

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041802.D
 Acq On : 30 Jul 2019 15:20
 Operator : HP/JU
 Sample : PB121801BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121801BSD

Manual Integrations
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mohammad
 8/1/2019 5:04:55 PM

Quant Time: Jul 31 06:45:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 07:53:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	92017	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	376046	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	281398	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	657994	20.00	ng	0.00
76) Chrysene-d12	21.74	240	653261	20.00	ng	0.00
87) Perylene-d12	25.01	264	735550	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	601258	127.13	ng	0.00
7) Phenol-d6	7.20	99	834738	130.92	ng	0.00
23) Nitrobenzene-d5	9.21	82	485520	88.85	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	454849	142.31	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1334499	83.64	ng	0.00
79) Terphenyl-d14	20.07	244	2257405	79.07	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.47	88	90170	40.507 ng	92
3) Pyridine	3.87	79	161839	26.512 ng	91
4) n-Nitrosodimethylamine	3.78	42	85345	35.269 ng	93
6) Aniline	7.36	93	269649	30.034 ng	94
8) 2-Chlorophenol	7.61	128	232746	42.977 ng	93
9) Benzaldehyde	7.17	77	38433	8.566 ng	95
10) Phenol	7.22	94	285952	43.109 ng	99
11) bis(2-Chloroethyl)ether	7.46	93	200726	36.809 ng	93
12) 1,3-Dichlorobenzene	7.94	146	246338	34.851 ng	97
13) 1,4-Dichlorobenzene	8.08	146	254198	35.942 ng	96
14) 1,2-Dichlorobenzene	8.40	146	242433	35.923 ng	95
15) Benzyl Alcohol	8.28	79	203875	40.643 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	346157	35.679 ng	95
17) 2-Methylphenol	8.48	107	202554	41.988 ng	99
18) Hexachloroethane	9.14	117	86865	35.865 ng	93
19) n-Nitroso-di-n-propylamine	8.85	70	175668	37.949 ng	89
20) 3+4-Methylphenols	8.81	107	278435	42.177 ng	98
22) Acetophenone	8.87	105	340770	40.514 ng	# 92
24) Nitrobenzene	9.25	77	244647	42.497 ng	99
25) Isophorone	9.78	82	478548	40.257 ng	99
26) 2-Nitrophenol	9.97	139	131108	49.071 ng	97
27) 2,4-Dimethylphenol	10.03	122	229466	48.661 ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	286243	38.534 ng	99
29) 2,4-Dichlorophenol	10.51	162	265743	46.276 ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	284618	39.084 ng	98
31) Naphthalene	10.92	128	701088	40.736 ng	98
32) Benzoic acid	10.16	122	139824	42.687 ng	94
33) 4-Chloroaniline	11.02	127	208883	25.593 ng	96
34) Hexachlorobutadiene	11.22	225	183422	37.320 ng	99
35) Caprolactam	11.79	113	95021m	47.613 ng	
36) 4-Chloro-3-methylphenol	12.14	107	266176	46.753 ng	95
37) 2-Methylnaphthalene	12.53	142	566009	41.549 ng	99
38) 1-Methylnaphthalene	12.75	142	547005	42.371 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	356500	40.023 ng	99

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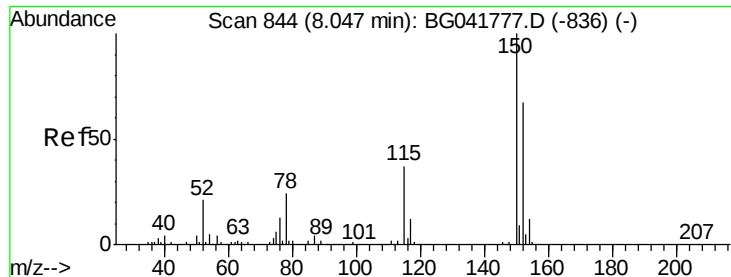
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	425084	84.881	nq	98
43) 2,4,6-Trichlorophenol	13.13	196	243674	43.282	nq	97
44) 2,4,5-Trichlorophenol	13.20	196	268097	45.825	nq	98
46) 1,1'-Biphenyl	13.54	154	737665	40.780	nq	97
47) 2-Chloronaphthalene	13.58	162	601582	39.061	nq	97
48) 2-Nitroaniline	13.77	65	178210	45.625	nq	89
49) Acenaphthylene	14.42	152	964325	41.859	nq	97
50) Dimethylphthalate	14.15	163	812322	42.268	nq	99
51) 2,6-Dinitrotoluene	14.26	165	195603	48.675	nq	89
52) Acenaphthene	14.77	154	686789	45.837	nq	99
53) 3-Nitroaniline	14.59	138	145001	33.728	nq #	93
54) 2,4-Dinitrophenol	14.80	184	235081	91.504	nq	89
55) Dibenzofuran	15.10	168	962680	42.006	nq	95
56) 4-Nitrophenol	14.90	139	329610	101.003	nq	95
57) 2,4-Dinitrotoluene	15.05	165	278560	50.405	nq	95
58) Fluorene	15.75	166	780152	42.419	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	282306	48.720	nq	93
60) Diethylphthalate	15.52	149	815225	43.207	nq	99
61) 4-Chlorophenyl-phenylether	15.75	204	464910	41.407	nq	94
62) 4-Nitroaniline	15.76	138	202921	43.577	nq	98
63) Azobenzene	16.04	77	646665	41.956	nq	95
65) 4,6-Dinitro-2-methylphenol	15.82	198	156487	48.507	nq	88
66) n-Nitrosodiphenylamine	15.96	169	750675	41.883	nq	98
67) 4-Bromophenyl-phenylether	16.64	248	325067	40.106	nq	98
68) Hexachlorobenzene	16.76	284	334186	39.411	nq	92
69) Atrazine	16.91	200	307037	43.600	nq	98
70) Pentachlorophenol	17.10	266	449094	93.230	nq	98
71) Phenanthrene	17.50	178	1323767	41.972	nq	96
72) Anthracene	17.59	178	1353063	43.015	nq	96
73) Carbazole	17.85	167	1226180	43.431	nq	96
74) Di-n-butylphthalate	18.42	149	1405741	43.920	nq	96
75) Fluoranthene	19.51	202	1680827	43.844	nq	94
77) Benzidine	19.68	184	695256	32.607	nq	98
78) Pyrene	19.87	202	1678166	43.358	nq	95
80) Butylbenzylphthalate	20.76	149	673035	45.354	nq	90
81) Benzo(a)anthracene	21.72	228	1605266	41.534	nq	97
82) 3,3'-Dichlorobenzidine	21.63	252	551017	35.509	nq	96
83) Chrysene	21.79	228	1590997	42.944	nq	96
84) Bis(2-ethylhexyl)phthalate	21.64	149	908000	44.358	nq	100
85) Di-n-octyl phthalate	22.87	149	1572102	45.635	nq #	92
86) Indeno(1,2,3-cd)pyrene	28.76	276	2110874	43.040	nq #	90
88) Benzo(b)fluoranthene	23.98	252	1781927	44.285	nq	97
89) Benzo(k)fluoranthene	24.05	252	1779830	45.409	nq #	97
90) Benzo(a)pyrene	24.86	252	1787553	46.320	nq #	97
91) Dibenzo(a,h)anthracene	28.83	278	1723003	45.470	nq #	96
92) Benzo(g,h,i)perylene	29.93	276	1742218	46.020	nq	95

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



#1

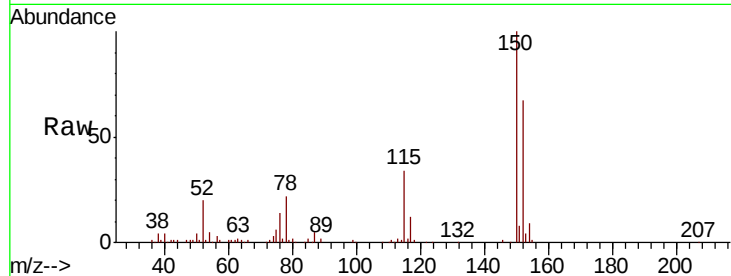
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	126.9	190.3
115	50.5	45.0	67.6

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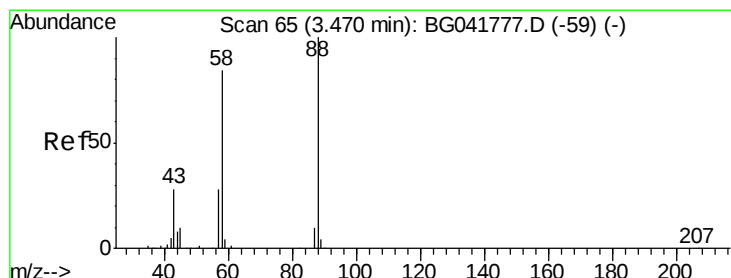
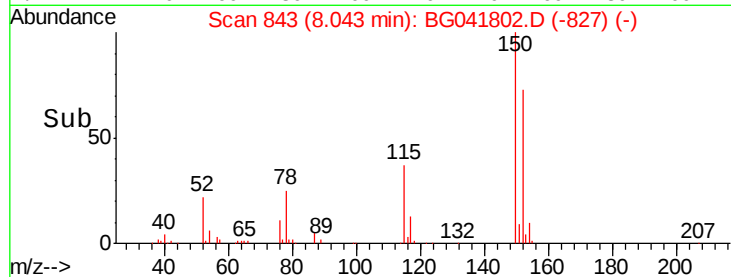
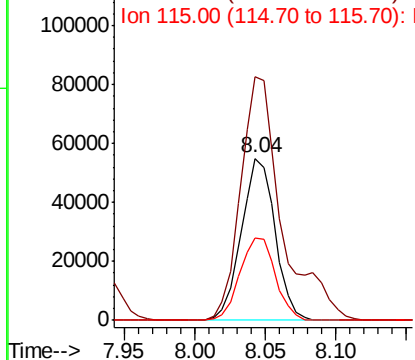


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

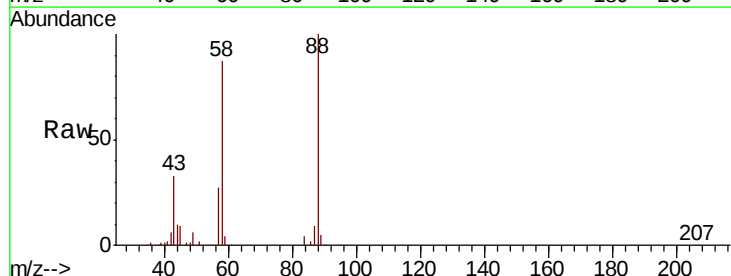
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.507 ng
RT: 3.47 min Scan# 64
Delta R.T. -0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.4	76.2	114.2
43	29.4	27.2	40.8

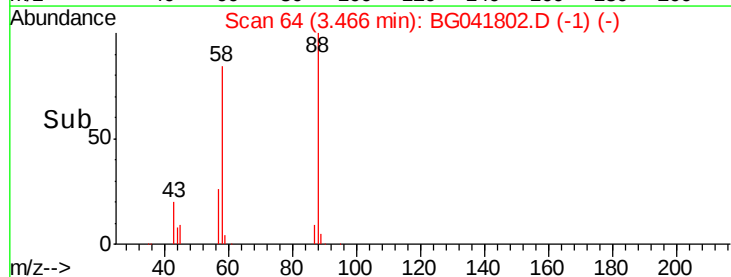
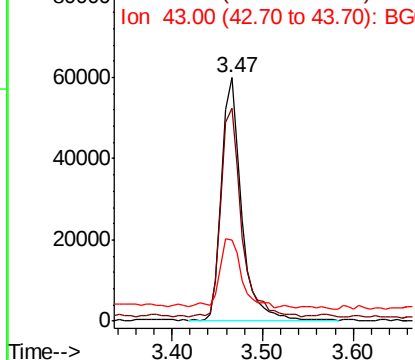


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 26.512 ng

RT: 3.87 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

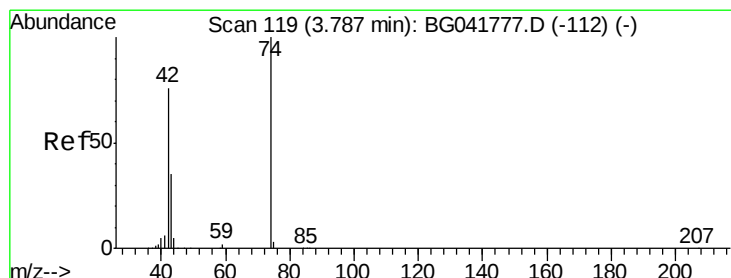
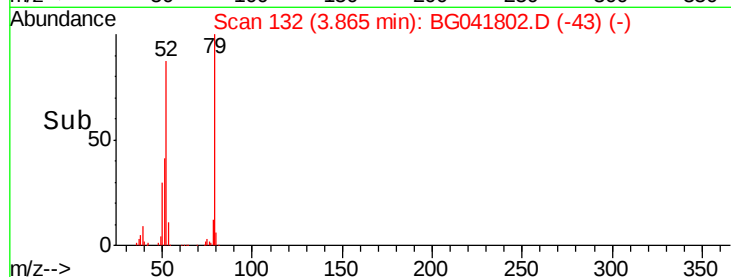
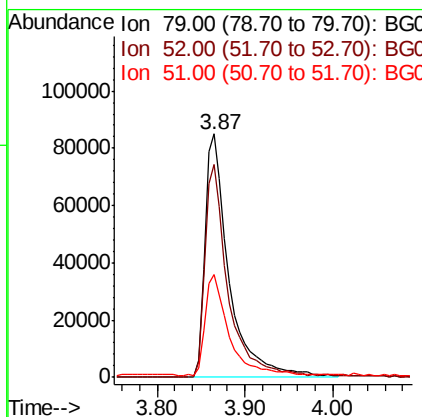
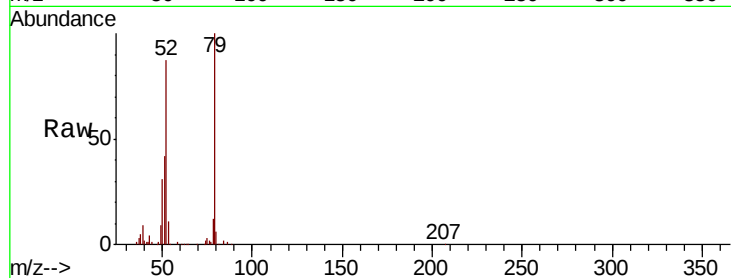
ClientSampleId :

PB121801BSD

Tot Ion:	79	Resp:	161839
Ion	Ratio	Lower	Upper
79	100		
52	87.3	77.1	115.7
51	42.5	37.8	56.8

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#4

n-Nitrosodimethylamine

Concen: 35.269 ng

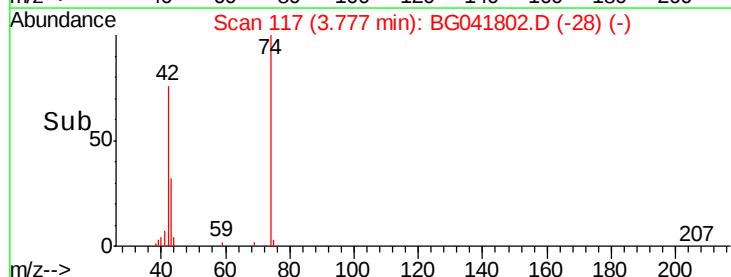
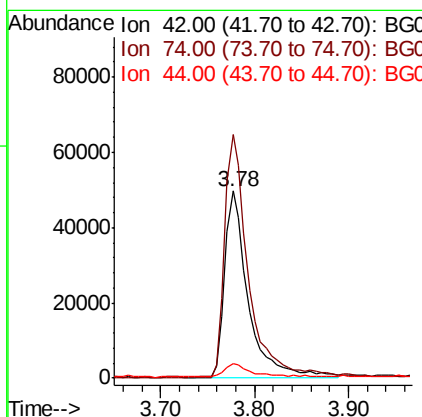
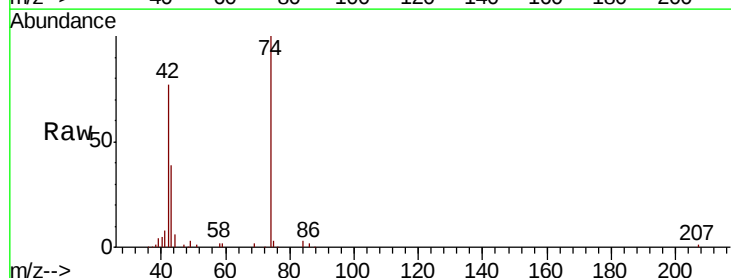
RT: 3.78 min Scan# 117

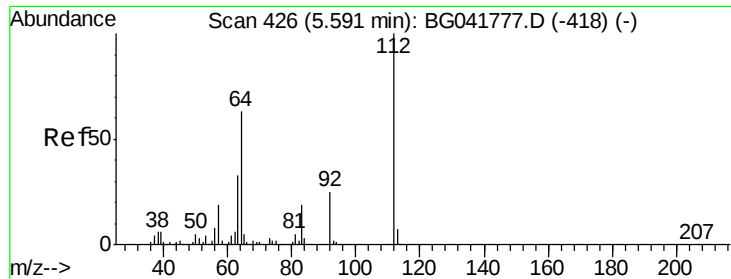
Delta R.T. -0.01 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Tgt Ion:	42	Resp:	85345
Ion	Ratio	Lower	Upper
42	100		
74	130.1	97.4	146.2
44	7.8	6.6	9.8





#5

2-Fluorophenol

Concen: 127.131 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

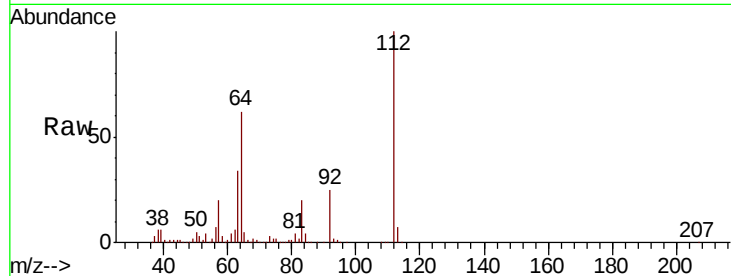
ClientSampleId :

PB121801BSD

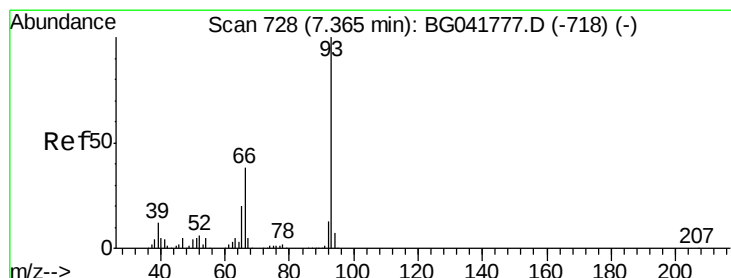
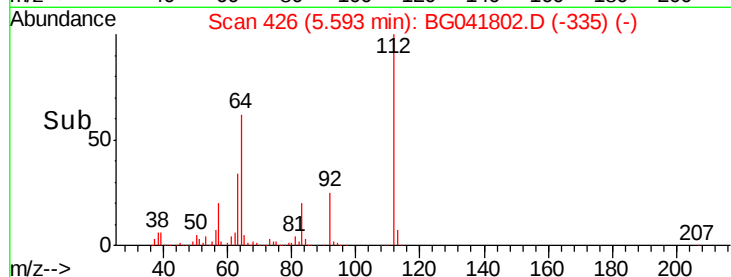
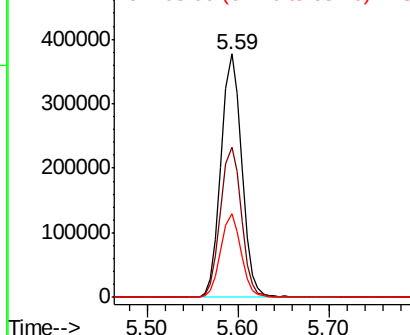
Tot Ion	Ratio	Resp	Lower	Upper
112	100	601258		
64	61.6		55.4	83.2
63	34.2		29.1	43.7

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



#6

Aniline

Concen: 30.034 ng

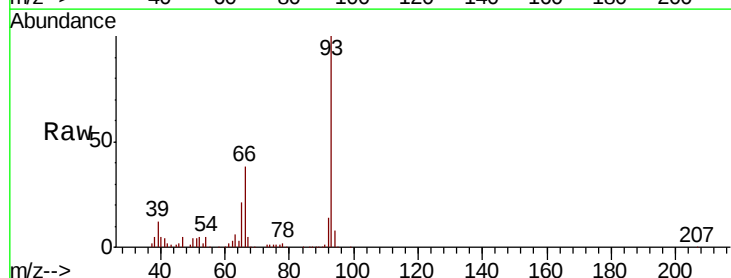
RT: 7.36 min Scan# 727

Delta R.T. -0.00 min

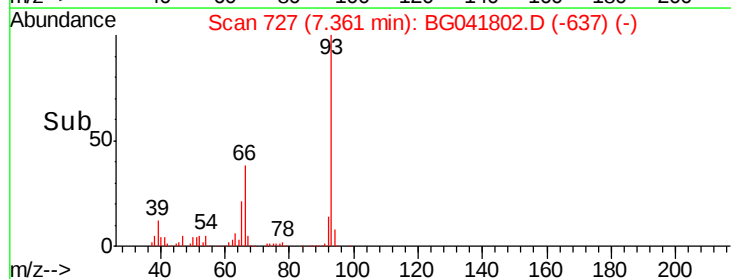
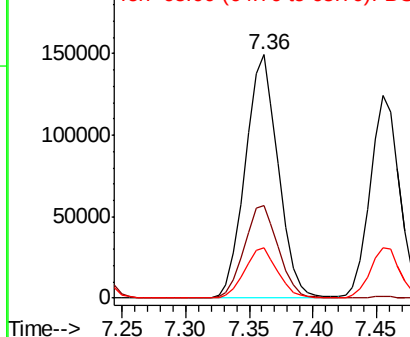
Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	269649		
66	37.9		34.2	51.2
65	20.9		18.2	27.2



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





#7

Phenol-d6

Concen: 130.918 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

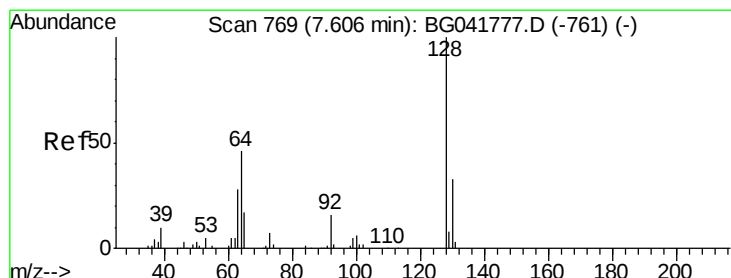
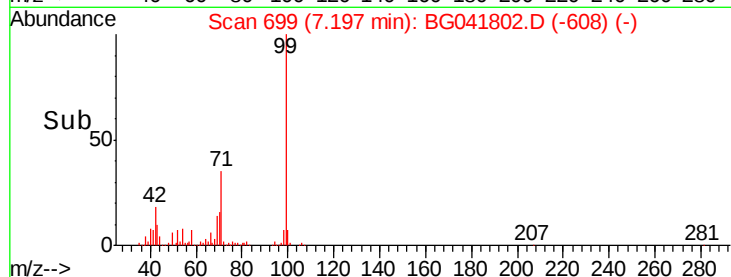
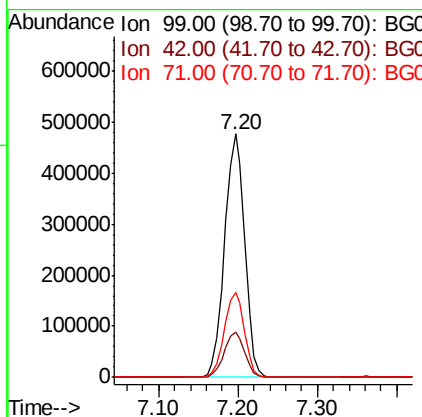
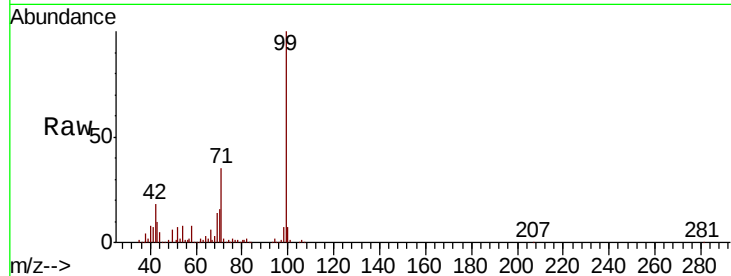
ClientSampleId :

PB121801BSD

Tot Ion:	99	Resp:	834738
Ion	Ratio	Lower	Upper
99	100		
42	18.5	17.6	26.4
71	34.9	27.8	41.6

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#8

2-Chlorophenol

Concen: 42.977 ng

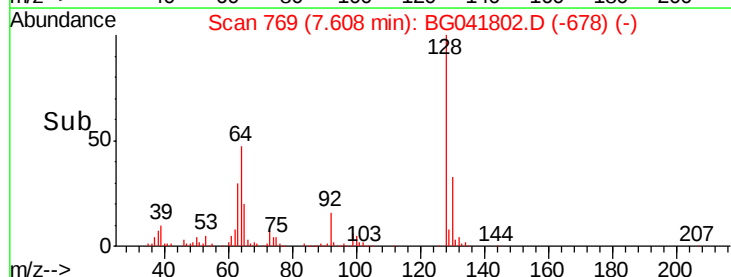
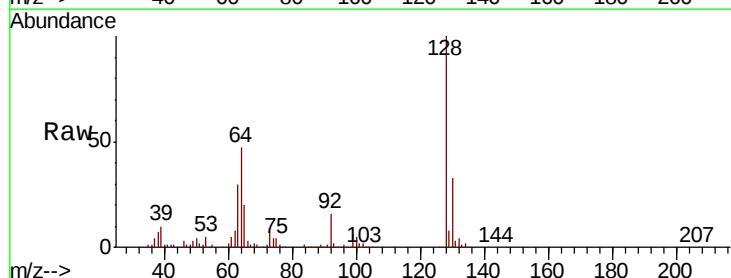
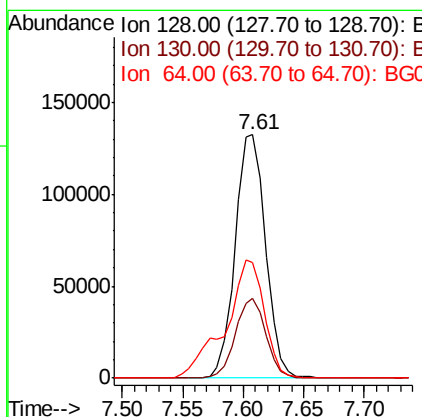
RT: 7.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Tgt Ion:	128	Resp:	232746
Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.4	52.4
64	47.2	34.9	74.9





#9

Benzaldehyde

Concen: 8.566 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

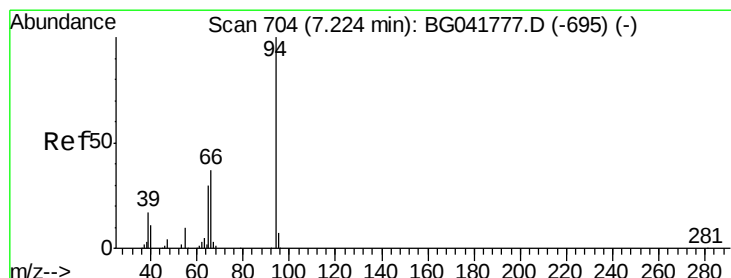
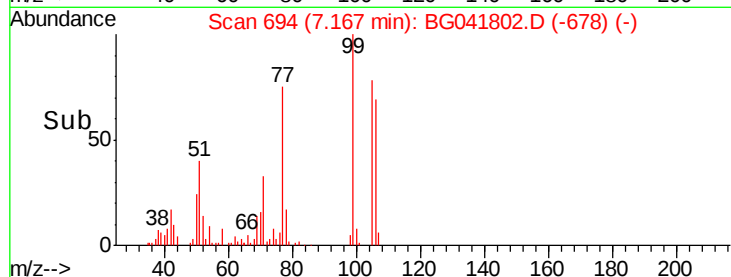
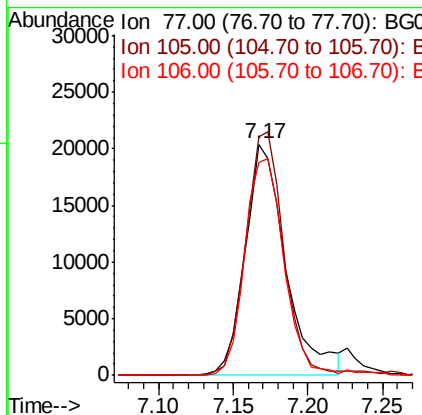
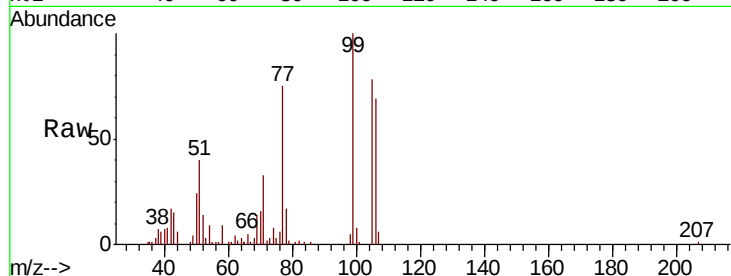
ClientSampleId :

PB121801BSD

Tot Ion:	77	Resp:	38433
Ion Ratio	Lower	Upper	
77	100		
105	103.4	74.6	114.6
106	92.2	71.1	111.1

Manual Integrations
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#10

Phenol

Concen: 43.109 ng

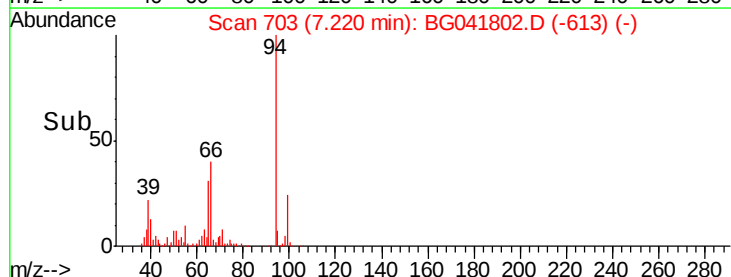
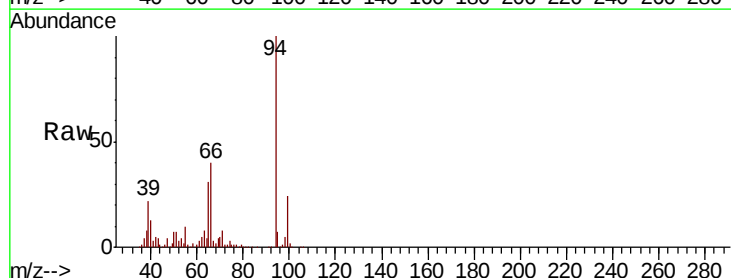
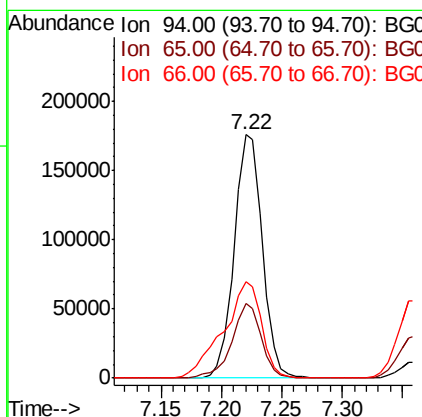
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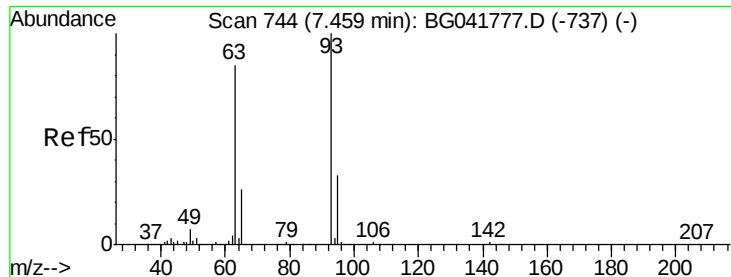
Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Tgt Ion:	94	Resp:	285952
Ion Ratio	Lower	Upper	
94	100		
65	30.6	10.6	50.6
66	39.7	18.2	58.2





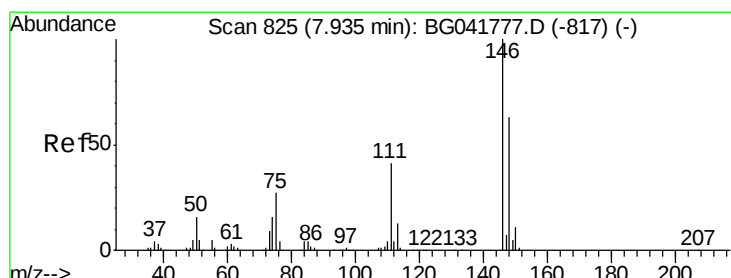
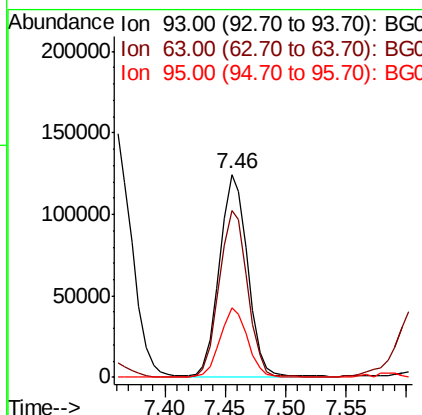
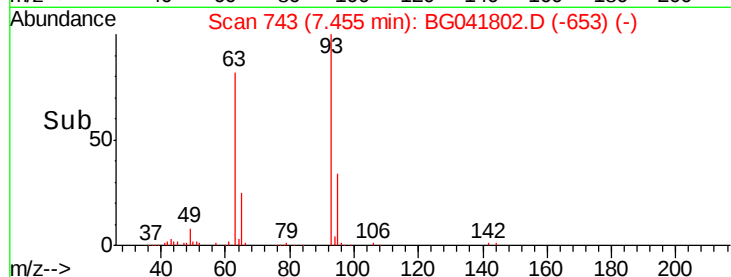
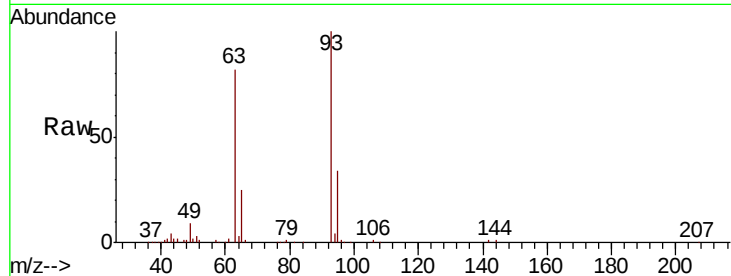
#11
bis(2-Chloroethyl)ether
Concen: 36.809 ng
RT: 7.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	200726		
63	81.8		70.4	110.4
95	33.9		12.8	52.8

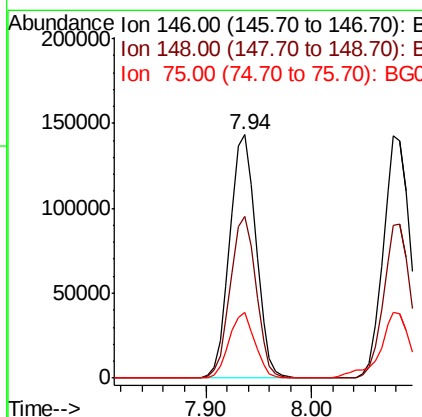
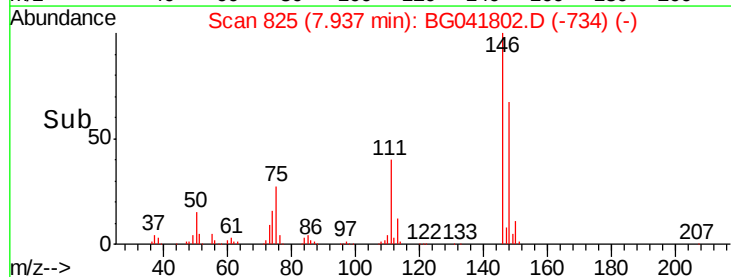
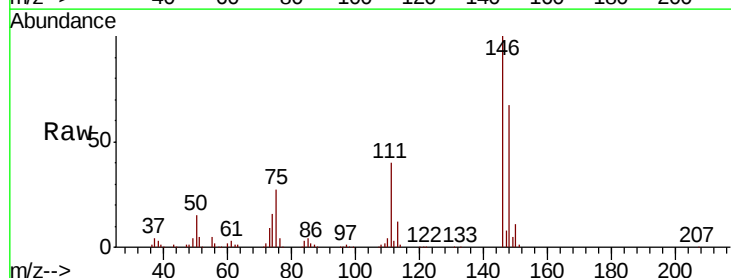
Manual Integrations
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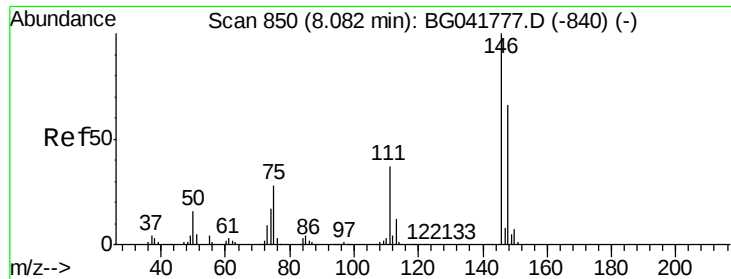
mohammad
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#12
1,3-Dichlorobenzene
Concen: 34.851 ng
RT: 7.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	246338		
148	66.6		51.5	77.3
75	27.2		23.2	34.8





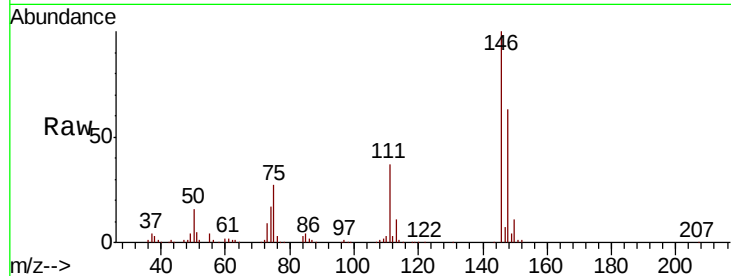
#13
1,4-Dichlorobenzene
Concen: 35.942 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.6	79.0
111	37.3	32.5	48.7

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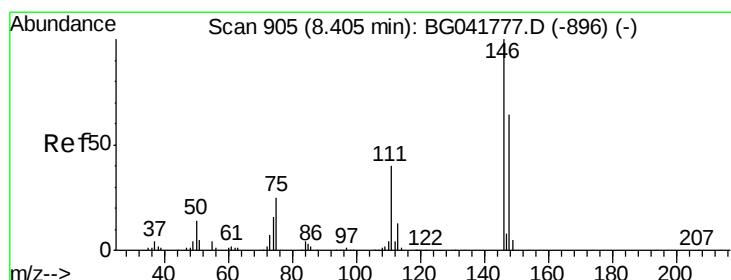
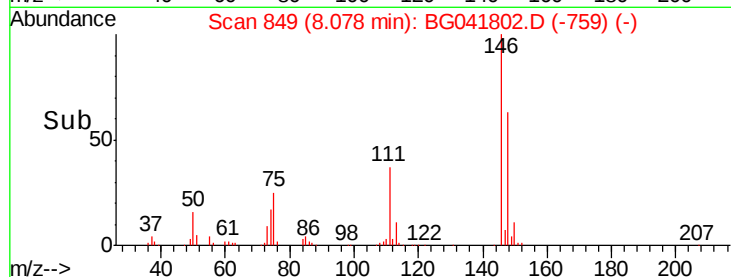
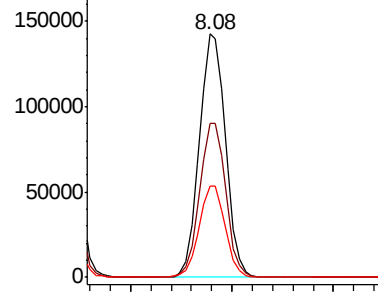


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 35.923 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

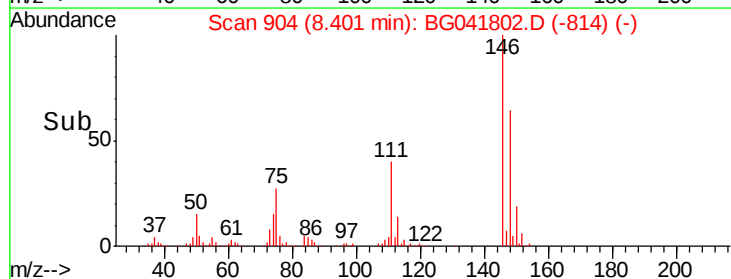
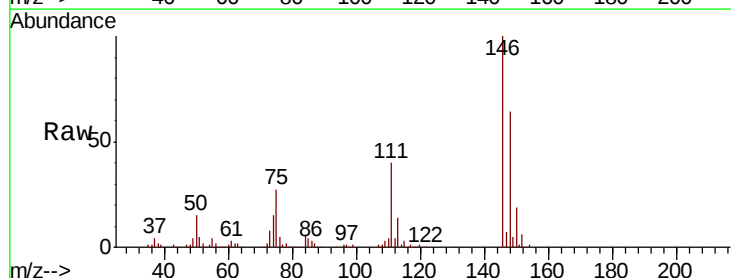
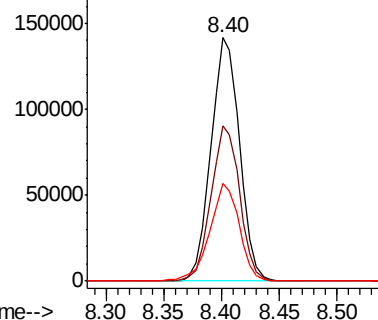
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	53.5	80.3
111	40.2	35.4	53.0

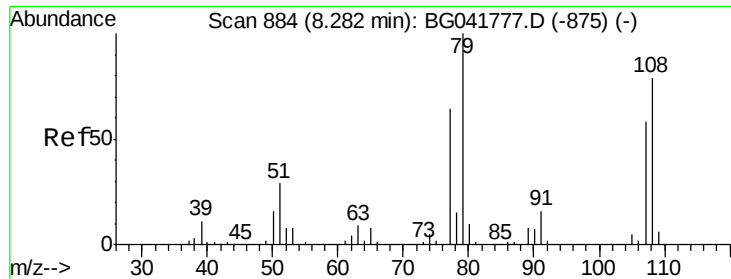
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.643 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

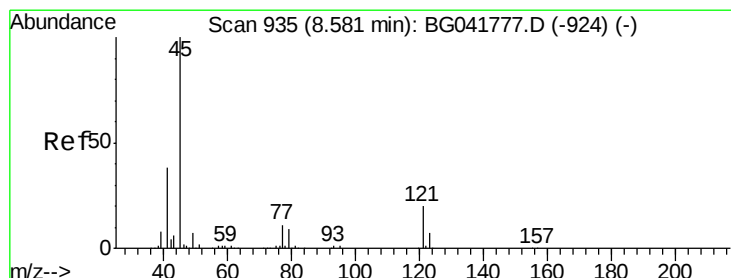
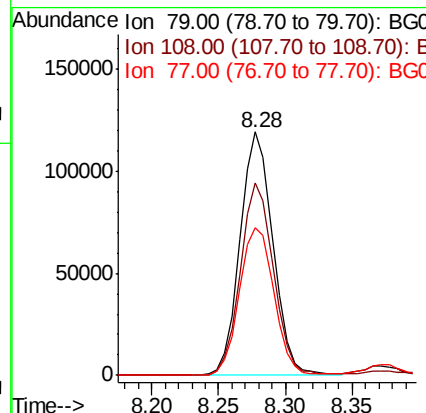
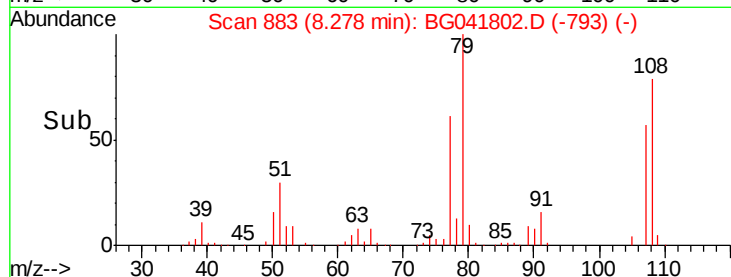
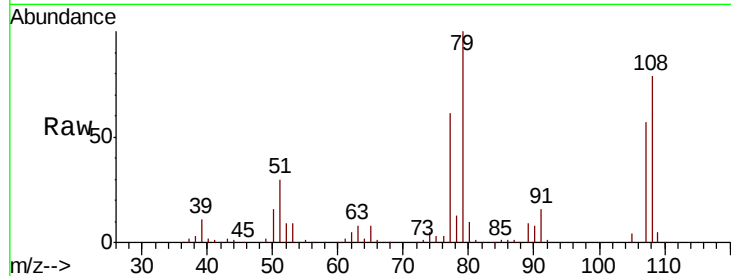
ClientSampleId :

PB121801BSD

Tot Ion:	79	Resp:	203875
Ion Ratio	Lower	Upper	
79	100		
108	78.9	60.5	90.7
77	60.8	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.679 ng

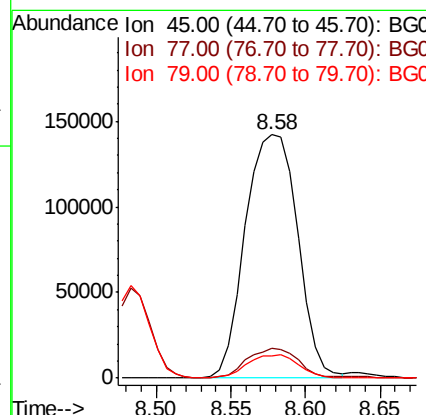
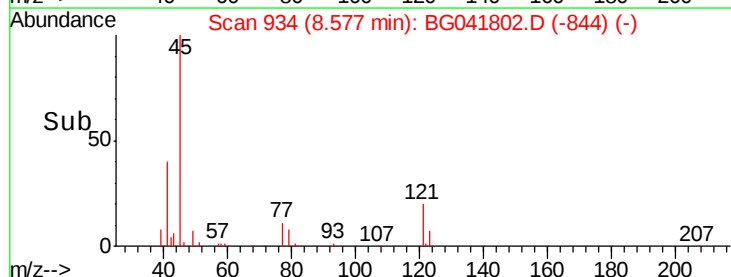
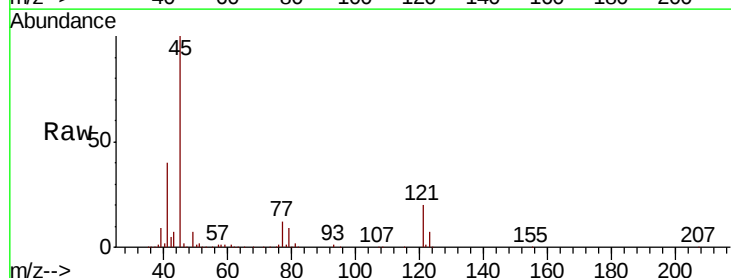
RT: 8.58 min Scan# 934

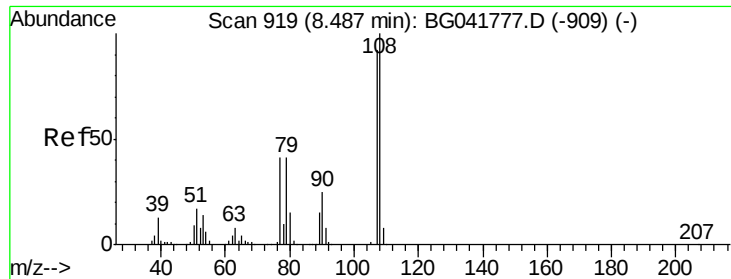
Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Tgt Ion:	45	Resp:	346157
Ion Ratio	Lower	Upper	
45	100		
77	12.5	0.0	30.4
79	9.0	0.0	27.9





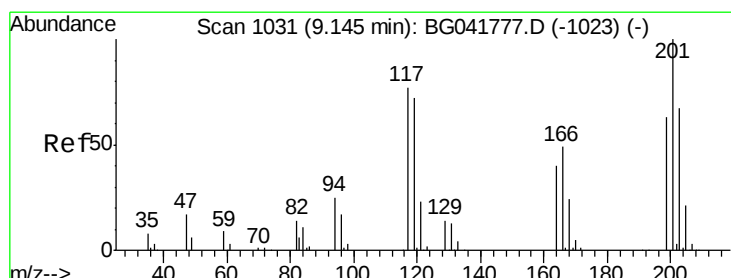
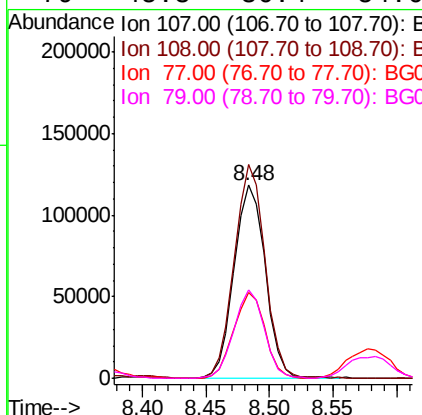
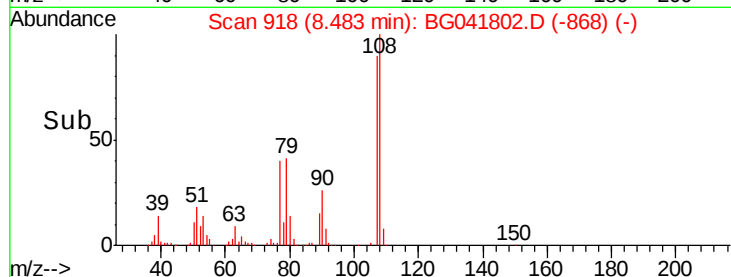
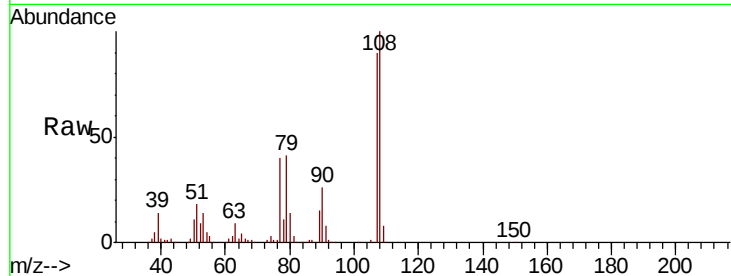
#17
2-Methylphenol
Concen: 41.988 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.9	87.6	131.4	
77	44.8	36.1	54.1	
79	45.8	36.4	54.6	

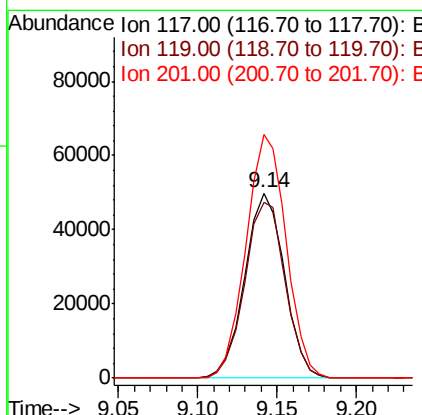
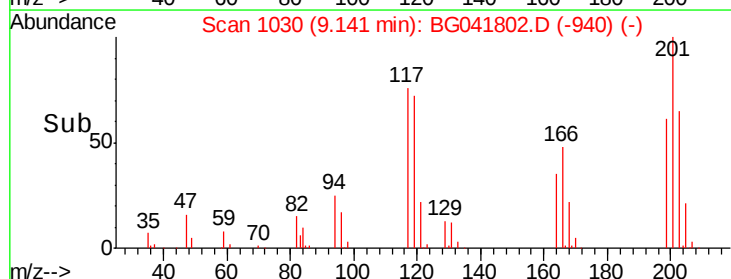
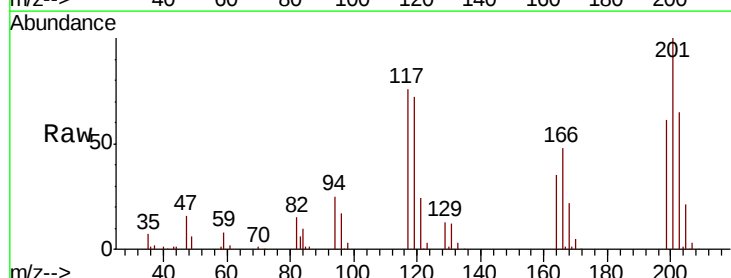
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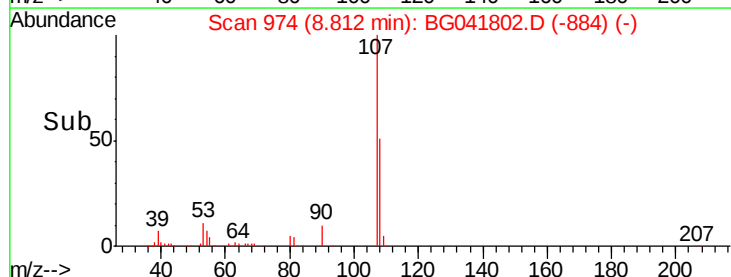
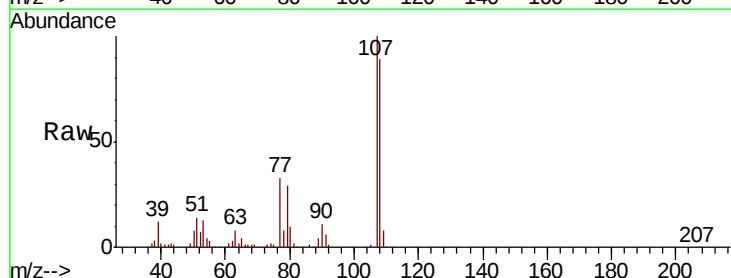
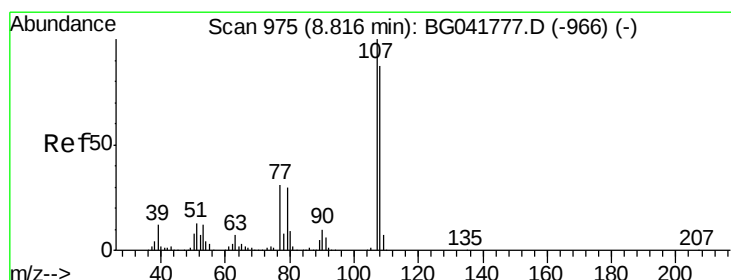
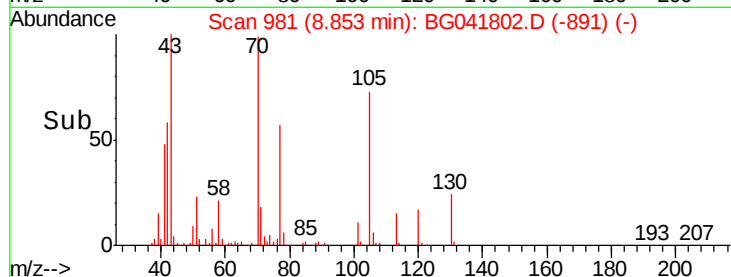
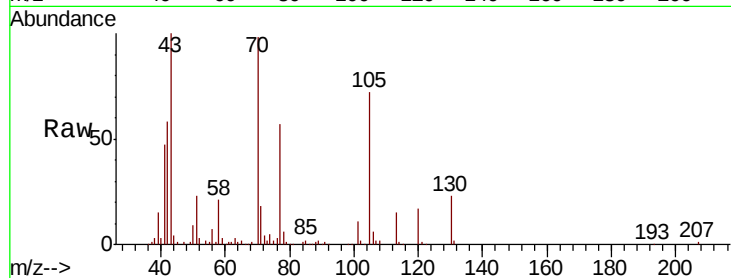
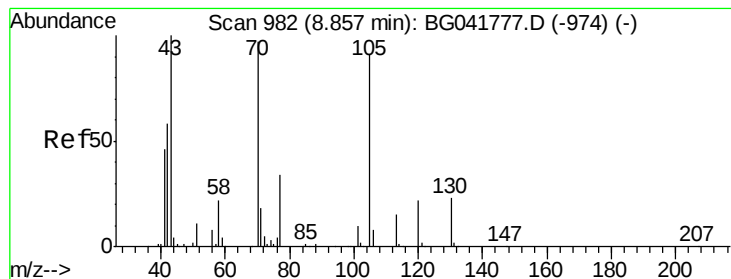
mohammad
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#18
Hexachloroethane
Concen: 35.865 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	76.2	114.2	
201	131.6	94.1	141.1	





#19

n-Nitroso-di-n-propylamine

Concen: 37.949 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

ClientSampleId :

PB121801BSD

Tot Ion: 70 Resp: 175668

Ion Ratio Lower Upper

70 100

42 58.5 55.8 83.6

101 11.1 8.1 12.1

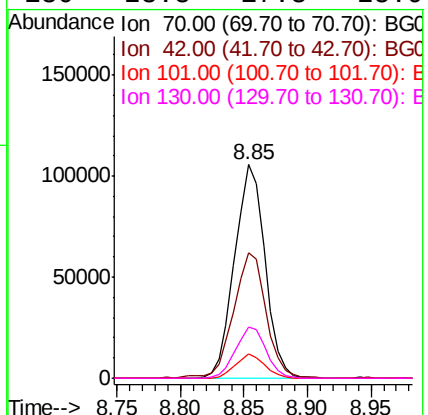
130 23.8 17.3 25.9

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#20

3+4-Methylphenols

Concen: 42.177 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Tgt Ion:107 Resp: 278435

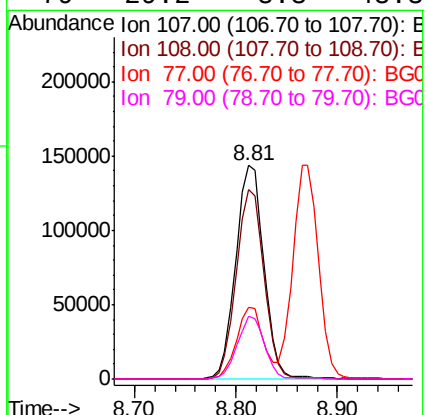
Ion Ratio Lower Upper

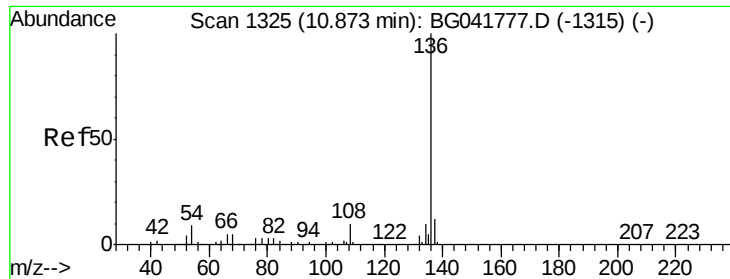
107 100

108 88.7 67.5 107.5

77 33.5 12.3 52.3

79 29.2 8.3 48.3





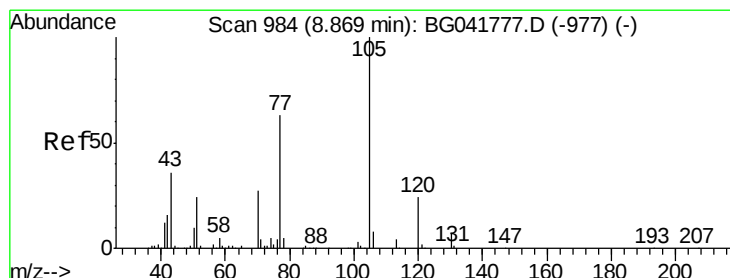
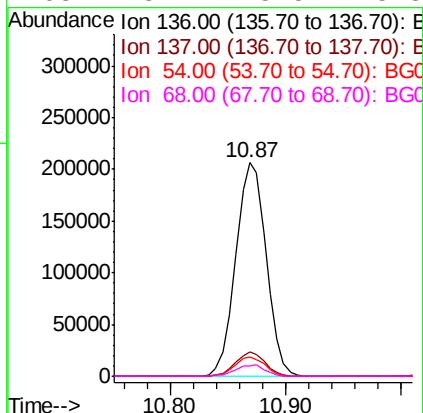
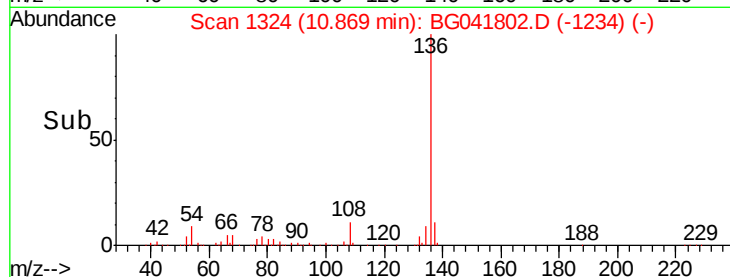
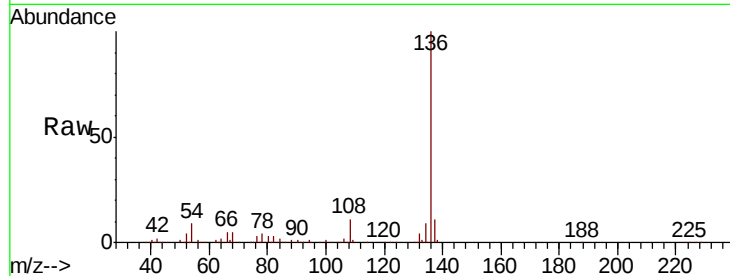
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.2	13.8	
54	9.0	8.7	13.1	
68	5.1	5.5	8.3#	

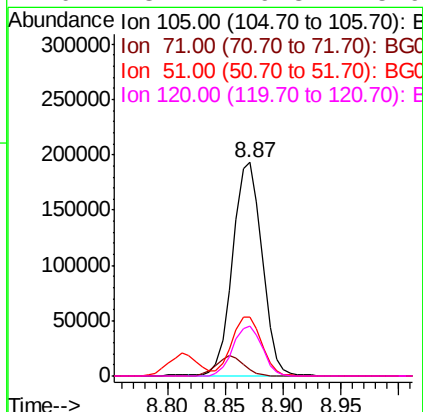
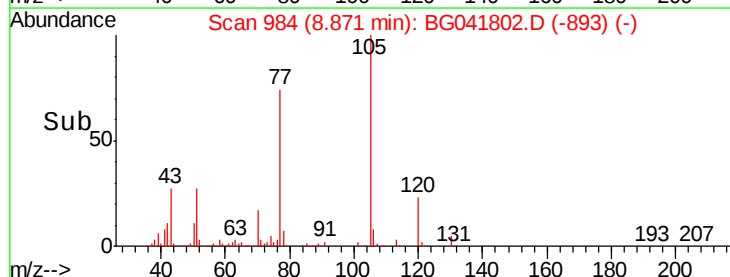
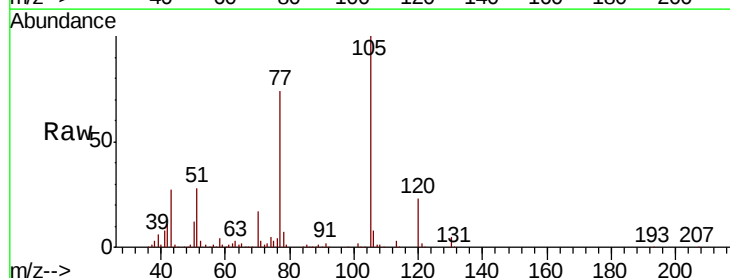
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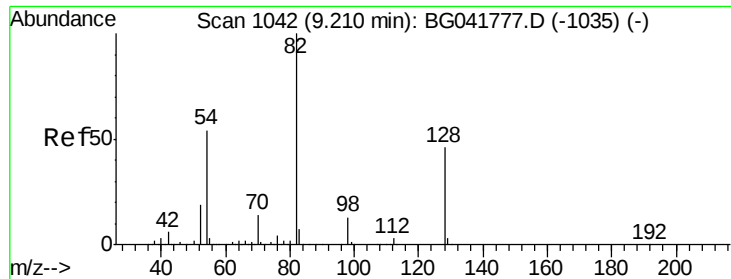
mohammad
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#22
Acetophenone
Concen: 40.514 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.7	5.9	8.9#	
51	27.5	27.7	41.5#	
120	23.4	19.3	28.9	





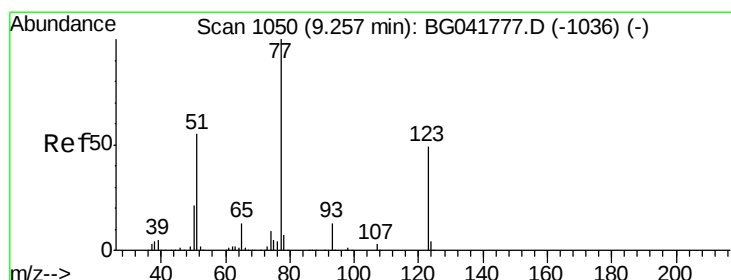
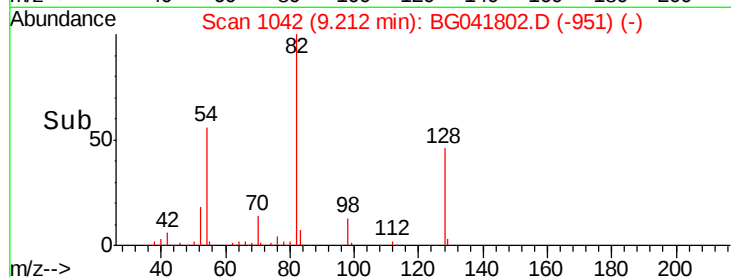
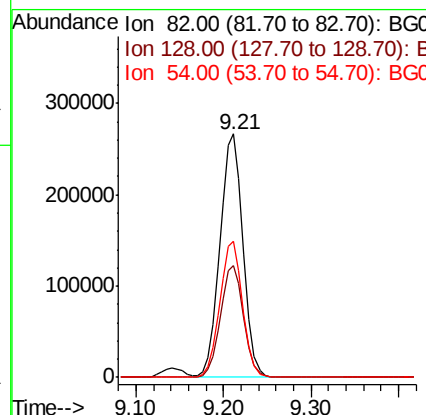
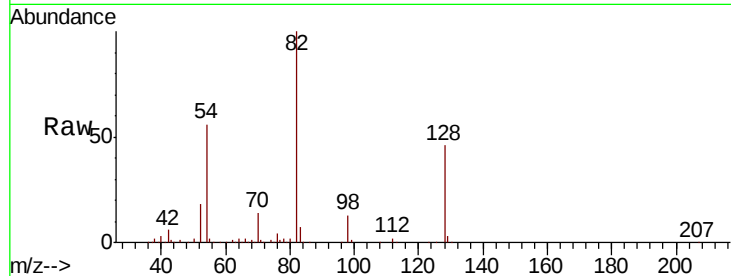
#23
 Nitrobenzene-d5
 Concen: 88.850 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB121801BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	485520		
128	46.1	35.1	52.7	
54	55.8	48.7	73.1	

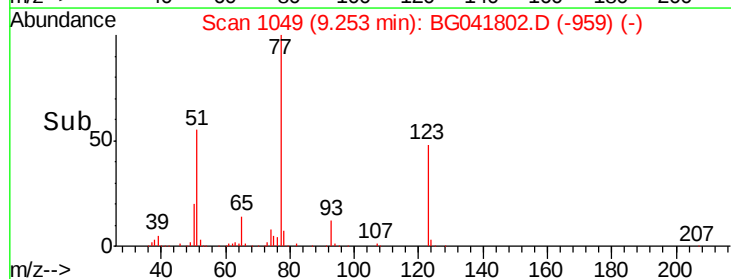
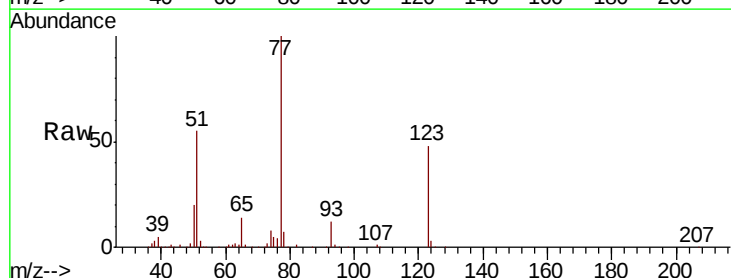
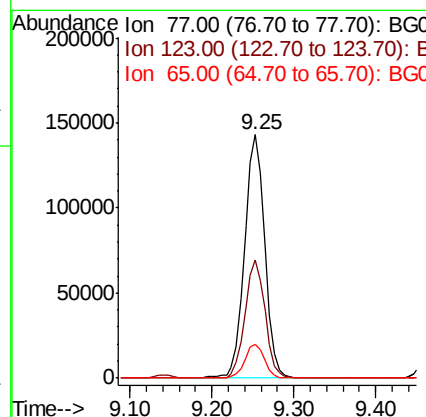
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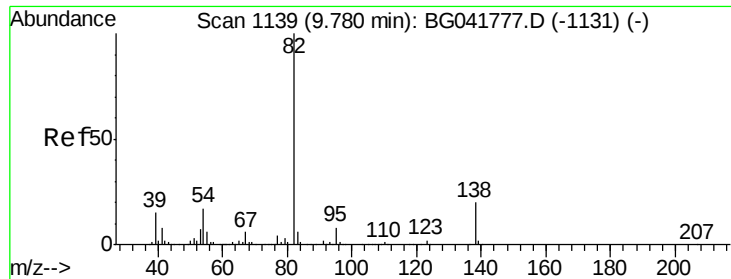
mohammad
 8/1/2019 5:04:55 PM



#24
 Nitrobenzene
 Concen: 42.497 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	244647		
123	48.5	38.1	57.1	
65	13.9	11.0	16.6	





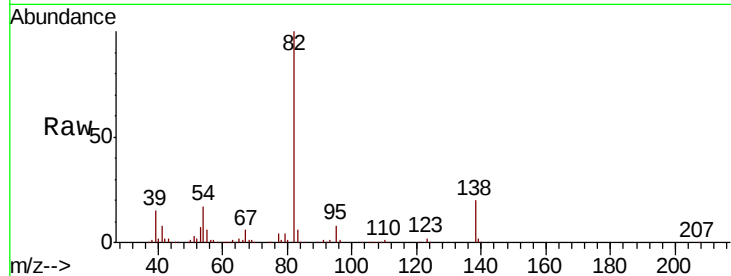
#25
Isophorone
Concen: 40.257 ng
RT: 9.78 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

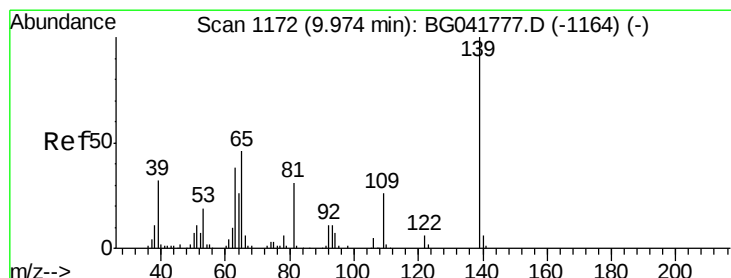
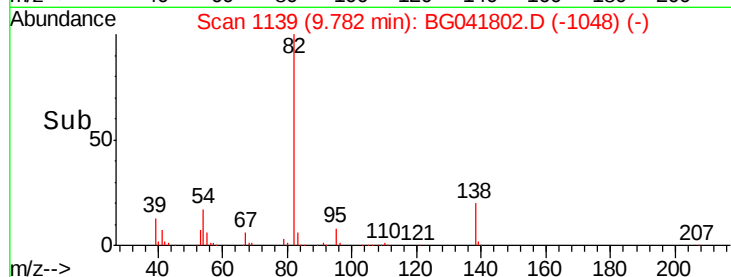
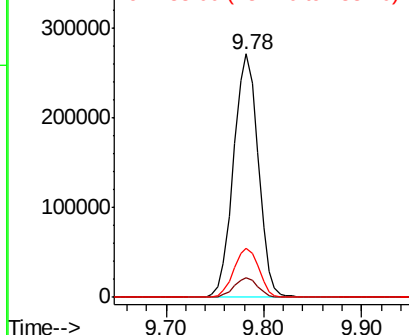
Tot Ion	Ratio	Resp	Lower	Upper
82	100	478548		
95	8.1	5.9	8.9	
138	20.3	16.3	24.5	

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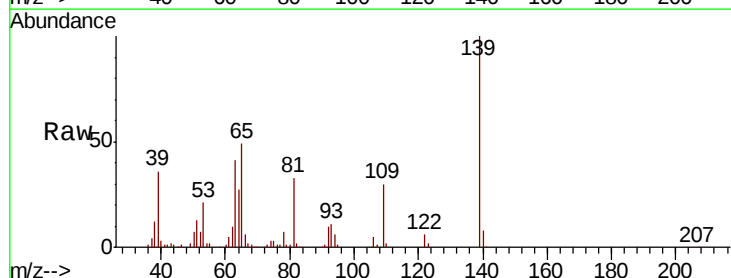


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

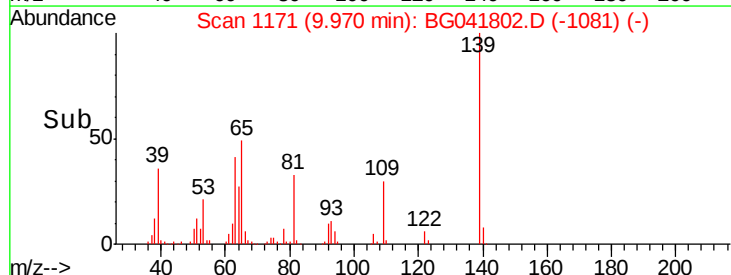
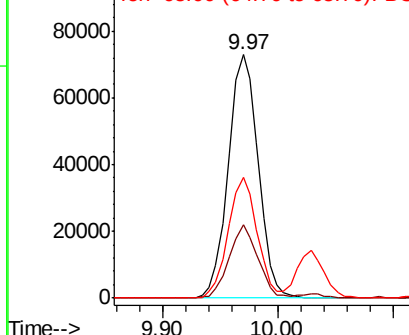


#26
2-Nitrophenol
Concen: 49.071 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	131108		
109	30.3	22.7	34.1	
65	49.5	41.1	61.7	



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





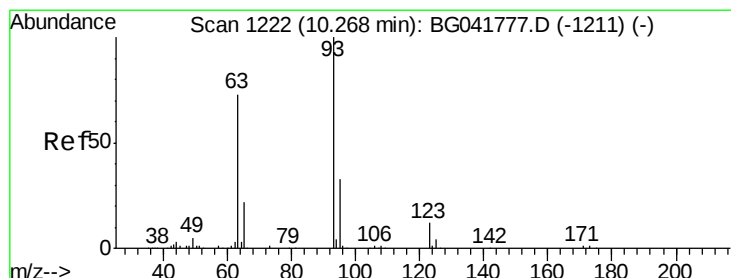
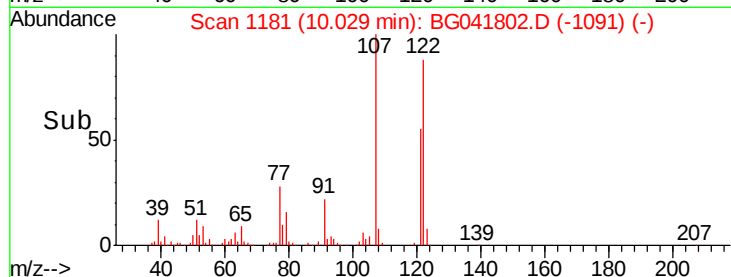
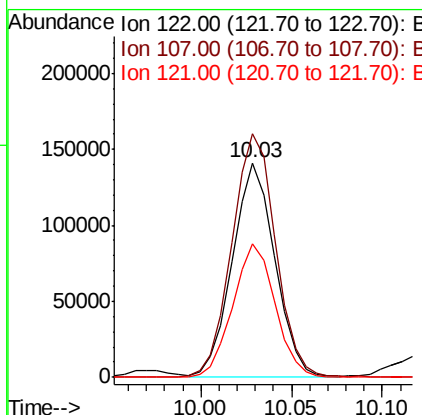
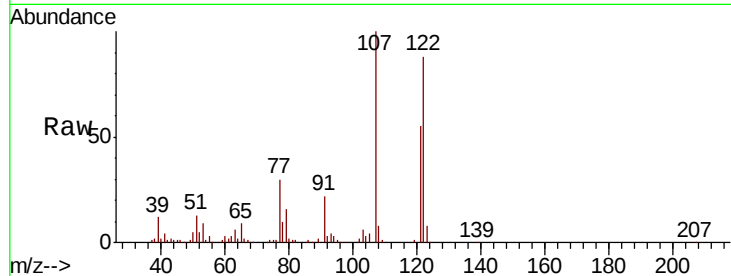
#27
2,4-Dimethylphenol
Concen: 48.661 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.6	91.3	136.9
121	62.4	49.2	73.8

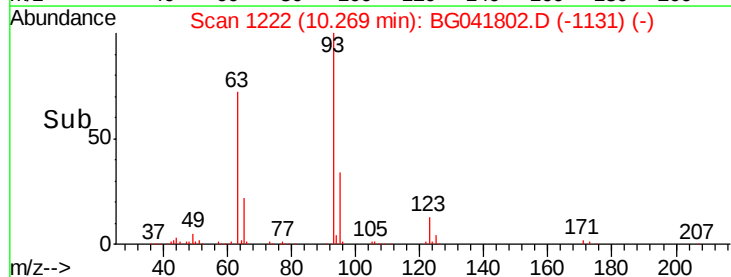
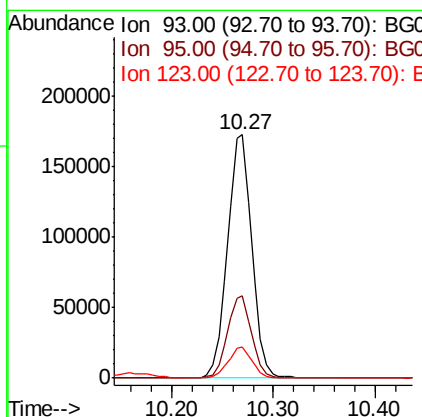
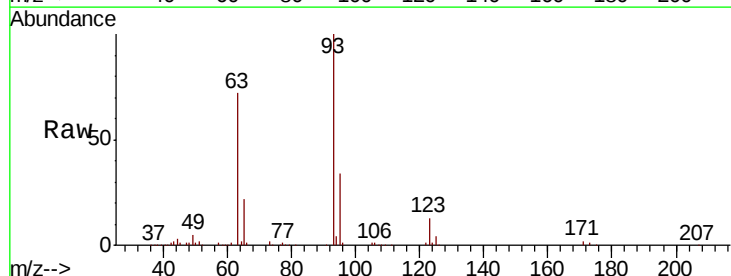
Manual Integrations
APPROVED

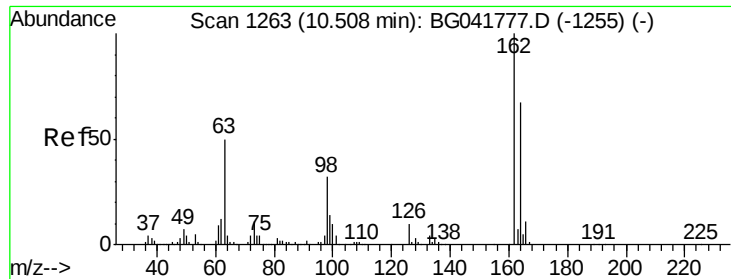
mohammad
8/1/2019 5:04:55 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.534 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.2	39.4
123	12.6	9.9	14.9





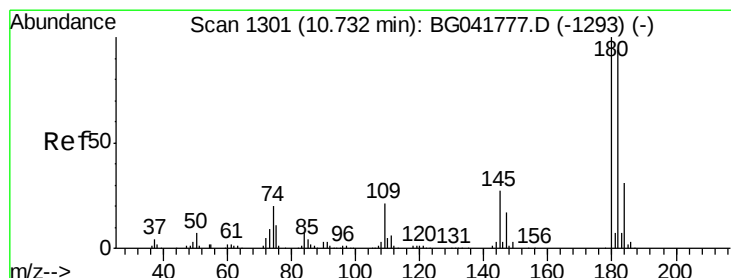
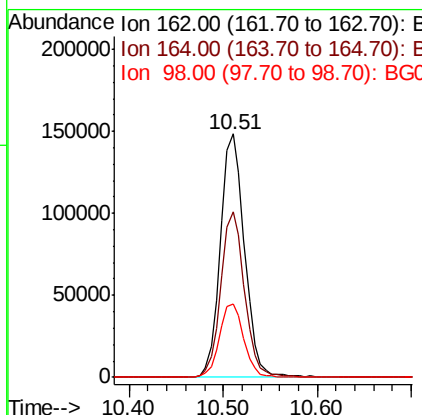
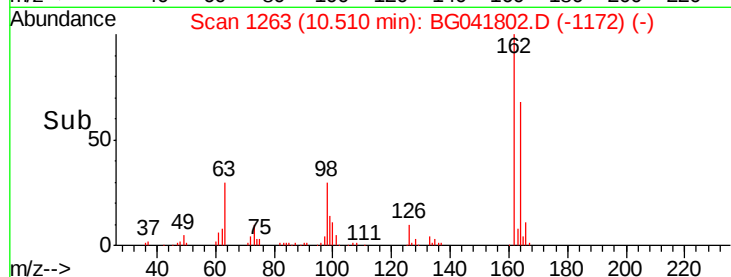
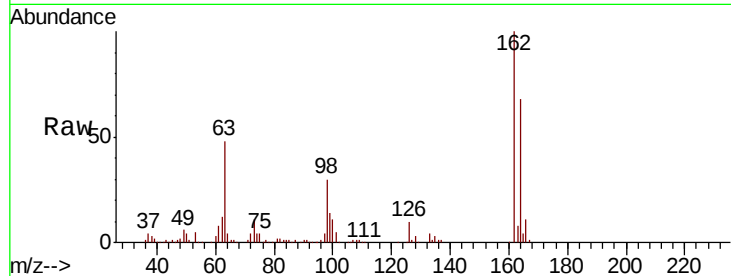
#29
2,4-Dichlorophenol
Concen: 46.276 ng
RT: 10.51 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	265743		
164	67.9	46.1	86.1	
98	30.2	14.7	54.7	

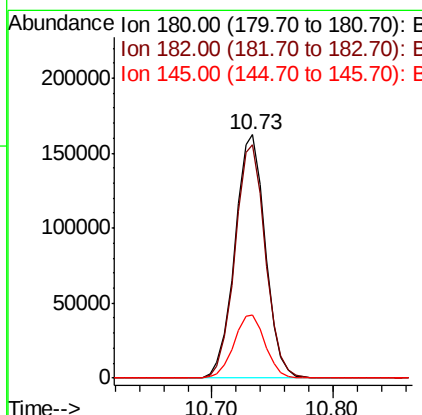
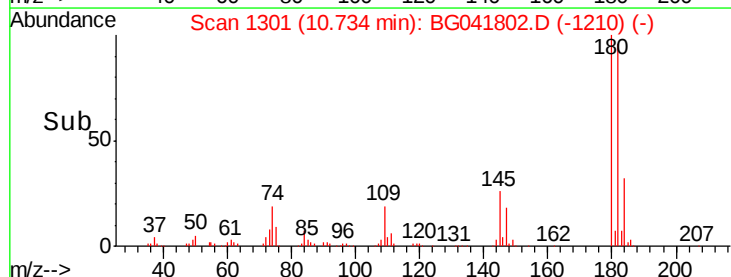
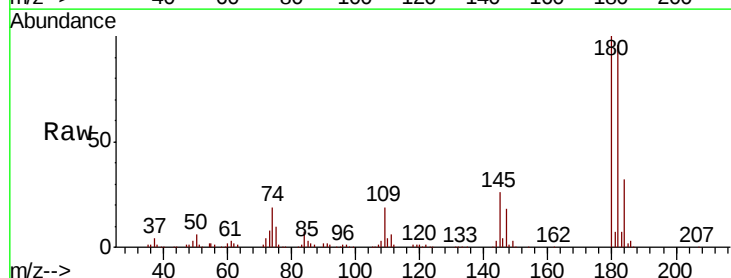
Manual Integrations
APPROVED

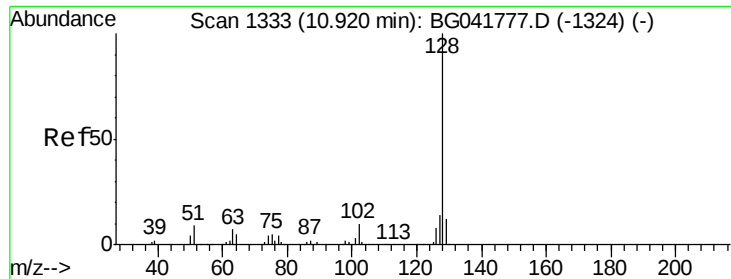
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 39.084 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	284618		
182	95.7	76.2	114.2	
145	26.2	23.8	35.8	





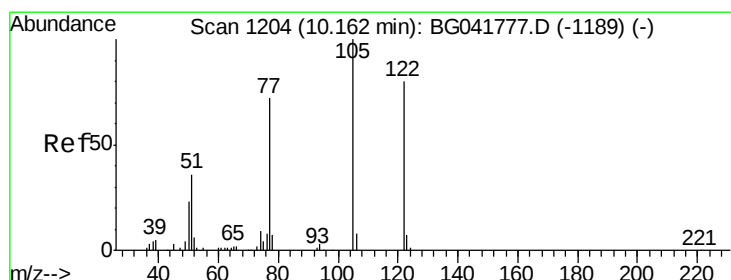
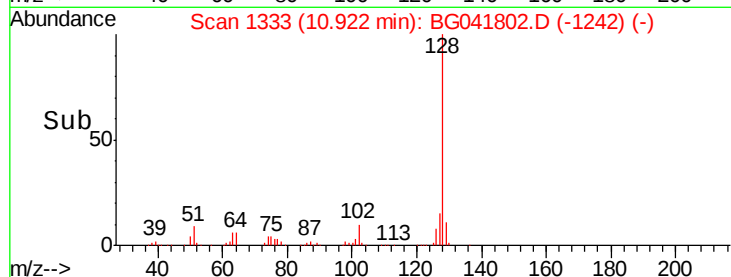
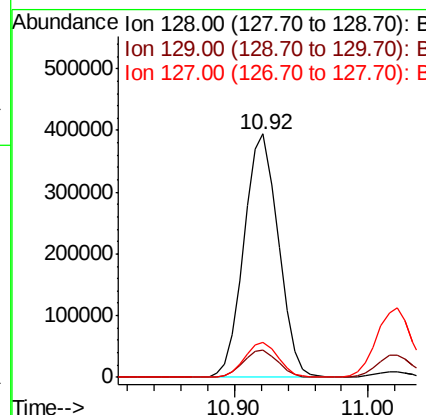
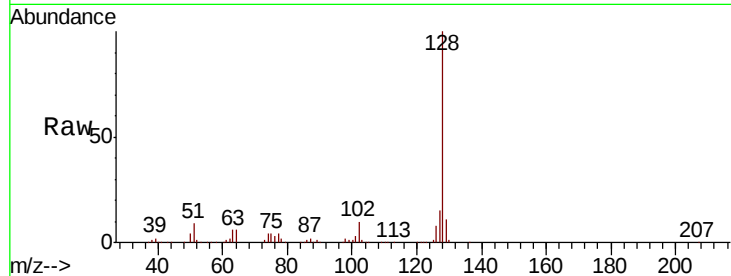
#31
Naphthalene
Concen: 40.736 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	10.0	15.0
127	14.5	12.3	18.5

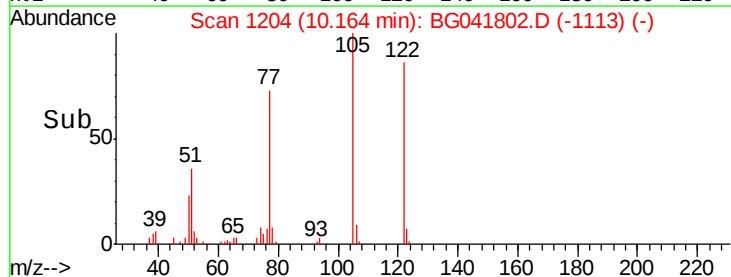
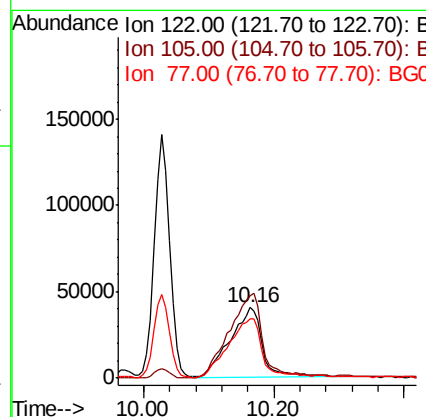
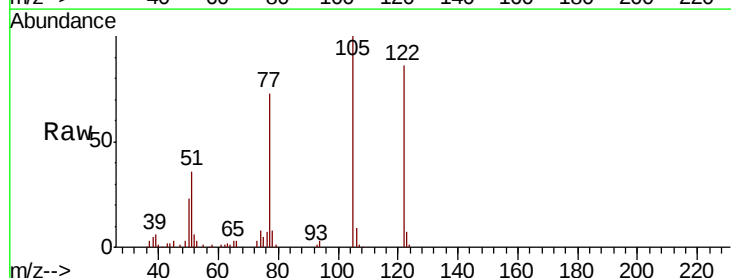
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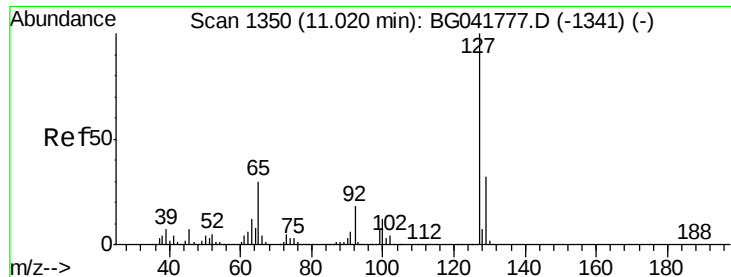
mohammad
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#32
Benzoic acid
Concen: 42.687 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.6	101.5	141.5
77	84.7	73.0	113.0





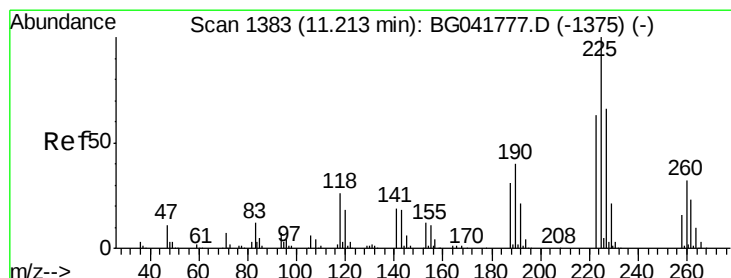
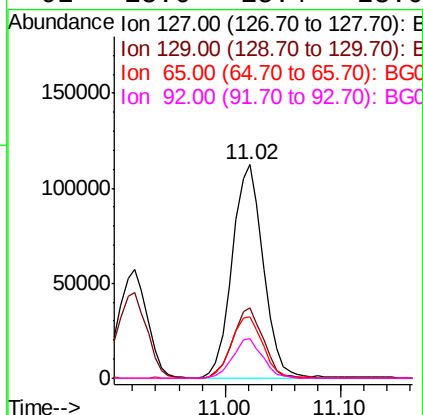
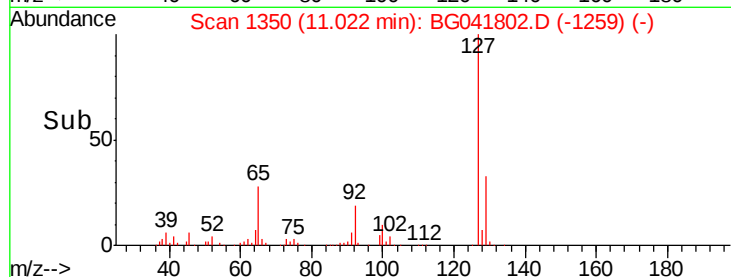
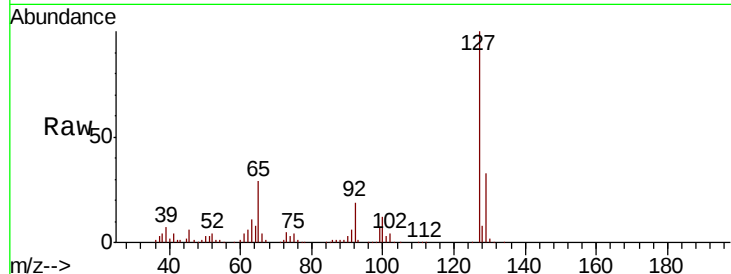
#33
4-Chloroaniline
Concen: 25.593 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	25.8	38.8	
65	28.8	26.7	40.1	
92	18.6	15.4	23.0	

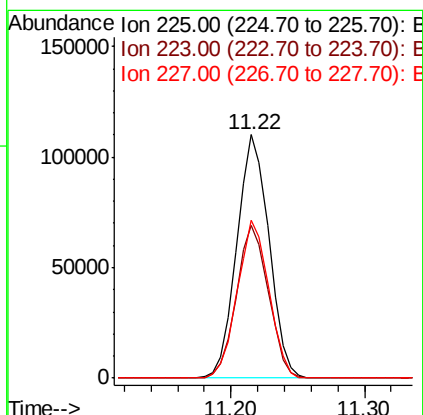
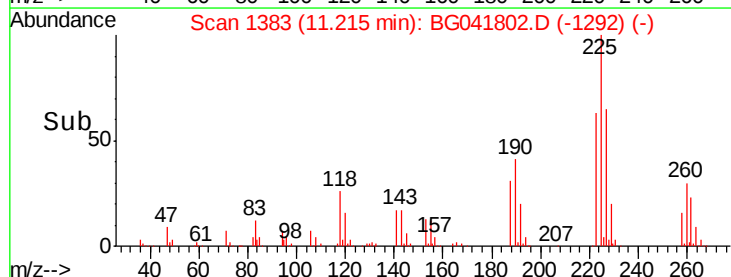
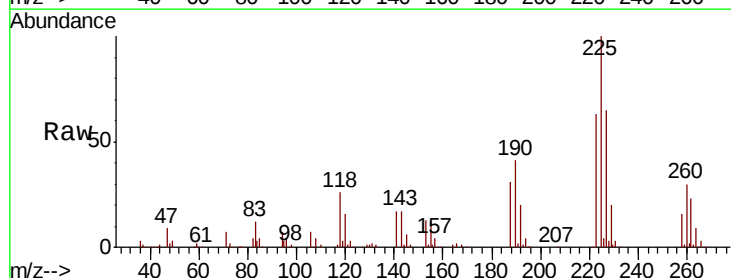
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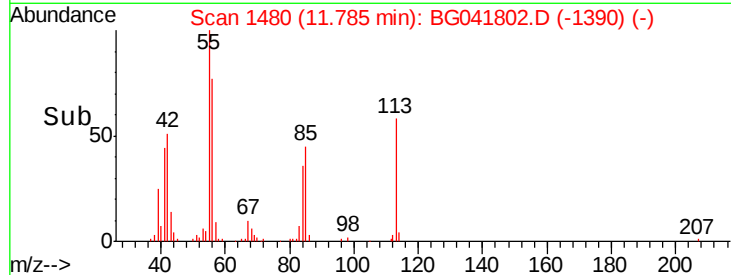
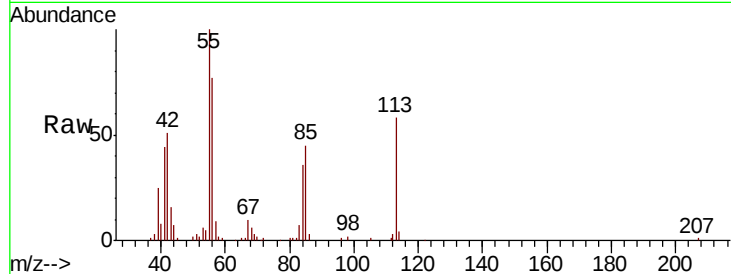
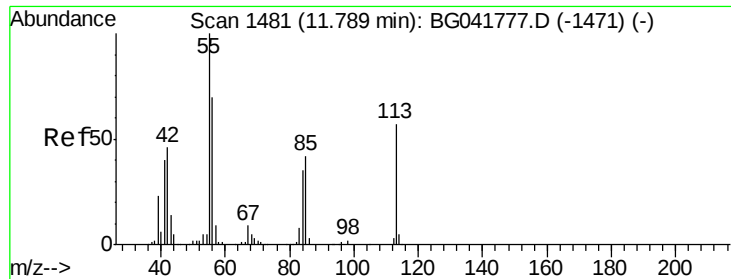
mohammad
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#34
Hexachlorobutadiene
Concen: 37.320 ng
RT: 11.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	51.1	76.7	
227	64.6	50.9	76.3	





#35

Caprolactam

Concen: 47.613 ng/mL

RT: 11.79 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

ClientSampleId :

PB121801BSD

Tot Ion:113 Resp: 95021

Ion Ratio Lower Upper

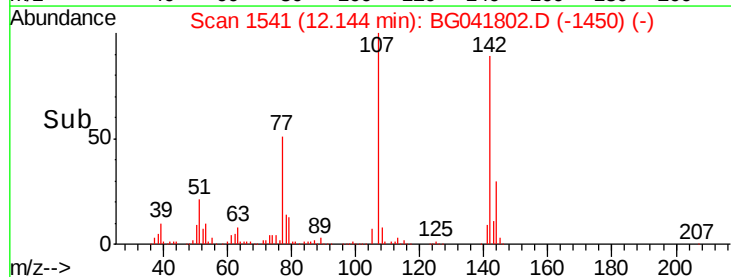
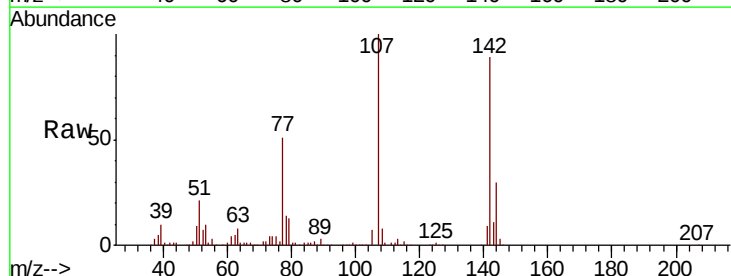
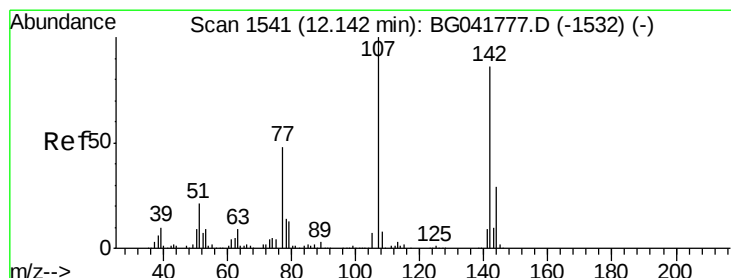
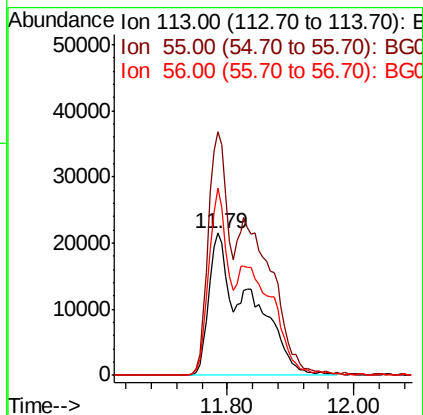
113 100

55 171.5 199.4 239.4#

56 132.2 133.6 173.6#

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#36

4-Chloro-3-methylphenol

Concen: 46.753 ng/mL

RT: 12.14 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

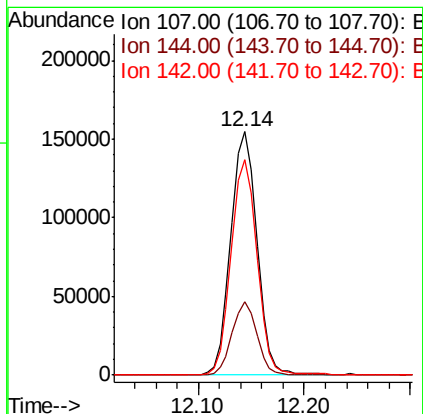
Tgt Ion:107 Resp: 266176

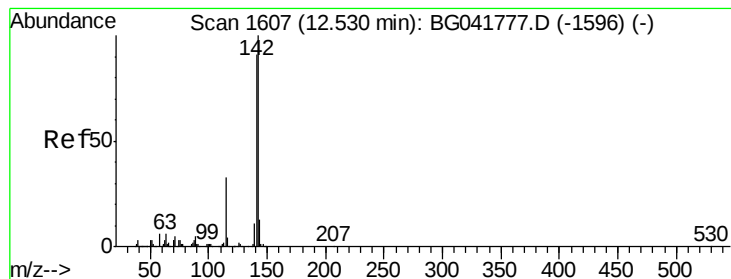
Ion Ratio Lower Upper

107 100

144 30.4 22.2 33.2

142 88.8 67.3 100.9





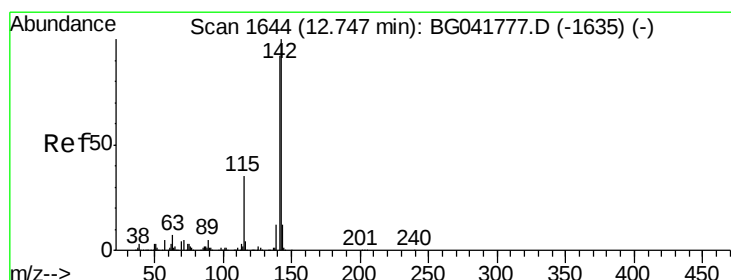
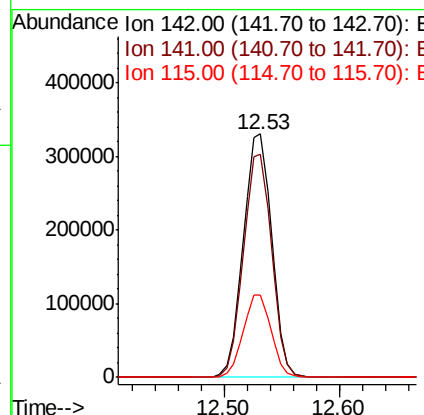
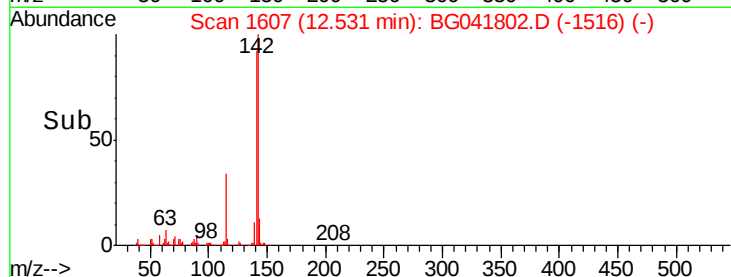
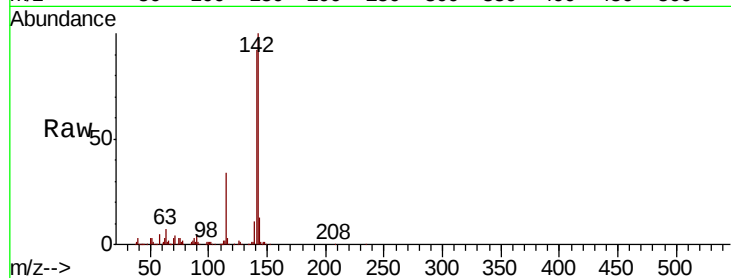
#37
2-Methylnaphthalene
Concen: 41.549 ng
RT: 12.53 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.7	109.1
115	33.7	27.0	40.4

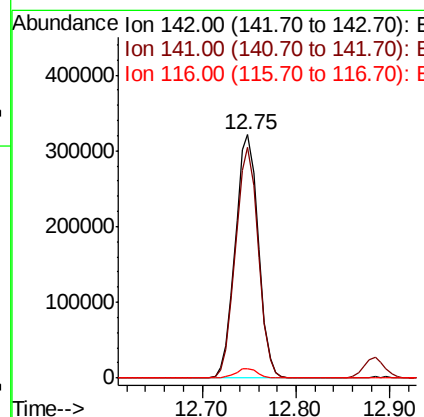
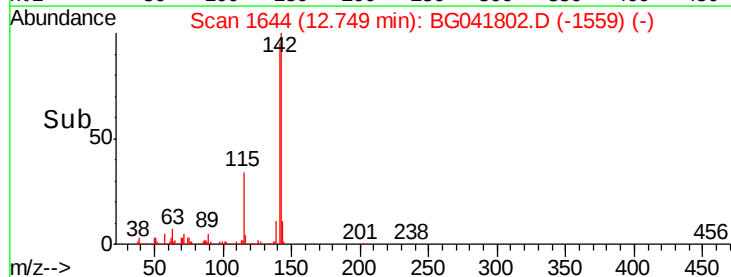
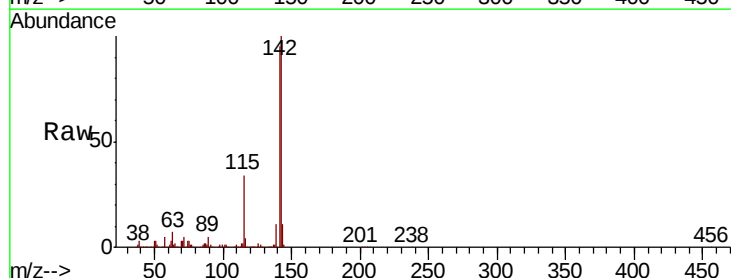
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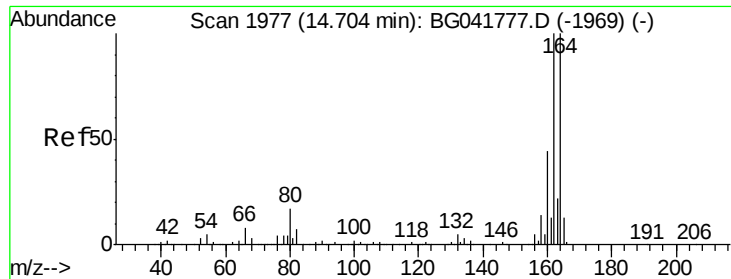
mohammad
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#38
1-Methylnaphthalene
Concen: 42.371 ng
RT: 12.75 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	75.4	113.2
116	3.9	3.2	4.8





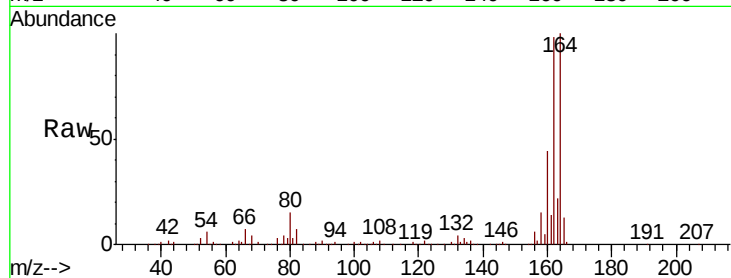
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1977
 Delta R.T. 0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB121801BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	281398		
162	98.1	79.6	119.4	
160	44.3	35.4	53.0	

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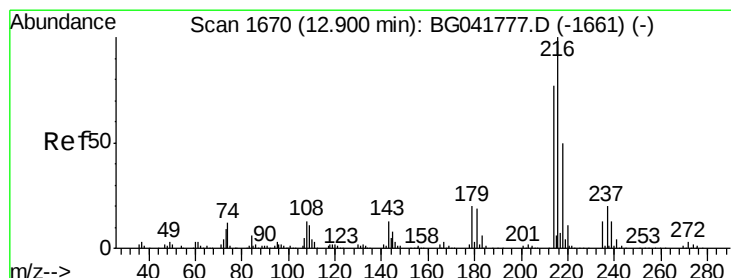
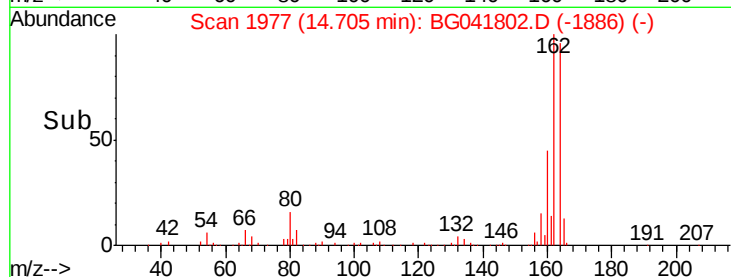
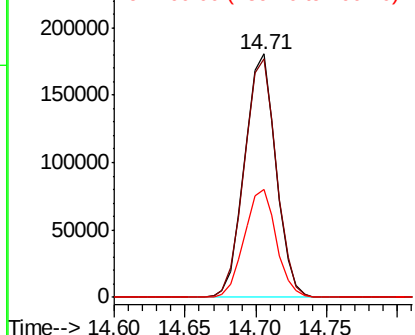


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.023 ng
 RT: 12.90 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	356500		
214	77.1	61.5	92.3	
179	19.1	16.2	24.2	
108	15.0	13.2	19.8	

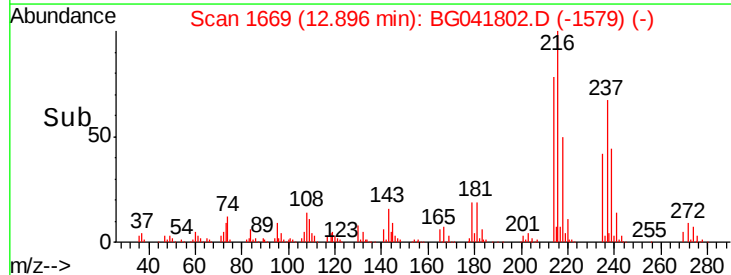
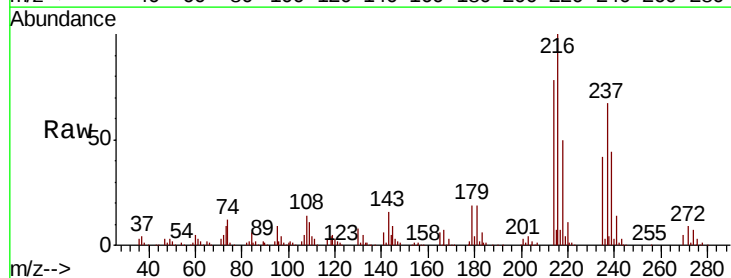
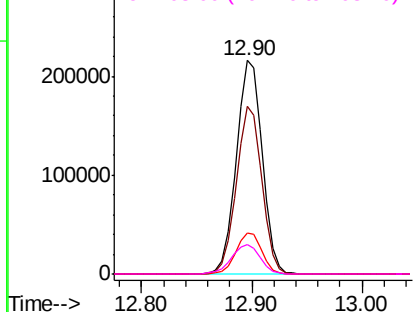
Abundance

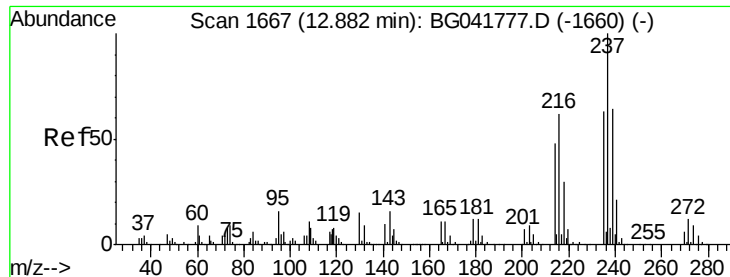
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 84.881 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

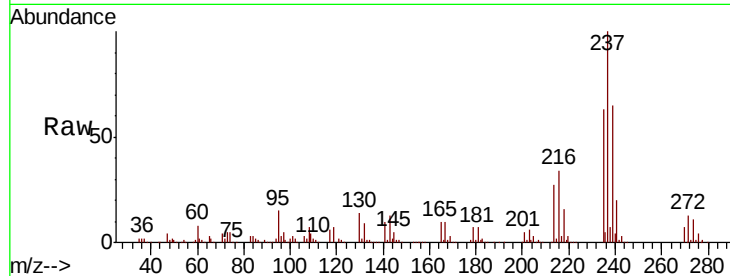
ClientSampleId :

PB121801BSD

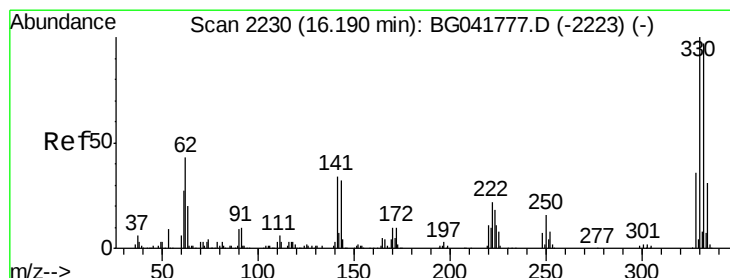
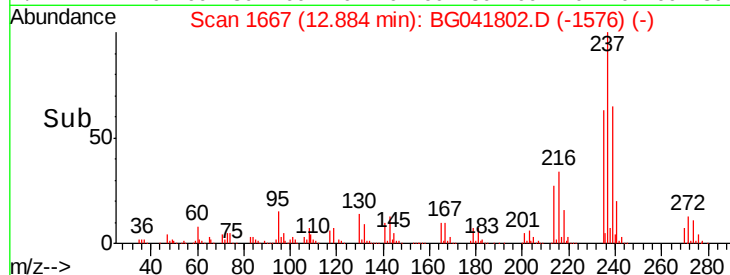
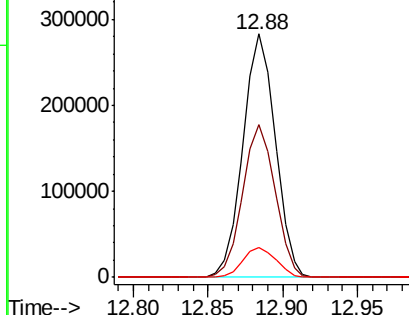
Tot Ion:	237	Resp:	425084
Ion Ratio	Lower	Upper	
237	100		
235	62.6	43.5	83.5
272	12.5	0.0	31.2

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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: 142.305 ng

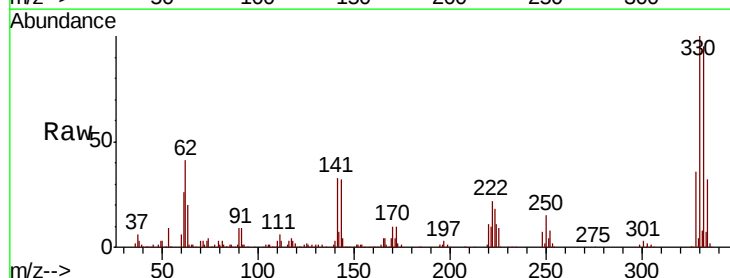
RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

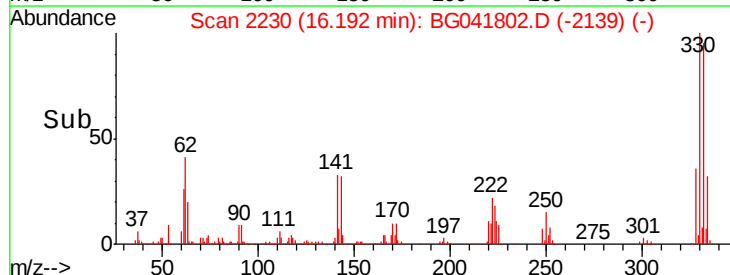
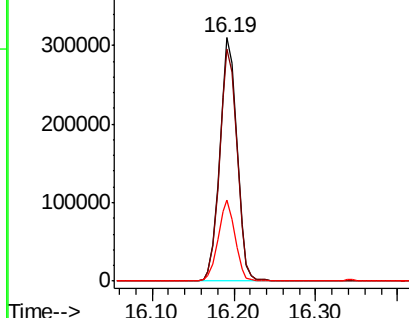
Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Tgt Ion:	330	Resp:	454849
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.4	116.0
141	32.6	31.9	47.9



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





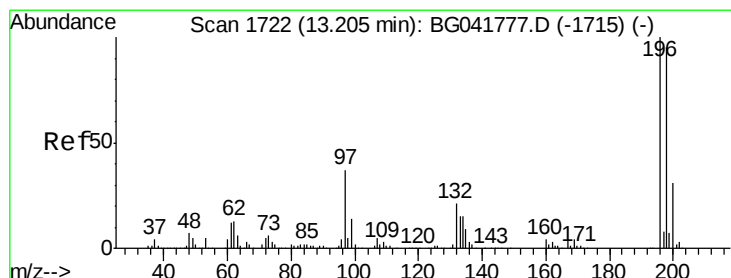
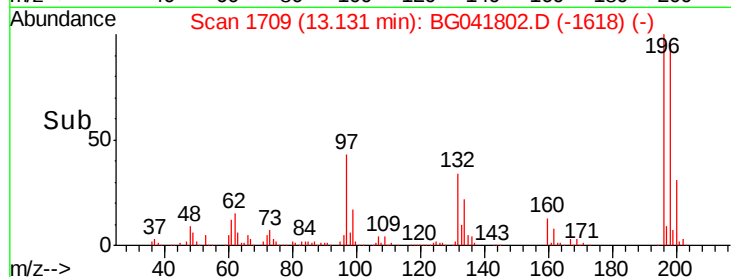
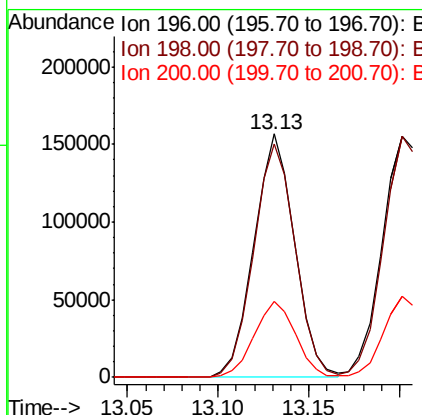
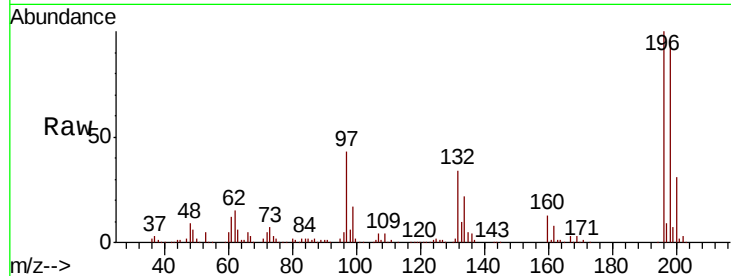
#43
 2,4,6-Trichlorophenol
 Concen: 43.282 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB121801BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	243674		
198	95.8	79.6	119.4	
200	31.3	25.2	37.8	

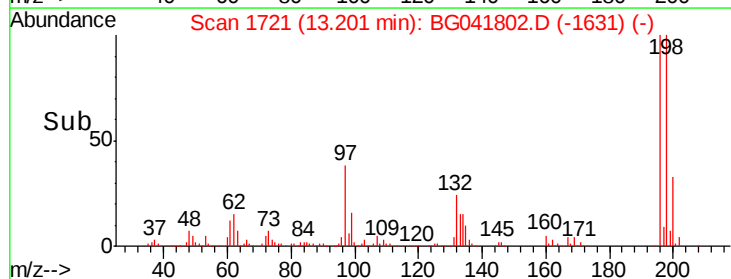
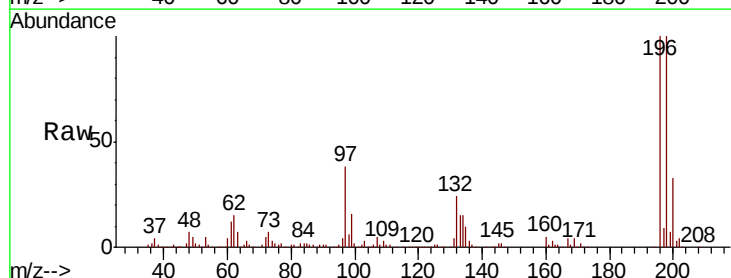
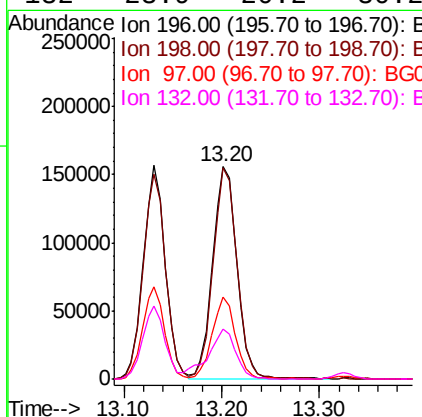
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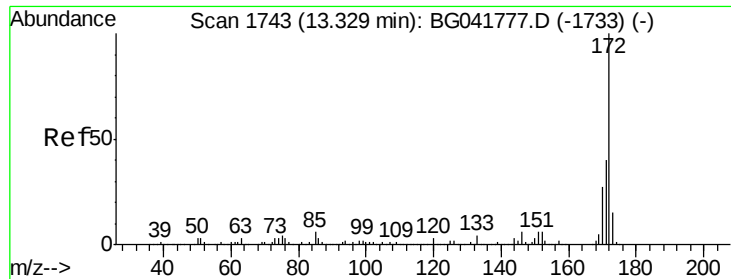
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 45.825 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	268097		
198	100.0	80.6	121.0	
97	38.4	33.9	50.9	
132	23.9	20.2	30.2	





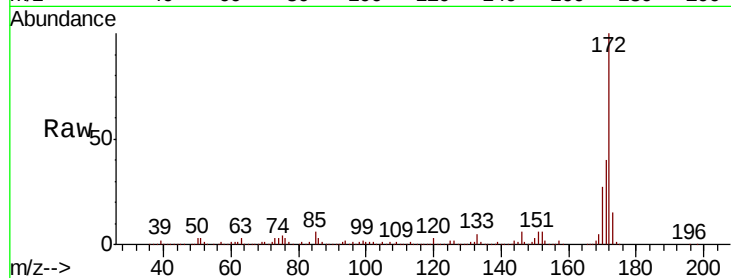
#45
 2-Fluorobiphenyl
 Concen: 83.643 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB121801BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.3	35.0	52.4
170	26.6	23.5	35.3

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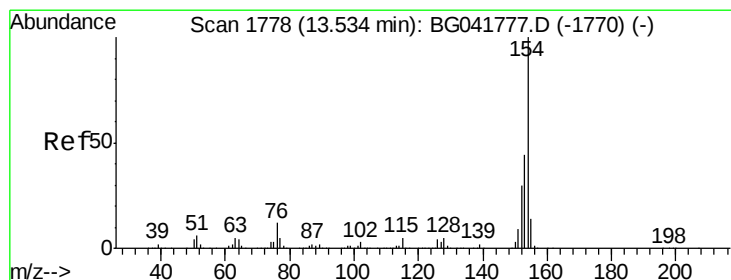
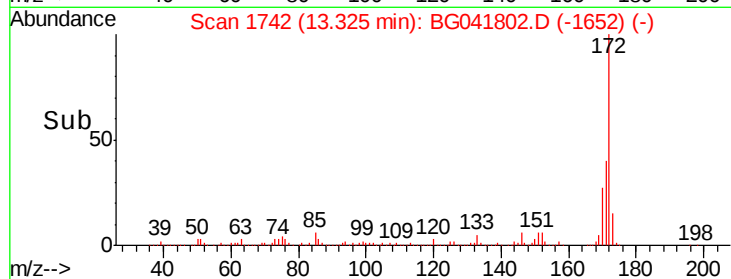
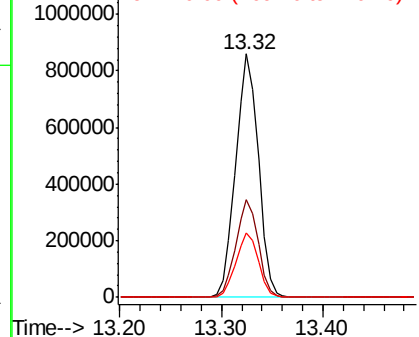


Abundance

Ion 172.00 (171.70 to 172.70): E

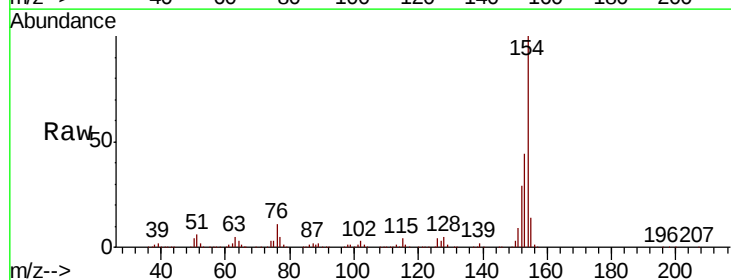
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 40.780 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.6	25.0	65.0
76	11.4	0.0	34.5

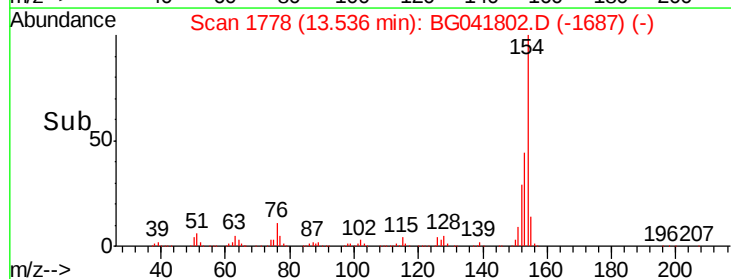
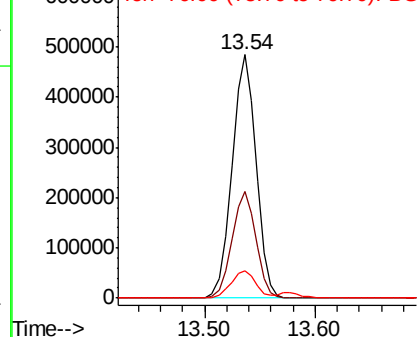


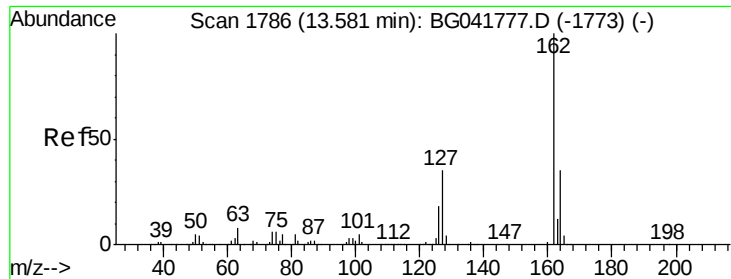
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 39.061 ng

RT: 13.58 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

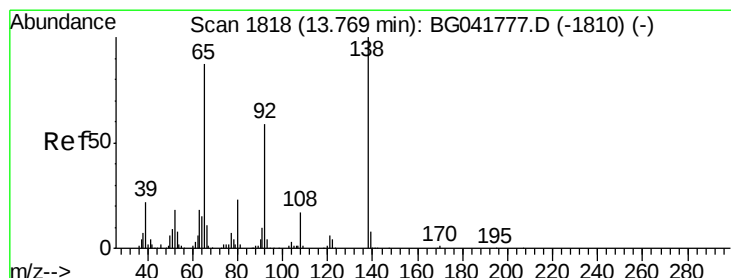
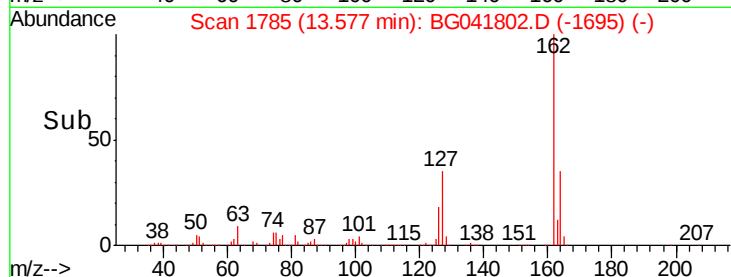
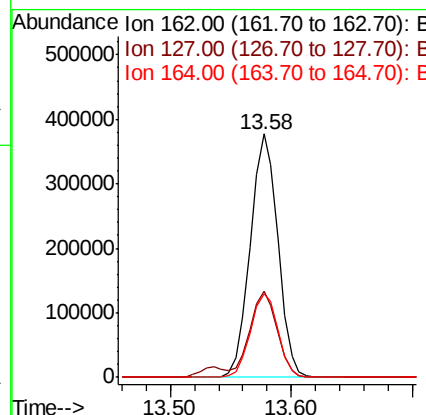
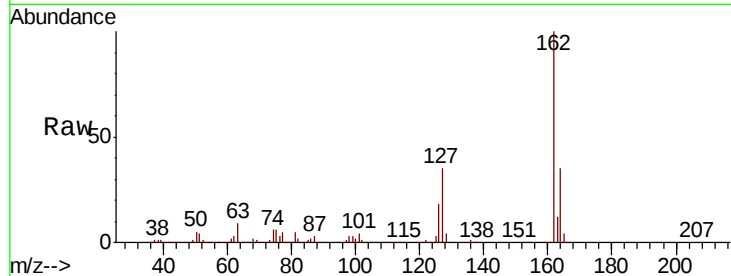
ClientSampleId :

PB121801BSD

Tot Ion:	162	Resp:	601582
Ion Ratio	Lower	Upper	
162	100		
127	35.2	30.4	45.6
164	34.5	28.6	42.8

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#48

2-Nitroaniline

Concen: 45.625 ng

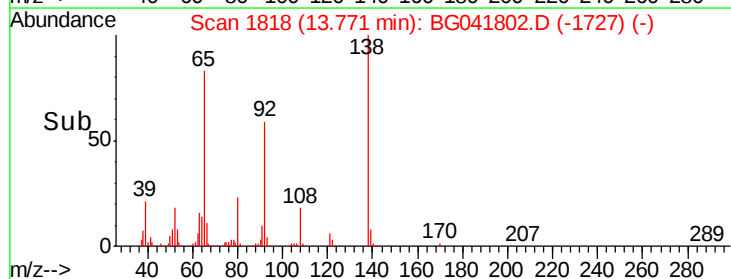
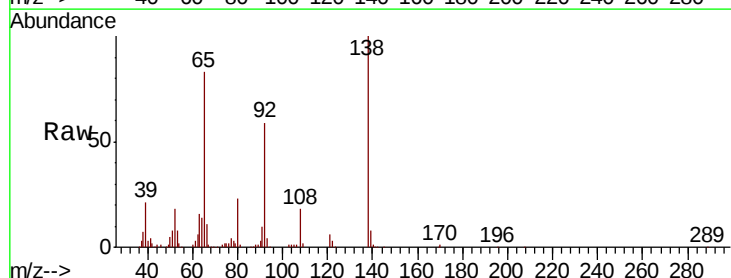
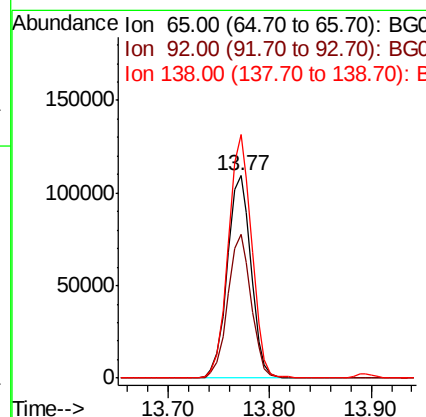
RT: 13.77 min Scan# 1818

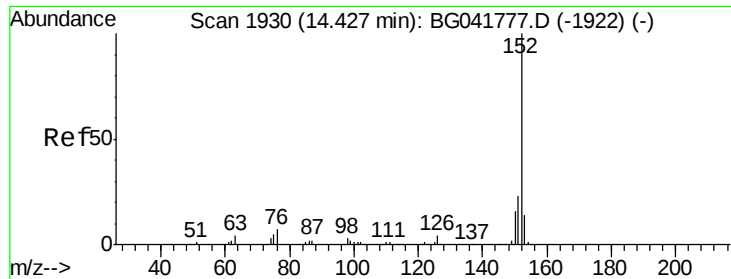
Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Tgt Ion:	65	Resp:	178210
Ion Ratio	Lower	Upper	
65	100		
92	71.3	53.9	80.9
138	120.2	83.5	125.3





#49

Acenaphthylene

Concen: 41.859 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

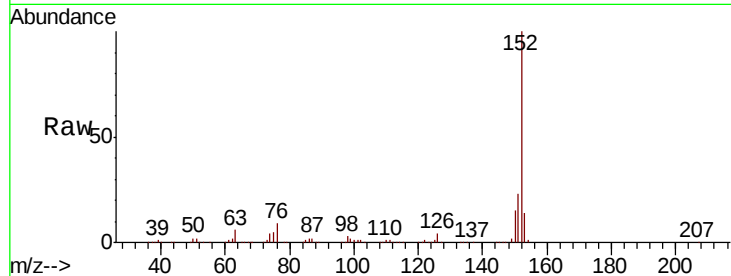
ClientSampleId :

PB121801BSD

Tot Ion:	152	Resp:	964325
Ion Ratio	Lower	Upper	
152	100		
151	22.6	18.7	28.1
153	13.8	12.4	18.6

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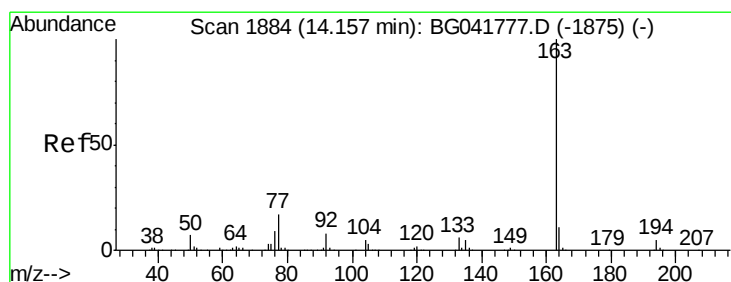
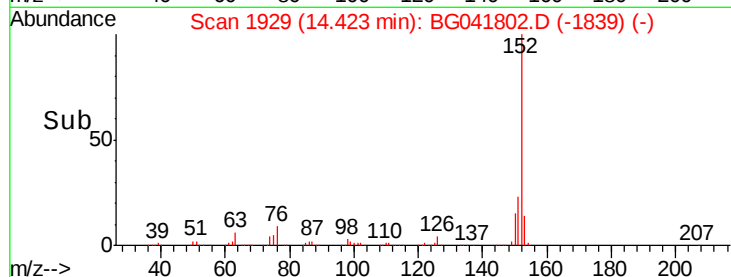
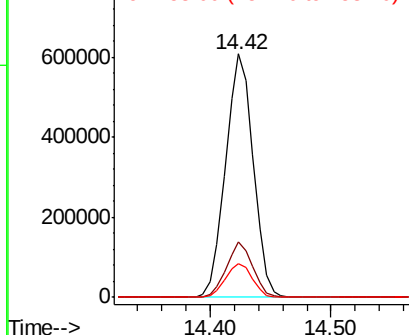


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.268 ng

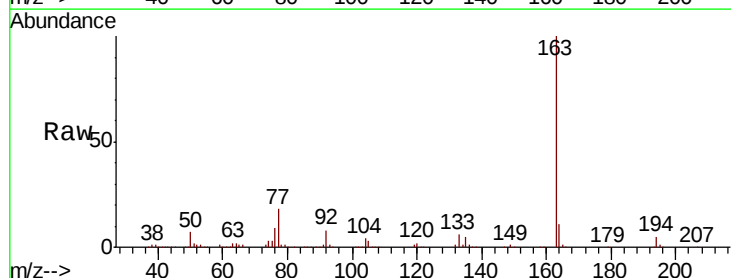
RT: 14.15 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Tgt Ion:	163	Resp:	812322
Ion Ratio	Lower	Upper	
163	100		
194	5.3	4.2	6.2
164	11.5	9.4	14.2

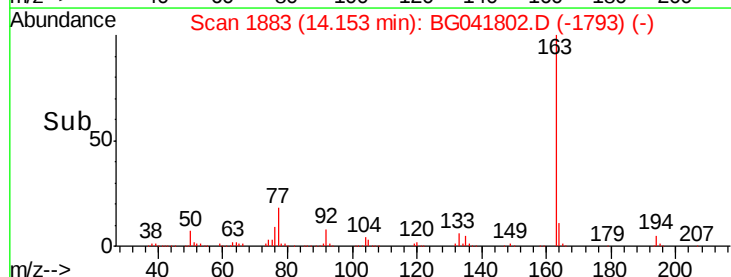
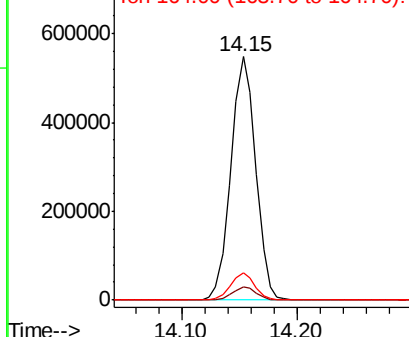


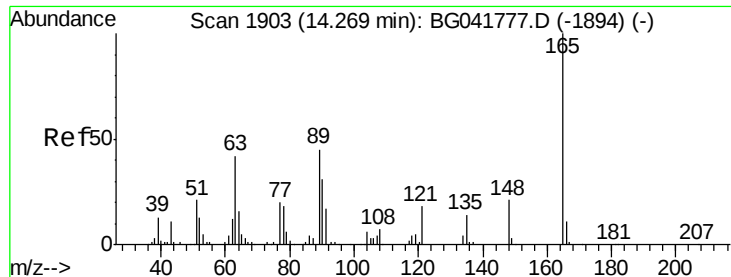
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





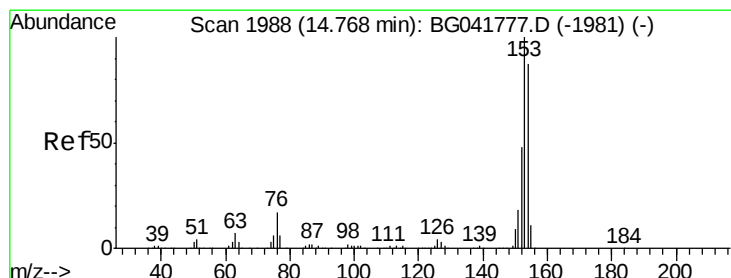
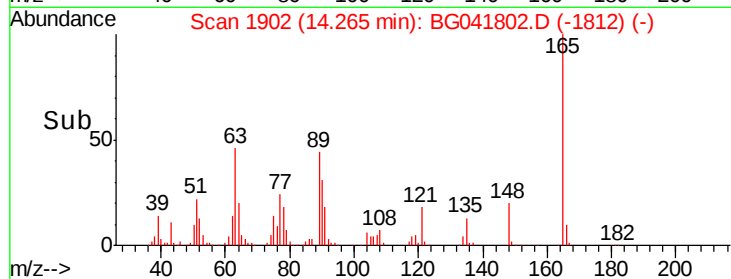
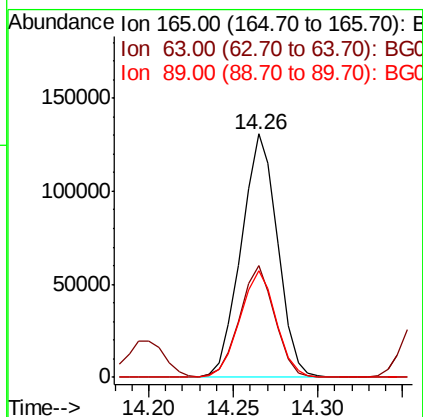
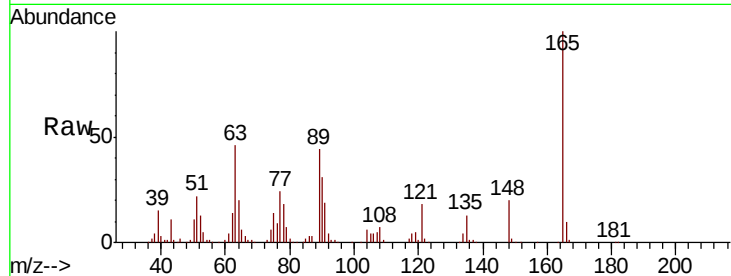
#51
2,6-Dinitrotoluene
Concen: 48.675 ng
RT: 14.26 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	45.9	42.4	63.6
89	43.9	42.1	63.1

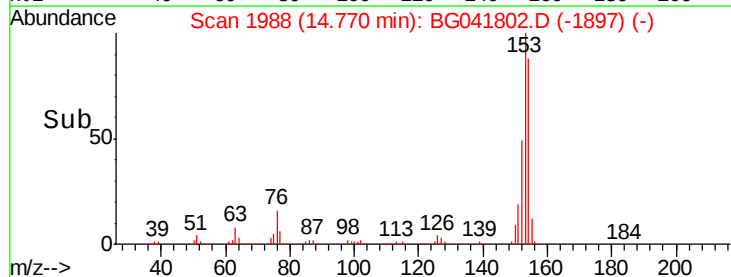
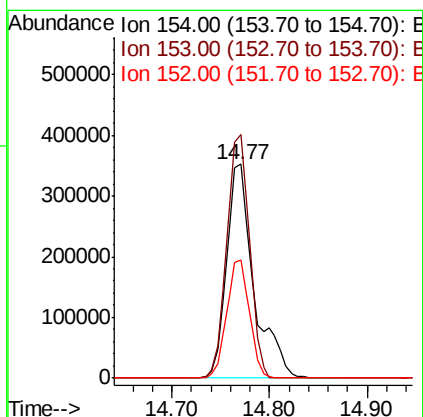
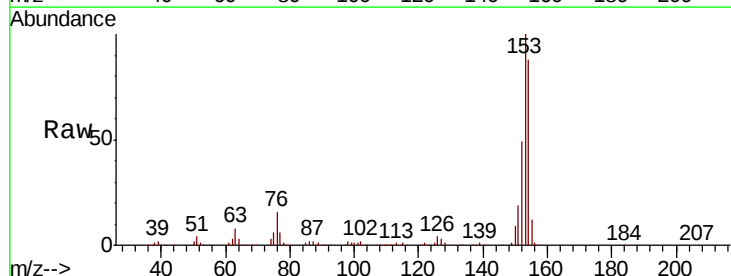
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#52
Acenaphthene
Concen: 45.837 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.7	89.8	134.6
152	55.3	44.9	67.3





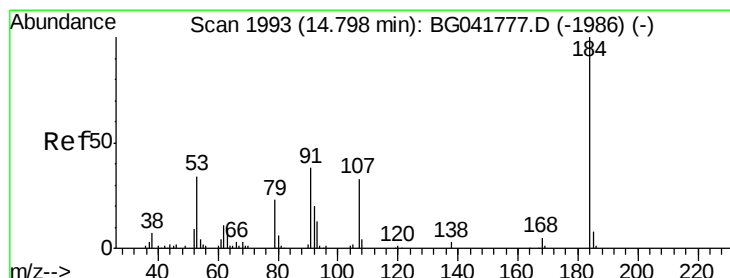
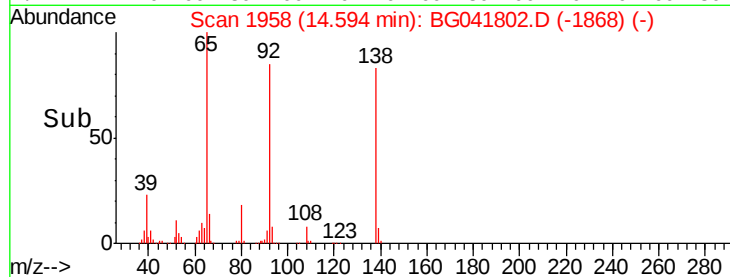
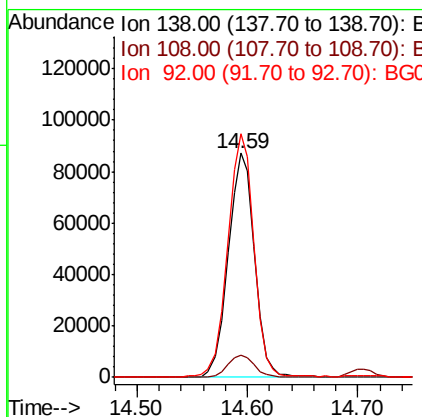
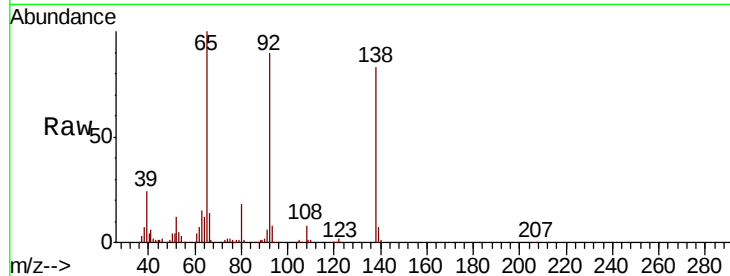
#53
3-Nitroaniline
Concen: 33.728 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	10.3	15.5#
92	108.5	93.0	139.4

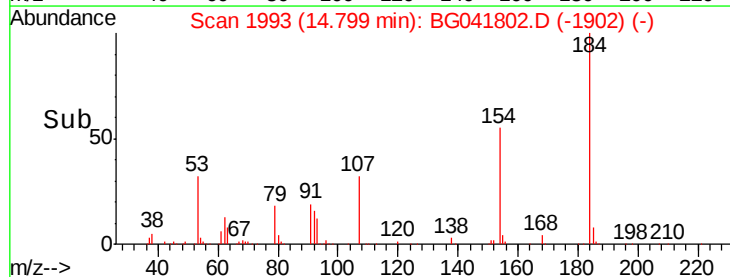
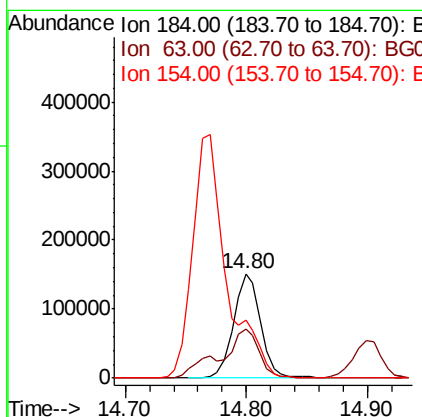
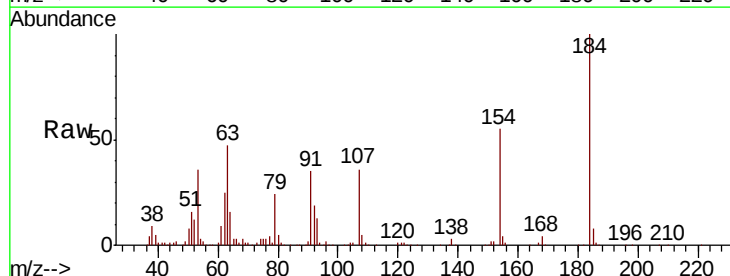
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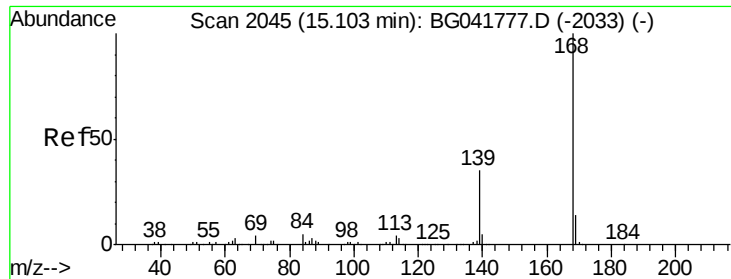
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#54
2,4-Dinitrophenol
Concen: 91.504 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.4	43.2	64.8
154	55.1	51.4	77.2





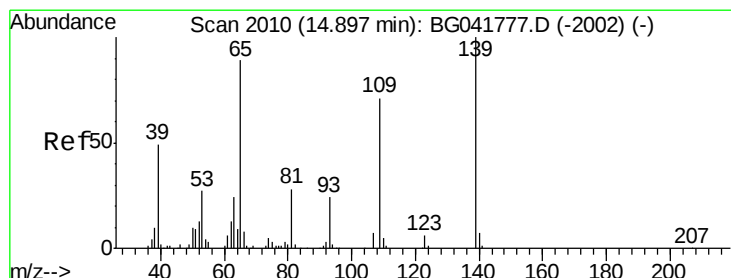
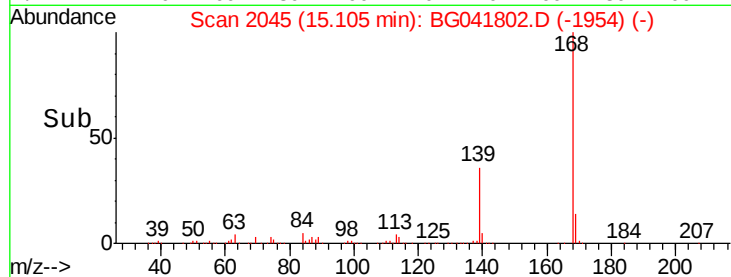
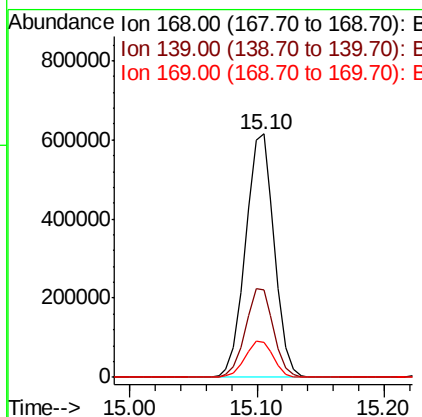
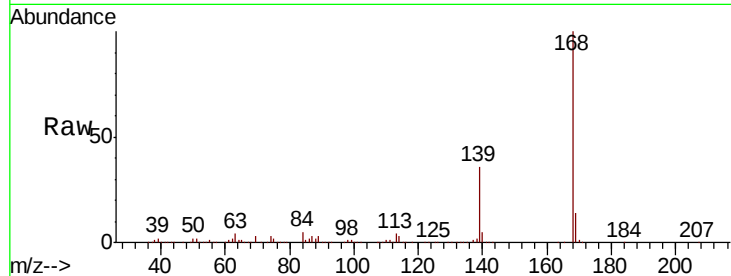
#55
Dibenzenofuran
Concen: 42.006 ng
RT: 15.10 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	962680		
139	36.1		31.9	47.9
169	14.4		12.5	18.7

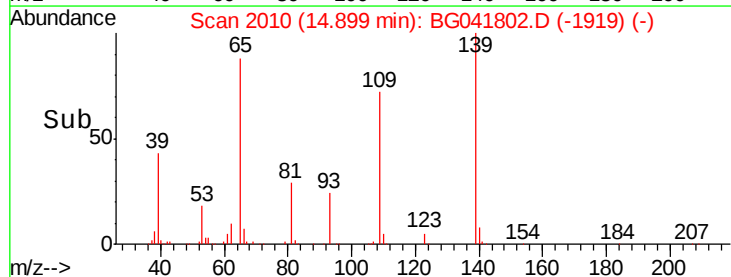
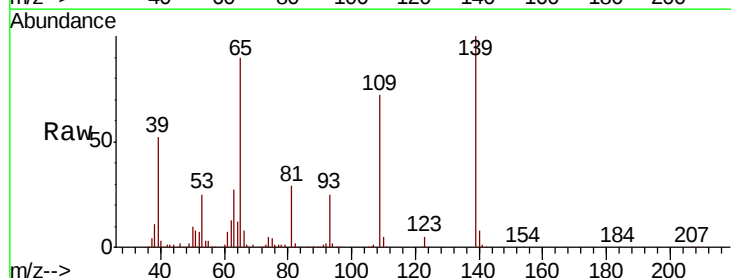
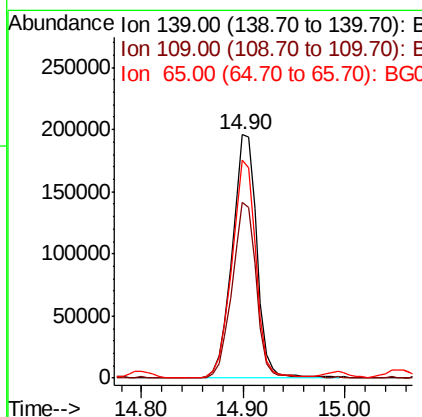
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#56
4-Nitrophenol
Concen: 101.003 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	329610		
109	71.9		51.3	91.3
65	89.6		77.6	117.6





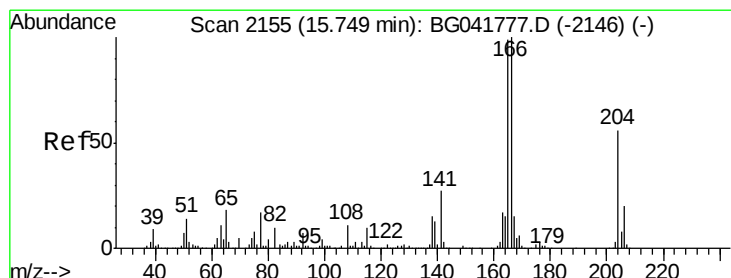
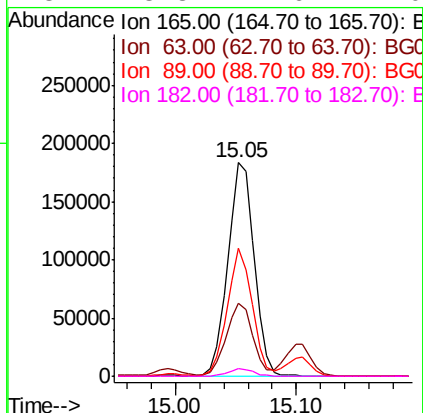
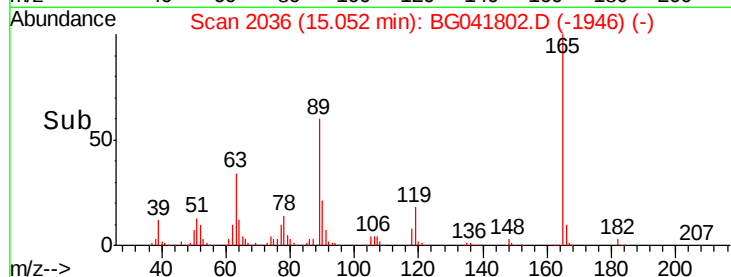
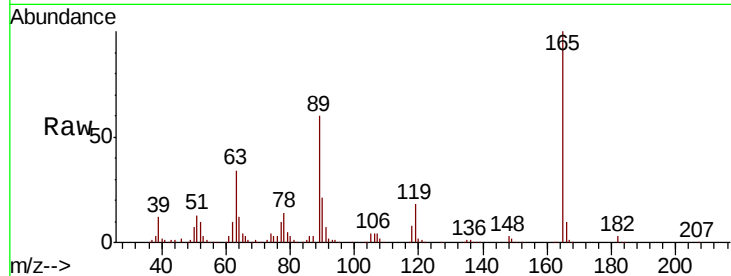
#57
2,4-Dinitrotoluene
Concen: 50.405 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	278560		
63	34.1		31.7	47.5
89	60.1		50.2	75.4
182	3.3		2.6	4.0

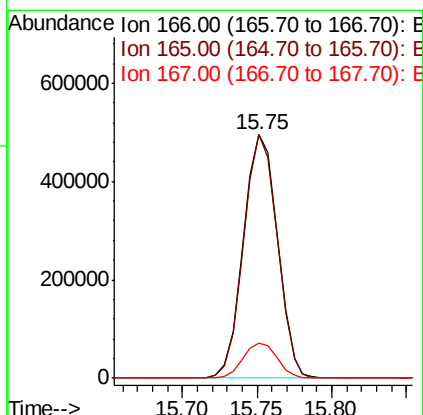
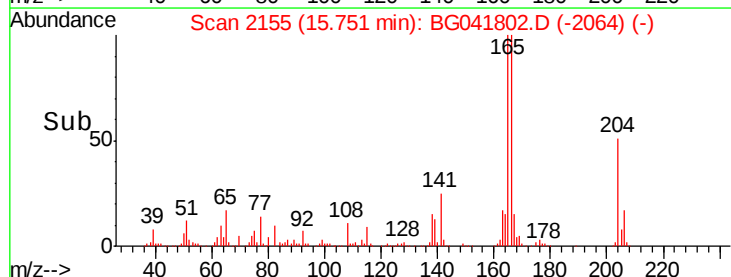
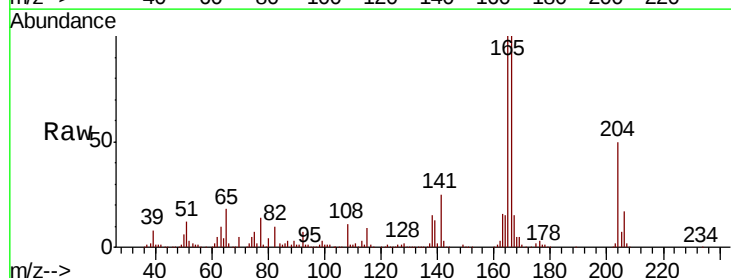
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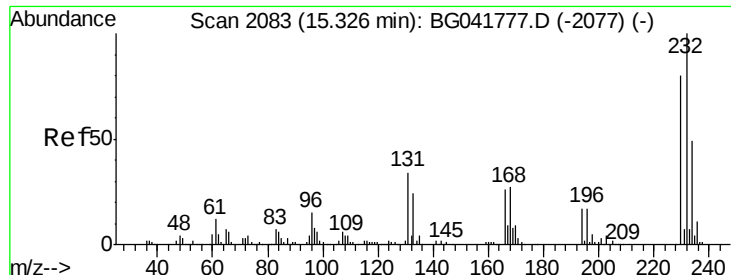
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#58
Fluorene
Concen: 42.419 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	780152		
165	99.8		80.5	120.7
167	14.6		12.4	18.6





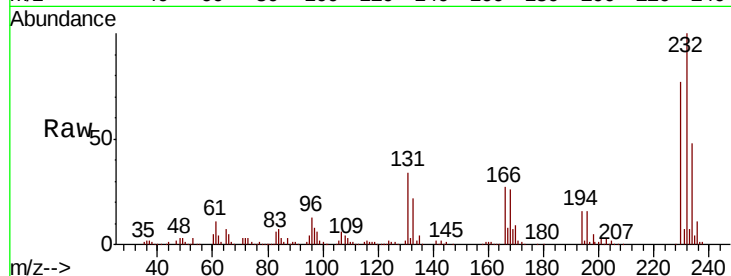
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.720 ng
 RT: 15.33 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB121801BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	34.1	31.8	47.6
130	1.9	1.8	2.8
166	26.3	23.5	35.3

Manual Integrations
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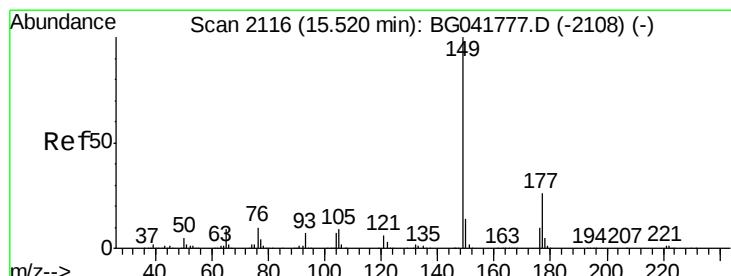
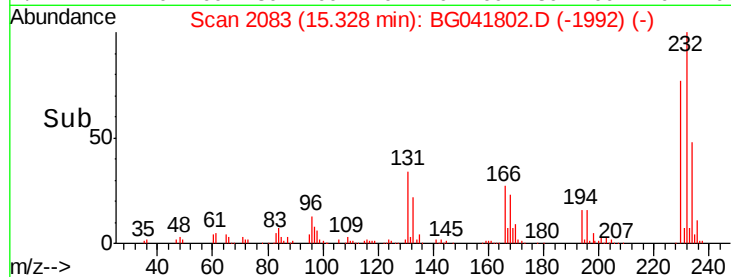
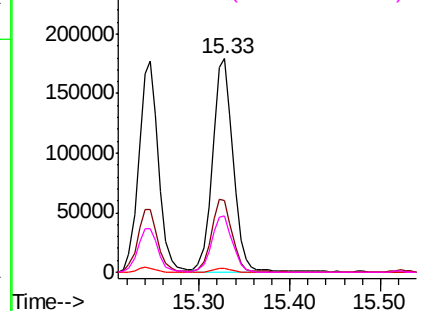
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

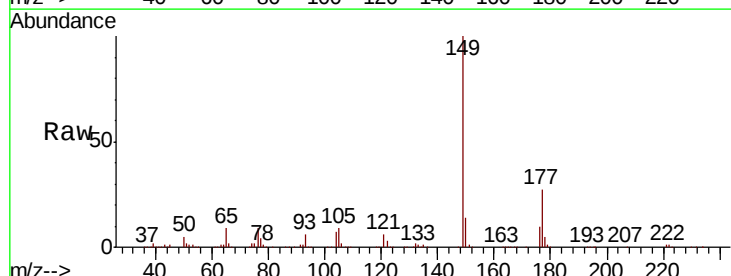
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.207 ng
 RT: 15.52 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	26.6	20.7	31.1
150	14.3	11.5	17.3

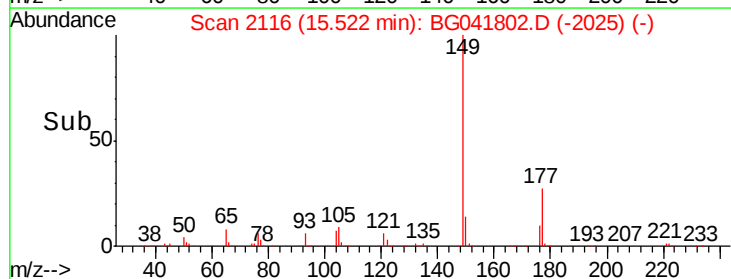
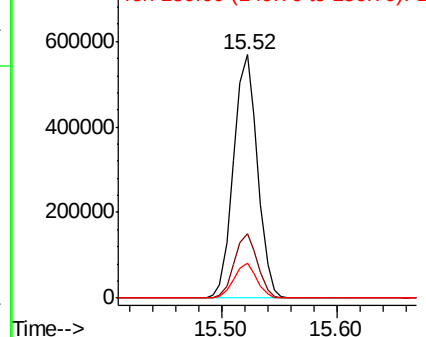


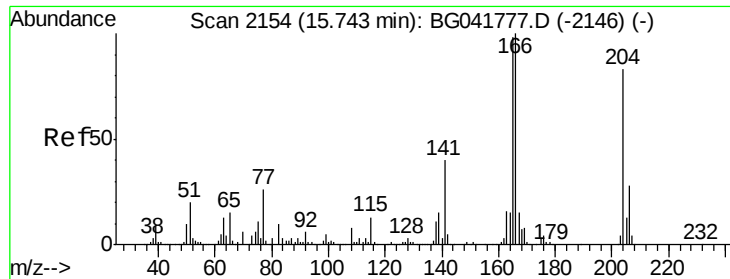
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





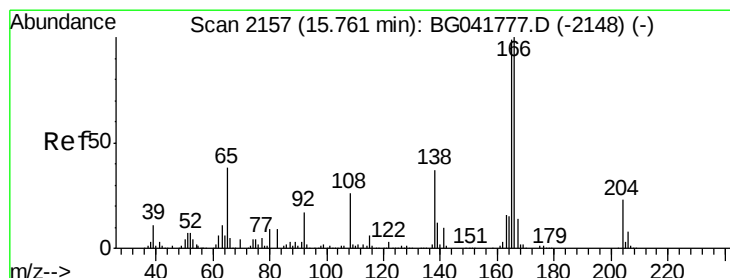
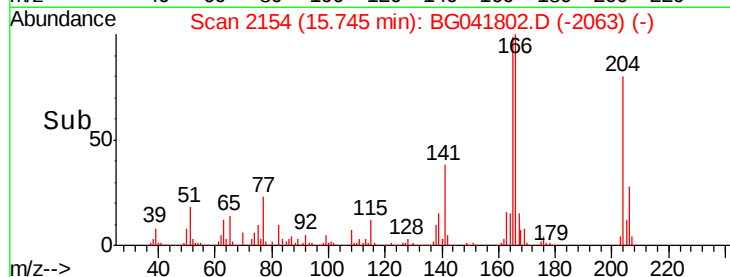
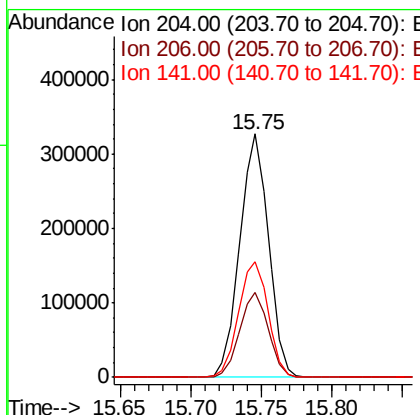
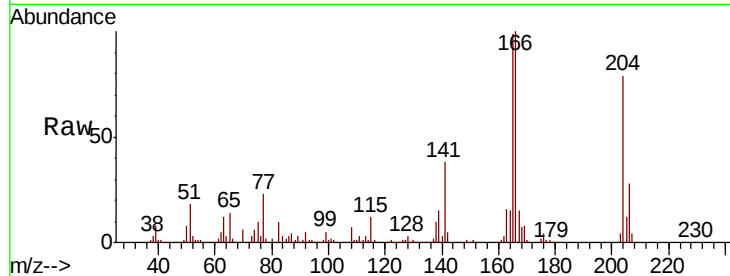
#61
4-Chlorophenyl-phenylether
Concen: 41.407 ng
RT: 15.75 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	464910		
206	34.7	28.6	42.8	
141	47.5	42.9	64.3	

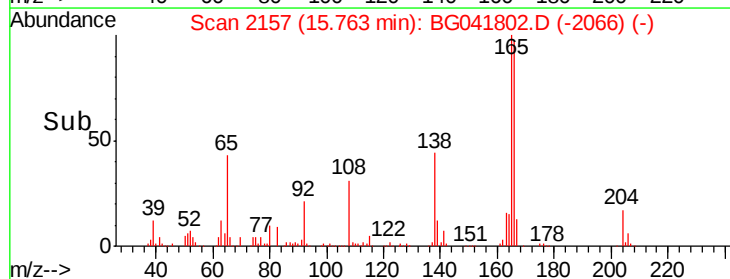
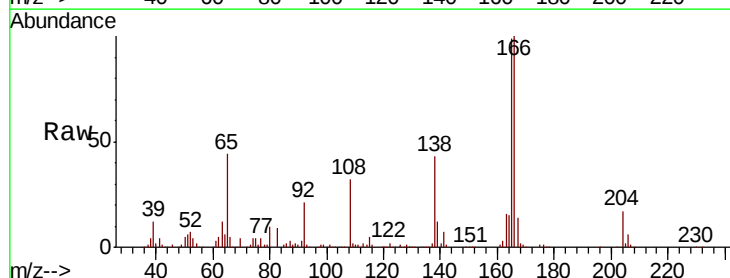
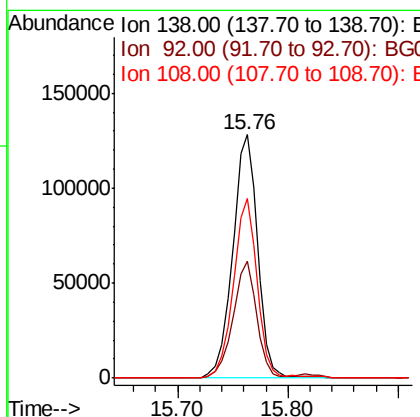
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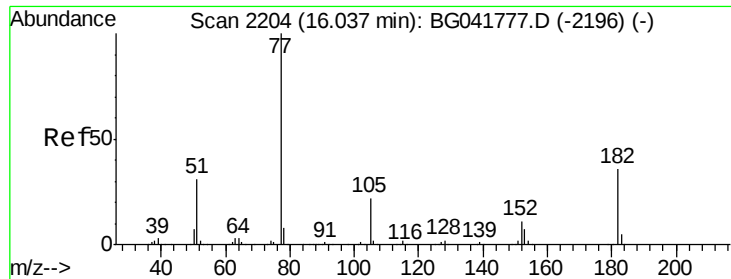
mohammad
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#62
4-Nitroaniline
Concen: 43.577 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	202921		
92	48.2	29.8	69.8	
108	73.8	52.2	92.2	





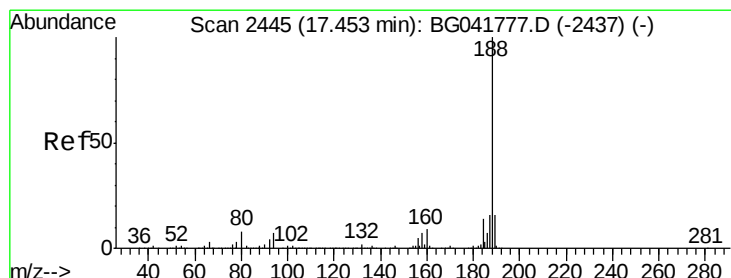
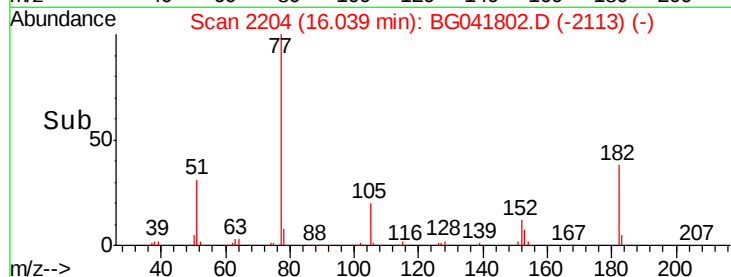
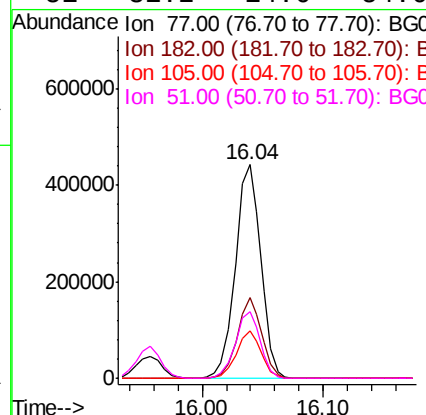
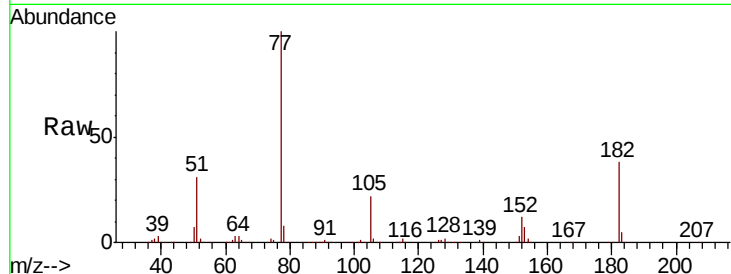
#63
Azobenzene
Concen: 41.956 ng
RT: 16.04 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	37.7	13.2	53.2
105	22.0	2.2	42.2
51	31.2	14.6	54.6

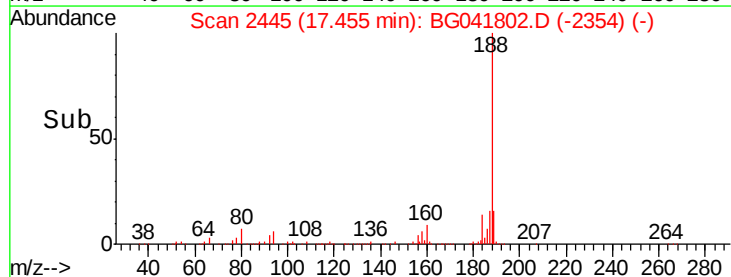
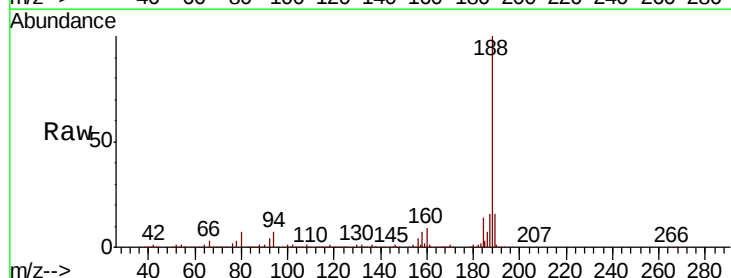
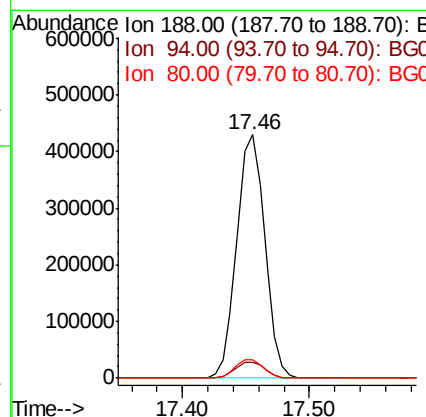
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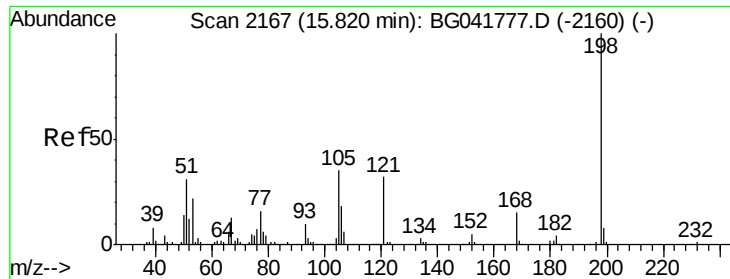
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	7.4	8.0	12.0#





#65

4,6-Dinitro-2-methylphenol

Concen: 48.507 ng

RT: 15.82 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

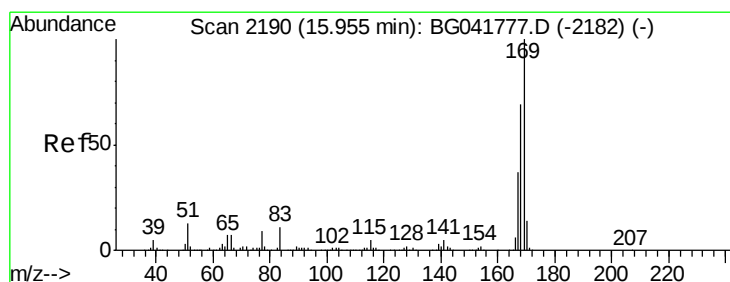
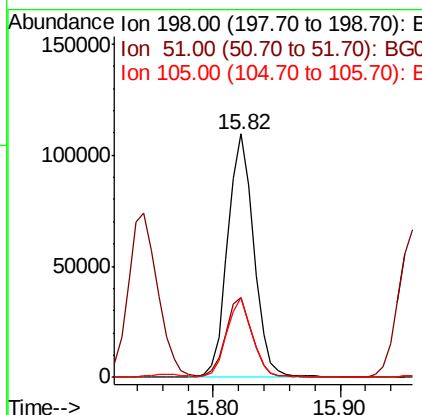
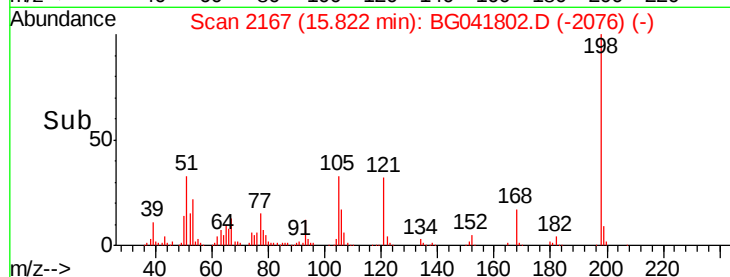
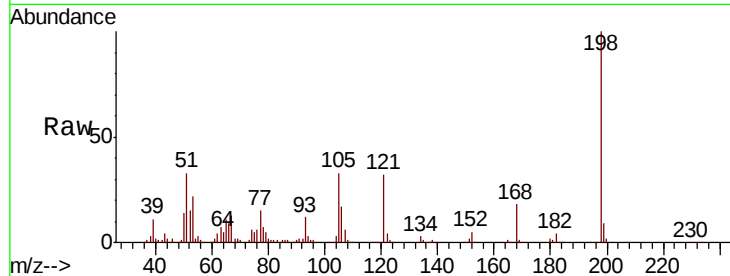
ClientSampleId :

PB121801BSD

Tot Ion:	198	Resp:	156487
Ion Ratio	Lower	Upper	
198	100		
51	33.0	22.3	62.3
105	33.0	18.0	58.0

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#66

n-Nitrosodiphenylamine

Concen: 41.883 ng

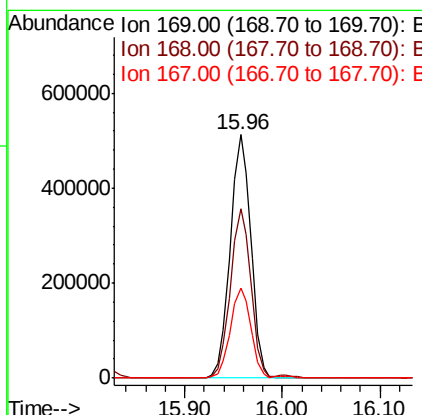
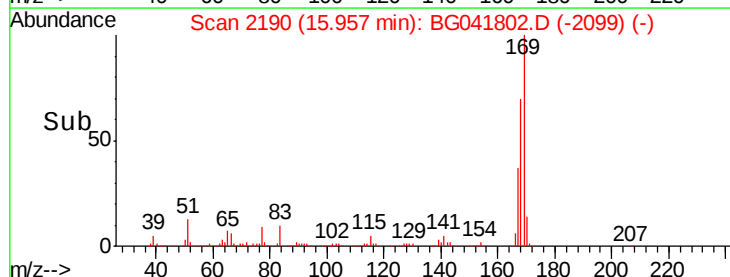
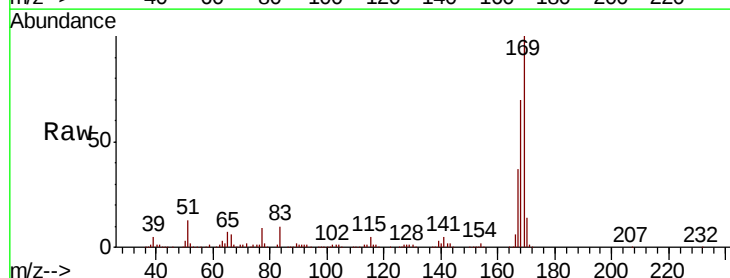
RT: 15.96 min Scan# 2190

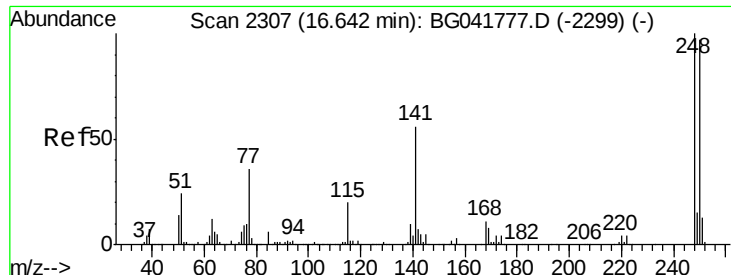
Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Tgt Ion:	169	Resp:	750675
Ion Ratio	Lower	Upper	
169	100		
168	69.7	56.9	85.3
167	37.2	31.5	47.3





#67

4-Bromophenyl-phenylether

Concen: 40.106 ng

RT: 16.64 min Scan# 2306

Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

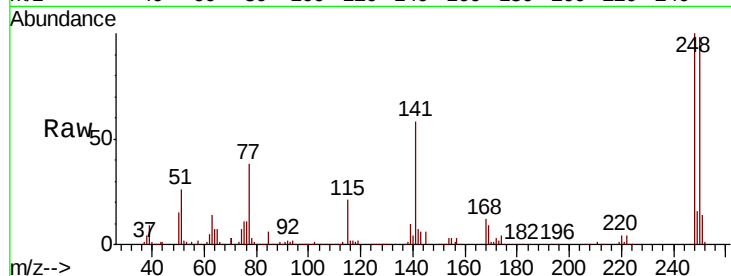
ClientSampleId :

PB121801BSD

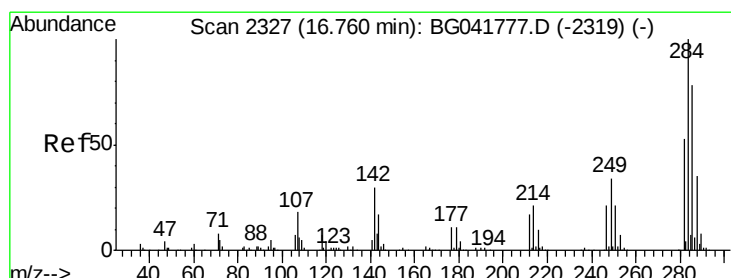
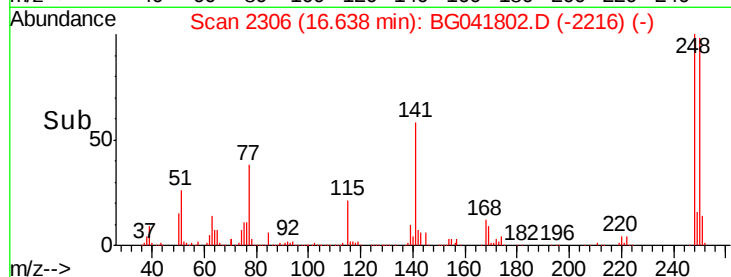
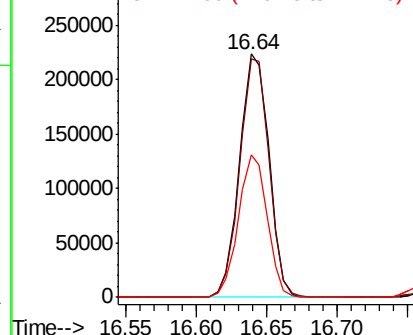
Tot Ion:	248	Resp:	325067
Ion Ratio	Lower	Upper	
248	100		
250	97.7	78.1	117.1
141	58.3	49.6	74.4

Manual Integrations
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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 39.411 ng

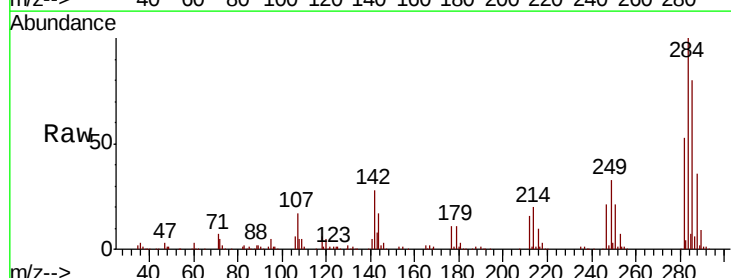
RT: 16.76 min Scan# 2327

Delta R.T. 0.00 min

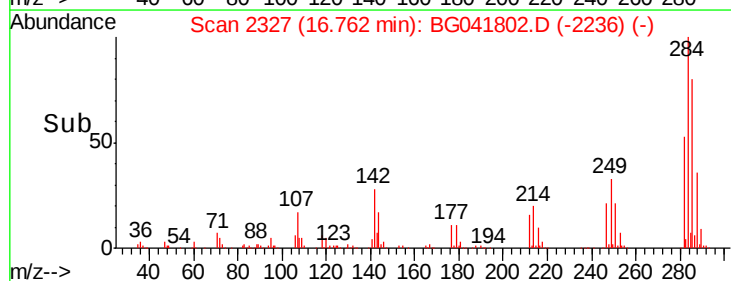
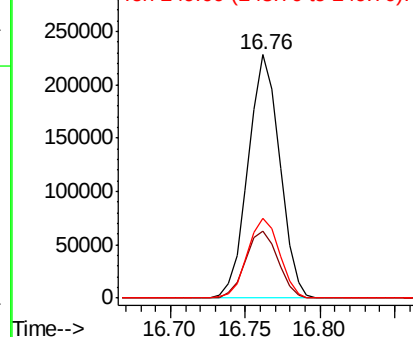
Lab File: BG041802.D

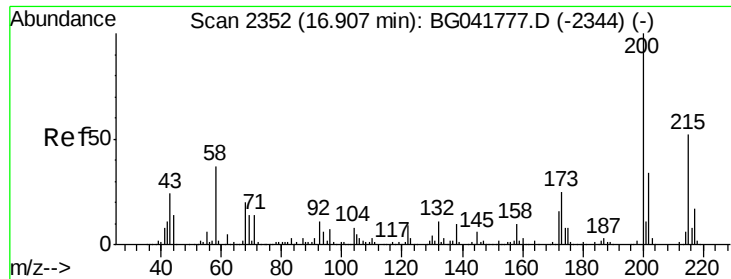
Acq: 30 Jul 2019 15:20

Tgt Ion:	284	Resp:	334186
Ion Ratio	Lower	Upper	
284	100		
142	27.7	27.0	40.6
249	32.7	28.4	42.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





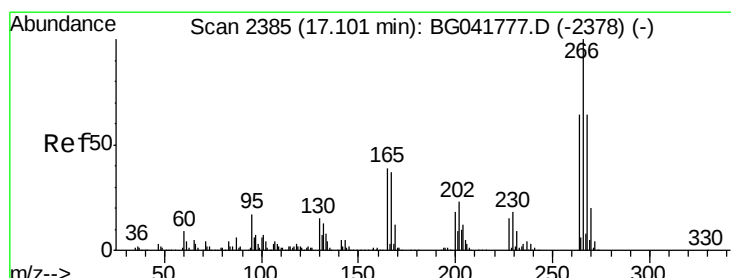
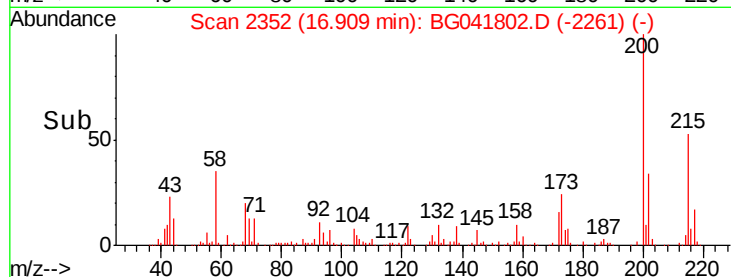
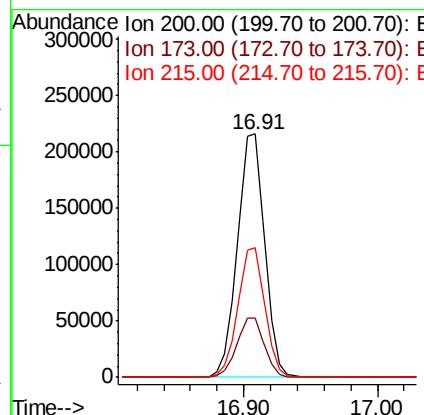
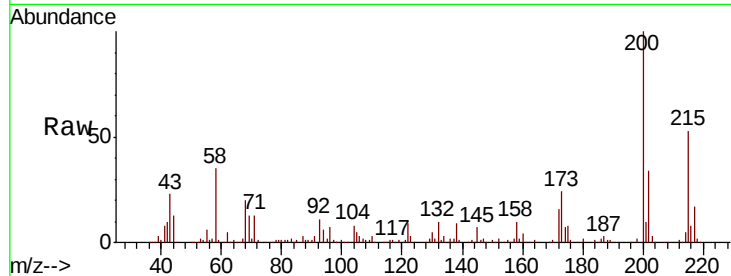
#69
 Atrazine
 Concen: 43.600 ng
 RT: 16.91 min Scan# 2352
 Delta R.T. 0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB121801BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	307037		
173	24.4	5.3	45.3	
215	53.2	31.8	71.8	

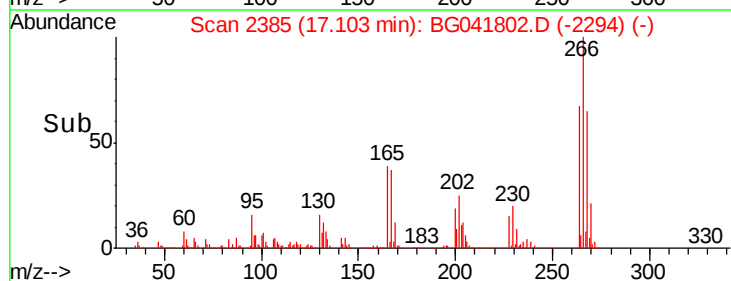
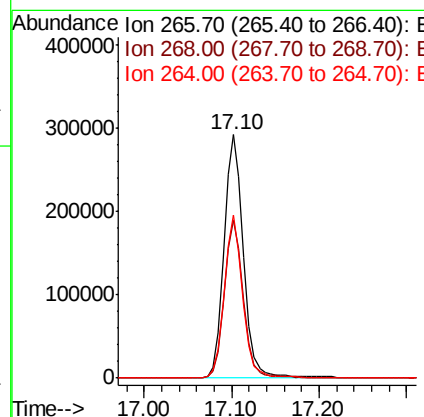
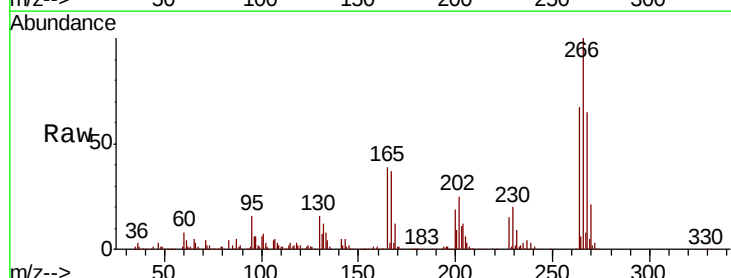
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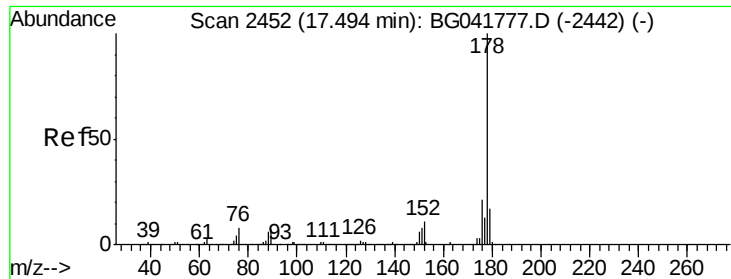
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#70
 Pentachlorophenol
 Concen: 93.230 ng
 RT: 17.10 min Scan# 2385
 Delta R.T. 0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	449094		
268	64.9	52.9	79.3	
264	66.9	51.4	77.2	





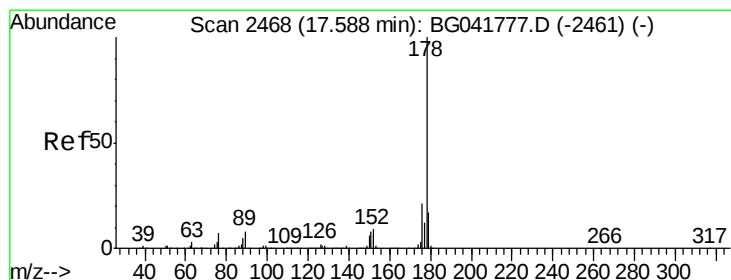
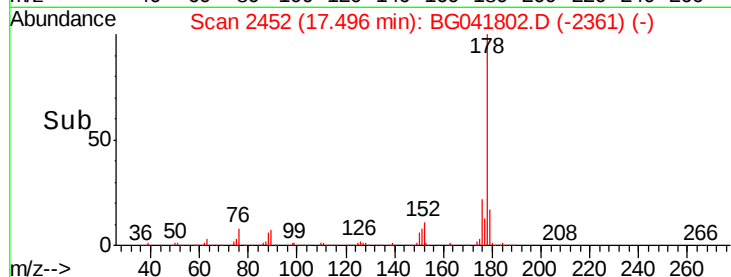
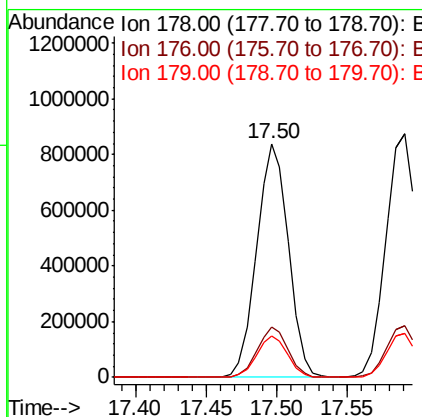
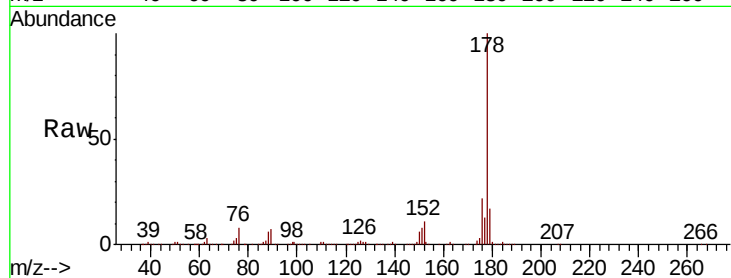
#71
Phenanthrene
Concen: 41.972 ng
RT: 17.50 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tot Ion:178 Resp: 1323767
Ion Ratio Lower Upper
178 100
176 21.6 18.6 28.0
179 17.4 15.4 23.0

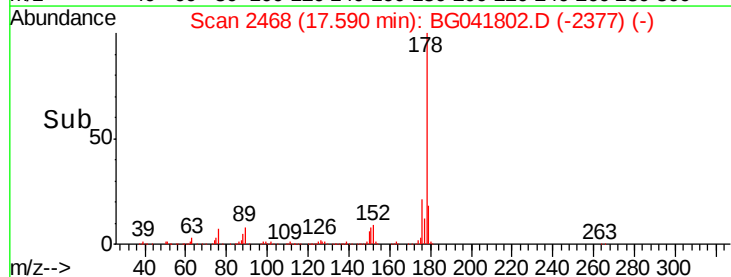
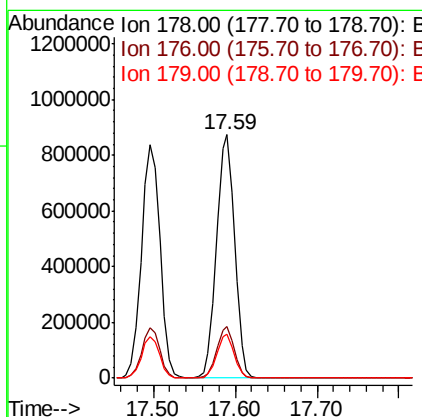
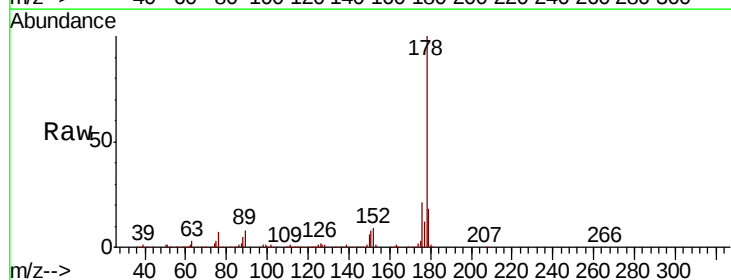
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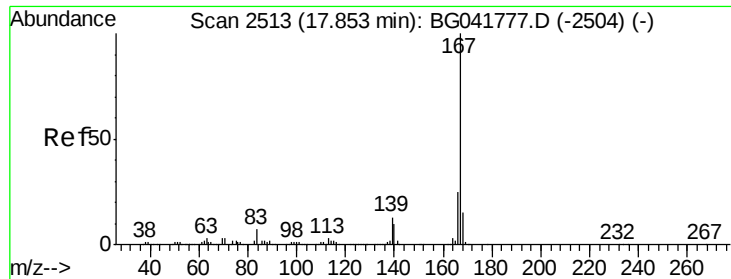
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#72
Anthracene
Concen: 43.015 ng
RT: 17.59 min Scan# 2468
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion:178 Resp: 1353063
Ion Ratio Lower Upper
178 100
176 21.1 18.6 28.0
179 17.8 15.1 22.7





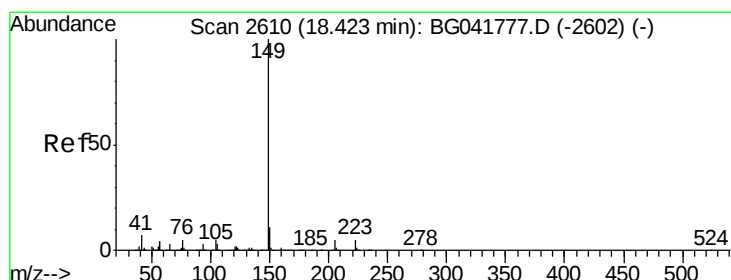
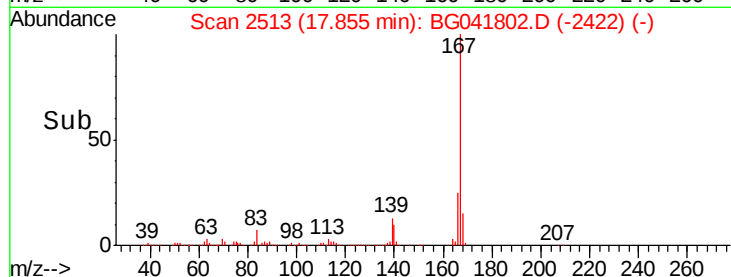
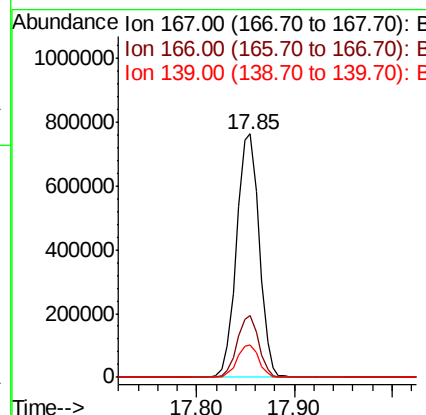
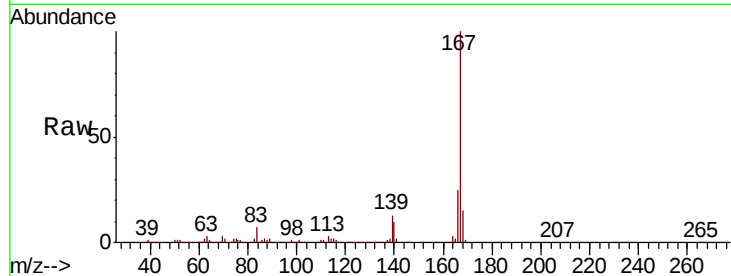
#73
 Carbazole
 Concen: 43.431 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB121801BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.3	21.4	32.2
139	13.2	12.1	18.1

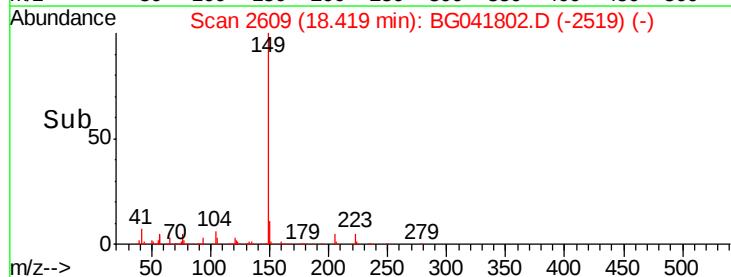
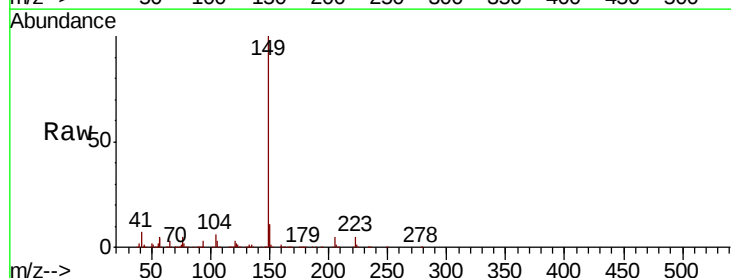
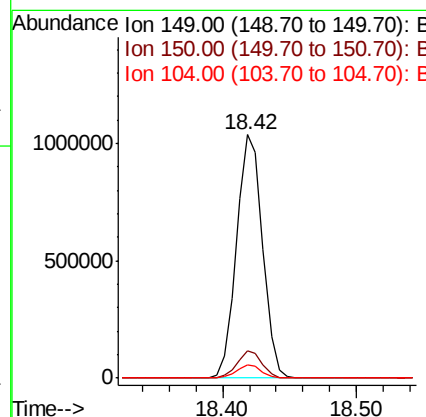
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#74
 Di-n-butylphthalate
 Concen: 43.920 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. -0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.2	10.2	15.2
104	5.6	5.3	7.9





#75

Fluoranthene

Concen: 43.844 ng

RT: 19.51 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

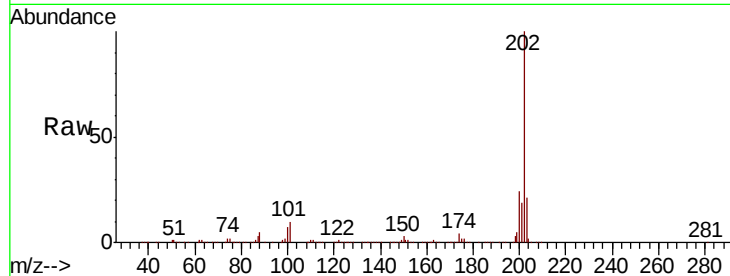
ClientSampleId :

PB121801BSD

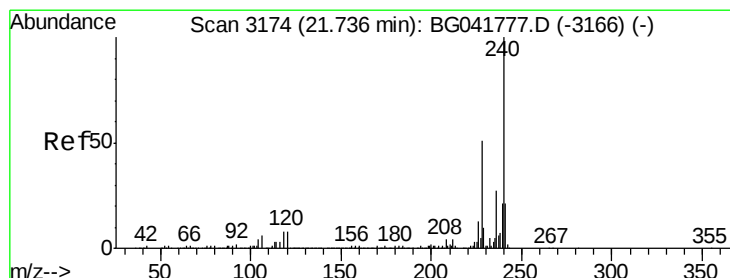
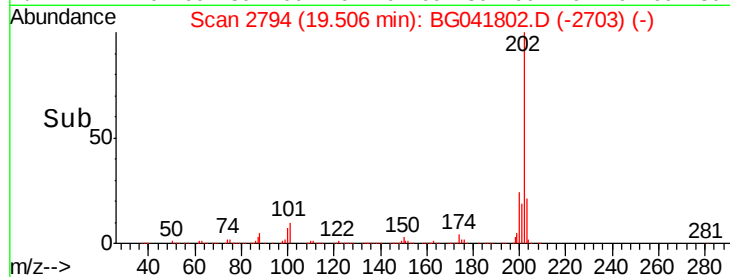
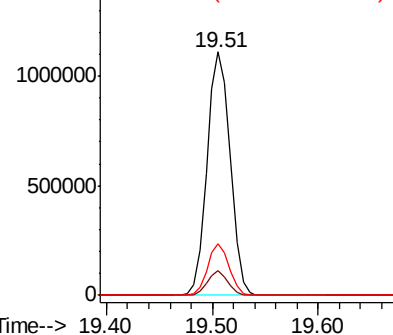
Tot Ion:	202	Resp:	1680827
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	32.8
203	21.4	3.7	43.7

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



#76

Chrysene-d12

Concen: 20.000 ng

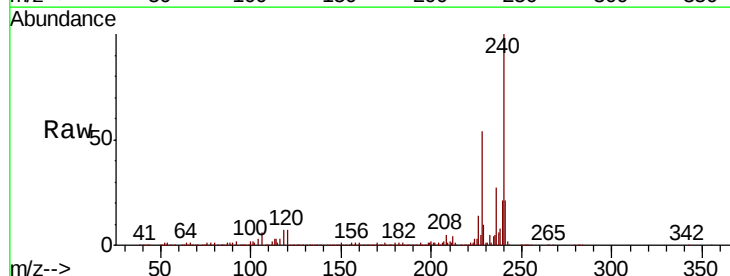
RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

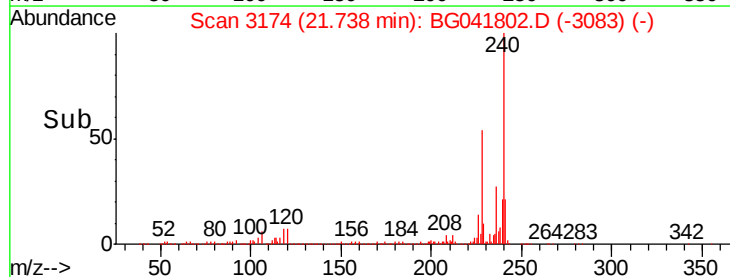
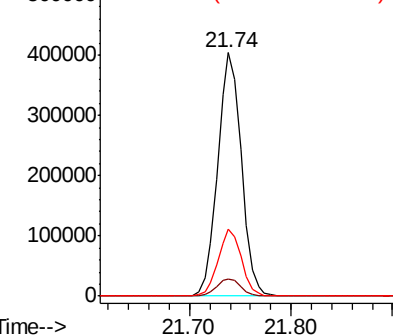
Lab File: BG041802.D

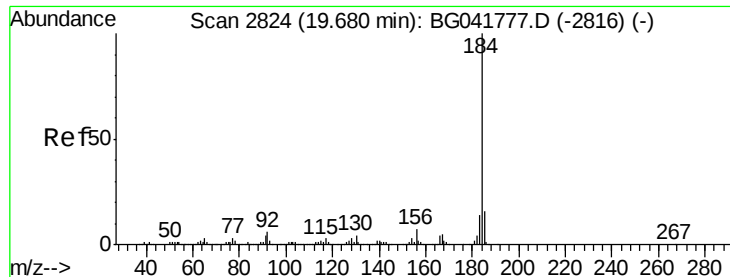
Acq: 30 Jul 2019 15:20

Tgt Ion:	240	Resp:	653261
Ion Ratio	Lower	Upper	
240	100		
120	7.3	8.0	12.0#
236	27.5	22.6	33.8



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





#77

Benzidine

Concen: 32.607 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

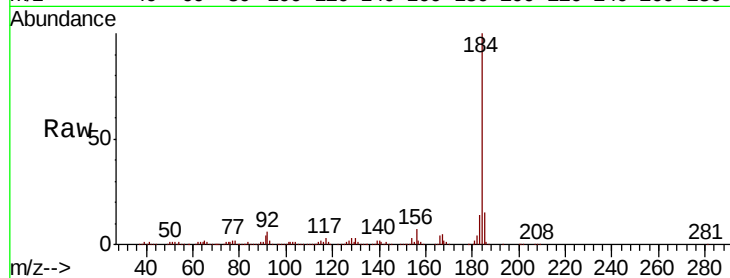
ClientSampleId :

PB121801BSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.4	13.0	19.4
183	13.5	11.8	17.6

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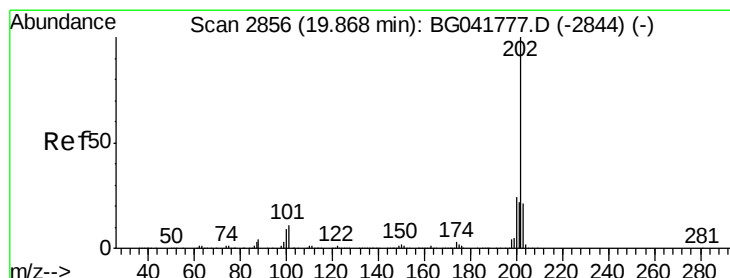
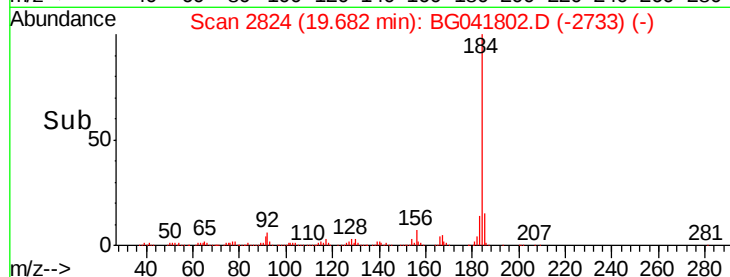
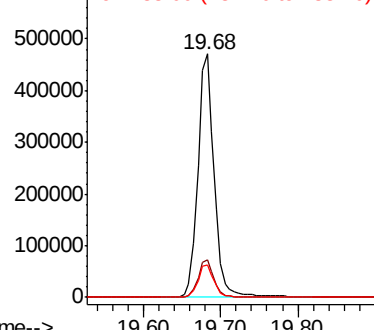


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.358 ng

RT: 19.87 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

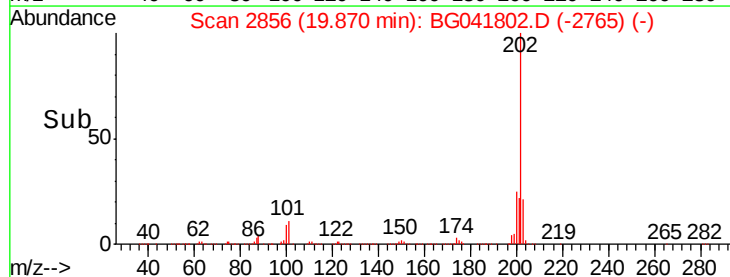
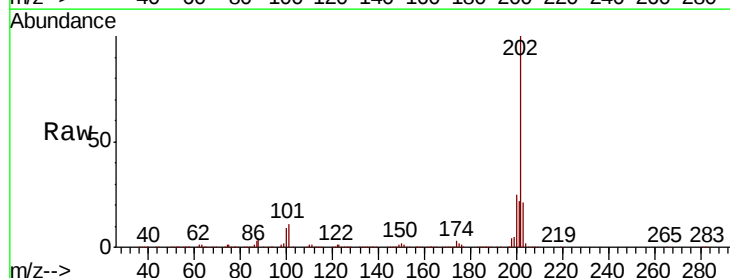
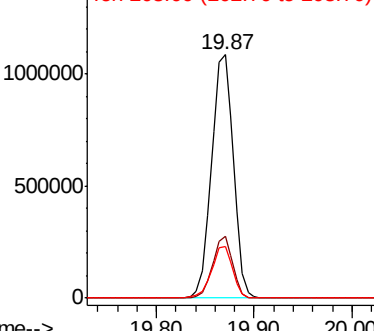
Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.2	22.2	33.2
203	21.4	18.9	28.3

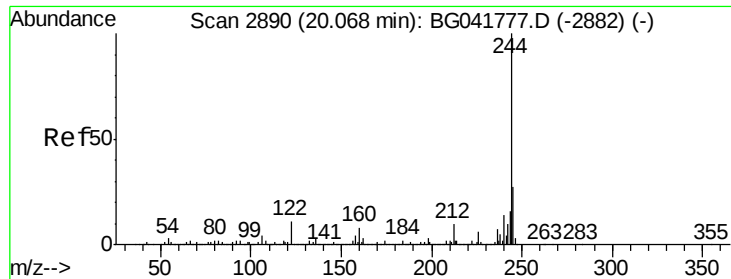
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





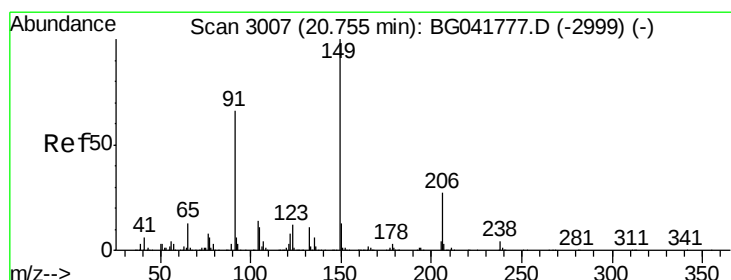
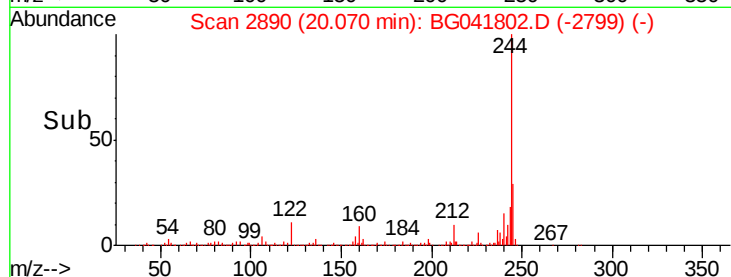
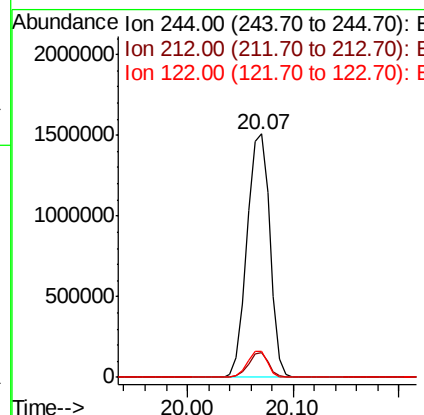
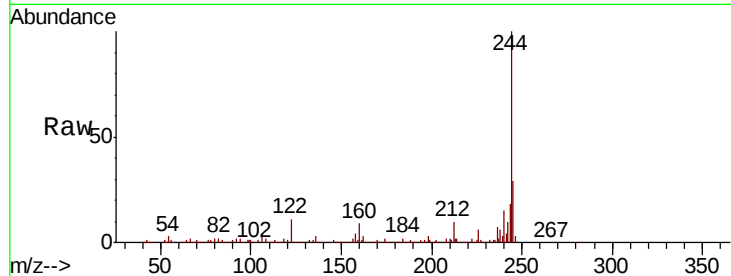
#79
 Terphenyl-d14
 Concen: 79.073 ng
 RT: 20.07 min Scan# 2890
 Delta R.T. 0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB121801BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.0	9.7	14.5
122	10.7	12.5	18.7

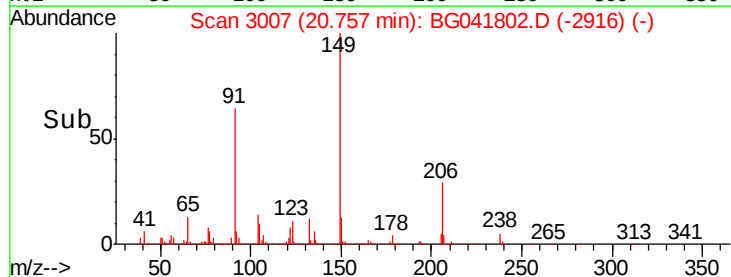
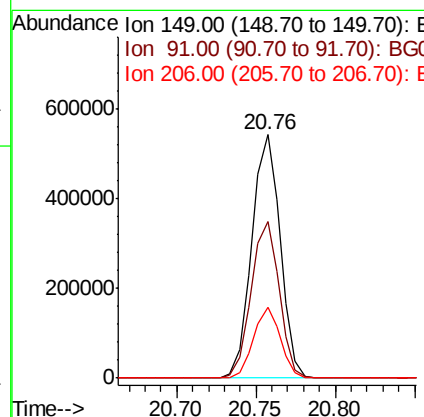
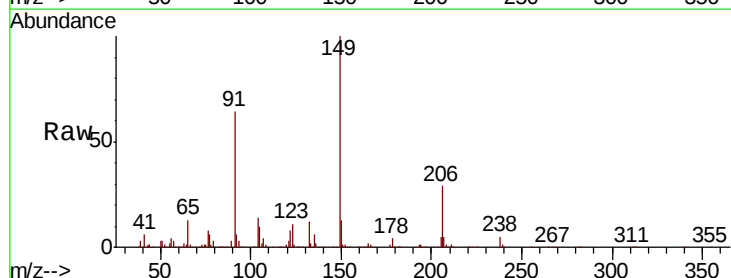
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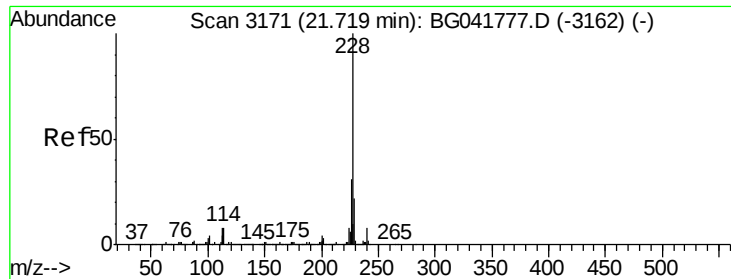
mohammad
 8/1/2019 5:04:55 PM



#80
 Butylbenzylphthalate
 Concen: 45.354 ng
 RT: 20.76 min Scan# 3007
 Delta R.T. 0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.2	58.9	88.3
206	29.1	20.8	31.2





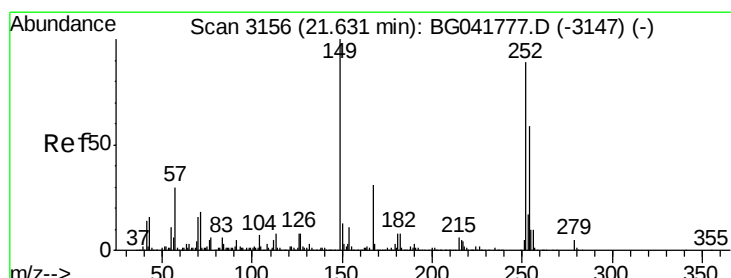
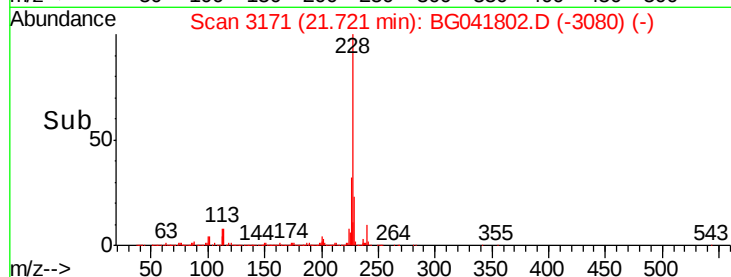
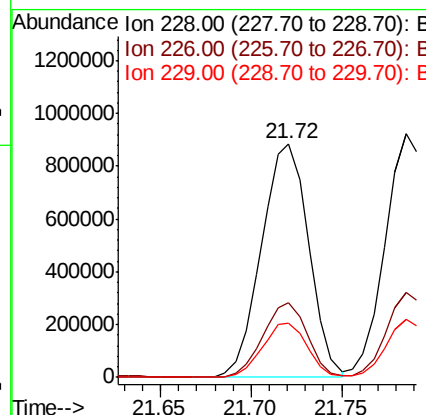
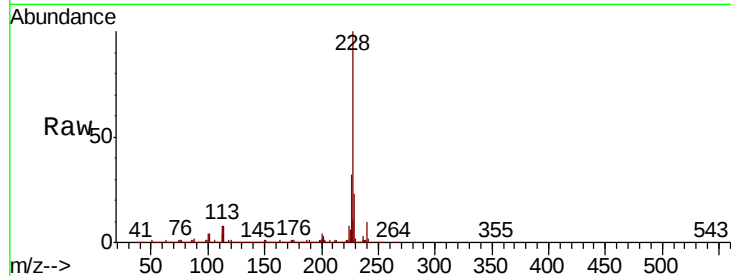
#81
Benzo(a)anthracene
Concen: 41.534 ng
RT: 21.72 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	27.3	40.9
229	23.4	19.7	29.5

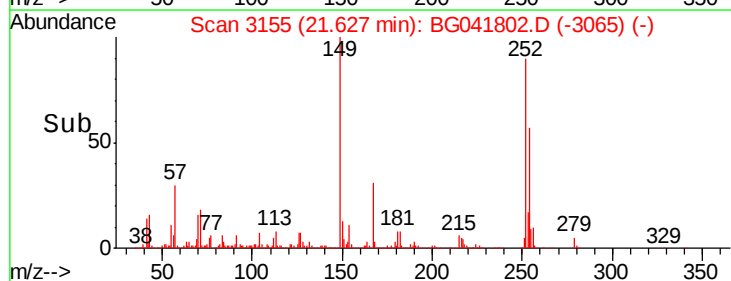
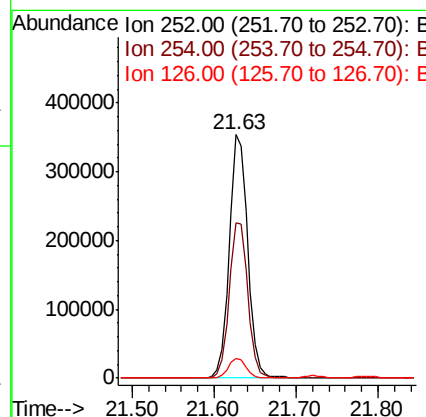
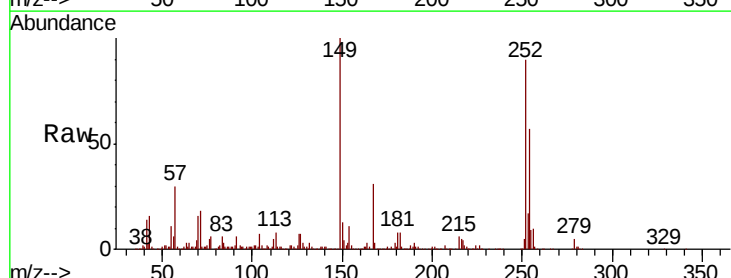
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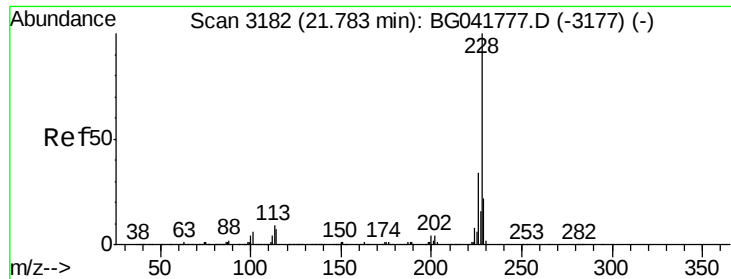
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 35.509 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	53.8	80.6
126	8.2	7.8	11.8





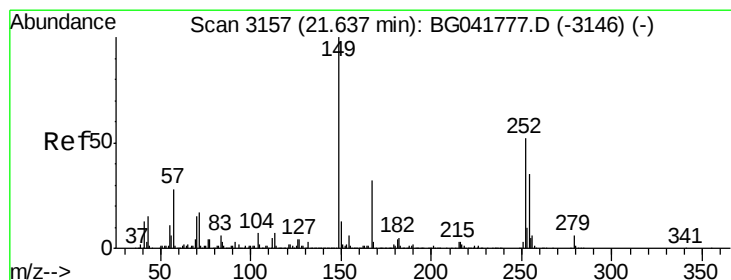
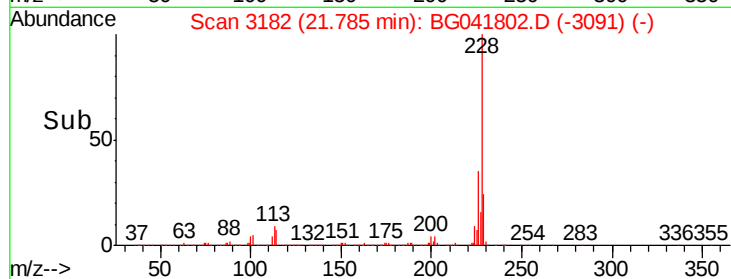
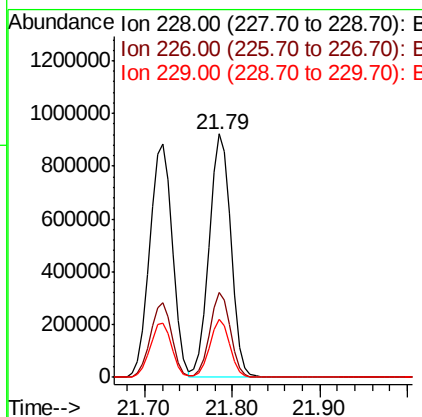
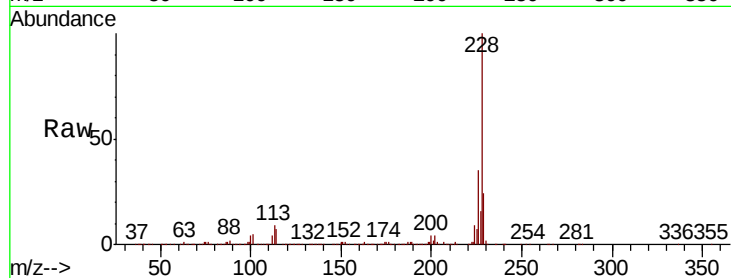
#83
Chrysene
Concen: 42.944 ng
RT: 21.79 min Scan# 3182
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tot Ion:228 Resp: 1590997
Ion Ratio Lower Upper
228 100
226 34.7 30.1 45.1
229 23.8 19.8 29.6

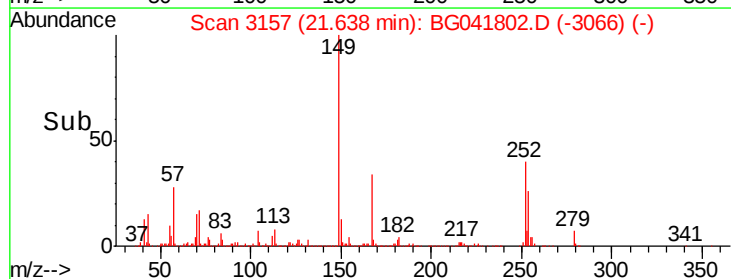
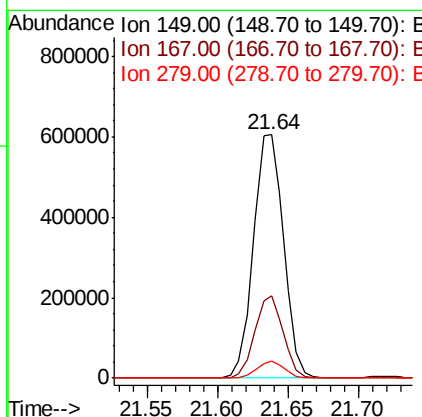
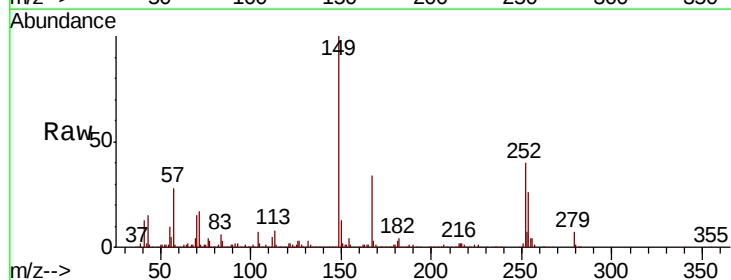
Manual Integrations
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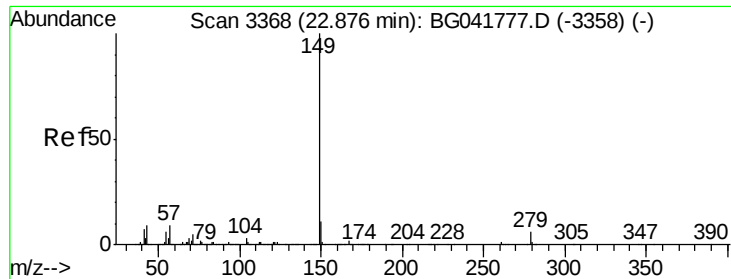
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.358 ng
RT: 21.64 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion:149 Resp: 908000
Ion Ratio Lower Upper
149 100
167 33.8 27.0 40.4
279 6.8 5.0 7.6





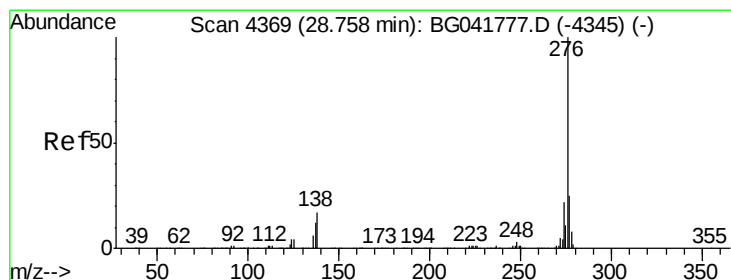
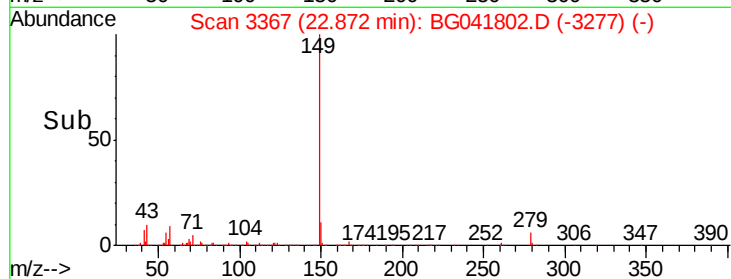
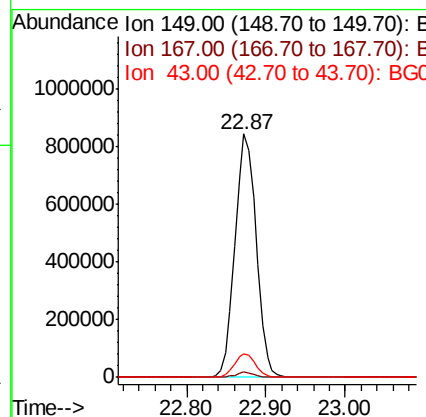
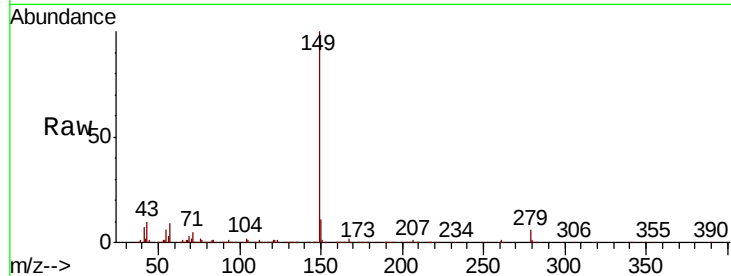
#85
Di-n-octyl phthalate
Concen: 45.635 ng
RT: 22.87 min Scan# 3367
Delta R.T. -0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.6	2.4
43	9.4	10.6	16.0

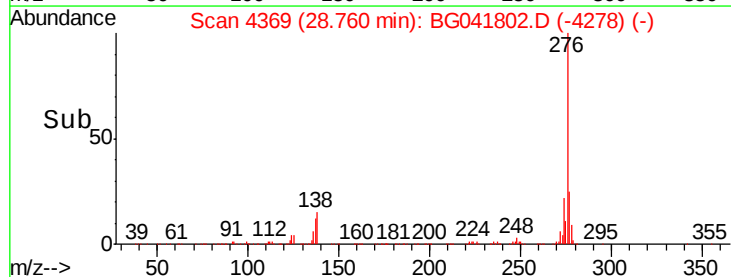
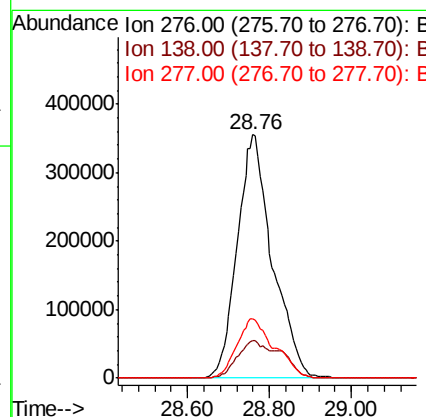
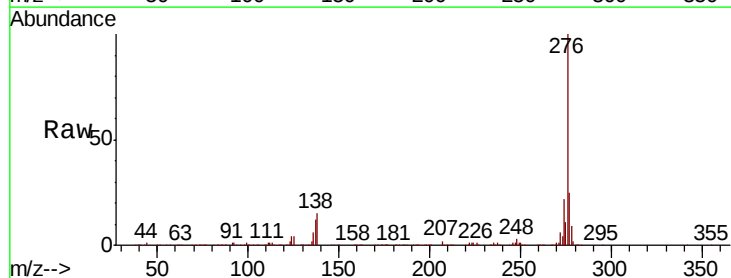
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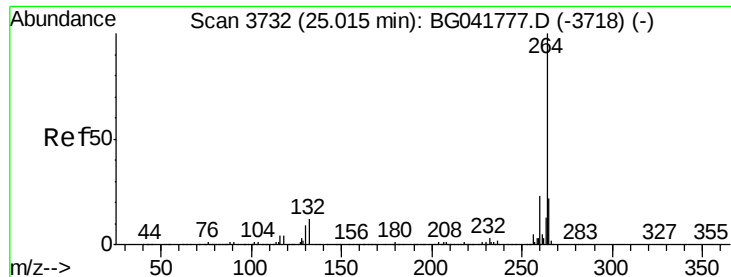
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.040 ng
RT: 28.76 min Scan# 4369
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.0	19.4	29.0
277	26.2	21.2	31.8





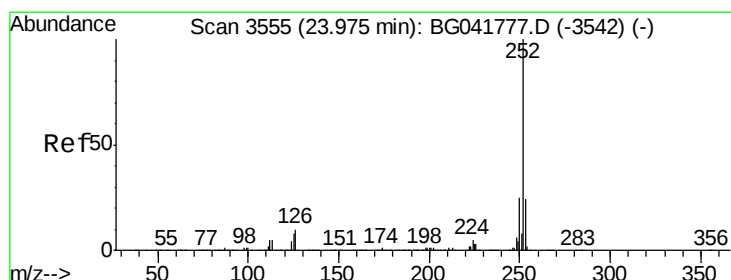
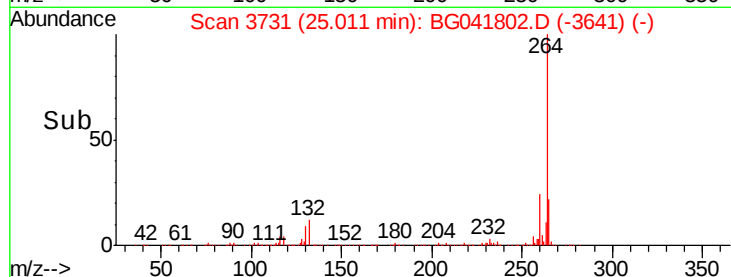
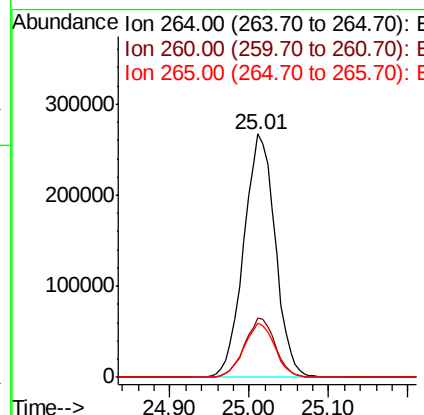
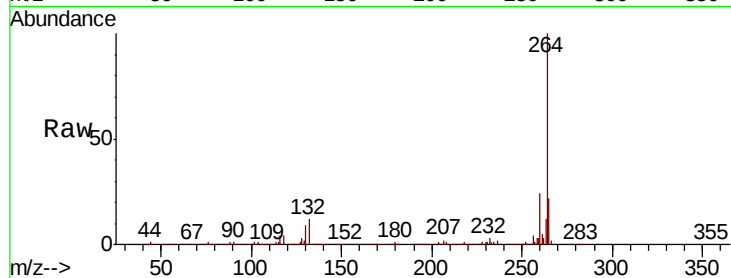
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.0	18.0	27.0

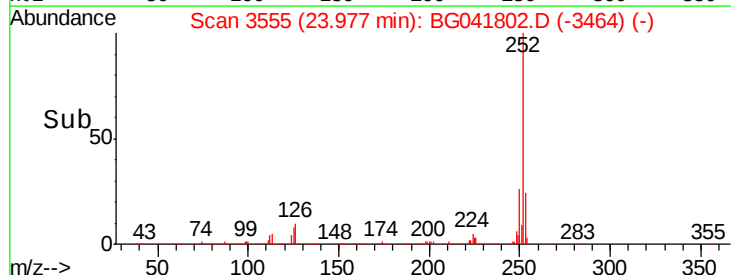
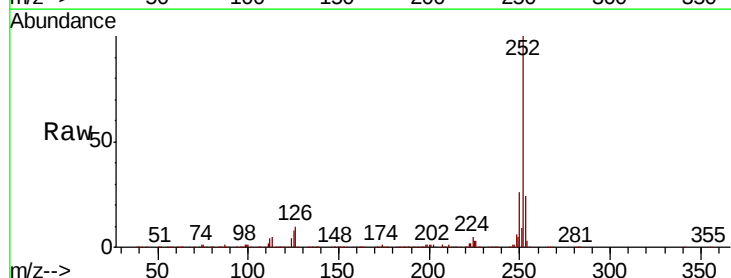
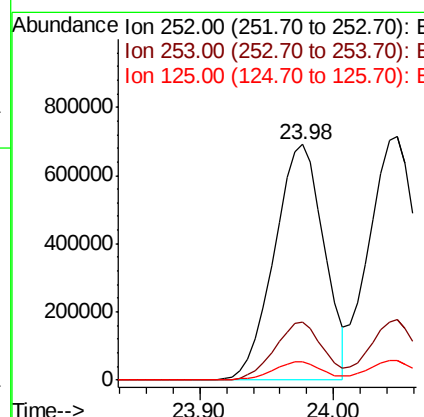
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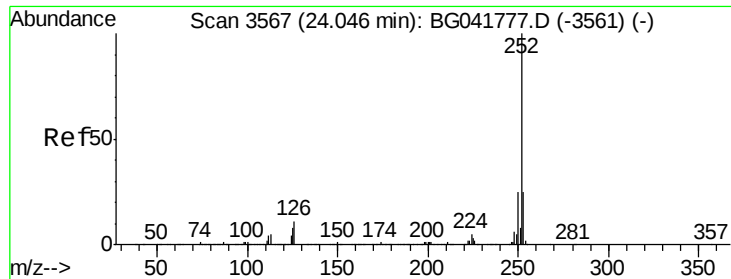
mohammad
8/1/2019 5:04:55 PM



#88
Benzo(b)fluoranthene
Concen: 44.285 ng
RT: 23.98 min Scan# 3555
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.6	30.8
125	8.0	8.0	12.0





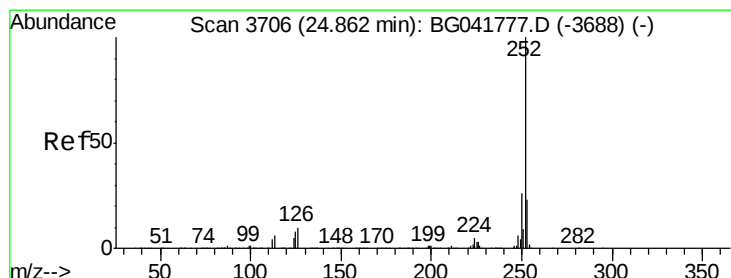
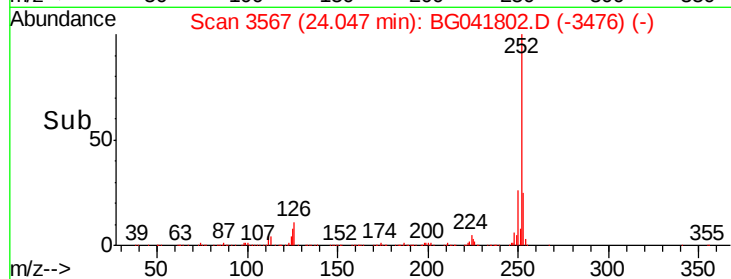
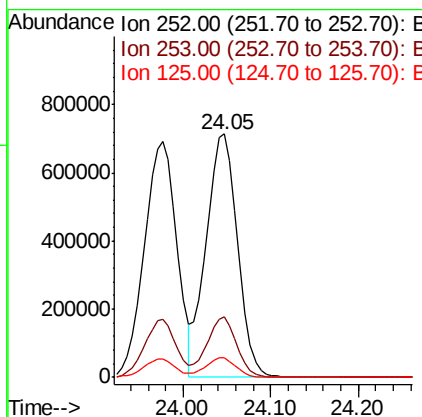
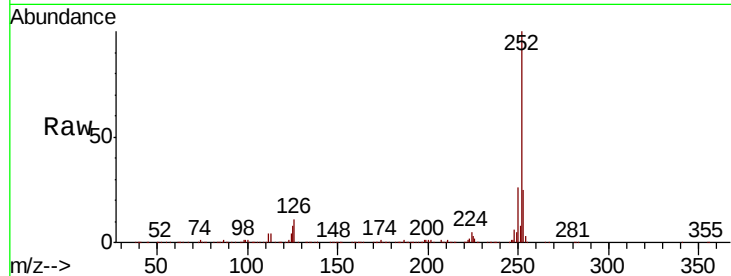
#89
Benzo(k)fluoranthene
Concen: 45.409 ng
RT: 24.05 min Scan# 3567
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.5	30.7
125	7.9	8.4	12.6

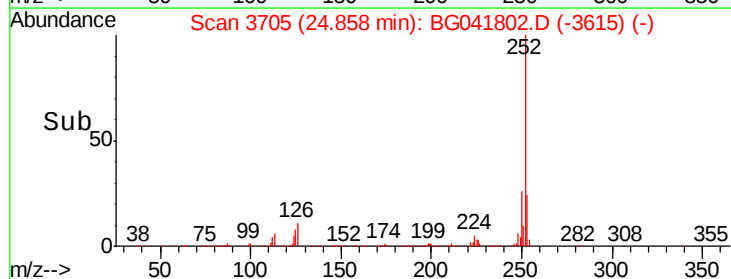
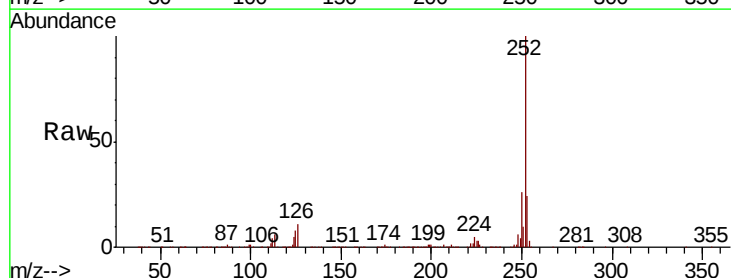
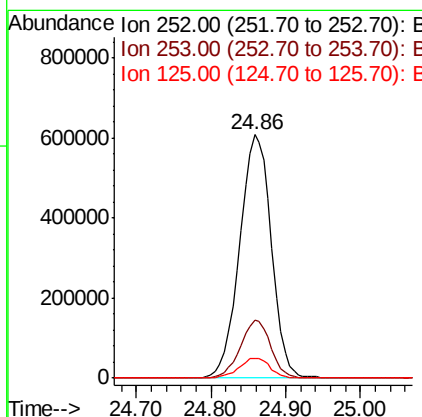
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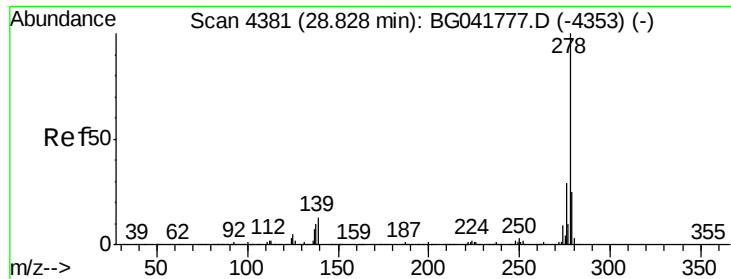
mohammad
8/1/2019 5:04:55 PM



#90
Benzo(a)pyrene
Concen: 46.320 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.8	29.8
125	8.3	8.8	13.2





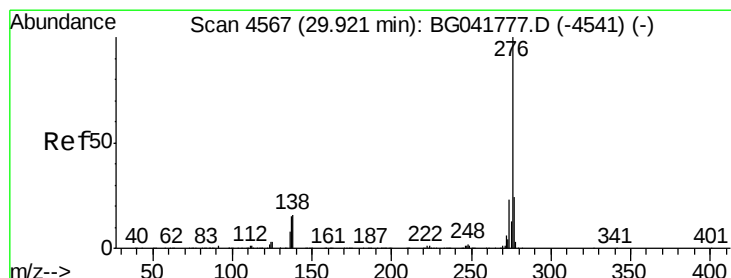
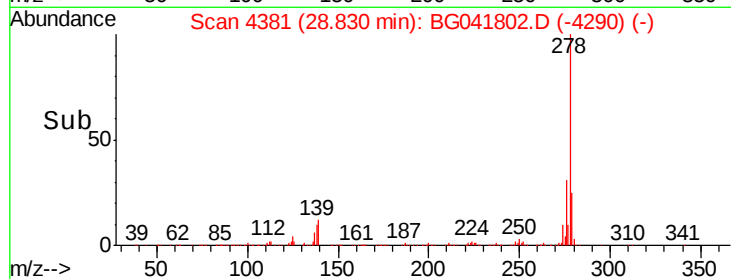
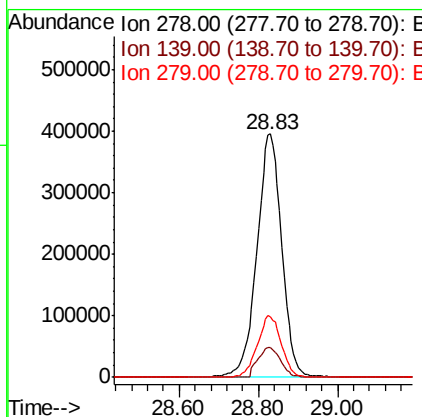
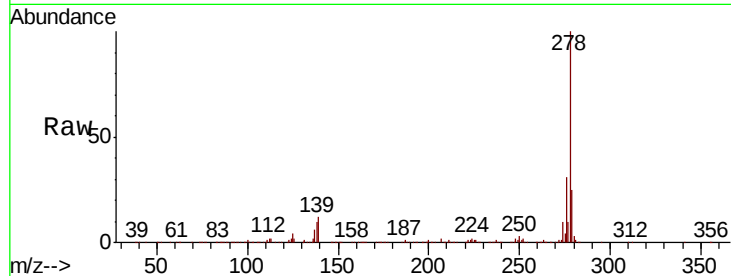
#91
Dibenzo(a,h)anthracene
Concen: 45.470 ng
RT: 28.83 min Scan# 4381
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tot Ion:278 Resp: 1723003
Ion Ratio Lower Upper
278 100
139 12.1 12.6 19.0#
279 24.9 20.5 30.7

Manual Integrations
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8/1/2019 5:04:55 PM



#92
Benzo(g,h,i)perylene
Concen: 46.020 ng
RT: 29.93 min Scan# 4568
Delta R.T. 0.01 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion:276 Resp: 1742218
Ion Ratio Lower Upper
276 100
277 24.3 19.8 29.8
138 16.7 16.6 25.0

