

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
 Data File : BG041106.D
 Acq On : 7 Jun 2019 17:57
 Operator : HP/JU
 Sample : K3189-07MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-8CMSD

Manual Integrations
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mohammad
 6/11/2019 8:54:25 AM

Quant Time: Jun 08 17:58:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 08 17:33:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	49628	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	209823	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	149913	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	350830	20.00	ng	0.00
76) Chrysene-d12	21.76	240	340070	20.00	ng	0.00
87) Perylene-d12	25.09	264	362658	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	365310	132.73	ng	0.00
7) Phenol-d6	7.26	99	556349	130.89	ng	0.00
23) Nitrobenzene-d5	9.29	82	374327	79.20	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	259056	116.40	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	776386	74.58	ng	0.00
79) Terphenyl-d14	20.08	244	1171172	73.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	34875	27.925	ng	96
3) Pyridine	3.91	79	99669	26.971	ng	97
4) n-Nitrosodimethylamine	3.83	42	63640	37.106	ng	94
6) Aniline	7.43	93	108240	19.078	ng	99
8) 2-Chlorophenol	7.67	128	138691	42.269	ng	98
9) Benzaldehyde	7.24	77	49873	19.670	ng	96
10) Phenol	7.28	94	192195	42.172	ng	96
11) bis(2-Chloroethyl)ether	7.53	93	126641	38.305	ng	97
12) 1,3-Dichlorobenzene	7.99	146	140087	35.747	ng	97
13) 1,4-Dichlorobenzene	8.14	146	142017	35.802	ng	96
14) 1,2-Dichlorobenzene	8.46	146	140445	36.465	ng	97
15) Benzyl Alcohol	8.35	79	163044	41.467	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	198289	36.704	ng	97
17) 2-Methylphenol	8.54	107	134380	40.724	ng	96
18) Hexachloroethane	9.19	117	56192	36.754	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	126908	38.798	ng	95
20) 3+4-Methylphenols	8.87	107	187153	40.945	ng	95
22) Acetophenone	8.94	105	234918	39.912	ng	# 98
24) Nitrobenzene	9.33	77	191509	39.760	ng	96
25) Isophorone	9.85	82	360062	40.030	ng	99
26) 2-Nitrophenol	10.04	139	85058	42.836	ng	99
27) 2,4-Dimethylphenol	10.08	122	148294	45.219	ng	95
28) bis(2-Chloroethoxy)methane	10.32	93	189040	38.940	ng	98
29) 2,4-Dichlorophenol	10.57	162	169975	40.815	ng	96
30) 1,2,4-Trichlorobenzene	10.79	180	180373	38.074	ng	97
31) Naphthalene	10.98	128	445725	39.565	ng	98
32) Benzoic acid	10.22	122	79249	33.944	ng	# 87
33) 4-Chloroaniline	11.09	127	57865	11.070	ng	97
34) Hexachlorobutadiene	11.24	225	132607	36.582	ng	98
35) Caprolactam	11.88	113	50540m	36.751	ng	
36) 4-Chloro-3-methylphenol	12.20	107	188909	39.719	ng	98
37) 2-Methylnaphthalene	12.58	142	330221	38.059	ng	96
38) 1-Methylnaphthalene	12.80	142	319737	39.106	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	245409	40.615	ng	99

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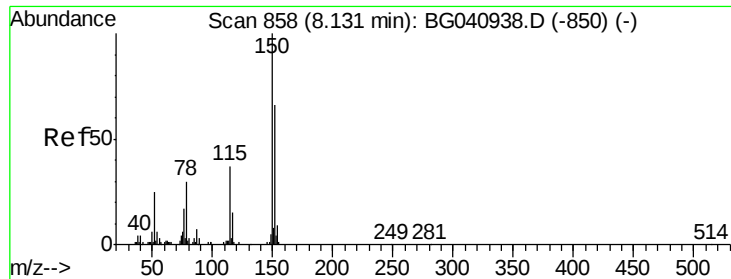
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	303898	92.168	nq	95
43) 2,4,6-Trichlorophenol	13.17	196	159666	40.847	nq	97
44) 2,4,5-Trichlorophenol	13.25	196	167255	40.572	nq	98
46) 1,1'-Biphenyl	13.57	154	448339	40.402	nq	99
47) 2-Chloronaphthalene	13.62	162	372311	39.082	nq	97
48) 2-Nitroaniline	13.83	65	129356	37.850	nq	98
49) Acenaphthylene	14.46	152	563637	39.311	nq	99
50) Dimethylphthalate	14.19	163	622420	49.047	nq	98
51) 2,6-Dinitrotoluene	14.32	165	105479	38.551	nq	97
52) Acenaphthene	14.81	154	327952	37.757	nq	97
53) 3-Nitroaniline	14.65	138	63095	23.061	nq	98
54) 2,4-Dinitrophenol	14.86	184	140957	92.577	nq	95
55) Dibenzofuran	15.13	168	566046	38.730	nq	100
56) 4-Nitrophenol	14.95	139	163225	86.976	nq	99
57) 2,4-Dinitrotoluene	15.10	165	149081	38.572	nq	99
58) Fluorene	15.79	166	439684	37.776	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.36	232	166437	41.083	nq	99
60) Diethylphthalate	15.54	149	473076	36.529	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	277362	36.662	nq	96
62) 4-Nitroaniline	15.82	138	103609	35.770	nq	97
63) Azobenzene	16.06	77	432747	36.765	nq	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	93570	49.455	nq	95
66) n-Nitrosodiphenylamine	15.99	169	397567	40.312	nq	99
67) 4-Bromophenyl-phenylether	16.66	248	176040	37.182	nq	99
68) Hexachlorobenzene	16.78	284	180918	35.885	nq	99
69) Atrazine	16.93	200	166157	43.663	nq	98
70) Pentachlorophenol	17.13	266	227982	84.179	nq	99
71) Phenanthrene	17.53	178	729453	39.917	nq	100
72) Anthracene	17.62	178	732909	40.665	nq	100
73) Carbazole	17.89	167	638172	41.266	nq	98
74) Di-n-butylphthalate	18.42	149	717659	37.338	nq	99
75) Fluoranthene	19.53	202	906006	40.139	nq	99
77) Benzidine	19.71	184	193056	23.797	nq	98
78) Pyrene	19.89	202	897344	40.591	nq	98
80) Butylbenzylphthalate	20.76	149	355382	41.309	nq	99
81) Benzo(a)anthracene	21.74	228	873711	38.596	nq	98
82) 3,3'-Dichlorobenzidine	21.66	252	179167	22.503	nq	96
83) Chrysene	21.81	228	856176	39.523	nq	98
84) Bis(2-ethylhexyl)phthalate	21.61	149	596863	49.284	nq	100
85) Di-n-octyl phthalate	22.85	149	797337	39.532	nq	100
86) Indeno(1,2,3-cd)pyrene	28.91	276	1028628	38.763	nq	# 98
88) Benzo(b)fluoranthene	24.02	252	862310	39.202	nq	99
89) Benzo(k)fluoranthene	24.09	252	856445	39.346	nq	99
90) Benzo(a)pyrene	24.93	252	854758	40.730	nq	100
91) Dibenzo(a,h)anthracene	28.97	278	833943	39.769	nq	98
92) Benzo(g,h,i)perylene	30.12	276	852214	41.831	nq	99

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



#1

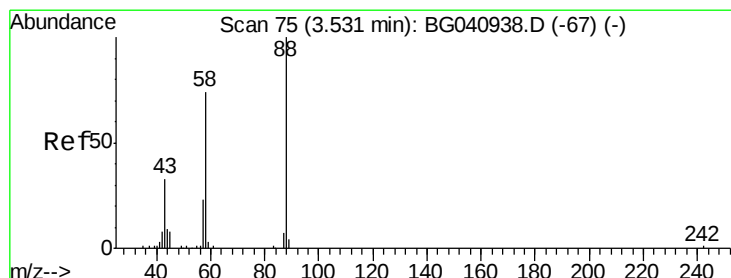
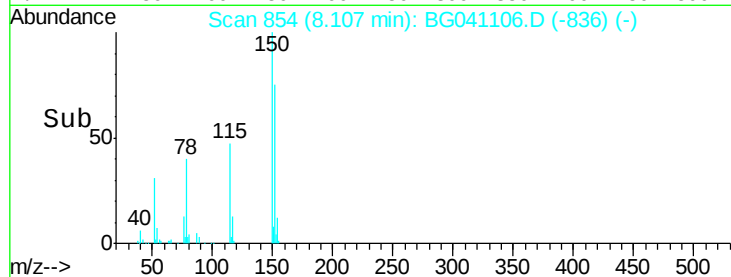
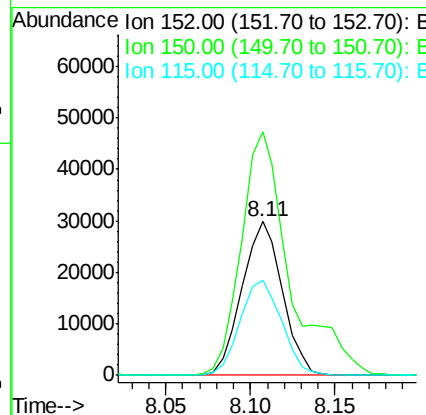
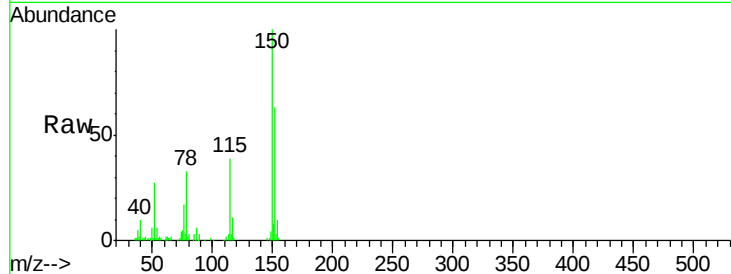
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Instrument :
BNA_G
ClientSampleId :
S-8CMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	111.7	167.5
115	62.2	48.6	73.0

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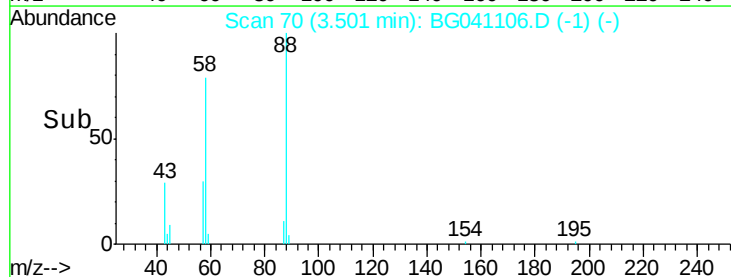
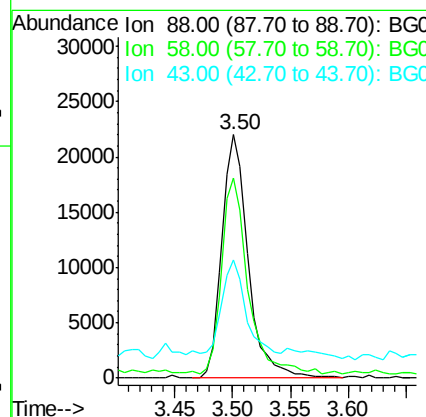
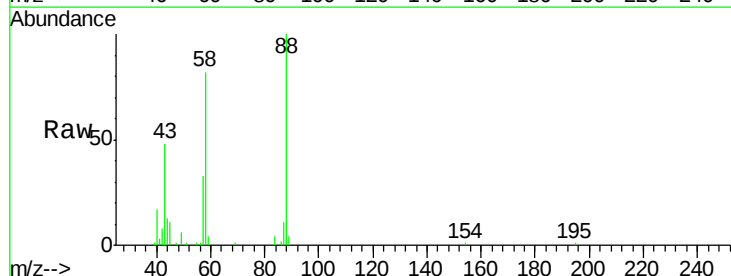
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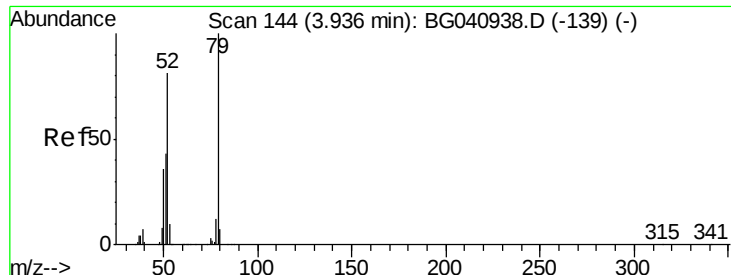


#2

1,4-Dioxane
Concen: 27.925 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.6	61.2	91.8
43	33.2	29.4	44.2





#3

Pvridine

Concen: 26.971 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

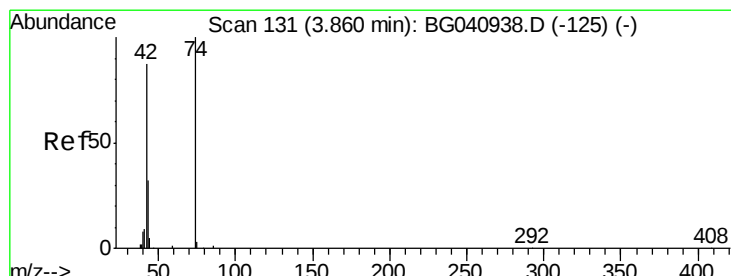
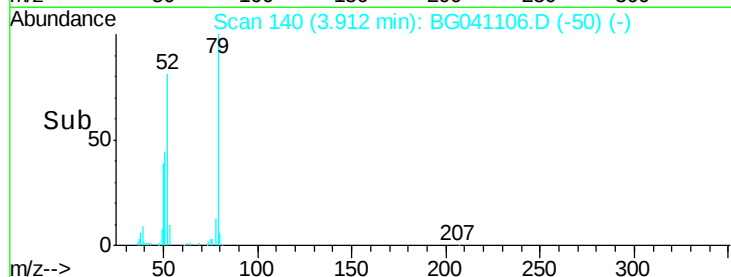
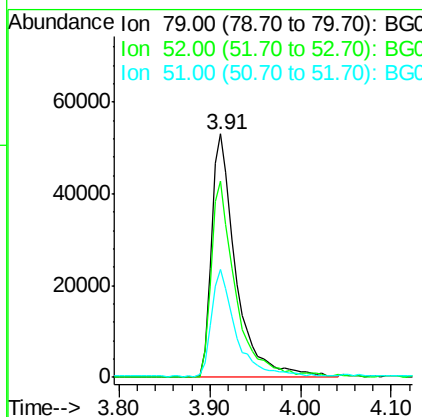
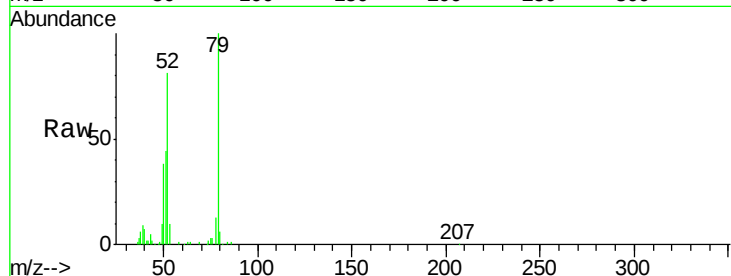
ClientSampleId :

S-8CMSD

Tot Ion:	79	Resp:	99669
Ion	Ratio	Lower	Upper
79	100		
52	80.7	61.8	92.6
51	44.3	36.0	54.0

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#4

n-Nitrosodimethylamine

Concen: 37.106 ng

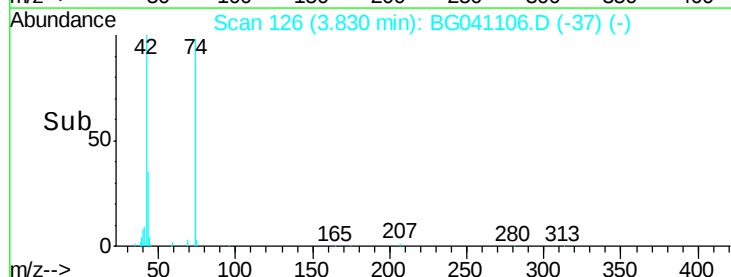
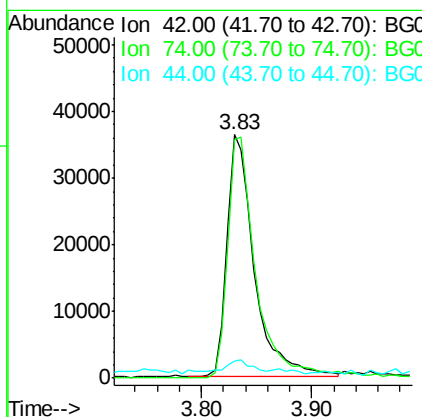
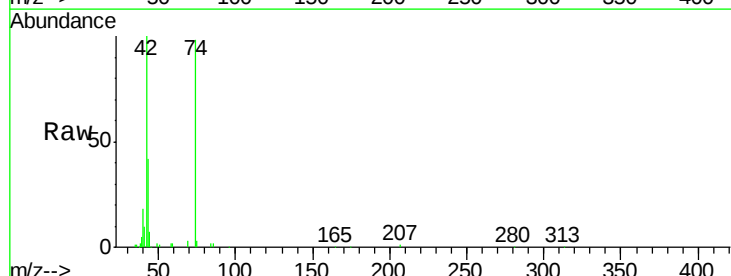
RT: 3.83 min Scan# 126

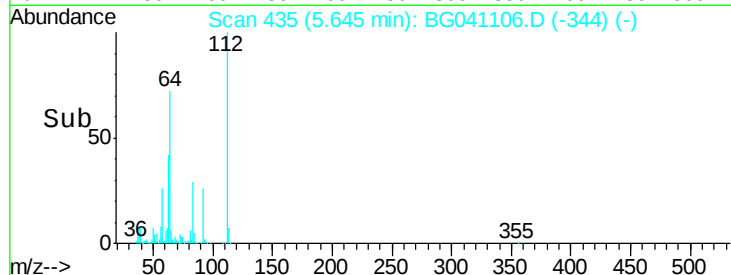
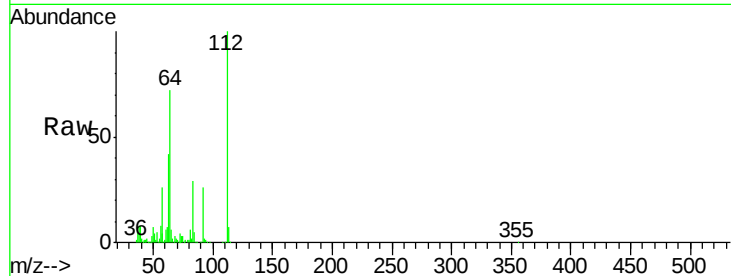
Delta R.T. -0.01 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Tgt Ion:	42	Resp:	63640
Ion	Ratio	Lower	Upper
42	100		
74	97.8	83.0	124.6
44	7.0	6.0	9.0





#5

2-Fluorophenol

Concen: 132.734 ng

RT: 5.65 min Scan# 435

Delta R.T. 0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Tot Ion:	112	Resp:	365310
Ion Ratio	Lower	Upper	
112	100		
64	72.0	54.5	81.7
63	41.9	32.2	48.2

Instrument :

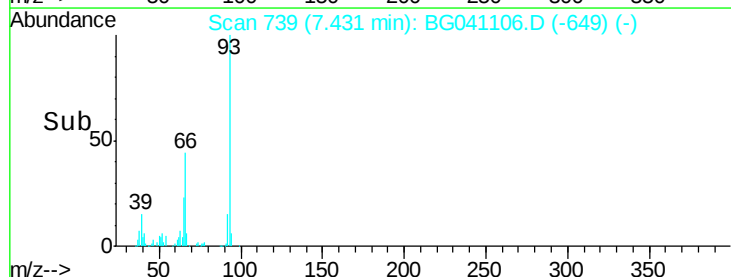
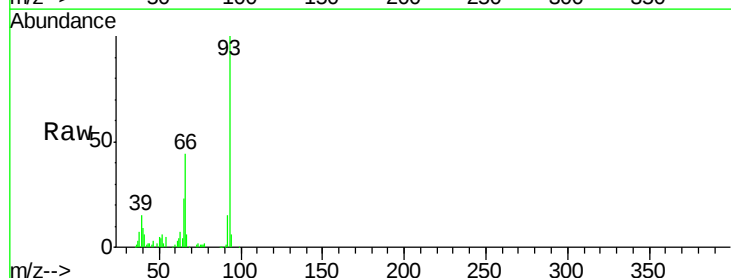
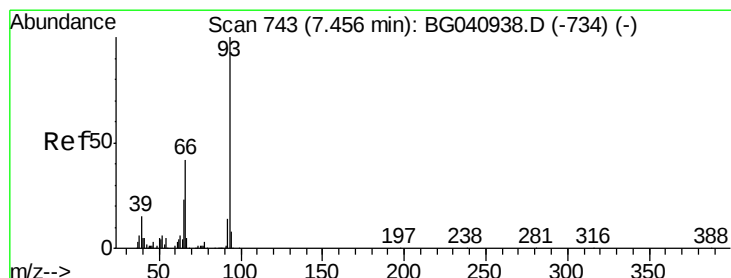
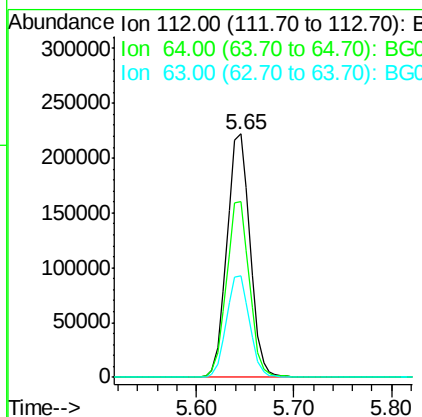
BNA_G

ClientSampleId :

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#6

Aniline

Concen: 19.078 ng

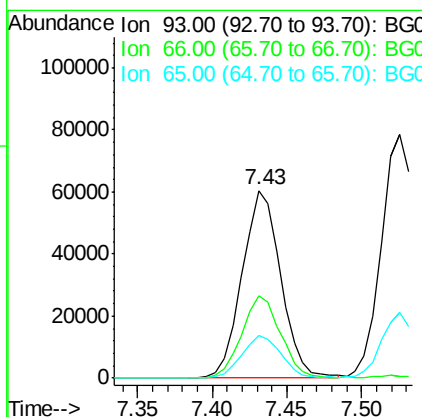
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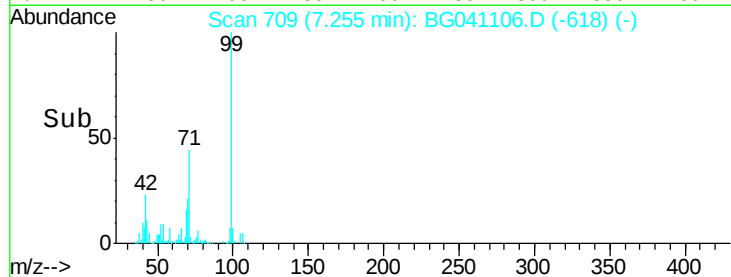
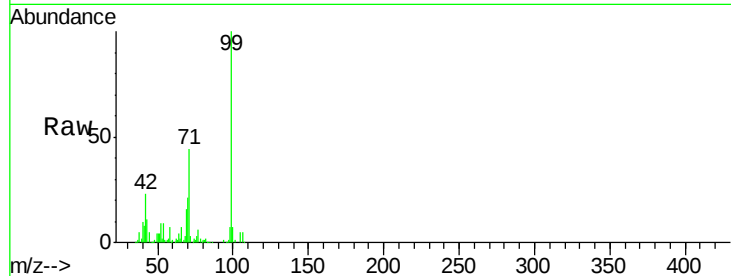
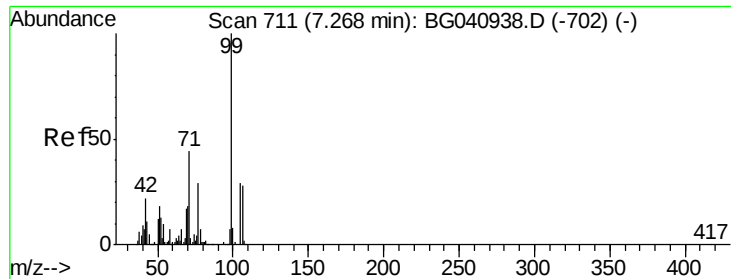
Delta R.T. -0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Tgt Ion:	93	Resp:	108240
Ion Ratio	Lower	Upper	
93	100		
66	44.0	35.8	53.8
65	23.0	19.0	28.4





#7

Phenol-d6

Concen: 130.891 ng

RT: 7.26 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		556349		
42	23.2	18.8	28.2		
71	44.5	35.6	53.4		

Instrument :

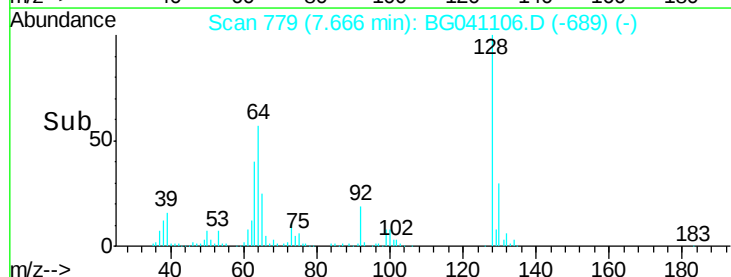
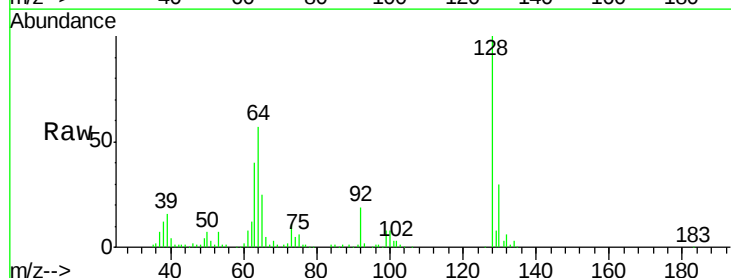
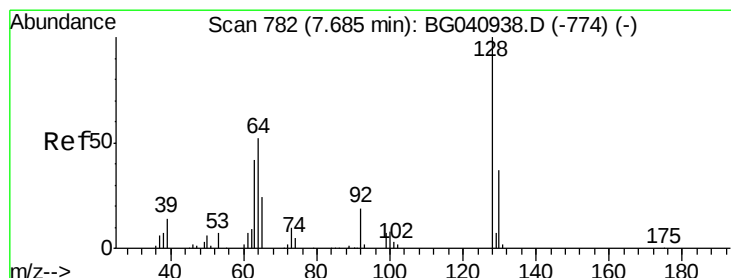
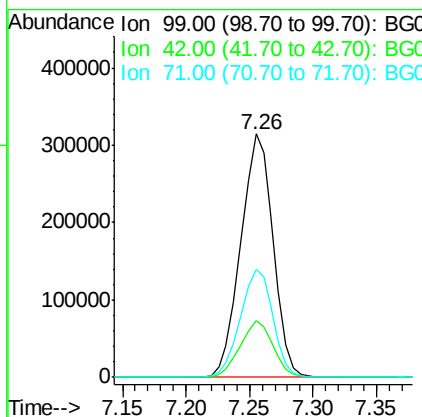
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#8

2-Chlorophenol

Concen: 42.269 ng

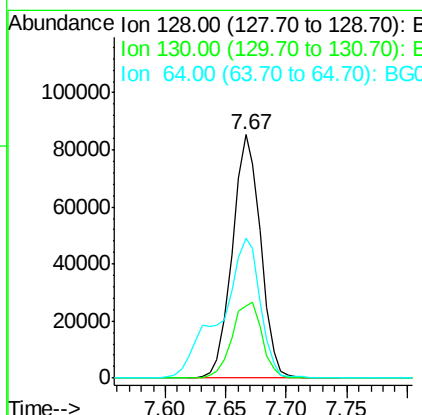
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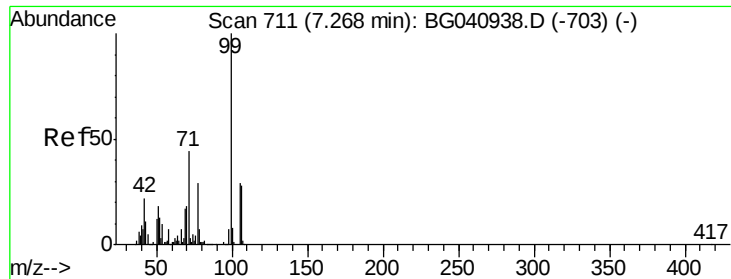
Delta R.T. -0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		138691		
130	29.8	10.8	50.8		
64	57.5	36.1	76.1		





#9

Benzaldehyde

Concen: 19.670 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

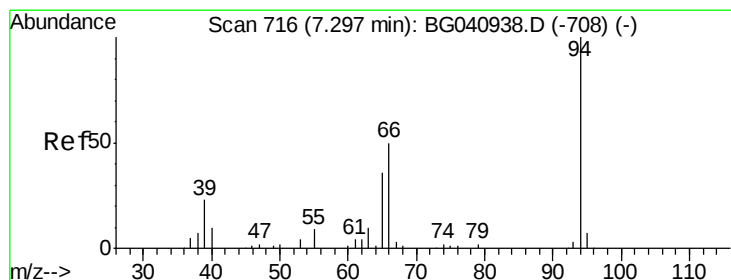
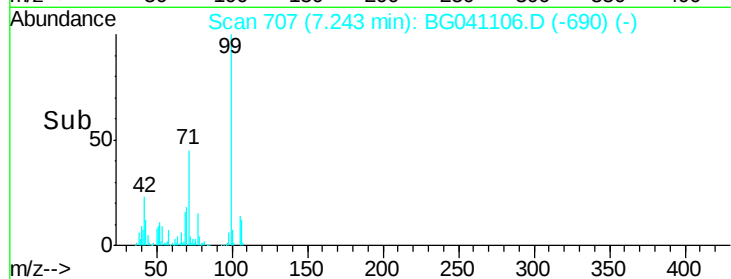
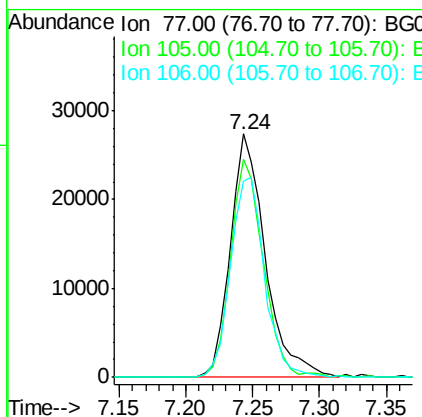
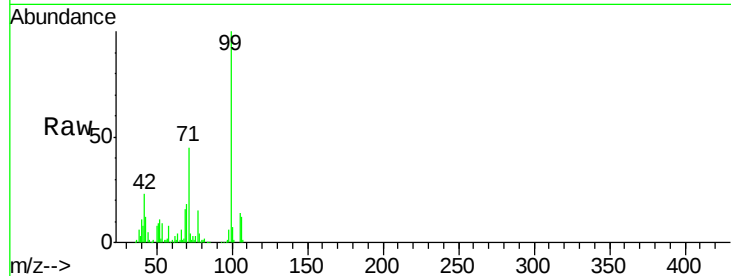
ClientSampled :

S-8CMSD

Tot Ion:	77	Resp:	49873
Ion	Ratio	Lower	Upper
77	100		
105	89.3	66.5	106.5
106	80.5	65.1	105.1

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#10

Phenol

Concen: 42.172 ng

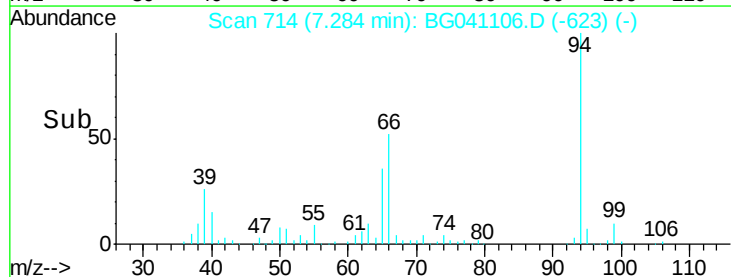
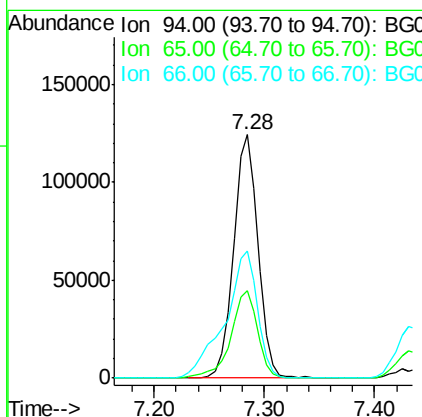
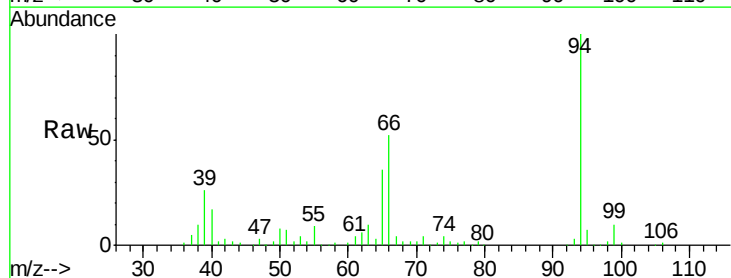
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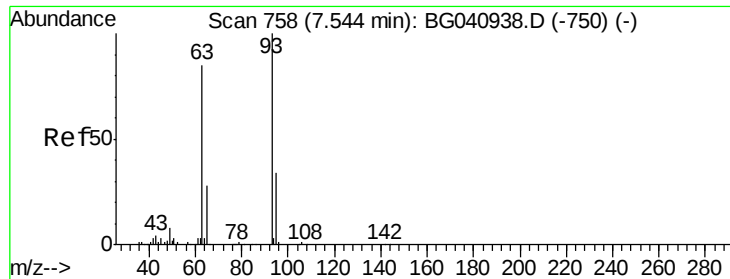
Delta R.T. 0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Tgt Ion:	94	Resp:	192195
Ion	Ratio	Lower	Upper
94	100		
65	35.9	14.7	54.7
66	52.1	28.7	68.7





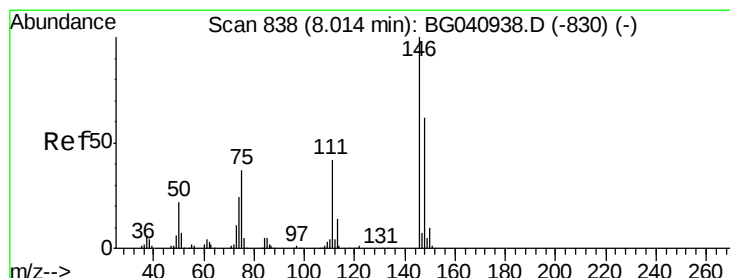
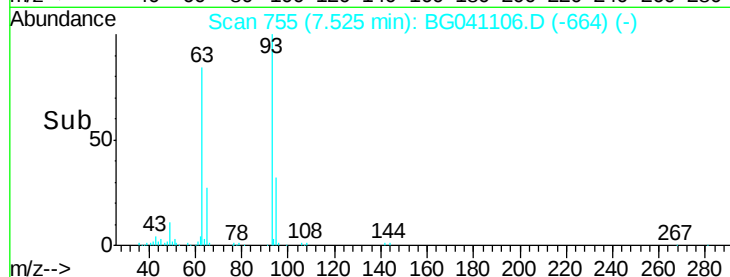
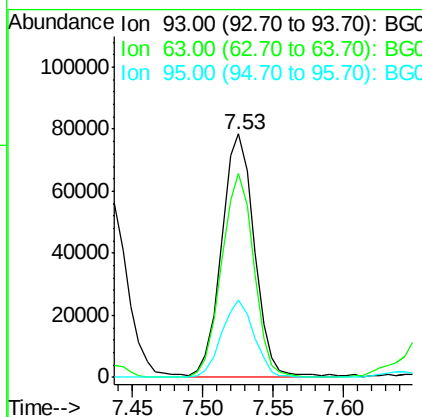
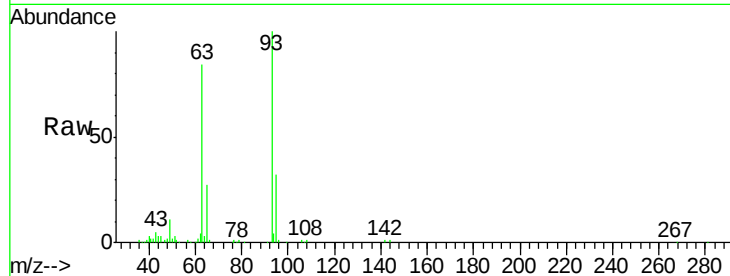
#11
bis(2-Chloroethyl)ether
Concen: 38.305 ng
RT: 7.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Instrument :
BNA_G
ClientSampleId :
S-8CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		126641		
63	83.7	65.0	105.0		
95	31.9	16.4	56.4		

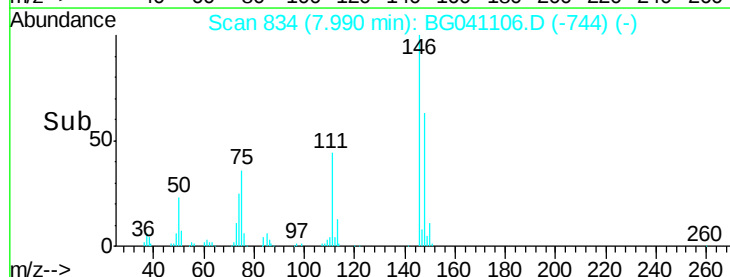
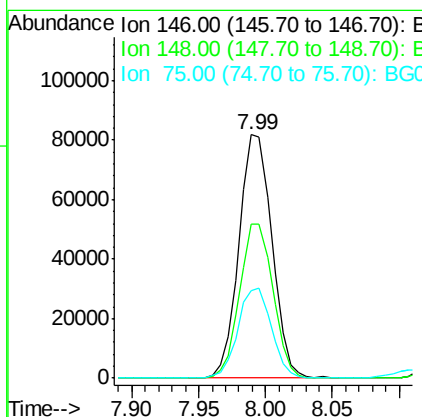
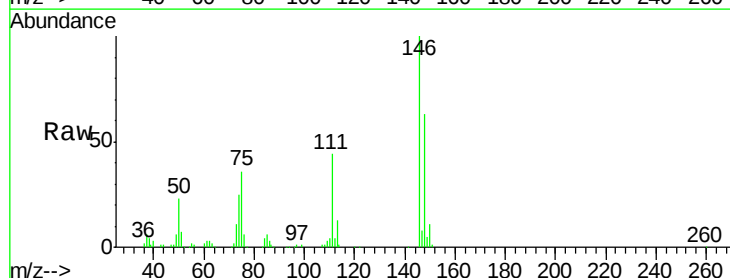
Manual Integrations
APPROVED

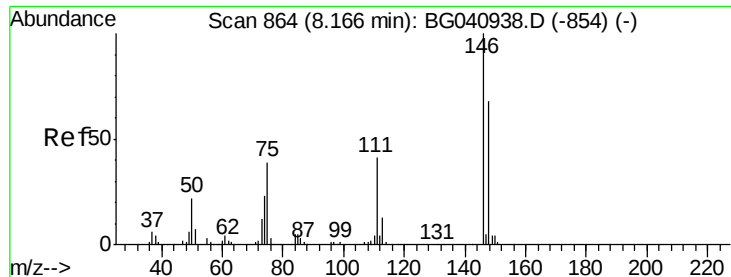
mohammad
6/11/2019 8:54:25 AM



#12
1,3-Dichlorobenzene
Concen: 35.747 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		140087		
148	63.3	47.7	71.5		
75	36.0	28.3	42.5		





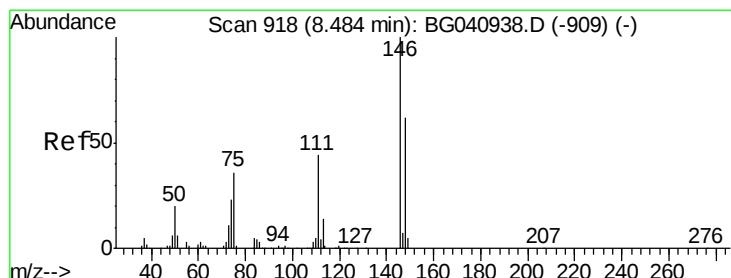
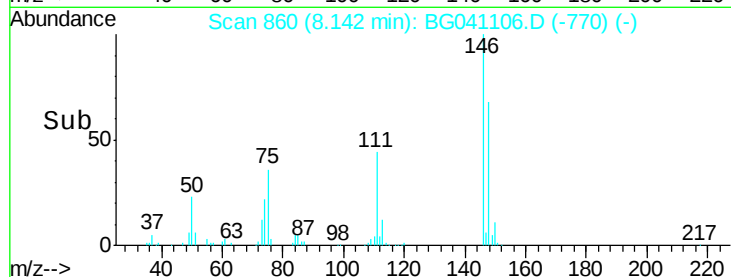
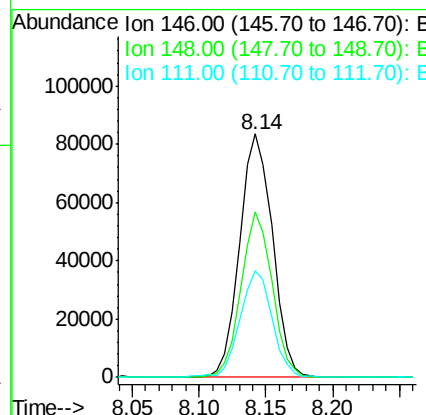
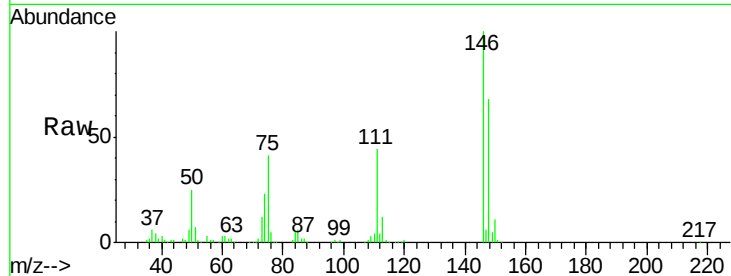
#13
 1,4-Dichlorobenzene
 Concen: 35.802 ng
 RT: 8.14 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 S-8CMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.9	51.4	77.2
111	43.7	33.9	50.9

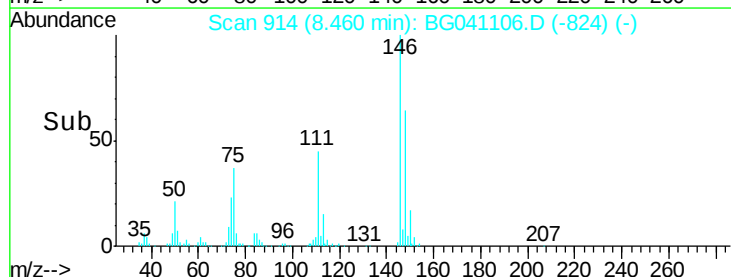
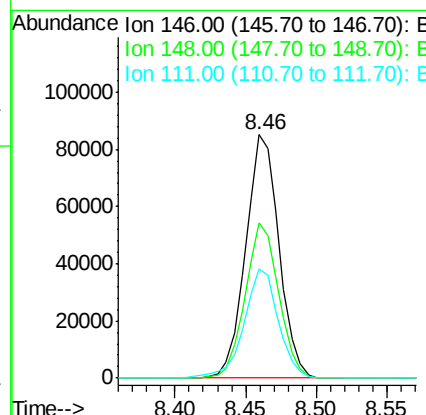
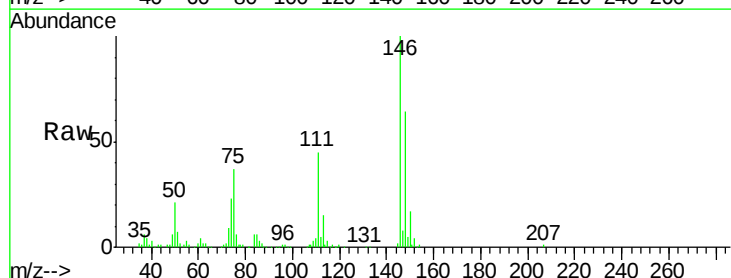
Manual Integrations
 APPROVED

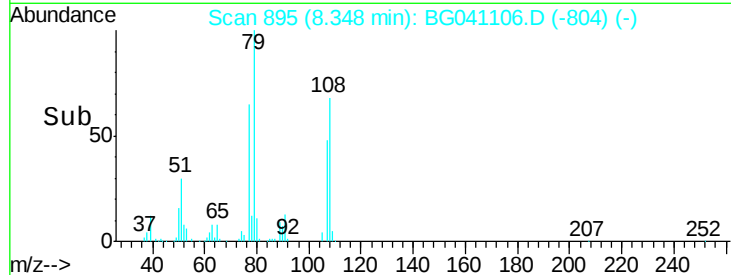
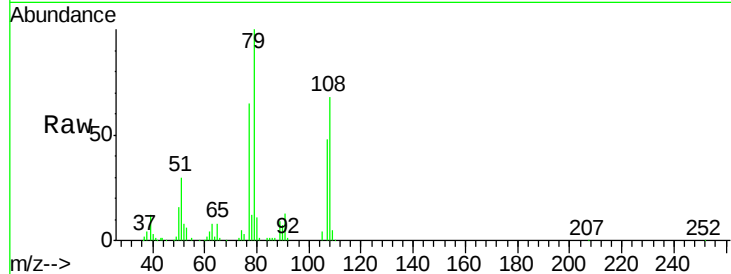
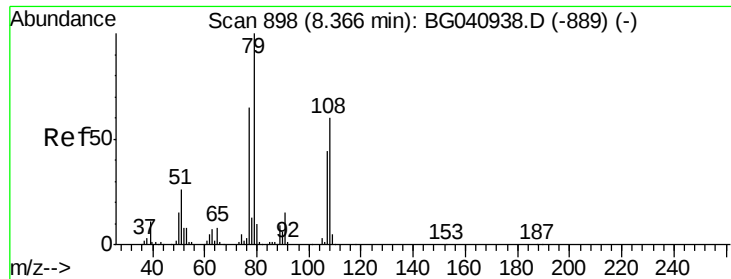
mohammad
 6/11/2019 8:54:25 AM



#14
 1,2-Dichlorobenzene
 Concen: 36.465 ng
 RT: 8.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	49.0	73.6
111	44.6	36.5	54.7





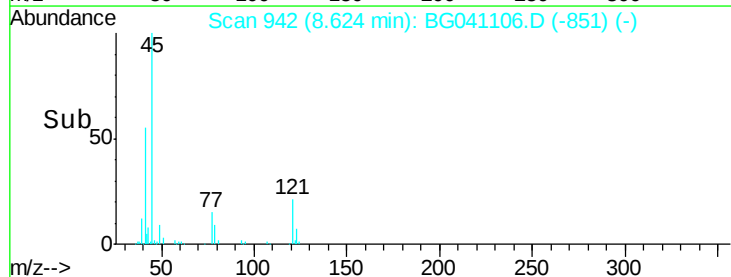
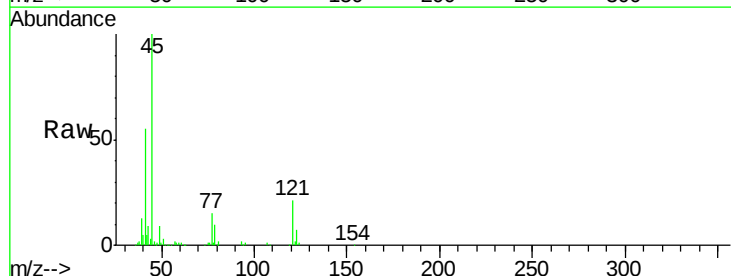
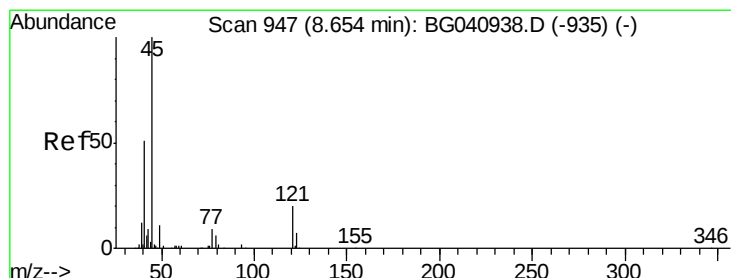
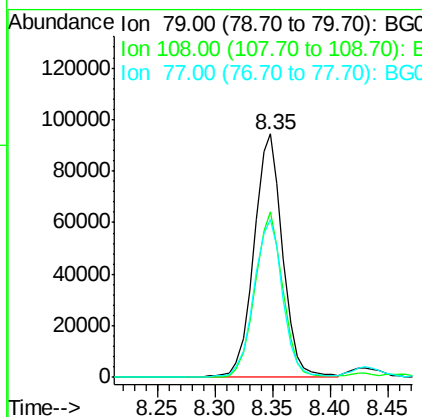
#15
Benzyl Alcohol
Concen: 41.467 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tot Ion	Ratio	Lower	Upper
79	100		
108	67.9	52.9	79.3
77	65.0	53.7	80.5

Instrument :
BNA_G
ClientSampleId :
S-8CMSD

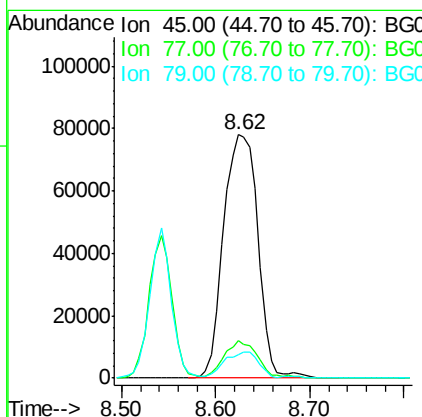
Manual Integrations
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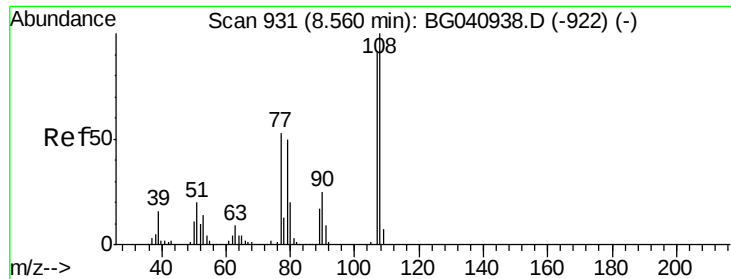
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.704 ng
RT: 8.62 min Scan# 942
Delta R.T. 0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	36.1
79	9.5	0.0	31.5





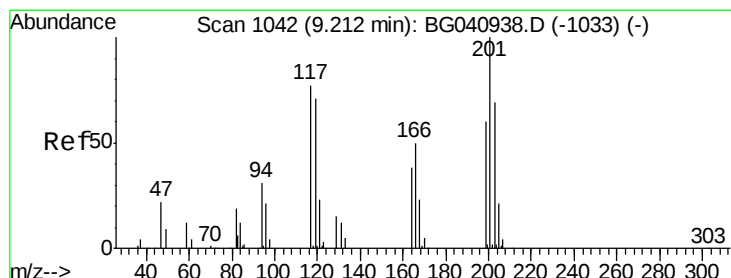
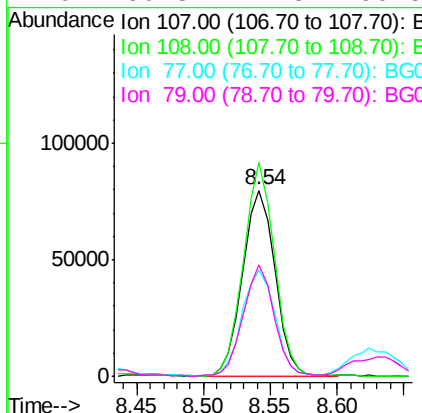
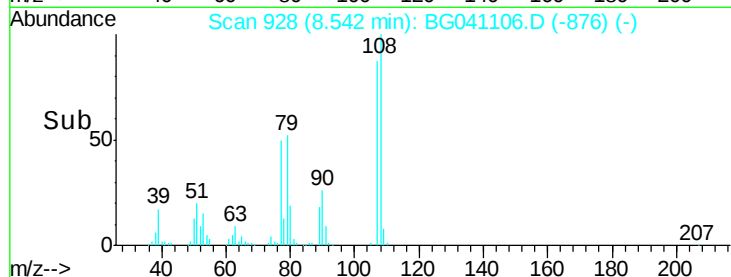
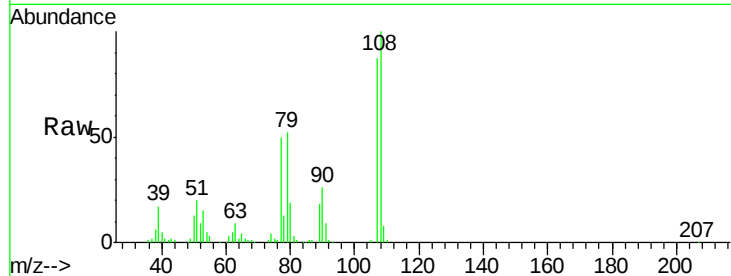
#17
2-Methylphenol
Concen: 40.724 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Instrument :
BNA_G
ClientSampleId :
S-8CMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.0	89.1	133.7	
77	57.5	48.6	72.8	
79	60.3	44.3	66.5	

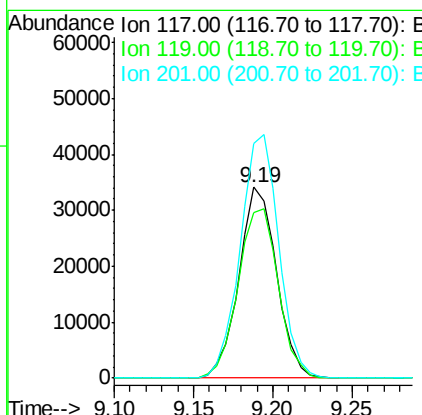
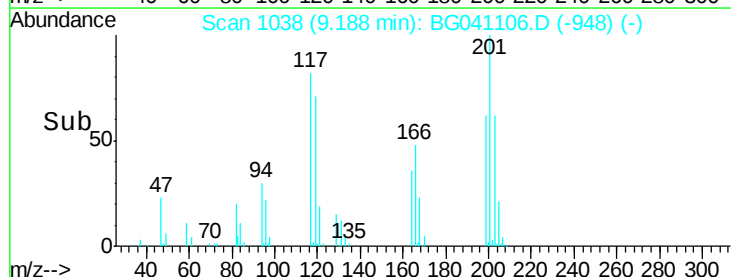
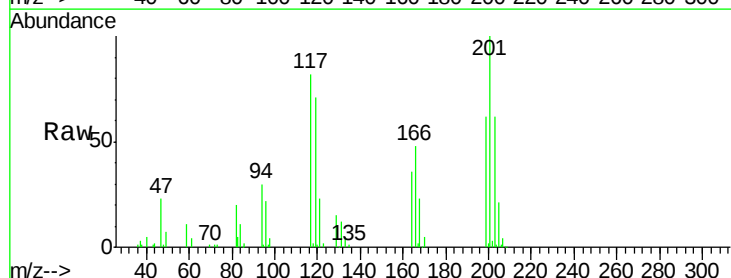
Manual Integrations
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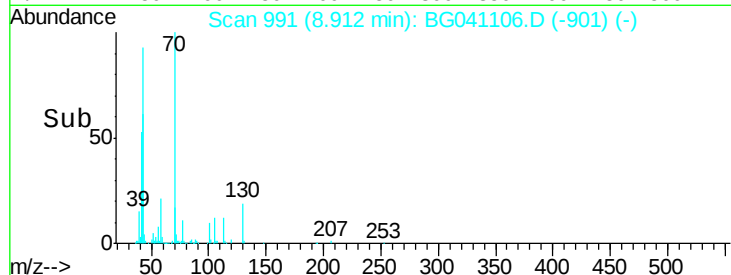
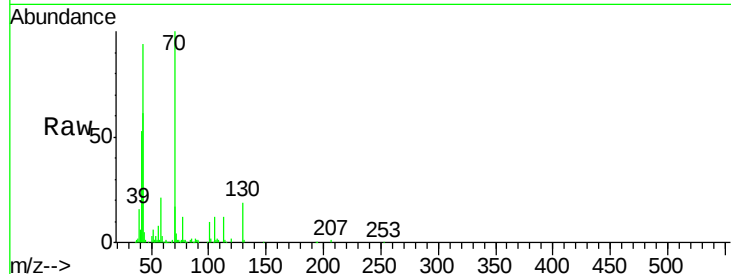
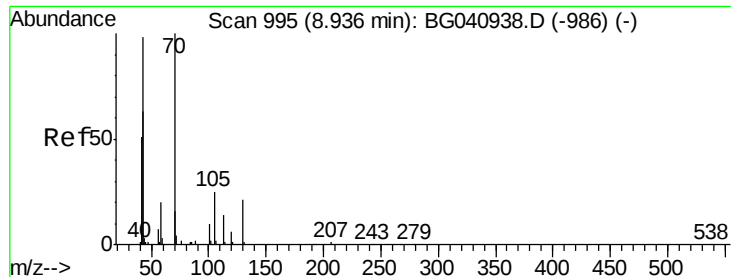
mohammad
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#18
Hexachloroethane
Concen: 36.754 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	86.8	74.8	112.2	
201	122.6	98.5	147.7	





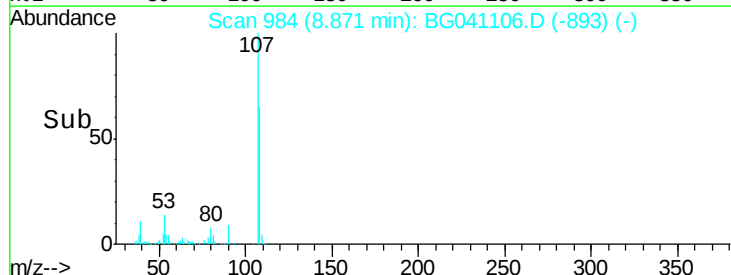
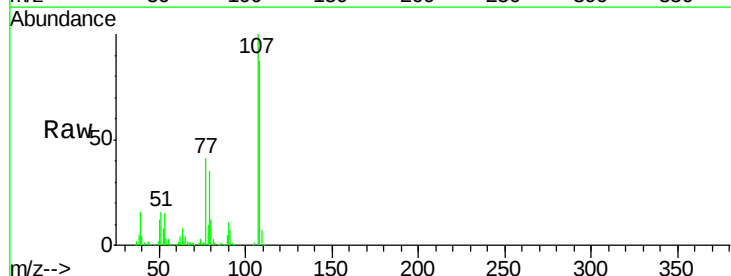
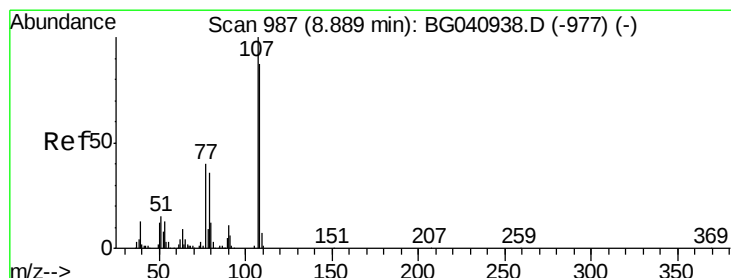
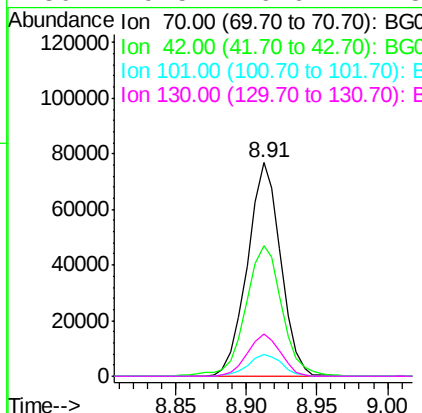
#19
n-Nitroso-di-n-propylamine
Concen: 38.798 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Instrument :
BNA_G
ClientSampleId :
S-8CMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.0	53.1	79.7	
101	10.1	8.0	12.0	
130	19.5	16.6	24.8	

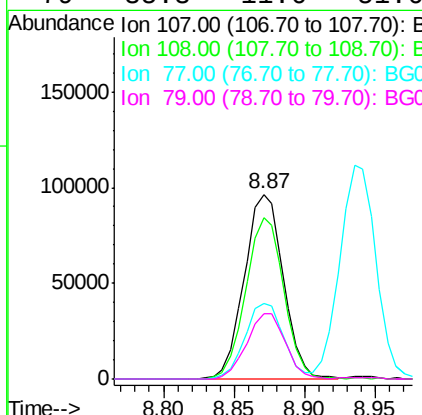
Manual Integrations
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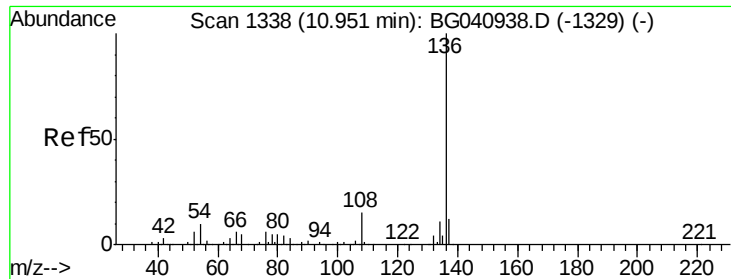
mohammad
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#20
3+4-Methylphenols
Concen: 40.945 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.5	63.2	103.2	
77	41.0	18.9	58.9	
79	35.3	11.6	51.6	





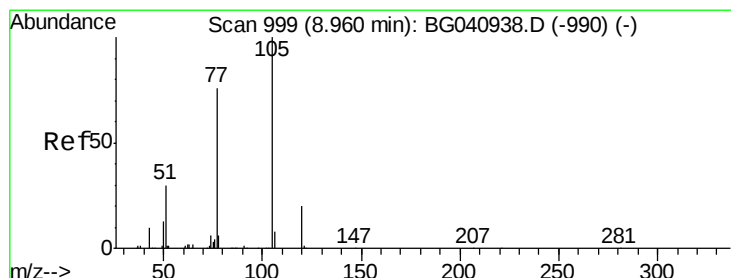
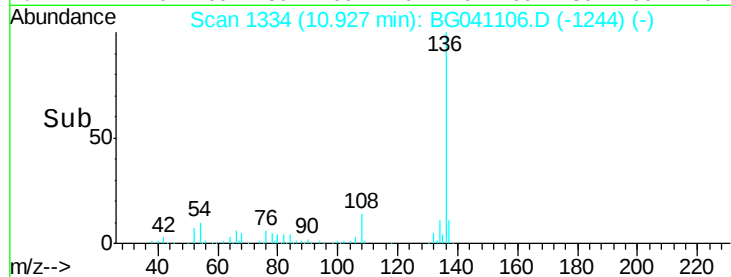
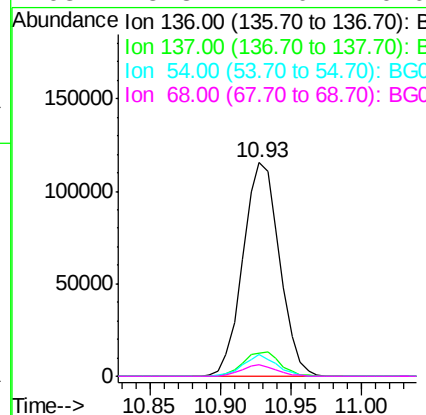
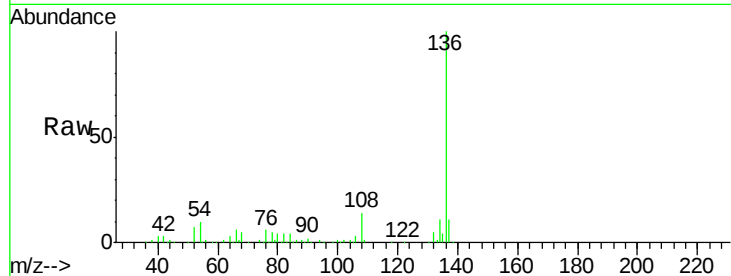
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Instrument :
BNA_G
ClientSampleId :
S-8CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		209823		
137	10.8	8.9	13.3		
54	10.8	7.4	11.2		
68	5.3	4.0	6.0		

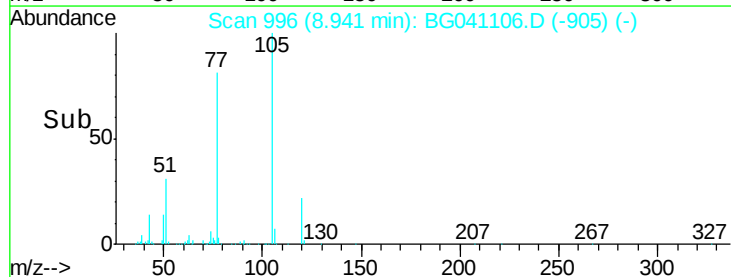
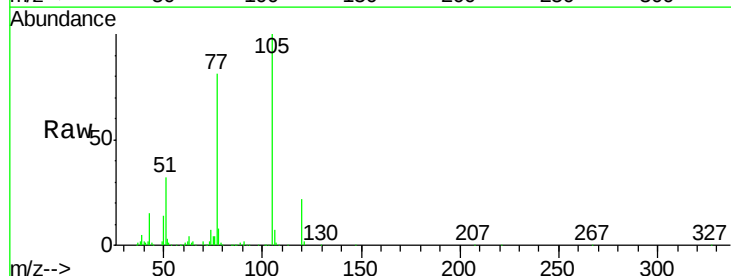
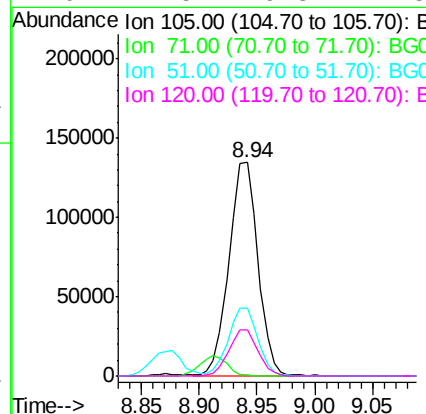
Manual Integrations
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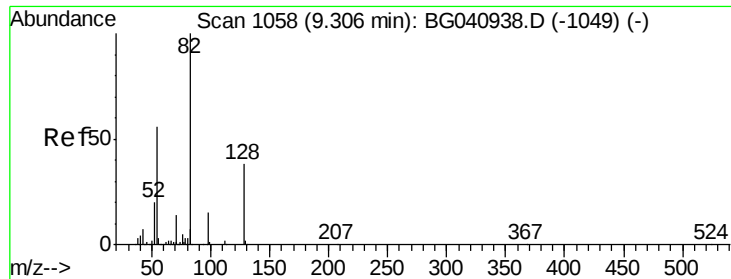
mohammad
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#22
Acetophenone
Concen: 39.912 ng
RT: 8.94 min Scan# 996
Delta R.T. 0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		234918		
71	0.3	0.6	0.8#		
51	31.6	24.2	36.2		
120	21.5	16.3	24.5		





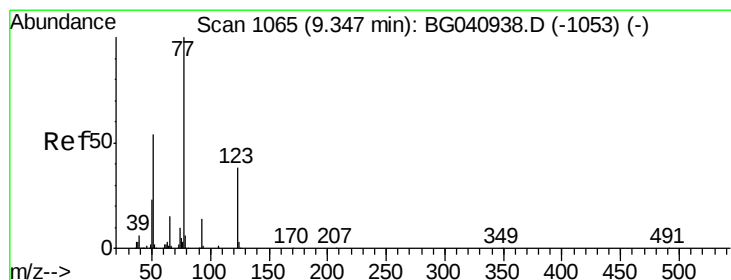
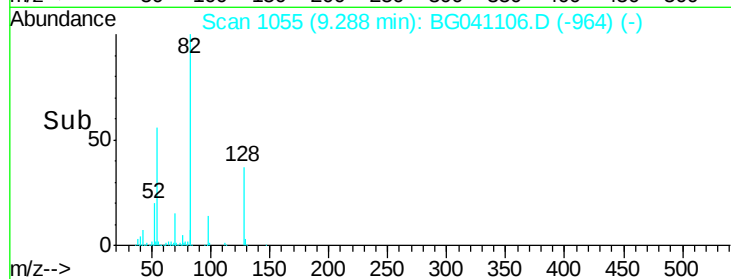
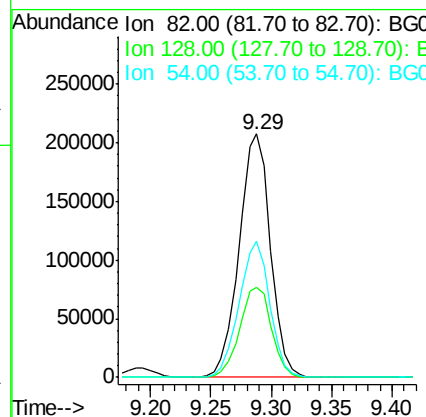
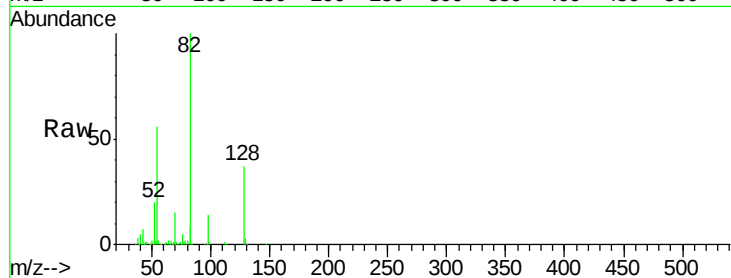
#23
 Nitrobenzene-d5
 Concen: 79.199 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 S-8CMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.8	44.6
54	56.1	43.6	65.4

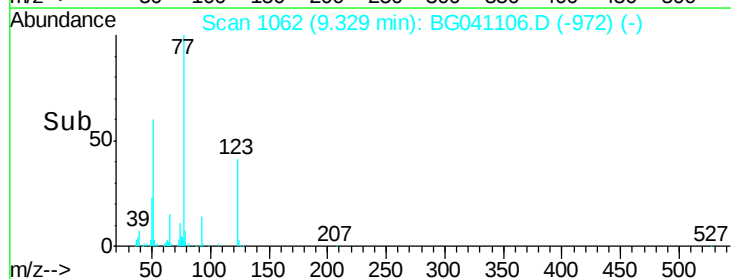
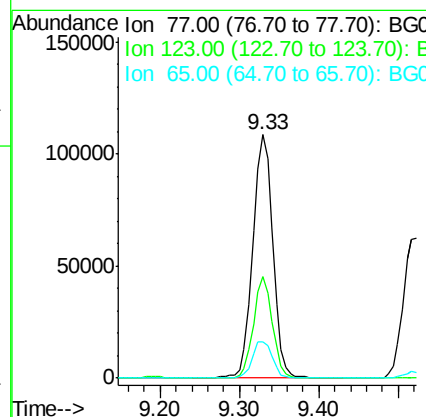
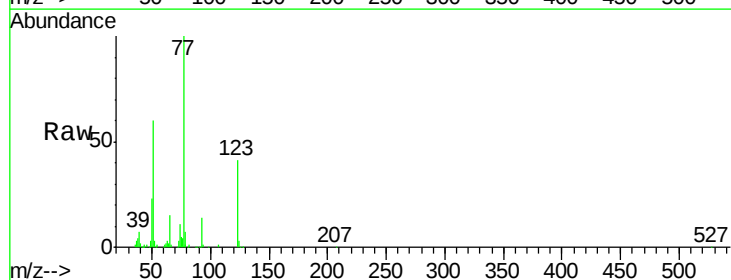
Manual Integrations
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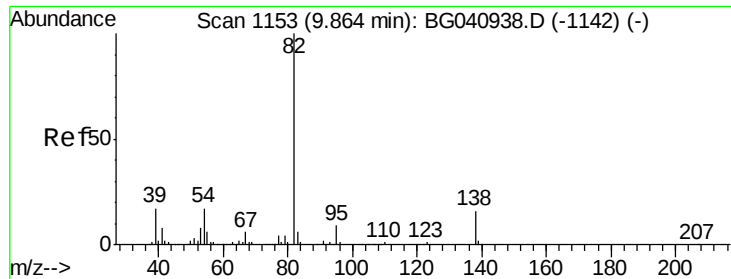
mohammad
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#24
 Nitrobenzene
 Concen: 39.760 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.5	30.9	46.3
65	15.0	13.3	19.9





#25

Isophorone

Concen: 40.030 ng

RT: 9.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

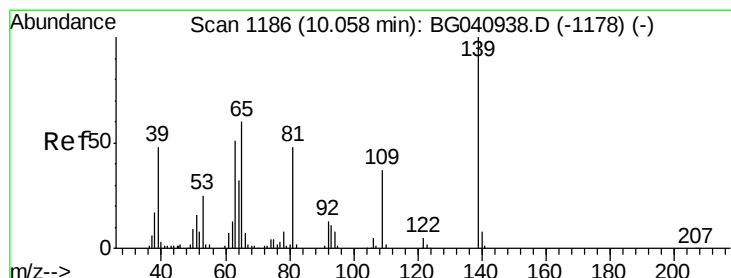
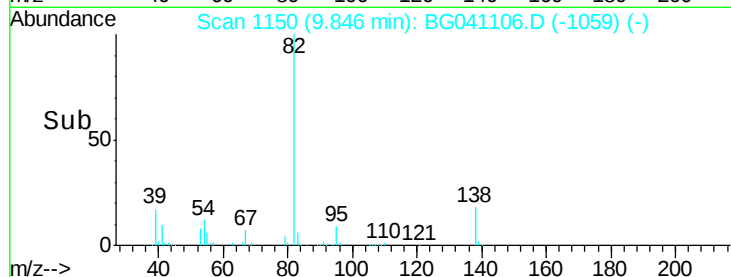
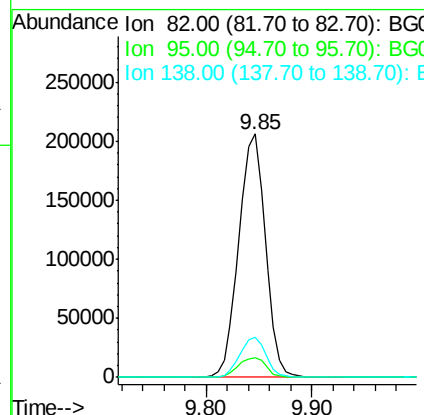
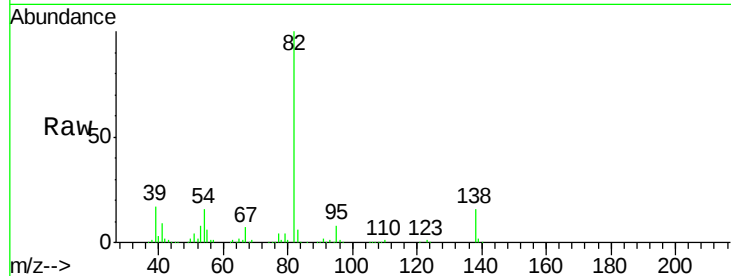
ClientSampled :

S-8CMSD

Tot Ion	82	Resp	360062
Ion	Ratio	Lower	Upper
82	100		
95	8.2	6.2	9.4
138	16.2	12.6	19.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.836 ng

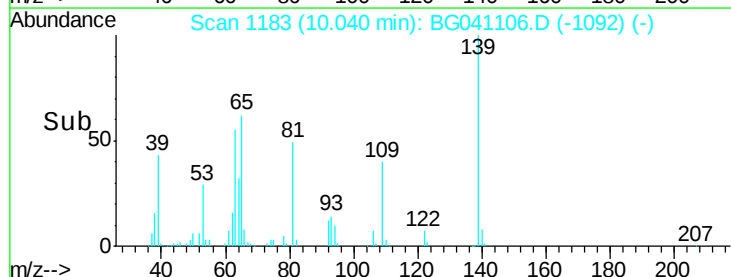
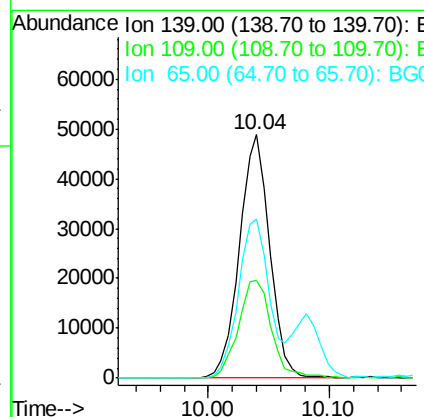
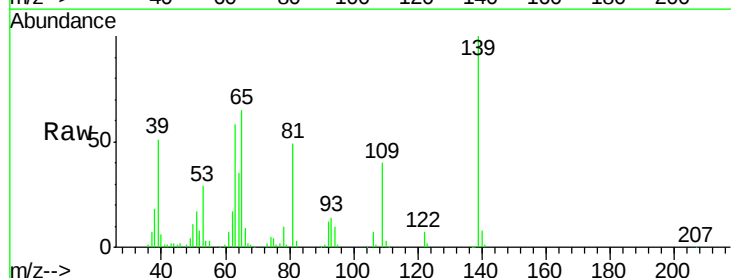
RT: 10.04 min Scan# 1183

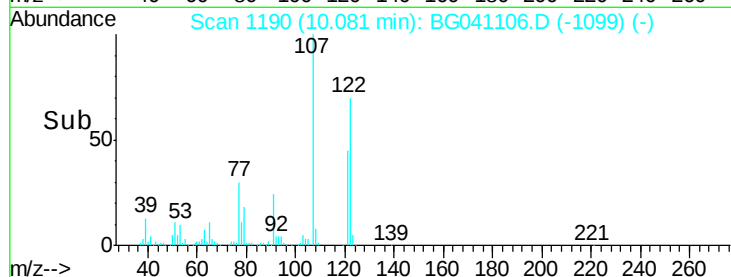
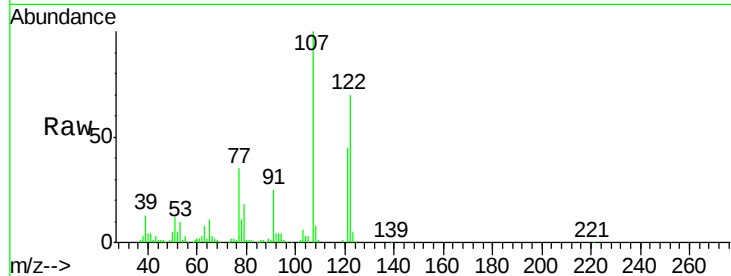
Delta R.T. 0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Tgt Ion	139	Resp	85058
Ion	Ratio	Lower	Upper
139	100		
109	40.3	30.8	46.2
65	65.4	52.5	78.7





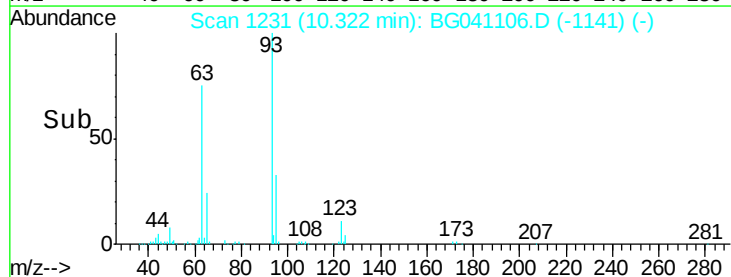
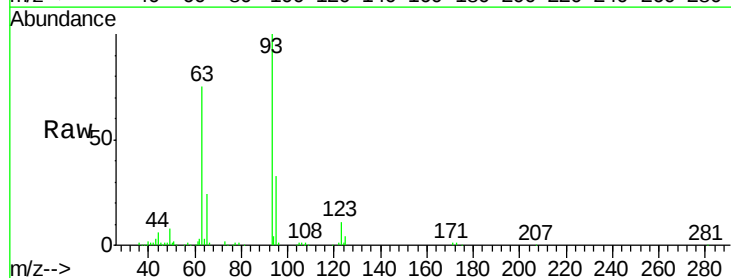
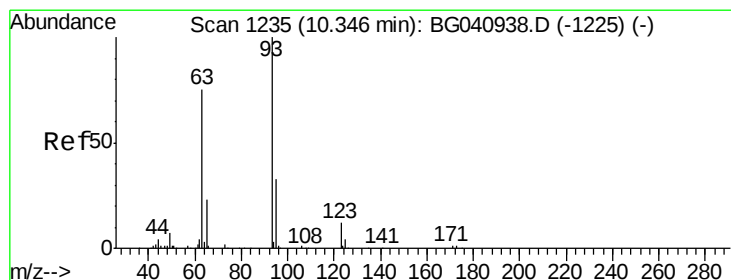
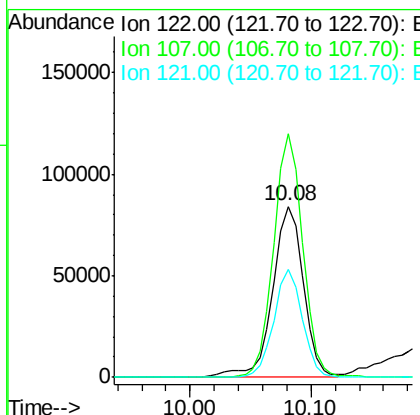
#27
 2,4-Dimethylphenol
 Concen: 45.219 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 S-8CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	142.4	111.1	166.7		
121	63.4	45.6	68.4		

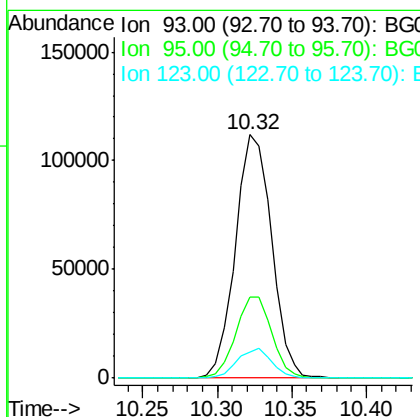
Manual Integrations
 APPROVED

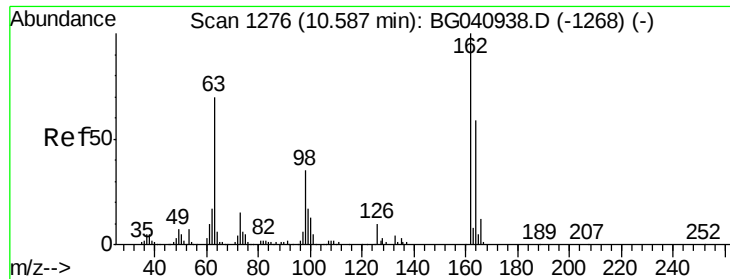
mohammad
 6/11/2019 8:54:25 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.940 ng
 RT: 10.32 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.2	25.7	38.5		
123	10.8	9.1	13.7		





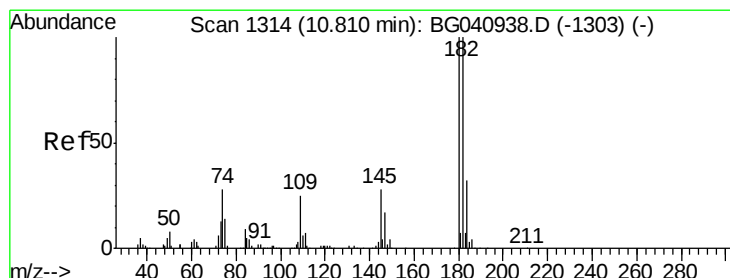
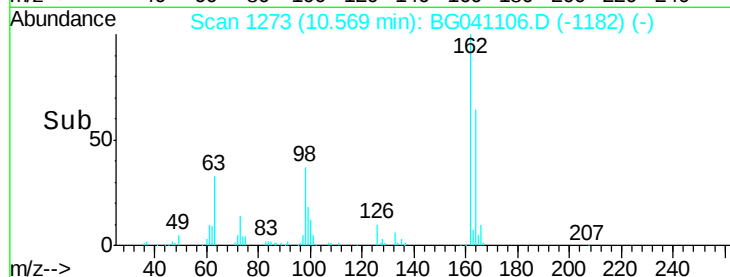
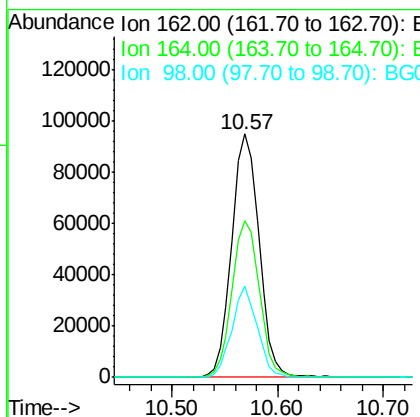
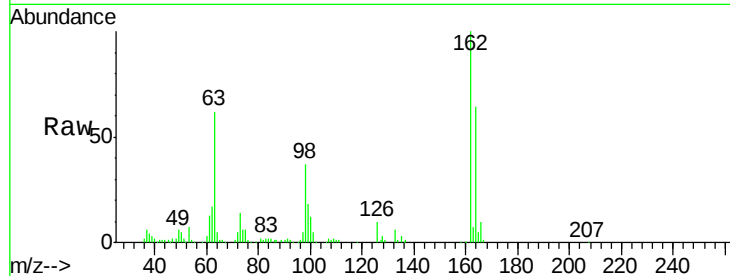
#29
 2,4-Dichlorophenol
 Concen: 40.815 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 S-8CMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.3	41.4	81.4
98	37.3	14.8	54.8

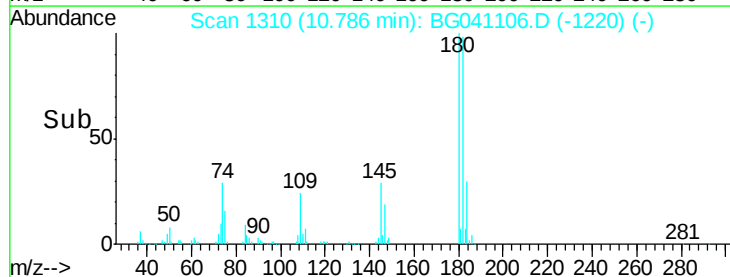
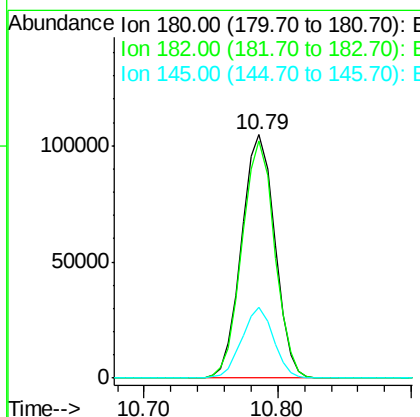
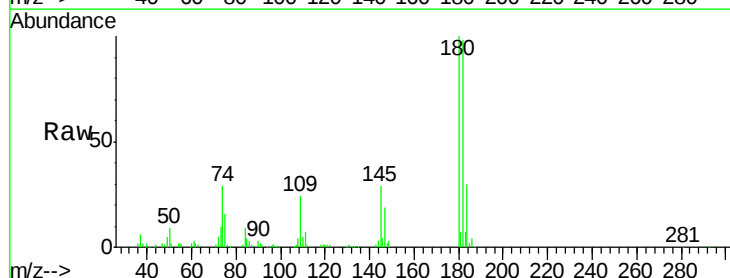
Manual Integrations
 APPROVED

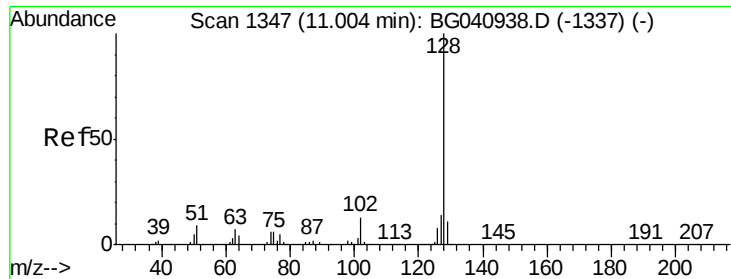
mohammad
 6/11/2019 8:54:25 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.074 ng
 RT: 10.79 min Scan# 1310
 Delta R.T. -0.00 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.6	76.5	114.7
145	29.1	21.3	31.9





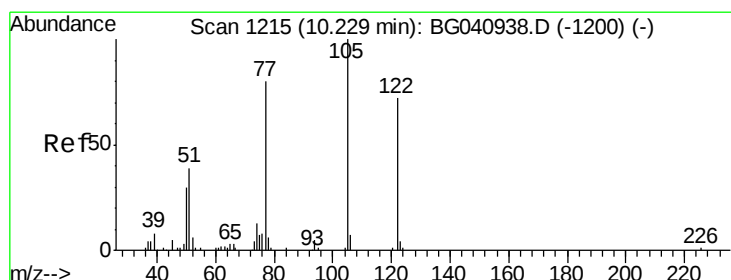
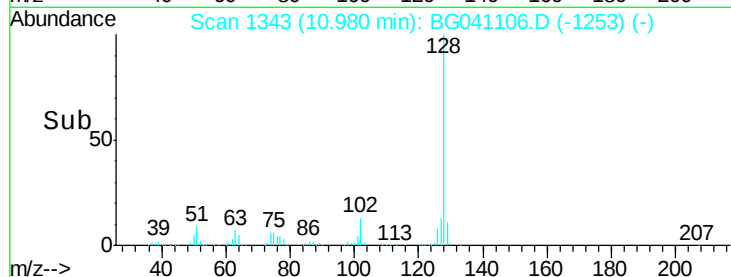
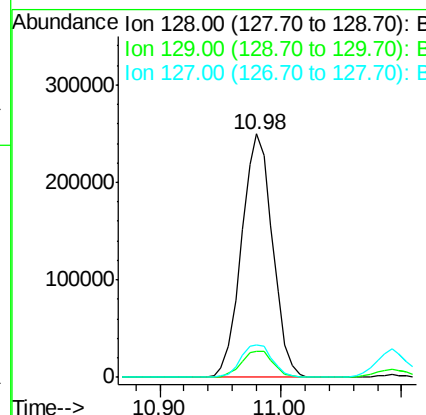
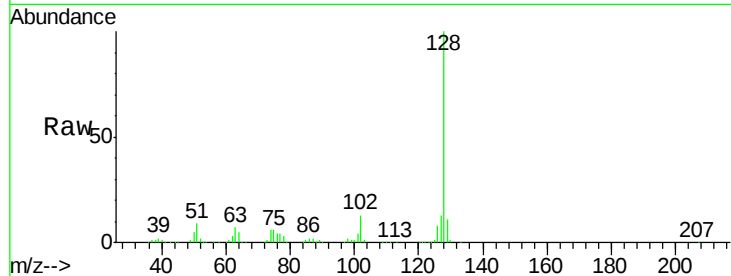
#31
Naphthalene
Concen: 39.565 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Instrument :
BNA_G
ClientSampleId :
S-8CMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	13.3	11.4	17.0

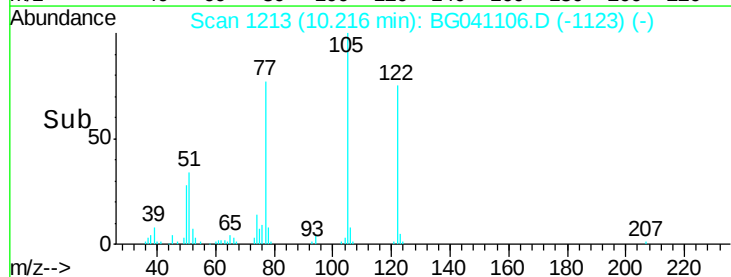
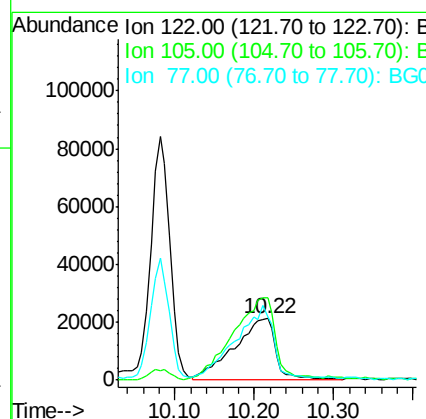
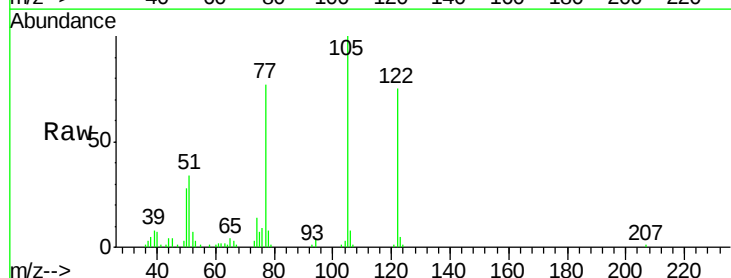
Manual Integrations
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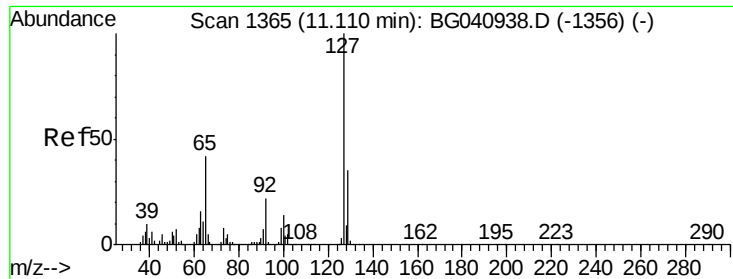
mohammad
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#32
Benzoic acid
Concen: 33.944 ng
RT: 10.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.5	134.0	174.0#
77	102.5	91.5	131.5





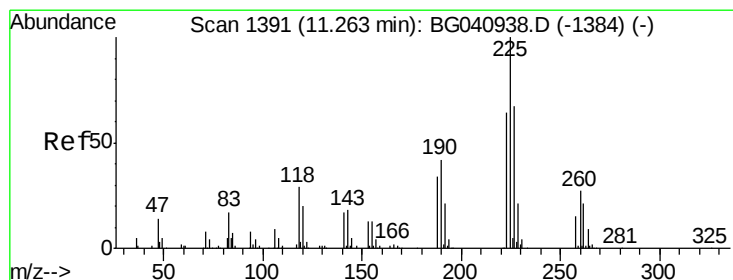
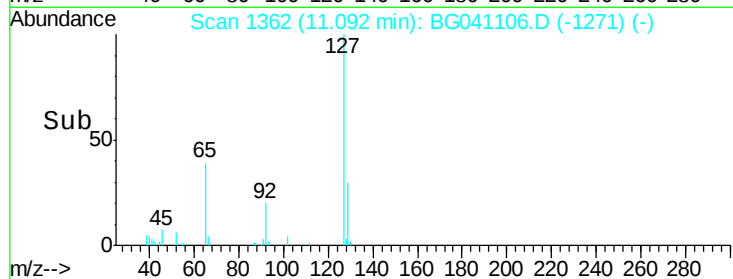
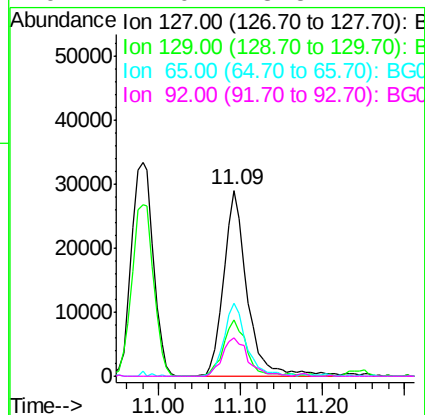
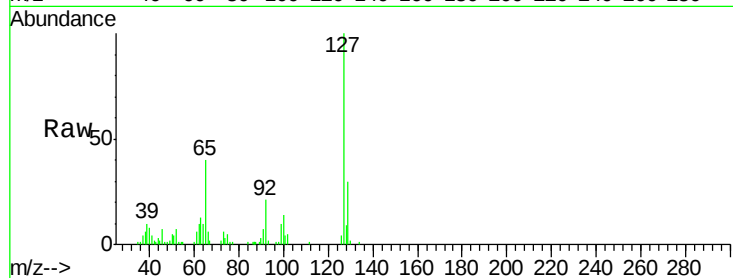
#33
4-Chloroaniline
Concen: 11.070 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Instrument :
BNA_G
ClientSampled :
S-8CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		57865		
129	30.3	25.0	37.4		
65	39.5	30.2	45.4		
92	21.0	18.5	27.7		

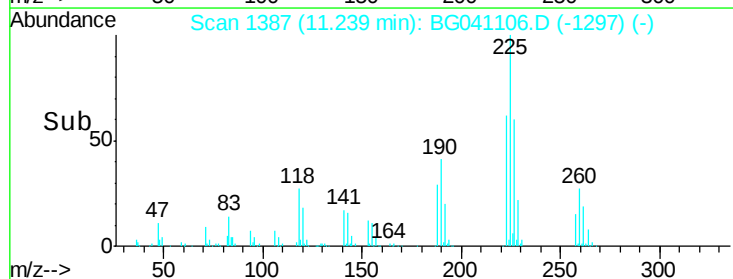
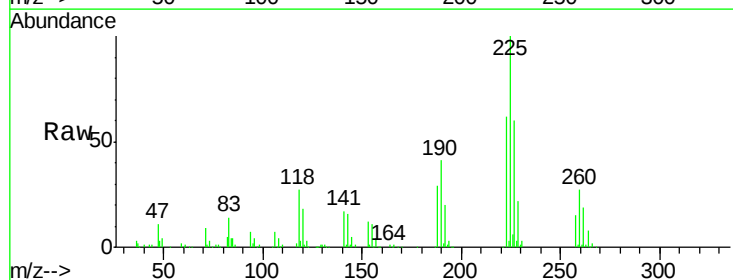
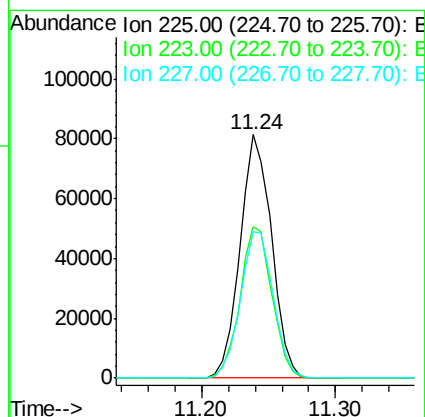
Manual Integrations
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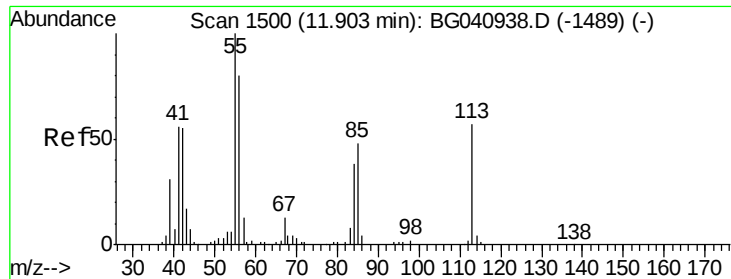
mohammad
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#34
Hexachlorobutadiene
Concen: 36.582 ng
RT: 11.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		132607		
223	62.0	49.1	73.7		
227	63.2	52.0	78.0		





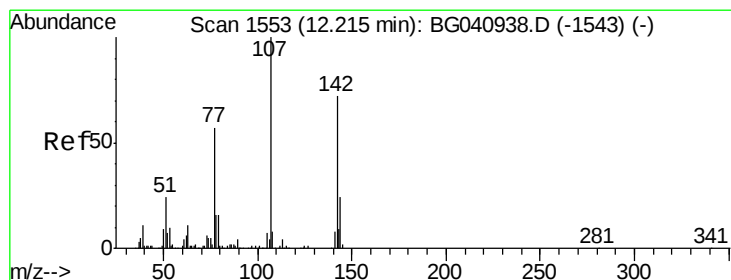
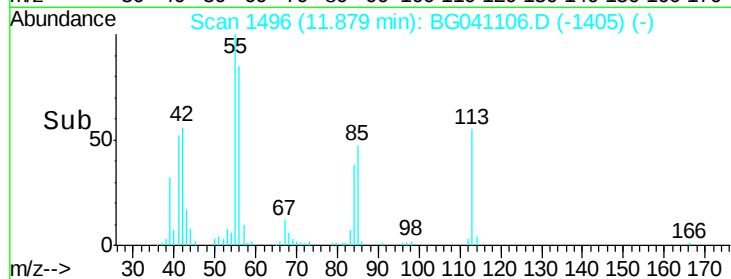
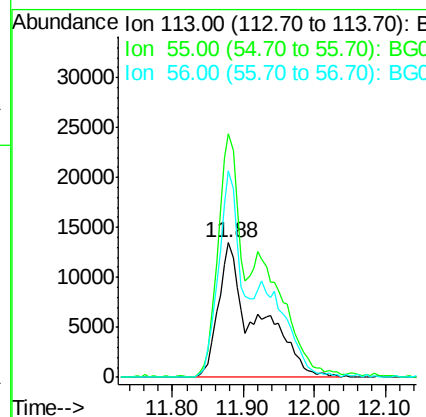
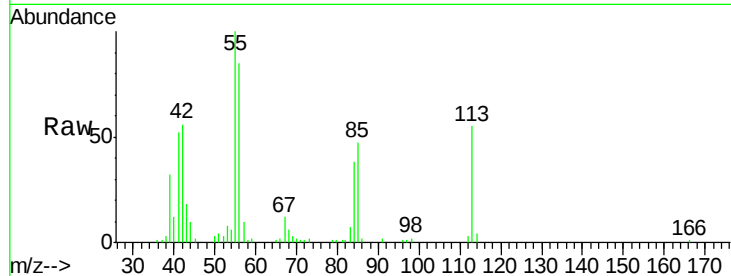
#35
 Caprolactam
 Concen: 36.751 ng/ml
 RT: 11.88 min Scan# 1496
 Delta R.T. 0.00 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 S-8CMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	180.7	174.4	214.4
56	153.7	127.9	167.9

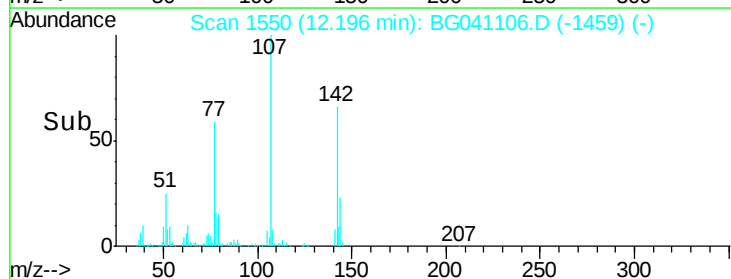
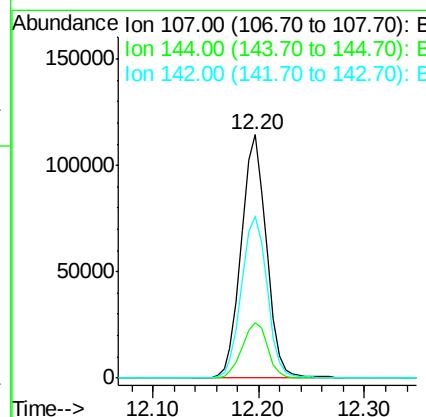
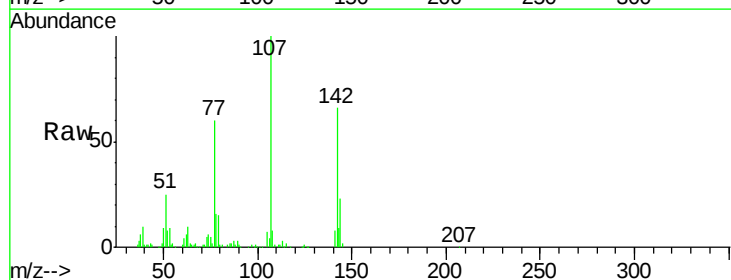
Manual Integrations
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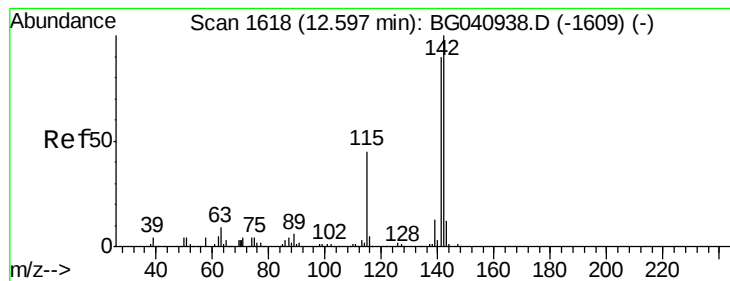
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 39.719 ng/ml
 RT: 12.20 min Scan# 1550
 Delta R.T. 0.00 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.9	18.5	27.7
142	66.3	54.6	81.8





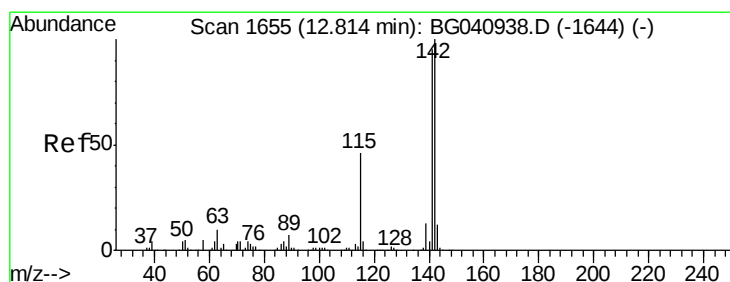
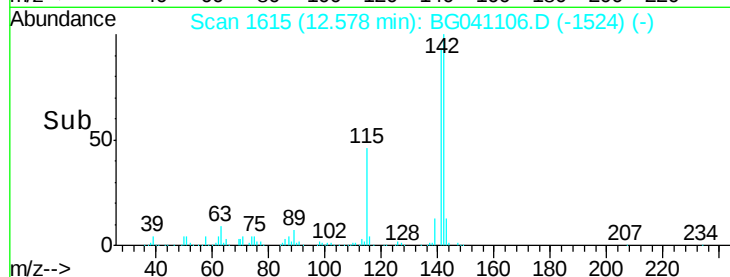
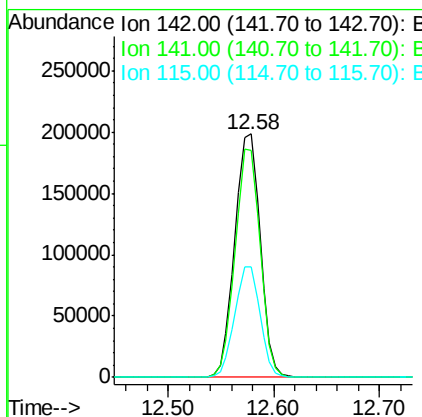
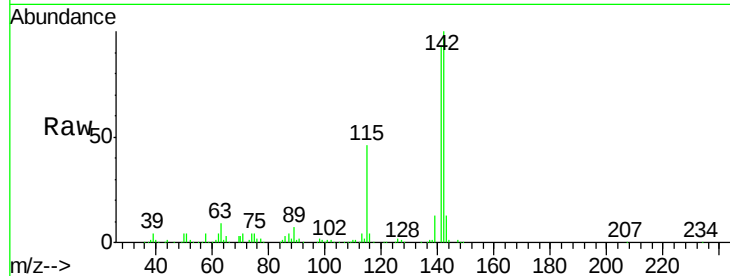
#37
2-Methylnaphthalene
Concen: 38.059 ng
RT: 12.58 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Instrument :
BNA_G
ClientSampled :
S-8CMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.2	71.5	107.3
115	45.6	35.1	52.7

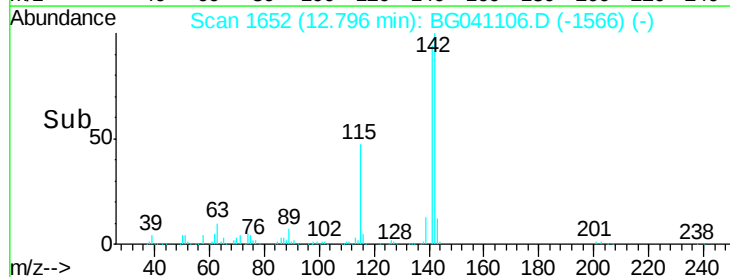
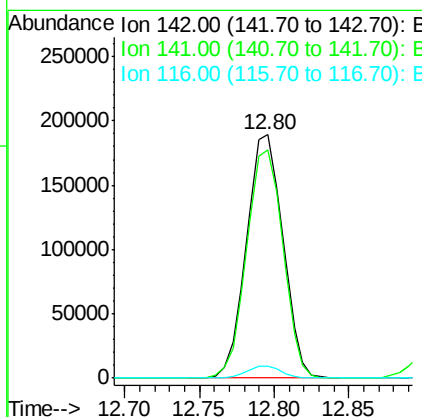
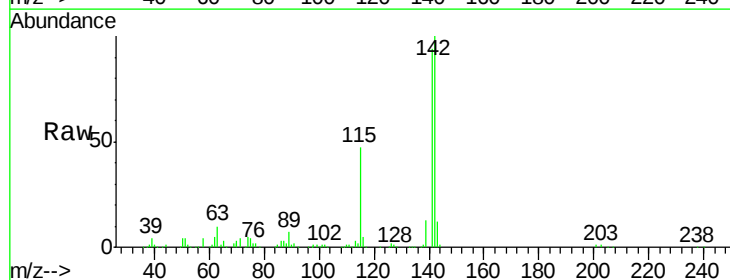
Manual Integrations
APPROVED

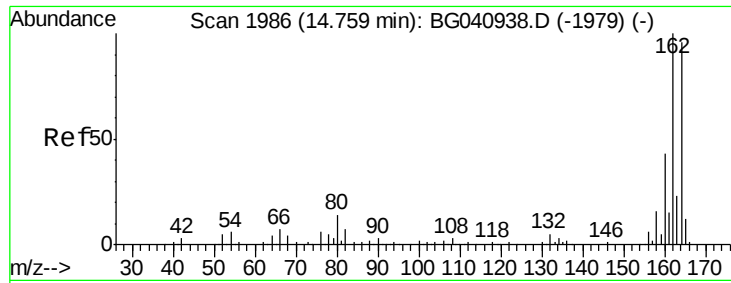
mohammad
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#38
1-Methylnaphthalene
Concen: 39.106 ng
RT: 12.80 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	75.4	113.0
116	4.8	3.8	5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

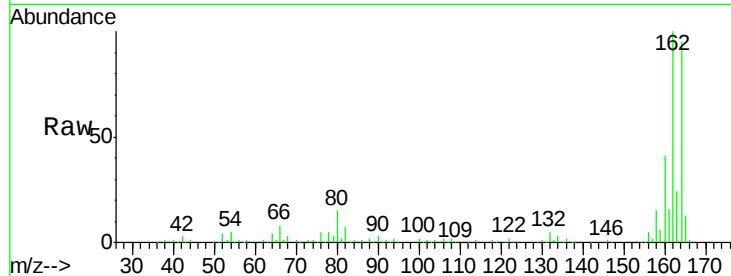
ClientSampleId :

S-8CMSD

Tot Ion:	164	Resp:	149913
Ion Ratio	Lower	Upper	
164	100		
162	105.3	85.4	128.0
160	43.0	37.1	55.7

Manual Integrations
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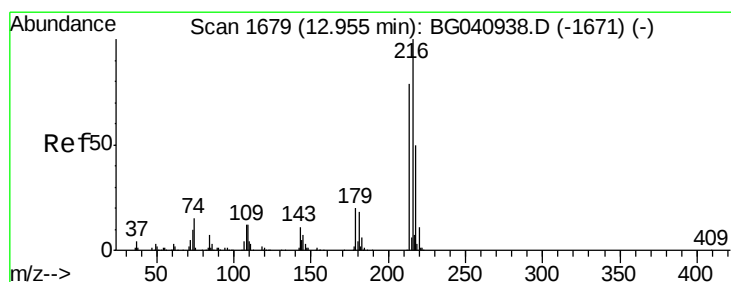
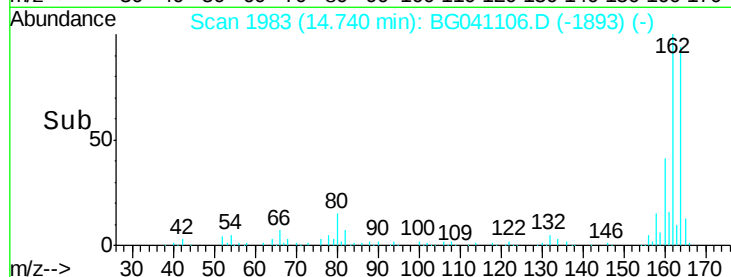
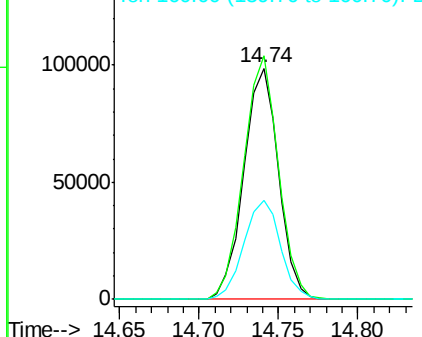
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.615 ng

RT: 12.94 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

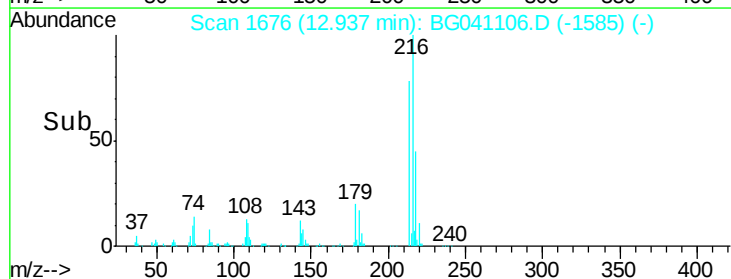
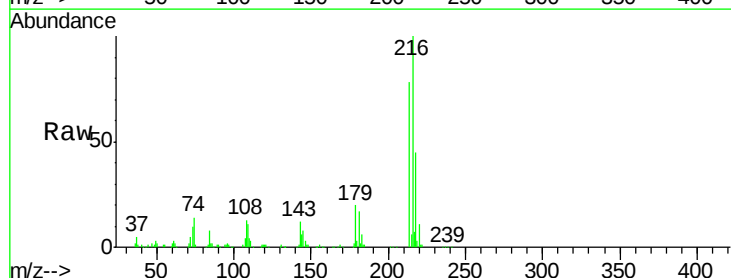
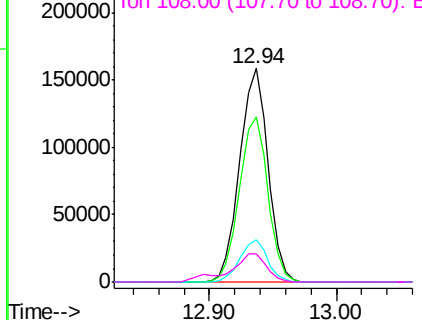
Tgt Ion:	216	Resp:	245409
Ion Ratio	Lower	Upper	
216	100		
214	77.8	63.0	94.6
179	19.1	15.4	23.2
108	17.0	12.1	18.1

Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 92.168 ng

RT: 12.90 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

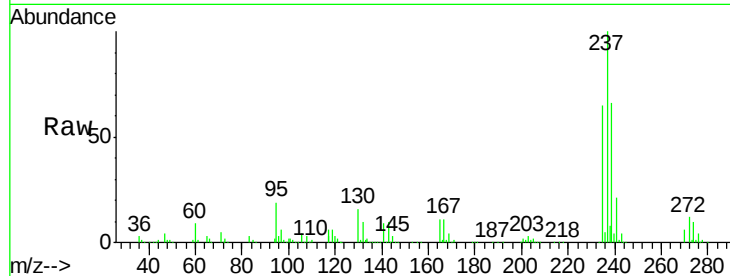
ClientSampled :

S-8CMSD

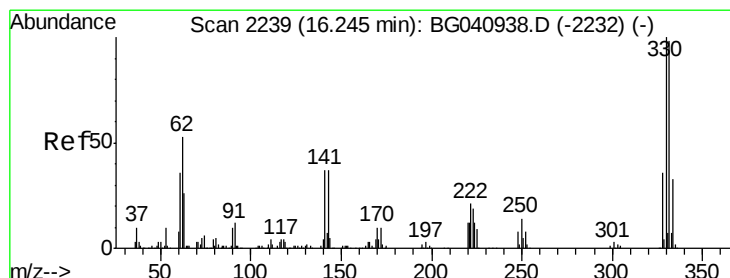
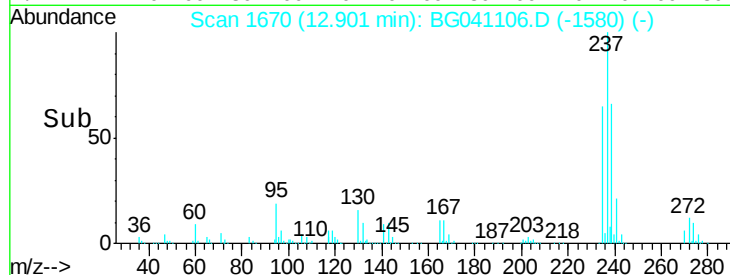
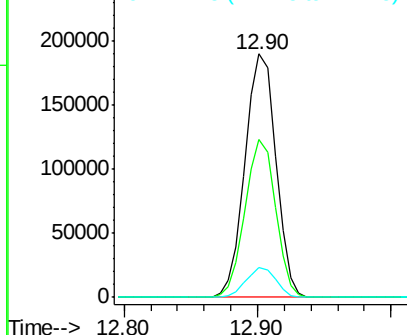
Tot Ion:	237	Resp:	303898
Ion Ratio		Lower	Upper
237	100		
235	64.9	40.5	80.5
272	12.2	0.0	31.4

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



#42

2,4,6-Tribromophenol

Concen: 116.400 ng

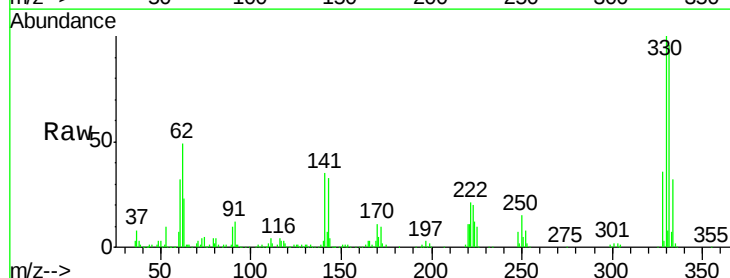
RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

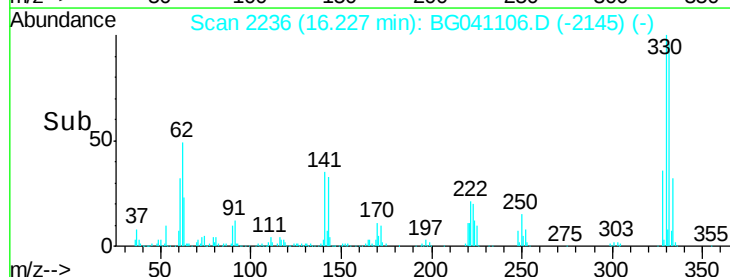
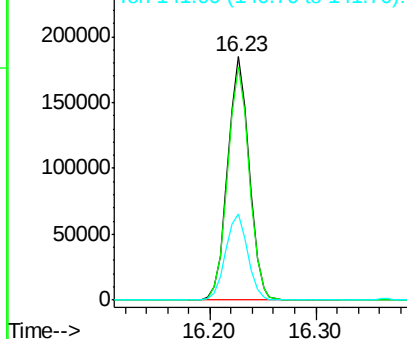
Lab File: BG041106.D

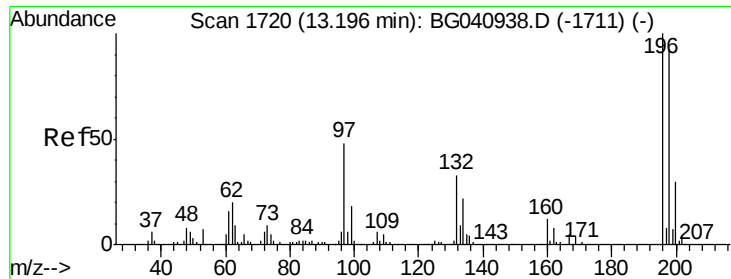
Acq: 7 Jun 2019 17:57

Tgt Ion:	330	Resp:	259056
Ion Ratio		Lower	Upper
330	100		
332	96.3	77.9	116.9
141	36.2	29.0	43.4



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





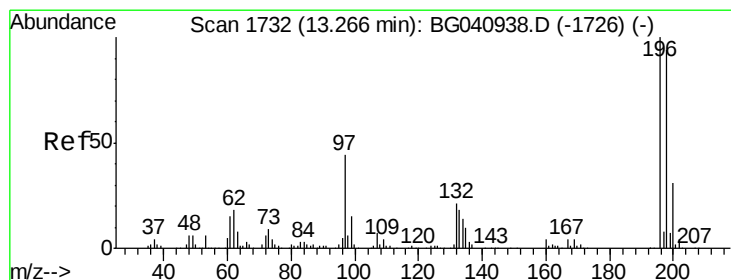
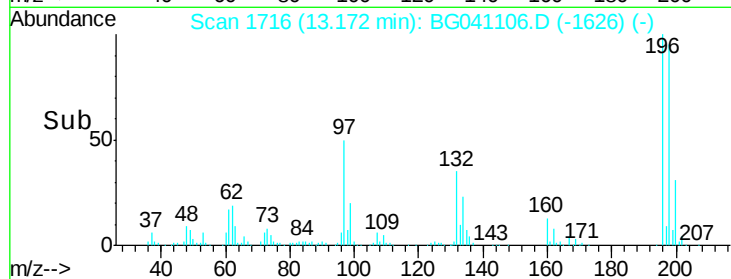
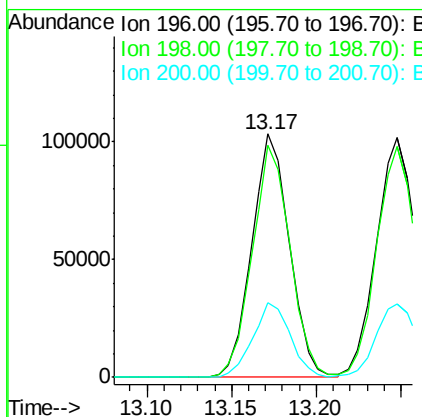
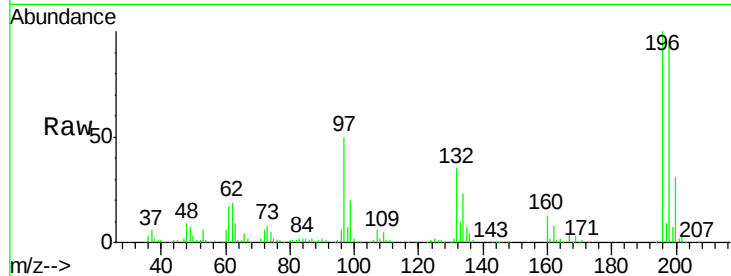
#43
 2,4,6-Trichlorophenol
 Concen: 40.847 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Instrument :
 BNA_G
 ClientSampled :
 S-8CMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	159666		
198	95.3	79.0	118.6	
200	30.9	23.8	35.8	

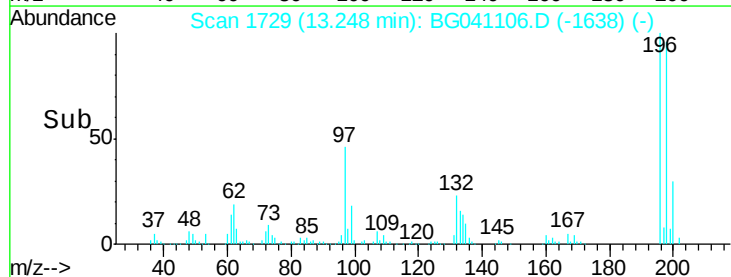
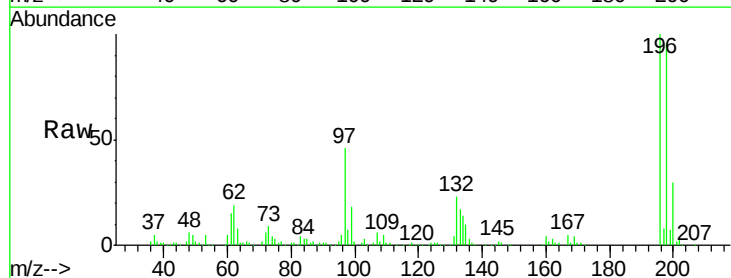
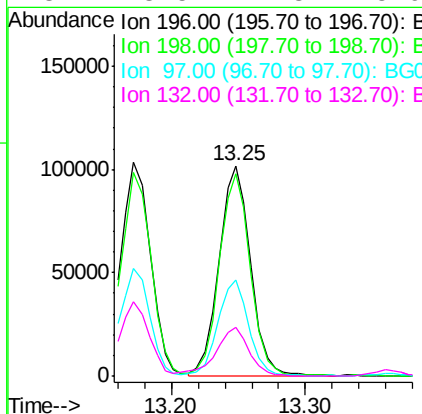
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#44
 2,4,5-Trichlorophenol
 Concen: 40.572 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	167255		
198	96.4	78.2	117.4	
97	45.9	37.9	56.9	
132	23.5	17.3	25.9	





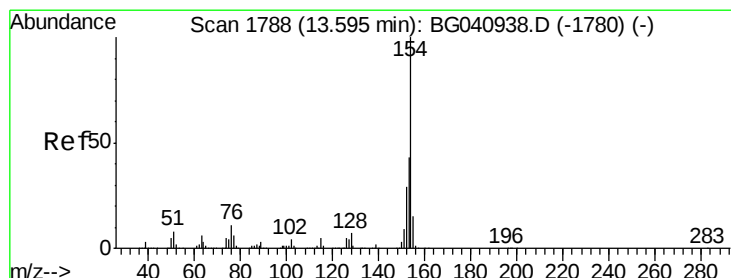
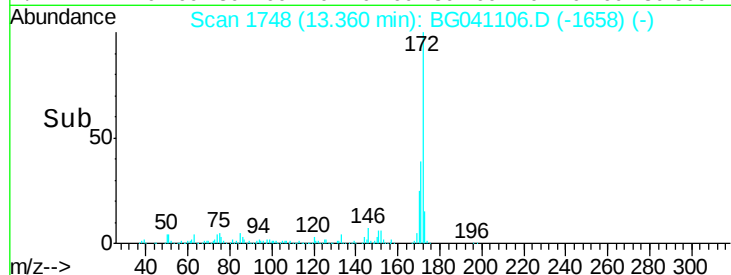
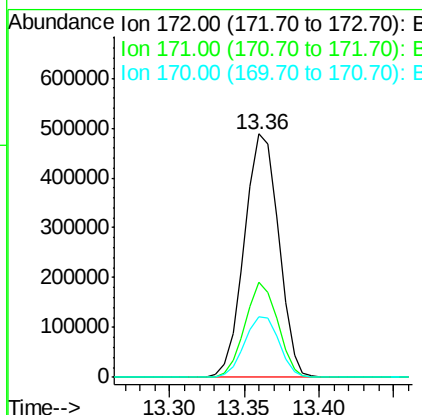
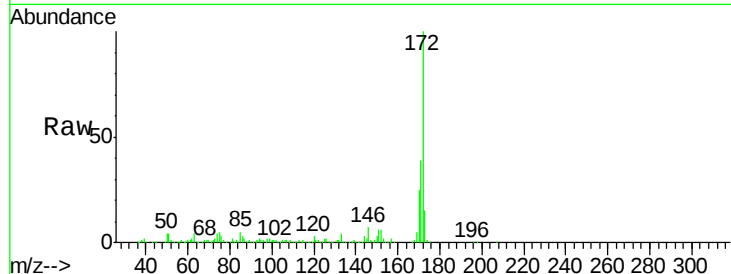
#45
2-Fluorobiphenyl
Concen: 74.582 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Instrument :
BNA_G
ClientSampleId :
S-8CMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.8	46.2
170	24.7	21.3	31.9

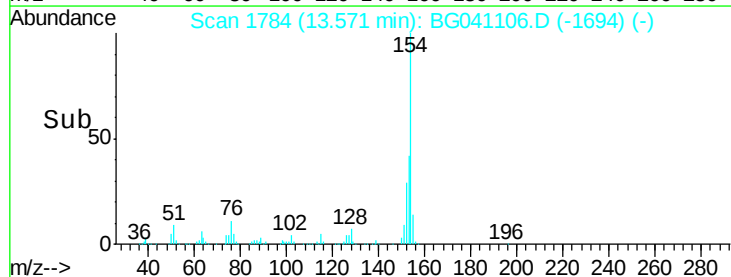
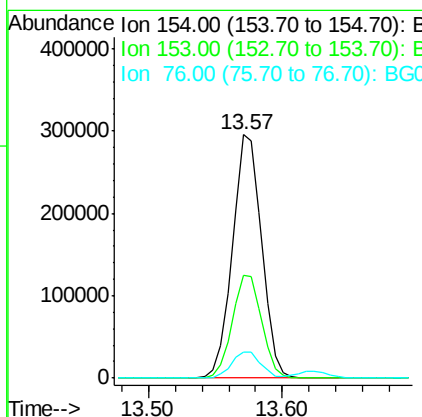
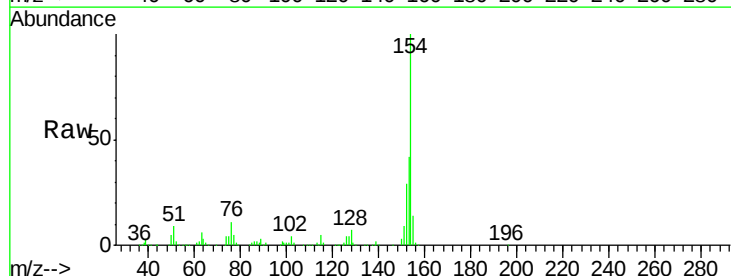
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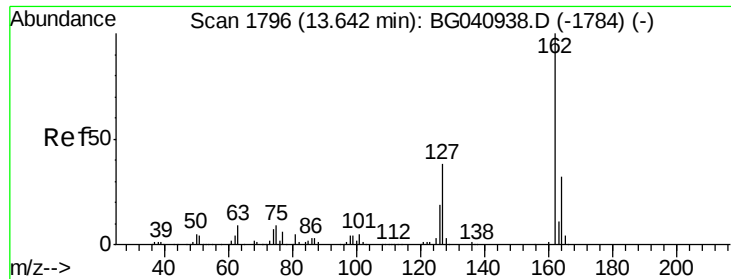
mohammad
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#46
1,1'-Biphenyl
Concen: 40.402 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	23.1	63.1
76	10.9	0.0	31.2





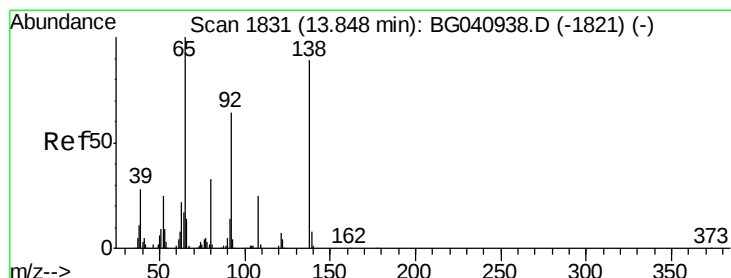
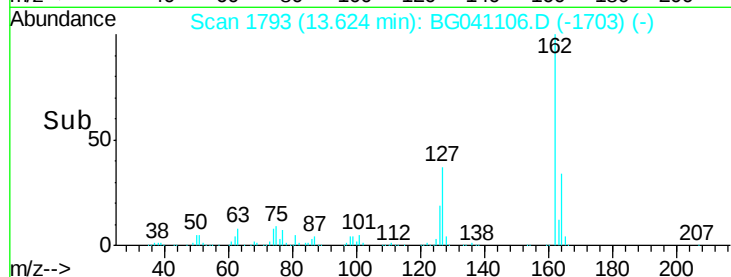
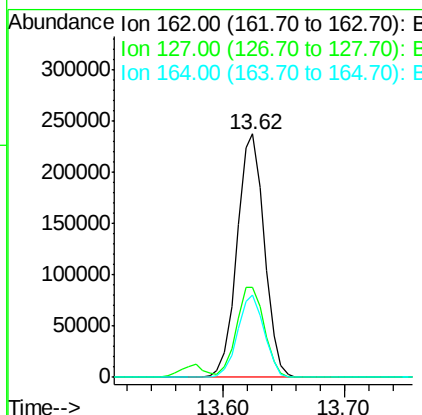
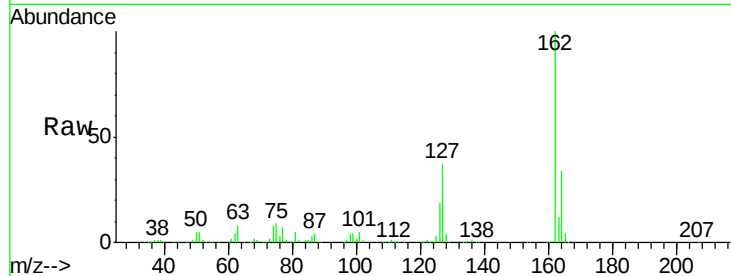
#47
2-Chloronaphthalene
Concen: 39.082 ng
RT: 13.62 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Instrument :
BNA_G
ClientSampleId :
S-8CMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.0	31.1	46.7
164	33.6	25.8	38.8

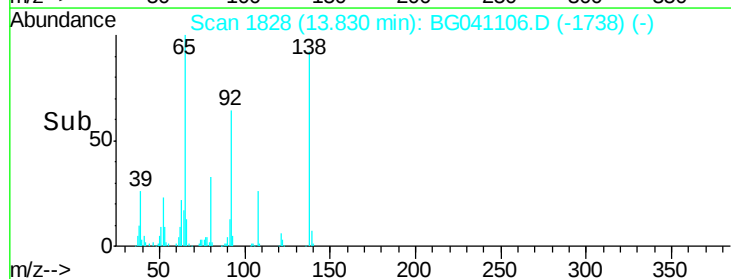
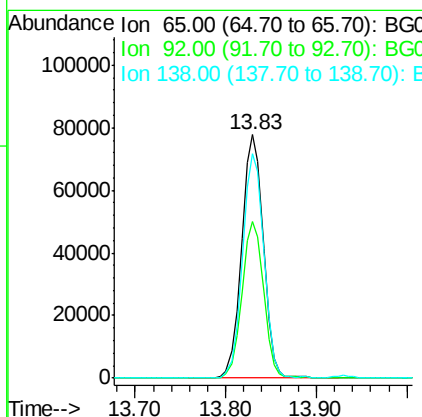
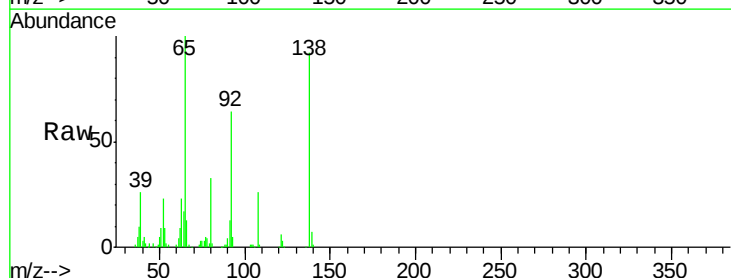
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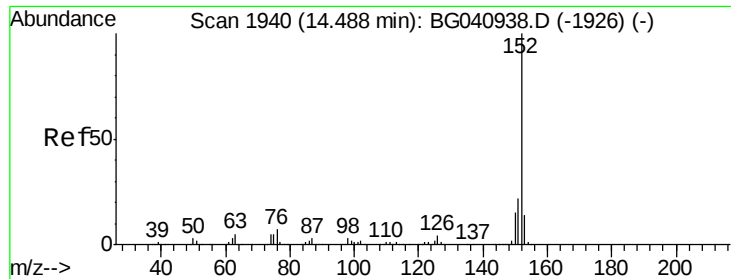
mohammad
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#48
2-Nitroaniline
Concen: 37.850 ng
RT: 13.83 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.1	49.2	73.8
138	92.4	73.0	109.6





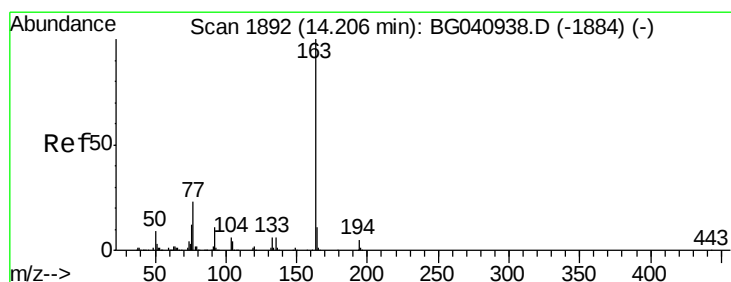
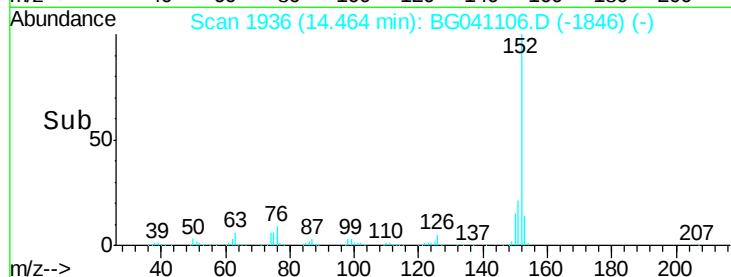
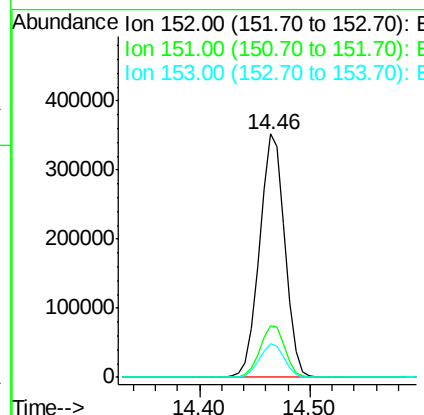
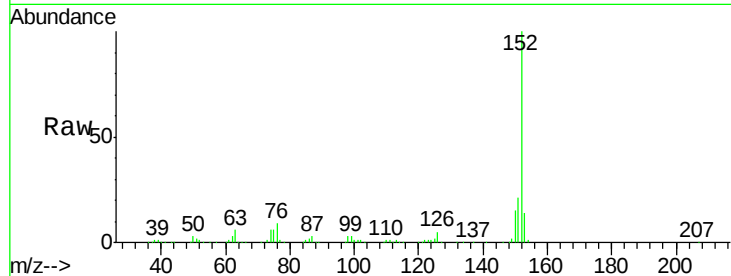
#49
Acenaphthylene
Concen: 39.311 ng
RT: 14.46 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Instrument :
BNA_G
ClientSampleId :
S-8CMSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	563637		
151	21.4		16.8	25.2
153	13.8		10.6	16.0

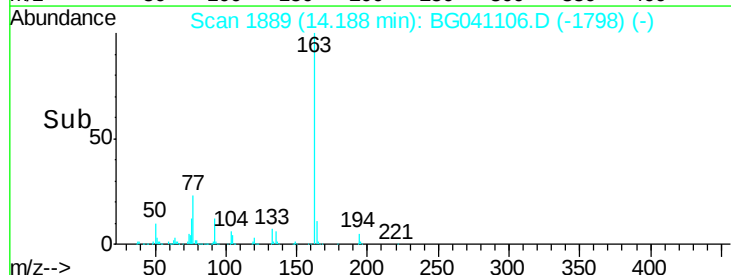
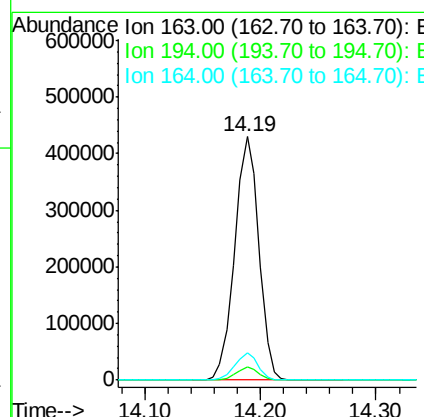
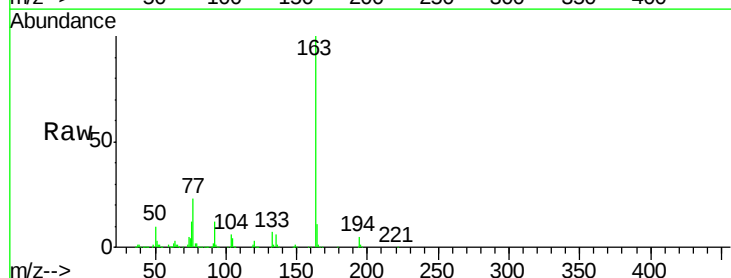
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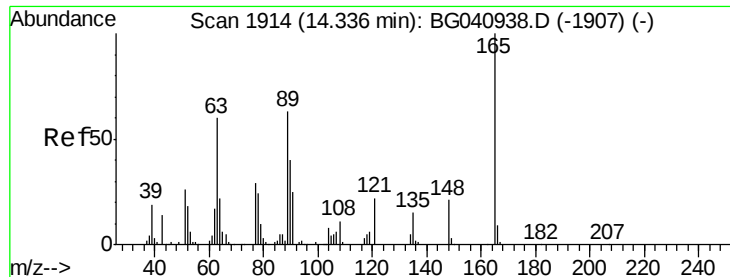
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#50
Dimethylphthalate
Concen: 49.047 ng
RT: 14.19 min Scan# 1889
Delta R.T. 0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	622420		
194	5.3		3.8	5.6
164	11.0		8.3	12.5





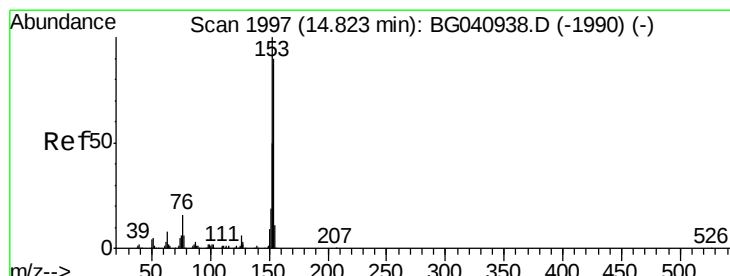
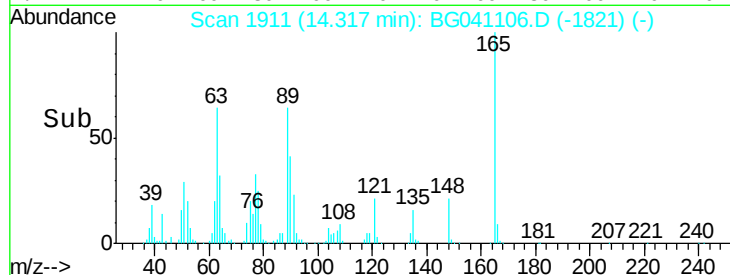
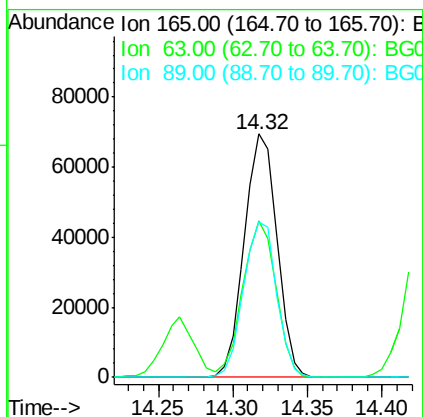
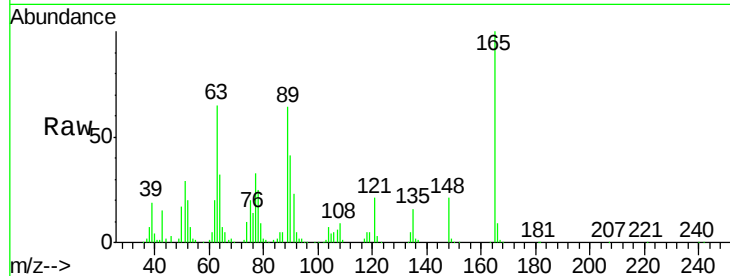
#51
2,6-Dinitrotoluene
Concen: 38.551 ng
RT: 14.32 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Instrument :
BNA_G
ClientSampleId :
S-8CMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	105479		
63	64.5	48.6	73.0	
89	63.7	51.1	76.7	

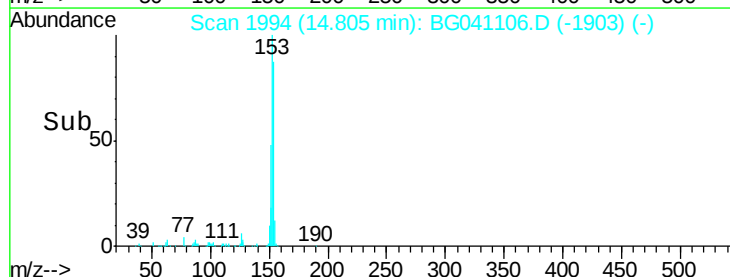
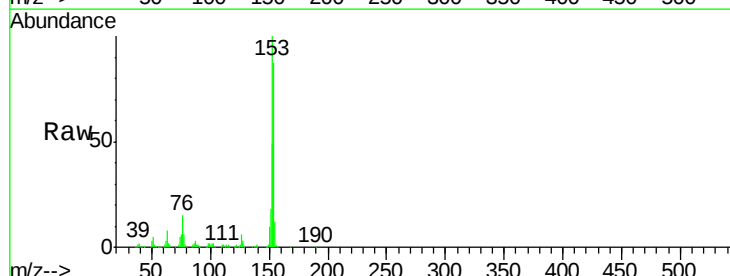
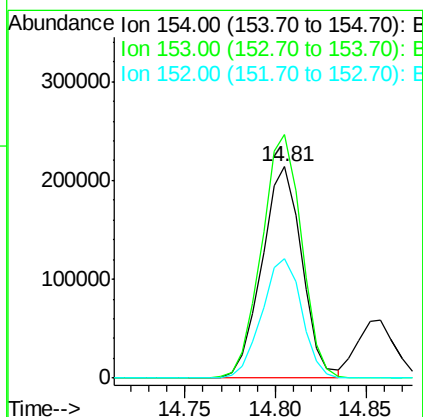
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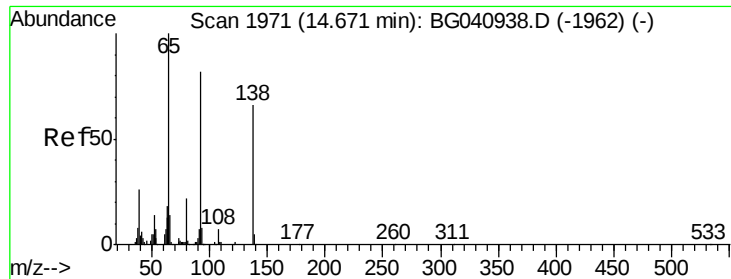
mohammad
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#52
Acenaphthene
Concen: 37.757 ng
RT: 14.81 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	327952		
153	115.2	90.6	135.8	
152	56.5	43.0	64.4	





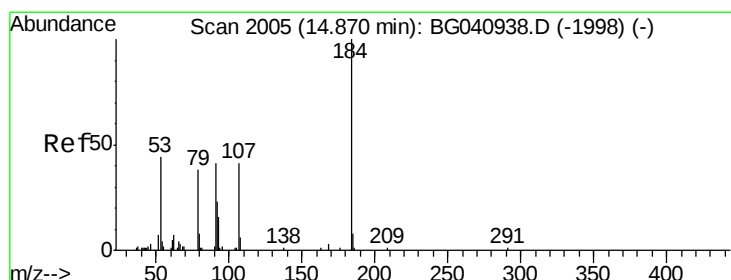
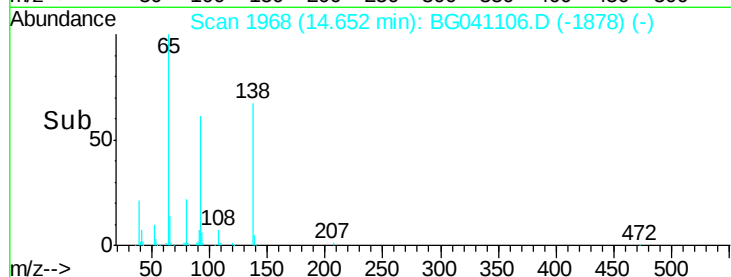
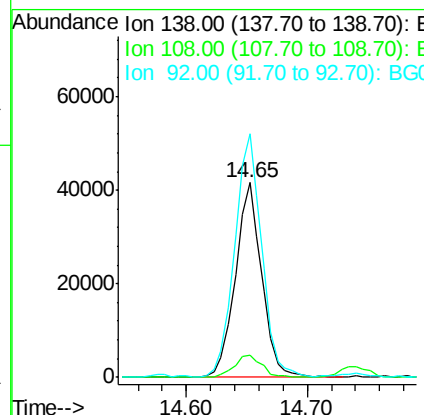
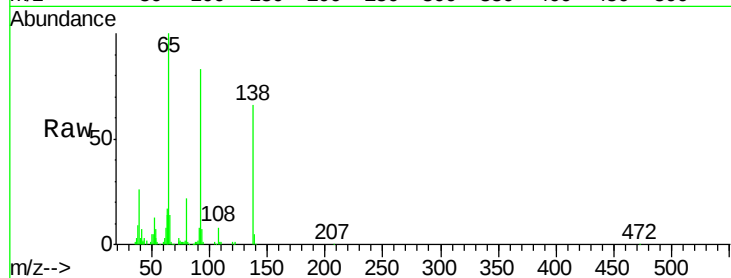
#53
 3-Nitroaniline
 Concen: 23.061 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 S-8CMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.7	8.6	13.0
92	125.1	98.0	147.0

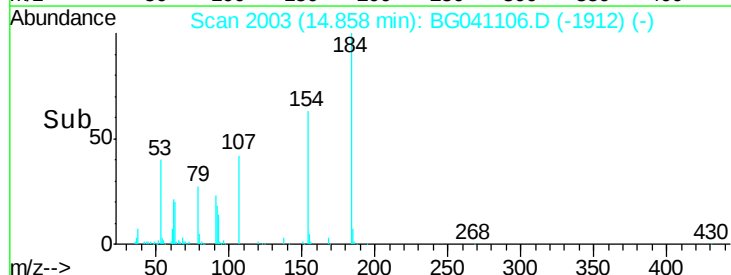
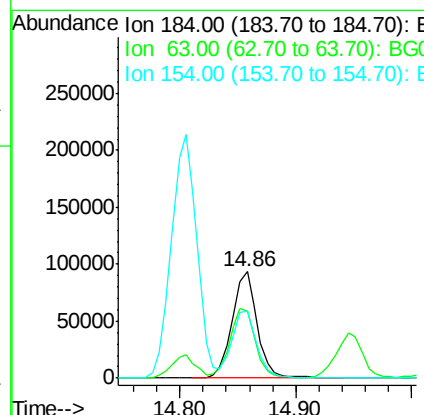
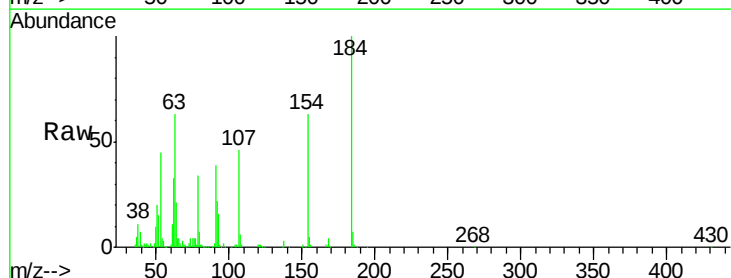
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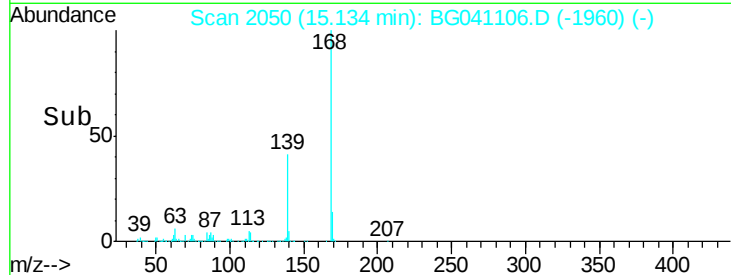
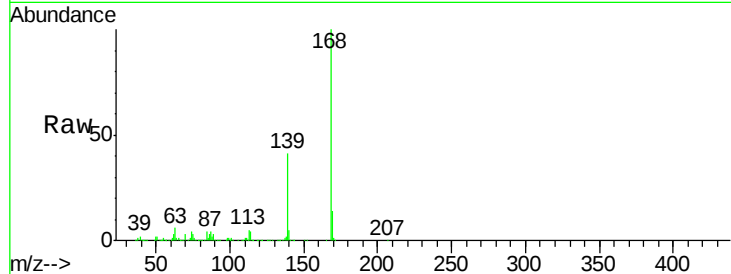
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#54
 2,4-Dinitrophenol
 Concen: 92.577 ng
 RT: 14.86 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.7	54.2	81.4
154	62.6	52.3	78.5





#55

Dibenzofuran

Concen: 38.730 ng

RT: 15.13 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Tot Ion:	168	Resp:	566046
Ion Ratio	Lower	Upper	
168	100		
139	40.7	32.3	48.5
169	14.3	11.3	16.9

Instrument :

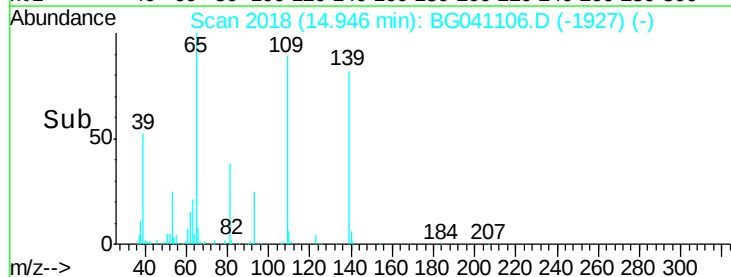
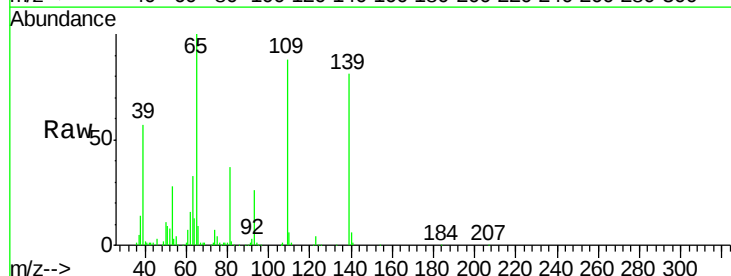
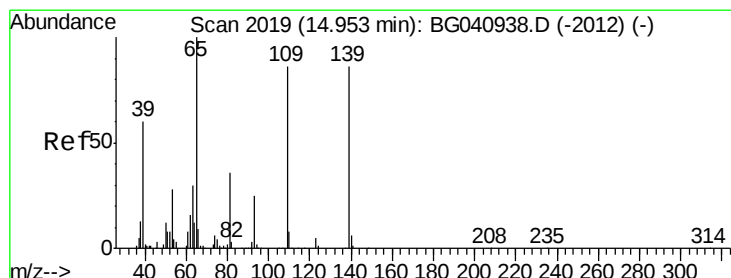
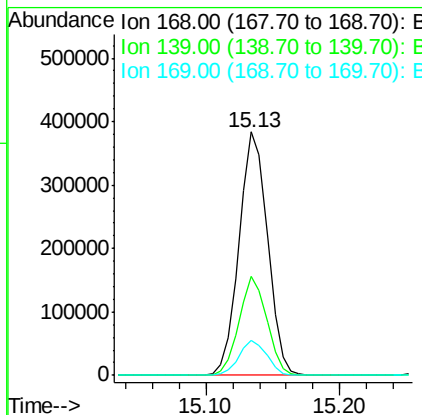
BNA_G

ClientSampled :

S-8CMSD

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#56

4-Nitrophenol

Concen: 86.976 ng

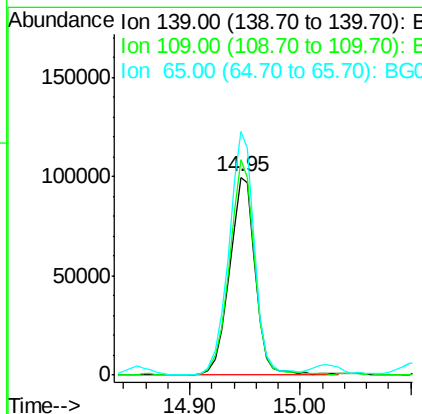
RT: 14.95 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Tgt Ion:	139	Resp:	163225
Ion Ratio	Lower	Upper	
139	100		
109	108.9	89.2	129.2
65	123.2	104.3	144.3





#57

2,4-Dinitrotoluene

Concen: 38.572 ng

RT: 15.10 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

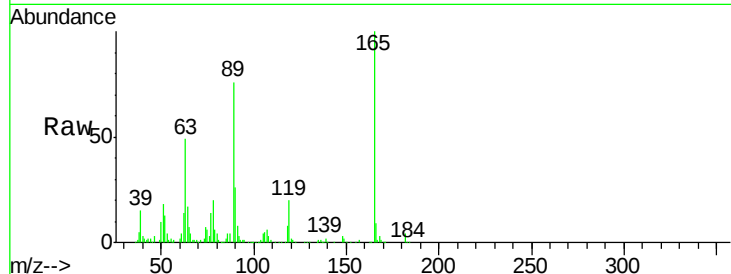
ClientSampleId :

S-8CMSD

Tot Ion:	165	Resp:	149081
Ion Ratio	Lower	Upper	
165	100		
63	48.9	38.1	57.1
89	75.6	60.7	91.1
182	3.6	2.4	3.6

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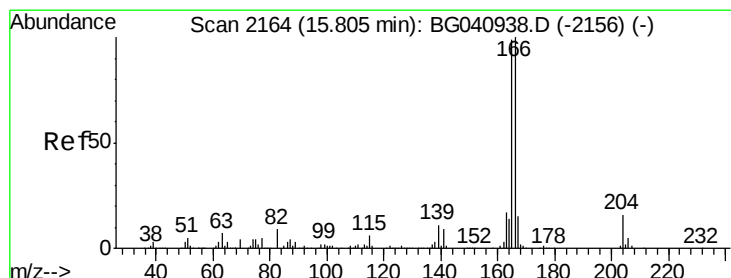
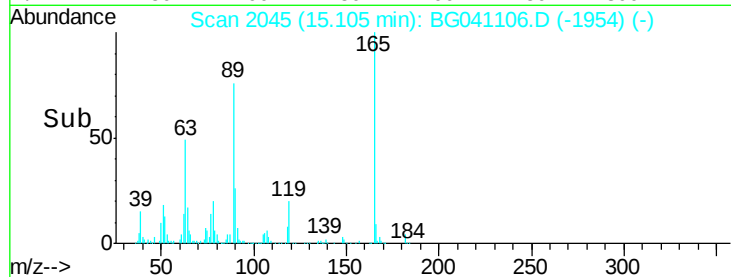
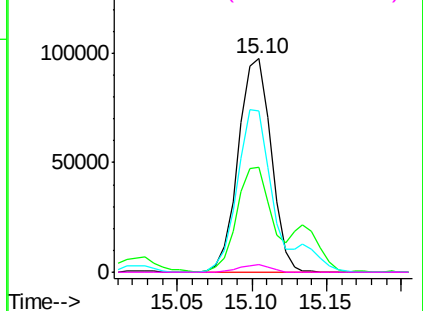


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 37.776 ng

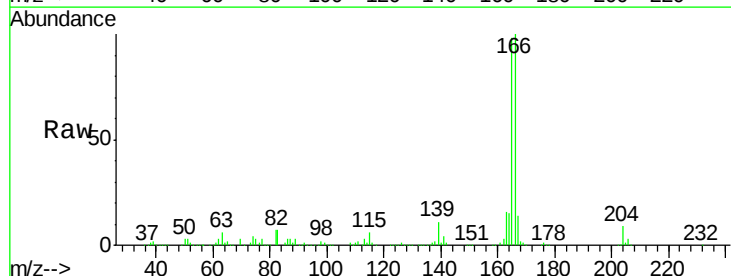
RT: 15.79 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

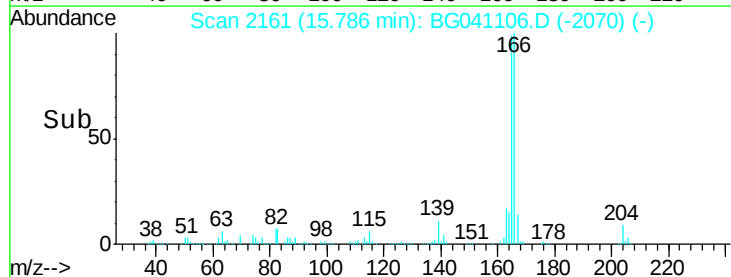
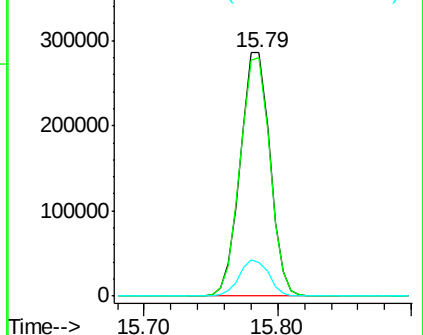
Tgt Ion:	166	Resp:	439684
Ion Ratio	Lower	Upper	
166	100		
165	98.0	80.6	121.0
167	13.8	11.6	17.4

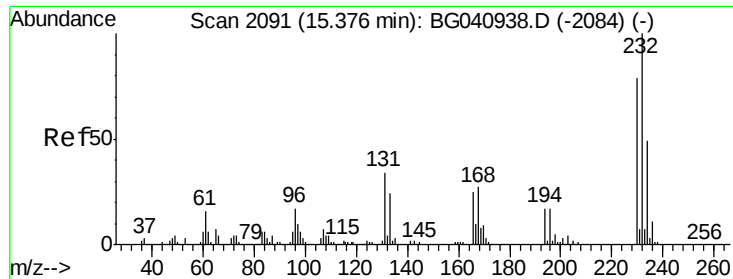


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





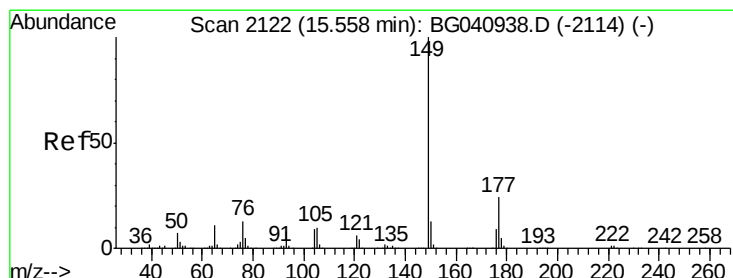
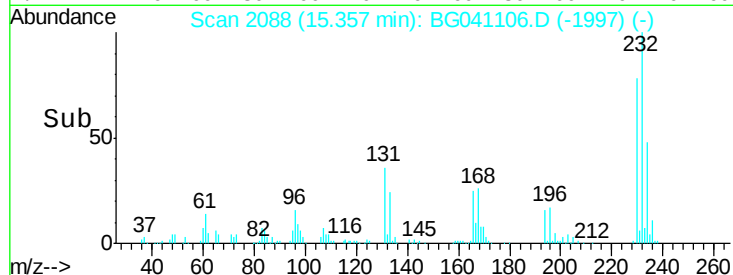
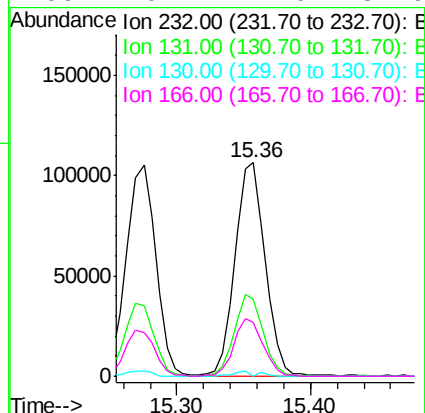
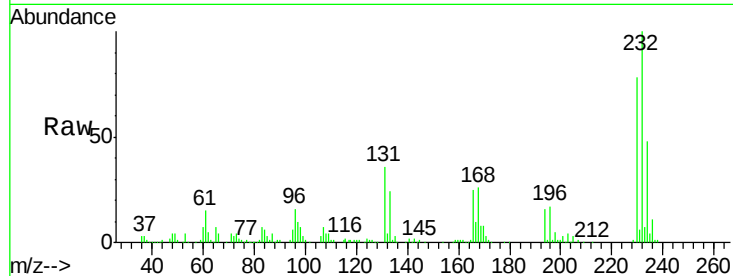
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.083 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 S-8CMSD

Tot Ion:	232	Resp:	166437
Ion Ratio	Lower	Upper	
232	100		
131	36.7	30.0	45.0
130	1.8	1.7	2.5
166	26.2	21.0	31.6

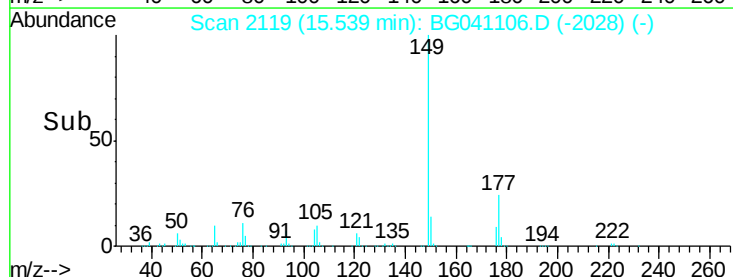
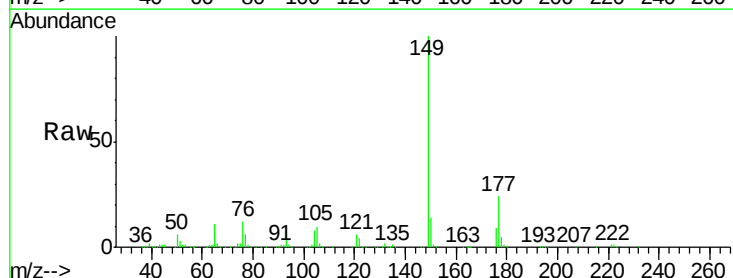
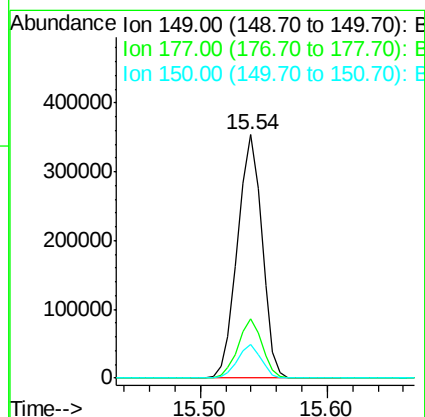
Manual Integrations
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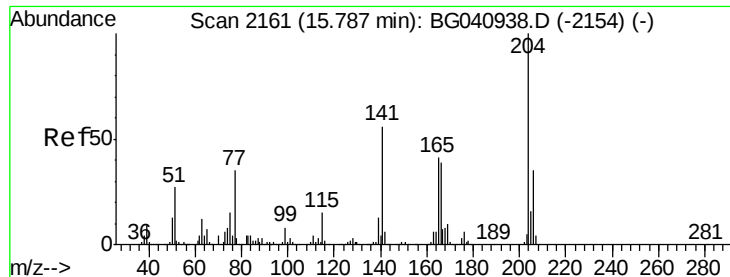
mohammad
 6/11/2019 8:54:25 AM



#60
 Diethylphthalate
 Concen: 36.529 ng
 RT: 15.54 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Tgt Ion:	149	Resp:	473076
Ion Ratio	Lower	Upper	
149	100		
177	24.2	19.5	29.3
150	13.8	10.6	15.8





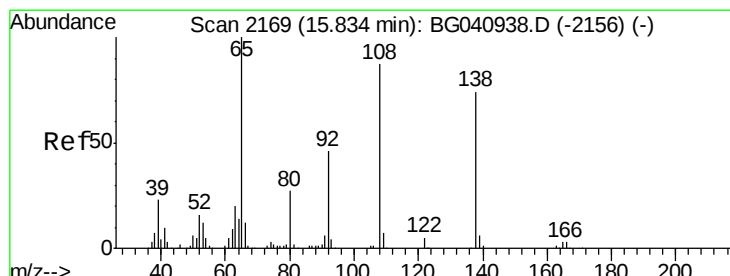
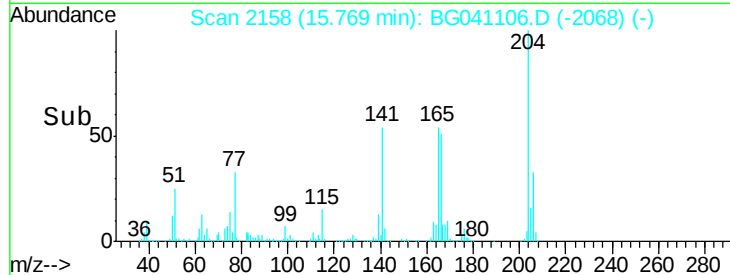
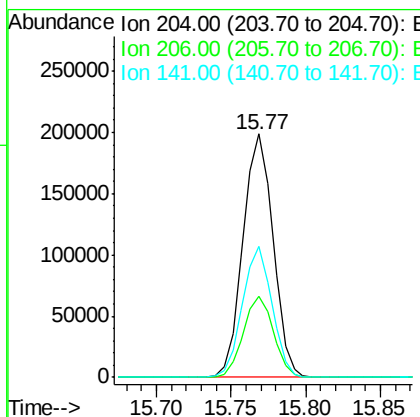
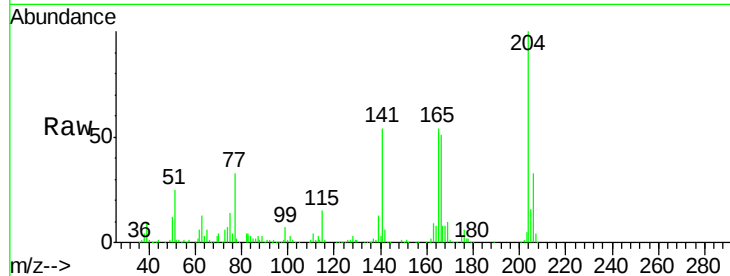
#61
 4-Chlorophenyl-phenylether
 Concen: 36.662 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.00 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Instrument :
 BNA_G
 ClientSampled :
 S-8CMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	24.3	36.5
141	53.9	41.0	61.4

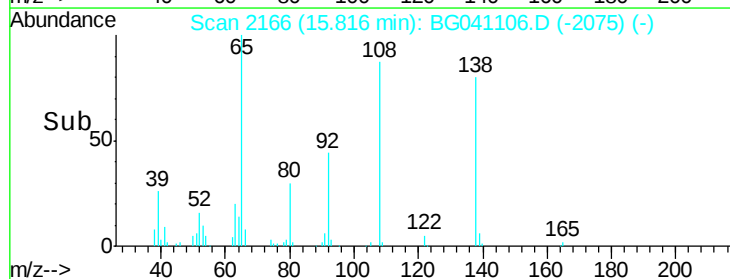
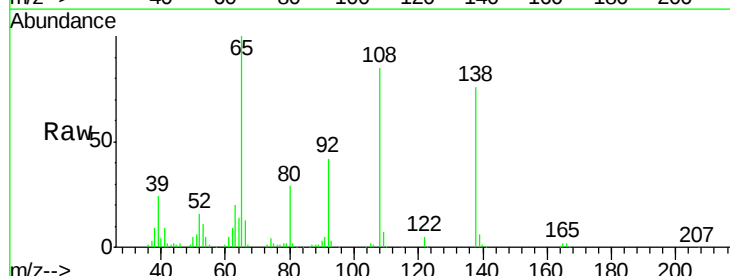
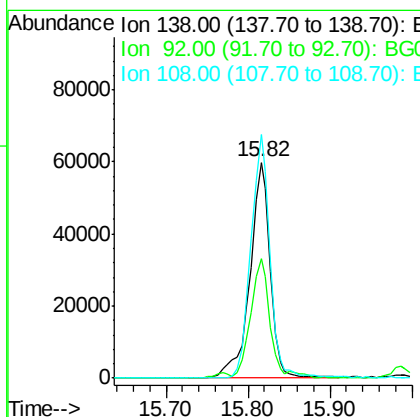
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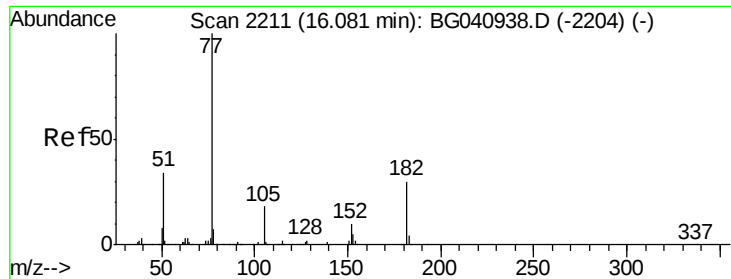
mohammad
 6/11/2019 8:54:25 AM



#62
 4-Nitroaniline
 Concen: 35.770 ng
 RT: 15.82 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.1	37.1	77.1
108	112.8	97.0	137.0





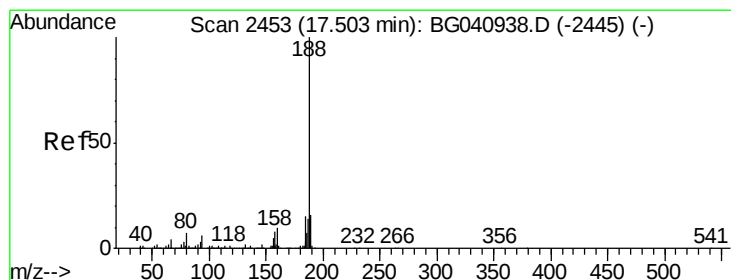
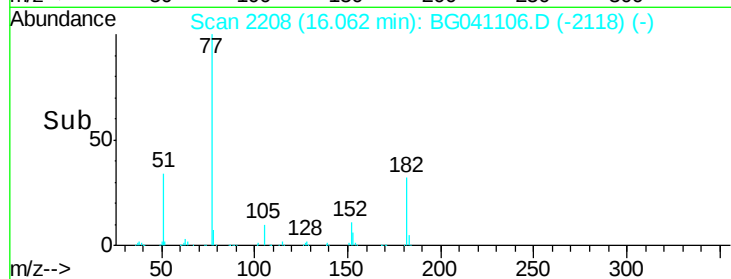
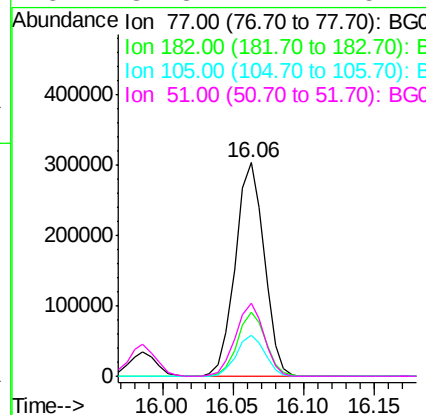
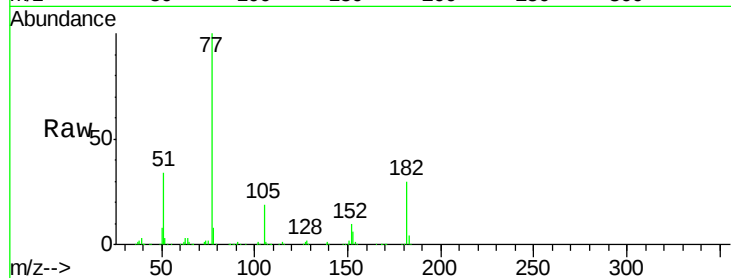
#63
Azobenzene
Concen: 36.765 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Instrument :
BNA_G
ClientSampleId :
S-8CMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.8	10.4	50.4
105	19.4	0.0	38.6
51	34.3	14.2	54.2

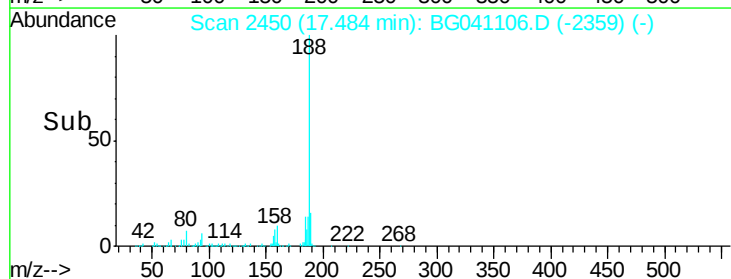
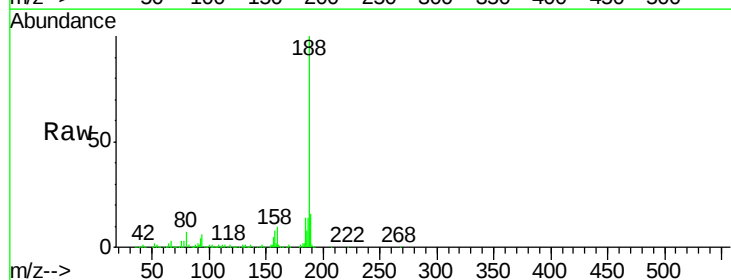
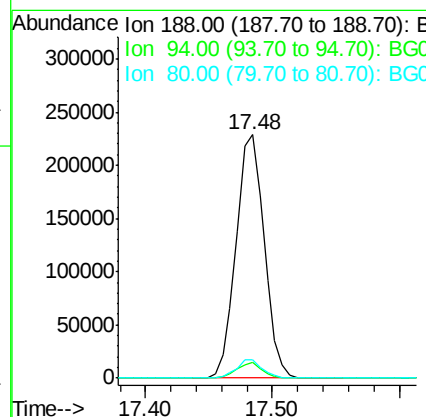
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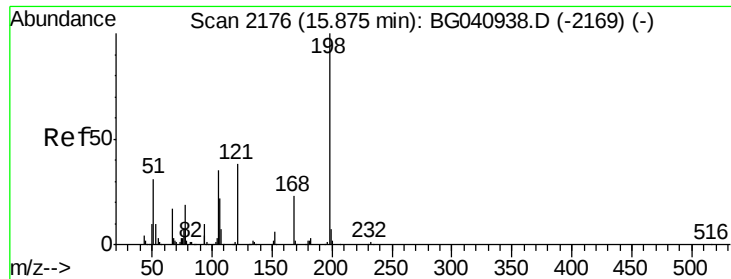
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	4.6	7.0
80	7.5	5.8	8.8





#65

4,6-Dinitro-2-methylphenol

Concen: 49.455 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

ClientSampleId :

S-8CMSD

Tot Ion:198 Resp: 93570

Ion Ratio Lower Upper

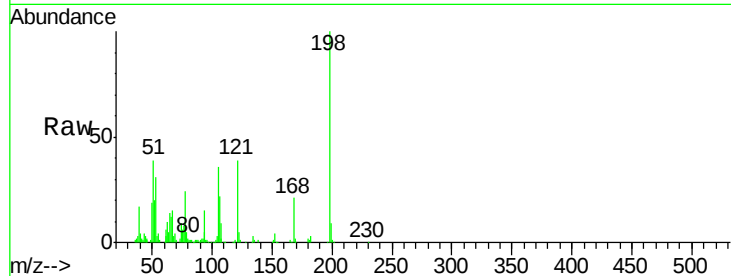
198 100

51 39.5 22.9 62.9

105 36.4 19.1 59.1

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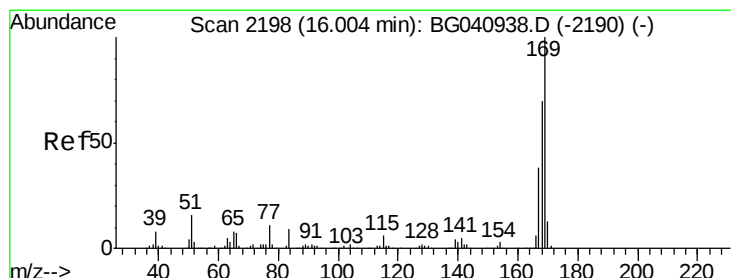
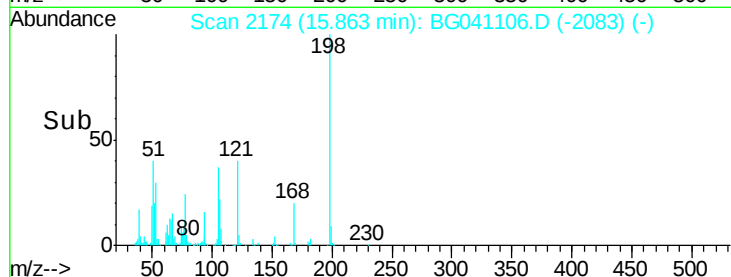
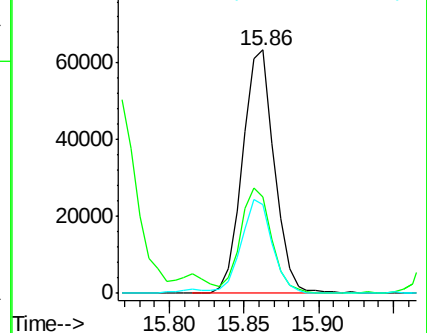
mohammad
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.312 ng

RT: 15.99 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

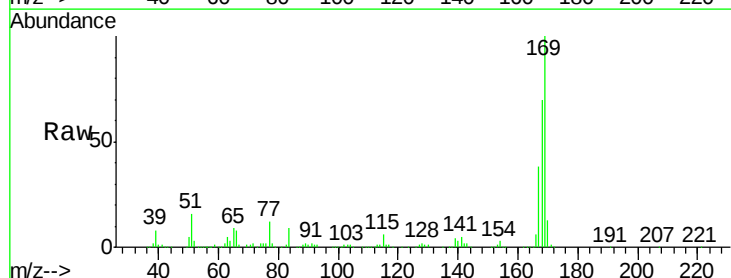
Tgt Ion:169 Resp: 397567

Ion Ratio Lower Upper

169 100

168 70.3 55.4 83.0

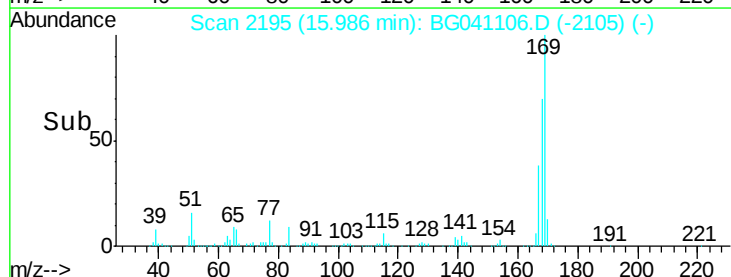
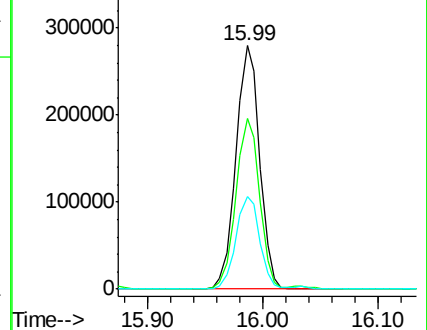
167 37.8 30.2 45.4

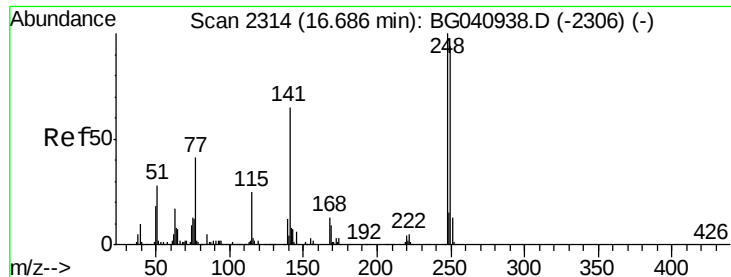


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





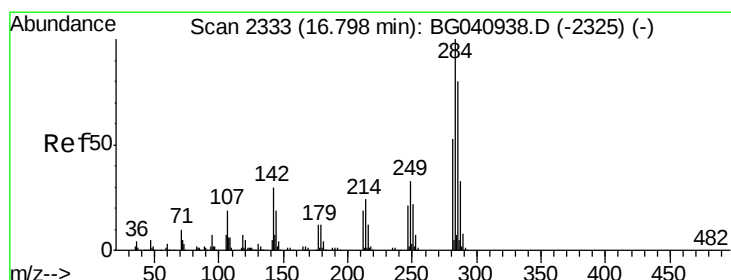
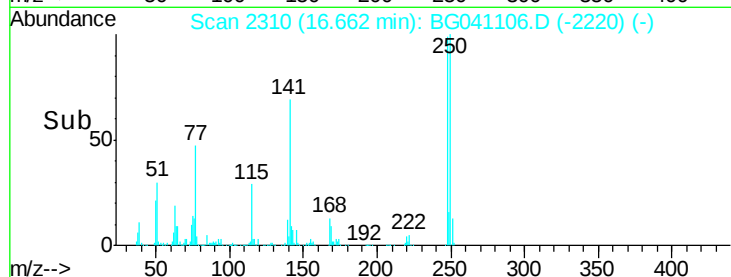
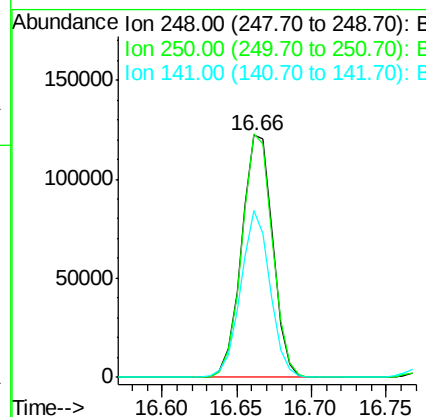
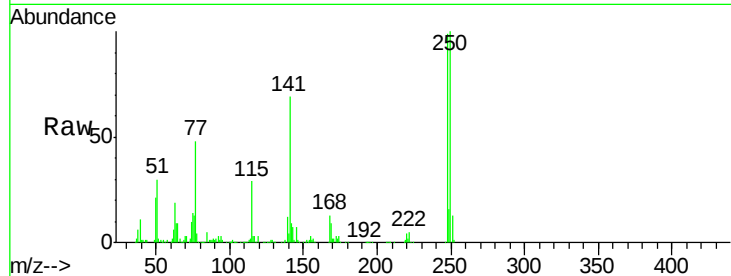
#67
4-Bromophenyl-phenylether
Concen: 37.182 ng
RT: 16.66 min Scan# 2310
Delta R.T. -0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Instrument :
BNA_G
ClientSampleId :
S-8CMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.7	80.9	121.3
141	69.1	56.1	84.1

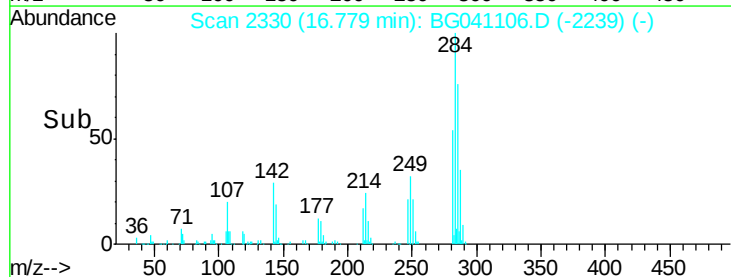
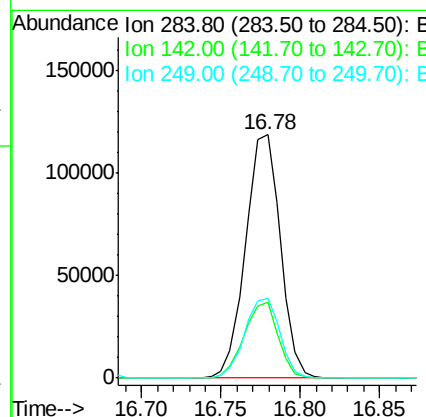
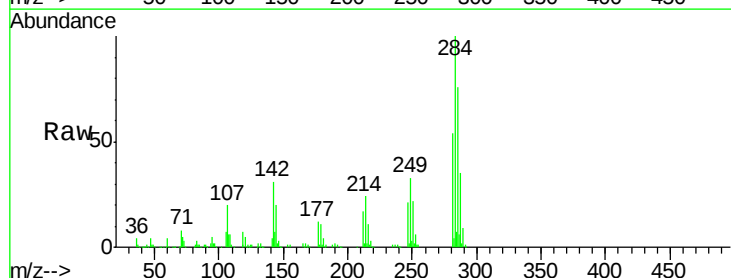
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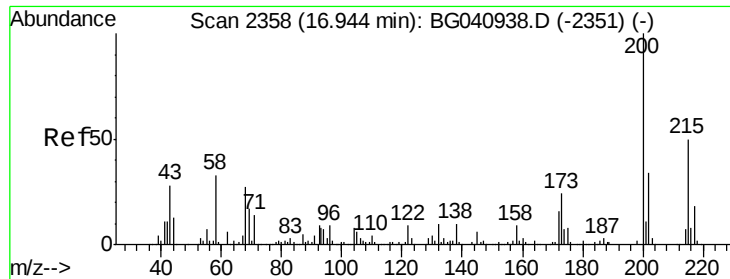
mohammad
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#68
Hexachlorobenzene
Concen: 35.885 ng
RT: 16.78 min Scan# 2330
Delta R.T. 0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.9	24.2	36.2
249	32.6	26.7	40.1





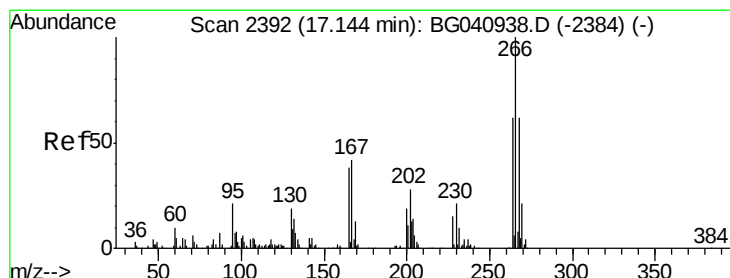
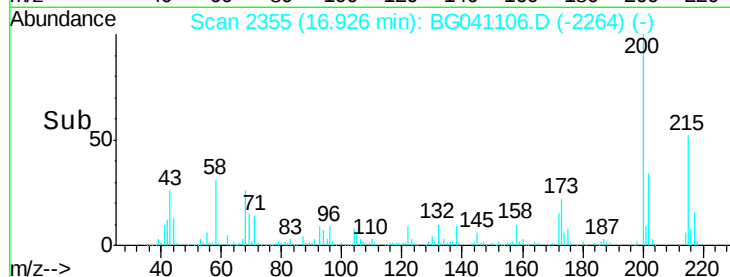
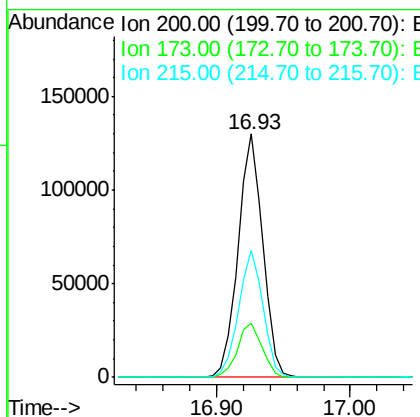
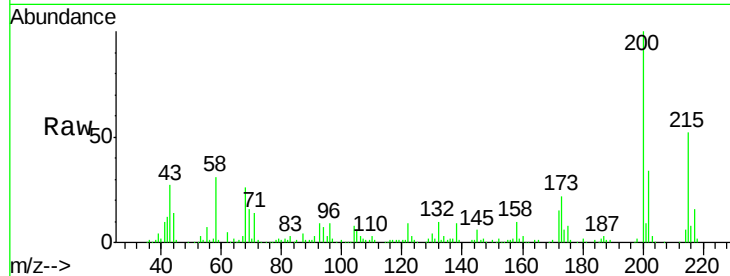
#69
Atrazine
Concen: 43.663 ng
RT: 16.93 min Scan# 2355
Delta R.T. 0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Instrument :
BNA_G
ClientSampleId :
S-8CMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.0	4.5	44.5
215	52.2	32.2	72.2

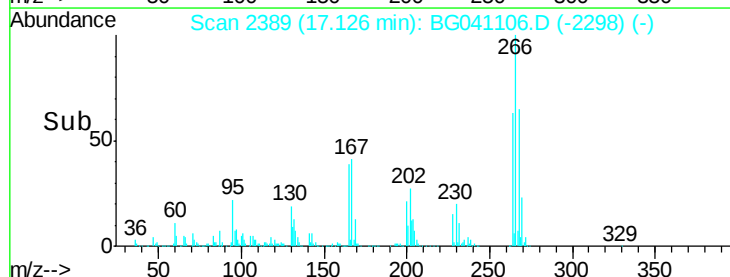
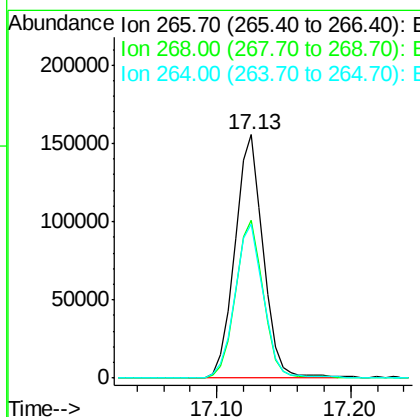
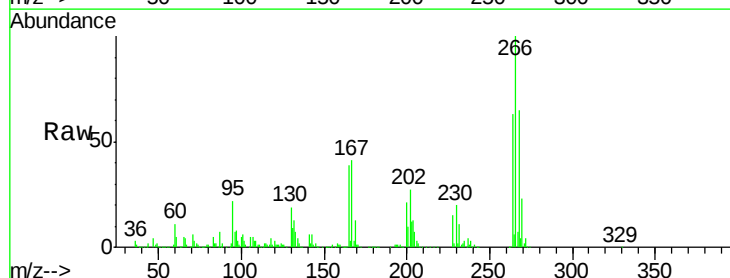
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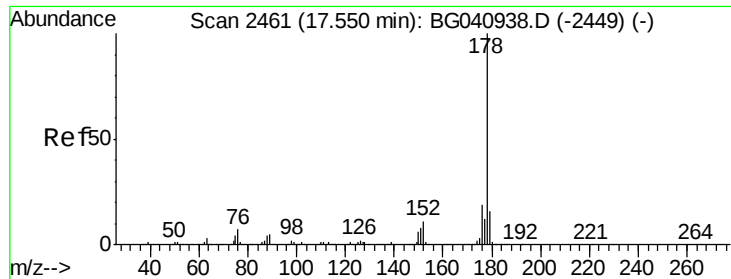
mohammad
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#70
Pentachlorophenol
Concen: 84.179 ng
RT: 17.13 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.7	52.4	78.6
264	63.2	50.5	75.7





#71

Phenanthrene

Concen: 39.917 ng

RT: 17.53 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

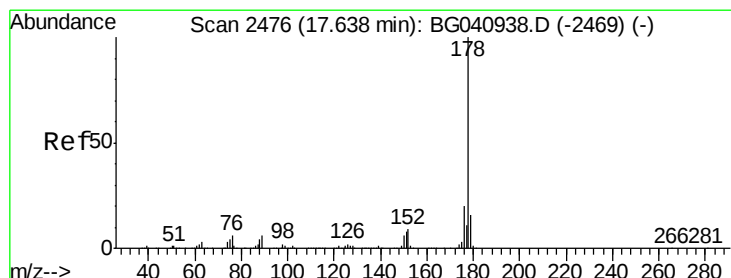
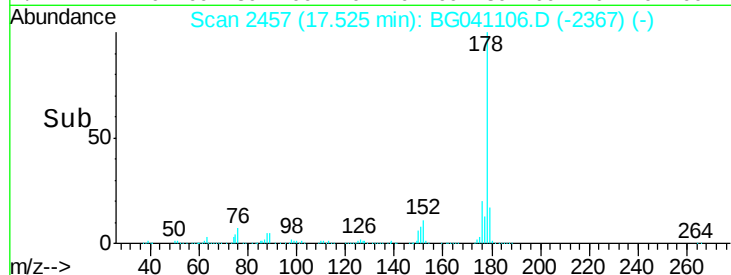
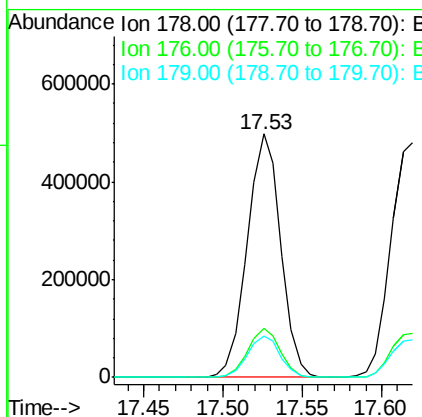
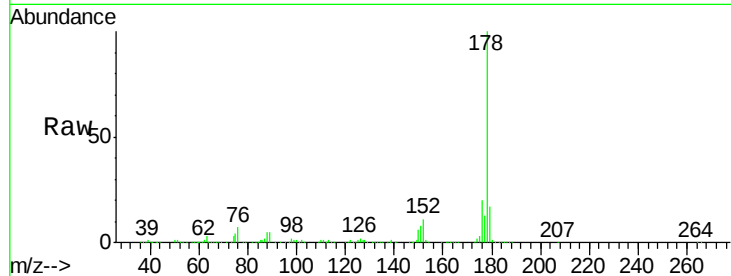
ClientSampleId :

S-8CMSD

Tot Ion:	178	Resp:	729453
Ion Ratio	Lower	Upper	
178	100		
176	20.1	16.4	24.6
179	16.9	13.5	20.3

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#72

Anthracene

Concen: 40.665 ng

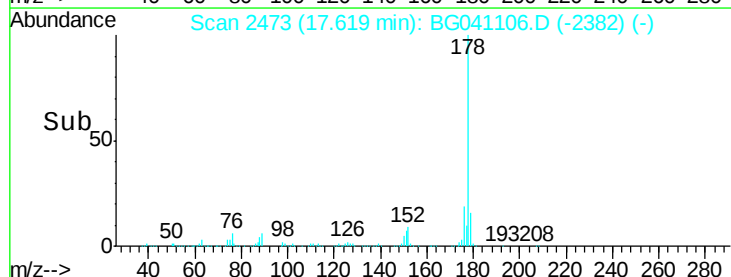
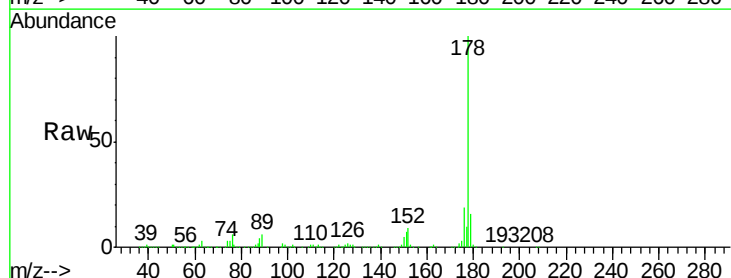
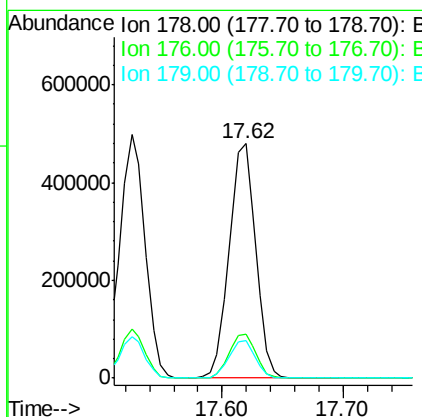
RT: 17.62 min Scan# 2473

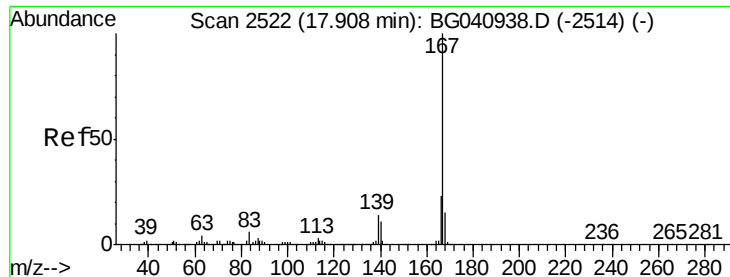
Delta R.T. 0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Tgt Ion:	178	Resp:	732909
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.0	22.6
179	16.2	13.0	19.6





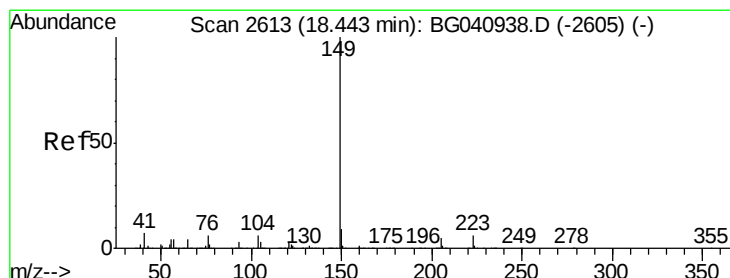
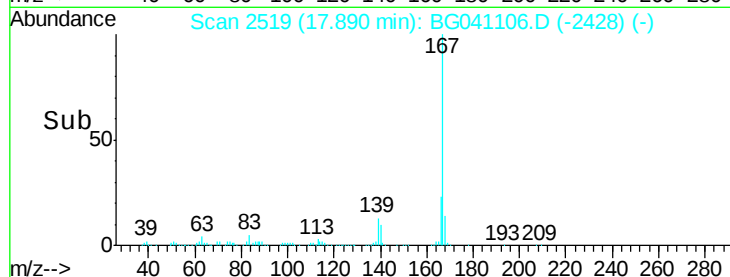
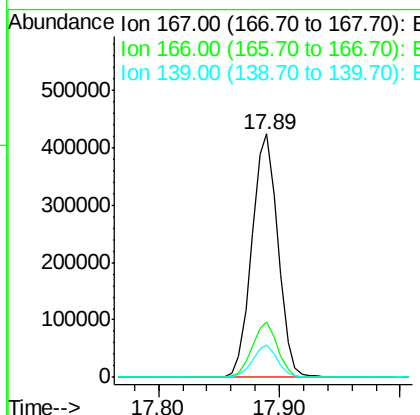
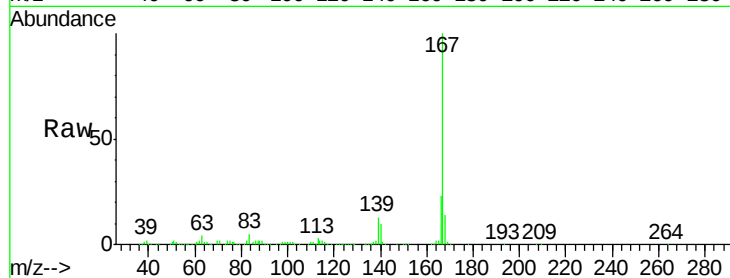
#73
 Carbazole
 Concen: 41.266 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 S-8CMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.4	26.2
139	13.4	10.6	15.8

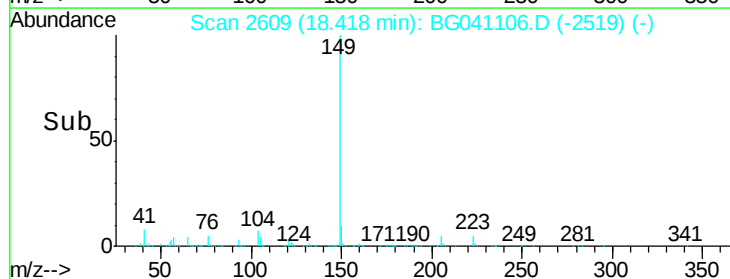
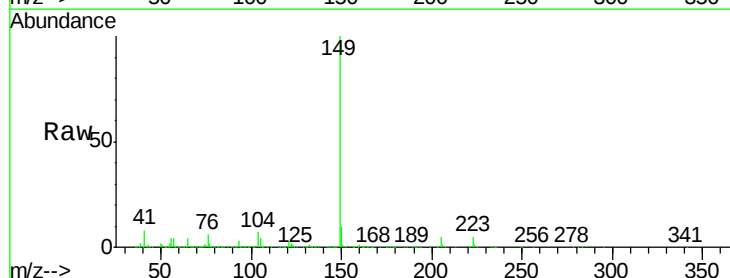
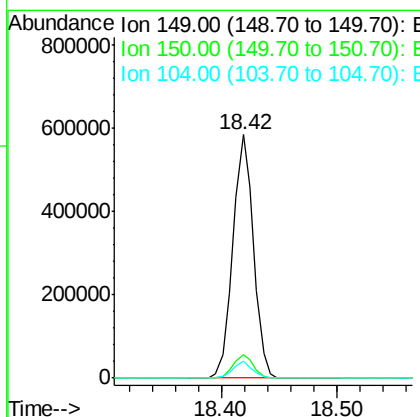
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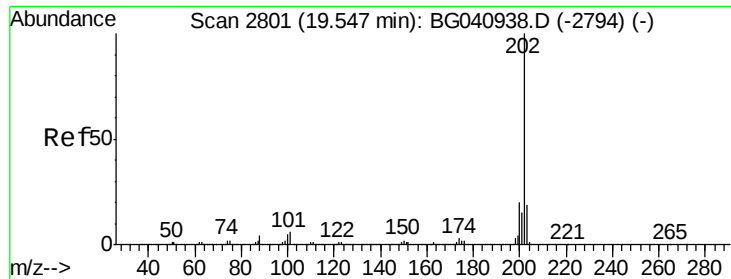
mohammad
 6/11/2019 8:54:25 AM



#74
 Di-n-butylphthalate
 Concen: 37.338 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. -0.00 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.5	11.3
104	6.9	5.3	7.9





#75

Fluoranthene

Concen: 40.139 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

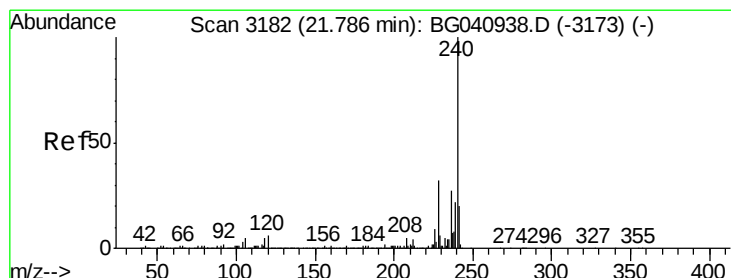
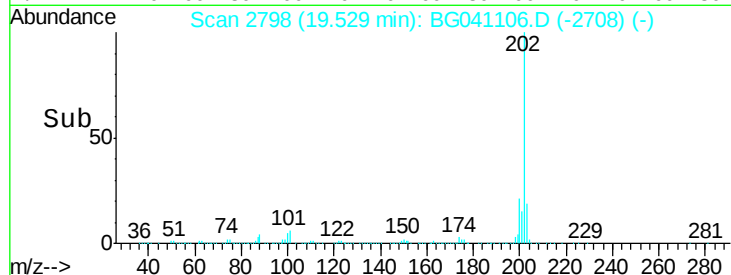
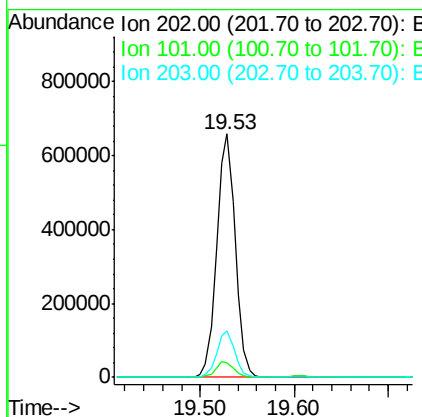
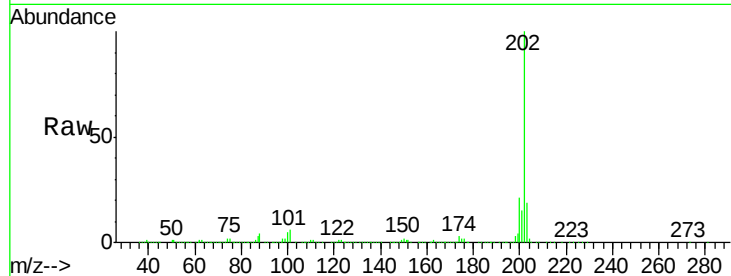
ClientSampleId :

S-8CMSD

Tot Ion:	202	Resp:	906006
Ion Ratio		Lower	Upper
202	100		
101	6.1	0.0	26.0
203	19.0	0.0	39.5

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

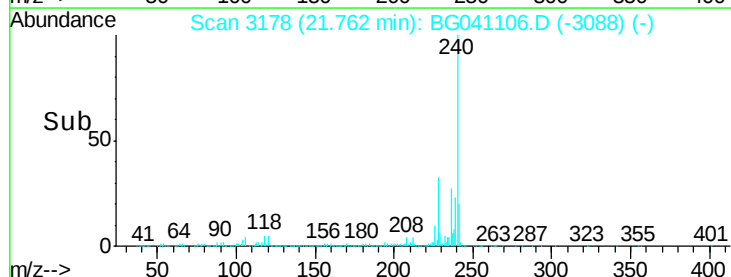
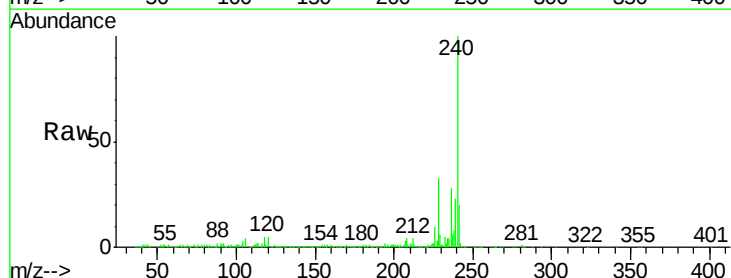
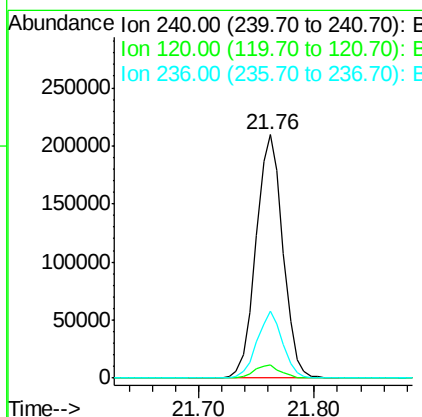
RT: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Tgt Ion:	240	Resp:	340070
Ion Ratio		Lower	Upper
240	100		
120	5.4	4.6	6.8
236	27.5	20.6	31.0





#77

Benzidine

Concen: 23.797 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

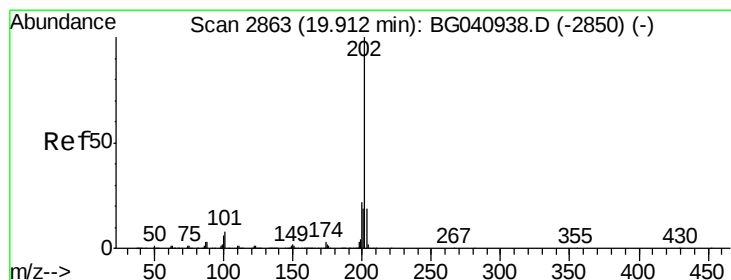
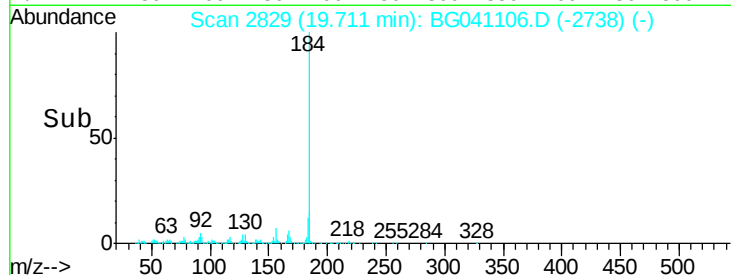
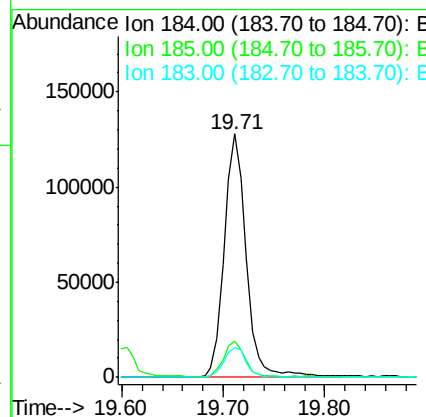
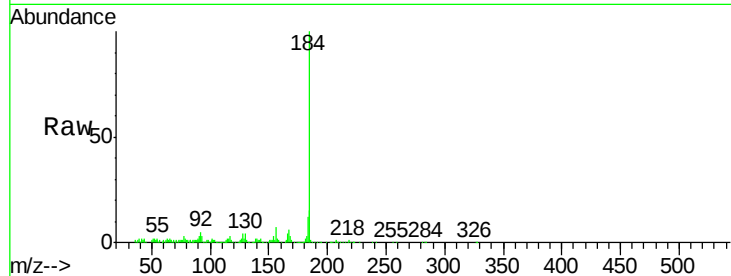
ClientSampleId :

S-8CMSD

Tot Ion:	184	Resp:	193056
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.6	18.8
183	12.3	10.2	15.4

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#78

Pyrene

Concen: 40.591 ng

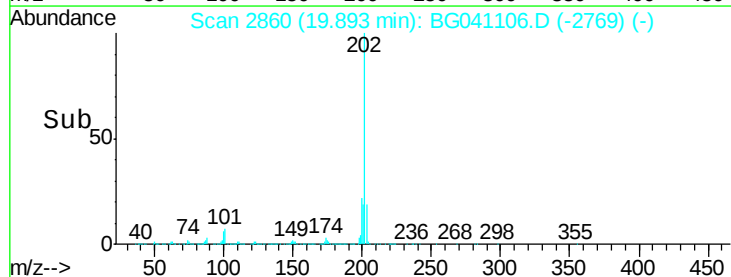
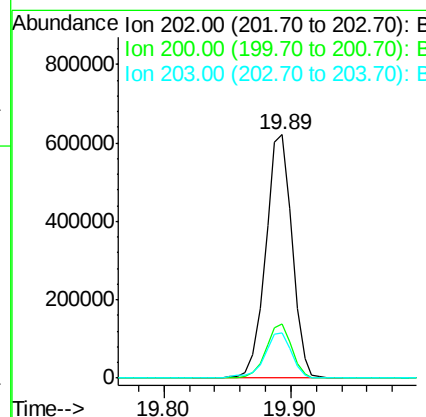
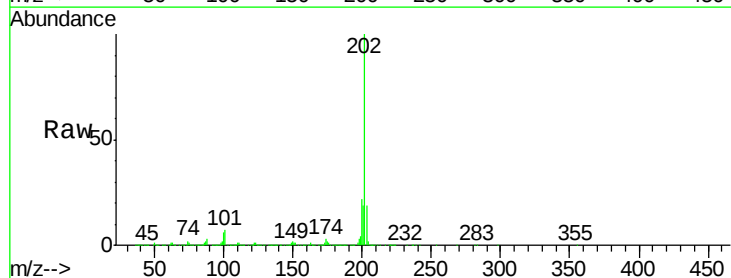
RT: 19.89 min Scan# 2860

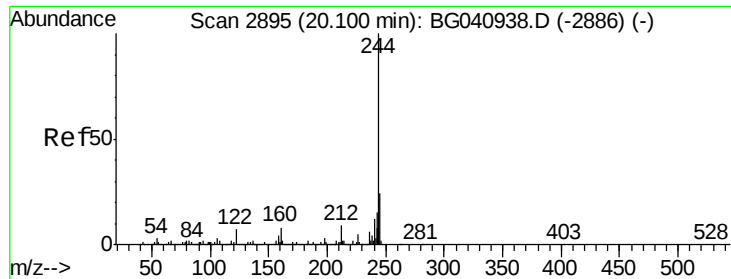
Delta R.T. 0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Tgt Ion:	202	Resp:	897344
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.2	25.8
203	18.7	13.9	20.9





#79

Terphenyl-d14

Concen: 73.092 ng

RT: 20.08 min Scan# 2891

Delta R.T. -0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

ClientSampleId :

S-8CMSD

Tot Ion:244 Resp: 1171172

Ion Ratio Lower Upper

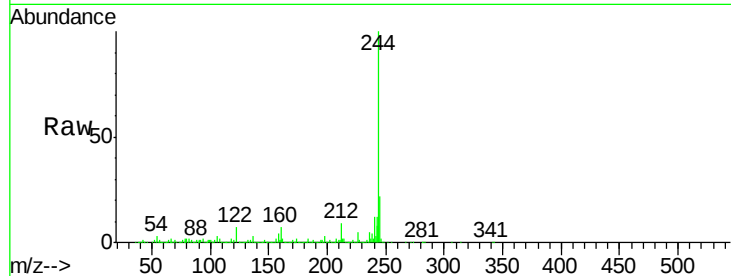
244 100

212 8.7 6.9 10.3

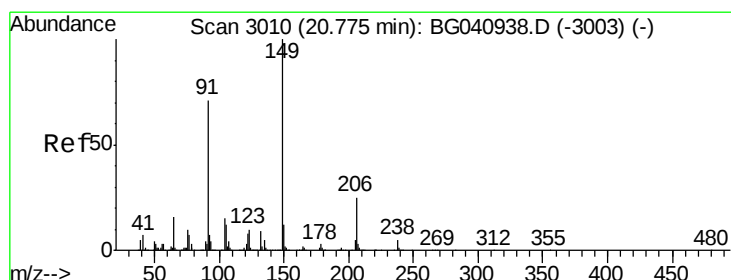
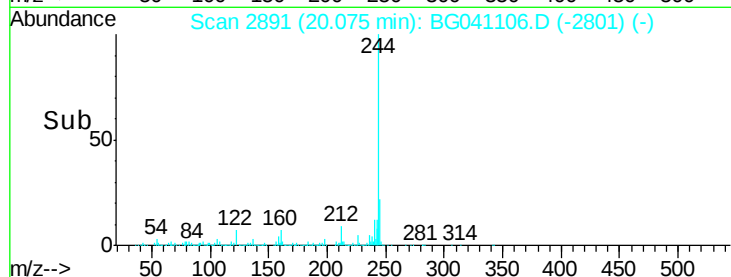
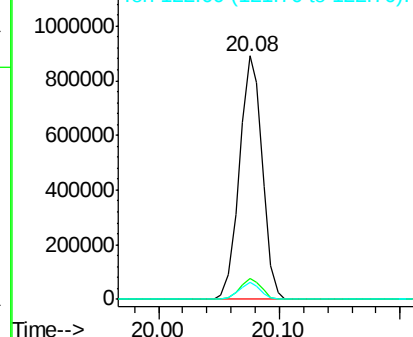
122 7.1 5.4 8.0

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



#80

Butylbenzylphthalate

Concen: 41.309 ng

RT: 20.76 min Scan# 3007

Delta R.T. -0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

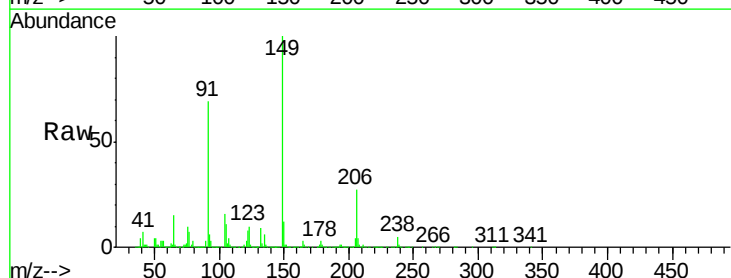
Tgt Ion:149 Resp: 355382

Ion Ratio Lower Upper

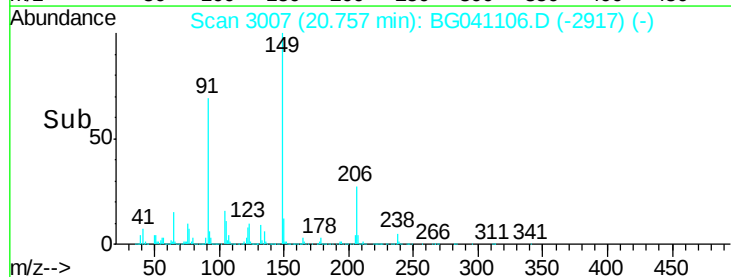
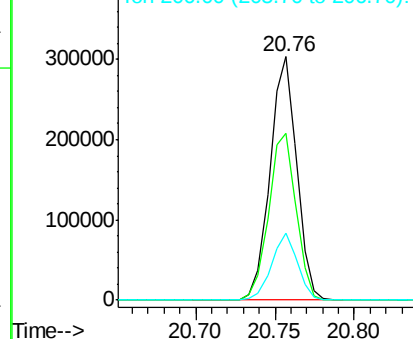
149 100

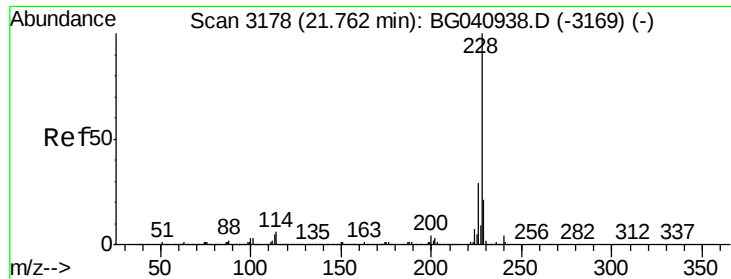
91 68.8 54.4 81.6

206 27.3 22.2 33.2



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





#81

Benzo(a)anthracene

Concen: 38.596 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

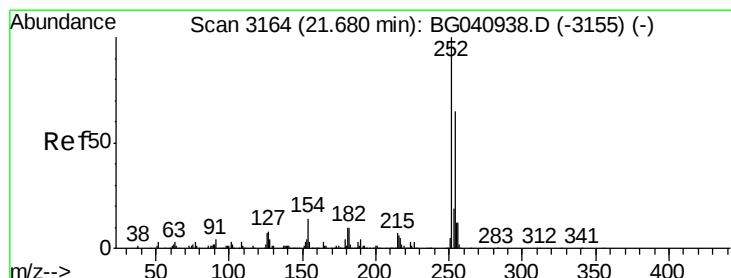
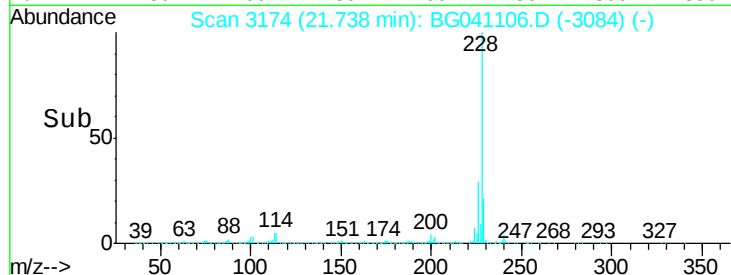
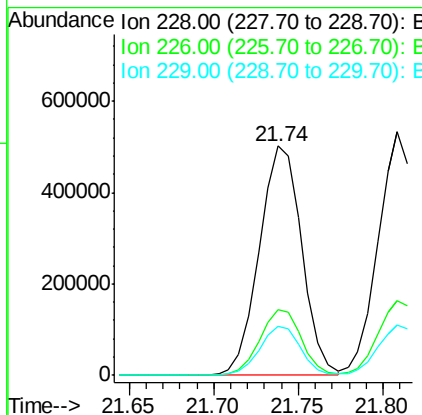
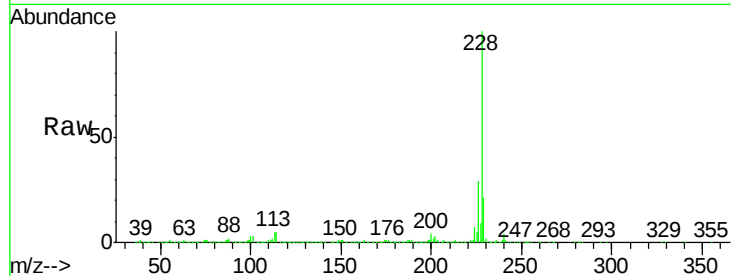
ClientSampleId :

S-8CMSD

Tot Ion:	228	Resp:	873711
Ion Ratio	Lower	Upper	
228	100		
226	28.9	22.2	33.4
229	21.2	16.6	25.0

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#82

3,3'-Dichlorobenzidine

Concen: 22.503 ng

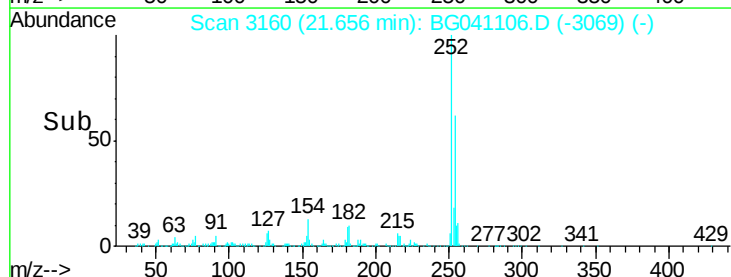
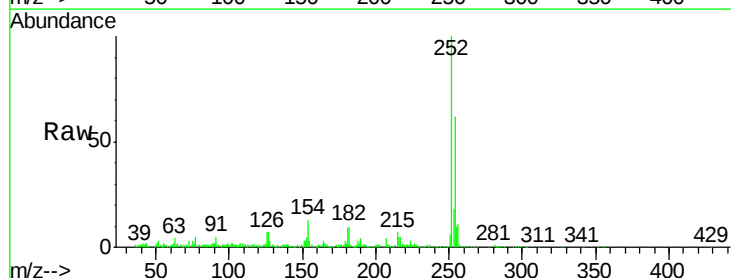
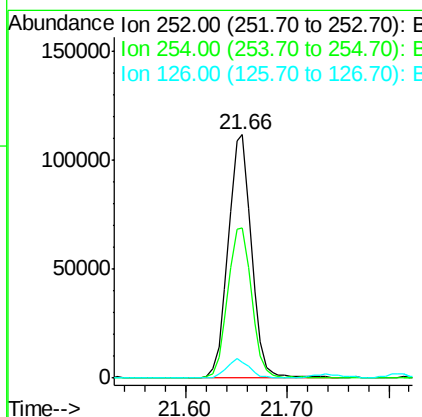
RT: 21.66 min Scan# 3160

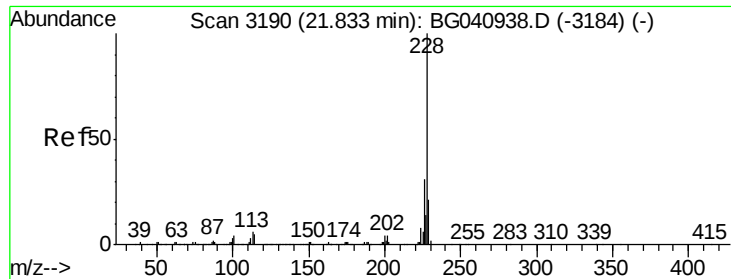
Delta R.T. 0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Tgt Ion:	252	Resp:	179167
Ion Ratio	Lower	Upper	
252	100		
254	61.8	52.3	78.5
126	6.5	6.2	9.2





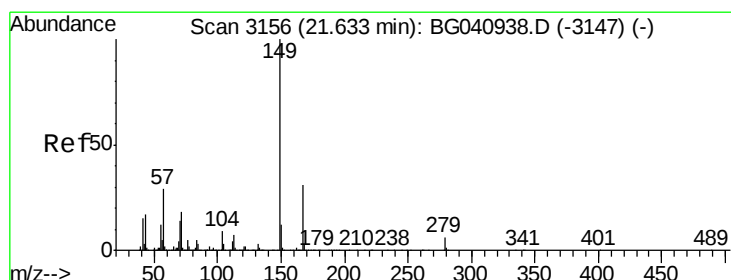
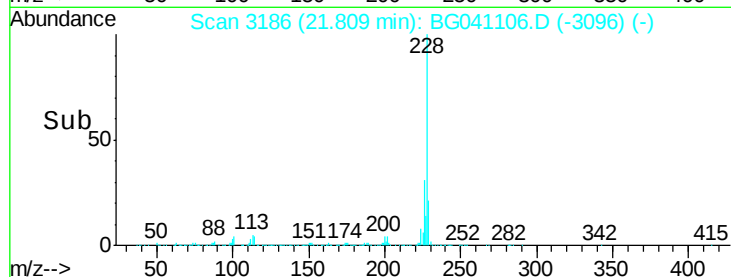
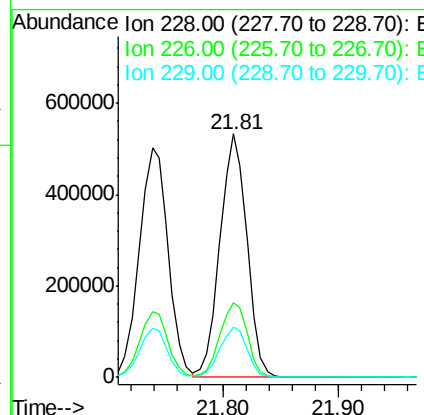
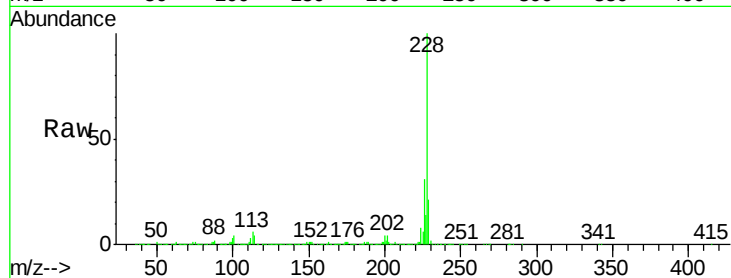
#83
Chrysene
Concen: 39.523 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Instrument :
BNA_G
ClientSampleId :
S-8CMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.8	38.6
229	20.7	17.0	25.4

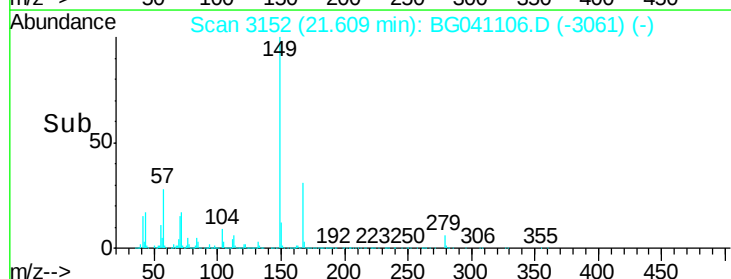
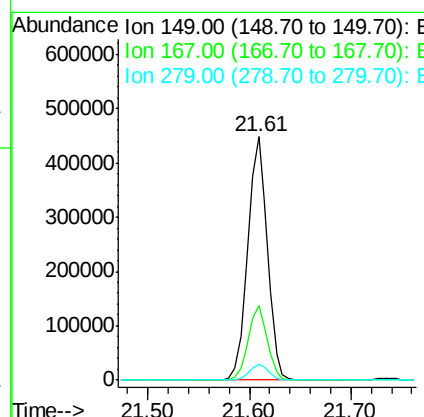
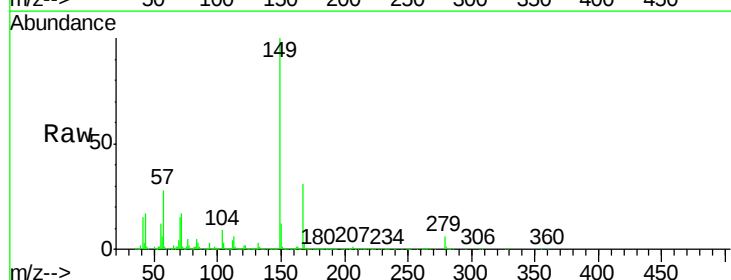
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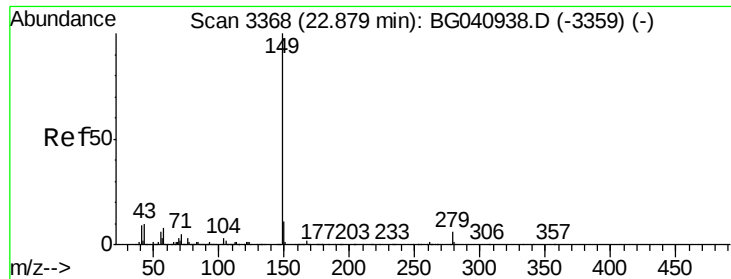
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#84
Bis(2-ethylhexyl)phthalate
Concen: 49.284 ng
RT: 21.61 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.7	24.4	36.6
279	6.4	4.9	7.3





#85

Di-n-octyl phthalate

Concen: 39.532 ng

RT: 22.85 min Scan# 3363

Delta R.T. -0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

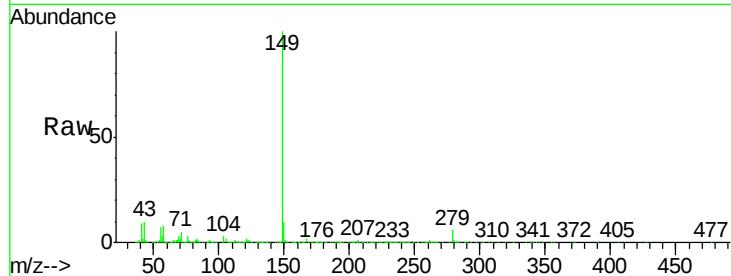
ClientSampleId :

S-8CMSD

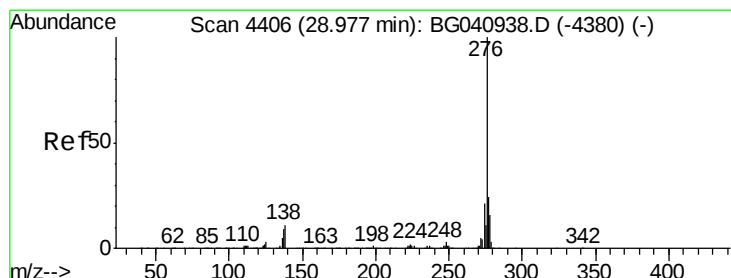
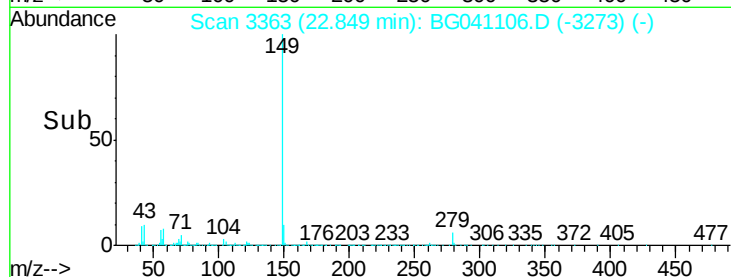
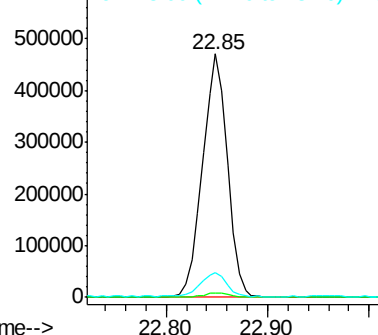
Tot Ion:	149	Resp:	797337
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	10.0	8.0	12.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.763 ng

RT: 28.91 min Scan# 4395

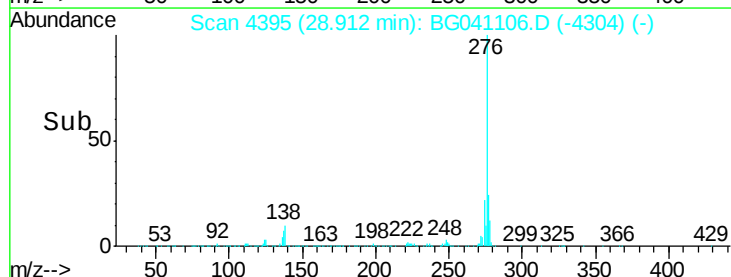
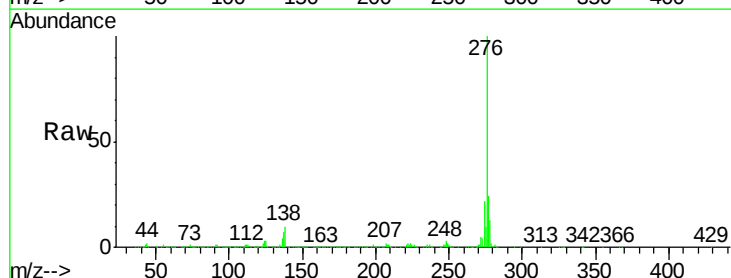
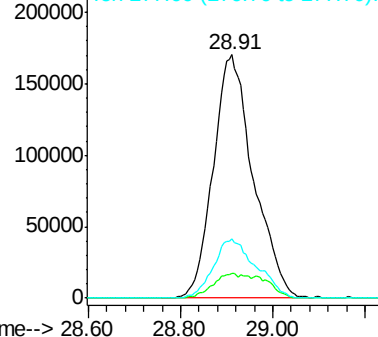
Delta R.T. 0.00 min

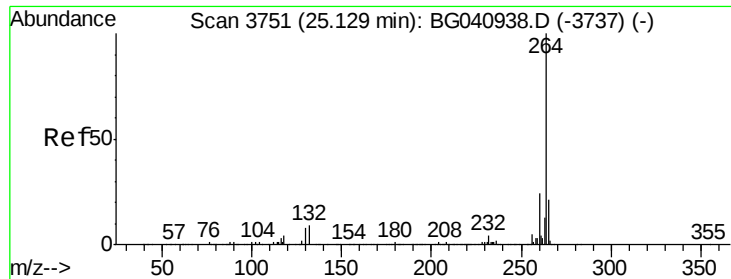
Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Tgt Ion:	276	Resp:	1028628
Ion Ratio	Lower	Upper	
276	100		
138	6.2	7.4	11.0#
277	25.7	20.6	31.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3744

Delta R.T. 0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

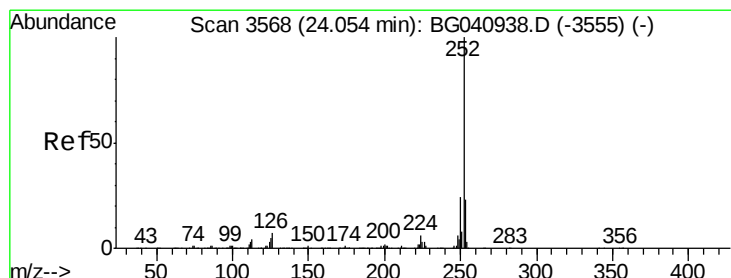
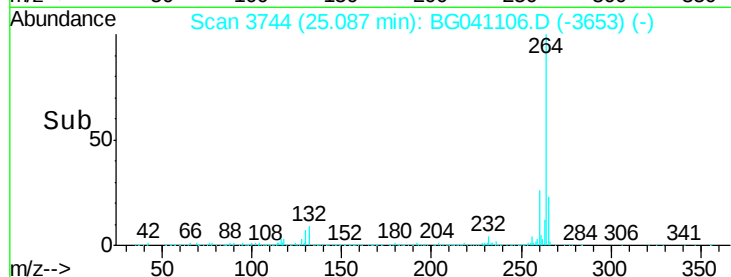
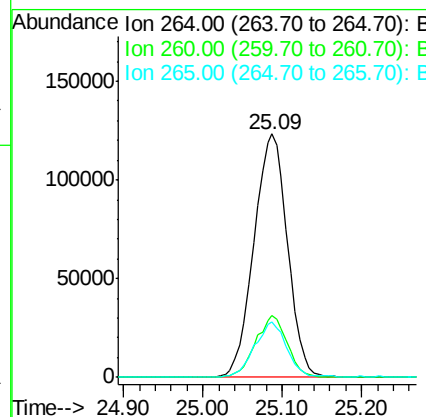
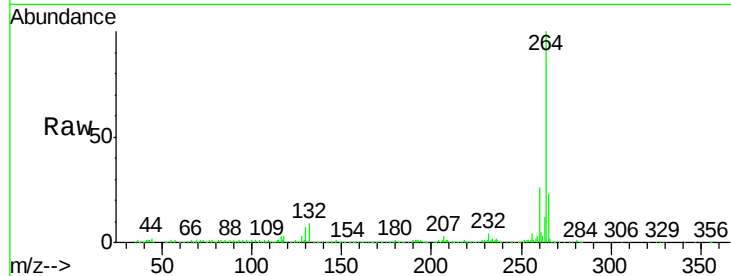
ClientSampleId :

S-8CMSD

Tot Ion:	264	Resp:	362658
Ion Ratio	Lower	Upper	
264	100		
260	25.5	19.1	28.7
265	22.9	17.6	26.4

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#88

Benzo(b)fluoranthene

Concen: 39.202 ng

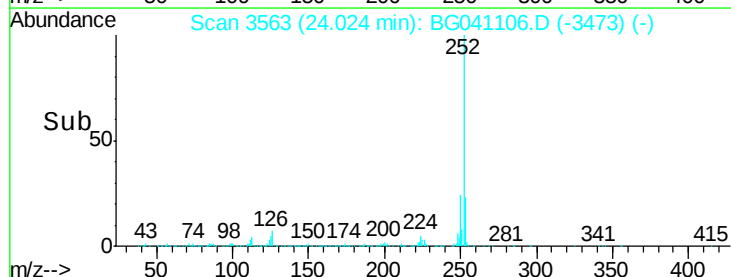
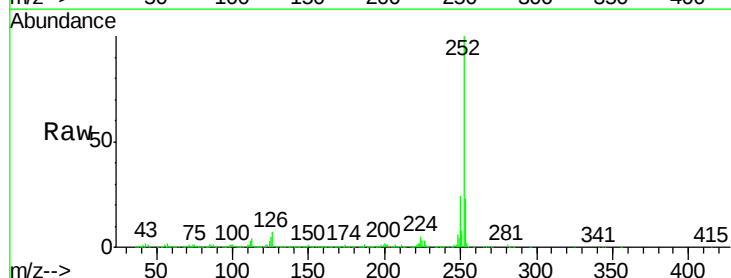
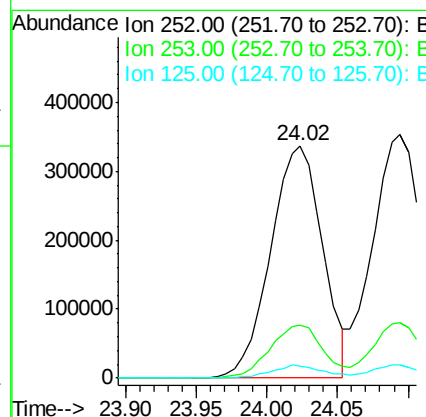
RT: 24.02 min Scan# 3563

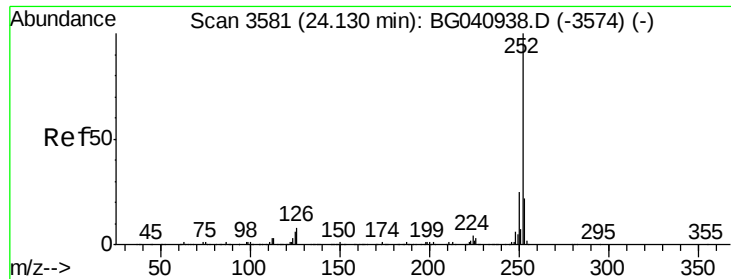
Delta R.T. -0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Tgt Ion:	252	Resp:	862310
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.6
125	5.2	4.1	6.1





#89

Benzo(k)fluoranthene

Concen: 39.346 ng

RT: 24.09 min Scan# 3575

Delta R.T. -0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

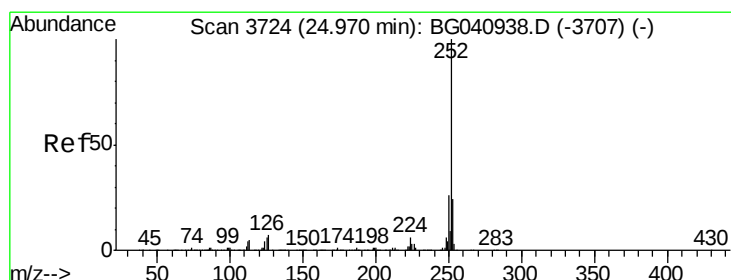
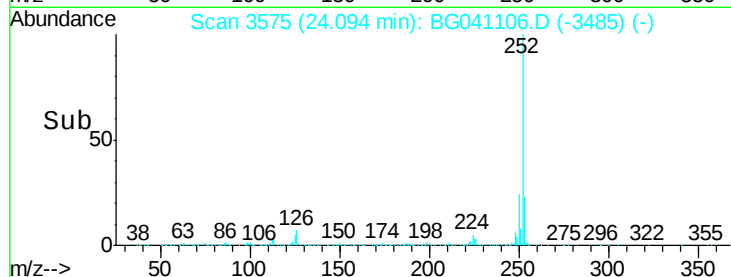
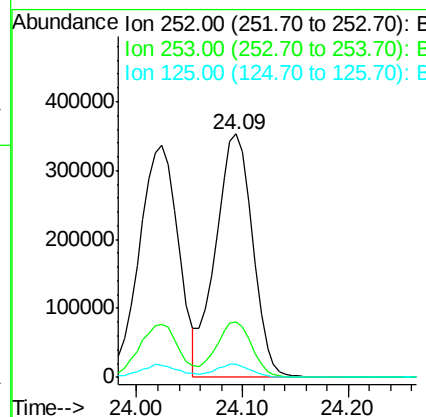
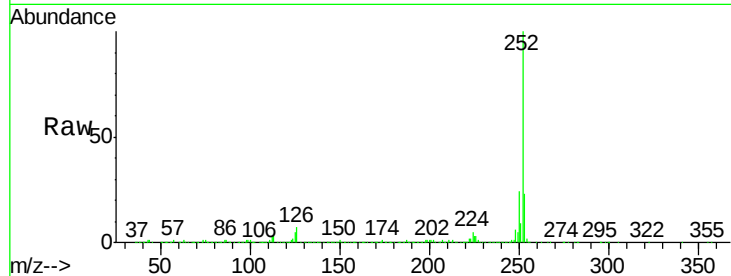
ClientSampleId :

S-8CMSD

Tot Ion:	252	Resp:	856445
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.6	27.8
125	5.2	4.1	6.1

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#90

Benzo(a)pyrene

Concen: 40.730 ng

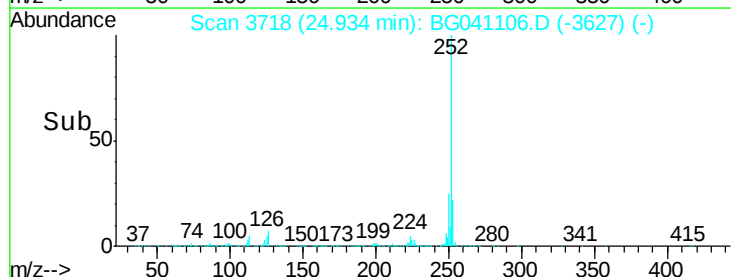
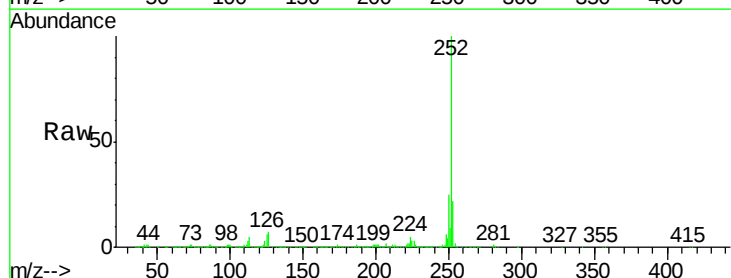
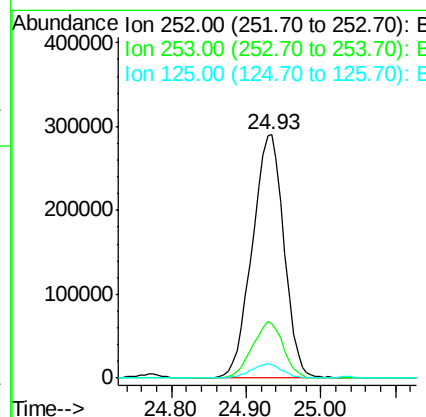
RT: 24.93 min Scan# 3718

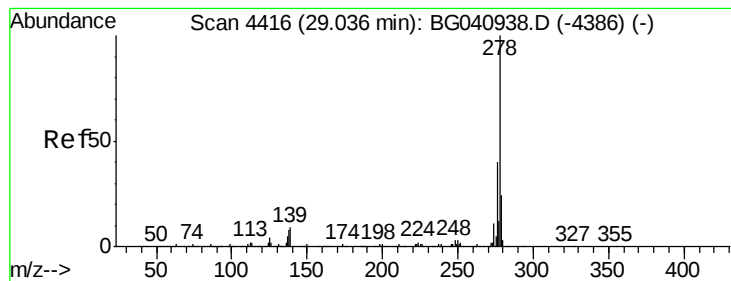
Delta R.T. 0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Tgt Ion:	252	Resp:	854758
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	5.5	4.7	7.1





#91

Dibenzo(a,h)anthracene

Concen: 39.769 ng

RT: 28.97 min Scan# 4405

Delta R.T. -0.01 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

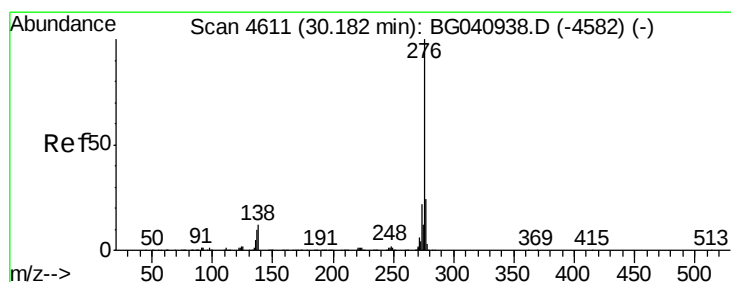
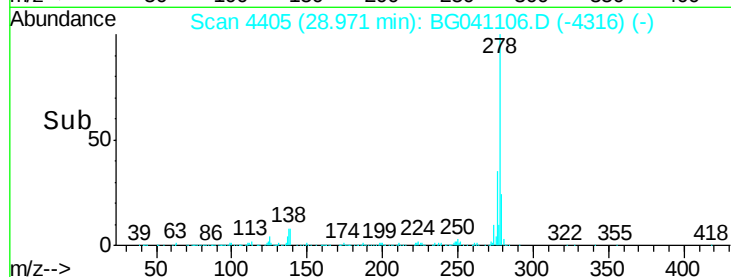
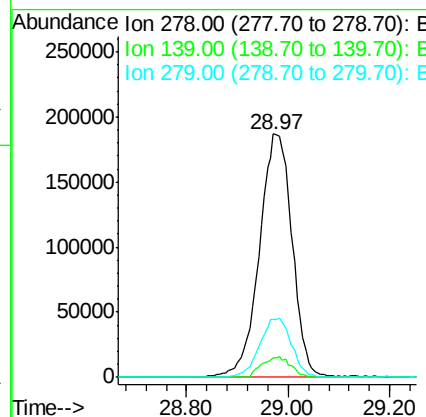
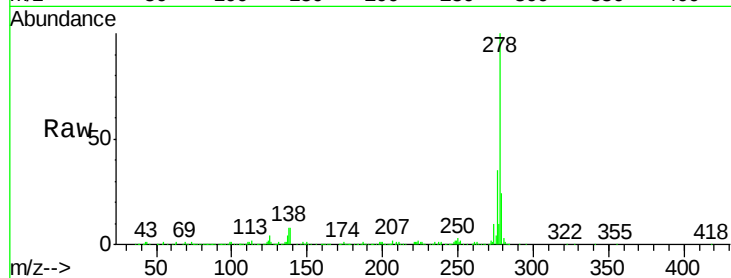
ClientSampleId :

S-8CMSD

Tot Ion:	278	Resp:	833943
Ion Ratio	Lower	Upper	
278	100		
139	7.9	7.0	10.6
279	23.7	19.4	29.2

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#92

Benzo(g,h,i)perylene

Concen: 41.831 ng

RT: 30.12 min Scan# 4600

Delta R.T. 0.00 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Tgt Ion:	276	Resp:	852214
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.7	28.1
138	10.4	9.1	13.7

