

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042920\
 Data File : BG045205.D
 Acq On : 29 Apr 2020 15:00
 Operator : CG/JU
 Sample : PB128538BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128538BS

Manual Integrations
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 4/30/2020 1:37:44 PM

Quant Time: Apr 29 15:38:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 29 12:24:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	59412	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	239824	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	182617	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	453144	20.00	ng	0.00
76) Chrysene-d12	21.64	240	426272	20.00	ng	0.00
87) Perylene-d12	24.82	264	476628	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	325102	90.34	ng	0.00
7) Phenol-d6	7.16	99	459976	86.03	ng	0.00
23) Nitrobenzene-d5	9.15	82	420567	80.02	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	241983	85.77	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1028241	82.56	ng	0.00
79) Terphenyl-d14	19.99	244	1840519	94.11	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.45	88	53307	33.332 ng	97
3) Pyridine	3.84	79	155560	31.591 ng	96
4) n-Nitrosodimethylamine	3.75	42	59288	39.303 ng	93
6) Aniline	7.31	93	210900	30.338 ng	98
8) 2-Chlorophenol	7.56	128	180531	46.678 ng	98
9) Benzaldehyde	7.12	77	71077	19.192 ng	94
10) Phenol	7.18	94	240446	44.940 ng	98
11) bis(2-Chloroethyl)ether	7.40	93	163238	38.320 ng	99
12) 1,3-Dichlorobenzene	7.88	146	188021	41.256 ng	97
13) 1,4-Dichlorobenzene	8.03	146	188589	41.528 ng	98
14) 1,2-Dichlorobenzene	8.34	146	176113	40.537 ng	99
15) Benzyl Alcohol	8.23	79	174245	38.870 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.52	45	151964	36.341 ng	98
17) 2-Methylphenol	8.44	107	161907	39.221 ng	98
18) Hexachloroethane	9.08	117	73796	43.227 ng	94
19) n-Nitroso-di-n-propylamine	8.80	70	143715	38.008 ng	98
20) 3+4-Methylphenols	8.76	107	225353	39.001 ng	98
22) Acetophenone	8.81	105	266024	41.019 ng	97
24) Nitrobenzene	9.19	77	222129	41.230 ng	97
25) Isophorone	9.71	82	412666	38.339 ng	99
26) 2-Nitrophenol	9.91	139	103069	44.413 ng	98
27) 2,4-Dimethylphenol	9.97	122	168805	45.843 ng	93
28) bis(2-Chloroethoxy)methane	10.20	93	231172	40.877 ng	99
29) 2,4-Dichlorophenol	10.45	162	193810	45.583 ng	99
30) 1,2,4-Trichlorobenzene	10.66	180	203323	42.236 ng	95
31) Naphthalene	10.85	128	549392	41.876 ng	99
32) Benzoic acid	10.12	122	110935	38.715 ng	93
33) 4-Chloroaniline	10.95	127	119371	19.510 ng	96
34) Hexachlorobutadiene	11.15	225	139269	42.196 ng	96
35) Caprolactam	11.72	113	68299m	40.361 ng	
36) 4-Chloro-3-methylphenol	12.09	107	225300	45.107 ng	99
37) 2-Methylnaphthalene	12.46	142	430105	42.237 ng	96
38) 1-Methylnaphthalene	12.67	142	413031	42.964 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	241849	41.132 ng	99

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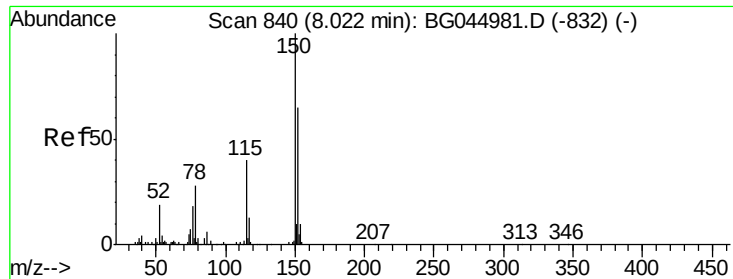
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	334974	91.150	ng	100
43) 2,4,6-Trichlorophenol	13.07	196	180498	43.496	ng	99
44) 2,4,5-Trichlorophenol	13.14	196	194643	41.207	ng	99
46) 1,1'-Biphenyl	13.47	154	556724	40.109	ng	99
47) 2-Chloronaphthalene	13.51	162	433269	40.852	ng	98
48) 2-Nitroaniline	13.70	65	144679	41.461	ng	97
49) Acenaphthylene	14.35	152	723580	41.885	ng	99
50) Dimethylphthalate	14.08	163	616429	41.456	ng	99
51) 2,6-Dinitrotoluene	14.20	165	140302	42.185	ng	96
52) Acenaphthene	14.70	154	565157m	48.352	ng	
53) 3-Nitroaniline	14.52	138	93055	25.511	ng	97
54) 2,4-Dinitrophenol	14.74	184	179862	90.946	ng	94
55) Dibenzofuran	15.03	168	716381	42.039	ng	98
56) 4-Nitrophenol	14.85	139	227588	80.468	ng	96
57) 2,4-Dinitrotoluene	14.99	165	201968	41.554	ng	98
58) Fluorene	15.68	166	600655	43.153	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	190871	45.414	ng	99
60) Diethylphthalate	15.45	149	638236	41.169	ng	99
61) 4-Chlorophenyl-phenylether	15.67	204	329501	41.127	ng	98
62) 4-Nitroaniline	15.69	138	139605	36.899	ng	98
63) Azobenzene	15.96	77	604625	42.302	ng	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	132454	44.470	ng	98
66) n-Nitrosodiphenylamine	15.89	169	541979	41.628	ng	99
67) 4-Bromophenyl-phenylether	16.57	248	234476	40.109	ng	98
68) Hexachlorobenzene	16.69	284	255418	42.128	ng	99
69) Atrazine	16.84	200	226505	48.018	ng	95
70) Pentachlorophenol	17.03	266	315923	84.940	ng	98
71) Phenanthrene	17.42	178	990700	42.545	ng	99
72) Anthracene	17.51	178	1024077	43.842	ng	100
73) Carbazole	17.78	167	934234	39.413	ng	96
74) Di-n-butylphthalate	18.34	149	1130692	43.636	ng	99
75) Fluoranthene	19.43	202	1261218	46.252	ng	98
77) Benzidine	19.61	184	676715	56.306	ng	98
78) Pyrene	19.79	202	1238982	42.160	ng	98
80) Butylbenzylphthalate	20.68	149	506426	41.574	ng	99
81) Benzo(a)anthracene	21.63	228	1177099	42.605	ng	98
82) 3,3'-Dichlorobenzidine	21.54	252	349259	31.760	ng	98
83) Chrysene	21.69	228	1151081	43.362	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	718526	42.888	ng	100
85) Di-n-octyl phthalate	22.74	149	1234063	42.596	ng	100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1550600	43.995	ng	98
88) Benzo(b)fluoranthene	23.82	252	1293189	43.315	ng	99
89) Benzo(k)fluoranthene	23.88	252	1261851	44.443	ng	99
90) Benzo(a)pyrene	24.67	252	1204152	42.718	ng	97
91) Dibenzo(a,h)anthracene	28.49	278	1259134	44.329	ng	98
92) Benzo(g,h,i)perylene	29.55	276	1255094	44.074	ng	98

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



#1

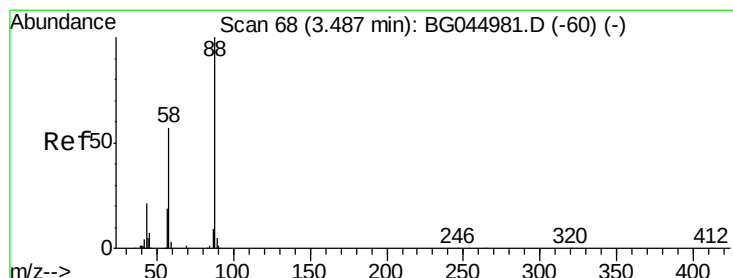
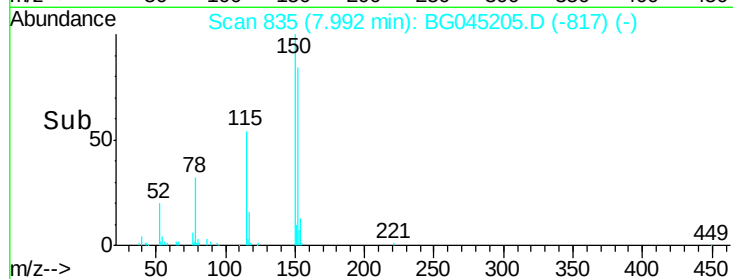
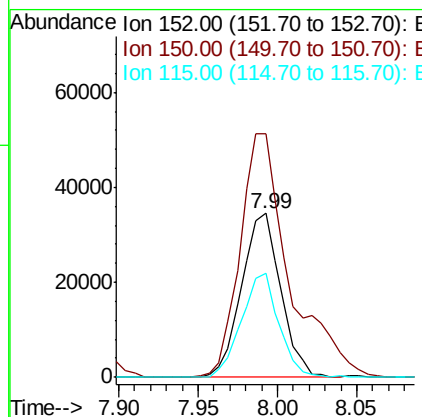
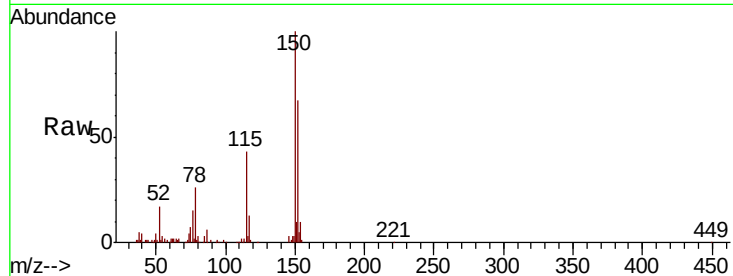
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Instrument :
 BNA_G
 ClientSampleId :
 PB128538BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.7	123.6	185.4
115	63.9	49.1	73.7

Manual Integrations
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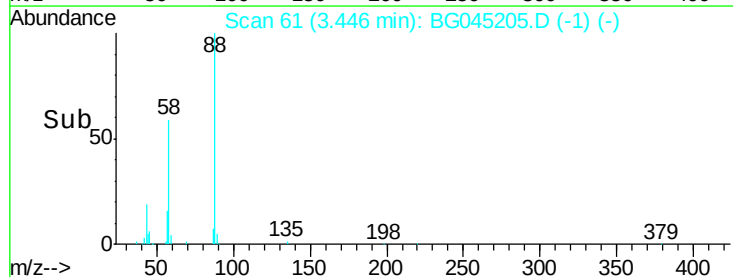
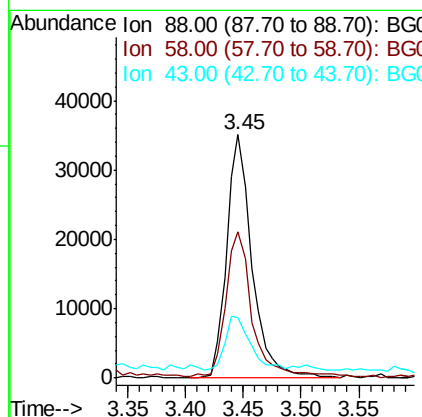
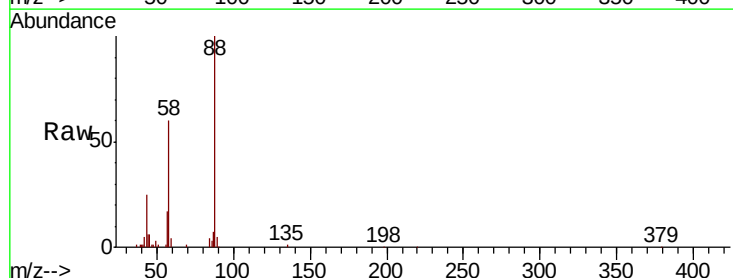
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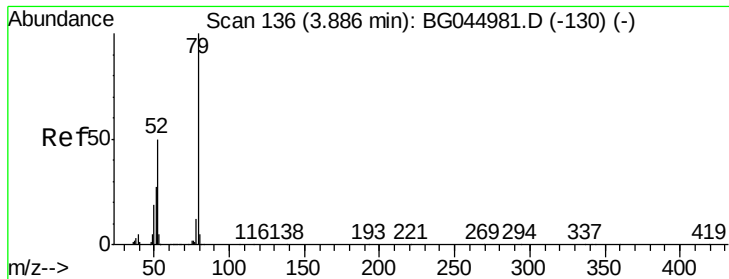


#2

1,4-Dioxane
 Concen: 33.332 ng
 RT: 3.45 min Scan# 61
 Delta R.T. -0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.5	46.6	69.8
43	22.0	17.5	26.3





#3

Pvridine

Concen: 31.591 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

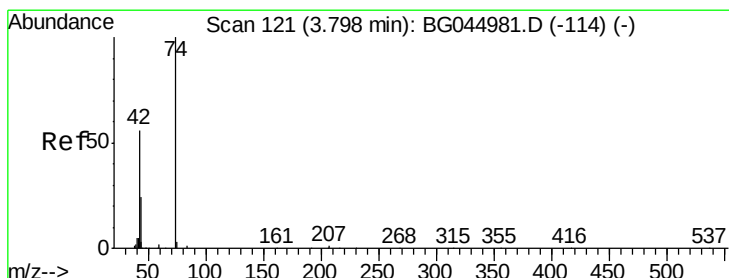
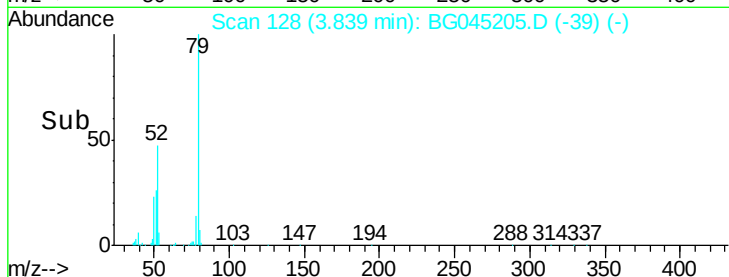
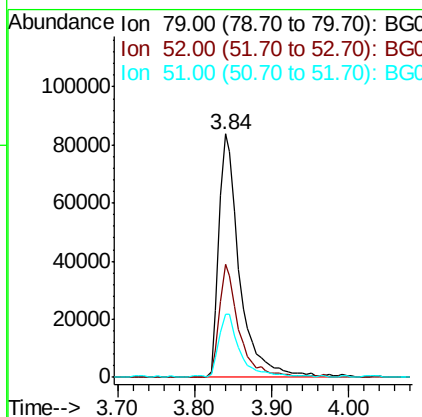
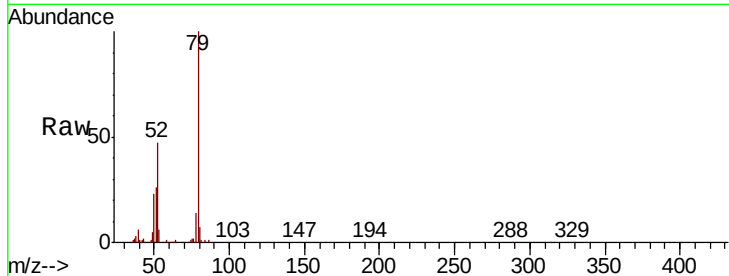
ClientSampled :

PB128538BS

Tot Ion:	79	Resp:	155560
Ion	Ratio	Lower	Upper
79	100		
52	46.6	39.8	59.6
51	25.9	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 39.303 ng

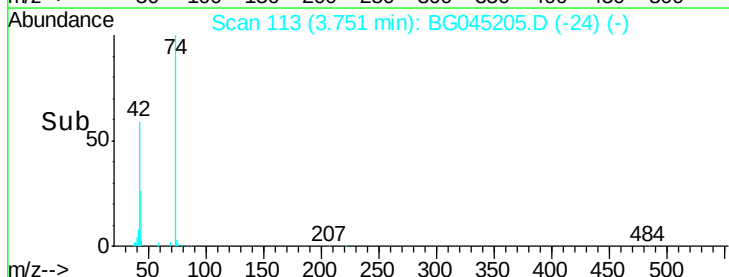
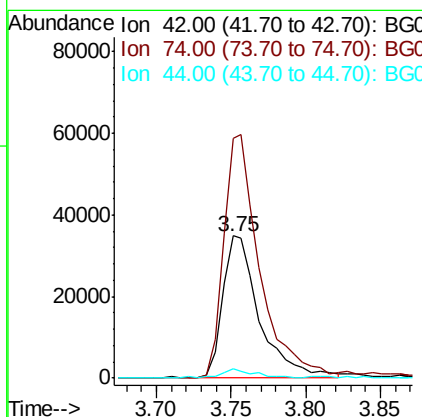
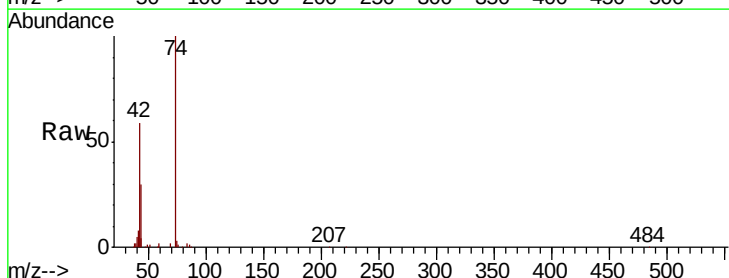
RT: 3.75 min Scan# 113

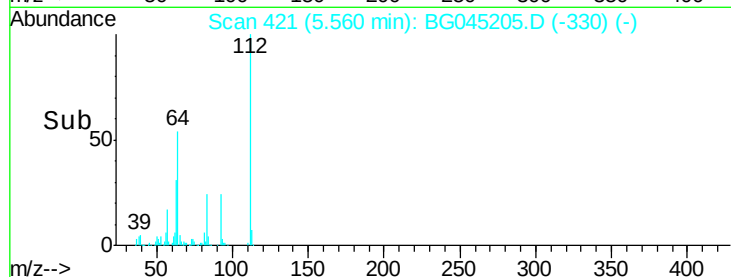
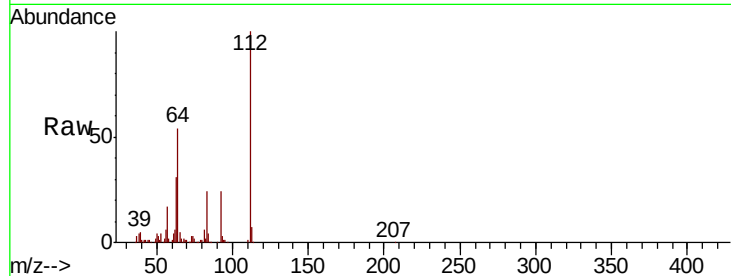
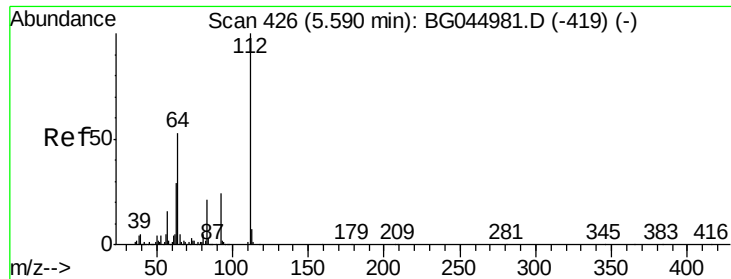
Delta R.T. -0.01 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Tgt Ion:	42	Resp:	59288
Ion	Ratio	Lower	Upper
42	100		
74	168.2	143.0	214.6
44	6.5	4.6	6.8





#5

2-Fluorophenol

Concen: 90.340 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Tot Ion	Ratio	Resp	Lower	Upper
112	100	325102		
64	54.2	42.4	63.6	
63	30.9	23.1	34.7	

Instrument :

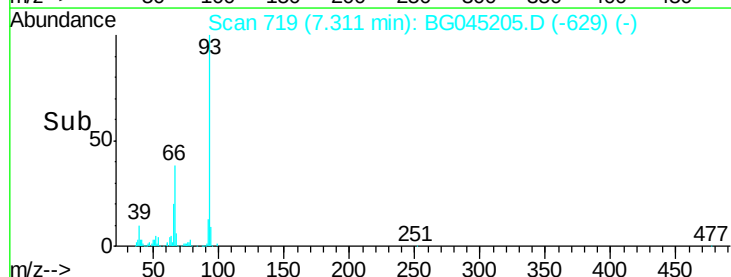
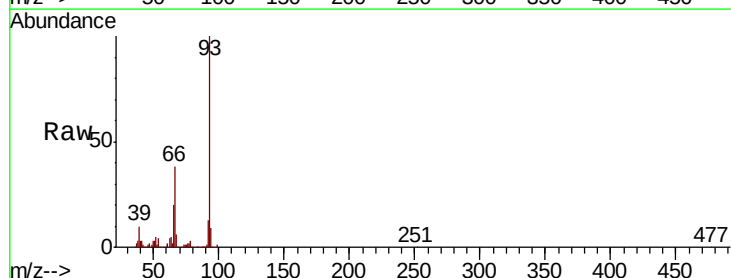
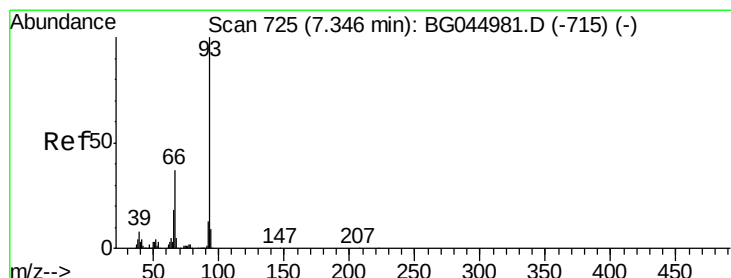
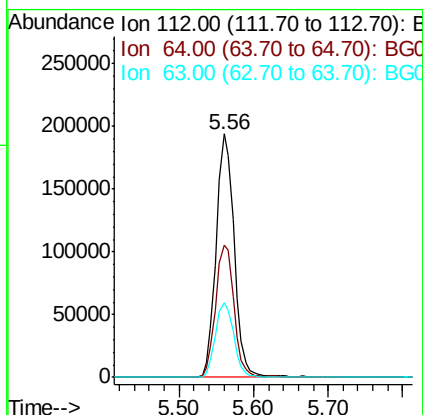
BNA_G

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PB128538BS

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#6

Aniline

Concen: 30.338 ng

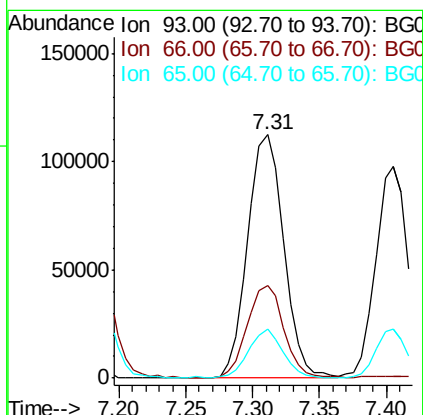
RT: 7.31 min Scan# 719

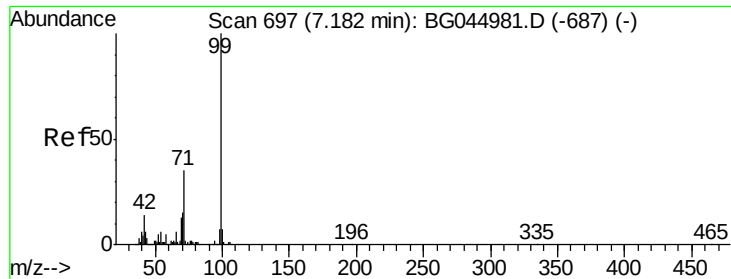
Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	210900		
66	37.9	29.8	44.8	
65	20.1	14.6	22.0	





#7

Phenol-d6

Concen: 86.030 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

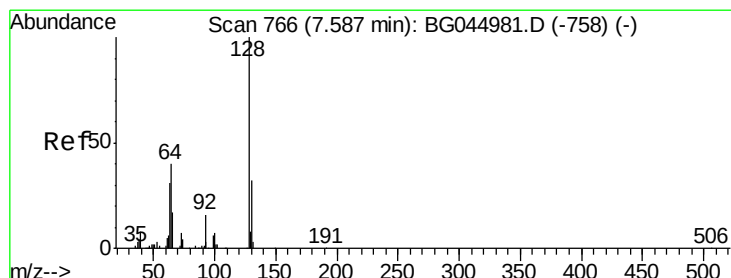
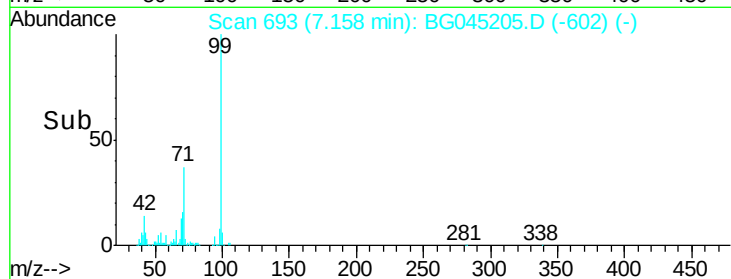
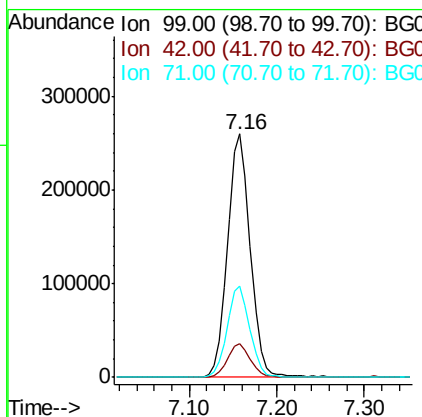
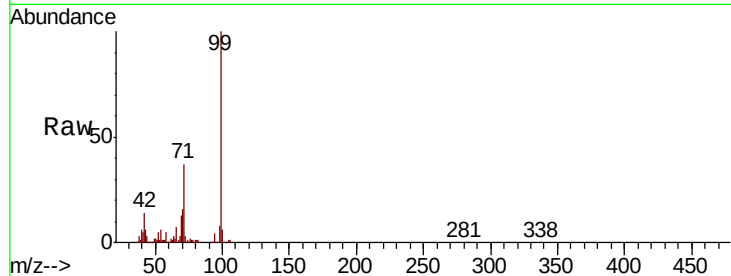
ClientSampleId :

PB128538BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		459976		
42	13.7	11.3		16.9	
71	37.3	28.3		42.5	

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#8

2-Chlorophenol

Concen: 46.678 ng

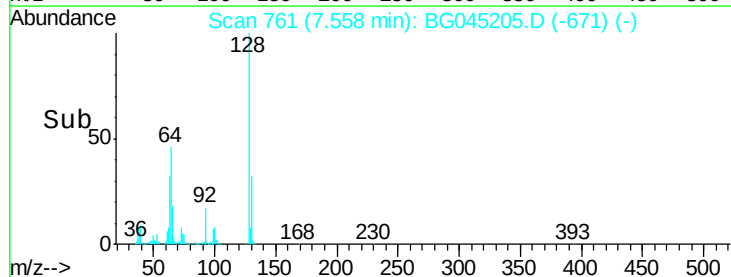
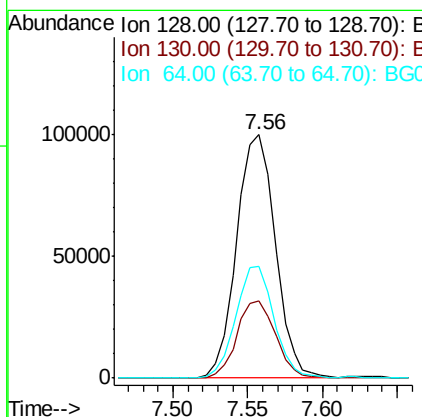
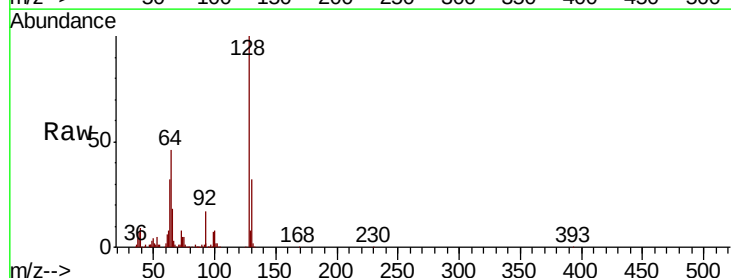
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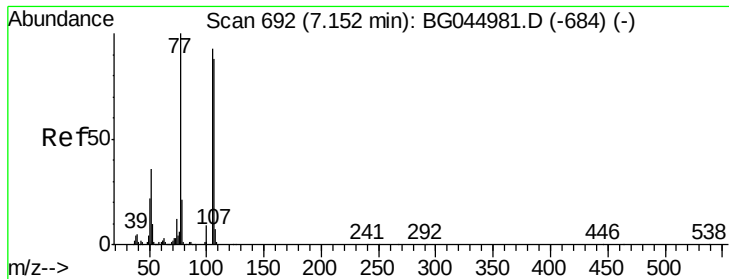
Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		180531		
130	31.8	12.3		52.3	
64	45.8	24.4		64.4	





#9

Benzaldehyde

Concen: 19.192 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

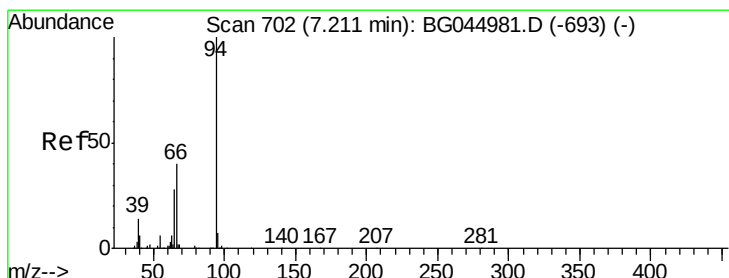
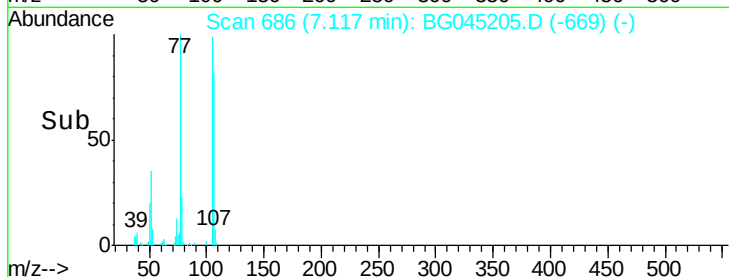
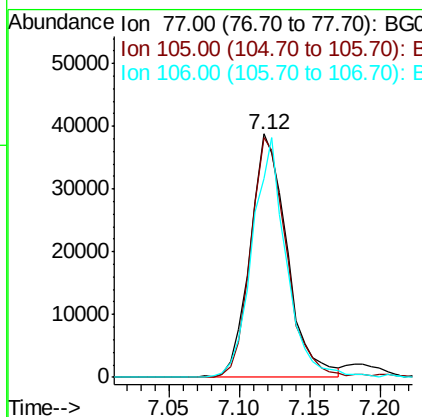
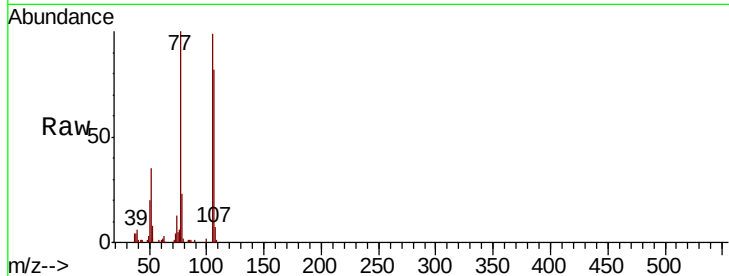
ClientSampleID :

PB128538BS

Tot Ion:	77	Resp:	71077
Ion	Ratio	Lower	Upper
77	100		
105	98.6	72.9	112.9
106	81.8	67.6	107.6

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#10

Phenol

Concen: 44.940 ng

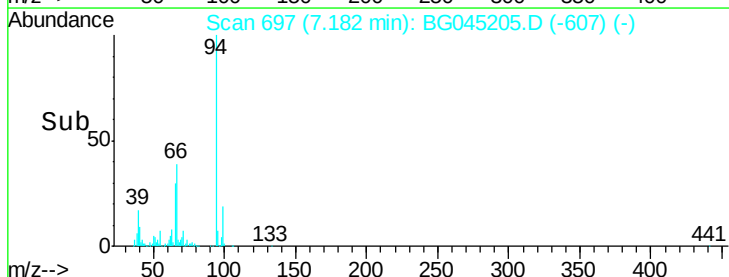
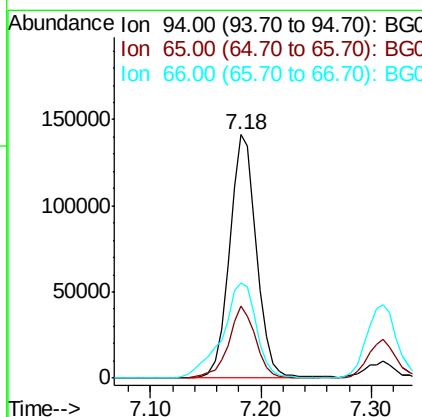
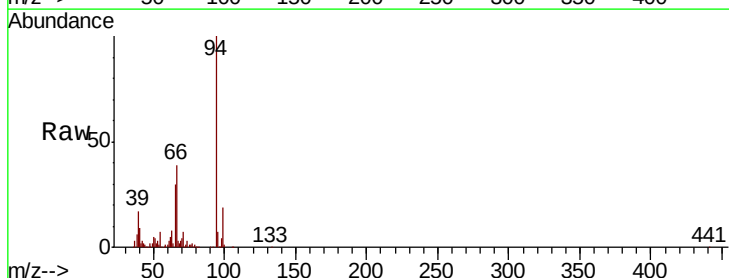
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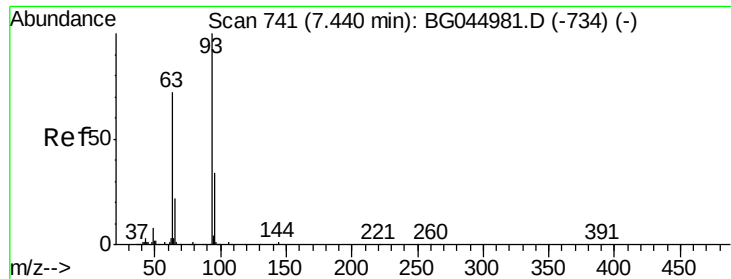
Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Tgt Ion:	94	Resp:	240446
Ion	Ratio	Lower	Upper
94	100		
65	29.8	8.2	48.2
66	39.2	20.4	60.4





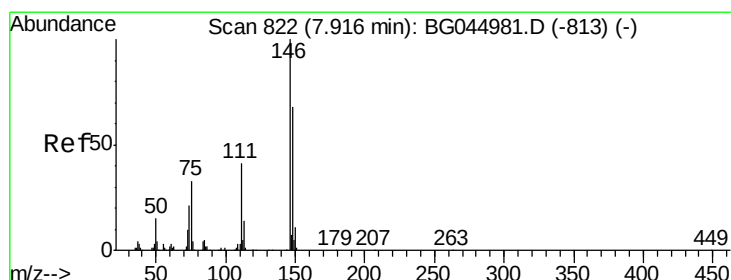
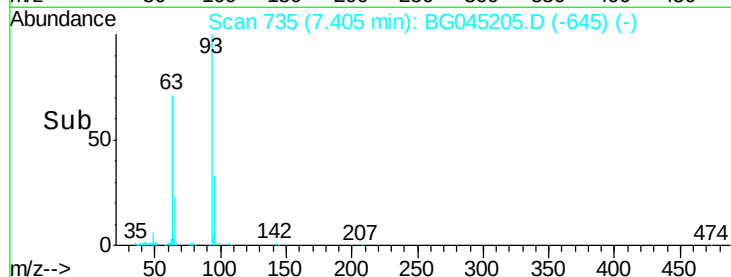
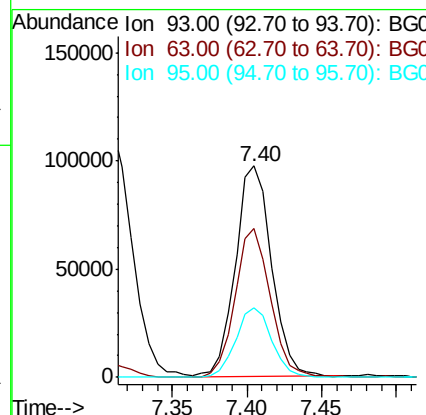
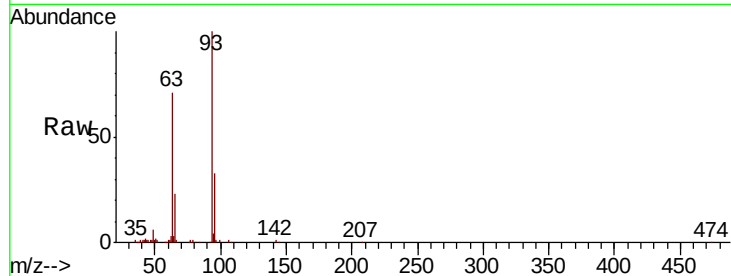
#11
 bis(2-Chloroethyl)ether
 Concen: 38.320 ng
 RT: 7.40 min Scan# 735
 Delta R.T. -0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Instrument :
 BNA_G
 ClientSampleId :
 PB128538BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		163238		
63	70.6	51.8	91.8		
95	33.1	13.8	53.8		

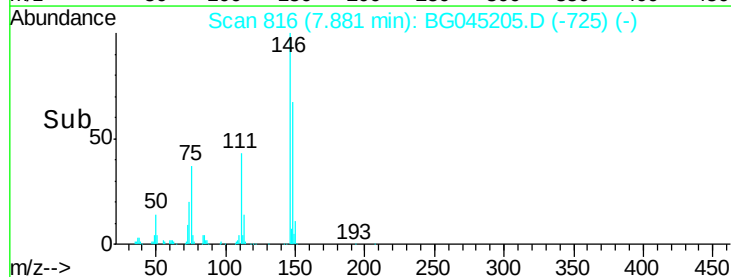
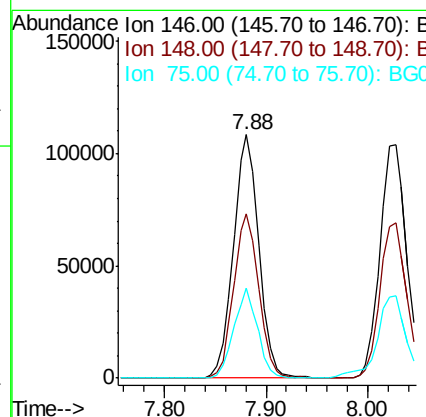
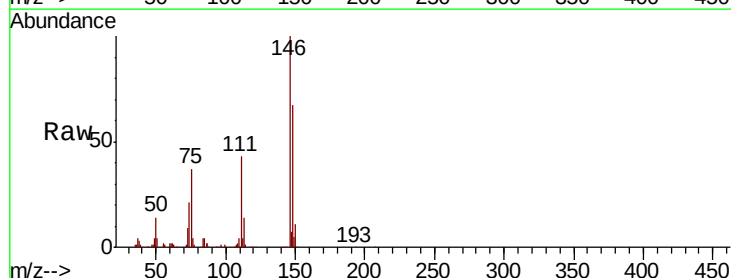
Manual Integrations
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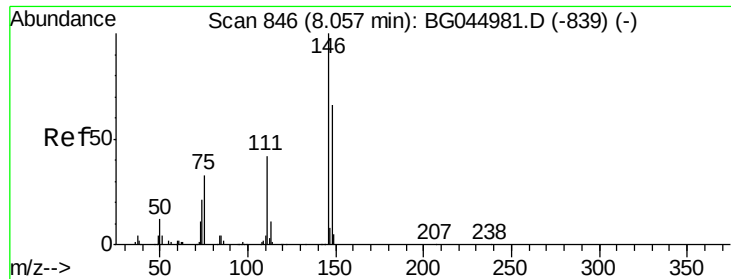
mohammad
 4/30/2020 1:37:44 PM



#12
 1,3-Dichlorobenzene
 Concen: 41.256 ng
 RT: 7.88 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		188021		
148	67.3	54.6	81.8		
75	37.0	26.0	39.0		





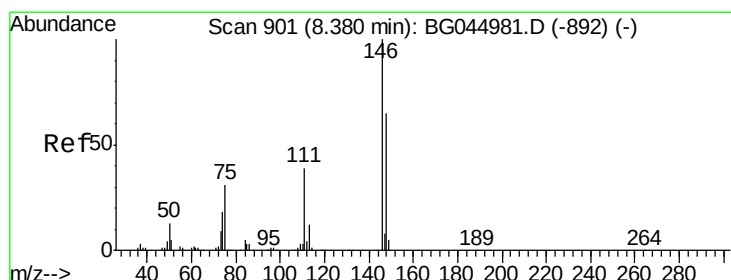
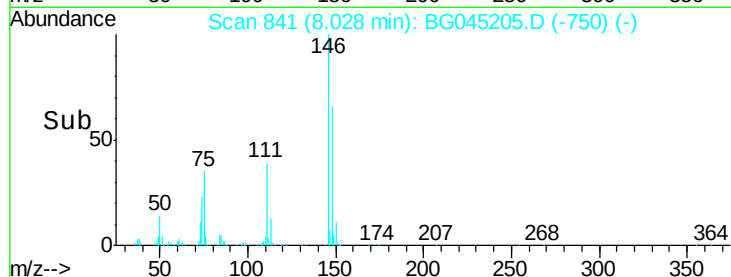
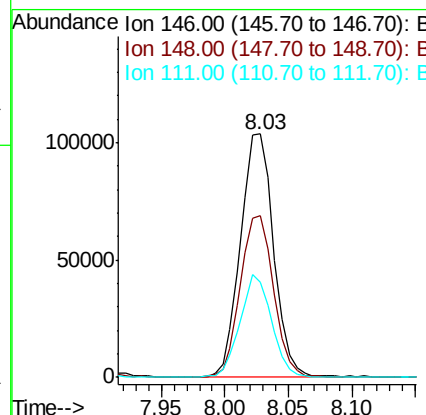
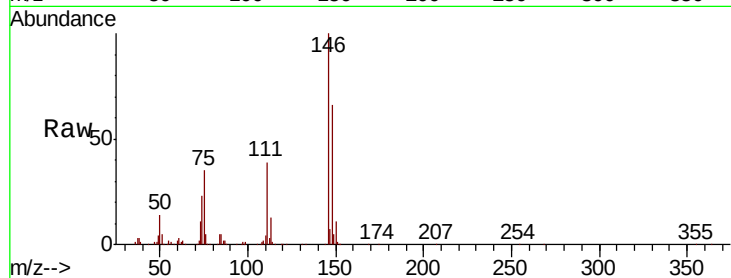
#13
 1,4-Dichlorobenzene
 Concen: 41.528 ng
 RT: 8.03 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Instrument :
 BNA_G
 ClientSampled :
 PB128538BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.5	53.3	79.9
111	39.1	33.8	50.8

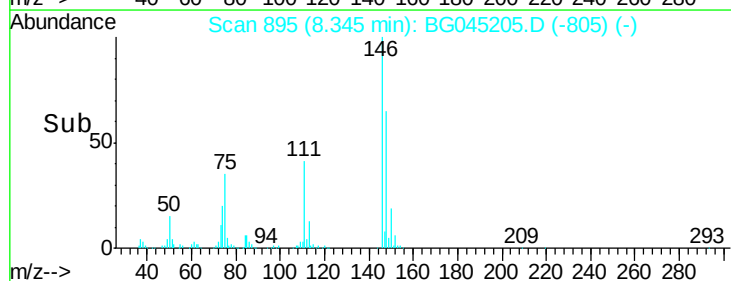
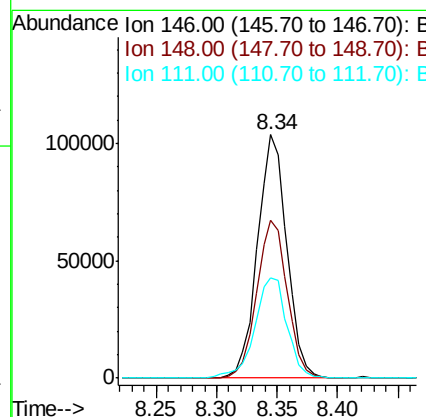
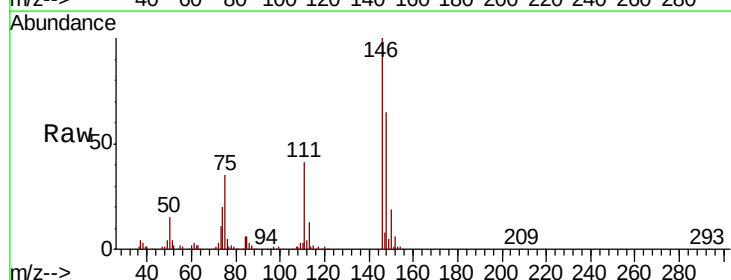
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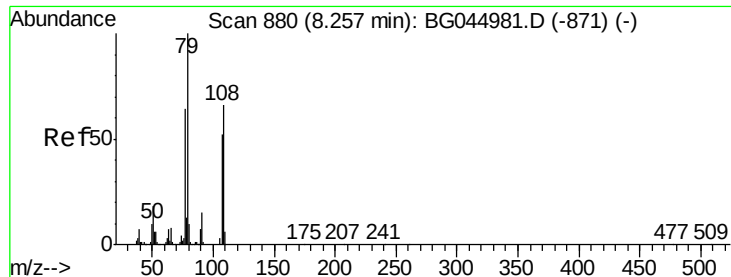
mohammad
 4/30/2020 1:37:44 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.537 ng
 RT: 8.34 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.9	77.9
111	41.3	31.3	46.9





#15

Benzyl Alcohol

Concen: 38.870 ng

RT: 8.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

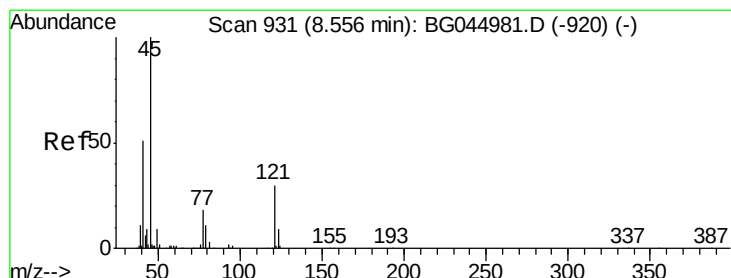
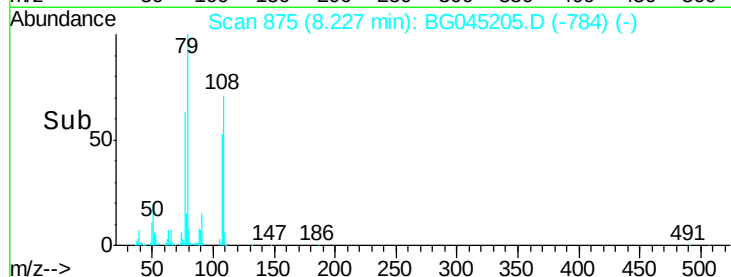
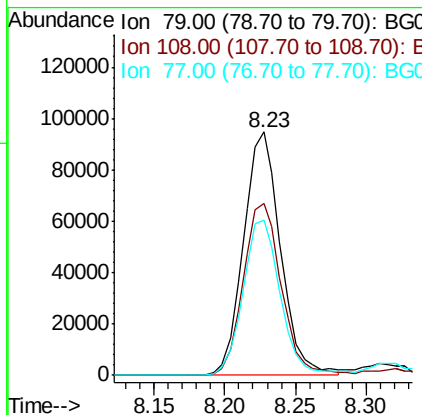
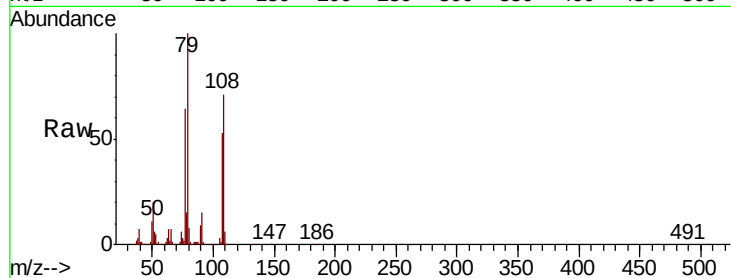
ClientSampleId :

PB128538BS

Tot Ion:	79	Resp:	174245
Ion	Ratio	Lower	Upper
79	100		
108	70.8	52.7	79.1
77	63.6	51.3	76.9

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.341 ng

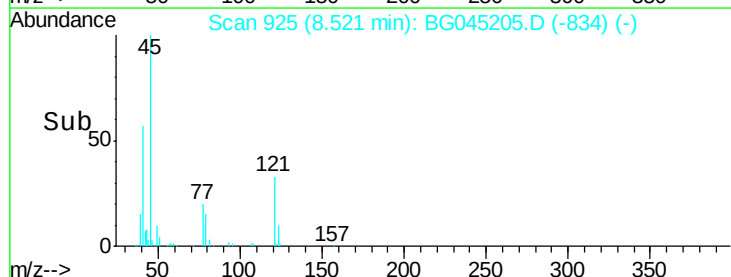
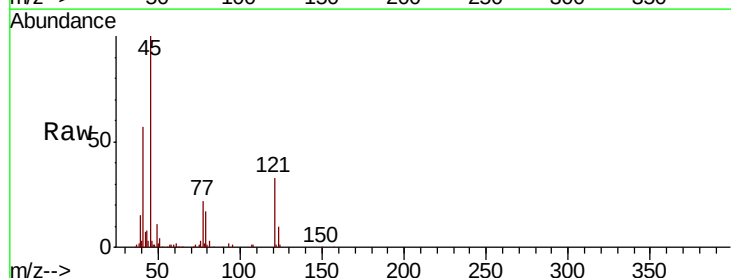
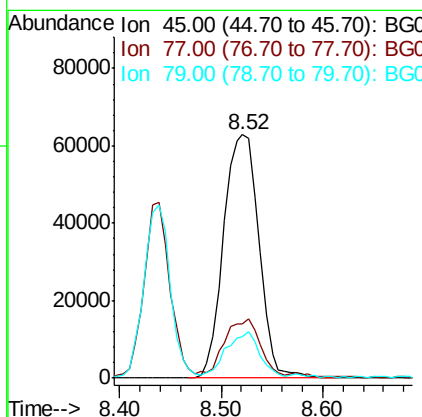
RT: 8.52 min Scan# 925

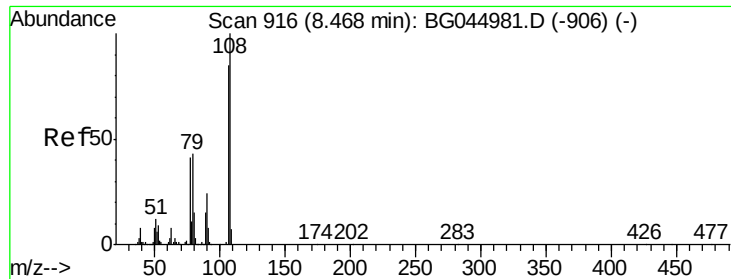
Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Tgt Ion:	45	Resp:	151964
Ion	Ratio	Lower	Upper
45	100		
77	22.3	1.9	41.9
79	16.9	0.0	35.5





#17

2-Methylphenol

Concen: 39.221 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

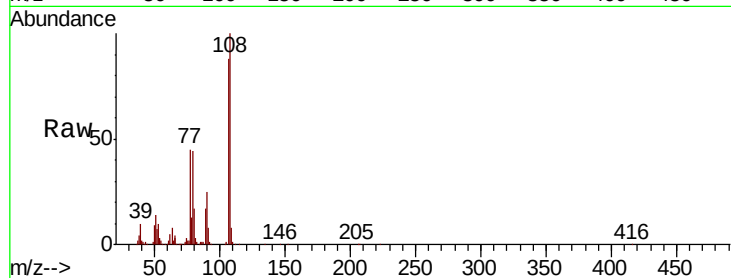
ClientSampleId :

PB128538BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.3	93.8	140.6	
77	50.9	38.5	57.7	
79	50.2	40.1	60.1	

Manual Integrations
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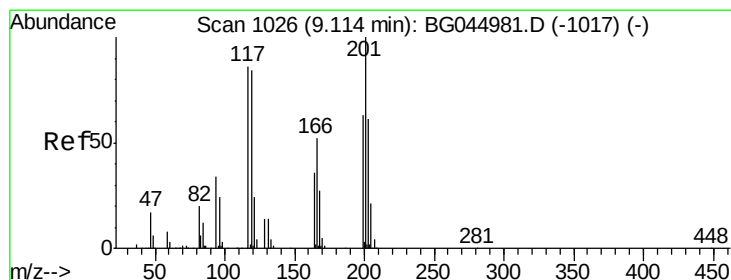
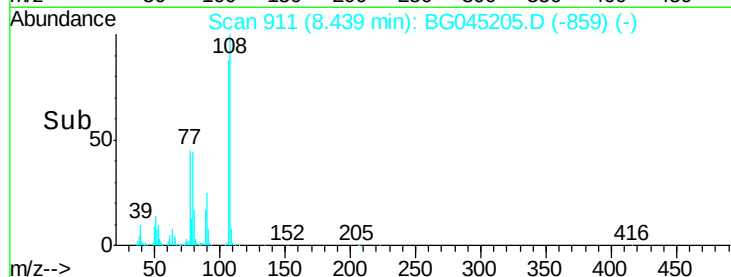
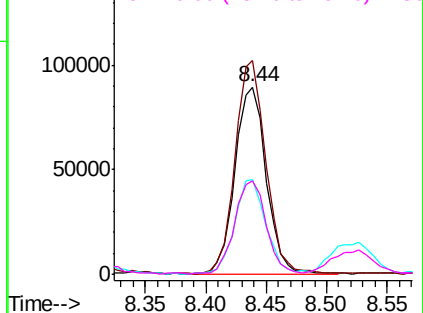
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.227 ng

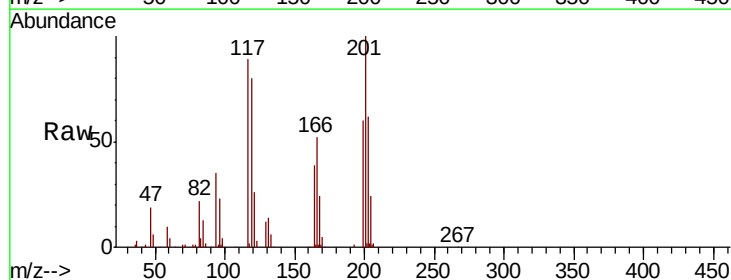
RT: 9.08 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	89.6	78.3	117.5	
201	111.8	92.9	139.3	

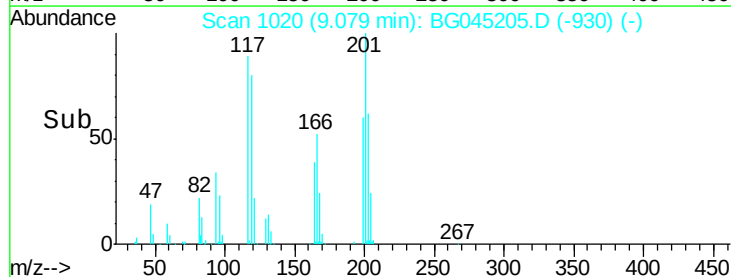
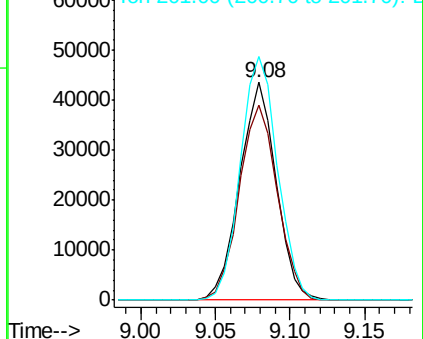


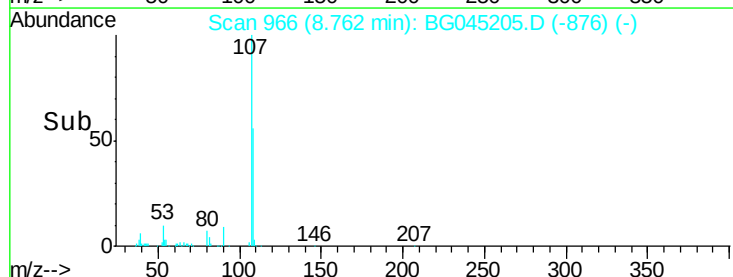
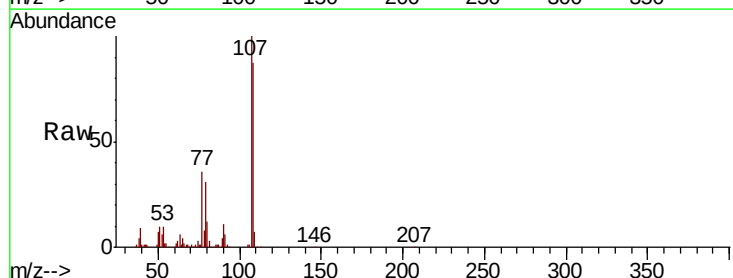
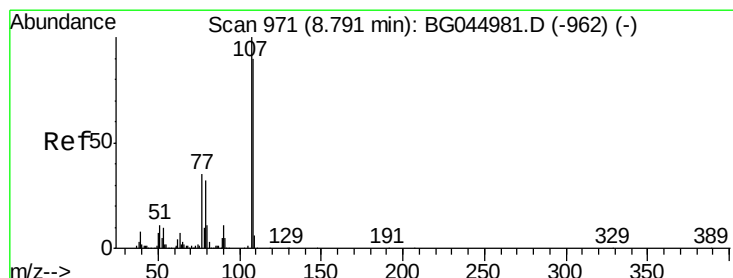
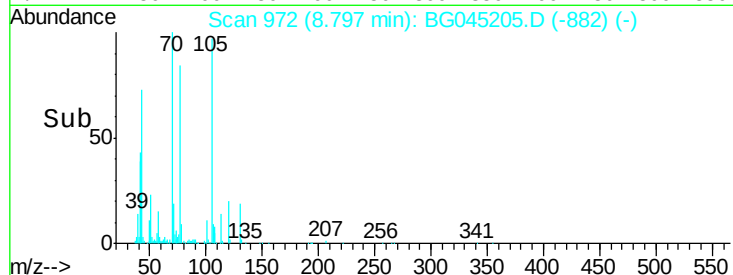
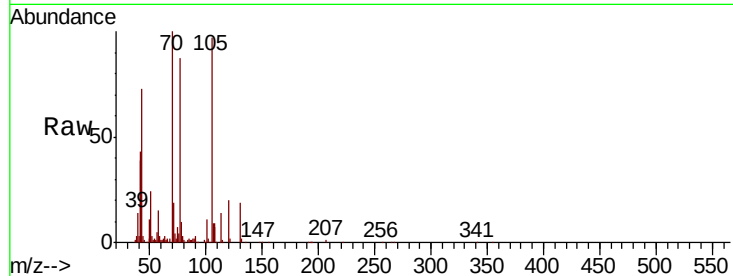
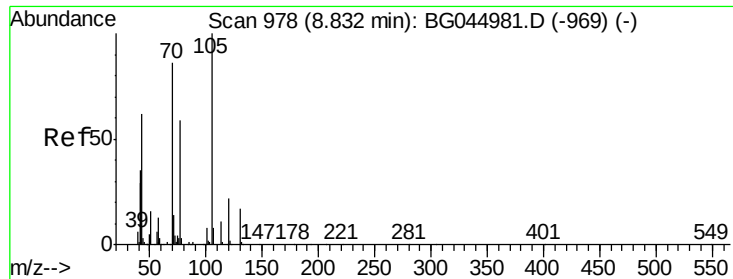
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

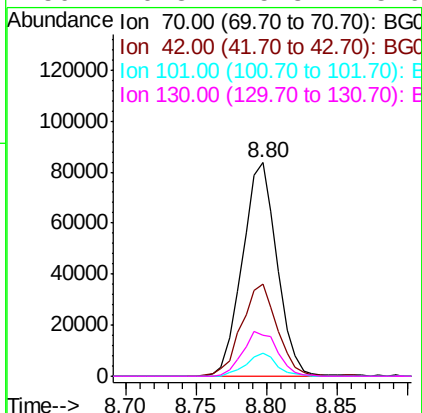
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 38.008 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tot Ion	Ion	Ratio	Lower	Upper
143715	70	100		
	42	43.0	33.3	49.9
	101	10.9	7.8	11.8
	130	19.3	15.8	23.6



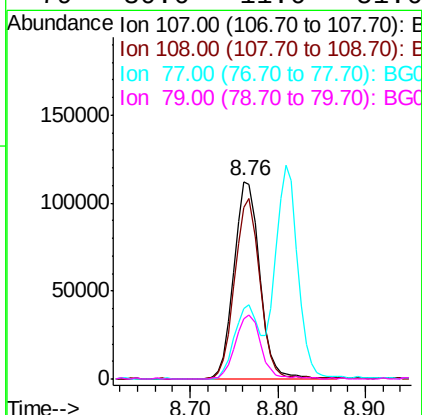
Instrument :
BNA_G
ClientSampleId :
PB128538BS

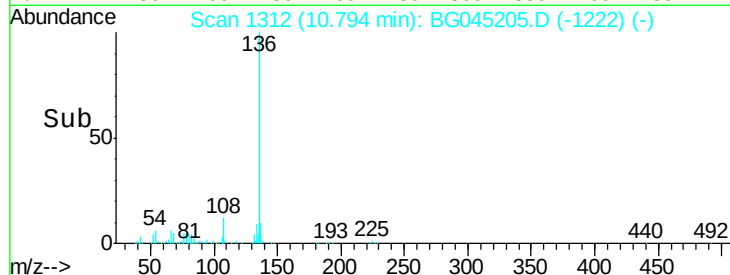
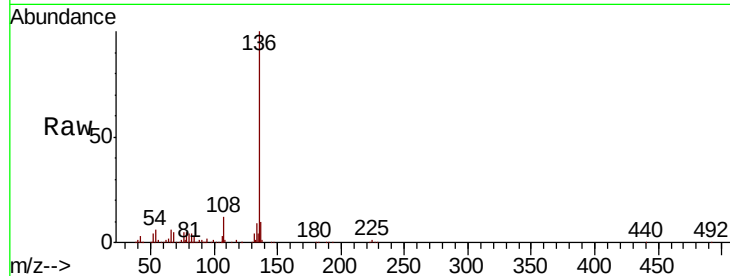
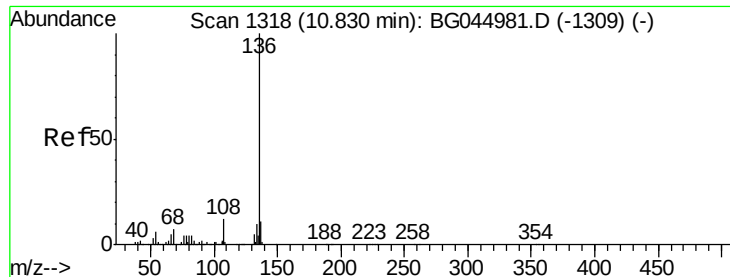
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#20
3+4-Methylphenols
Concen: 39.001 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion	Ion	Ratio	Lower	Upper
225353	107	100		
	108	87.1	69.9	109.9
	77	35.9	15.2	55.2
	79	30.6	11.6	51.6





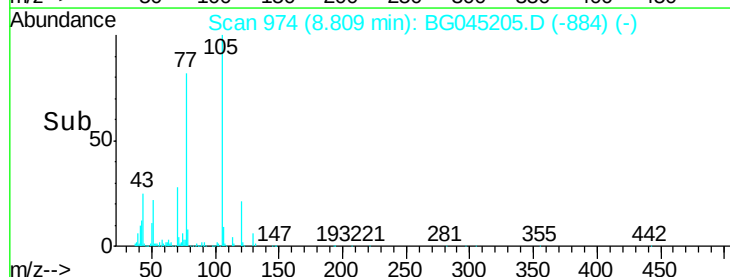
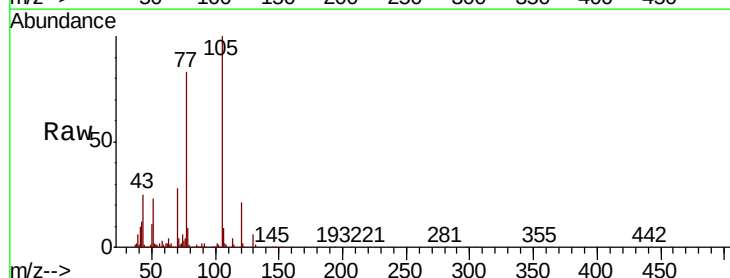
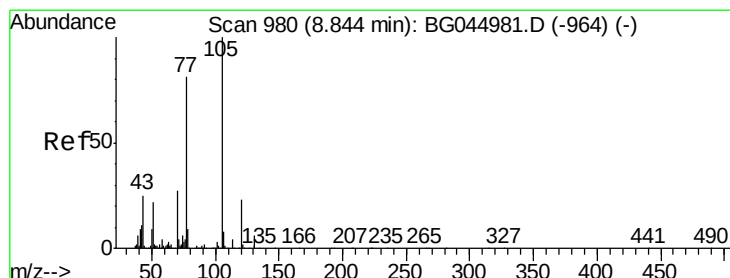
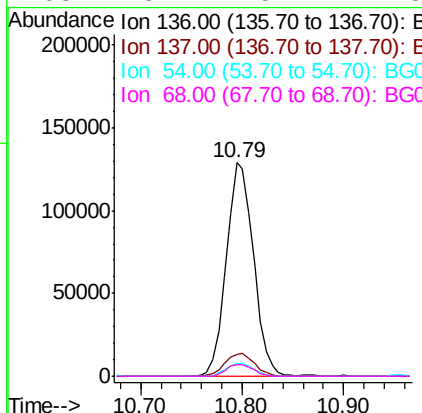
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tot Ion	Ratio	Resp	Lower	Upper
136	100	239824		
137	10.4		8.6	13.0
54	6.2		4.8	7.2
68	5.2		5.2	7.8#

Instrument :
BNA_G
ClientSampleId :
PB128538BS

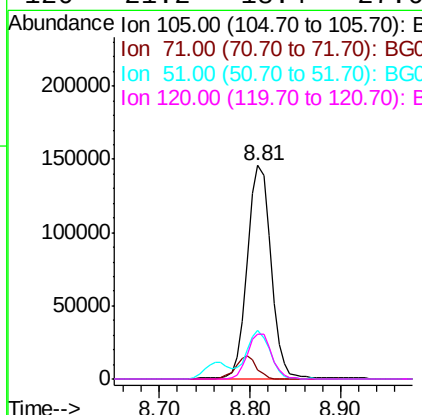
Manual Integrations
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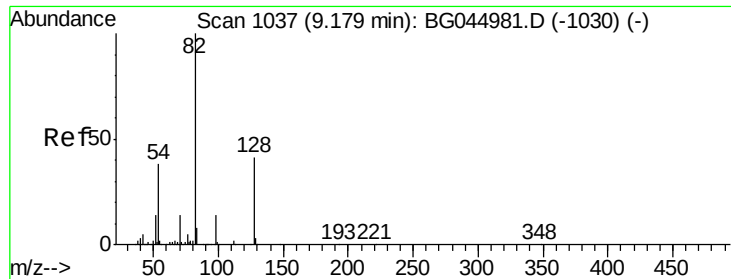
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#22
Acetophenone
Concen: 41.019 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	266024		
71	4.2		3.3	4.9
51	22.6		17.3	25.9
120	21.2		18.4	27.6





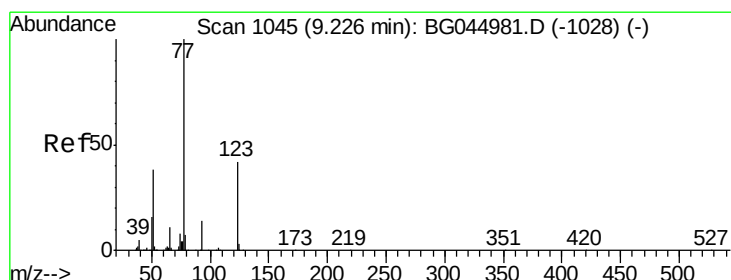
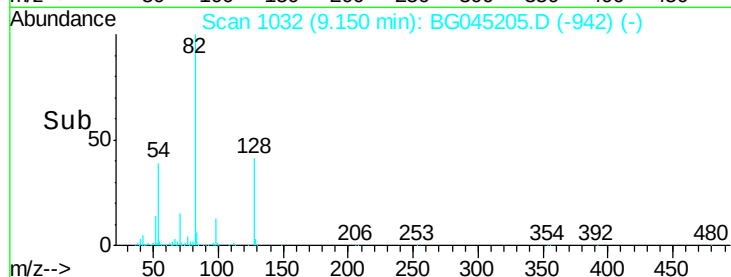
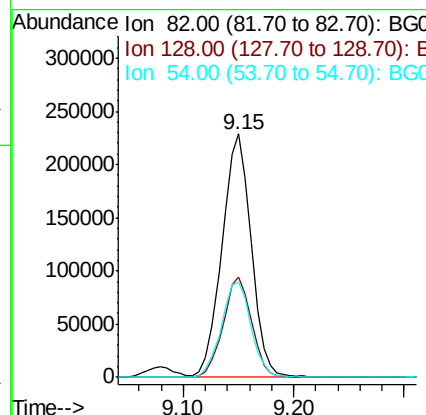
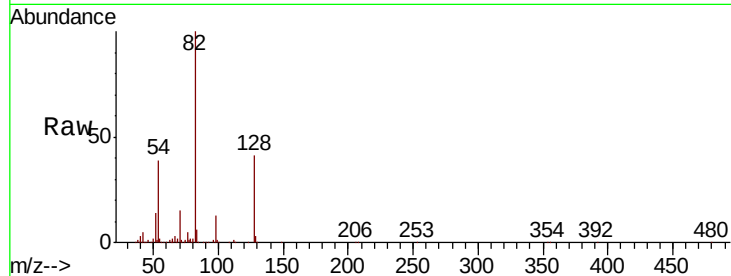
#23
 Nitrobenzene-d5
 Concen: 80.017 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Instrument :
 BNA_G
 ClientSampleId :
 PB128538BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.0	49.4
54	39.2	30.4	45.6

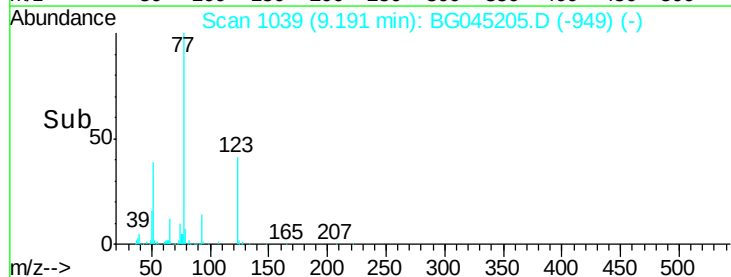
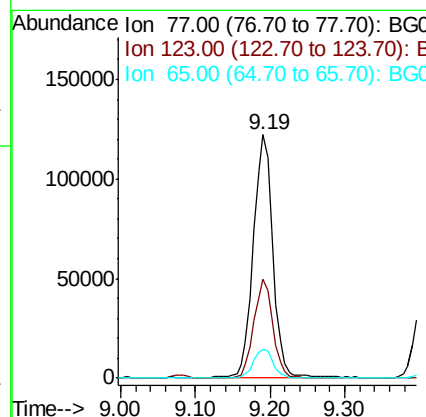
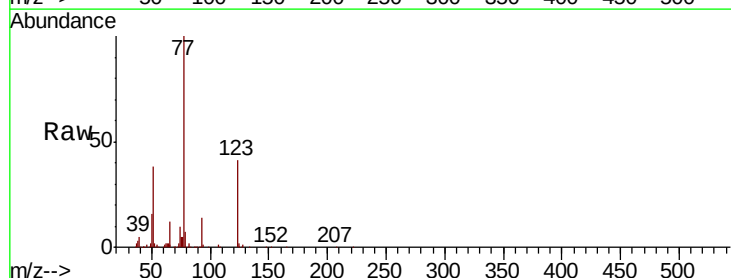
Manual Integrations
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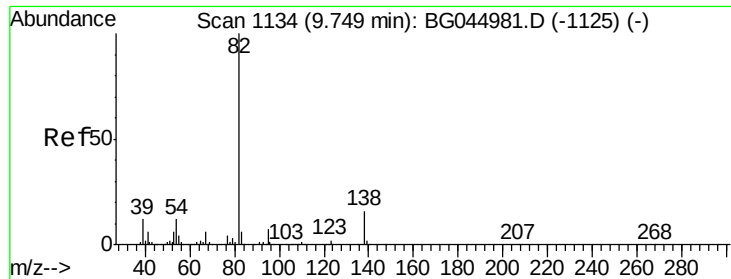
mohammad
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#24
 Nitrobenzene
 Concen: 41.230 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.8	34.3	51.5
65	11.7	8.9	13.3





#25

Isophorone

Concen: 38.339 ng

RT: 9.71 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

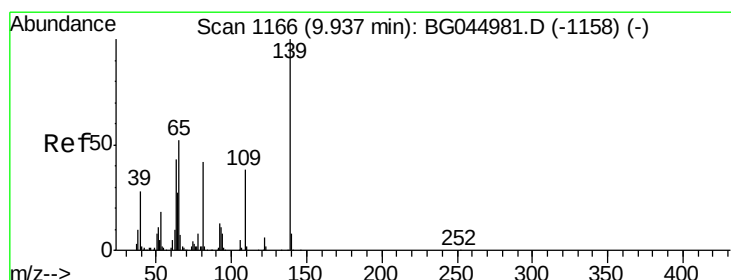
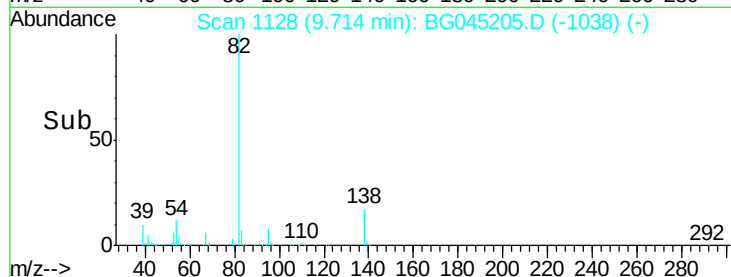
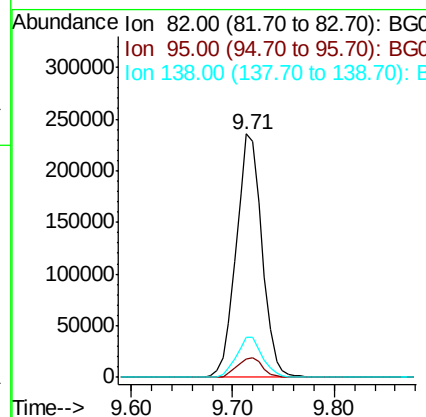
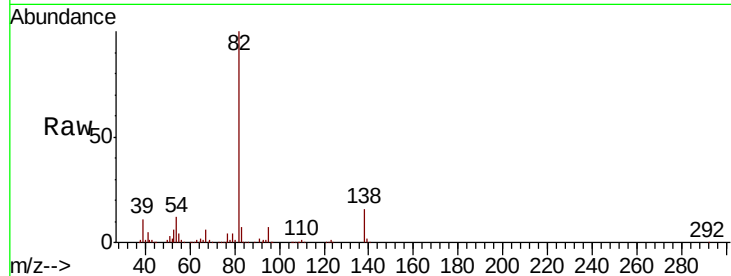
ClientSampleId :

PB128538BS

Tot Ion:	82	Resp:	412666
Ion Ratio	Lower	Upper	
82	100		
95	7.4	6.0	9.0
138	16.5	12.7	19.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.413 ng

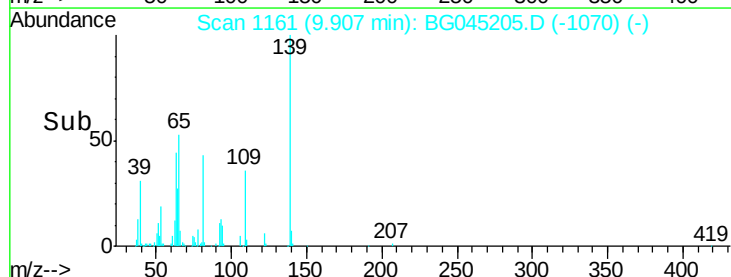
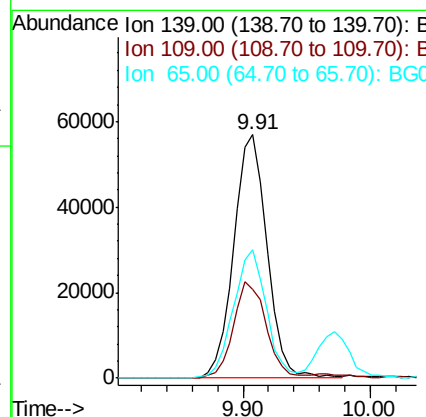
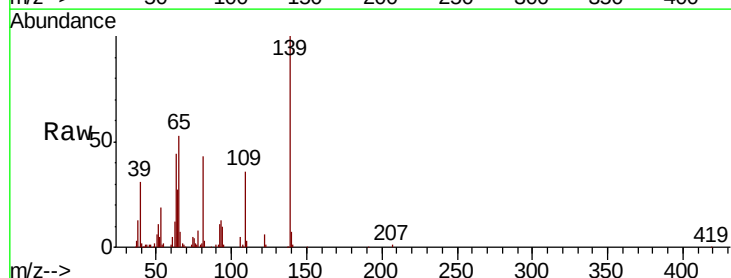
RT: 9.91 min Scan# 1161

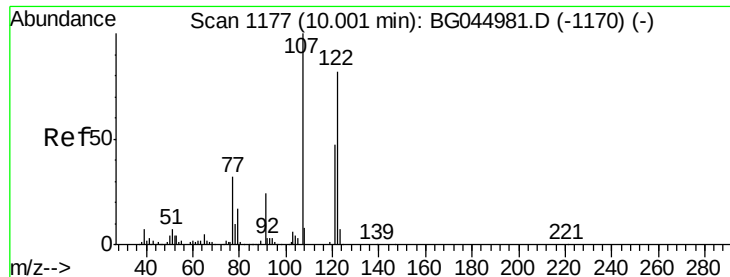
Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Tgt Ion:	139	Resp:	103069
Ion Ratio	Lower	Upper	
139	100		
109	36.5	30.6	45.8
65	52.6	41.8	62.6





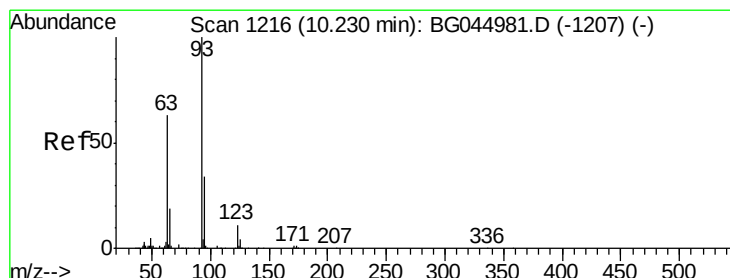
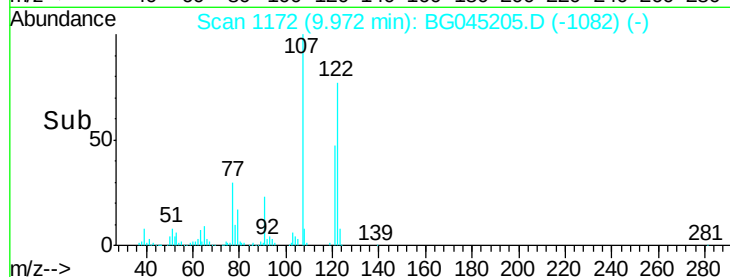
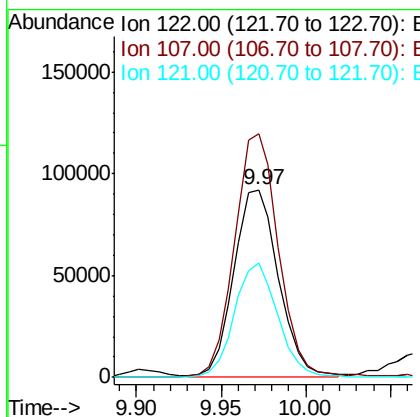
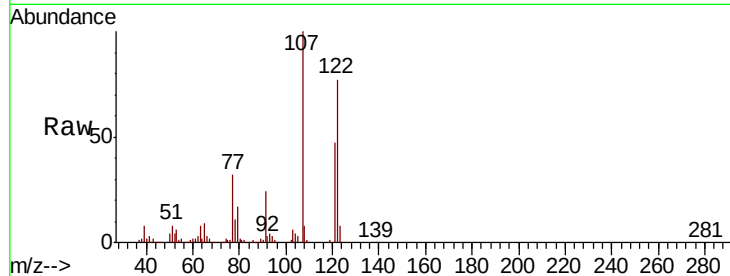
#27
 2,4-Dimethylphenol
 Concen: 45.843 ng
 RT: 9.97 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Instrument :
 BNA_G
 ClientSampleId :
 PB128538BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	129.6	96.8	145.2
121	61.0	45.6	68.4

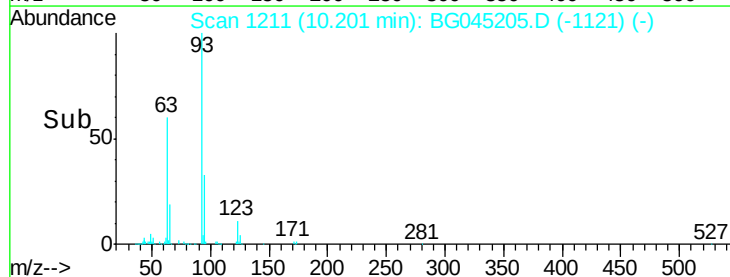
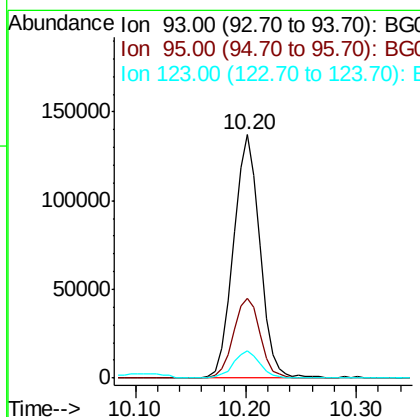
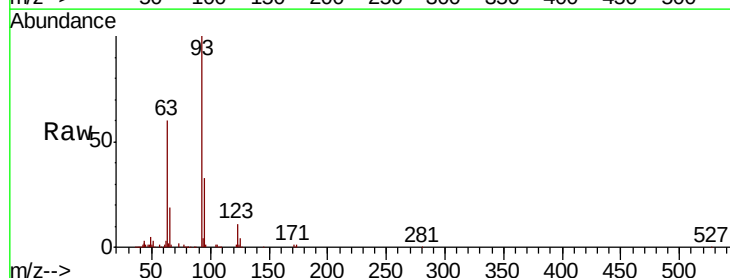
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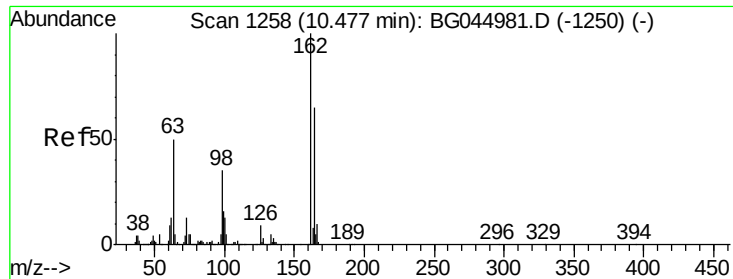
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.877 ng
 RT: 10.20 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	27.0	40.4
123	11.0	8.7	13.1





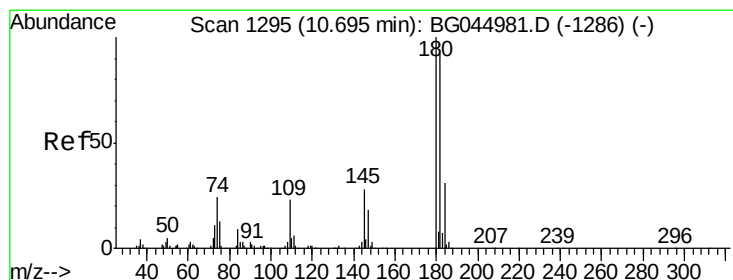
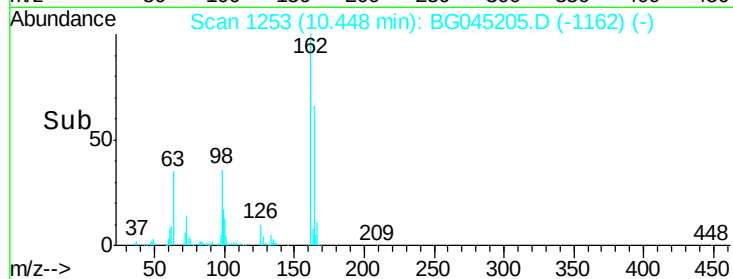
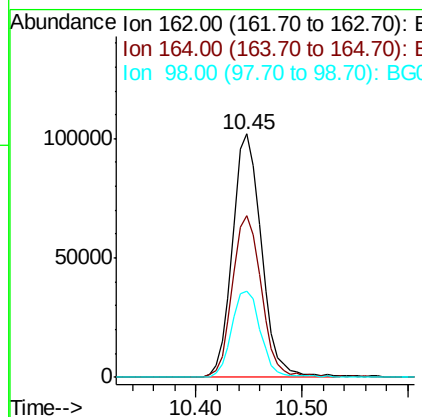
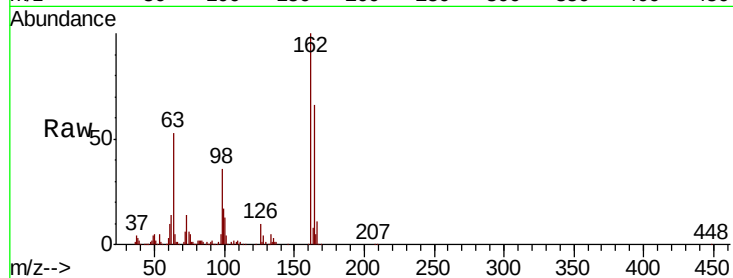
#29
 2,4-Dichlorophenol
 Concen: 45.583 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Instrument :
 BNA_G
 ClientSampleId :
 PB128538BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	66.2	45.0	85.0	
98	35.6	15.2	55.2	

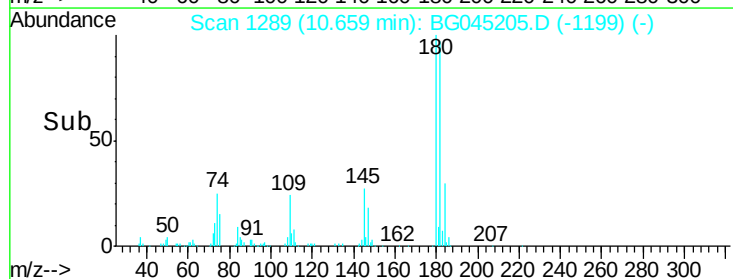
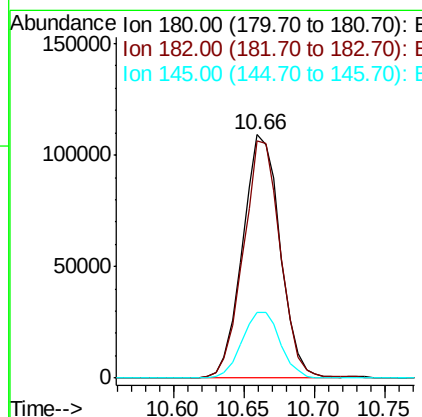
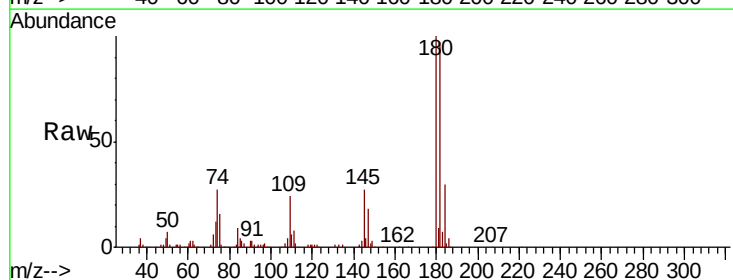
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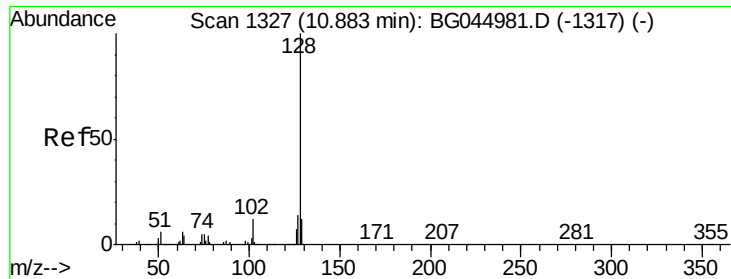
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.236 ng
 RT: 10.66 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.3	73.3	109.9	
145	27.1	22.6	33.8	





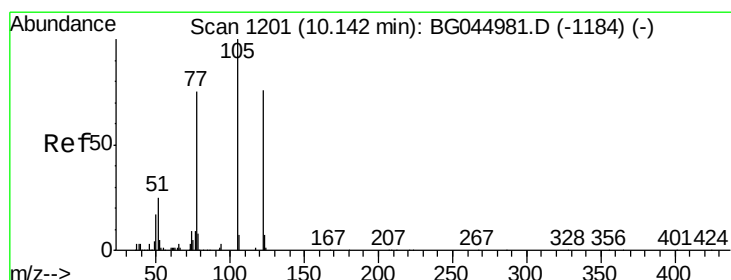
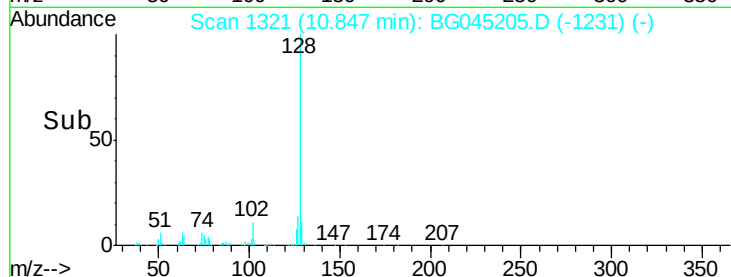
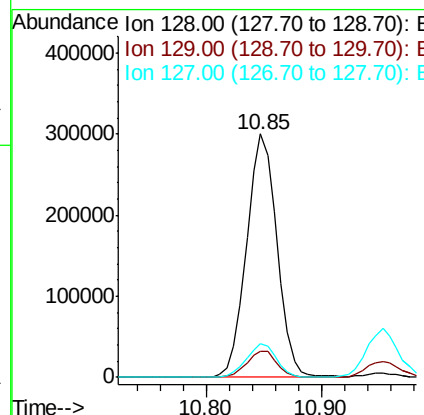
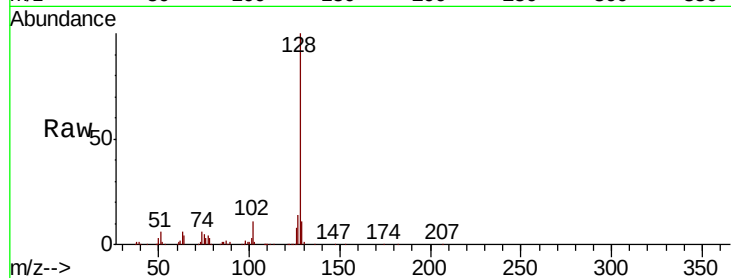
#31
Naphthalene
Concen: 41.876 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Instrument :
BNA_G
ClientSampleId :
PB128538BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.9	9.4	14.2	
127	13.8	10.8	16.2	

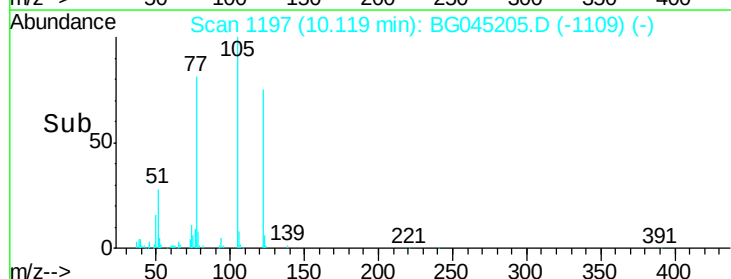
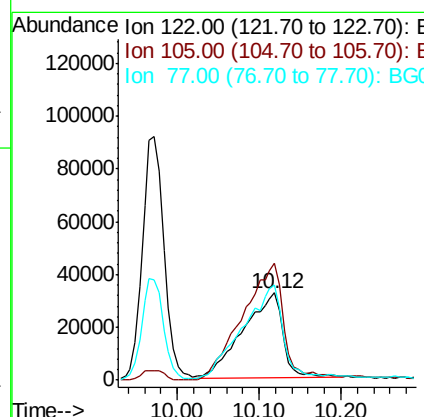
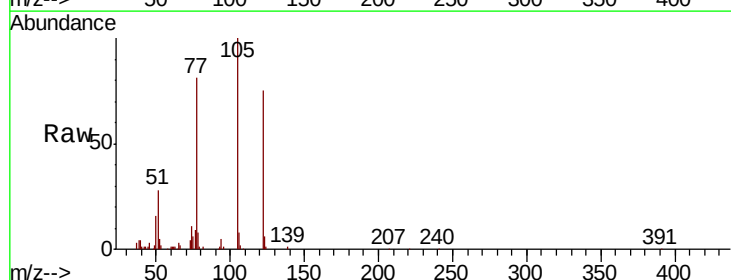
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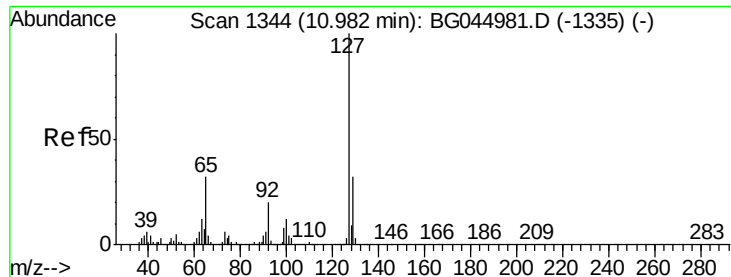
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#32
Benzoic acid
Concen: 38.715 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	133.2	108.4	148.4	
77	108.3	78.8	118.8	





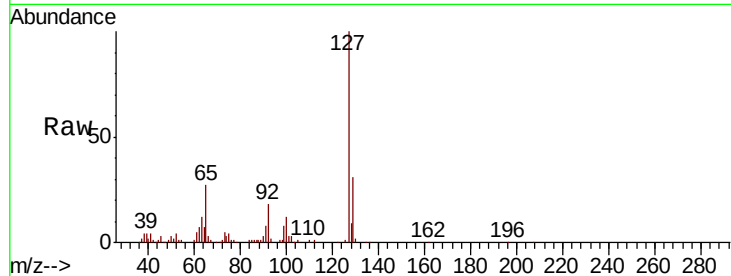
#33
4-Chloroaniline
Concen: 19.510 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Instrument :
BNA_G
ClientSampleId :
PB128538BS

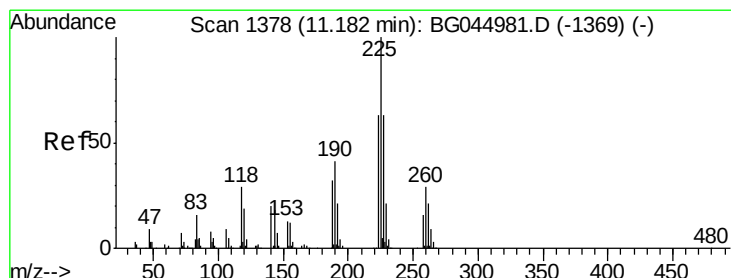
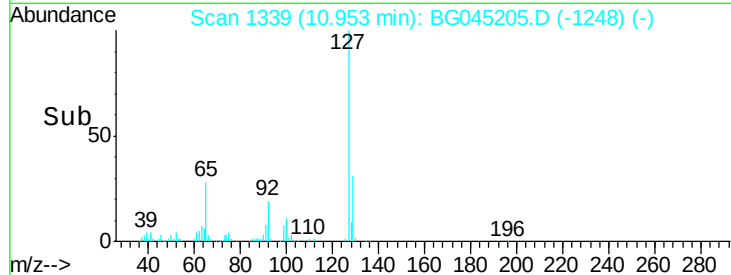
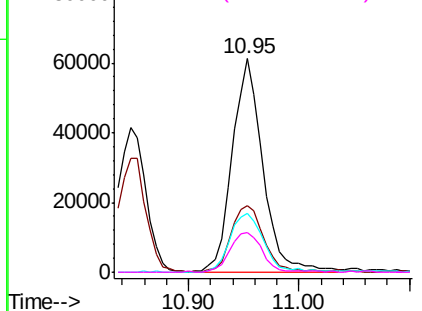
Tot Ion	Ratio	Resp	Lower	Upper
127	100	119371		
129	31.3	25.7	38.5	
65	27.4	25.4	38.2	
92	18.5	16.1	24.1	

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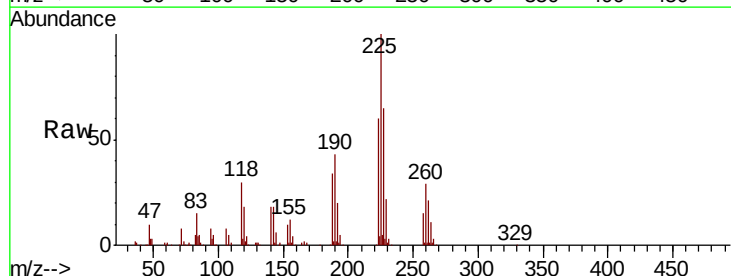


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

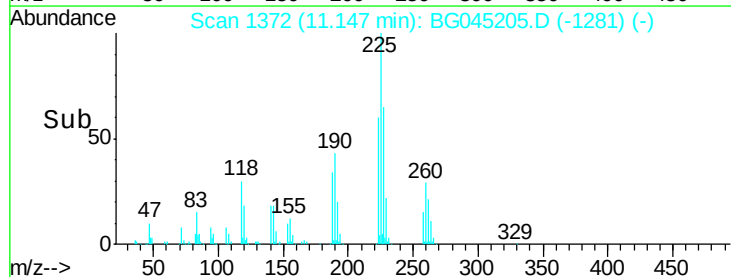
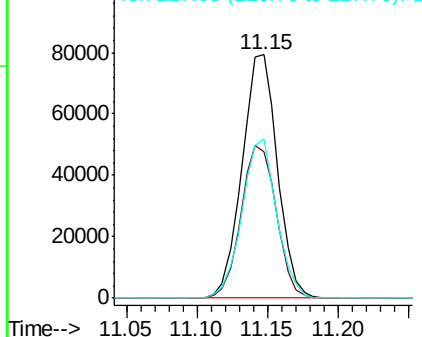


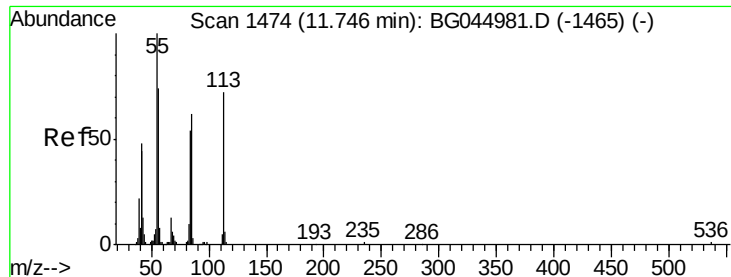
#34
Hexachlorobutadiene
Concen: 42.196 ng
RT: 11.15 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	139269		
223	60.0	50.7	76.1	
227	65.3	50.2	75.2	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





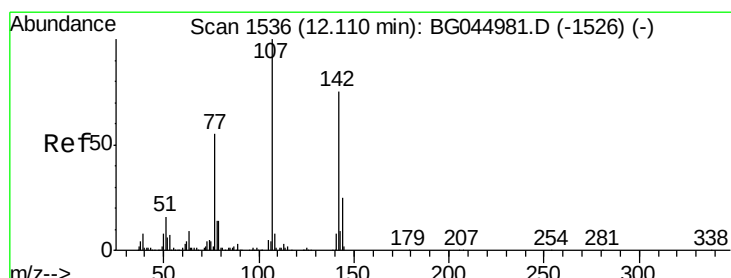
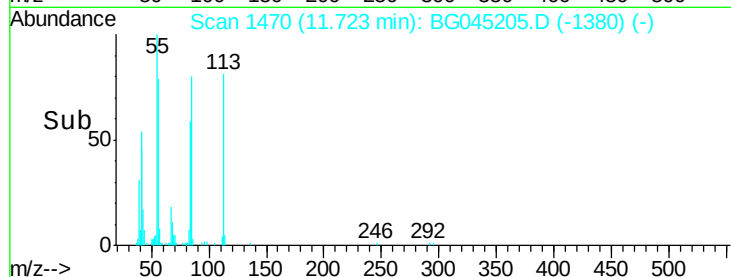
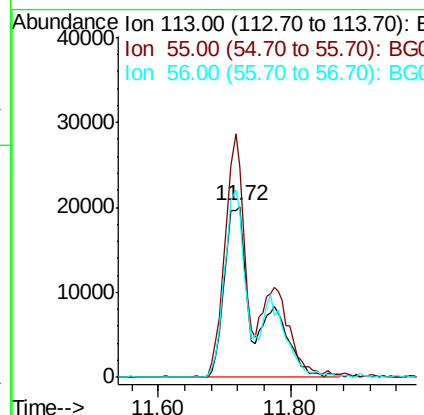
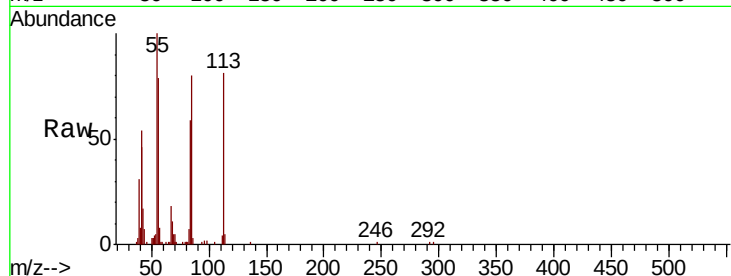
#35
 Caprolactam
 Concen: 40.361 ng/ml
 RT: 11.72 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Instrument :
 BNA_G
 ClientSampleID :
 PB128538BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	123.4	118.8	158.8
56	96.9	82.6	122.6

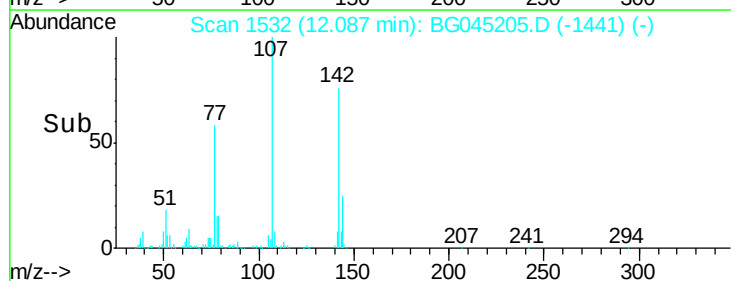
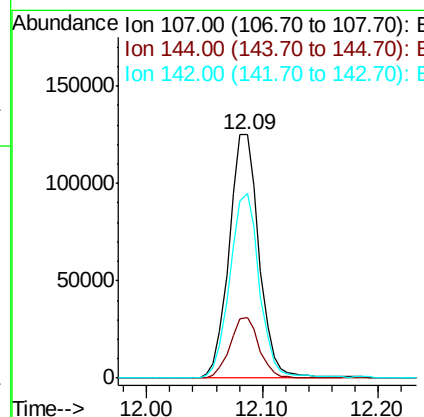
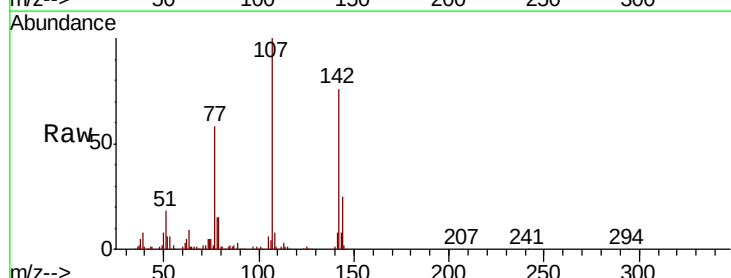
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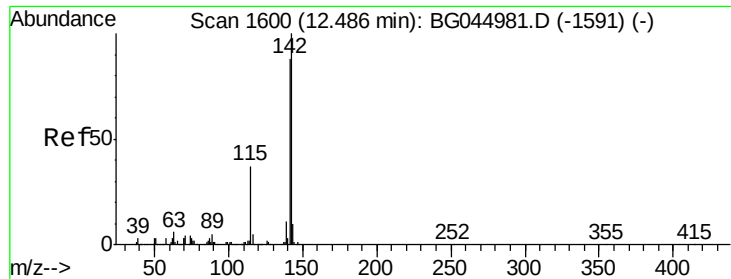
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#36
 4-Chloro-3-methylphenol
 Concen: 45.107 ng/ml
 RT: 12.09 min Scan# 1532
 Delta R.T. 0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.8	29.6
142	75.8	59.7	89.5





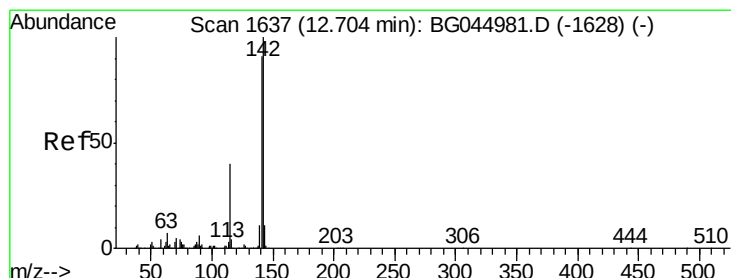
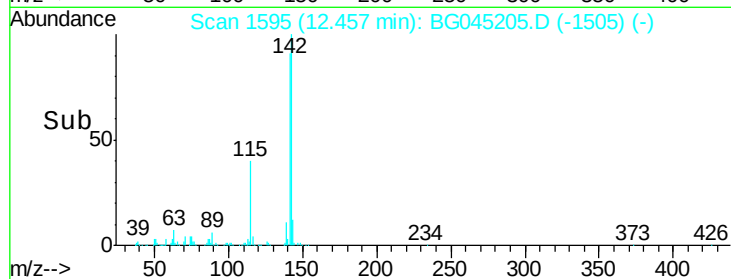
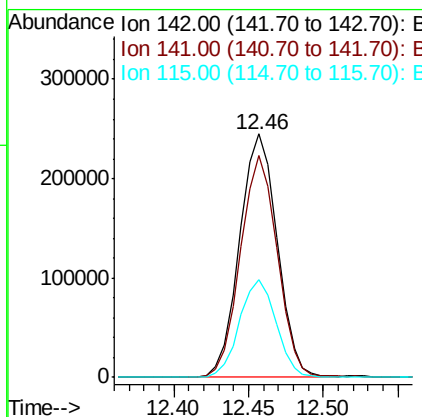
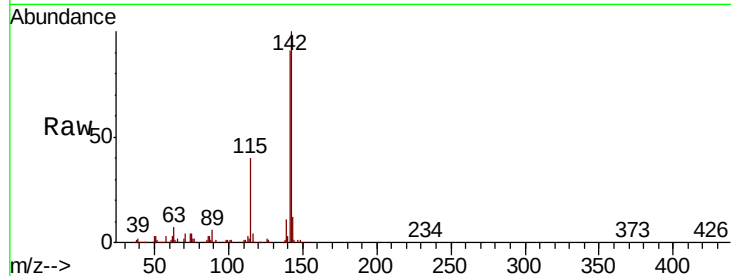
#37
 2-Methylnaphthalene
 Concen: 42.237 ng
 RT: 12.46 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Instrument :
 BNA_G
 ClientSampleId :
 PB128538BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.3	105.5
115	40.0	29.8	44.6

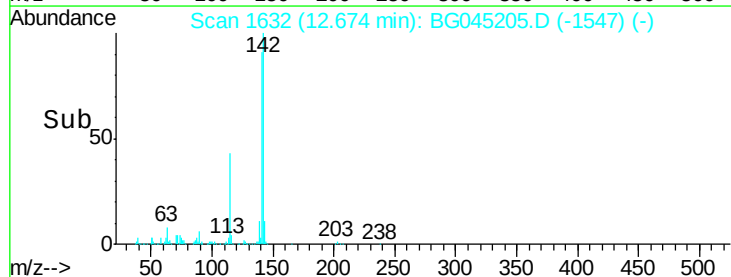
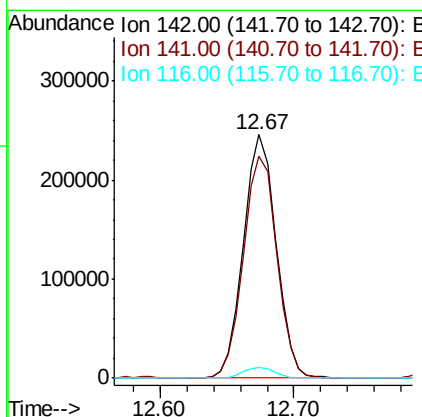
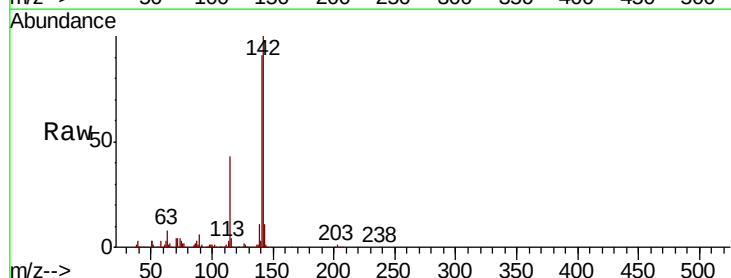
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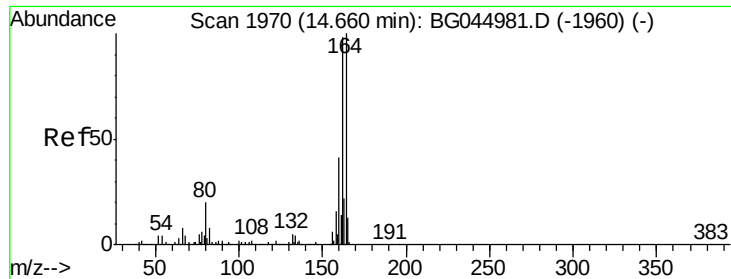
mohammad
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#38
 1-Methylnaphthalene
 Concen: 42.964 ng
 RT: 12.67 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.7	109.1
116	4.5	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

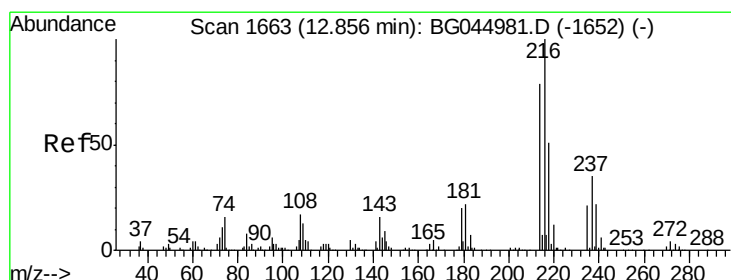
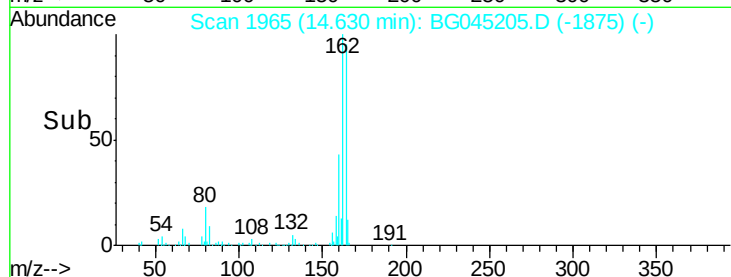
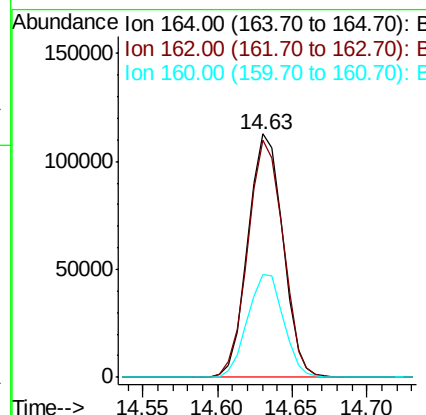
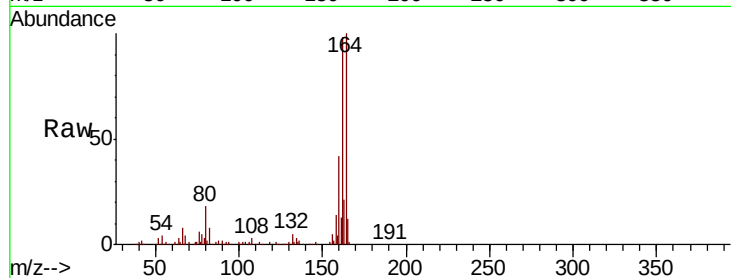
ClientSampleId :

PB128538BS

Tot Ion:	164	Resp:	182617
Ion Ratio	Lower	Upper	
164	100		
162	97.6	78.7	118.1
160	42.3	32.8	49.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.132 ng

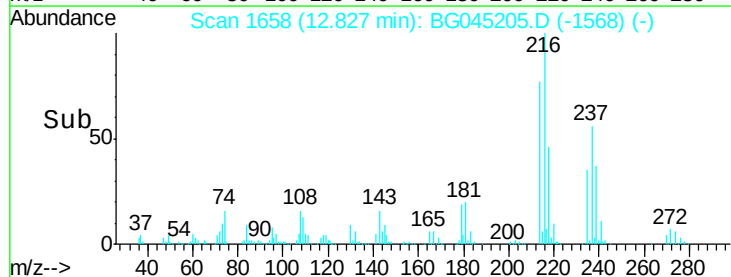
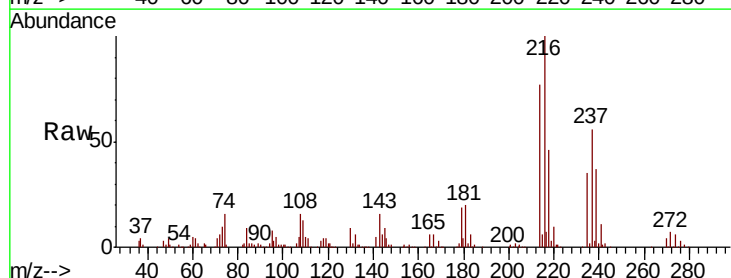
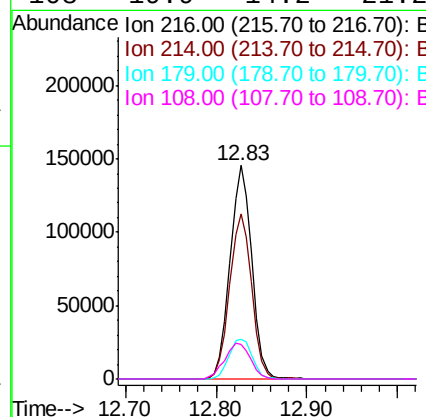
RT: 12.83 min Scan# 1658

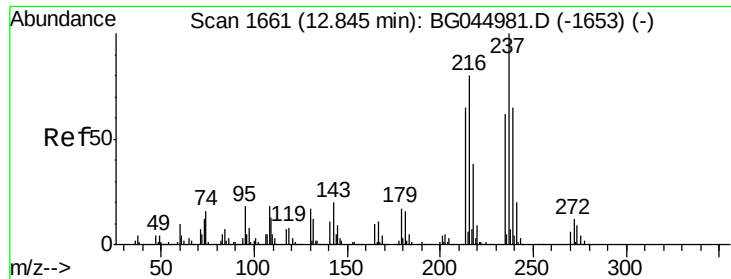
Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Tgt Ion:	216	Resp:	241849
Ion Ratio	Lower	Upper	
216	100		
214	78.6	63.0	94.6
179	20.0	15.8	23.8
108	19.9	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 91.150 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

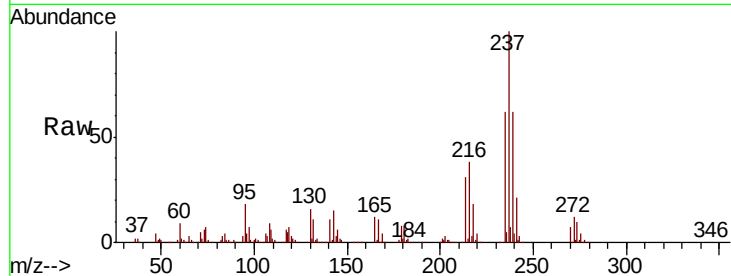
ClientSampled :

PB128538BS

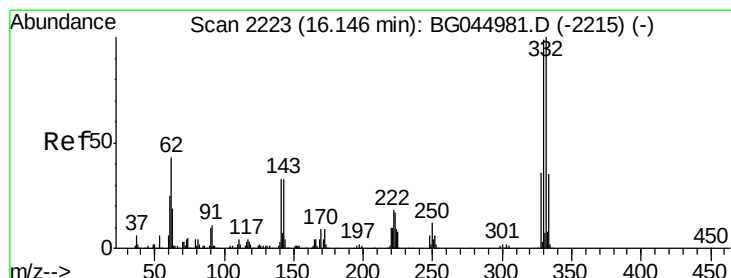
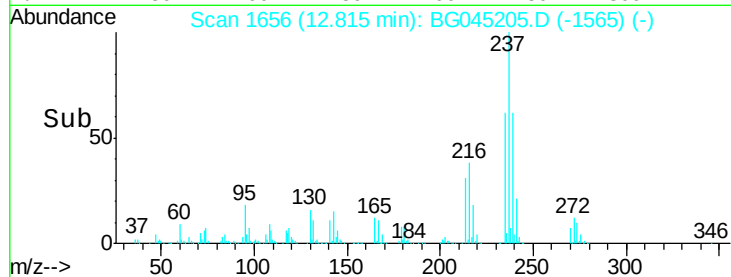
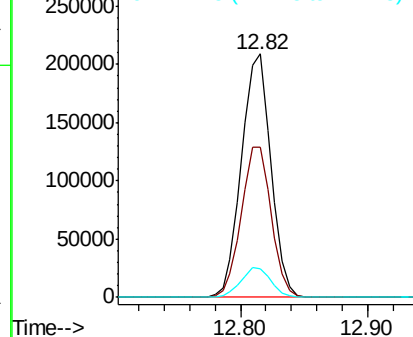
Tot Ion:	237	Resp:	334974
Ion Ratio	Lower	Upper	
237	100		
235	61.6	41.6	81.6
272	11.7	0.0	32.1

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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: 85.773 ng

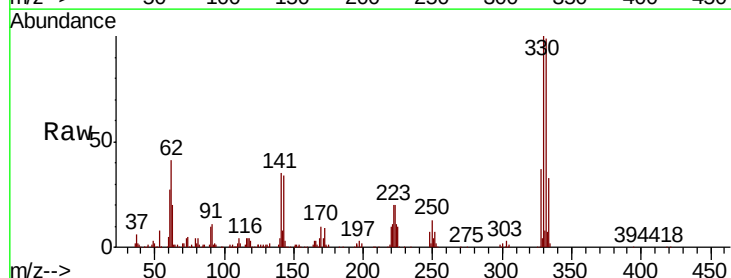
RT: 16.12 min Scan# 2219

Delta R.T. -0.00 min

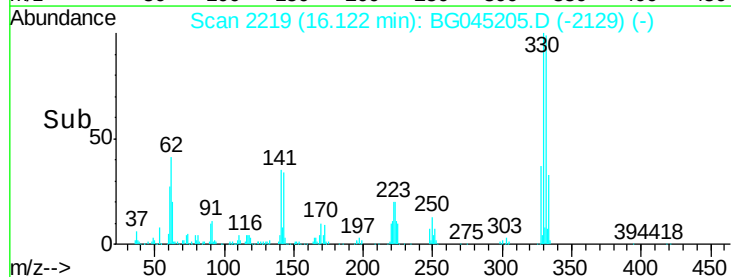
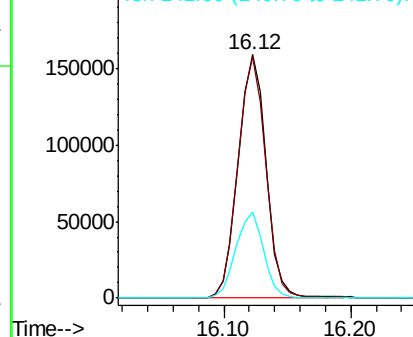
Lab File: BG045205.D

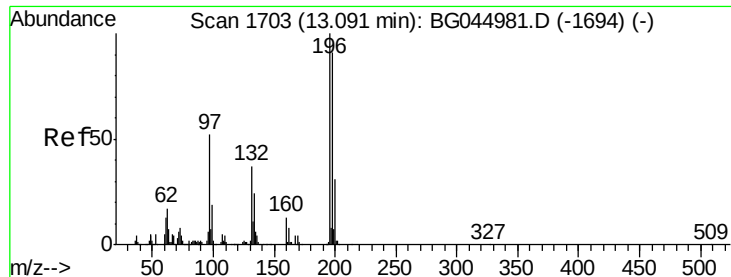
Acq: 29 Apr 2020 15:00

Tgt Ion:	330	Resp:	241983
Ion Ratio	Lower	Upper	
330	100		
332	98.4	79.1	118.7
141	35.2	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





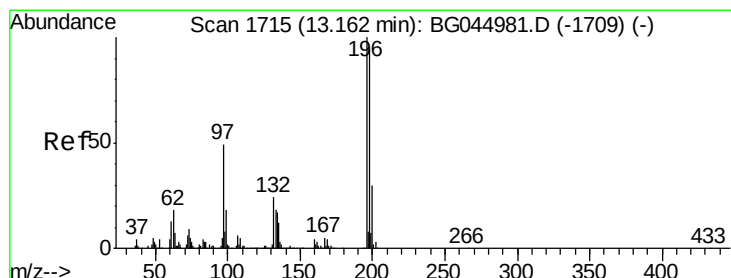
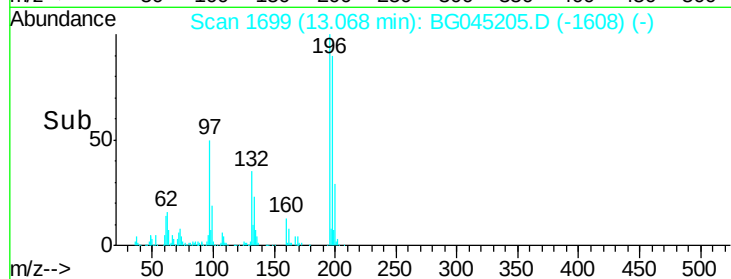
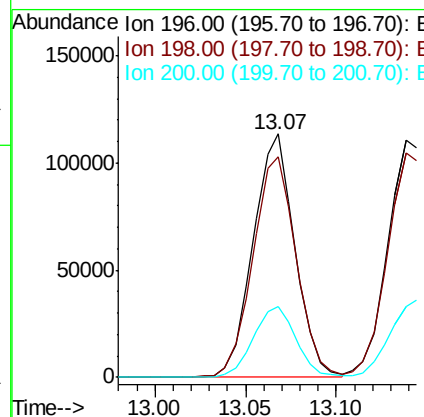
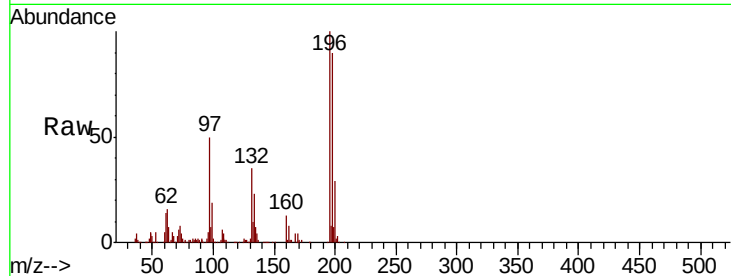
#43
 2,4,6-Trichlorophenol
 Concen: 43.496 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Instrument :
 BNA_G
 ClientSampleId :
 PB128538BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	90.4	72.5	108.7
200	29.1	24.5	36.7

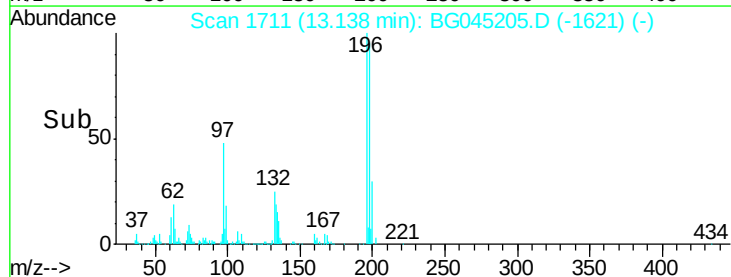
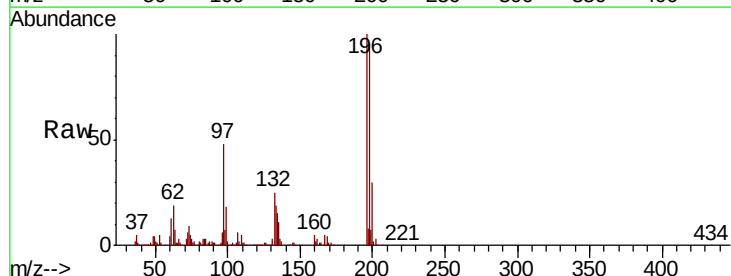
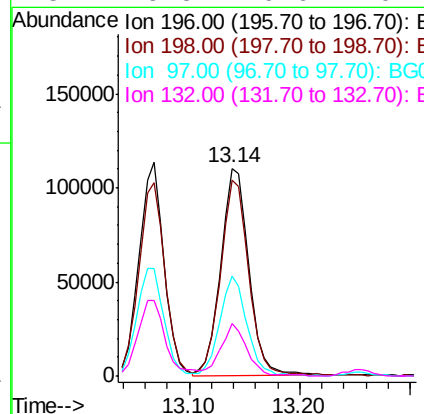
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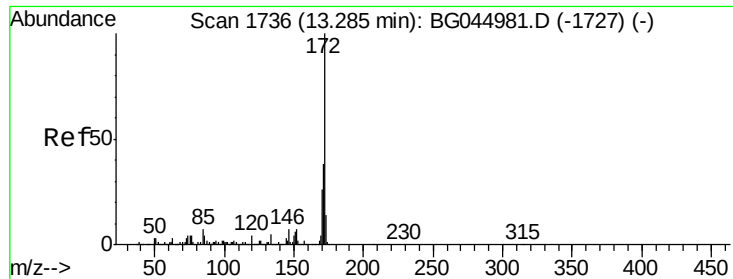
mohammad
 4/30/2020 1:37:44 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.207 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	75.7	113.5
97	48.0	39.6	59.4
132	25.3	19.6	29.4





#45

2-Fluorobiphenyl

Concen: 82.562 ng

RT: 13.26 min Scan# 1731

Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

ClientSampleId :

PB128538BS

Tot Ion:172 Resp: 1028241

Ion Ratio Lower Upper

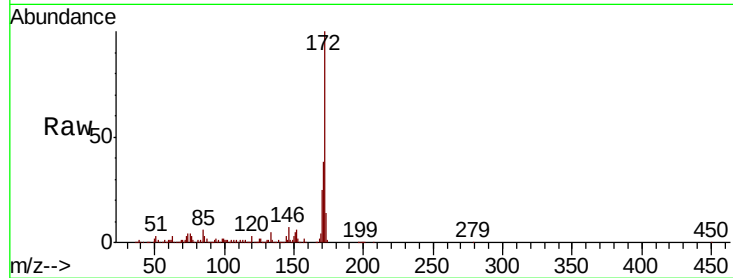
172 100

171 37.6 30.6 46.0

170 24.6 20.5 30.7

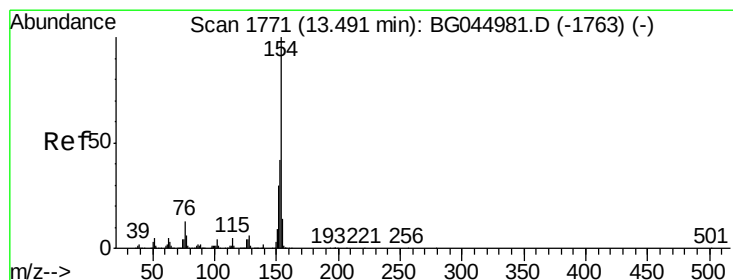
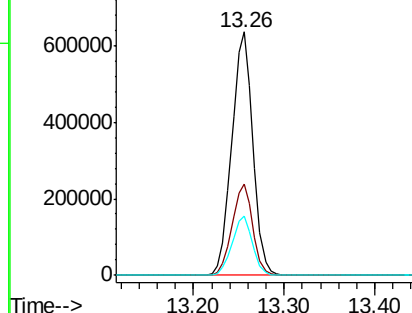
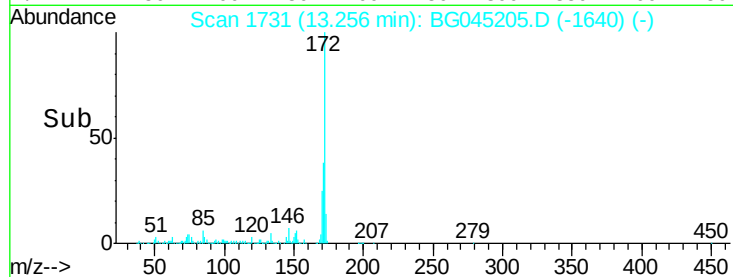
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Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

13.26



#46

1,1'-Biphenyl

Concen: 40.109 ng

RT: 13.47 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

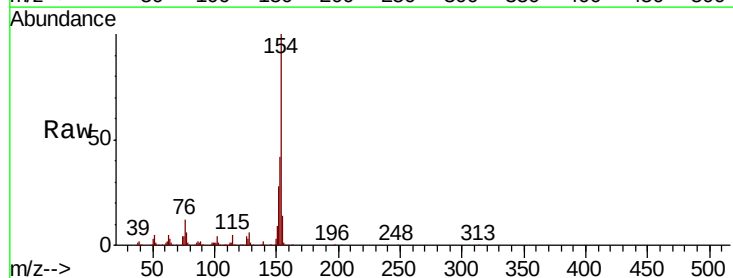
Tgt Ion:154 Resp: 556724

Ion Ratio Lower Upper

154 100

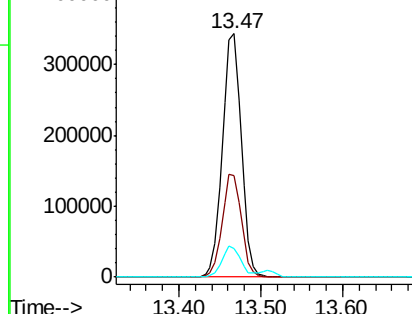
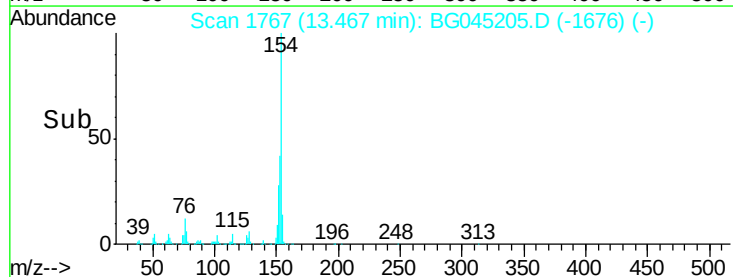
153 41.9 21.9 61.9

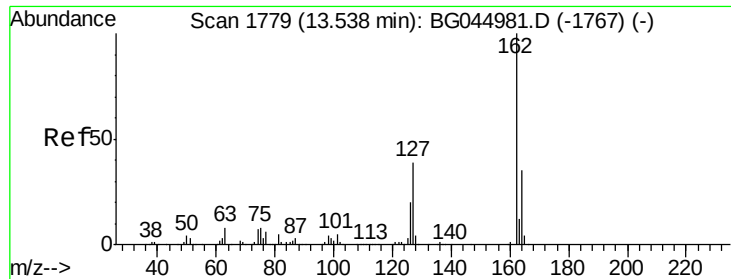
76 12.0 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

13.47





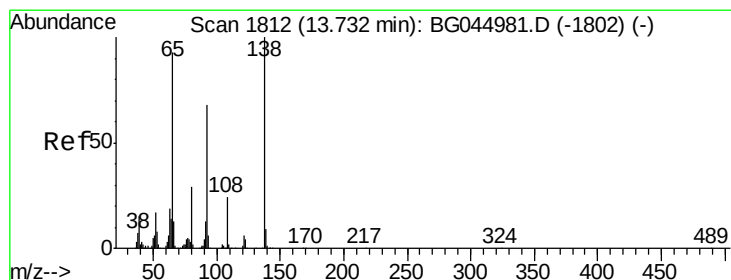
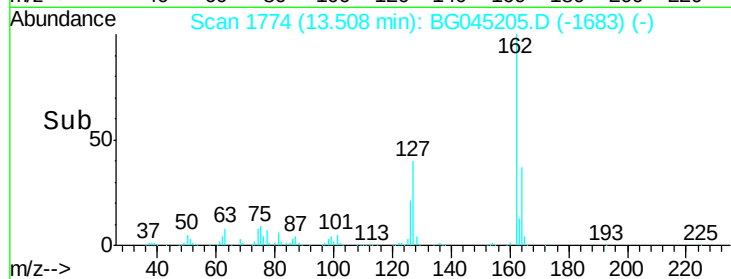
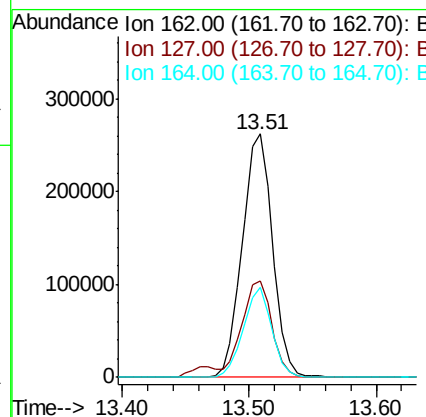
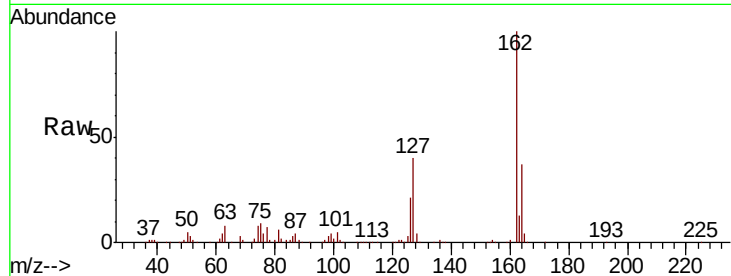
#47
 2-Chloronaphthalene
 Concen: 40.852 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Instrument :
 BNA_G
 ClientSampleId :
 PB128538BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.3	46.9
164	36.8	27.8	41.8

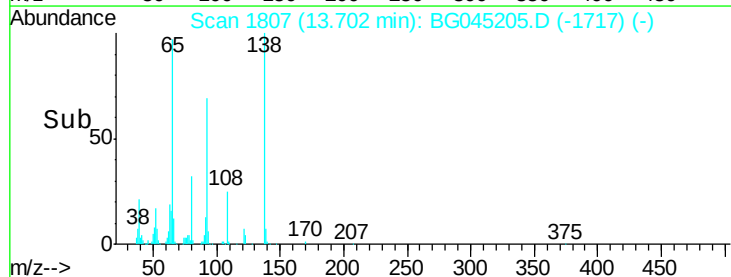
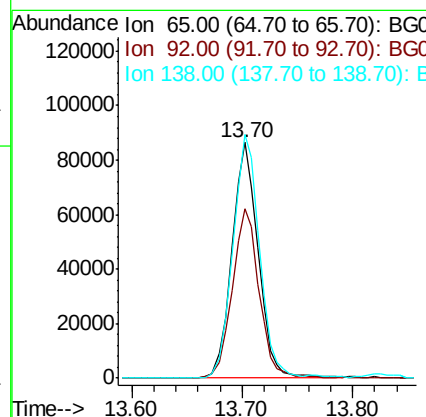
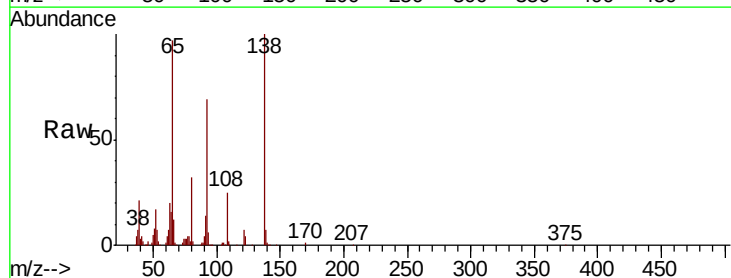
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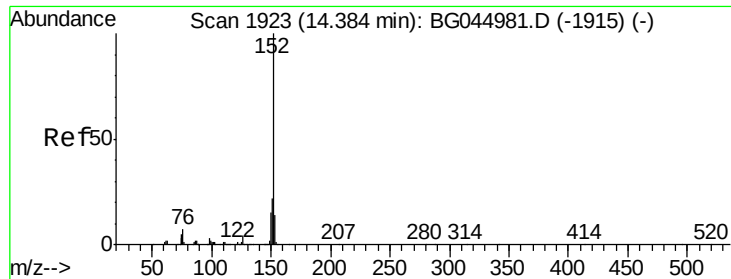
mohammad
 4/30/2020 1:37:44 PM



#48
 2-Nitroaniline
 Concen: 41.461 ng
 RT: 13.70 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.7	58.3	87.5
138	103.3	85.6	128.4





#49

Acenaphthylene

Concen: 41.885 ng

RT: 14.35 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

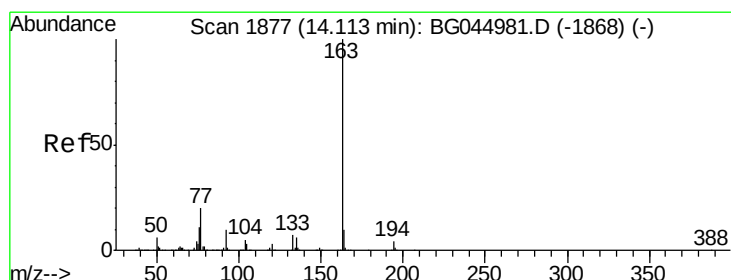
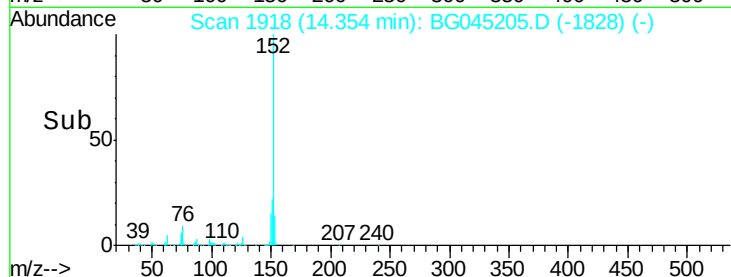
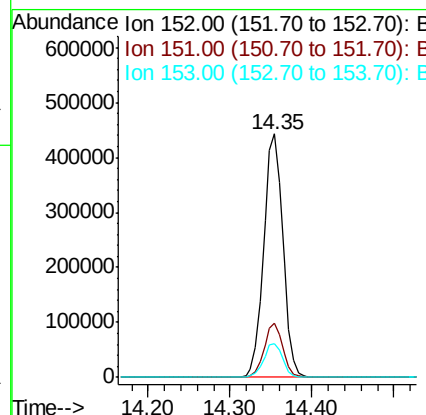
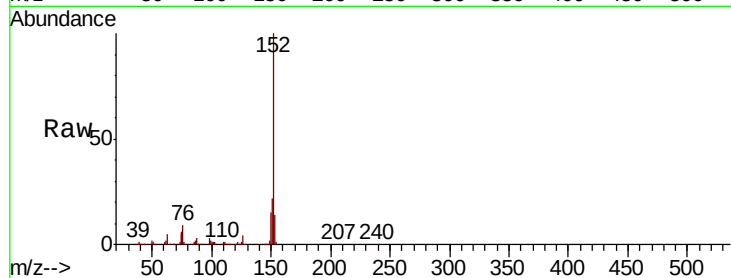
ClientSampleId :

PB128538BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		723580		
151	22.1	17.2	25.8		
153	13.7	11.0	16.4		

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#50

Dimethylphthalate

Concen: 41.456 ng

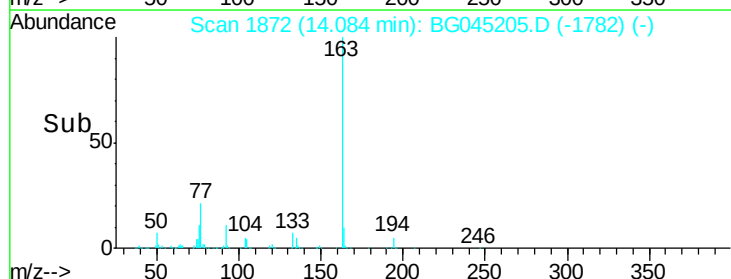
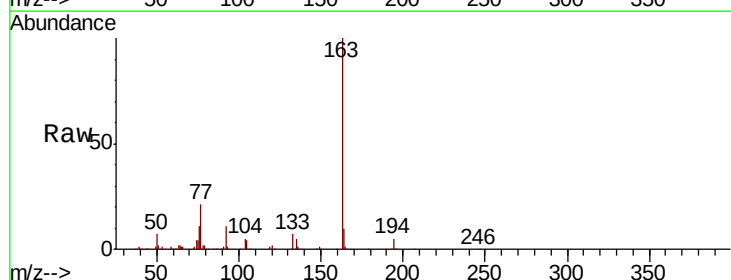
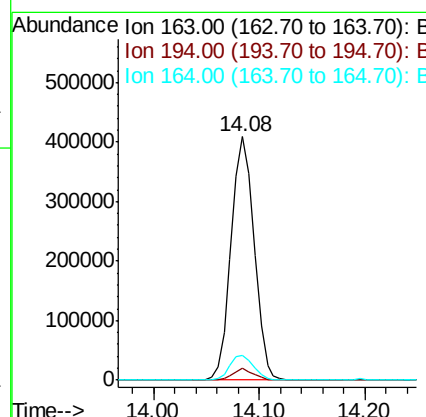
RT: 14.08 min Scan# 1872

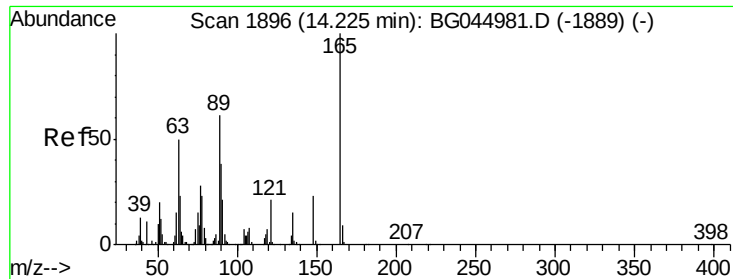
Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		616429		
194	4.8	3.5	5.3		
164	10.2	8.2	12.4		





#51

2,6-Dinitrotoluene

Concen: 42.185 ng

RT: 14.20 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

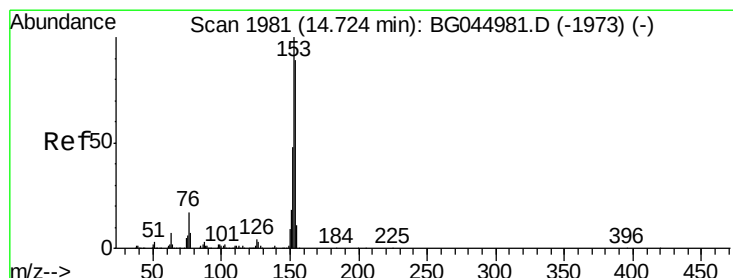
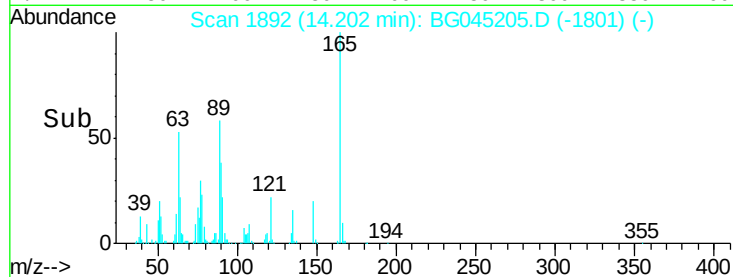
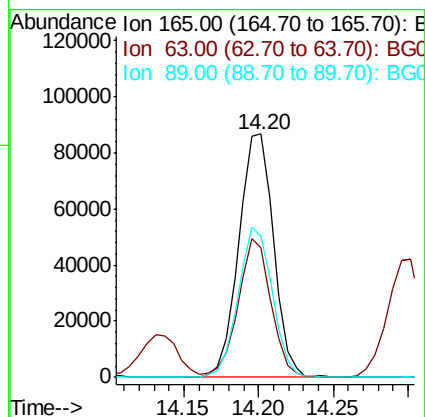
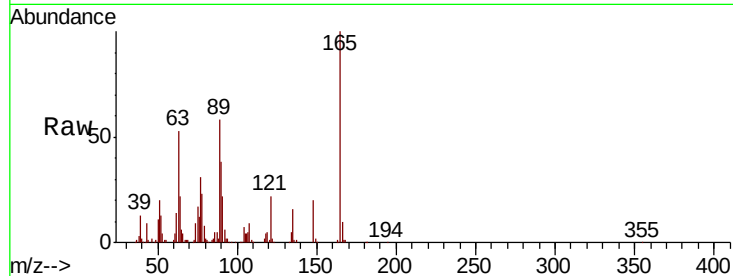
ClientSampleId :

PB128538BS

Tot Ion:	165	Resp:	140302
Ion Ratio	Lower	Upper	
165	100		
63	53.1	40.4	60.6
89	58.2	49.1	73.7

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#52

Acenaphthene

Concen: 48.352 ng m

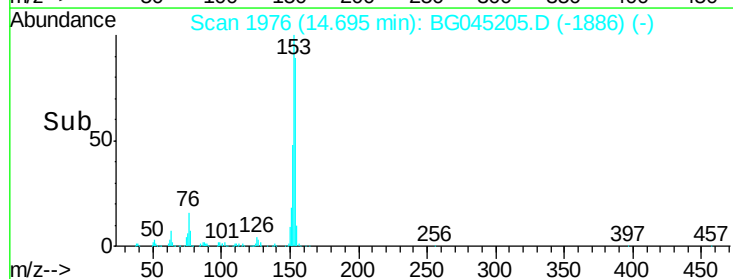
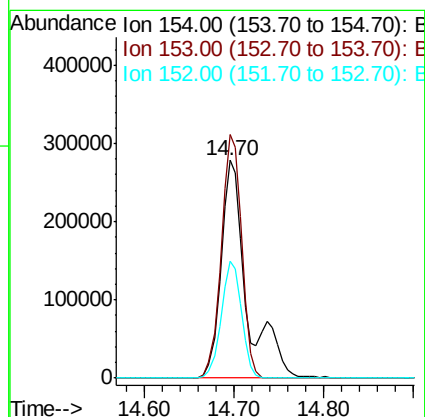
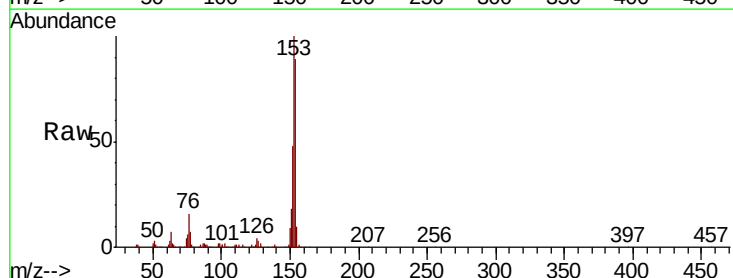
RT: 14.70 min Scan# 1976

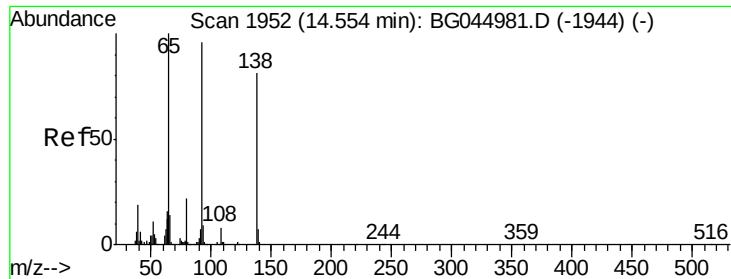
Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Tgt Ion:	154	Resp:	565157
Ion Ratio	Lower	Upper	
154	100		
153	111.9	89.7	134.5
152	53.8	43.1	64.7





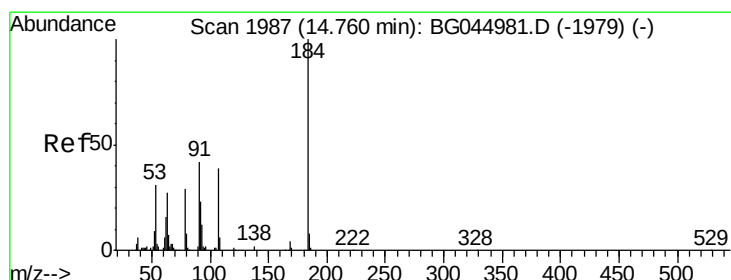
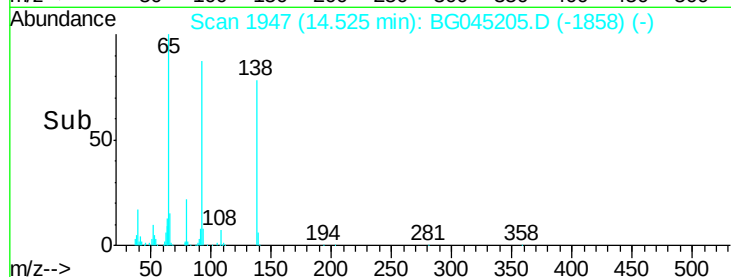
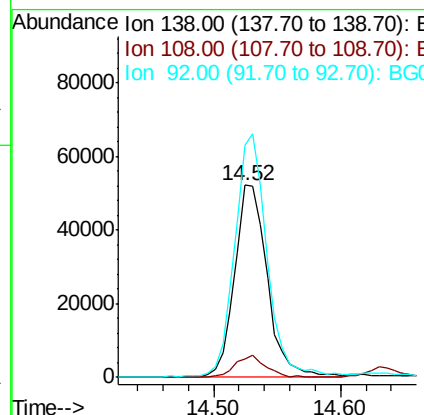
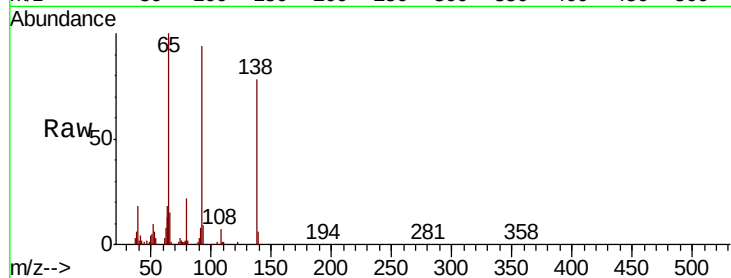
#53
3-Nitroaniline
Concen: 25.511 ng
RT: 14.52 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Instrument :
BNA_G
ClientSampleId :
PB128538BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.8	11.8
92	121.1	94.5	141.7

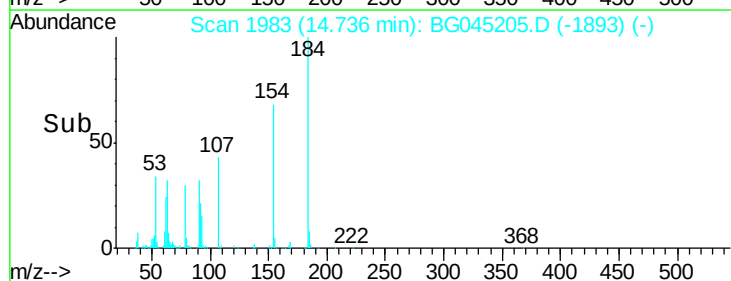
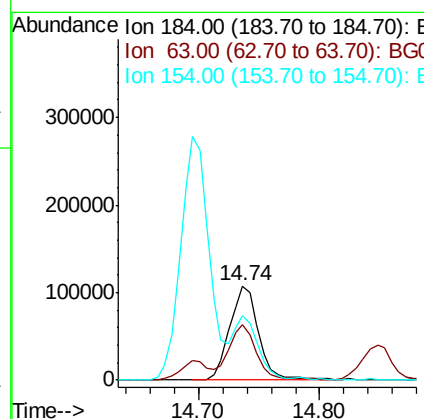
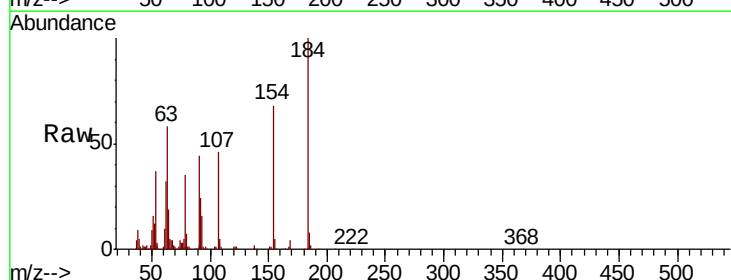
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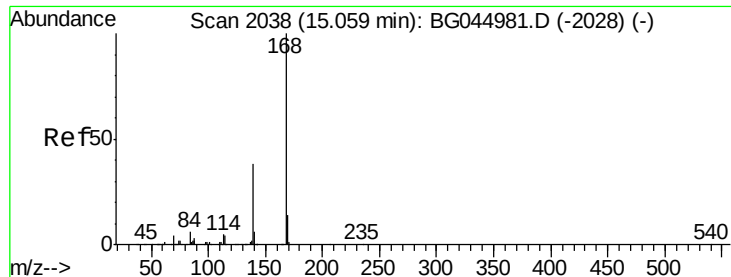
mohammad
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#54
2,4-Dinitrophenol
Concen: 90.946 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.4	41.5	62.3
154	67.9	52.3	78.5





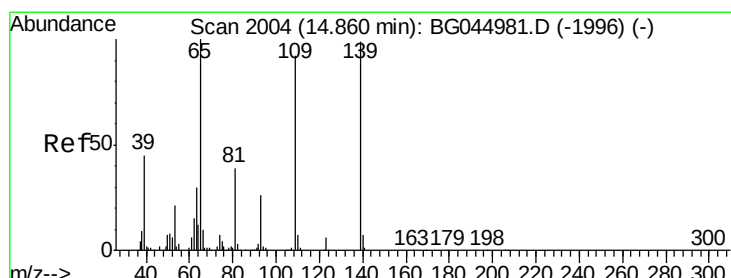
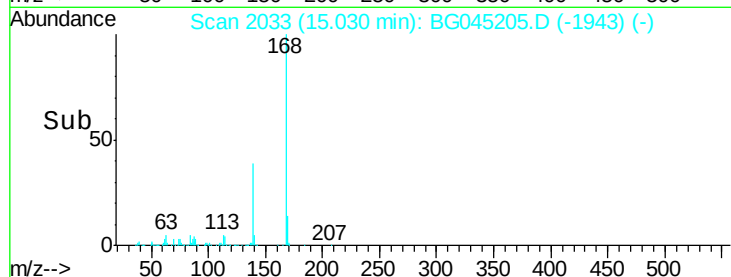
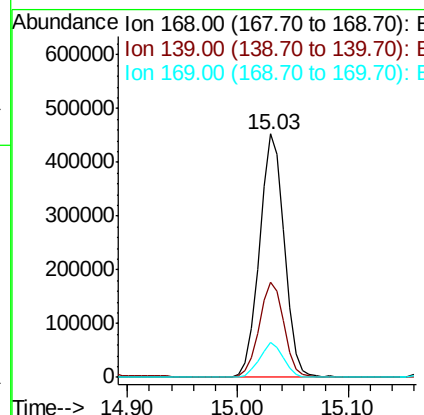
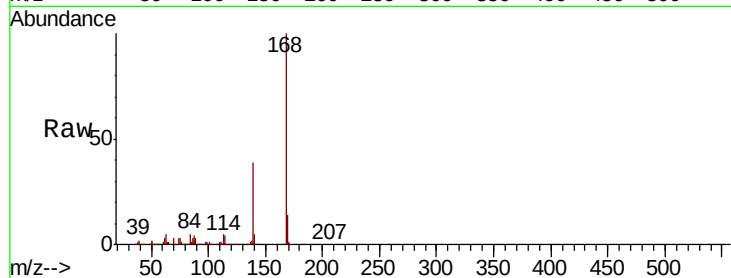
#55
Dibenzenofuran
Concen: 42.039 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Instrument :
BNA_G
ClientSampleId :
PB128538BS

Tot Ion:	168	Resp:	716381
Ion Ratio	Lower	Upper	
168	100		
139	39.0	30.4	45.6
169	14.2	11.0	16.4

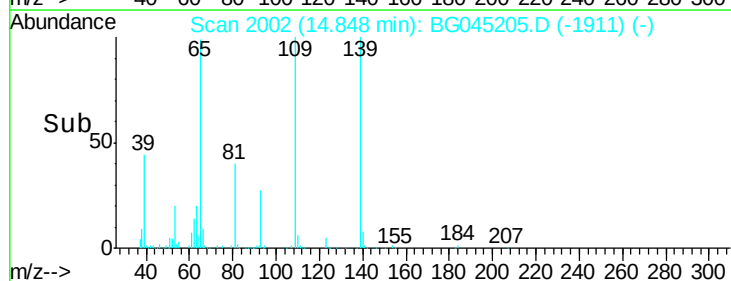
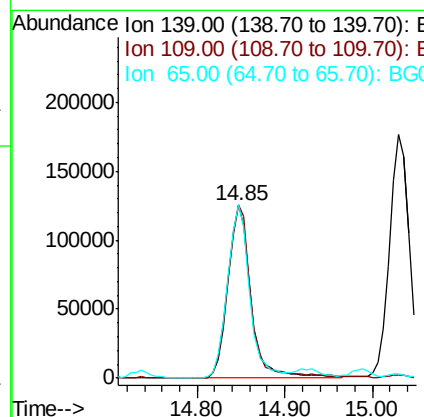
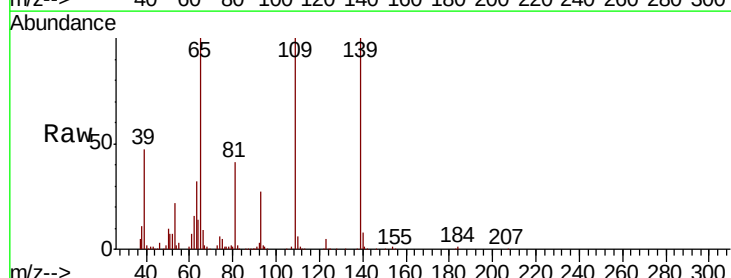
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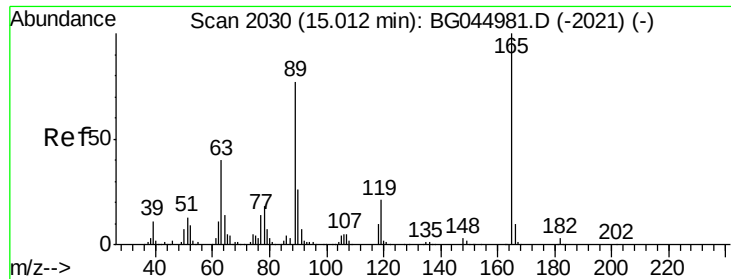
mohammad
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#56
4-Nitrophenol
Concen: 80.468 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion:	139	Resp:	227588
Ion Ratio	Lower	Upper	
139	100		
109	100.0	73.6	113.6
65	100.0	81.2	121.2





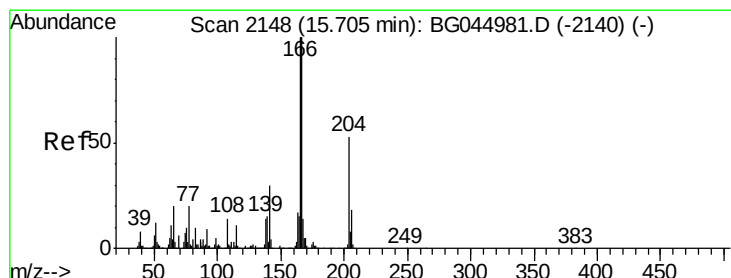
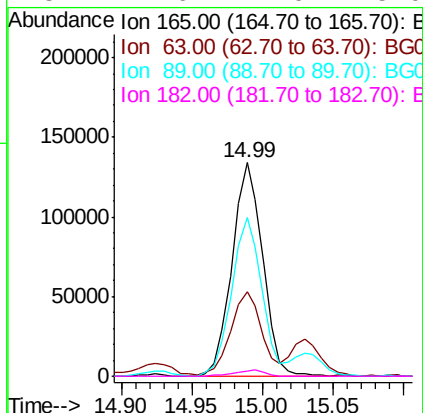
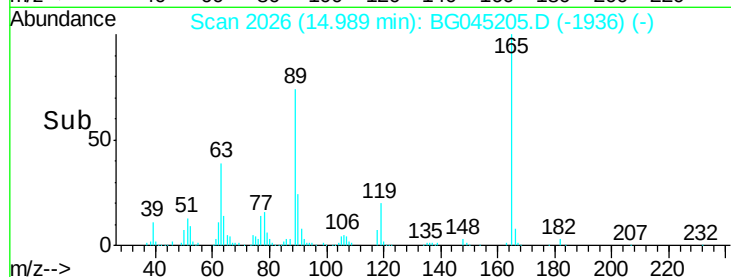
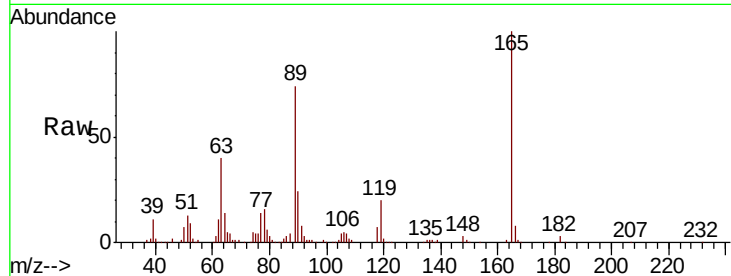
#57
2,4-Dinitrotoluene
Concen: 41.554 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Instrument :
BNA_G
ClientSampleId :
PB128538BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		201968		
63	39.6	32.2	48.2		
89	74.5	61.7	92.5		
182	2.6	2.0	3.0		

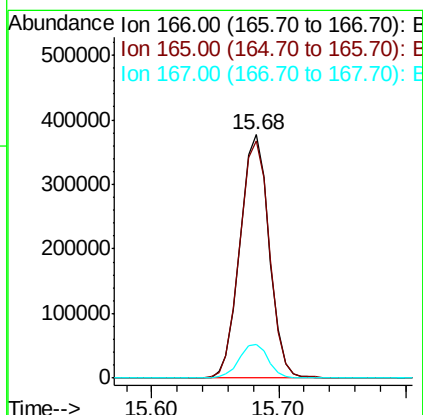
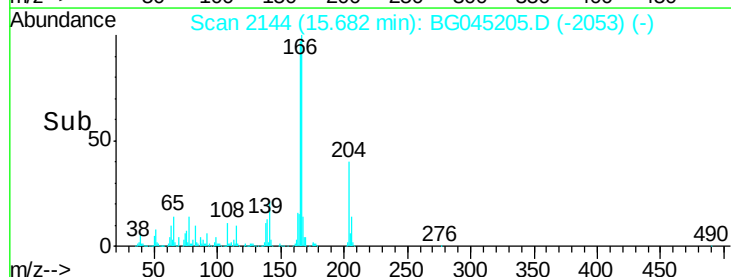
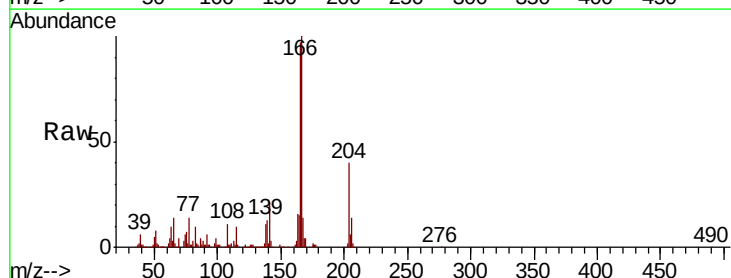
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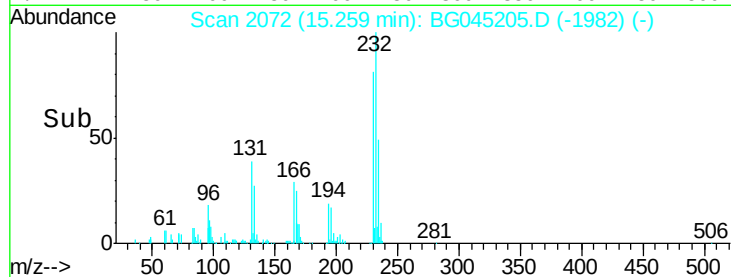
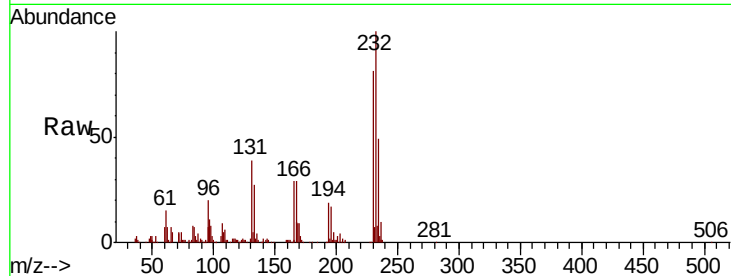
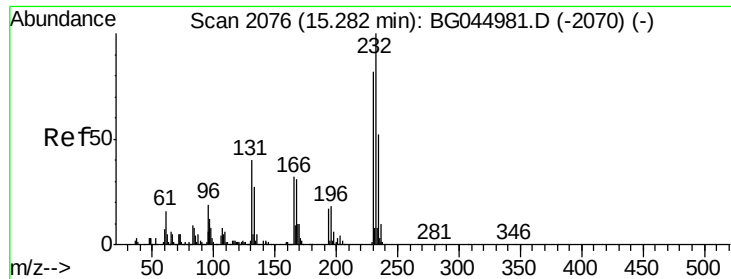
mohammad
4/30/2020 1:37:44 PM



#58
Fluorene
Concen: 43.153 ng
RT: 15.68 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		600655		
165	97.2	79.9	119.9		
167	13.8	11.4	17.0		





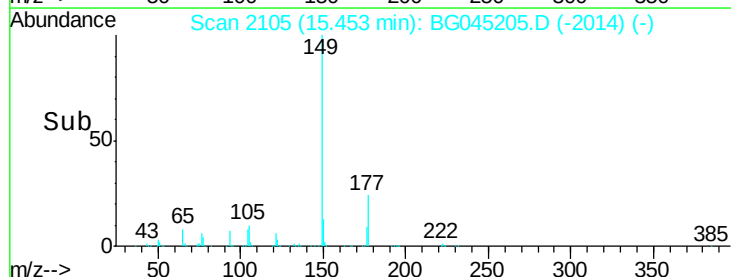
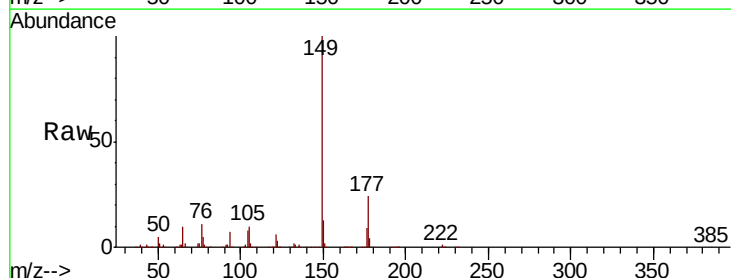
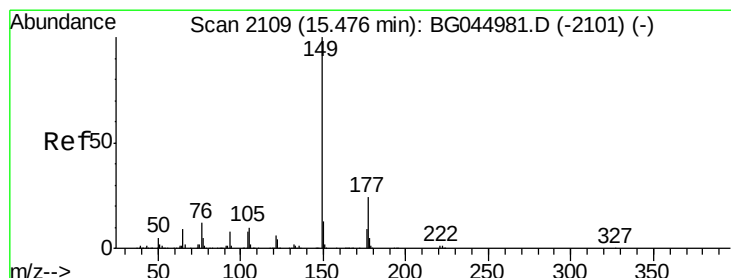
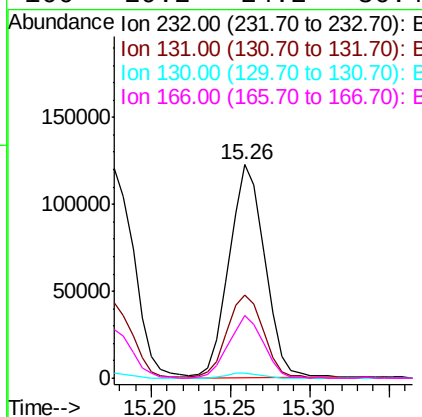
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.414 ng
RT: 15.26 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Instrument :
BNA_G
ClientSampleId :
PB128538BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	190871		
131	39.6		32.2	48.2
130	2.5		2.2	3.2
166	29.2		24.2	36.4

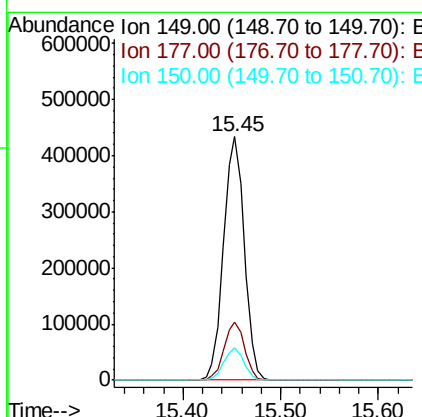
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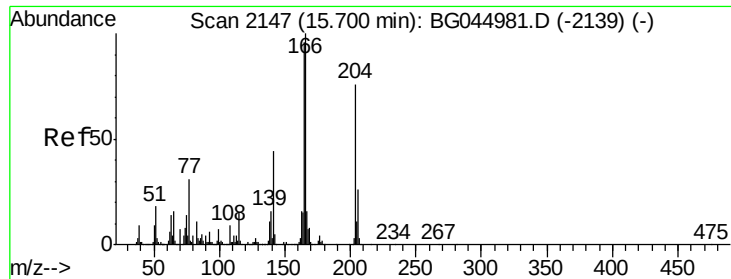
mohammad
4/30/2020 1:37:44 PM



#60
Diethylphthalate
Concen: 41.169 ng
RT: 15.45 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	638236		
177	24.1		18.9	28.3
150	13.2		10.6	15.8





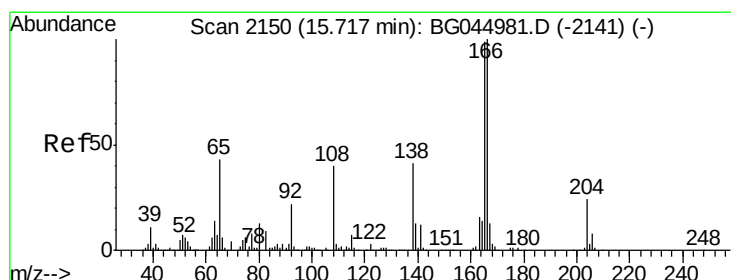
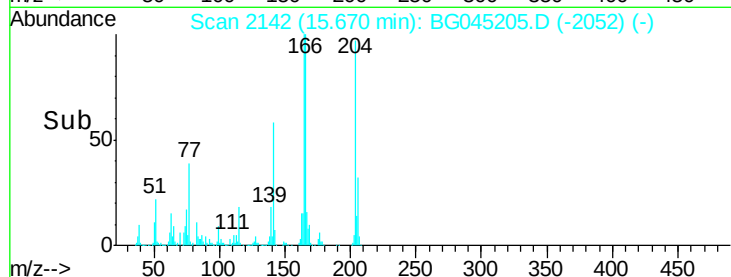
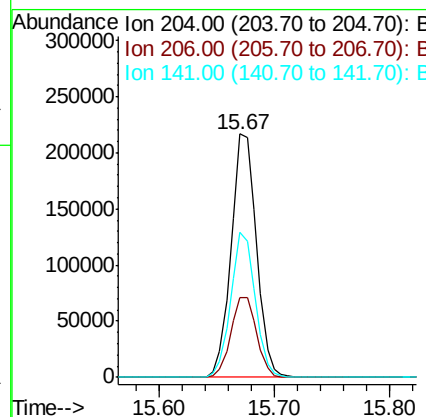
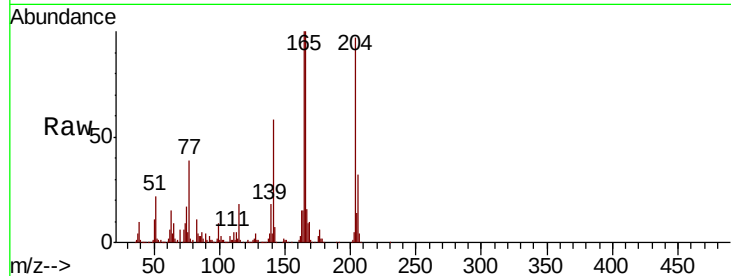
#61
 4-Chlorophenyl-phenylether
 Concen: 41.127 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Instrument :
 BNA_G
 ClientSampleId :
 PB128538BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.0	26.9	40.3	
141	59.8	46.3	69.5	

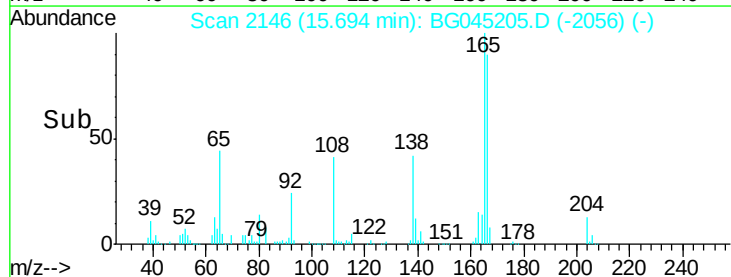
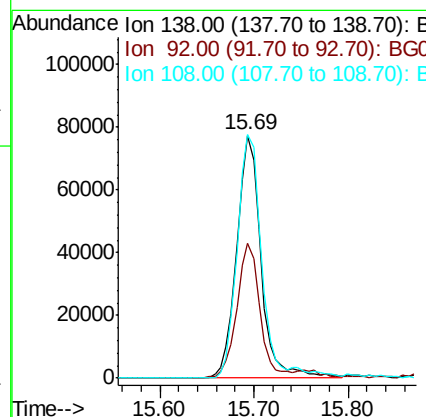
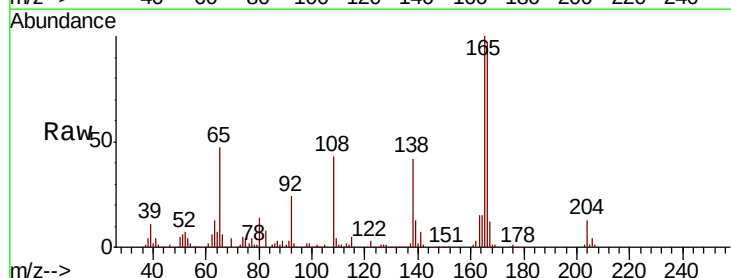
Manual Integrations
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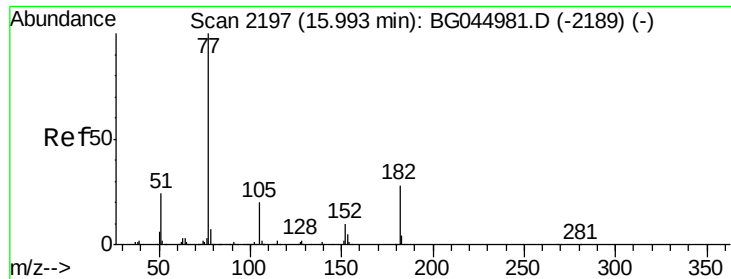
mohammad
 4/30/2020 1:37:44 PM



#62
 4-Nitroaniline
 Concen: 36.899 ng
 RT: 15.69 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	55.7	33.6	73.6	
108	100.3	78.2	118.2	





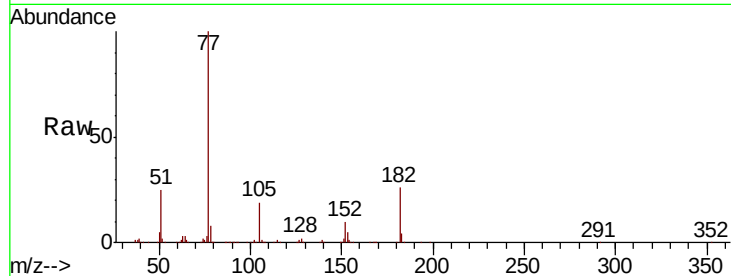
#63
Azobenzene
Concen: 42.302 ng
RT: 15.96 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Instrument :
BNA_G
ClientSampleId :
PB128538BS

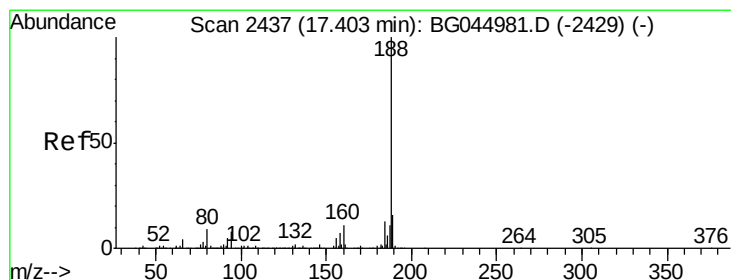
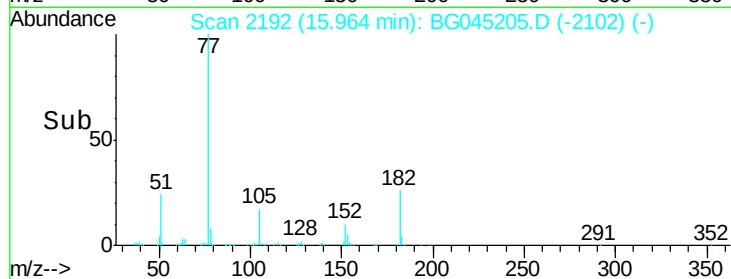
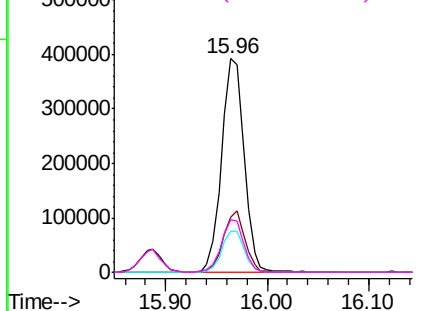
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	25.9	8.4	48.4		
105	19.0	0.5	40.5		
51	24.5	4.4	44.4		

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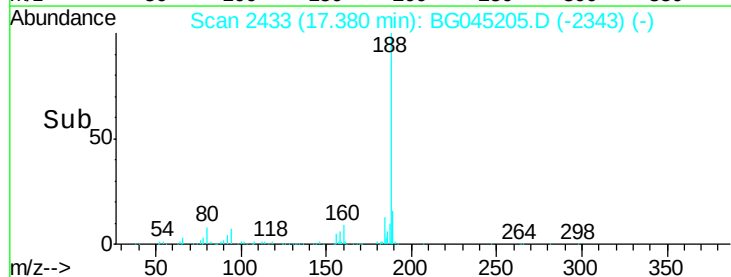
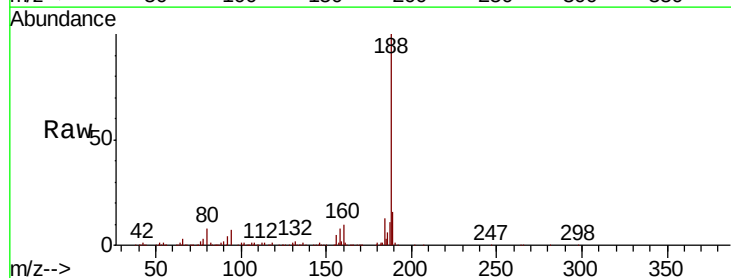
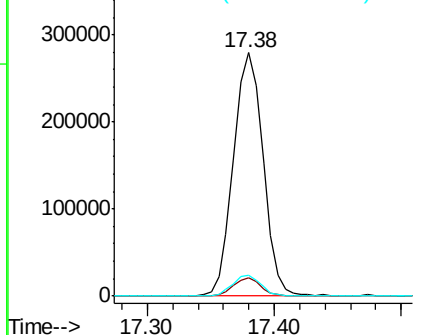
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

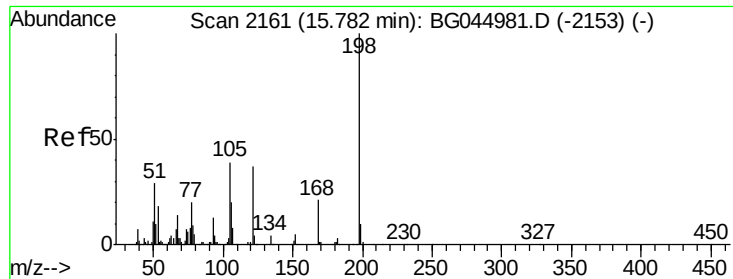


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.4	6.2	9.4		
80	8.5	7.0	10.6		

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





#65

4,6-Dinitro-2-methylphenol

Concen: 44.470 ng

RT: 15.76 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

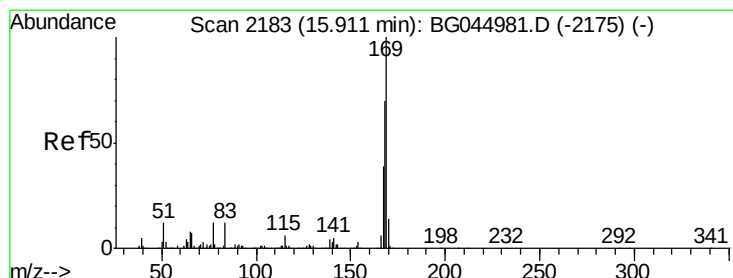
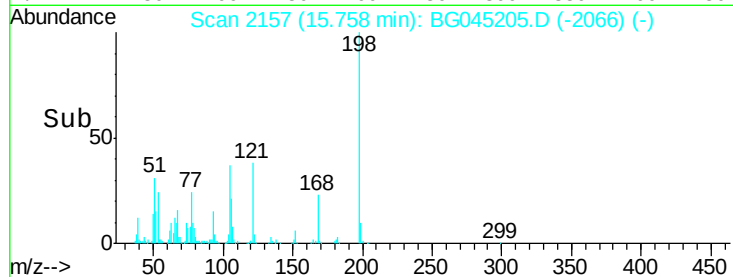
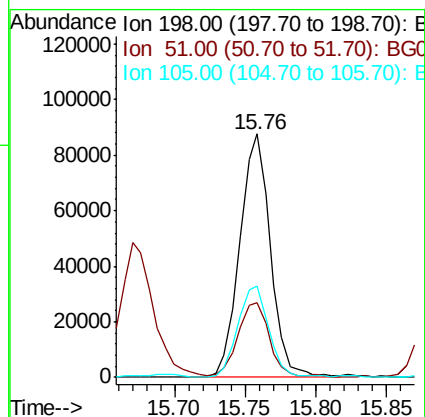
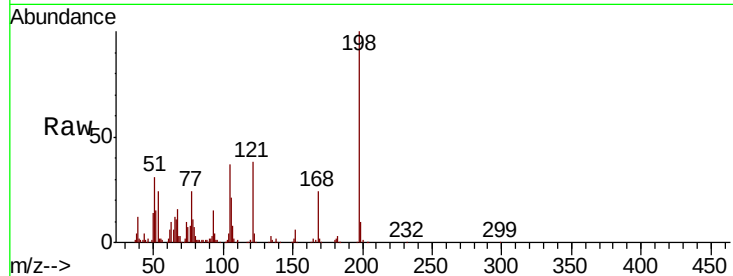
ClientSampleId :

PB128538BS

Tot Ion:	198	Resp:	132454
Ion Ratio	Lower	Upper	
198	100		
51	30.9	10.0	50.0
105	37.3	18.9	58.9

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#66

n-Nitrosodiphenylamine

Concen: 41.628 ng

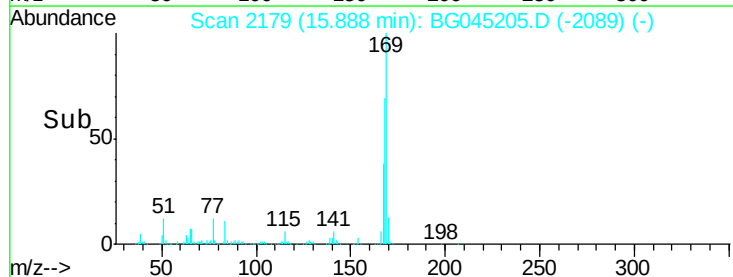
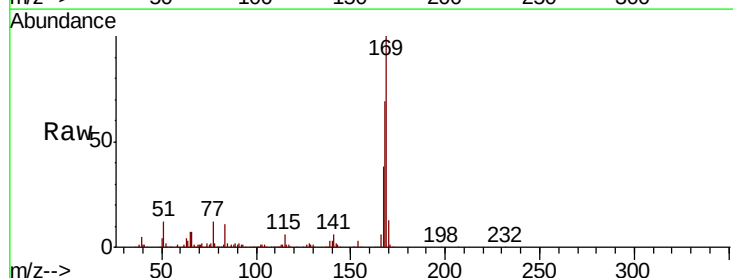
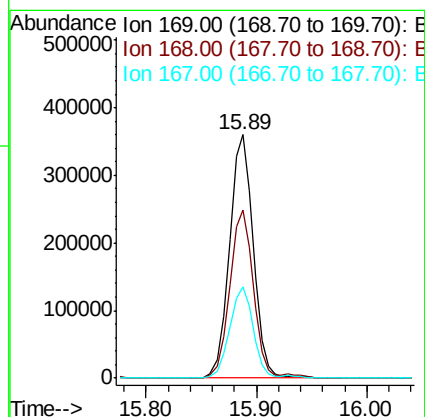
RT: 15.89 min Scan# 2179

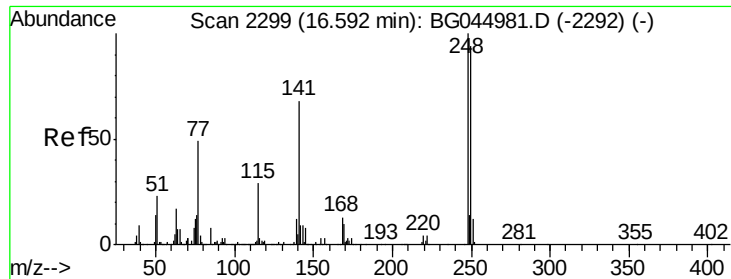
Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Tgt Ion:	169	Resp:	541979
Ion Ratio	Lower	Upper	
169	100		
168	69.2	55.8	83.8
167	37.5	30.8	46.2





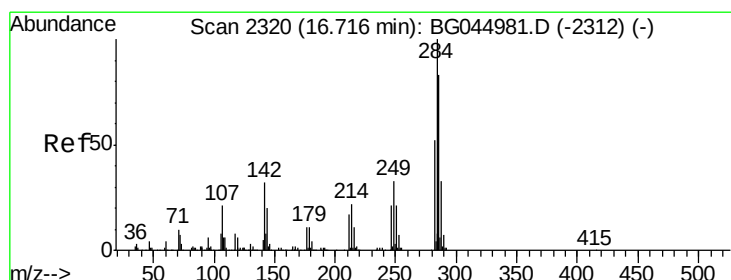
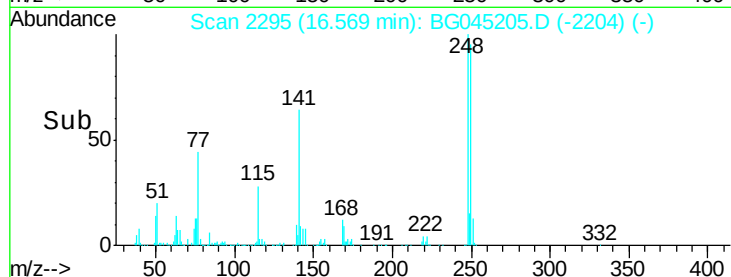
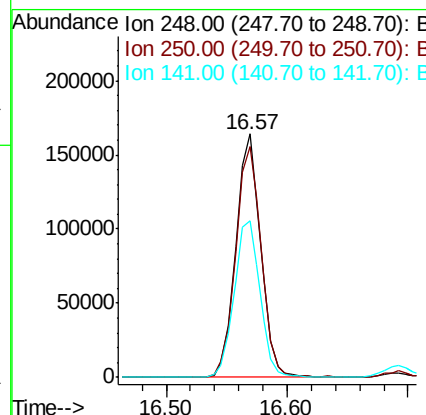
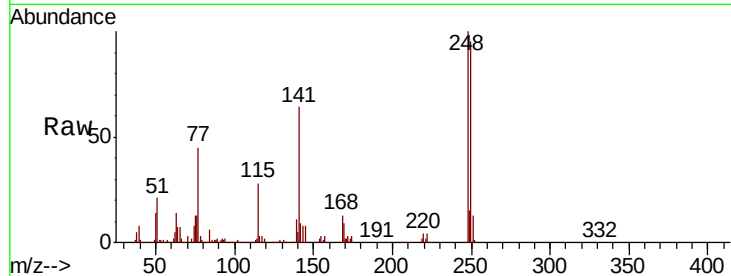
#67
4-Bromophenyl-phenylether
Concen: 40.109 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Instrument :
BNA_G
ClientSampleId :
PB128538BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.7	75.4	113.2
141	64.3	54.4	81.6

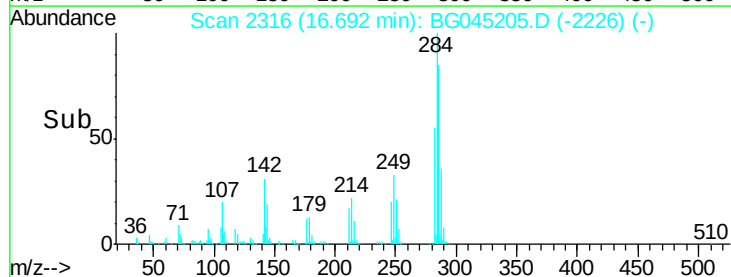
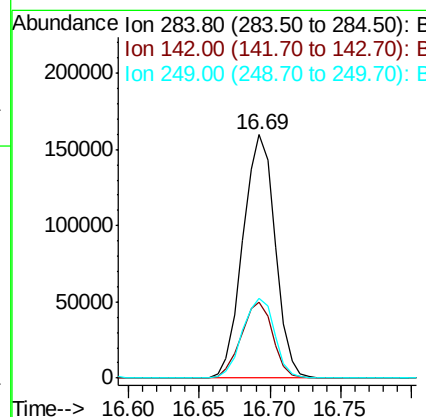
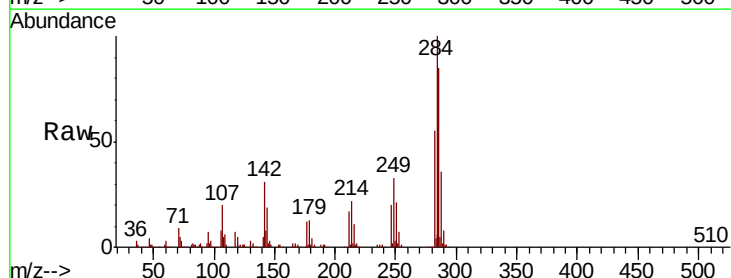
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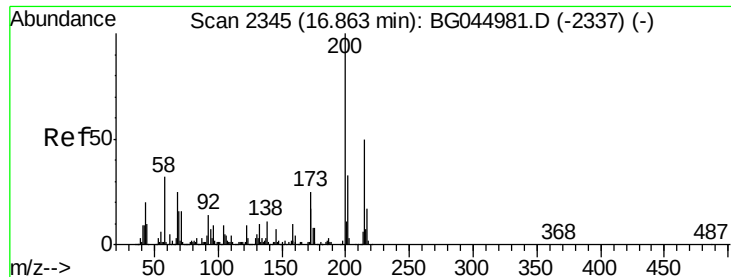
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#68
Hexachlorobenzene
Concen: 42.128 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	25.8	38.6
249	32.8	26.6	39.8





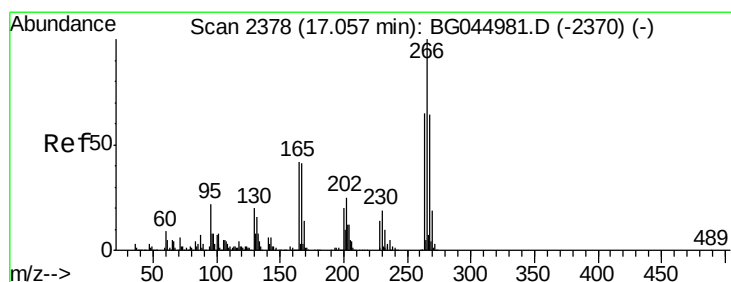
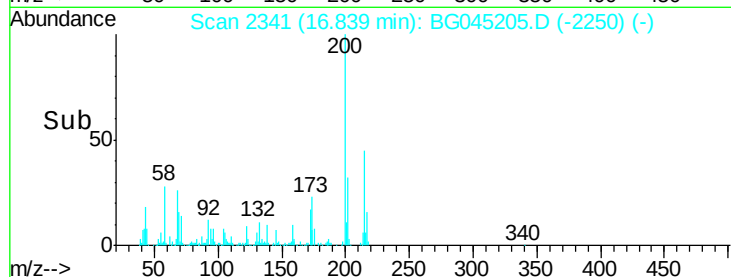
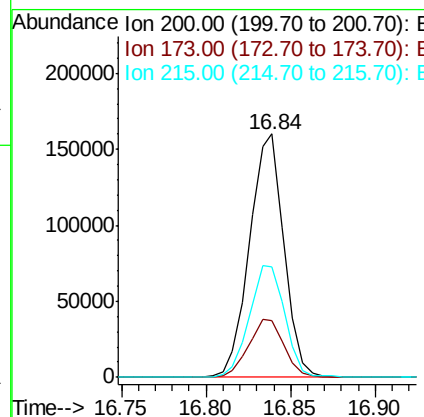
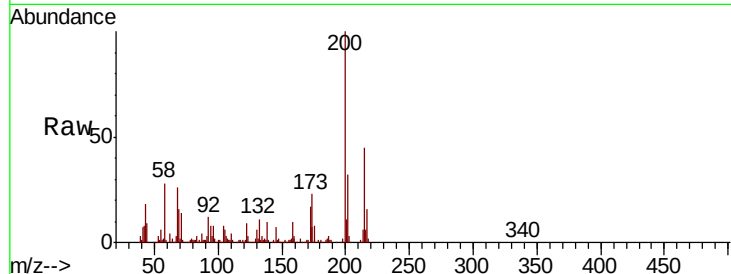
#69
Atrazine
Concen: 48.018 ng
RT: 16.84 min Scan# 2341
Delta R.T. 0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Instrument :
BNA_G
ClientSampleId :
PB128538BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	226505		
173	23.2	4.5	44.5	
215	45.4	30.0	70.0	

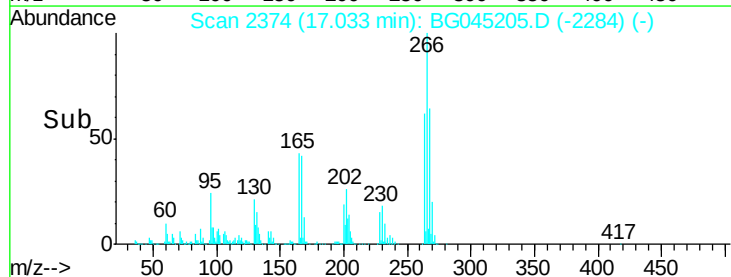
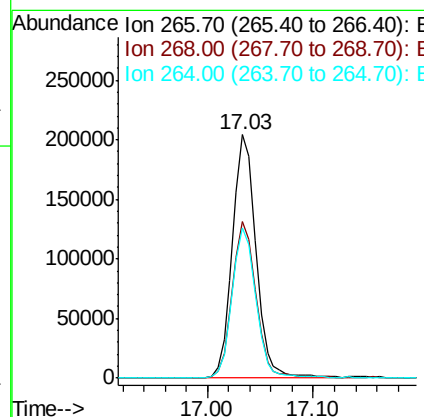
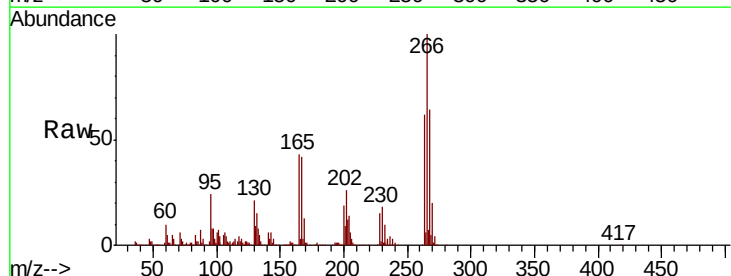
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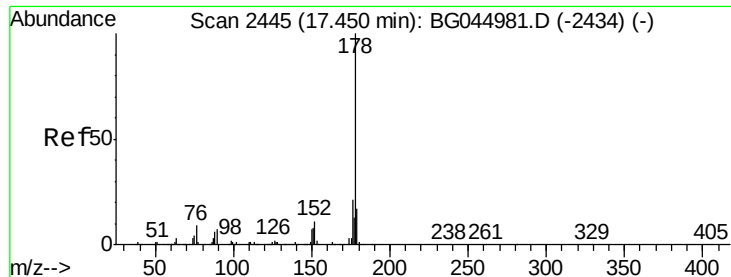
mohammad
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#70
Pentachlorophenol
Concen: 84.940 ng
RT: 17.03 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	315923		
268	64.2	51.5	77.3	
264	61.7	52.2	78.4	





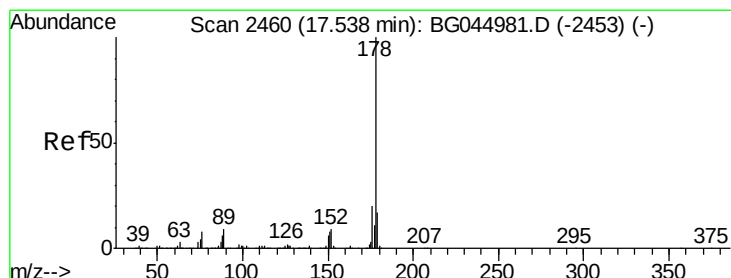
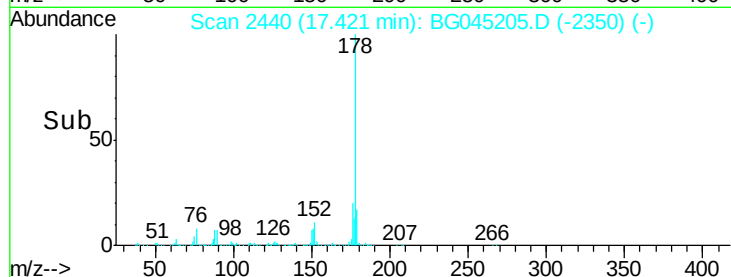
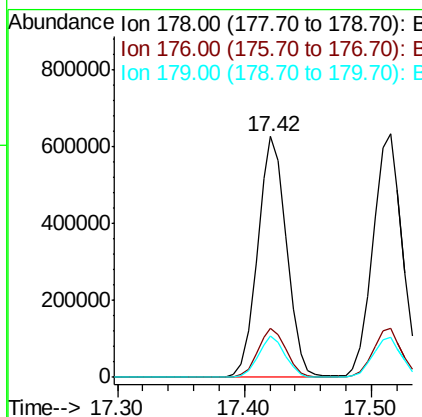
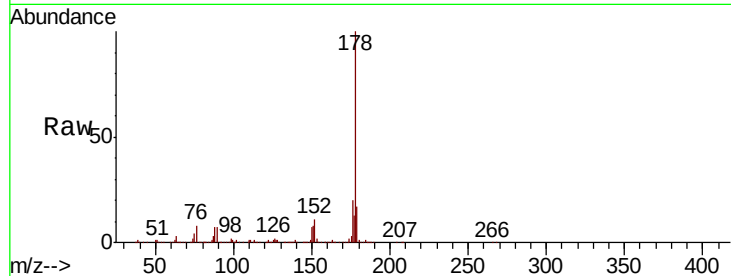
#71
Phenanthrene
Concen: 42.545 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Instrument :
BNA_G
ClientSampleId :
PB128538BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.8	25.2
179	17.1	13.2	19.8

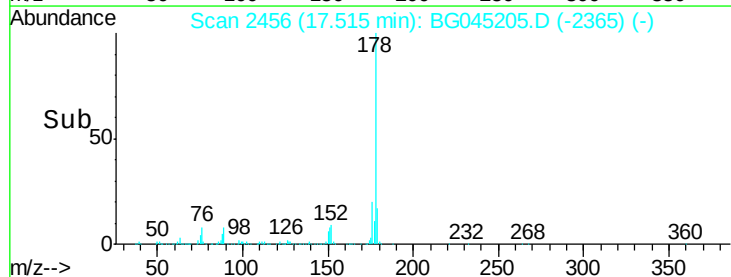
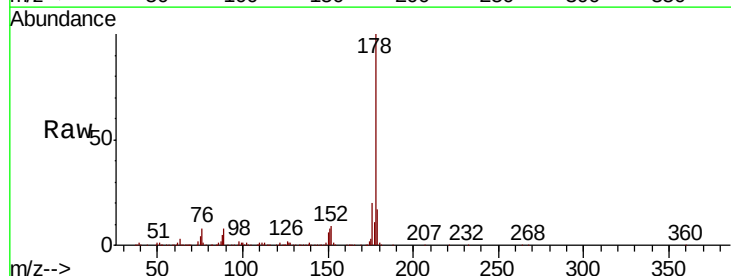
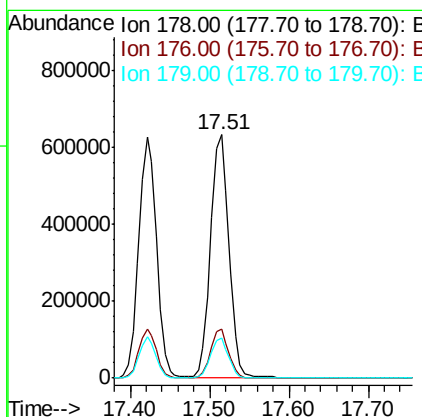
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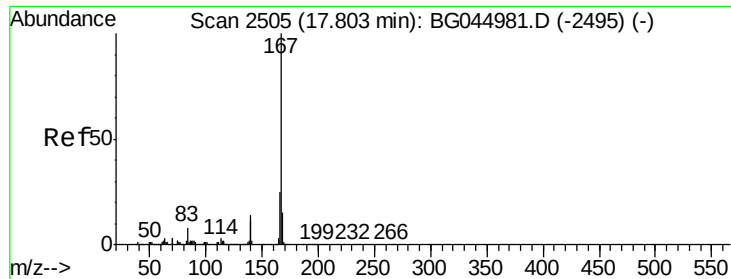
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#72
Anthracene
Concen: 43.842 ng
RT: 17.51 min Scan# 2456
Delta R.T. 0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.0	24.0
179	16.6	13.6	20.4





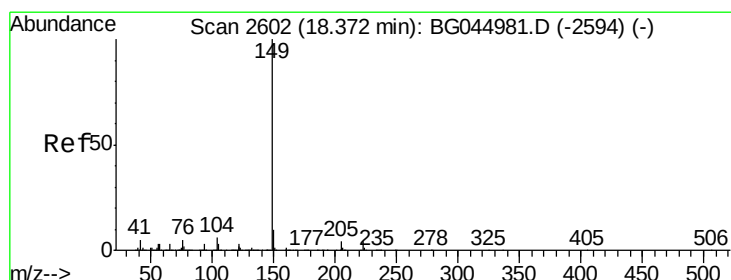
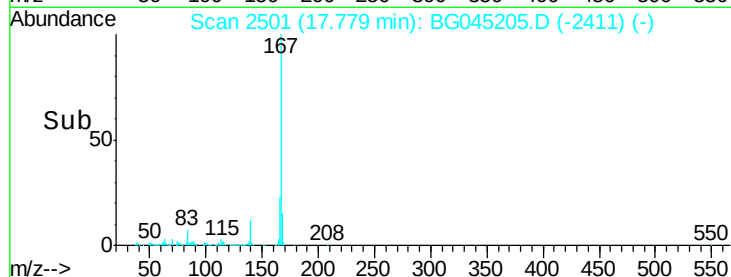
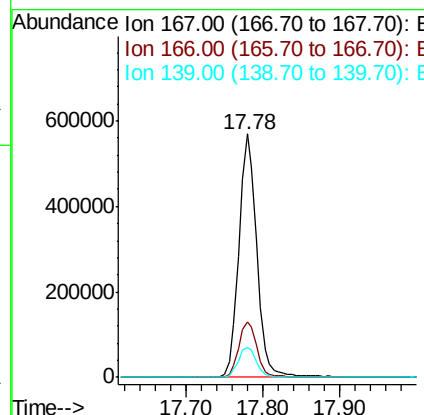
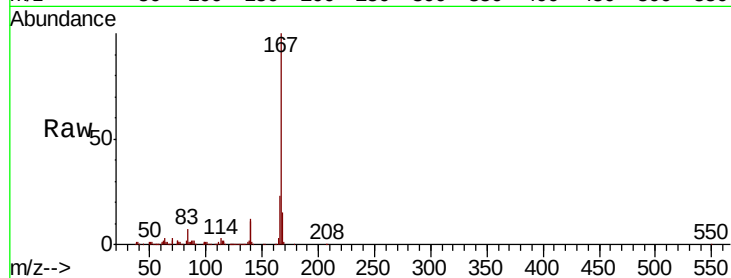
#73
 Carbazole
 Concen: 39.413 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. -0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Instrument :
 BNA_G
 ClientSampleId :
 PB128538BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	19.8	29.6
139	12.2	10.9	16.3

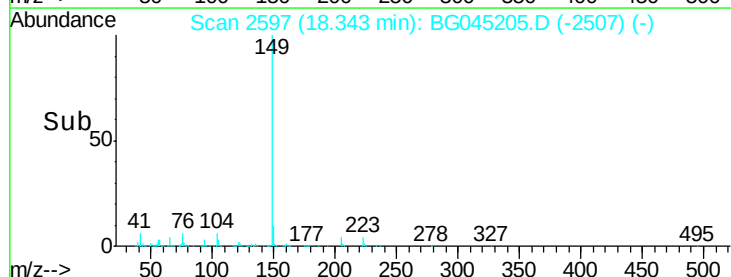
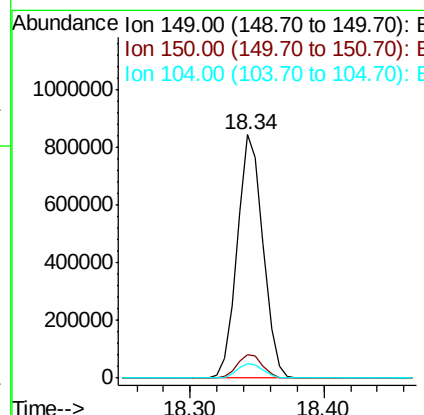
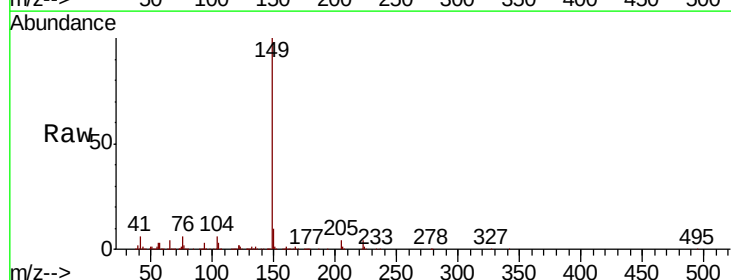
Manual Integrations
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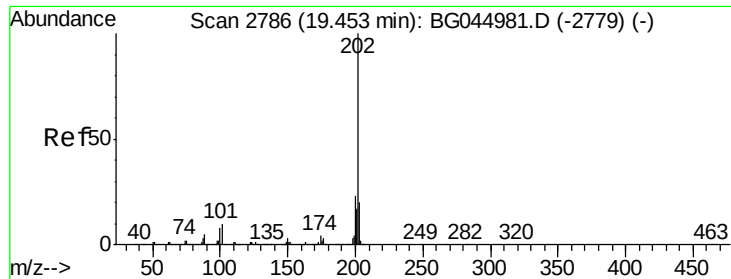
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 4/30/2020 1:37:44 PM



#74
 Di-n-butylphthalate
 Concen: 43.636 ng
 RT: 18.34 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: BG045205.D
 Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.2
104	6.1	4.8	7.2





#75

Fluoranthene

Concen: 46.252 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

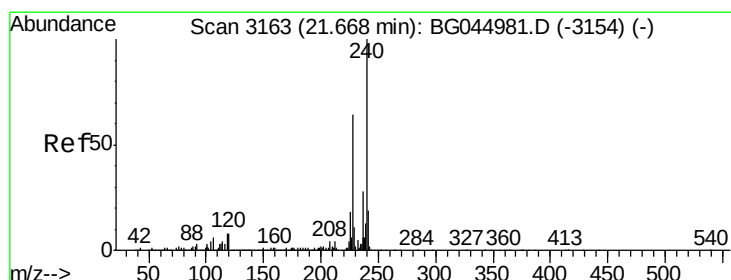
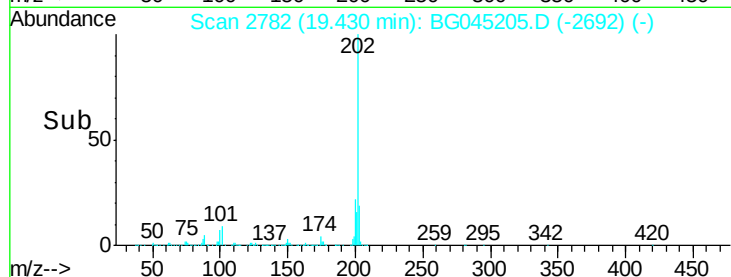
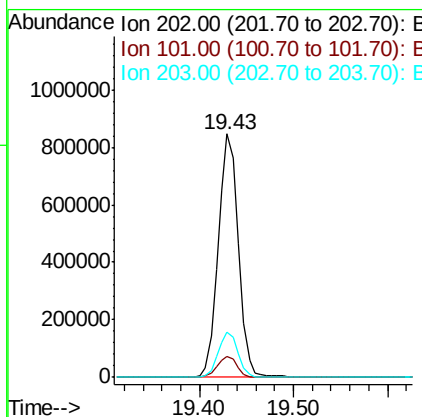
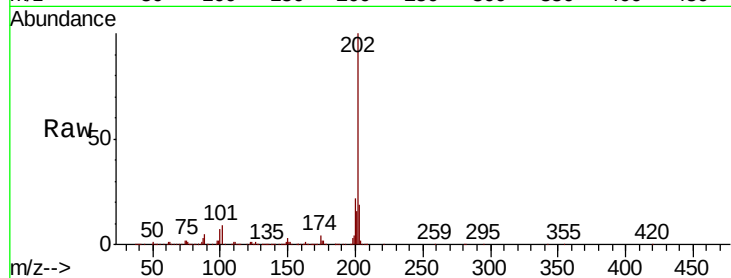
ClientSampled :

PB128538BS

Tot Ion:	202	Resp:	1261218
Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	29.6
203	18.7	0.0	39.7

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#76

Chrysene-d12

Concen: 20.000 ng

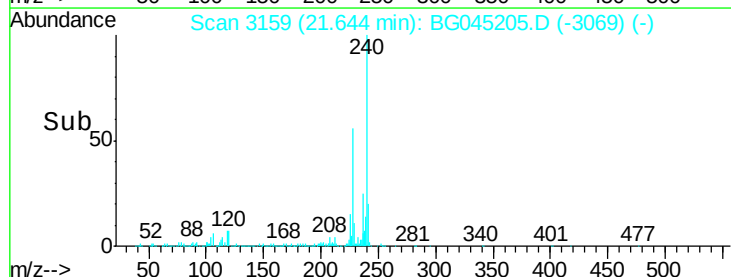
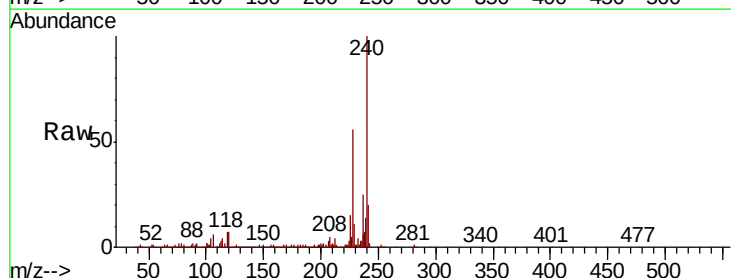
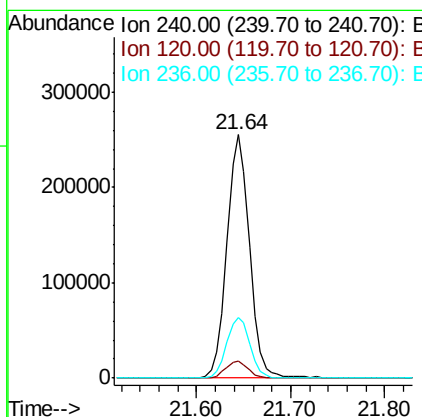
RT: 21.64 min Scan# 3159

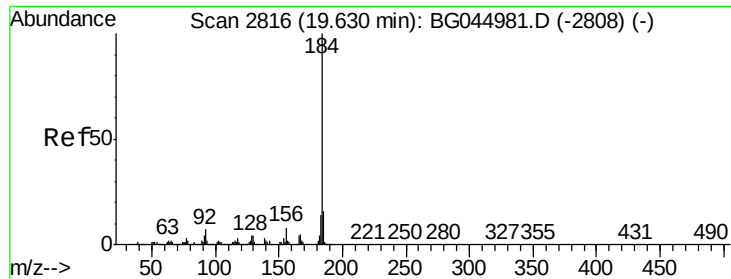
Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Tgt Ion:	240	Resp:	426272
Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.6	10.0
236	25.0	22.2	33.2





#77

Benzidine

Concen: 56.306 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

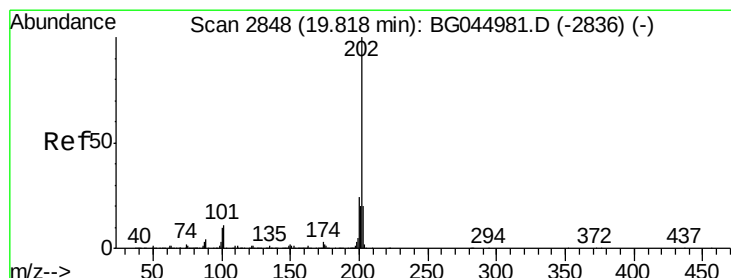
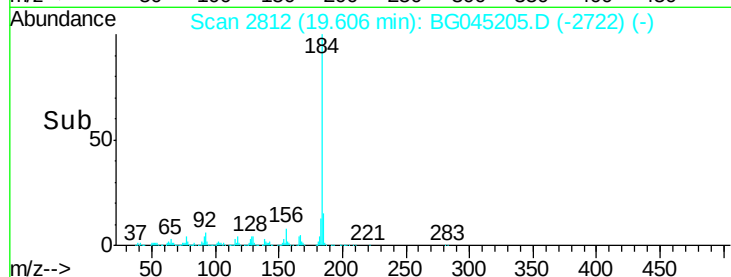
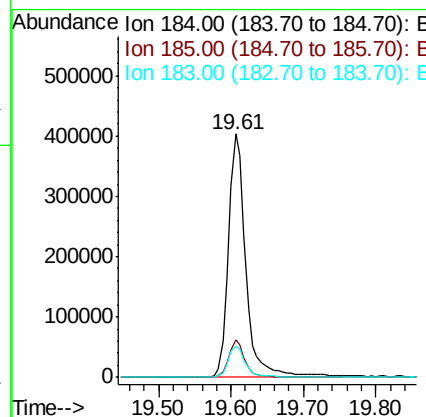
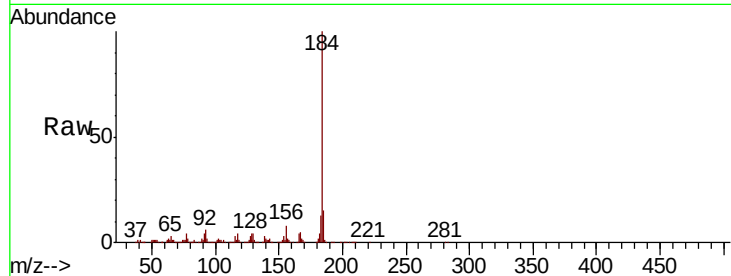
ClientSampled :

PB128538BS

Tot Ion:	184	Resp:	676715
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.6	19.0
183	13.0	11.3	16.9

Manual Integrations
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#78

Pyrene

Concen: 42.160 ng

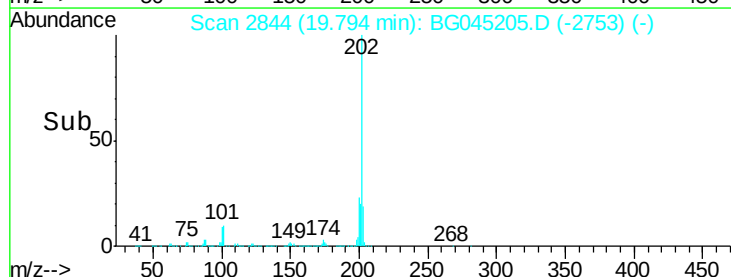
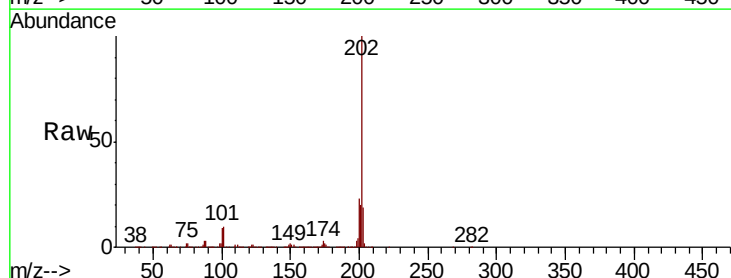
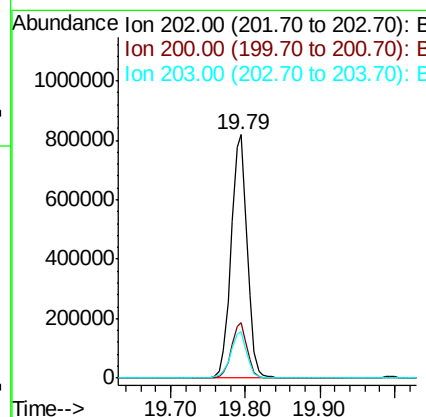
RT: 19.79 min Scan# 2844

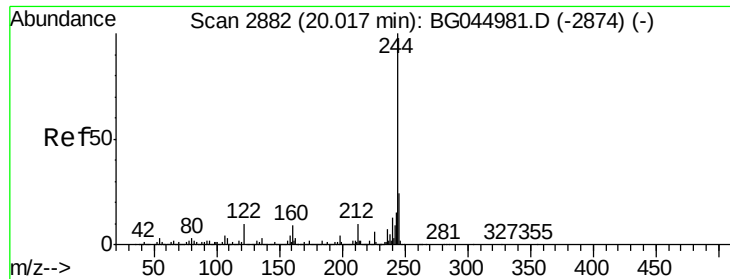
Delta R.T. 0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Tgt Ion:	202	Resp:	1238982
Ion Ratio	Lower	Upper	
202	100		
200	23.0	19.0	28.6
203	19.3	16.1	24.1





#79

Terphenyl-d14

Concen: 94.107 ng

RT: 19.99 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

ClientSampleId :

PB128538BS

Tot Ion:244 Resp: 1840519

Ion Ratio Lower Upper

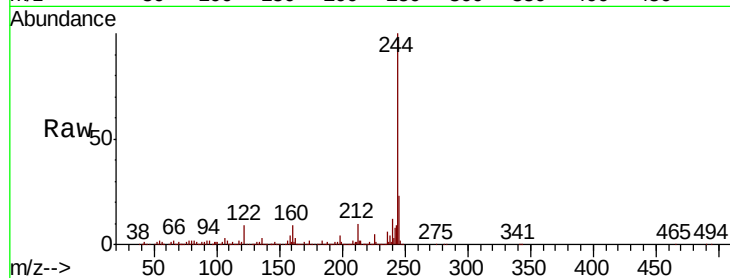
244 100

212 9.8 7.9 11.9

122 8.7 7.7 11.5

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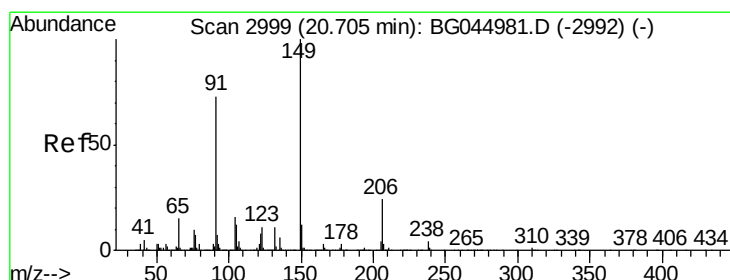
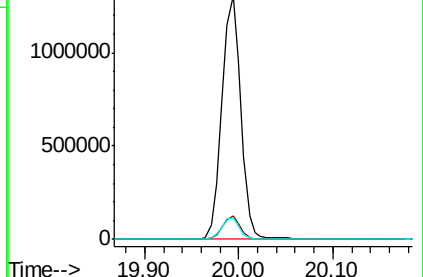
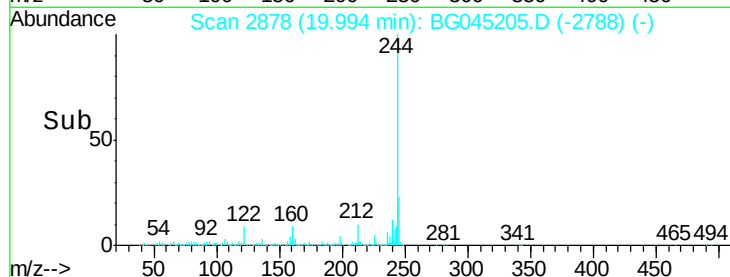
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.574 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

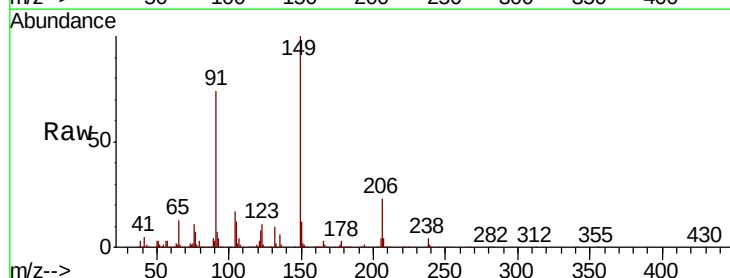
Tgt Ion:149 Resp: 506426

Ion Ratio Lower Upper

149 100

91 73.8 58.5 87.7

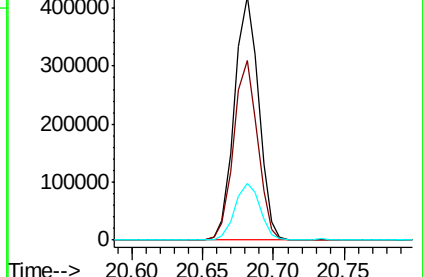
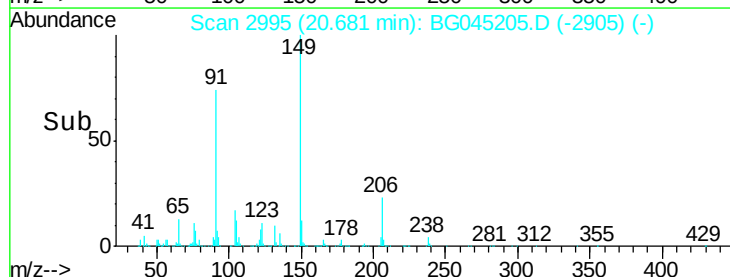
206 23.1 19.2 28.8

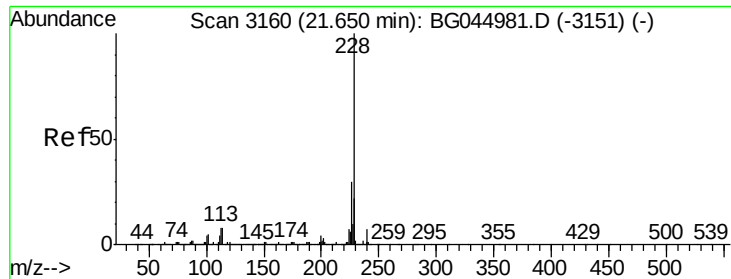


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





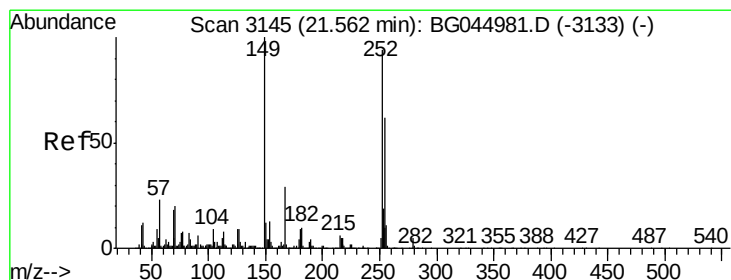
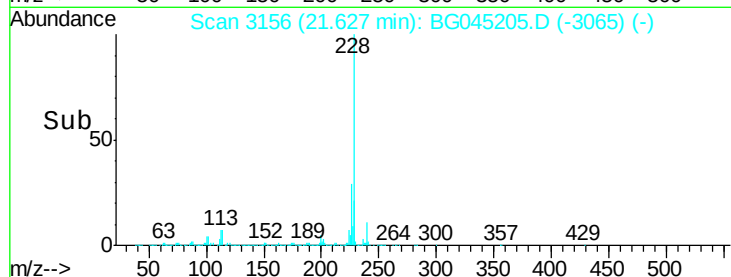
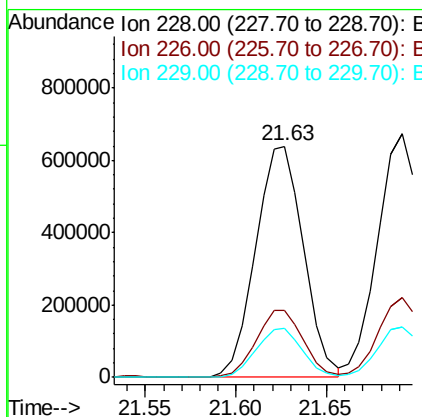
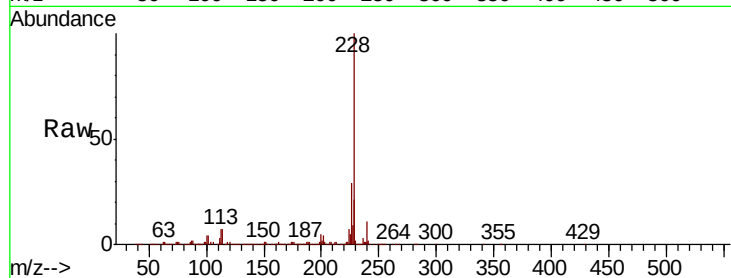
#81
Benzo(a)anthracene
Concen: 42.605 ng
RT: 21.63 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Instrument :
BNA_G
ClientSampleId :
PB128538BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.0	36.0
229	21.1	17.5	26.3

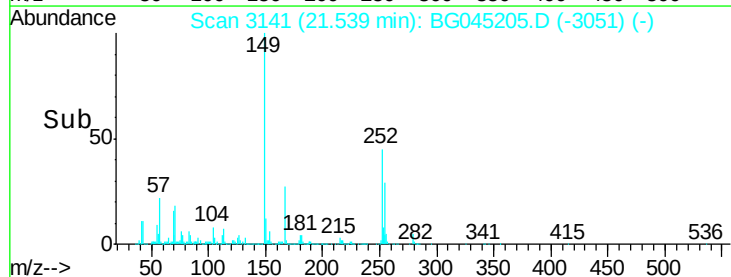
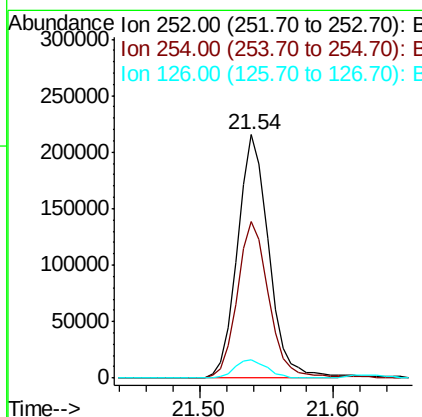
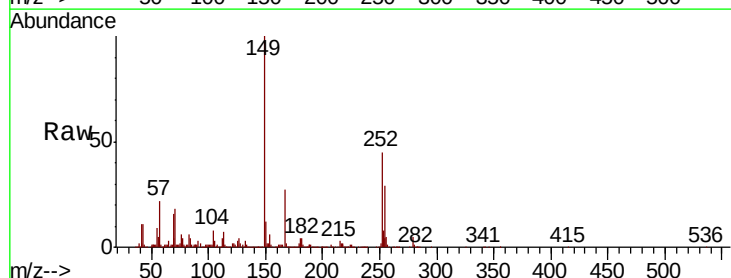
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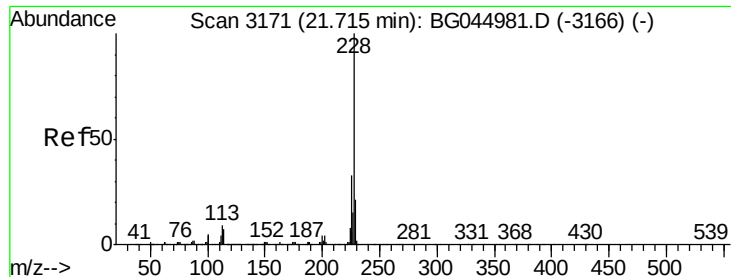
mohammad
4/30/2020 1:37:44 PM



#82
3,3'-Dichlorobenzidine
Concen: 31.760 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.6	79.0
126	7.7	7.5	11.3





#83

Chrysene

Concen: 43.362 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

ClientSampleId :

PB128538BS

Tot Ion:228 Resp: 1151081

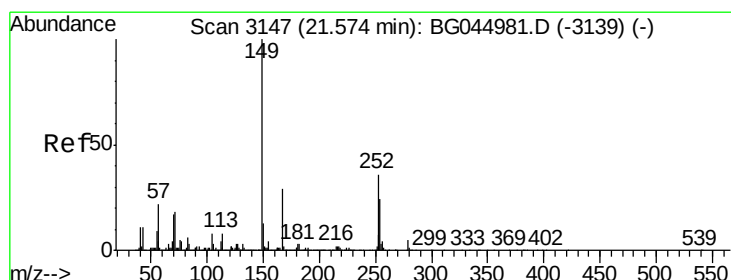
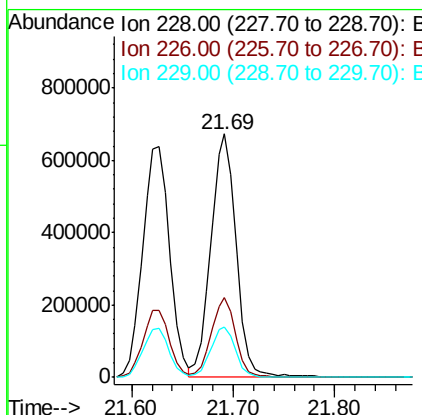
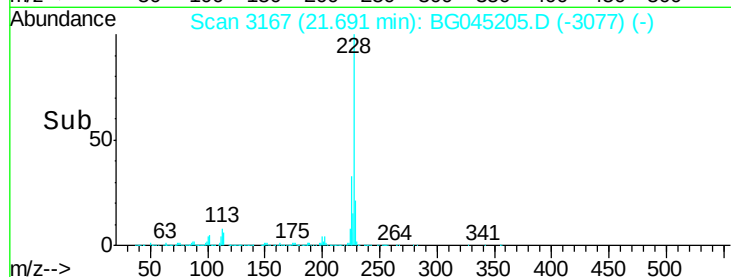
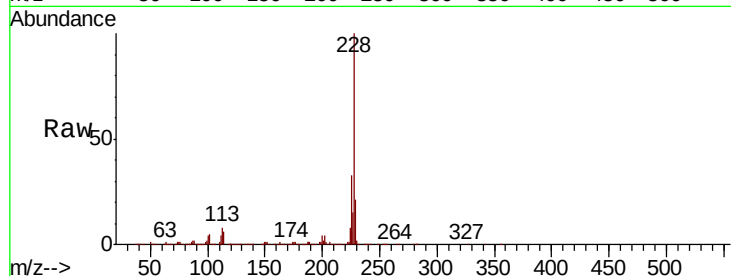
Ion	Ratio	Lower	Upper
228	100		
226	32.6	26.2	39.4
229	20.6	17.0	25.6

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#84

Bis(2-ethylhexyl)phthalate

Concen: 42.888 ng

RT: 21.54 min Scan# 3142

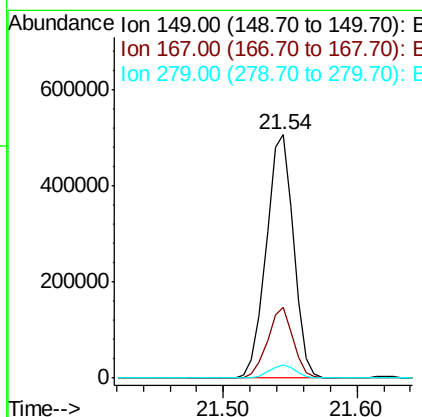
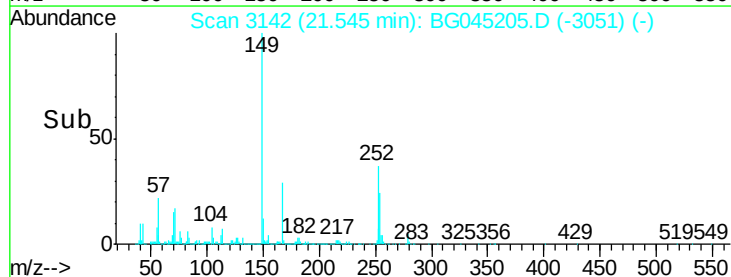
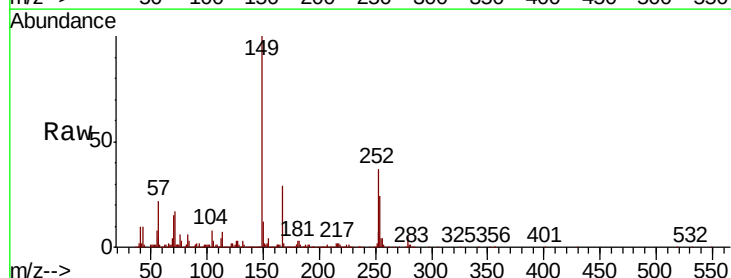
Delta R.T. 0.00 min

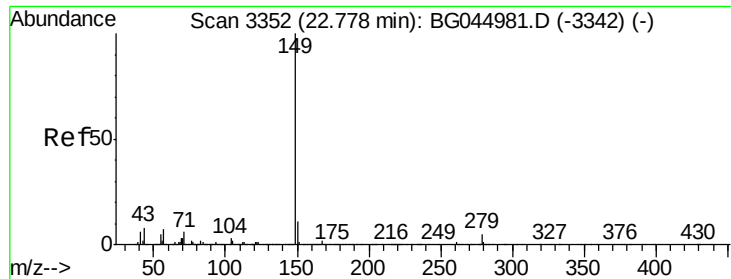
Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Tgt Ion:149 Resp: 718526

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.4	35.0
279	5.4	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 42.596 ng

RT: 22.74 min Scan# 3346

Delta R.T. -0.00 min

Lab File: BG045205.D

Acq: 29 Apr 2020 15:00

Instrument :

BNA_G

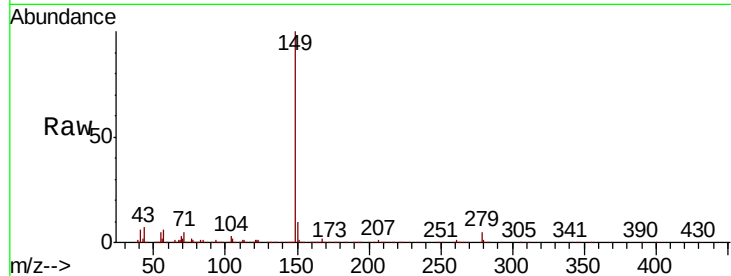
ClientSampleId :

PB128538BS

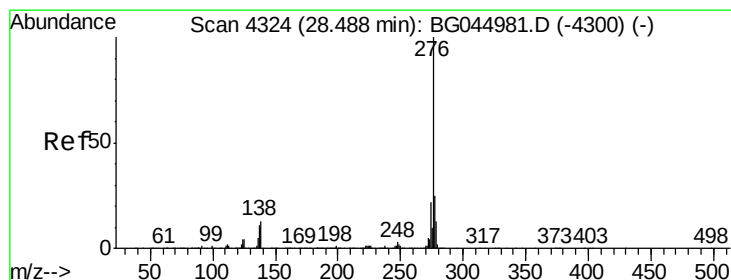
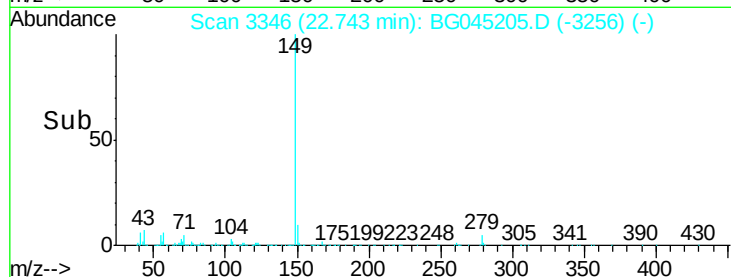
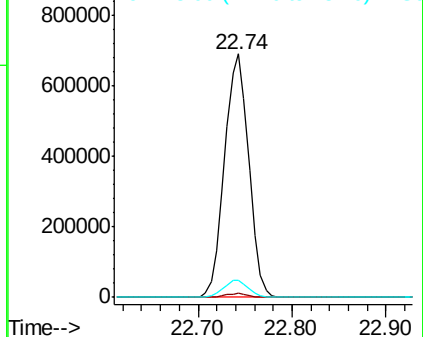
Tot Ion:	149	Resp:	1234063
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	7.2	5.7	8.5

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.995 ng

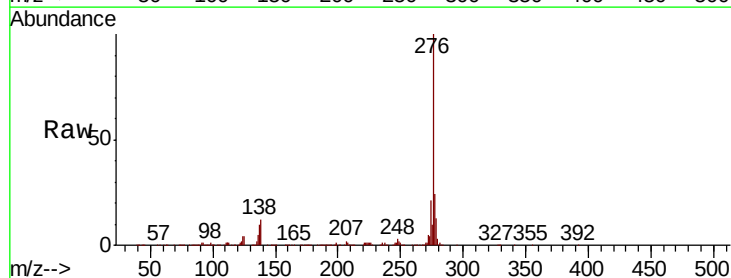
RT: 28.42 min Scan# 4313

Delta R.T. -0.01 min

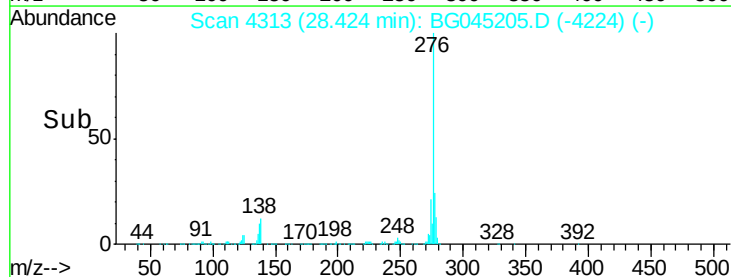
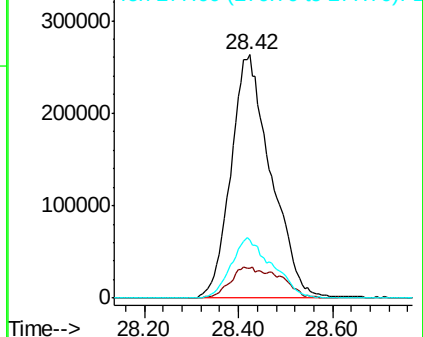
Lab File: BG045205.D

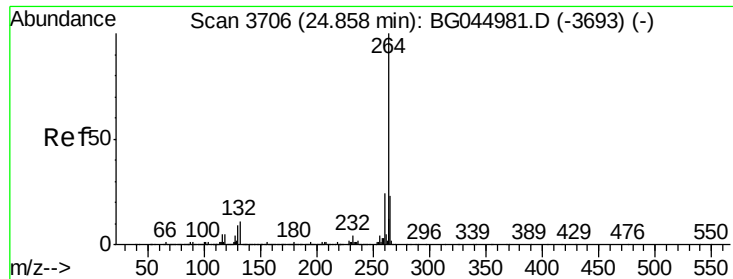
Acq: 29 Apr 2020 15:00

Tgt Ion:	276	Resp:	1550600
Ion	Ratio	Lower	Upper
276	100		
138	10.3	9.6	14.4
277	25.6	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





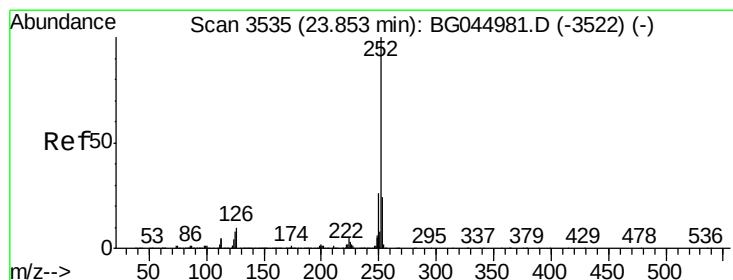
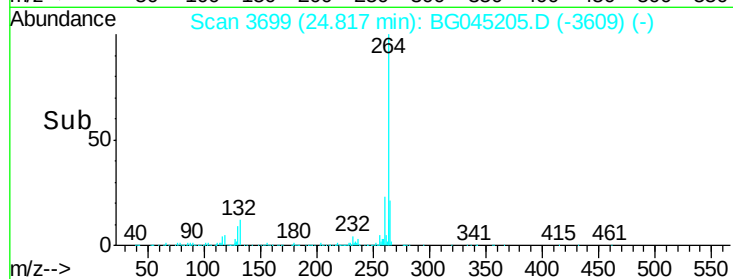
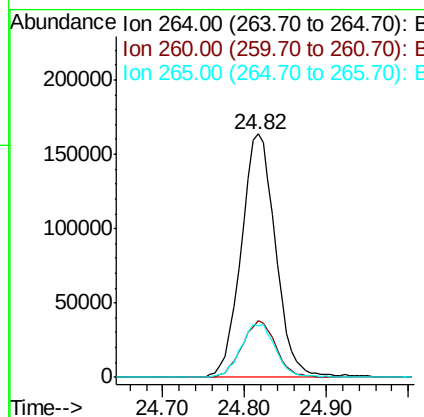
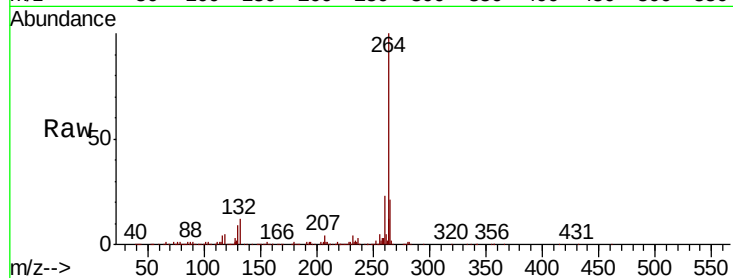
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Instrument :
BNA_G
ClientSampleId :
PB128538BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.1	19.0	28.4

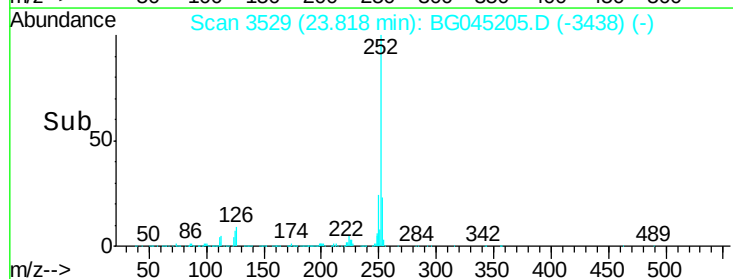
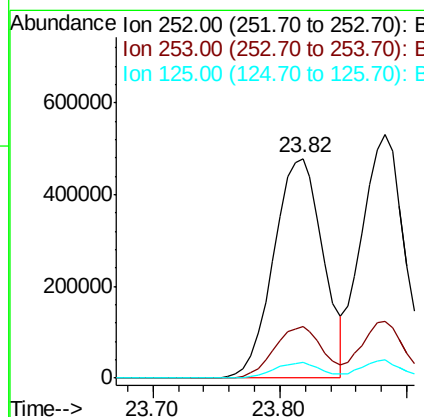
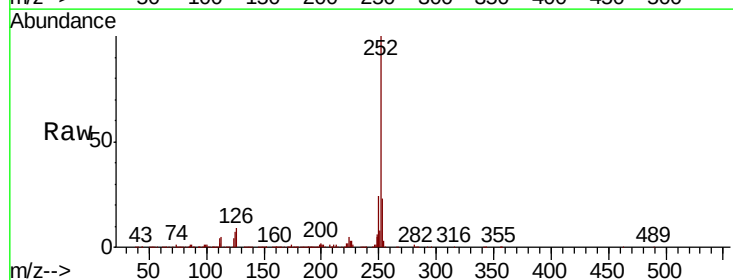
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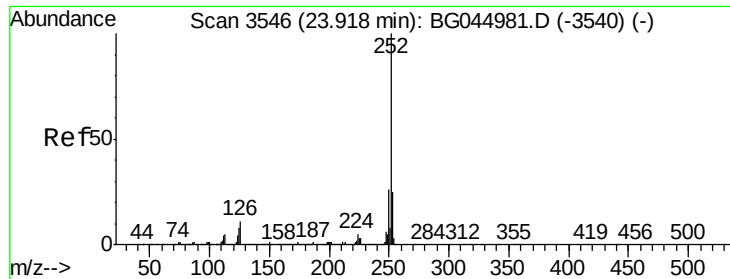
mohammad
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#88
Benzo(b)fluoranthene
Concen: 43.315 ng
RT: 23.82 min Scan# 3529
Delta R.T. 0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.8	28.2
125	7.1	6.2	9.4





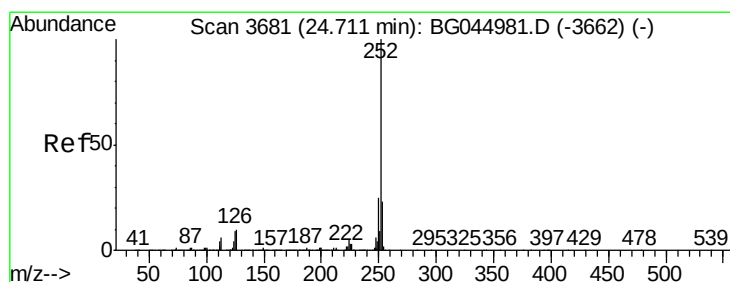
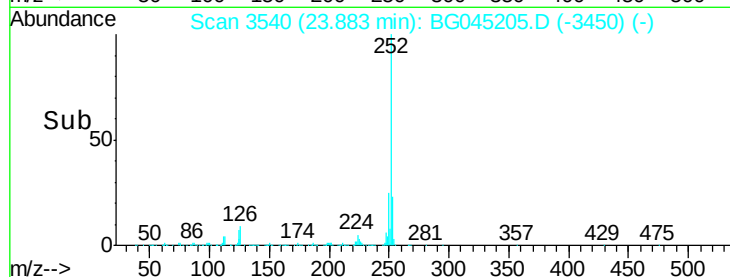
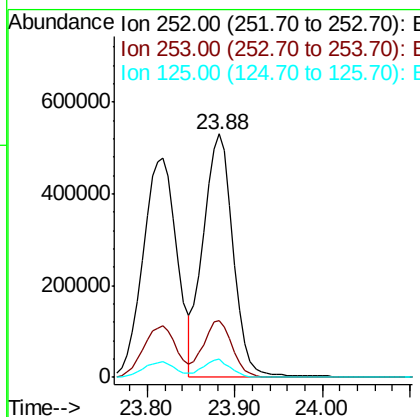
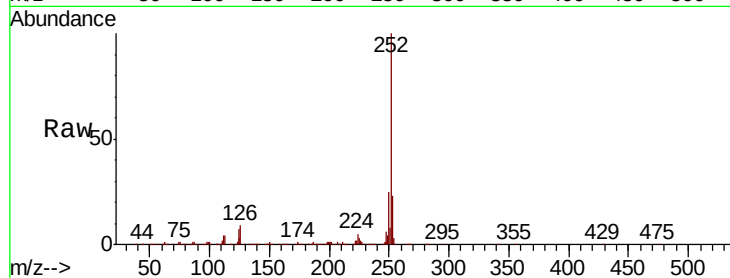
#89
Benzo(k)fluoranthene
Concen: 44.443 ng
RT: 23.88 min Scan# 3540
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Instrument :
BNA_G
ClientSampleId :
PB128538BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.2	28.8
125	7.5	5.9	8.9

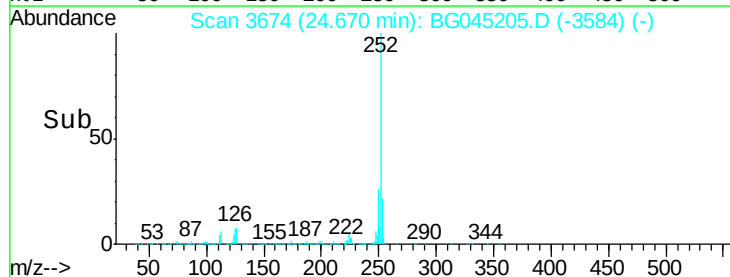
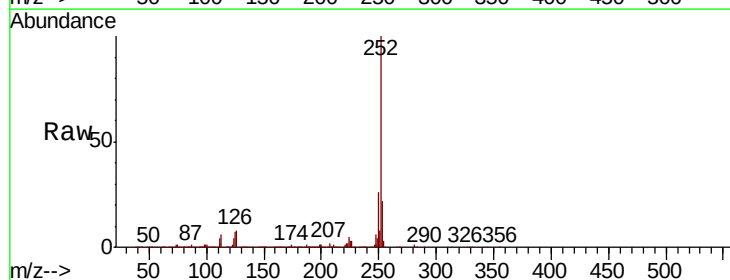
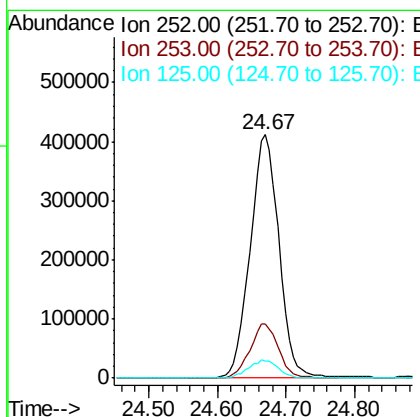
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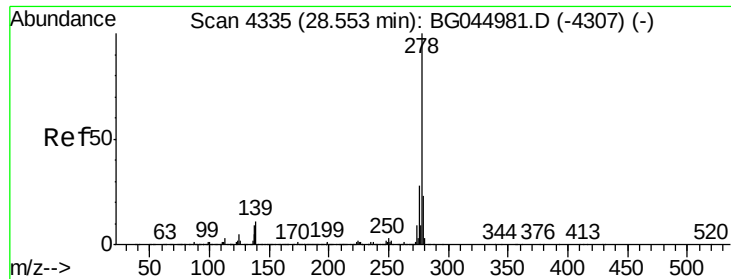
mohammad
4/30/2020 1:37:44 PM



#90
Benzo(a)pyrene
Concen: 42.718 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.3	27.5
125	7.2	7.0	10.6





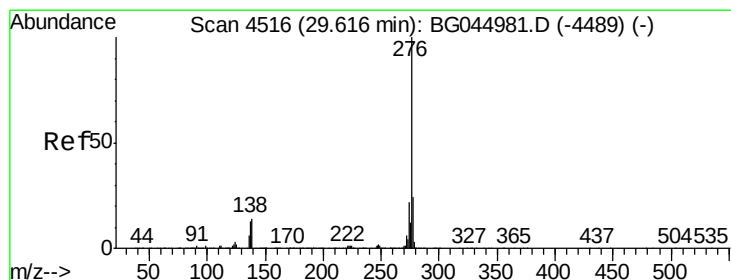
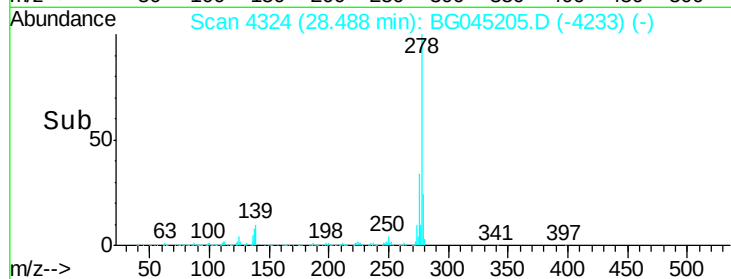
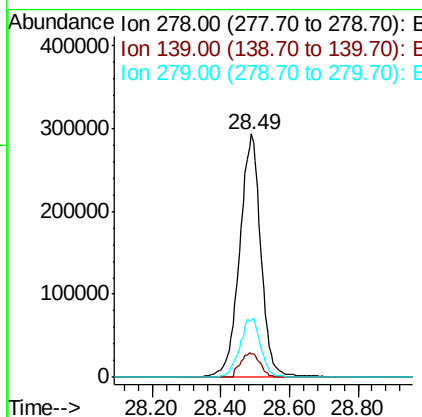
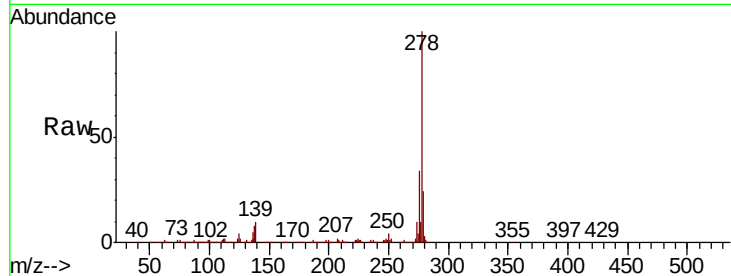
#91
Dibenzo(a,h)anthracene
Concen: 44.329 ng
RT: 28.49 min Scan# 4324
Delta R.T. 0.00 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Instrument :
BNA_G
ClientSampleId :
PB128538BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.8	9.0	13.6
279	23.6	18.4	27.6

Manual Integrations
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4/30/2020 1:37:44 PM



#92
Benzo(g,h,i)perylene
Concen: 44.074 ng
RT: 29.55 min Scan# 4504
Delta R.T. -0.01 min
Lab File: BG045205.D
Acq: 29 Apr 2020 15:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.9	19.3	28.9
138	14.4	11.4	17.2

