

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072919\
 Data File : BG041785.D
 Acq On : 29 Jul 2019 11:03
 Operator : HP/JU
 Sample : PB121703BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121703BS

Manual Integrations
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 7/30/2019 4:52:22 PM

Quant Time: Jul 30 08:02:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 12:47:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	100884	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	402836	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	295946	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	658261	20.00	ng	0.00
76) Chrysene-d12	21.74	240	637210	20.00	ng	0.00
87) Perylene-d12	25.02	264	749994	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	656957	126.70	ng	0.00
7) Phenol-d6	7.20	99	903158	129.20	ng	0.00
23) Nitrobenzene-d5	9.22	82	513175	87.67	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	451584	134.34	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	1403730	83.66	ng	0.00
79) Terphenyl-d14	20.07	244	2225230	79.91	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.47	88	68088	27.899 ng	95
3) Pyridine	3.87	79	192082	28.701 ng	91
4) n-Nitrosodimethylamine	3.78	42	95019	35.815 ng	94
6) Aniline	7.37	93	289289	29.390 ng	95
8) 2-Chlorophenol	7.61	128	249231	41.976 ng	94
9) Benzaldehyde	7.18	77	38800	7.888 ng	88
10) Phenol	7.23	94	307343	42.261 ng	99
11) bis(2-Chloroethyl)ether	7.46	93	219763	36.757 ng	93
12) 1,3-Dichlorobenzene	7.94	146	274138	35.376 ng	97
13) 1,4-Dichlorobenzene	8.09	146	276207	35.621 ng	98
14) 1,2-Dichlorobenzene	8.41	146	266220	35.981 ng	96
15) Benzyl Alcohol	8.29	79	218078	39.654 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	381545	35.870 ng	96
17) 2-Methylphenol	8.49	107	221853	41.946 ng	99
18) Hexachloroethane	9.15	117	96082	36.184 ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	189081	37.256 ng	92
20) 3+4-Methylphenols	8.82	107	300009	41.451 ng	98
22) Acetophenone	8.88	105	362883	40.273 ng	# 93
24) Nitrobenzene	9.26	77	265101	42.987 ng	98
25) Isophorone	9.79	82	513948	40.360 ng	99
26) 2-Nitrophenol	9.97	139	135977	47.508 ng	95
27) 2,4-Dimethylphenol	10.03	122	249037	49.299 ng	100
28) bis(2-Chloroethoxy)methane	10.27	93	311766	39.178 ng	99
29) 2,4-Dichlorophenol	10.51	162	280663	45.624 ng	97
30) 1,2,4-Trichlorobenzene	10.74	180	301585	38.660 ng	97
31) Naphthalene	10.93	128	745387	40.430 ng	98
32) Benzoic acid	10.17	122	143064	41.163 ng	97
33) 4-Chloroaniline	11.03	127	197197	22.554 ng	95
34) Hexachlorobutadiene	11.22	225	196572	37.336 ng	97
35) Caprolactam	11.79	113	96484m	45.131 ng	
36) 4-Chloro-3-methylphenol	12.15	107	280808	46.043 ng	94
37) 2-Methylnaphthalene	12.54	142	607739	41.645 ng	99
38) 1-Methylnaphthalene	12.75	142	578066	41.799 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	373110	39.828 ng	99

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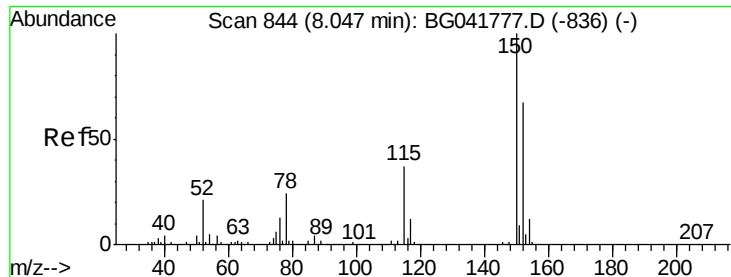
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	475418	90.265	nq	98
43) 2,4,6-Trichlorophenol	13.13	196	253451	42.806	nq	98
44) 2,4,5-Trichlorophenol	13.21	196	276645	44.961	nq	95
46) 1,1'-Biphenyl	13.54	154	785147	41.271	nq	97
47) 2-Chloronaphthalene	13.58	162	629460	38.862	nq	97
48) 2-Nitroaniline	13.78	65	178082	43.351	nq	91
49) Acenaphthylene	14.43	152	1002636	41.383	nq	98
50) Dimethylphthalate	14.16	163	842836	41.700	nq	99
51) 2,6-Dinitrotoluene	14.27	165	197066	46.628	nq	90
52) Acenaphthene	14.77	154	701686	44.529	nq	99
53) 3-Nitroaniline	14.60	138	136659	30.225	nq	# 87
54) 2,4-Dinitrophenol	14.80	184	217868	83.566	nq	89
55) Dibenzofuran	15.10	168	992914	41.195	nq	96
56) 4-Nitrophenol	14.90	139	330459	96.286	nq	96
57) 2,4-Dinitrotoluene	15.06	165	273878	47.122	nq	94
58) Fluorene	15.76	166	803811	41.557	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.33	232	282144	46.299	nq	94
60) Diethylphthalate	15.53	149	842631	42.464	nq	99
61) 4-Chlorophenyl-phenylether	15.75	204	480204	40.666	nq	95
62) 4-Nitroaniline	15.77	138	201383	41.121	nq	97
63) Azobenzene	16.04	77	666953	41.145	nq	95
65) 4,6-Dinitro-2-methylphenol	15.83	198	148022	46.238	nq	86
66) n-Nitrosodiphenylamine	15.96	169	760095	42.391	nq	99
67) 4-Bromophenyl-phenylether	16.64	248	327794	40.426	nq	97
68) Hexachlorobenzene	16.77	284	330312	38.939	nq	94
69) Atrazine	16.91	200	304038	43.156	nq	100
70) Pentachlorophenol	17.11	266	442762	91.879	nq	97
71) Phenanthrene	17.50	178	1324448	41.976	nq	97
72) Anthracene	17.59	178	1371703	43.590	nq	96
73) Carbazole	17.85	167	1220844	43.225	nq	96
74) Di-n-butylphthalate	18.42	149	1394075	43.538	nq	97
75) Fluoranthene	19.51	202	1651652	43.065	nq	94
77) Benzidine	19.68	184	708354	34.058	nq	98
78) Pyrene	19.87	202	1637379	43.370	nq	95
80) Butylbenzylphthalate	20.76	149	647519	44.734	nq	90
81) Benzo(a)anthracene	21.72	228	1571503	41.684	nq	96
82) 3,3'-Dichlorobenzidine	21.63	252	464156	30.665	nq	97
83) Chrysene	21.79	228	1556402	43.068	nq	96
84) Bis(2-ethylhexyl)phthalate	21.64	149	893192	44.734	nq	97
85) Di-n-octyl phthalate	22.88	149	1528755	45.495	nq	# 91
86) Indeno(1,2,3-cd)pyrene	28.76	276	2048795	42.827	nq	# 89
88) Benzo(b)fluoranthene	23.98	252	1750642m	42.669	nq	
89) Benzo(k)fluoranthene	24.05	252	1723413	43.123	nq	# 98
90) Benzo(a)pyrene	24.86	252	1735007	44.093	nq	# 96
91) Dibenzo(a,h)anthracene	28.84	278	1683203	43.565	nq	# 96
92) Benzo(g,h,i)perylene	29.93	276	1711492	44.338	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 845

Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Instrument :

BNA_G

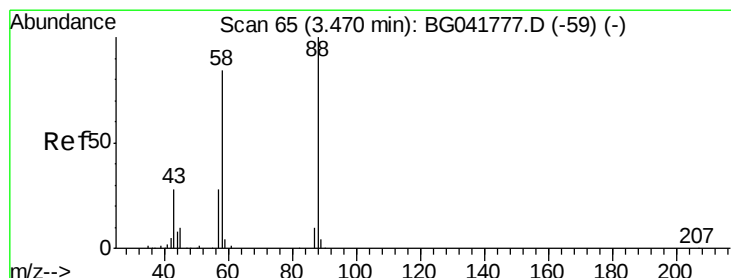
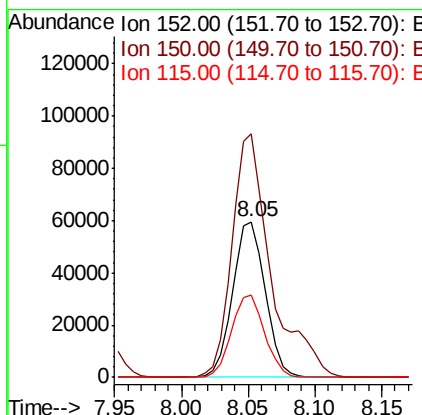
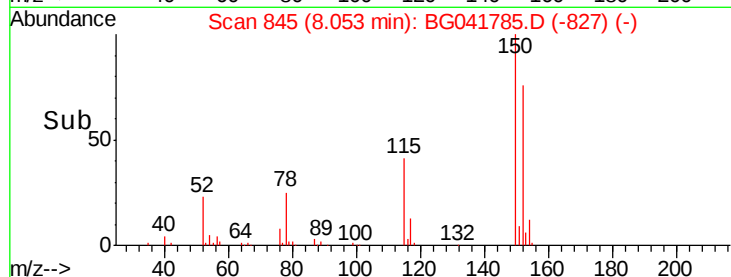
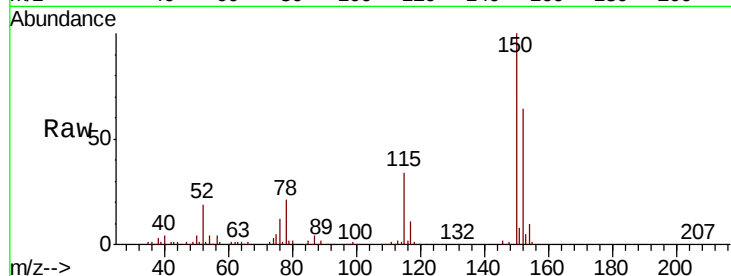
ClientSampleId :

PB121703BS

Tot Ion:	152	Resp:	100884
Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.9	190.3
115	53.4	45.0	67.6

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#2

1,4-Dioxane

Concen: 27.899 ng

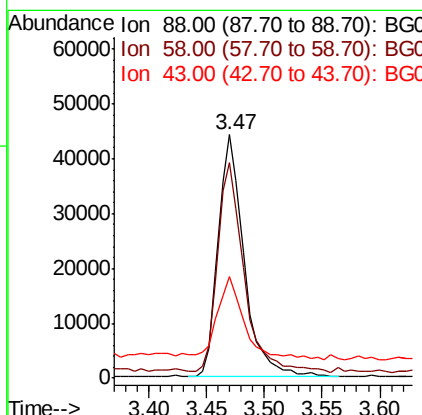
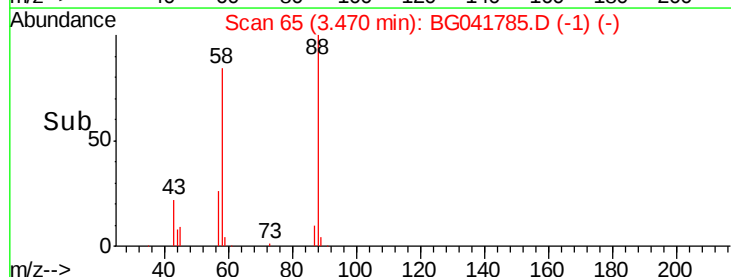
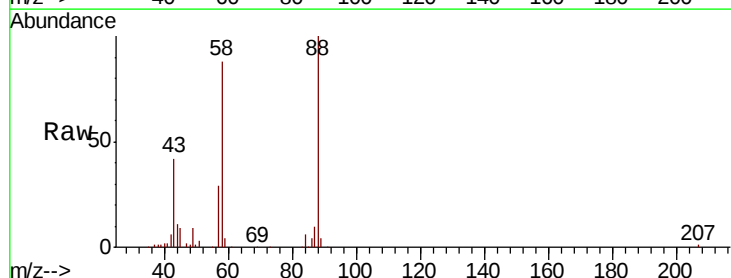
RT: 3.47 min Scan# 65

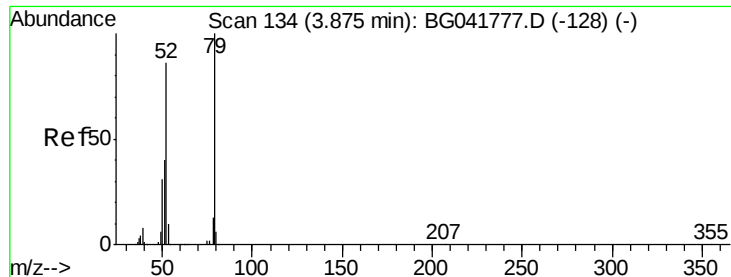
Delta R.T. 0.00 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Tgt Ion:	88	Resp:	68088
Ion	Ratio	Lower	Upper
88	100		
58	89.1	76.2	114.2
43	35.5	27.2	40.8





#3

Pvridine

Concen: 28.701 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Instrument :

BNA_G

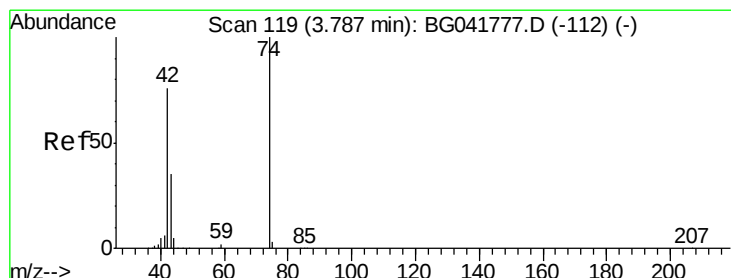
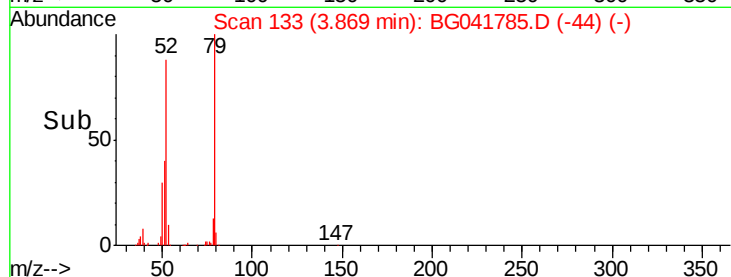
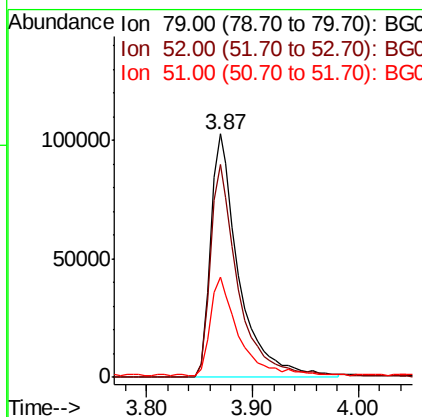
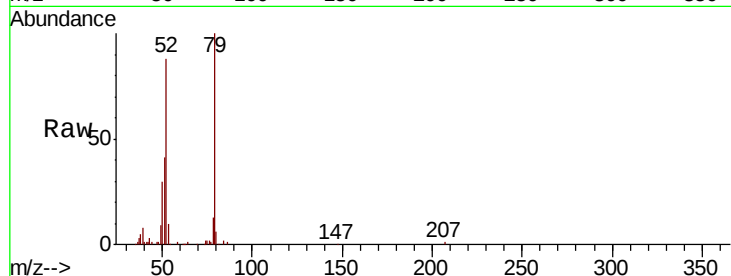
ClientSampleId :

PB121703BS

Tot Ion:	79	Resp:	192082
Ion Ratio	Lower	Upper	
79	100		
52	87.7	77.1	115.7
51	41.0	37.8	56.8

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#4

n-Nitrosodimethylamine

Concen: 35.815 ng

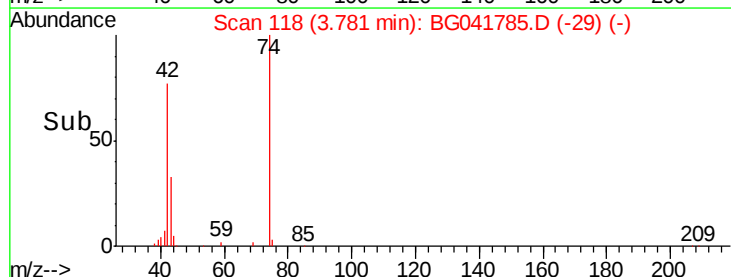
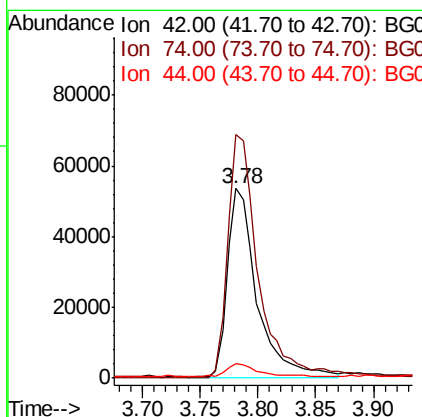
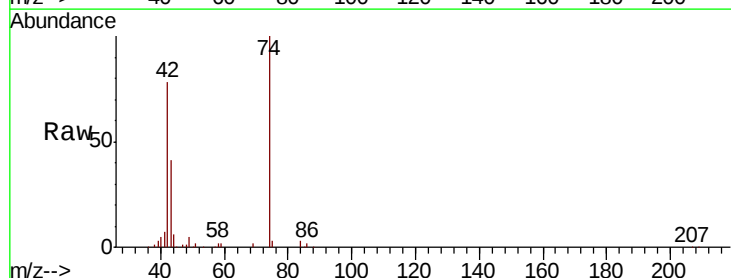
RT: 3.78 min Scan# 118

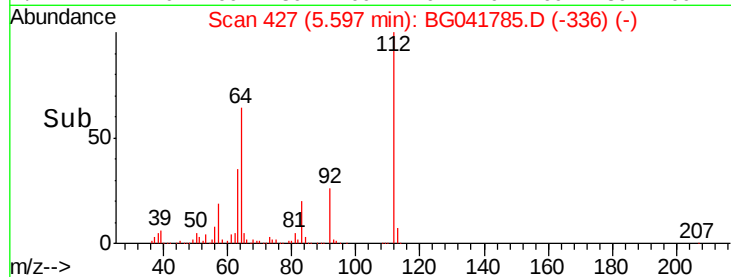
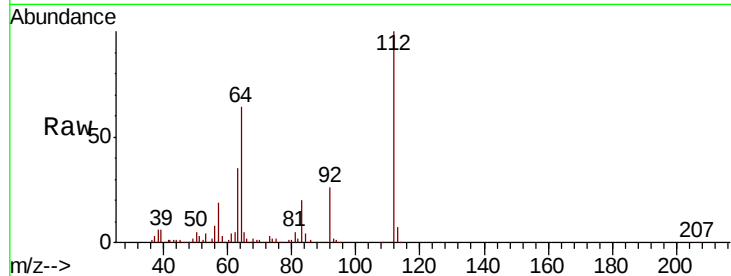
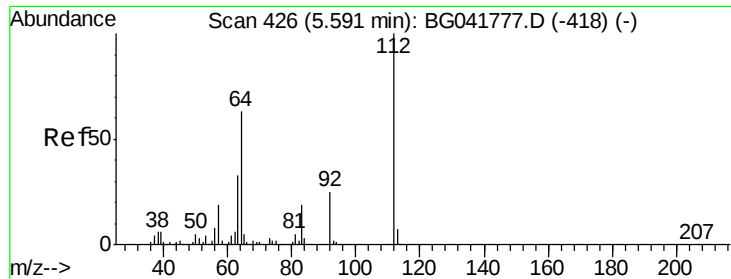
Delta R.T. -0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Tgt Ion:	42	Resp:	95019
Ion Ratio	Lower	Upper	
42	100		
74	128.7	97.4	146.2
44	7.9	6.6	9.8





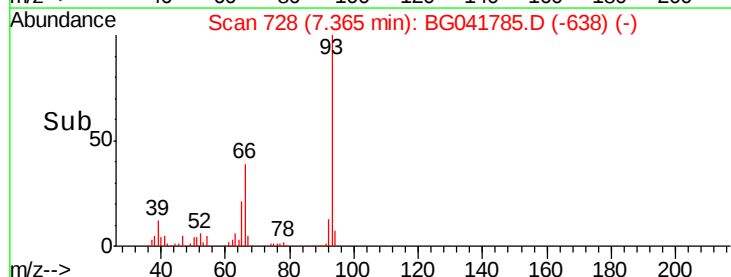
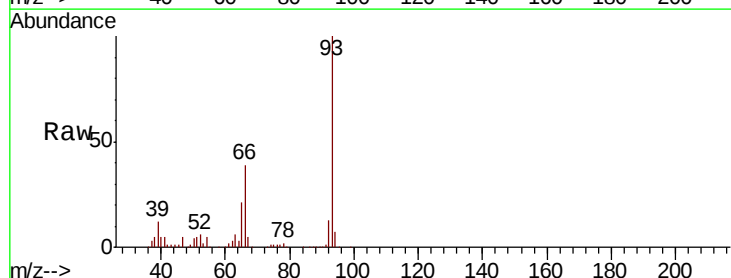
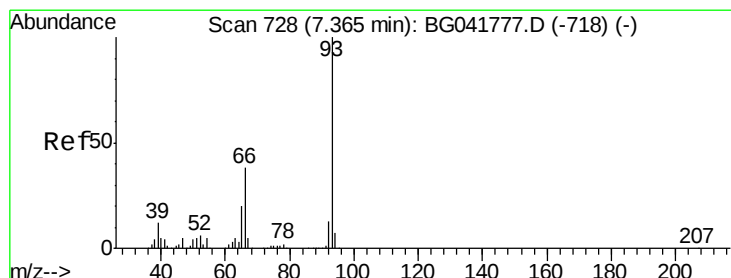
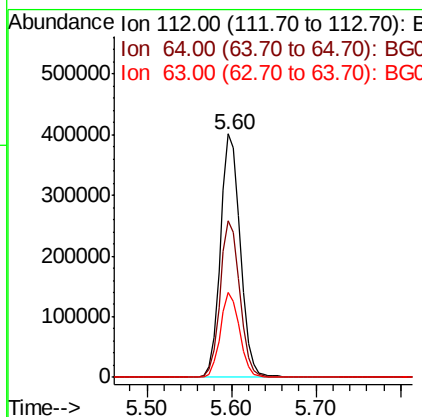
#5
2-Fluorophenol
Concen: 126.699 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	64.1	55.4	83.2
63	34.6	29.1	43.7

Instrument :
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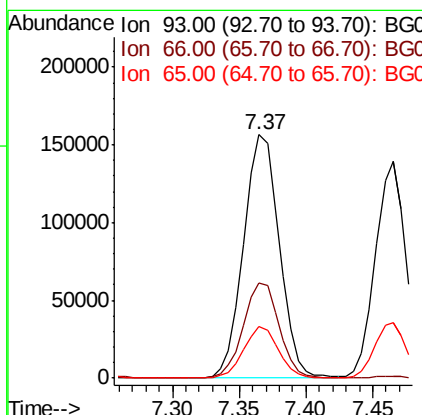
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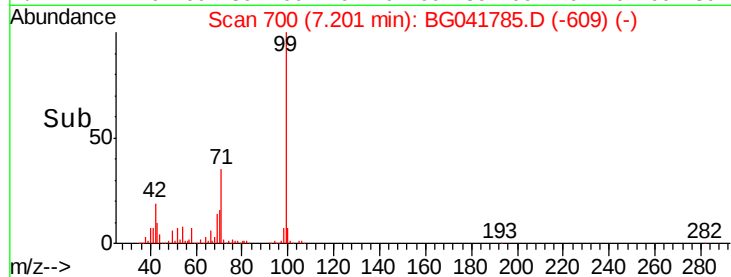
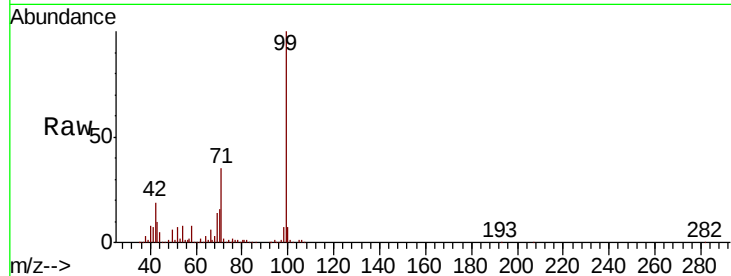
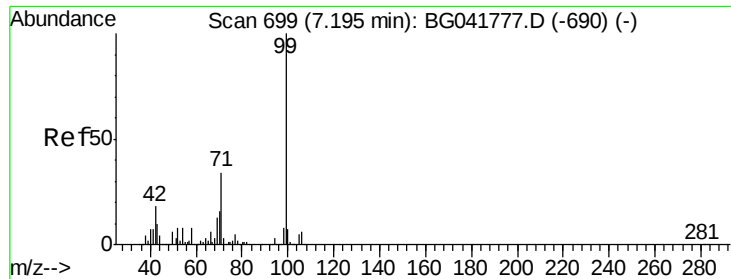
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#6
Aniline
Concen: 29.390 ng
RT: 7.37 min Scan# 728
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	39.3	34.2	51.2
65	21.2	18.2	27.2





#7

Phenol-d6

Concen: 129.199 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		903158		
42	18.6	17.6	26.4		
71	35.3	27.8	41.6		

Instrument :

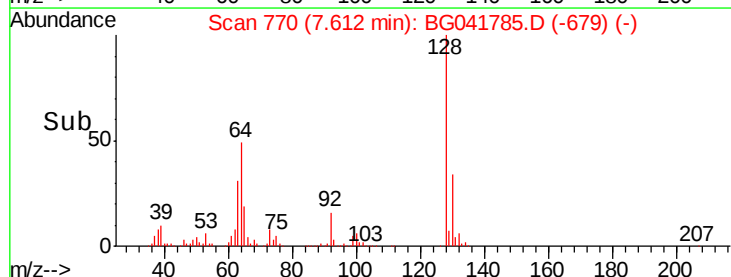
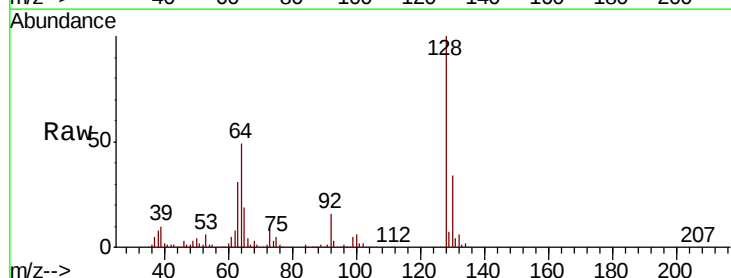
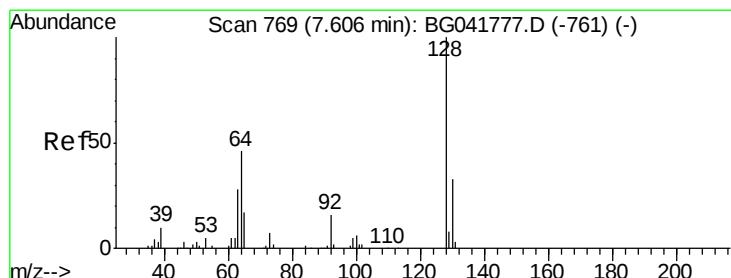
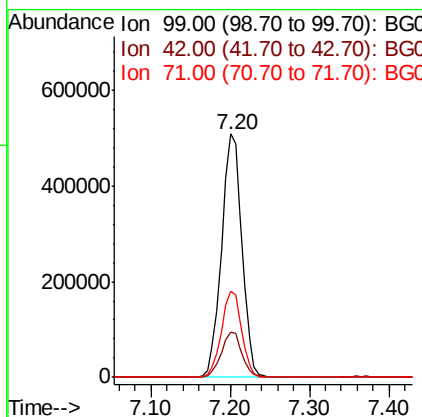
BNA_G

ClientSampleId :

PB121703BS

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#8

2-Chlorophenol

Concen: 41.976 ng

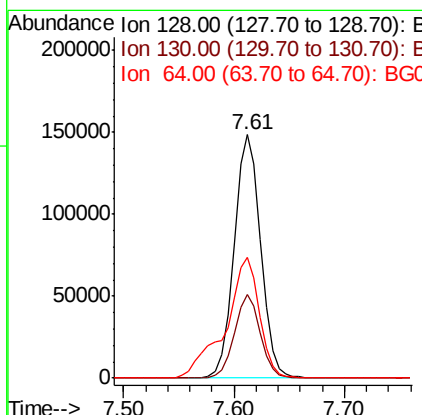
RT: 7.61 min Scan# 770

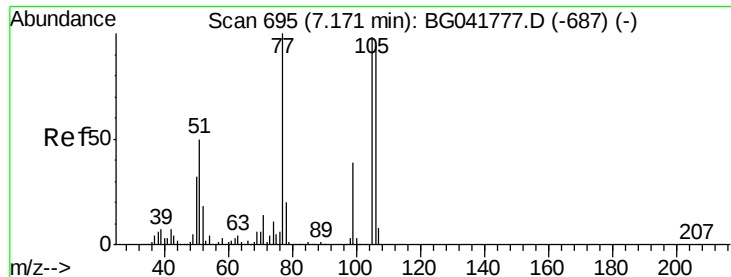
Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		249231		
130	34.5	12.4	52.4		
64	49.4	34.9	74.9		





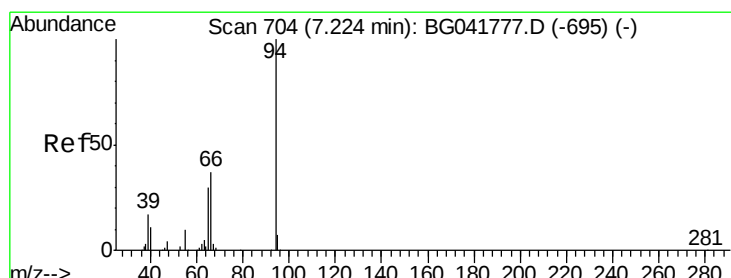
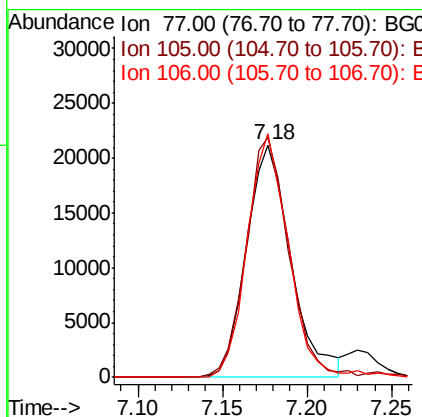
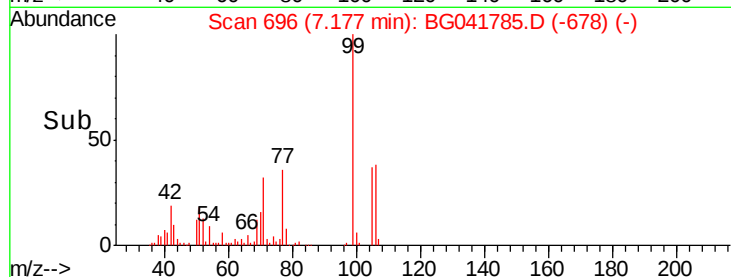
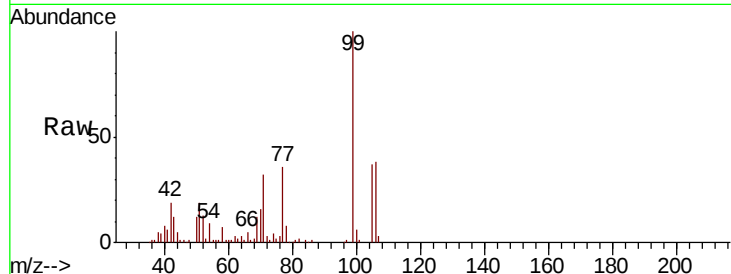
#9
Benzaldehyde
Concen: 7.888 ng
RT: 7.18 min Scan# 696
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	103.4	74.6	114.6		
106	104.8	71.1	111.1		

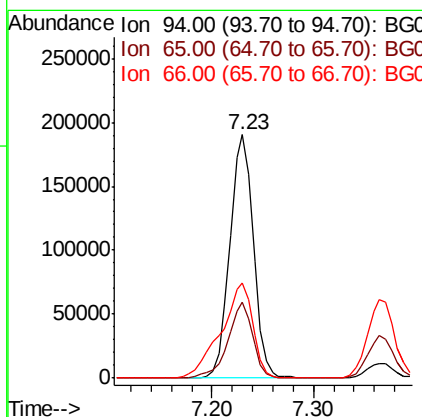
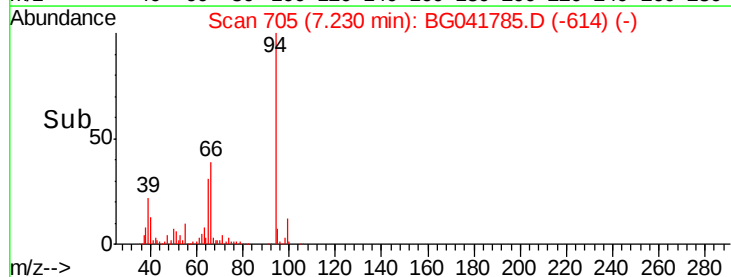
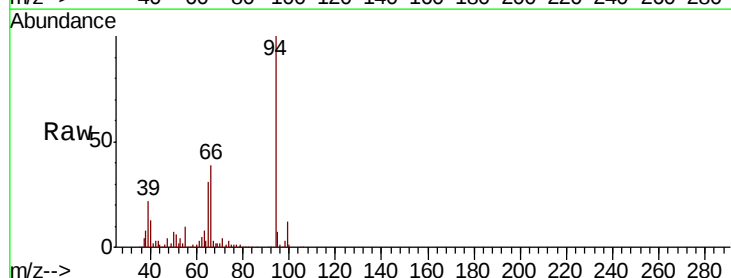
Manual Integrations
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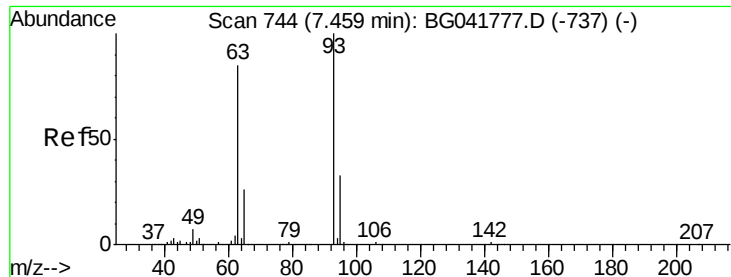
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#10
Phenol
Concen: 42.261 ng
RT: 7.23 min Scan# 705
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	31.2	10.6	50.6		
66	39.2	18.2	58.2		





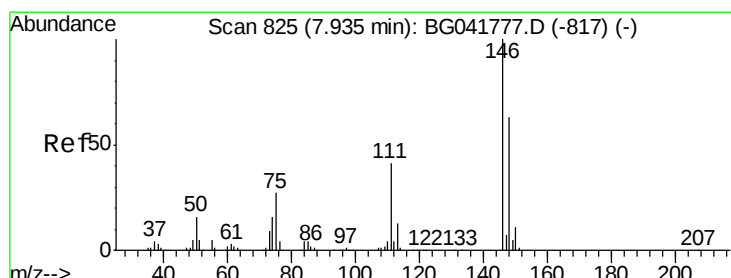
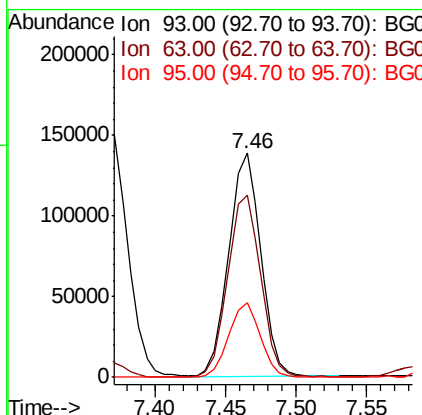
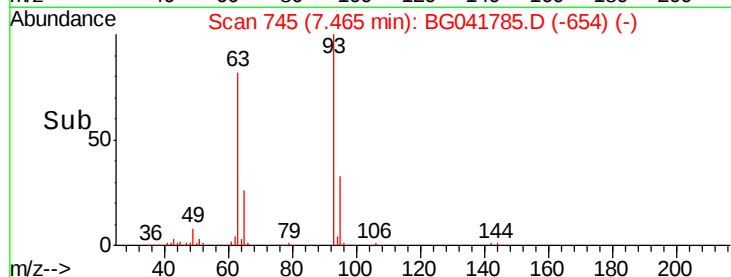
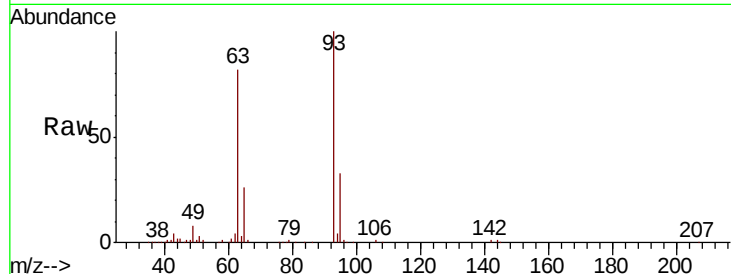
#11
bis(2-Chloroethyl)ether
Concen: 36.757 ng
RT: 7.46 min Scan# 745
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	219763		
63	81.5		70.4	110.4
95	33.1		12.8	52.8

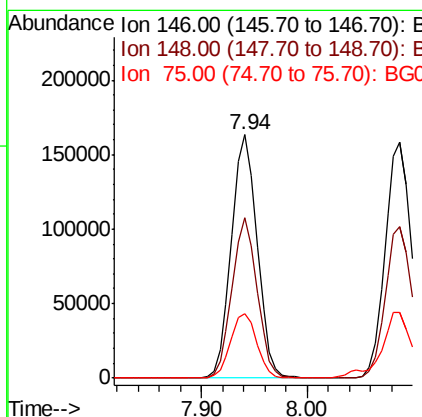
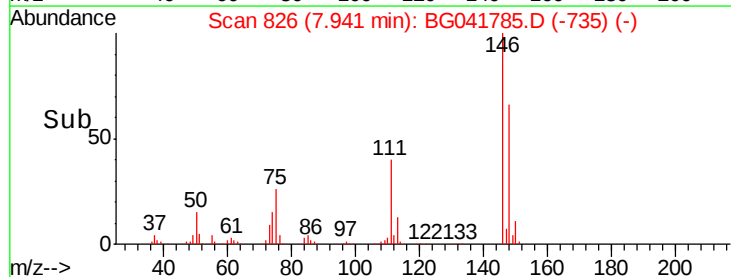
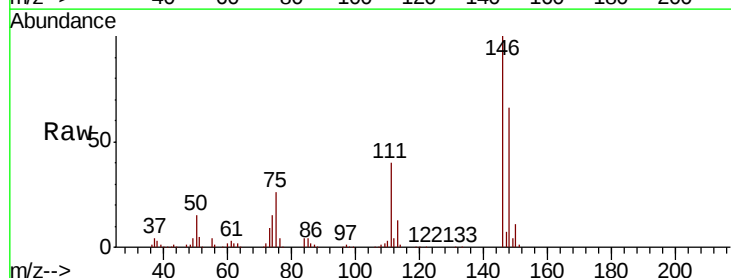
Manual Integrations
APPROVED

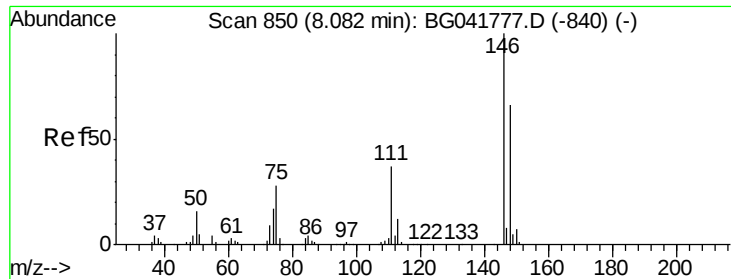
mohammad
7/30/2019 4:52:22 PM



#12
1,3-Dichlorobenzene
Concen: 35.376 ng
RT: 7.94 min Scan# 826
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	274138		
148	65.8		51.5	77.3
75	26.2		23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 35.621 ng

RT: 8.09 min Scan# 851

Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Instrument :

BNA_G

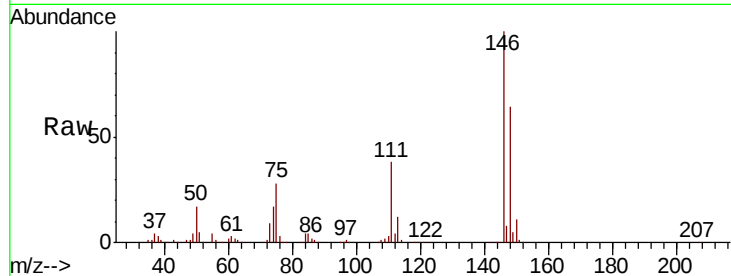
ClientSampleId :

PB121703BS

Tot Ion:	146	Resp:	276207
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.6	79.0
111	38.5	32.5	48.7

Manual Integrations
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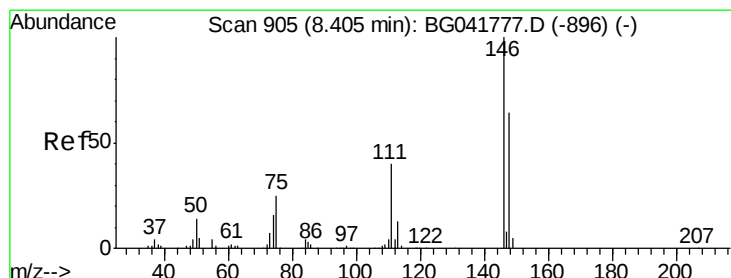
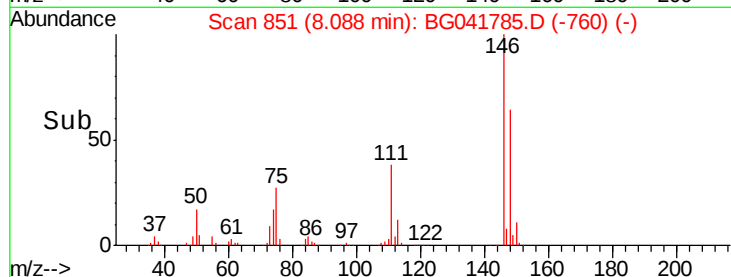
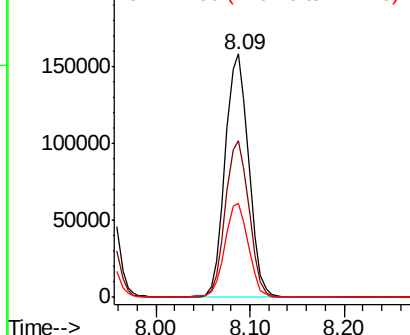


Abundance

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: 35.981 ng

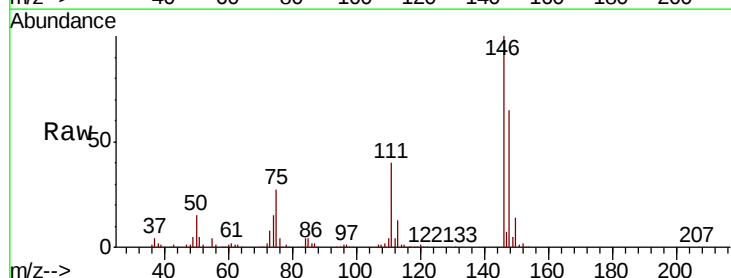
RT: 8.41 min Scan# 906

Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Tgt Ion:	146	Resp:	266220
Ion Ratio	Lower	Upper	
146	100		
148	65.5	53.5	80.3
111	39.7	35.4	53.0

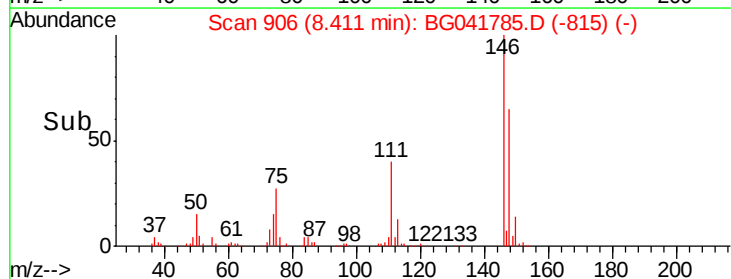
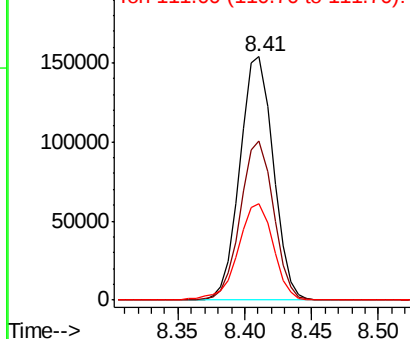


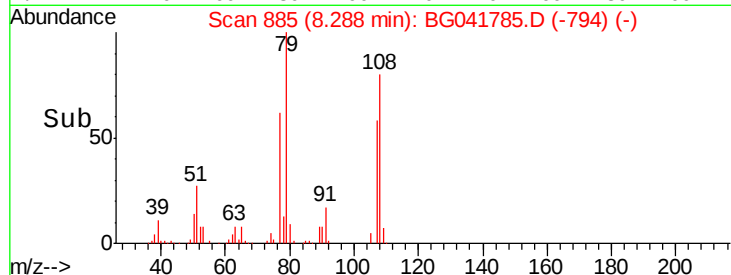
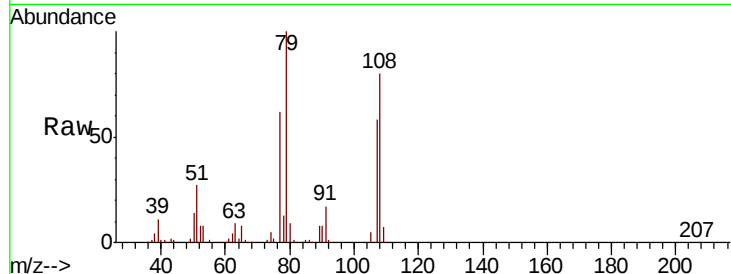
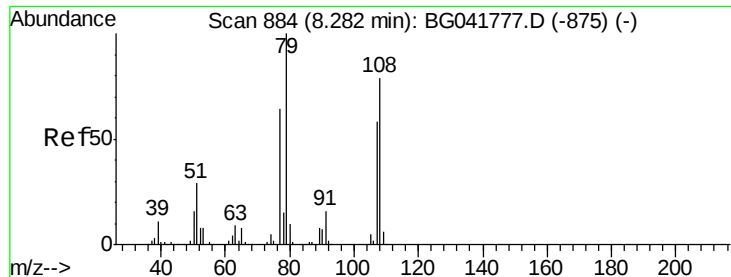
Abundance

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





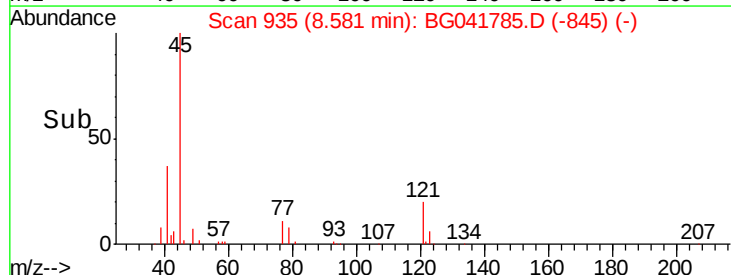
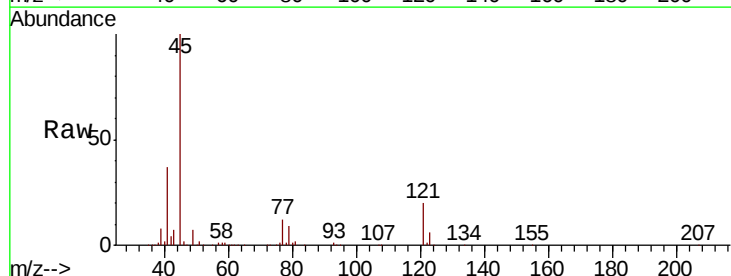
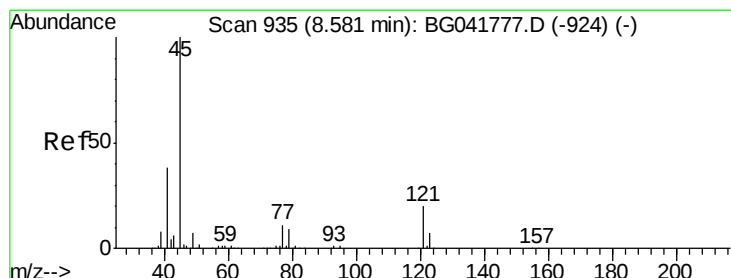
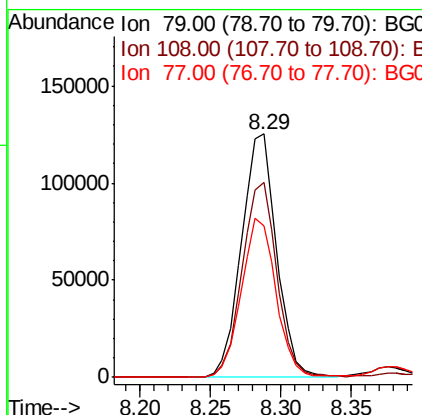
#15
Benzyl Alcohol
Concen: 39.654 ng
RT: 8.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	80.2	60.5	90.7	
77	62.2	50.6	75.8	

Instrument :
BNA_G
ClientSampleId :
PB121703BS

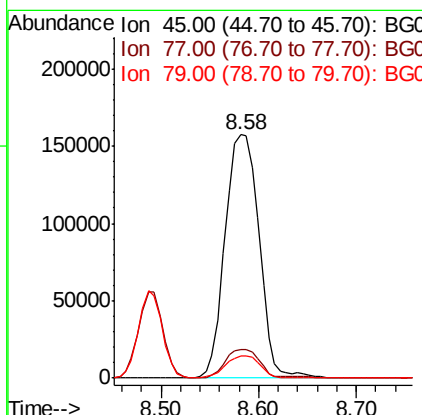
Manual Integrations
APPROVED

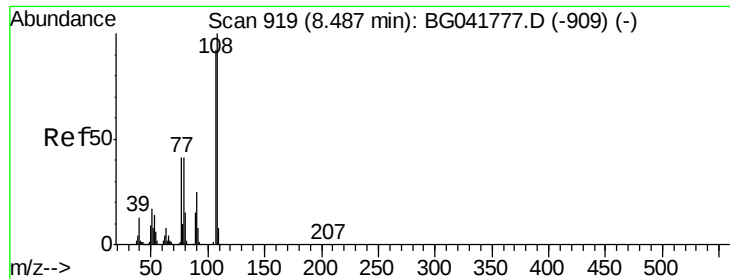
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.870 ng
RT: 8.58 min Scan# 935
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	11.9	0.0	30.4	
79	9.3	0.0	27.9	





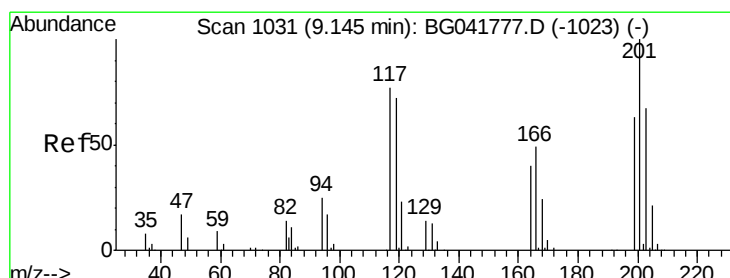
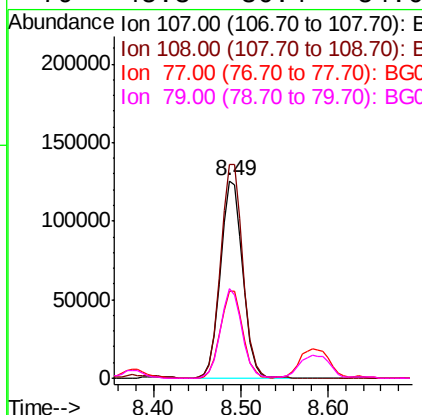
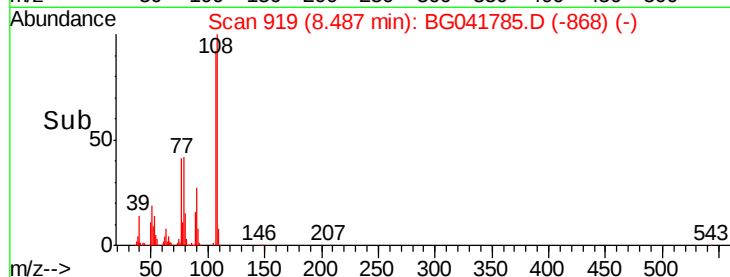
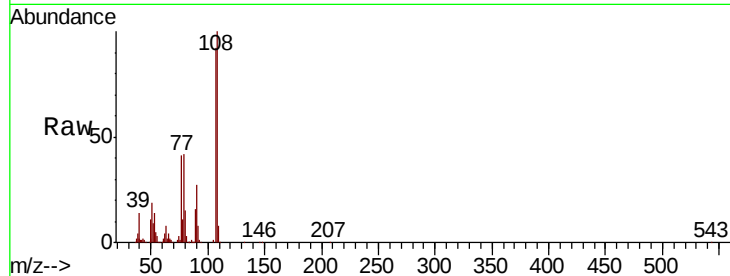
#17
2-Methylphenol
Concen: 41.946 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.3	87.6	131.4	
77	44.4	36.1	54.1	
79	45.3	36.4	54.6	

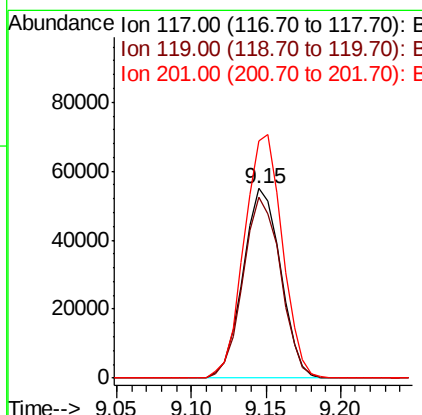
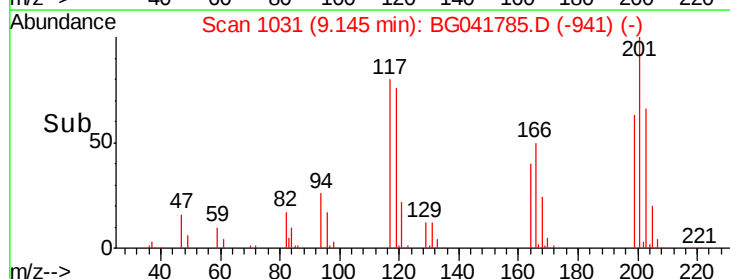
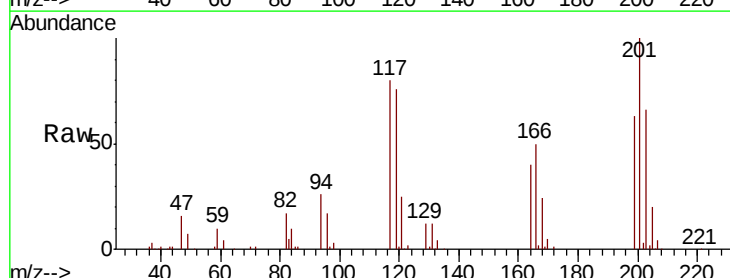
Manual Integrations
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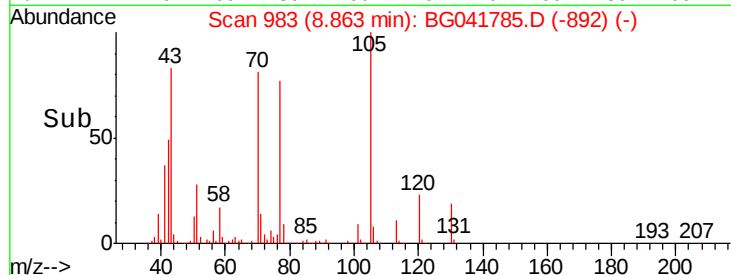
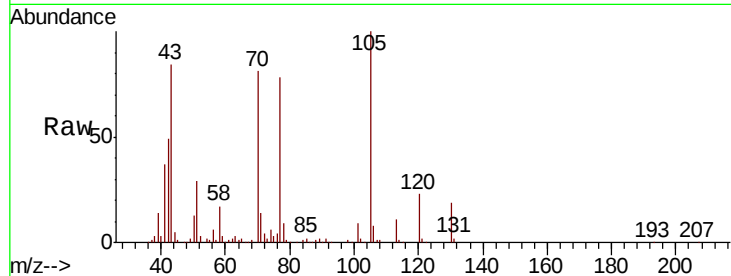
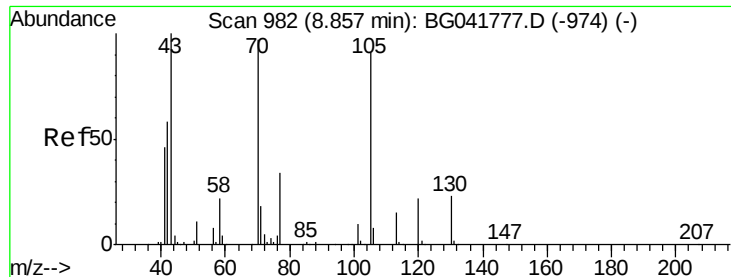
mohammad
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#18
Hexachloroethane
Concen: 36.184 ng
RT: 9.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.3	76.2	114.2	
201	125.1	94.1	141.1	





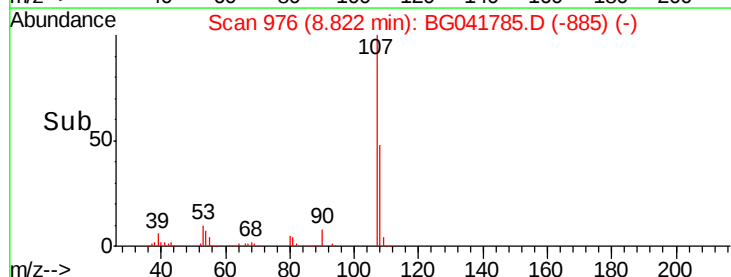
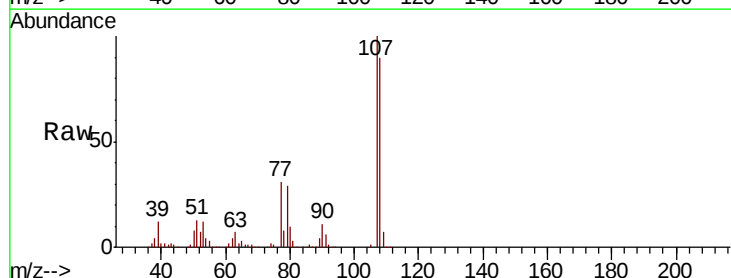
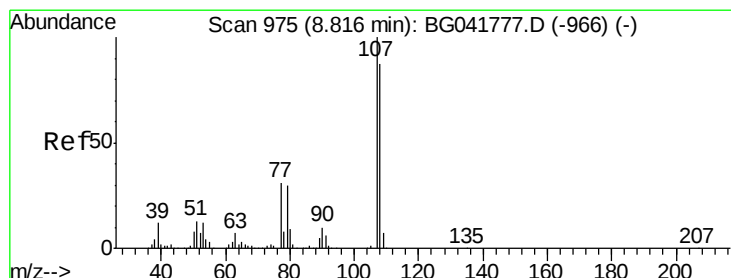
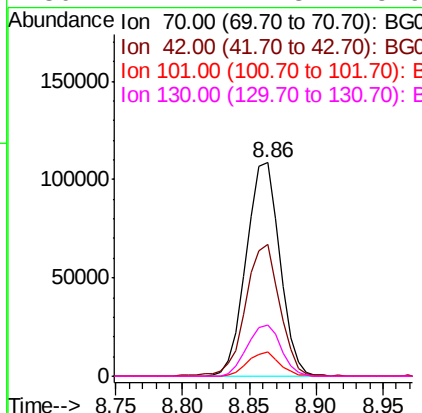
#19
n-Nitroso-di-n-propylamine
Concen: 37.256 ng
RT: 8.86 min Scan# 983
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Manual Integrations
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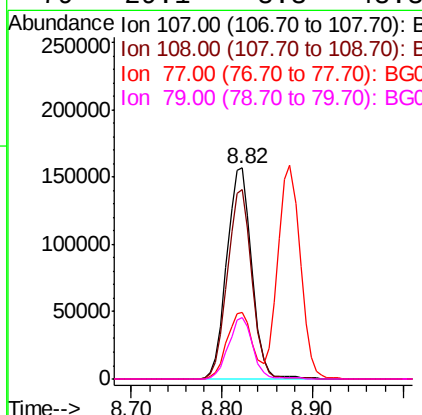
mohammad
7/30/2019 4:52:22 PM

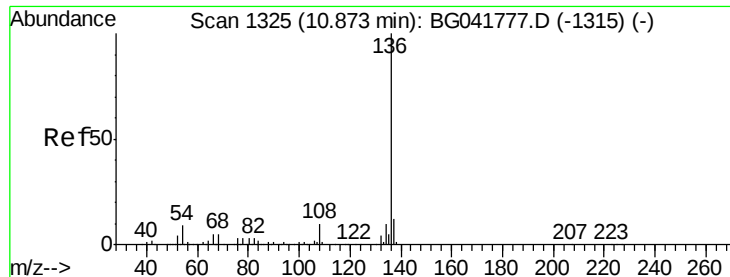
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.5	55.8	83.6	
101	11.2	8.1	12.1	
130	24.1	17.3	25.9	



#20
3+4-Methylphenols
Concen: 41.451 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.1	67.5	107.5	
77	31.5	12.3	52.3	
79	29.1	8.3	48.3	





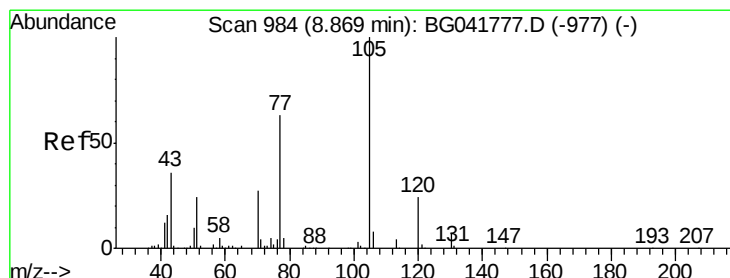
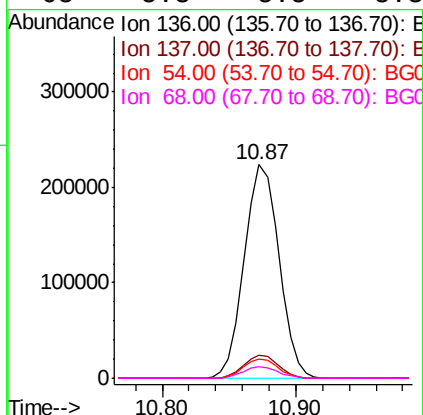
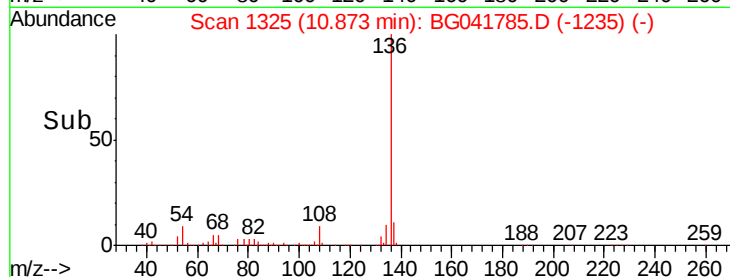
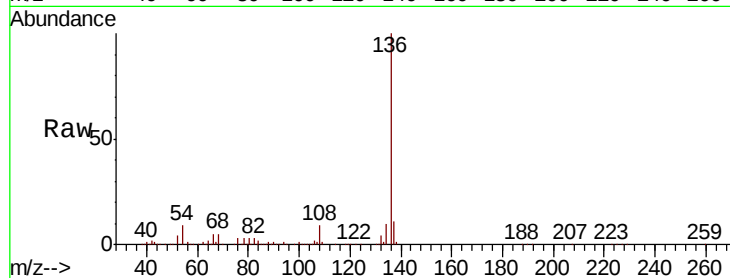
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.2	13.8	
54	8.9	8.7	13.1	
68	5.3	5.5	8.3#	

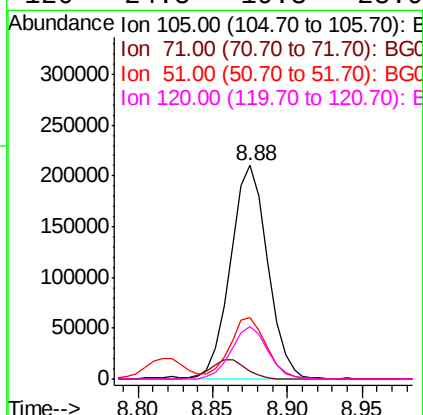
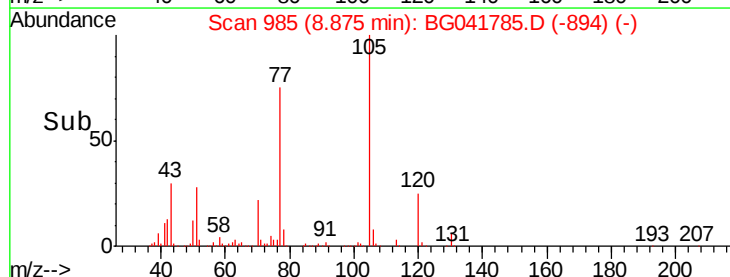
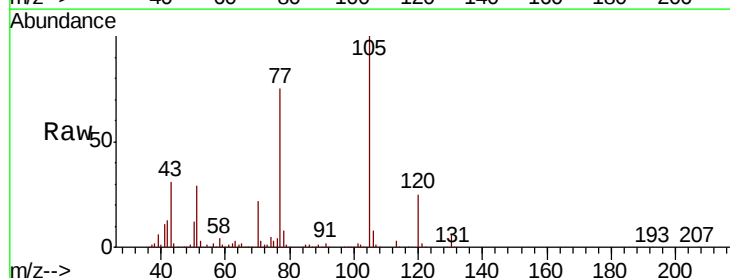
Manual Integrations
APPROVED

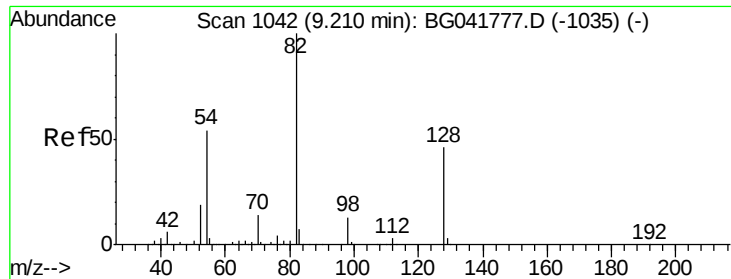
mohammad
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#22
Acetophenone
Concen: 40.273 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.4	5.9	8.9#	
51	28.7	27.7	41.5	
120	24.5	19.3	28.9	





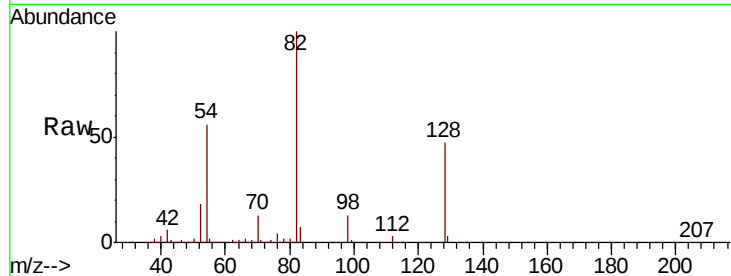
#23
Nitrobenzene-d5
Concen: 87.665 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.7	35.1	52.7	
54	56.0	48.7	73.1	

Manual Integrations
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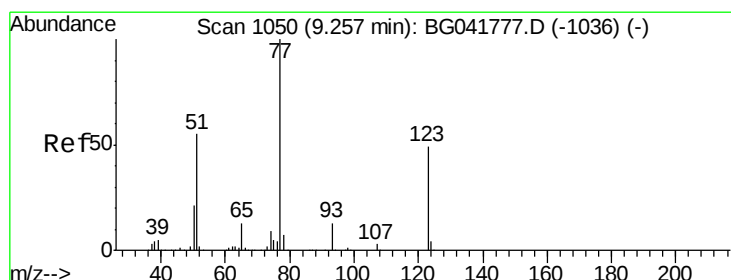
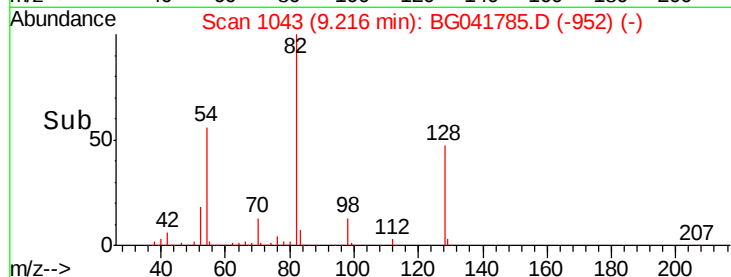
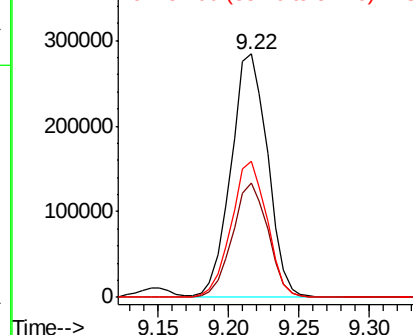


Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
Nitrobenzene
Concen: 42.987 ng
RT: 9.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

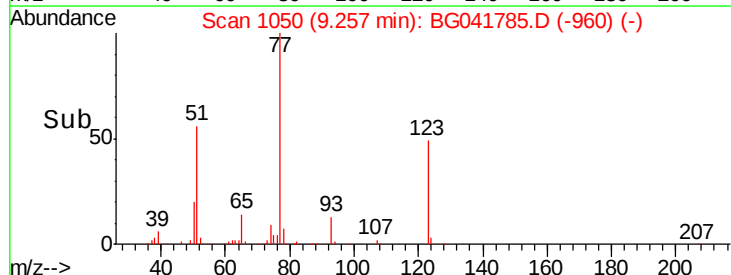
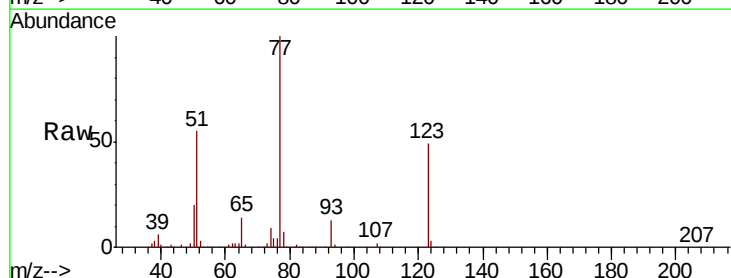
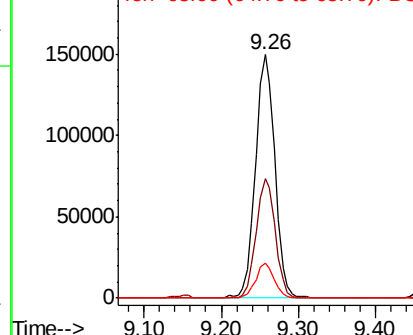
Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.2	38.1	57.1	
65	14.3	11.0	16.6	

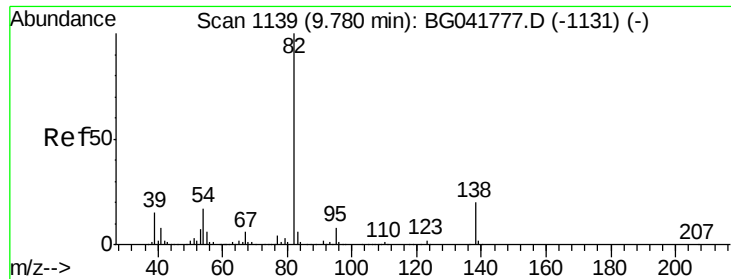
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 40.360 ng

RT: 9.79 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Instrument :

BNA_G

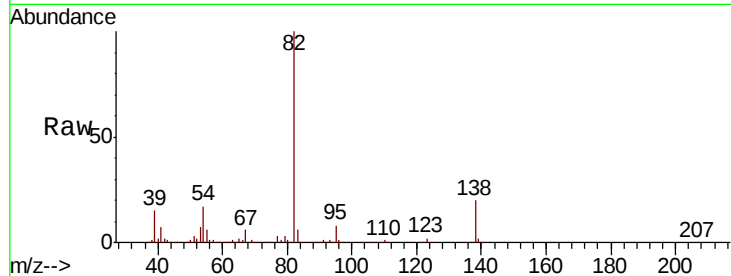
ClientSampleId :

PB121703BS

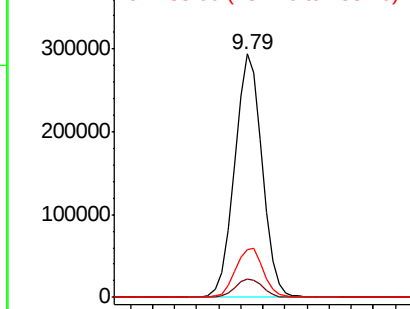
Tot Ion	82	Resp	513948
Ion	Ratio	Lower	Upper
82	100		
95	7.7	5.9	8.9
138	19.8	16.3	24.5

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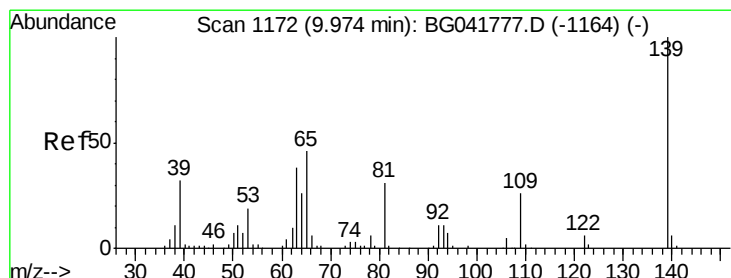
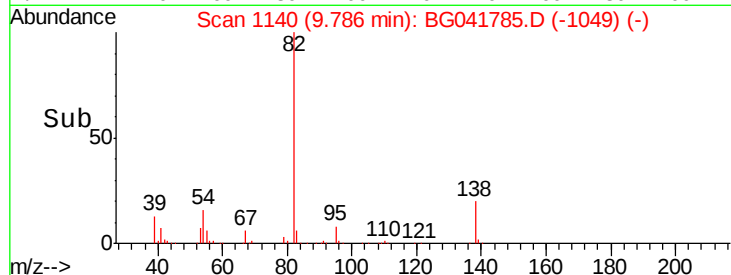
mohammad
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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



Time-->



#26

2-Nitrophenol

Concen: 47.508 ng

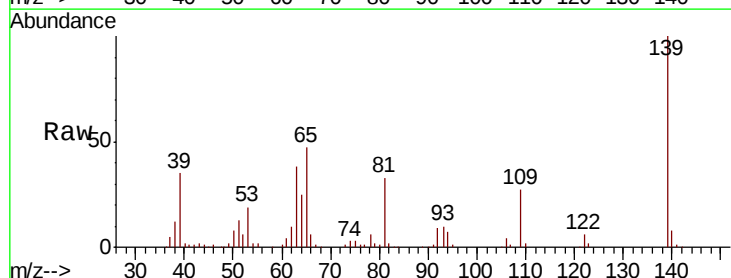
RT: 9.97 min Scan# 1172

Delta R.T. 0.00 min

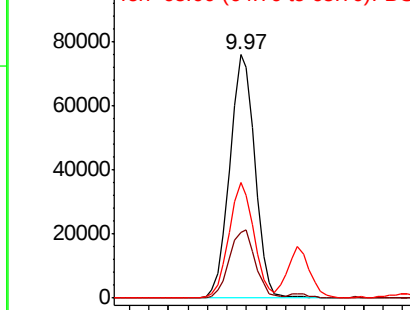
Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

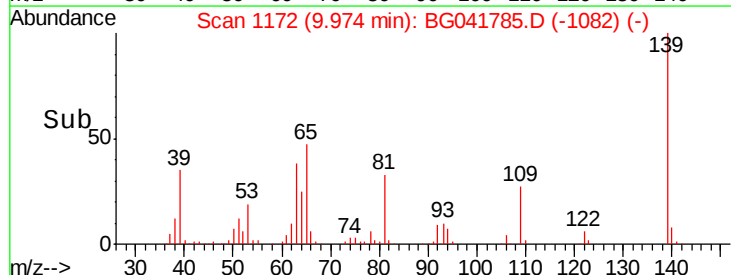
Tgt Ion	139	Resp	135977
Ion	Ratio	Lower	Upper
139	100		
109	27.2	22.7	34.1
65	47.2	41.1	61.7

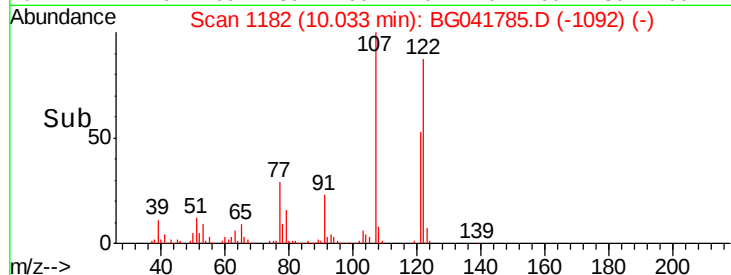
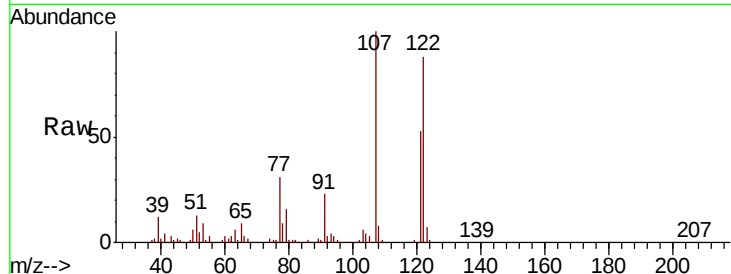
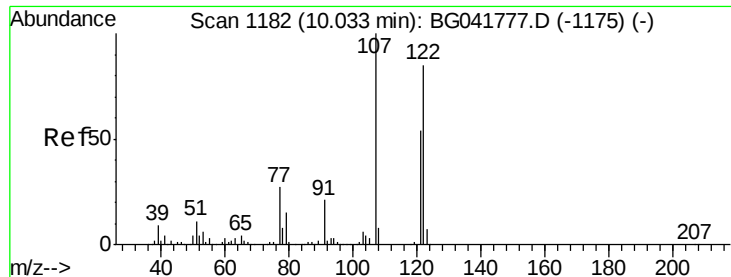


Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



Time-->





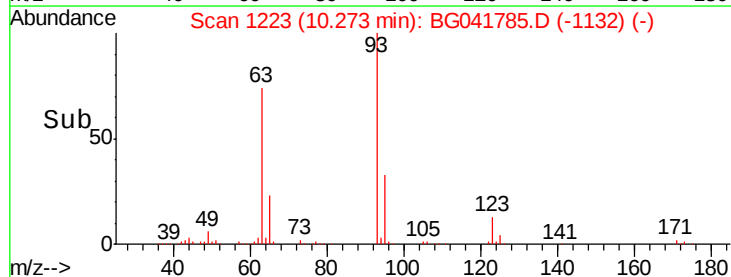
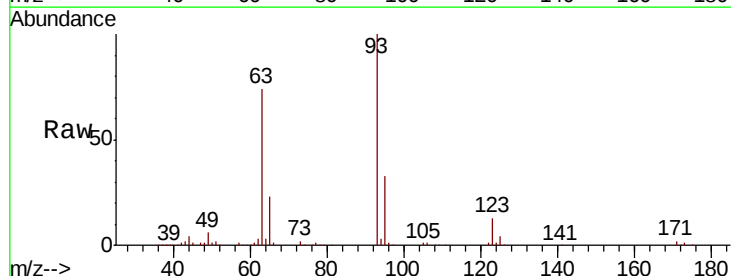
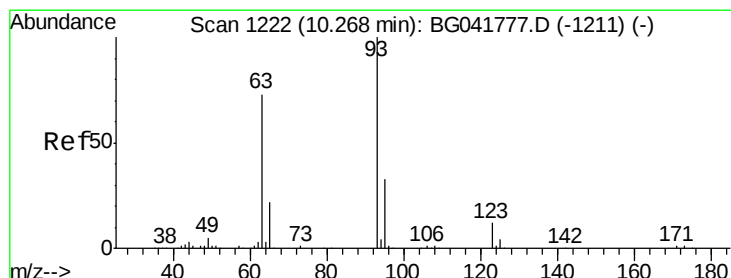
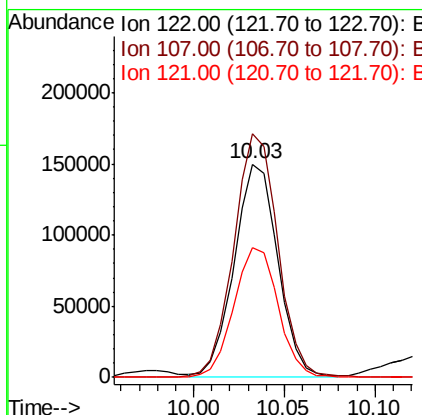
#27
2,4-Dimethylphenol
Concen: 49.299 ng
RT: 10.03 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	249037		
107	114.2	91.3	136.9	
121	60.9	49.2	73.8	

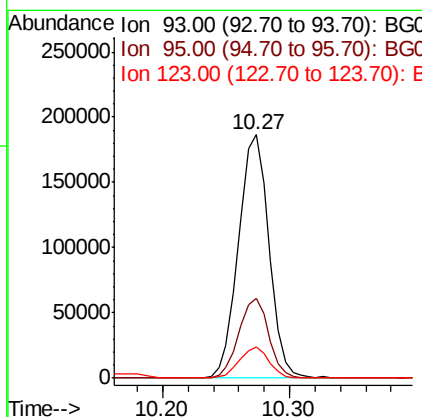
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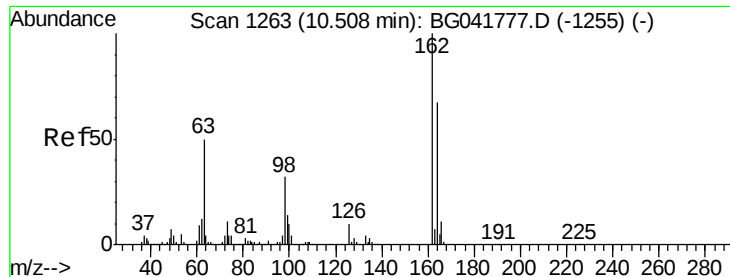
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 39.178 ng
RT: 10.27 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	311766		
95	32.6	26.2	39.4	
123	12.9	9.9	14.9	





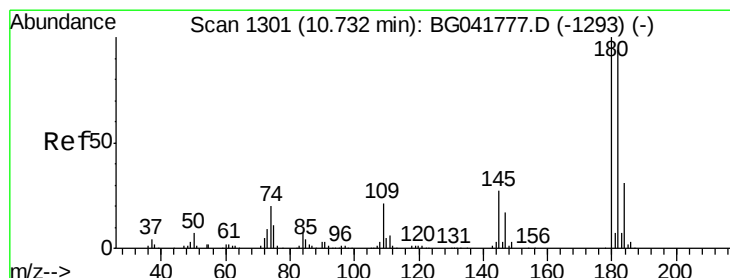
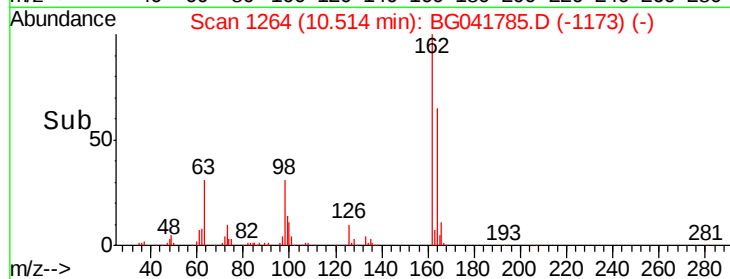
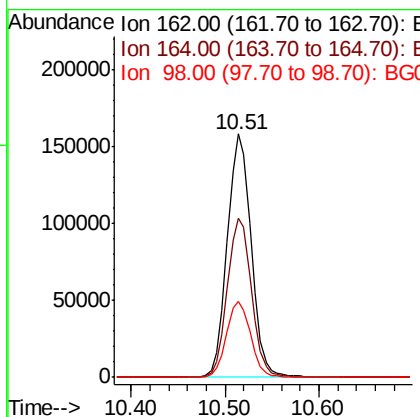
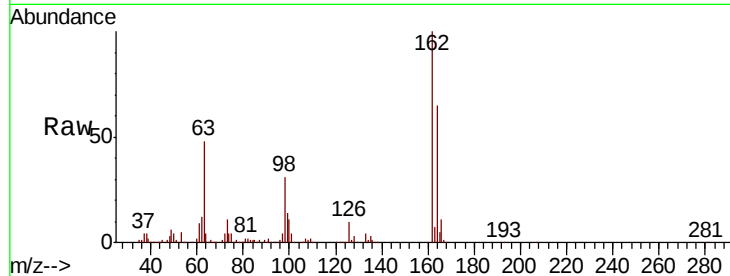
#29
 2,4-Dichlorophenol
 Concen: 45.624 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB121703BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.5	46.1	86.1	
98	31.3	14.7	54.7	

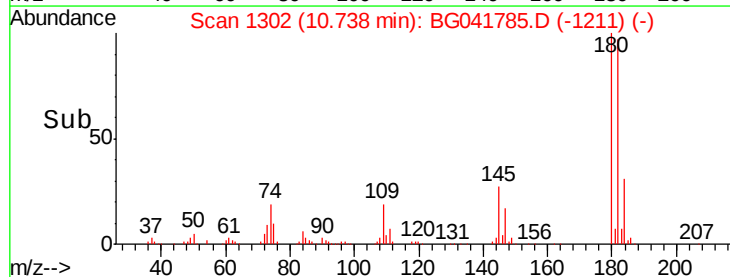
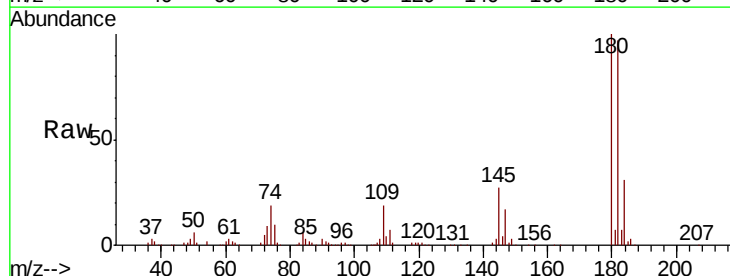
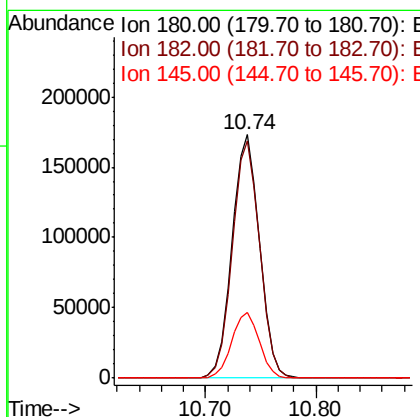
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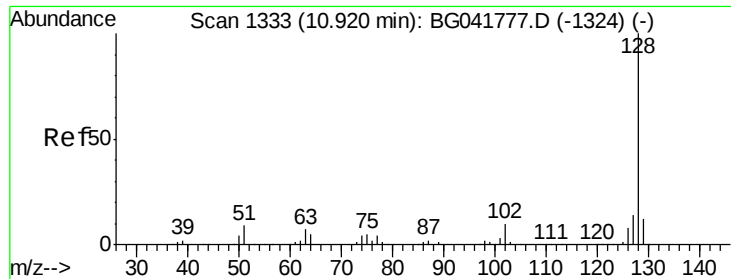
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.660 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.3	76.2	114.2	
145	27.0	23.8	35.8	





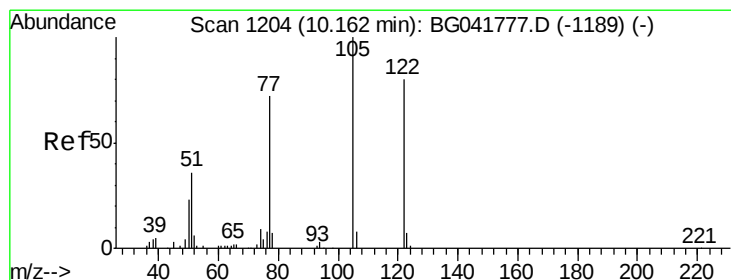
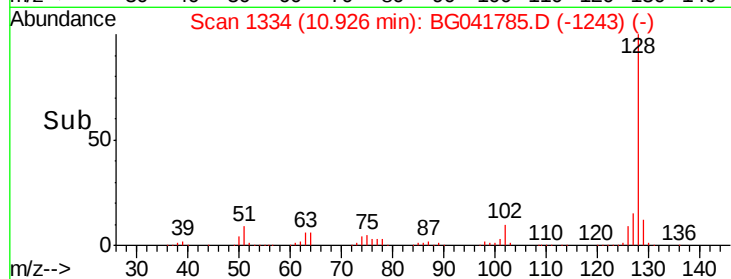
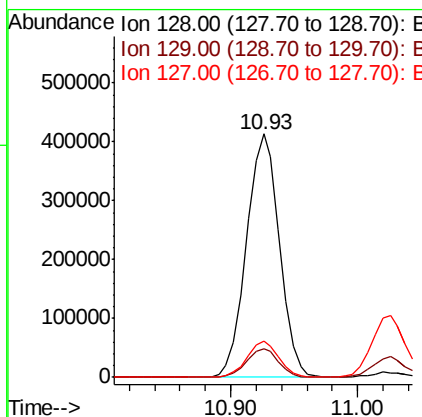
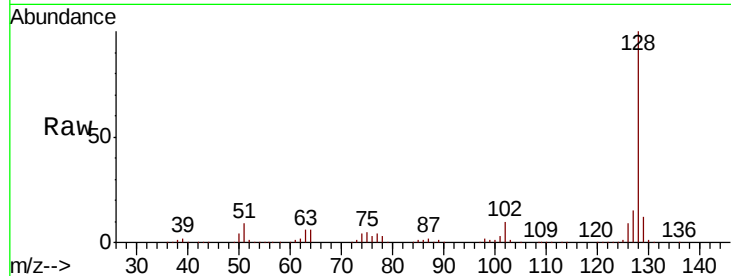
#31
Naphthalene
Concen: 40.430 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	10.0	15.0
127	14.8	12.3	18.5

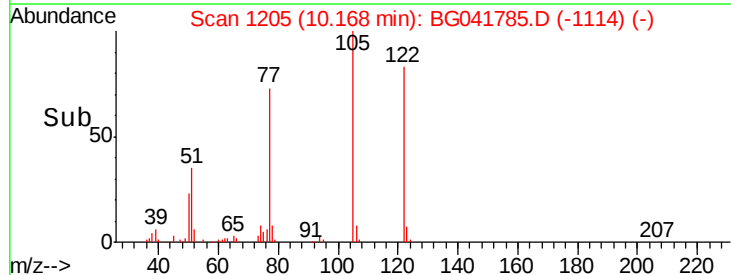
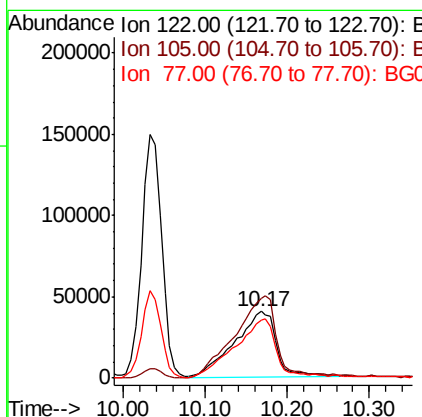
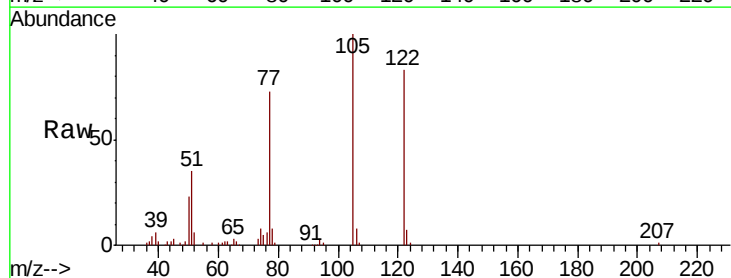
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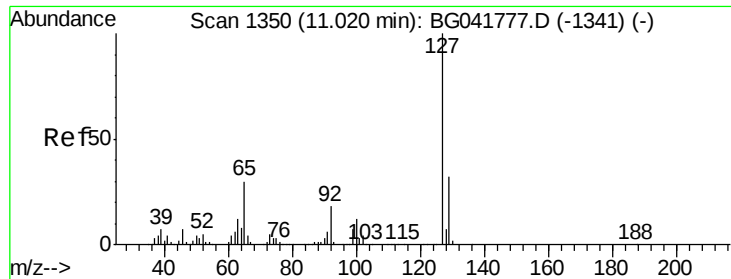
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#32
Benzoic acid
Concen: 41.163 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.3	101.5	141.5
77	87.3	73.0	113.0





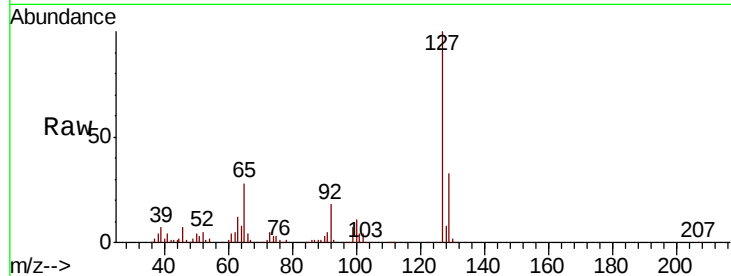
#33
4-Chloroaniline
Concen: 22.554 ng
RT: 11.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		197197		
129	33.3	25.8	38.8		
65	28.5	26.7	40.1		
92	17.7	15.4	23.0		

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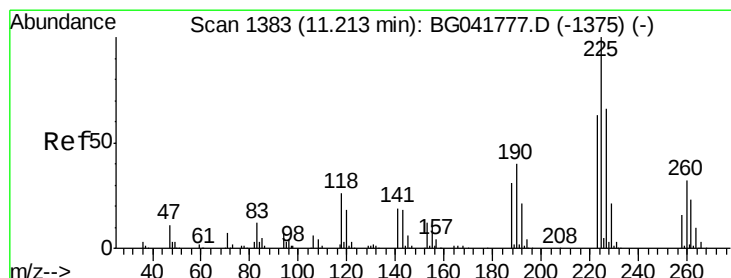
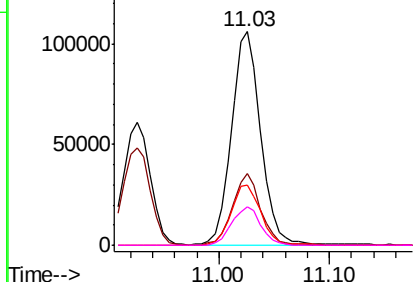
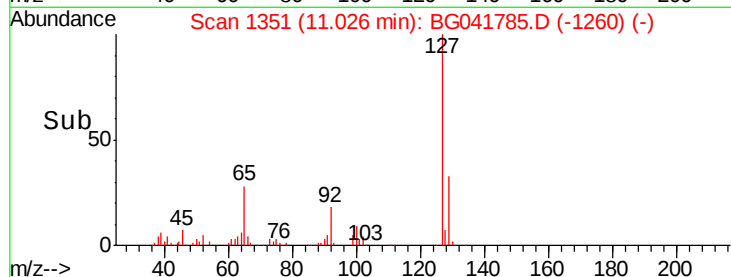
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

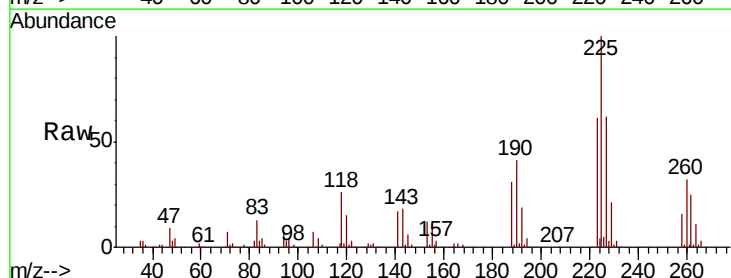
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 37.336 ng
RT: 11.22 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		196572		
223	60.7	51.1	76.7		
227	61.7	50.9	76.3		

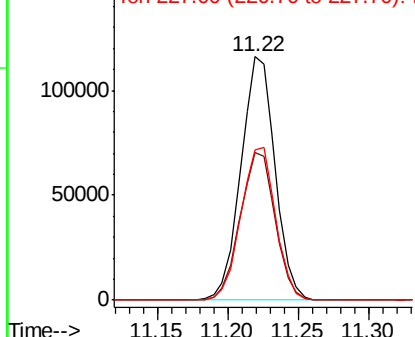
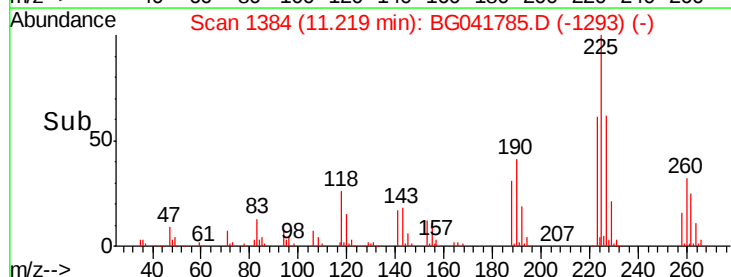


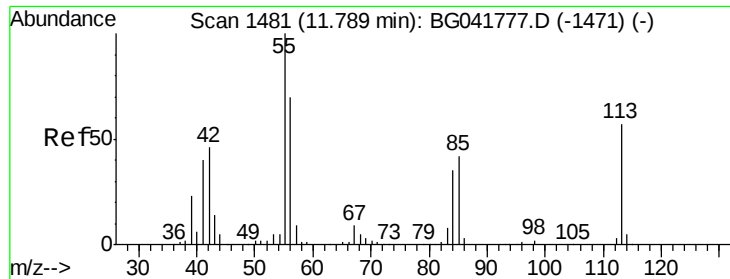
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 45.131 ng/mL

RT: 11.79 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Instrument :

BNA_G

ClientSampled :

PB121703BS

Tot Ion:113 Resp: 96484

Ion Ratio Lower Upper

113 100

55 182.7 199.4 239.4#

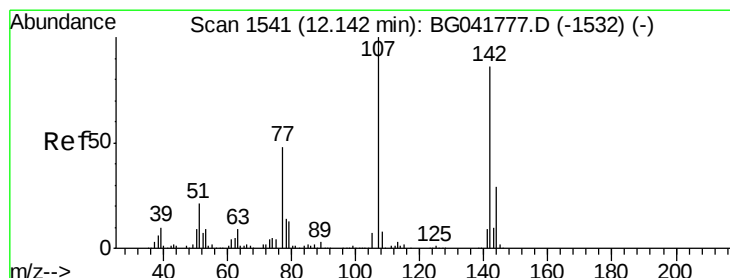
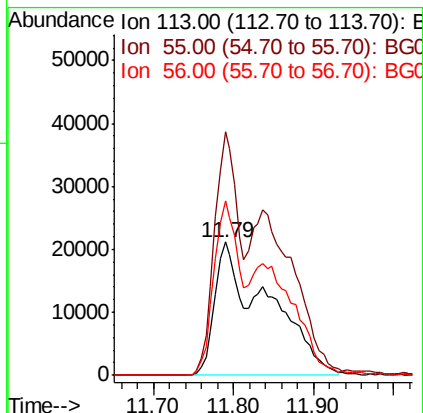
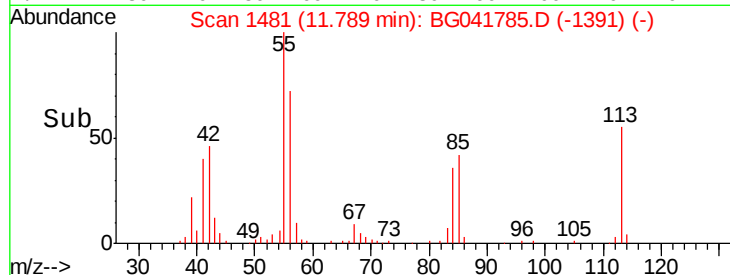
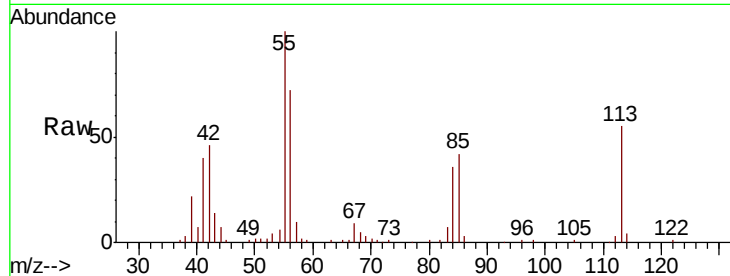
56 131.2 133.6 173.6#

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#36

4-Chloro-3-methylphenol

Concen: 46.043 ng/mL

RT: 12.15 min Scan# 1542

Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

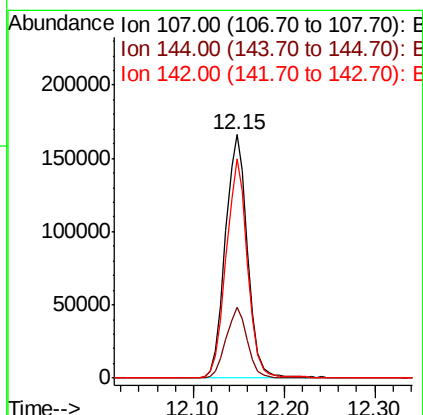
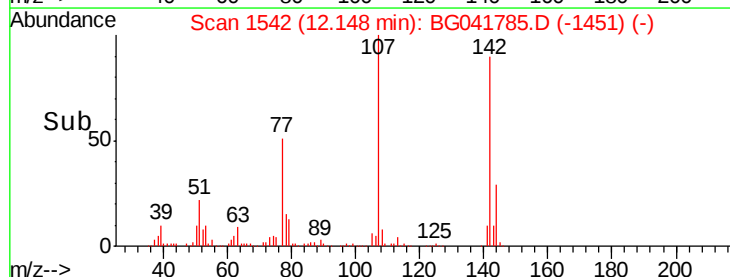
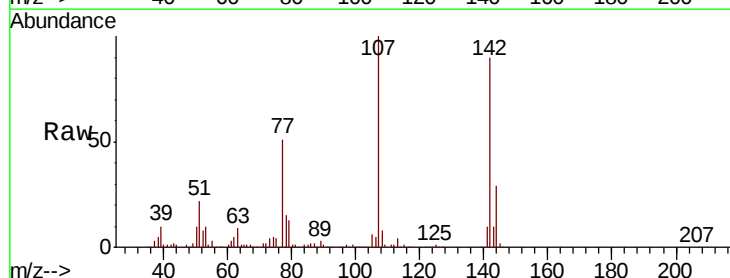
Tgt Ion:107 Resp: 280808

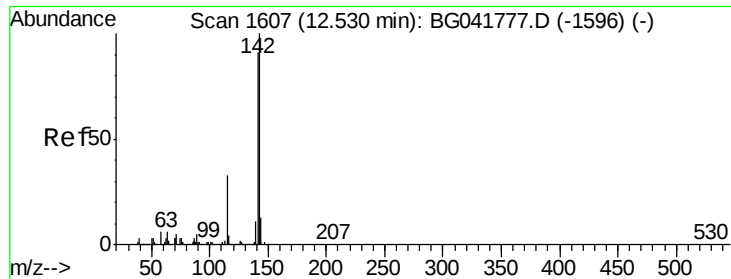
Ion Ratio Lower Upper

107 100

144 29.0 22.2 33.2

142 90.1 67.3 100.9





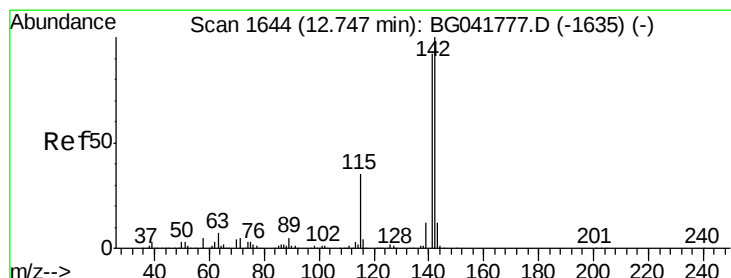
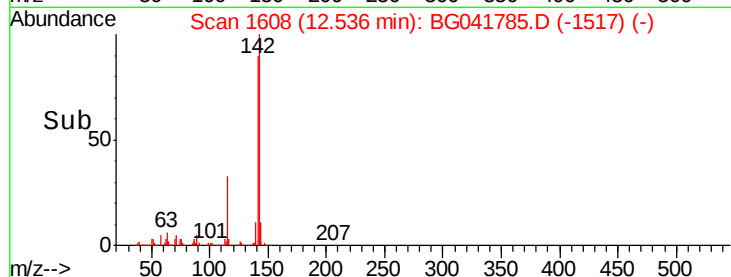
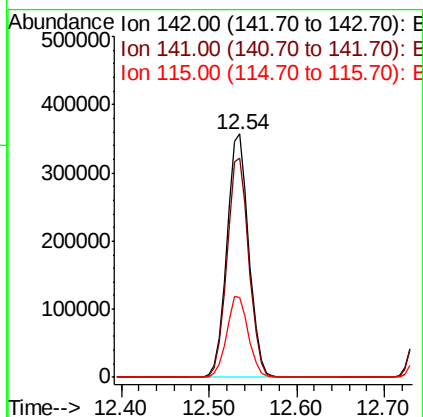
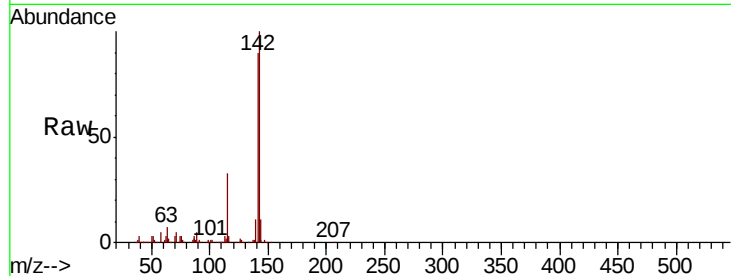
#37
2-Methylnaphthalene
Concen: 41.645 ng
RT: 12.54 min Scan# 1608
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.7	109.1
115	32.6	27.0	40.4

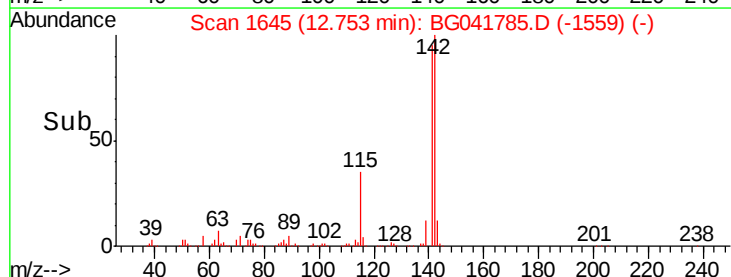
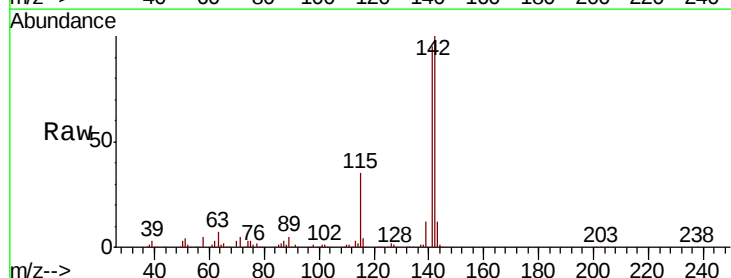
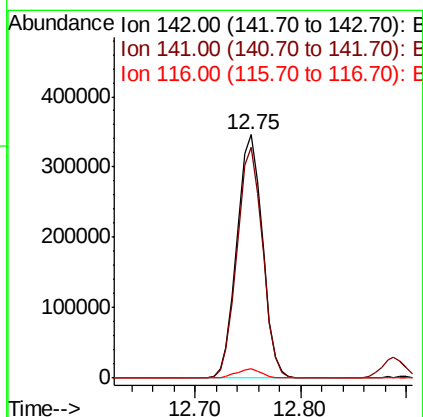
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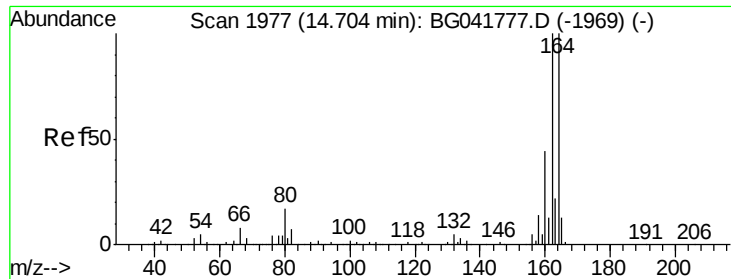
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#38
1-Methylnaphthalene
Concen: 41.799 ng
RT: 12.75 min Scan# 1645
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	75.4	113.2
116	4.0	3.2	4.8





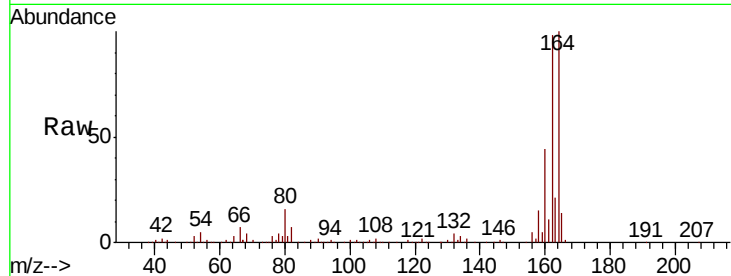
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.3	79.6	119.4
160	44.2	35.4	53.0

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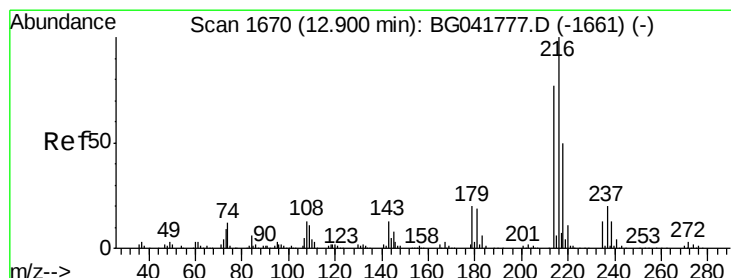
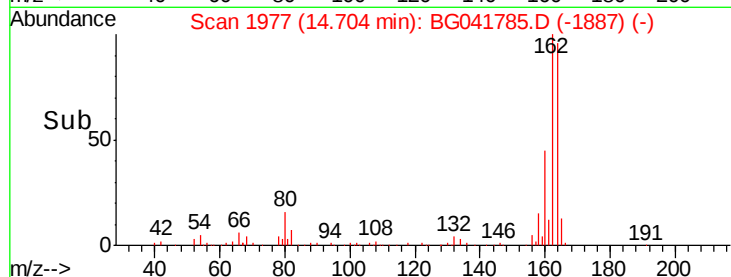
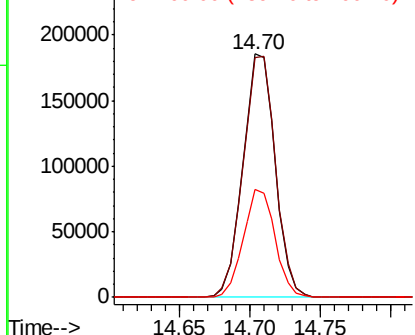


Abundance

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: 39.828 ng
RT: 12.90 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	61.5	92.3
179	19.7	16.2	24.2
108	15.6	13.2	19.8

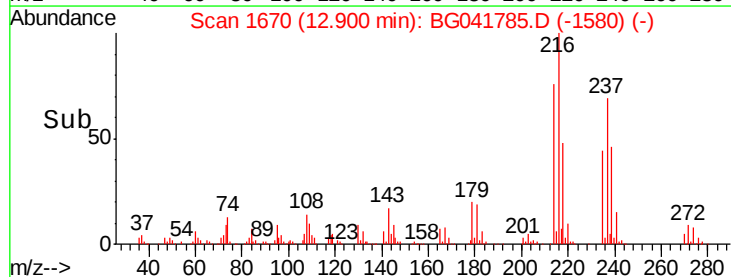
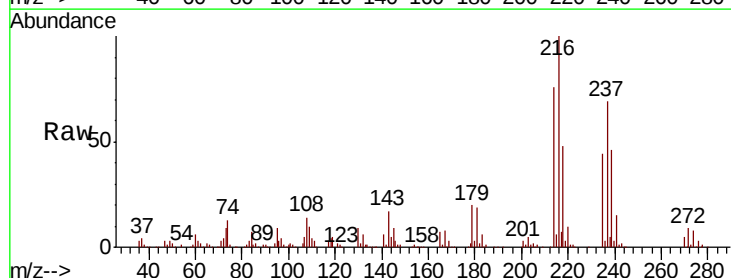
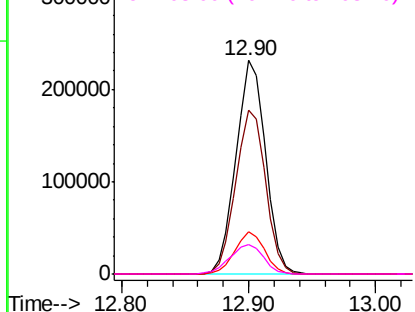
Abundance

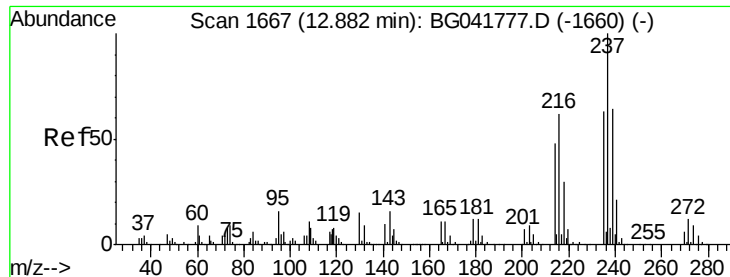
Ion 216.00 (215.70 to 216.70): E

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





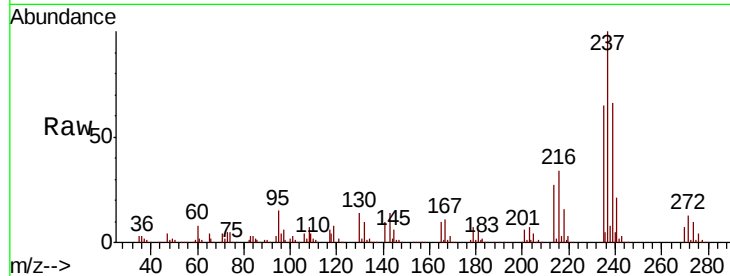
#41
Hexachlorocyclopentadiene
Concen: 90.265 ng
RT: 12.89 min Scan# 1668
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	65.0	43.5	83.5
272	12.8	0.0	31.2

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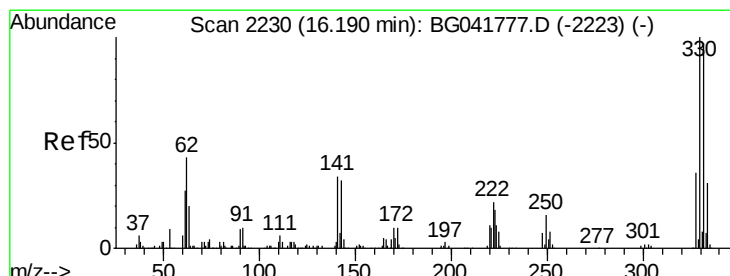
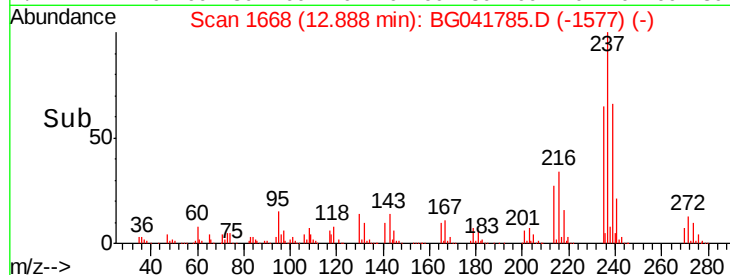
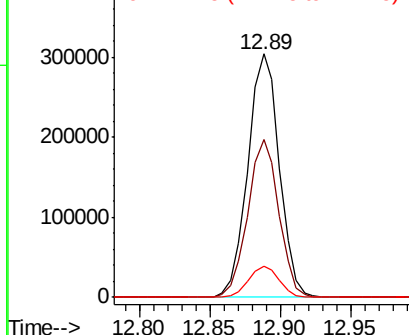


Abundance

Ion 236.80 (236.50 to 237.50): E

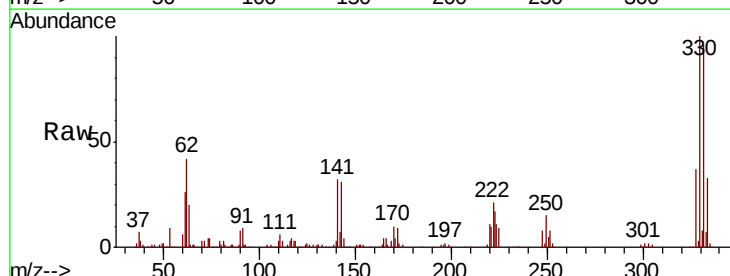
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 134.338 ng
RT: 16.20 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.2	77.4	116.0
141	32.9	31.9	47.9

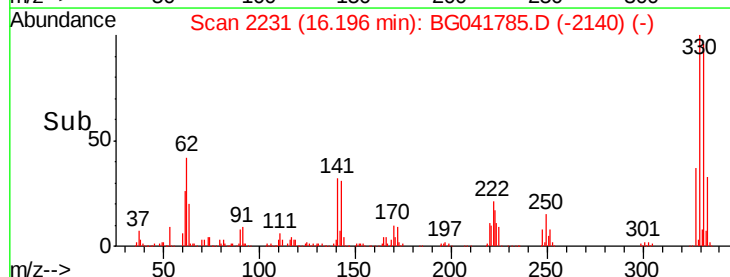
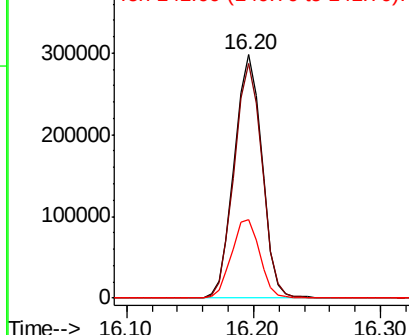


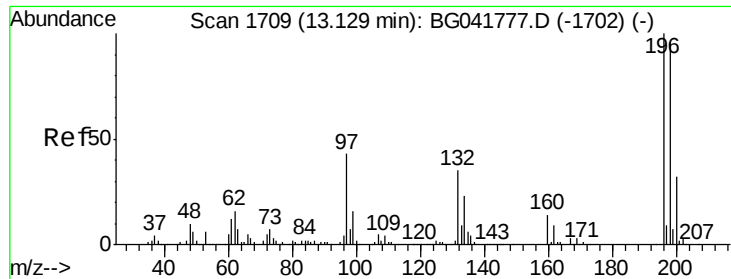
Abundance

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





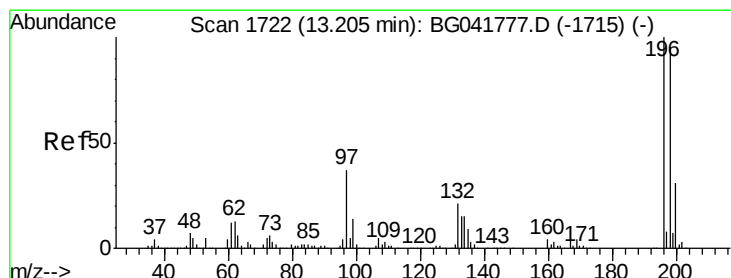
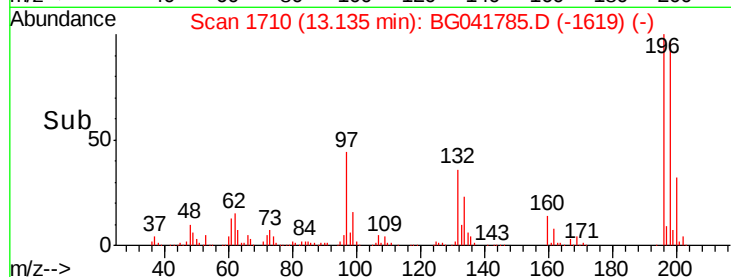
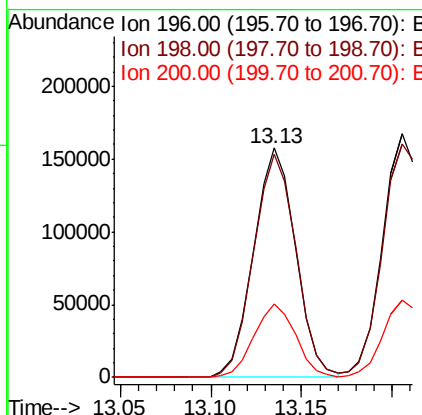
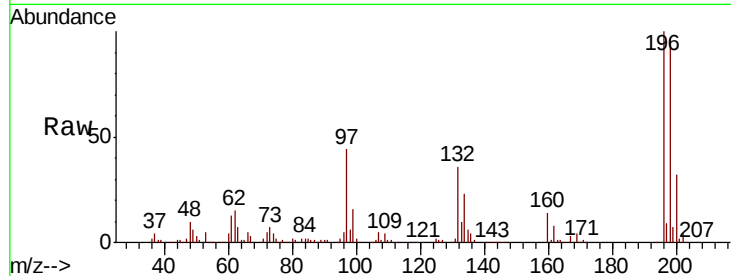
#43
 2,4,6-Trichlorophenol
 Concen: 42.806 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.01 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB121703BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	253451		
198	97.4	79.6	119.4	
200	31.9	25.2	37.8	

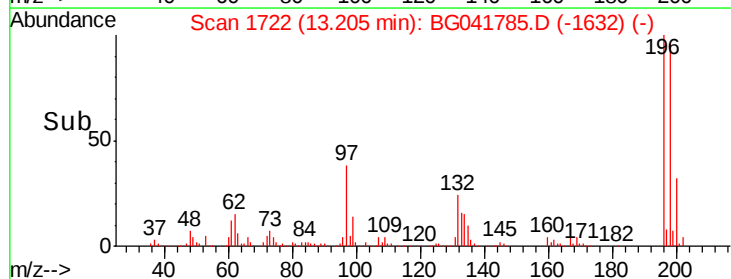
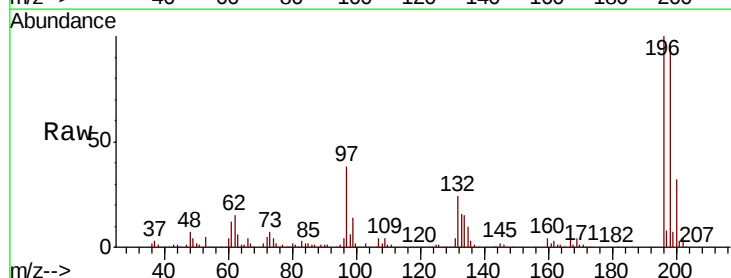
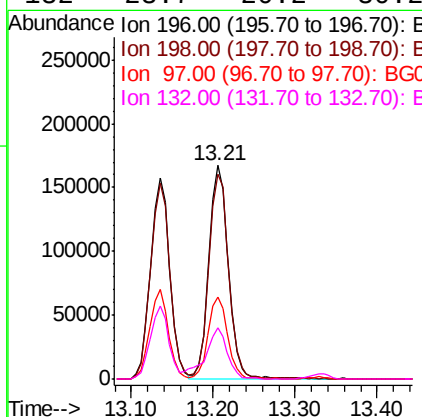
Manual Integrations
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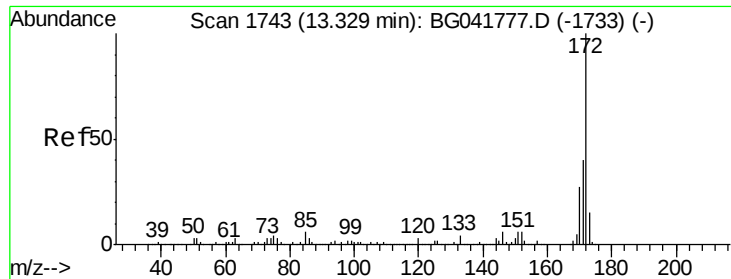
mohammad
 7/30/2019 4:52:22 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.961 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	276645		
198	96.0	80.6	121.0	
97	38.2	33.9	50.9	
132	23.7	20.2	30.2	





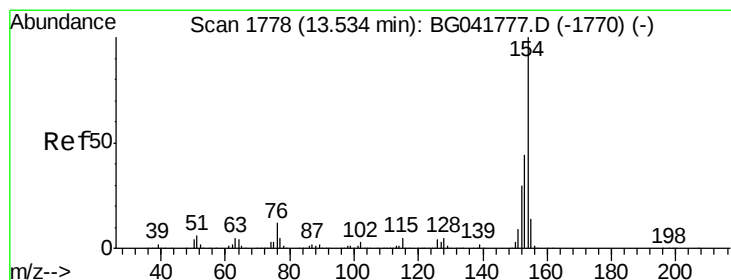
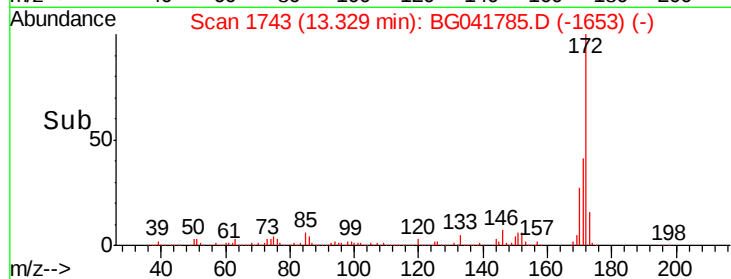
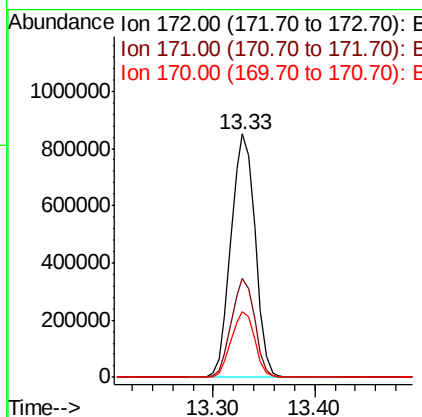
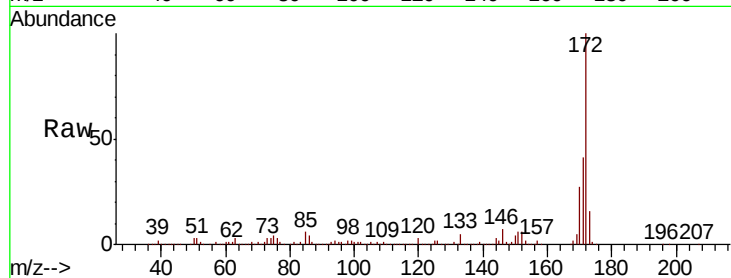
#45
2-Fluorobiphenyl
Concen: 83.657 ng
RT: 13.33 min Scan# 1743
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.6	35.0	52.4
170	27.2	23.5	35.3

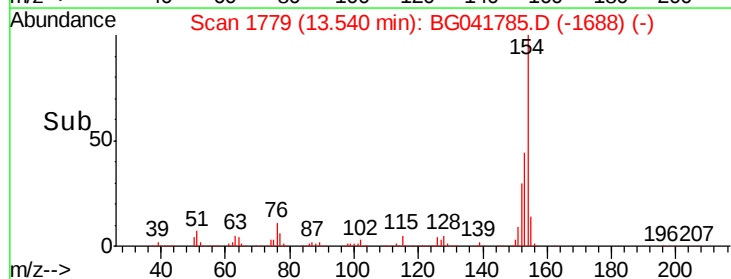
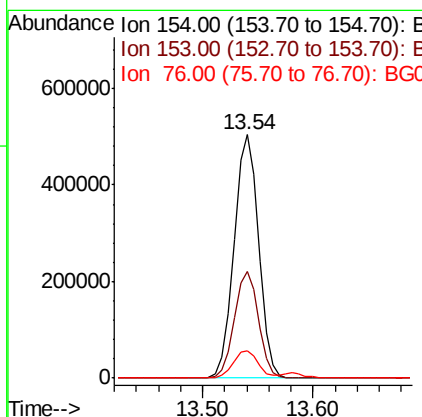
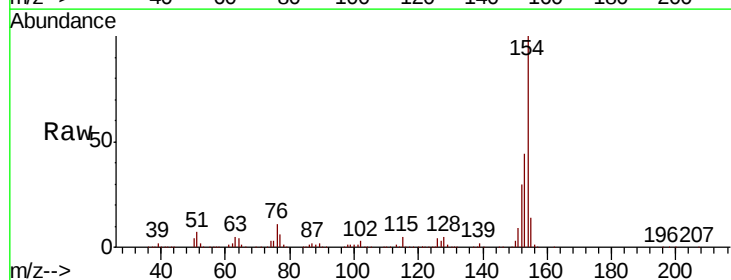
Manual Integrations
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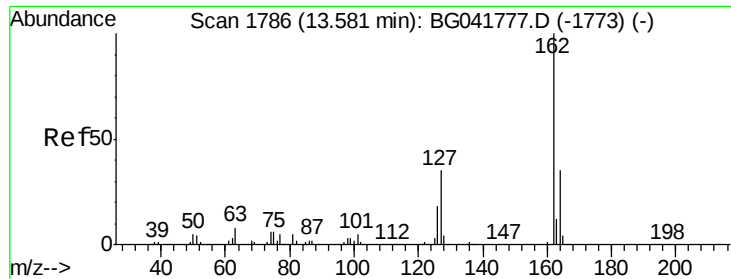
mohammad
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#46
1,1'-Biphenyl
Concen: 41.271 ng
RT: 13.54 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.0	25.0	65.0
76	11.2	0.0	34.5





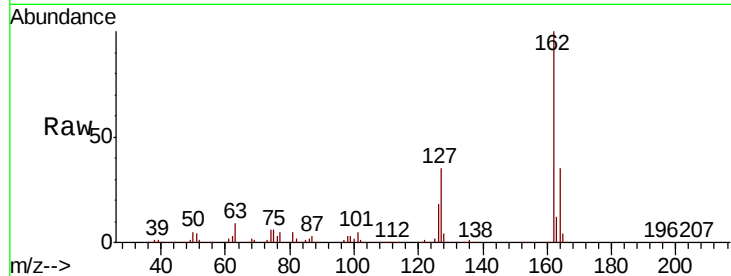
#47
2-Chloronaphthalene
Concen: 38.862 ng
RT: 13.58 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.1	30.4	45.6
164	35.3	28.6	42.8

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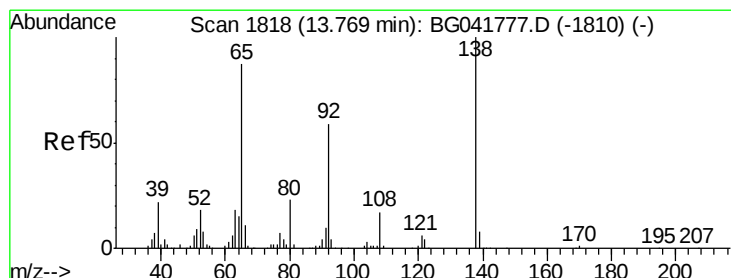
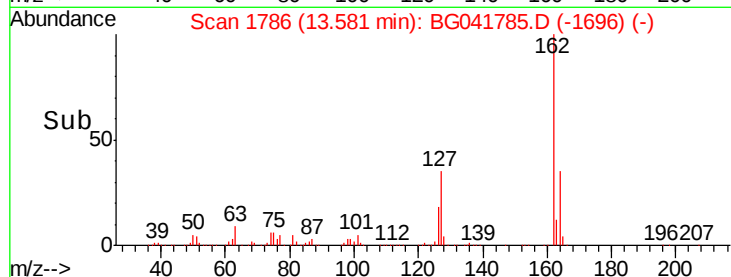
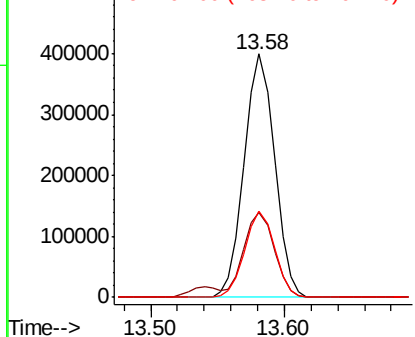


Abundance

Ion 162.00 (161.70 to 162.70): E

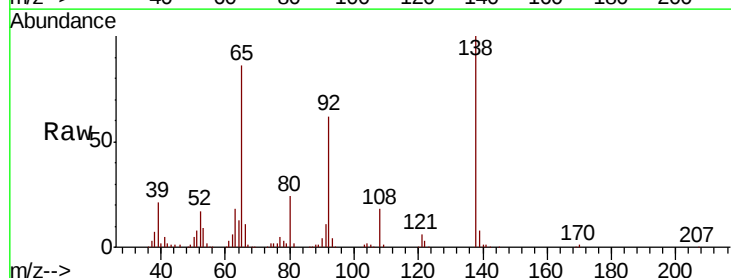
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 43.351 ng
RT: 13.78 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.0	53.9	80.9
138	115.8	83.5	125.3

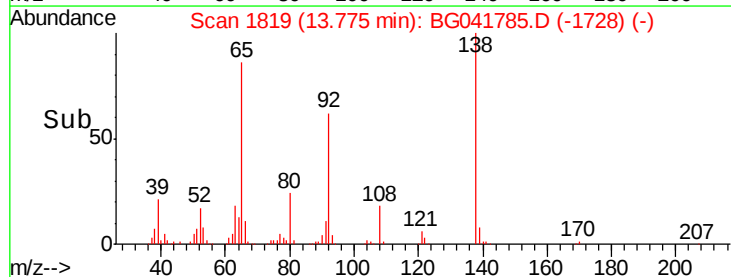
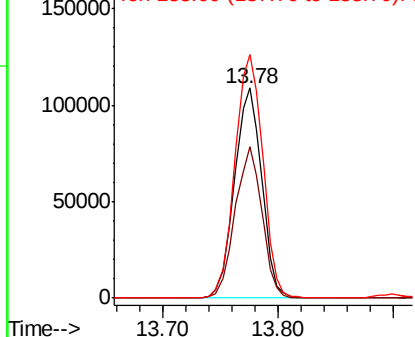


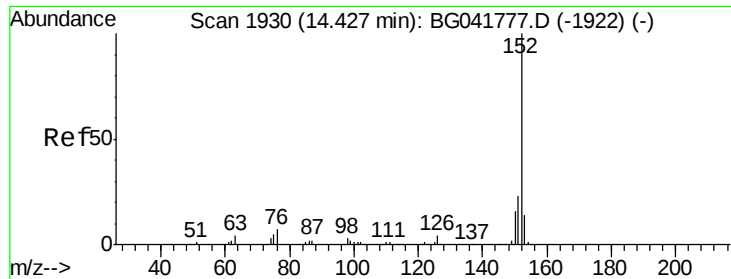
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.383 ng

RT: 14.43 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Instrument :

BNA_G

ClientSampleId :

PB121703BS

Tot Ion:152 Resp: 1002636

Ion Ratio Lower Upper

152 100

151 22.6 18.7 28.1

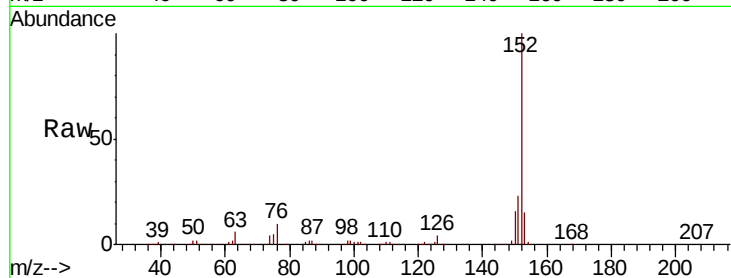
153 14.5 12.4 18.6

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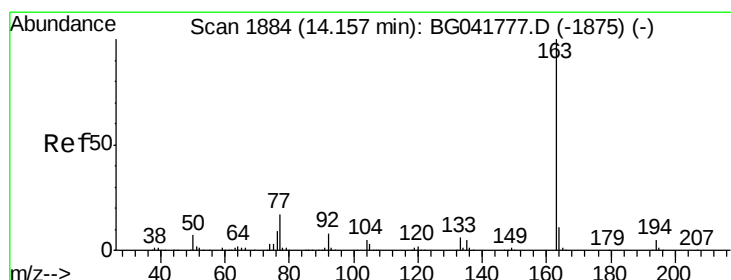
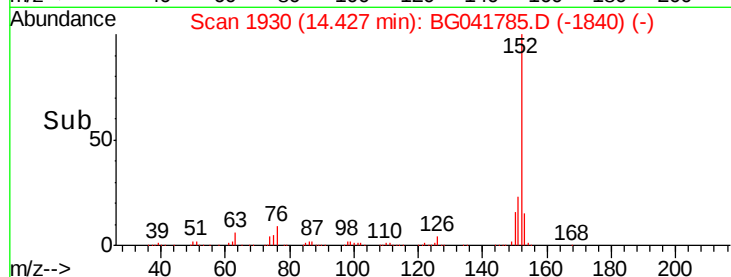
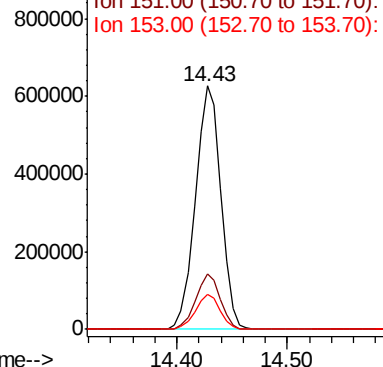


Abundance

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: 41.700 ng

RT: 14.16 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

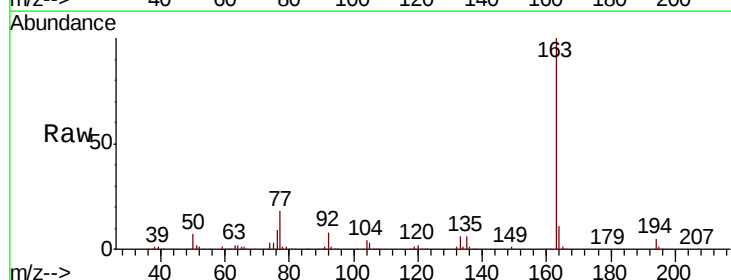
Tgt Ion:163 Resp: 842836

Ion Ratio Lower Upper

163 100

194 5.2 4.2 6.2

164 11.4 9.4 14.2

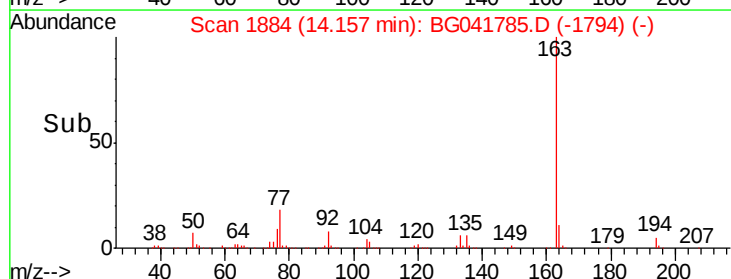
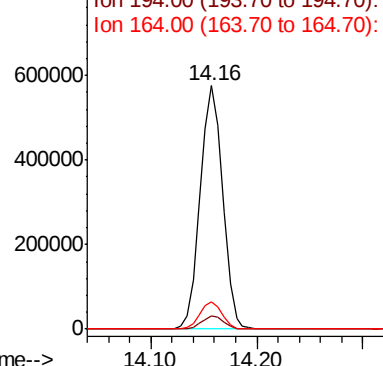


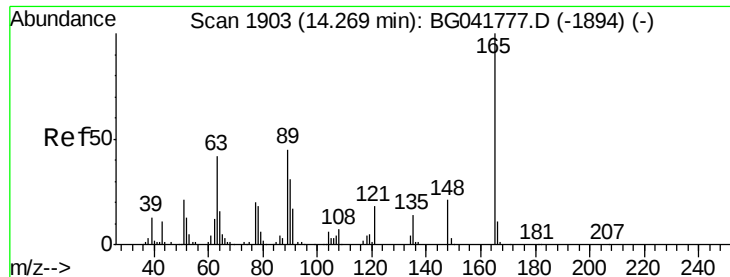
Abundance

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





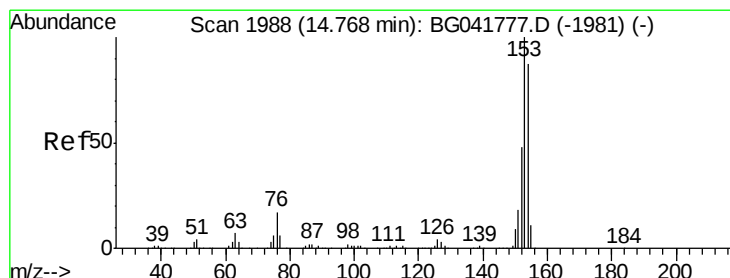
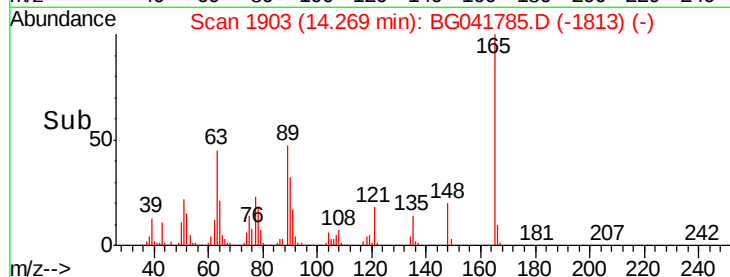
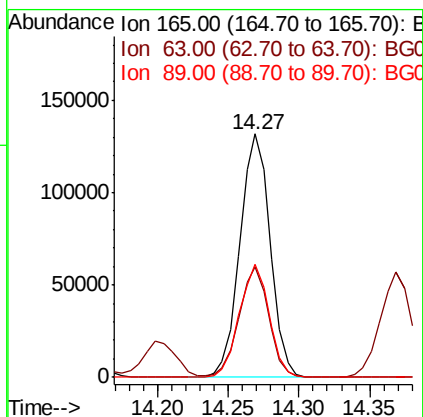
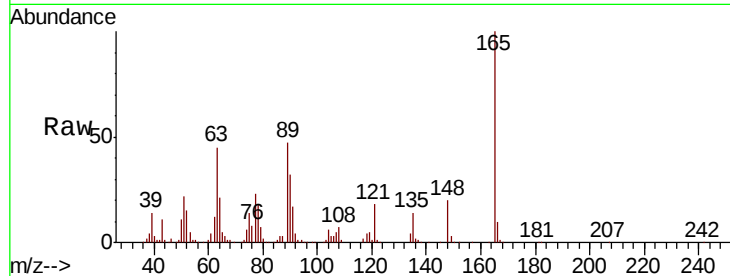
#51
 2,6-Dinitrotoluene
 Concen: 46.628 ng
 RT: 14.27 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB121703BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	197066		
63	45.4		42.4	63.6
89	46.6		42.1	63.1

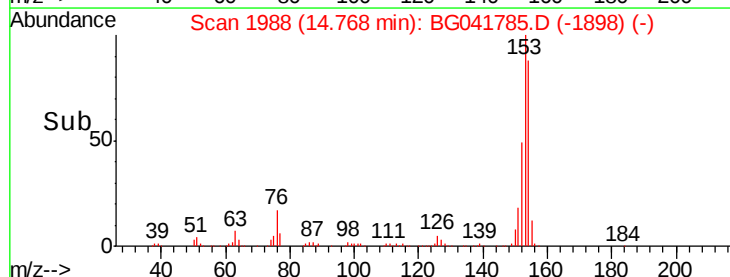
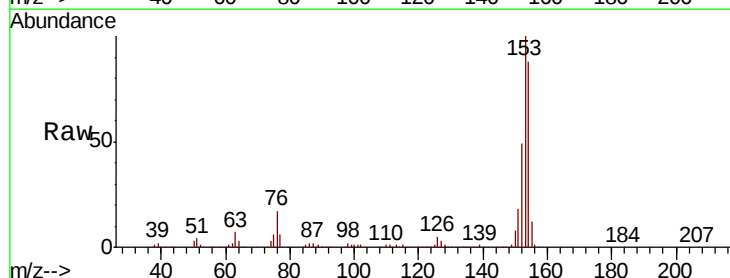
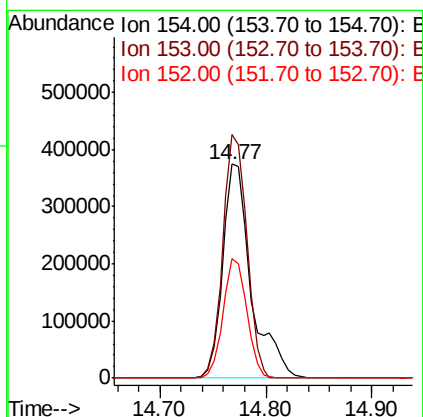
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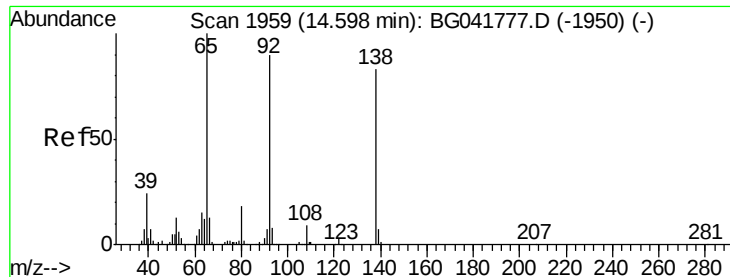
mohammad
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#52
 Acenaphthene
 Concen: 44.529 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	701686		
153	114.0		89.8	134.6
152	56.0		44.9	67.3





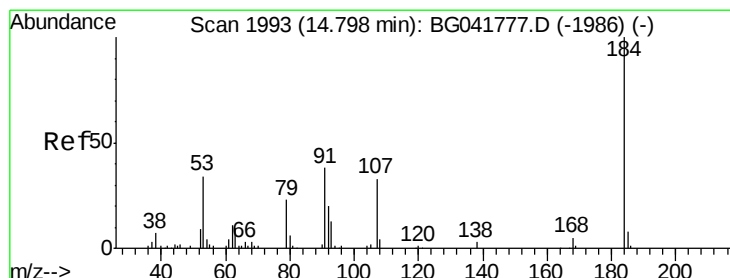
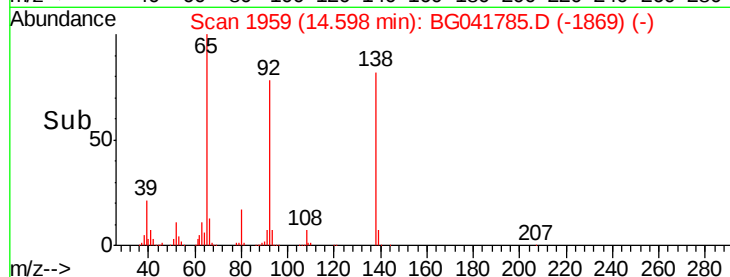
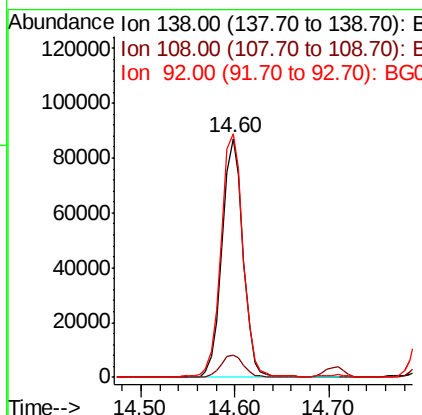
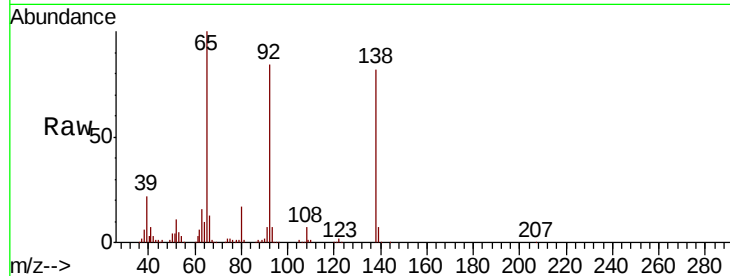
#53
3-Nitroaniline
Concen: 30.225 ng
RT: 14.60 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.0	10.3	15.5#
92	101.9	93.0	139.4

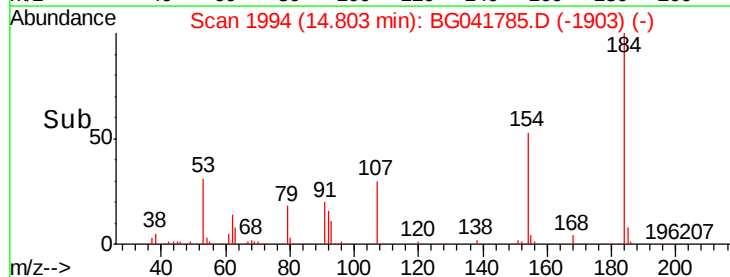
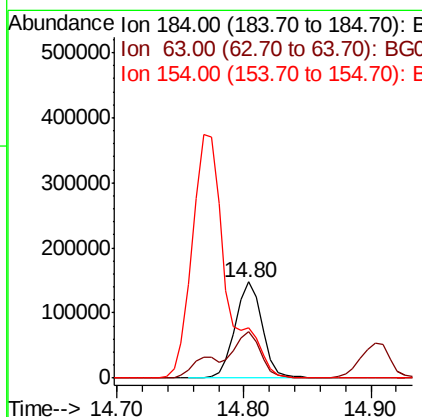
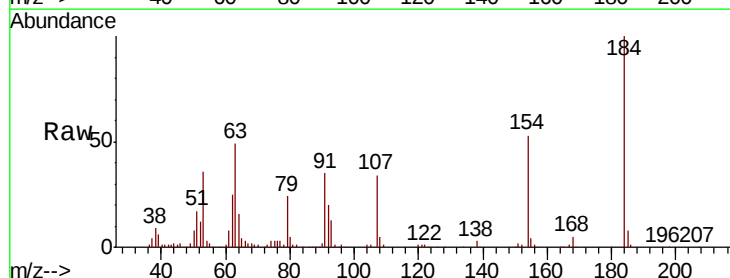
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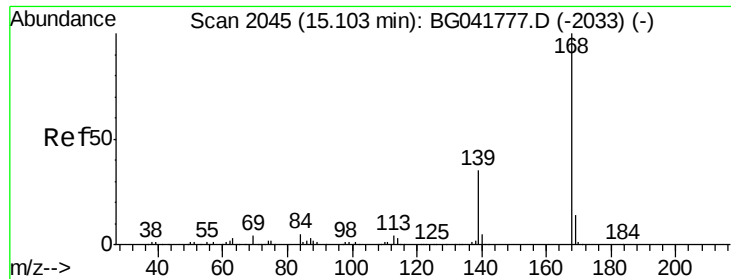
mohammad
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#54
2,4-Dinitrophenol
Concen: 83.566 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.0	43.2	64.8
154	53.0	51.4	77.2





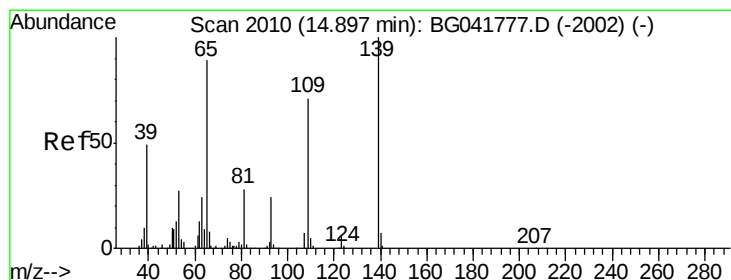
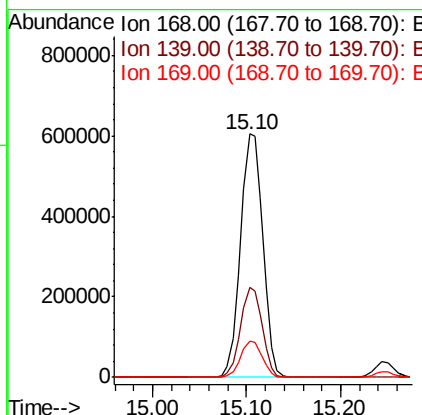
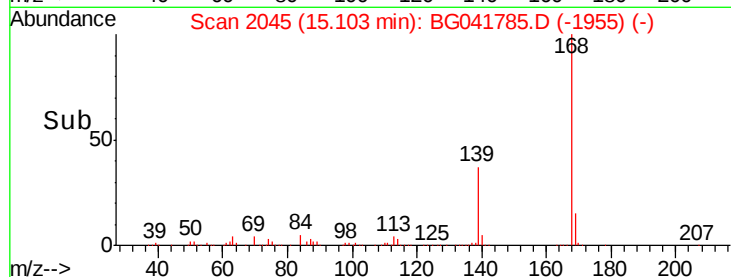
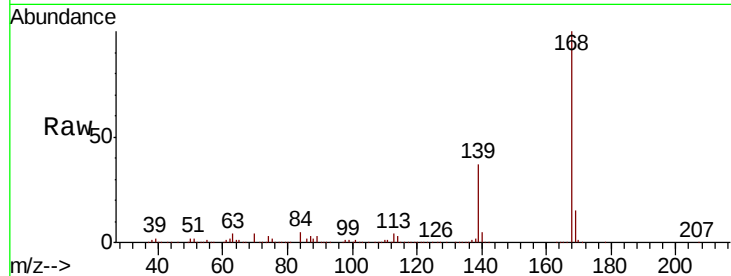
#55
Dibenzenofuran
Concen: 41.195 ng
RT: 15.10 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	31.9	47.9
169	15.0	12.5	18.7

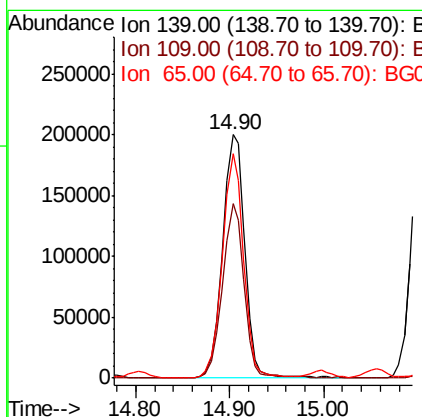
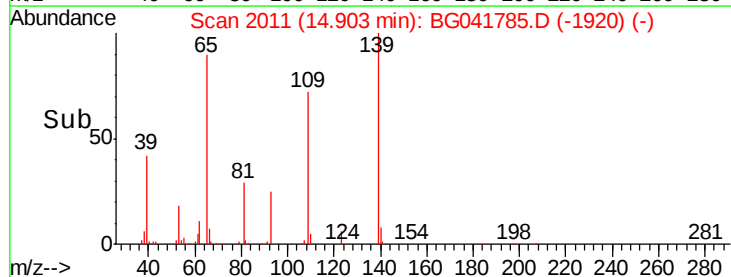
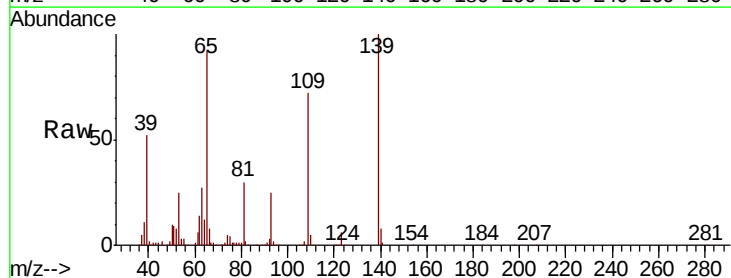
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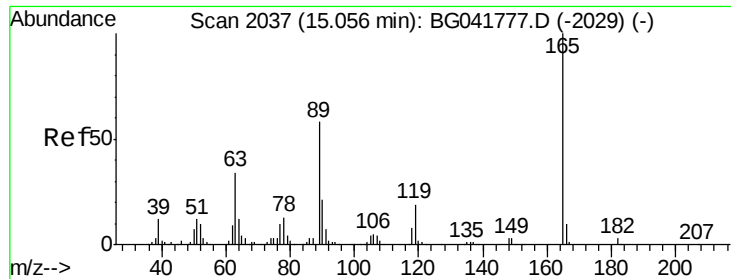
mohammad
7/30/2019 4:52:22 PM



#56
4-Nitrophenol
Concen: 96.286 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.7	51.3	91.3
65	91.9	77.6	117.6





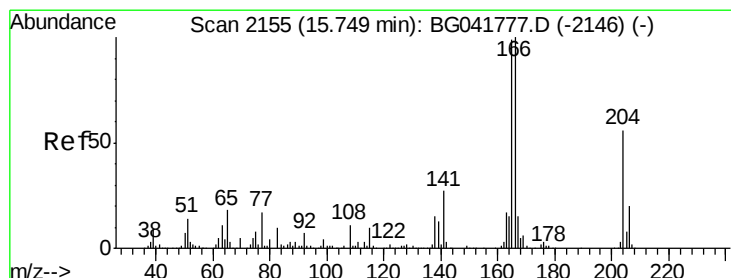
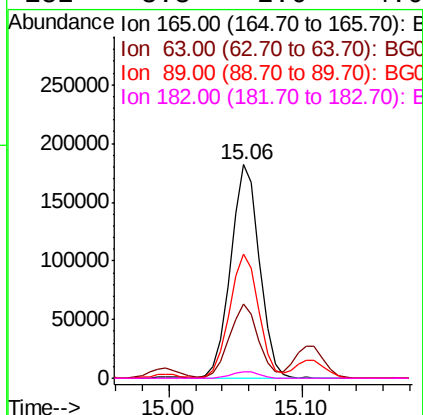
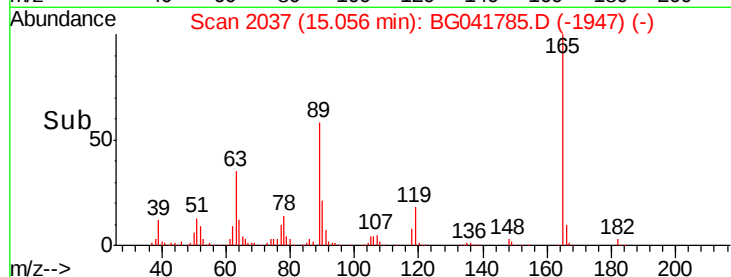
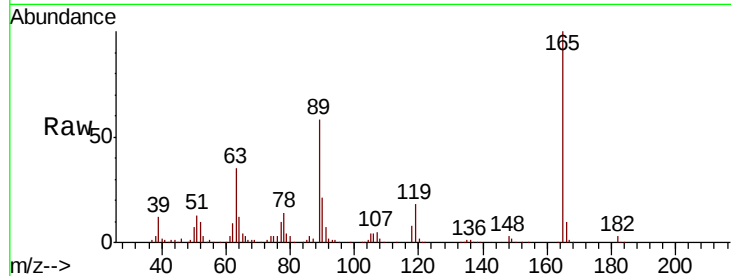
#57
 2,4-Dinitrotoluene
 Concen: 47.122 ng
 RT: 15.06 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB121703BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		273878		
63	34.8	31.7	47.5		
89	58.3	50.2	75.4		
182	3.3	2.6	4.0		

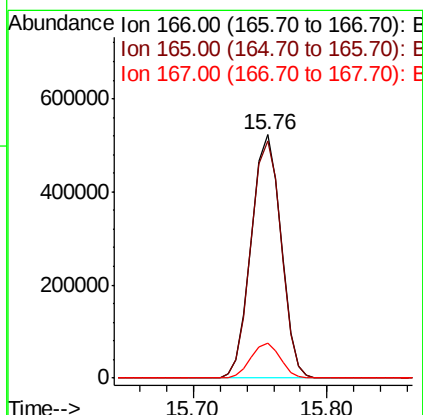
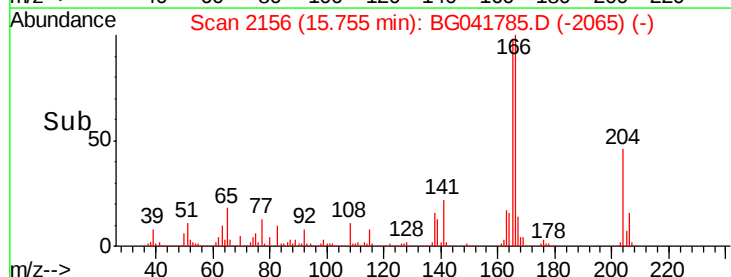
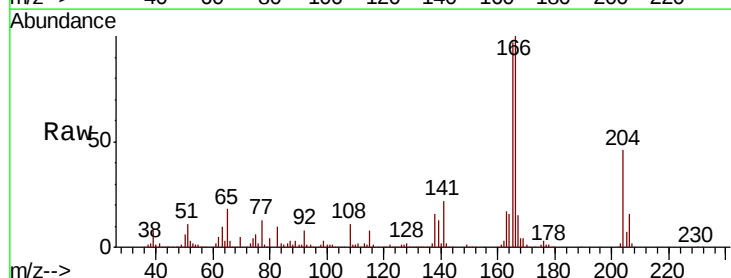
Manual Integrations
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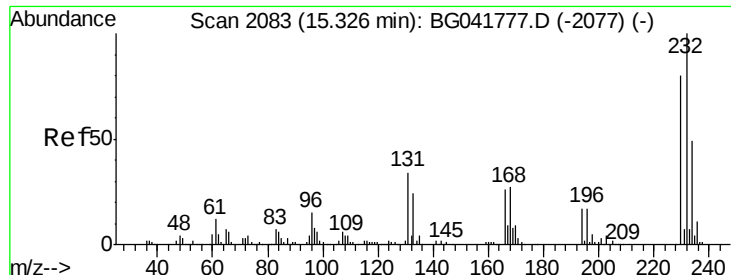
mohammad
 7/30/2019 4:52:22 PM



#58
 Fluorene
 Concen: 41.557 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. 0.01 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		803811		
165	97.4	80.5	120.7		
167	14.5	12.4	18.6		





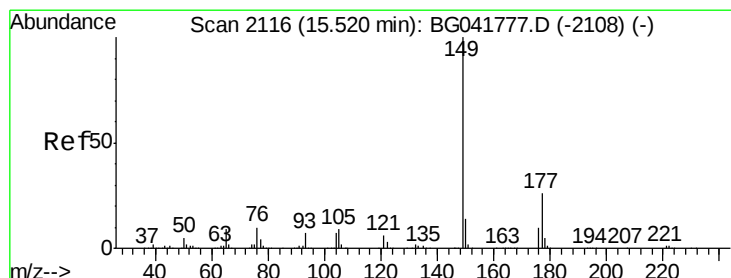
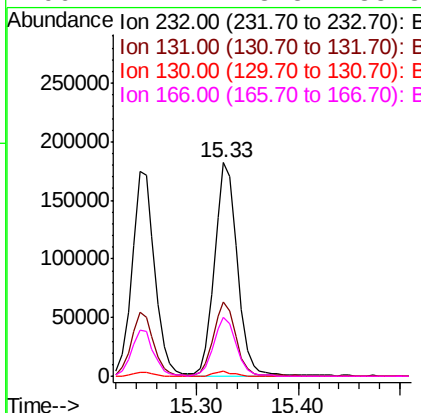
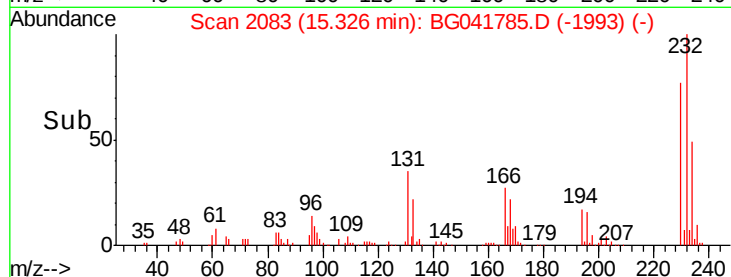
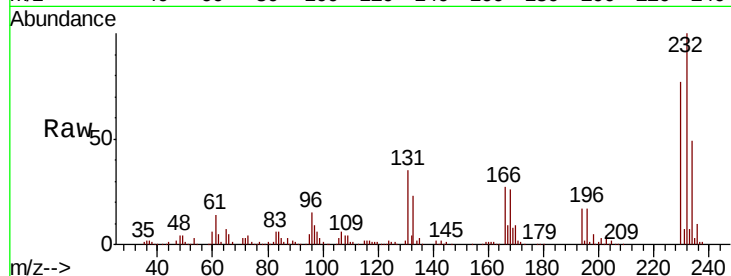
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.299 ng
 RT: 15.33 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB121703BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	34.5	31.8	47.6
130	2.0	1.8	2.8
166	27.4	23.5	35.3

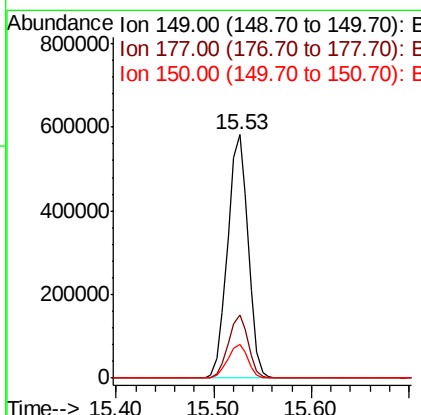
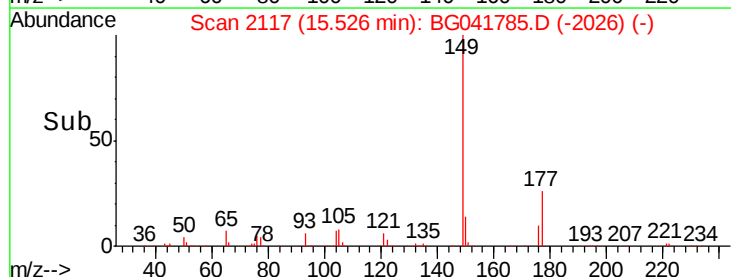
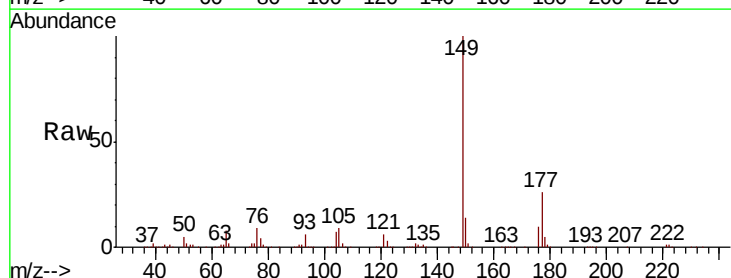
Manual Integrations
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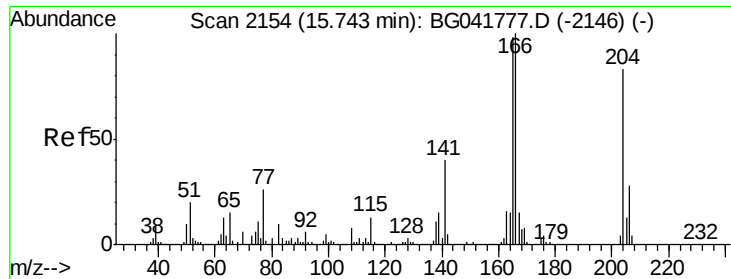
mohammad
 7/30/2019 4:52:22 PM



#60
 Diethylphthalate
 Concen: 42.464 ng
 RT: 15.53 min Scan# 2117
 Delta R.T. 0.01 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.8	20.7	31.1
150	13.9	11.5	17.3





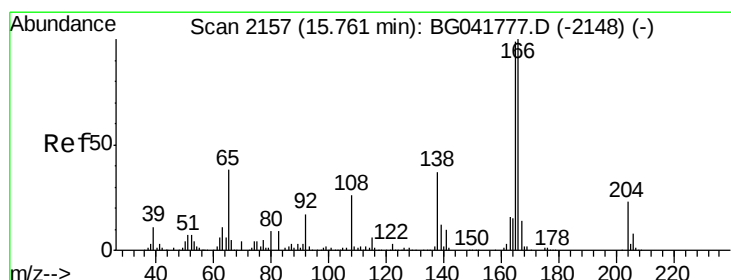
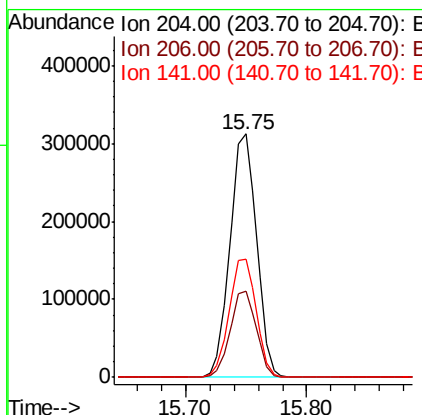
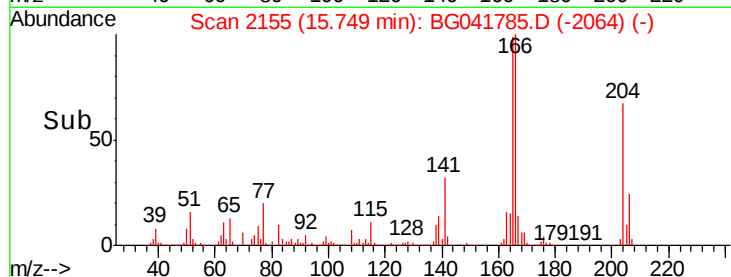
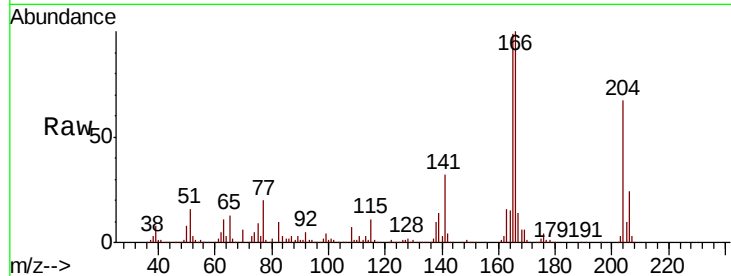
#61
4-Chlorophenyl-phenylether
Concen: 40.666 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.5	28.6	42.8
141	48.3	42.9	64.3

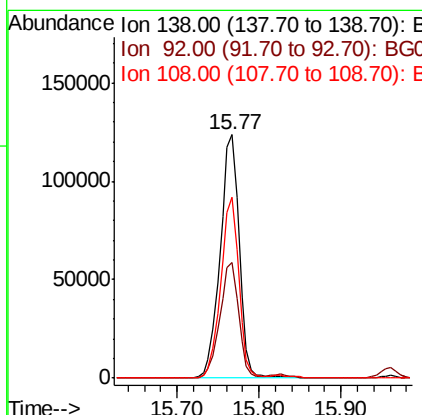
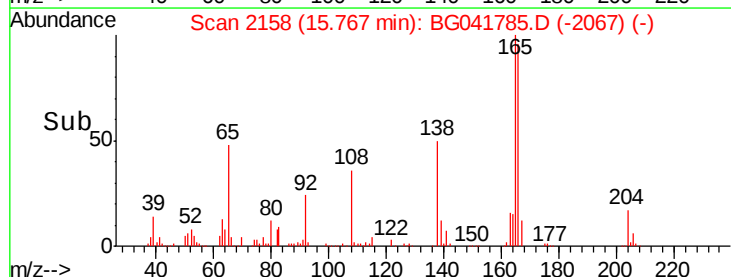
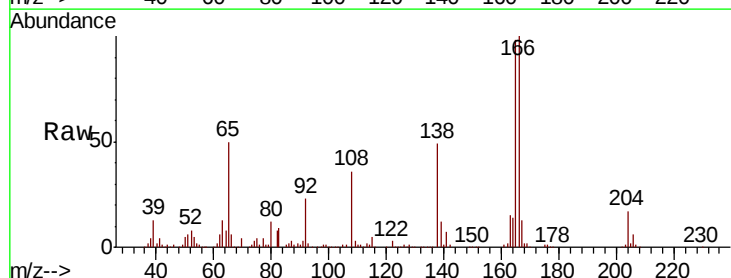
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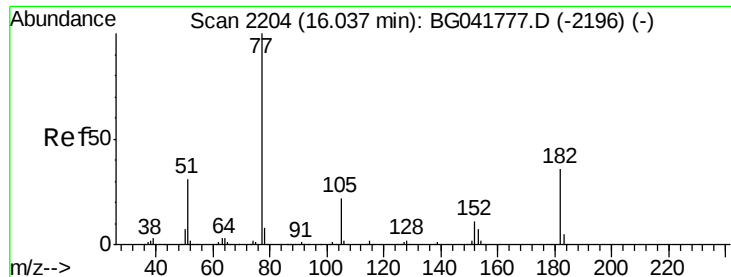
mohammad
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#62
4-Nitroaniline
Concen: 41.121 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.3	29.8	69.8
108	74.3	52.2	92.2





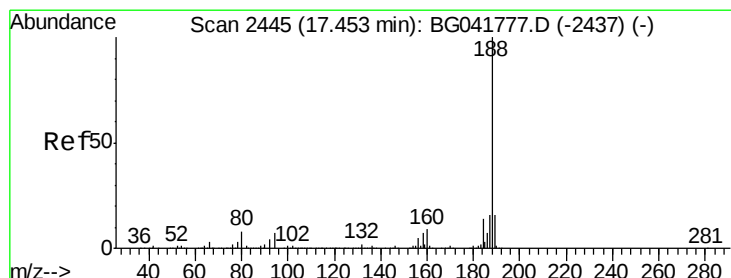
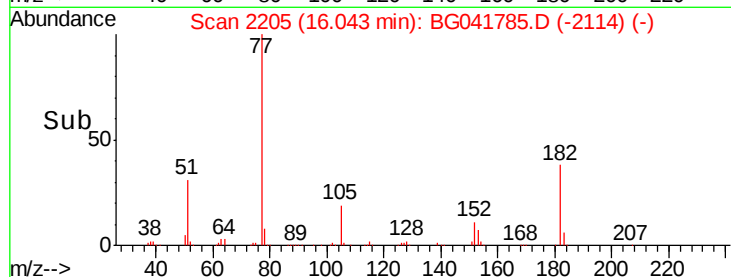
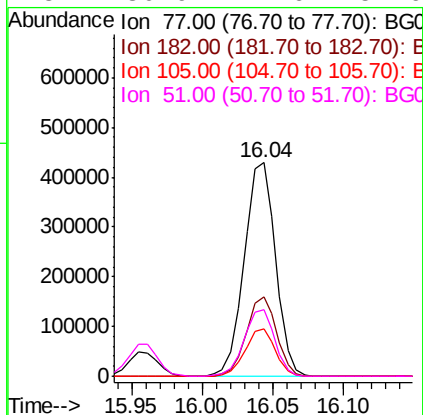
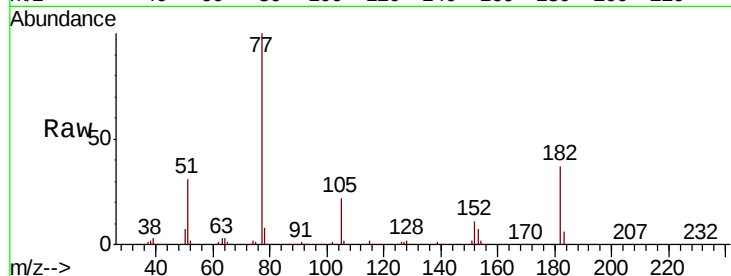
#63
Azobenzene
Concen: 41.145 ng
RT: 16.04 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	37.3	13.2	53.2
105	22.1	2.2	42.2
51	30.9	14.6	54.6

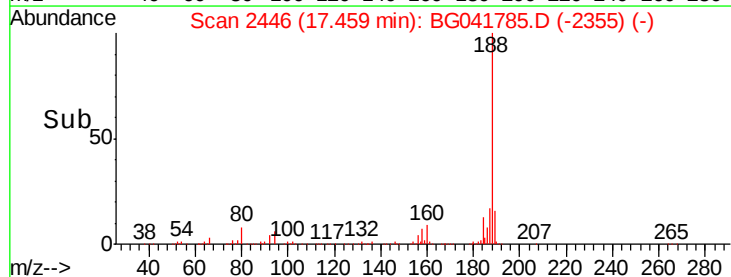
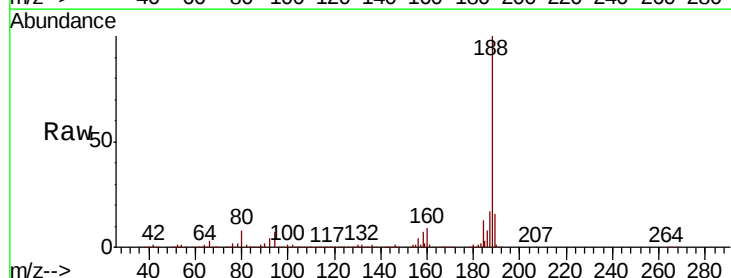
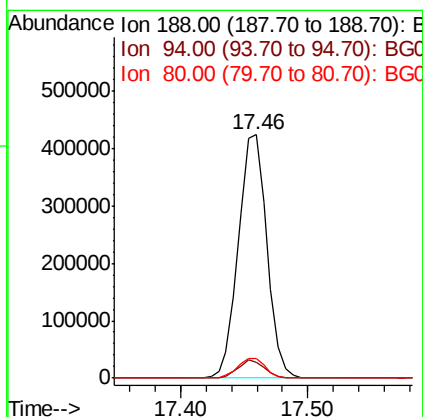
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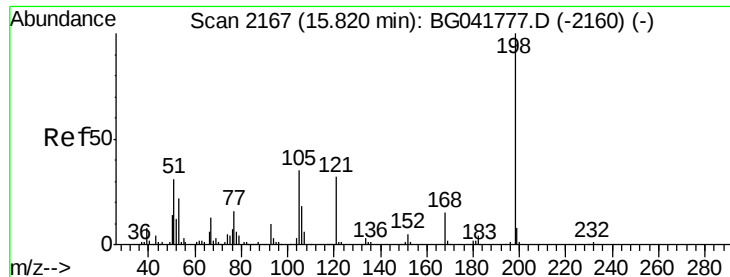
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2446
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	8.0	8.0	12.0#





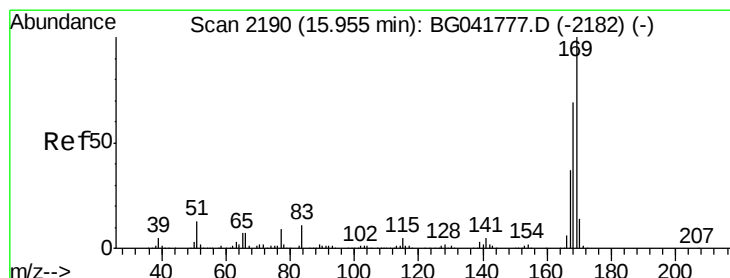
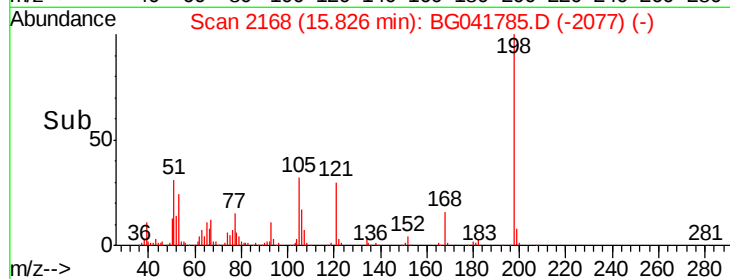
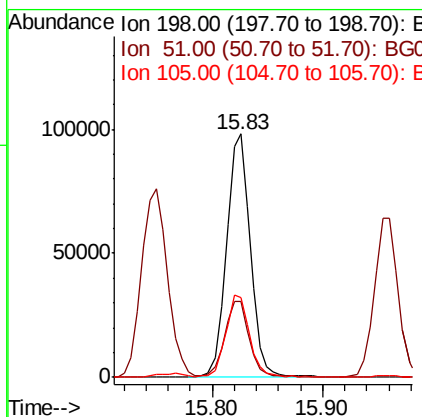
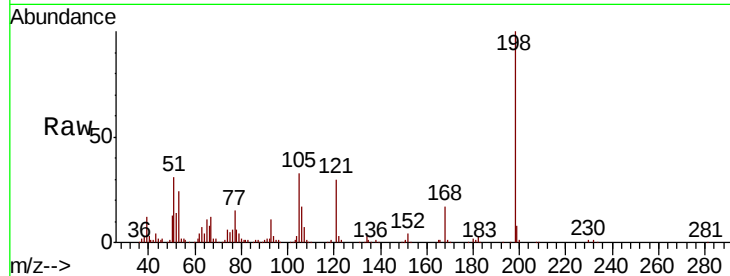
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.238 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.01 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB121703BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	148022		
51	31.1		22.3	62.3
105	32.6		18.0	58.0

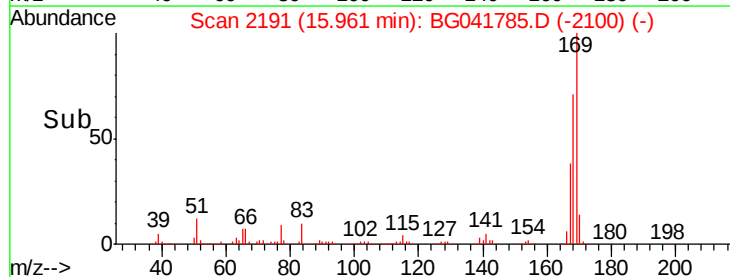
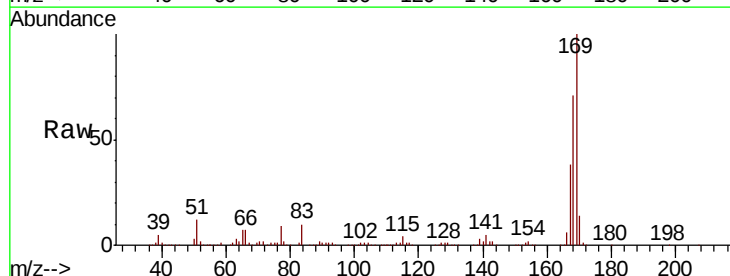
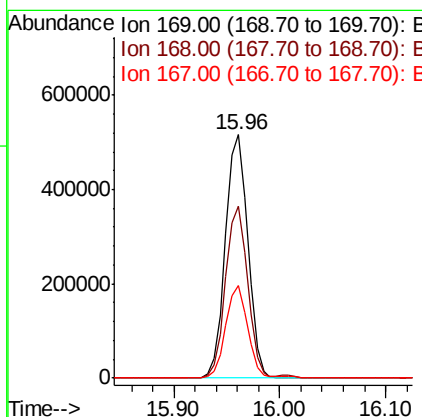
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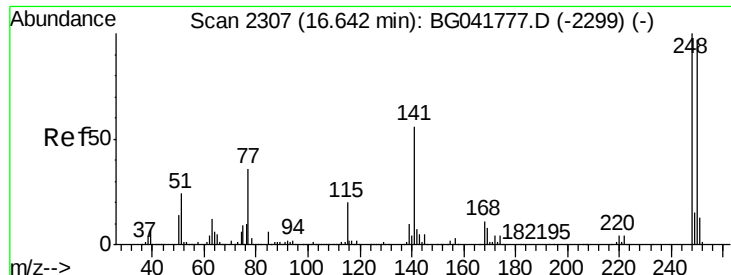
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#66
 n-Nitrosodiphenylamine
 Concen: 42.391 ng
 RT: 15.96 min Scan# 2191
 Delta R.T. 0.01 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	760095		
168	70.7		56.9	85.3
167	38.0		31.5	47.3





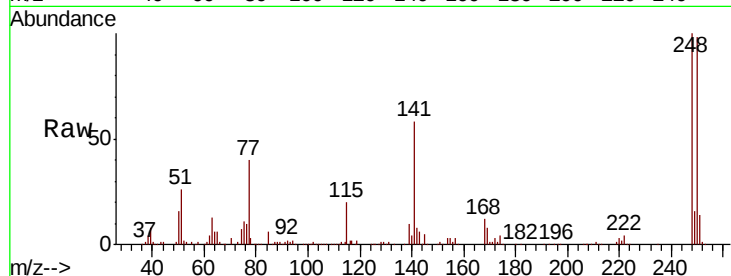
#67
 4-Bromophenyl-phenylether
 Concen: 40.426 ng
 RT: 16.64 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB121703BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.1	117.1
141	57.6	49.6	74.4

Manual Integrations
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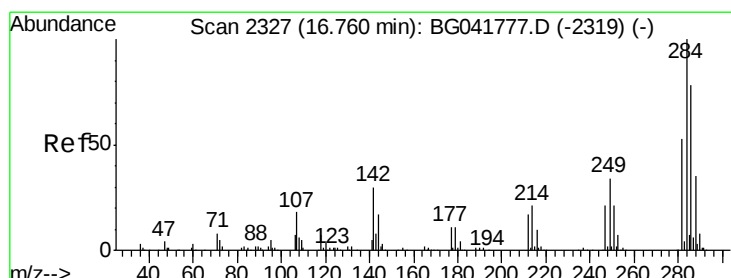
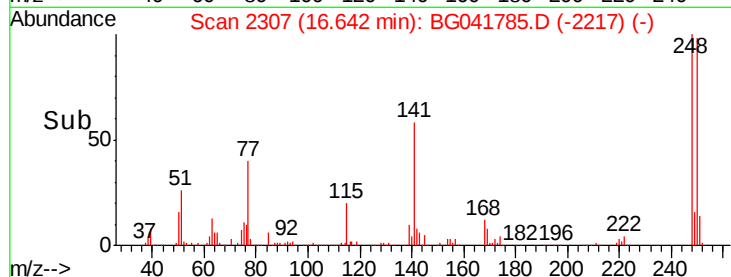
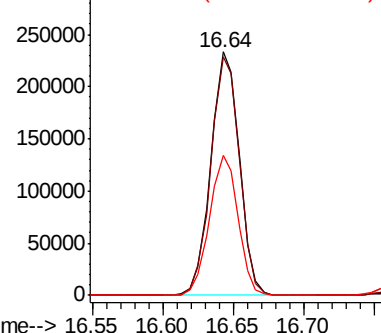


Abundance

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: 38.939 ng
 RT: 16.77 min Scan# 2328
 Delta R.T. 0.01 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

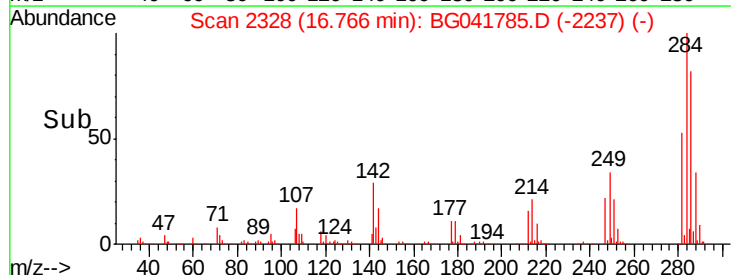
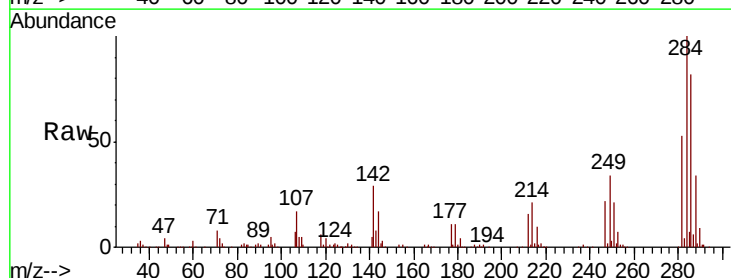
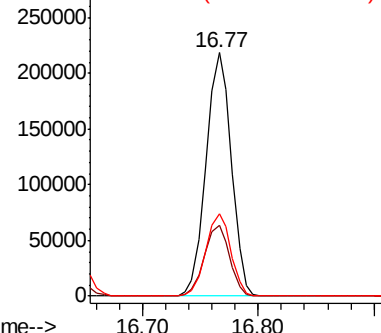
Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.1	27.0	40.6
249	33.6	28.4	42.6

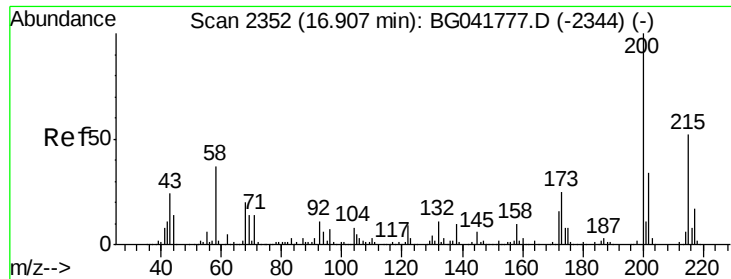
Abundance

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





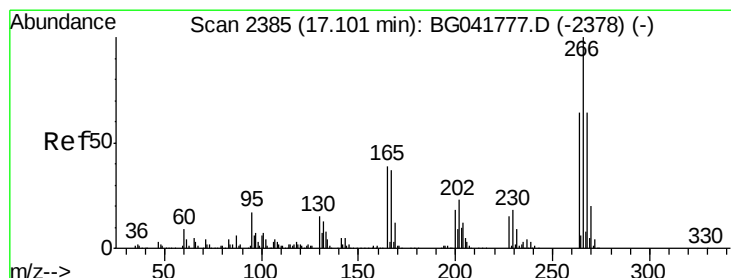
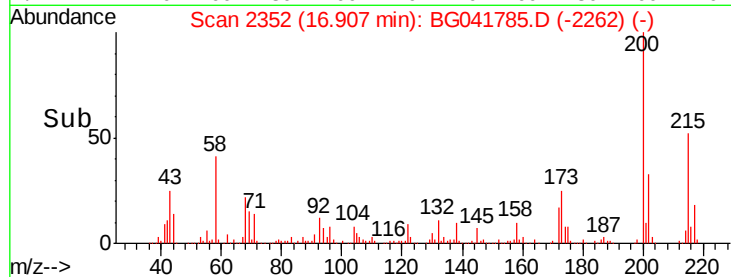
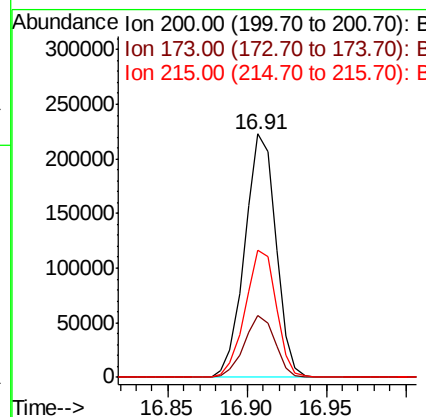
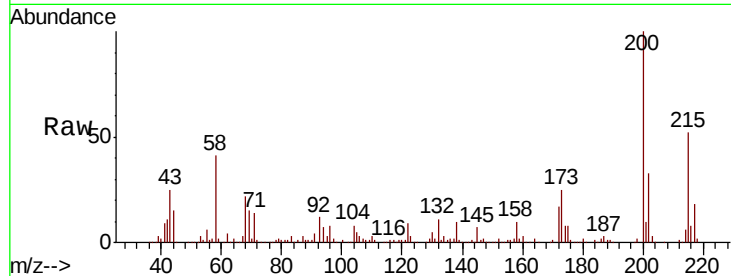
#69
 Atrazine
 Concen: 43.156 ng
 RT: 16.91 min Scan# 2352
 Delta R.T. 0.00 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB121703BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	304038		
173	25.4	5.3	45.3	
215	52.1	31.8	71.8	

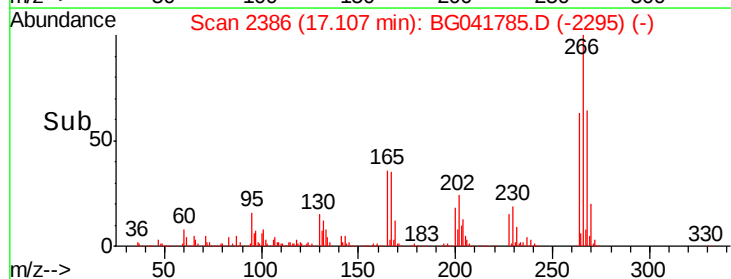
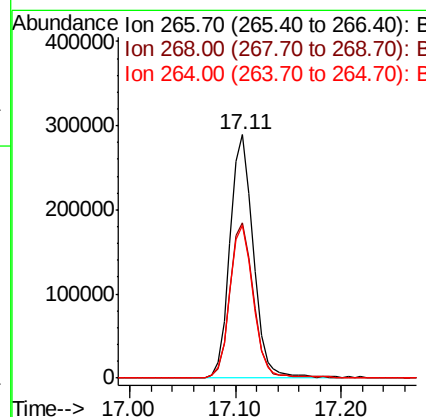
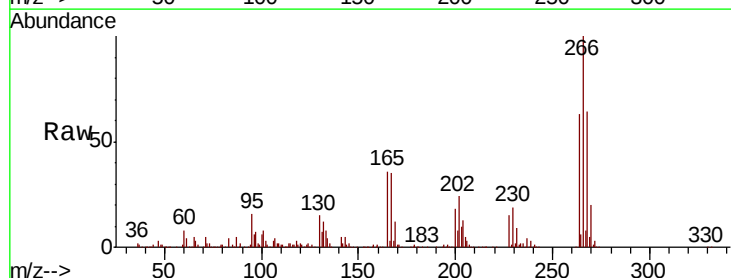
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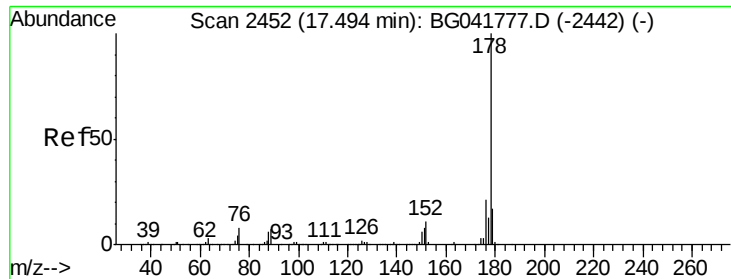
mohammad
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#70
 Pentachlorophenol
 Concen: 91.879 ng
 RT: 17.11 min Scan# 2386
 Delta R.T. 0.01 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	442762		
268	63.7	52.9	79.3	
264	62.7	51.4	77.2	





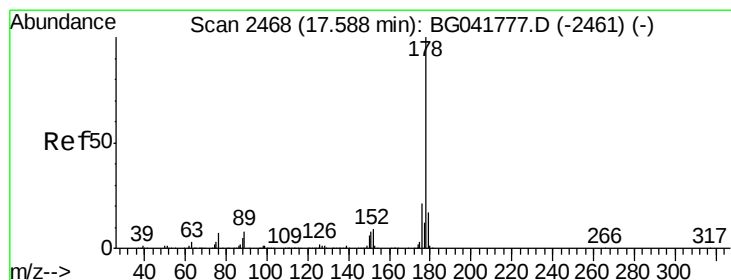
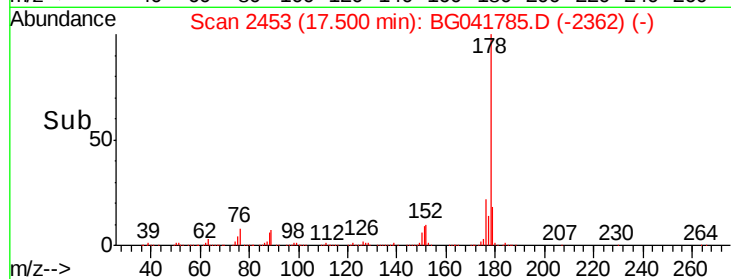
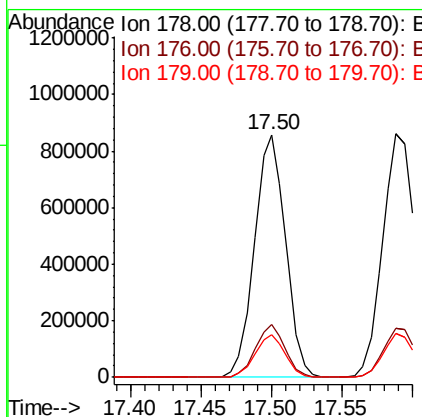
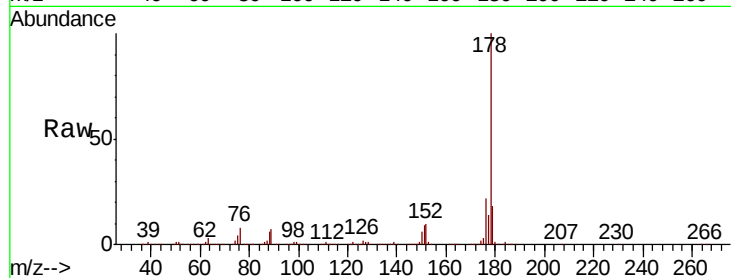
#71
Phenanthrene
Concen: 41.976 ng
RT: 17.50 min Scan# 2453
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tot Ion:178 Resp: 1324448
Ion Ratio Lower Upper
178 100
176 21.8 18.6 28.0
179 17.6 15.4 23.0

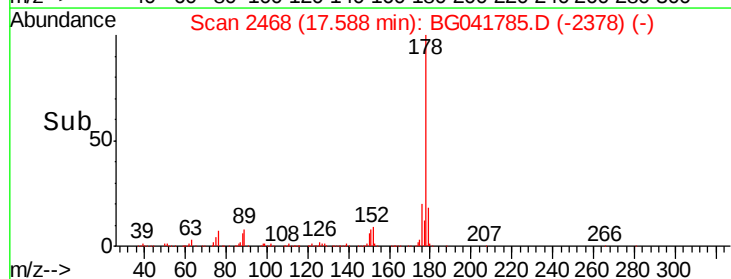
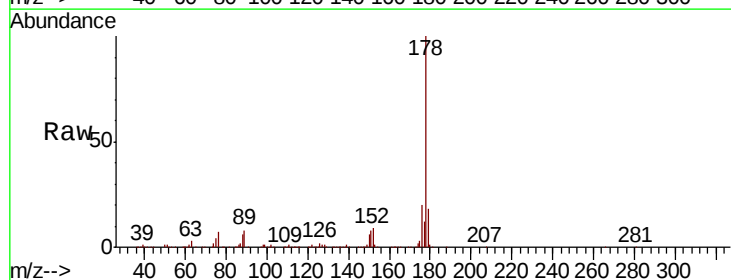
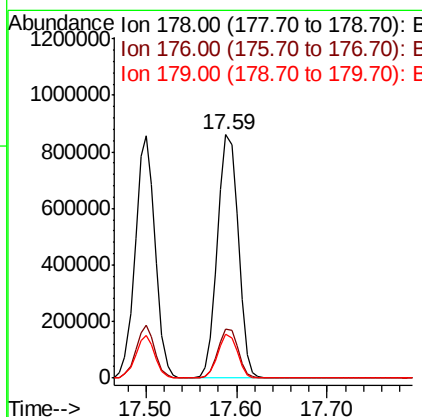
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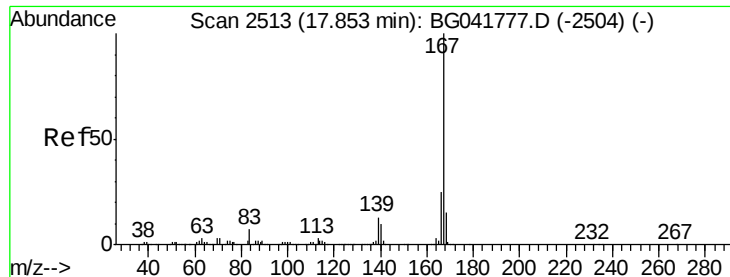
mohammad
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#72
Anthracene
Concen: 43.590 ng
RT: 17.59 min Scan# 2468
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion:178 Resp: 1371703
Ion Ratio Lower Upper
178 100
176 20.3 18.6 28.0
179 17.8 15.1 22.7





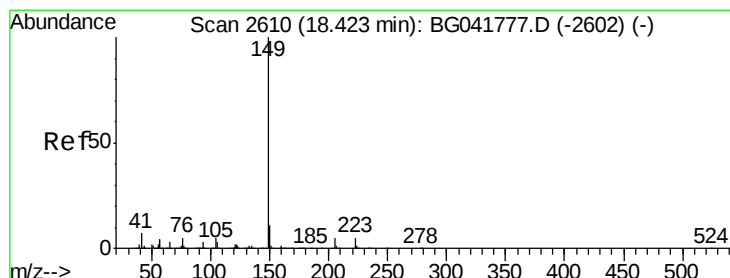
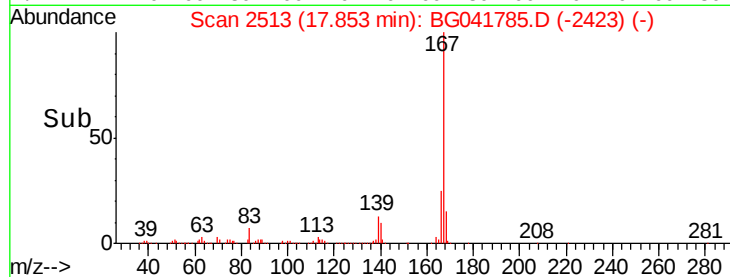
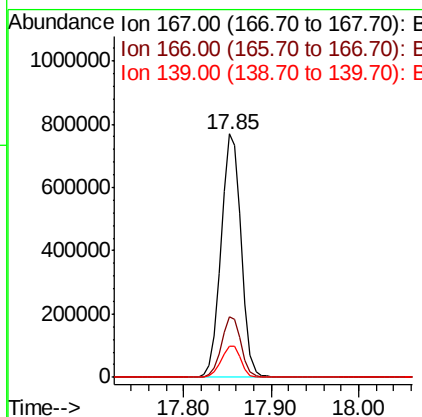
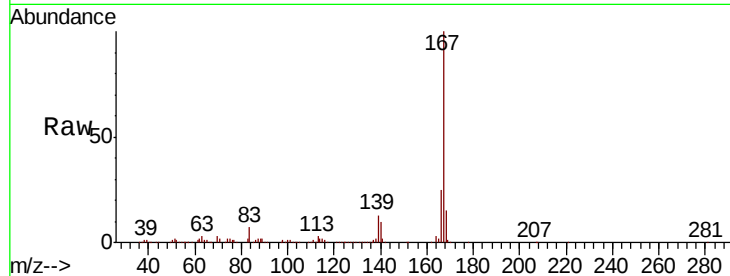
#73
 Carbazole
 Concen: 43.225 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB121703BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.8	21.4	32.2
139	13.0	12.1	18.1

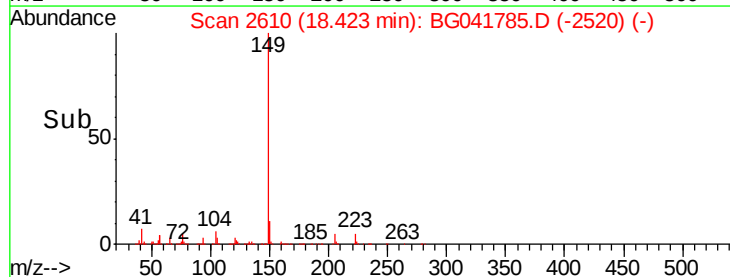
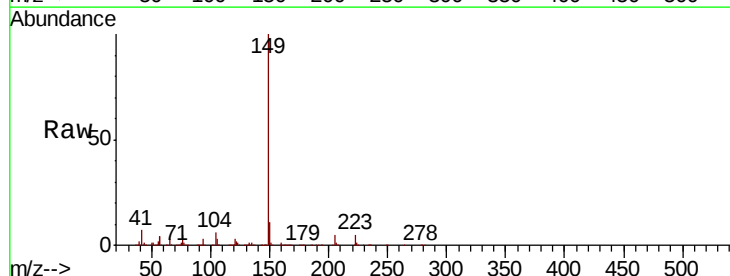
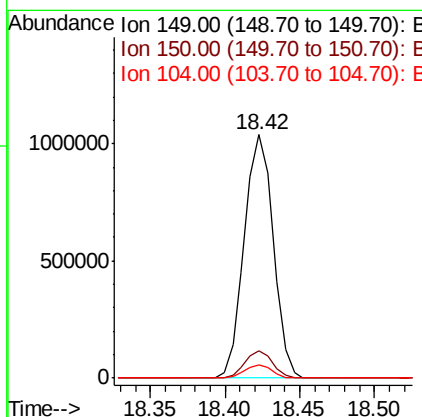
Manual Integrations
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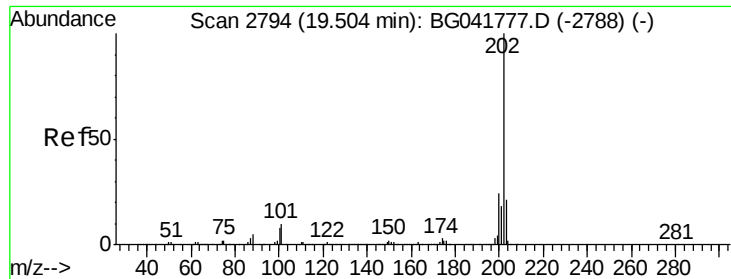
mohammad
 7/30/2019 4:52:22 PM



#74
 Di-n-butylphthalate
 Concen: 43.538 ng
 RT: 18.42 min Scan# 2610
 Delta R.T. 0.00 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.4	10.2	15.2
104	5.6	5.3	7.9





#75

Fluoranthene

Concen: 43.065 ng

RT: 19.51 min Scan# 2795

Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Instrument :

BNA_G

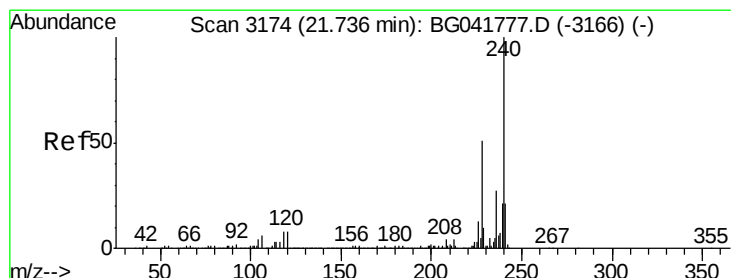
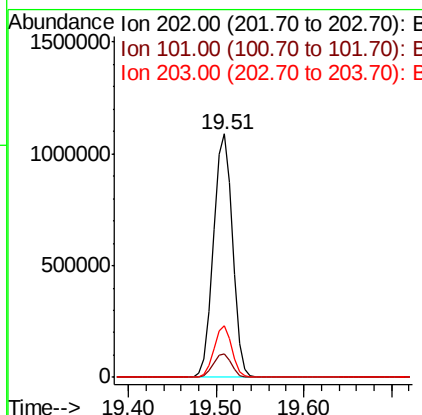
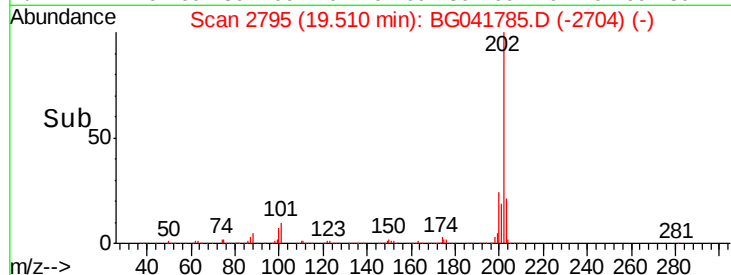
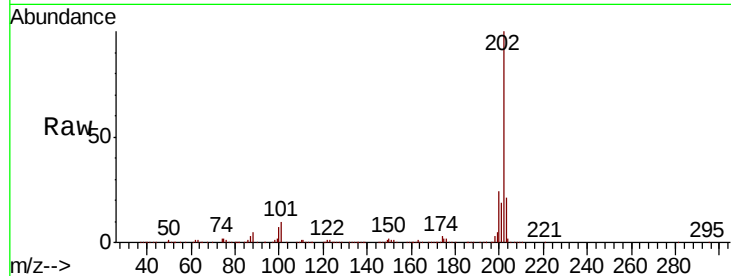
ClientSampleId :

PB121703BS

Tot Ion:	202	Resp:	1651652
Ion Ratio		Lower	Upper
202	100		
101	9.6	0.0	32.8
203	21.2	3.7	43.7

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#76

Chrysene-d12

Concen: 20.000 ng

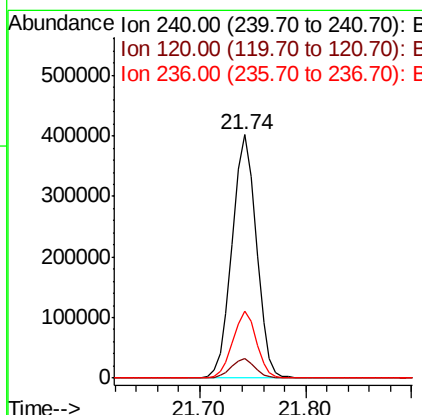
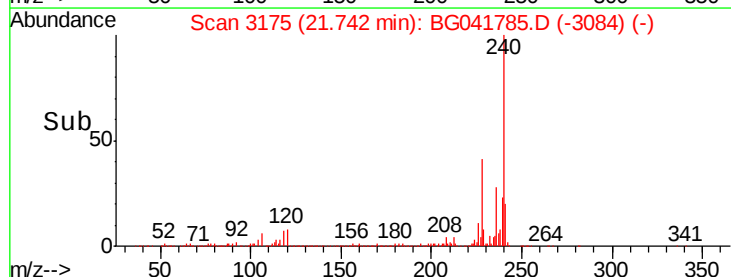
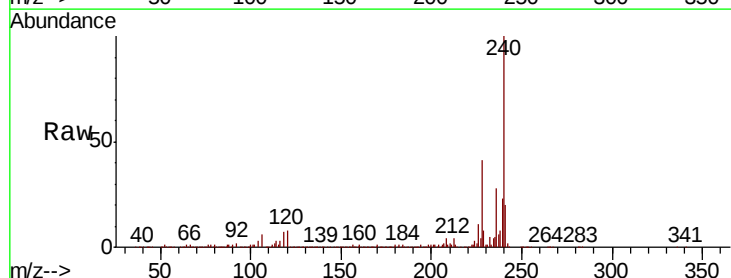
RT: 21.74 min Scan# 3175

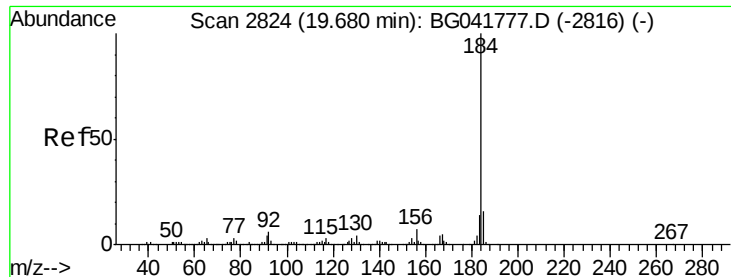
Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Tgt Ion:	240	Resp:	637210
Ion Ratio		Lower	Upper
240	100		
120	7.9	8.0	12.0#
236	27.6	22.6	33.8





#77

Benzidine

Concen: 34.058 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Instrument :

BNA_G

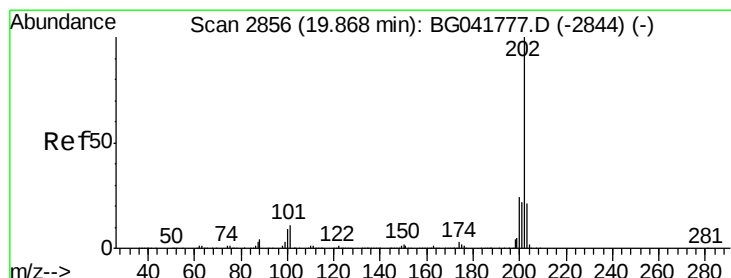
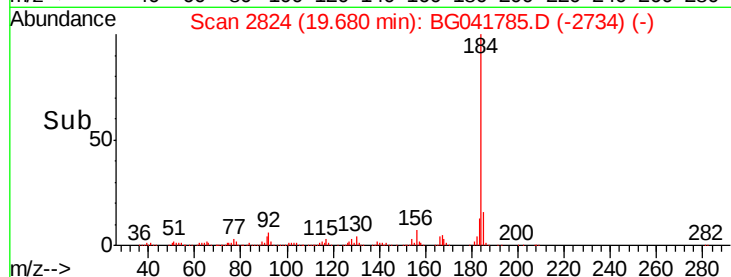
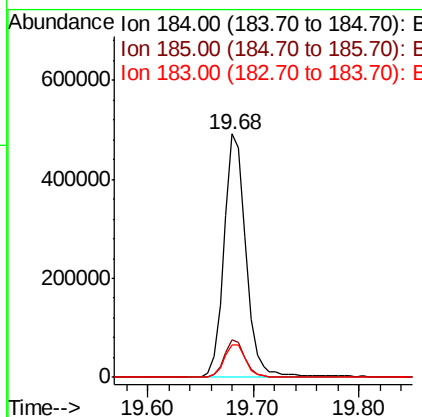
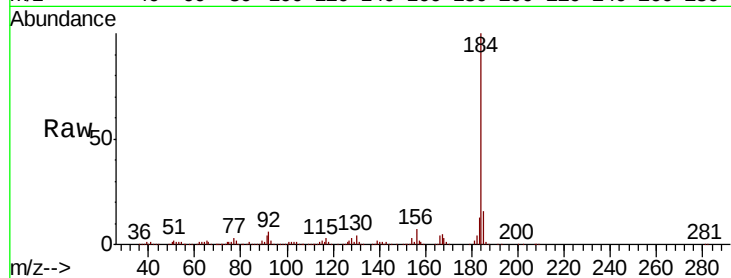
ClientSampleId :

PB121703BS

Tot Ion:	184	Resp:	708354
Ion Ratio	Lower	Upper	
184	100		
185	15.6	13.0	19.4
183	13.3	11.8	17.6

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#78

Pyrene

Concen: 43.370 ng

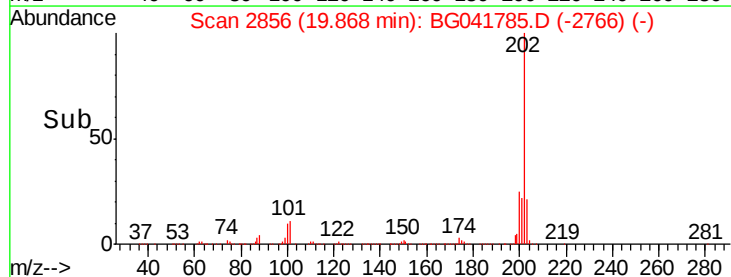
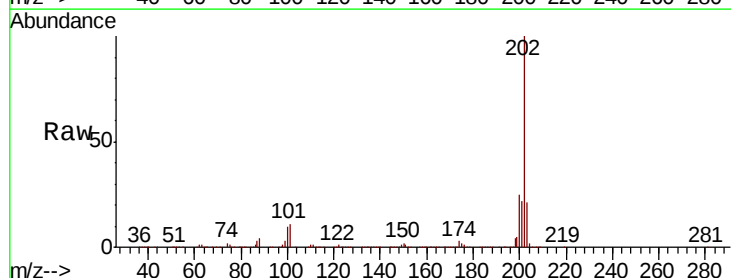
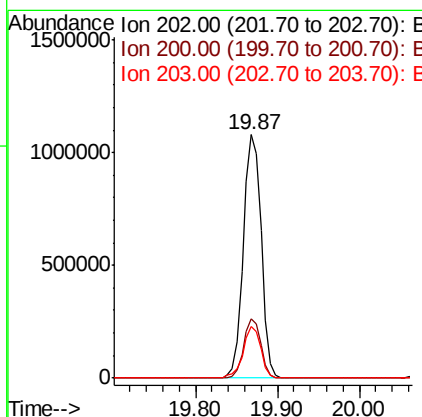
RT: 19.87 min Scan# 2856

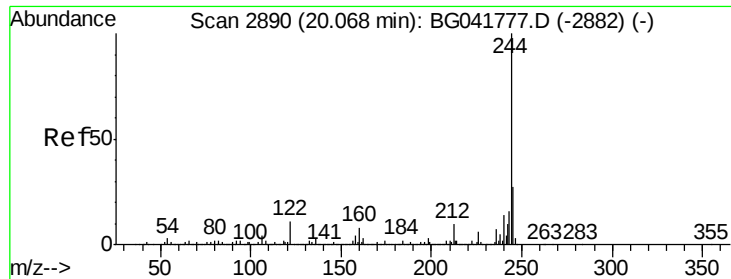
Delta R.T. 0.00 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Tgt Ion:	202	Resp:	1637379
Ion Ratio	Lower	Upper	
202	100		
200	24.6	22.2	33.2
203	21.4	18.9	28.3





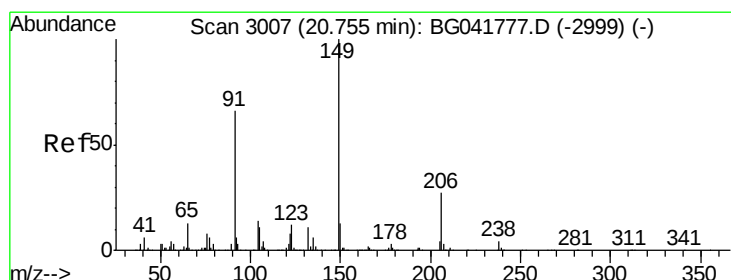
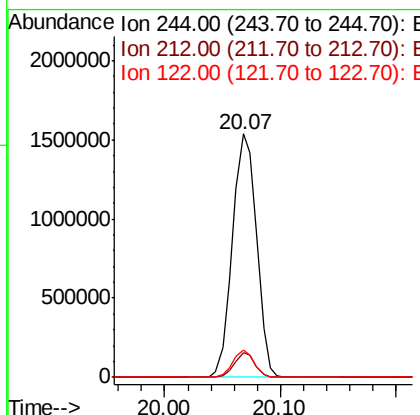
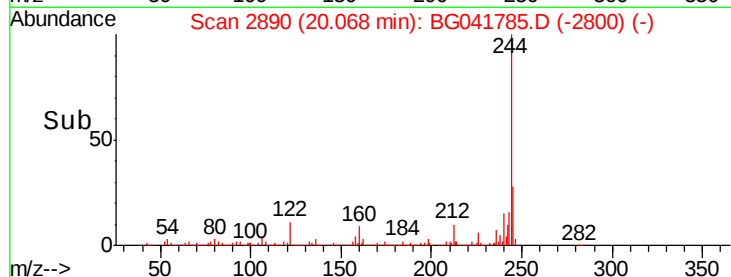
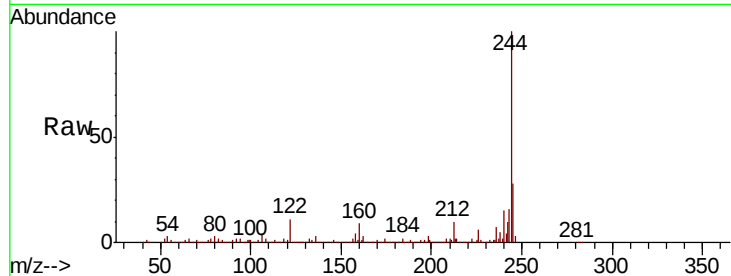
#79
 Terphenyl-d14
 Concen: 79.909 ng
 RT: 20.07 min Scan# 2890
 Delta R.T. 0.00 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB121703BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.0	9.7	14.5
122	11.4	12.5	18.7

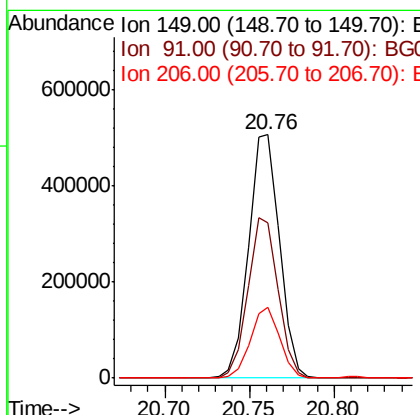
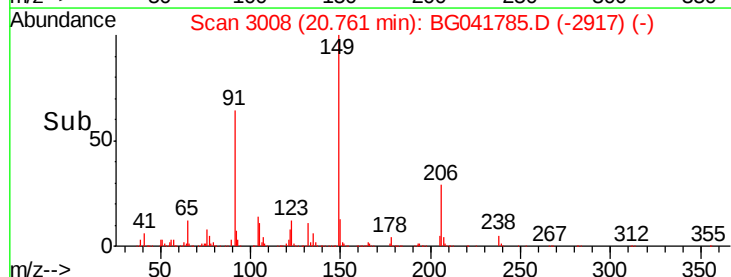
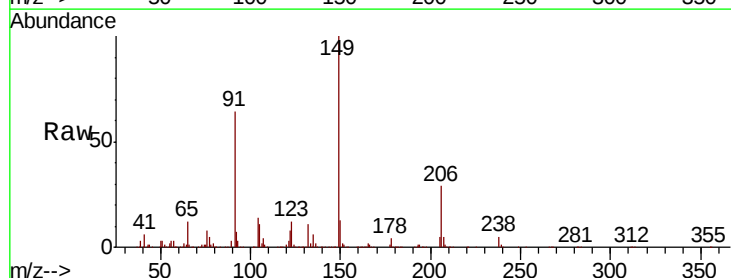
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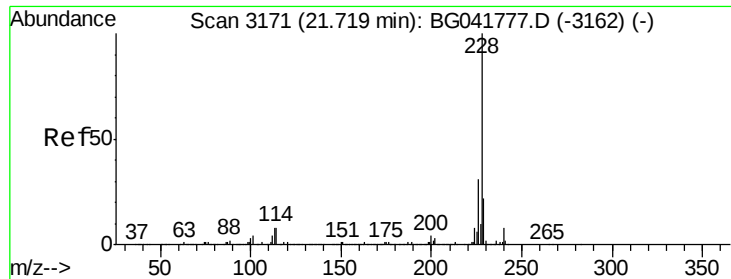
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#80
 Butylbenzylphthalate
 Concen: 44.734 ng
 RT: 20.76 min Scan# 3008
 Delta R.T. 0.01 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.0	58.9	88.3
206	29.1	20.8	31.2





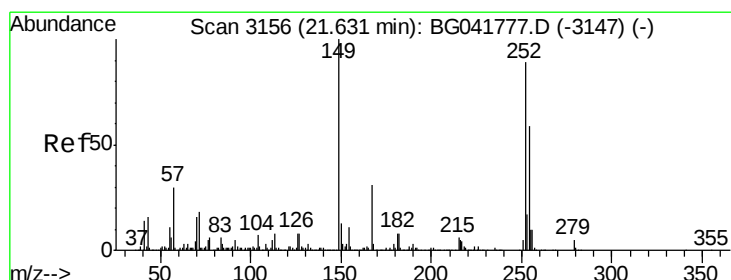
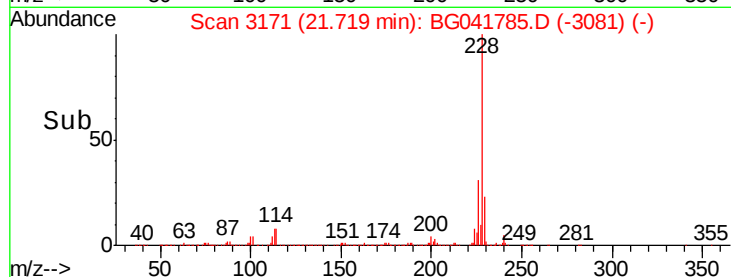
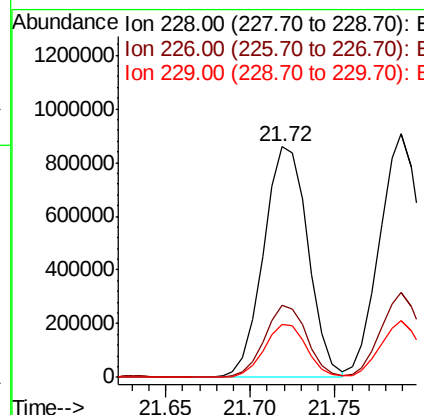
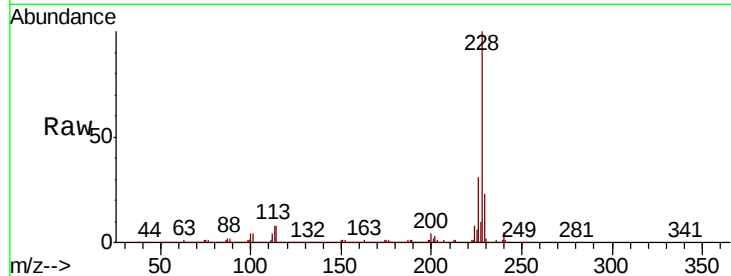
#81
Benzo(a)anthracene
Concen: 41.684 ng
RT: 21.72 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tot Ion:228 Resp: 1571503
Ion Ratio Lower Upper
228 100
226 31.0 27.3 40.9
229 23.1 19.7 29.5

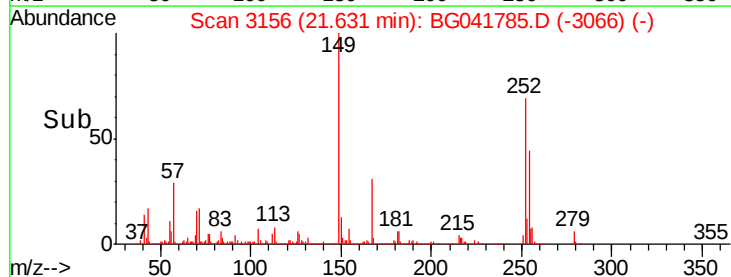
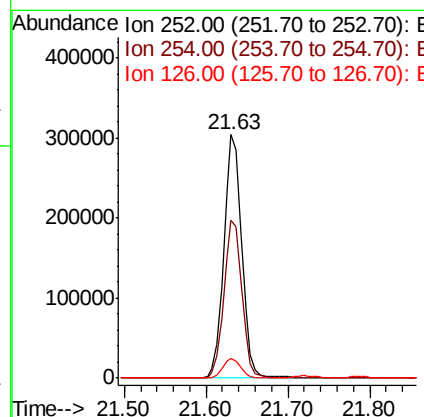
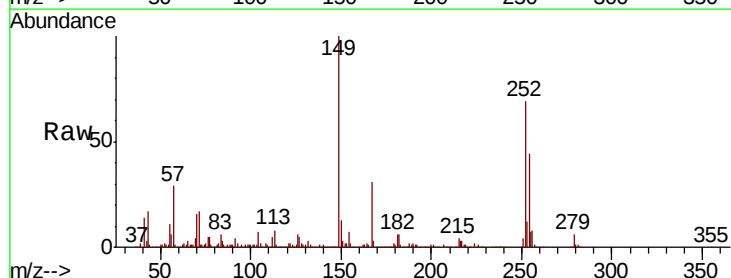
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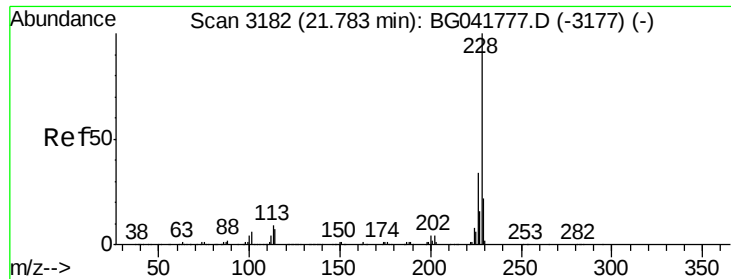
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#82
3,3'-Dichlorobenzidine
Concen: 30.665 ng
RT: 21.63 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion:252 Resp: 464156
Ion Ratio Lower Upper
252 100
254 64.6 53.8 80.6
126 8.3 7.8 11.8





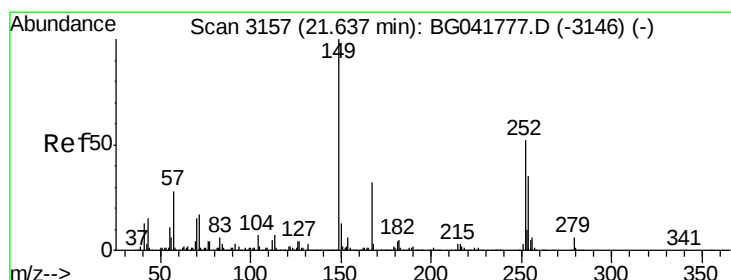
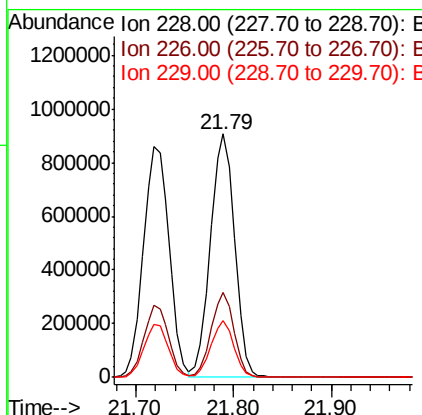
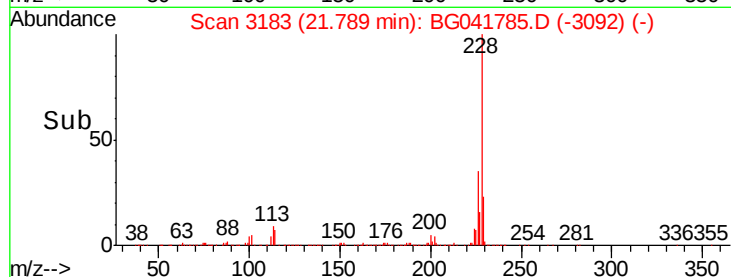
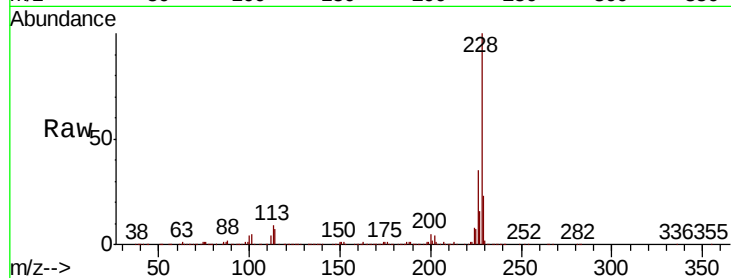
#83
 Chrvsene
 Concen: 43.068 ng
 RT: 21.79 min Scan# 3183
 Delta R.T. 0.01 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB121703BS

Tot Ion:228 Resp: 1556402
 Ion Ratio Lower Upper
 228 100
 226 35.1 30.1 45.1
 229 23.1 19.8 29.6

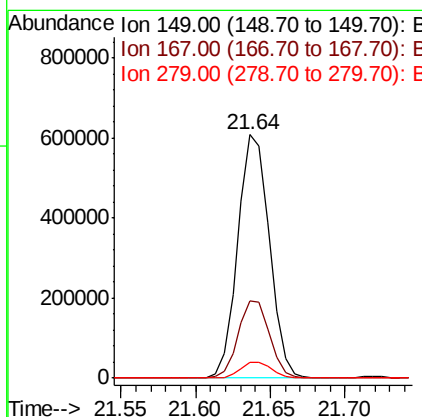
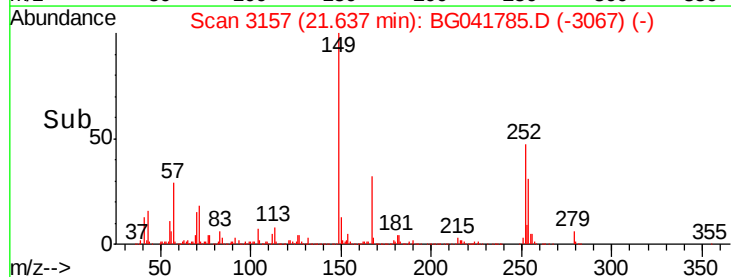
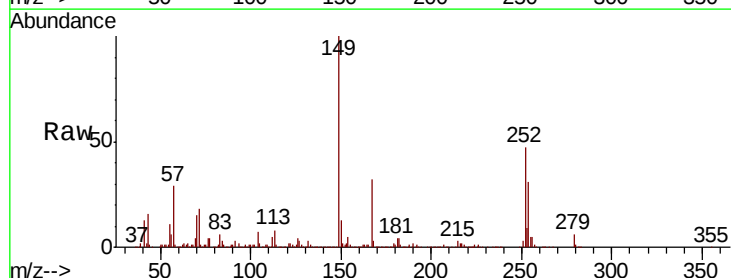
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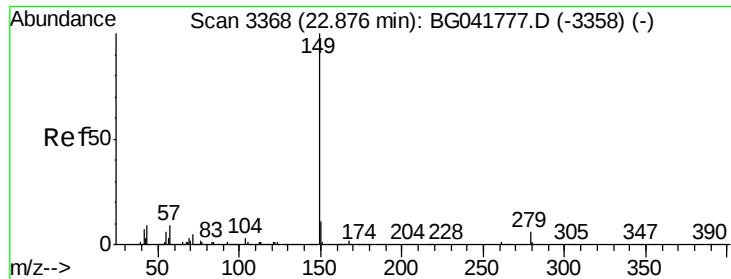
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.734 ng
 RT: 21.64 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Tgt Ion:149 Resp: 893192
 Ion Ratio Lower Upper
 149 100
 167 31.6 27.0 40.4
 279 6.2 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 45.495 ng

RT: 22.88 min Scan# 3368

Delta R.T. 0.00 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Instrument :

BNA_G

ClientSampleId :

PB121703BS

Tot Ion:149 Resp: 1528755

Ion Ratio Lower Upper

149 100

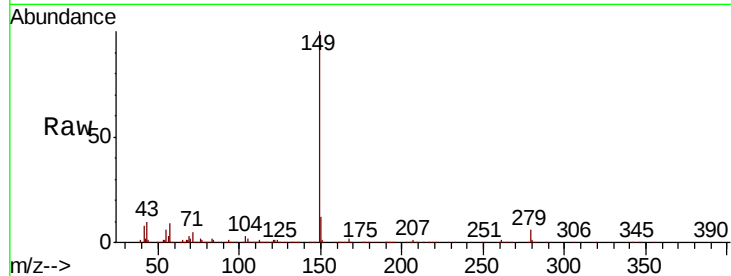
167 1.9 1.6 2.4

43 9.4 10.6 16.0#

Manual Integrations
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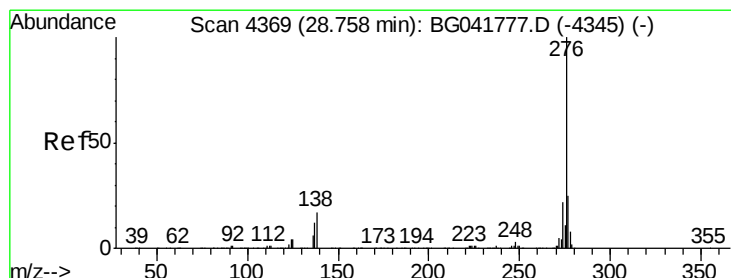
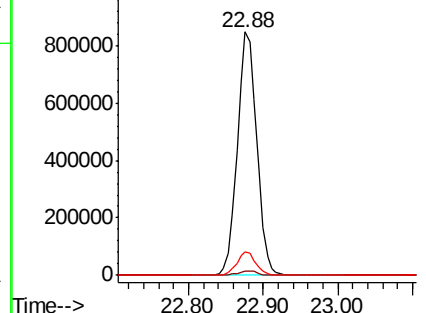
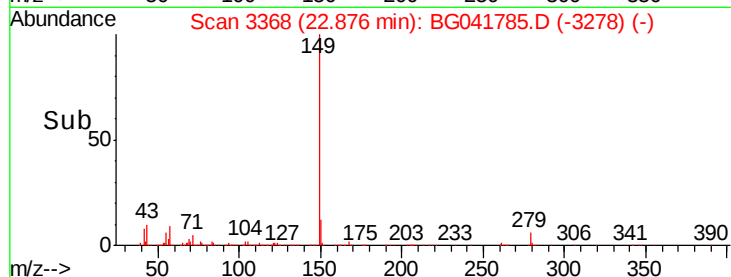
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.827 ng

RT: 28.76 min Scan# 4370

Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

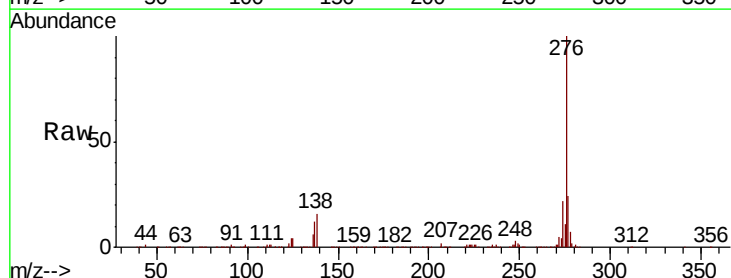
Tgt Ion:276 Resp: 2048795

Ion Ratio Lower Upper

276 100

138 13.4 19.4 29.0#

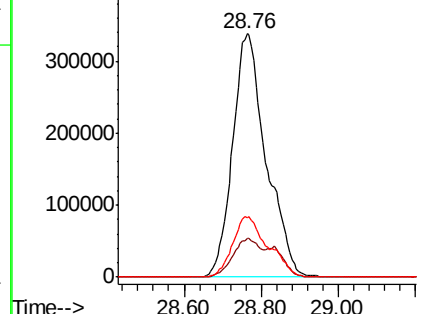
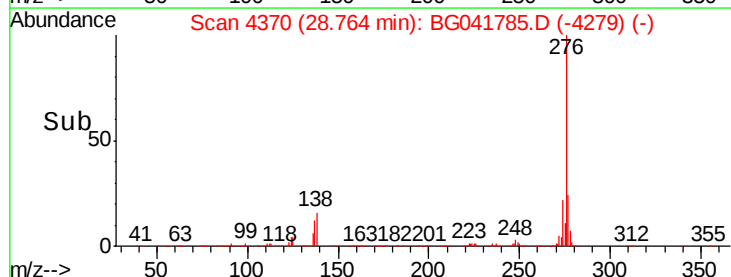
277 26.3 21.2 31.8

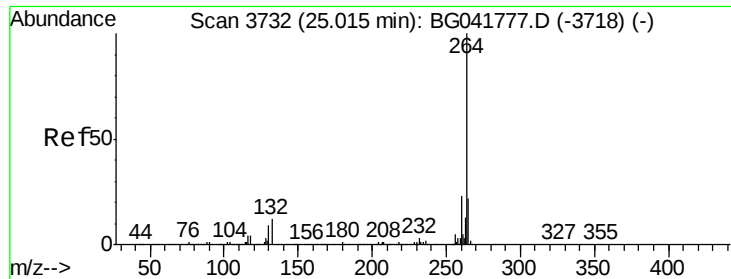


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





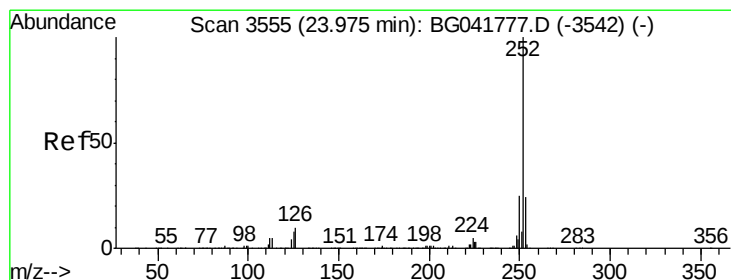
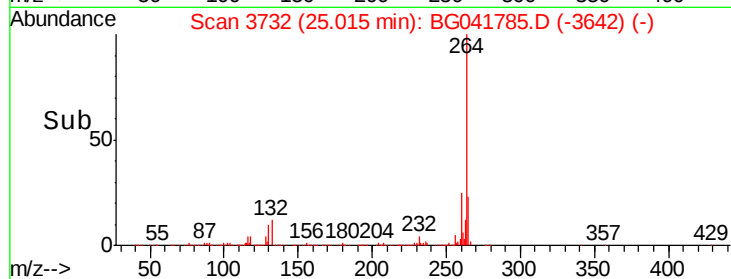
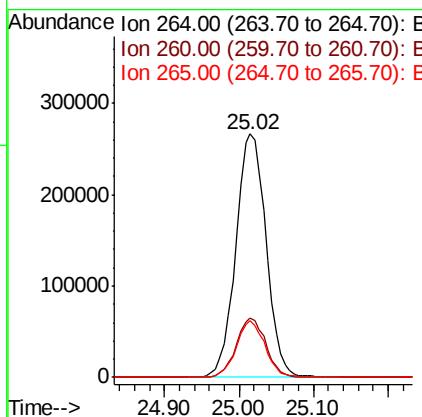
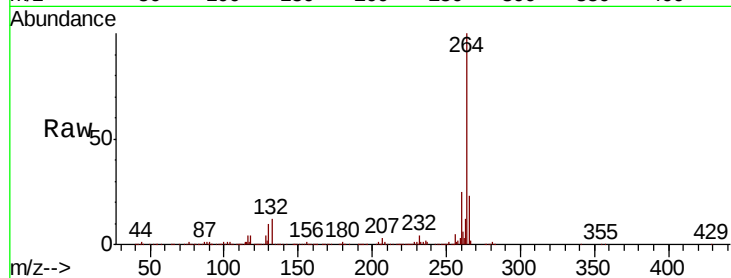
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	23.5	18.0	27.0

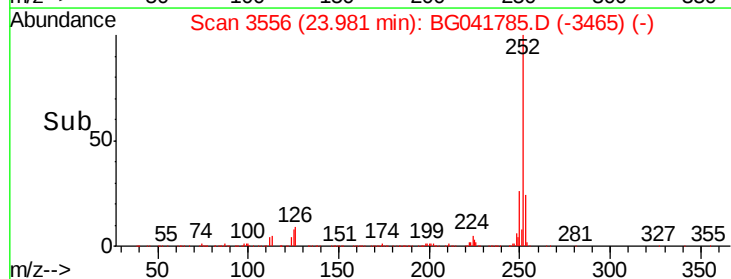
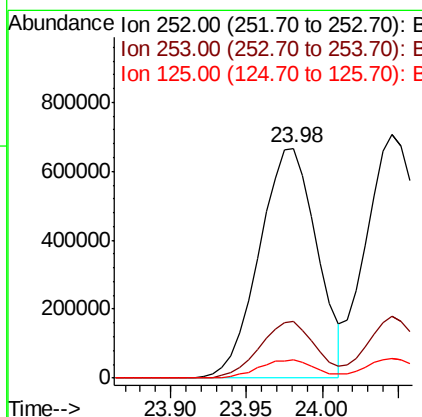
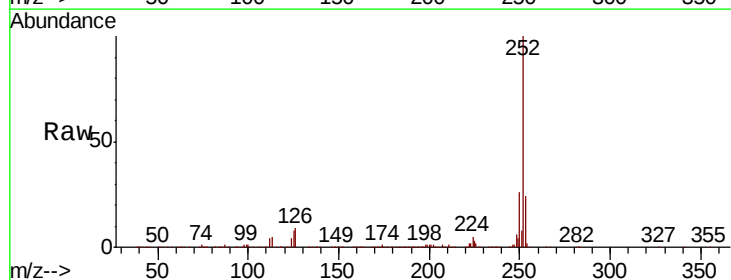
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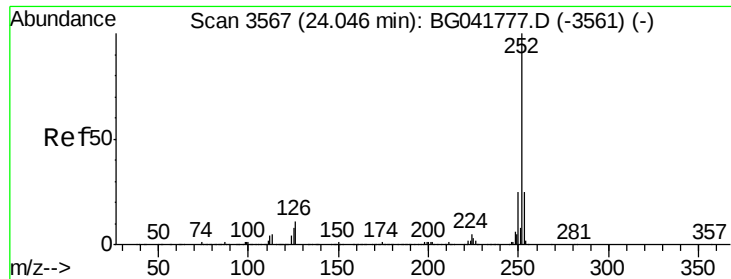
mohammad
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#88
Benzo(b)fluoranthene
Concen: 42.669 ng m
RT: 23.98 min Scan# 3556
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.6	30.8
125	7.7	8.0	12.0#





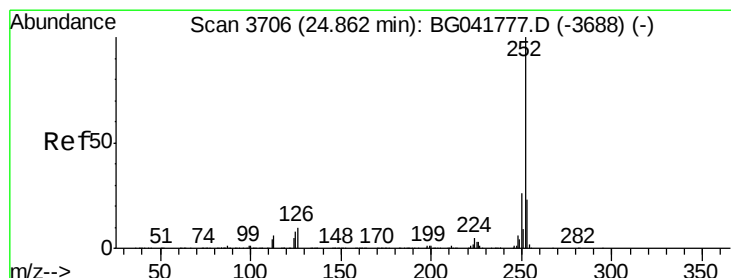
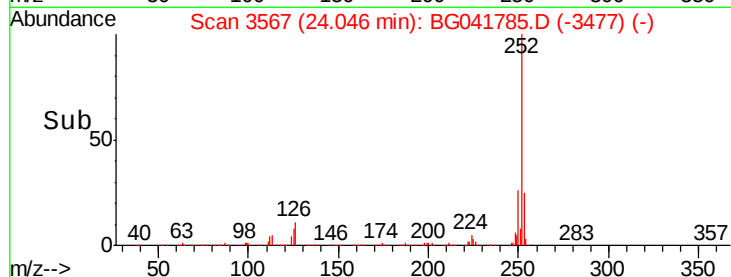
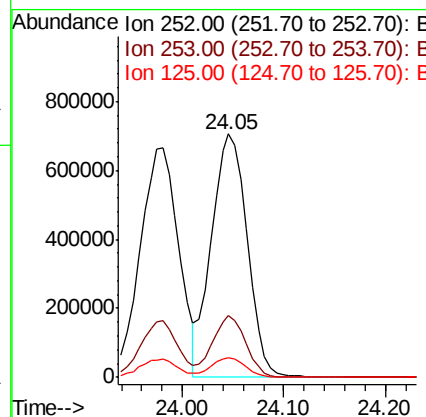
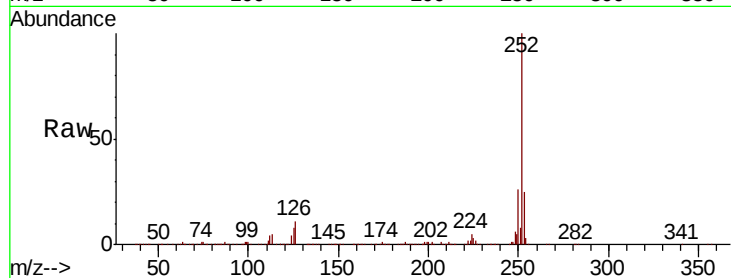
#89
Benzo(k)fluoranthene
Concen: 43.123 ng
RT: 24.05 min Scan# 3567
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.5	30.7
125	8.1	8.4	12.6

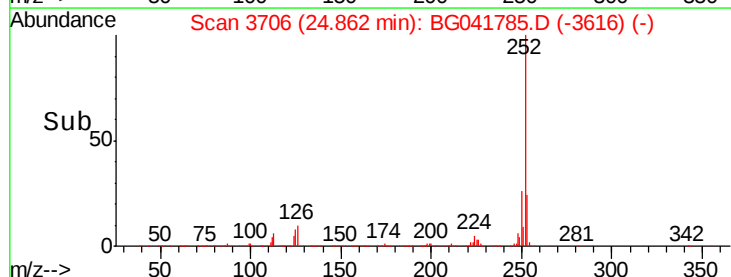
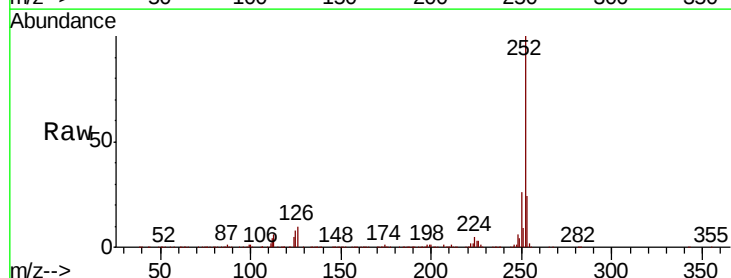
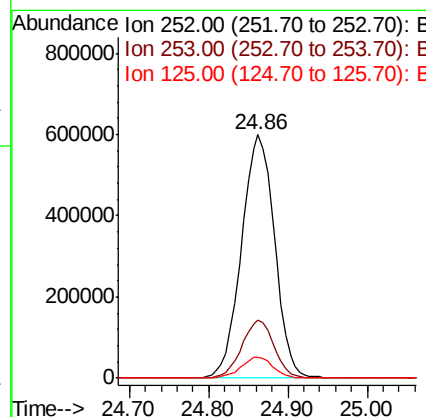
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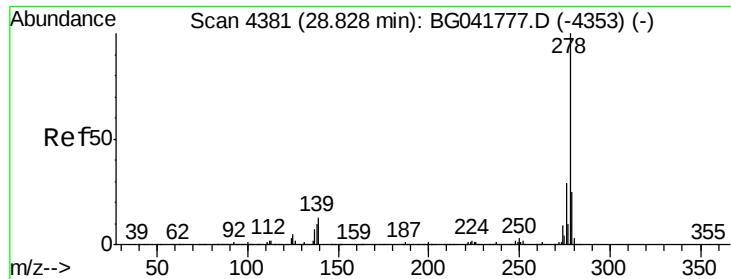
mohammad
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#90
Benzo(a)pyrene
Concen: 44.093 ng
RT: 24.86 min Scan# 3706
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.8	29.8
125	8.4	8.8	13.2





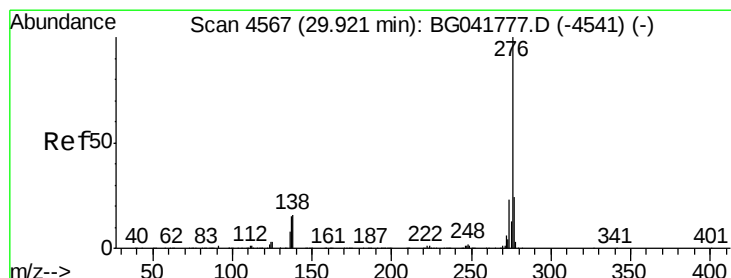
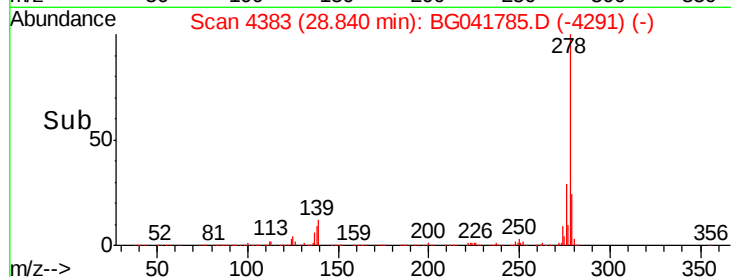
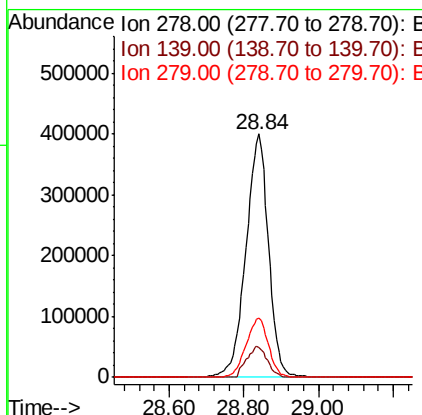
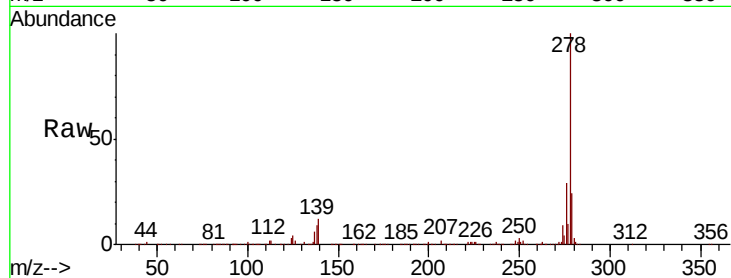
#91
Dibenzo(a,h)anthracene
Concen: 43.565 ng
RT: 28.84 min Scan# 4383
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tot Ion:278 Resp: 1683203
Ion Ratio Lower Upper
278 100
139 12.5 12.6 19.0#
279 24.4 20.5 30.7

Manual Integrations
APPROVED

mohammad
7/30/2019 4:52:22 PM



#92
Benzo(g,h,i)perylene
Concen: 44.338 ng
RT: 29.93 min Scan# 4569
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion:276 Resp: 1711492
Ion Ratio Lower Upper
276 100
277 24.6 19.8 29.8
138 16.7 16.6 25.0

