

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043894.D
 Acq On : 3 Jan 2020 19:15
 Operator : JU
 Sample : K6464-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-1MS

Manual Integrations
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mohammad
 1/6/2020 11:41:46 AM

Quant Time: Jan 04 04:50:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	136737	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	594732	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	398590	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	837133	20.00	ng	0.00
76) Chrysene-d12	21.59	240	700540	20.00	ng	0.00
87) Perylene-d12	24.72	264	817218	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	529080	71.05	ng	0.00
7) Phenol-d6	7.12	99	462128	44.39	ng	0.00
23) Nitrobenzene-d5	9.12	82	989638	89.02	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	617382	148.01	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2036665	92.58	ng	0.00
79) Terphenyl-d14	19.95	244	2656372	93.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	55362	17.050	ng	94
3) Pyridine	3.83	79	115354	12.026	ng	97
4) n-Nitrosodimethylamine	3.75	42	74924	17.544	ng	# 95
6) Aniline	7.28	93	183496	13.421	ng	100
8) 2-Chlorophenol	7.53	128	365162	41.768	ng	99
9) Benzaldehyde	7.10	77	311458	46.749	ng	97
10) Phenol	7.15	94	182799	17.044	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	441979	47.740	ng	97
12) 1,3-Dichlorobenzene	7.85	146	405292	39.615	ng	98
13) 1,4-Dichlorobenzene	8.00	146	408427	40.460	ng	99
14) 1,2-Dichlorobenzene	8.32	146	399125	41.193	ng	99
15) Benzyl Alcohol	8.19	79	234692	28.567	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	642236	44.839	ng	99
17) 2-Methylphenol	8.41	107	264934	34.135	ng	97
18) Hexachloroethane	9.05	117	149396	38.035	ng	98
19) n-Nitroso-di-n-propylamine	8.77	70	367620	47.421	ng	96
20) 3+4-Methylphenols	8.73	107	324201	29.943	ng	97
22) Acetophenone	8.78	105	656967	44.433	ng	98
24) Nitrobenzene	9.16	77	504564	45.824	ng	99
25) Isophorone	9.69	82	994091	47.662	ng	99
26) 2-Nitrophenol	9.87	139	248795	47.759	ng	97
27) 2,4-Dimethylphenol	9.94	122	397337	50.669	ng	99
28) bis(2-Chloroethoxy)methane	10.17	93	629313	45.258	ng	99
29) 2,4-Dichlorophenol	10.41	162	432134	46.199	ng	97
30) 1,2,4-Trichlorobenzene	10.63	180	413979	39.472	ng	98
31) Naphthalene	10.81	128	1284583	44.635	ng	100
32) Benzoic acid	10.02	122	61586	14.648	ng	96
33) 4-Chloroaniline	10.91	127	141476	10.306	ng	97
34) Hexachlorobutadiene	11.11	225	226036	35.299	ng	100
35) Caprolactam	11.69	113	23691m	6.804	ng	
36) 4-Chloro-3-methylphenol	12.04	107	441628	44.350	ng	97
37) 2-Methylnaphthalene	12.42	142	983831	45.406	ng	99
38) 1-Methylnaphthalene	12.64	142	948540	46.190	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	473669	40.545	ng	99

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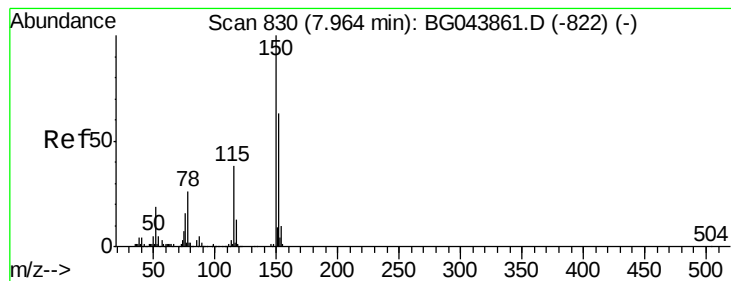
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	551440	91.045	nq	99
43) 2,4,6-Trichlorophenol	13.02	196	371839	46.257	nq	98
44) 2,4,5-Trichlorophenol	13.09	196	391596	47.232	nq	98
46) 1,1'-Biphenyl	13.43	154	1272928	44.542	nq	98
47) 2-Chloronaphthalene	13.47	162	994801	43.078	nq	99
48) 2-Nitroaniline	13.66	65	332685	44.786	nq	99
49) Acenaphthylene	14.32	152	1572700	47.382	nq	99
50) Dimethylphthalate	14.05	163	1374701	48.573	nq	99
51) 2,6-Dinitrotoluene	14.16	165	315079	49.256	nq	97
52) Acenaphthene	14.66	154	1044411	44.869	nq	98
53) 3-Nitroaniline	14.49	138	77757	10.704	nq	# 99
54) 2,4-Dinitrophenol	14.69	184	310318	94.180	nq	96
55) Dibenzofuran	14.99	168	1526451	47.637	nq	98
56) 4-Nitrophenol	14.80	139	210421	37.801	nq	93
57) 2,4-Dinitrotoluene	14.95	165	424355	48.753	nq	97
58) Fluorene	15.64	166	1212133	47.726	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	356425	49.995	nq	99
60) Diethylphthalate	15.42	149	1371853	48.463	nq	100
61) 4-Chlorophenyl-phenylether	15.64	204	640333	46.432	nq	99
62) 4-Nitroaniline	15.66	138	291975	40.702	nq	97
63) Azobenzene	15.93	77	1296735	49.396	nq	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	229510	52.735	nq	98
66) n-Nitrosodiphenylamine	15.85	169	1162231	47.145	nq	99
67) 4-Bromophenyl-phenylether	16.53	248	421734	44.793	nq	99
68) Hexachlorobenzene	16.65	284	442235	43.591	nq	98
69) Atrazine	16.80	200	435345	54.327	nq	99
70) Pentachlorophenol	16.99	266	556356	99.482	nq	99
71) Phenanthrene	17.38	178	1898416	47.279	nq	98
72) Anthracene	17.47	178	1946745	49.058	nq	96
73) Carbazole	17.74	167	1800276	49.113	nq	98
74) Di-n-butylphthalate	18.31	149	2143543	45.802	nq	98
75) Fluoranthene	19.39	202	2123452	46.242	nq	96
77) Benzidine	19.56	184	587868	33.385	nq	99
78) Pyrene	19.75	202	2145627	46.923	nq	98
80) Butylbenzylphthalate	20.64	149	1050346	48.247	nq	98
81) Benzo(a)anthracene	21.57	228	2050497	47.205	nq	98
82) 3,3'-Dichlorobenzidine	21.48	252	417220	24.311	nq	98
83) Chrysene	21.64	228	1966318	47.639	nq	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	1479083	49.239	nq	98
85) Di-n-octyl phthalate	22.69	149	2506259	49.629	nq	99
86) Indeno(1,2,3-cd)pyrene	28.27	276	2687506	47.912	nq	# 93
88) Benzo(b)fluoranthene	23.73	252	2232377	46.208	nq	99
89) Benzo(k)fluoranthene	23.80	252	2158884	46.992	nq	97
90) Benzo(a)pyrene	24.57	252	2084817	45.722	nq	100
91) Dibenzo(a,h)anthracene	28.34	278	2195940	47.953	nq	99
92) Benzo(g,h,i)perylene	29.37	276	2241311	49.273	nq	99

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



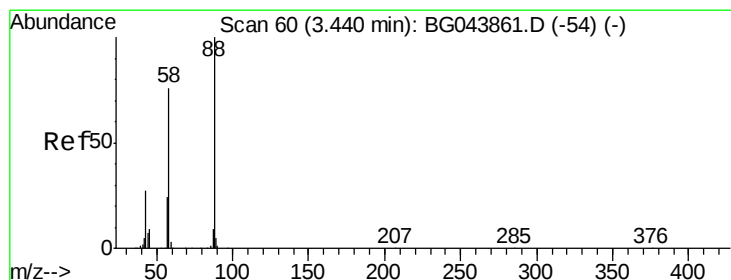
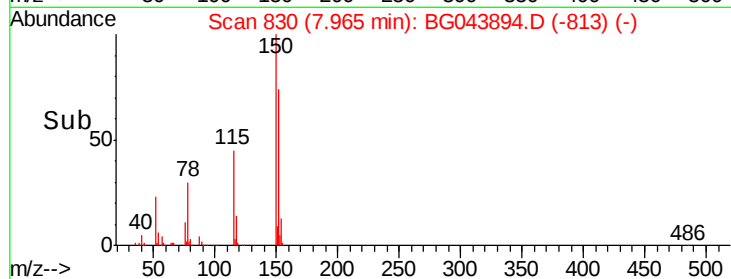
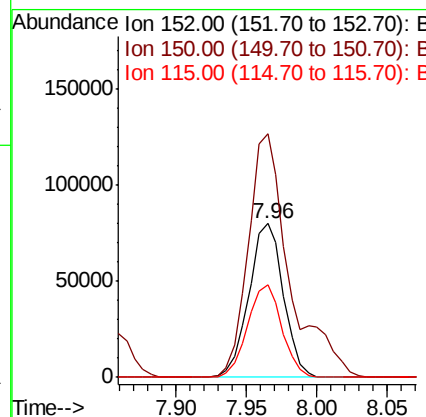
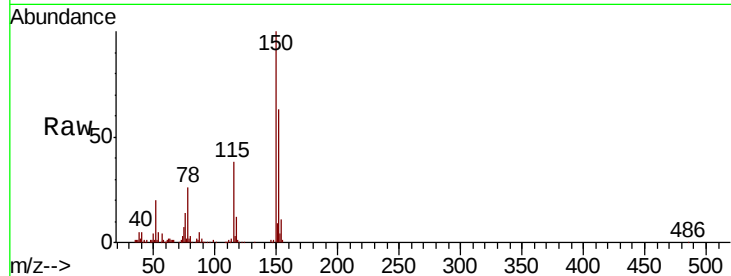
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.96 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Instrument :
 BNA_G
 ClientSampleId :
 GW-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	127.0	190.4
115	60.4	47.8	71.8

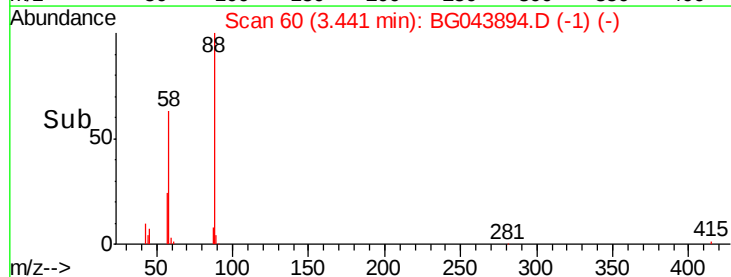
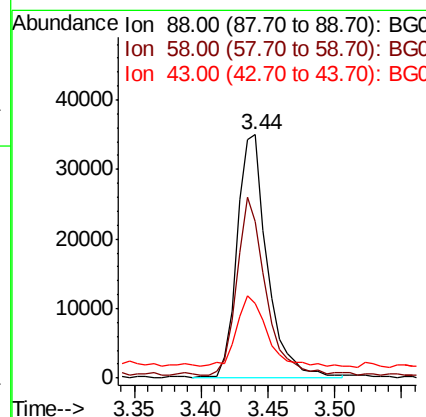
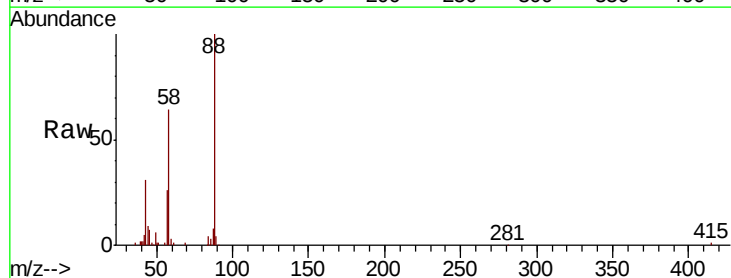
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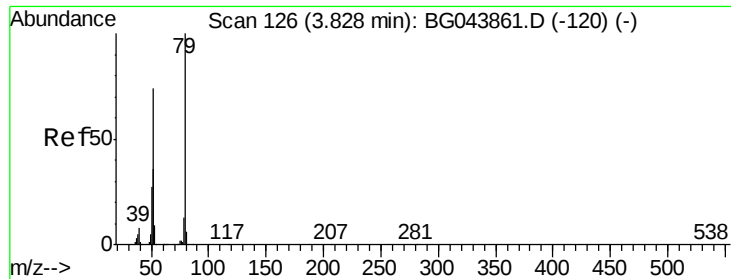
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#2
 1,4-Dioxane
 Concen: 17.050 ng
 RT: 3.44 min Scan# 60
 Delta R.T. 0.00 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.5	59.8	89.8
43	30.7	22.9	34.3





#3

Pvridine

Concen: 12.026 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Instrument :

BNA_G

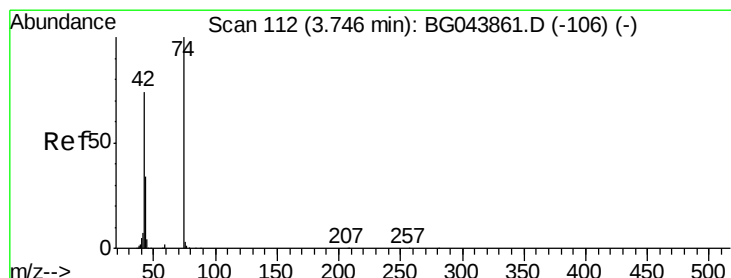
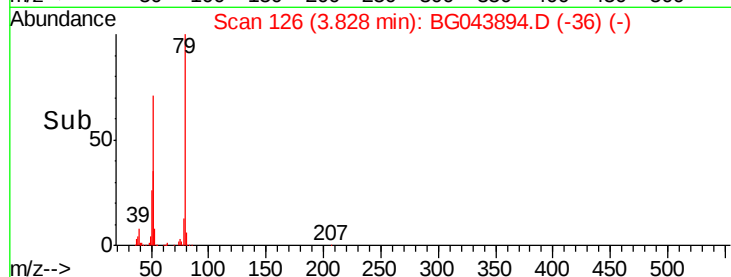
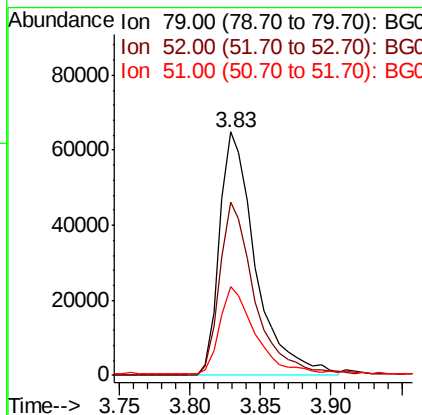
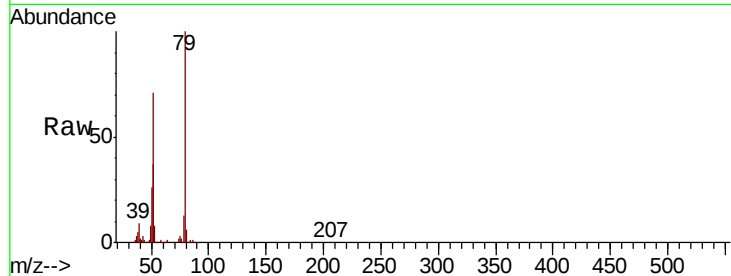
ClientSampleId :

GW-1MS

Tot Ion:	79	Resp:	115354
Ion	Ratio	Lower	Upper
79	100		
52	71.1	58.9	88.3
51	36.7	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 17.544 ng

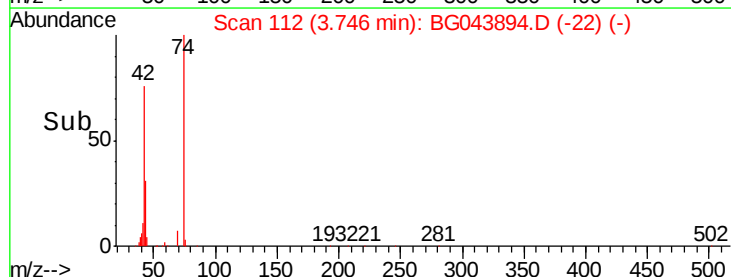
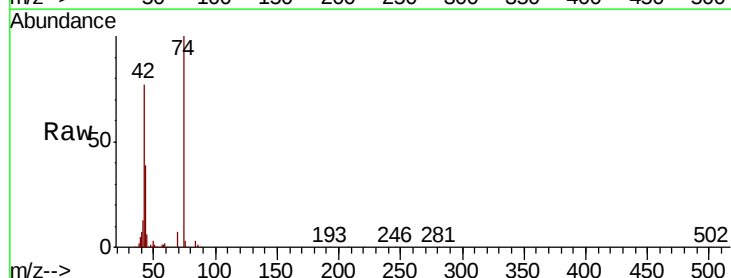
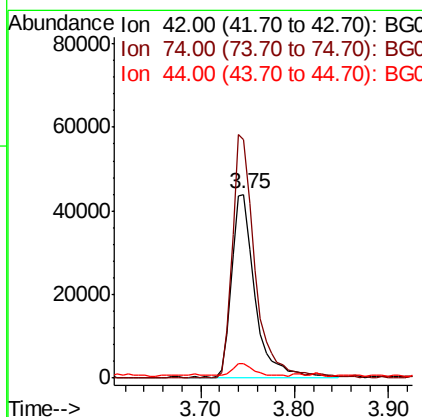
RT: 3.75 min Scan# 112

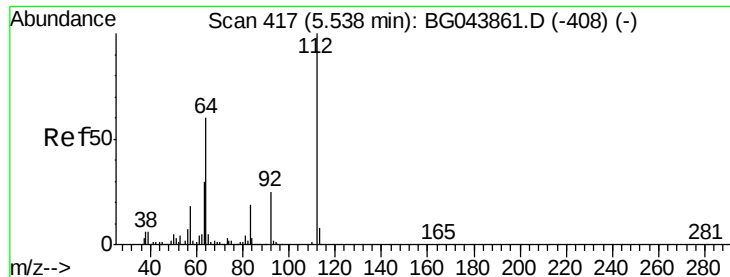
Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Tgt Ion:	42	Resp:	74924
Ion	Ratio	Lower	Upper
42	100		
74	129.9	108.6	162.8
44	7.9	5.0	7.6#





#5

2-Fluorophenol

Concen: 71.045 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Instrument :

BNA_G

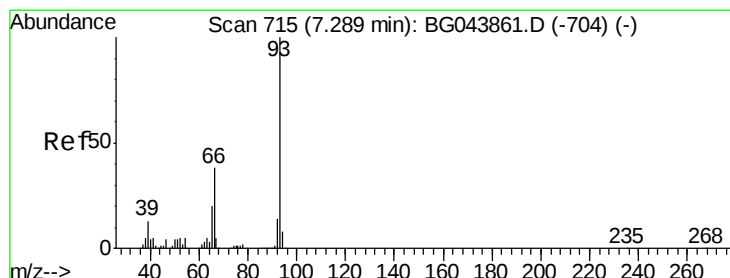
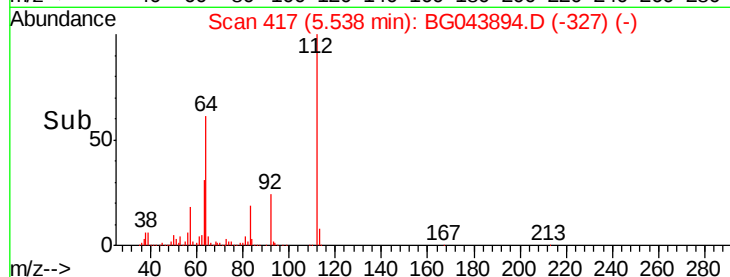
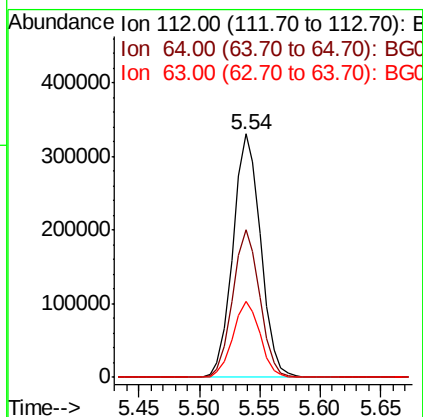
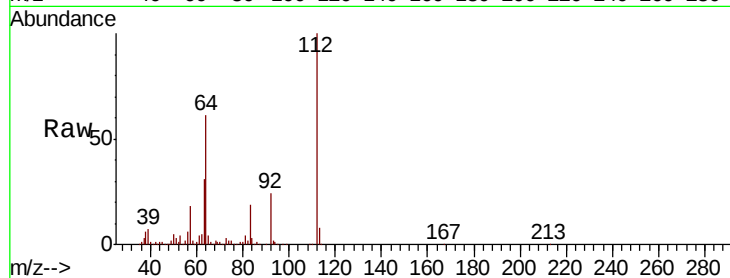
ClientSampleId :

GW-1MS

Tot Ion:	112	Resp:	529080
Ion Ratio	Lower	Upper	
112	100		
64	60.8	47.8	71.6
63	31.1	24.3	36.5

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#6

Aniline

Concen: 13.421 ng

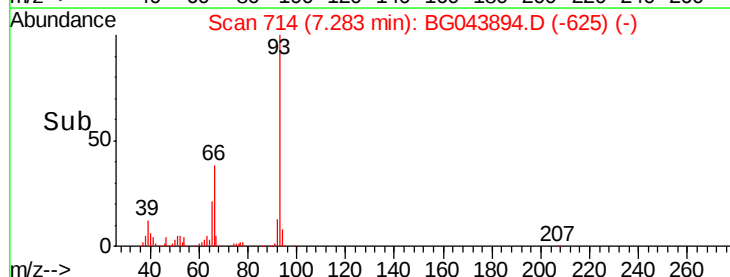
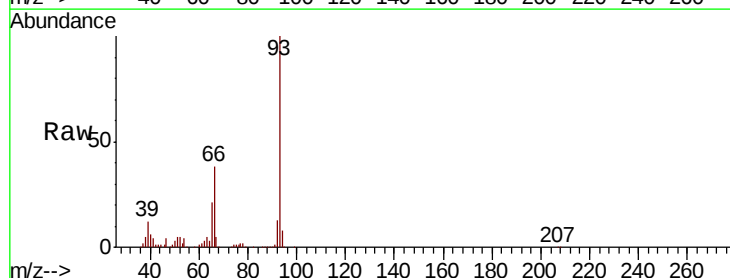
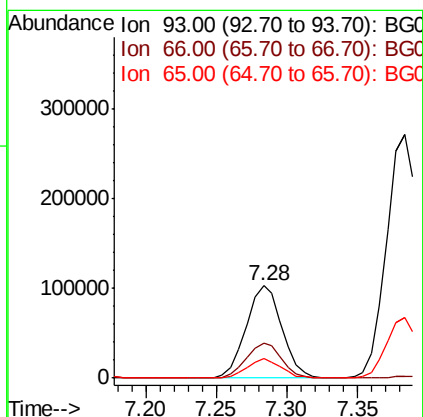
RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Tgt Ion:	93	Resp:	183496
Ion Ratio	Lower	Upper	
93	100		
66	38.5	30.8	46.2
65	20.6	16.0	24.0





#7

Phenol-d6

Concen: 44.394 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Instrument :

BNA_G

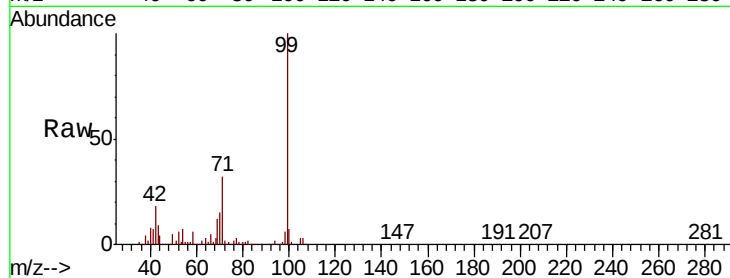
ClientSampled :

GW-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		462128		
42	18.2	14.9	22.3		
71	32.0	26.4	39.6		

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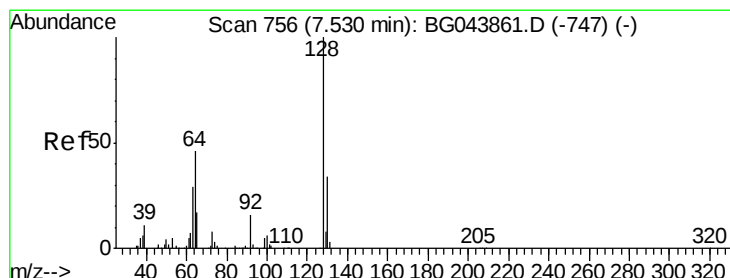
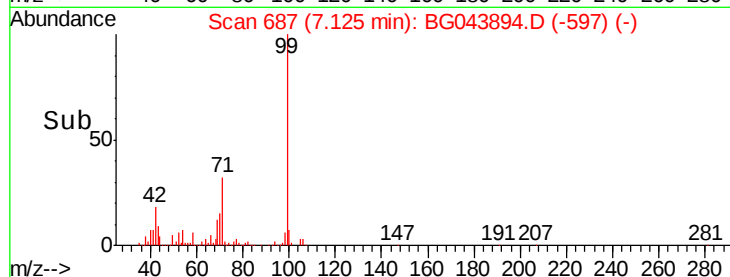
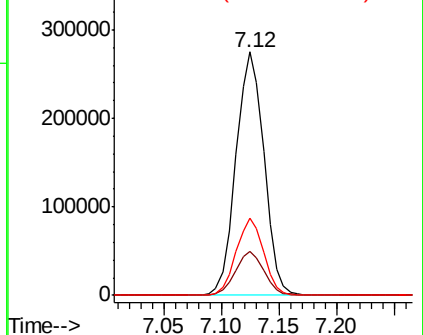


Abundance

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: 41.768 ng

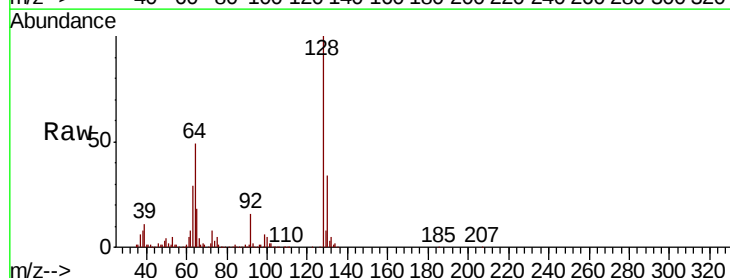
RT: 7.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		365162		
130	34.1	13.8	53.8		
64	48.6	27.6	67.6		

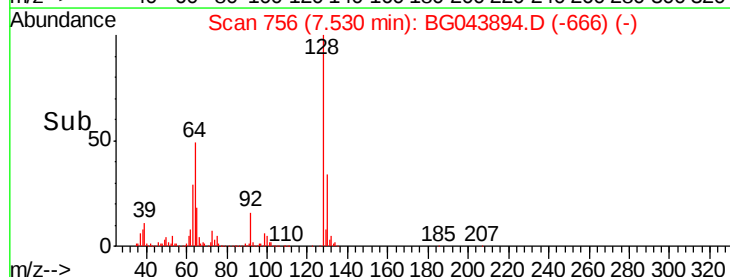
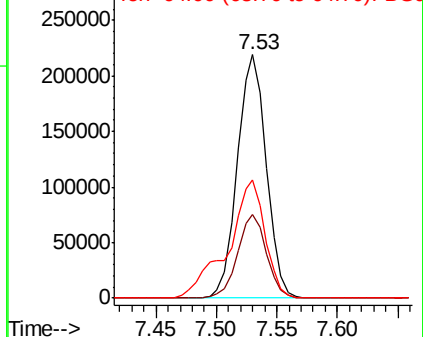


Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 46.749 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Instrument :

BNA_G

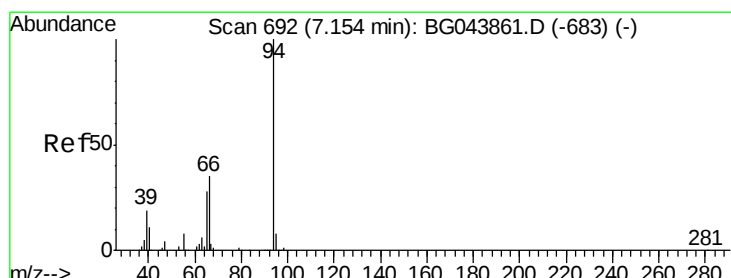
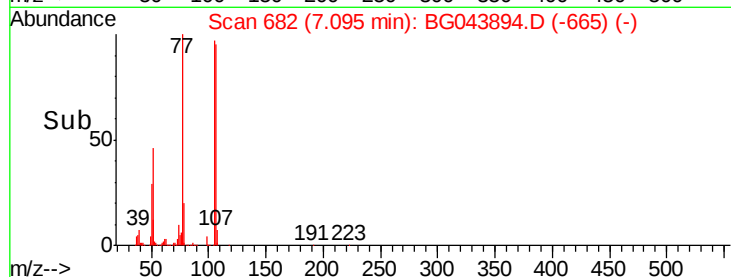
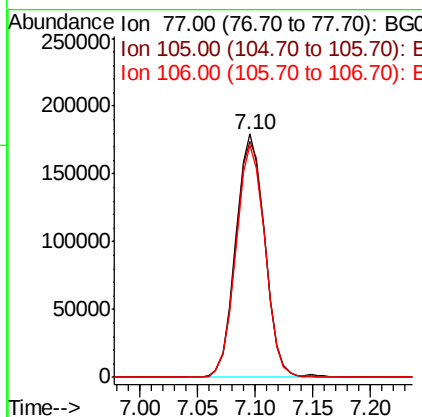
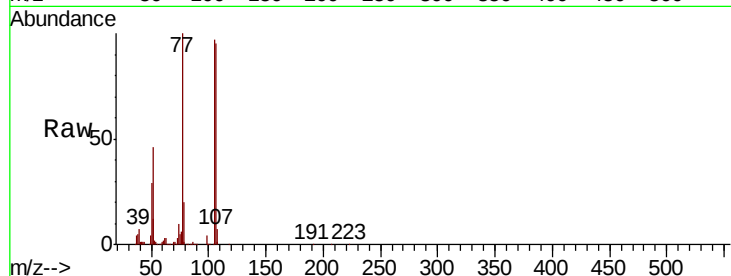
ClientSampleId :

GW-1MS

Tot Ion:	77	Resp:	311458
Ion	Ratio	Lower	Upper
77	100		
105	96.7	80.2	120.2
106	95.4	77.2	117.2

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#10

Phenol

Concen: 17.044 ng

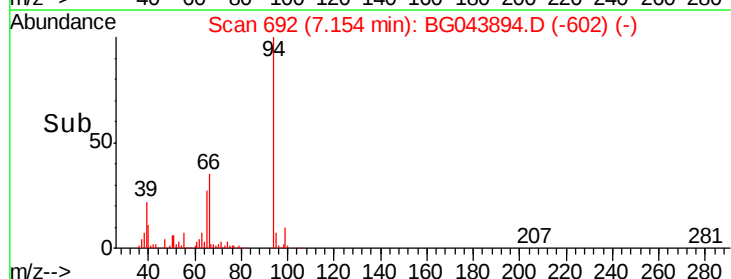
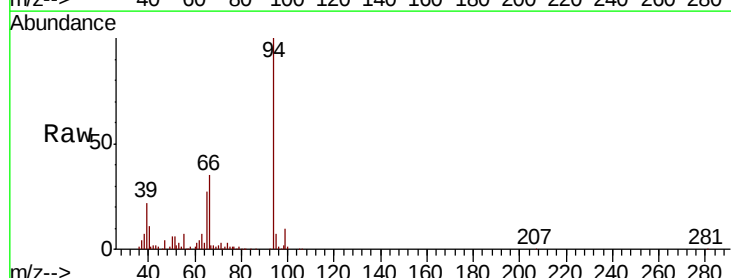
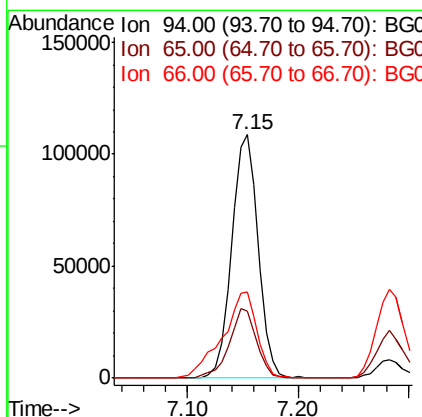
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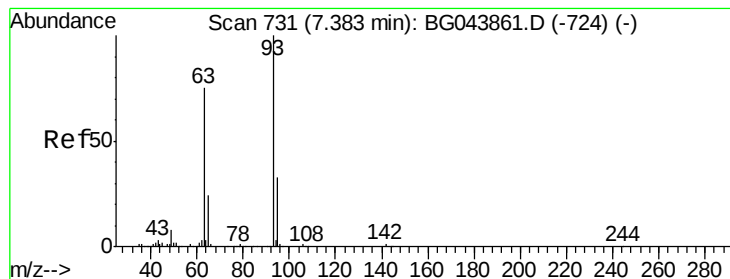
Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Tgt Ion:	94	Resp:	182799
Ion	Ratio	Lower	Upper
94	100		
65	27.4	8.1	48.1
66	35.2	15.6	55.6





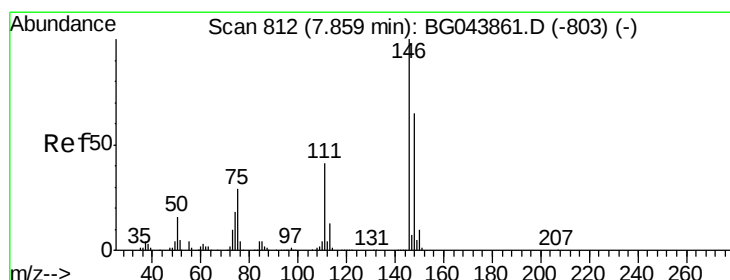
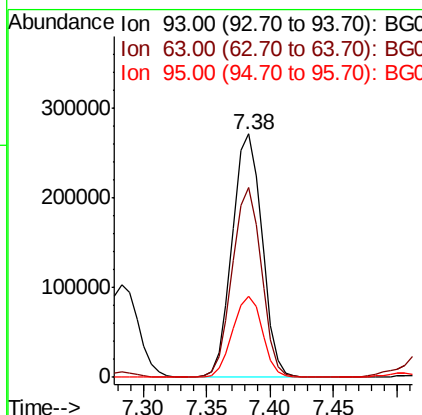
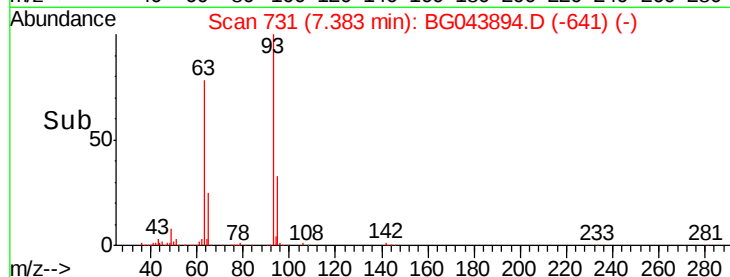
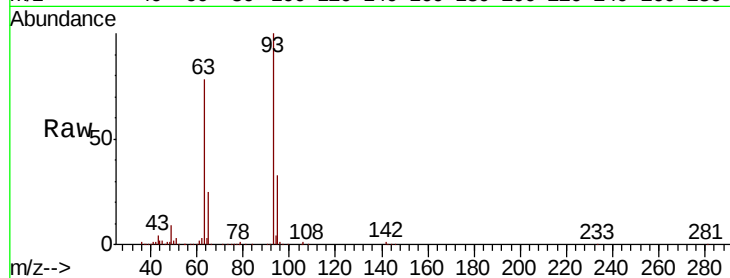
#11
bis(2-Chloroethyl)ether
Concen: 47.740 ng
RT: 7.38 min Scan# 731
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Instrument :
BNA_G
ClientSampleId :
GW-1MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	441979		
63	78.1		55.0	95.0
95	33.2		13.3	53.3

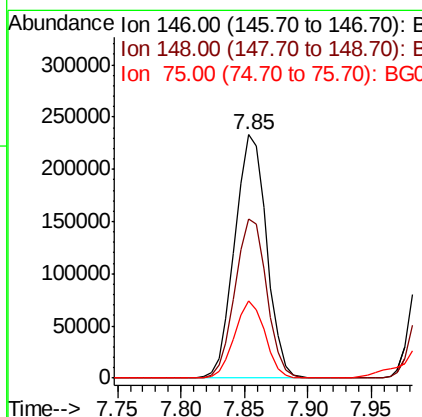
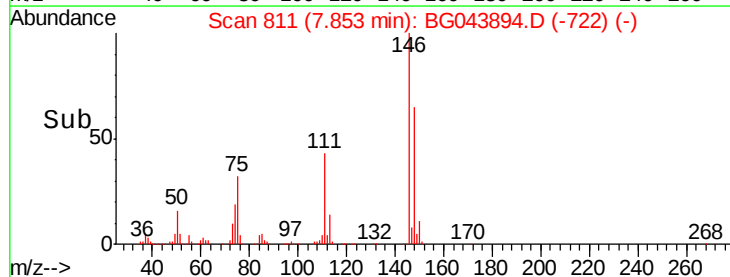
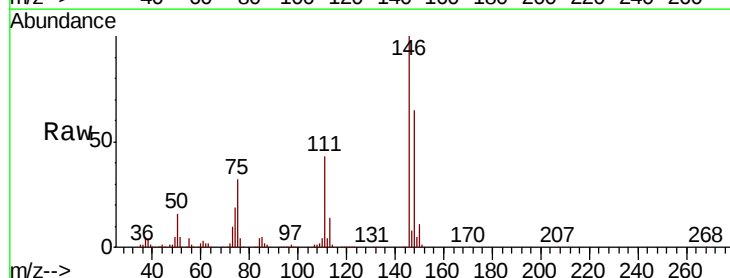
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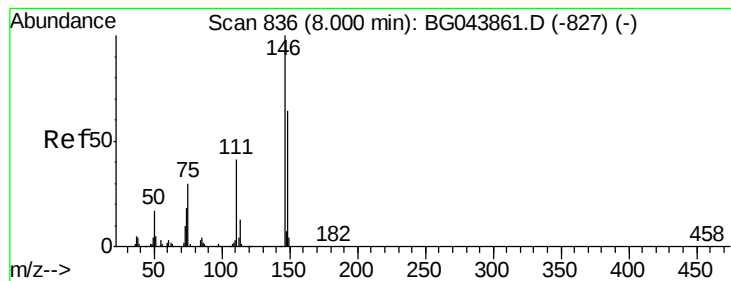
mohammad
1/6/2020 11:41:46 AM



#12
1,3-Dichlorobenzene
Concen: 39.615 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	405292		
148	65.4		52.1	78.1
75	31.6		23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 40.460 ng

RT: 8.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Instrument :

BNA_G

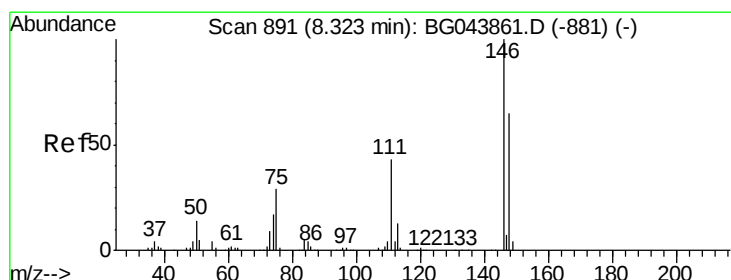
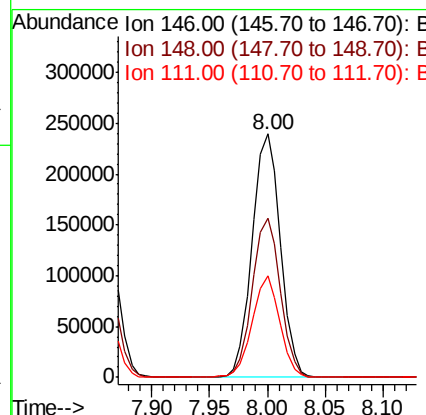
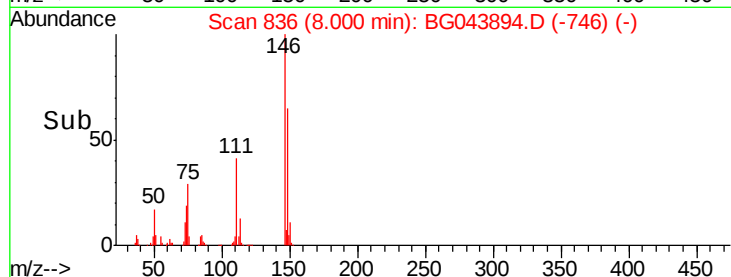
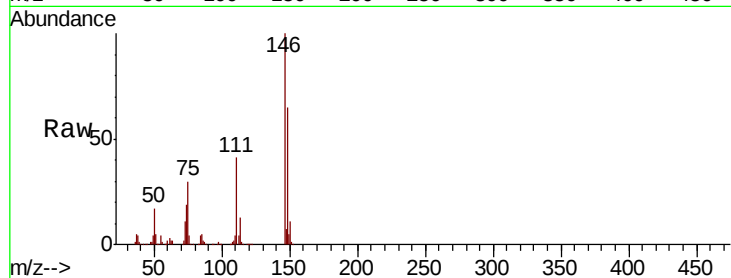
ClientSampleId :

GW-1MS

Tot Ion:	146	Resp:	408427
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.2	76.8
111	41.5	33.1	49.7

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#14

1,2-Dichlorobenzene

Concen: 41.193 ng

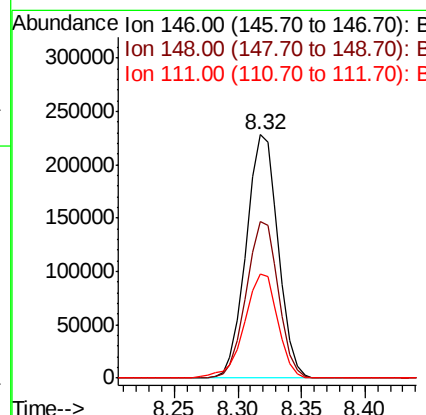
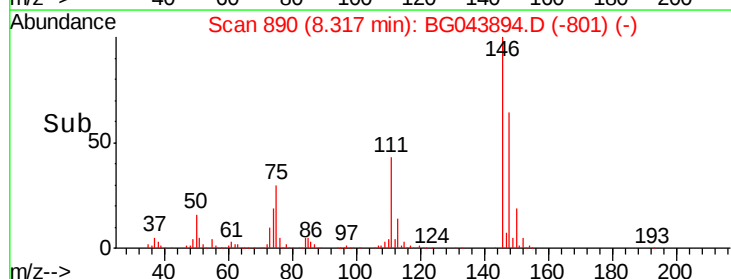
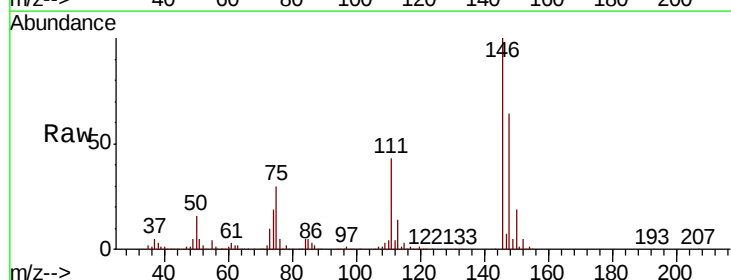
RT: 8.32 min Scan# 890

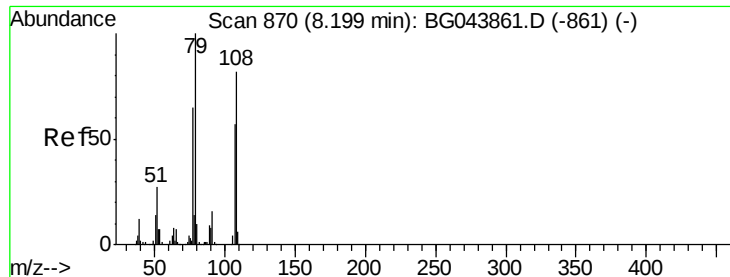
Delta R.T. -0.01 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Tgt Ion:	146	Resp:	399125
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.7	77.5
111	42.6	34.4	51.6





#15

Benzyl Alcohol

Concen: 28.567 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Instrument :

BNA_G

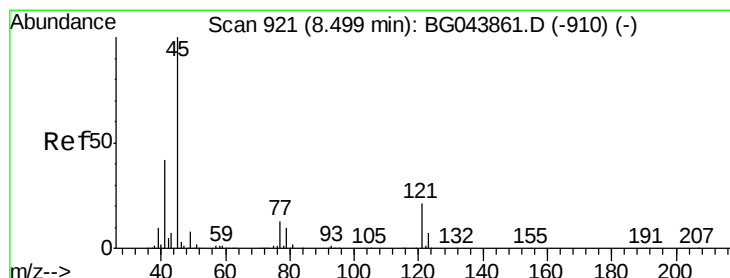
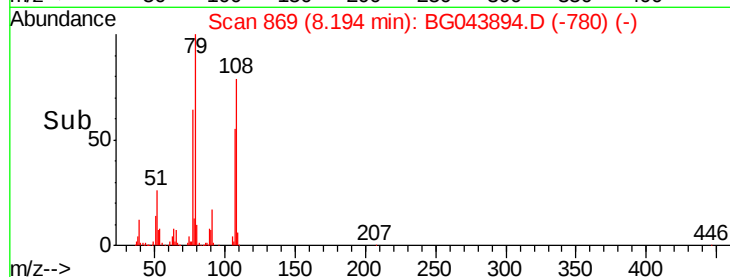
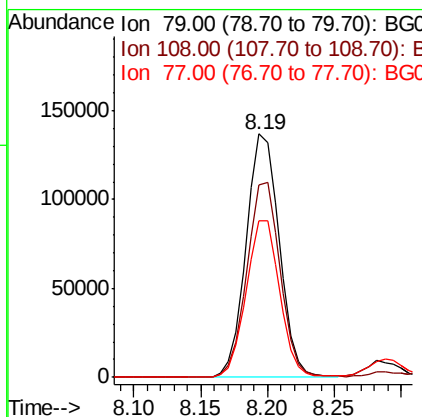
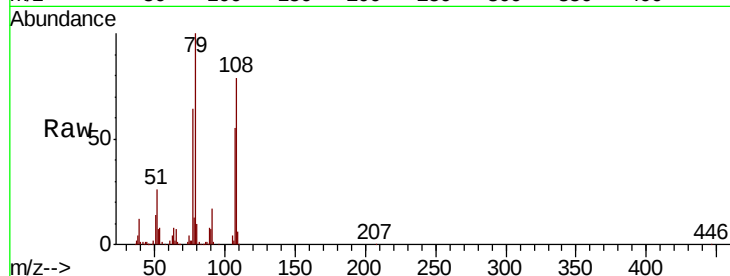
ClientSampleId :

GW-1MS

Tot Ion:	79	Resp:	234692
Ion Ratio	Lower	Upper	
79	100		
108	79.2	65.6	98.4
77	64.2	52.0	78.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.839 ng

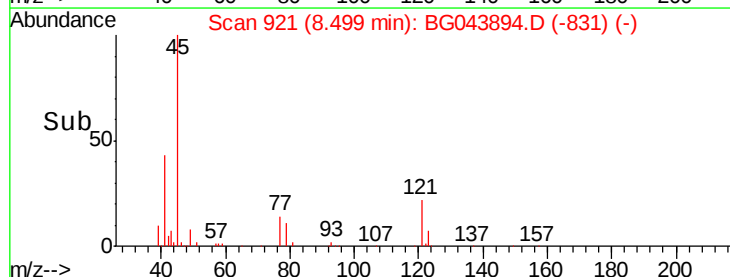
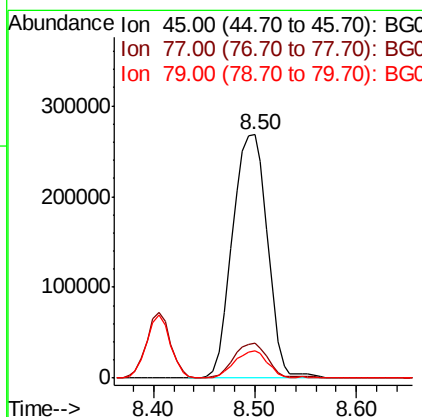
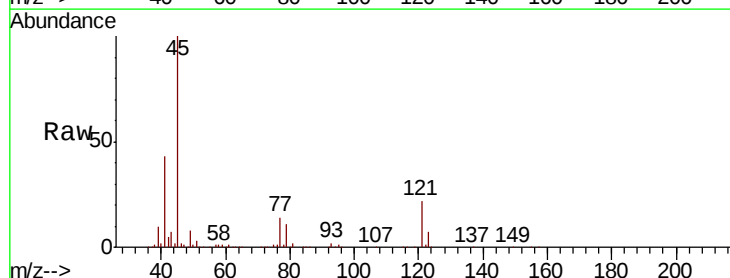
RT: 8.50 min Scan# 921

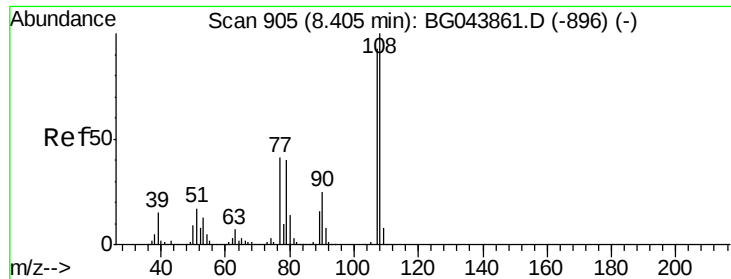
Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Tgt Ion:	45	Resp:	642236
Ion Ratio	Lower	Upper	
45	100		
77	14.5	0.0	33.8
79	11.5	0.0	31.0





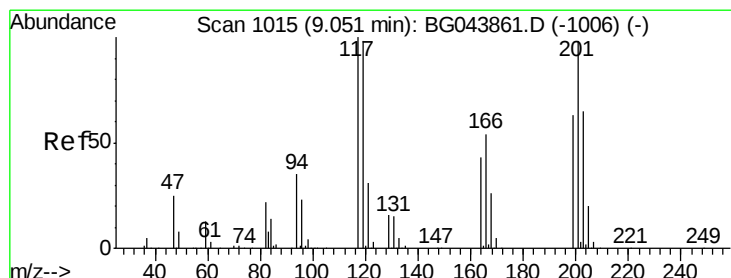
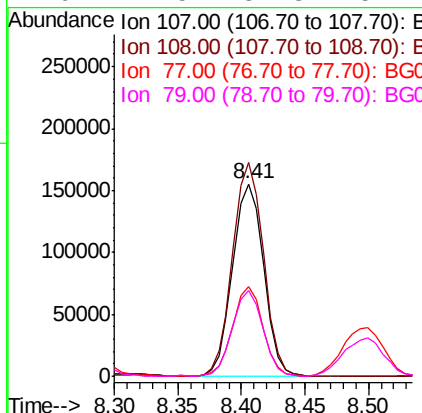
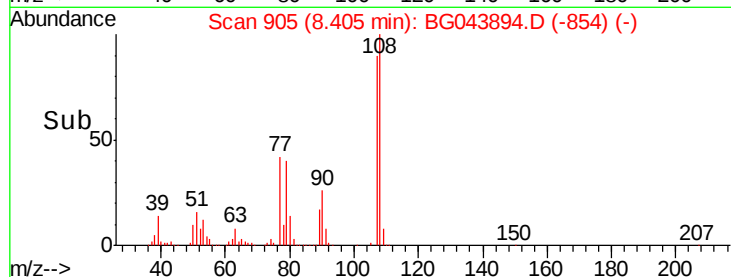
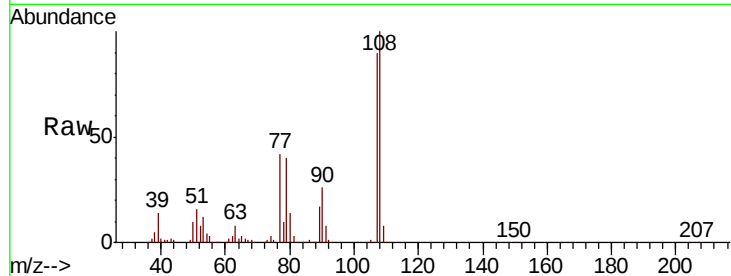
#17
2-Methylphenol
Concen: 34.135 ng
RT: 8.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Instrument :
BNA_G
ClientSampled :
GW-1MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	264934		
108	111.0	86.1	129.1	
77	46.6	35.4	53.0	
79	44.5	34.8	52.2	

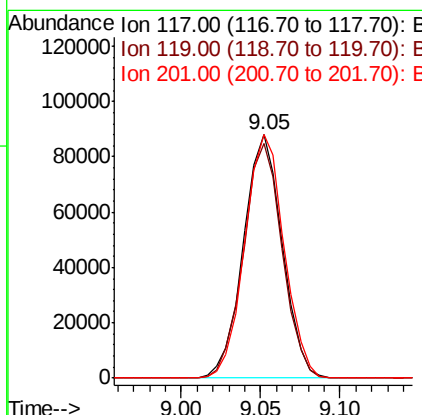
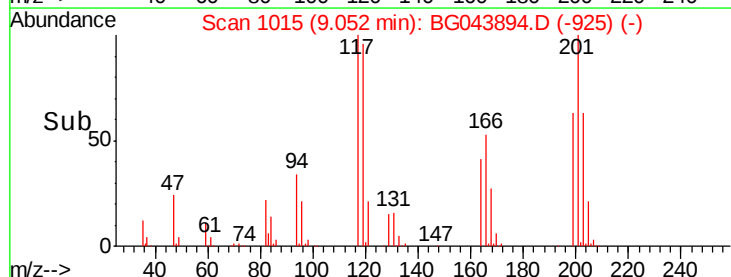
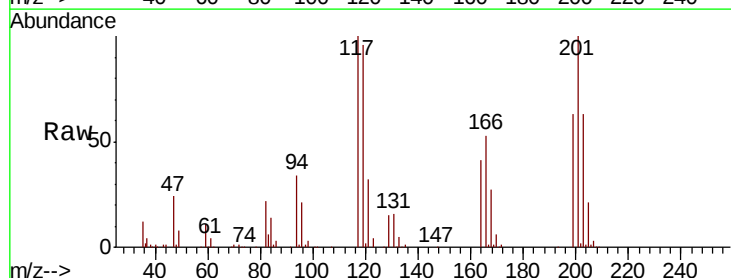
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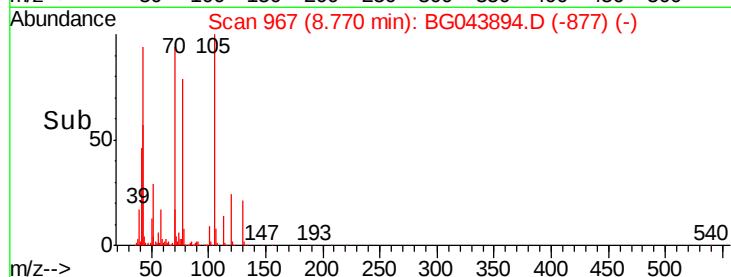
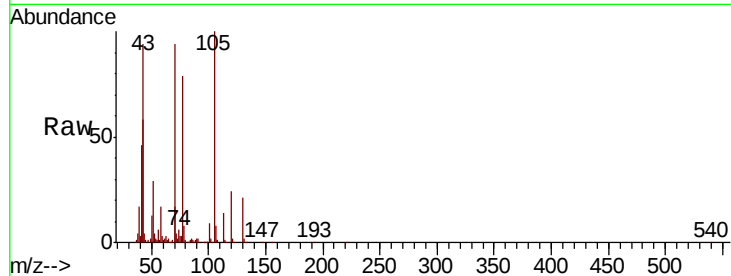
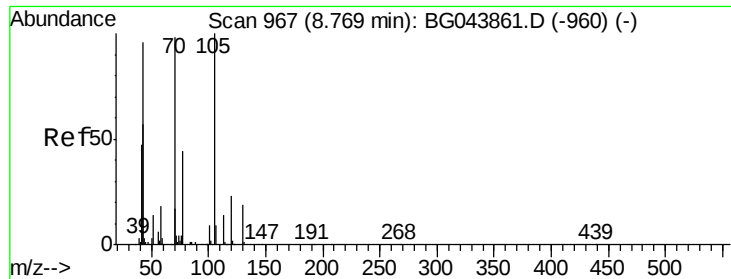
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#18
Hexachloroethane
Concen: 38.035 ng
RT: 9.05 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	149396		
119	96.1	78.1	117.1	
201	99.9	78.6	117.8	





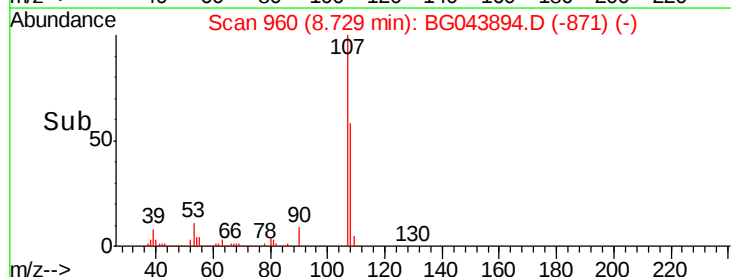
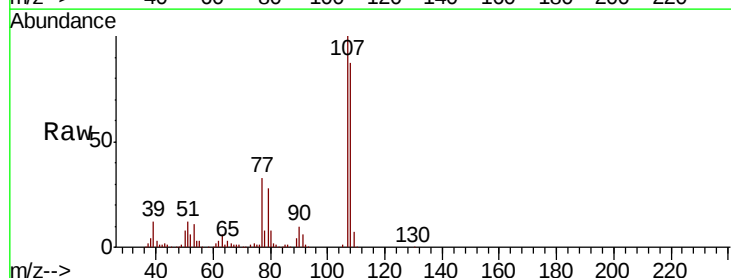
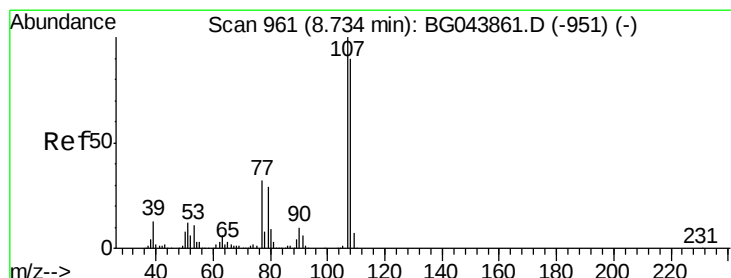
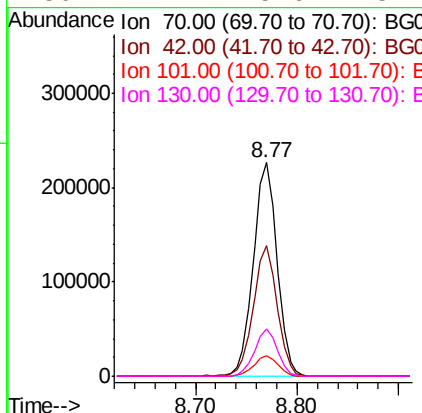
#19
n-Nitroso-di-n-propylamine
Concen: 47.421 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Instrument :
BNA_G
ClientSampleId :
GW-1MS

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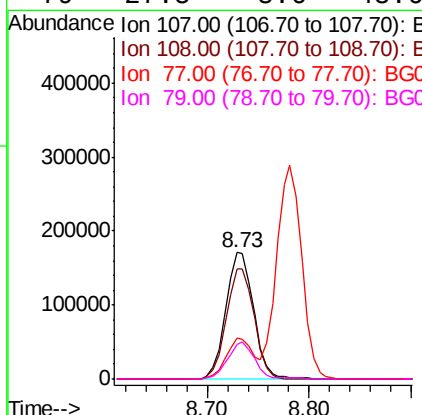
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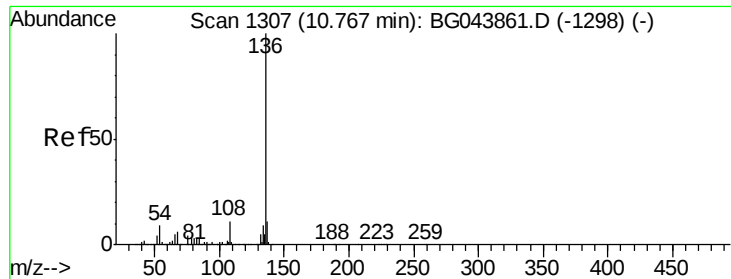
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.0	47.0	70.4	
101	9.7	7.2	10.8	
130	22.1	15.6	23.4	



#20
3+4-Methylphenols
Concen: 29.943 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.8	70.3	110.3	
77	32.6	12.4	52.4	
79	27.5	8.6	48.6	





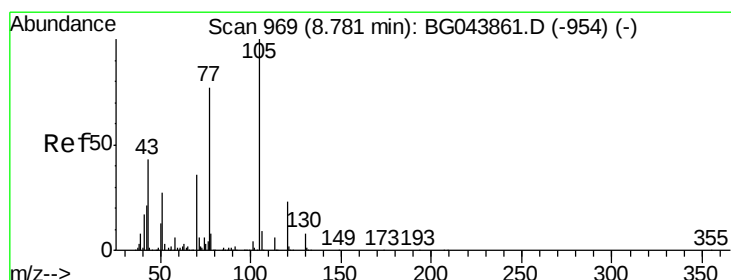
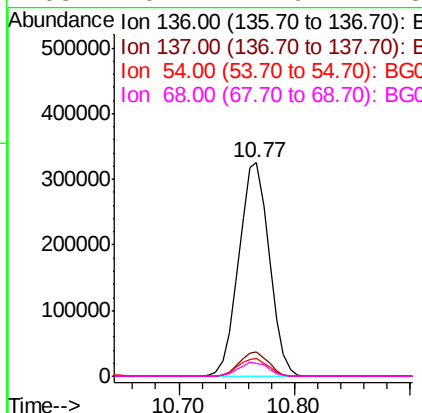
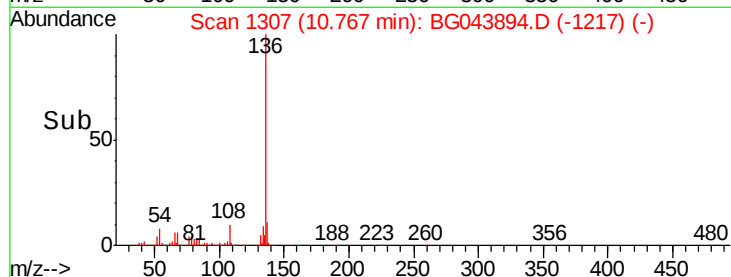
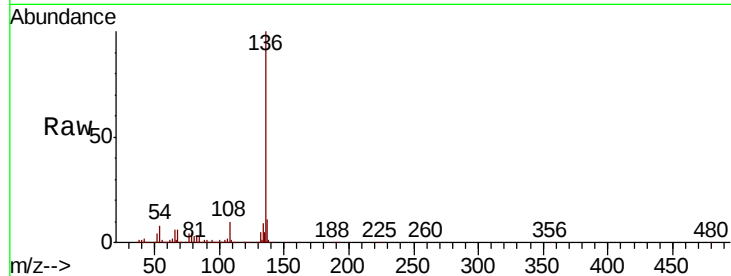
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Instrument :
BNA_G
ClientSampleId :
GW-1MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	594732		
137	11.2		8.8	13.2
54	8.2		7.0	10.4
68	6.2		4.9	7.3

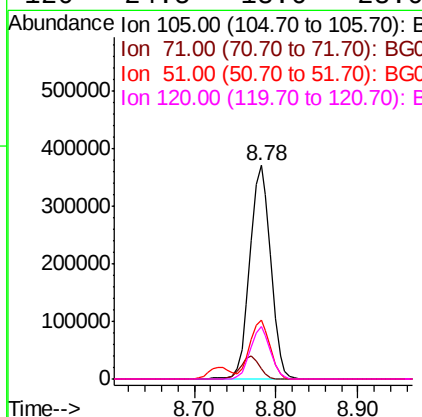
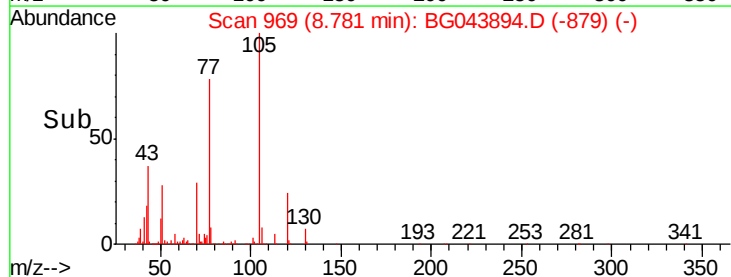
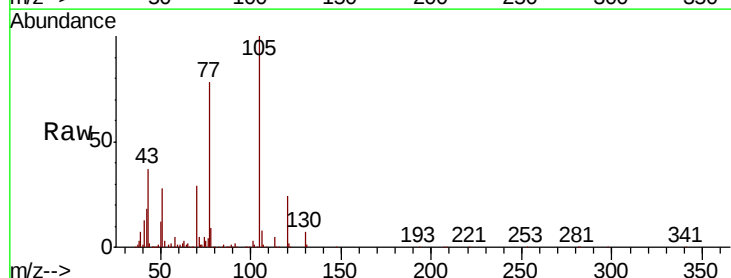
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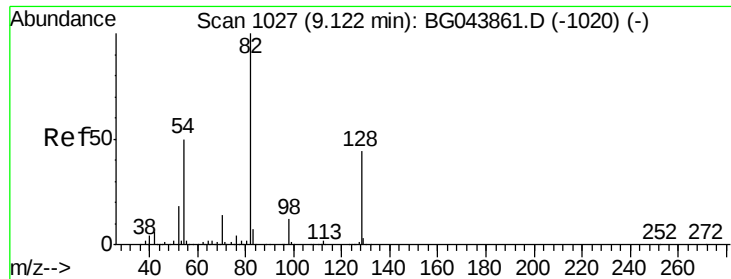
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#22
Acetophenone
Concen: 44.433 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	656967		
71	4.9		4.8	7.2
51	27.7		21.4	32.0
120	24.5		18.6	28.0





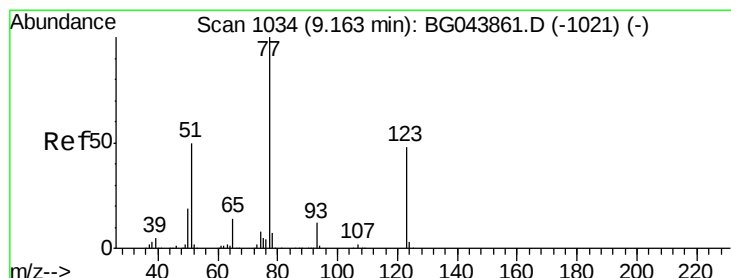
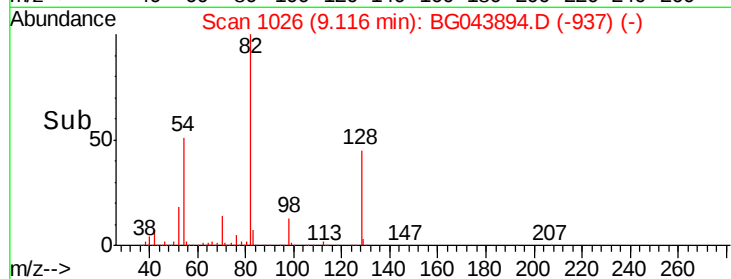
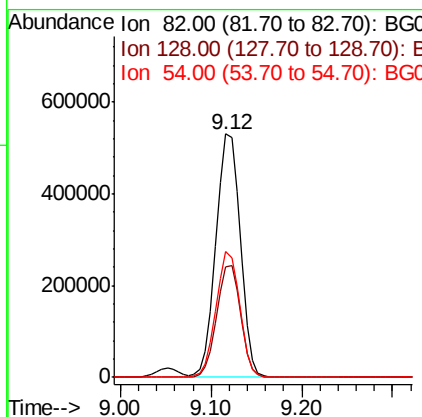
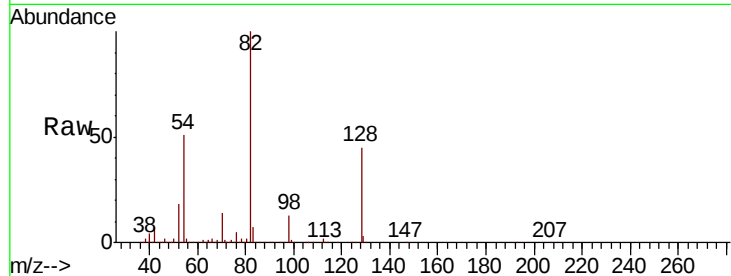
#23
 Nitrobenzene-d5
 Concen: 89.018 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Instrument :
 BNA_G
 ClientSampleId :
 GW-1MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.3	35.1	52.7	
54	51.5	40.1	60.1	

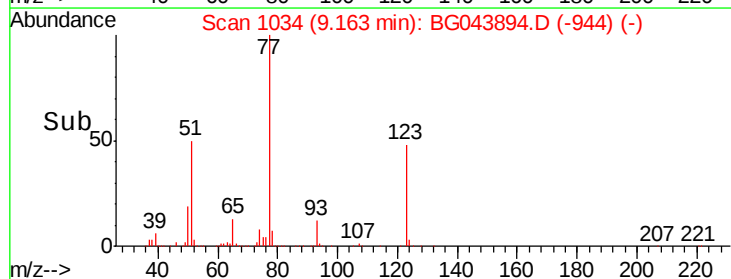
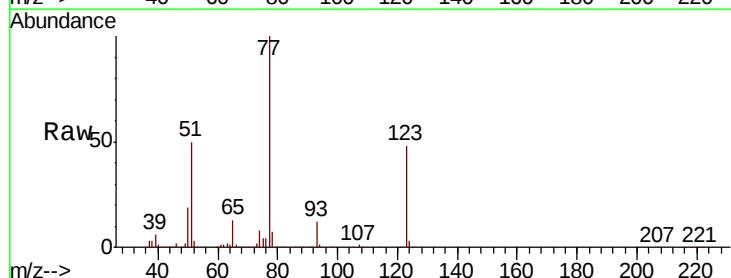
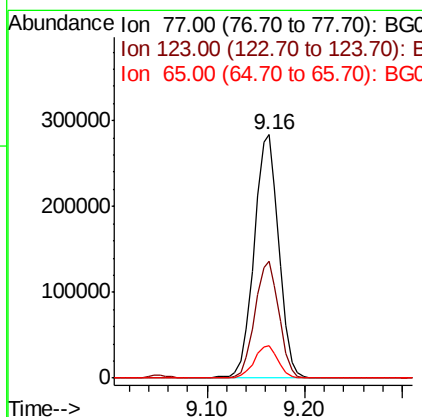
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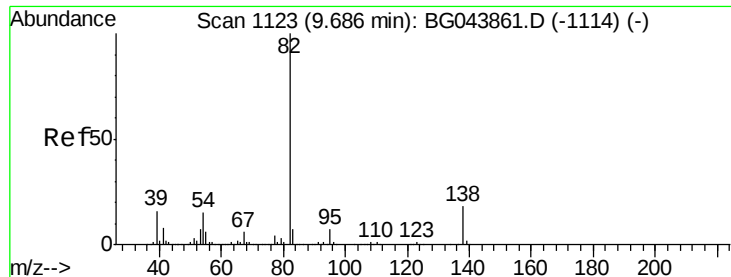
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#24
 Nitrobenzene
 Concen: 45.824 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.8	38.7	58.1	
65	13.3	11.1	16.7	





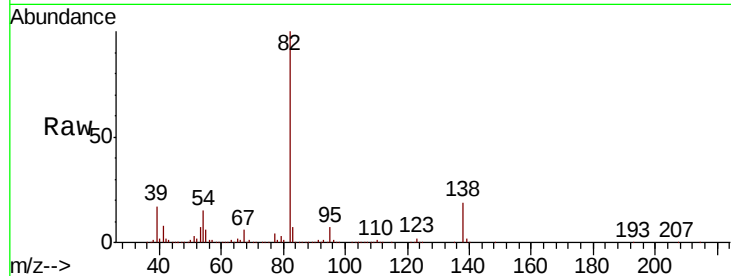
#25
Isophorone
Concen: 47.662 ng
RT: 9.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Instrument :
BNA_G
ClientSampleId :
GW-1MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	994091		
95	7.5		5.8	8.6
138	19.0		14.6	22.0

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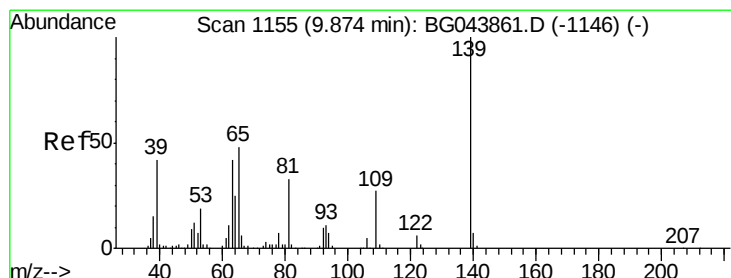
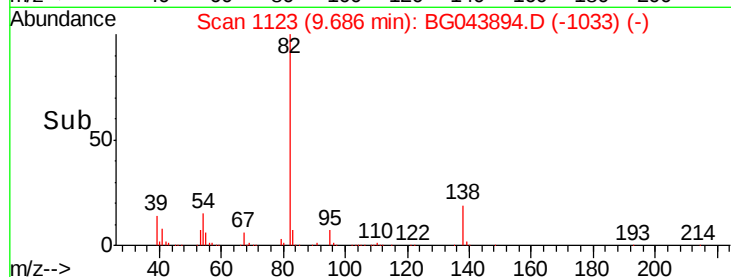
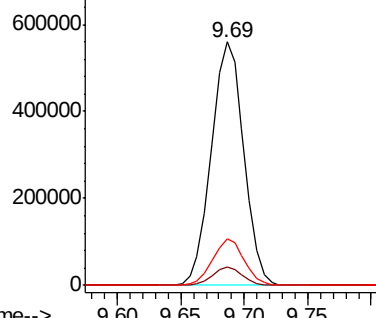


Abundance

Ion 82.00 (81.70 to 82.70): BGC

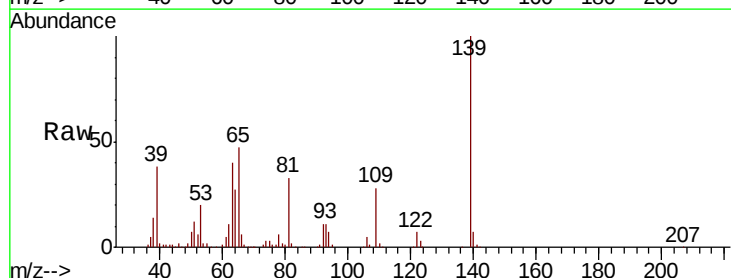
Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#26
2-Nitrophenol
Concen: 47.759 ng
RT: 9.87 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	248795		
109	28.2		21.3	31.9
65	46.6		38.6	57.8

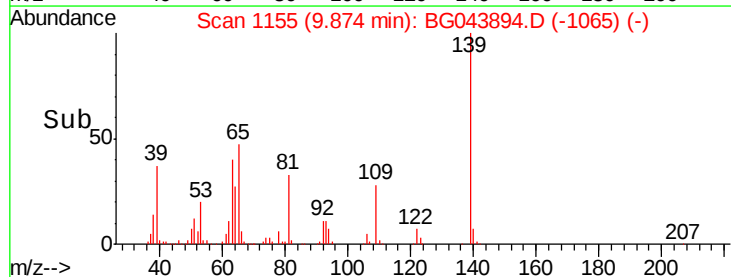
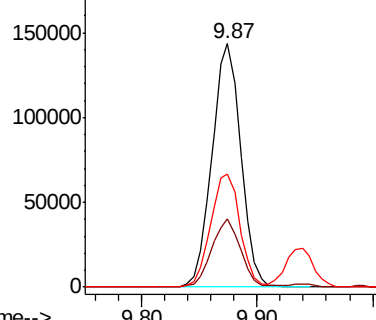


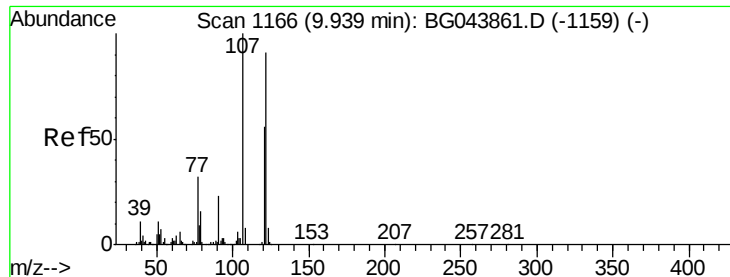
Abundance

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





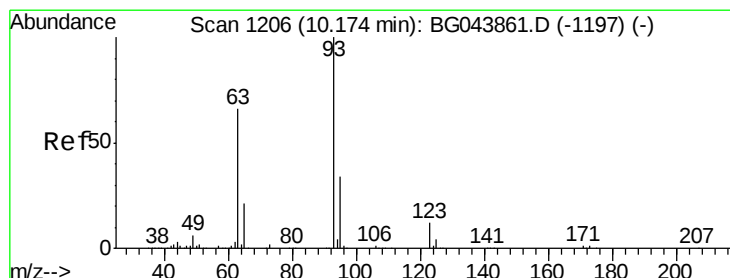
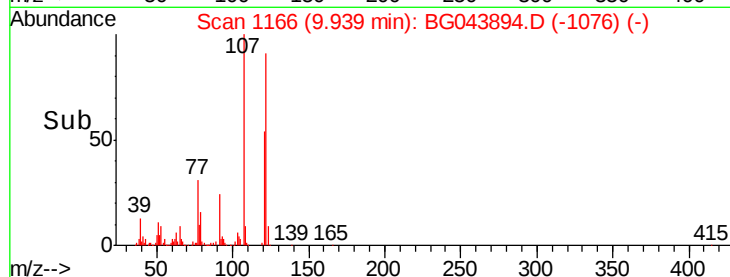
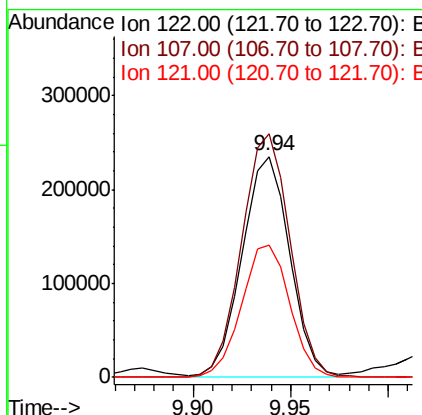
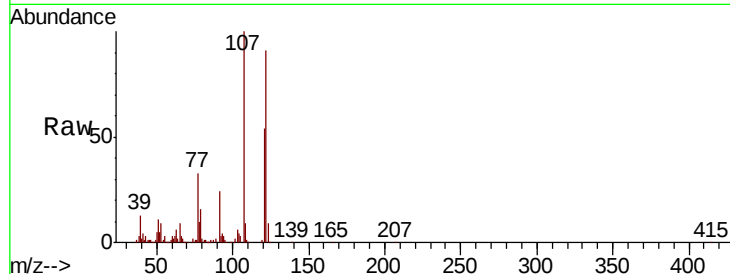
#27
2,4-Dimethylphenol
Concen: 50.669 ng
RT: 9.94 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Instrument :
BNA_G
ClientSampleId :
GW-1MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	397337		
107	110.2	88.0	132.0	
121	59.9	49.0	73.4	

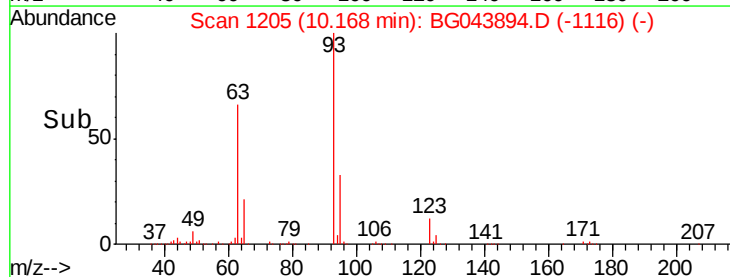
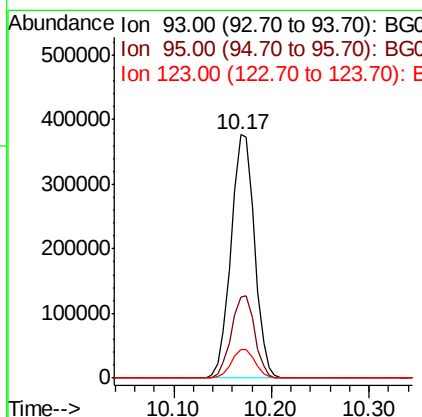
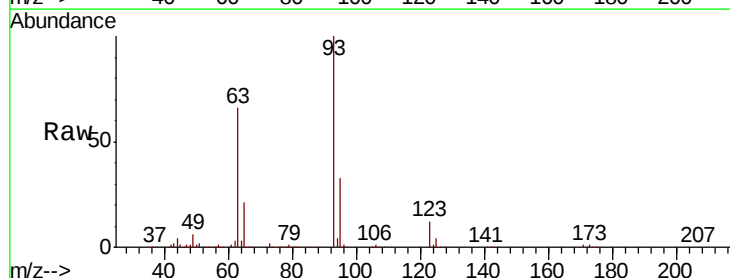
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#28
bis(2-Chloroethoxy)methane
Concen: 45.258 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	629313		
95	33.3	27.2	40.8	
123	11.8	9.7	14.5	





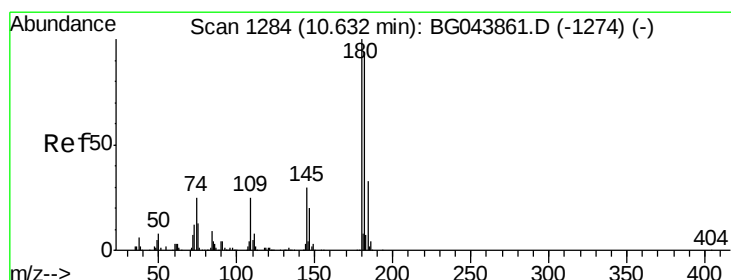
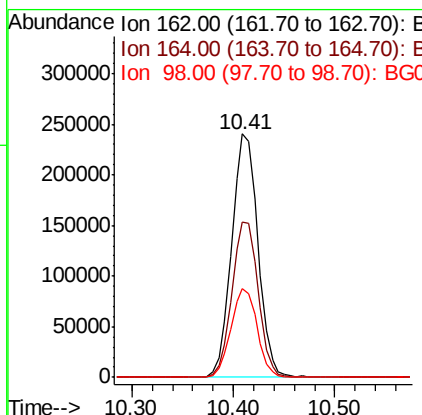
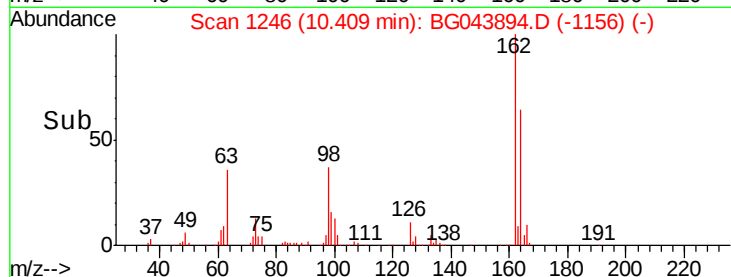
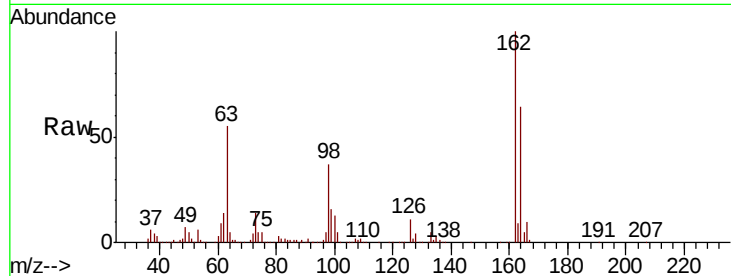
#29
2,4-Dichlorophenol
Concen: 46.199 ng
RT: 10.41 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Instrument :
BNA_G
ClientSampled :
GW-1MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	46.3	86.3
98	36.5	17.3	57.3

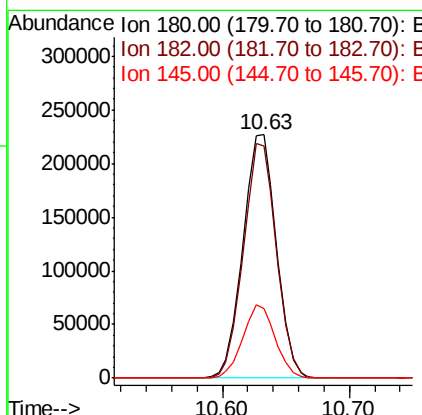
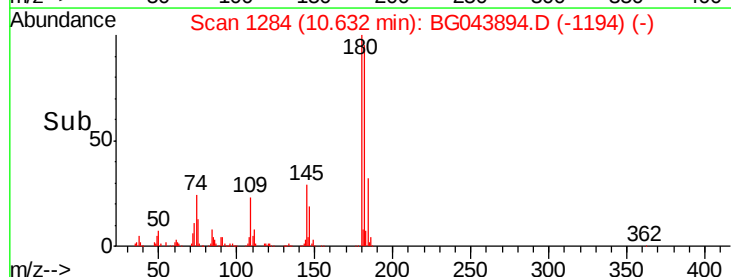
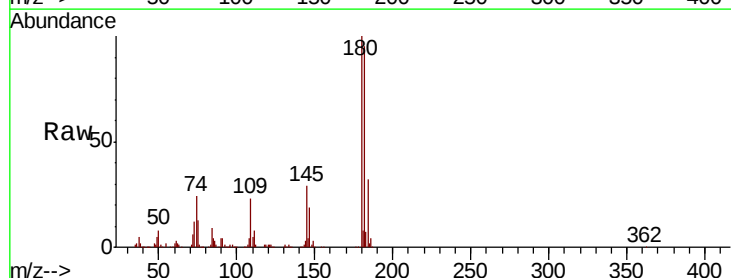
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#30
1,2,4-Trichlorobenzene
Concen: 39.472 ng
RT: 10.63 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.0	112.4
145	28.6	24.2	36.4





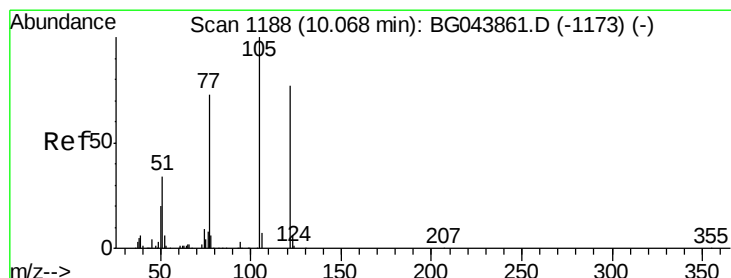
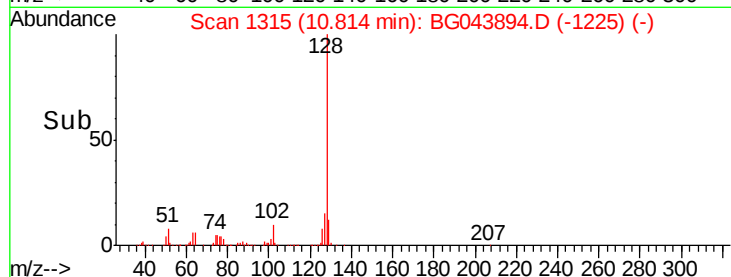
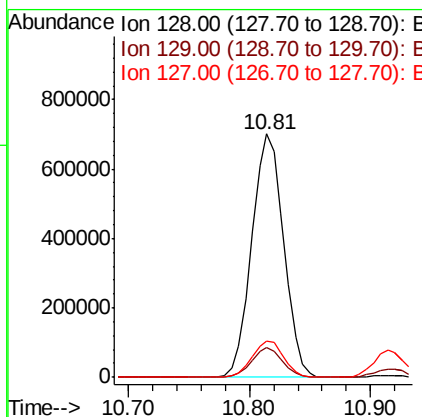
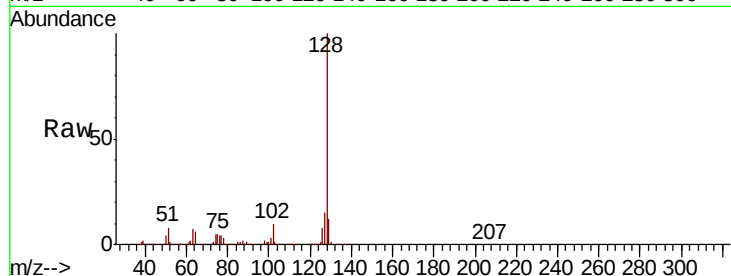
#31
Naphthalene
Concen: 44.635 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Instrument :
BNA_G
ClientSampleId :
GW-1MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.8	14.6
127	14.8	12.0	18.0

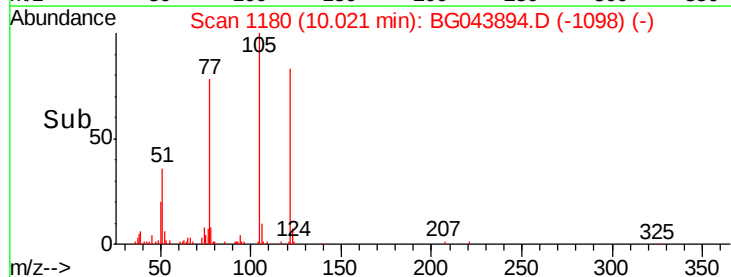
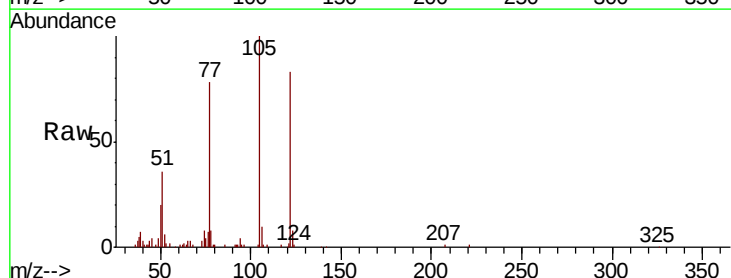
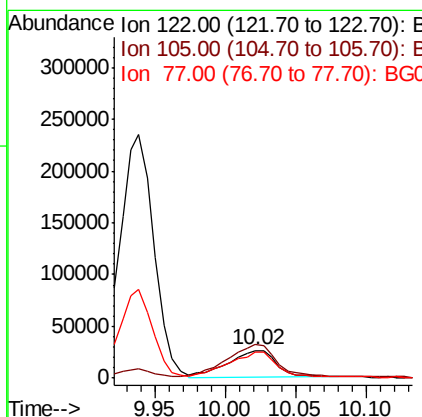
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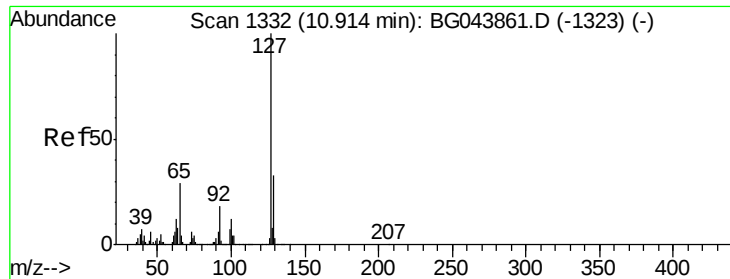
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#32
Benzoic acid
Concen: 14.648 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.05 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.0	106.4	146.4
77	93.8	74.6	114.6





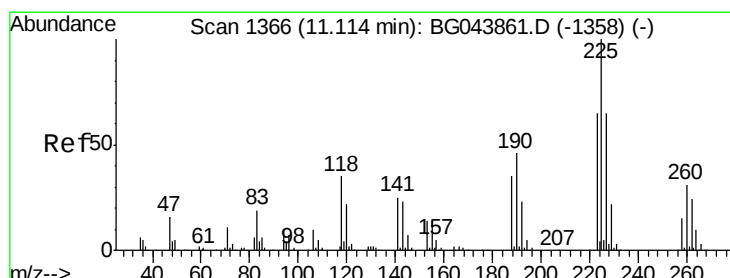
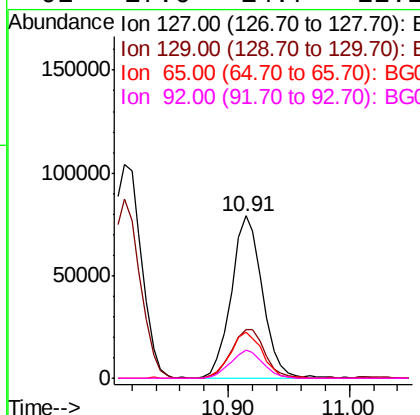
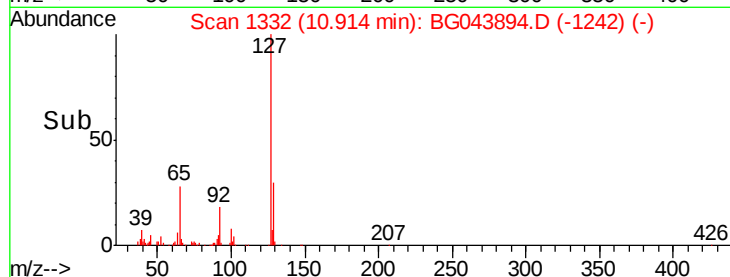
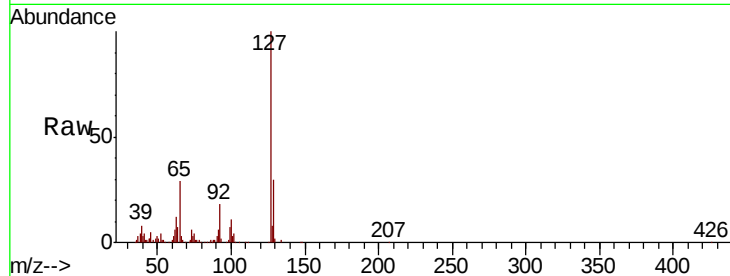
#33
4-Chloroaniline
Concen: 10.306 ng
RT: 10.91 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Instrument :
BNA_G
ClientSampleId :
GW-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.1	26.6	40.0		
65	28.6	23.3	34.9		
92	17.6	14.7	22.1		

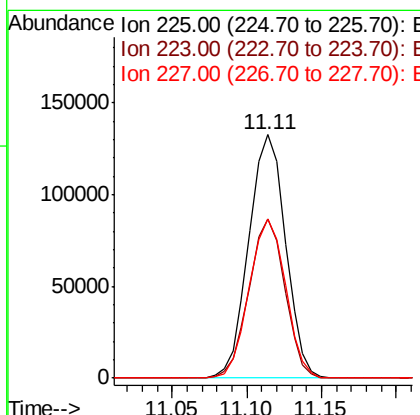
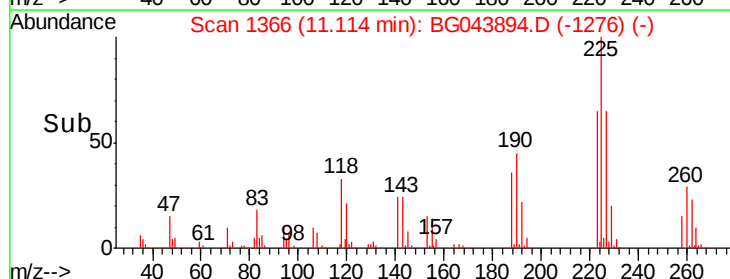
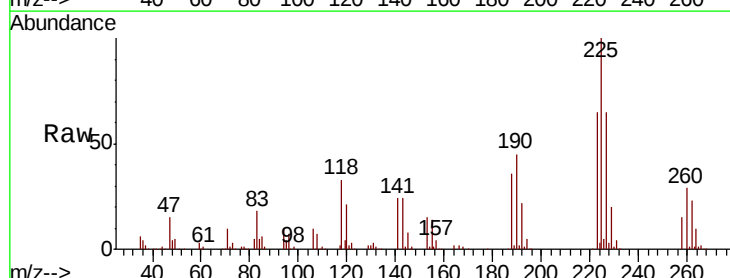
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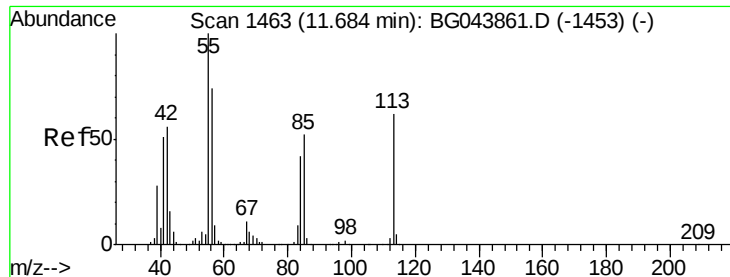
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#34
Hexachlorobutadiene
Concen: 35.299 ng
RT: 11.11 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.1	52.2	78.4		
227	65.3	52.1	78.1		





#35

Caprolactam

Concen: 6.804 ng/mL

RT: 11.69 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Instrument :

BNA_G

ClientSampleId :

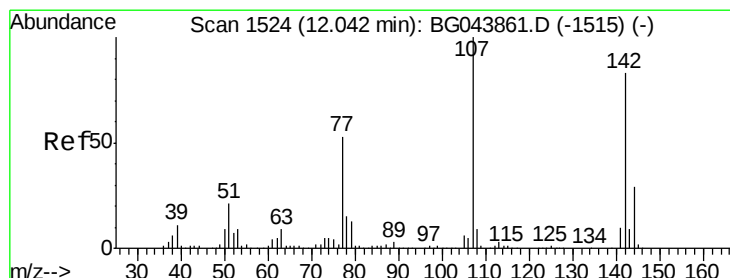
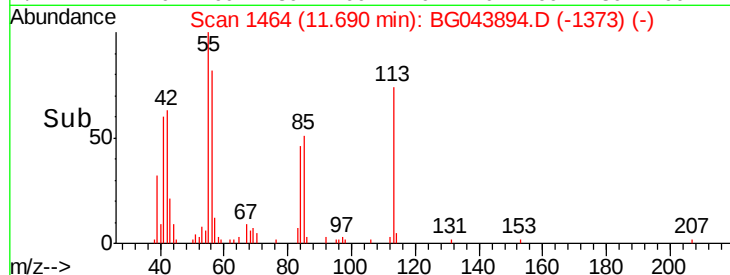
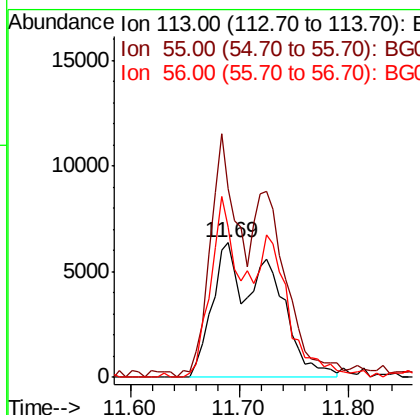
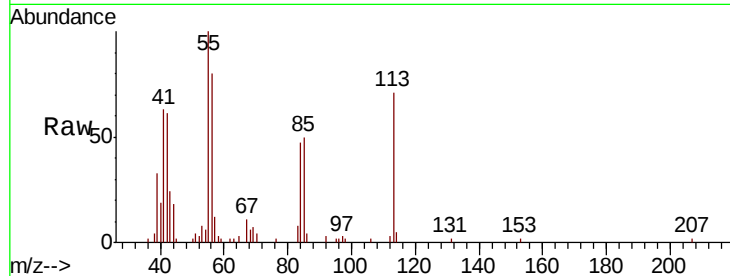
GW-1MS

Tot Ion:113 Resp: 23691

Ion	Ratio	Lower	Upper
113	100		
55	140.3	142.5	182.5#
56	111.6	101.4	141.4

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#36

4-Chloro-3-methylphenol

Concen: 44.350 ng/mL

RT: 12.04 min Scan# 1523

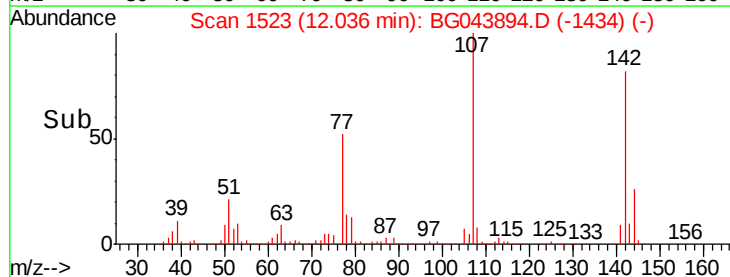
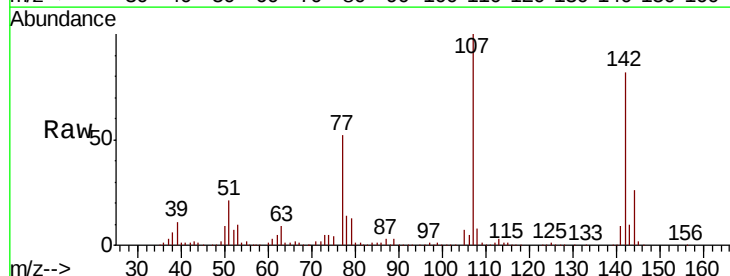
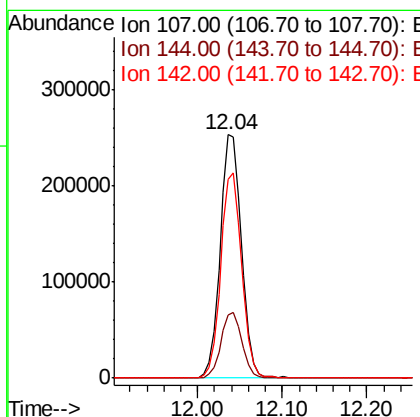
Delta R.T. -0.01 min

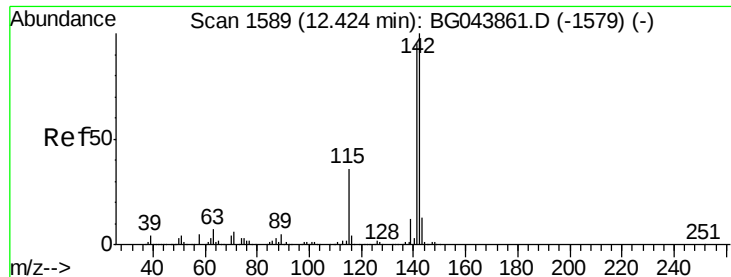
Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Tgt Ion:107 Resp: 441628

Ion	Ratio	Lower	Upper
107	100		
144	25.8	23.4	35.2
142	81.5	66.3	99.5





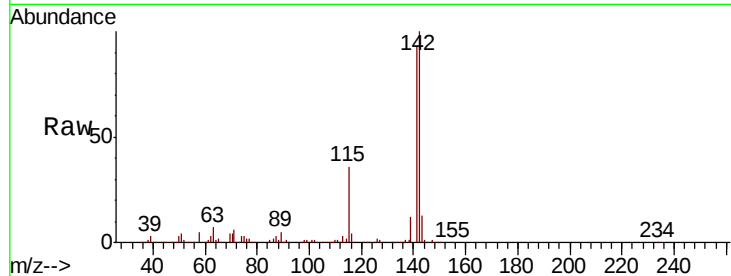
#37
2-Methylnaphthalene
Concen: 45.406 ng
RT: 12.42 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Instrument :
BNA_G
ClientSampleId :
GW-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.8	113.8
115	35.8	28.6	42.8

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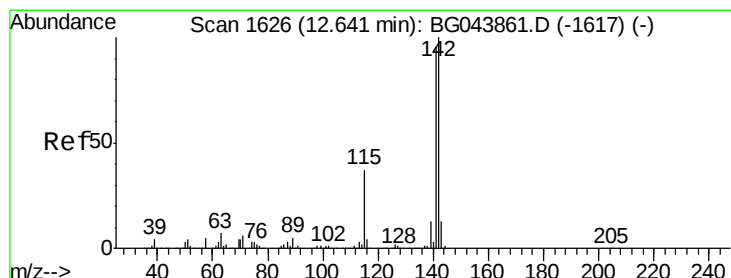
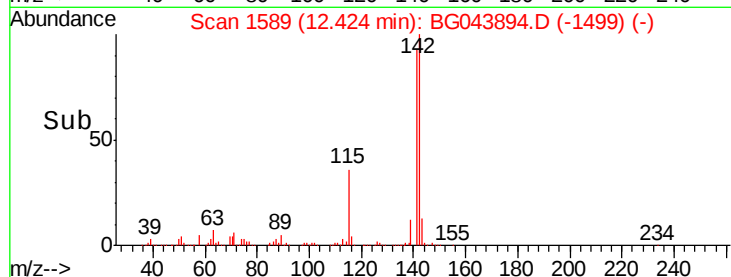
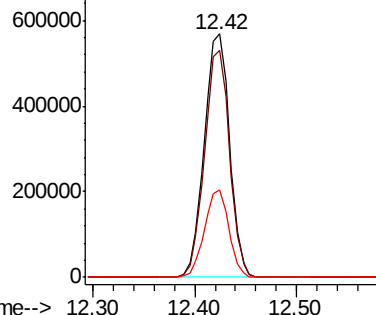


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 46.190 ng
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

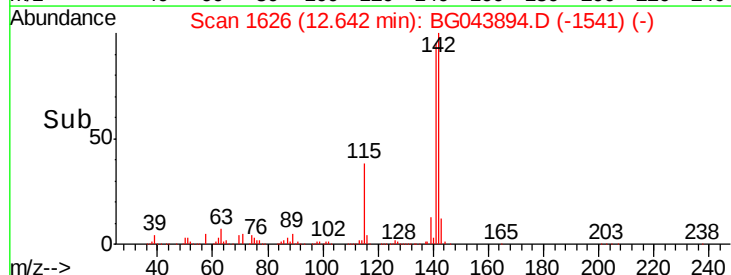
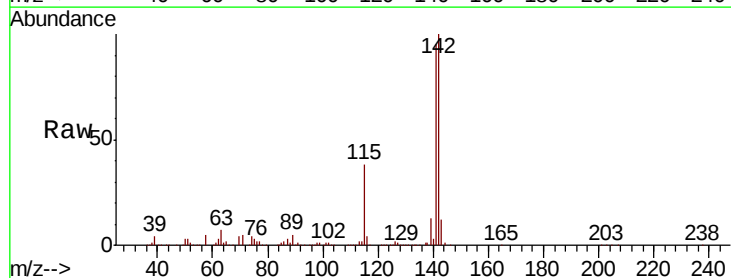
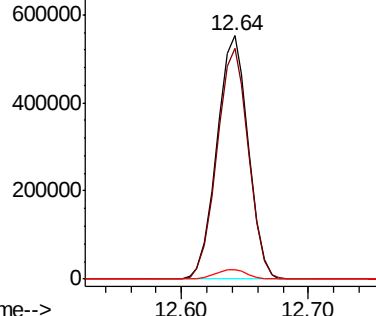
Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	76.0	114.0
116	3.8	3.1	4.7

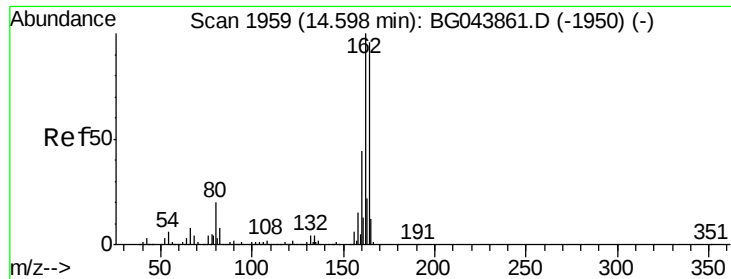
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





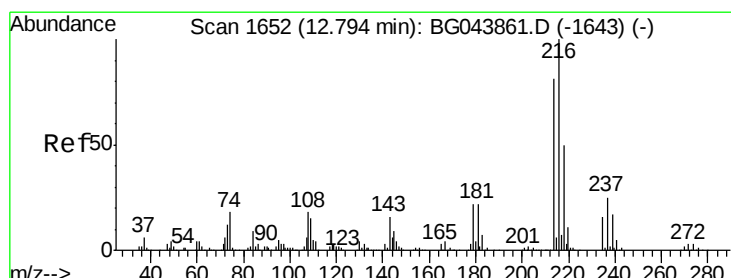
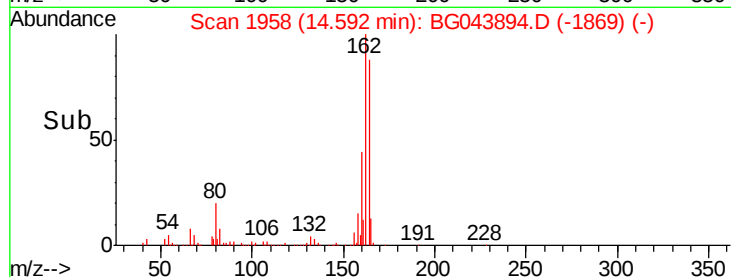
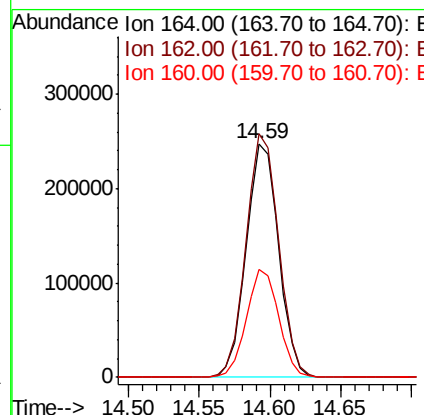
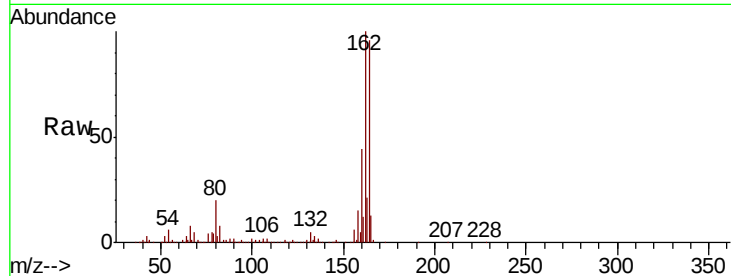
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Instrument :
BNA_G
ClientSampleId :
GW-1MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.2	83.0	124.4	
160	46.1	36.1	54.1	

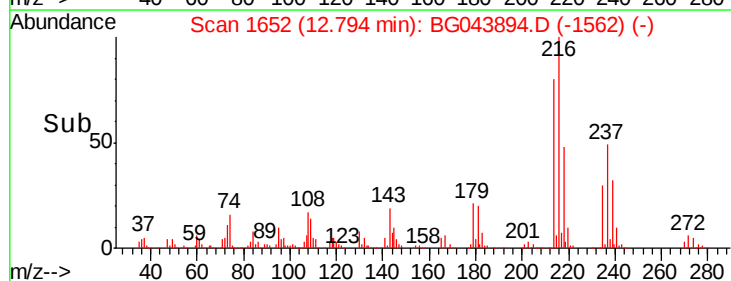
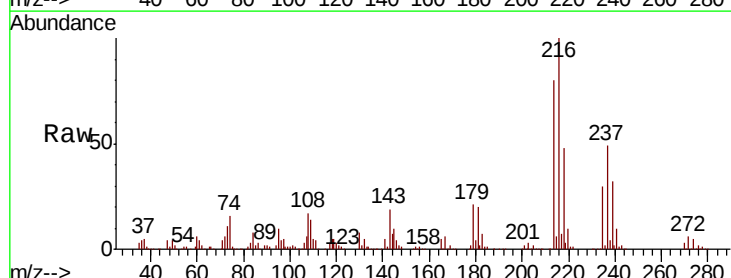
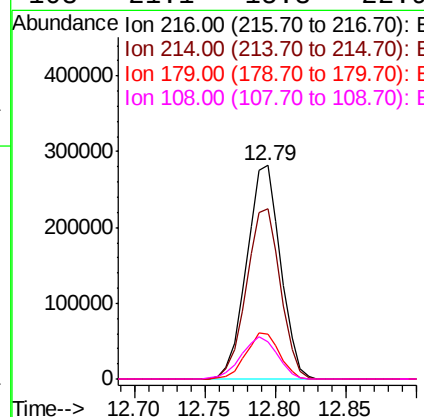
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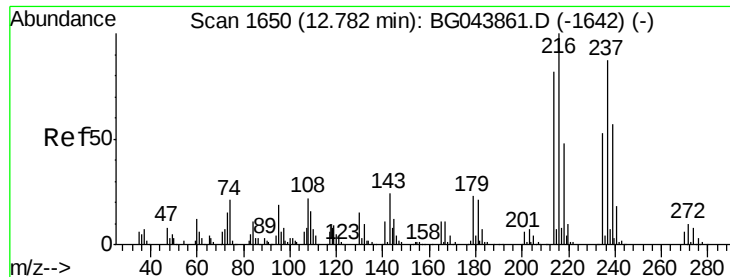
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.545 ng
RT: 12.79 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.0	63.8	95.8	
179	21.5	17.3	25.9	
108	21.1	15.3	22.9	





#41

Hexachlorocyclopentadiene

Concen: 91.045 ng

RT: 12.78 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Instrument :

BNA_G

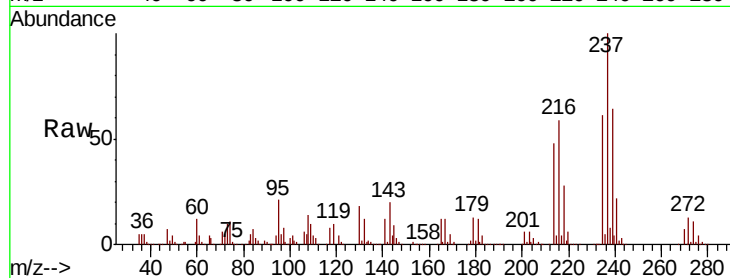
ClientSampled :

GW-1MS

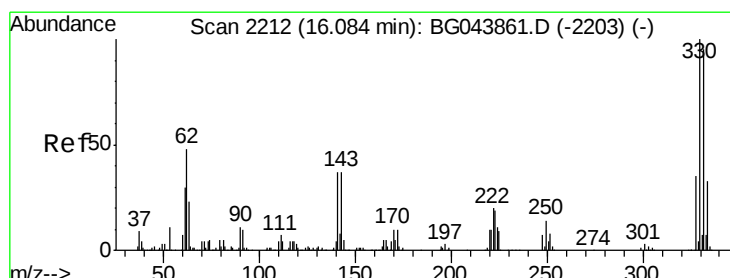
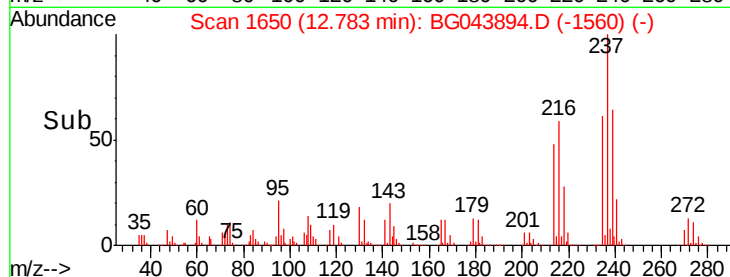
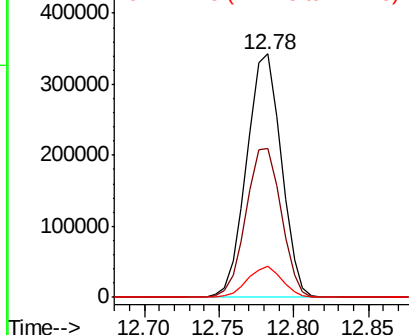
Tot Ion:	237	Resp:	551440
Ion Ratio	Lower	Upper	
237	100		
235	61.4	41.1	81.1
272	12.7	0.0	31.7

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



#42

2,4,6-Tribromophenol

Concen: 148.012 ng

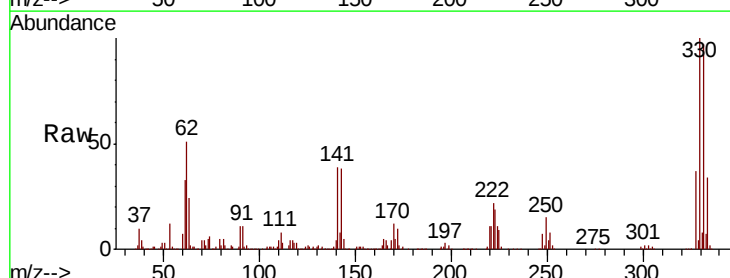
RT: 16.08 min Scan# 2212

Delta R.T. 0.00 min

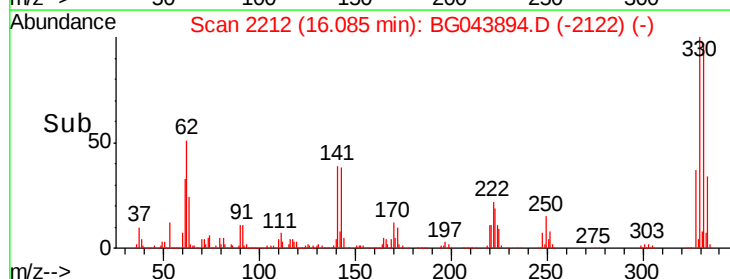
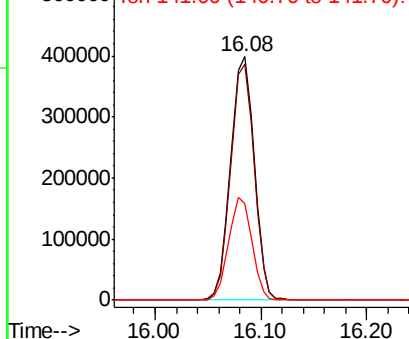
Lab File: BG043894.D

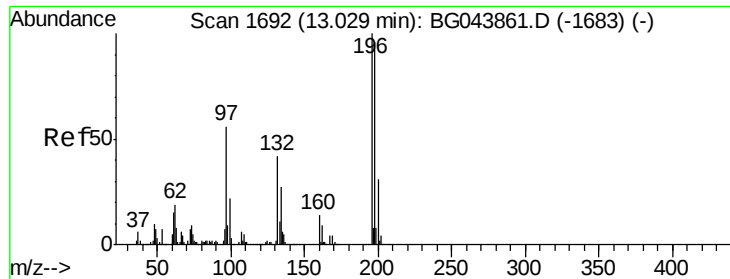
Acq: 3 Jan 2020 19:15

Tgt Ion:	330	Resp:	617382
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.2	115.8
141	41.8	33.1	49.7



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





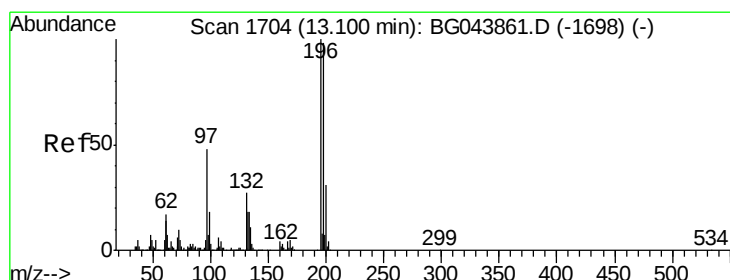
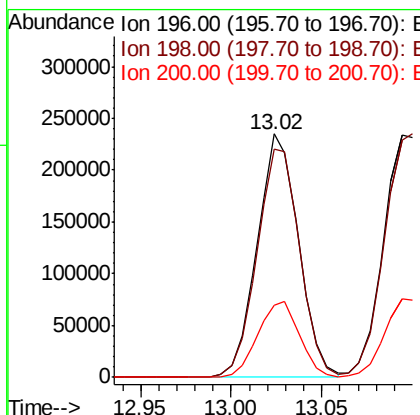
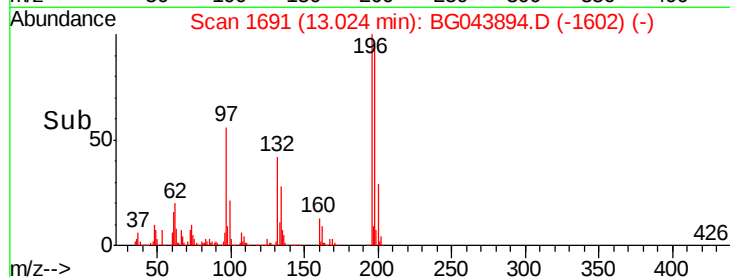
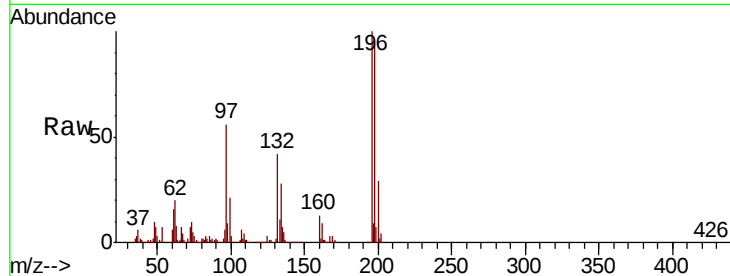
#43
 2,4,6-Trichlorophenol
 Concen: 46.257 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Instrument :
 BNA_G
 ClientSampleId :
 GW-1MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	371839		
198	93.8	76.6	115.0	
200	29.4	24.6	37.0	

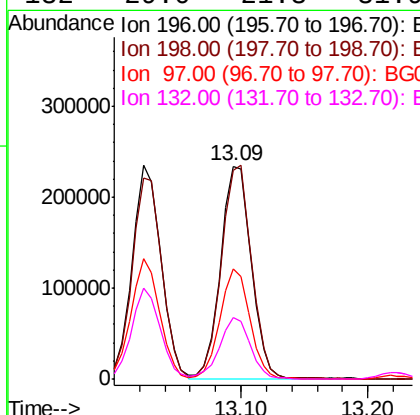
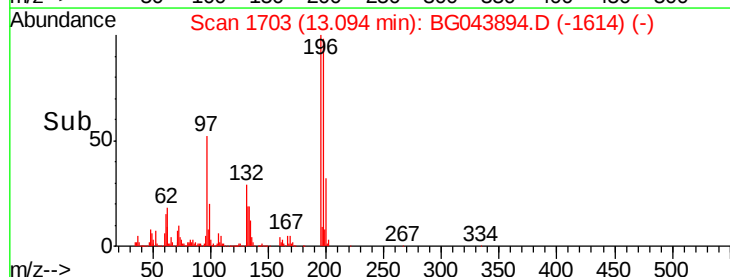
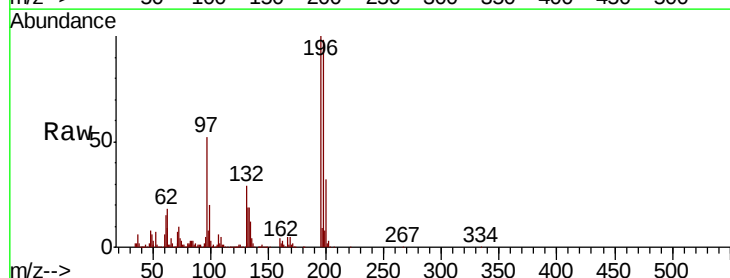
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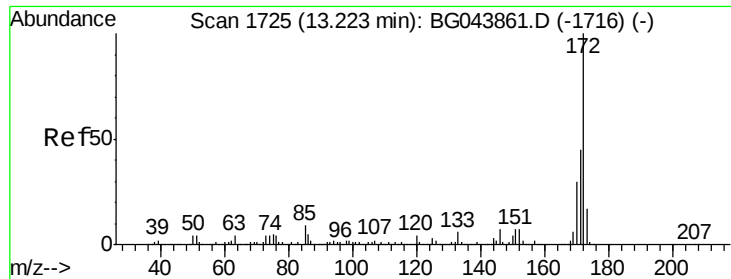
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 47.232 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	391596		
198	98.0	78.3	117.5	
97	51.7	38.8	58.2	
132	29.0	21.3	31.9	





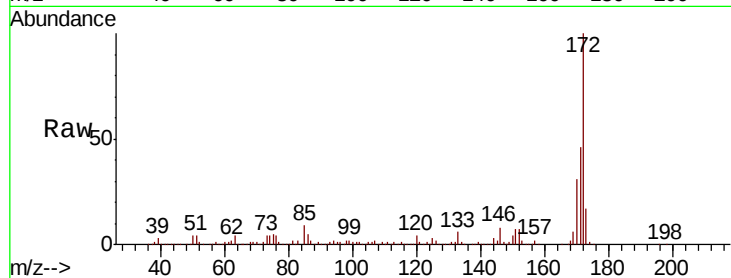
#45
2-Fluorobiphenyl
Concen: 92.575 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Instrument :
BNA_G
ClientSampleId :
GW-1MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	45.9	35.8	53.8
170	30.7	24.2	36.4

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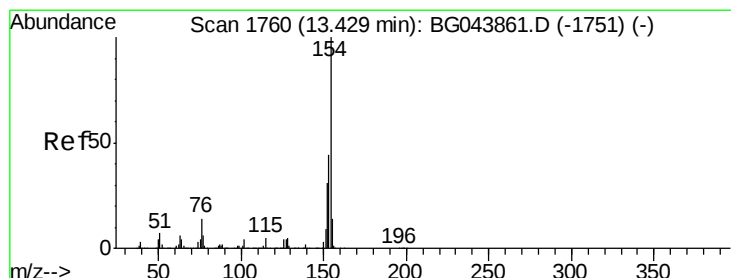
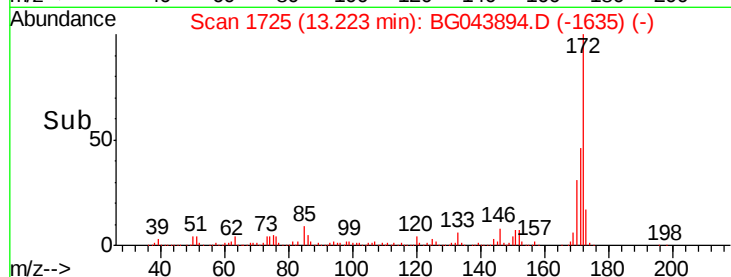
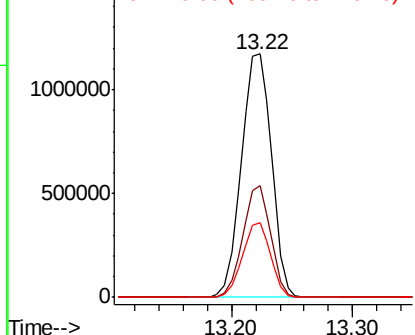


Abundance

Ion 172.00 (171.70 to 172.70): E

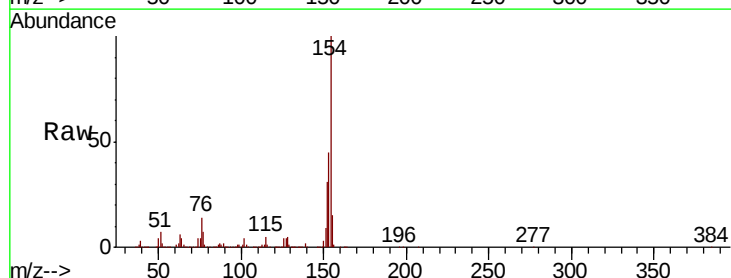
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 44.542 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.2	23.6	63.6
76	14.5	0.0	34.4

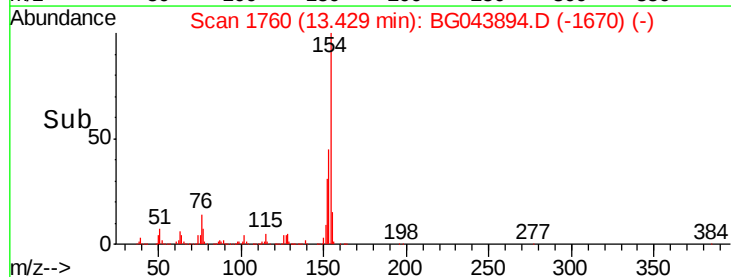
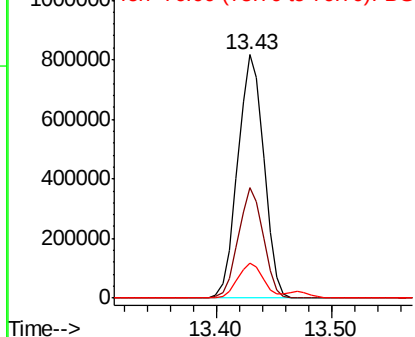


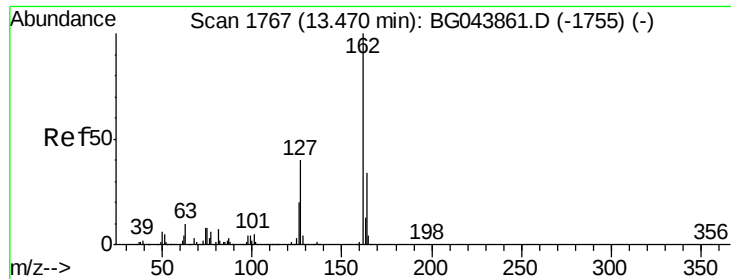
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





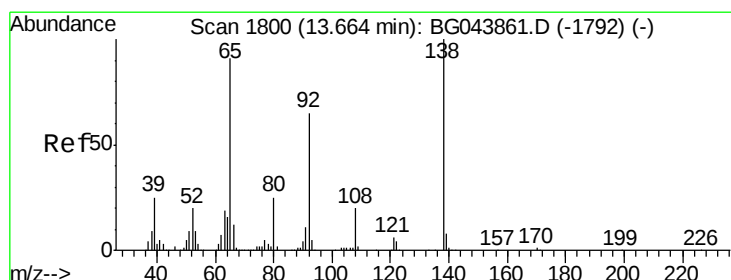
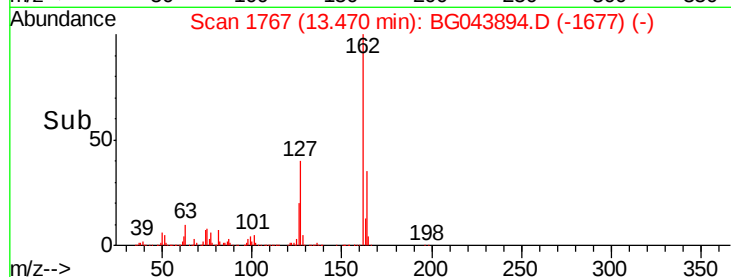
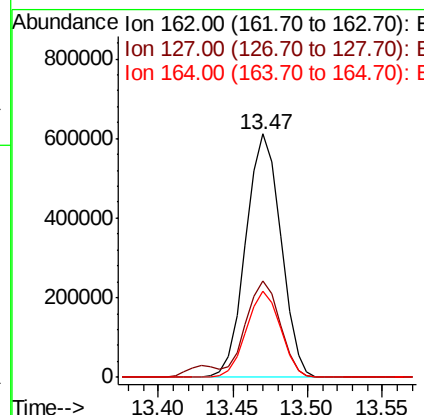
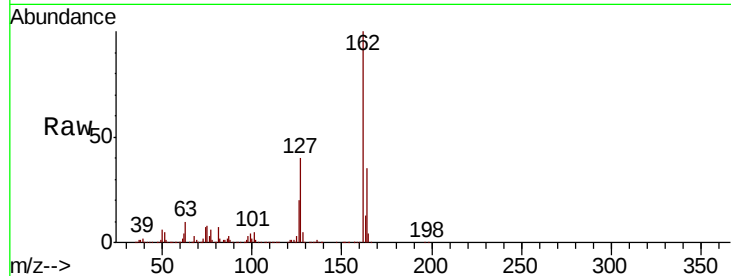
#47
2-Chloronaphthalene
Concen: 43.078 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Instrument :
BNA_G
ClientSampleId :
GW-1MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	994801		
127	39.8		32.1	48.1
164	35.2		27.5	41.3

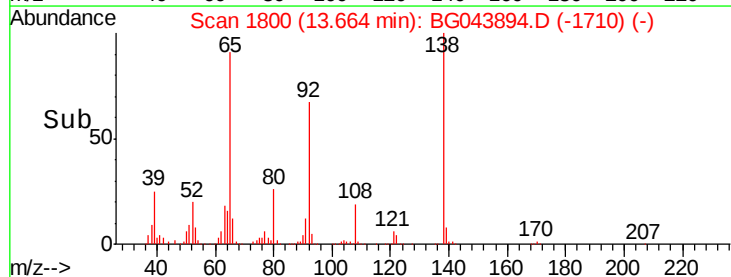
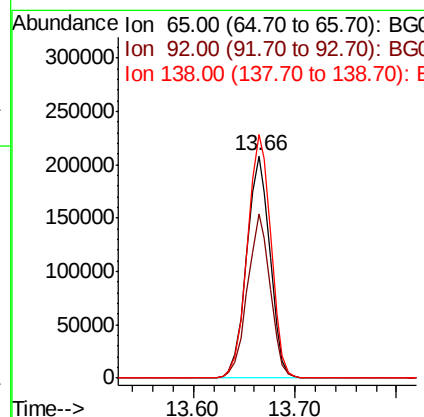
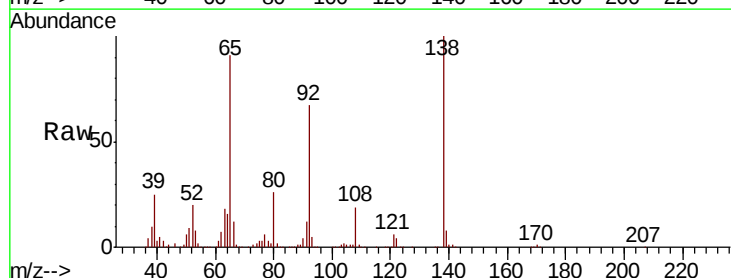
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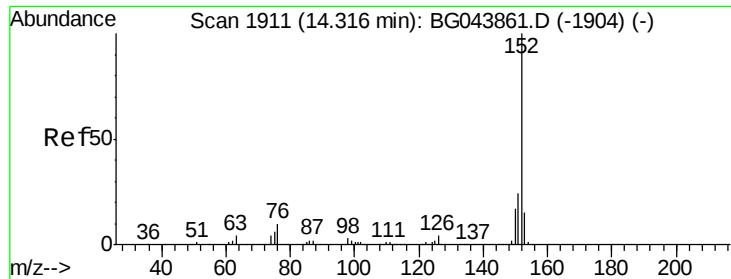
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#48
2-Nitroaniline
Concen: 44.786 ng
RT: 13.66 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	332685		
92	73.8		57.4	86.2
138	109.6		88.2	132.4





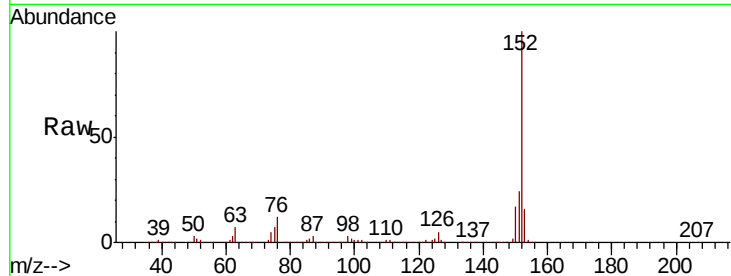
#49
Acenaphthylene
Concen: 47.382 ng
RT: 14.32 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Instrument :
BNA_G
ClientSampleId :
GW-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	24.3	19.4	29.2
153	15.6	12.0	18.0

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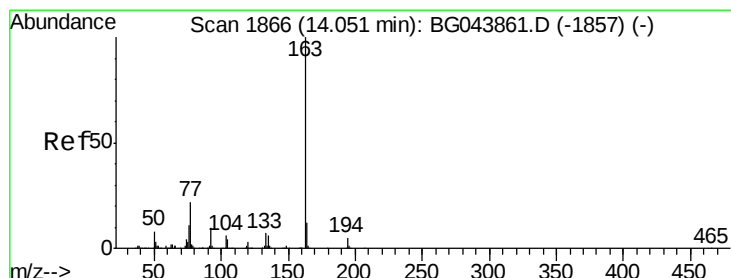
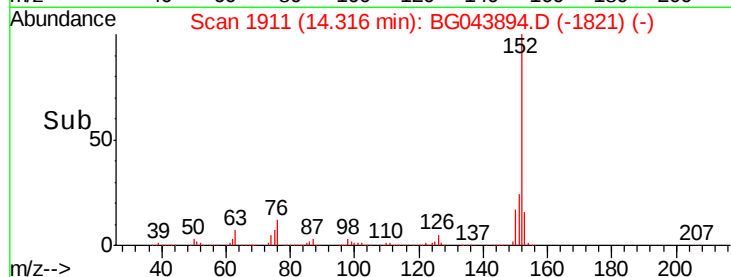
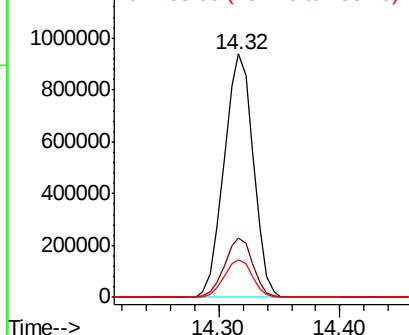


Abundance

Ion 152.00 (151.70 to 152.70): E

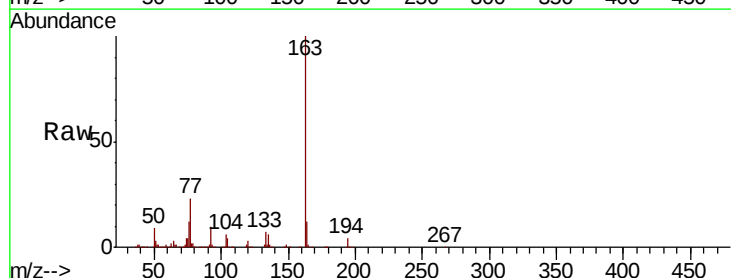
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 48.573 ng
RT: 14.05 min Scan# 1866
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.7	5.5
164	11.9	9.3	13.9

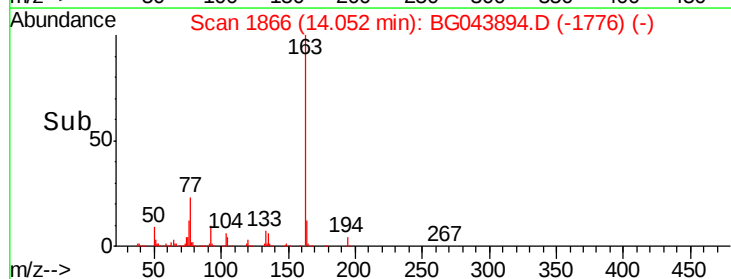
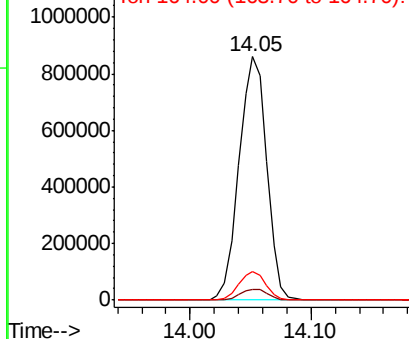


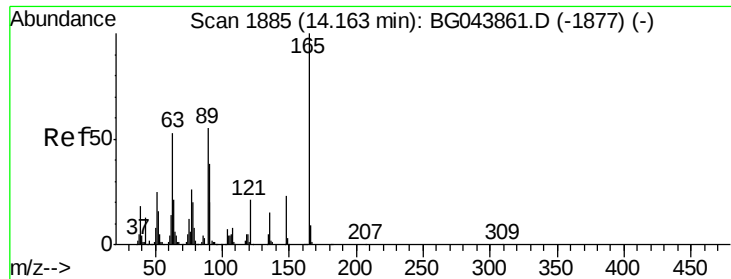
Abundance

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





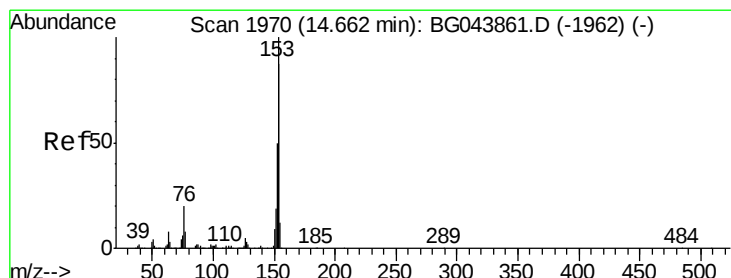
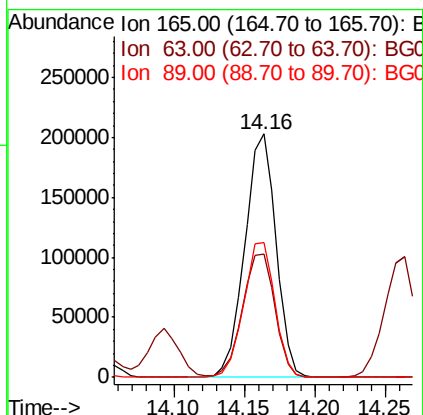
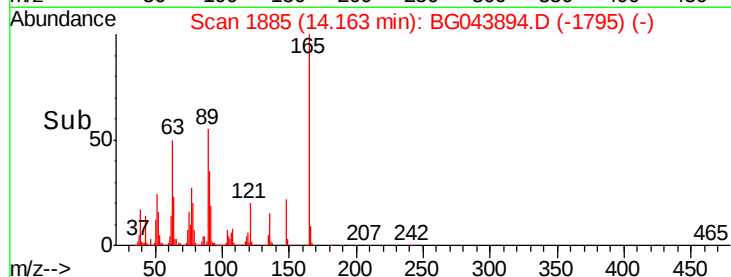
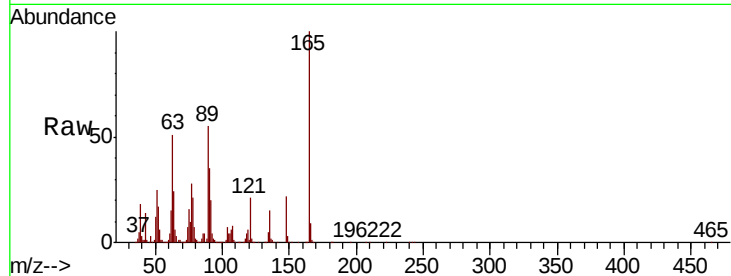
#51
2,6-Dinitrotoluene
Concen: 49.256 ng
RT: 14.16 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Instrument :
BNA_G
ClientSampleId :
GW-1MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.7	43.1	64.7
89	55.2	43.8	65.6

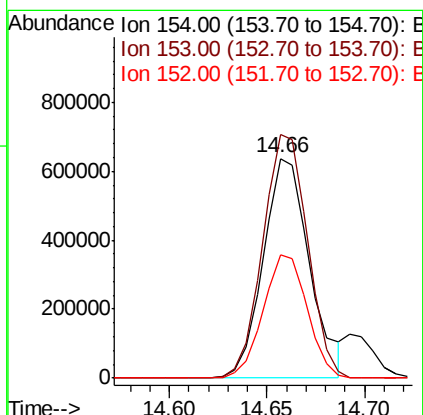
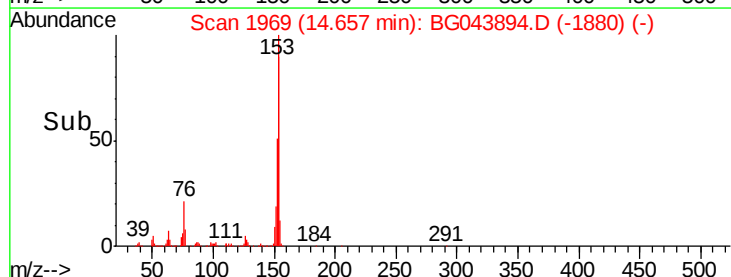
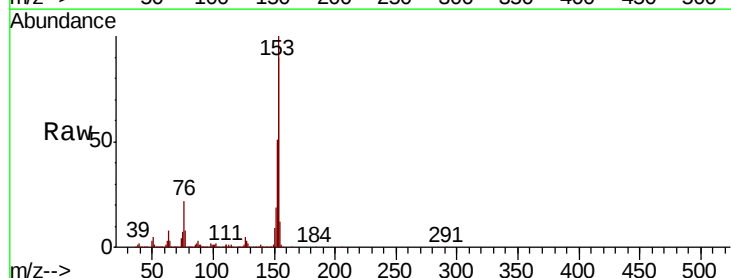
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#52
Acenaphthene
Concen: 44.869 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.8	91.6	137.4
152	56.3	45.4	68.0





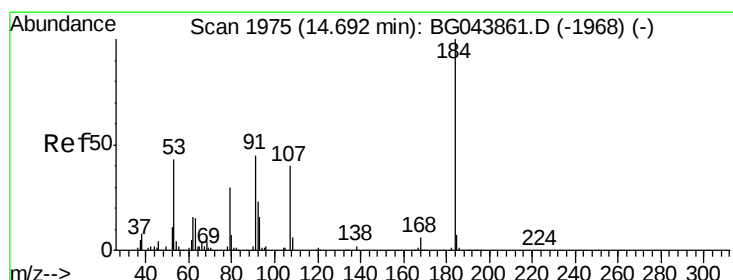
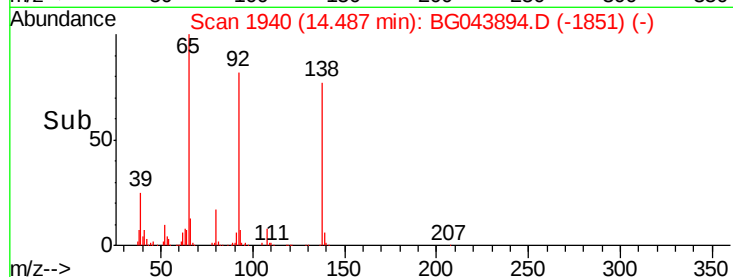
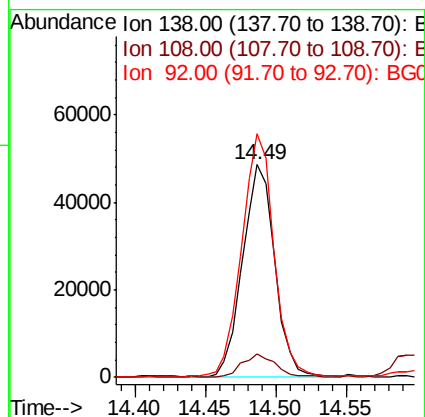
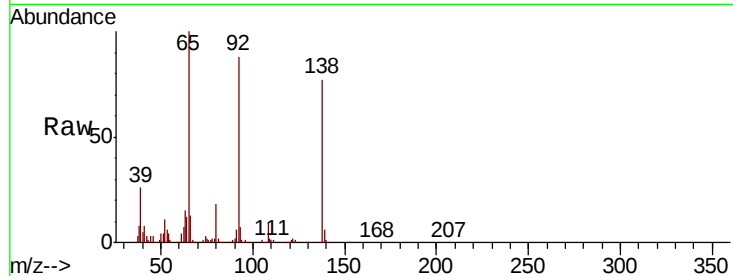
#53
3-Nitroaniline
Concen: 10.704 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Instrument :
BNA_G
ClientSampleId :
GW-1MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	7.4	11.2#
92	114.5	92.1	138.1

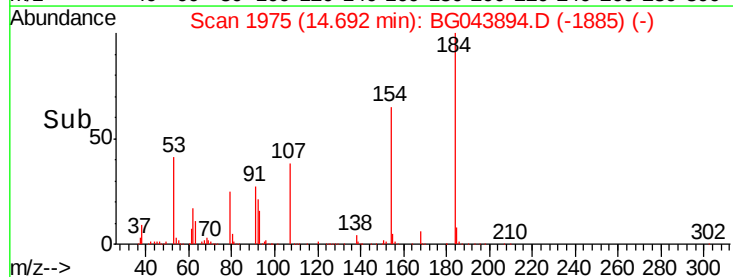
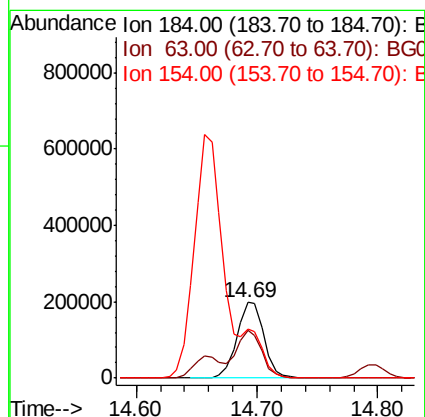
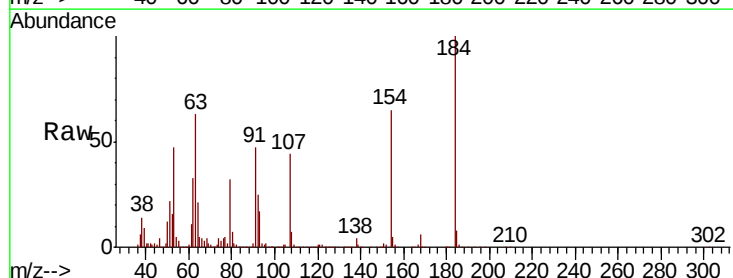
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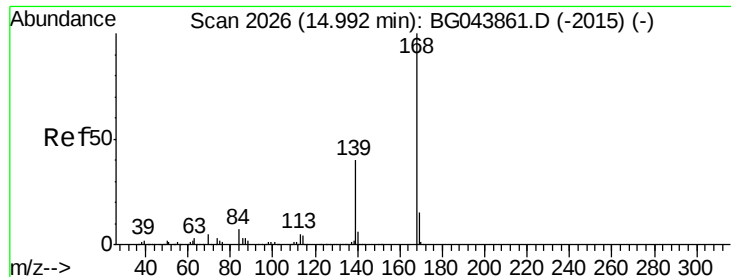
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#54
2,4-Dinitrophenol
Concen: 94.180 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.8	46.6	70.0
154	65.2	50.2	75.4





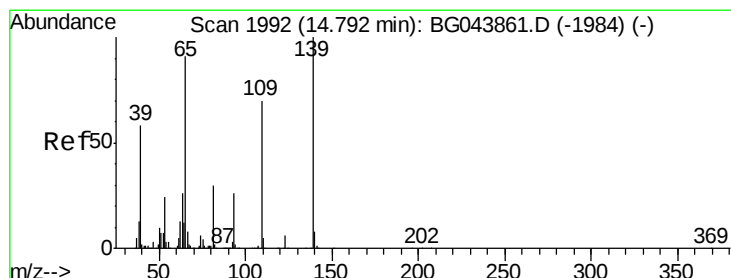
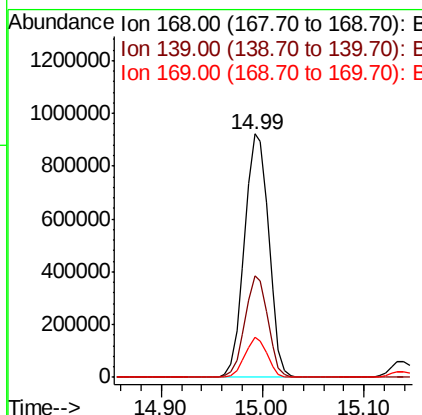
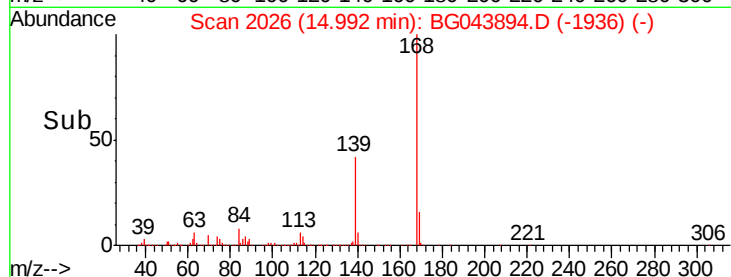
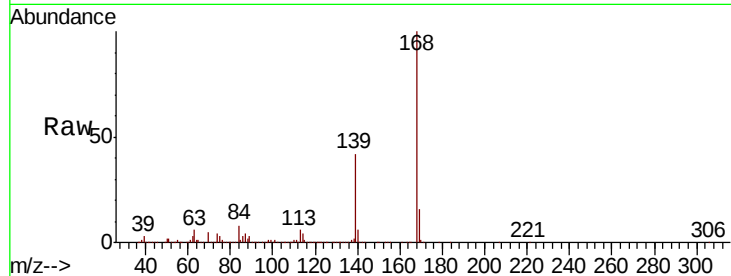
#55
Dibenzenofuran
Concen: 47.637 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Instrument :
BNA_G
ClientSampleId :
GW-1MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.6	32.2	48.2
169	16.3	12.2	18.2

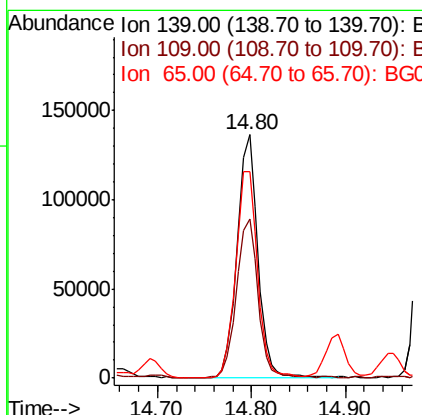
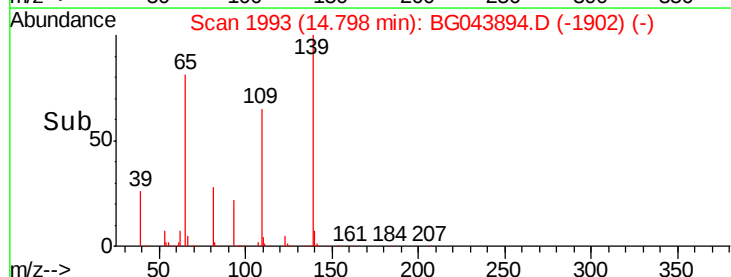
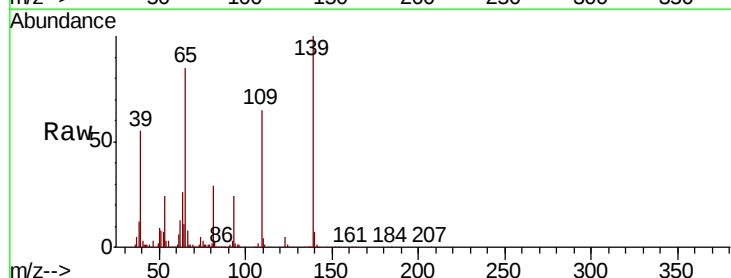
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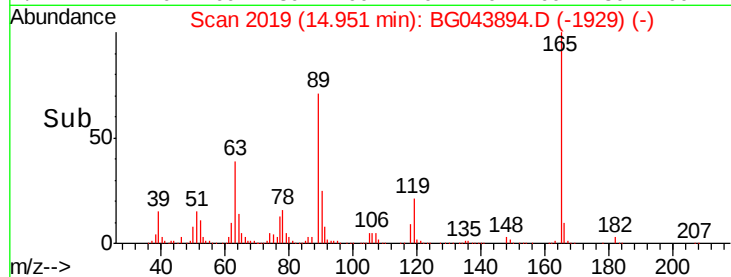
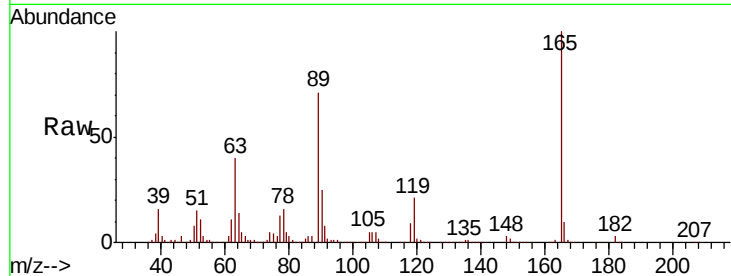
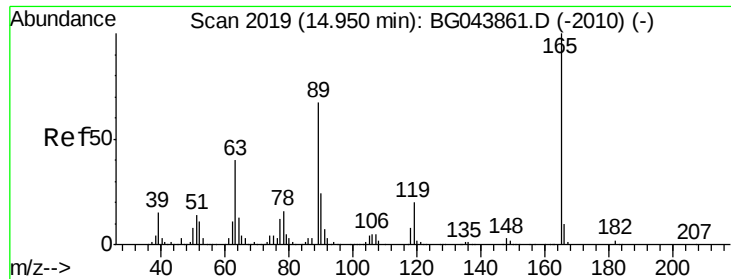
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#56
4-Nitrophenol
Concen: 37.801 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.01 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.4	50.4	90.4
65	84.7	71.4	111.4





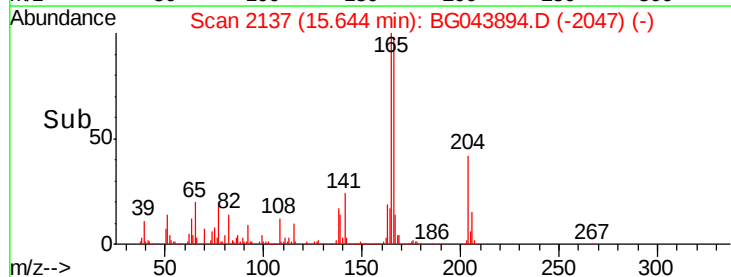
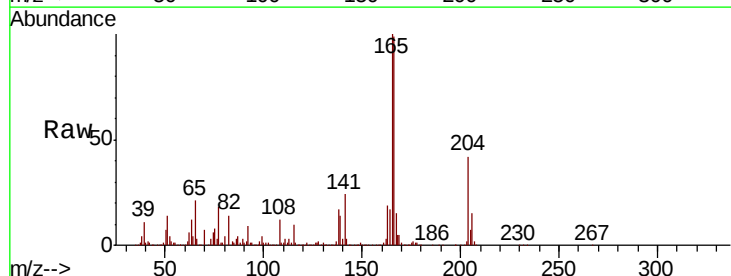
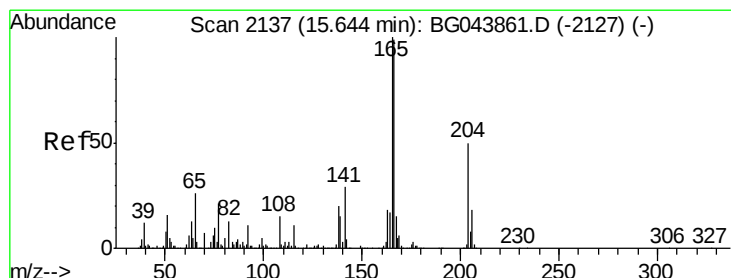
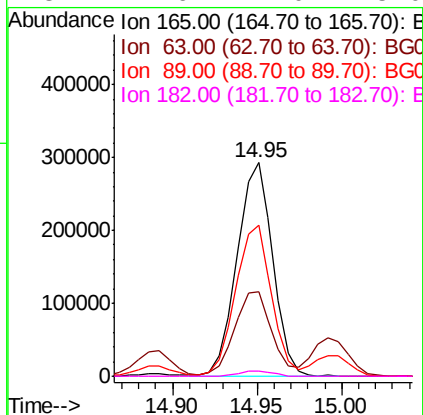
#57
2,4-Dinitrotoluene
Concen: 48.753 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Instrument :
BNA_G
ClientSampleId :
GW-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		424355		
63	39.6		31.9	47.9	
89	71.0		53.8	80.6	
182	2.6		2.0	3.0	

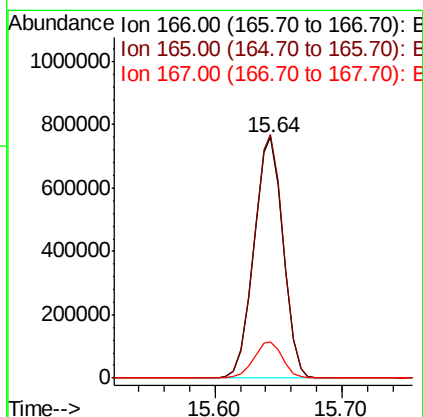
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#58
Fluorene
Concen: 47.726 ng
RT: 15.64 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1212133		
165	101.1		80.8	121.2	
167	14.8		12.1	18.1	





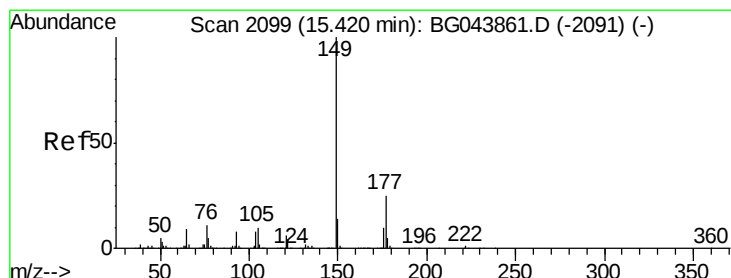
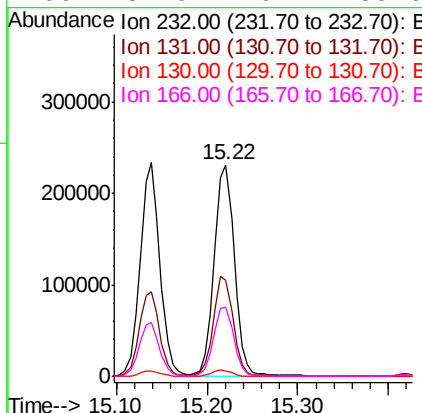
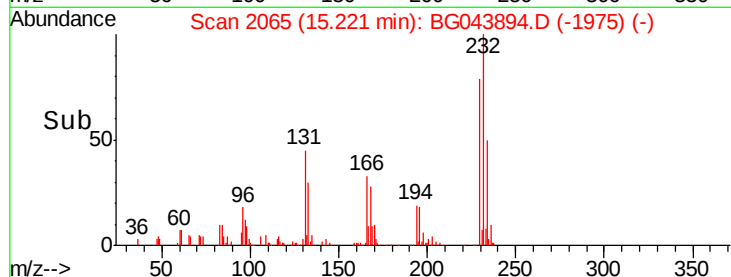
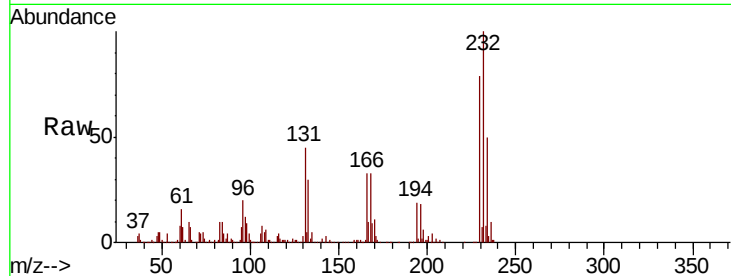
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.995 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Instrument :
 BNA_G
 ClientSampleId :
 GW-1MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	356425		
131	46.6	38.2	57.2	
130	2.9	2.2	3.2	
166	32.9	26.4	39.6	

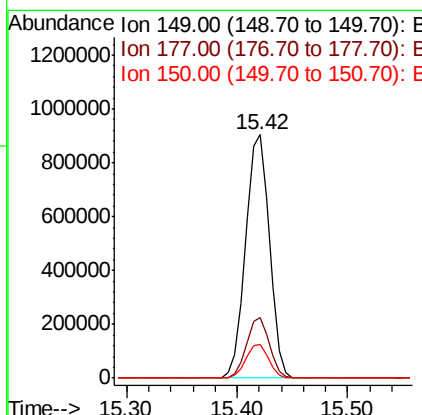
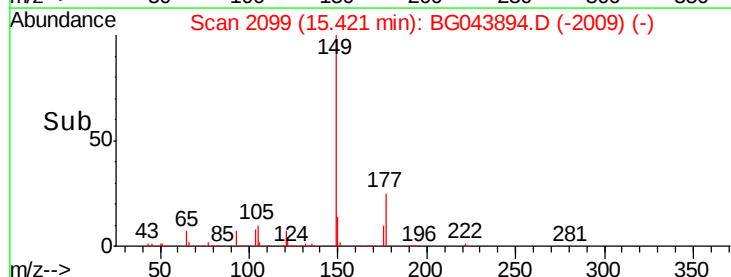
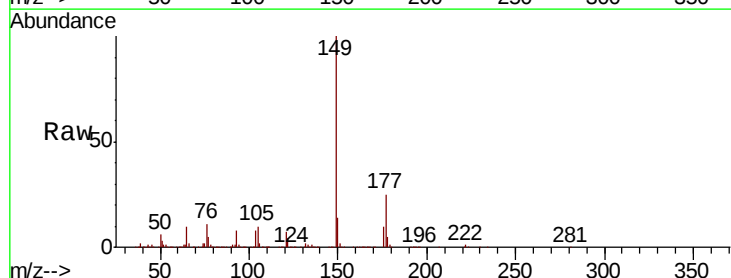
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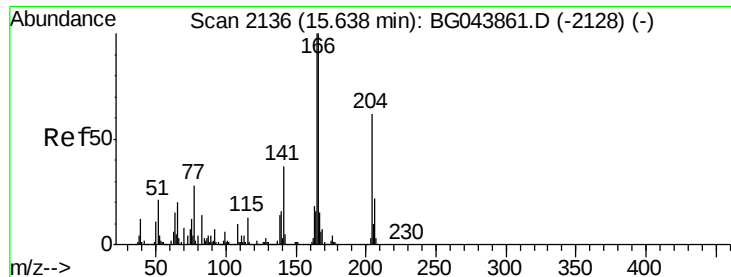
mohammad
 1/6/2020 11:41:46 AM



#60
 Diethylphthalate
 Concen: 48.463 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1371853		
177	25.1	20.0	30.0	
150	13.9	11.1	16.7	





#61

4-Chlorophenyl-phenylether

Concen: 46.432 ng

RT: 15.64 min Scan# 2136

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Instrument :

BNA_G

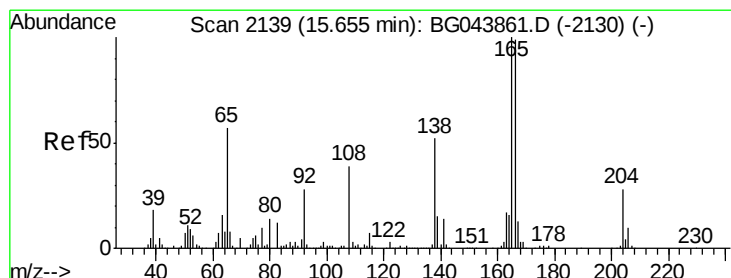
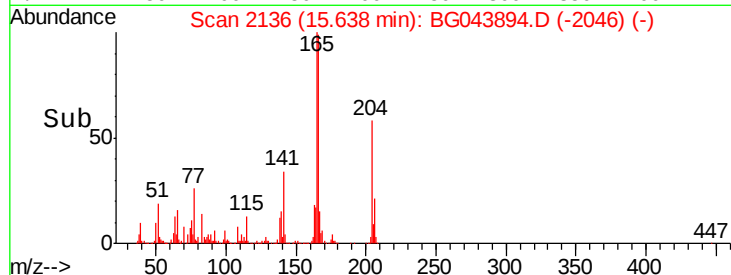
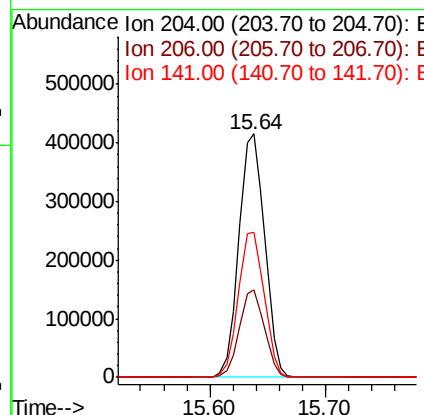
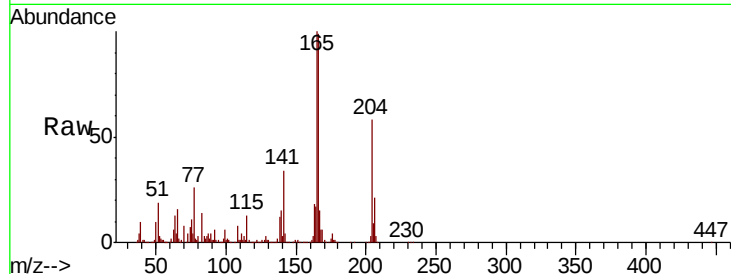
ClientSampled :

GW-1MS

Tot Ion:	204	Resp:	640333
Ion Ratio	Lower	Upper	
204	100		
206	36.0	28.2	42.2
141	59.3	48.2	72.2

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#62

4-Nitroaniline

Concen: 40.702 ng

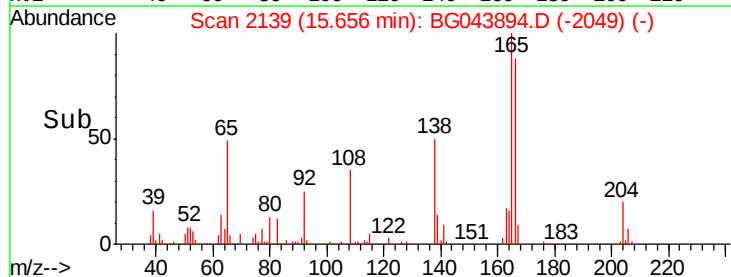
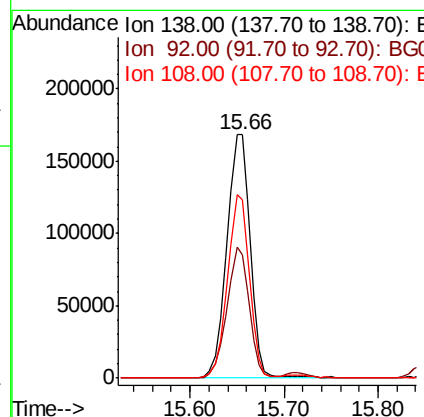
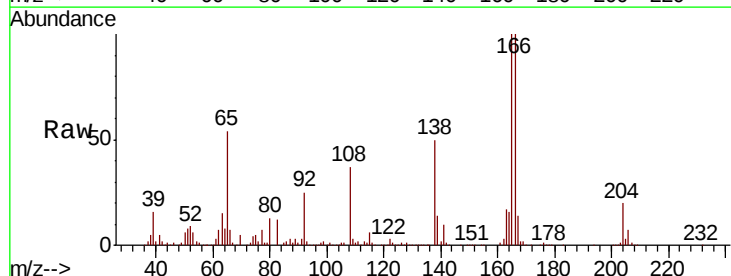
RT: 15.66 min Scan# 2139

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Tgt Ion:	138	Resp:	291975
Ion Ratio	Lower	Upper	
138	100		
92	50.7	34.3	74.3
108	73.3	55.0	95.0





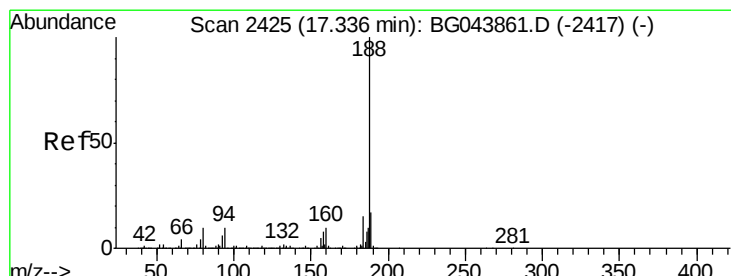
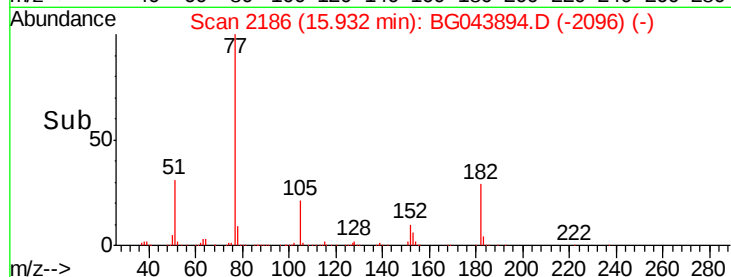
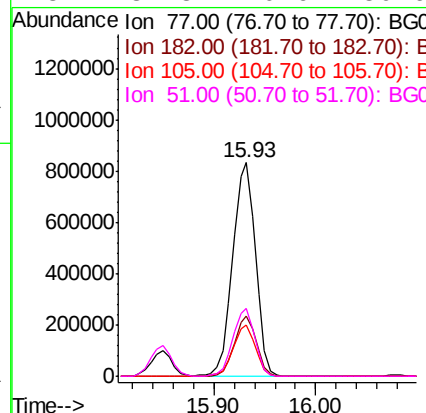
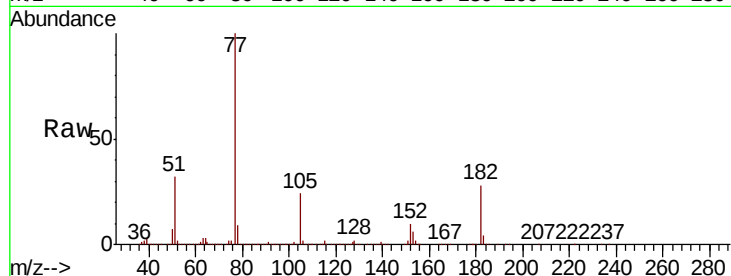
#63
Azobenzene
Concen: 49.396 ng
RT: 15.93 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Instrument :
BNA_G
ClientSampleId :
GW-1MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.0	7.3	47.3	
105	23.8	3.2	43.2	
51	31.8	10.6	50.6	

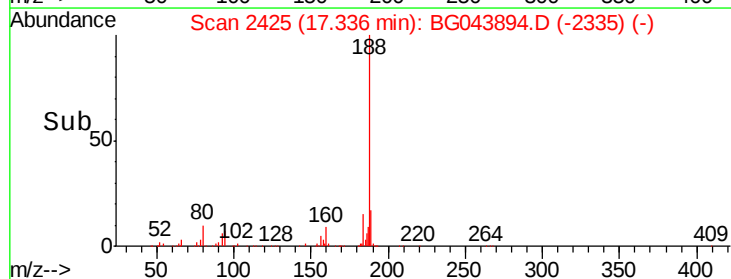
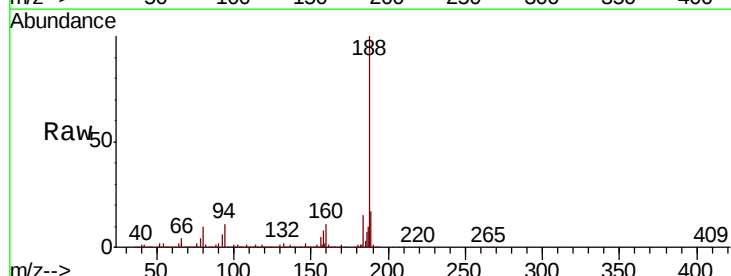
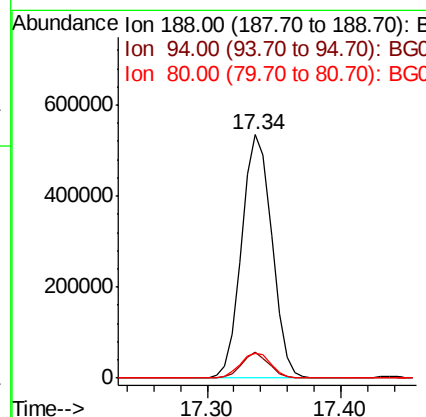
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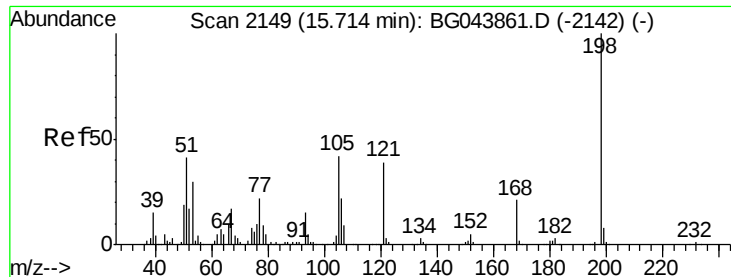
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.5	7.9	11.9	
80	10.1	8.2	12.4	





#65

4,6-Dinitro-2-methylphenol

Concen: 52.735 ng

RT: 15.71 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Instrument :

BNA_G

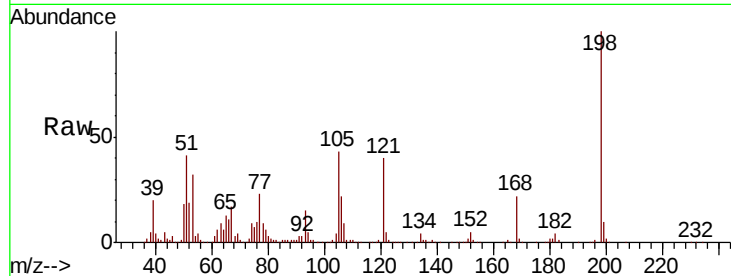
ClientSampleId :

GW-1MS

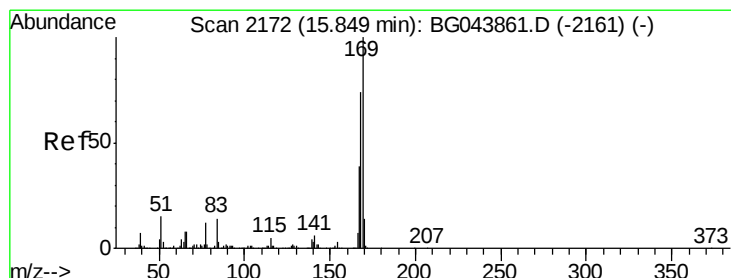
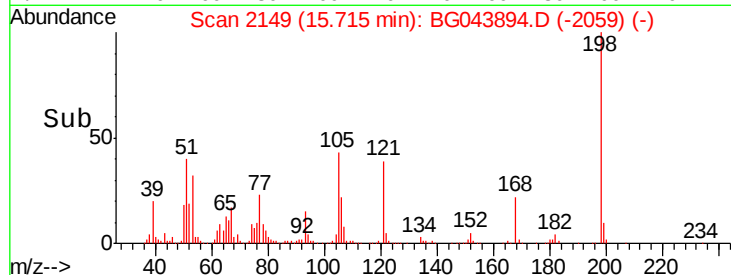
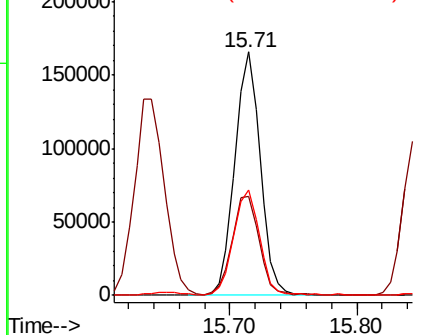
Tot Ion:	198	Resp:	229510
Ion Ratio	Lower	Upper	
198	100		
51	40.6	22.5	62.5
105	43.2	22.3	62.3

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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: 47.145 ng

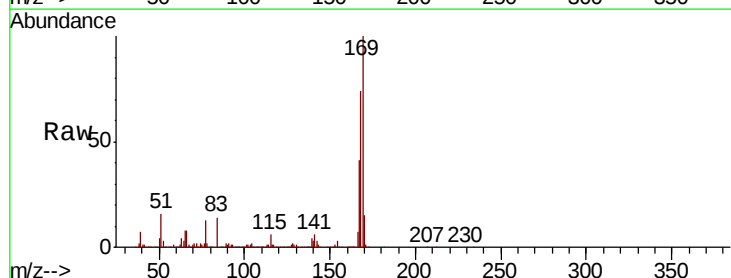
RT: 15.85 min Scan# 2172

Delta R.T. 0.00 min

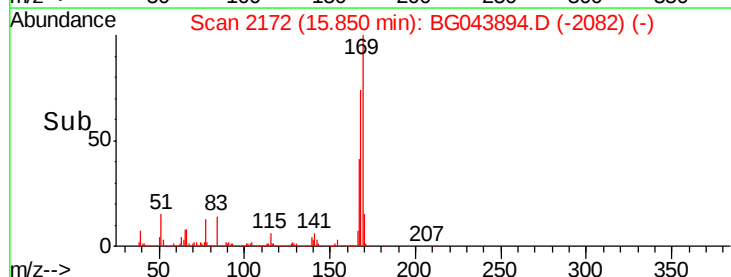
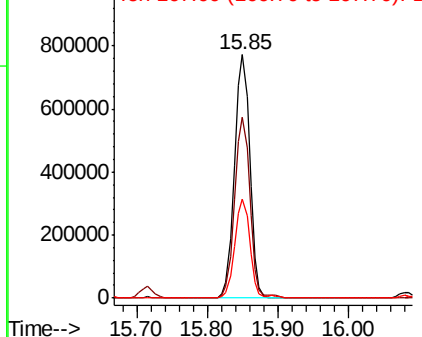
Lab File: BG043894.D

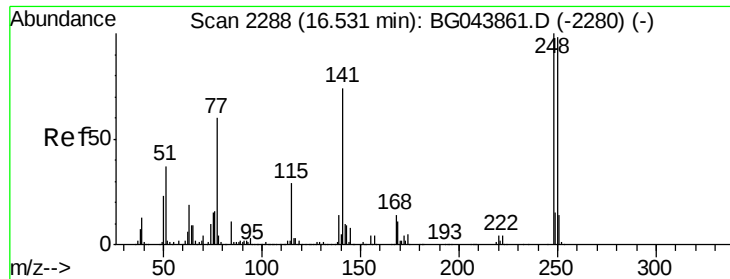
Acq: 3 Jan 2020 19:15

Tgt Ion:	169	Resp:	1162231
Ion Ratio	Lower	Upper	
169	100		
168	74.2	59.0	88.6
167	40.5	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: 44.793 ng

RT: 16.53 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Instrument :

BNA_G

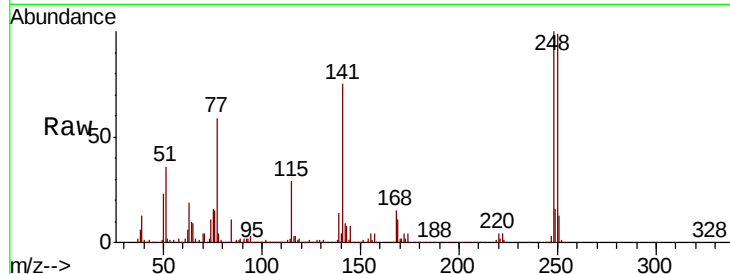
ClientSampleId :

GW-1MS

Tot Ion:	248	Resp:	421734
Ion Ratio	Lower	Upper	
248	100		
250	99.4	78.2	117.2
141	74.5	59.3	88.9

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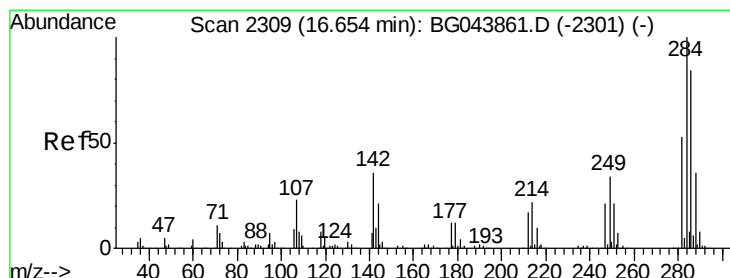
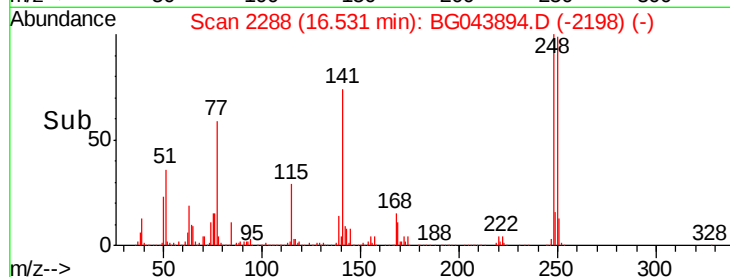
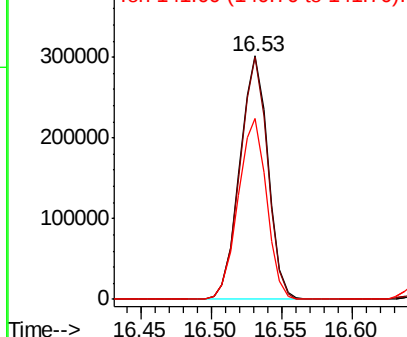


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 43.591 ng

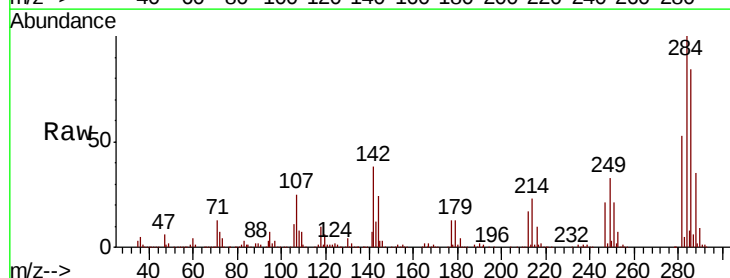
RT: 16.65 min Scan# 2308

Delta R.T. -0.01 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Tgt Ion:	284	Resp:	442235
Ion Ratio	Lower	Upper	
284	100		
142	37.9	28.6	43.0
249	33.2	27.0	40.6

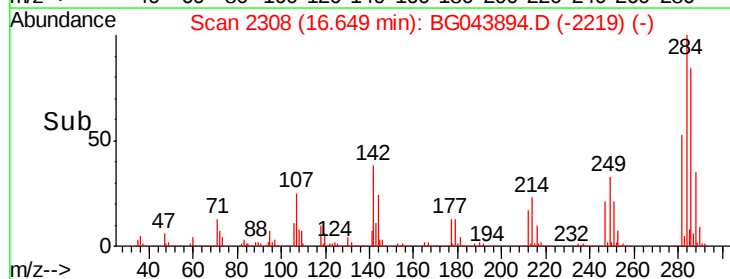
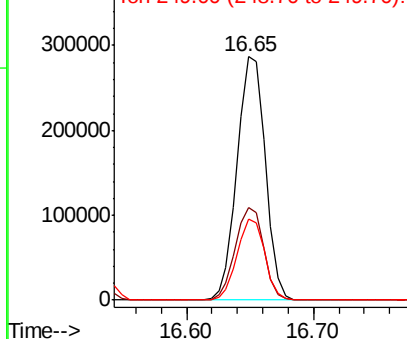


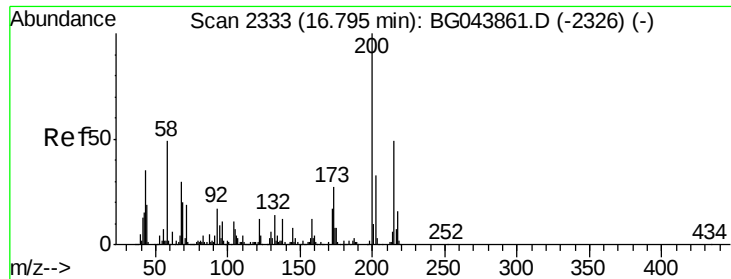
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





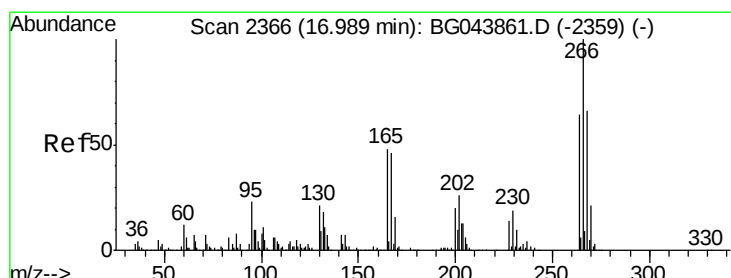
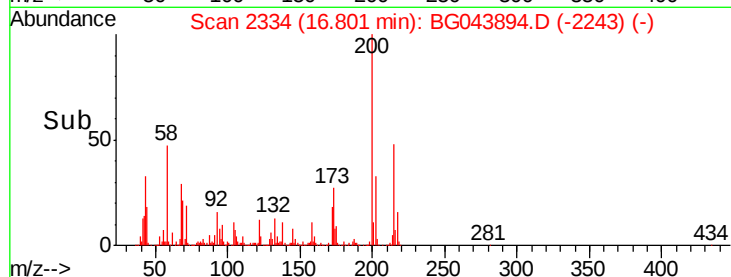
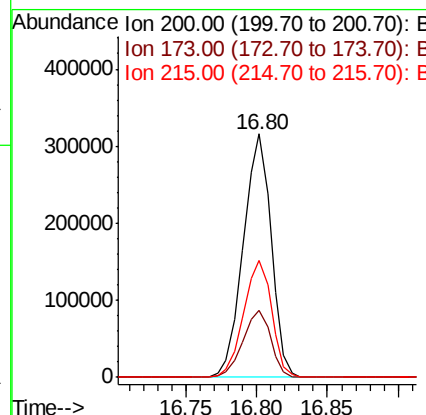
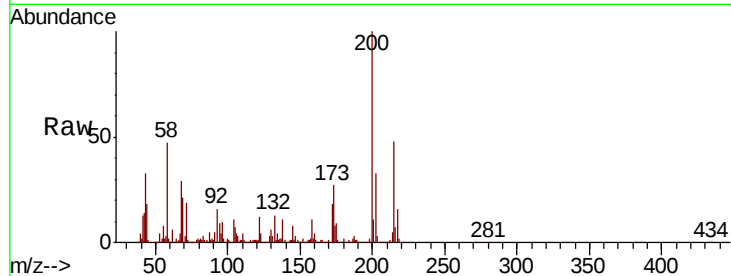
#69
Atrazine
Concen: 54.327 ng
RT: 16.80 min Scan# 2334
Delta R.T. 0.01 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Instrument :
BNA_G
ClientSampleId :
GW-1MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	6.6	46.6
215	47.9	28.6	68.6

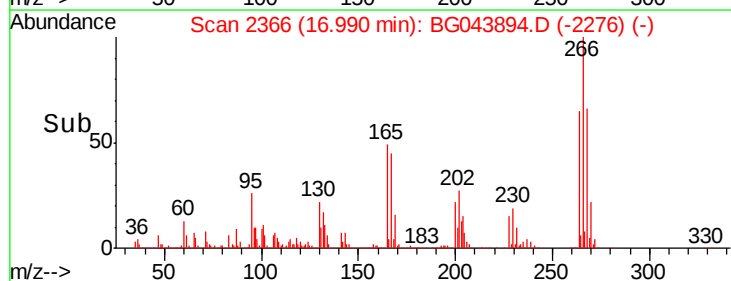
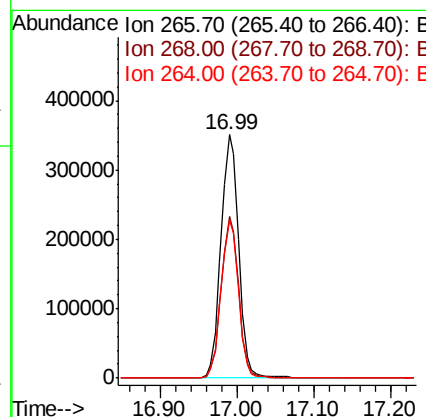
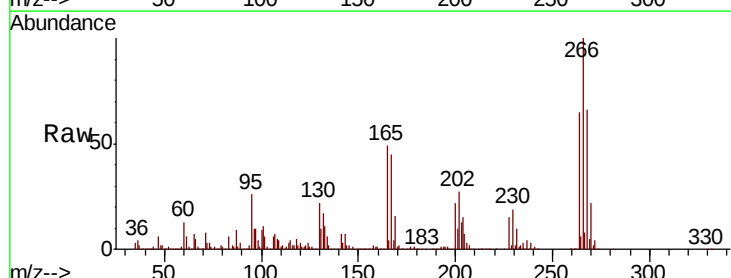
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#70
Pentachlorophenol
Concen: 99.482 ng
RT: 16.99 min Scan# 2366
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.3	52.6	79.0
264	64.7	50.8	76.2





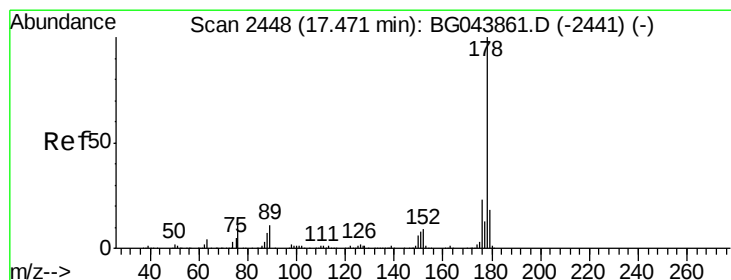
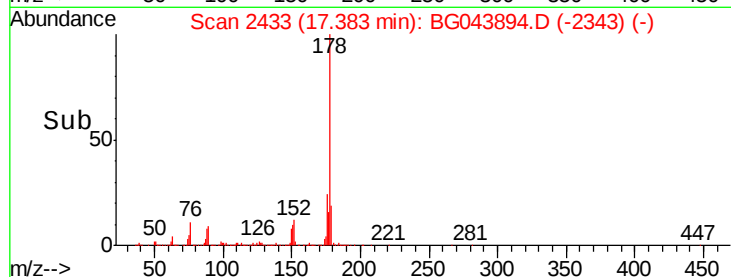
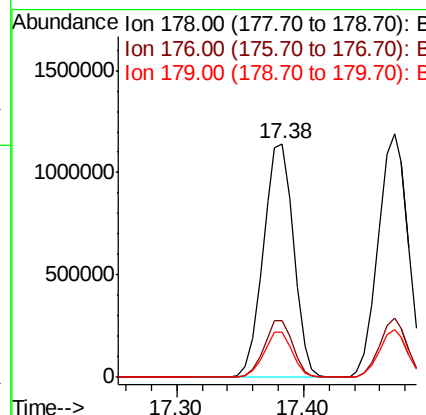
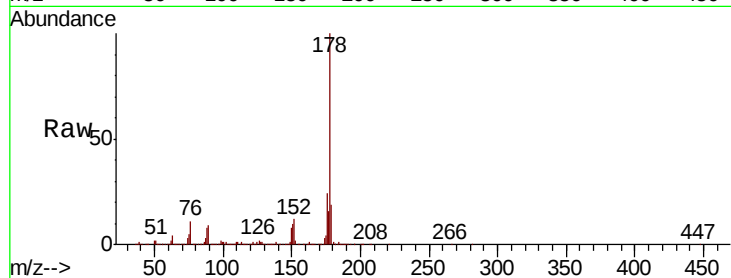
#71
Phenanthrene
Concen: 47.279 ng
RT: 17.38 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Instrument :
BNA_G
ClientSampleId :
GW-1MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	24.4	18.6	28.0
179	19.1	14.4	21.6

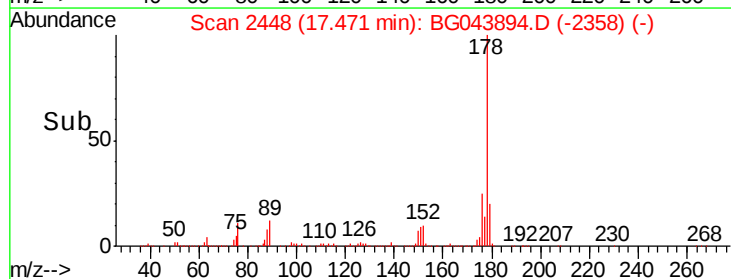
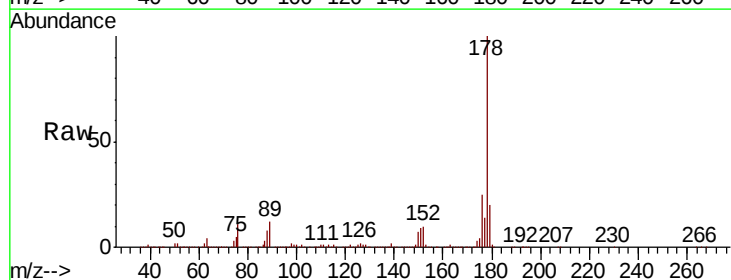
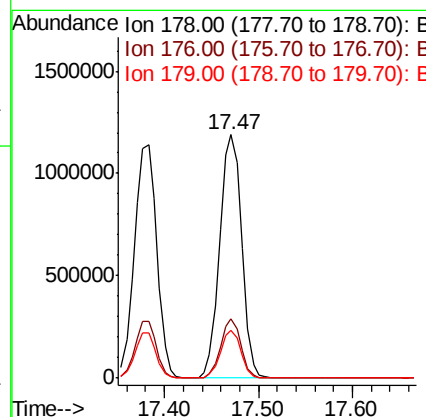
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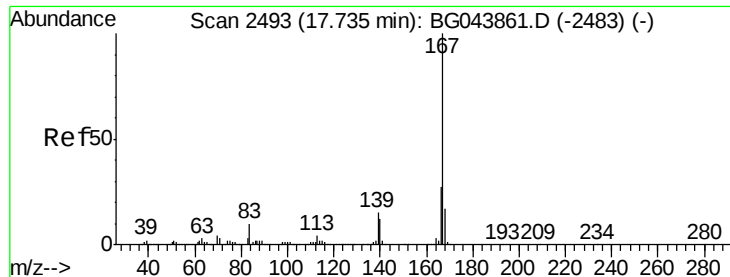
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#72
Anthracene
Concen: 49.058 ng
RT: 17.47 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	24.6	18.3	27.5
179	19.9	14.6	22.0





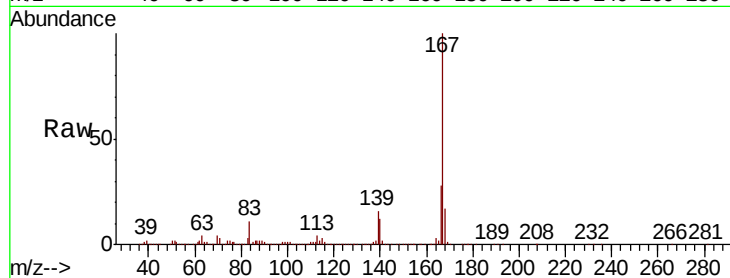
#73
 Carbazole
 Concen: 49.113 ng
 RT: 17.74 min Scan# 2493
 Delta R.T. 0.00 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Instrument :
 BNA_G
 ClientSampled :
 GW-1MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	28.4	21.6	32.4
139	15.8	12.1	18.1

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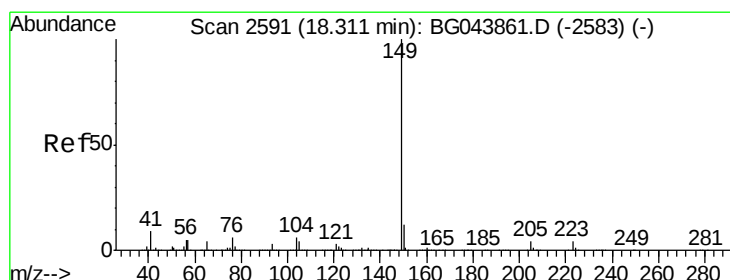
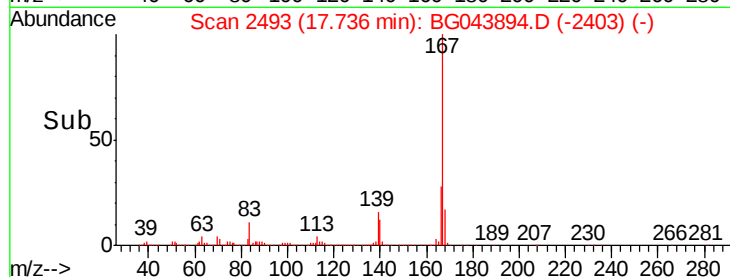
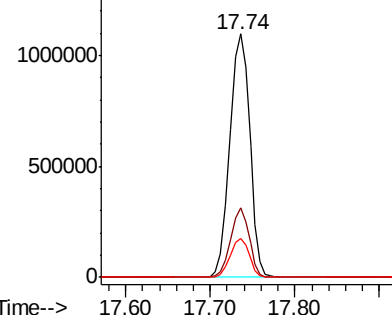


Abundance

Ion 167.00 (166.70 to 167.70): E

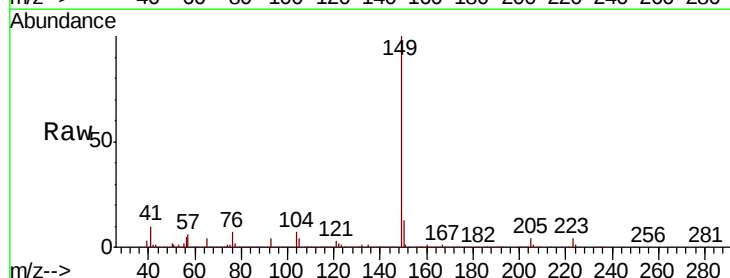
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 45.802 ng
 RT: 18.31 min Scan# 2590
 Delta R.T. -0.01 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	12.9	9.7	14.5
104	6.9	5.0	7.4

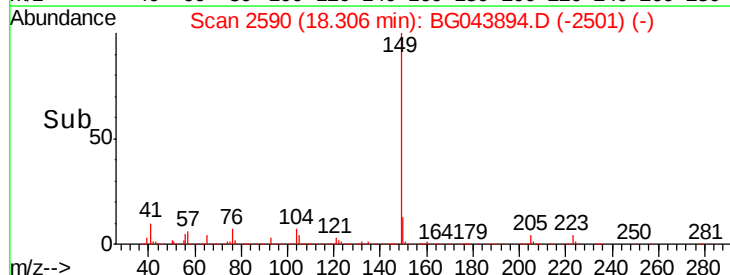
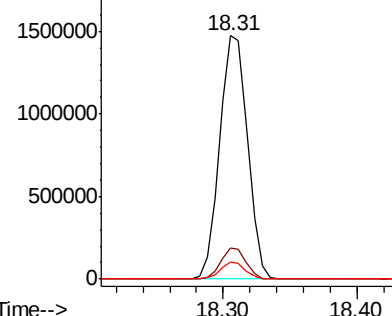


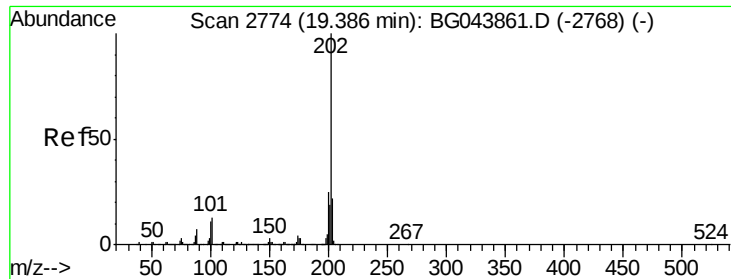
Abundance

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: 46.242 ng

RT: 19.39 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Instrument :

BNA_G

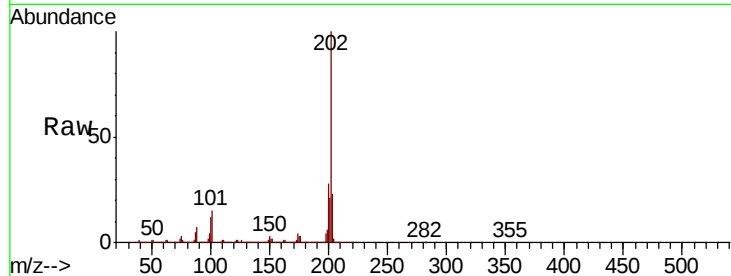
ClientSampleId :

GW-1MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2123452		
101	14.8	0.0	33.3	
203	23.3	1.6	41.6	

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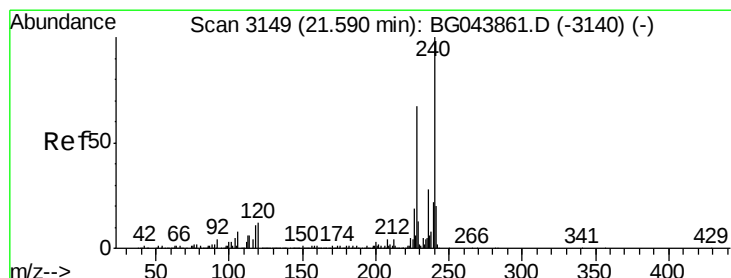
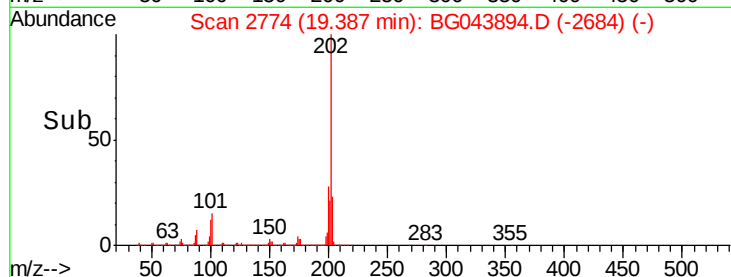
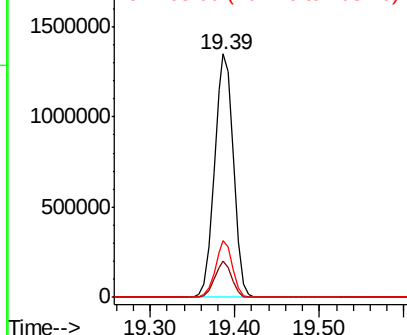


Abundance

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

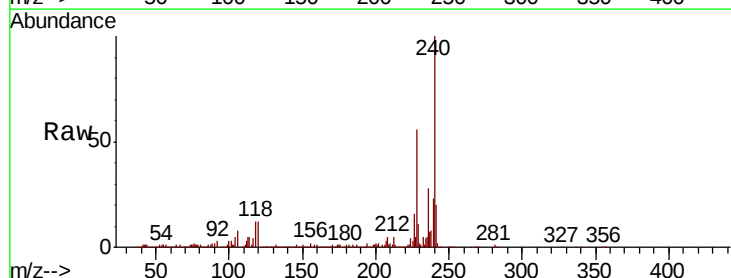
RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	700540		
120	11.8	9.6	14.4	
236	28.1	22.2	33.2	

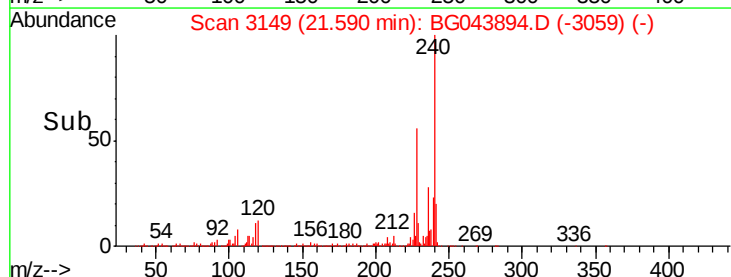
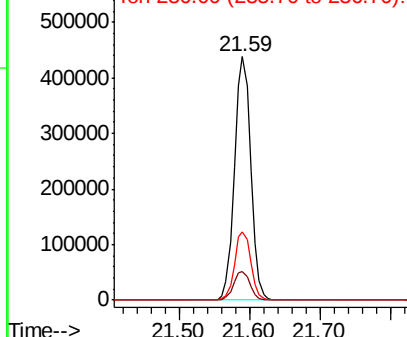


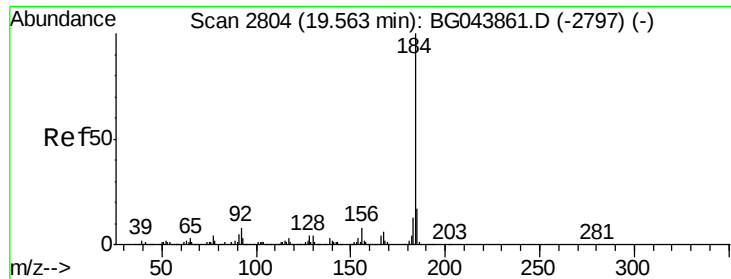
Abundance

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: 33.385 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Instrument :

BNA_G

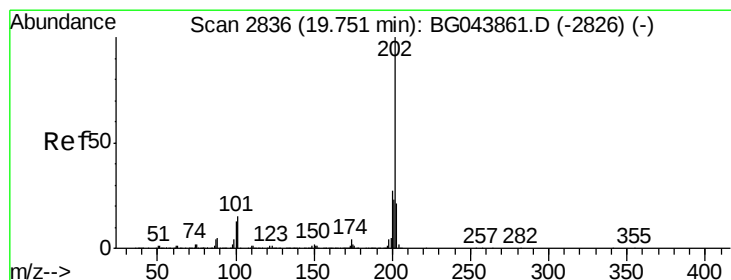
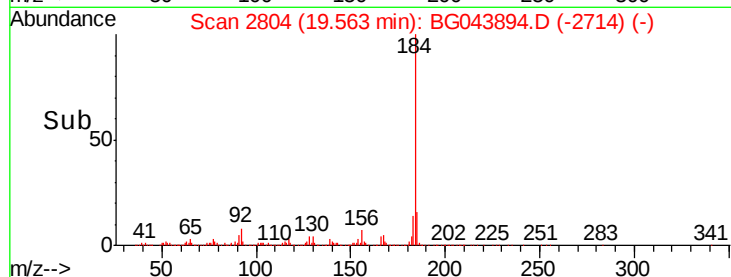
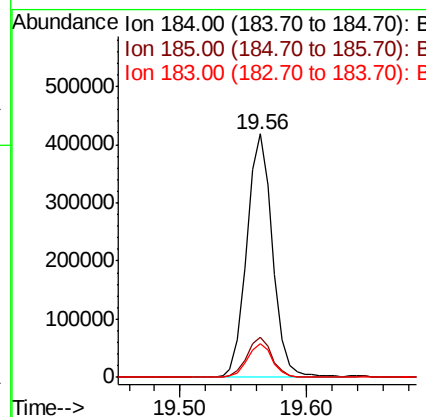
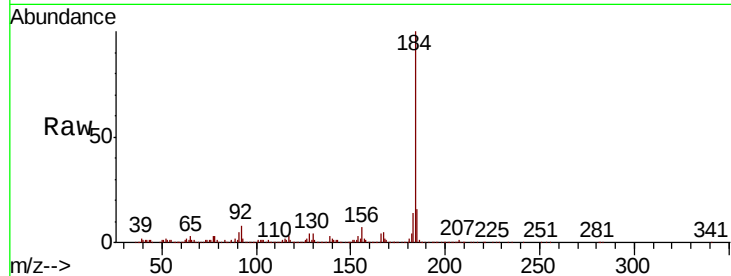
ClientSampleId :

GW-1MS

Tot Ion:	184	Resp:	587868
Ion Ratio	Lower	Upper	
184	100		
185	16.3	13.4	20.0
183	13.7	10.6	15.8

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#78

Pyrene

Concen: 46.923 ng

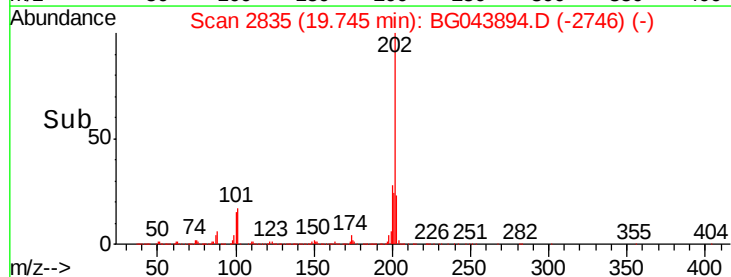
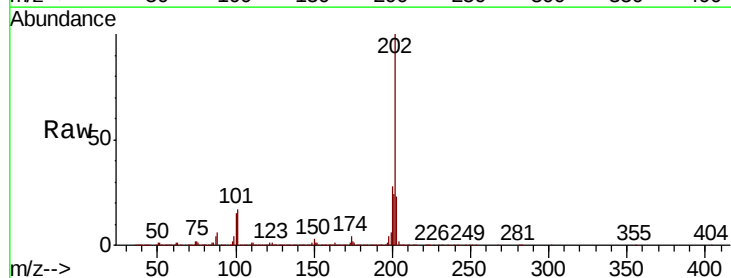
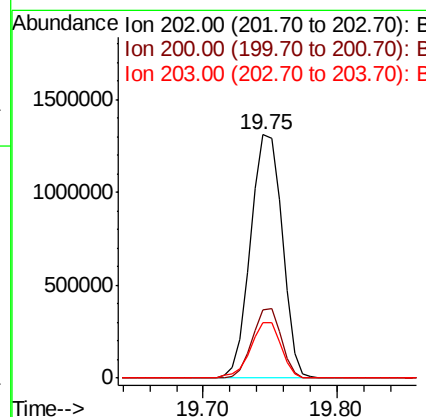
RT: 19.75 min Scan# 2835

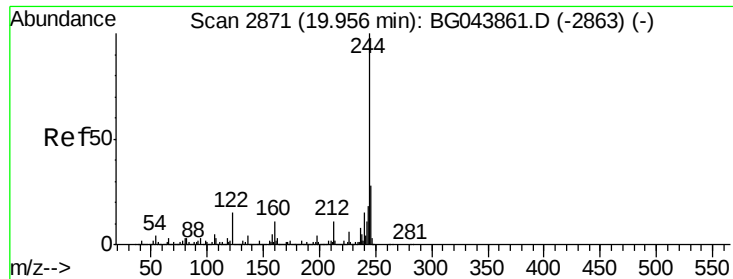
Delta R.T. -0.01 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Tgt Ion:	202	Resp:	2145627
Ion Ratio	Lower	Upper	
202	100		
200	27.9	21.7	32.5
203	22.7	17.0	25.6





#79

Terphenyl-d14

Concen: 93.947 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Instrument :

BNA_G

ClientSampleId :

GW-1MS

Tot Ion:244 Resp: 2656372

Ion Ratio Lower Upper

244 100

212 12.3 8.6 13.0

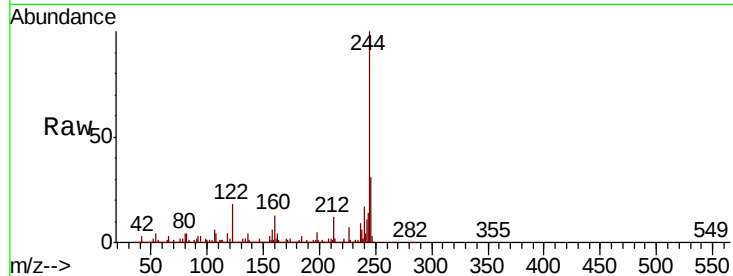
122 17.9 11.9 17.9#

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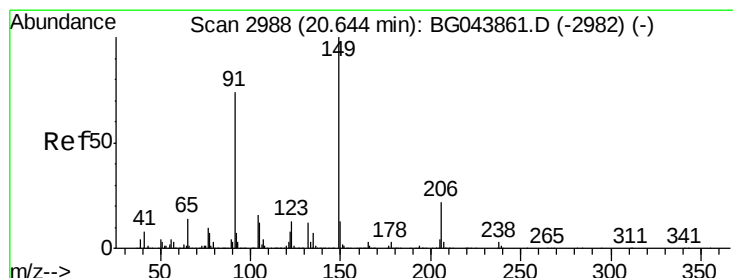
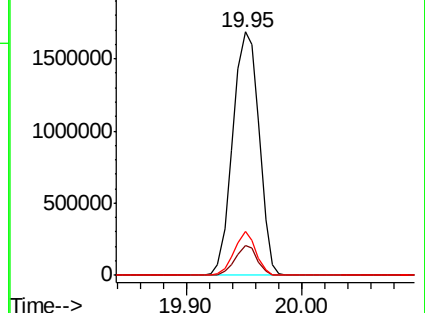
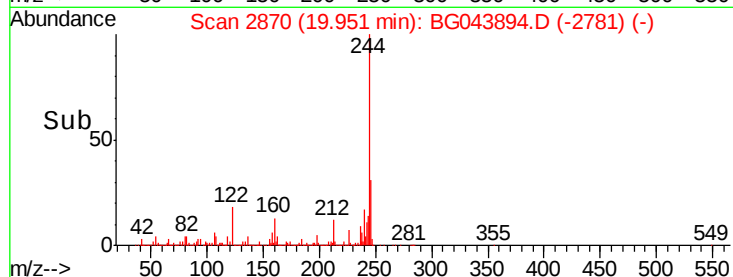
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.247 ng

RT: 20.64 min Scan# 2988

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

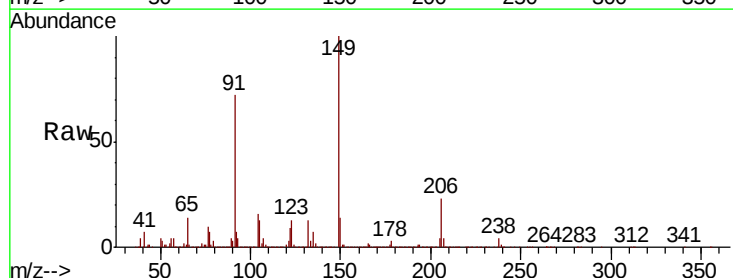
Tgt Ion:149 Resp: 1050346

Ion Ratio Lower Upper

149 100

91 72.3 59.5 89.3

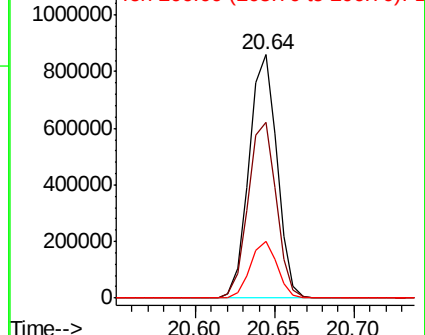
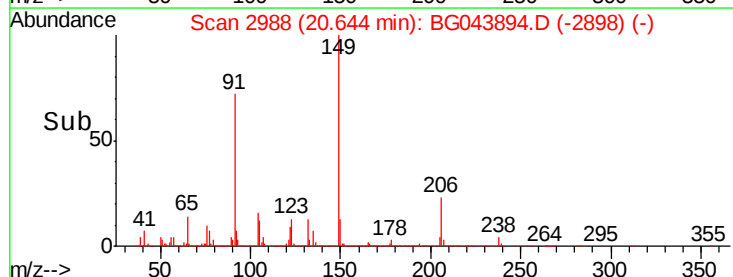
206 23.3 17.8 26.6



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





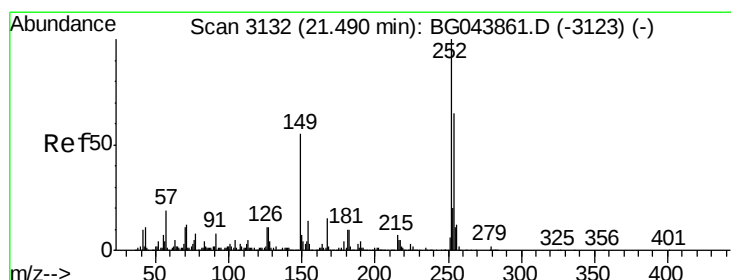
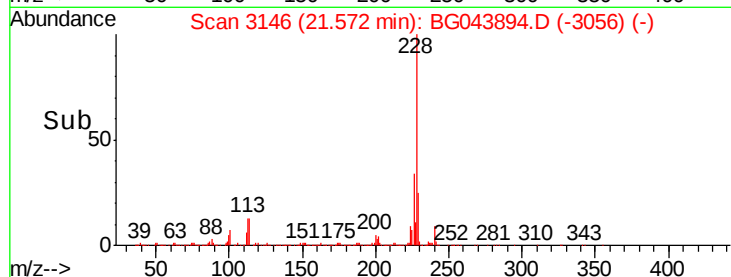
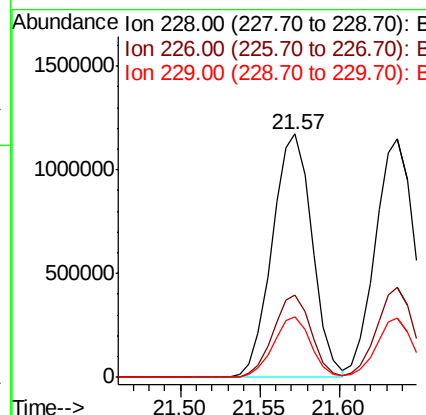
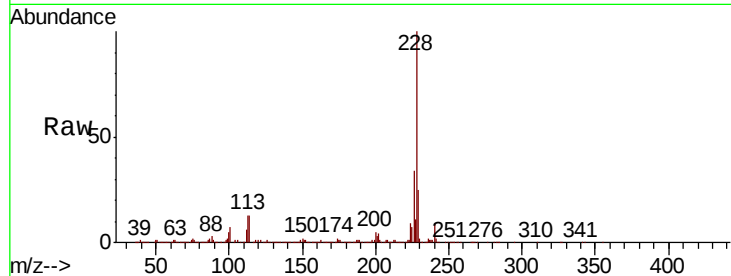
#81
Benzo(a)anthracene
Concen: 47.205 ng
RT: 21.57 min Scan# 3146
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Instrument :
BNA_G
ClientSampleId :
GW-1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.6	26.2	39.4
229	24.7	18.9	28.3

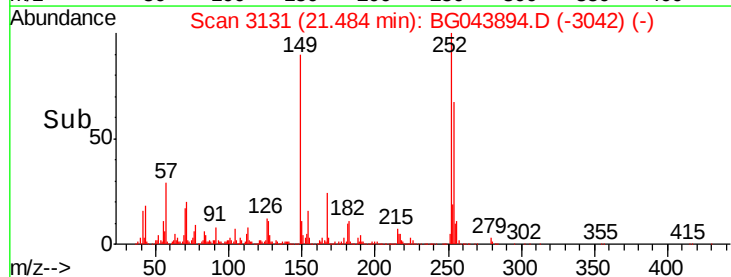
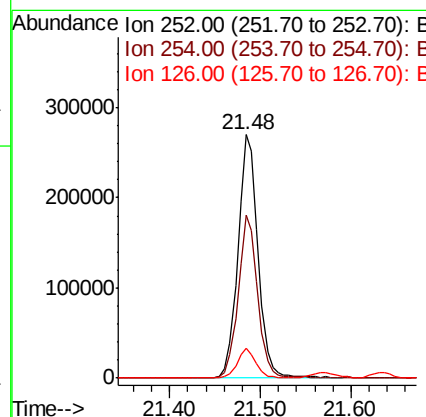
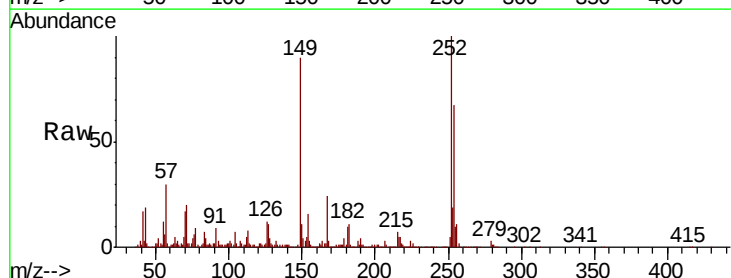
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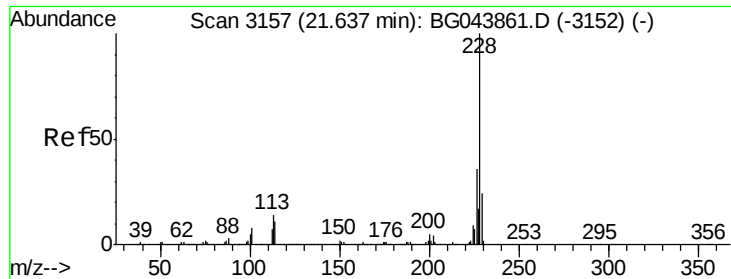
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#82
3,3'-Dichlorobenzidine
Concen: 24.311 ng
RT: 21.48 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.8	52.1	78.1
126	12.3	9.1	13.7





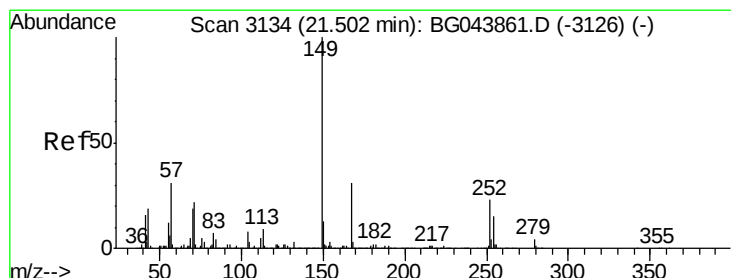
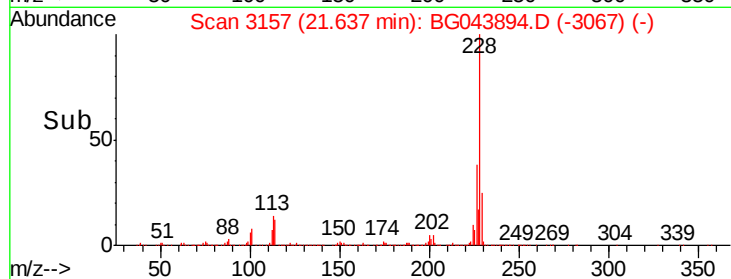
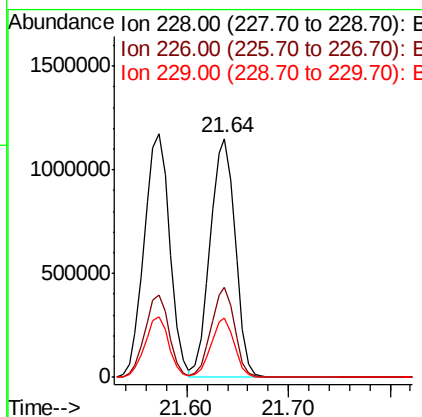
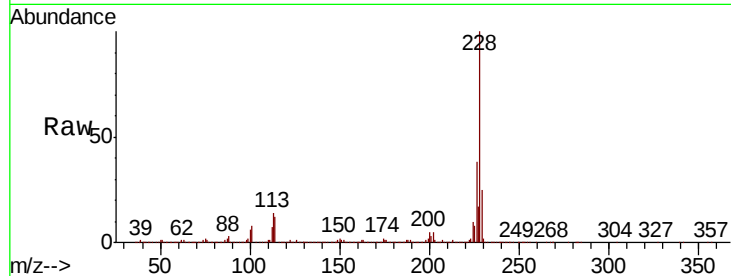
#83
 Chrvsene
 Concen: 47.639 ng
 RT: 21.64 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Instrument :
 BNA_G
 ClientSampleId :
 GW-1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	37.7	28.8	43.2
229	24.6	19.0	28.6

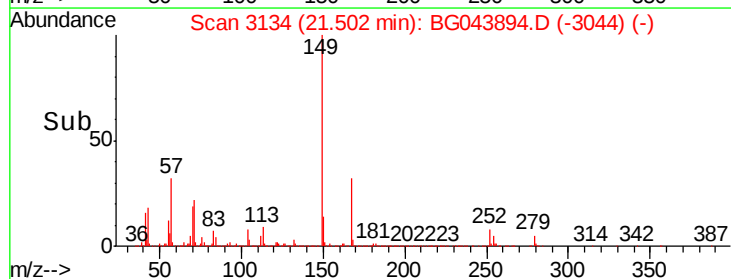
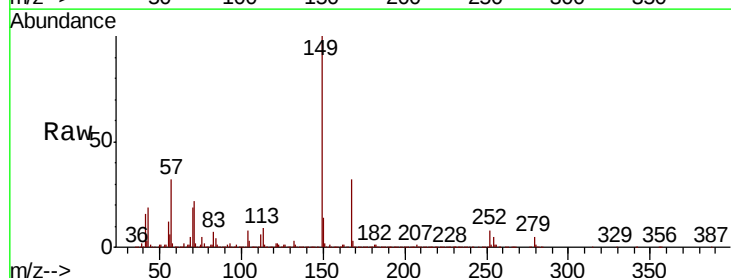
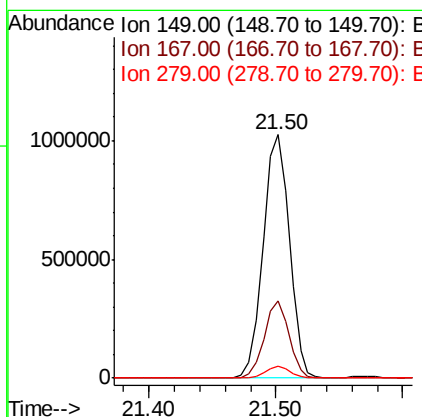
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.239 ng
 RT: 21.50 min Scan# 3134
 Delta R.T. 0.00 min
 Lab File: BG043894.D
 Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.9	24.7	37.1
279	4.7	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 49.629 ng

RT: 22.69 min Scan# 3336

Delta R.T. 0.00 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

Instrument :

BNA_G

ClientSampleId :

GW-1MS

Tot Ion:149 Resp: 2506259

Ion Ratio Lower Upper

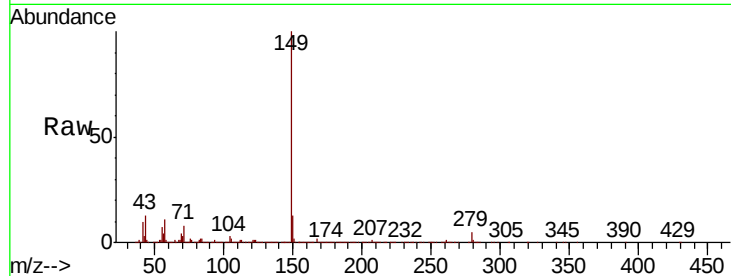
149 100

167 1.8 1.4 2.0

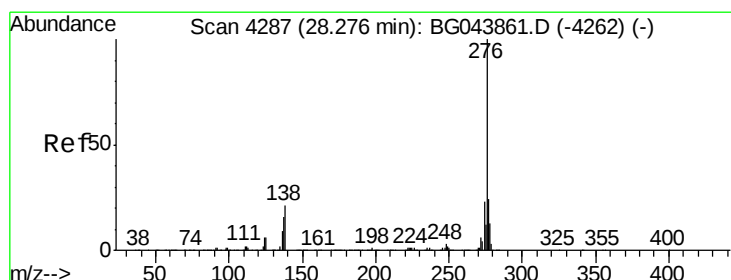
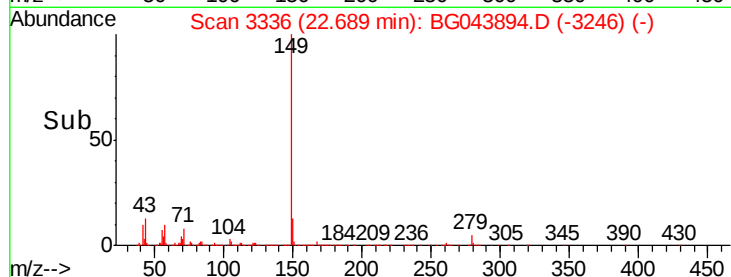
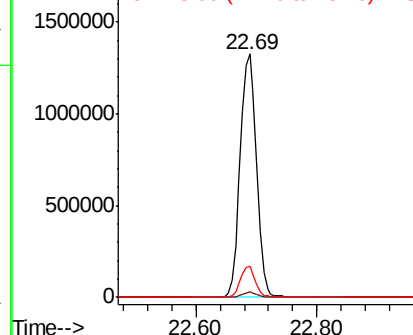
43 11.5 8.8 13.2

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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: 47.912 ng

RT: 28.27 min Scan# 4286

Delta R.T. -0.01 min

Lab File: BG043894.D

Acq: 3 Jan 2020 19:15

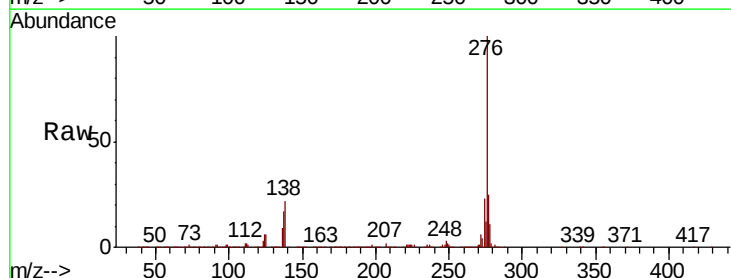
Tgt Ion:276 Resp: 2687506

Ion Ratio Lower Upper

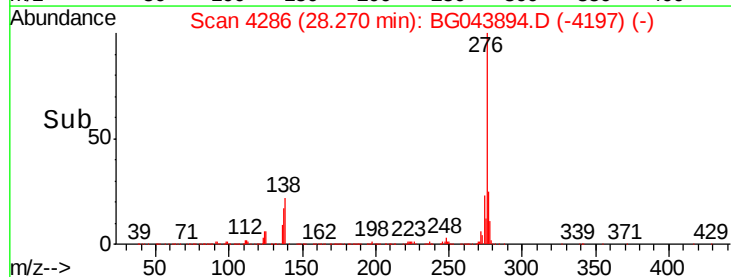
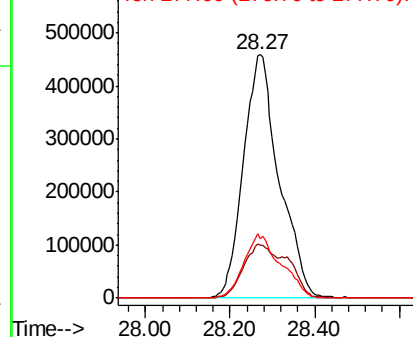
276 100

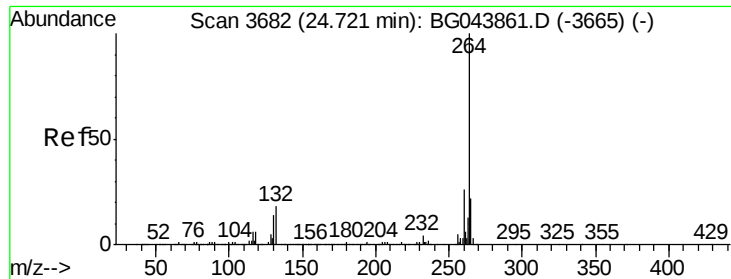
138 19.8 21.0 31.4#

277 27.0 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





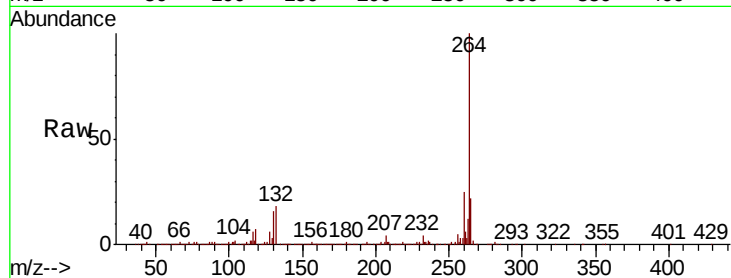
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Instrument :
BNA_G
ClientSampleId :
GW-1MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.4	30.6
265	21.7	17.4	26.2

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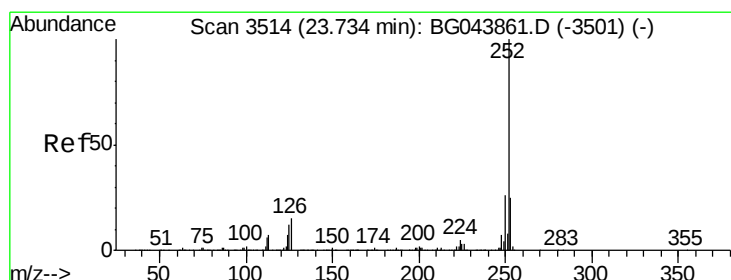
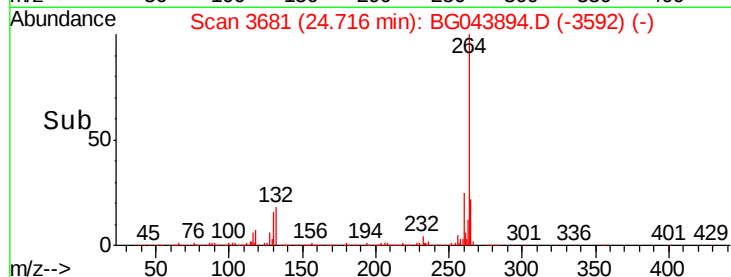
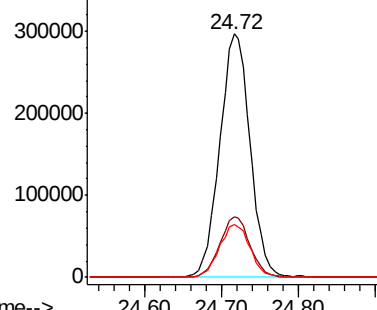


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 46.208 ng
RT: 23.73 min Scan# 3513
Delta R.T. -0.01 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

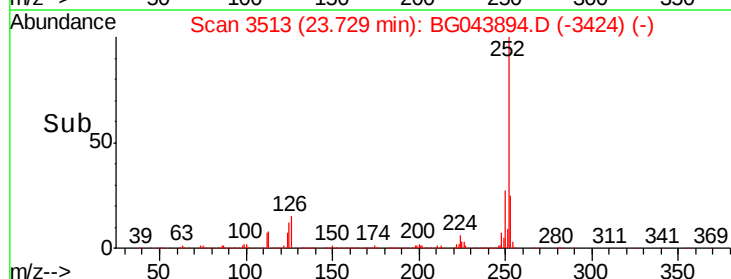
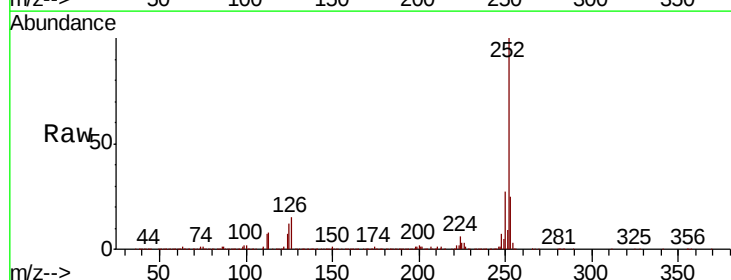
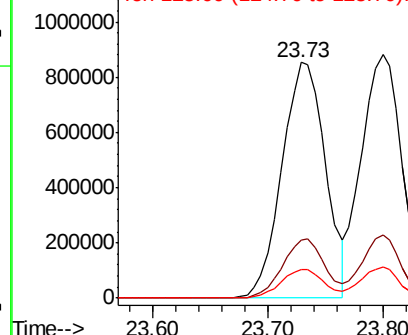
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.7	29.5
125	12.3	9.4	14.2

Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





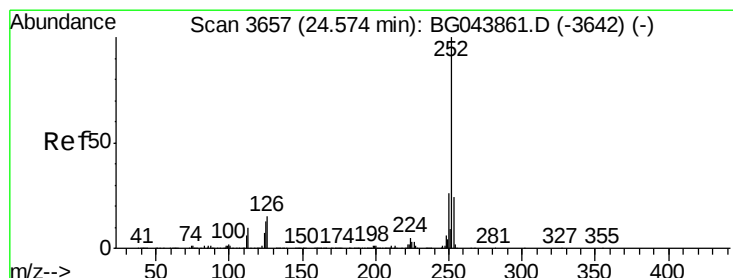
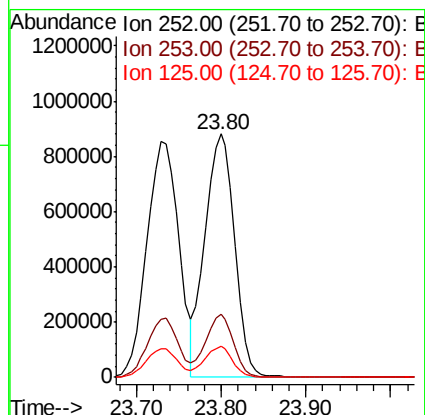
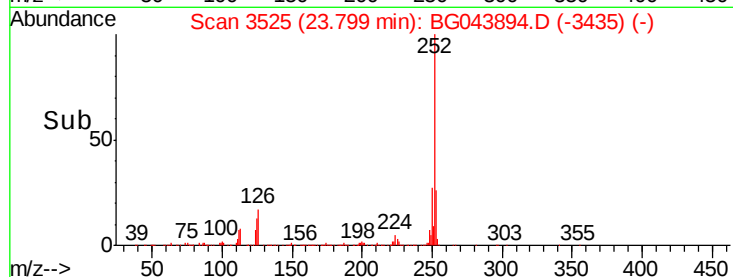
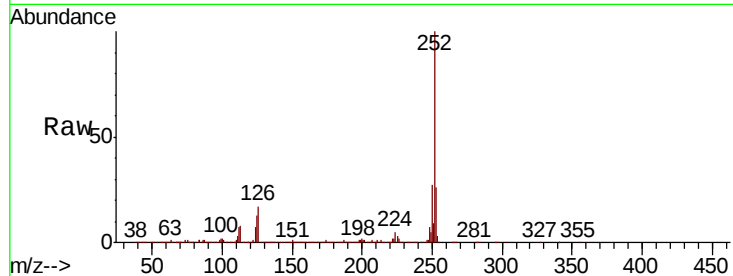
#89
Benzo(k)fluoranthene
Concen: 46.992 ng
RT: 23.80 min Scan# 3525
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Instrument :
BNA_G
ClientSampled :
GW-1MS

Tot Ion:252 Resp: 2158884
Ion Ratio Lower Upper
252 100
253 26.0 19.4 29.2
125 12.8 9.9 14.9

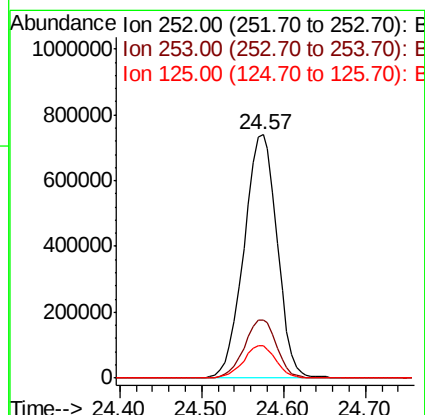
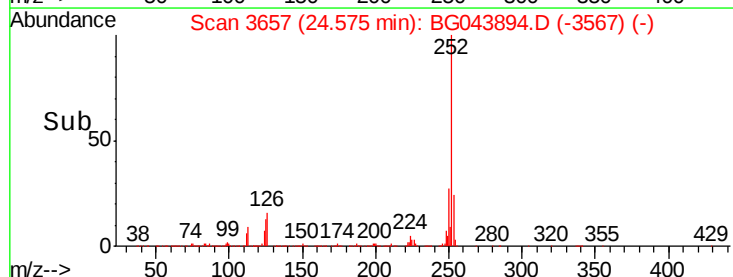
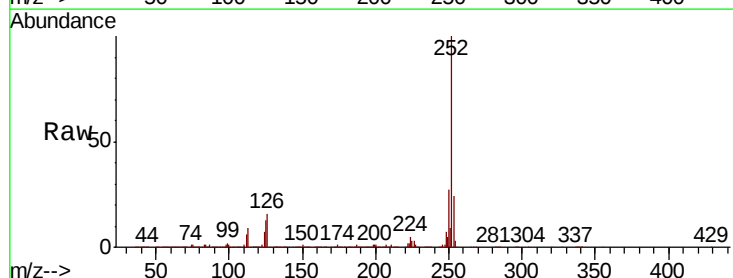
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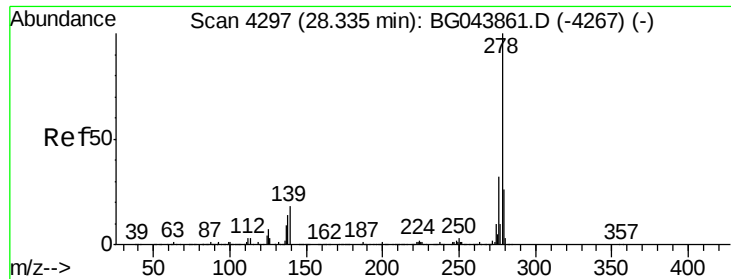
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#90
Benzo(a)pyrene
Concen: 45.722 ng
RT: 24.57 min Scan# 3657
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion:252 Resp: 2084817
Ion Ratio Lower Upper
252 100
253 24.1 19.3 28.9
125 13.1 10.4 15.6





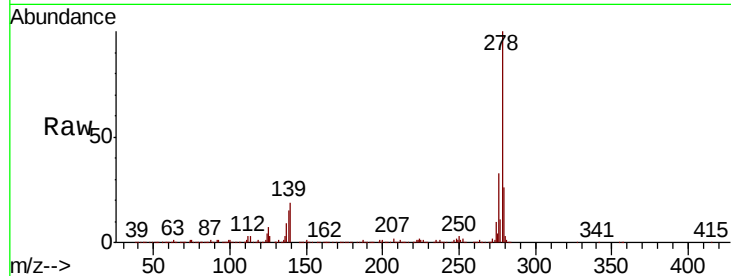
#91
Dibenzo(a,h)anthracene
Concen: 47.953 ng
RT: 28.34 min Scan# 4297
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Instrument :
BNA_G
ClientSampleId :
GW-1MS

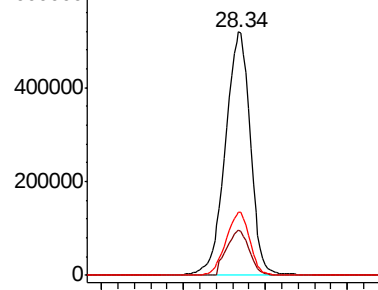
Tot Ion	Ratio	Lower	Upper
278	100		
139	18.8	14.2	21.4
279	25.7	20.6	30.8

Manual Integrations
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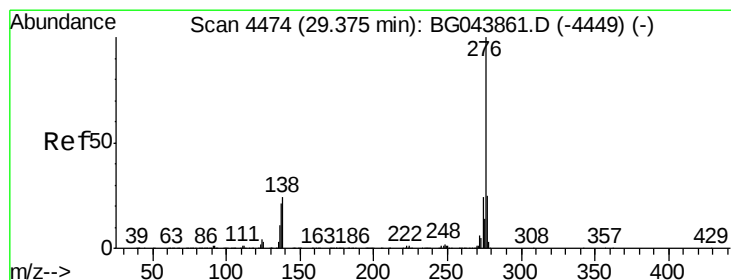
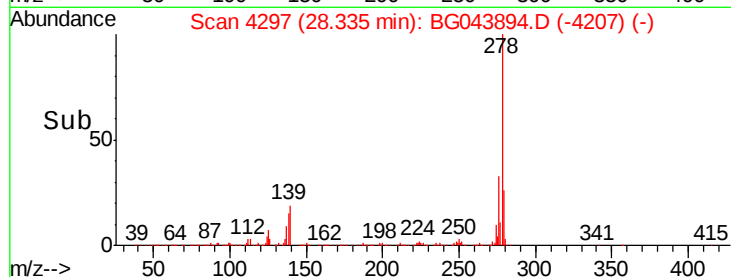
mohammad
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

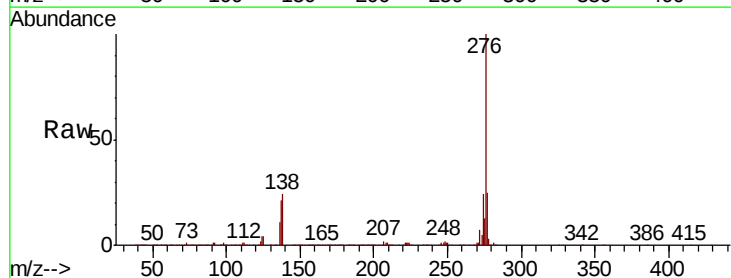


Time--> 28.00 28.20 28.40 28.60

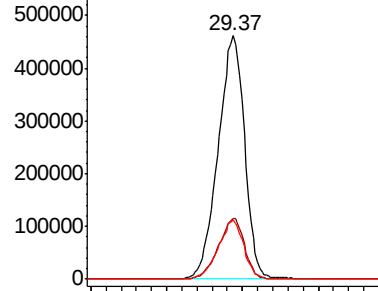


#92
Benzo(g,h,i)perylene
Concen: 49.273 ng
RT: 29.37 min Scan# 4474
Delta R.T. 0.00 min
Lab File: BG043894.D
Acq: 3 Jan 2020 19:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.2	30.4
138	24.2	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



Time--> 29.00 29.20 29.40 29.60

