

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043895.D
 Acq On : 3 Jan 2020 19:54
 Operator : JU
 Sample : K6464-05MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-1MSD

Manual Integrations
 APPROVED

mohammad
 1/6/2020 11:41:48 AM

Quant Time: Jan 04 04:51:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	141819	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	607709	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	407983	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	860757	20.00	ng	0.00
76) Chrysene-d12	21.59	240	719606	20.00	ng	0.00
87) Perylene-d12	24.72	264	833525	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	579554	75.03	ng	0.00
7) Phenol-d6	7.13	99	511409	47.37	ng	0.00
23) Nitrobenzene-d5	9.12	82	1053863	92.77	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	653489	153.06	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2150378	95.49	ng	0.00
79) Terphenyl-d14	19.95	244	2716252	93.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	66469	19.737	ng	97
3) Pyridine	3.83	79	164184	16.503	ng	97
4) n-Nitrosodimethylamine	3.74	42	90766	20.492	ng	93
6) Aniline	7.28	93	220727	15.565	ng	98
8) 2-Chlorophenol	7.53	128	404228	44.579	ng	99
9) Benzaldehyde	7.10	77	340176	49.229	ng	99
10) Phenol	7.15	94	211998	19.058	ng	97
11) bis(2-Chloroethyl)ether	7.38	93	485254	50.536	ng	99
12) 1,3-Dichlorobenzene	7.85	146	436609	41.147	ng	99
13) 1,4-Dichlorobenzene	8.00	146	442887	42.302	ng	99
14) 1,2-Dichlorobenzene	8.32	146	432688	43.057	ng	97
15) Benzyl Alcohol	8.19	79	287148	33.699	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	690521	46.483	ng	99
17) 2-Methylphenol	8.41	107	299587	37.216	ng	100
18) Hexachloroethane	9.05	117	161120	39.550	ng	98
19) n-Nitroso-di-n-propylamine	8.77	70	401624	49.951	ng	97
20) 3+4-Methylphenols	8.74	107	363335	32.355	ng	99
22) Acetophenone	8.78	105	705579	46.702	ng	98
24) Nitrobenzene	9.16	77	546631	48.584	ng	98
25) Isophorone	9.69	82	1082639	50.799	ng	99
26) 2-Nitrophenol	9.88	139	274222	51.516	ng	97
27) 2,4-Dimethylphenol	9.94	122	433310	54.077	ng	97
28) bis(2-Chloroethoxy)methane	10.17	93	686118	48.289	ng	99
29) 2,4-Dichlorophenol	10.41	162	473986	49.591	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	451696	42.148	ng	99
31) Naphthalene	10.82	128	1381272	46.969	ng	99
32) Benzoic acid	10.03	122	80274	16.959	ng	100
33) 4-Chloroaniline	10.91	127	142747	10.177	ng	99
34) Hexachlorobutadiene	11.11	225	246600	37.688	ng	96
35) Caprolactam	11.68	113	31790m	8.935	ng	
36) 4-Chloro-3-methylphenol	12.04	107	483330	47.502	ng	100
37) 2-Methylnaphthalene	12.43	142	1066261	48.160	ng	99
38) 1-Methylnaphthalene	12.64	142	1027292	48.957	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	517026	43.237	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	582268	93.922	nq	97
43) 2,4,6-Trichlorophenol	13.02	196	403268	49.011	nq	99
44) 2,4,5-Trichlorophenol	13.09	196	429862	50.654	nq	99
46) 1,1'-Biphenyl	13.43	154	1384890	47.344	nq	98
47) 2-Chloronaphthalene	13.47	162	1086537	45.967	nq	99
48) 2-Nitroaniline	13.66	65	367373	48.317	nq	98
49) Acenaphthylene	14.32	152	1703347	50.137	nq	98
50) Dimethylphthalate	14.05	163	1510413	52.140	nq	100
51) 2,6-Dinitrotoluene	14.16	165	342286	52.277	nq	98
52) Acenaphthene	14.66	154	1138165	47.771	nq	98
53) 3-Nitroaniline	14.49	138	70853	9.529	nq	# 99
54) 2,4-Dinitrophenol	14.70	184	354022	104.342	nq	98
55) Dibenzofuran	14.99	168	1649502	50.292	nq	98
56) 4-Nitrophenol	14.80	139	240918	42.283	nq	95
57) 2,4-Dinitrotoluene	14.95	165	469574	52.707	nq	97
58) Fluorene	15.64	166	1311176	50.438	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	388643	53.259	nq	98
60) Diethylphthalate	15.42	149	1476541	50.961	nq	98
61) 4-Chlorophenyl-phenylether	15.64	204	695974	49.305	nq	99
62) 4-Nitroaniline	15.66	138	320394	43.636	nq	99
63) Azobenzene	15.93	77	1394144	51.884	nq	98
65) 4,6-Dinitro-2-methylphenol	15.72	198	257116	57.064	nq	99
66) n-Nitrosodiphenylamine	15.85	169	1259216	49.677	nq	99
67) 4-Bromophenyl-phenylether	16.53	248	462043	47.727	nq	99
68) Hexachlorobenzene	16.65	284	480557	46.068	nq	97
69) Atrazine	16.80	200	473938	57.520	nq	98
70) Pentachlorophenol	16.99	266	607944	105.723	nq	99
71) Phenanthrene	17.38	178	2016413	48.840	nq	96
72) Anthracene	17.47	178	2081882	51.023	nq	96
73) Carbazole	17.74	167	1905357	50.553	nq	96
74) Di-n-butylphthalate	18.31	149	2267506	47.121	nq	97
75) Fluoranthene	19.39	202	2239167	47.423	nq	95
77) Benzidine	19.56	184	936776	51.791	nq	98
78) Pyrene	19.75	202	2266052	48.243	nq	96
80) Butylbenzylphthalate	20.64	149	1125733	50.340	nq	98
81) Benzo(a)anthracene	21.57	228	2182144	48.904	nq	97
82) 3,3'-Dichlorobenzidine	21.48	252	423390	24.017	nq	99
83) Chrysene	21.64	228	2081172	49.086	nq	96
84) Bis(2-ethylhexyl)phthalate	21.50	149	1562263	50.630	nq	98
85) Di-n-octyl phthalate	22.68	149	2644905	50.987	nq	98
86) Indeno(1,2,3-cd)pyrene	28.27	276	2879087	49.967	nq	98
88) Benzo(b)fluoranthene	23.73	252	2386588	48.433	nq	98
89) Benzo(k)fluoranthene	23.80	252	2305270	49.197	nq	97
90) Benzo(a)pyrene	24.58	252	2215359	47.634	nq	99
91) Dibenzo(a,h)anthracene	28.33	278	2355647	50.434	nq	99
92) Benzo(g,h,i)perylene	29.38	276	2390151	51.517	nq	98

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

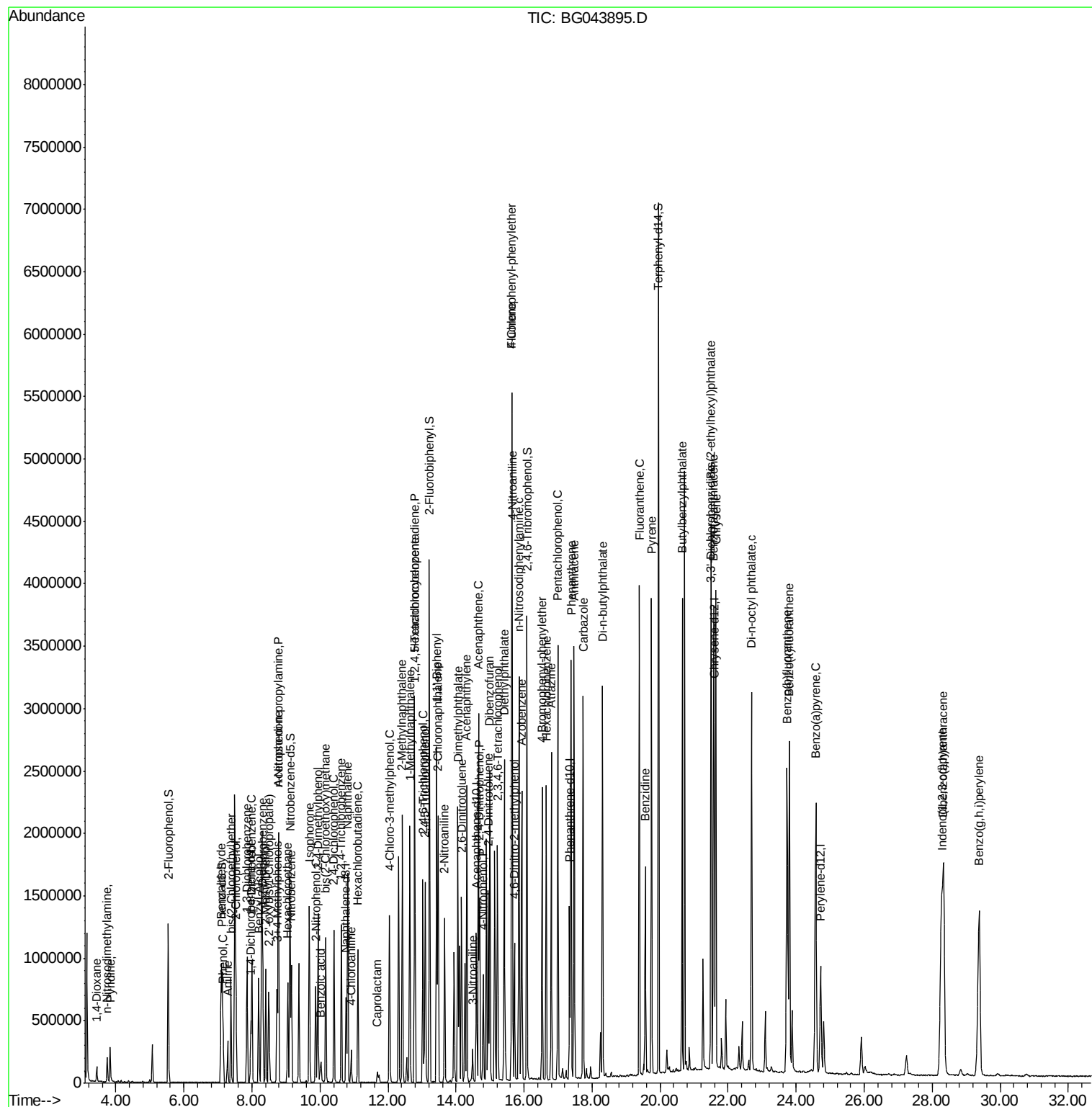
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#1

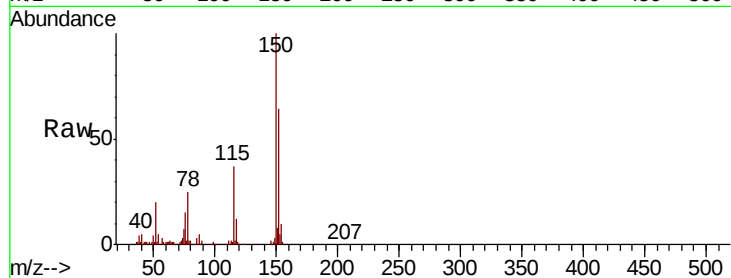
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Instrument :
BNA_G
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	127.0	190.4
115	56.9	47.8	71.8

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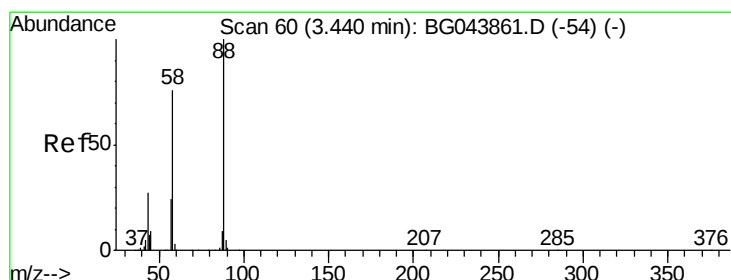
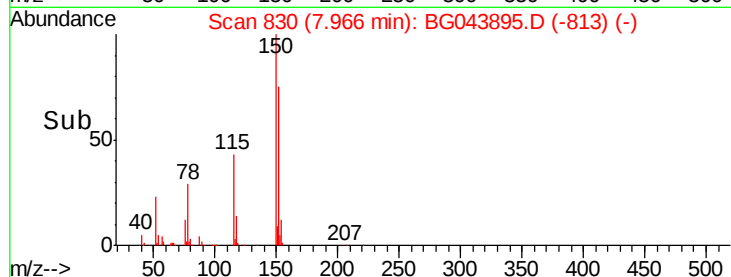
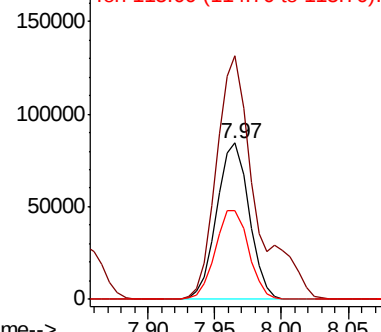


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

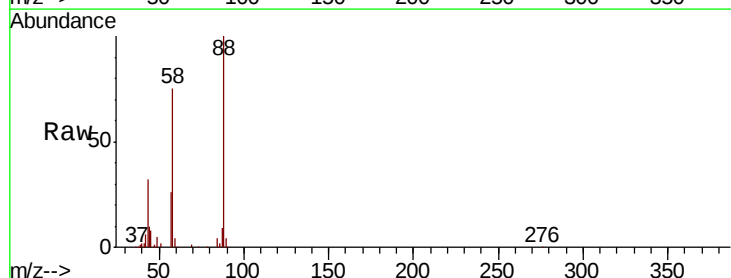
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 19.737 ng
RT: 3.44 min Scan# 59
Delta R.T. -0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.6	59.8	89.8
43	30.6	22.9	34.3

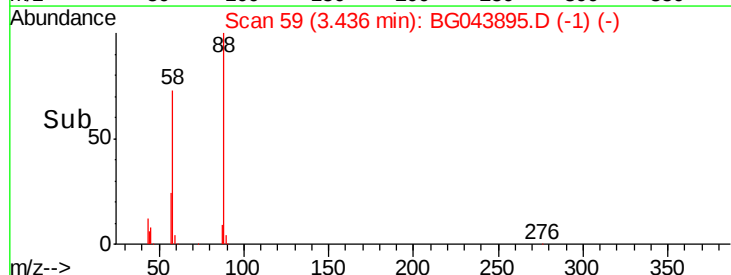
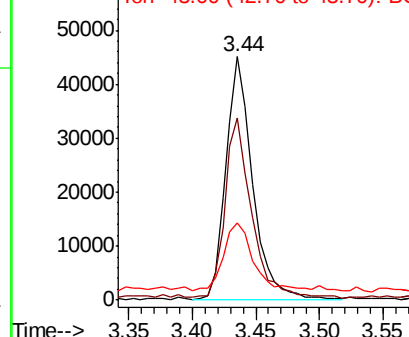


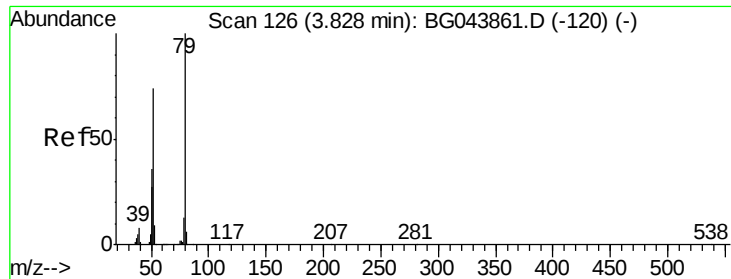
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 16.503 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Instrument :

BNA_G

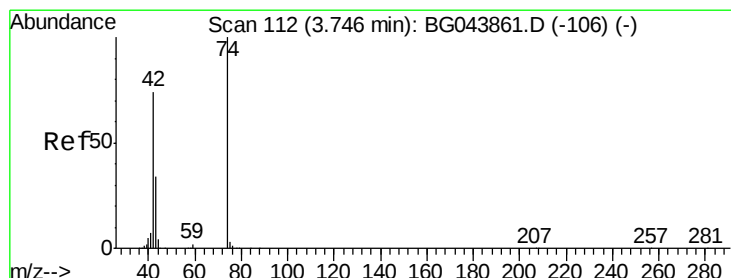
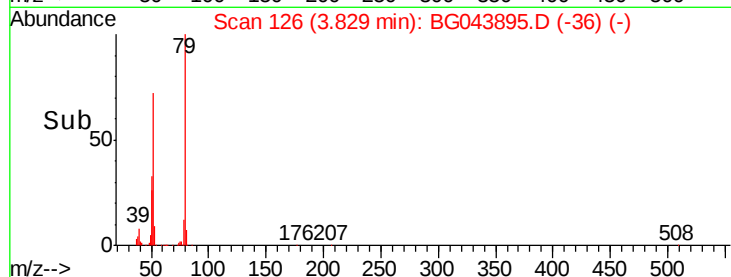
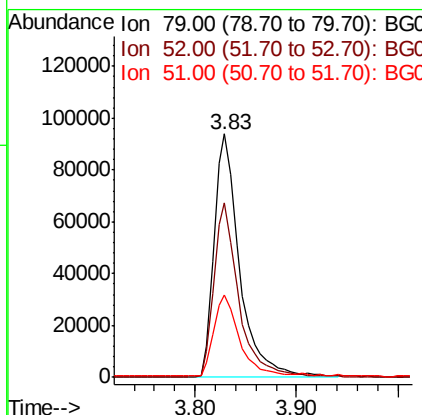
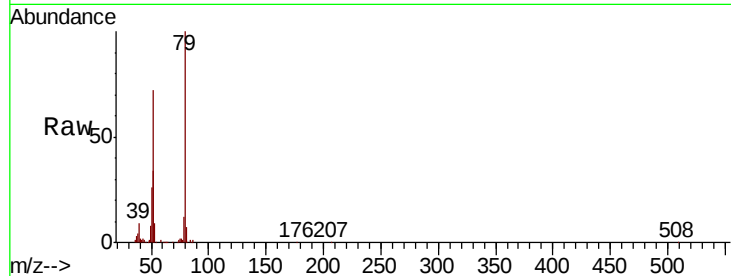
ClientSampleId :

GW-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		164184		
52	71.5	58.9	88.3		
51	34.0	28.6	43.0		

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#4

n-Nitrosodimethylamine

Concen: 20.492 ng

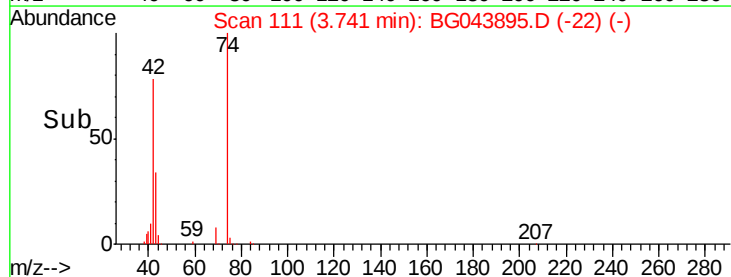
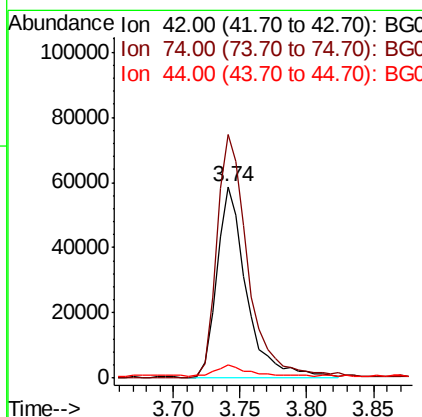
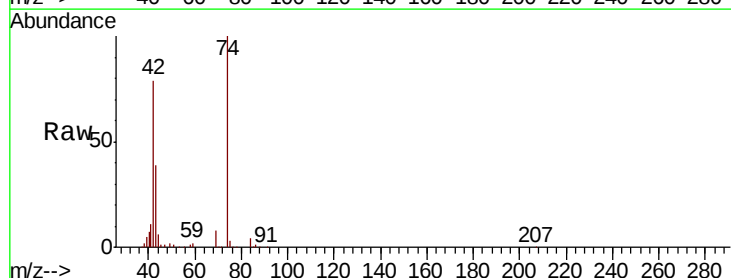
RT: 3.74 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		90766		
74	127.3	108.6	162.8		
44	7.1	5.0	7.6		





#5

2-Fluorophenol

Concen: 75.034 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Instrument :

BNA_G

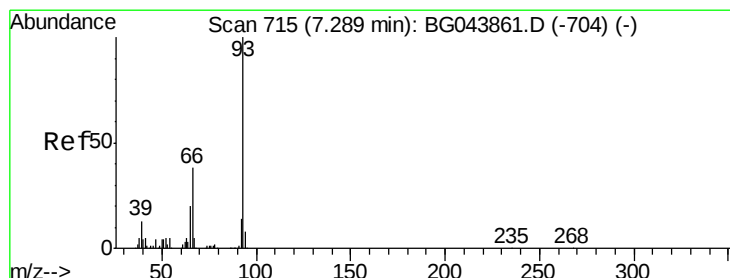
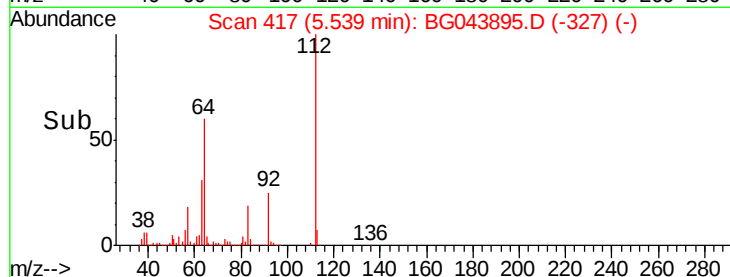
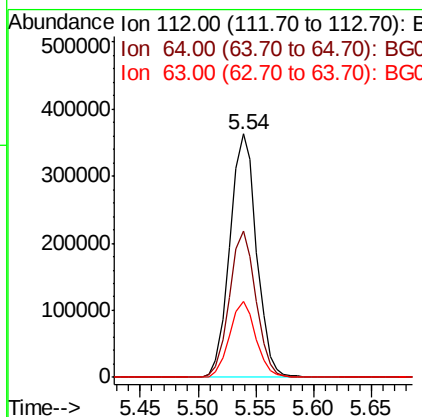
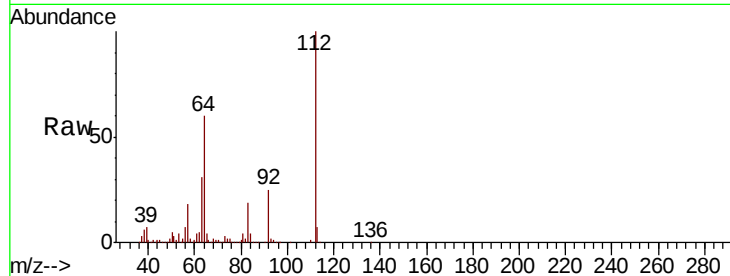
ClientSampleId :

GW-1MSD

Tot Ion:	112	Resp:	579554
Ion Ratio	Lower	Upper	
112	100		
64	60.3	47.8	71.6
63	31.1	24.3	36.5

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#6

Aniline

Concen: 15.565 ng

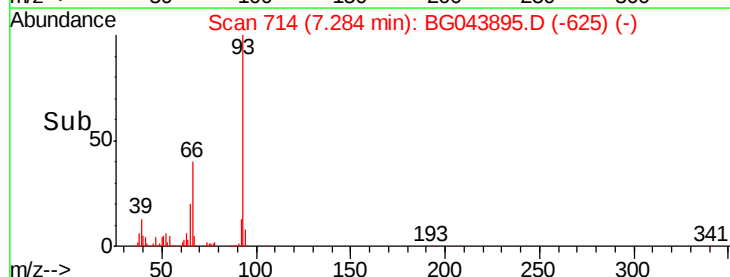
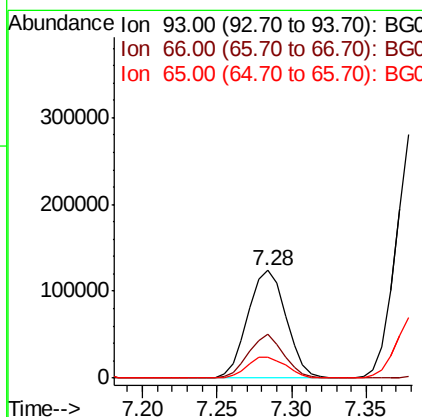
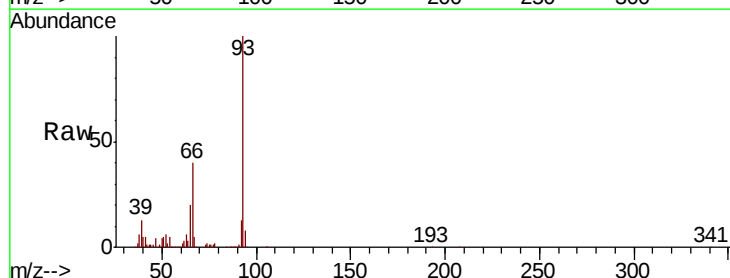
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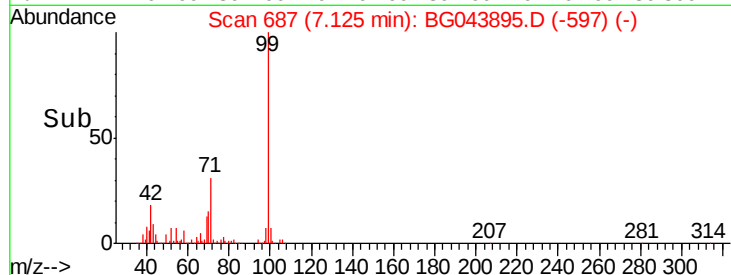
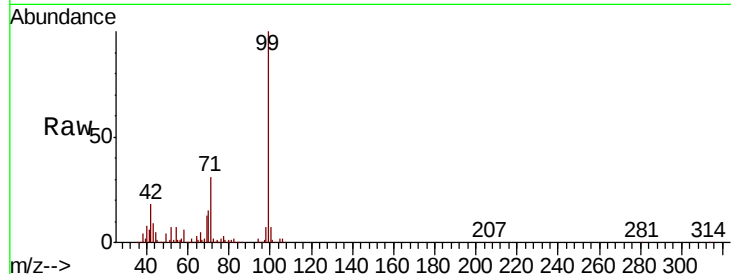
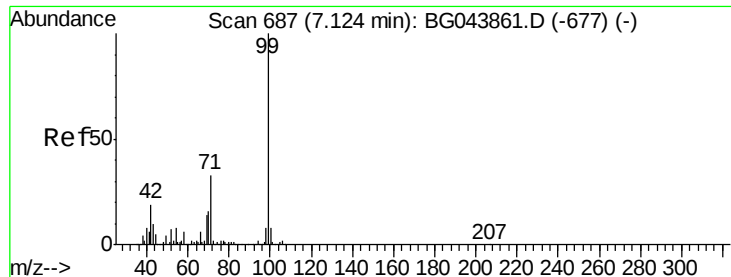
Delta R.T. -0.00 min

Lab File: BG043895.D

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Tgt Ion:	93	Resp:	220727
Ion Ratio	Lower	Upper	
93	100		
66	40.4	30.8	46.2
65	19.7	16.0	24.0





#7

Phenol-d6

Concen: 47.368 ng

RT: 7.13 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Tot Ion:	99	Resp:	511409
Ion Ratio	Lower	Upper	
99	100		
42	18.4	14.9	22.3
71	31.0	26.4	39.6

Instrument :

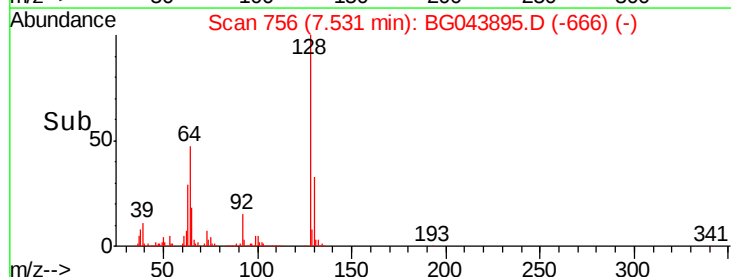
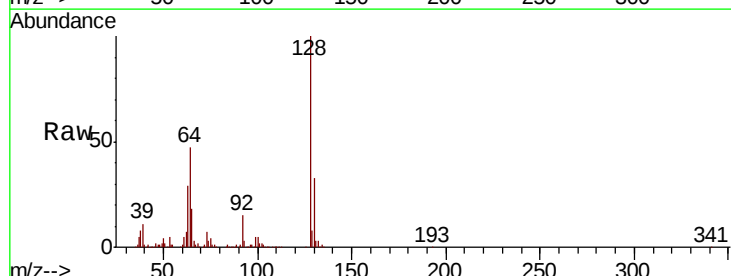
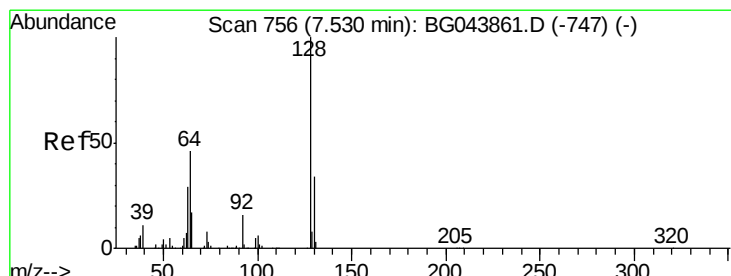
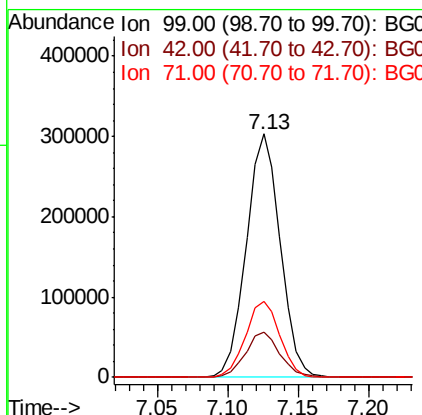
BNA_G

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#8

2-Chlorophenol

Concen: 44.579 ng

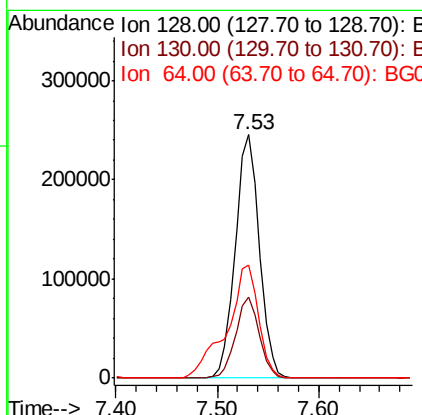
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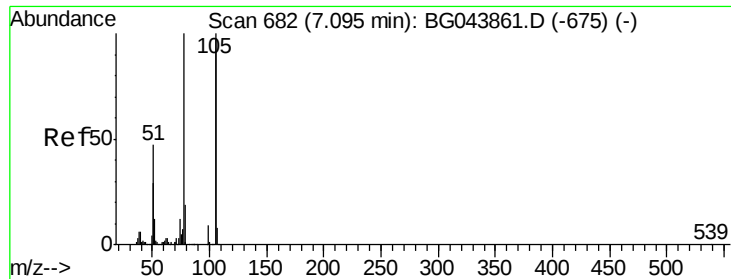
Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Tgt Ion:	128	Resp:	404228
Ion Ratio	Lower	Upper	
128	100		
130	33.0	13.8	53.8
64	46.6	27.6	67.6





#9

Benzaldehyde

Concen: 49.229 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Instrument :

BNA_G

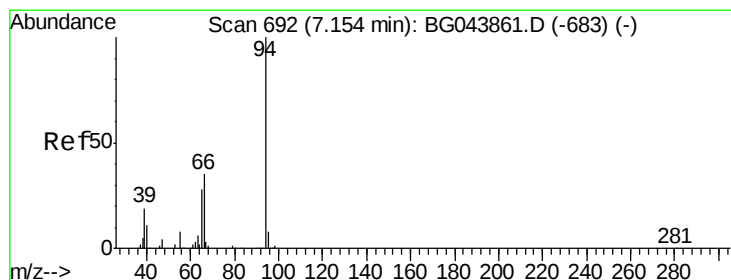
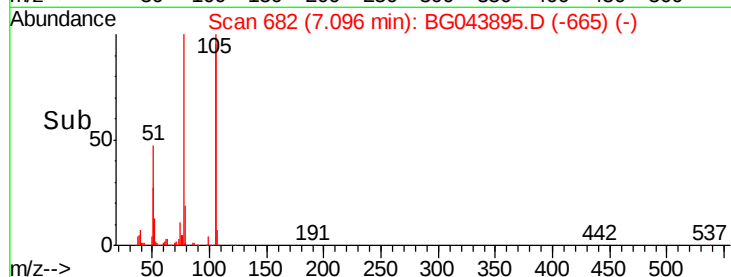
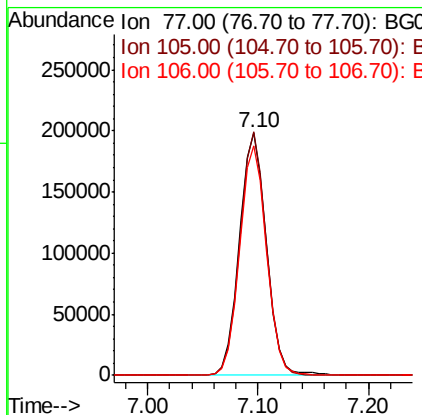
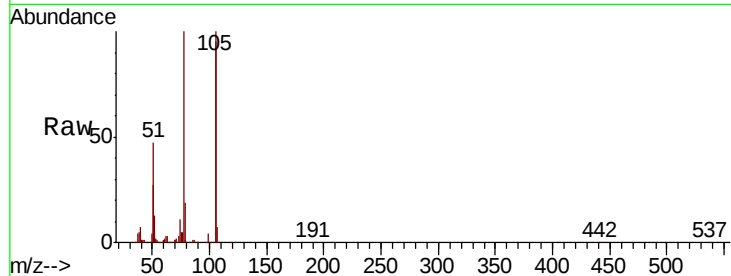
ClientSampleID :

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Tot Ion	Ratio	Lower	Upper
77	100		
105	100.3	80.2	120.2
106	94.8	77.2	117.2

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#10

Phenol

Concen: 19.058 ng

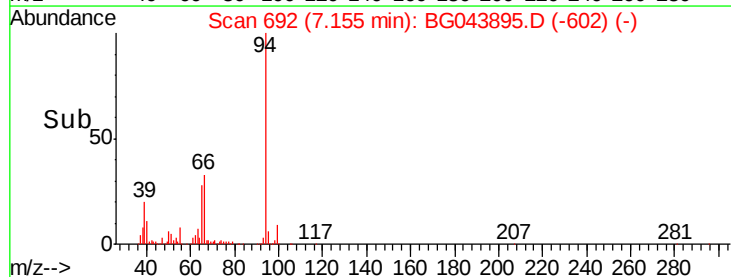
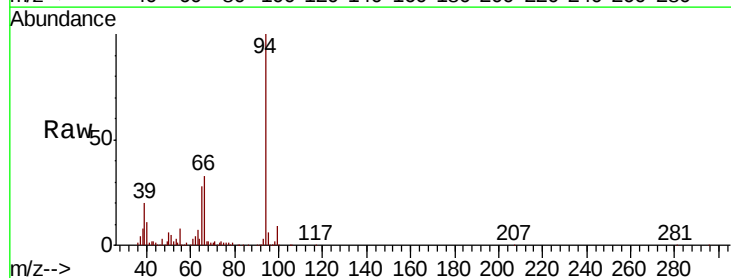
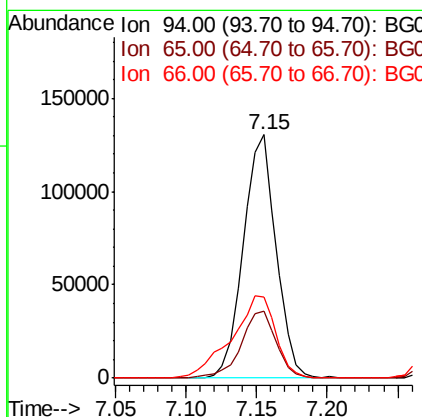
RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.7	8.1	48.1
66	33.1	15.6	55.6





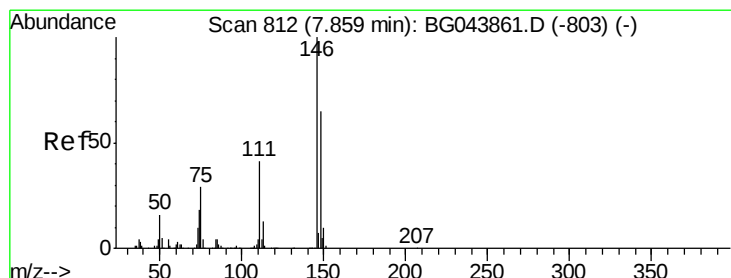
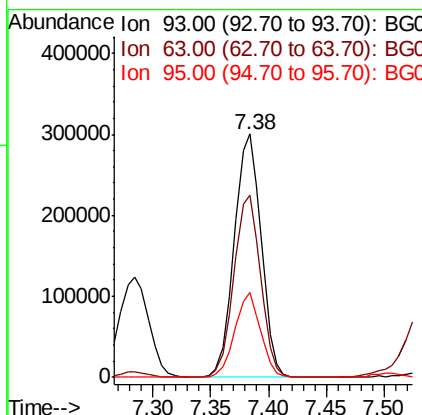
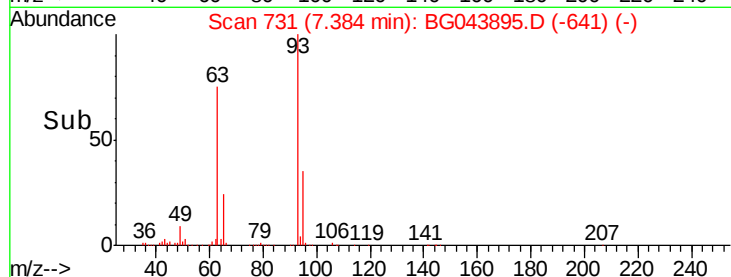
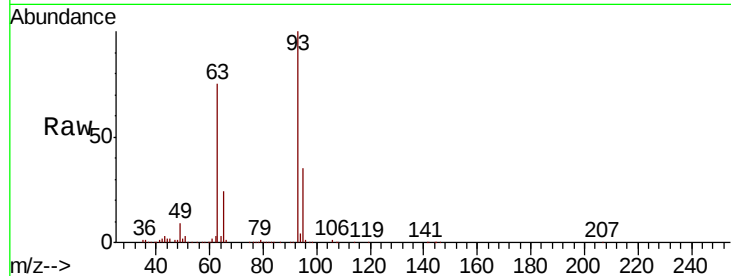
#11
bis(2-Chloroethyl)ether
Concen: 50.536 ng
RT: 7.38 min Scan# 731
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Instrument :
BNA_G
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	485254		
63	75.0		55.0	95.0
95	35.1		13.3	53.3

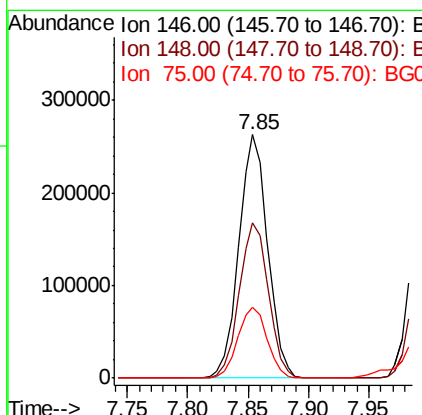
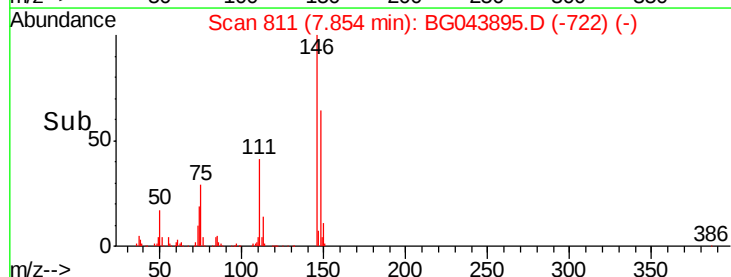
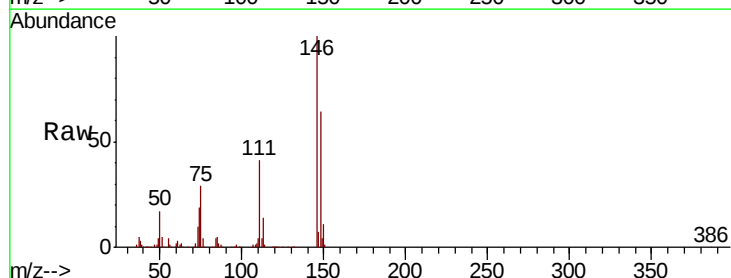
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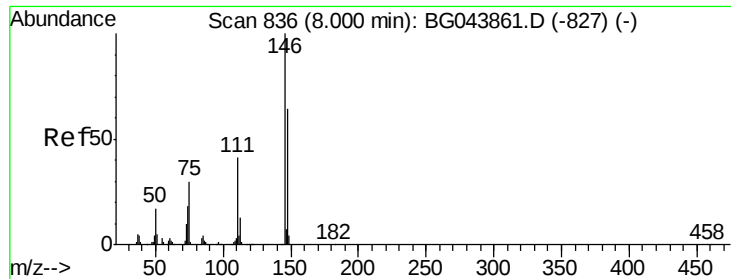
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#12
1,3-Dichlorobenzene
Concen: 41.147 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	436609		
148	63.7		52.1	78.1
75	28.8		23.0	34.4





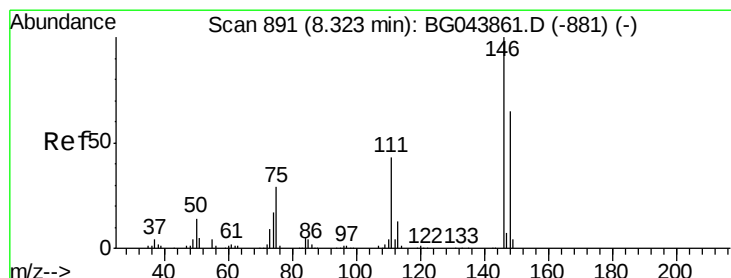
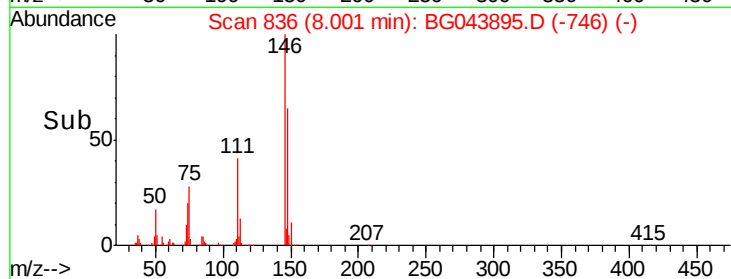
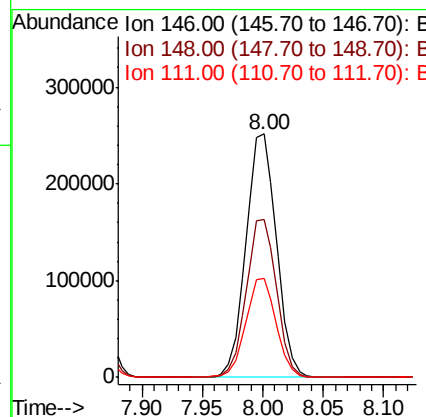
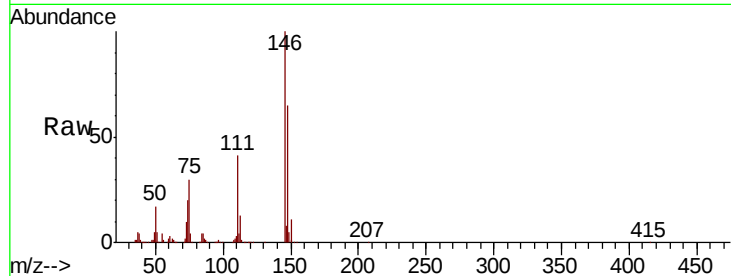
#13
 1,4-Dichlorobenzene
 Concen: 42.302 ng
 RT: 8.00 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BG043895.D
 Acq: 3 Jan 2020 19:54

Instrument :
 BNA_G
 ClientSampleId :
 GW-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.2	76.8
111	40.6	33.1	49.7

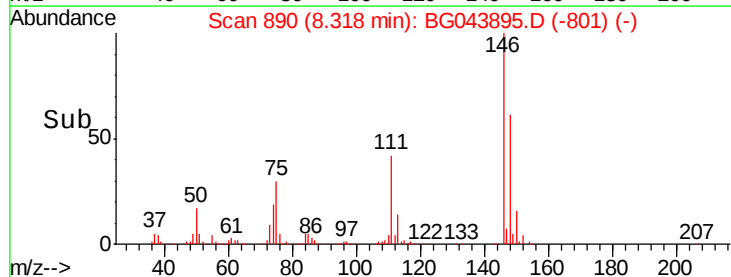
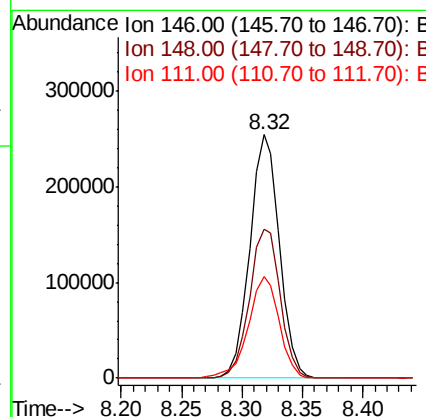
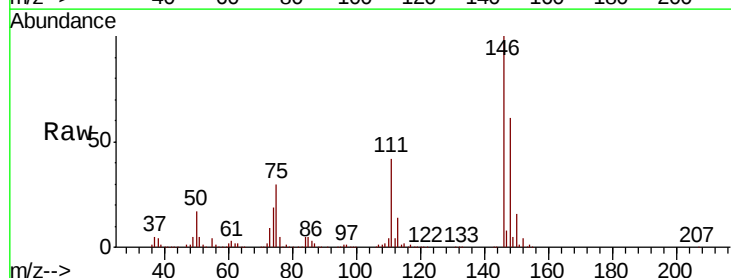
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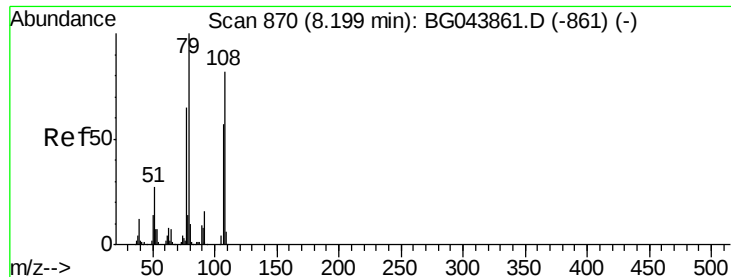
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#14
 1,2-Dichlorobenzene
 Concen: 43.057 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BG043895.D
 Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.3	51.7	77.5
111	41.6	34.4	51.6





#15

Benzyl Alcohol

Concen: 33.699 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Instrument :

BNA_G

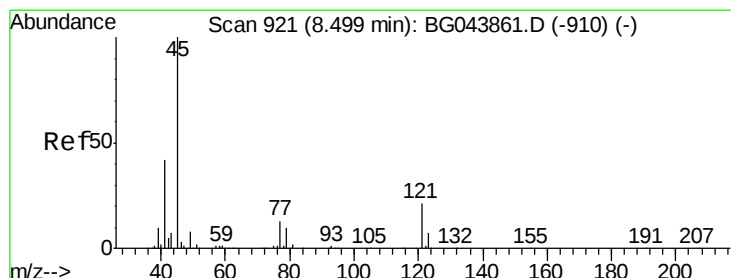
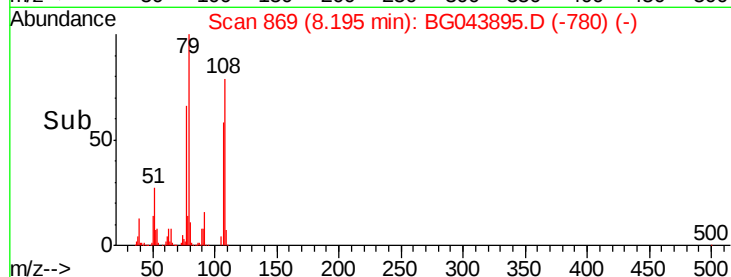
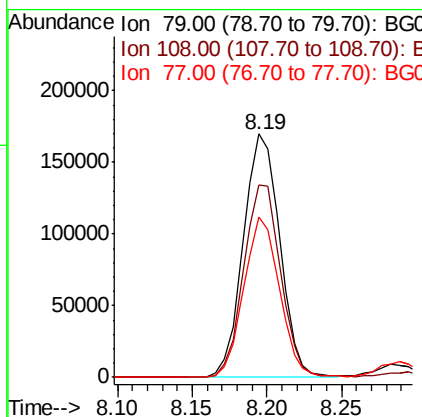
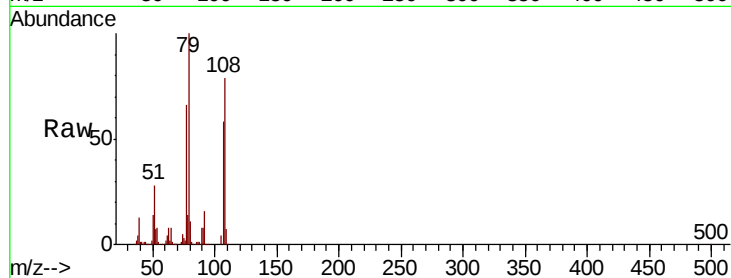
ClientSampleId :

GW-1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.9	65.6	98.4
77	65.8	52.0	78.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 46.483 ng

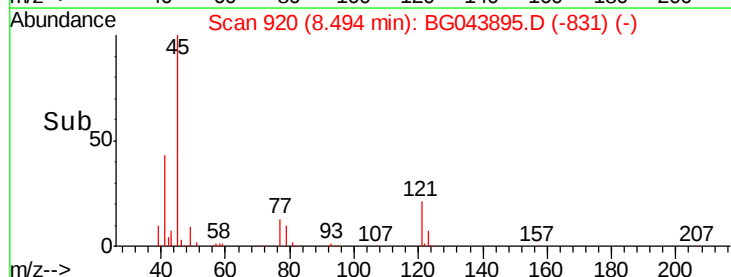
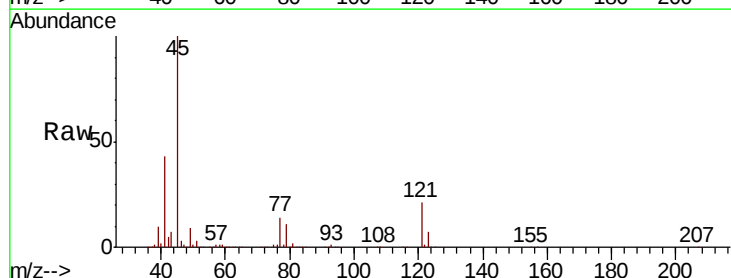
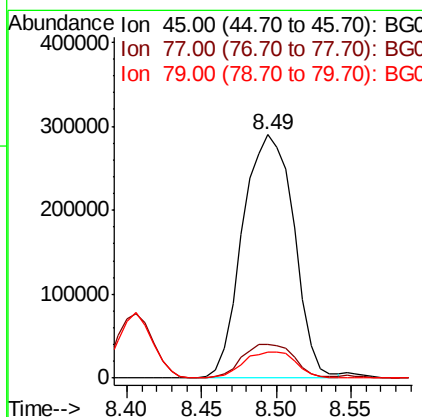
RT: 8.49 min Scan# 920

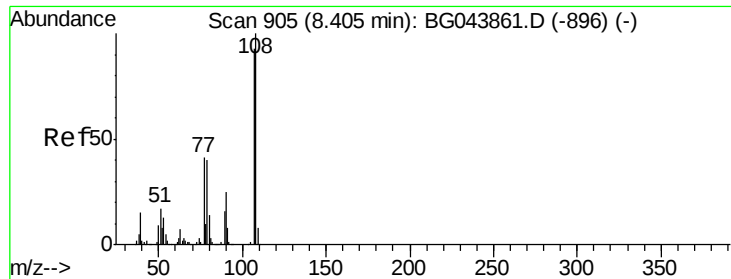
Delta R.T. -0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	33.8
79	10.9	0.0	31.0





#17

2-Methylphenol

Concen: 37.216 ng

RT: 8.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Instrument :

BNA_G

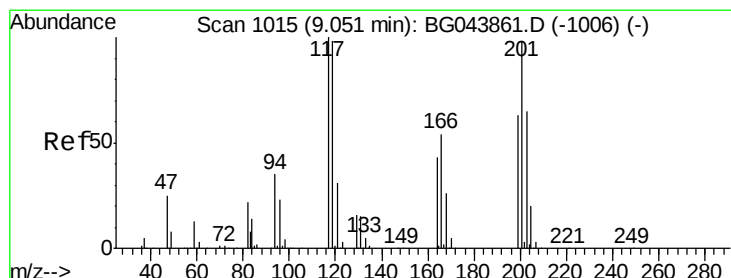
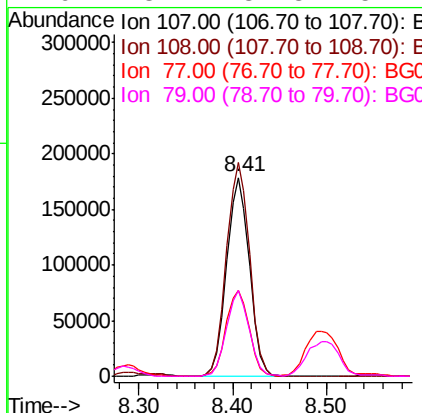
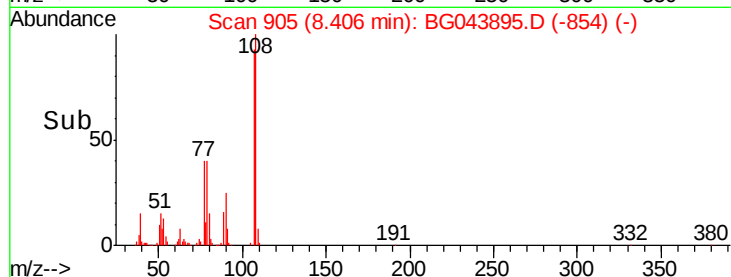
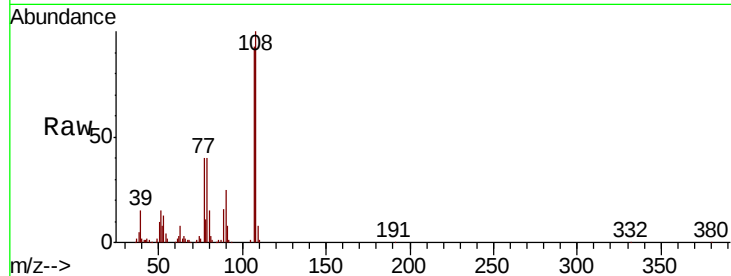
ClientSampleId :

GW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.5	86.1	129.1	
77	43.1	35.4	53.0	
79	43.4	34.8	52.2	

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#18

Hexachloroethane

Concen: 39.550 ng

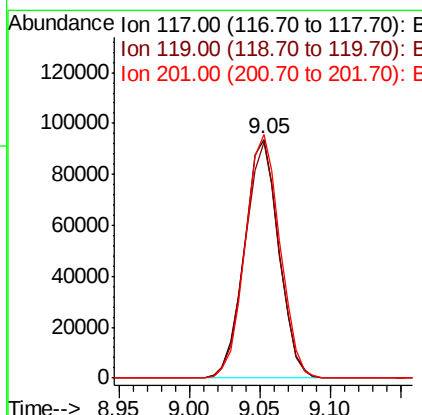
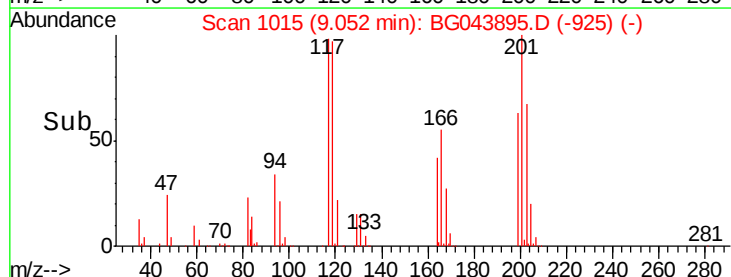
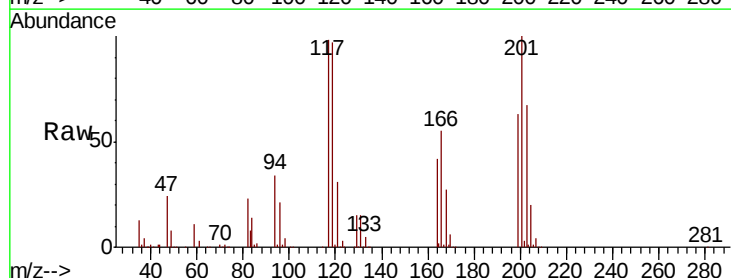
RT: 9.05 min Scan# 1015

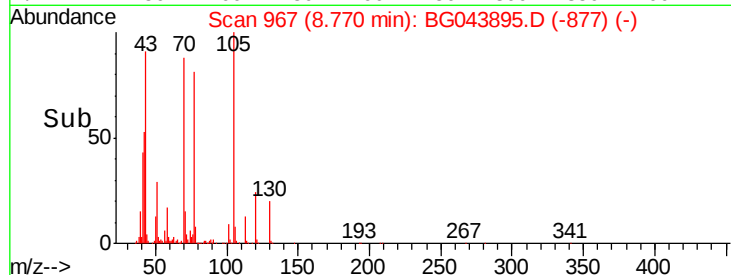
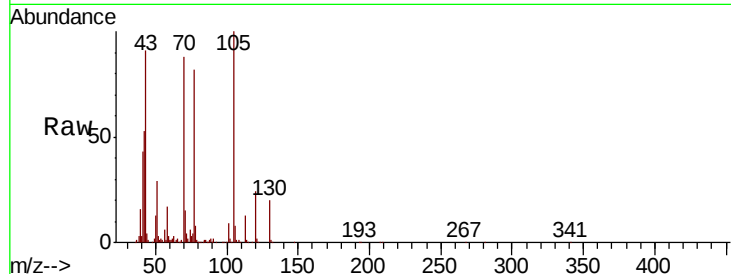
Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.8	78.1	117.1	
201	101.9	78.6	117.8	





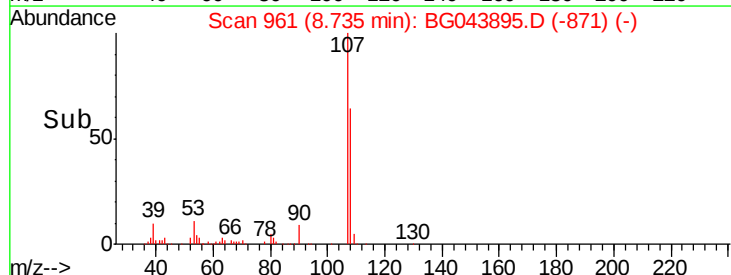
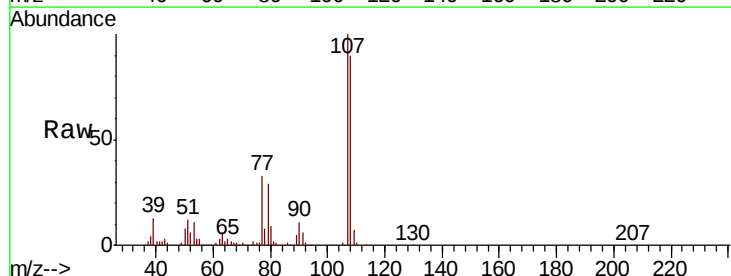
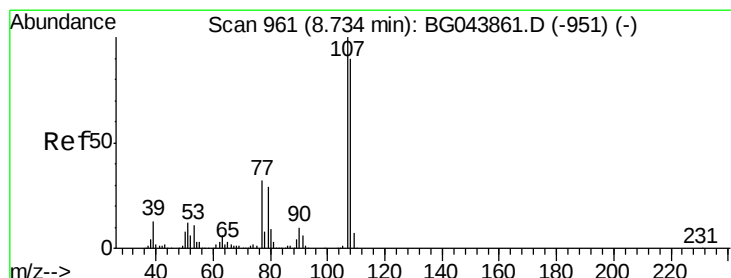
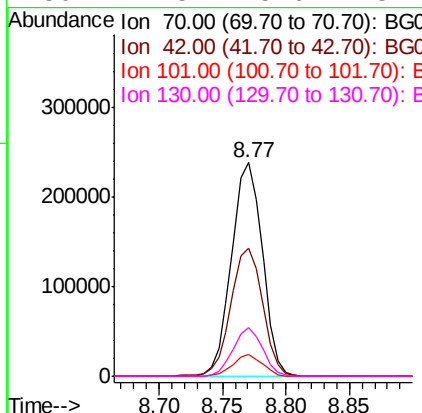
#19
n-Nitroso-di-n-propylamine
Concen: 49.951 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Instrument :
BNA_G
ClientSampleId :
GW-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
401624	70	100		
	42	59.9	47.0	70.4
	101	10.1	7.2	10.8
	130	22.5	15.6	23.4

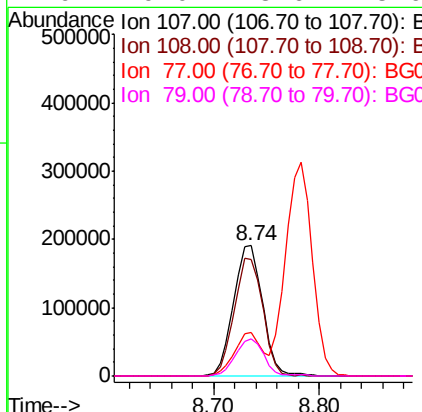
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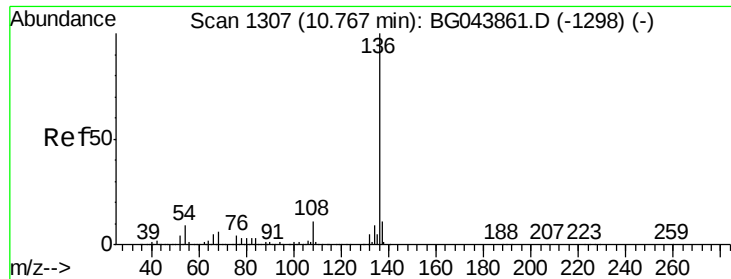
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#20
3+4-Methylphenols
Concen: 32.355 ng
RT: 8.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion	Ion	Ratio	Lower	Upper
363335	107	100		
	108	89.7	70.3	110.3
	77	33.3	12.4	52.4
	79	29.0	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Instrument :

BNA_G

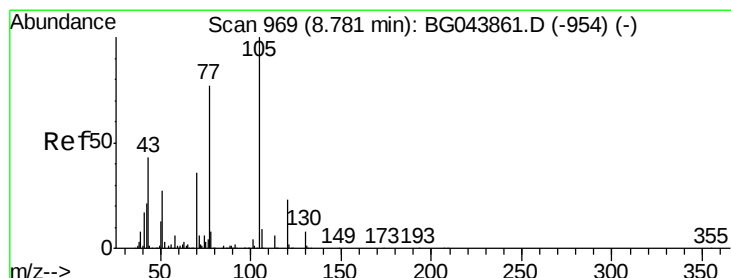
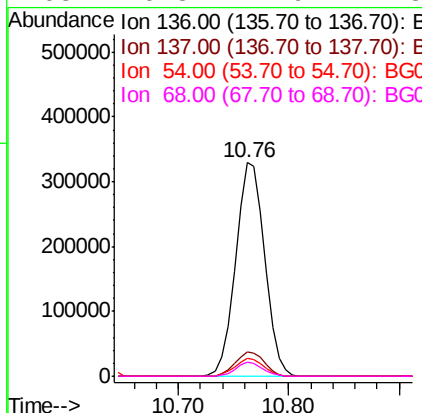
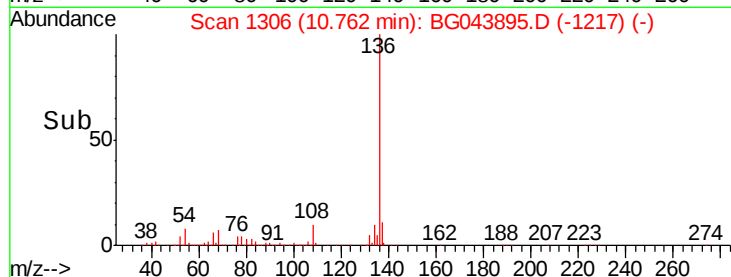
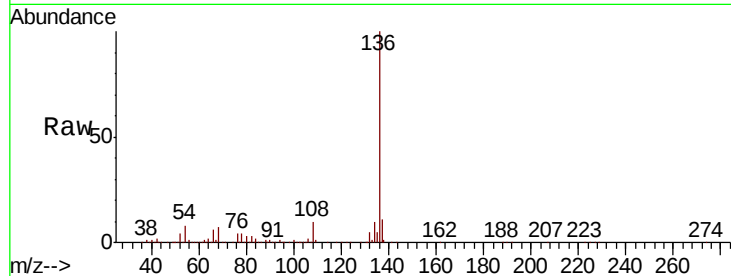
ClientSampleId :

GW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	607709		
137	11.4		8.8	13.2
54	8.2		7.0	10.4
68	6.8		4.9	7.3

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#22

Acetophenone

Concen: 46.702 ng

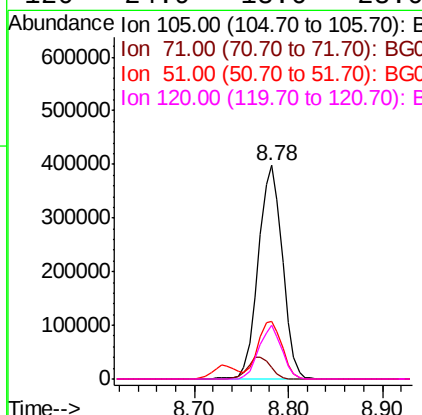
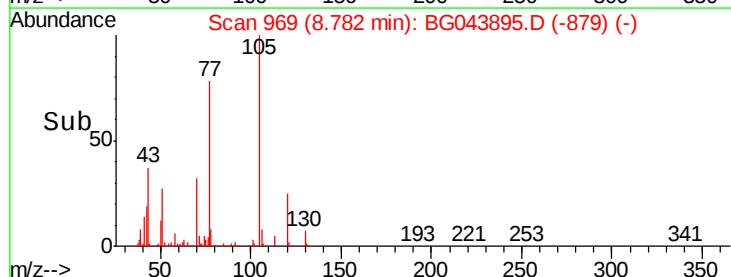
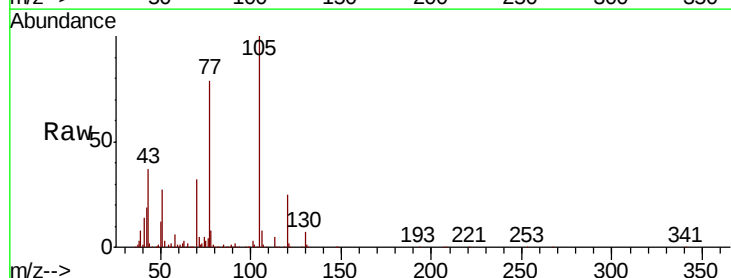
RT: 8.78 min Scan# 969

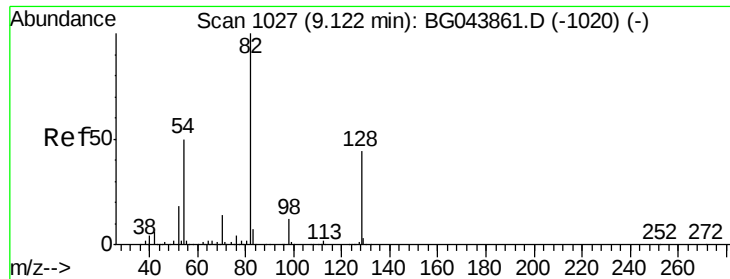
Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	705579		
71	5.2		4.8	7.2
51	26.9		21.4	32.0
120	24.9		18.6	28.0





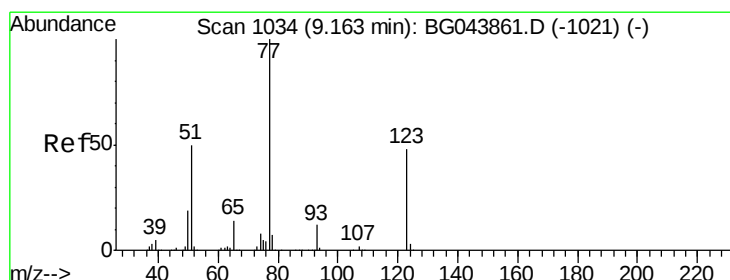
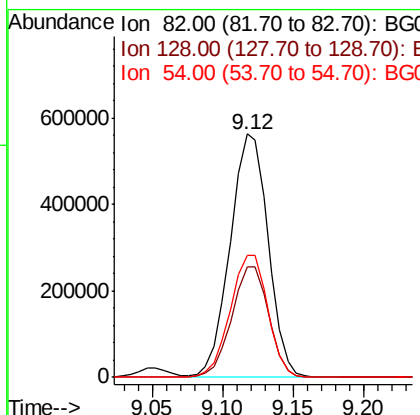
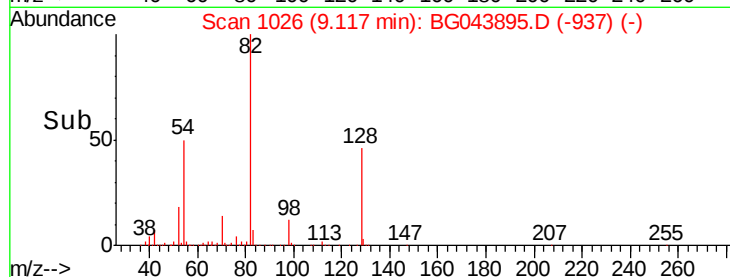
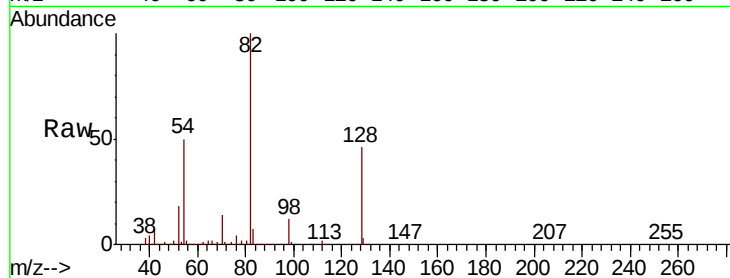
#23
 Nitrobenzene-d5
 Concen: 92.770 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG043895.D
 Acq: 3 Jan 2020 19:54

Instrument :
 BNA_G
 ClientSampleId :
 GW-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.1	52.7
54	50.1	40.1	60.1

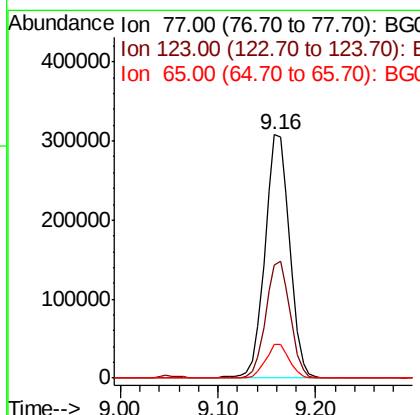
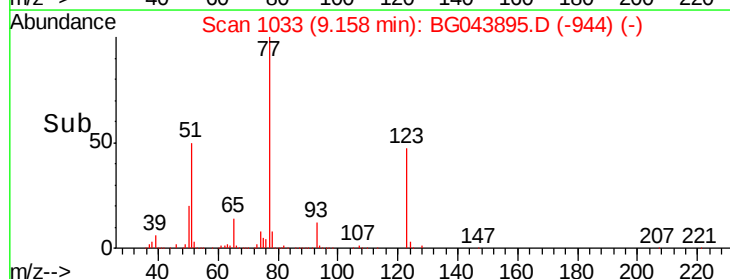
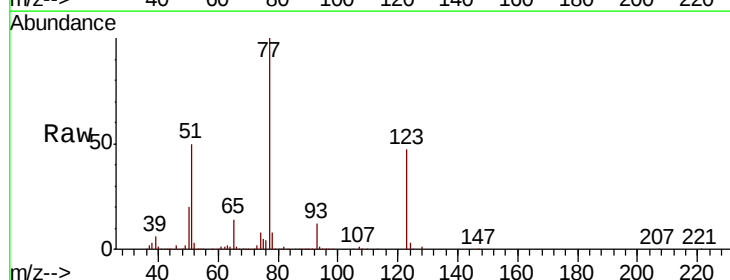
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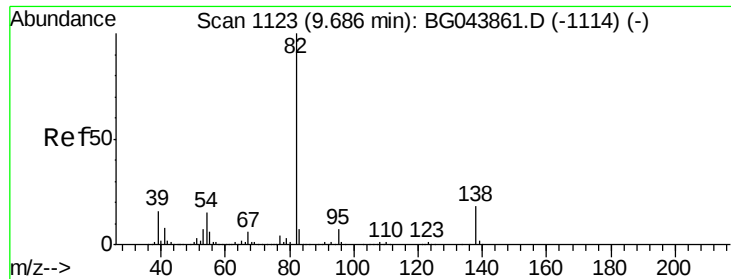
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#24
 Nitrobenzene
 Concen: 48.584 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BG043895.D
 Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	38.7	58.1
65	13.6	11.1	16.7





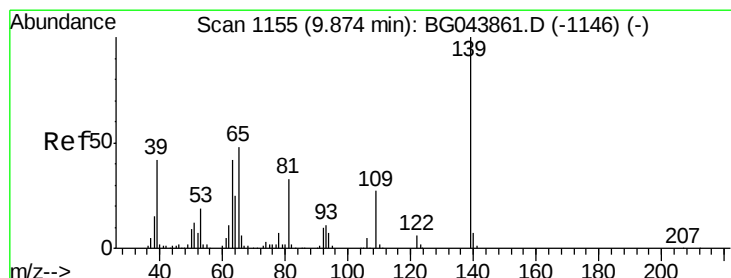
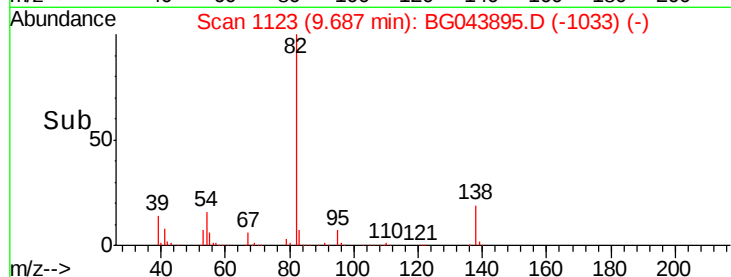
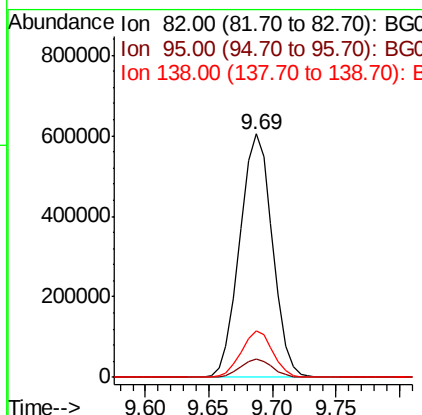
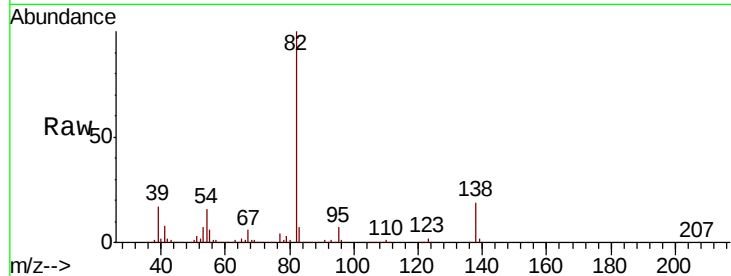
#25
Isophorone
Concen: 50.799 ng
RT: 9.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Instrument :
BNA_G
ClientSampleId :
GW-1MSD

Tot Ion: 82 Resp: 1082639
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 19.1 14.6 22.0

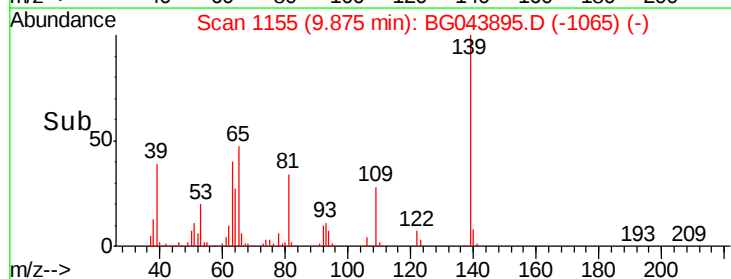
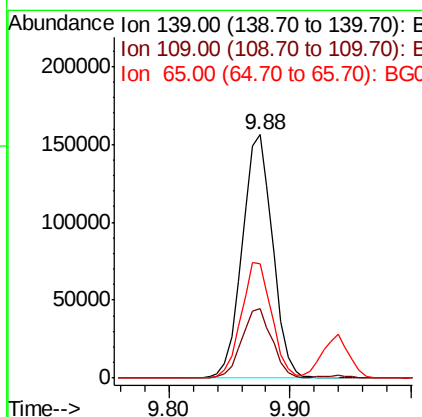
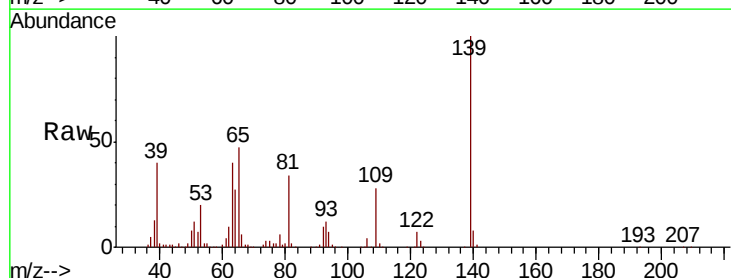
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#26
2-Nitrophenol
Concen: 51.516 ng
RT: 9.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion: 139 Resp: 274222
Ion Ratio Lower Upper
139 100
109 28.5 21.3 31.9
65 46.9 38.6 57.8





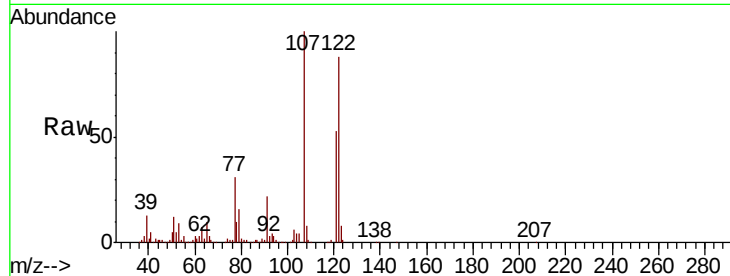
#27
 2,4-Dimethylphenol
 Concen: 54.077 ng
 RT: 9.94 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BG043895.D
 Acq: 3 Jan 2020 19:54

Instrument :
 BNA_G
 ClientSampleId :
 GW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	433310		
107	113.3	88.0	132.0	
121	60.1	49.0	73.4	

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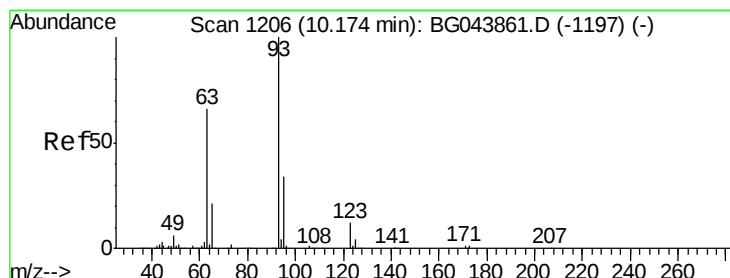
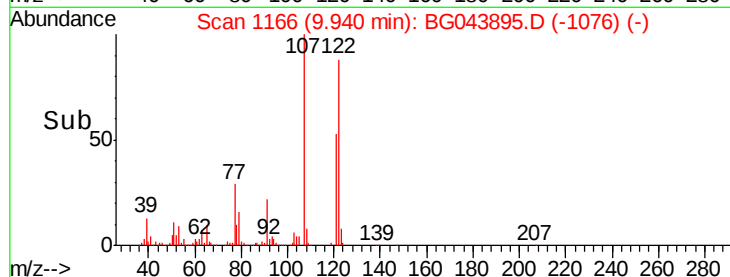
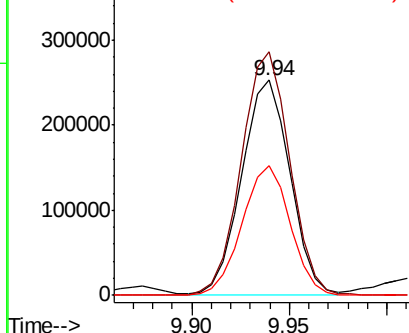


Abundance

Ion 122.00 (121.70 to 122.70): E

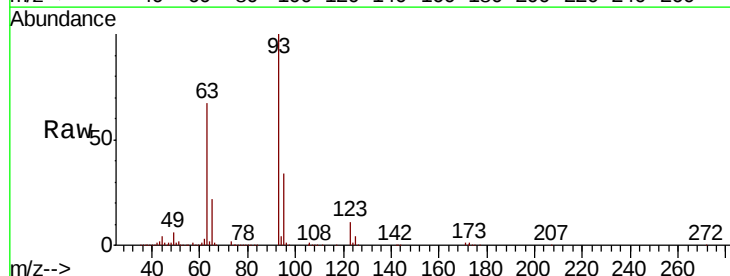
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.289 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BG043895.D
 Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	686118		
95	34.3	27.2	40.8	
123	11.4	9.7	14.5	

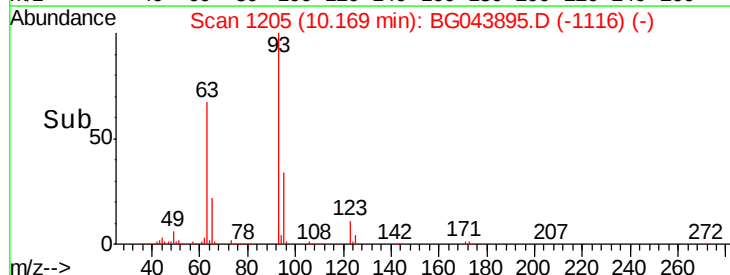
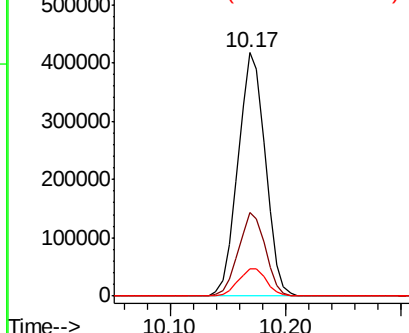


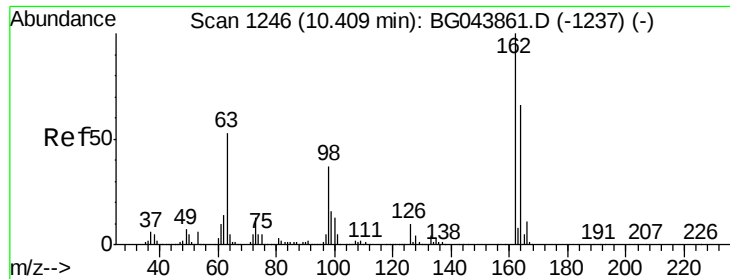
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





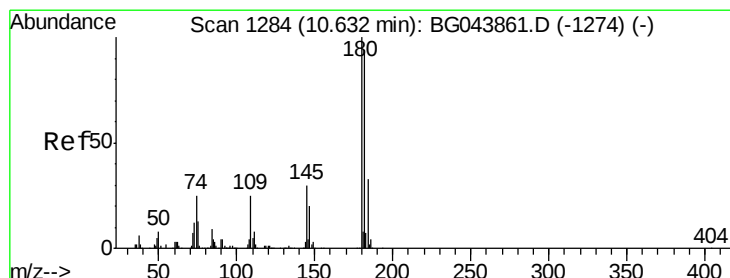
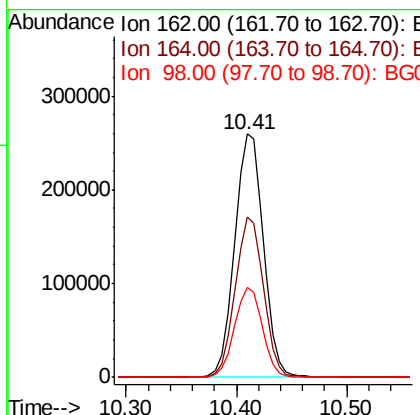
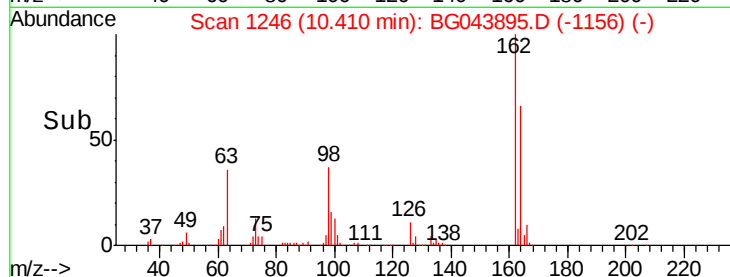
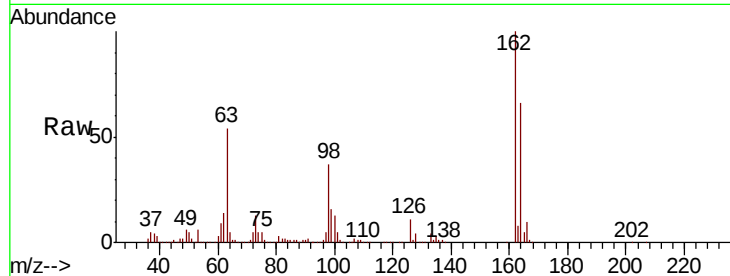
#29
2,4-Dichlorophenol
Concen: 49.591 ng
RT: 10.41 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Instrument :
BNA_G
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	473986		
164	65.6	46.3	86.3	
98	37.2	17.3	57.3	

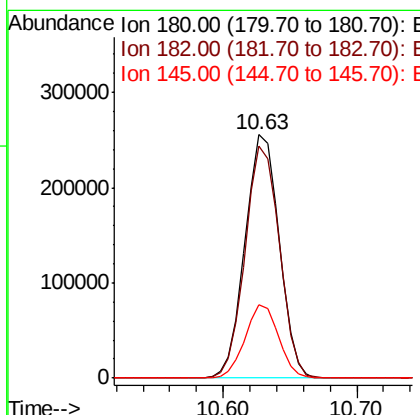
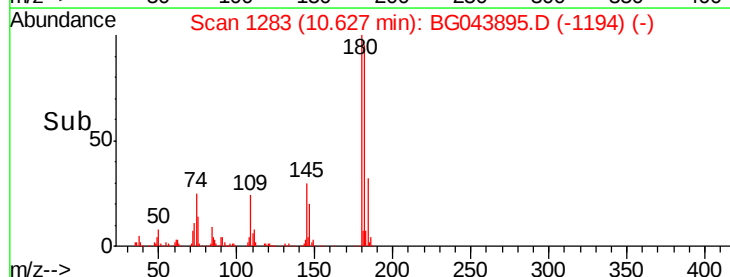
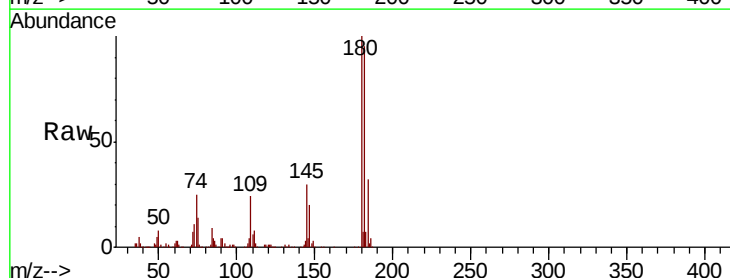
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#30
1,2,4-Trichlorobenzene
Concen: 42.148 ng
RT: 10.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	451696		
182	95.5	75.0	112.4	
145	30.2	24.2	36.4	





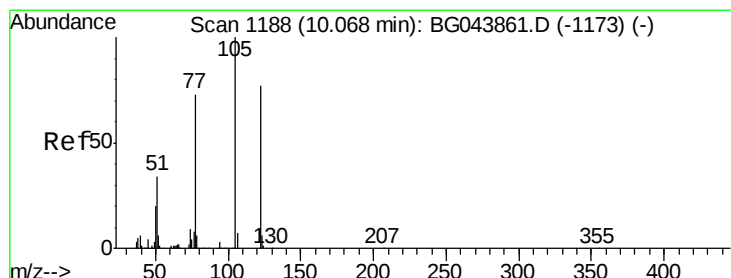
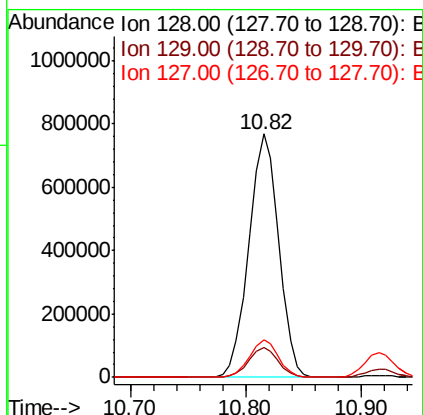
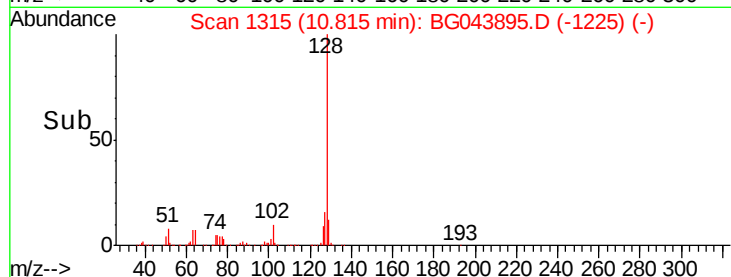
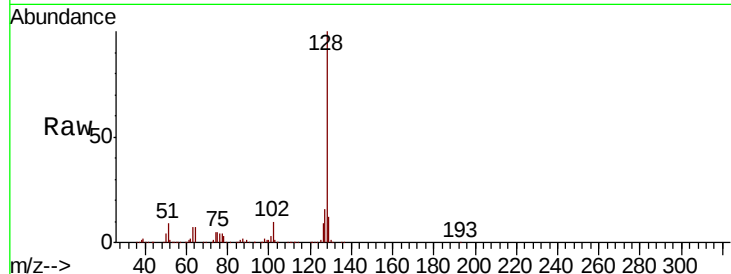
#31
Naphthalene
Concen: 46.969 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Instrument :
BNA_G
ClientSampled :
GW-1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.8	14.6
127	15.6	12.0	18.0

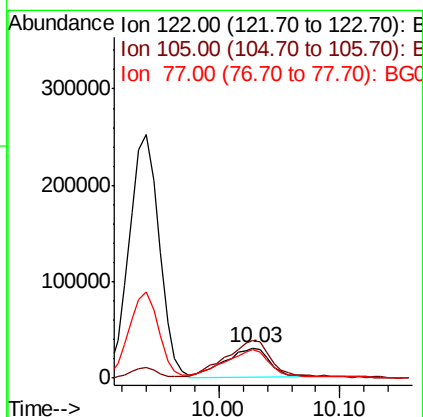
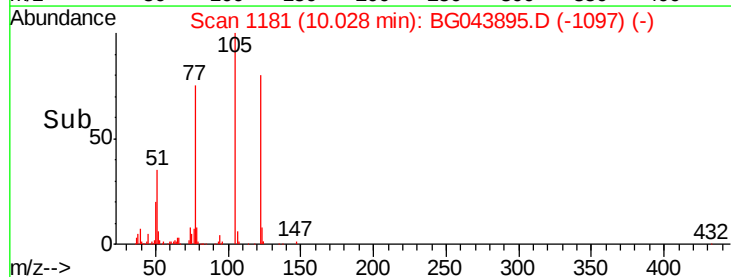
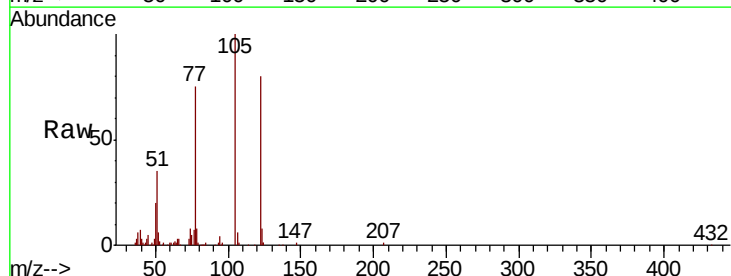
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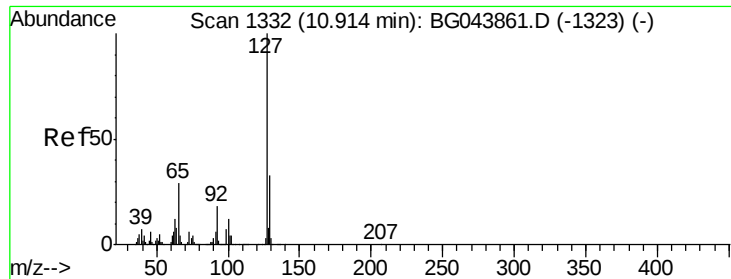
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#32
Benzoic acid
Concen: 16.959 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.04 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.5	106.4	146.4
77	94.7	74.6	114.6





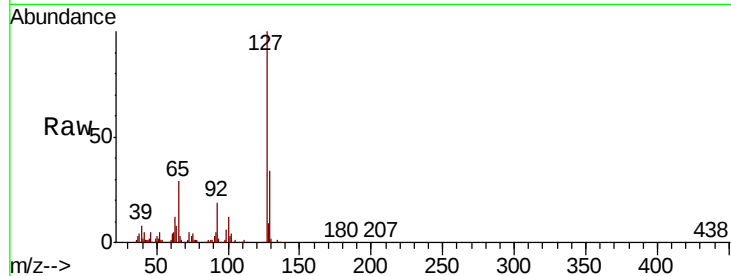
#33
4-Chloroaniline
Concen: 10.177 ng
RT: 10.91 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Instrument :
BNA_G
ClientSampleId :
GW-1MSD

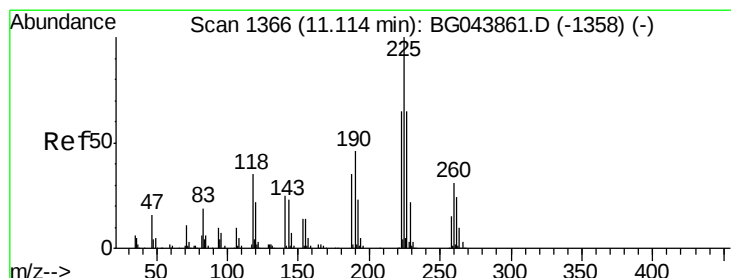
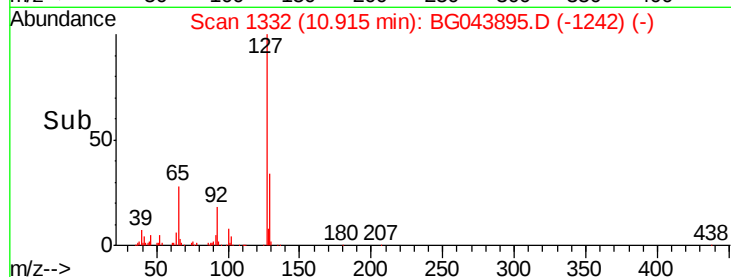
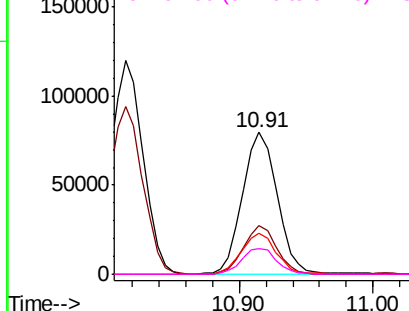
Tot Ion	Ratio	Resp	Lower	Upper
127	100	142747		
129	34.3	26.6	40.0	
65	28.6	23.3	34.9	
92	18.5	14.7	22.1	

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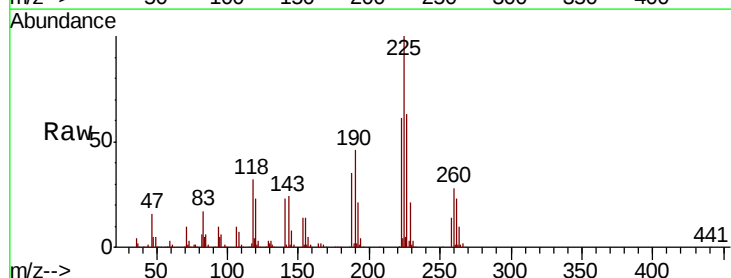


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

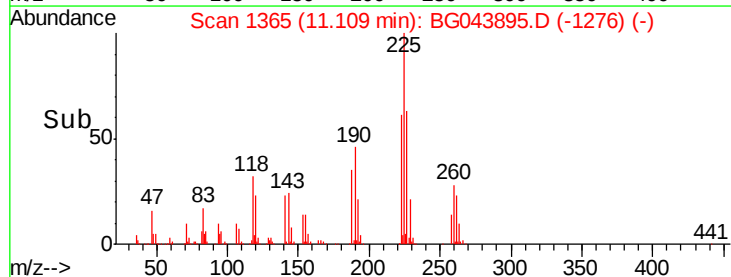
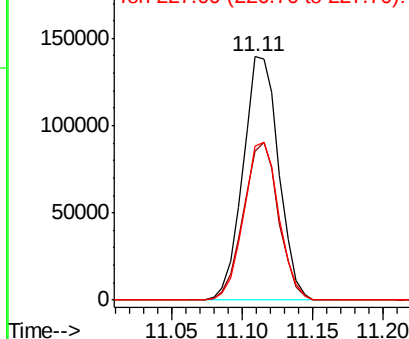


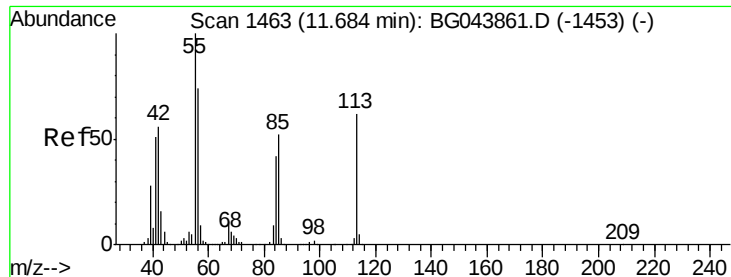
#34
Hexachlorobutadiene
Concen: 37.688 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	246600		
223	61.4	52.2	78.4	
227	63.5	52.1	78.1	



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





#35

Caprolactam

Concen: 8.935 ng/mL

RT: 11.68 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Instrument :

BNA_G

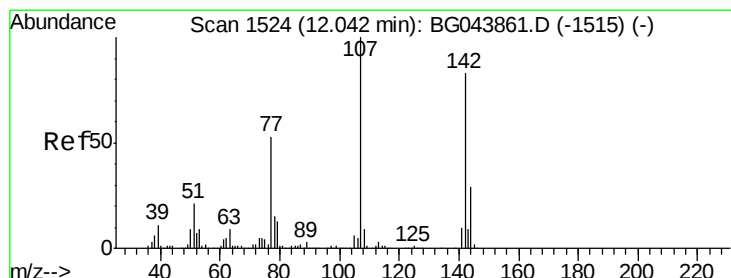
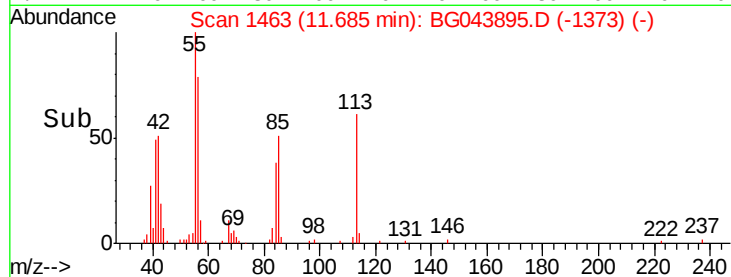
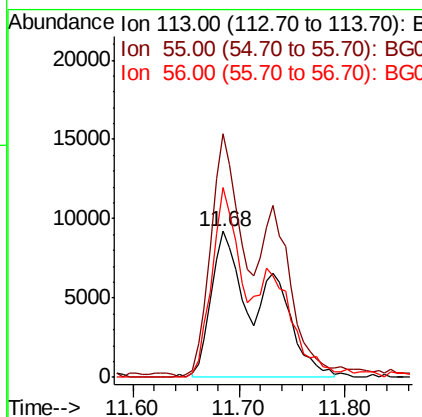
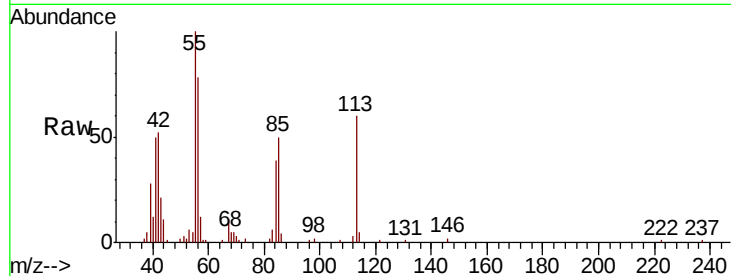
ClientSampleId :

GW-1MSD

Tot Ion:	113	Resp:	31790
Ion	Ratio	Lower	Upper
113	100		
55	166.9	142.5	182.5
56	130.2	101.4	141.4

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#36

4-Chloro-3-methylphenol

Concen: 47.502 ng/mL

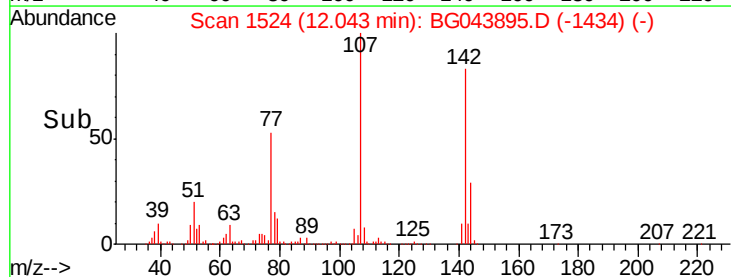
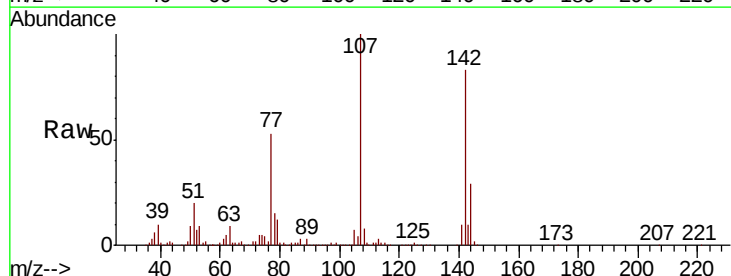
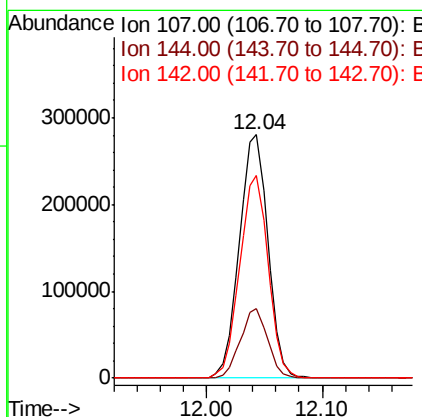
RT: 12.04 min Scan# 1524

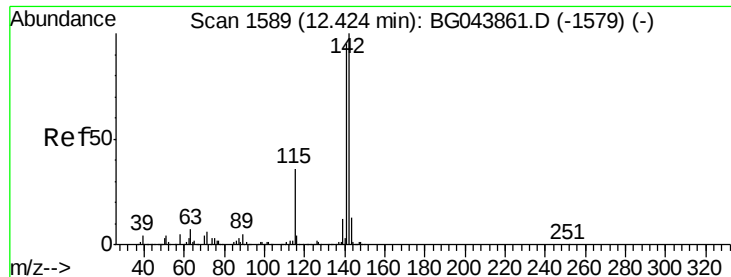
Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Tgt Ion:	107	Resp:	483330
Ion	Ratio	Lower	Upper
107	100		
144	28.6	23.4	35.2
142	83.1	66.3	99.5





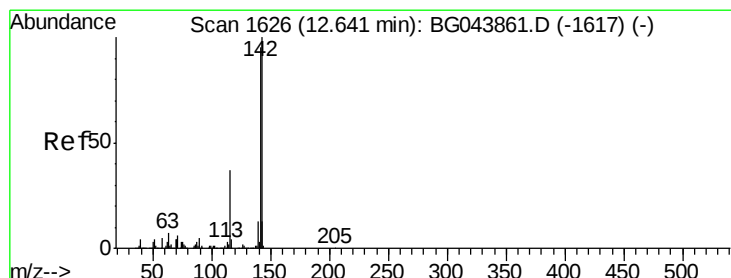
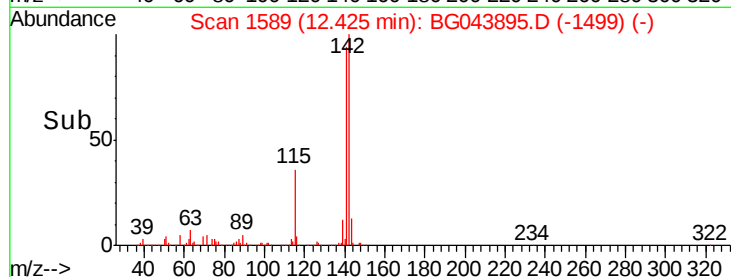
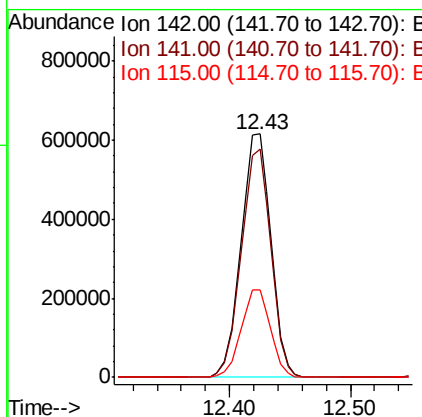
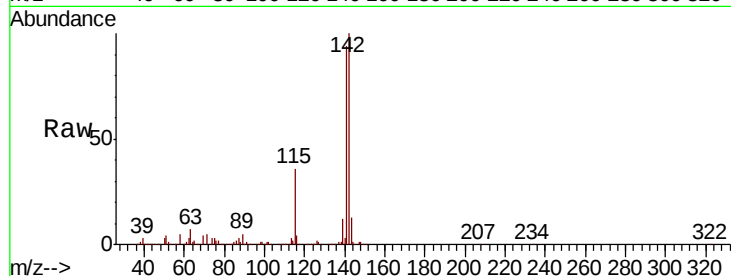
#37
2-Methylnaphthalene
Concen: 48.160 ng
RT: 12.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Instrument :
BNA_G
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.6	75.8	113.8
115	36.2	28.6	42.8

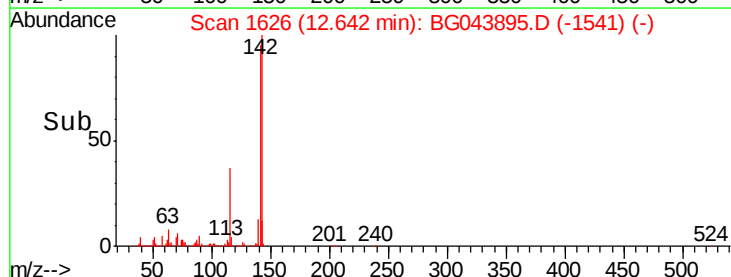
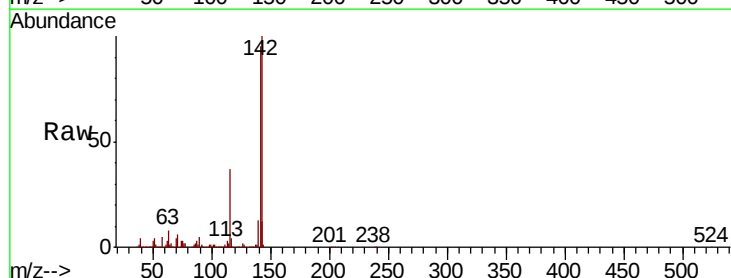
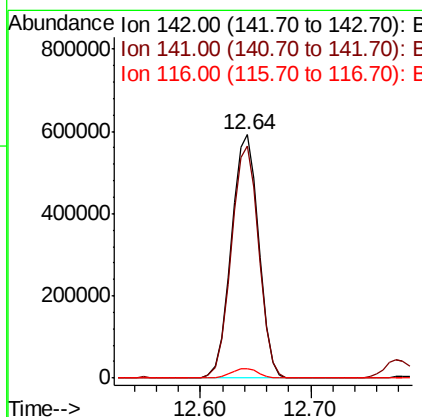
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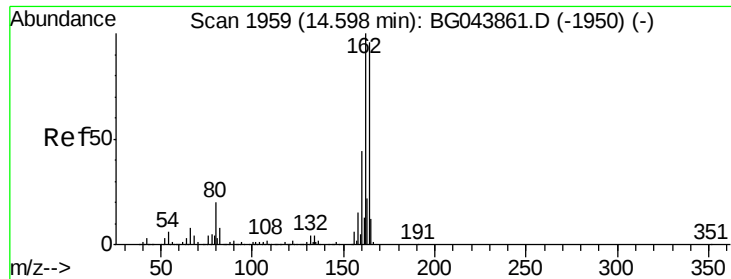
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#38
1-Methylnaphthalene
Concen: 48.957 ng
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.3	76.0	114.0
116	3.8	3.1	4.7





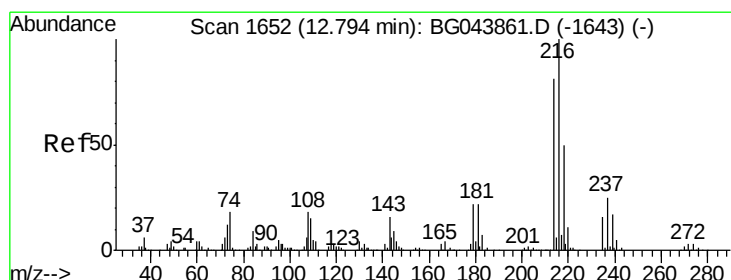
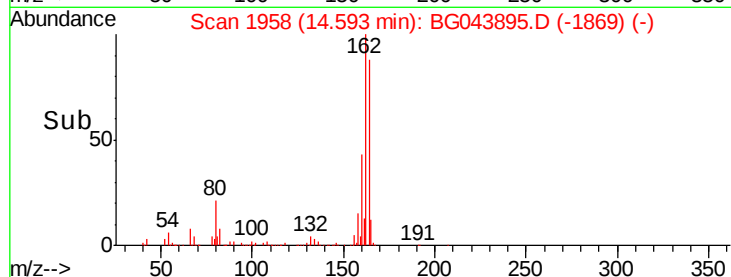
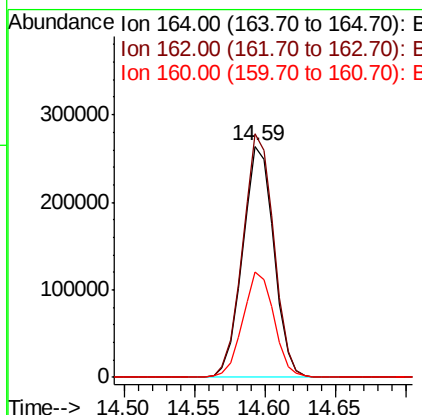
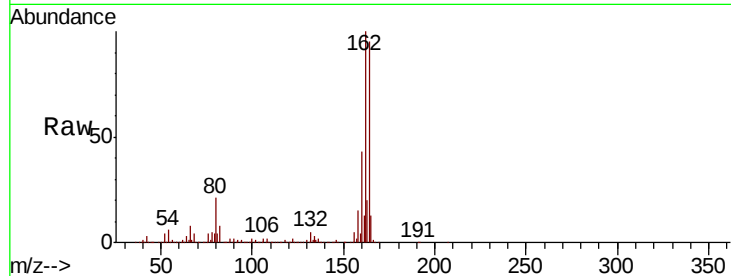
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Instrument :
BNA_G
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.3	83.0	124.4	
160	45.3	36.1	54.1	

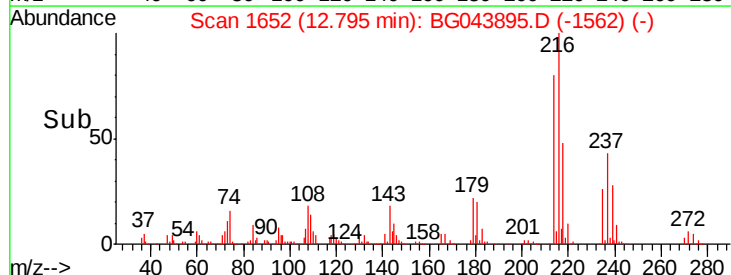
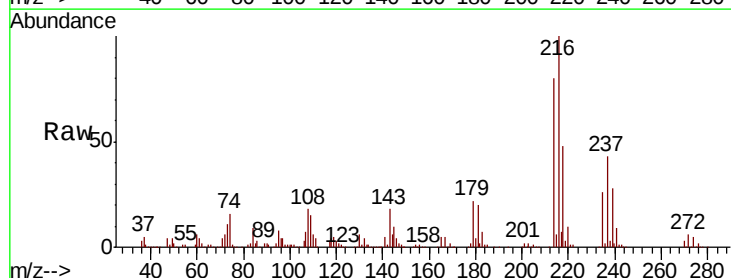
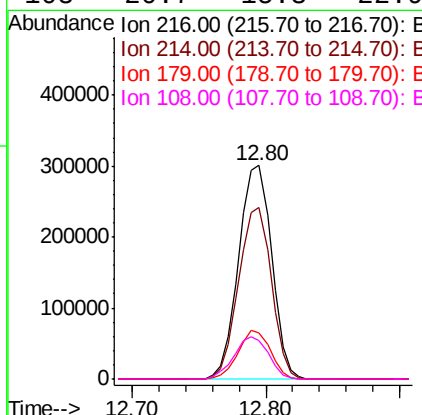
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.237 ng
RT: 12.80 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.8	95.8	
179	22.1	17.3	25.9	
108	20.7	15.3	22.9	





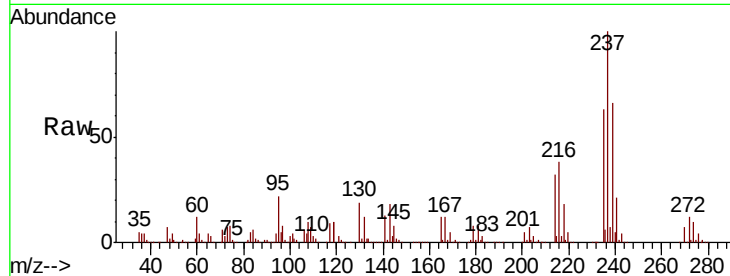
#41
Hexachlorocyclopentadiene
Concen: 93.922 ng
RT: 12.78 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Instrument :
BNA_G
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.3	41.1	81.1
272	12.4	0.0	31.7

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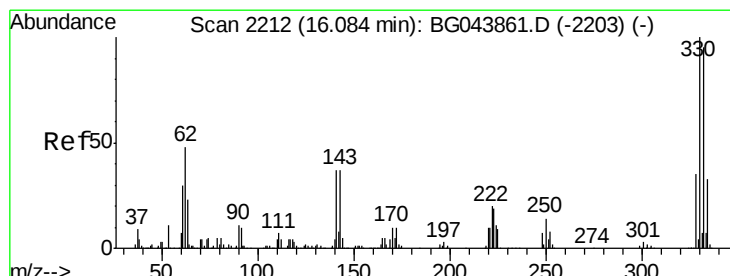
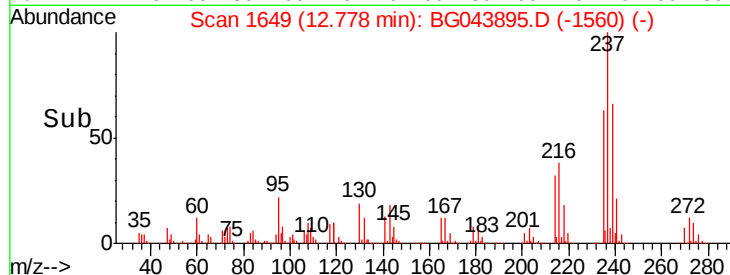
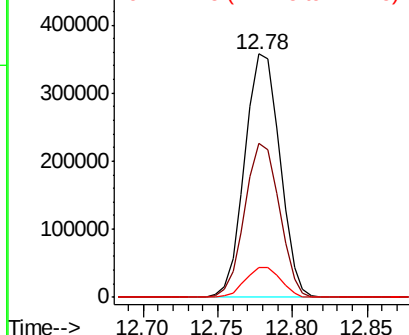


Abundance

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: 153.061 ng
RT: 16.09 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

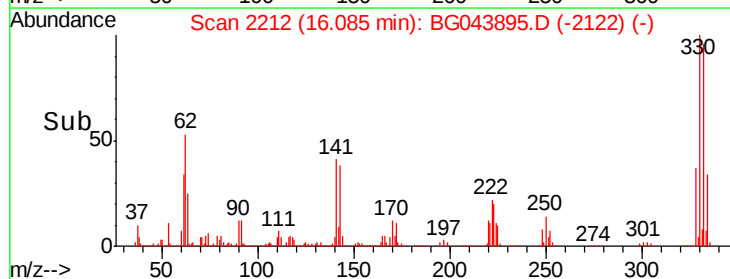
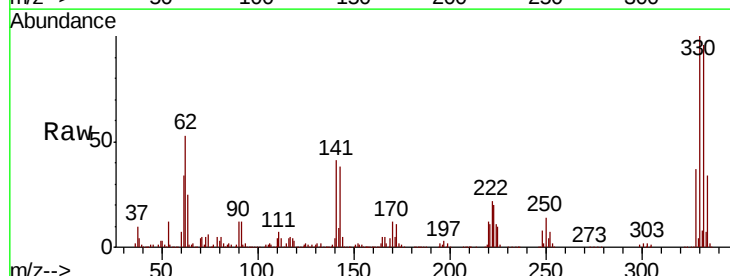
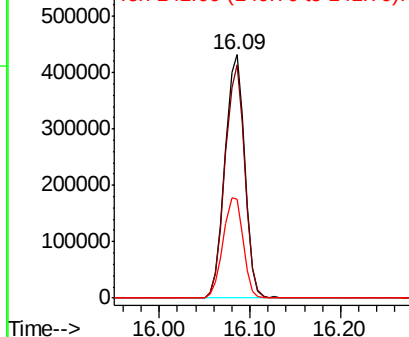
Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.7	77.2	115.8
141	42.0	33.1	49.7

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





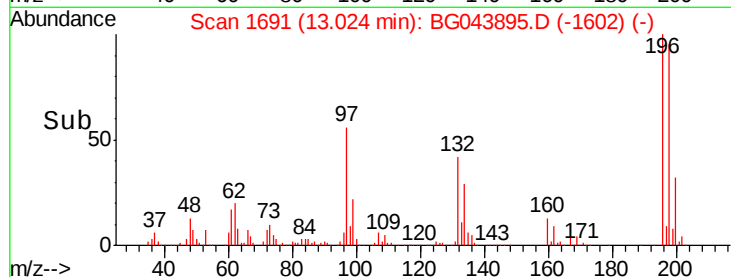
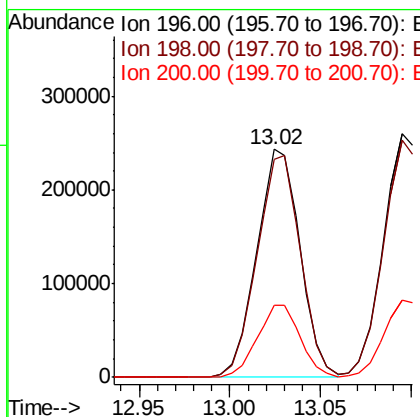
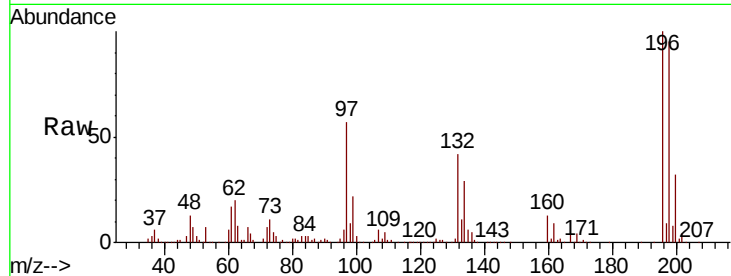
#43
 2,4,6-Trichlorophenol
 Concen: 49.011 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG043895.D
 Acq: 3 Jan 2020 19:54

Instrument :
 BNA_G
 ClientSampleId :
 GW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	403268		
198	95.3	76.6	115.0	
200	31.8	24.6	37.0	

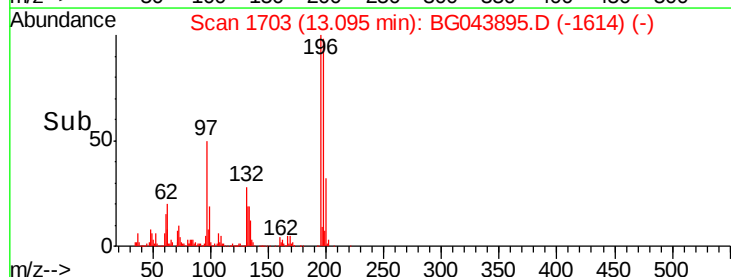
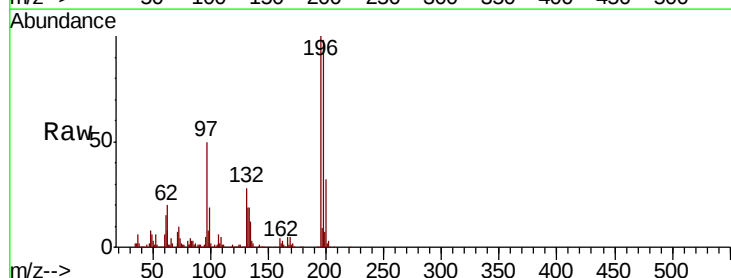
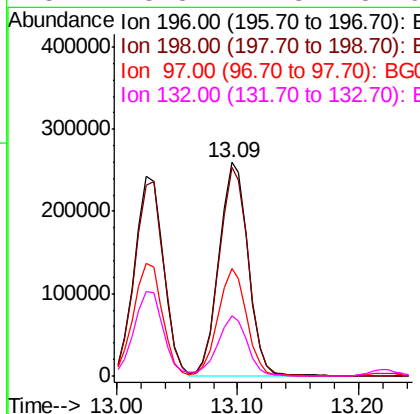
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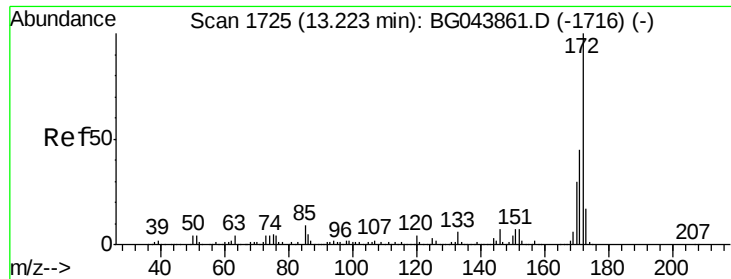
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 50.654 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043895.D
 Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	429862		
198	97.6	78.3	117.5	
97	50.1	38.8	58.2	
132	28.3	21.3	31.9	





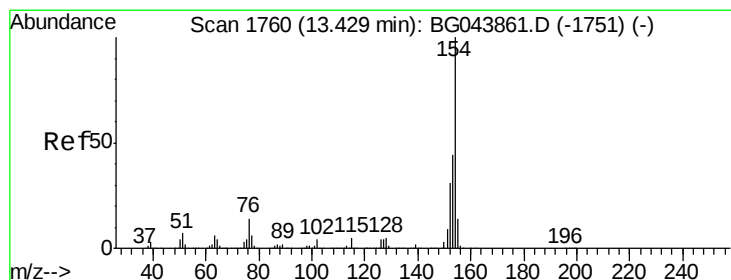
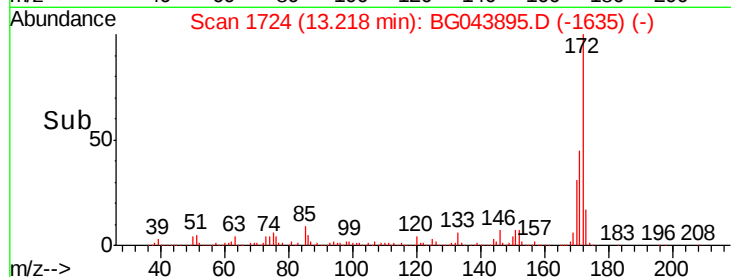
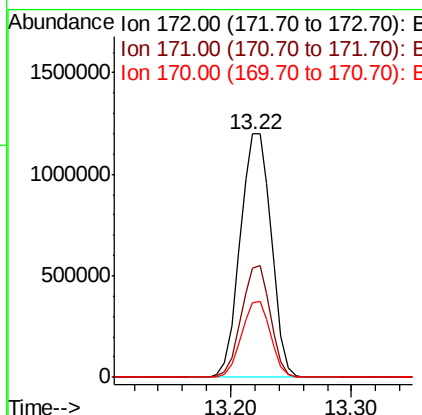
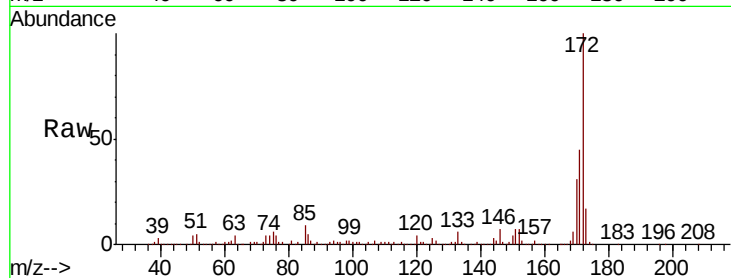
#45
2-Fluorobiphenyl
Concen: 95.494 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Instrument :
BNA_G
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	44.6	35.8	53.8
170	30.6	24.2	36.4

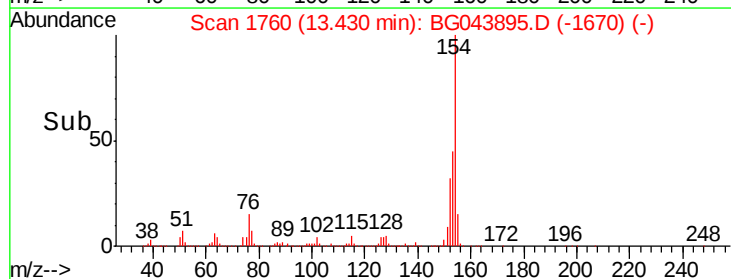
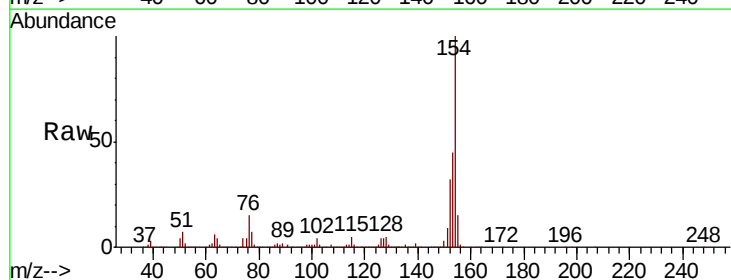
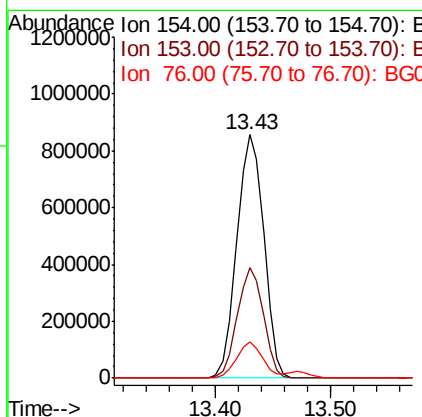
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#46
1,1'-Biphenyl
Concen: 47.344 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.3	23.6	63.6
76	14.8	0.0	34.4





#47

2-Chloronaphthalene

Concen: 45.967 ng

RT: 13.47 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Instrument :

BNA_G

ClientSampleId :

GW-1MSD

Tot Ion:162 Resp: 1086537

Ion Ratio Lower Upper

162 100

127 40.3 32.1 48.1

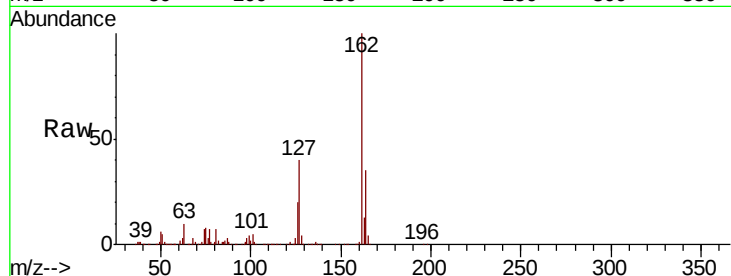
164 35.5 27.5 41.3

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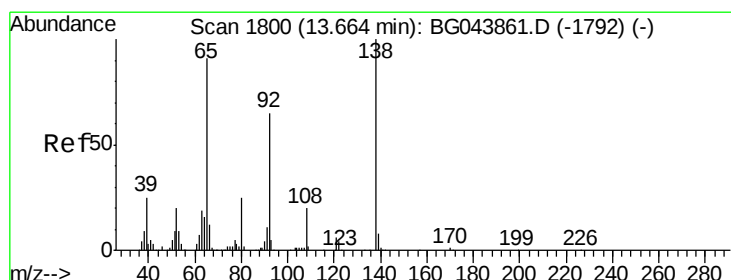
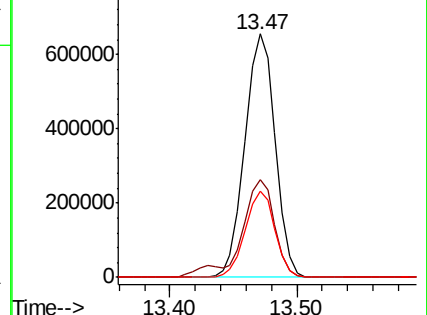
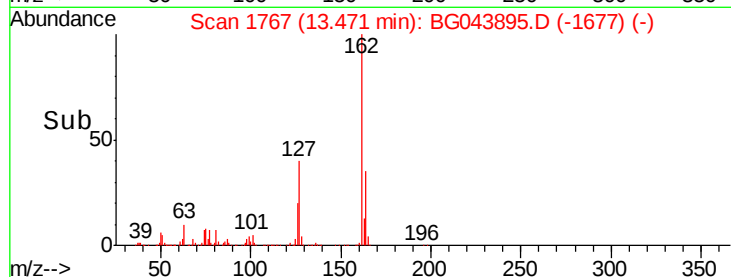
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 48.317 ng

RT: 13.66 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

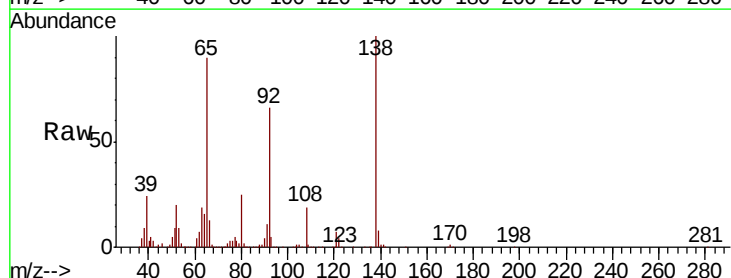
Tgt Ion: 65 Resp: 367373

Ion Ratio Lower Upper

65 100

92 73.7 57.4 86.2

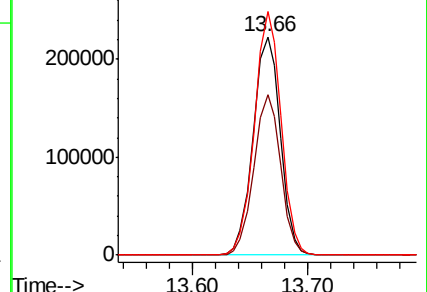
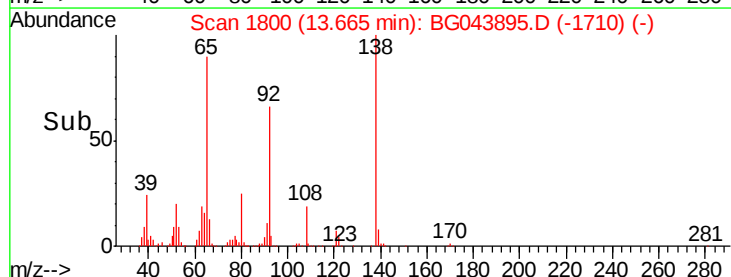
138 111.7 88.2 132.4

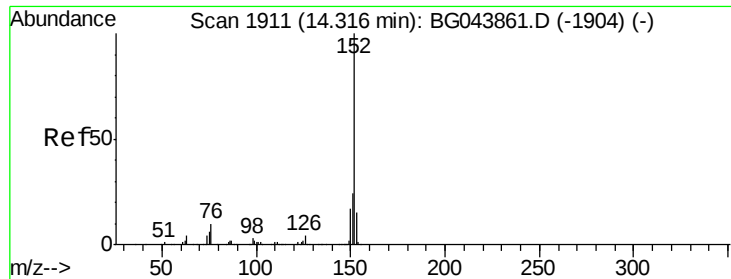


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





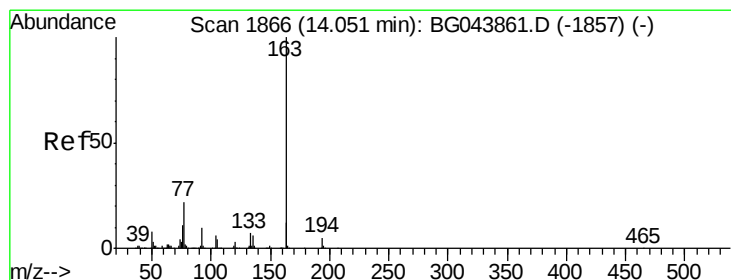
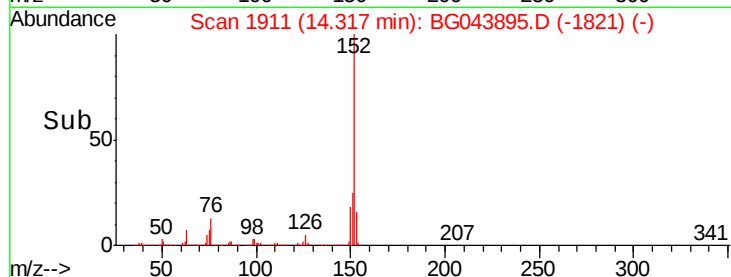
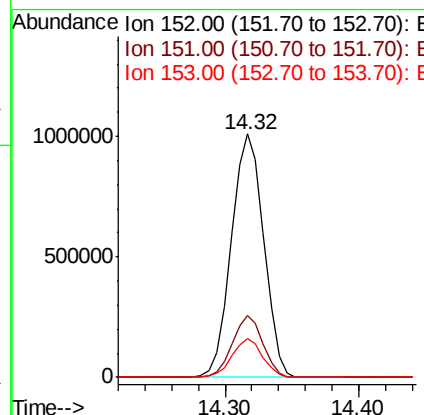
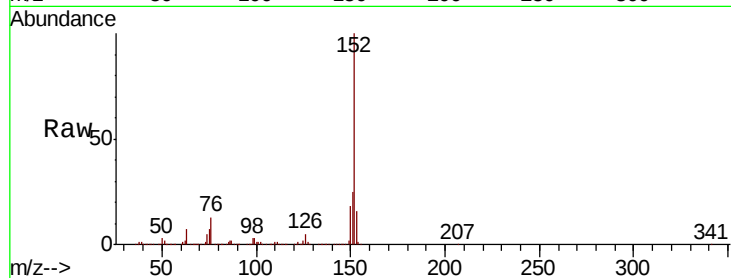
#49
Acenaphthylene
Concen: 50.137 ng
RT: 14.32 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Instrument :
BNA_G
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	25.3	19.4	29.2
153	15.8	12.0	18.0

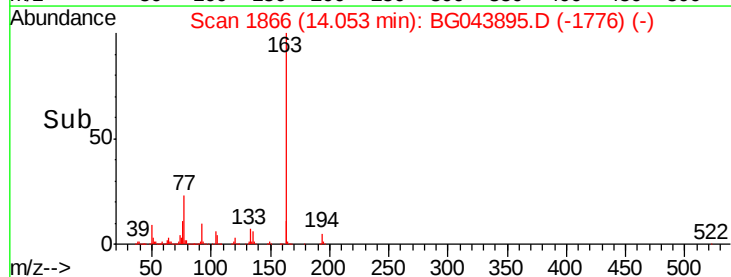
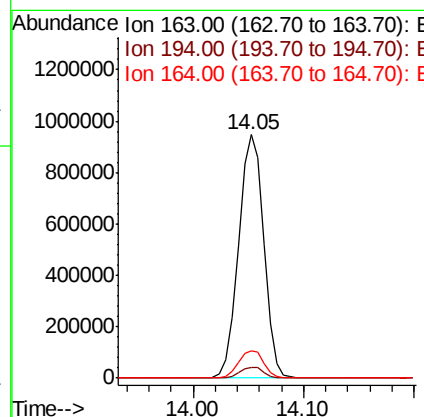
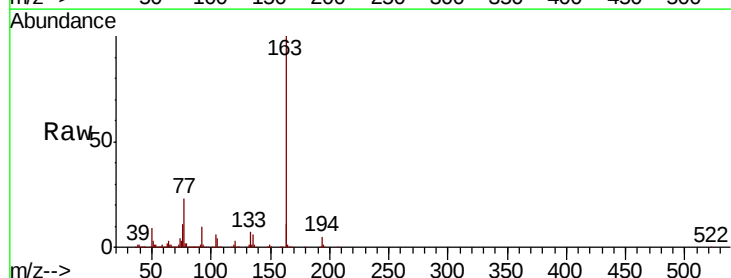
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#50
Dimethylphthalate
Concen: 52.140 ng
RT: 14.05 min Scan# 1866
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	11.4	9.3	13.9





#51

2,6-Dinitrotoluene

Concen: 52.277 ng

RT: 14.16 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Instrument :

BNA_G

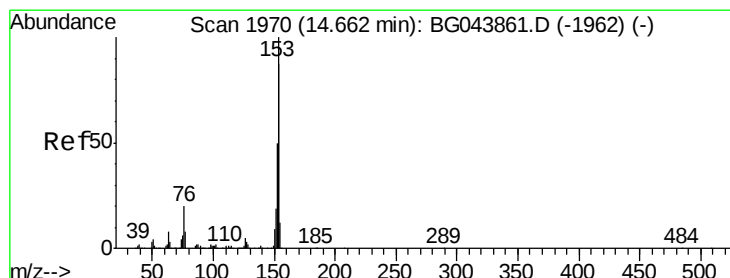
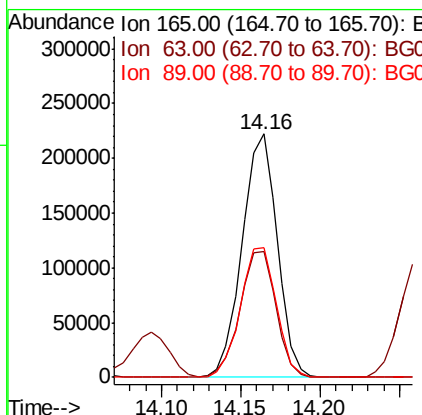
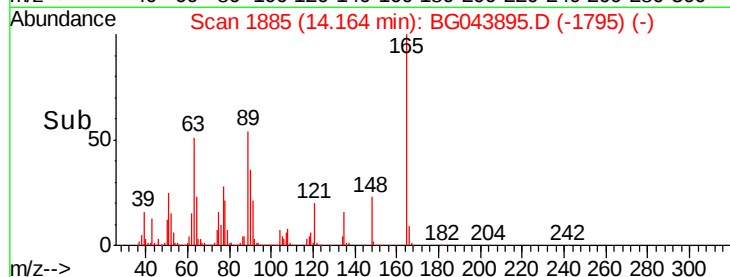
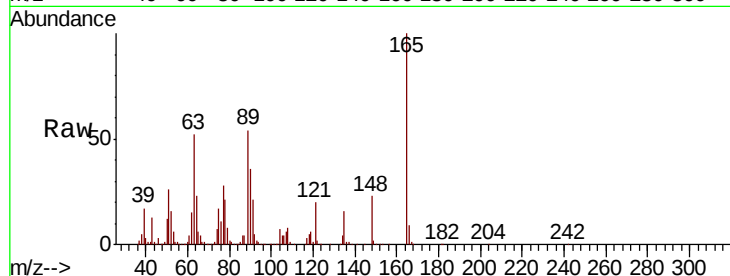
ClientSampleId :

GW-1MSD

Tot Ion:	165	Resp:	342286
Ion Ratio	Lower	Upper	
165	100		
63	51.8	43.1	64.7
89	53.5	43.8	65.6

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#52

Acenaphthene

Concen: 47.771 ng

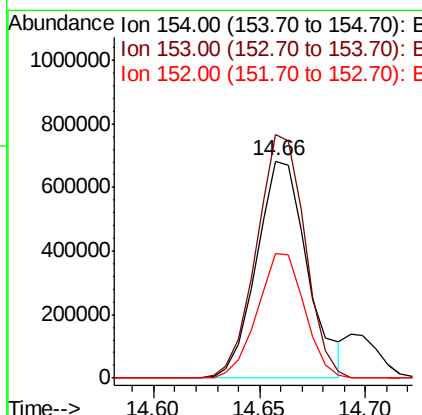
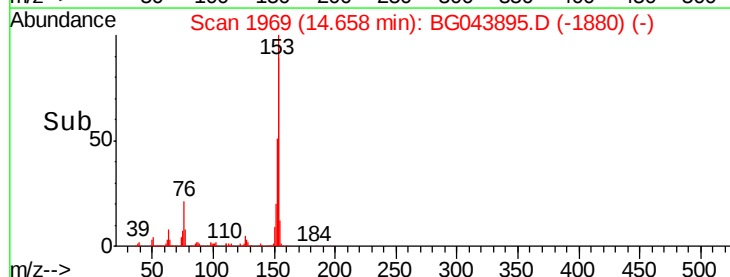
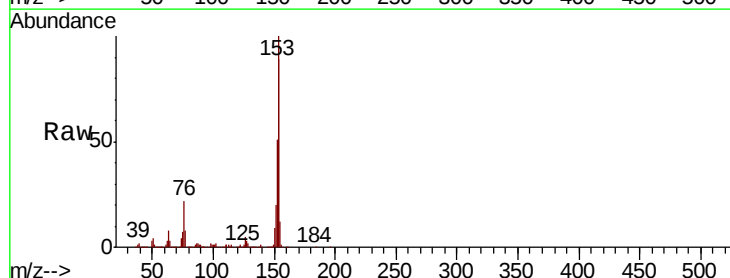
RT: 14.66 min Scan# 1969

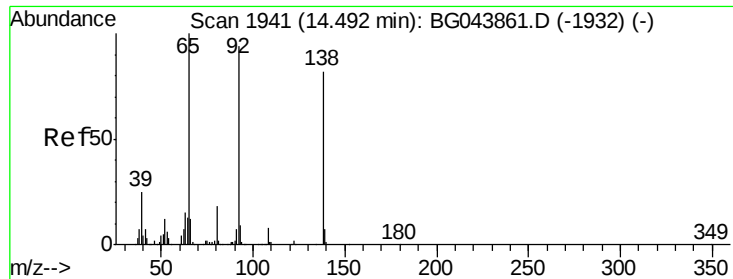
Delta R.T. -0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Tgt Ion:	154	Resp:	1138165
Ion Ratio	Lower	Upper	
154	100		
153	112.1	91.6	137.4
152	57.3	45.4	68.0





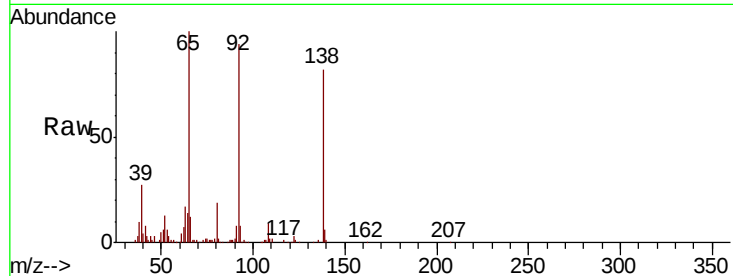
#53
3-Nitroaniline
Concen: 9.529 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Instrument :
BNA_G
ClientSampleId :
GW-1MSD

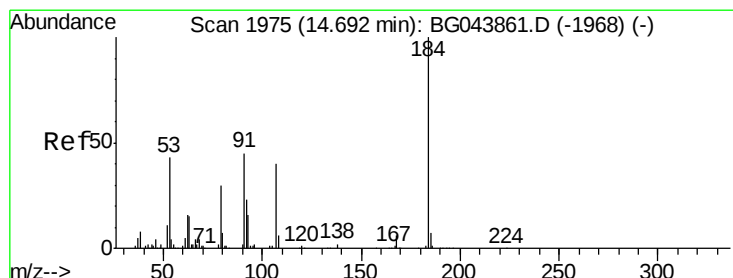
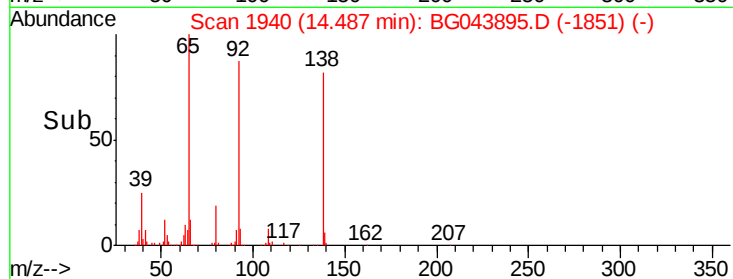
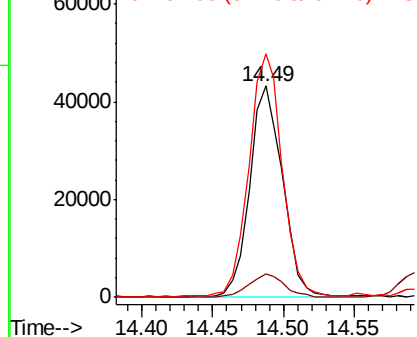
Tot Ion:138 Resp: 70853
Ion Ratio Lower Upper
138 100
108 11.2 7.4 11.2#
92 115.4 92.1 138.1

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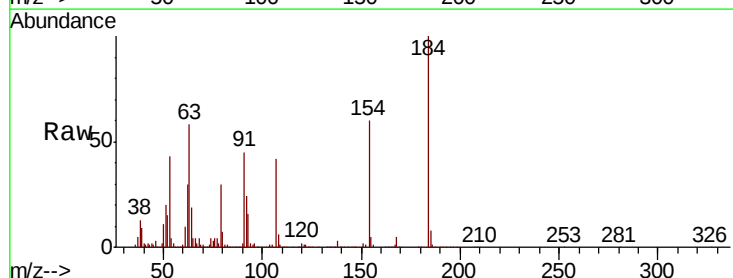


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E

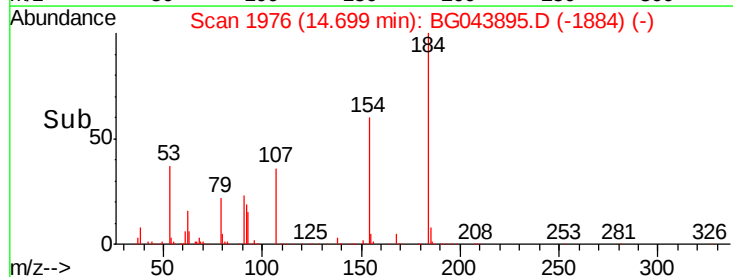
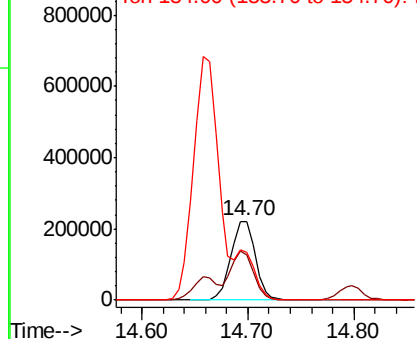


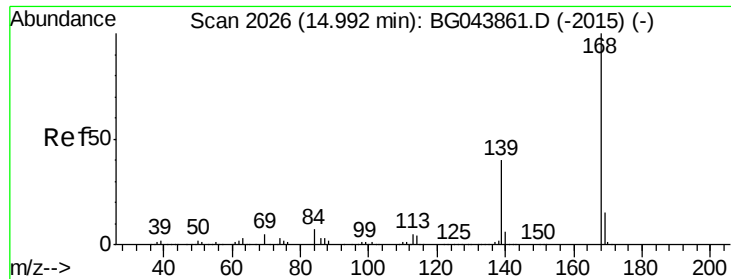
#54
2,4-Dinitrophenol
Concen: 104.342 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion:184 Resp: 354022
Ion Ratio Lower Upper
184 100
63 57.7 46.6 70.0
154 60.2 50.2 75.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





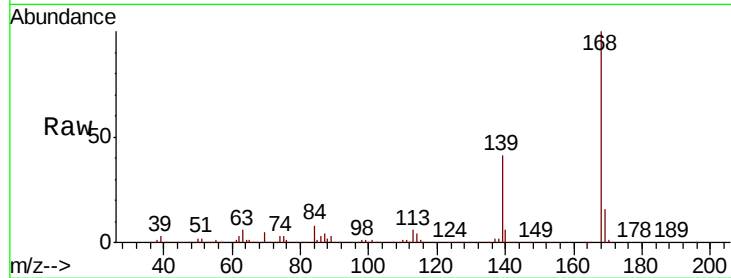
#55
Dibenzenofuran
Concen: 50.292 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Instrument :
BNA_G
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.4	32.2	48.2
169	16.2	12.2	18.2

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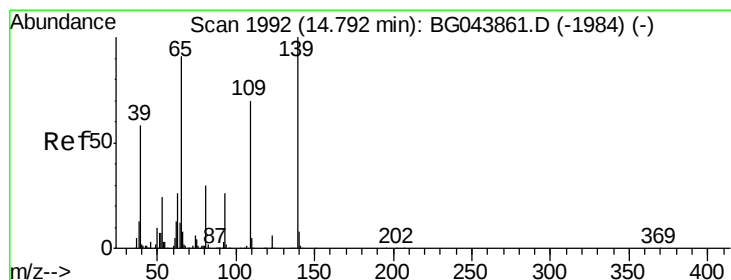
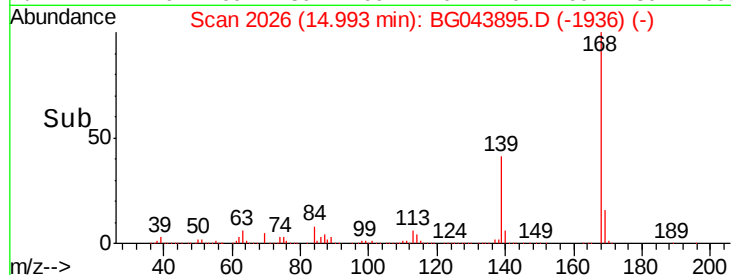
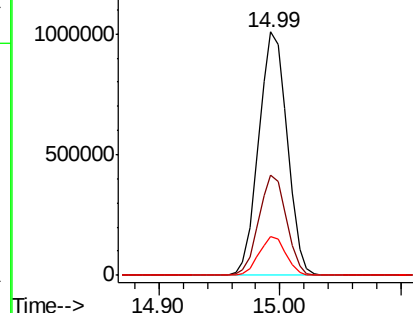


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 42.283 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.01 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

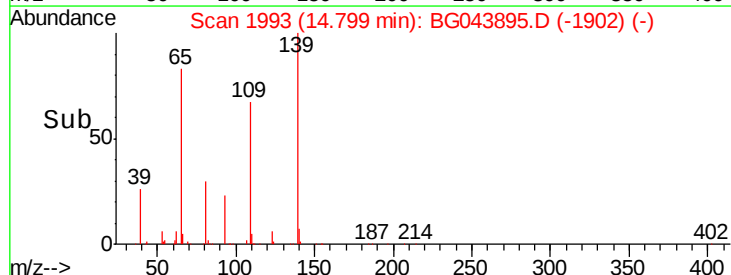
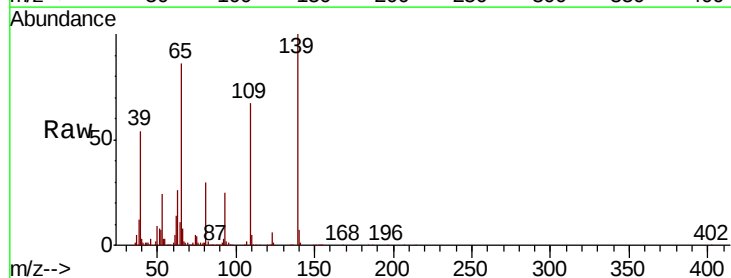
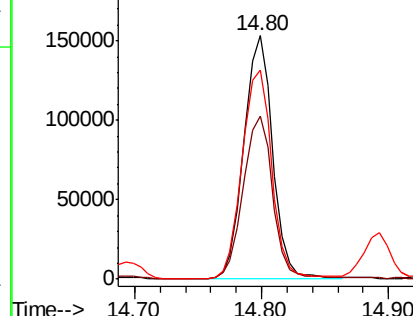
Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.0	50.4	90.4
65	86.1	71.4	111.4

Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





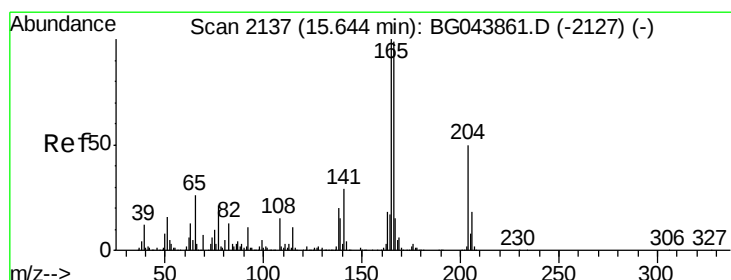
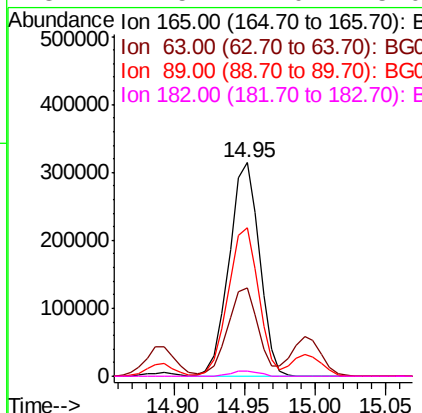
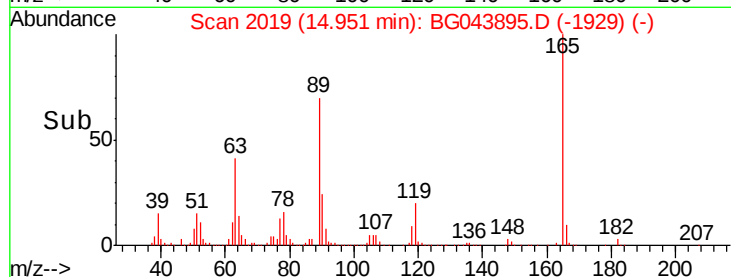
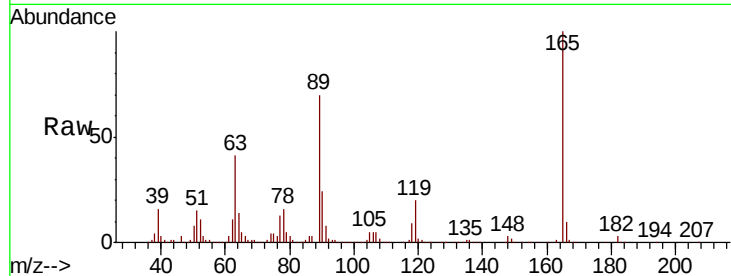
#57
2,4-Dinitrotoluene
Concen: 52.707 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Instrument :
BNA_G
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	469574		
63	41.3		31.9	47.9
89	69.5		53.8	80.6
182	2.5		2.0	3.0

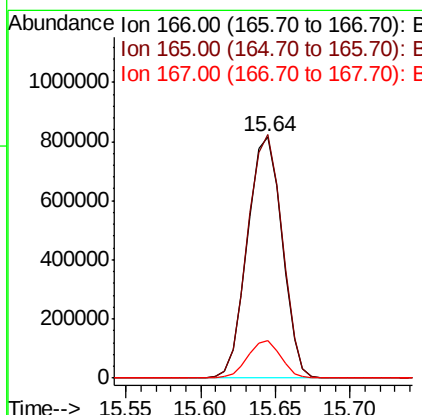
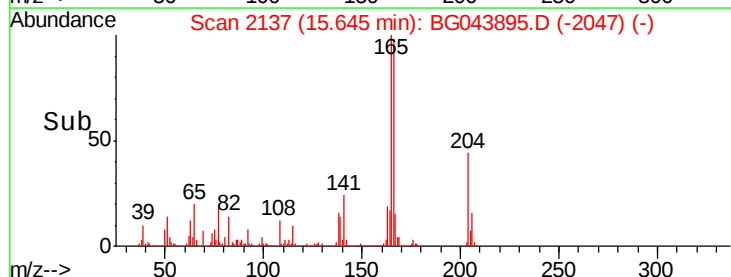
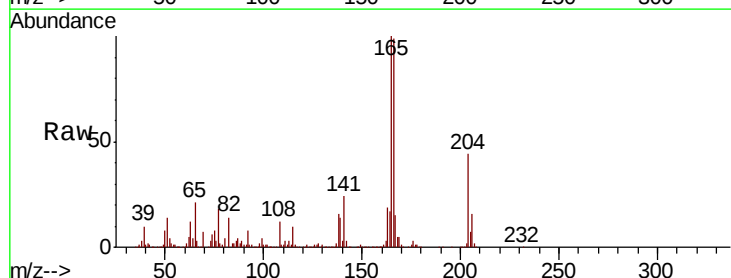
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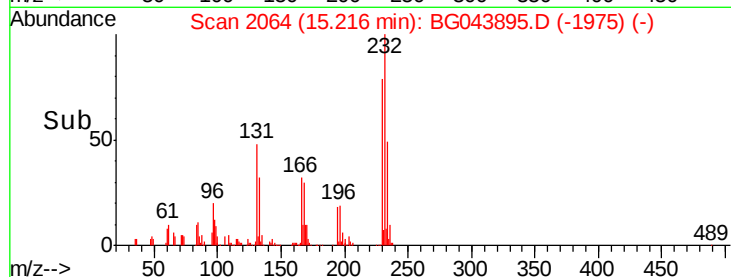
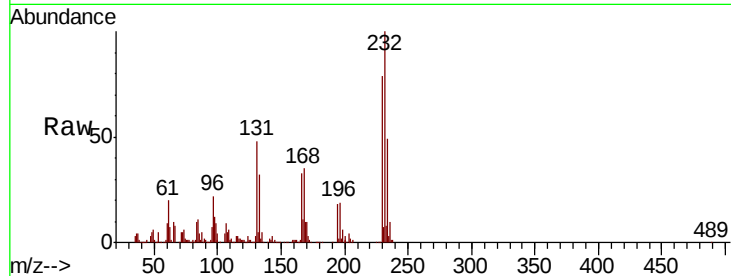
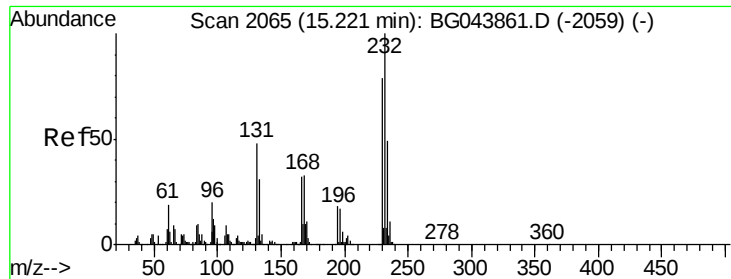
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#58
Fluorene
Concen: 50.438 ng
RT: 15.64 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1311176		
165	100.9		80.8	121.2
167	15.6		12.1	18.1





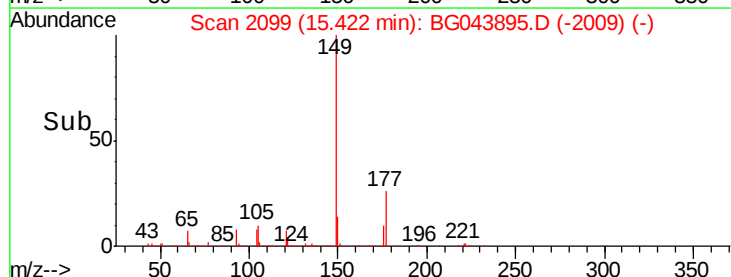
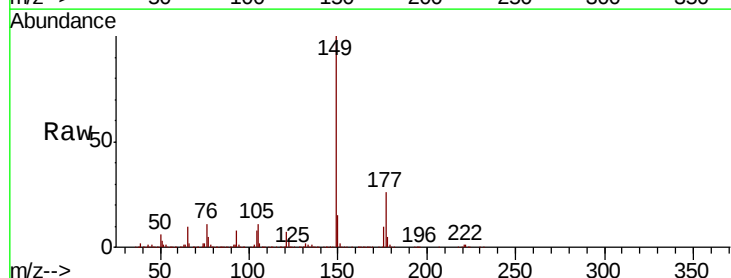
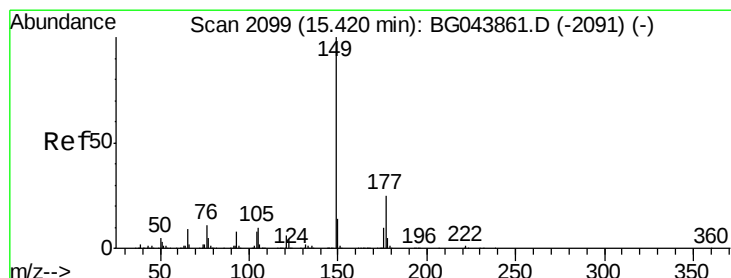
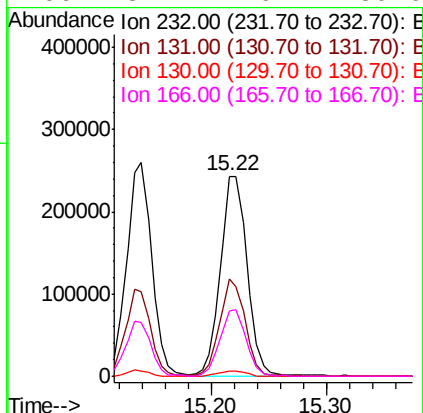
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.259 ng
RT: 15.22 min Scan# 2064
Delta R.T. -0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Instrument :
BNA_G
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	388643		
131	45.9		38.2	57.2
130	2.7		2.2	3.2
166	32.4		26.4	39.6

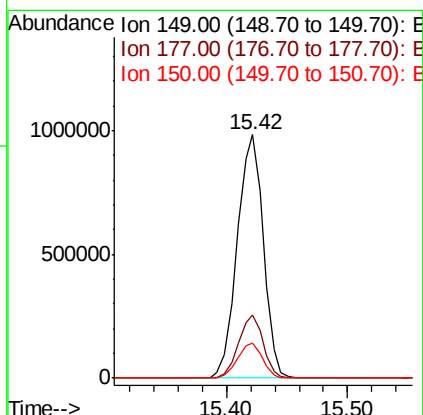
Manual Integrations
APPROVED

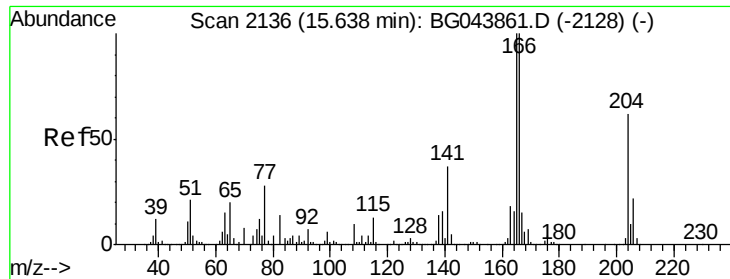
mohammad
1/6/2020 11:41:48 AM



#60
Diethylphthalate
Concen: 50.961 ng
RT: 15.42 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1476541		
177	25.9		20.0	30.0
150	14.5		11.1	16.7





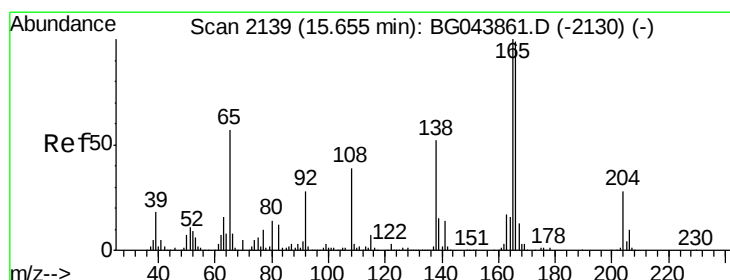
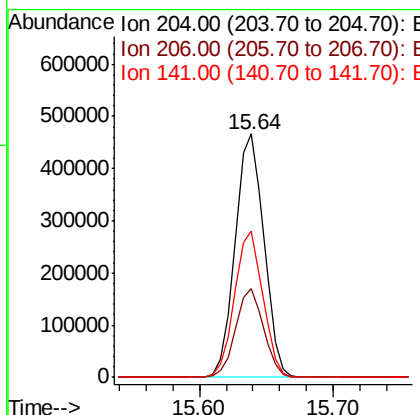
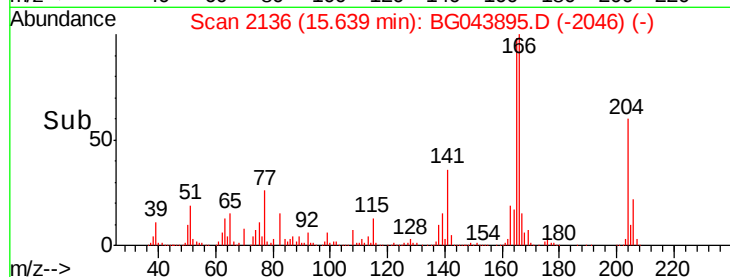
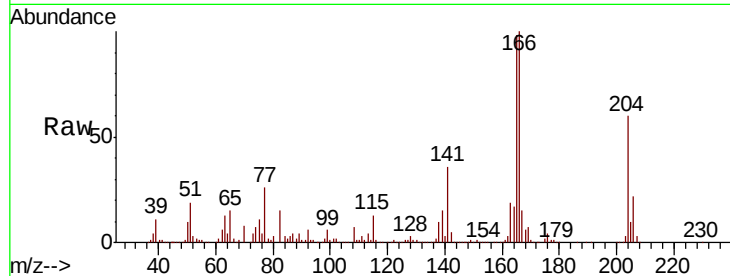
#61
4-Chlorophenyl-phenylether
Concen: 49.305 ng
RT: 15.64 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Instrument :
BNA_G
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.2	28.2	42.2
141	60.2	48.2	72.2

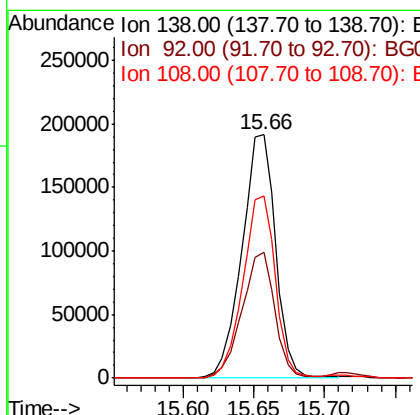
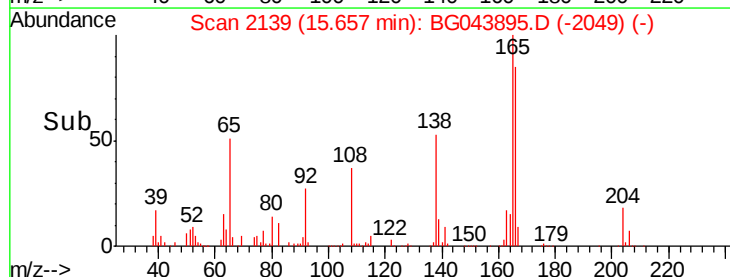
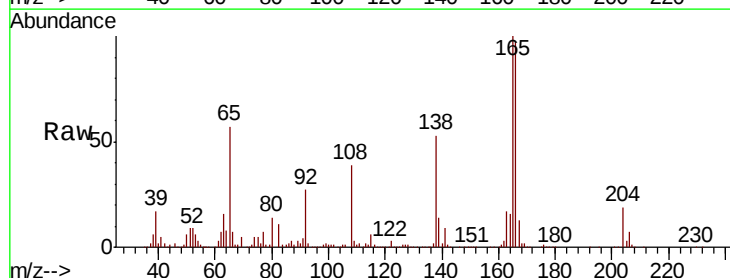
Manual Integrations
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#62
4-Nitroaniline
Concen: 43.636 ng
RT: 15.66 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.9	34.3	74.3
108	74.8	55.0	95.0





#63

Azobenzene

Concen: 51.884 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Instrument :

BNA_G

ClientSampleId :

GW-1MSD

Tot Ion: 77 Resp: 1394144

Ion Ratio Lower Upper

77 100

182 28.5 7.3 47.3

105 24.1 3.2 43.2

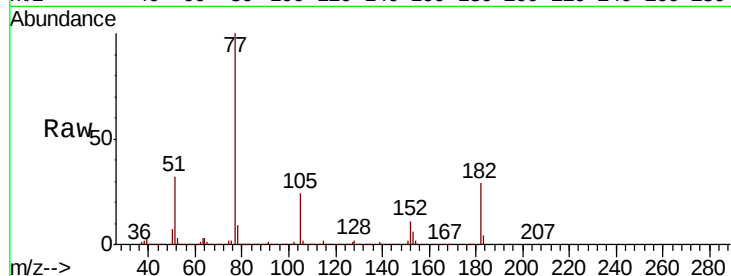
51 32.0 10.6 50.6

Manual Integrations

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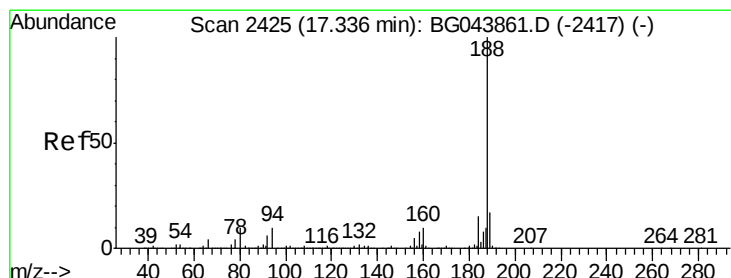
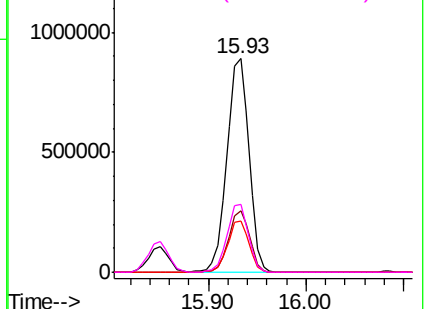
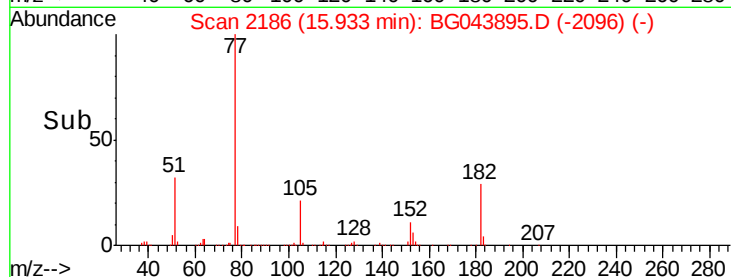


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

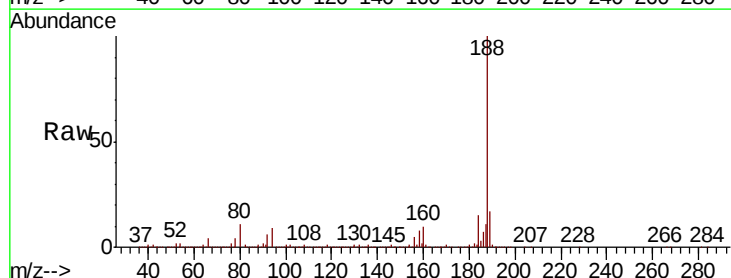
Tgt Ion: 188 Resp: 860757

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

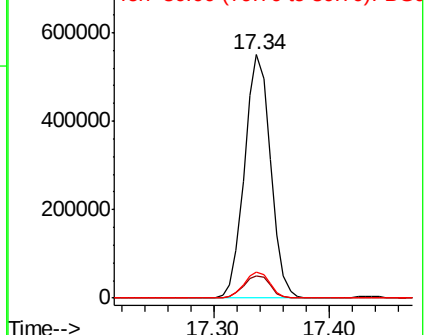
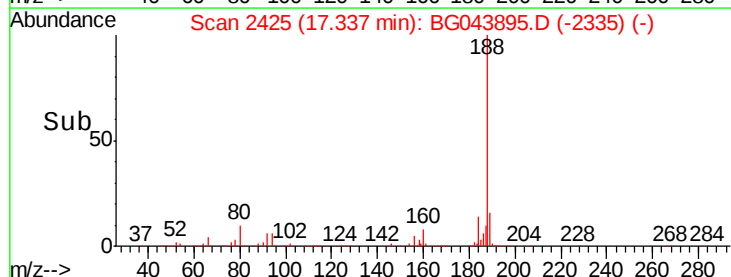
80 10.8 8.2 12.4

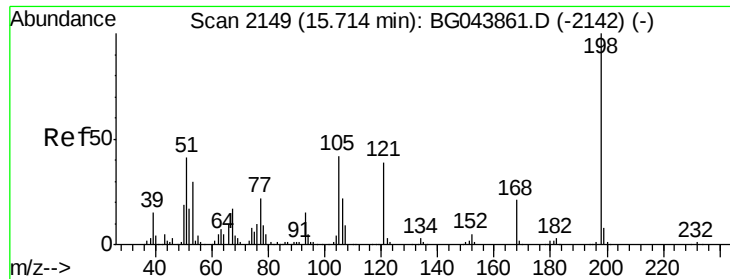


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





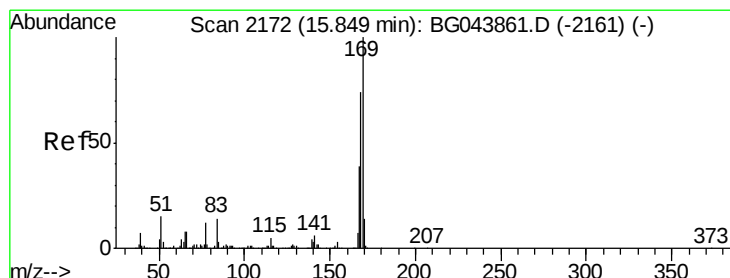
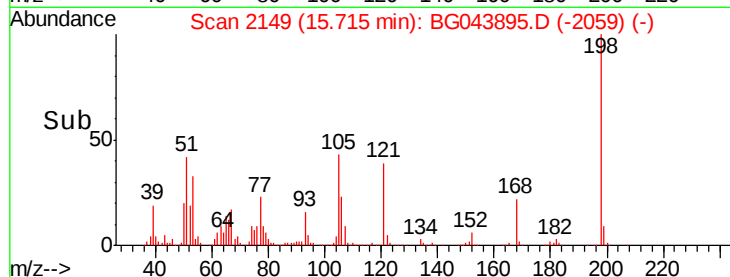
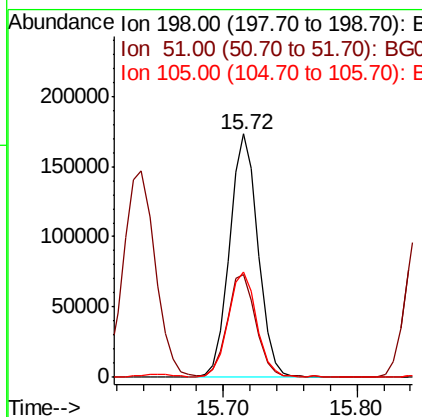
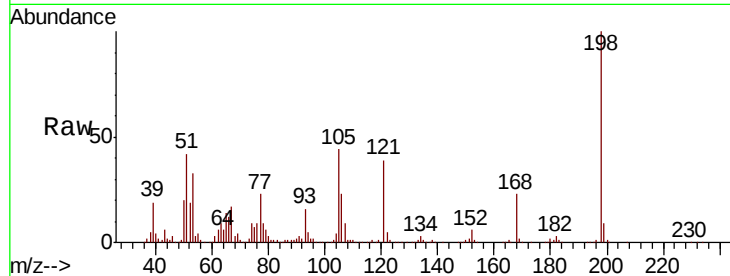
#65
 4,6-Dinitro-2-methylphenol
 Concen: 57.064 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG043895.D
 Acq: 3 Jan 2020 19:54

Instrument :
 BNA_G
 ClientSampleId :
 GW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	257116		
51	42.1		22.5	62.5
105	43.5		22.3	62.3

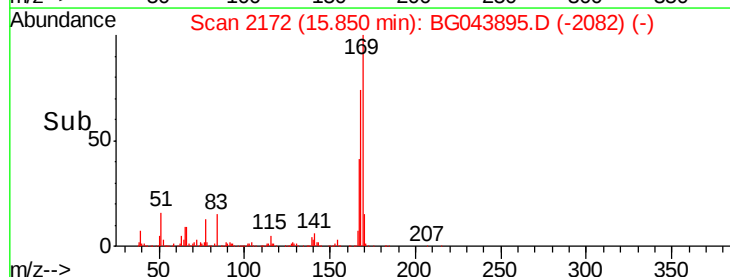
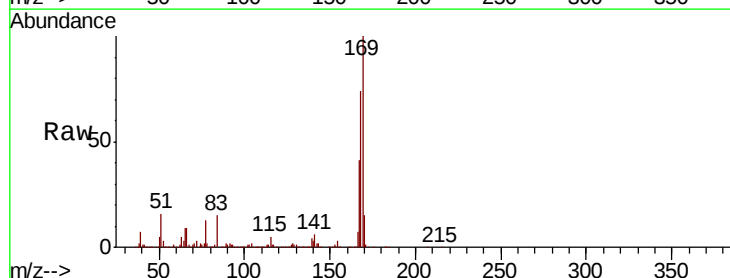
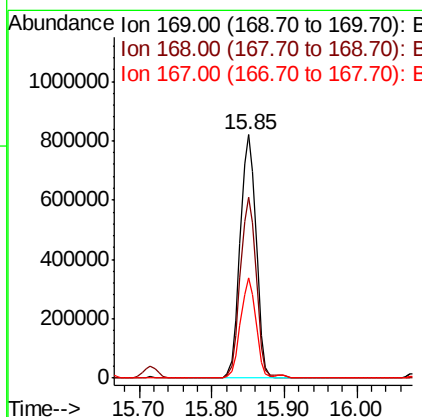
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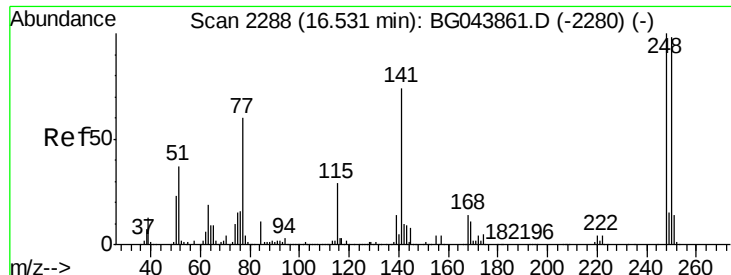
mohammad
 1/6/2020 11:41:48 AM



#66
 n-Nitrosodiphenylamine
 Concen: 49.677 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: BG043895.D
 Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1259216		
168	74.1		59.0	88.6
167	41.4		31.4	47.0





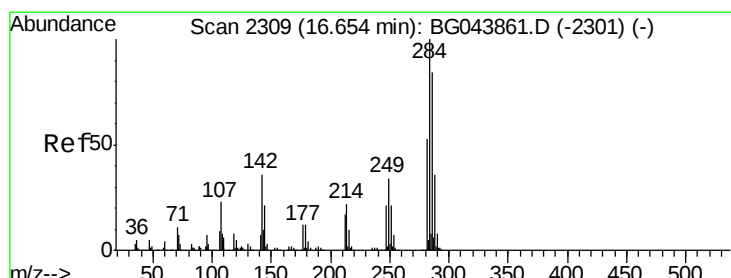
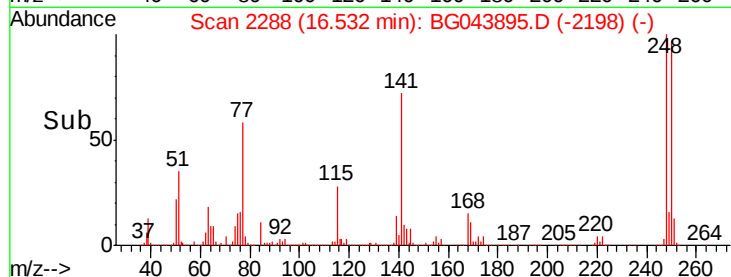
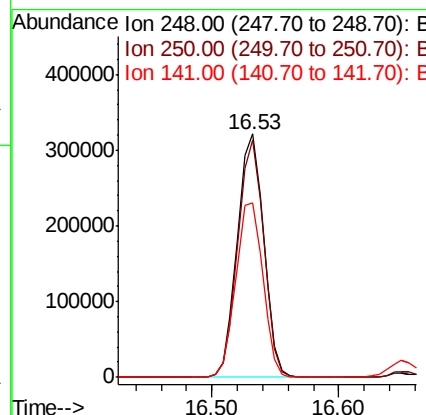
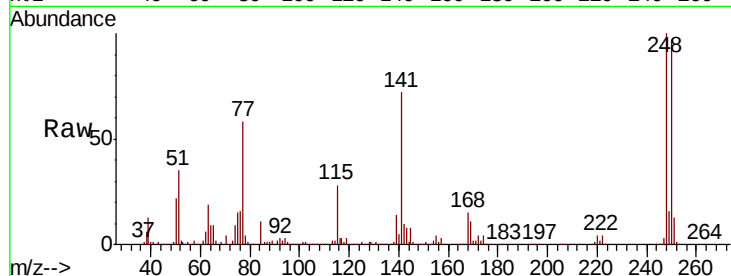
#67
4-Bromophenyl-phenylether
Concen: 47.727 ng
RT: 16.53 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Instrument :
BNA_G
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.2	117.2
141	71.8	59.3	88.9

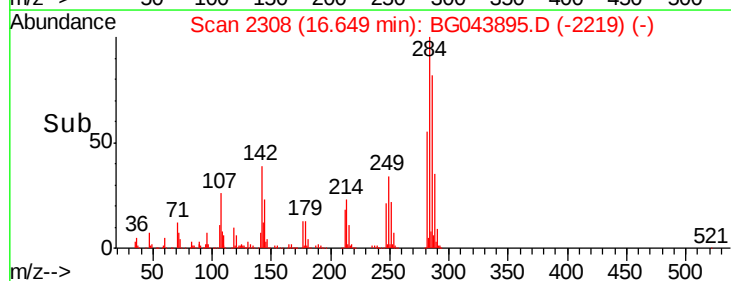
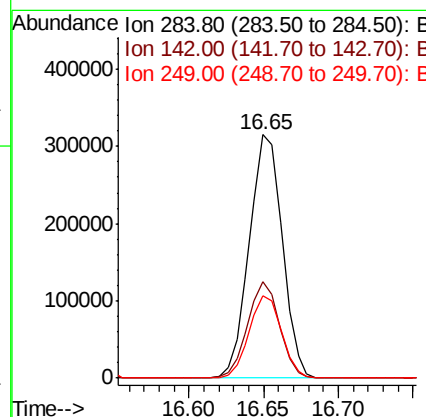
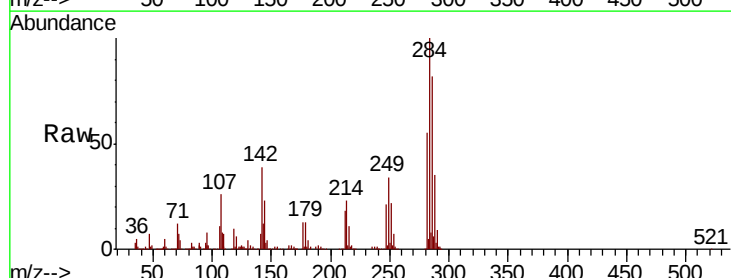
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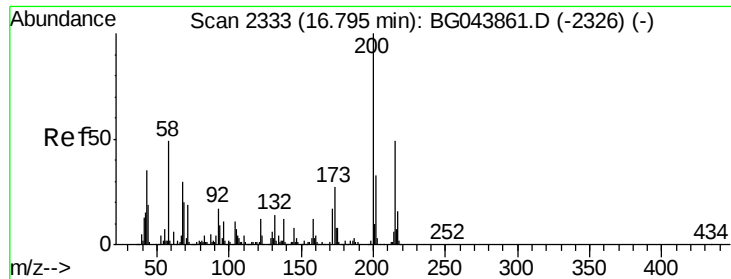
mohammad
1/6/2020 11:41:48 AM



#68
Hexachlorobenzene
Concen: 46.068 ng
RT: 16.65 min Scan# 2308
Delta R.T. -0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.4	28.6	43.0
249	33.9	27.0	40.6





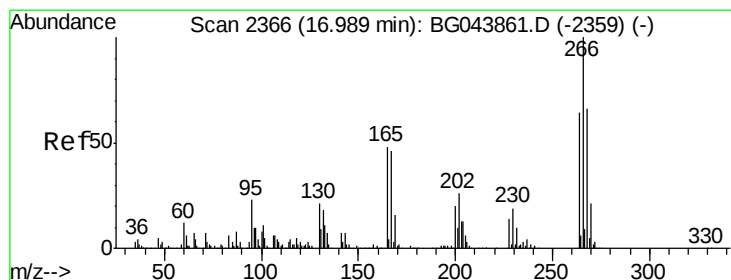
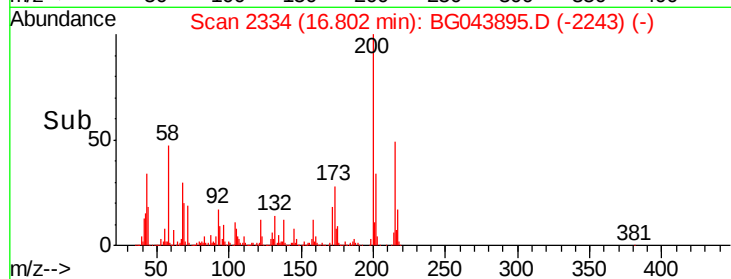
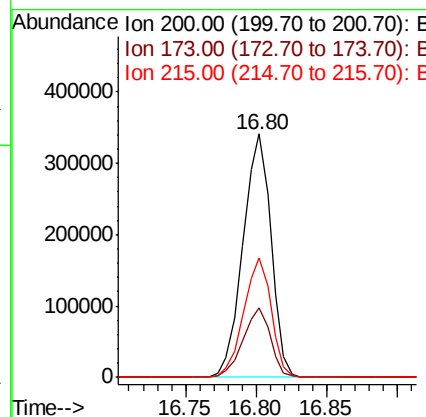
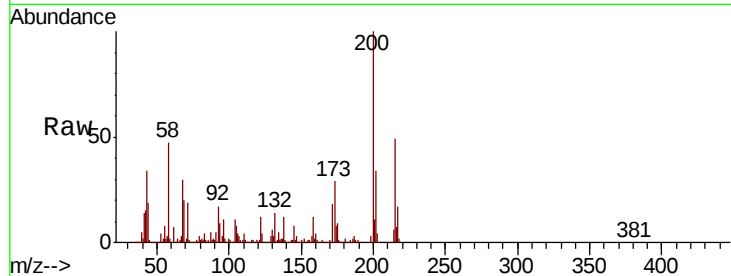
#69
Atrazine
Concen: 57.520 ng
RT: 16.80 min Scan# 2334
Delta R.T. 0.01 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Instrument :
BNA_G
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.5	6.6	46.6	
215	49.2	28.6	68.6	

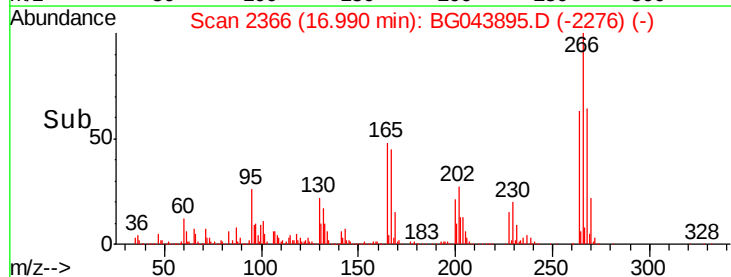
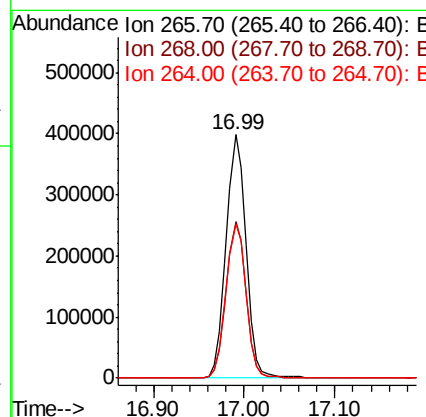
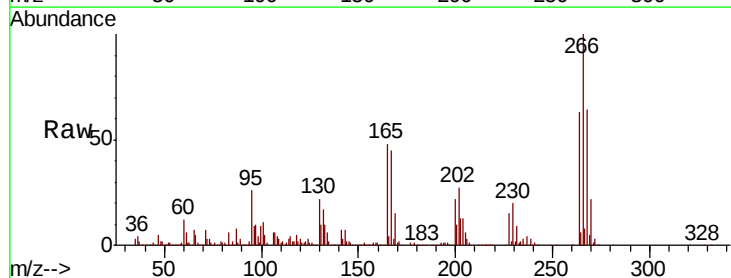
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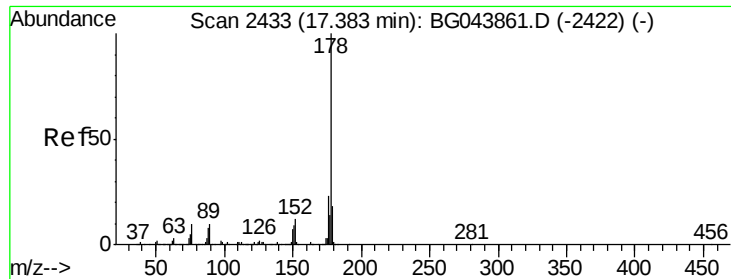
mohammad
1/6/2020 11:41:48 AM



#70
Pentachlorophenol
Concen: 105.723 ng
RT: 16.99 min Scan# 2366
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.1	52.6	79.0	
264	63.3	50.8	76.2	





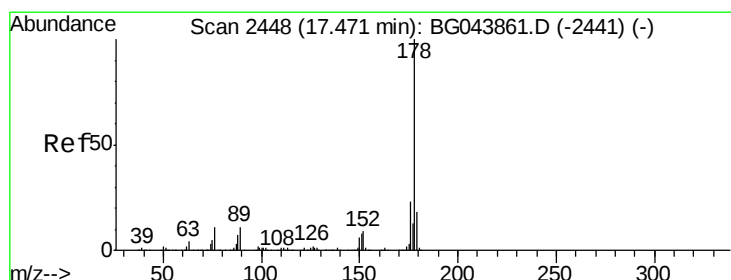
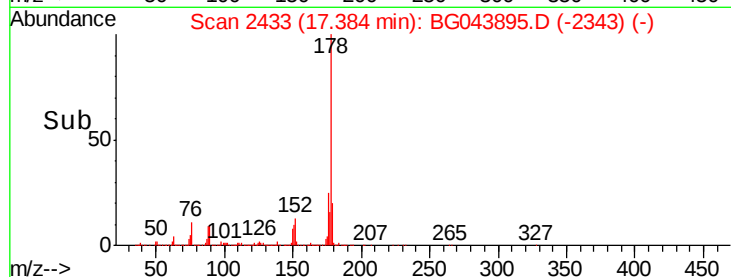
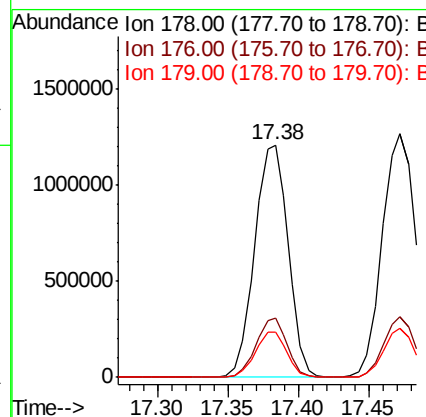
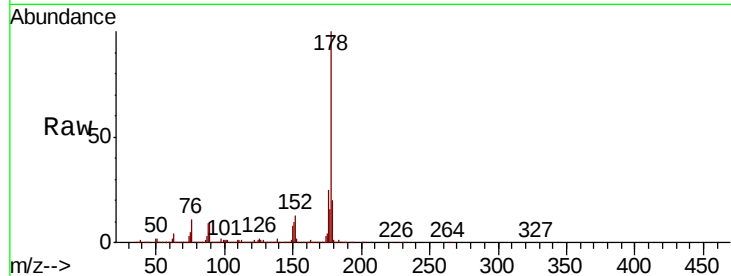
#71
Phenanthrene
Concen: 48.840 ng
RT: 17.38 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Instrument :
BNA_G
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	25.5	18.6	28.0
179	19.7	14.4	21.6

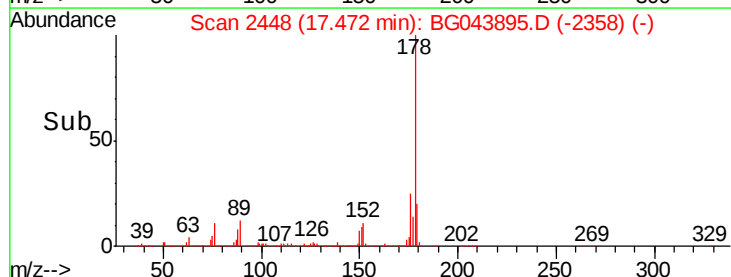
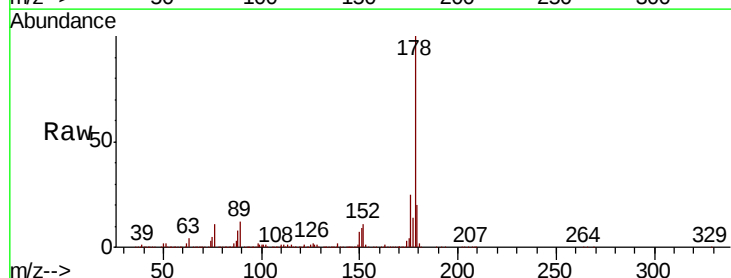
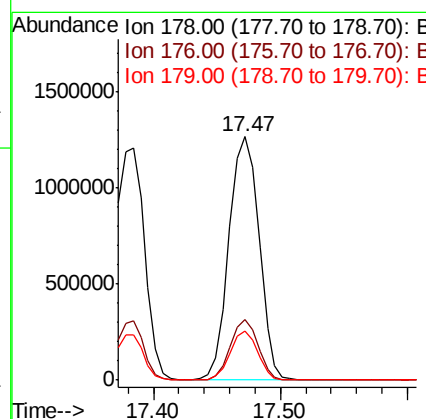
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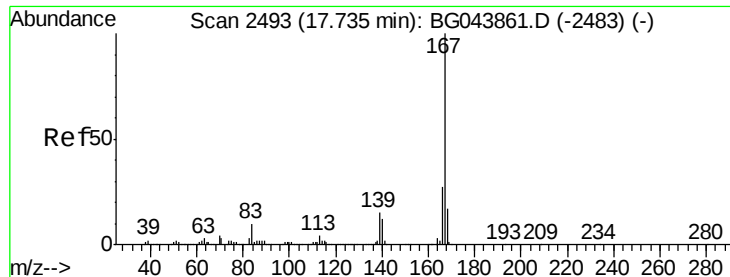
mohammad
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#72
Anthracene
Concen: 51.023 ng
RT: 17.47 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	25.1	18.3	27.5
179	20.2	14.6	22.0





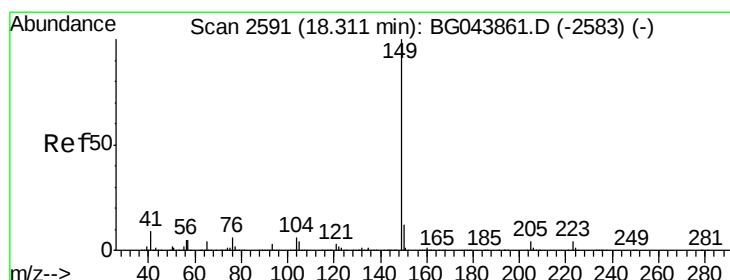
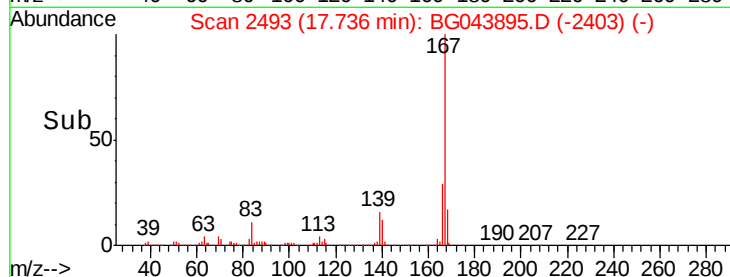
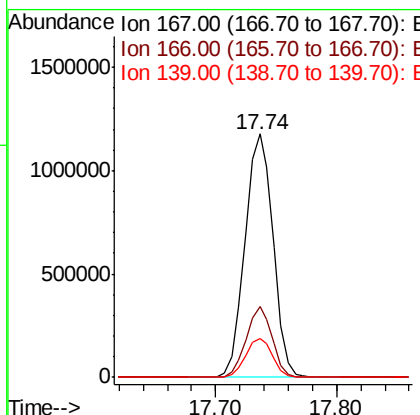
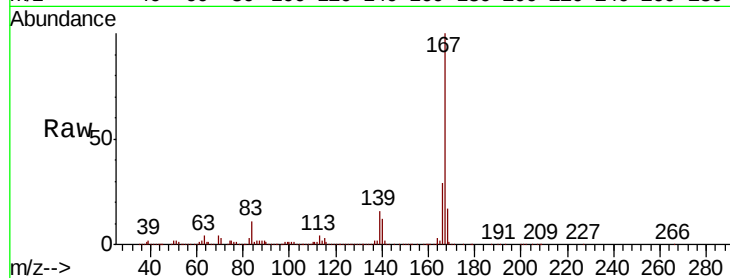
#73
 Carbazole
 Concen: 50.553 ng
 RT: 17.74 min Scan# 2493
 Delta R.T. 0.00 min
 Lab File: BG043895.D
 Acq: 3 Jan 2020 19:54

Instrument :
 BNA_G
 ClientSampleId :
 GW-1MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	29.2	21.6	32.4
139	16.1	12.1	18.1

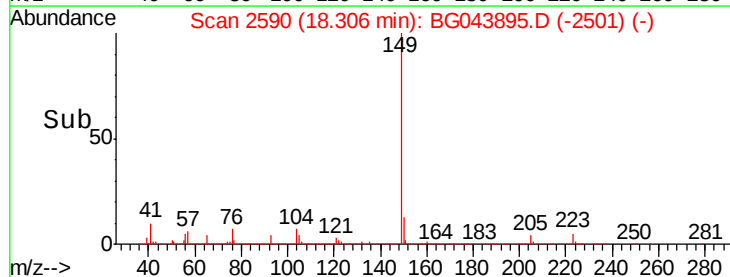
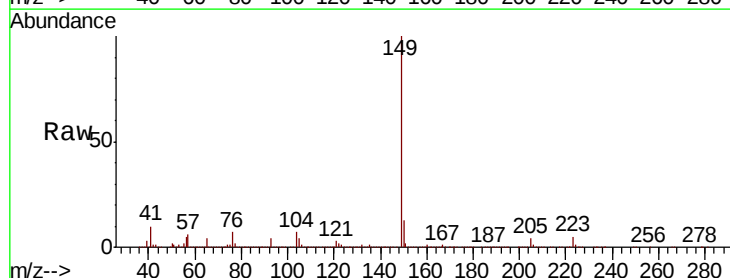
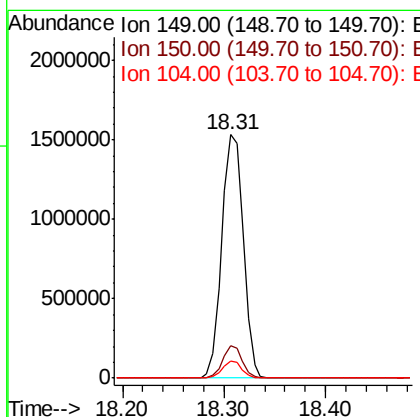
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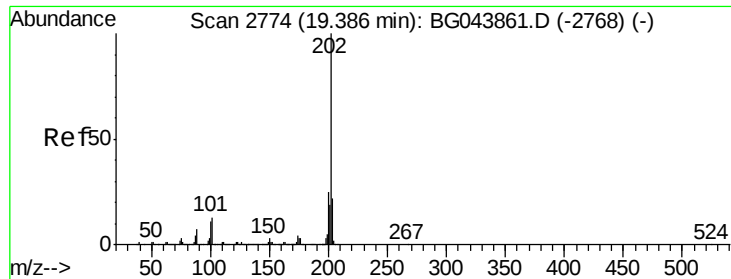
mohammad
 1/6/2020 11:41:48 AM



#74
 Di-n-butylphthalate
 Concen: 47.121 ng
 RT: 18.31 min Scan# 2590
 Delta R.T. -0.00 min
 Lab File: BG043895.D
 Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	13.2	9.7	14.5
104	7.1	5.0	7.4





#75

Fluoranthene

Concen: 47.423 ng

RT: 19.39 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Instrument :

BNA_G

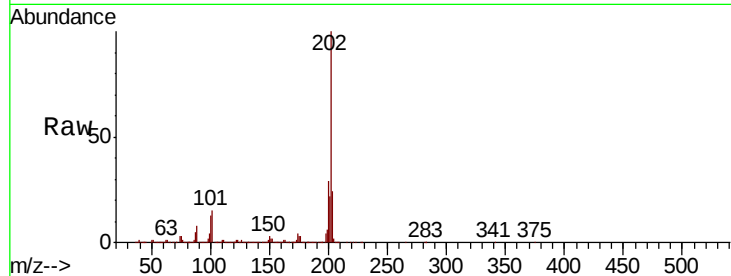
ClientSampleId :

GW-1MSD

Tot Ion:	202	Resp:	2239167
Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	33.3
203	23.8	1.6	41.6

Manual Integrations
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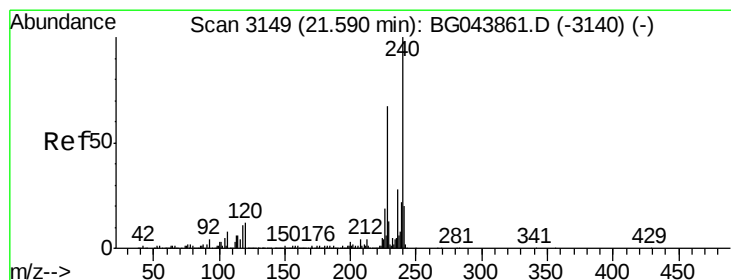
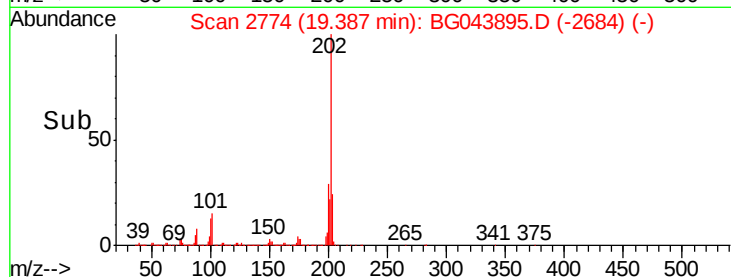
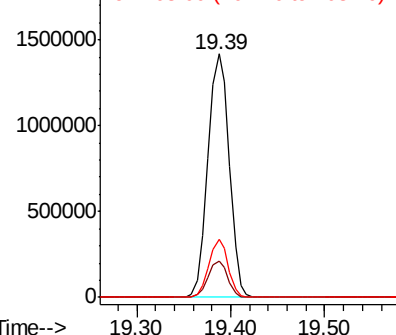


Abundance

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

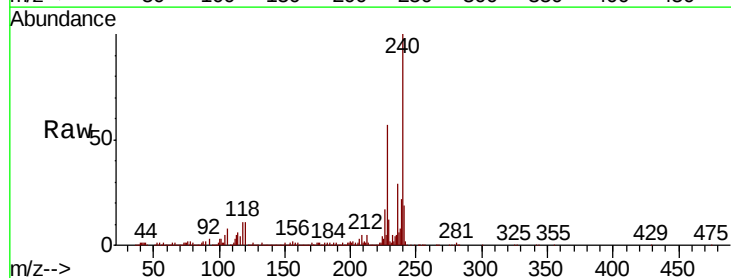
RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Tgt Ion:	240	Resp:	719606
Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.6	14.4
236	28.8	22.2	33.2

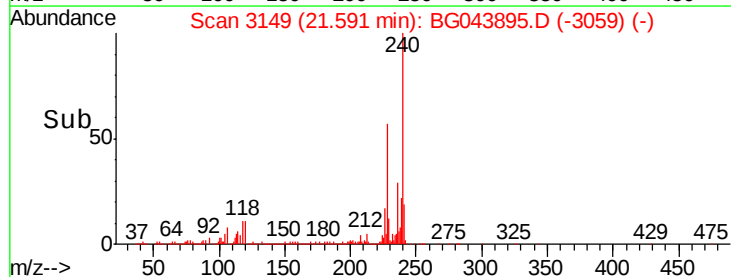
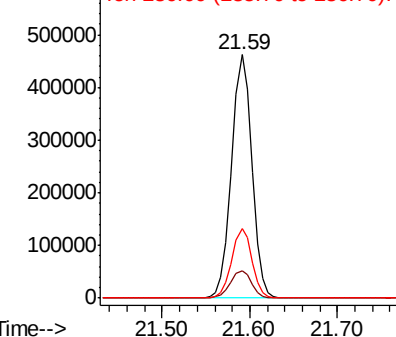


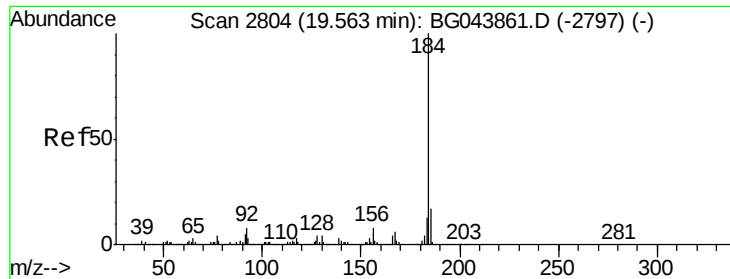
Abundance

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: 51.791 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Instrument :

BNA_G

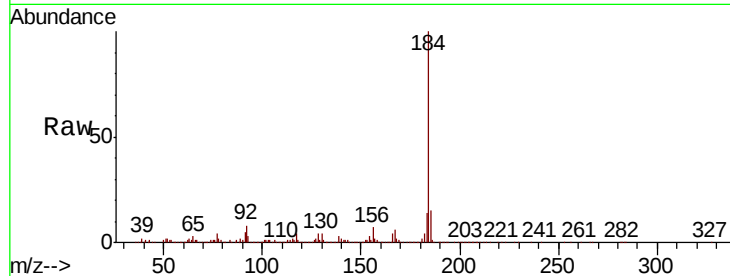
ClientSampleId :

GW-1MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.5	13.4	20.0
183	13.9	10.6	15.8

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mohammad
1/6/2020 11:41:48 AM

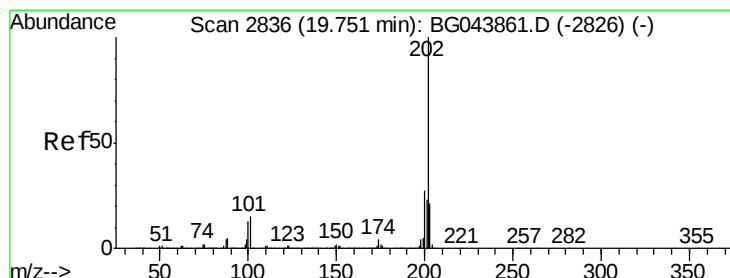
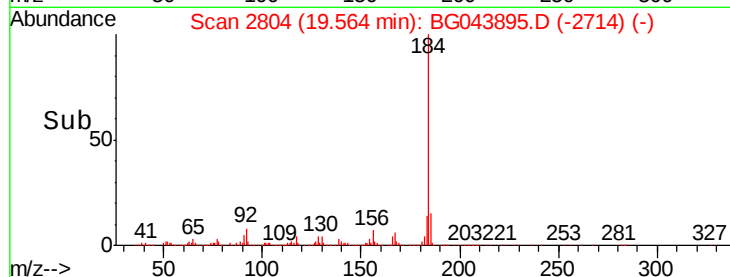
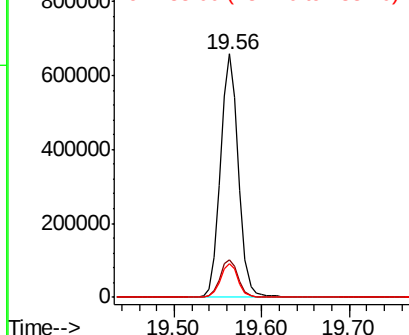


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.243 ng

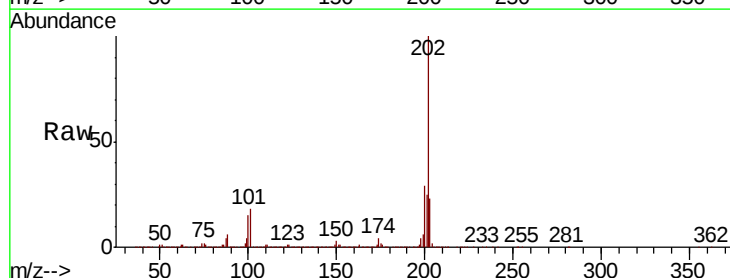
RT: 19.75 min Scan# 2835

Delta R.T. -0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Lower	Upper
202	100		
200	28.7	21.7	32.5
203	23.4	17.0	25.6

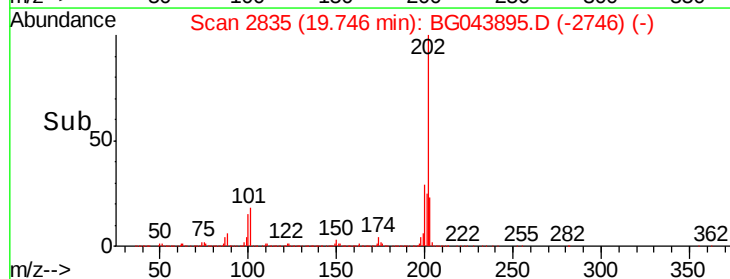
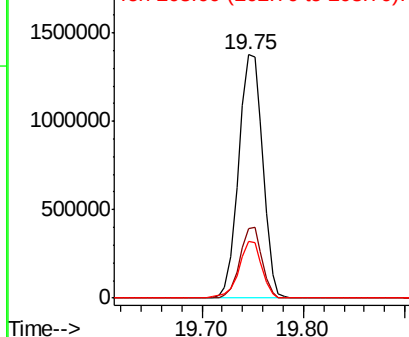


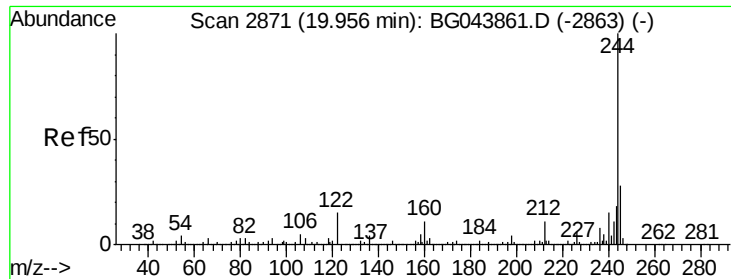
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





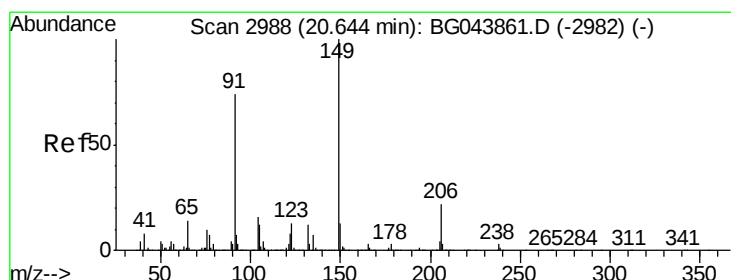
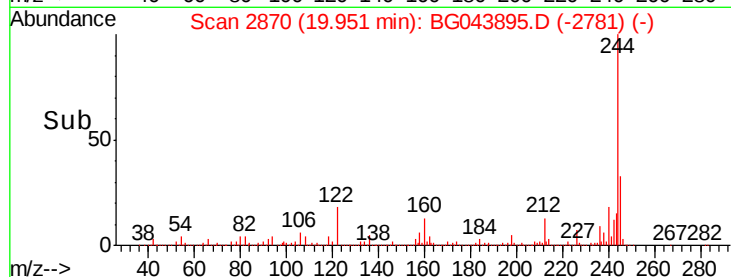
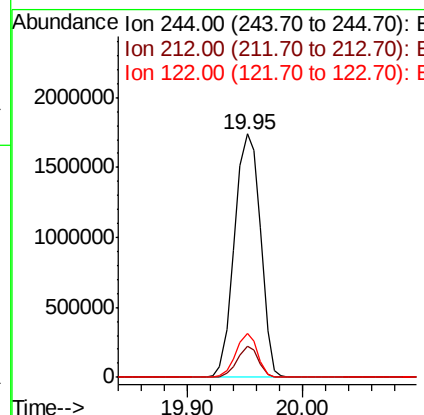
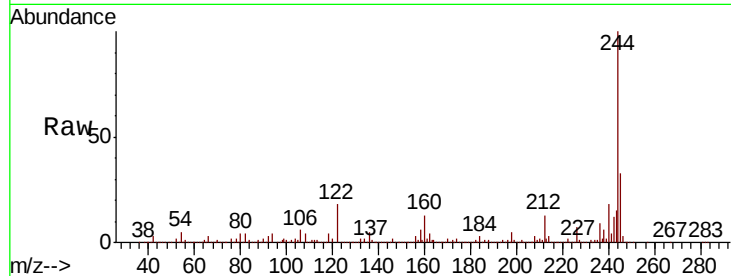
#79
 Terphenyl-d14
 Concen: 93.355 ng
 RT: 19.95 min Scan# 2870
 Delta R.T. -0.00 min
 Lab File: BG043895.D
 Acq: 3 Jan 2020 19:54

Instrument :
 BNA_G
 ClientSampleId :
 GW-1MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	12.7	8.6	13.0
122	18.0	11.9	17.9

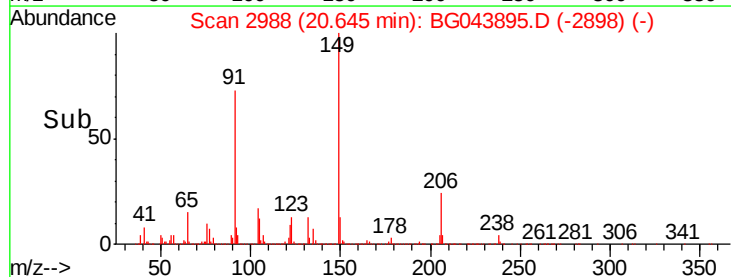
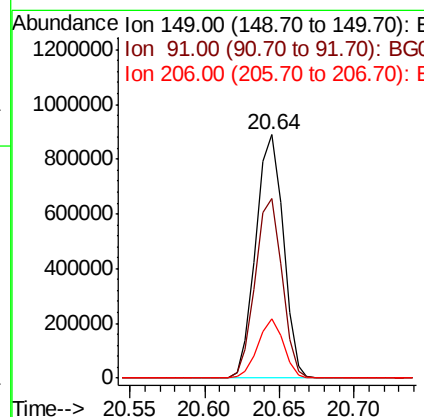
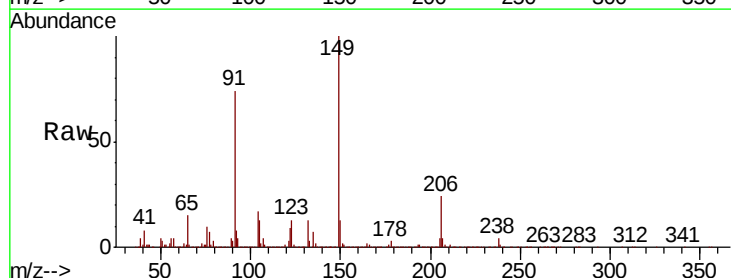
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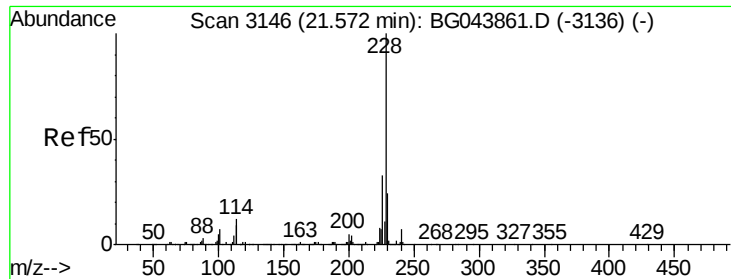
mohammad
 1/6/2020 11:41:48 AM



#80
 Butylbenzylphthalate
 Concen: 50.340 ng
 RT: 20.64 min Scan# 2988
 Delta R.T. 0.00 min
 Lab File: BG043895.D
 Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.6	59.5	89.3
206	24.3	17.8	26.6





#81

Benzo(a)anthracene

Concen: 48.904 ng

RT: 21.57 min Scan# 3146

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Instrument :

BNA_G

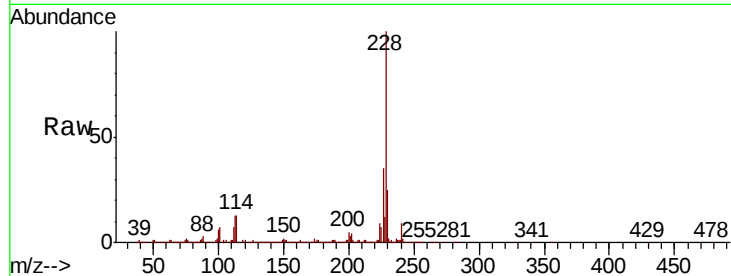
ClientSampleId :

GW-1MSD

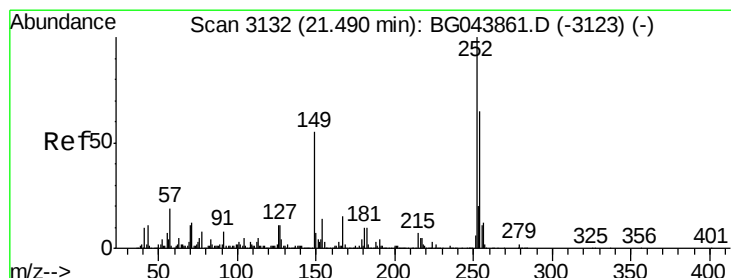
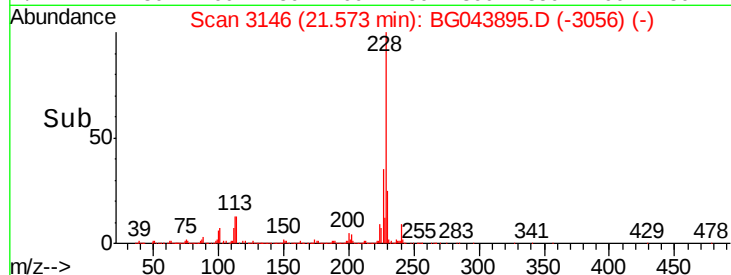
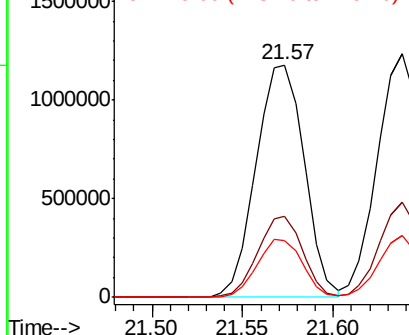
Tot Ion:	228	Resp:	2182144
Ion	Ratio	Lower	Upper
228	100		
226	34.6	26.2	39.4
229	24.6	18.9	28.3

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



#82

3,3'-Dichlorobenzidine

Concen: 24.017 ng

RT: 21.48 min Scan# 3131

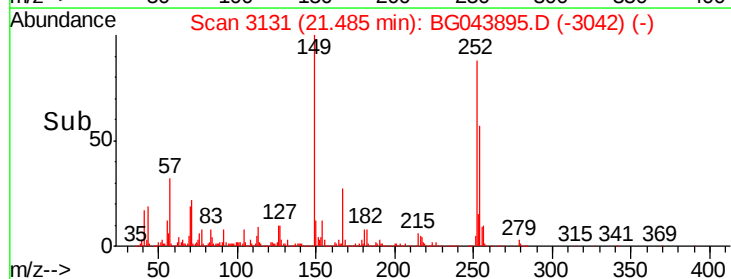
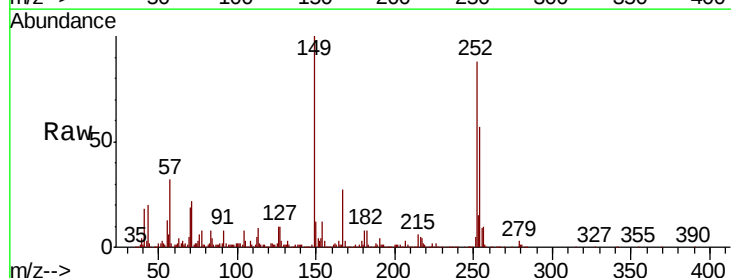
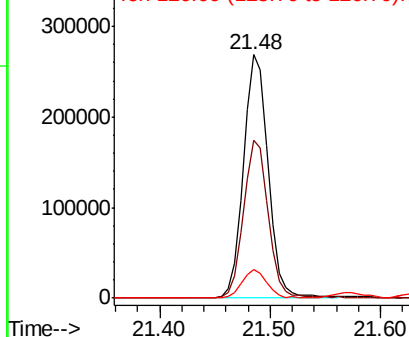
Delta R.T. -0.00 min

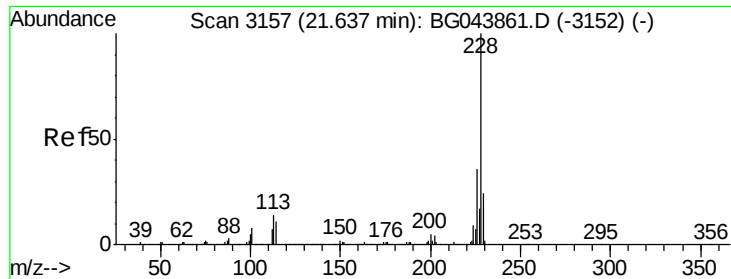
Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Tgt Ion:	252	Resp:	423390
Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.1	78.1
126	12.0	9.1	13.7

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





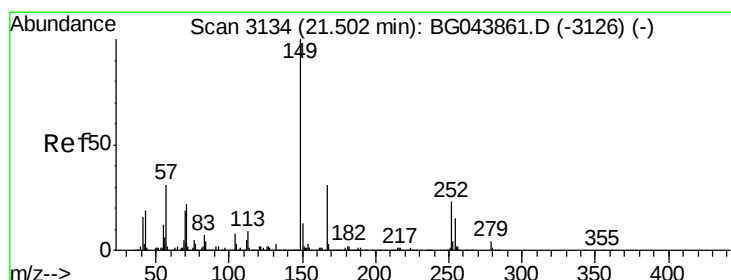
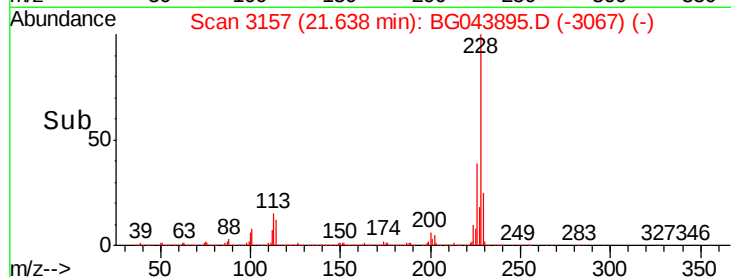
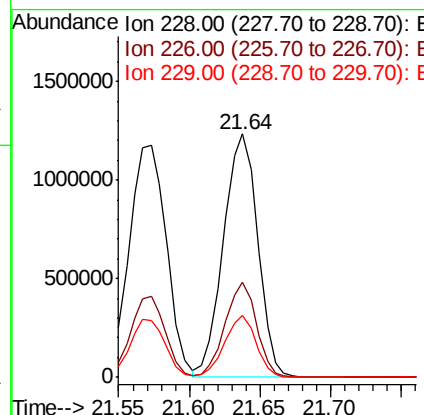
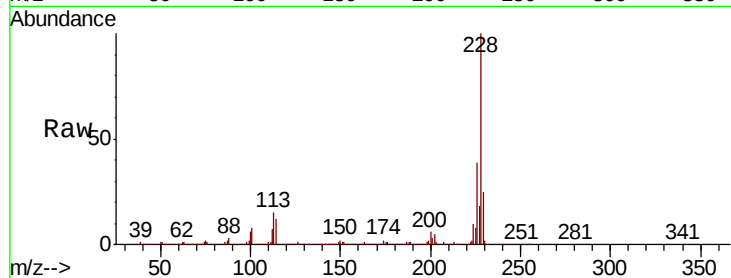
#83
Chrysene
Concen: 49.086 ng
RT: 21.64 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Instrument :
BNA_G
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	38.8	28.8	43.2
229	25.5	19.0	28.6

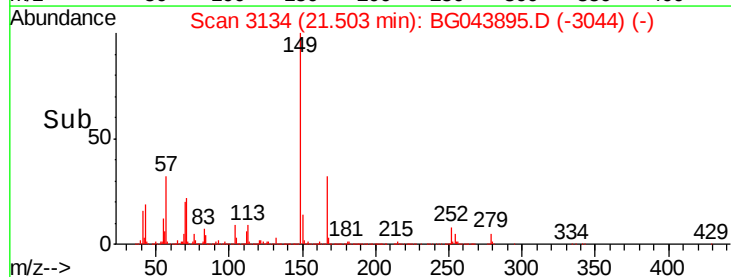
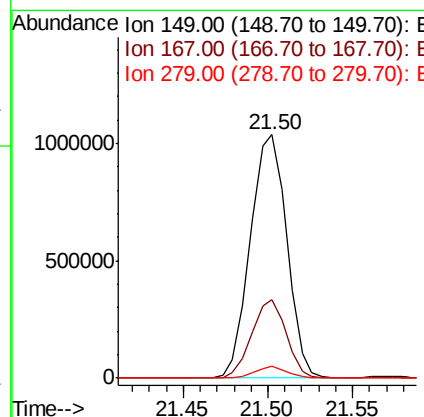
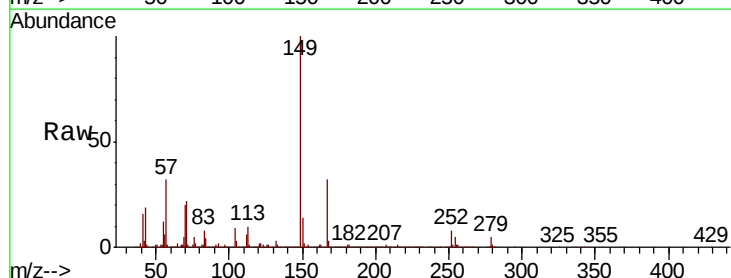
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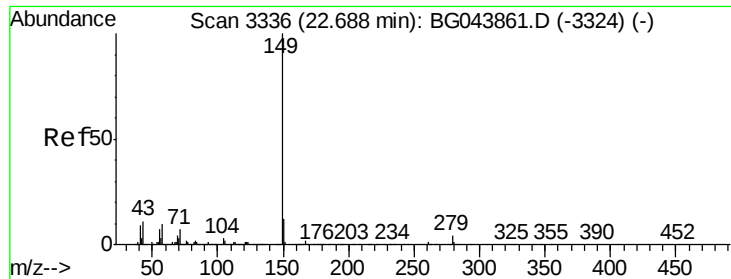
mohammad
1/6/2020 11:41:48 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.630 ng
RT: 21.50 min Scan# 3134
Delta R.T. 0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.3	24.7	37.1
279	4.7	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 50.987 ng

RT: 22.68 min Scan# 3335

Delta R.T. -0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Instrument :

BNA_G

ClientSampleId :

GW-1MSD

Tot Ion:149 Resp: 2644905

Ion Ratio Lower Upper

149 100

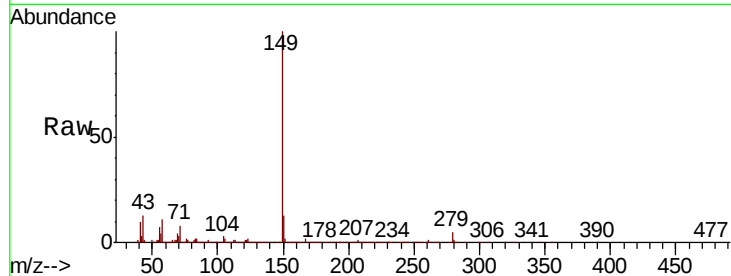
167 1.9 1.4 2.0

43 11.7 8.8 13.2

Manual Integrations
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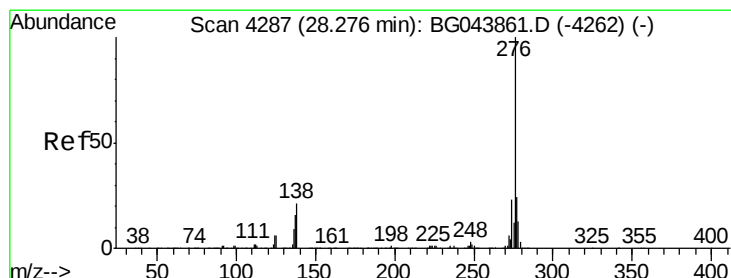
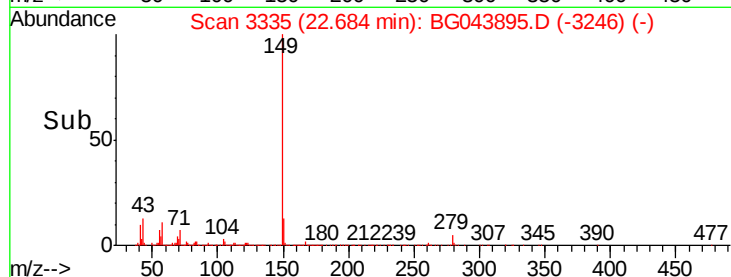
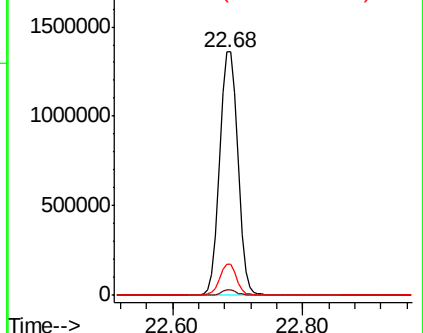
1/6/2020 11:41:48 AM



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: 49.967 ng

RT: 28.27 min Scan# 4286

Delta R.T. -0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

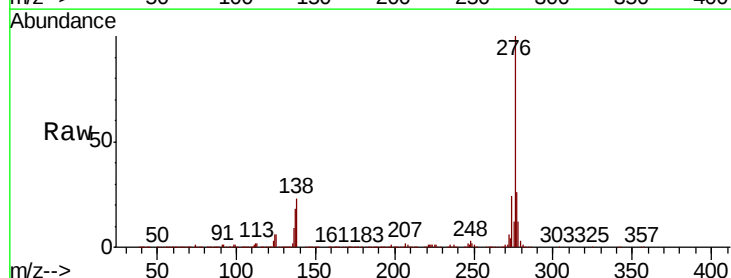
Tgt Ion:276 Resp: 2879087

Ion Ratio Lower Upper

276 100

138 27.3 21.0 31.4

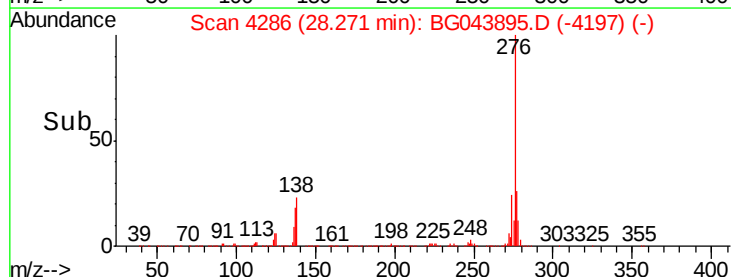
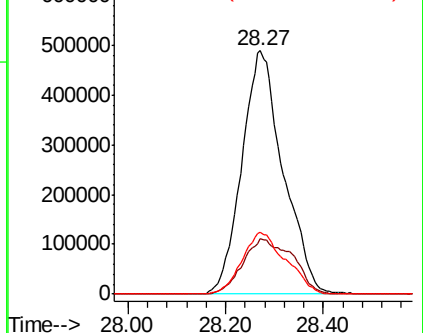
277 26.8 21.1 31.7

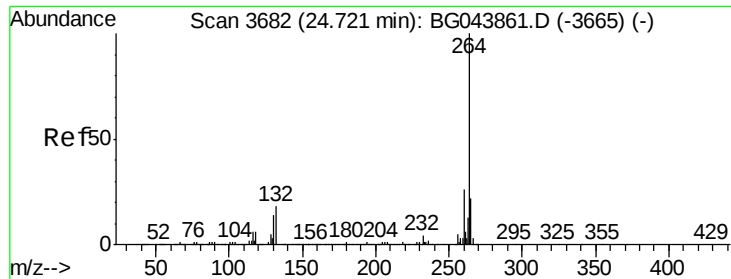


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





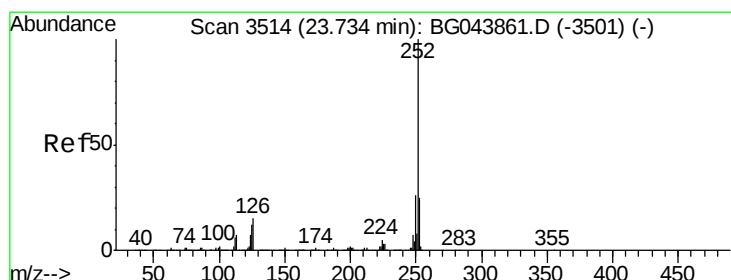
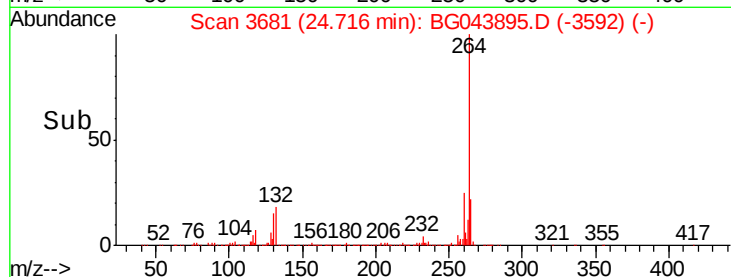
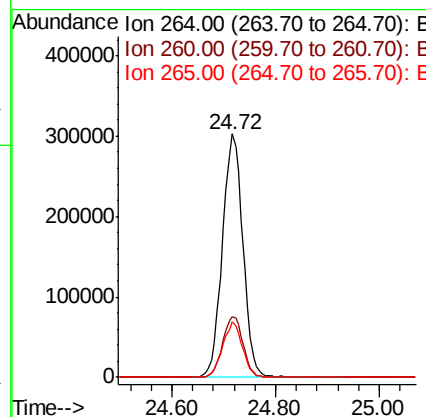
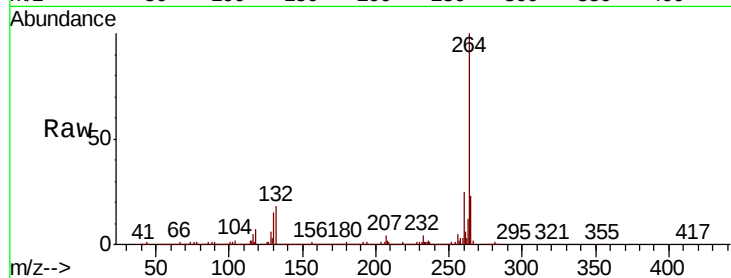
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Instrument :
BNA_G
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.4	30.6
265	22.7	17.4	26.2

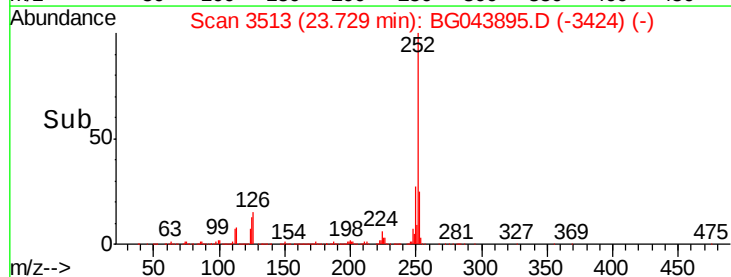
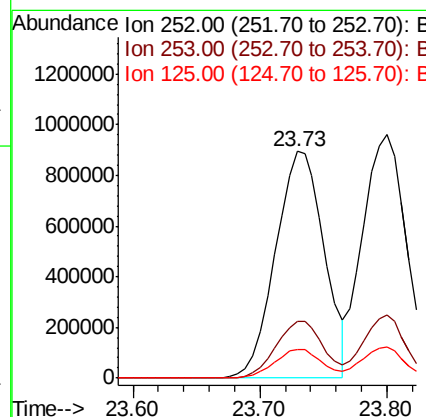
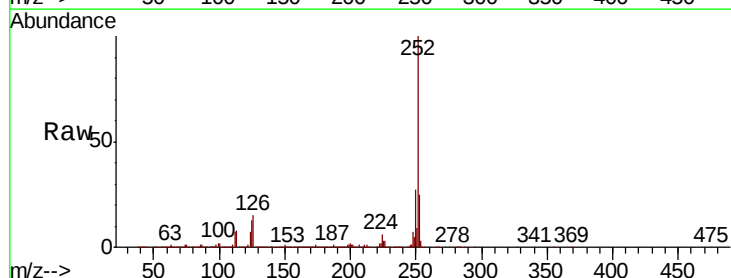
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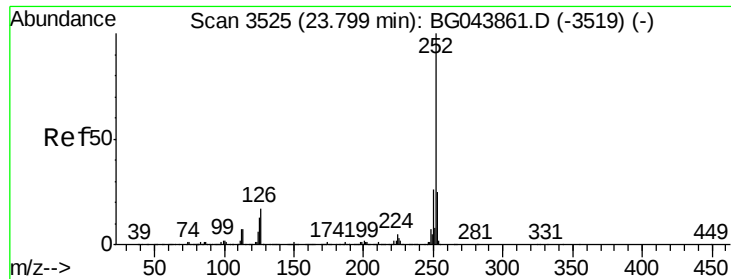
mohammad
1/6/2020 11:41:48 AM



#88
Benzo(b)fluoranthene
Concen: 48.433 ng
RT: 23.73 min Scan# 3513
Delta R.T. -0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.7	29.5
125	12.6	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 49.197 ng

RT: 23.80 min Scan# 3525

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

Instrument :

BNA_G

ClientSampleId :

GW-1MSD

Tot Ion:252 Resp: 2305270

Ion Ratio Lower Upper

252 100

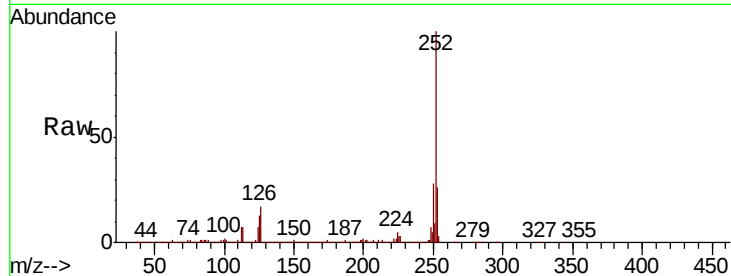
253 25.9 19.4 29.2

125 12.9 9.9 14.9

Manual Integrations
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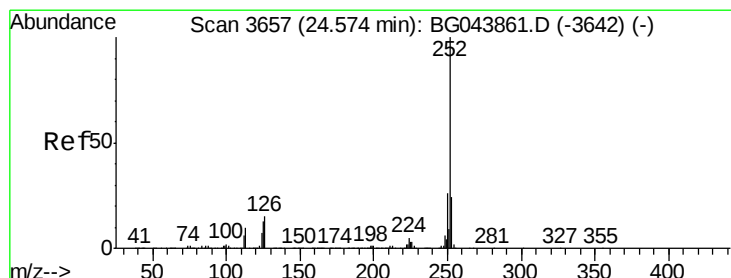
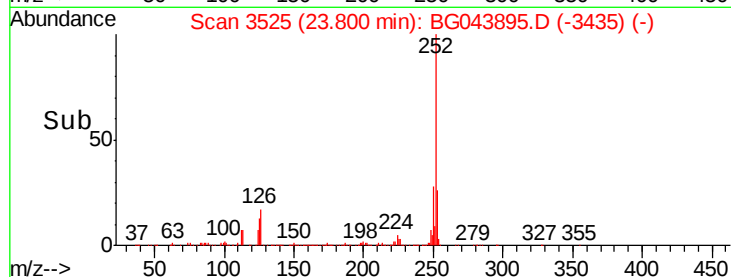
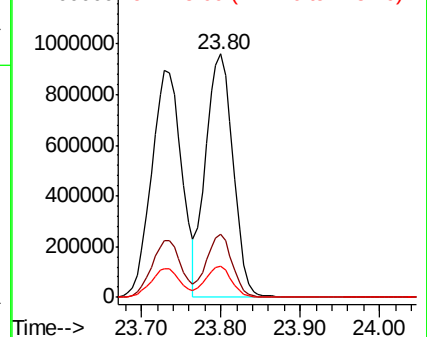


Abundance

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



#90

Benzo(a)pyrene

Concen: 47.634 ng

RT: 24.58 min Scan# 3657

Delta R.T. 0.00 min

Lab File: BG043895.D

Acq: 3 Jan 2020 19:54

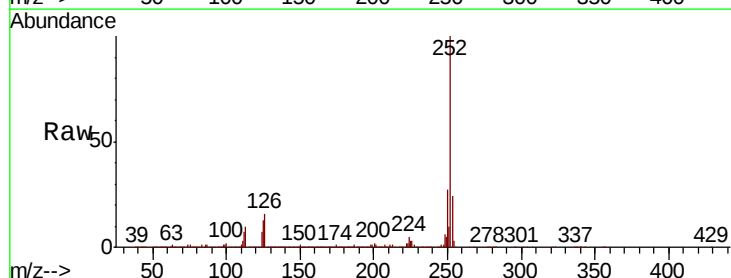
Tgt Ion:252 Resp: 2215359

Ion Ratio Lower Upper

252 100

253 24.3 19.3 28.9

125 13.4 10.4 15.6

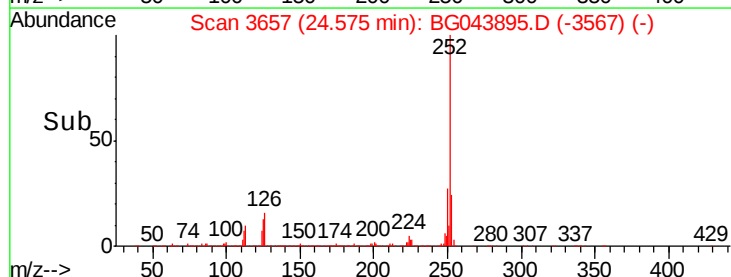
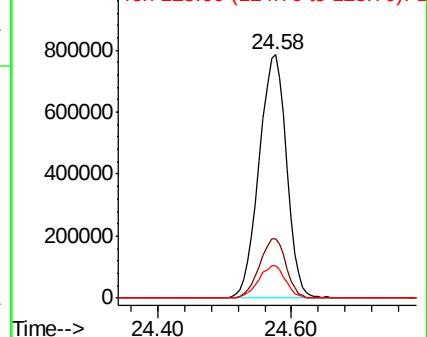


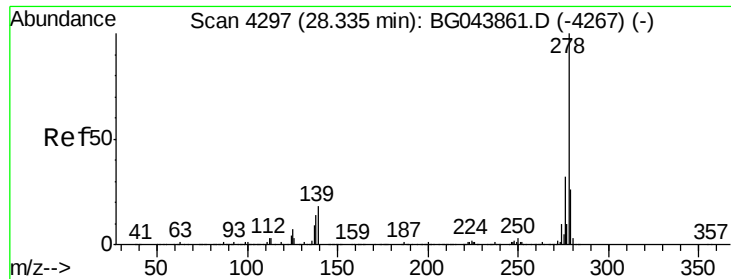
Abundance

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





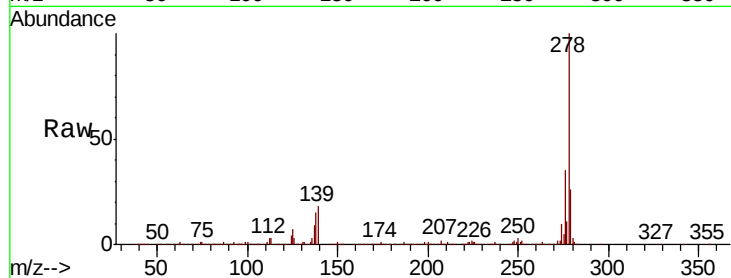
#91
Dibenzo(a,h)anthracene
Concen: 50.434 ng
RT: 28.33 min Scan# 4296
Delta R.T. -0.00 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Instrument :
BNA_G
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.2	21.4
279	26.1	20.6	30.8

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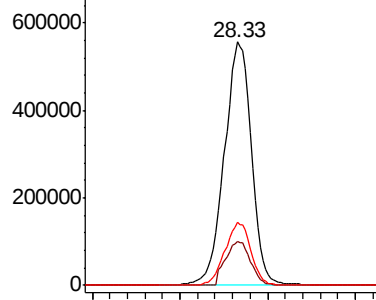


Abundance

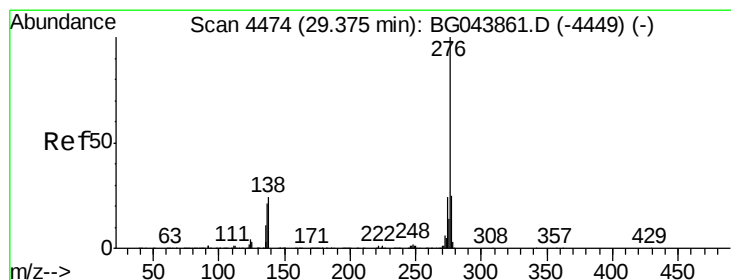
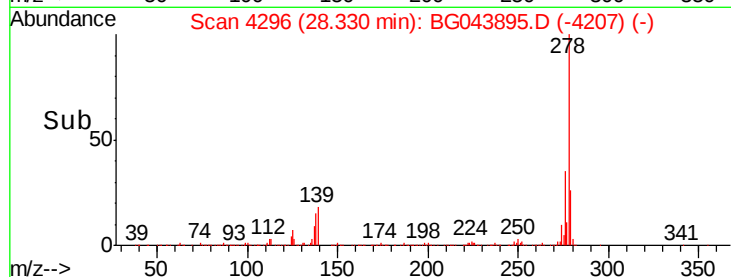
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

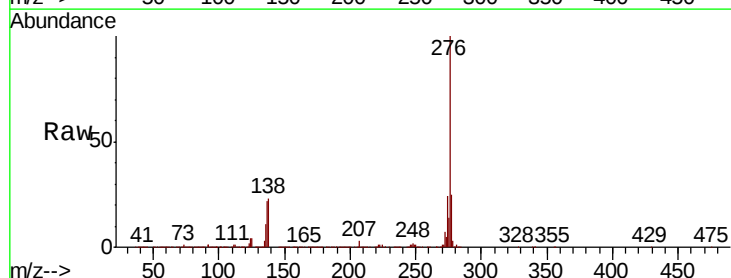


Time-->



#92
Benzo(g,h,i)perylene
Concen: 51.517 ng
RT: 29.38 min Scan# 4475
Delta R.T. 0.01 min
Lab File: BG043895.D
Acq: 3 Jan 2020 19:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	20.2	30.4
138	22.9	19.0	28.6

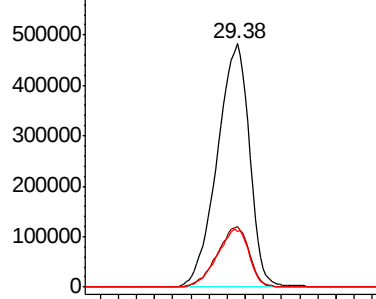


Abundance

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-->

