

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
 Data File : BG043036.D
 Acq On : 4 Oct 2019 20:12
 Operator : JU
 Sample : K5168-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Manual Integrations
 APPROVED

mohammad
 10/9/2019 8:31:51 AM

Quant Time: Oct 05 06:26:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	71064	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	260481	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	185782	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	431140	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	462144	20.00	ng	-0.02
87) Perylene-d12	24.91	264	550138	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	443112	111.28	ng	-0.01
7) Phenol-d6	7.24	99	640534	111.70	ng	0.00
23) Nitrobenzene-d5	9.22	82	392717	73.28	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	359727	112.60	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	869130	67.82	ng	-0.02
79) Terphenyl-d14	20.03	244	1512197	69.73	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	54595	32.884	ng	94
3) Pyridine	3.94	79	142526	30.522	ng	91
4) n-Nitrosodimethylamine	3.85	42	84846	37.784	ng	# 86
6) Aniline	7.39	93	249836	36.093	ng	97
8) 2-Chlorophenol	7.63	128	193856	46.682	ng	100
9) Benzaldehyde	7.20	77	118861	33.921	ng	90
10) Phenol	7.27	94	269154	51.159	ng	91
11) bis(2-Chloroethyl)ether	7.48	93	171002	42.009	ng	94
12) 1,3-Dichlorobenzene	7.95	146	209096	39.470	ng	98
13) 1,4-Dichlorobenzene	8.10	146	213729	40.471	ng	99
14) 1,2-Dichlorobenzene	8.42	146	200034	39.786	ng	97
15) Benzyl Alcohol	8.30	79	188256	43.666	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	262612	33.593	ng	97
17) 2-Methylphenol	8.51	107	166671	45.276	ng	98
18) Hexachloroethane	9.15	117	77206	38.818	ng	97
19) n-Nitroso-di-n-propylamine	8.86	70	151864	40.332	ng	96
20) 3+4-Methylphenols	8.83	107	227768	45.149	ng	96
22) Acetophenone	8.88	105	289996	43.190	ng	# 95
24) Nitrobenzene	9.26	77	228900	44.779	ng	97
25) Isophorone	9.79	82	422902	44.925	ng	98
26) 2-Nitrophenol	9.97	139	113016	51.936	ng	97
27) 2,4-Dimethylphenol	10.04	122	187255	56.033	ng	95
28) bis(2-Chloroethoxy)methane	10.27	93	236027	44.192	ng	96
29) 2,4-Dichlorophenol	10.51	162	211438	50.872	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	233513	43.507	ng	96
31) Naphthalene	10.91	128	584959	45.620	ng	99
32) Benzoic acid	10.19	122	129730	49.534	ng	89
33) 4-Chloroaniline	11.02	127	168196	30.229	ng	93
34) Hexachlorobutadiene	11.21	225	166183	41.352	ng	100
35) Caprolactam	11.80	113	66739m	45.534	ng	
36) 4-Chloro-3-methylphenol	12.14	107	219963	48.675	ng	95
37) 2-Methylnaphthalene	12.51	142	444299	45.420	ng	95
38) 1-Methylnaphthalene	12.74	142	423123	45.713	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	298096	42.675	ng	99

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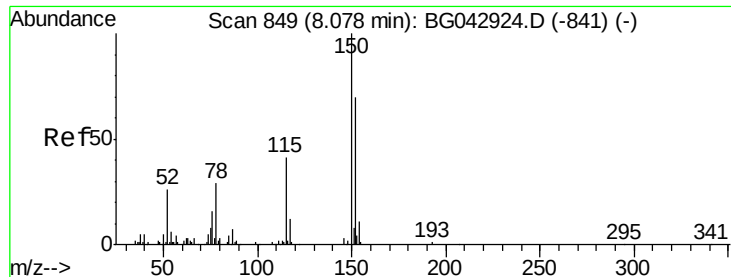
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	419117	94.169	nq	95
43) 2,4,6-Trichlorophenol	13.12	196	198312	48.505	nq	99
44) 2,4,5-Trichlorophenol	13.19	196	208427	49.487	nq	95
46) 1,1'-Biphenyl	13.52	154	605333	42.966	nq	99
47) 2-Chloronaphthalene	13.56	162	469204	44.420	nq	99
48) 2-Nitroaniline	13.76	65	151855	43.231	nq	90
49) Acenaphthylene	14.40	152	757108	46.842	nq	99
50) Dimethylphthalate	14.14	163	756552	54.350	nq	99
51) 2,6-Dinitrotoluene	14.25	165	142646	48.120	nq	94
52) Acenaphthene	14.74	154	472024	43.631	nq	98
53) 3-Nitroaniline	14.59	138	99090	32.345	nq	98
54) 2,4-Dinitrophenol	14.79	184	181067	98.268	nq	91
55) Dibenzofuran	15.08	168	731616	45.715	nq	98
56) 4-Nitrophenol	14.90	139	228294	97.804	nq	93
57) 2,4-Dinitrotoluene	15.04	165	201021	46.307	nq	98
58) Fluorene	15.73	166	614783	44.995	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	212061	47.288	nq	98
60) Diethylphthalate	15.50	149	613155	43.282	nq	99
61) 4-Chlorophenyl-phenylether	15.72	204	360668	44.014	nq	99
62) 4-Nitroaniline	15.75	138	142138	42.542	nq	98
63) Azobenzene	16.01	77	545183	42.270	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	125939	51.621	nq	93
66) n-Nitrosodiphenylamine	15.93	169	552017	48.501	nq	98
67) 4-Bromophenyl-phenylether	16.61	248	250073	46.214	nq	96
68) Hexachlorobenzene	16.73	284	275723	45.763	nq	97
69) Atrazine	16.88	200	210407	43.901	nq	96
70) Pentachlorophenol	17.08	266	355136	102.151	nq	100
71) Phenanthrene	17.47	178	986280	46.858	nq	98
72) Anthracene	17.56	178	999321	47.557	nq	99
73) Carbazole	17.82	167	899566	46.165	nq	100
74) Di-n-butylphthalate	18.38	149	1030135	44.309	nq	99
75) Fluoranthene	19.47	202	1311804	47.119	nq	99
77) Benzidine	19.65	184	712895	61.607	nq	99
78) Pyrene	19.83	202	1312568	47.585	nq	99
80) Butylbenzylphthalate	20.72	149	485545	46.375	nq	96
81) Benzo(a)anthracene	21.67	228	1326550	46.067	nq	98
82) 3,3'-Dichlorobenzidine	21.59	252	389223	34.463	nq	99
83) Chrysene	21.74	228	1284930	45.982	nq	100
84) Bis(2-ethylhexyl)phthalate	21.58	149	698999	46.918	nq	98
85) Di-n-octyl phthalate	22.79	149	1181812	48.511	nq	97
86) Indeno(1,2,3-cd)pyrene	28.58	276	1697581	48.798	nq	# 96
88) Benzo(b)fluoranthene	23.89	252	1465250	47.071	nq	99
89) Benzo(k)fluoranthene	23.96	252	1368330	44.434	nq	99
90) Benzo(a)pyrene	24.76	252	1412697	48.103	nq	98
91) Dibenzo(a,h)anthracene	28.65	278	1431629	47.539	nq	99
92) Benzo(g,h,i)perylene	29.73	276	1407798	48.247	nq	99

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



#1

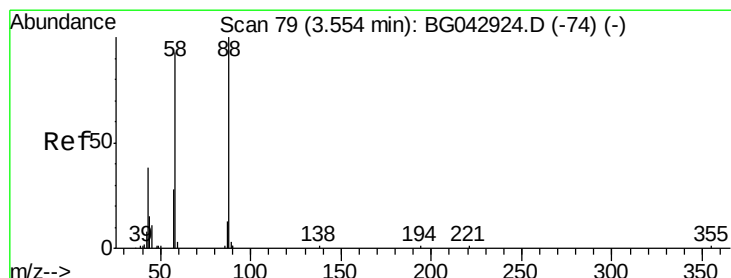
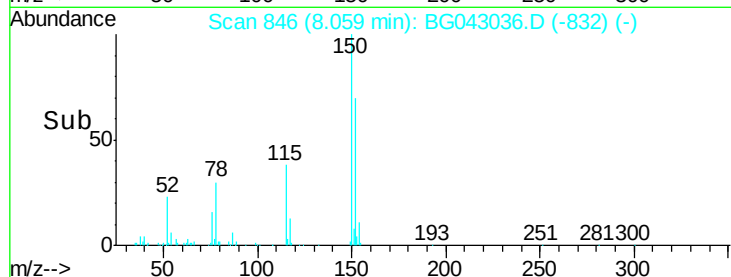
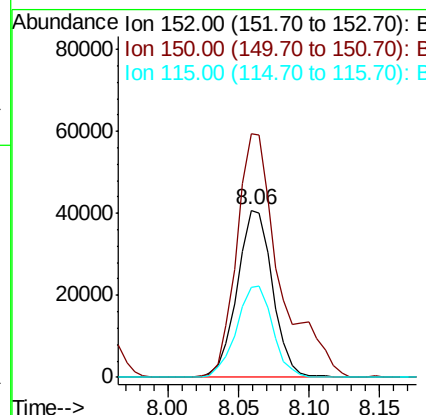
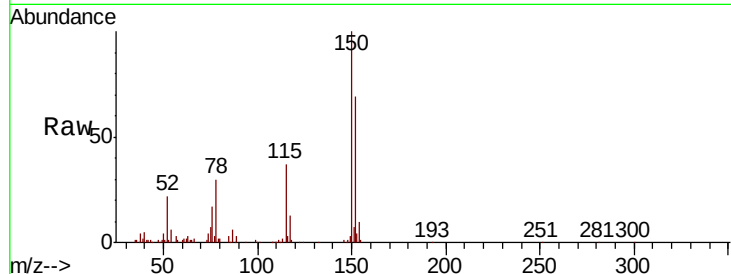
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.8	115.0	172.4
115	53.7	47.0	70.6

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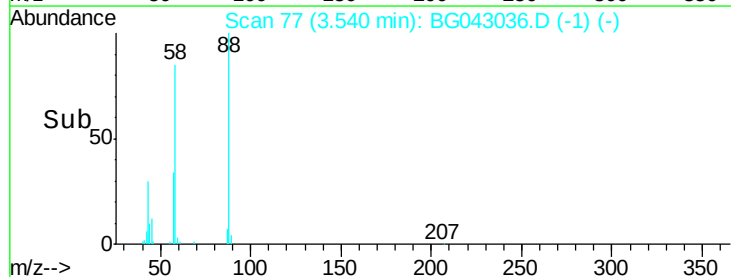
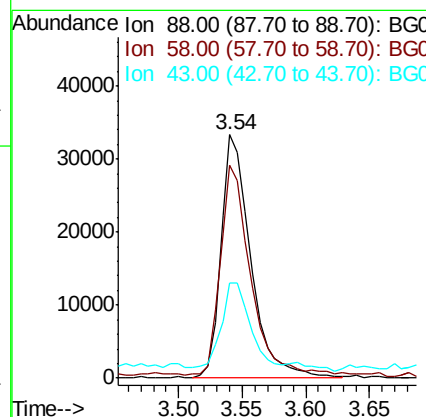
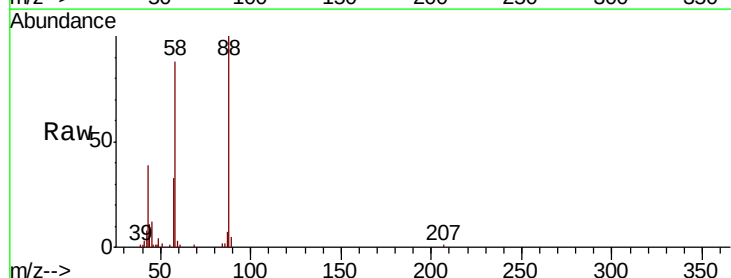
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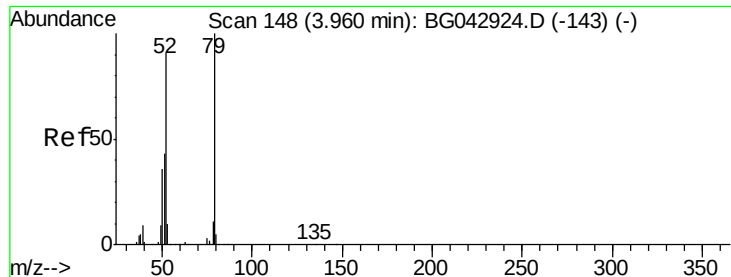


#2

1,4-Dioxane
Concen: 32.884 ng
RT: 3.54 min Scan# 77
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.9	74.3	111.5
43	32.5	29.8	44.8





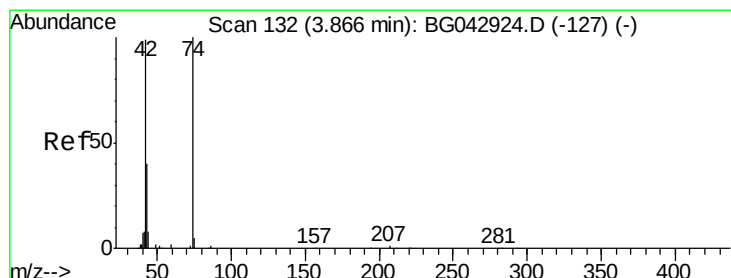
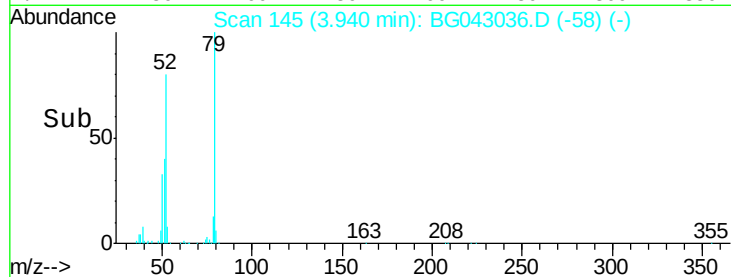
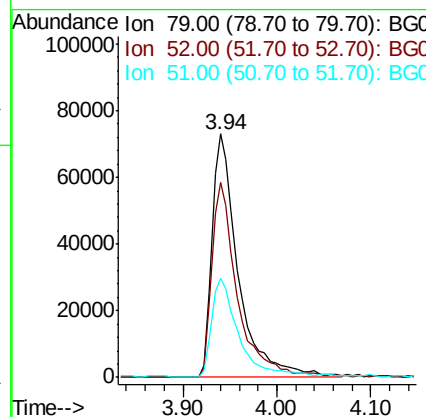
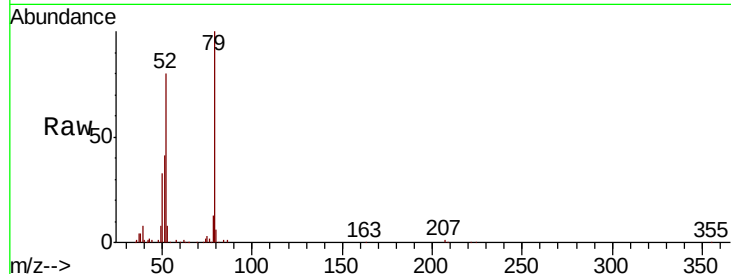
#3
 Pvridine
 Concen: 30.522 ng
 RT: 3.94 min Scan# 145
 Delta R.T. -0.02 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	80.1	73.0	109.4
51	40.8	35.1	52.7

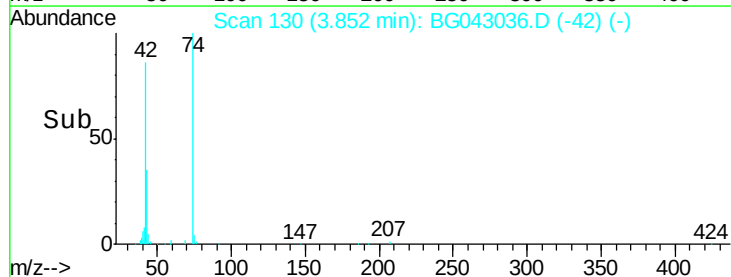
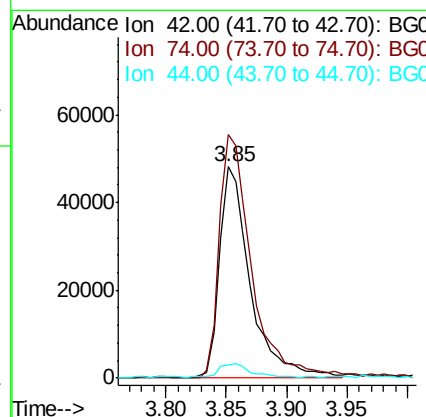
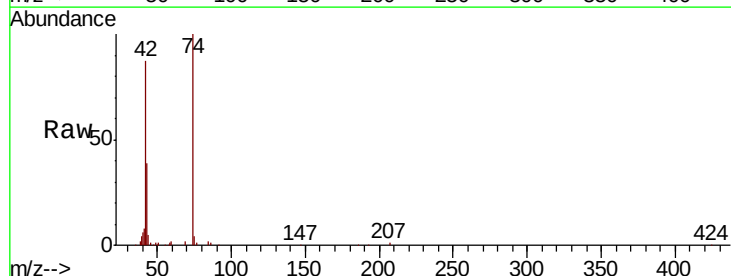
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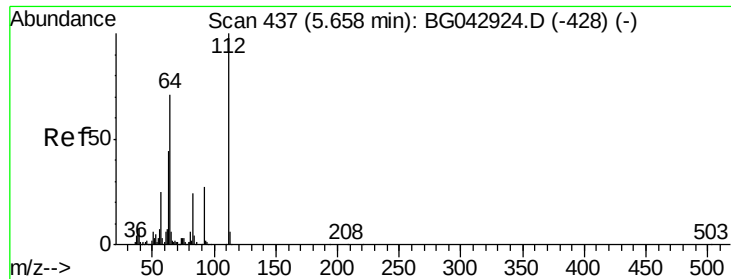
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#4
 n-Nitrosodimethylamine
 Concen: 37.784 ng
 RT: 3.85 min Scan# 130
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	115.3	80.5	120.7
44	6.0	6.9	10.3





#5

2-Fluorophenol

Concen: 111.278 ng

RT: 5.64 min Scan# 435

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

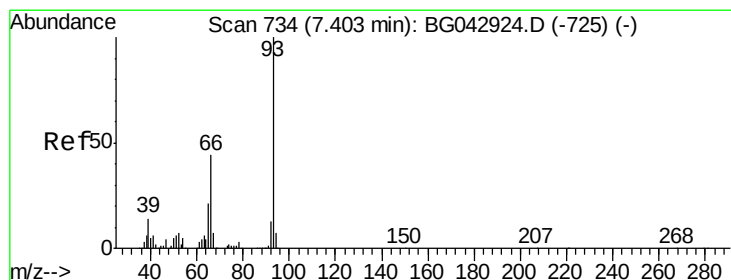
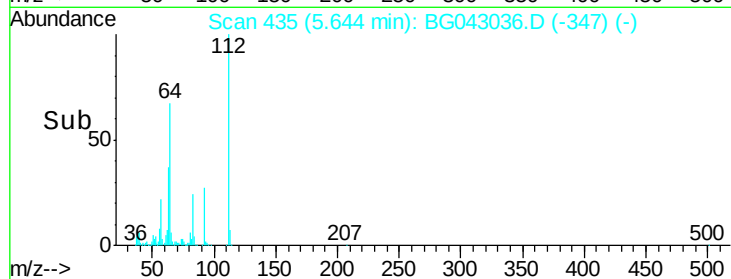
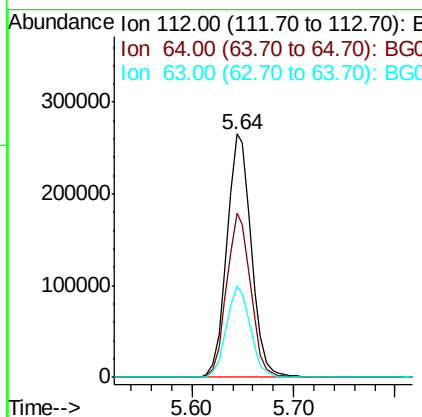
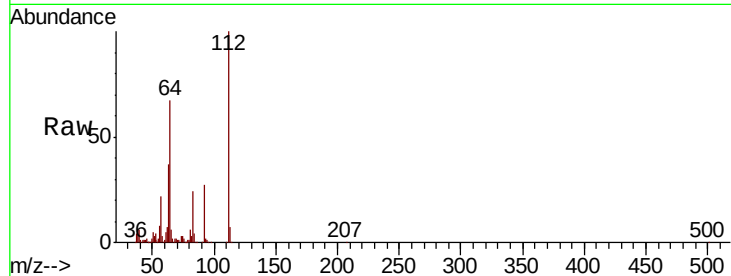
ClientSampleId :

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Tot Ion:	112	Resp:	443112
Ion Ratio	Lower	Upper	
112	100		
64	67.4	56.6	84.8
63	37.4	35.1	52.7

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#6

Aniline

Concen: 36.093 ng

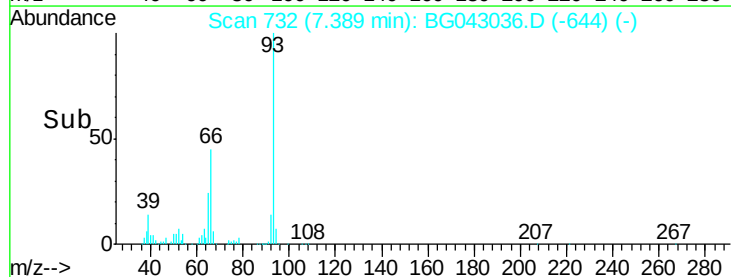
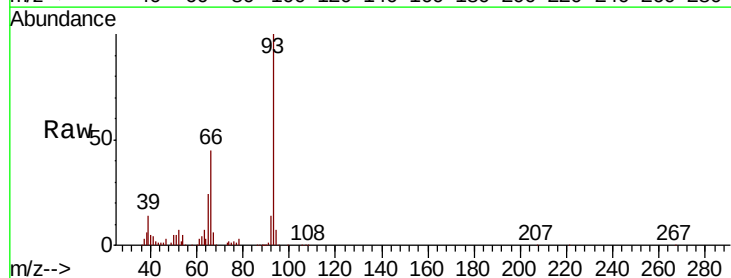
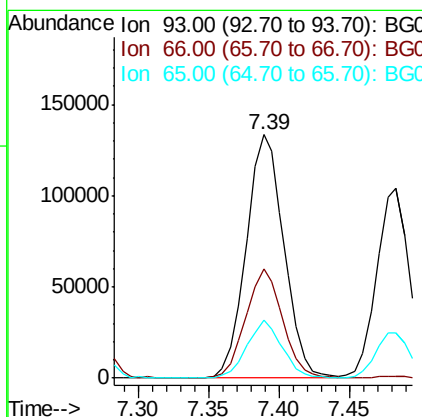
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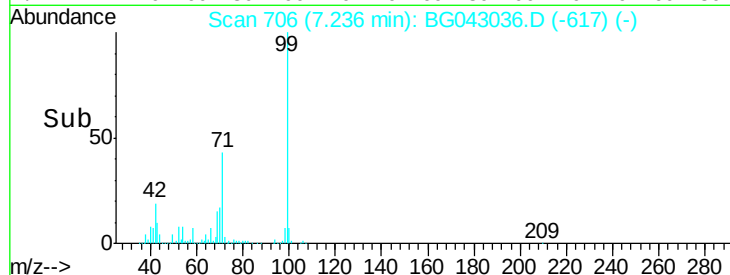
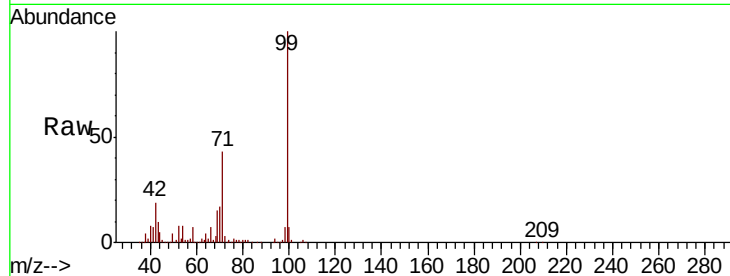
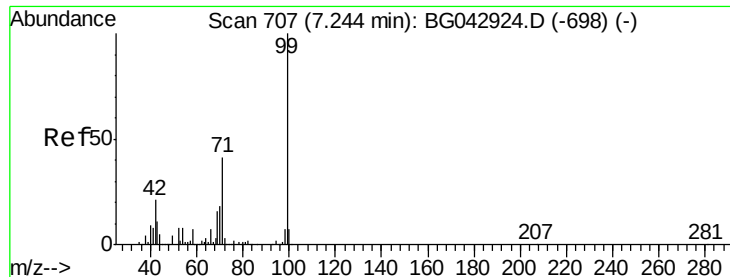
Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Tgt Ion:	93	Resp:	249836
Ion Ratio	Lower	Upper	
93	100		
66	44.9	35.0	52.6
65	23.9	17.4	26.0





#7

Phenol-d6

Concen: 111.701 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Tot Ion:	99	Resp:	640534
Ion Ratio	Lower	Upper	
99	100		
42	19.4	17.2	25.8
71	42.6	33.1	49.7

Instrument :

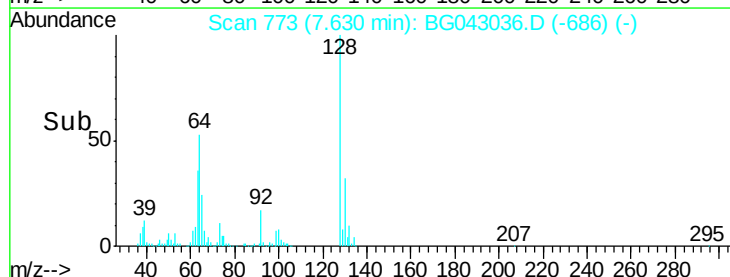
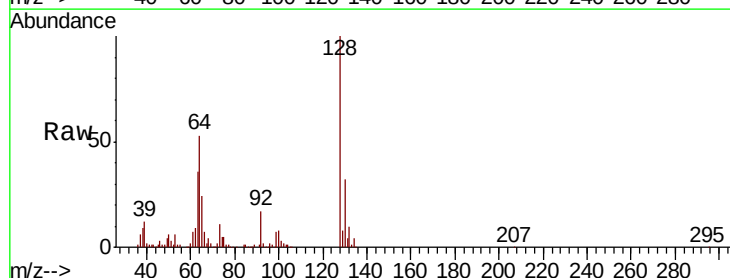
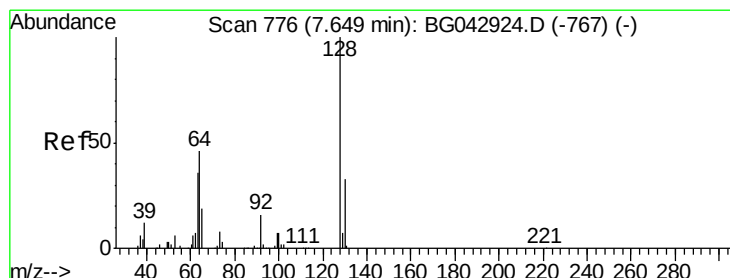
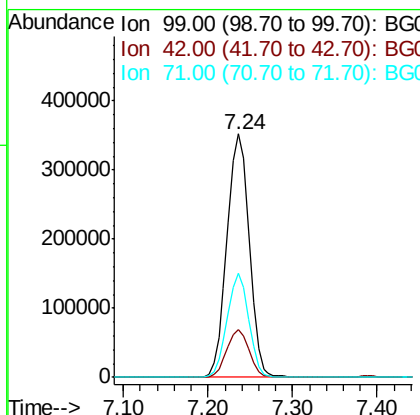
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#8

2-Chlorophenol

Concen: 46.682 ng

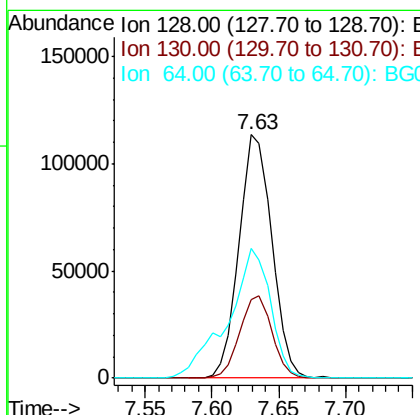
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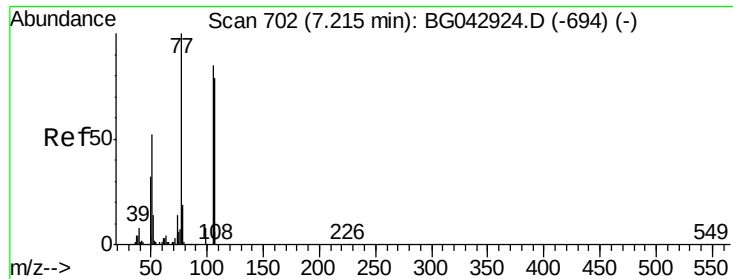
Delta R.T. -0.02 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Tgt Ion:	128	Resp:	193856
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.5	52.5
64	53.1	32.8	72.8





#9

Benzaldehyde

Concen: 33.921 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

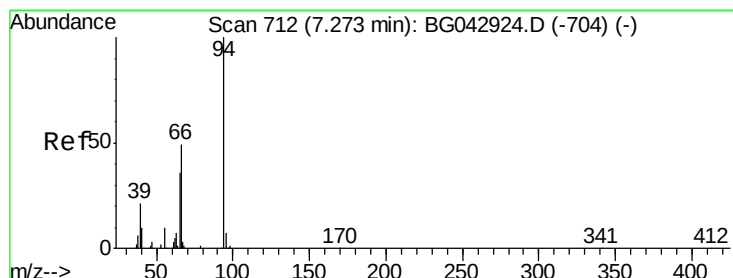
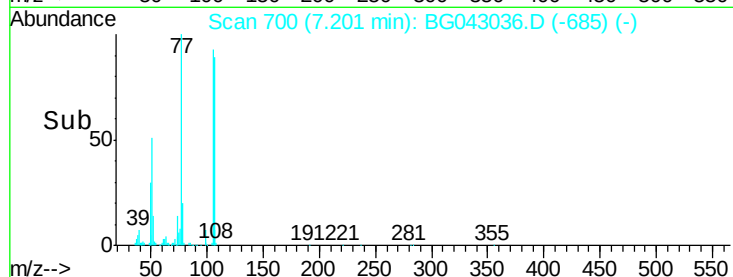
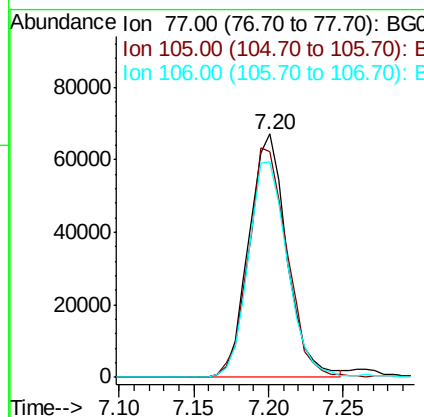
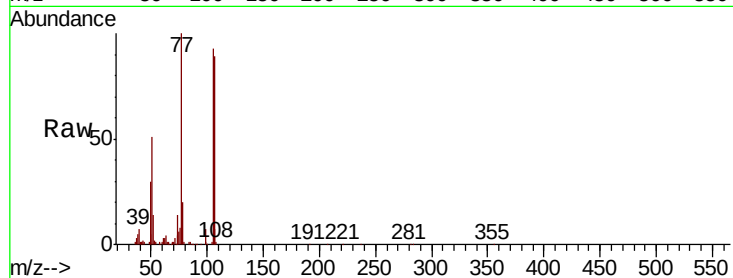
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tot Ion:	77	Resp:	118861
Ion Ratio	Lower	Upper	
77	100		
105	92.8	64.6	104.6
106	88.6	59.4	99.4

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#10

Phenol

Concen: 51.159 ng

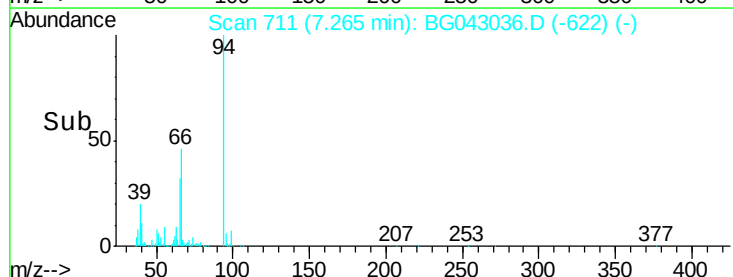
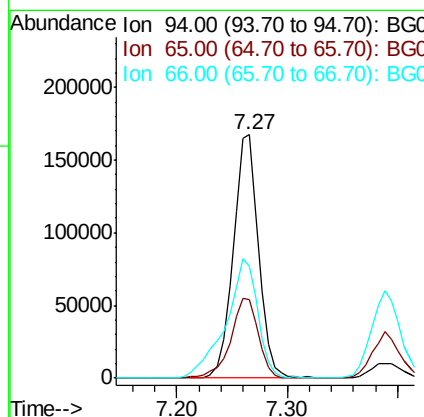
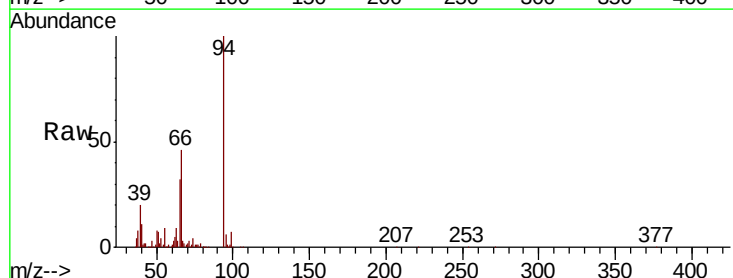
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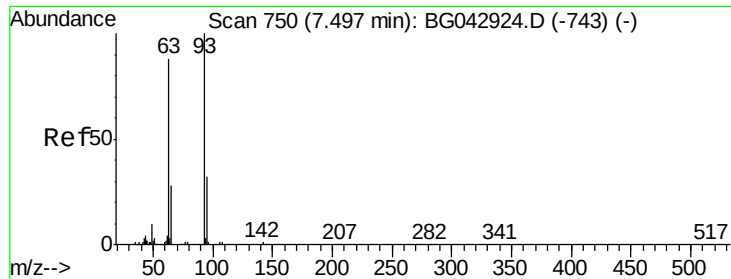
Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Tgt Ion:	94	Resp:	269154
Ion Ratio	Lower	Upper	
94	100		
65	32.1	16.6	56.6
66	45.9	32.4	72.4





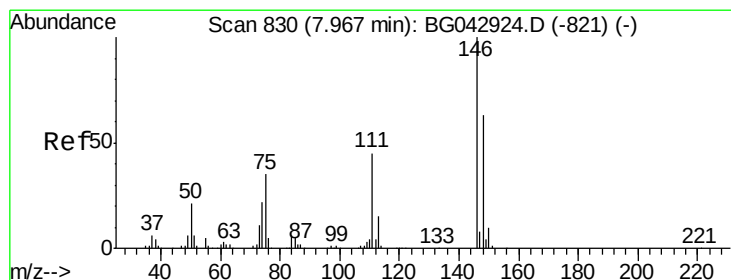
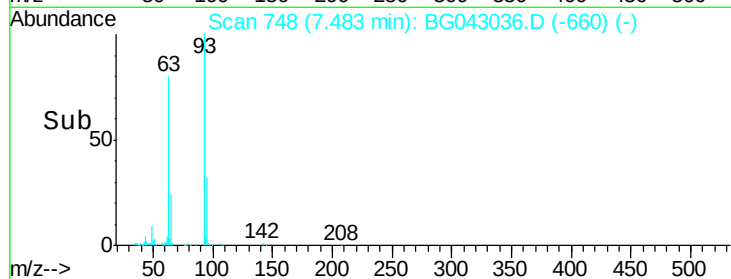
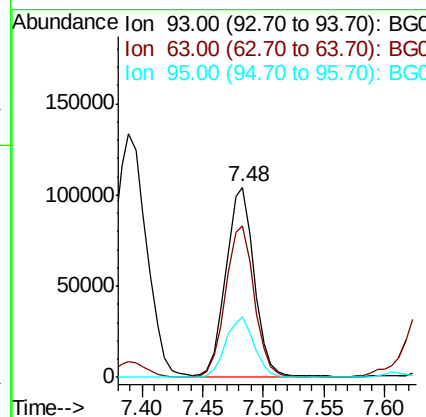
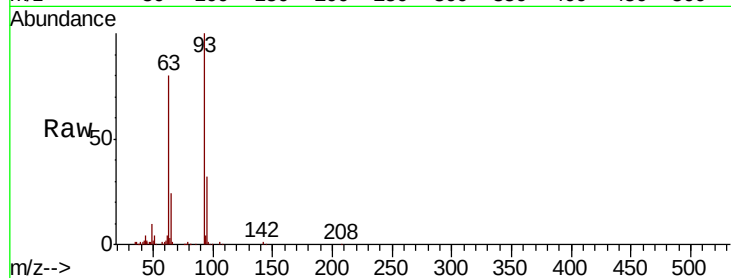
#11
bis(2-Chloroethyl)ether
Concen: 42.009 ng
RT: 7.48 min Scan# 748
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.8	67.4	107.4
95	31.8	11.9	51.9

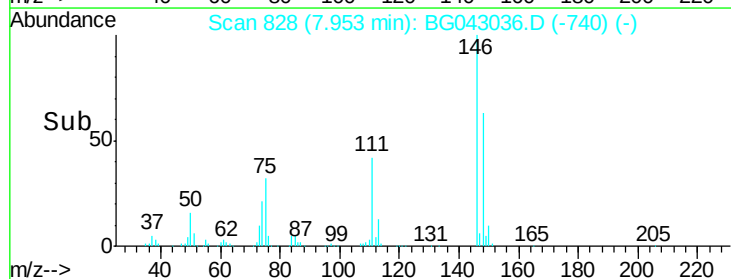
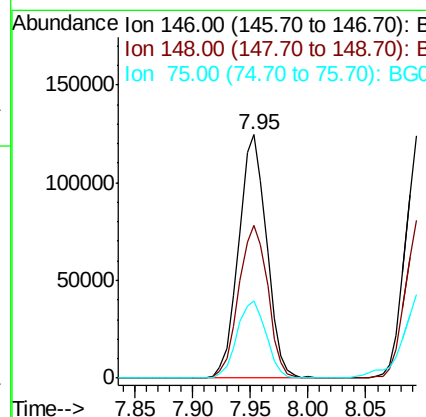
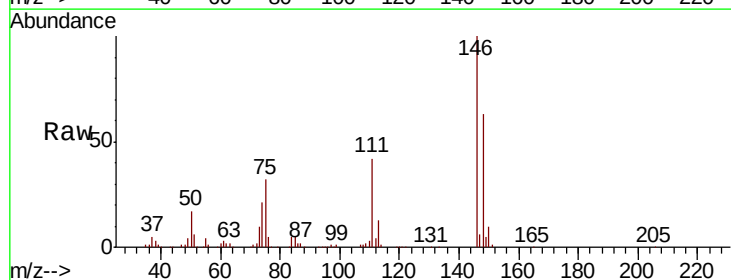
Manual Integrations
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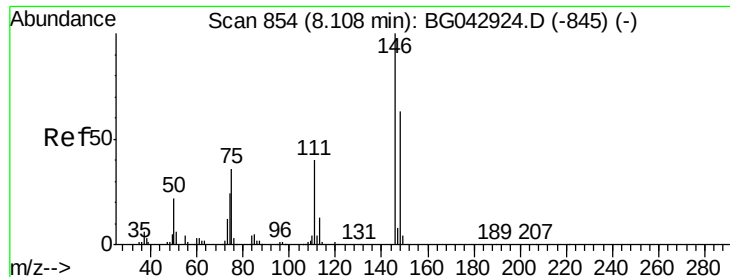
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.470 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.7	76.1
75	31.8	27.7	41.5





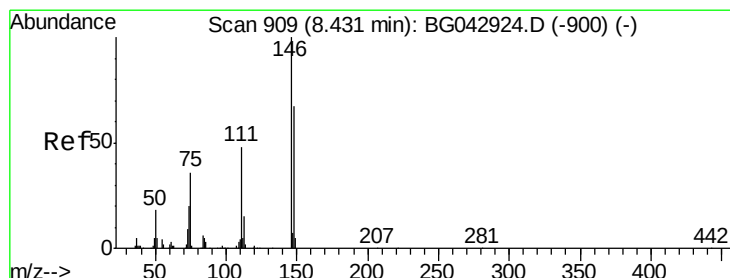
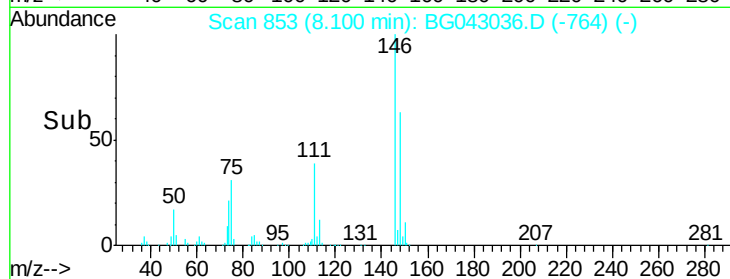
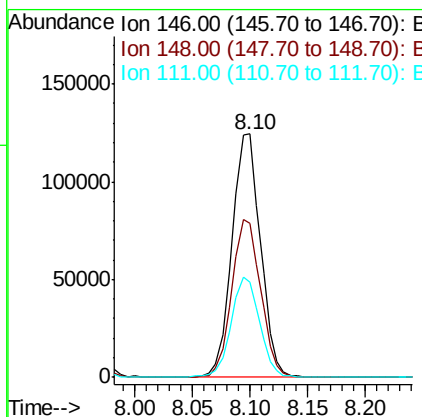
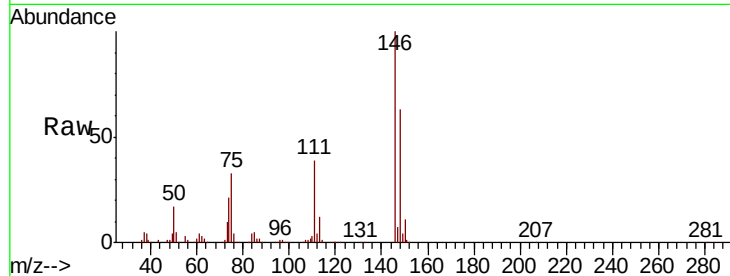
#13
 1,4-Dichlorobenzene
 Concen: 40.471 ng
 RT: 8.10 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.9	76.3
111	38.9	31.8	47.8

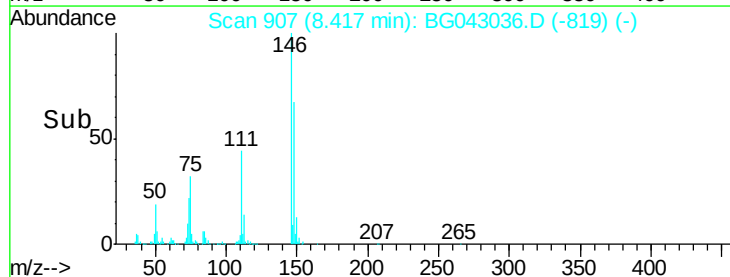
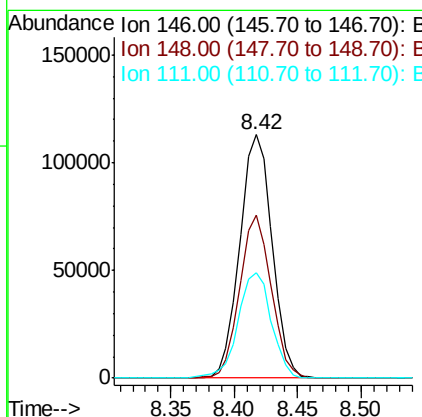
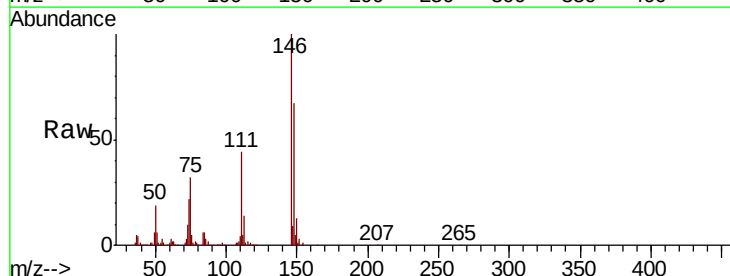
Manual Integrations
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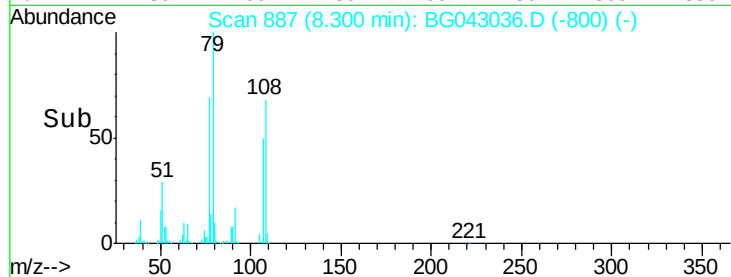
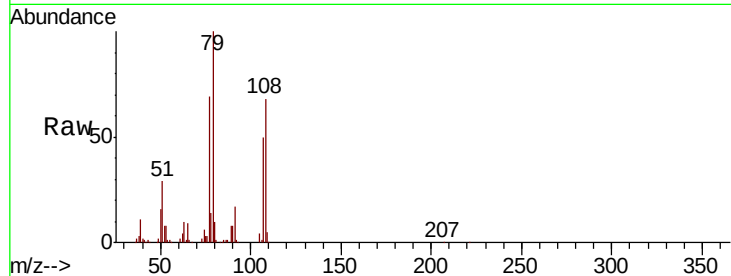
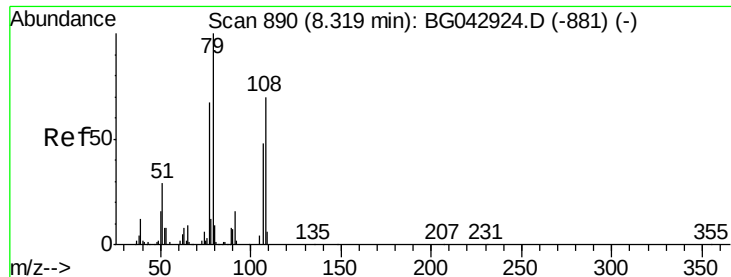
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#14
 1,2-Dichlorobenzene
 Concen: 39.786 ng
 RT: 8.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	53.4	80.2
111	43.5	38.5	57.7





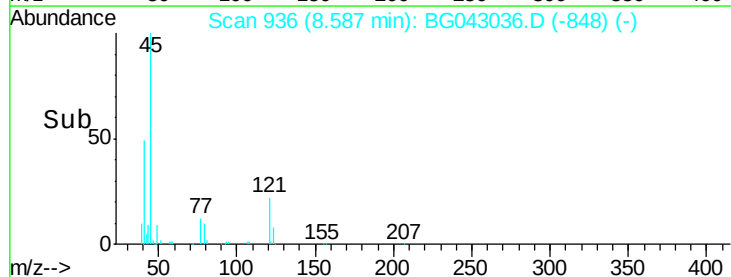
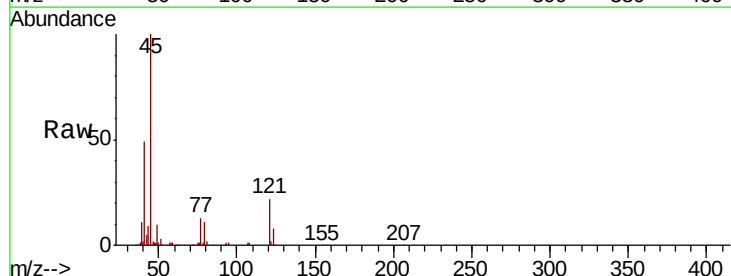
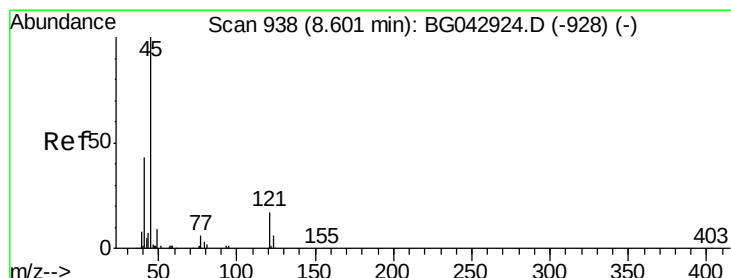
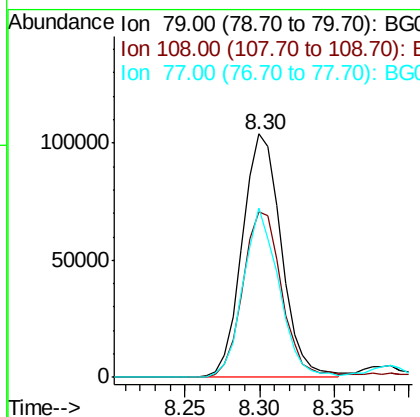
#15
Benzyl Alcohol
Concen: 43.666 ng
RT: 8.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.2	55.7	83.5
77	69.4	53.3	79.9

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

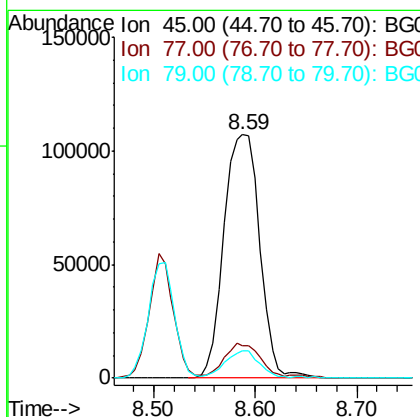
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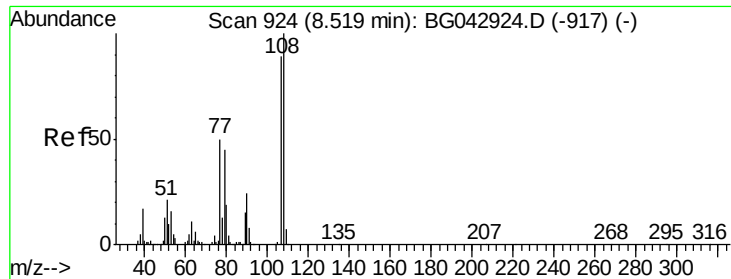
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.593 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.5	0.0	32.8
79	11.2	0.0	29.4





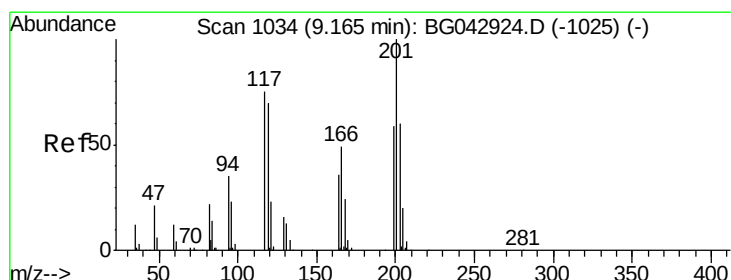
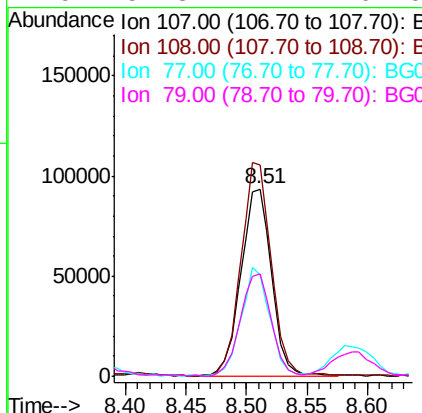
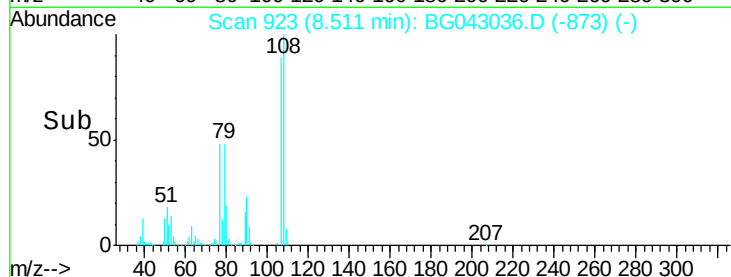
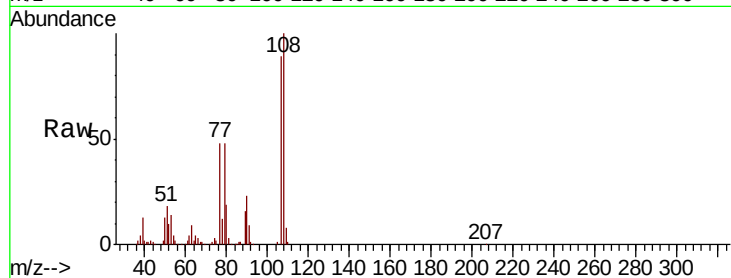
#17
2-Methylphenol
Concen: 45.276 ng
RT: 8.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	112.6	89.9	134.9		
77	54.0	45.4	68.2		
79	54.3	41.4	62.0		

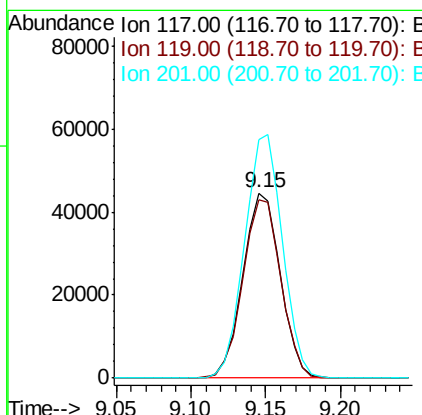
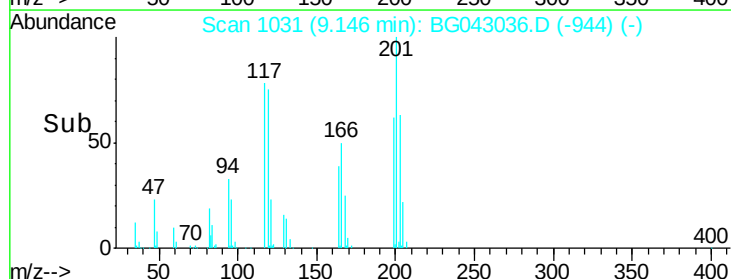
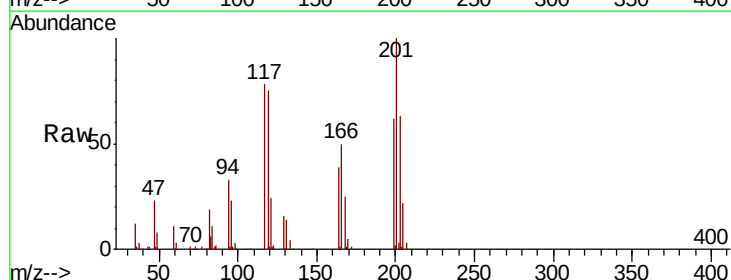
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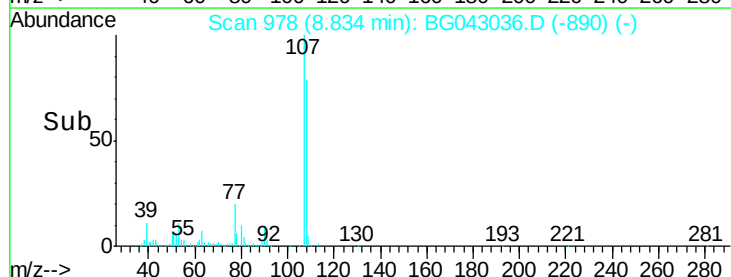
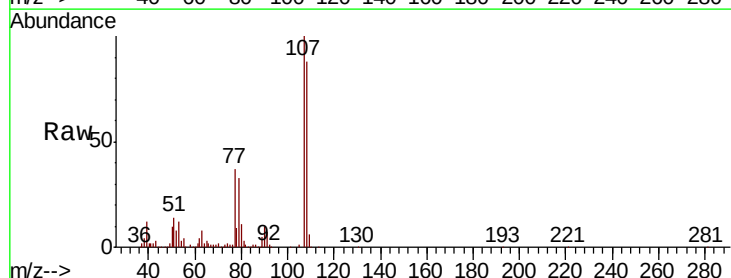
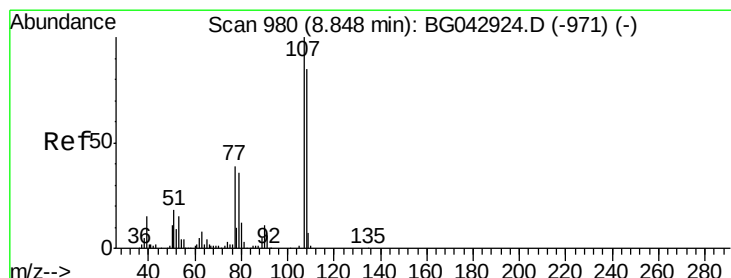
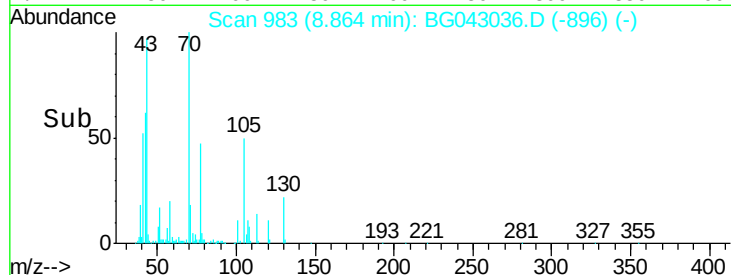
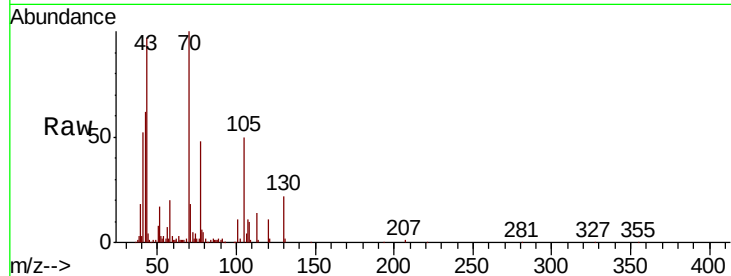
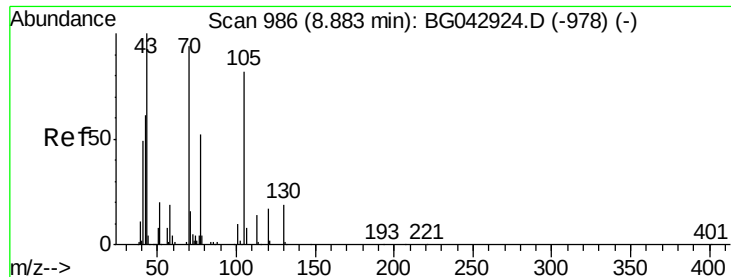
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#18
Hexachloroethane
Concen: 38.818 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

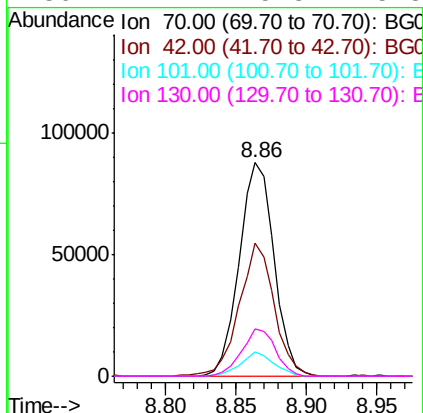
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	96.6	74.6	111.8		
201	128.9	106.0	159.0		





#19
n-Nitroso-di-n-propylamine
Concen: 40.332 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.02 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	62.1	52.6	79.0		
101	11.3	8.7	13.1		
130	22.1	15.8	23.8		



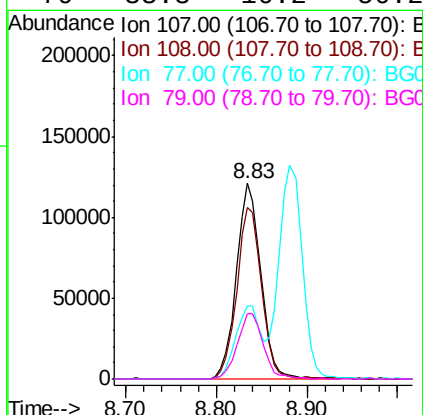
Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

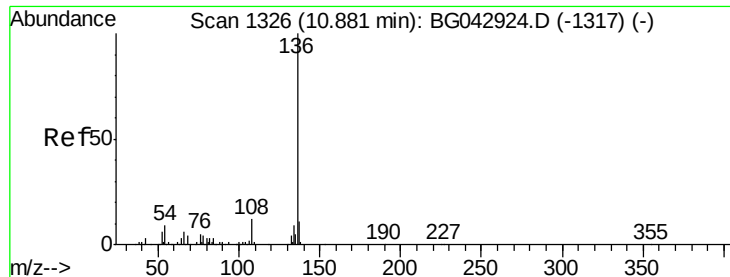
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#20
3+4-Methylphenols
Concen: 45.149 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.0	64.9	104.9		
77	37.1	19.4	59.4		
79	33.3	16.2	56.2		





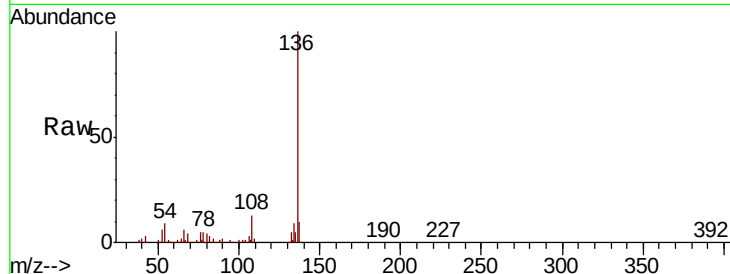
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

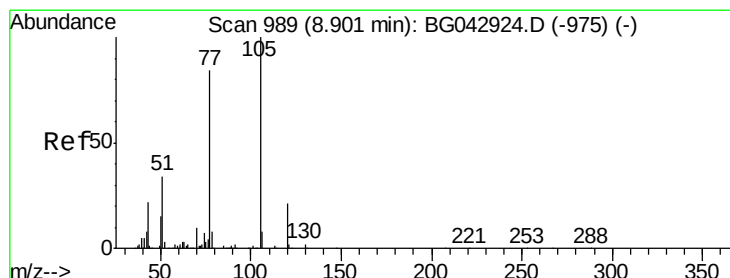
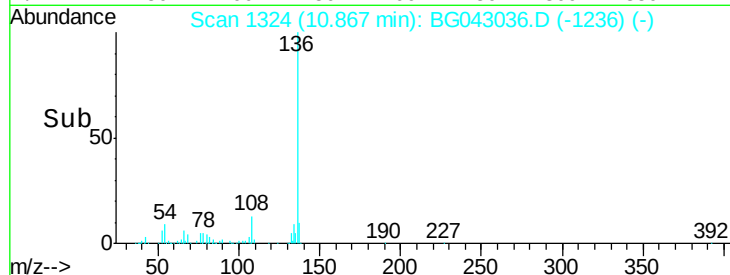
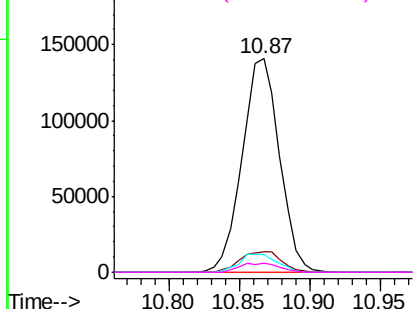
Tot Ion	Ratio	Resp	Lower	Upper
136	100	260481		
137	9.7		8.5	12.7
54	8.6		7.4	11.2
68	4.2		3.6	5.4

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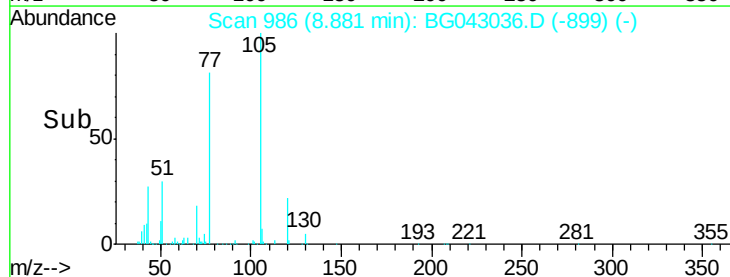
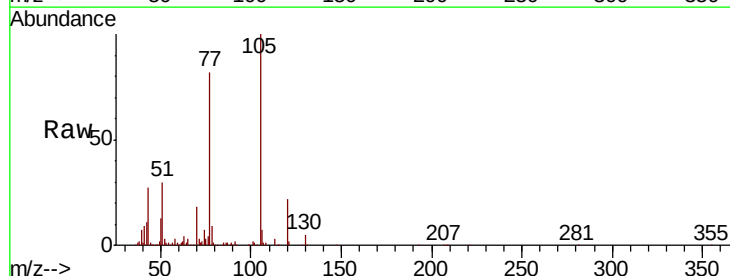
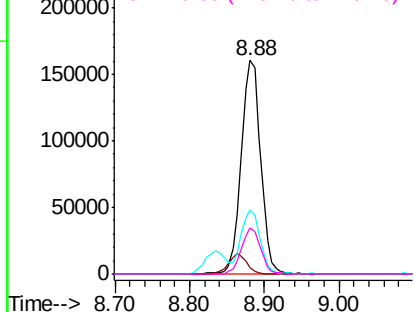
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

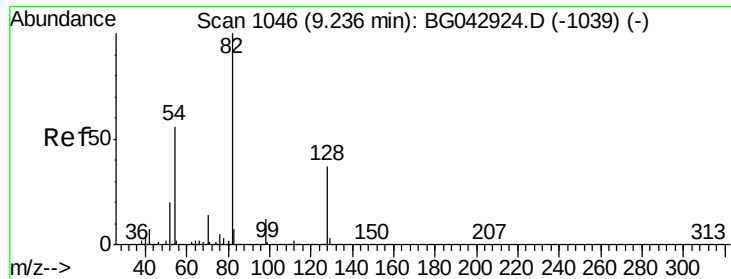


#22
Acetophenone
Concen: 43.190 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	289996		
71	3.3		1.2	1.8#
51	30.2		27.2	40.8
120	21.7		16.9	25.3

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





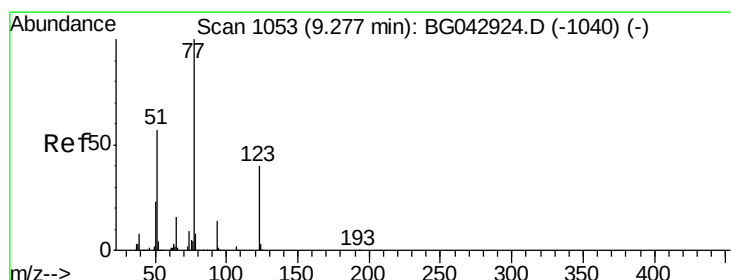
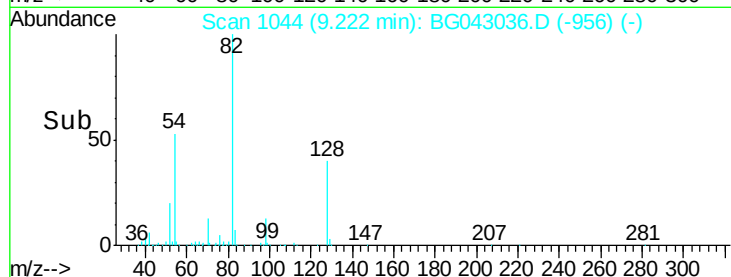
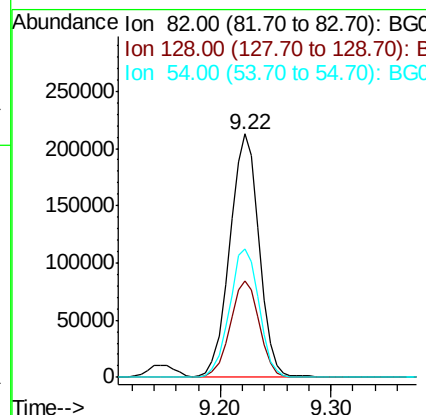
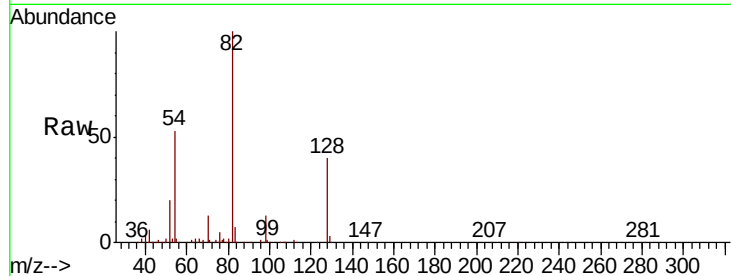
#23
 Nitrobenzene-d5
 Concen: 73.280 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	392717		
128	39.6	29.5	44.3	
54	52.7	44.6	67.0	

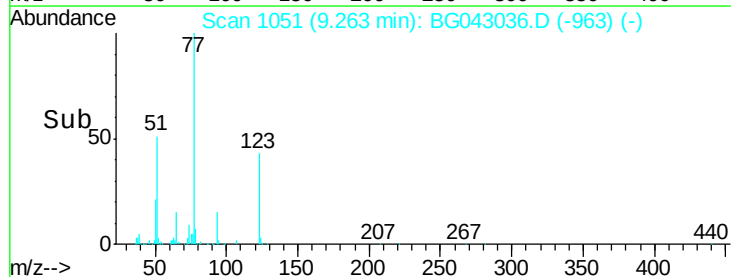
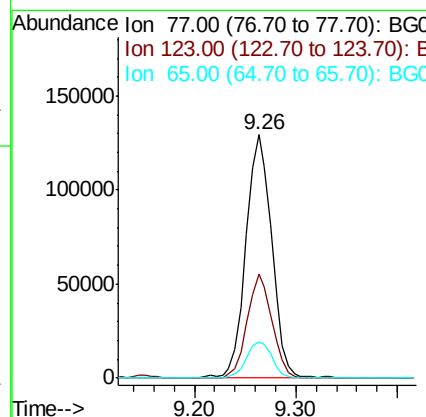
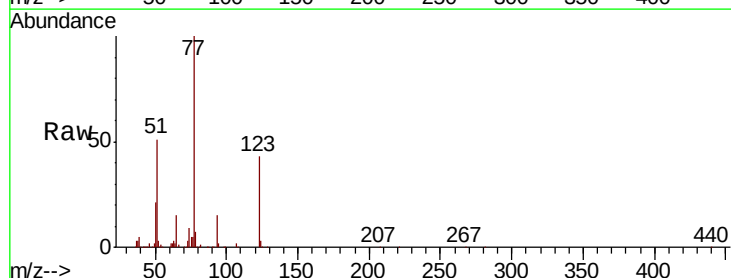
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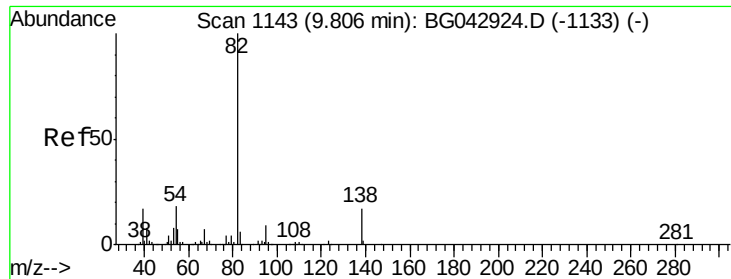
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#24
 Nitrobenzene
 Concen: 44.779 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	228900		
123	42.5	31.9	47.9	
65	15.0	12.4	18.6	





#25

Isophorone

Concen: 44.925 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

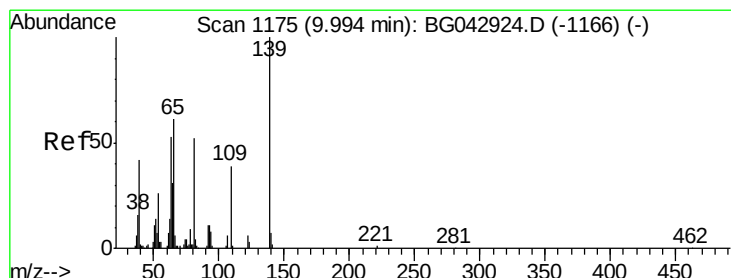
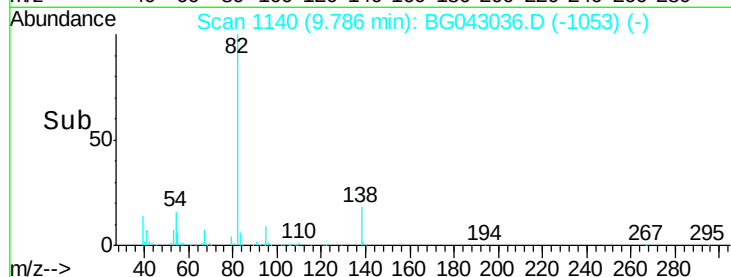
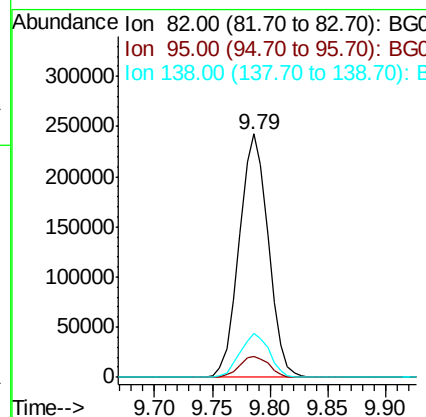
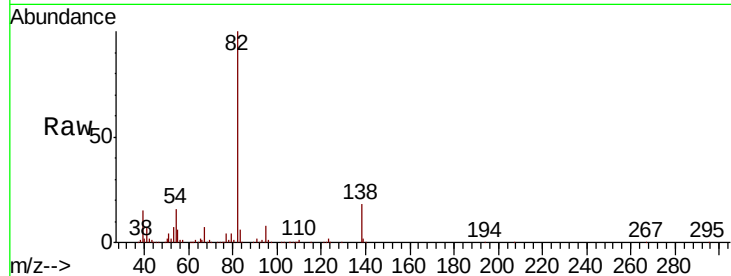
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tot Ion:	82	Resp:	422902
Ion Ratio		Lower	Upper
82	100		
95	8.5	7.0	10.4
138	18.2	13.8	20.6

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#26

2-Nitrophenol

Concen: 51.936 ng

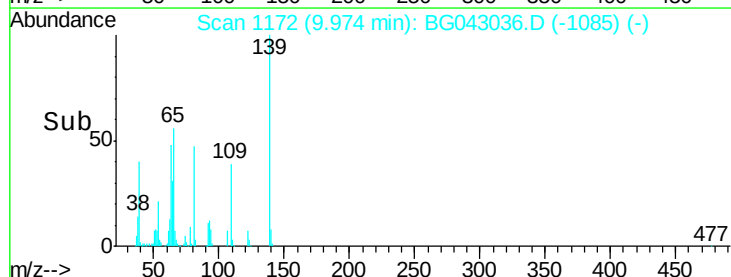
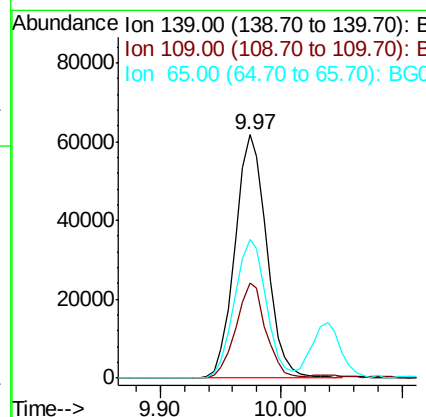
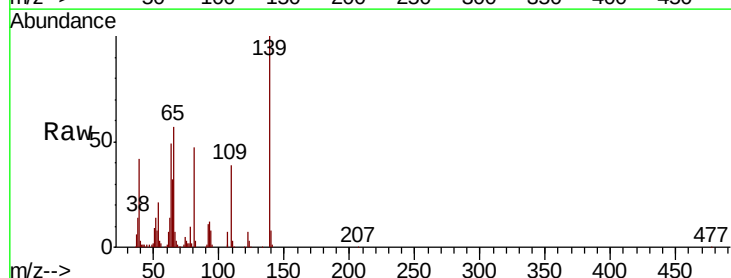
RT: 9.97 min Scan# 1172

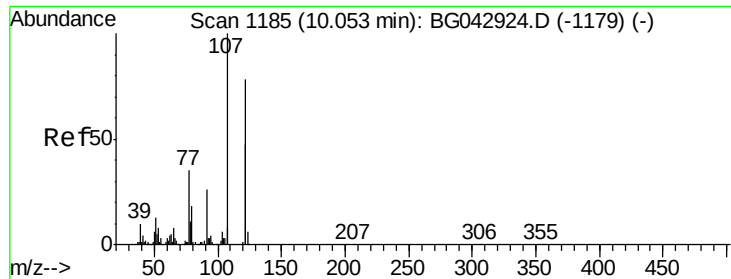
Delta R.T. -0.02 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Tgt Ion:	139	Resp:	113016
Ion Ratio		Lower	Upper
139	100		
109	39.1	31.0	46.6
65	56.8	48.4	72.6





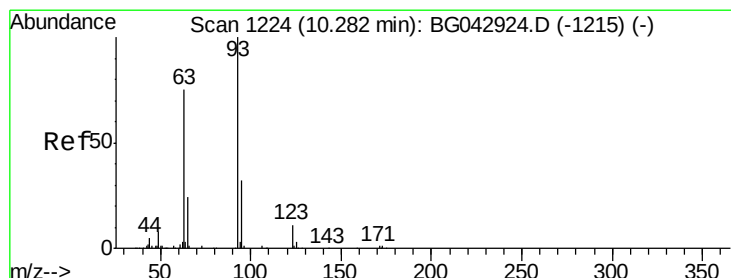
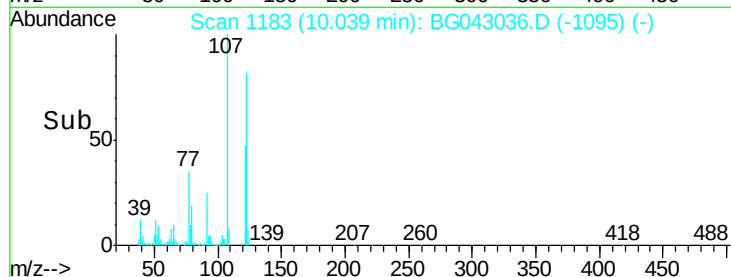
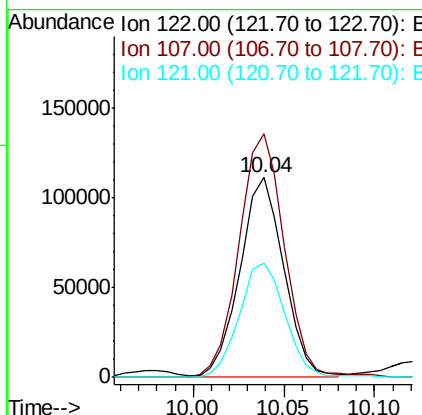
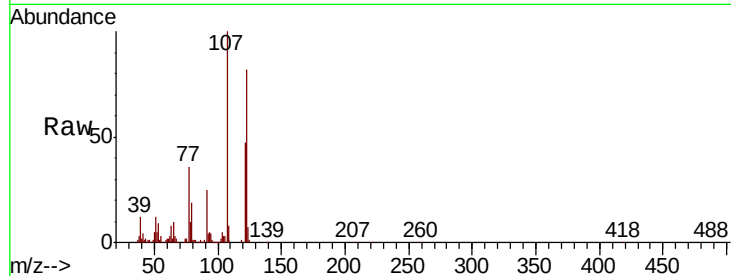
#27
2,4-Dimethylphenol
Concen: 56.033 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.8	102.2	153.2
121	57.1	48.5	72.7

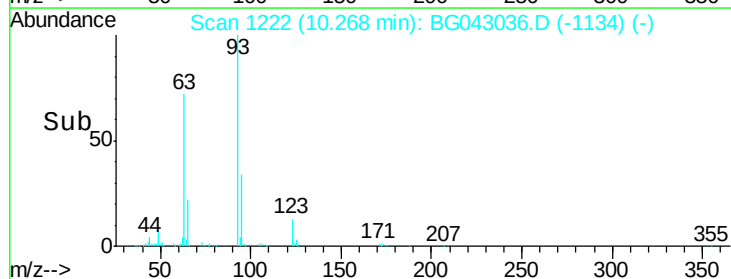
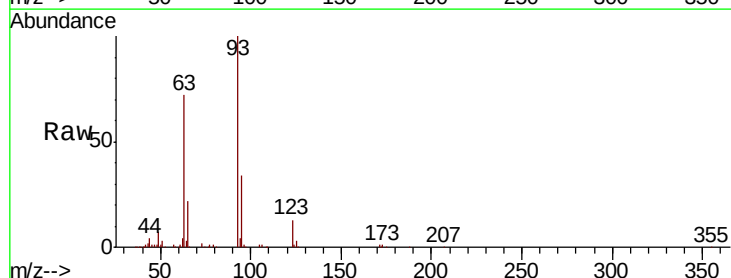
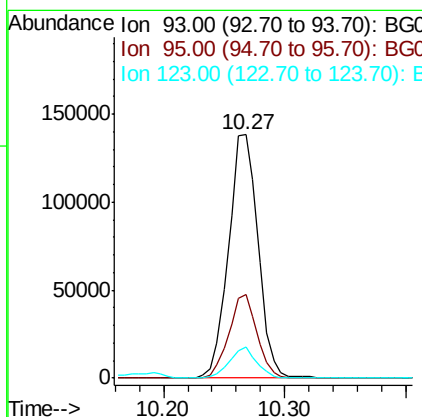
Manual Integrations
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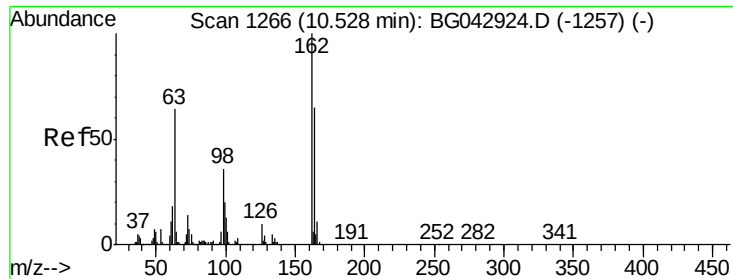
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 44.192 ng
RT: 10.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	25.4	38.0
123	12.7	9.3	13.9





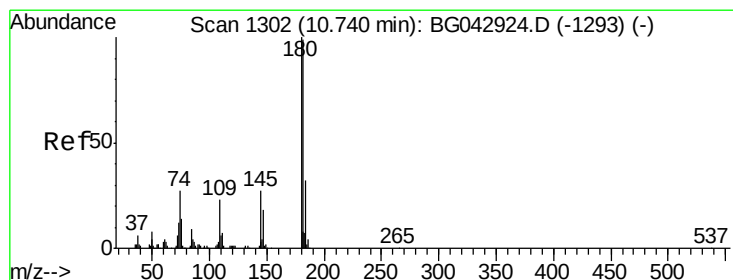
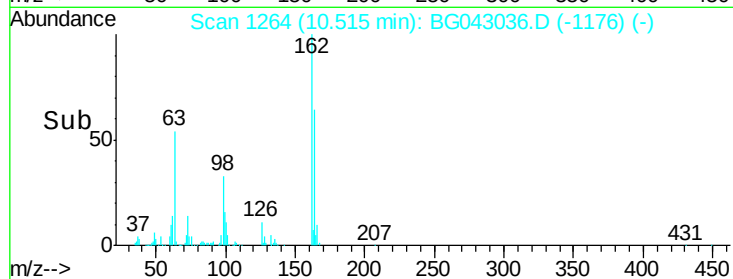
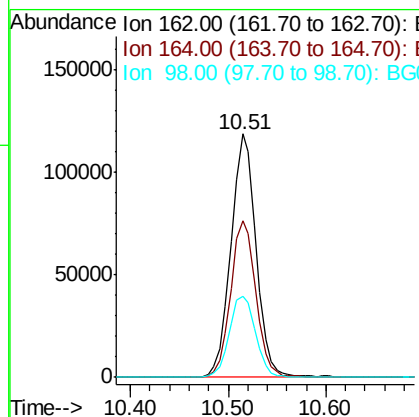
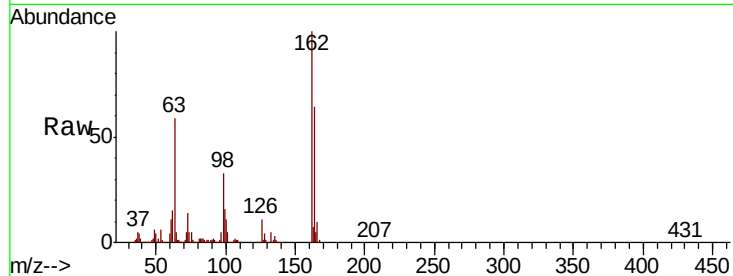
#29
 2,4-Dichlorophenol
 Concen: 50.872 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tot Ion:	162	Resp:	211438
Ion Ratio	Lower	Upper	
162	100		
164	64.1	44.7	84.7
98	33.3	16.0	56.0

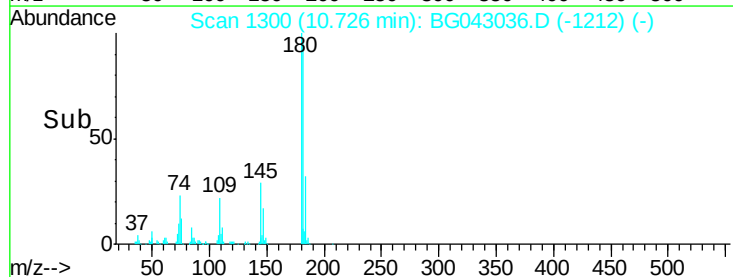
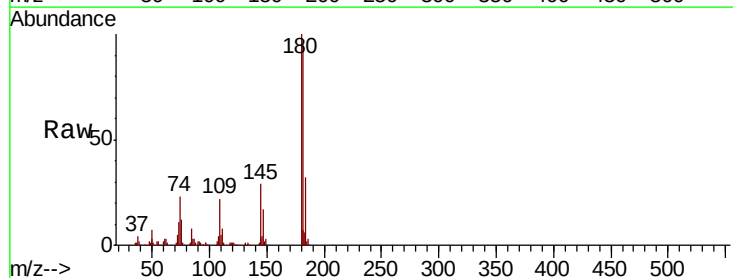
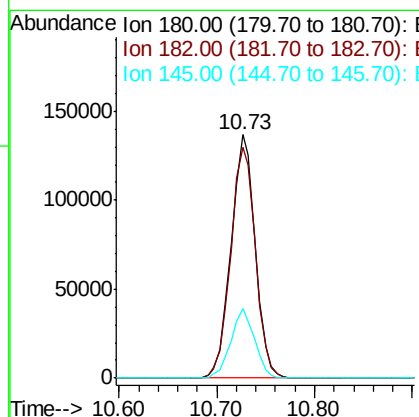
Manual Integrations
 APPROVED

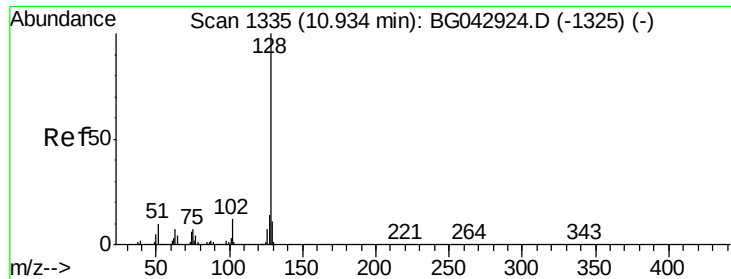
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.507 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Tgt Ion:	180	Resp:	233513
Ion Ratio	Lower	Upper	
180	100		
182	94.7	79.3	118.9
145	28.6	22.0	33.0





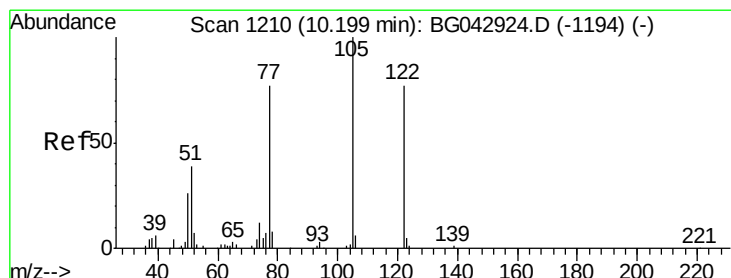
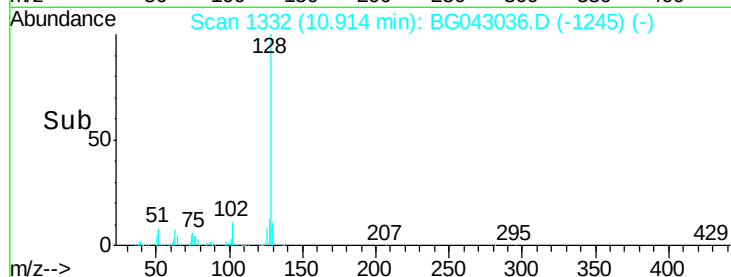
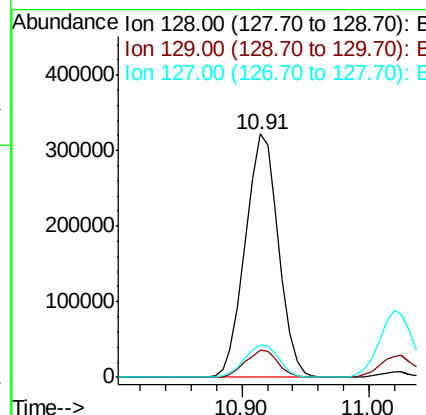
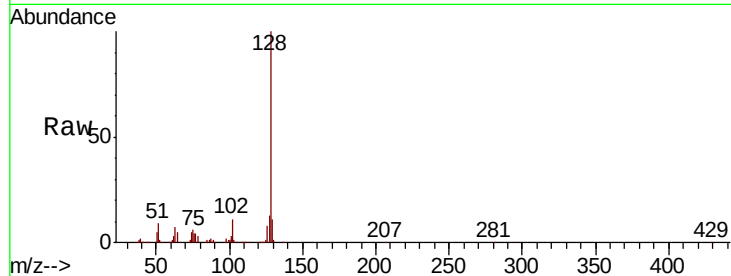
#31
Naphthalene
Concen: 45.620 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	584959		
129	11.3		8.8	13.2
127	13.5		11.3	16.9

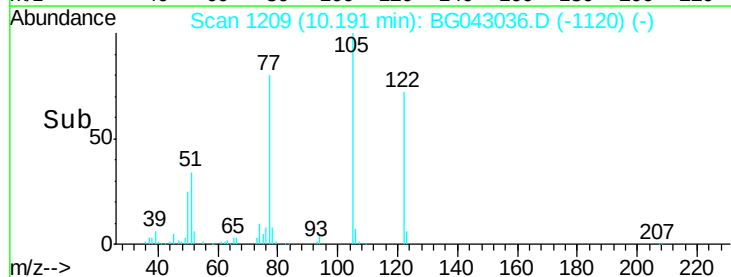
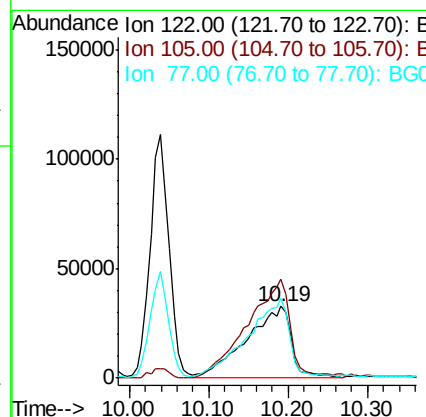
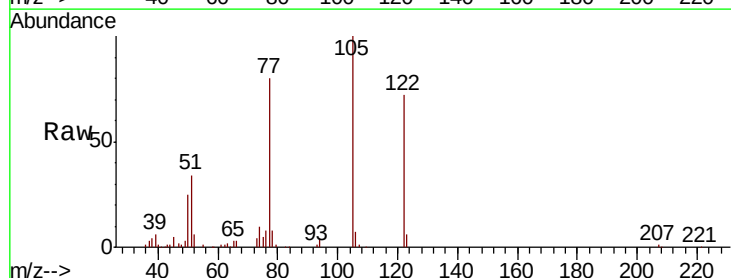
Manual Integrations
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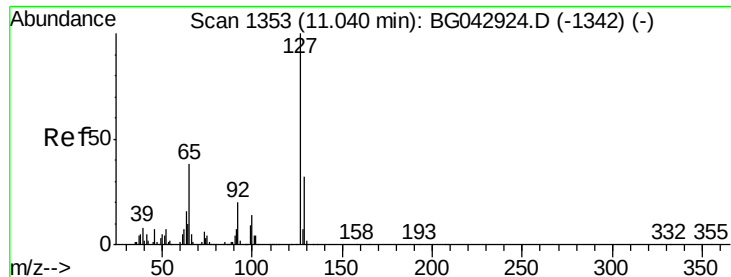
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#32
Benzoic acid
Concen: 49.534 ng
RT: 10.19 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	129730		
105	138.9		107.5	147.5
77	111.5		79.8	119.8





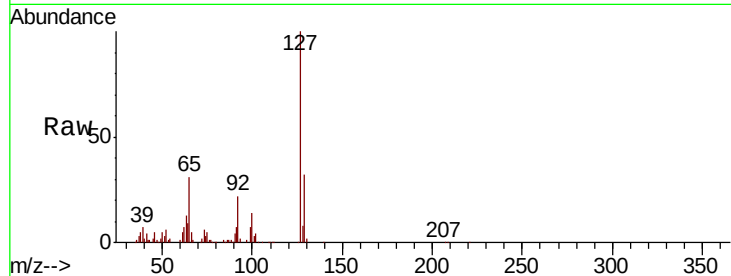
#33
4-Chloroaniline
Concen: 30.229 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

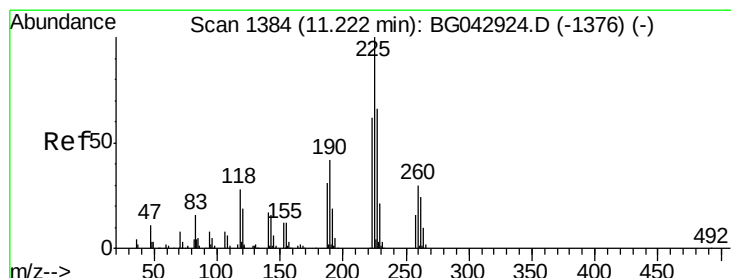
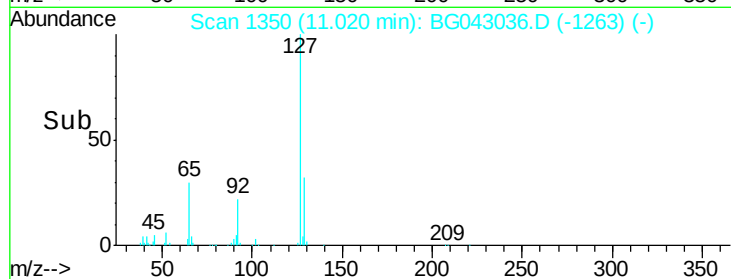
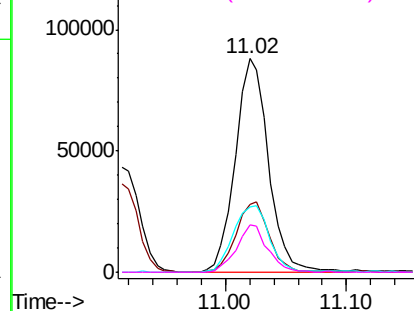
Tot Ion	Ratio	Resp	Lower	Upper
127	100	168196		
129	31.8	26.2	39.2	
65	30.6	30.6	45.8	
92	22.4	16.2	24.4	

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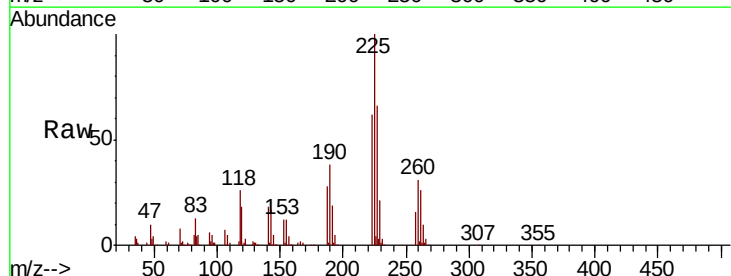


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

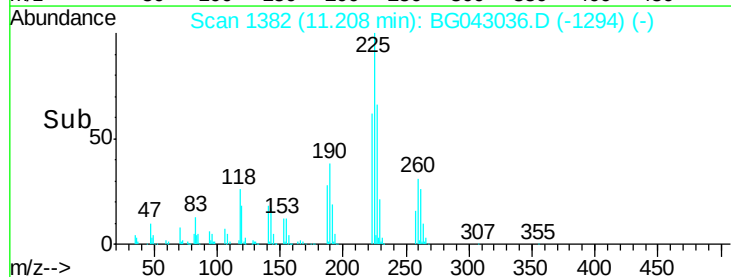
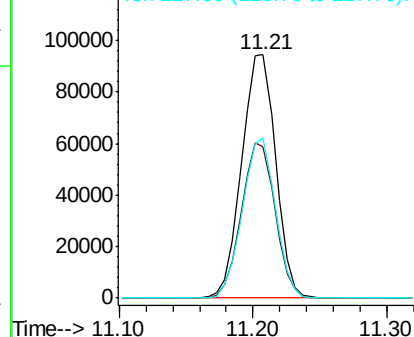


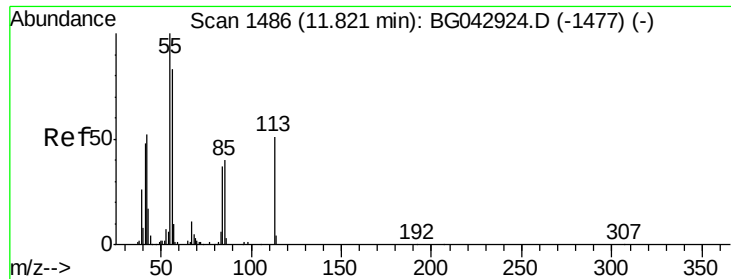
#34
Hexachlorobutadiene
Concen: 41.352 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	166183		
223	62.0	49.3	73.9	
227	65.9	52.8	79.2	



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





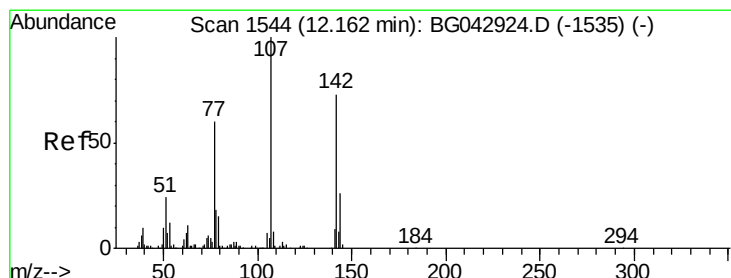
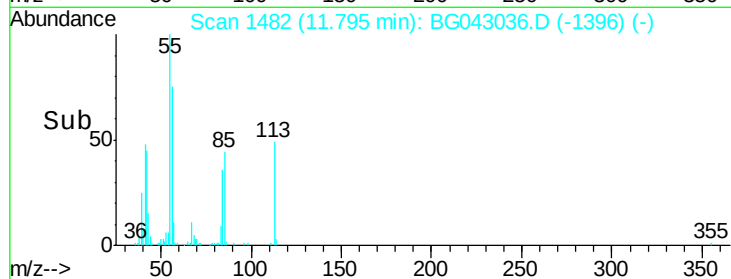
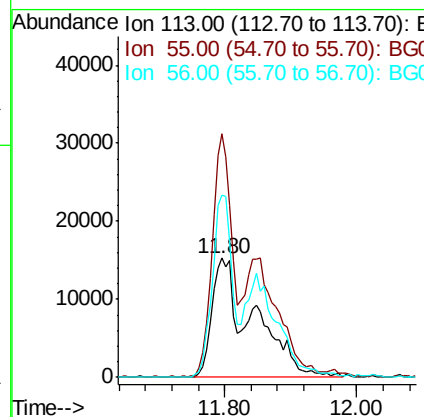
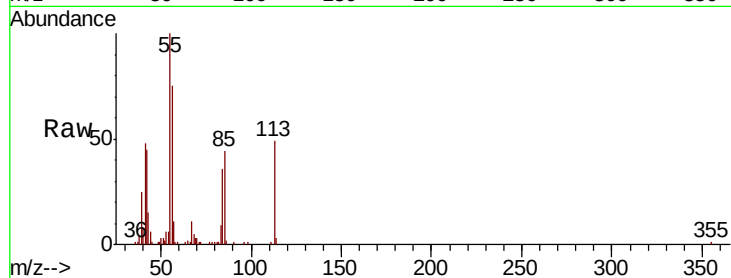
#35
Caprolactam
Concen: 45.534 ng/ml
RT: 11.80 min Scan# 1482
Delta R.T. -0.03 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	204.5	175.5	215.5		
56	152.6	142.3	182.3		

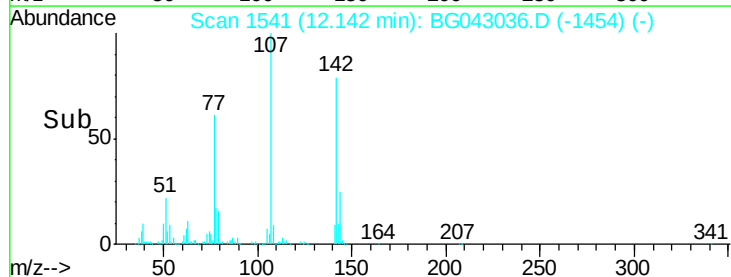
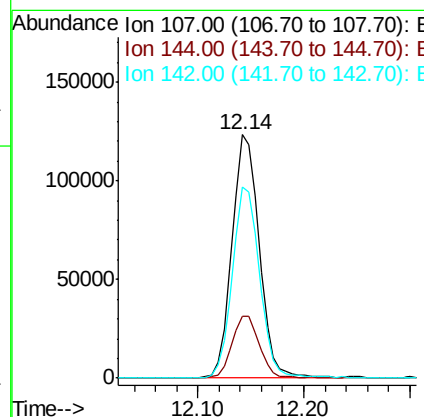
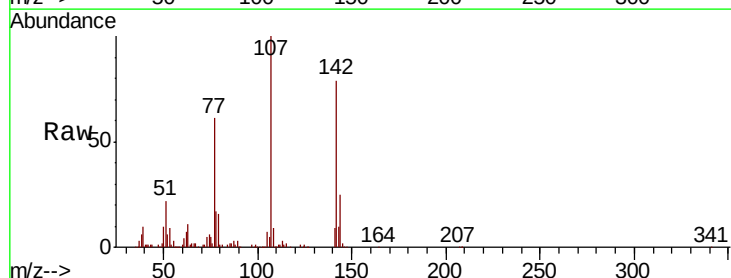
Manual Integrations
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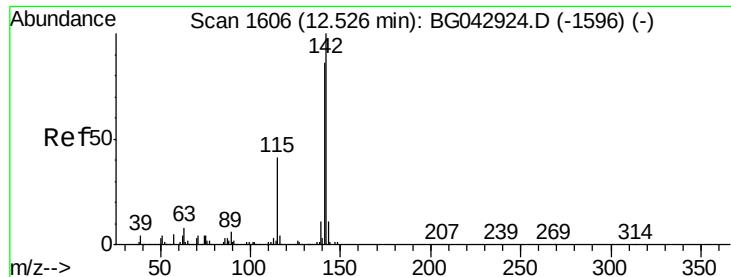
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 48.675 ng/ml
RT: 12.14 min Scan# 1541
Delta R.T. -0.02 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.2	20.7	31.1		
142	78.7	58.6	87.8		





#37

2-Methylnaphthalene

Concen: 45.420 ng

RT: 12.51 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

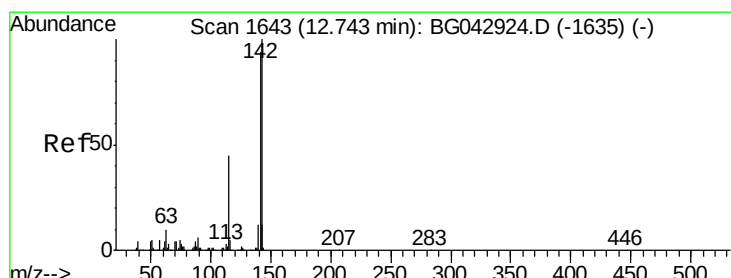
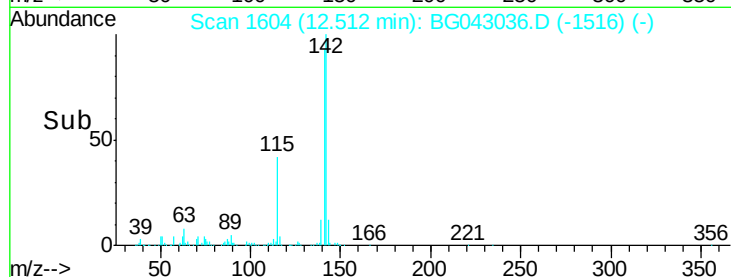
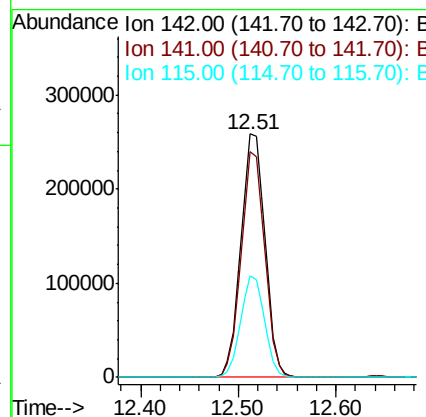
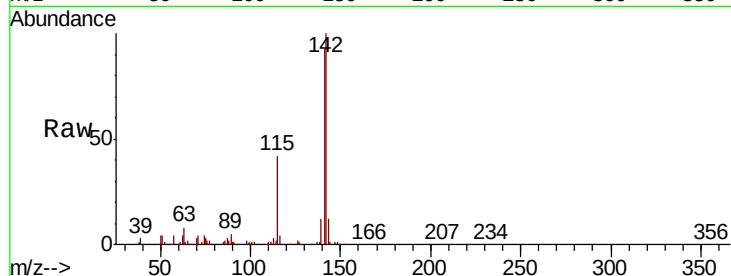
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tot Ion:	142	Resp:	444299
Ion Ratio	Lower	Upper	
142	100		
141	92.9	69.0	103.4
115	41.7	32.8	49.2

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#38

1-Methylnaphthalene

Concen: 45.713 ng

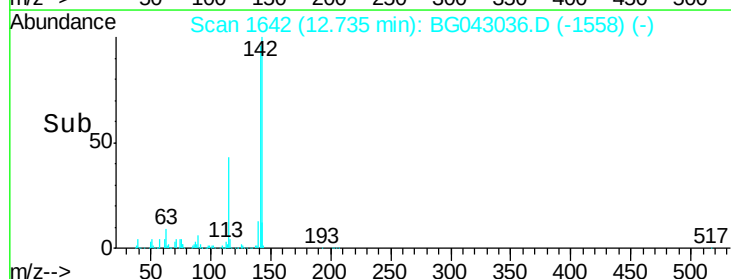
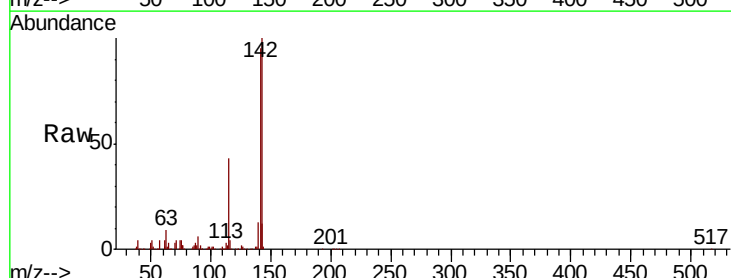
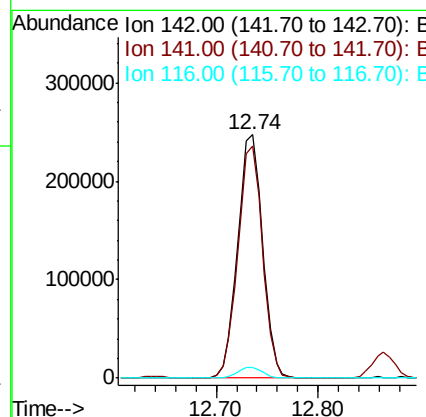
RT: 12.74 min Scan# 1642

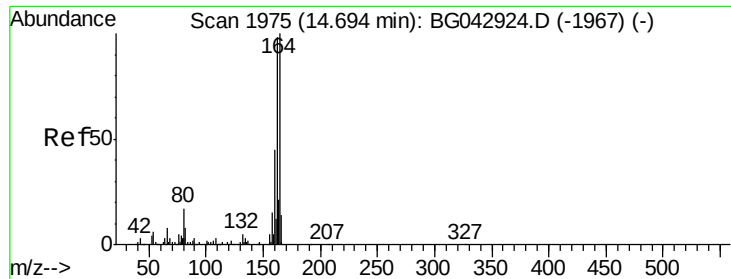
Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Tgt Ion:	142	Resp:	423123
Ion Ratio	Lower	Upper	
142	100		
141	95.5	74.9	112.3
116	4.3	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

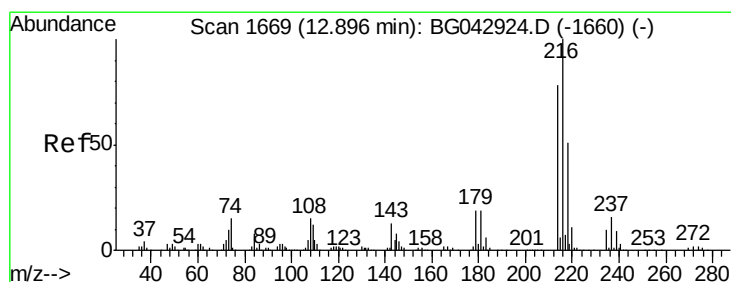
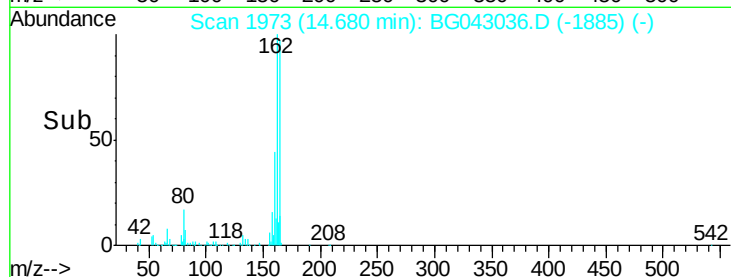
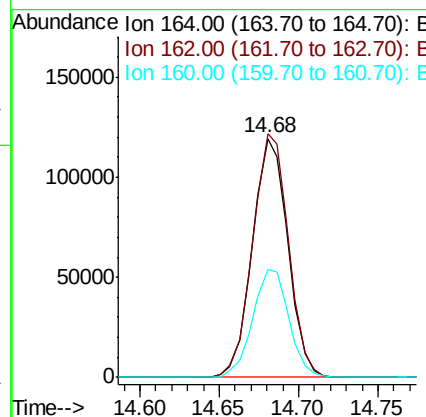
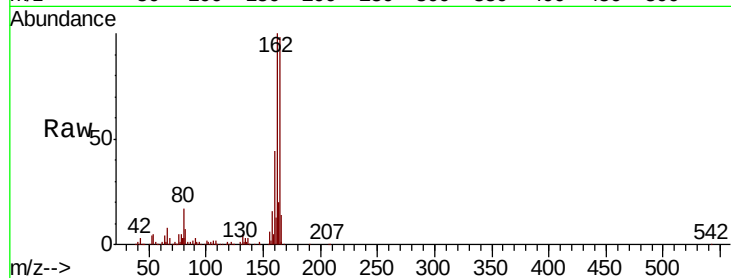
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tot Ion:	164	Resp:	185782
Ion Ratio	Lower	Upper	
164	100		
162	101.8	78.5	117.7
160	45.1	35.9	53.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.675 ng

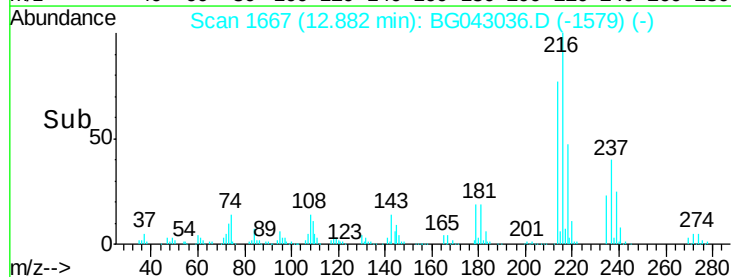
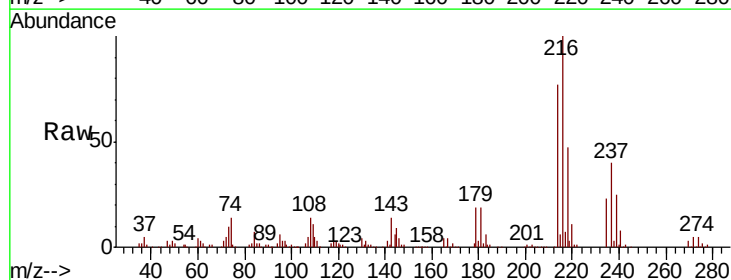
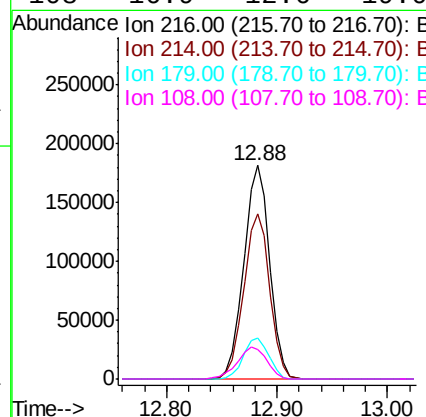
RT: 12.88 min Scan# 1667

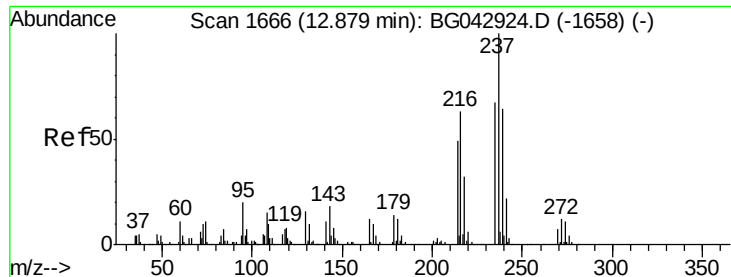
Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Tgt Ion:	216	Resp:	298096
Ion Ratio	Lower	Upper	
216	100		
214	77.6	62.4	93.6
179	19.2	15.4	23.2
108	16.9	12.6	19.0





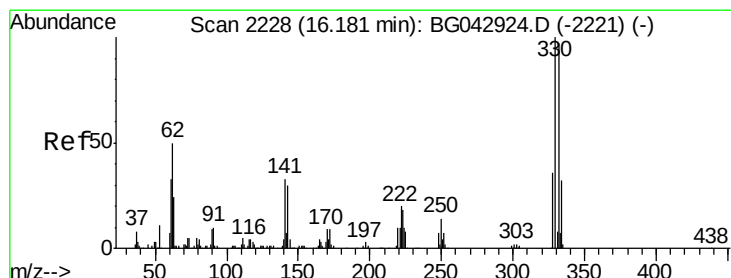
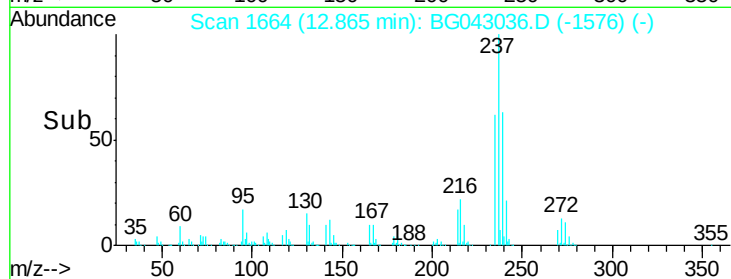
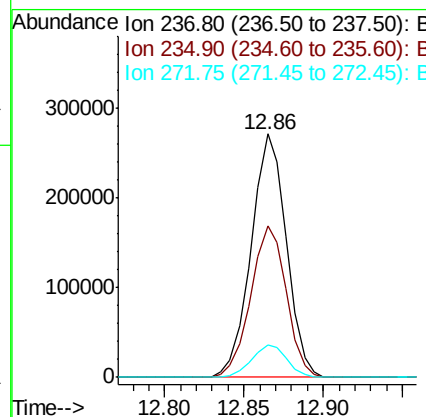
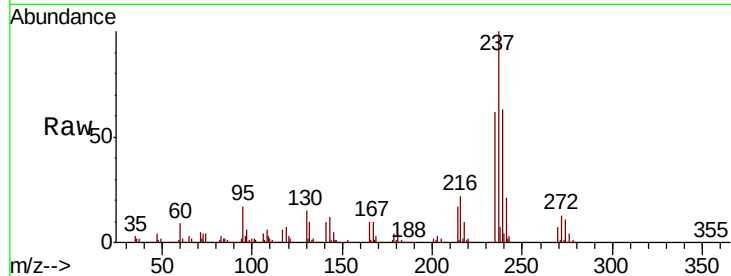
#41
Hexachlorocyclopentadiene
Concen: 94.169 ng
RT: 12.86 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100	419117		
235	62.3	46.7	86.7	
272	13.5	0.0	32.3	

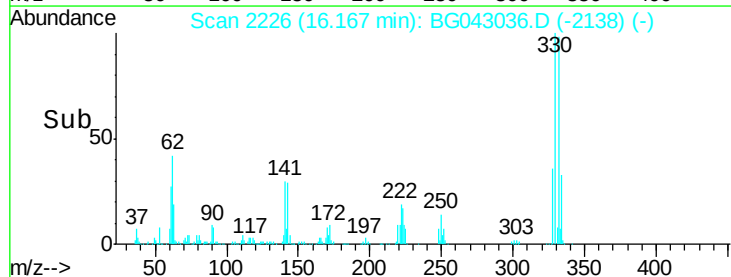
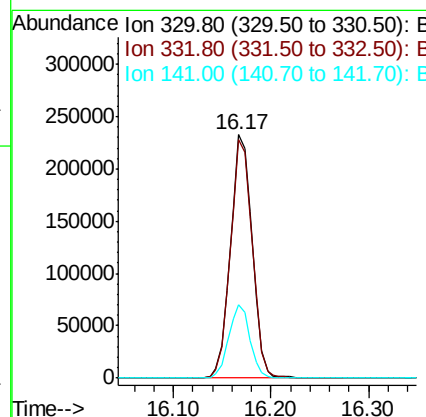
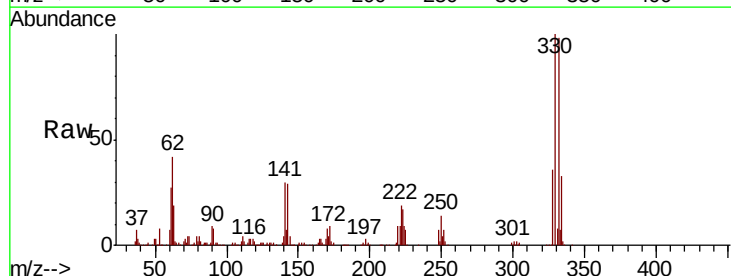
Manual Integrations
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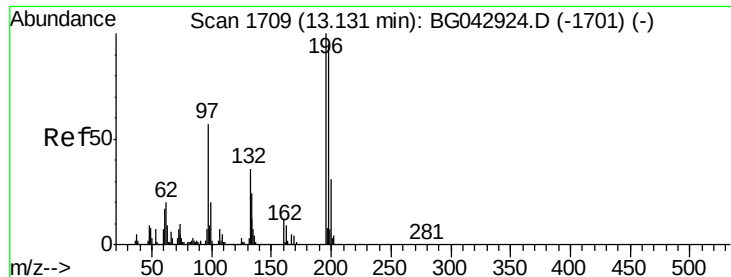
mohammad
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#42
2,4,6-Tribromophenol
Concen: 112.603 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	359727		
332	98.0	78.2	117.2	
141	29.6	26.0	39.0	





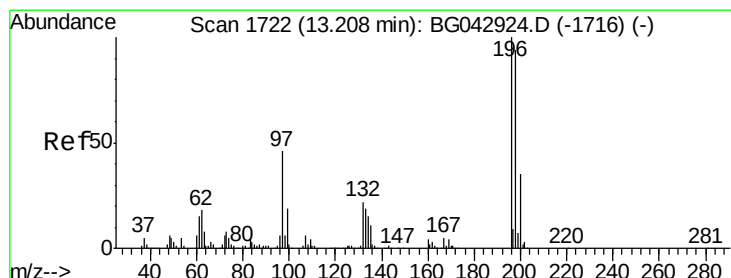
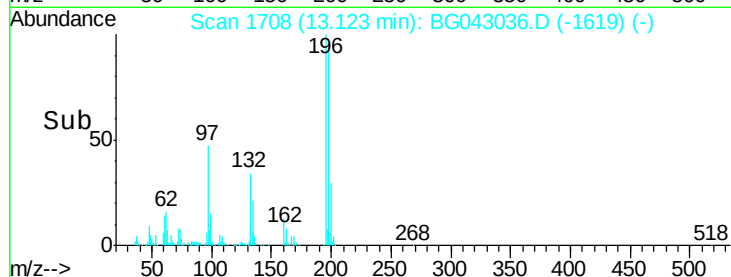
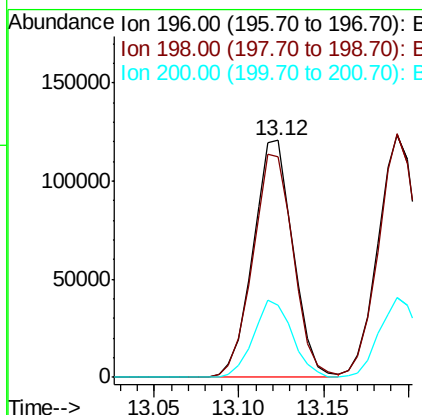
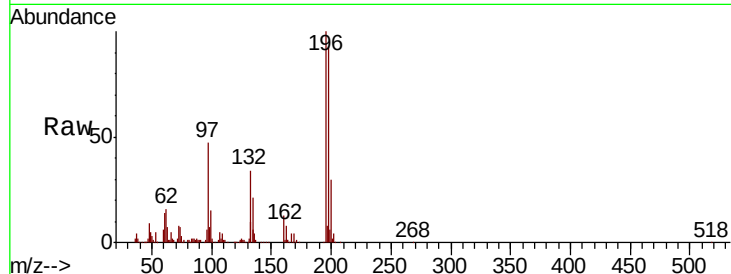
#43
 2,4,6-Trichlorophenol
 Concen: 48.505 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	198312		
198	93.1	75.5	113.3	
200	30.3	24.9	37.3	

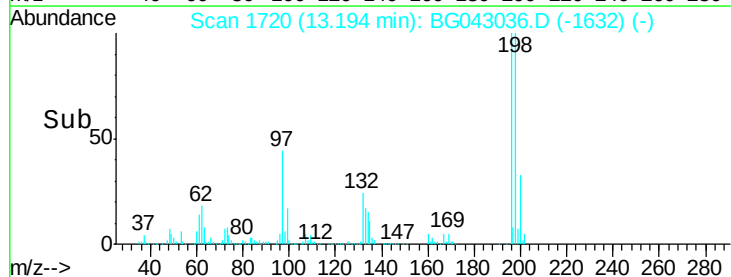
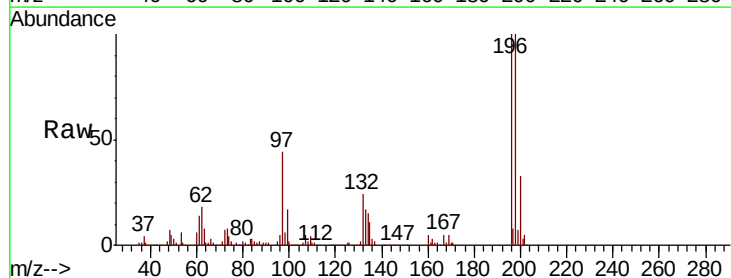
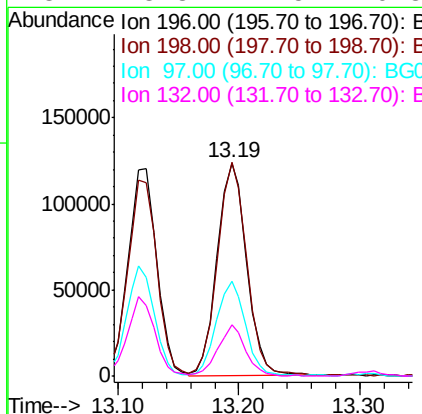
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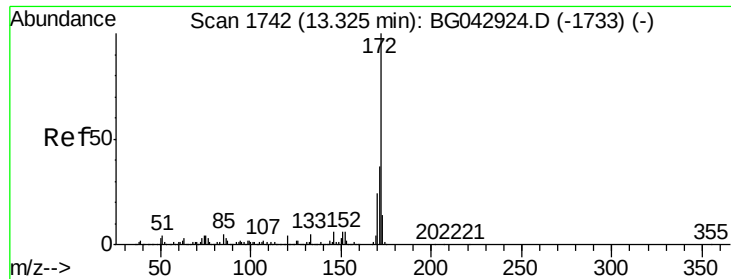
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 49.487 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	208427		
198	100.3	75.1	112.7	
97	44.3	37.0	55.4	
132	23.8	17.5	26.3	





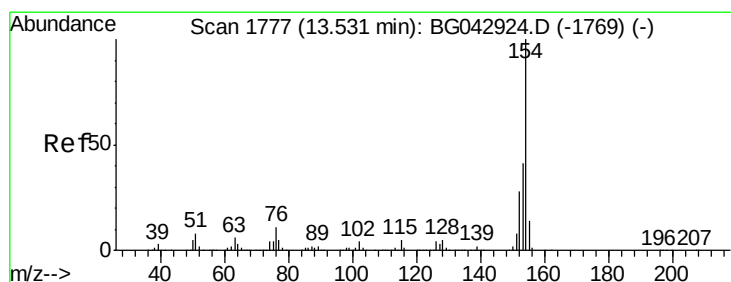
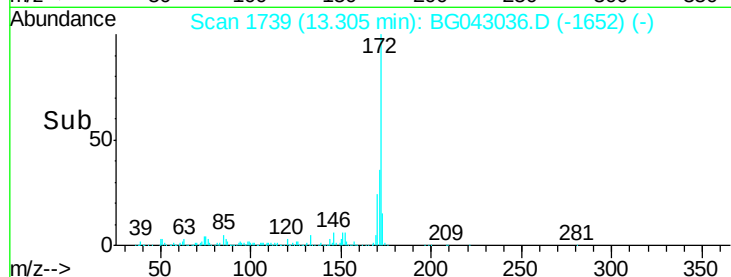
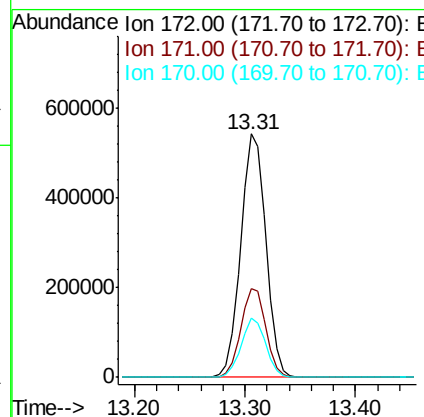
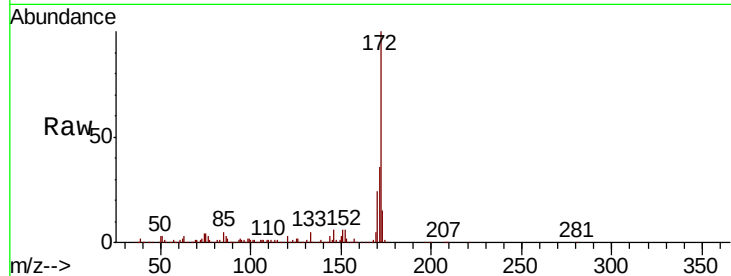
#45
 2-Fluorobiphenyl
 Concen: 67.820 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.2	19.6	29.4

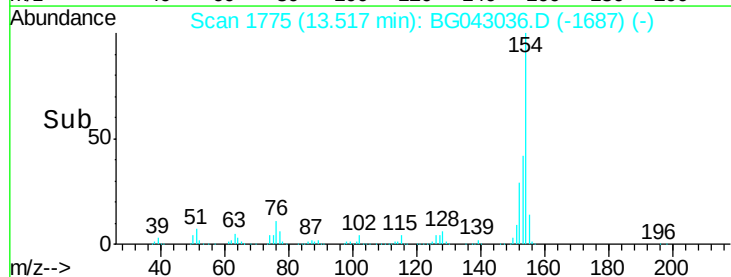
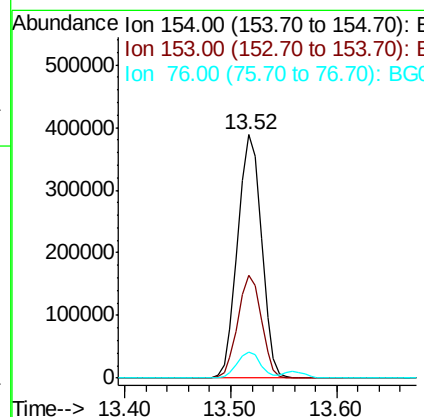
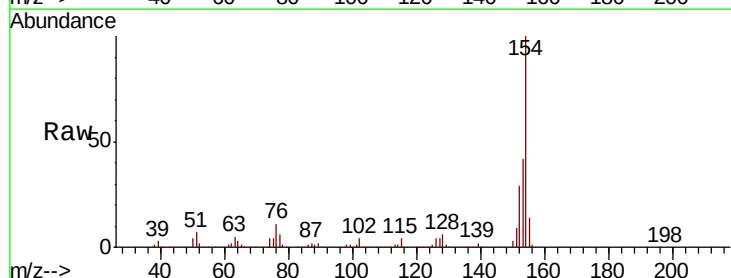
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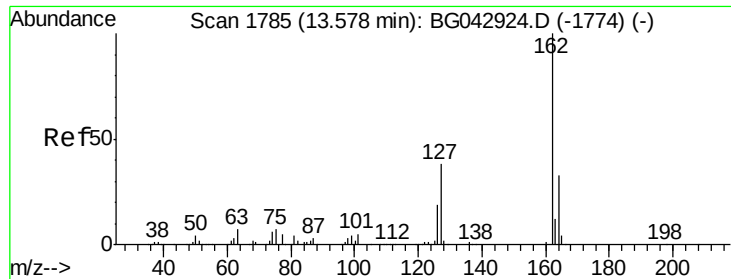
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#46
 1,1'-Biphenyl
 Concen: 42.966 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	21.4	61.4
76	10.8	0.0	31.3





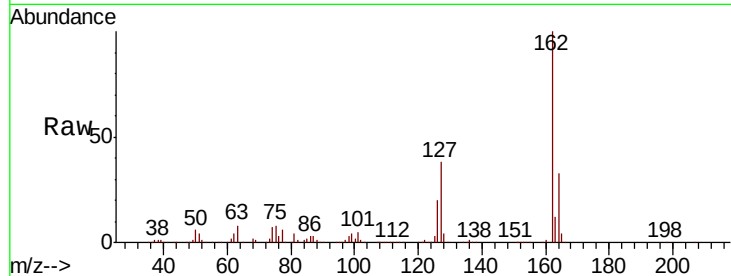
#47
2-Chloronaphthalene
Concen: 44.420 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

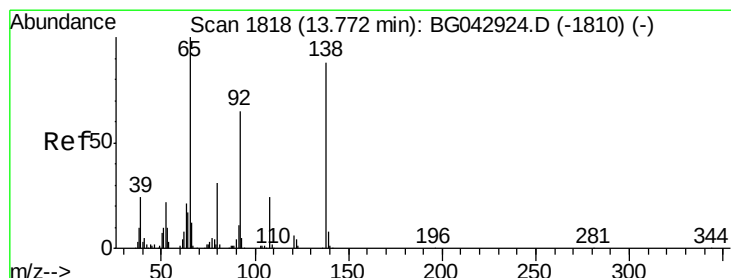
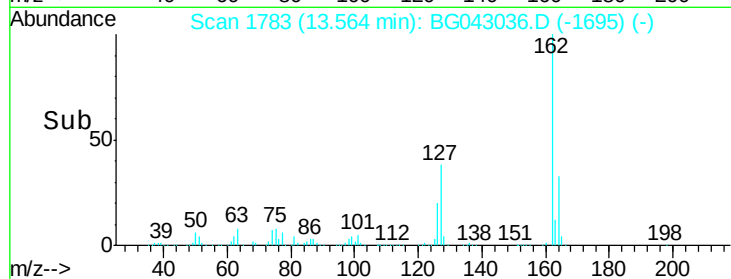
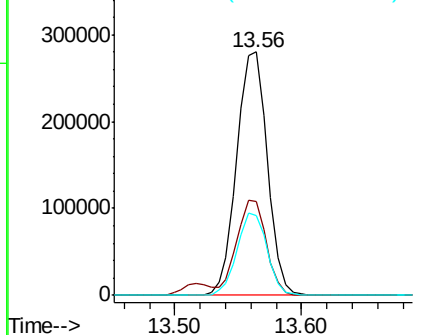
Tot Ion	Ratio	Resp	Lower	Upper
162	100	469204		
127	38.4	31.0	46.6	
164	32.9	26.2	39.2	

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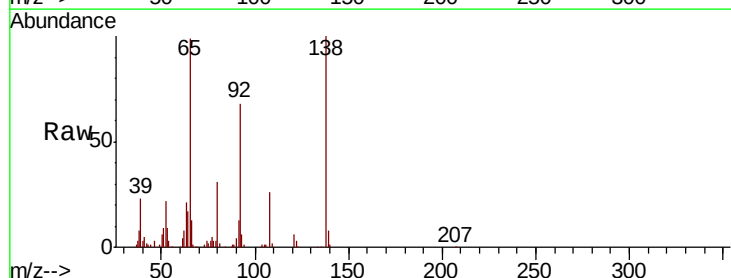


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

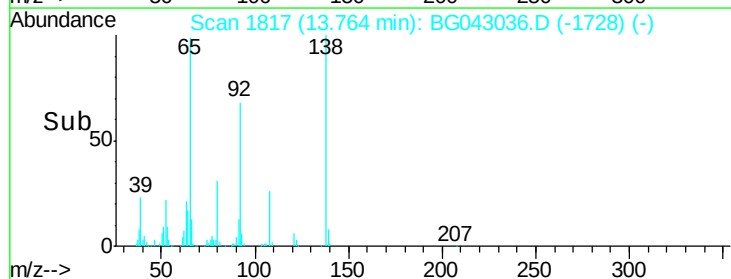
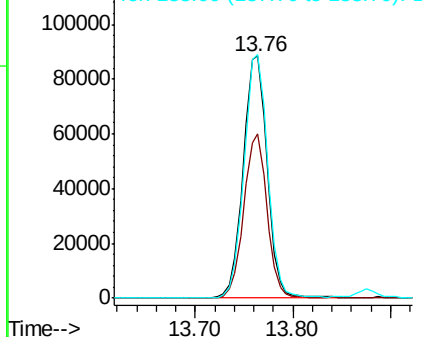


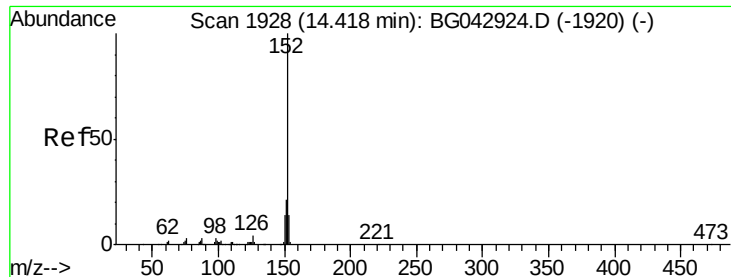
#48
2-Nitroaniline
Concen: 43.231 ng
RT: 13.76 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	151855		
92	68.2	52.0	78.0	
138	100.7	70.4	105.6	



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





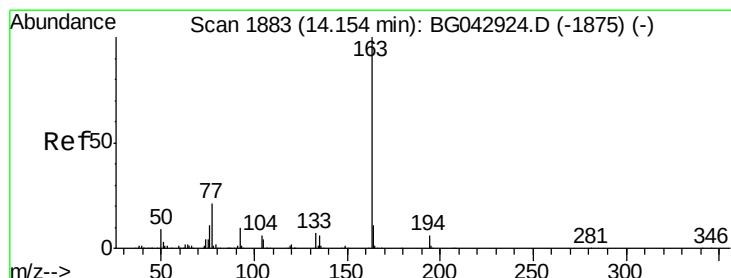
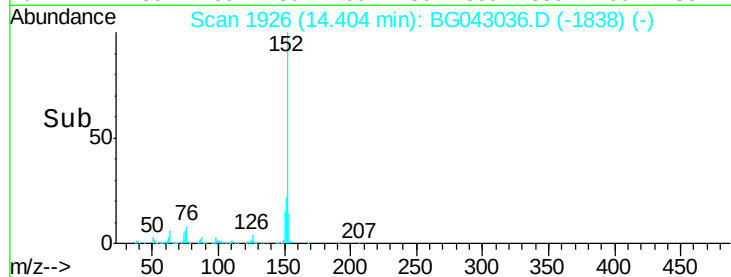
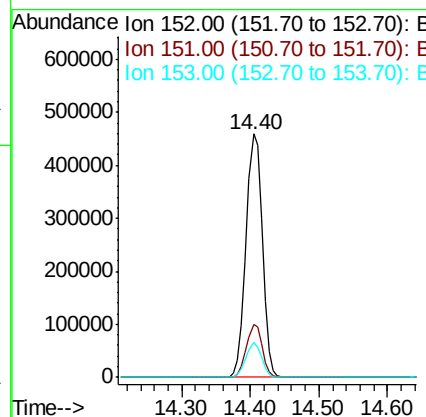
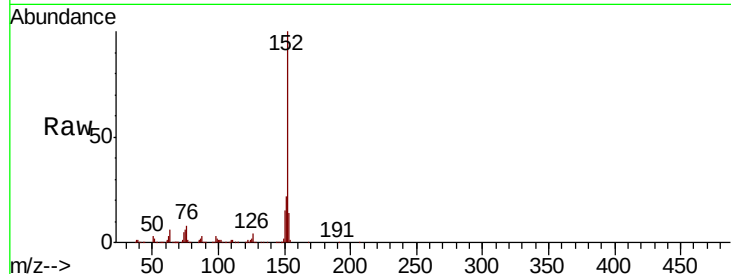
#49
Acenaphthylene
Concen: 46.842 ng
RT: 14.40 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		757108		
151	21.6	16.8	25.2		
153	14.1	11.3	16.9		

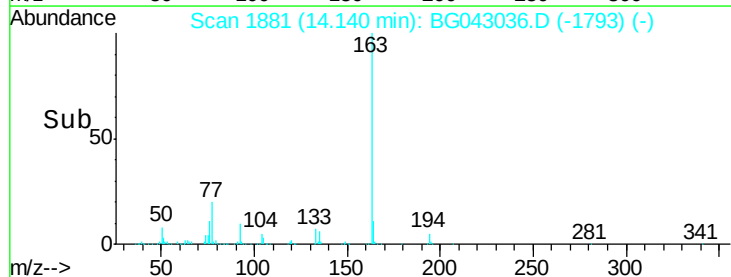
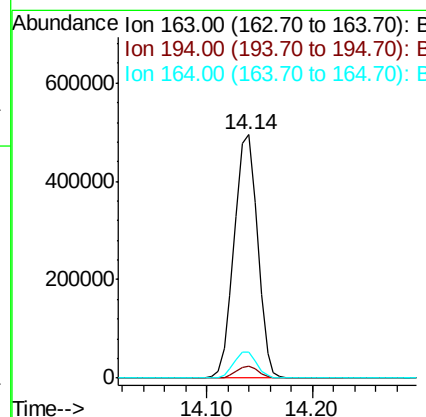
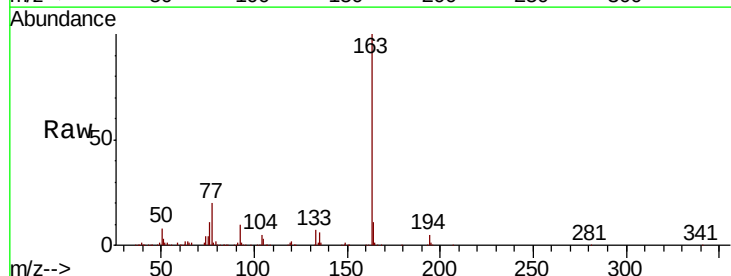
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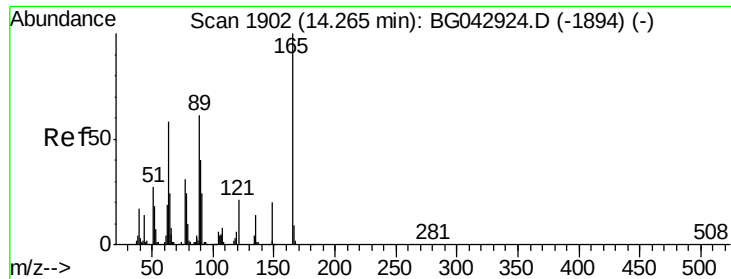
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#50
Dimethylphthalate
Concen: 54.350 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		756552		
194	5.1	4.4	6.6		
164	10.6	8.6	12.8		





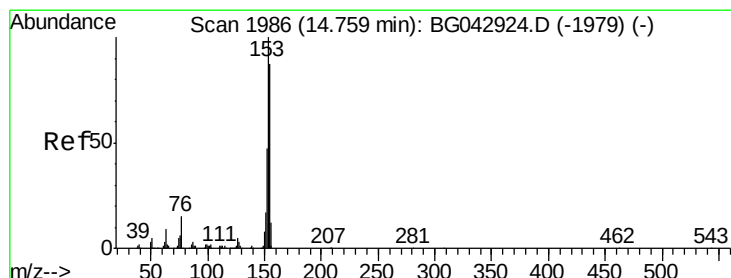
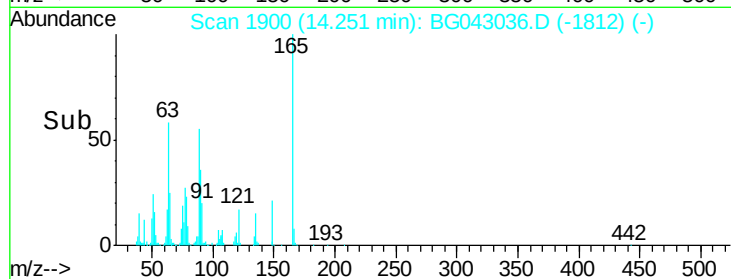
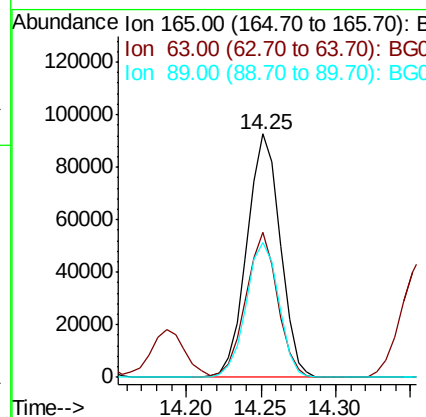
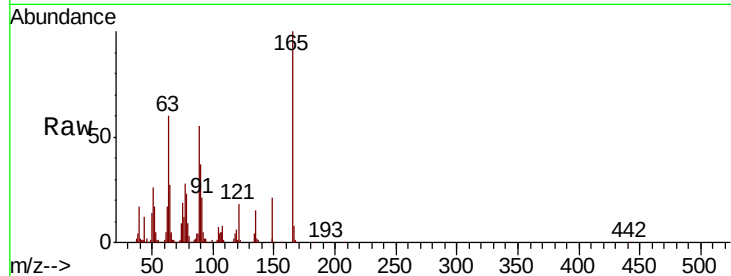
#51
 2,6-Dinitrotoluene
 Concen: 48.120 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.7	50.3	75.5
89	55.3	48.9	73.3

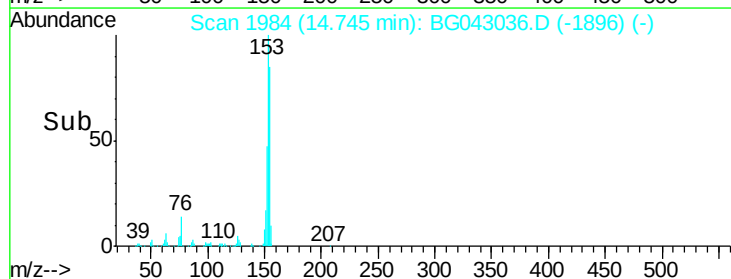
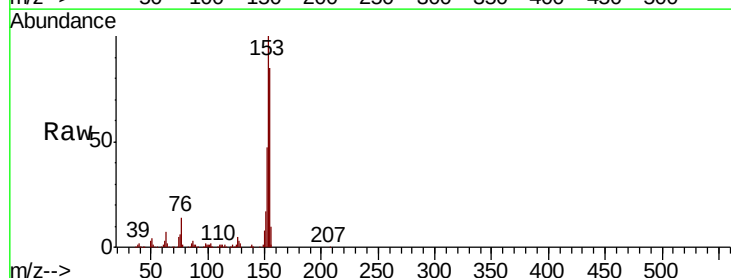
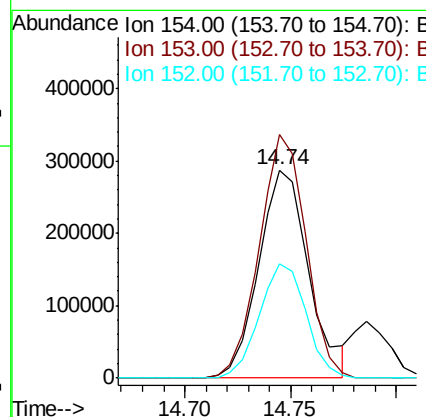
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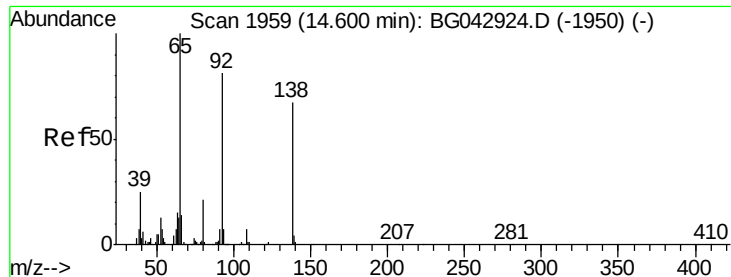
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#52
 Acenaphthene
 Concen: 43.631 ng
 RT: 14.74 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.1	91.4	137.0
152	54.9	42.8	64.2





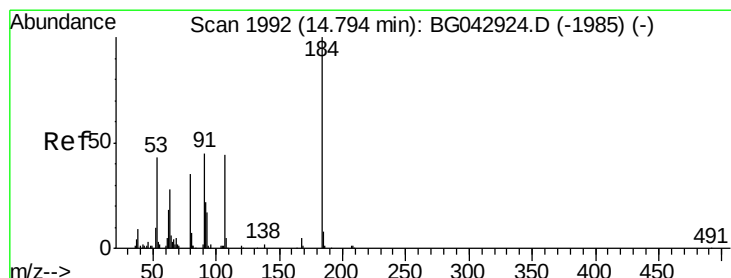
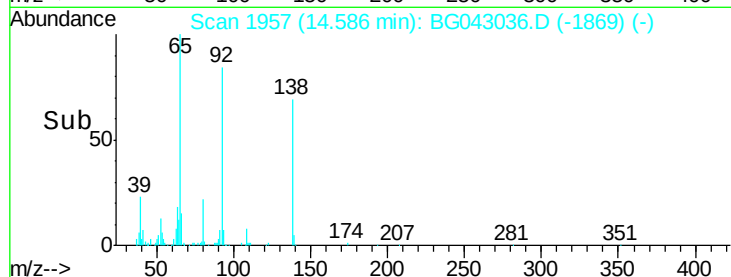
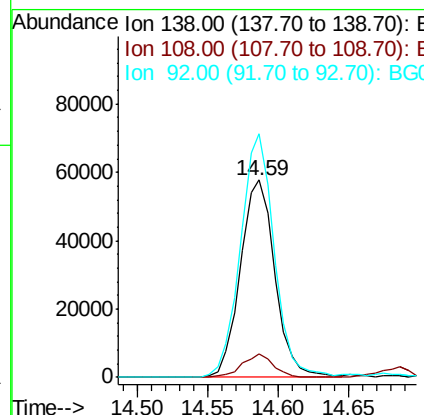
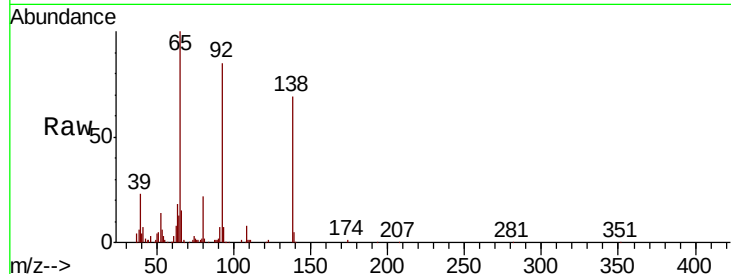
#53
 3-Nitroaniline
 Concen: 32.345 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	7.9	11.9
92	123.5	97.0	145.6

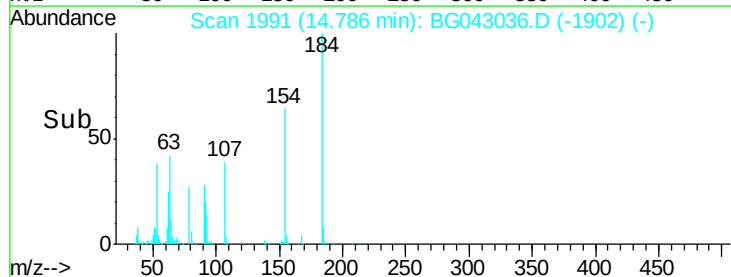
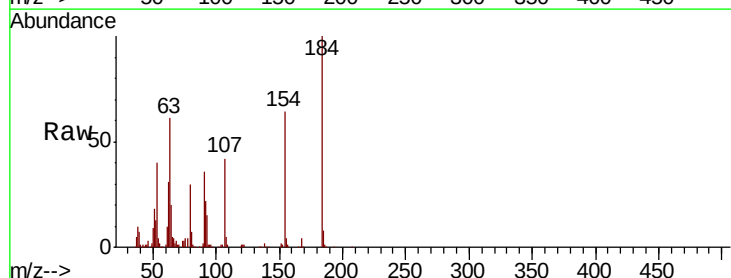
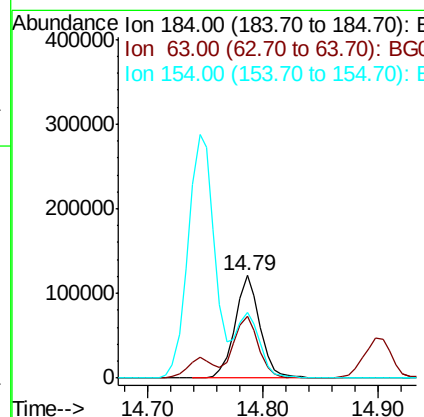
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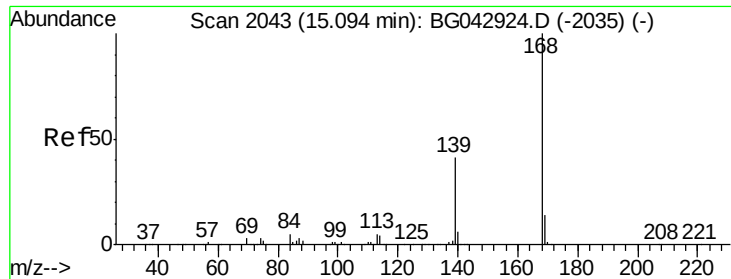
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 98.268 ng
 RT: 14.79 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.8	55.0	82.6
154	64.4	56.5	84.7





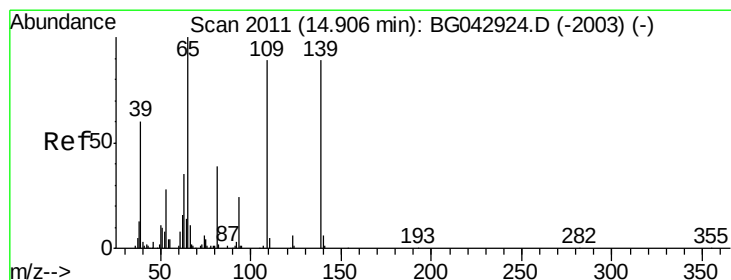
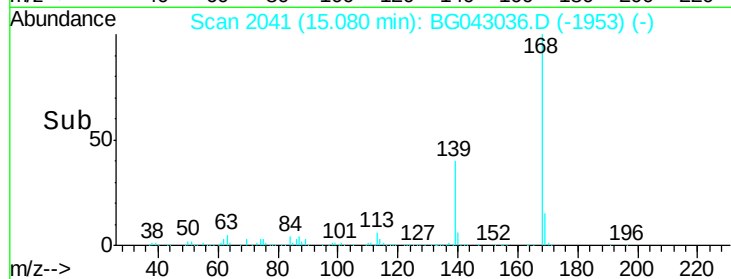
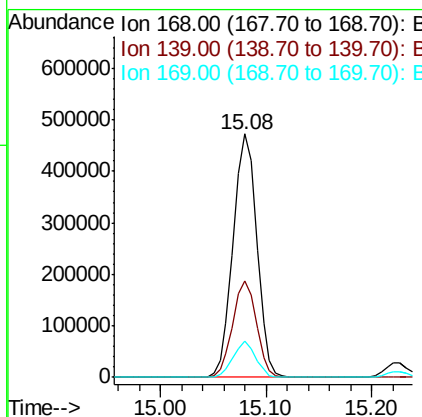
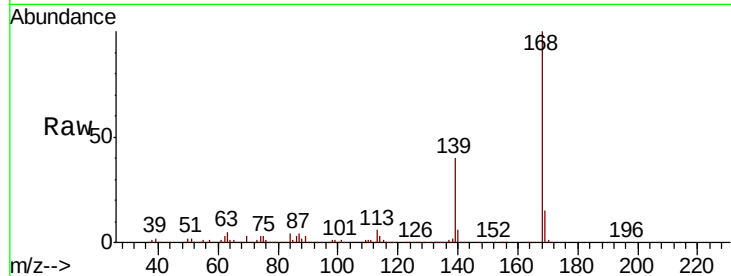
#55
Dibenzofuran
Concen: 45.715 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	32.6	48.8
169	14.6	11.2	16.8

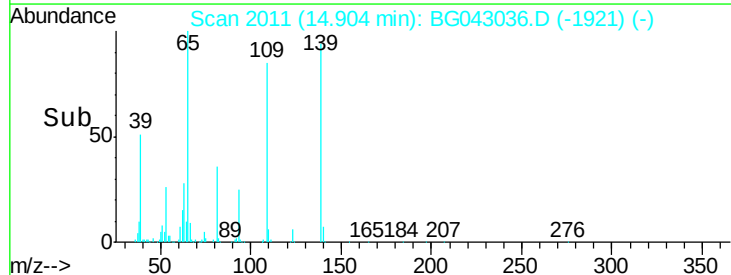
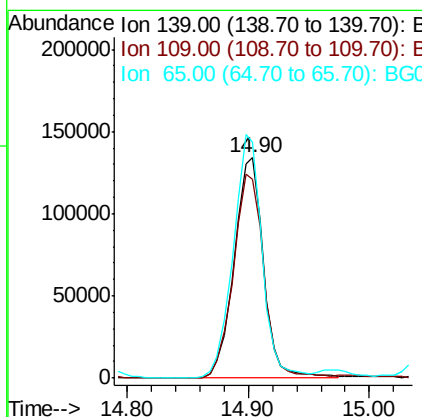
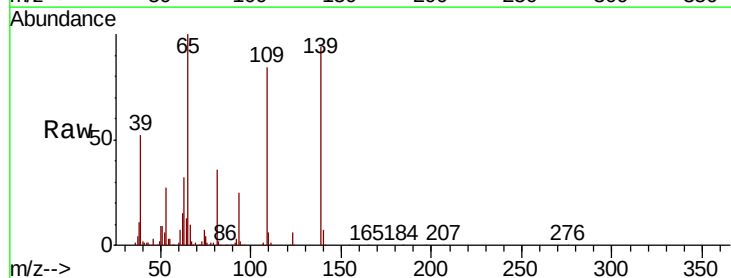
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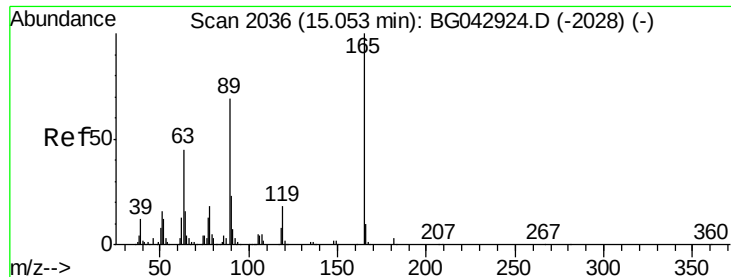
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#56
4-Nitrophenol
Concen: 97.804 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	90.3	79.4	119.4
65	106.9	92.5	132.5





#57

2,4-Dinitrotoluene

Concen: 46.307 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

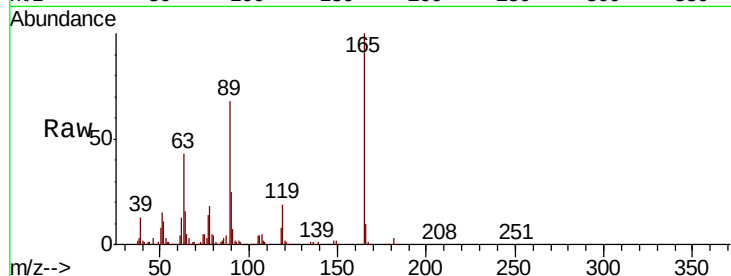
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		201021		
63	42.7	36.5	54.7		
89	68.4	55.5	83.3		
182	2.8	2.4	3.6		

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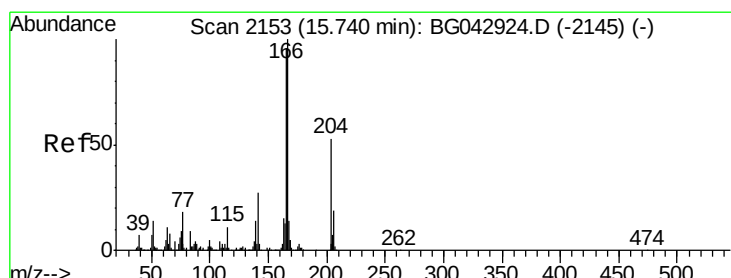
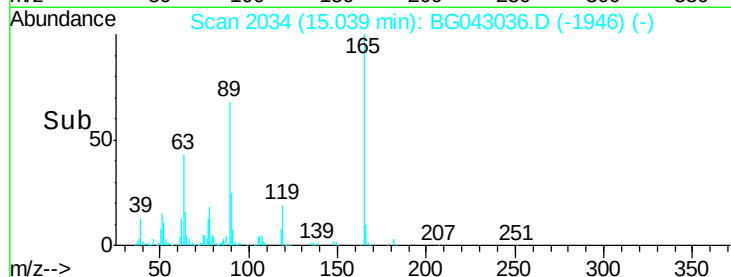
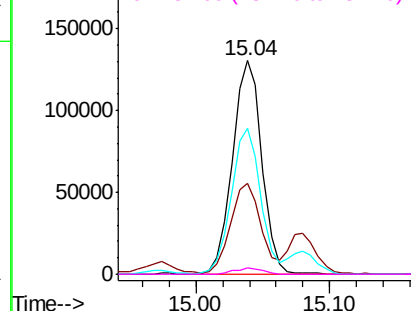


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 44.995 ng

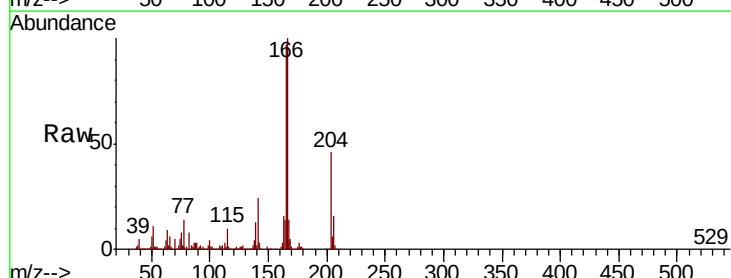
RT: 15.73 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

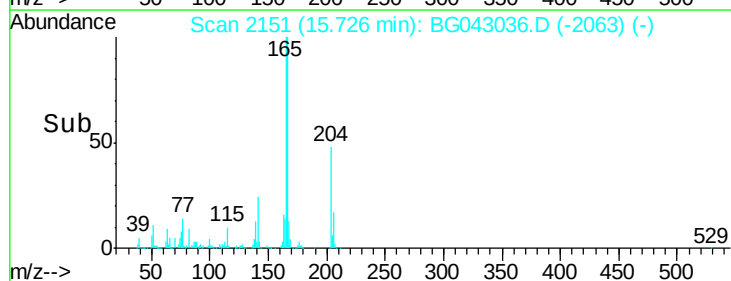
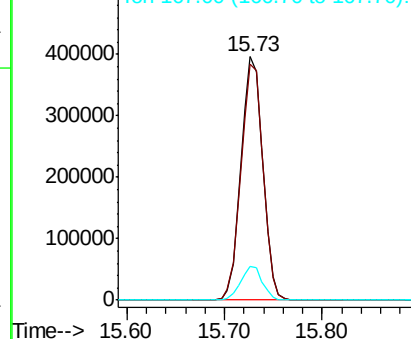
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		614783		
165	97.0	77.1	115.7		
167	13.7	11.0	16.6		

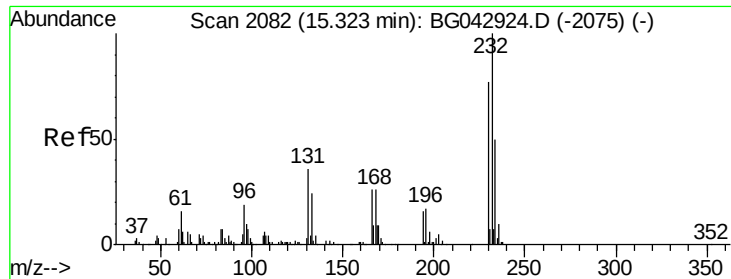


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





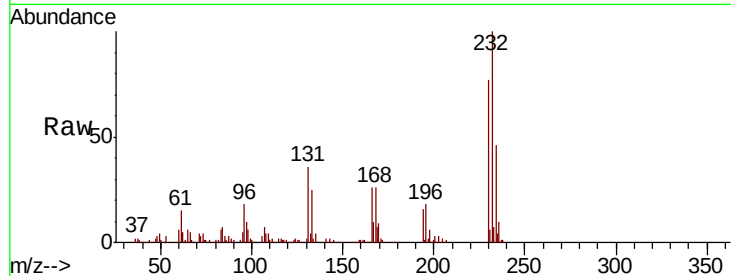
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.288 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	212061		
131	35.7	29.6	44.4	
130	2.2	1.9	2.9	
166	26.5	21.8	32.8	

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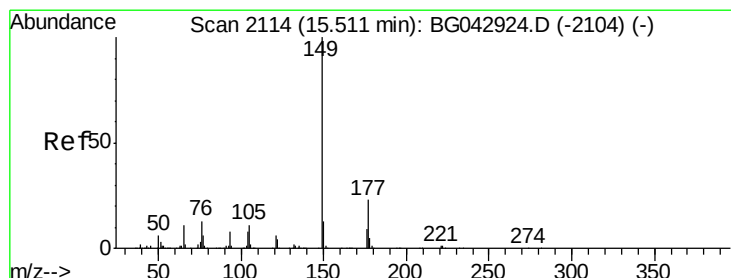
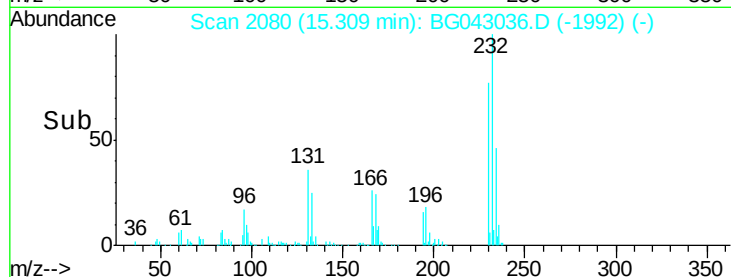
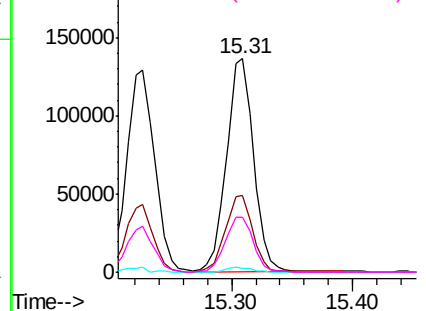
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

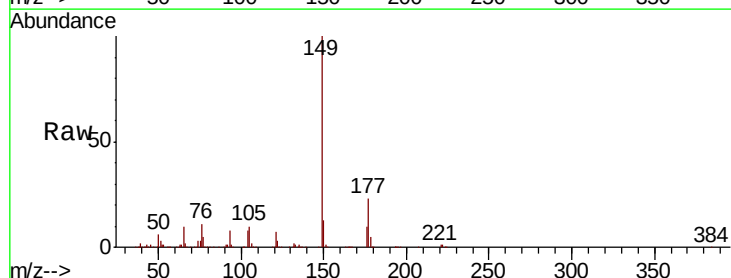
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.282 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	613155		
177	23.2	18.8	28.2	
150	13.1	10.6	15.8	

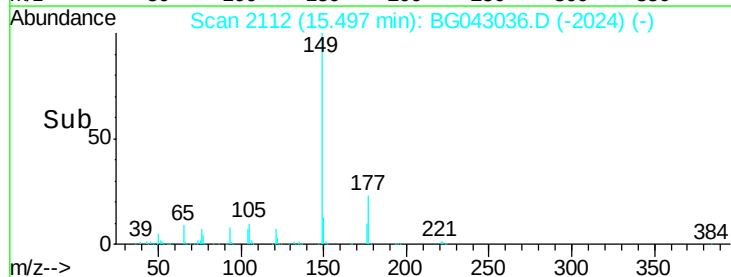
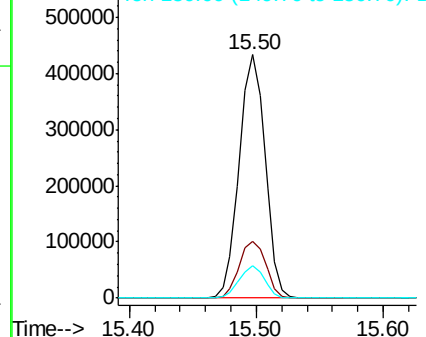


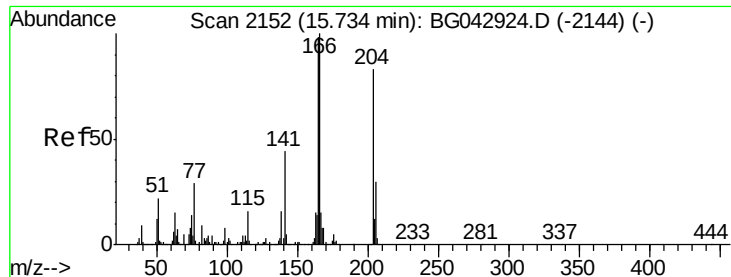
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





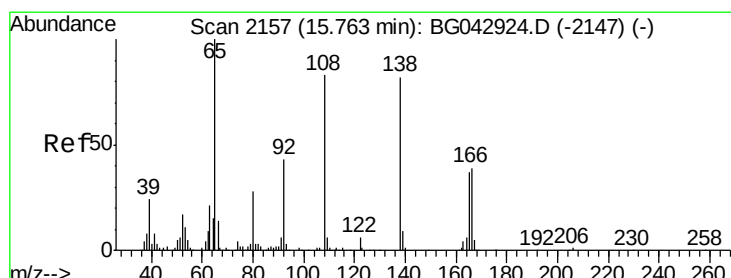
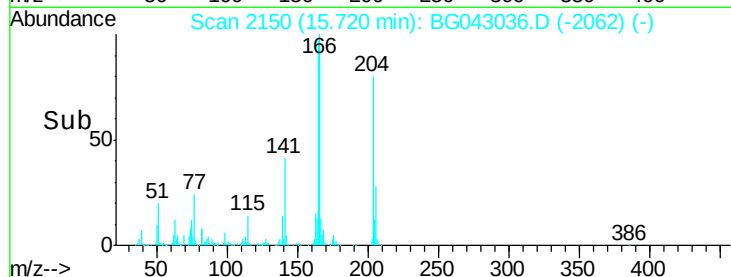
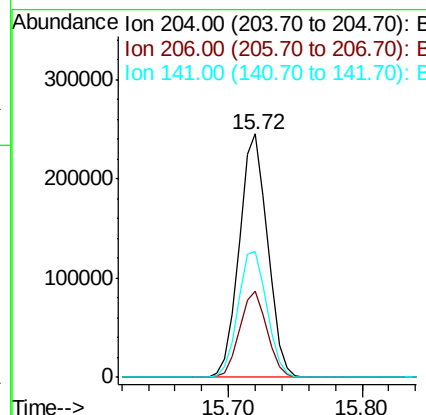
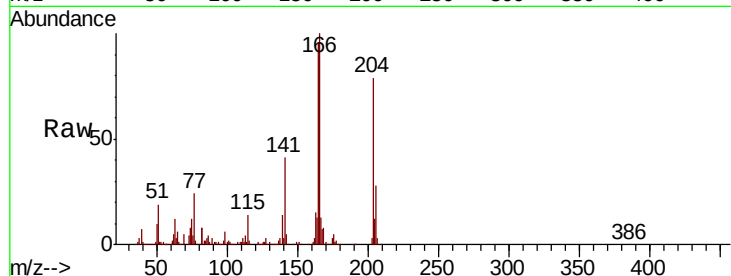
#61
4-Chlorophenyl-phenylether
Concen: 44.014 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.5	28.5	42.7
141	51.5	42.4	63.6

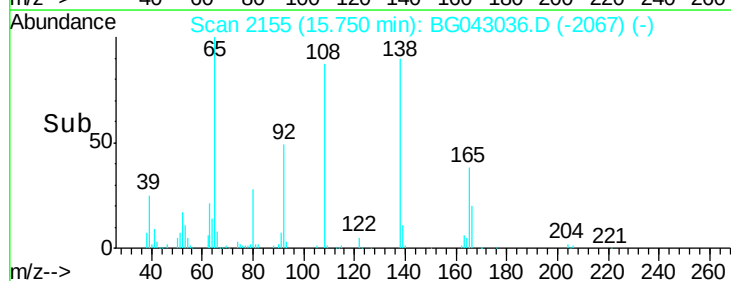
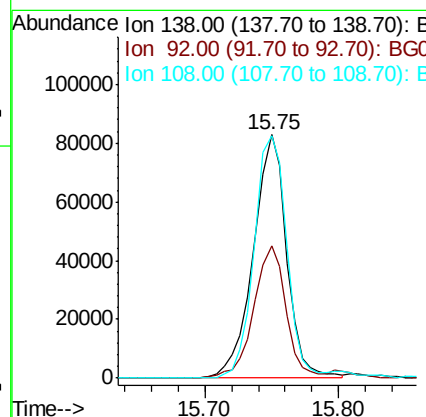
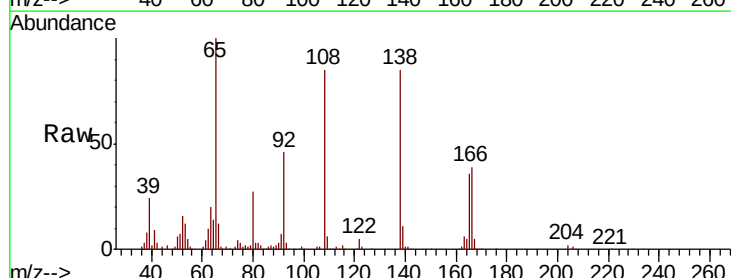
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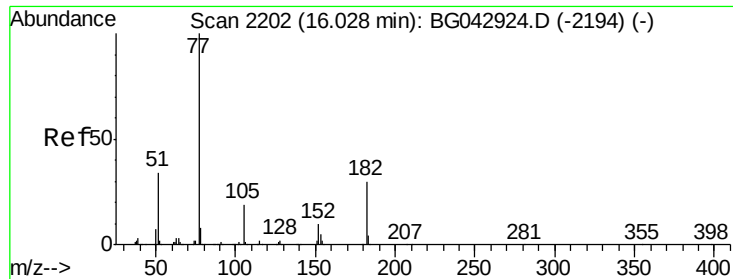
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#62
4-Nitroaniline
Concen: 42.542 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.1	32.9	72.9
108	99.5	81.3	121.3





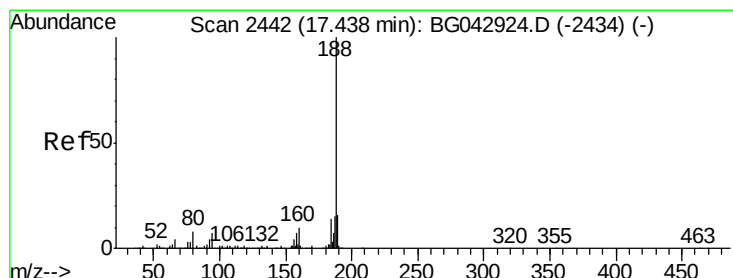
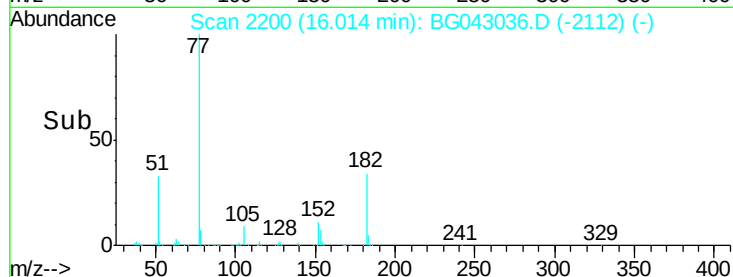
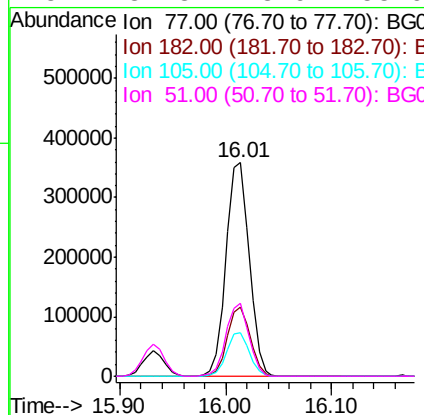
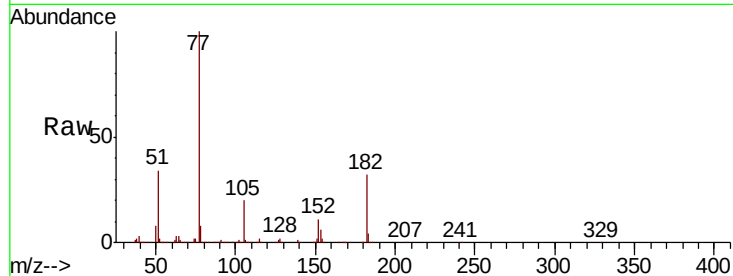
#63
Azobenzene
Concen: 42.270 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	32.3	10.2	50.2		
105	20.3	0.0	39.1		
51	34.3	13.9	53.9		

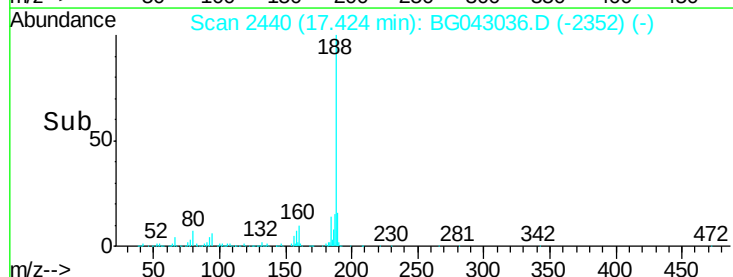
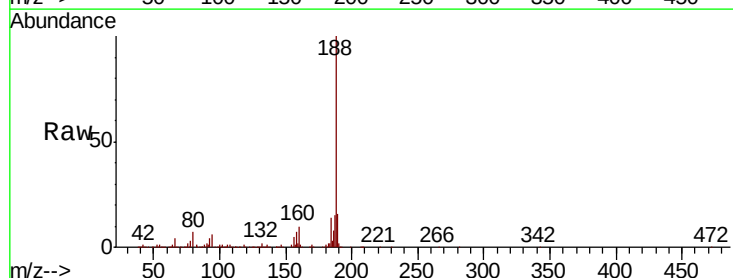
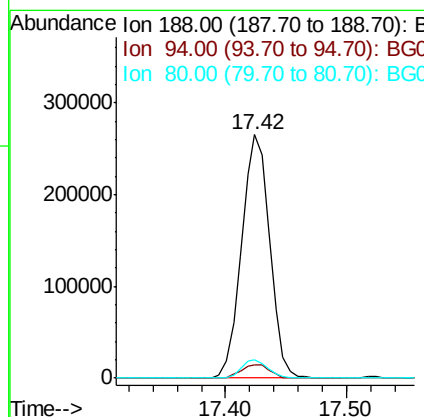
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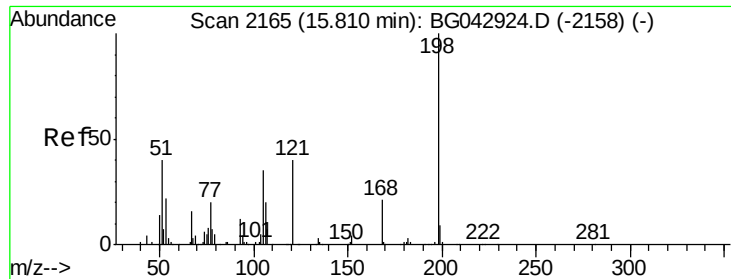
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	5.6	5.7	8.5#		
80	7.3	6.5	9.7		





#65

4,6-Dinitro-2-methylphenol

Concen: 51.621 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

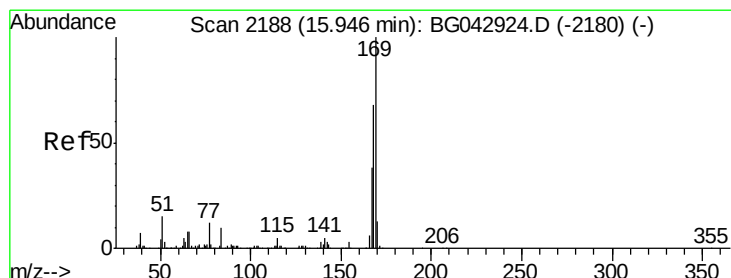
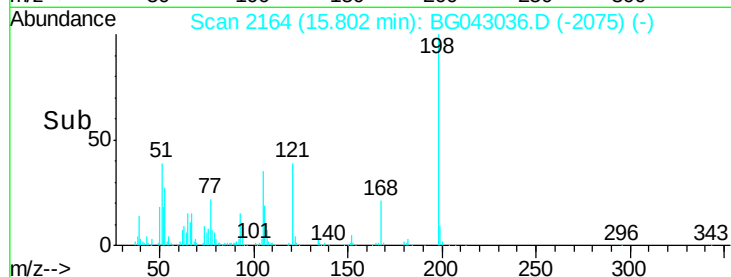
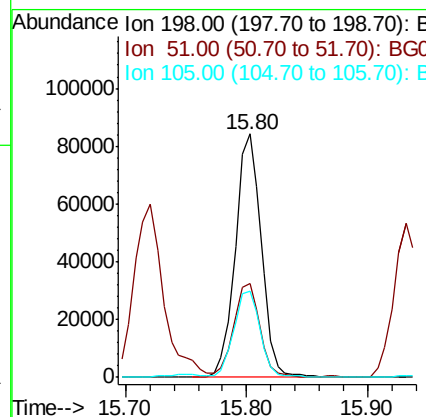
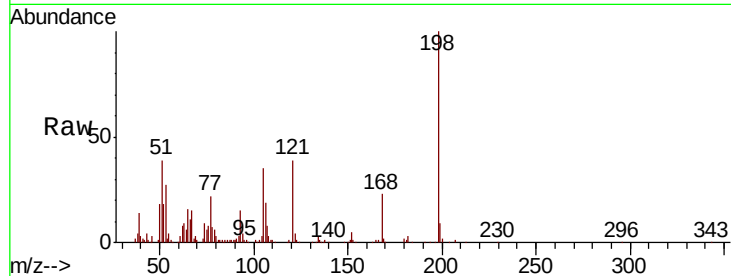
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tot Ion:	198	Resp:	125939
Ion Ratio	Lower	Upper	
198	100		
51	38.6	25.3	65.3
105	35.3	16.6	56.6

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#66

n-Nitrosodiphenylamine

Concen: 48.501 ng

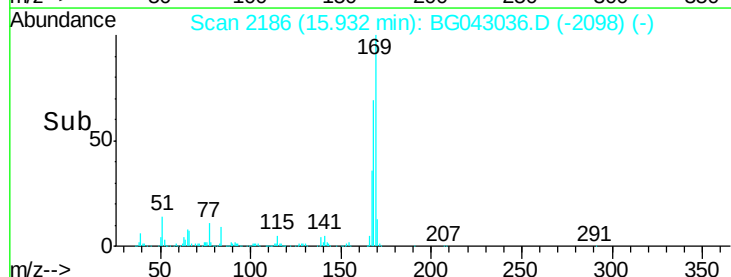
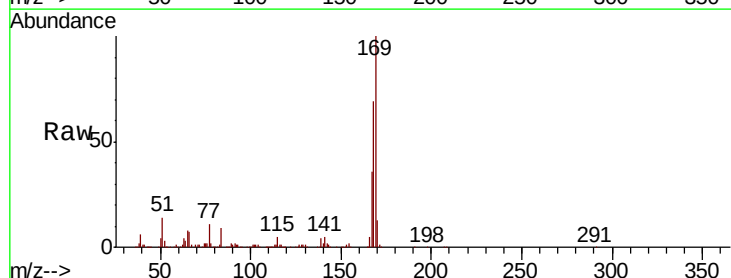
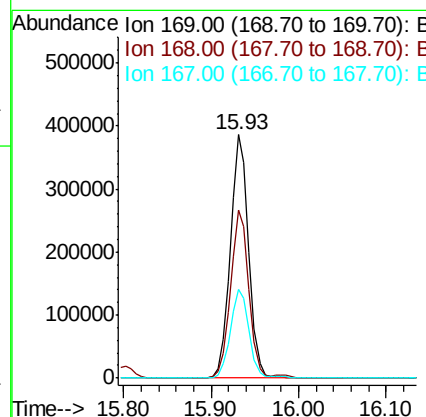
RT: 15.93 min Scan# 2186

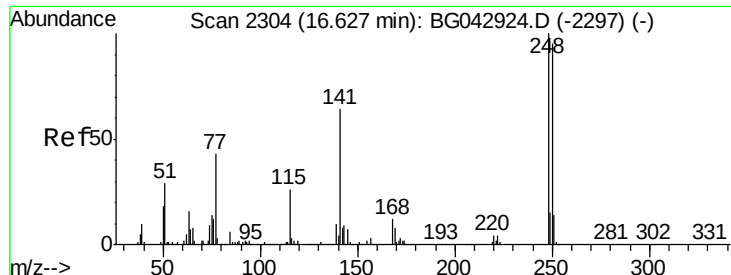
Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Tgt Ion:	169	Resp:	552017
Ion Ratio	Lower	Upper	
169	100		
168	69.3	54.8	82.2
167	36.2	30.6	46.0





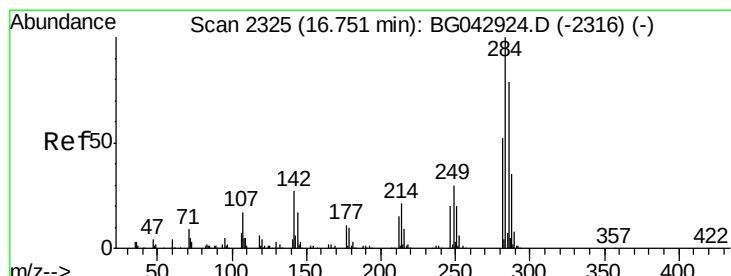
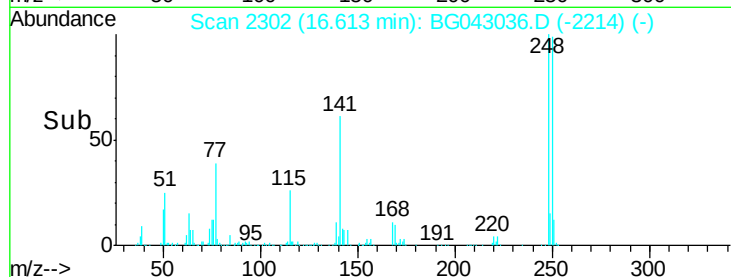
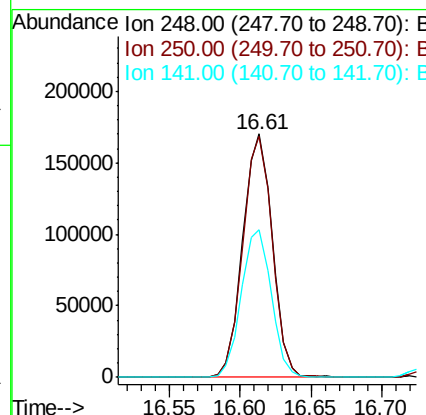
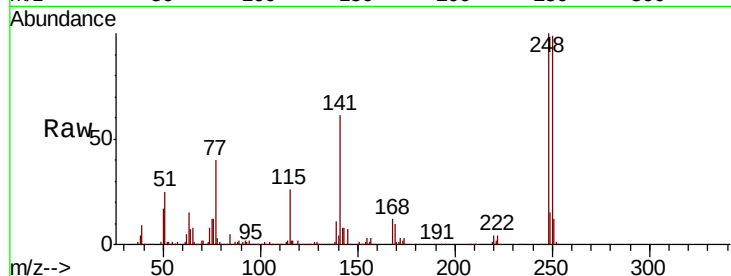
#67
4-Bromophenyl-phenylether
Concen: 46.214 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	75.8	113.8
141	60.8	51.1	76.7

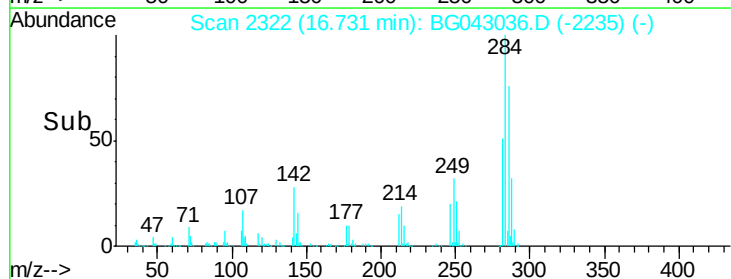
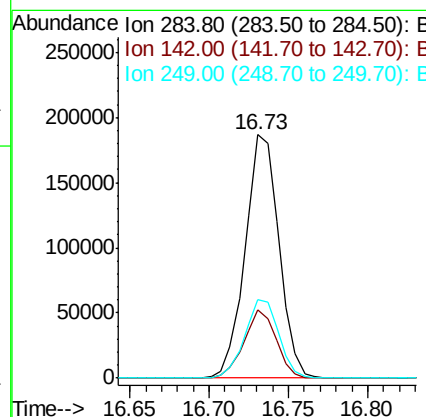
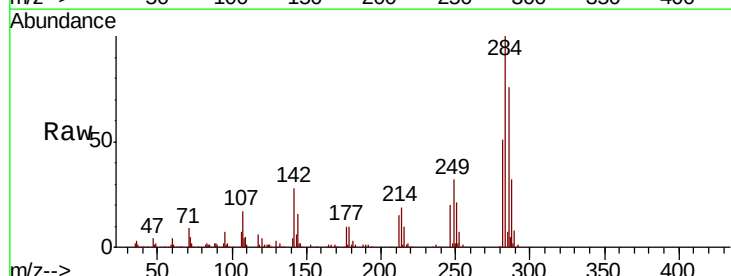
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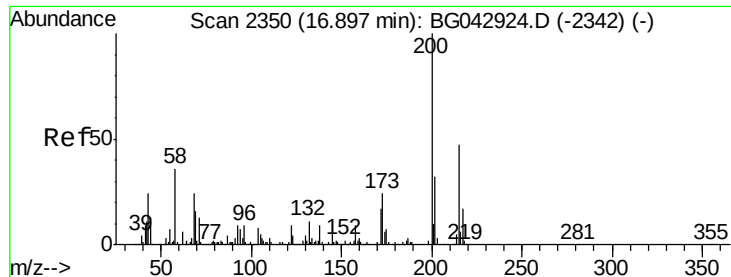
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#68
Hexachlorobenzene
Concen: 45.763 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.9	21.6	32.4
249	32.4	24.1	36.1





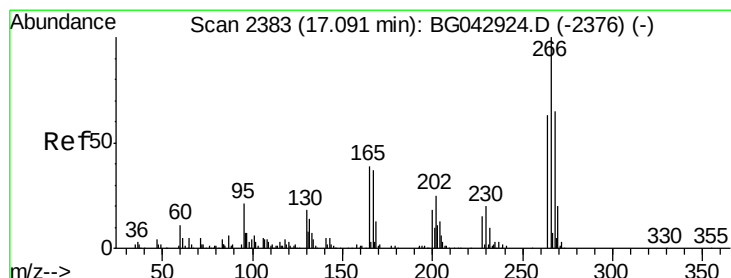
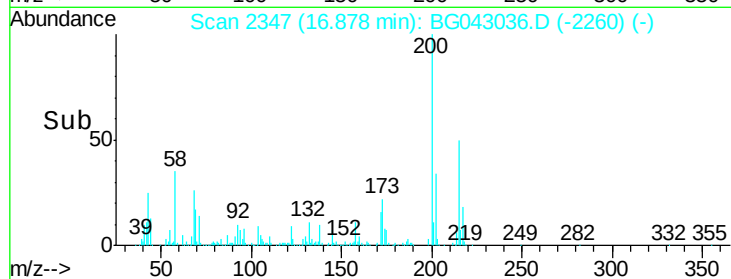
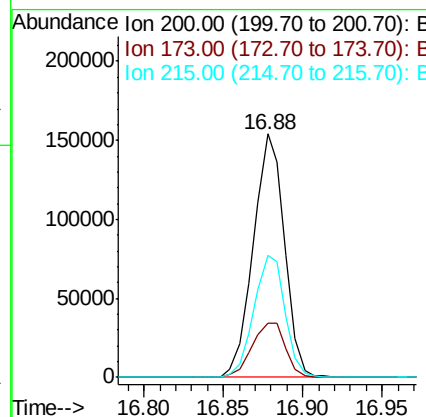
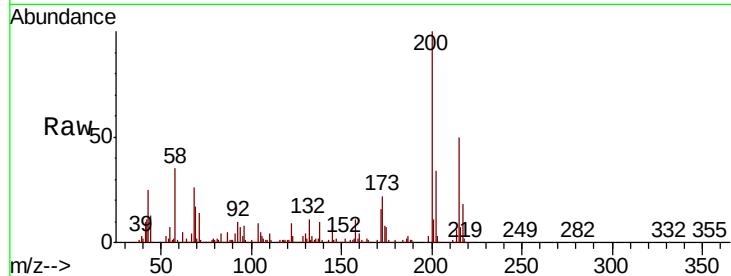
#69
 Atrazine
 Concen: 43.901 ng
 RT: 16.88 min Scan# 2347
 Delta R.T. -0.02 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	210407		
173	22.3	4.0	44.0	
215	50.1	27.4	67.4	

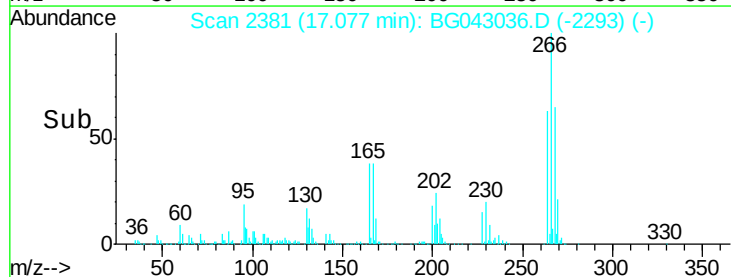
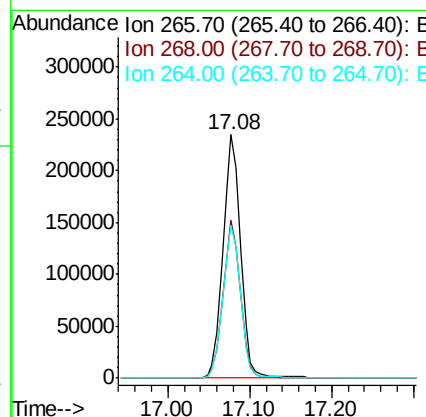
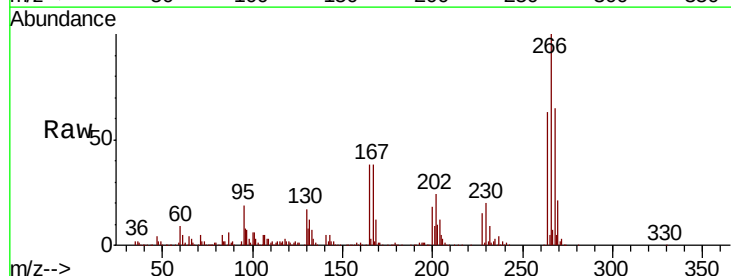
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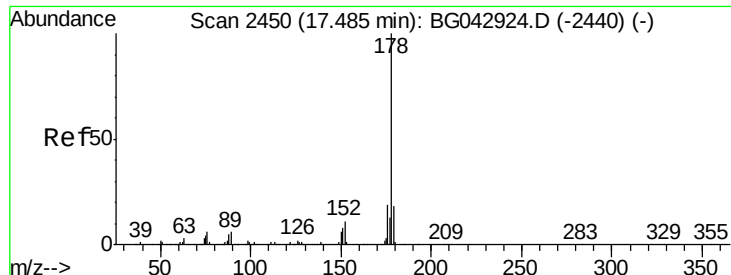
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#70
 Pentachlorophenol
 Concen: 102.151 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	355136		
268	64.8	52.2	78.2	
264	63.0	50.7	76.1	





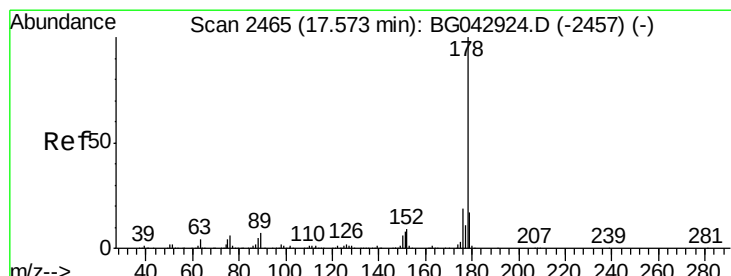
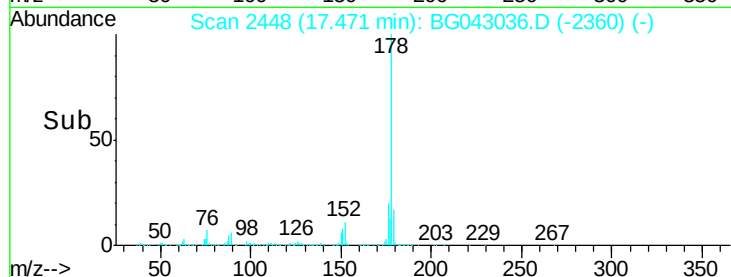
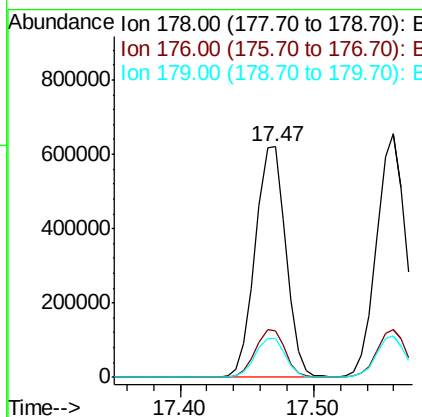
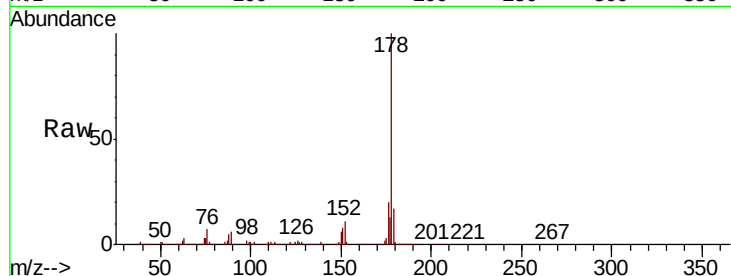
#71
Phenanthrene
Concen: 46.858 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.1	22.7
179	17.1	14.1	21.1

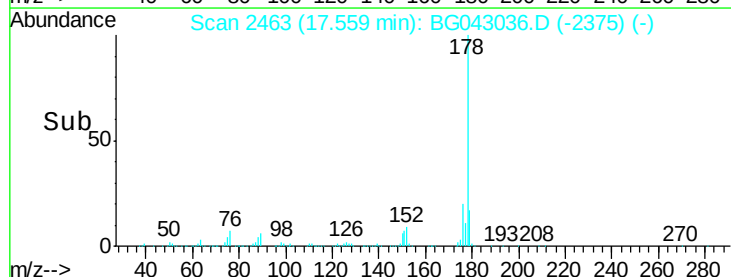
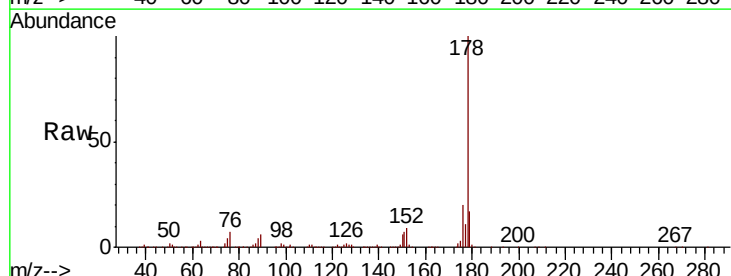
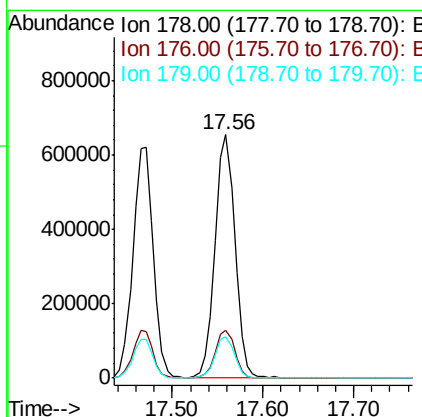
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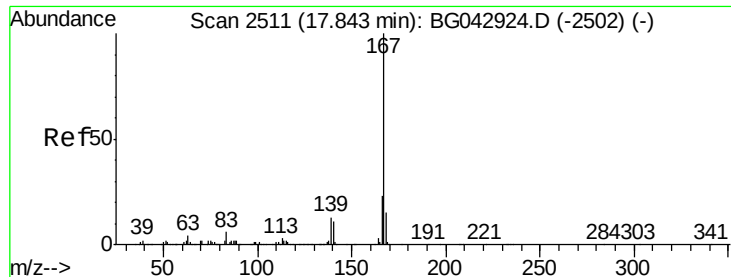
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#72
Anthracene
Concen: 47.557 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	17.2	13.5	20.3





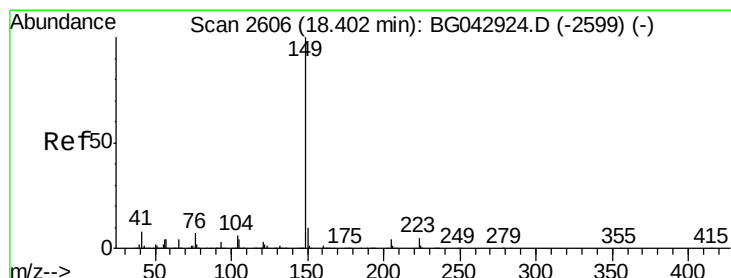
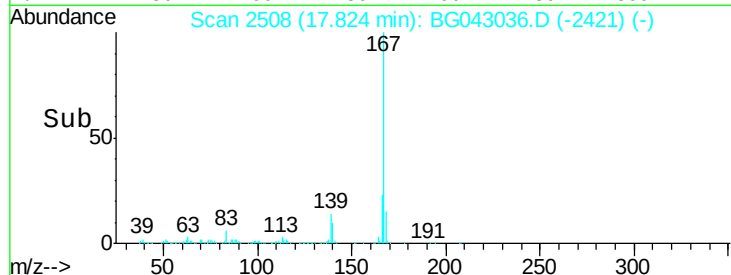
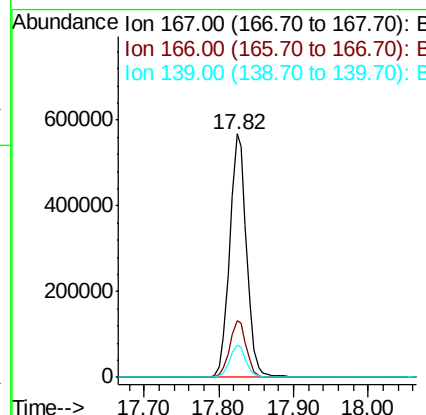
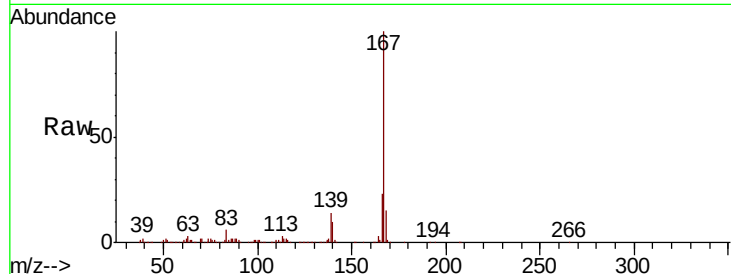
#73
 Carbazole
 Concen: 46.165 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. -0.02 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100	899566		
166	23.1		18.6	28.0
139	13.5		10.8	16.2

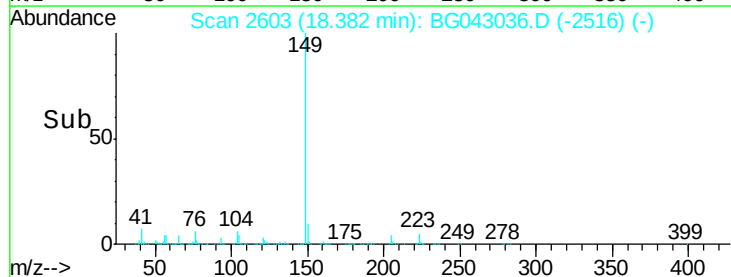
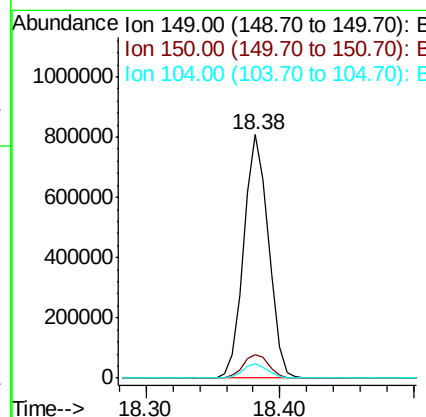
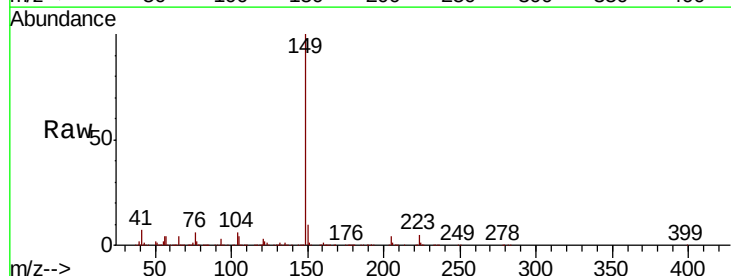
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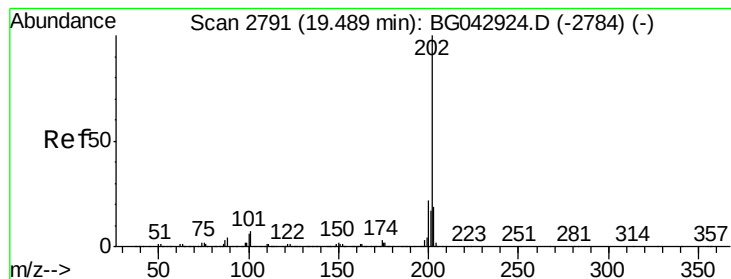
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#74
 Di-n-butylphthalate
 Concen: 44.309 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.02 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1030135		
150	9.8		7.7	11.5
104	5.9		5.0	7.6





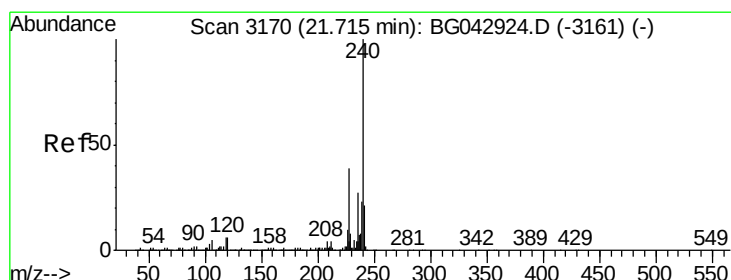
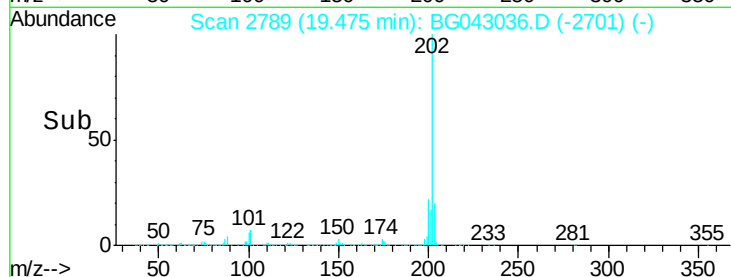
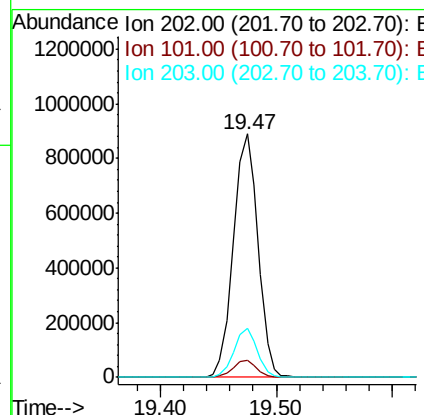
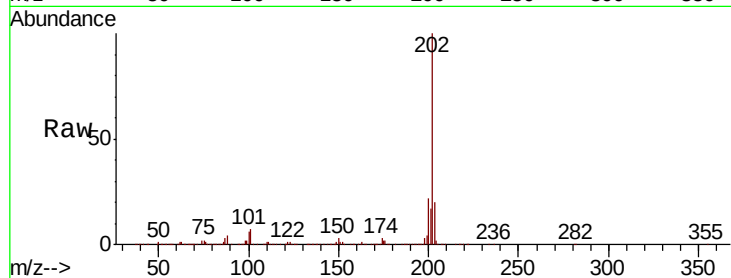
#75
 Fluoranthene
 Concen: 47.119 ng
 RT: 19.47 min Scan# 2789
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	27.3
203	20.1	0.0	39.5

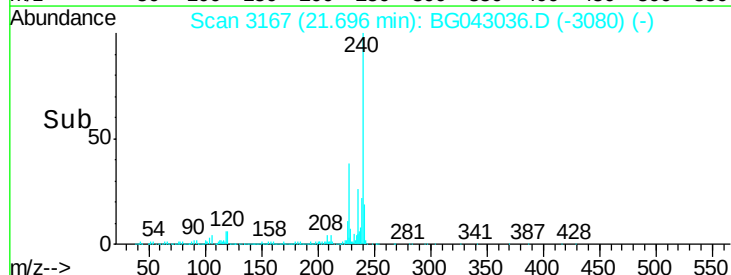
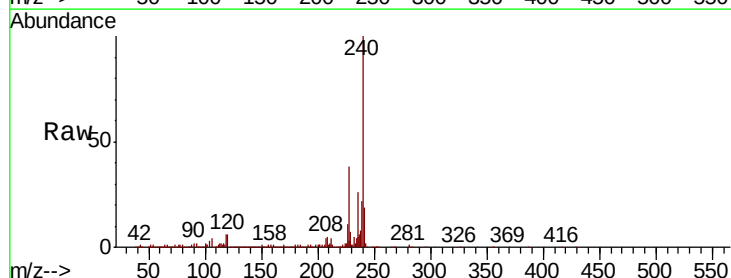
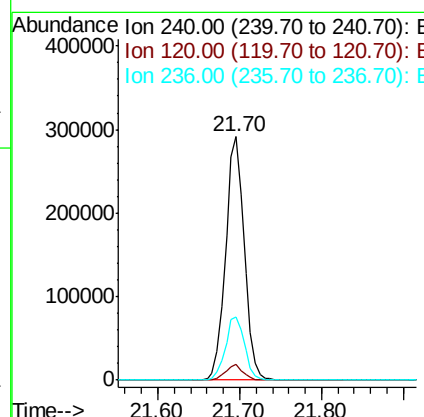
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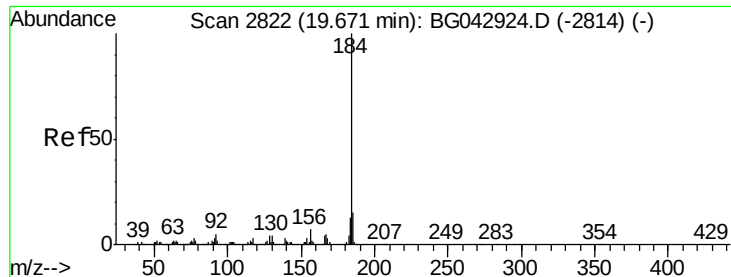
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.02 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.5	4.8	7.2
236	26.1	21.4	32.0





#77

Benzidine

Concen: 61.607 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

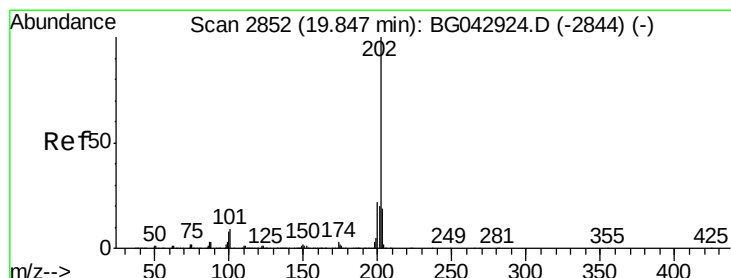
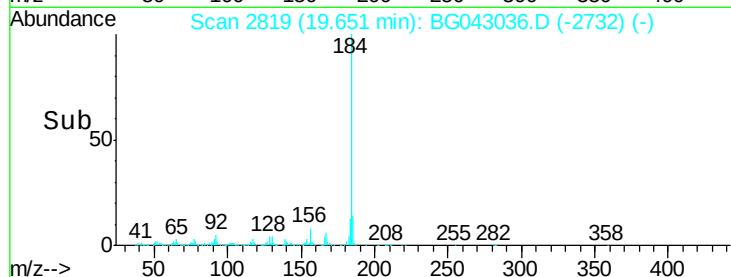
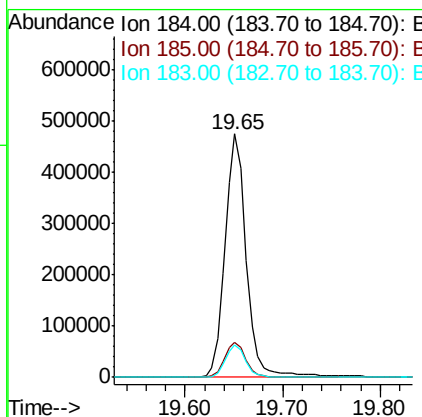
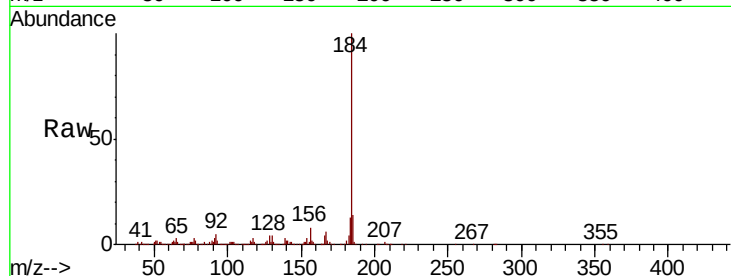
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tot Ion:	184	Resp:	712895
Ion Ratio		Lower	Upper
184	100		
185	14.3	11.8	17.8
183	13.3	10.1	15.1

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#78

Pyrene

Concen: 47.585 ng

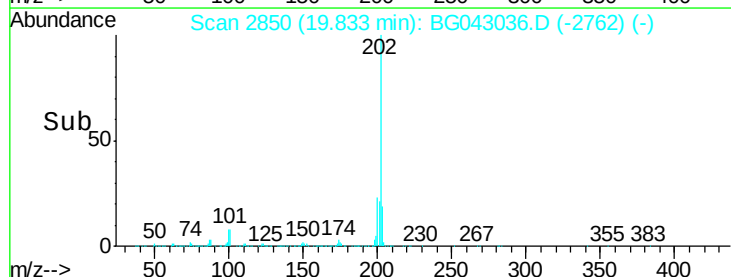
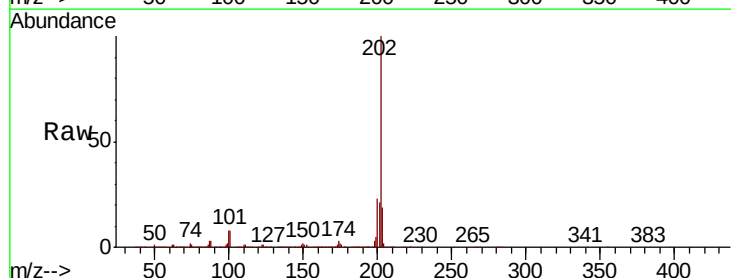
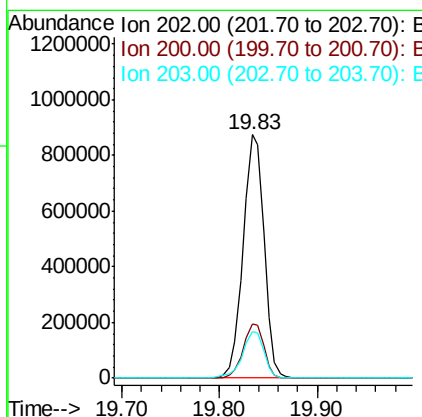
RT: 19.83 min Scan# 2850

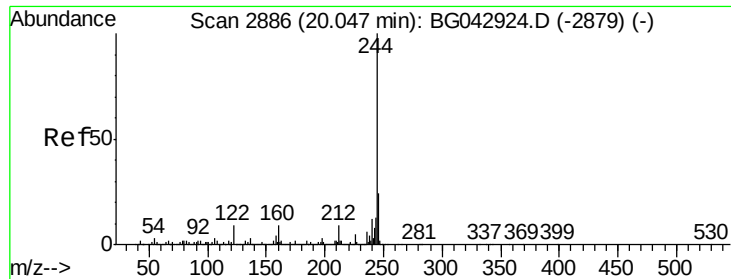
Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Tgt Ion:	202	Resp:	1312568
Ion Ratio		Lower	Upper
202	100		
200	22.5	17.6	26.4
203	19.2	15.2	22.8





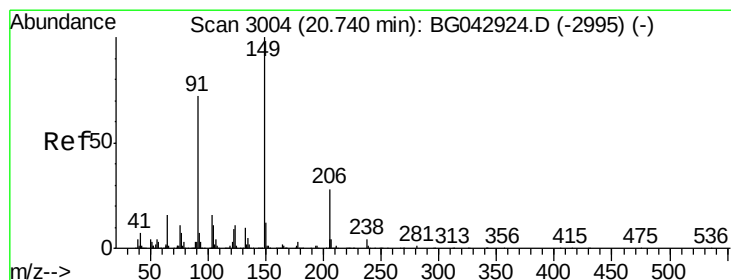
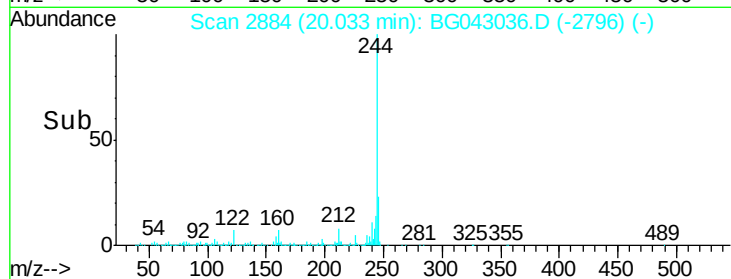
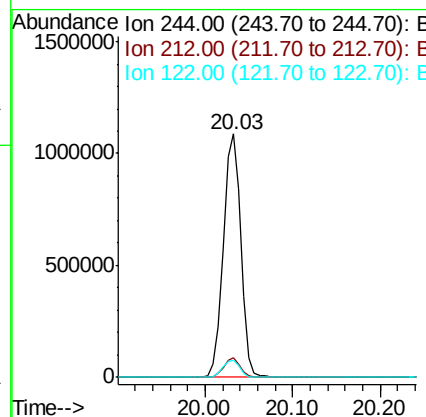
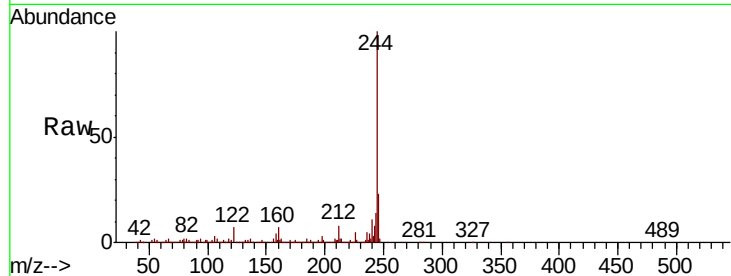
#79
 Terphenyl-d14
 Concen: 69.725 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.4	11.0
122	6.9	7.0	10.4

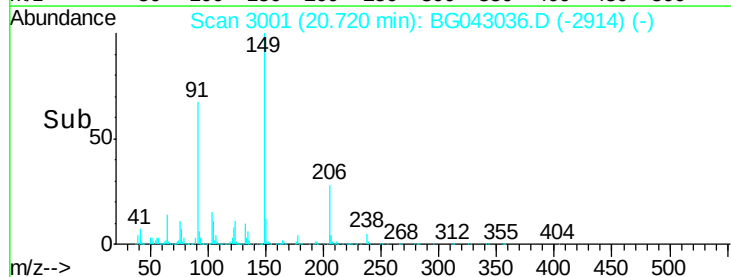
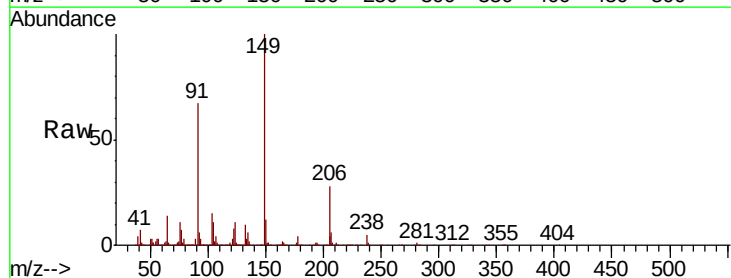
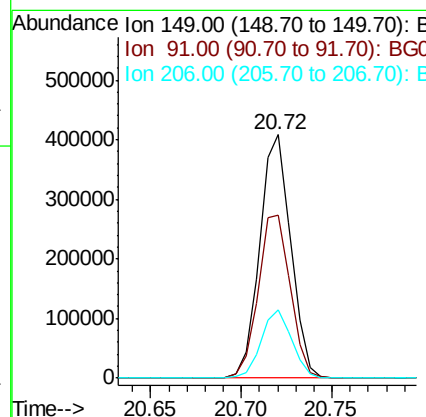
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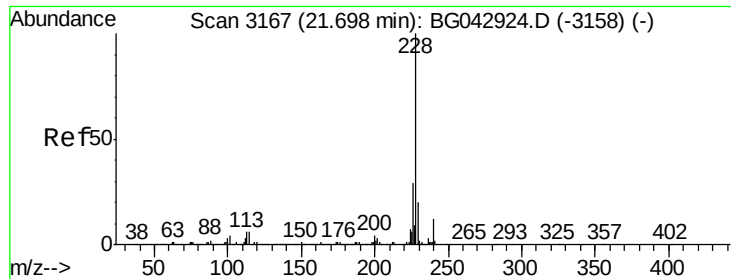
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#80
 Butylbenzylphthalate
 Concen: 46.375 ng
 RT: 20.72 min Scan# 3001
 Delta R.T. -0.02 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.2	57.7	86.5
206	28.1	22.6	33.8





#81

Benzo(a)anthracene

Concen: 46.067 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

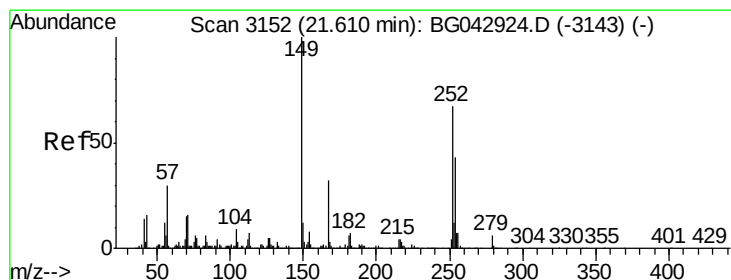
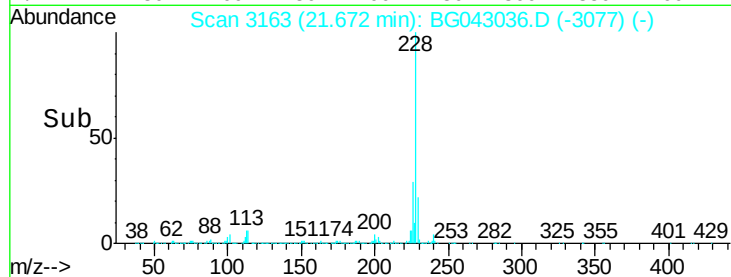
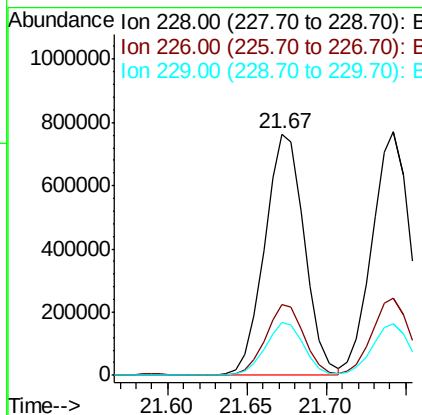
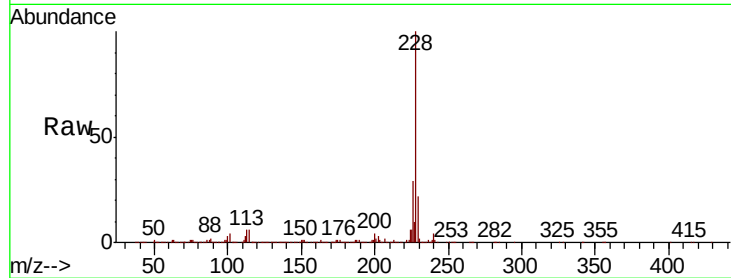
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tot Ion:	228	Resp:	1326550
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.0	34.4
229	21.9	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 34.463 ng

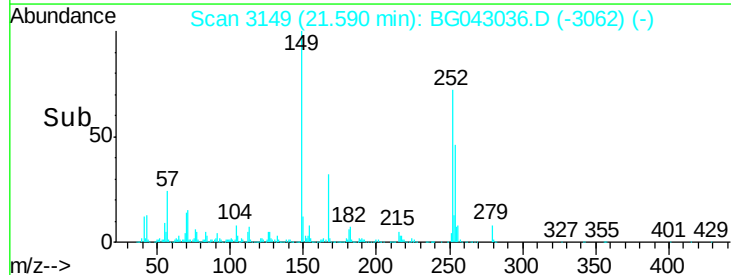
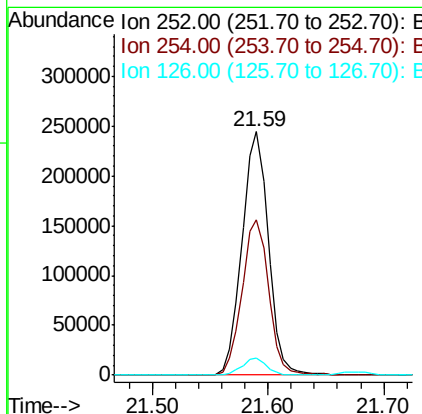
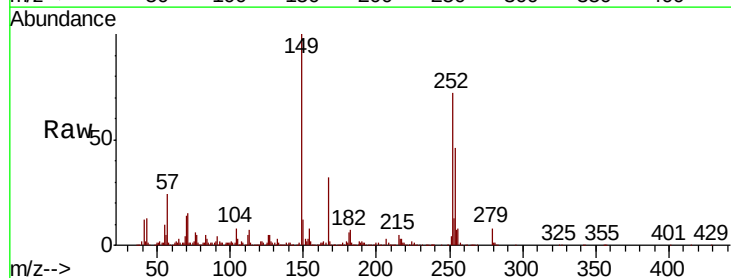
RT: 21.59 min Scan# 3149

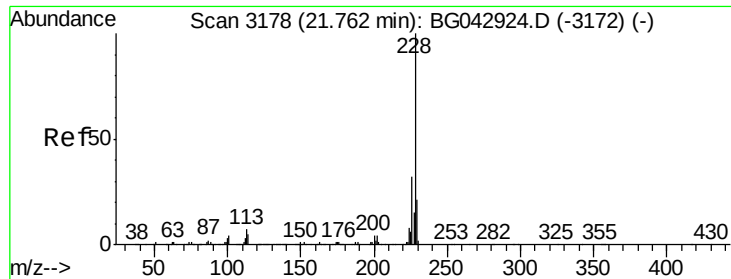
Delta R.T. -0.02 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Tgt Ion:	252	Resp:	389223
Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.9	77.9
126	7.0	6.1	9.1





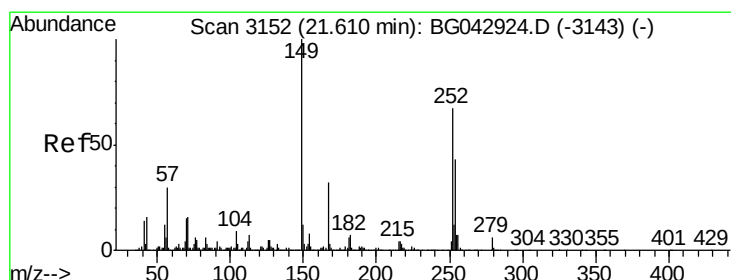
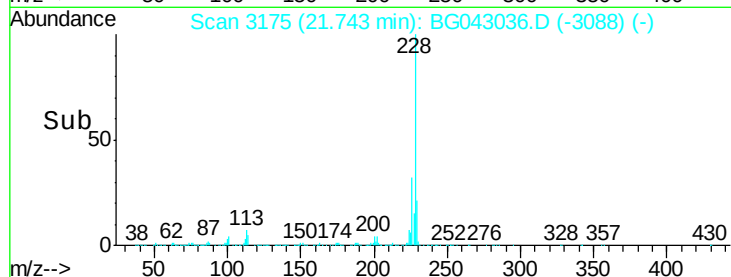
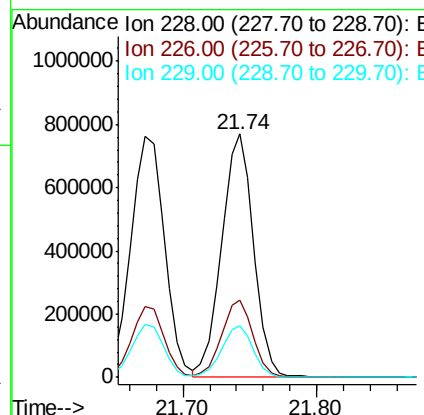
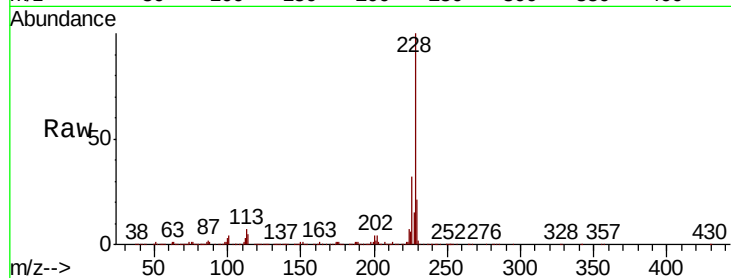
#83
 Chrysene
 Concen: 45.982 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.02 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tot Ion:	228	Resp:	1284930
Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.6	38.4
229	21.1	16.9	25.3

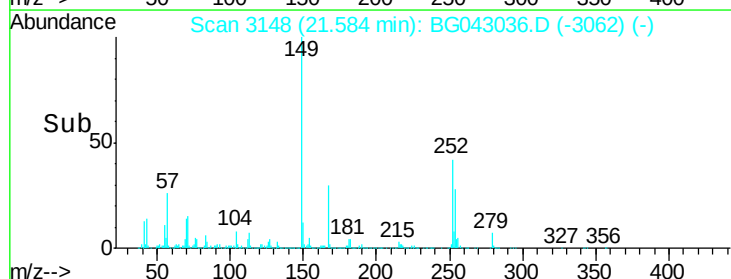
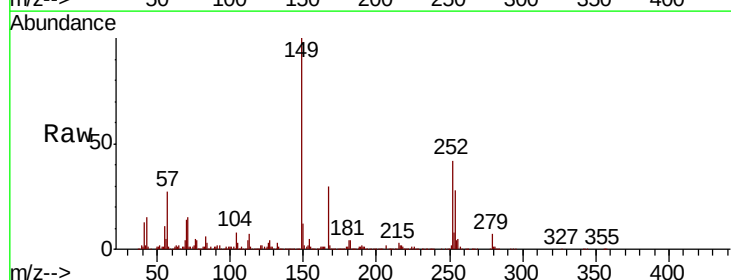
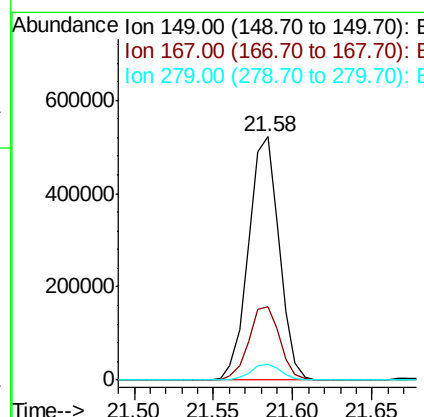
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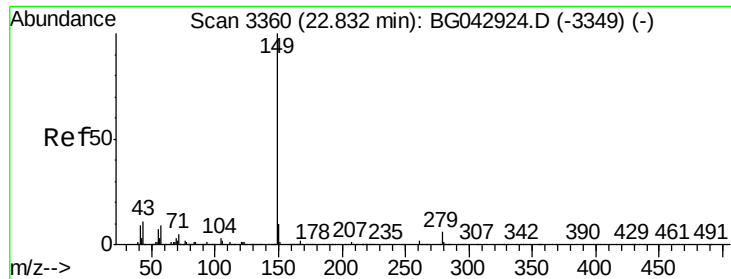
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.918 ng
 RT: 21.58 min Scan# 3148
 Delta R.T. -0.03 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Tgt Ion:	149	Resp:	698999
Ion	Ratio	Lower	Upper
149	100		
167	30.4	25.4	38.2
279	6.7	5.1	7.7





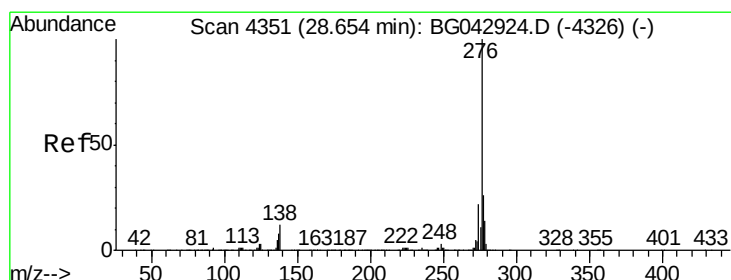
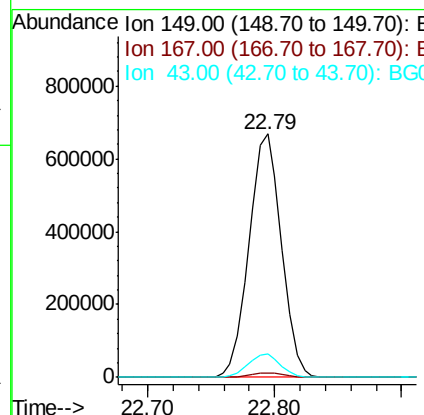
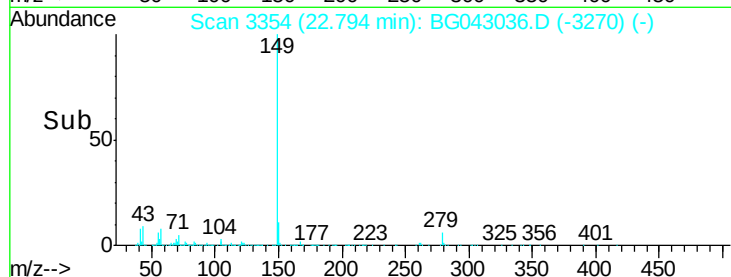
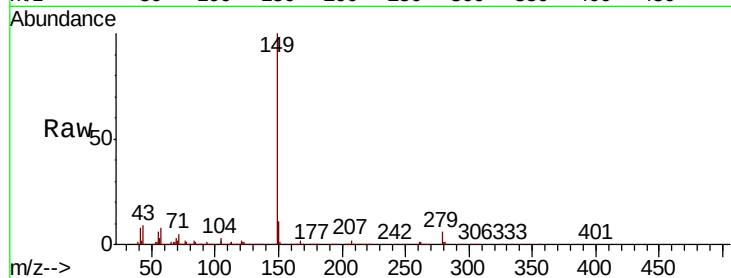
#85
Di-n-octyl phthalate
Concen: 48.511 ng
RT: 22.79 min Scan# 3354
Delta R.T. -0.04 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.4	8.7	13.1

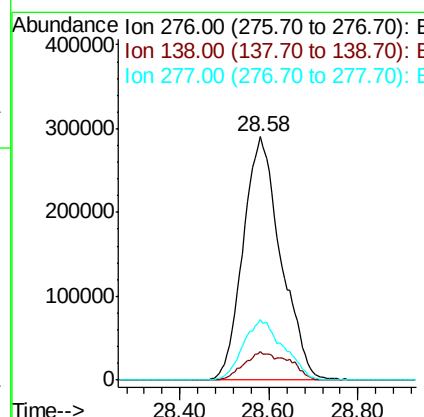
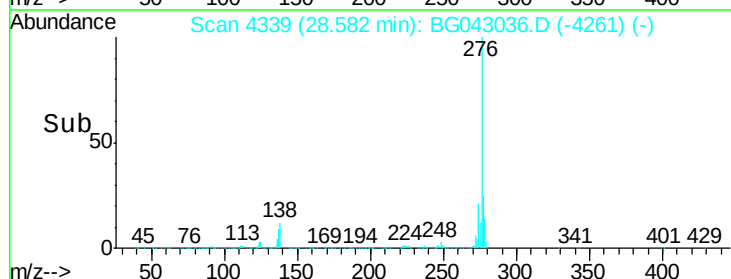
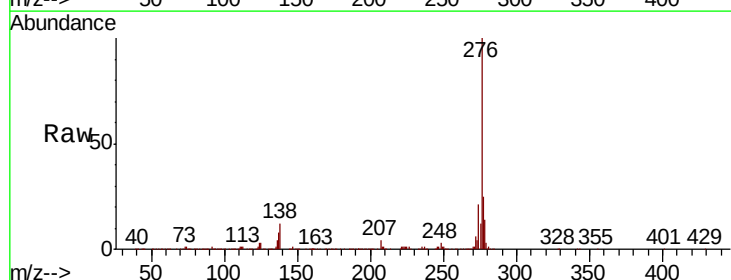
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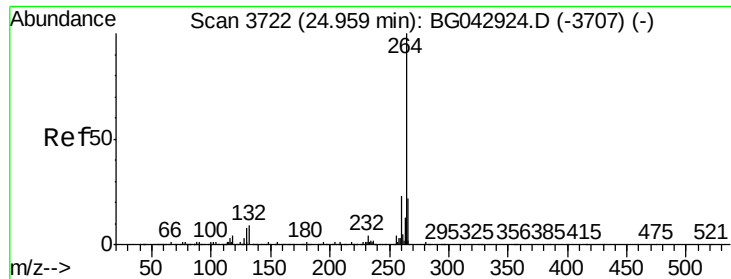
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 48.798 ng
RT: 28.58 min Scan# 4339
Delta R.T. -0.07 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.1	7.0	10.6#
277	26.5	20.9	31.3





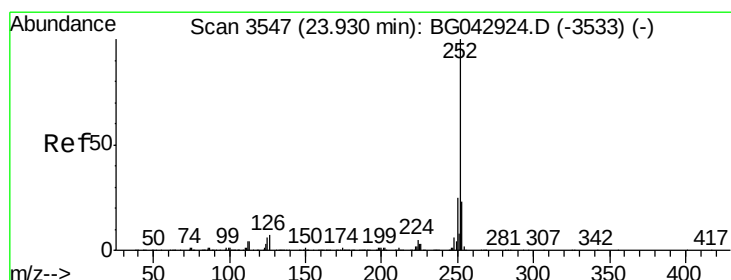
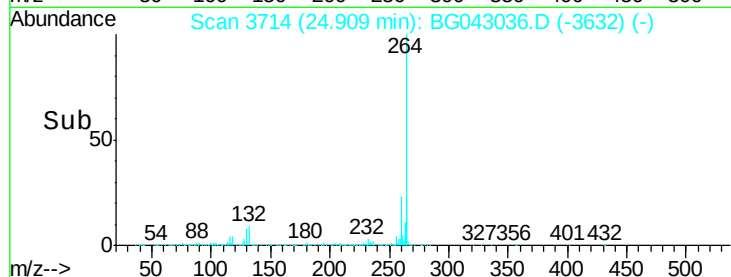
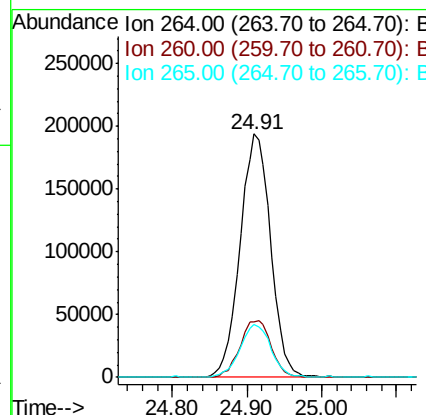
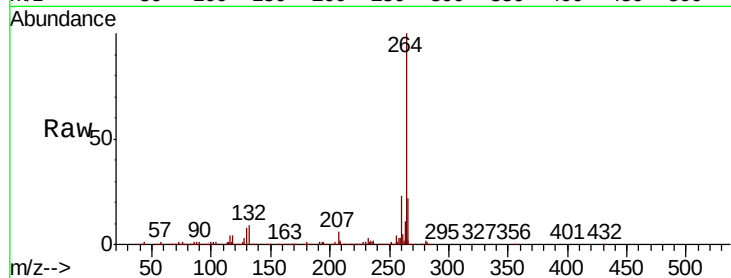
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3714
Delta R.T. -0.05 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	21.8	17.7	26.5

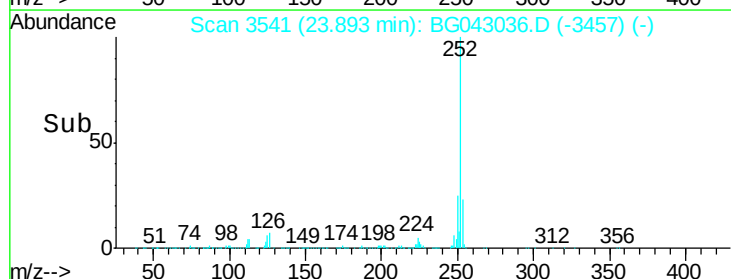
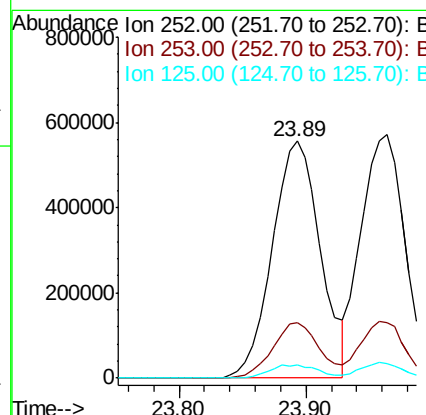
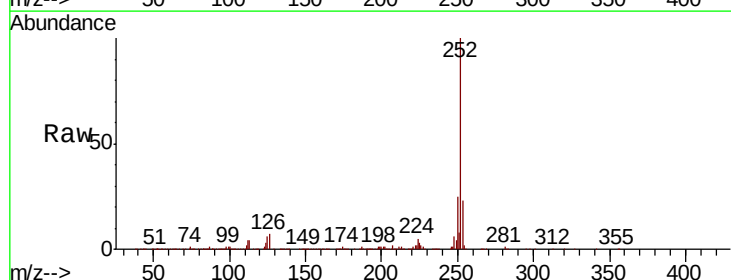
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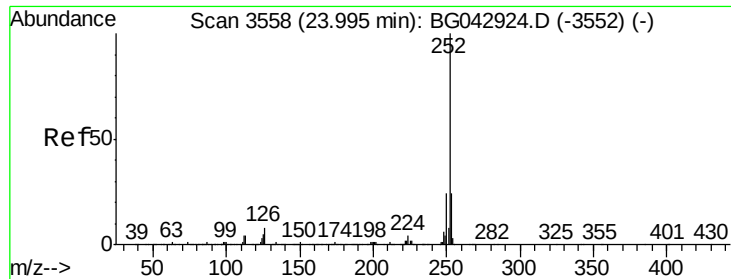
mohammad
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#88
Benzo(b)fluoranthene
Concen: 47.071 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.04 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	5.7	4.6	7.0





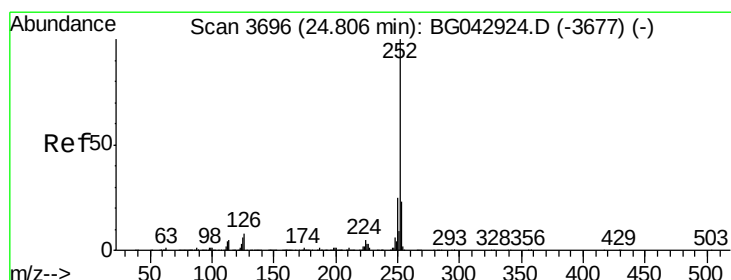
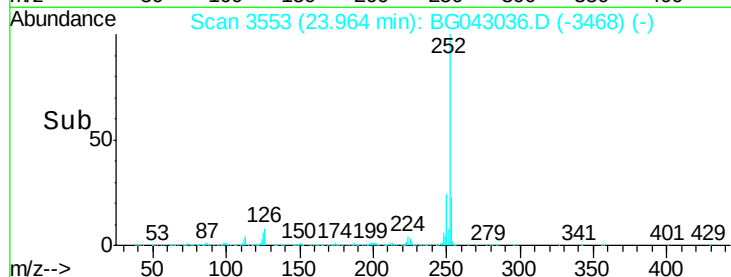
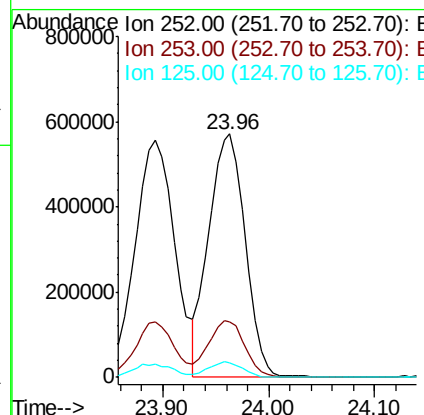
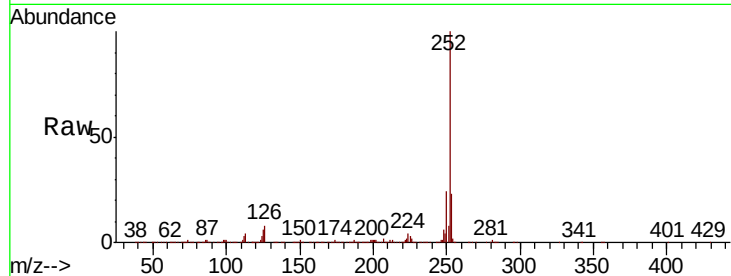
#89
Benzo(k)fluoranthene
Concen: 44.434 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.03 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.9	28.3
125	5.9	4.5	6.7

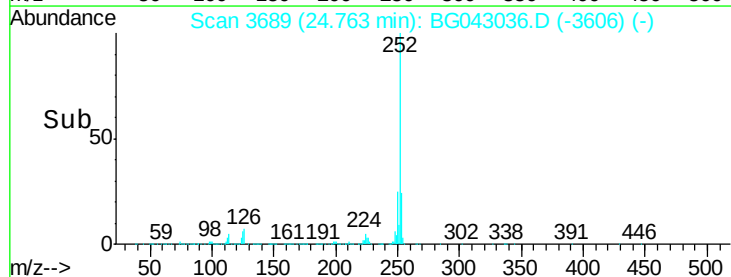
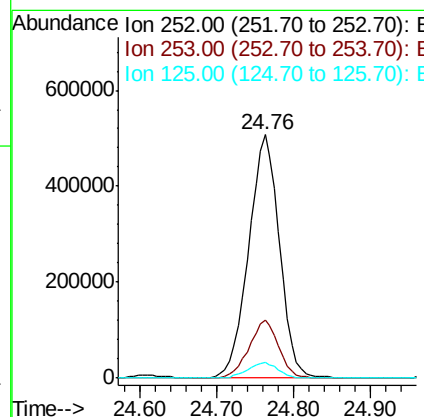
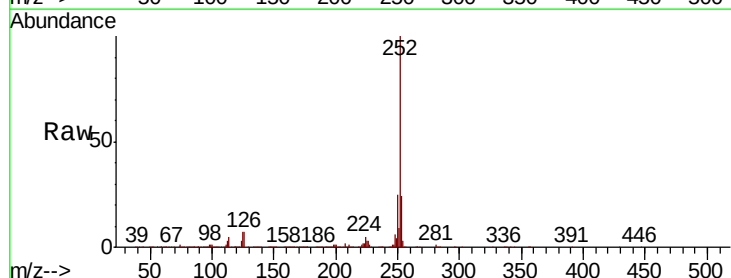
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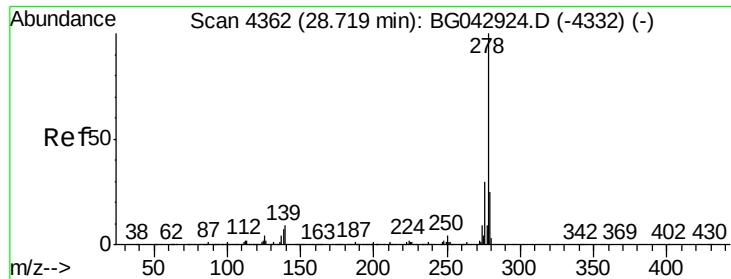
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#90
Benzo(a)pyrene
Concen: 48.103 ng
RT: 24.76 min Scan# 3689
Delta R.T. -0.04 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	6.5	5.0	7.6





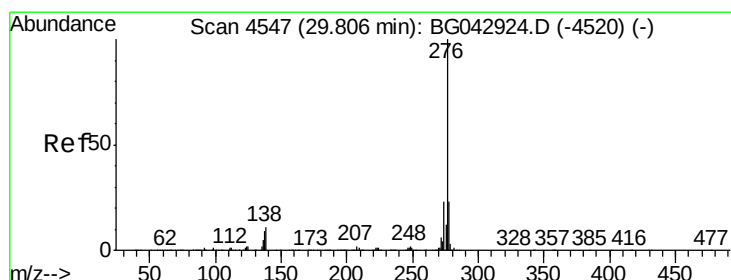
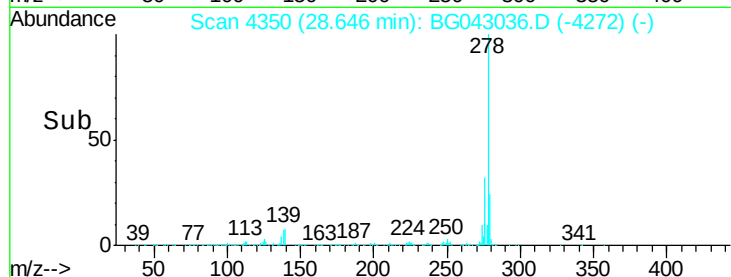
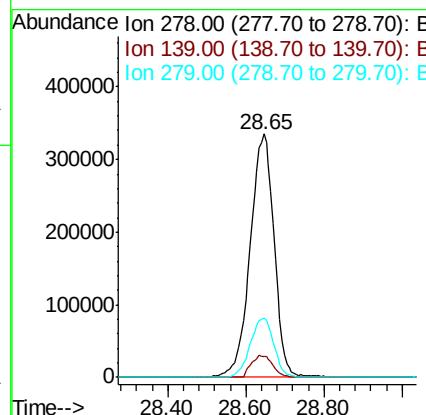
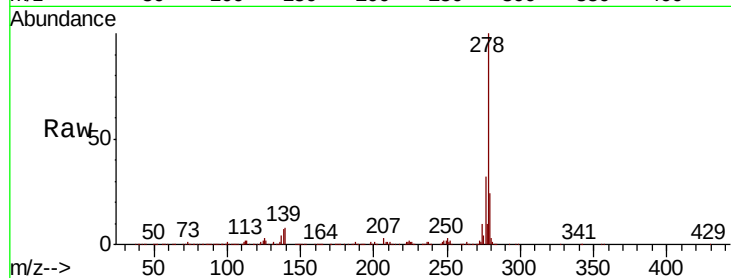
#91
Dibenzo(a,h)anthracene
Concen: 47.539 ng
RT: 28.65 min Scan# 4350
Delta R.T. -0.07 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.4	6.8	10.2
279	24.4	20.1	30.1

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 48.247 ng
RT: 29.73 min Scan# 4535
Delta R.T. -0.07 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.4	27.6
138	12.1	8.6	12.8

