

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\
 Data File : BG041236.D
 Acq On : 14 Jun 2019 1:14
 Operator : HP/JU
 Sample : K3159-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061119-AMSD

Manual Integrations
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mohammad
 6/17/2019 4:54:04 PM

Quant Time: Jun 14 09:16:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	39507	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	164118	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	115560	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	291858	20.00	ng	0.00
76) Chrysene-d12	21.76	240	285573	20.00	ng	0.00
87) Perylene-d12	25.08	264	271446	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	300788	137.29	ng	0.00
7) Phenol-d6	7.25	99	408833	120.83	ng	0.00
23) Nitrobenzene-d5	9.28	82	347144	93.90	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	250633	146.09	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	793442	98.88	ng	0.00
79) Terphenyl-d14	20.08	244	1368186	101.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	32561	32.751	ng	# 1
3) Pyridine	3.92	79	90013	30.598	ng	98
4) n-Nitrosodimethylamine	3.83	42	59074	43.267	ng	# 83
6) Aniline	7.43	93	30707	6.799	ng	97
8) 2-Chlorophenol	7.66	128	117512	44.989	ng	96
9) Benzaldehyde	7.24	77	32397	16.050	ng	95
10) Phenol	7.28	94	136460	37.613	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	112732	42.833	ng	97
12) 1,3-Dichlorobenzene	7.99	146	131163	42.044	ng	92
13) 1,4-Dichlorobenzene	8.14	146	136204	43.133	ng	97
14) 1,2-Dichlorobenzene	8.45	146	128533	41.921	ng	97
15) Benzyl Alcohol	8.34	79	131772	42.099	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	174089	40.479	ng	99
17) 2-Methylphenol	8.54	107	108090	41.149	ng	96
18) Hexachloroethane	9.18	117	52733	43.328	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	106066	40.733	ng	98
20) 3+4-Methylphenols	8.87	107	142431	39.144	ng	96
22) Acetophenone	8.94	105	202949	44.083	ng	97
24) Nitrobenzene	9.33	77	171223	45.448	ng	98
25) Isophorone	9.84	82	300253	42.677	ng	98
26) 2-Nitrophenol	10.03	139	75664	48.717	ng	94
27) 2,4-Dimethylphenol	10.08	122	116474	45.407	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	159193	41.924	ng	96
29) 2,4-Dichlorophenol	10.57	162	139596	42.856	ng	98
30) 1,2,4-Trichlorobenzene	10.78	180	159858	43.140	ng	94
31) Naphthalene	10.97	128	397548	45.116	ng	98
32) Benzoic acid	10.19	122	27799m	19.707	ng	
33) 4-Chloroaniline	11.10	127	8724	2.134	ng	# 84
34) Hexachlorobutadiene	11.23	225	121315	42.787	ng	97
35) Caprolactam	11.88	113	32581	30.289	ng	89
36) 4-Chloro-3-methylphenol	12.20	107	158765	42.678	ng	96
37) 2-Methylnaphthalene	12.57	142	294890	43.452	ng	98
38) 1-Methylnaphthalene	12.79	142	281346	43.993	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	220169	47.270	ng	99

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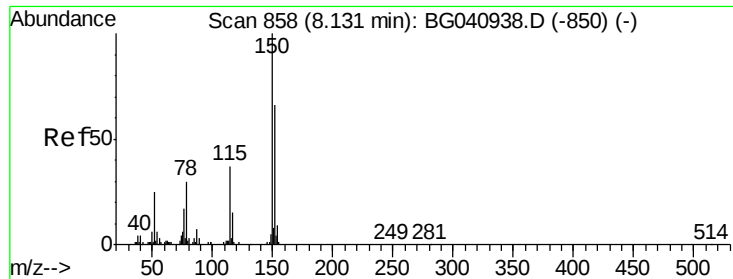
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	201988	80.605	nq	98
43) 2,4,6-Trichlorophenol	13.17	196	136480	45.295	nq	96
44) 2,4,5-Trichlorophenol	13.25	196	143771	45.243	nq	97
46) 1,1'-Biphenyl	13.57	154	400505	46.821	nq	99
47) 2-Chloronaphthalene	13.62	162	333693	45.441	nq	98
48) 2-Nitroaniline	13.83	65	118571	45.008	nq	96
49) Acenaphthylene	14.46	152	513029	46.418	nq	100
50) Dimethylphthalate	14.18	163	437594	44.734	nq	99
51) 2,6-Dinitrotoluene	14.32	165	96091	45.560	nq	97
52) Acenaphthene	14.80	154	299160	44.681	nq	95
53) 3-Nitroaniline	14.65	138	24119	11.436	nq	100
54) 2,4-Dinitrophenol	14.85	184	27477	35.654	nq	95
55) Dibenzofuran	15.13	168	531922	47.214	nq	99
56) 4-Nitrophenol	14.95	139	98173	67.864	nq	90
57) 2,4-Dinitrotoluene	15.10	165	138714	46.559	nq	92
58) Fluorene	15.78	166	415696	46.332	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	148094	47.422	nq	97
60) Diethylphthalate	15.53	149	444003	44.476	nq	98
61) 4-Chlorophenyl-phenylether	15.76	204	263451	45.175	nq	98
62) 4-Nitroaniline	15.82	138	88636	39.697	nq	92
63) Azobenzene	16.06	77	406775	44.831	nq	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	36658	27.834	nq	94
66) n-Nitrosodiphenylamine	15.99	169	368327	44.893	nq	98
67) 4-Bromophenyl-phenylether	16.66	248	169478	43.029	nq	95
68) Hexachlorobenzene	16.77	284	178892	42.653	nq	97
69) Atrazine	16.93	200	155120	49.000	nq	97
70) Pentachlorophenol	17.13	266	139621	63.092	nq	97
71) Phenanthrene	17.52	178	704355	46.332	nq	99
72) Anthracene	17.61	178	713299	47.573	nq	100
73) Carbazole	17.89	167	617307	47.983	nq	99
74) Di-n-butylphthalate	18.41	149	726967	45.464	nq	99
75) Fluoranthene	19.52	202	902869	48.082	nq	99
77) Benzidine	19.71	184	38627	5.670	nq	96
78) Pyrene	19.89	202	907422	48.880	nq	100
80) Butylbenzylphthalate	20.75	149	336603	46.593	nq	99
81) Benzo(a)anthracene	21.74	228	874939	46.026	nq	98
82) 3,3'-Dichlorobenzidine	21.65	252	67373	10.077	nq	# 97
83) Chrysene	21.81	228	852908	46.885	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	464121	45.637	nq	98
85) Di-n-octyl phthalate	22.84	149	784413	46.313	nq	100
86) Indeno(1,2,3-cd)pyrene	28.91	276	558301	25.054	nq	# 74
88) Benzo(b)fluoranthene	24.02	252	774668	47.052	nq	98
89) Benzo(k)fluoranthene	24.09	252	894605	54.909	nq	99
90) Benzo(a)pyrene	24.92	252	782122	49.792	nq	95
91) Dibenzo(a,h)anthracene	28.96	278	453410	28.888	nq	# 95
92) Benzo(g,h,i)perylene	30.09	276	409963	26.885	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

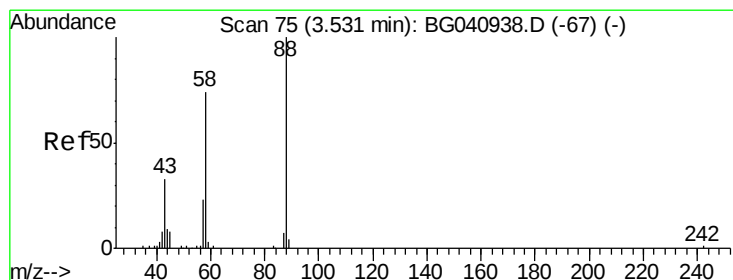
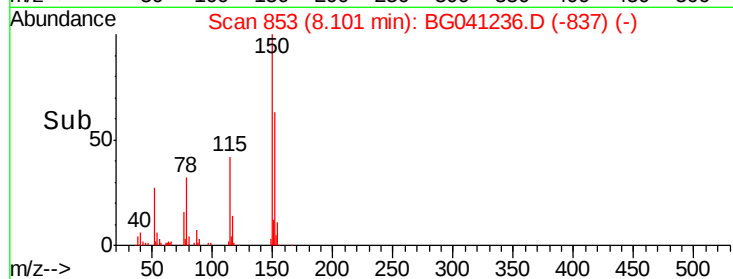
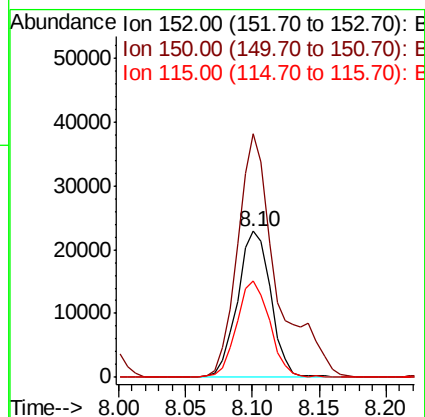
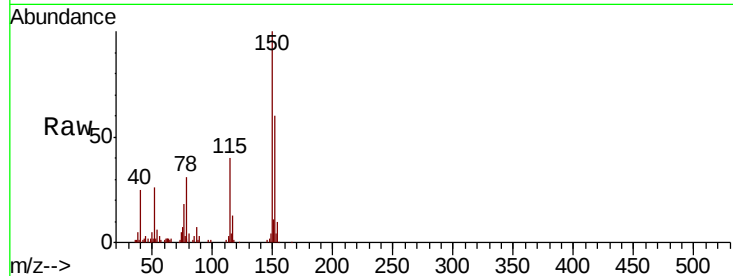
ClientSampleId :

OR-03-061119-AMSD

Tot Ion:	152	Resp:	39507
Ion Ratio	Lower	Upper	
152	100		
150	166.6	120.6	180.8
115	66.3	45.1	67.7

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#2

1,4-Dioxane

Concen: 32.751 ng

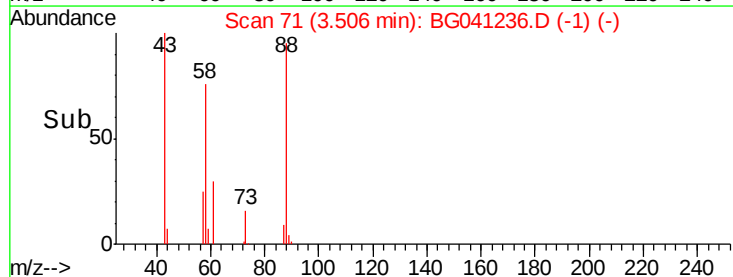
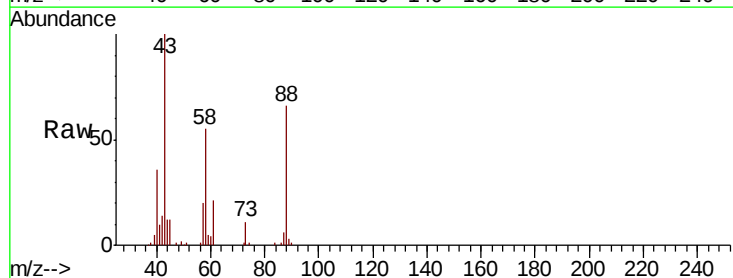
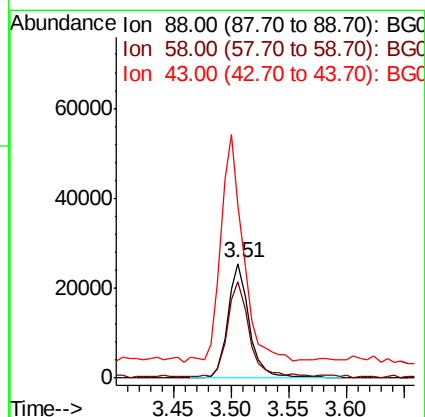
RT: 3.51 min Scan# 71

Delta R.T. 0.01 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Tgt Ion:	88	Resp:	32561
Ion Ratio	Lower	Upper	
88	100		
58	85.2	59.0	88.6
43	211.4	27.2	40.8#





#3

Pvridine

Concen: 30.598 ng

RT: 3.92 min Scan# 142

Delta R.T. 0.01 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

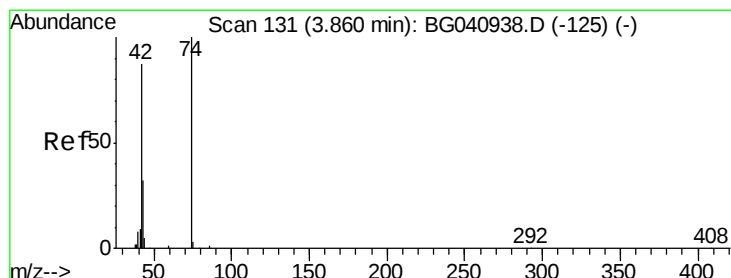
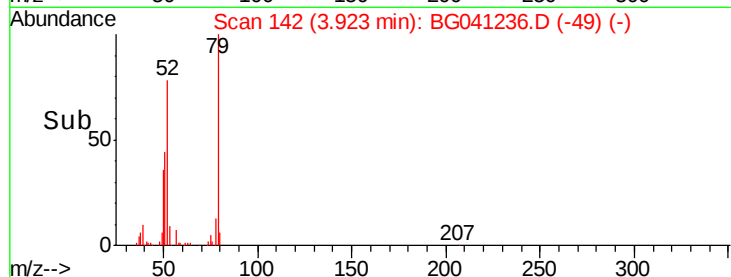
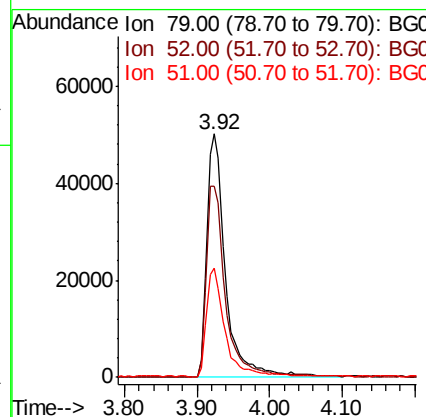
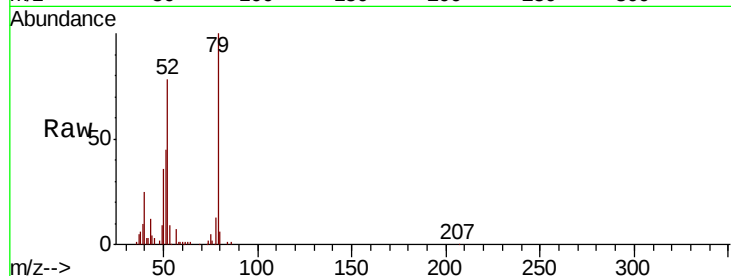
ClientSampleId :

OR-03-061119-AMSD

Tot Ion:	79	Resp:	90013
Ion Ratio	Lower	Upper	
79	100		
52	78.5	64.8	97.2
51	44.7	35.3	52.9

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#4

n-Nitrosodimethylamine

Concen: 43.267 ng

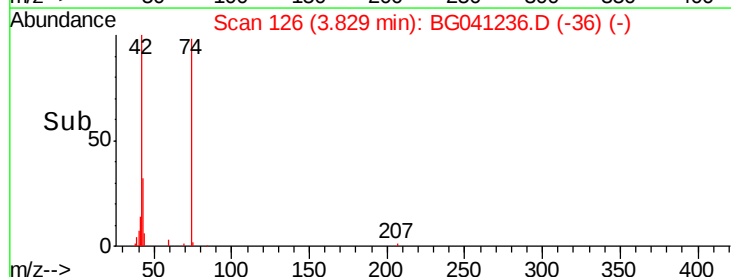
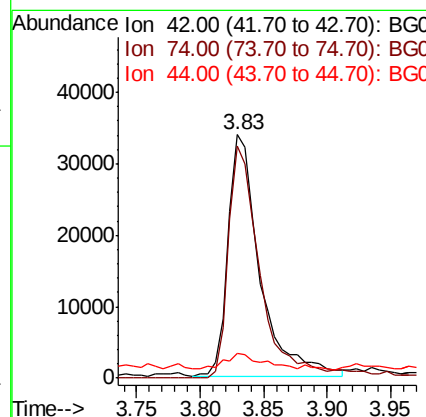
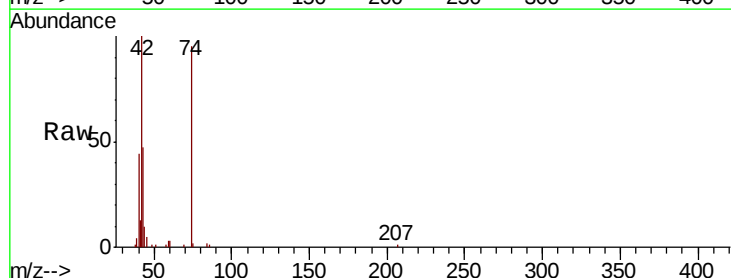
RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Tgt Ion:	42	Resp:	59074
Ion Ratio	Lower	Upper	
42	100		
74	95.5	91.8	137.6
44	9.9	6.0	9.0#





#5

2-Fluorophenol

Concen: 137.288 ng

RT: 5.64 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

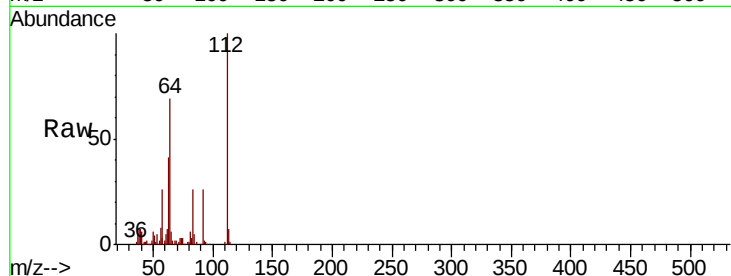
ClientSampleId :

OR-03-061119-AMSD

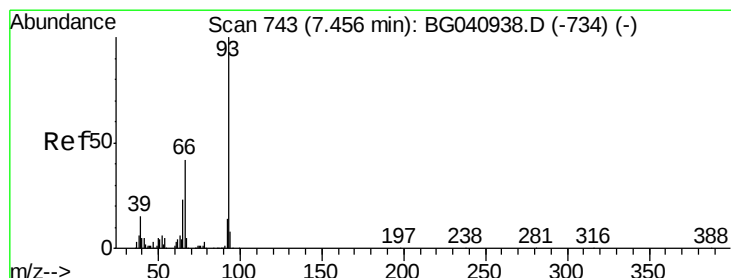
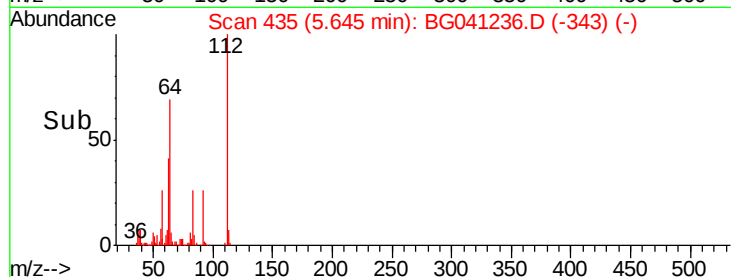
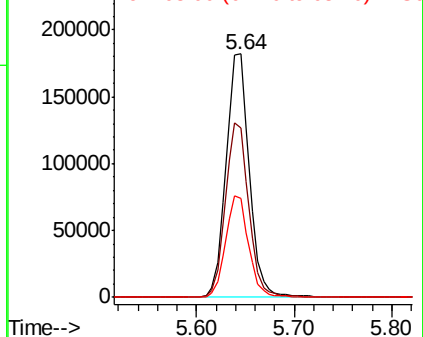
Tot Ion:	112	Resp:	300788
Ion Ratio	Lower	Upper	
112	100		
64	69.3	56.2	84.2
63	40.6	32.8	49.2

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 6.799 ng

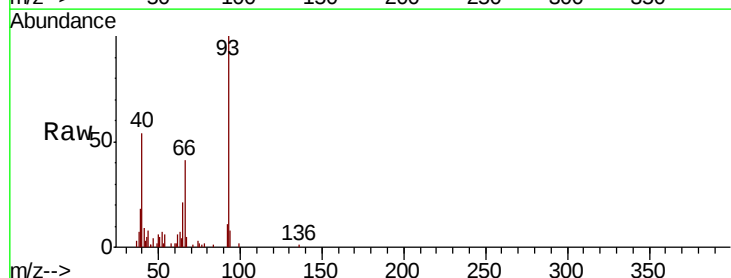
RT: 7.43 min Scan# 739

Delta R.T. 0.00 min

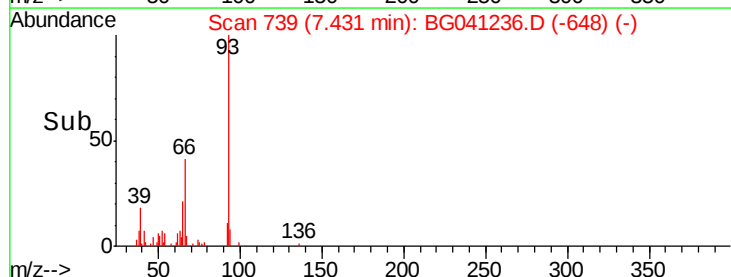
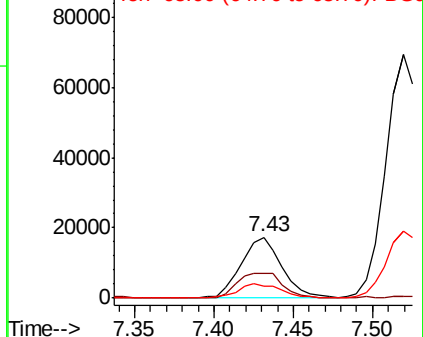
Lab File: BG041236.D

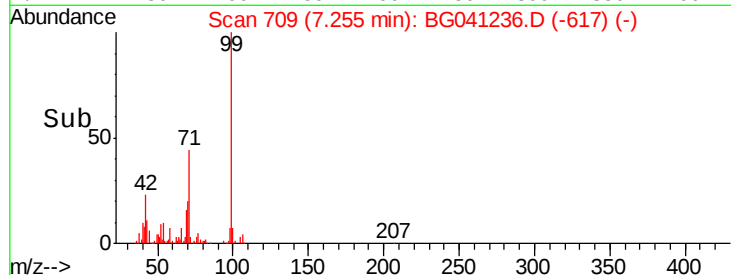
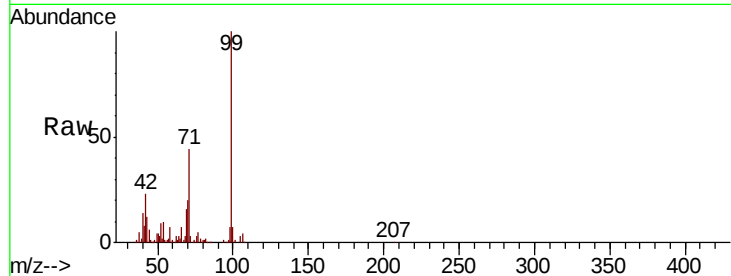
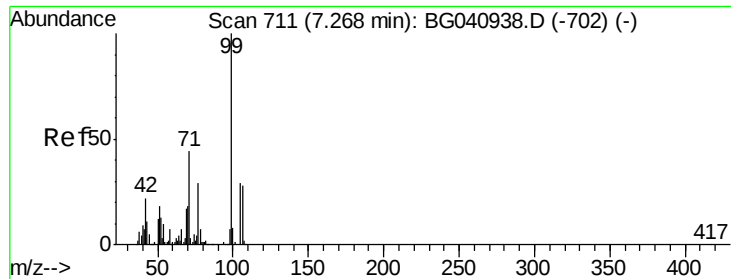
Acq: 14 Jun 2019 1:14

Tgt Ion:	93	Resp:	30707
Ion Ratio	Lower	Upper	
93	100		
66	40.7	33.8	50.8
65	20.7	18.3	27.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 120.826 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Tot Ion:	99	Resp:	408833
Ion Ratio	Lower	Upper	
99	100		
42	23.3	17.9	26.9
71	44.5	35.4	53.0

Instrument :

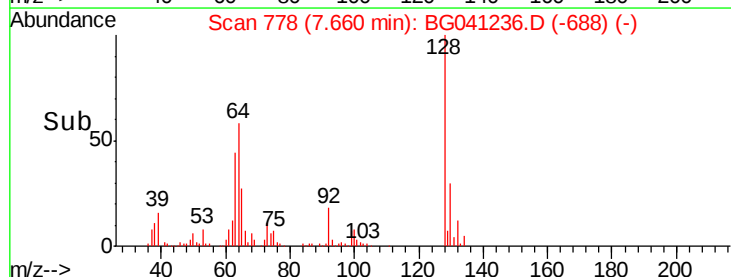
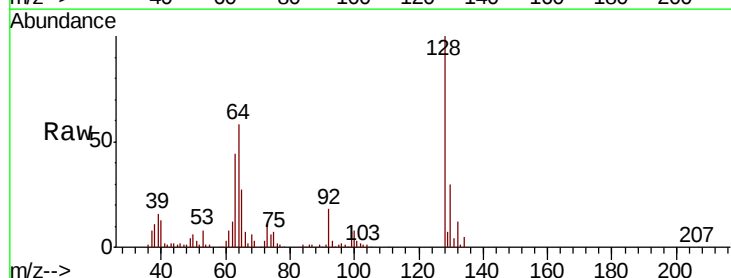
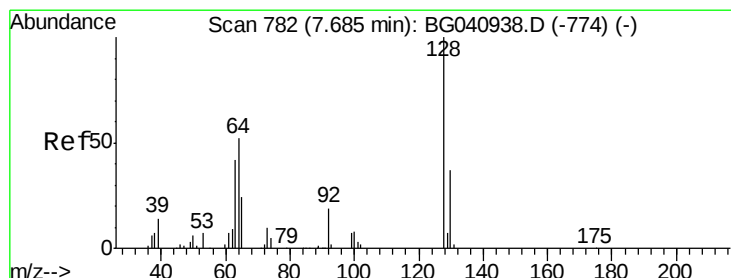
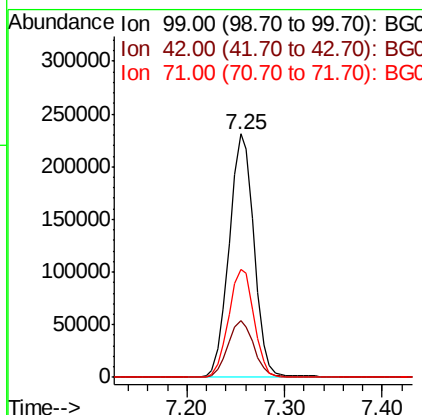
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#8

2-Chlorophenol

Concen: 44.989 ng

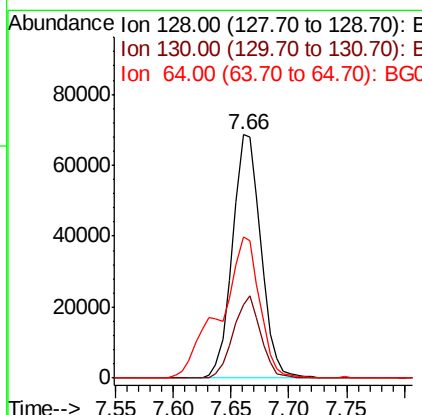
RT: 7.66 min Scan# 778

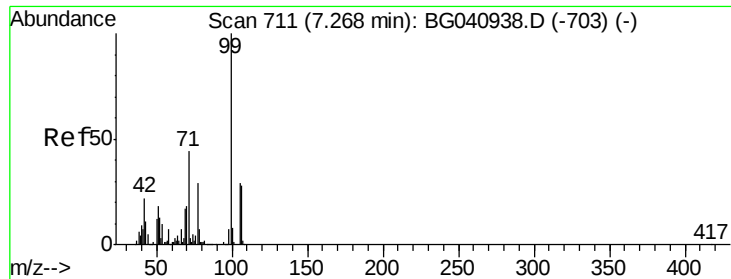
Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Tgt Ion:	128	Resp:	117512
Ion Ratio	Lower	Upper	
128	100		
130	30.2	16.6	56.6
64	57.9	37.8	77.8





#9

Benzaldehyde

Concen: 16.050 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

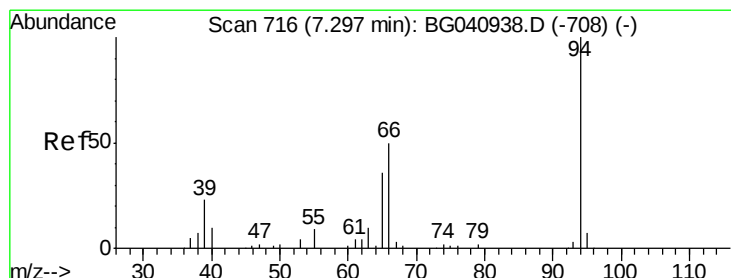
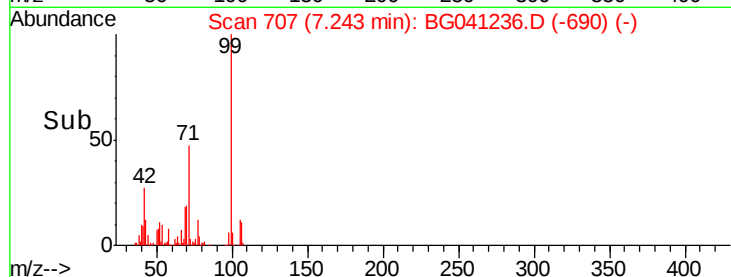
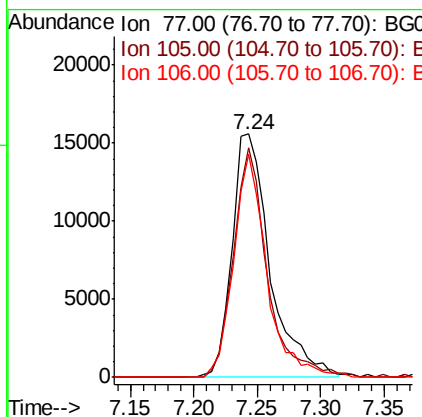
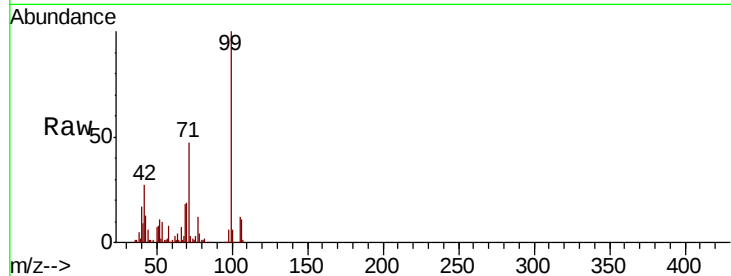
ClientSampleId :

OR-03-061119-AMSD

Tot Ion:	77	Resp:	32397
Ion	Ratio	Lower	Upper
77	100		
105	94.0	78.9	118.9
106	91.8	76.7	116.7

Manual Integrations
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#10

Phenol

Concen: 37.613 ng

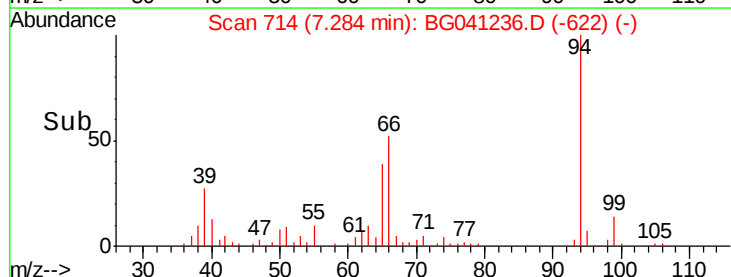
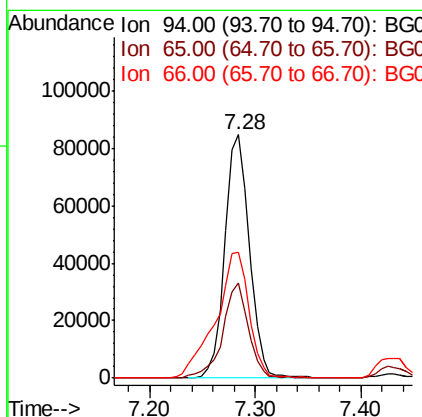
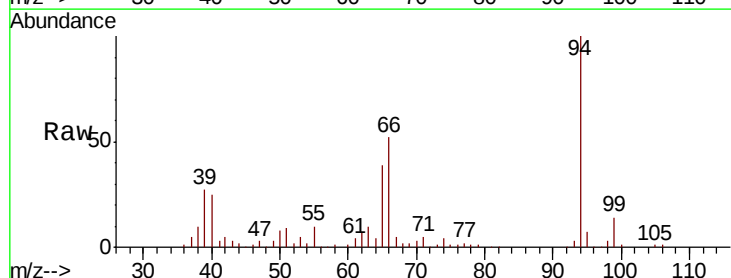
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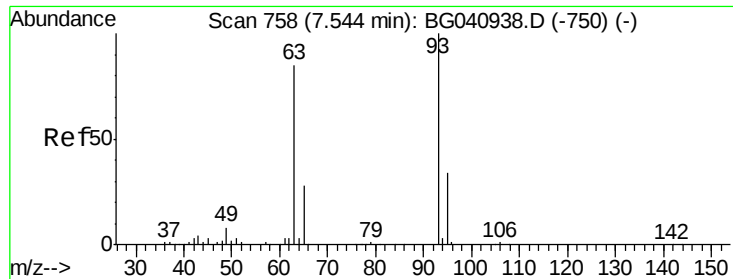
Delta R.T. 0.01 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Tgt Ion:	94	Resp:	136460
Ion	Ratio	Lower	Upper
94	100		
65	39.1	17.0	57.0
66	51.5	32.4	72.4





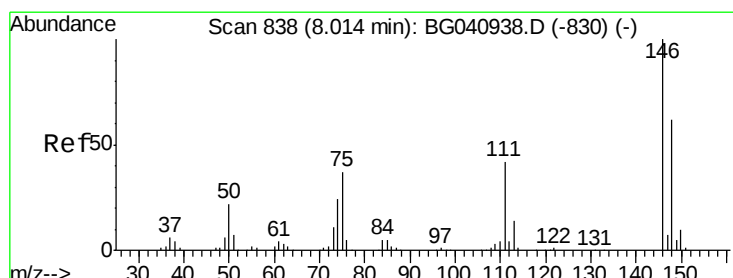
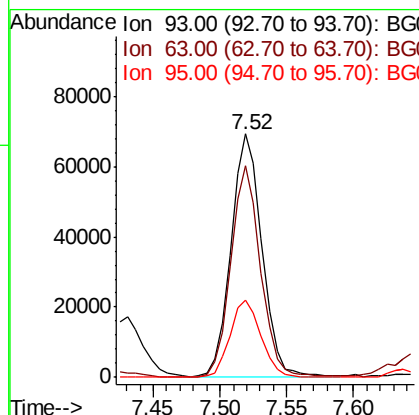
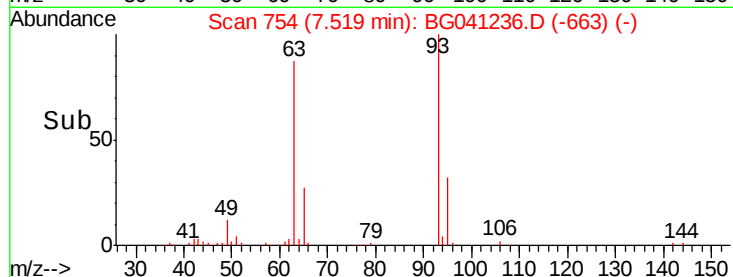
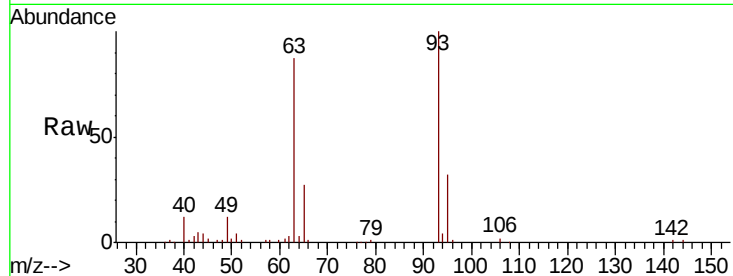
#11
bis(2-Chloroethyl)ether
Concen: 42.833 ng
RT: 7.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.8	64.5	104.5
95	31.7	13.3	53.3

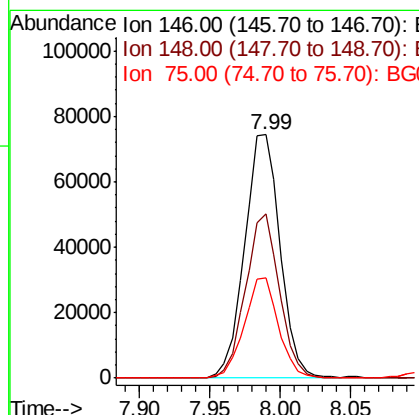
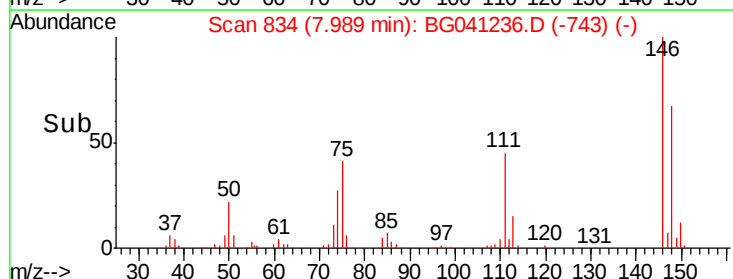
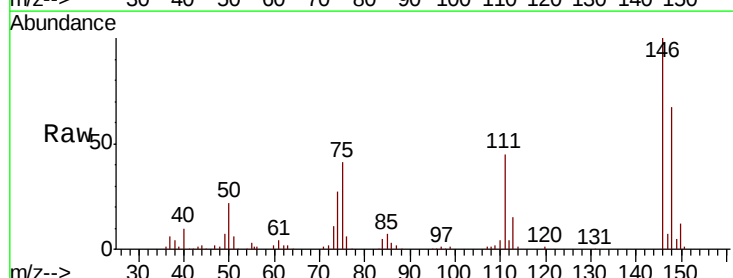
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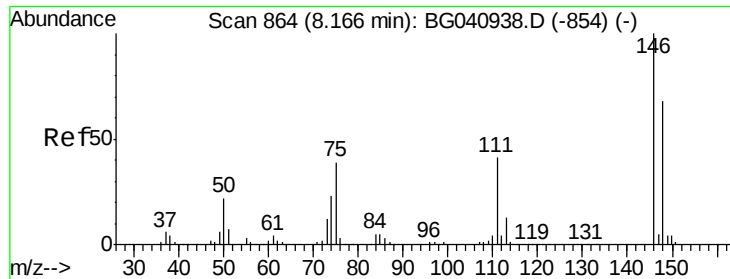
mohammad
6/17/2019 4:54:04 PM



#12
1,3-Dichlorobenzene
Concen: 42.044 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.5	49.2	73.8
75	40.9	29.4	44.0





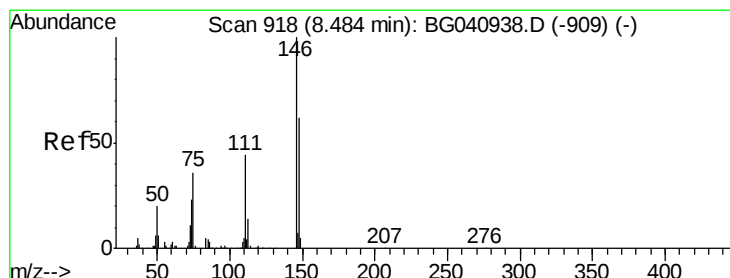
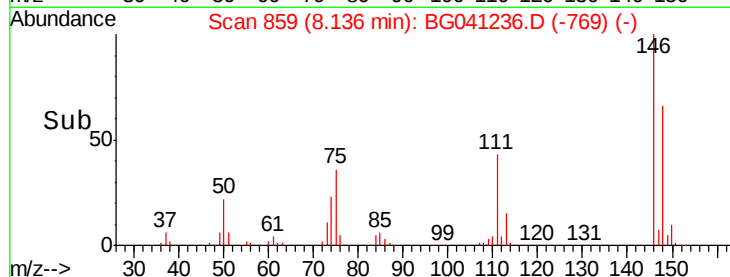
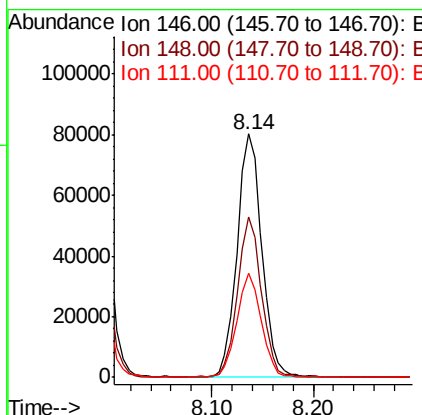
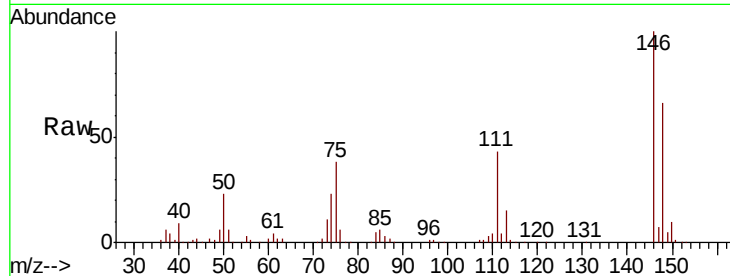
#13
1,4-Dichlorobenzene
Concen: 43.133 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	54.2	81.4
111	42.7	32.9	49.3

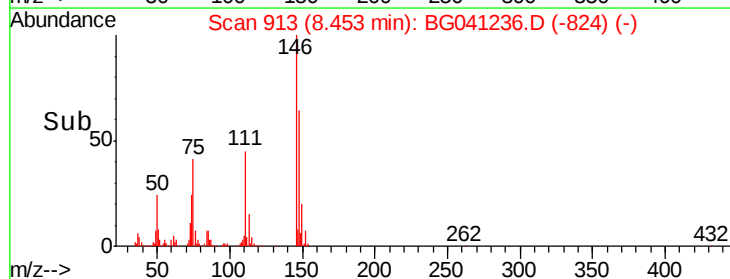
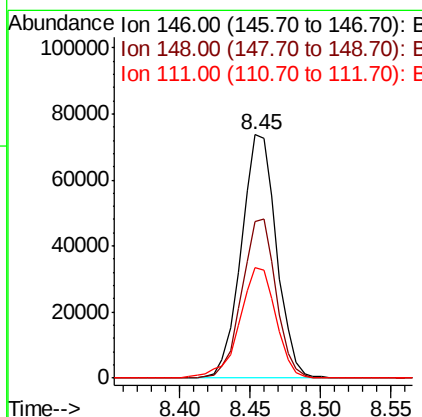
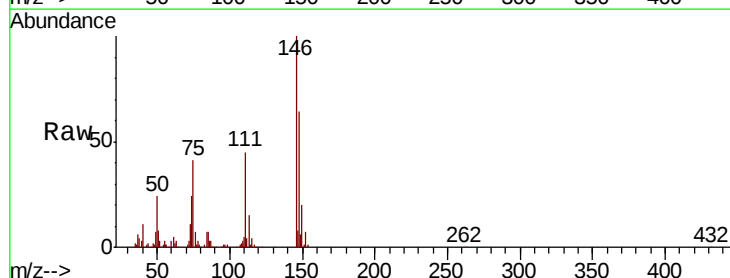
Manual Integrations
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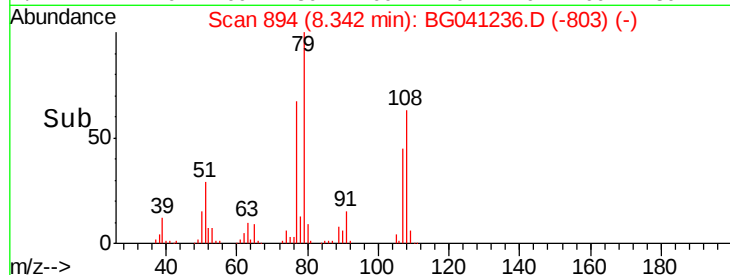
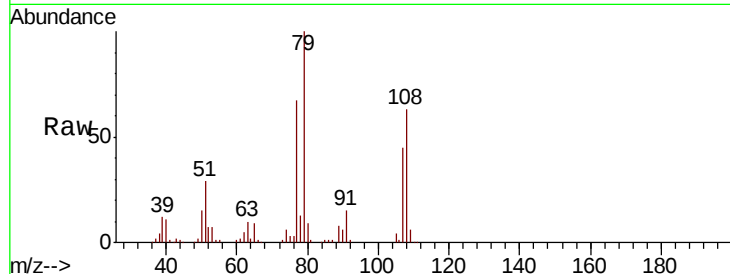
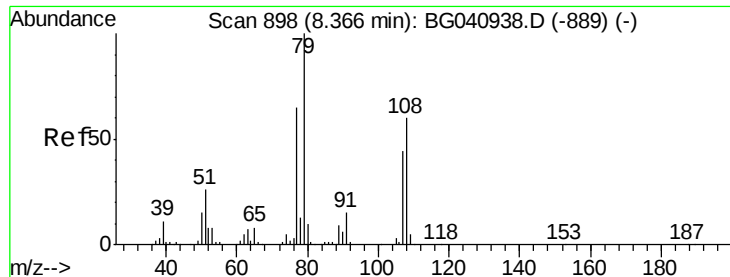
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#14
1,2-Dichlorobenzene
Concen: 41.921 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	49.8	74.6
111	45.2	35.0	52.4





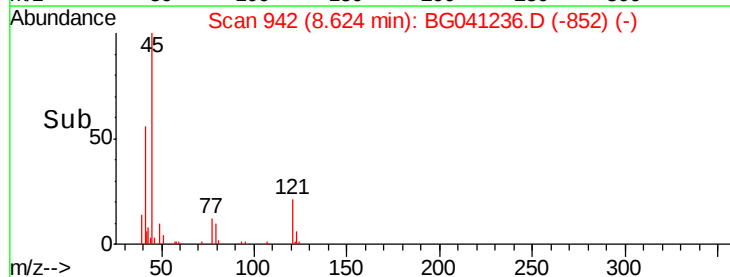
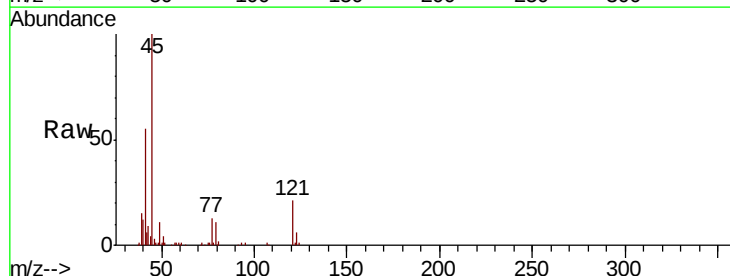
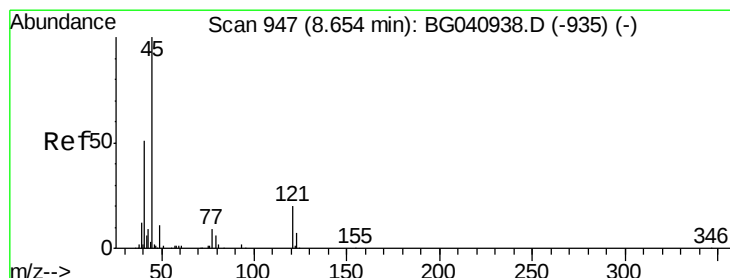
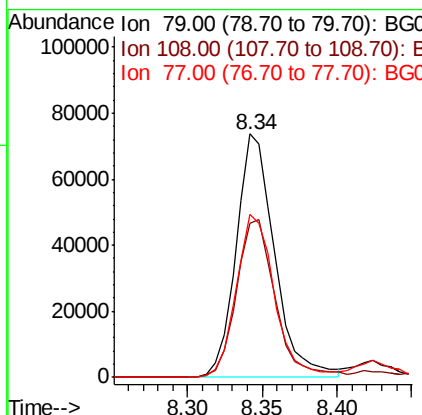
#15
Benzyl Alcohol
Concen: 42.099 ng
RT: 8.34 min Scan# 894
Delta R.T. 0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tot Ion	Ratio	Lower	Upper
79	100		
108	63.4	48.3	72.5
77	66.7	52.3	78.5

Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMSD

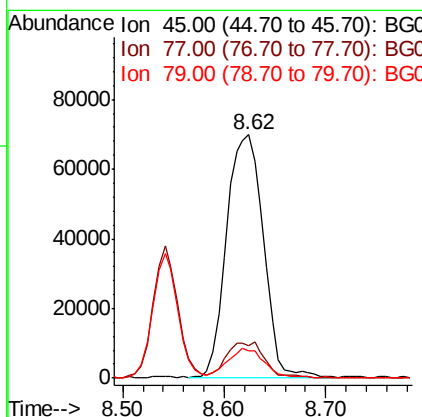
Manual Integrations
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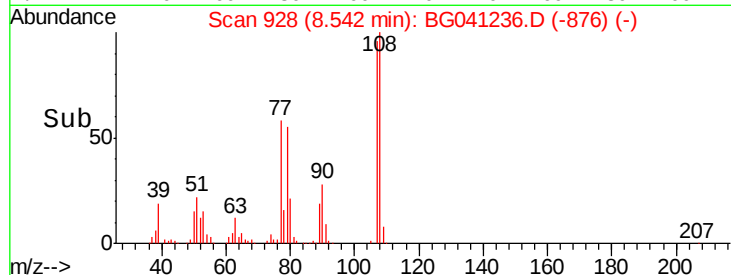
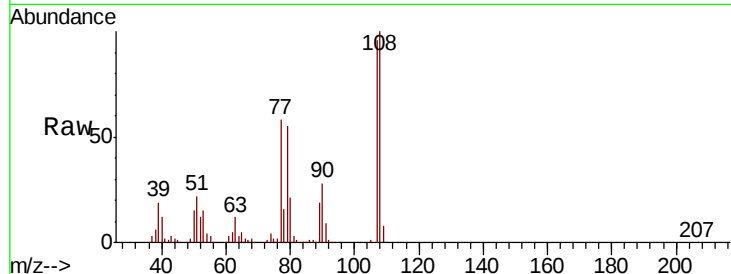
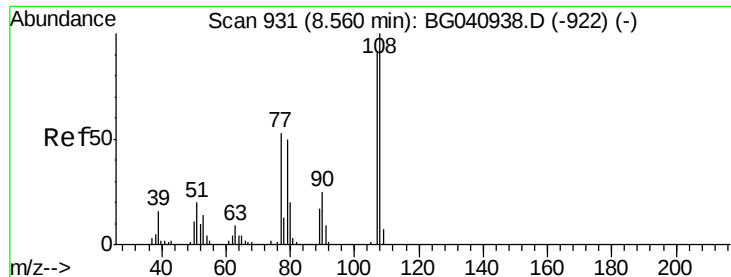
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.479 ng
RT: 8.62 min Scan# 942
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.5	0.0	33.7
79	11.2	0.0	30.2





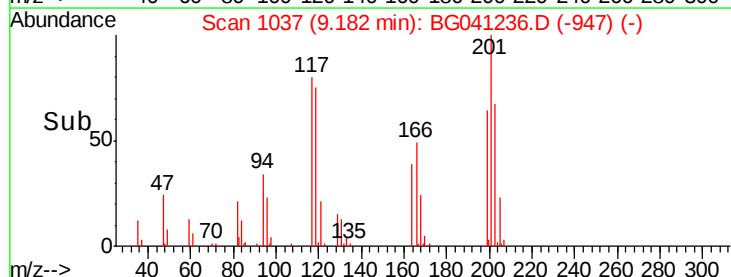
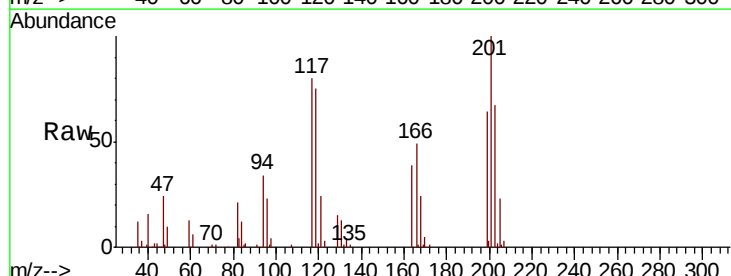
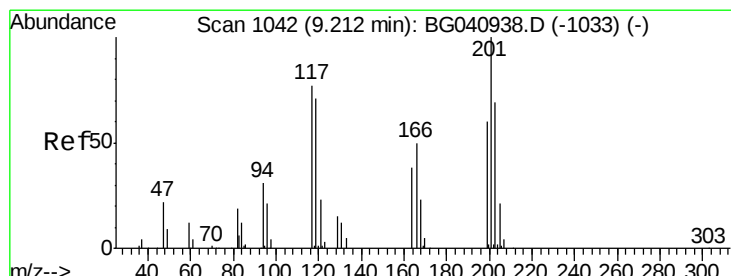
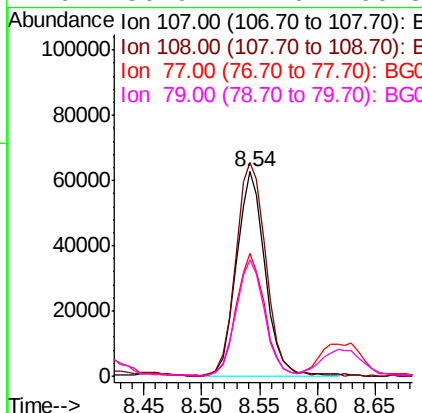
#17
2-Methylphenol
Concen: 41.149 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.01 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	104.4	87.7	131.5	
77	60.3	46.6	70.0	
79	56.9	44.6	66.8	

Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMSD

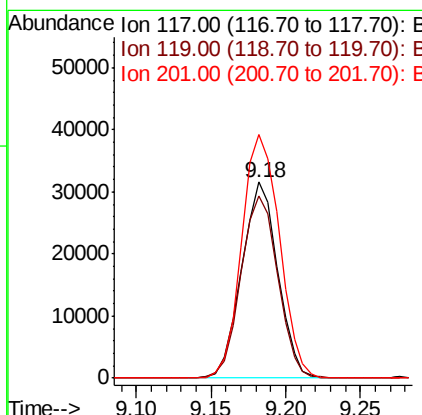
Manual Integrations
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#18
Hexachloroethane
Concen: 43.328 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.0	75.0	112.6	
201	124.4	103.5	155.3	





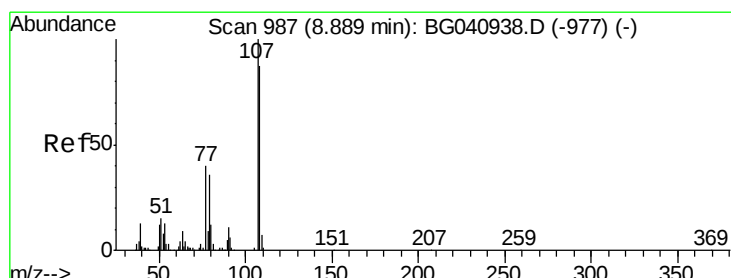
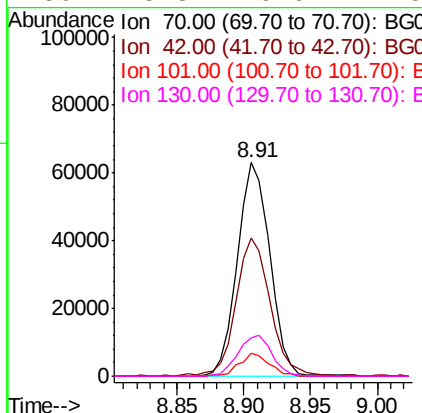
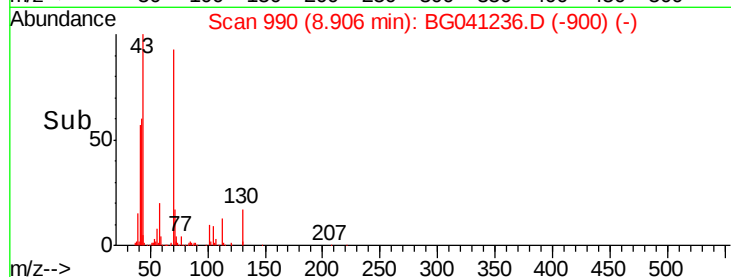
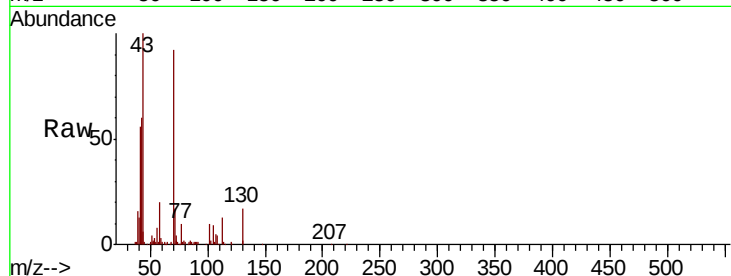
#19
n-Nitroso-di-n-propylamine
Concen: 40.733 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.6	51.5	77.3
101	10.7	8.1	12.1
130	18.3	16.6	24.8

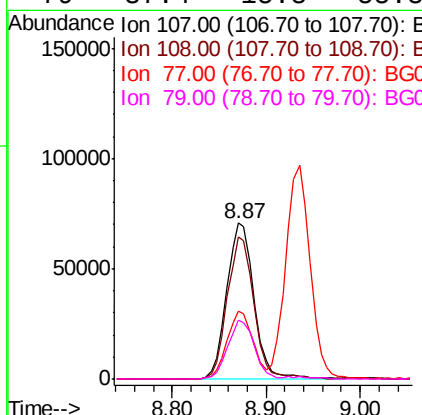
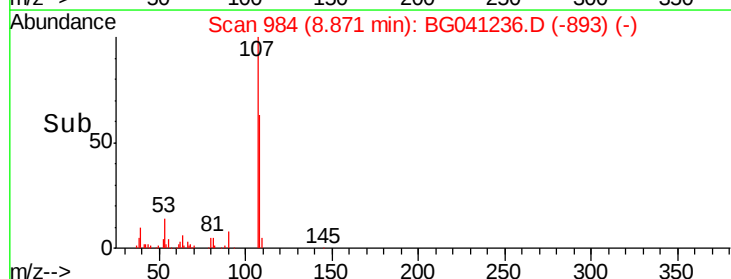
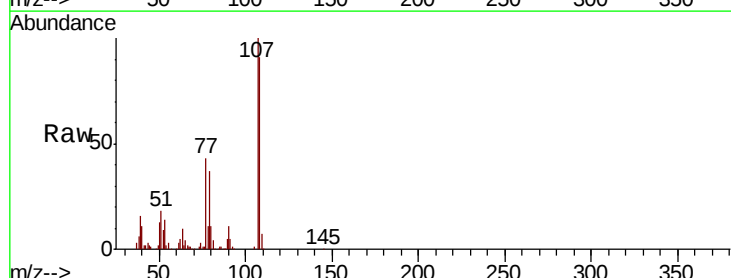
Manual Integrations
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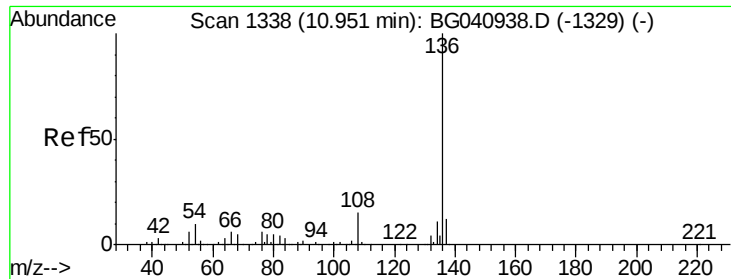
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#20
3+4-Methylphenols
Concen: 39.144 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	66.8	106.8
77	43.5	20.5	60.5
79	37.4	15.8	55.8





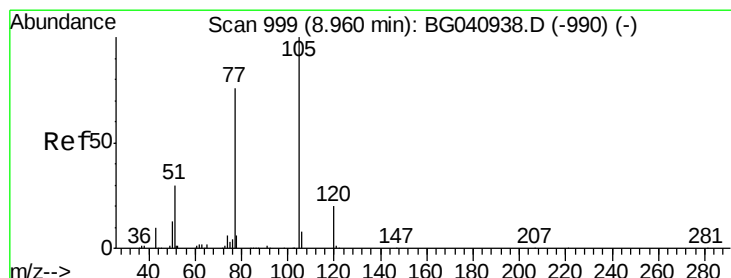
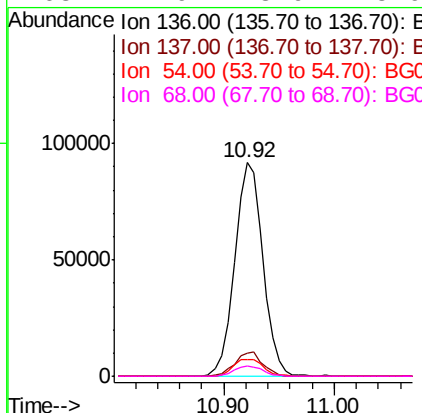
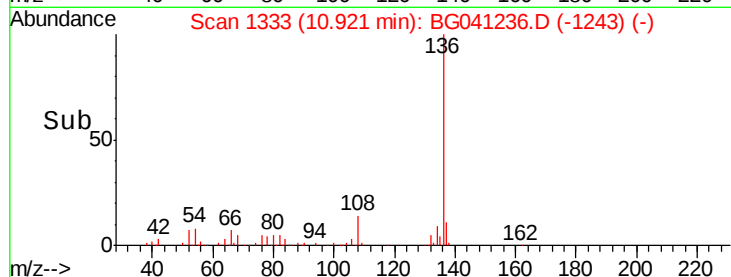
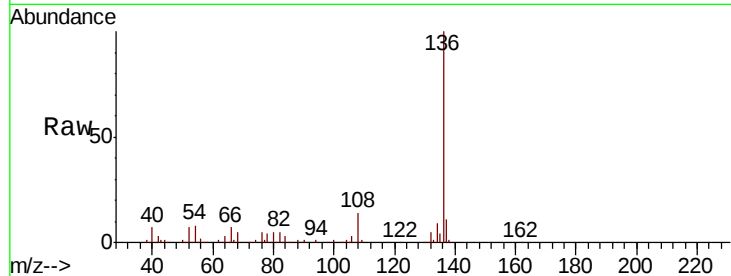
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	164118		
137	10.6	9.5	14.3	
54	7.6	7.6	11.4	
68	4.9	3.9	5.9	

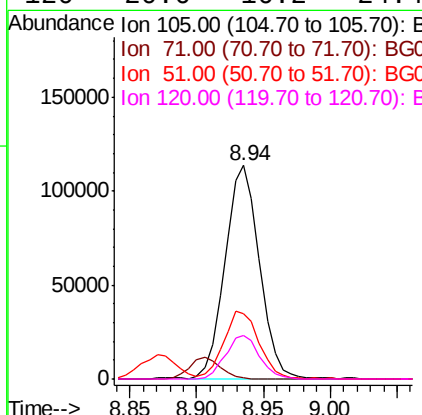
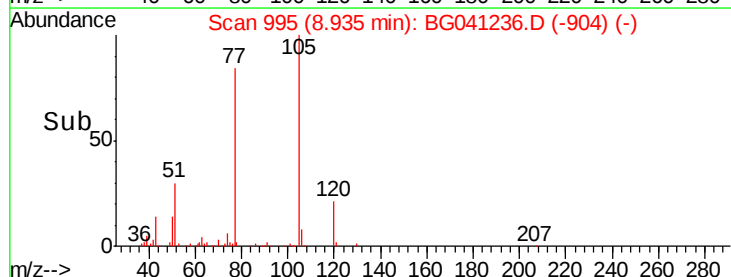
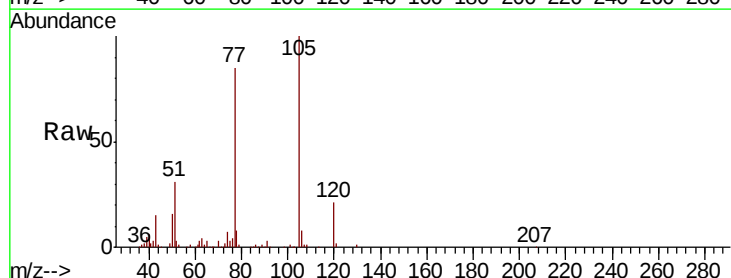
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#22
Acetophenone
Concen: 44.083 ng
RT: 8.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	202949		
71	0.5	0.4	0.6	
51	30.8	27.0	40.6	
120	20.6	16.2	24.4	





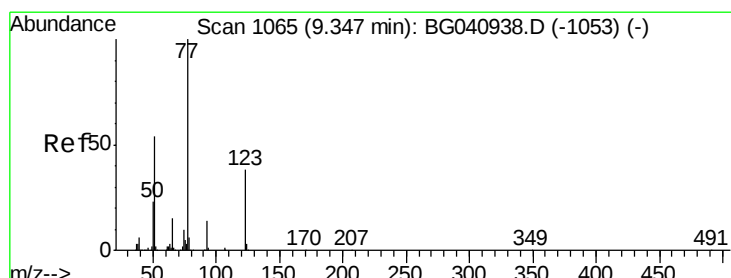
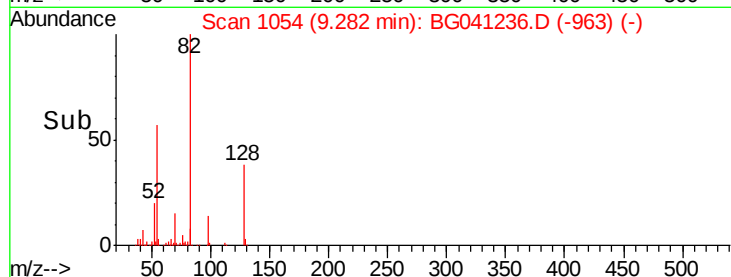
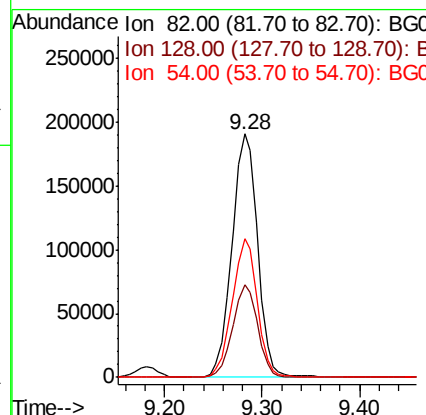
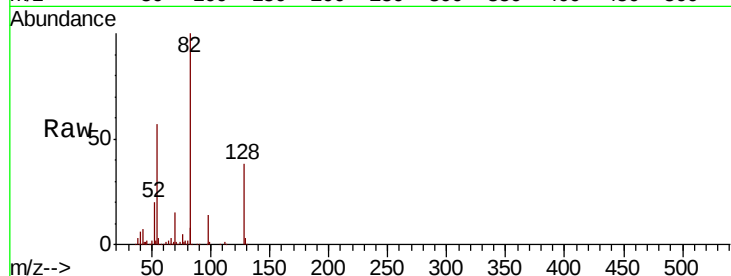
#23
Nitrobenzene-d5
Concen: 93.902 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.5	45.7
54	56.8	44.6	66.8

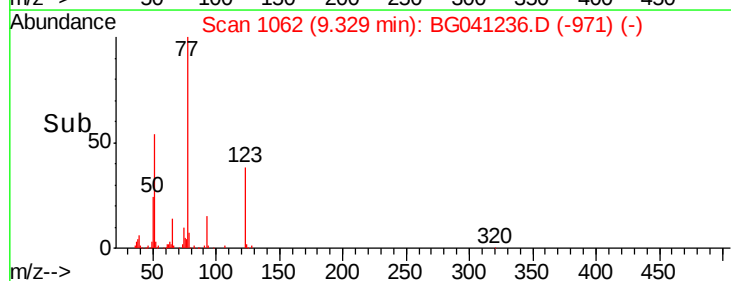
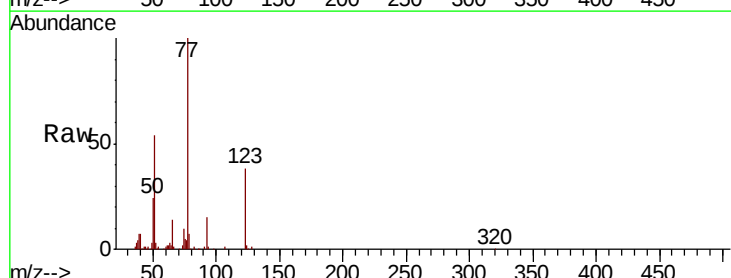
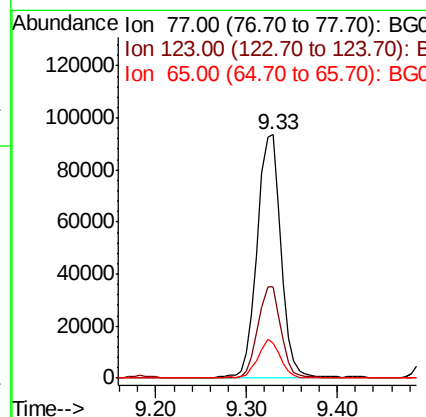
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#24
Nitrobenzene
Concen: 45.448 ng
RT: 9.33 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.5	30.6	46.0
65	14.4	12.3	18.5





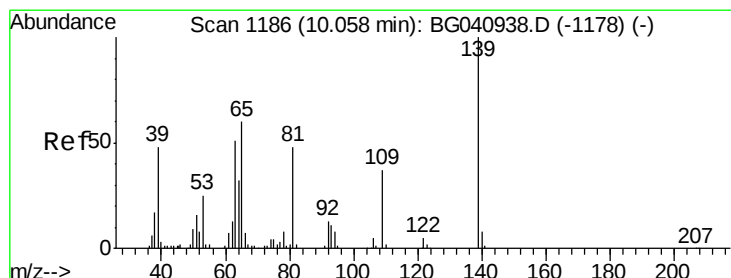
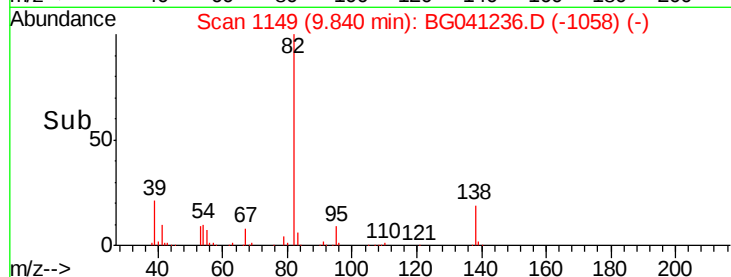
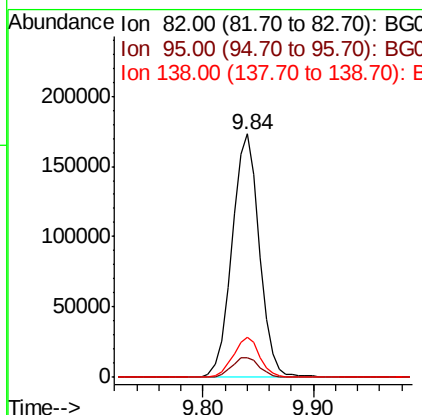
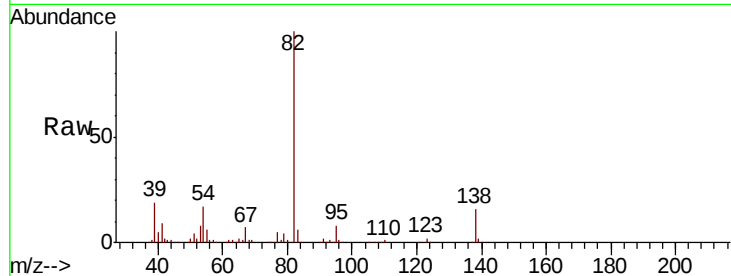
#25
Isophorone
Concen: 42.677 ng
RT: 9.84 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	300253		
95	8.1		7.0	10.4
138	16.4		12.6	19.0

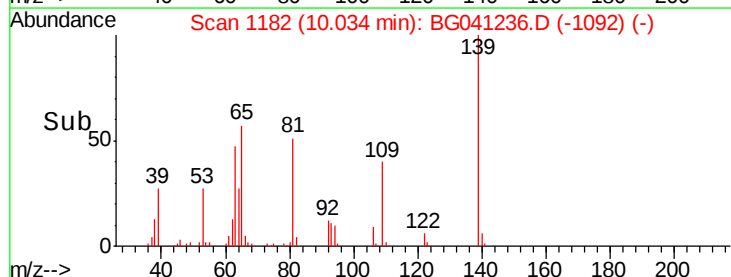
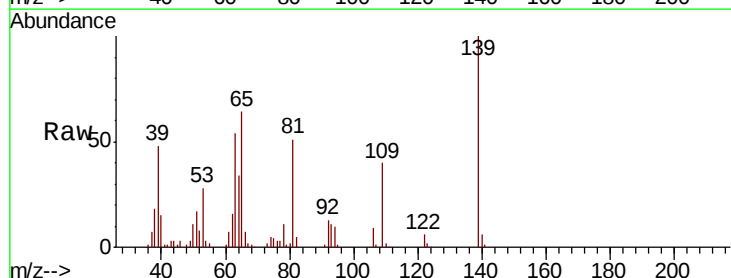
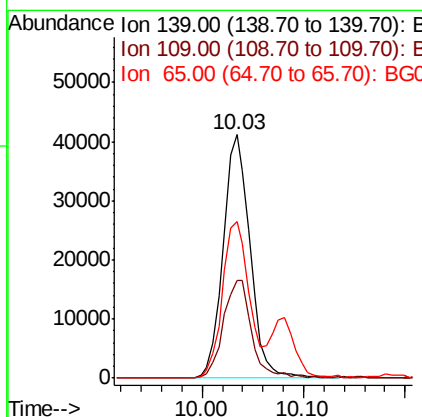
Manual Integrations
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6/17/2019 4:54:04 PM



#26
2-Nitrophenol
Concen: 48.717 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	75664		
109	40.2		29.8	44.6
65	64.2		47.8	71.6





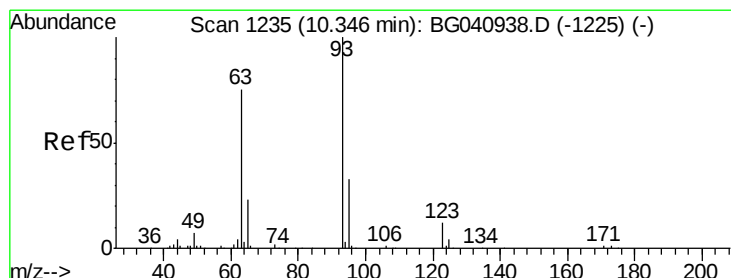
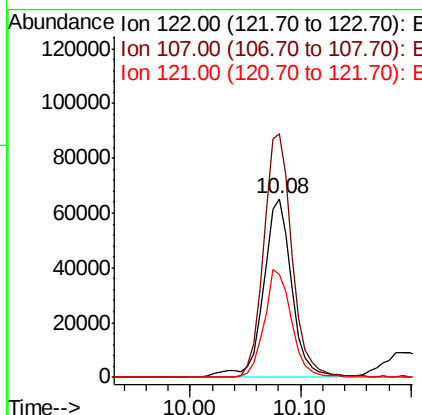
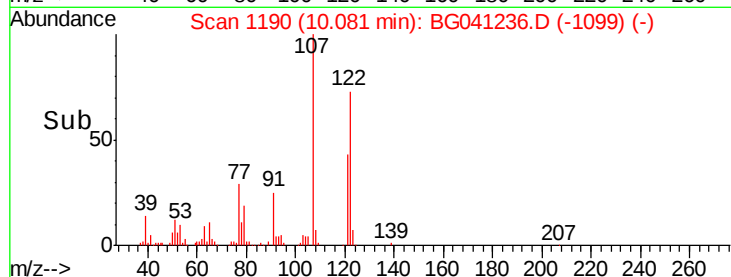
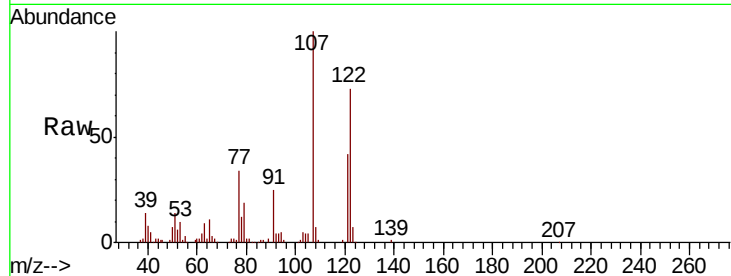
#27
 2,4-Dimethylphenol
 Concen: 45.407 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061119-AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	136.2	105.9	158.9
121	57.8	46.2	69.4

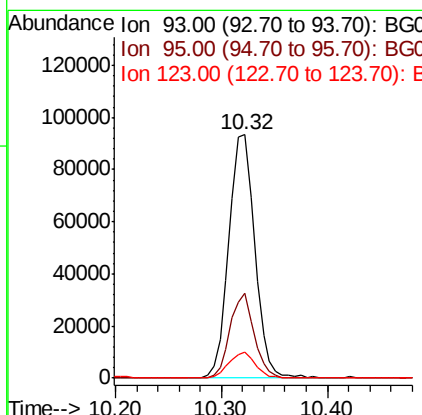
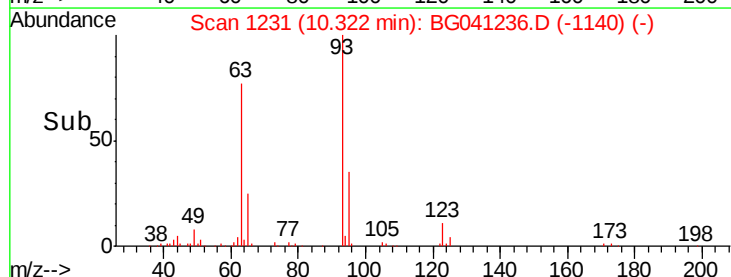
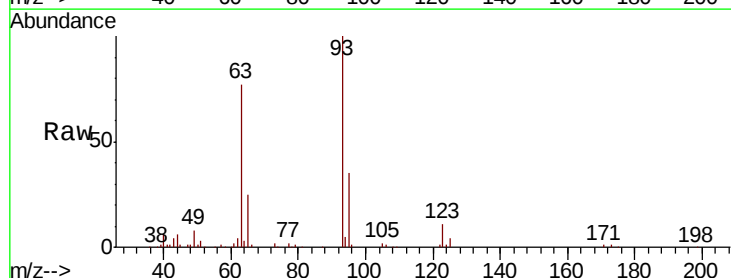
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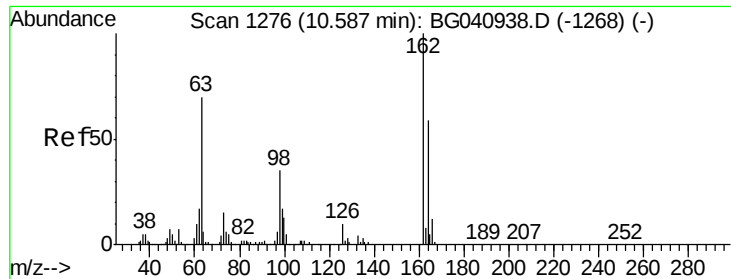
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.924 ng
 RT: 10.32 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.0	26.2	39.2
123	10.9	9.5	14.3





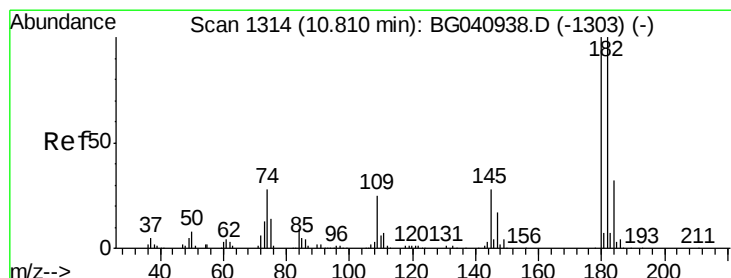
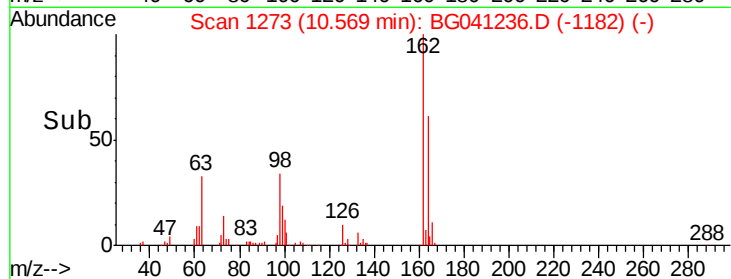
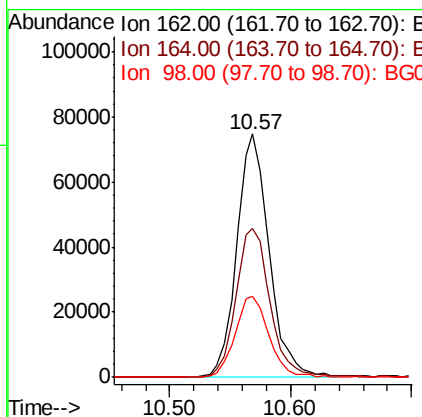
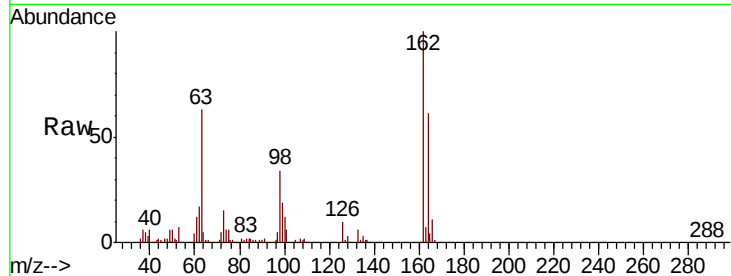
#29
 2,4-Dichlorophenol
 Concen: 42.856 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061119-AMSD

Tot Ion:	162	Resp:	139596
Ion Ratio	Lower	Upper	
162	100		
164	60.9	39.4	79.4
98	33.5	15.3	55.3

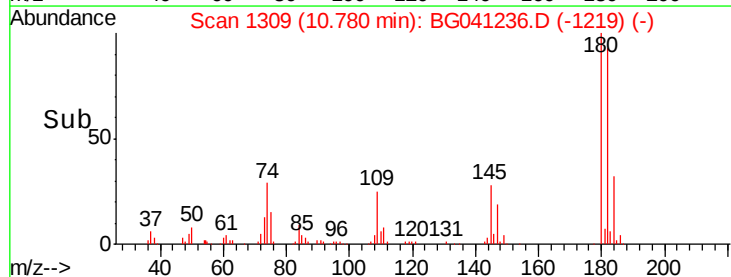
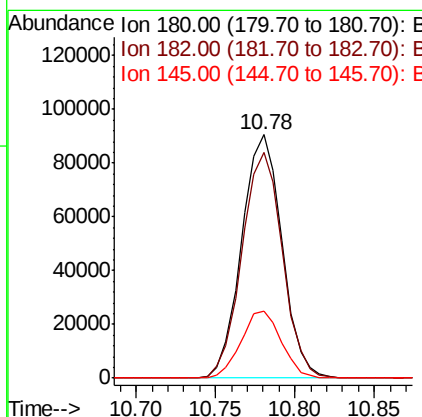
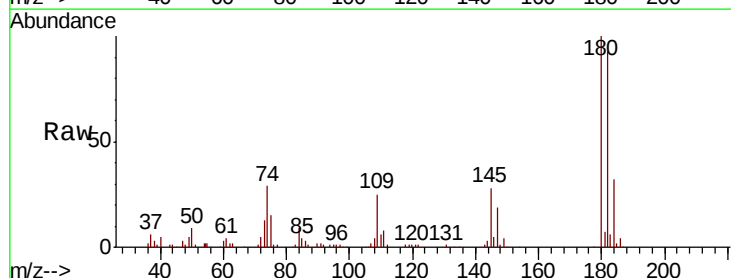
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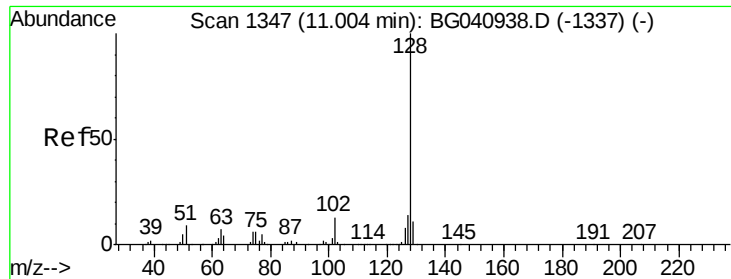
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.140 ng
 RT: 10.78 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Tgt Ion:	180	Resp:	159858
Ion Ratio	Lower	Upper	
180	100		
182	92.9	79.7	119.5
145	27.7	22.6	34.0





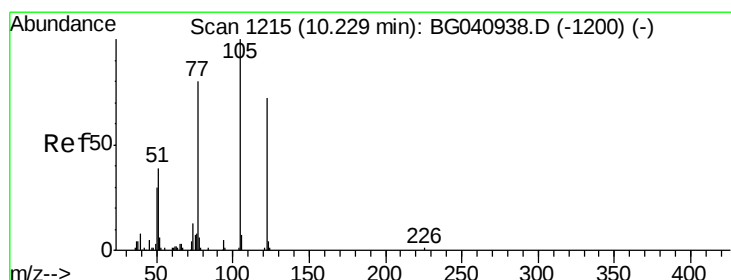
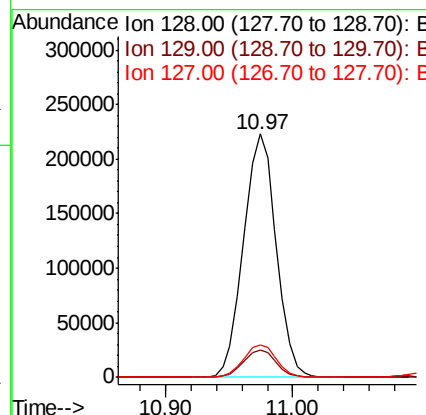
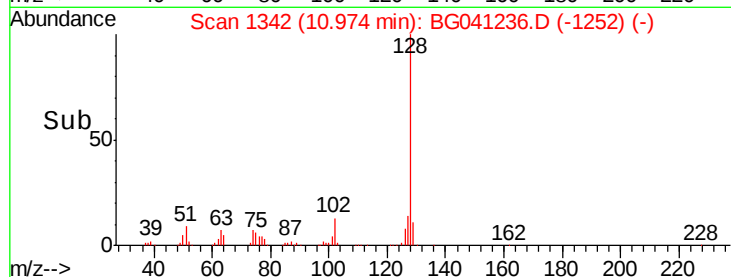
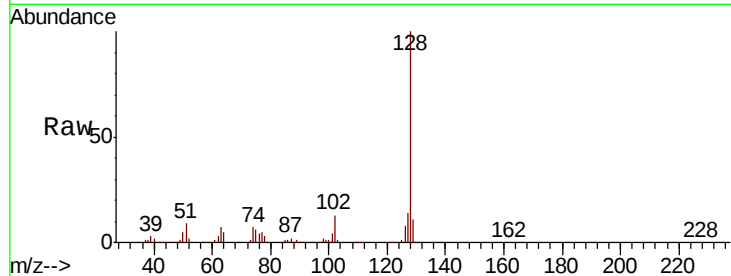
#31
Naphthalene
Concen: 45.116 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.5	12.7
127	13.5	11.4	17.2

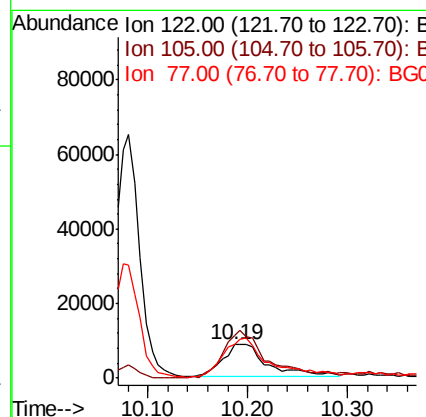
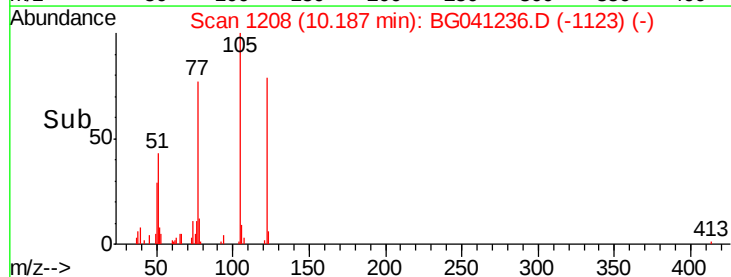
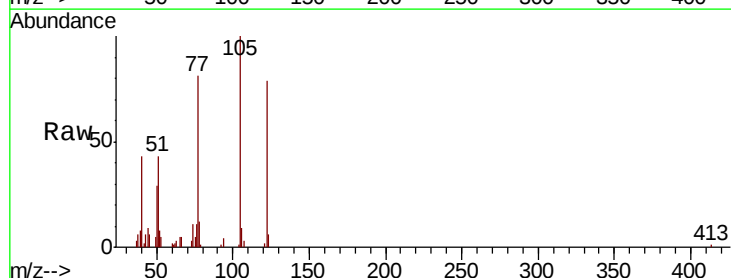
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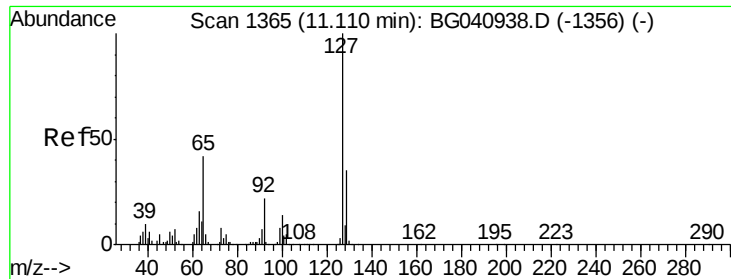
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#32
Benzoic acid
Concen: 19.707 ng m
RT: 10.19 min Scan# 1208
Delta R.T. -0.03 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.7	114.8	154.8
77	102.3	89.9	129.9





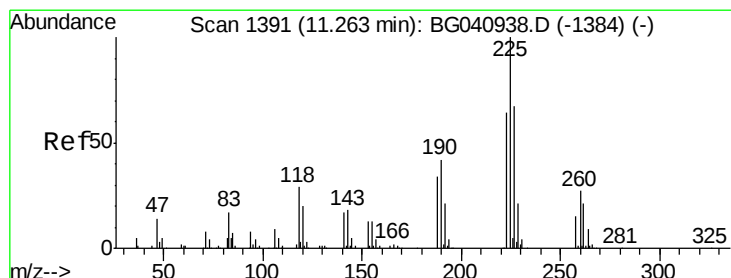
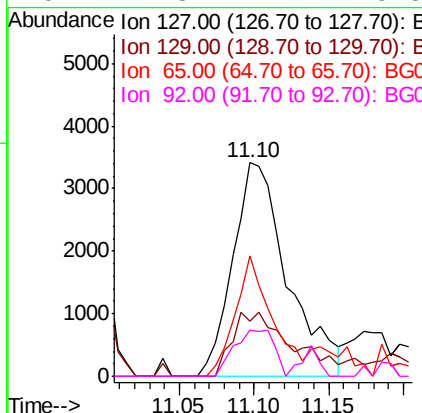
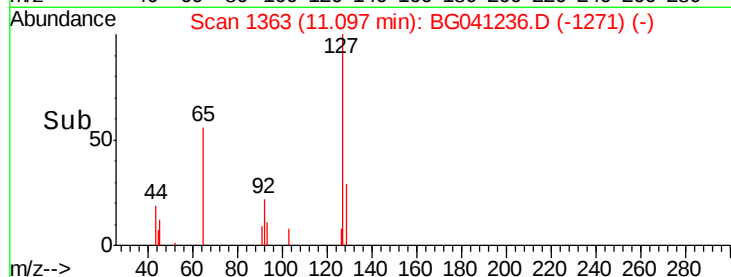
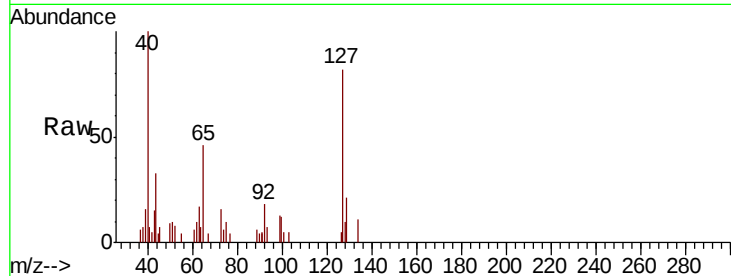
#33
4-Chloroaniline
Concen: 2.134 ng
RT: 11.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	25.8	27.7	41.5#
65	56.3	33.2	49.8#
92	21.8	17.2	25.8

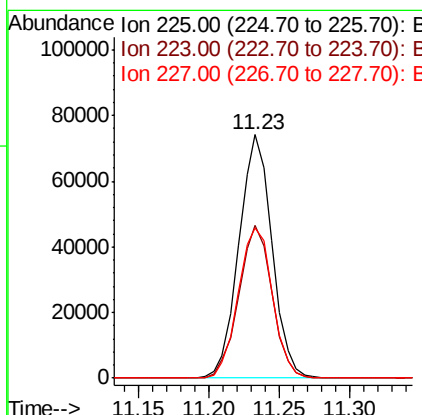
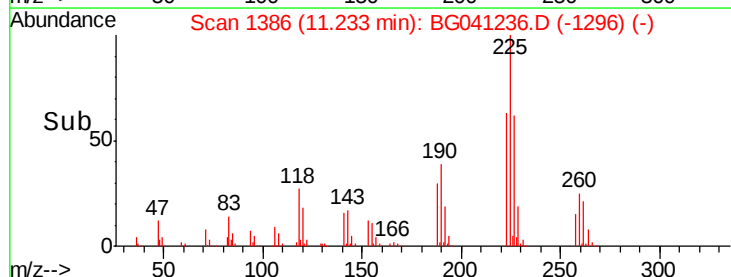
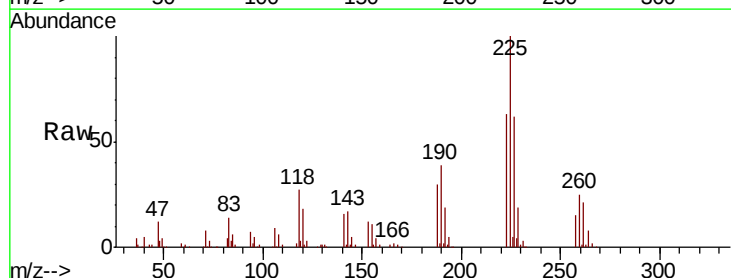
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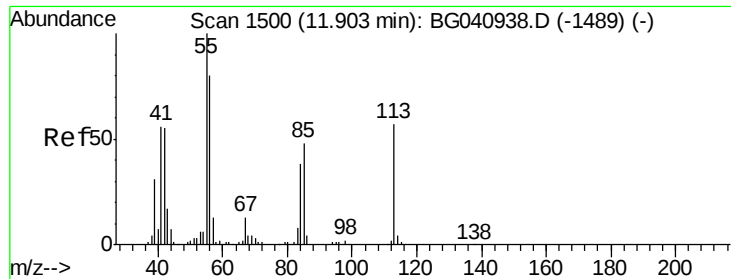
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#34
Hexachlorobutadiene
Concen: 42.787 ng
RT: 11.23 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	48.8	73.2
227	61.8	51.4	77.0





#35

Caprolactam

Concen: 30.289 ng

RT: 11.88 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

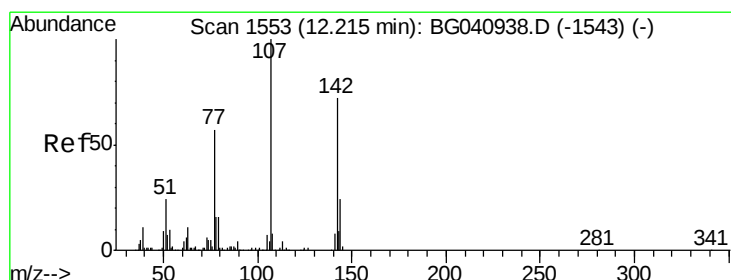
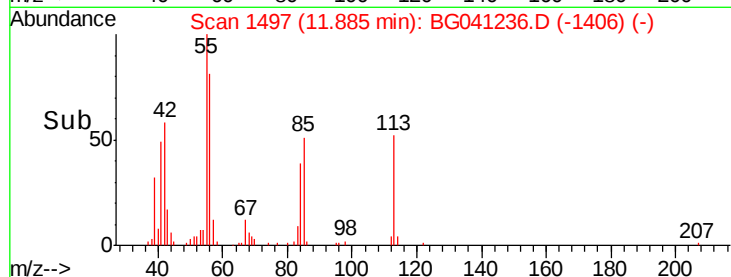
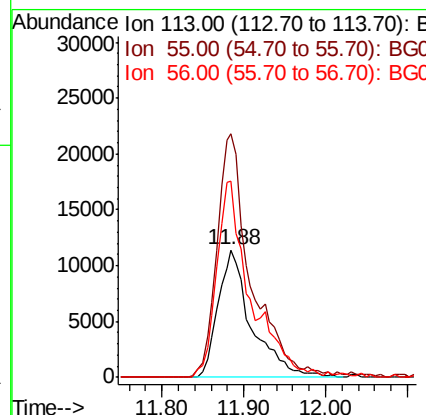
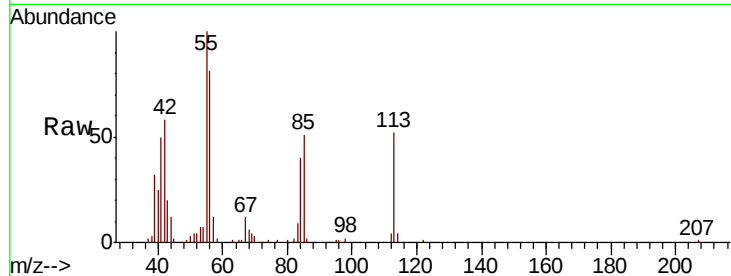
ClientSampleId :

OR-03-061119-AMSD

Tot Ion:	113	Resp:	32581
Ion Ratio	Lower	Upper	
113	100		
55	191.0	155.9	195.9
56	154.3	119.9	159.9

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#36

4-Chloro-3-methylphenol

Concen: 42.678 ng

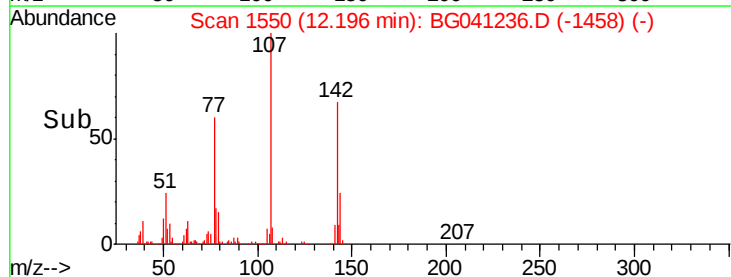
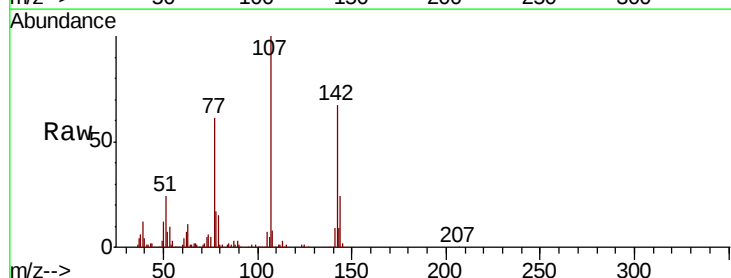
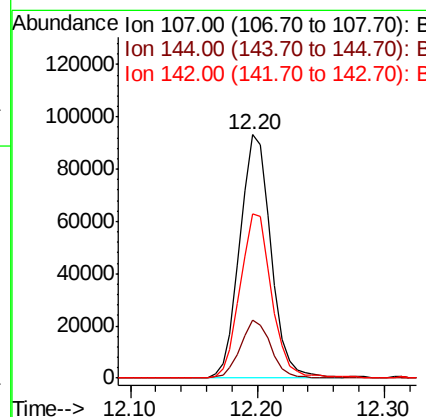
RT: 12.20 min Scan# 1550

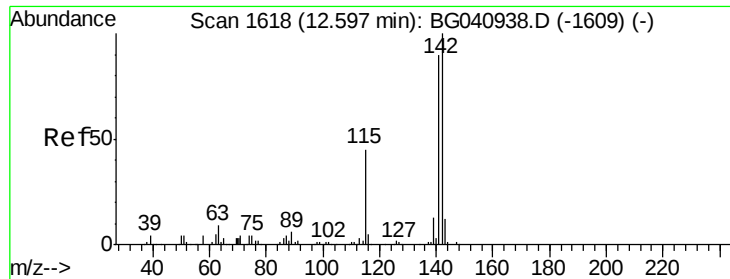
Delta R.T. 0.01 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Tgt Ion:	107	Resp:	158765
Ion Ratio	Lower	Upper	
107	100		
144	24.0	19.4	29.0
142	67.3	57.3	85.9





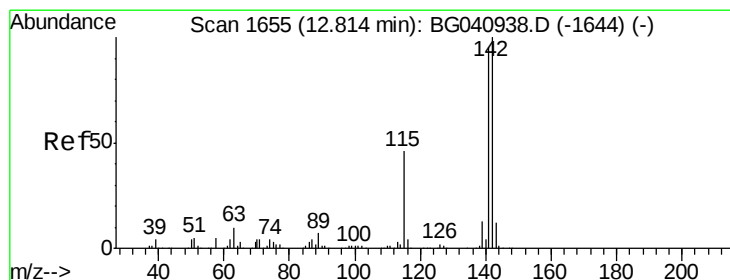
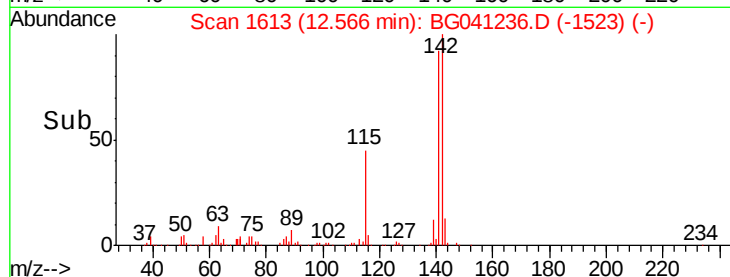
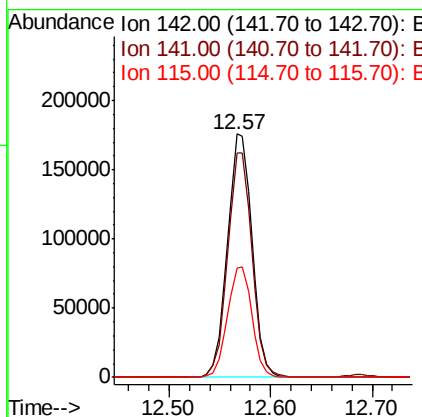
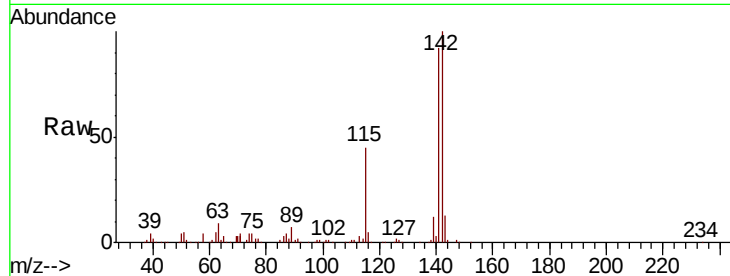
#37
2-Methylnaphthalene
Concen: 43.452 ng
RT: 12.57 min Scan# 1613
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.2	108.4
115	44.7	36.2	54.4

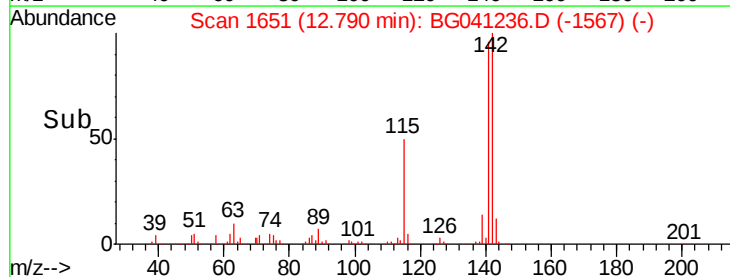
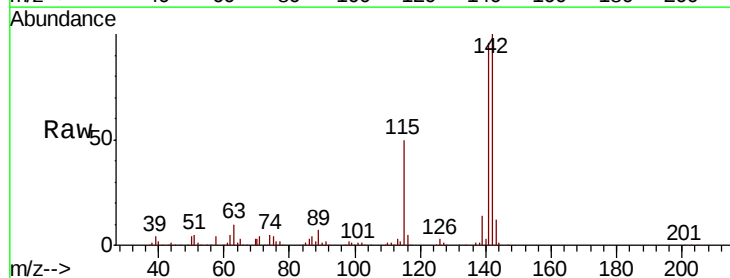
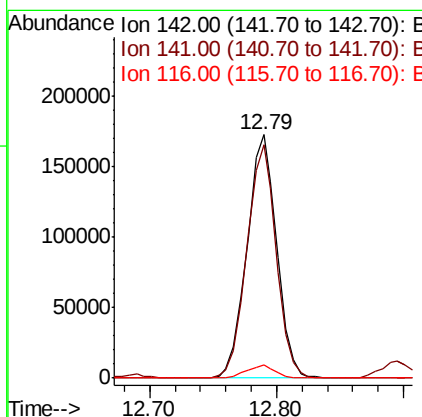
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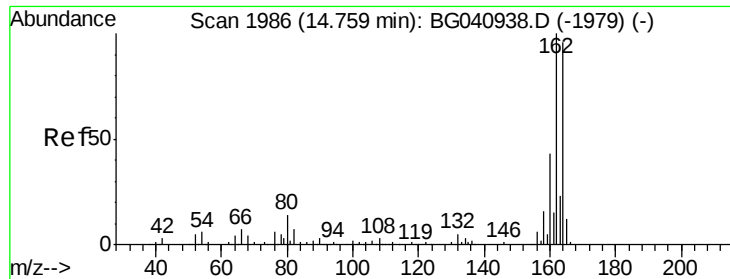
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#38
1-Methylnaphthalene
Concen: 43.993 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.9	75.7	113.5
116	5.4	3.4	5.2#





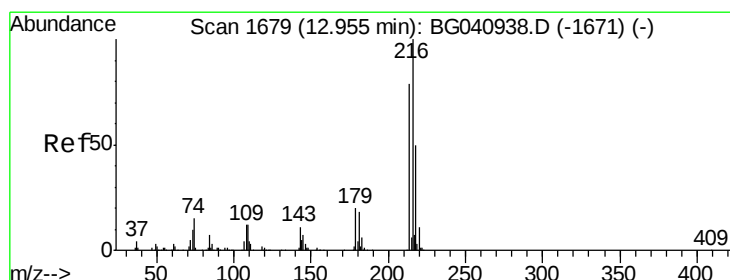
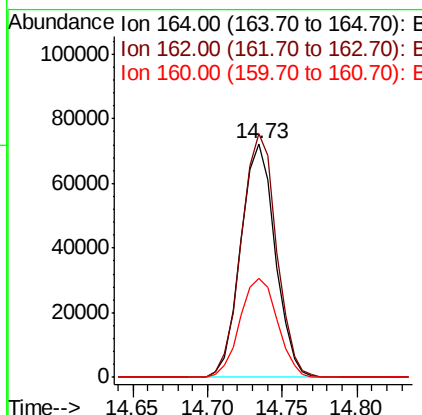
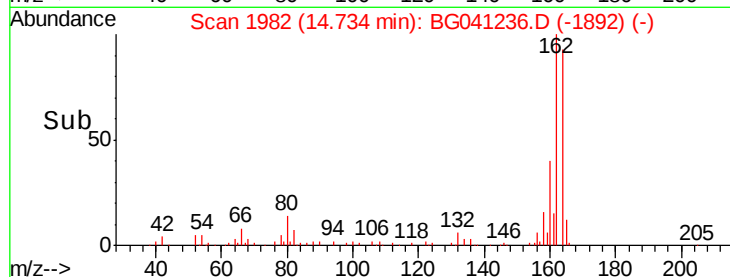
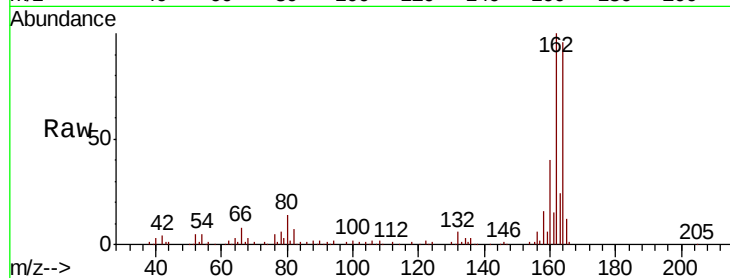
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.0	124.4
160	42.1	35.6	53.4

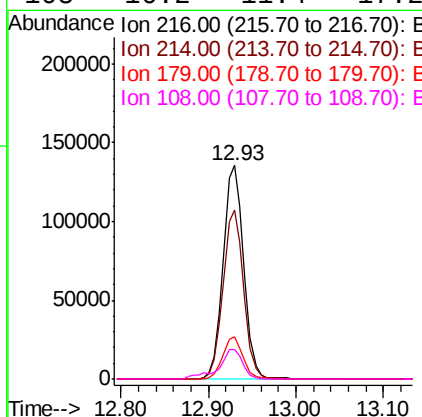
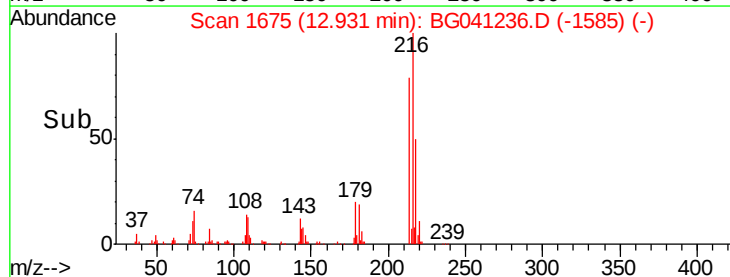
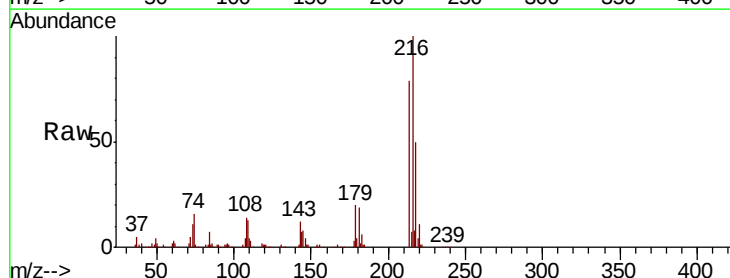
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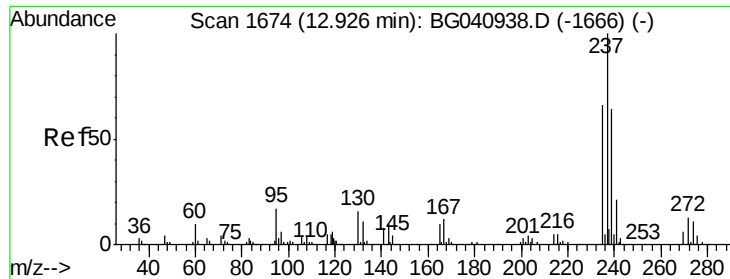
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.270 ng
RT: 12.93 min Scan# 1675
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.2
179	19.2	15.2	22.8
108	16.2	11.4	17.2





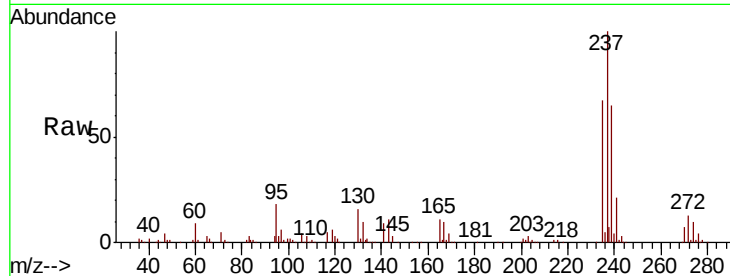
#41
Hexachlorocyclopentadiene
Concen: 80.605 ng
RT: 12.90 min Scan# 1669
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMSD

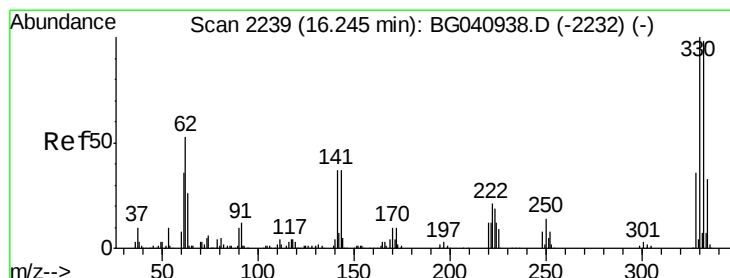
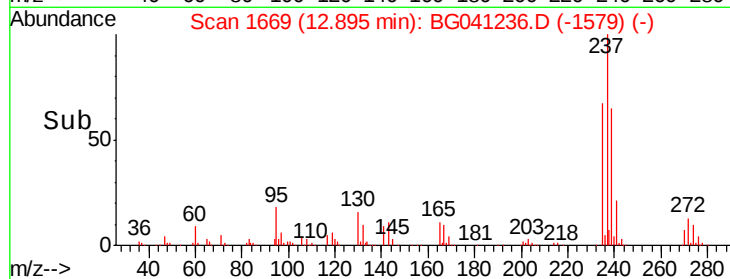
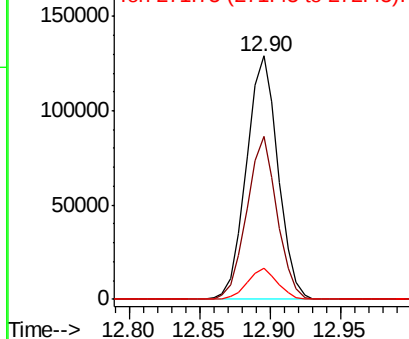
Tot Ion	Ratio	Resp	Lower	Upper
237	100	201988		
235	67.1	45.5	85.5	
272	12.7	0.0	32.9	

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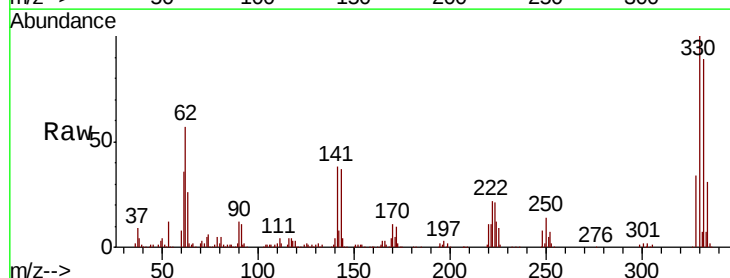


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

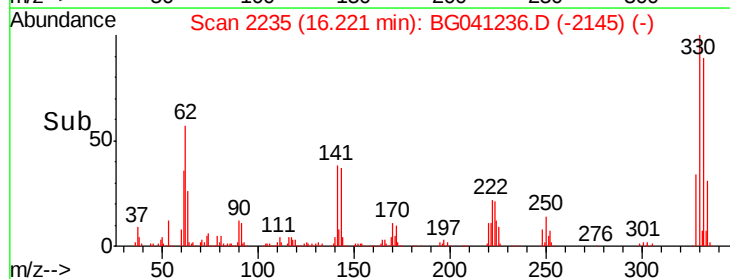
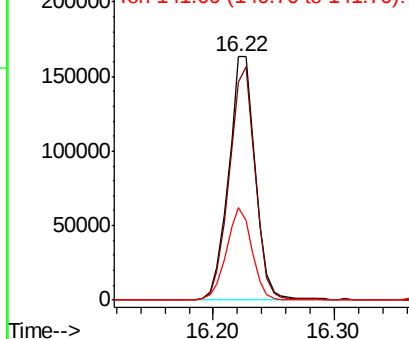


#42
2,4,6-Tribromophenol
Concen: 146.093 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	250633		
332	94.2	78.5	117.7	
141	36.3	28.7	43.1	



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





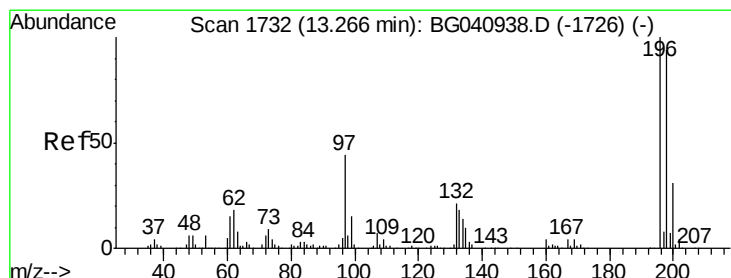
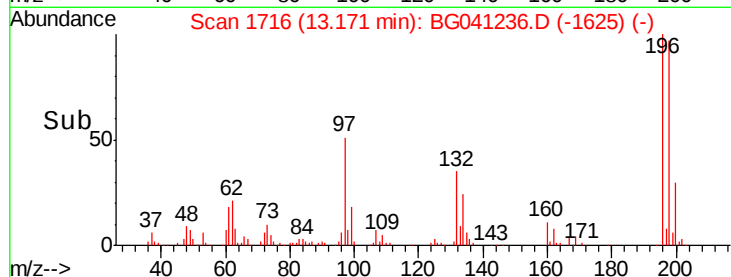
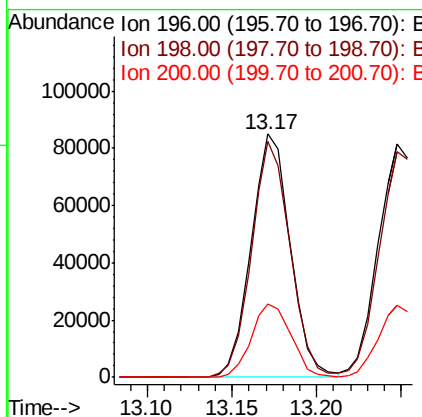
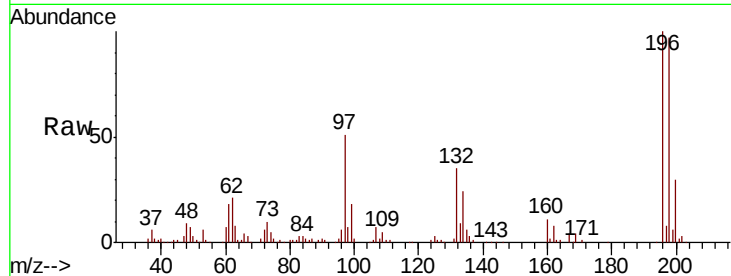
#43
 2,4,6-Trichlorophenol
 Concen: 45.295 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061119-AMSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.7	73.8	110.6
200	30.2	24.1	36.1

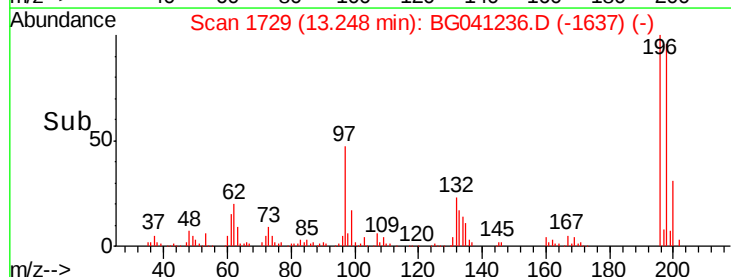
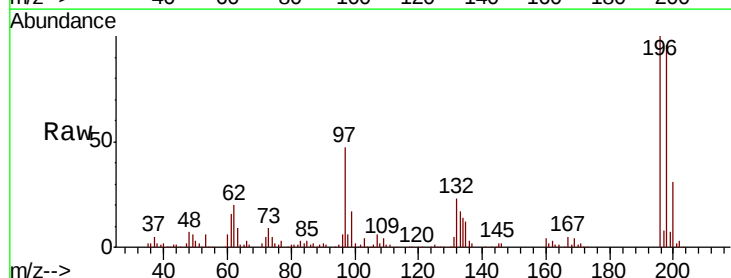
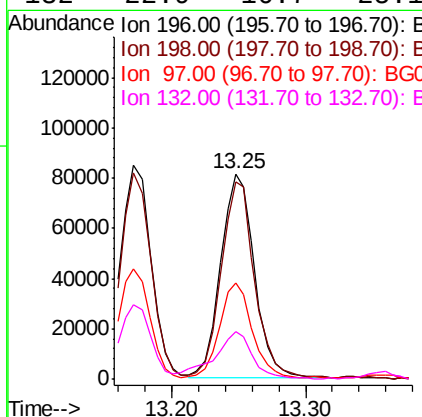
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#44
 2,4,5-Trichlorophenol
 Concen: 45.243 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.1	112.7
97	47.1	35.6	53.4
132	22.9	16.7	25.1





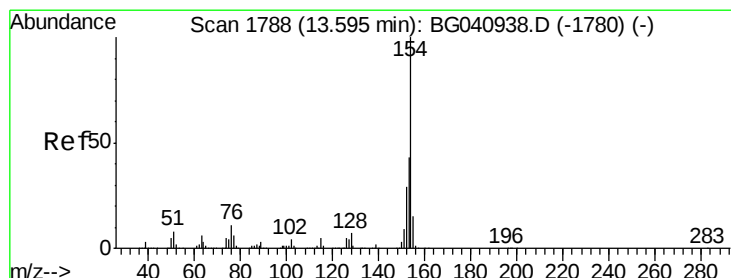
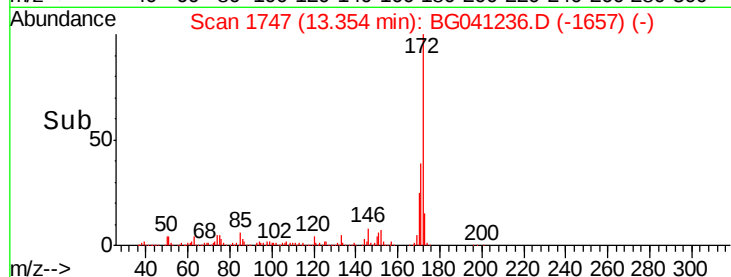
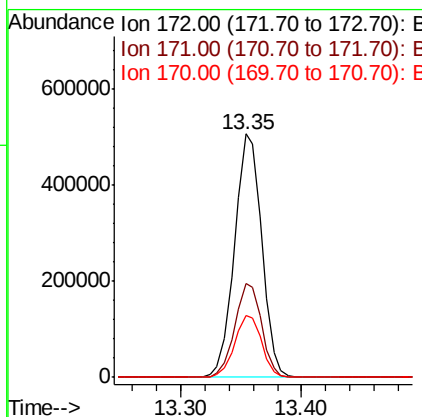
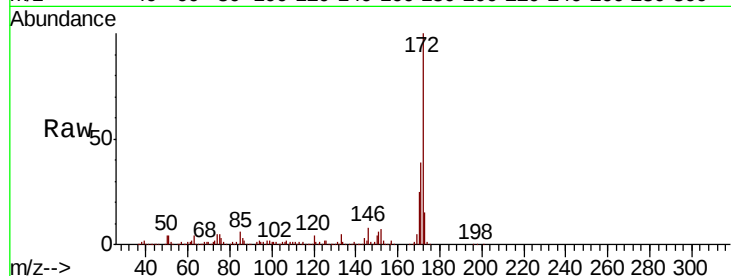
#45
2-Fluorobiphenyl
Concen: 98.879 ng
RT: 13.35 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	793442		
171	38.7		31.1	46.7
170	25.1		20.5	30.7

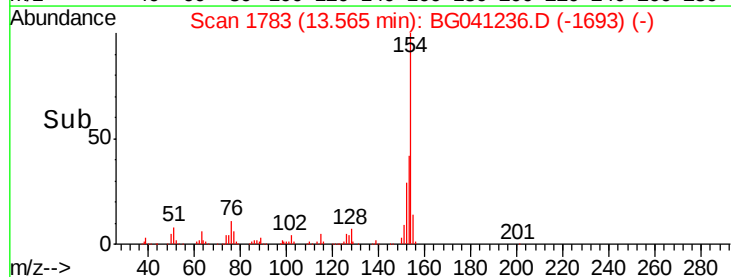
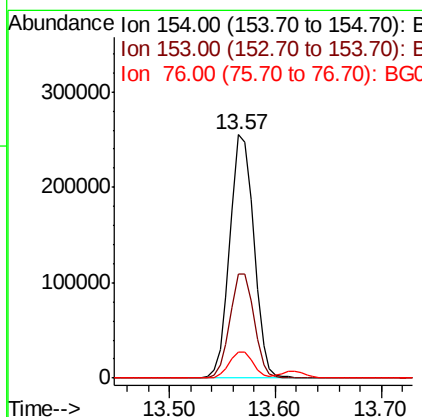
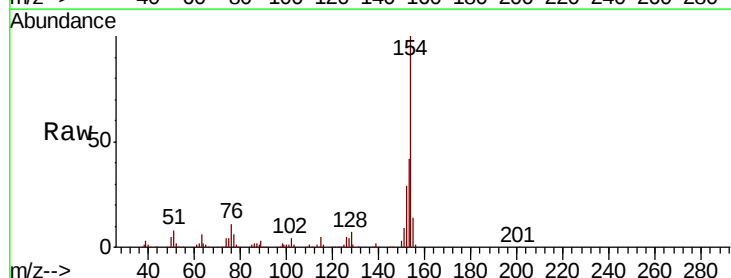
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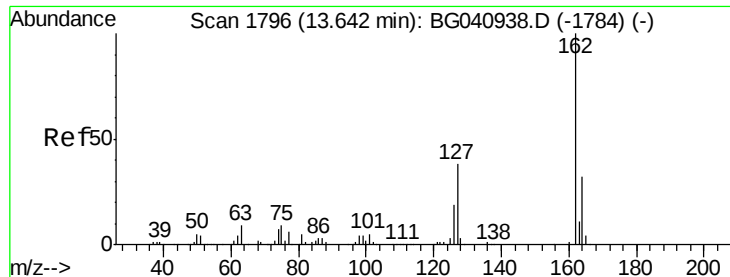
mohammad
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#46
1,1'-Biphenyl
Concen: 46.821 ng
RT: 13.57 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	400505		
153	42.5		23.3	63.3
76	10.9		0.0	31.1





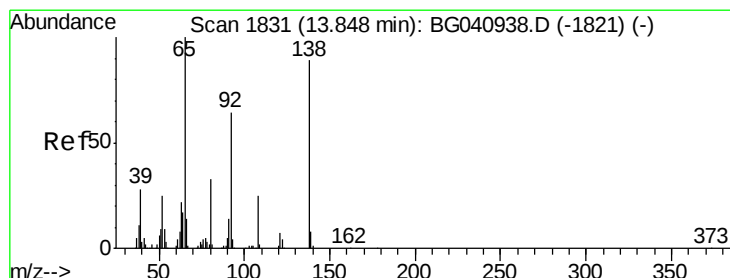
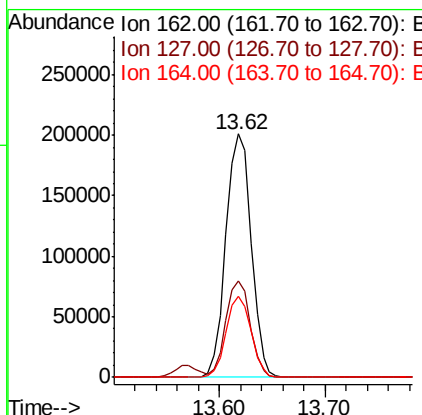
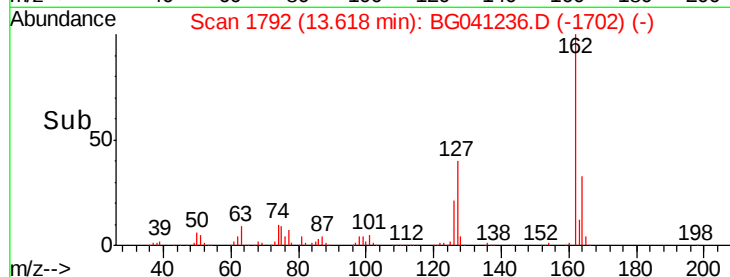
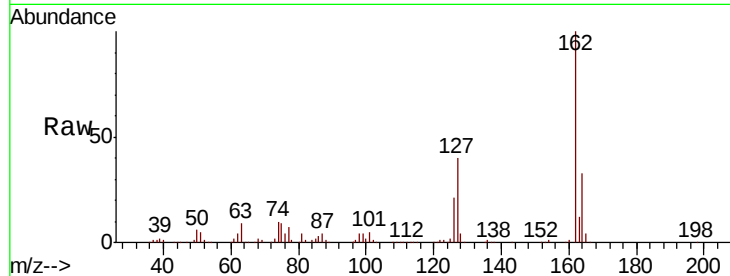
#47
 2-Chloronaphthalene
 Concen: 45.441 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061119-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.7	30.5	45.7	
164	33.1	25.8	38.6	

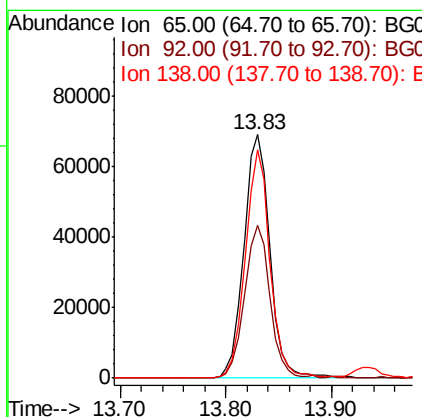
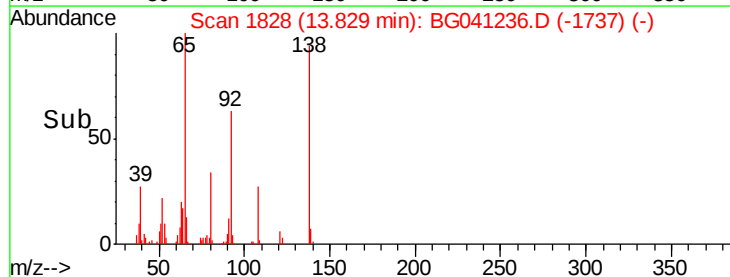
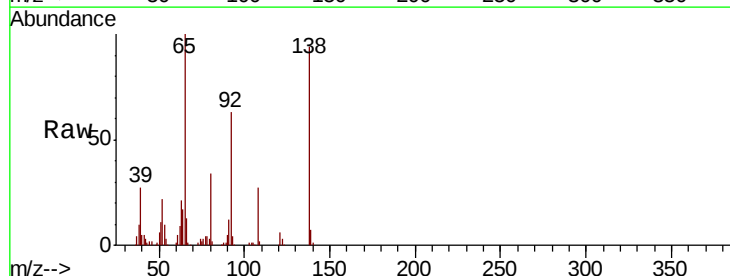
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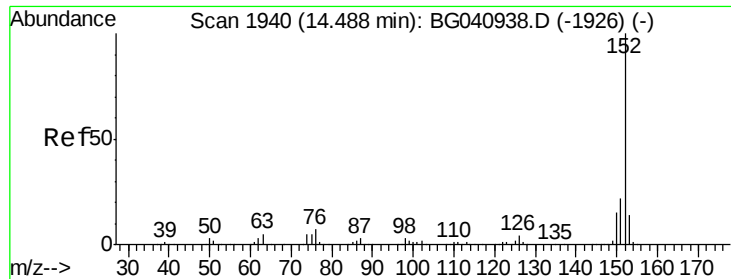
mohammad
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#48
 2-Nitroaniline
 Concen: 45.008 ng
 RT: 13.83 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	62.9	51.0	76.6	
138	93.9	71.2	106.8	





#49

Acenaphthylene

Concen: 46.418 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

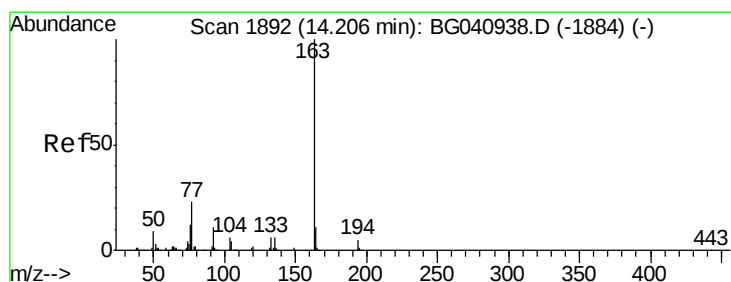
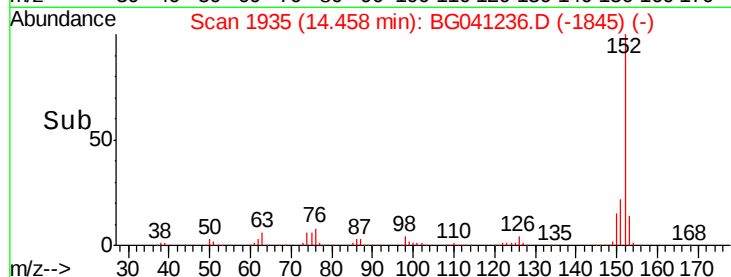
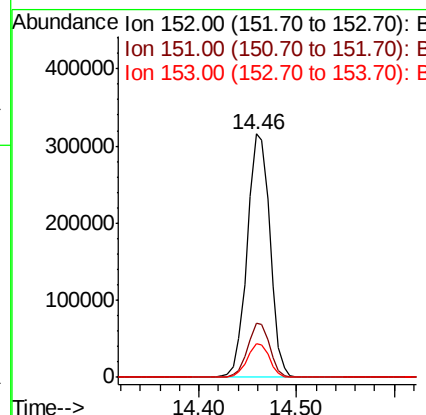
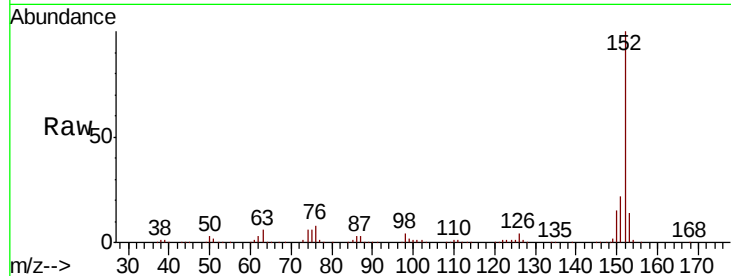
ClientSampleId :

OR-03-061119-AMSD

Tot Ion:	152	Resp:	513029
Ion Ratio	Lower	Upper	
152	100		
151	22.0	17.4	26.0
153	13.7	11.0	16.4

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#50

Dimethylphthalate

Concen: 44.734 ng

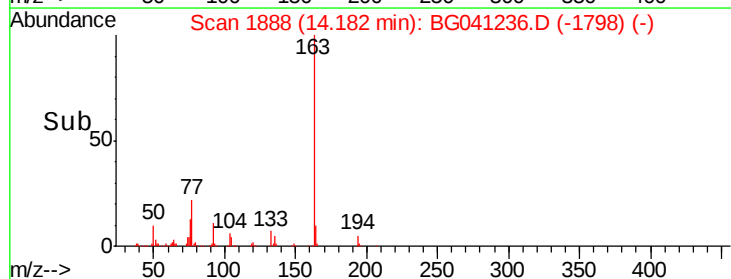
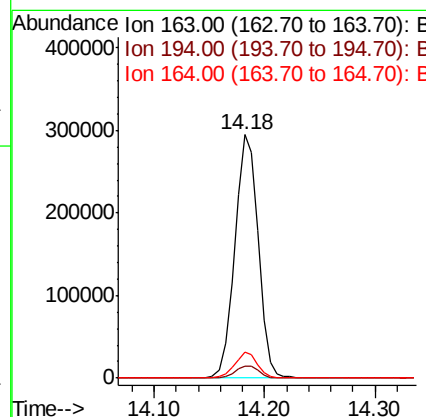
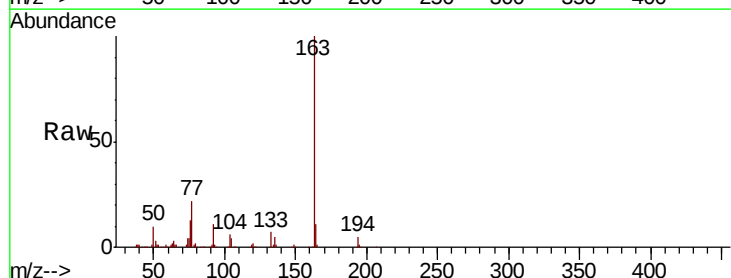
RT: 14.18 min Scan# 1888

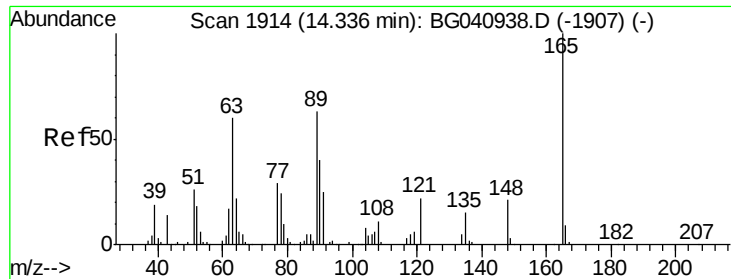
Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Tgt Ion:	163	Resp:	437594
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.8	5.8
164	10.5	8.7	13.1





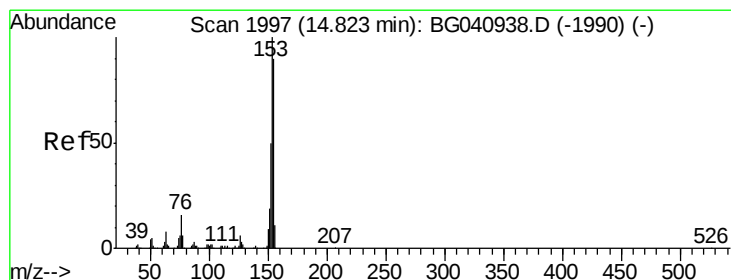
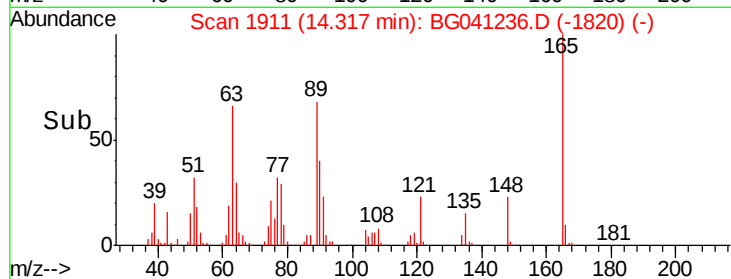
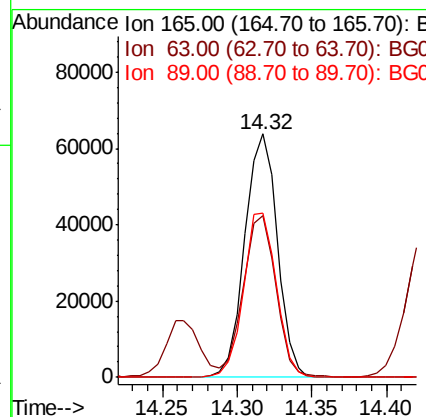
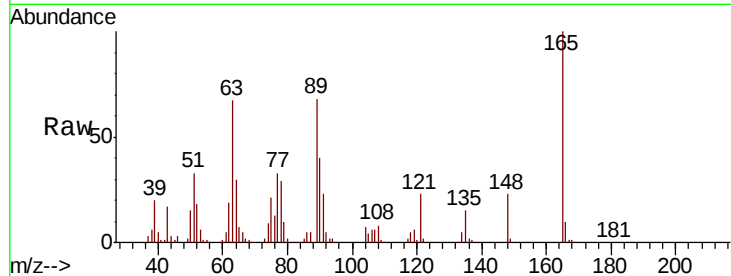
#51
2,6-Dinitrotoluene
Concen: 45.560 ng
RT: 14.32 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	66.5	53.6	80.4
89	67.5	50.4	75.6

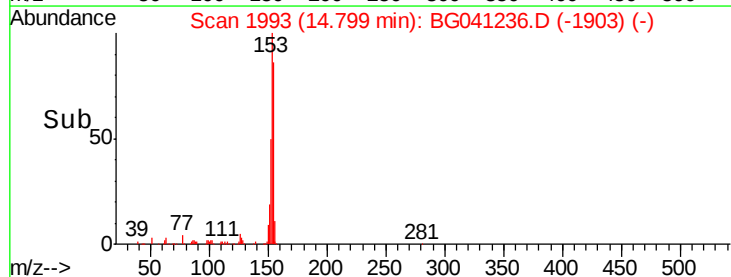
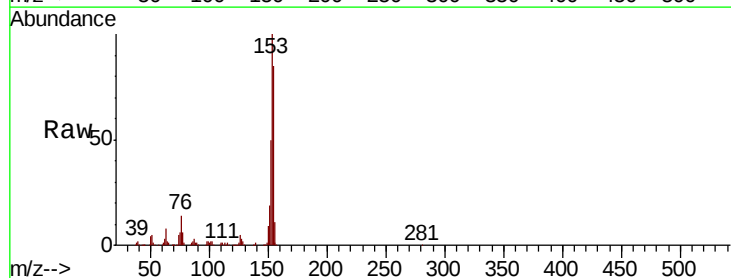
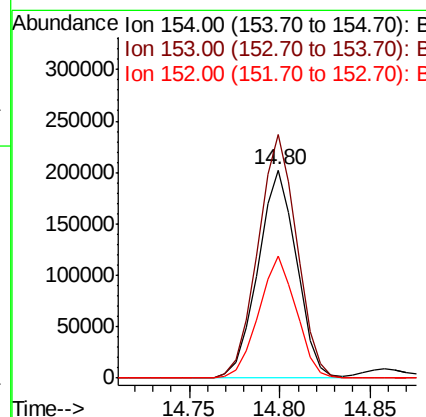
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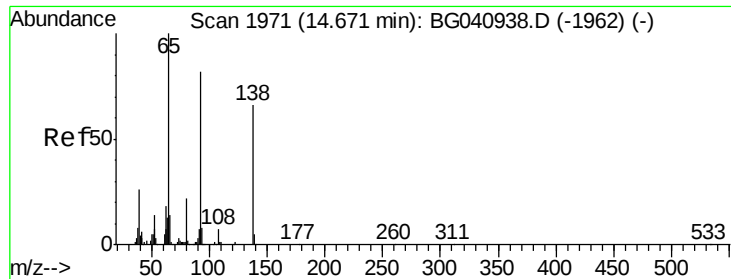
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#52
Acenaphthene
Concen: 44.681 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.0	88.6	133.0
152	58.5	44.2	66.4





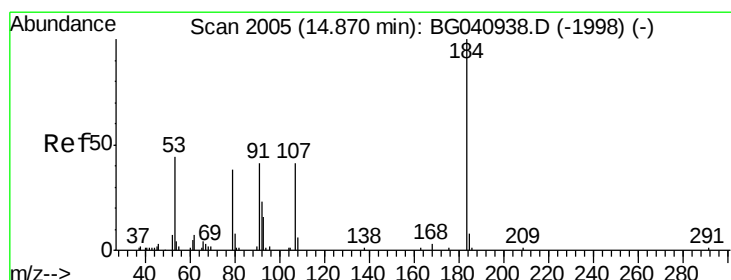
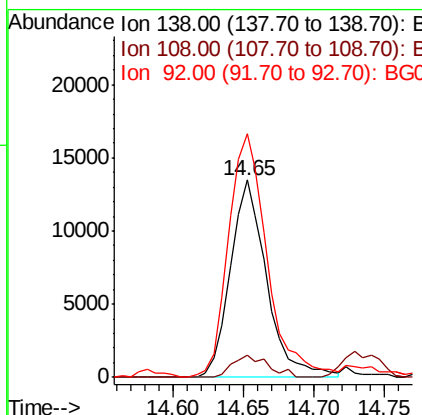
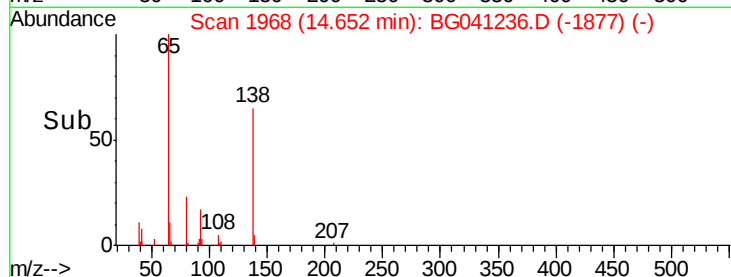
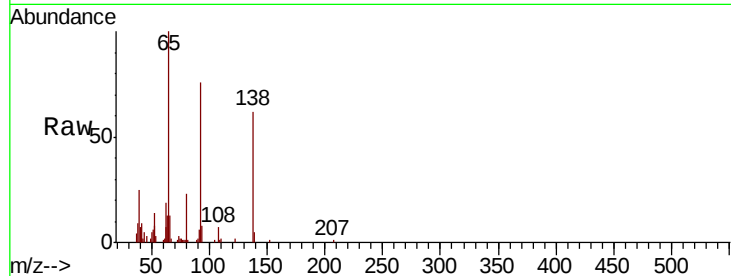
#53
3-Nitroaniline
Concen: 11.436 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.5	12.7
92	123.3	99.0	148.6

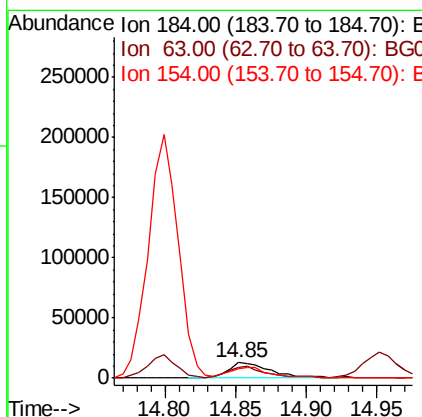
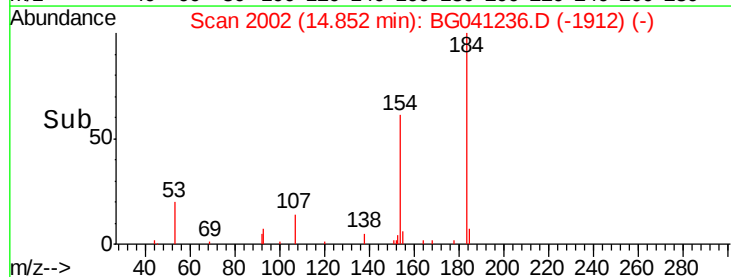
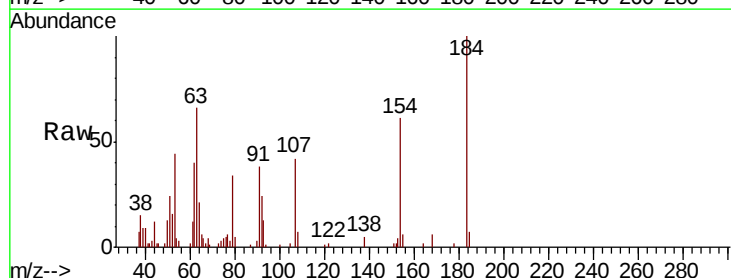
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#54
2,4-Dinitrophenol
Concen: 35.654 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.5	49.8	74.6
154	60.6	52.2	78.4





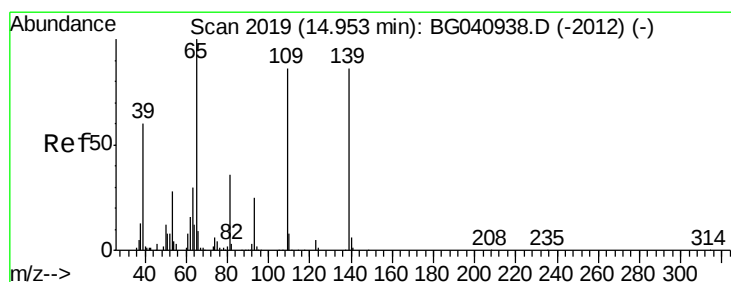
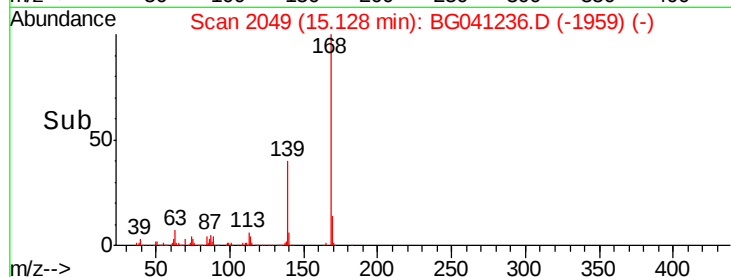
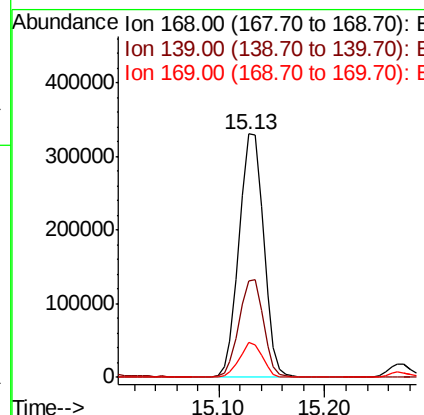
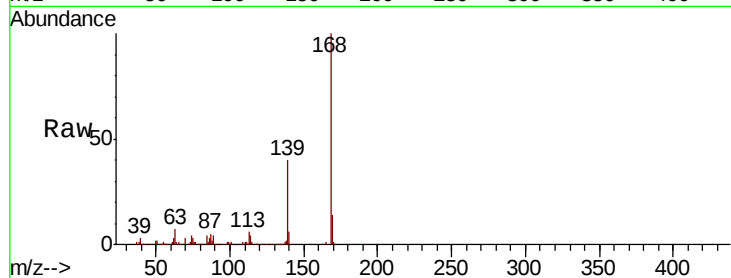
#55
Dibenzenofuran
Concen: 47.214 ng
RT: 15.13 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	32.8	49.2
169	14.1	11.3	16.9

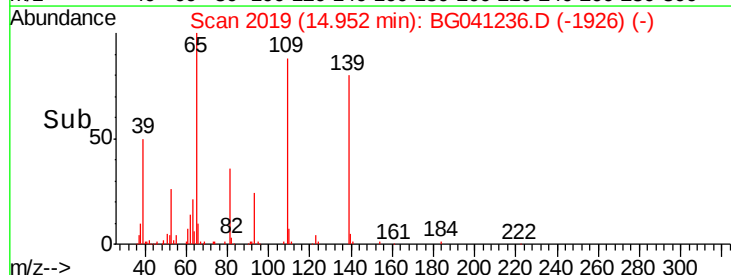
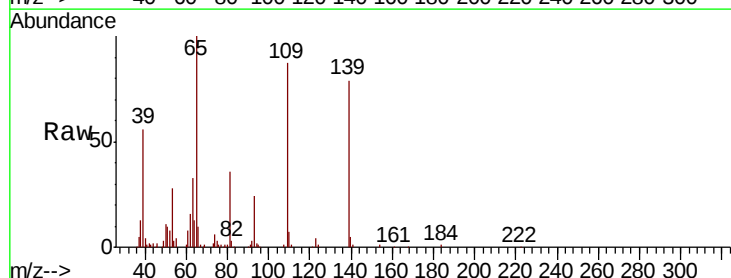
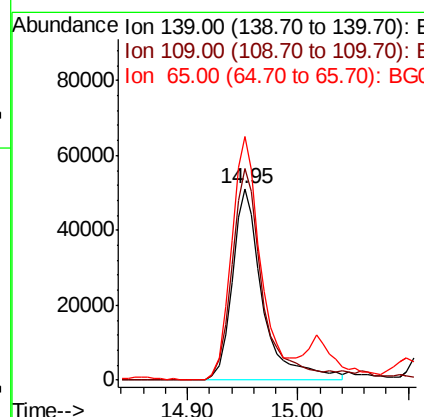
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#56
4-Nitrophenol
Concen: 67.864 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	111.0	79.6	119.6
65	127.4	96.9	136.9





#57

2,4-Dinitrotoluene

Concen: 46.559 ng

RT: 15.10 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

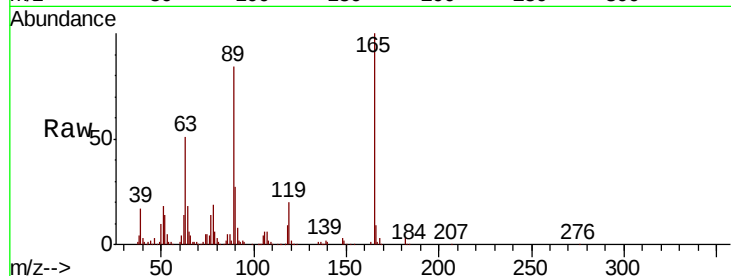
ClientSampleId :

OR-03-061119-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	50.9	37.3	55.9		
89	84.0	61.0	91.6		
182	3.0	2.2	3.2		

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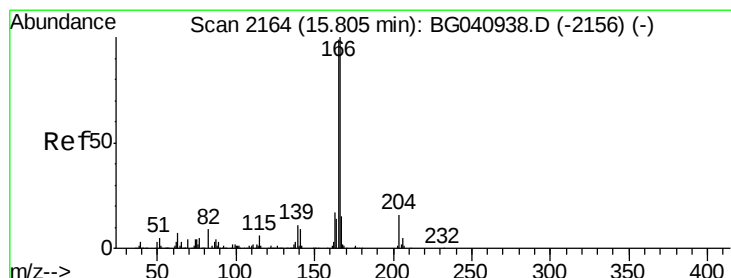
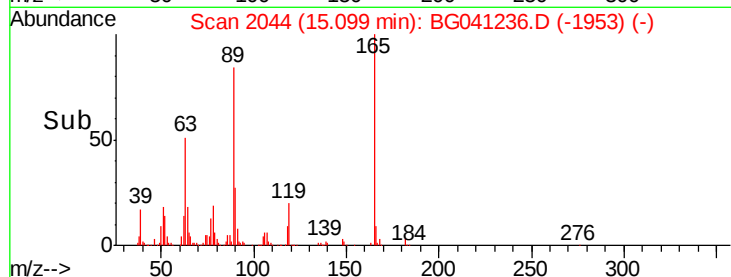
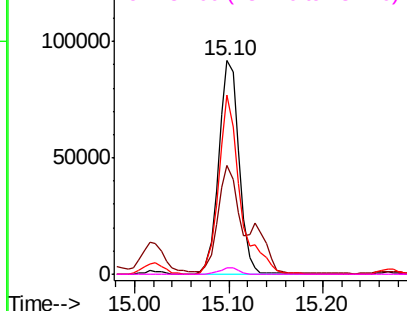


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 46.332 ng

RT: 15.78 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG041236.D

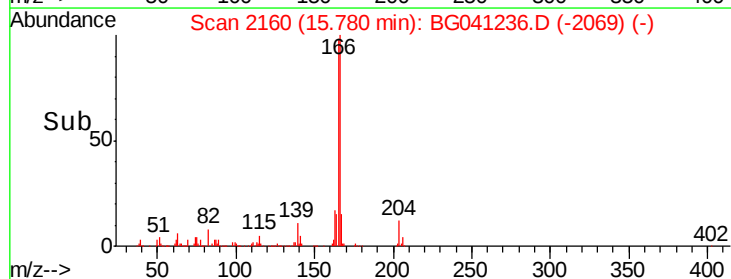
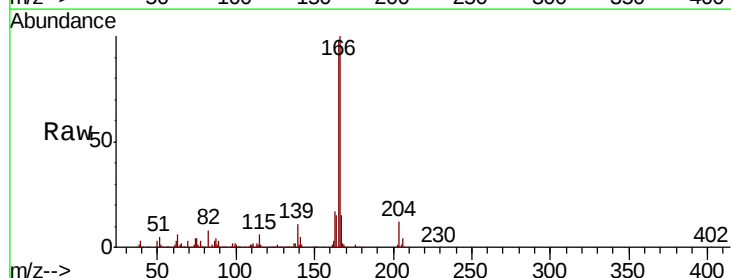
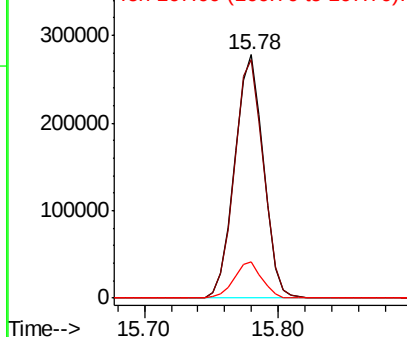
Acq: 14 Jun 2019 1:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	98.2	79.2	118.8		
167	14.6	11.8	17.6		

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





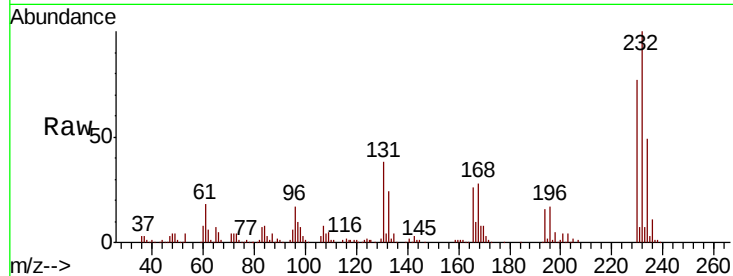
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.422 ng
 RT: 15.35 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061119-AMSD

Tot Ion:	232	Resp:	148094
Ion Ratio	Lower	Upper	
232	100		
131	36.5	30.3	45.5
130	2.3	1.8	2.8
166	24.3	21.3	31.9

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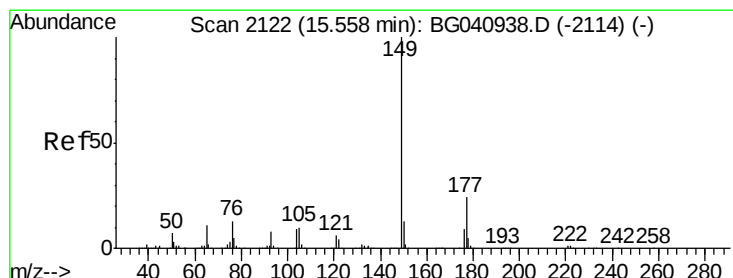
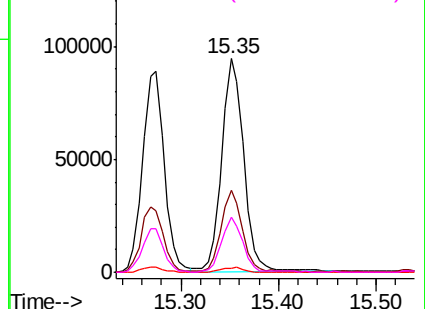
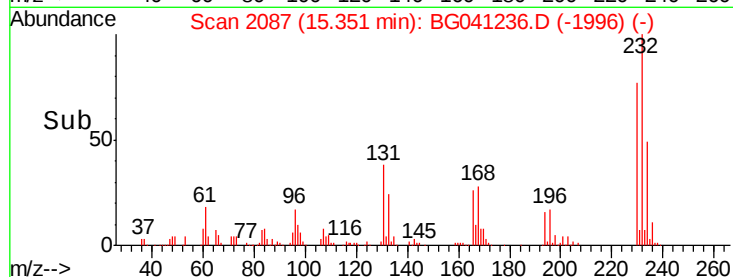
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

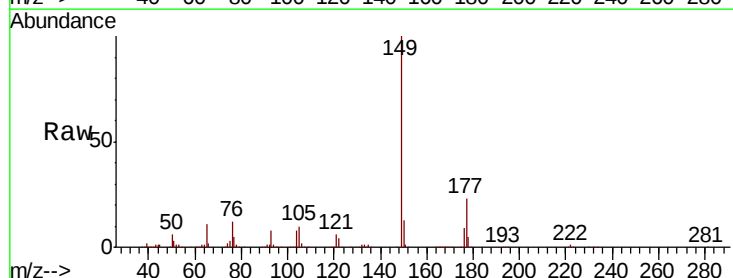
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 44.476 ng
 RT: 15.53 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Tgt Ion:	149	Resp:	444003
Ion Ratio	Lower	Upper	
149	100		
177	22.9	19.4	29.0
150	13.1	10.3	15.5

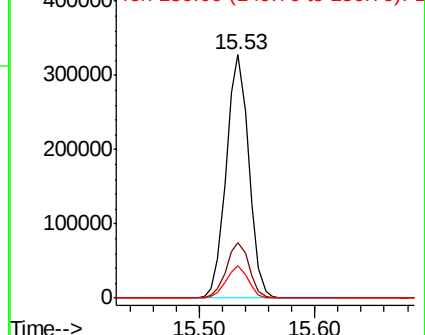
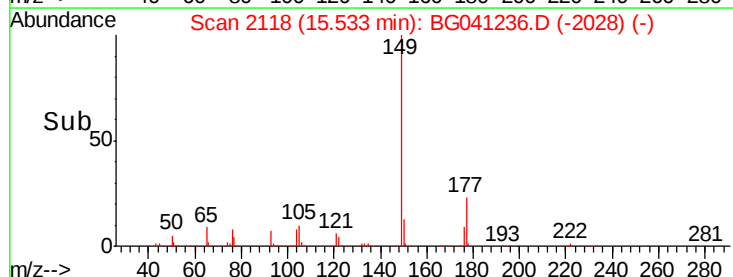


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





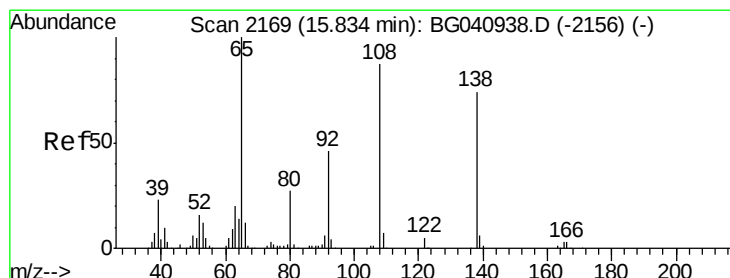
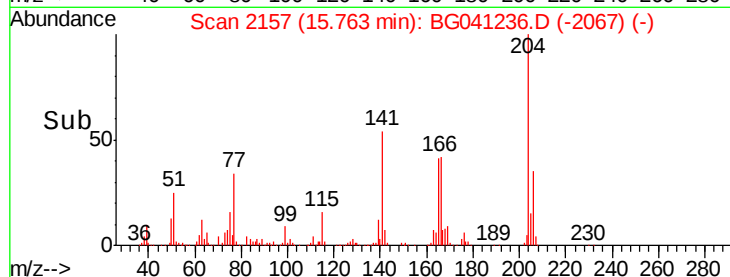
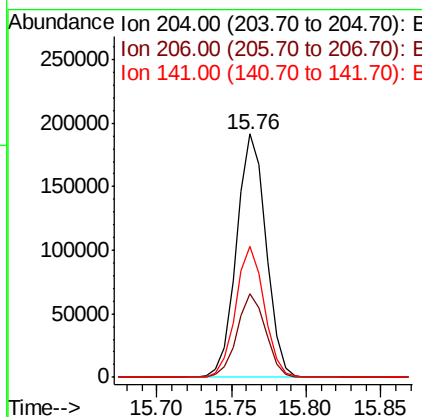
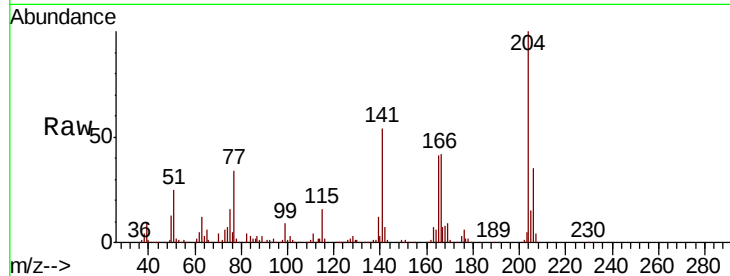
#61
4-Chlorophenyl-phenylether
Concen: 45.175 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	27.6	41.4
141	53.6	45.1	67.7

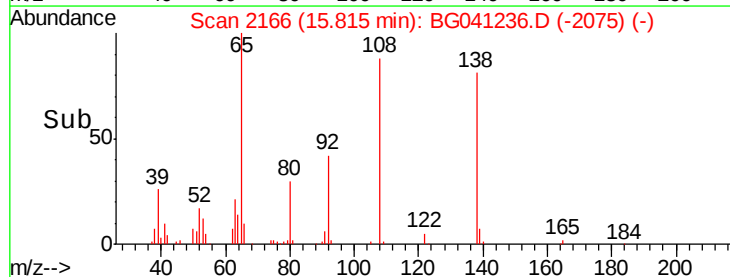
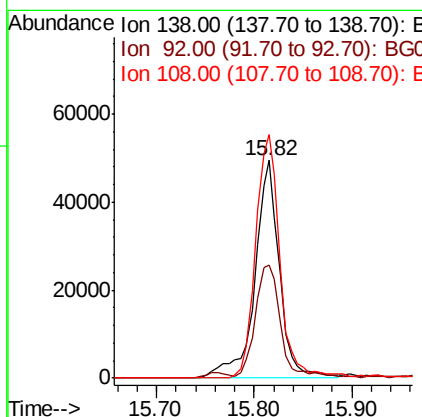
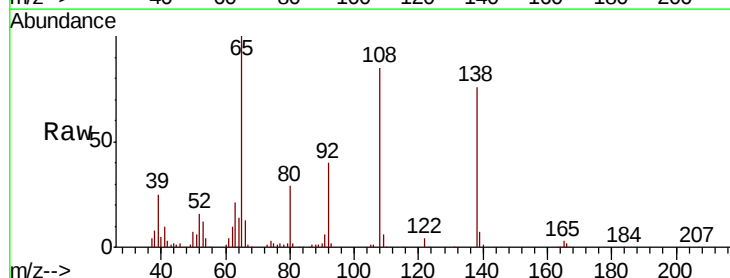
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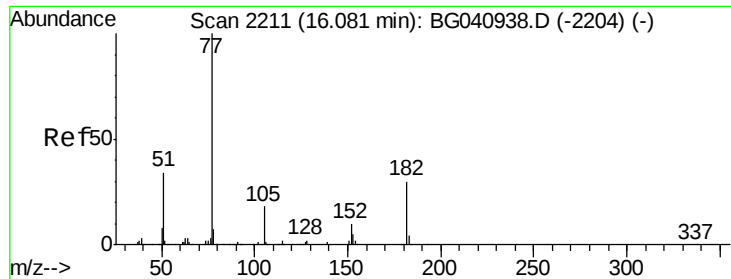
mohammad
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#62
4-Nitroaniline
Concen: 39.697 ng
RT: 15.82 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.1	42.4	82.4
108	111.9	96.9	136.9





#63

Azobenzene

Concen: 44.831 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

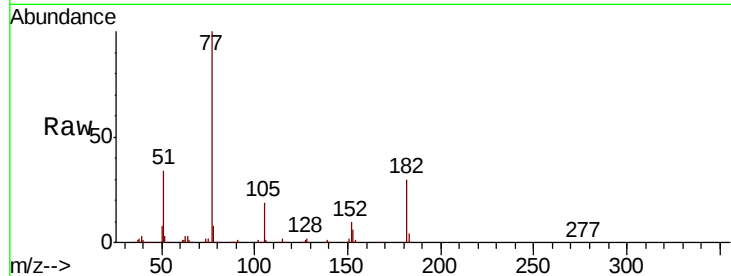
ClientSampleId :

OR-03-061119-AMSD

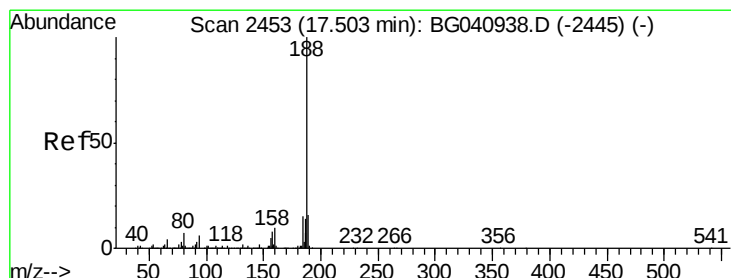
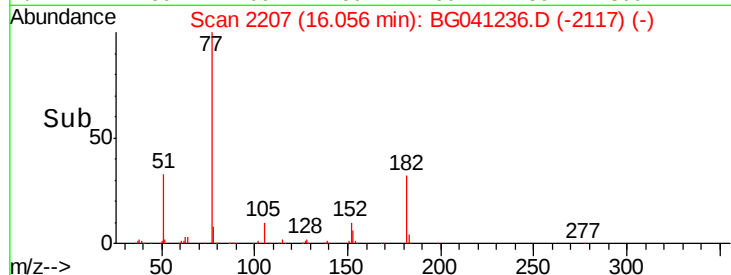
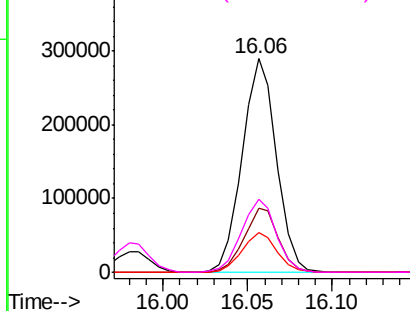
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	29.9	9.6	49.6		
105	18.7	0.0	37.5		
51	34.2	13.7	53.7		

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

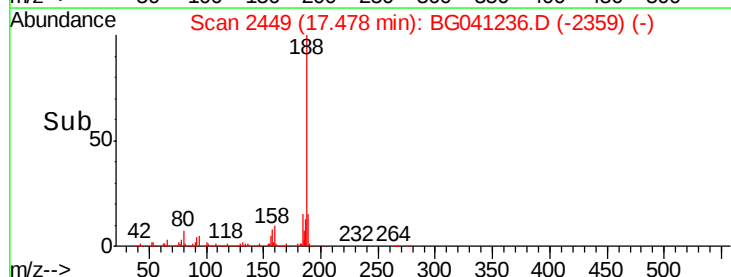
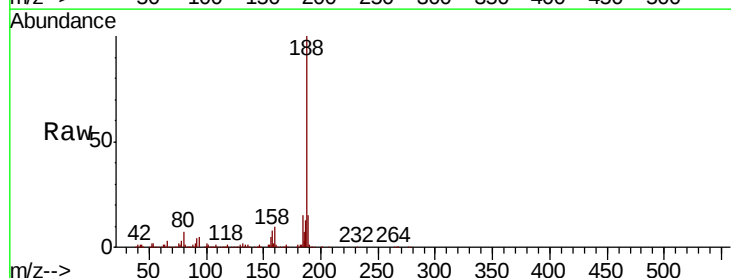
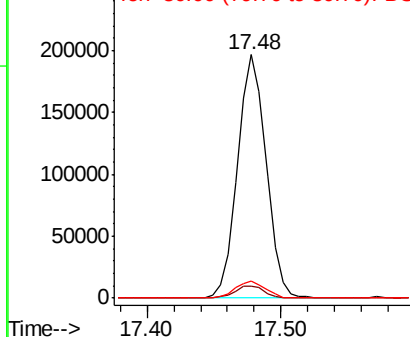
Delta R.T. -0.00 min

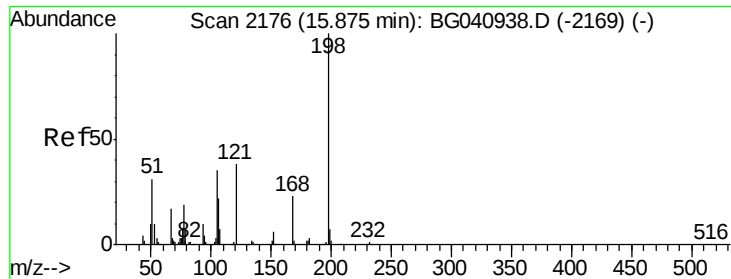
Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	5.1	4.7	7.1		
80	6.9	5.8	8.8		

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





#65

4,6-Dinitro-2-methylphenol

Concen: 27.834 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

ClientSampleId :

OR-03-061119-AMSD

Tot Ion:198 Resp: 36658

Ion Ratio Lower Upper

198 100

51 46.6 21.6 61.6

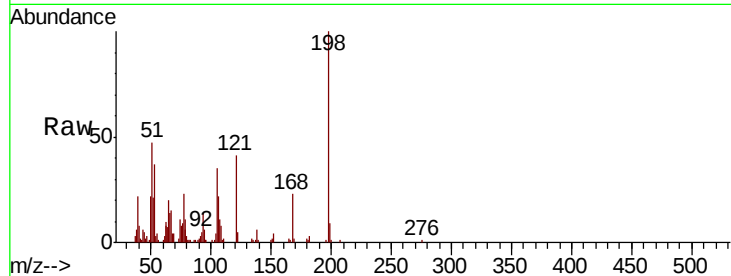
105 35.1 17.5 57.5

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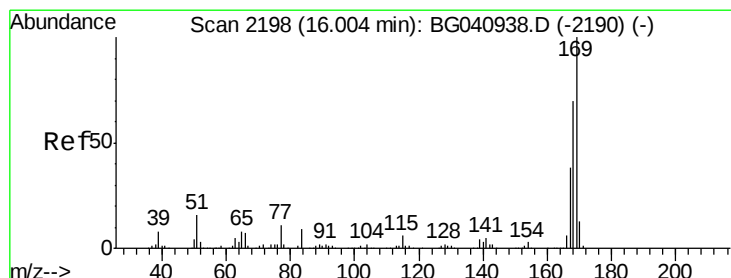
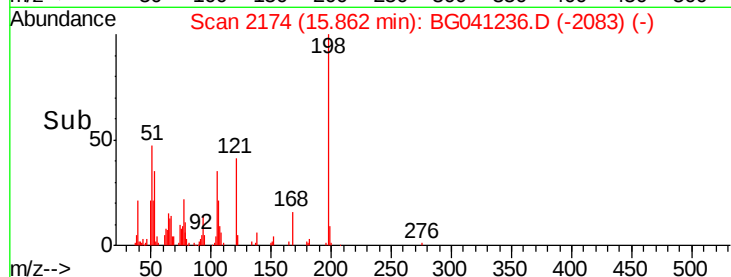
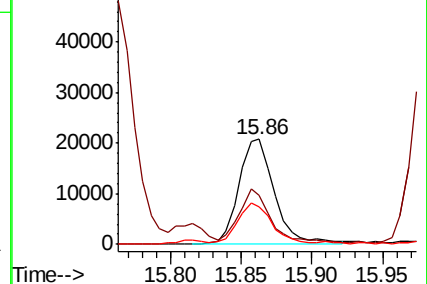
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.893 ng

RT: 15.99 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

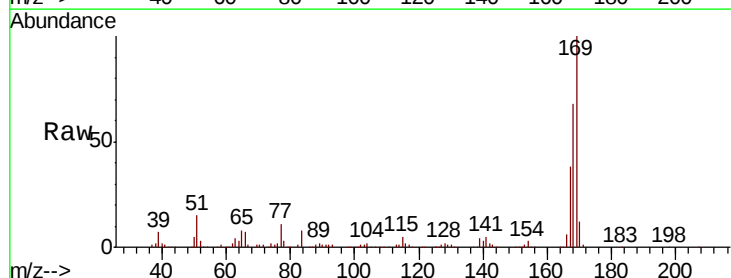
Tgt Ion:169 Resp: 368327

Ion Ratio Lower Upper

169 100

168 68.1 55.7 83.5

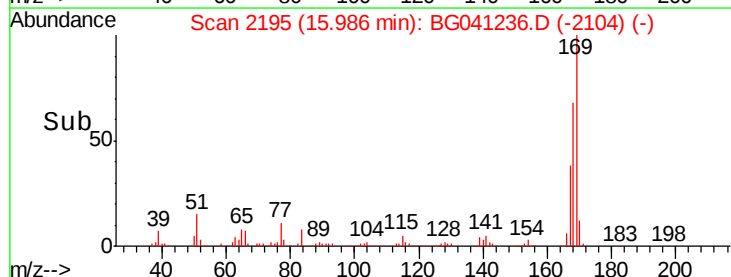
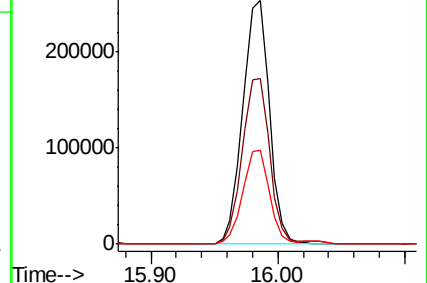
167 38.4 30.2 45.2



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: 43.029 ng

RT: 16.66 min Scan# 2310

Delta R.T. 0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

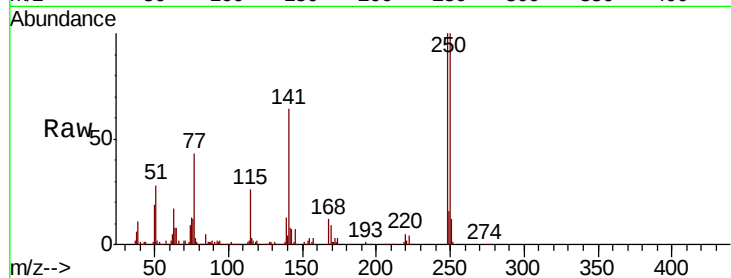
ClientSampleId :

OR-03-061119-AMSD

Tot Ion:	248	Resp:	169478
Ion Ratio	Lower	Upper	
248	100		
250	99.6	75.0	112.4
141	63.8	52.4	78.6

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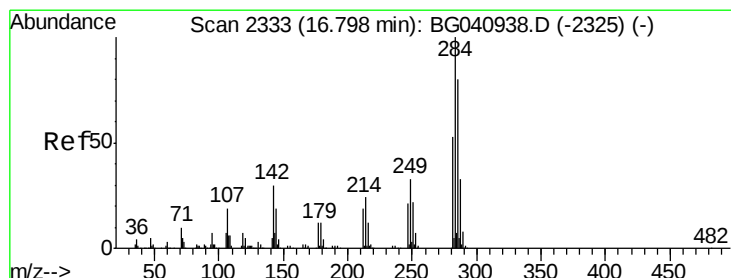
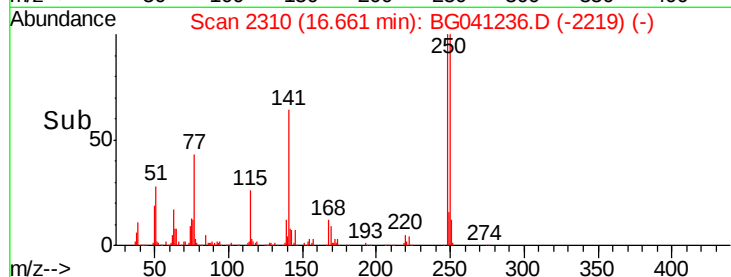
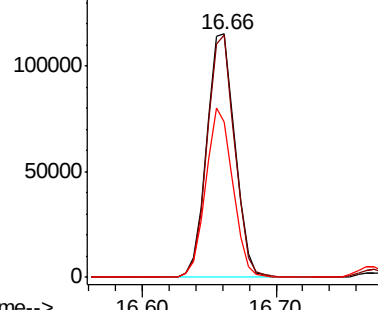


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 42.653 ng

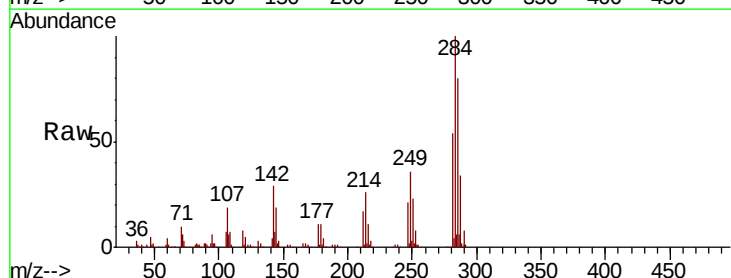
RT: 16.77 min Scan# 2329

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Tgt Ion:	284	Resp:	178892
Ion Ratio	Lower	Upper	
284	100		
142	29.2	23.9	35.9
249	35.9	26.8	40.2

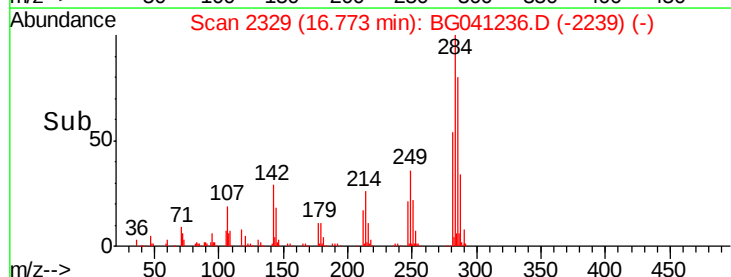
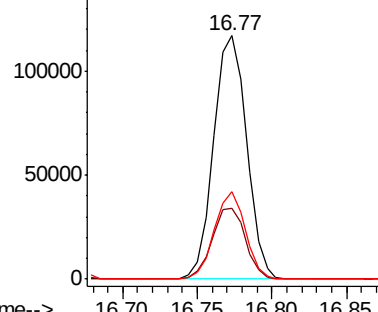


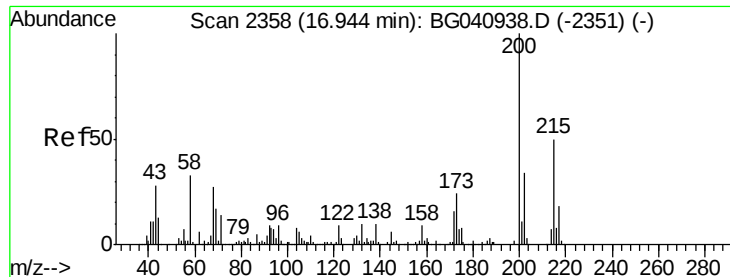
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 49.000 ng

RT: 16.93 min Scan# 2355

Delta R.T. 0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

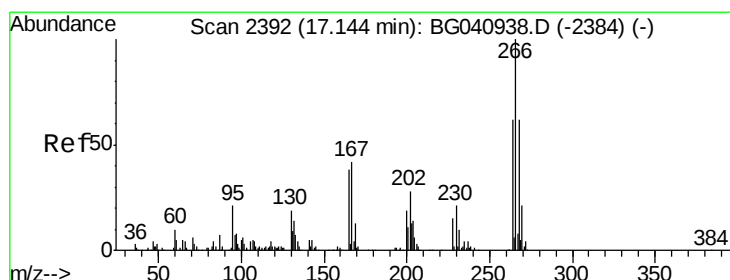
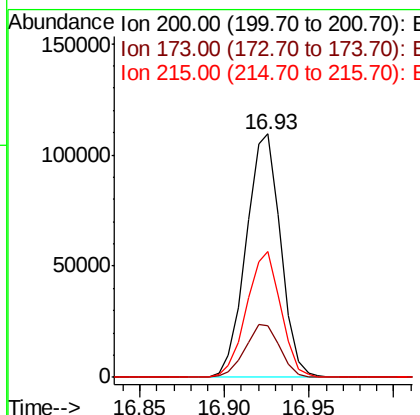
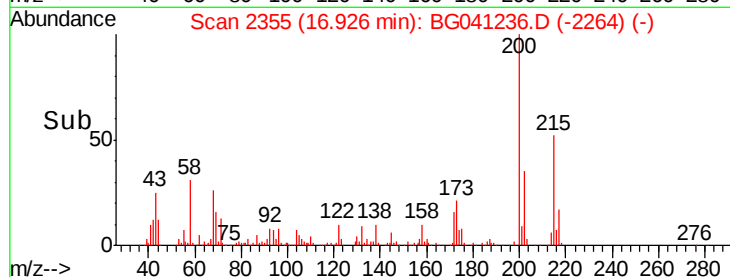
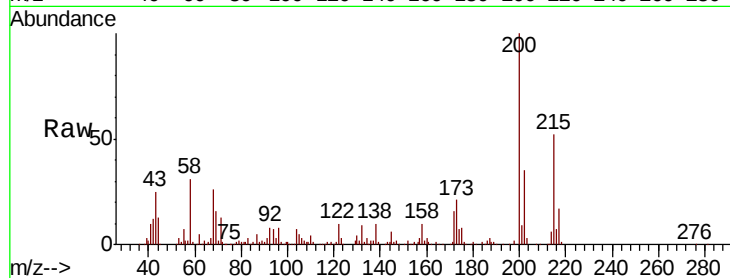
ClientSampleId :

OR-03-061119-AMSD

Tot Ion:	200	Resp:	155120
Ion Ratio	Lower	Upper	
200	100		
173	21.4	3.6	43.6
215	51.6	29.6	69.6

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#70

Pentachlorophenol

Concen: 63.092 ng

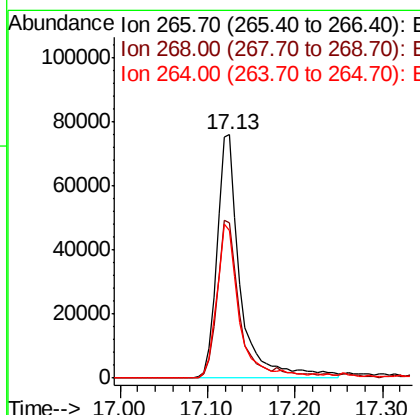
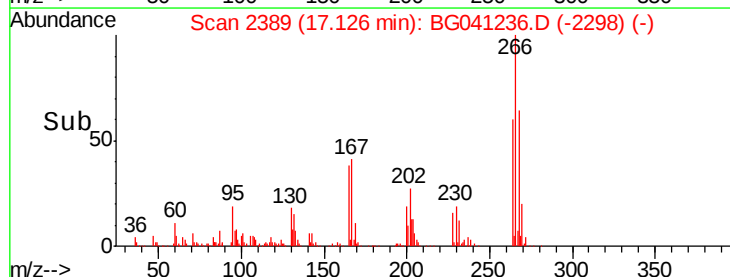
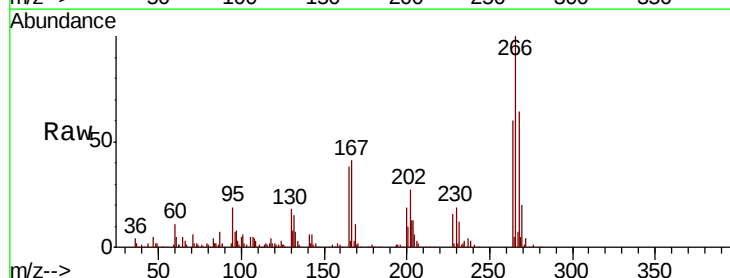
RT: 17.13 min Scan# 2389

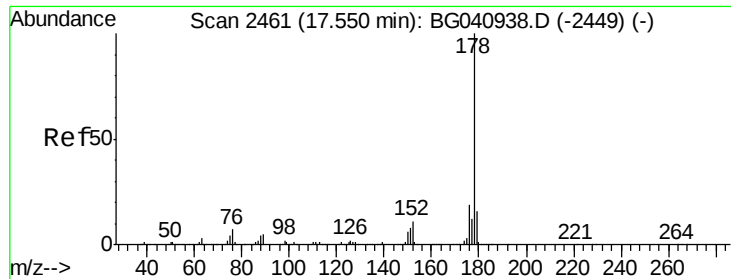
Delta R.T. 0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Tgt Ion:	266	Resp:	139621
Ion Ratio	Lower	Upper	
266	100		
268	63.7	53.1	79.7
264	60.4	49.9	74.9





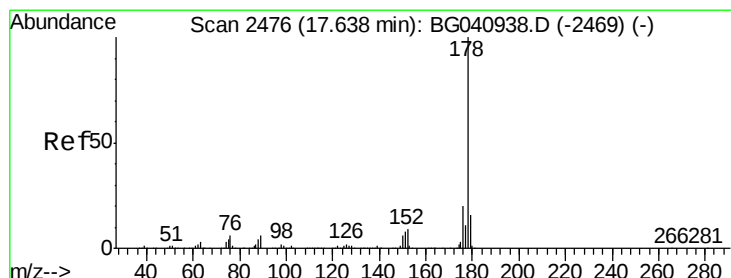
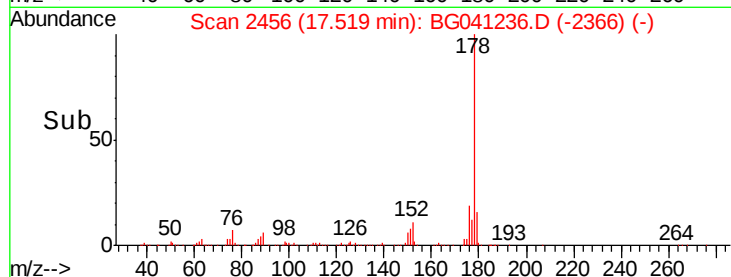
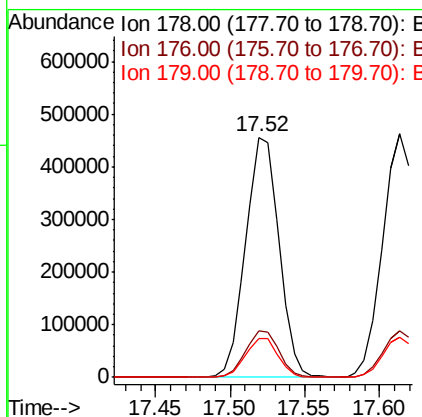
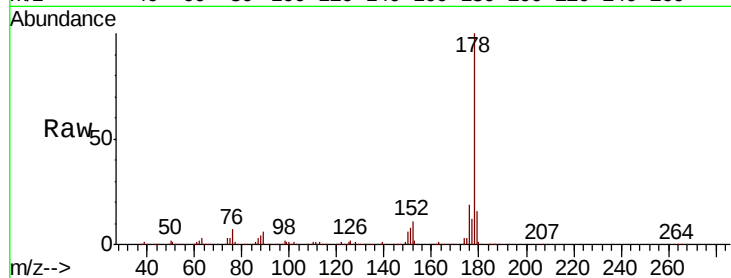
#71
Phenanthrene
Concen: 46.332 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	16.3	12.7	19.1

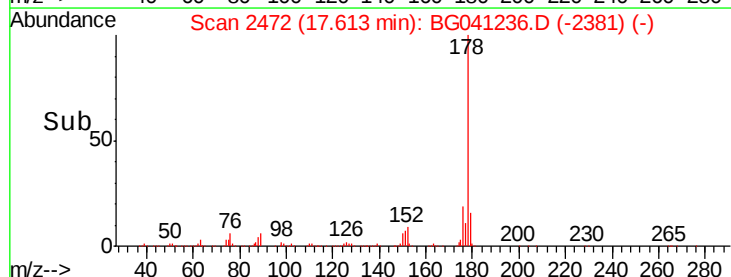
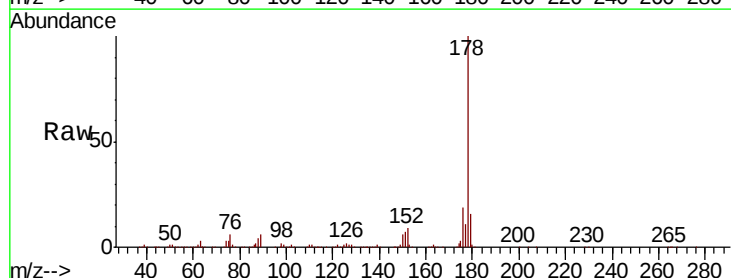
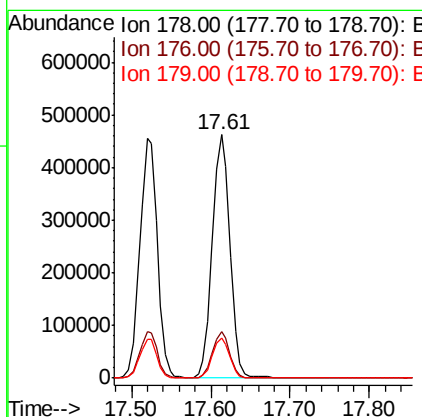
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#72
Anthracene
Concen: 47.573 ng
RT: 17.61 min Scan# 2472
Delta R.T. 0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	16.4	13.0	19.4





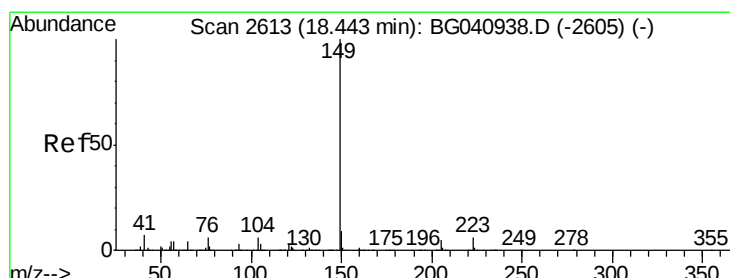
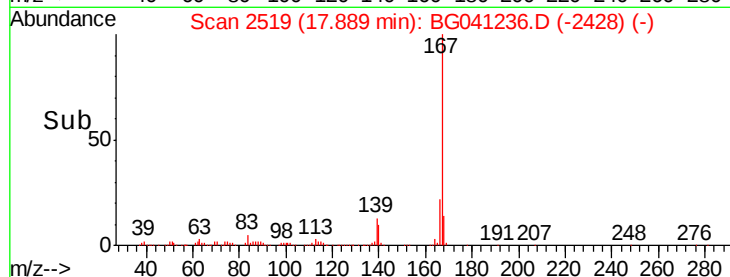
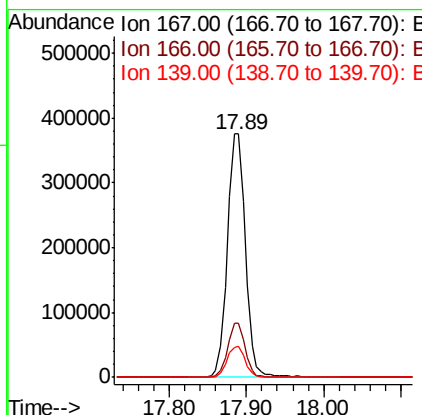
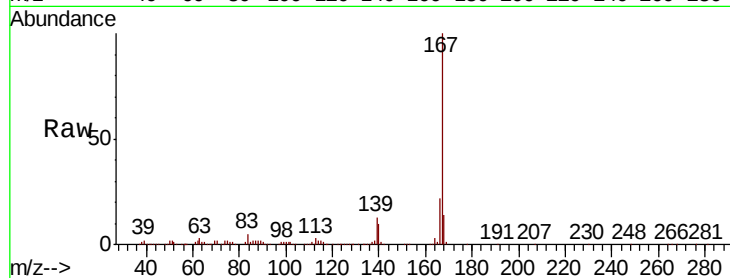
#73
 Carbazole
 Concen: 47.983 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061119-AMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	12.7	10.8	16.2

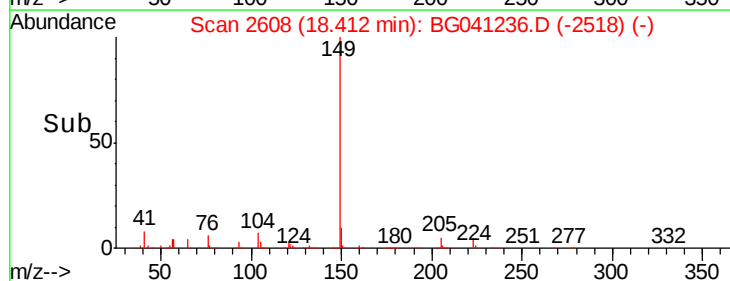
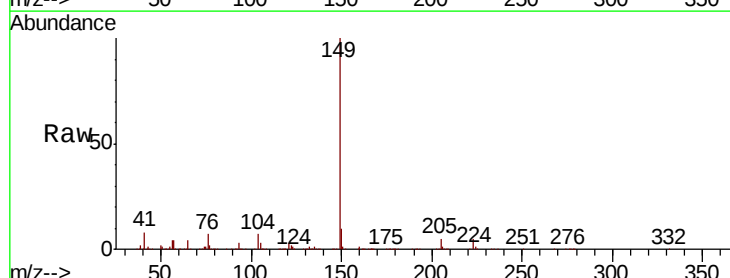
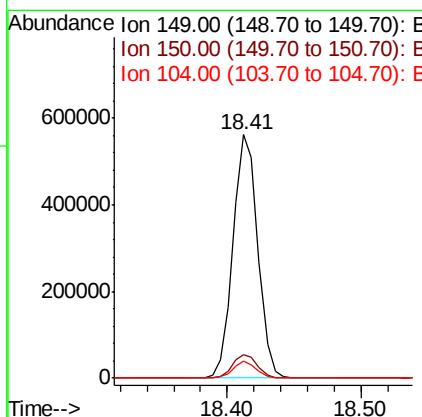
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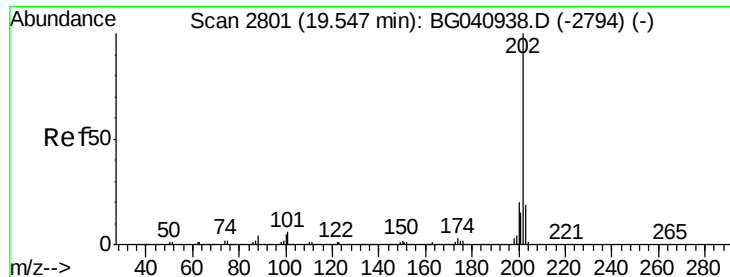
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#74
 Di-n-butylphthalate
 Concen: 45.464 ng
 RT: 18.41 min Scan# 2608
 Delta R.T. -0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.2
104	6.8	5.0	7.4





#75

Fluoranthene

Concen: 48.082 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

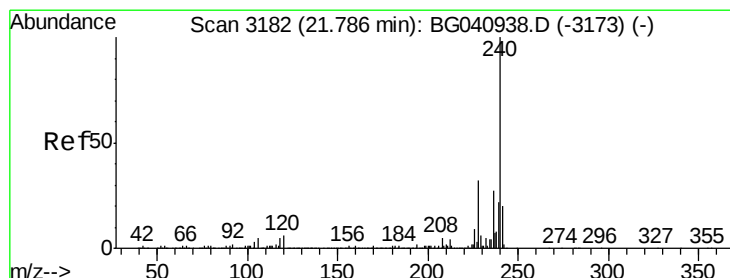
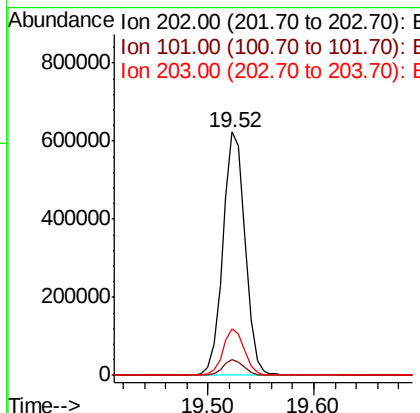
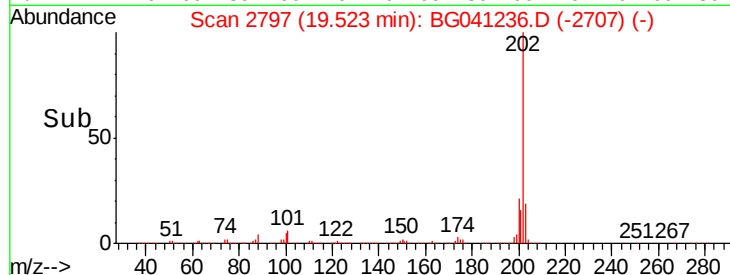
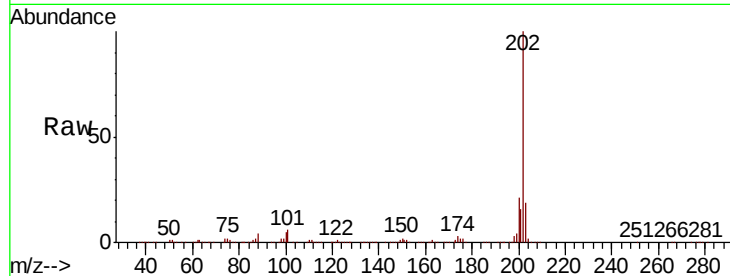
ClientSampleId :

OR-03-061119-AMSD

Tot Ion:	202	Resp:	902869
Ion Ratio		Lower	Upper
202	100		
101	6.3	0.0	26.2
203	19.0	0.0	38.7

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#76

Chrysene-d12

Concen: 20.000 ng

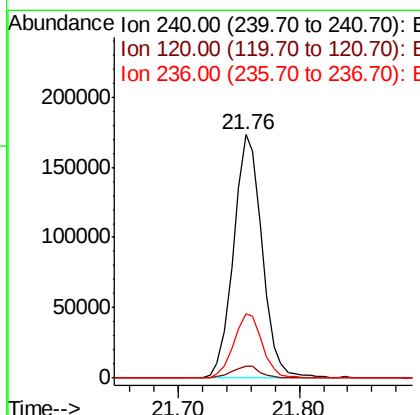
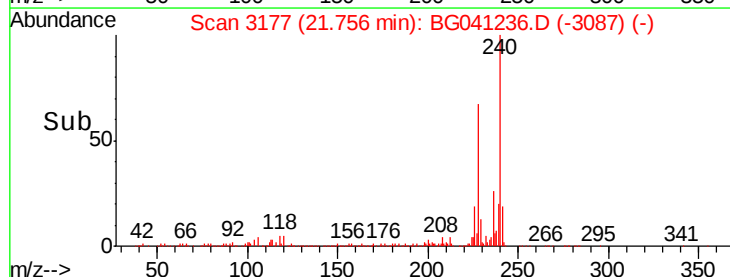
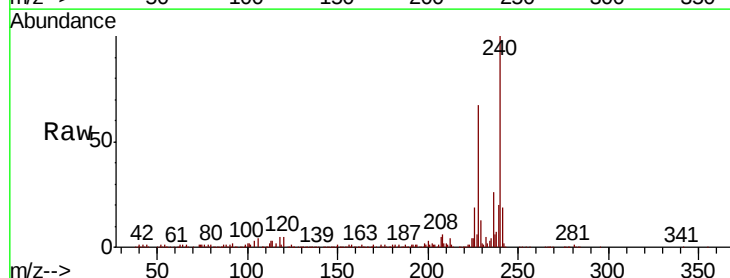
RT: 21.76 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Tgt Ion:	240	Resp:	285573
Ion Ratio		Lower	Upper
240	100		
120	5.1	4.5	6.7
236	26.3	21.3	31.9





#77

Benzidine

Concen: 5.670 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

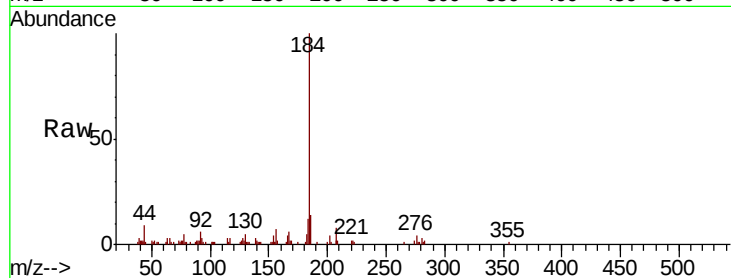
ClientSampleId :

OR-03-061119-AMSD

Tot Ion:	184	Resp:	38627
Ion Ratio	Lower	Upper	
184	100		
185	14.4	13.3	19.9
183	12.0	10.7	16.1

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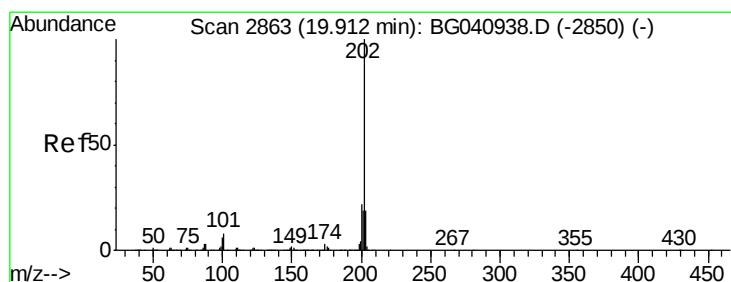
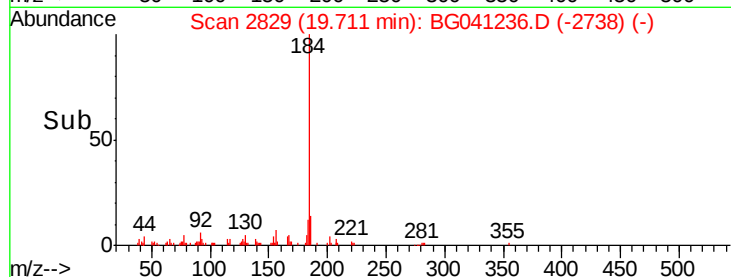
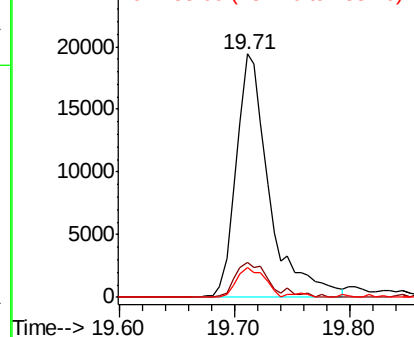


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.880 ng

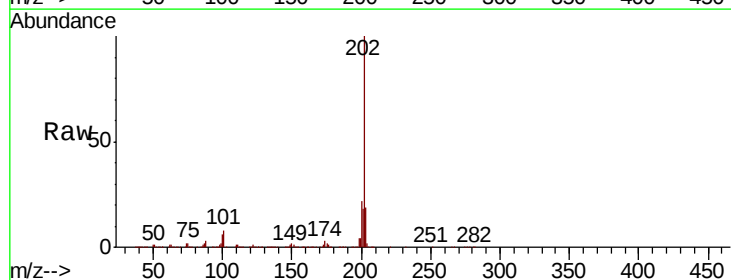
RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Tgt Ion:	202	Resp:	907422
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.5	26.3
203	19.4	15.6	23.4

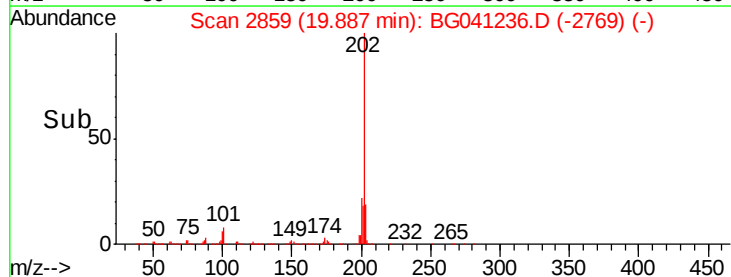
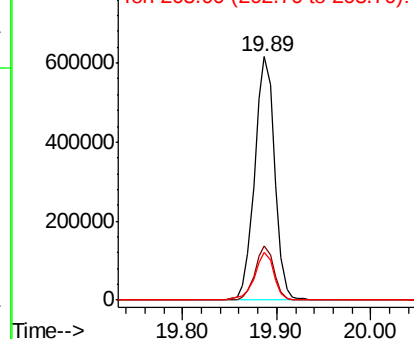


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 101.682 ng

RT: 20.08 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

ClientSampleId :

OR-03-061119-AMSD

Tot Ion:244 Resp: 1368186

Ion Ratio Lower Upper

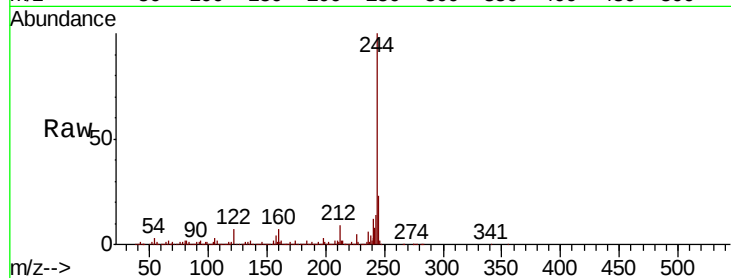
244 100

212 8.9 7.0 10.4

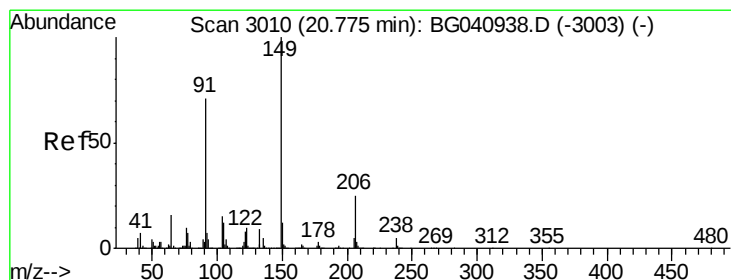
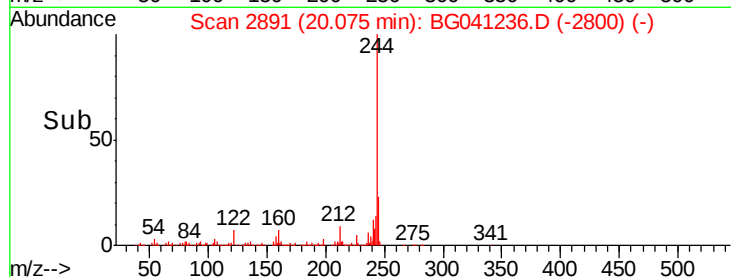
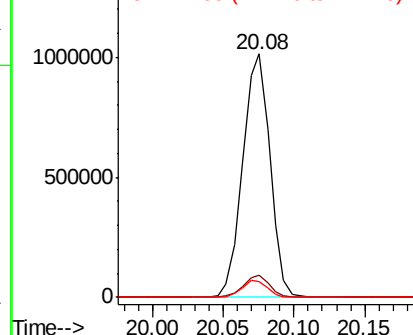
122 6.7 5.4 8.0

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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: 46.593 ng

RT: 20.75 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

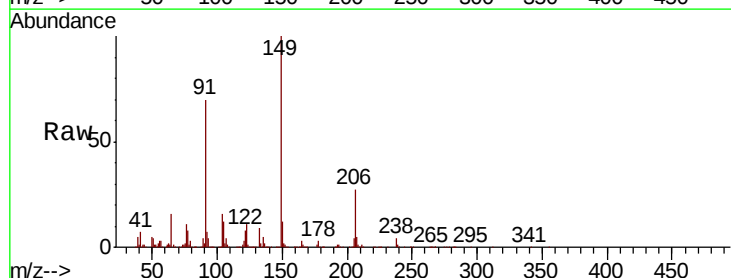
Tgt Ion:149 Resp: 336603

Ion Ratio Lower Upper

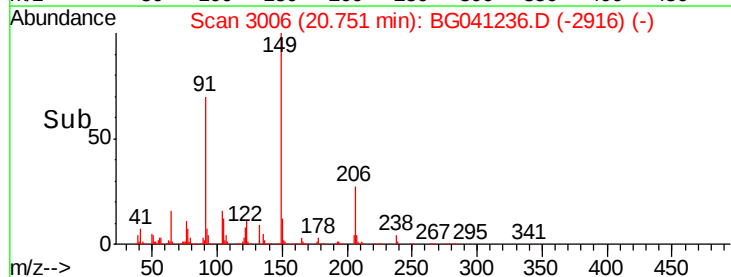
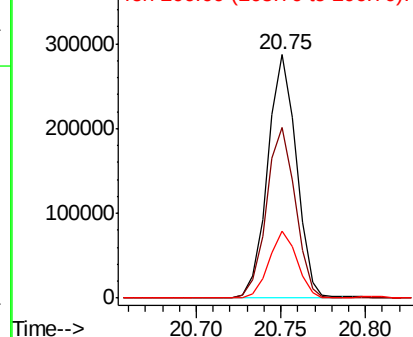
149 100

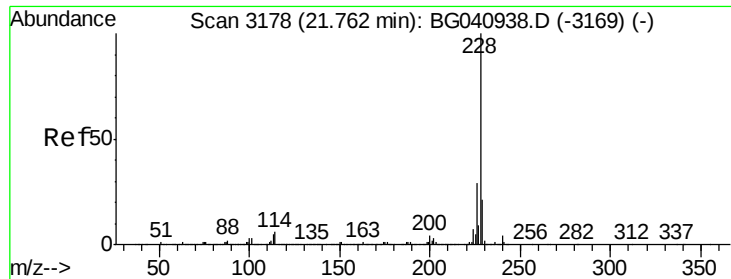
91 70.1 56.5 84.7

206 27.4 20.3 30.5



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





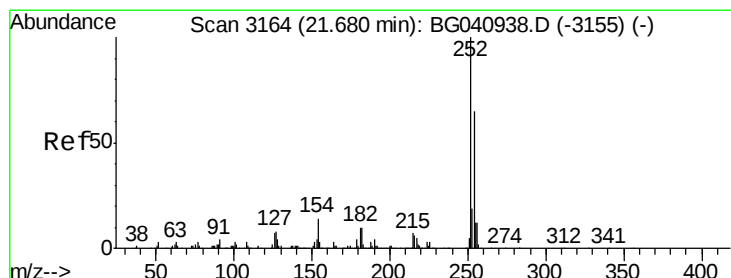
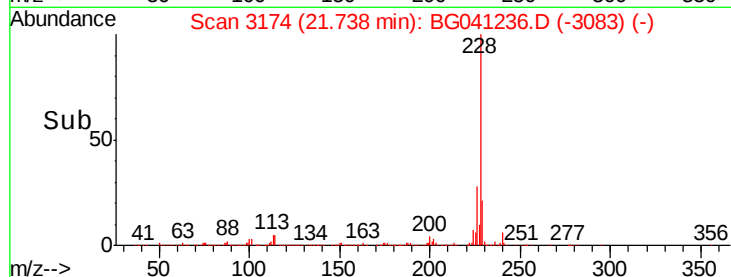
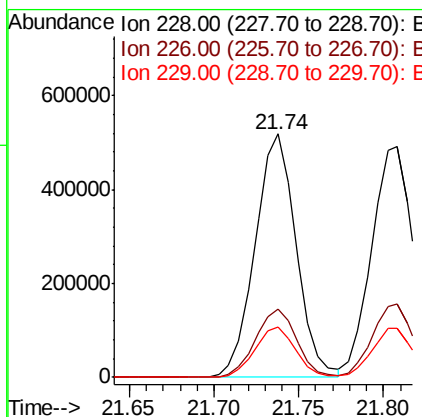
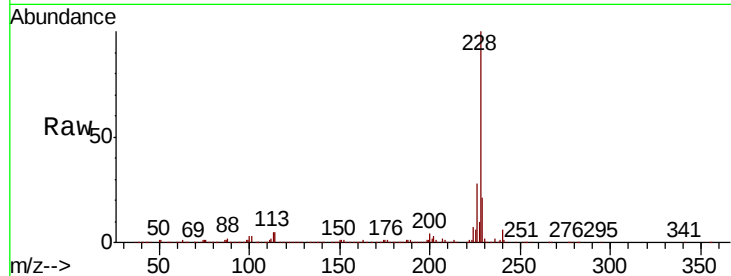
#81
Benzo(a)anthracene
Concen: 46.026 ng
RT: 21.74 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.5	35.3
229	20.5	16.7	25.1

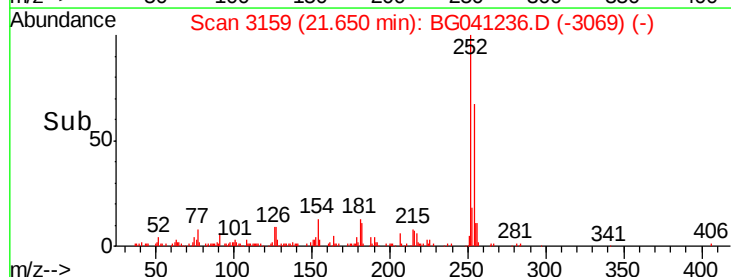
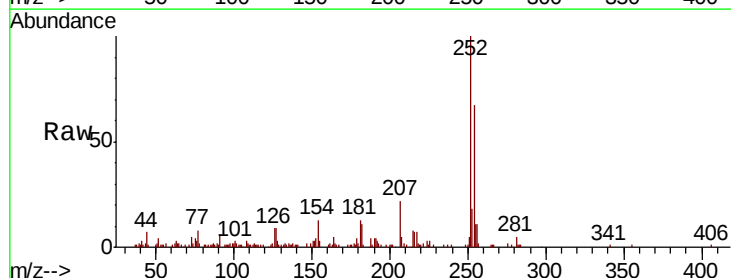
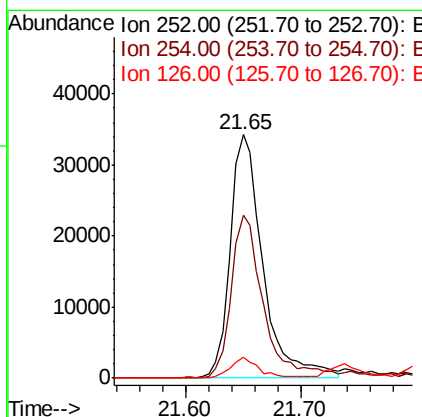
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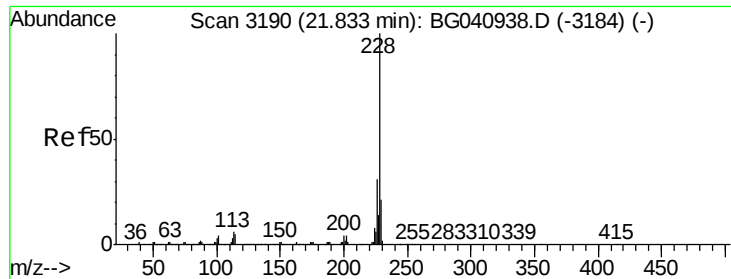
mohammad
6/17/2019 4:54:04 PM



#82
3,3'-Dichlorobenzidine
Concen: 10.077 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.2	52.1	78.1
126	8.5	5.5	8.3#





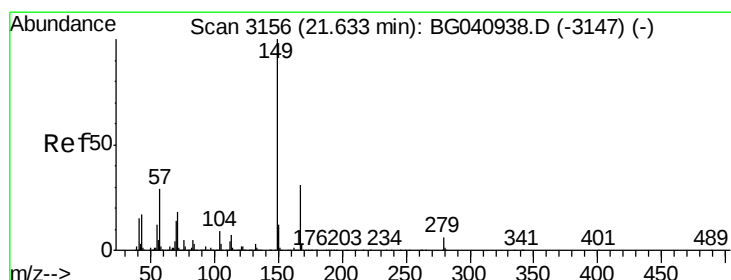
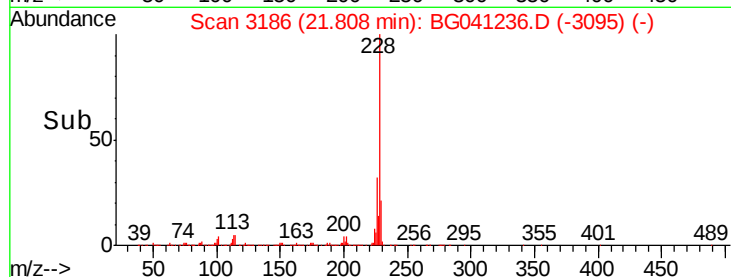
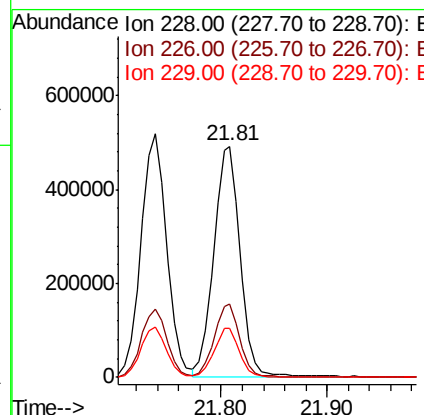
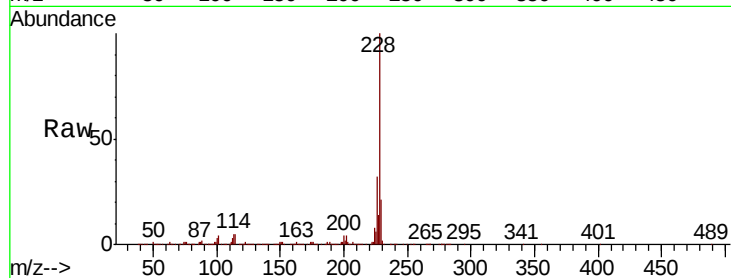
#83
 Chrysene
 Concen: 46.885 ng
 RT: 21.81 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061119-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.6	37.0
229	21.0	16.6	24.8

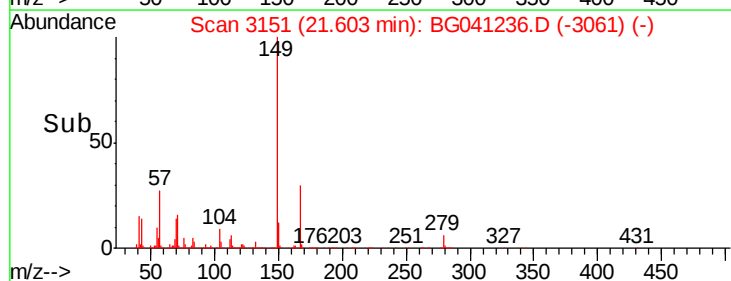
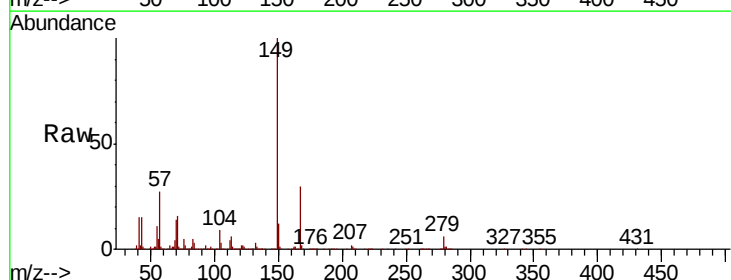
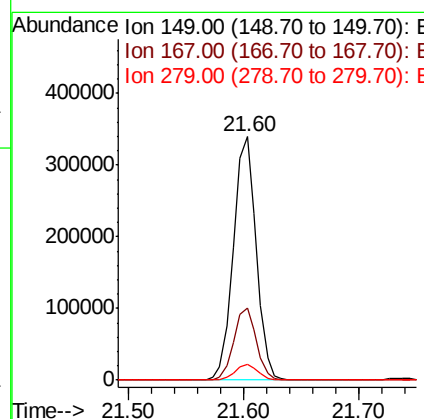
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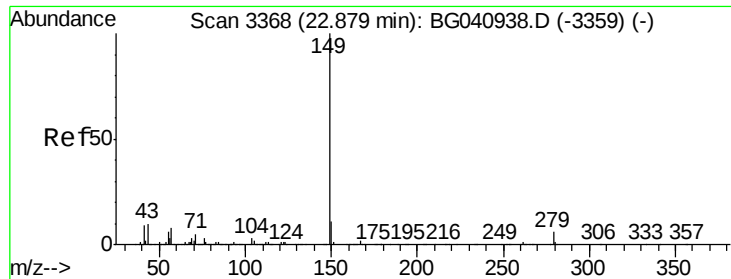
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.637 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.7	24.6	37.0
279	6.2	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 46.313 ng

RT: 22.84 min Scan# 3361

Delta R.T. -0.01 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

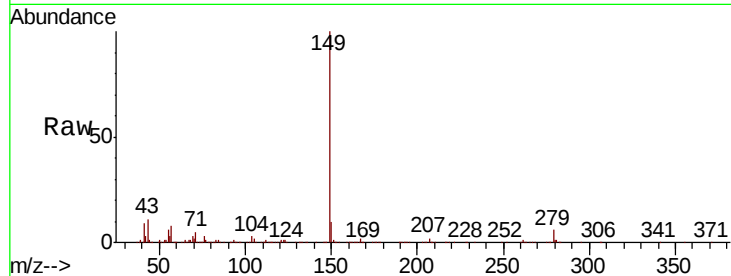
ClientSampleId :

OR-03-061119-AMSD

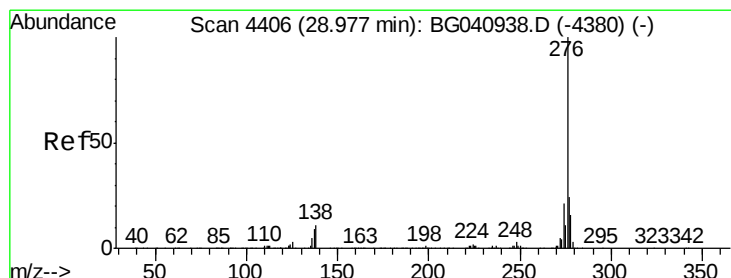
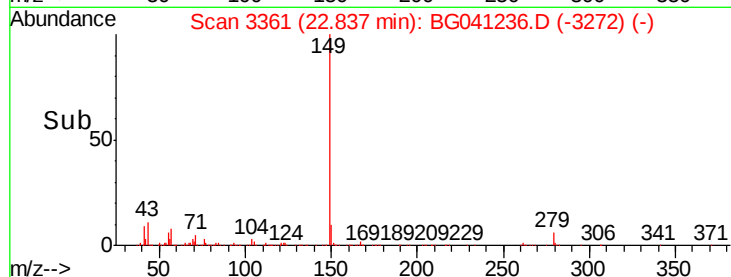
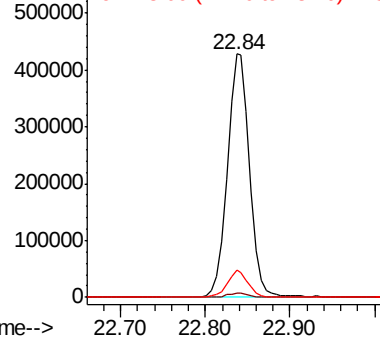
Tot Ion:	149	Resp:	784413
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	10.2	8.1	12.1

Manual Integrations
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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: 25.054 ng

RT: 28.91 min Scan# 4394

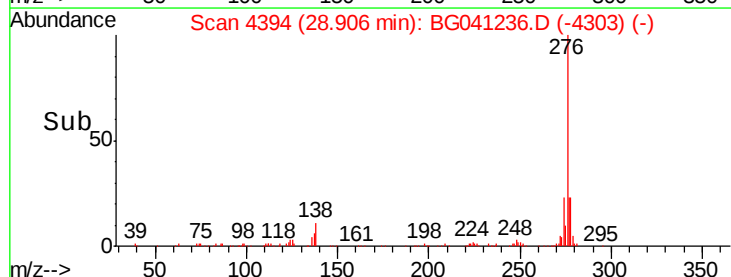
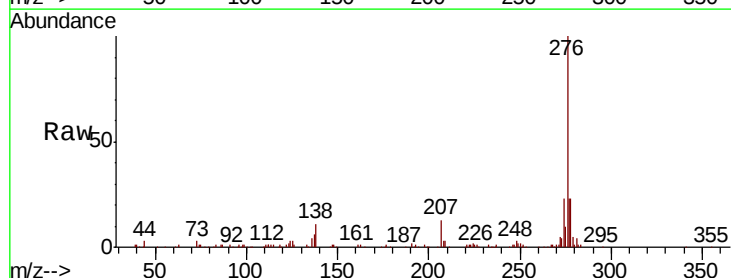
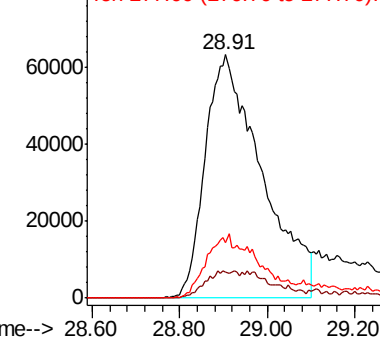
Delta R.T. 0.00 min

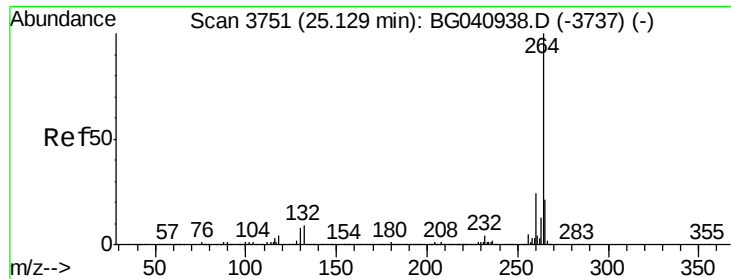
Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Tgt Ion:	276	Resp:	558301
Ion Ratio	Lower	Upper	
276	100		
138	0.0	5.7	8.5#
277	12.1	20.8	31.2#

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





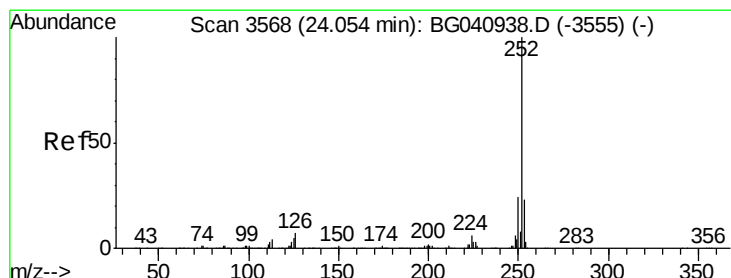
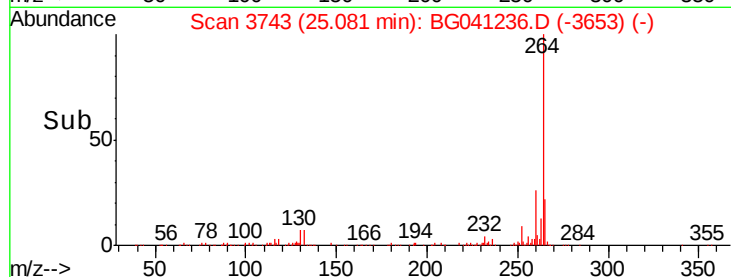
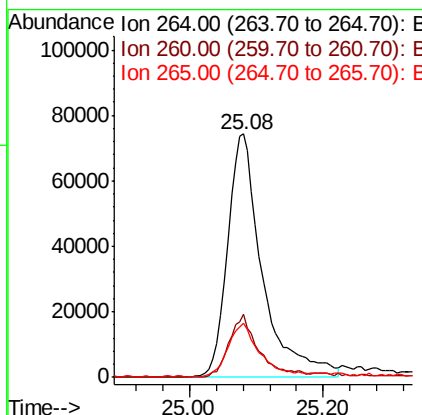
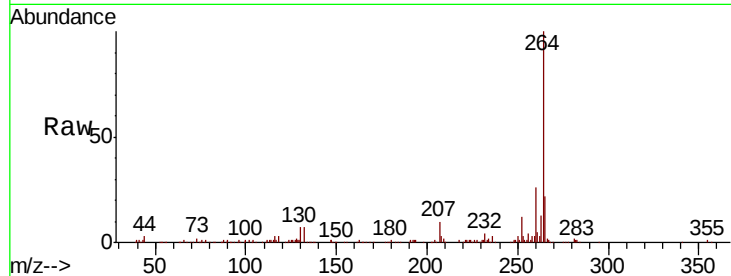
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3743
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.0	28.4
265	22.2	17.0	25.4

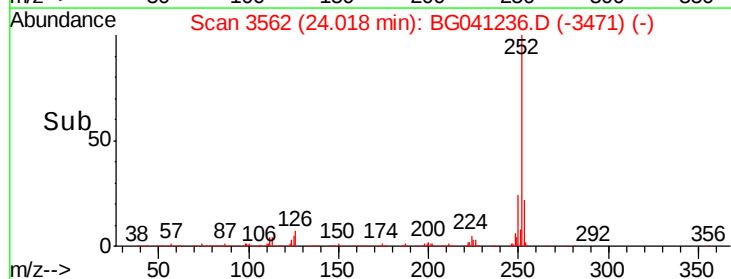
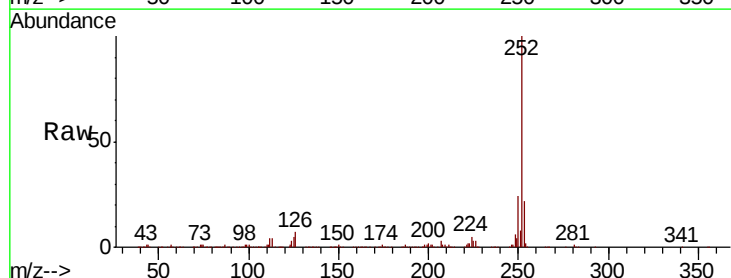
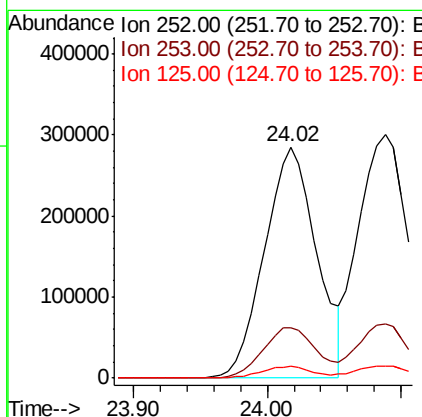
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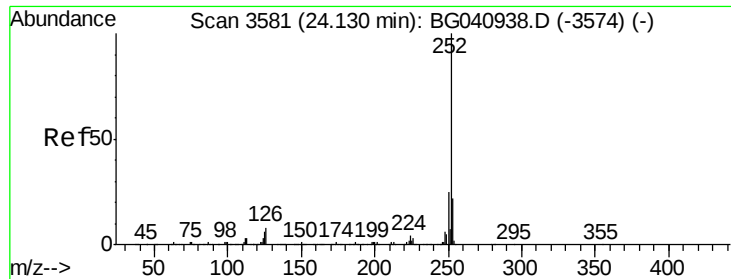
mohammad
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#88
Benzo(b)fluoranthene
Concen: 47.052 ng
RT: 24.02 min Scan# 3562
Delta R.T. 0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	5.3	4.3	6.5





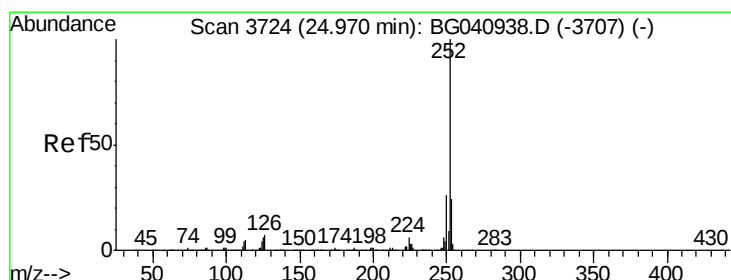
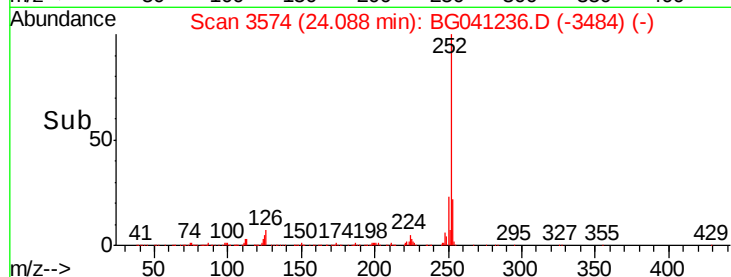
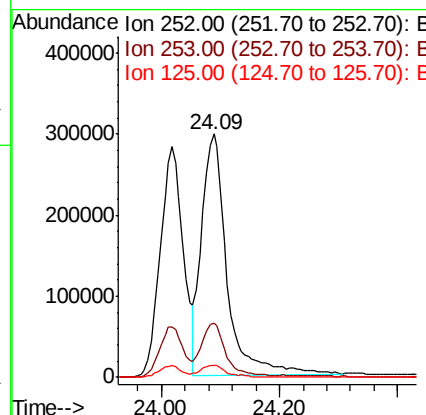
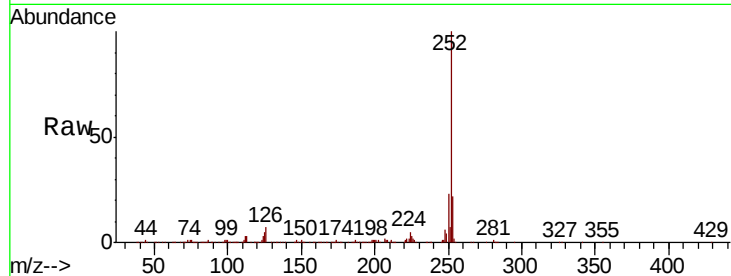
#89
Benzo(k)fluoranthene
Concen: 54.909 ng
RT: 24.09 min Scan# 3574
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	4.8	4.7	7.1

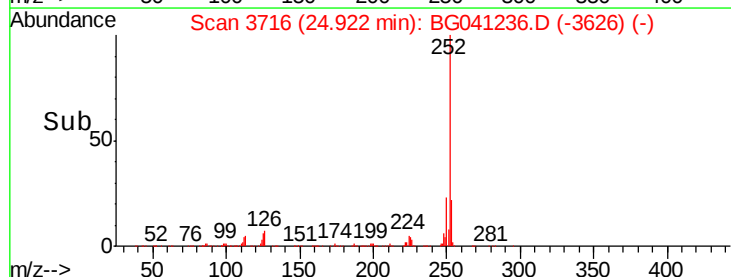
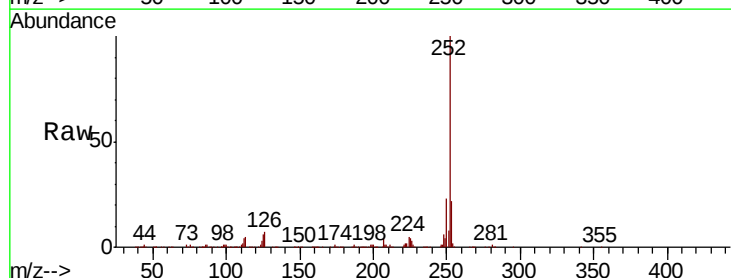
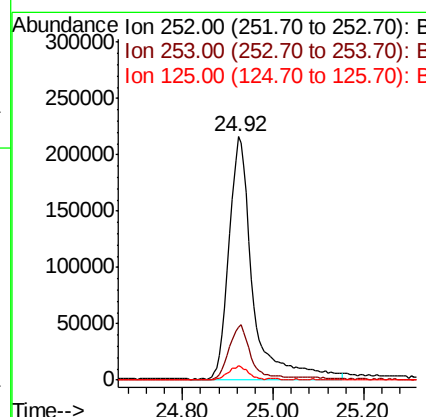
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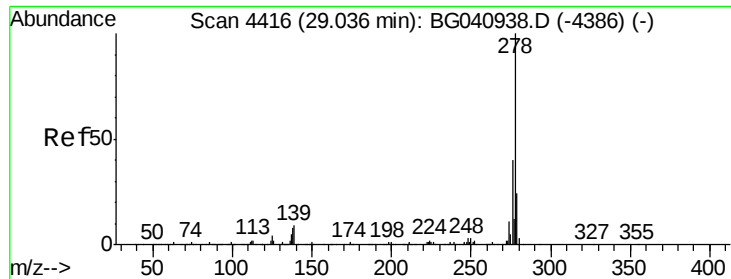
mohammad
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#90
Benzo(a)pyrene
Concen: 49.792 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	19.5	29.3
125	5.8	5.1	7.7





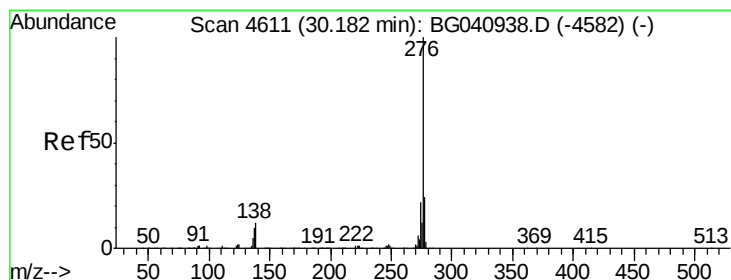
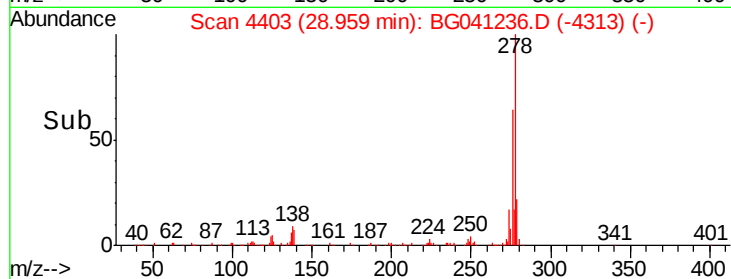
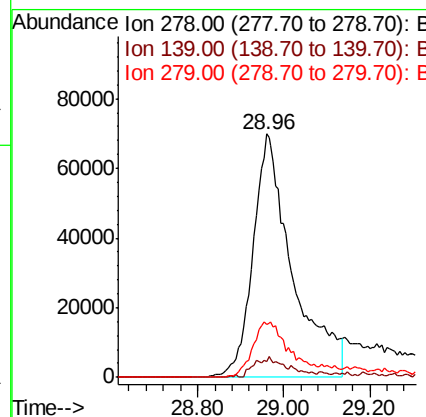
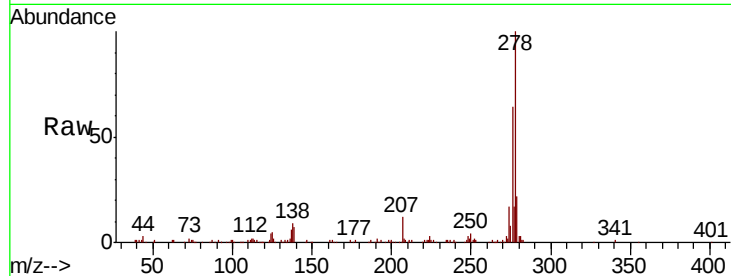
#91
Dibenzo(a,h)anthracene
Concen: 28.888 ng
RT: 28.96 min Scan# 4403
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	6.7	7.1	10.7#
279	21.8	19.4	29.2

Manual Integrations
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6/17/2019 4:54:04 PM



#92
Benzo(g,h,i)perylene
Concen: 26.885 ng
RT: 30.09 min Scan# 4596
Delta R.T. -0.02 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.4	29.0
138	10.5	9.7	14.5

