

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061219\
 Data File : BG041206.D
 Acq On : 12 Jun 2019 15:01
 Operator : HP/JU
 Sample : K3283-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 200030-200034MS

Manual Integrations
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mohammad
 6/14/2019 8:36:37 AM

Quant Time: Jun 13 07:37:23 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	8.11	152	40538	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	166823	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	128939	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	308763	20.00	ng	0.00
76) Chrysene-d12	21.76	240	307396	20.00	ng	0.00
87) Perylene-d12	25.09	264	325829	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	292261	130.00	ng	0.00
7) Phenol-d6	7.25	99	445683	128.37	ng	0.00
23) Nitrobenzene-d5	9.29	82	306285	81.51	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	238786	124.75	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	674829	75.37	ng	0.00
79) Terphenyl-d14	20.07	244	1169178	80.72	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	27479	26.937	ng	# 89
3) Pyridine	3.91	79	56703	18.785	ng	96
4) n-Nitrosodimethylamine	3.83	42	50574	36.100	ng	83
6) Aniline	7.43	93	87938	18.975	ng	99
8) 2-Chlorophenol	7.66	128	98095	36.601	ng	94
9) Benzaldehyde	7.24	77	26999	13.036	ng	85
10) Phenol	7.28	94	134165	36.040	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	85190	31.545	ng	94
12) 1,3-Dichlorobenzene	7.99	146	102037	31.876	ng	99
13) 1,4-Dichlorobenzene	8.14	146	103718	32.010	ng	96
14) 1,2-Dichlorobenzene	8.46	146	100850	32.056	ng	97
15) Benzyl Alcohol	8.35	79	108582	33.808	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	133063	30.153	ng	99
17) 2-Methylphenol	8.54	107	93604	34.728	ng	97
18) Hexachloroethane	9.19	117	39133	31.336	ng	87
19) n-Nitroso-di-n-propylamine	8.90	70	85603	32.039	ng	97
20) 3+4-Methylphenols	8.87	107	129269	34.623	ng	100
22) Acetophenone	8.93	105	164787	35.213	ng	# 98
24) Nitrobenzene	9.33	77	136378	35.612	ng	98
25) Isophorone	9.84	82	240840	33.677	ng	99
26) 2-Nitrophenol	10.03	139	60299	38.195	ng	91
27) 2,4-Dimethylphenol	10.08	122	104612	40.122	ng	95
28) bis(2-Chloroethoxy)methane	10.32	93	124304	32.205	ng	99
29) 2,4-Dichlorophenol	10.57	162	119786	36.178	ng	94
30) 1,2,4-Trichlorobenzene	10.78	180	129056	34.263	ng	96
31) Naphthalene	10.98	128	319395	35.659	ng	97
32) Benzoic acid	10.17	122	18411m	15.673	ng	
33) 4-Chloroaniline	11.09	127	93285	22.446	ng	99
34) Hexachlorobutadiene	11.24	225	89620	31.096	ng	97
35) Caprolactam	11.88	113	34912	31.930	ng	95
36) 4-Chloro-3-methylphenol	12.19	107	137406	36.337	ng	97
37) 2-Methylnaphthalene	12.57	142	245784	35.629	ng	98
38) 1-Methylnaphthalene	12.79	142	232834	35.817	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	182284	35.075	ng	99

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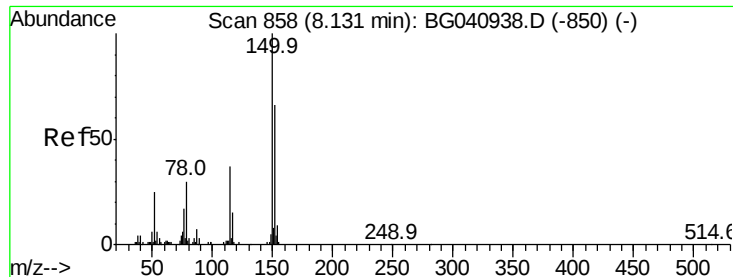
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	186779	68.212	nq	96
43) 2,4,6-Trichlorophenol	13.17	196	117259	34.878	nq	93
44) 2,4,5-Trichlorophenol	13.25	196	124399	35.085	nq	96
46) 1,1'-Biphenyl	13.57	154	328335	34.401	nq	99
47) 2-Chloronaphthalene	13.62	162	275686	33.646	nq	99
48) 2-Nitroaniline	13.83	65	100313	34.126	nq	99
49) Acenaphthylene	14.46	152	434434	35.228	nq	99
50) Dimethylphthalate	14.19	163	436017	39.948	nq	98
51) 2,6-Dinitrotoluene	14.32	165	81622	34.684	nq	98
52) Acenaphthene	14.80	154	249755	33.432	nq	99
53) 3-Nitroaniline	14.65	138	66035	28.061	nq #	92
54) 2,4-Dinitrophenol	14.86	184	43379	45.247	nq	90
55) Dibenzofuran	15.13	168	437259	34.785	nq	98
56) 4-Nitrophenol	14.95	139	108270	67.078	nq	91
57) 2,4-Dinitrotoluene	15.10	165	118429	35.626	nq #	95
58) Fluorene	15.78	166	347038	34.666	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	126761	36.379	nq	97
60) Diethylphthalate	15.53	149	369453	33.168	nq	98
61) 4-Chlorophenyl-phenylether	15.77	204	213184	32.763	nq	96
62) 4-Nitroaniline	15.81	138	81163	32.578	nq	97
63) Azobenzene	16.06	77	336864	33.274	nq	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	56316	36.536	nq	99
66) n-Nitrosodiphenylamine	15.98	169	312255	35.975	nq	99
67) 4-Bromophenyl-phenylether	16.66	248	137628	33.029	nq	97
68) Hexachlorobenzene	16.77	284	144984	32.676	nq	98
69) Atrazine	16.92	200	133139	39.754	nq	99
70) Pentachlorophenol	17.12	266	157778	67.103	nq	98
71) Phenanthrene	17.52	178	581065	36.129	nq	99
72) Anthracene	17.61	178	588462	37.098	nq	99
73) Carbazole	17.89	167	508146	37.335	nq	99
74) Di-n-butylphthalate	18.42	149	580563	34.320	nq	99
75) Fluoranthene	19.53	202	783841	39.458	nq	99
77) Benzidine	19.71	184	57954	7.903	nq	99
78) Pyrene	19.89	202	778251	38.946	nq	98
80) Butylbenzylphthalate	20.76	149	272496	35.041	nq	97
81) Benzo(a)anthracene	21.74	228	725356	35.449	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	185837	25.821	nq	99
83) Chrysene	21.81	228	724988	37.024	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	429071	39.195	nq	97
85) Di-n-octyl phthalate	22.84	149	658780	36.134	nq	100
86) Indeno(1,2,3-cd)pyrene	28.90	276	679155	28.314	nq	98
88) Benzo(b)fluoranthene	24.02	252	726292	36.751	nq	99
89) Benzo(k)fluoranthene	24.09	252	733239	37.493	nq	100
90) Benzo(a)pyrene	24.93	252	698580	37.050	nq	99
91) Dibenzo(a,h)anthracene	28.96	278	550400	29.214	nq	99
92) Benzo(g,h,i)perylene	30.11	276	497727	27.193	nq	98

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



#1

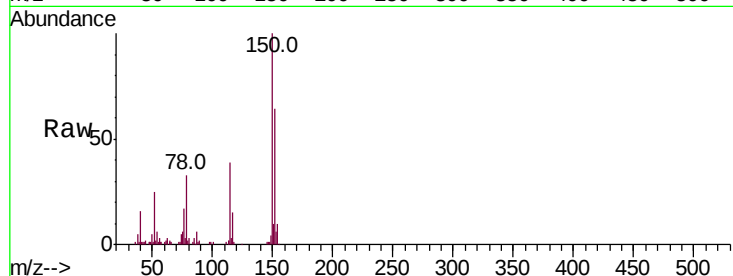
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Instrument :
BNA_G
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Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	120.6	180.8
115	61.1	45.1	67.7

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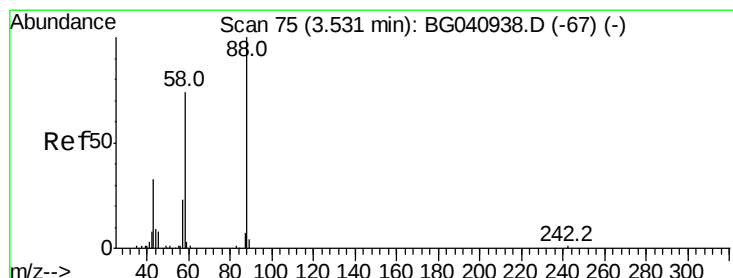
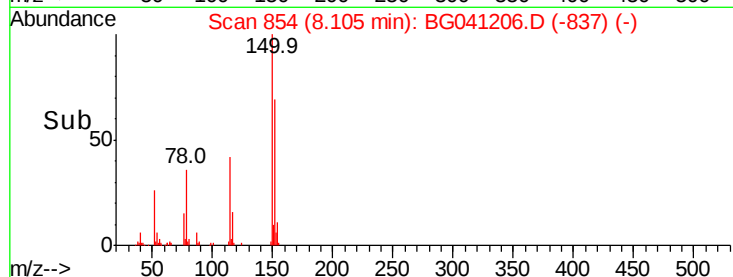
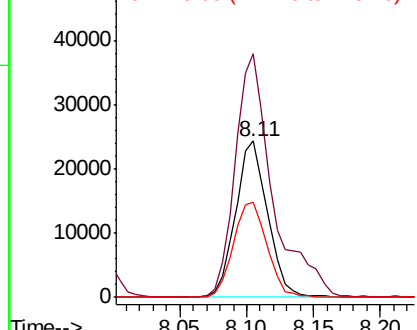


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

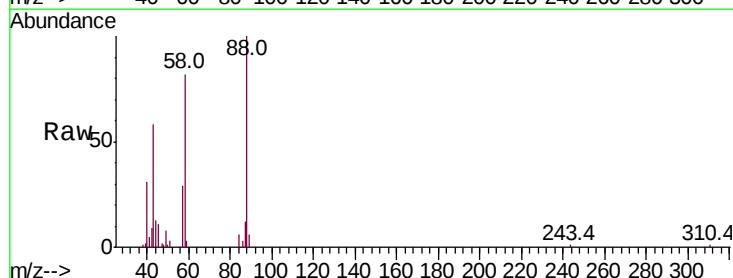
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 26.937 ng
RT: 3.50 min Scan# 70
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.5	59.0	88.6
43	43.3	27.2	40.8

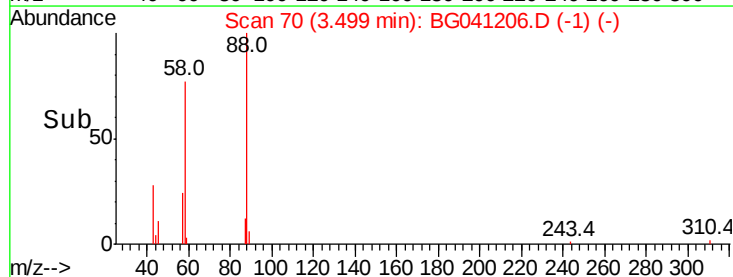
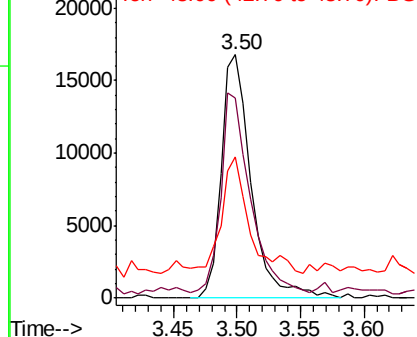


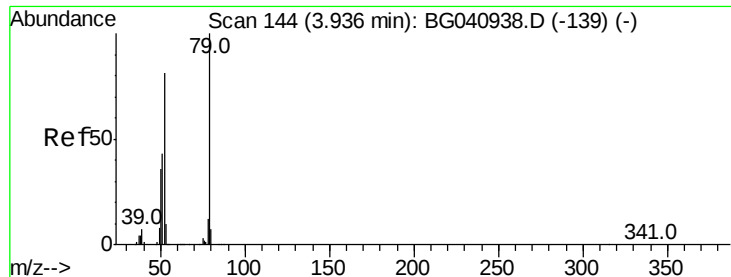
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 18.785 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

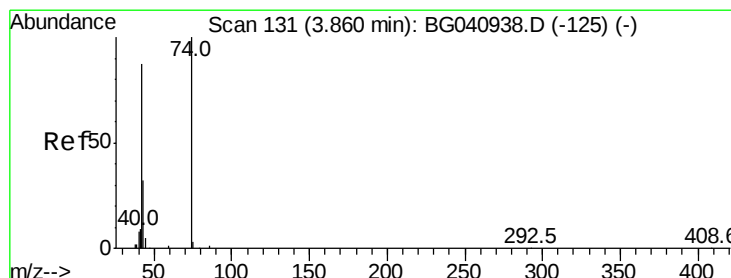
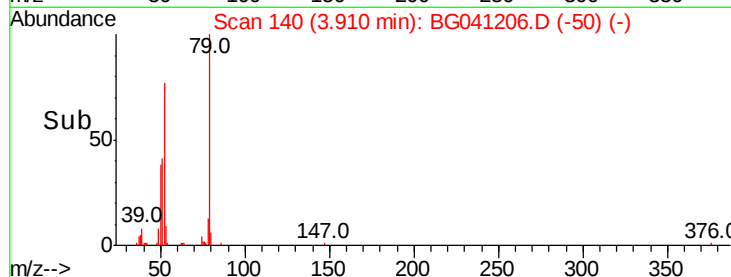
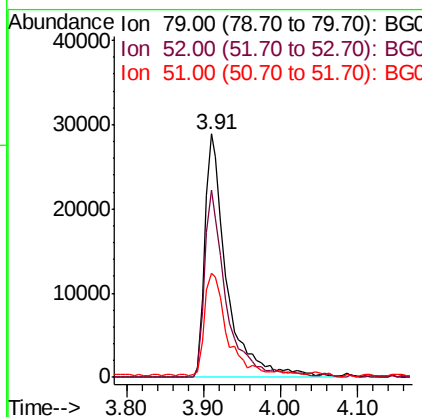
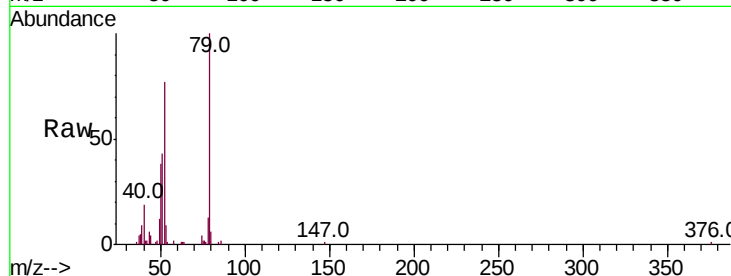
ClientSampleId :

200030-200034MS

Tot Ion:	79	Resp:	56703
Ion Ratio	Lower	Upper	
79	100		
52	77.0	64.8	97.2
51	42.8	35.3	52.9

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#4

n-Nitrosodimethylamine

Concen: 36.100 ng

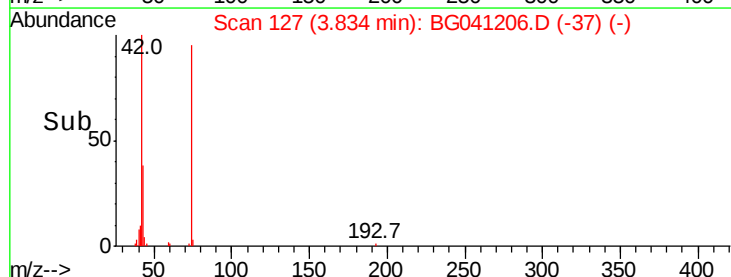
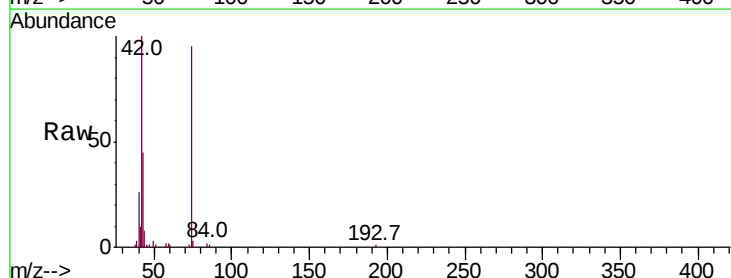
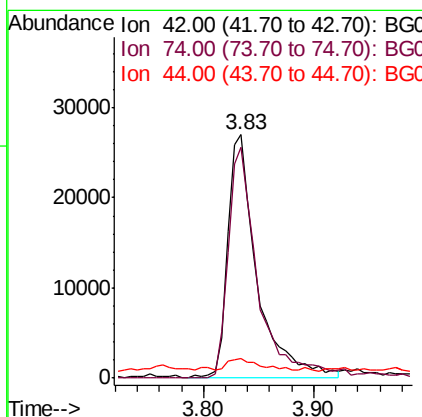
RT: 3.83 min Scan# 127

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Tgt Ion:	42	Resp:	50574
Ion Ratio	Lower	Upper	
42	100		
74	94.7	91.8	137.6
44	8.0	6.0	9.0





#5

2-Fluorophenol

Concen: 130.004 ng

RT: 5.64 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

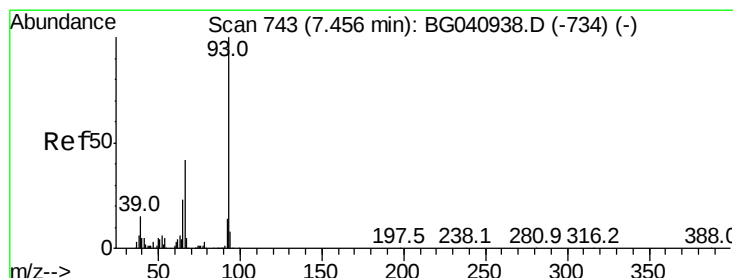
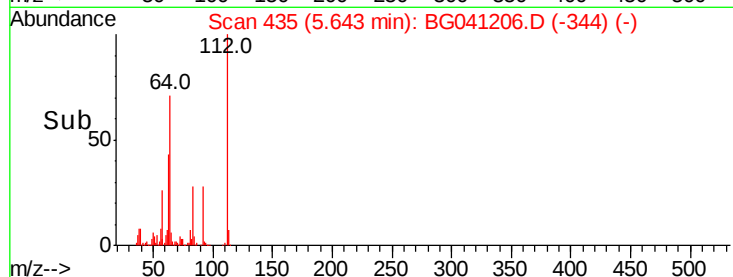
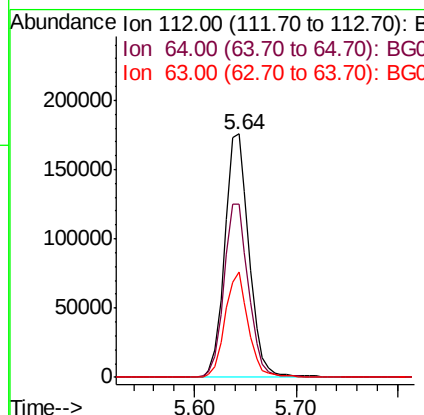
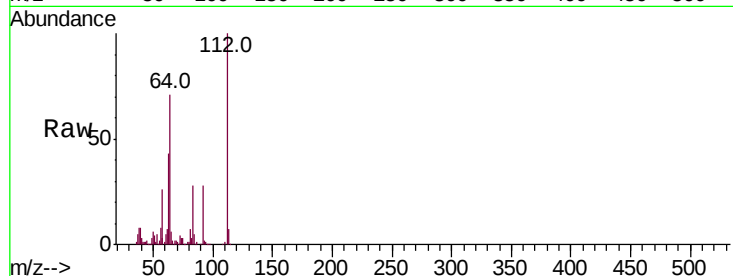
ClientSampleId :

200030-200034MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	292261		
64	71.2	56.2	84.2	
63	43.3	32.8	49.2	

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#6

Aniline

Concen: 18.975 ng

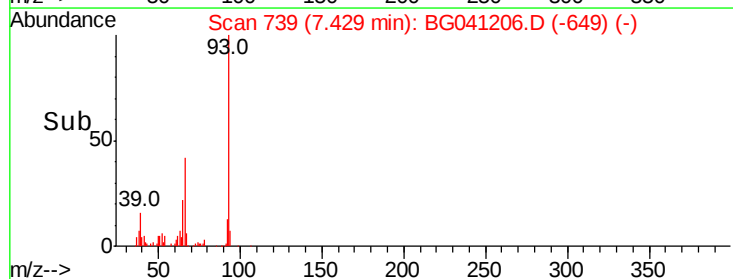
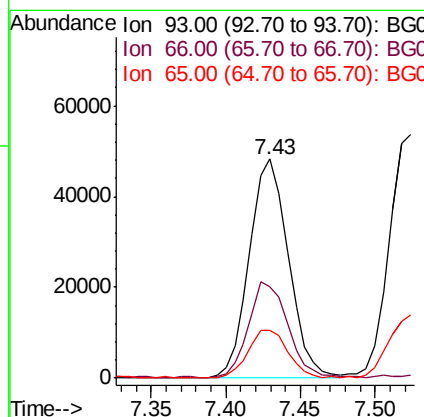
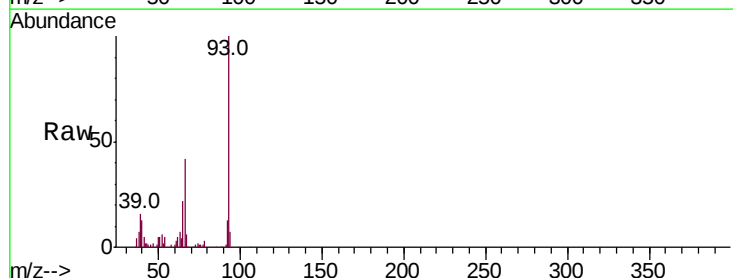
RT: 7.43 min Scan# 739

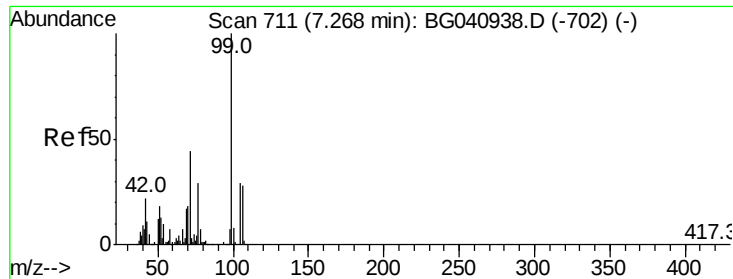
Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	87938		
66	41.8	33.8	50.8	
65	21.6	18.3	27.5	





#7

Phenol-d6

Concen: 128.367 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

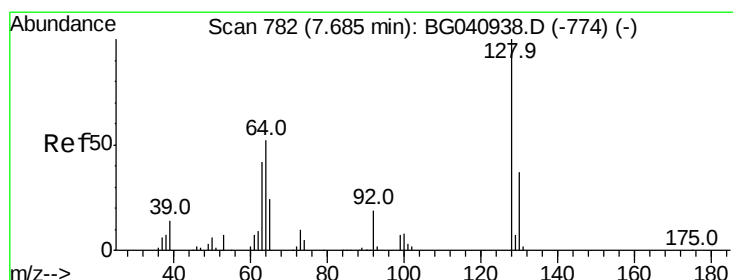
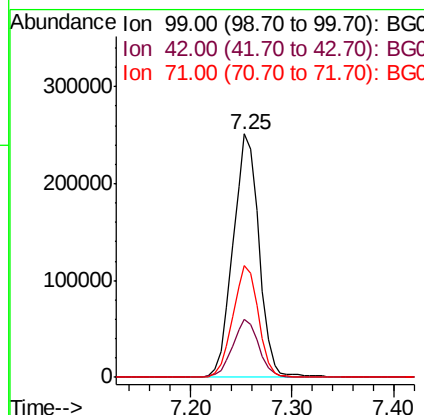
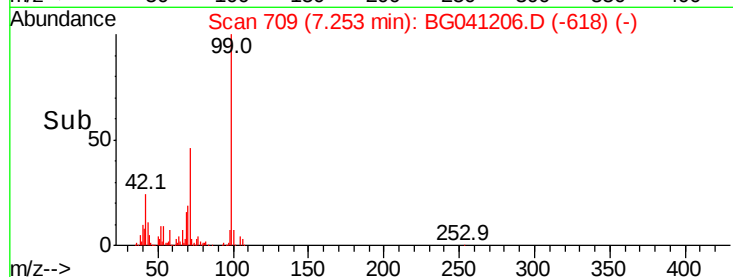
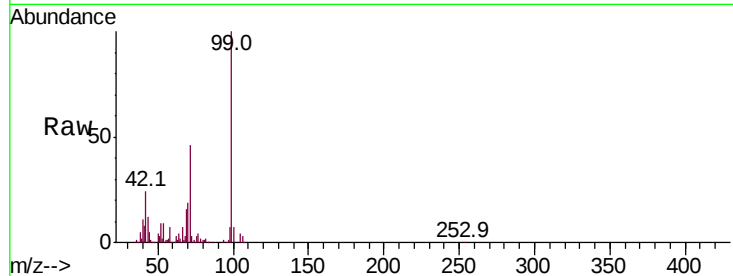
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Tot Ion:	99	Resp:	445683
Ion Ratio	Lower	Upper	
99	100		
42	23.7	17.9	26.9
71	45.7	35.4	53.0

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#8

2-Chlorophenol

Concen: 36.601 ng

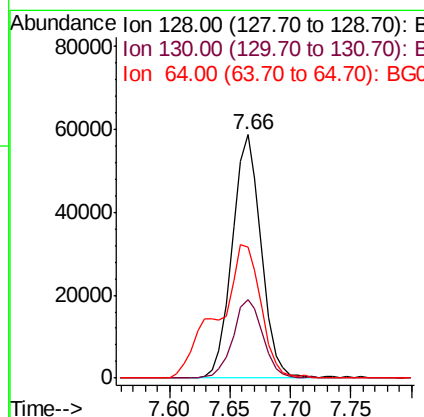
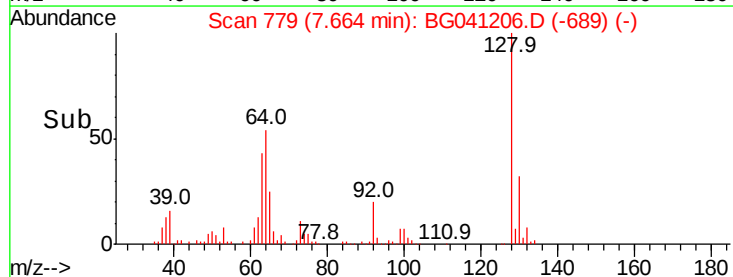
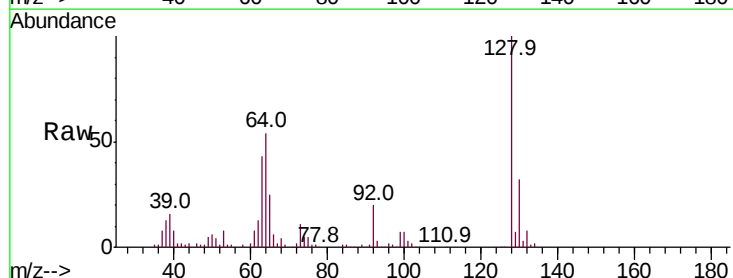
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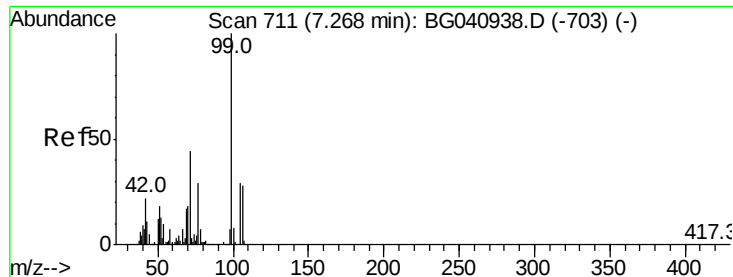
Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Tgt Ion:	128	Resp:	98095
Ion Ratio	Lower	Upper	
128	100		
130	32.5	16.6	56.6
64	54.1	37.8	77.8





#9

Benzaldehyde

Concen: 13.036 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

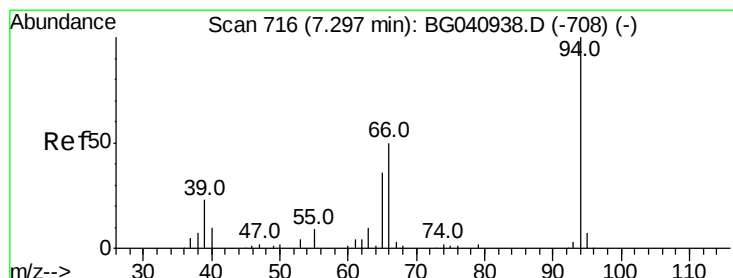
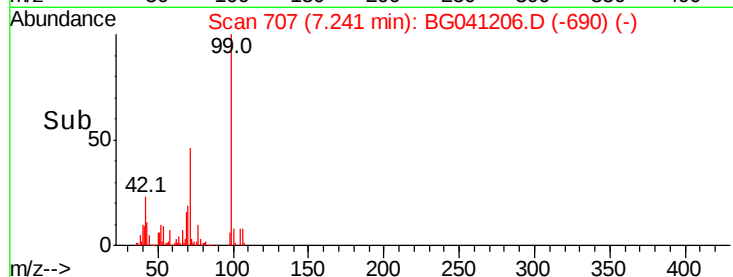
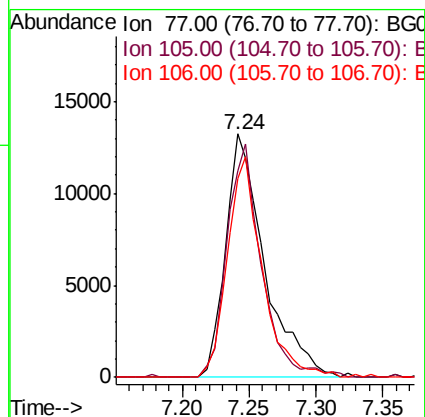
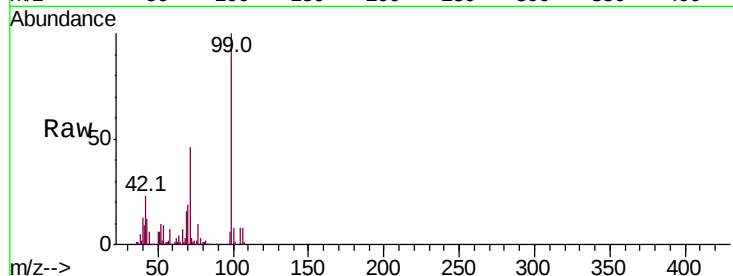
ClientSampleId :

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Tot Ion:	77	Resp:	26999
Ion	Ratio	Lower	Upper
77	100		
105	84.6	78.9	118.9
106	81.5	76.7	116.7

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#10

Phenol

Concen: 36.040 ng

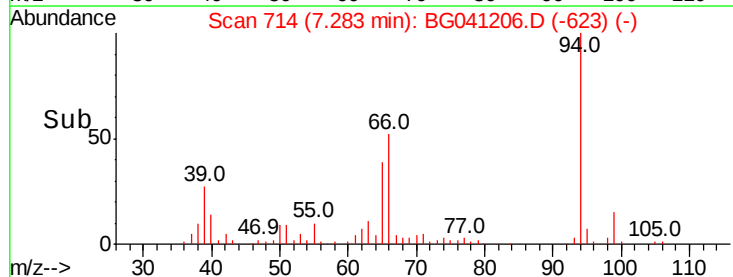
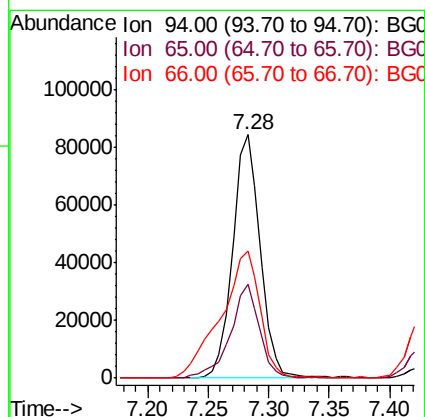
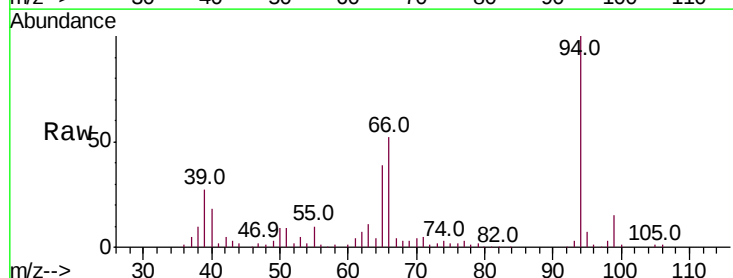
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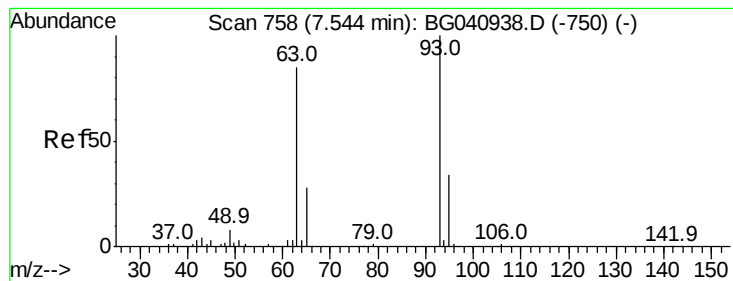
Delta R.T. 0.01 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Tgt Ion:	94	Resp:	134165
Ion	Ratio	Lower	Upper
94	100		
65	38.8	17.0	57.0
66	52.0	32.4	72.4





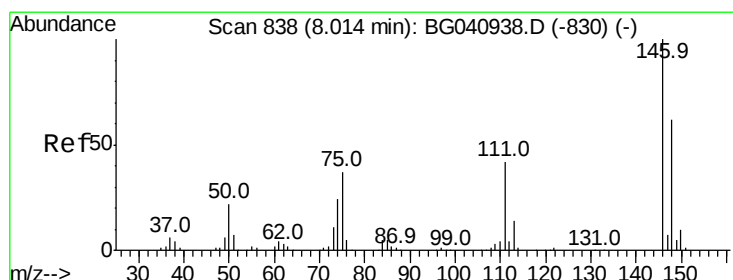
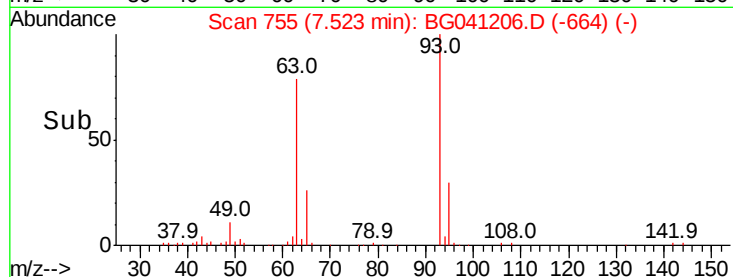
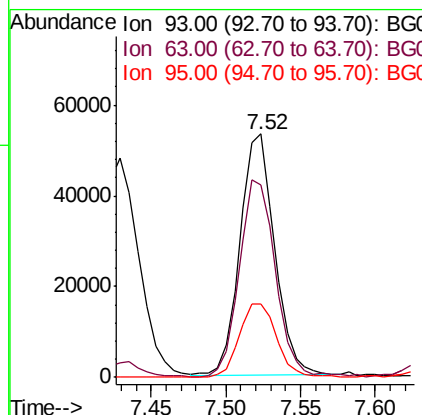
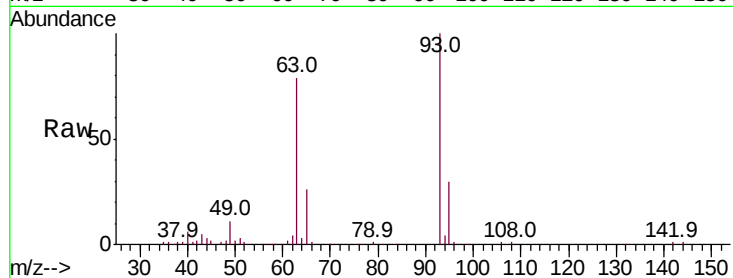
#11
bis(2-Chloroethyl)ether
Concen: 31.545 ng
RT: 7.52 min Scan# 755
Delta R.T. 0.01 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Instrument :
BNA_G
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.0	64.5	104.5
95	30.2	13.3	53.3

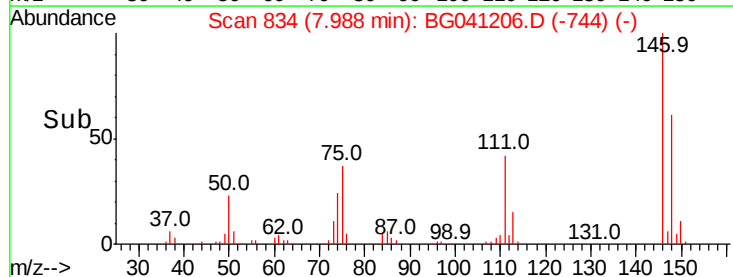
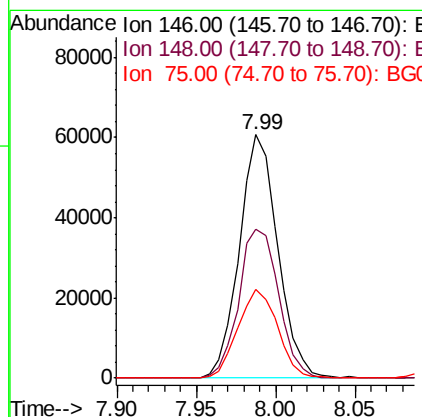
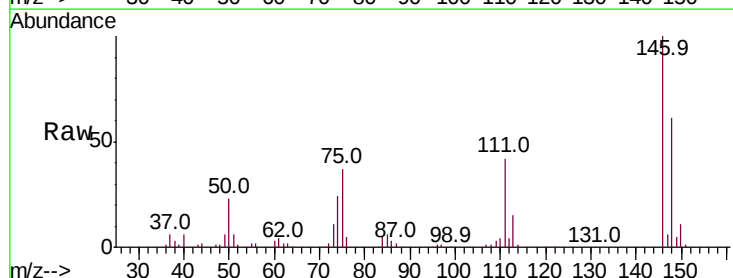
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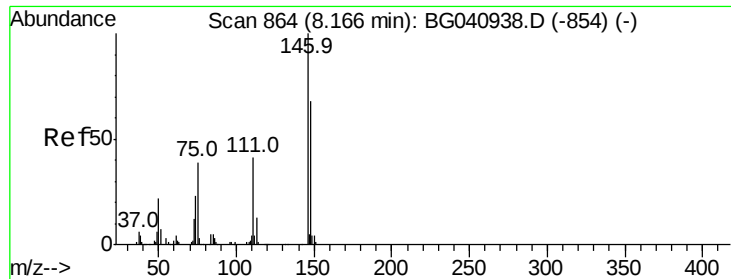
mohammad
6/14/2019 8:36:37 AM



#12
1,3-Dichlorobenzene
Concen: 31.876 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.9	49.2	73.8
75	36.6	29.4	44.0





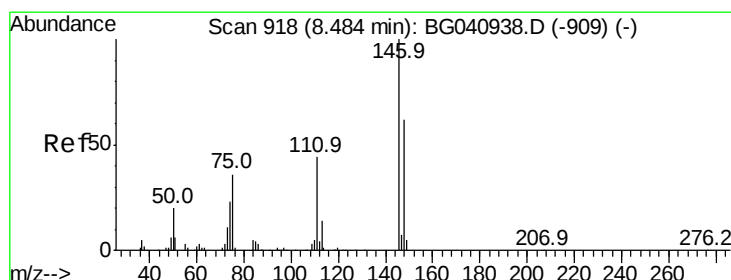
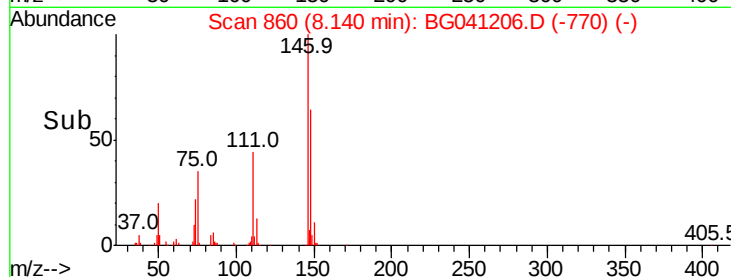
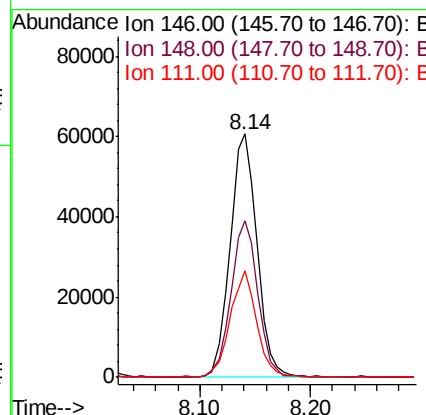
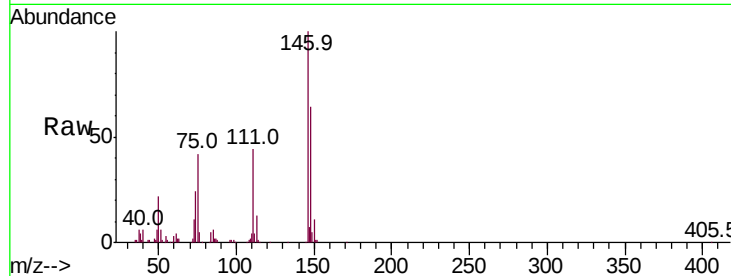
#13
1,4-Dichlorobenzene
Concen: 32.010 ng
RT: 8.14 min Scan# 860
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Instrument :
BNA_G
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	54.2	81.4
111	43.6	32.9	49.3

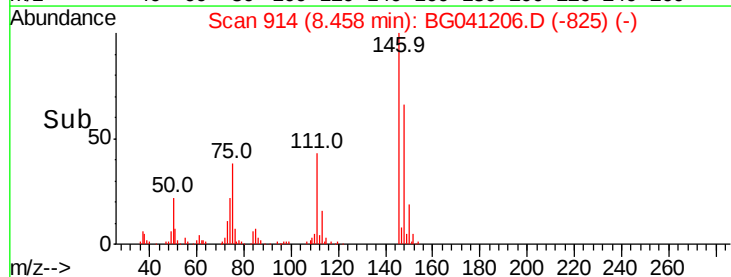
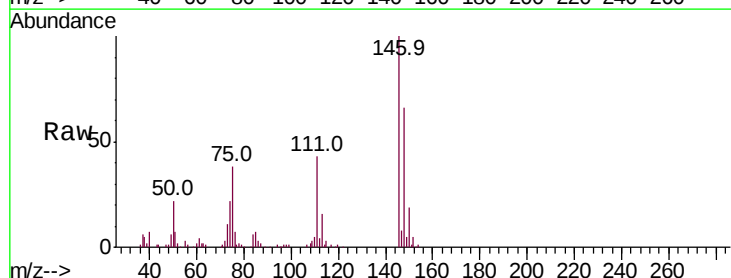
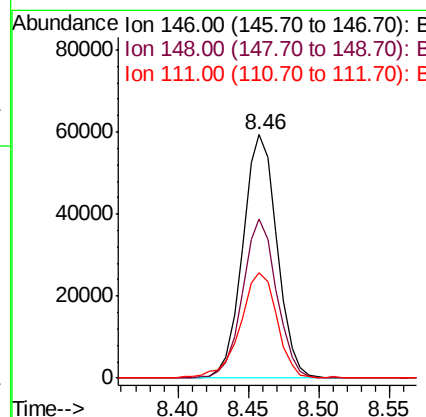
Manual Integrations
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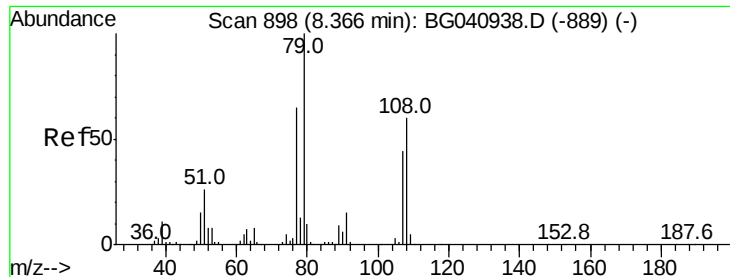
mohammad
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#14
1,2-Dichlorobenzene
Concen: 32.056 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	49.8	74.6
111	43.3	35.0	52.4





#15

Benzyl Alcohol

Concen: 33.808 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

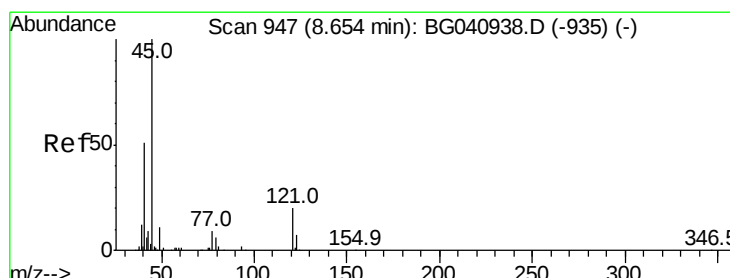
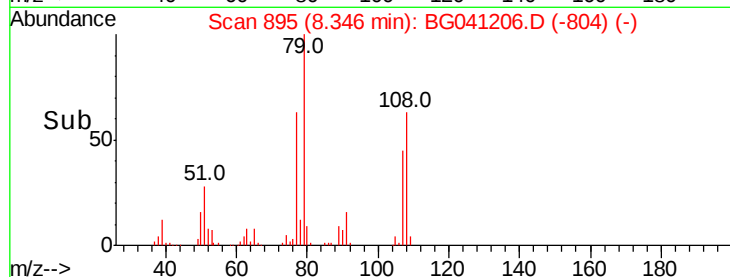
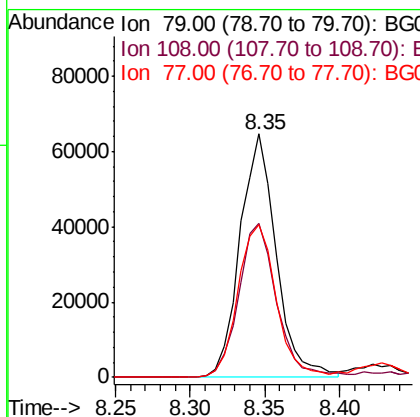
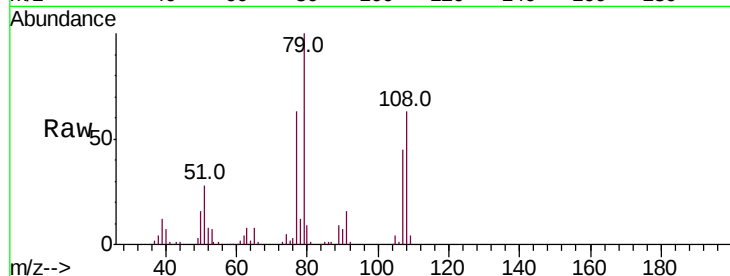
ClientSampleId :

200030-200034MS

Tot Ion:	79	Resp:	108582
Ion Ratio	Lower	Upper	
79	100		
108	63.0	48.3	72.5
77	62.9	52.3	78.5

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.153 ng

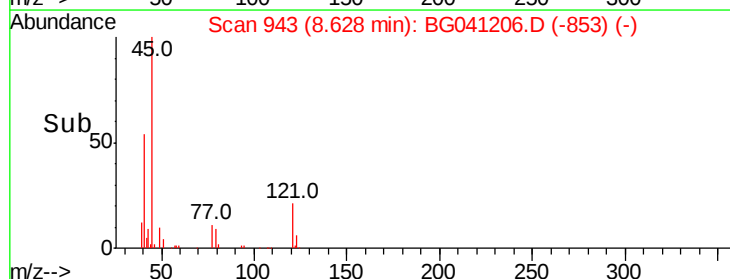
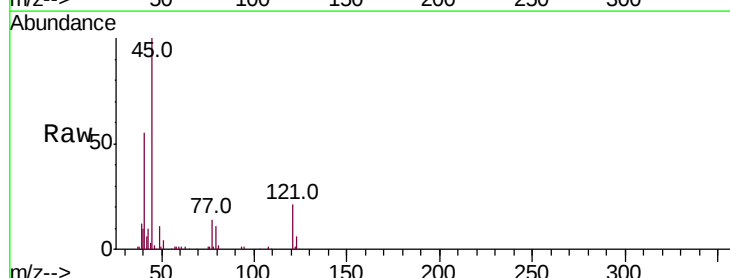
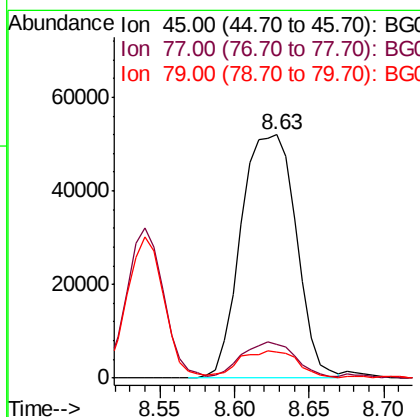
RT: 8.63 min Scan# 943

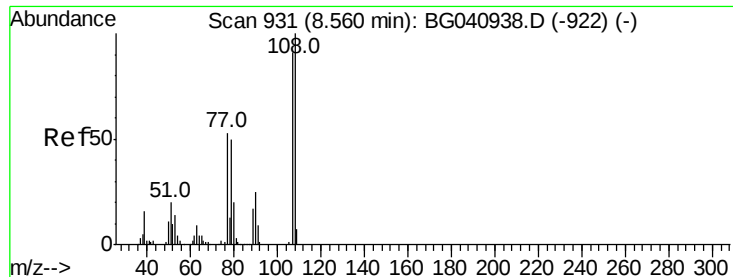
Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Tgt Ion:	45	Resp:	133063
Ion Ratio	Lower	Upper	
45	100		
77	13.7	0.0	33.7
79	10.6	0.0	30.2





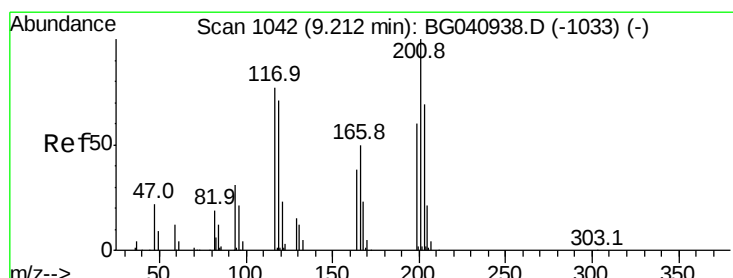
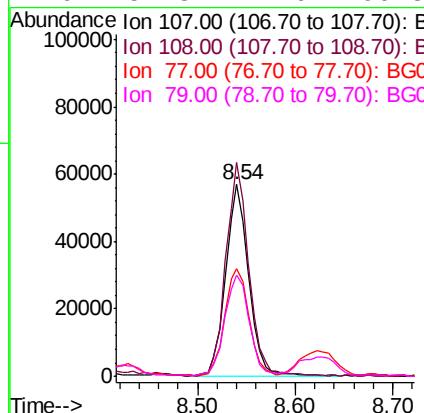
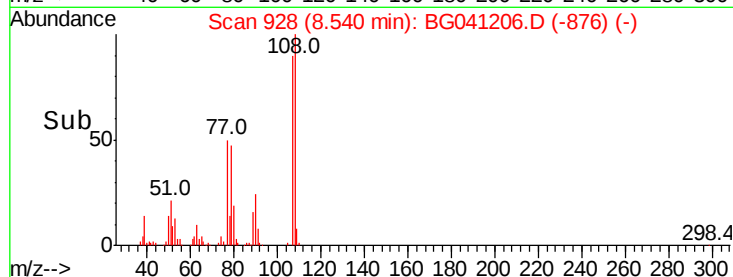
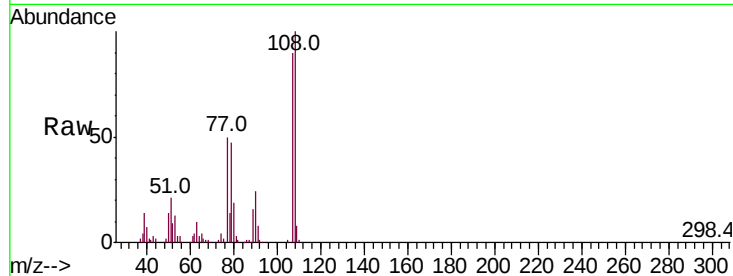
#17
2-Methylphenol
Concen: 34.728 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.01 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Instrument :
BNA_G
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.3	87.7	131.5
77	56.2	46.6	70.0
79	52.8	44.6	66.8

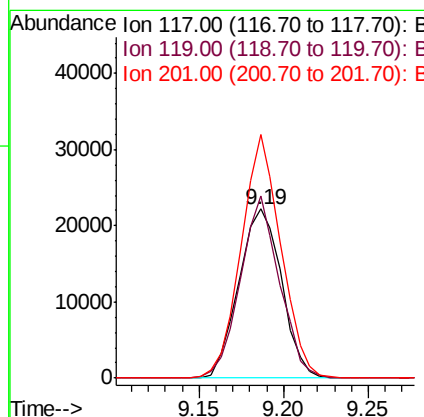
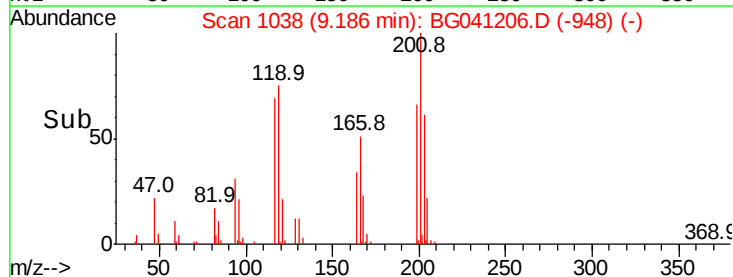
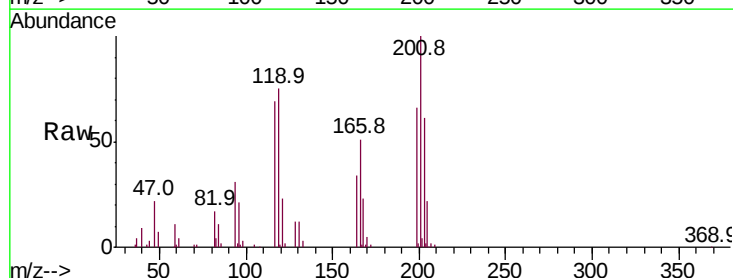
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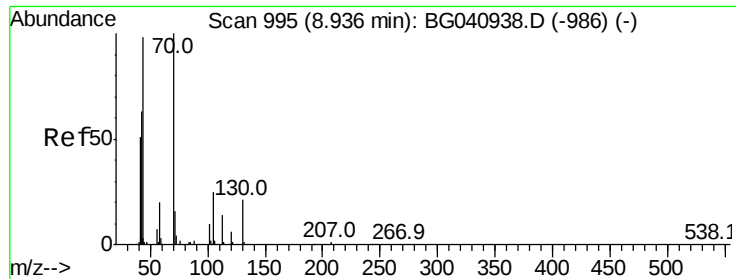
mohammad
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#18
Hexachloroethane
Concen: 31.336 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	107.6	75.0	112.6
201	144.0	103.5	155.3





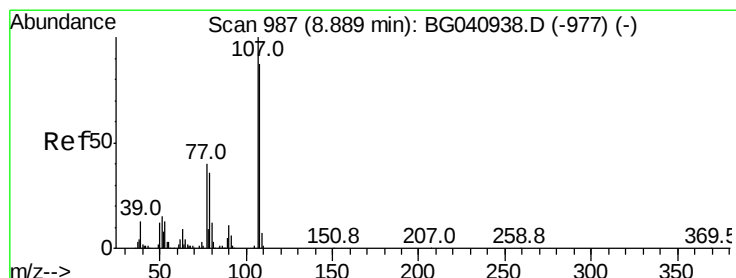
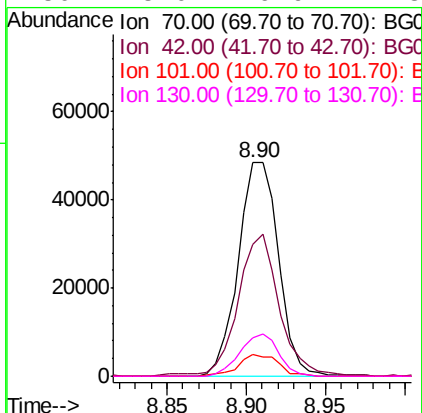
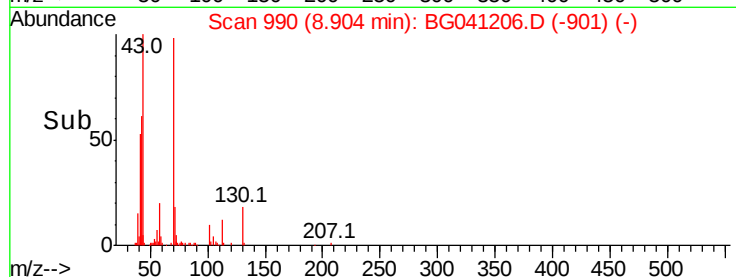
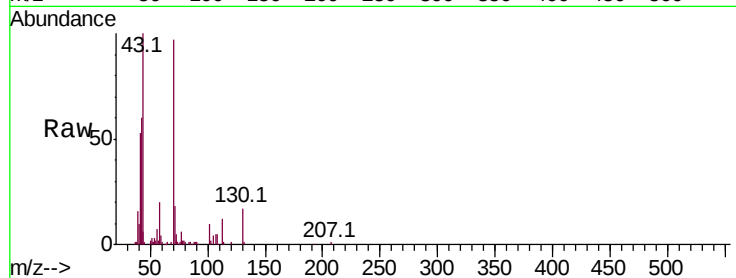
#19
n-Nitroso-di-n-propylamine
Concen: 32.039 ng
RT: 8.90 min Scan# 990
Delta R.T. -0.01 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Instrument :
BNA_G
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.9	51.5	77.3
101	10.1	8.1	12.1
130	18.0	16.6	24.8

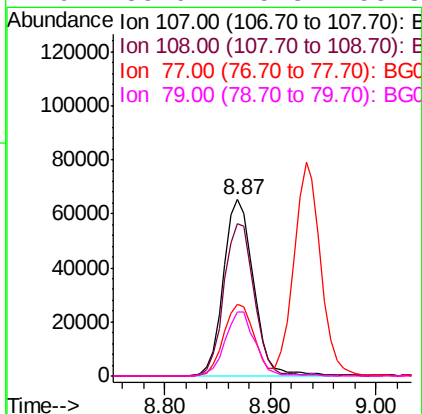
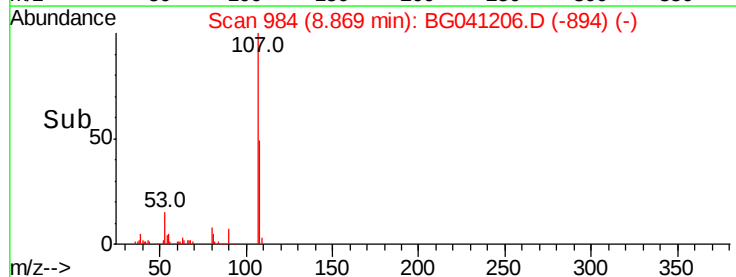
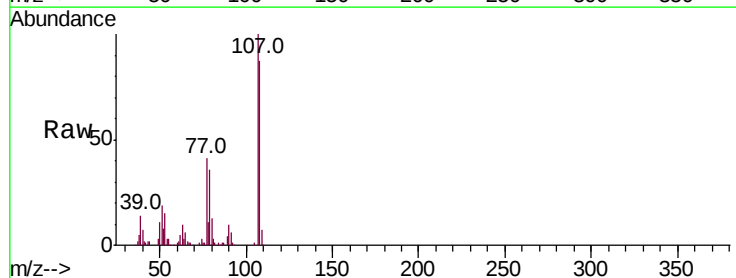
Manual Integrations
APPROVED

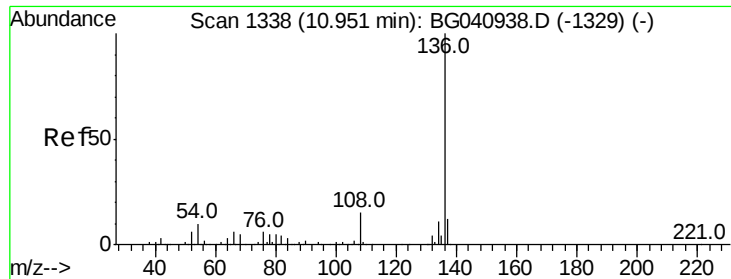
mohammad
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#20
3+4-Methylphenols
Concen: 34.623 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.6	66.8	106.8
77	40.8	20.5	60.5
79	35.9	15.8	55.8





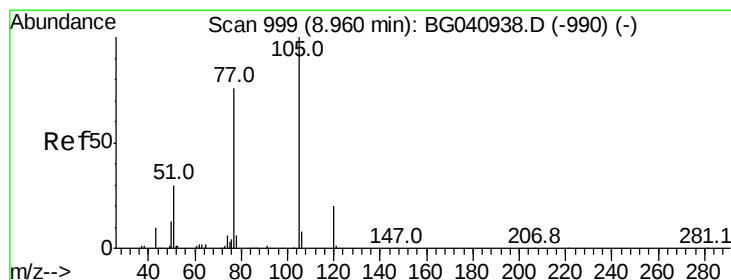
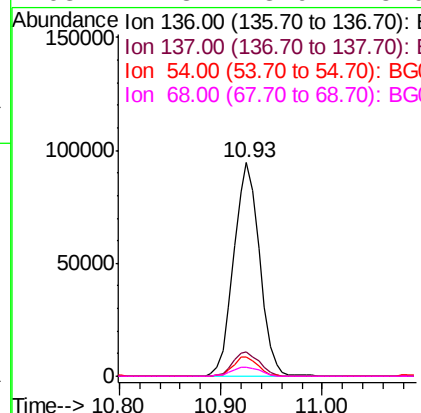
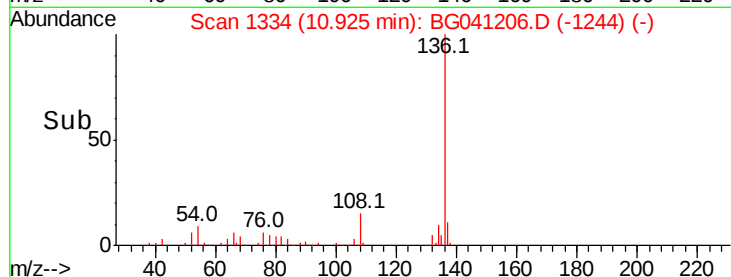
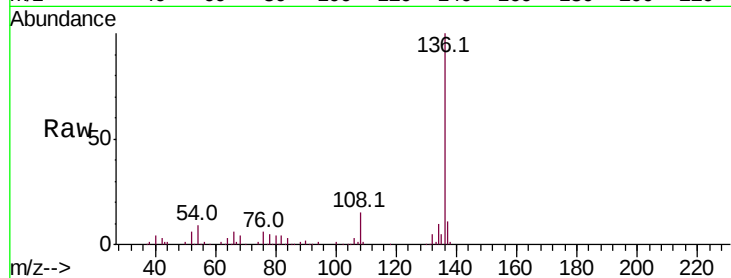
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Instrument :
BNA_G
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	166823		
137	11.4	9.5	14.3	
54	9.0	7.6	11.4	
68	4.3	3.9	5.9	

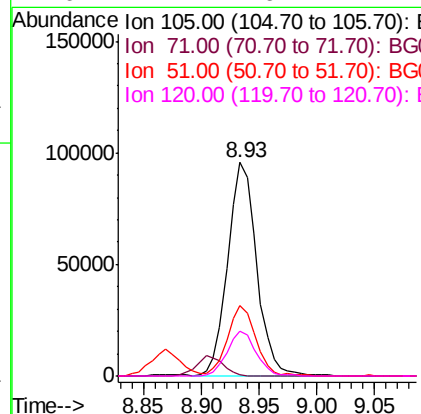
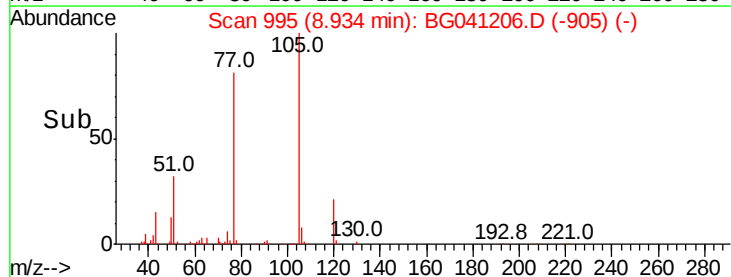
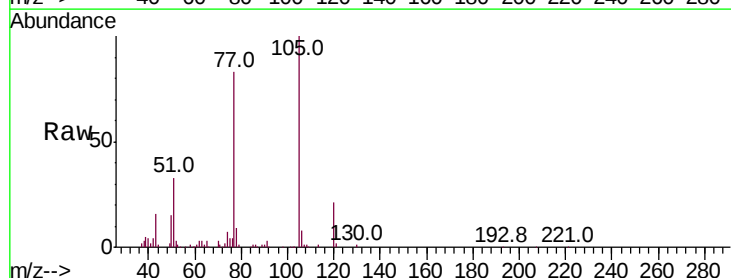
Manual Integrations
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#22
Acetophenone
Concen: 35.213 ng
RT: 8.93 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	164787		
71	0.8	0.4	0.6#	
51	32.8	27.0	40.6	
120	21.2	16.2	24.4	





#23

Nitrobenzene-d5

Concen: 81.506 ng

RT: 9.29 min Scan# 1055

Delta R.T. 0.01 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

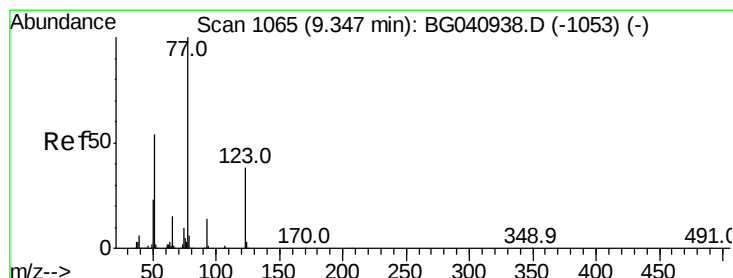
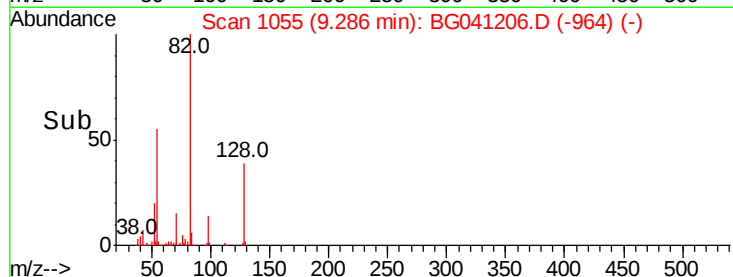
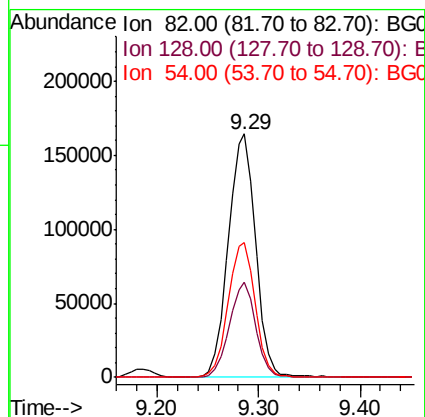
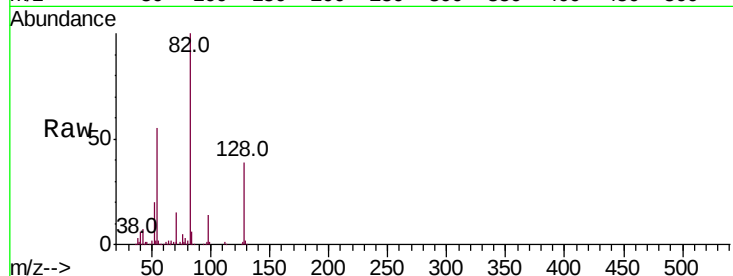
ClientSampleId :

200030-200034MS

Tot Ion	82	Resp	306285
Ion Ratio	Lower	Upper	
82	100		
128	39.1	30.5	45.7
54	55.4	44.6	66.8

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#24

Nitrobenzene

Concen: 35.612 ng

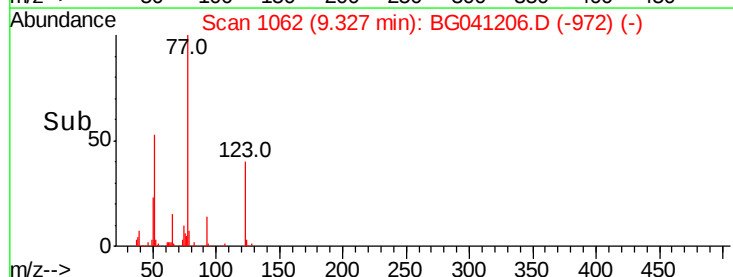
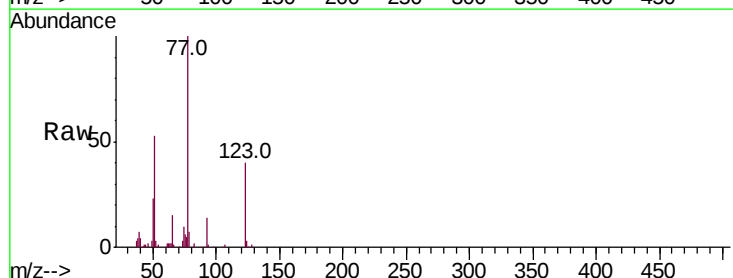
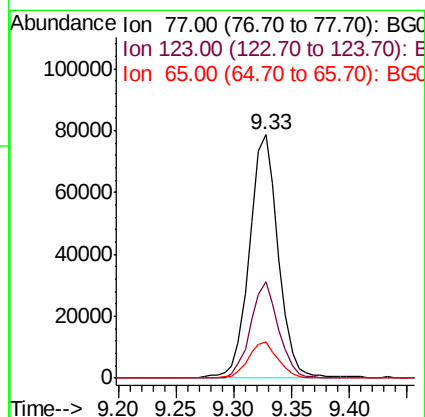
RT: 9.33 min Scan# 1062

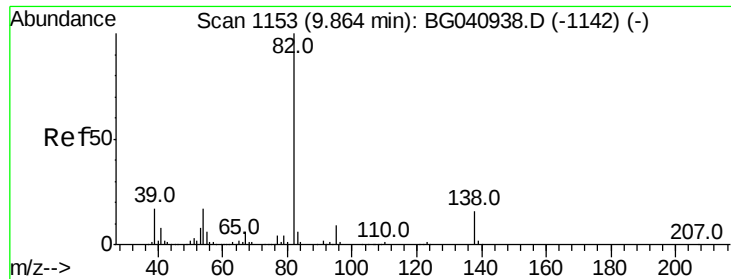
Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Tgt Ion	77	Resp	136378
Ion Ratio	Lower	Upper	
77	100		
123	39.5	30.6	46.0
65	15.1	12.3	18.5





#25

Isophorone

Concen: 33.677 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

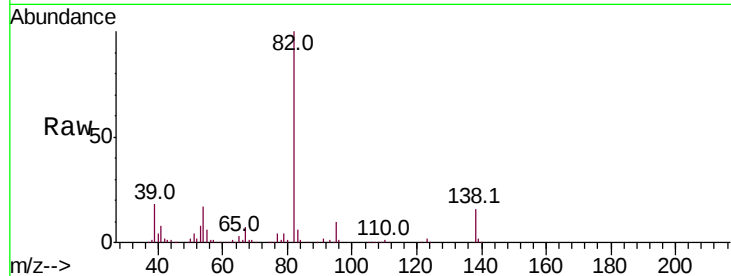
ClientSampleId :

200030-200034MS

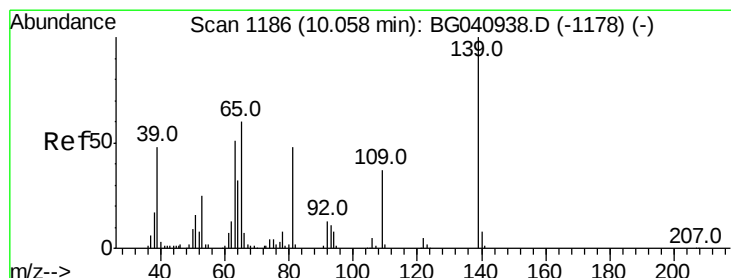
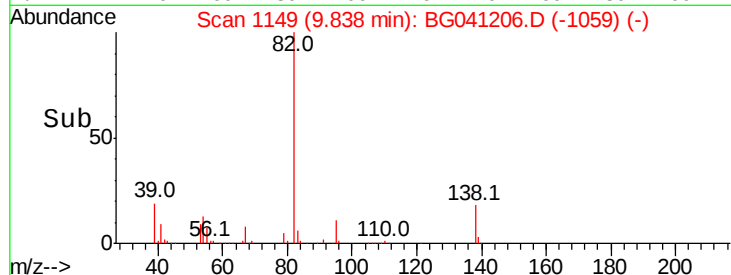
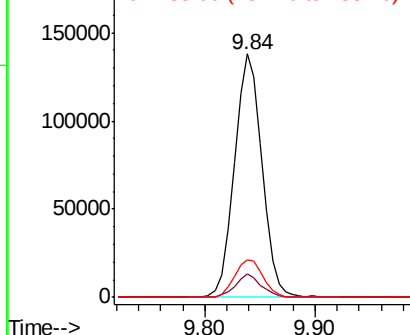
Tot Ion:	82	Resp:	240840
Ion Ratio	Lower	Upper	
82	100		
95	9.7	7.0	10.4
138	15.6	12.6	19.0

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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 38.195 ng

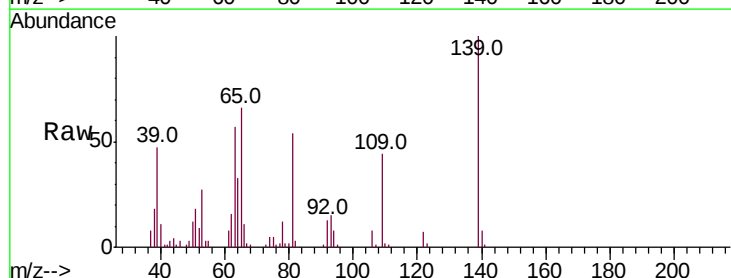
RT: 10.03 min Scan# 1182

Delta R.T. -0.01 min

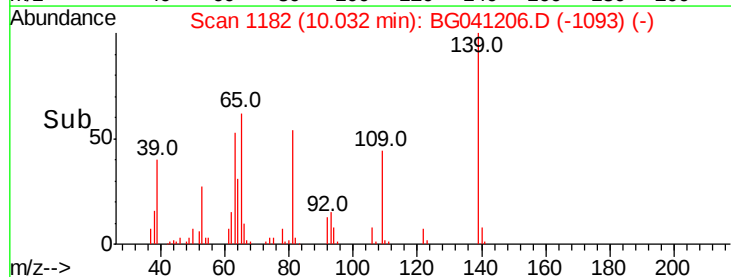
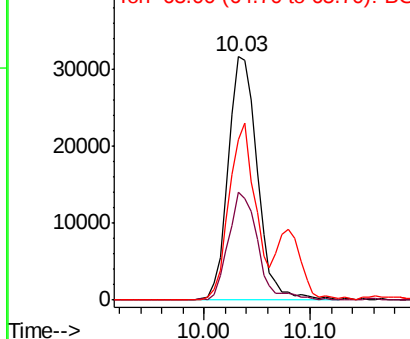
Lab File: BG041206.D

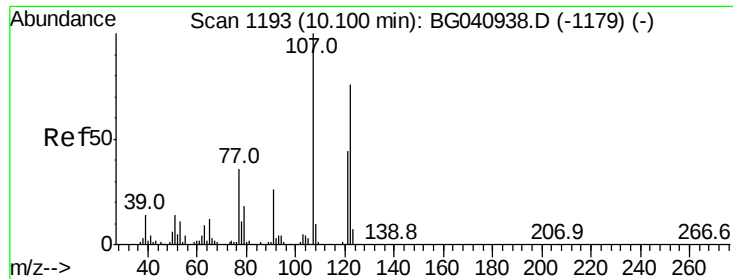
Acq: 12 Jun 2019 15:01

Tgt Ion:	139	Resp:	60299
Ion Ratio	Lower	Upper	
139	100		
109	44.2	29.8	44.6
65	65.8	47.8	71.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 40.122 ng

RT: 10.08 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

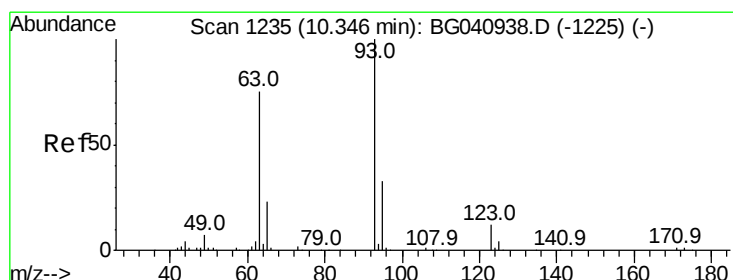
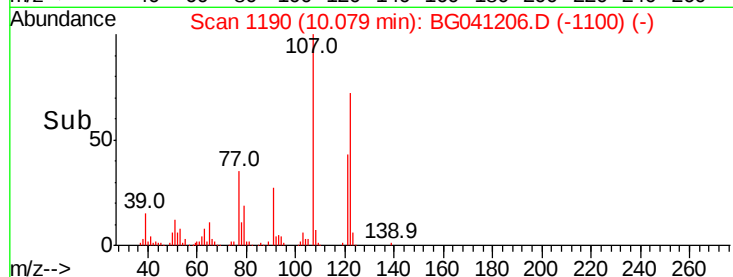
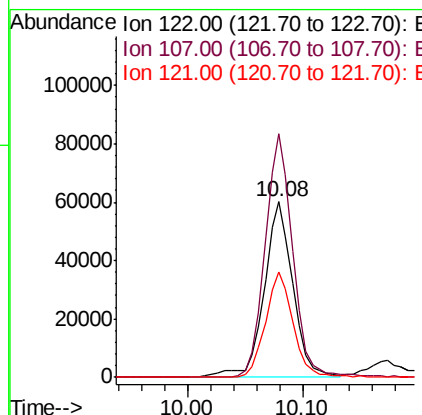
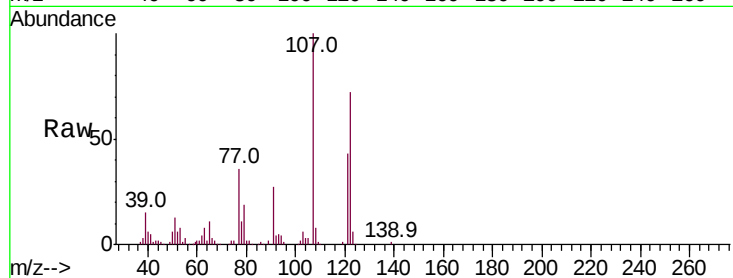
ClientSampleId :

200030-200034MS

Tot Ion:	122	Resp:	104612
Ion Ratio	Lower	Upper	
122	100		
107	138.7	105.9	158.9
121	60.1	46.2	69.4

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#28

bis(2-Chloroethoxy)methane

Concen: 32.205 ng

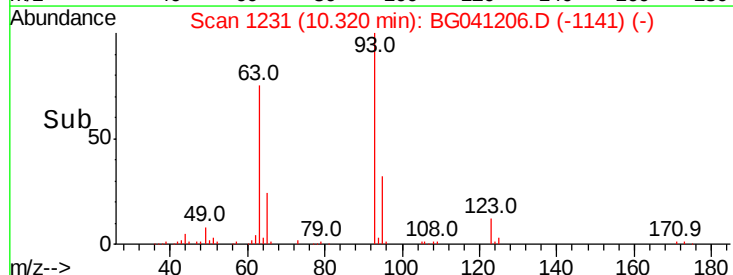
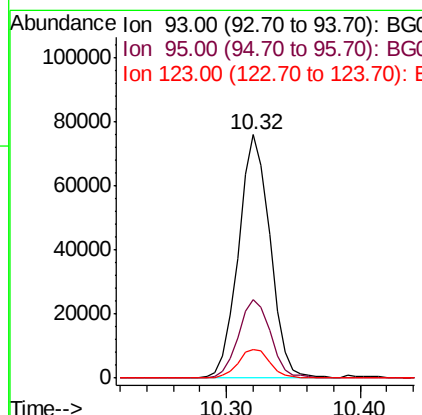
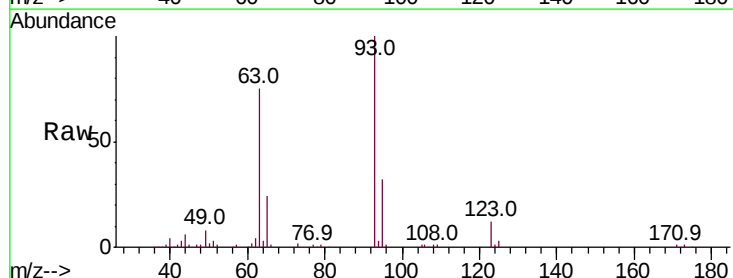
RT: 10.32 min Scan# 1231

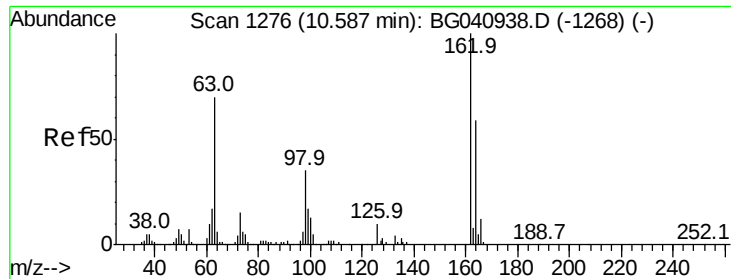
Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Tgt Ion:	93	Resp:	124304
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.2	39.2
123	11.8	9.5	14.3





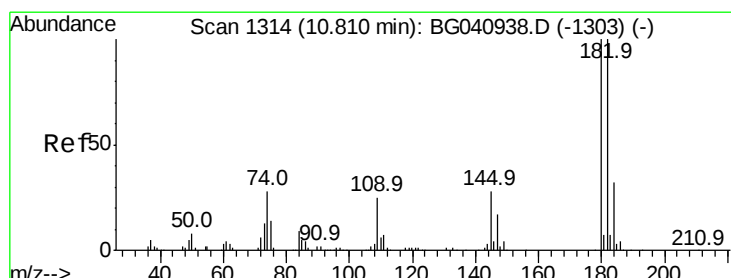
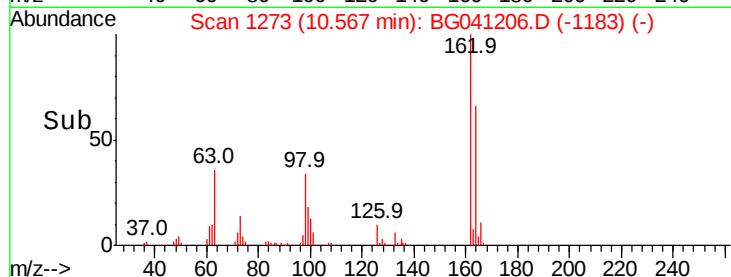
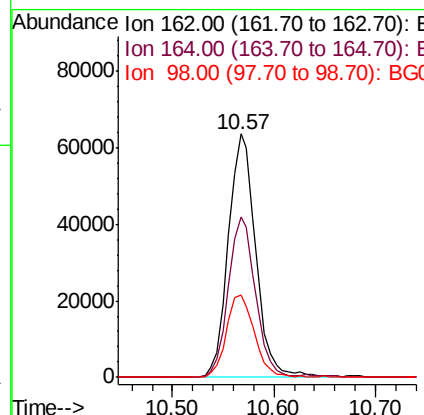
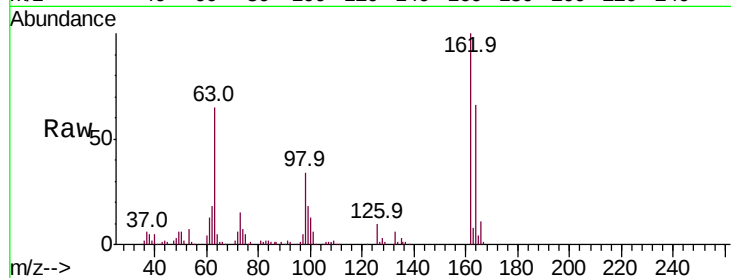
#29
2,4-Dichlorophenol
Concen: 36.178 ng
RT: 10.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Instrument :
BNA_G
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	119786		
164	65.8	39.4	79.4	
98	33.6	15.3	55.3	

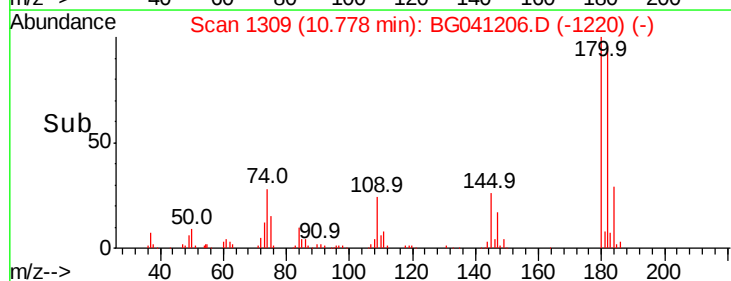
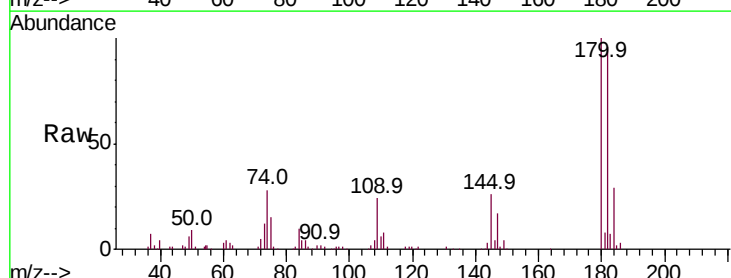
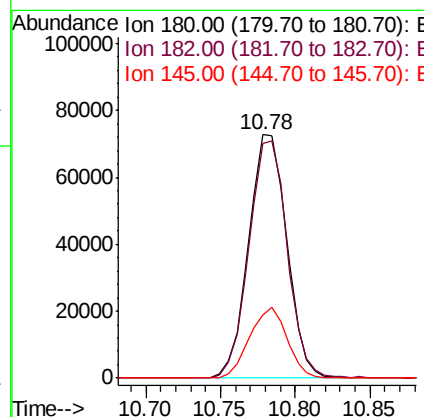
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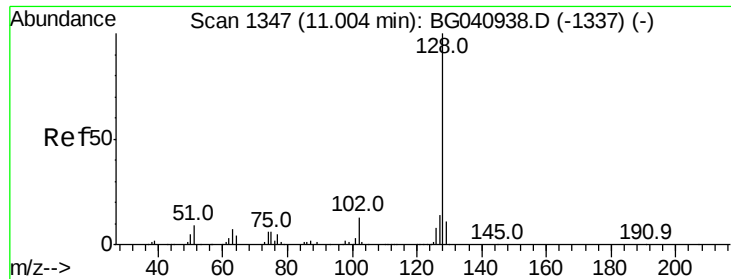
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 34.263 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	129056		
182	96.3	79.7	119.5	
145	26.0	22.6	34.0	





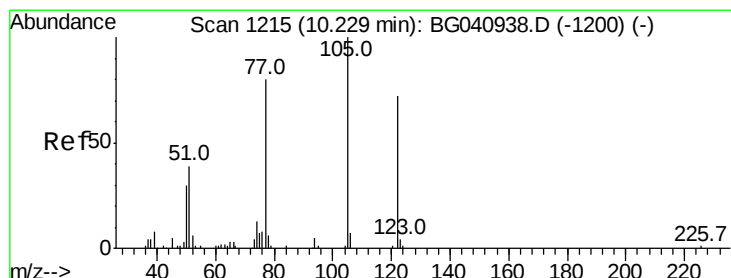
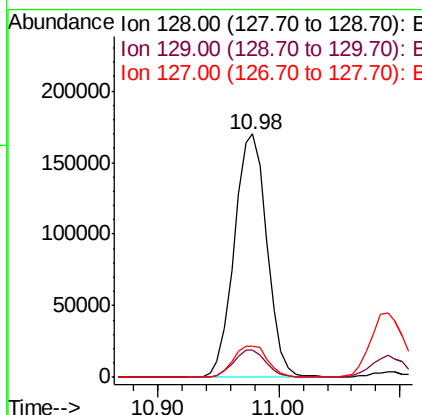
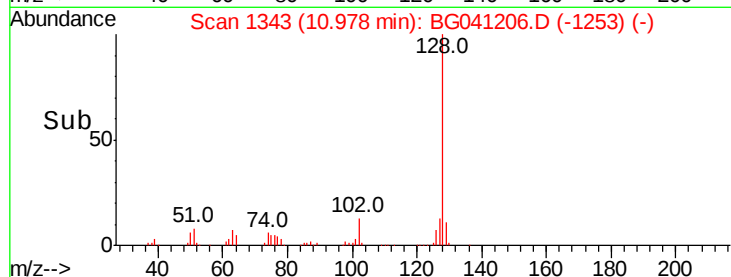
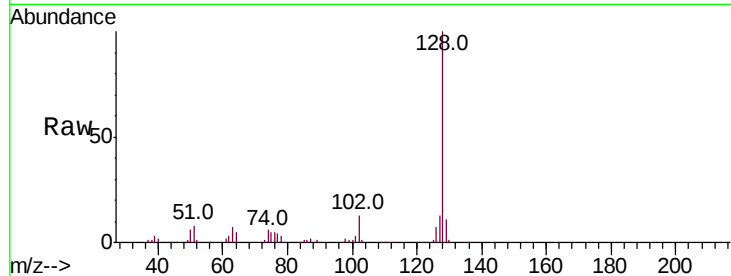
#31
Naphthalene
Concen: 35.659 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Instrument :
BNA_G
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.5	12.7
127	12.9	11.4	17.2

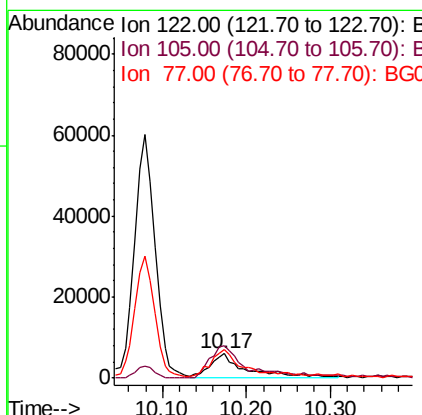
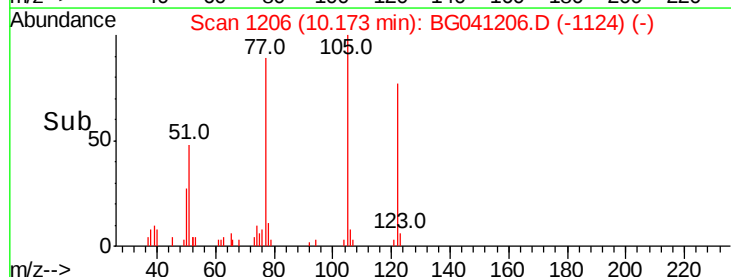
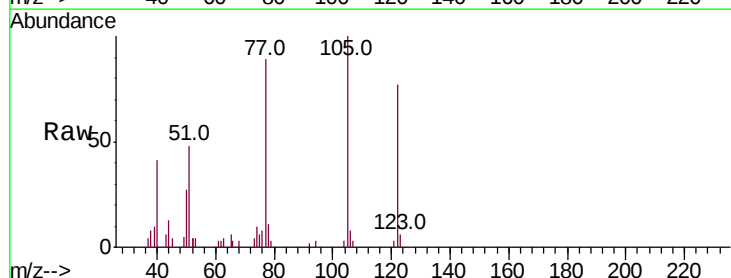
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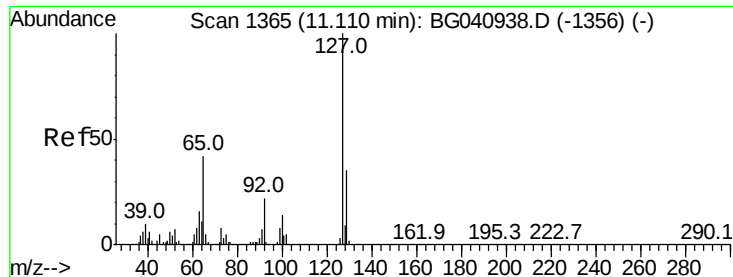
mohammad
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#32
Benzoic acid
Concen: 15.673 ng m
RT: 10.17 min Scan# 1206
Delta R.T. -0.05 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.6	114.8	154.8
77	116.8	89.9	129.9





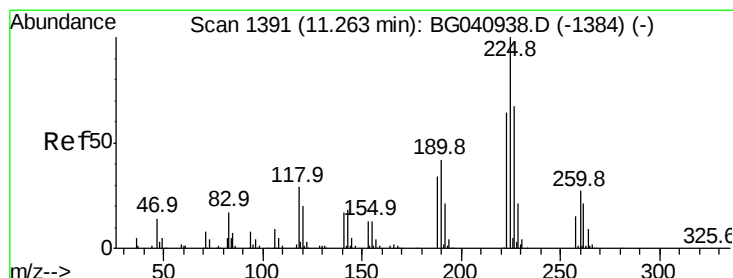
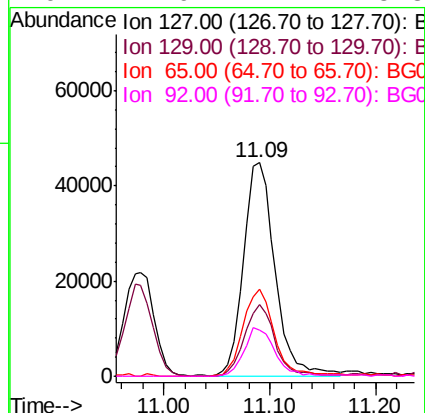
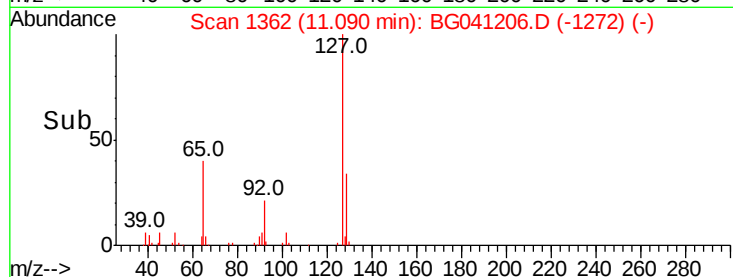
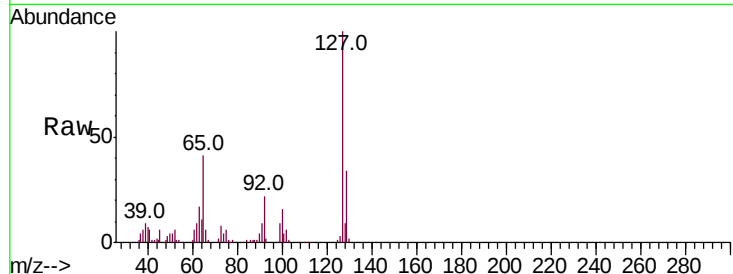
#33
4-Chloroaniline
Concen: 22.446 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Instrument :
BNA_G
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.8	27.7	41.5
65	40.7	33.2	49.8
92	21.9	17.2	25.8

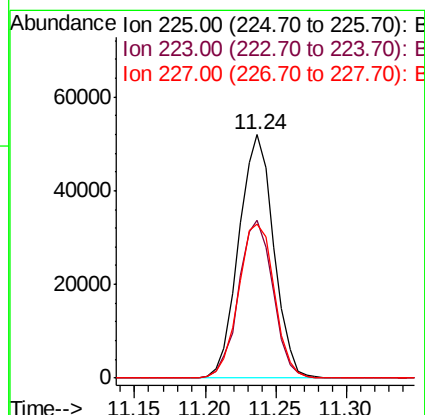
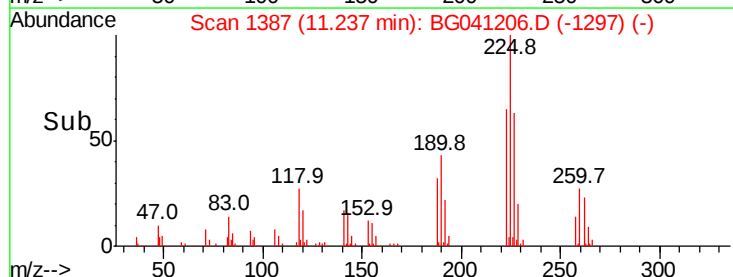
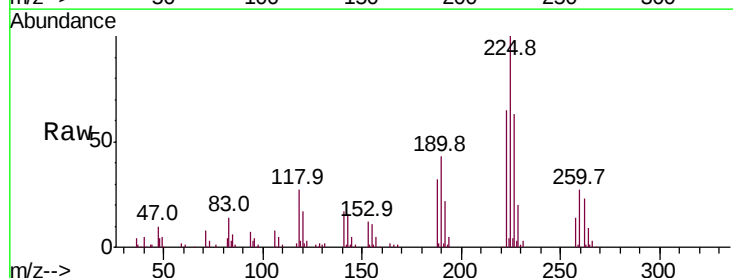
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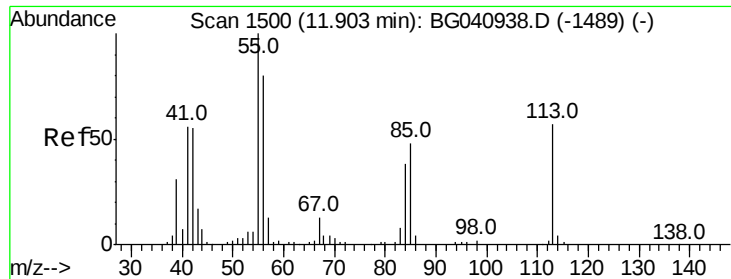
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#34
Hexachlorobutadiene
Concen: 31.096 ng
RT: 11.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	48.8	73.2
227	63.4	51.4	77.0





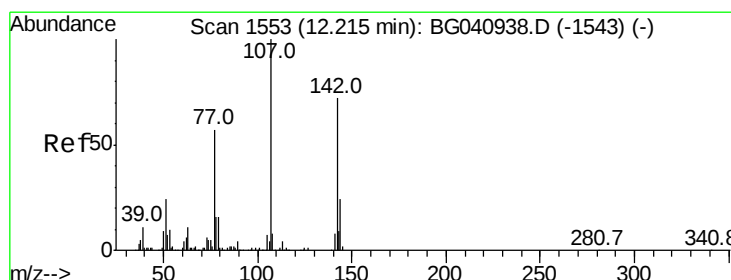
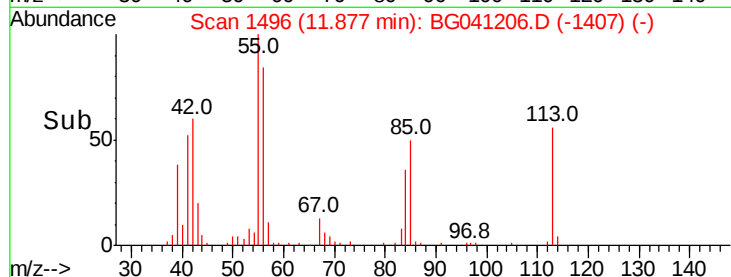
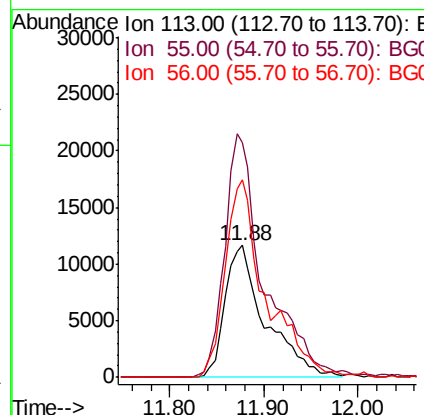
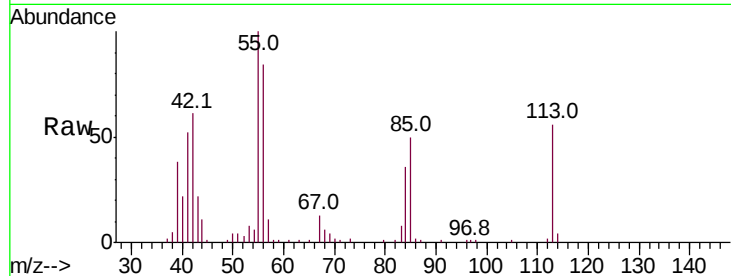
#35
 Caprolactam
 Concen: 31.930 ng
 RT: 11.88 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

Instrument :
 BNA_G
 ClientSampleId :
 200030-200034MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	178.5	155.9	195.9
56	149.7	119.9	159.9

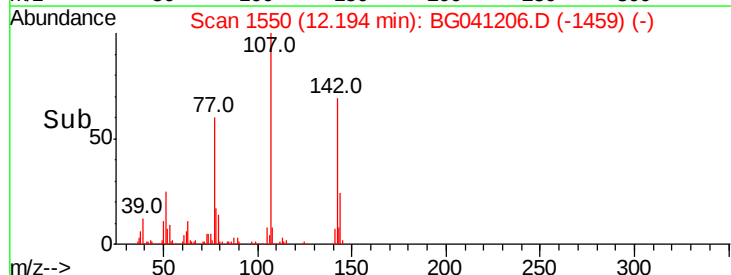
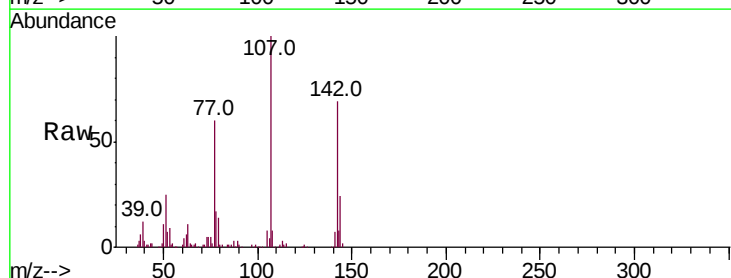
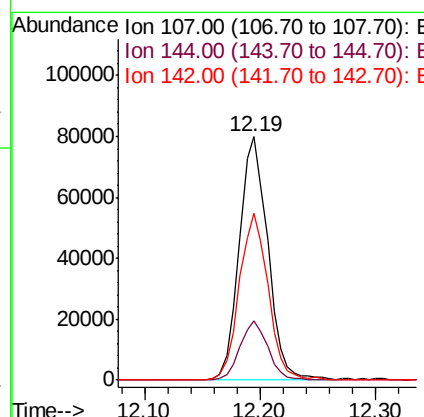
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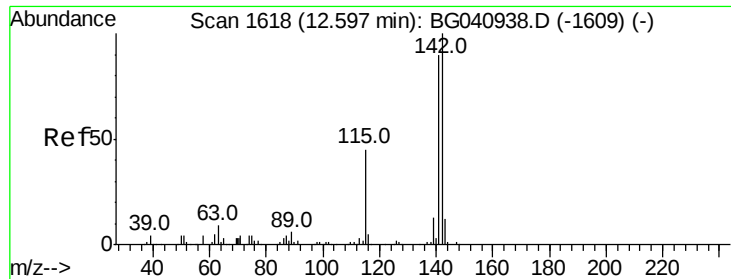
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 36.337 ng
 RT: 12.19 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.1	19.4	29.0
142	68.5	57.3	85.9





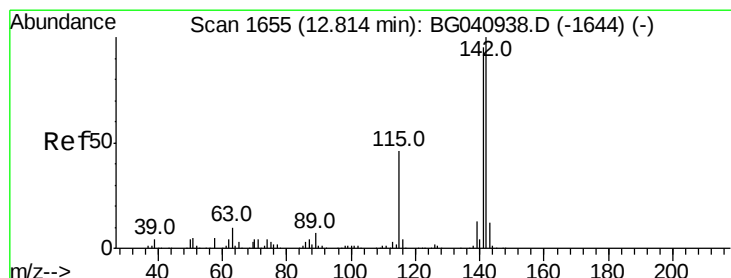
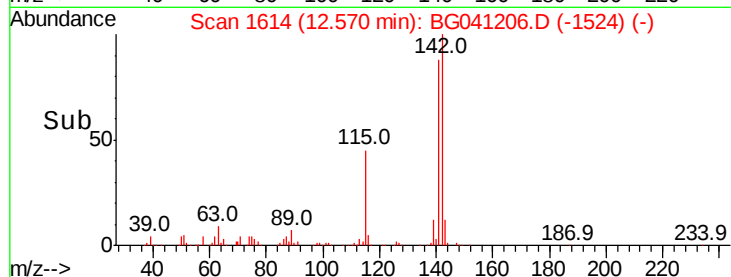
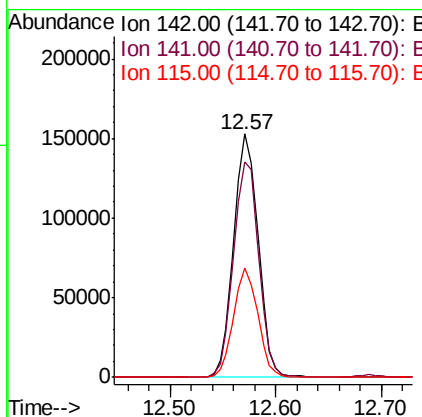
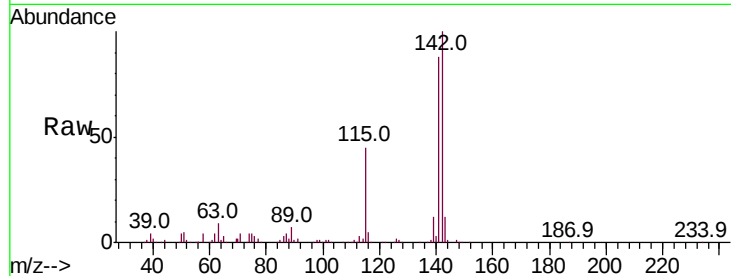
#37
2-Methylnaphthalene
Concen: 35.629 ng
RT: 12.57 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Instrument :
BNA_G
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.2	108.4
115	44.8	36.2	54.4

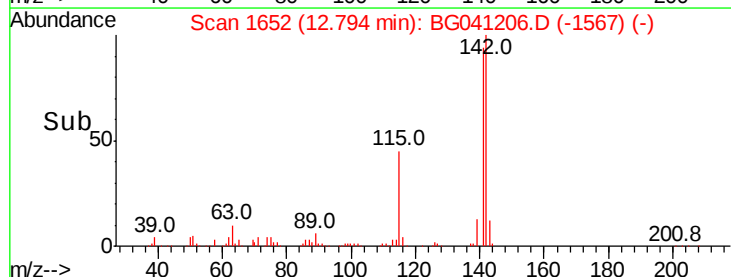
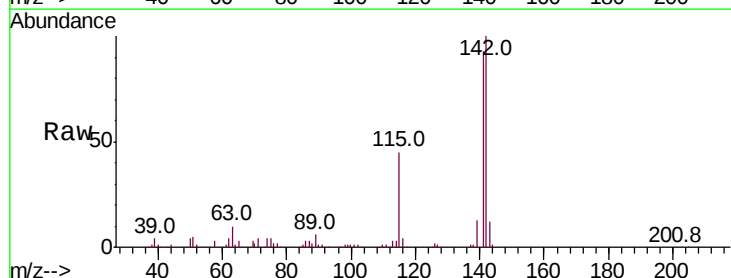
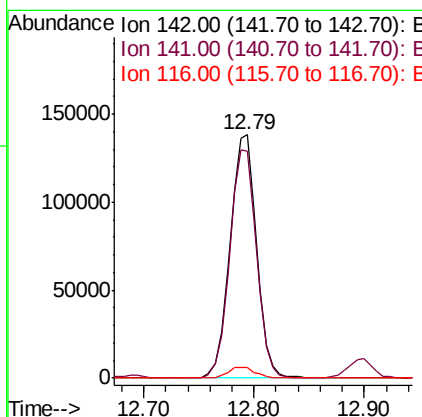
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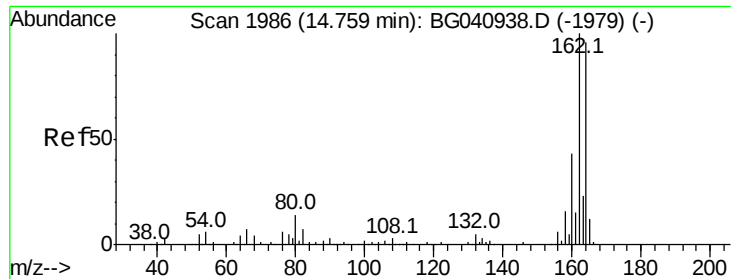
mohammad
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#38
1-Methylnaphthalene
Concen: 35.817 ng
RT: 12.79 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	75.7	113.5
116	4.4	3.4	5.2





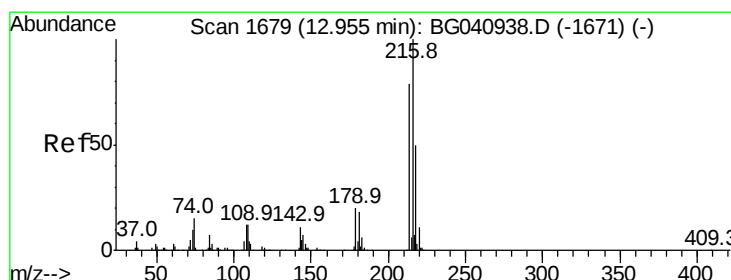
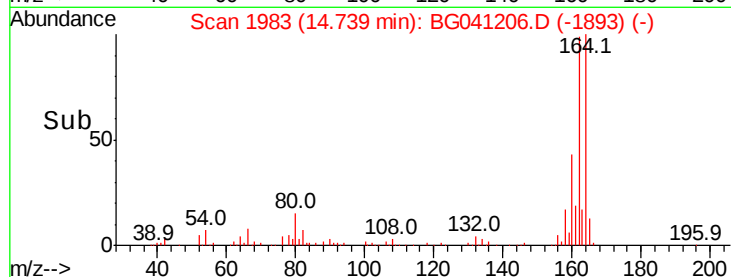
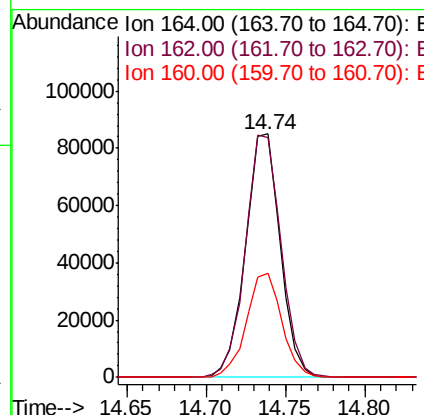
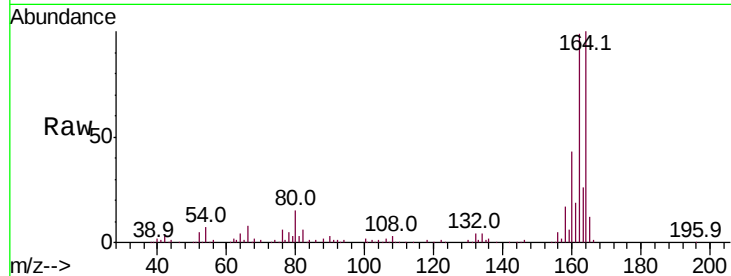
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Instrument :
BNA_G
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	98.5	83.0	124.4	
160	42.7	35.6	53.4	

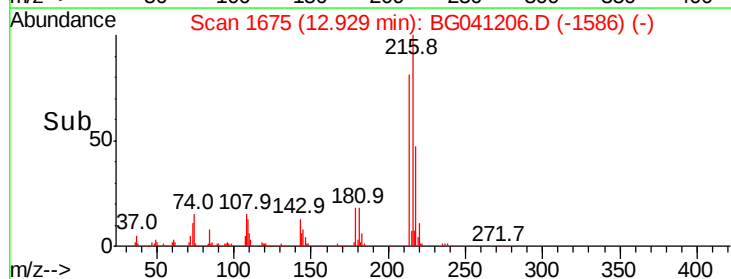
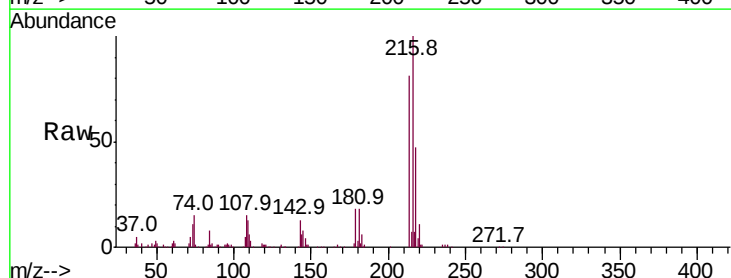
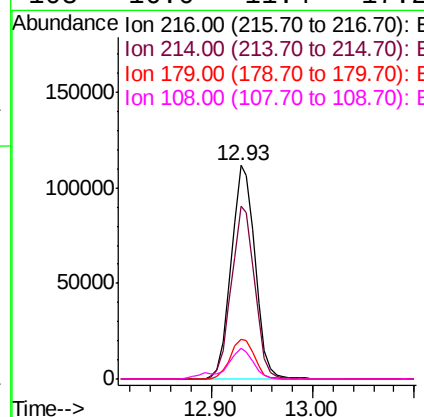
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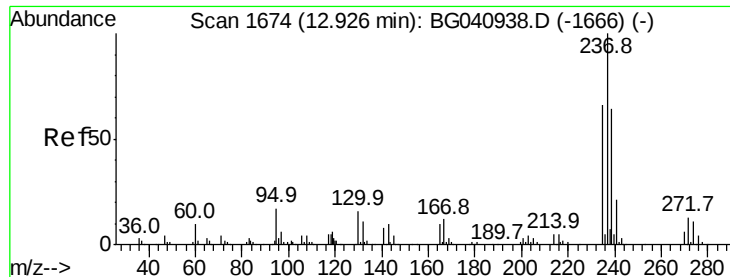
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.075 ng
RT: 12.93 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	63.4	95.2	
179	18.9	15.2	22.8	
108	16.0	11.4	17.2	





#41

Hexachlorocyclopentadiene

Concen: 68.212 ng

RT: 12.90 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

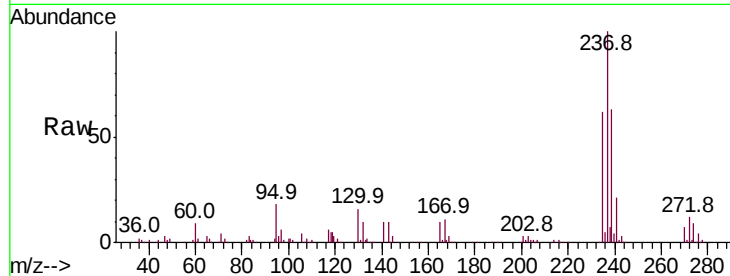
ClientSampleId :

200030-200034MS

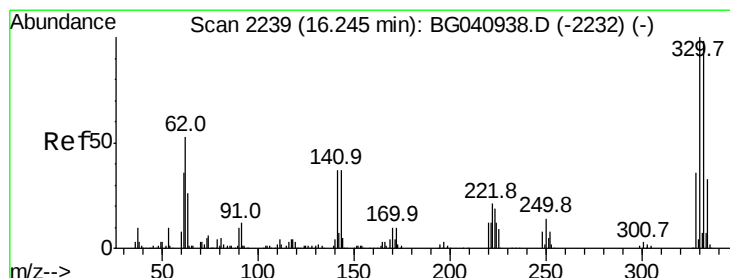
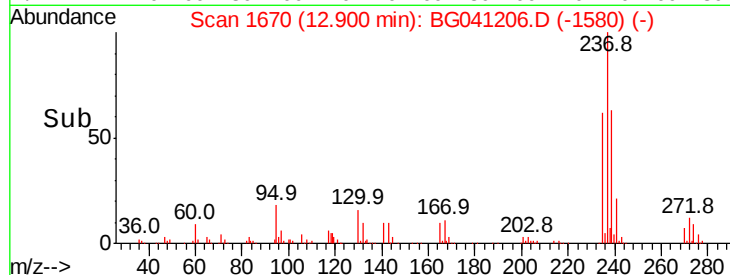
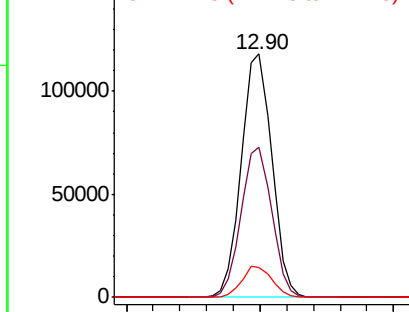
Tot Ion:	237	Resp:	186779
Ion Ratio	Lower	Upper	
237	100		
235	61.8	45.5	85.5
272	12.4	0.0	32.9

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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: 124.745 ng

RT: 16.23 min Scan# 2236

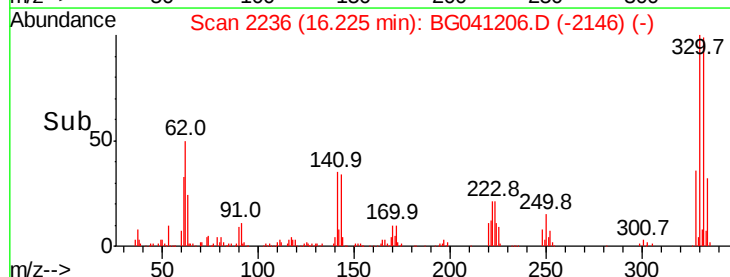
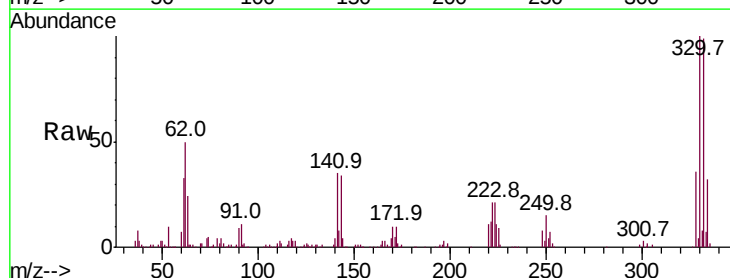
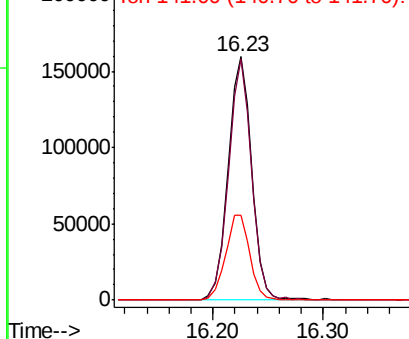
Delta R.T. 0.00 min

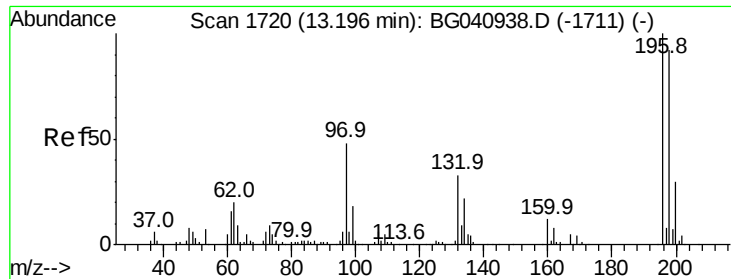
Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Tgt Ion:	330	Resp:	238786
Ion Ratio	Lower	Upper	
330	100		
332	96.4	78.5	117.7
141	35.7	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





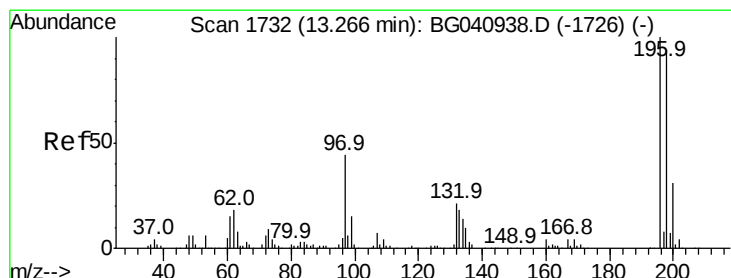
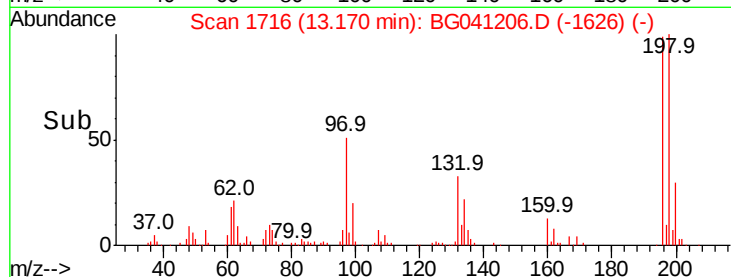
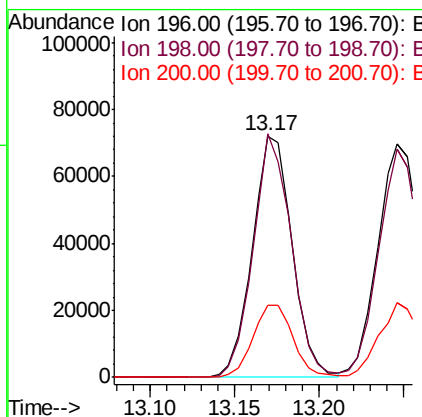
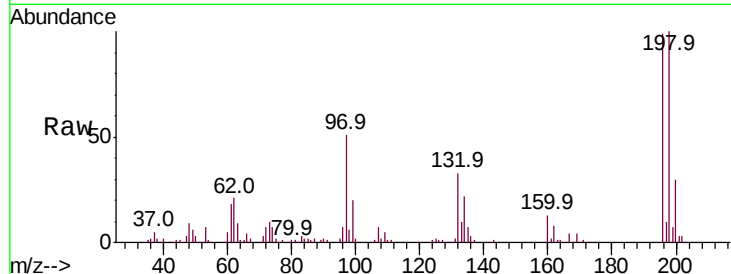
#43
 2,4,6-Trichlorophenol
 Concen: 34.878 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

Instrument :
 BNA_G
 ClientSampleId :
 200030-200034MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	117259		
198	100.9	73.8	110.6	
200	29.9	24.1	36.1	

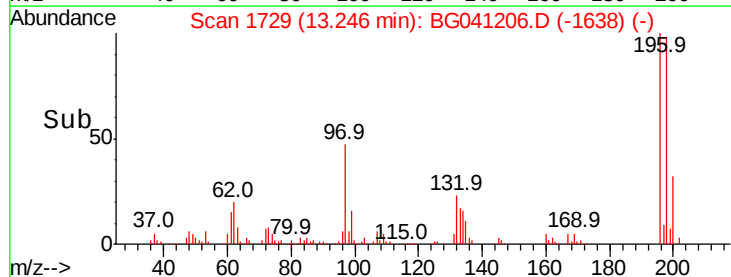
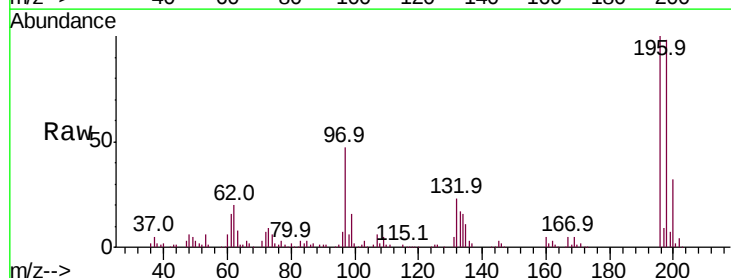
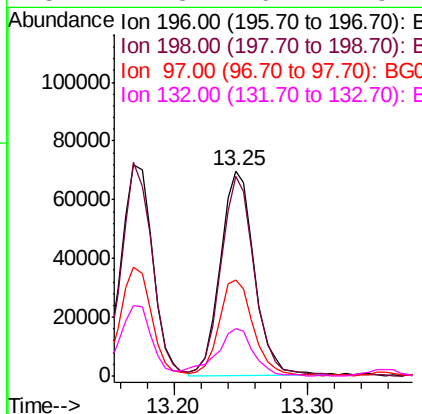
Manual Integrations
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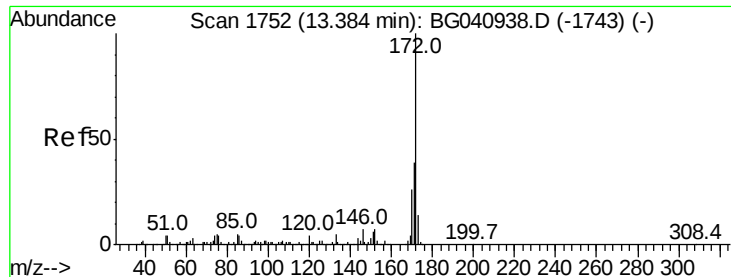
mohammad
 6/14/2019 8:36:37 AM



#44
 2,4,5-Trichlorophenol
 Concen: 35.085 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	124399		
198	97.6	75.1	112.7	
97	46.8	35.6	53.4	
132	22.8	16.7	25.1	





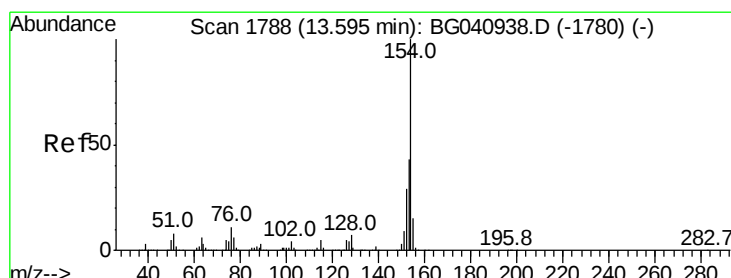
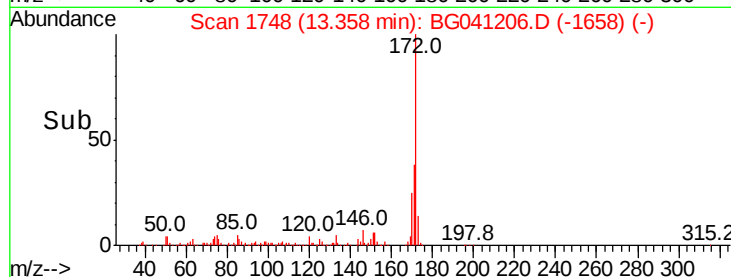
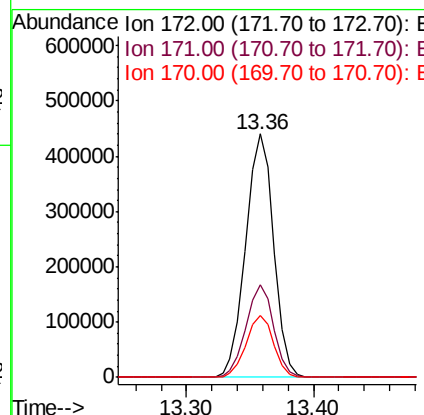
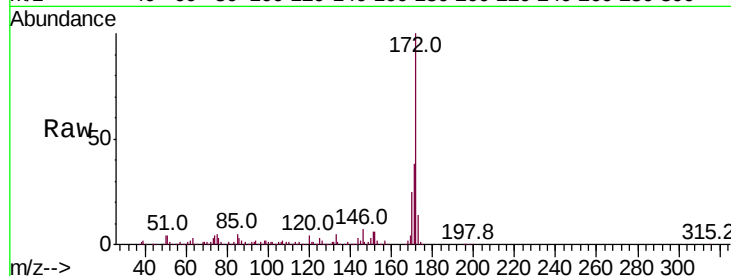
#45
2-Fluorobiphenyl
Concen: 75.371 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Instrument :
BNA_G
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.1	46.7
170	25.2	20.5	30.7

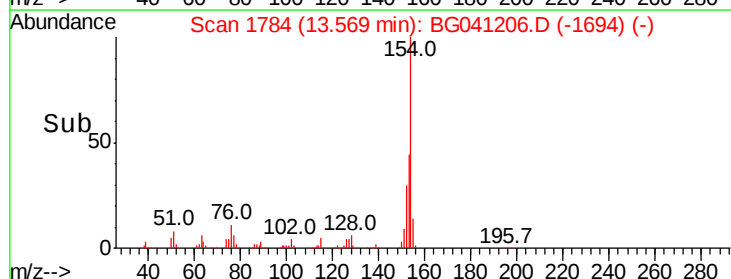
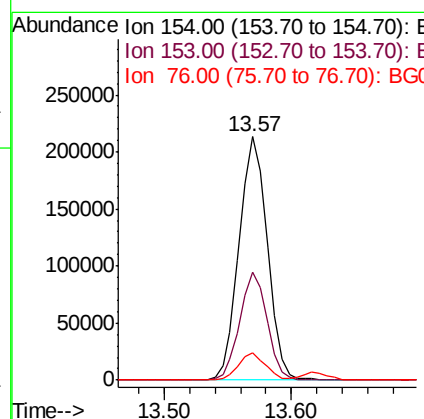
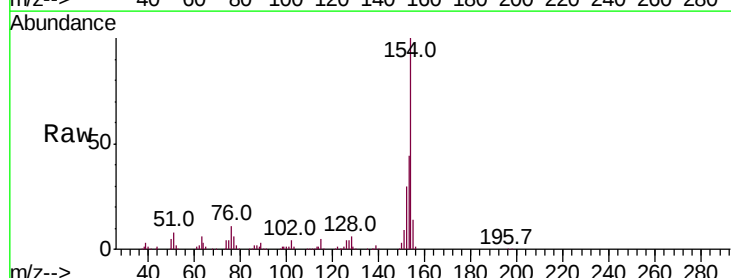
Manual Integrations
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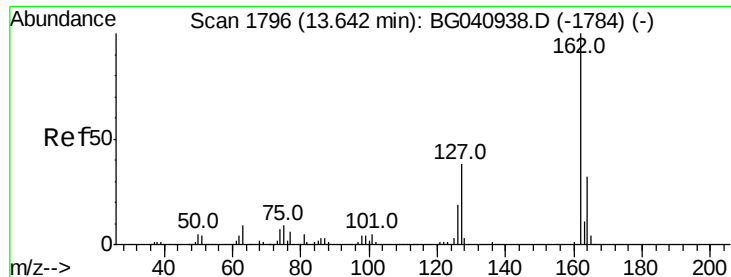
mohammad
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#46
1,1'-Biphenyl
Concen: 34.401 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.2	23.3	63.3
76	11.4	0.0	31.1





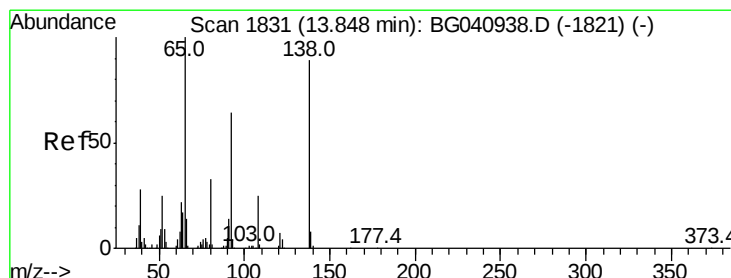
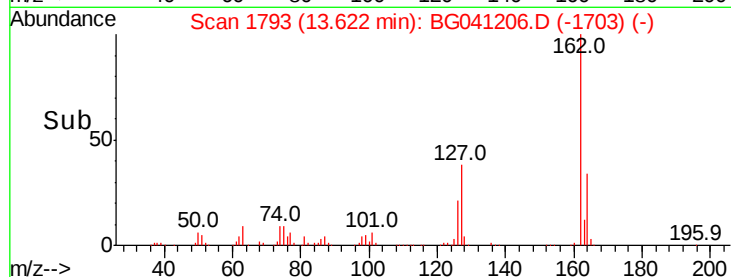
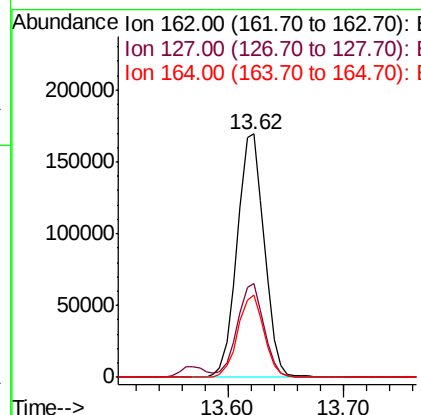
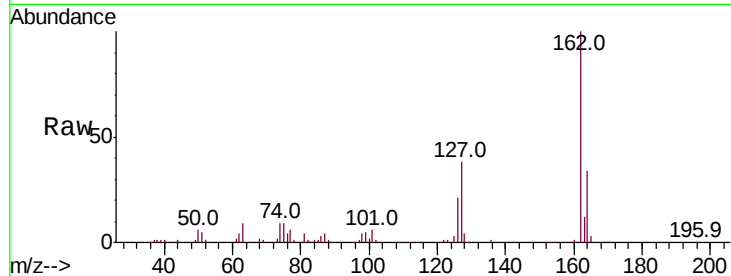
#47
2-Chloronaphthalene
Concen: 33.646 ng
RT: 13.62 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Instrument :
BNA_G
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	275686		
127	38.4		30.5	45.7
164	33.6		25.8	38.6

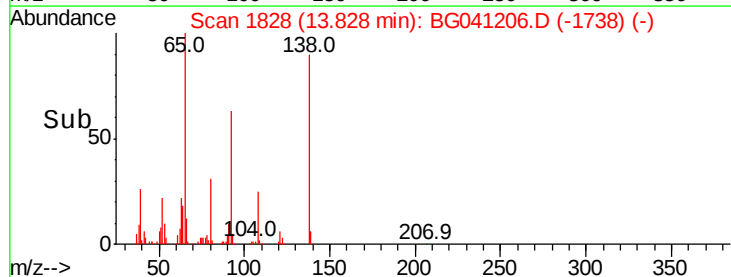
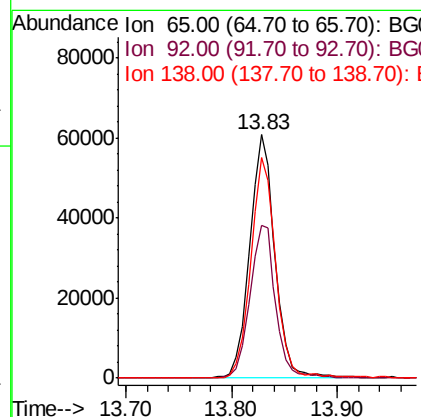
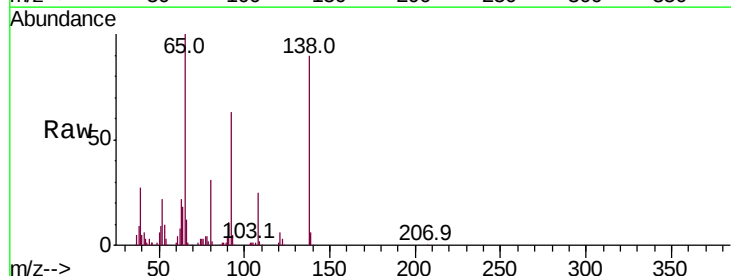
Manual Integrations
APPROVED

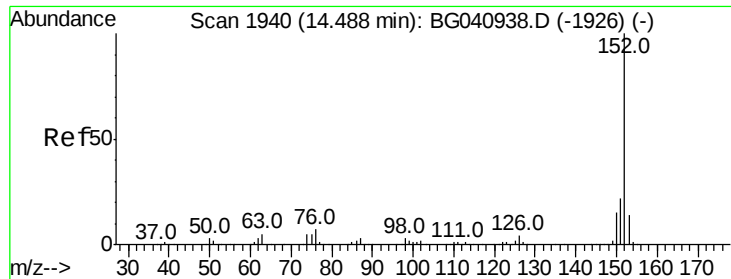
mohammad
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#48
2-Nitroaniline
Concen: 34.126 ng
RT: 13.83 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	100313		
92	62.7		51.0	76.6
138	90.5		71.2	106.8





#49

Acenaphthylene

Concen: 35.228 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

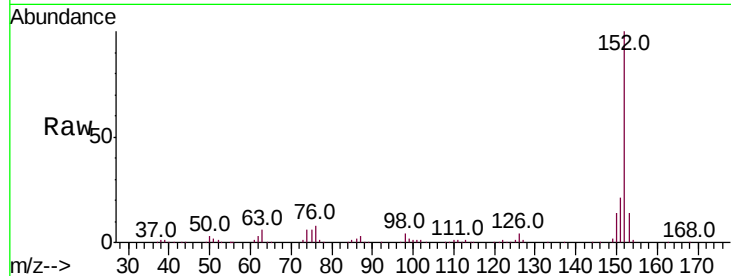
ClientSampleId :

200030-200034MS

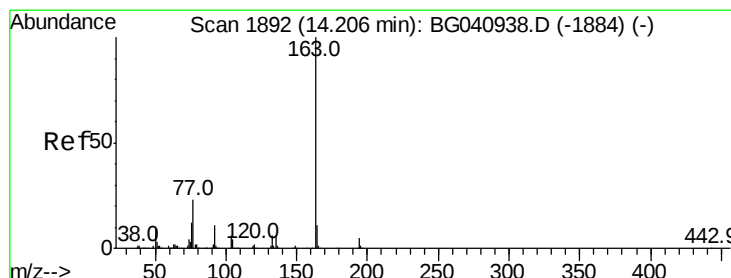
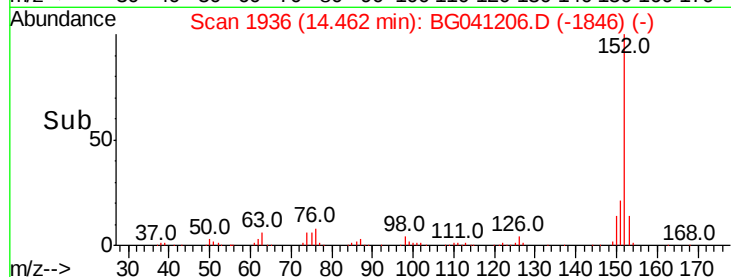
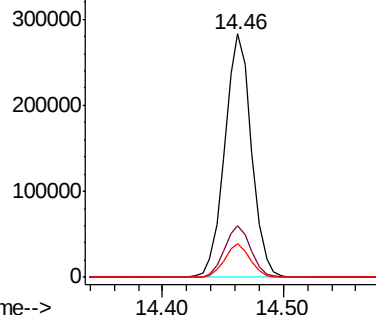
Tot Ion:	152	Resp:	434434
Ion Ratio	Lower	Upper	
152	100		
151	21.4	17.4	26.0
153	14.1	11.0	16.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.948 ng

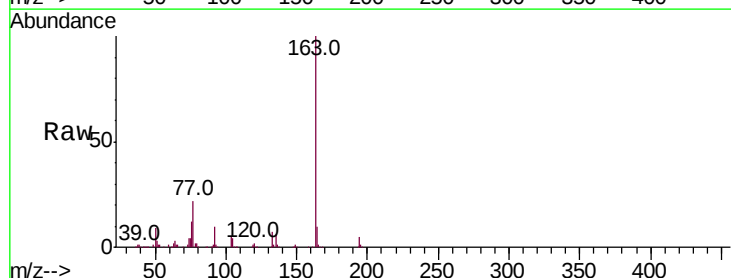
RT: 14.19 min Scan# 1889

Delta R.T. 0.00 min

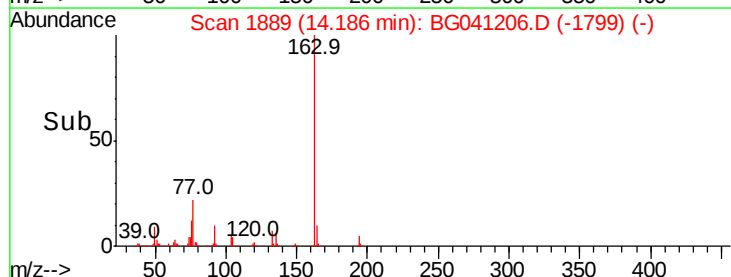
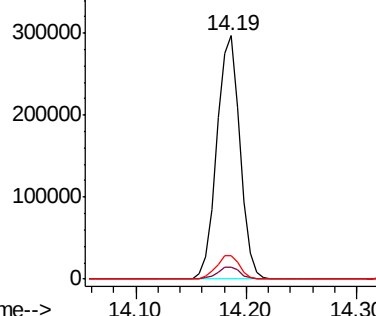
Lab File: BG041206.D

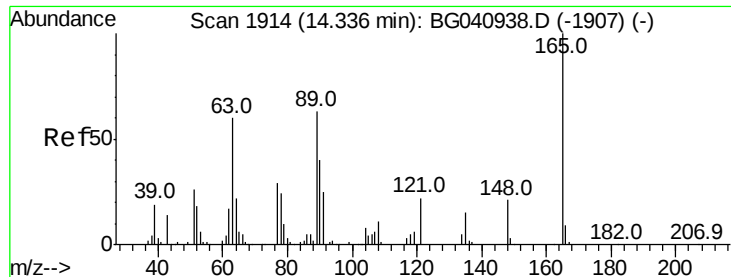
Acq: 12 Jun 2019 15:01

Tgt Ion:	163	Resp:	436017
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.8	5.8
164	9.7	8.7	13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 34.684 ng

RT: 14.32 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

ClientSampleId :

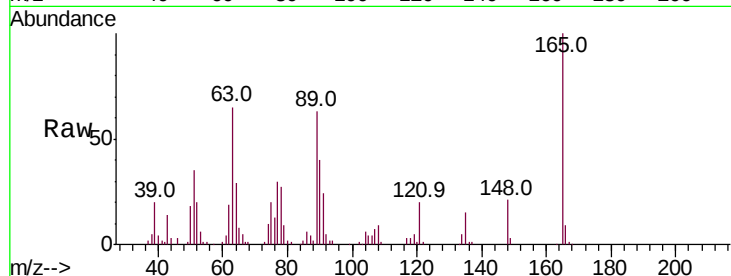
200030-200034MS

Tot Ion:165 Resp: 81622

Ion	Ratio	Lower	Upper
165	100		
63	64.8	53.6	80.4
89	62.7	50.4	75.6

Manual Integrations
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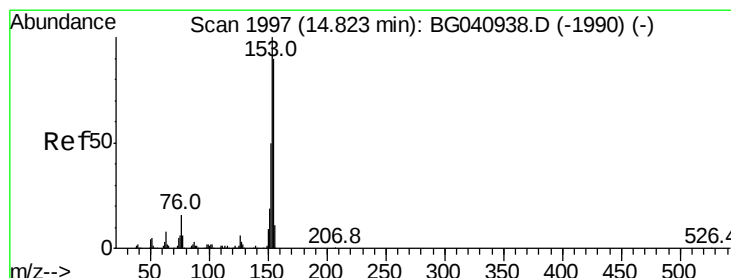
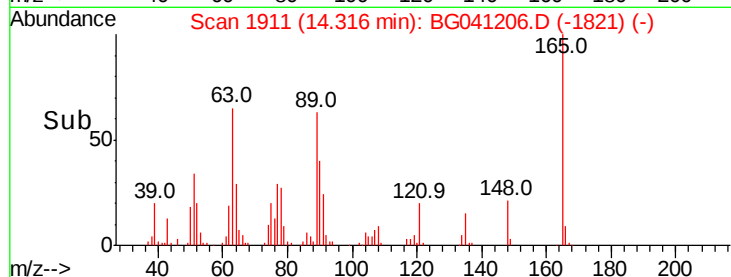
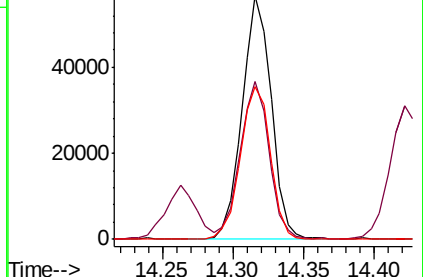
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 33.432 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

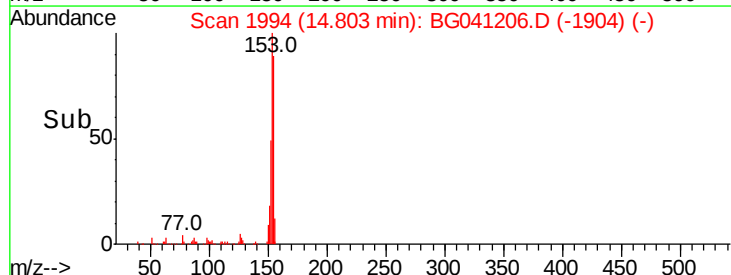
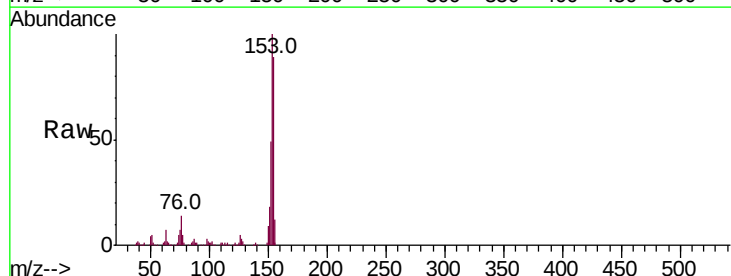
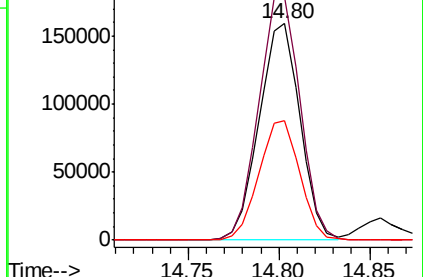
Tgt Ion:154 Resp: 249755

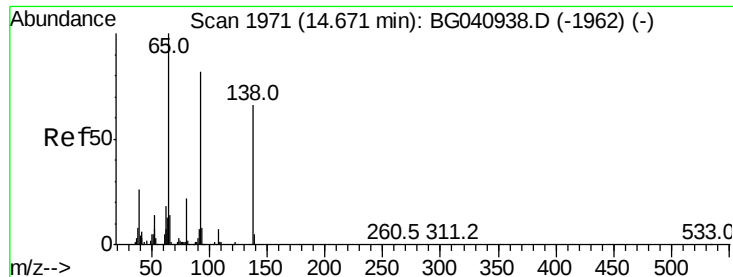
Ion	Ratio	Lower	Upper
154	100		
153	112.4	88.6	133.0
152	55.3	44.2	66.4

Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





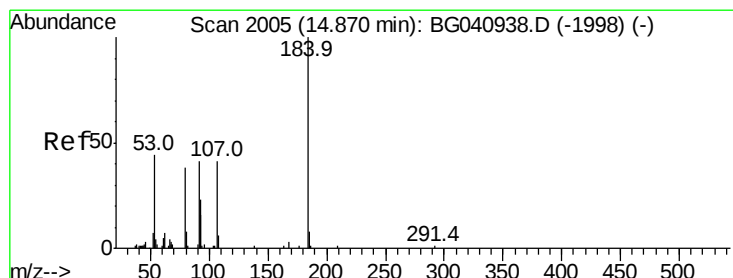
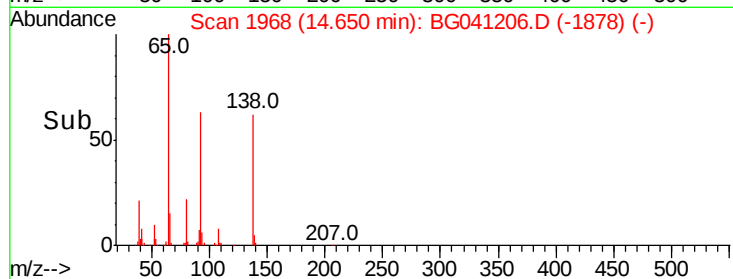
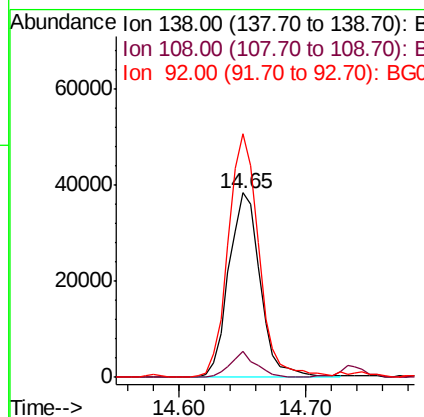
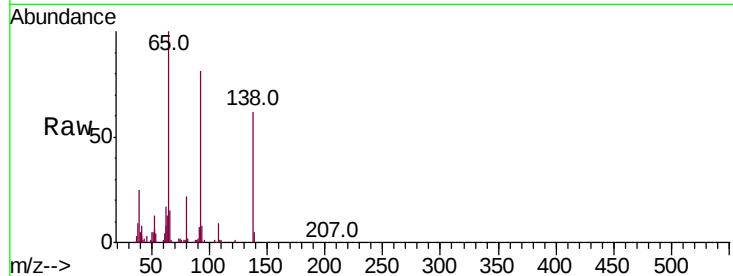
#53
3-Nitroaniline
Concen: 28.061 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Instrument :
BNA_G
ClientSampleId :
200030-200034MS

Tot Ion:138 Resp: 66035
Ion Ratio Lower Upper
138 100
108 14.2 8.5 12.7#
92 132.1 99.0 148.6

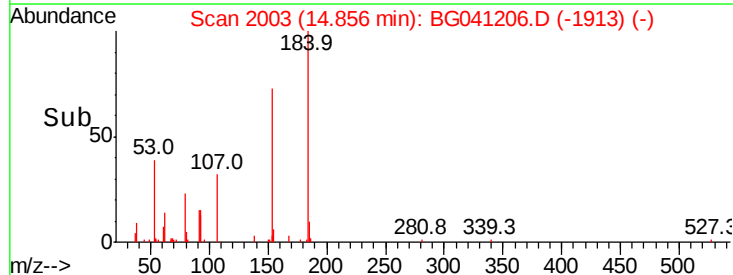
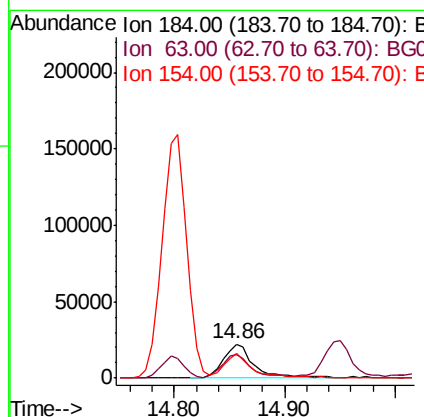
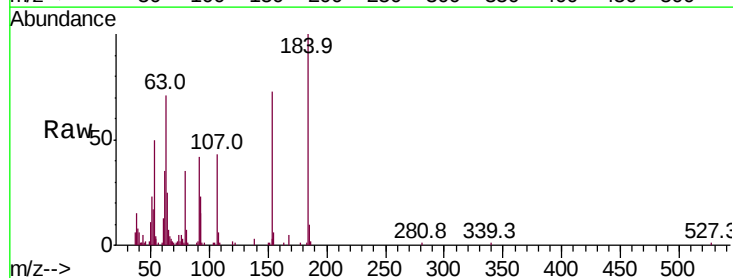
Manual Integrations
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#54
2,4-Dinitrophenol
Concen: 45.247 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion:184 Resp: 43379
Ion Ratio Lower Upper
184 100
63 70.8 49.8 74.6
154 72.7 52.2 78.4





#55

Dibenzofuran

Concen: 34.785 ng

RT: 15.13 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

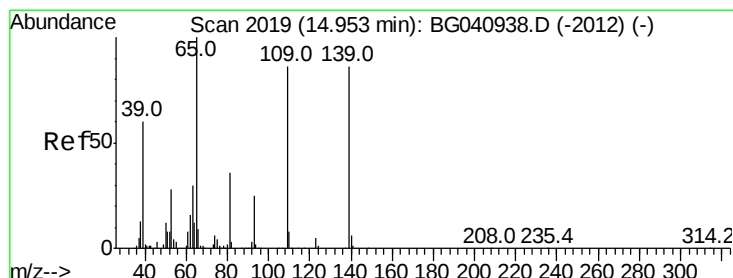
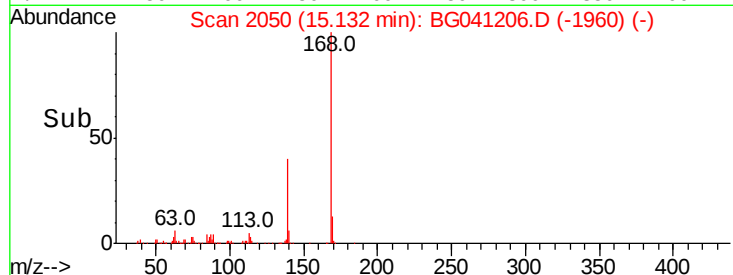
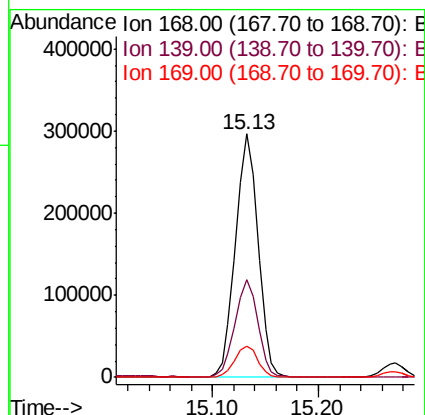
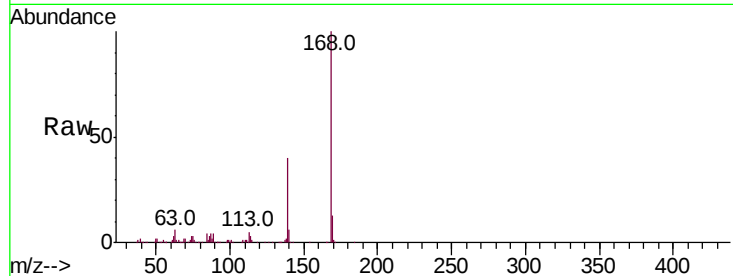
ClientSampleId :

200030-200034MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	32.8	49.2
169	12.9	11.3	16.9

Manual Integrations
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#56

4-Nitrophenol

Concen: 67.078 ng

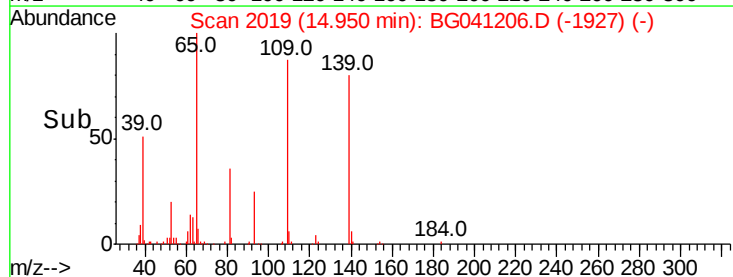
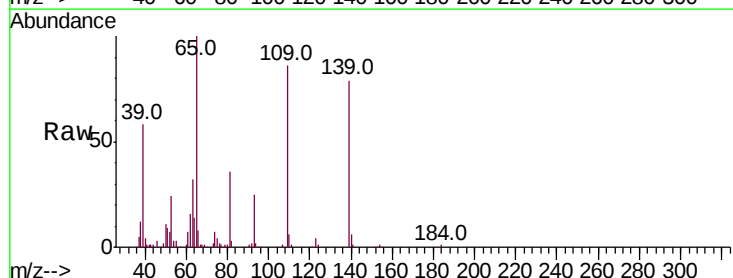
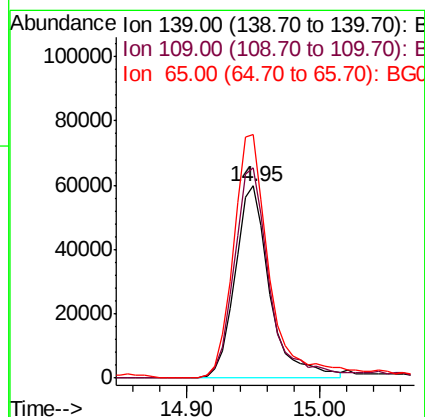
RT: 14.95 min Scan# 2019

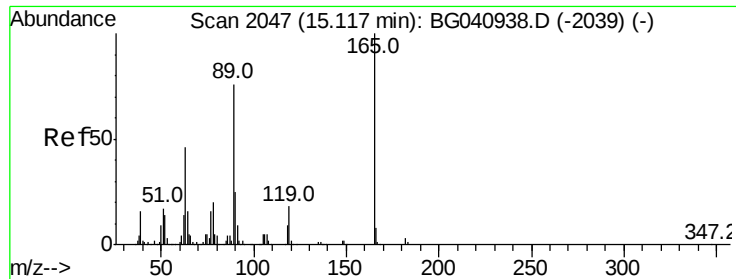
Delta R.T. 0.01 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	109.2	79.6	119.6
65	126.7	96.9	136.9





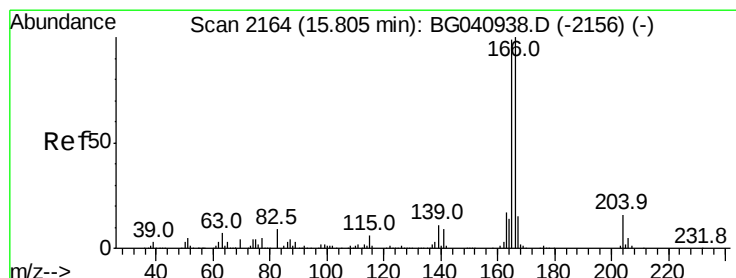
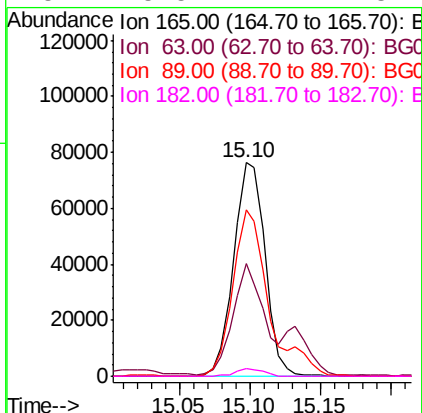
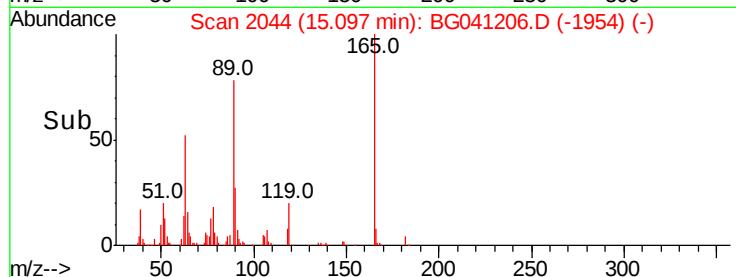
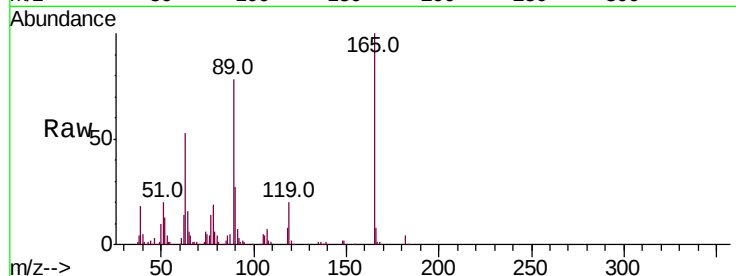
#57
2,4-Dinitrotoluene
Concen: 35.626 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Instrument :
BNA_G
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.6	37.3	55.9
89	78.1	61.0	91.6
182	3.5	2.2	3.2#

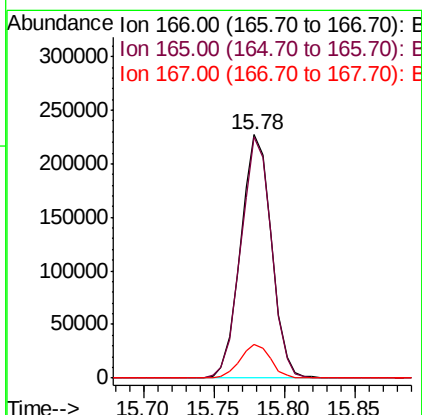
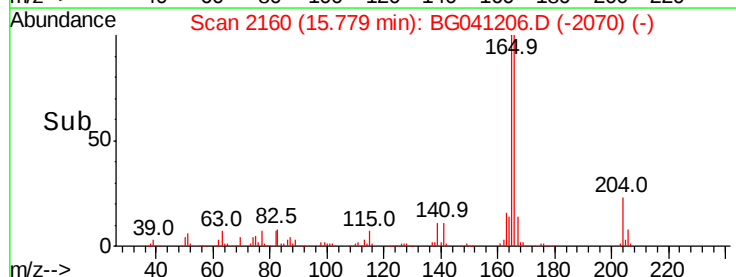
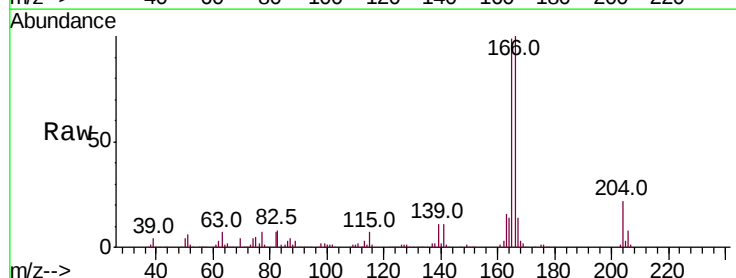
Manual Integrations
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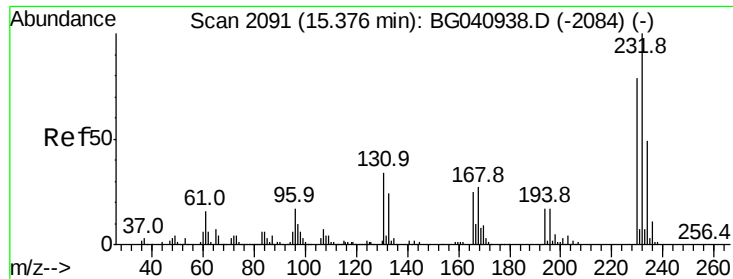
mohammad
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#58
Fluorene
Concen: 34.666 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.2	118.8
167	14.0	11.8	17.6





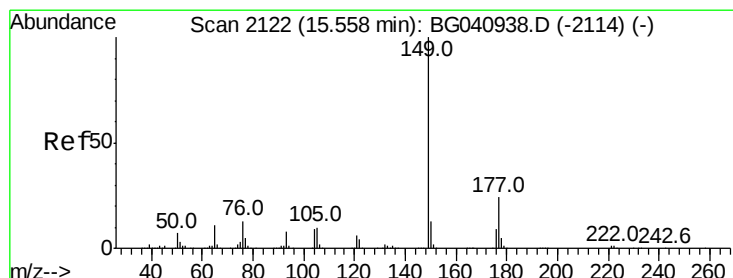
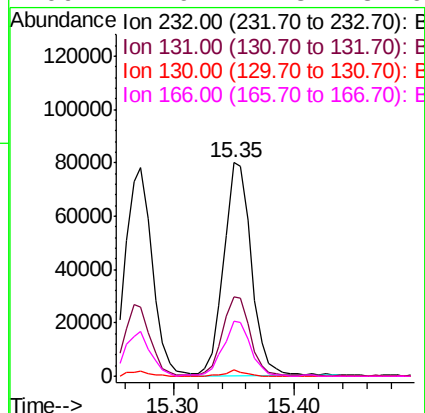
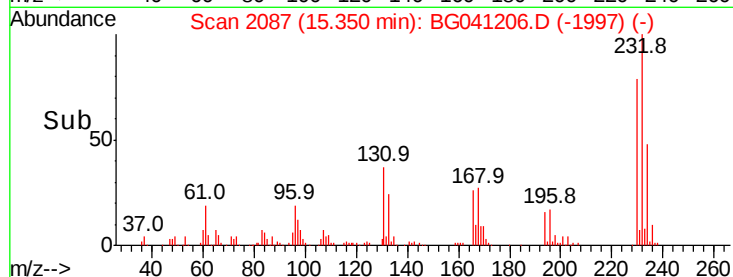
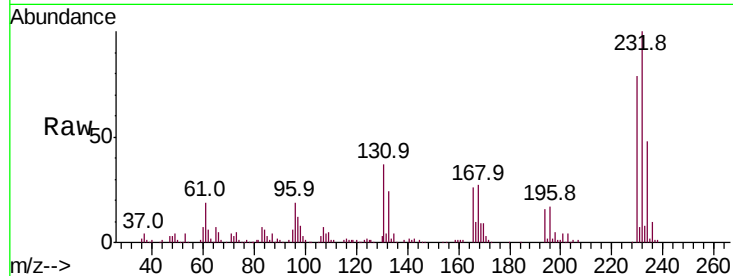
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.379 ng
RT: 15.35 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Instrument :
BNA_G
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	126761		
131	36.4		30.3	45.5
130	2.2		1.8	2.8
166	24.9		21.3	31.9

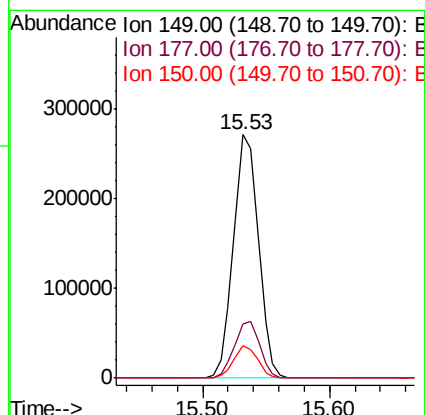
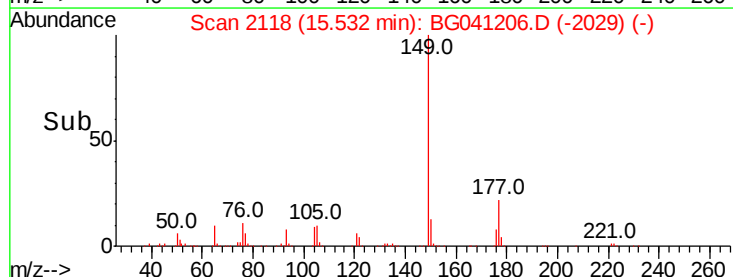
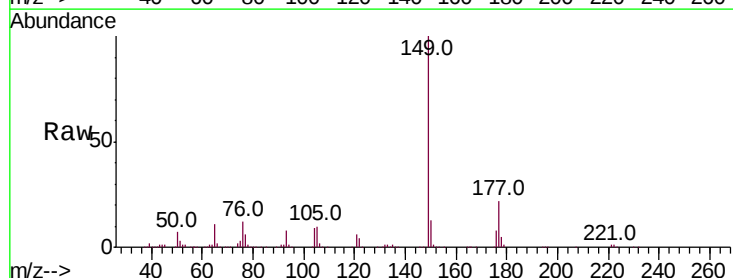
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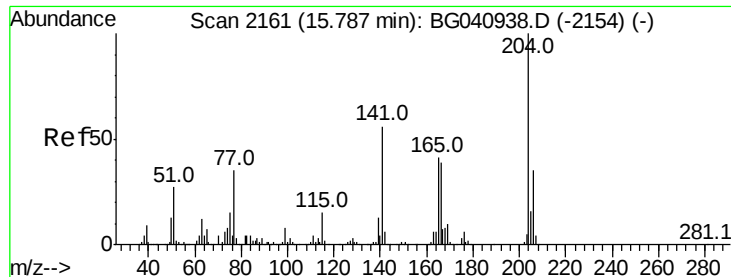
mohammad
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#60
Diethylphthalate
Concen: 33.168 ng
RT: 15.53 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	369453		
177	22.4		19.4	29.0
150	13.1		10.3	15.5





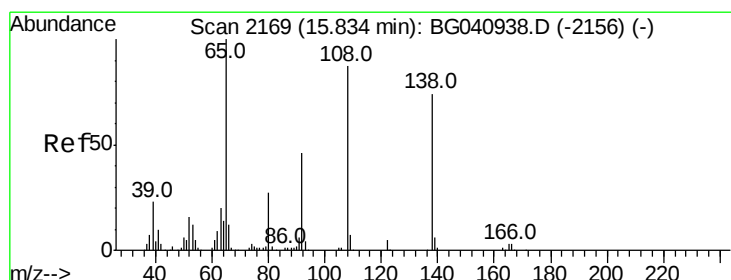
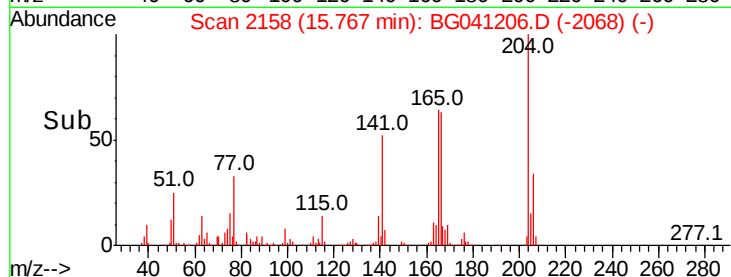
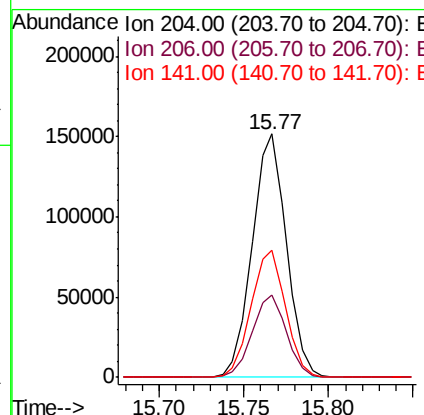
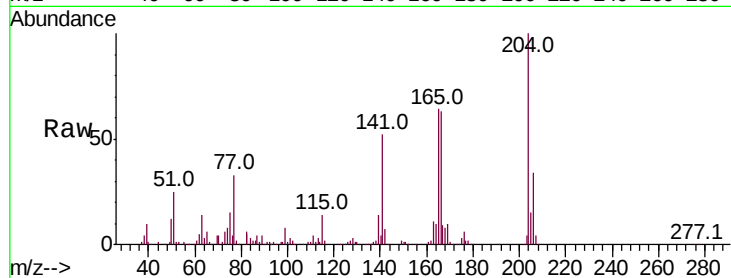
#61
 4-Chlorophenyl-phenylether
 Concen: 32.763 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. 0.00 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

Instrument :
 BNA_G
 ClientSampleId :
 200030-200034MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	27.6	41.4
141	52.4	45.1	67.7

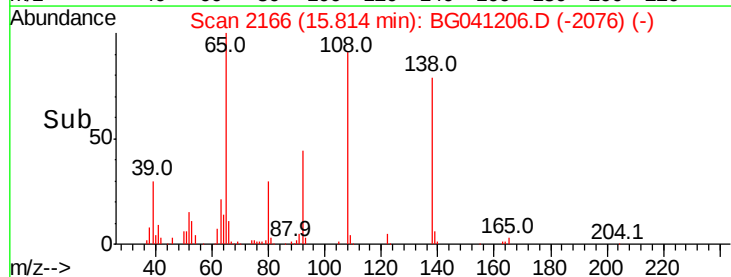
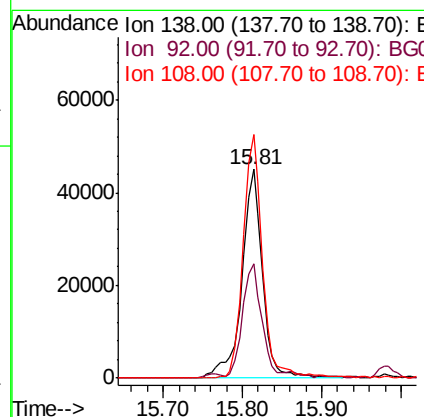
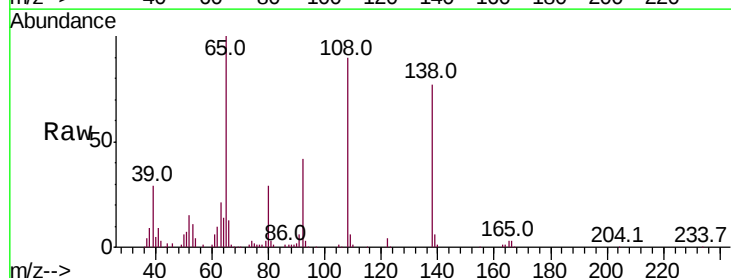
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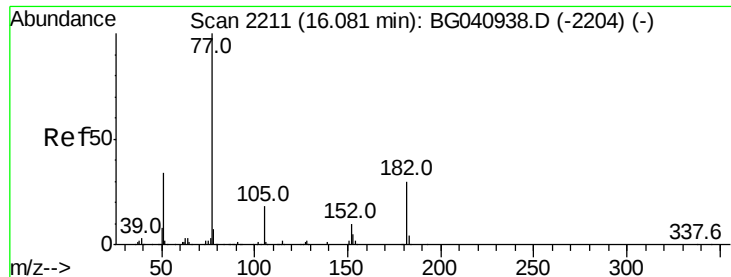
mohammad
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#62
 4-Nitroaniline
 Concen: 32.578 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.1	42.4	82.4
108	116.8	96.9	136.9





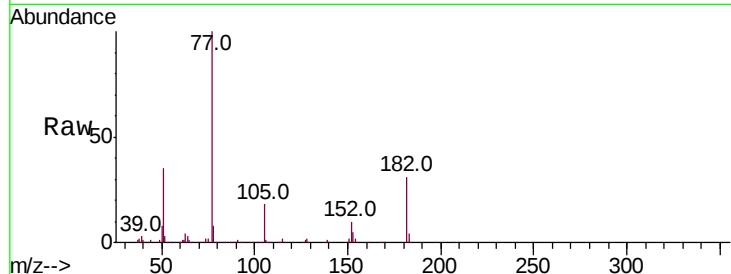
#63
Azobenzene
Concen: 33.274 ng
RT: 16.06 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Instrument :
BNA_G
ClientSampleId :
200030-200034MS

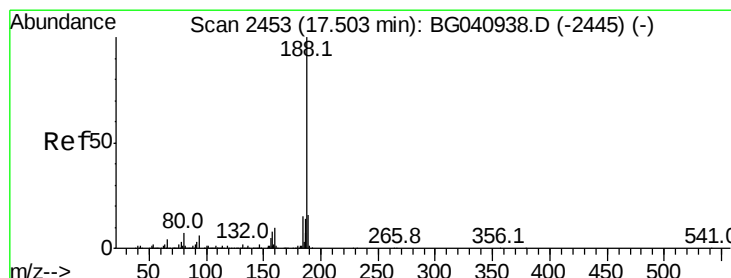
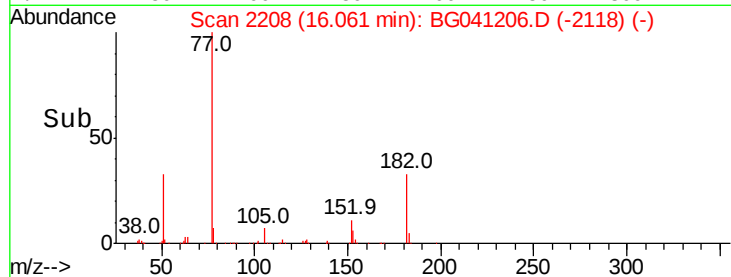
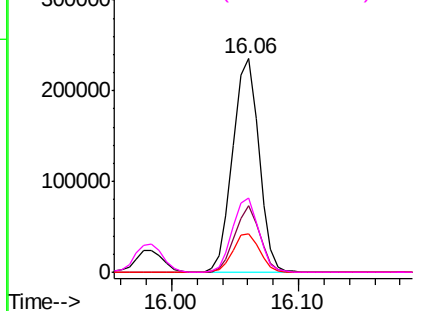
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	31.2	9.6	49.6		
105	18.1	0.0	37.5		
51	34.7	13.7	53.7		

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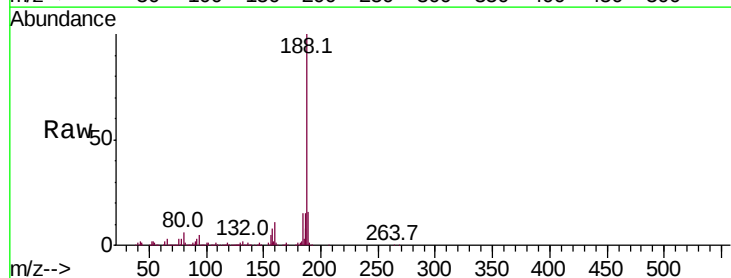


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

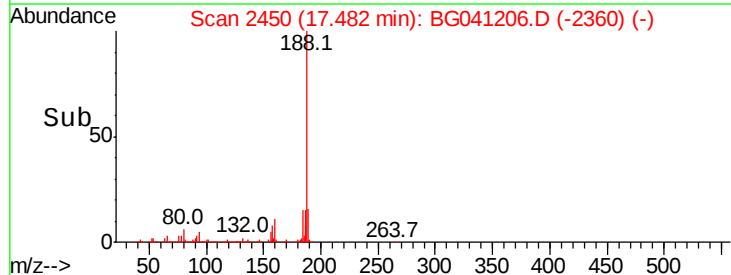
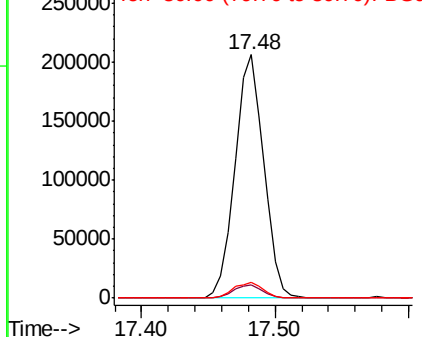


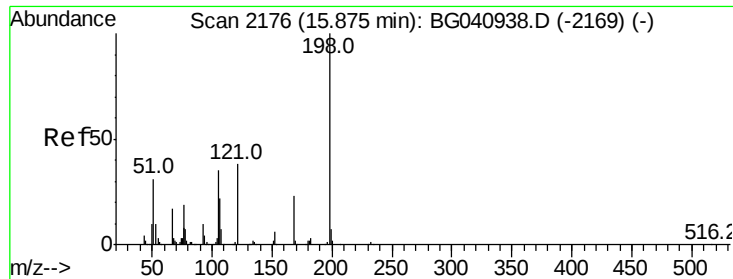
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	5.3	4.7	7.1		
80	6.2	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: 36.536 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

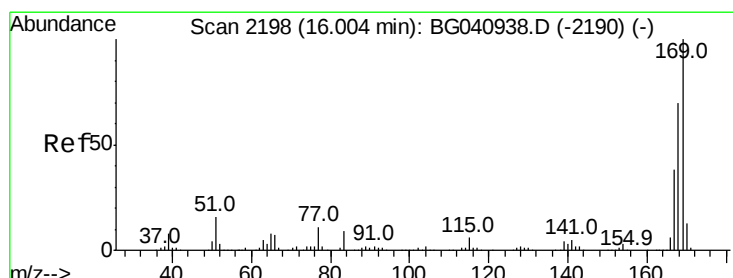
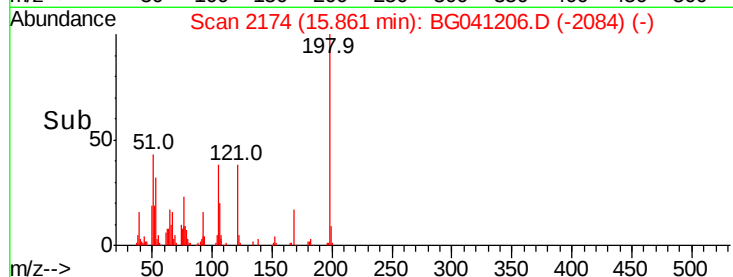
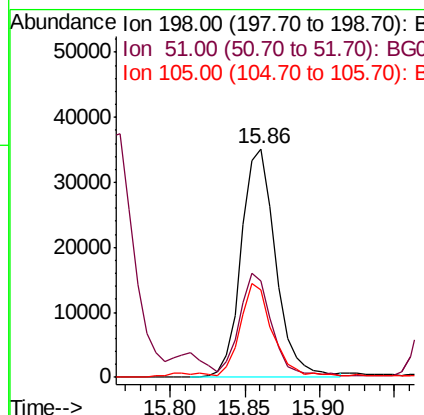
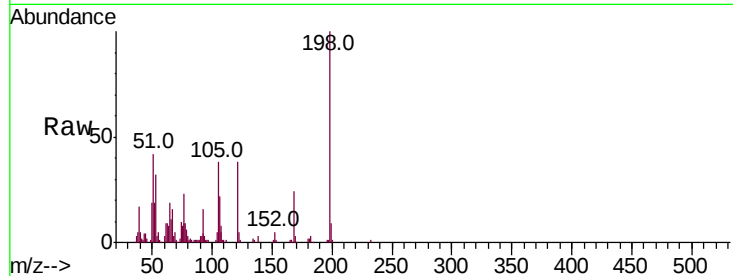
ClientSampleId :

200030-200034MS

Tot Ion:	198	Resp:	56316
Ion Ratio	Lower	Upper	
198	100		
51	42.0	21.6	61.6
105	38.2	17.5	57.5

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#66

n-Nitrosodiphenylamine

Concen: 35.975 ng

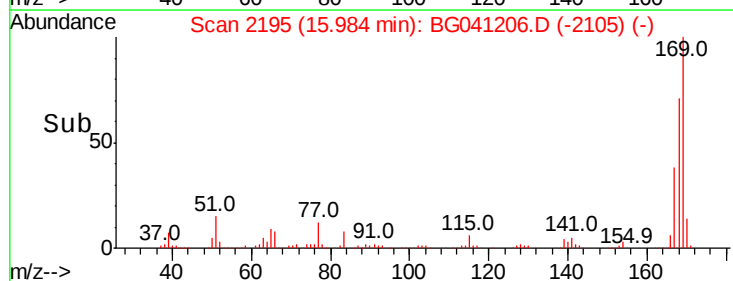
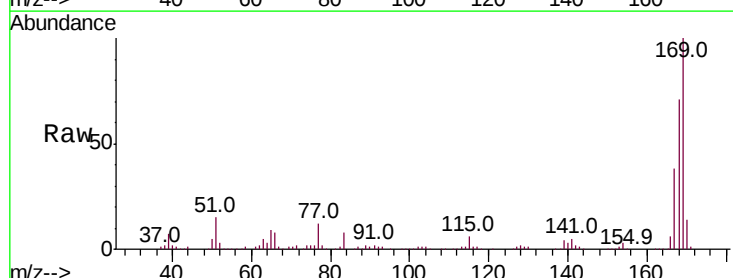
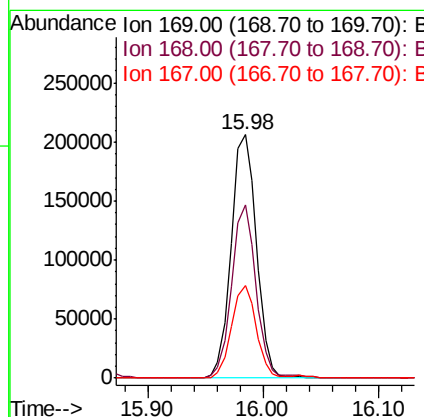
RT: 15.98 min Scan# 2195

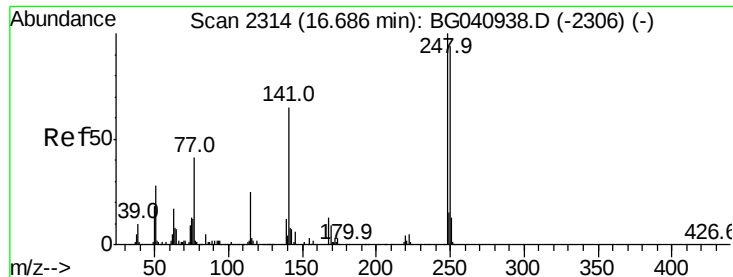
Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Tgt Ion:	169	Resp:	312255
Ion Ratio	Lower	Upper	
169	100		
168	71.2	55.7	83.5
167	38.1	30.2	45.2





#67

4-Bromophenyl-phenylether

Concen: 33.029 ng

RT: 16.66 min Scan# 2310

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

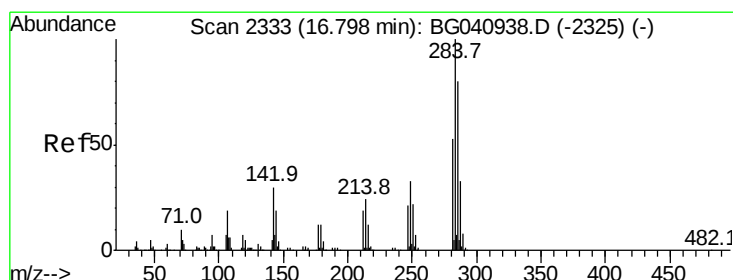
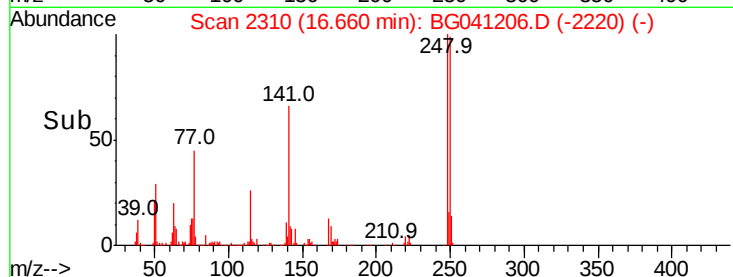
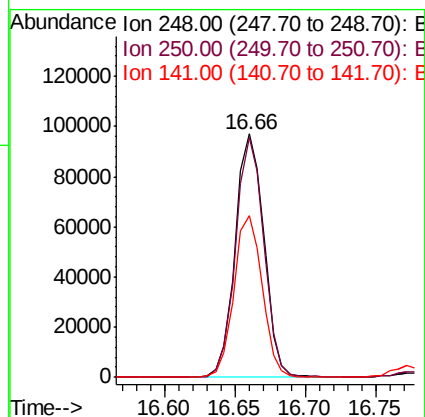
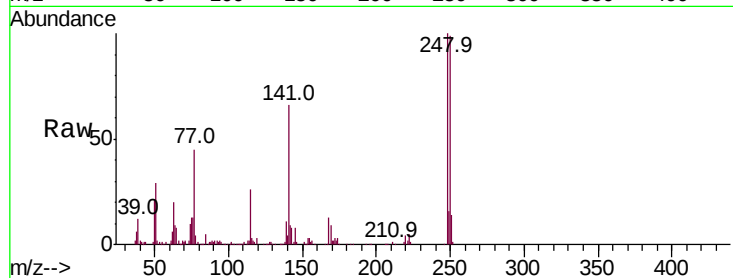
ClientSampleId :

200030-200034MS

Tot Ion:	248	Resp:	137628
Ion Ratio	Lower	Upper	
248	100		
250	98.5	75.0	112.4
141	66.2	52.4	78.6

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#68

Hexachlorobenzene

Concen: 32.676 ng

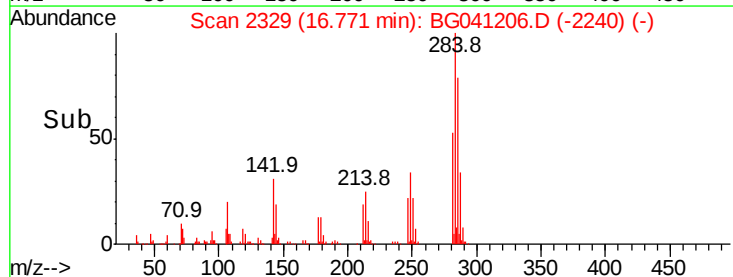
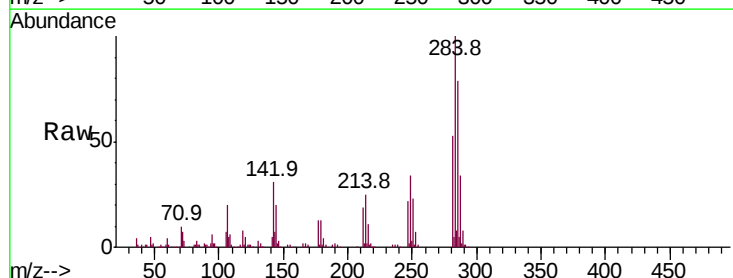
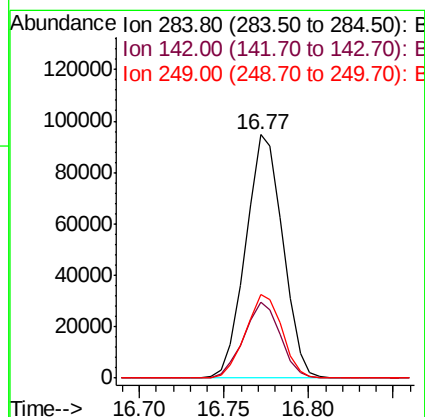
RT: 16.77 min Scan# 2329

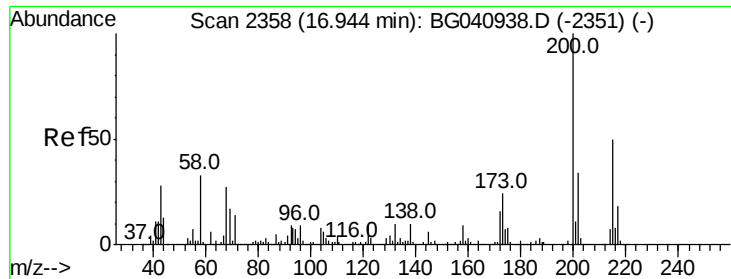
Delta R.T. -0.01 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Tgt Ion:	284	Resp:	144984
Ion Ratio	Lower	Upper	
284	100		
142	31.4	23.9	35.9
249	34.3	26.8	40.2





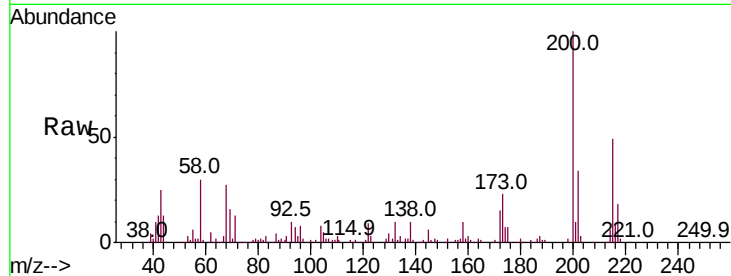
#69
Atrazine
Concen: 39.754 ng
RT: 16.92 min Scan# 2355
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Instrument :
BNA_G
ClientSampleId :
200030-200034MS

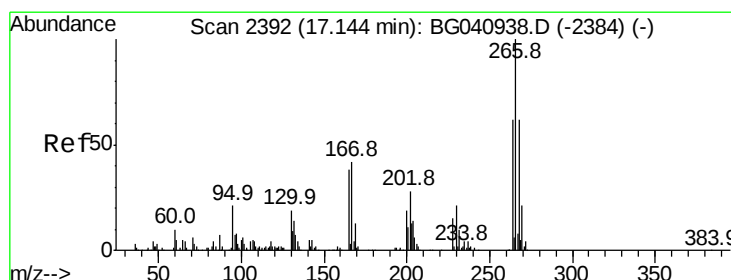
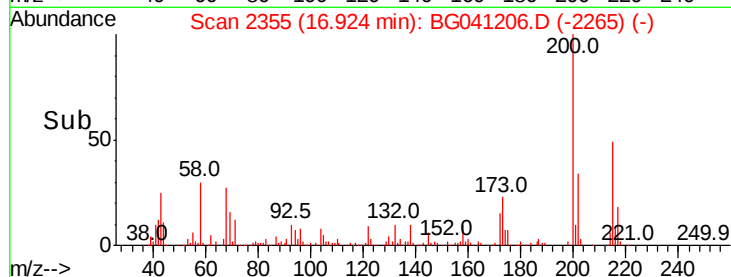
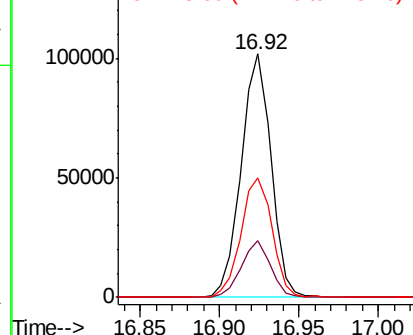
Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.5	3.6	43.6	
215	49.1	29.6	69.6	

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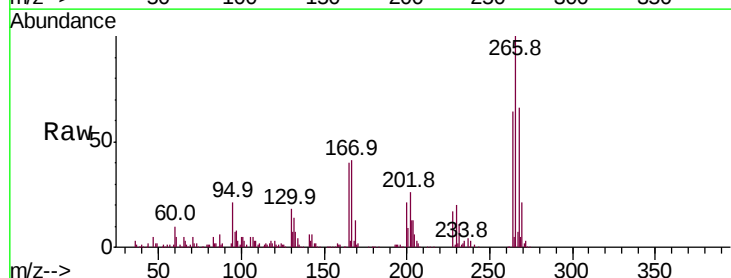


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

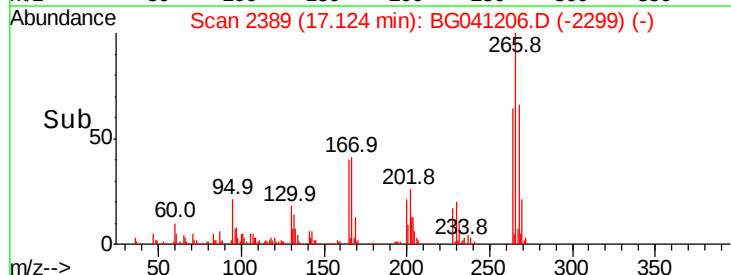
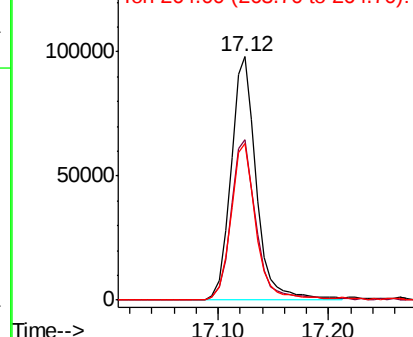


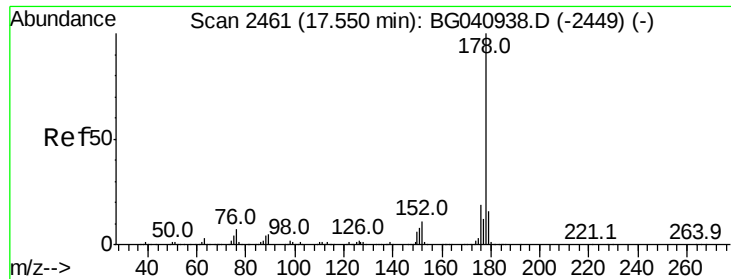
#70
Pentachlorophenol
Concen: 67.103 ng
RT: 17.12 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	65.7	53.1	79.7	
264	64.2	49.9	74.9	



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





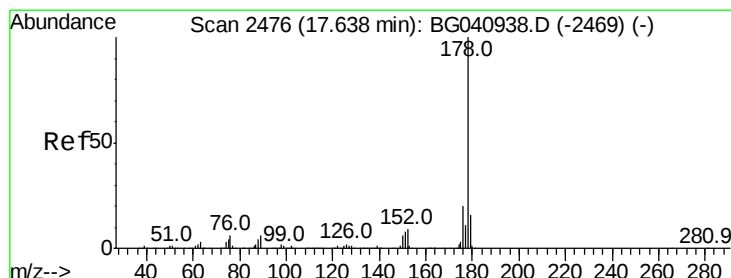
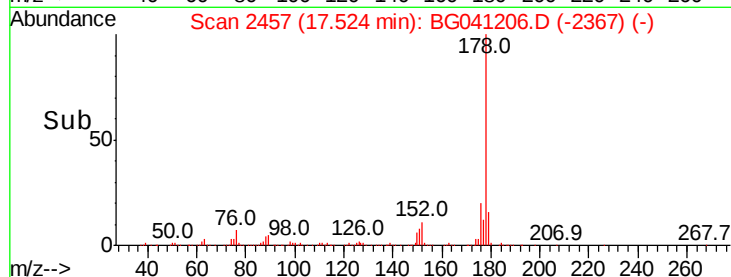
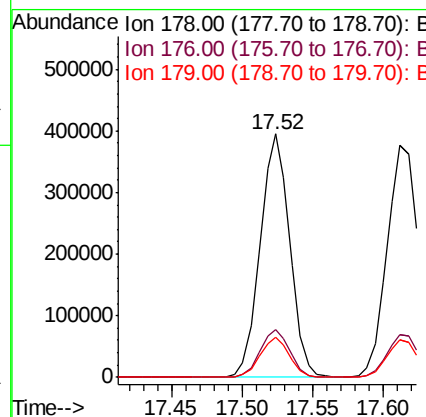
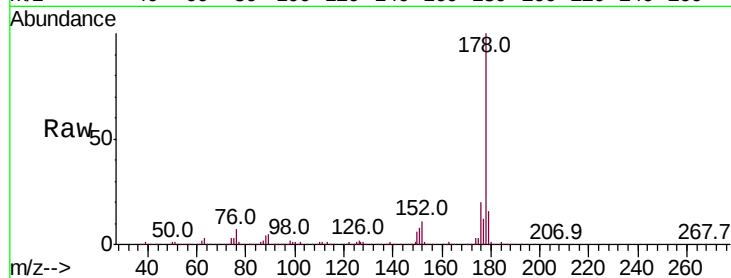
#71
Phenanthrene
Concen: 36.129 ng
RT: 17.52 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Instrument :
BNA_G
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	16.3	12.7	19.1

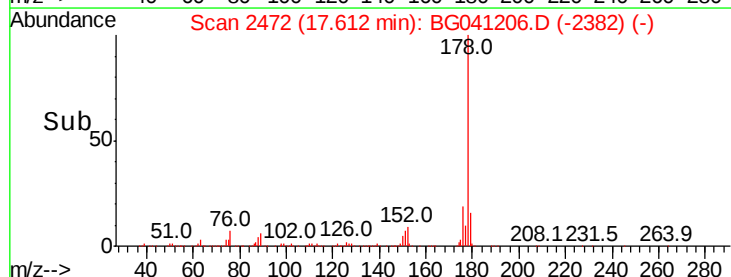
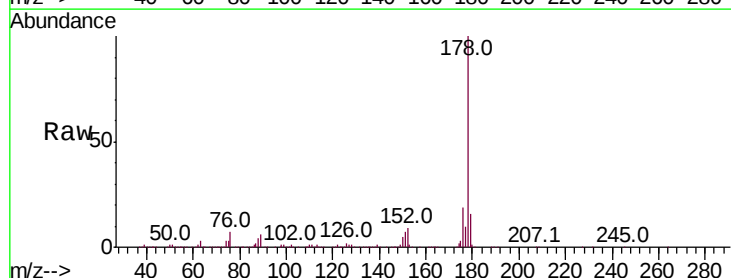
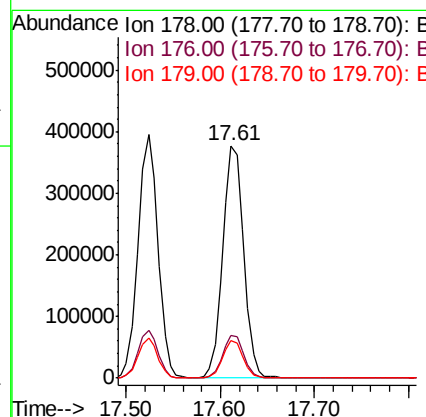
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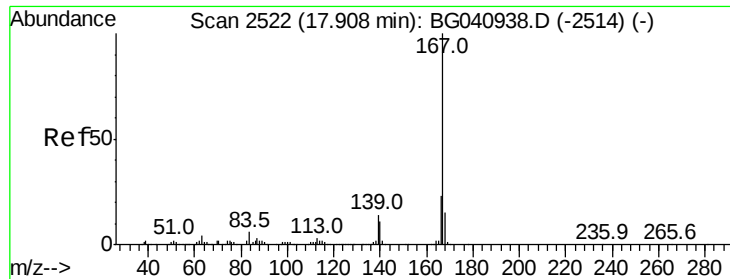
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#72
Anthracene
Concen: 37.098 ng
RT: 17.61 min Scan# 2472
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.6	23.4
179	16.3	13.0	19.4





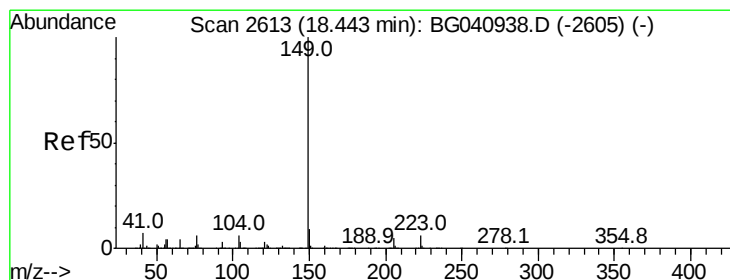
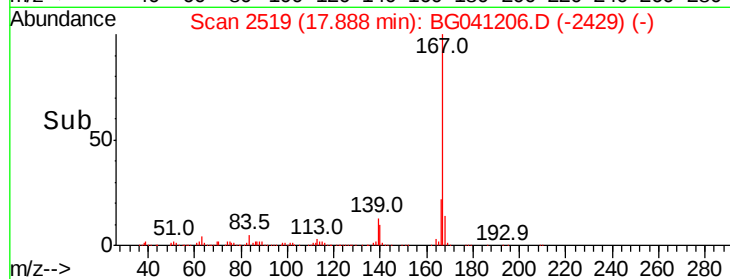
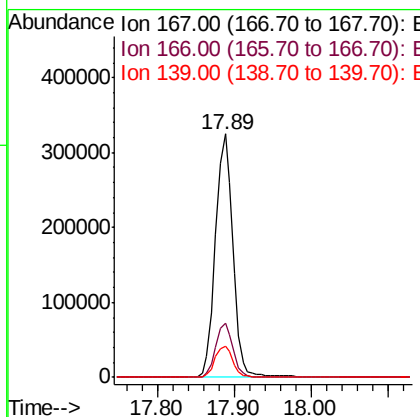
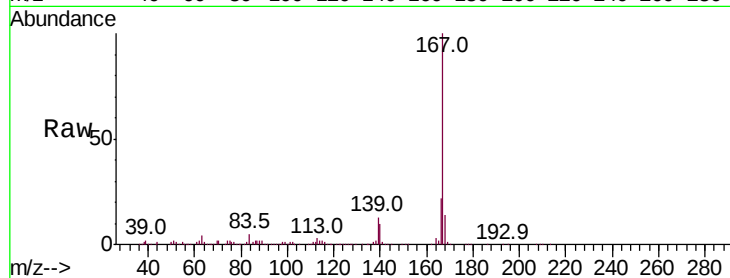
#73
 Carbazole
 Concen: 37.335 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

Instrument :
 BNA_G
 ClientSampleId :
 200030-200034MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.4
139	12.9	10.8	16.2

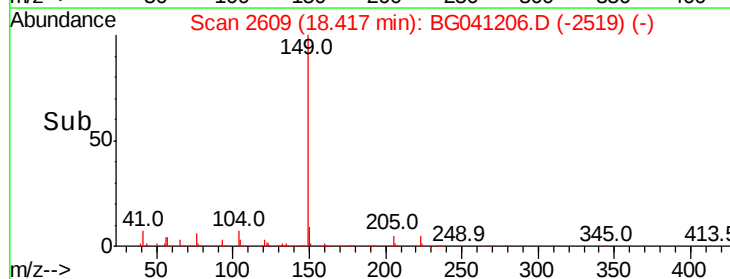
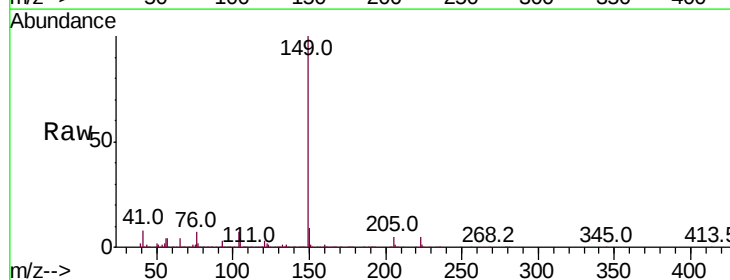
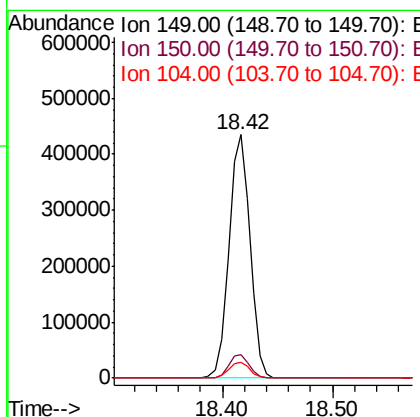
Manual Integrations
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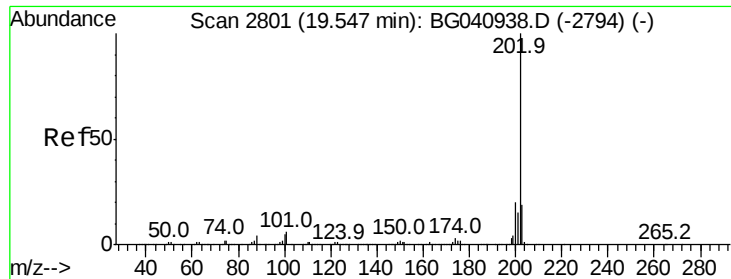
mohammad
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#74
 Di-n-butylphthalate
 Concen: 34.320 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG041206.D
 Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	6.5	5.0	7.4





#75

Fluoranthene

Concen: 39.458 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

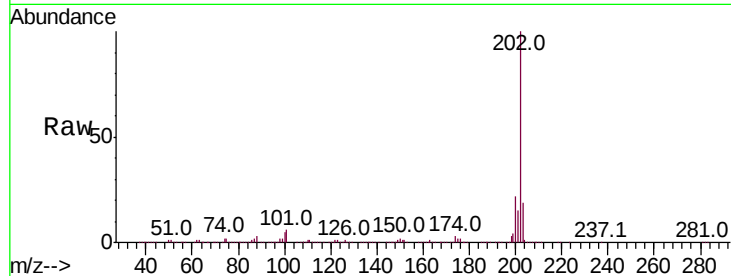
ClientSampleId :

200030-200034MS

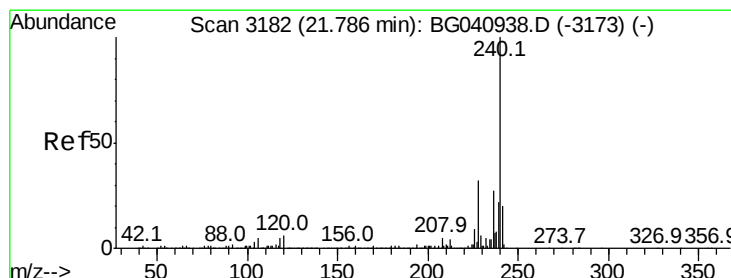
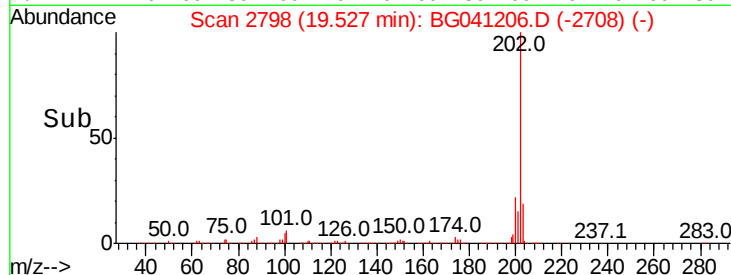
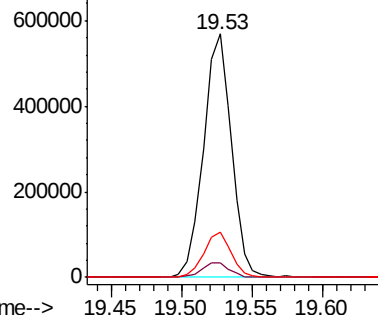
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	5.8	0.0	26.2
203	18.6	0.0	38.7

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3178

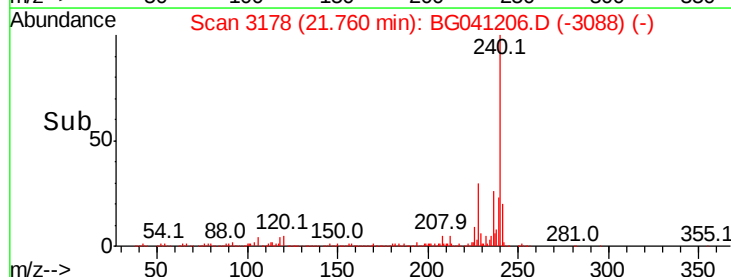
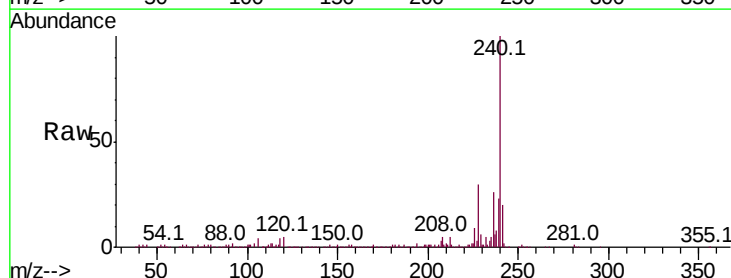
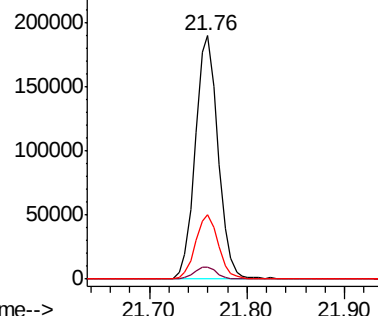
Delta R.T. 0.00 min

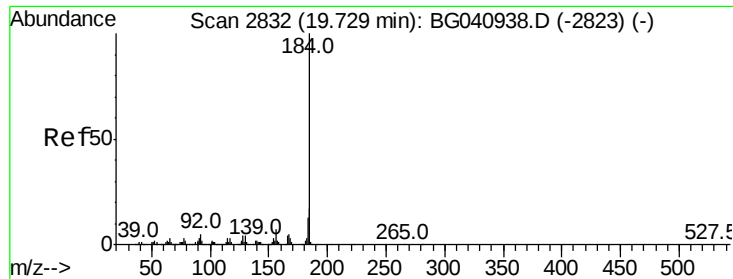
Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	5.0	4.5	6.7
236	26.2	21.3	31.9

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.903 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

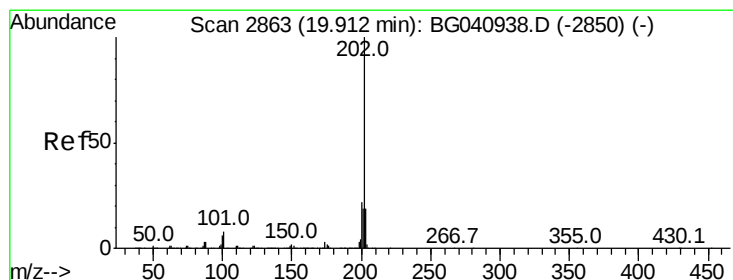
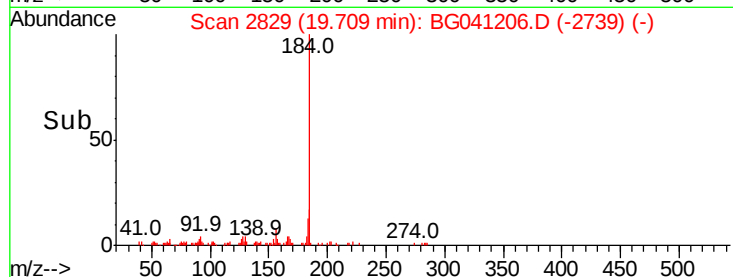
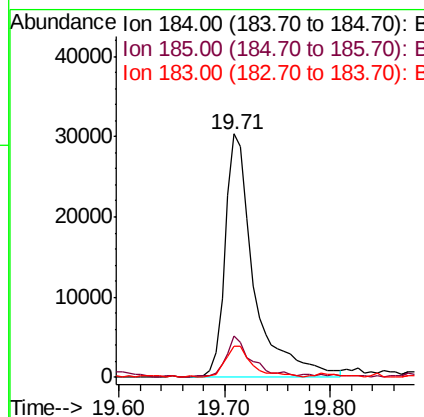
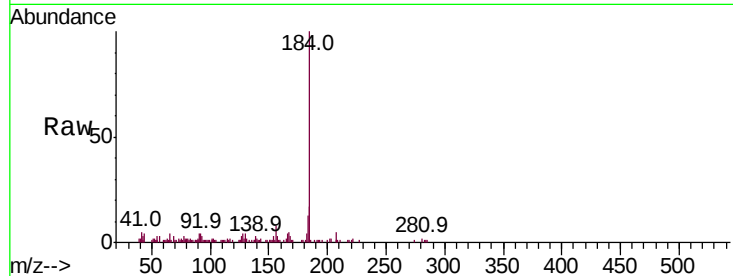
ClientSampleId :

200030-200034MS

Tot Ion:	184	Resp:	57954
Ion Ratio	Lower	Upper	
184	100		
185	16.8	13.3	19.9
183	12.7	10.7	16.1

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#78

Pyrene

Concen: 38.946 ng

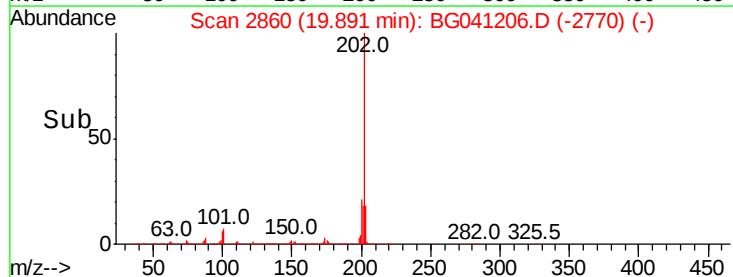
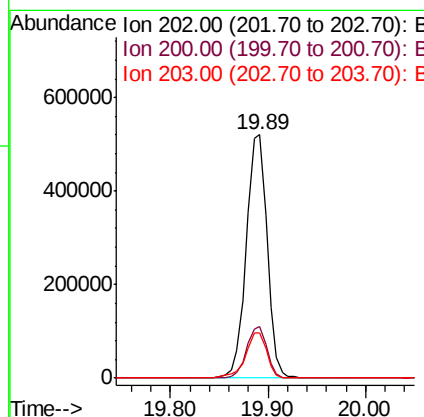
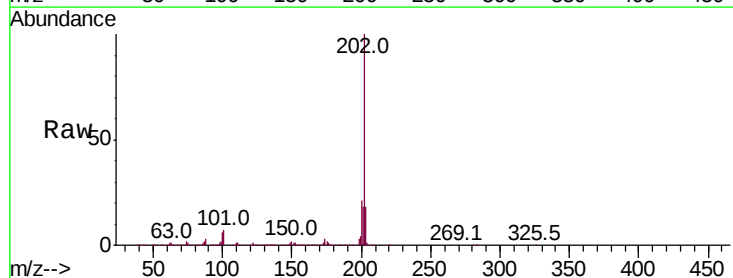
RT: 19.89 min Scan# 2860

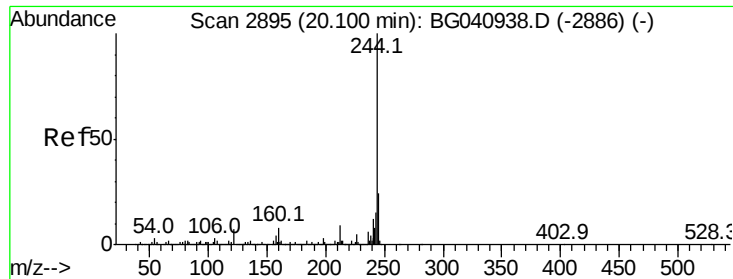
Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Tgt Ion:	202	Resp:	778251
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.5	26.3
203	18.3	15.6	23.4





#79

Terphenyl-d14

Concen: 80.723 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

ClientSampleId :

200030-200034MS

Tot Ion:244 Resp: 1169178

Ion Ratio Lower Upper

244 100

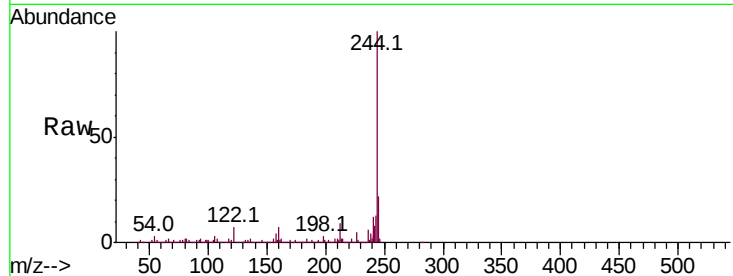
212 8.9 7.0 10.4

122 6.6 5.4 8.0

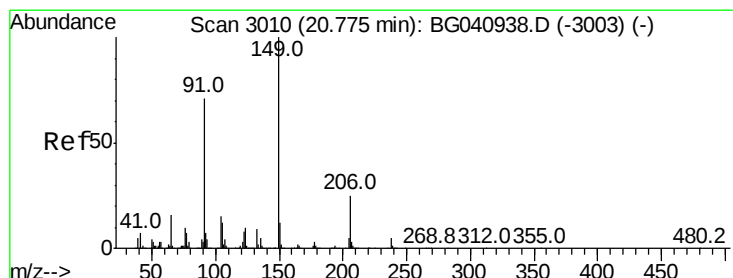
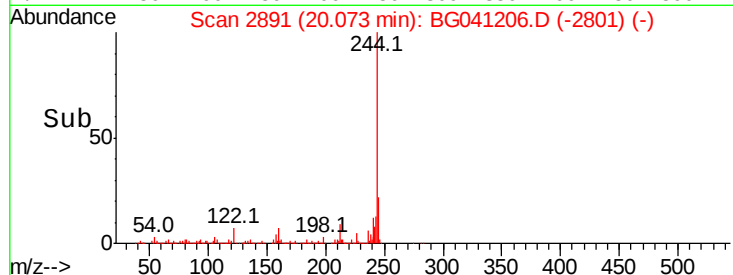
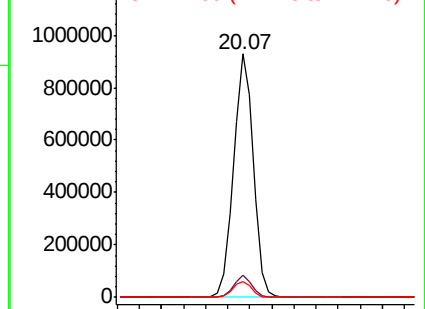
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.041 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

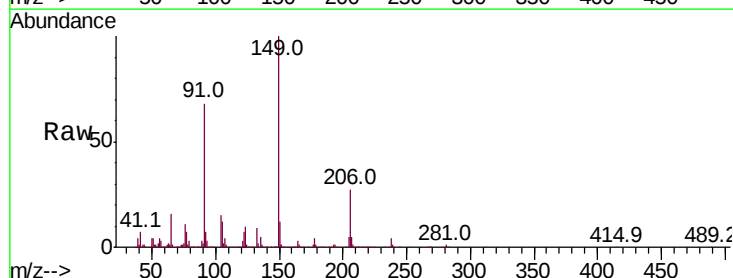
Tgt Ion:149 Resp: 272496

Ion Ratio Lower Upper

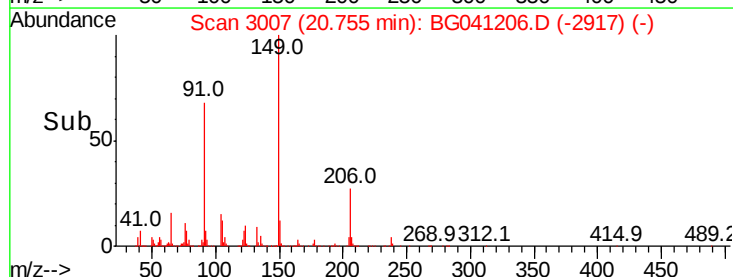
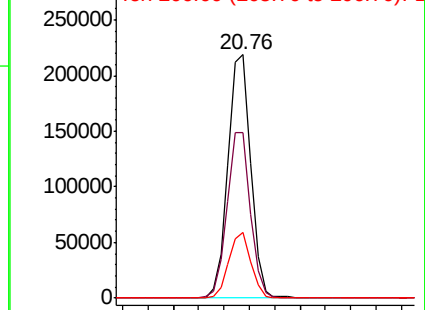
149 100

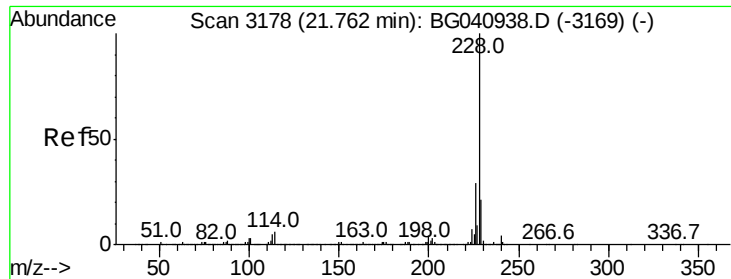
91 67.8 56.5 84.7

206 26.8 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





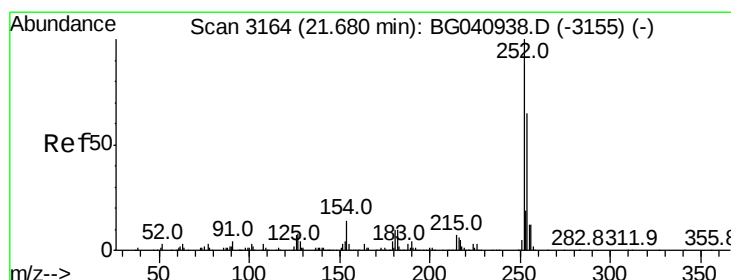
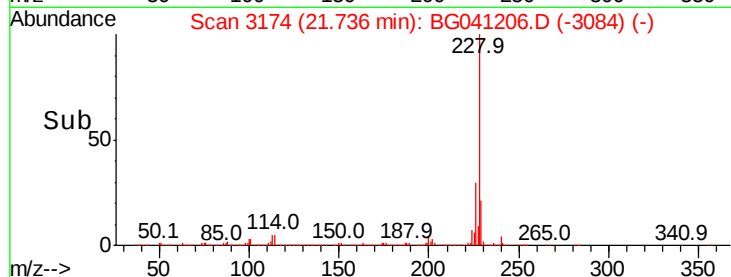
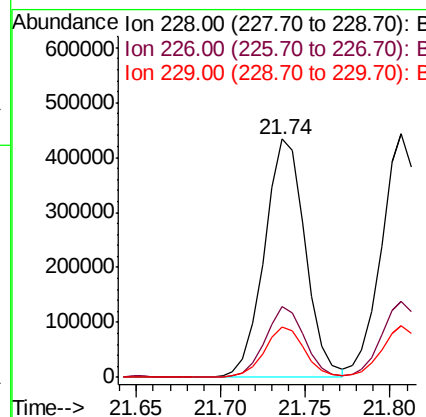
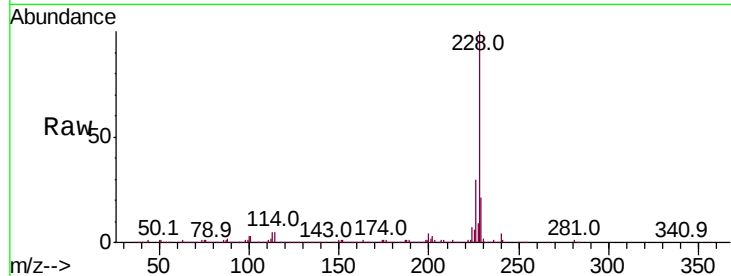
#81
Benzo(a)anthracene
Concen: 35.449 ng
RT: 21.74 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Instrument :
BNA_G
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.5	35.3
229	21.0	16.7	25.1

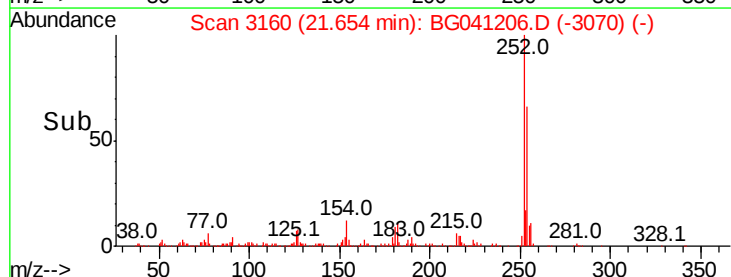
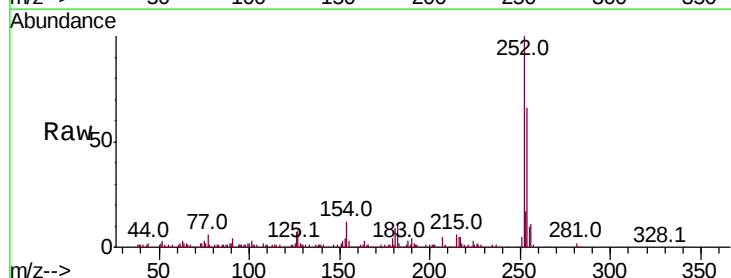
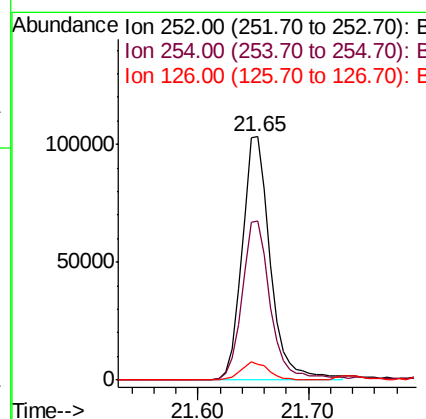
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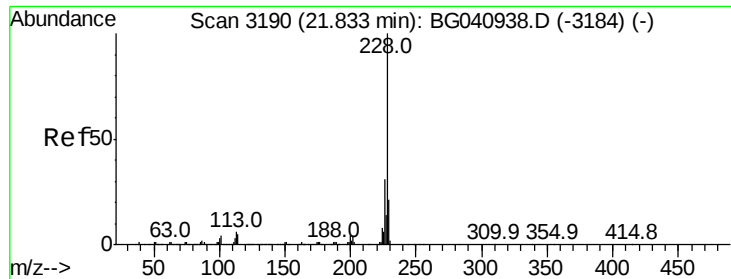
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#82
3,3'-Dichlorobenzidine
Concen: 25.821 ng
RT: 21.65 min Scan# 3160
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.1	78.1
126	6.7	5.5	8.3





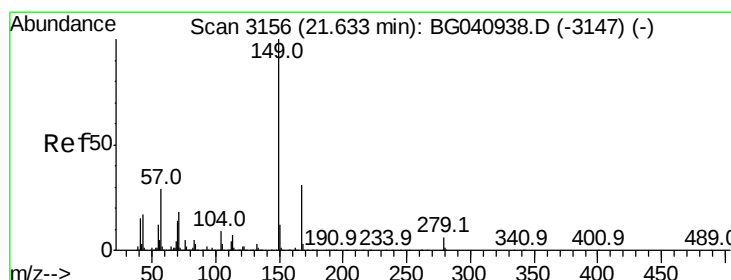
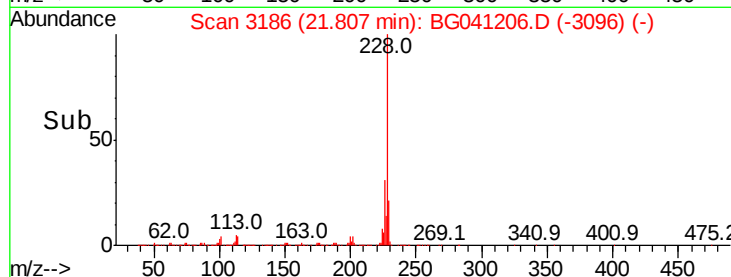
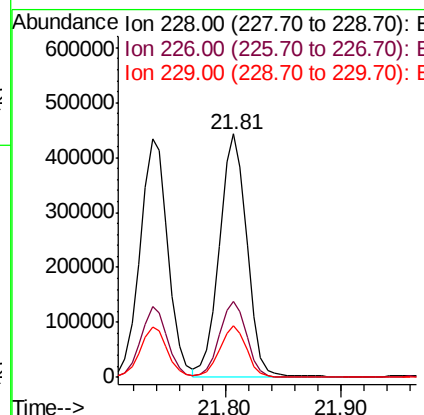
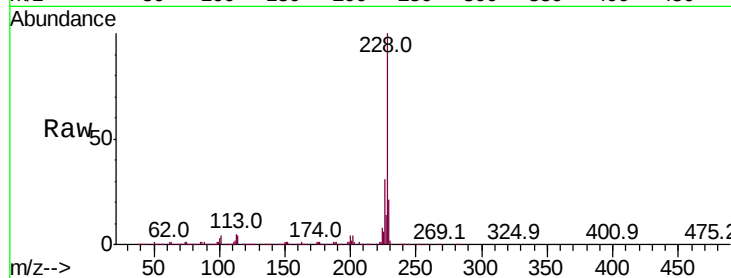
#83
Chrysene
Concen: 37.024 ng
RT: 21.81 min Scan# 3186
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Instrument :
BNA_G
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.6	37.0
229	21.2	16.6	24.8

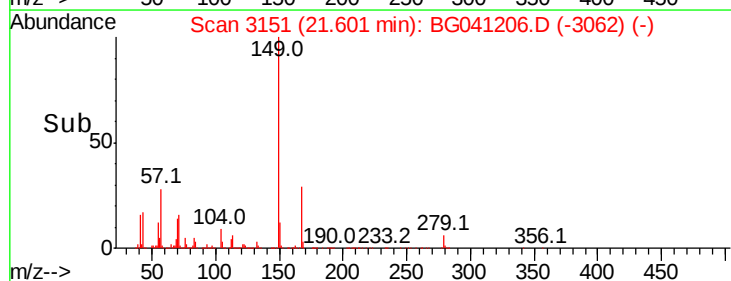
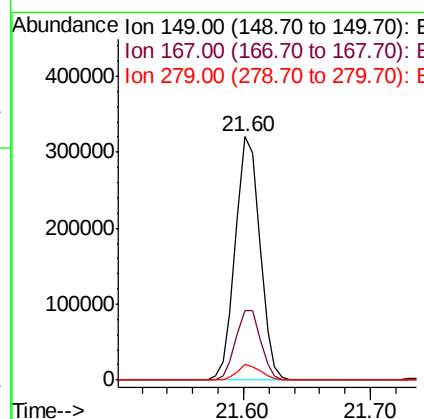
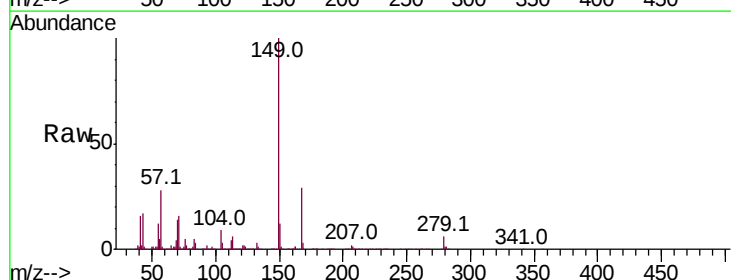
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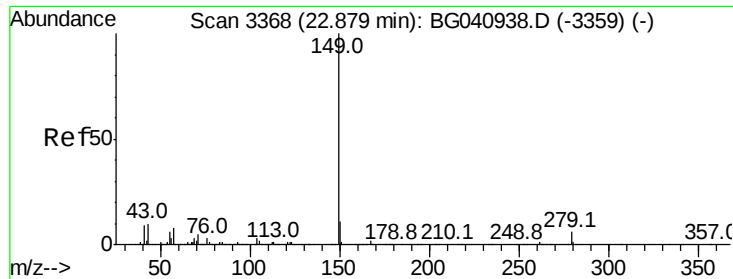
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.195 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	24.6	37.0
279	6.2	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 36.134 ng

RT: 22.84 min Scan# 3362

Delta R.T. -0.01 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

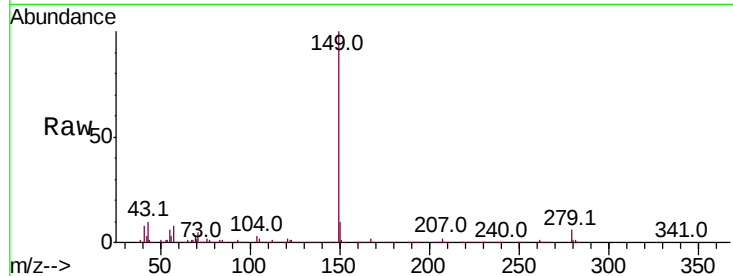
ClientSampleId :

200030-200034MS

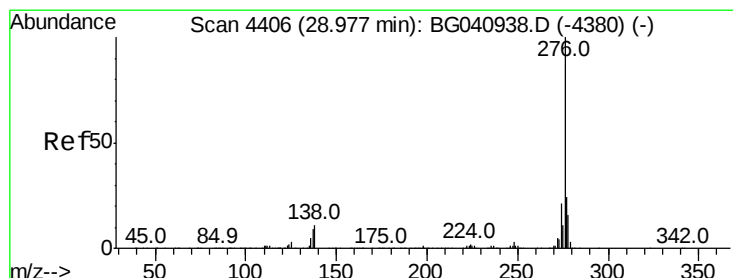
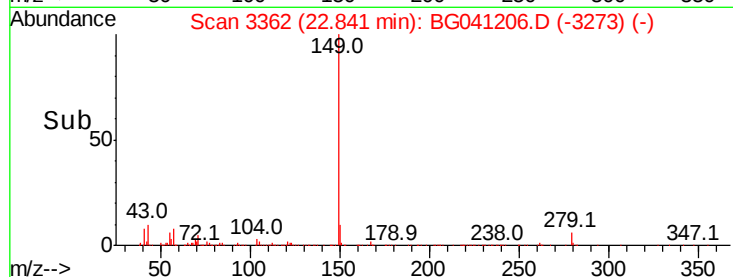
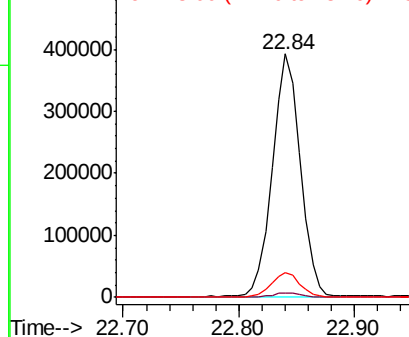
Tot Ion:	149	Resp:	658780
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	10.0	8.1	12.1

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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: 28.314 ng

RT: 28.90 min Scan# 4394

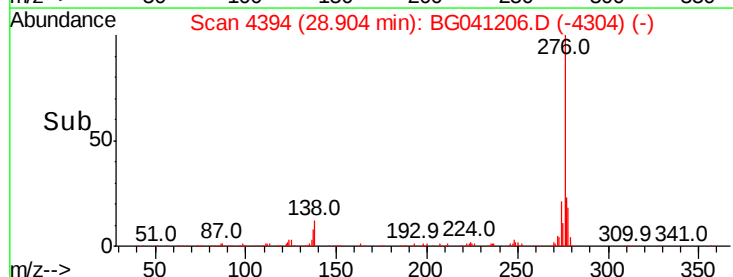
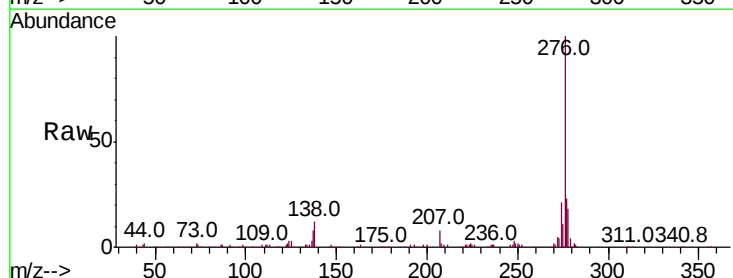
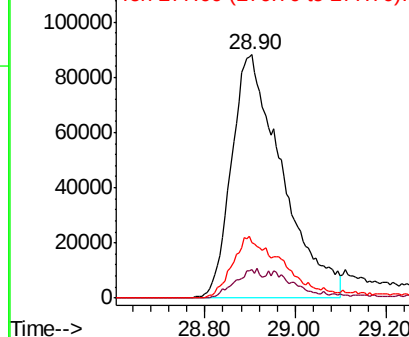
Delta R.T. 0.00 min

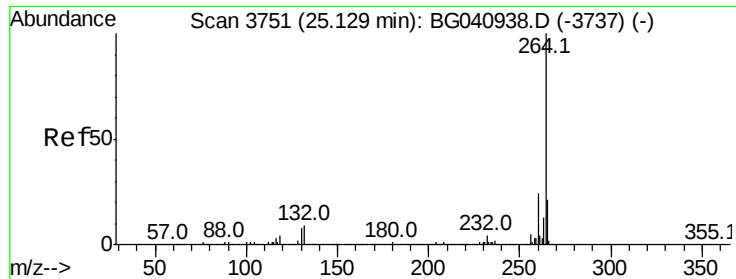
Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Tgt Ion:	276	Resp:	679155
Ion Ratio	Lower	Upper	
276	100		
138	6.2	5.7	8.5
277	24.8	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





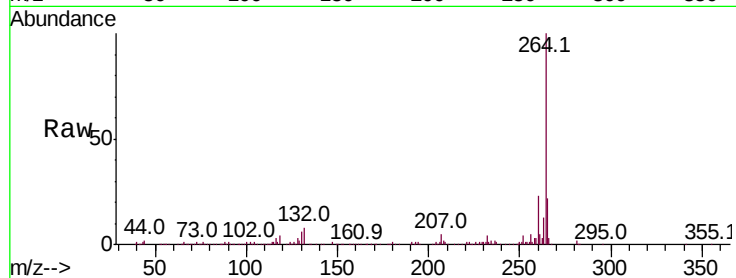
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3744
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Instrument :
BNA_G
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.4
265	22.3	17.0	25.4

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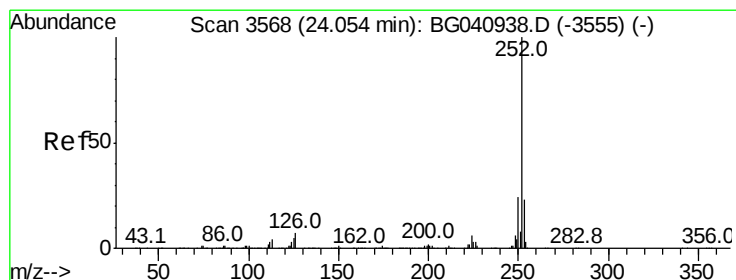
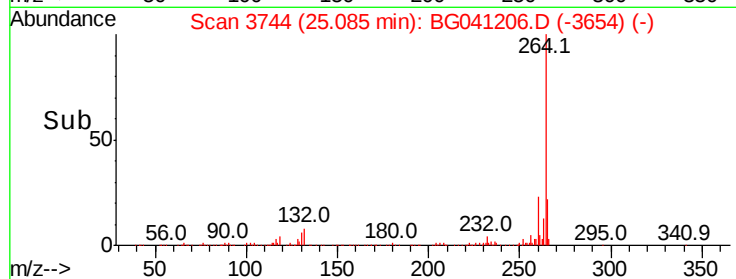
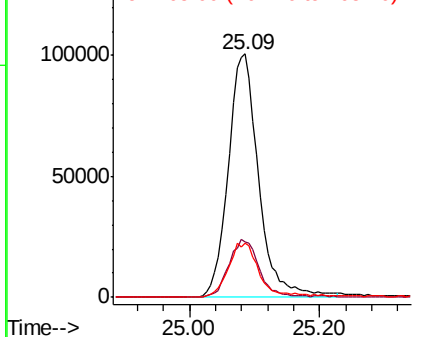


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 36.751 ng
RT: 24.02 min Scan# 3562
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

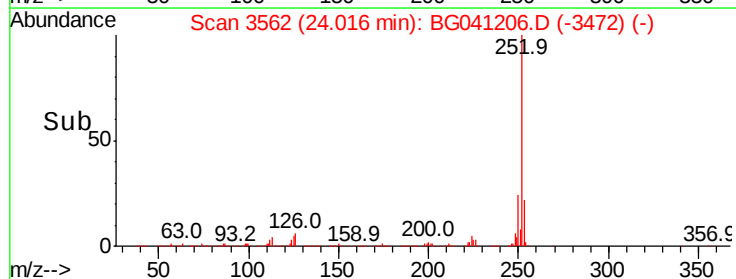
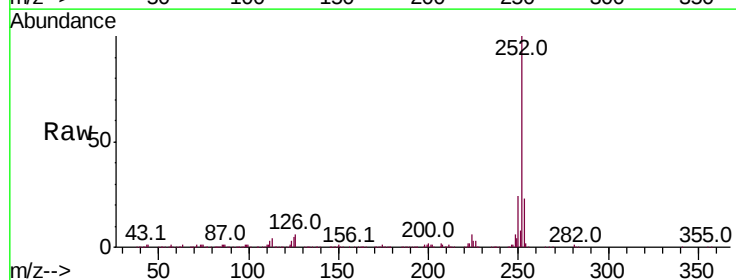
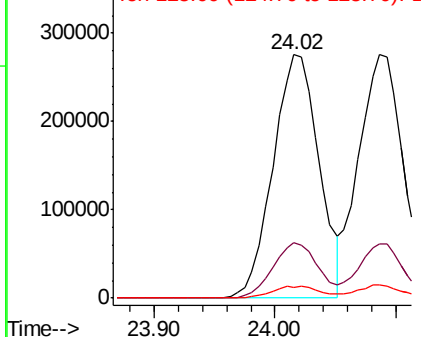
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	4.6	4.3	6.5

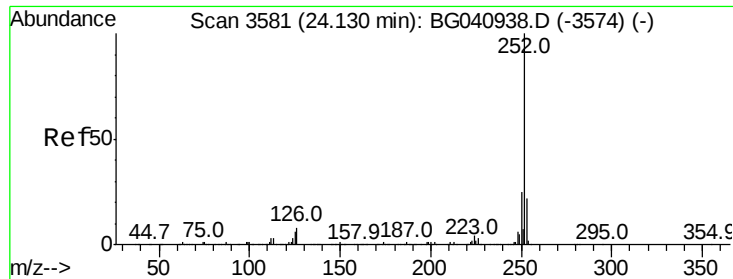
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 37.493 ng

RT: 24.09 min Scan# 3574

Delta R.T. -0.01 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Instrument :

BNA_G

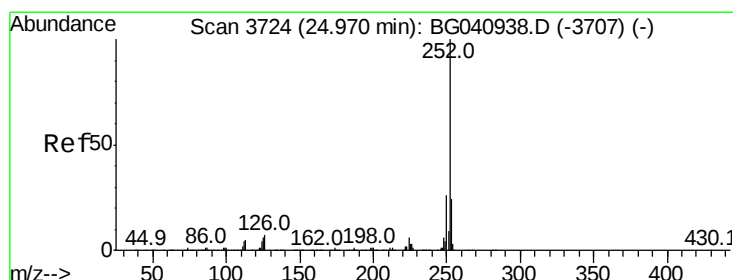
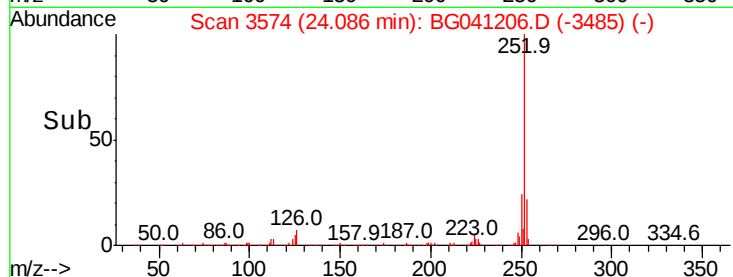
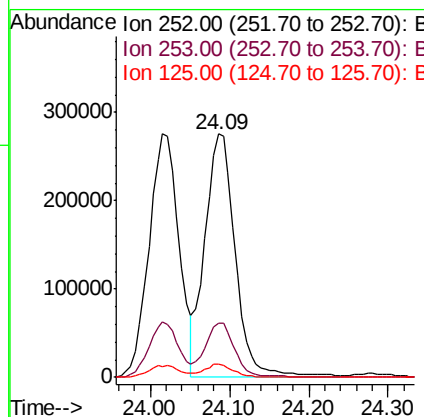
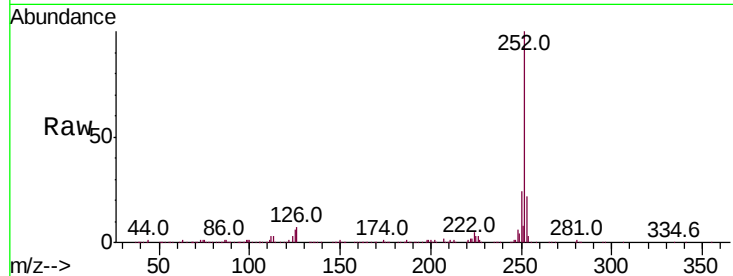
ClientSampleId :

200030-200034MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	5.5	4.7	7.1

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#90

Benzo(a)pyrene

Concen: 37.050 ng

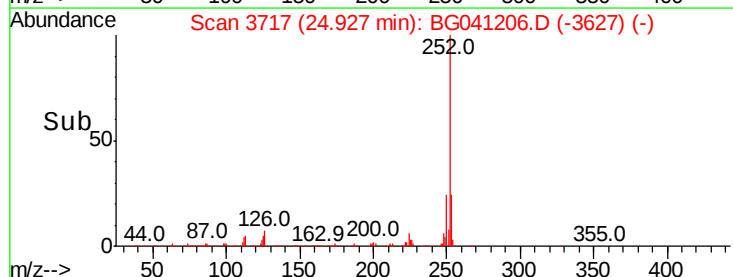
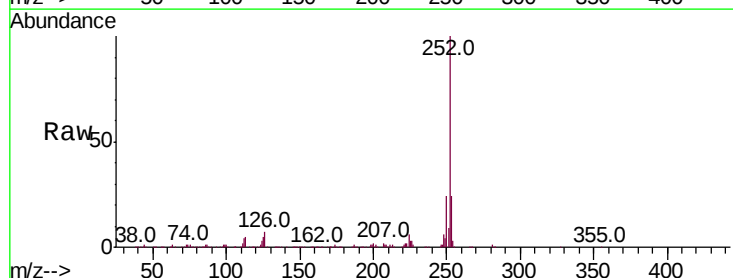
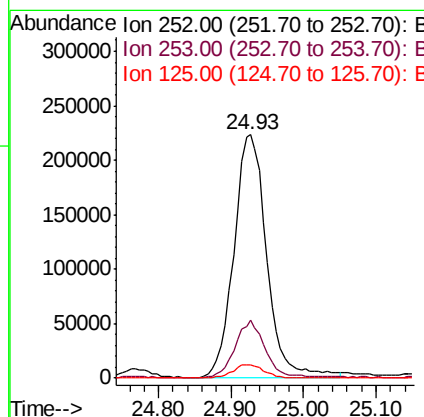
RT: 24.93 min Scan# 3717

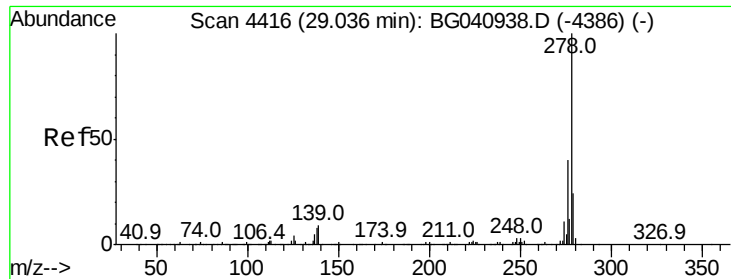
Delta R.T. 0.00 min

Lab File: BG041206.D

Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.5	29.3
125	5.3	5.1	7.7





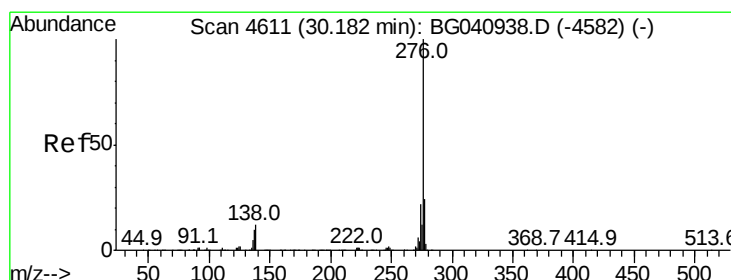
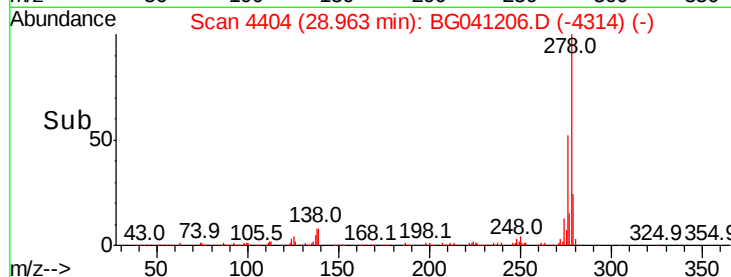
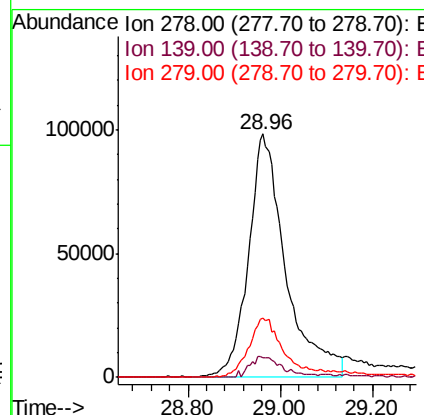
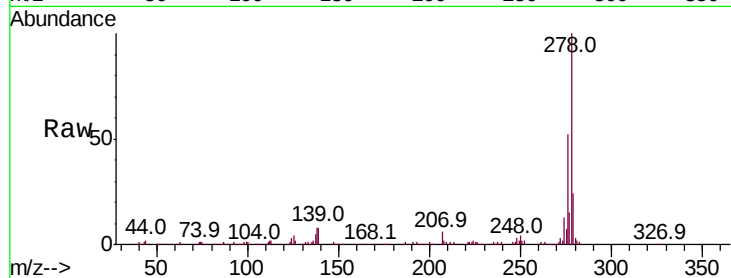
#91
Dibenzo(a,h)anthracene
Concen: 29.214 ng
RT: 28.96 min Scan# 4404
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Instrument :
BNA_G
ClientSampleId :
200030-200034MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.0	7.1	10.7
279	24.4	19.4	29.2

Manual Integrations
APPROVED

mohammad
6/14/2019 8:36:37 AM



#92
Benzo(g,h,i)perylene
Concen: 27.193 ng
RT: 30.11 min Scan# 4600
Delta R.T. 0.00 min
Lab File: BG041206.D
Acq: 12 Jun 2019 15:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.0
138	10.1	9.7	14.5

