

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045046.D
 Acq On : 18 Apr 2020 1:07
 Operator : CG/JU
 Sample : PB128298BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128298BS

Manual Integrations
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 4/20/2020 2:28:11 PM

Quant Time: Apr 18 03:03:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	56408	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	247825	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	199770	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	486721	20.00	ng	0.00
76) Chrysene-d12	21.67	240	448629	20.00	ng	0.00
87) Perylene-d12	24.85	264	502912	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	504075	147.53	ng	0.00
7) Phenol-d6	7.19	99	745116	146.78	ng	0.00
23) Nitrobenzene-d5	9.18	82	469981	86.53	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	423945	137.37	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1189013	87.27	ng	0.00
79) Terphenyl-d14	20.01	244	2008950	97.60	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.49	88	51783	34.103	ng	95
3) Pyridine	3.88	79	155461	33.252	ng	93
4) n-Nitrosodimethylamine	3.79	42	64185	44.816	ng	83
6) Aniline	7.34	93	220310	33.379	ng	97
8) 2-Chlorophenol	7.59	128	194331	52.922	ng	99
9) Benzaldehyde	7.15	77	92238	29.635	ng	97
10) Phenol	7.21	94	268220	52.801	ng	96
11) bis(2-Chloroethyl)ether	7.44	93	175530	43.400	ng	99
12) 1,3-Dichlorobenzene	7.92	146	190397	44.002	ng	99
13) 1,4-Dichlorobenzene	8.06	146	194025	45.001	ng	99
14) 1,2-Dichlorobenzene	8.38	146	184997	44.849	ng	98
15) Benzyl Alcohol	8.26	79	199823	46.950	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.55	45	166916	42.043	ng	98
17) 2-Methylphenol	8.46	107	185583	47.351	ng	94
18) Hexachloroethane	9.12	117	72598	44.790	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	167940	46.780	ng	99
20) 3+4-Methylphenols	8.79	107	262283	47.810	ng	99
22) Acetophenone	8.84	105	301508	44.989	ng	# 99
24) Nitrobenzene	9.22	77	247309	44.421	ng	# 94
25) Isophorone	9.75	82	486713	43.759	ng	98
26) 2-Nitrophenol	9.94	139	114787	47.866	ng	97
27) 2,4-Dimethylphenol	10.00	122	195838	51.467	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	270152	46.228	ng	99
29) 2,4-Dichlorophenol	10.48	162	224265	51.042	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	227437	45.720	ng	98
31) Naphthalene	10.88	128	616222	45.453	ng	98
32) Benzoic acid	10.15	122	140534	46.021	ng	97
33) 4-Chloroaniline	10.98	127	74155	11.729	ng	95
34) Hexachlorobutadiene	11.18	225	152345	44.667	ng	96
35) Caprolactam	11.75	113	85881m	49.112	ng	
36) 4-Chloro-3-methylphenol	12.11	107	265450	51.429	ng	99
37) 2-Methylnaphthalene	12.49	142	491119	46.671	ng	97
38) 1-Methylnaphthalene	12.70	142	477488	48.066	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	275408	42.818	ng	99

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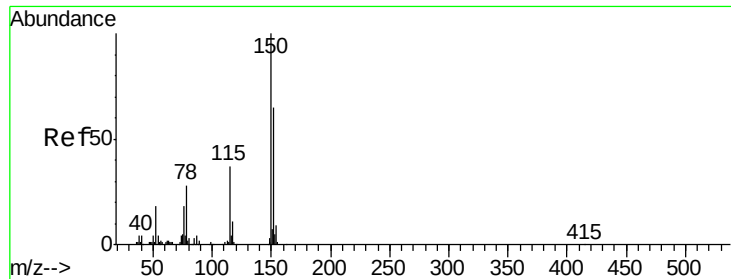
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	405743	100.928	nq	98
43) 2,4,6-Trichlorophenol	13.09	196	212409	46.791	nq	94
44) 2,4,5-Trichlorophenol	13.16	196	230924	44.691	nq	99
46) 1,1'-Biphenyl	13.49	154	655506	43.171	nq	99
47) 2-Chloronaphthalene	13.53	162	507173	43.714	nq	99
48) 2-Nitroaniline	13.73	65	169635	44.439	nq	98
49) Acenaphthylene	14.38	152	852985	45.136	nq	100
50) Dimethylphthalate	14.11	163	736952	45.306	nq	98
51) 2,6-Dinitrotoluene	14.23	165	161832	44.480	nq	96
52) Acenaphthene	14.73	154	665633m	52.058	nq	
53) 3-Nitroaniline	14.55	138	81875	20.518	nq	95
54) 2,4-Dinitrophenol	14.76	184	218750	101.113	nq	98
55) Dibenzofuran	15.06	168	845621	45.362	nq	99
56) 4-Nitrophenol	14.87	139	276443	89.349	nq	93
57) 2,4-Dinitrotoluene	15.01	165	235572	44.306	nq	97
58) Fluorene	15.71	166	704361	46.258	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.28	232	230439	50.121	nq	98
60) Diethylphthalate	15.48	149	767732	45.270	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	401142	45.770	nq	98
62) 4-Nitroaniline	15.72	138	170448	41.183	nq	96
63) Azobenzene	15.99	77	720110	46.055	nq	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	158108	49.421	nq	98
66) n-Nitrosodiphenylamine	15.91	169	638447	45.654	nq	98
67) 4-Bromophenyl-phenylether	16.59	248	279307	44.482	nq	97
68) Hexachlorobenzene	16.72	284	300043	46.074	nq	97
69) Atrazine	16.86	200	263025	52.347	nq	99
70) Pentachlorophenol	17.06	266	373790	93.565	nq	99
71) Phenanthrene	17.45	178	1150155	45.985	nq	99
72) Anthracene	17.54	178	1173249	46.764	nq	100
73) Carbazole	17.80	167	1074450	42.201	nq	99
74) Di-n-butylphthalate	18.37	149	1279262	46.339	nq	99
75) Fluoranthene	19.45	202	1405449	48.254	nq	98
77) Benzidine	19.62	184	672779	52.809	nq	98
78) Pyrene	19.81	202	1364652	44.123	nq	99
80) Butylbenzylphthalate	20.70	149	562279	43.858	nq	97
81) Benzo(a)anthracene	21.65	228	1338965	46.048	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	342616	29.603	nq	98
83) Chrysene	21.72	228	1282283	45.897	nq	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	798346	45.277	nq	98
85) Di-n-octyl phthalate	22.77	149	1368851	44.894	nq	100
86) Indeno(1,2,3-cd)pyrene	28.48	276	1766452	47.622	nq	# 97
88) Benzo(b)fluoranthene	23.85	252	1463881	46.469	nq	99
89) Benzo(k)fluoranthene	23.91	252	1419212	47.372	nq	99
90) Benzo(a)pyrene	24.71	252	1358956	45.690	nq	99
91) Dibenzo(a,h)anthracene	28.55	278	1423585	47.500	nq	96
92) Benzo(g,h,i)perylene	29.61	276	1432861	47.687	nq	99

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



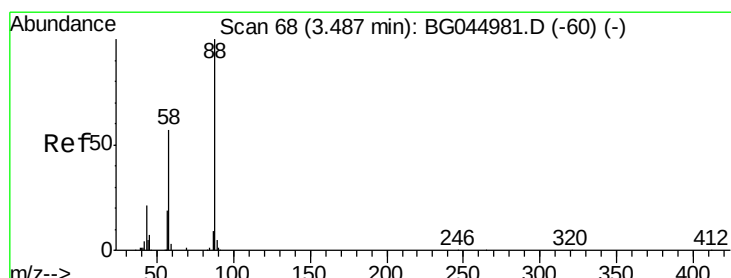
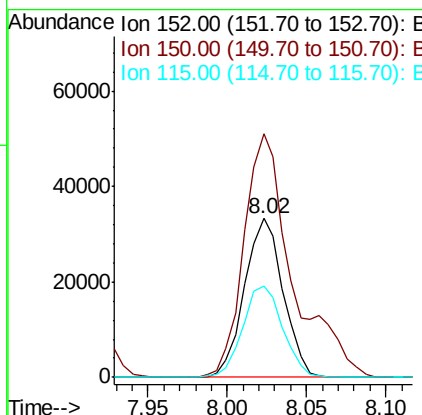
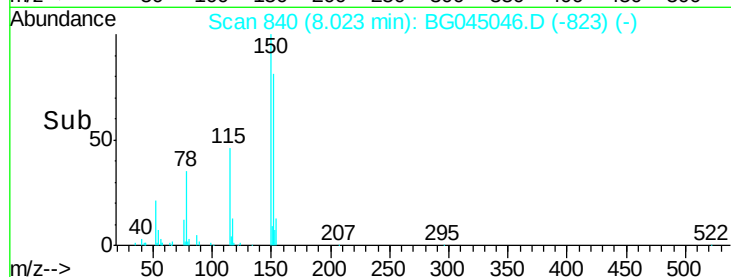
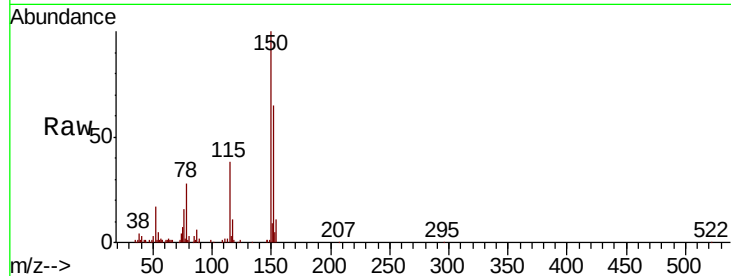
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 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

Instrument :
 BNA_G
 ClientSampleId :
 PB128298BS

Tot Ion:	152	Resp:	56408
Ion Ratio	Lower	Upper	
152	100		
150	153.5	123.6	185.4
115	57.6	49.1	73.7

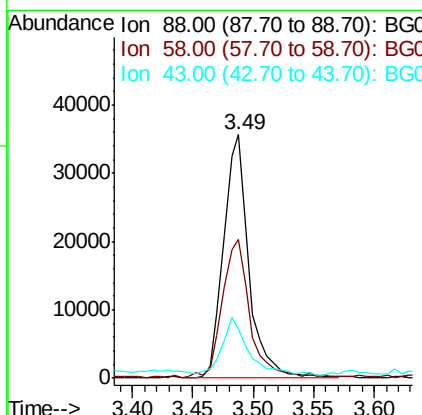
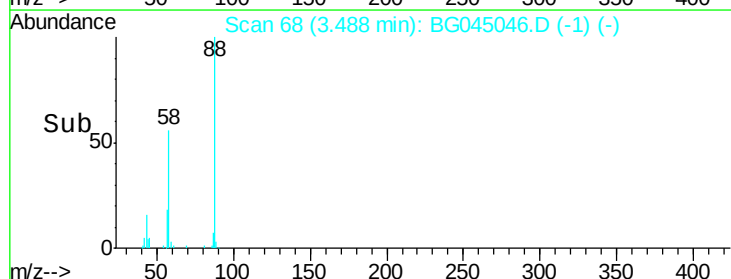
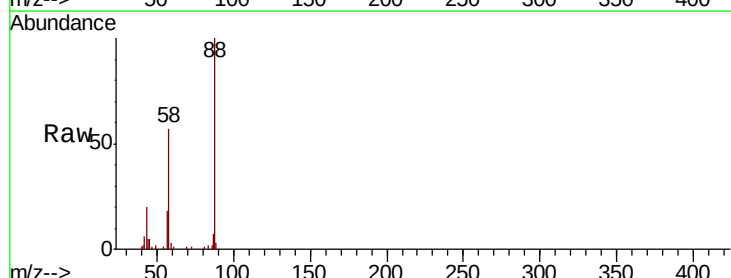
Manual Integrations
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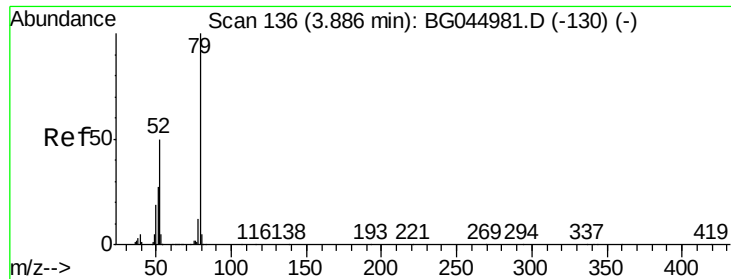
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#2
 1,4-Dioxane
 Concen: 34.103 ng
 RT: 3.49 min Scan# 68
 Delta R.T. -0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

Tgt Ion:	88	Resp:	51783
Ion Ratio	Lower	Upper	
88	100		
58	62.1	46.6	69.8
43	24.3	17.5	26.3





#3

Pvridine

Concen: 33.252 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

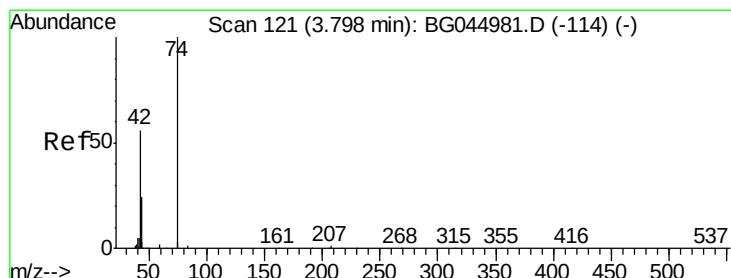
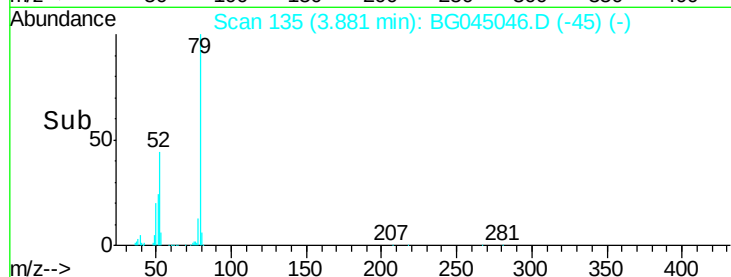
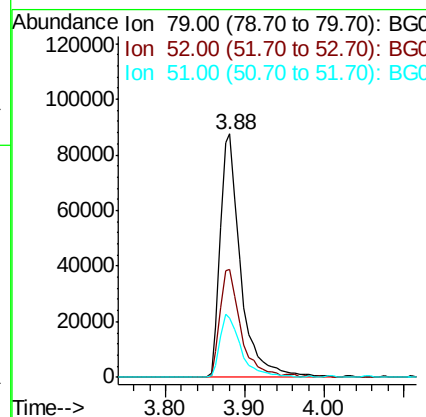
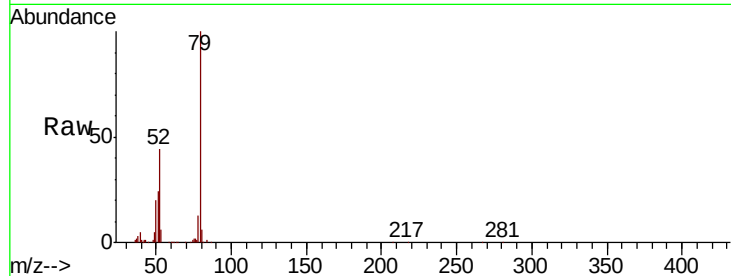
ClientSampleId :

PB128298BS

Tot Ion:	79	Resp:	155461
Ion Ratio	Lower	Upper	
79	100		
52	44.3	39.8	59.6
51	24.4	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 44.816 ng

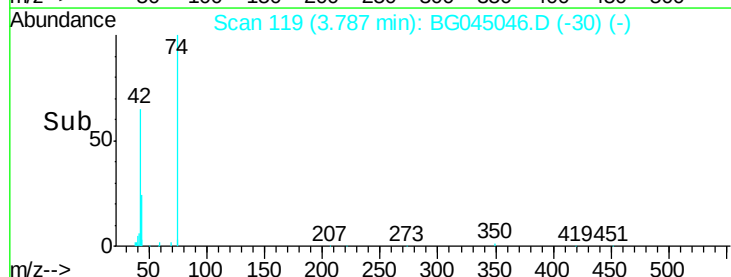
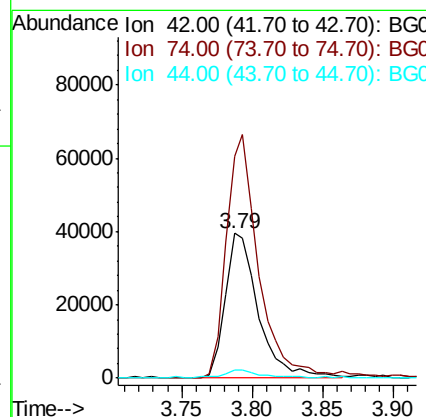
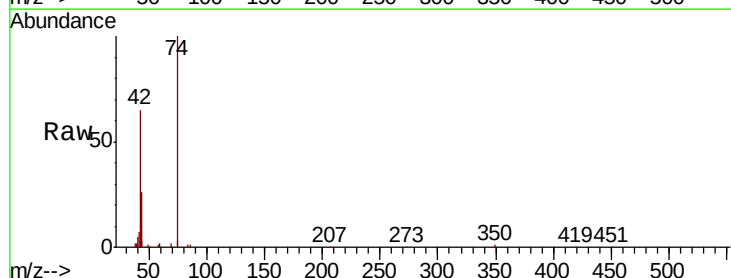
RT: 3.79 min Scan# 119

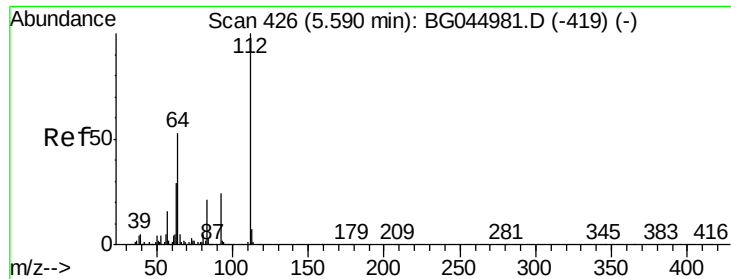
Delta R.T. -0.01 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Tgt Ion:	42	Resp:	64185
Ion Ratio	Lower	Upper	
42	100		
74	153.5	143.0	214.6
44	5.3	4.6	6.8





#5

2-Fluorophenol

Concen: 147.532 ng

RT: 5.59 min Scan# 426

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

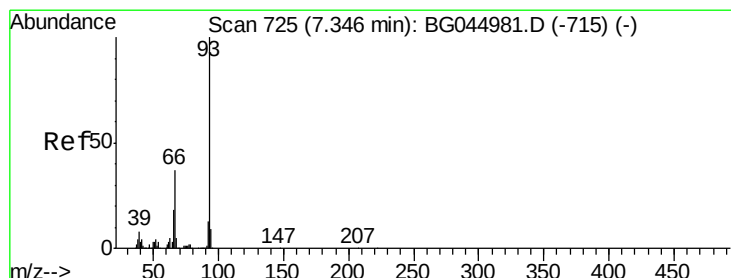
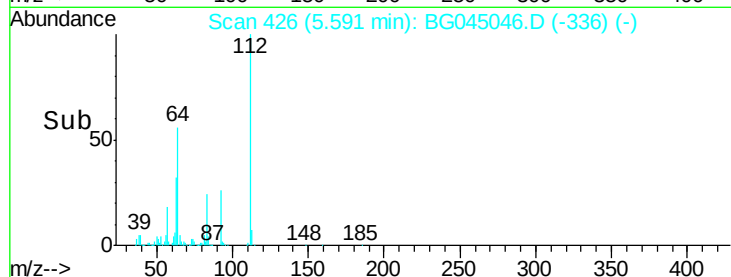
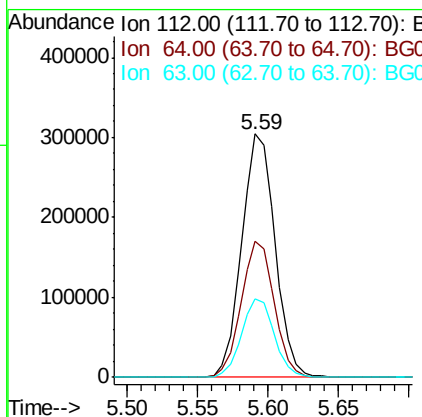
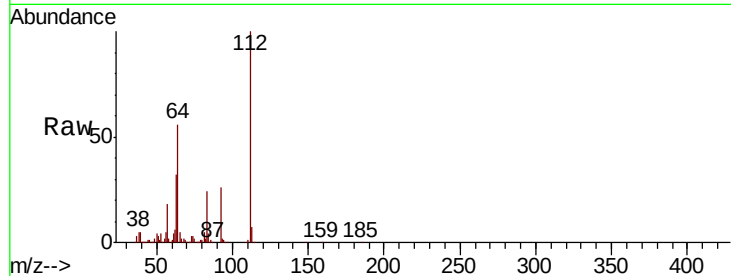
ClientSampleId :

PB128298BS

Tot Ion:	112	Resp:	504075
Ion Ratio	Lower	Upper	
112	100		
64	55.7	42.4	63.6
63	32.3	23.1	34.7

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#6

Aniline

Concen: 33.379 ng

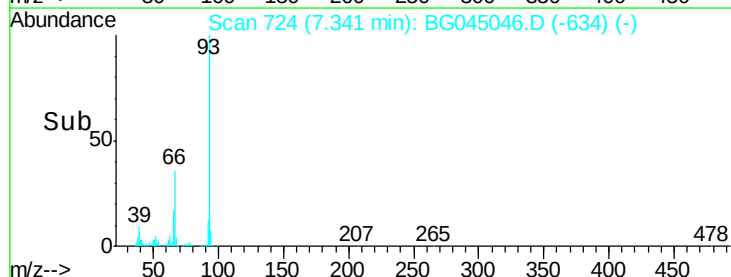
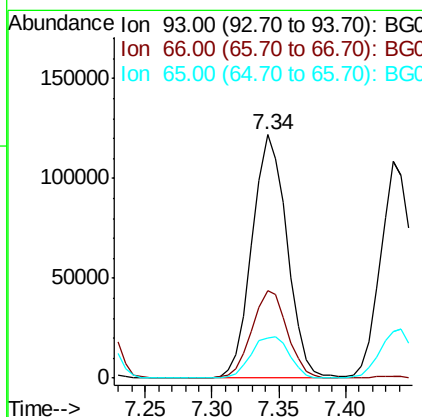
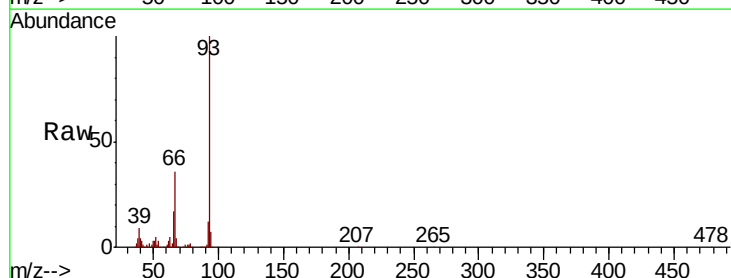
RT: 7.34 min Scan# 724

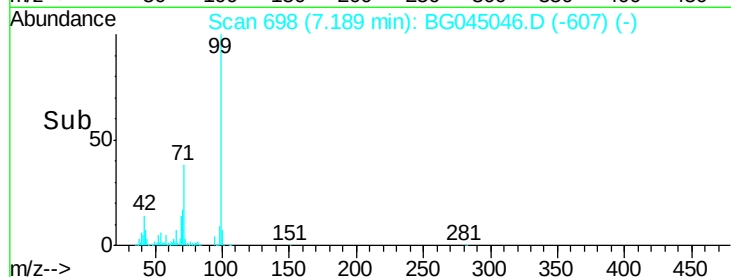
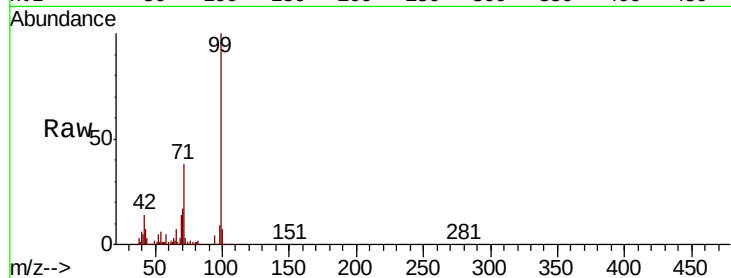
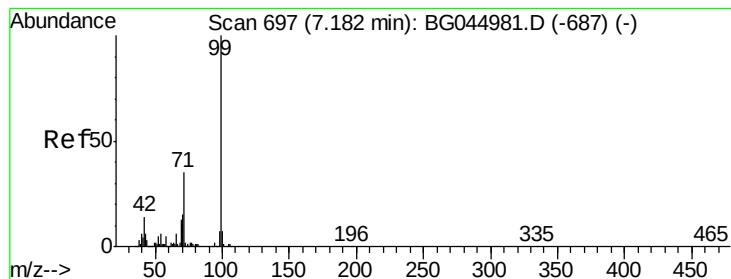
Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Tgt Ion:	93	Resp:	220310
Ion Ratio	Lower	Upper	
93	100		
66	35.9	29.8	44.8
65	16.7	14.6	22.0





#7

Phenol-d6

Concen: 146.781 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Tot Ion:	99	Resp:	745116
Ion Ratio	Lower	Upper	
99	100		
42	14.4	11.3	16.9
71	38.4	28.3	42.5

Instrument :

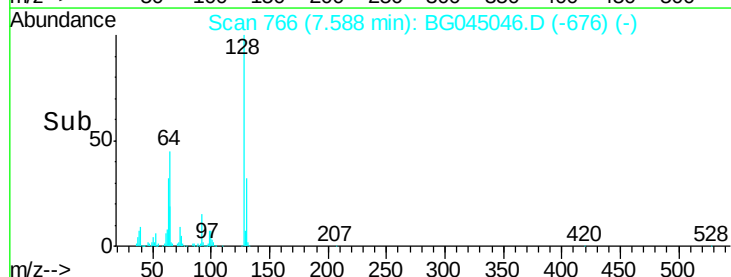
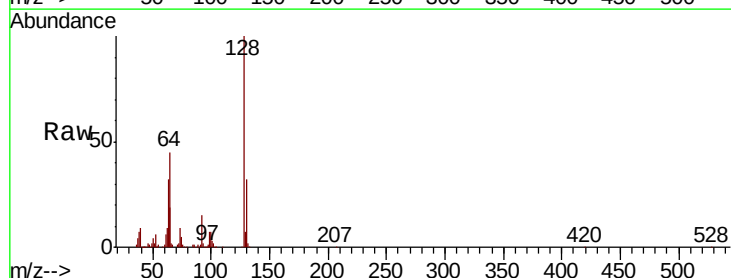
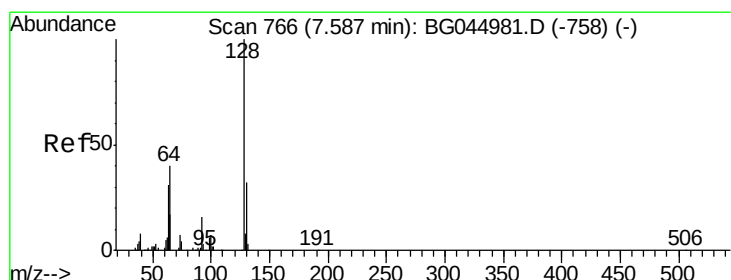
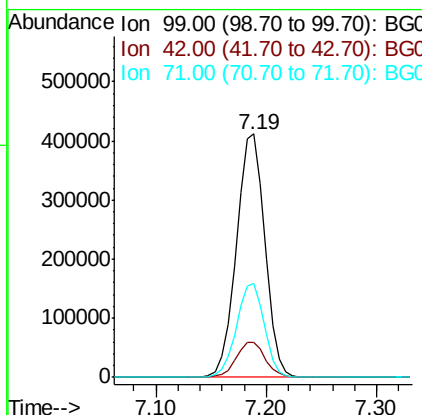
BNA_G

ClientSampled :

PB128298BS

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#8

2-Chlorophenol

Concen: 52.922 ng

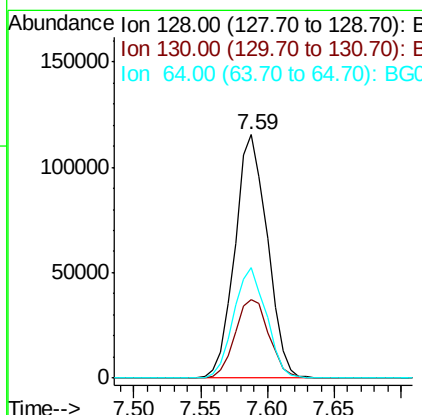
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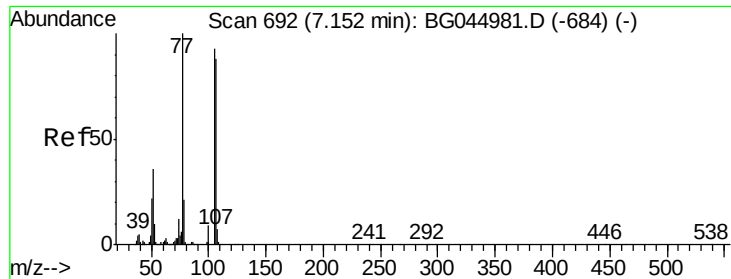
Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Tgt Ion:	128	Resp:	194331
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.3	52.3
64	45.5	24.4	64.4





#9

Benzaldehyde

Concen: 29.635 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

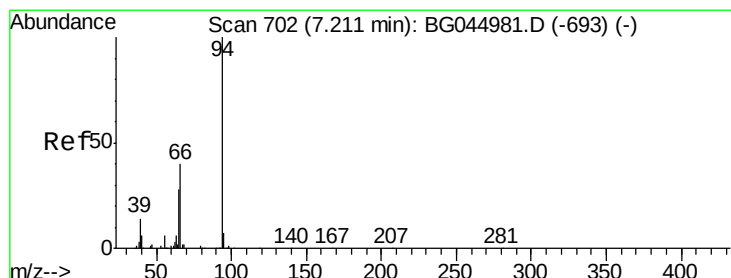
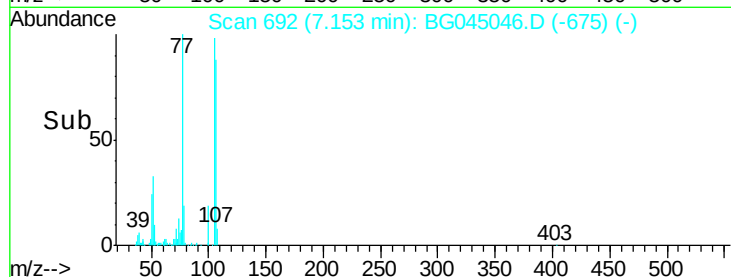
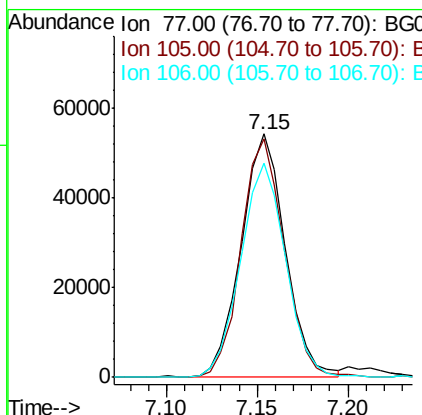
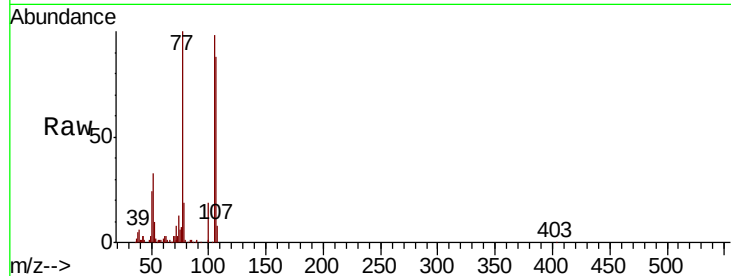
ClientSampleId :

PB128298BS

Tot Ion:	77	Resp:	92238
Ion	Ratio	Lower	Upper
77	100		
105	97.9	72.9	112.9
106	87.7	67.6	107.6

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#10

Phenol

Concen: 52.801 ng

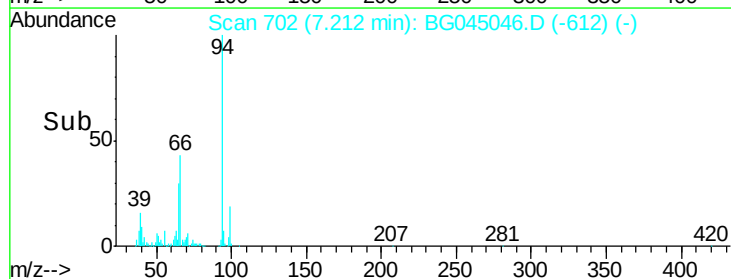
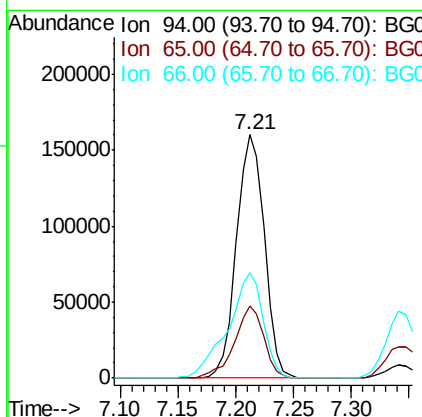
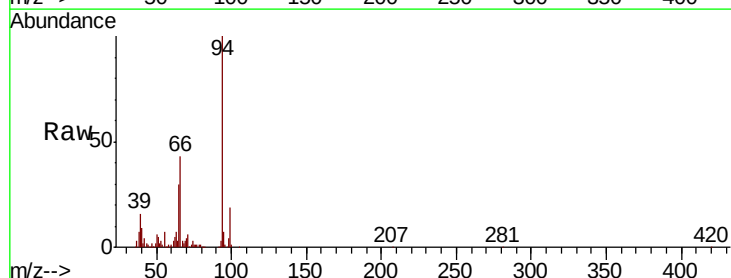
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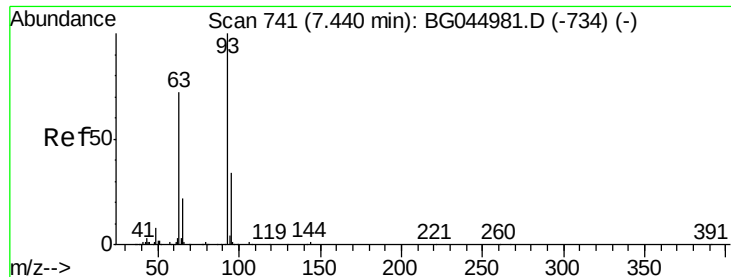
Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Tgt Ion:	94	Resp:	268220
Ion	Ratio	Lower	Upper
94	100		
65	29.9	8.2	48.2
66	43.4	20.4	60.4





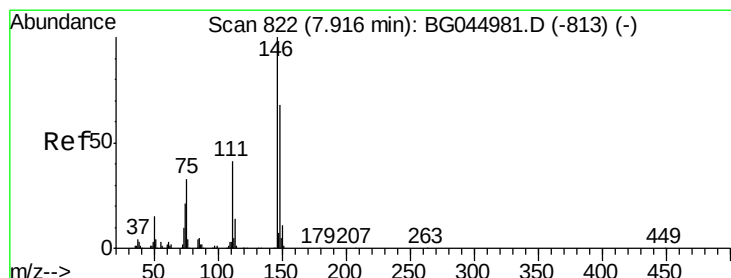
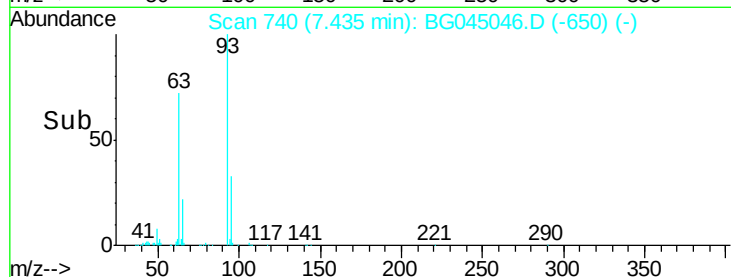
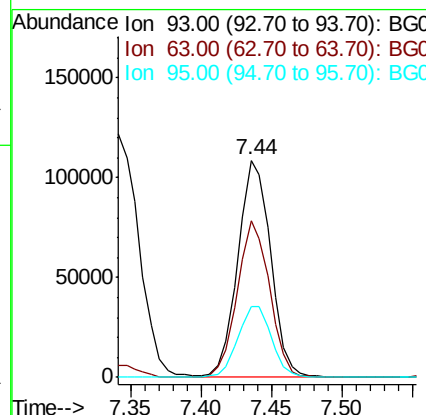
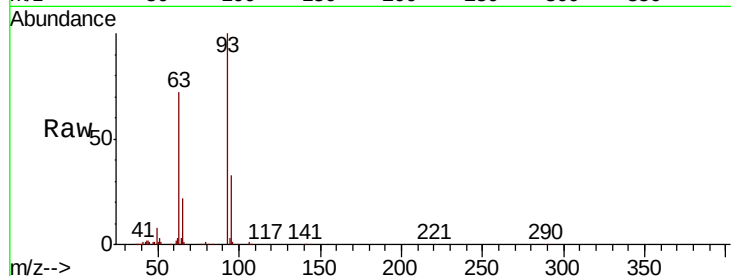
#11
bis(2-Chloroethyl)ether
Concen: 43.400 ng
RT: 7.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Instrument :
BNA_G
ClientSampleId :
PB128298BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.1	51.8	91.8
95	32.6	13.8	53.8

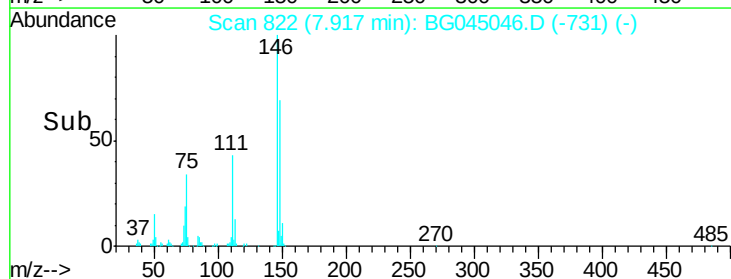
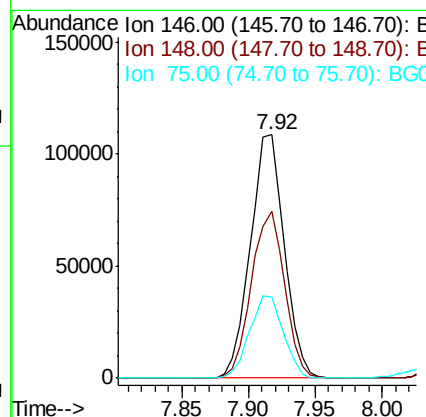
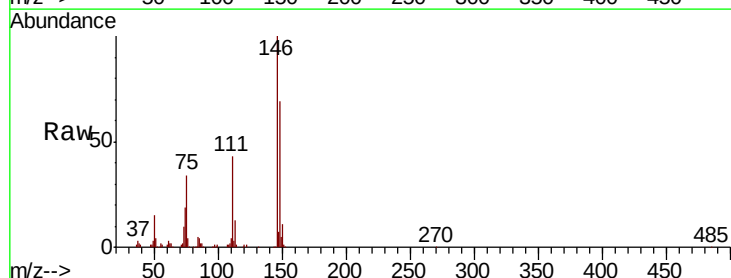
Manual Integrations
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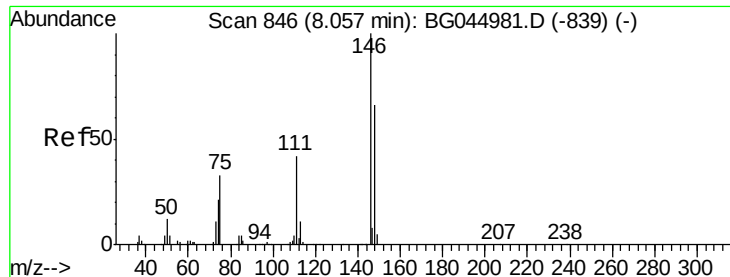
mohammad
4/20/2020 2:28:11 PM



#12
1,3-Dichlorobenzene
Concen: 44.002 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.6	54.6	81.8
75	33.5	26.0	39.0





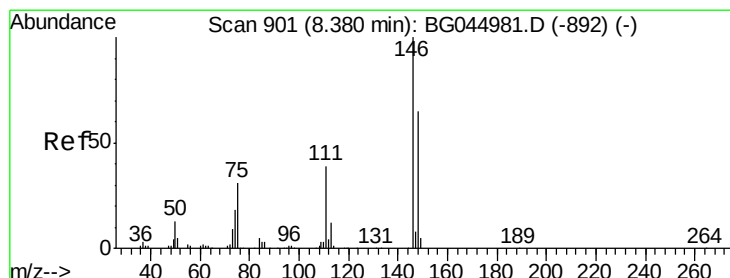
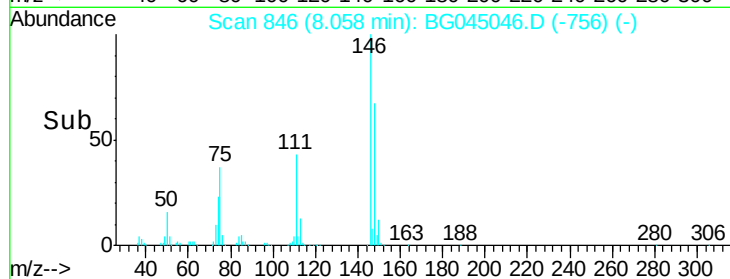
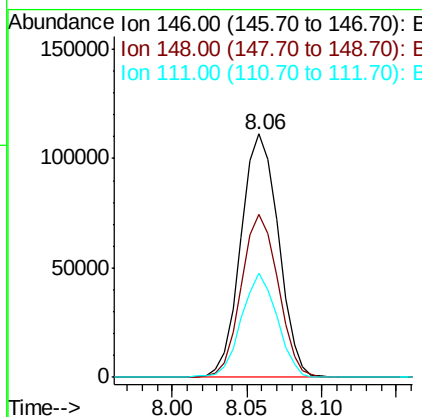
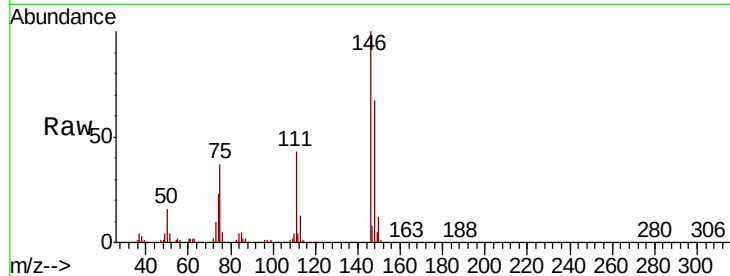
#13
 1,4-Dichlorobenzene
 Concen: 45.001 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

Instrument :
 BNA_G
 ClientSampled :
 PB128298BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.9	53.3	79.9
111	42.9	33.8	50.8

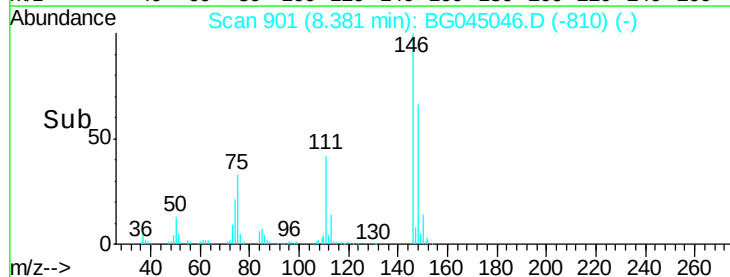
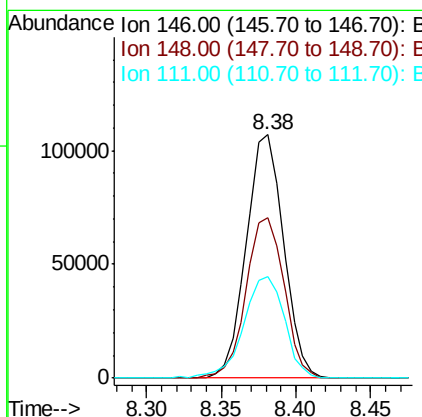
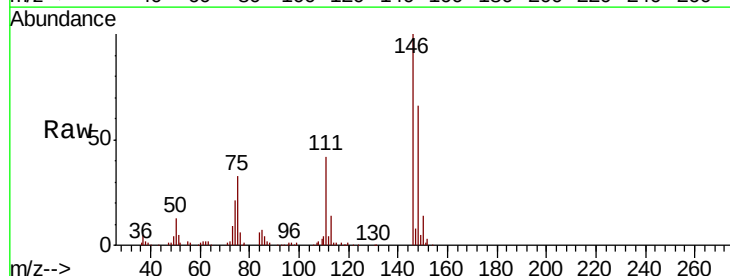
Manual Integrations
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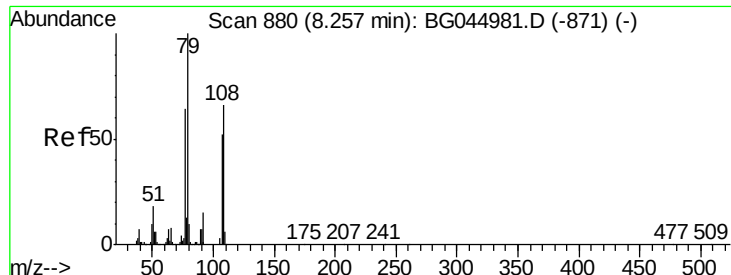
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 44.849 ng
 RT: 8.38 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.9	77.9
111	41.6	31.3	46.9





#15

Benzyl Alcohol

Concen: 46.950 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

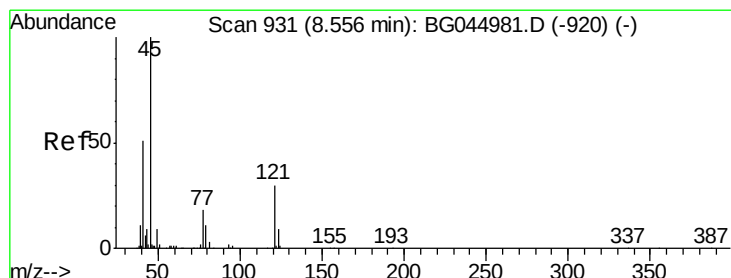
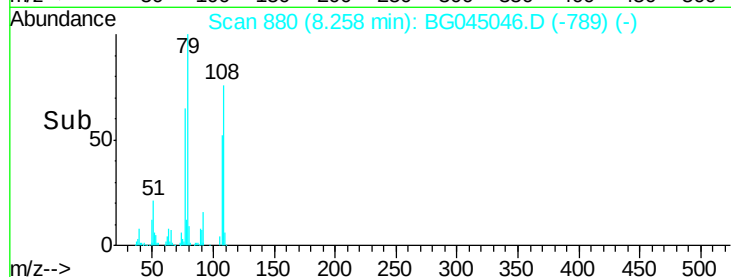
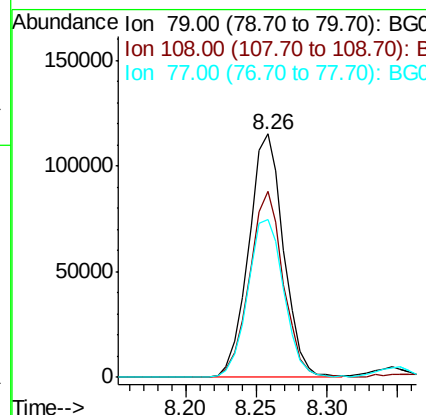
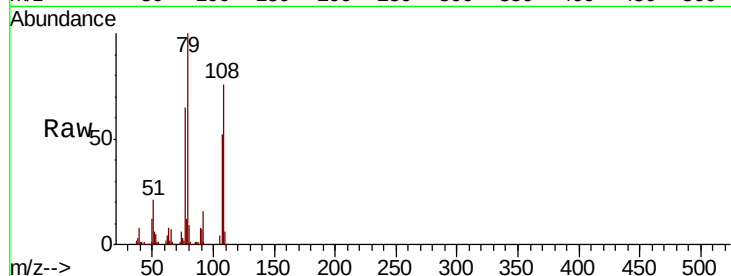
ClientSampled :

PB128298BS

Tot Ion:	79	Resp:	199823
Ion	Ratio	Lower	Upper
79	100		
108	76.5	52.7	79.1
77	64.8	51.3	76.9

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.043 ng

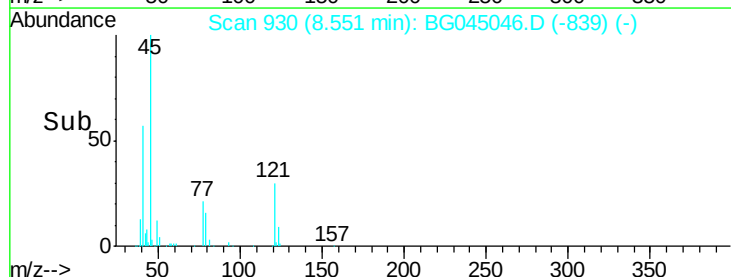
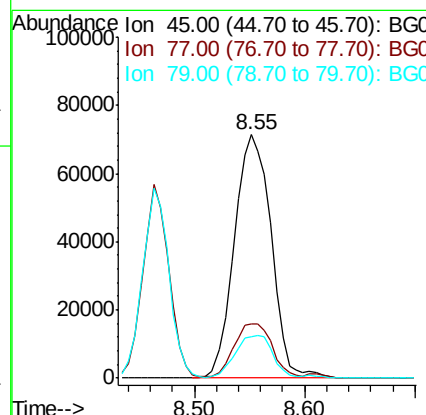
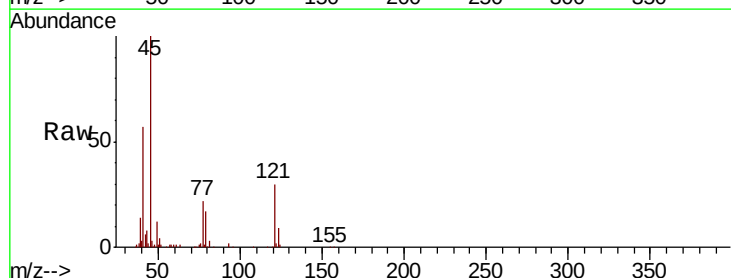
RT: 8.55 min Scan# 930

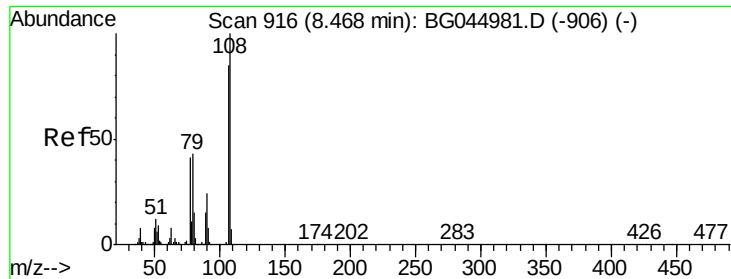
Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Tgt Ion:	45	Resp:	166916
Ion	Ratio	Lower	Upper
45	100		
77	22.1	1.9	41.9
79	16.8	0.0	35.5





#17

2-Methylphenol

Concen: 47.351 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

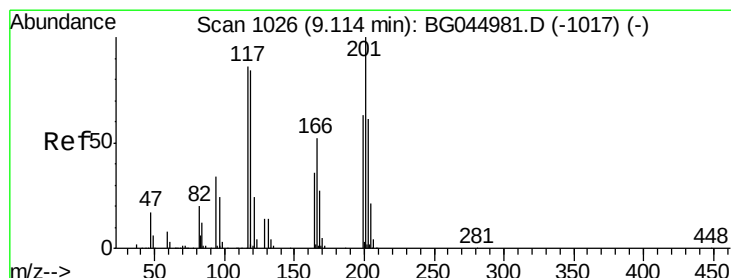
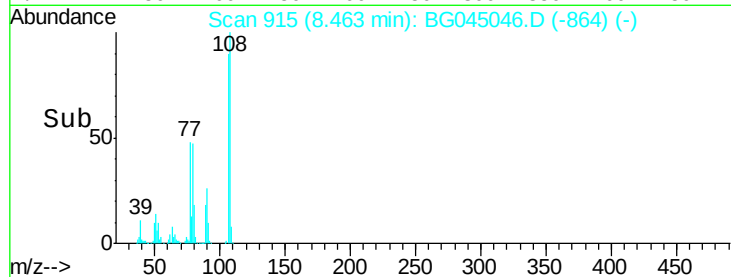
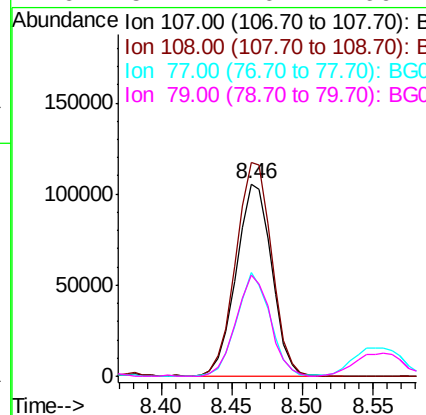
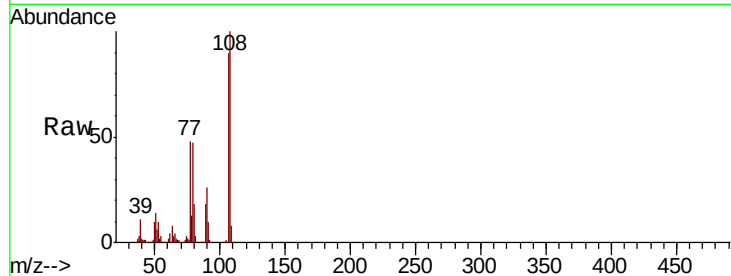
ClientSampleId :

PB128298BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.1	93.8	140.6	
77	53.8	38.5	57.7	
79	52.7	40.1	60.1	

Manual Integrations
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#18

Hexachloroethane

Concen: 44.790 ng

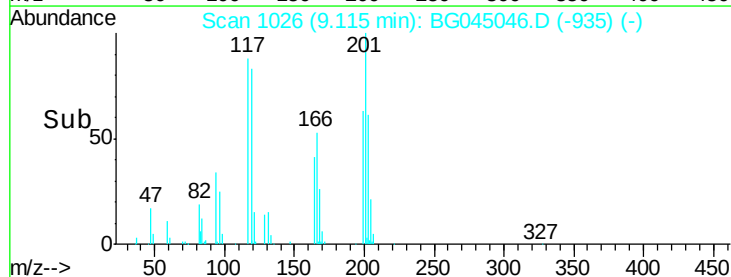
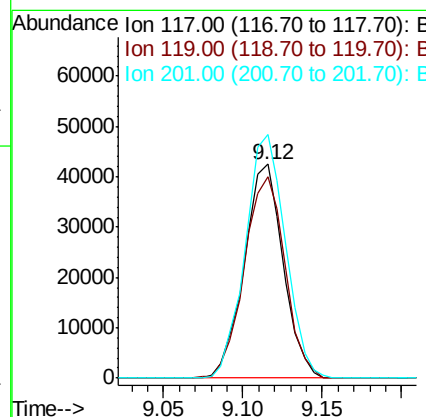
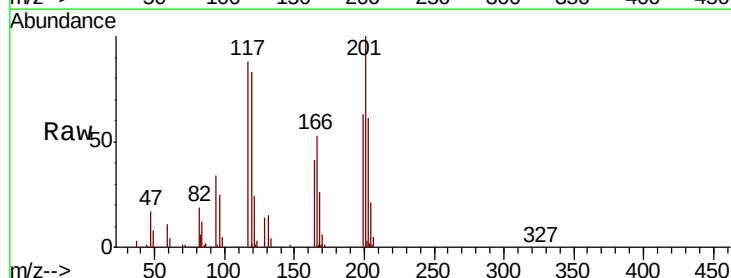
RT: 9.12 min Scan# 1026

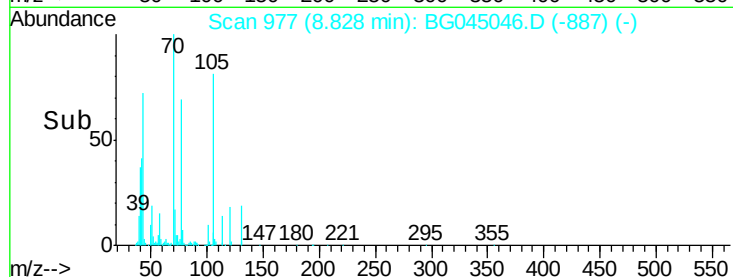
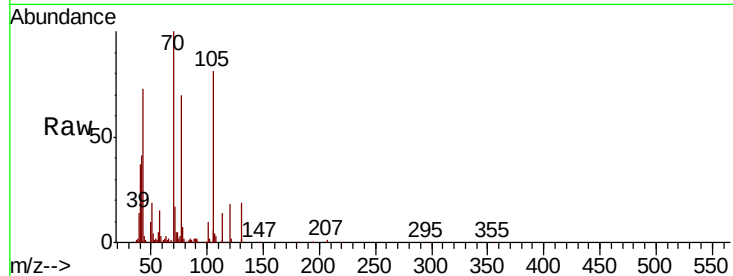
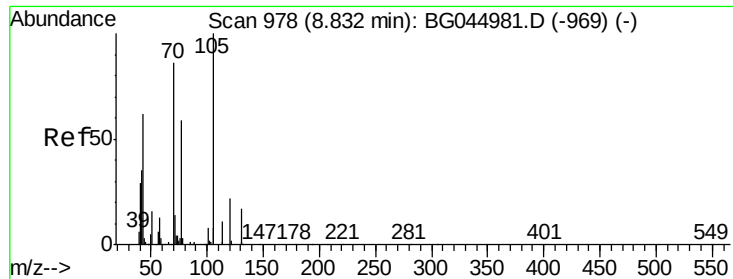
Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.3	78.3	117.5	
201	113.9	92.9	139.3	





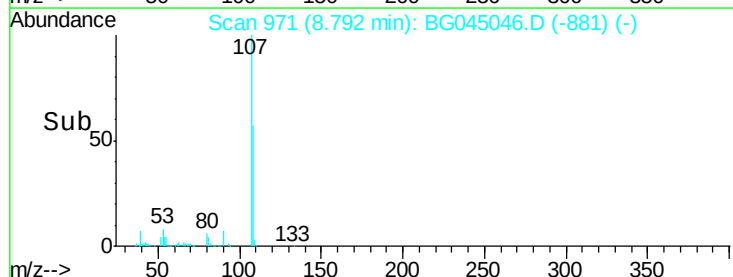
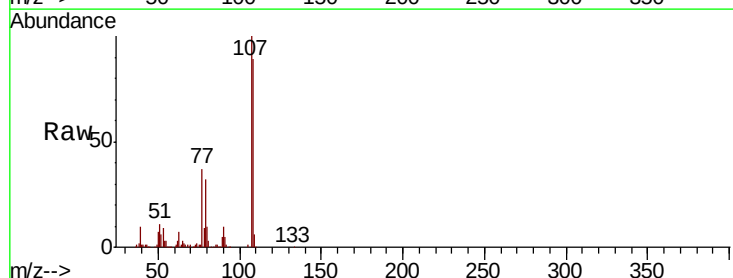
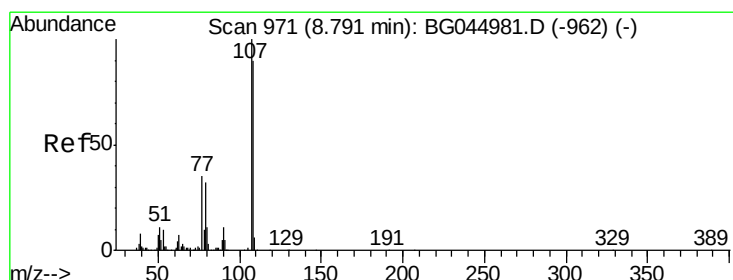
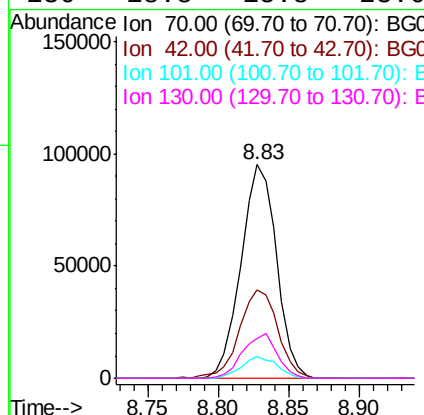
#19
n-Nitroso-di-n-propylamine
Concen: 46.780 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	41.5	33.3	49.9		
101	10.0	7.8	11.8		
130	18.8	15.8	23.6		

Instrument :
BNA_G
ClientSampleId :
PB128298BS

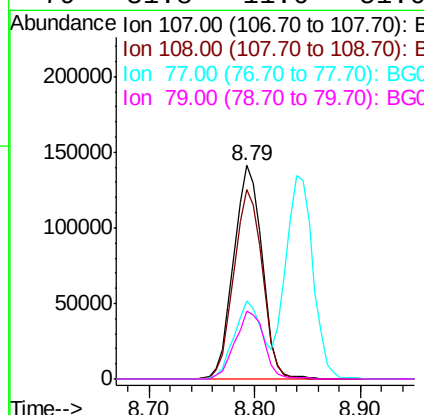
Manual Integrations
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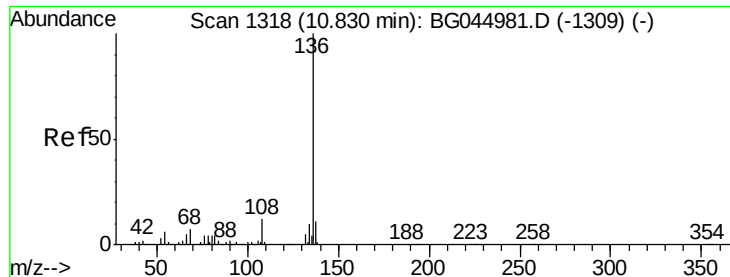
mohammad
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#20
3+4-Methylphenols
Concen: 47.810 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.9	69.9	109.9		
77	36.7	15.2	55.2		
79	31.8	11.6	51.6		





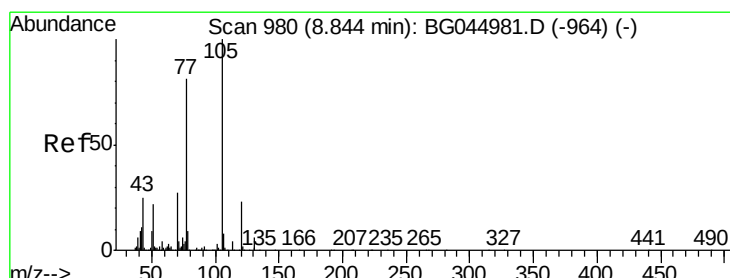
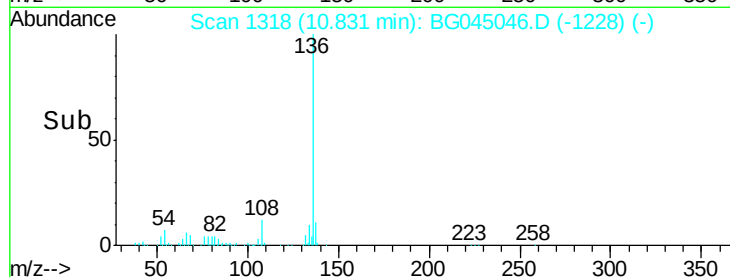
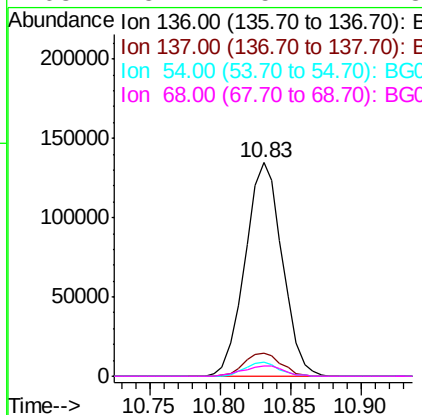
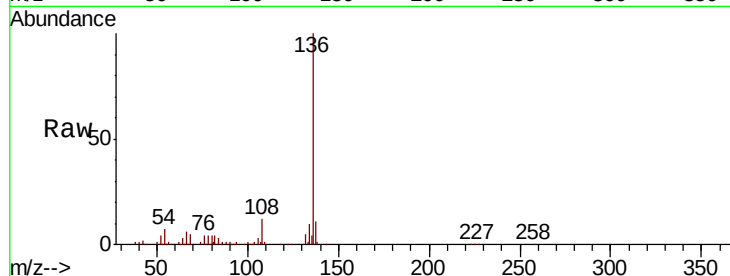
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Instrument :
BNA_G
ClientSampleId :
PB128298BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.1	8.6	13.0		
54	6.6	4.8	7.2		
68	5.1	5.2	7.8		

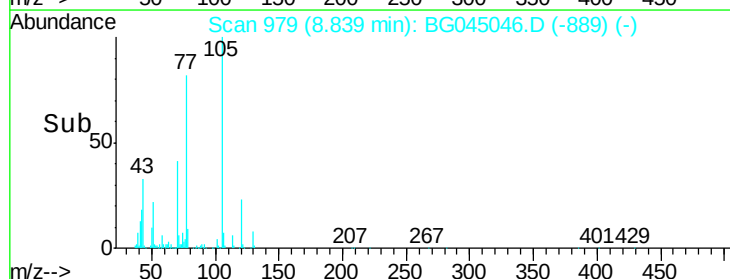
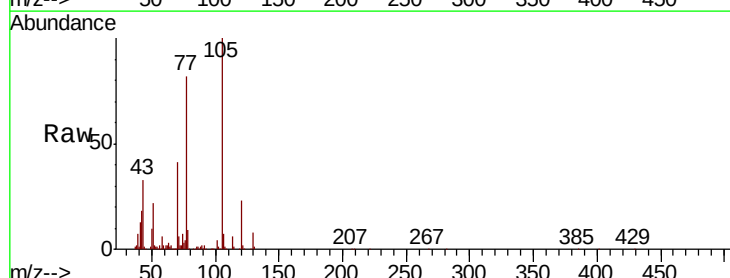
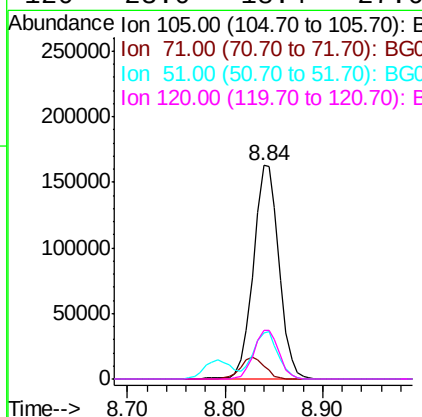
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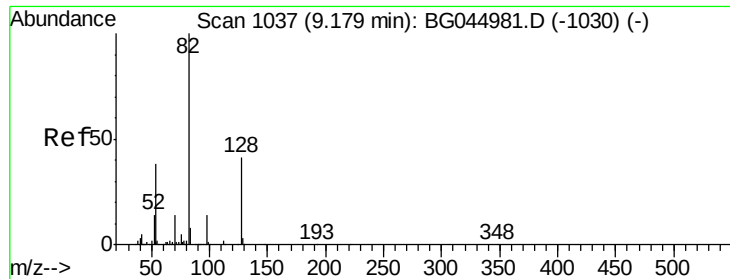
mohammad
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#22
Acetophenone
Concen: 44.989 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	6.1	3.3	4.9		
51	21.8	17.3	25.9		
120	23.0	18.4	27.6		





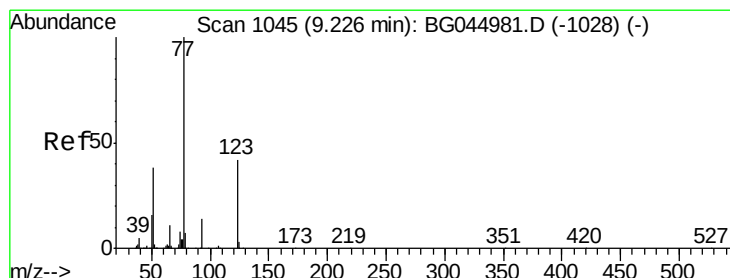
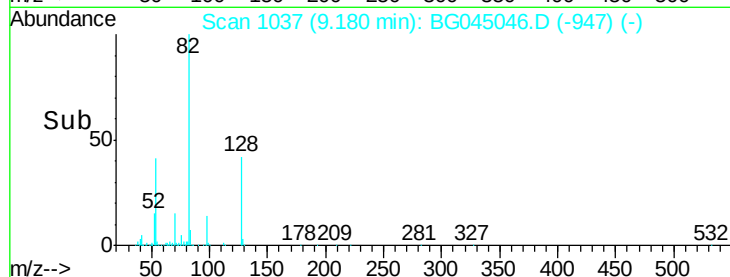
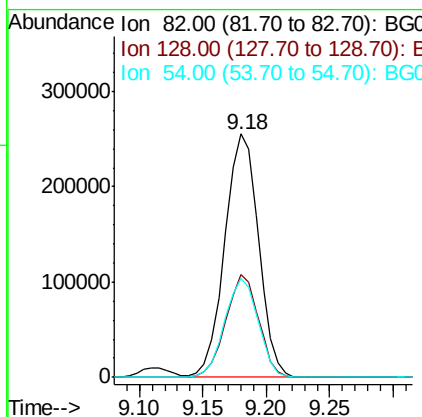
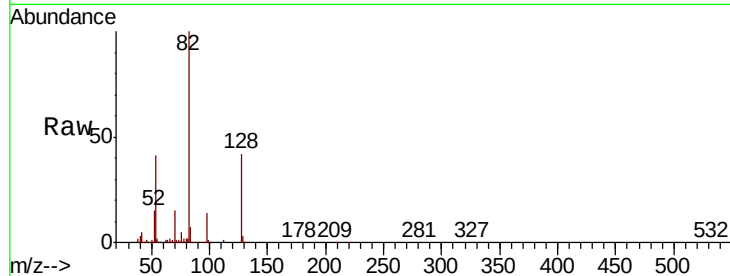
#23
 Nitrobenzene-d5
 Concen: 86.532 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

Instrument :
 BNA_G
 ClientSampleId :
 PB128298BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	469981		
128	42.2	33.0	49.4	
54	40.8	30.4	45.6	

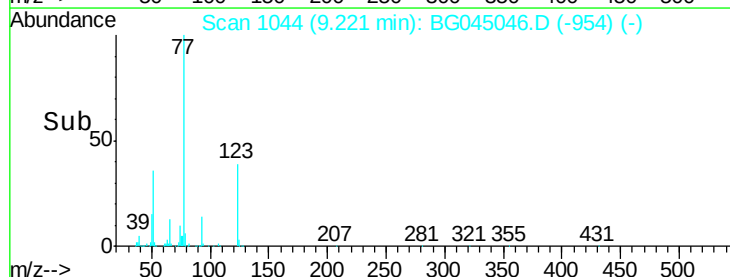
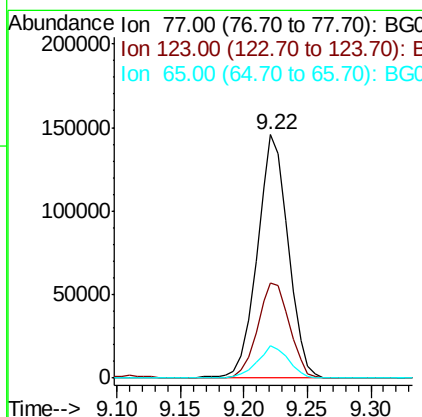
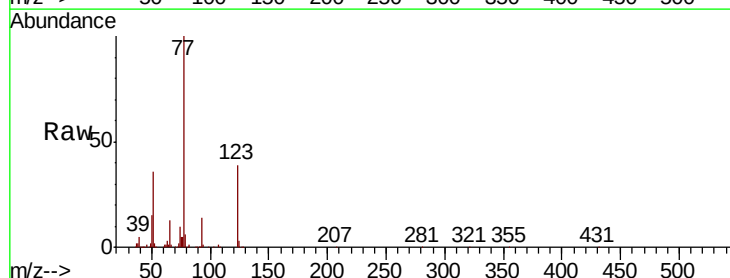
Manual Integrations
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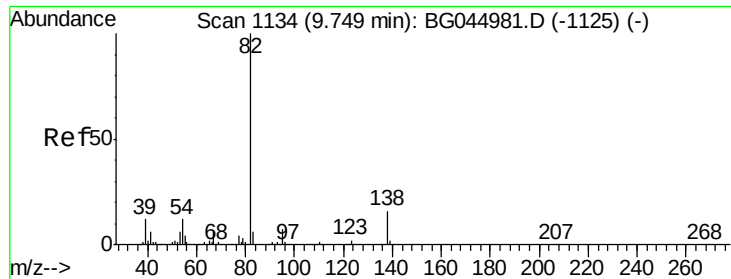
mohammad
 4/20/2020 2:28:11 PM



#24
 Nitrobenzene
 Concen: 44.421 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	247309		
123	38.9	34.3	51.5	
65	13.4	8.9	13.3	





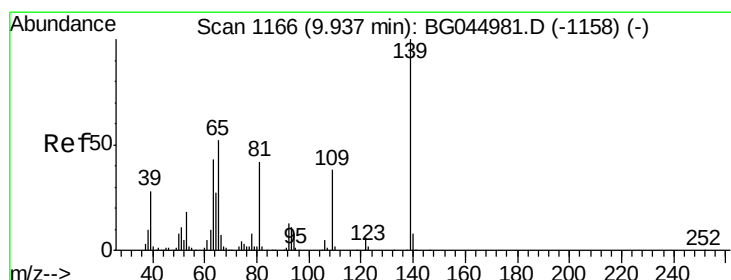
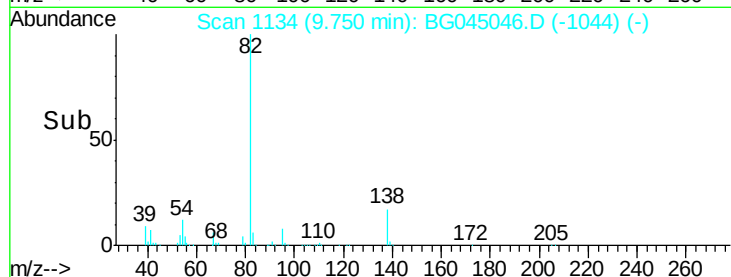
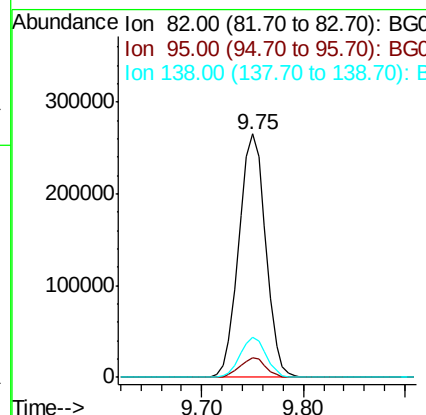
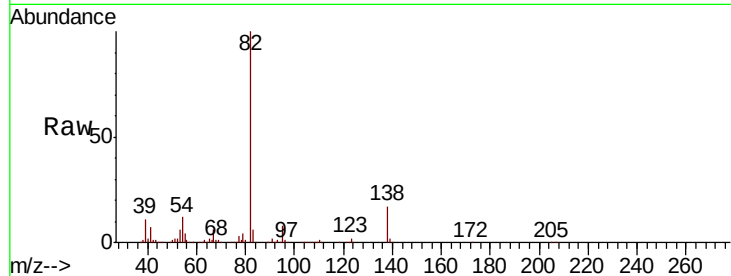
#25
Isophorone
Concen: 43.759 ng
RT: 9.75 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Instrument :
BNA_G
ClientSampleId :
PB128298BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.2	6.0	9.0
138	16.7	12.7	19.1

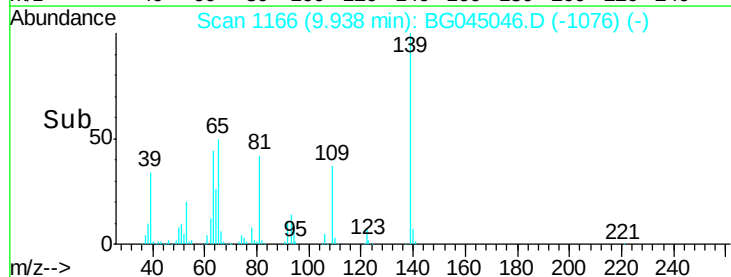
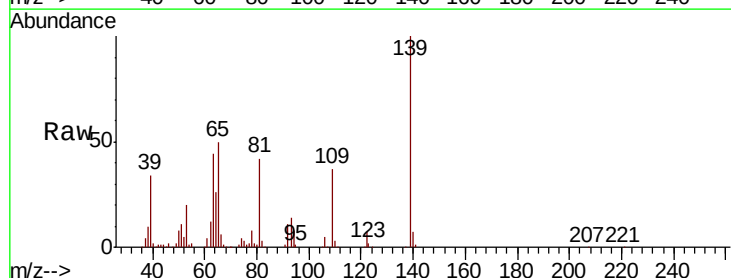
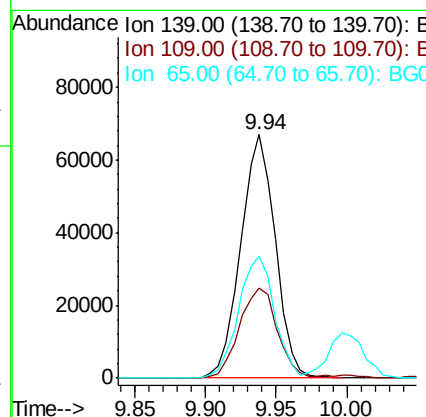
Manual Integrations
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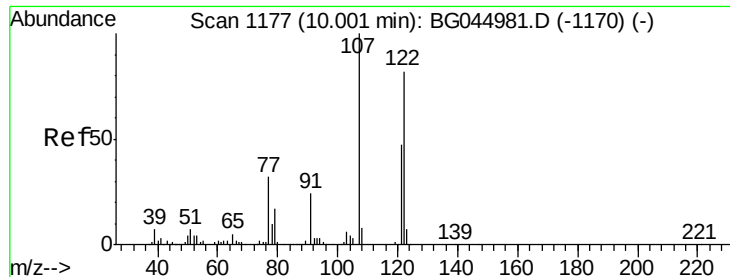
mohammad
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#26
2-Nitrophenol
Concen: 47.866 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	37.0	30.6	45.8
65	50.0	41.8	62.6





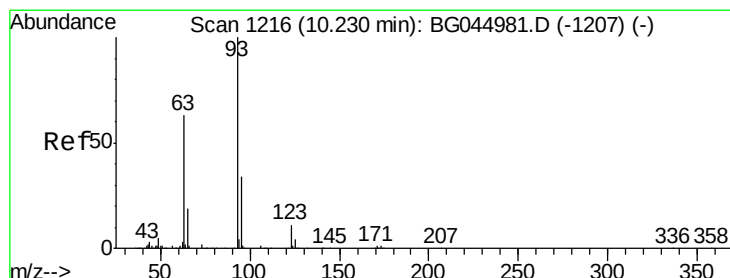
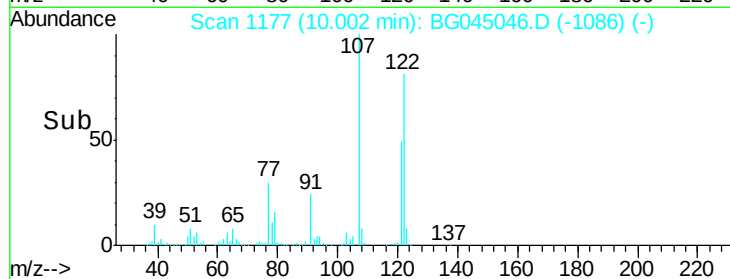
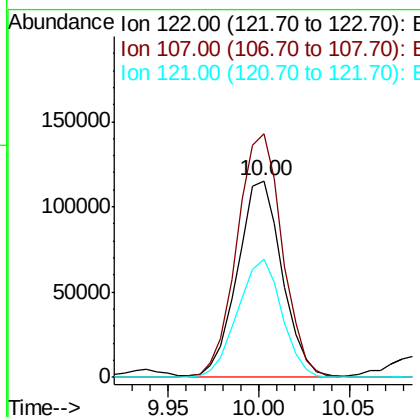
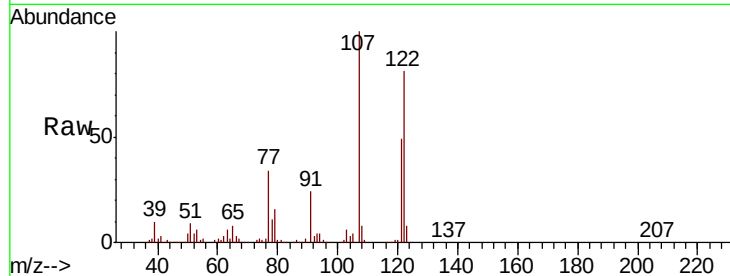
#27
 2,4-Dimethylphenol
 Concen: 51.467 ng
 RT: 10.00 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

Instrument :
 BNA_G
 ClientSampleId :
 PB128298BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	195838		
107	123.9	96.8	145.2	
121	60.1	45.6	68.4	

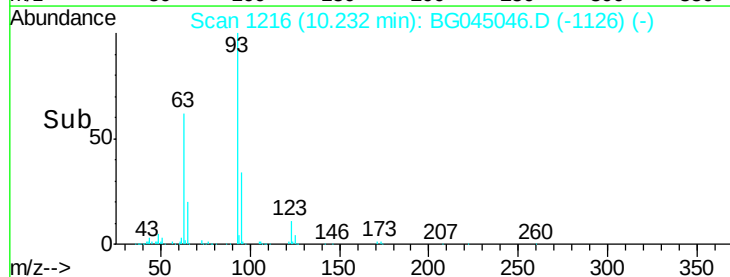
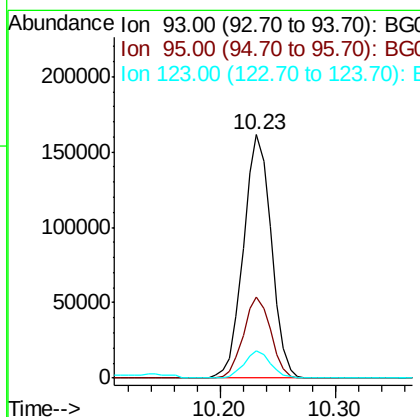
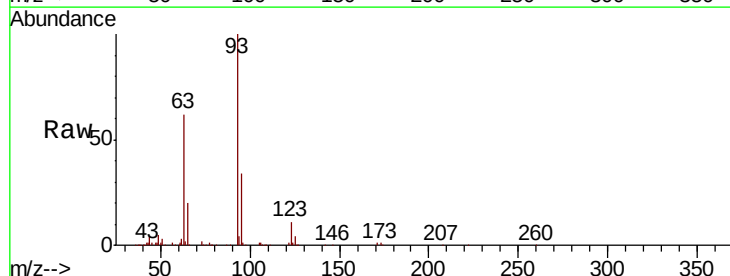
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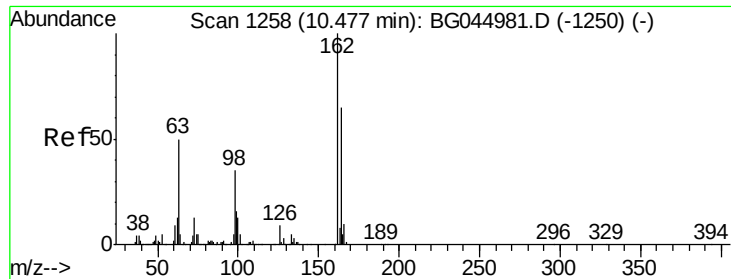
mohammad
 4/20/2020 2:28:11 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.228 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	270152		
95	33.5	27.0	40.4	
123	11.4	8.7	13.1	





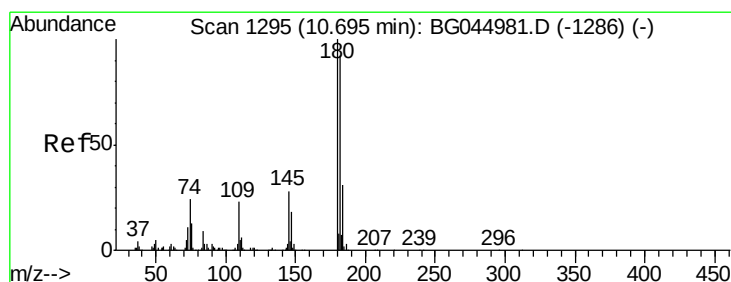
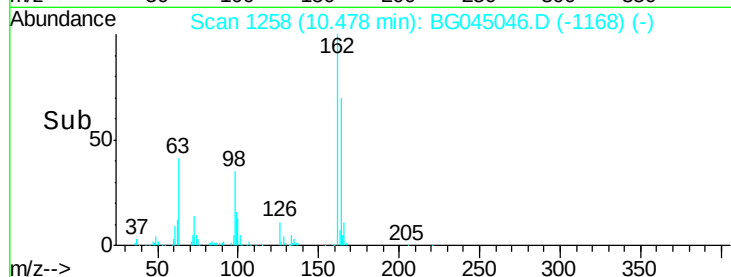
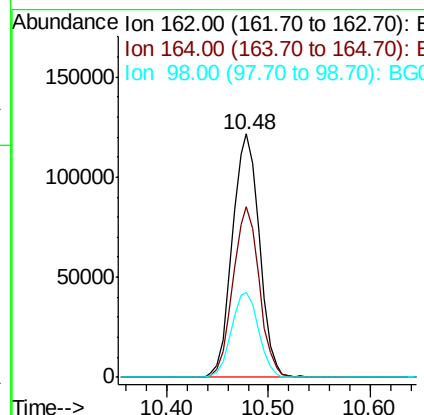
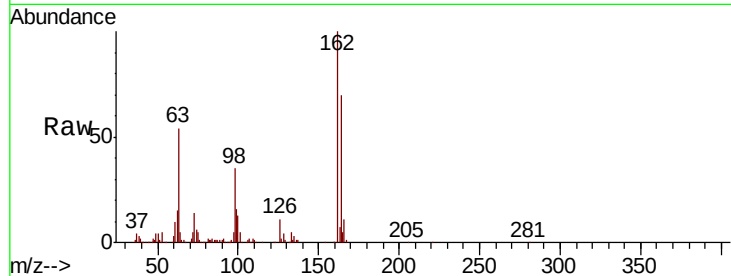
#29
 2,4-Dichlorophenol
 Concen: 51.042 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

Instrument :
 BNA_G
 ClientSampleId :
 PB128298BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	69.9	45.0	85.0
98	34.6	15.2	55.2

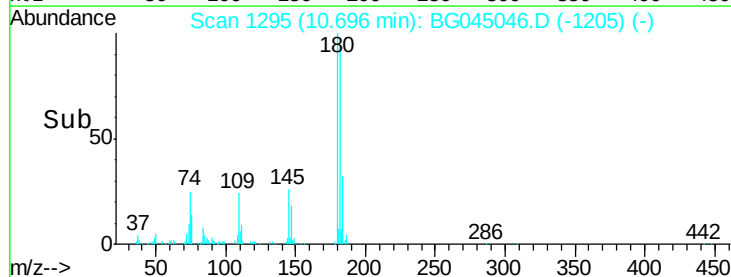
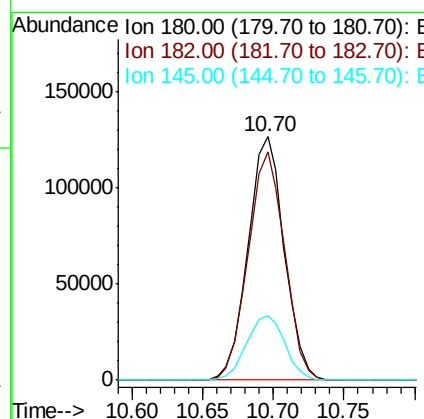
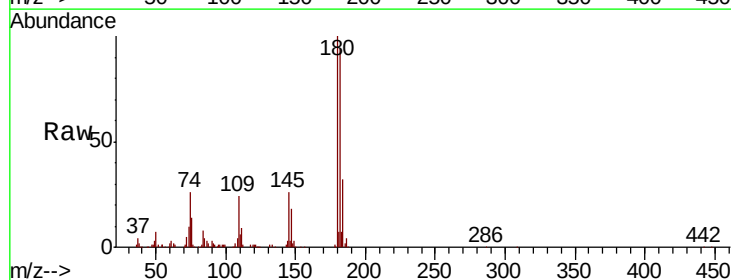
Manual Integrations
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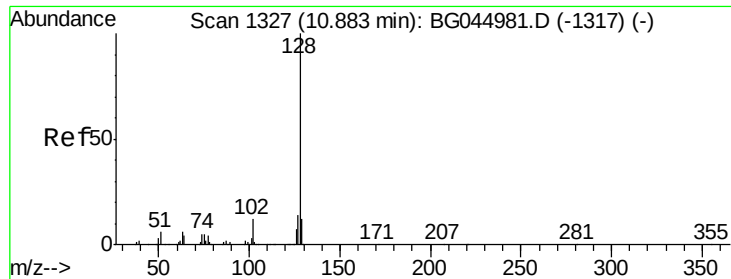
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.720 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.5	73.3	109.9
145	26.5	22.6	33.8





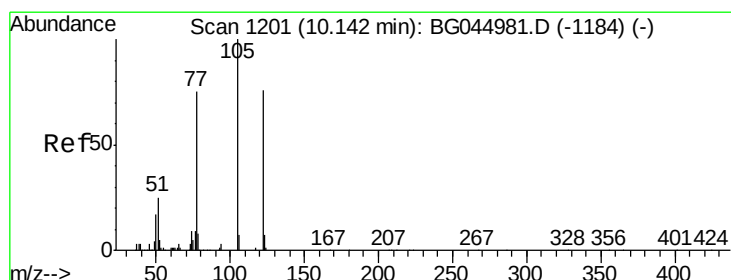
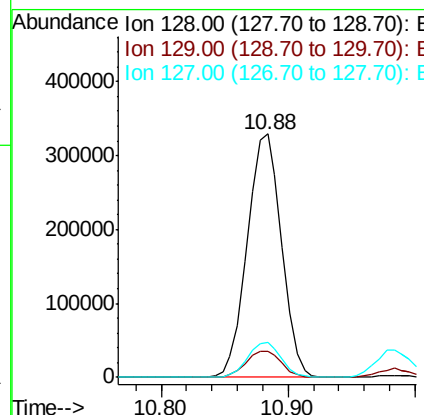
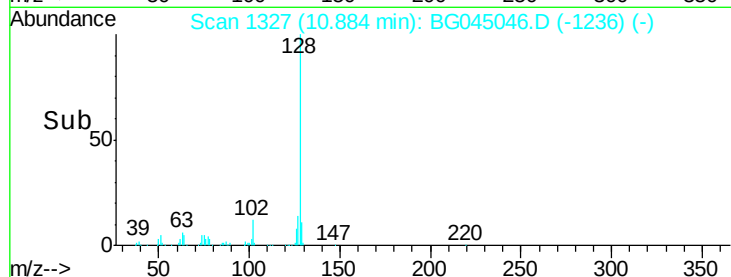
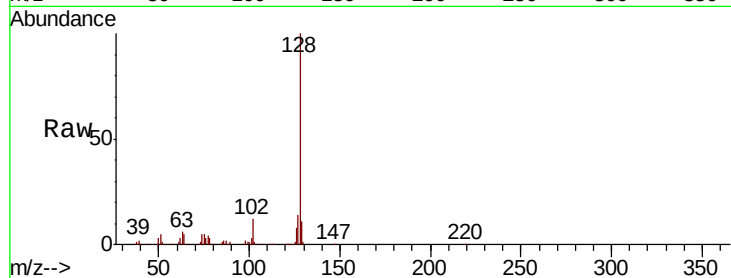
#31
Naphthalene
Concen: 45.453 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Instrument :
BNA_G
ClientSampleId :
PB128298BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.2
127	14.2	10.8	16.2

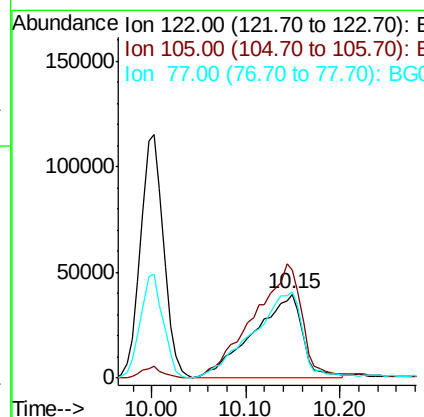
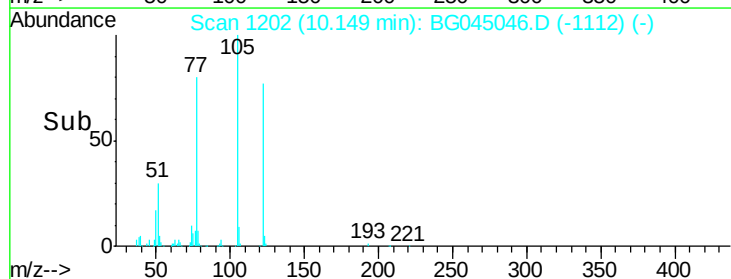
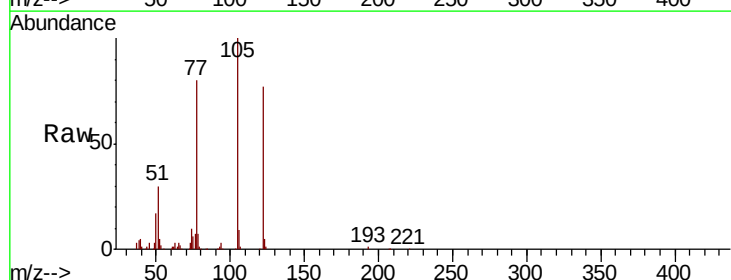
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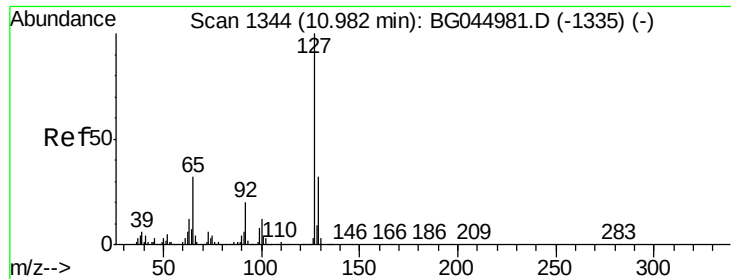
mohammad
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#32
Benzoic acid
Concen: 46.021 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.3	108.4	148.4
77	103.6	78.8	118.8





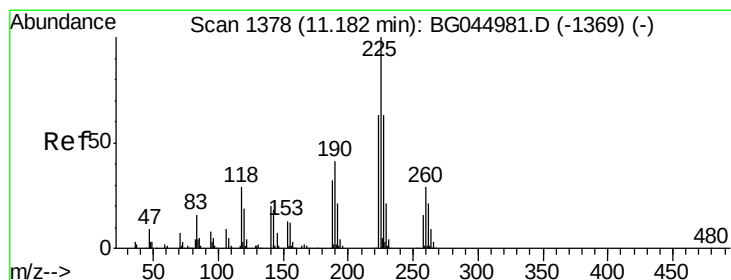
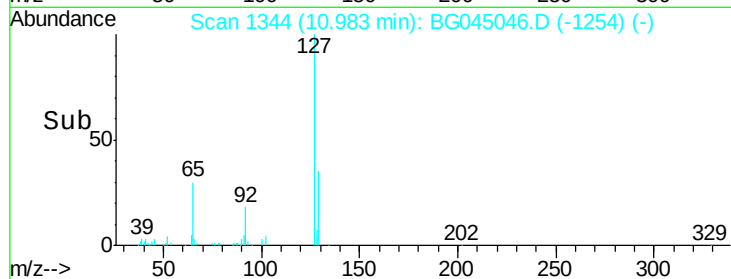
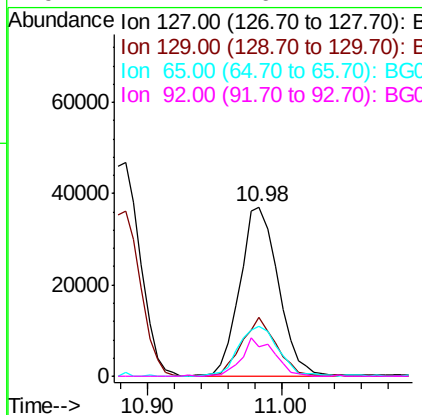
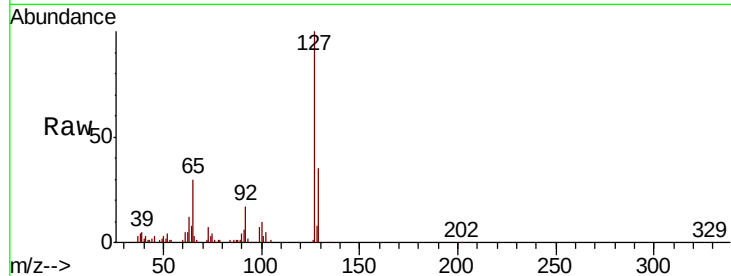
#33
4-Chloroaniline
Concen: 11.729 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Instrument :
BNA_G
ClientSampleId :
PB128298BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.7	25.7	38.5		
65	29.7	25.4	38.2		
92	17.4	16.1	24.1		

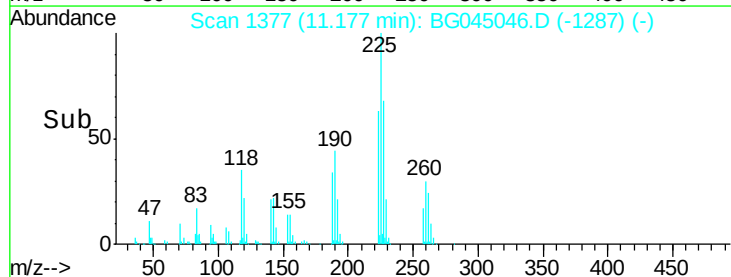
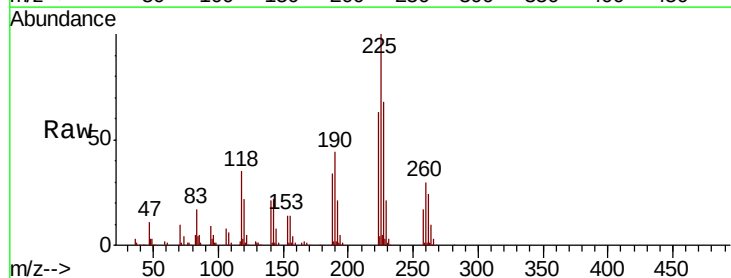
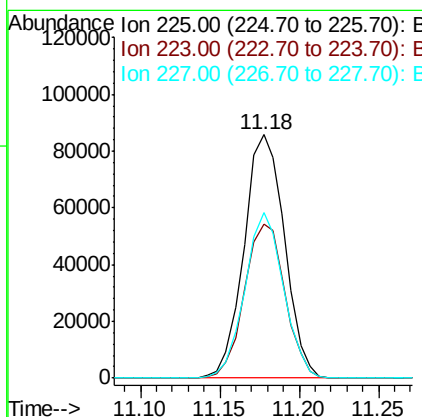
Manual Integrations
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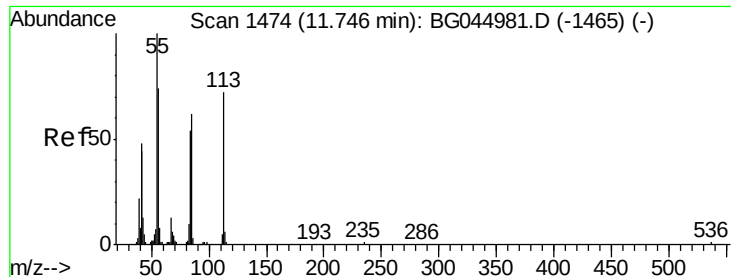
mohammad
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#34
Hexachlorobutadiene
Concen: 44.667 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	50.7	76.1		
227	68.1	50.2	75.2		





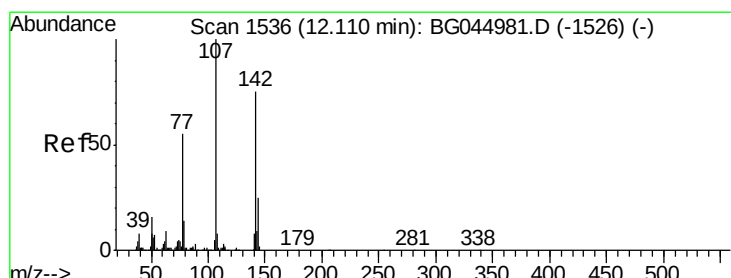
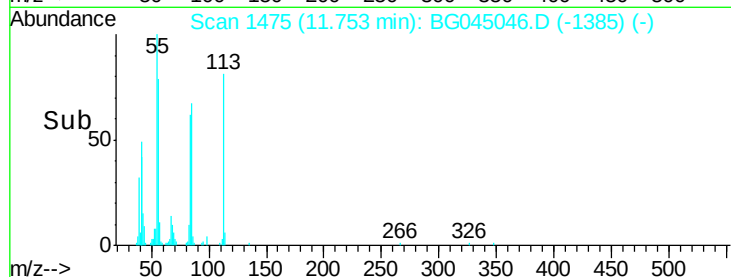
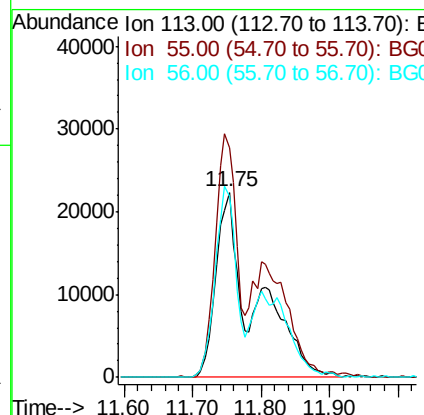
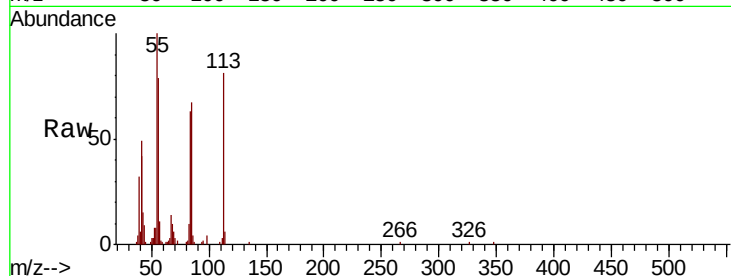
#35
Caprolactam
Concen: 49.112 ng/ml
RT: 11.75 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Instrument :
BNA_G
ClientSampleId :
PB128298BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	123.7	118.8	158.8
56	97.9	82.6	122.6

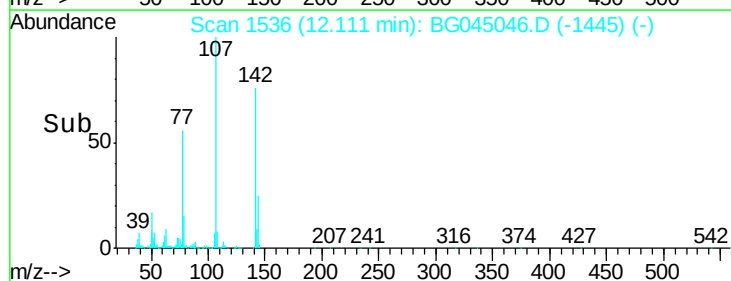
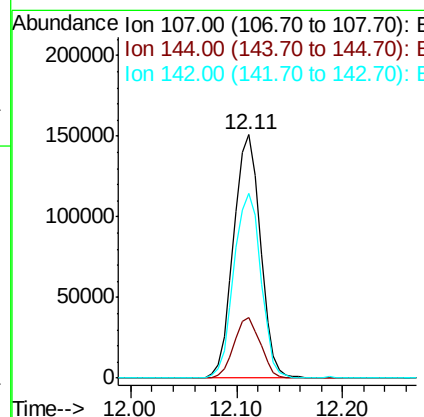
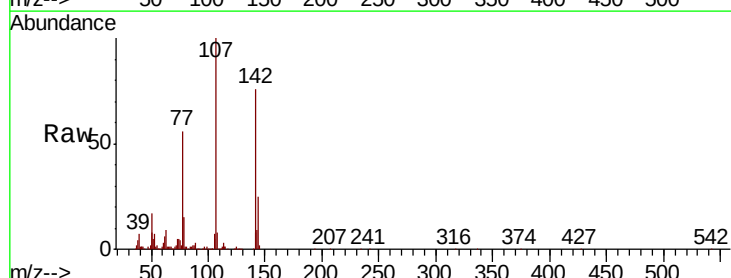
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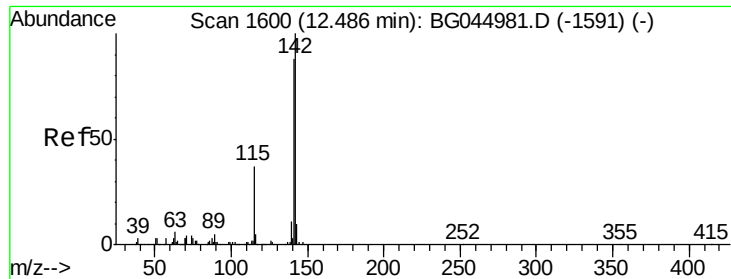
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 51.429 ng/ml
RT: 12.11 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	19.8	29.6
142	76.0	59.7	89.5





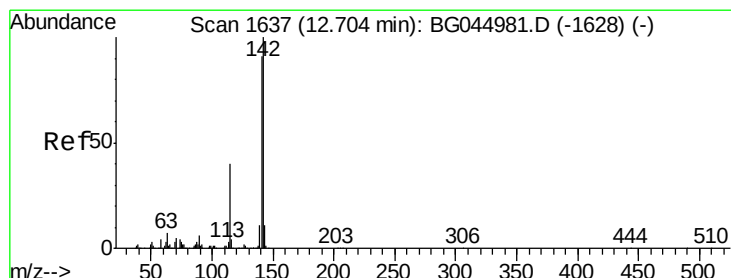
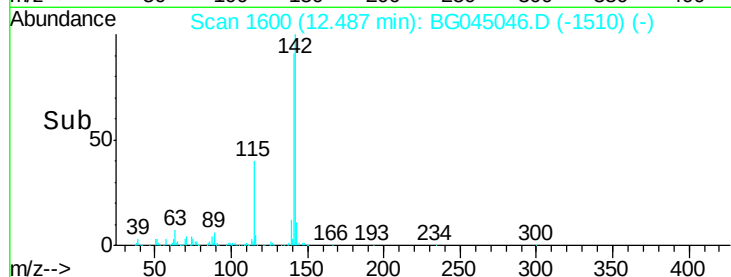
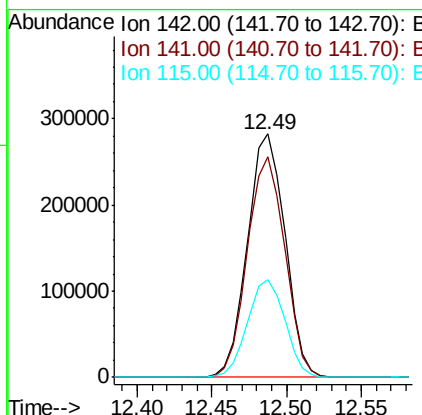
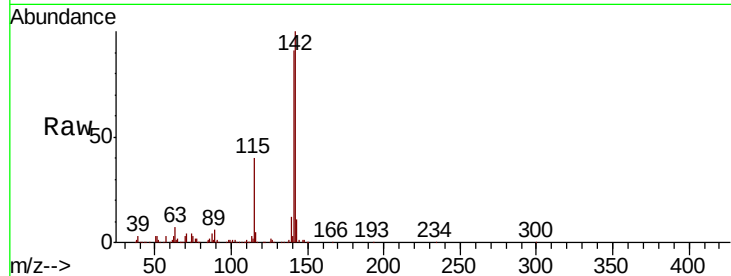
#37
2-Methylnaphthalene
Concen: 46.671 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Instrument :
BNA_G
ClientSampleId :
PB128298BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	70.3	105.5
115	40.0	29.8	44.6

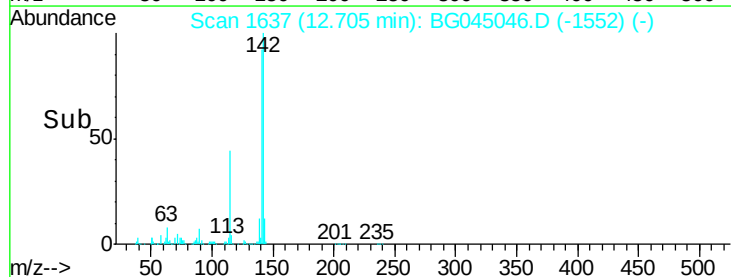
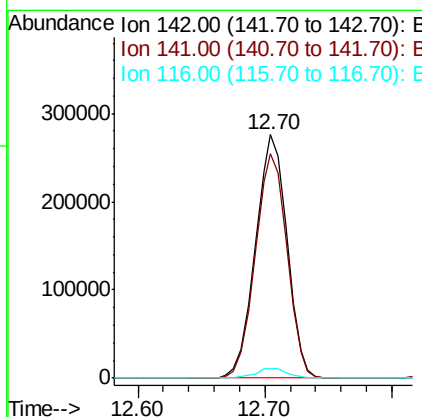
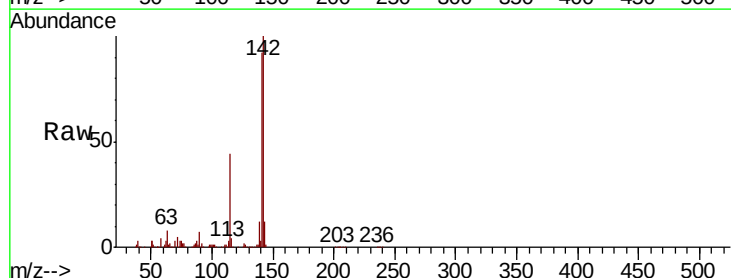
Manual Integrations
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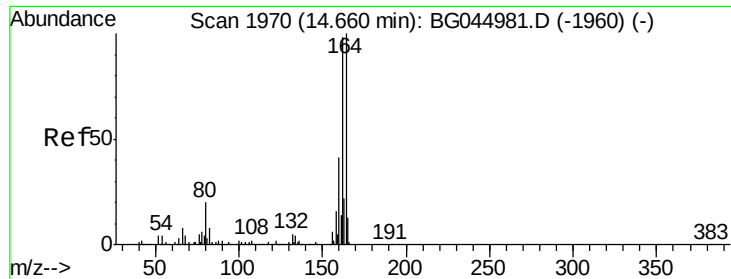
mohammad
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#38
1-Methylnaphthalene
Concen: 48.066 ng
RT: 12.70 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	72.7	109.1
116	4.1	3.1	4.7





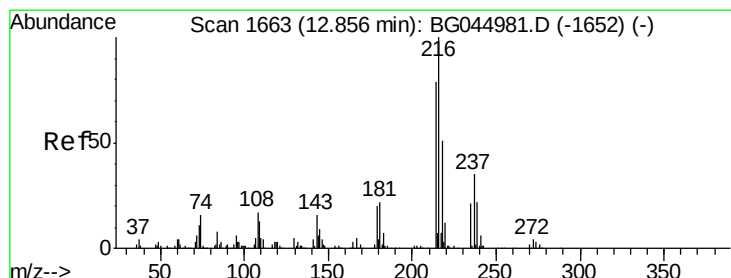
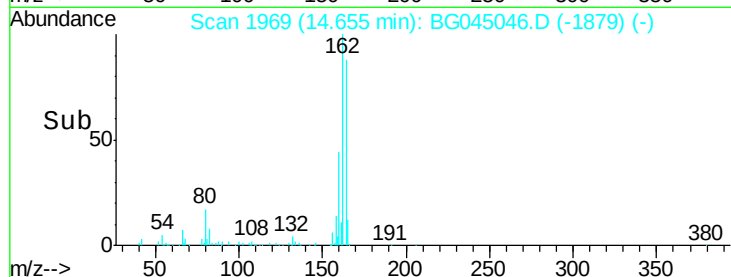
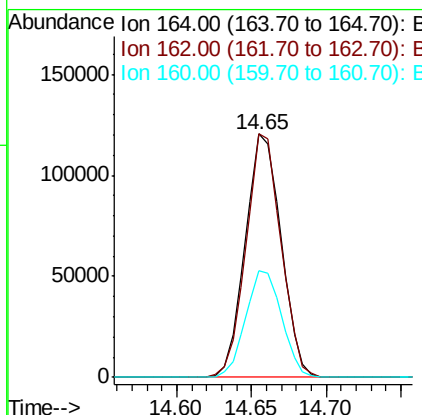
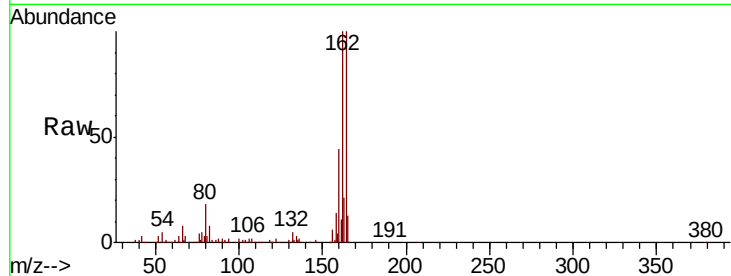
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Instrument :
BNA_G
ClientSampleId :
PB128298BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.9	78.7	118.1
160	43.7	32.8	49.2

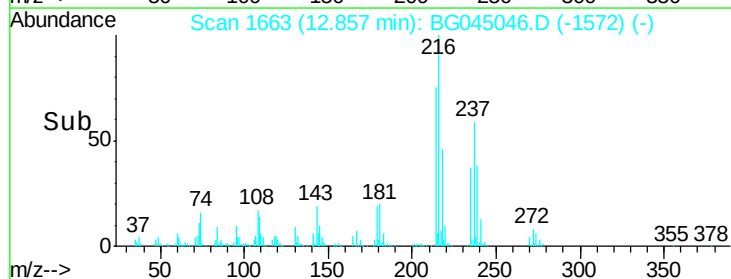
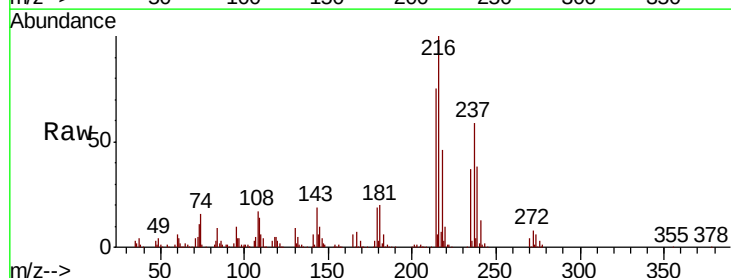
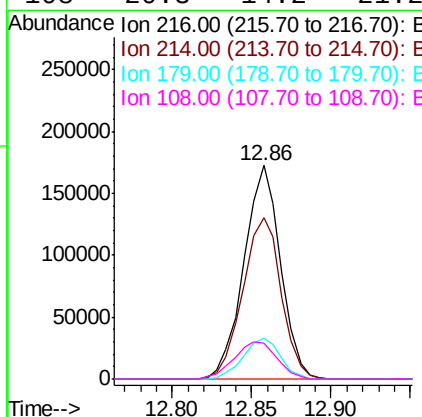
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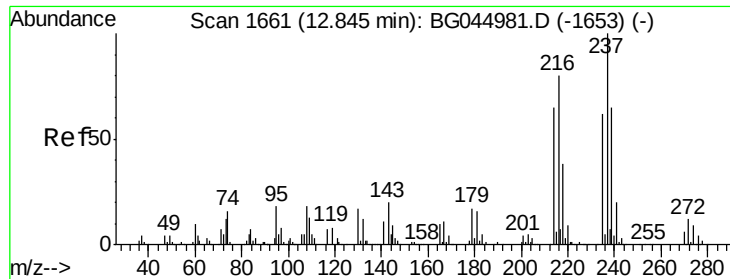
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.818 ng
RT: 12.86 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.6
179	19.7	15.8	23.8
108	20.3	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 100.928 ng

RT: 12.85 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

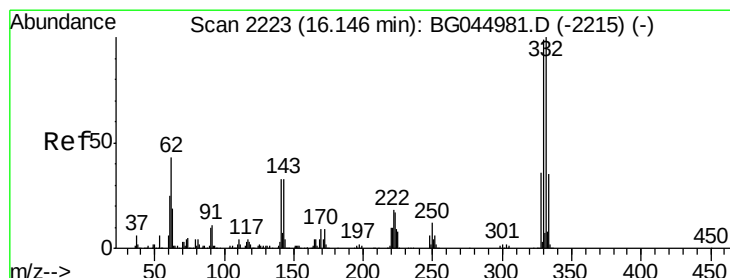
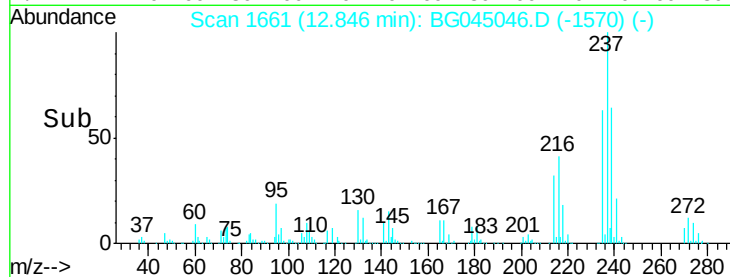
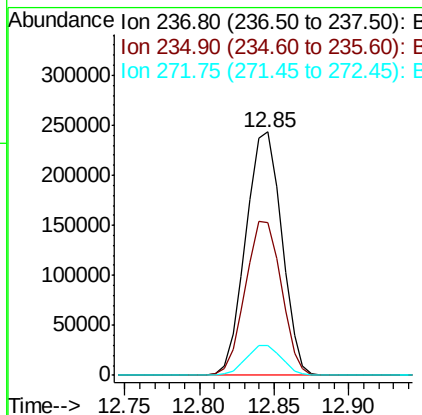
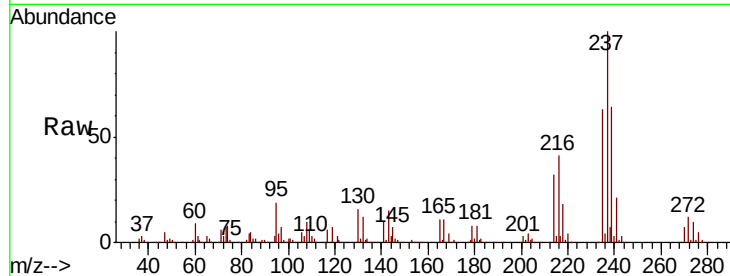
ClientSampleId :

PB128298BS

Tot Ion:	237	Resp:	405743
Ion Ratio	Lower	Upper	
237	100		
235	63.0	41.6	81.6
272	12.3	0.0	32.1

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 137.369 ng

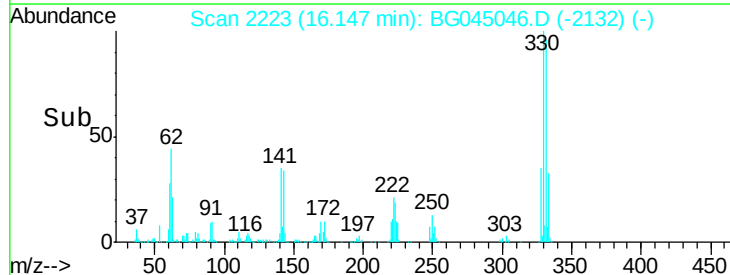
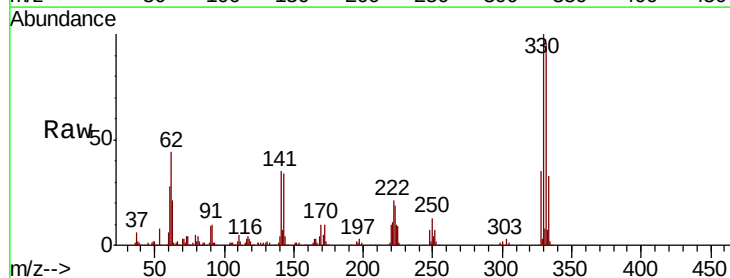
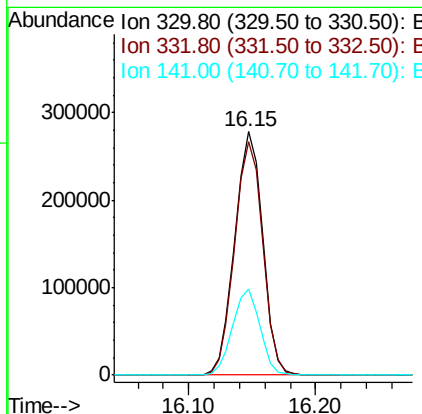
RT: 16.15 min Scan# 2223

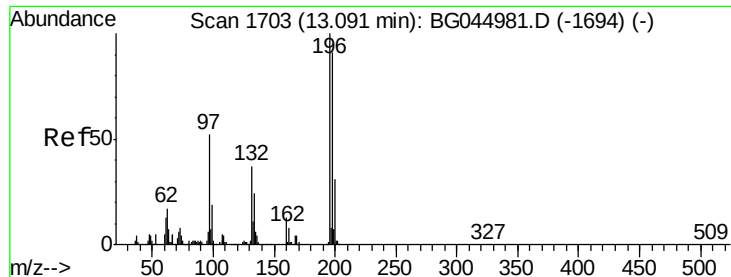
Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Tgt Ion:	330	Resp:	423945
Ion Ratio	Lower	Upper	
330	100		
332	96.5	79.1	118.7
141	34.8	27.1	40.7





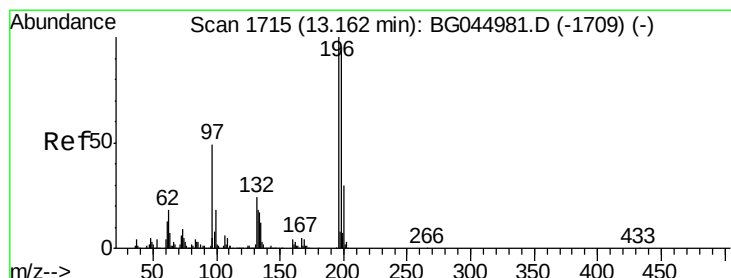
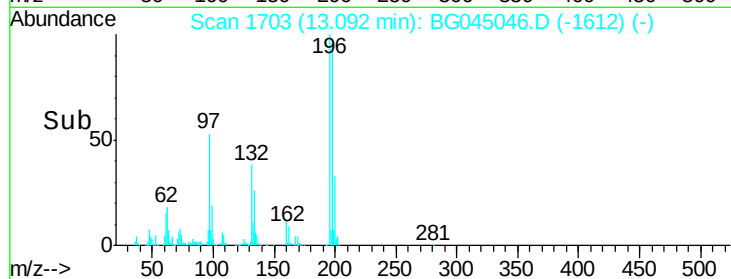
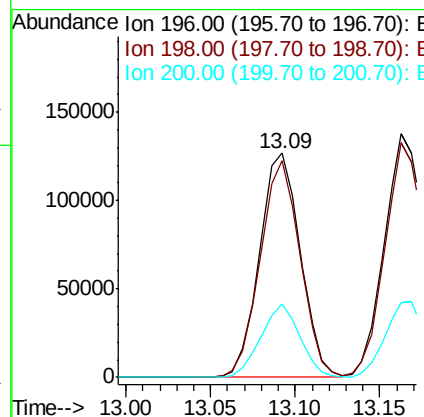
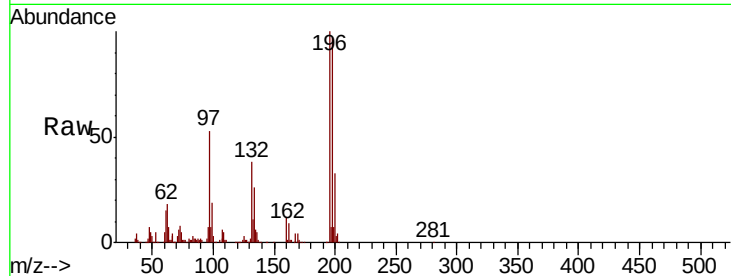
#43
2,4,6-Trichlorophenol
Concen: 46.791 ng
RT: 13.09 min Scan# 1703
Delta R.T. 0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Instrument :
BNA_G
ClientSampleId :
PB128298BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	212409		
198	96.8	72.5	108.7	
200	32.8	24.5	36.7	

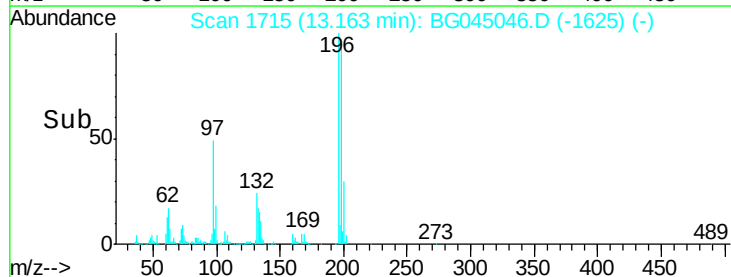
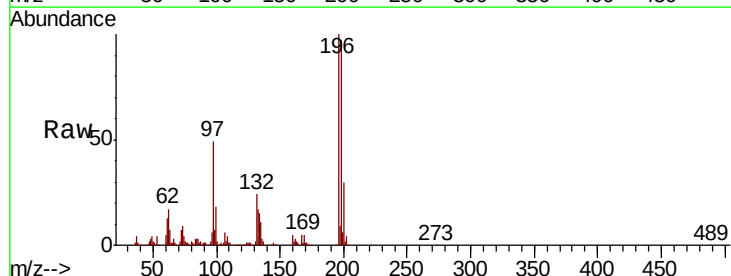
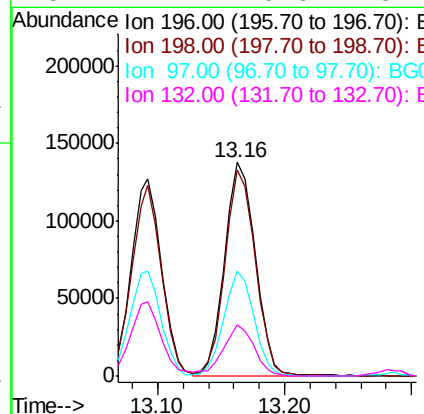
Manual Integrations
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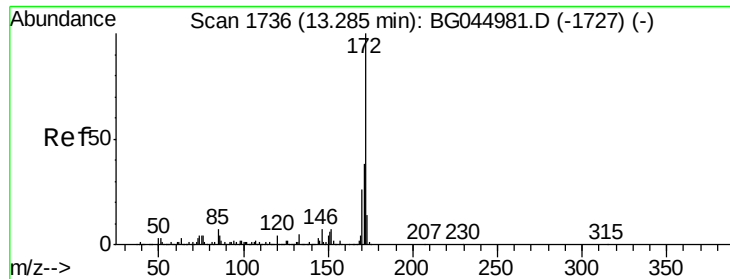
mohammad
4/20/2020 2:28:11 PM



#44
2,4,5-Trichlorophenol
Concen: 44.691 ng
RT: 13.16 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	230924		
198	96.6	75.7	113.5	
97	49.2	39.6	59.4	
132	24.2	19.6	29.4	





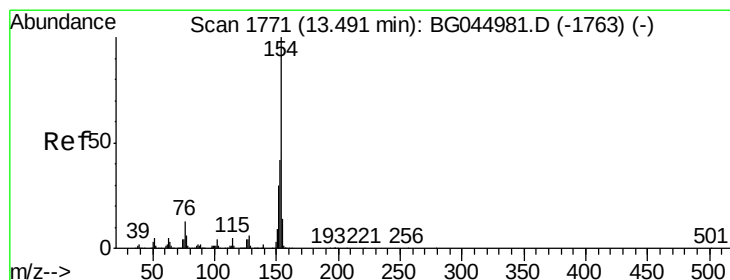
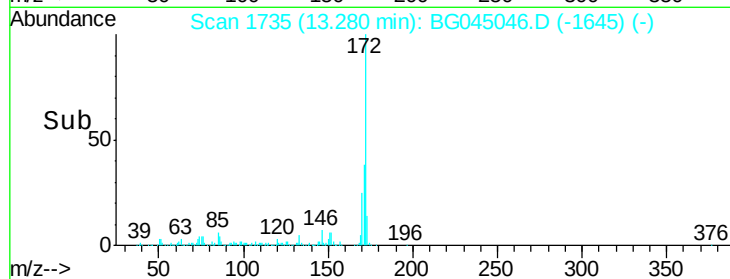
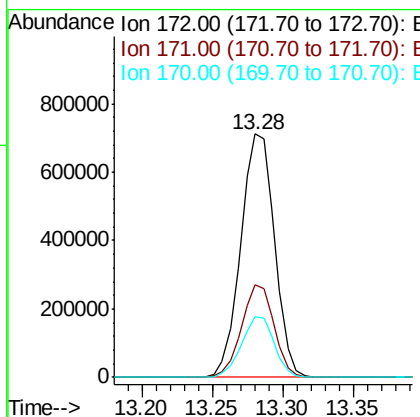
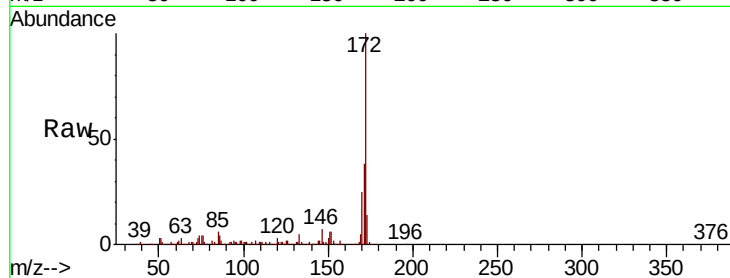
#45
2-Fluorobiphenyl
Concen: 87.274 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Instrument :
BNA_G
ClientSampleId :
PB128298BS

Tot Ion:172 Resp: 1189013
Ion Ratio Lower Upper
172 100
171 37.8 30.6 46.0
170 24.7 20.5 30.7

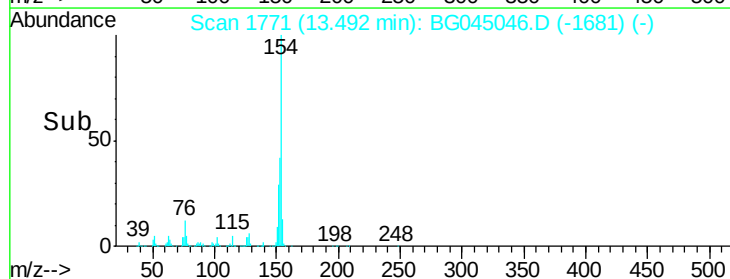
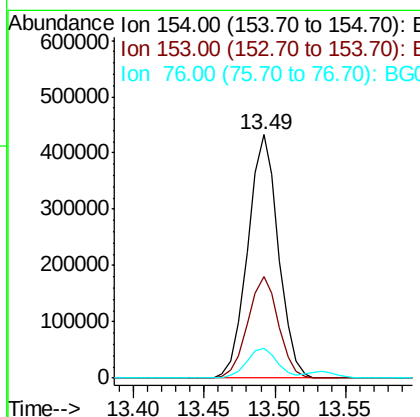
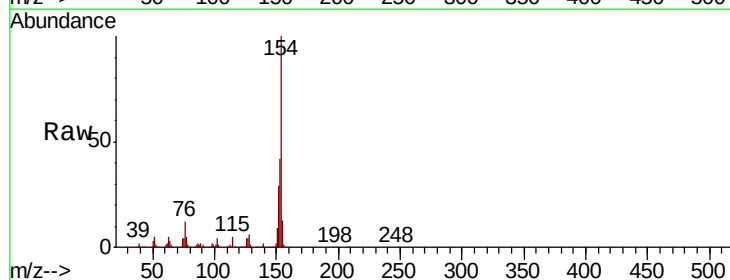
Manual Integrations
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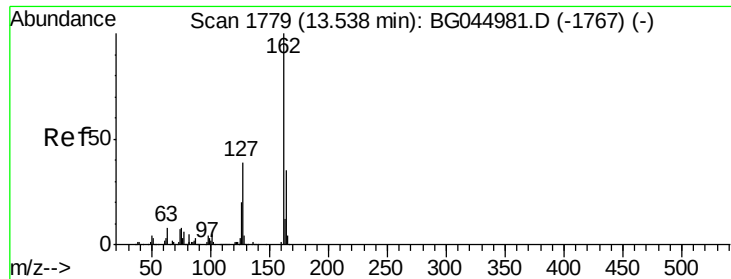
mohammad
4/20/2020 2:28:11 PM



#46
1,1'-Biphenyl
Concen: 43.171 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tgt Ion:154 Resp: 655506
Ion Ratio Lower Upper
154 100
153 41.6 21.9 61.9
76 12.1 0.0 33.1





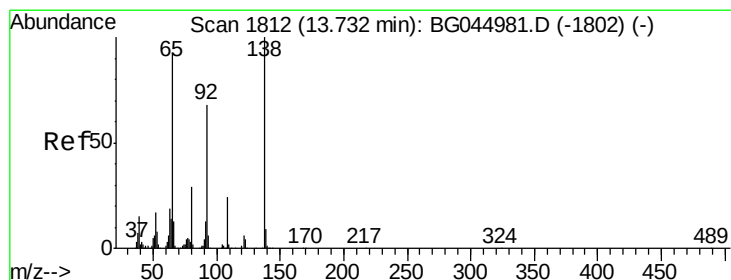
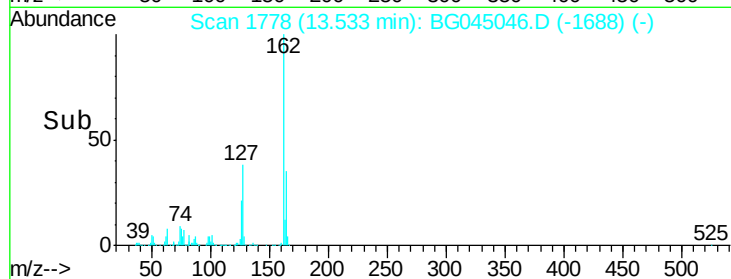
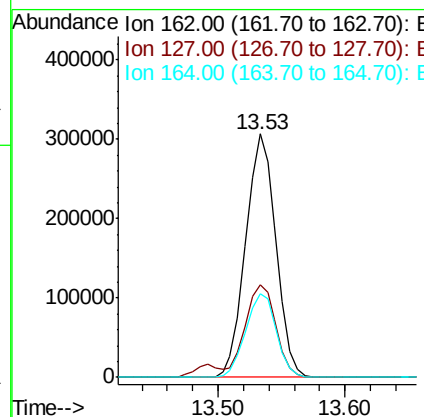
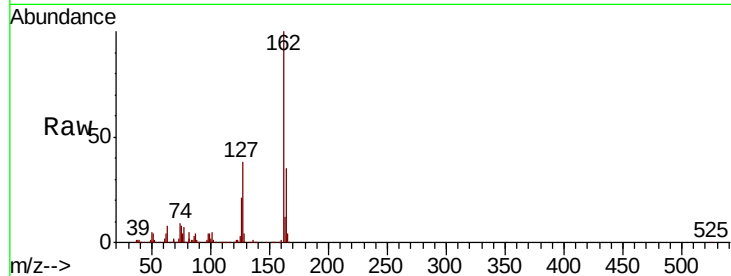
#47
 2-Chloronaphthalene
 Concen: 43.714 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

Instrument :
 BNA_G
 ClientSampleId :
 PB128298BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	31.3	46.9
164	34.6	27.8	41.8

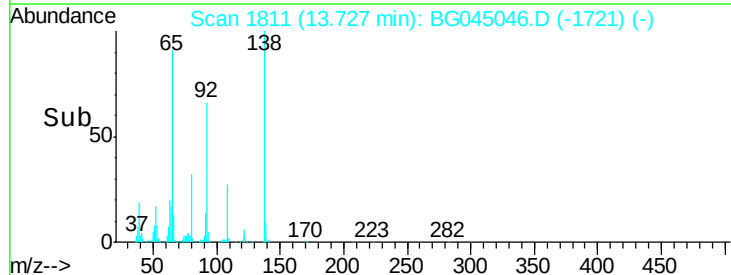
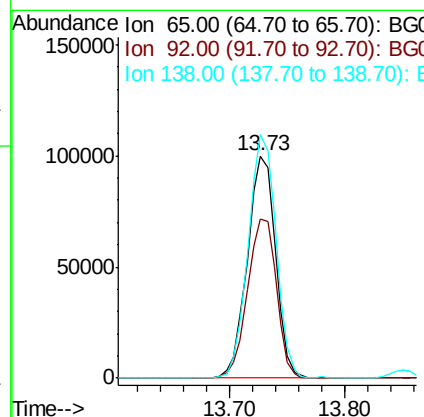
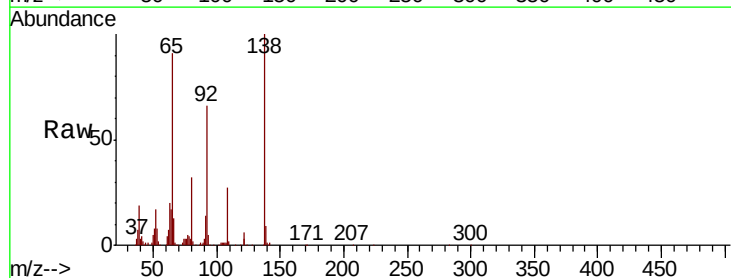
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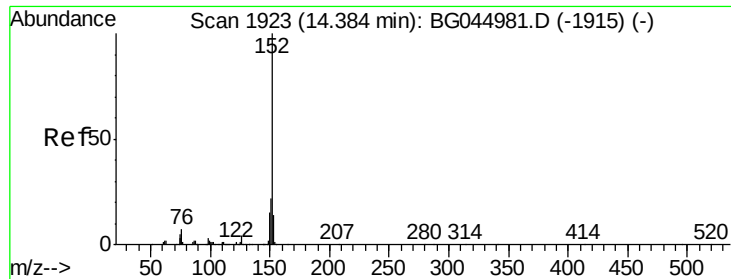
mohammad
 4/20/2020 2:28:11 PM



#48
 2-Nitroaniline
 Concen: 44.439 ng
 RT: 13.73 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.9	58.3	87.5
138	109.5	85.6	128.4





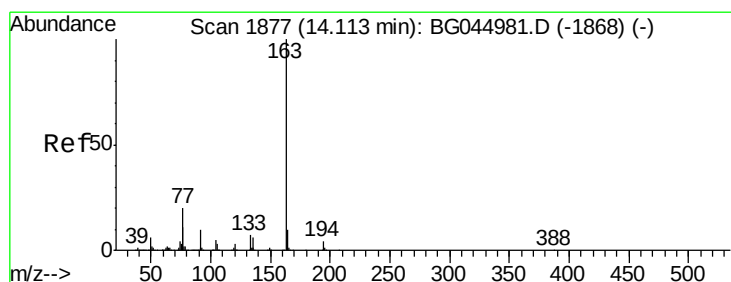
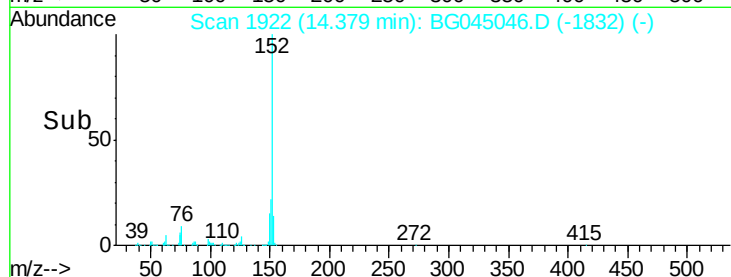
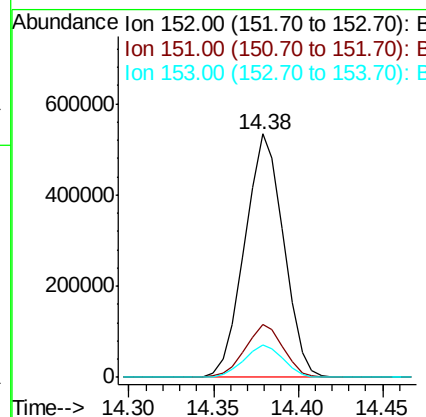
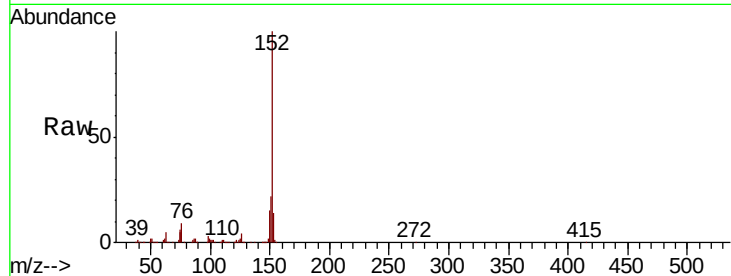
#49
Acenaphthylene
Concen: 45.136 ng
RT: 14.38 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Instrument :
BNA_G
ClientSampleId :
PB128298BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.2	25.8
153	13.5	11.0	16.4

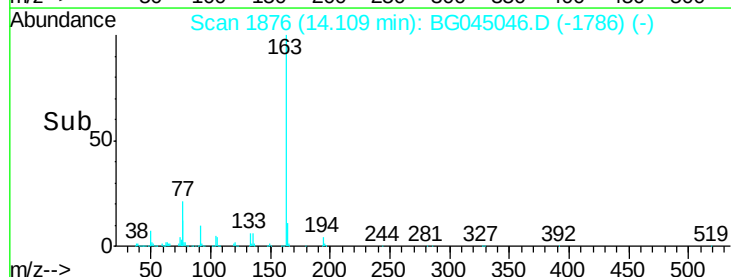
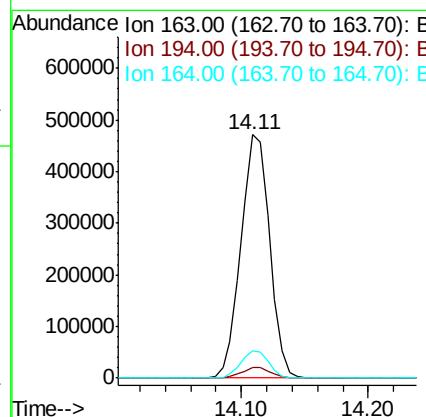
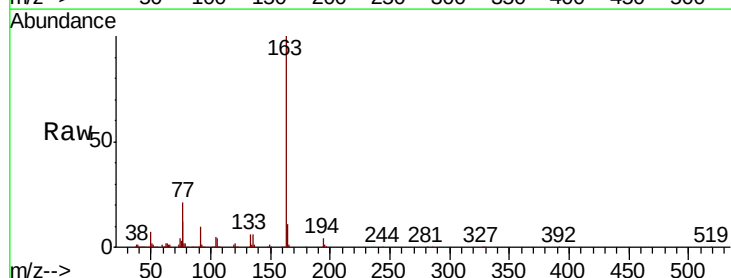
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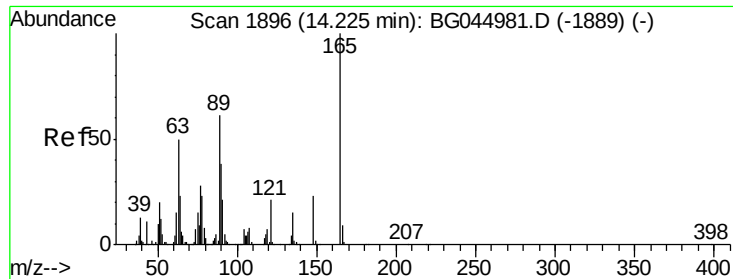
mohammad
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#50
Dimethylphthalate
Concen: 45.306 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	11.1	8.2	12.4





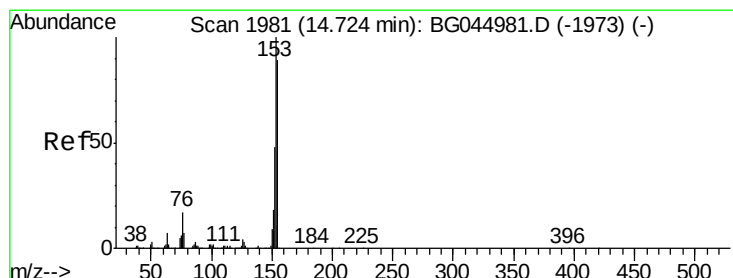
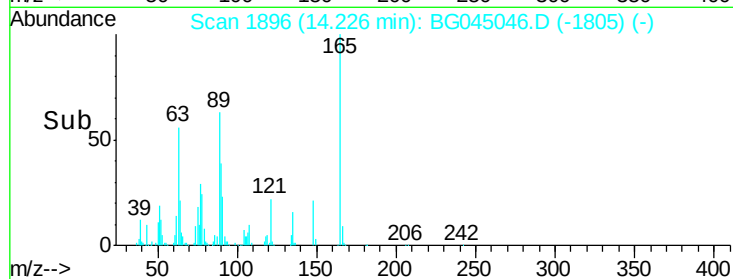
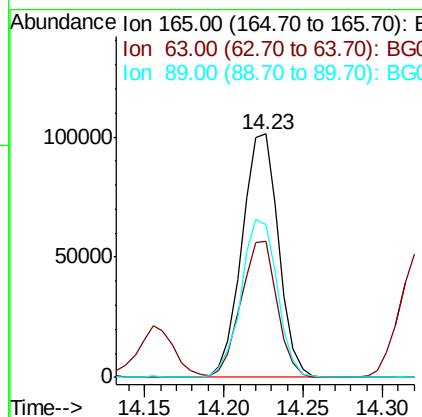
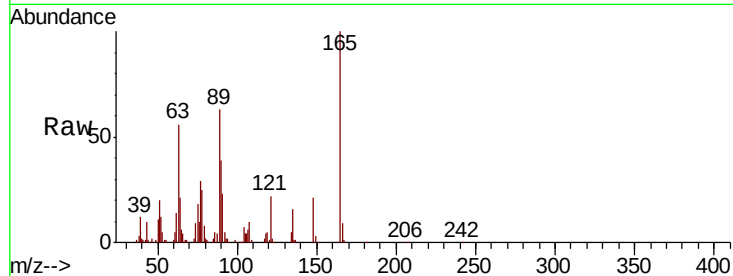
#51
 2,6-Dinitrotoluene
 Concen: 44.480 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

Instrument :
 BNA_G
 ClientSampleId :
 PB128298BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	161832		
63	55.7	40.4	60.6	
89	62.8	49.1	73.7	

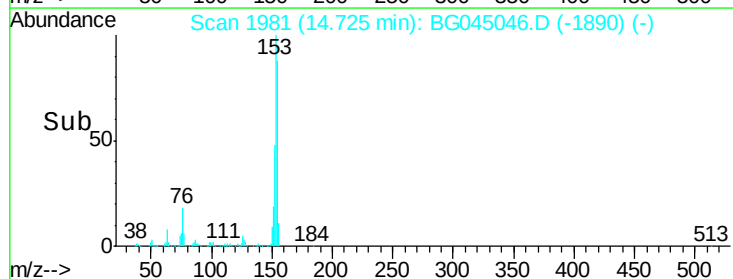
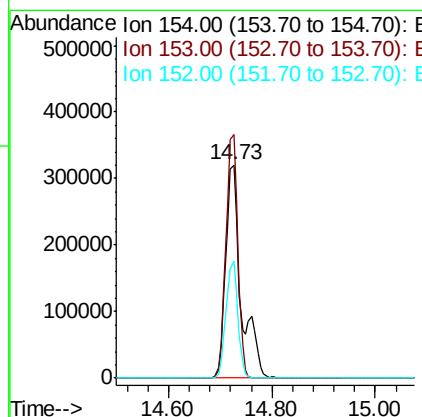
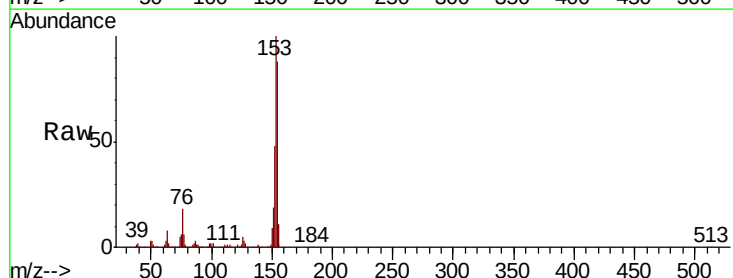
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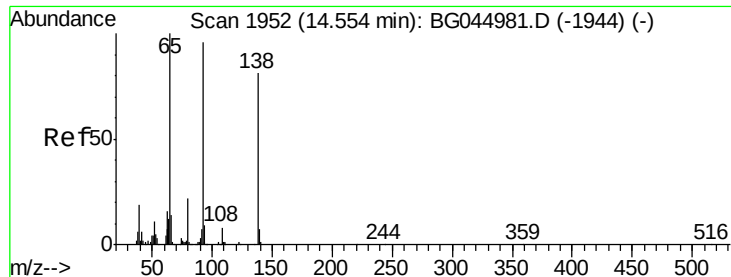
mohammad
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#52
 Acenaphthene
 Concen: 52.058 ng m
 RT: 14.73 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	665633		
153	114.3	89.7	134.5	
152	54.8	43.1	64.7	





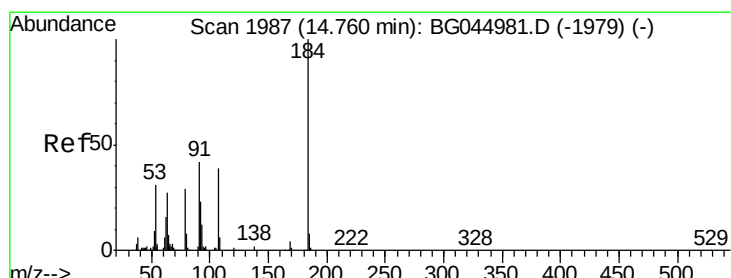
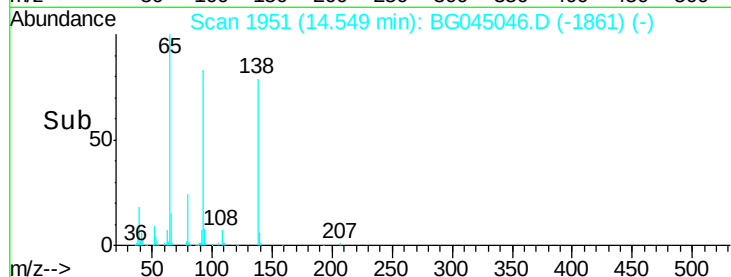
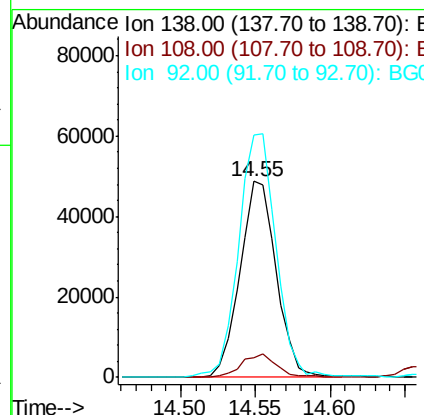
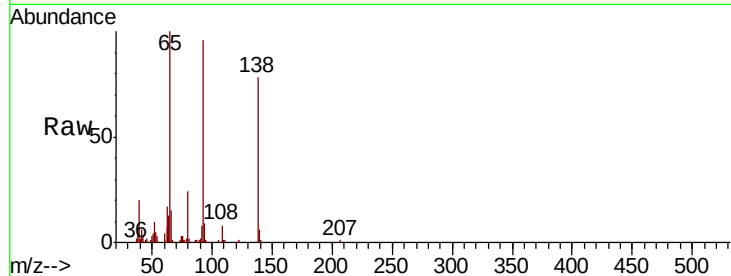
#53
3-Nitroaniline
Concen: 20.518 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Instrument :
BNA_G
ClientSampleId :
PB128298BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.8	11.8
92	123.5	94.5	141.7

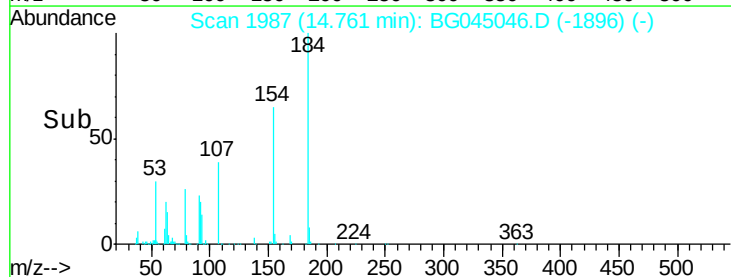
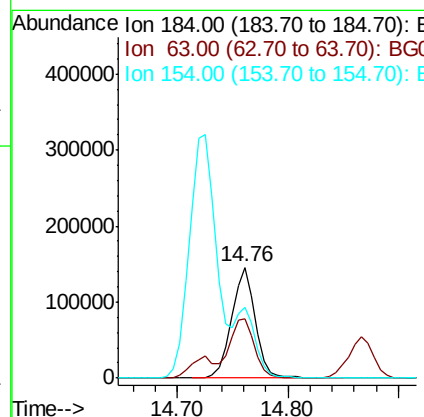
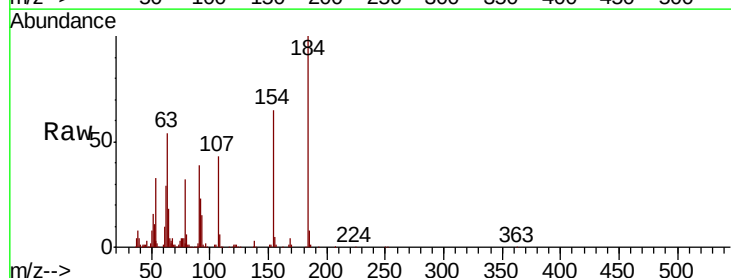
Manual Integrations
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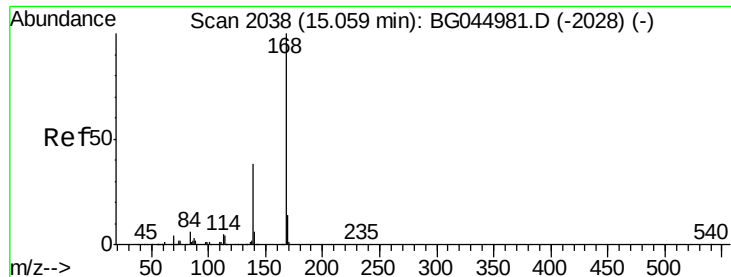
mohammad
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#54
2,4-Dinitrophenol
Concen: 101.113 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.2	41.5	62.3
154	64.5	52.3	78.5





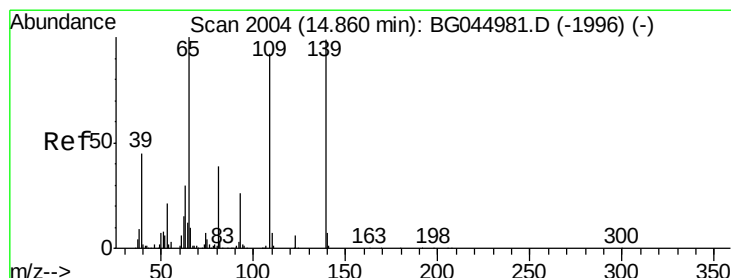
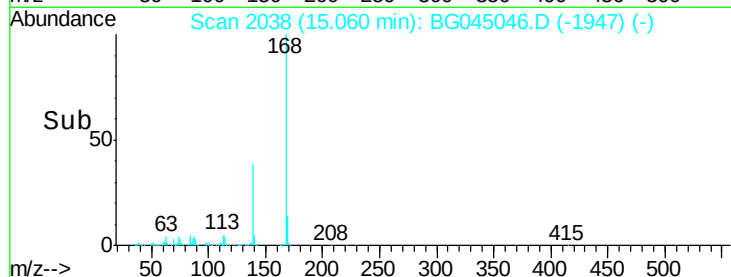
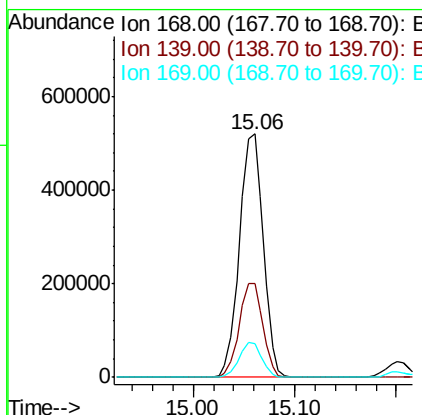
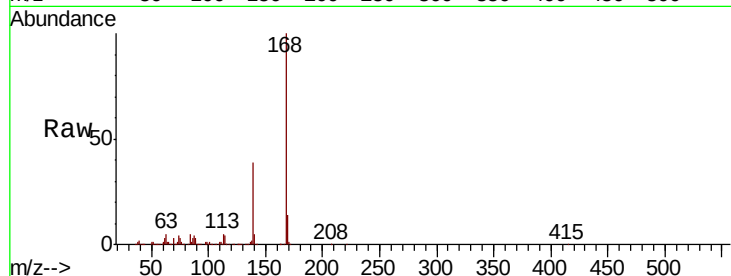
#55
Dibenzenofuran
Concen: 45.362 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Instrument :
BNA_G
ClientSampleId :
PB128298BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.4	45.6
169	13.7	11.0	16.4

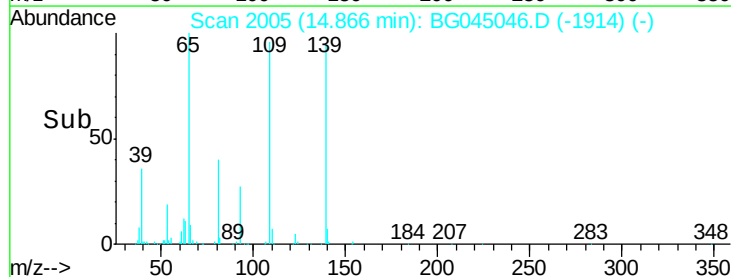
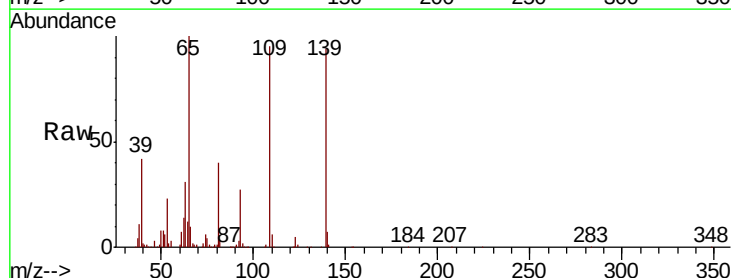
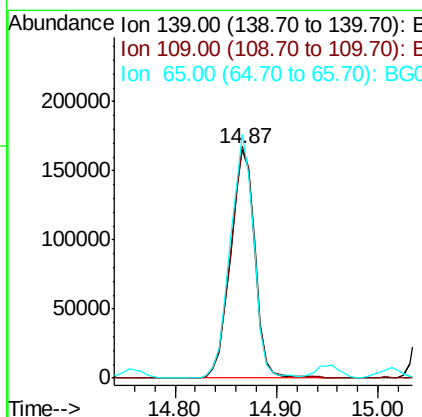
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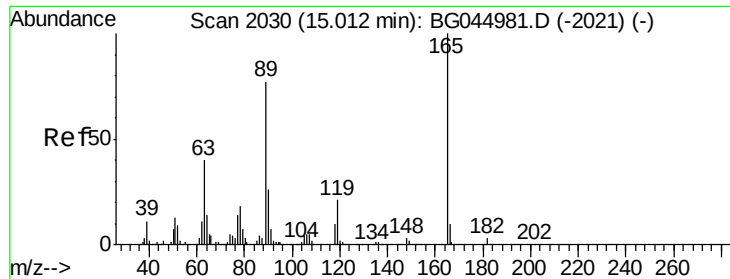
mohammad
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#56
4-Nitrophenol
Concen: 89.349 ng
RT: 14.87 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	101.4	73.6	113.6
65	106.4	81.2	121.2





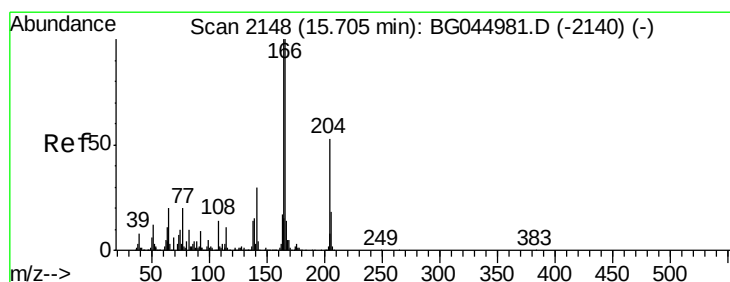
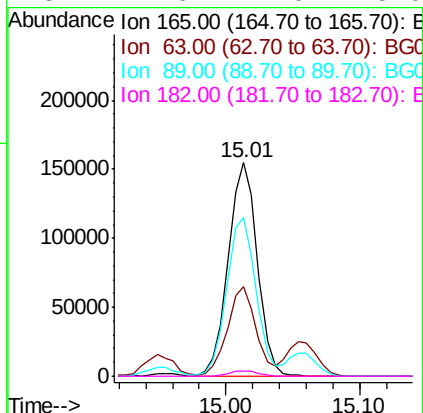
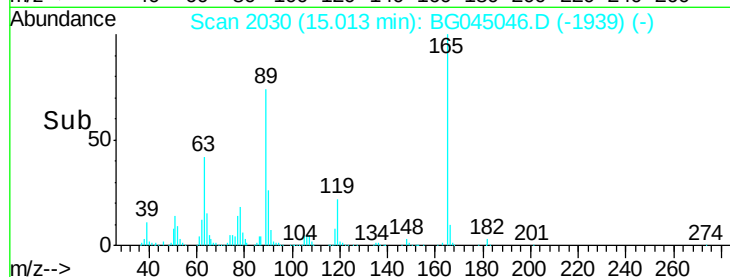
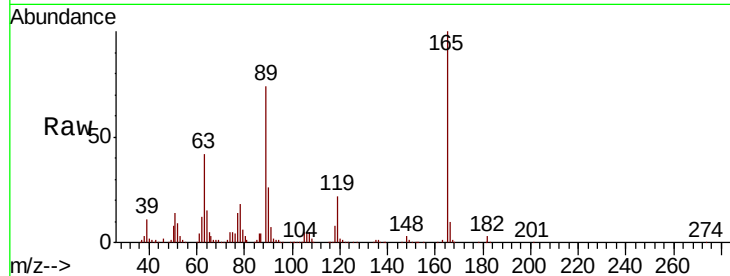
#57
2,4-Dinitrotoluene
Concen: 44.306 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Instrument :
BNA_G
ClientSampleId :
PB128298BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		235572		
63	42.2	32.2	48.2		
89	74.4	61.7	92.5		
182	2.6	2.0	3.0		

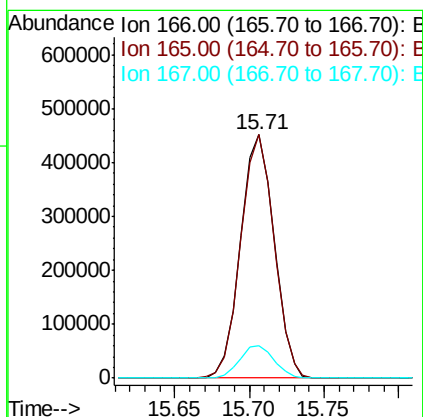
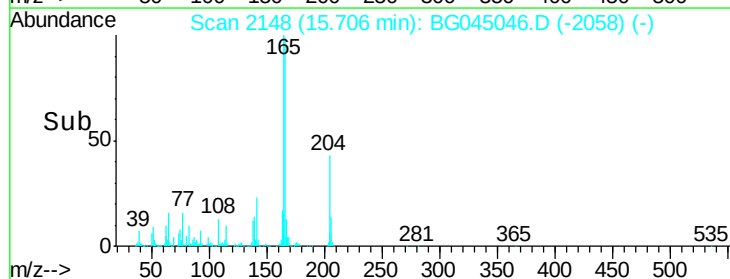
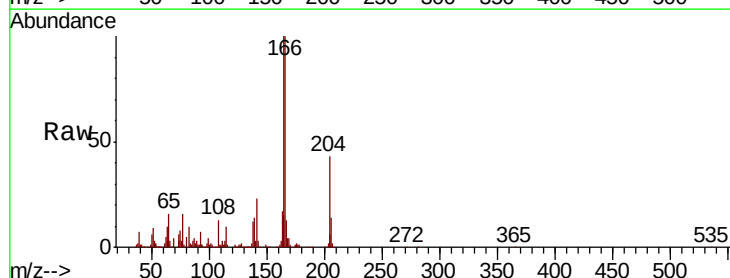
Manual Integrations
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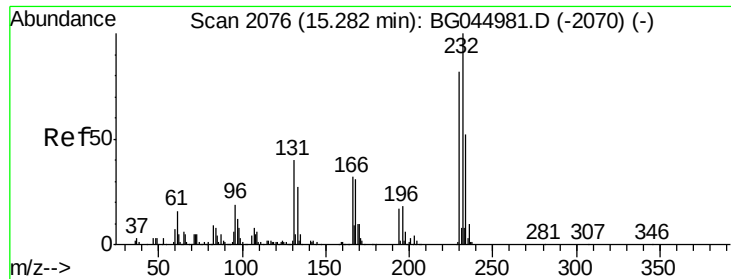
mohammad
4/20/2020 2:28:11 PM



#58
Fluorene
Concen: 46.258 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		704361		
165	100.0	79.9	119.9		
167	13.3	11.4	17.0		





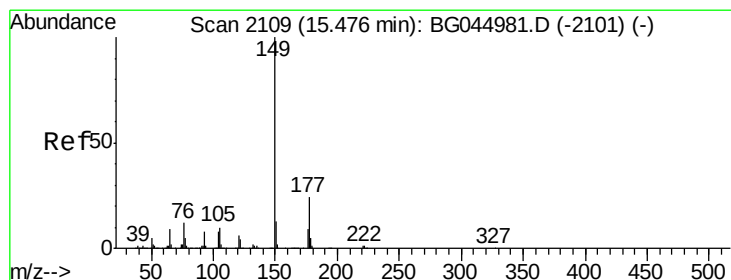
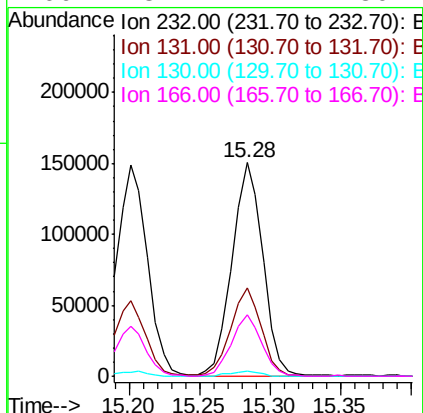
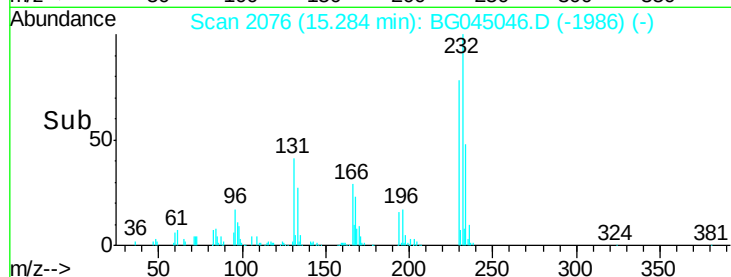
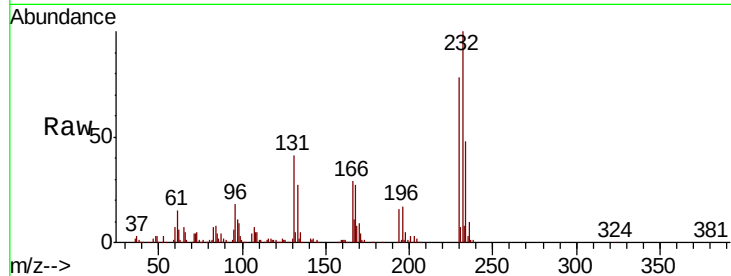
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.121 ng
RT: 15.28 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Instrument :
BNA_G
ClientSampleId :
PB128298BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	230439		
131	40.5		32.2	48.2
130	2.3		2.2	3.2
166	28.1		24.2	36.4

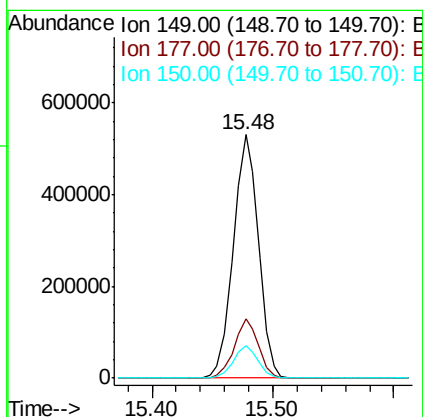
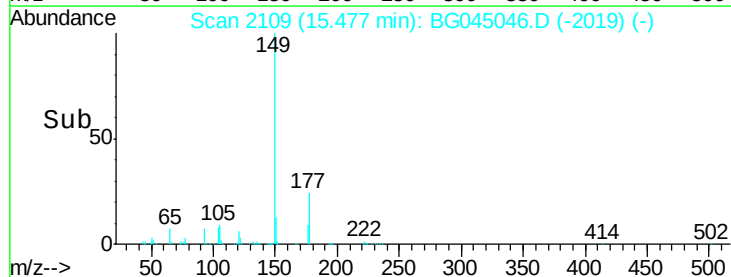
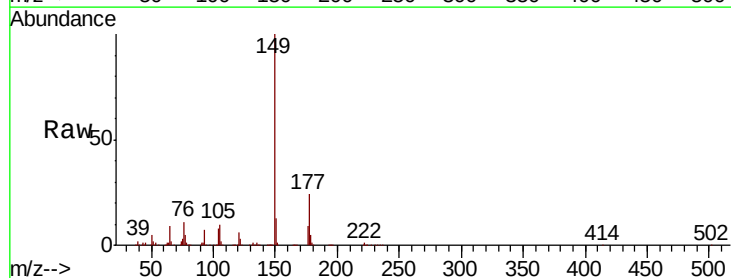
Manual Integrations
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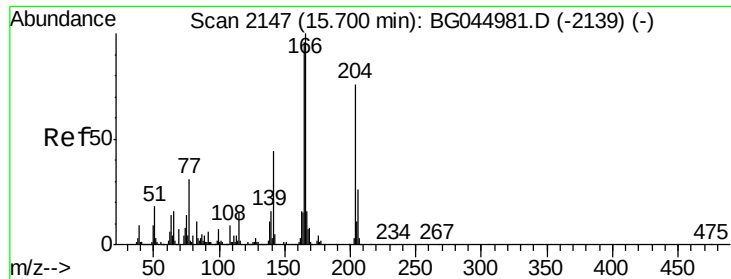
mohammad
4/20/2020 2:28:11 PM



#60
Diethylphthalate
Concen: 45.270 ng
RT: 15.48 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	767732		
177	24.2		18.9	28.3
150	13.1		10.6	15.8





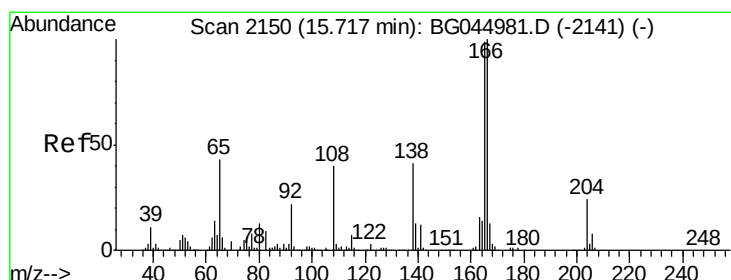
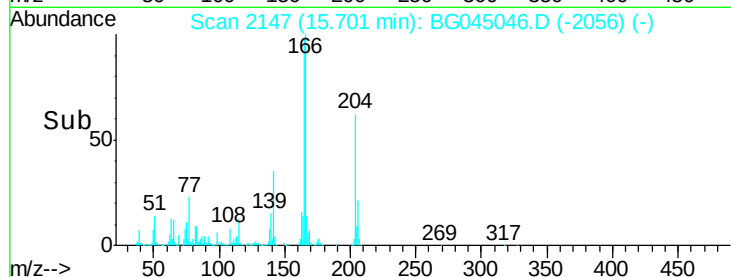
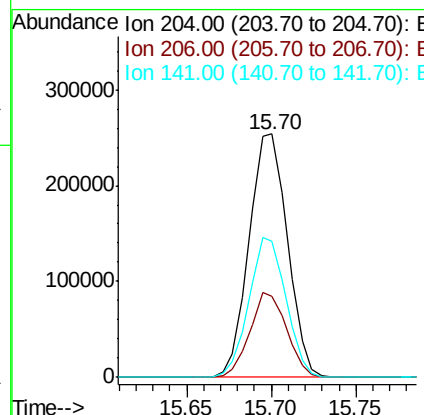
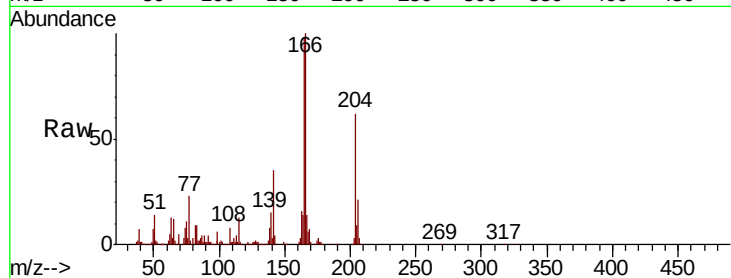
#61
4-Chlorophenyl-phenylether
Concen: 45.770 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Instrument :
BNA_G
ClientSampleId :
PB128298BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.6	26.9	40.3	
141	55.9	46.3	69.5	

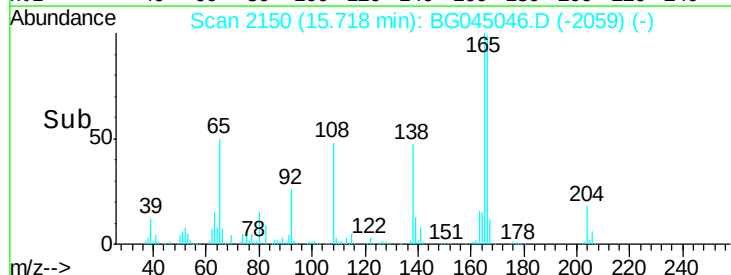
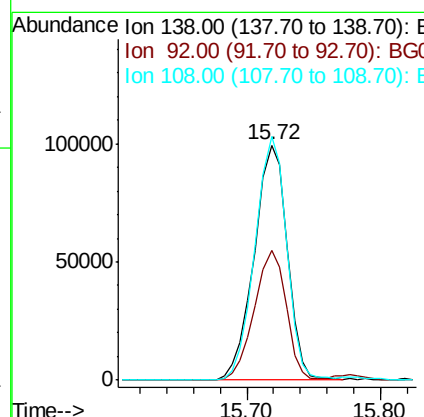
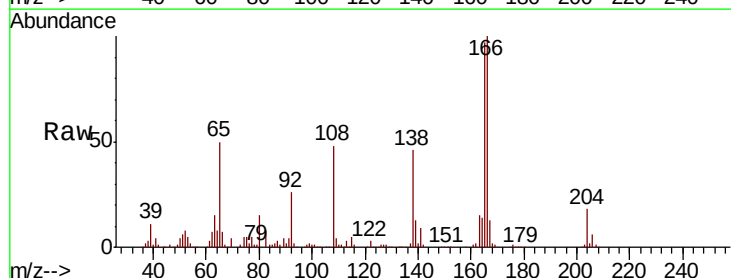
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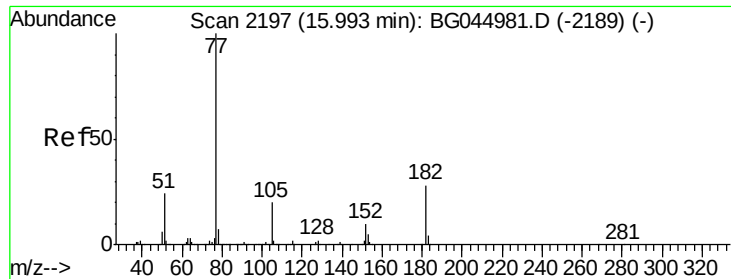
mohammad
4/20/2020 2:28:11 PM



#62
4-Nitroaniline
Concen: 41.183 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	55.5	33.6	73.6	
108	103.7	78.2	118.2	





#63

Azobenzene

Concen: 46.055 ng

RT: 15.99 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

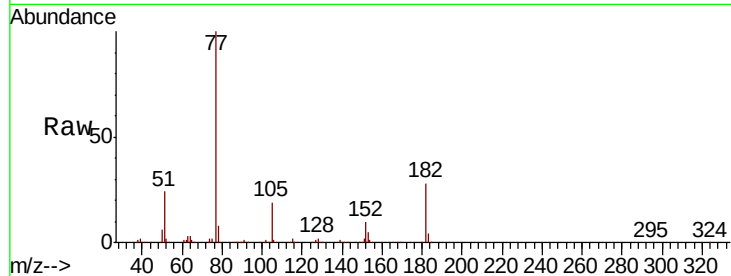
ClientSampleId :

PB128298BS

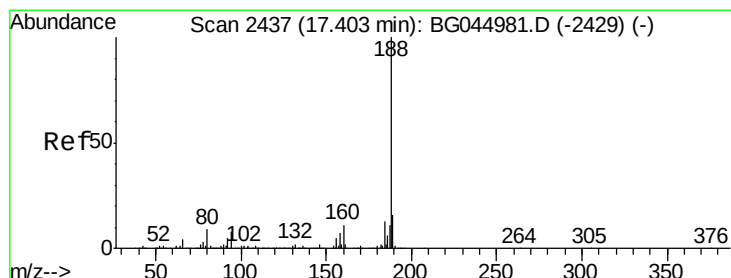
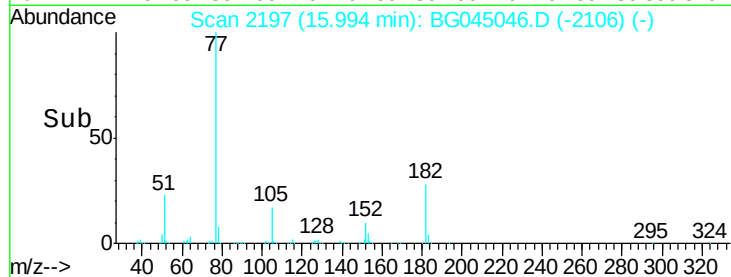
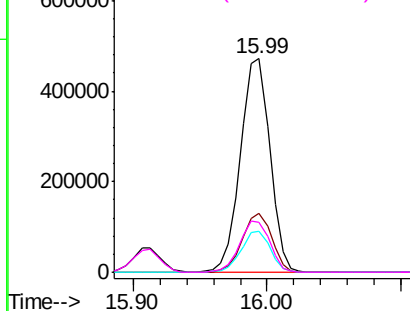
Tot Ion	Ratio	Resp	Lower	Upper
77	100	720110		
182	27.8	8.4	48.4	
105	19.3	0.5	40.5	
51	23.7	4.4	44.4	

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



#64

Phenanthrene-d10

Concen: 20.000 ng

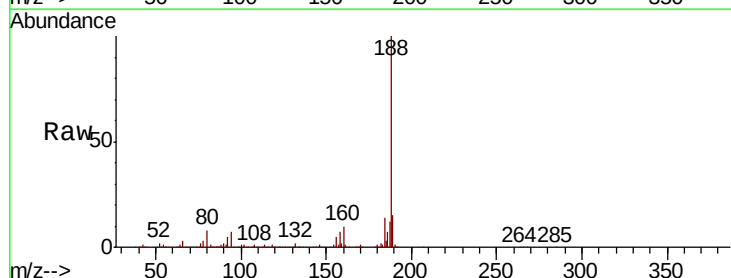
RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

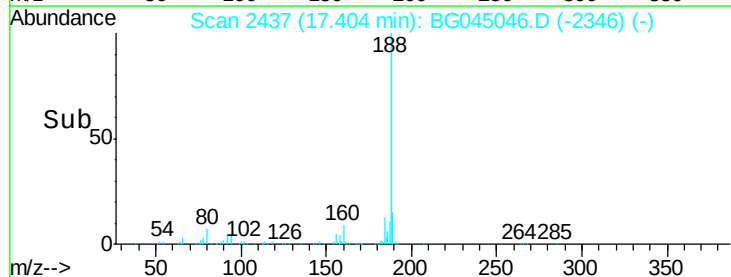
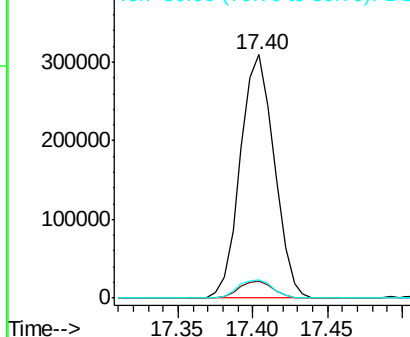
Lab File: BG045046.D

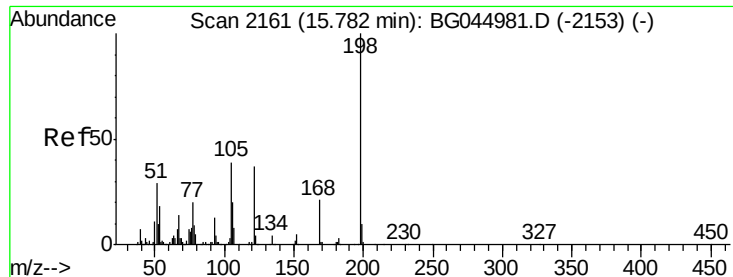
Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	486721		
94	7.1	6.2	9.4	
80	7.5	7.0	10.6	



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





#65

4,6-Dinitro-2-methylphenol

Concen: 49.421 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

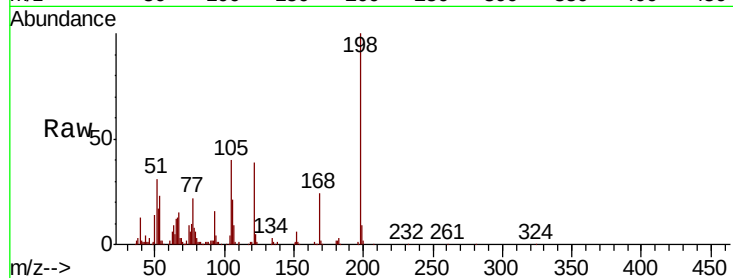
ClientSampleId :

PB128298BS

Tot Ion:	198	Resp:	158108
Ion Ratio	Lower	Upper	
198	100		
51	31.2	10.0	50.0
105	39.8	18.9	58.9

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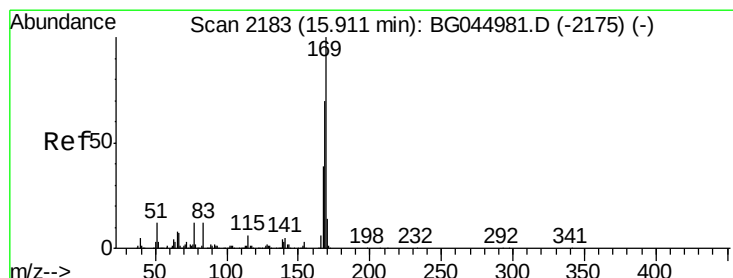
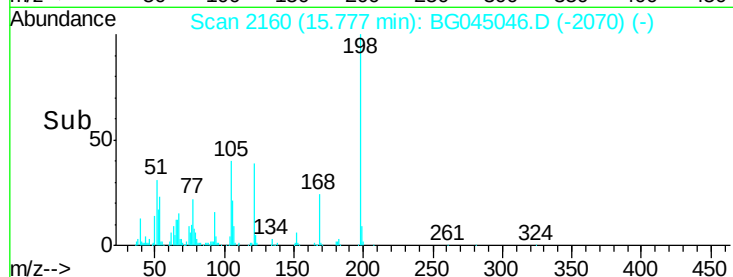
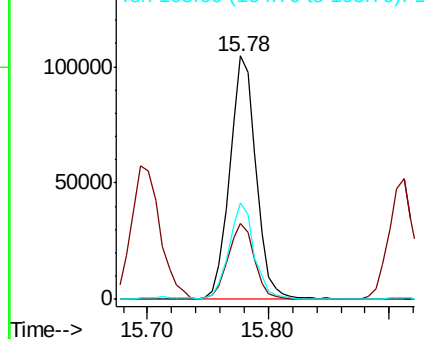
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.654 ng

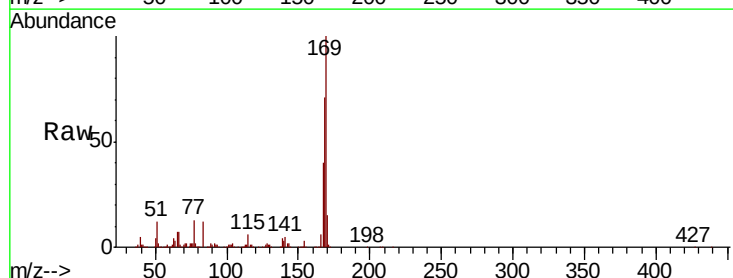
RT: 15.91 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

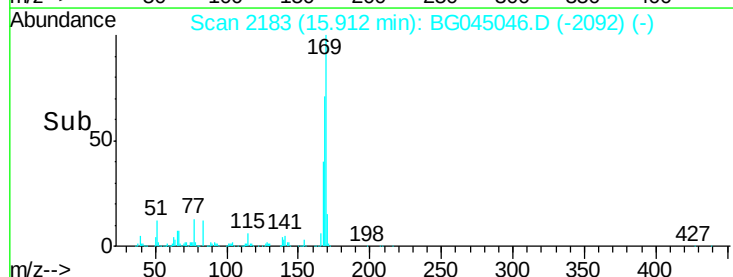
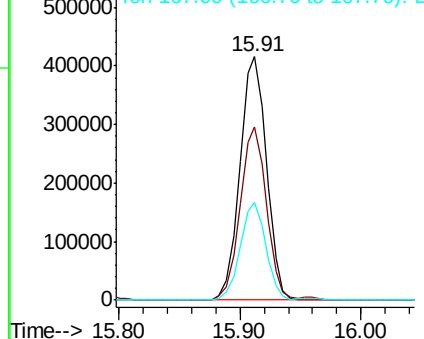
Tgt Ion:	169	Resp:	638447
Ion Ratio	Lower	Upper	
169	100		
168	70.9	55.8	83.8
167	39.9	30.8	46.2

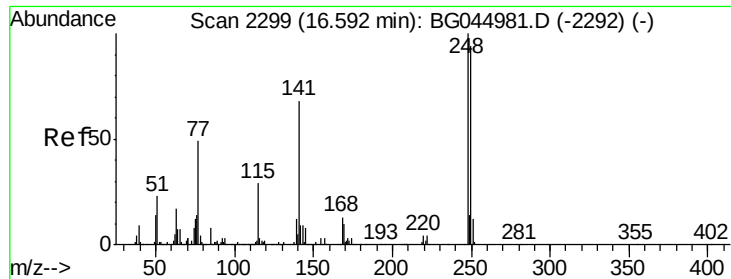


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





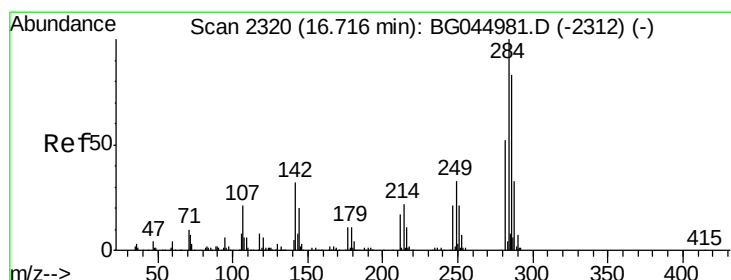
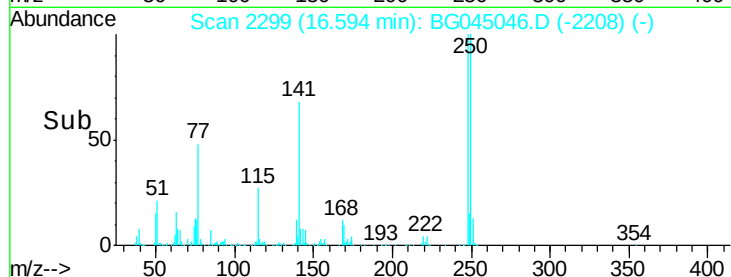
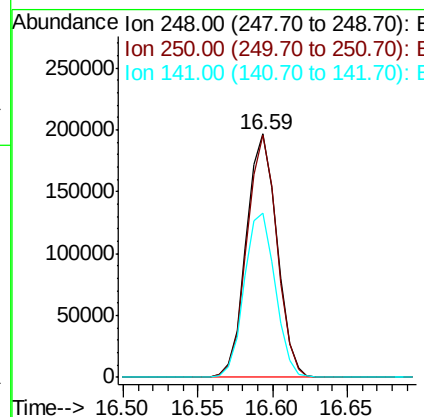
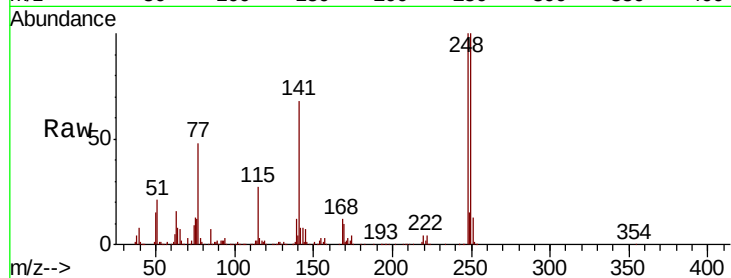
#67
4-Bromophenyl-phenylether
Concen: 44.482 ng
RT: 16.59 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Instrument :
BNA_G
ClientSampled :
PB128298BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.7	75.4	113.2
141	67.6	54.4	81.6

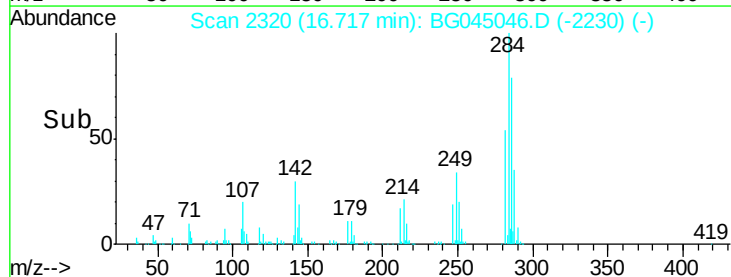
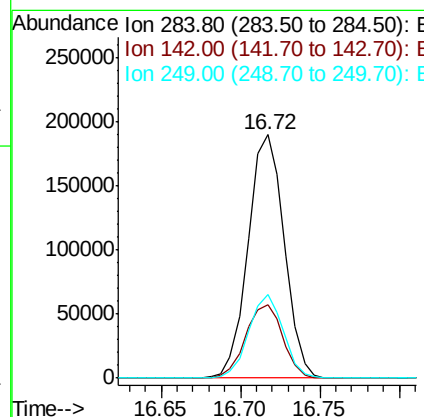
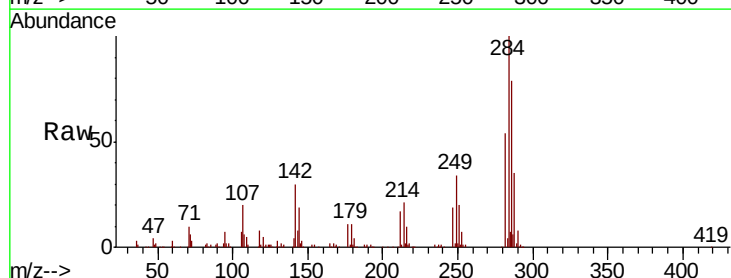
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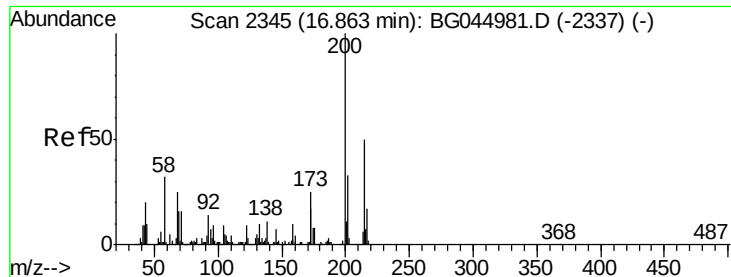
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#68
Hexachlorobenzene
Concen: 46.074 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	25.8	38.6
249	34.2	26.6	39.8





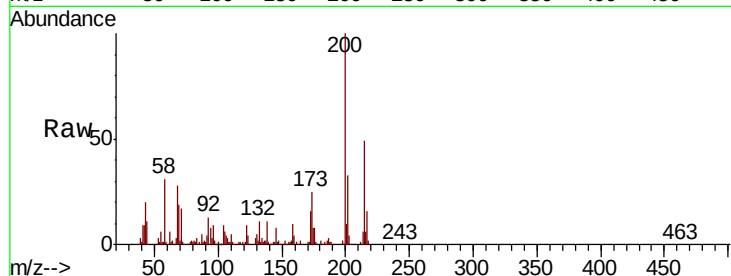
#69
Atrazine
Concen: 52.347 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Instrument :
BNA_G
ClientSampleId :
PB128298BS

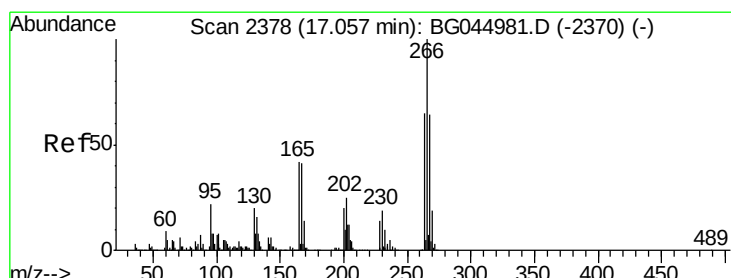
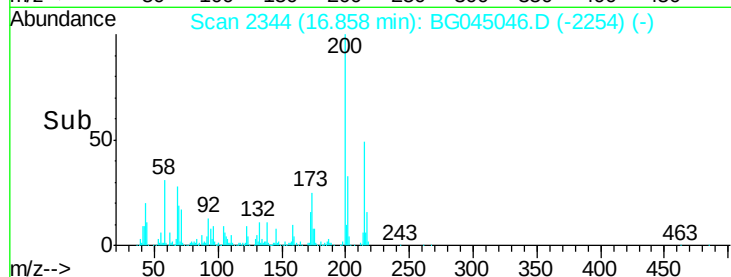
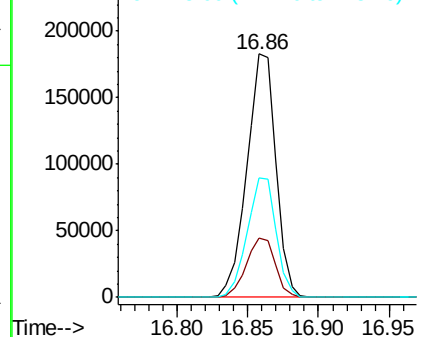
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.6	4.5	44.5
215	49.1	30.0	70.0

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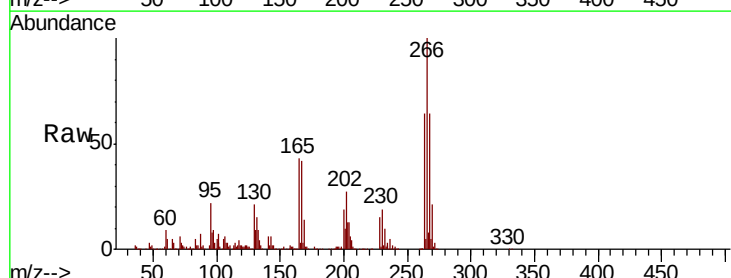


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

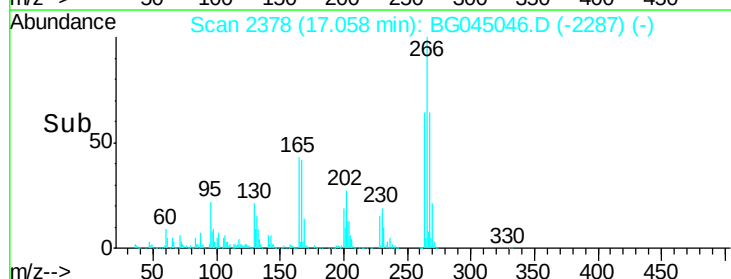
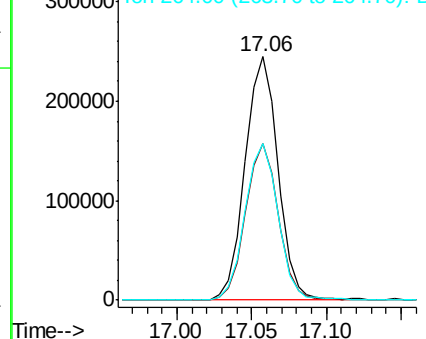


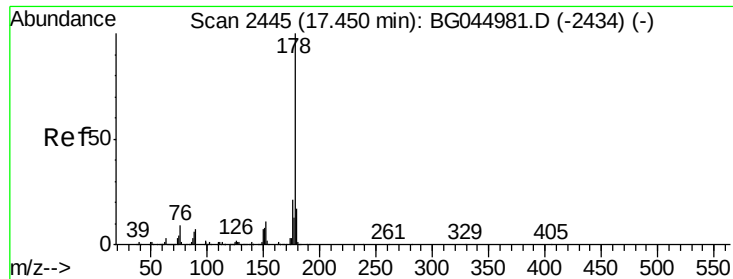
#70
Pentachlorophenol
Concen: 93.565 ng
RT: 17.06 min Scan# 2378
Delta R.T. 0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.5	77.3
264	64.1	52.2	78.4



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





#71

Phenanthrene

Concen: 45.985 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

ClientSampleId :

PB128298BS

Tot Ion:178 Resp: 1150155

Ion Ratio Lower Upper

178 100

176 20.2 16.8 25.2

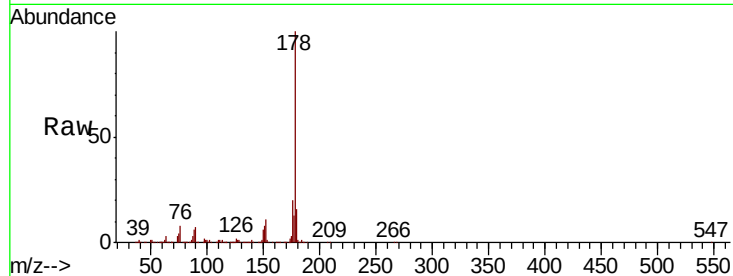
179 16.4 13.2 19.8

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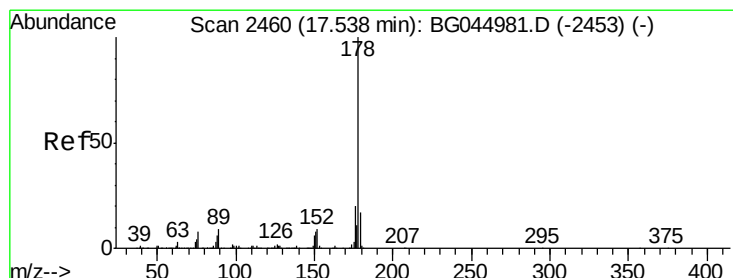
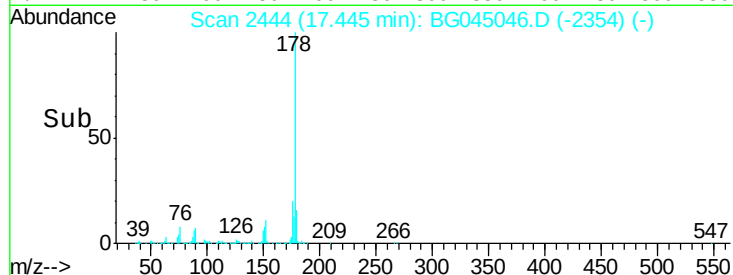
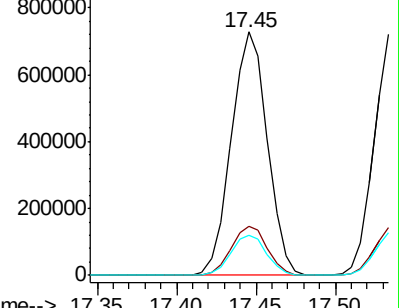
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Abundance Ion 178.00 (177.70 to 178.70): E

1000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.764 ng

RT: 17.54 min Scan# 2460

Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

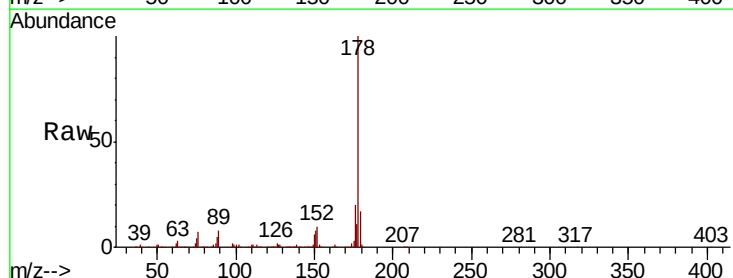
Tgt Ion:178 Resp: 1173249

Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

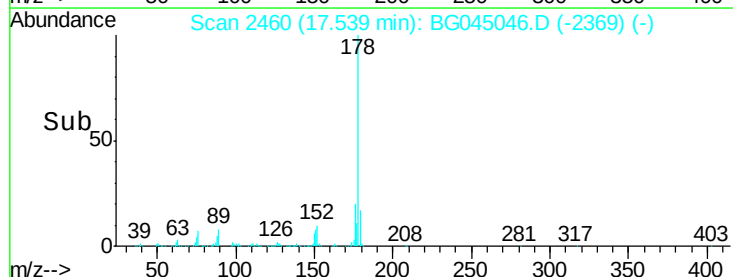
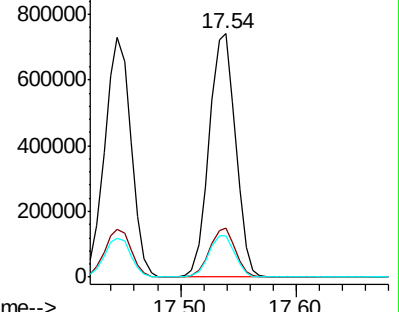
179 17.0 13.6 20.4

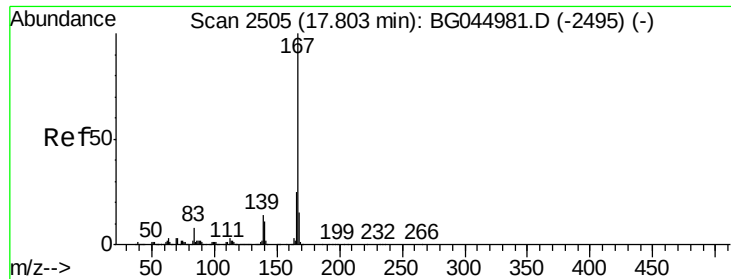


Abundance Ion 178.00 (177.70 to 178.70): E

1000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





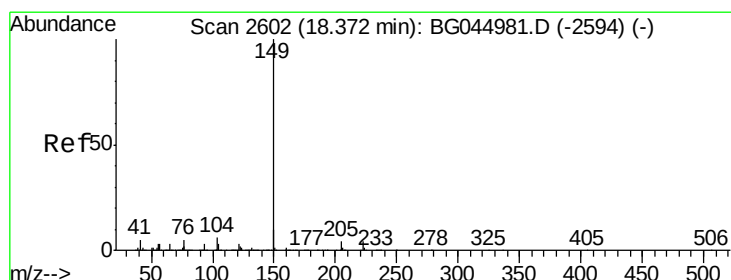
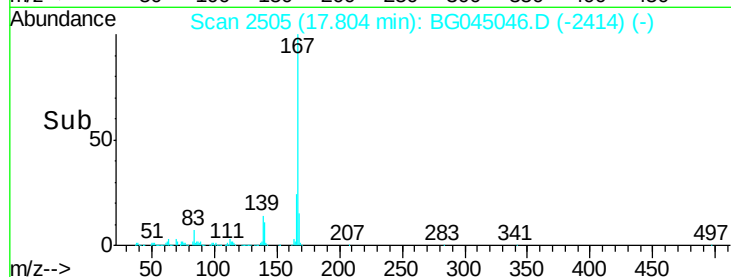
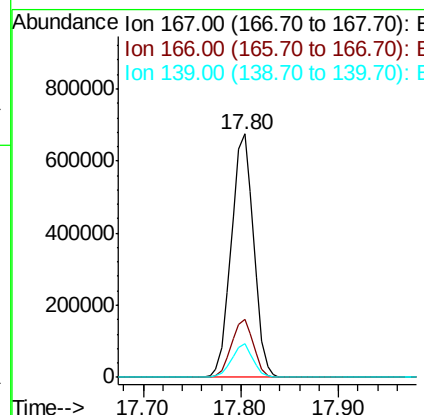
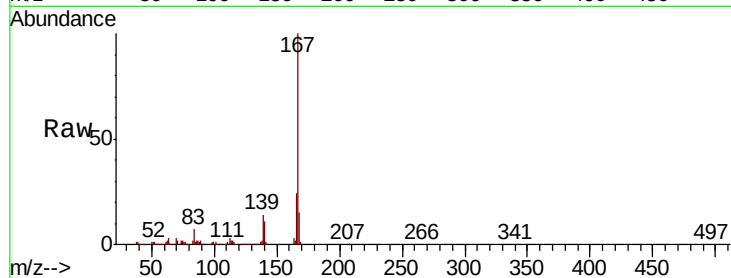
#73
 Carbazole
 Concen: 42.201 ng
 RT: 17.80 min Scan# 2505
 Delta R.T. 0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

Instrument :
 BNA_G
 ClientSampleId :
 PB128298BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	19.8	29.6
139	13.7	10.9	16.3

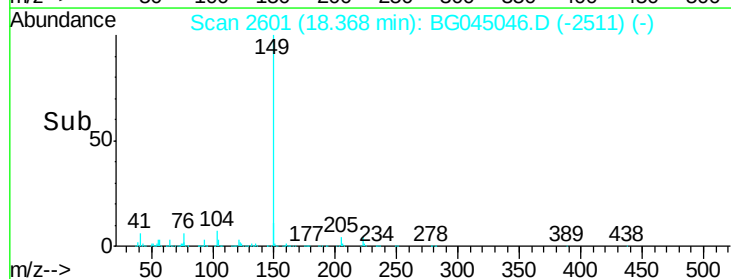
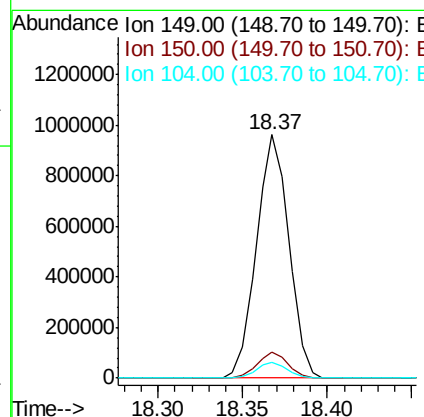
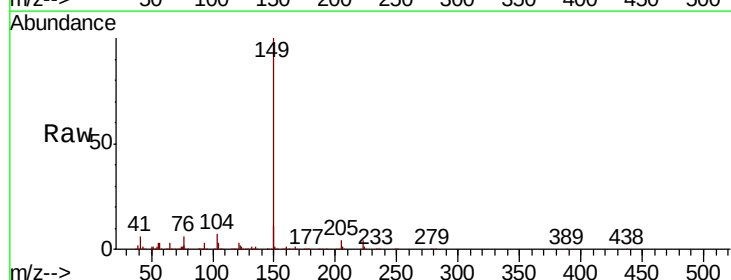
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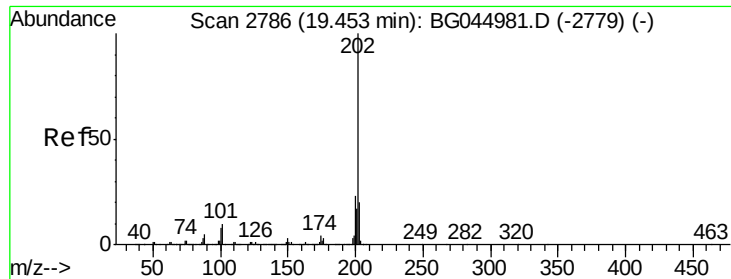
mohammad
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#74
 Di-n-butylphthalate
 Concen: 46.339 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.2	12.2
104	6.5	4.8	7.2





#75

Fluoranthene

Concen: 48.254 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

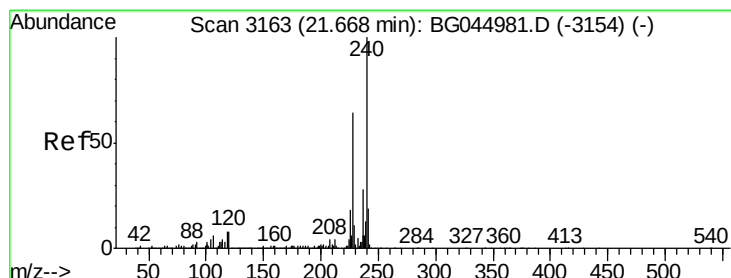
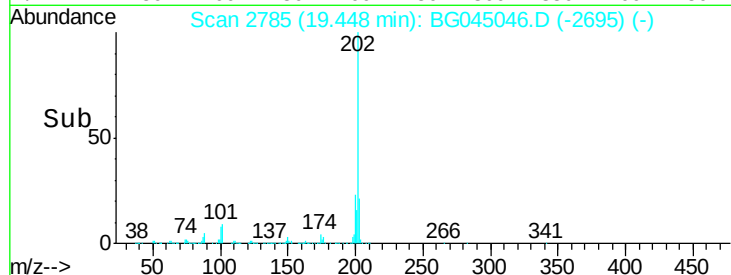
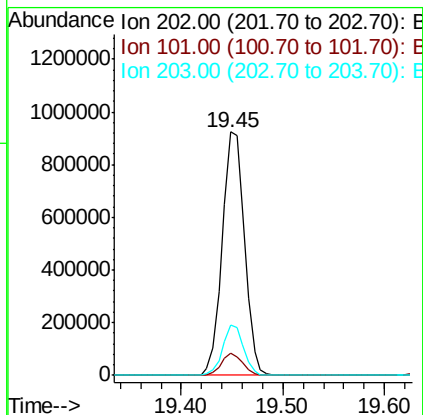
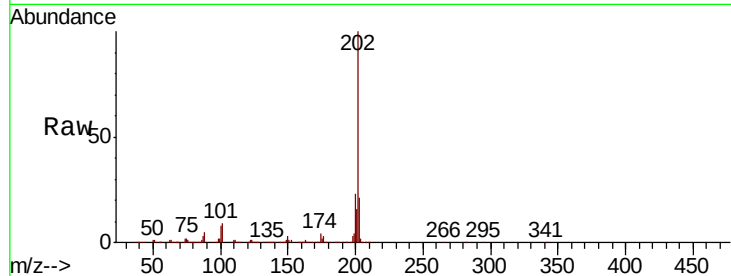
ClientSampleId :

PB128298BS

Tot Ion:	202	Resp:	1405449
Ion Ratio	Lower	Upper	
202	100		
101	9.1	0.0	29.6
203	20.6	0.0	39.7

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#76

Chrysene-d12

Concen: 20.000 ng

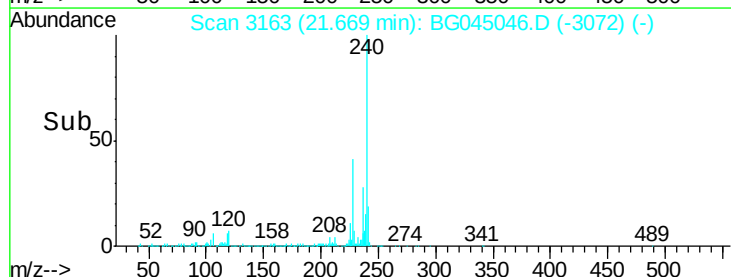
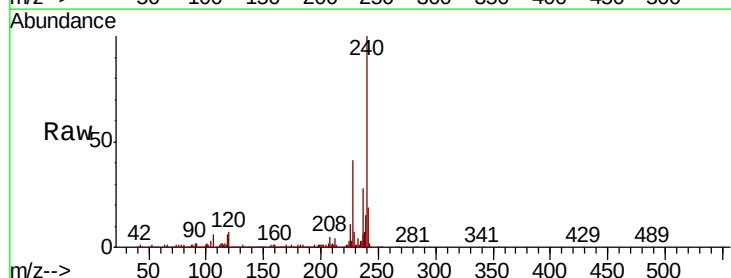
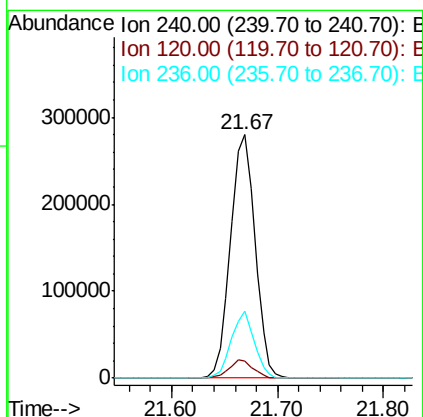
RT: 21.67 min Scan# 3163

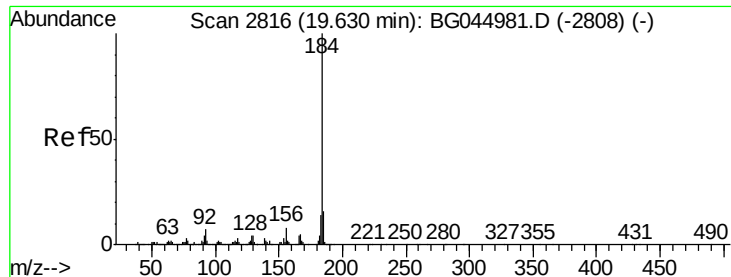
Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Tgt Ion:	240	Resp:	448629
Ion Ratio	Lower	Upper	
240	100		
120	7.0	6.6	10.0
236	27.6	22.2	33.2





#77

Benzidine

Concen: 52.809 ng

RT: 19.62 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

ClientSampleId :

PB128298BS

Tot Ion:184 Resp: 672779

Ion Ratio Lower Upper

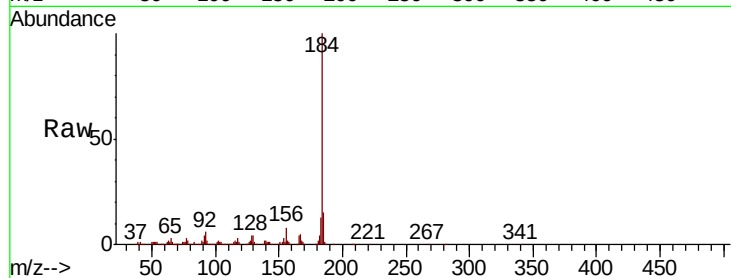
184 100

185 14.7 12.6 19.0

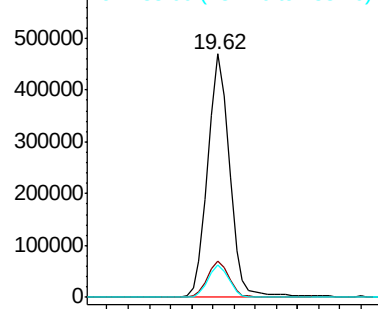
183 13.3 11.3 16.9

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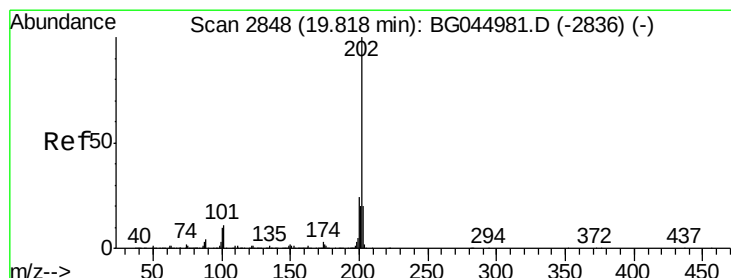
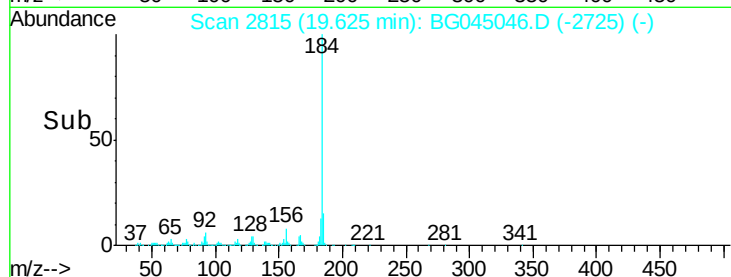
mohammad
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 44.123 ng

RT: 19.81 min Scan# 2847

Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

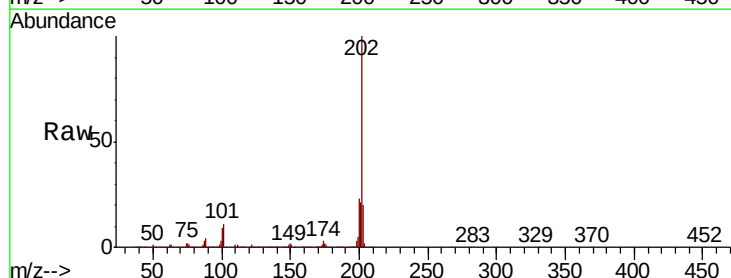
Tgt Ion:202 Resp: 1364652

Ion Ratio Lower Upper

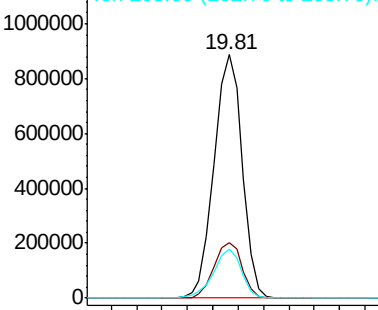
202 100

200 22.9 19.0 28.6

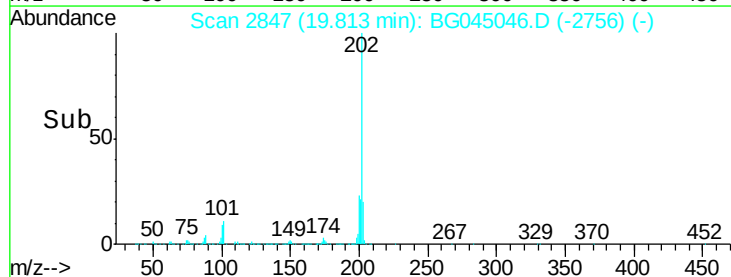
203 20.3 16.1 24.1

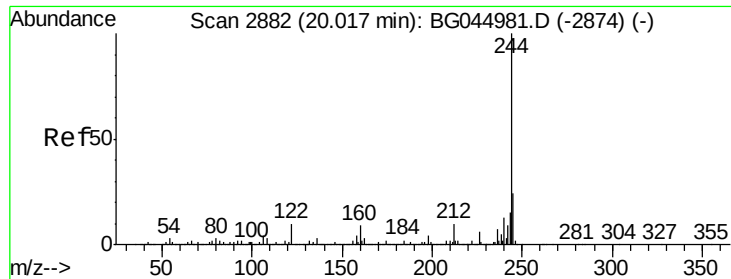


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





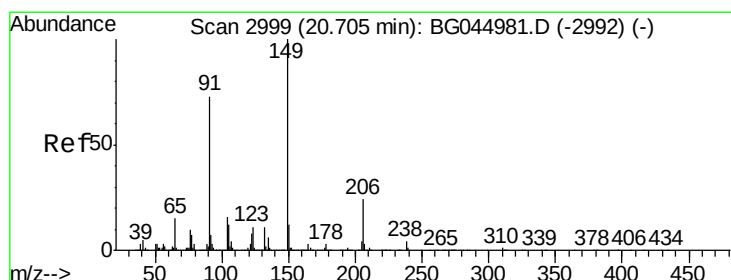
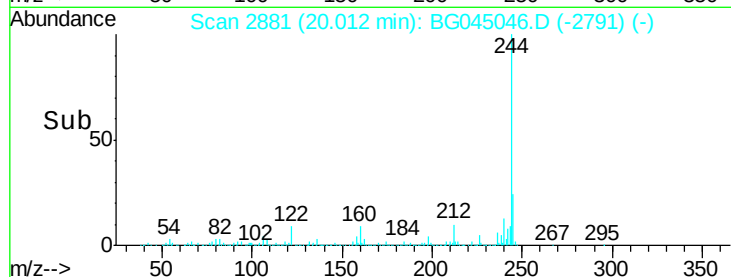
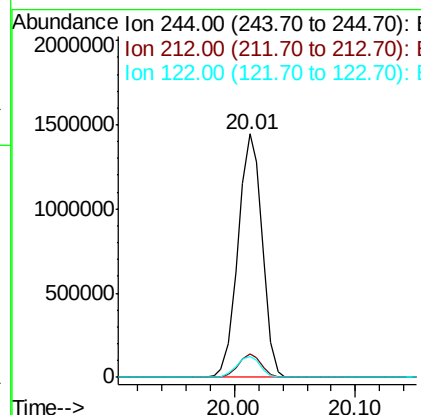
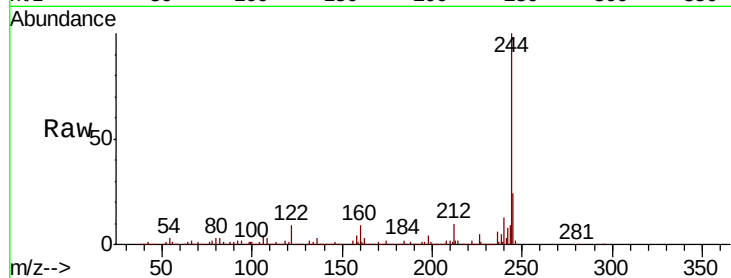
#79
 Terphenyl-d14
 Concen: 97.601 ng
 RT: 20.01 min Scan# 2881
 Delta R.T. -0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

Instrument :
 BNA_G
 ClientSampleId :
 PB128298BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.9	11.9
122	8.8	7.7	11.5

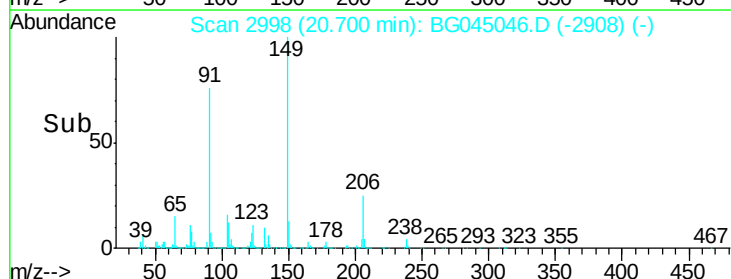
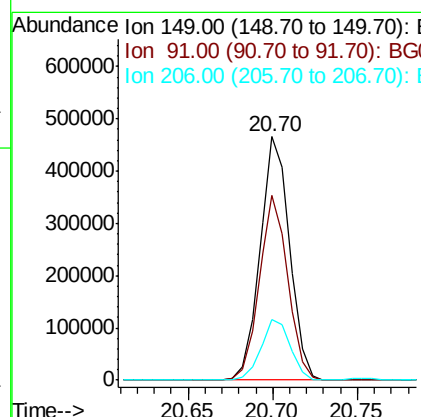
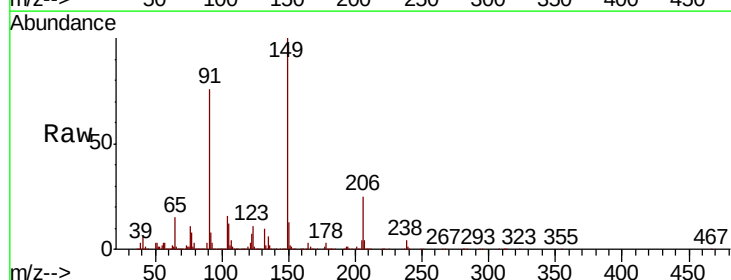
Manual Integrations
 APPROVED

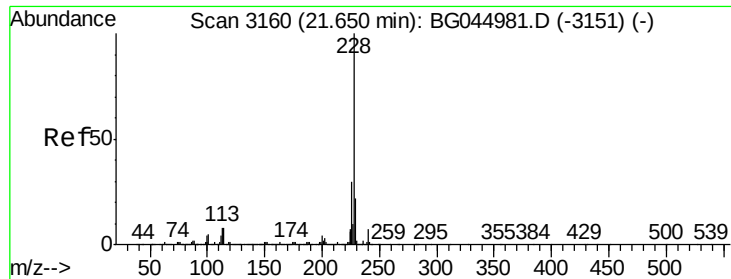
mohammad
 4/20/2020 2:28:11 PM



#80
 Butylbenzylphthalate
 Concen: 43.858 ng
 RT: 20.70 min Scan# 2998
 Delta R.T. -0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.1	58.5	87.7
206	24.8	19.2	28.8





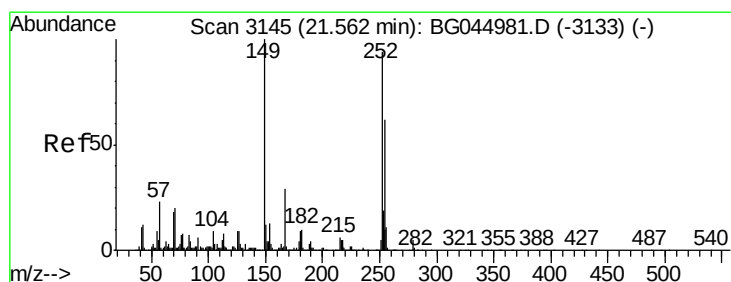
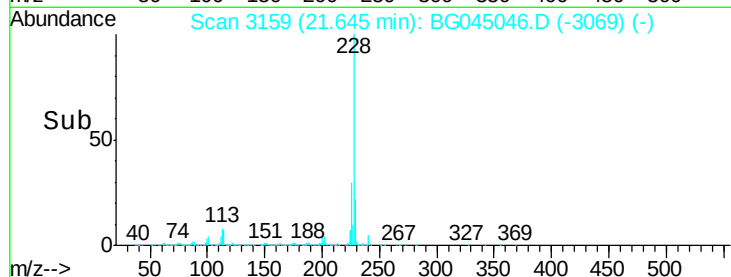
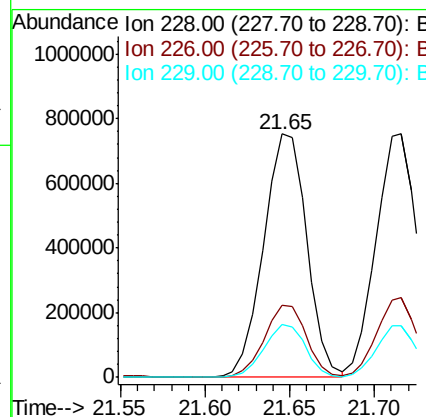
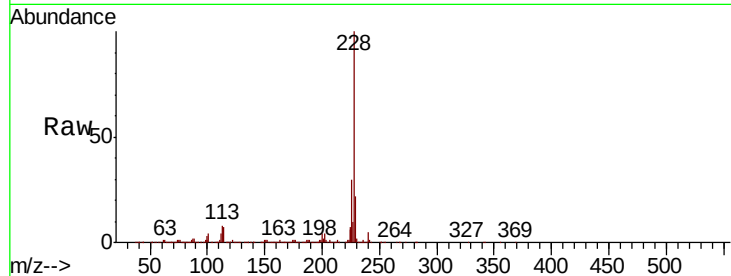
#81
Benzo(a)anthracene
Concen: 46.048 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Instrument :
BNA_G
ClientSampleId :
PB128298BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	21.5	17.5	26.3

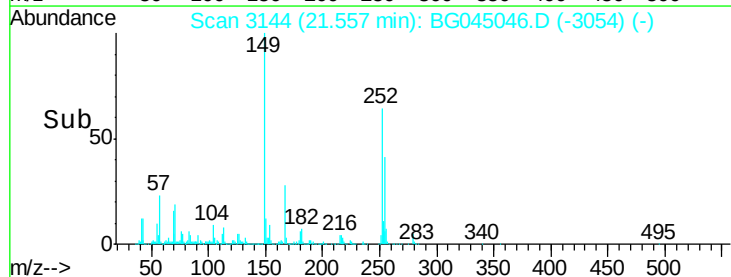
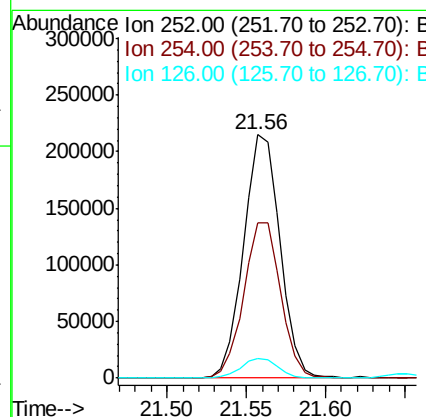
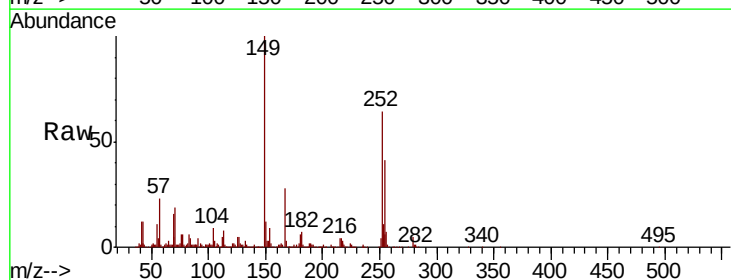
Manual Integrations
APPROVED

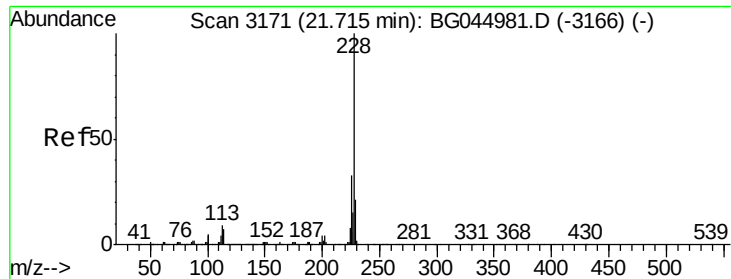
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 29.603 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.6	79.0
126	8.1	7.5	11.3





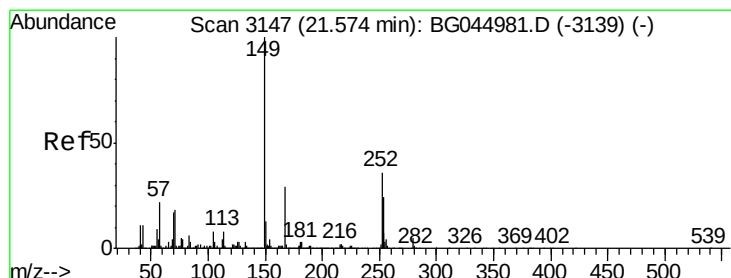
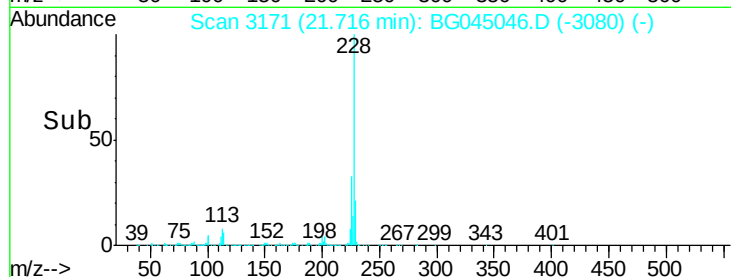
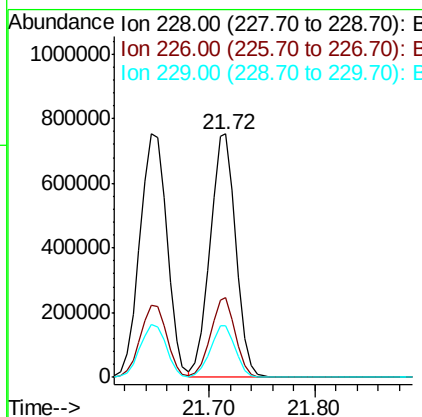
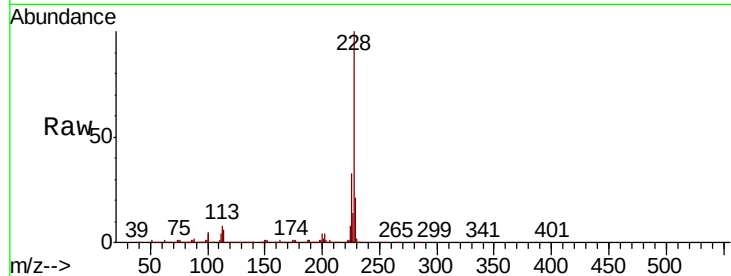
#83
Chrysene
Concen: 45.897 ng
RT: 21.72 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Instrument :
BNA_G
ClientSampleId :
PB128298BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	26.2	39.4
229	21.1	17.0	25.6

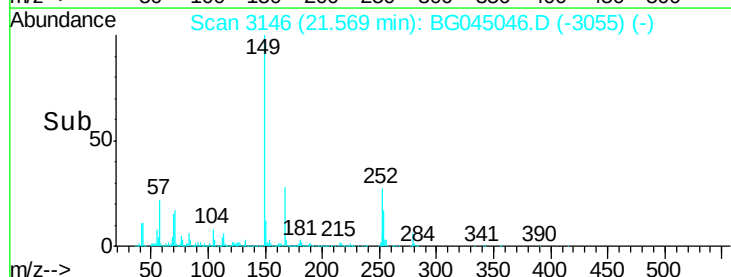
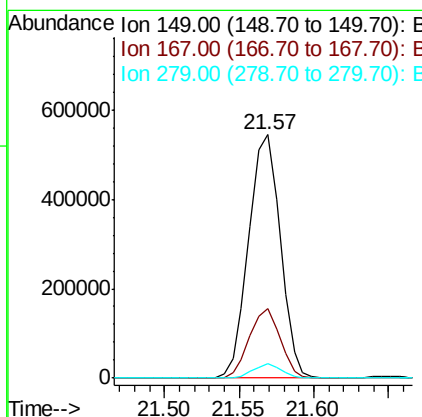
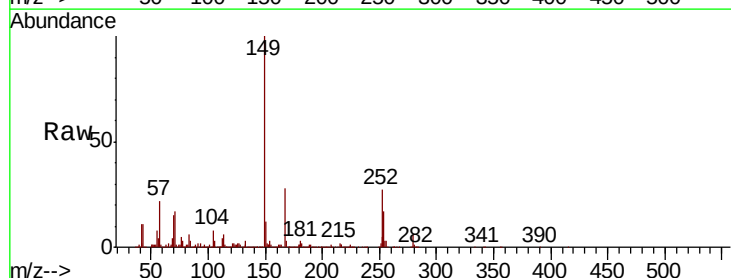
Manual Integrations
APPROVED

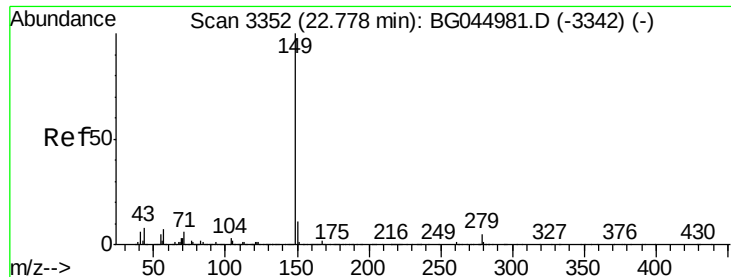
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.277 ng
RT: 21.57 min Scan# 3146
Delta R.T. 0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.4	35.0
279	6.0	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 44.894 ng

RT: 22.77 min Scan# 3351

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

ClientSampleId :

PB128298BS

Tot Ion:149 Resp: 1368851

Ion Ratio Lower Upper

149 100

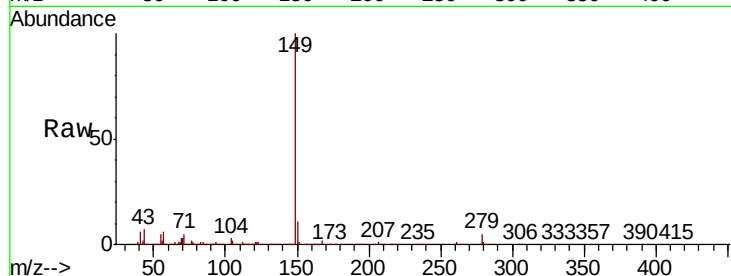
167 1.8 1.4 2.2

43 7.3 5.7 8.5

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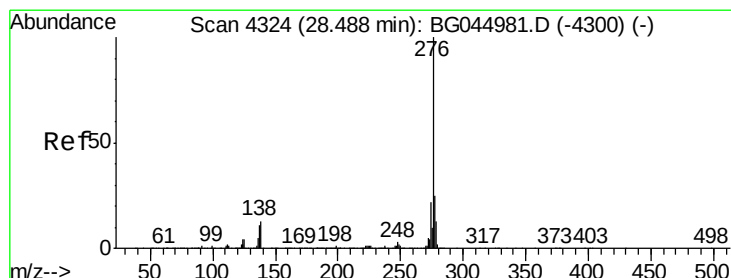
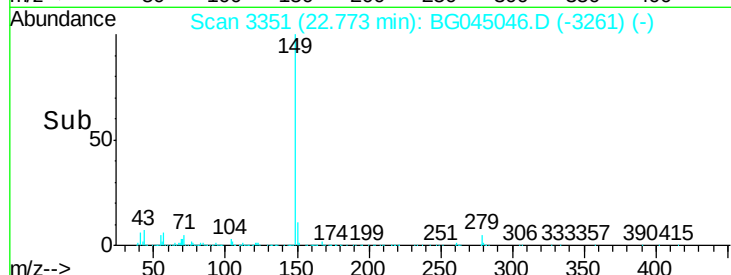
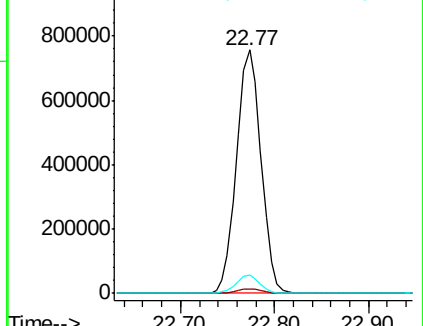
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.622 ng

RT: 28.48 min Scan# 4322

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

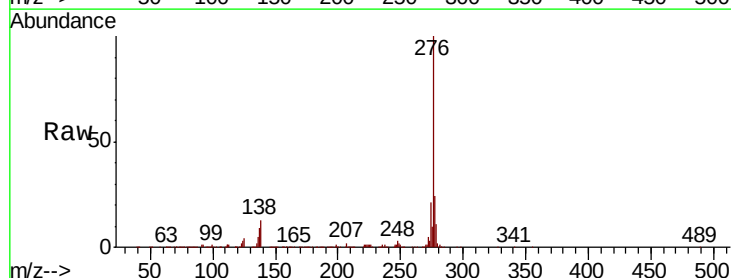
Tgt Ion:276 Resp: 1766452

Ion Ratio Lower Upper

276 100

138 15.7 9.6 14.4#

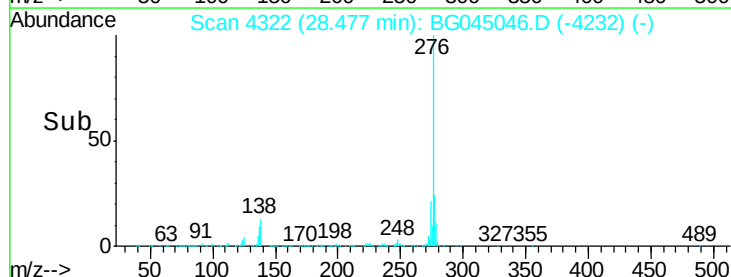
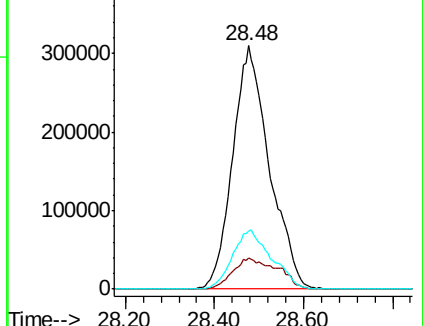
277 26.0 20.6 31.0

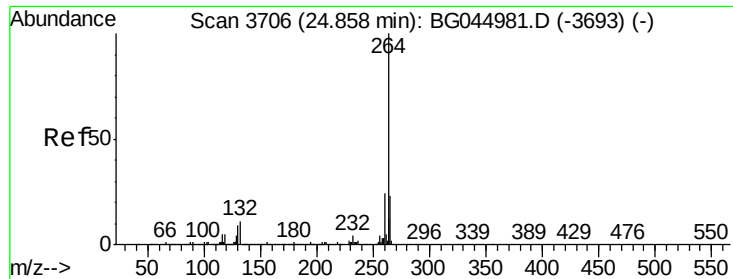


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.85 min Scan# 3705

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

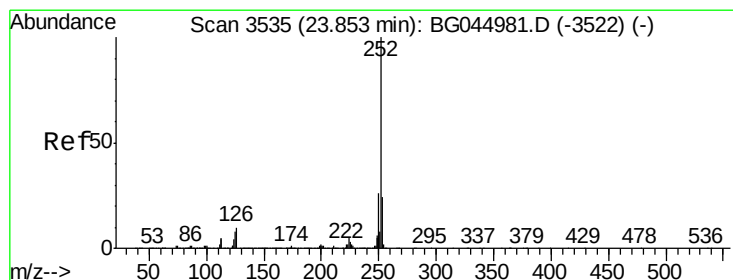
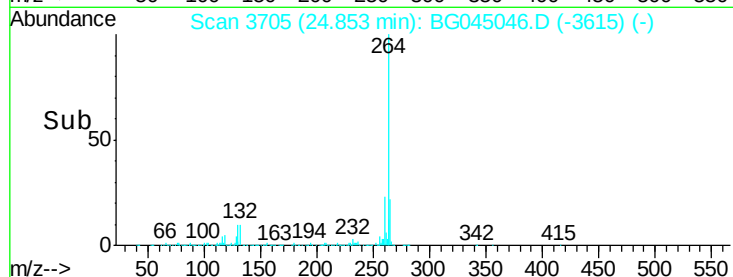
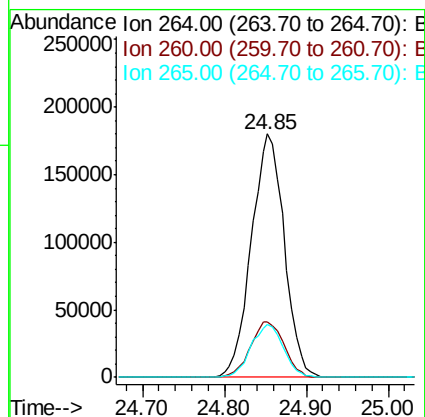
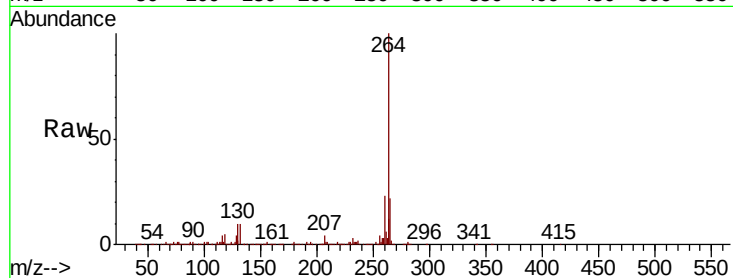
ClientSampleId :

PB128298BS

Tot Ion:	264	Resp:	502912
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.2	28.8
265	21.8	19.0	28.4

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 46.469 ng

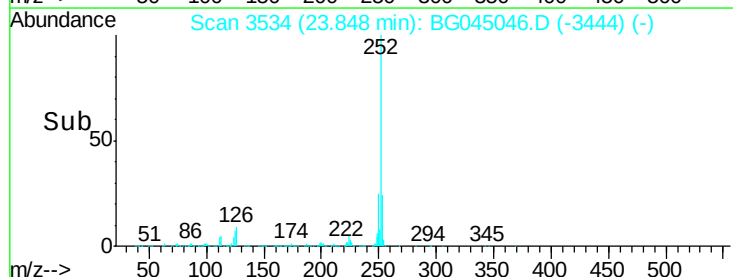
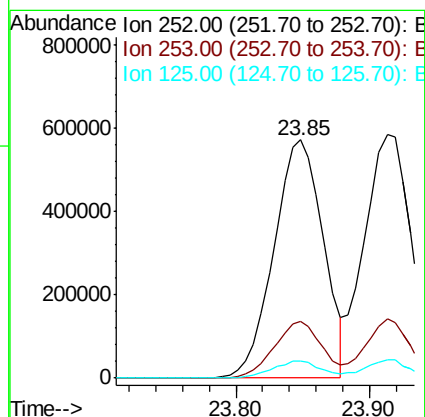
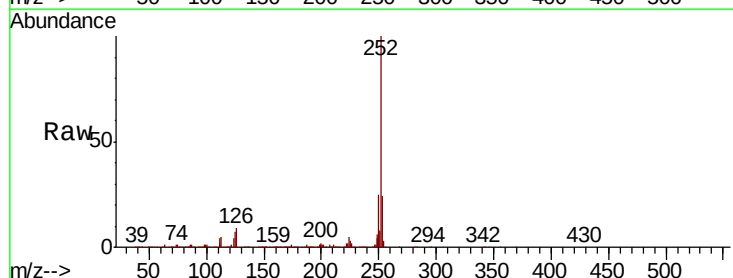
RT: 23.85 min Scan# 3534

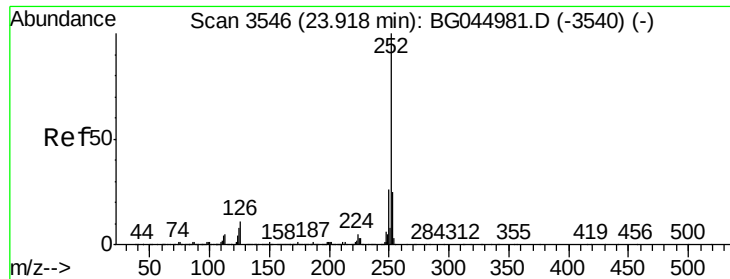
Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Tgt Ion:	252	Resp:	1463881
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.8	28.2
125	7.0	6.2	9.4





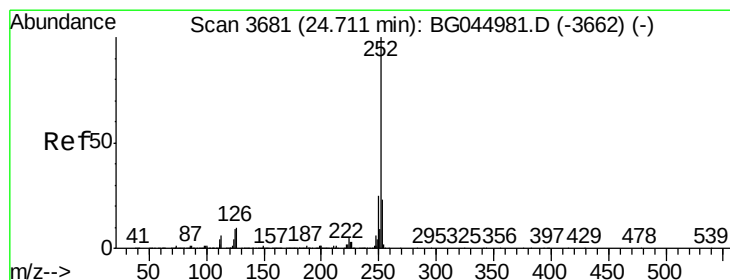
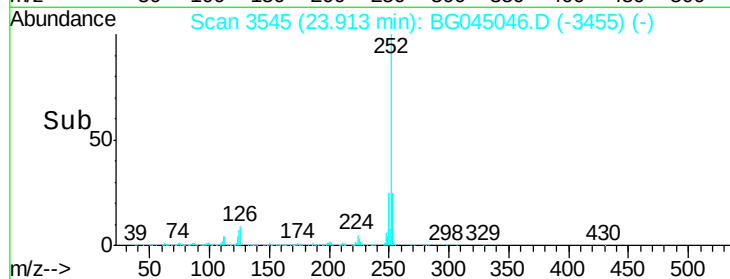
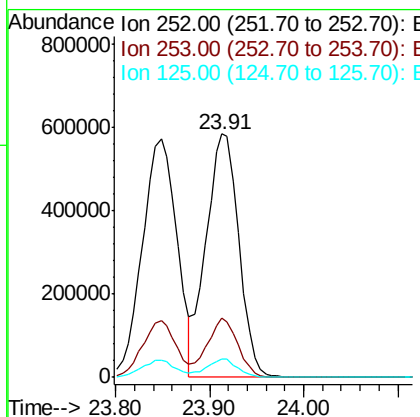
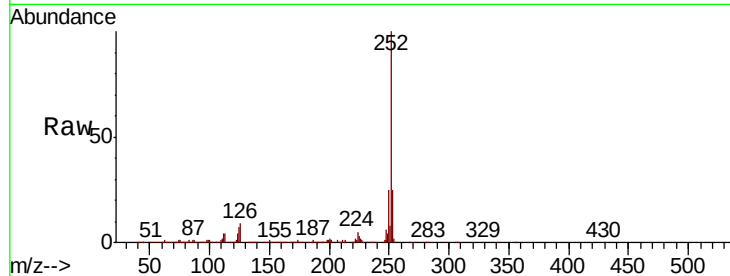
#89
Benzo(k)fluoranthene
Concen: 47.372 ng
RT: 23.91 min Scan# 3545
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Instrument :
BNA_G
ClientSampleId :
PB128298BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.2	28.8
125	7.3	5.9	8.9

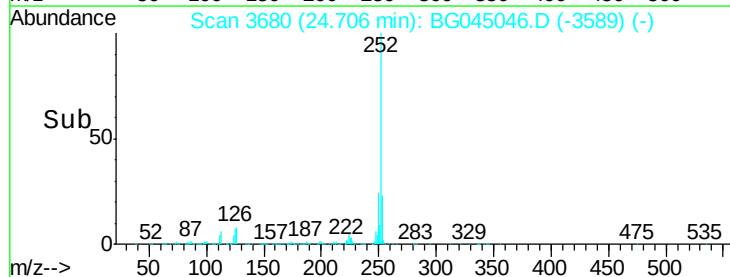
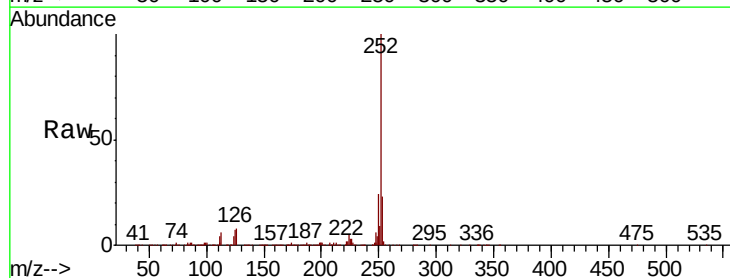
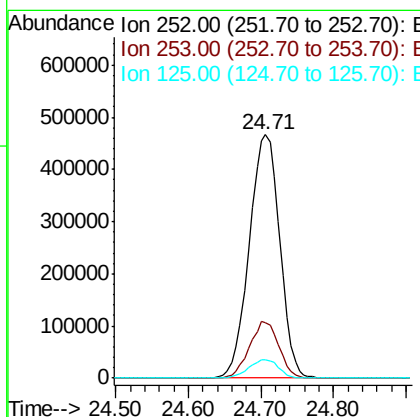
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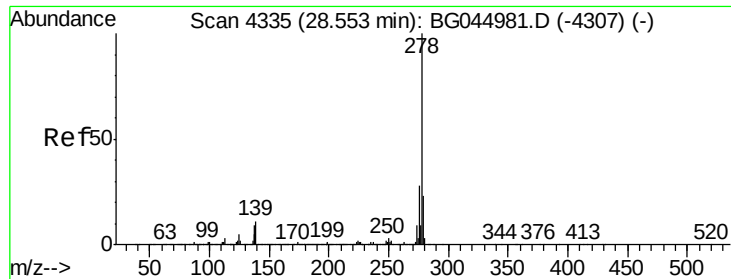
mohammad
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#90
Benzo(a)pyrene
Concen: 45.690 ng
RT: 24.71 min Scan# 3680
Delta R.T. 0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	7.4	7.0	10.6





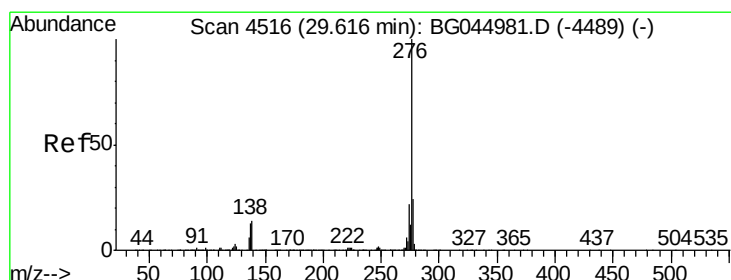
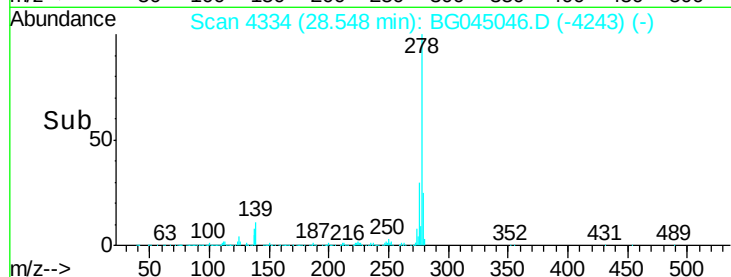
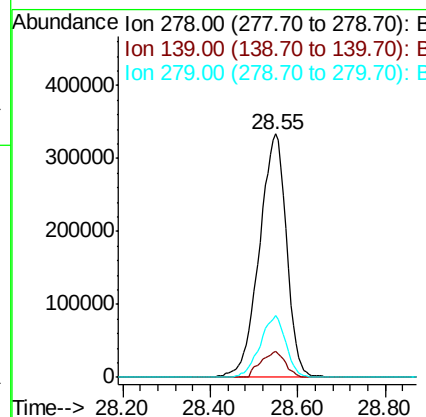
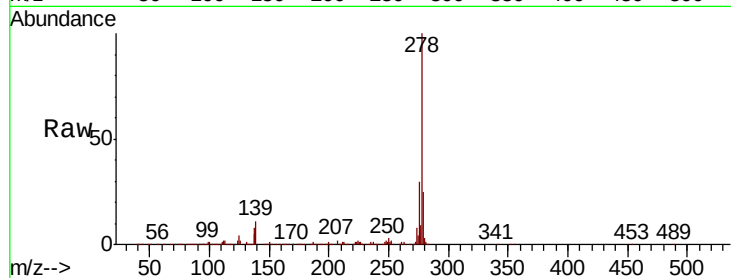
#91
Dibenzo(a,h)anthracene
Concen: 47.500 ng
RT: 28.55 min Scan# 4334
Delta R.T. 0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Instrument :
BNA_G
ClientSampleId :
PB128298BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.8	9.0	13.6
279	25.3	18.4	27.6

Manual Integrations
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4/20/2020 2:28:11 PM



#92
Benzo(g,h,i)perylene
Concen: 47.687 ng
RT: 29.61 min Scan# 4514
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.3	28.9
138	13.5	11.4	17.2

