

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012320\
 Data File : BG044165.D
 Acq On : 23 Jan 2020 13:05
 Operator : JU
 Sample : PB126284BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126284BS

Manual Integrations
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 1/24/2020 1:53:34 PM

Quant Time: Jan 24 05:27:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	85143	20.00	ng	-0.03
21) Naphthalene-d8	10.74	136	355277	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	234821	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	486651	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	407925	20.00	ng	-0.03
87) Perylene-d12	24.67	264	468424	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	681289	146.92	ng	-0.02
7) Phenol-d6	7.11	99	900774	138.97	ng	-0.02
23) Nitrobenzene-d5	9.09	82	471313	70.97	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	334155	135.98	ng	-0.02
45) 2-Fluorobiphenyl	13.19	172	1062192	81.95	ng	-0.03
79) Terphenyl-d14	19.93	244	1467008	87.34	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	86686	42.874	ng	98
3) Pyridine	3.79	79	211387	35.391	ng	92
4) n-Nitrosodimethylamine	3.70	42	106086	39.893	ng	97
6) Aniline	7.25	93	267289	31.395	ng	98
8) 2-Chlorophenol	7.50	128	252922	46.460	ng	97
9) Benzaldehyde	7.06	77	127246	30.673	ng	97
10) Phenol	7.13	94	310197	46.448	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	227038	39.384	ng	98
12) 1,3-Dichlorobenzene	7.82	146	256370	40.244	ng	98
13) 1,4-Dichlorobenzene	7.97	146	255683	40.678	ng	98
14) 1,2-Dichlorobenzene	8.29	146	242799	40.244	ng	99
15) Benzyl Alcohol	8.17	79	209714	40.995	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.46	45	308866	34.631	ng	97
17) 2-Methylphenol	8.38	107	219992	45.520	ng	98
18) Hexachloroethane	9.02	117	96106	39.294	ng	97
19) n-Nitroso-di-n-propylamine	8.74	70	183017	37.914	ng	# 97
20) 3+4-Methylphenols	8.71	107	297938	44.192	ng	99
22) Acetophenone	8.75	105	344210	38.971	ng	99
24) Nitrobenzene	9.13	77	260237	39.564	ng	98
25) Isophorone	9.66	82	501745	40.270	ng	99
26) 2-Nitrophenol	9.84	139	142574	45.815	ng	96
27) 2,4-Dimethylphenol	9.91	122	245183	52.340	ng	97
28) bis(2-Chloroethoxy)methane	10.14	93	319811	38.501	ng	99
29) 2,4-Dichlorophenol	10.38	162	253418	45.353	ng	96
30) 1,2,4-Trichlorobenzene	10.60	180	249512	39.825	ng	99
31) Naphthalene	10.78	128	746128	43.399	ng	98
32) Benzoic acid	10.06	122	108551	31.005	ng	95
33) 4-Chloroaniline	10.89	127	180126	21.966	ng	97
34) Hexachlorobutadiene	11.08	225	144744	37.839	ng	98
35) Caprolactam	11.65	113	91471m	43.974	ng	
36) 4-Chloro-3-methylphenol	12.02	107	271626	45.663	ng	98
37) 2-Methylnaphthalene	12.39	142	561284	43.364	ng	98
38) 1-Methylnaphthalene	12.61	142	534232	43.549	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	267864	38.919	ng	99

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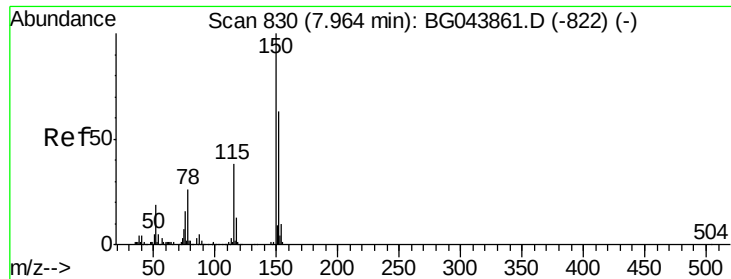
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
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 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	354843	99.446	nq	99
43) 2,4,6-Trichlorophenol	13.01	196	197950	41.799	nq	96
44) 2,4,5-Trichlorophenol	13.08	196	217950	44.622	nq	99
46) 1,1'-Biphenyl	13.40	154	711653	42.269	nq	98
47) 2-Chloronaphthalene	13.45	162	557301	40.964	nq	98
48) 2-Nitroaniline	13.64	65	171720	39.239	nq	99
49) Acenaphthylene	14.29	152	892950	45.665	nq	97
50) Dimethylphthalate	14.03	163	703734	42.207	nq	98
51) 2,6-Dinitrotoluene	14.14	165	159595	42.349	nq	98
52) Acenaphthene	14.63	154	546622	39.861	nq	98
53) 3-Nitroaniline	14.47	138	118760	27.751	nq	98
54) 2,4-Dinitrophenol	14.67	184	158965	82.607	nq	96
55) Dibenzofuran	14.97	168	846154	44.823	nq	97
56) 4-Nitrophenol	14.79	139	282854	86.252	nq	96
57) 2,4-Dinitrotoluene	14.93	165	220889	43.076	nq	100
58) Fluorene	15.62	166	662505	44.278	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.20	232	184315	43.884	nq	97
60) Diethylphthalate	15.39	149	711453	42.662	nq	98
61) 4-Chlorophenyl-phenylether	15.61	204	341627	42.049	nq	96
62) 4-Nitroaniline	15.63	138	156524	37.038	nq	98
63) Azobenzene	15.91	77	669957	43.319	nq	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	124916	49.653	nq	96
66) n-Nitrosodiphenylamine	15.83	169	613335	42.797	nq	98
67) 4-Bromophenyl-phenylether	16.51	248	219271	40.062	nq	96
68) Hexachlorobenzene	16.63	284	237026	40.190	nq	96
69) Atrazine	16.78	200	218616	46.929	nq	99
70) Pentachlorophenol	16.97	266	250407	77.022	nq	99
71) Phenanthrene	17.35	178	1022757	43.816	nq	98
72) Anthracene	17.45	178	1058180	45.871	nq	97
73) Carbazole	17.71	167	929662	43.628	nq	96
74) Di-n-butylphthalate	18.28	149	1148159	42.202	nq	96
75) Fluoranthene	19.36	202	1157610	43.364	nq	97
77) Benzidine	19.54	184	495307	48.306	nq	99
78) Pyrene	19.73	202	1167111	43.832	nq	95
80) Butylbenzylphthalate	20.61	149	526244	41.512	nq	98
81) Benzo(a)anthracene	21.54	228	1105048	43.688	nq	96
82) 3,3'-Dichlorobenzidine	21.46	252	309414	30.963	nq	98
83) Chrysene	21.61	228	1054706	43.883	nq	95
84) Bis(2-ethylhexyl)phthalate	21.47	149	746295	42.666	nq	97
85) Di-n-octyl phthalate	22.64	149	1307006	44.447	nq	97
86) Indeno(1,2,3-cd)pyrene	28.19	276	1358340	41.587	nq	99
88) Benzo(b)fluoranthene	23.69	252	1165955	42.104	nq	98
89) Benzo(k)fluoranthene	23.75	252	1126280	42.770	nq	98
90) Benzo(a)pyrene	24.53	252	1078303	41.257	nq	97
91) Dibenzo(a,h)anthracene	28.26	278	1114094	42.444	nq	97
92) Benzo(g,h,i)perylene	29.30	276	1140221	43.732	nq	98

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



#1

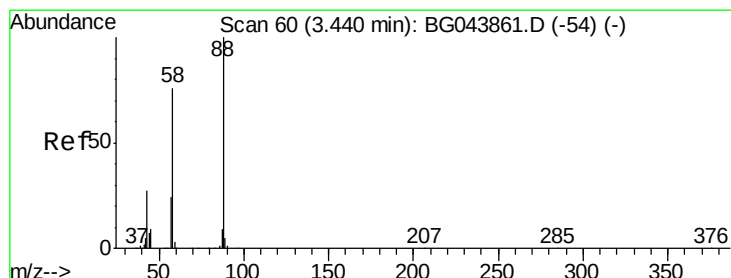
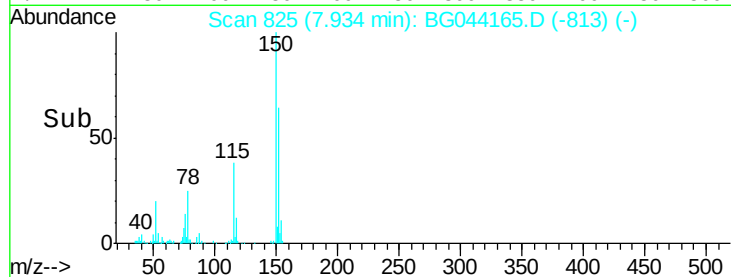
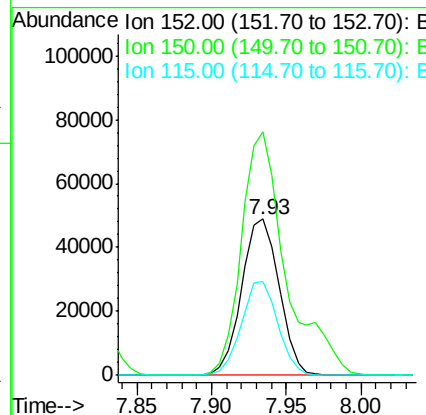
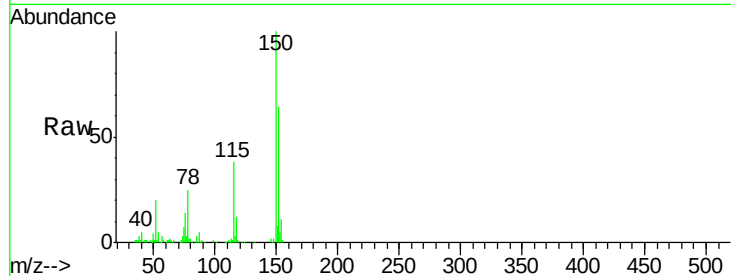
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.03 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :
PB126284BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	127.0	190.4
115	59.7	47.8	71.8

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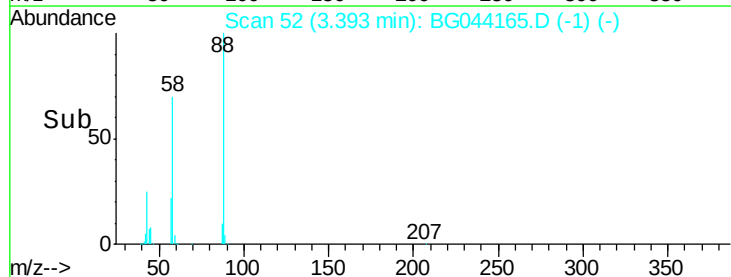
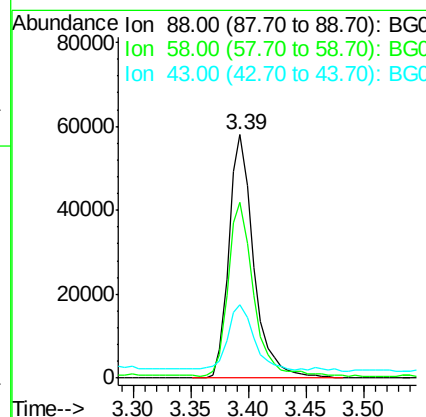
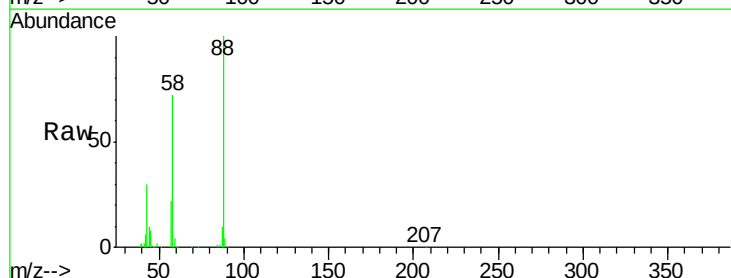
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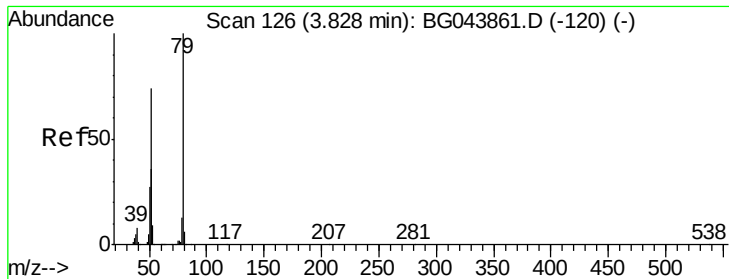


#2

1,4-Dioxane
Concen: 42.874 ng
RT: 3.39 min Scan# 52
Delta R.T. -0.05 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.4	59.8	89.8
43	28.5	22.9	34.3





#3

Pvridine

Concen: 35.391 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.04 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

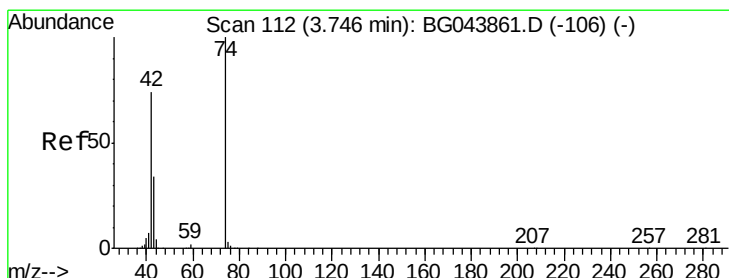
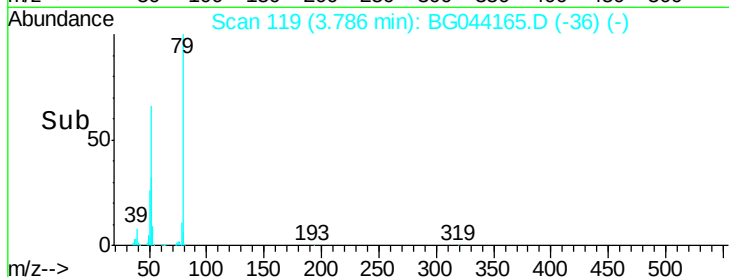
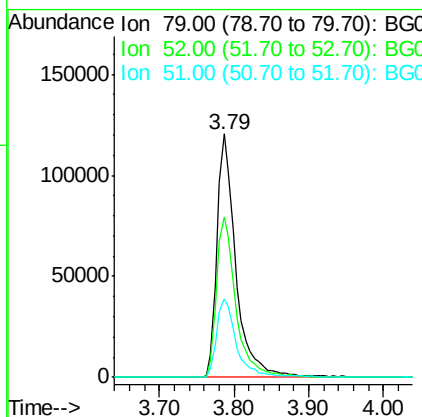
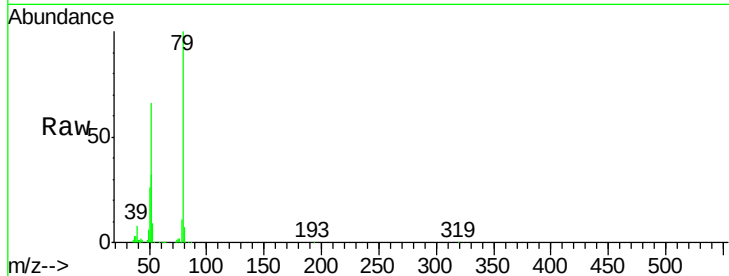
ClientSampleId :

PB126284BS

Tot Ion:	79	Resp:	211387
Ion	Ratio	Lower	Upper
79	100		
52	66.0	58.9	88.3
51	32.2	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 39.893 ng

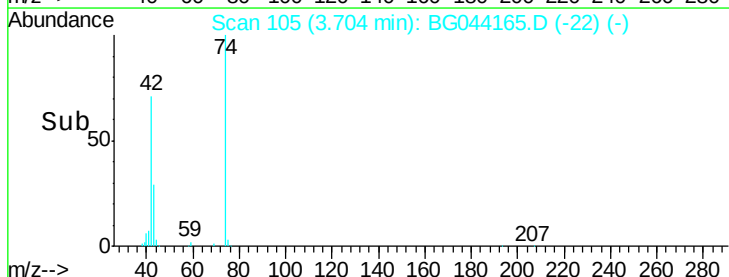
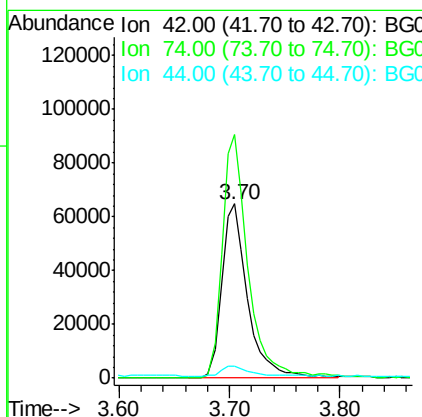
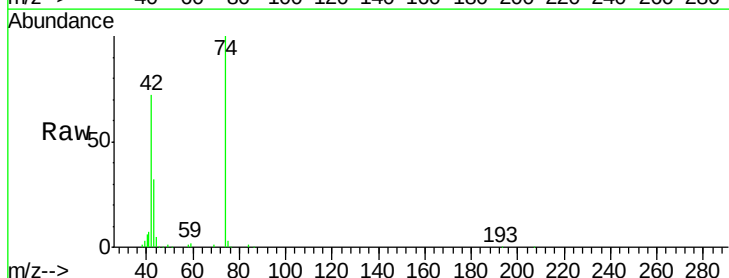
RT: 3.70 min Scan# 105

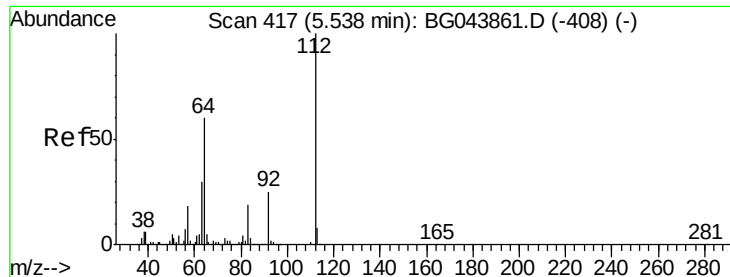
Delta R.T. -0.04 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Tgt Ion:	42	Resp:	106086
Ion	Ratio	Lower	Upper
42	100		
74	139.7	108.6	162.8
44	6.7	5.0	7.6





#5

2-Fluorophenol

Concen: 146.921 ng

RT: 5.51 min Scan# 413

Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

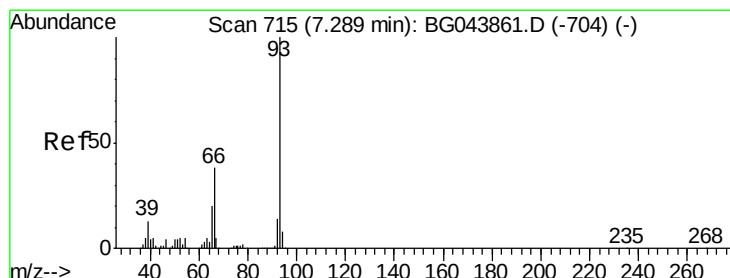
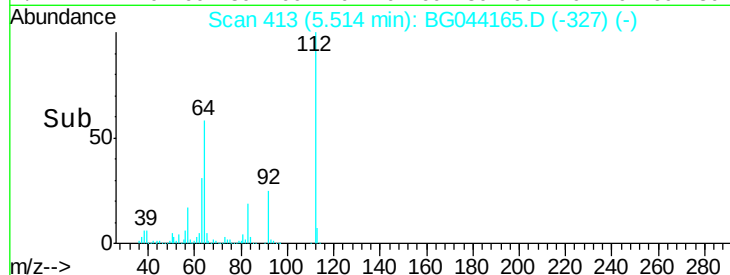
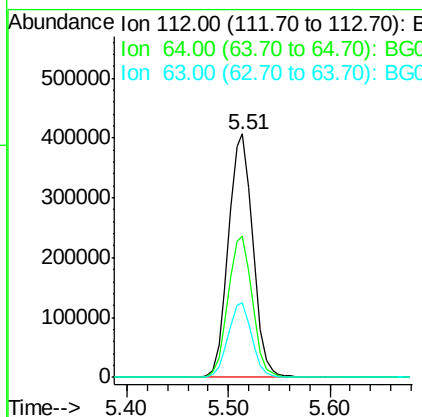
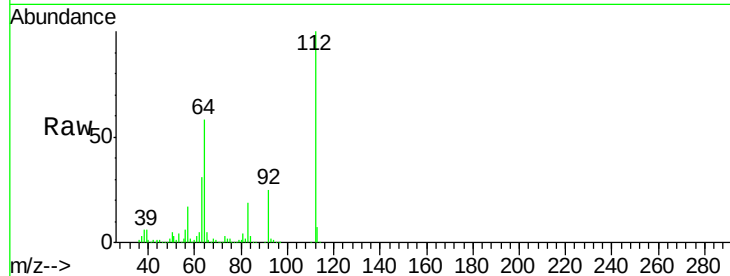
ClientSampled :

PB126284BS

Tot Ion:	112	Resp:	681289
Ion Ratio	Lower	Upper	
112	100		
64	58.0	47.8	71.6
63	30.5	24.3	36.5

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#6

Aniline

Concen: 31.395 ng

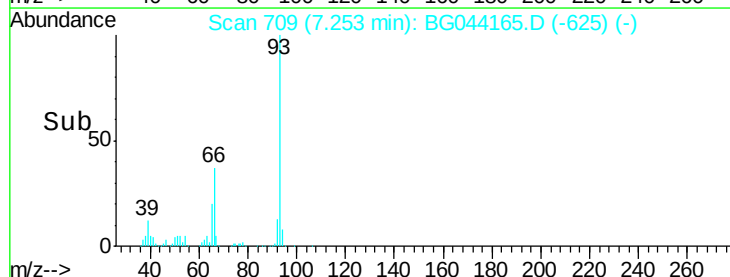
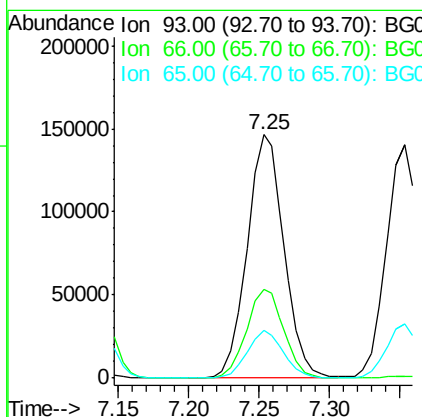
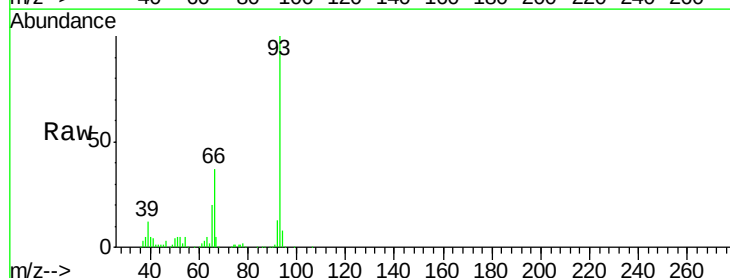
RT: 7.25 min Scan# 709

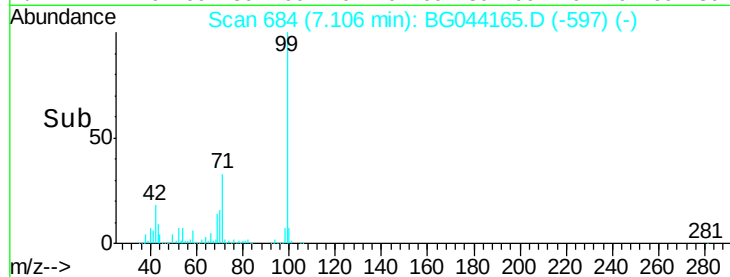
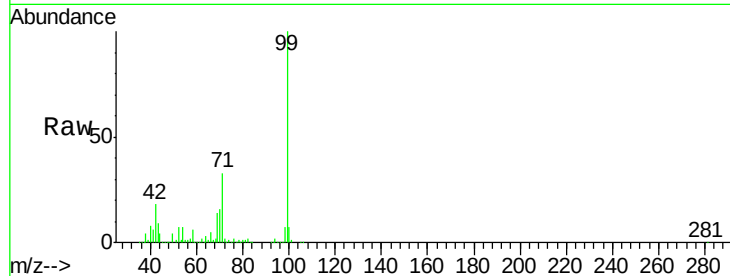
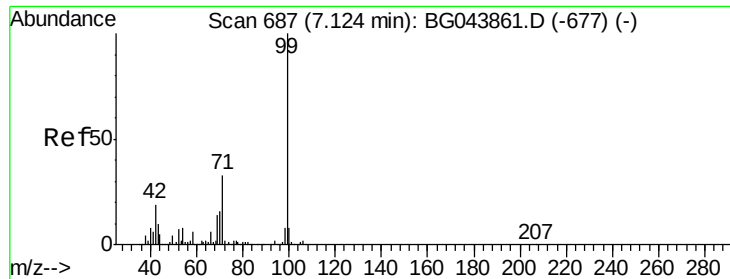
Delta R.T. -0.04 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Tgt Ion:	93	Resp:	267289
Ion Ratio	Lower	Upper	
93	100		
66	36.6	30.8	46.2
65	19.7	16.0	24.0





#7

Phenol-d6

Concen: 138.969 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		900774		
42	18.0	14.9	22.3		
71	32.7	26.4	39.6		

Instrument :

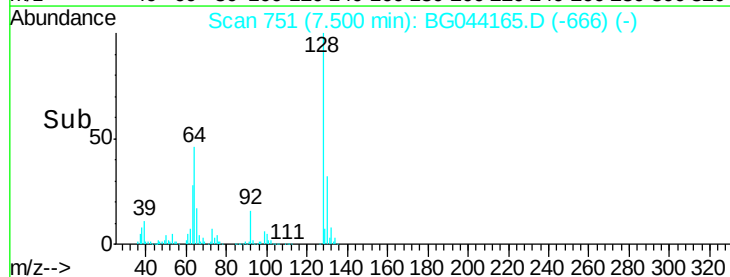
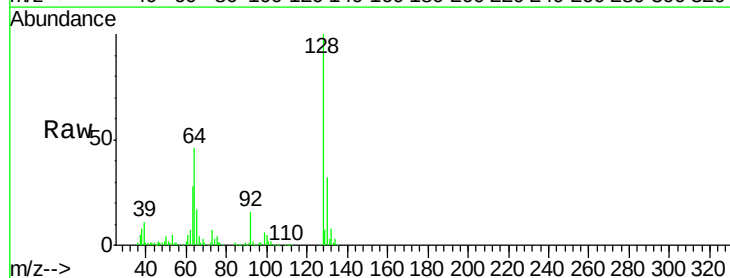
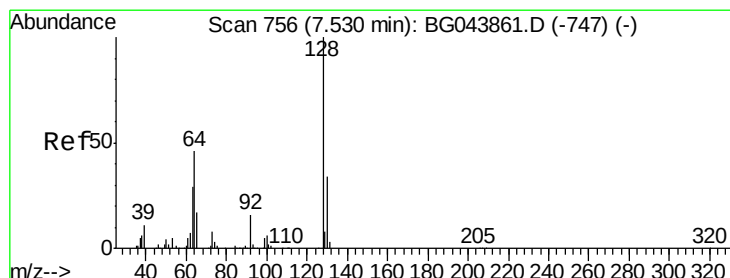
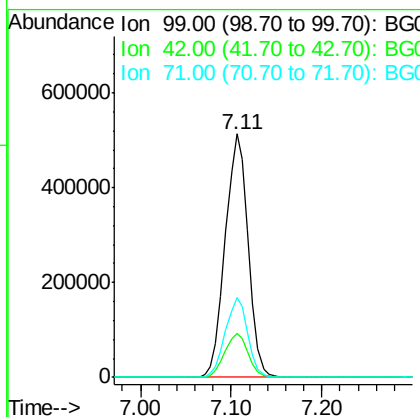
BNA_G

ClientSampleId :

PB126284BS

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#8

2-Chlorophenol

Concen: 46.460 ng

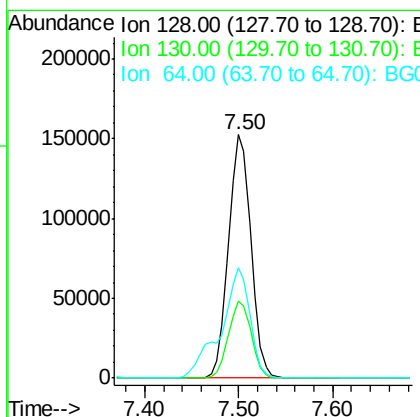
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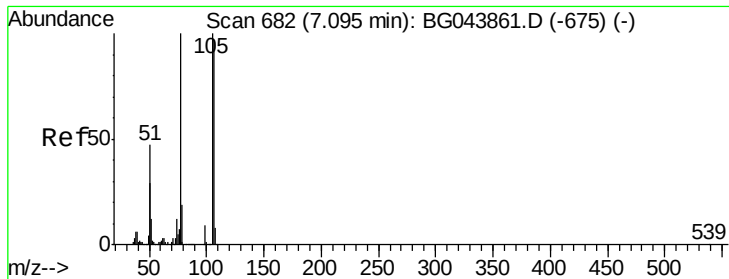
Delta R.T. -0.03 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		252922		
130	31.8	13.8	53.8		
64	45.6	27.6	67.6		





#9

Benzaldehyde

Concen: 30.673 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.03 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

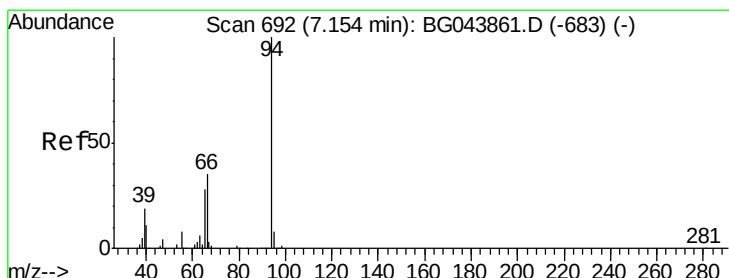
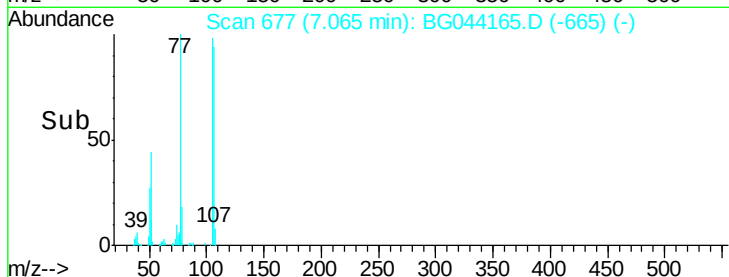
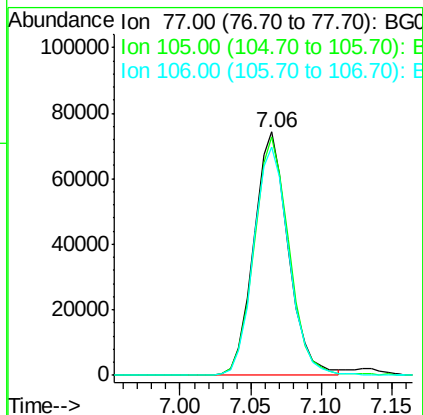
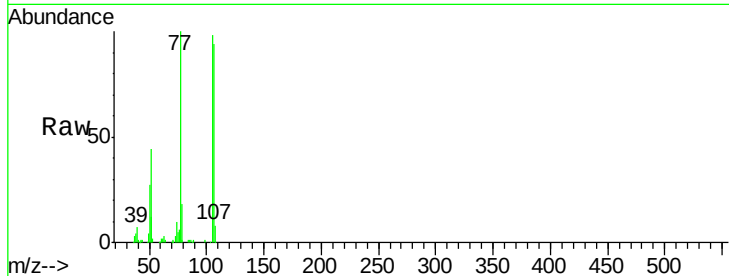
ClientSampleID :

PB126284BS

Tot Ion:	77	Resp:	127246
Ion	Ratio	Lower	Upper
77	100		
105	98.0	80.2	120.2
106	93.6	77.2	117.2

Manual Integrations
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#10

Phenol

Concen: 46.448 ng

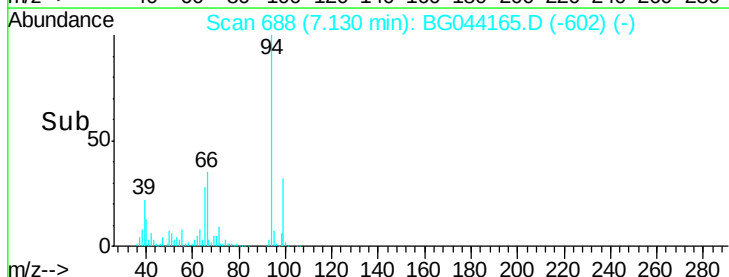
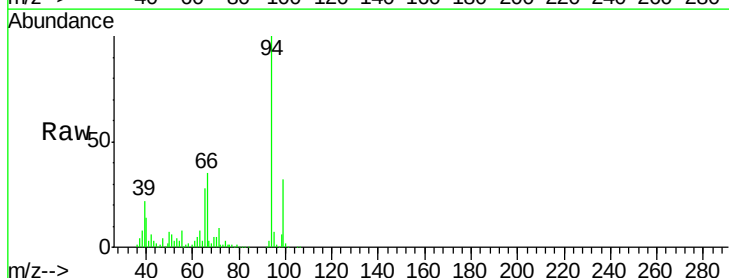
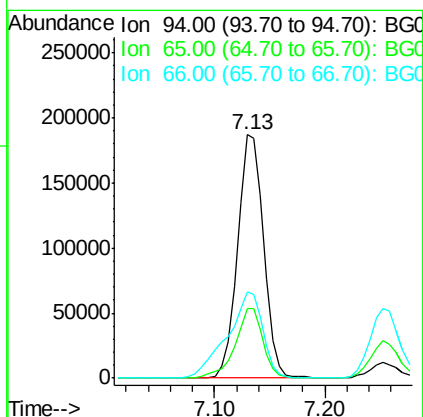
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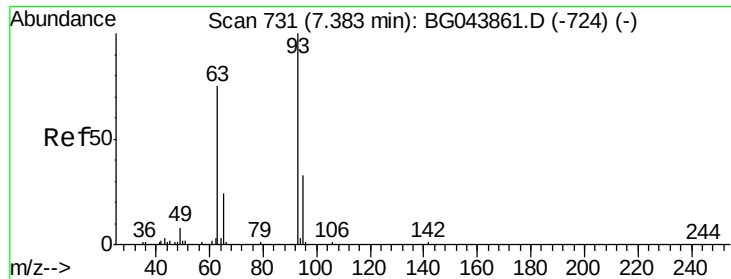
Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Tgt Ion:	94	Resp:	310197
Ion	Ratio	Lower	Upper
94	100		
65	28.4	8.1	48.1
66	35.2	15.6	55.6





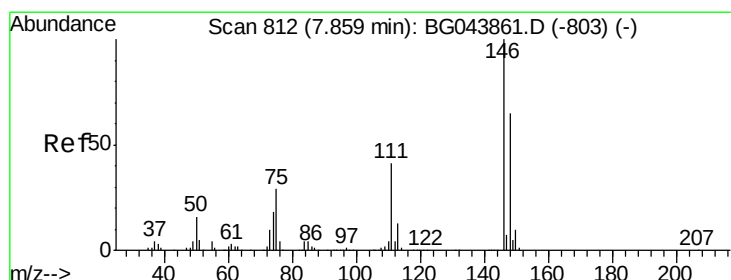
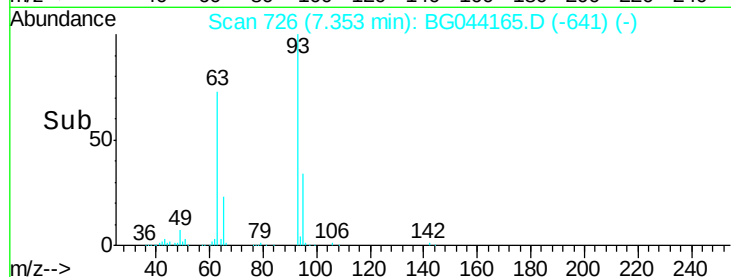
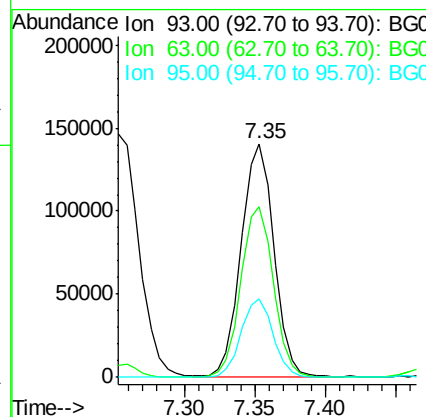
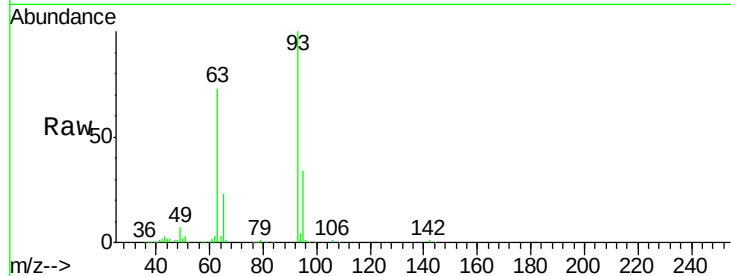
#11
bis(2-Chloroethyl)ether
Concen: 39.384 ng
RT: 7.35 min Scan# 726
Delta R.T. -0.03 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :
PB126284BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	227038		
63	72.9		55.0	95.0
95	33.6		13.3	53.3

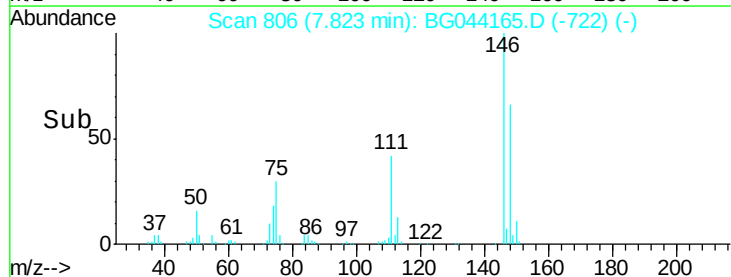
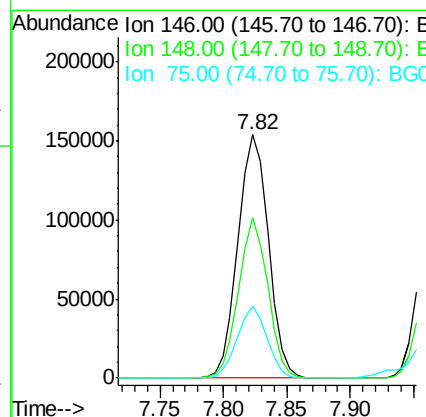
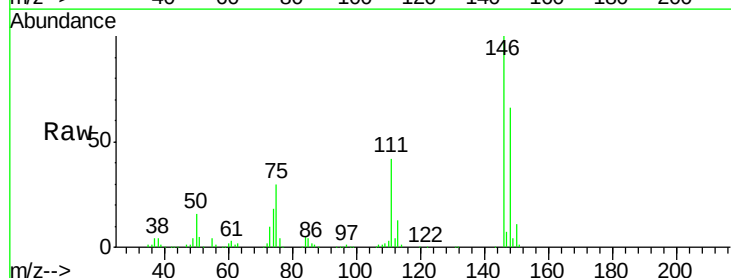
Manual Integrations
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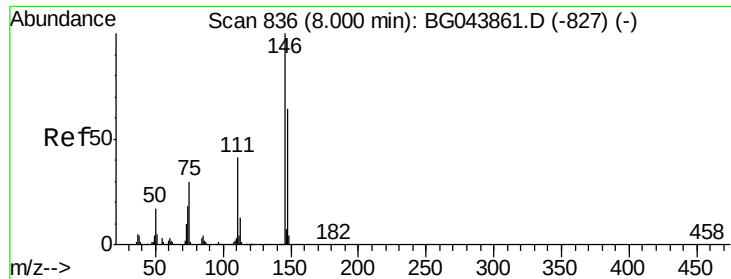
mohammad
1/24/2020 1:53:34 PM



#12
1,3-Dichlorobenzene
Concen: 40.244 ng
RT: 7.82 min Scan# 806
Delta R.T. -0.04 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	256370		
148	66.1		52.1	78.1
75	29.8		23.0	34.4





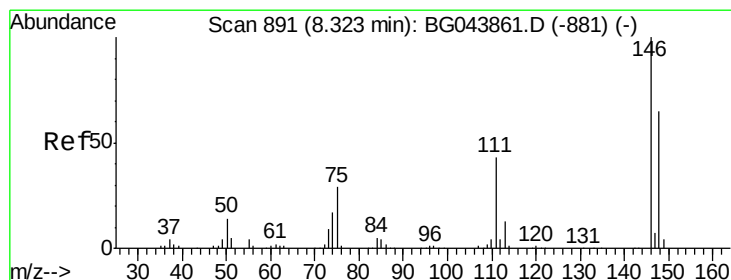
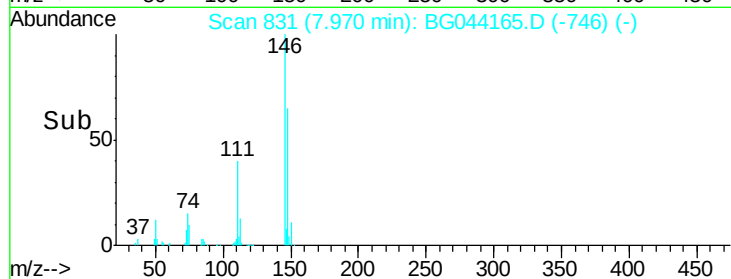
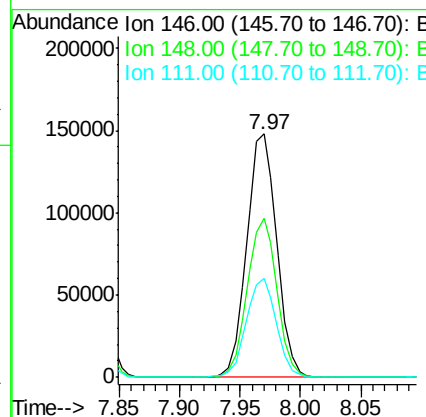
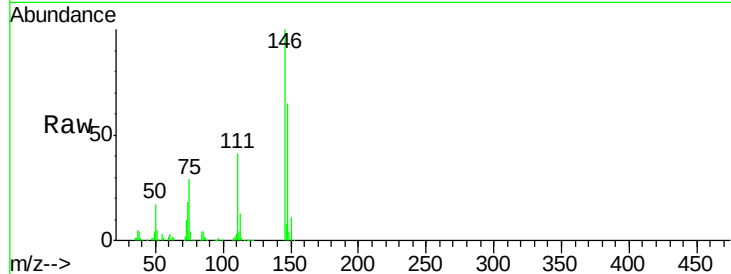
#13
 1,4-Dichlorobenzene
 Concen: 40.678 ng
 RT: 7.97 min Scan# 831
 Delta R.T. -0.03 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

Instrument :
 BNA_G
 ClientSampleId :
 PB126284BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.2	76.8
111	40.5	33.1	49.7

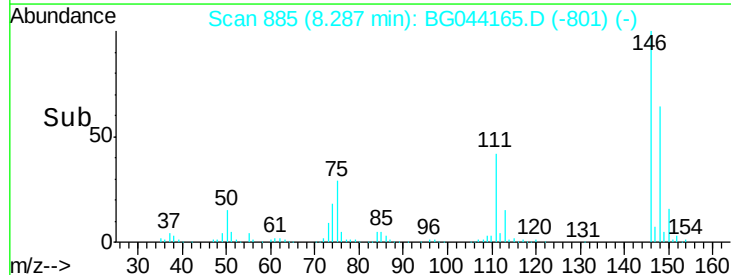
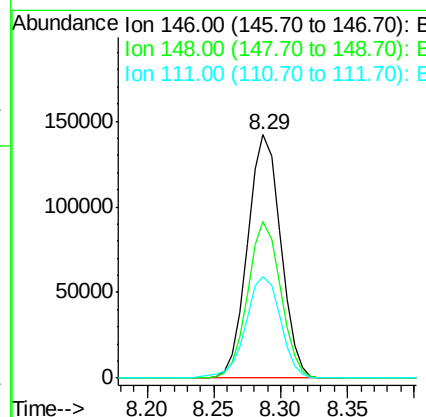
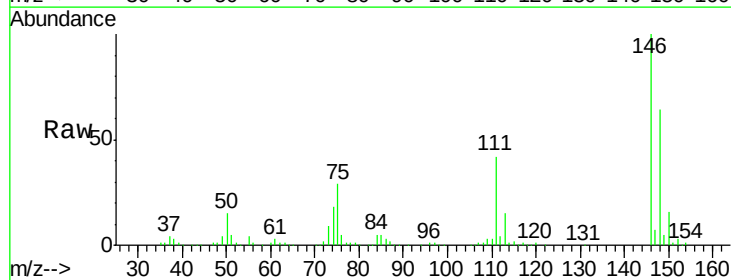
Manual Integrations
 APPROVED

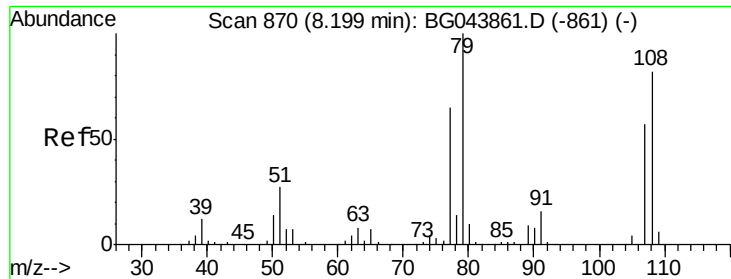
mohammad
 1/24/2020 1:53:34 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.244 ng
 RT: 8.29 min Scan# 885
 Delta R.T. -0.04 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.7	77.5
111	41.8	34.4	51.6





#15

Benzyl Alcohol

Concen: 40.995 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.03 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

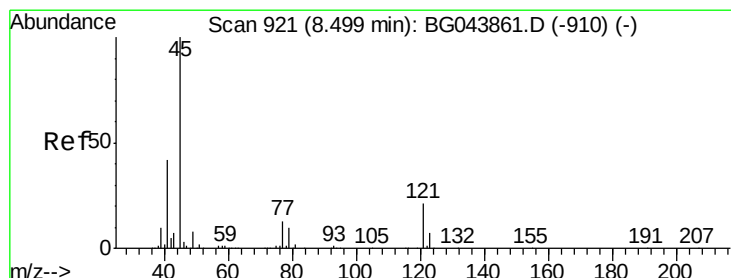
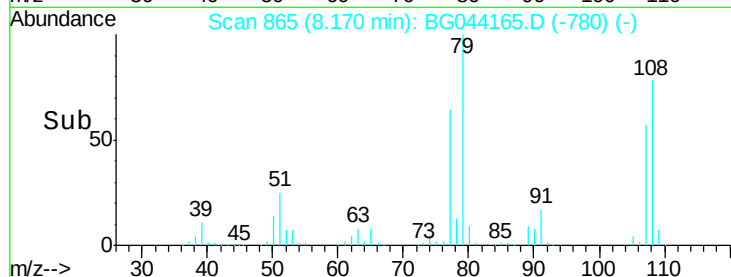
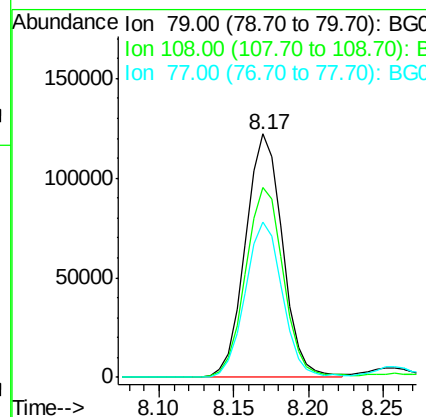
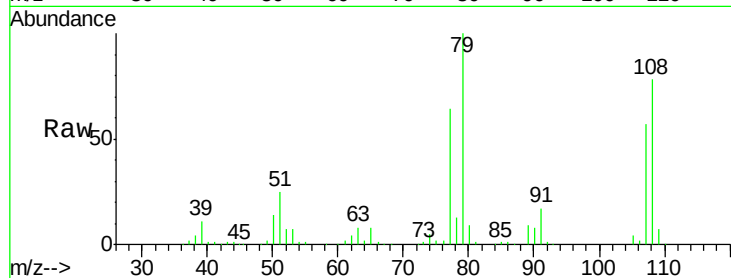
ClientSampleId :

PB126284BS

Tot Ion:	79	Resp:	209714
Ion Ratio	Lower	Upper	
79	100		
108	78.1	65.6	98.4
77	63.9	52.0	78.0

Manual Integrations
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1/24/2020 1:53:34 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.631 ng

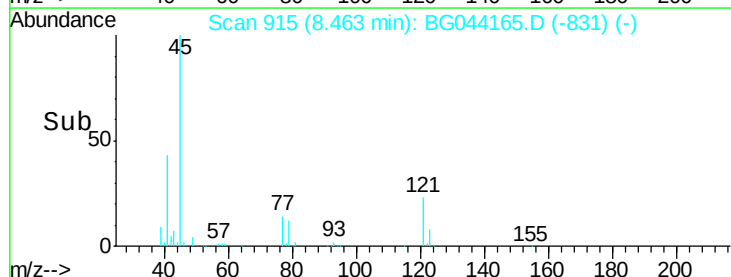
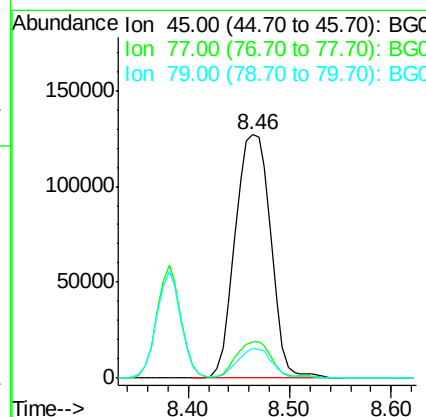
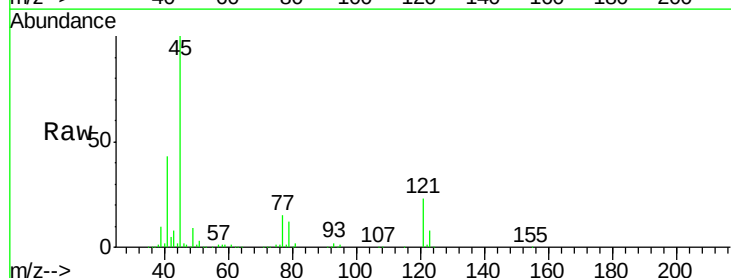
RT: 8.46 min Scan# 915

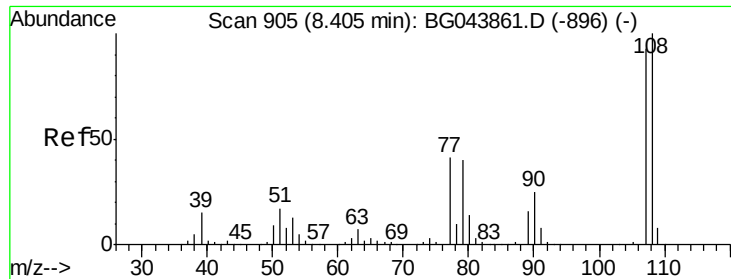
Delta R.T. -0.04 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Tgt Ion:	45	Resp:	308866
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	33.8
79	12.2	0.0	31.0





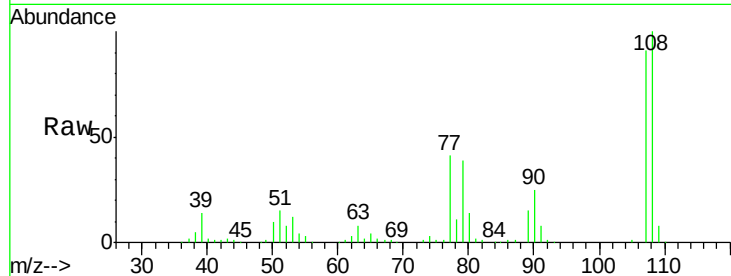
#17
2-Methylphenol
Concen: 45.520 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.02 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :
PB126284BS

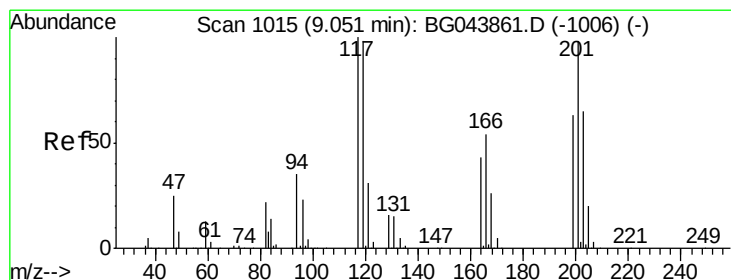
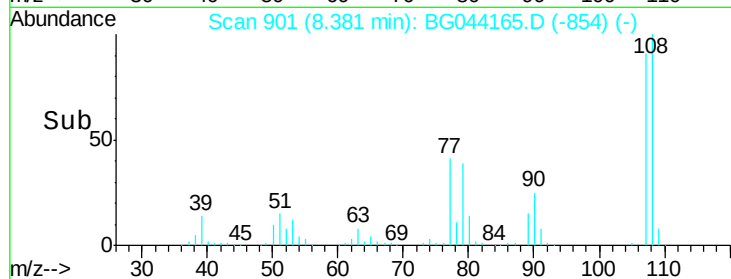
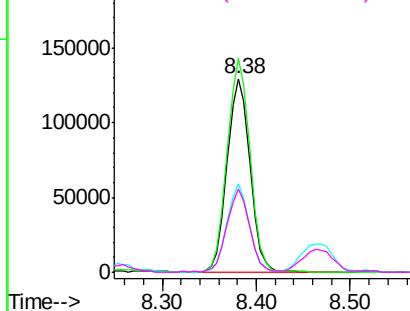
Tot Ion	107	Resp	219992
Ion Ratio	Lower	Upper	
107	100		
108	110.2	86.1	129.1
77	45.7	35.4	53.0
79	43.0	34.8	52.2

Manual Integrations
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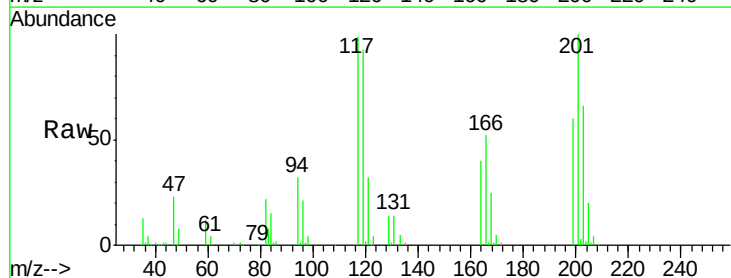


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

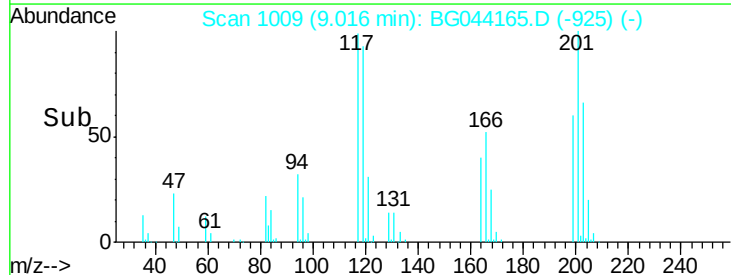
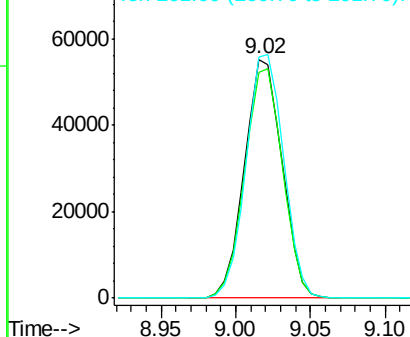


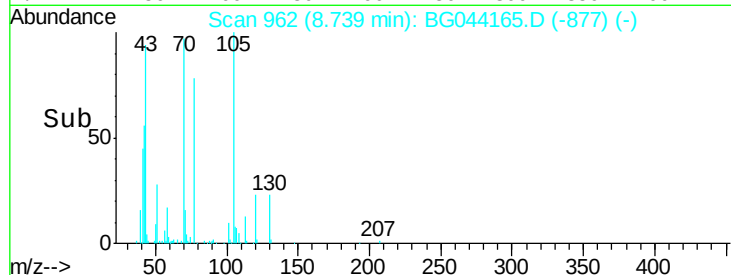
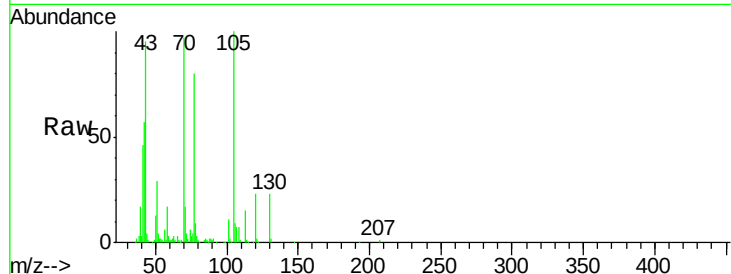
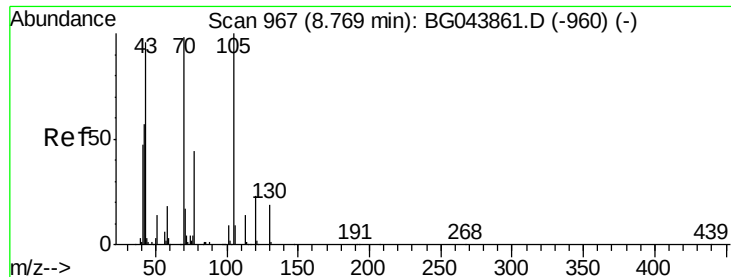
#18
Hexachloroethane
Concen: 39.294 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.04 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion	117	Resp	96106
Ion Ratio	Lower	Upper	
117	100		
119	94.3	78.1	117.1
201	101.1	78.6	117.8



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





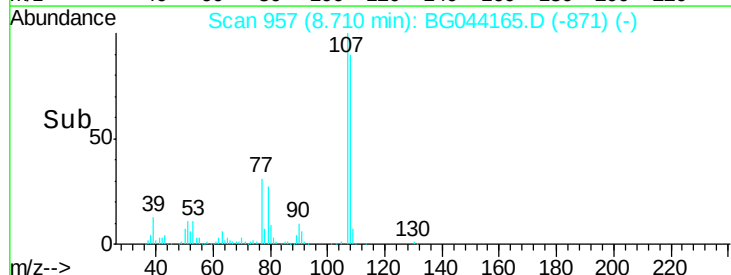
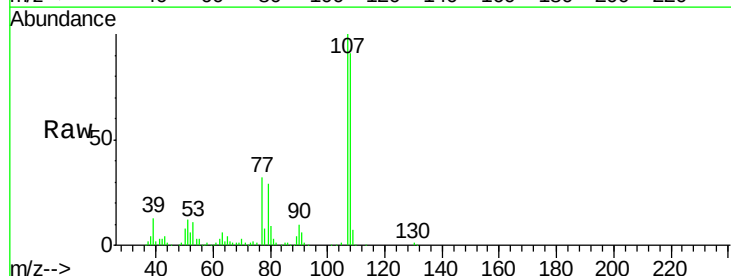
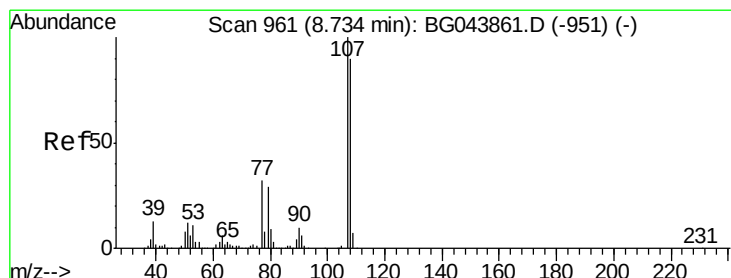
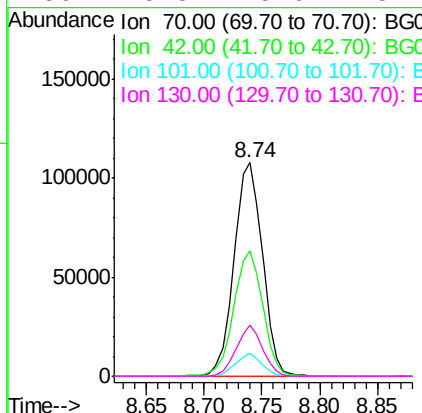
#19
n-Nitroso-di-n-propylamine
Concen: 37.914 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.03 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :
PB126284BS

Tot Ion	Ion	Ratio	Lower	Upper
183017	70	100		
	42	58.8	47.0	70.4
	101	11.0	7.2	10.8
	130	23.8	15.6	23.4

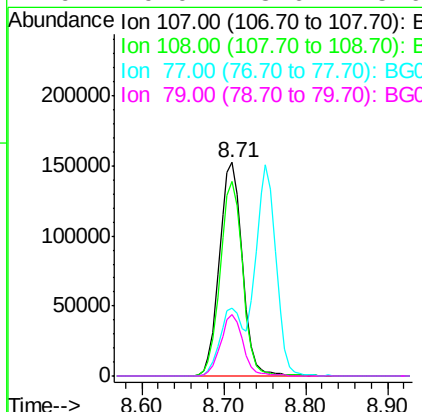
Manual Integrations
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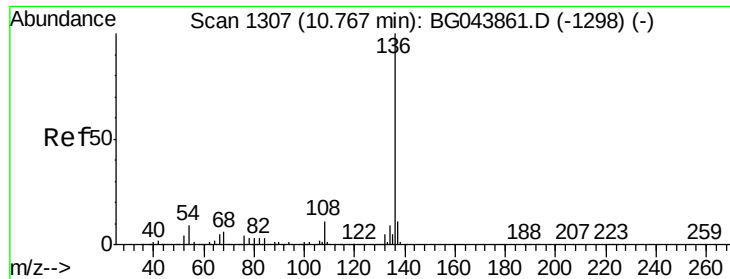
mohammad
1/24/2020 1:53:34 PM



#20
3+4-Methylphenols
Concen: 44.192 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.02 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion	Ion	Ratio	Lower	Upper
297938	107	100		
	108	90.8	70.3	110.3
	77	32.1	12.4	52.4
	79	29.0	8.6	48.6





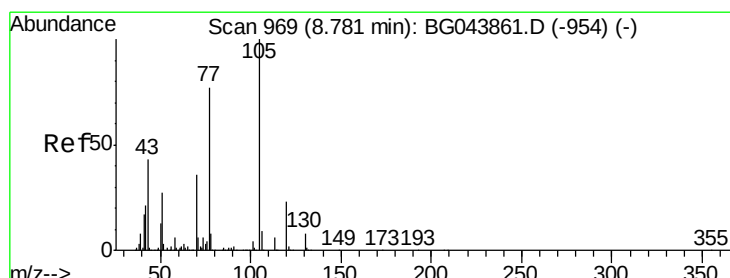
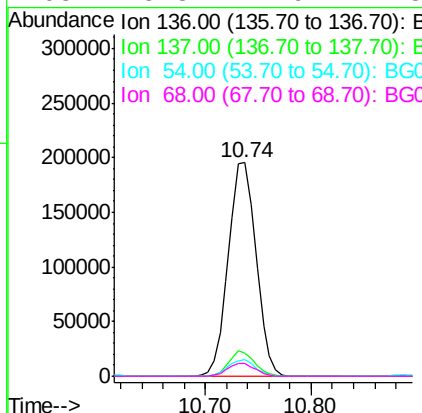
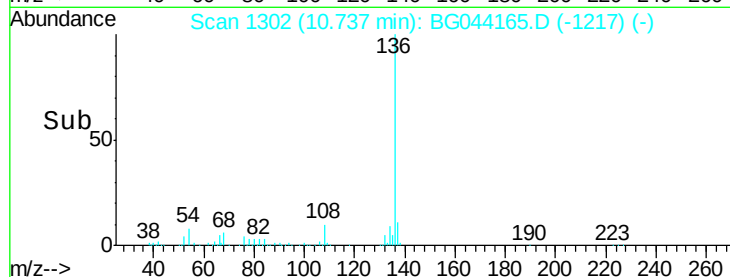
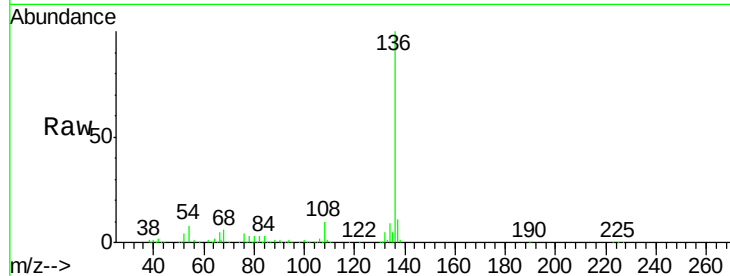
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :
PB126284BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		355277		
137	11.1	8.8	13.2		
54	7.6	7.0	10.4		
68	5.8	4.9	7.3		

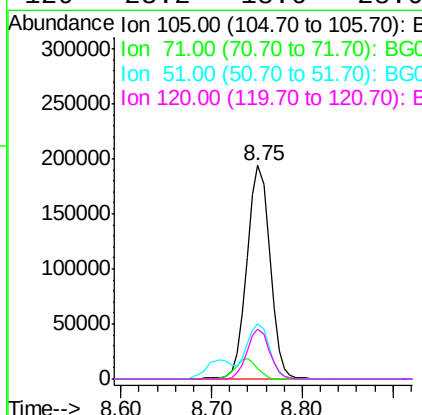
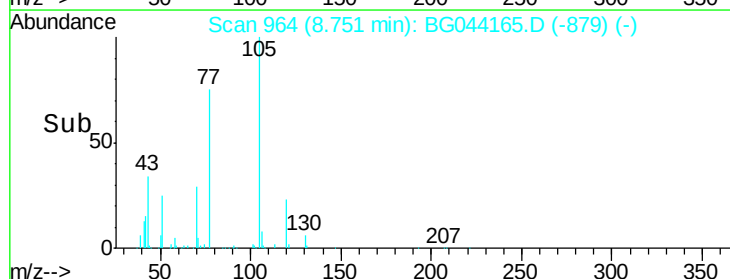
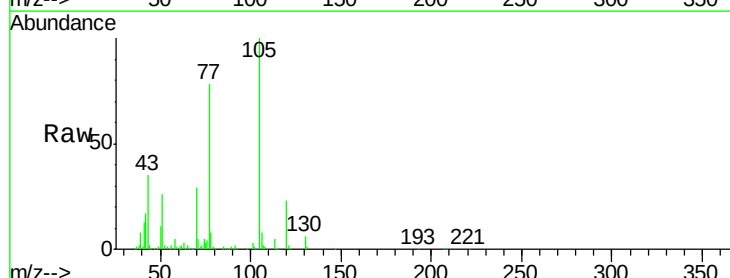
Manual Integrations
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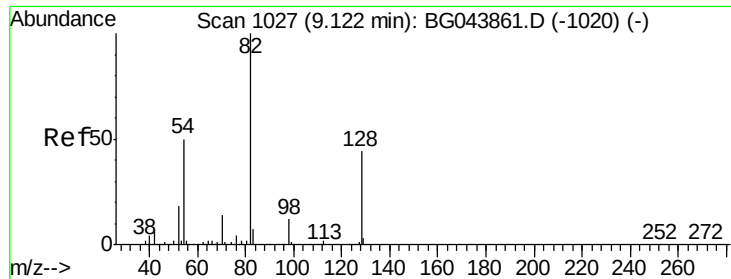
mohammad
1/24/2020 1:53:34 PM



#22
Acetophenone
Concen: 38.971 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.03 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		344210		
71	4.8	4.8	7.2		
51	25.8	21.4	32.0		
120	23.2	18.6	28.0		





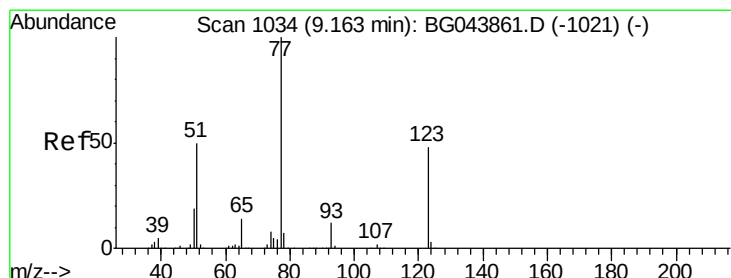
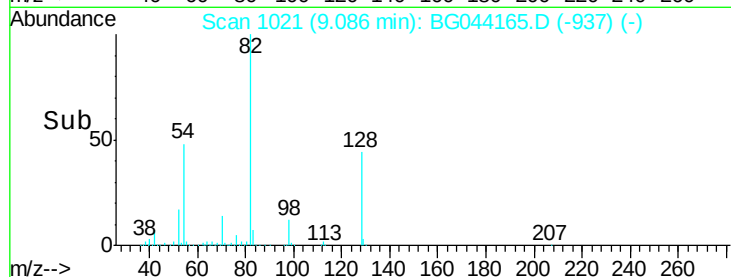
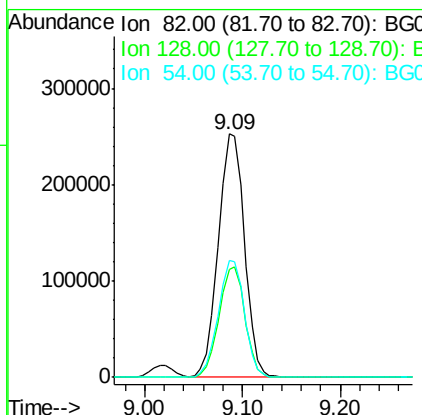
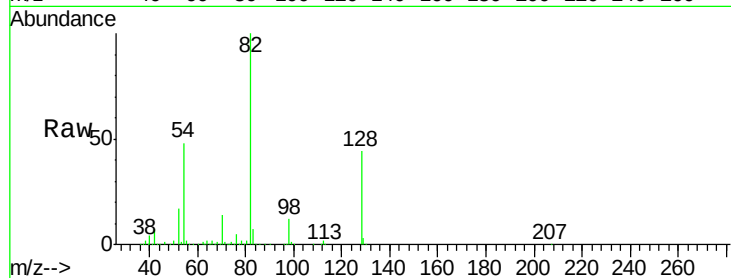
#23
Nitrobenzene-d5
Concen: 70.968 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :
PB126284BS

Tot Ion	82	Resp	471313
Ion Ratio	100	Lower	Upper
82	100		
128	44.3	35.1	52.7
54	47.8	40.1	60.1

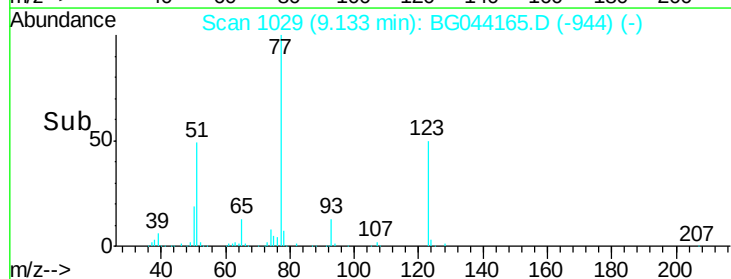
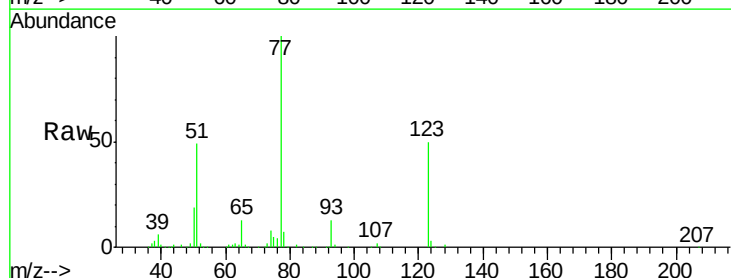
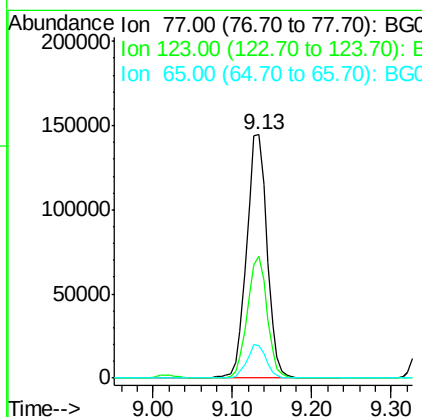
Manual Integrations
APPROVED

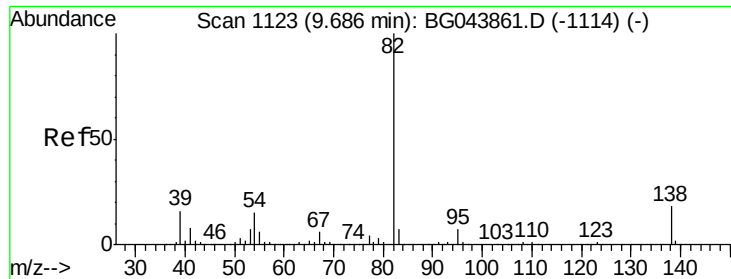
mohammad
1/24/2020 1:53:34 PM



#24
Nitrobenzene
Concen: 39.564 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion	77	Resp	260237
Ion Ratio	100	Lower	Upper
77	100		
123	50.0	38.7	58.1
65	13.3	11.1	16.7





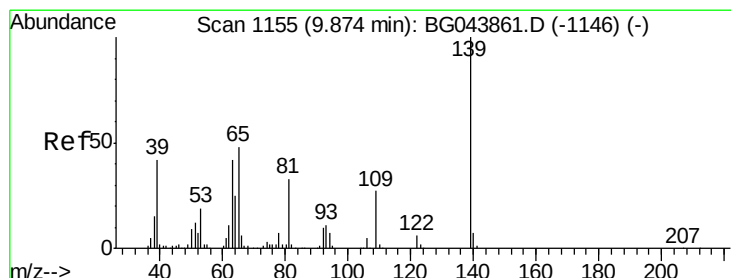
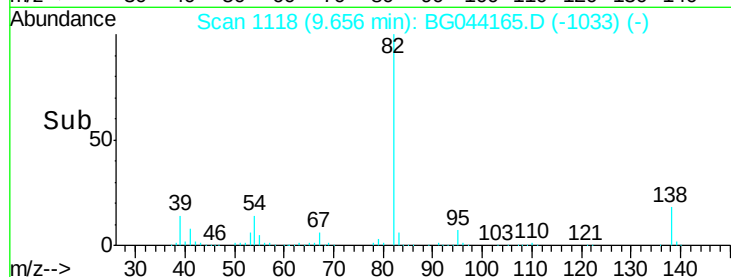
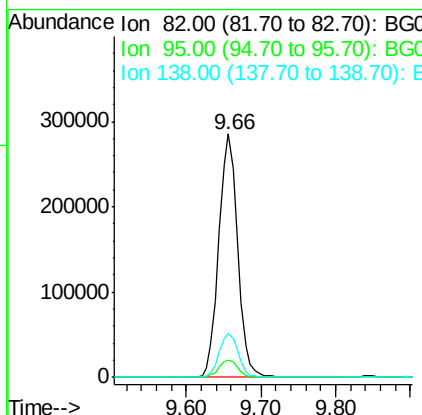
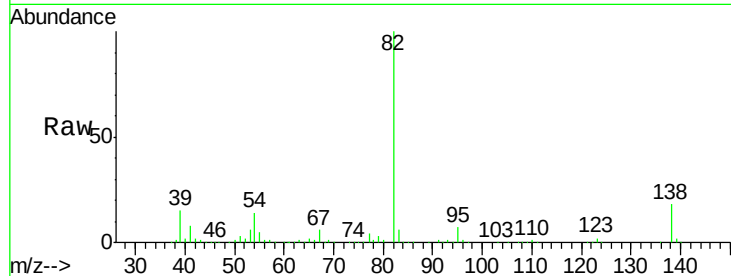
#25
Isophorone
Concen: 40.270 ng
RT: 9.66 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :
PB126284BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.6
138	18.0	14.6	22.0

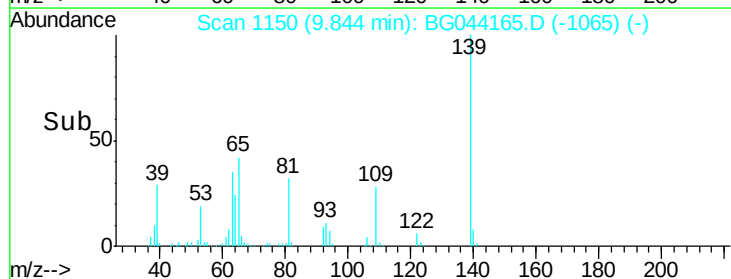
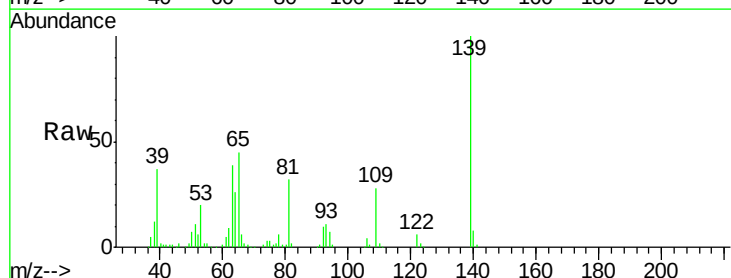
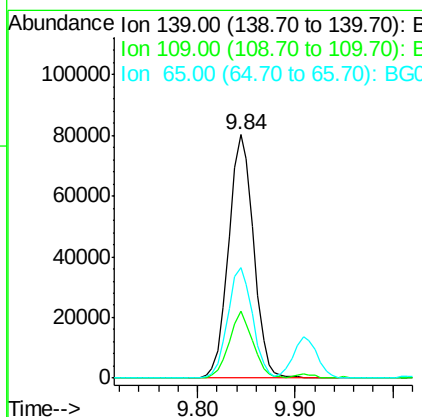
Manual Integrations
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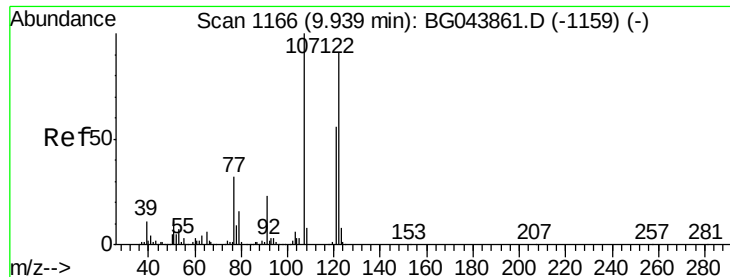
mohammad
1/24/2020 1:53:34 PM



#26
2-Nitrophenol
Concen: 45.815 ng
RT: 9.84 min Scan# 1150
Delta R.T. -0.03 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.5	21.3	31.9
65	45.1	38.6	57.8





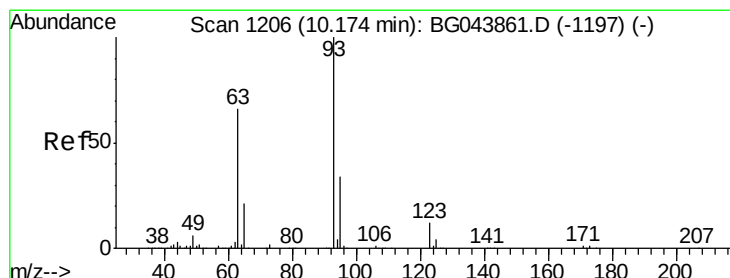
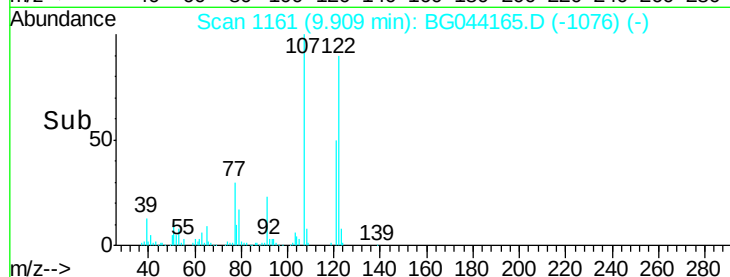
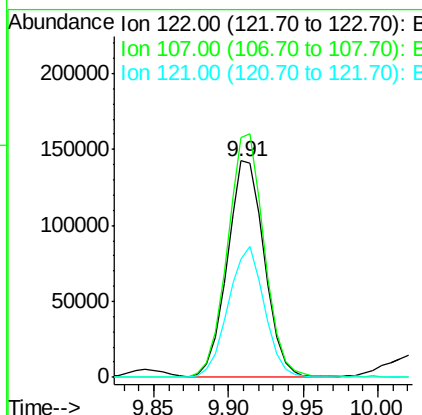
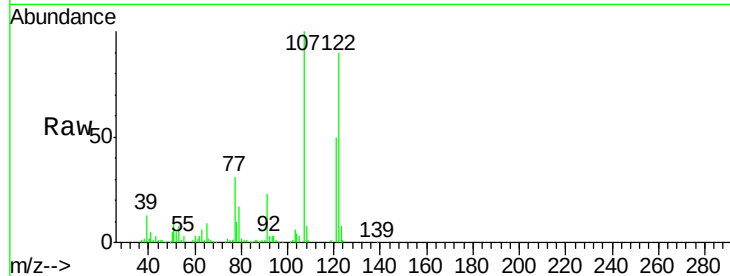
#27
 2,4-Dimethylphenol
 Concen: 52.340 ng
 RT: 9.91 min Scan# 1161
 Delta R.T. -0.03 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

Instrument :
 BNA_G
 ClientSampleId :
 PB126284BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	245183		
107	110.8	88.0	132.0	
121	54.9	49.0	73.4	

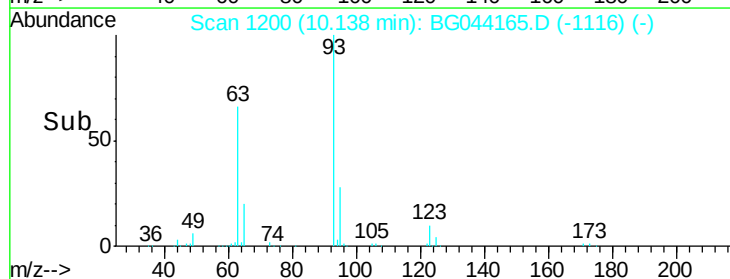
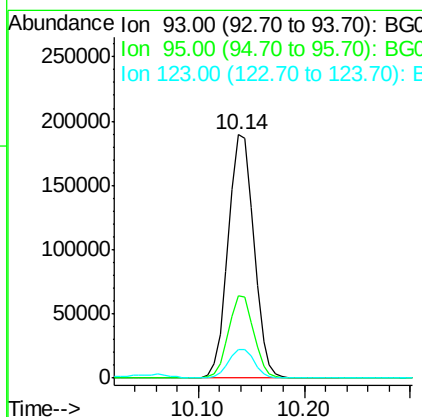
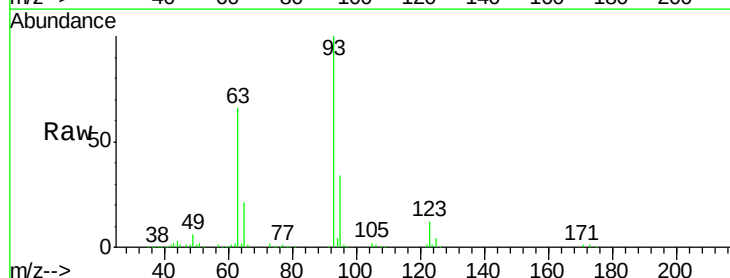
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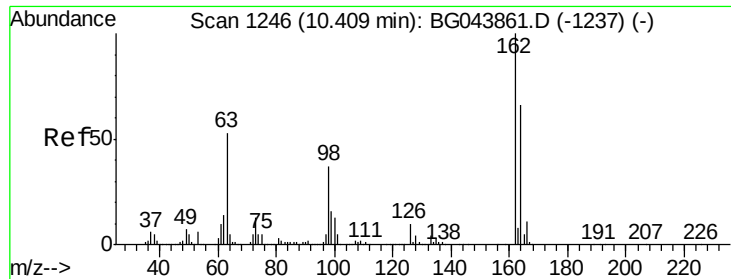
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.501 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.04 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	319811		
95	33.7	27.2	40.8	
123	11.5	9.7	14.5	





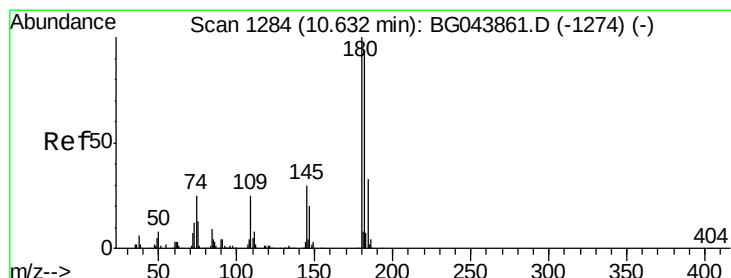
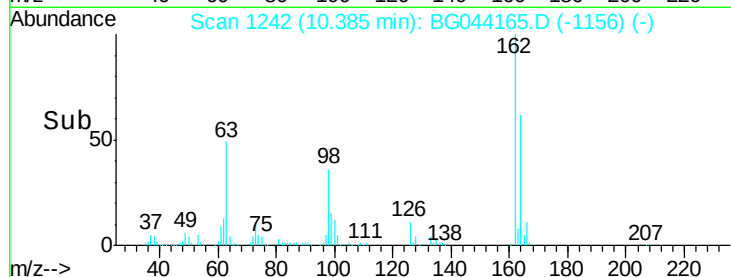
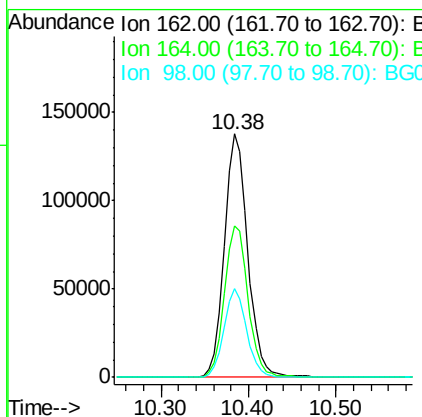
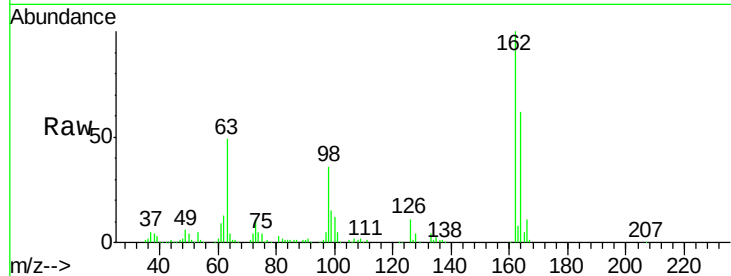
#29
 2,4-Dichlorophenol
 Concen: 45.353 ng
 RT: 10.38 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

Instrument :
 BNA_G
 ClientSampleId :
 PB126284BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	253418		
164	62.2	46.3	86.3	
98	36.4	17.3	57.3	

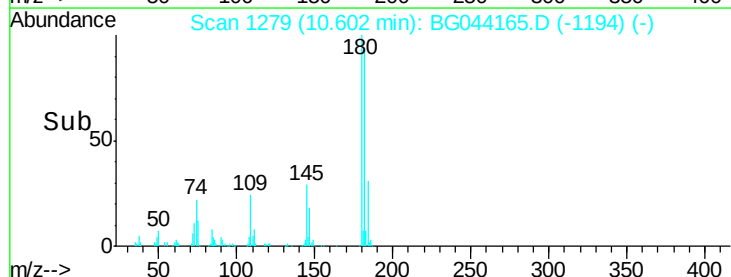
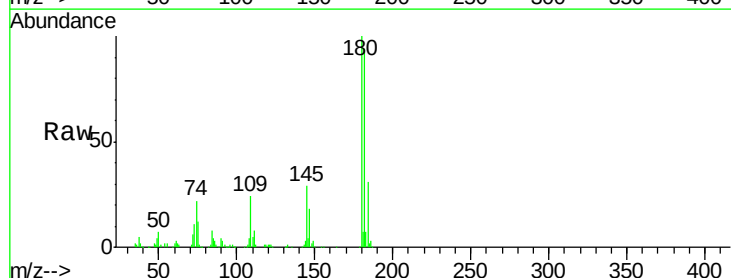
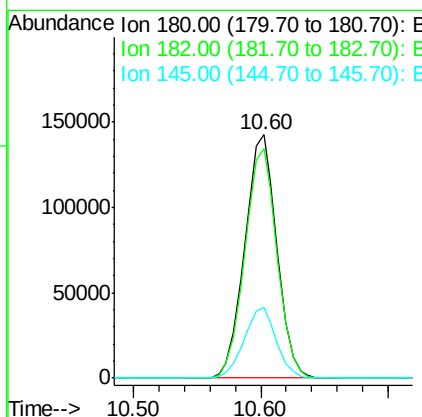
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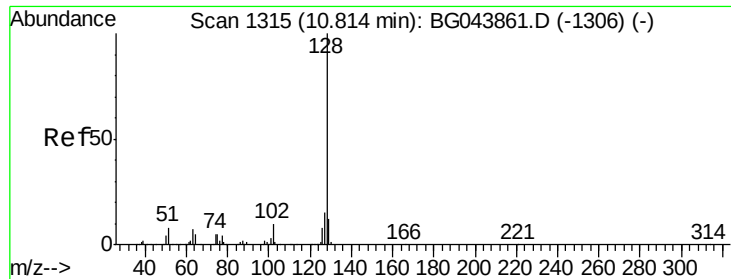
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.825 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.03 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	249512		
182	94.4	75.0	112.4	
145	29.0	24.2	36.4	





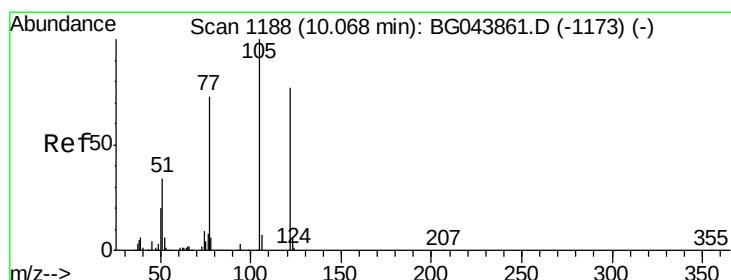
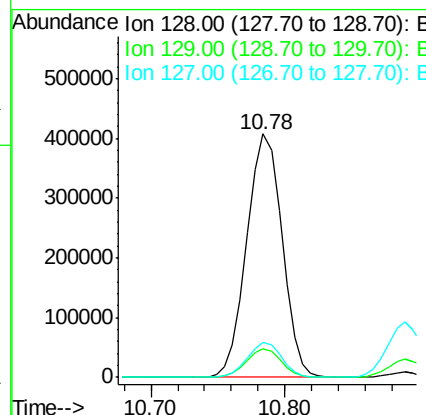
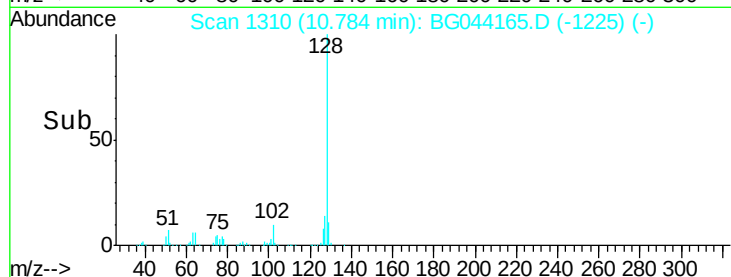
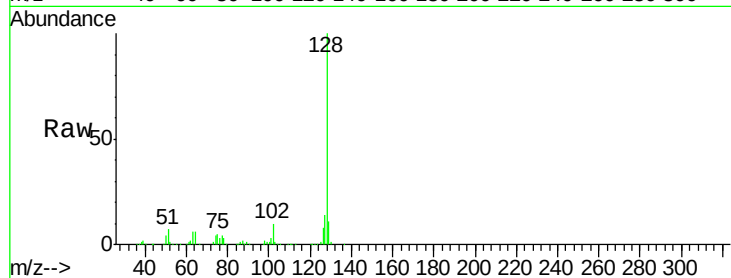
#31
Naphthalene
Concen: 43.399 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampled :
PB126284BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.8	14.6
127	14.3	12.0	18.0

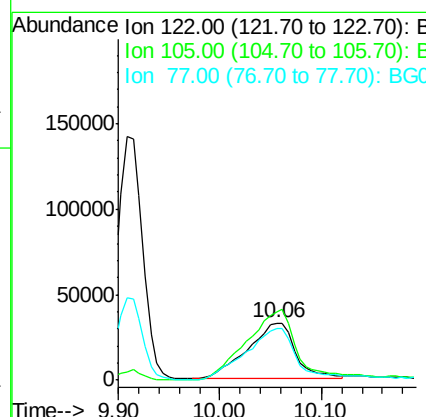
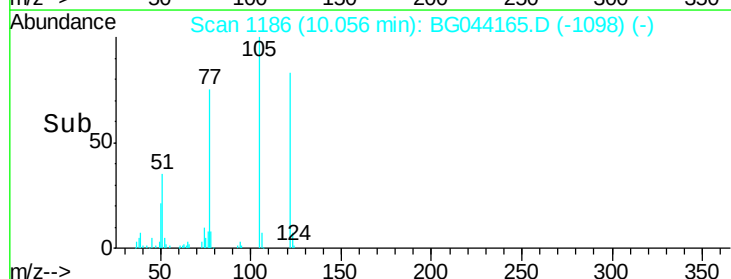
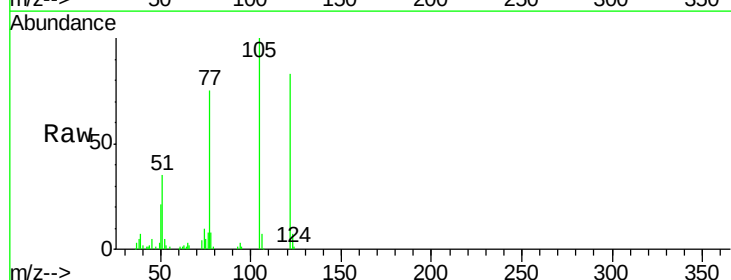
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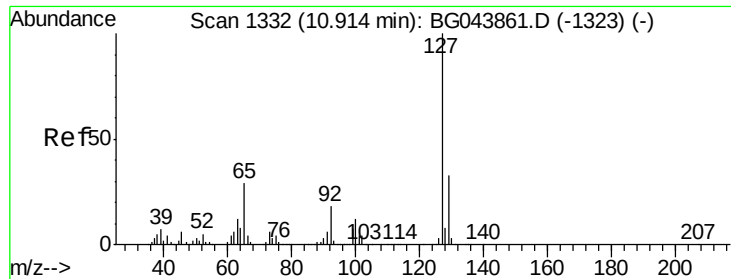
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#32
Benzoic acid
Concen: 31.005 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.2	106.4	146.4
77	90.4	74.6	114.6





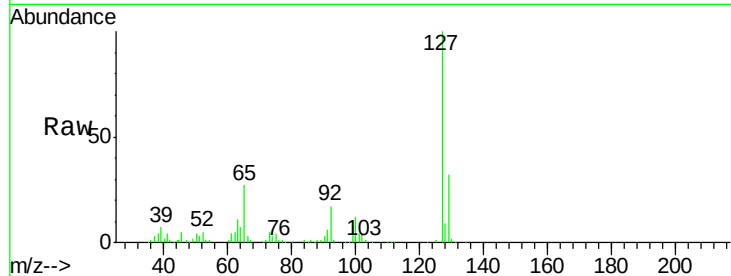
#33
4-Chloroaniline
Concen: 21.966 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :
PB126284BS

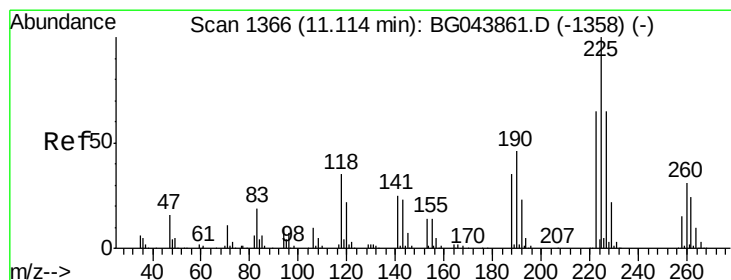
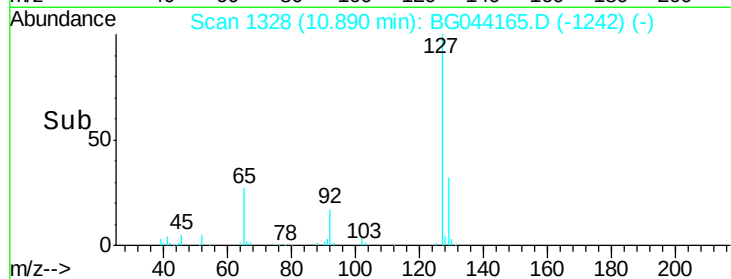
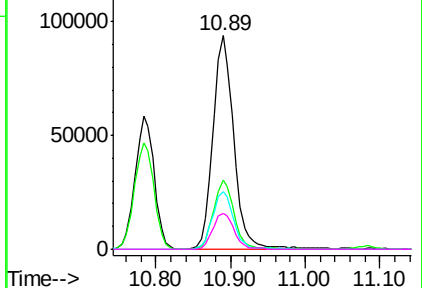
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	26.6	40.0	
65	27.1	23.3	34.9	
92	16.8	14.7	22.1	

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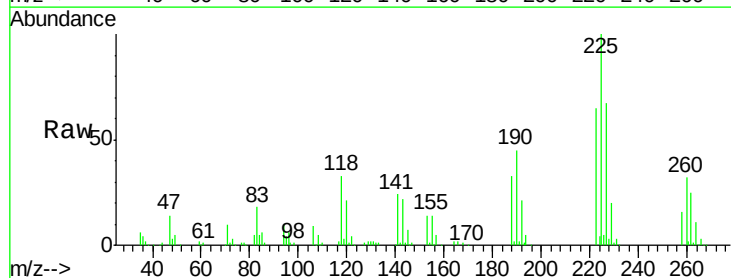


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

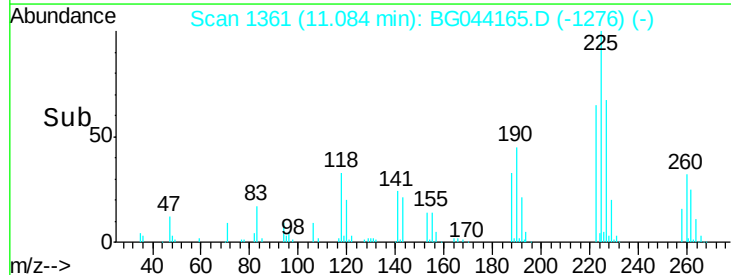
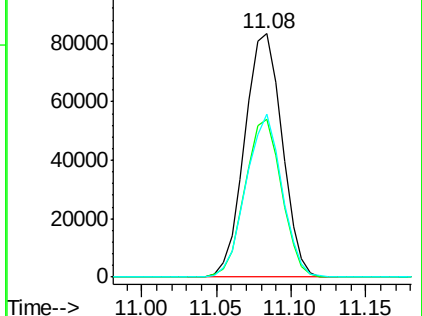


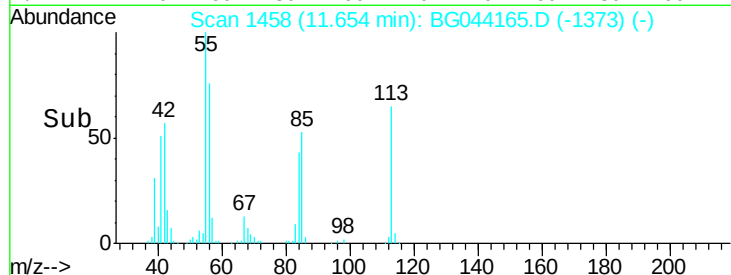
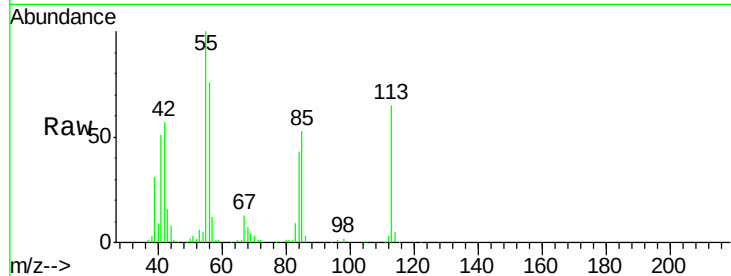
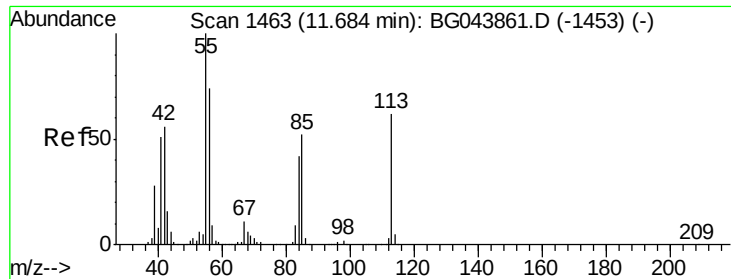
#34
Hexachlorobutadiene
Concen: 37.839 ng
RT: 11.08 min Scan# 1361
Delta R.T. -0.03 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.7	52.2	78.4	
227	67.0	52.1	78.1	



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: 43.974 ng/mL

RT: 11.65 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleID :

PB126284BS

Tot Ion:113 Resp: 91471

Ion Ratio Lower Upper

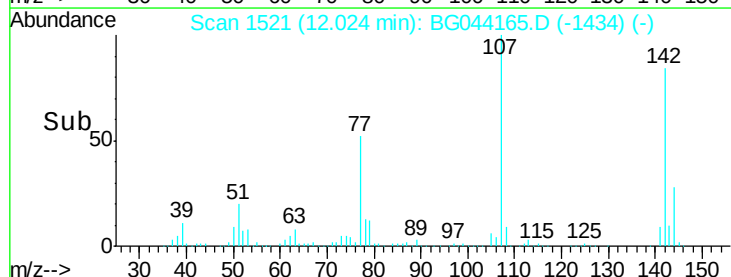
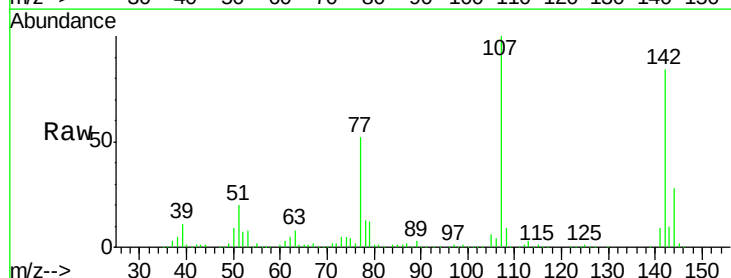
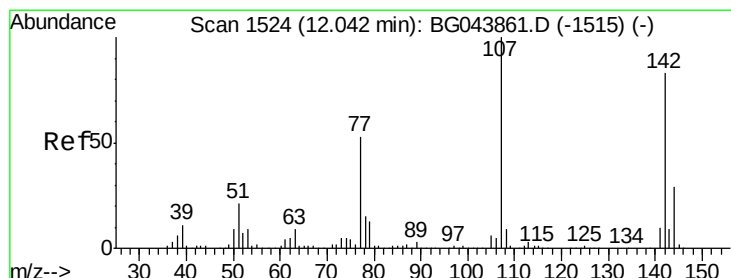
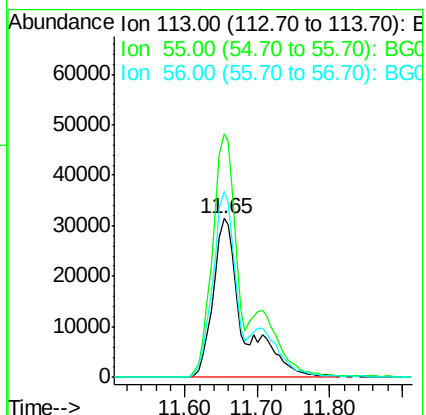
113 100

55 153.6 142.5 182.5

56 117.0 101.4 141.4

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#36

4-Chloro-3-methylphenol

Concen: 45.663 ng/mL

RT: 12.02 min Scan# 1521

Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

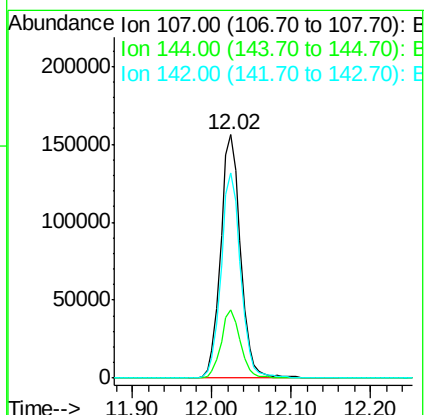
Tgt Ion:107 Resp: 271626

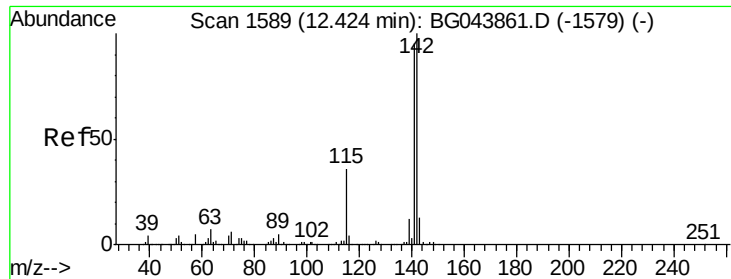
Ion Ratio Lower Upper

107 100

144 27.8 23.4 35.2

142 84.2 66.3 99.5





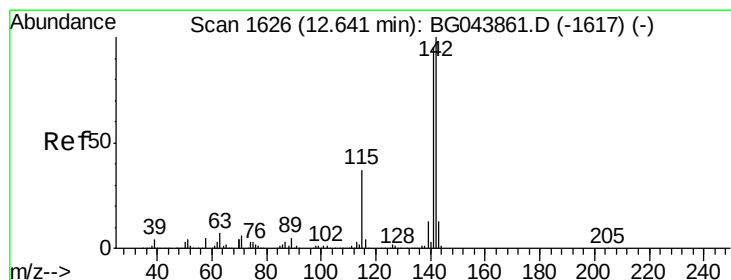
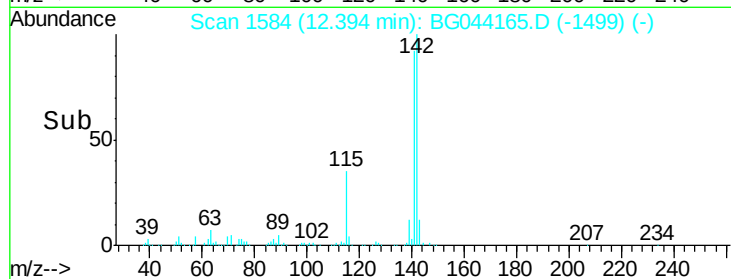
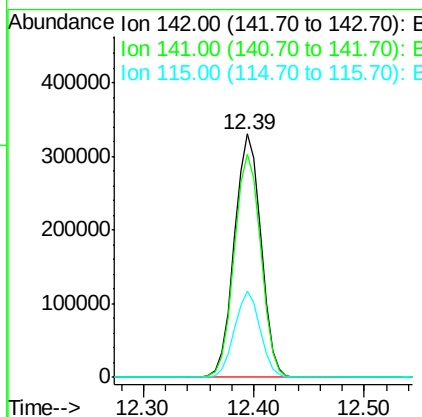
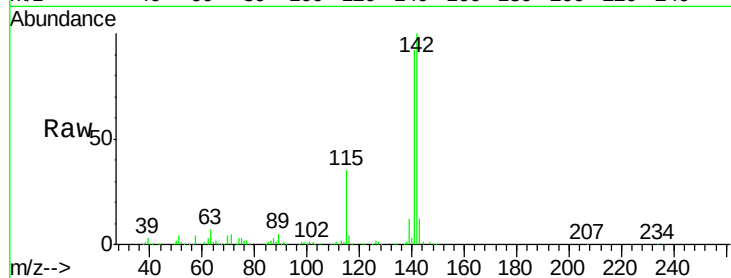
#37
2-Methylnaphthalene
Concen: 43.364 ng
RT: 12.39 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :
PB126284BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	75.8	113.8
115	35.3	28.6	42.8

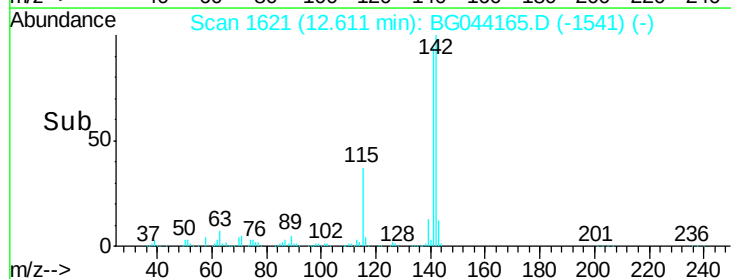
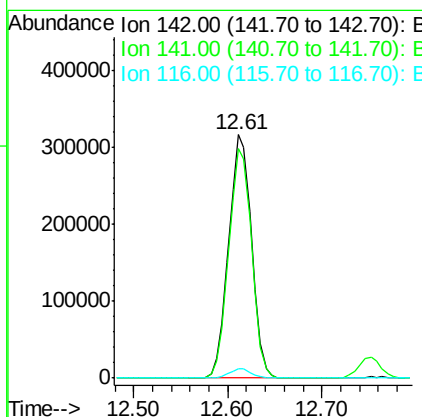
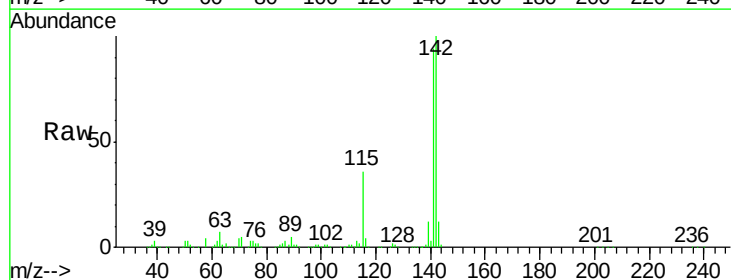
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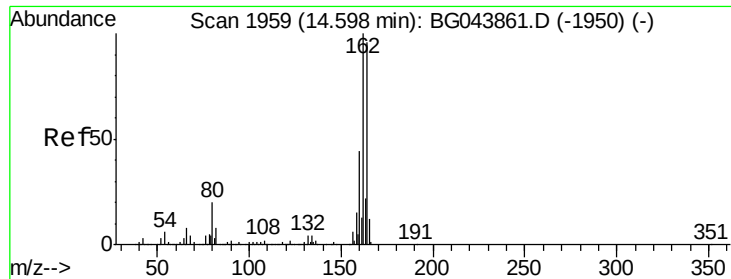
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#38
1-Methylnaphthalene
Concen: 43.549 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.03 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	76.0	114.0
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

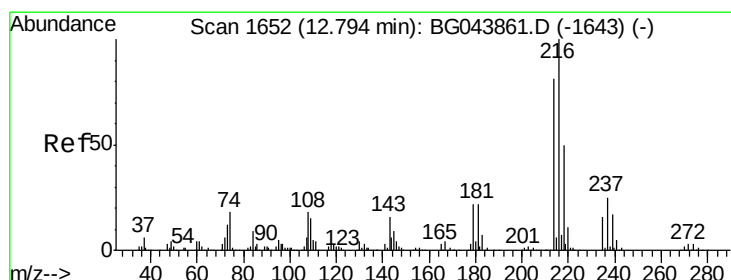
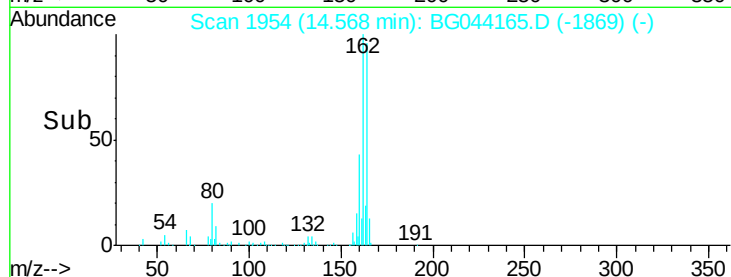
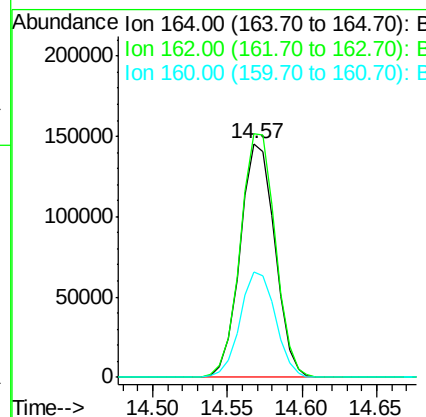
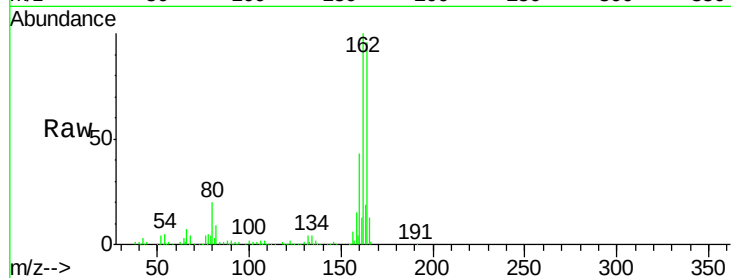
ClientSampleId :

PB126284BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.1	83.0	124.4	
160	45.1	36.1	54.1	

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.919 ng

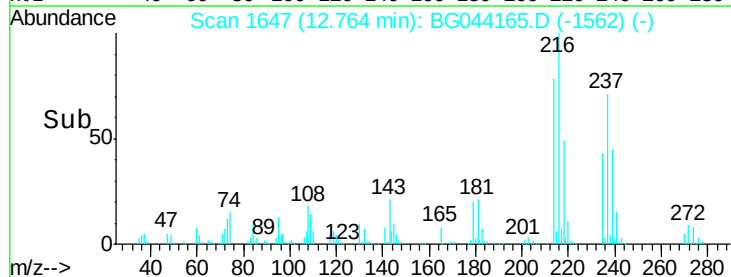
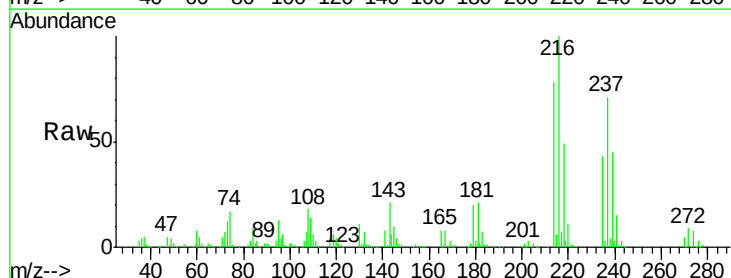
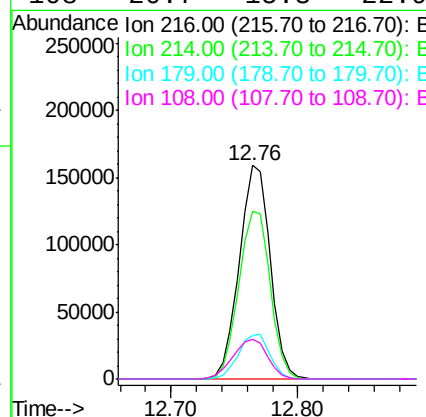
RT: 12.76 min Scan# 1647

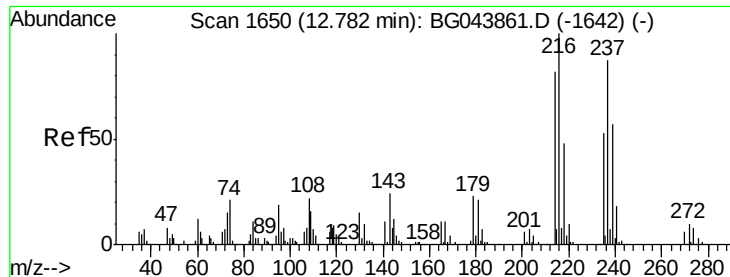
Delta R.T. -0.03 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.0	63.8	95.8	
179	21.1	17.3	25.9	
108	20.7	15.3	22.9	





#41

Hexachlorocyclopentadiene

Concen: 99.446 ng

RT: 12.75 min Scan# 1645

Delta R.T. -0.03 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

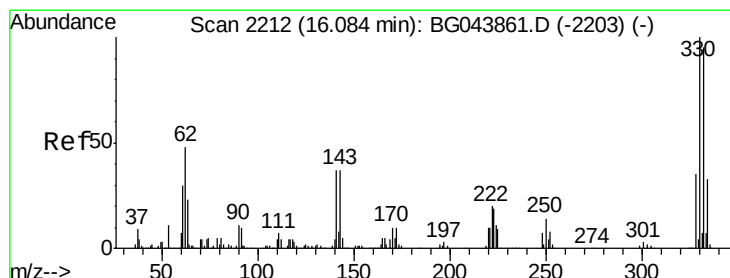
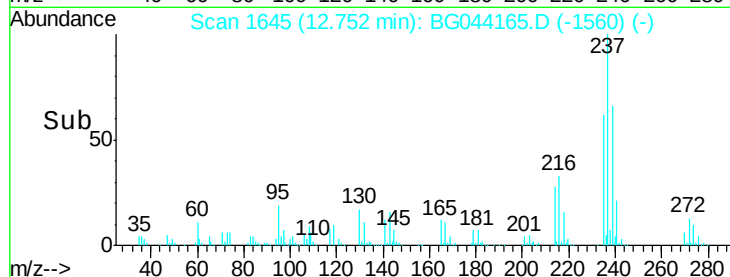
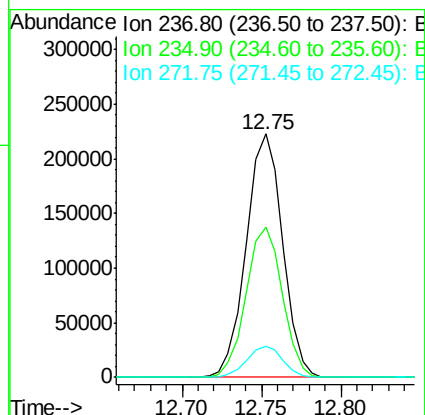
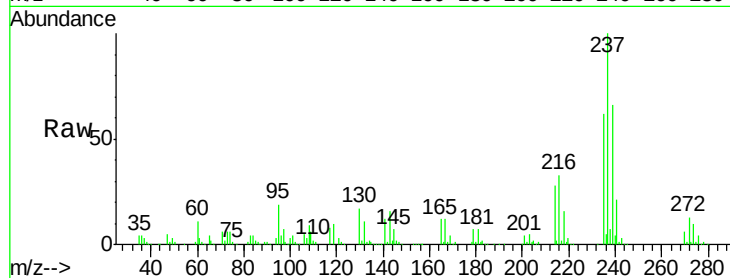
ClientSampleId :

PB126284BS

Tot Ion:	237	Resp:	354843
Ion Ratio	Lower	Upper	
237	100		
235	61.7	41.1	81.1
272	13.0	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 135.982 ng

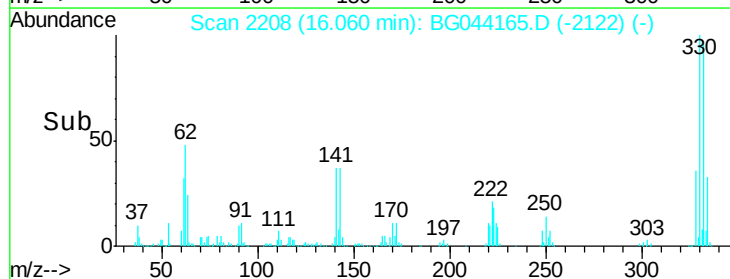
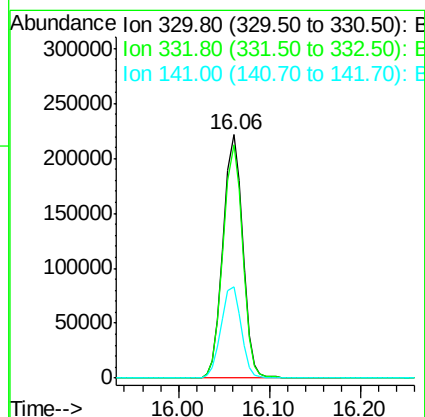
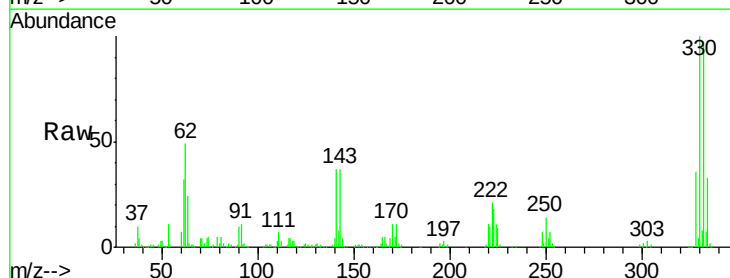
RT: 16.06 min Scan# 2208

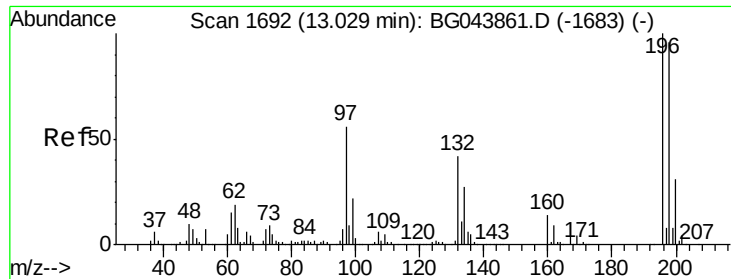
Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Tgt Ion:	330	Resp:	334155
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.2	115.8
141	38.1	33.1	49.7





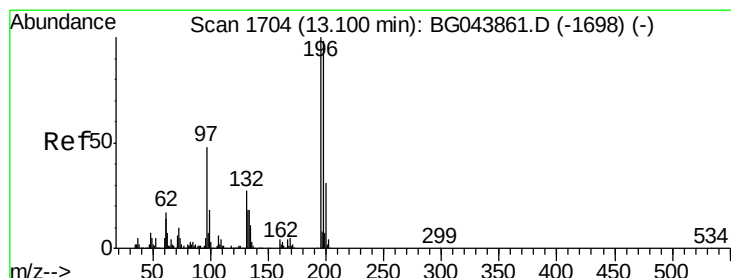
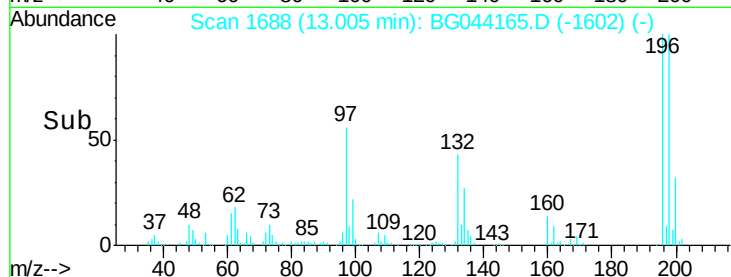
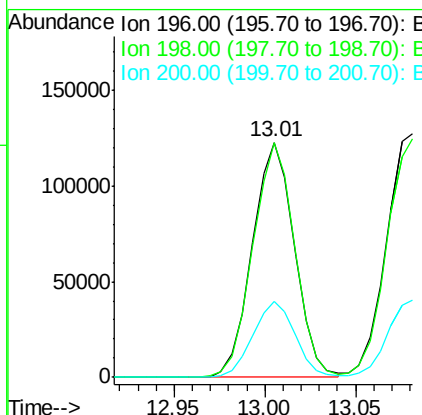
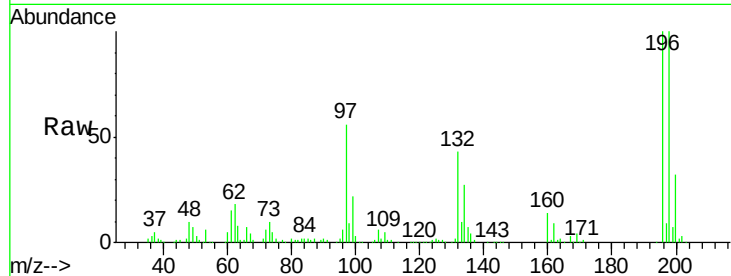
#43
 2,4,6-Trichlorophenol
 Concen: 41.799 ng
 RT: 13.01 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

Instrument :
 BNA_G
 ClientSampleId :
 PB126284BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	197950		
198	100.2	76.6	115.0	
200	32.3	24.6	37.0	

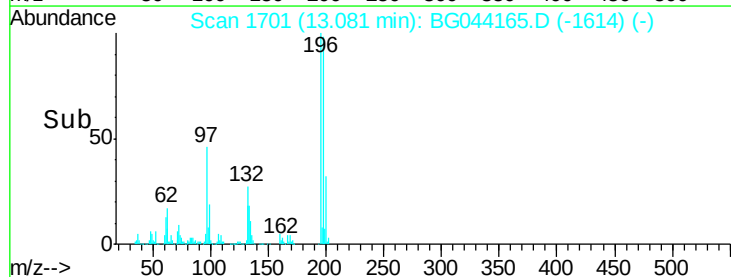
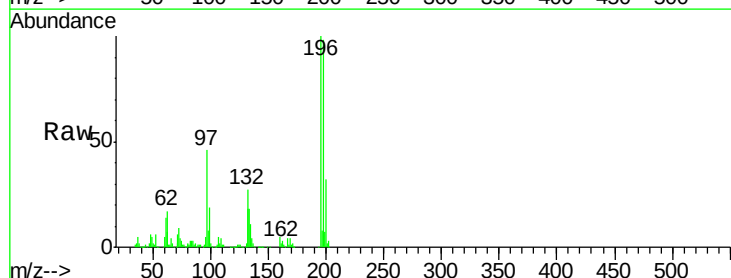
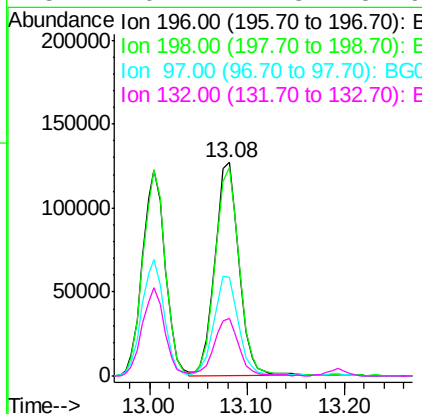
Manual Integrations
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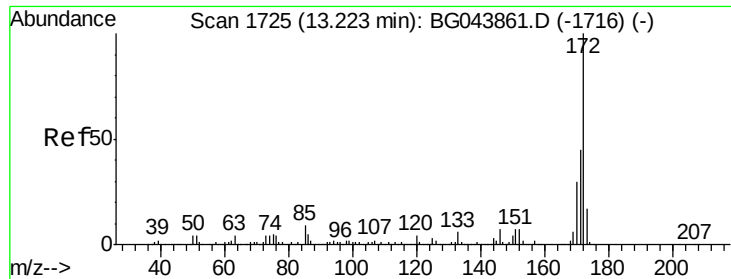
mohammad
 1/24/2020 1:53:34 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.622 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	217950		
198	97.9	78.3	117.5	
97	46.2	38.8	58.2	
132	26.7	21.3	31.9	





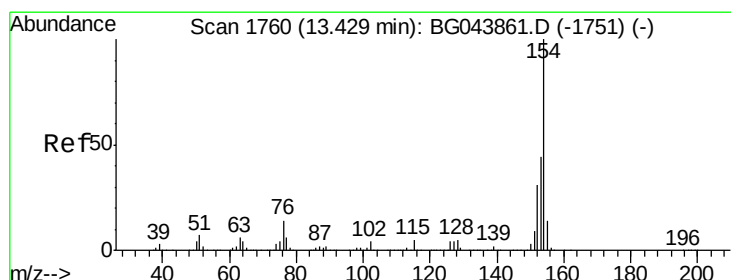
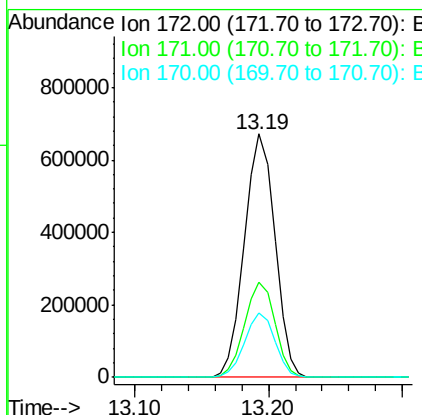
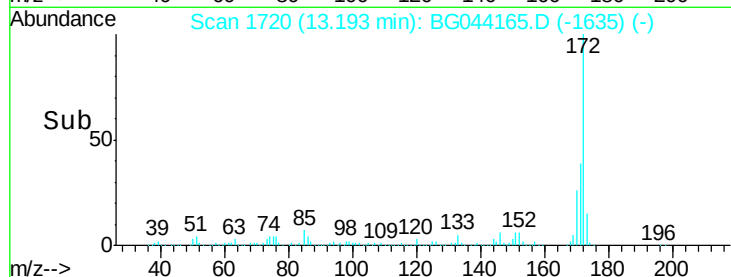
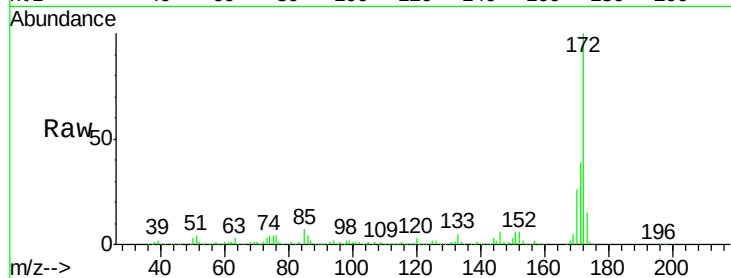
#45
2-Fluorobiphenyl
Concen: 81.954 ng
RT: 13.19 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :
PB126284BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.3	35.8	53.8
170	26.2	24.2	36.4

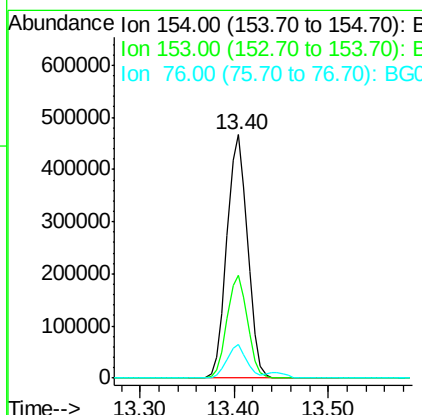
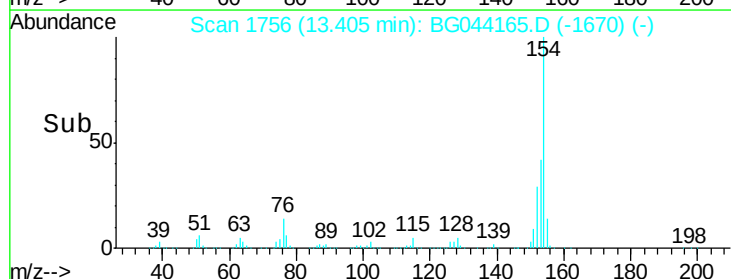
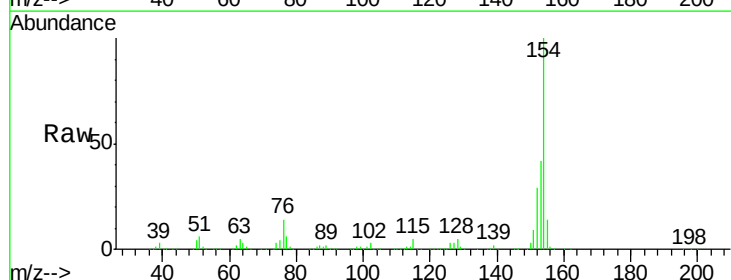
Manual Integrations
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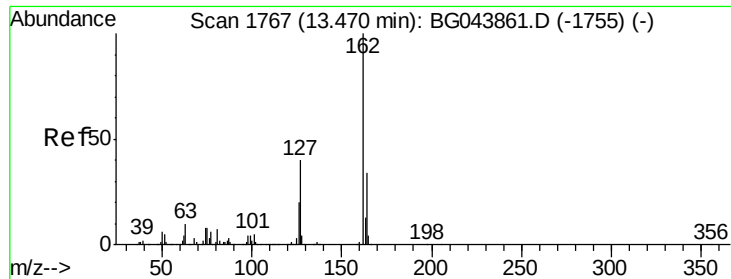
mohammad
1/24/2020 1:53:34 PM



#46
1,1'-Biphenyl
Concen: 42.269 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.02 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	23.6	63.6
76	13.7	0.0	34.4





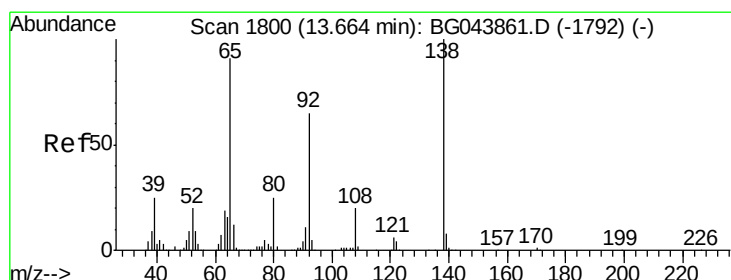
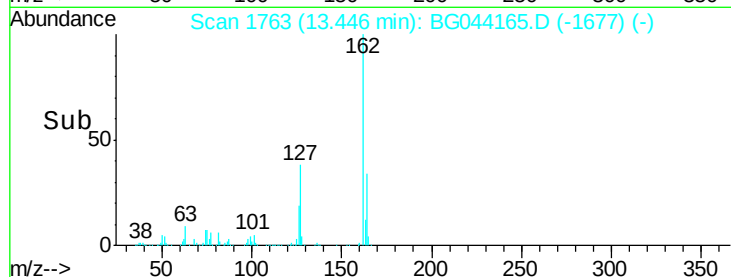
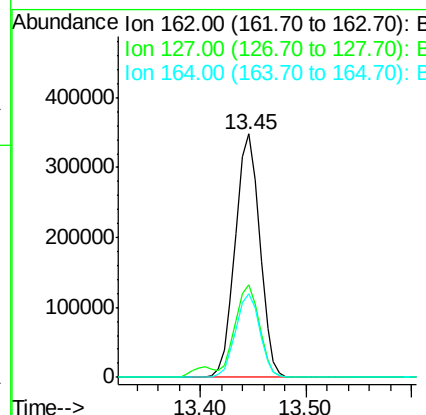
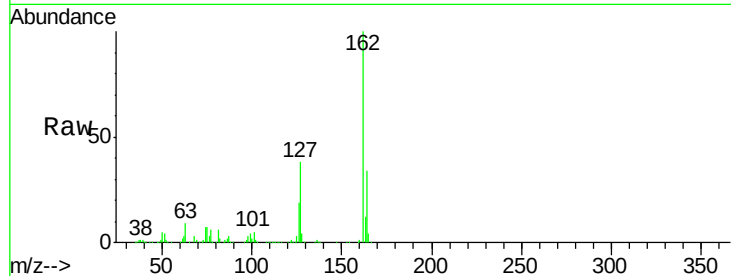
#47
2-Chloronaphthalene
Concen: 40.964 ng
RT: 13.45 min Scan# 1763
Delta R.T. -0.02 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :
PB126284BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	38.1	32.1	48.1
164	34.2	27.5	41.3

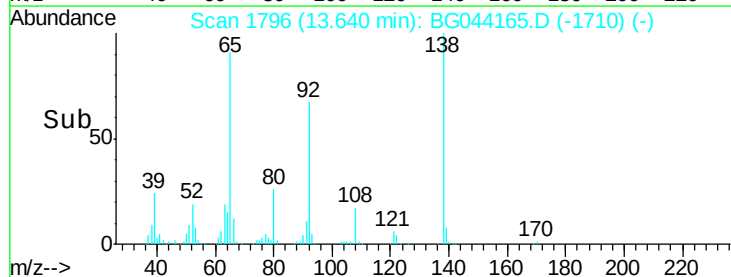
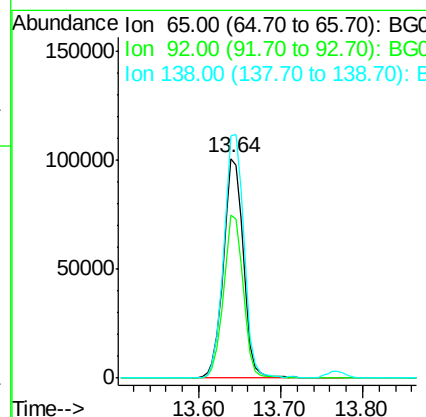
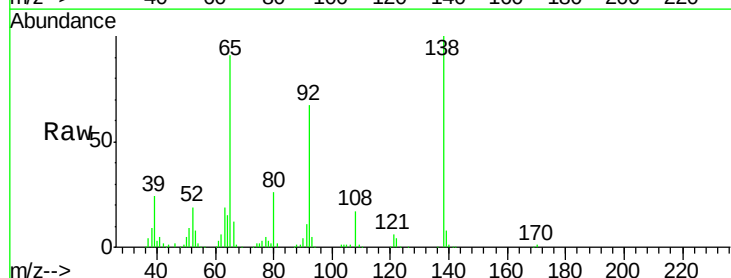
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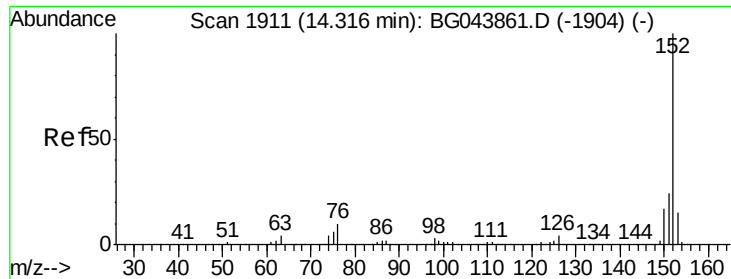
mohammad
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#48
2-Nitroaniline
Concen: 39.239 ng
RT: 13.64 min Scan# 1796
Delta R.T. -0.02 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	74.2	57.4	86.2
138	110.5	88.2	132.4





#49

Acenaphthylene

Concen: 45.665 ng

RT: 14.29 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

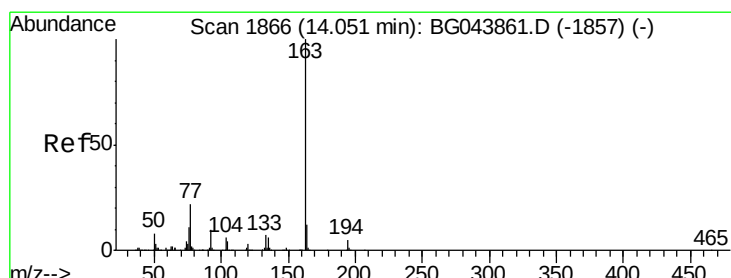
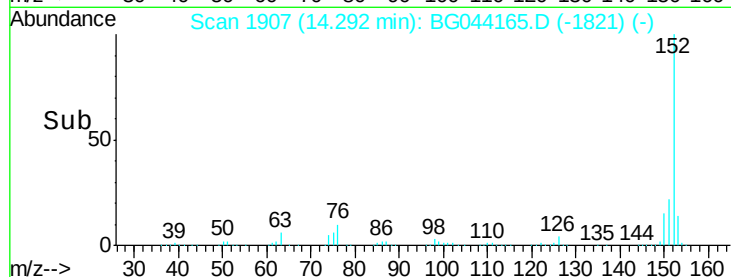
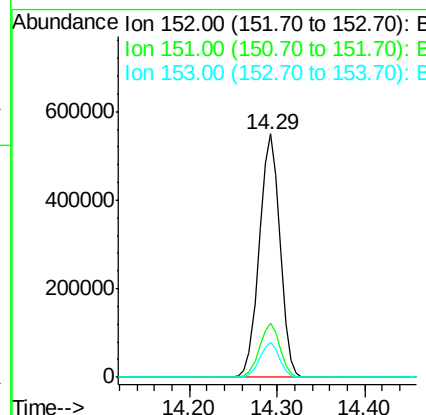
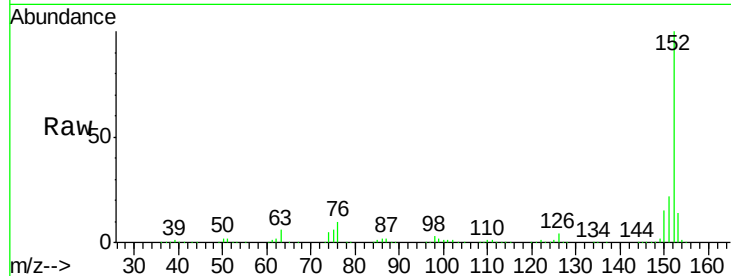
ClientSampleId :

PB126284BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.1	19.4	29.2
153	14.2	12.0	18.0

Manual Integrations
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#50

Dimethylphthalate

Concen: 42.207 ng

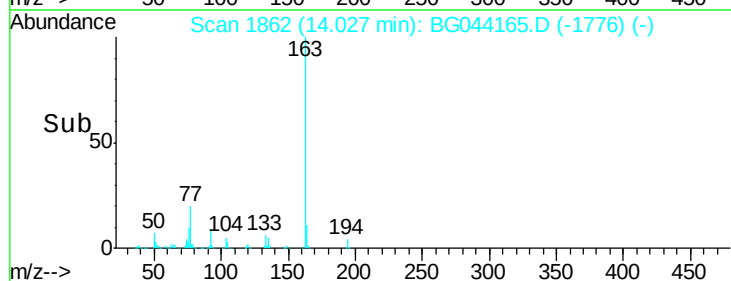
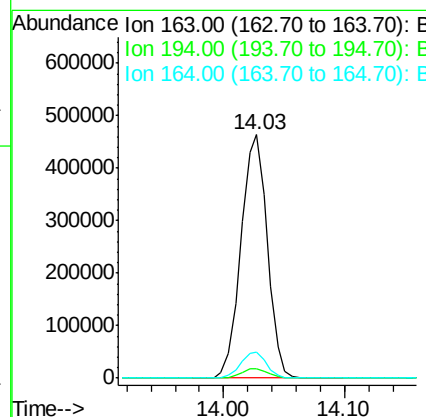
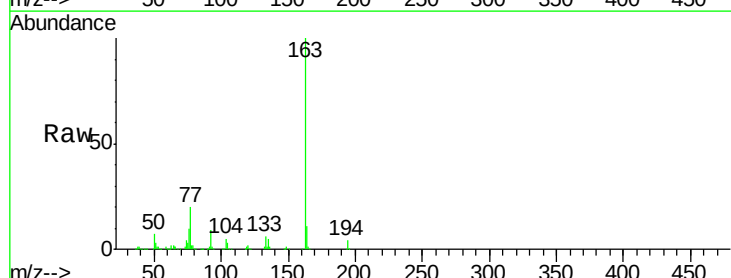
RT: 14.03 min Scan# 1862

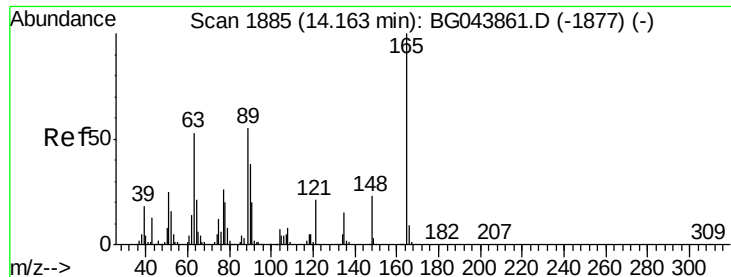
Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.7	5.5
164	10.7	9.3	13.9





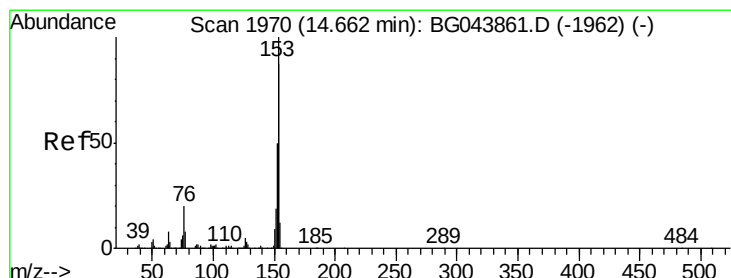
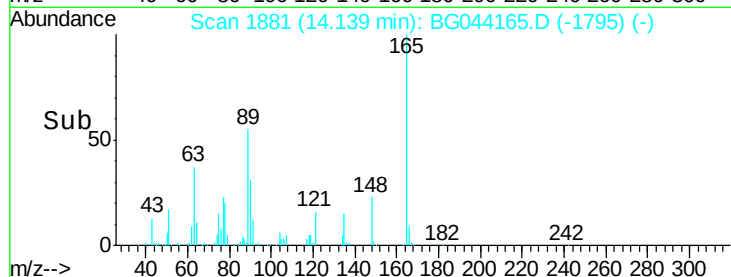
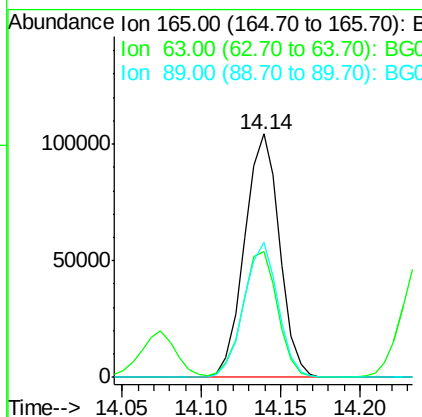
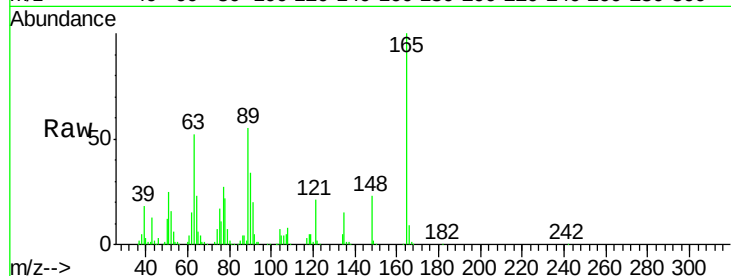
#51
 2,6-Dinitrotoluene
 Concen: 42.349 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.02 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

Instrument :
 BNA_G
 ClientSampled :
 PB126284BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	51.7	43.1	64.7
89	55.5	43.8	65.6

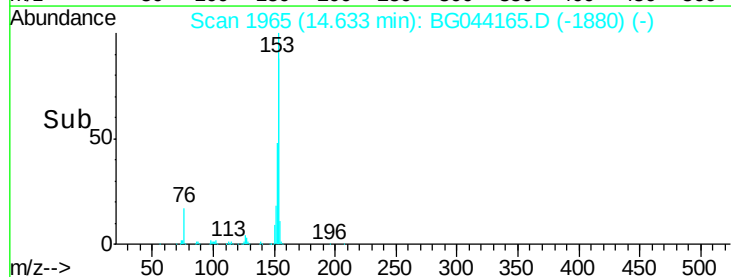
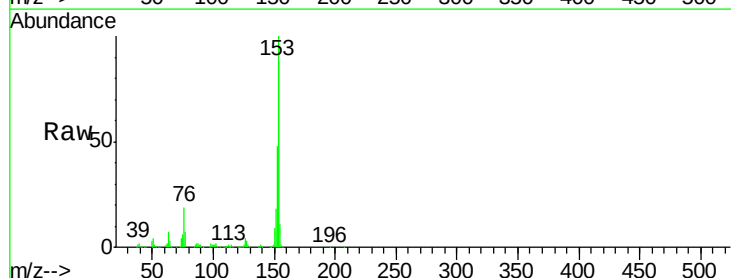
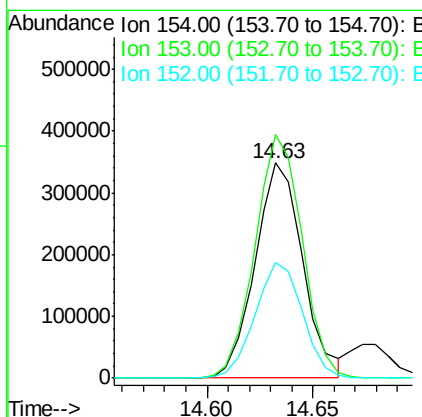
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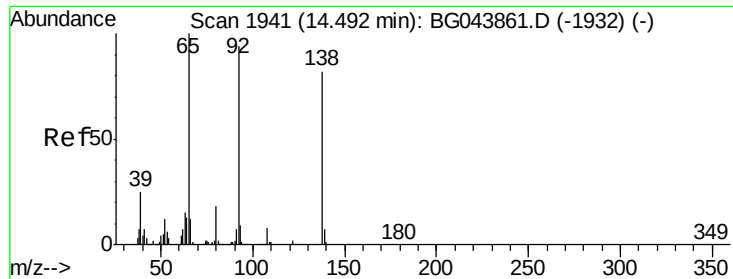
mohammad
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#52
 Acenaphthene
 Concen: 39.861 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.03 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.0	91.6	137.4
152	53.7	45.4	68.0





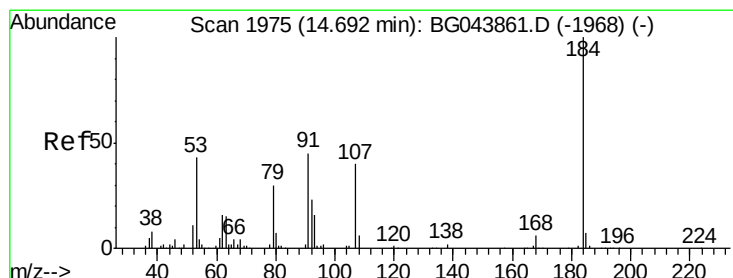
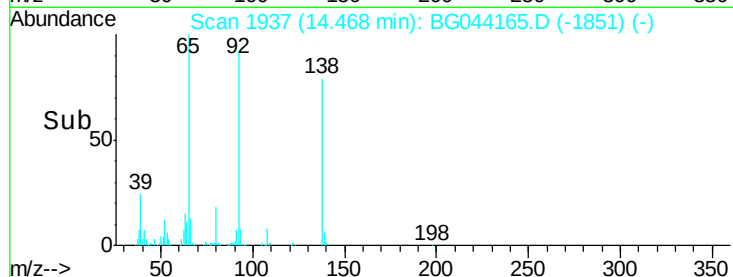
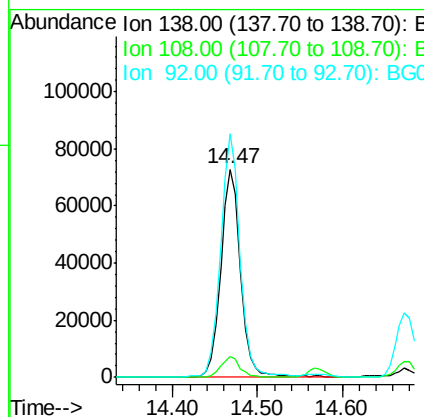
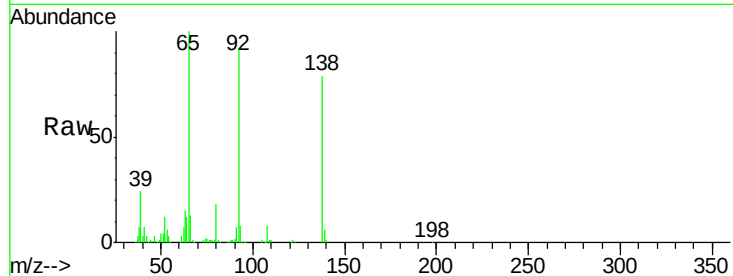
#53
3-Nitroaniline
Concen: 27.751 ng
RT: 14.47 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :
PB126284BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.4	11.2
92	117.1	92.1	138.1

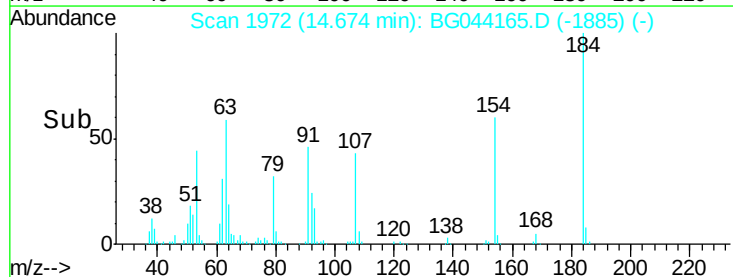
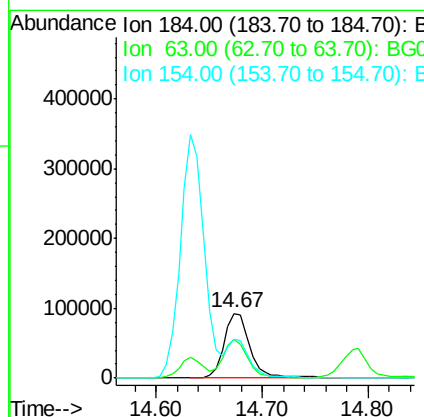
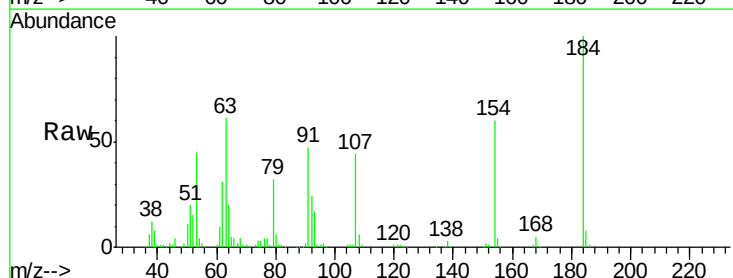
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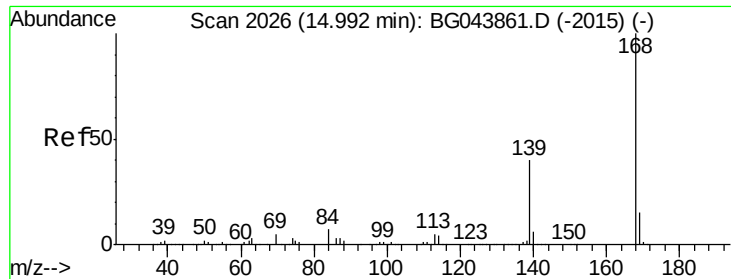
mohammad
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#54
2,4-Dinitrophenol
Concen: 82.607 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.02 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.9	46.6	70.0
154	59.7	50.2	75.4





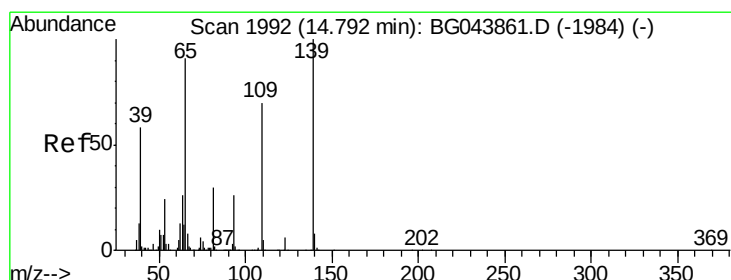
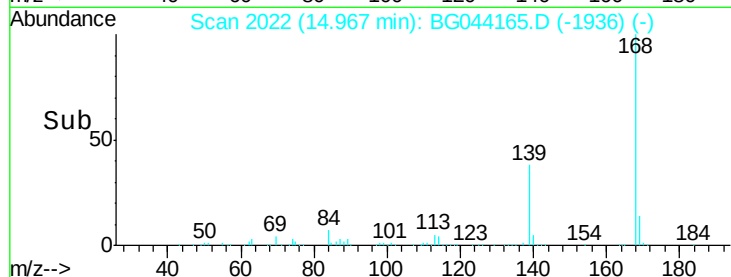
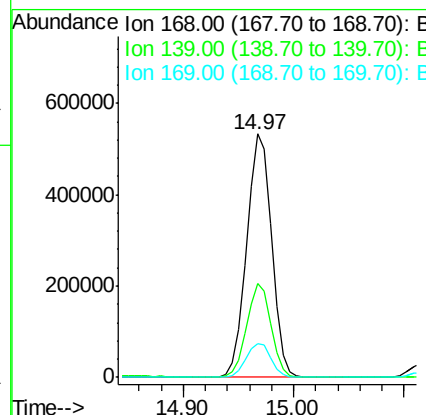
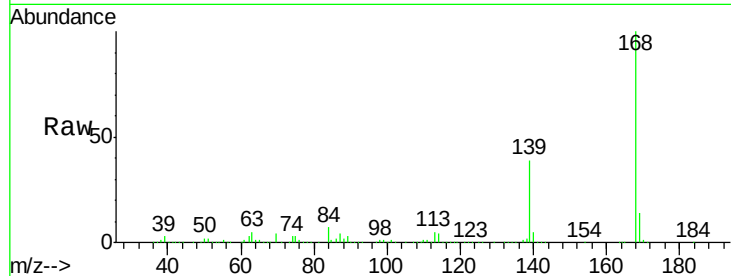
#55
Dibenzofuran
Concen: 44.823 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :
PB126284BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	846154		
139	38.5	32.2	48.2	
169	14.1	12.2	18.2	

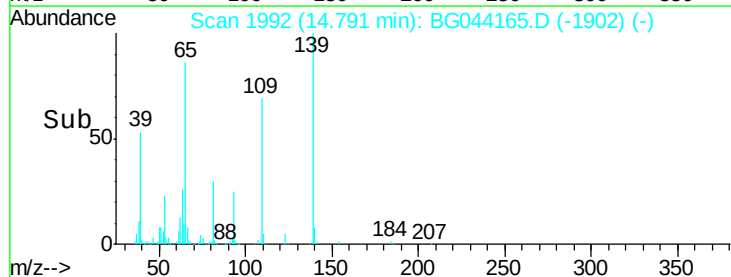
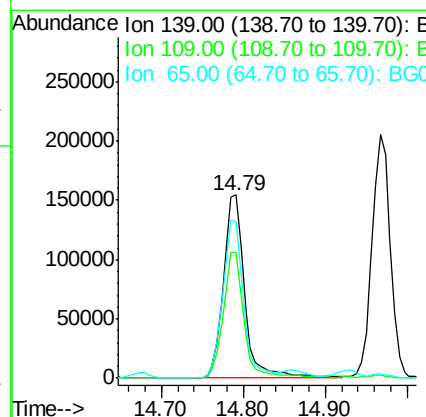
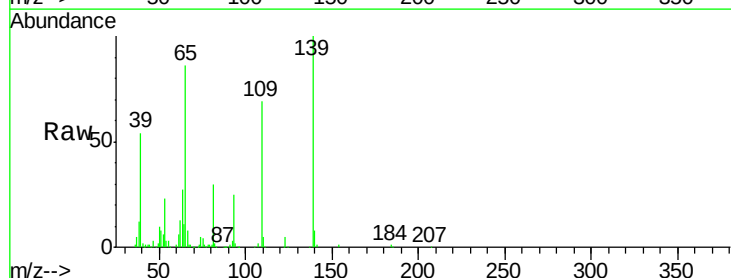
Manual Integrations
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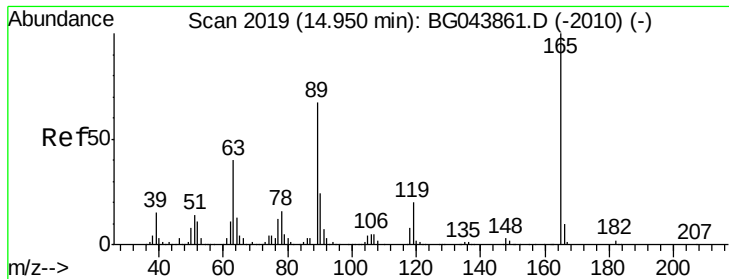
mohammad
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#56
4-Nitrophenol
Concen: 86.252 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	282854		
109	68.9	50.4	90.4	
65	85.7	71.4	111.4	





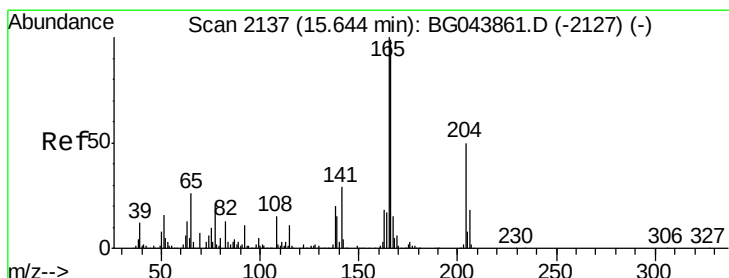
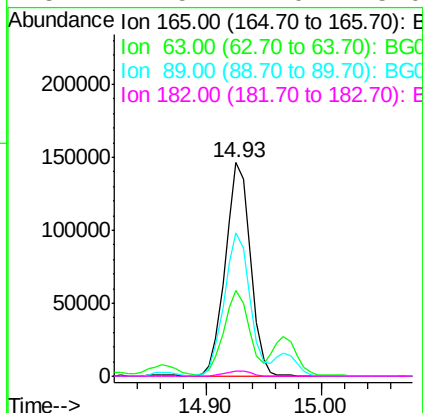
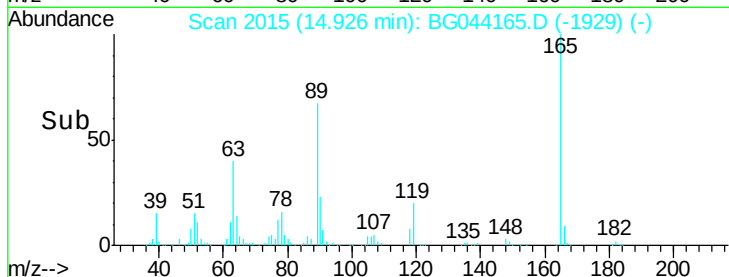
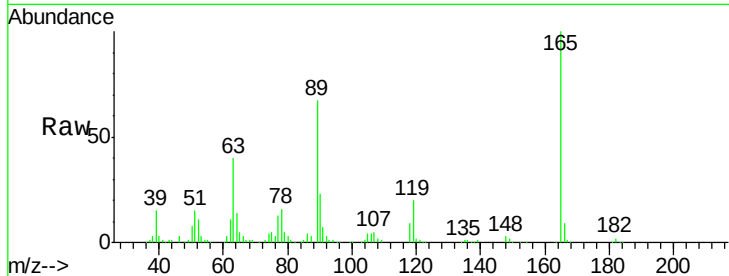
#57
2,4-Dinitrotoluene
Concen: 43.076 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :
PB126284BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	220889		
63	39.9		31.9	47.9
89	67.3		53.8	80.6
182	2.5		2.0	3.0

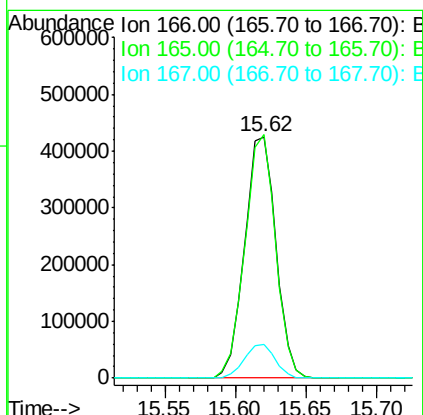
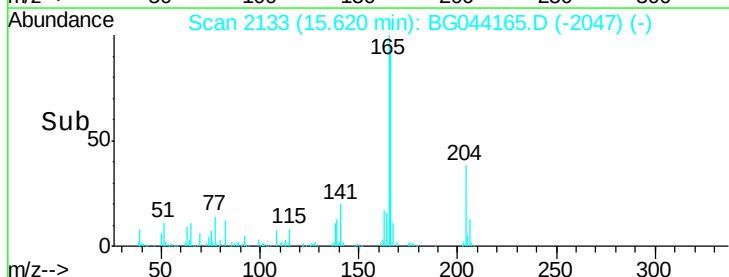
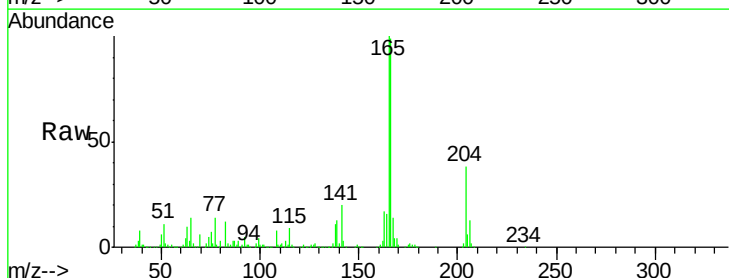
Manual Integrations
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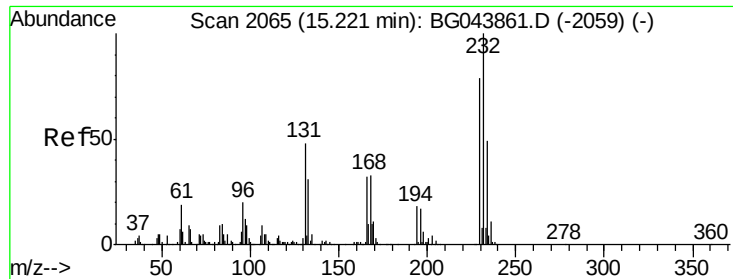
mohammad
1/24/2020 1:53:34 PM



#58
Fluorene
Concen: 44.278 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	662505		
165	101.0		80.8	121.2
167	14.1		12.1	18.1





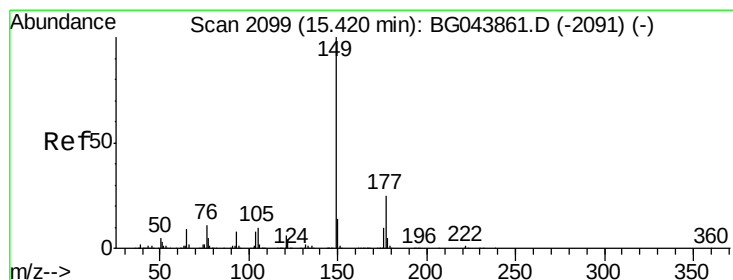
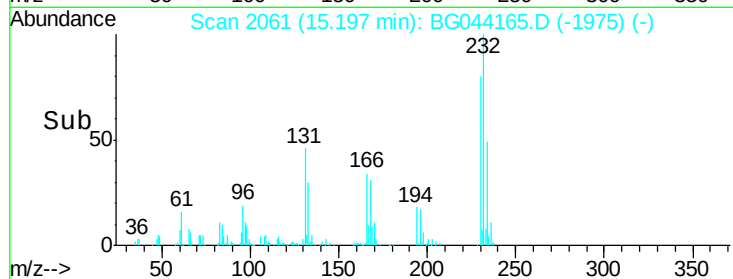
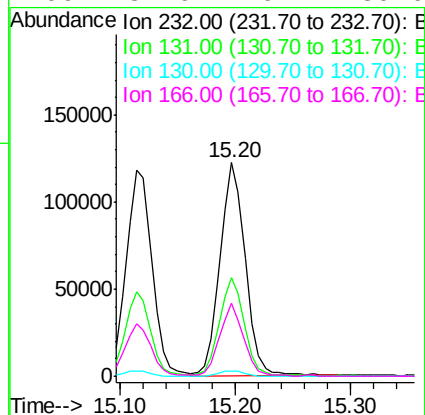
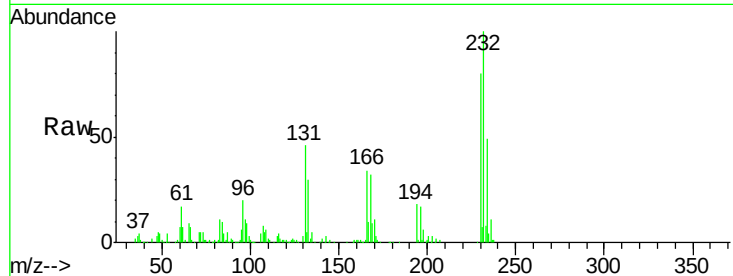
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.884 ng
 RT: 15.20 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

Instrument :
 BNA_G
 ClientSampleId :
 PB126284BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	184315		
131	45.6	38.2	57.2	
130	2.7	2.2	3.2	
166	31.6	26.4	39.6	

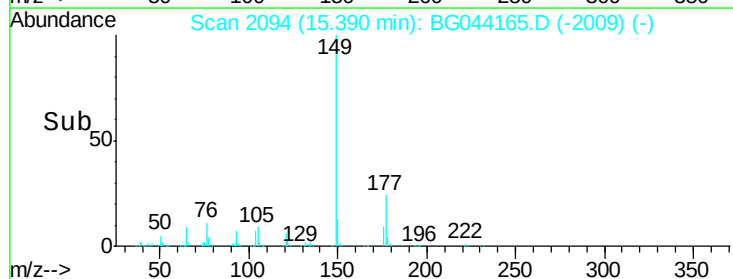
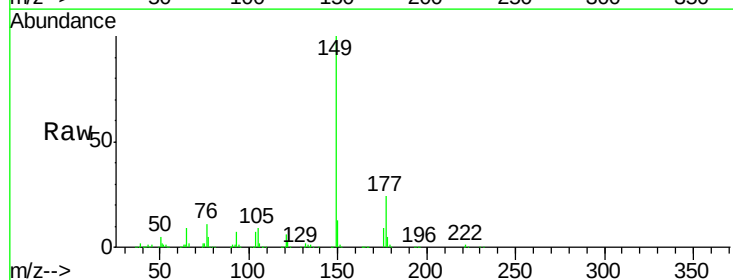
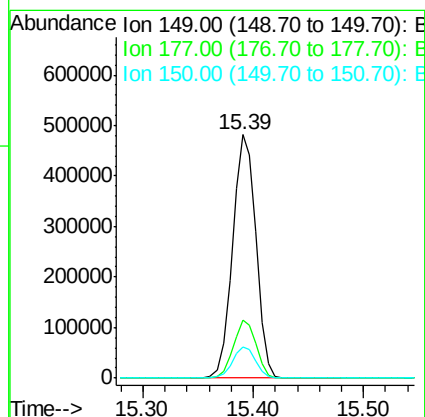
Manual Integrations
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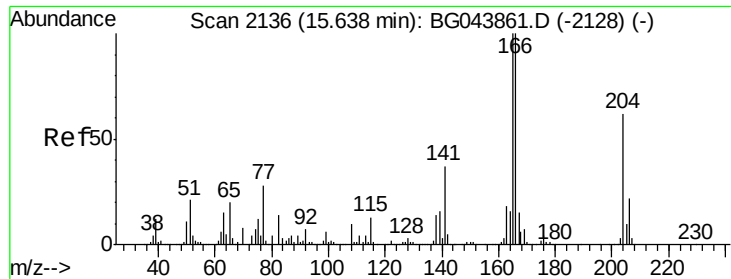
mohammad
 1/24/2020 1:53:34 PM



#60
 Diethylphthalate
 Concen: 42.662 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.03 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	711453		
177	23.9	20.0	30.0	
150	12.9	11.1	16.7	





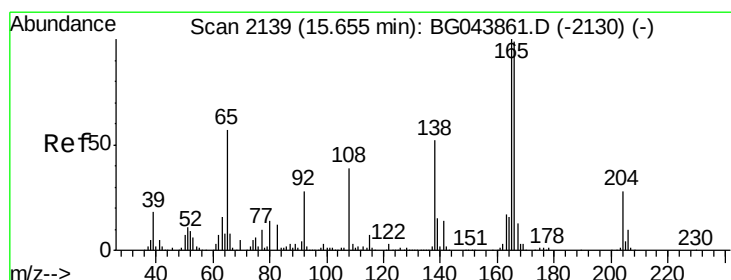
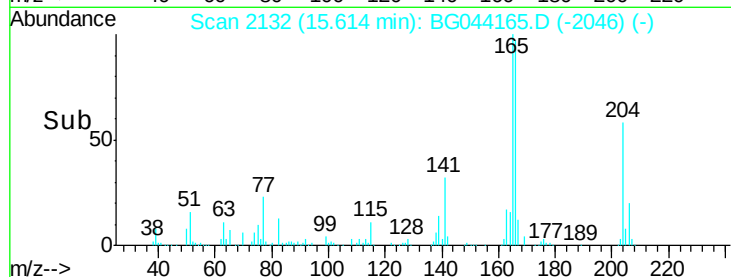
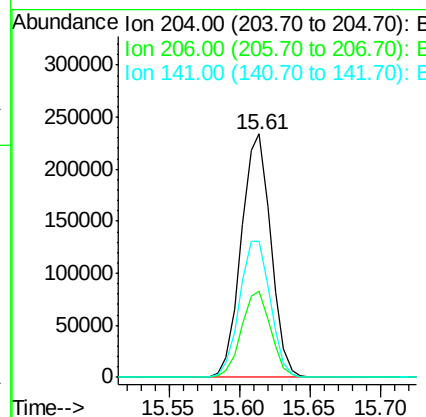
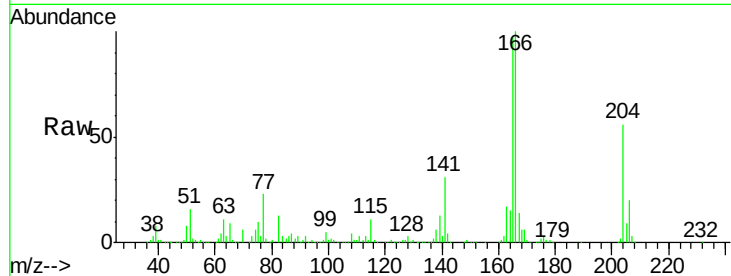
#61
4-Chlorophenyl-phenylether
Concen: 42.049 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :
PB126284BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.4	28.2	42.2
141	55.9	48.2	72.2

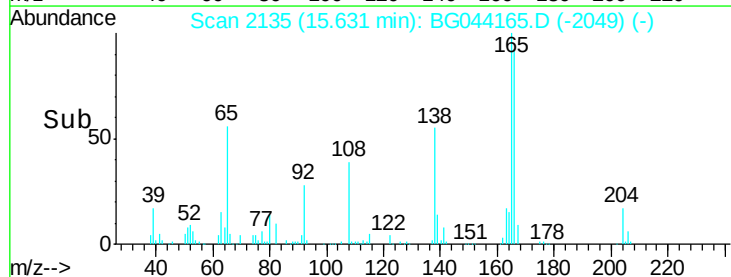
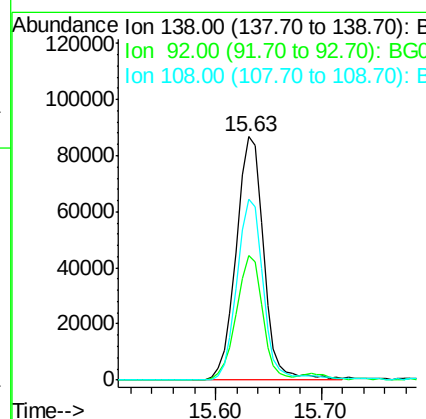
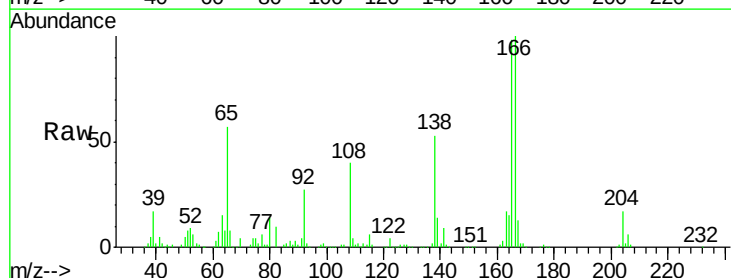
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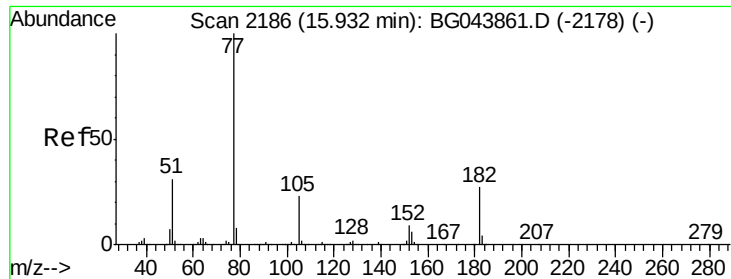
mohammad
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#62
4-Nitroaniline
Concen: 37.038 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.02 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	34.3	74.3
108	74.5	55.0	95.0





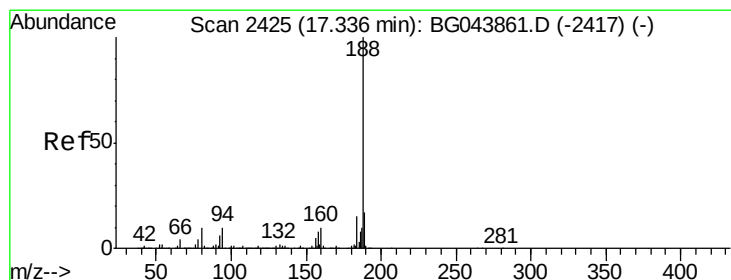
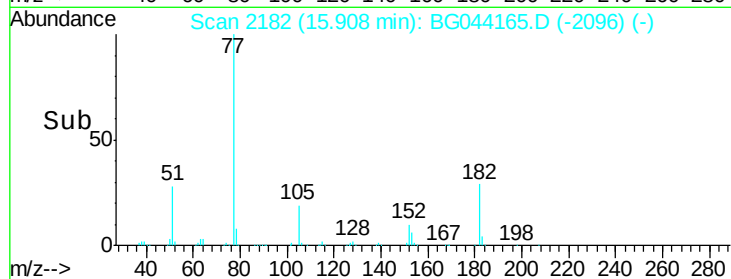
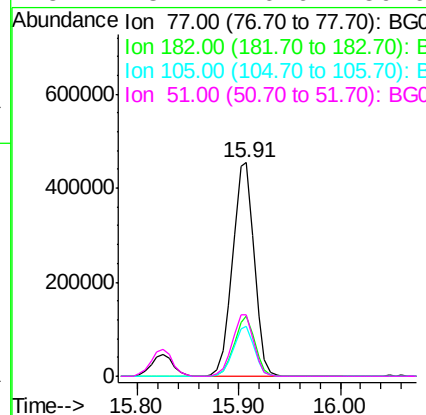
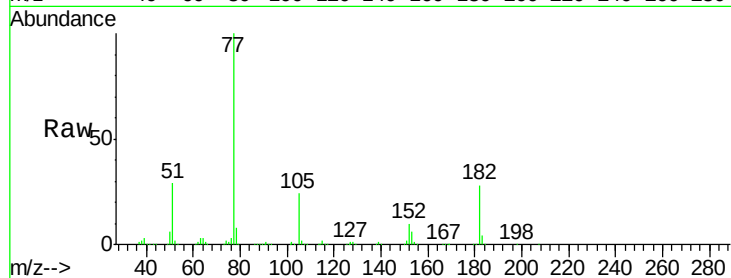
#63
Azobenzene
Concen: 43.319 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :
PB126284BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		669957		
182	28.2	7.3	47.3		
105	23.6	3.2	43.2		
51	28.7	10.6	50.6		

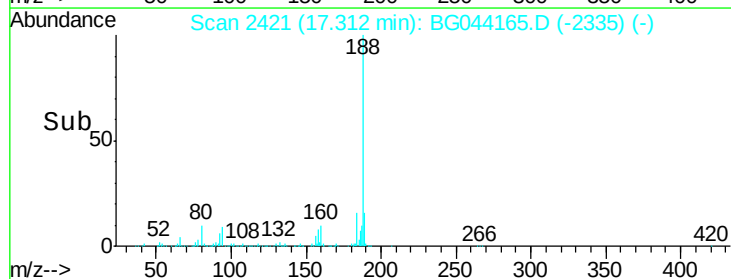
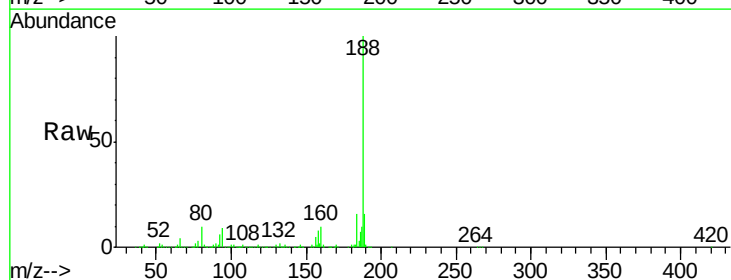
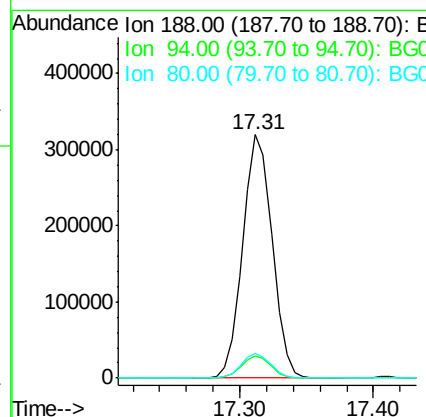
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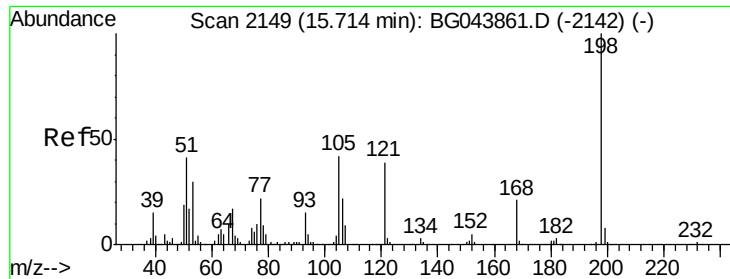
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		486651		
94	8.9	7.9	11.9		
80	10.1	8.2	12.4		





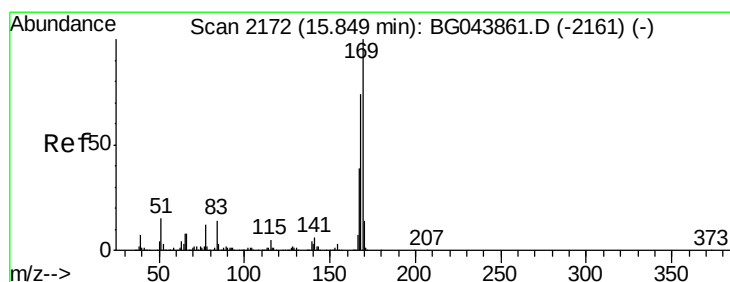
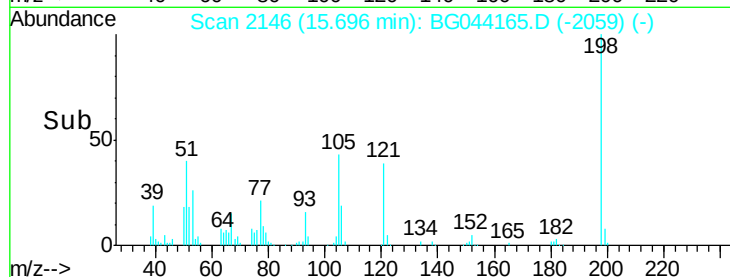
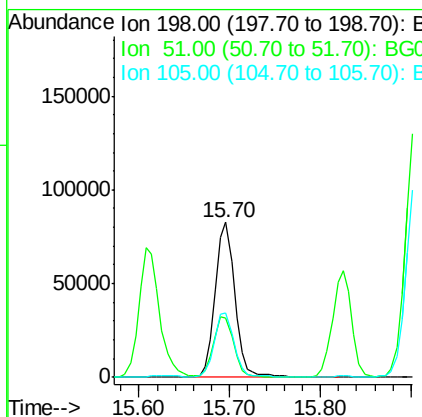
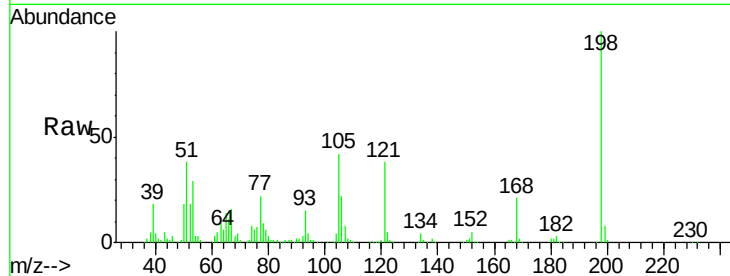
#65
4,6-Dinitro-2-methylphenol
Concen: 49.653 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.02 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :
PB126284BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	124916		
51	38.2		22.5	62.5
105	41.6		22.3	62.3

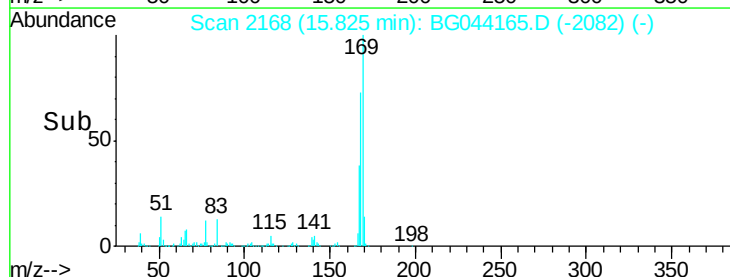
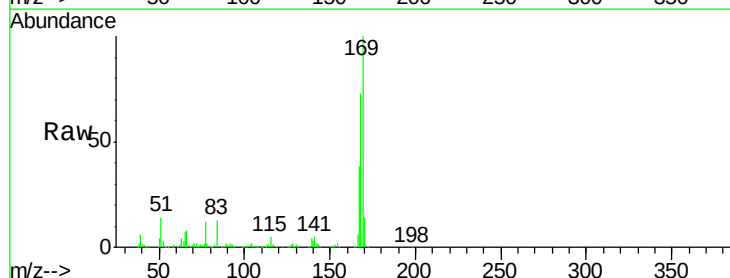
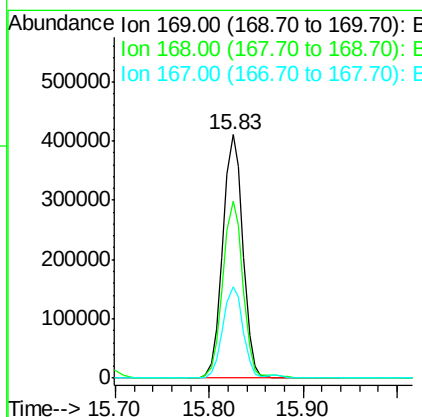
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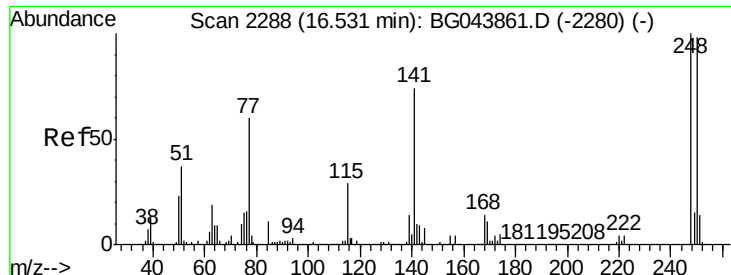
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#66
n-Nitrosodiphenylamine
Concen: 42.797 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	613335		
168	72.5		59.0	88.6
167	37.7		31.4	47.0





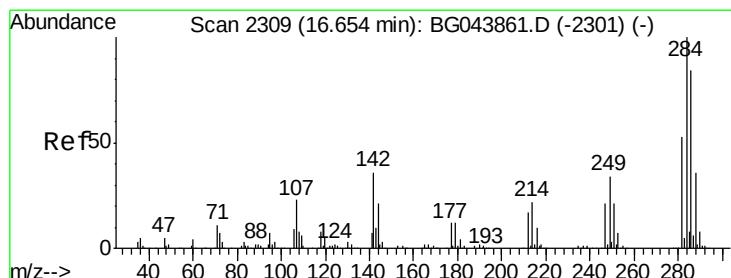
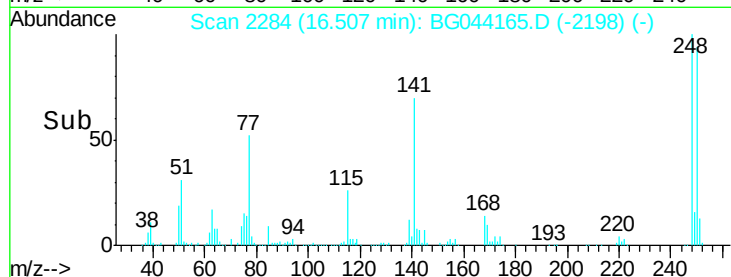
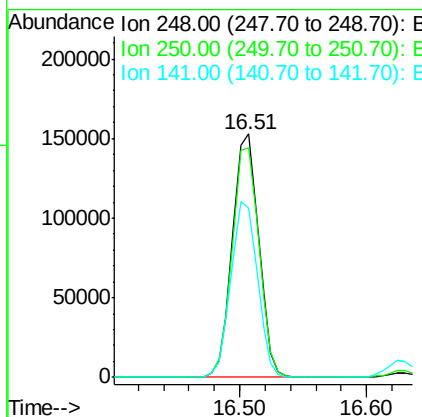
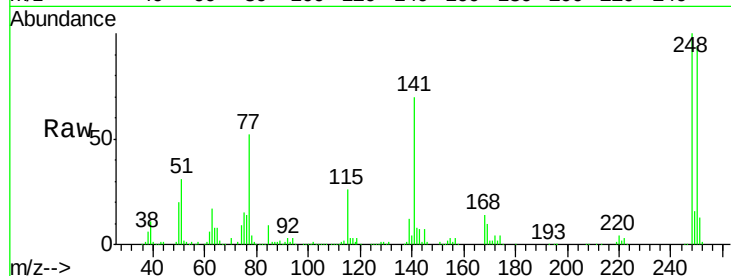
#67
4-Bromophenyl-phenylether
Concen: 40.062 ng
RT: 16.51 min Scan# 2284
Delta R.T. -0.02 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :
PB126284BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.3	78.2	117.2
141	69.7	59.3	88.9

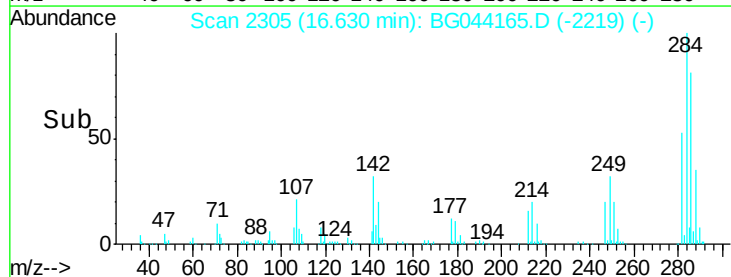
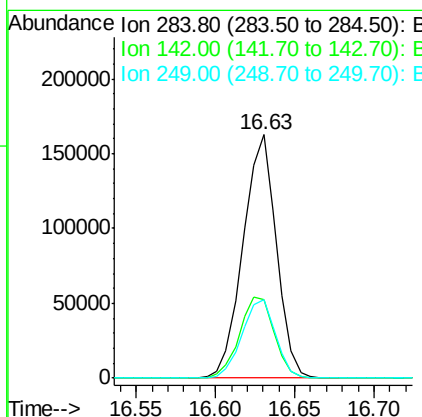
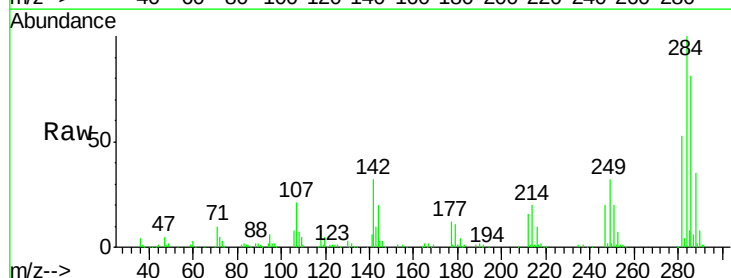
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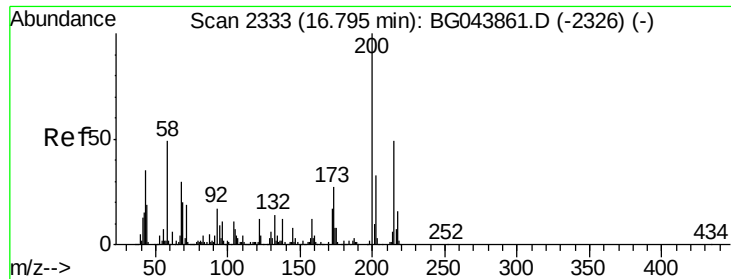
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#68
Hexachlorobenzene
Concen: 40.190 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.02 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.4	28.6	43.0
249	32.4	27.0	40.6





#69

Atrazine

Concen: 46.929 ng

RT: 16.78 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

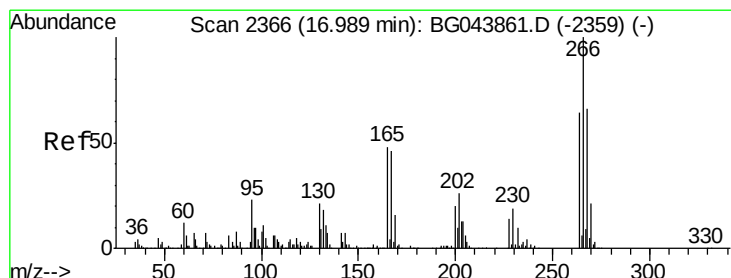
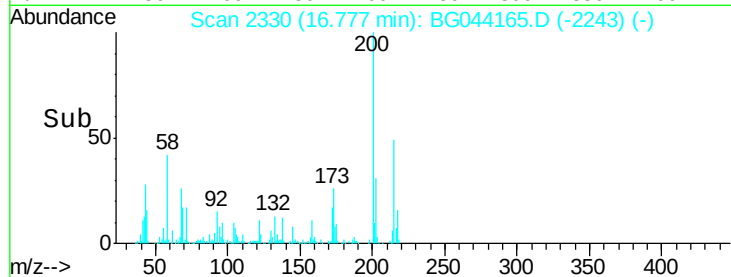
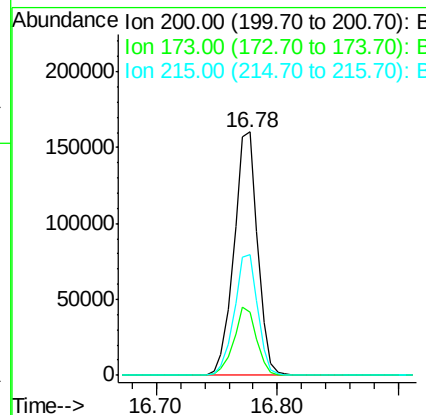
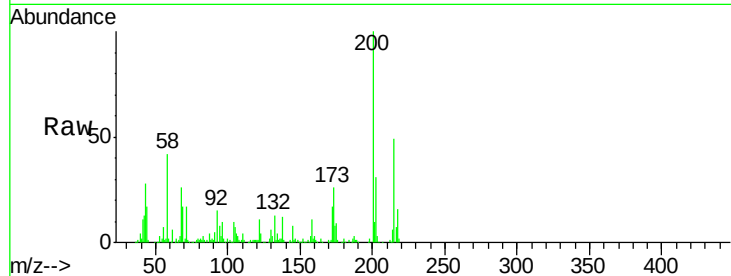
ClientSampleId :

PB126284BS

Tot Ion:	200	Resp:	218616
Ion Ratio	Lower	Upper	
200	100		
173	25.7	6.6	46.6
215	49.3	28.6	68.6

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#70

Pentachlorophenol

Concen: 77.022 ng

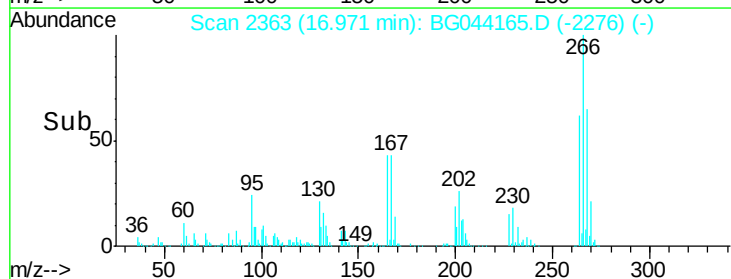
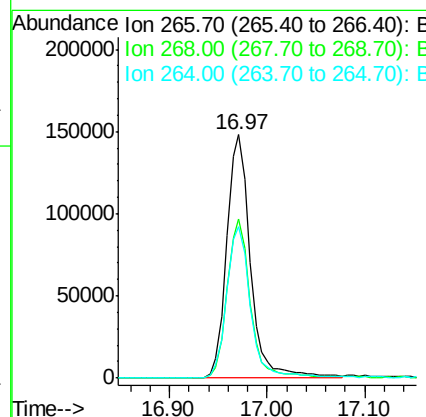
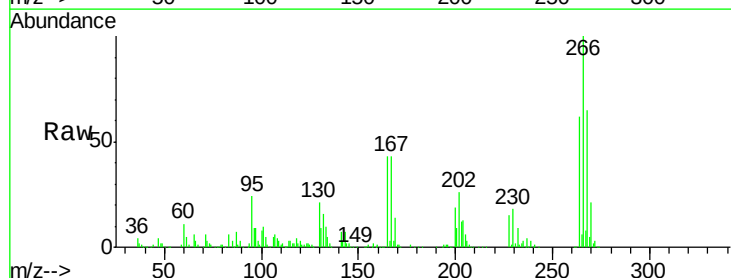
RT: 16.97 min Scan# 2363

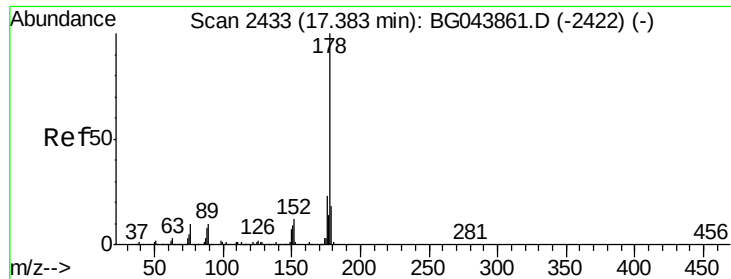
Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Tgt Ion:	266	Resp:	250407
Ion Ratio	Lower	Upper	
266	100		
268	65.3	52.6	79.0
264	62.3	50.8	76.2





#71

Phenanthrene

Concen: 43.816 ng

RT: 17.35 min Scan# 2428

Delta R.T. -0.03 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

PB126284BS

Tot Ion:178 Resp: 1022757

Ion Ratio Lower Upper

178 100

176 21.7 18.6 28.0

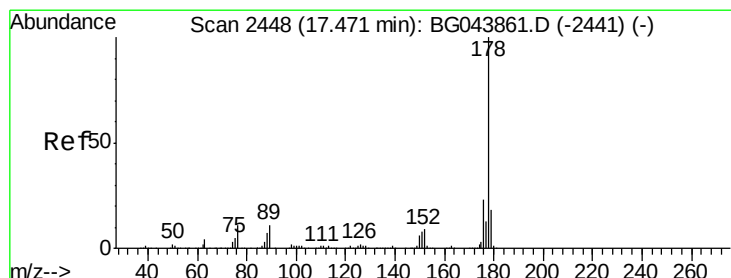
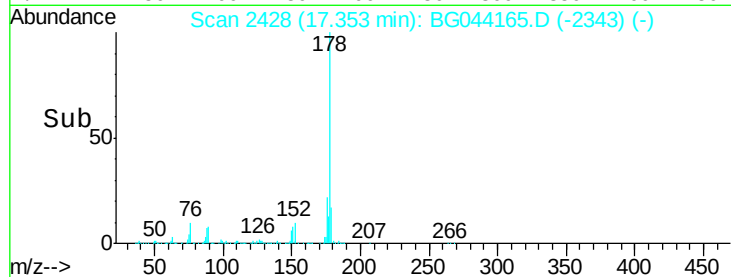
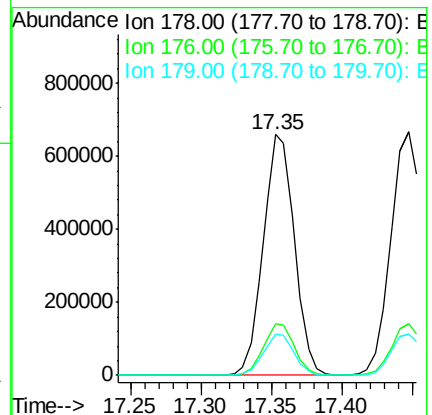
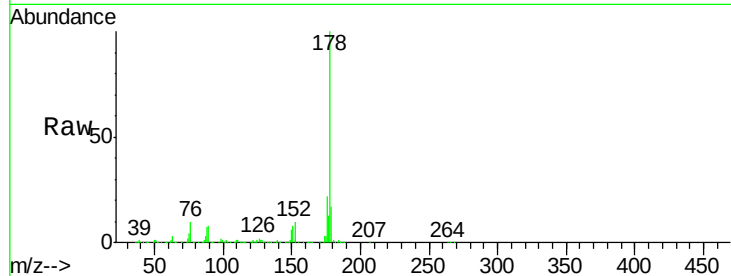
179 17.4 14.4 21.6

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#72

Anthracene

Concen: 45.871 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

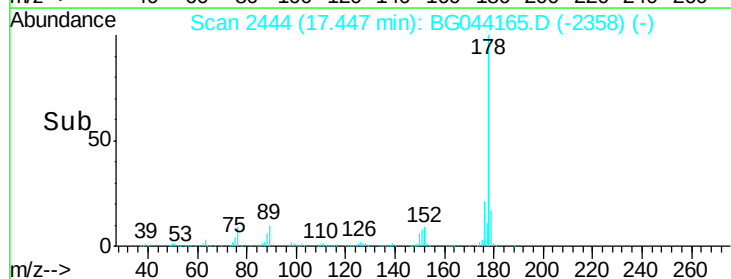
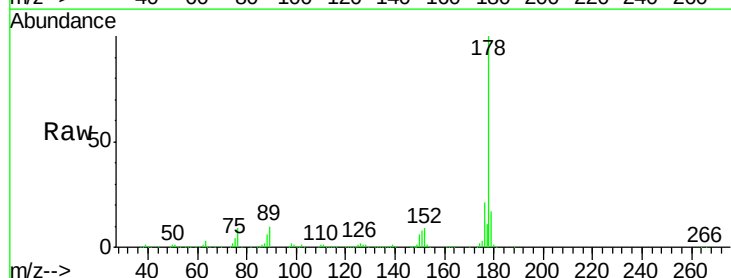
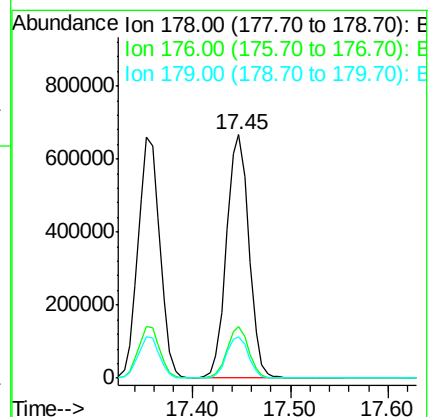
Tgt Ion:178 Resp: 1058180

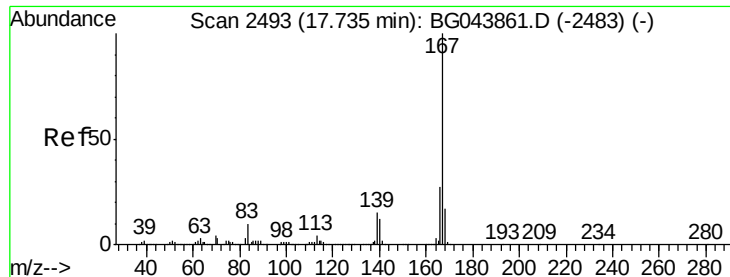
Ion Ratio Lower Upper

178 100

176 21.2 18.3 27.5

179 17.2 14.6 22.0





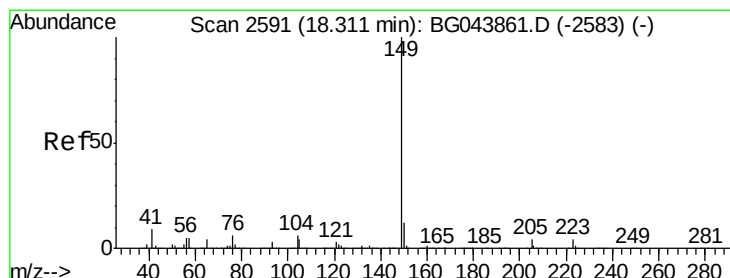
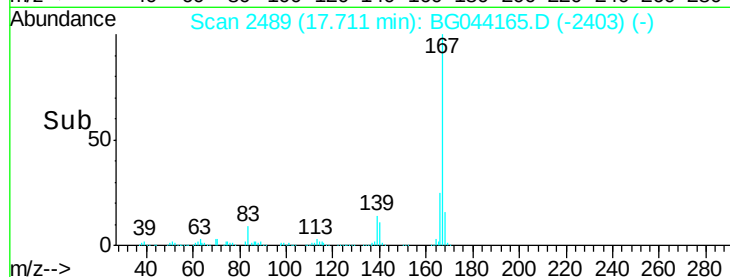
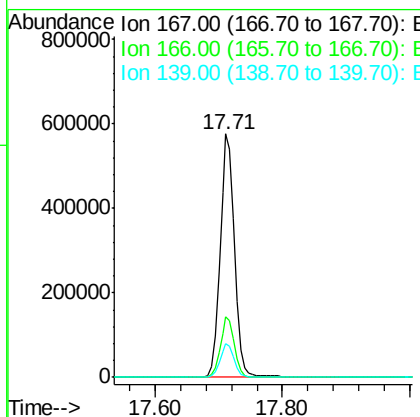
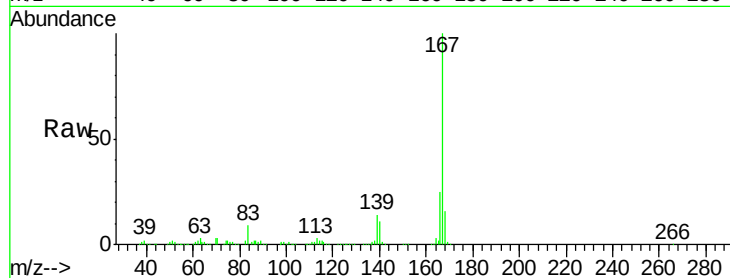
#73
 Carbazole
 Concen: 43.628 ng
 RT: 17.71 min Scan# 2489
 Delta R.T. -0.02 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

Instrument :
 BNA_G
 ClientSampleId :
 PB126284BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	929662		
166	24.7		21.6	32.4
139	14.0		12.1	18.1

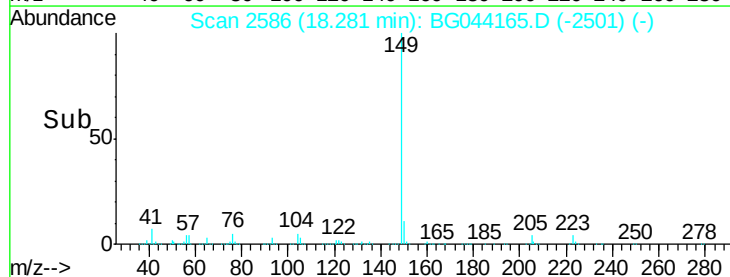
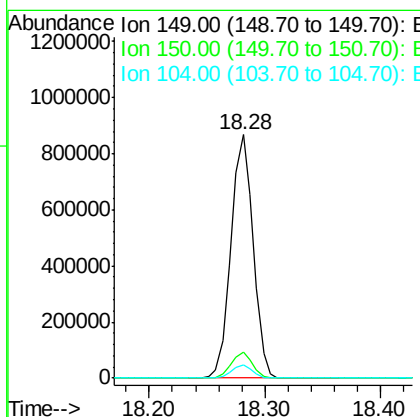
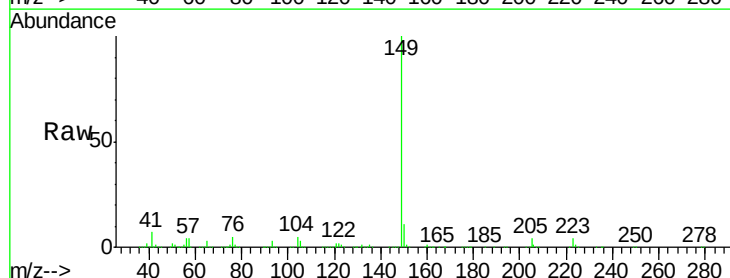
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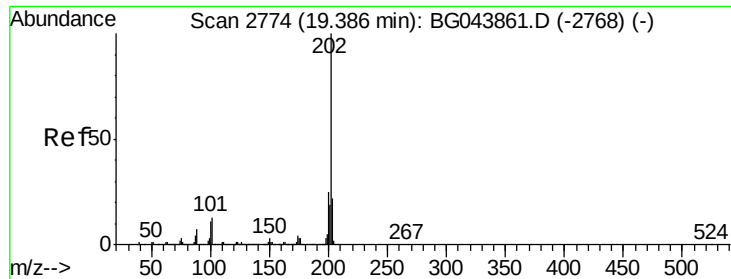
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#74
 Di-n-butylphthalate
 Concen: 42.202 ng
 RT: 18.28 min Scan# 2586
 Delta R.T. -0.03 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1148159		
150	10.6		9.7	14.5
104	5.3		5.0	7.4





#75

Fluoranthene

Concen: 43.364 ng

RT: 19.36 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

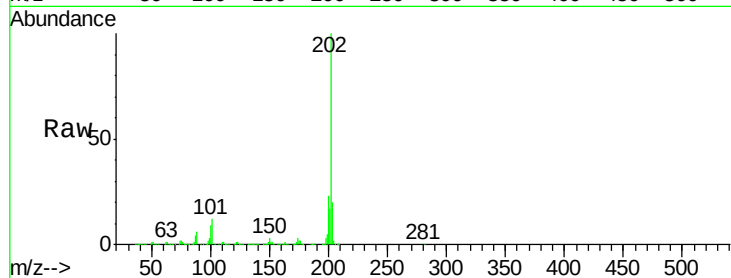
ClientSampled :

PB126284BS

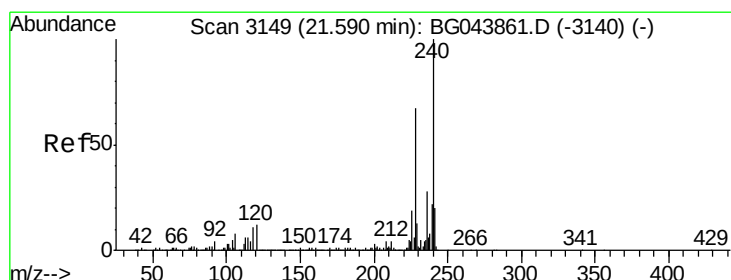
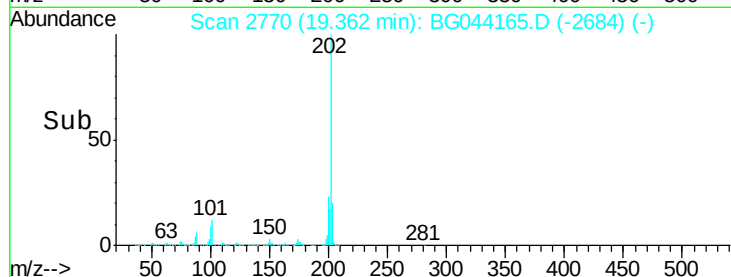
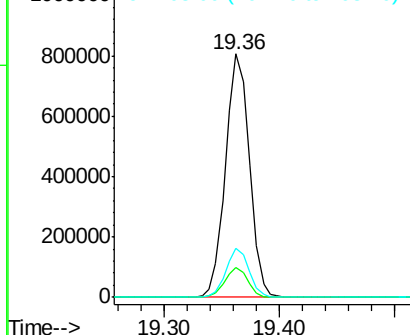
Tot Ion:	202	Resp:	1157610
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	33.3
203	20.0	1.6	41.6

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



#76

Chrysene-d12

Concen: 20.000 ng

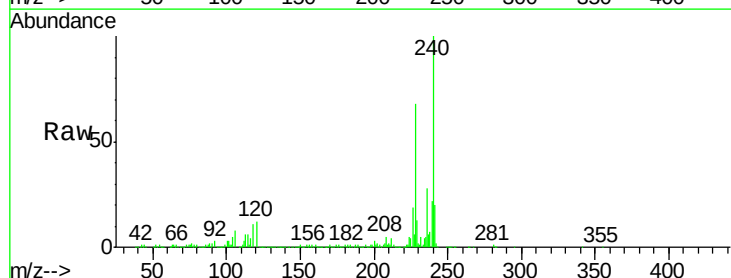
RT: 21.56 min Scan# 3144

Delta R.T. -0.03 min

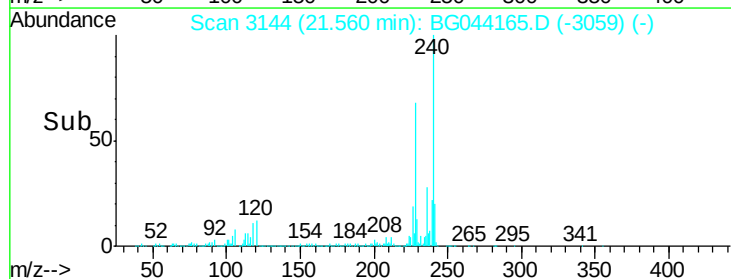
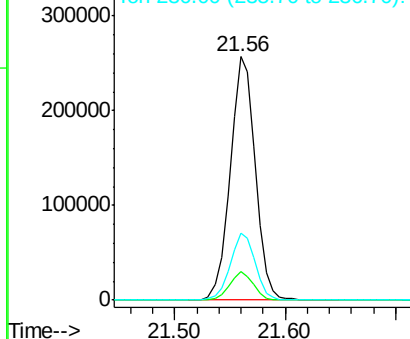
Lab File: BG044165.D

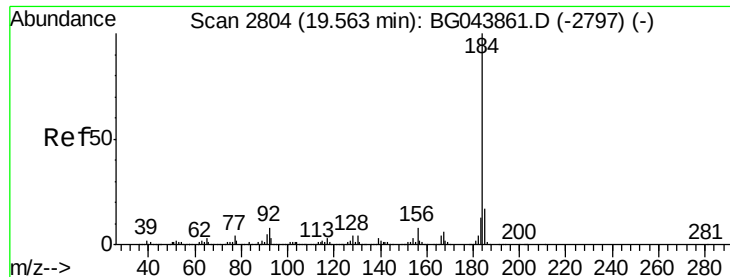
Acq: 23 Jan 2020 13:05

Tgt Ion:	240	Resp:	407925
Ion Ratio	Lower	Upper	
240	100		
120	11.8	9.6	14.4
236	27.7	22.2	33.2



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





#77

Benzidine

Concen: 48.306 ng

RT: 19.54 min Scan# 2801

Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

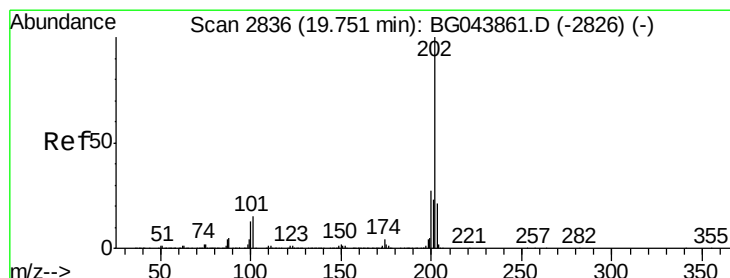
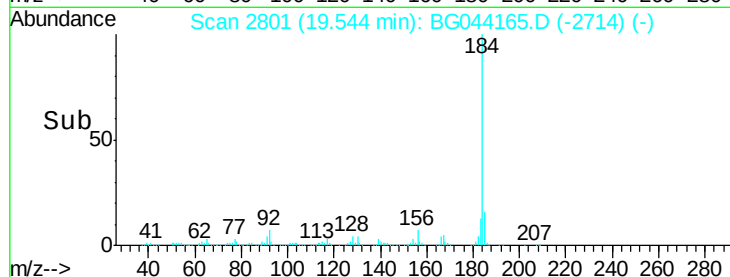
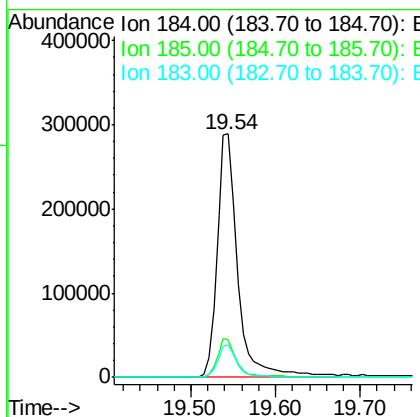
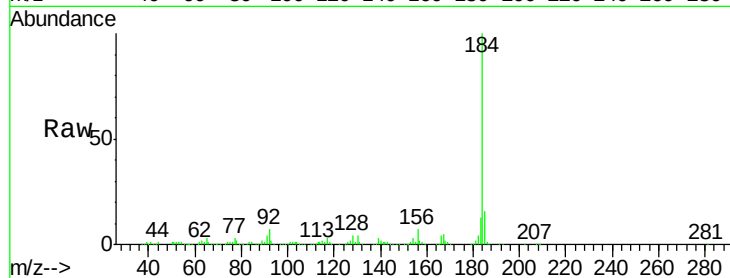
ClientSampleId :

PB126284BS

Tot Ion:	184	Resp:	495307
Ion Ratio	Lower	Upper	
184	100		
185	15.7	13.4	20.0
183	13.1	10.6	15.8

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#78

Pyrene

Concen: 43.832 ng

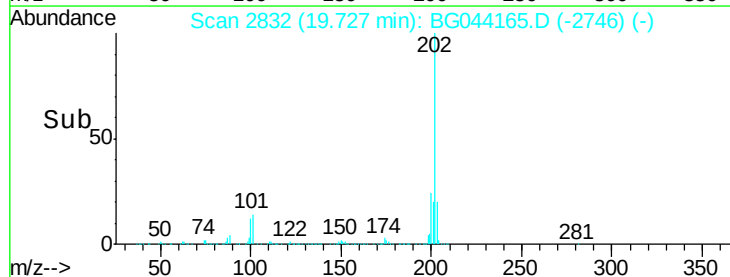
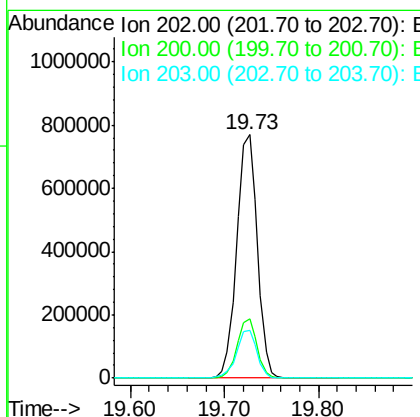
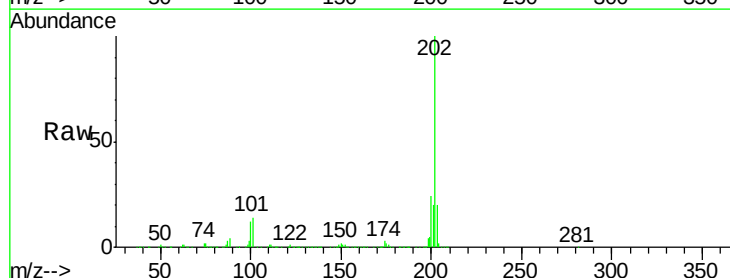
RT: 19.73 min Scan# 2832

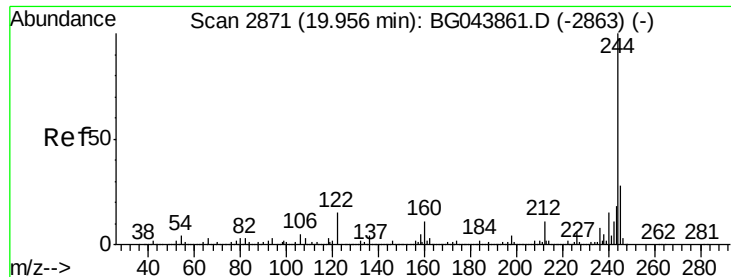
Delta R.T. -0.02 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Tgt Ion:	202	Resp:	1167111
Ion Ratio	Lower	Upper	
202	100		
200	24.3	21.7	32.5
203	19.5	17.0	25.6





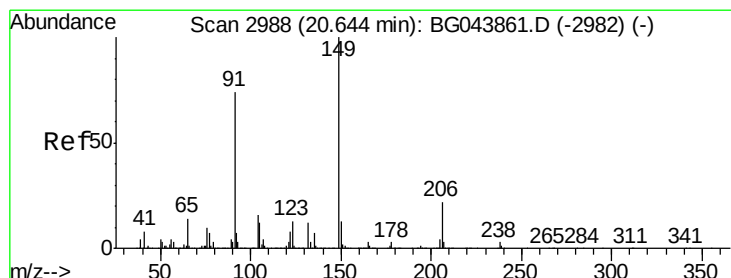
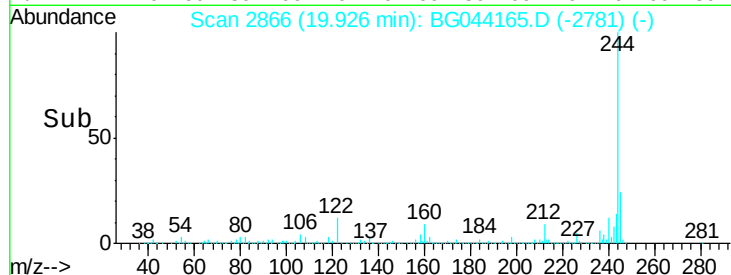
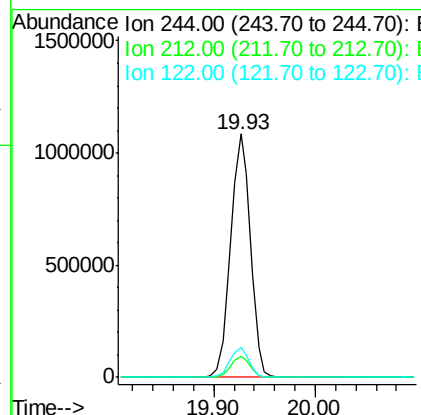
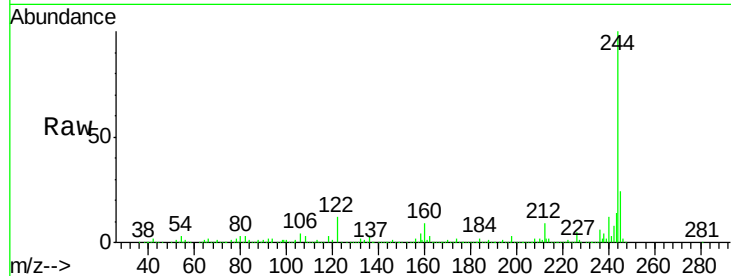
#79
 Terphenyl-d14
 Concen: 87.337 ng
 RT: 19.93 min Scan# 2866
 Delta R.T. -0.03 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

Instrument :
 BNA_G
 ClientSampleId :
 PB126284BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.7	8.6	13.0
122	12.2	11.9	17.9

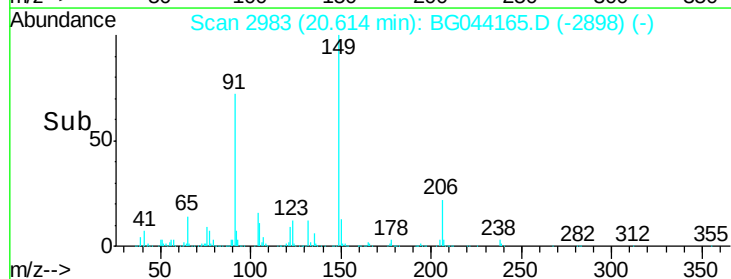
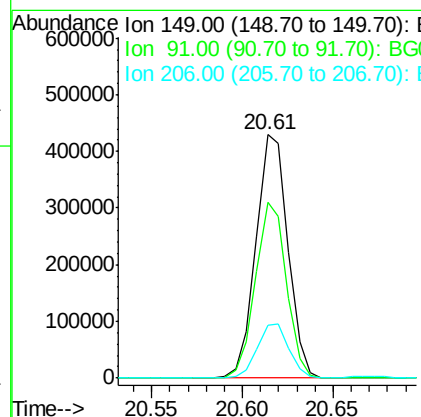
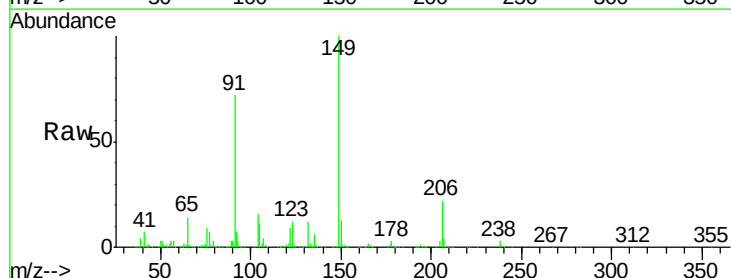
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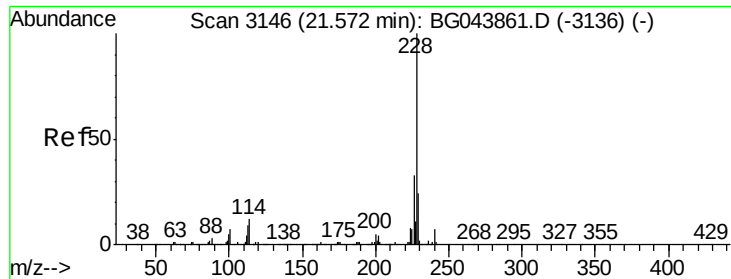
mohammad
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#80
 Butylbenzylphthalate
 Concen: 41.512 ng
 RT: 20.61 min Scan# 2983
 Delta R.T. -0.03 min
 Lab File: BG044165.D
 Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.4	59.5	89.3
206	21.6	17.8	26.6





#81

Benzo(a)anthracene

Concen: 43.688 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.03 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

PB126284BS

Tot Ion:228 Resp: 1105048

Ion Ratio Lower Upper

228 100

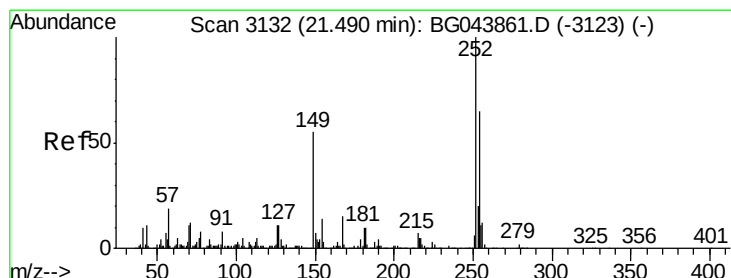
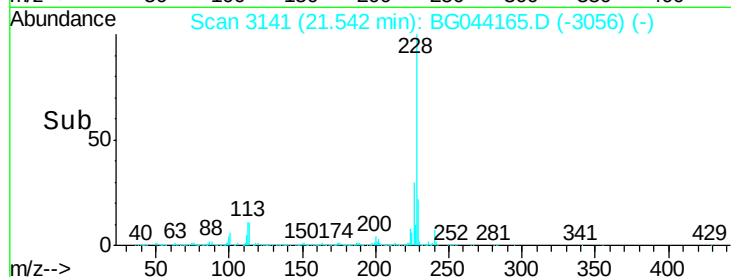
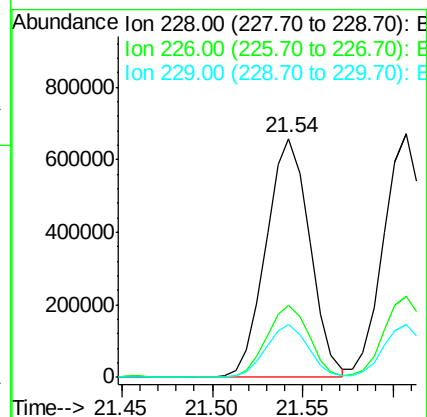
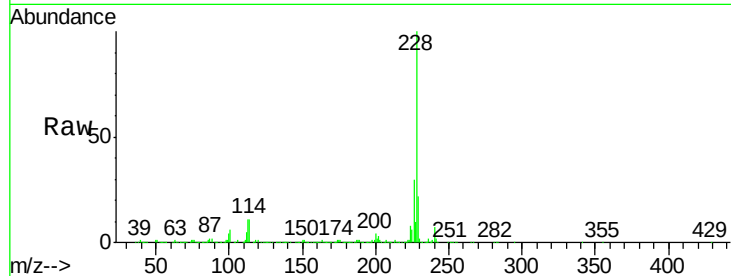
226 30.3 26.2 39.4

229 21.9 18.9 28.3

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 30.963 ng

RT: 21.46 min Scan# 3127

Delta R.T. -0.03 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

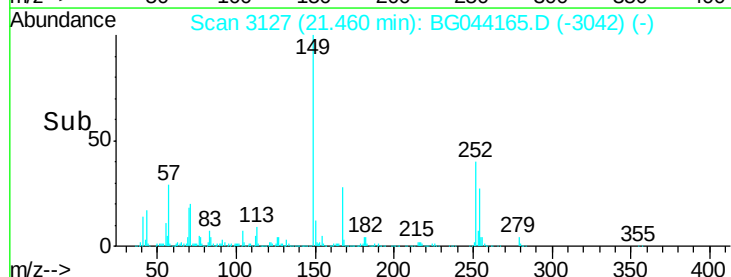
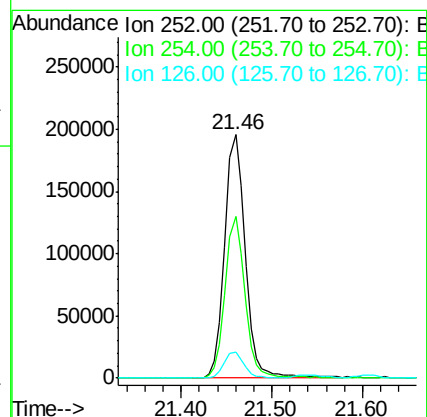
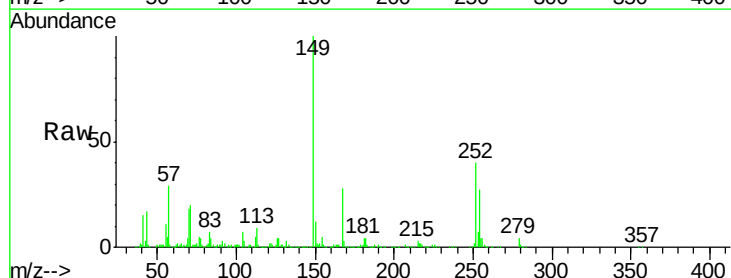
Tgt Ion:252 Resp: 309414

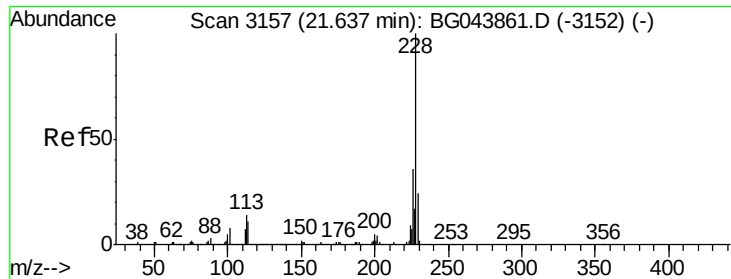
Ion Ratio Lower Upper

252 100

254 66.6 52.1 78.1

126 10.4 9.1 13.7





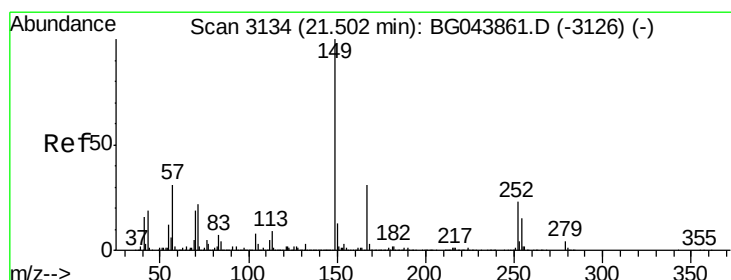
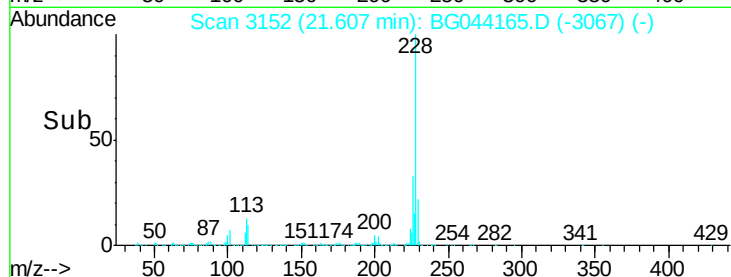
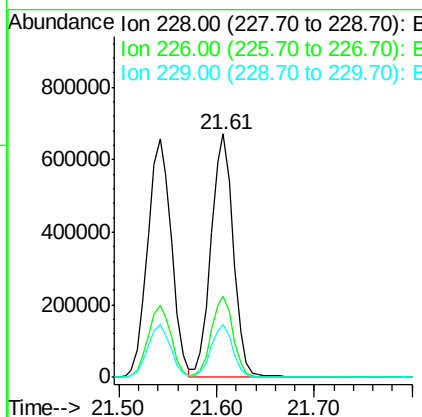
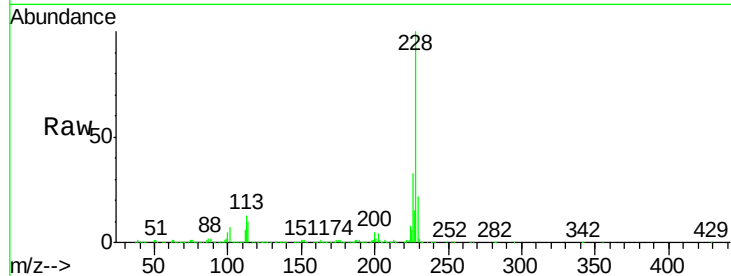
#83
Chrysene
Concen: 43.883 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.03 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :
PB126284BS

Tot Ion:228 Resp: 1054706
Ion Ratio Lower Upper
228 100
226 33.1 28.8 43.2
229 21.9 19.0 28.6

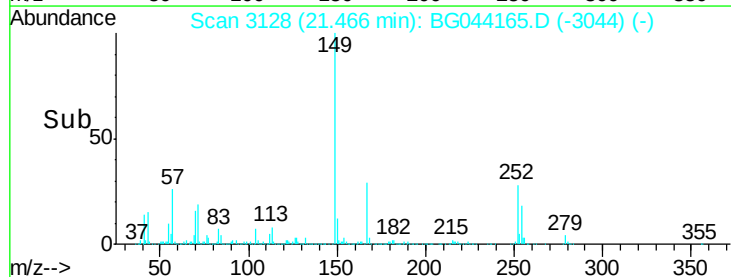
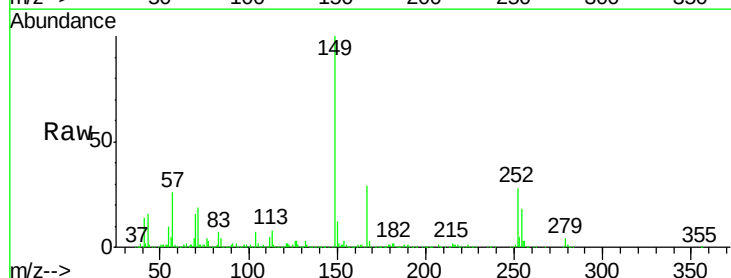
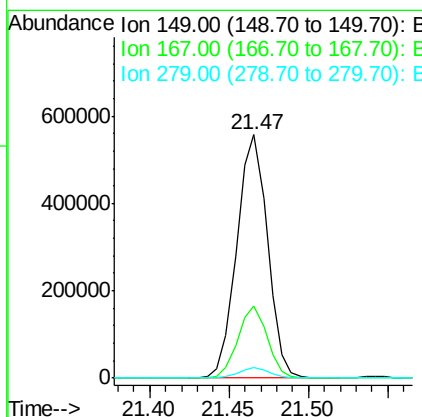
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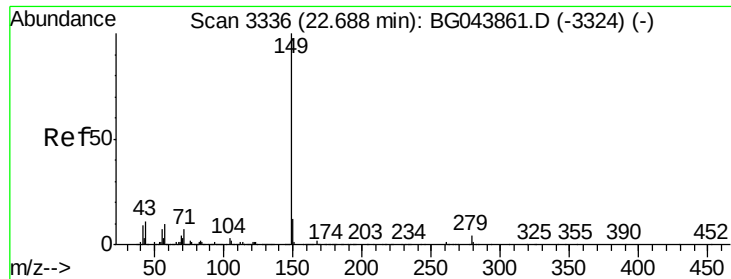
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.666 ng
RT: 21.47 min Scan# 3128
Delta R.T. -0.04 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion:149 Resp: 746295
Ion Ratio Lower Upper
149 100
167 29.4 24.7 37.1
279 4.4 3.3 4.9





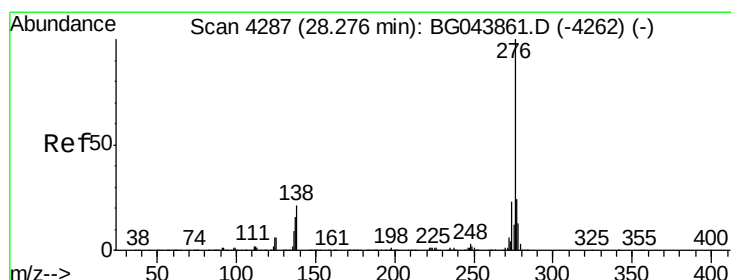
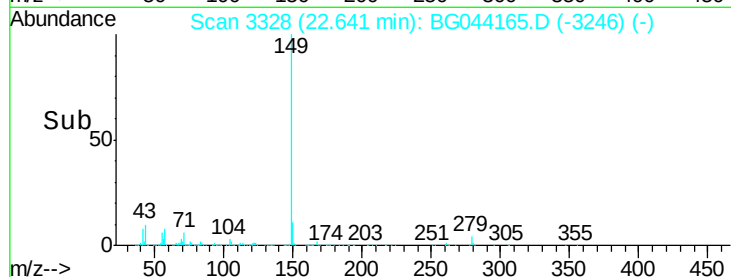
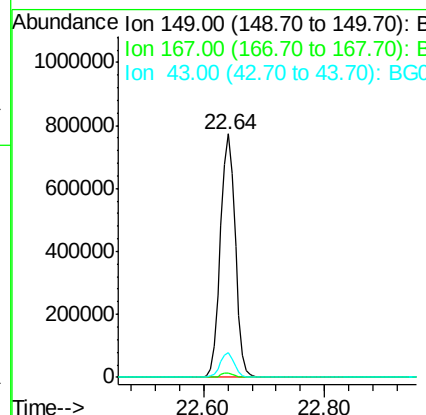
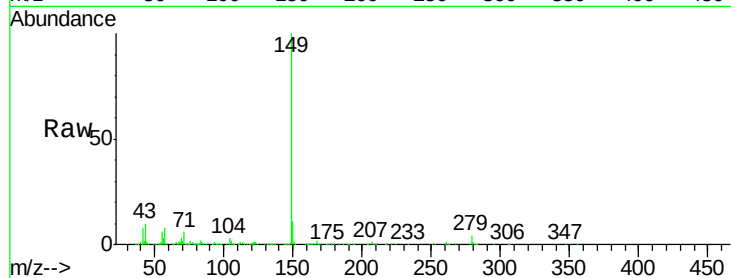
#85
Di-n-octyl phthalate
Concen: 44.447 ng
RT: 22.64 min Scan# 3328
Delta R.T. -0.05 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :
PB126284BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.6	8.8	13.2

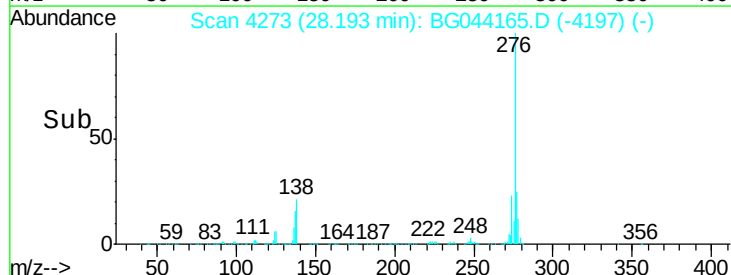
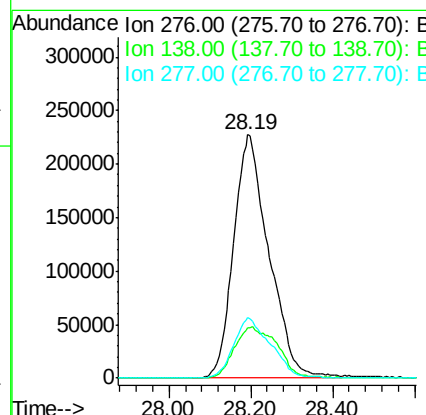
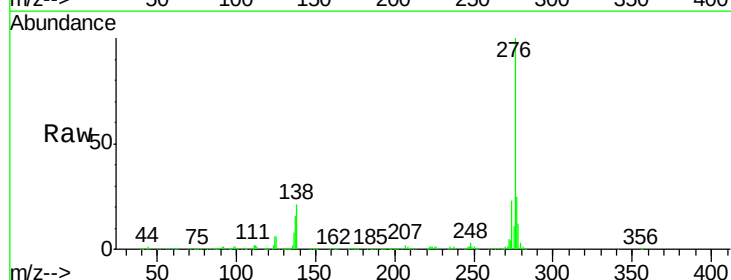
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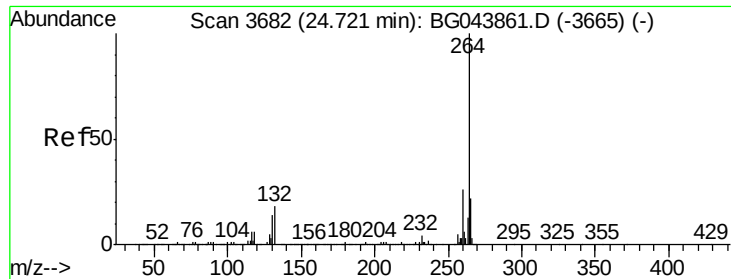
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.587 ng
RT: 28.19 min Scan# 4273
Delta R.T. -0.08 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.6	21.0	31.4
277	26.0	21.1	31.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.05 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Instrument :

BNA_G

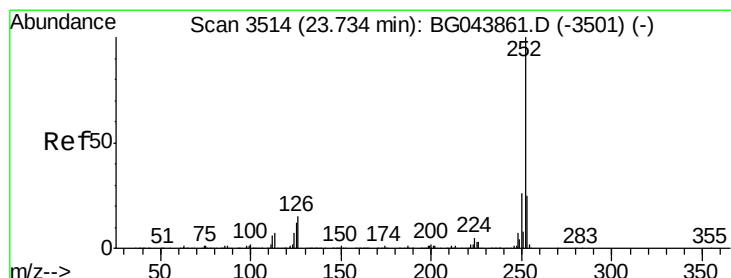
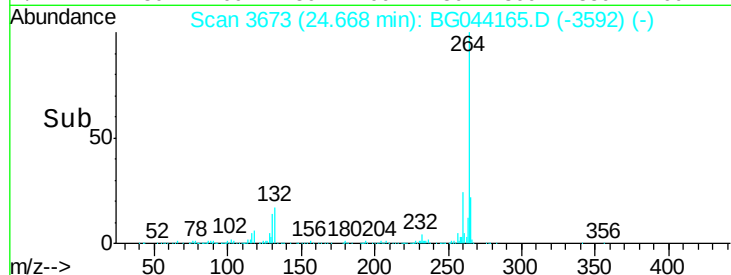
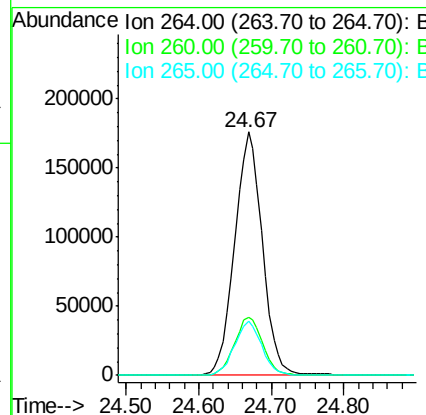
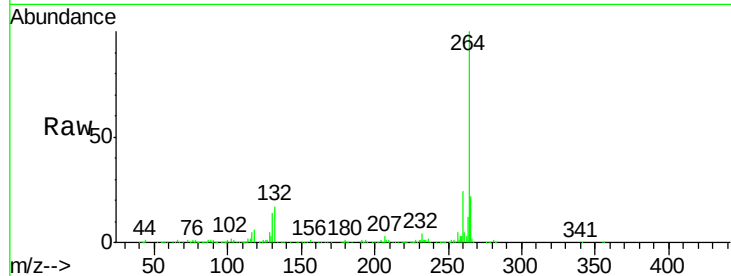
ClientSampleId :

PB126284BS

Tot Ion:	264	Resp:	468424
Ion Ratio		Lower	Upper
264	100		
260	23.8	20.4	30.6
265	22.2	17.4	26.2

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 42.104 ng

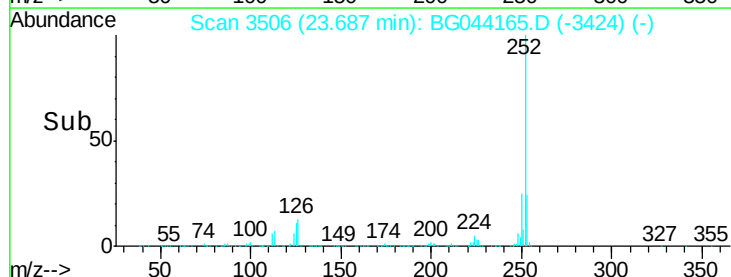
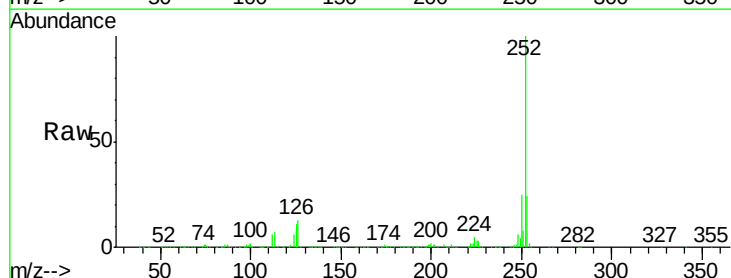
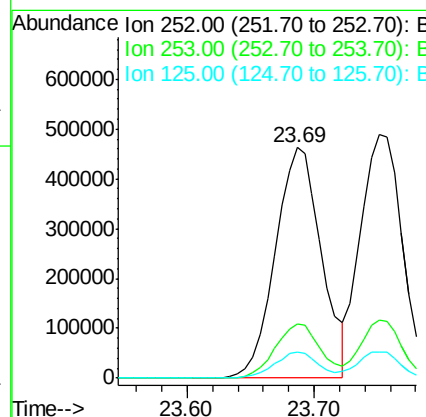
RT: 23.69 min Scan# 3506

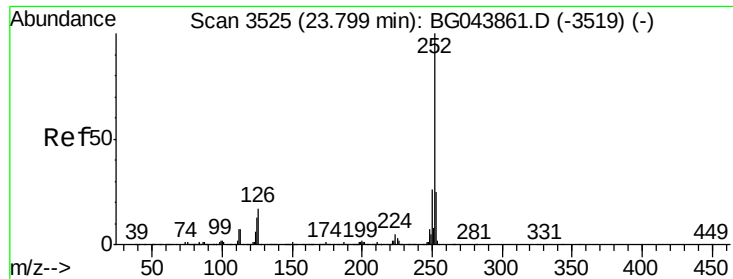
Delta R.T. -0.05 min

Lab File: BG044165.D

Acq: 23 Jan 2020 13:05

Tgt Ion:	252	Resp:	1165955
Ion Ratio		Lower	Upper
252	100		
253	23.6	19.7	29.5
125	11.2	9.4	14.2





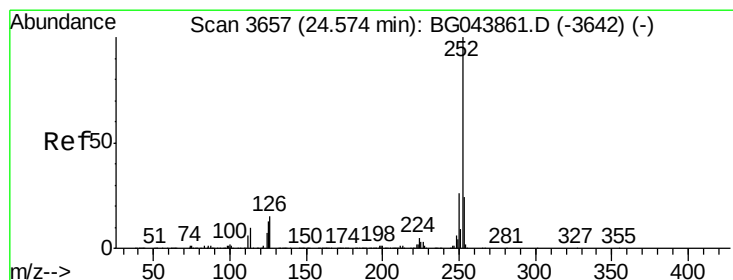
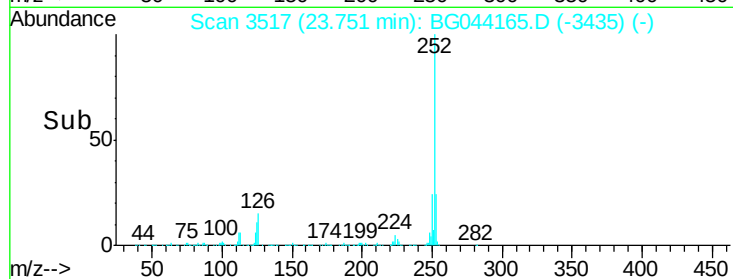
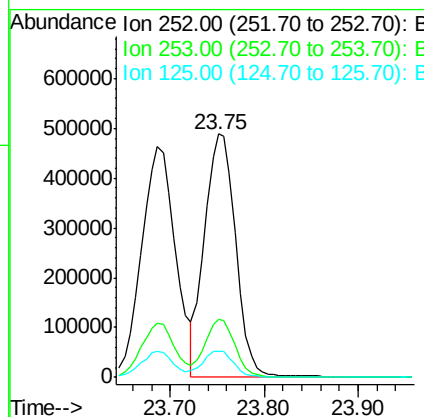
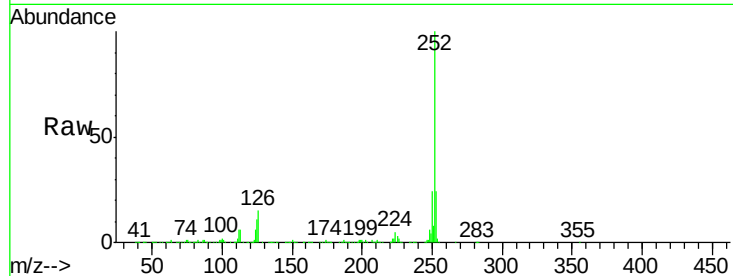
#89
Benzo(k)fluoranthene
Concen: 42.770 ng
RT: 23.75 min Scan# 3517
Delta R.T. -0.05 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :
PB126284BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.4	29.2
125	10.8	9.9	14.9

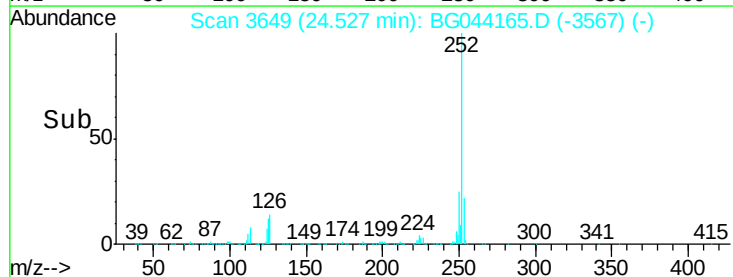
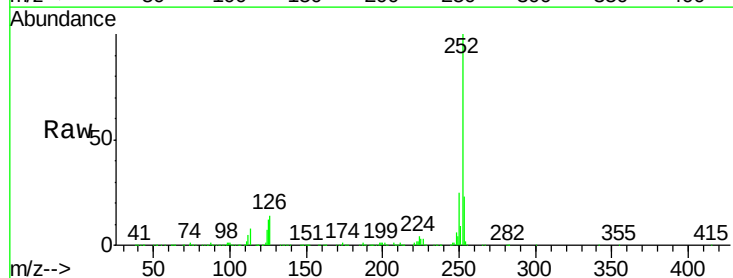
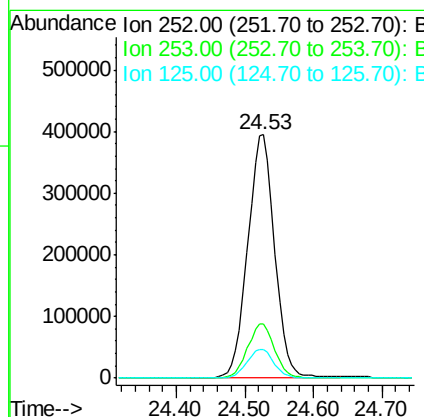
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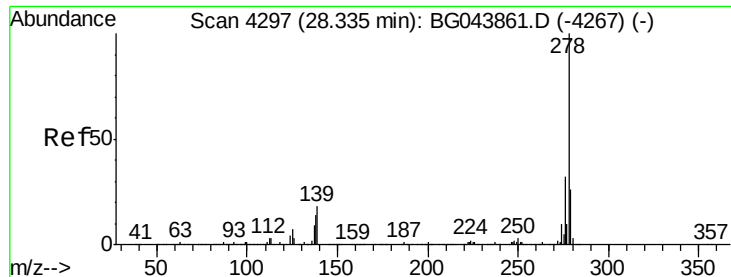
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#90
Benzo(a)pyrene
Concen: 41.257 ng
RT: 24.53 min Scan# 3649
Delta R.T. -0.05 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.3	28.9
125	11.7	10.4	15.6





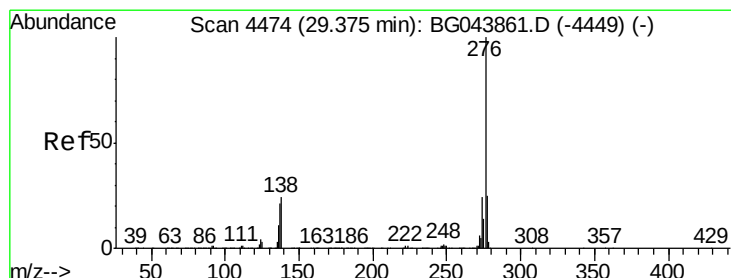
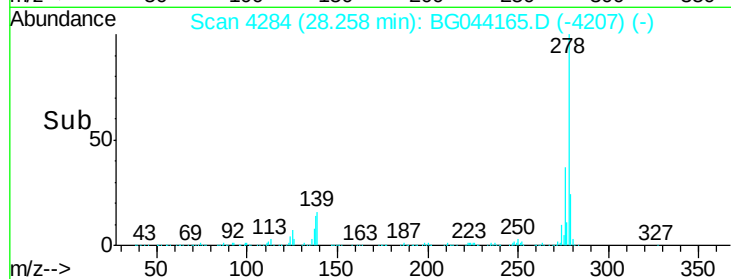
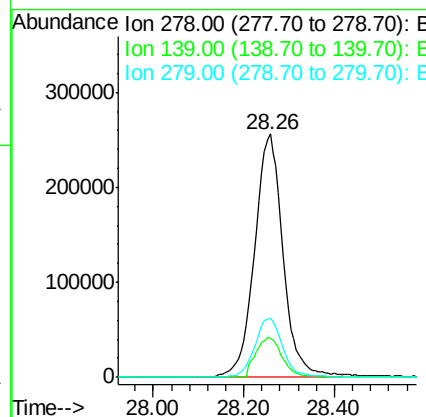
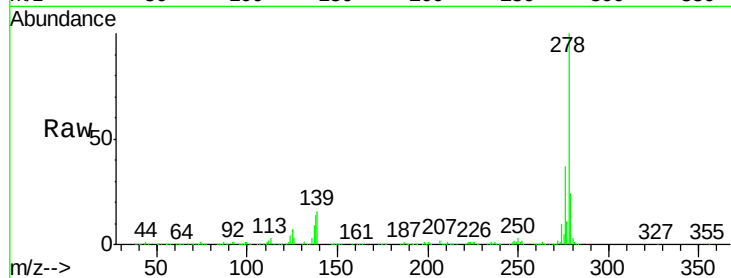
#91
Dibenzo(a,h)anthracene
Concen: 42.444 ng
RT: 28.26 min Scan# 4284
Delta R.T. -0.08 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Instrument :
BNA_G
ClientSampleId :
PB126284BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	14.2	21.4
279	24.4	20.6	30.8

Manual Integrations
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1/24/2020 1:53:34 PM



#92
Benzo(g,h,i)perylene
Concen: 43.732 ng
RT: 29.30 min Scan# 4461
Delta R.T. -0.08 min
Lab File: BG044165.D
Acq: 23 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	20.2	30.4
138	22.2	19.0	28.6

