

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061019\
 Data File : BG041159.D
 Acq On : 10 Jun 2019 11:02
 Operator : HP/JU
 Sample : PB120413BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BSD

Manual Integrations
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mohammad
 6/14/2019 8:39:48 AM

Quant Time: Jun 11 04:03:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	38285	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	161335	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	123653	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	314872	20.00	ng	0.00
76) Chrysene-d12	21.76	240	319512	20.00	ng	0.00
87) Perylene-d12	25.08	264	342219	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	332349	156.54	ng	0.00
7) Phenol-d6	7.26	99	496127	151.30	ng	0.00
23) Nitrobenzene-d5	9.28	82	338810	93.23	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	274787	149.69	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	811261	94.48	ng	0.00
79) Terphenyl-d14	20.08	244	1463765	97.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	34259	35.559	ng	96
3) Pyridine	3.91	79	98989	34.723	ng	93
4) n-Nitrosodimethylamine	3.83	42	56818	42.943	ng	# 89
6) Aniline	7.43	93	70122	16.021	ng	97
8) 2-Chlorophenol	7.67	128	120789	47.720	ng	95
9) Benzaldehyde	7.24	77	39581	20.235	ng	85
10) Phenol	7.28	94	162455	46.208	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	102786	40.300	ng	96
12) 1,3-Dichlorobenzene	7.99	146	123601	40.885	ng	95
13) 1,4-Dichlorobenzene	8.14	146	125582	41.038	ng	98
14) 1,2-Dichlorobenzene	8.46	146	123213	41.469	ng	99
15) Benzyl Alcohol	8.34	79	134237	44.256	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.62	45	162082	38.890	ng	98
17) 2-Methylphenol	8.54	107	114979	45.169	ng	98
18) Hexachloroethane	9.18	117	47886	40.601	ng	93
19) n-Nitroso-di-n-propylamine	8.91	70	102169	40.489	ng	98
20) 3+4-Methylphenols	8.87	107	159982	45.371	ng	97
22) Acetophenone	8.94	105	198969	43.964	ng	97
24) Nitrobenzene	9.33	77	164743	44.482	ng	98
25) Isophorone	9.84	82	296683	42.897	ng	98
26) 2-Nitrophenol	10.03	139	72013	47.166	ng	93
27) 2,4-Dimethylphenol	10.08	122	128764	51.065	ng	91
28) bis(2-Chloroethoxy)methane	10.32	93	158269	42.399	ng	98
29) 2,4-Dichlorophenol	10.57	162	147782	46.151	ng	95
30) 1,2,4-Trichlorobenzene	10.78	180	159537	43.797	ng	95
31) Naphthalene	10.98	128	389301	44.942	ng	99
32) Benzoic acid	10.23	122	84730m	44.025	ng	
33) 4-Chloroaniline	11.09	127	42294	10.523	ng	100
34) Hexachlorobutadiene	11.24	225	114058	40.922	ng	97
35) Caprolactam	11.87	113	46738m	44.200	ng	
36) 4-Chloro-3-methylphenol	12.20	107	169801	46.432	ng	98
37) 2-Methylnaphthalene	12.57	142	298358	44.721	ng	99
38) 1-Methylnaphthalene	12.80	142	288403	45.875	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	223557	44.856	ng	99

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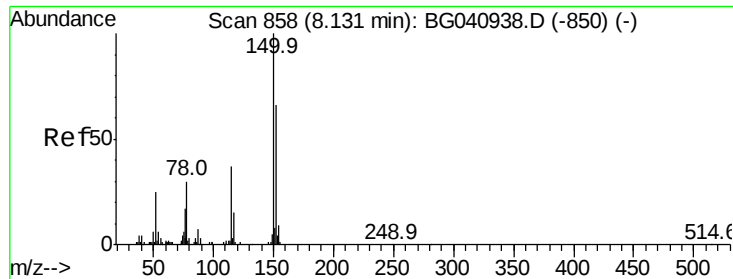
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	251333	92.392	nq	95
43) 2,4,6-Trichlorophenol	13.17	196	145072	44.996	nq	95
44) 2,4,5-Trichlorophenol	13.25	196	154943	45.568	nq	98
46) 1,1'-Biphenyl	13.57	154	415710	45.418	nq	99
47) 2-Chloronaphthalene	13.62	162	342639	43.605	nq	99
48) 2-Nitroaniline	13.83	65	120691	42.814	nq	98
49) Acenaphthylene	14.47	152	534926	45.232	nq	99
50) Dimethylphthalate	14.19	163	446644	42.671	nq	99
51) 2,6-Dinitrotoluene	14.32	165	102081	45.232	nq	98
52) Acenaphthene	14.80	154	310912	43.397	nq	96
53) 3-Nitroaniline	14.65	138	50846	22.531	nq	94
54) 2,4-Dinitrophenol	14.86	184	103442	85.427	nq	93
55) Dibenzofuran	15.13	168	553135	45.884	nq	98
56) 4-Nitrophenol	14.95	139	152009	98.201	nq	93
57) 2,4-Dinitrotoluene	15.10	165	150020	47.058	nq	98
58) Fluorene	15.78	166	430288	44.819	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	158262	47.361	nq	99
60) Diethylphthalate	15.53	149	459803	43.044	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	273791	43.876	nq	97
62) 4-Nitroaniline	15.82	138	101509	42.487	nq	97
63) Azobenzene	16.06	77	429595	44.248	nq	97
65) 4,6-Dinitro-2-methylphenol	15.86	198	81891	48.439	nq	92
66) n-Nitrosodiphenylamine	15.99	169	397467	44.904	nq	100
67) 4-Bromophenyl-phenylether	16.66	248	175403	41.278	nq	98
68) Hexachlorobenzene	16.77	284	186891	41.303	nq	97
69) Atrazine	16.93	200	169283	49.565	nq	97
70) Pentachlorophenol	17.13	266	203308	83.668	nq	97
71) Phenanthrene	17.53	178	748540	45.639	nq	99
72) Anthracene	17.61	178	767156	47.426	nq	99
73) Carbazole	17.89	167	667076	48.061	nq	99
74) Di-n-butylphthalate	18.42	149	780685	45.255	nq	100
75) Fluoranthene	19.53	202	983742	48.560	nq	100
77) Benzidine	19.71	184	147461	19.347	nq	96
78) Pyrene	19.89	202	982264	47.292	nq	99
80) Butylbenzylphthalate	20.75	149	368326	45.568	nq	98
81) Benzo(a)anthracene	21.74	228	961114	45.189	nq	100
82) 3,3'-Dichlorobenzidine	21.65	252	153491	20.518	nq	98
83) Chrysene	21.81	228	933997	45.889	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	517668	45.495	nq	99
85) Di-n-octyl phthalate	22.84	149	862179	45.497	nq	100
86) Indeno(1,2,3-cd)pyrene	28.91	276	1103239	44.249	nq	# 98
88) Benzo(b)fluoranthene	24.02	252	953397	45.932	nq	99
89) Benzo(k)fluoranthene	24.09	252	948769	46.191	nq	99
90) Benzo(a)pyrene	24.93	252	947559	47.848	nq	96
91) Dibenzo(a,h)anthracene	28.98	278	902100	45.589	nq	99
92) Benzo(g,h,i)perylene	30.11	276	881640	45.861	nq	99

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



#1

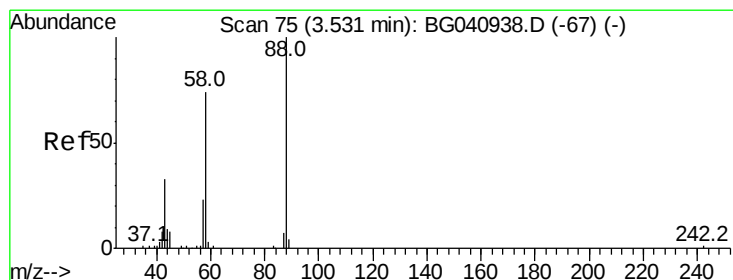
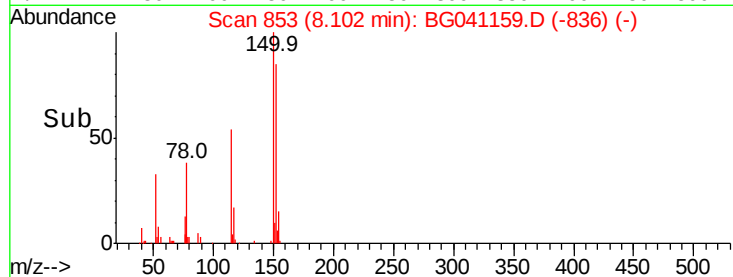
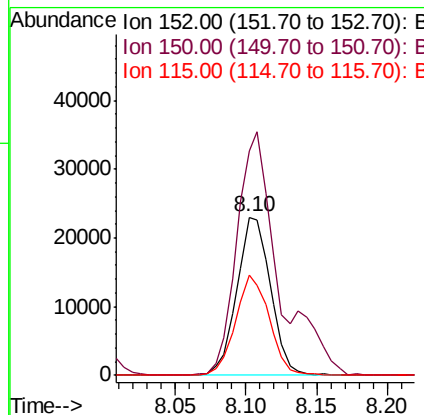
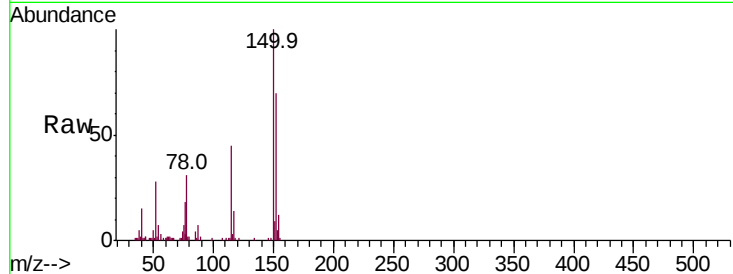
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Instrument :
BNA_G
ClientSampleId :
PB120413BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.2	120.6	180.8
115	63.4	45.1	67.7

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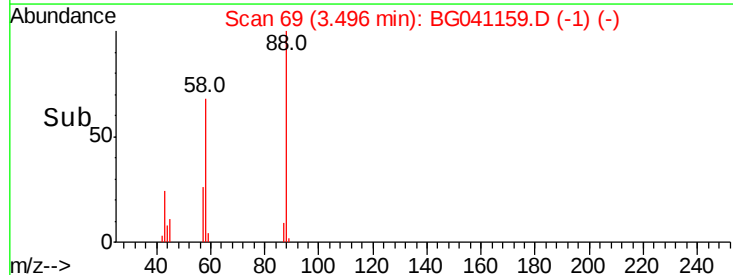
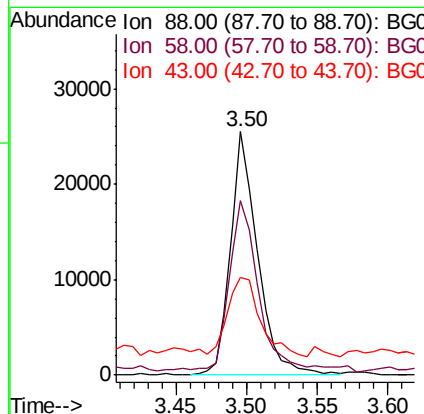
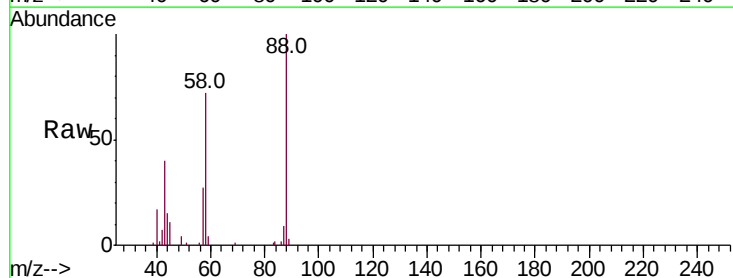
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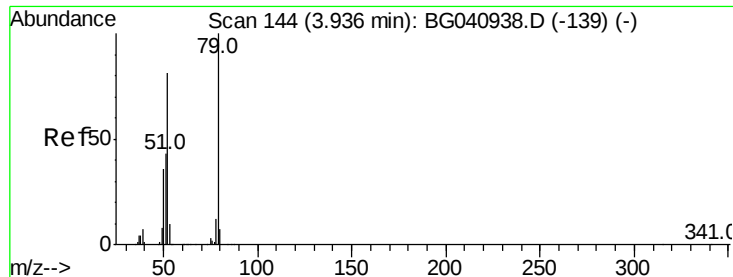


#2

1,4-Dioxane
Concen: 35.559 ng
RT: 3.50 min Scan# 69
Delta R.T. -0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.8	59.0	88.6
43	39.5	27.2	40.8





#3

Pvridine

Concen: 34.723 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

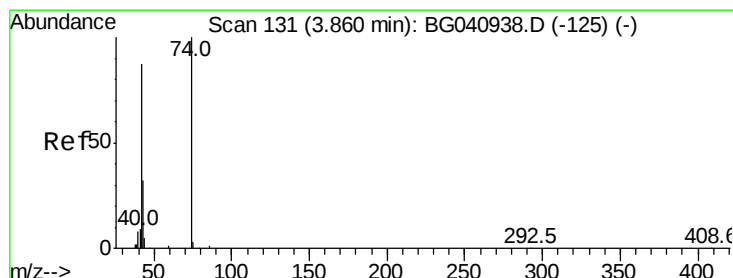
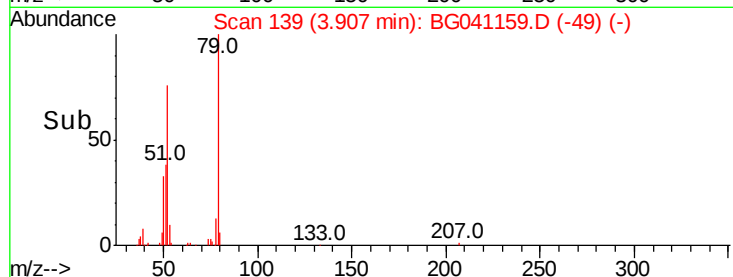
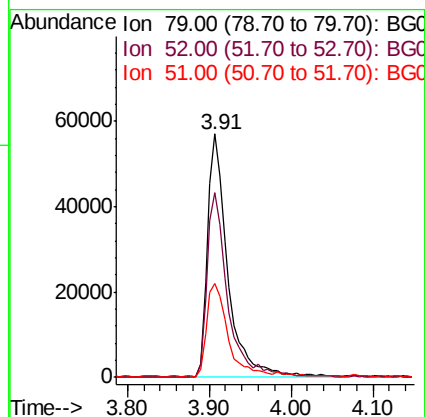
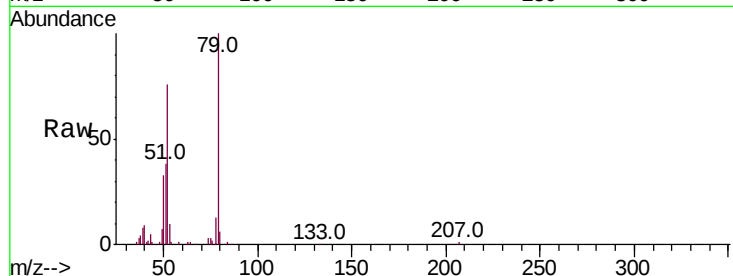
ClientSampleId :

PB120413BSD

Tot Ion:	79	Resp:	98989
Ion Ratio	Lower	Upper	
79	100		
52	75.8	64.8	97.2
51	38.4	35.3	52.9

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#4

n-Nitrosodimethylamine

Concen: 42.943 ng

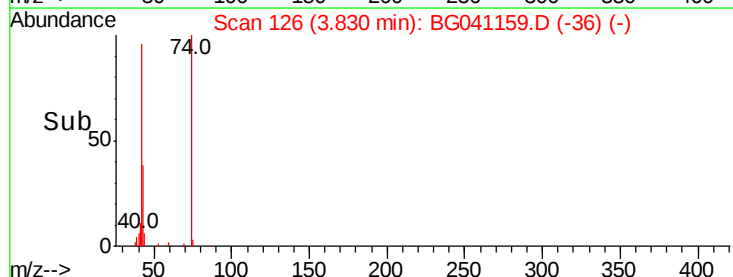
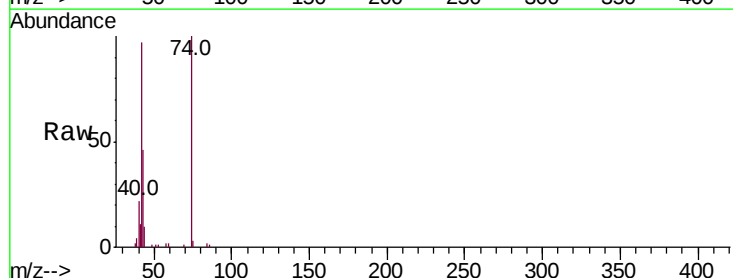
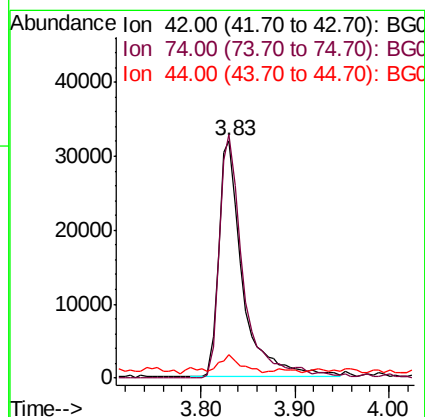
RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Tgt Ion:	42	Resp:	56818
Ion Ratio	Lower	Upper	
42	100		
74	102.6	91.8	137.6
44	9.8	6.0	9.0#





#5

2-Fluorophenol

Concen: 156.535 ng

RT: 5.64 min Scan# 434

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

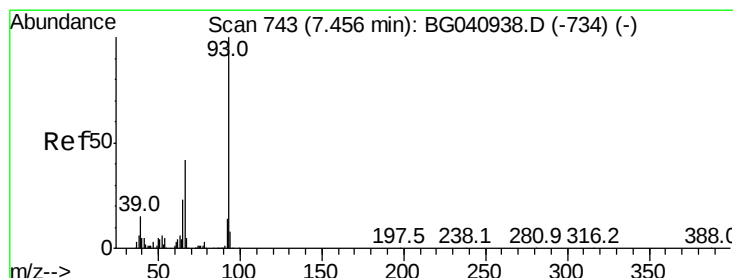
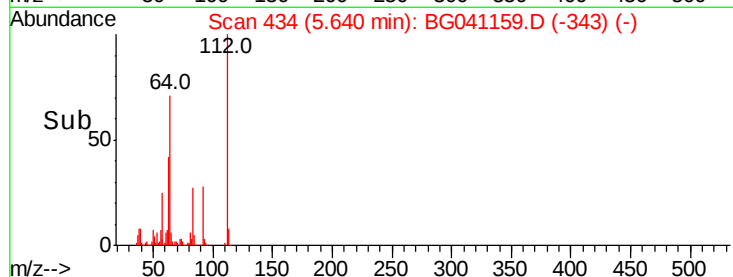
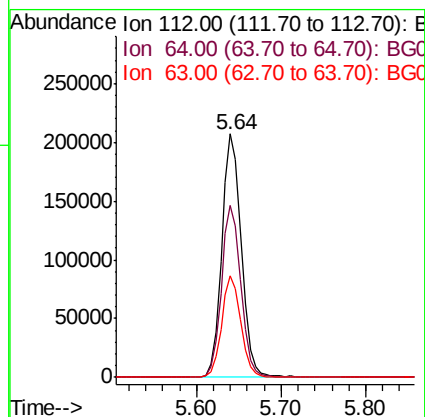
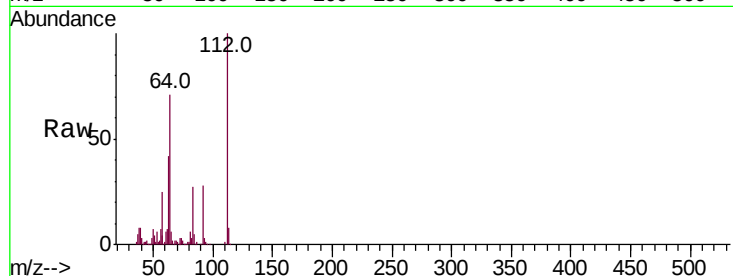
ClientSampled :

PB120413BSD

Tot Ion:	112	Resp:	332349
Ion Ratio	Lower	Upper	
112	100		
64	70.8	56.2	84.2
63	41.8	32.8	49.2

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#6

Aniline

Concen: 16.021 ng

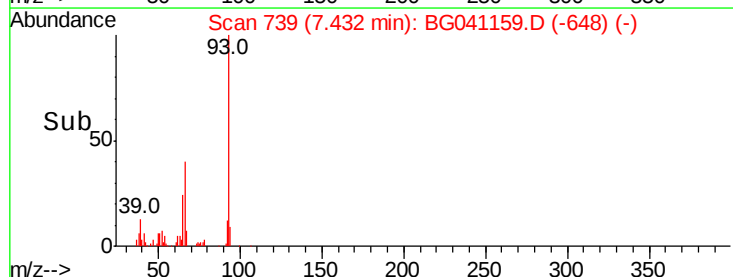
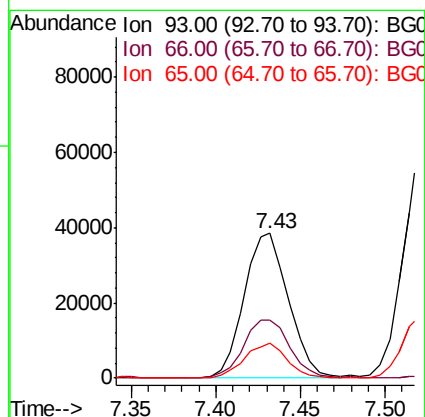
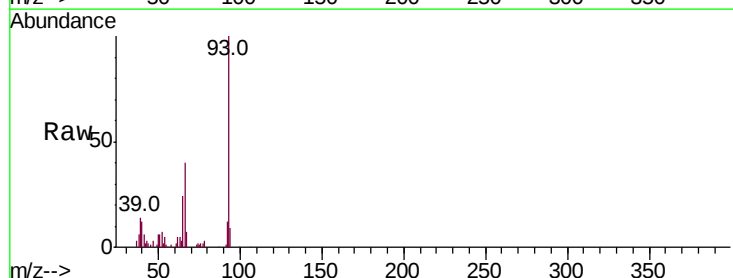
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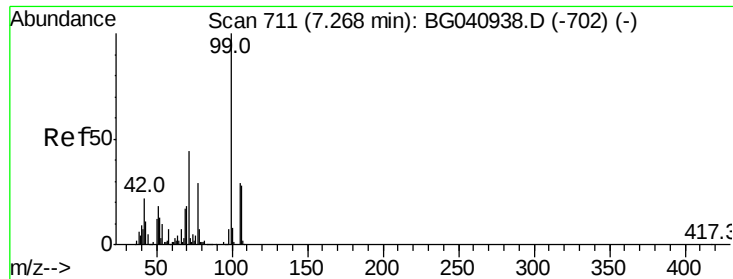
Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Tgt Ion:	93	Resp:	70122
Ion Ratio	Lower	Upper	
93	100		
66	40.3	33.8	50.8
65	24.3	18.3	27.5





#7

Phenol-d6

Concen: 151.305 ng

RT: 7.26 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

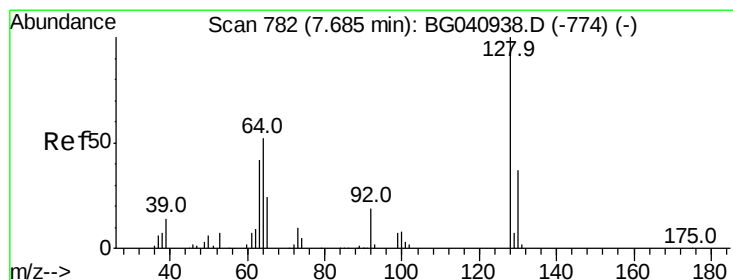
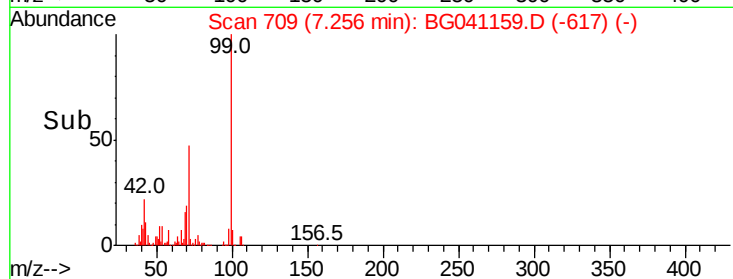
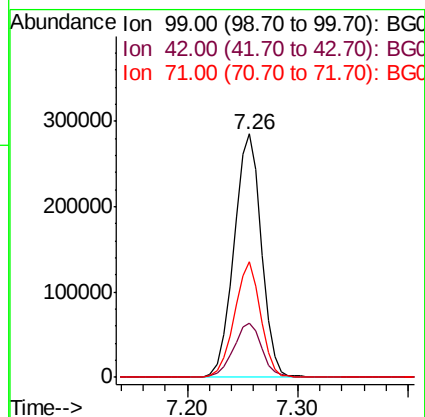
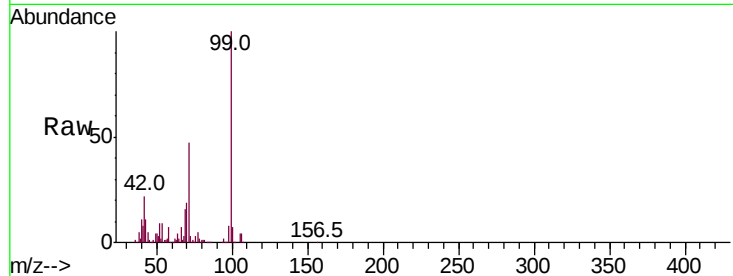
ClientSampleId :

PB120413BSD

Tot Ion	Ratio	Resp	Lower	Upper
99	100	496127		
42	22.1	17.9	26.9	
71	47.5	35.4	53.0	

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#8

2-Chlorophenol

Concen: 47.720 ng

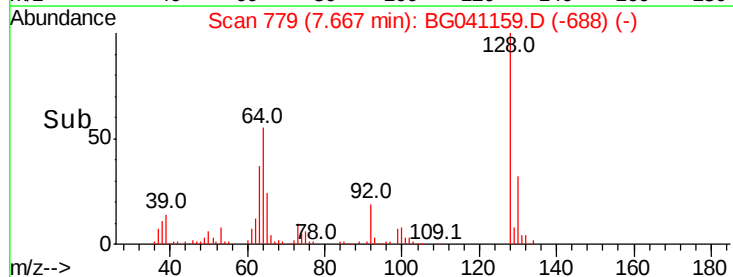
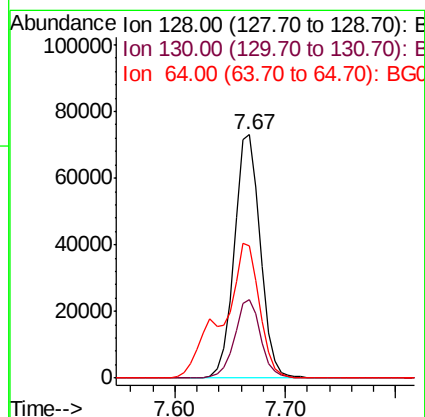
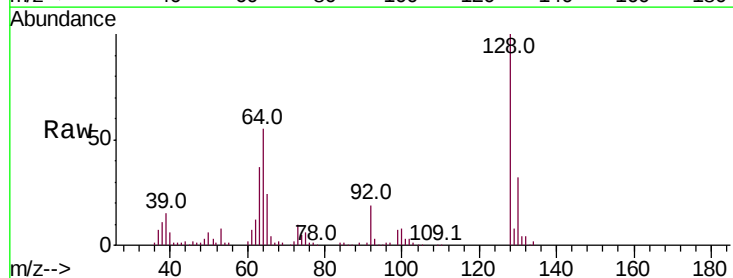
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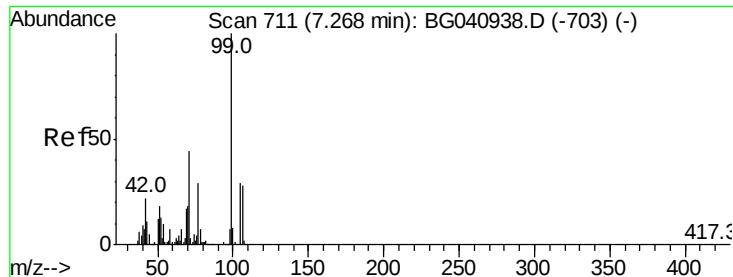
Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	120789		
130	32.5	16.6	56.6	
64	54.6	37.8	77.8	





#9

Benzaldehyde

Concen: 20.235 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

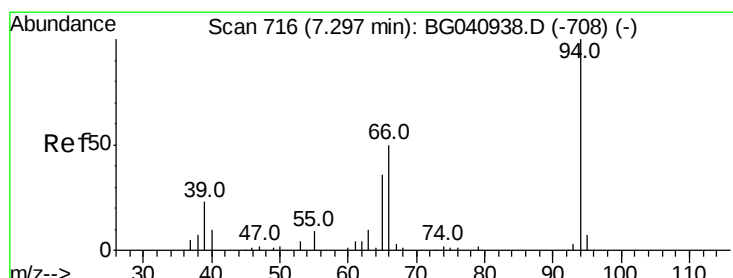
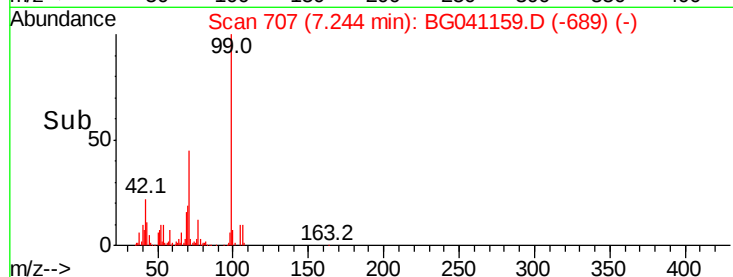
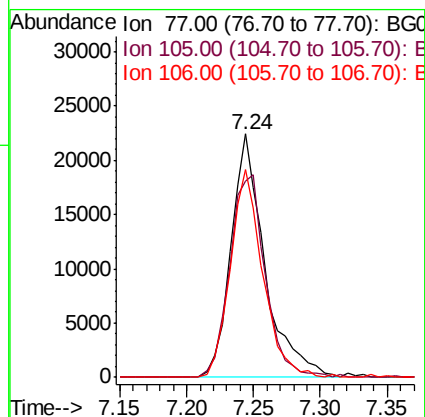
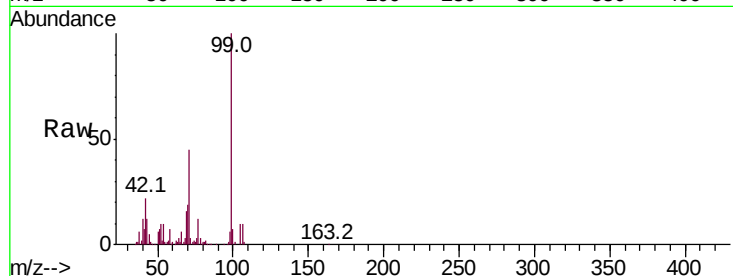
ClientSampleId :

PB120413BSD

Tot Ion:	77	Resp:	39581
Ion	Ratio	Lower	Upper
77	100		
105	80.5	78.9	118.9
106	85.3	76.7	116.7

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#10

Phenol

Concen: 46.208 ng

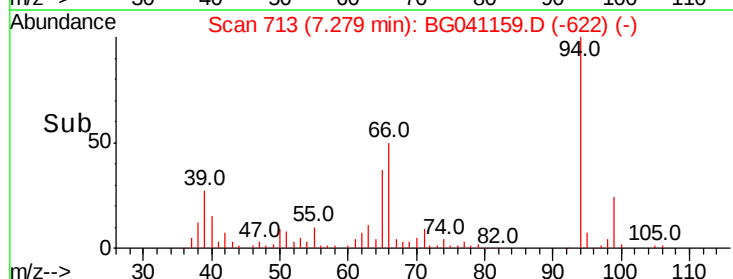
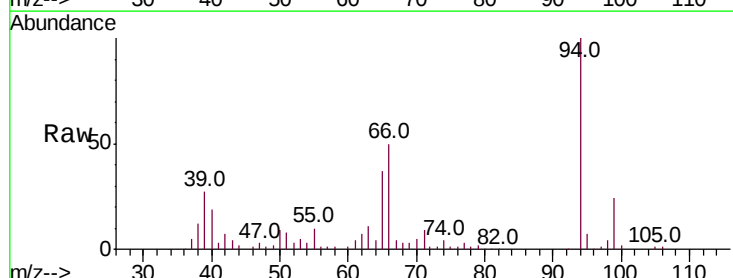
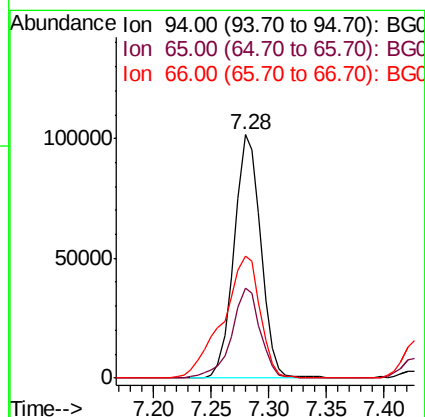
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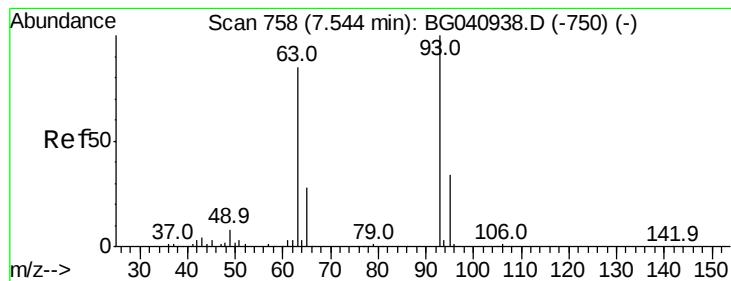
Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Tgt Ion:	94	Resp:	162455
Ion	Ratio	Lower	Upper
94	100		
65	37.0	17.0	57.0
66	50.0	32.4	72.4





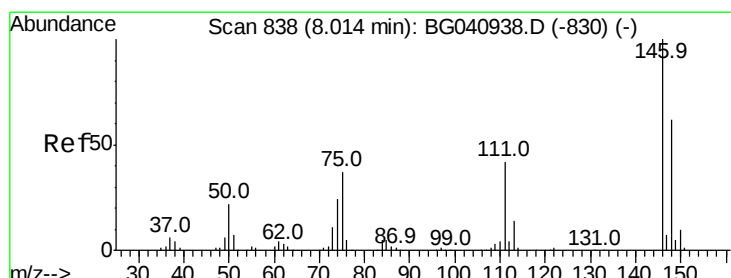
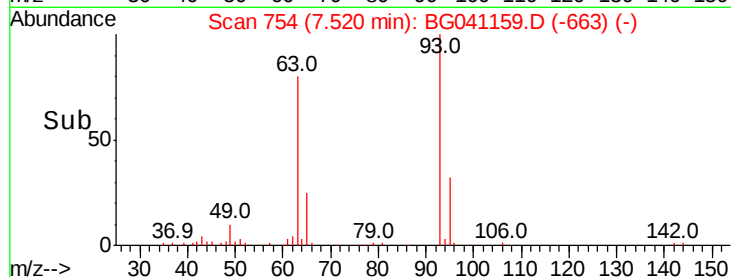
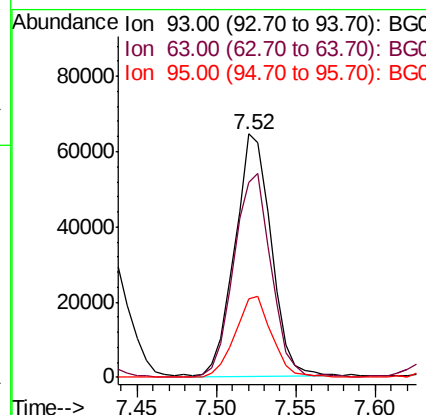
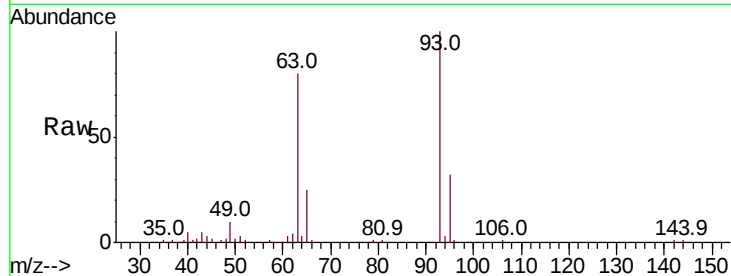
#11
bis(2-Chloroethyl)ether
Concen: 40.300 ng
RT: 7.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Instrument :
BNA_G
ClientSampleId :
PB120413BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.1	64.5	104.5
95	32.3	13.3	53.3

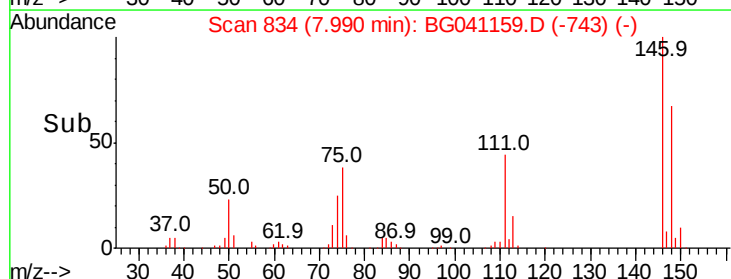
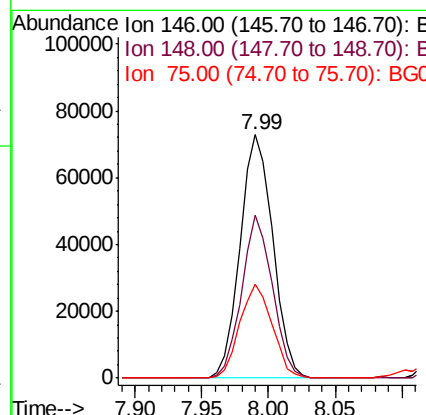
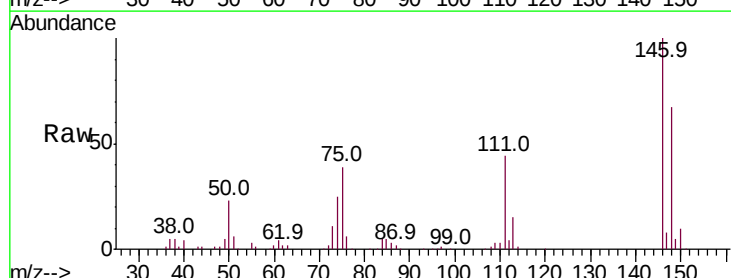
Manual Integrations
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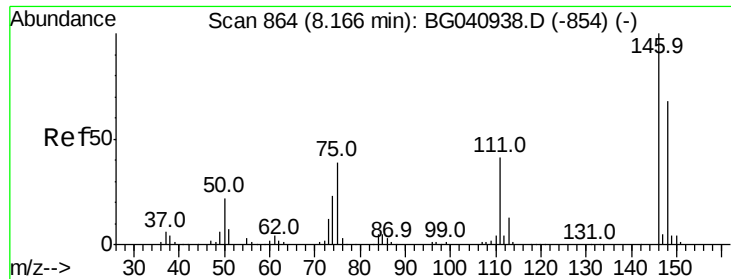
mohammad
6/14/2019 8:39:48 AM



#12
1,3-Dichlorobenzene
Concen: 40.885 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.7	49.2	73.8
75	38.6	29.4	44.0





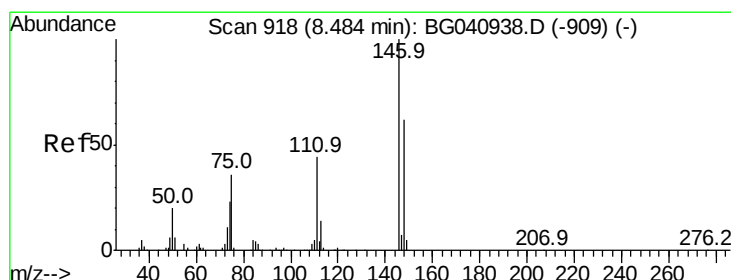
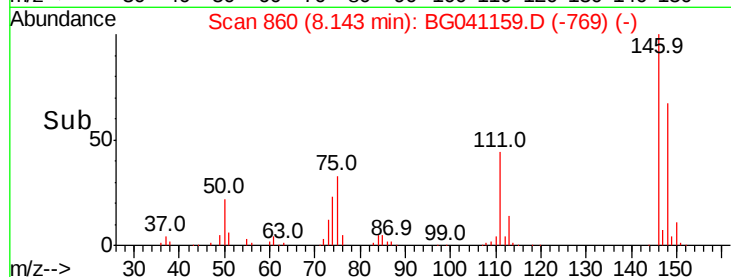
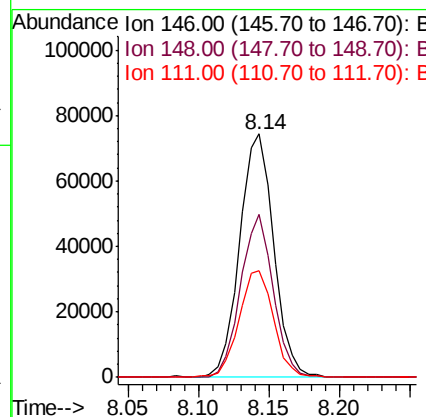
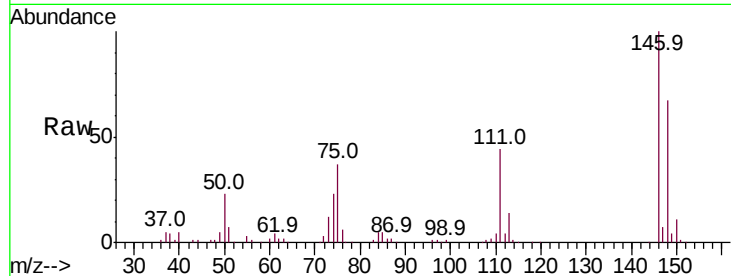
#13
 1,4-Dichlorobenzene
 Concen: 41.038 ng
 RT: 8.14 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.9	54.2	81.4
111	43.9	32.9	49.3

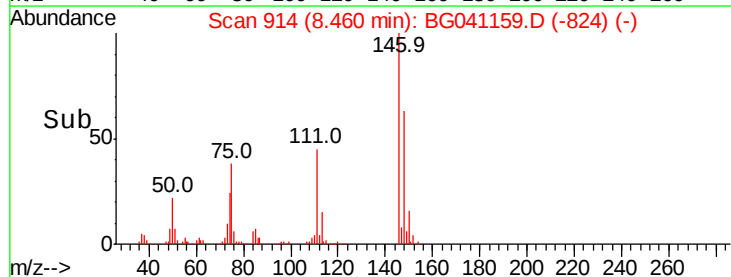
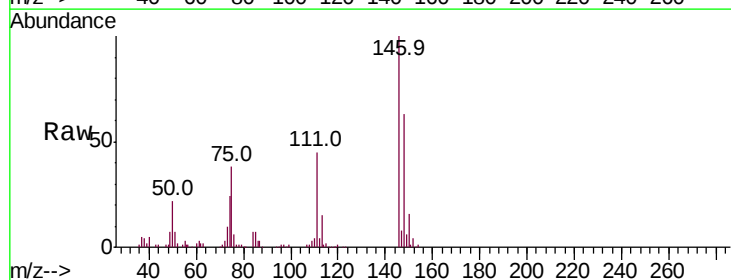
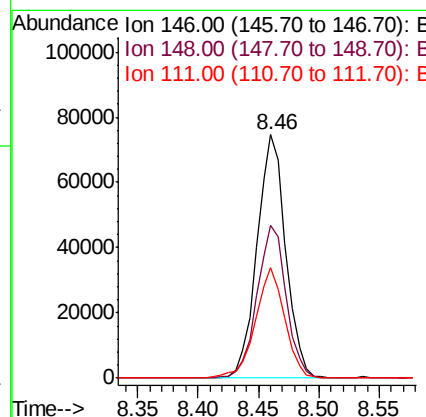
Manual Integrations
 APPROVED

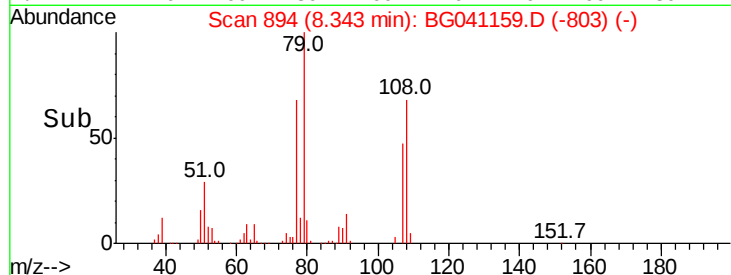
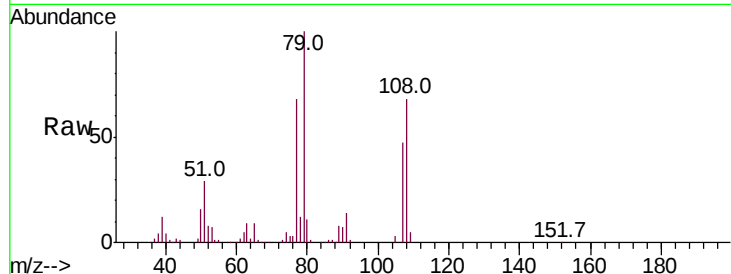
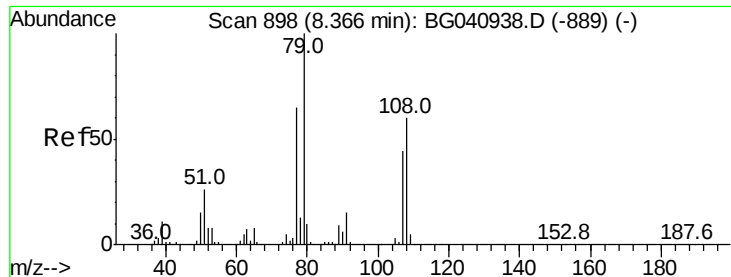
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.469 ng
 RT: 8.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	49.8	74.6
111	45.5	35.0	52.4





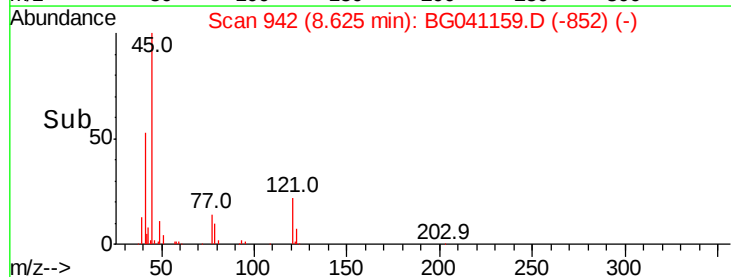
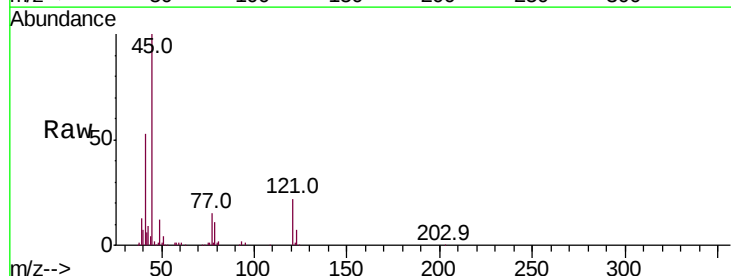
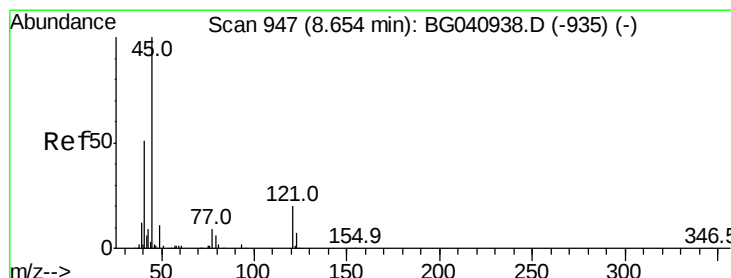
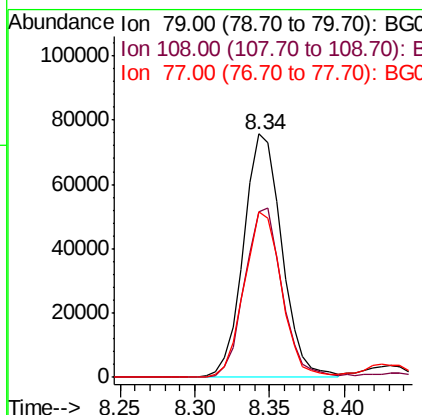
#15
Benzyl Alcohol
Concen: 44.256 ng
RT: 8.34 min Scan# 894
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.1	48.3	72.5
77	68.2	52.3	78.5

Instrument :
BNA_G
ClientSampleId :
PB120413BSD

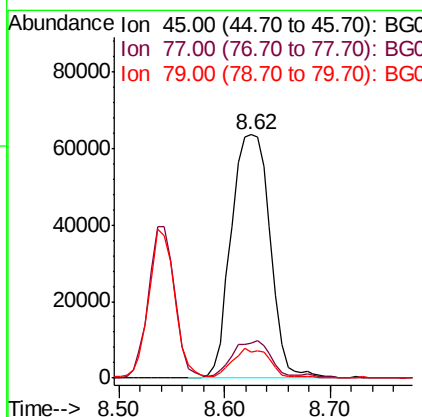
Manual Integrations
APPROVED

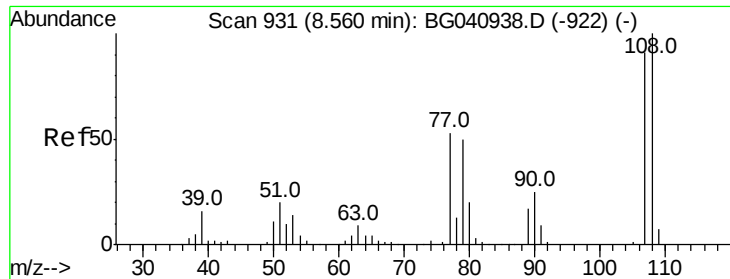
mohammad
6/14/2019 8:39:48 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.890 ng
RT: 8.62 min Scan# 942
Delta R.T. -0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	33.7
79	10.8	0.0	30.2





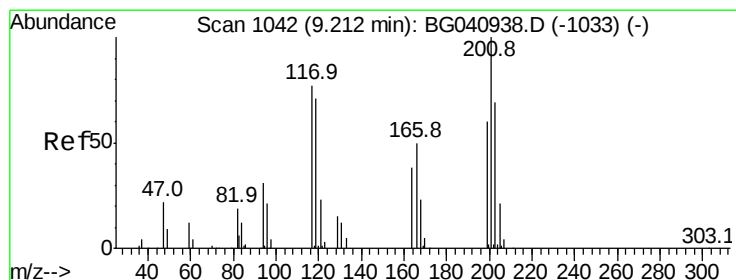
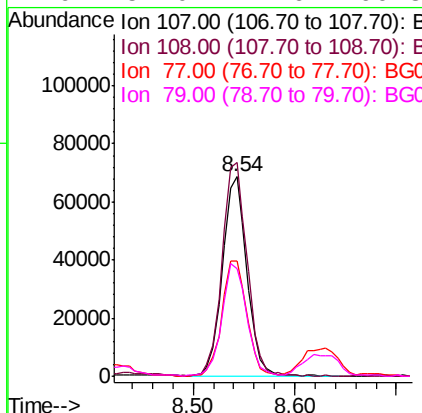
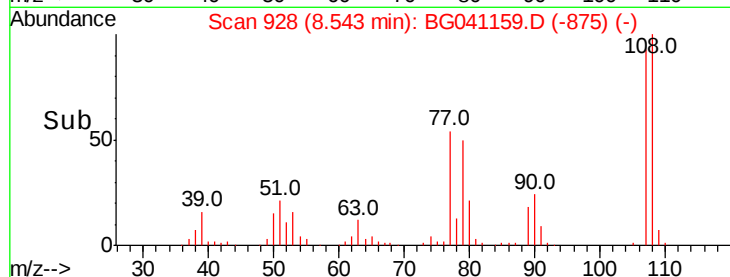
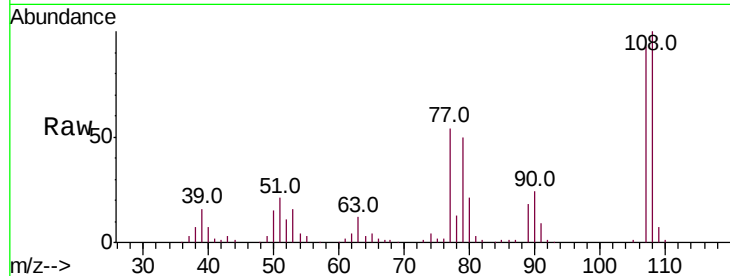
#17
2-Methylphenol
Concen: 45.169 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.01 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Instrument :
BNA_G
ClientSampled :
PB120413BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.1	87.7	131.5	
77	57.5	46.6	70.0	
79	54.0	44.6	66.8	

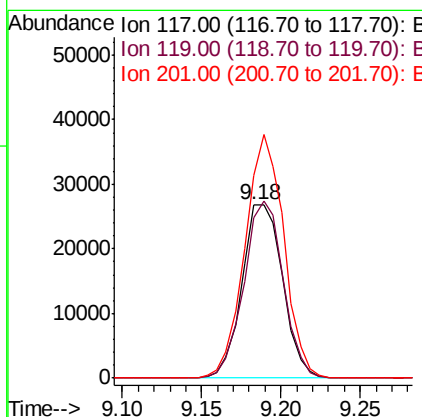
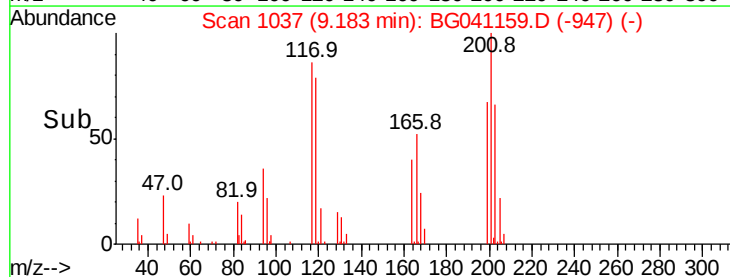
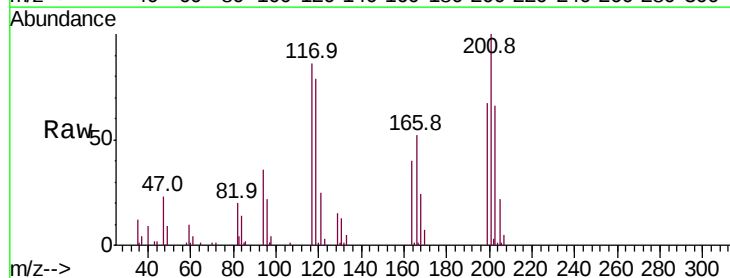
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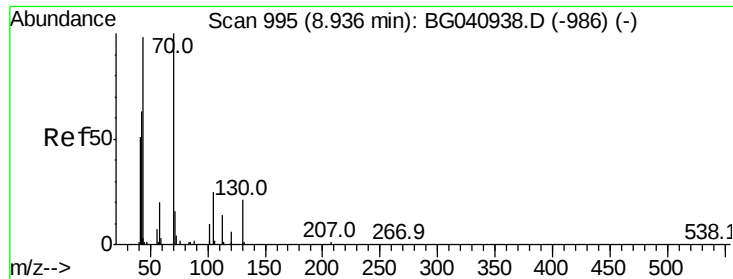
mohammad
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#18
Hexachloroethane
Concen: 40.601 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.6	75.0	112.6	
201	116.9	103.5	155.3	





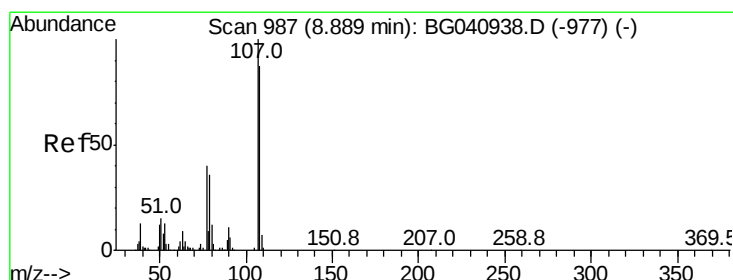
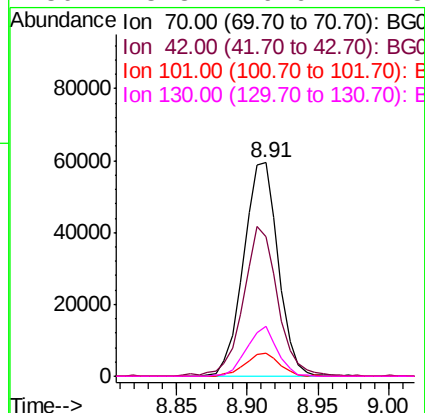
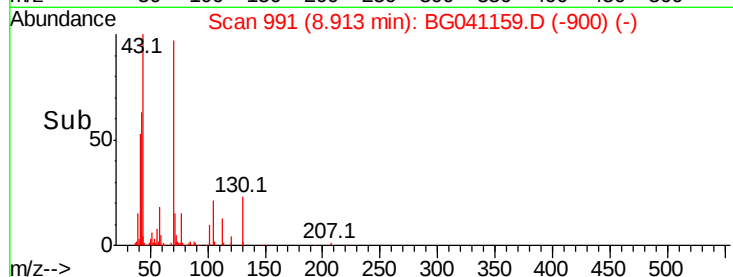
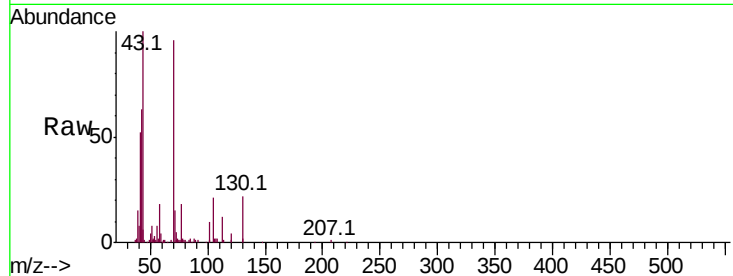
#19
n-Nitroso-di-n-propylamine
Concen: 40.489 ng
RT: 8.91 min Scan# 991
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Instrument :
BNA_G
ClientSampleId :
PB120413BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.4	51.5	77.3	
101	10.5	8.1	12.1	
130	23.3	16.6	24.8	

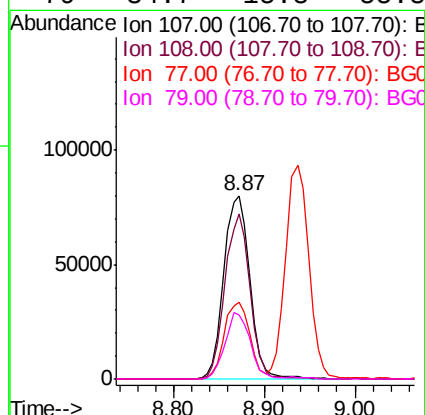
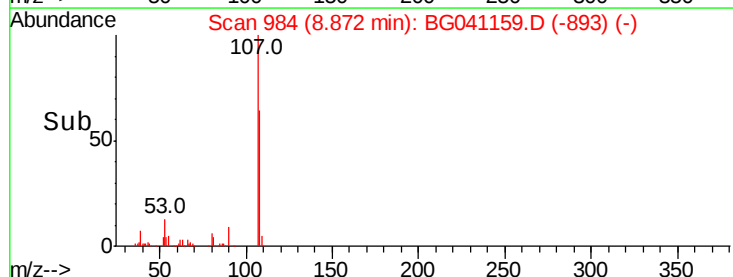
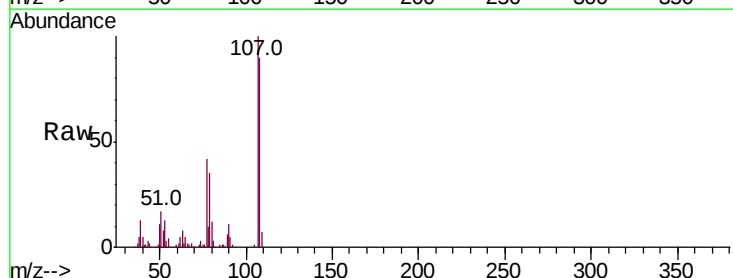
Manual Integrations
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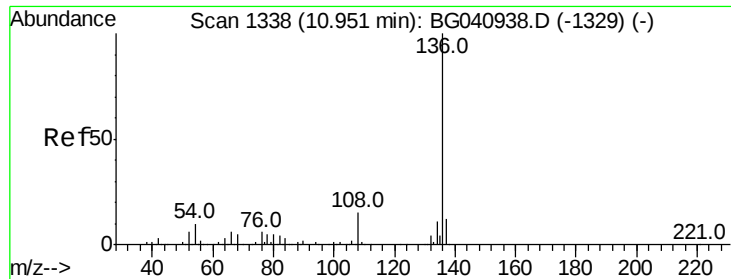
mohammad
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#20
3+4-Methylphenols
Concen: 45.371 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.2	66.8	106.8	
77	41.9	20.5	60.5	
79	34.7	15.8	55.8	





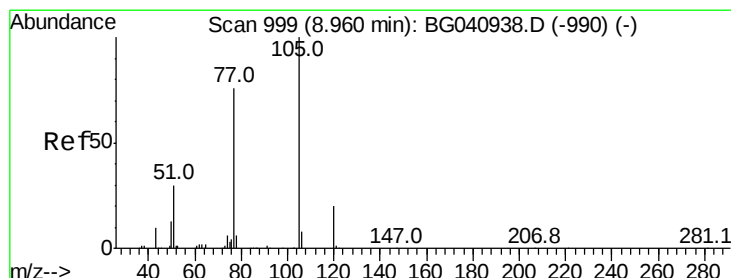
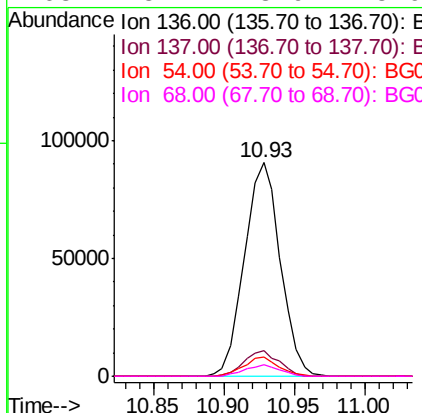
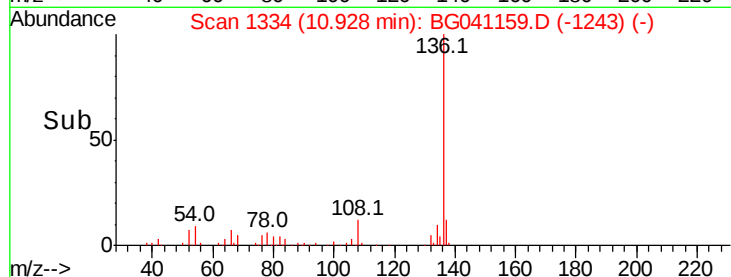
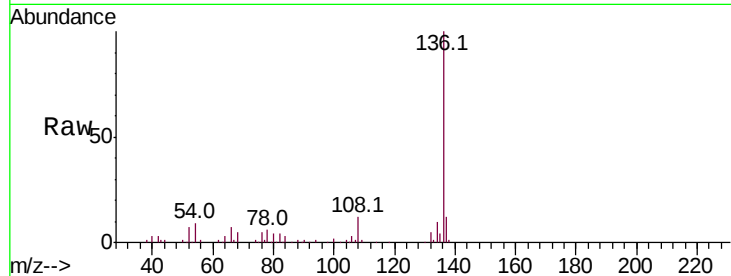
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Instrument :
BNA_G
ClientSampleId :
PB120413BSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	12.1	9.5	14.3
54	9.3	7.6	11.4
68	5.1	3.9	5.9

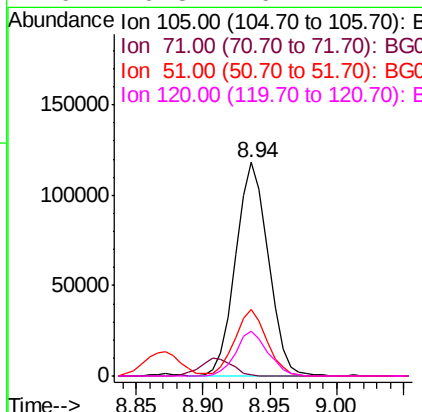
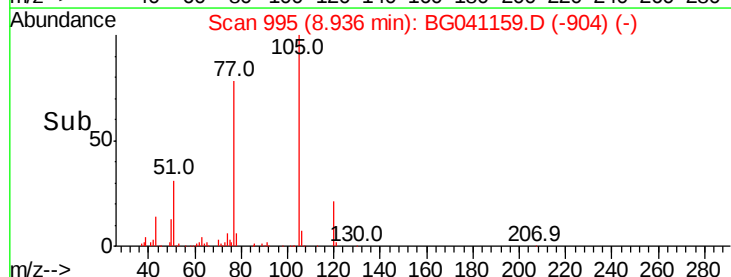
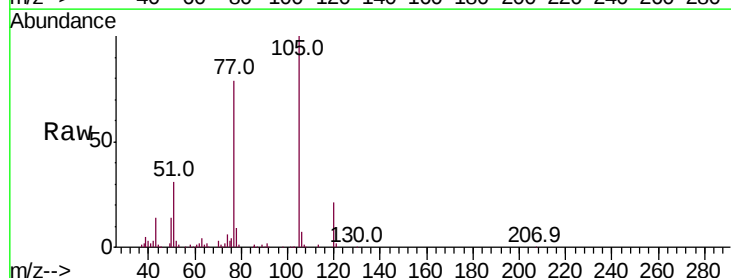
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#22
Acetophenone
Concen: 43.964 ng
RT: 8.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	0.6	0.4	0.6
51	31.3	27.0	40.6
120	20.8	16.2	24.4





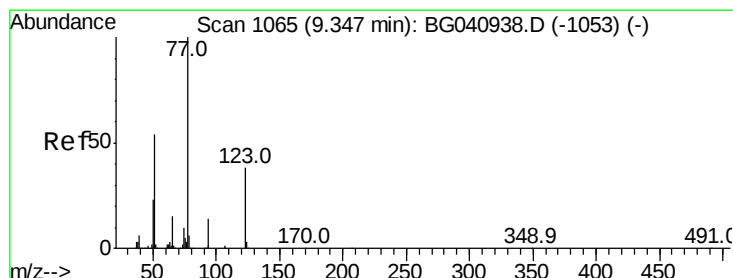
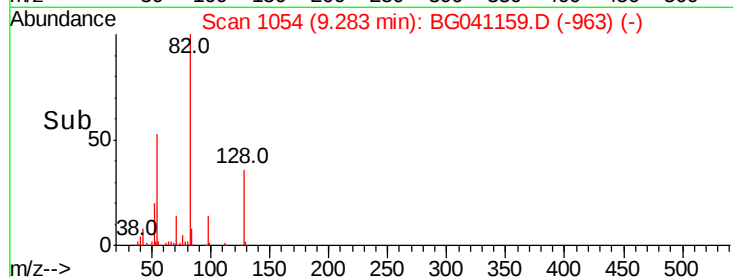
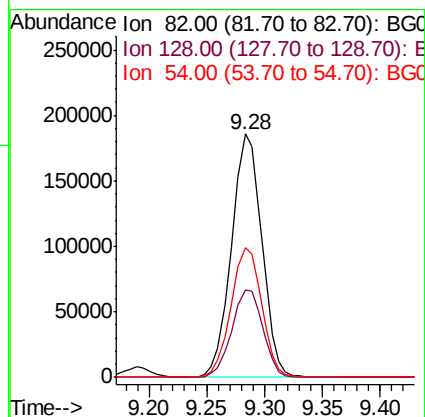
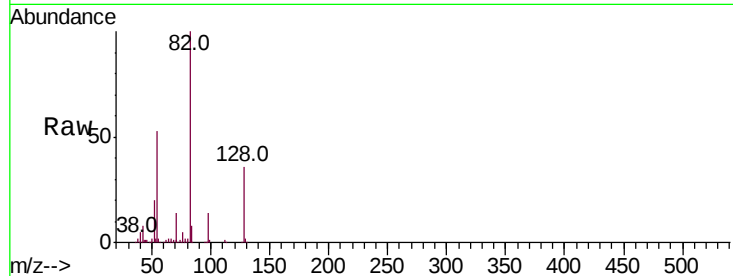
#23
 Nitrobenzene-d5
 Concen: 93.228 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.0	30.5	45.7	
54	53.5	44.6	66.8	

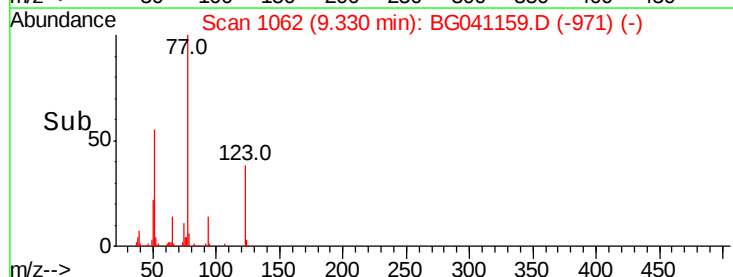
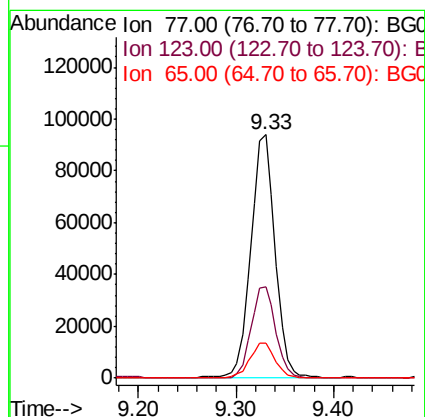
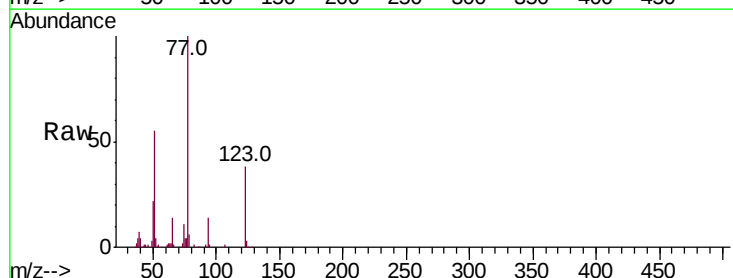
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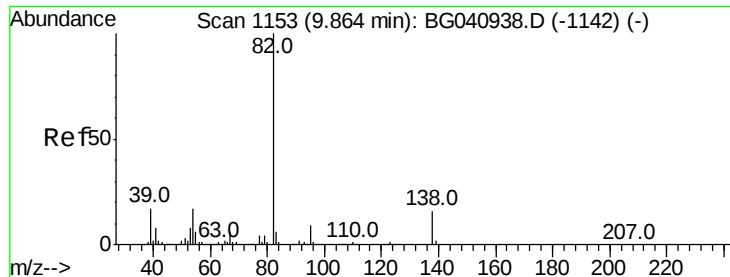
mohammad
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#24
 Nitrobenzene
 Concen: 44.482 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	37.6	30.6	46.0	
65	14.2	12.3	18.5	





#25

Isophorone

Concen: 42.897 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

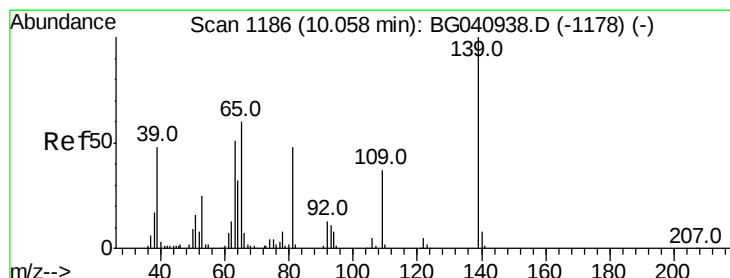
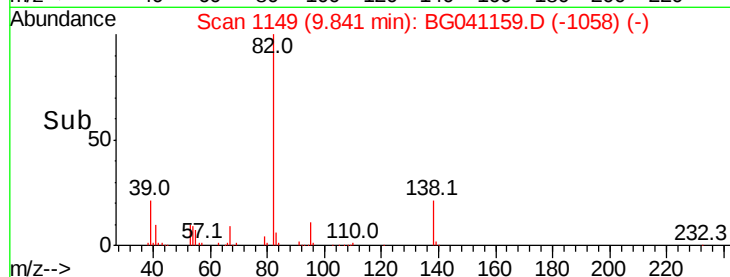
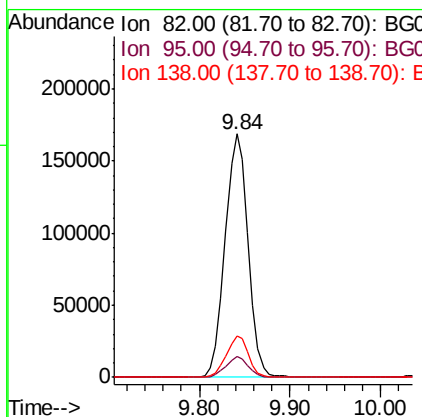
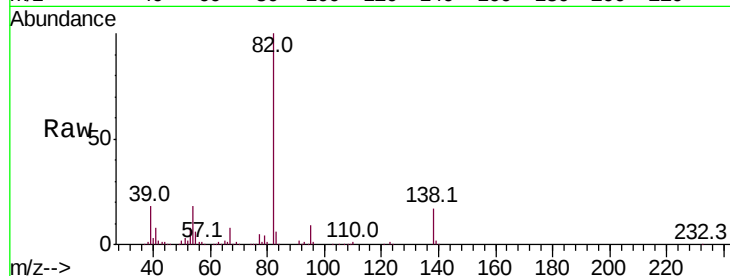
ClientSampleId :

PB120413BSD

Tot Ion:	82	Resp:	296683
Ion Ratio	Lower	Upper	
82	100		
95	8.7	7.0	10.4
138	17.1	12.6	19.0

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#26

2-Nitrophenol

Concen: 47.166 ng

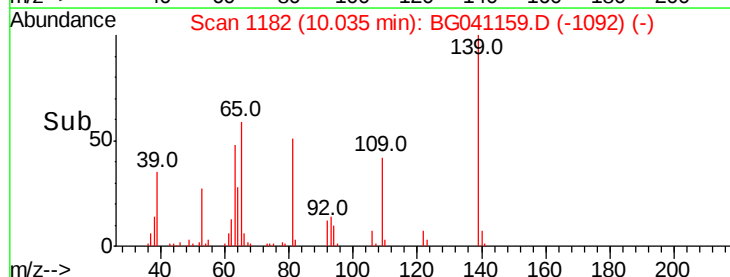
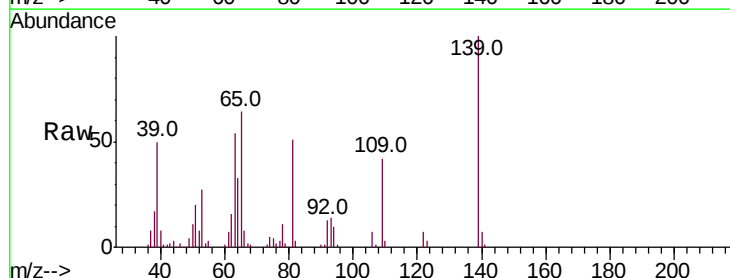
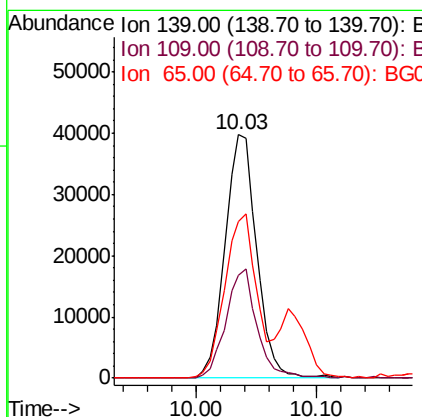
RT: 10.03 min Scan# 1182

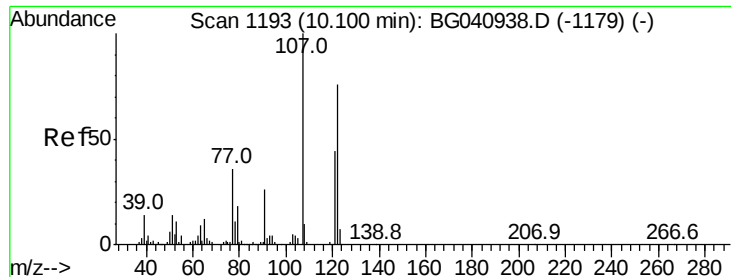
Delta R.T. -0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Tgt Ion:	139	Resp:	72013
Ion Ratio	Lower	Upper	
139	100		
109	42.4	29.8	44.6
65	64.4	47.8	71.6





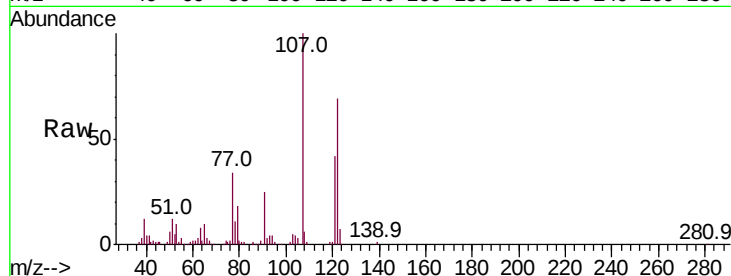
#27
2,4-Dimethylphenol
Concen: 51.065 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Instrument :
BNA_G
ClientSampleId :
PB120413BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	145.1	105.9	158.9
121	60.4	46.2	69.4

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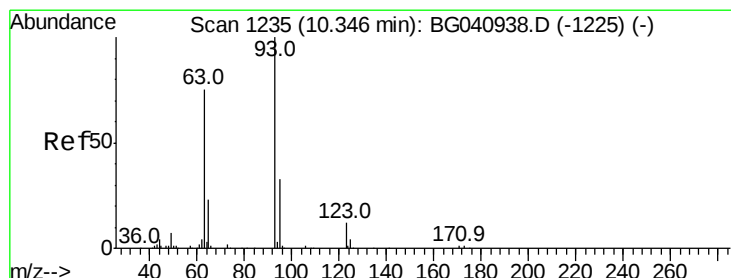
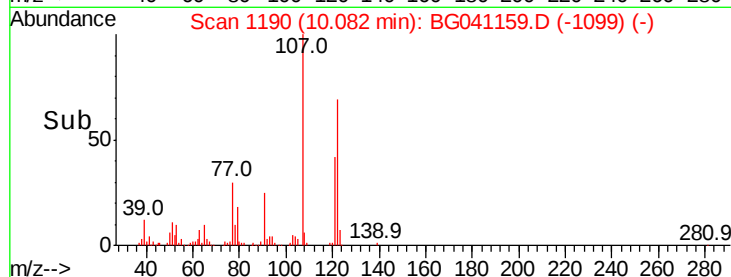
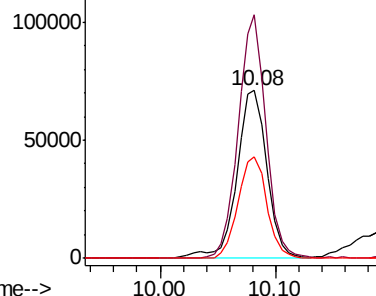


Abundance

Ion 122.00 (121.70 to 122.70): E

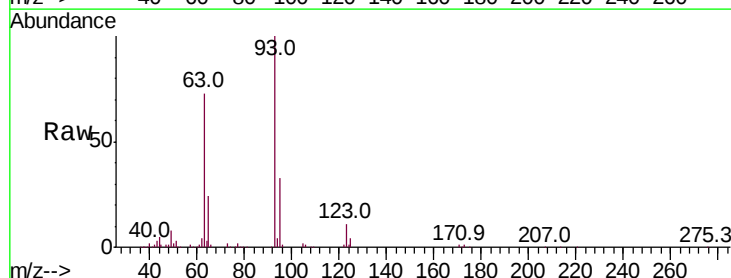
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 42.399 ng
RT: 10.32 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.2	39.2
123	10.6	9.5	14.3

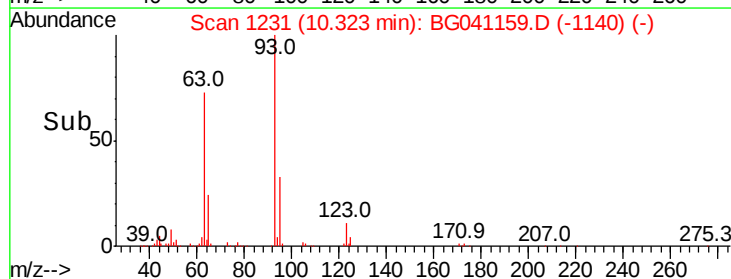
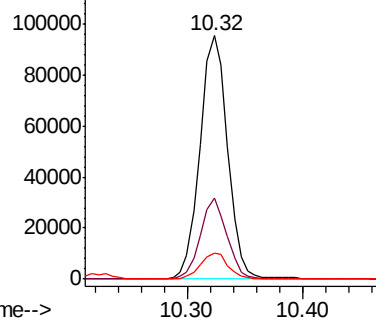


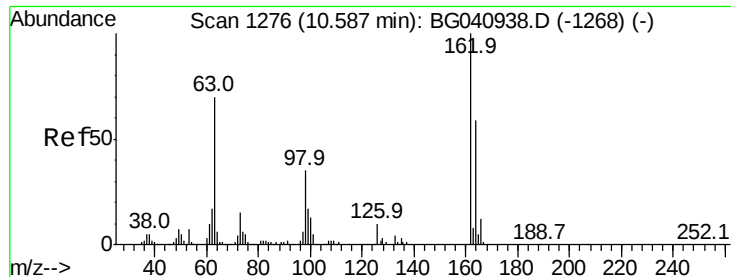
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





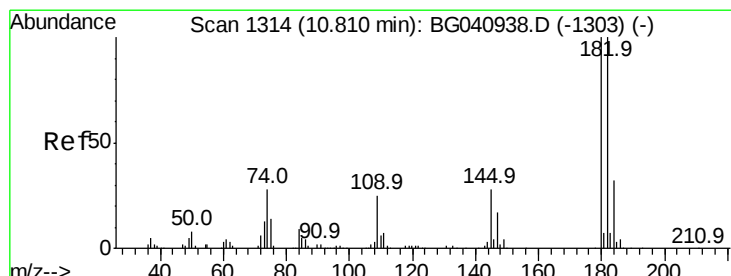
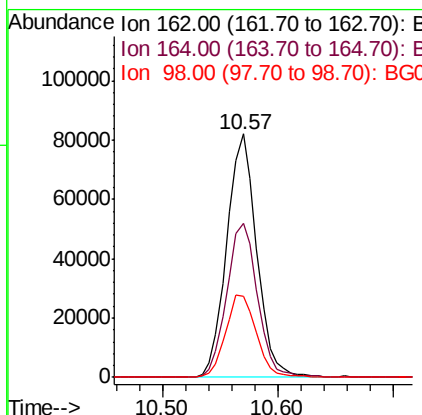
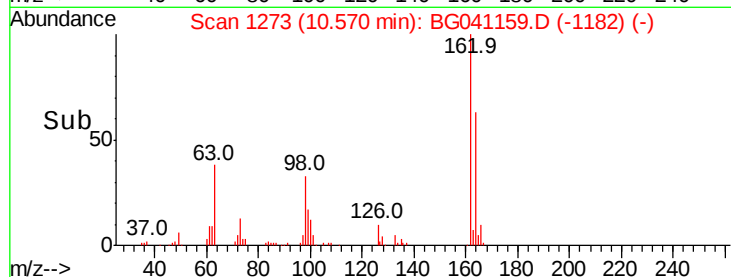
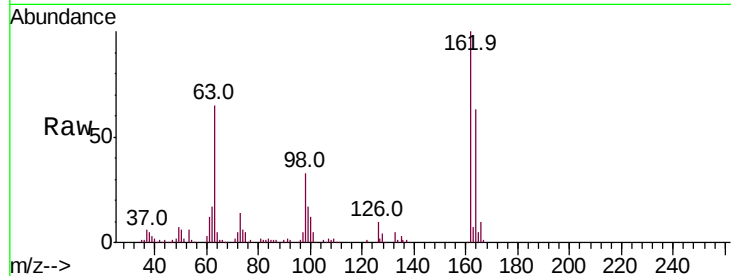
#29
 2,4-Dichlorophenol
 Concen: 46.151 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Instrument :
 BNA_G
 ClientSampled :
 PB120413BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	147782		
164	63.4	39.4	79.4	
98	33.2	15.3	55.3	

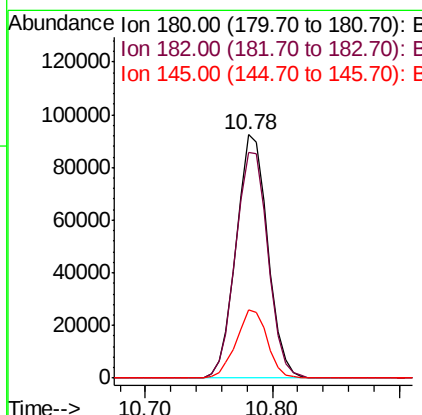
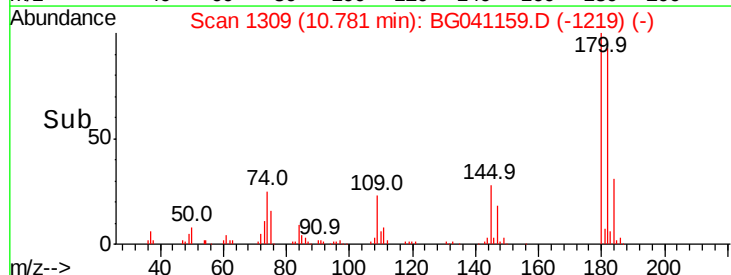
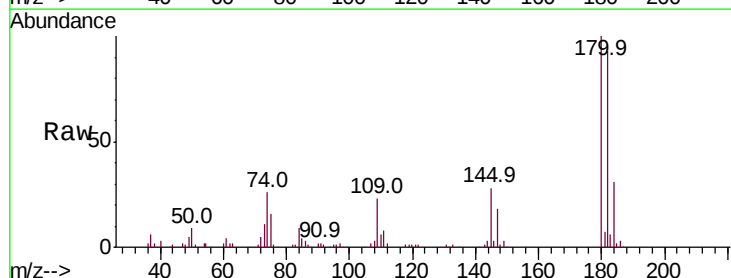
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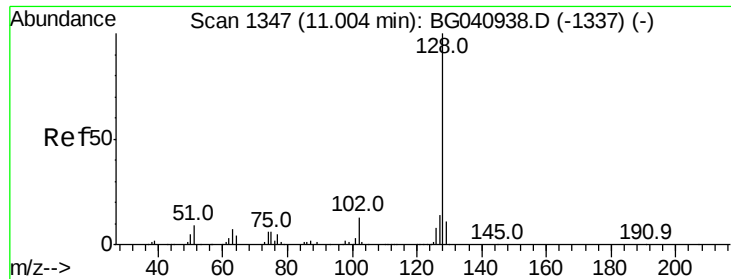
mohammad
 6/14/2019 8:39:48 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.797 ng
 RT: 10.78 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	159537		
182	92.9	79.7	119.5	
145	27.8	22.6	34.0	





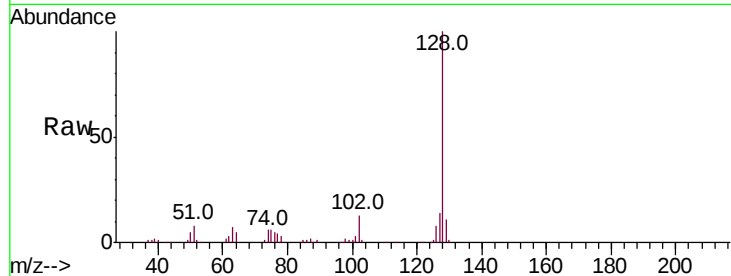
#31
Naphthalene
Concen: 44.942 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Instrument :
BNA_G
ClientSampleId :
PB120413BSD

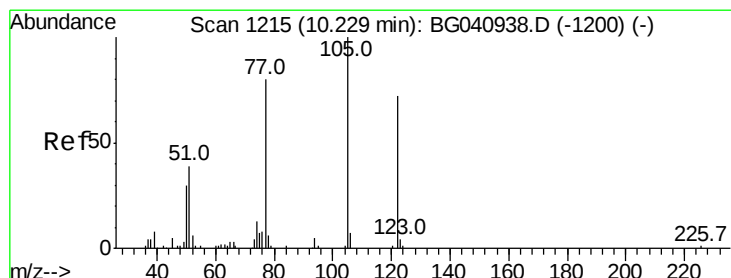
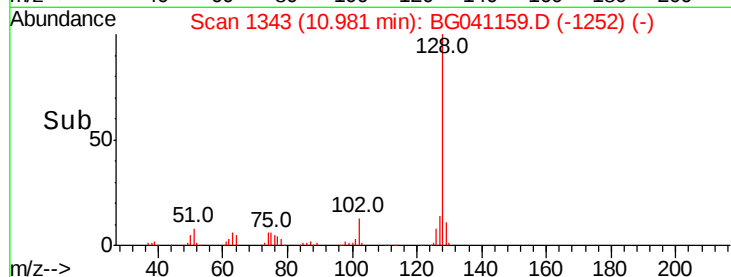
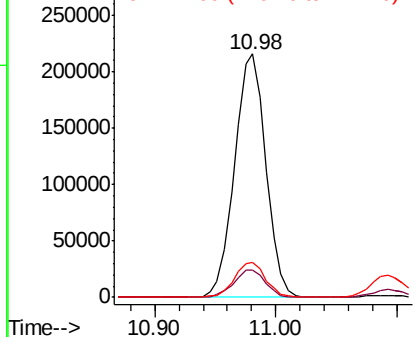
Tot Ion:128	Resp:	389301
Ion Ratio	Lower	Upper
128 100		
129 11.0	8.5	12.7
127 14.5	11.4	17.2

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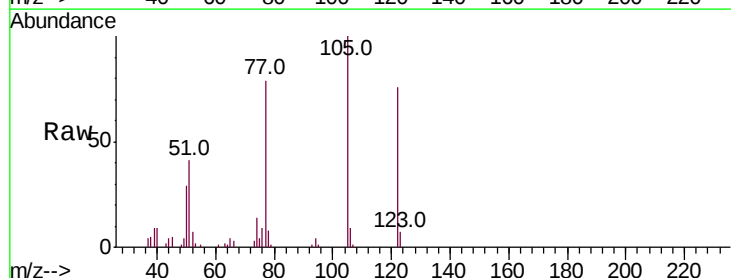


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

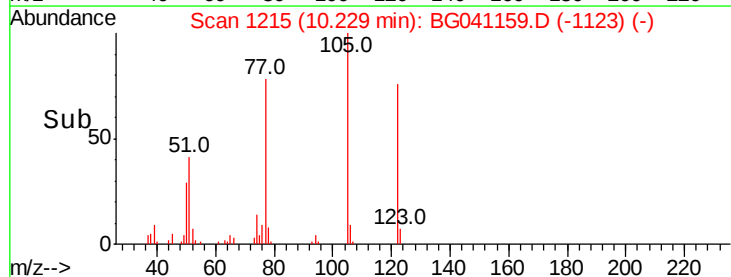
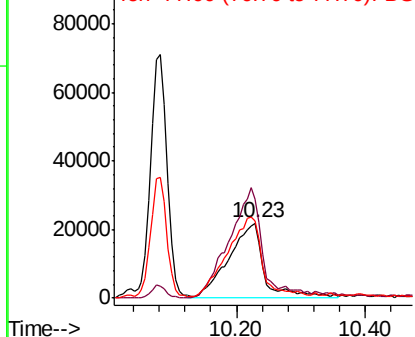


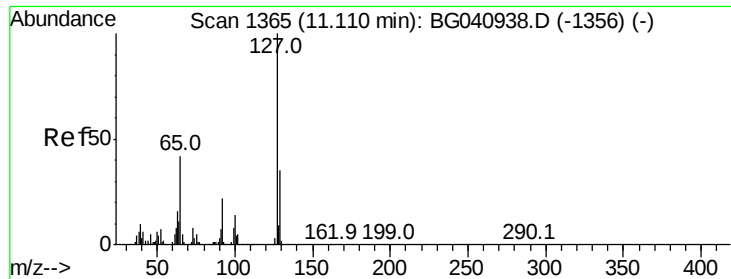
#32
Benzoic acid
Concen: 44.025 ng m
RT: 10.23 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion:122	Resp:	84730
Ion Ratio	Lower	Upper
122 100		
105 132.0	114.8	154.8
77 103.9	89.9	129.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





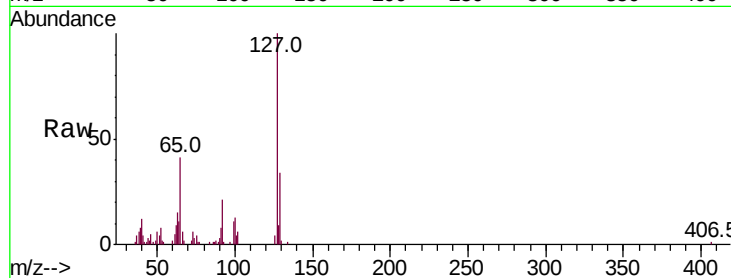
#33
4-Chloroaniline
Concen: 10.523 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Instrument :
BNA_G
ClientSampleId :
PB120413BSD

Tot Ion:	127	Resp:	42294
Ion Ratio	Lower	Upper	
127	100		
129	34.3	27.7	41.5
65	41.4	33.2	49.8
92	21.3	17.2	25.8

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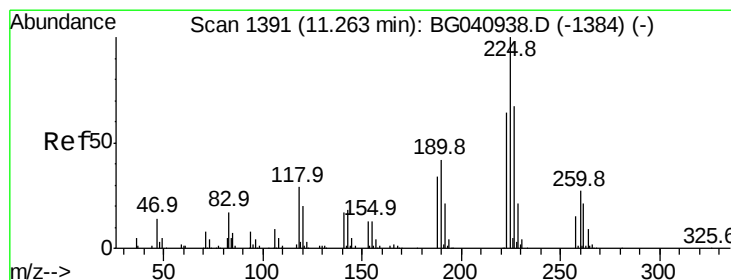
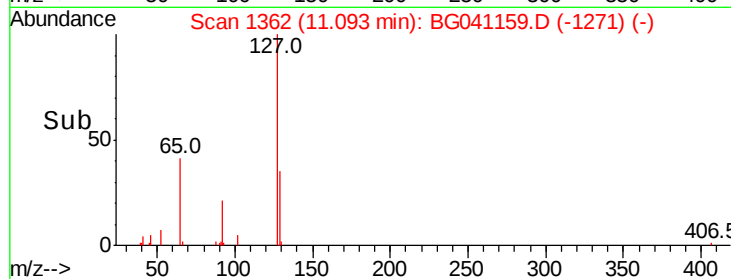
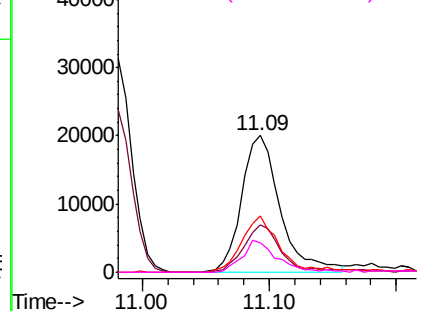
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

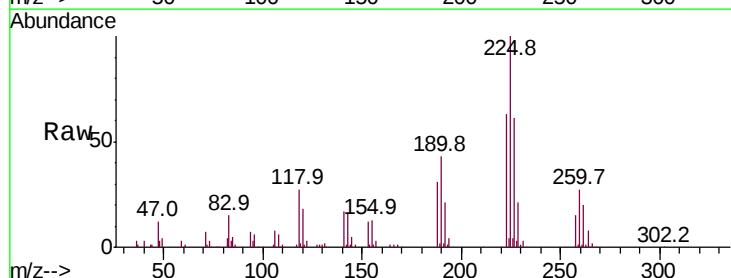
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 40.922 ng
RT: 11.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion:	225	Resp:	114058
Ion Ratio	Lower	Upper	
225	100		
223	63.3	48.8	73.2
227	61.2	51.4	77.0

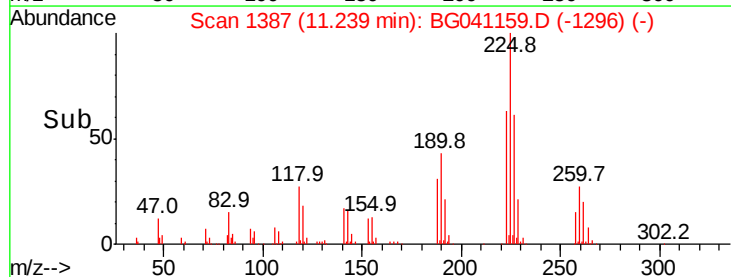
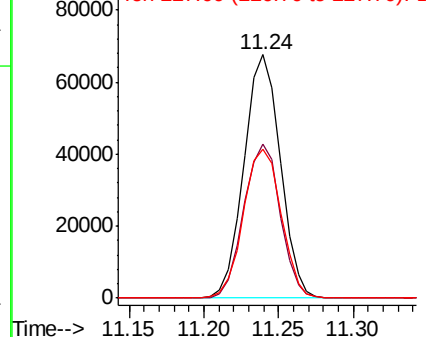


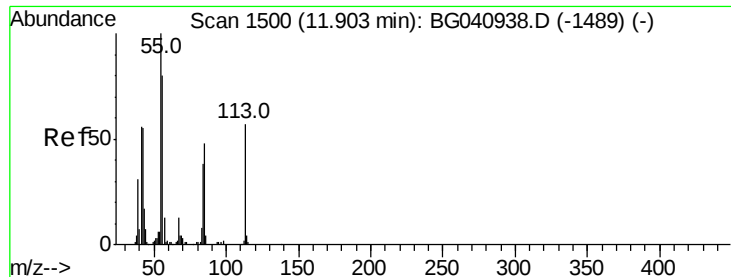
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





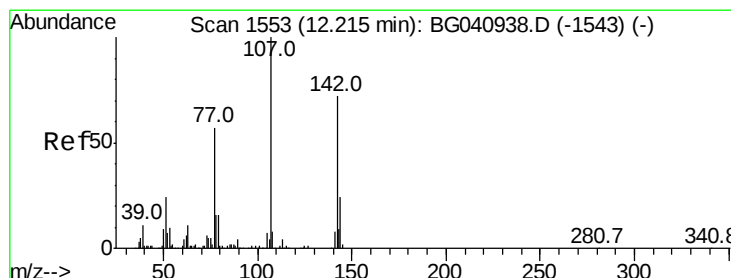
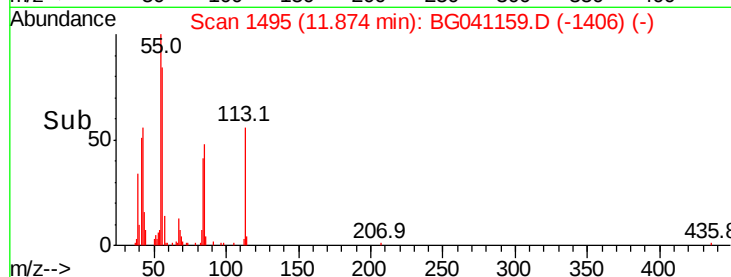
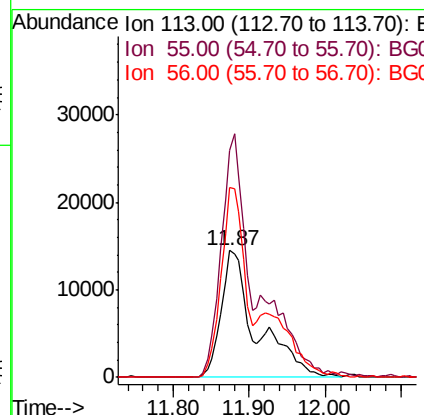
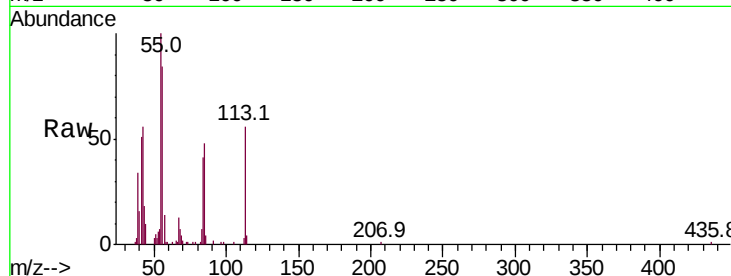
#35
 Caprolactam
 Concen: 44.200 ng/ml
 RT: 11.87 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	179.2	155.9	195.9
56	149.9	119.9	159.9

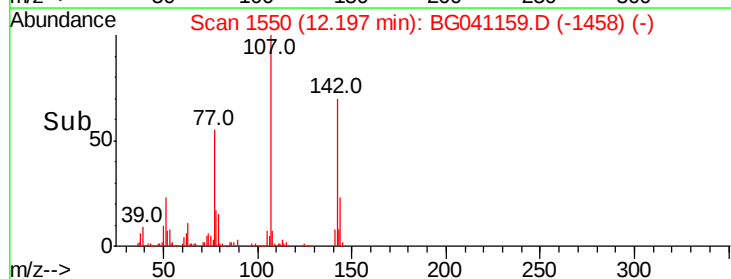
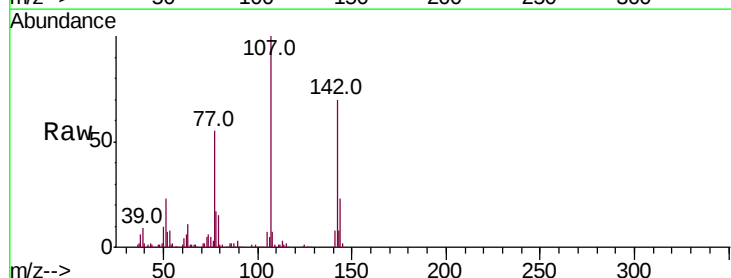
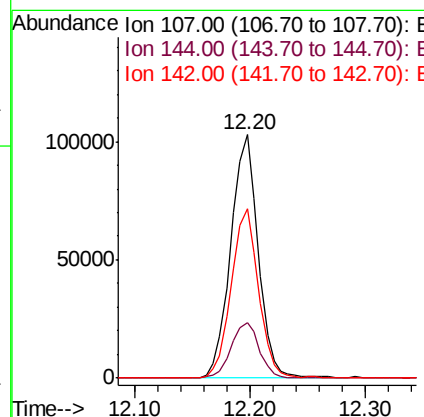
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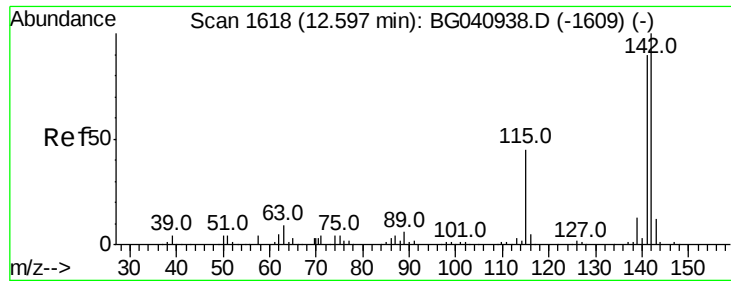
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#36
 4-Chloro-3-methylphenol
 Concen: 46.432 ng
 RT: 12.20 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.8	19.4	29.0
142	69.7	57.3	85.9





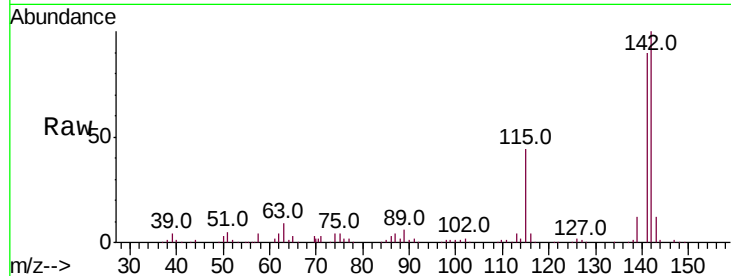
#37
 2-Methylnaphthalene
 Concen: 44.721 ng
 RT: 12.57 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BSD

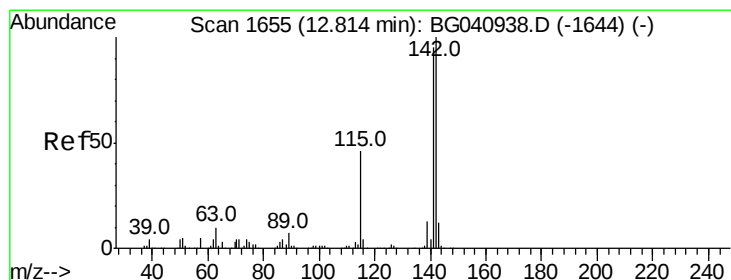
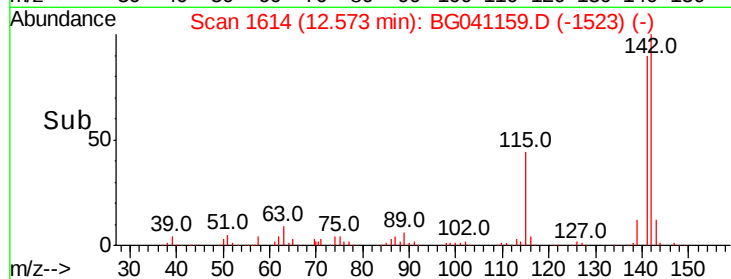
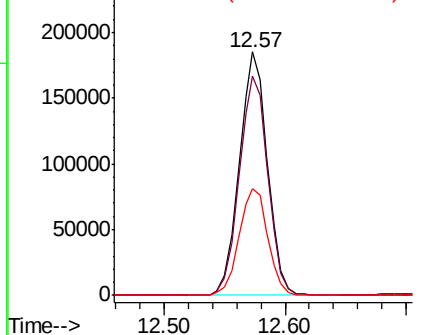
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.2	108.4
115	43.8	36.2	54.4

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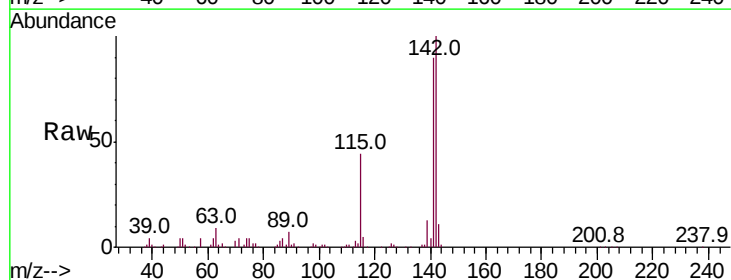


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

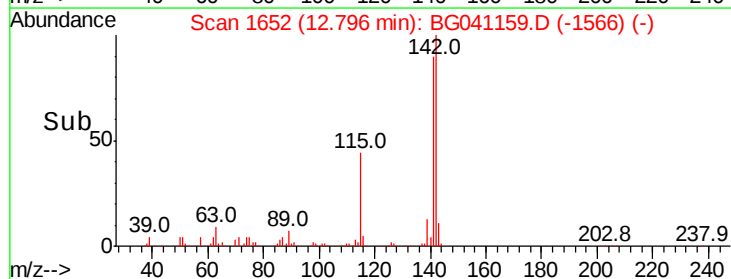
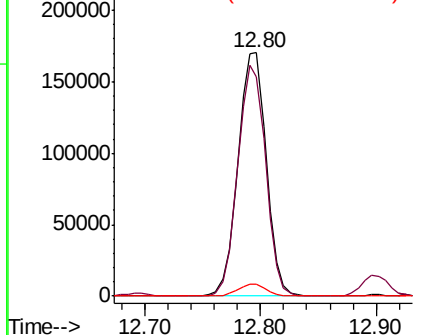


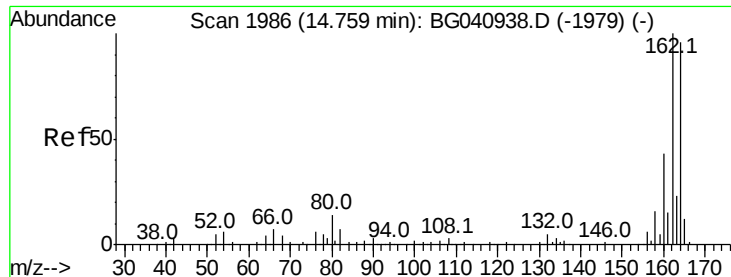
#38
 1-Methylnaphthalene
 Concen: 45.875 ng
 RT: 12.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	75.7	113.5
116	4.9	3.4	5.2



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





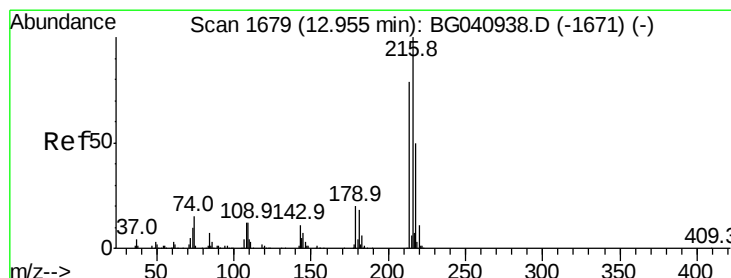
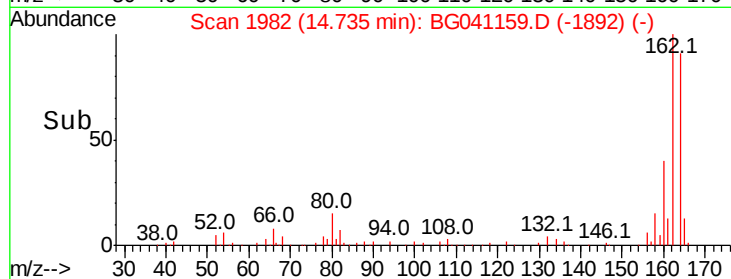
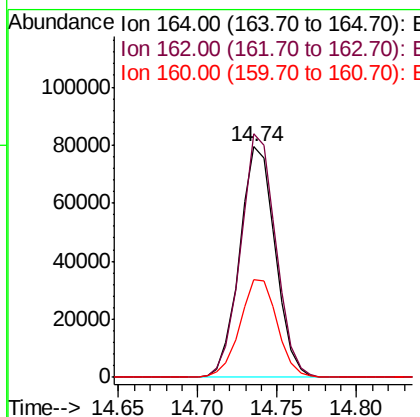
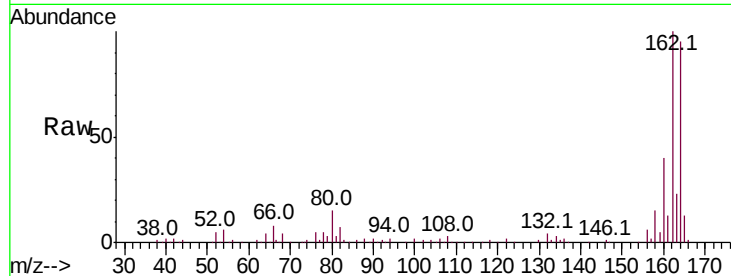
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Instrument :
BNA_G
ClientSampled :
PB120413BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.7	83.0	124.4
160	42.7	35.6	53.4

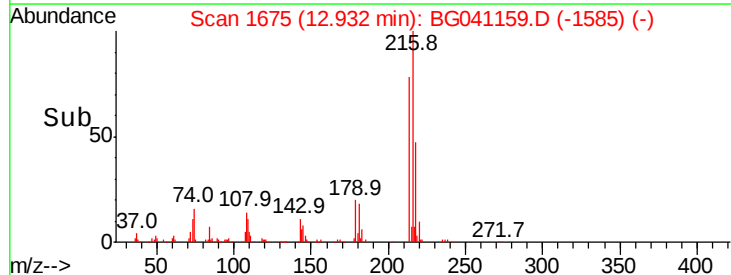
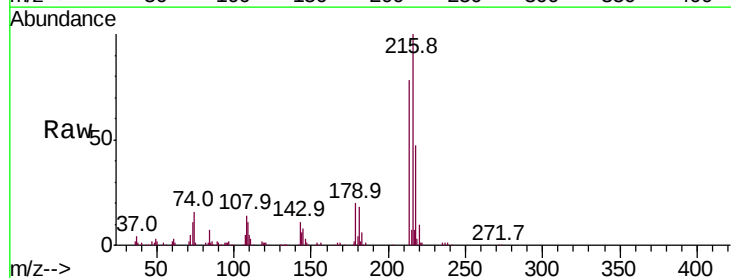
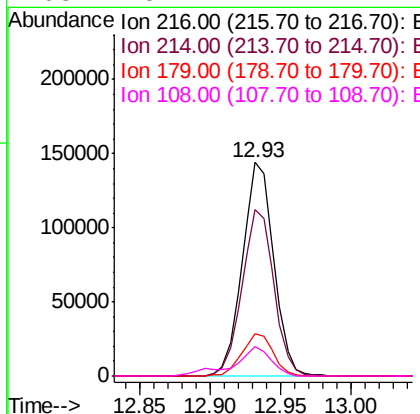
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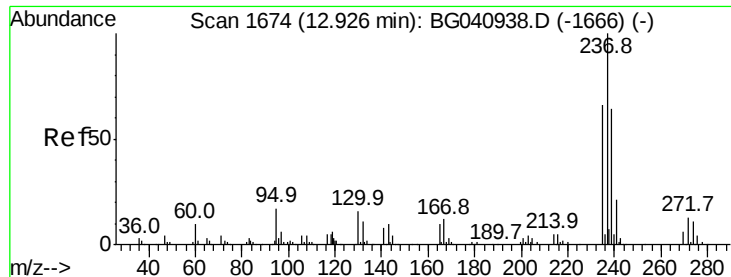
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.856 ng
RT: 12.93 min Scan# 1675
Delta R.T. -0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.2
179	19.4	15.2	22.8
108	16.2	11.4	17.2





#41

Hexachlorocyclopentadiene

Concen: 92.392 ng

RT: 12.90 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

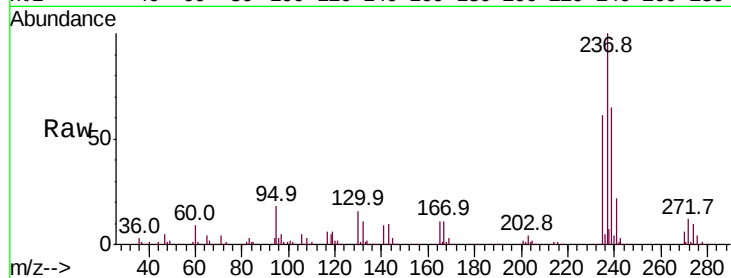
ClientSampleId :

PB120413BSD

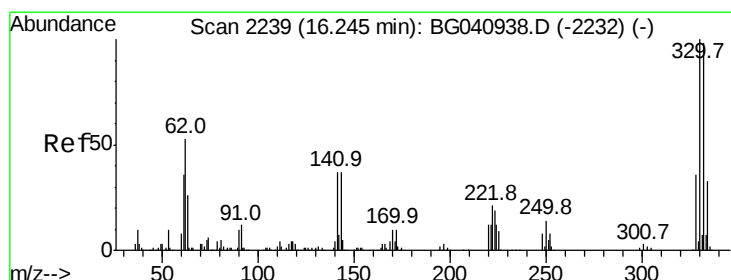
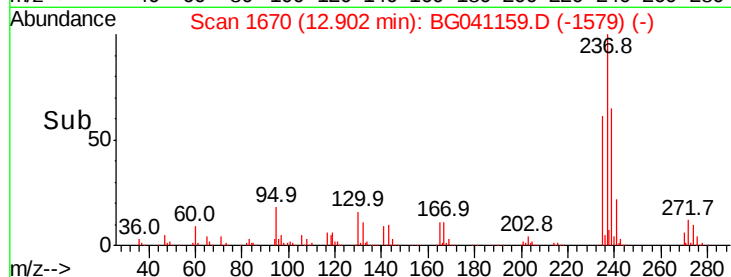
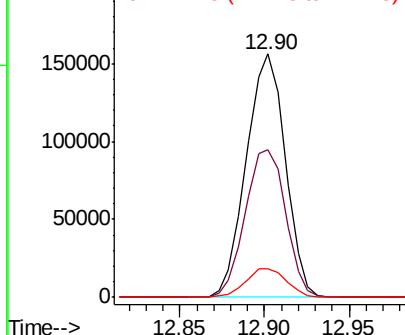
Tot Ion:	237	Resp:	251333
Ion Ratio	Lower	Upper	
237	100		
235	60.8	45.5	85.5
272	11.6	0.0	32.9

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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: 149.689 ng

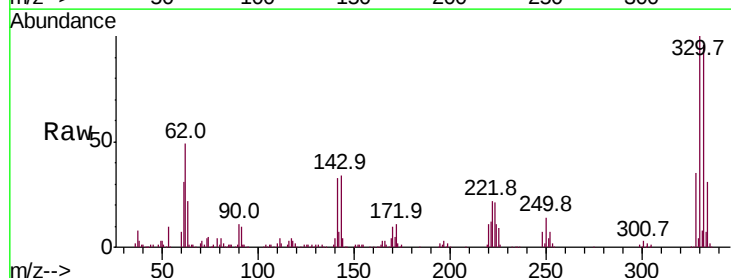
RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

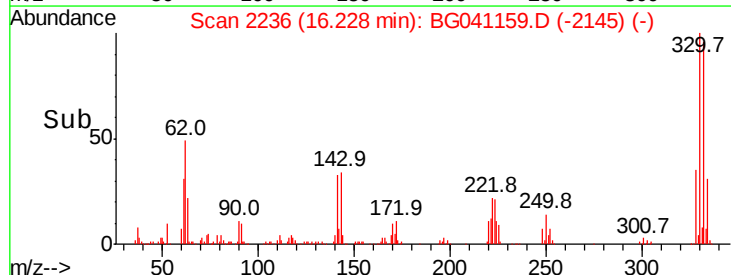
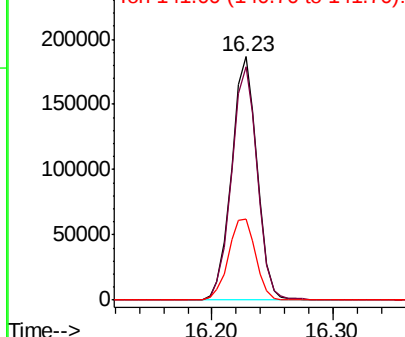
Lab File: BG041159.D

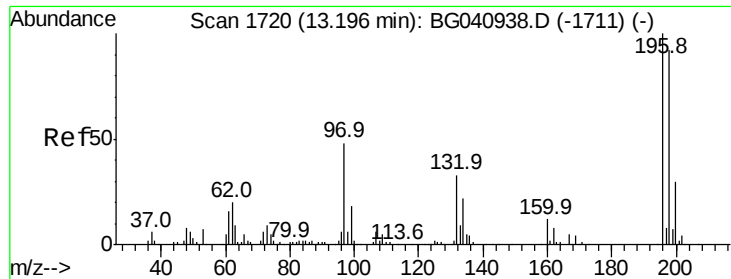
Acq: 10 Jun 2019 11:02

Tgt Ion:	330	Resp:	274787
Ion Ratio	Lower	Upper	
330	100		
332	97.1	78.5	117.7
141	35.5	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





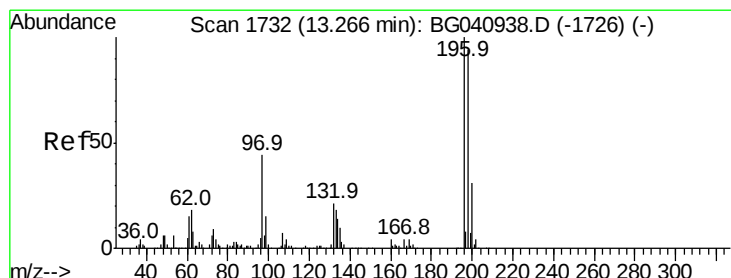
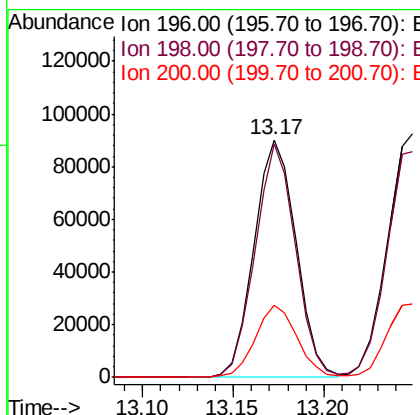
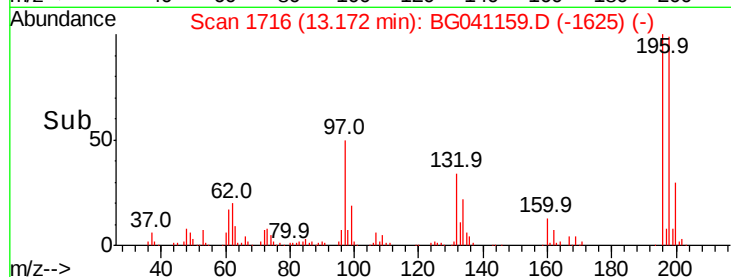
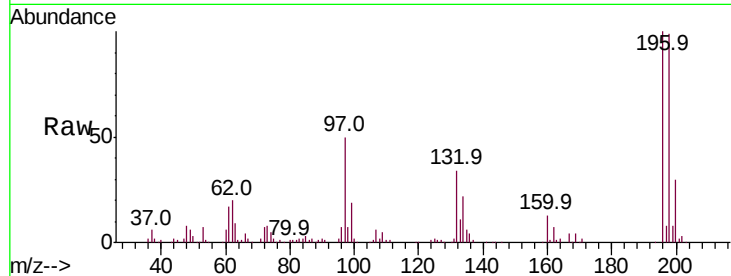
#43
 2,4,6-Trichlorophenol
 Concen: 44.996 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	145072		
198	98.6	73.8	110.6	
200	30.4	24.1	36.1	

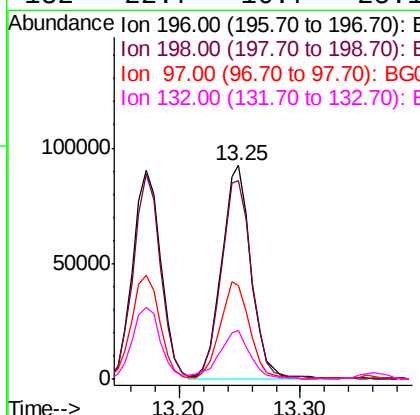
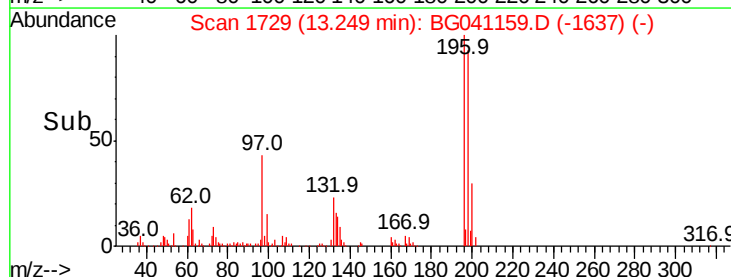
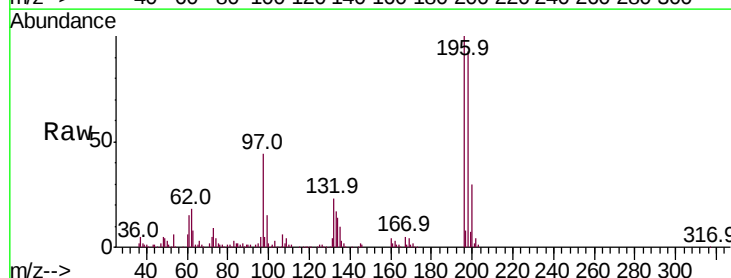
Manual Integrations
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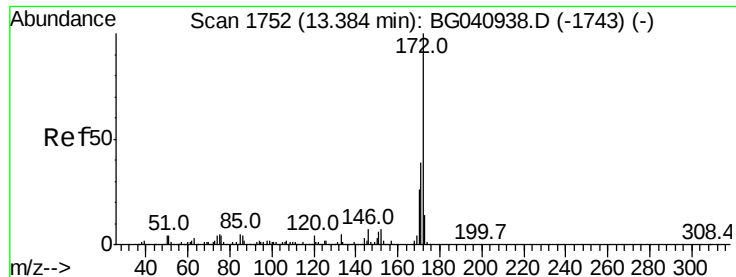
mohammad
 6/14/2019 8:39:48 AM



#44
 2,4,5-Trichlorophenol
 Concen: 45.568 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	154943		
198	92.8	75.1	112.7	
97	43.5	35.6	53.4	
132	22.7	16.7	25.1	





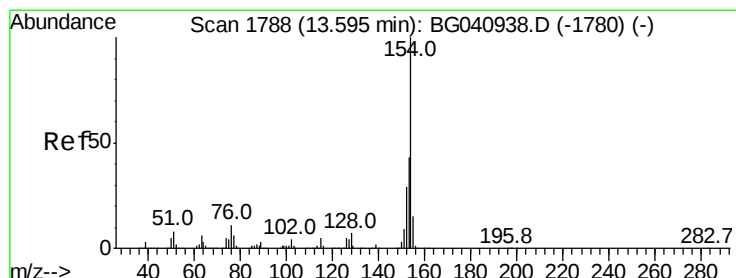
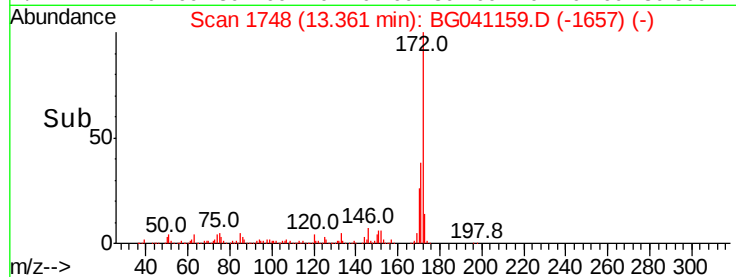
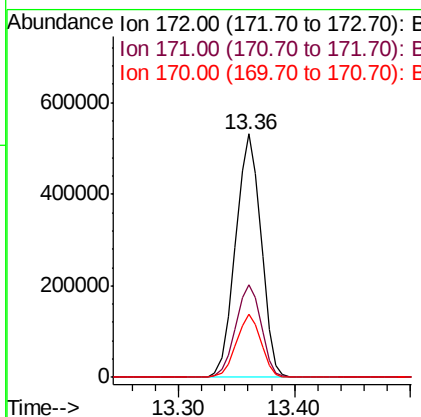
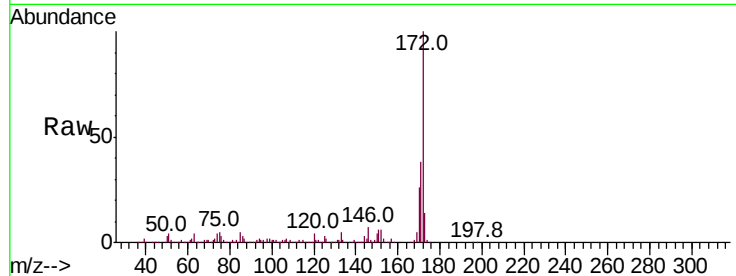
#45
2-Fluorobiphenyl
Concen: 94.482 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Instrument :
BNA_G
ClientSampleId :
PB120413BSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	811261		
171	38.0		31.1	46.7
170	25.9		20.5	30.7

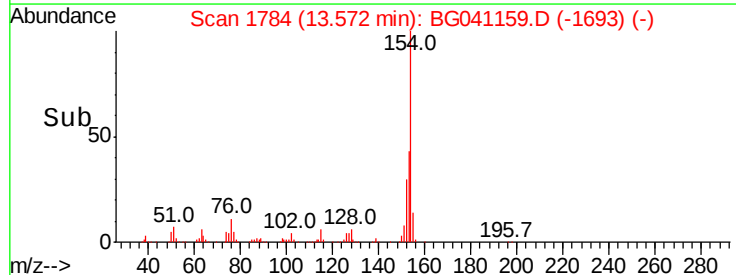
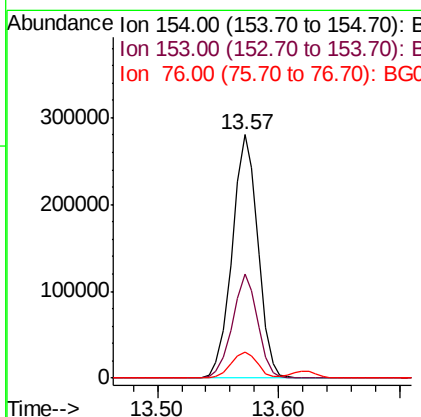
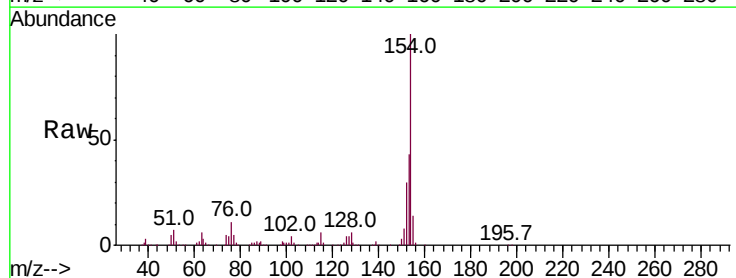
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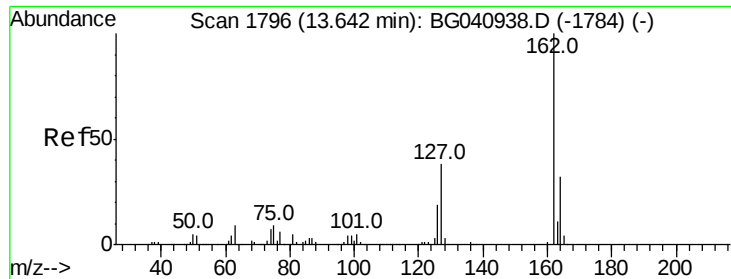
mohammad
6/14/2019 8:39:48 AM



#46
1,1'-Biphenyl
Concen: 45.418 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	415710		
153	42.8		23.3	63.3
76	10.9		0.0	31.1





#47

2-Chloronaphthalene

Concen: 43.605 ng

RT: 13.62 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BG041159.D

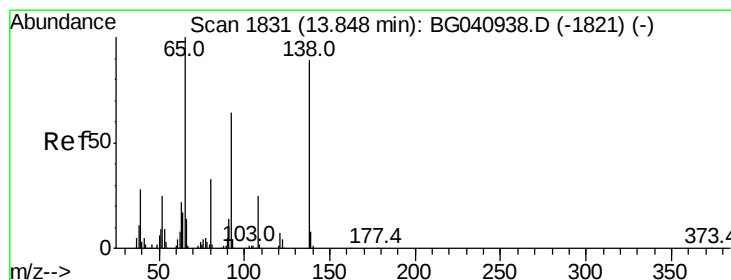
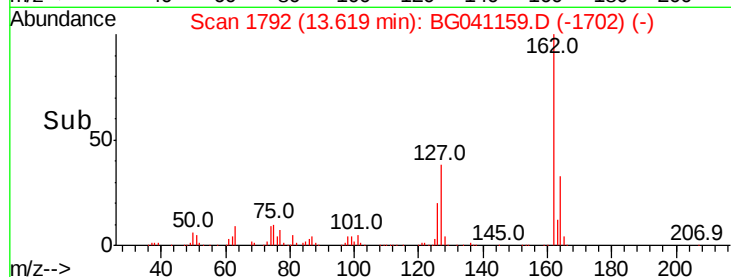
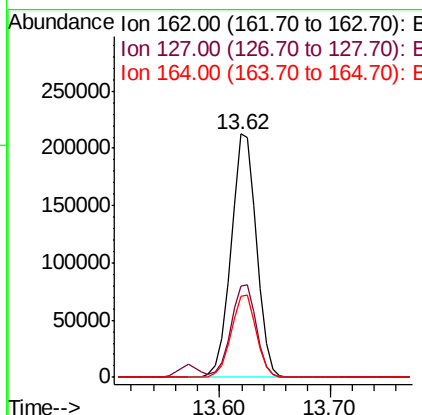
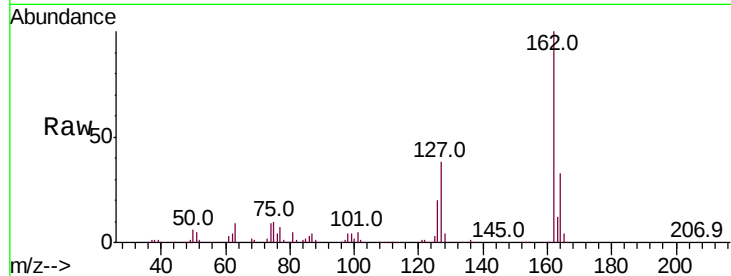
Acq: 10 Jun 2019 11:02

Instrument :
BNA_G
ClientSampleId :
PB120413BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	342639		
127	37.6		30.5	45.7
164	33.1		25.8	38.6

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#48

2-Nitroaniline

Concen: 42.814 ng

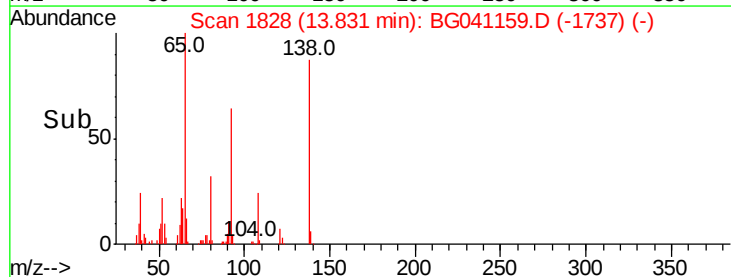
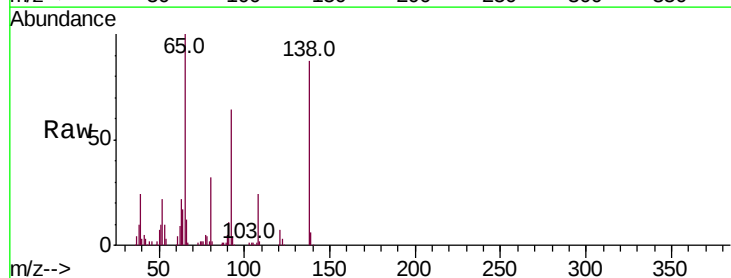
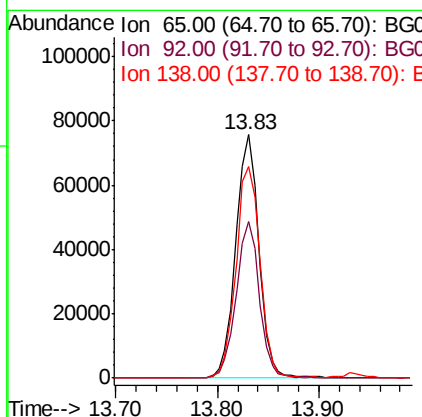
RT: 13.83 min Scan# 1828

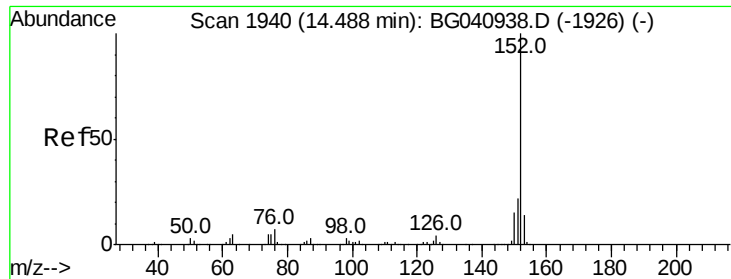
Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	120691		
92	64.2		51.0	76.6
138	86.7		71.2	106.8





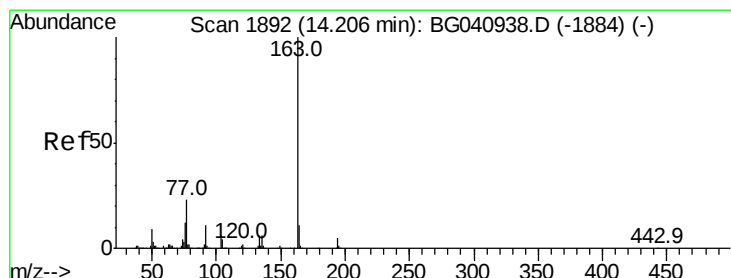
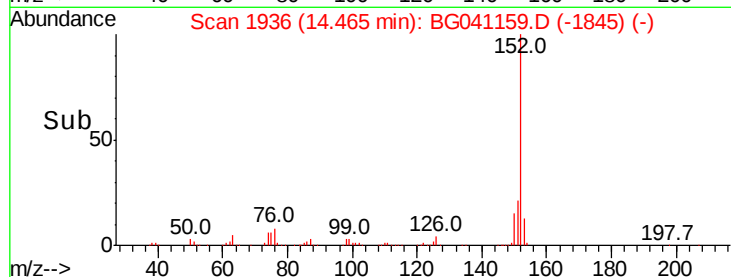
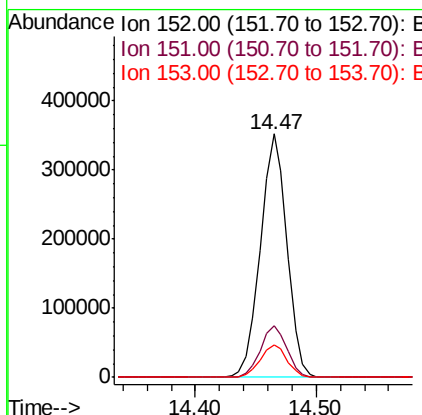
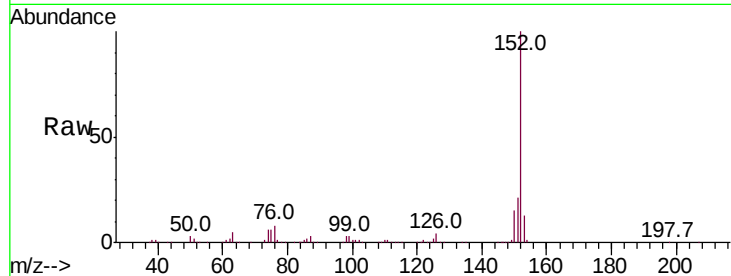
#49
Acenaphthylene
Concen: 45.232 ng
RT: 14.47 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Instrument :
BNA_G
ClientSampleId :
PB120413BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.4	26.0
153	13.4	11.0	16.4

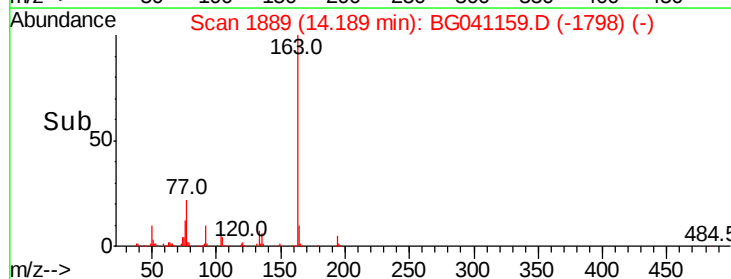
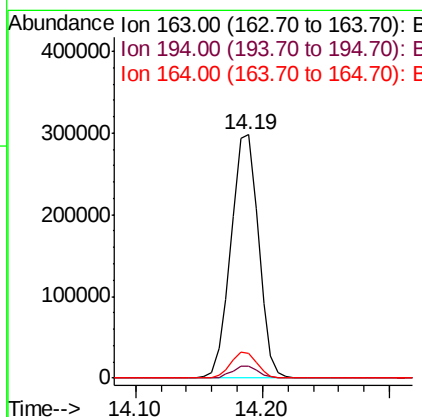
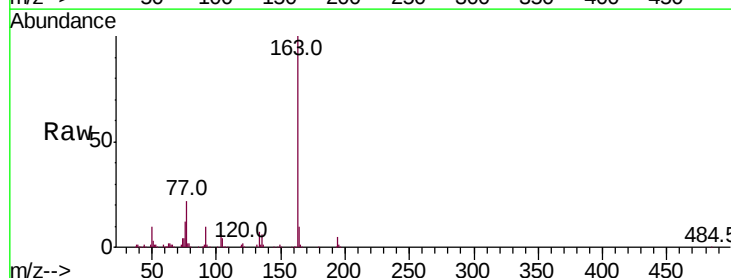
Manual Integrations
APPROVED

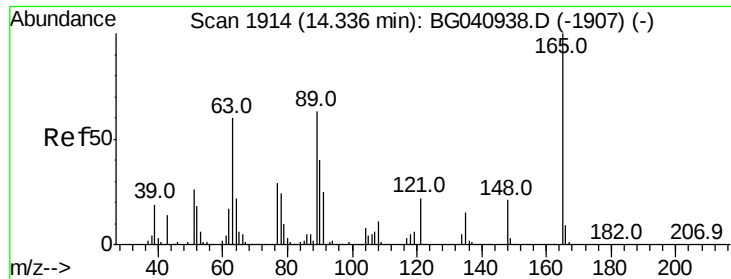
mohammad
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#50
Dimethylphthalate
Concen: 42.671 ng
RT: 14.19 min Scan# 1889
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.8	5.8
164	10.3	8.7	13.1





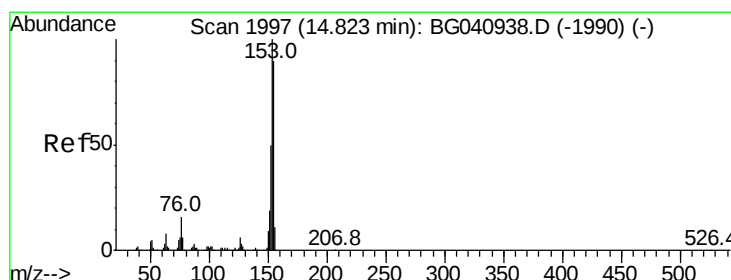
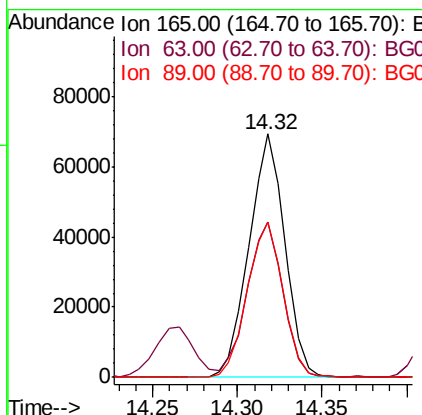
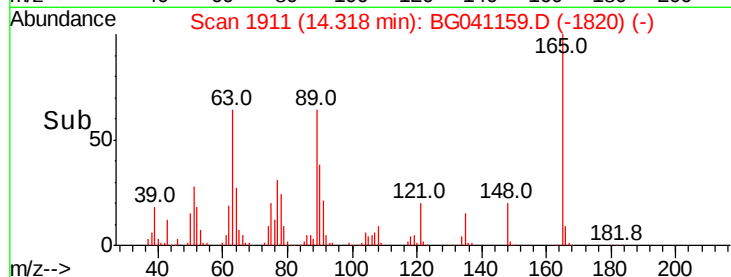
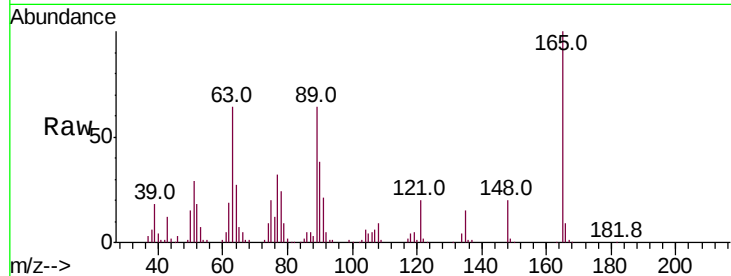
#51
 2,6-Dinitrotoluene
 Concen: 45.232 ng
 RT: 14.32 min Scan# 1911
 Delta R.T. 0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.9	53.6	80.4
89	63.8	50.4	75.6

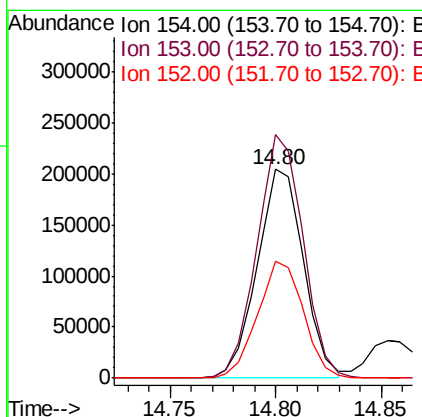
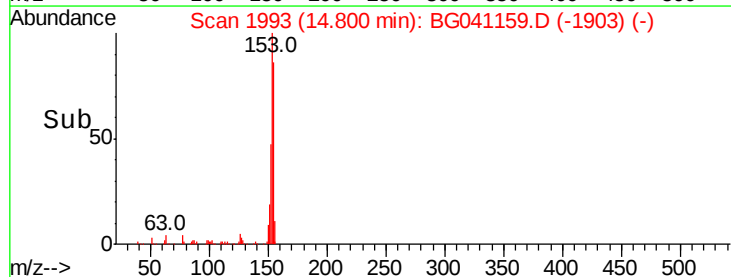
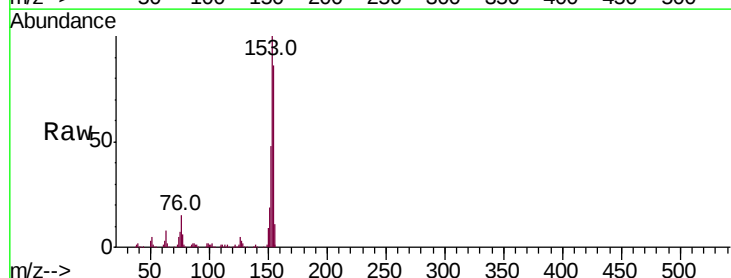
Manual Integrations
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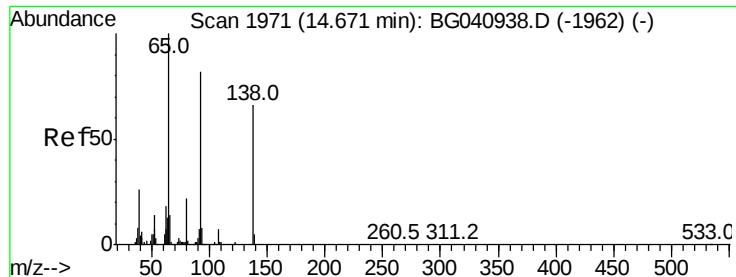
mohammad
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#52
 Acenaphthene
 Concen: 43.397 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. -0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.6	88.6	133.0
152	55.7	44.2	66.4





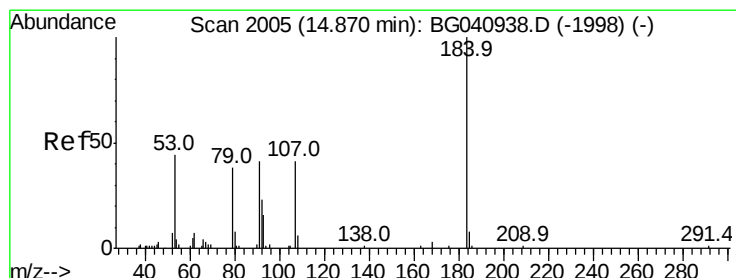
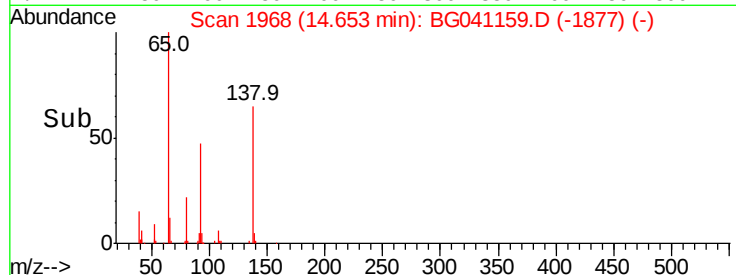
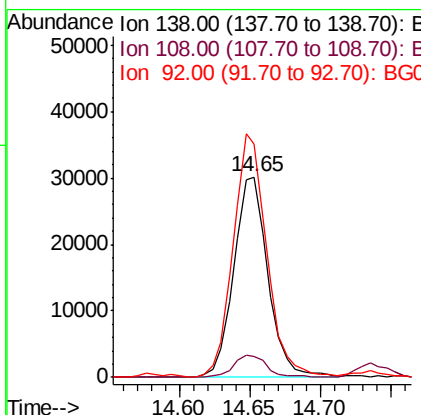
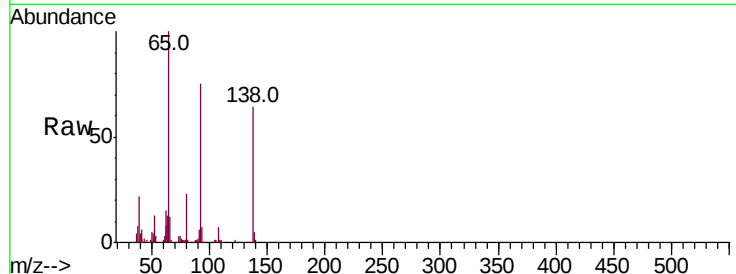
#53
3-Nitroaniline
Concen: 22.531 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Instrument :
BNA_G
ClientSampleId :
PB120413BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.5	12.7
92	116.2	99.0	148.6

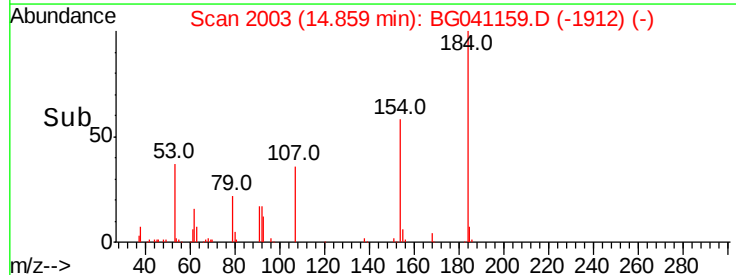
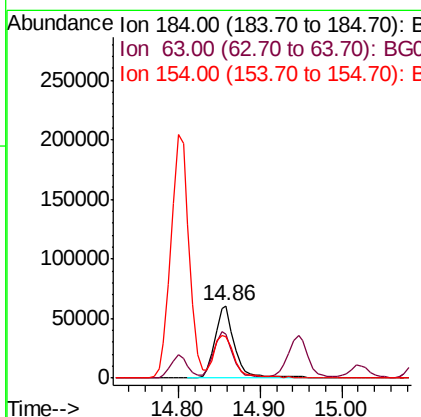
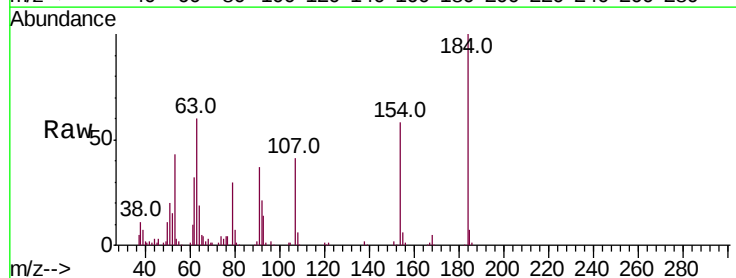
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#54
2,4-Dinitrophenol
Concen: 85.427 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.8	49.8	74.6
154	57.6	52.2	78.4





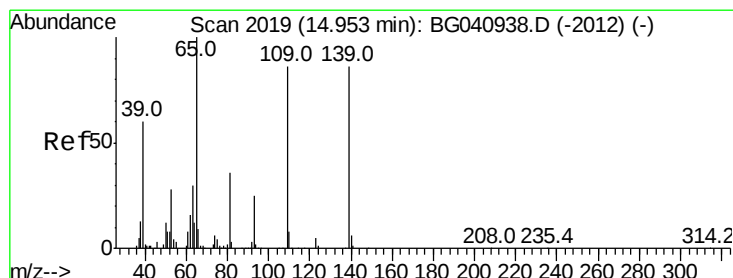
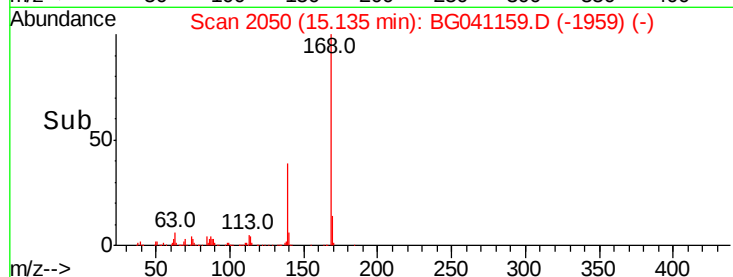
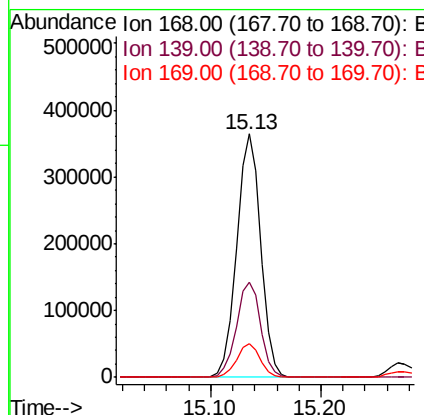
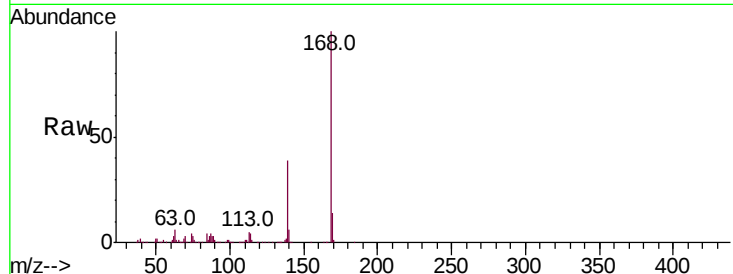
#55
Dibenzenofuran
Concen: 45.884 ng
RT: 15.13 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Instrument :
BNA_G
ClientSampleId :
PB120413BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	553135		
139	39.1		32.8	49.2
169	13.8		11.3	16.9

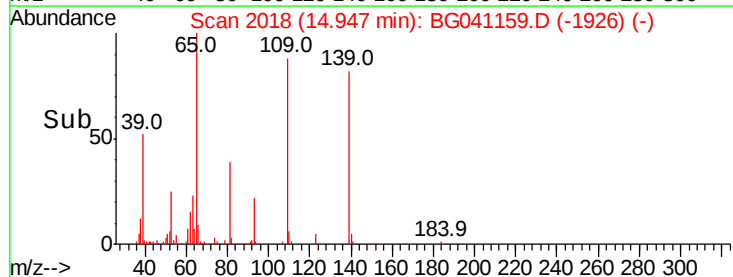
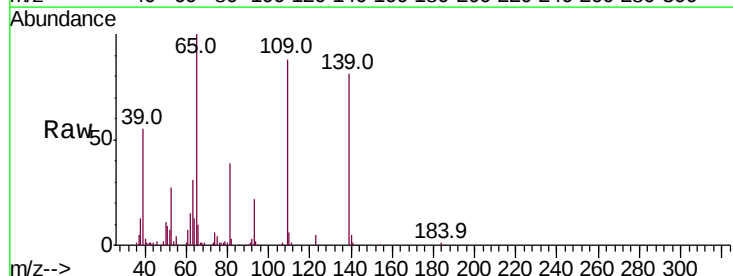
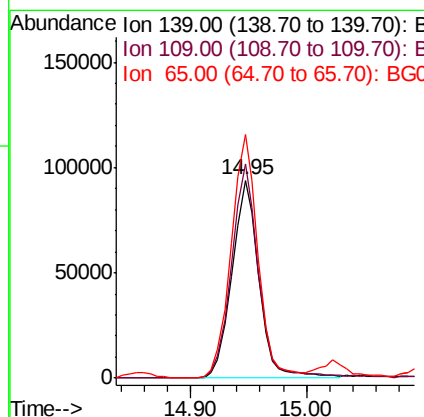
Manual Integrations
APPROVED

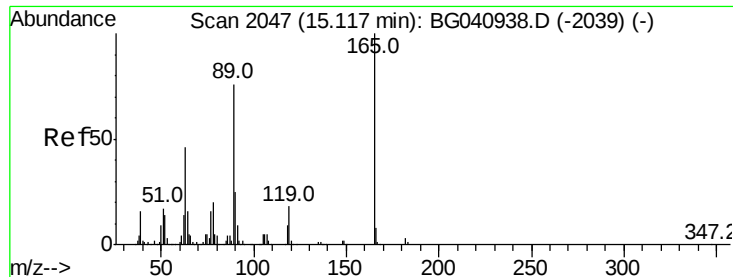
mohammad
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#56
4-Nitrophenol
Concen: 98.201 ng
RT: 14.95 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	152009		
109	108.0		79.6	119.6
65	123.1		96.9	136.9





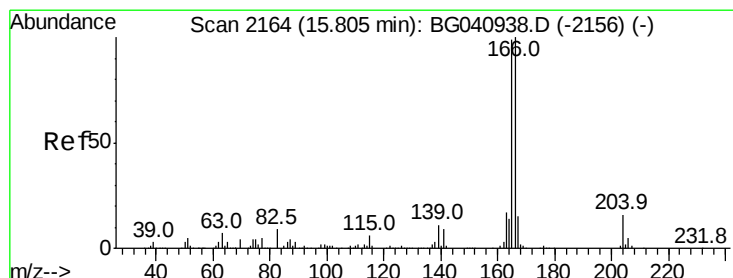
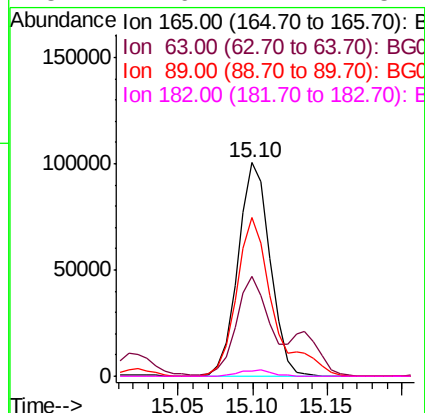
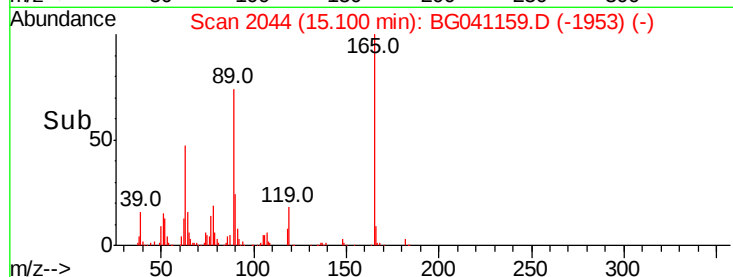
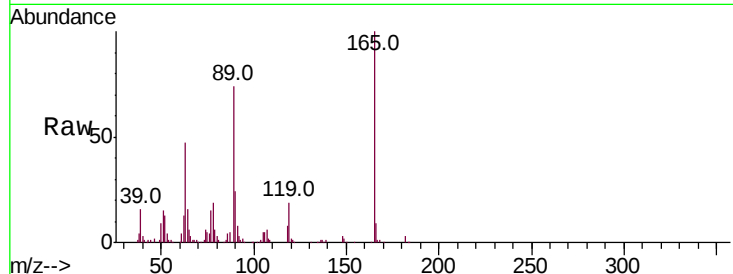
#57
2,4-Dinitrotoluene
Concen: 47.058 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Instrument :
BNA_G
ClientSampleId :
PB120413BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.0		37.3	55.9
89	74.1		61.0	91.6
182	2.6		2.2	3.2

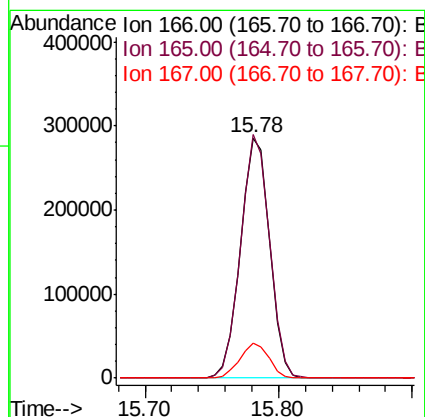
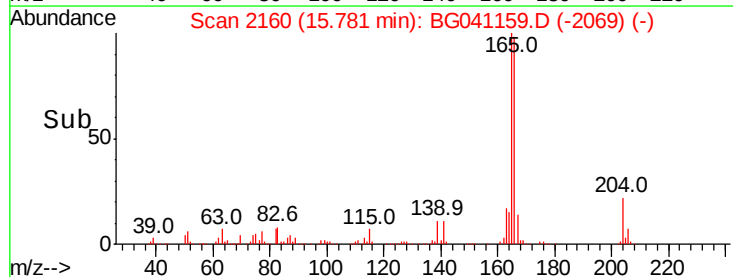
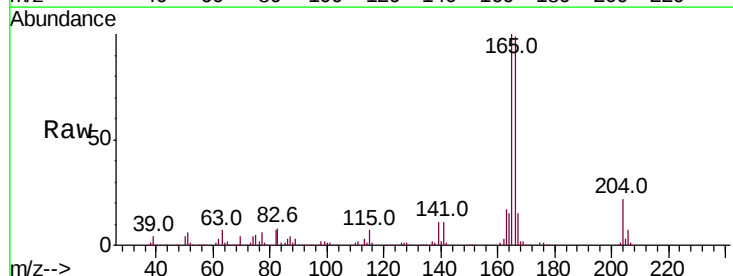
Manual Integrations
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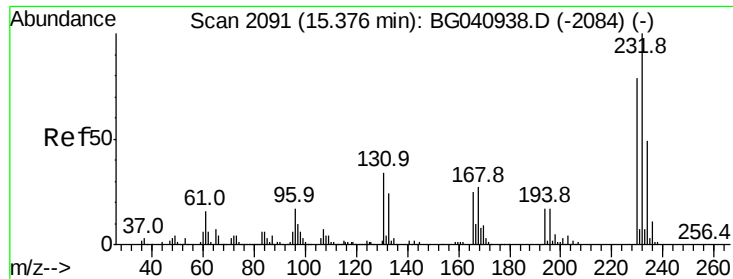
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#58
Fluorene
Concen: 44.819 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.5		79.2	118.8
167	14.7		11.8	17.6





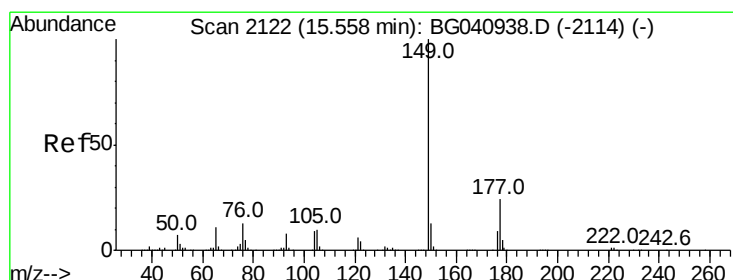
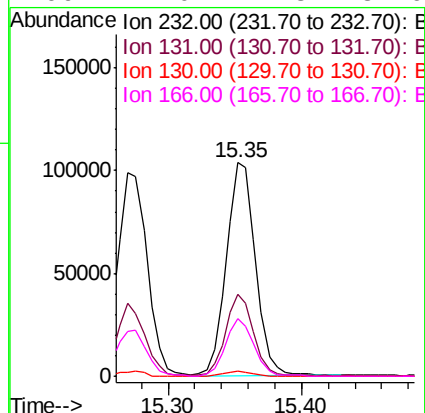
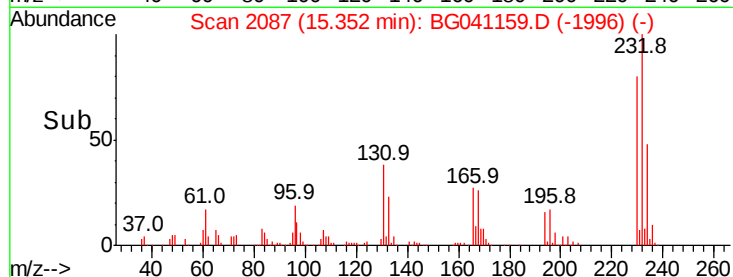
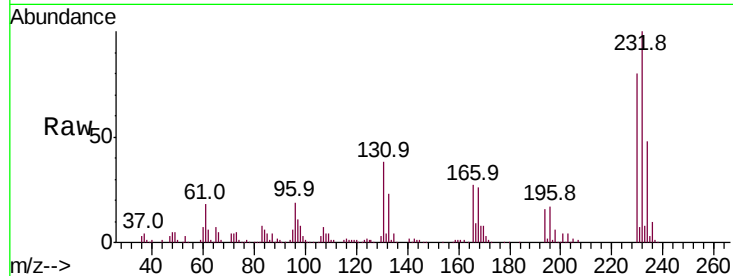
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.361 ng
 RT: 15.35 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	158262		
131	36.9	30.3	45.5	
130	2.4	1.8	2.8	
166	27.0	21.3	31.9	

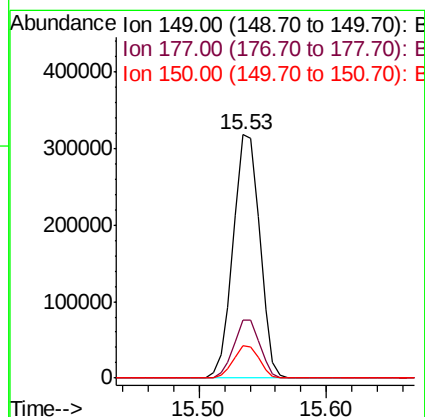
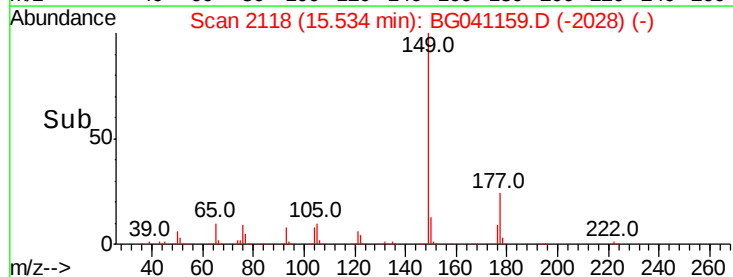
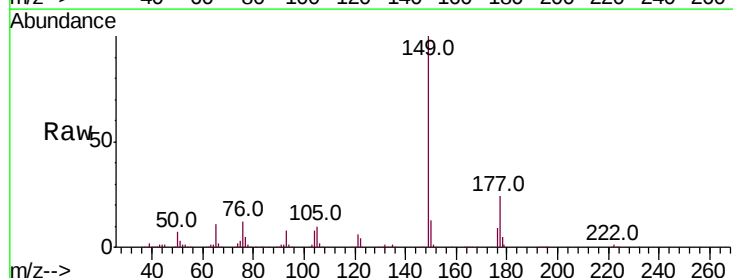
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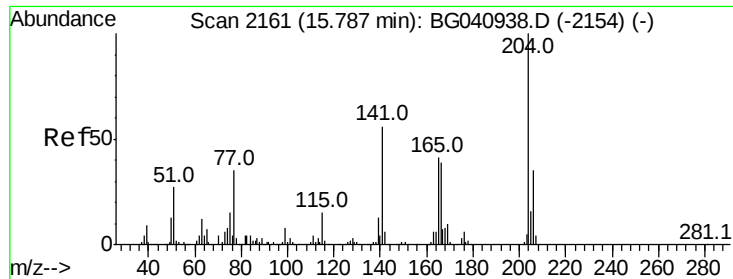
mohammad
 6/14/2019 8:39:48 AM



#60
 Diethylphthalate
 Concen: 43.044 ng
 RT: 15.53 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	459803		
177	23.7	19.4	29.0	
150	13.3	10.3	15.5	





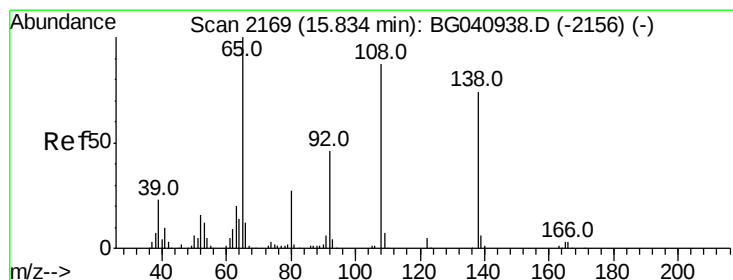
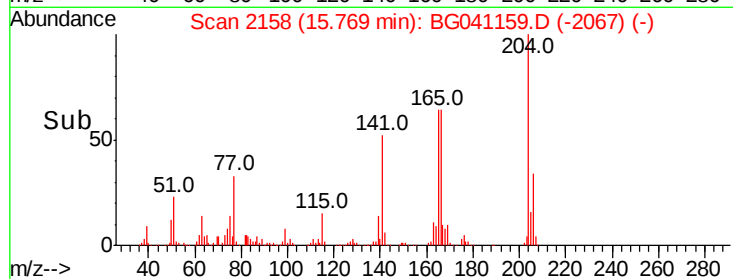
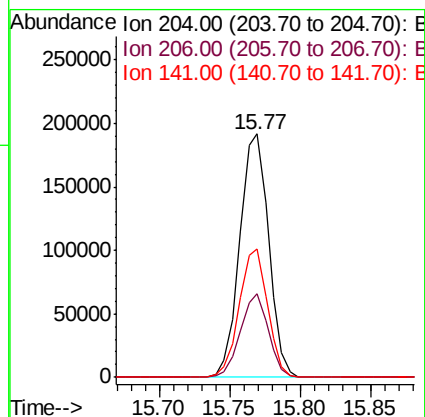
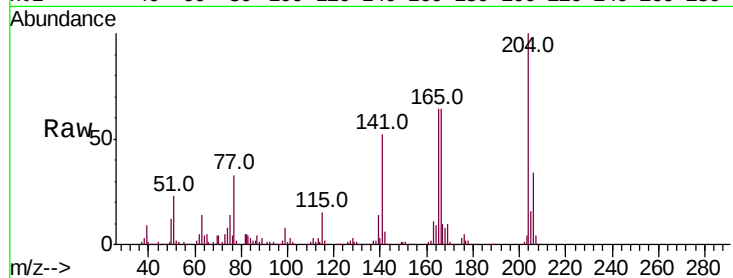
#61
4-Chlorophenyl-phenylether
Concen: 43.876 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Instrument :
BNA_G
ClientSampleId :
PB120413BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	27.6	41.4
141	52.5	45.1	67.7

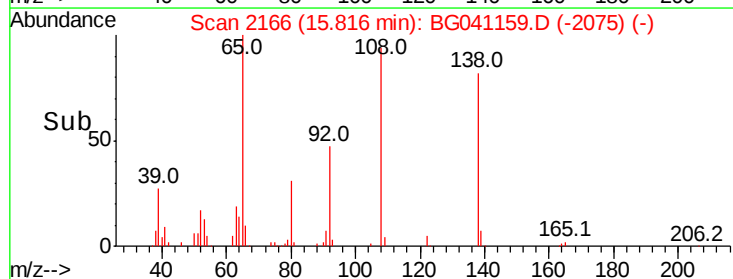
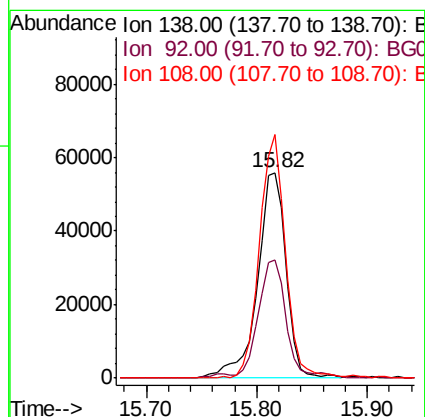
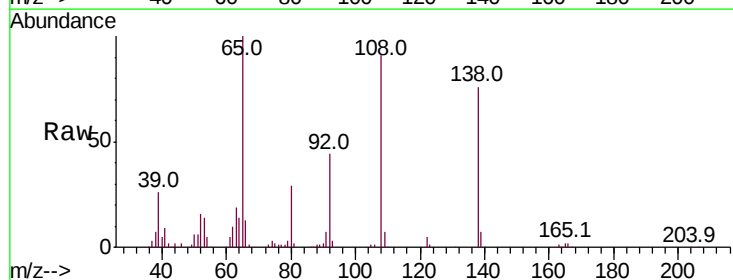
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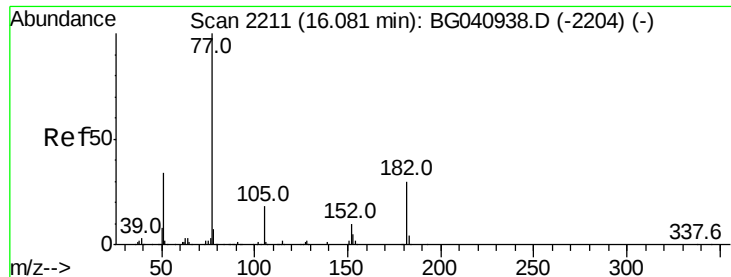
mohammad
6/14/2019 8:39:48 AM



#62
4-Nitroaniline
Concen: 42.487 ng
RT: 15.82 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.8	42.4	82.4
108	118.6	96.9	136.9





#63

Azobenzene

Concen: 44.248 ng

RT: 16.06 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

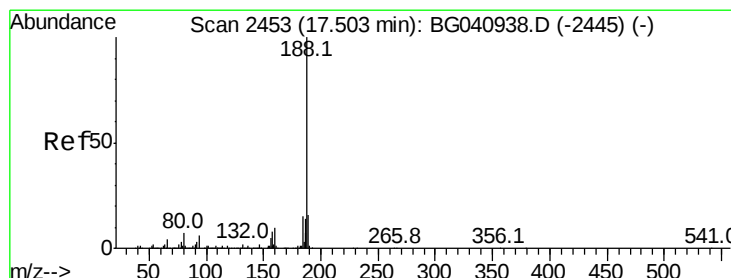
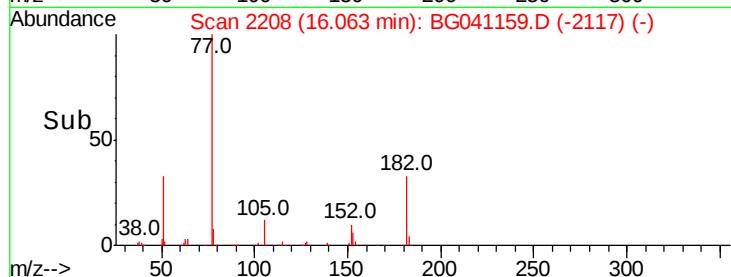
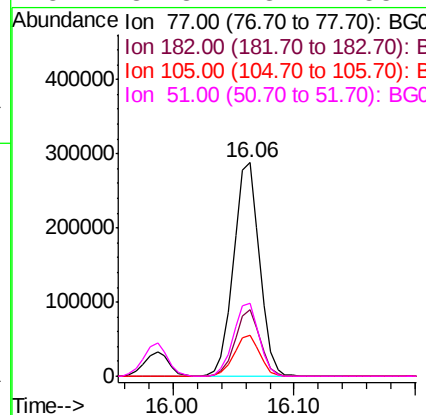
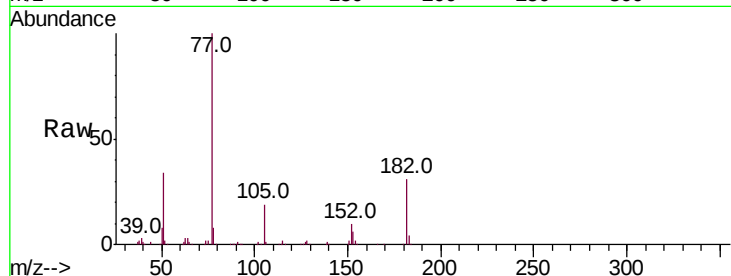
ClientSampleId :

PB120413BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	31.4	9.6	49.6		
105	19.4	0.0	37.5		
51	34.3	13.7	53.7		

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#64

Phenanthrene-d10

Concen: 20.000 ng

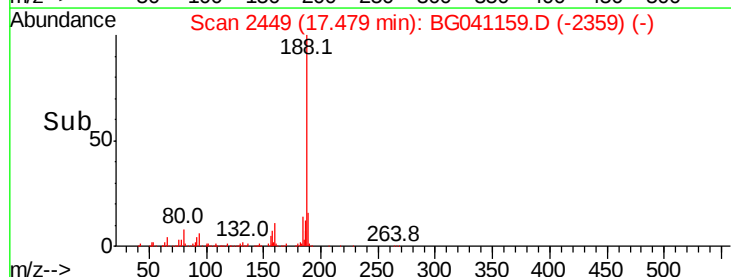
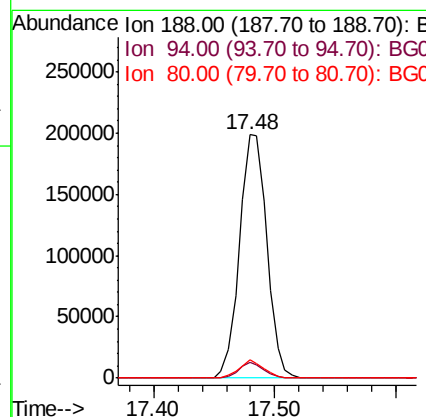
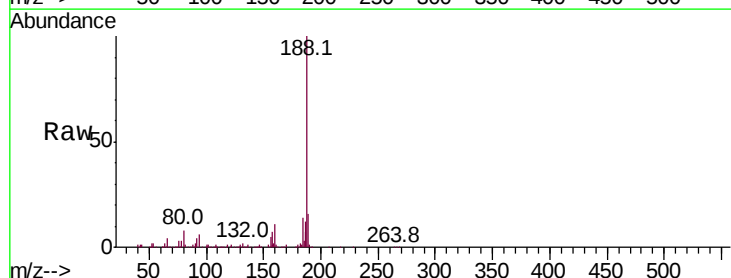
RT: 17.48 min Scan# 2449

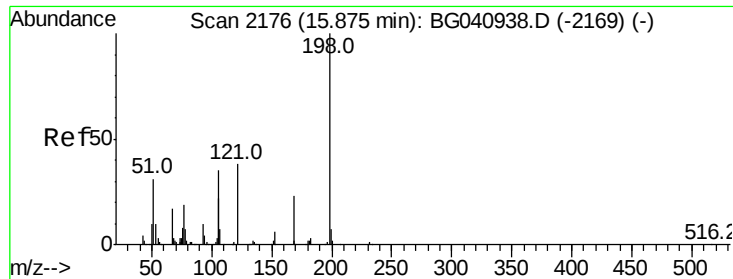
Delta R.T. -0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	6.4	4.7	7.1		
80	7.8	5.8	8.8		





#65

4,6-Dinitro-2-methylphenol

Concen: 48.439 ng

RT: 15.86 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

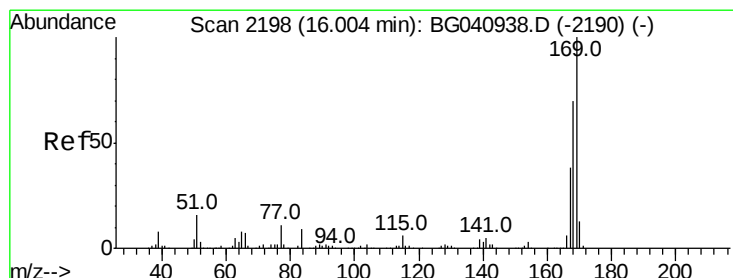
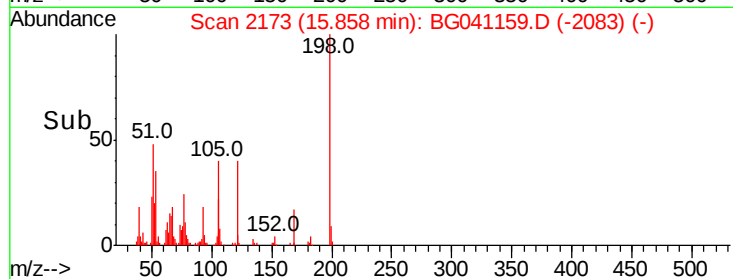
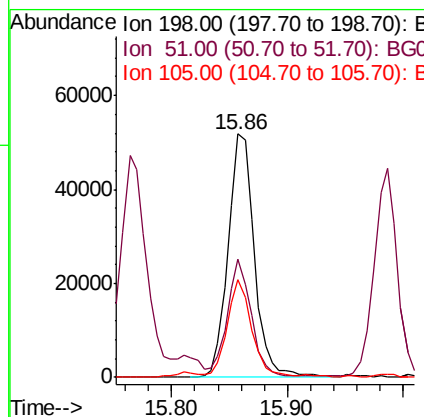
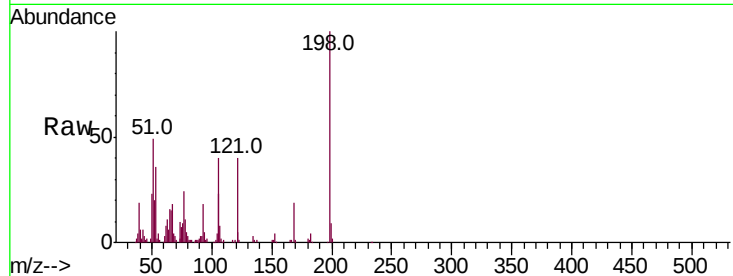
ClientSampleId :

PB120413BSD

Tot Ion:	198	Resp:	81891
Ion Ratio	Lower	Upper	
198	100		
51	48.5	21.6	61.6
105	40.2	17.5	57.5

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#66

n-Nitrosodiphenylamine

Concen: 44.904 ng

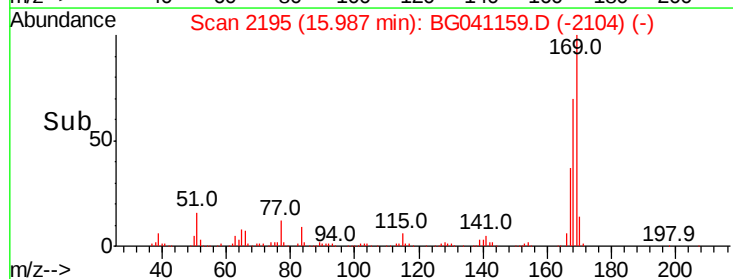
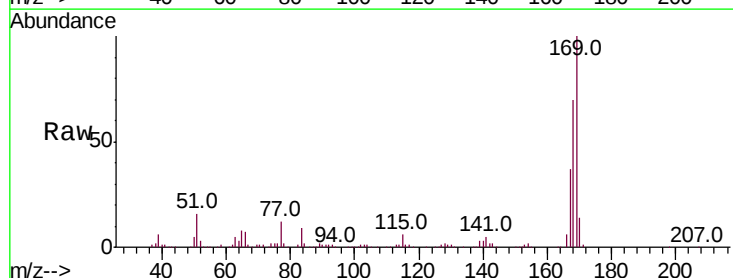
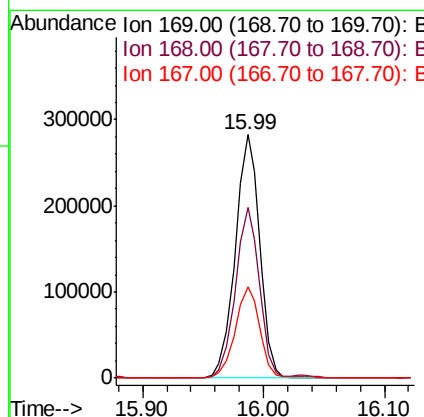
RT: 15.99 min Scan# 2195

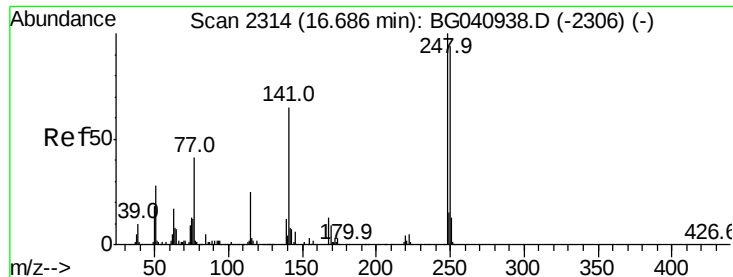
Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Tgt Ion:	169	Resp:	397467
Ion Ratio	Lower	Upper	
169	100		
168	69.9	55.7	83.5
167	37.4	30.2	45.2





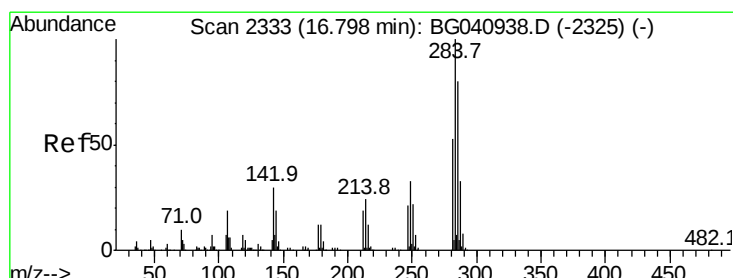
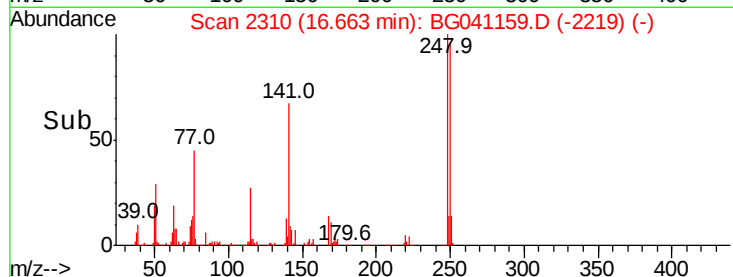
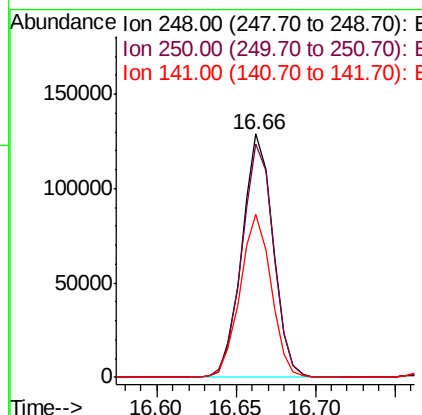
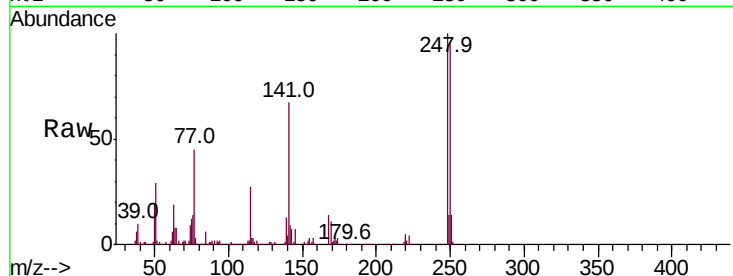
#67
4-Bromophenyl-phenylether
Concen: 41.278 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Instrument :
BNA_G
ClientSampleId :
PB120413BSD

Tot Ion	Ratio	Resp	Lower	Upper
248	100	175403		
250	95.7	75.0	112.4	
141	66.9	52.4	78.6	

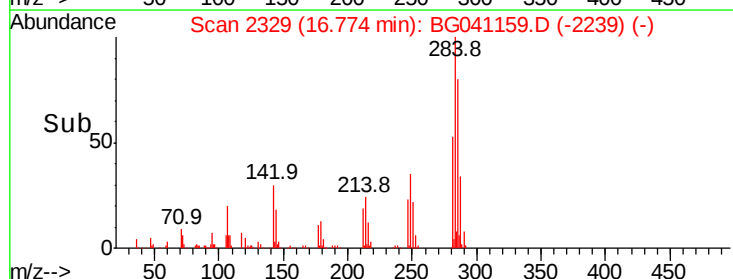
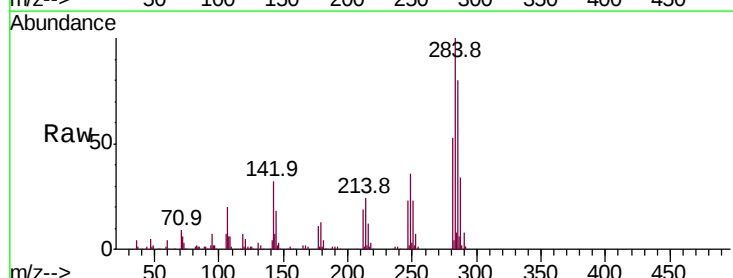
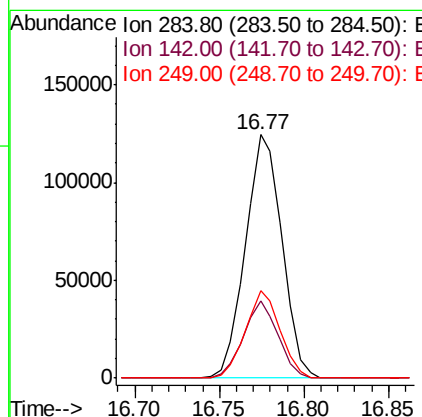
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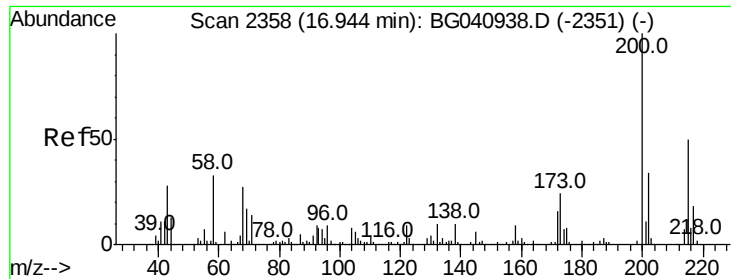
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#68
Hexachlorobenzene
Concen: 41.303 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	186891		
142	31.5	23.9	35.9	
249	35.7	26.8	40.2	





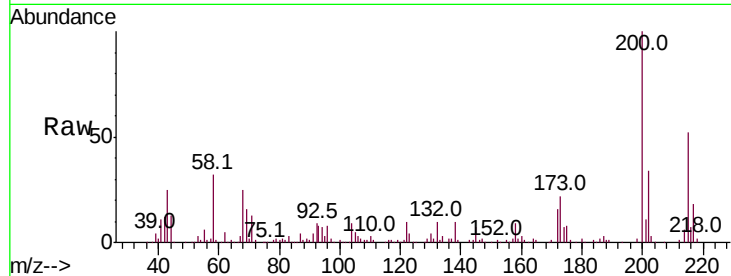
#69
Atrazine
Concen: 49.565 ng
RT: 16.93 min Scan# 2355
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Instrument :
BNA_G
ClientSampleId :
PB120413BSD

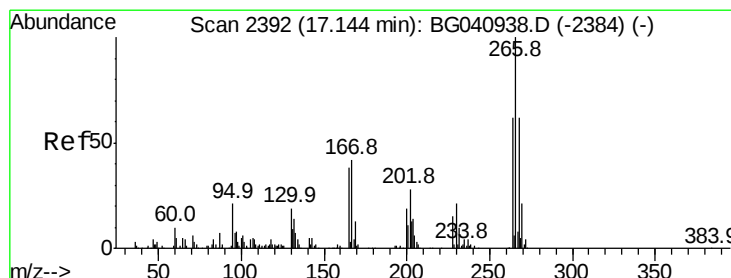
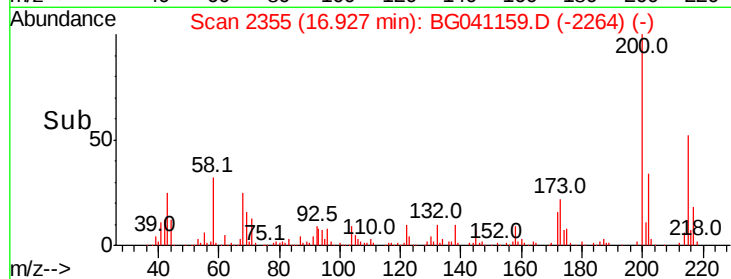
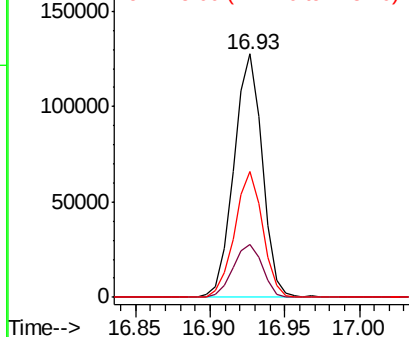
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	21.9	3.6	43.6
215	51.6	29.6	69.6

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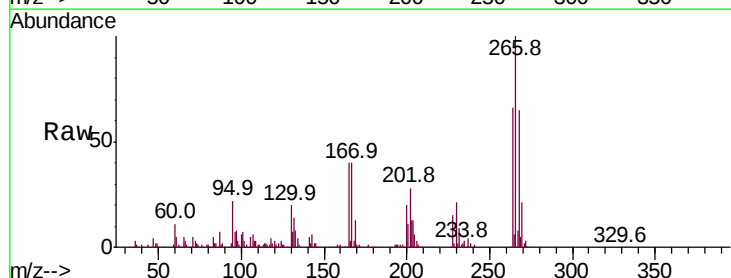


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

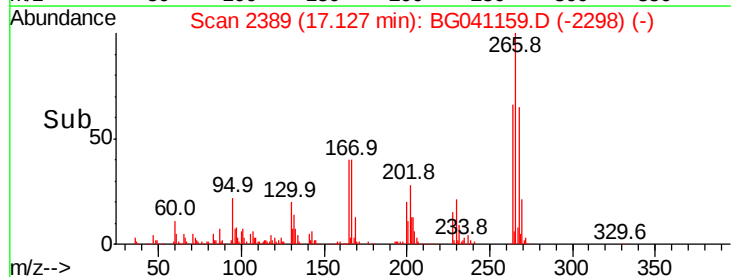
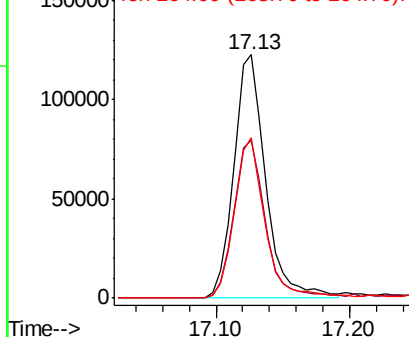


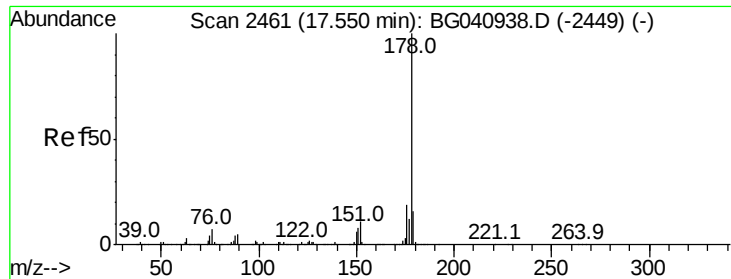
#70
Pentachlorophenol
Concen: 83.668 ng
RT: 17.13 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.6	53.1	79.7
264	65.9	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





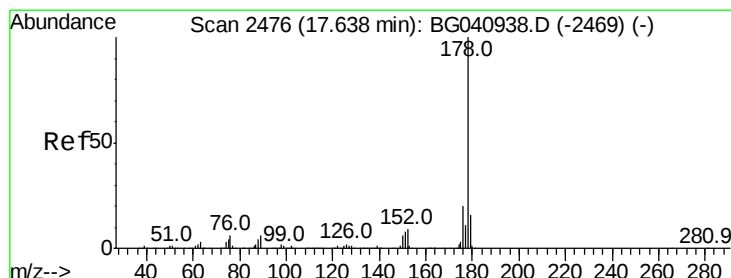
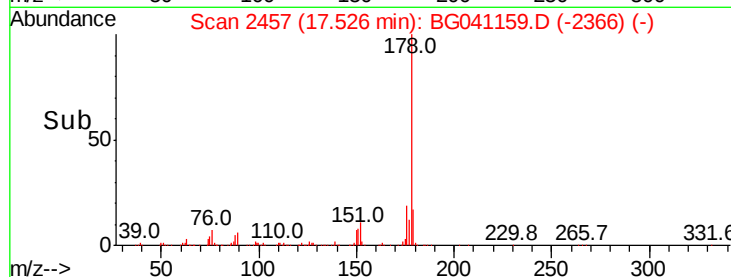
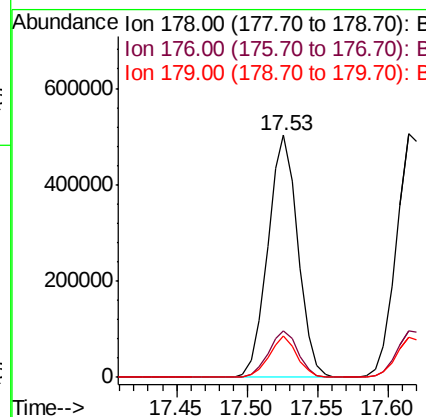
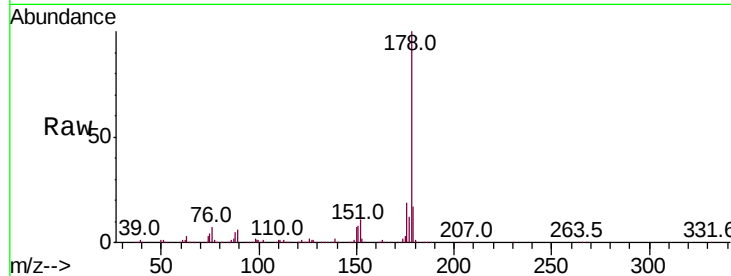
#71
 Phenanthrene
 Concen: 45.639 ng
 RT: 17.53 min Scan# 2457
 Delta R.T. 0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	17.0	12.7	19.1

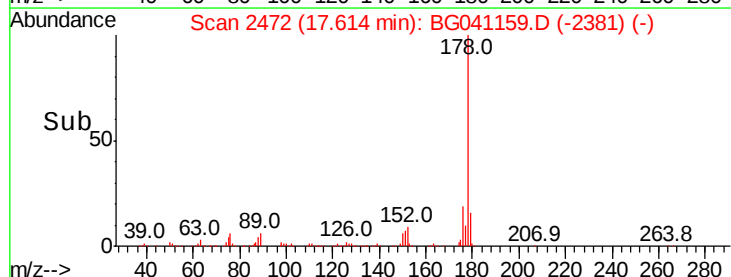
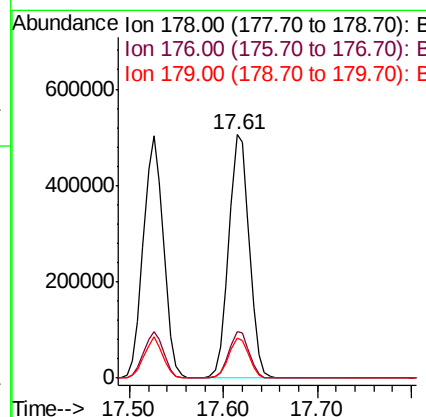
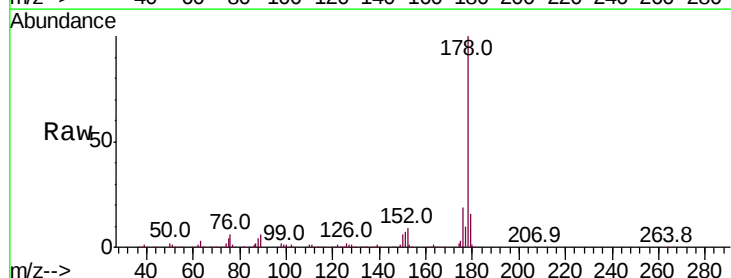
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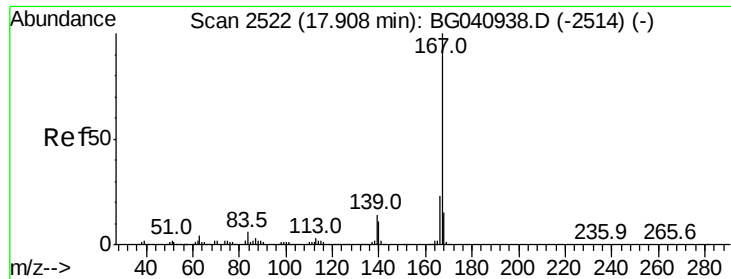
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#72
 Anthracene
 Concen: 47.426 ng
 RT: 17.61 min Scan# 2472
 Delta R.T. 0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	16.4	13.0	19.4





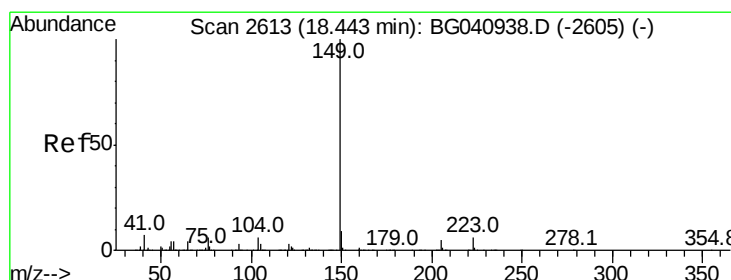
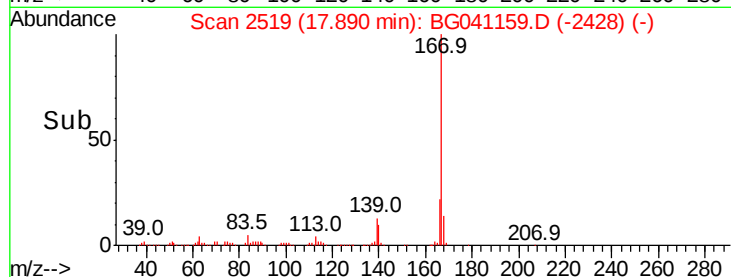
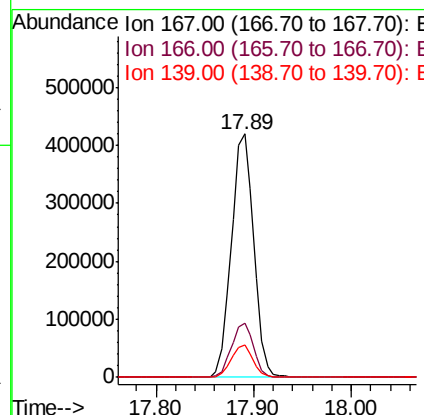
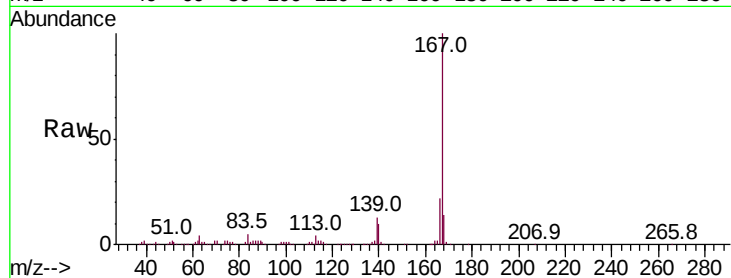
#73
 Carbazole
 Concen: 48.061 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.4
139	13.1	10.8	16.2

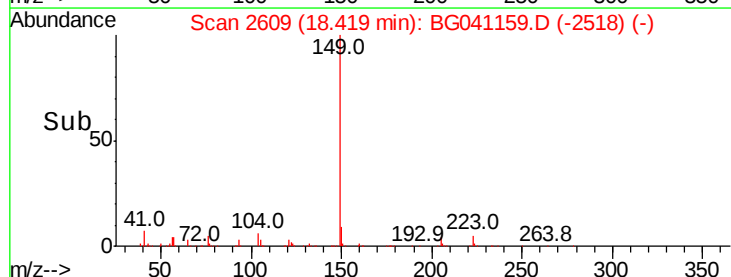
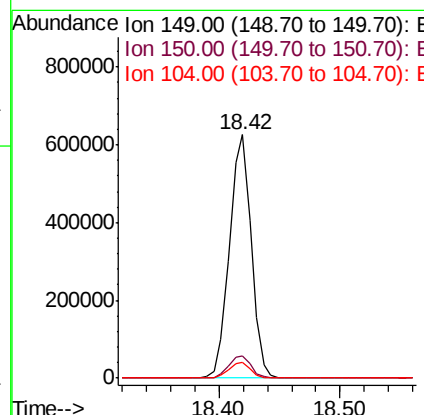
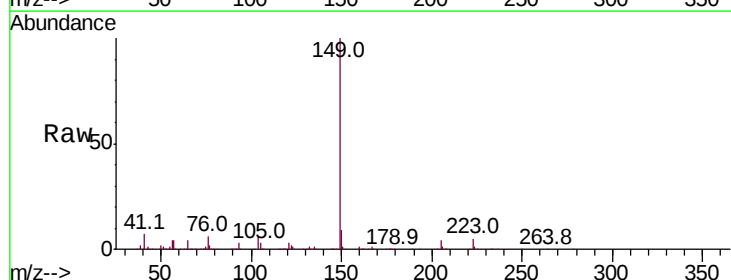
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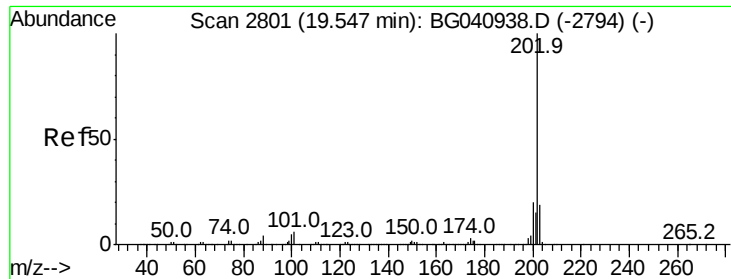
mohammad
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#74
 Di-n-butylphthalate
 Concen: 45.255 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG041159.D
 Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	6.2	5.0	7.4





#75

Fluoranthene

Concen: 48.560 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

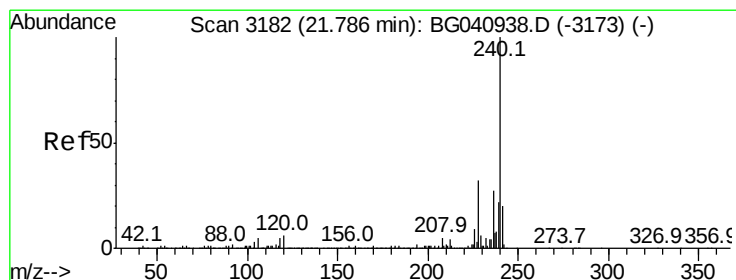
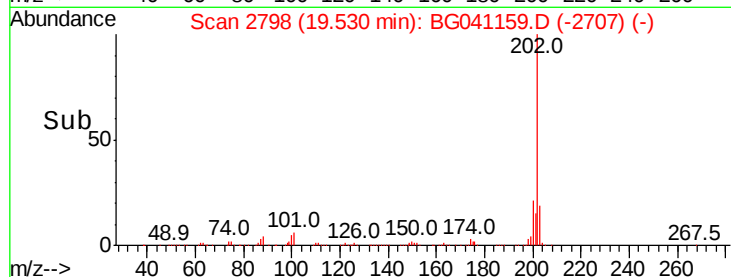
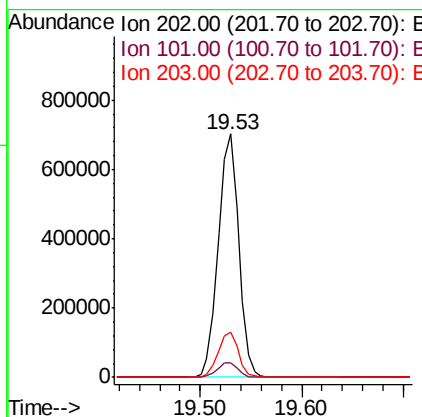
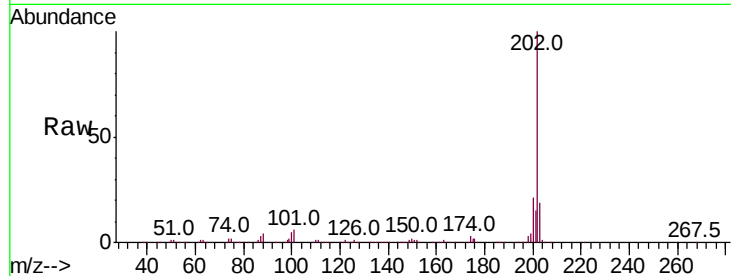
ClientSampleId :

PB120413BSD

Tot Ion:	202	Resp:	983742
Ion Ratio	Lower	Upper	
202	100		
101	6.0	0.0	26.2
203	18.8	0.0	38.7

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

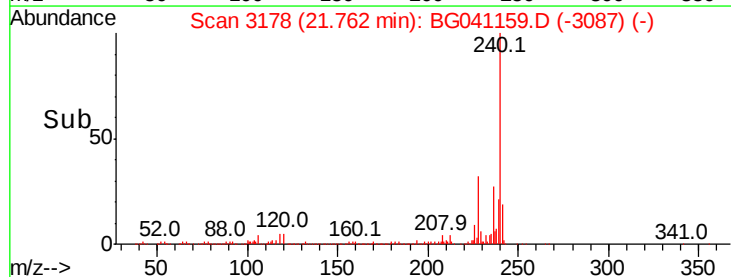
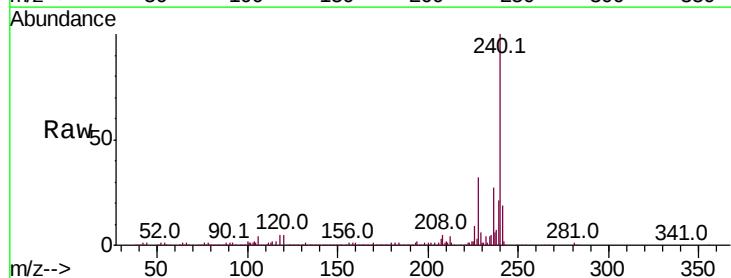
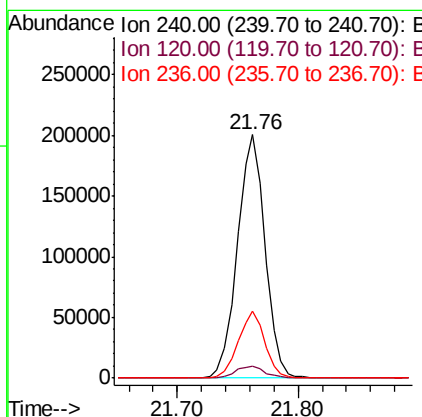
RT: 21.76 min Scan# 3178

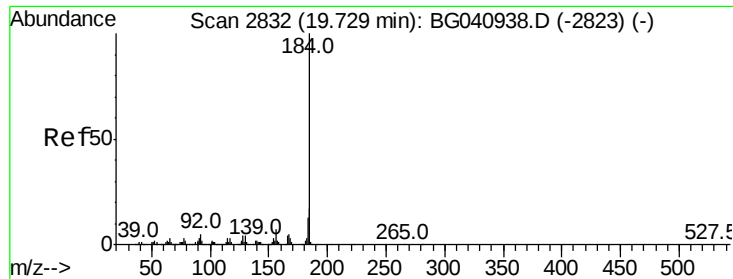
Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Tgt Ion:	240	Resp:	319512
Ion Ratio	Lower	Upper	
240	100		
120	5.1	4.5	6.7
236	27.4	21.3	31.9





#77

Benzidine

Concen: 19.347 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

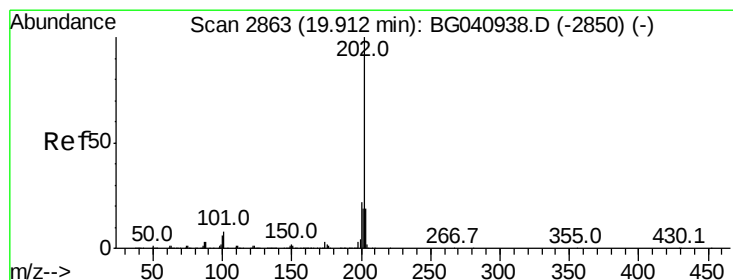
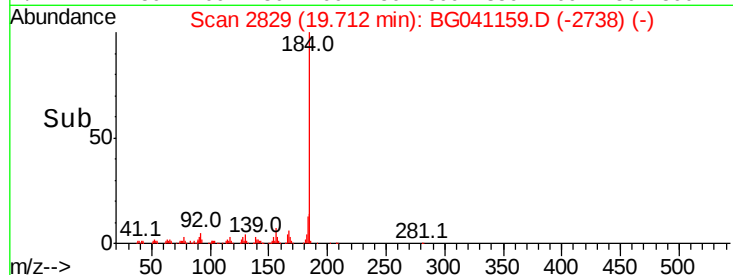
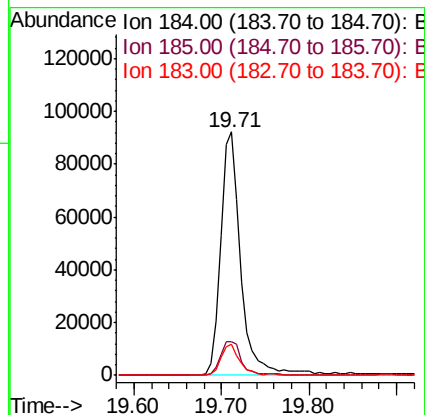
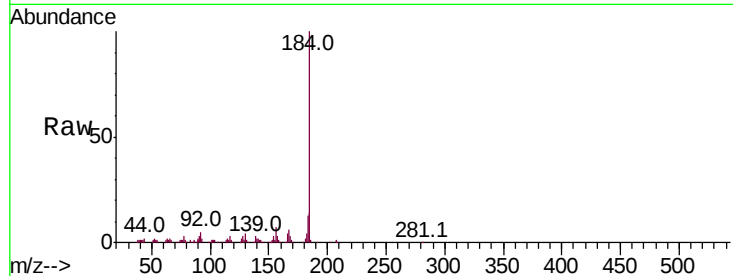
ClientSampleId :

PB120413BSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.9	13.3	19.9
183	12.9	10.7	16.1

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#78

Pyrene

Concen: 47.292 ng

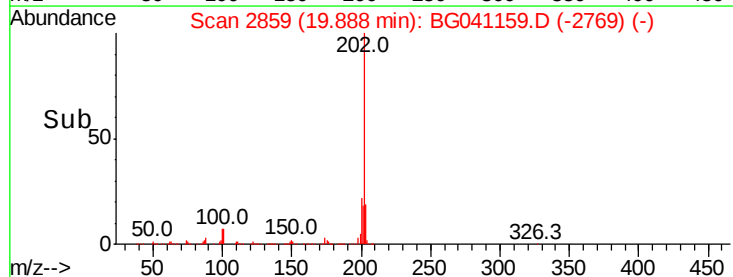
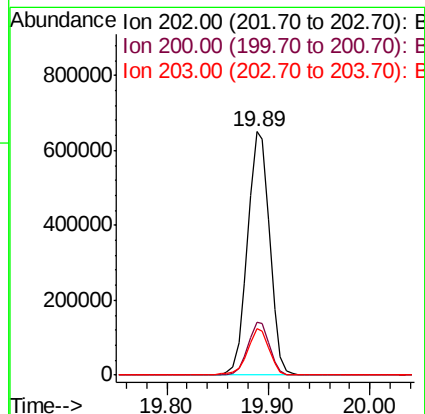
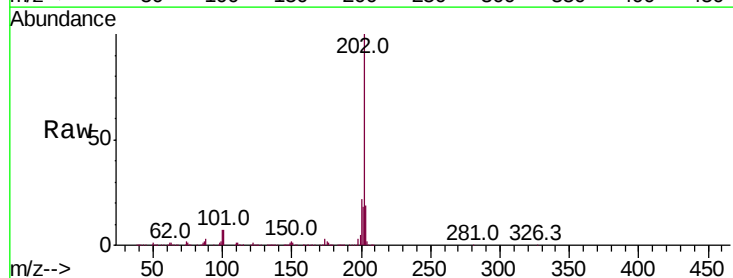
RT: 19.89 min Scan# 2859

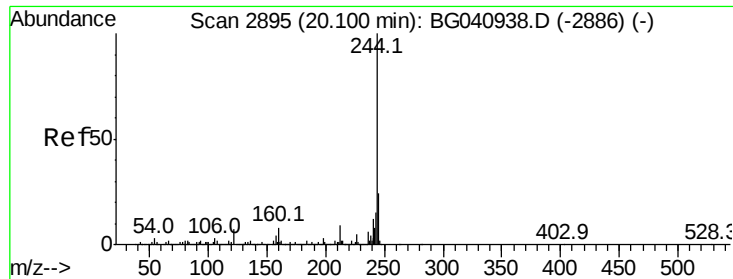
Delta R.T. -0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.5	26.3
203	18.9	15.6	23.4





#79

Terphenyl-d14

Concen: 97.230 ng

RT: 20.08 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

ClientSampled :

PB120413BSD

Tot Ion:244 Resp: 1463765

Ion Ratio Lower Upper

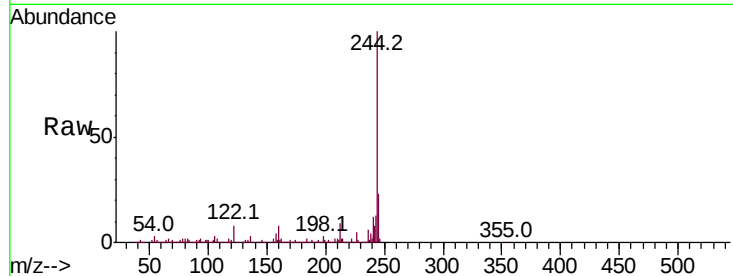
244 100

212 8.9 7.0 10.4

122 7.7 5.4 8.0

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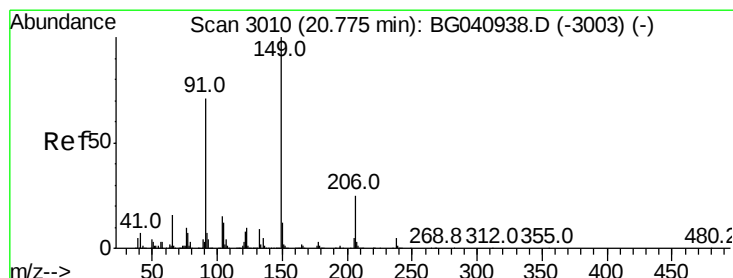
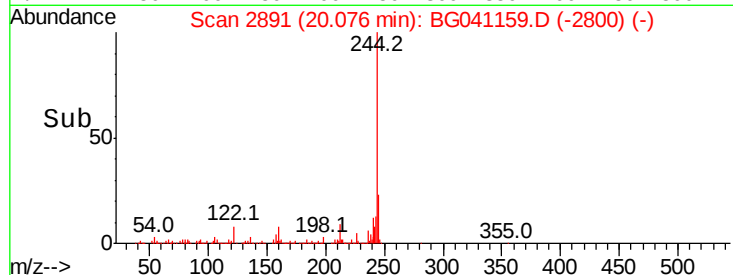
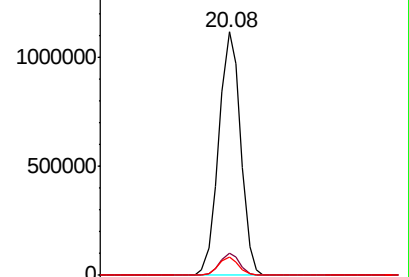
mohammad
6/14/2019 8:39:48 AM



Abundance Ion 244.00 (243.70 to 244.70): E

1500000 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.568 ng

RT: 20.75 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

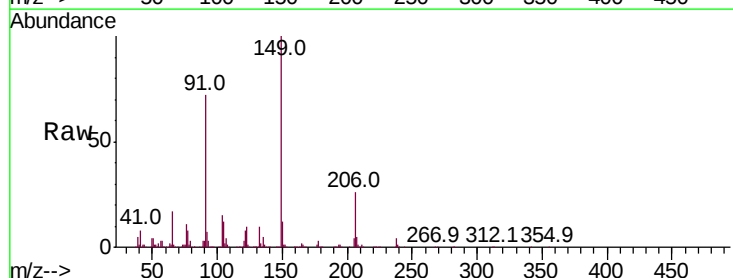
Tgt Ion:149 Resp: 368326

Ion Ratio Lower Upper

149 100

91 72.3 56.5 84.7

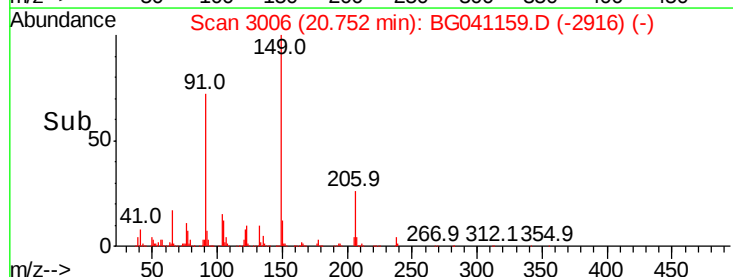
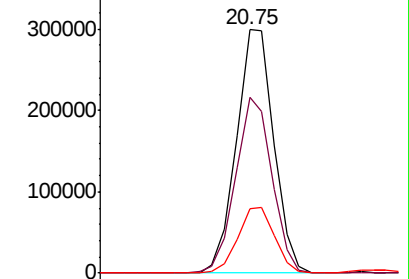
206 26.3 20.3 30.5

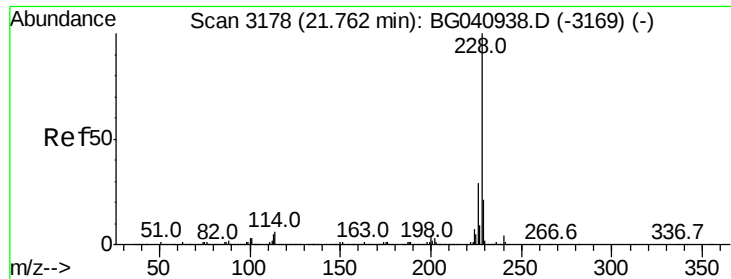


Abundance Ion 149.00 (148.70 to 149.70): E

400000 Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.189 ng

RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

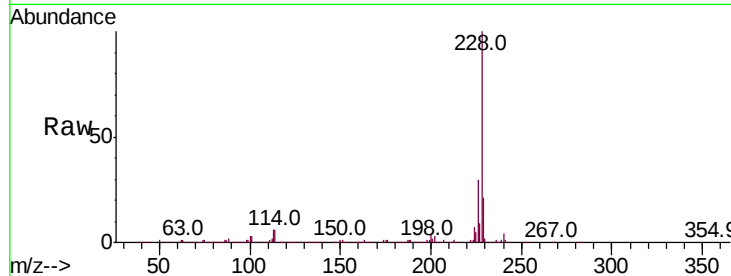
ClientSampleId :

PB120413BSD

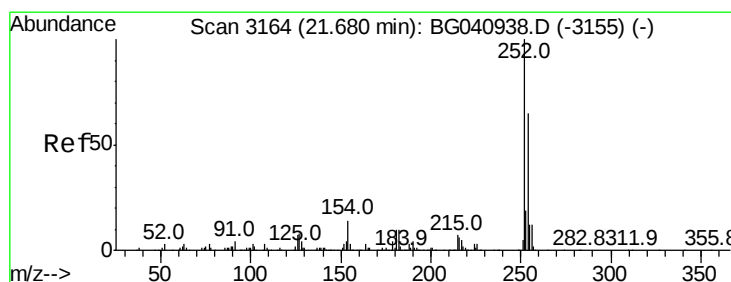
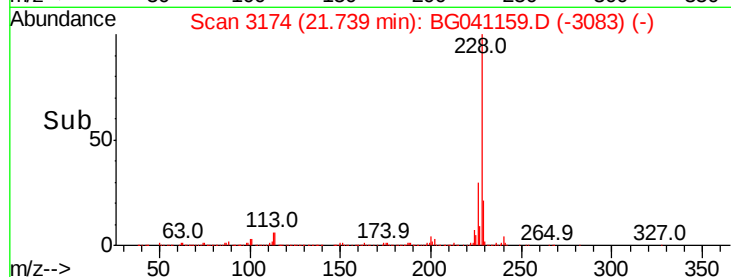
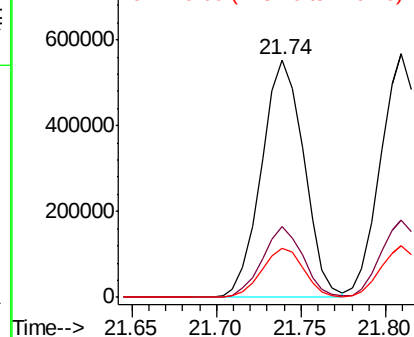
Tot Ion:	228	Resp:	961114
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.5	35.3
229	20.9	16.7	25.1

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



#82

3,3'-Dichlorobenzidine

Concen: 20.518 ng

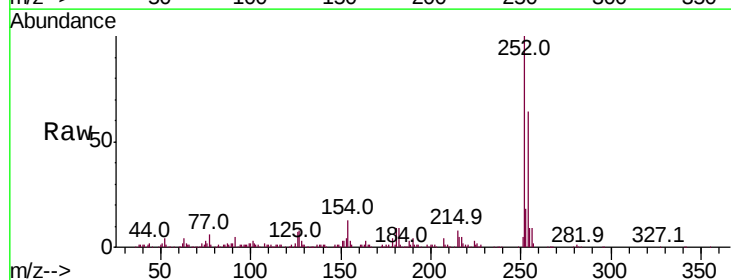
RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

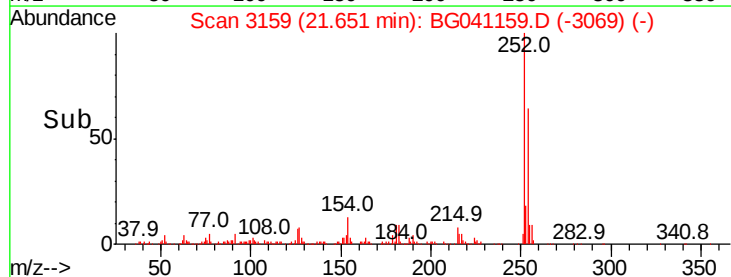
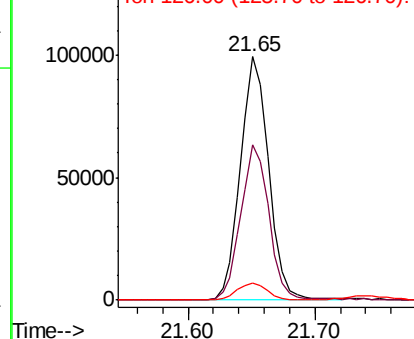
Lab File: BG041159.D

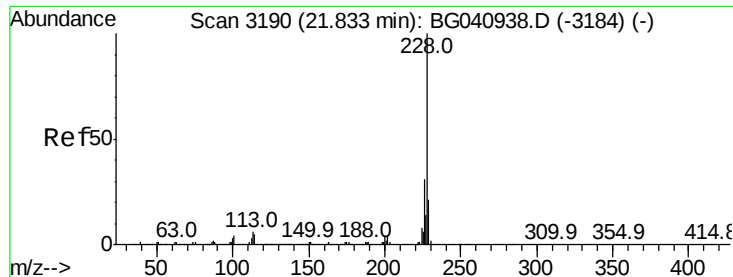
Acq: 10 Jun 2019 11:02

Tgt Ion:	252	Resp:	153491
Ion Ratio	Lower	Upper	
252	100		
254	63.8	52.1	78.1
126	7.2	5.5	8.3



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





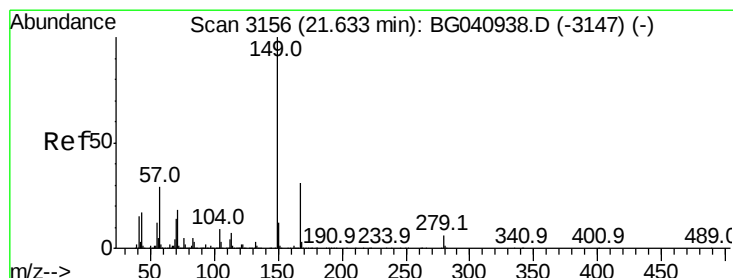
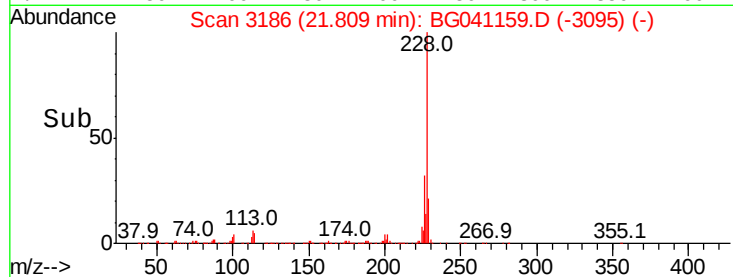
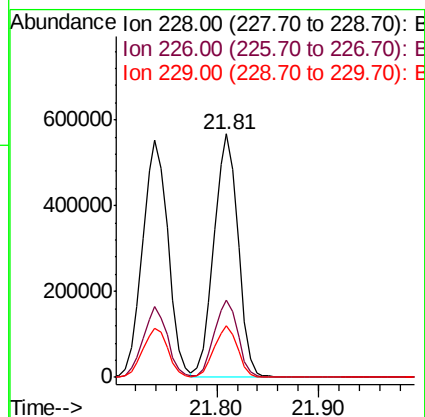
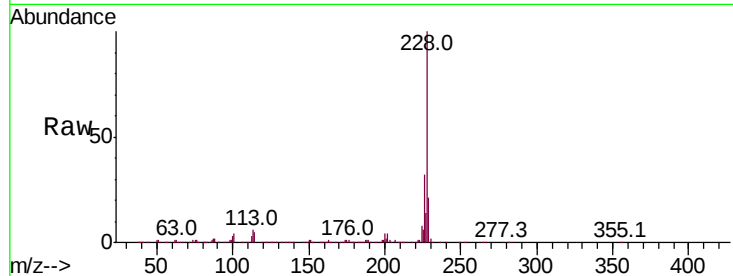
#83
Chrysene
Concen: 45.889 ng
RT: 21.81 min Scan# 3186
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Instrument :
BNA_G
ClientSampleId :
PB120413BSD

Tot Ion:	228	Resp:	933997
Ion Ratio	Lower	Upper	
228	100		
226	31.8	24.6	37.0
229	21.0	16.6	24.8

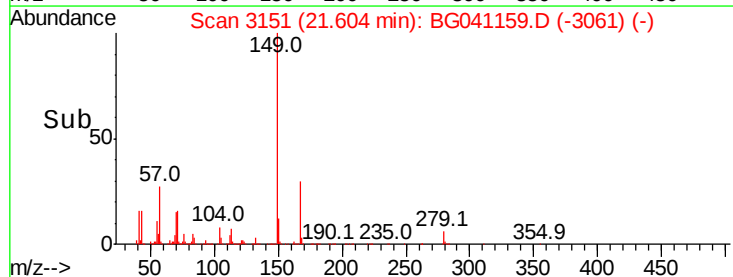
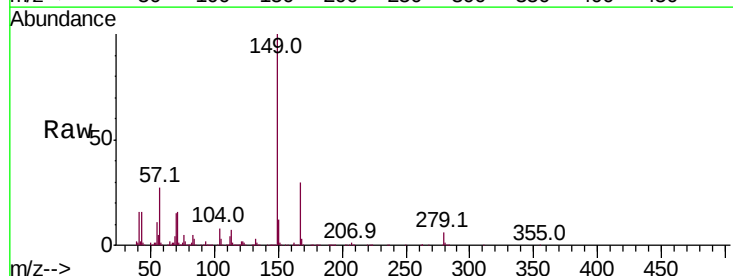
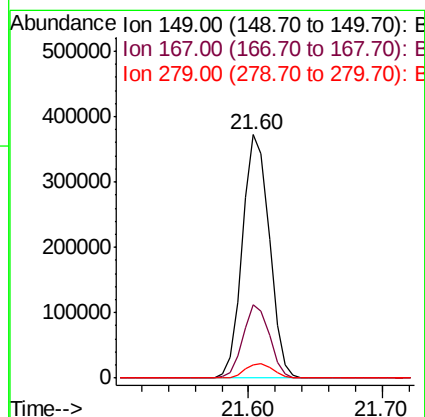
Manual Integrations
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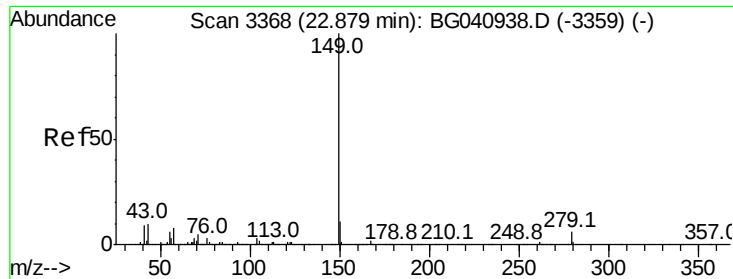
mohammad
6/14/2019 8:39:48 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.495 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion:	149	Resp:	517668
Ion Ratio	Lower	Upper	
149	100		
167	30.4	24.6	37.0
279	5.5	5.0	7.6





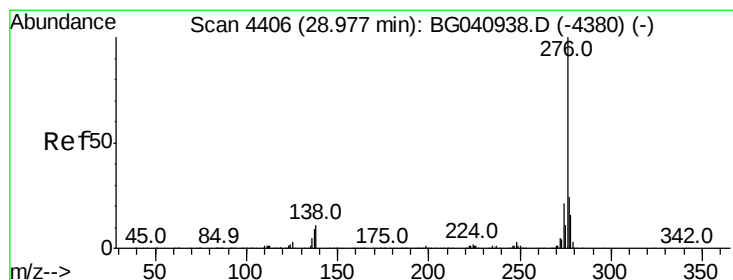
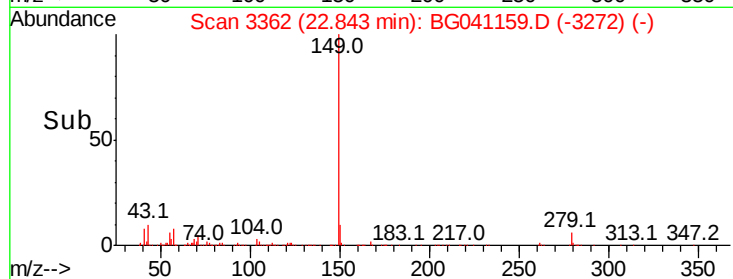
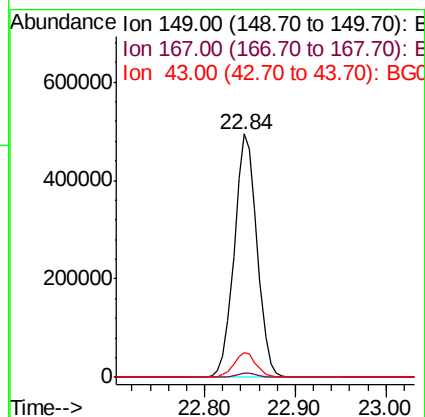
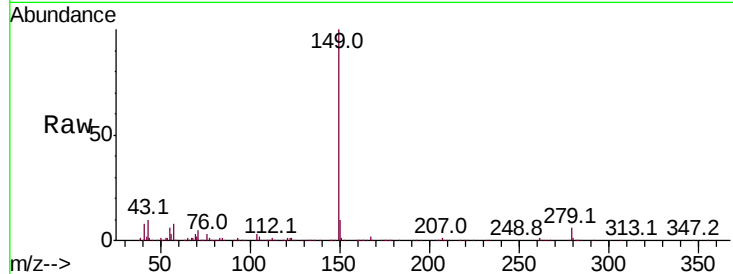
#85
Di-n-octyl phthalate
Concen: 45.497 ng
RT: 22.84 min Scan# 3362
Delta R.T. -0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Instrument :
BNA_G
ClientSampleId :
PB120413BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	862179		
167	1.8		1.4	2.0
43	9.9		8.1	12.1

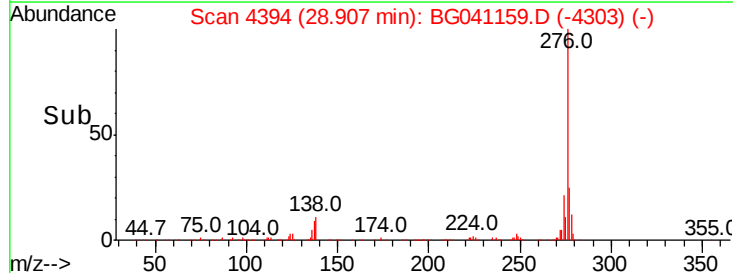
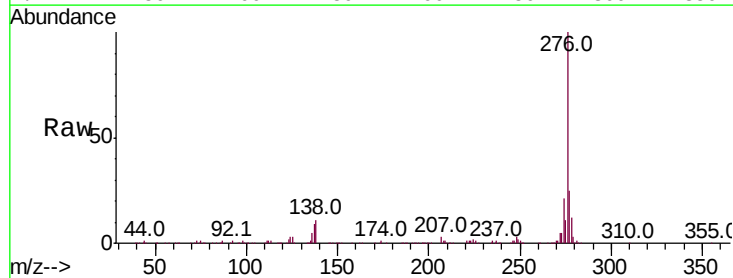
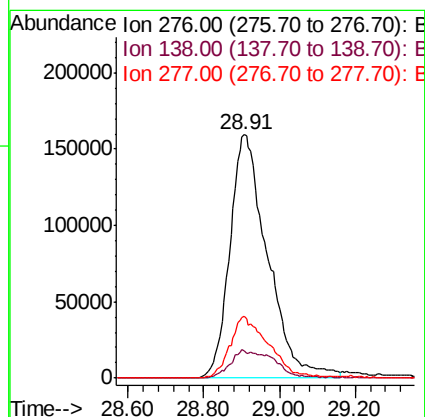
Manual Integrations
APPROVED

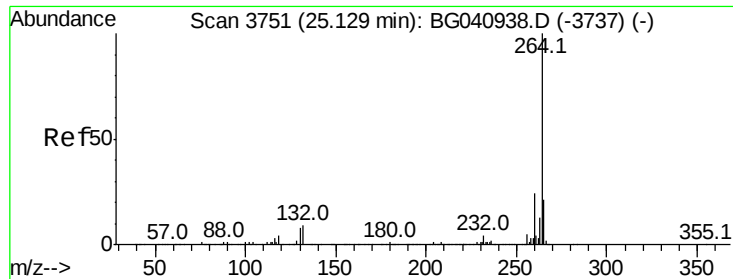
mohammad
6/14/2019 8:39:48 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.249 ng
RT: 28.91 min Scan# 4394
Delta R.T. 0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	1103239		
138	5.6		5.7	8.5#
277	25.2		20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

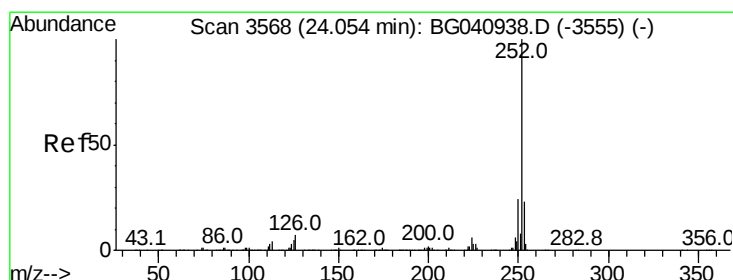
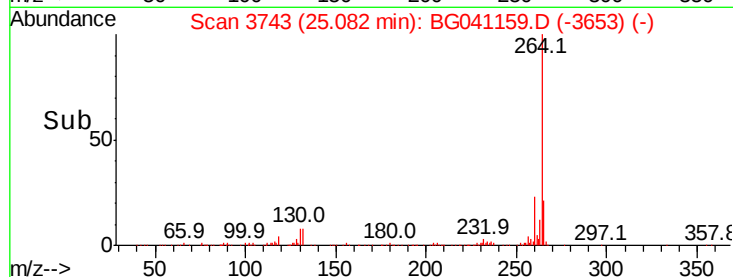
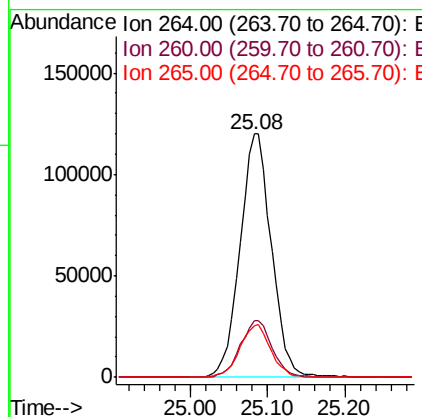
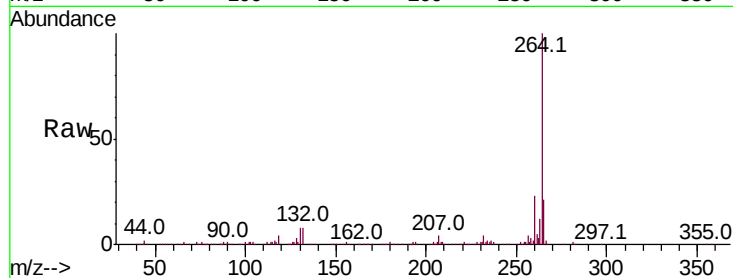
ClientSampleId :

PB120413BSD

Tot Ion:	264	Resp:	342219
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.0	28.4
265	21.4	17.0	25.4

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#88

Benzo(b)fluoranthene

Concen: 45.932 ng

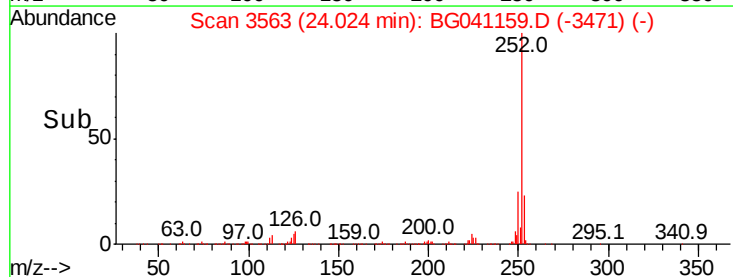
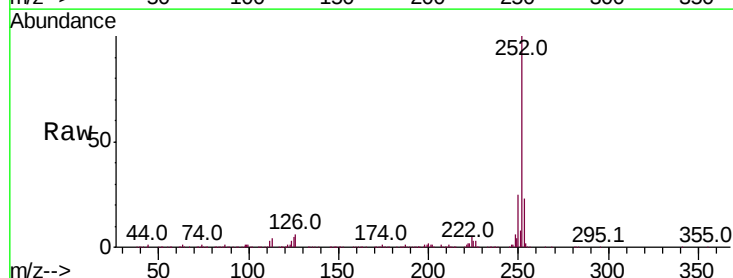
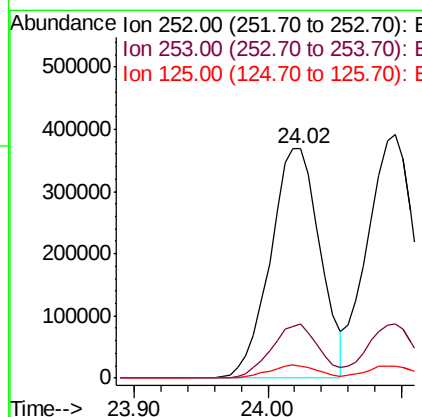
RT: 24.02 min Scan# 3563

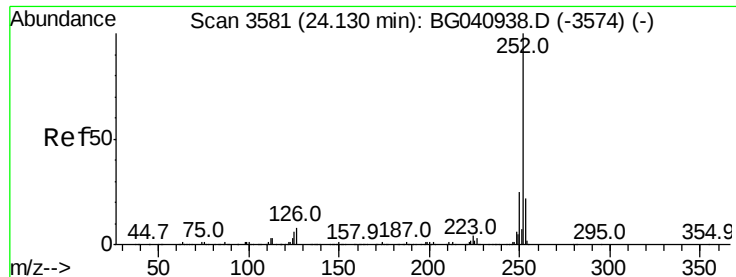
Delta R.T. 0.01 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Tgt Ion:	252	Resp:	953397
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.4	27.6
125	5.1	4.3	6.5





#89

Benzo(k)fluoranthene

Concen: 46.191 ng

RT: 24.09 min Scan# 3575

Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Instrument :

BNA_G

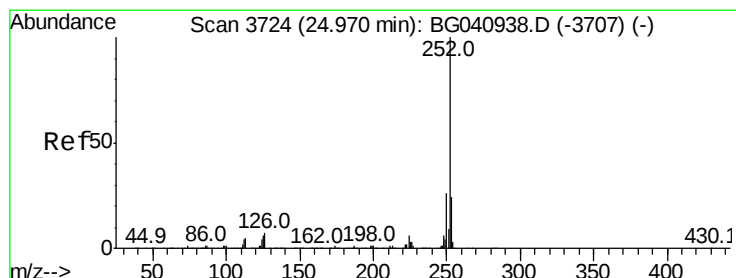
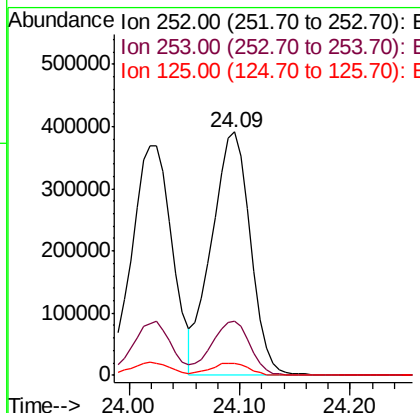
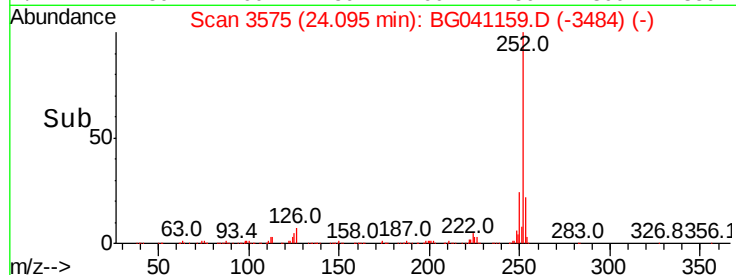
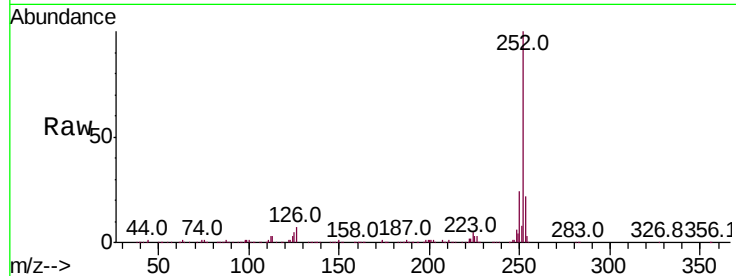
ClientSampleId :

PB120413BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	5.1	4.7	7.1

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#90

Benzo(a)pyrene

Concen: 47.848 ng

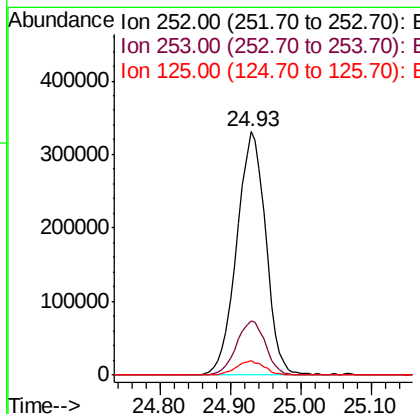
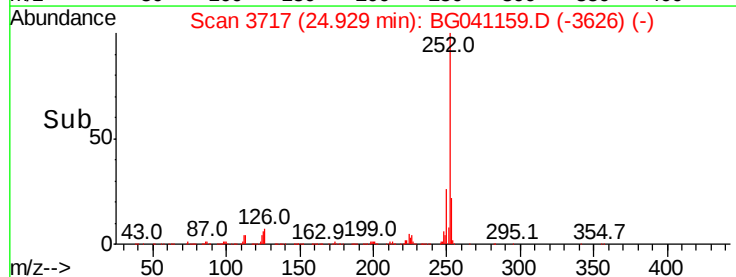
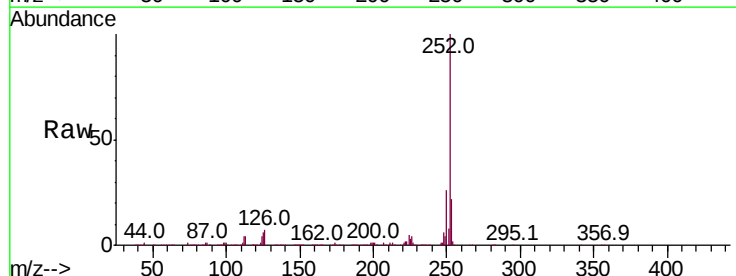
RT: 24.93 min Scan# 3717

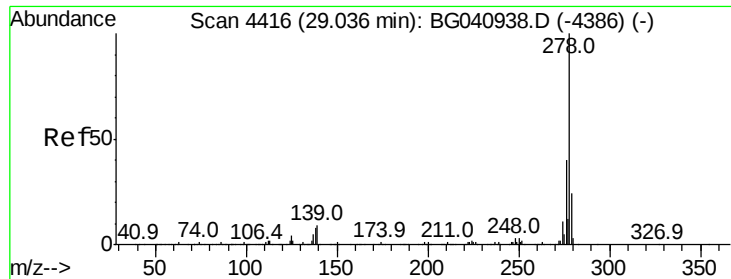
Delta R.T. 0.00 min

Lab File: BG041159.D

Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.5	29.3
125	5.9	5.1	7.7





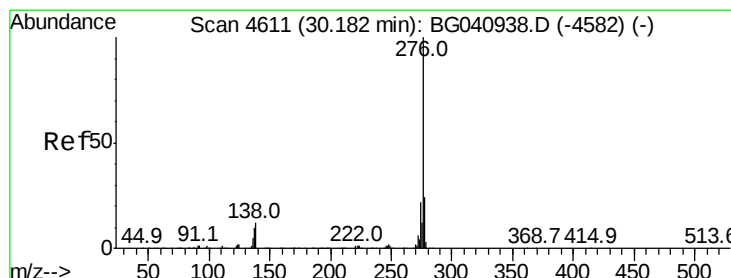
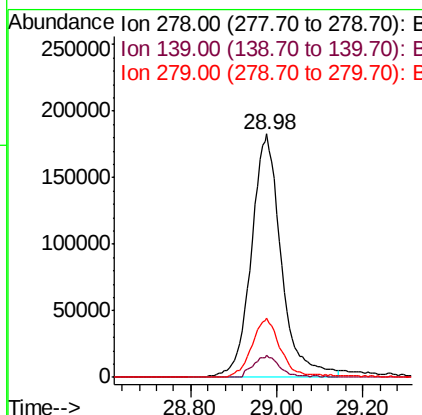
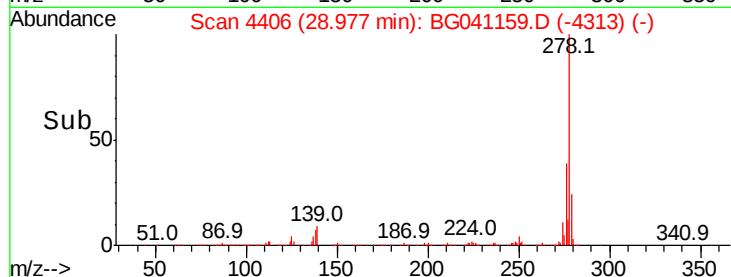
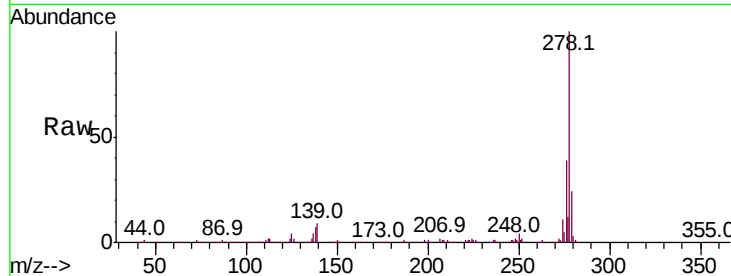
#91
Dibenzo(a,h)anthracene
Concen: 45.589 ng
RT: 28.98 min Scan# 4406
Delta R.T. 0.01 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Instrument :
BNA_G
ClientSampleId :
PB120413BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.3	7.1	10.7
279	24.1	19.4	29.2

Manual Integrations
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6/14/2019 8:39:48 AM



#92
Benzo(g,h,i)perylene
Concen: 45.861 ng
RT: 30.11 min Scan# 4599
Delta R.T. -0.00 min
Lab File: BG041159.D
Acq: 10 Jun 2019 11:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	11.7	9.7	14.5

