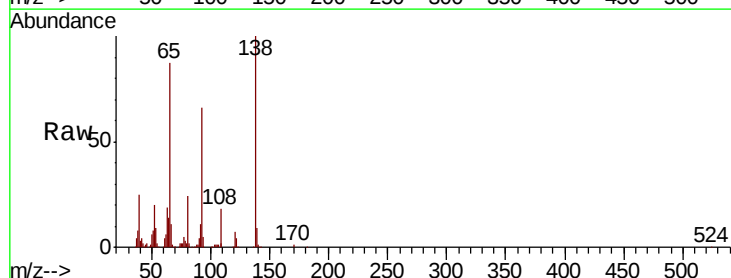
Manual Integrations
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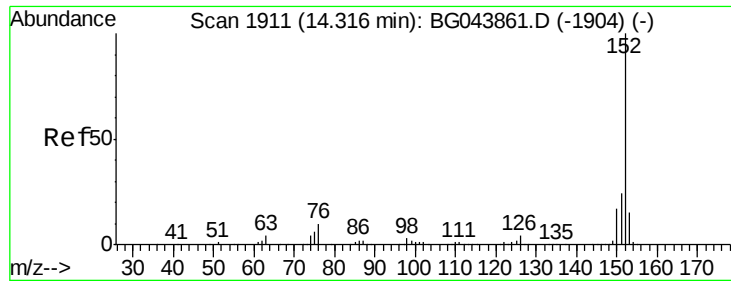
mohammad
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#48
2-Nitroaniline
Concen: 36.472 ng
RT: 13.66 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	232921		
92	75.5		57.4	86.2
138	114.7		88.2	132.4





#49

Acenaphthylene

Concen: 39.860 ng

RT: 14.32 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

Instrument :

BNA_G

ClientSampleId :

IDOC-W-02-CG

Tot Ion:152 Resp: 1137416

Ion Ratio Lower Upper

152 100

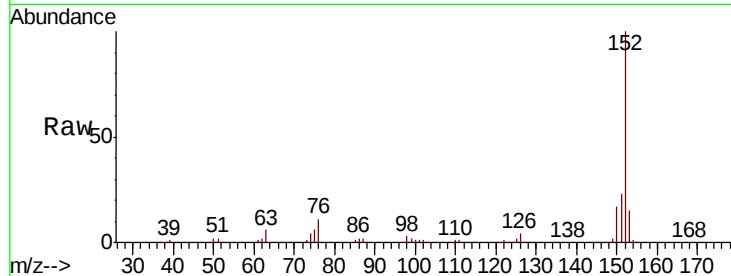
151 23.3 19.4 29.2

153 15.1 12.0 18.0

Manual Integrations
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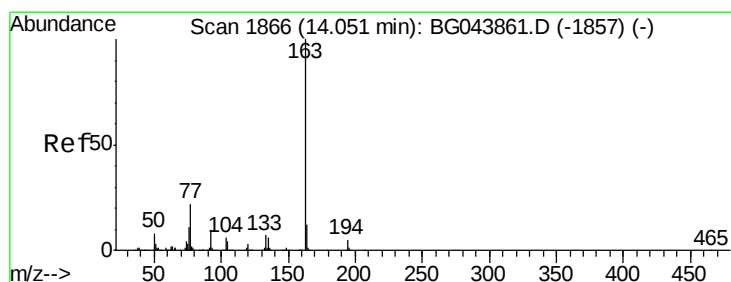
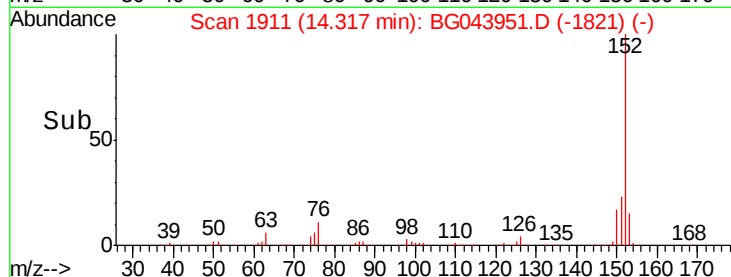
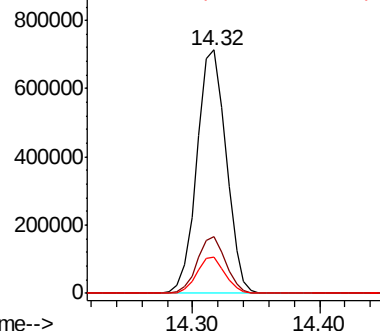
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.973 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

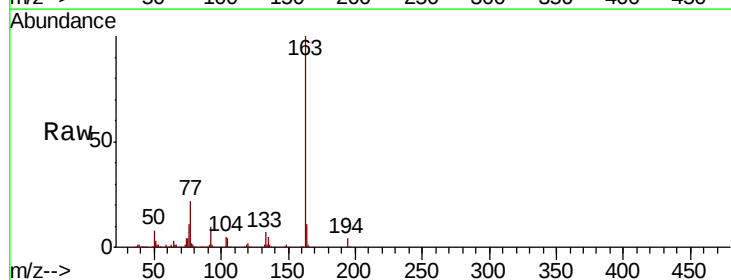
Tgt Ion:163 Resp: 923925

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

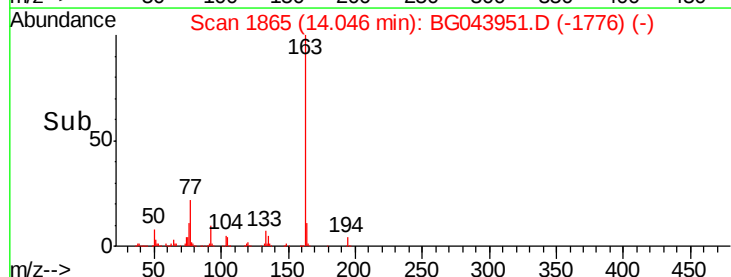
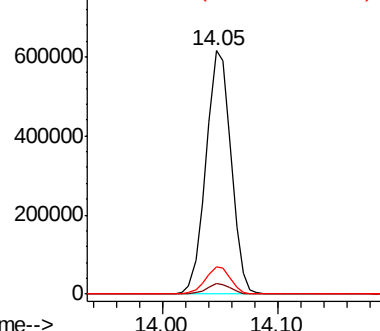
164 11.0 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





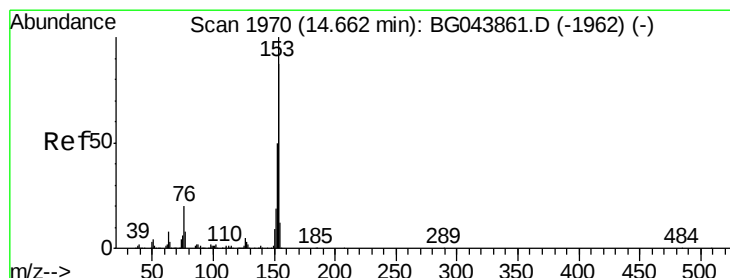
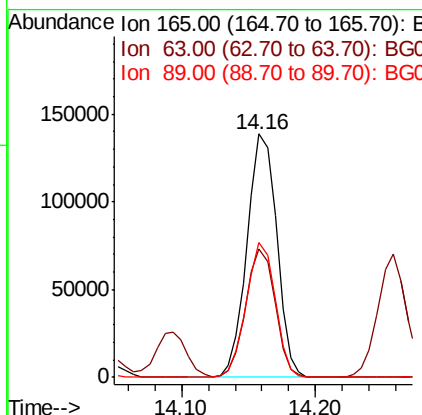
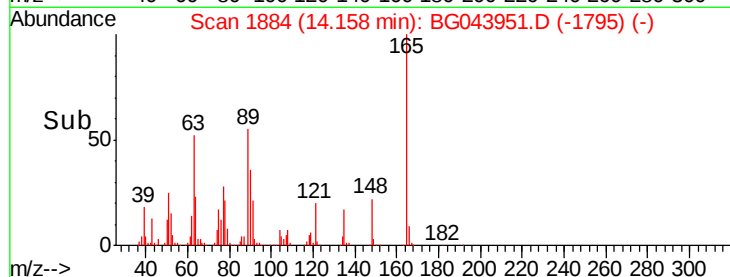
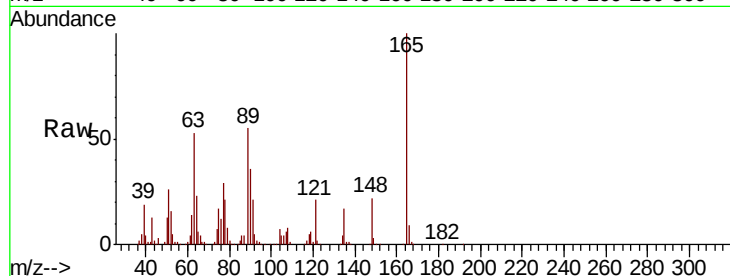
#51
 2,6-Dinitrotoluene
 Concen: 38.841 ng
 RT: 14.16 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: BG043951.D
 Acq: 7 Jan 2020 12:26

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.8	43.1	64.7
89	55.5	43.8	65.6

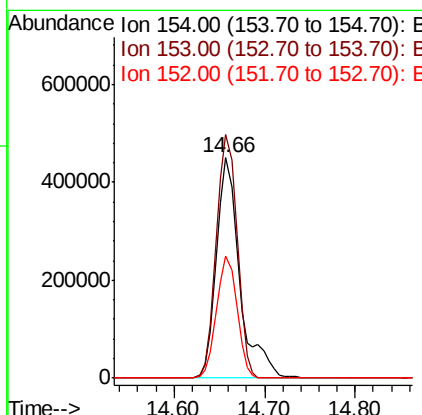
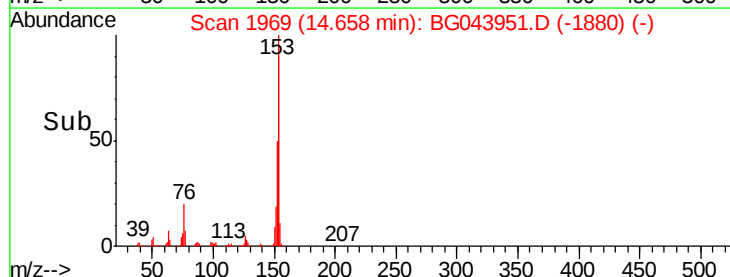
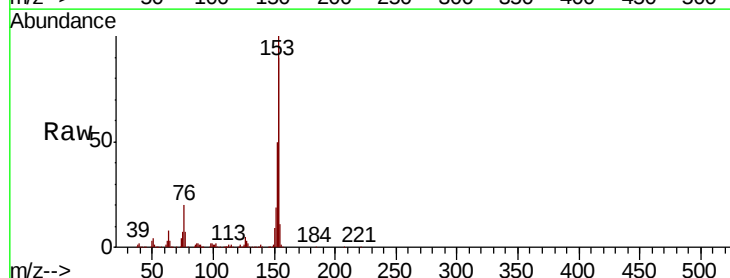
Manual Integrations
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#52
 Acenaphthene
 Concen: 40.393 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG043951.D
 Acq: 7 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.6	91.6	137.4
152	55.4	45.4	68.0





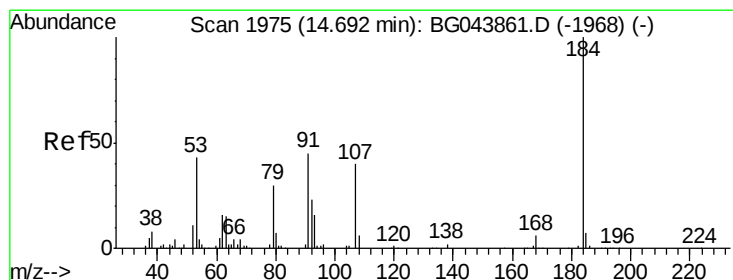
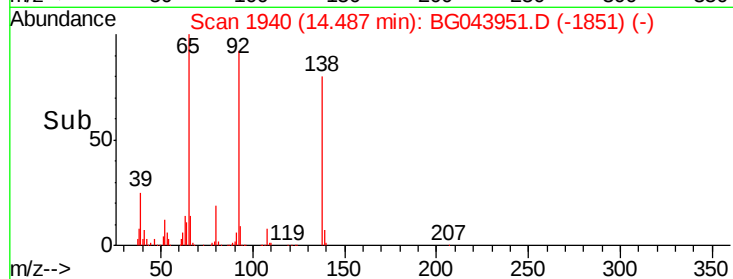
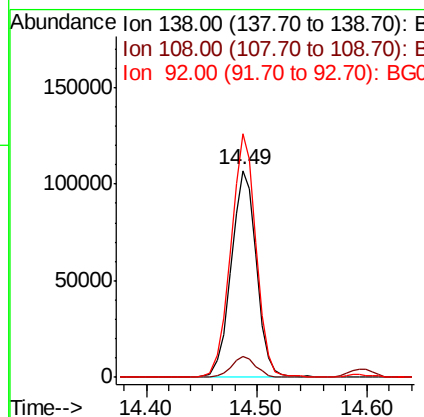
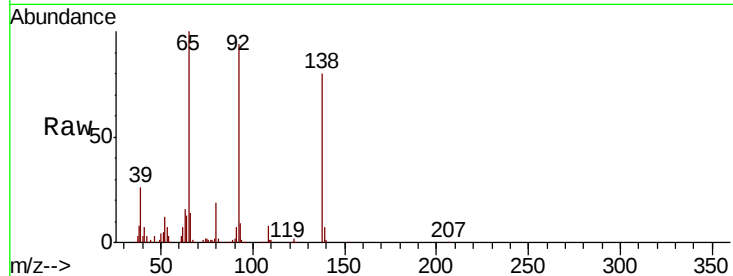
#53
3-Nitroaniline
Concen: 27.430 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.4	11.2
92	117.6	92.1	138.1

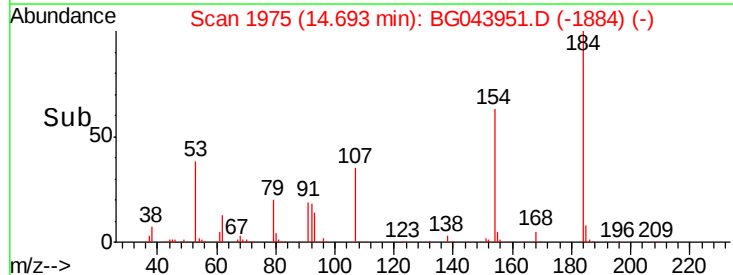
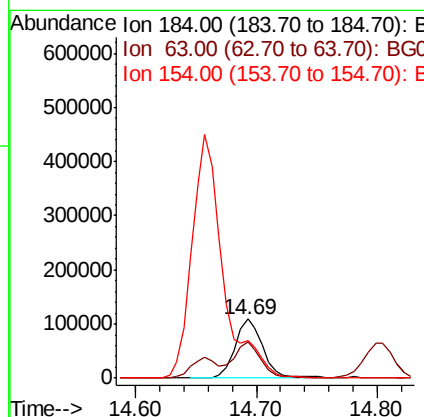
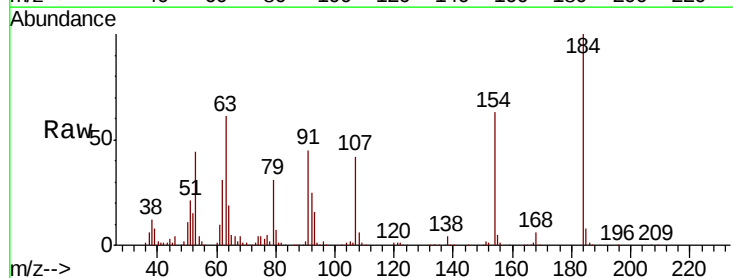
Manual Integrations
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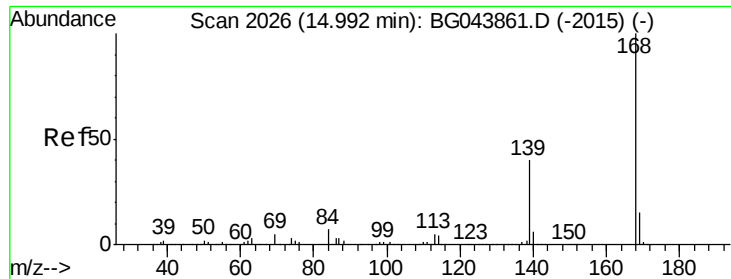
mohammad
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#54
2,4-Dinitrophenol
Concen: 63.632 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.9	46.6	70.0
154	63.2	50.2	75.4





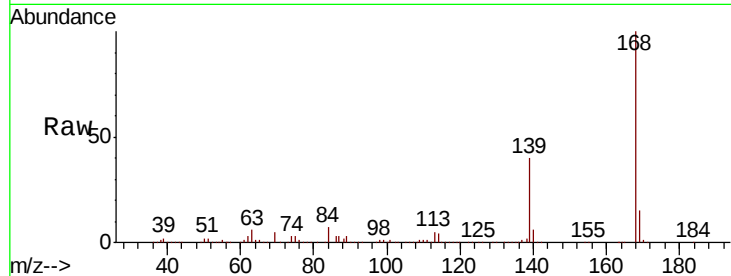
#55
Dibenzenofuran
Concen: 39.688 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.1	32.2	48.2
169	15.0	12.2	18.2

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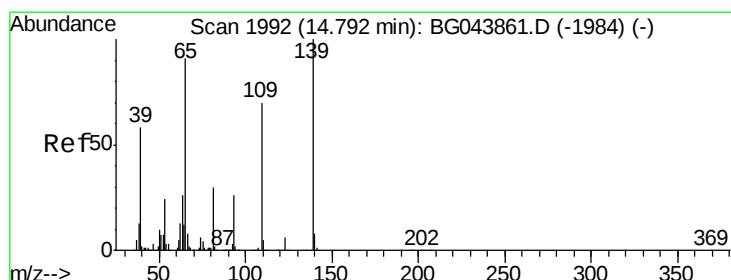
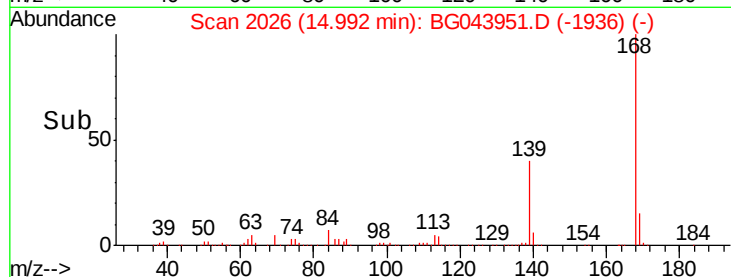
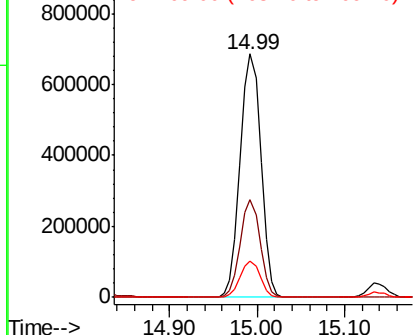


Abundance

Ion 168.00 (167.70 to 168.70): E

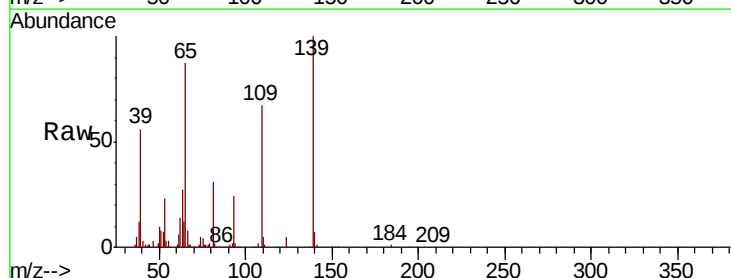
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 82.666 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.5	50.4	90.4
65	86.5	71.4	111.4

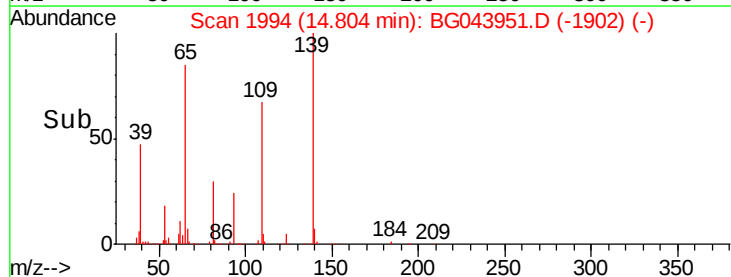
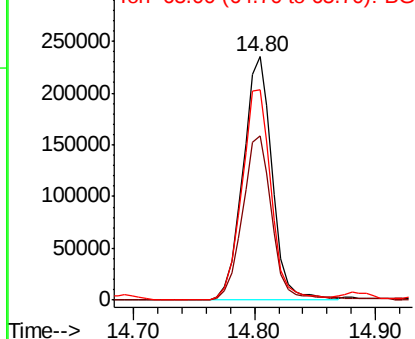


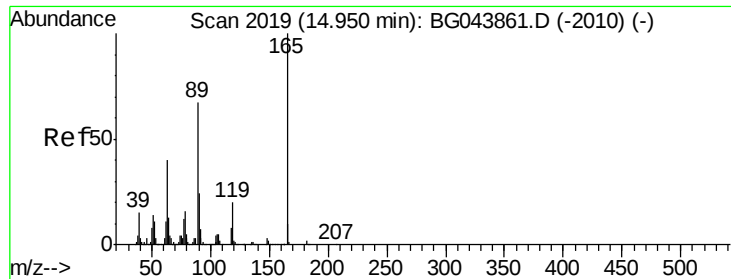
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 39.674 ng

RT: 14.95 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

Instrument :

BNA_G

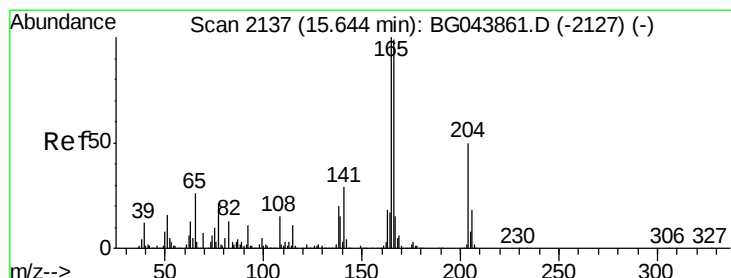
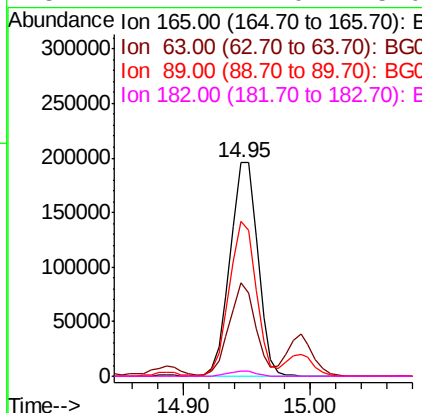
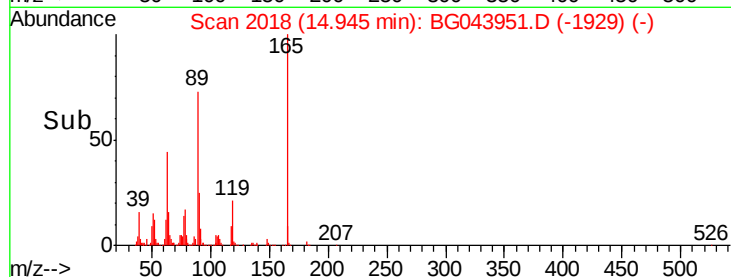
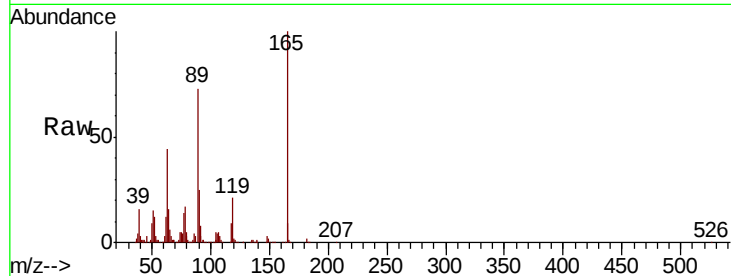
ClientSampleId :

IDOC-W-02-CG

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.8	31.9	47.9
89	72.7	53.8	80.6
182	2.4	2.0	3.0

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#58

Fluorene

Concen: 39.833 ng

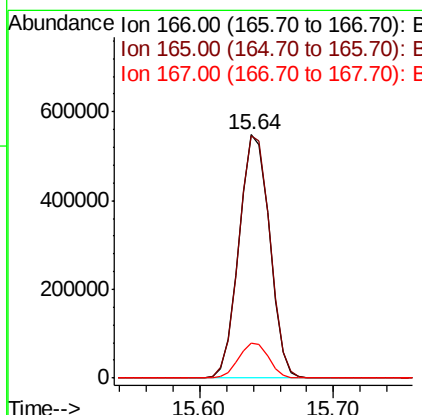
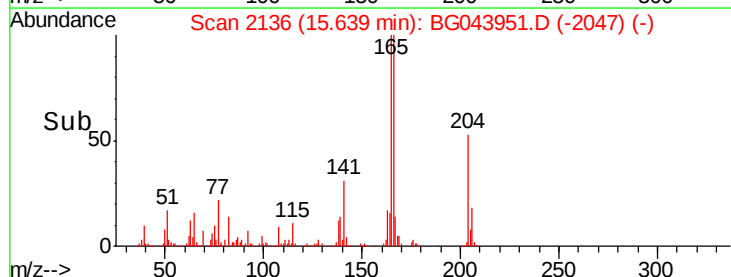
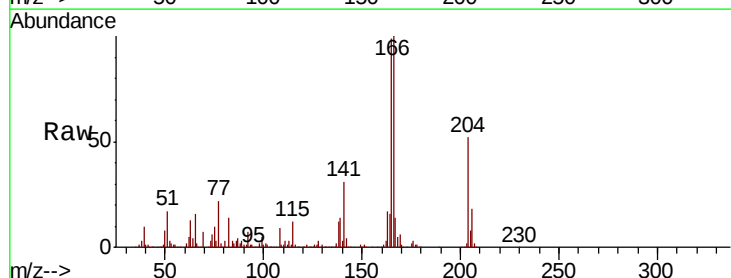
RT: 15.64 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	80.8	121.2
167	14.4	12.1	18.1





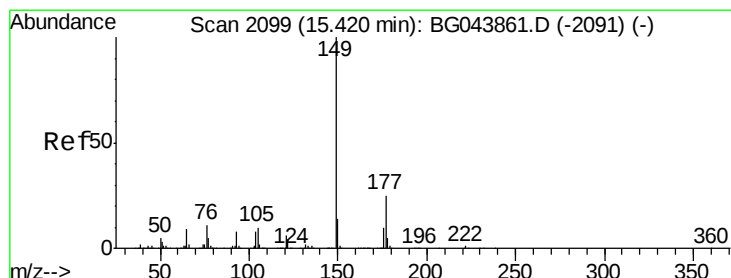
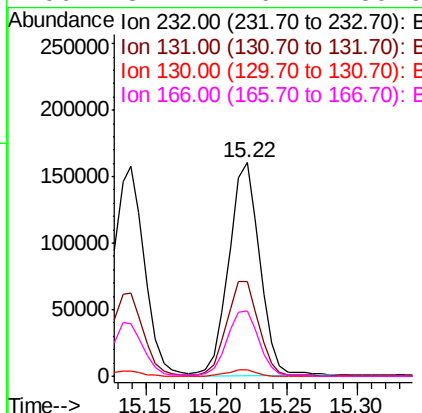
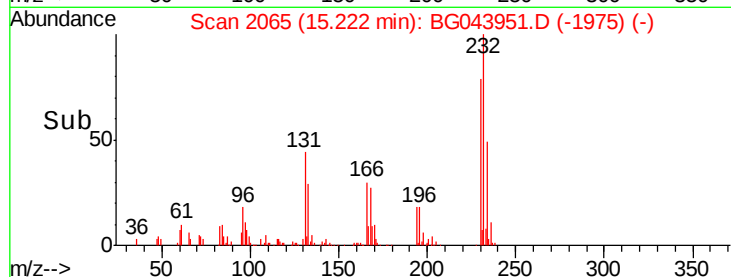
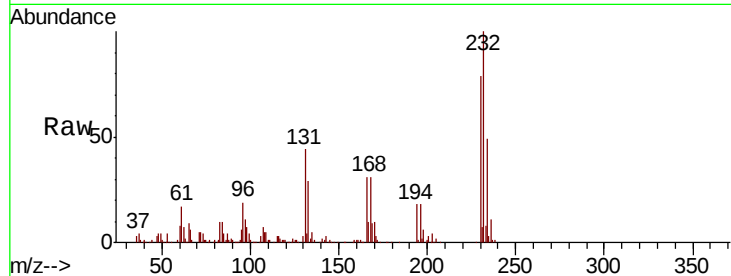
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.738 ng
RT: 15.22 min Scan# 2065
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

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

Tot Ion	Ratio	Resp	Lower	Upper
232	100	243558		
131	46.2		38.2	57.2
130	2.8		2.2	3.2
166	32.4		26.4	39.6

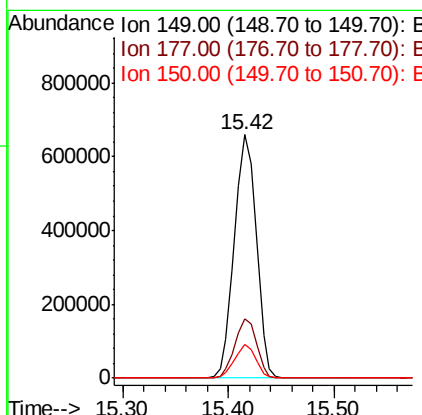
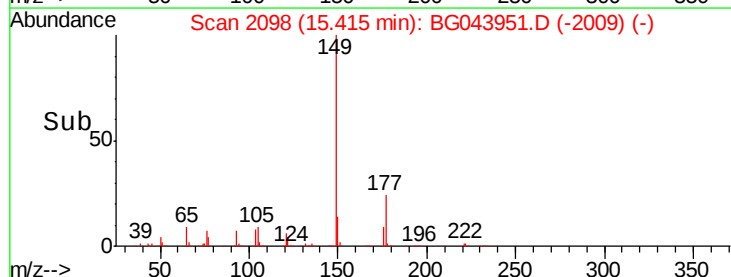
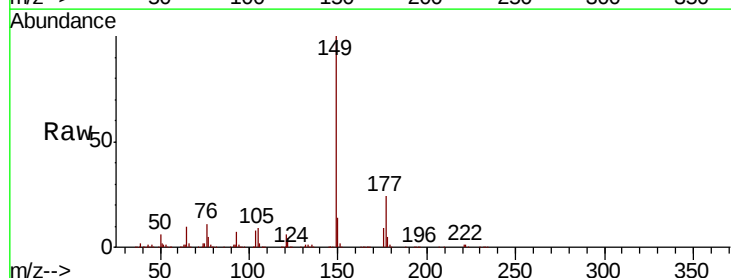
Manual Integrations
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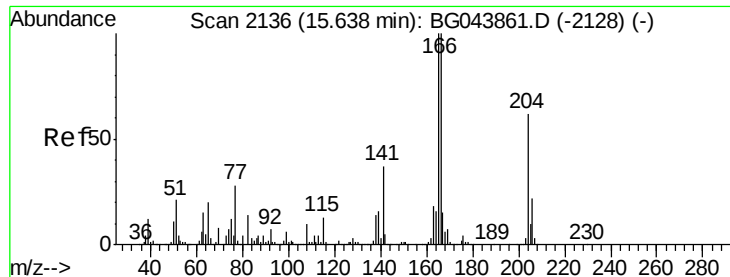
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#60
Diethylphthalate
Concen: 38.915 ng
RT: 15.42 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	947035		
177	24.1		20.0	30.0
150	13.7		11.1	16.7





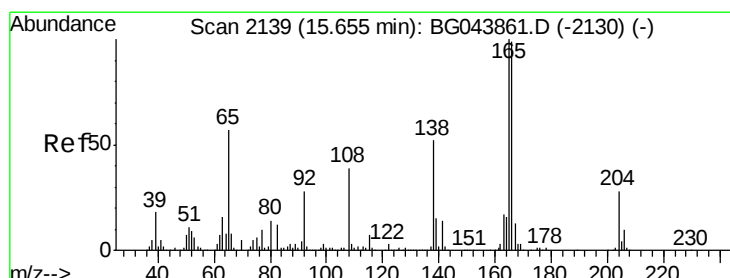
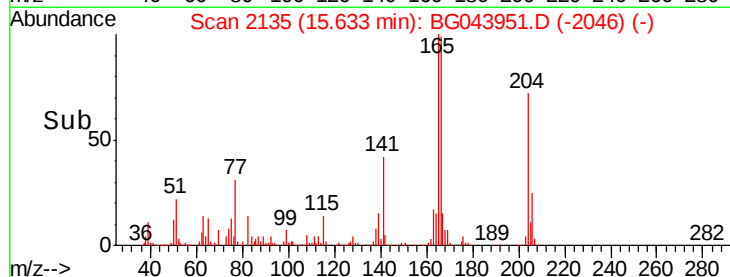
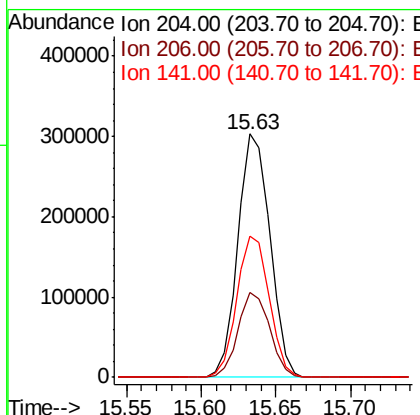
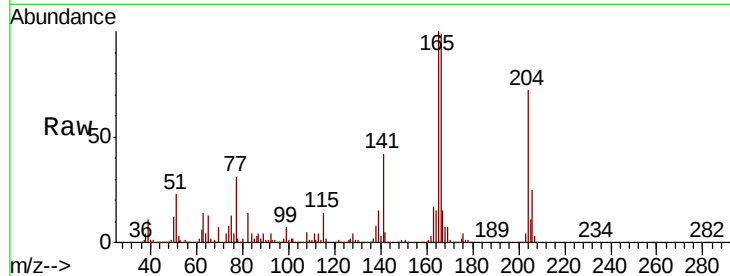
#61
4-Chlorophenyl-phenylether
Concen: 38.231 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	28.2	42.2
141	58.1	48.2	72.2

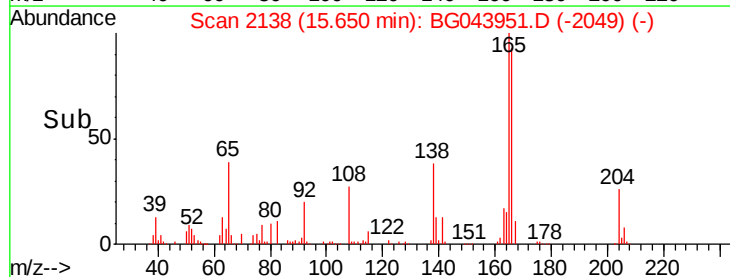
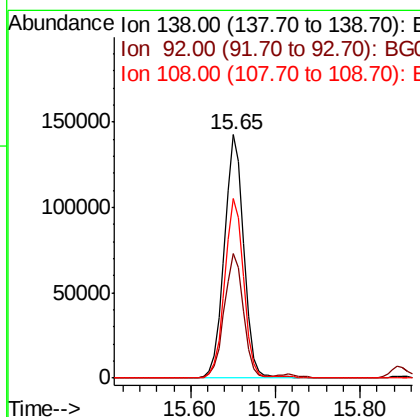
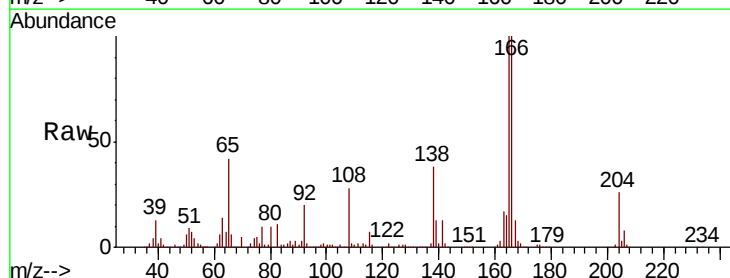
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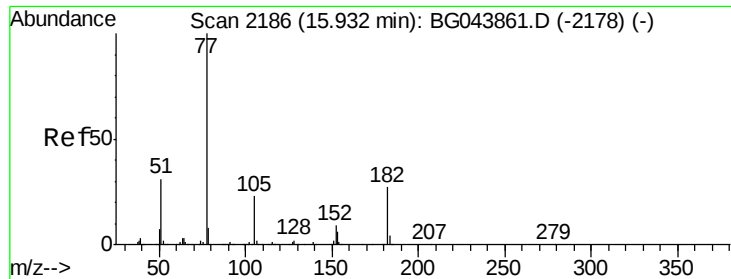
mohammad
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#62
4-Nitroaniline
Concen: 36.711 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.3	34.3	74.3
108	74.0	55.0	95.0





#63

Azobenzene

Concen: 40.014 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

Instrument :

BNA_G

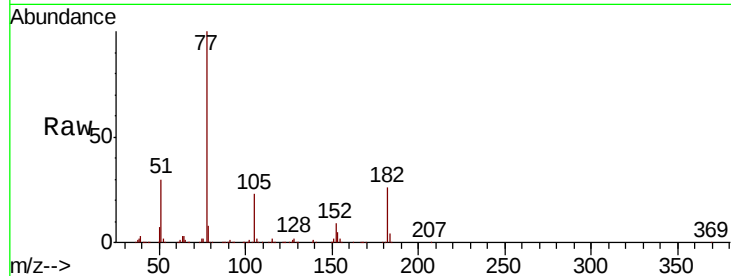
ClientSampleId :

IDOC-W-02-CG

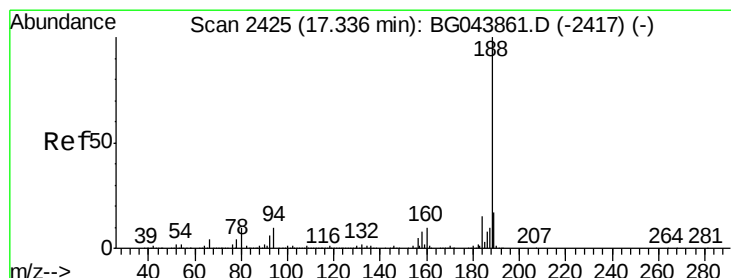
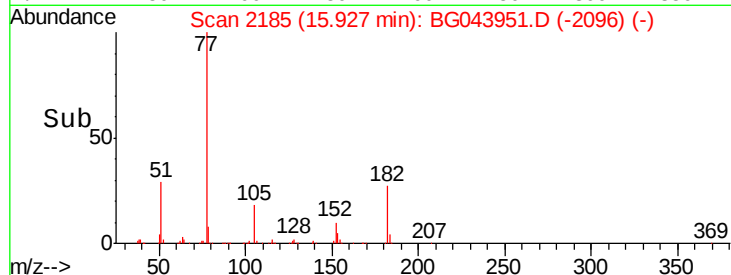
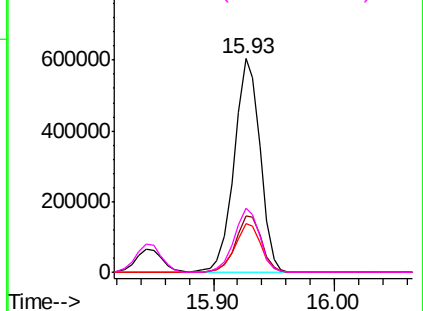
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		903073		
182	26.1	7.3	47.3		
105	22.7	3.2	43.2		
51	29.9	10.6	50.6		

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



#64

Phenanthrene-d10

Concen: 20.000 ng

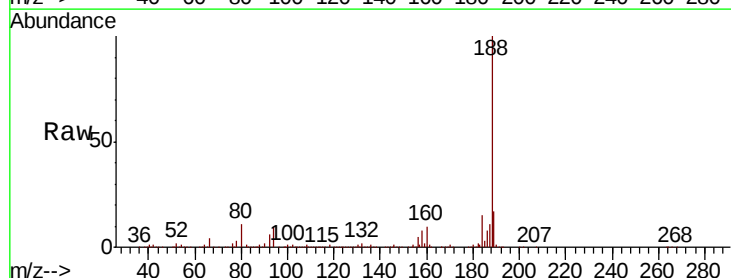
RT: 17.34 min Scan# 2425

Delta R.T. 0.00 min

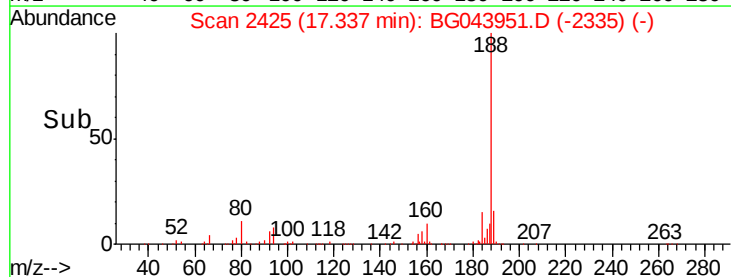
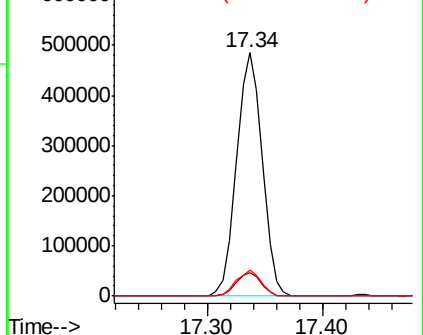
Lab File: BG043951.D

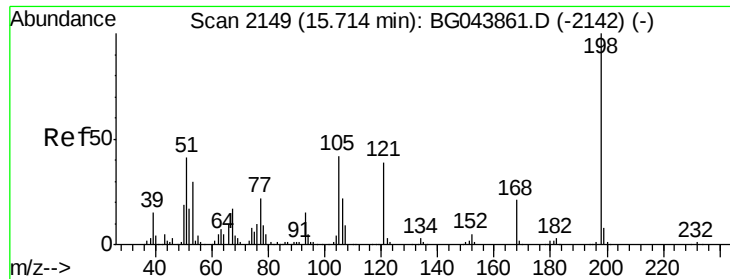
Acq: 7 Jan 2020 12:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		744236		
94	9.7	7.9	11.9		
80	10.7	8.2	12.4		



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





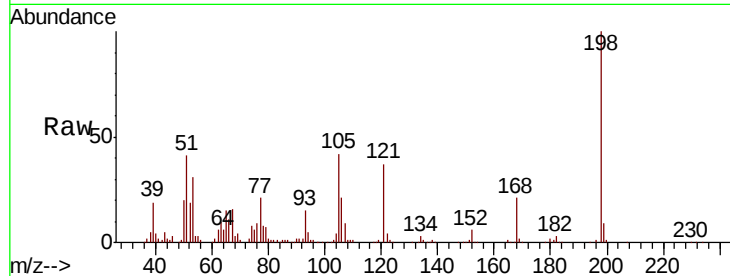
#65
4,6-Dinitro-2-methylphenol
Concen: 39.615 ng
RT: 15.72 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

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

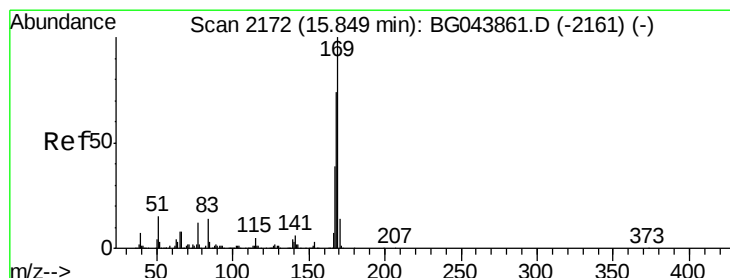
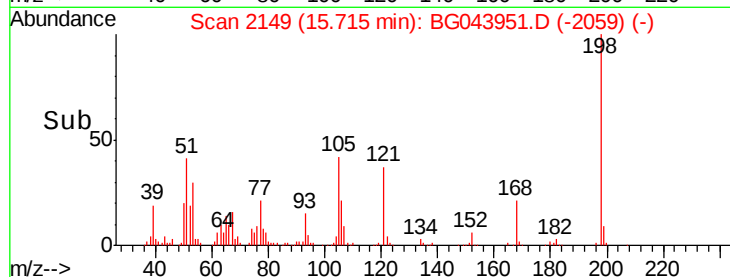
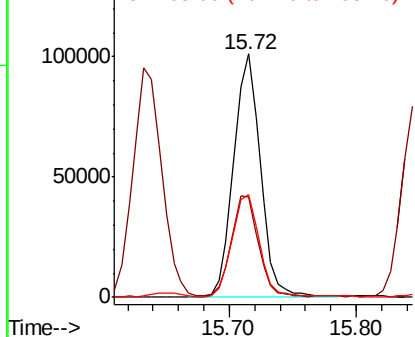
Tot Ion	Ratio	Resp	Lower	Upper
198	100	148666		
51	41.0		22.5	62.5
105	42.2		22.3	62.3

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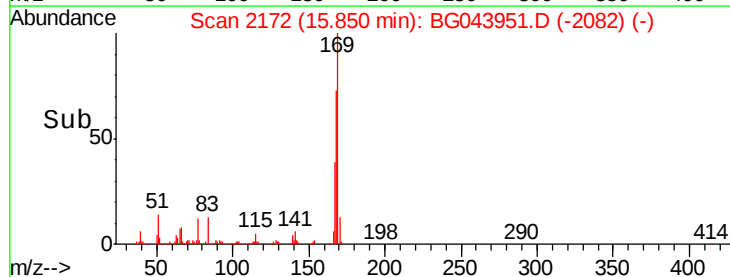
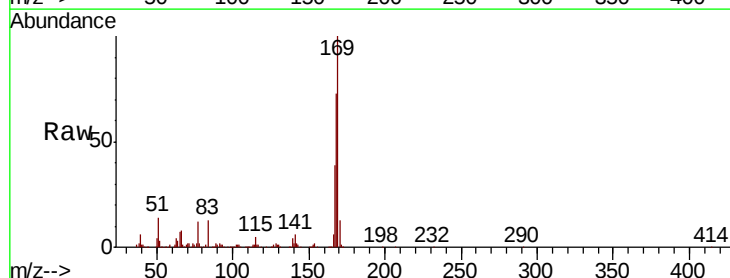
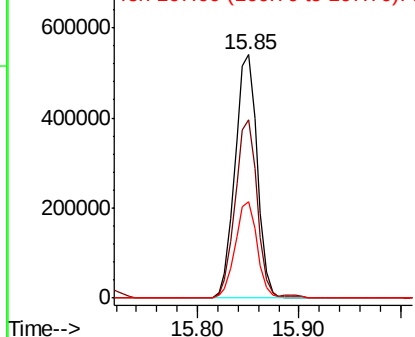
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

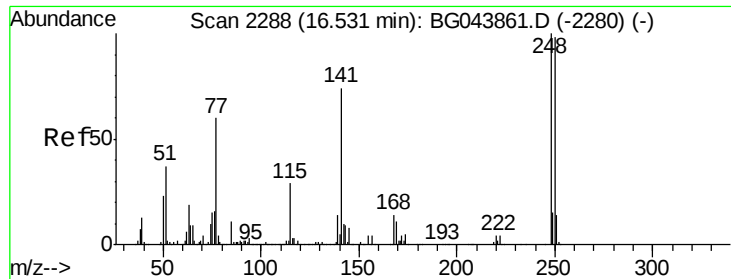


#66
n-Nitrosodiphenylamine
Concen: 37.469 ng
RT: 15.85 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	821190		
168	73.1		59.0	88.6
167	39.4		31.4	47.0

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





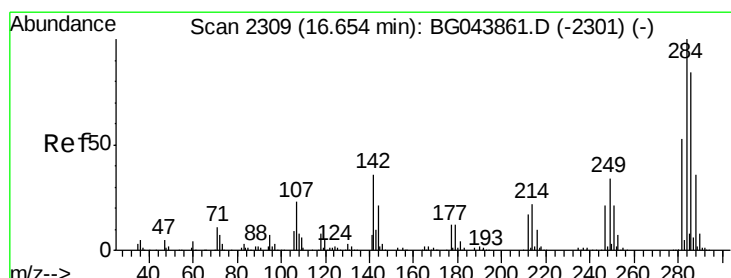
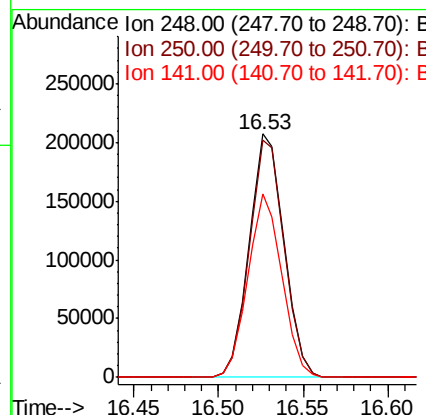
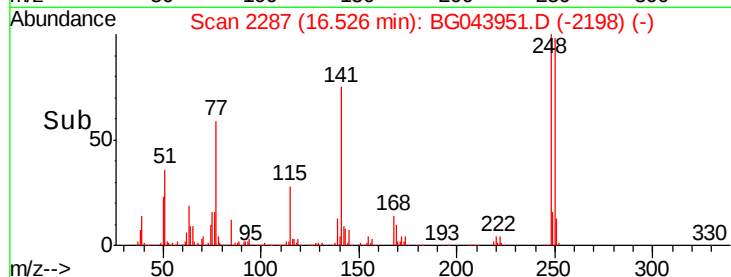
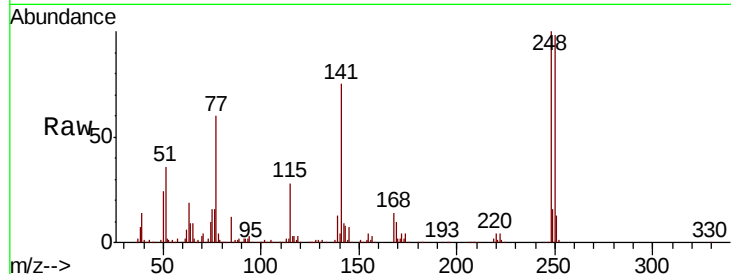
#67
4-Bromophenyl-phenylether
Concen: 35.416 ng
RT: 16.53 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.2	117.2
141	75.3	59.3	88.9

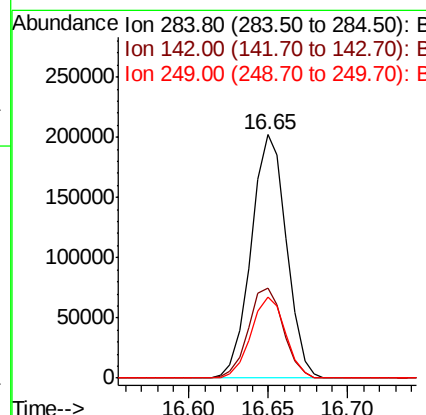
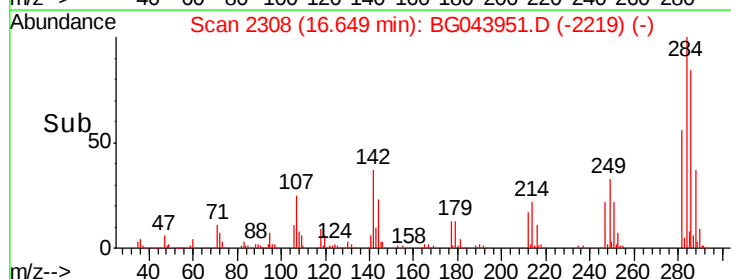
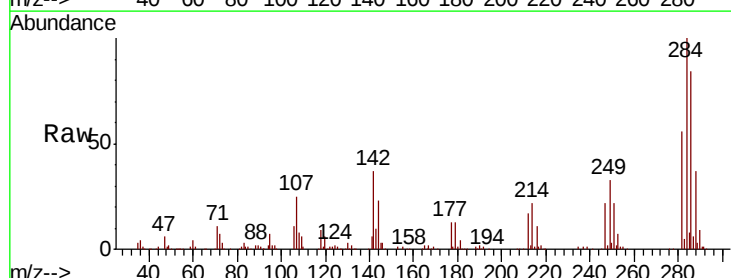
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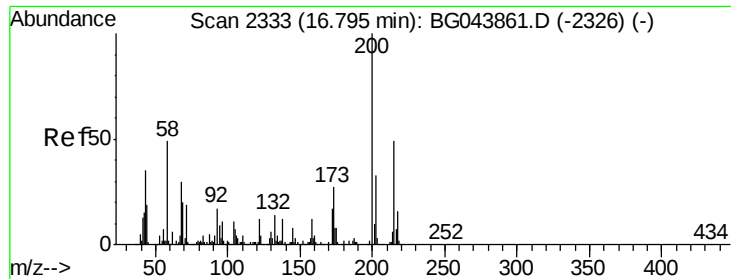
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#68
Hexachlorobenzene
Concen: 34.611 ng
RT: 16.65 min Scan# 2308
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.1	28.6	43.0
249	33.3	27.0	40.6





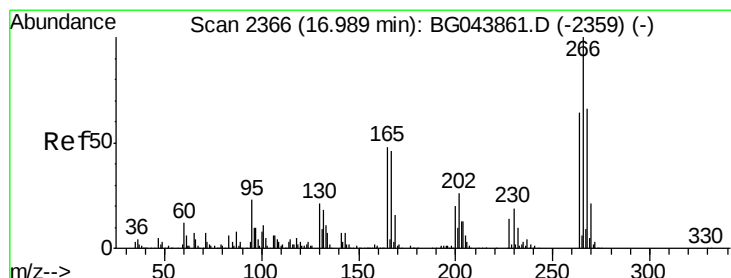
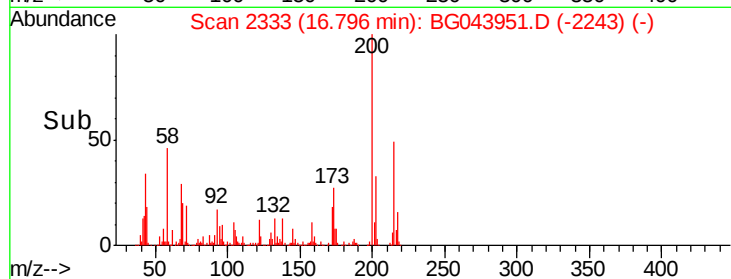
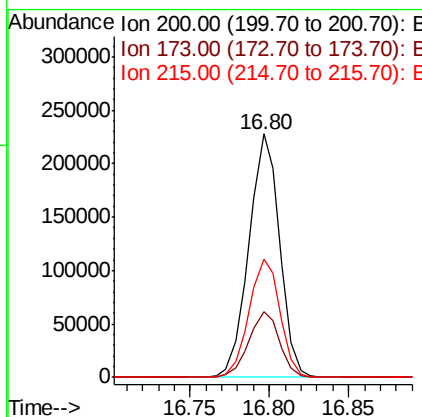
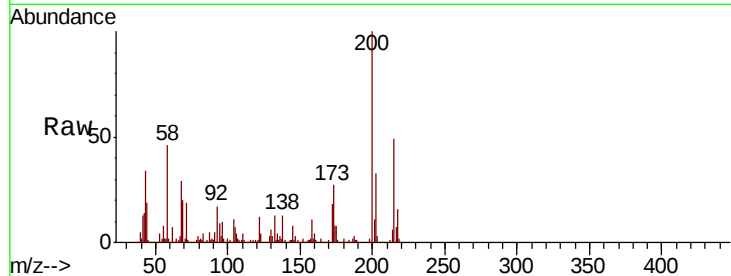
#69
Atrazine
Concen: 43.012 ng
RT: 16.80 min Scan# 2333
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

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

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.1	6.6	46.6	
215	48.8	28.6	68.6	

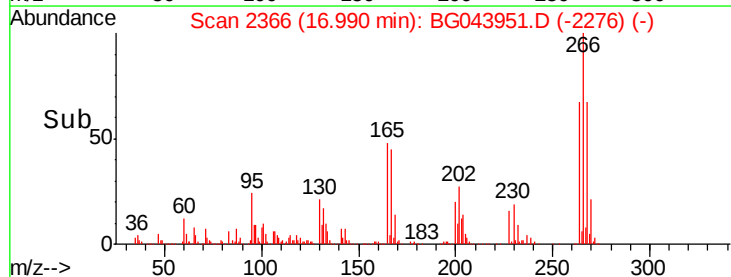
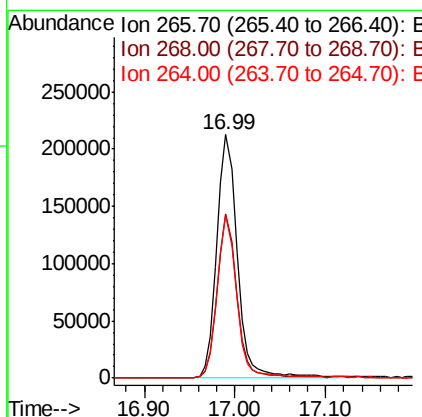
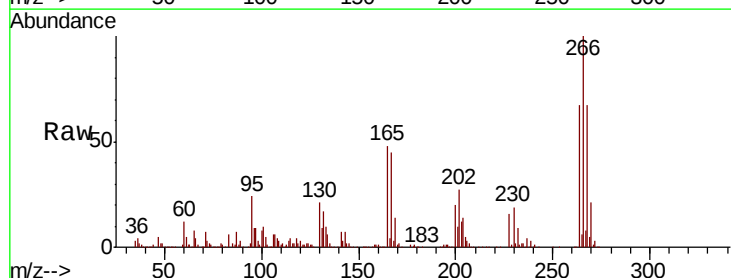
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#70
Pentachlorophenol
Concen: 67.686 ng
RT: 16.99 min Scan# 2366
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	67.5	52.6	79.0	
264	66.7	50.8	76.2	





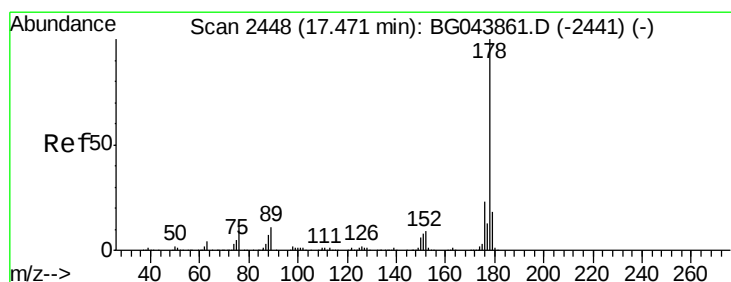
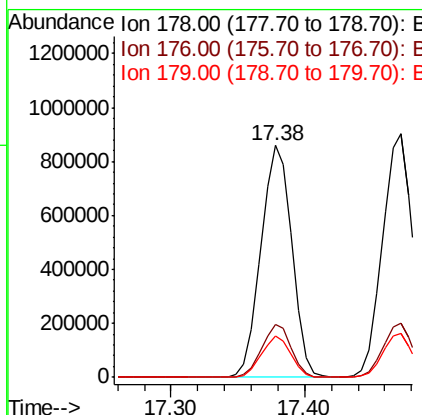
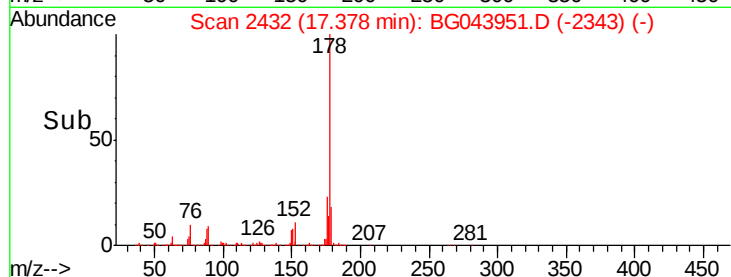
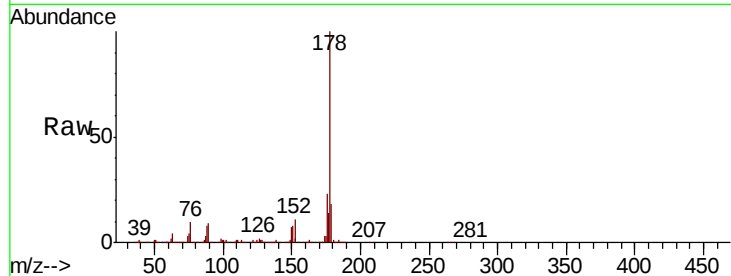
#71
Phenanthrene
Concen: 38.455 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

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

Tot Ion:178 Resp: 1372748
Ion Ratio Lower Upper
178 100
176 22.6 18.6 28.0
179 17.6 14.4 21.6

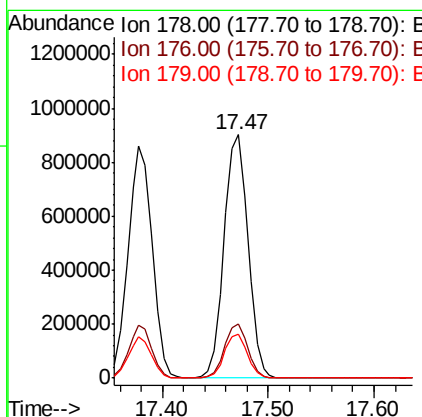
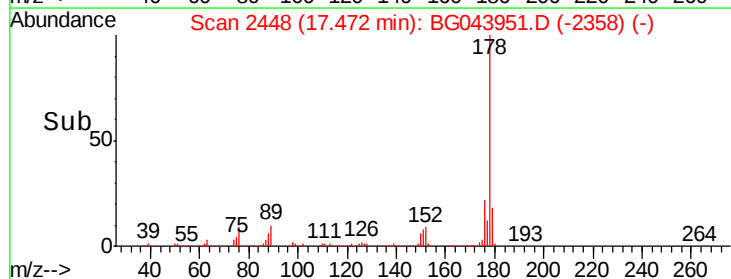
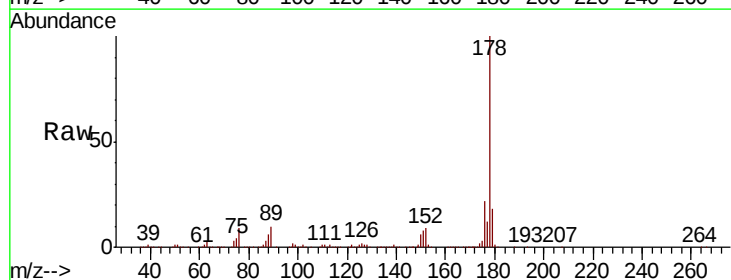
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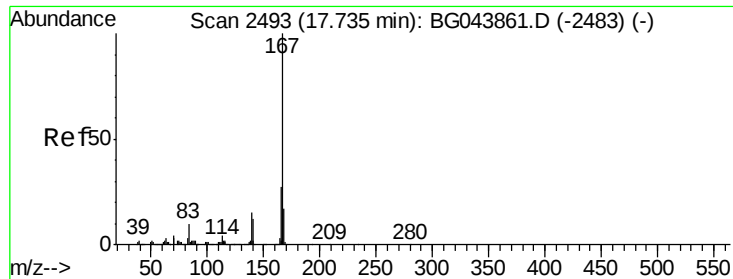
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#72
Anthracene
Concen: 40.153 ng
RT: 17.47 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion:178 Resp: 1416556
Ion Ratio Lower Upper
178 100
176 22.5 18.3 27.5
179 17.9 14.6 22.0





#73

Carbazole

Concen: 39.372 ng

RT: 17.74 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

Instrument :

BNA_G

ClientSampleId :

IDOC-W-02-CG

Tot Ion:167 Resp: 1283068

Ion Ratio Lower Upper

167 100

166 26.5 21.6 32.4

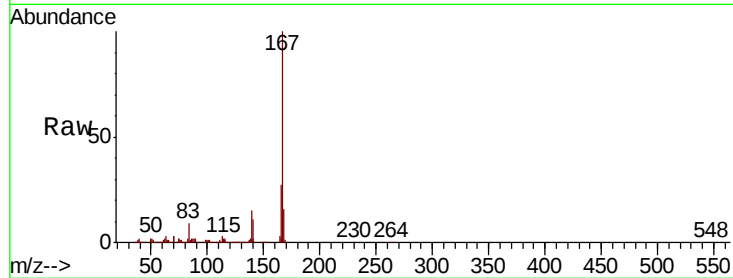
139 14.5 12.1 18.1

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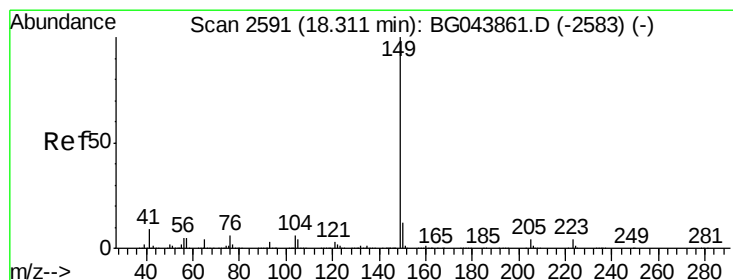
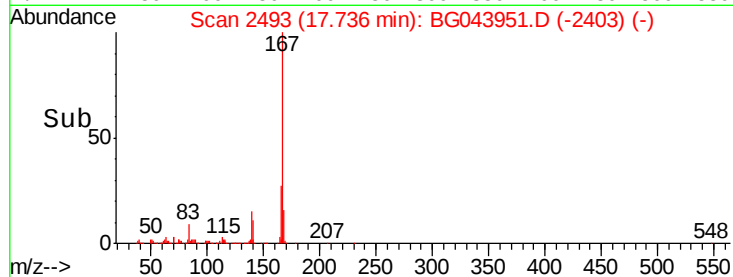
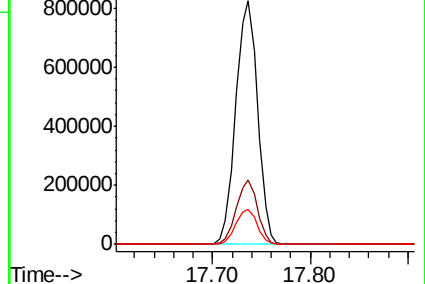
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.094 ng

RT: 18.31 min Scan# 2590

Delta R.T. -0.00 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

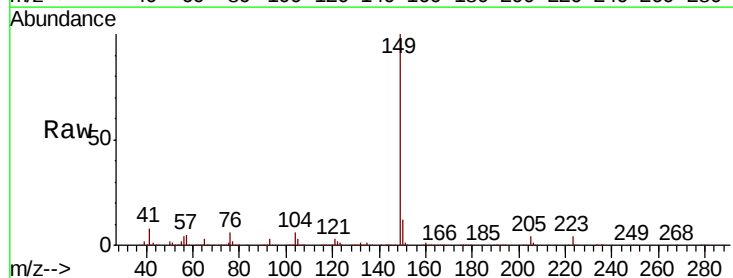
Tgt Ion:149 Resp: 1584990

Ion Ratio Lower Upper

149 100

150 11.6 9.7 14.5

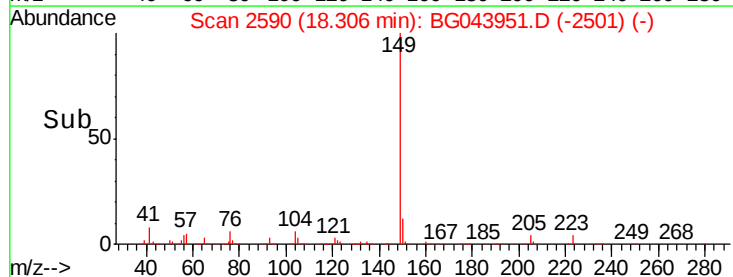
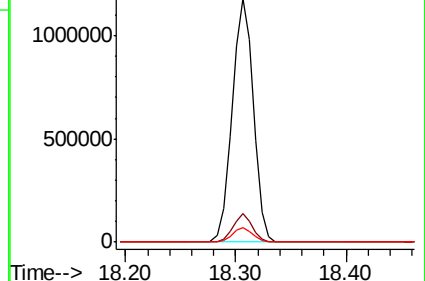
104 5.7 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.252 ng

RT: 19.39 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

Instrument :

BNA_G

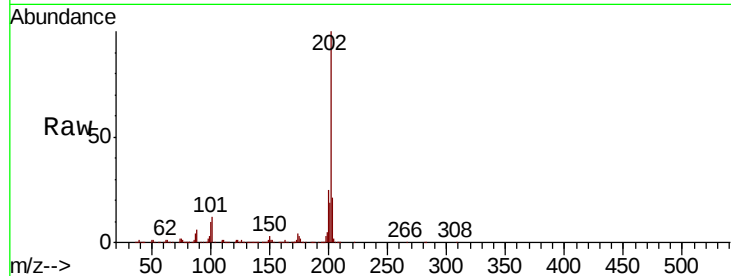
ClientSampleId :

IDOC-W-02-CG

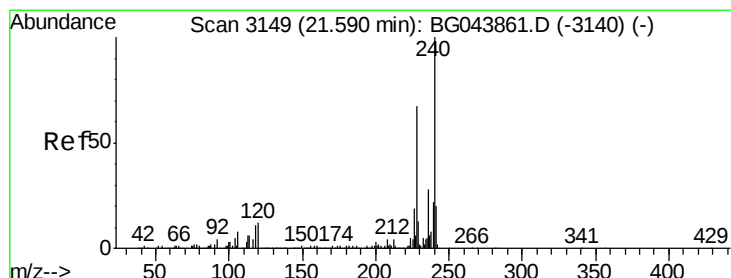
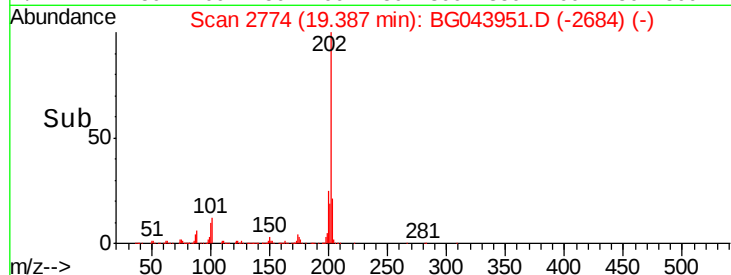
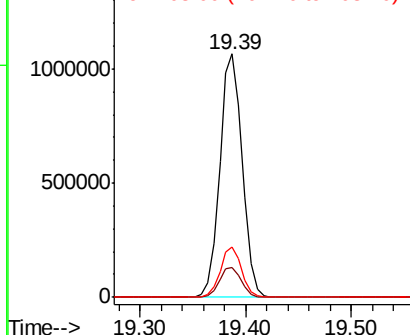
Tot Ion:	202	Resp:	1561651
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	33.3
203	20.6	1.6	41.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

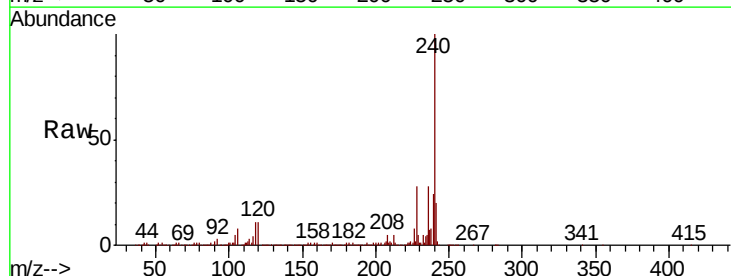
RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

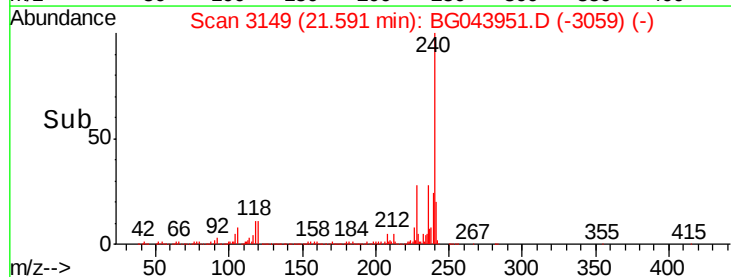
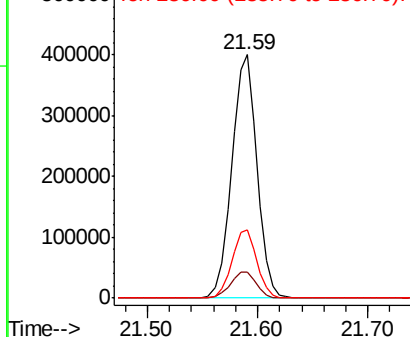
Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

Tgt Ion:	240	Resp:	638523
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.6	14.4
236	28.1	22.2	33.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.926 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

Instrument :

BNA_G

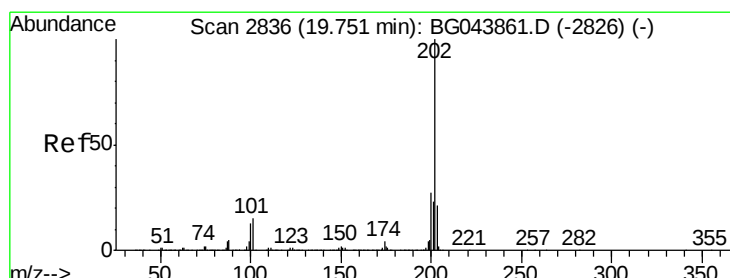
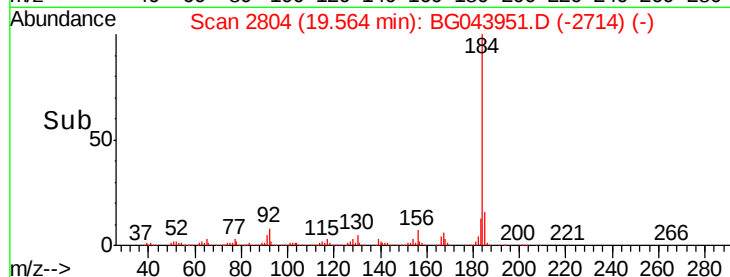
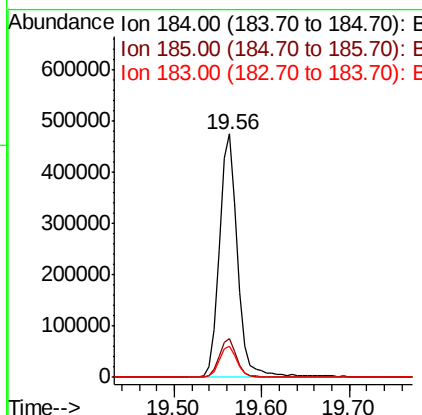
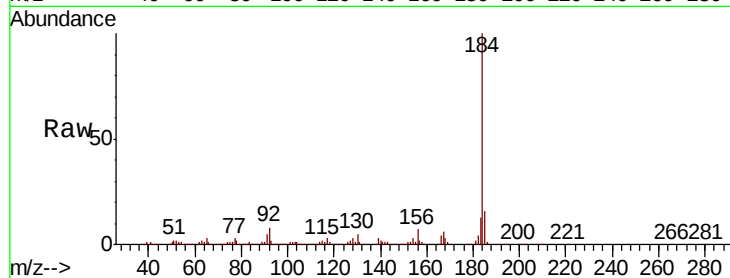
ClientSampleId :

IDOC-W-02-CG

Tot Ion:	184	Resp:	688952
Ion Ratio	Lower	Upper	
184	100		
185	15.8	13.4	20.0
183	12.8	10.6	15.8

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#78

Pyrene

Concen: 37.493 ng

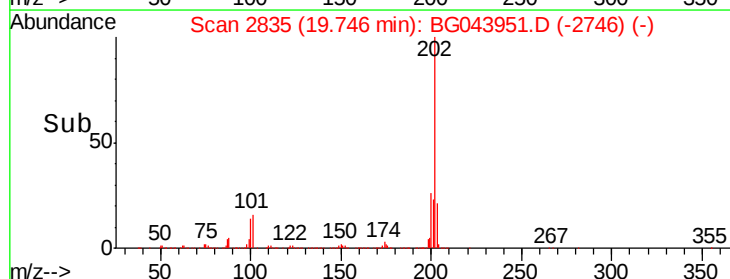
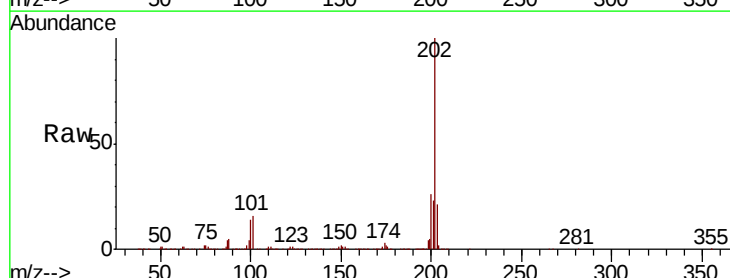
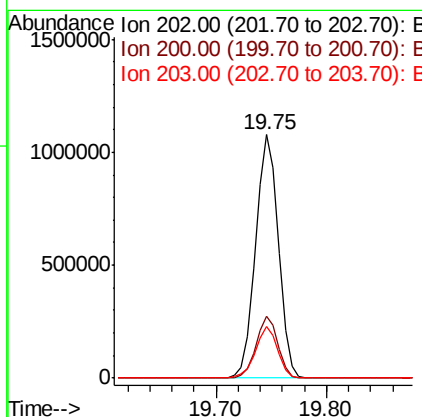
RT: 19.75 min Scan# 2835

Delta R.T. -0.00 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

Tgt Ion:	202	Resp:	1562664
Ion Ratio	Lower	Upper	
202	100		
200	25.6	21.7	32.5
203	21.2	17.0	25.6





#79

Terphenyl-d14

Concen: 72.798 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.00 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

Instrument :

BNA_G

ClientSampleId :

IDOC-W-02-CG

Tot Ion:244 Resp: 2005748

Ion Ratio Lower Upper

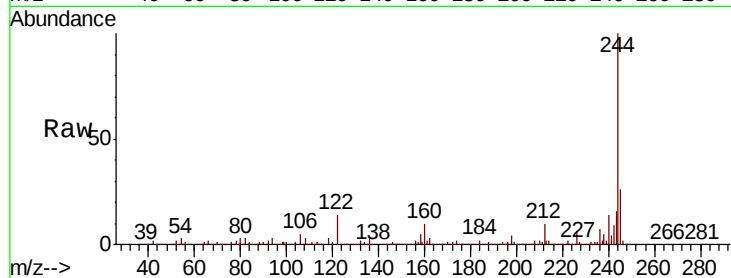
244 100

212 9.8 8.6 13.0

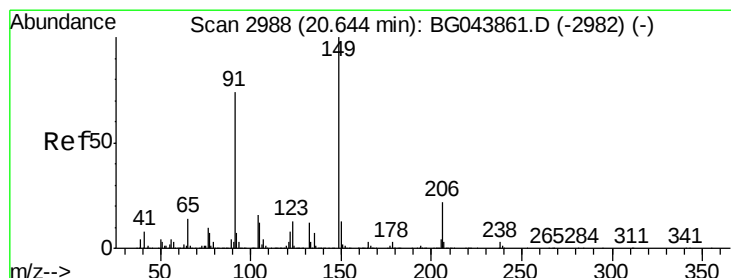
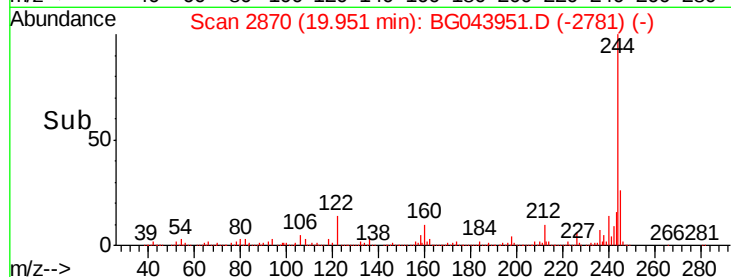
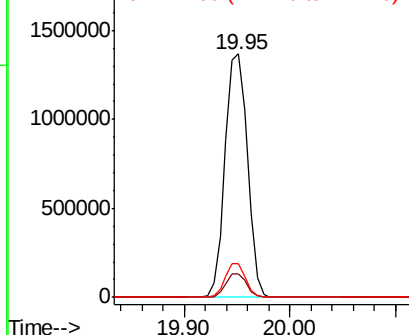
122 13.7 11.9 17.9

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.950 ng

RT: 20.64 min Scan# 2987

Delta R.T. -0.00 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

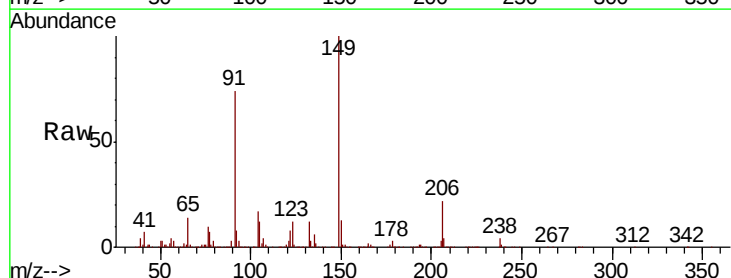
Tgt Ion:149 Resp: 733190

Ion Ratio Lower Upper

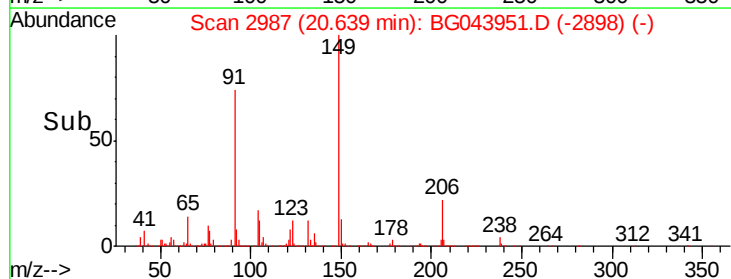
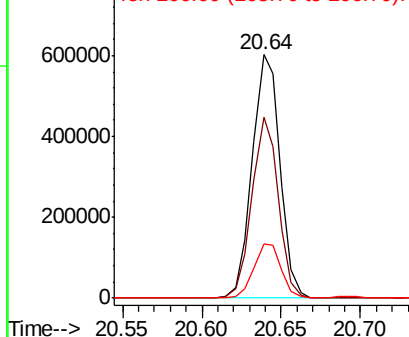
149 100

91 74.4 59.5 89.3

206 22.2 17.8 26.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.457 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

Instrument :

BNA_G

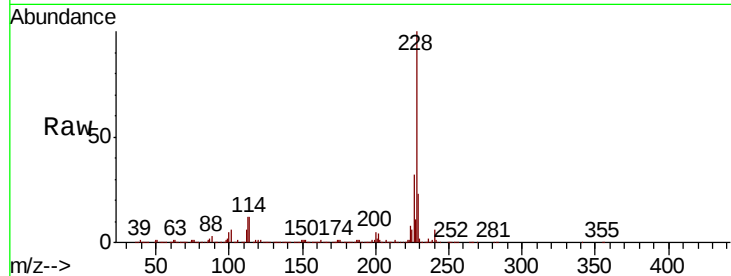
ClientSampleId :

IDOC-W-02-CG

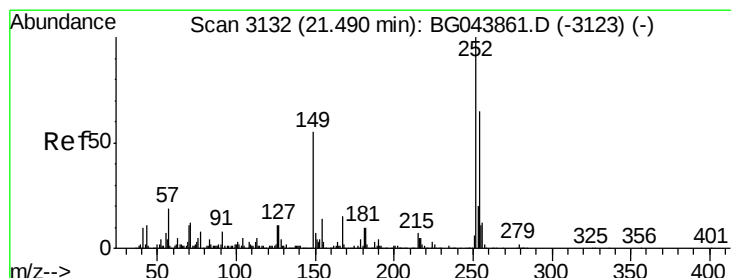
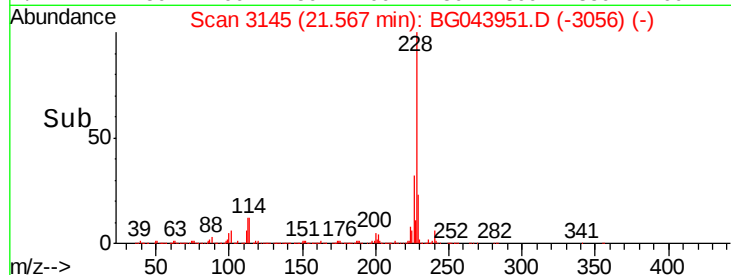
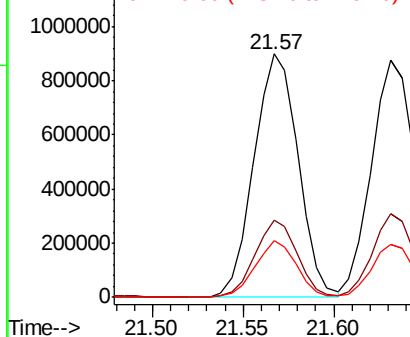
Tot Ion:	228	Resp:	1522611
Ion	Ratio	Lower	Upper
228	100		
226	31.6	26.2	39.4
229	23.4	18.9	28.3

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.870 ng

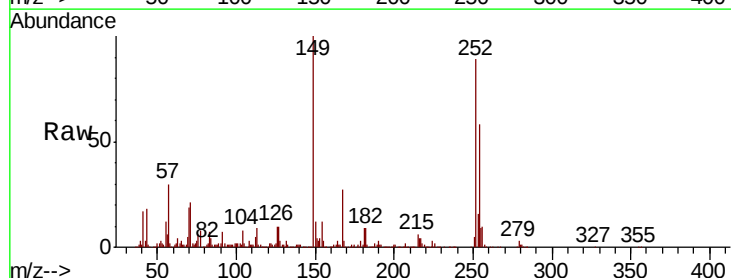
RT: 21.48 min Scan# 3131

Delta R.T. -0.00 min

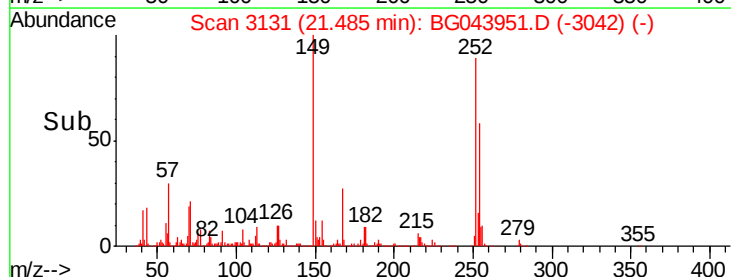
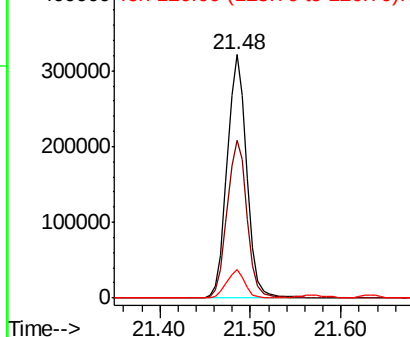
Lab File: BG043951.D

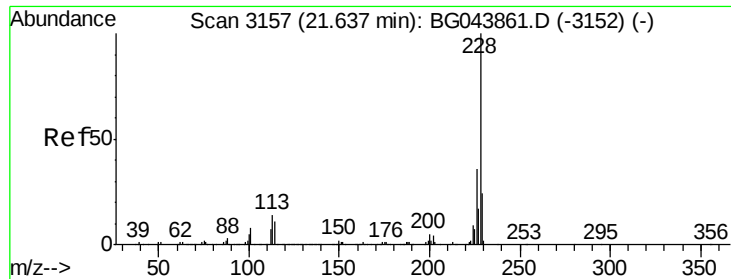
Acq: 7 Jan 2020 12:26

Tgt Ion:	252	Resp:	482870
Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.1	78.1
126	11.6	9.1	13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





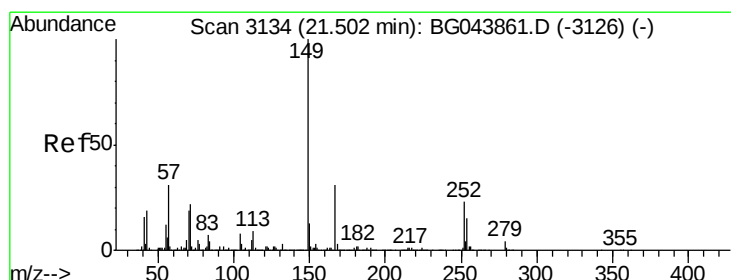
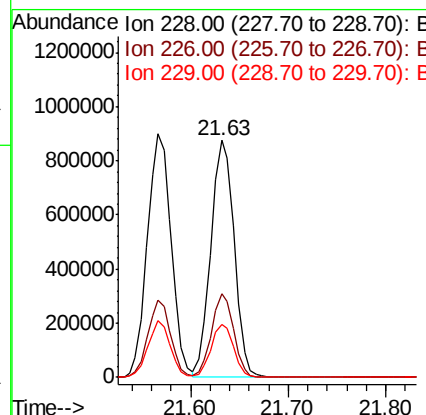
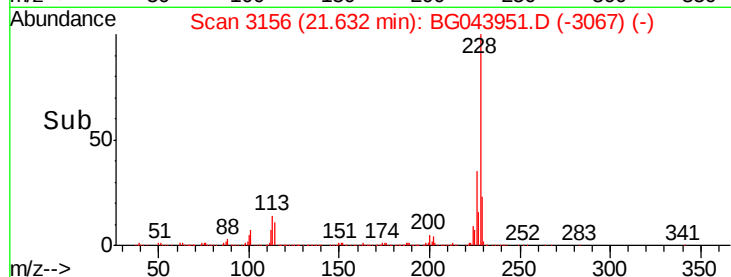
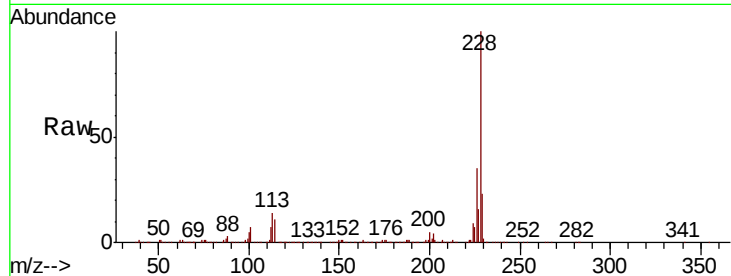
#83
 Chrvsene
 Concen: 38.426 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: BG043951.D
 Acq: 7 Jan 2020 12:26

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.3	28.8	43.2
229	22.6	19.0	28.6

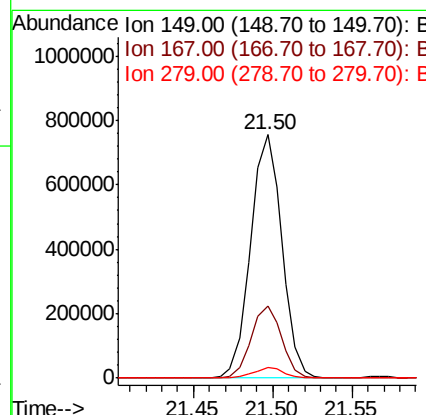
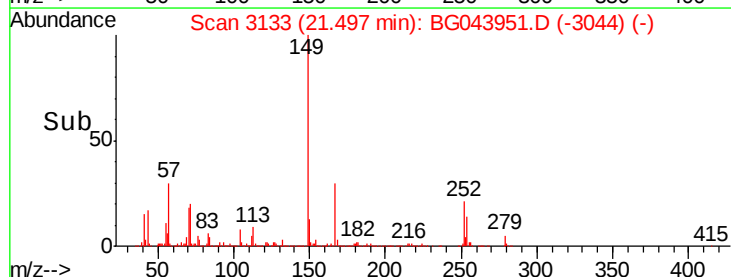
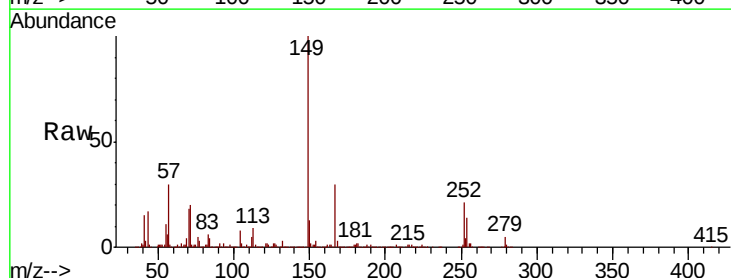
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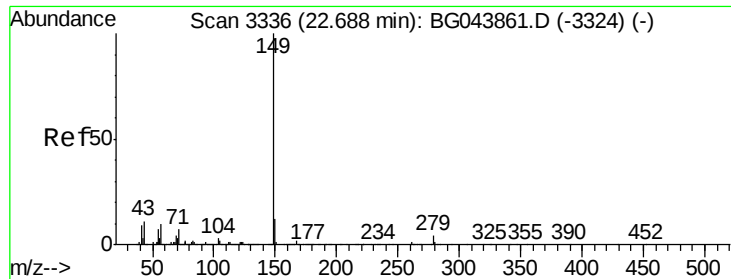
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.799 ng
 RT: 21.50 min Scan# 3133
 Delta R.T. -0.00 min
 Lab File: BG043951.D
 Acq: 7 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.7	37.1
279	4.6	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 38.875 ng

RT: 22.68 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

Instrument :

BNA_G

ClientSampleId :

IDOC-W-02-CG

Tot Ion:149 Resp: 1789375

Ion Ratio Lower Upper

149 100

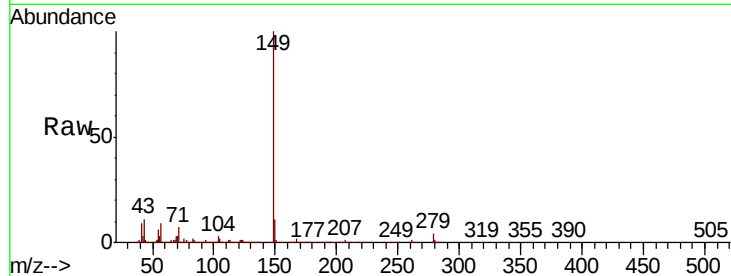
167 1.7 1.4 2.0

43 10.2 8.8 13.2

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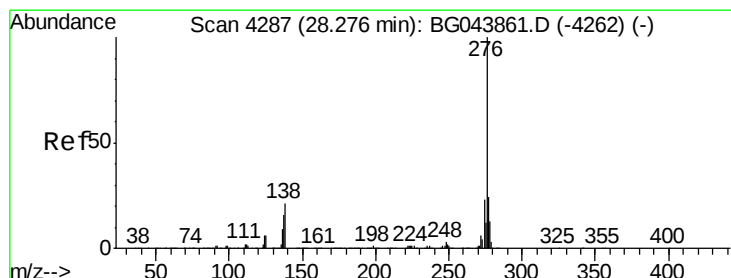
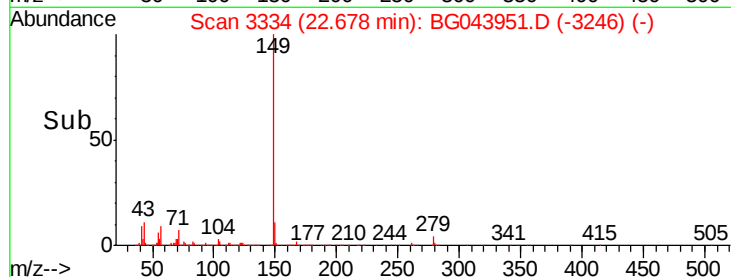
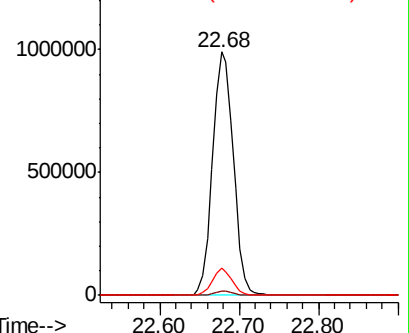
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.598 ng

RT: 28.25 min Scan# 4283

Delta R.T. -0.02 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

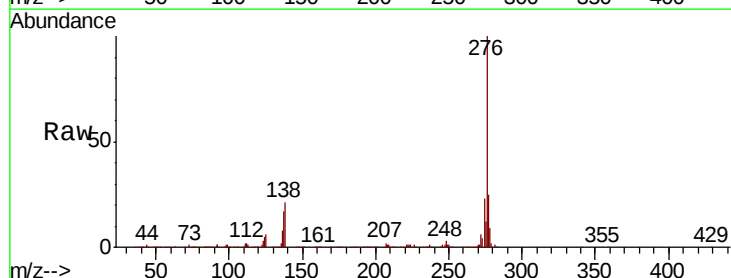
Tgt Ion:276 Resp: 1820038

Ion Ratio Lower Upper

276 100

138 14.7 21.0 31.4#

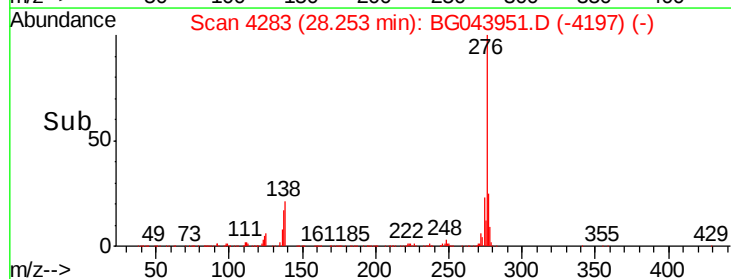
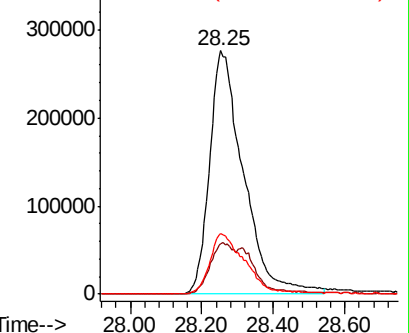
277 25.5 21.1 31.7

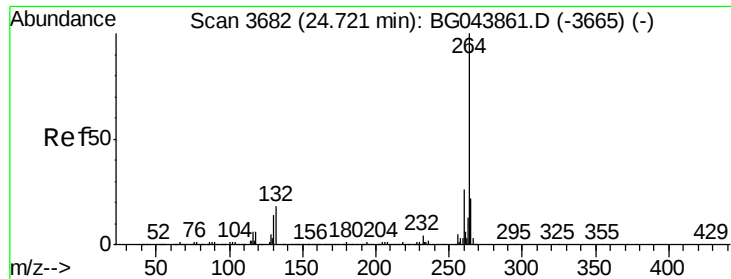


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





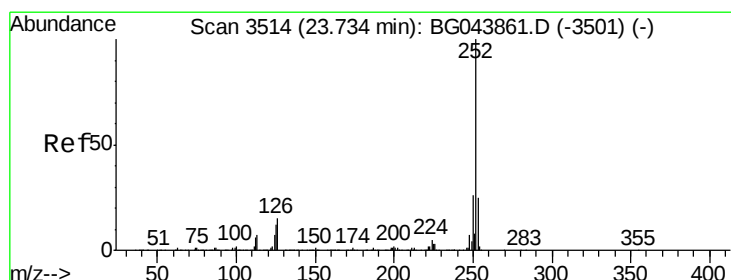
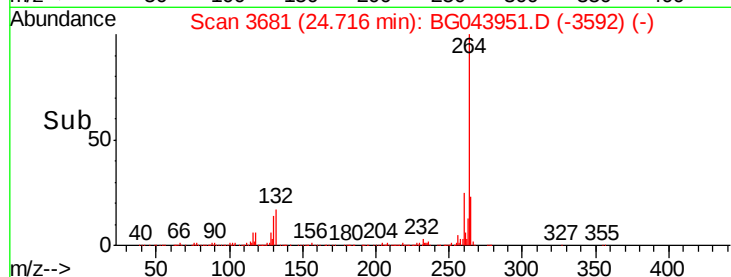
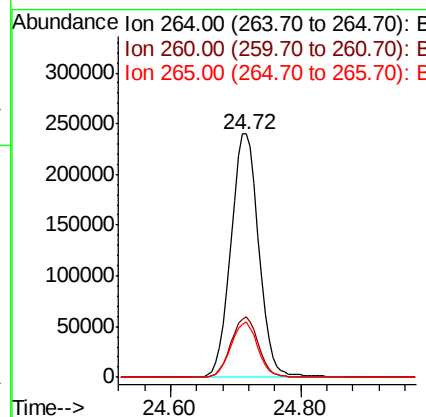
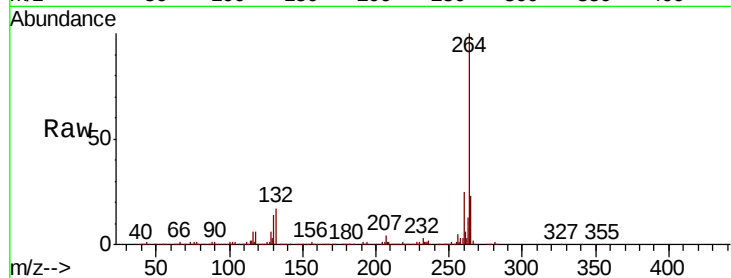
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.4	30.6
265	22.9	17.4	26.2

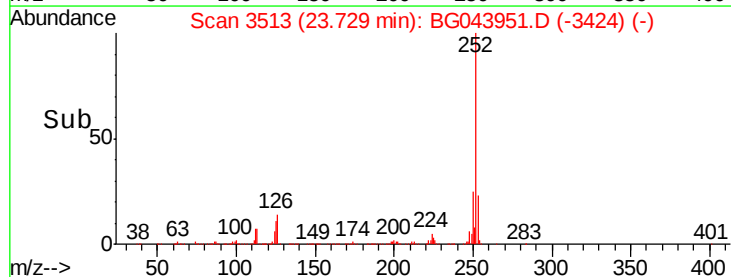
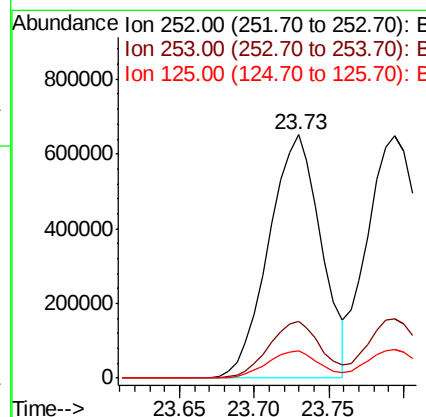
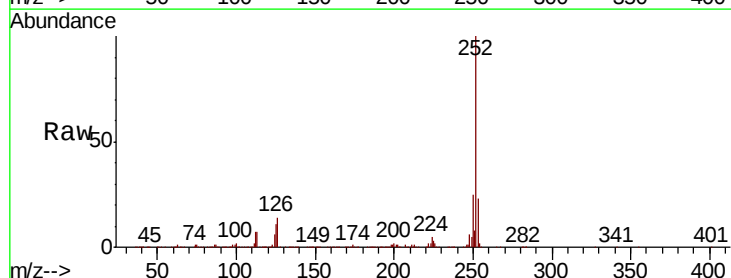
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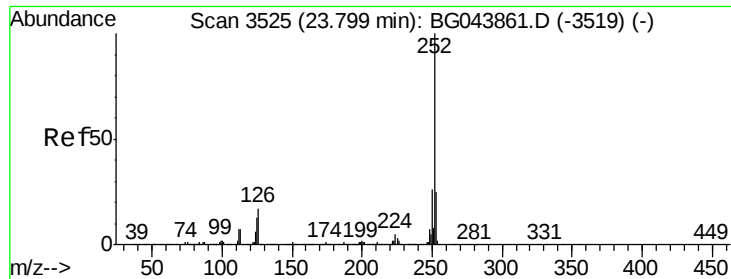
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#88
Benzo(b)fluoranthene
Concen: 37.899 ng
RT: 23.73 min Scan# 3513
Delta R.T. -0.00 min
Lab File: BG043951.D
Acq: 7 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.7	29.5
125	11.1	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 39.466 ng

RT: 23.79 min Scan# 3524

Delta R.T. -0.00 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

Instrument :

BNA_G

ClientSampleId :

IDOC-W-02-CG

Tot Ion:252 Resp: 1580488

Ion Ratio Lower Upper

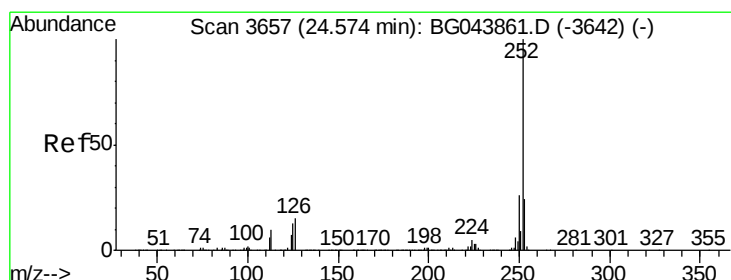
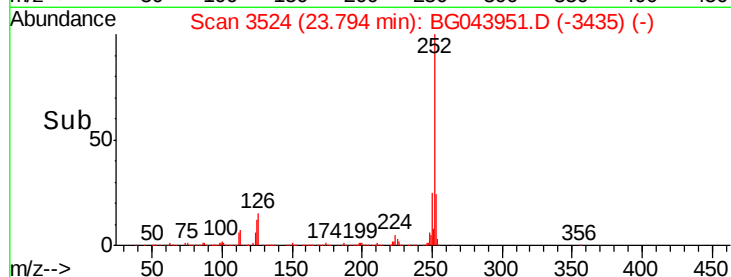
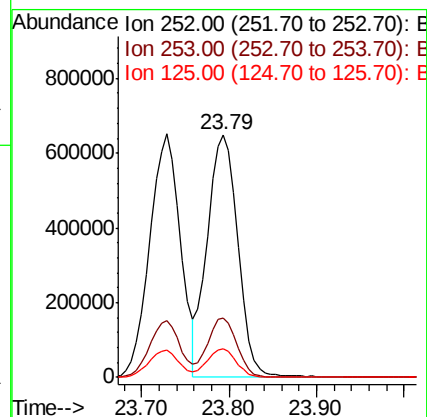
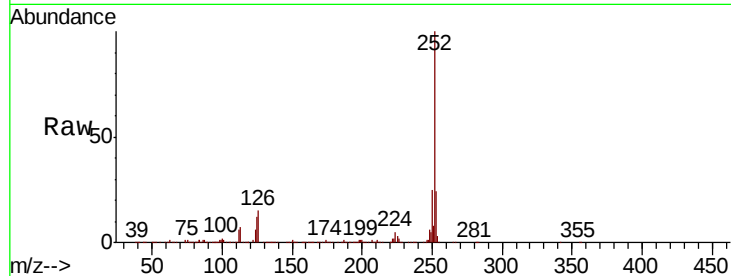
252 100

253 24.4 19.4 29.2

125 11.9 9.9 14.9

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#90

Benzo(a)pyrene

Concen: 37.515 ng

RT: 24.57 min Scan# 3656

Delta R.T. -0.00 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

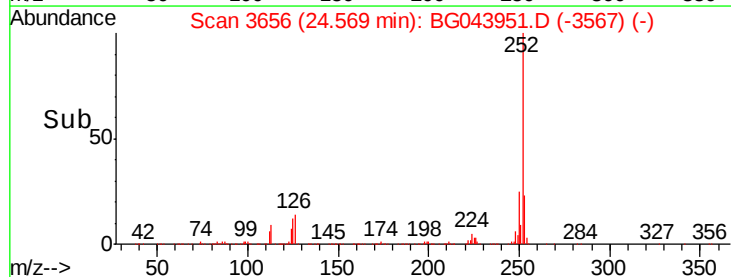
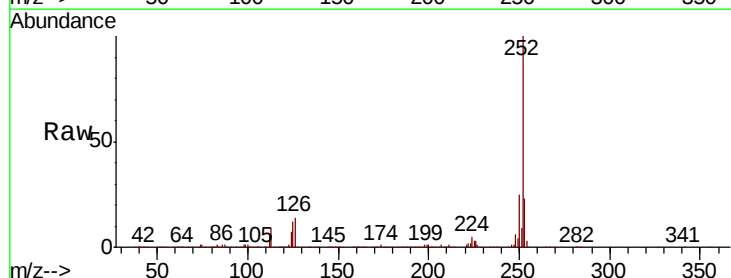
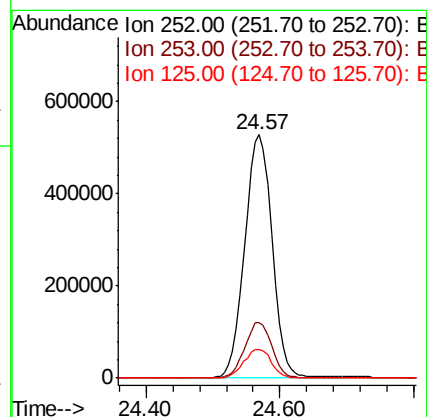
Tgt Ion:252 Resp: 1491098

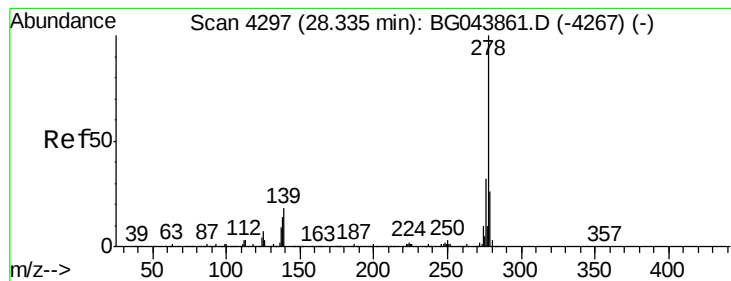
Ion Ratio Lower Upper

252 100

253 22.9 19.3 28.9

125 11.9 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 37.466 ng

RT: 28.32 min Scan# 4295

Delta R.T. -0.01 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

Instrument :

BNA_G

ClientSampleId :

IDOC-W-02-CG

Tot Ion:278 Resp: 1495570

Ion Ratio Lower Upper

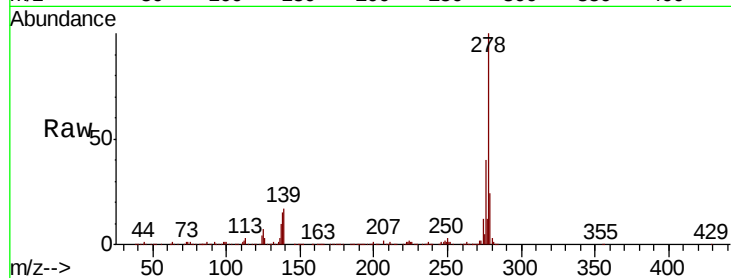
278 100

139 17.0 14.2 21.4

279 24.1 20.6 30.8

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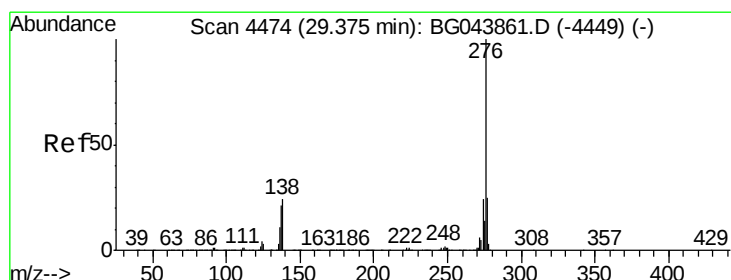
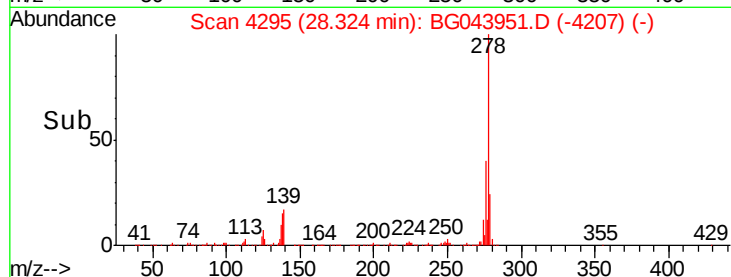
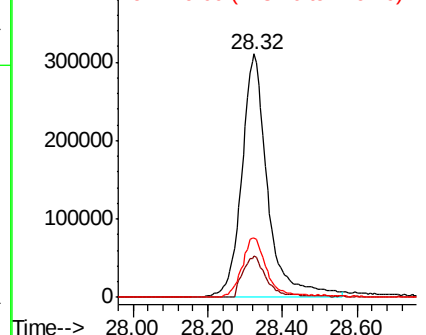


Abundance

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: 36.471 ng

RT: 29.36 min Scan# 4472

Delta R.T. -0.01 min

Lab File: BG043951.D

Acq: 7 Jan 2020 12:26

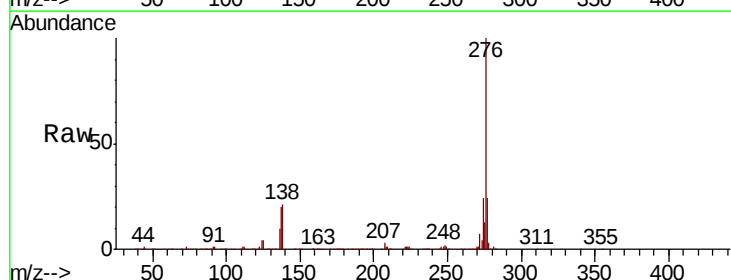
Tgt Ion:276 Resp: 1446110

Ion Ratio Lower Upper

276 100

277 24.1 20.2 30.4

138 20.7 19.0 28.6



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

