

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042120\
 Data File : BG045109.D
 Acq On : 21 Apr 2020 13:18
 Operator : CG/JU
 Sample : PB128352BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128352BS

Manual Integrations
 APPROVED

mohammad
 4/24/2020 4:18:43 AM

Quant Time: Apr 21 14:27:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 14:13:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	55544	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	243929	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	200193	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	481129	20.00	ng	0.00
76) Chrysene-d12	21.66	240	435852	20.00	ng	0.00
87) Perylene-d12	24.85	264	487591	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	512371	152.29	ng	0.00
7) Phenol-d6	7.19	99	759801	152.00	ng	0.00
23) Nitrobenzene-d5	9.18	82	471131	88.13	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	420549	135.98	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1176880	86.20	ng	0.00
79) Terphenyl-d14	20.01	244	2005344	100.28	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.48	88	54369	36.363	ng	94
3) Pyridine	3.88	79	165771	36.009	ng	99
4) n-Nitrosodimethylamine	3.79	42	66527	47.173	ng	96
6) Aniline	7.34	93	232489	35.772	ng	99
8) 2-Chlorophenol	7.58	128	200834	55.544	ng	99
9) Benzaldehyde	7.15	77	92222	30.266	ng	97
10) Phenol	7.21	94	282484	56.474	ng	99
11) bis(2-Chloroethyl)ether	7.44	93	178314	44.774	ng	95
12) 1,3-Dichlorobenzene	7.91	146	198668	46.628	ng	96
13) 1,4-Dichlorobenzene	8.05	146	196381	46.256	ng	95
14) 1,2-Dichlorobenzene	8.38	146	189594	46.679	ng	96
15) Benzyl Alcohol	8.25	79	215614	51.448	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.55	45	165811	42.414	ng	94
17) 2-Methylphenol	8.46	107	192820	49.962	ng	96
18) Hexachloroethane	9.11	117	74201	46.491	ng	98
19) n-Nitroso-di-n-propylamine	8.83	70	171323	48.464	ng	99
20) 3+4-Methylphenols	8.79	107	273508	50.632	ng	96
22) Acetophenone	8.84	105	310332	47.045	ng	# 97
24) Nitrobenzene	9.22	77	253057	46.180	ng	99
25) Isophorone	9.75	82	503213	45.965	ng	97
26) 2-Nitrophenol	9.93	139	120246	50.943	ng	96
27) 2,4-Dimethylphenol	10.00	122	205069	54.754	ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	277506	48.244	ng	98
29) 2,4-Dichlorophenol	10.48	162	235342	54.419	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	227370	46.436	ng	94
31) Naphthalene	10.88	128	635546	47.628	ng	99
32) Benzoic acid	10.16	122	123430	41.752	ng	97
33) 4-Chloroaniline	10.98	127	96450	15.498	ng	97
34) Hexachlorobutadiene	11.17	225	151397	45.098	ng	96
35) Caprolactam	11.75	113	88691m	51.529	ng	
36) 4-Chloro-3-methylphenol	12.11	107	275724	54.273	ng	98
37) 2-Methylnaphthalene	12.48	142	503289	48.592	ng	97
38) 1-Methylnaphthalene	12.70	142	487710	49.879	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	280518	43.520	ng	98

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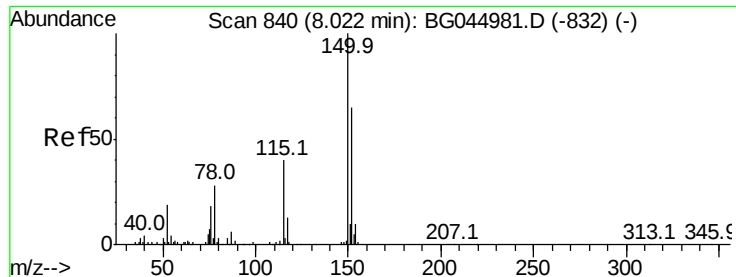
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 4/24/2020 4:18:43 AM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	409973	101.764	nq	98
43) 2,4,6-Trichlorophenol	13.09	196	218010	47.923	nq	92
44) 2,4,5-Trichlorophenol	13.16	196	230892	44.590	nq	99
46) 1,1'-Biphenyl	13.49	154	660623	43.416	nq	99
47) 2-Chloronaphthalene	13.53	162	515327	44.323	nq	99
48) 2-Nitroaniline	13.73	65	176086	46.031	nq	97
49) Acenaphthylene	14.38	152	875561	46.233	nq	99
50) Dimethylphthalate	14.11	163	744873	45.696	nq	99
51) 2,6-Dinitrotoluene	14.22	165	171234	46.965	nq	98
52) Acenaphthene	14.72	154	672838m	52.510	nq	
53) 3-Nitroaniline	14.55	138	80399	20.106	nq	# 97
54) 2,4-Dinitrophenol	14.76	184	225347	103.942	nq	97
55) Dibenzofuran	15.06	168	851081	45.559	nq	99
56) 4-Nitrophenol	14.88	139	276741	89.257	nq	96
57) 2,4-Dinitrotoluene	15.01	165	242208	45.458	nq	95
58) Fluorene	15.70	166	714743	46.841	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	231883	50.329	nq	99
60) Diethylphthalate	15.47	149	773784	45.530	nq	100
61) 4-Chlorophenyl-phenylether	15.70	204	395815	45.067	nq	98
62) 4-Nitroaniline	15.72	138	172846	41.674	nq	95
63) Azobenzene	15.99	77	729278	46.543	nq	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	158872	50.236	nq	95
66) n-Nitrosodiphenylamine	15.91	169	651034	47.095	nq	99
67) 4-Bromophenyl-phenylether	16.59	248	282038	45.439	nq	99
68) Hexachlorobenzene	16.71	284	304634	47.323	nq	97
69) Atrazine	16.86	200	272837	55.195	nq	98
70) Pentachlorophenol	17.06	266	343345	86.943	nq	98
71) Phenanthrene	17.45	178	1167589	47.225	nq	100
72) Anthracene	17.53	178	1203930	48.544	nq	99
73) Carbazole	17.80	167	1090462	43.328	nq	98
74) Di-n-butylphthalate	18.36	149	1294836	47.616	nq	99
75) Fluoranthene	19.45	202	1415640	49.304	nq	99
77) Benzidine	19.63	184	608571	48.697	nq	98
78) Pyrene	19.81	202	1396462	46.475	nq	99
80) Butylbenzylphthalate	20.70	149	573172	46.019	nq	99
81) Benzo(a)anthracene	21.65	228	1341443	47.486	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	294006	26.148	nq	99
83) Chrysene	21.71	228	1287877	47.449	nq	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	799498	46.672	nq	99
85) Di-n-octyl phthalate	22.77	149	1355029	45.743	nq	100
86) Indeno(1,2,3-cd)pyrene	28.48	276	1731143	48.038	nq	99
88) Benzo(b)fluoranthene	23.85	252	1477173	48.365	nq	99
89) Benzo(k)fluoranthene	23.92	252	1379040	47.478	nq	99
90) Benzo(a)pyrene	24.71	252	1340139	46.473	nq	99
91) Dibenzo(a,h)anthracene	28.55	278	1399556	48.165	nq	98
92) Benzo(g,h,i)perylene	29.62	276	1403958	48.194	nq	96

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



#1

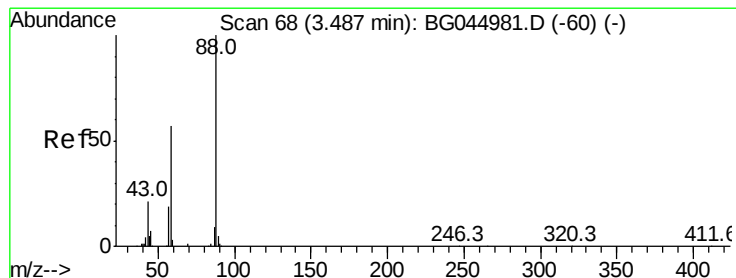
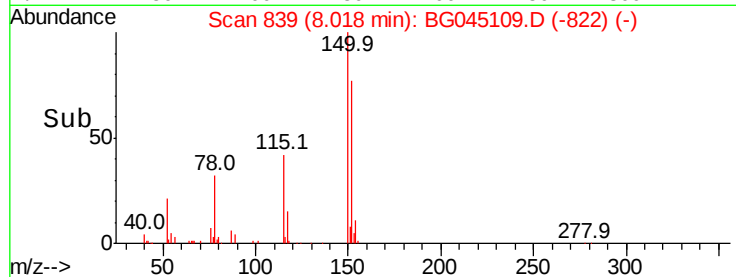
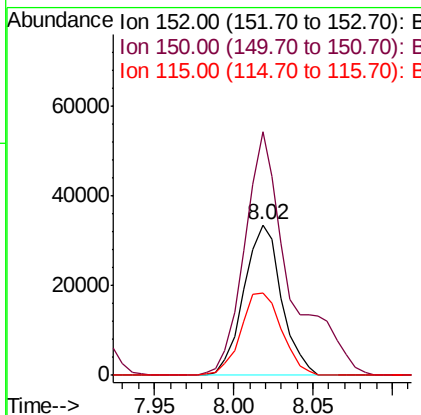
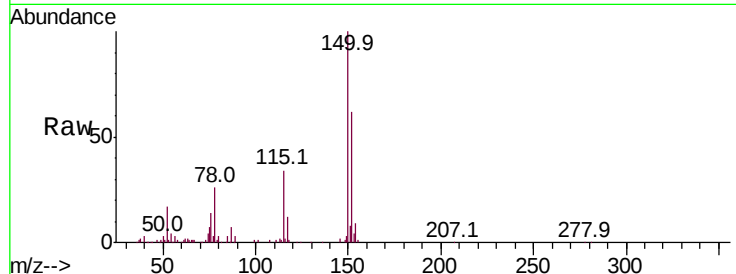
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	123.6	185.4
115	54.8	49.1	73.7

Manual Integrations
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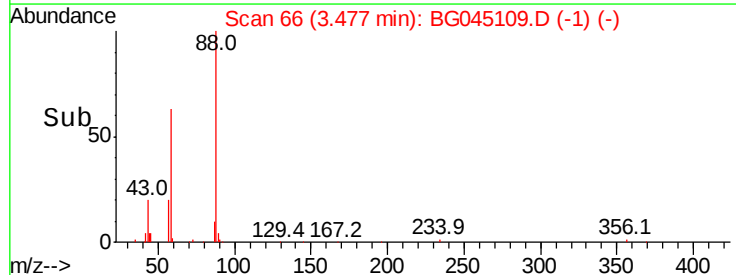
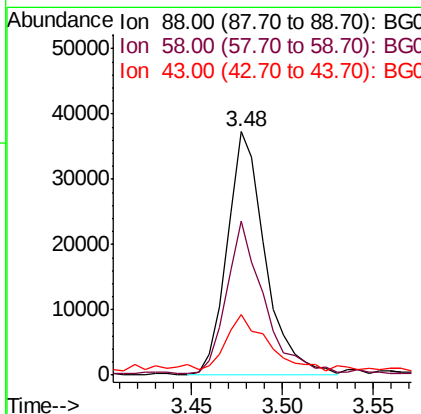
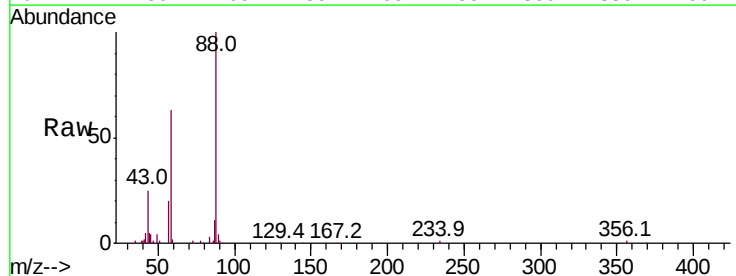
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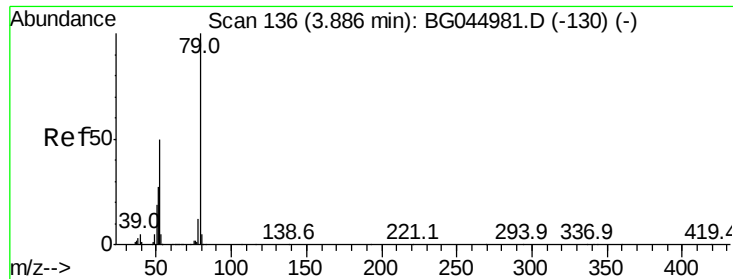


#2

1,4-Dioxane
Concen: 36.363 ng
RT: 3.48 min Scan# 66
Delta R.T. -0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.2	46.6	69.8
43	25.4	17.5	26.3





#3

Pvridine

Concen: 36.009 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA_G

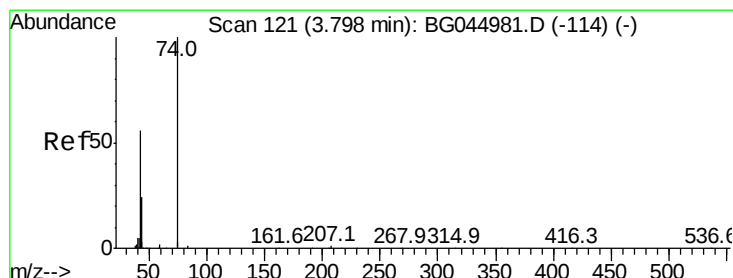
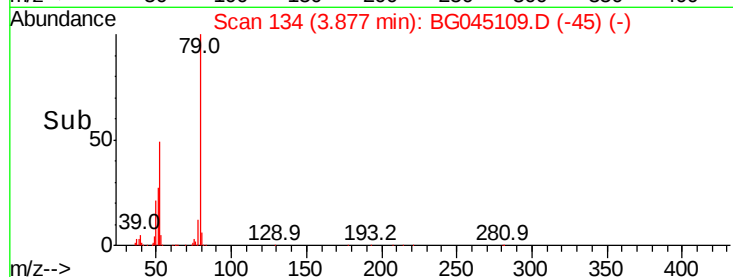
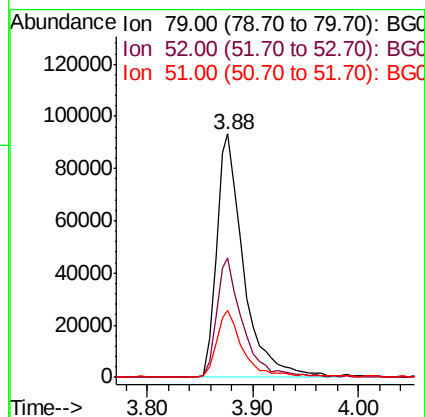
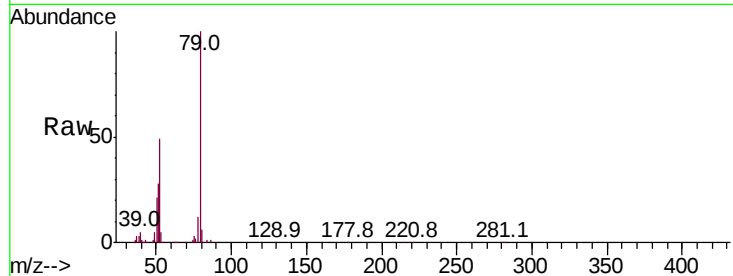
ClientSampleId :

PB128352BS

Tot Ion:	79	Resp:	165771
Ion Ratio	Lower	Upper	
79	100		
52	49.0	39.8	59.6
51	27.7	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 47.173 ng

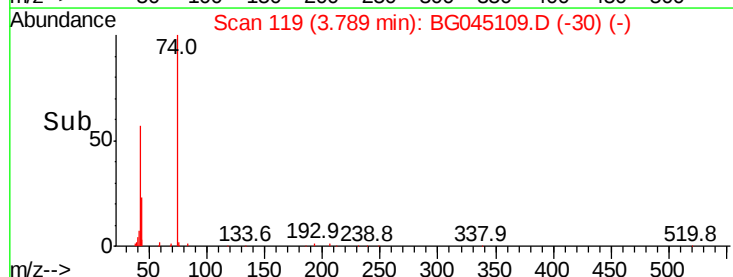
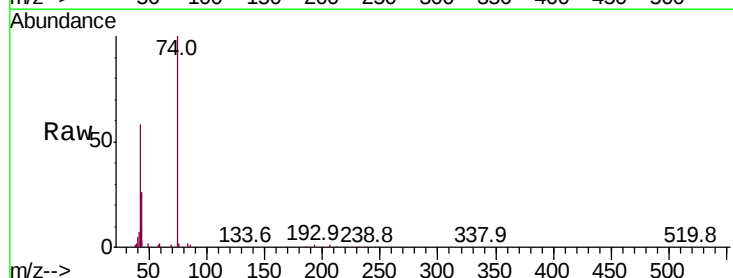
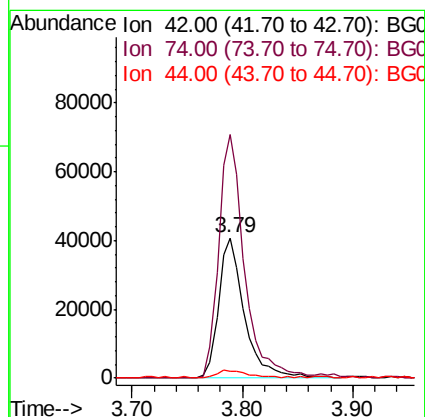
RT: 3.79 min Scan# 119

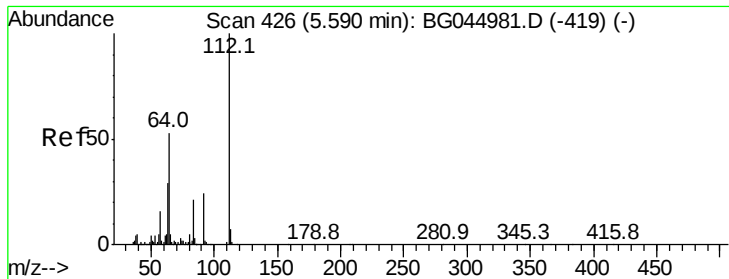
Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Tgt Ion:	42	Resp:	66527
Ion Ratio	Lower	Upper	
42	100		
74	173.5	143.0	214.6
44	5.3	4.6	6.8





#5

2-Fluorophenol

Concen: 152.293 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA_G

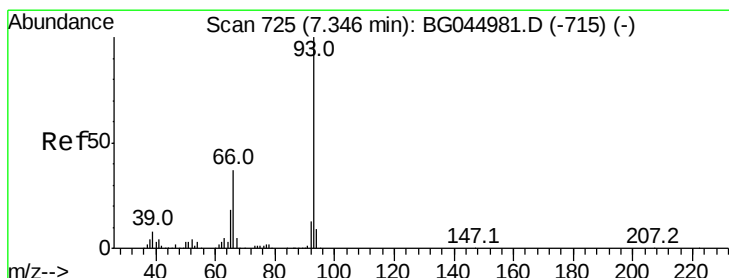
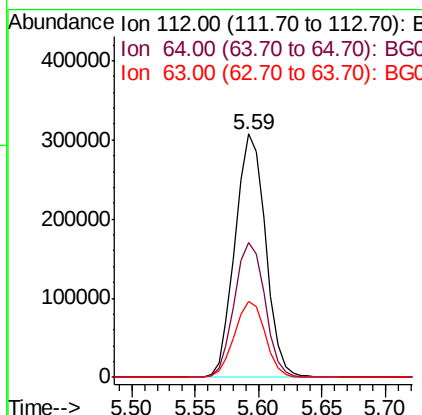
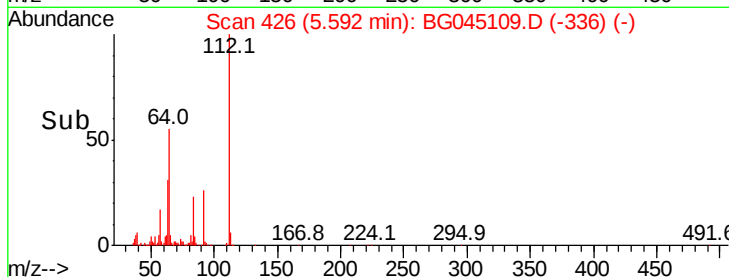
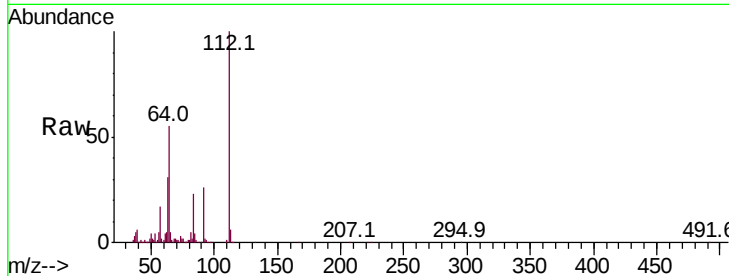
ClientSampleId :

PB128352BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		512371		
64	55.3	42.4	63.6		
63	31.3	23.1	34.7		

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#6

Aniline

Concen: 35.772 ng

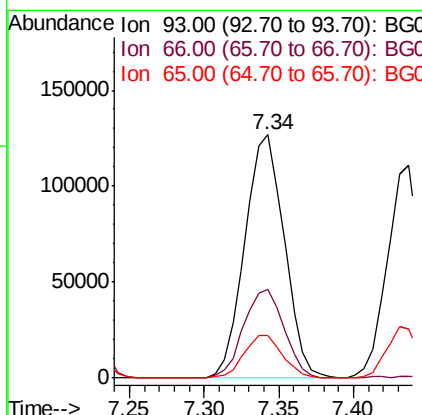
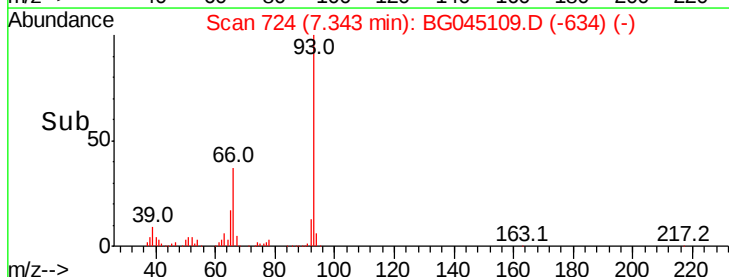
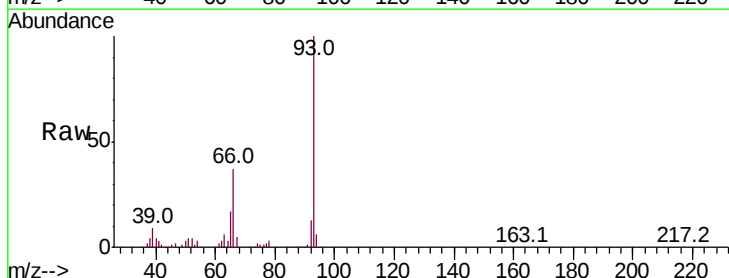
RT: 7.34 min Scan# 724

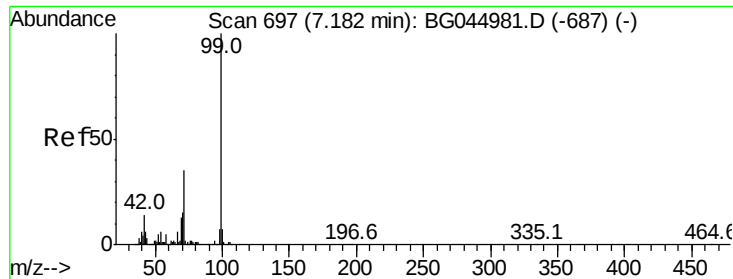
Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		232489		
66	36.7	29.8	44.8		
65	17.4	14.6	22.0		





#7

Phenol-d6

Concen: 152.002 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA_G

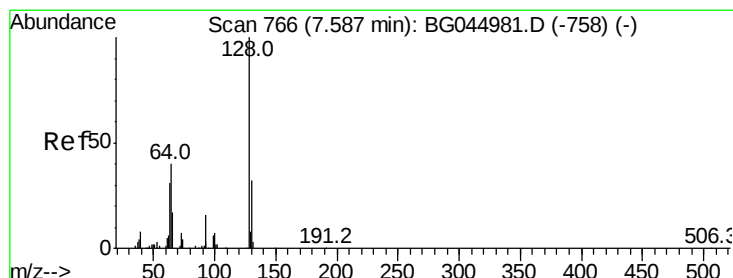
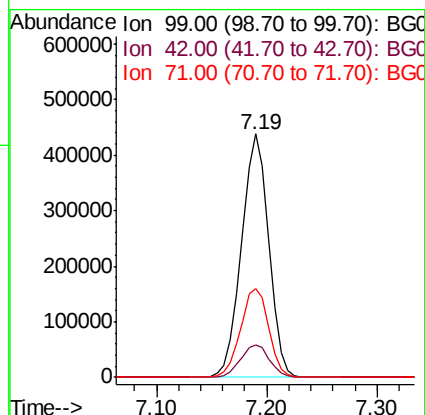
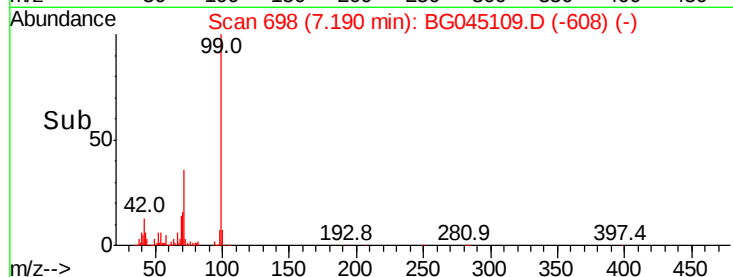
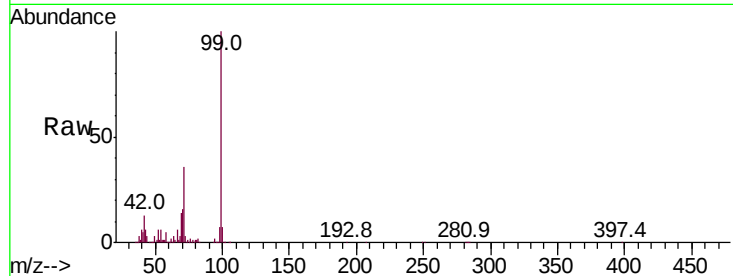
ClientSampleId :

PB128352BS

Tot Ion:	99	Resp:	759801
Ion Ratio	Lower	Upper	
99	100		
42	13.5	11.3	16.9
71	36.3	28.3	42.5

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#8

2-Chlorophenol

Concen: 55.544 ng

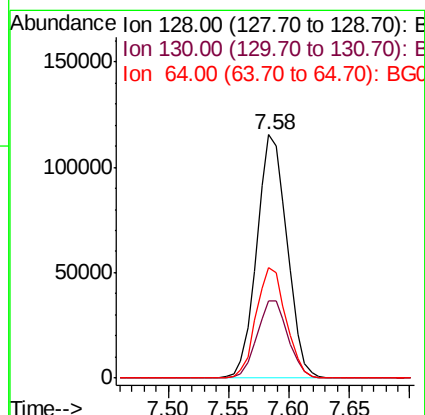
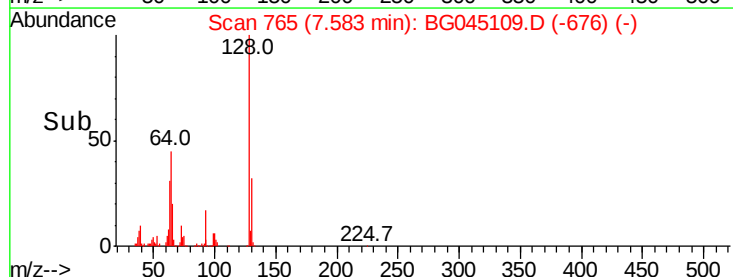
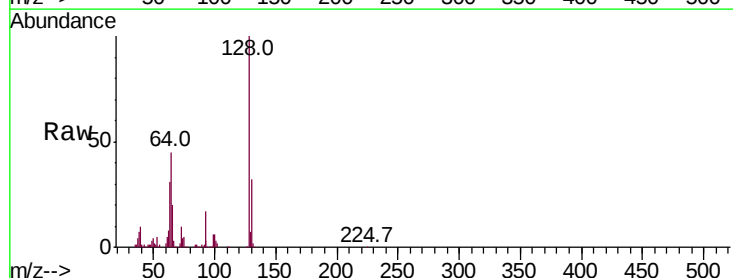
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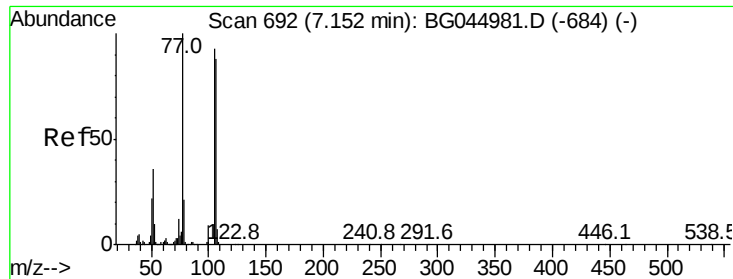
Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Tgt Ion:	128	Resp:	200834
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.3	52.3
64	45.4	24.4	64.4





#9

Benzaldehyde

Concen: 30.266 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA_G

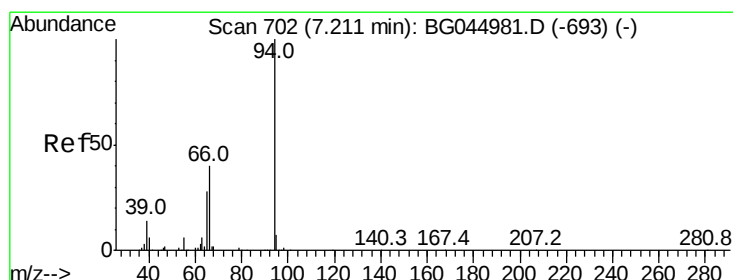
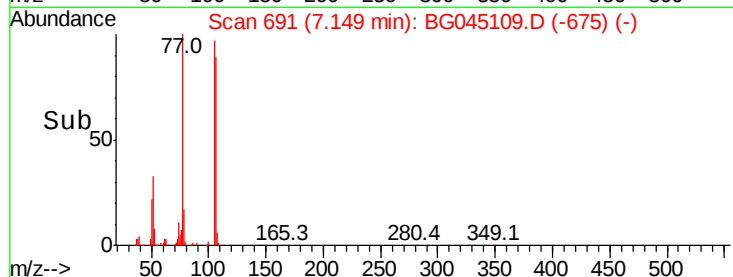
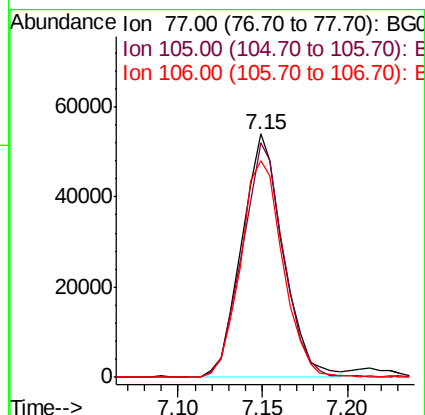
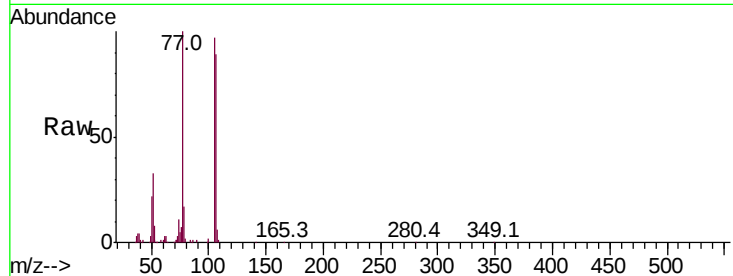
ClientSampleId :

PB128352BS

Tot Ion:	77	Resp:	92222
Ion	Ratio	Lower	Upper
77	100		
105	96.5	72.9	112.9
106	89.1	67.6	107.6

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#10

Phenol

Concen: 56.474 ng

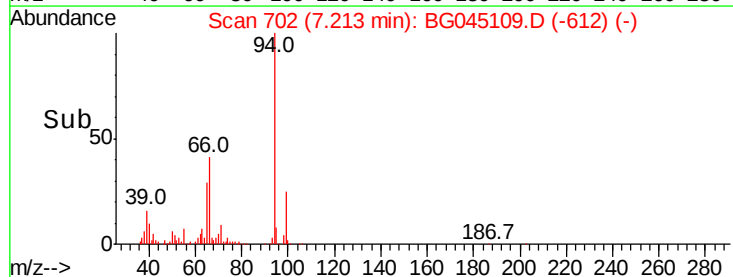
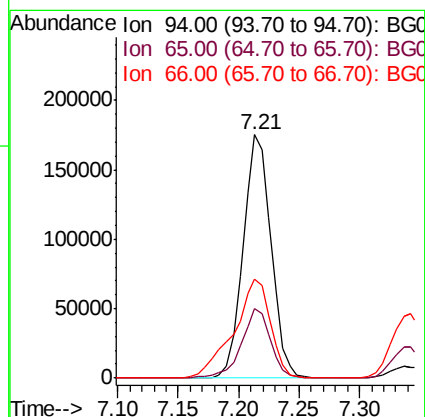
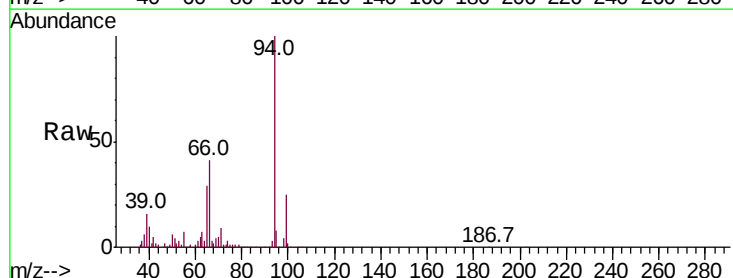
RT: 7.21 min Scan# 702

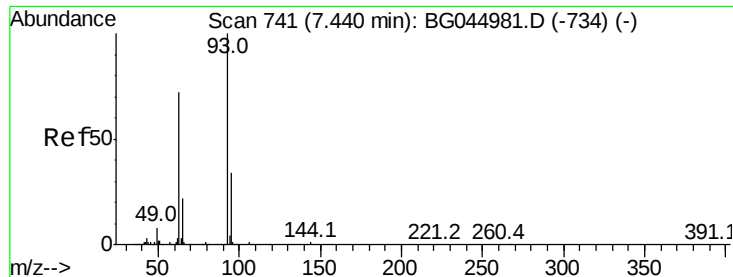
Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Tgt Ion:	94	Resp:	282484
Ion	Ratio	Lower	Upper
94	100		
65	28.7	8.2	48.2
66	40.9	20.4	60.4





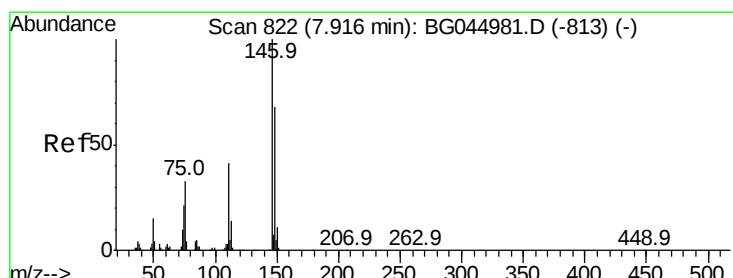
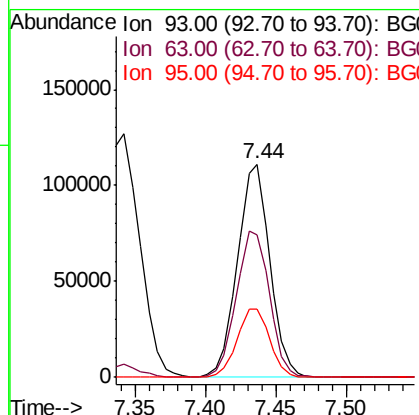
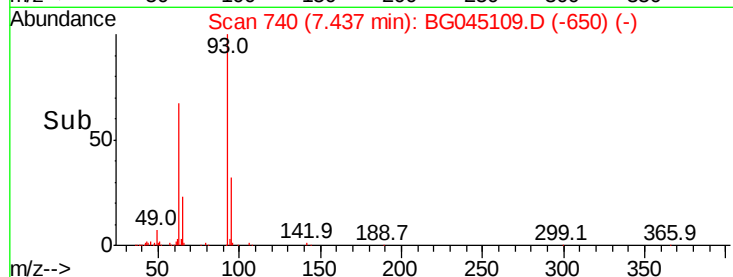
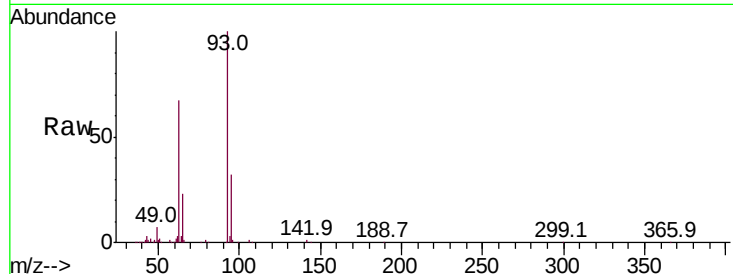
#11
bis(2-Chloroethyl)ether
Concen: 44.774 ng
RT: 7.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	178314		
63	66.8		51.8	91.8
95	32.0		13.8	53.8

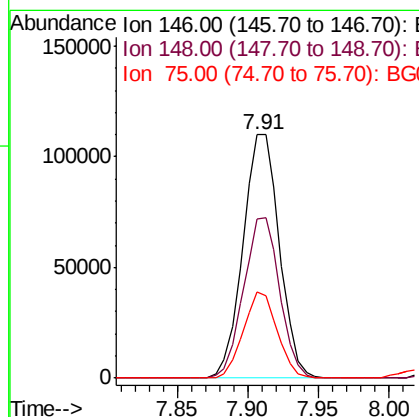
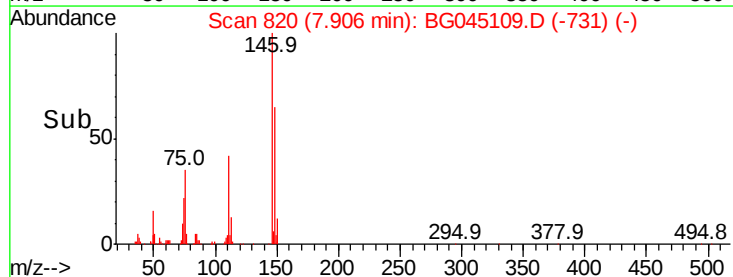
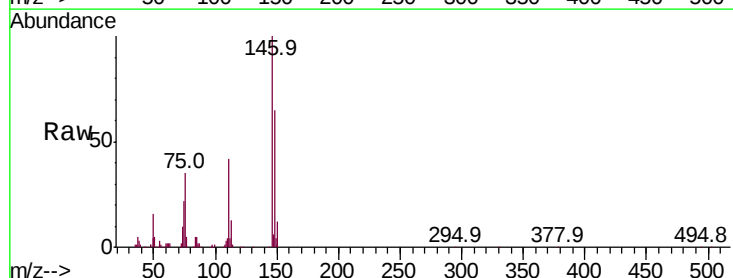
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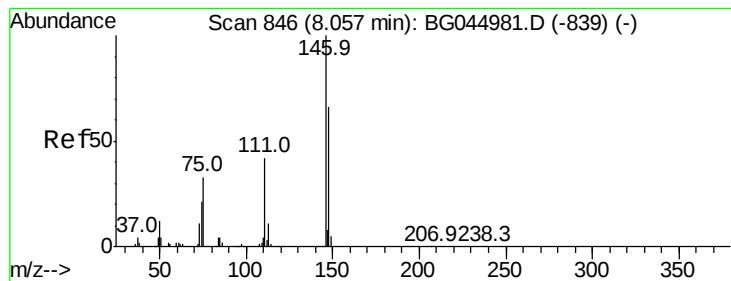
mohammad
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#12
1,3-Dichlorobenzene
Concen: 46.628 ng
RT: 7.91 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	198668		
148	65.2		54.6	81.8
75	35.2		26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 46.256 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA_G

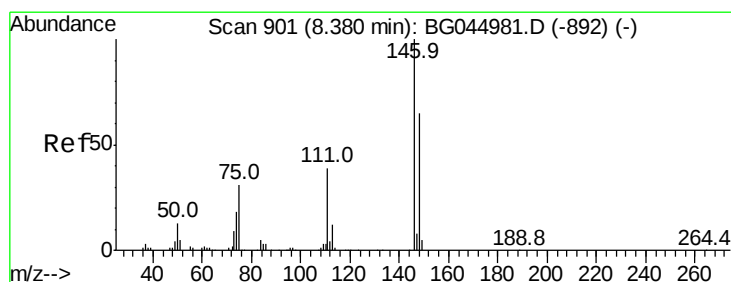
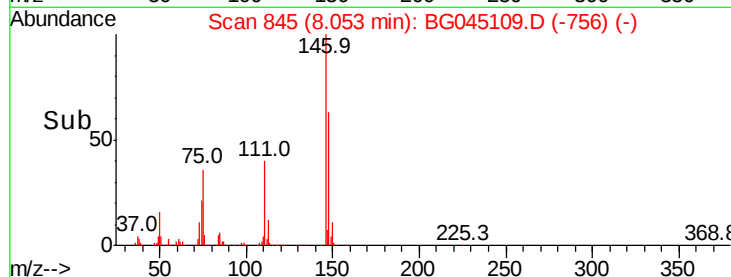
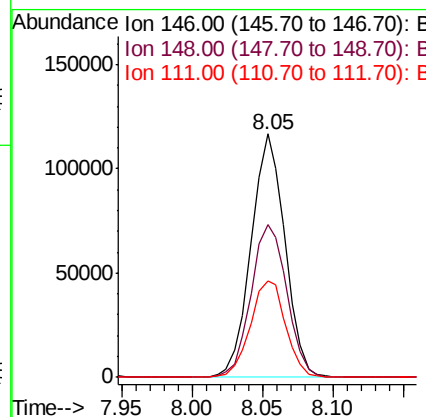
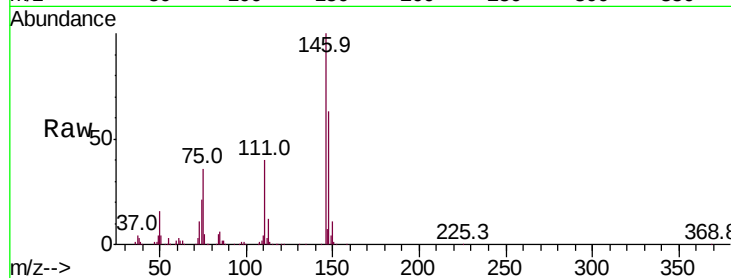
ClientSampleId :

PB128352BS

Tot Ion:	146	Resp:	196381
Ion Ratio	Lower	Upper	
146	100		
148	62.7	53.3	79.9
111	39.7	33.8	50.8

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#14

1,2-Dichlorobenzene

Concen: 46.679 ng

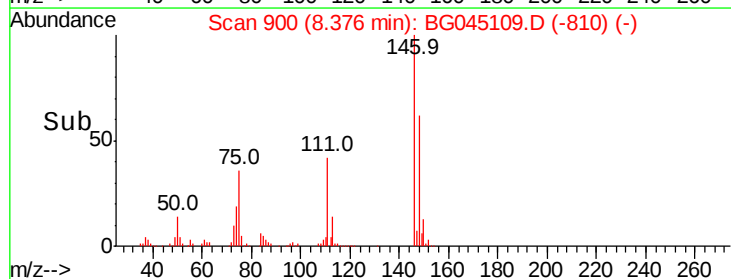
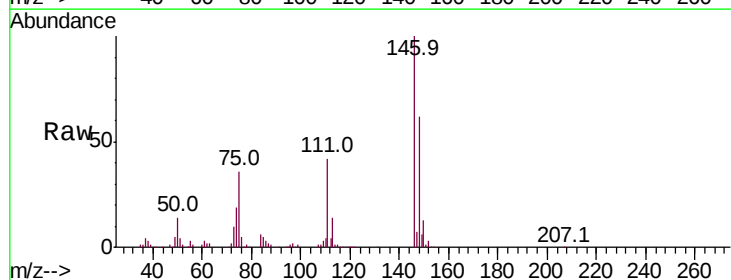
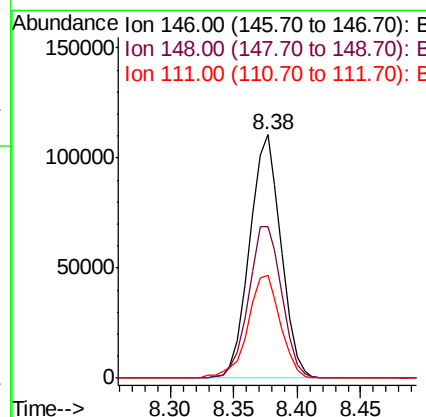
RT: 8.38 min Scan# 900

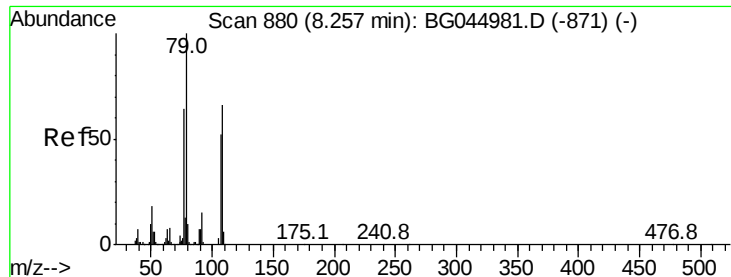
Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Tgt Ion:	146	Resp:	189594
Ion Ratio	Lower	Upper	
146	100		
148	62.1	51.9	77.9
111	42.2	31.3	46.9





#15

Benzyl Alcohol

Concen: 51.448 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA_G

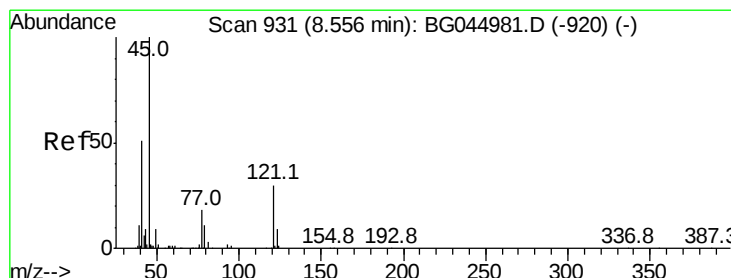
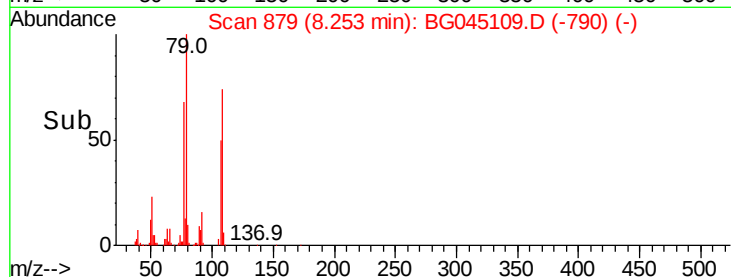
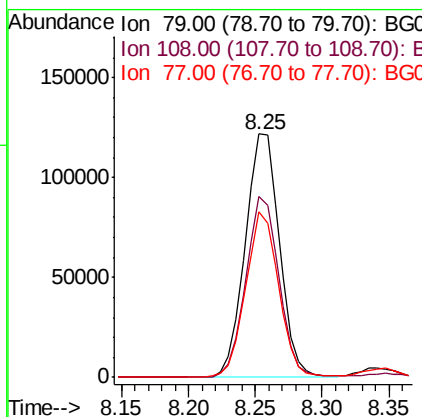
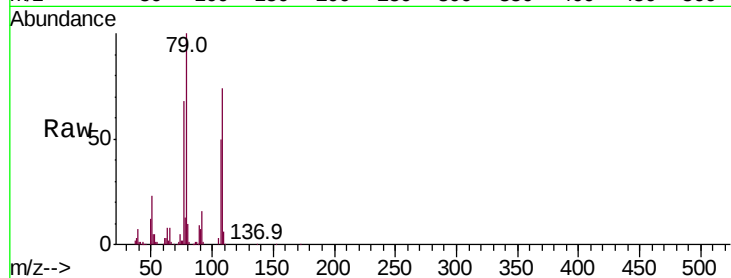
ClientSampleId :

PB128352BS

Tot Ion:	79	Resp:	215614
Ion Ratio	Lower	Upper	
79	100		
108	74.3	52.7	79.1
77	67.8	51.3	76.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.414 ng

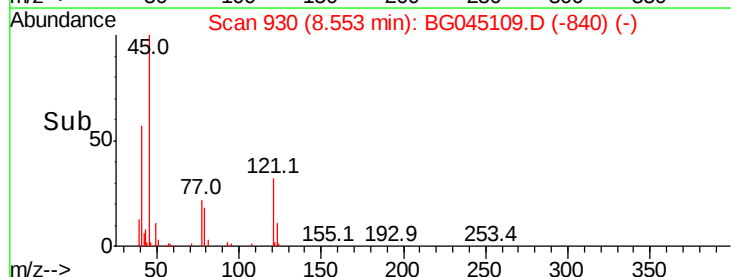
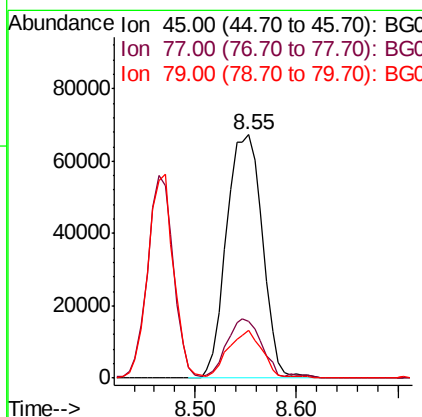
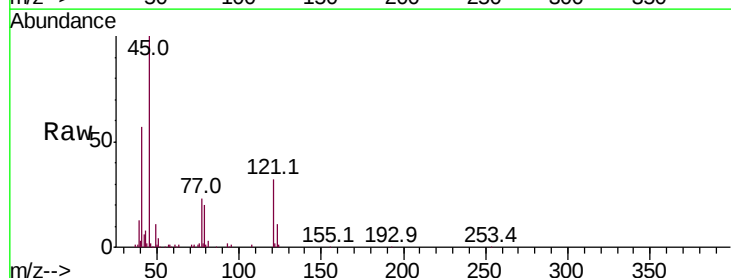
RT: 8.55 min Scan# 930

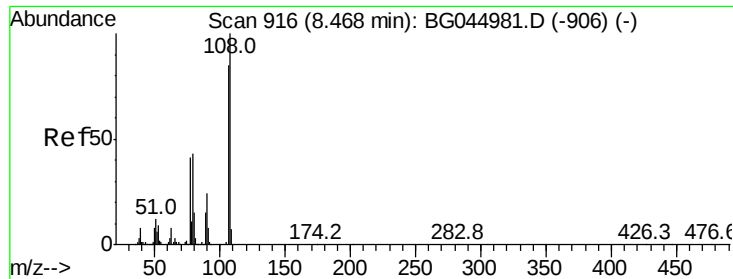
Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Tgt Ion:	45	Resp:	165811
Ion Ratio	Lower	Upper	
45	100		
77	23.1	1.9	41.9
79	19.6	0.0	35.5





#17

2-Methylphenol

Concen: 49.962 ng

RT: 8.46 min Scan# 915

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA_G

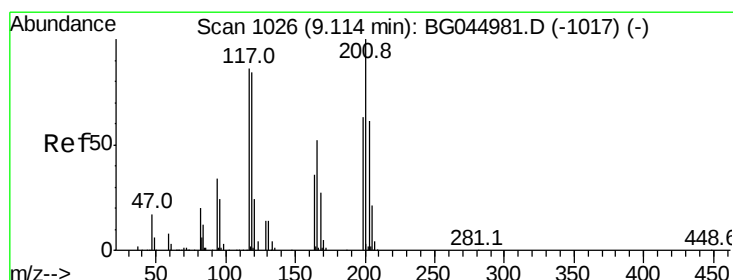
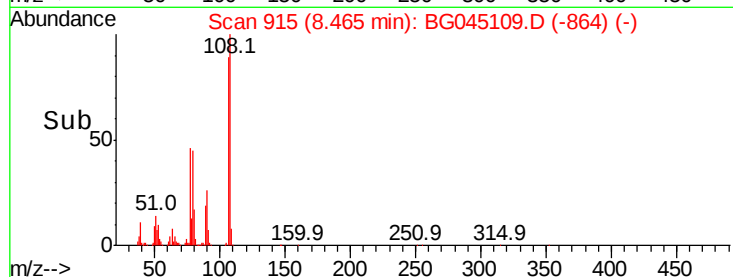
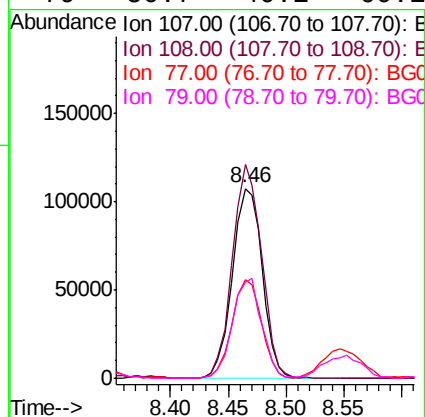
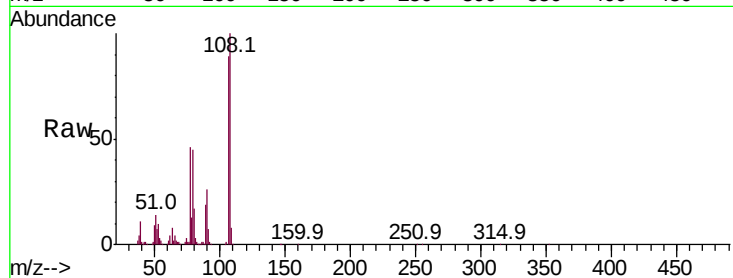
ClientSampleId :

PB128352BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	93.8	140.6	
77	52.3	38.5	57.7	
79	50.7	40.1	60.1	

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#18

Hexachloroethane

Concen: 46.491 ng

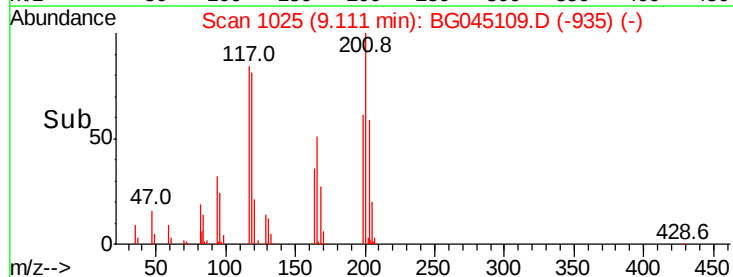
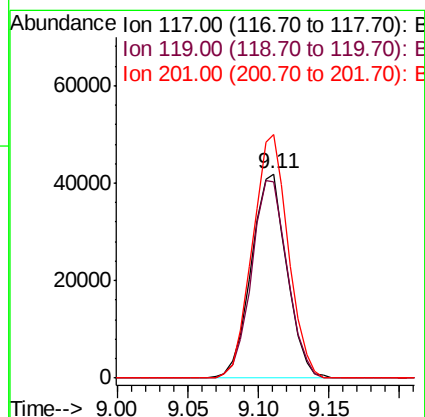
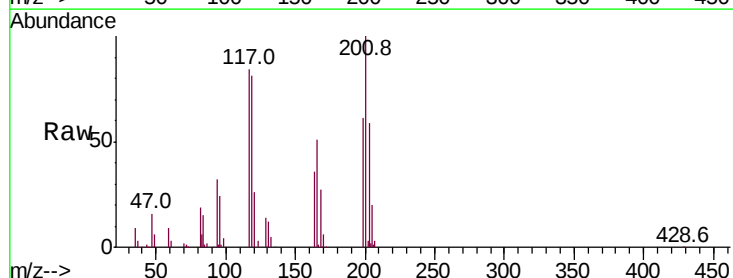
RT: 9.11 min Scan# 1025

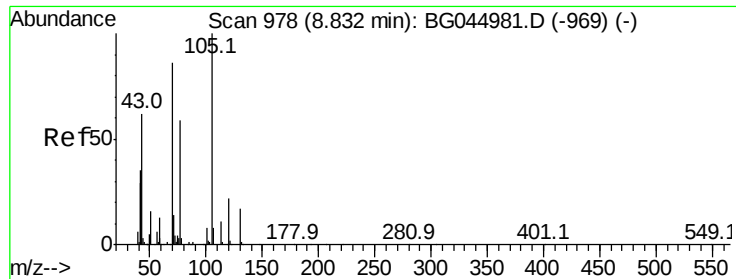
Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	78.3	117.5	
201	119.3	92.9	139.3	





#19

n-Nitroso-di-n-propylamine

Concen: 48.464 ng

RT: 8.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA_G

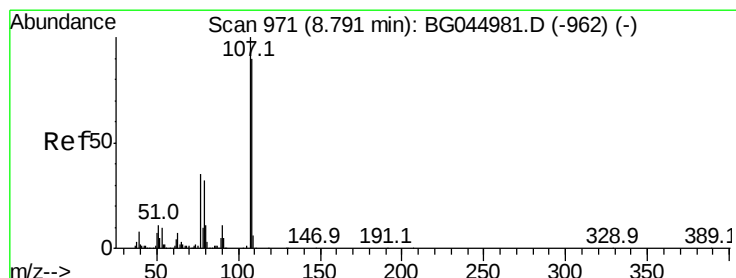
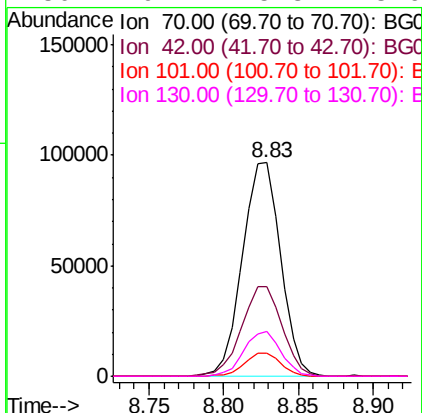
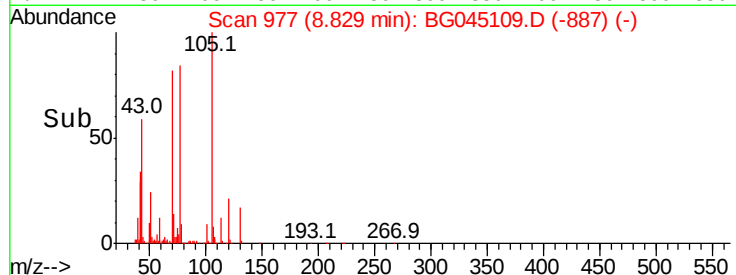
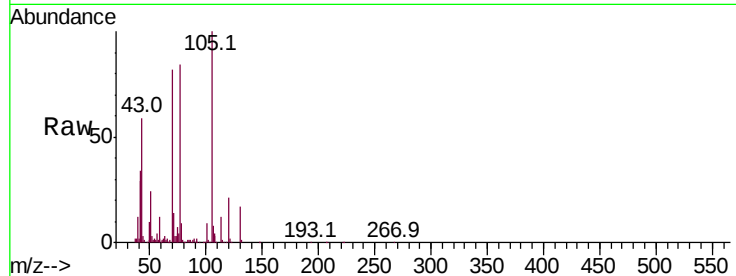
ClientSampleId :

PB128352BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	41.8	33.3	49.9	
101	10.6	7.8	11.8	
130	20.7	15.8	23.6	

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#20

3+4-Methylphenols

Concen: 50.632 ng

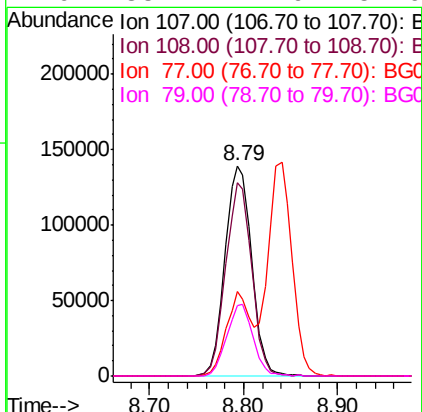
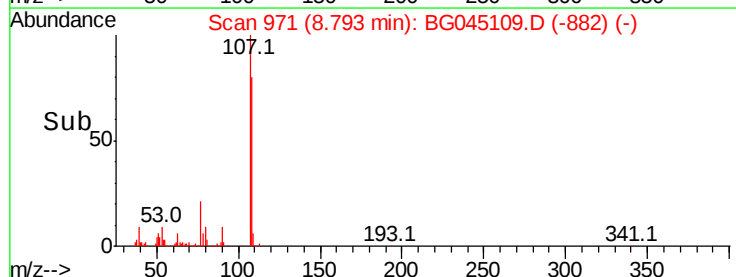
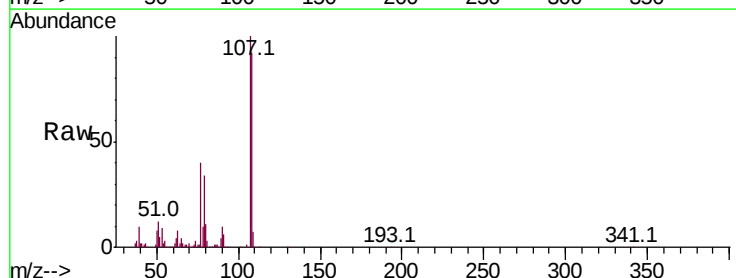
RT: 8.79 min Scan# 971

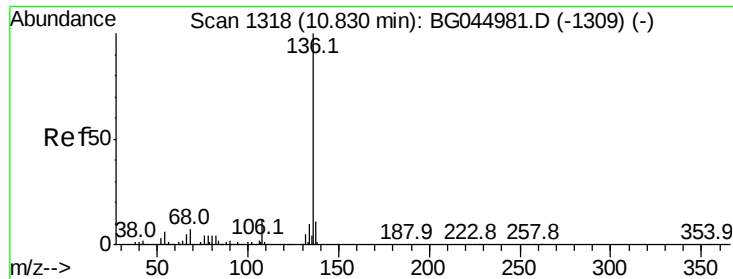
Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.0	69.9	109.9	
77	40.4	15.2	55.2	
79	33.7	11.6	51.6	





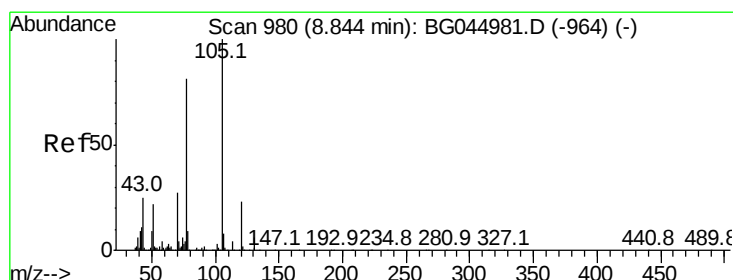
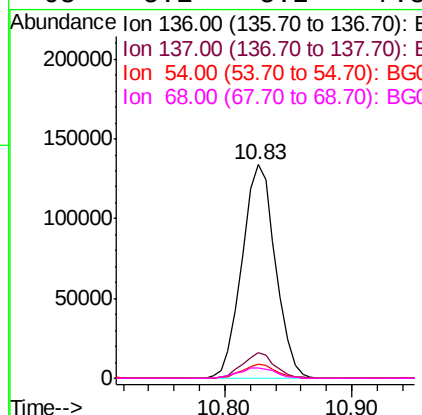
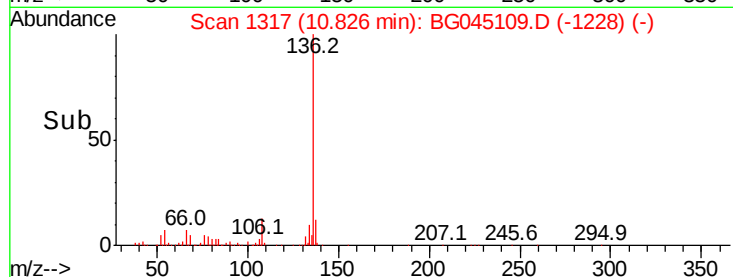
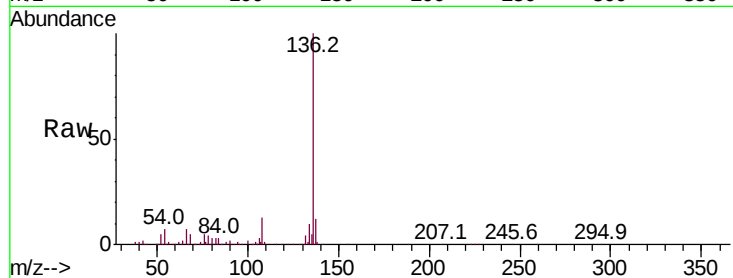
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.8	8.6	13.0	
54	6.7	4.8	7.2	
68	5.1	5.2	7.8	

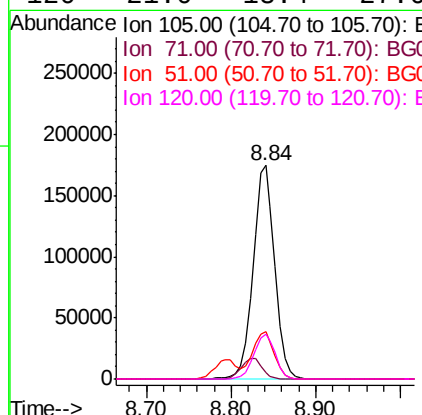
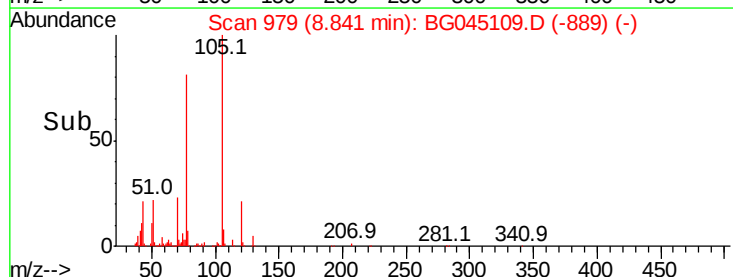
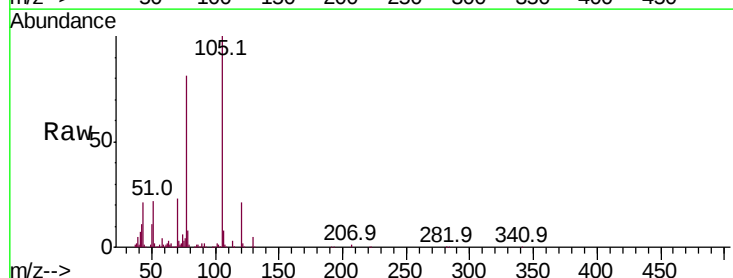
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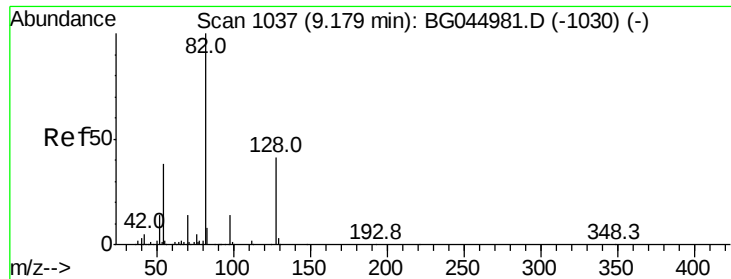
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#22
Acetophenone
Concen: 47.045 ng
RT: 8.84 min Scan# 979
Delta R.T. 0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.1	3.3	4.9	
51	22.1	17.3	25.9	
120	21.0	18.4	27.6	





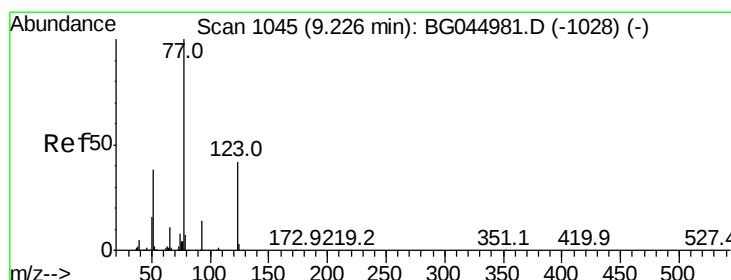
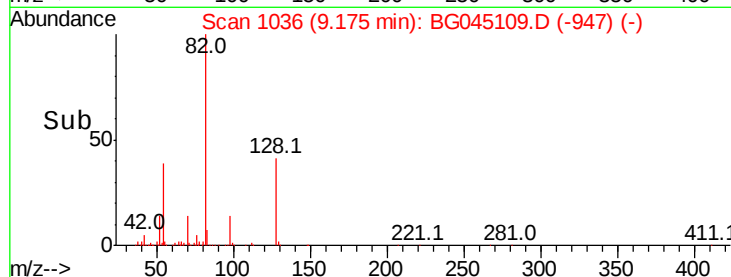
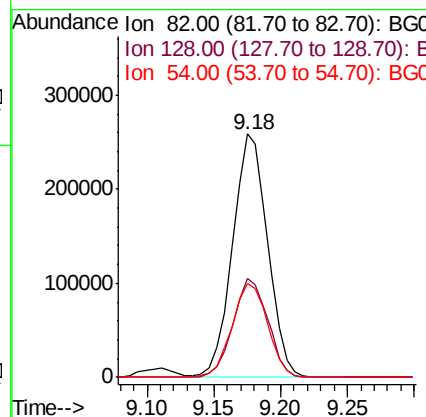
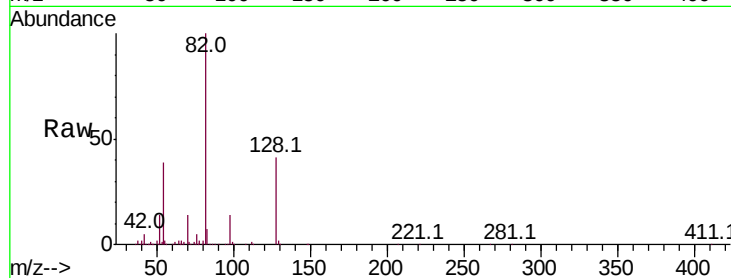
#23
Nitrobenzene-d5
Concen: 88.129 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.7	33.0	49.4
54	38.8	30.4	45.6

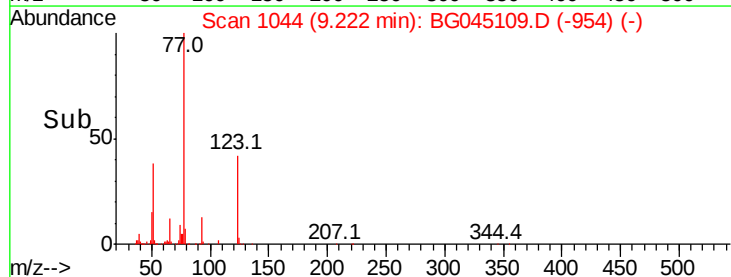
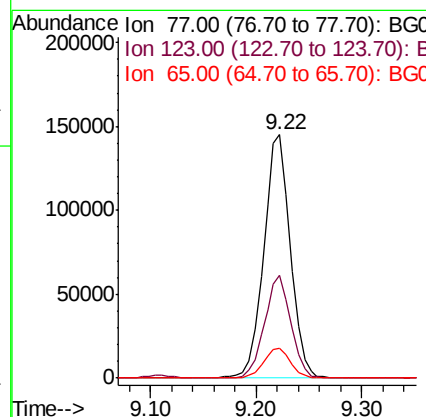
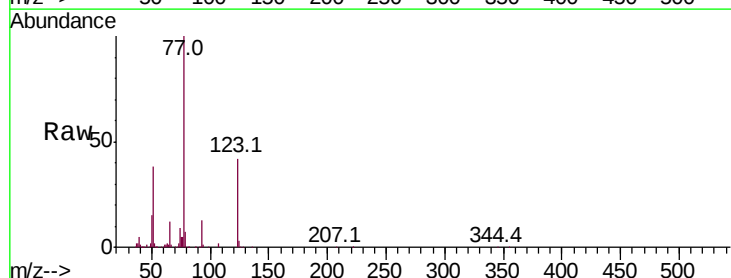
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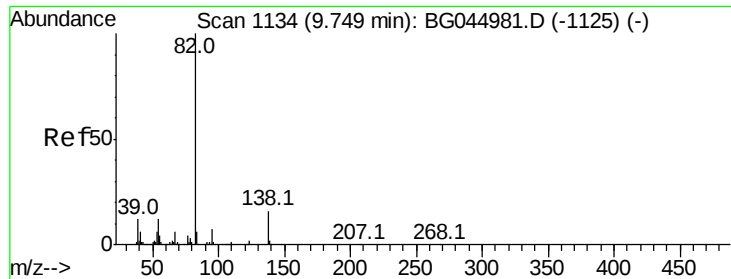
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#24
Nitrobenzene
Concen: 46.180 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.3	34.3	51.5
65	12.5	8.9	13.3





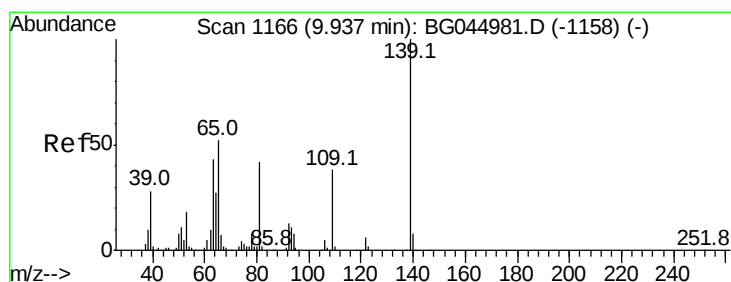
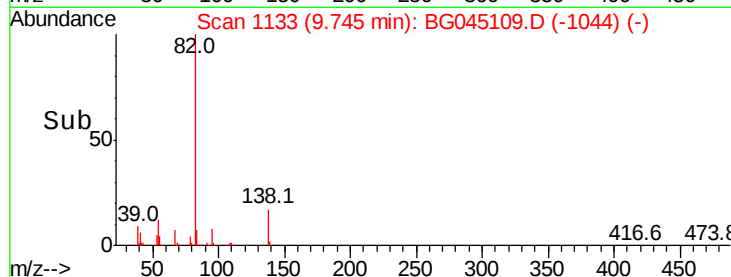
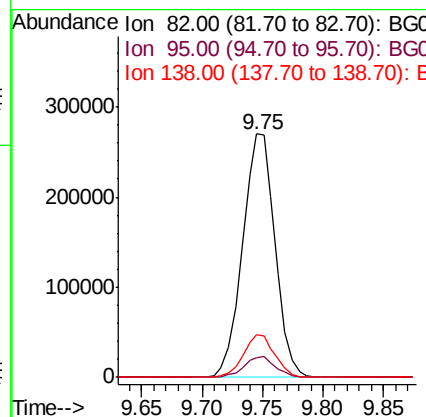
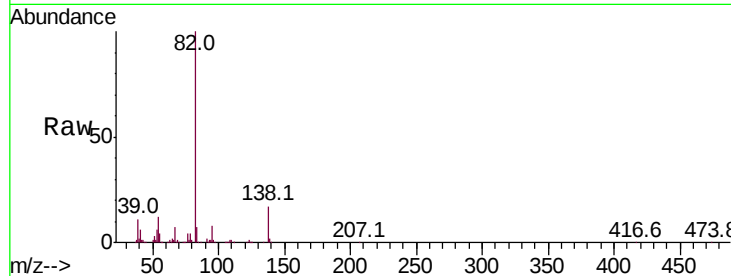
#25
Isophorone
Concen: 45.965 ng
RT: 9.75 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.0	6.0	9.0	
138	17.4	12.7	19.1	

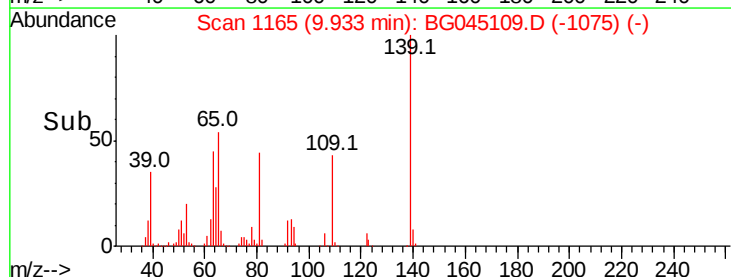
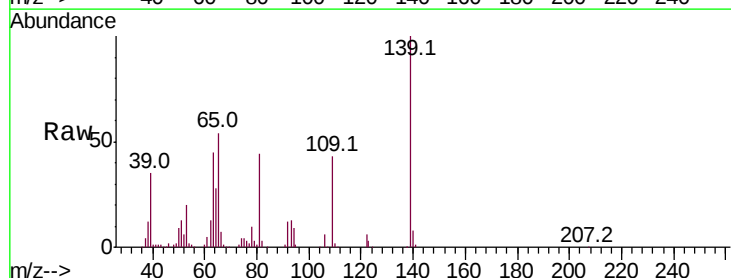
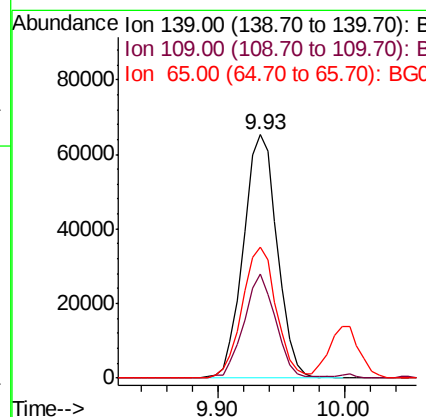
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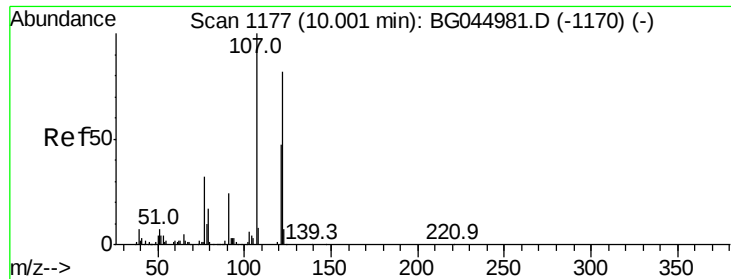
mohammad
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#26
2-Nitrophenol
Concen: 50.943 ng
RT: 9.93 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	42.6	30.6	45.8	
65	53.9	41.8	62.6	





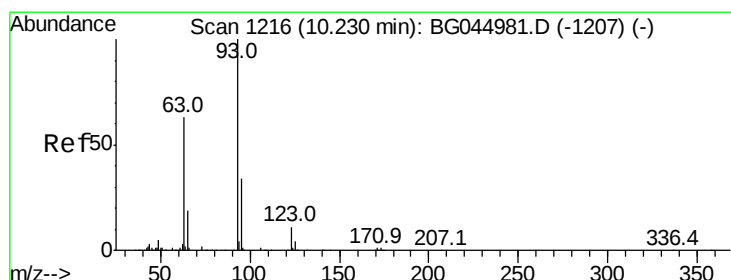
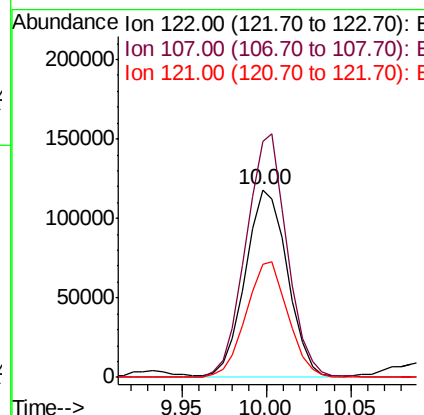
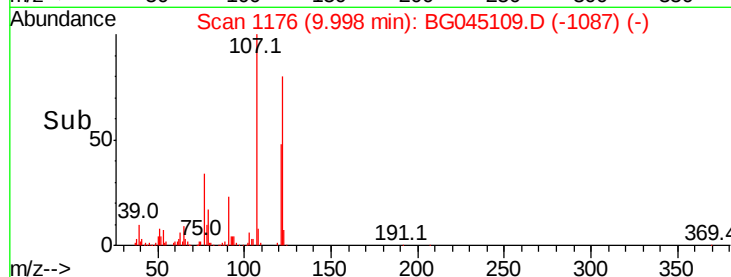
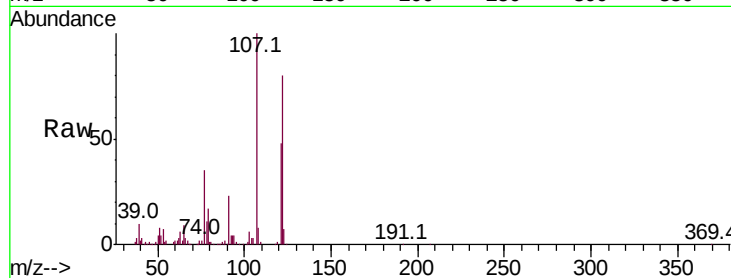
#27
2,4-Dimethylphenol
Concen: 54.754 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	205069		
107	125.6	96.8	145.2	
121	59.9	45.6	68.4	

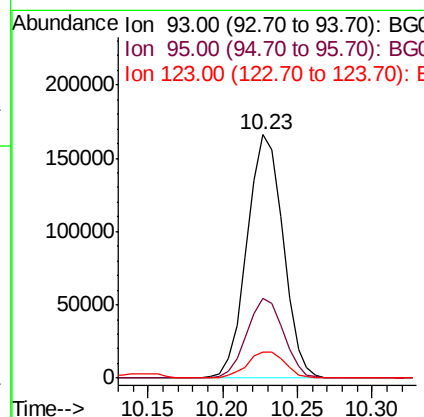
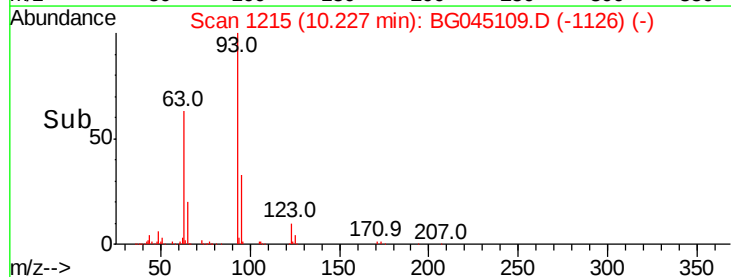
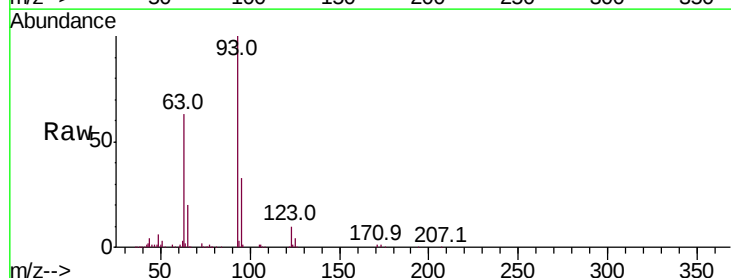
Manual Integrations
APPROVED

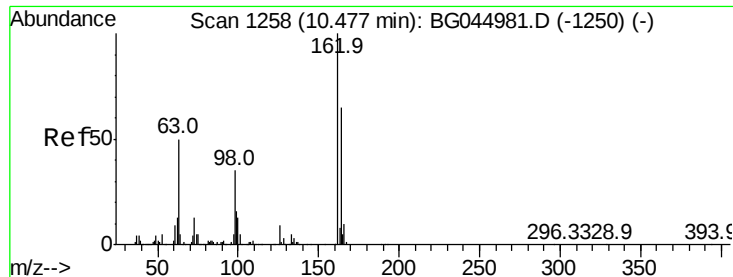
mohammad
4/24/2020 4:18:43 AM



#28
bis(2-Chloroethoxy)methane
Concen: 48.244 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	277506		
95	32.8	27.0	40.4	
123	10.4	8.7	13.1	





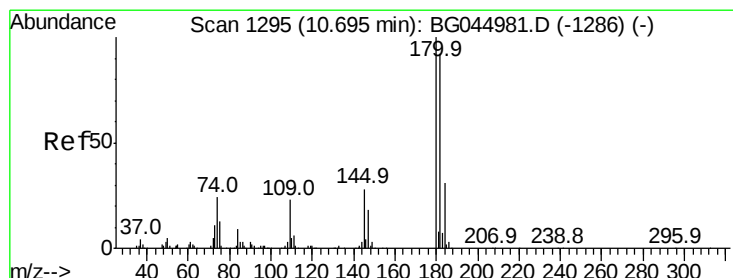
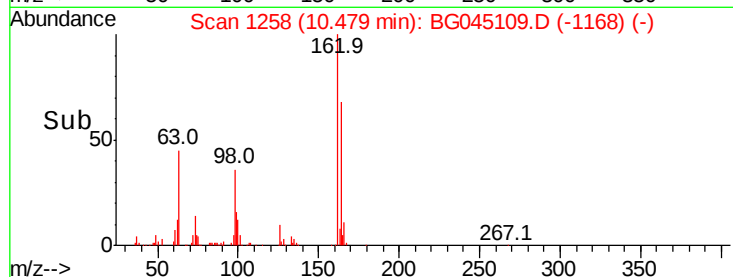
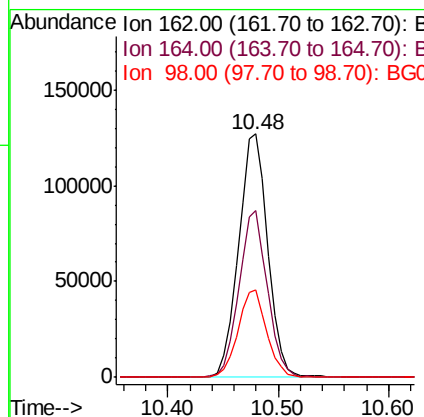
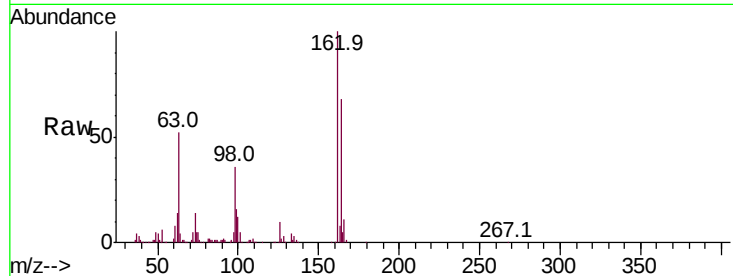
#29
2,4-Dichlorophenol
Concen: 54.419 ng
RT: 10.48 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	235342		
164	68.3	45.0	85.0	
98	35.7	15.2	55.2	

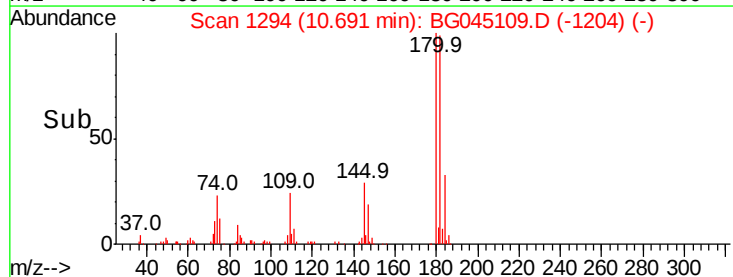
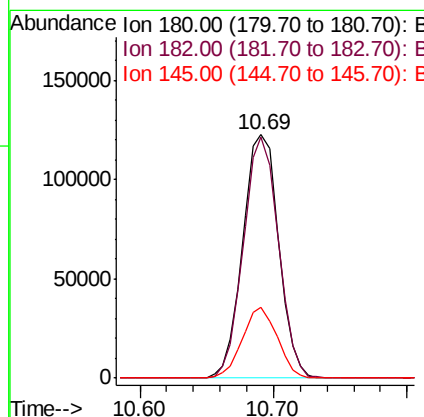
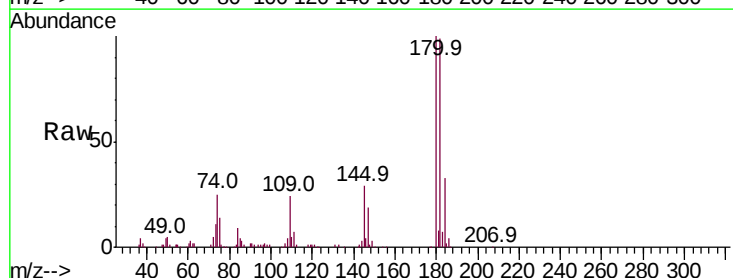
Manual Integrations
APPROVED

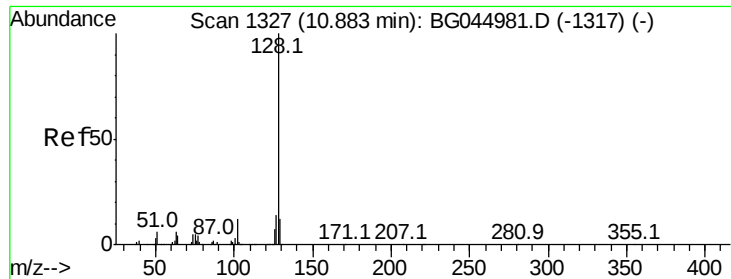
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 46.436 ng
RT: 10.69 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	227370		
182	98.9	73.3	109.9	
145	29.0	22.6	33.8	





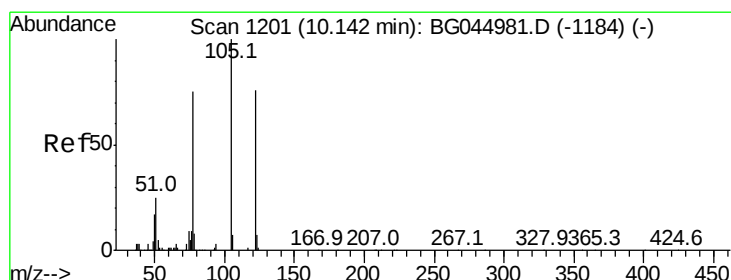
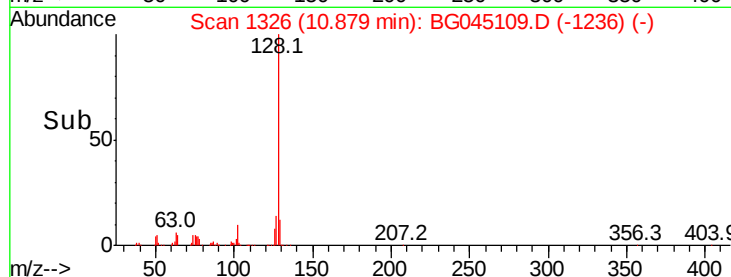
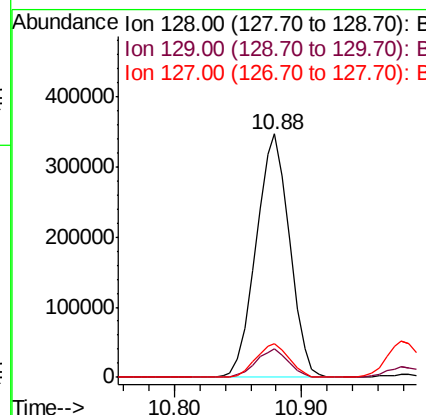
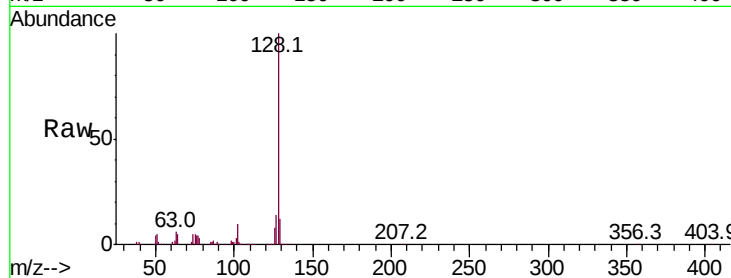
#31
Naphthalene
Concen: 47.628 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	13.9	10.8	16.2

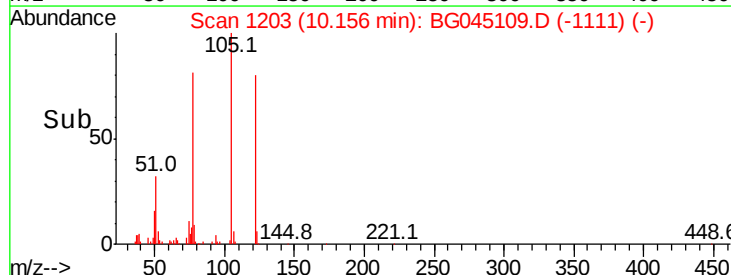
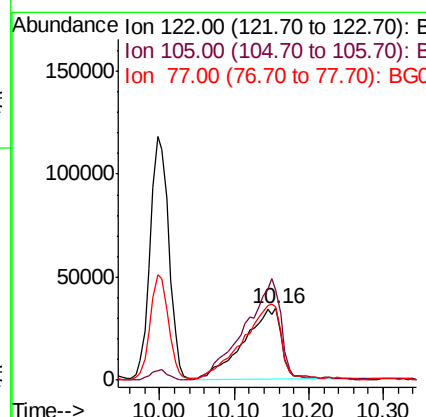
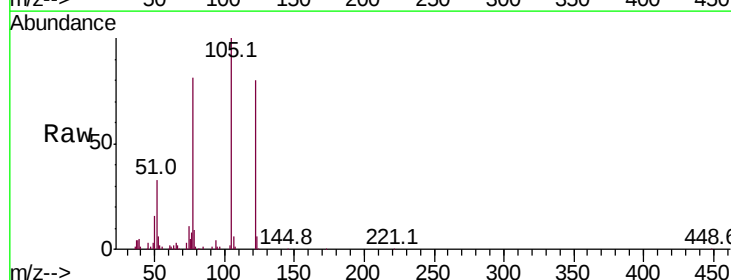
Manual Integrations
APPROVED

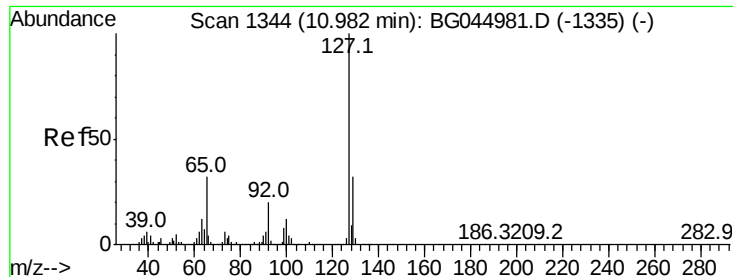
mohammad
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#32
Benzoic acid
Concen: 41.752 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.6	108.4	148.4
77	101.9	78.8	118.8





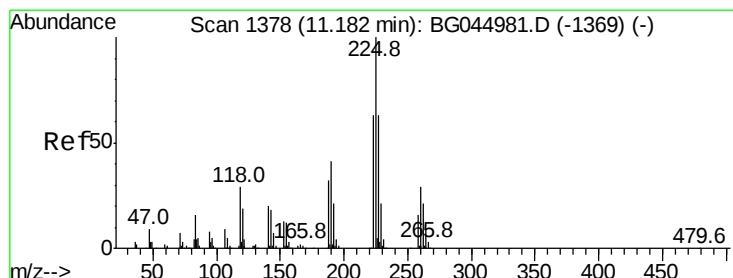
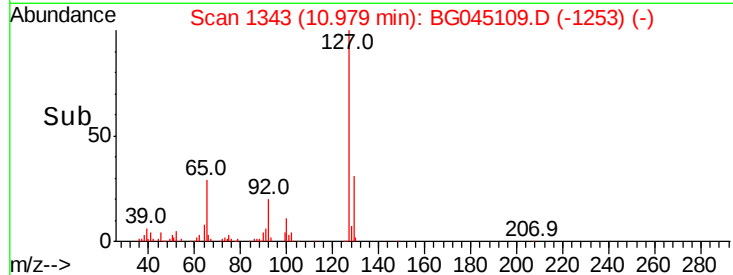
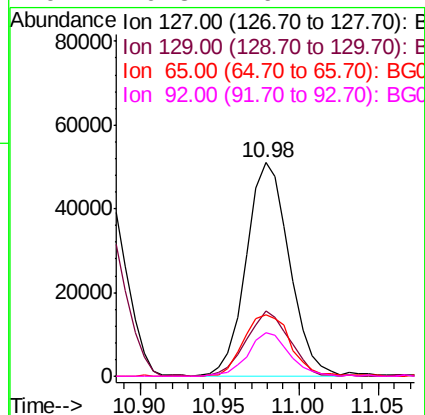
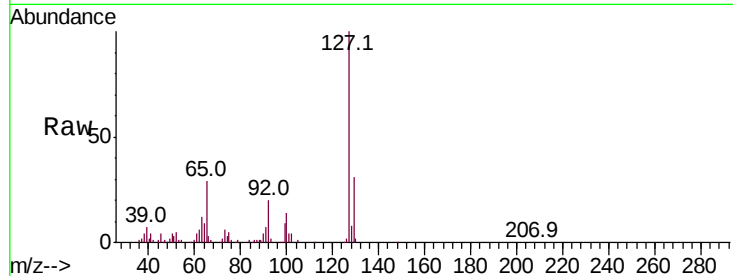
#33
4-Chloroaniline
Concen: 15.498 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB128352BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.5	25.7	38.5		
65	28.8	25.4	38.2		
92	20.3	16.1	24.1		

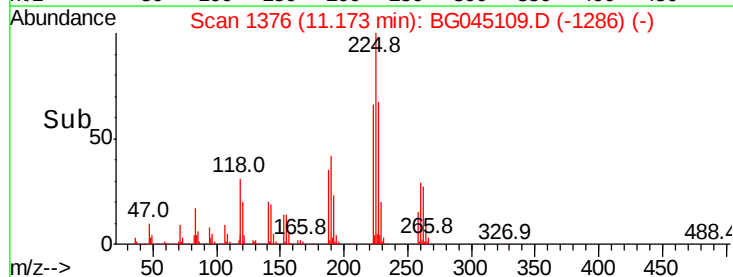
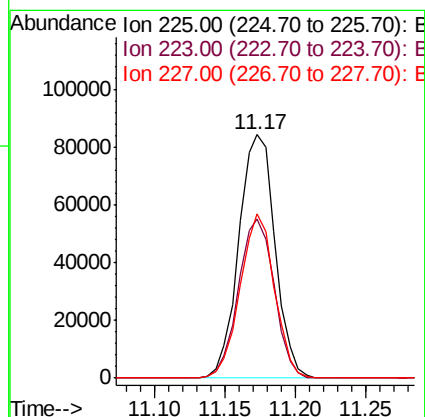
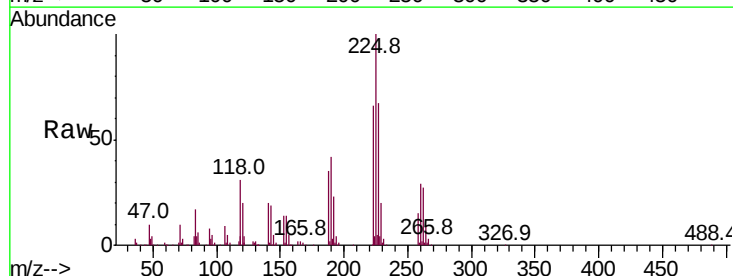
Manual Integrations
APPROVED

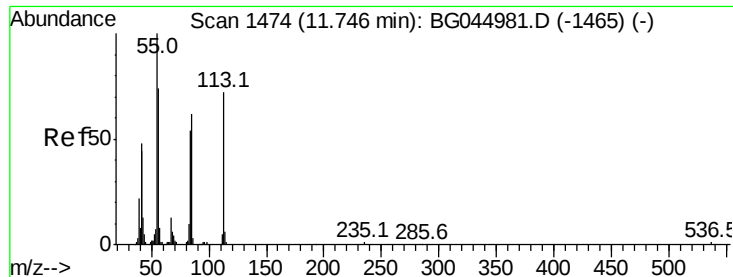
mohammad
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#34
Hexachlorobutadiene
Concen: 45.098 ng
RT: 11.17 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.6	50.7	76.1		
227	67.3	50.2	75.2		





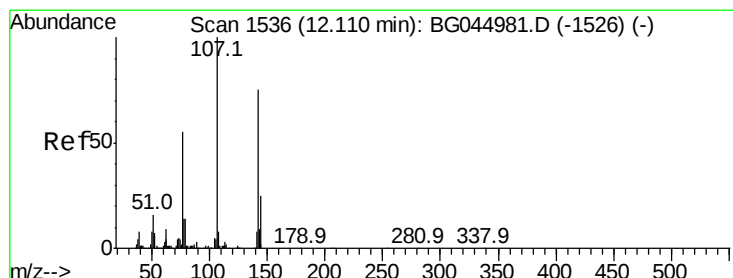
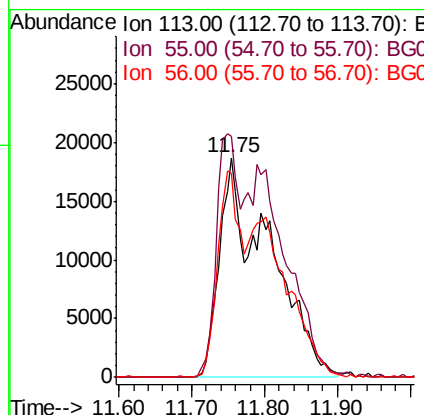
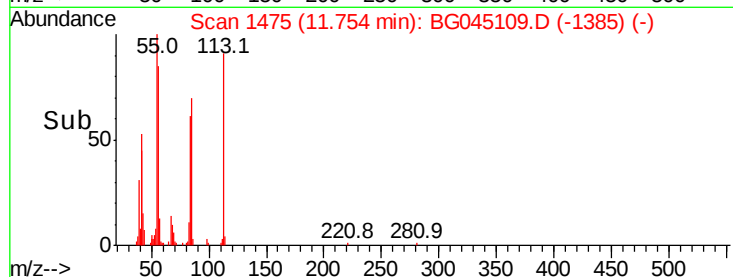
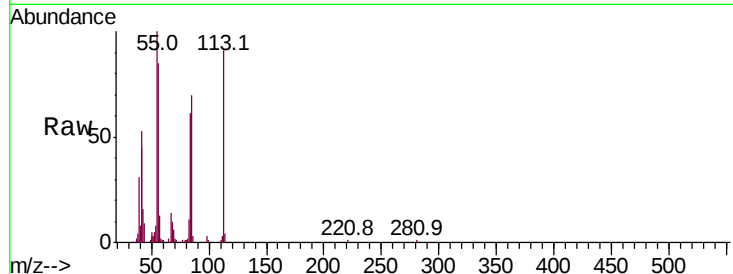
#35
 Caprolactam
 Concen: 51.529 ng/ml
 RT: 11.75 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BG045109.D
 Acq: 21 Apr 2020 13:18

Instrument :
 BNA_G
 ClientSampleId :
 PB128352BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	109.9	118.8	158.8#
56	93.1	82.6	122.6

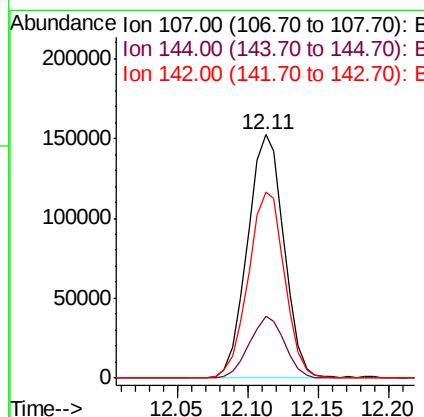
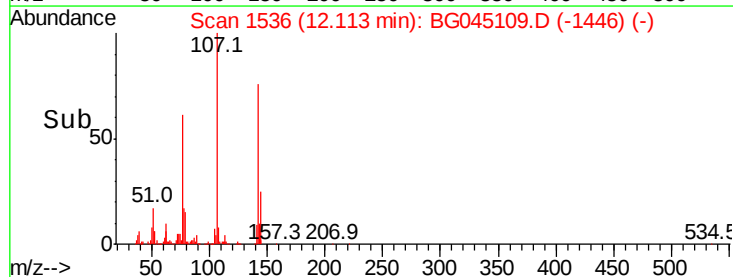
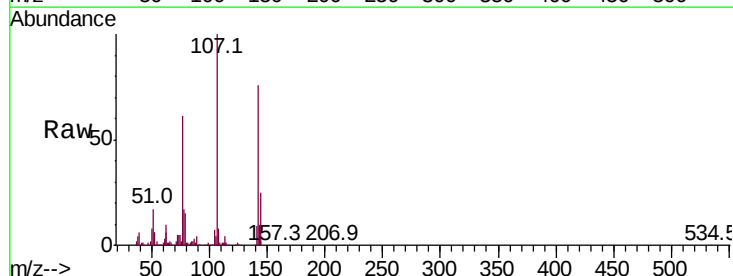
Manual Integrations
 APPROVED

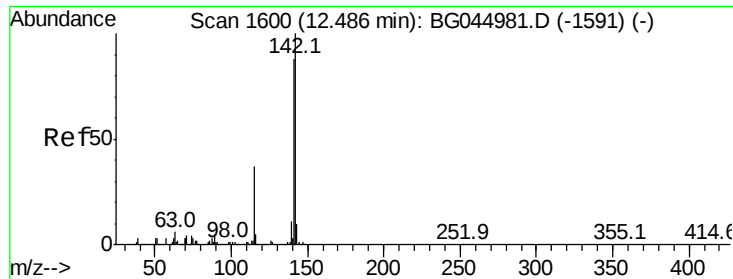
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 54.273 ng/ml
 RT: 12.11 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BG045109.D
 Acq: 21 Apr 2020 13:18

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	19.8	29.6
142	76.3	59.7	89.5





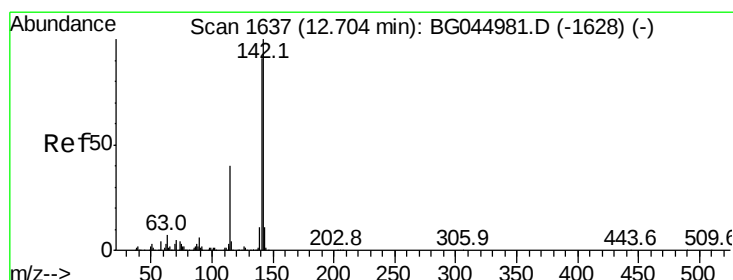
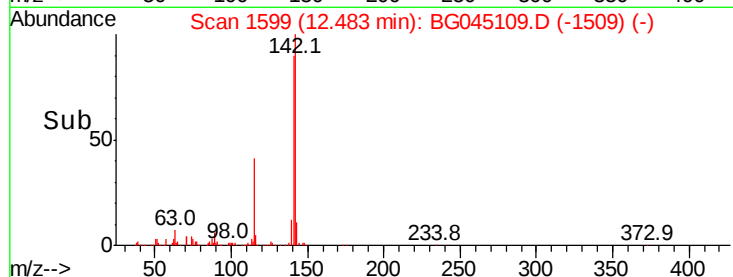
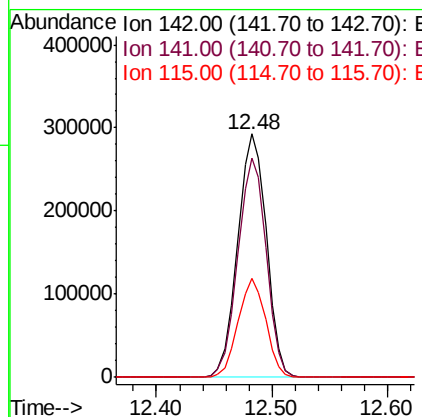
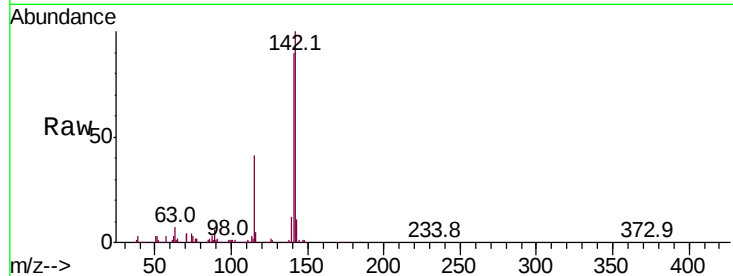
#37
2-Methylnaphthalene
Concen: 48.592 ng
RT: 12.48 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.3	105.5
115	40.9	29.8	44.6

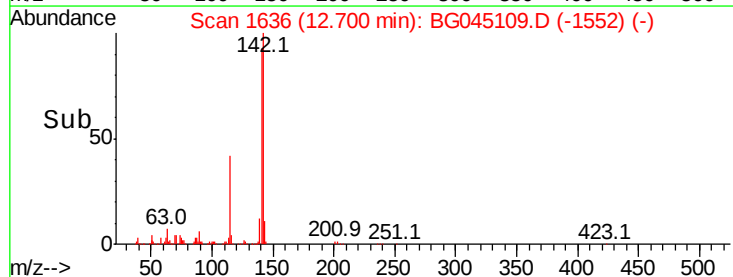
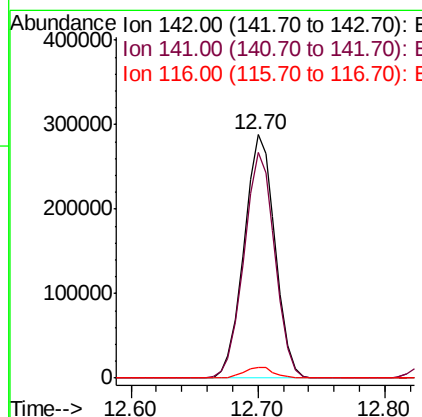
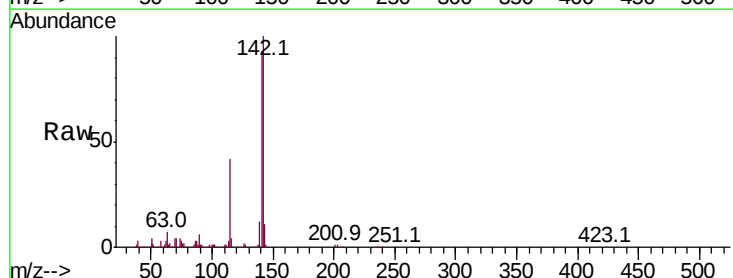
Manual Integrations
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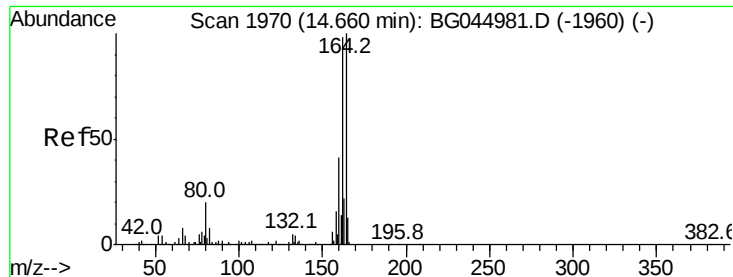
mohammad
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#38
1-Methylnaphthalene
Concen: 49.879 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	72.7	109.1
116	4.1	3.1	4.7





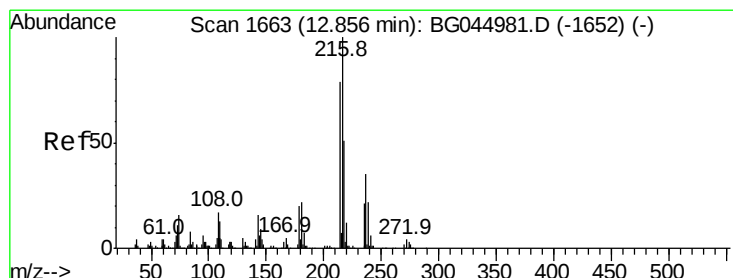
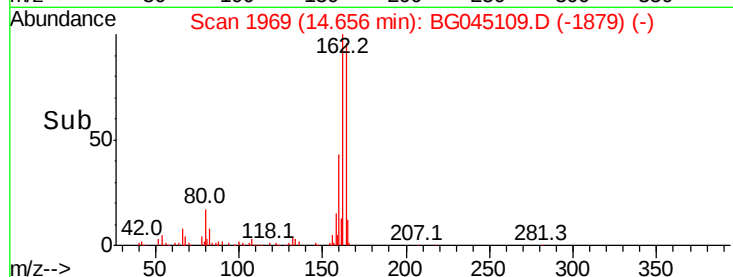
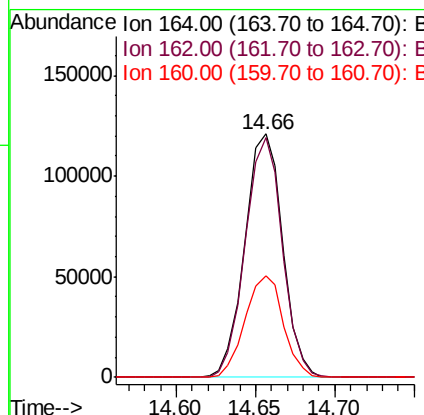
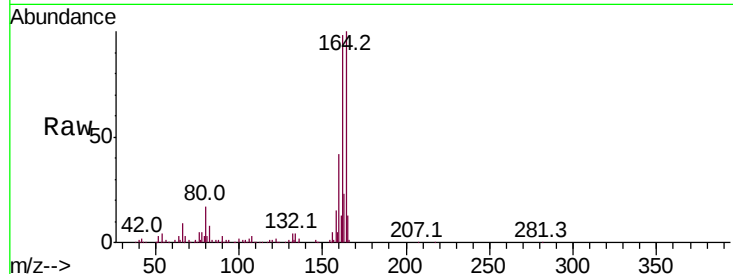
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.4	78.7	118.1
160	41.9	32.8	49.2

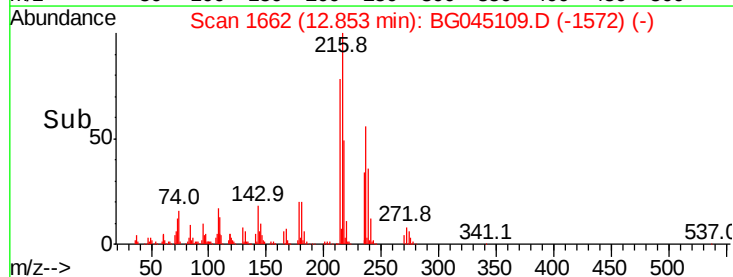
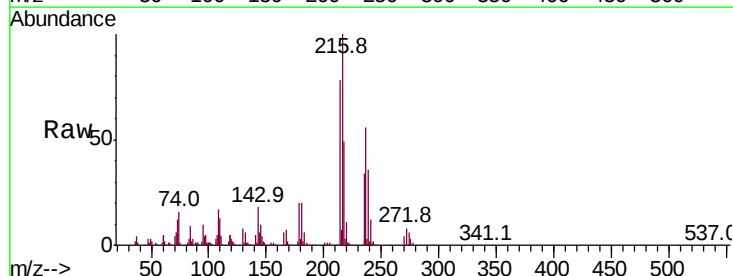
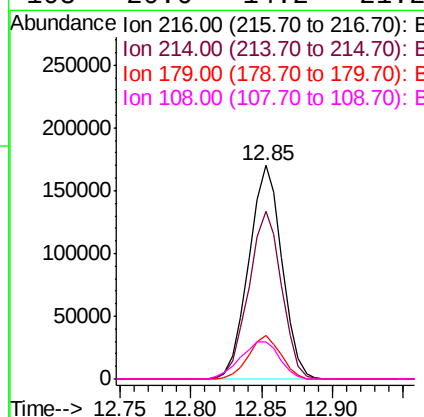
Manual Integrations
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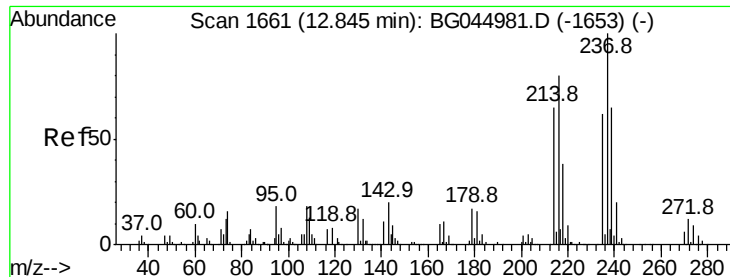
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.520 ng
RT: 12.85 min Scan# 1662
Delta R.T. 0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.7	63.0	94.6
179	19.7	15.8	23.8
108	20.6	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 101.764 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA_G

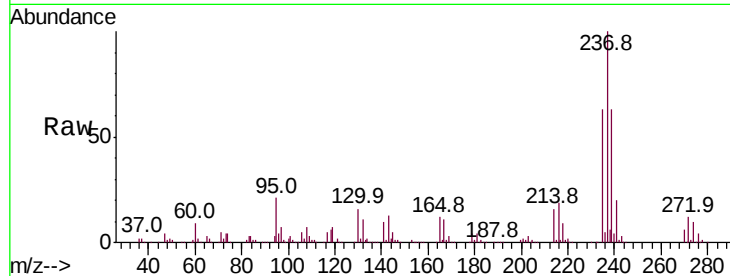
ClientSampleId :

PB128352BS

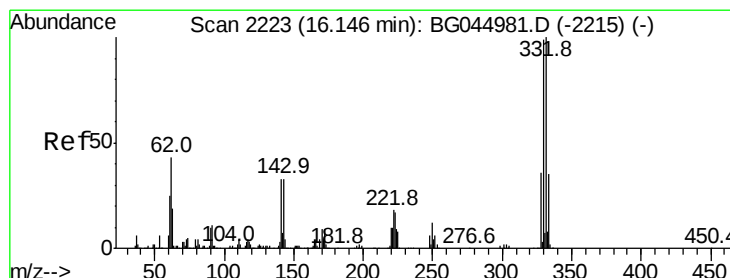
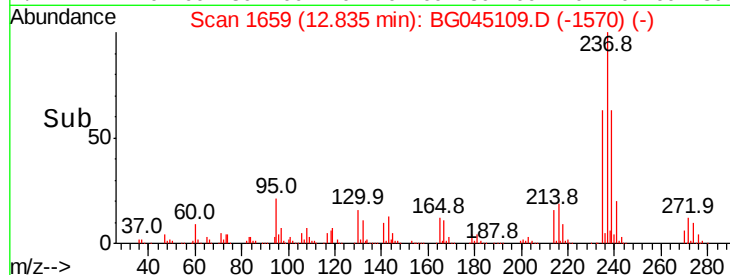
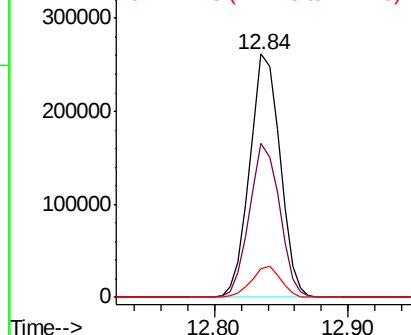
Tot Ion:	237	Resp:	409973
Ion Ratio	Lower	Upper	
237	100		
235	63.0	41.6	81.6
272	11.6	0.0	32.1

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 135.980 ng

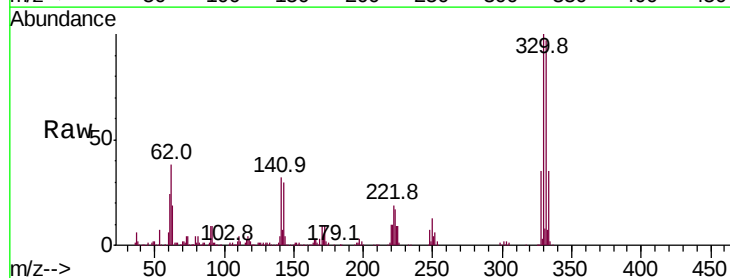
RT: 16.15 min Scan# 2223

Delta R.T. 0.00 min

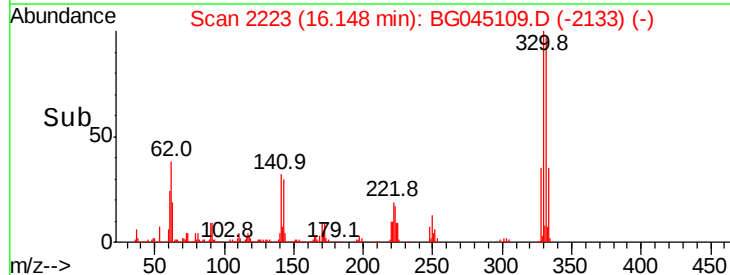
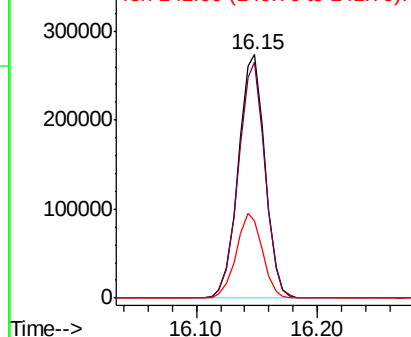
Lab File: BG045109.D

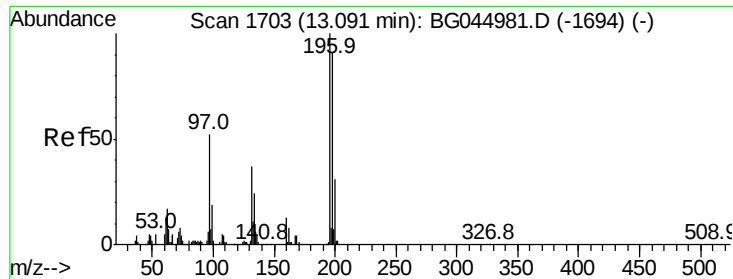
Acq: 21 Apr 2020 13:18

Tgt Ion:	330	Resp:	420549
Ion Ratio	Lower	Upper	
330	100		
332	96.8	79.1	118.7
141	34.4	27.1	40.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





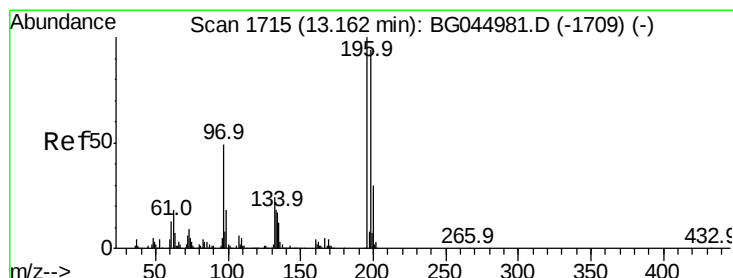
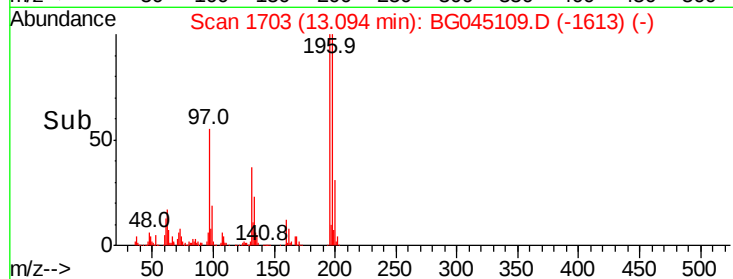
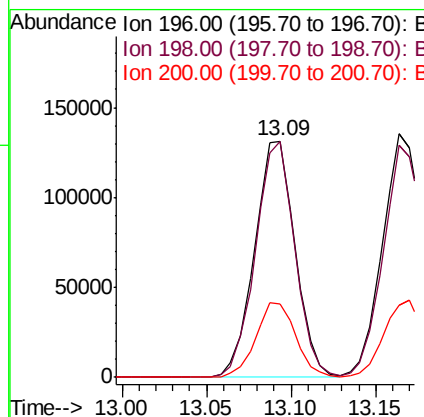
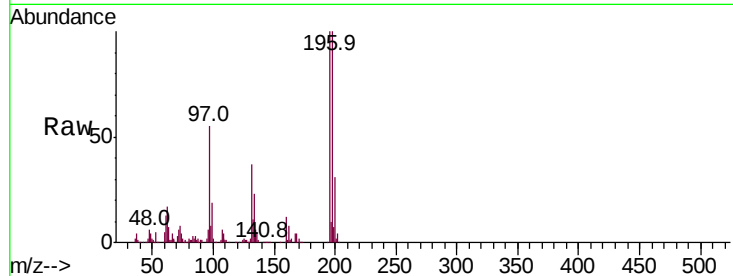
#43
2,4,6-Trichlorophenol
Concen: 47.923 ng
RT: 13.09 min Scan# 1703
Delta R.T. 0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	218010		
198	99.9	72.5	108.7	
200	31.0	24.5	36.7	

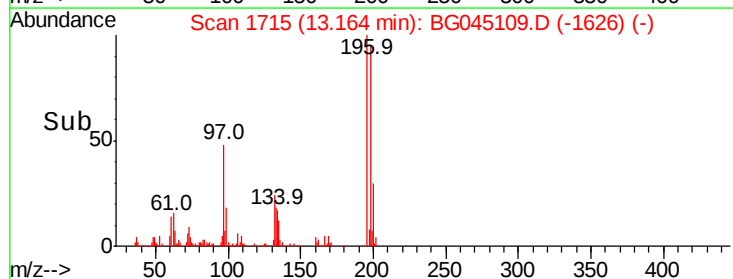
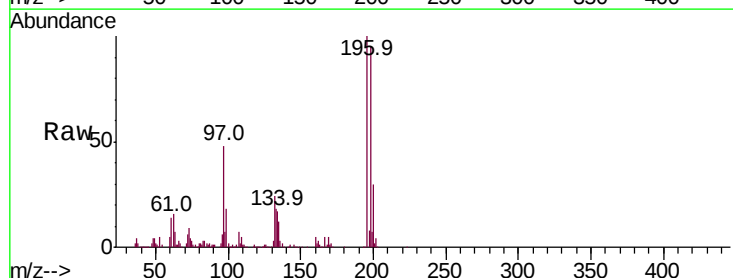
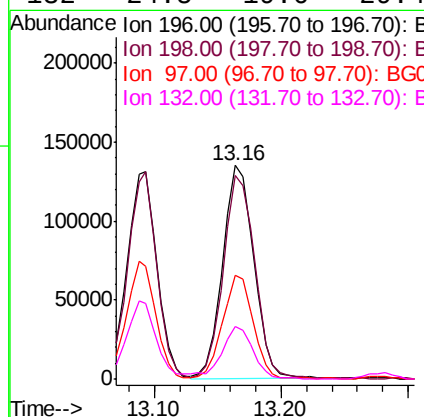
Manual Integrations
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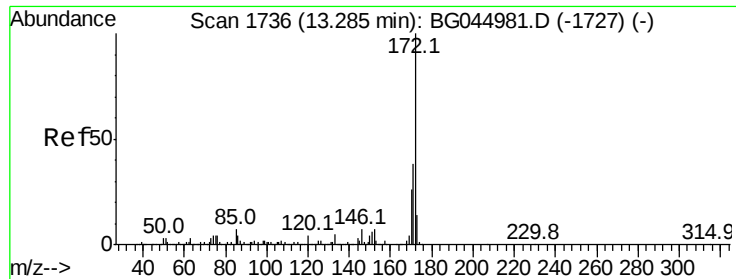
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 44.590 ng
RT: 13.16 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	230892		
198	95.4	75.7	113.5	
97	48.4	39.6	59.4	
132	24.5	19.6	29.4	





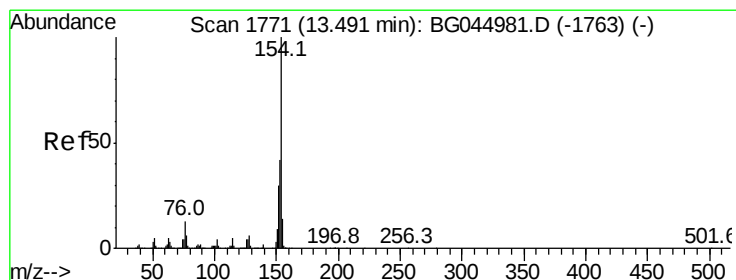
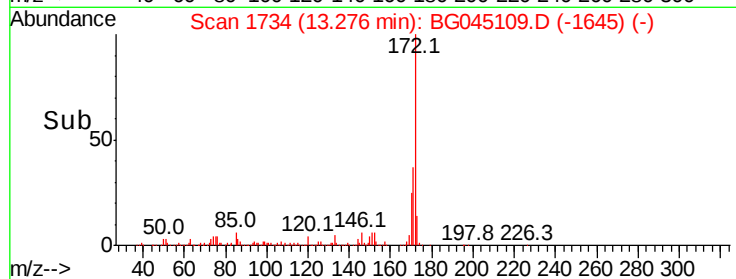
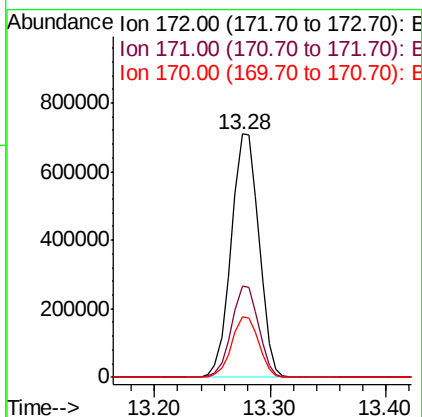
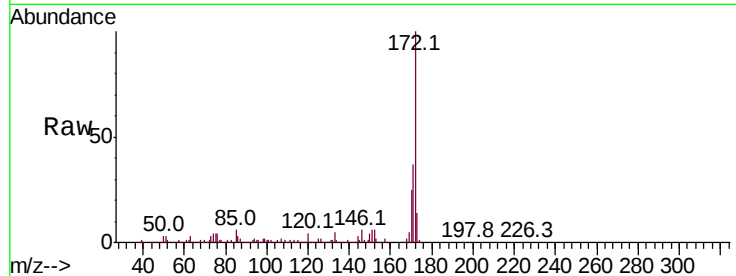
#45
2-Fluorobiphenyl
Concen: 86.201 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.6	46.0
170	24.8	20.5	30.7

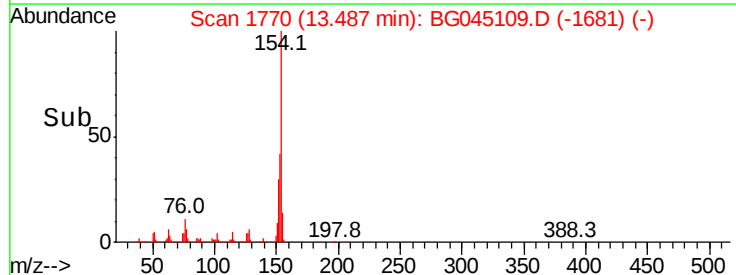
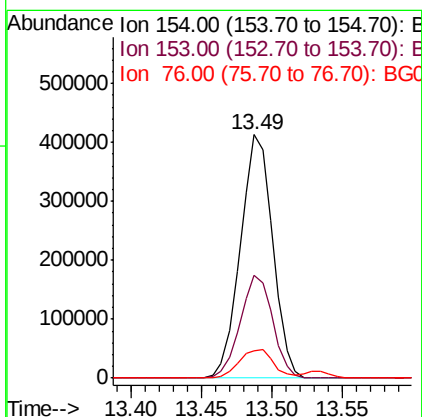
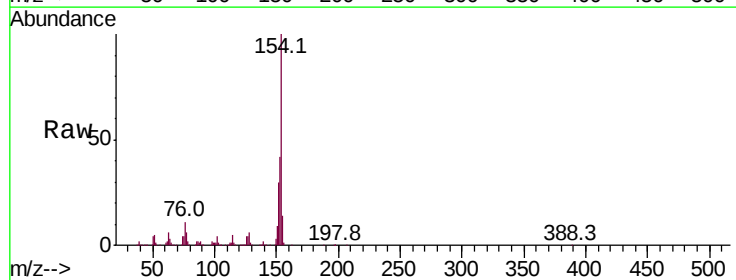
Manual Integrations
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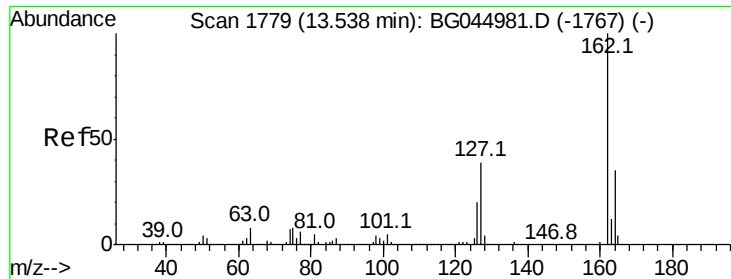
mohammad
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#46
1,1'-Biphenyl
Concen: 43.416 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	21.9	61.9
76	11.4	0.0	33.1





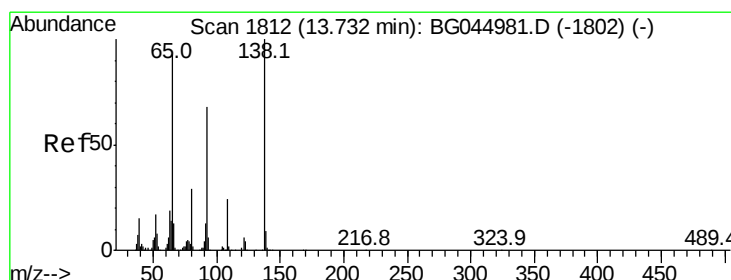
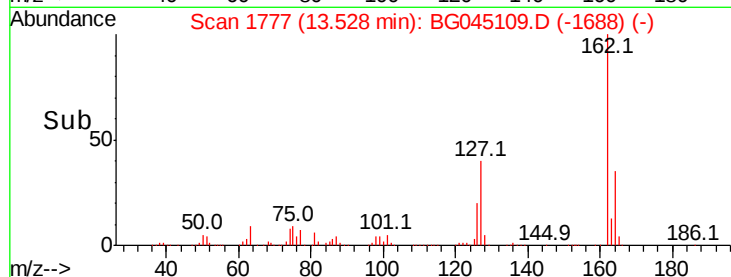
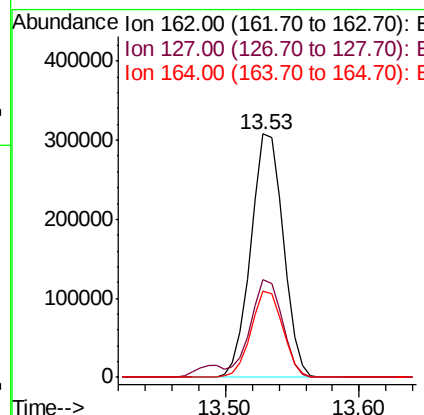
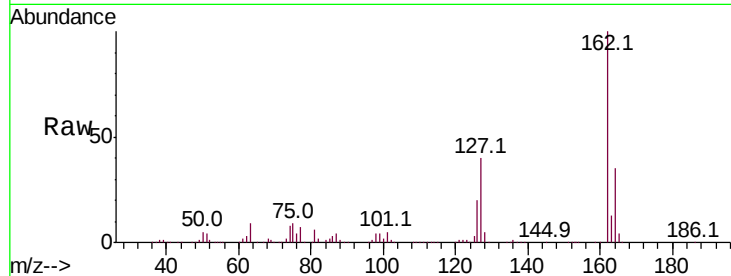
#47
 2-Chloronaphthalene
 Concen: 44.323 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG045109.D
 Acq: 21 Apr 2020 13:18

Instrument :
 BNA_G
 ClientSampleId :
 PB128352BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	31.3	46.9
164	35.1	27.8	41.8

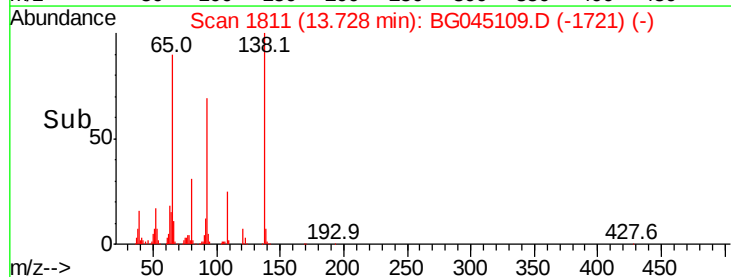
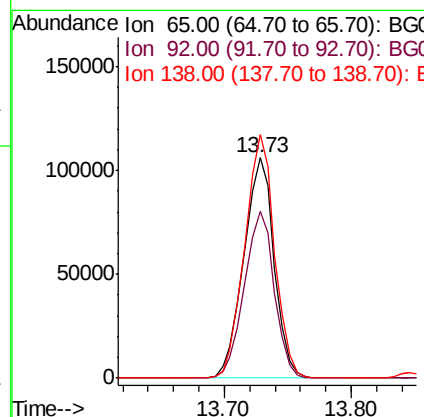
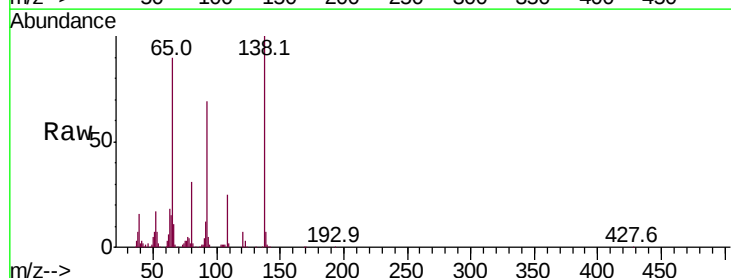
Manual Integrations
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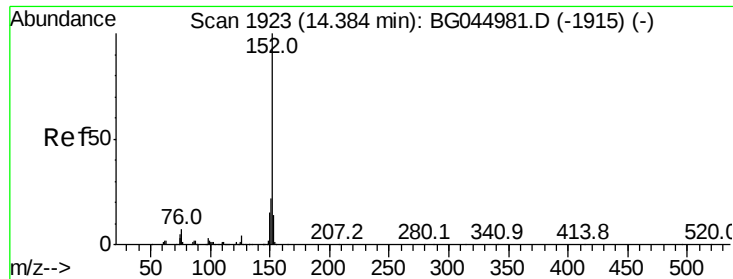
mohammad
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#48
 2-Nitroaniline
 Concen: 46.031 ng
 RT: 13.73 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: BG045109.D
 Acq: 21 Apr 2020 13:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.9	58.3	87.5
138	110.6	85.6	128.4





#49

Acenaphthylene

Concen: 46.233 ng

RT: 14.38 min Scan# 1922

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA_G

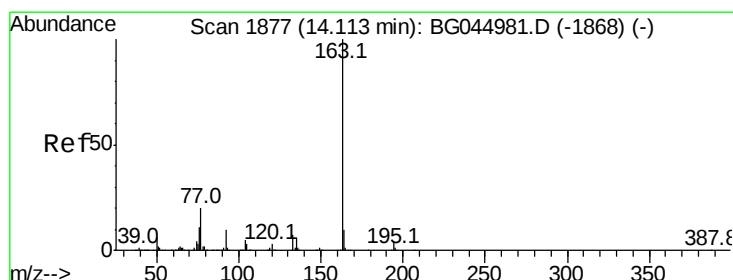
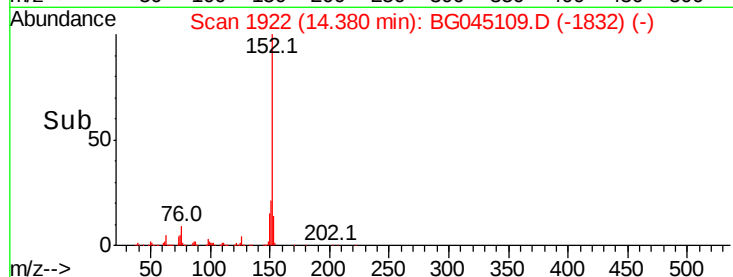
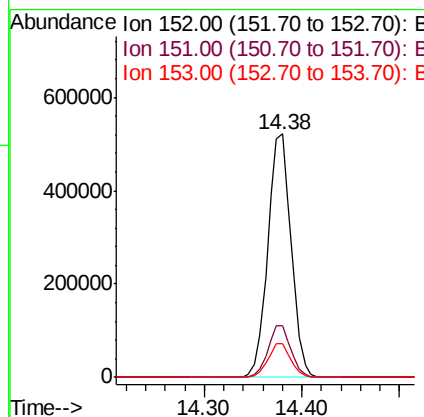
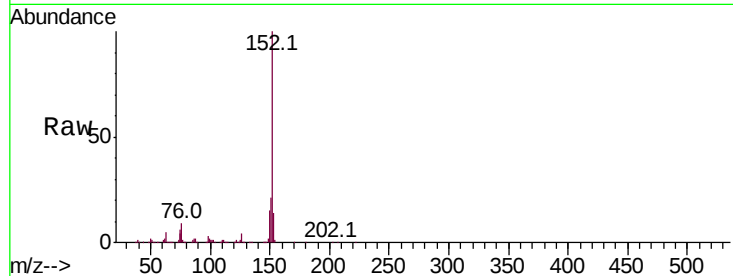
ClientSampleId :

PB128352BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.2	25.8
153	13.9	11.0	16.4

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#50

Dimethylphthalate

Concen: 45.696 ng

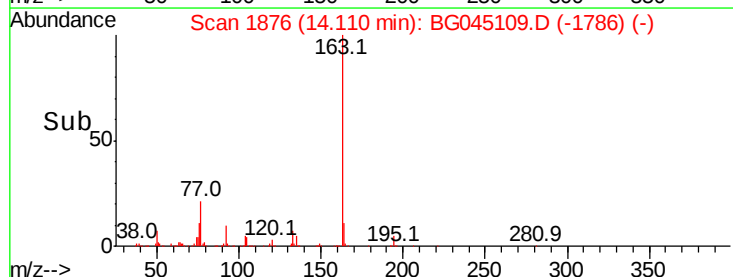
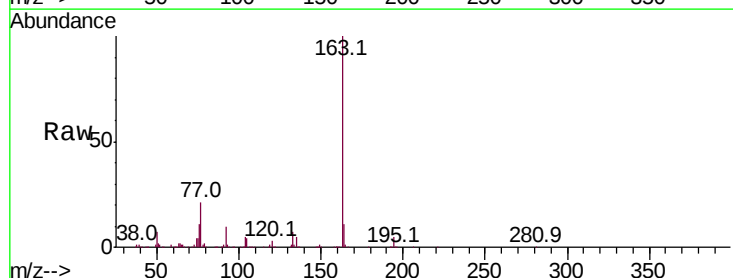
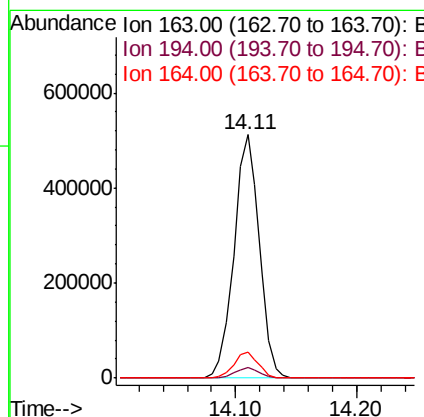
RT: 14.11 min Scan# 1876

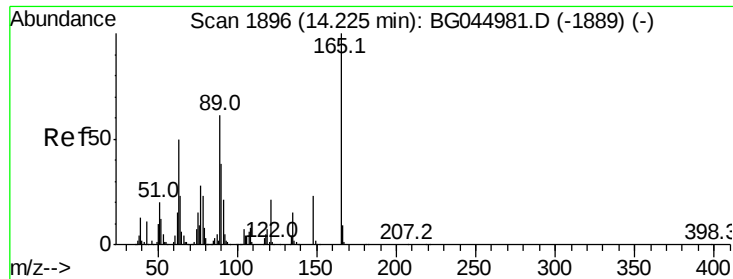
Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.8	8.2	12.4





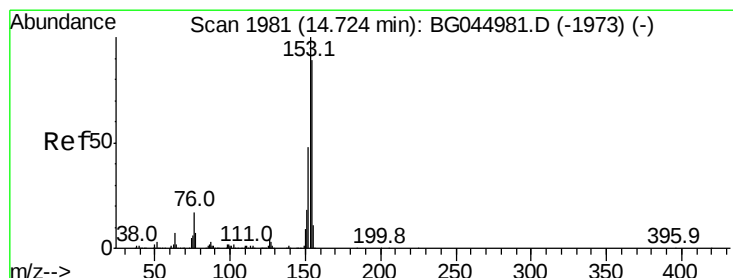
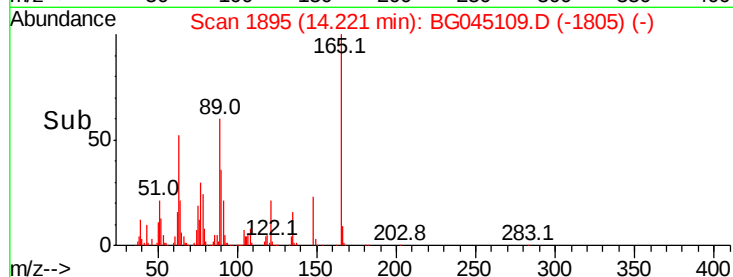
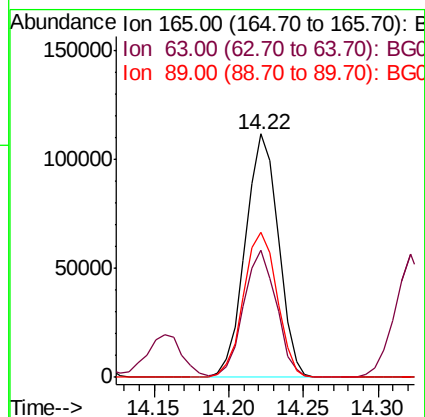
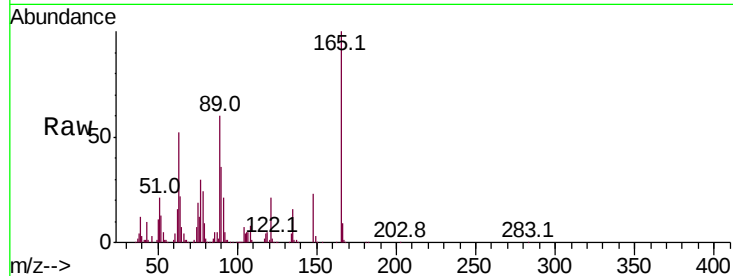
#51
 2,6-Dinitrotoluene
 Concen: 46.965 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. 0.00 min
 Lab File: BG045109.D
 Acq: 21 Apr 2020 13:18

Instrument :
 BNA_G
 ClientSampleId :
 PB128352BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	171234		
63	52.5	40.4	60.6	
89	59.7	49.1	73.7	

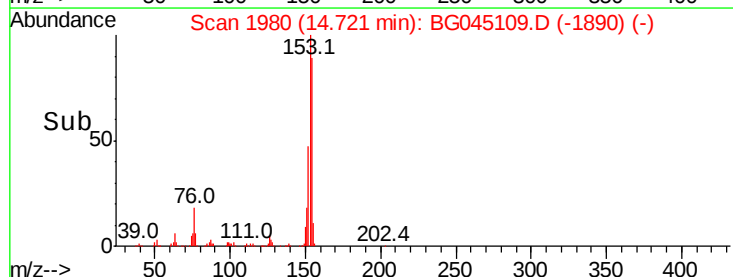
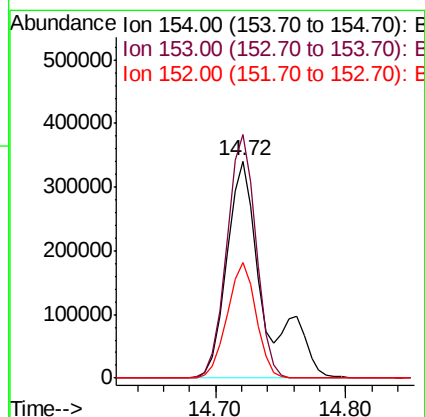
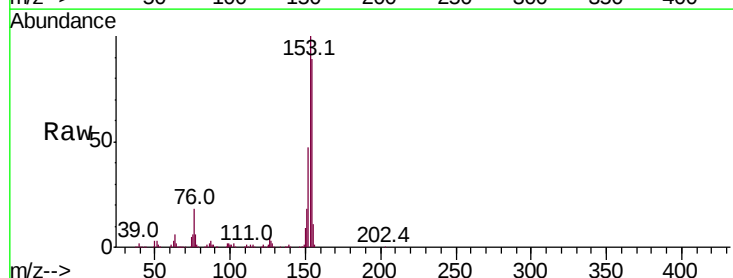
Manual Integrations
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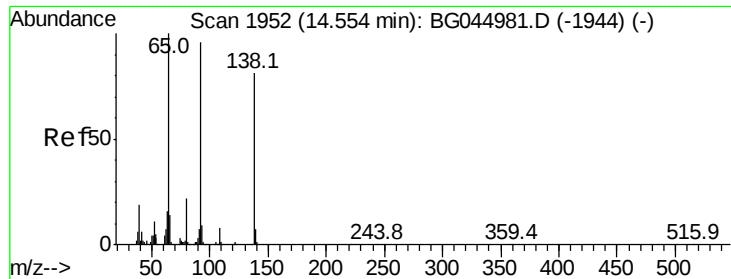
mohammad
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#52
 Acenaphthene
 Concen: 52.510 ng m
 RT: 14.72 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: BG045109.D
 Acq: 21 Apr 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	672838		
153	112.3	89.7	134.5	
152	53.2	43.1	64.7	





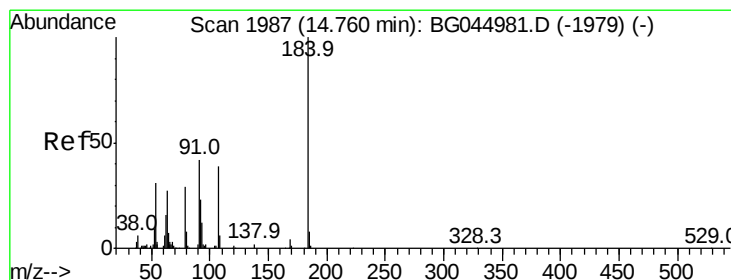
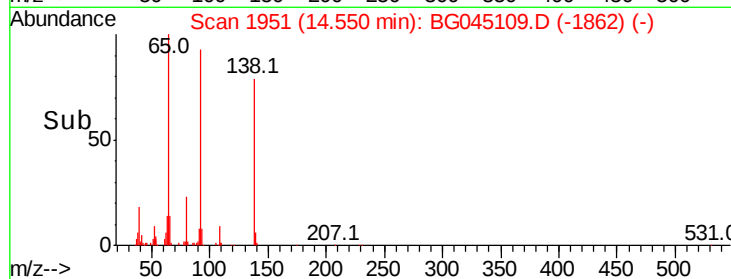
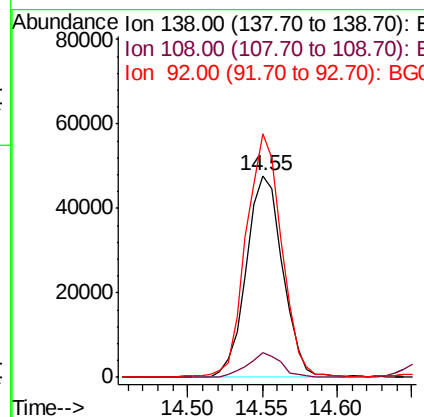
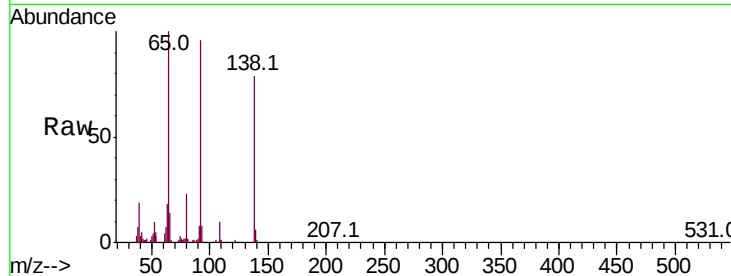
#53
3-Nitroaniline
Concen: 20.106 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.2	7.8	11.8#
92	120.8	94.5	141.7

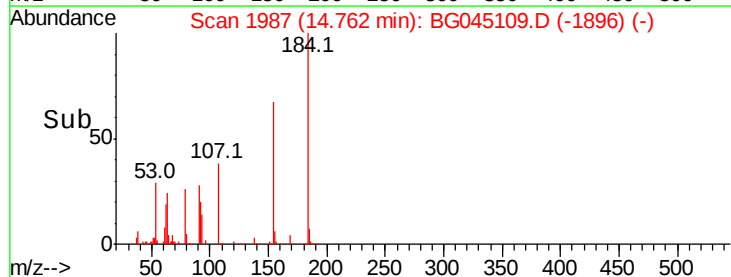
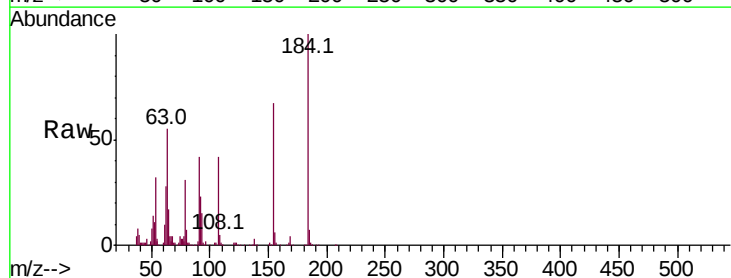
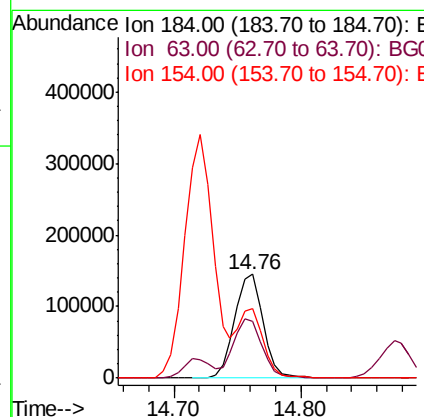
Manual Integrations
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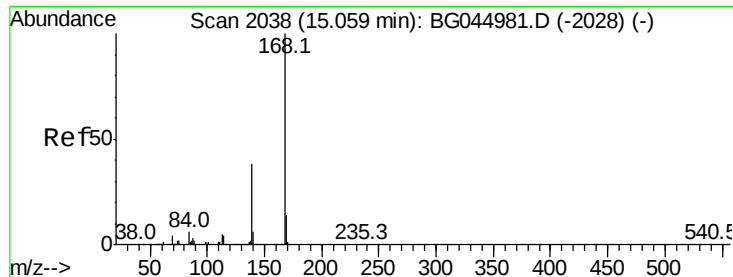
mohammad
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#54
2,4-Dinitrophenol
Concen: 103.942 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.2	41.5	62.3
154	66.9	52.3	78.5





#55

Dibenzenofuran

Concen: 45.559 ng

RT: 15.06 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA_G

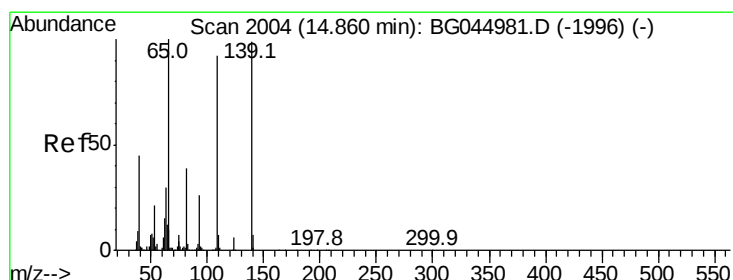
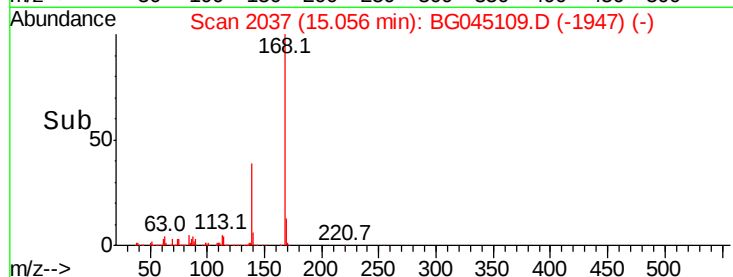
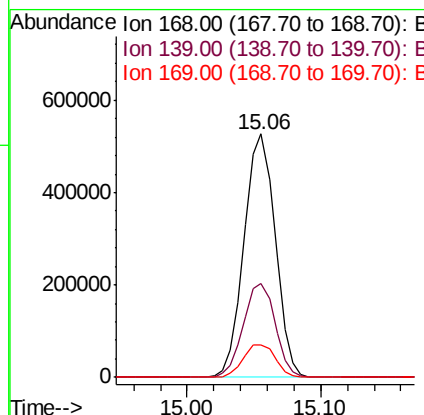
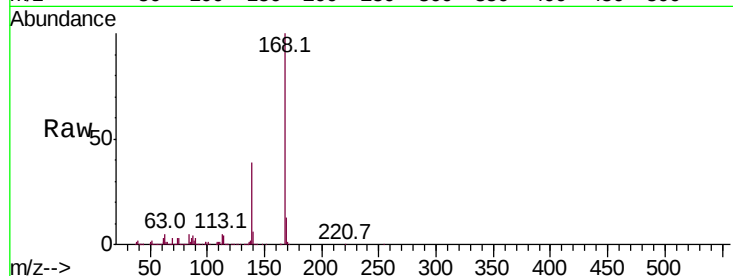
ClientSampleId :

PB128352BS

Tot Ion:	168	Resp:	851081
Ion Ratio	Lower	Upper	
168	100		
139	38.8	30.4	45.6
169	13.2	11.0	16.4

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#56

4-Nitrophenol

Concen: 89.257 ng

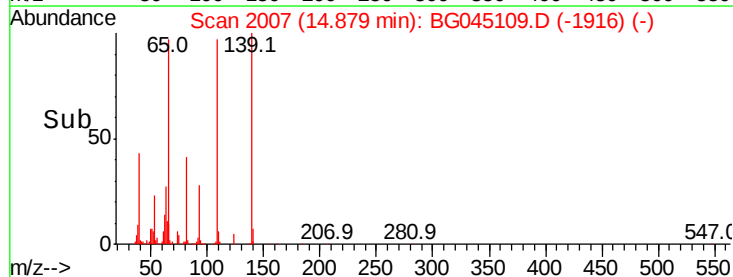
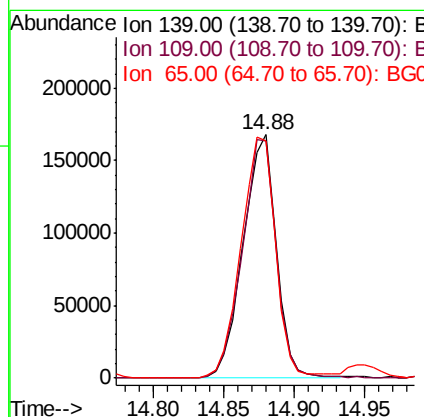
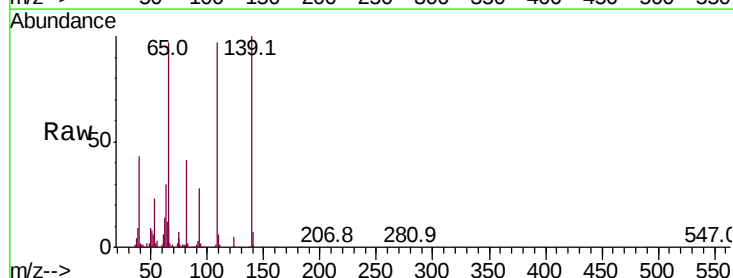
RT: 14.88 min Scan# 2007

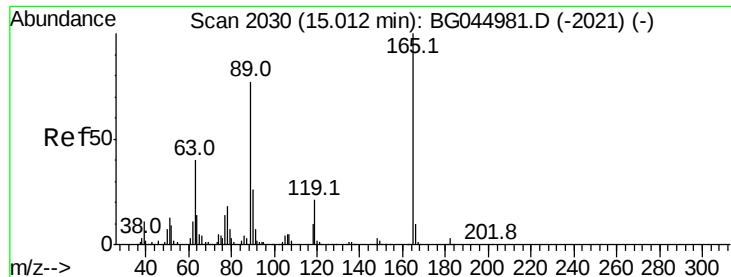
Delta R.T. 0.01 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Tgt Ion:	139	Resp:	276741
Ion Ratio	Lower	Upper	
139	100		
109	97.4	73.6	113.6
65	97.5	81.2	121.2





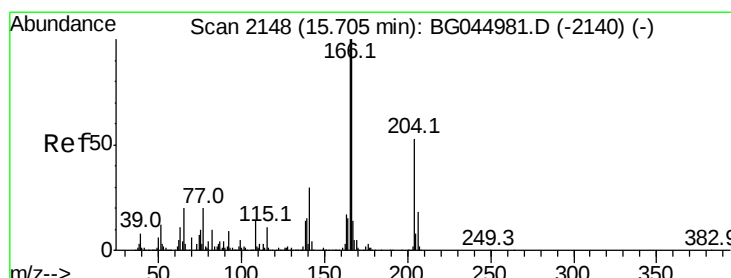
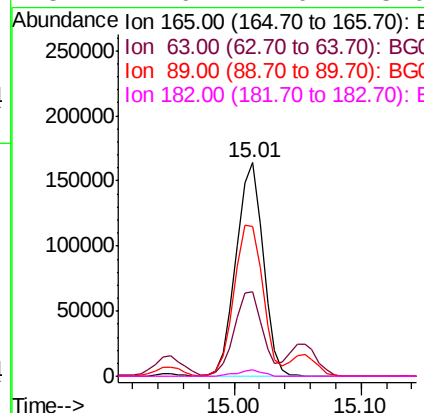
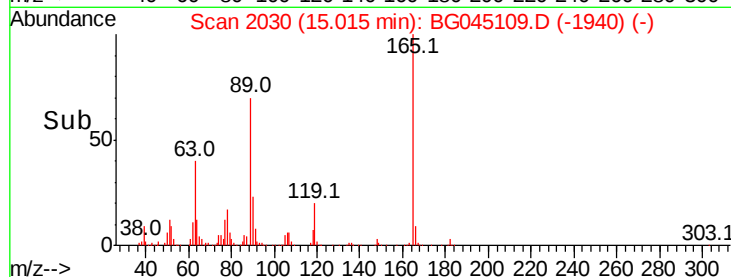
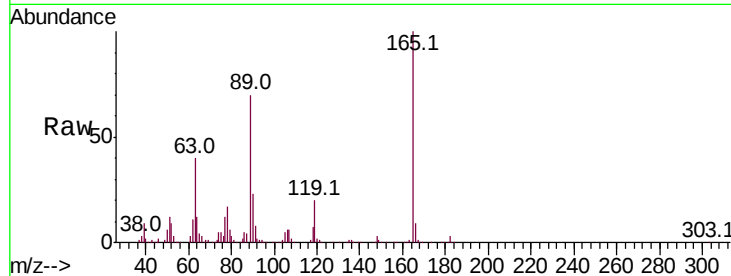
#57
2,4-Dinitrotoluene
Concen: 45.458 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	242208		
63	39.5	32.2	48.2	
89	70.2	61.7	92.5	
182	2.9	2.0	3.0	

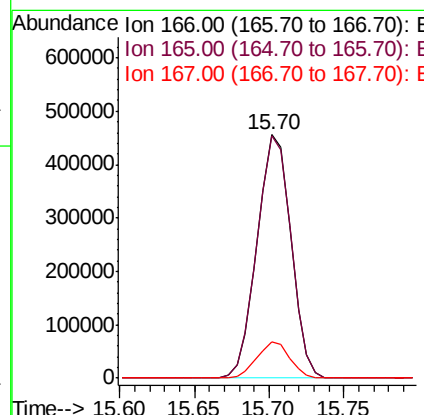
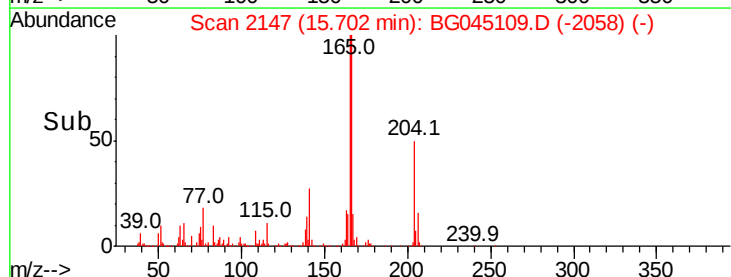
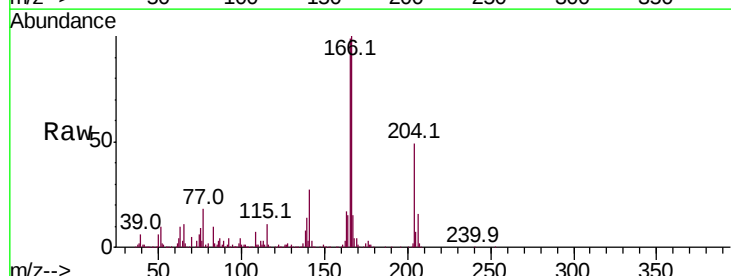
Manual Integrations
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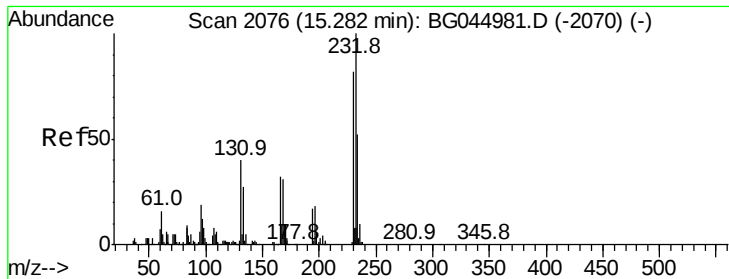
mohammad
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#58
Fluorene
Concen: 46.841 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	714743		
165	99.4	79.9	119.9	
167	14.8	11.4	17.0	





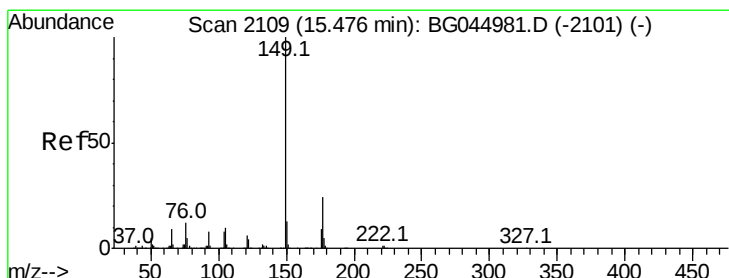
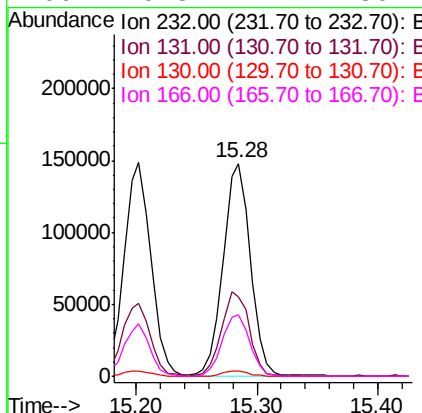
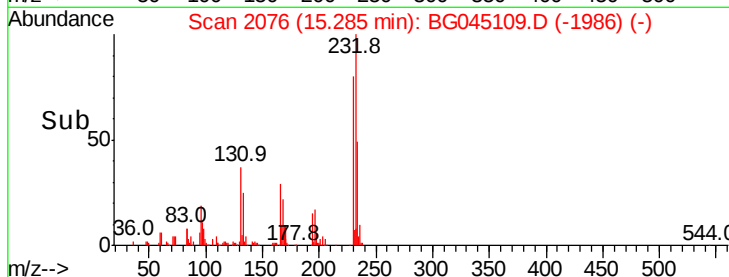
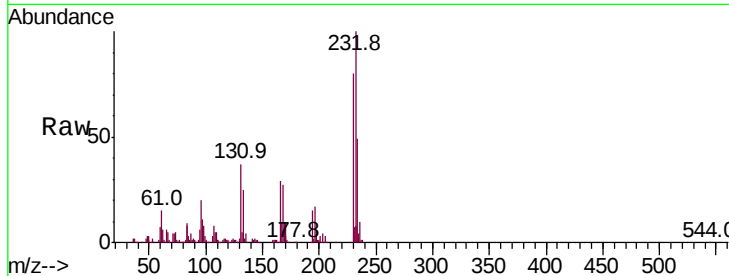
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.329 ng
RT: 15.28 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	231883		
131	40.5		32.2	48.2
130	2.3		2.2	3.2
166	29.3		24.2	36.4

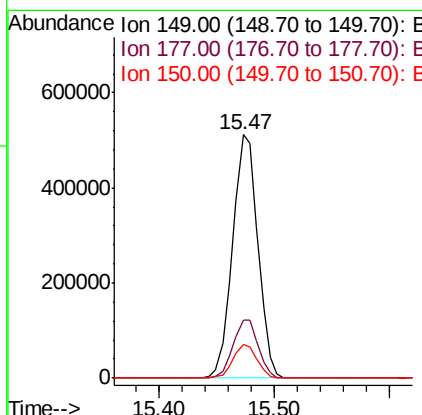
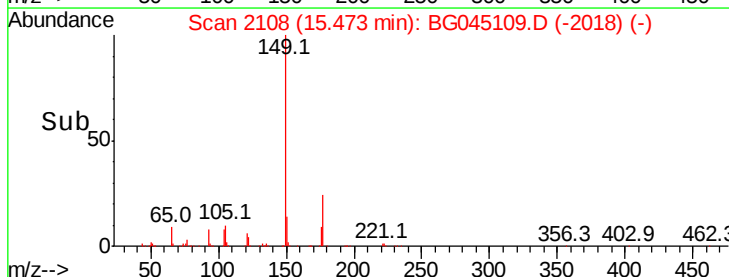
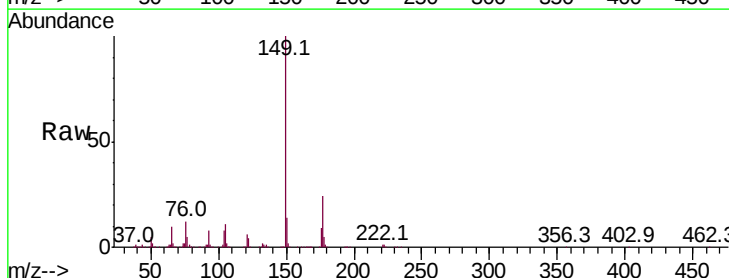
Manual Integrations
APPROVED

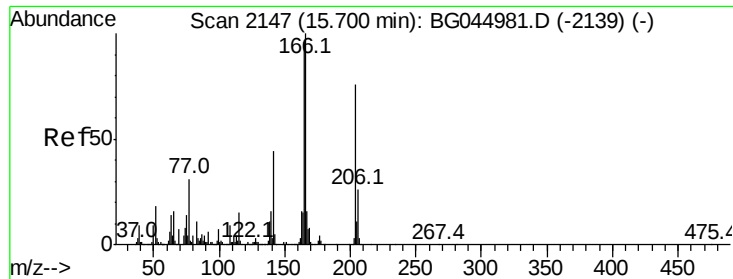
mohammad
4/24/2020 4:18:43 AM



#60
Diethylphthalate
Concen: 45.530 ng
RT: 15.47 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	773784		
177	23.6		18.9	28.3
150	13.7		10.6	15.8





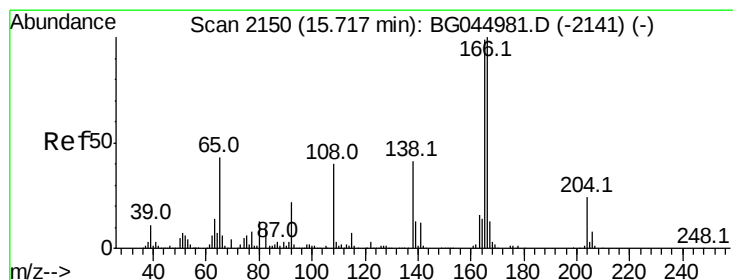
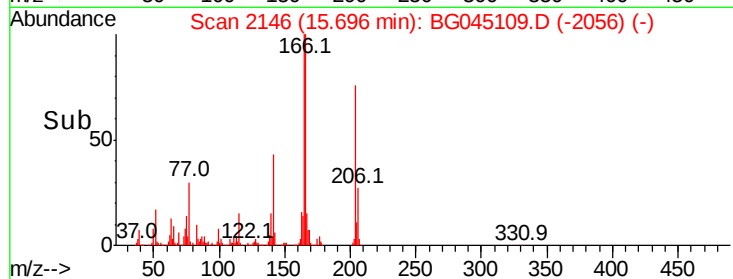
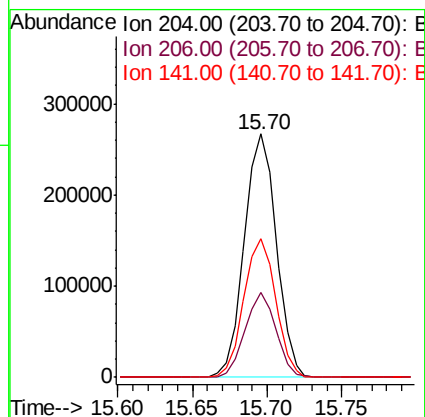
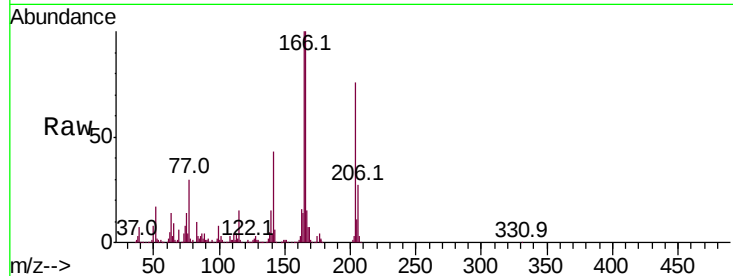
#61
4-Chlorophenyl-phenylether
Concen: 45.067 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	34.9	26.9	40.3
141	56.9	46.3	69.5

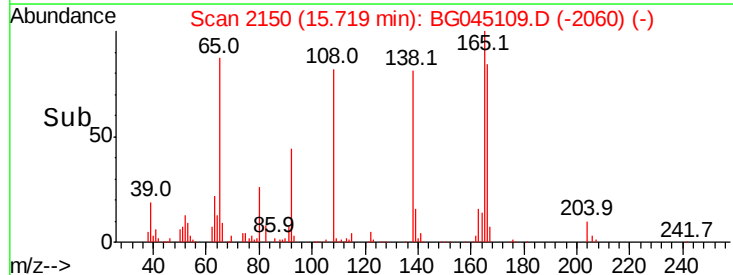
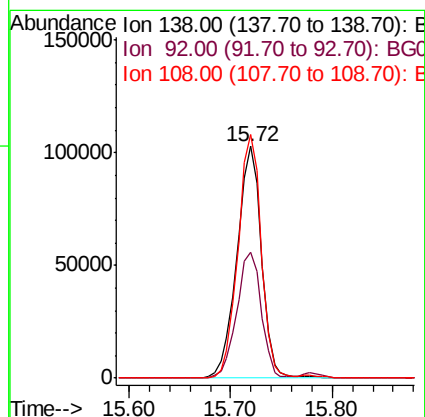
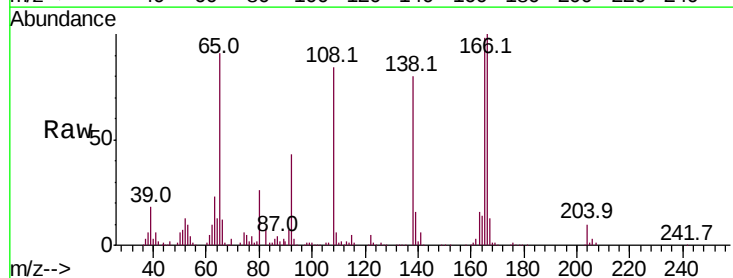
Manual Integrations
APPROVED

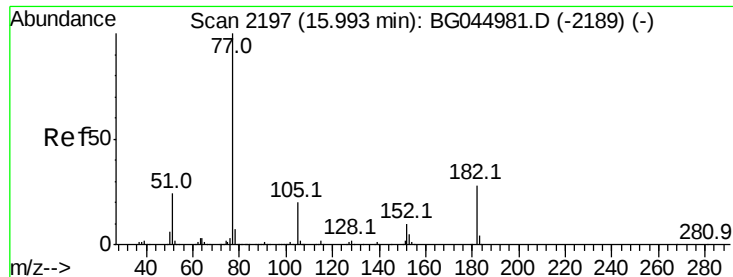
mohammad
4/24/2020 4:18:43 AM



#62
4-Nitroaniline
Concen: 41.674 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	54.4	33.6	73.6
108	105.0	78.2	118.2





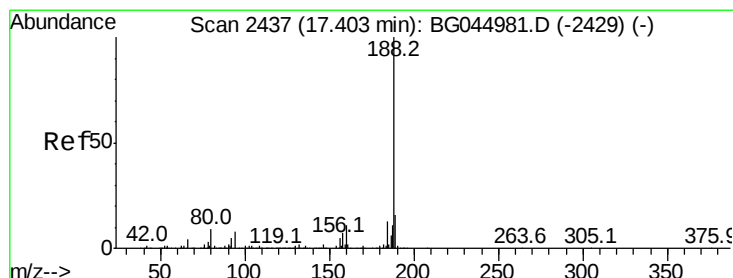
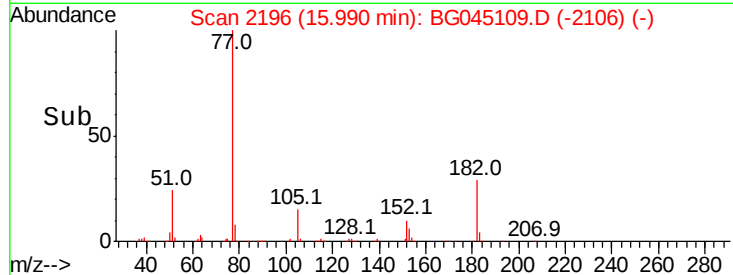
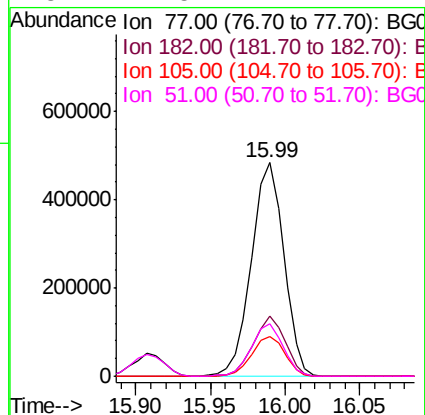
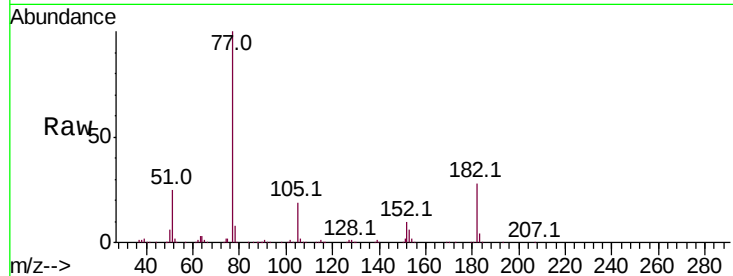
#63
Azobenzene
Concen: 46.543 ng
RT: 15.99 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB128352BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		729278		
182	28.2	8.4	48.4		
105	18.5	0.5	40.5		
51	24.5	4.4	44.4		

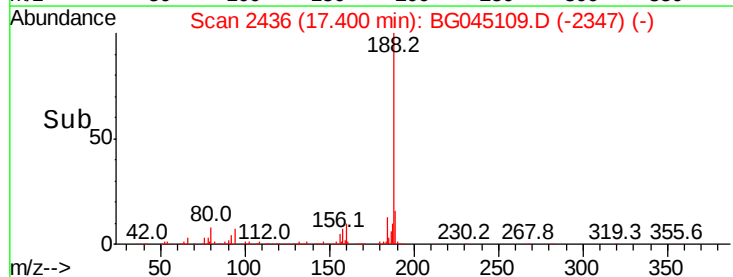
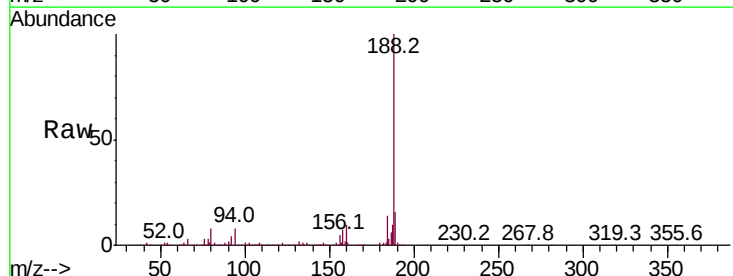
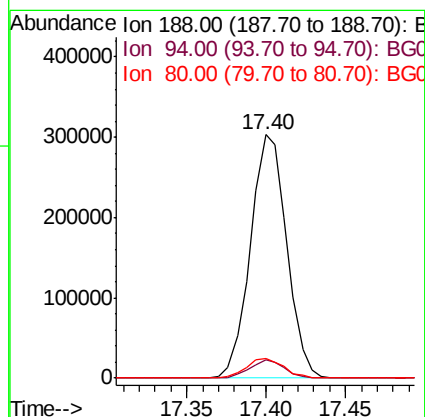
Manual Integrations
APPROVED

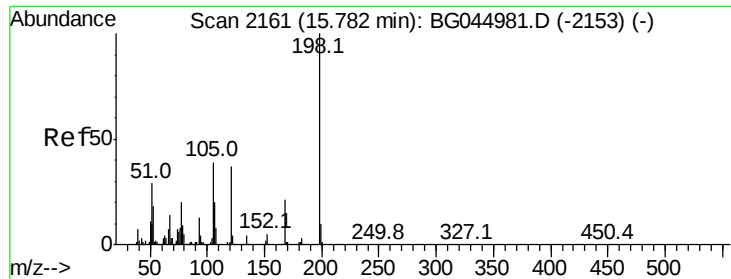
mohammad
4/24/2020 4:18:43 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		481129		
94	7.5	6.2	9.4		
80	7.9	7.0	10.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 50.236 ng

RT: 15.78 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB128352BS

Tot Ion:198 Resp: 158872

Ion Ratio Lower Upper

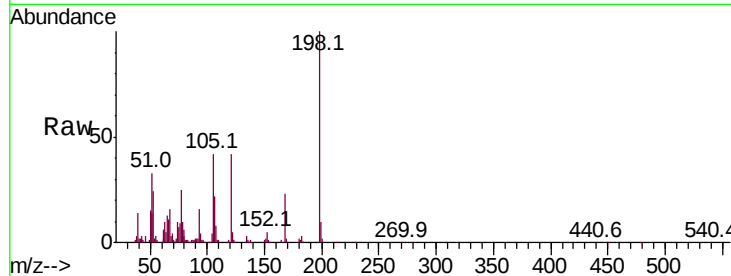
198 100

51 32.7 10.0 50.0

105 41.5 18.9 58.9

Manual Integrations
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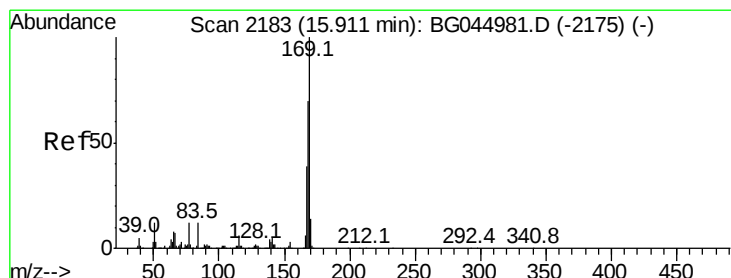
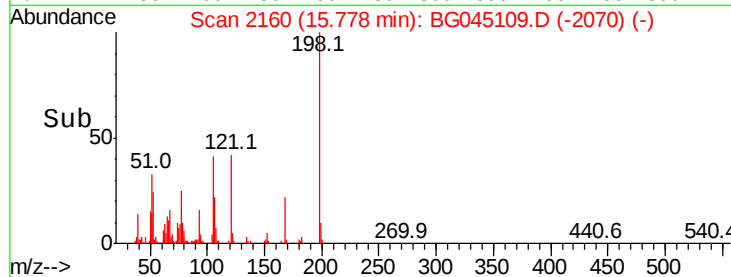
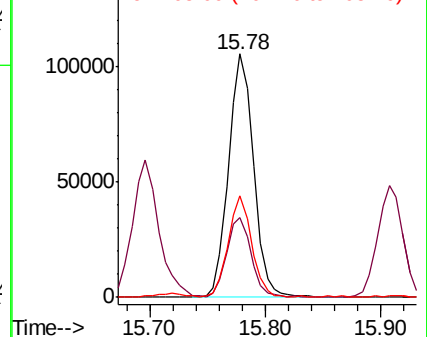
mohammad
4/24/2020 4:18:43 AM



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: 47.095 ng

RT: 15.91 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

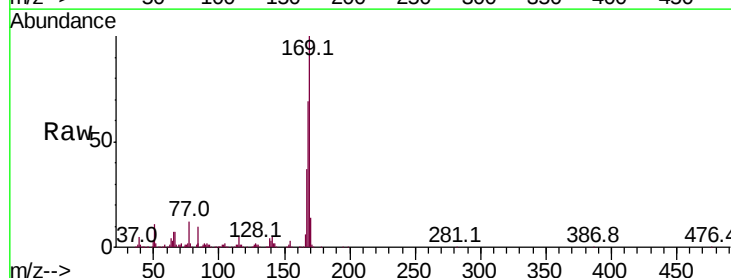
Tgt Ion:169 Resp: 651034

Ion Ratio Lower Upper

169 100

168 69.0 55.8 83.8

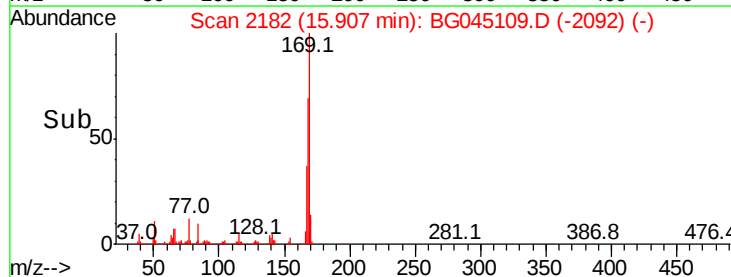
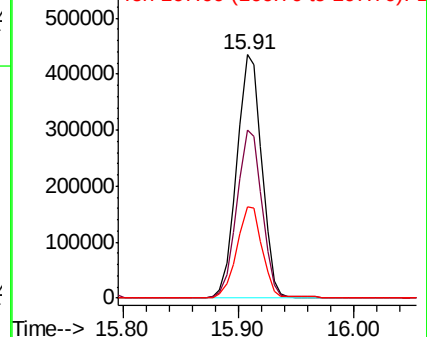
167 37.5 30.8 46.2

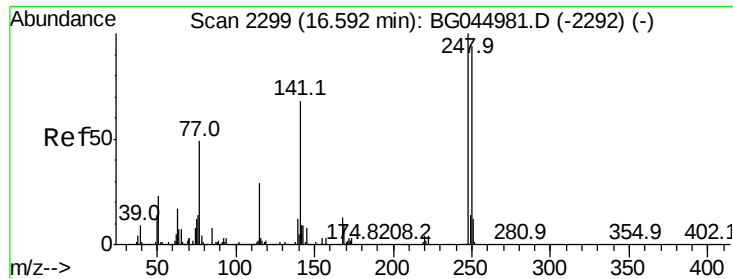


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 45.439 ng

RT: 16.59 min Scan# 2298

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA_G

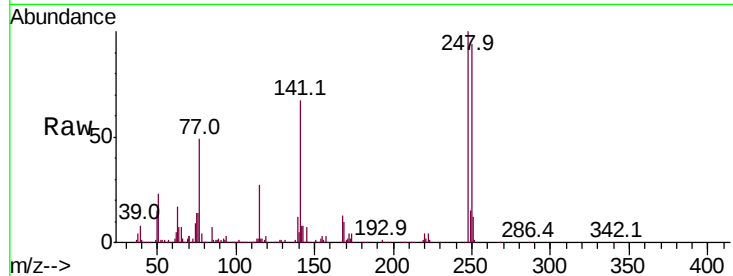
ClientSampled :

PB128352BS

Tot Ion:	248	Resp:	282038
Ion Ratio	Lower	Upper	
248	100		
250	94.1	75.4	113.2
141	67.2	54.4	81.6

Manual Integrations
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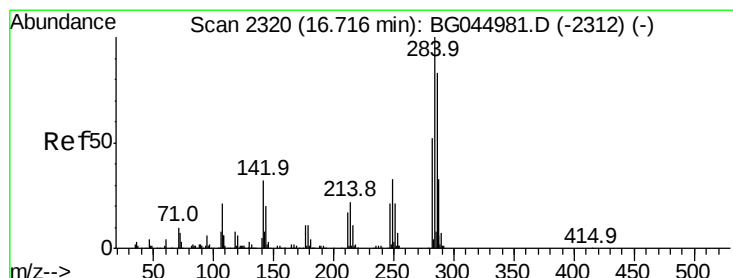
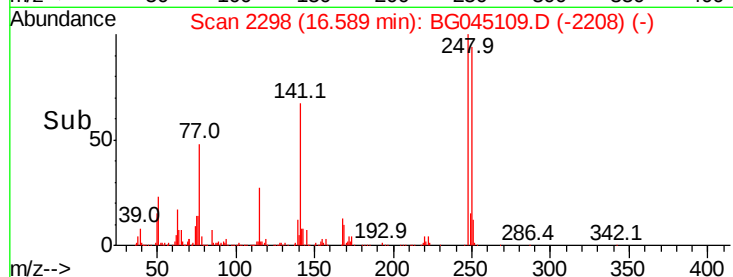
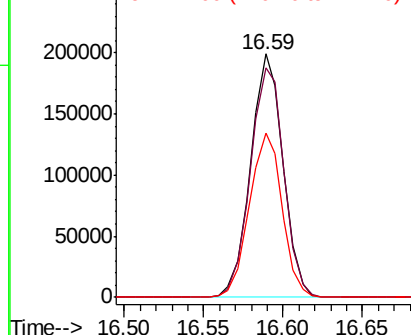


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 47.323 ng

RT: 16.71 min Scan# 2319

Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

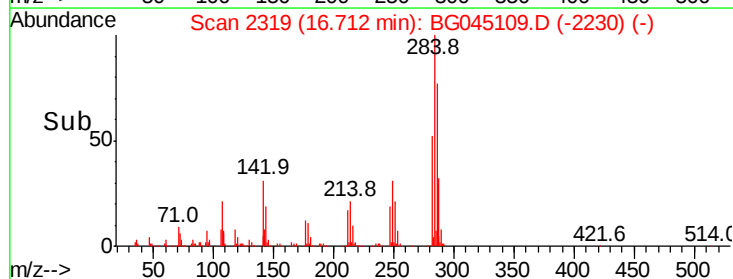
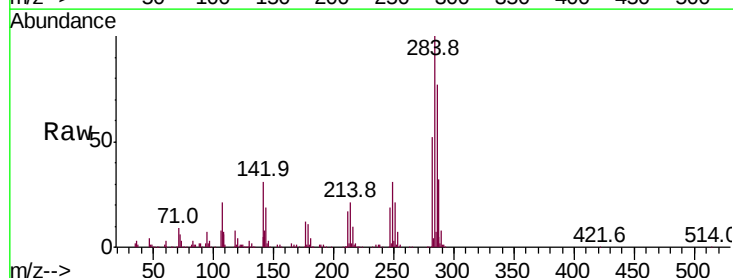
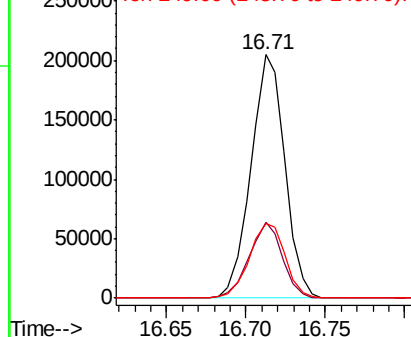
Tgt Ion:	284	Resp:	304634
Ion Ratio	Lower	Upper	
284	100		
142	31.3	25.8	38.6
249	30.7	26.6	39.8

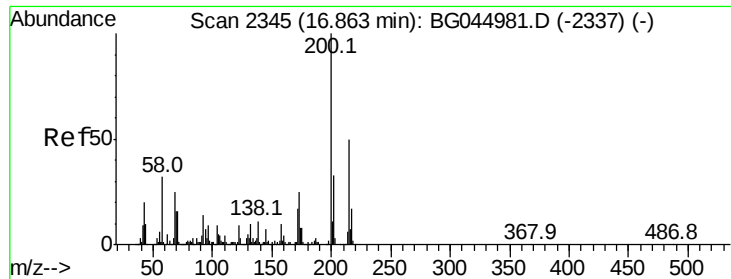
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





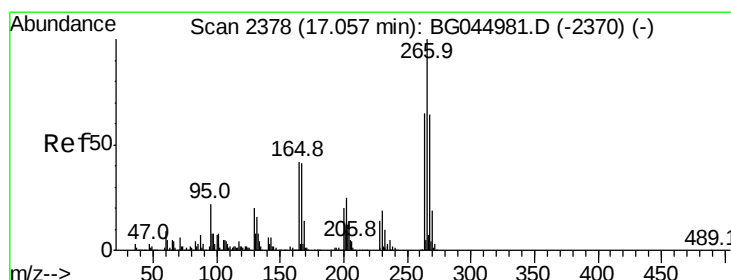
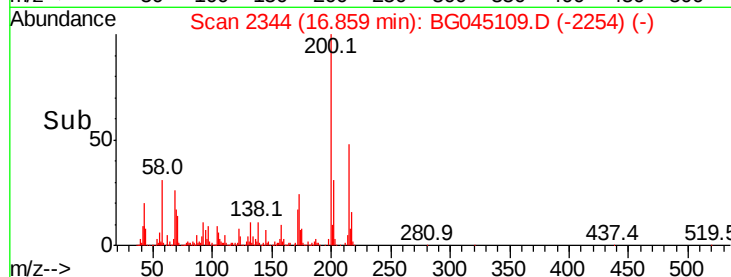
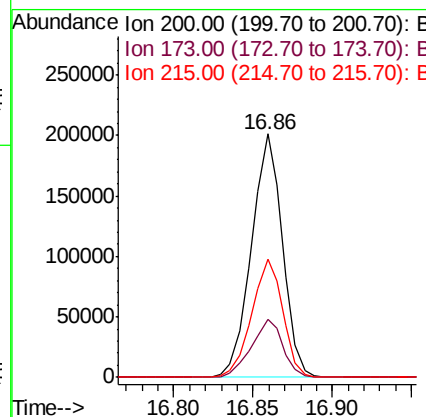
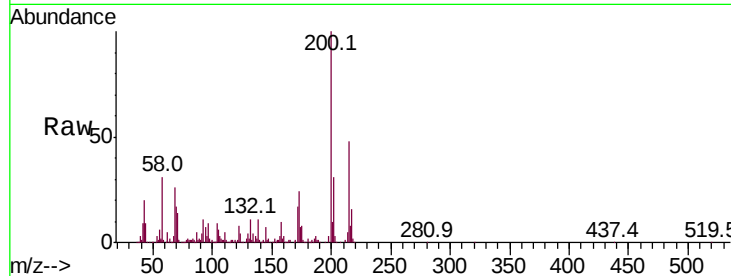
#69
Atrazine
Concen: 55.195 ng
RT: 16.86 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Instrument :
BNA_G
ClientSampled :
PB128352BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.6	4.5	44.5
215	48.4	30.0	70.0

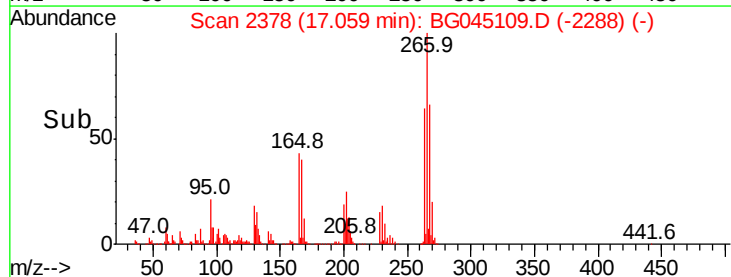
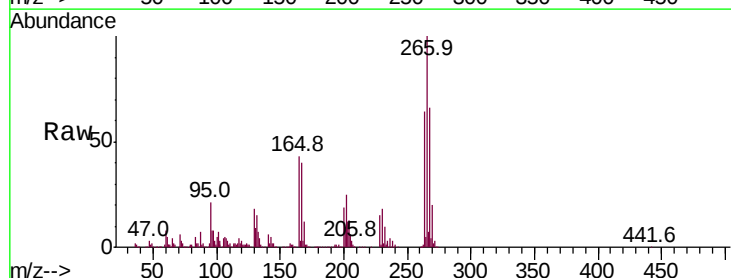
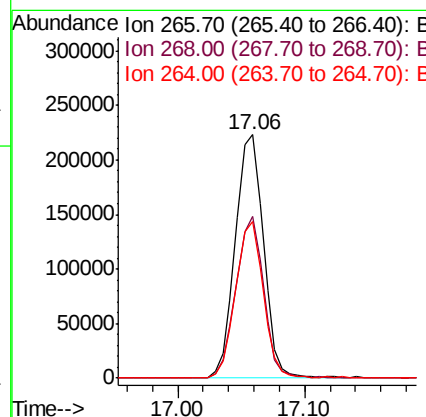
Manual Integrations
APPROVED

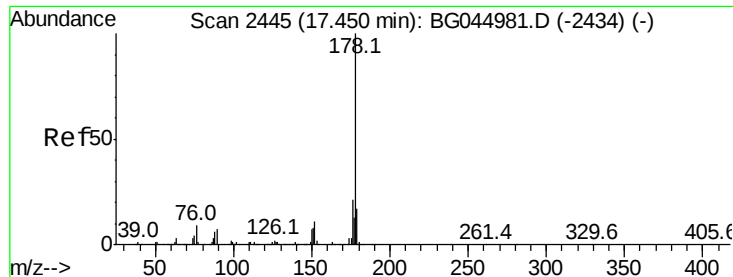
mohammad
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#70
Pentachlorophenol
Concen: 86.943 ng
RT: 17.06 min Scan# 2378
Delta R.T. 0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.4	51.5	77.3
264	64.2	52.2	78.4





#71

Phenanthrene

Concen: 47.225 ng

RT: 17.45 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB128352BS

Tot Ion:178 Resp: 1167589

Ion Ratio Lower Upper

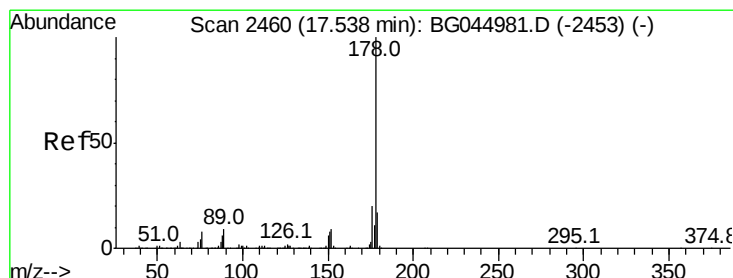
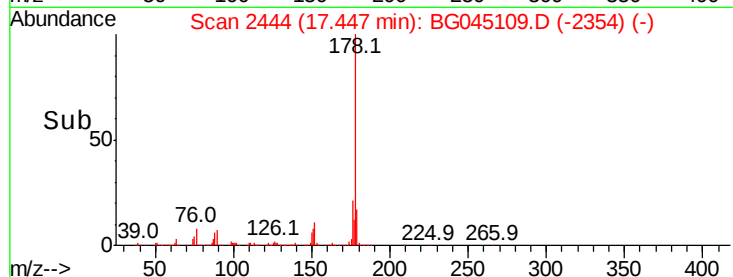
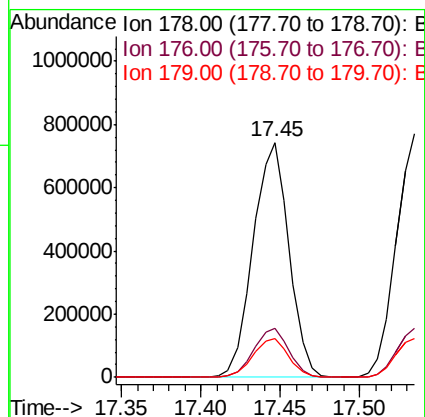
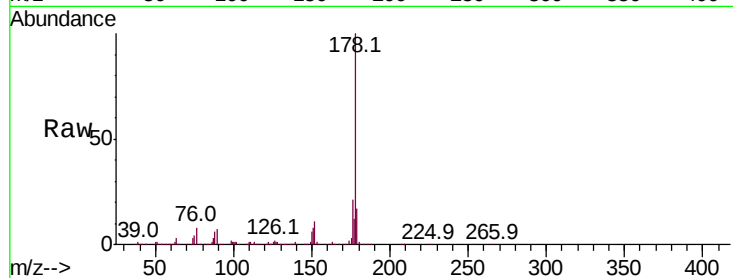
178 100

176 20.8 16.8 25.2

179 16.6 13.2 19.8

Manual Integrations
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#72

Anthracene

Concen: 48.544 ng

RT: 17.53 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

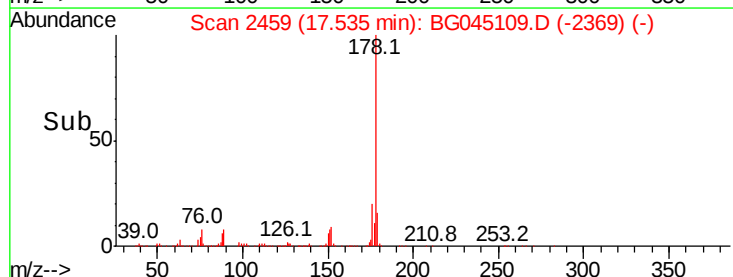
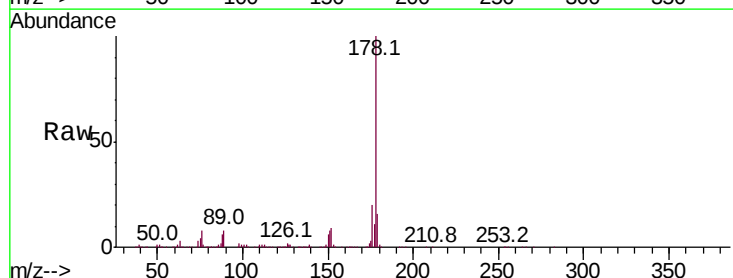
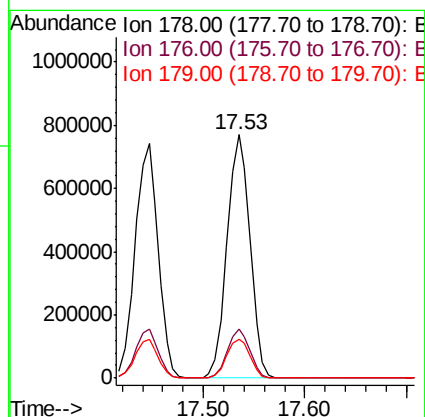
Tgt Ion:178 Resp: 1203930

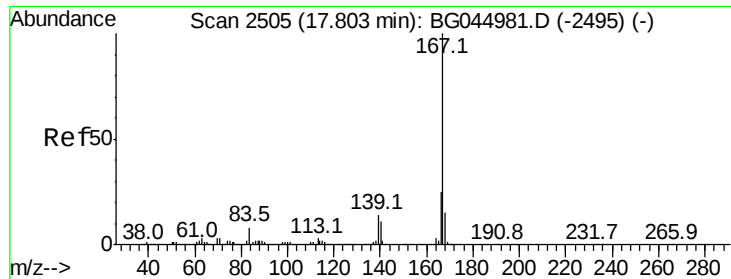
Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

179 16.0 13.6 20.4





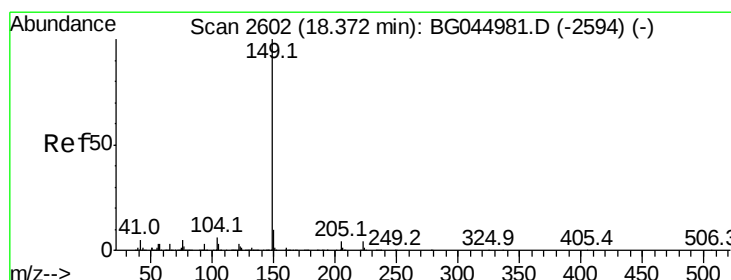
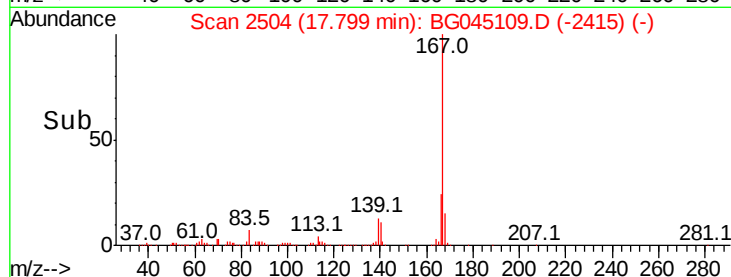
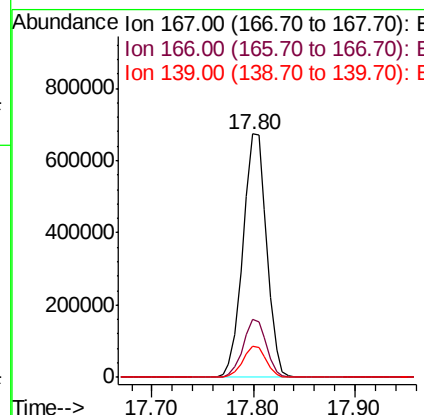
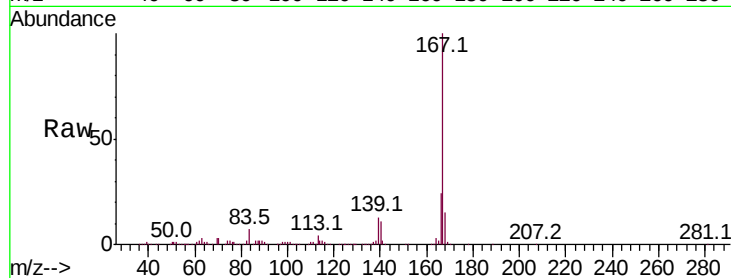
#73
 Carbazole
 Concen: 43.328 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.00 min
 Lab File: BG045109.D
 Acq: 21 Apr 2020 13:18

Instrument :
 BNA_G
 ClientSampleId :
 PB128352BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.8	19.8	29.6
139	12.9	10.9	16.3

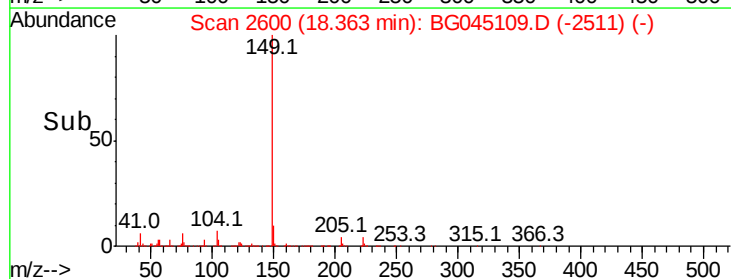
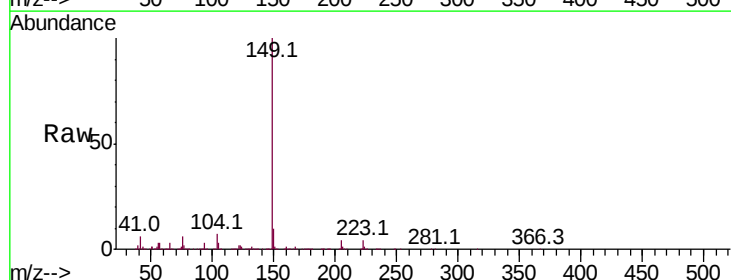
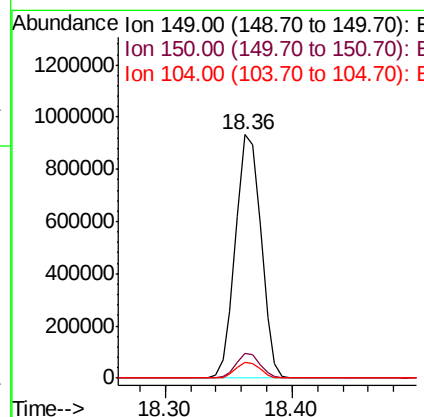
Manual Integrations
 APPROVED

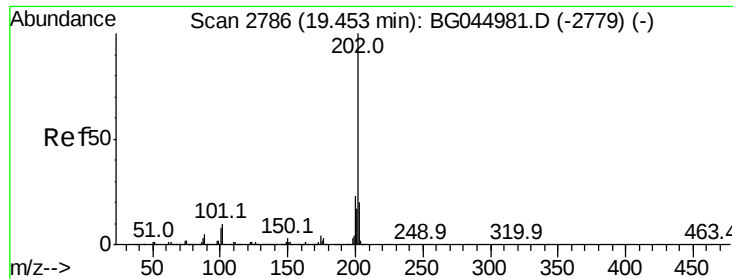
mohammad
 4/24/2020 4:18:43 AM



#74
 Di-n-butylphthalate
 Concen: 47.616 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. -0.00 min
 Lab File: BG045109.D
 Acq: 21 Apr 2020 13:18

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.2
104	6.5	4.8	7.2





#75

Fluoranthene

Concen: 49.304 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA_G

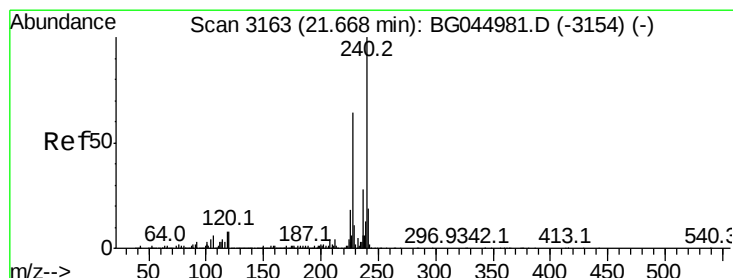
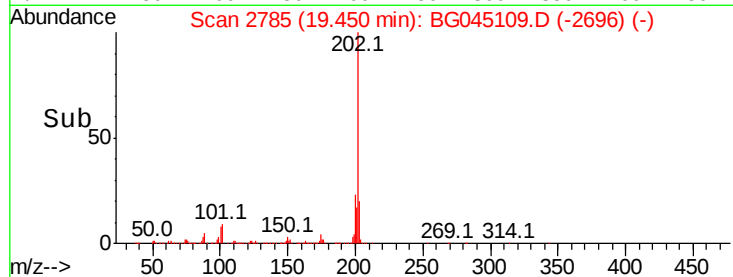
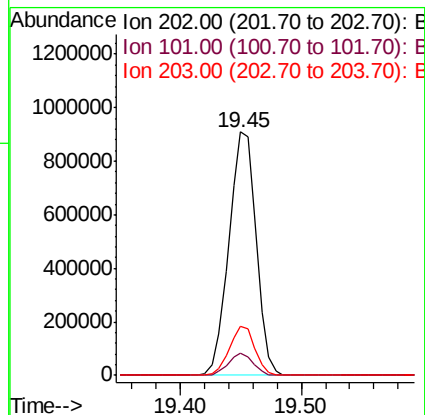
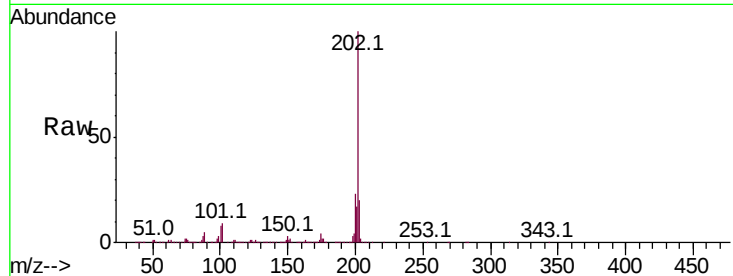
ClientSampleId :

PB128352BS

Tot Ion:	202	Resp:	1415640
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	29.6
203	20.4	0.0	39.7

Manual Integrations
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mohammad
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#76

Chrysene-d12

Concen: 20.000 ng

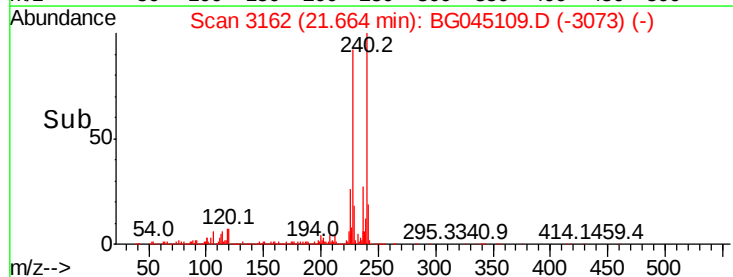
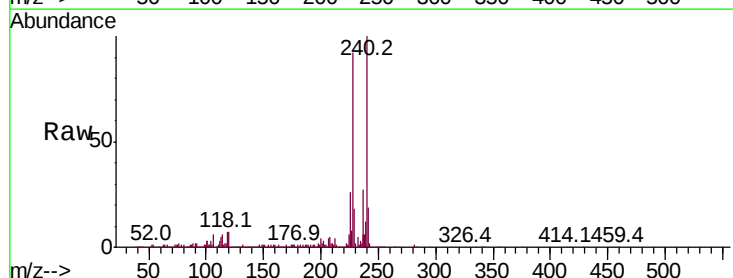
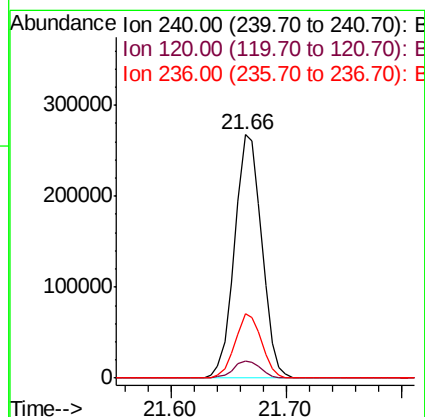
RT: 21.66 min Scan# 3162

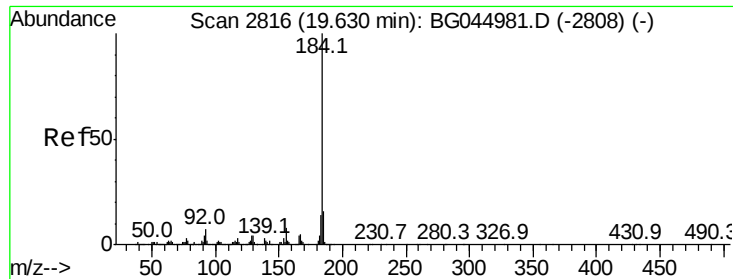
Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Tgt Ion:	240	Resp:	435852
Ion Ratio	Lower	Upper	
240	100		
120	7.1	6.6	10.0
236	26.6	22.2	33.2





#77

Benzidine

Concen: 48.697 ng

RT: 19.63 min Scan# 2815

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA_G

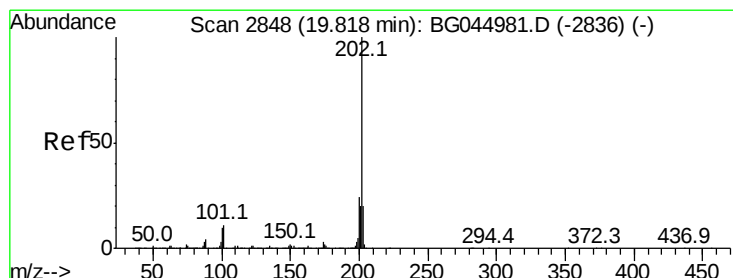
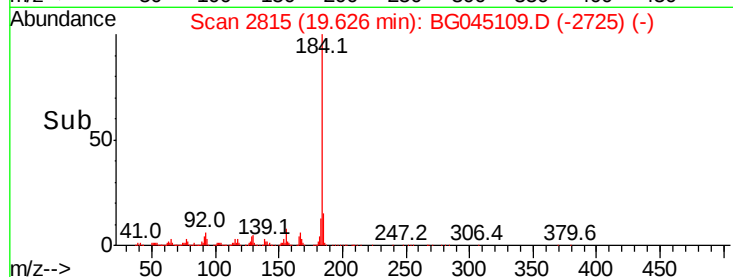
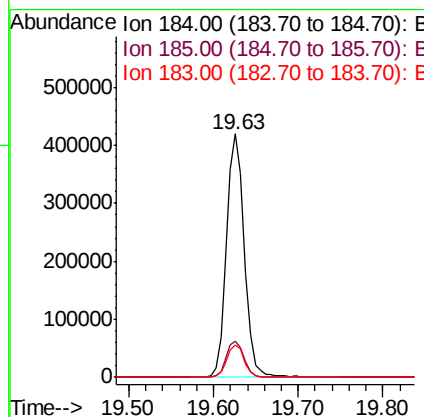
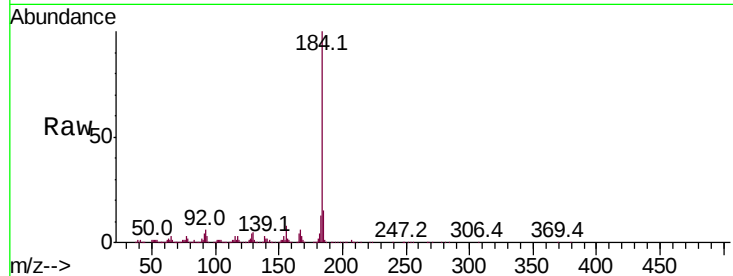
ClientSampleId :

PB128352BS

Tot Ion:	184	Resp:	608571
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.6	19.0
183	13.3	11.3	16.9

Manual Integrations
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#78

Pyrene

Concen: 46.475 ng

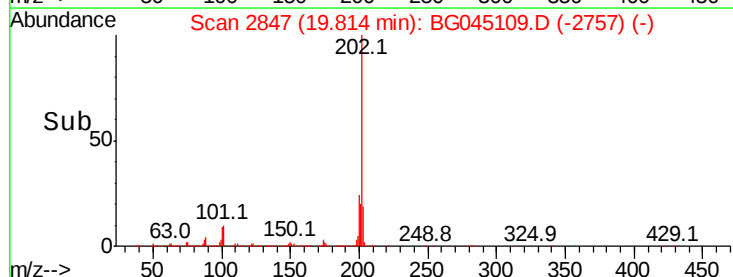
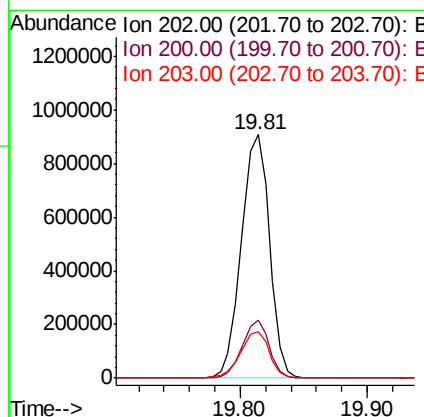
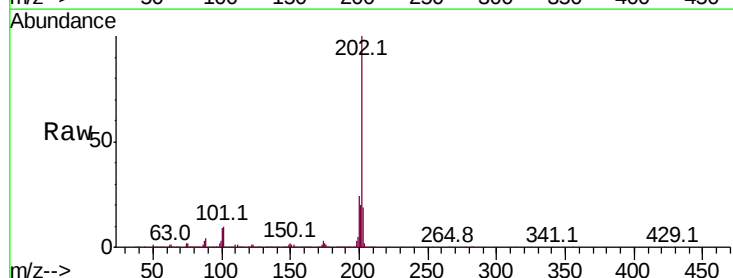
RT: 19.81 min Scan# 2847

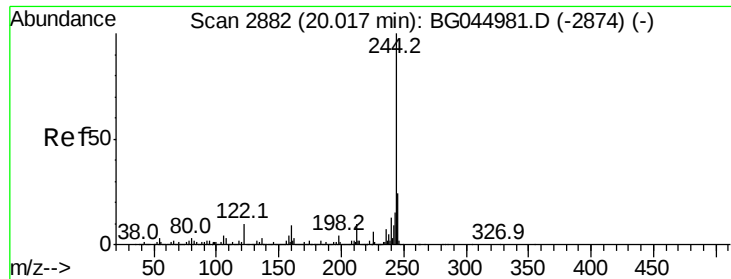
Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Tgt Ion:	202	Resp:	1396462
Ion Ratio	Lower	Upper	
202	100		
200	23.6	19.0	28.6
203	18.9	16.1	24.1





#79

Terphenyl-d14

Concen: 100.281 ng

RT: 20.01 min Scan# 2881

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB128352BS

Tot Ion:244 Resp: 2005344

Ion Ratio Lower Upper

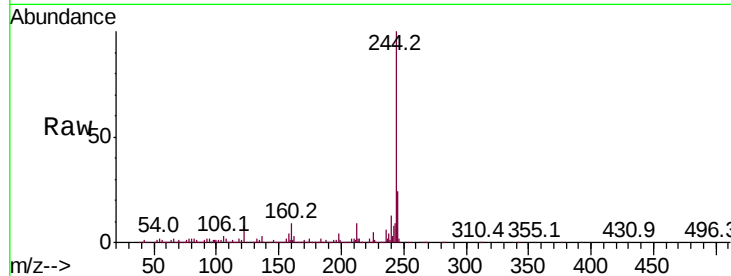
244 100

212 9.4 7.9 11.9

122 8.4 7.7 11.5

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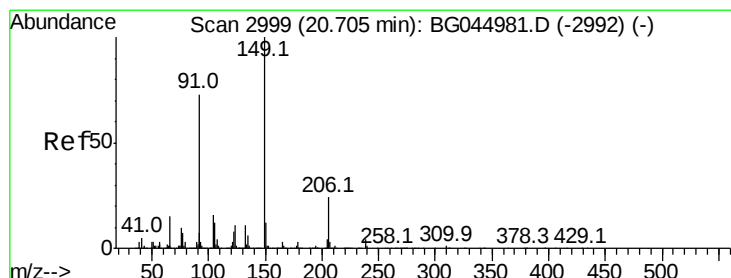
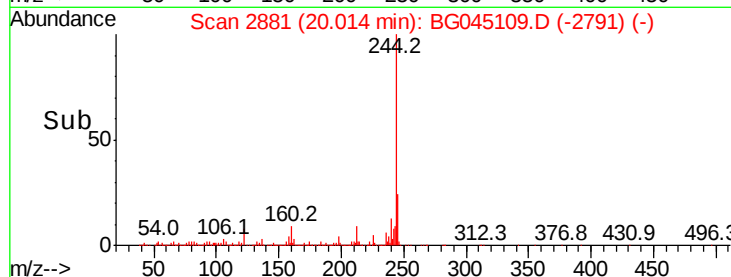
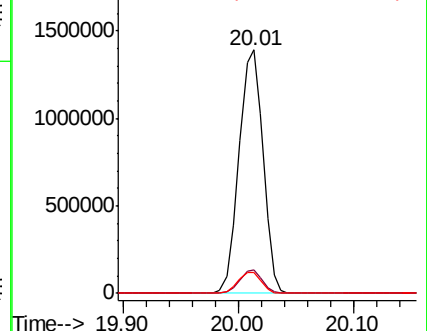
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.019 ng

RT: 20.70 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

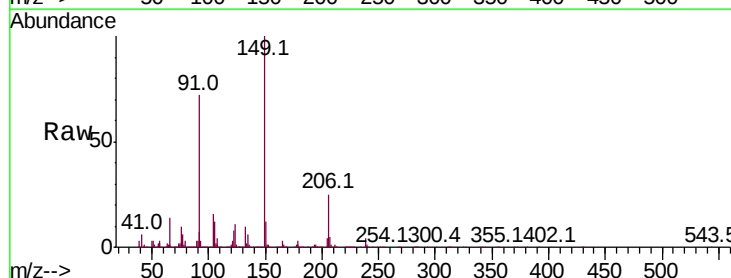
Tgt Ion:149 Resp: 573172

Ion Ratio Lower Upper

149 100

91 72.4 58.5 87.7

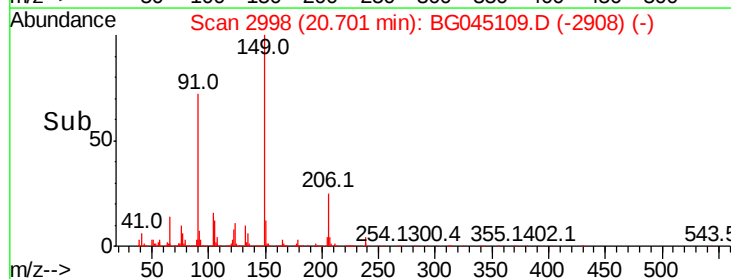
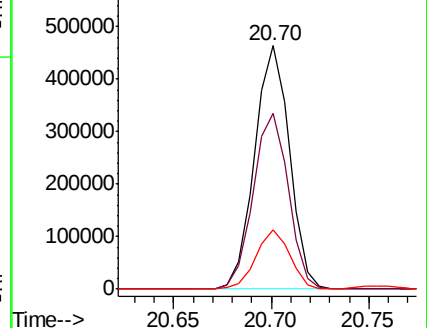
206 24.6 19.2 28.8

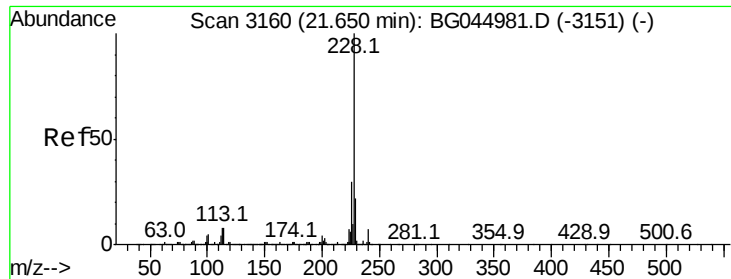


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.486 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA_G

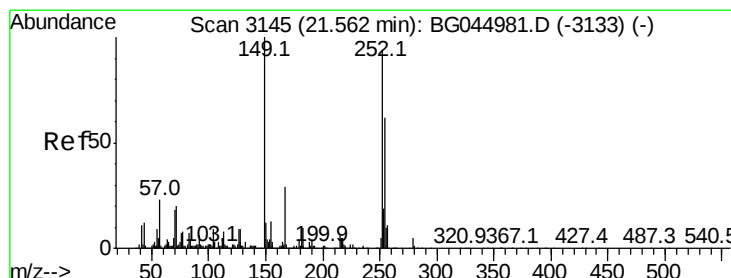
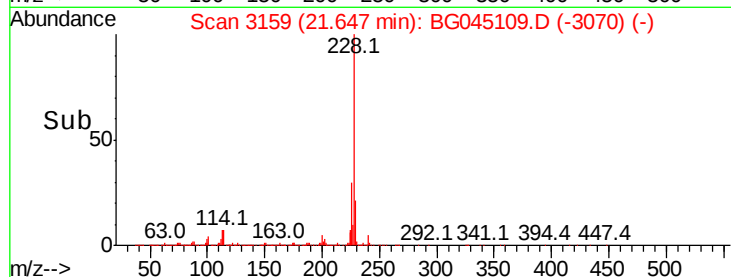
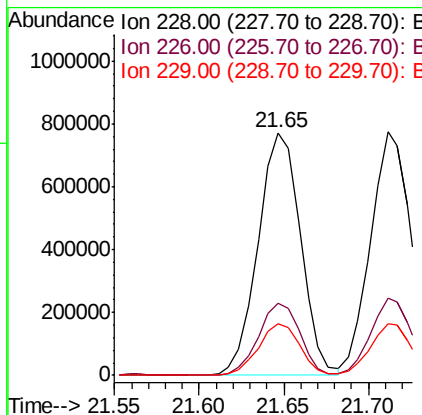
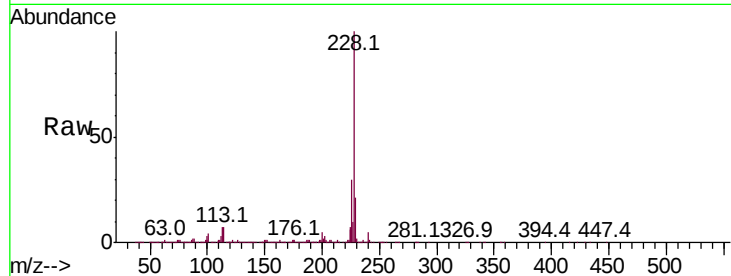
ClientSampleId :

PB128352BS

Tot Ion:	228	Resp:	1341443
Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	21.1	17.5	26.3

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 26.148 ng

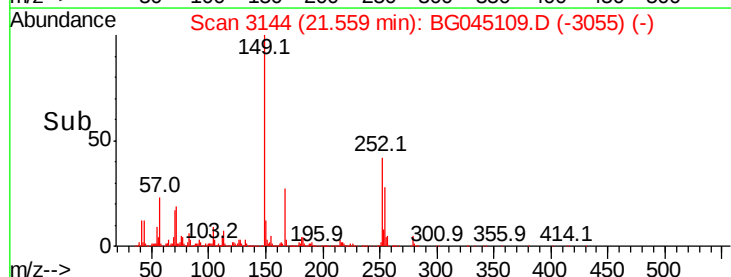
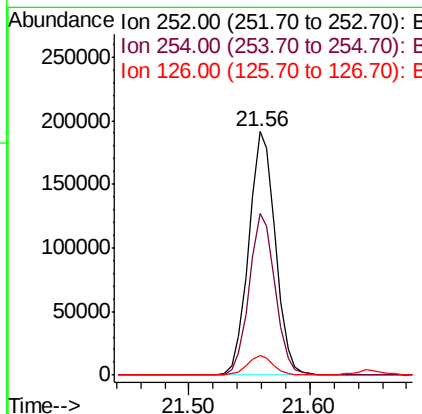
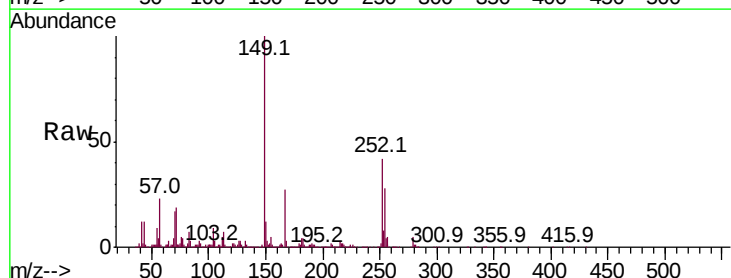
RT: 21.56 min Scan# 3144

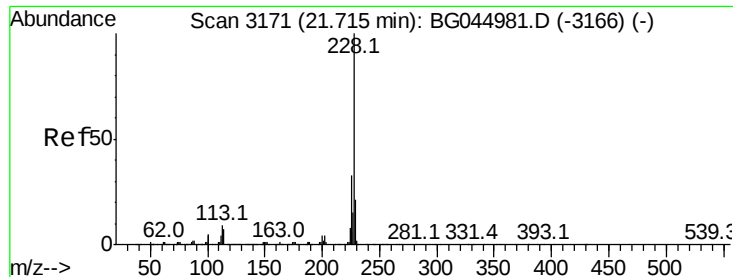
Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Tgt Ion:	252	Resp:	294006
Ion	Ratio	Lower	Upper
252	100		
254	66.6	52.6	79.0
126	8.0	7.5	11.3





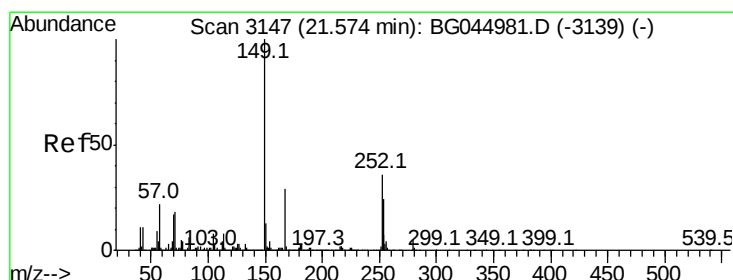
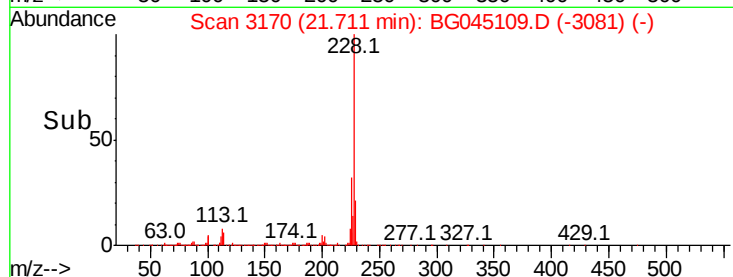
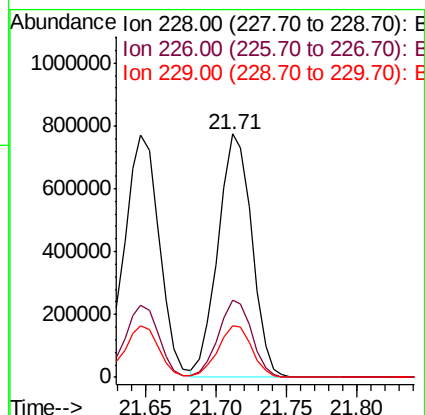
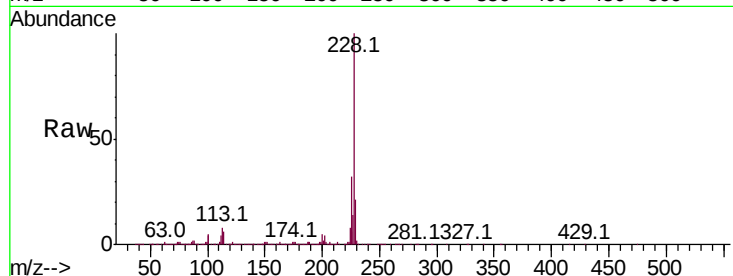
#83
Chrysene
Concen: 47.449 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Instrument :
BNA_G
ClientSampleID :
PB128352BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	26.2	39.4
229	21.3	17.0	25.6

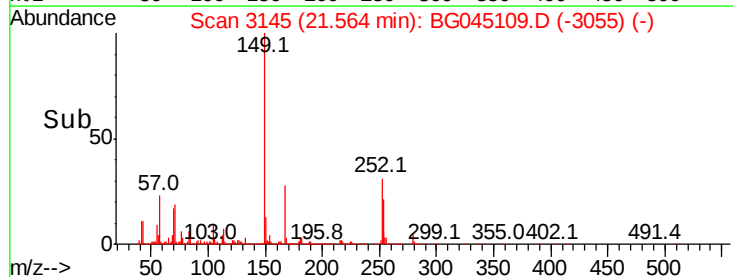
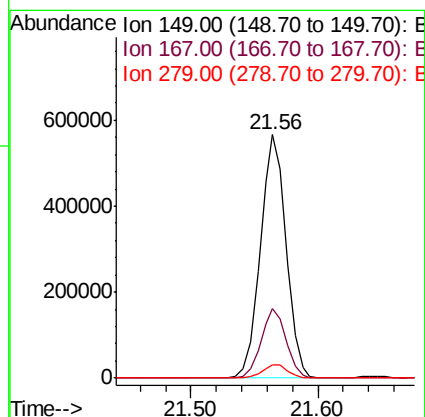
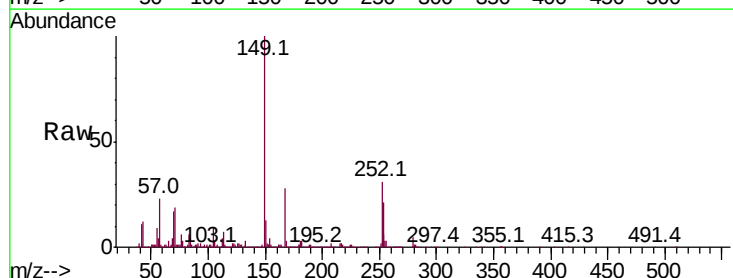
Manual Integrations
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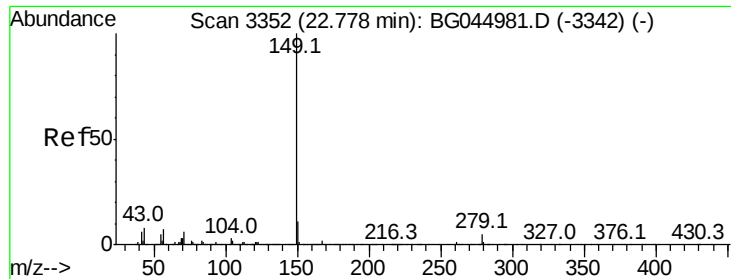
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 46.672 ng
RT: 21.56 min Scan# 3145
Delta R.T. 0.00 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.4	35.0
279	5.3	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 45.743 ng

RT: 22.77 min Scan# 3350

Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB128352BS

Tot Ion:149 Resp: 1355029

Ion Ratio Lower Upper

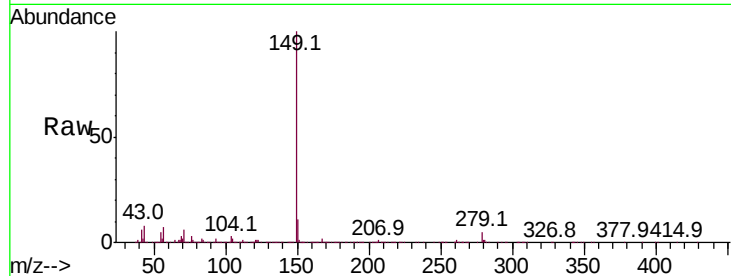
149 100

167 1.7 1.4 2.2

43 7.3 5.7 8.5

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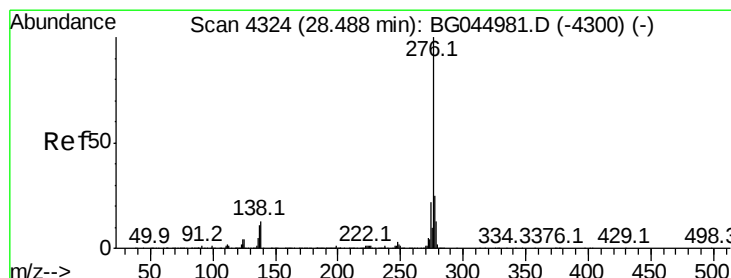
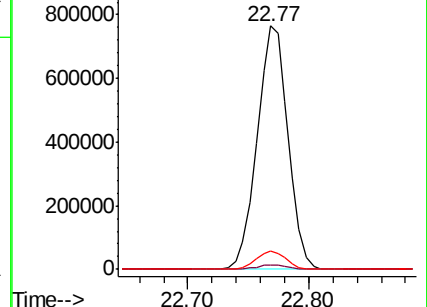
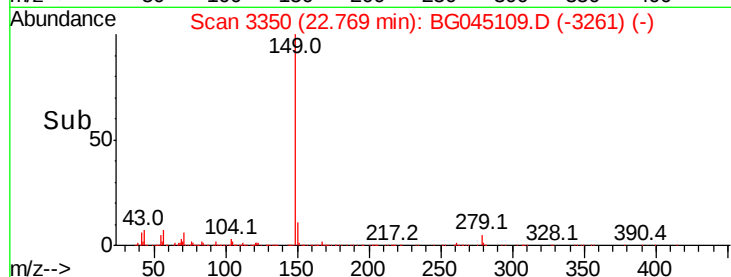
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.038 ng

RT: 28.48 min Scan# 4323

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

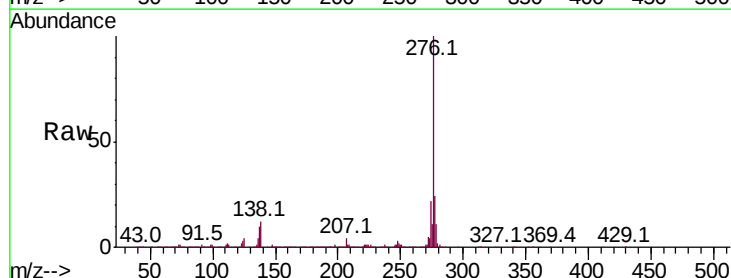
Tgt Ion:276 Resp: 1731143

Ion Ratio Lower Upper

276 100

138 10.6 9.6 14.4

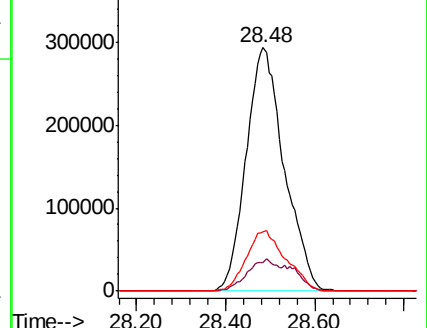
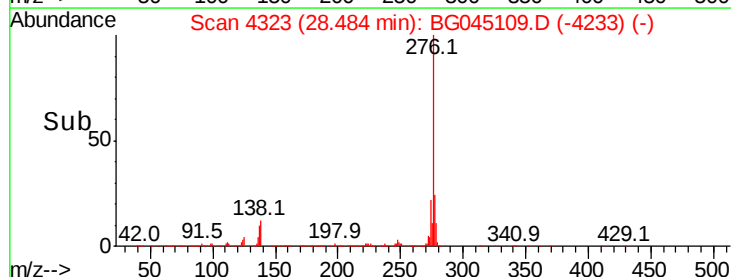
277 25.7 20.6 31.0

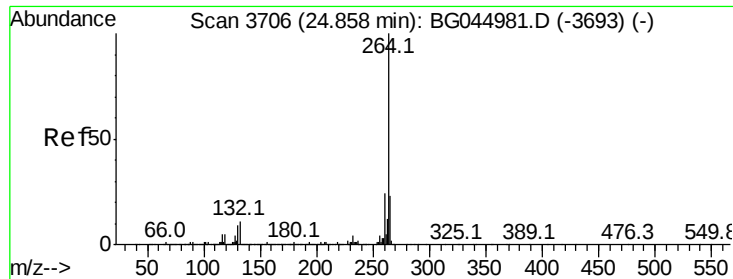


Abundance Ion 276.00 (275.70 to 276.70): E

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: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA_G

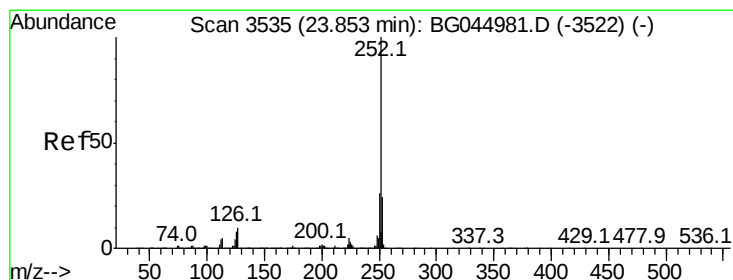
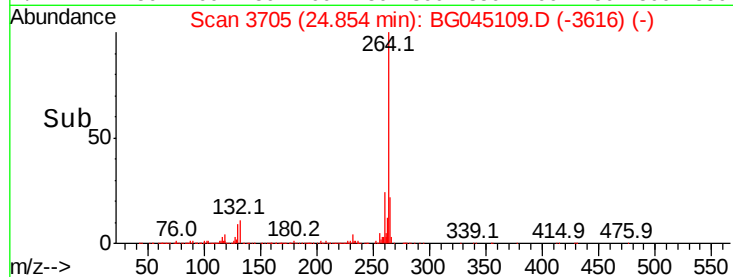
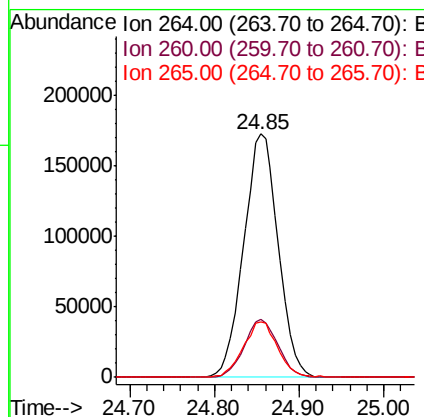
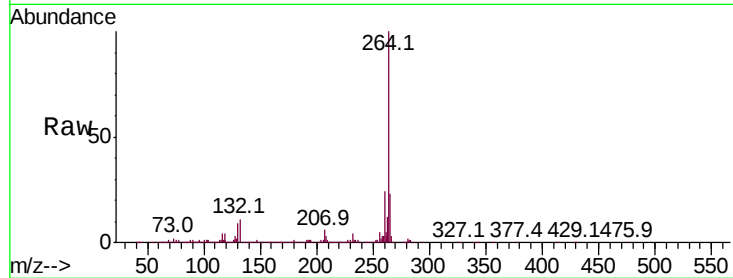
ClientSampleId :

PB128352BS

Tot Ion:	264	Resp:	487591
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	22.6	19.0	28.4

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 48.365 ng

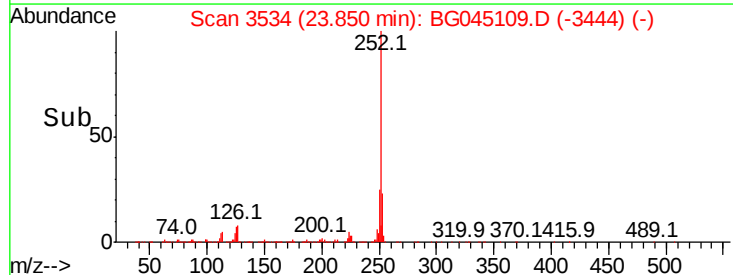
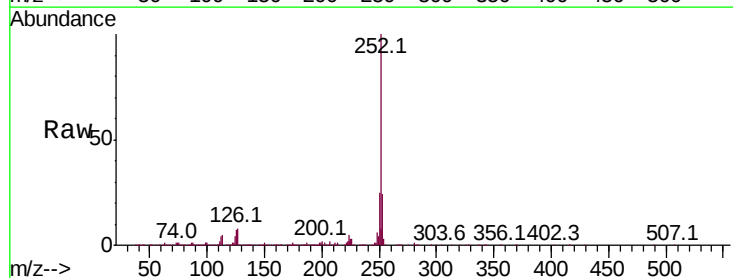
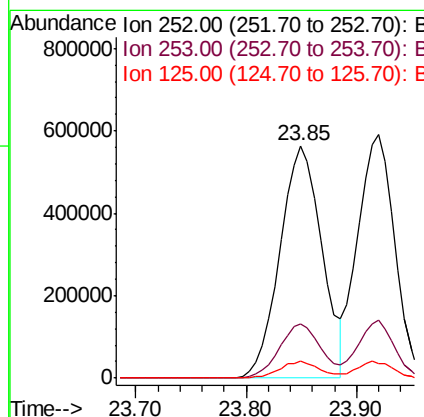
RT: 23.85 min Scan# 3534

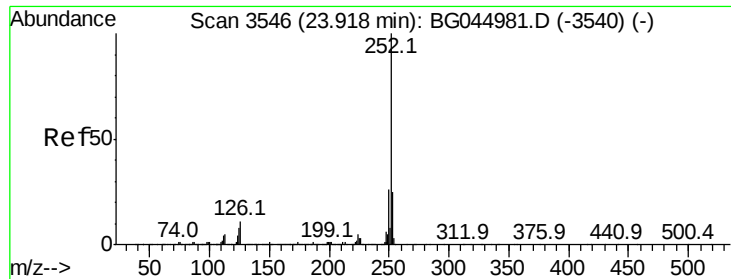
Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Tgt Ion:	252	Resp:	1477173
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.8	28.2
125	7.1	6.2	9.4





#89

Benzo(k)fluoranthene

Concen: 47.478 ng

RT: 23.92 min Scan# 3546

Delta R.T. 0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Instrument :

BNA_G

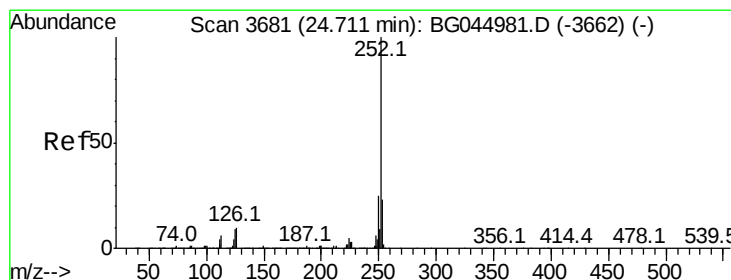
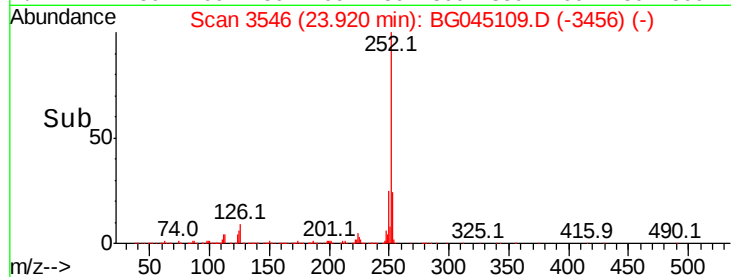
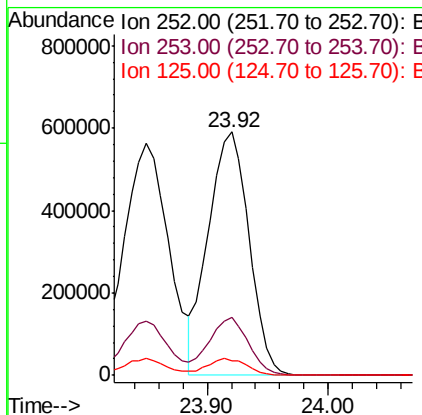
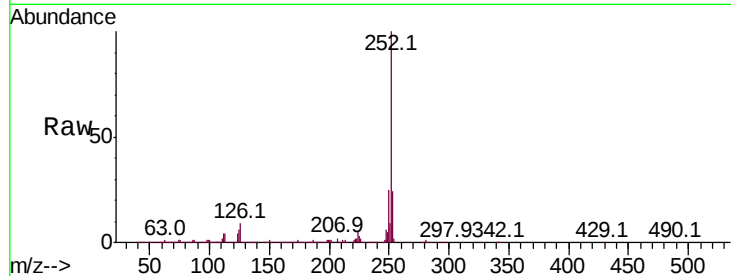
ClientSampleId :

PB128352BS

Tot	Ion:252	Resp:	1379040
Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.2	28.8
125	6.1	5.9	8.9

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 46.473 ng

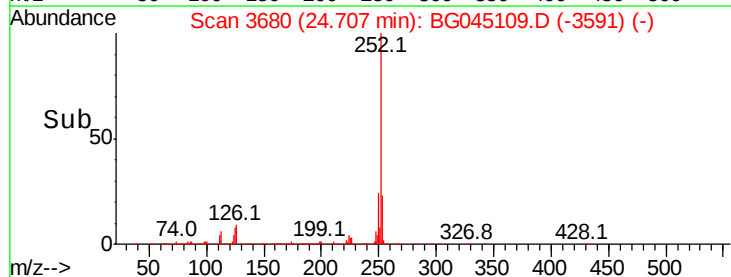
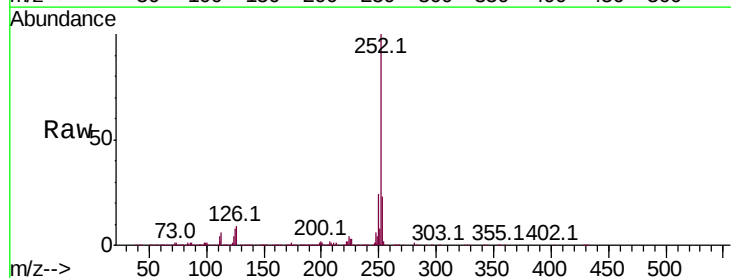
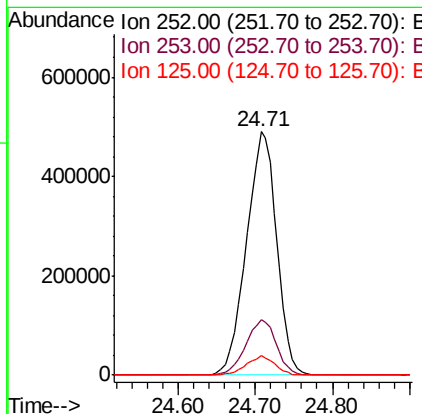
RT: 24.71 min Scan# 3680

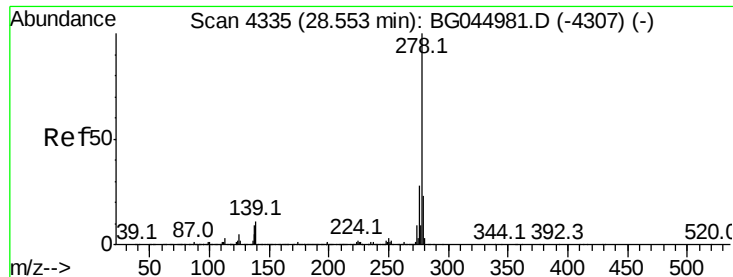
Delta R.T. -0.00 min

Lab File: BG045109.D

Acq: 21 Apr 2020 13:18

Tgt	Ion:252	Resp: 1340139	
Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	7.9	7.0	10.6





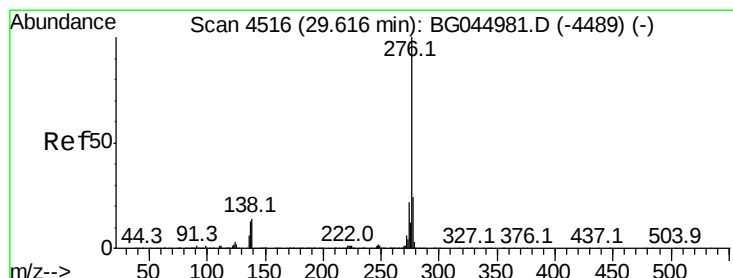
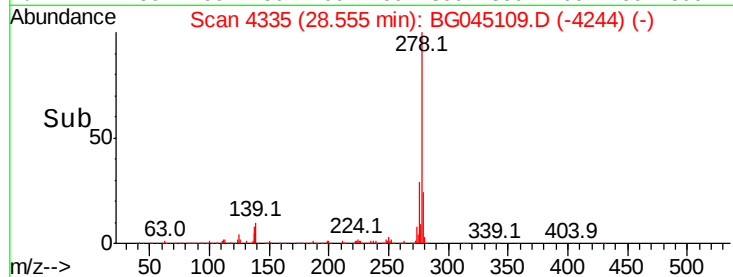
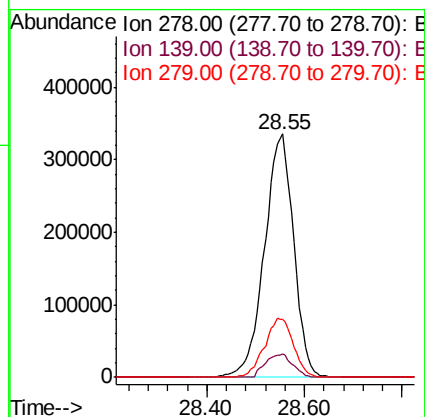
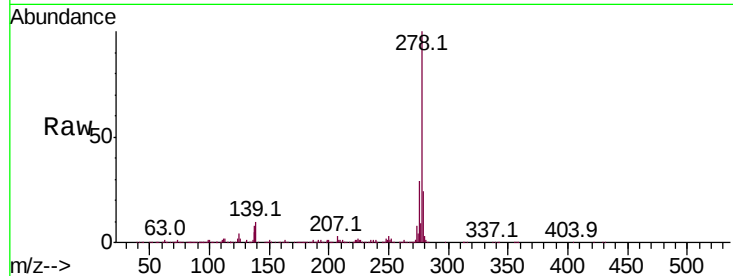
#91
Dibenzo(a,h)anthracene
Concen: 48.165 ng
RT: 28.55 min Scan# 4335
Delta R.T. 0.01 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.8	9.0	13.6
279	23.8	18.4	27.6

Manual Integrations
APPROVED

mohammad
4/24/2020 4:18:43 AM



#92
Benzo(g,h,i)perylene
Concen: 48.194 ng
RT: 29.62 min Scan# 4517
Delta R.T. 0.01 min
Lab File: BG045109.D
Acq: 21 Apr 2020 13:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.3	28.9
138	12.0	11.4	17.2

