

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
 Data File : BG043968.D
 Acq On : 8 Jan 2020 15:26
 Operator : JU
 Sample : PB125946BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125946BS

Manual Integrations
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mohammad
 1/9/2020 12:10:02 PM

Quant Time: Jan 09 06:40:01 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	7.95	152	108738	20.00	ng	-0.01
21) Naphthalene-d8	10.76	136	469461	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	310258	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	665547	20.00	ng	0.00
76) Chrysene-d12	21.58	240	559850	20.00	ng	0.00
87) Perylene-d12	24.71	264	569841	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	782378	132.11	ng	0.00
7) Phenol-d6	7.12	99	1028868	124.29	ng	0.00
23) Nitrobenzene-d5	9.11	82	634505	72.30	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	386269	118.97	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1397322	81.60	ng	-0.01
79) Terphenyl-d14	19.94	244	1964868	84.48	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.42	88	113603	43.995 ng	97
3) Pyridine	3.82	79	270142	35.414 ng	95
4) n-Nitrosodimethylamine	3.73	42	134077	39.478 ng	96
6) Aniline	7.28	93	350045	32.194 ng	97
8) 2-Chlorophenol	7.52	128	323727	46.563 ng	99
9) Benzaldehyde	7.09	77	192220	36.280 ng	99
10) Phenol	7.15	94	395798	46.406 ng	97
11) bis(2-Chloroethyl)ether	7.37	93	304773	41.397 ng	99
12) 1,3-Dichlorobenzene	7.85	146	339285	41.702 ng	98
13) 1,4-Dichlorobenzene	7.99	146	337478	42.040 ng	99
14) 1,2-Dichlorobenzene	8.31	146	321479	41.723 ng	99
15) Benzyl Alcohol	8.19	79	275898	42.230 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	421174	36.977 ng	99
17) 2-Methylphenol	8.40	107	279432	45.273 ng	98
18) Hexachloroethane	9.04	117	126055	40.356 ng	95
19) n-Nitroso-di-n-propylamine	8.76	70	238547	38.695 ng	98
20) 3+4-Methylphenols	8.73	107	388231	45.089 ng	98
22) Acetophenone	8.78	105	439557	37.662 ng	# 98
24) Nitrobenzene	9.15	77	334252	38.457 ng	99
25) Isophorone	9.68	82	653982	39.722 ng	99
26) 2-Nitrophenol	9.87	139	183969	44.738 ng	95
27) 2,4-Dimethylphenol	9.93	122	309655	50.025 ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	410943	37.439 ng	98
29) 2,4-Dichlorophenol	10.40	162	323638	43.832 ng	97
30) 1,2,4-Trichlorobenzene	10.62	180	316349	38.212 ng	98
31) Naphthalene	10.81	128	933599	41.095 ng	100
32) Benzoic acid	10.07	122	175147	36.474 ng	91
33) 4-Chloroaniline	10.91	127	248832	22.964 ng	97
34) Hexachlorobutadiene	11.10	225	181929	35.992 ng	96
35) Caprolactam	11.68	113	122185m	44.452 ng	
36) 4-Chloro-3-methylphenol	12.04	107	344317	43.805 ng	99
37) 2-Methylnaphthalene	12.42	142	709356	41.474 ng	96
38) 1-Methylnaphthalene	12.64	142	666468	41.115 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	330392	36.332 ng	99

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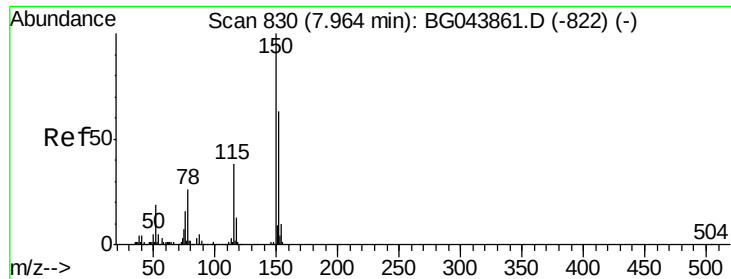
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Quant Time: Jan 09 06:40:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	397397	84.292	nq	98
43) 2,4,6-Trichlorophenol	13.02	196	259028	41.397	nq	98
44) 2,4,5-Trichlorophenol	13.09	196	280655	43.489	nq	97
46) 1,1'-Biphenyl	13.42	154	887681	39.905	nq	99
47) 2-Chloronaphthalene	13.46	162	685144	38.116	nq	98
48) 2-Nitroaniline	13.66	65	218149	37.728	nq	97
49) Acenaphthylene	14.31	152	1094291	42.355	nq	98
50) Dimethylphthalate	14.05	163	901043	40.902	nq	99
51) 2,6-Dinitrotoluene	14.16	165	206045	41.381	nq	96
52) Acenaphthene	14.65	154	691347	38.157	nq	98
53) 3-Nitroaniline	14.49	138	155576	27.515	nq	99
54) 2,4-Dinitrophenol	14.69	184	204865	80.710	nq	97
55) Dibenzofuran	14.99	168	1047326	41.990	nq	98
56) 4-Nitrophenol	14.80	139	398403	91.948	nq	96
57) 2,4-Dinitrotoluene	14.94	165	285650	42.161	nq	99
58) Fluorene	15.64	166	821698	41.565	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	242152	43.636	nq	96
60) Diethylphthalate	15.41	149	911699	41.377	nq	98
61) 4-Chlorophenyl-phenylether	15.63	204	425648	39.652	nq	97
62) 4-Nitroaniline	15.65	138	210733	37.741	nq	95
63) Azobenzene	15.93	77	829596	40.599	nq	97
65) 4,6-Dinitro-2-methylphenol	15.71	198	160554	46.929	nq	98
66) n-Nitrosodiphenylamine	15.84	169	785391	40.072	nq	100
67) 4-Bromophenyl-phenylether	16.53	248	276877	36.989	nq	97
68) Hexachlorobenzene	16.65	284	297738	36.914	nq	98
69) Atrazine	16.80	200	300825	47.219	nq	99
70) Pentachlorophenol	16.99	266	361492	81.303	nq	99
71) Phenanthrene	17.38	178	1318912	41.315	nq	99
72) Anthracene	17.47	178	1348584	42.746	nq	99
73) Carbazole	17.74	167	1242712	42.643	nq	98
74) Di-n-butylphthalate	18.30	149	1520683	40.870	nq	98
75) Fluoranthene	19.39	202	1511416	41.399	nq	98
77) Benzidine	19.56	184	623410	44.301	nq	97
78) Pyrene	19.75	202	1512089	41.378	nq	98
80) Butylbenzylphthalate	20.64	149	705571	40.554	nq	97
81) Benzo(a)anthracene	21.57	228	1413196	40.709	nq	98
82) 3,3'-Dichlorobenzidine	21.48	252	412977	30.112	nq	99
83) Chrysene	21.63	228	1363903	41.348	nq	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	990742	41.271	nq	98
85) Di-n-octyl phthalate	22.68	149	1708233	42.327	nq	97
86) Indeno(1,2,3-cd)pyrene	28.26	276	1704689	38.028	nq	# 94
88) Benzo(b)fluoranthene	23.73	252	1462989	43.428	nq	98
89) Benzo(k)fluoranthene	23.79	252	1444544	45.093	nq	99
90) Benzo(a)pyrene	24.56	252	1358092	42.714	nq	99
91) Dibenzo(a,h)anthracene	28.32	278	1427863	44.716	nq	100
92) Benzo(g,h,i)perylene	29.36	276	1437002	45.305	nq	98

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



#1

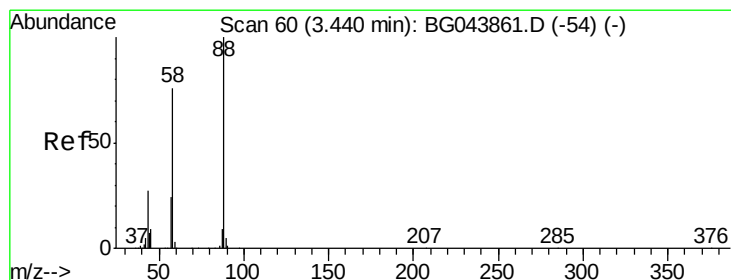
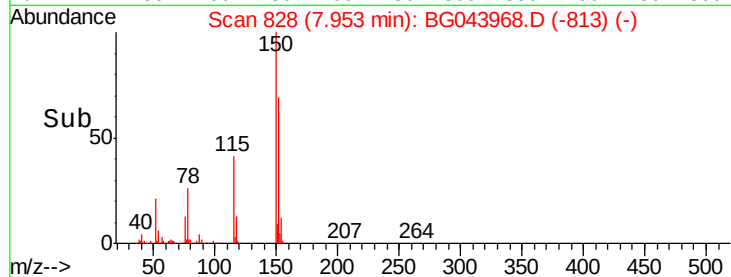
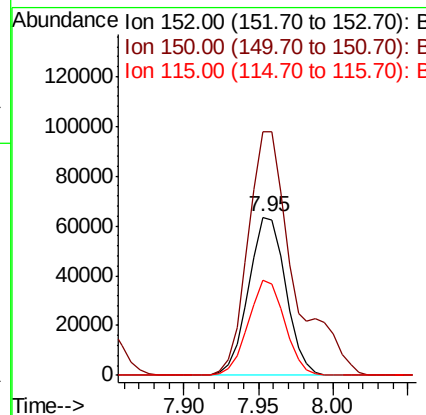
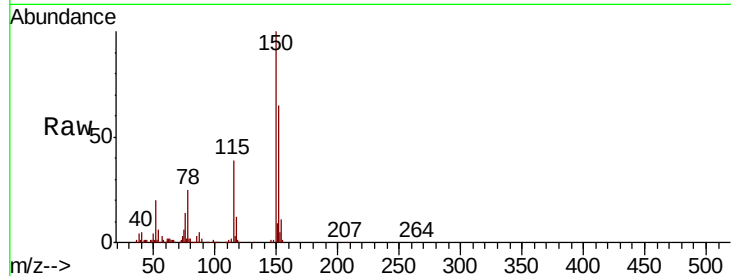
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB125946BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	127.0	190.4
115	60.2	47.8	71.8

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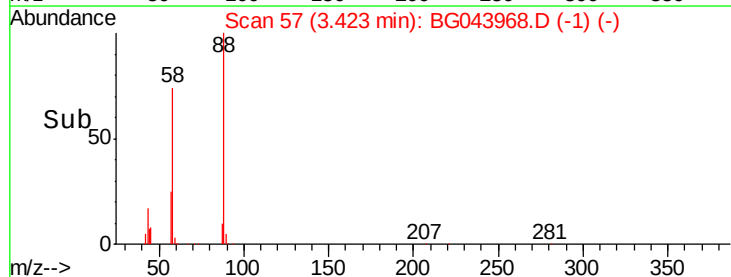
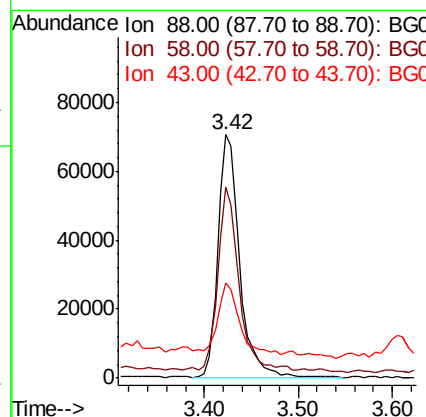
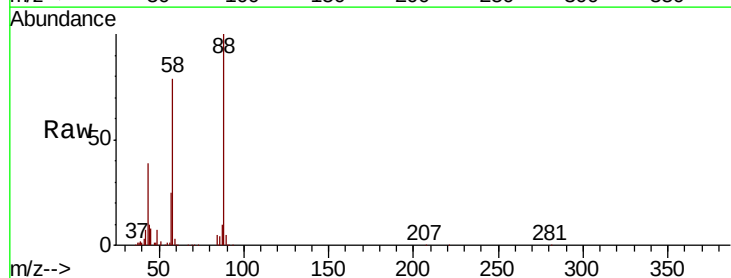
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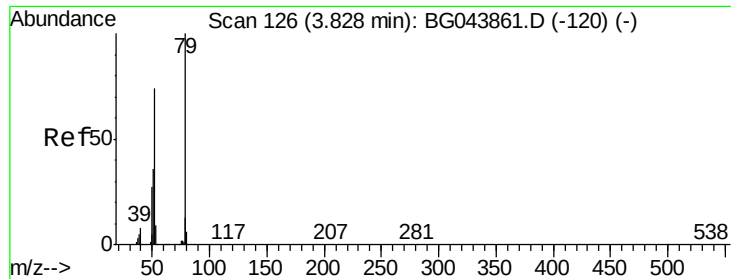


#2

1,4-Dioxane
Concen: 43.995 ng
RT: 3.42 min Scan# 57
Delta R.T. -0.02 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.7	59.8	89.8
43	29.3	22.9	34.3





#3

Pvridine

Concen: 35.414 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

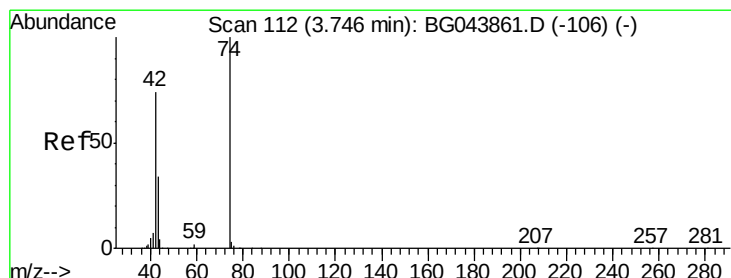
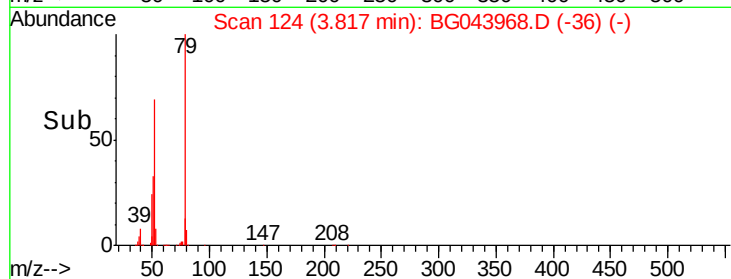
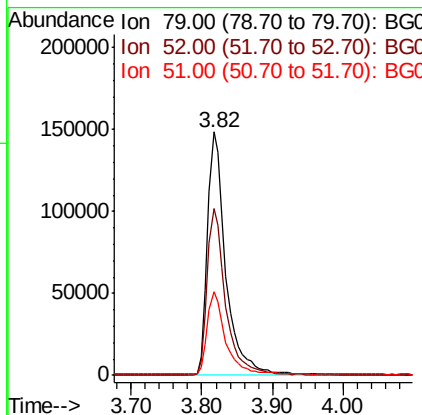
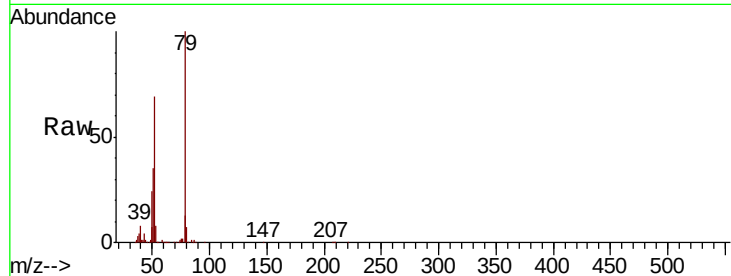
ClientSampleId :

PB125946BS

Tot Ion:	79	Resp:	270142
Ion	Ratio	Lower	Upper
79	100		
52	68.5	58.9	88.3
51	34.5	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 39.478 ng

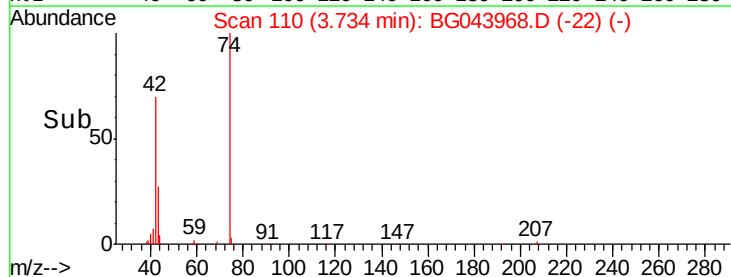
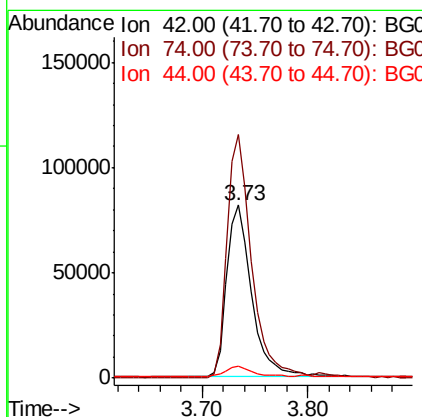
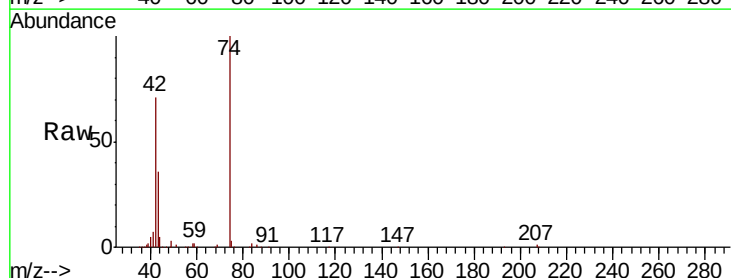
RT: 3.73 min Scan# 110

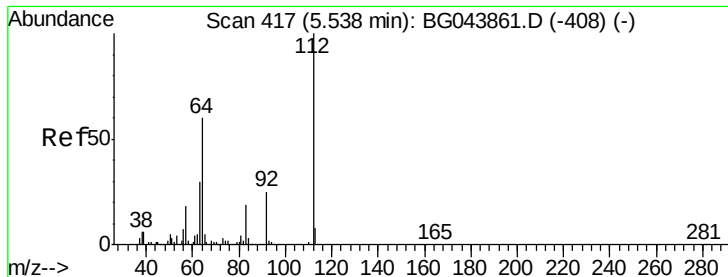
Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Tgt Ion:	42	Resp:	134077
Ion	Ratio	Lower	Upper
42	100		
74	140.8	108.6	162.8
44	6.7	5.0	7.6





#5

2-Fluorophenol

Concen: 132.110 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

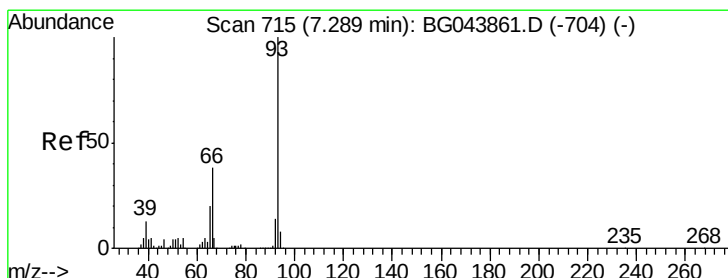
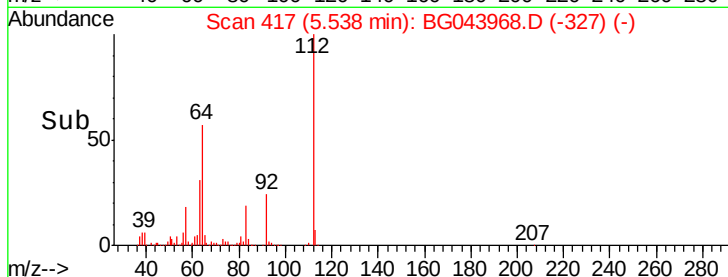
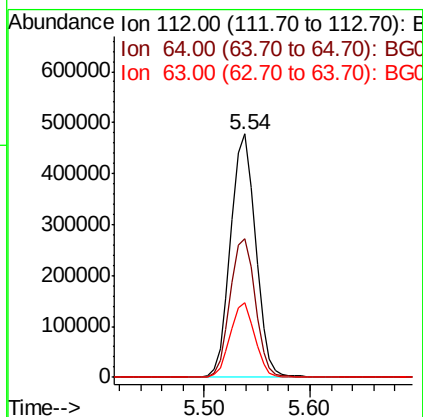
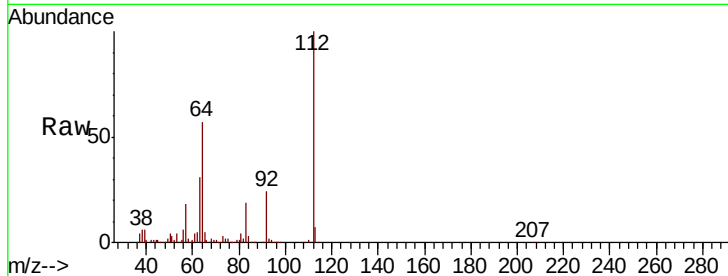
ClientSampleId :

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Tot Ion:	112	Resp:	782378
Ion Ratio	Lower	Upper	
112	100		
64	57.0	47.8	71.6
63	30.5	24.3	36.5

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#6

Aniline

Concen: 32.194 ng

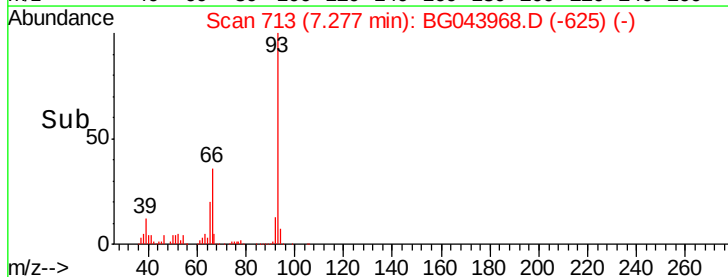
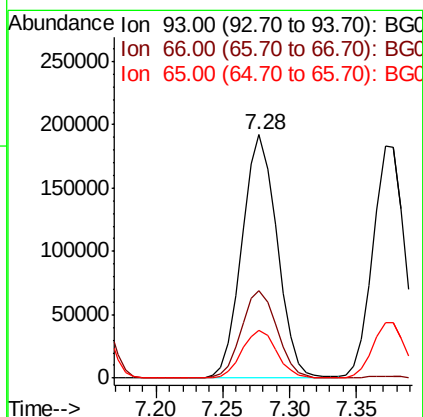
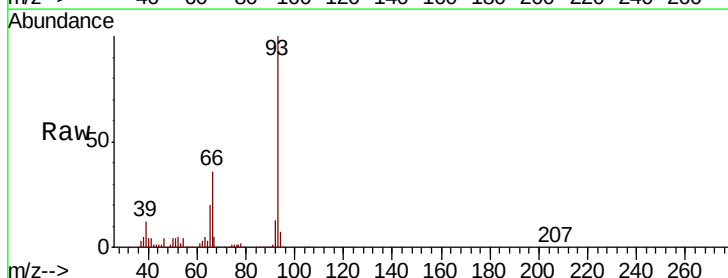
RT: 7.28 min Scan# 713

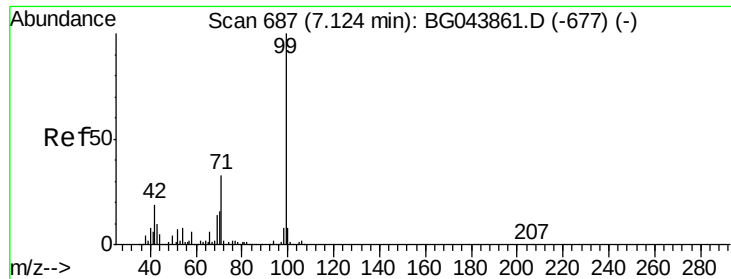
Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Tgt Ion:	93	Resp:	350045
Ion Ratio	Lower	Upper	
93	100		
66	35.9	30.8	46.2
65	19.6	16.0	24.0





#7

Phenol-d6

Concen: 124.288 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB125946BS

Tot Ion: 99 Resp: 1028868

Ion Ratio Lower Upper

99 100

42 18.1 14.9 22.3

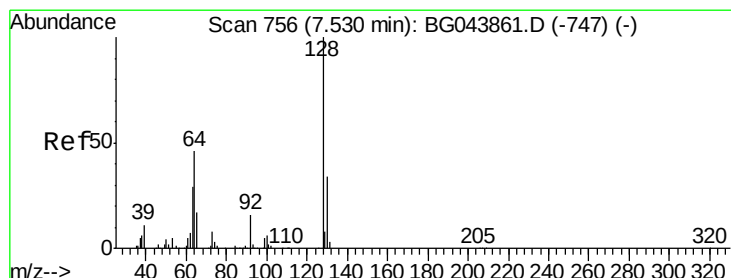
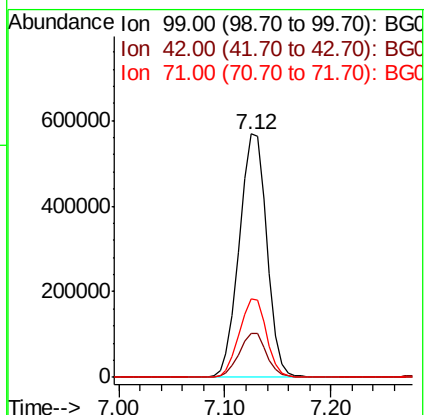
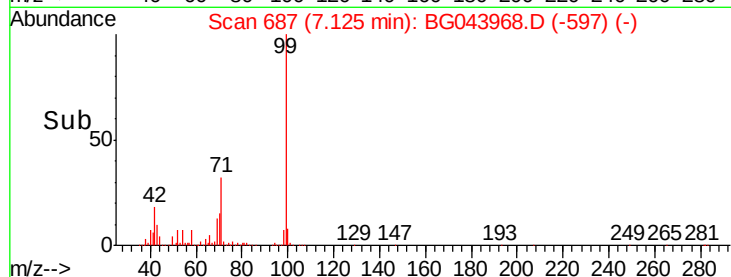
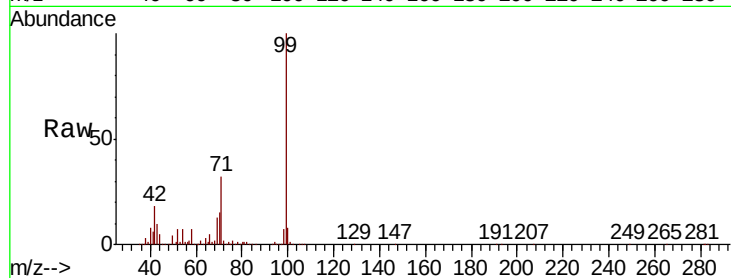
71 32.2 26.4 39.6

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#8

2-Chlorophenol

Concen: 46.563 ng

RT: 7.52 min Scan# 755

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

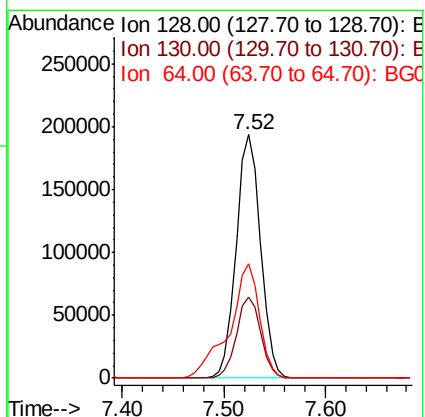
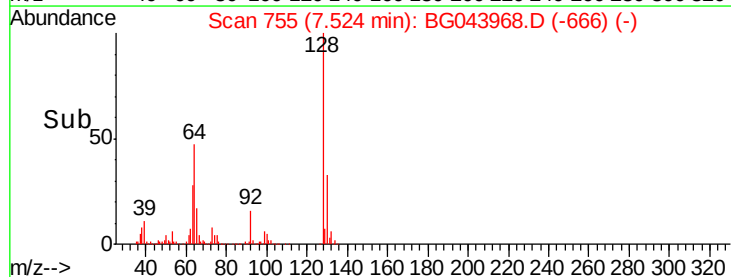
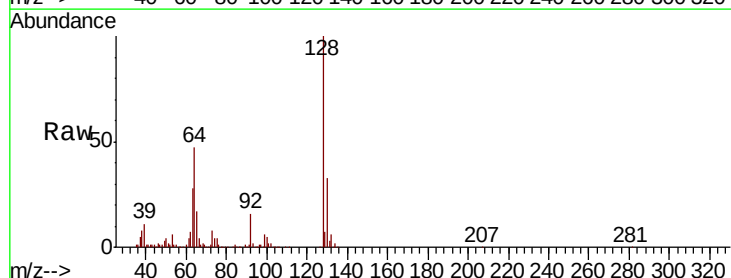
Tgt Ion: 128 Resp: 323727

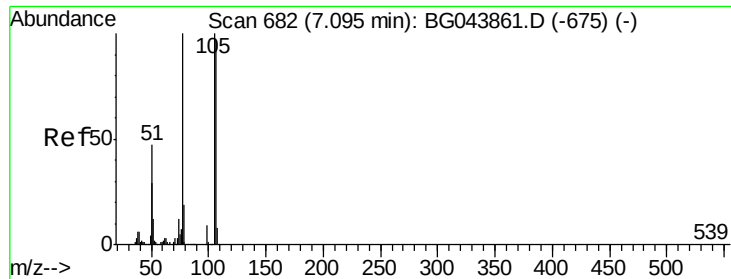
Ion Ratio Lower Upper

128 100

130 33.1 13.8 53.8

64 46.8 27.6 67.6





#9

Benzaldehyde

Concen: 36.280 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

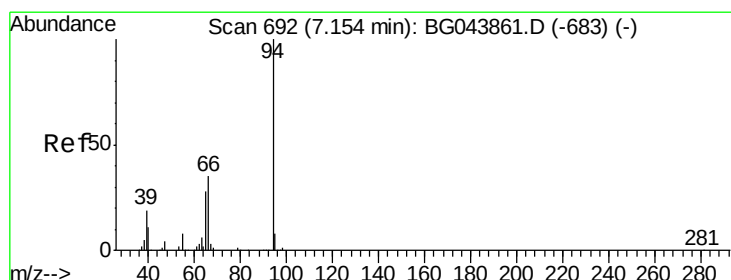
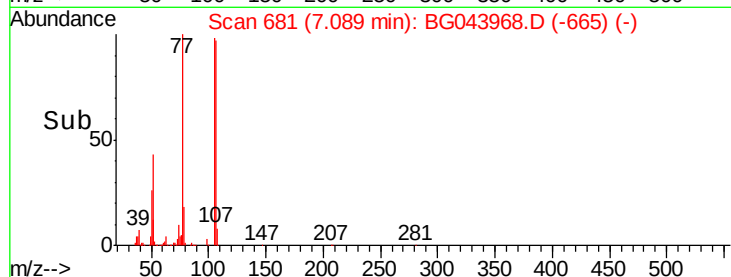
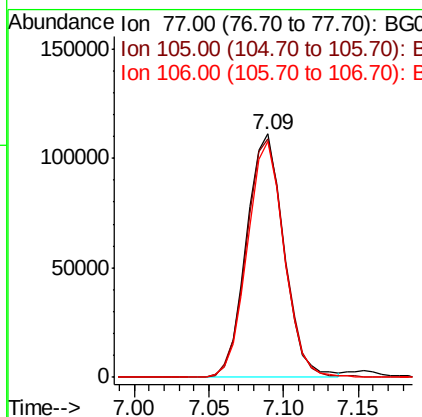
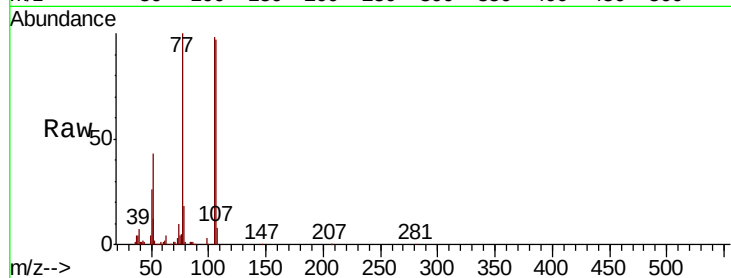
ClientSampleId :

PB125946BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.0	80.2	120.2
106	97.0	77.2	117.2

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#10

Phenol

Concen: 46.406 ng

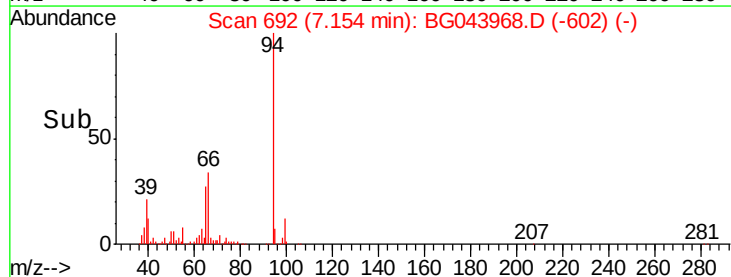
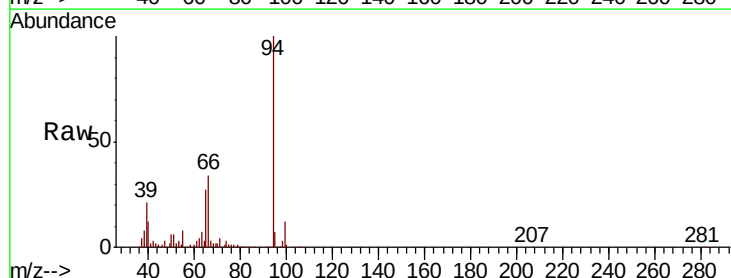
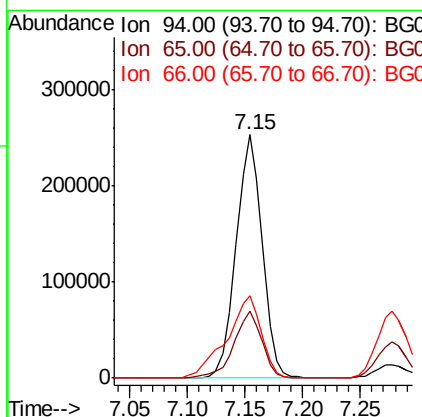
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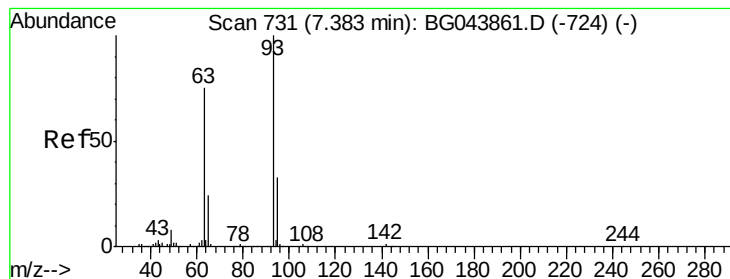
Delta R.T. 0.00 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.3	8.1	48.1
66	33.6	15.6	55.6





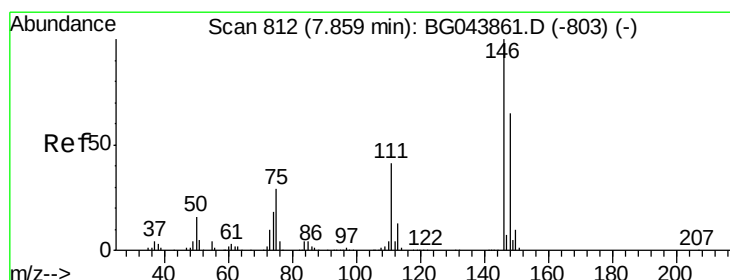
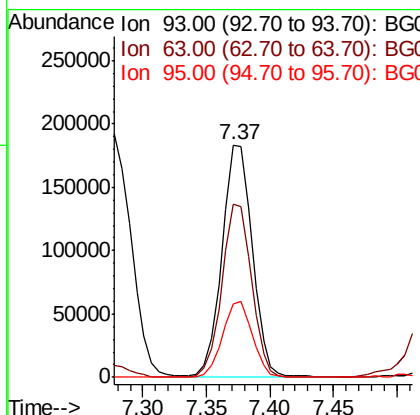
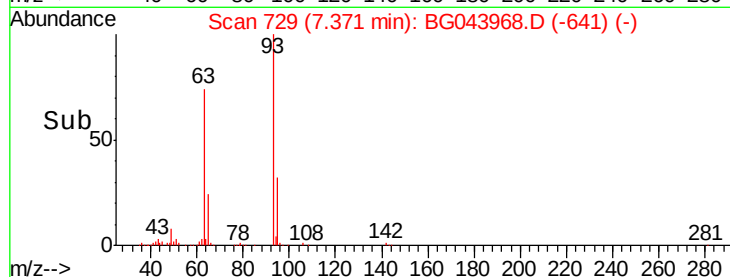
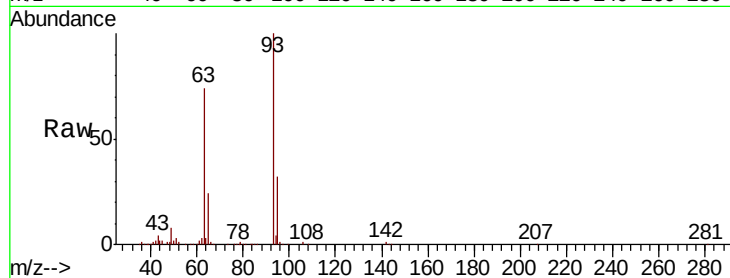
#11
bis(2-Chloroethyl)ether
Concen: 41.397 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB125946BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.2	55.0	95.0
95	31.7	13.3	53.3

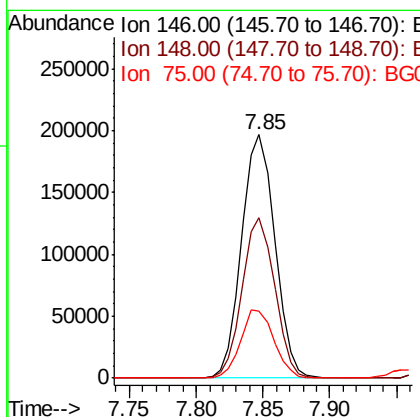
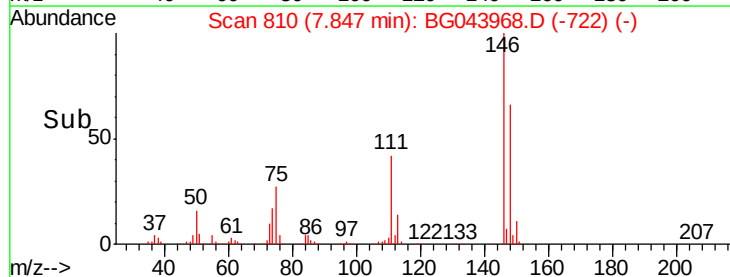
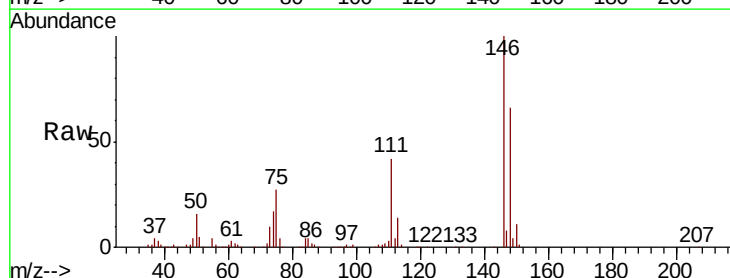
Manual Integrations
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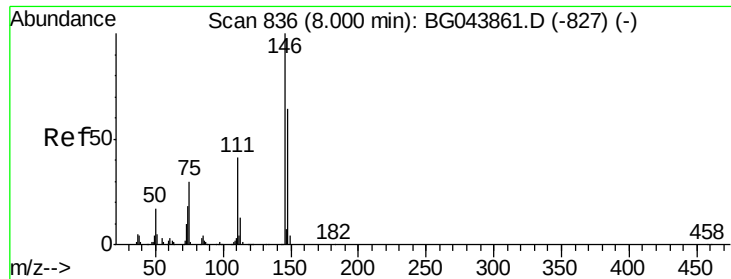
mohammad
1/9/2020 12:10:02 PM



#12
1,3-Dichlorobenzene
Concen: 41.702 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.1	78.1
75	27.3	23.0	34.4





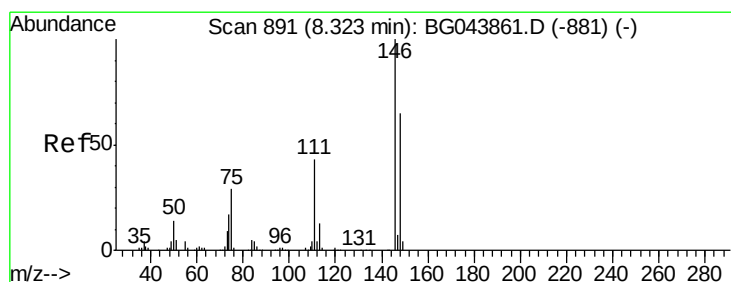
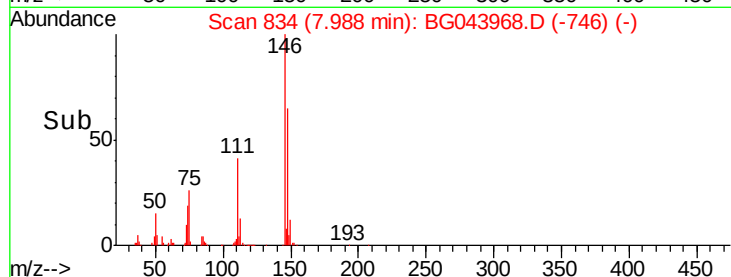
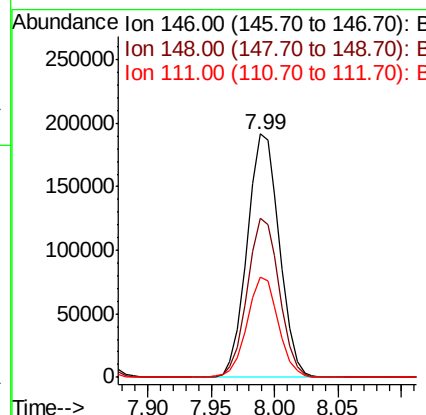
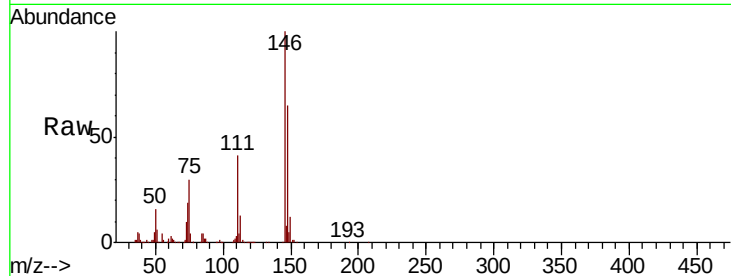
#13
1,4-Dichlorobenzene
Concen: 42.040 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB125946BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.2	76.8
111	41.4	33.1	49.7

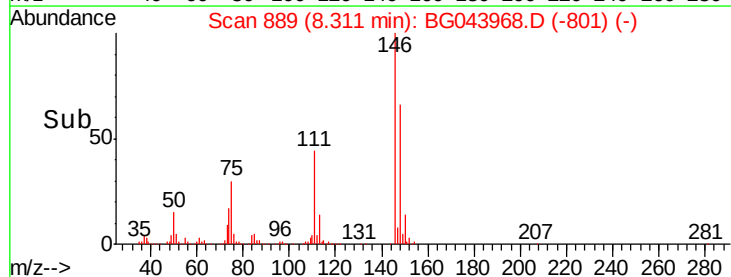
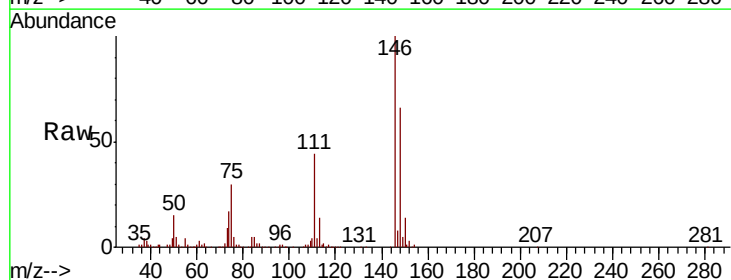
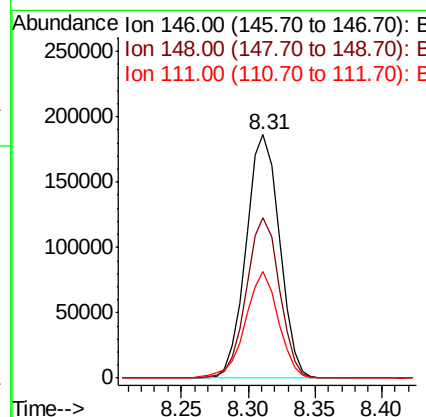
Manual Integrations
APPROVED

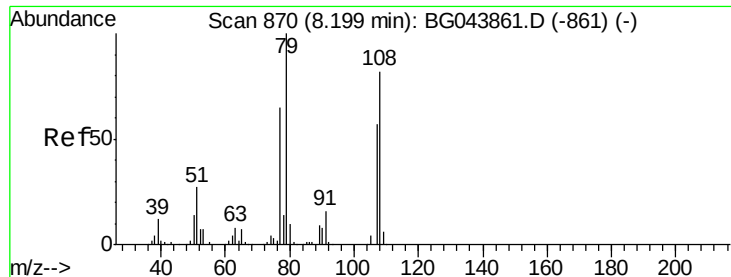
mohammad
1/9/2020 12:10:02 PM



#14
1,2-Dichlorobenzene
Concen: 41.723 ng
RT: 8.31 min Scan# 889
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.7	77.5
111	43.7	34.4	51.6





#15

Benzyl Alcohol

Concen: 42.230 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

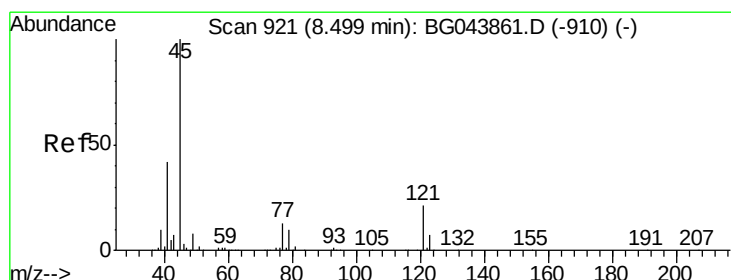
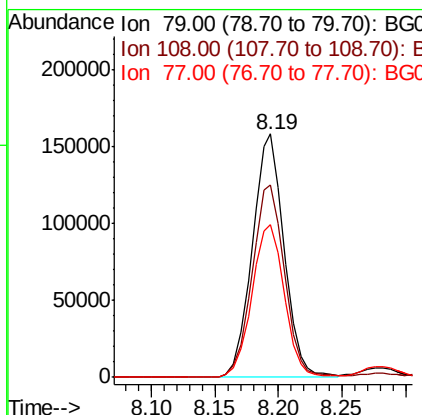
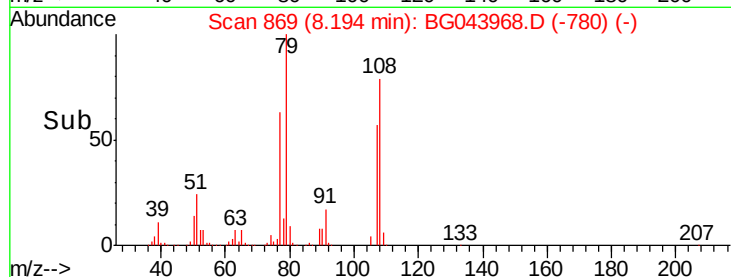
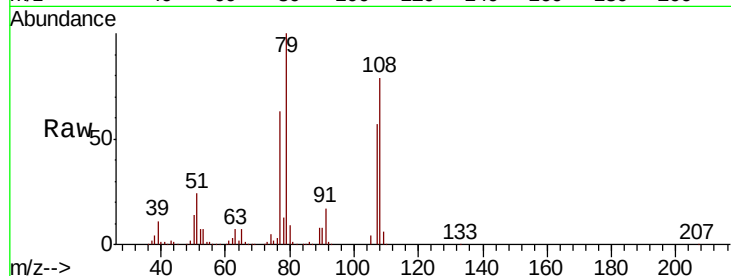
ClientSampleId :

PB125946BS

Tot Ion	79	Resp	275898
Ion Ratio	Lower	Upper	
79	100		
108	78.8	65.6	98.4
77	62.7	52.0	78.0

Manual Integrations
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1/9/2020 12:10:02 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.977 ng

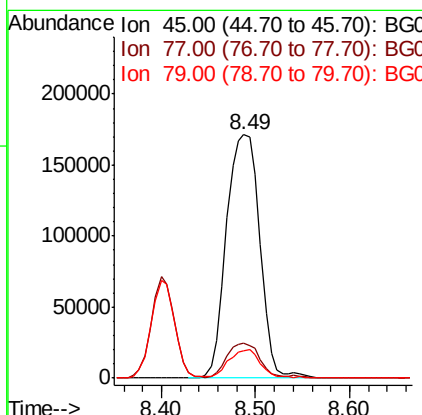
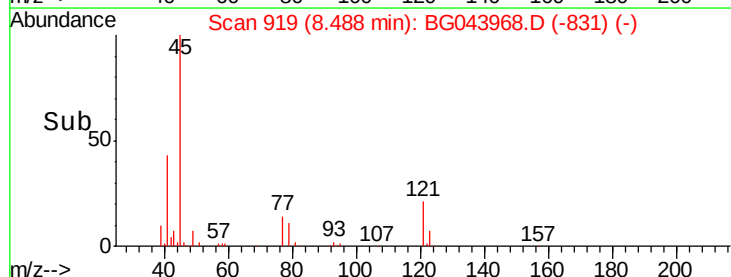
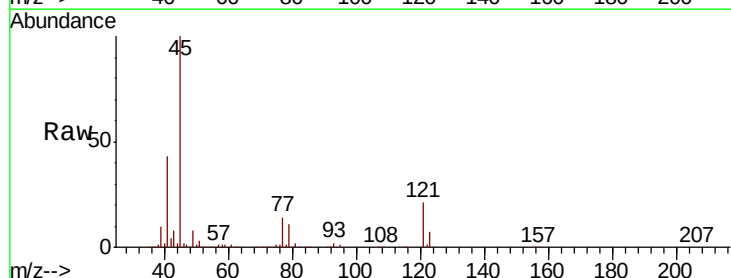
RT: 8.49 min Scan# 919

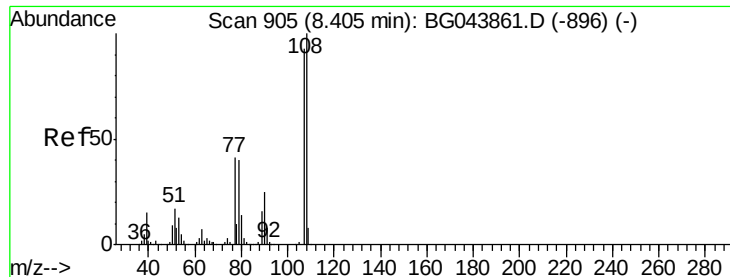
Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Tgt Ion	45	Resp	421174
Ion Ratio	Lower	Upper	
45	100		
77	14.2	0.0	33.8
79	11.5	0.0	31.0





#17

2-Methylphenol

Concen: 45.273 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

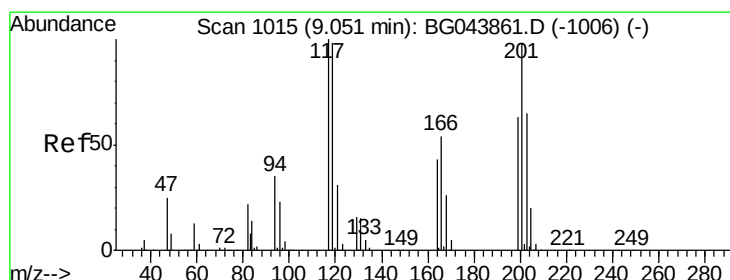
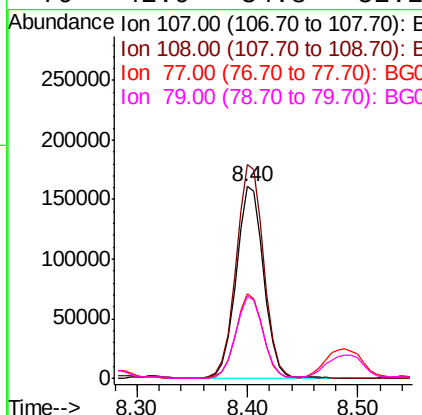
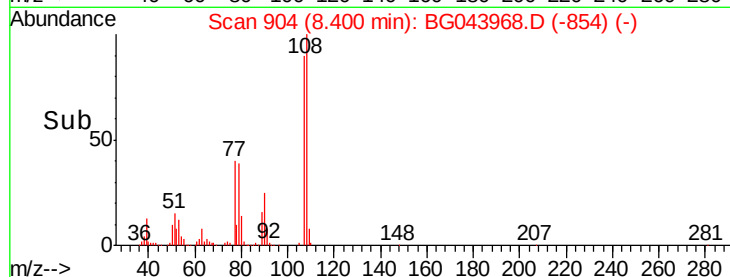
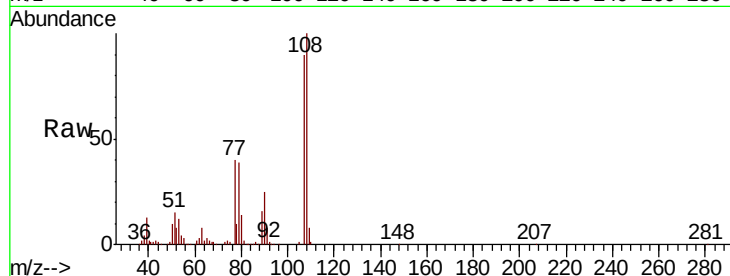
ClientSampleID :

PB125946BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	86.1	129.1	
77	44.2	35.4	53.0	
79	42.9	34.8	52.2	

Manual Integrations
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#18

Hexachloroethane

Concen: 40.356 ng

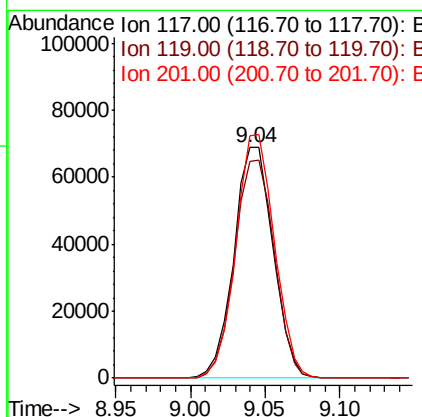
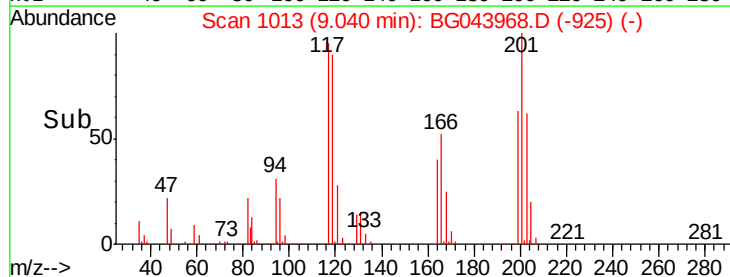
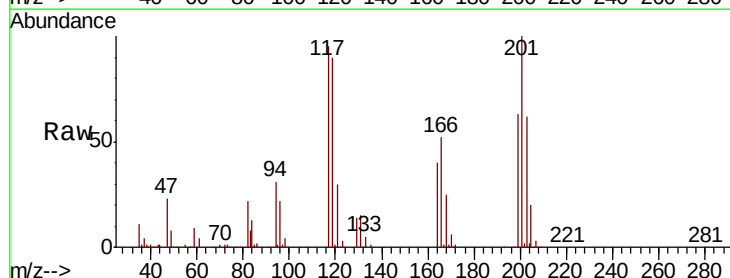
RT: 9.04 min Scan# 1013

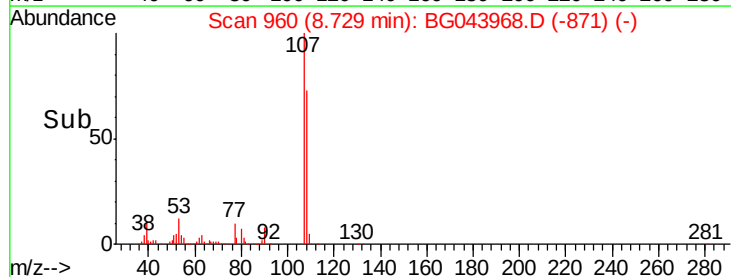
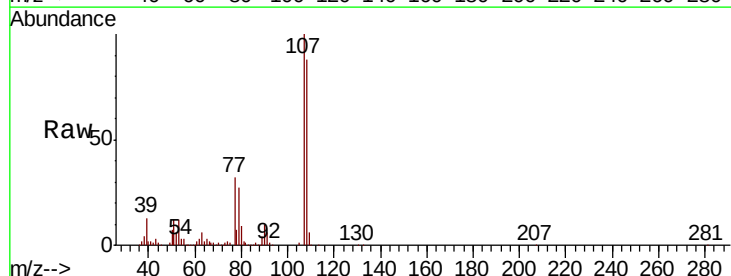
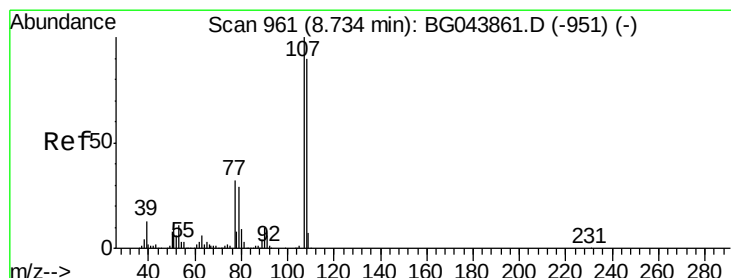
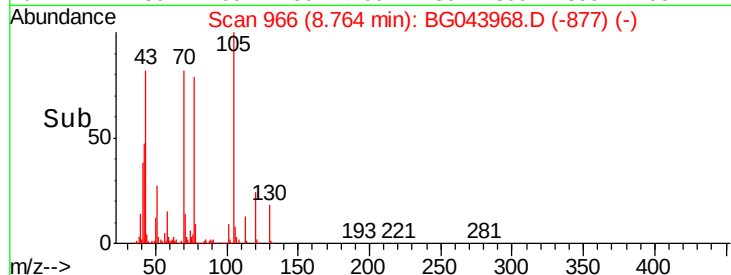
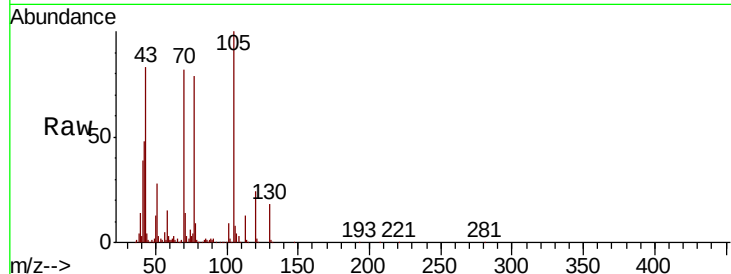
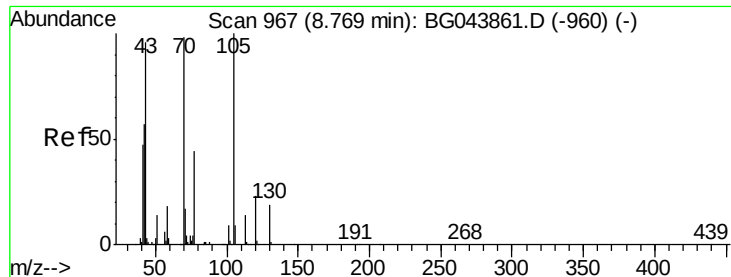
Delta R.T. -0.01 min

Lab File: BG043968.D

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Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.0	78.1	117.1	
201	104.8	78.6	117.8	





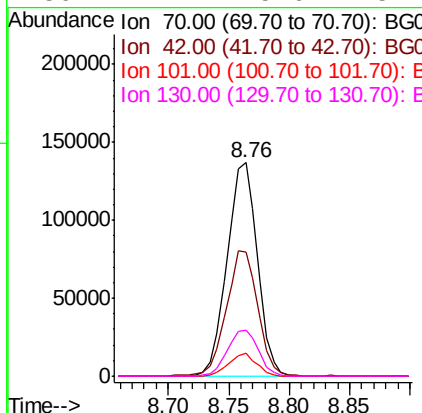
#19
n-Nitroso-di-n-propylamine
Concen: 38.695 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB125946BS

Tot Ion	Ion	Ratio	Lower	Upper
238547	70	100		
	42	58.1	47.0	70.4
	101	10.7	7.2	10.8
	130	21.7	15.6	23.4

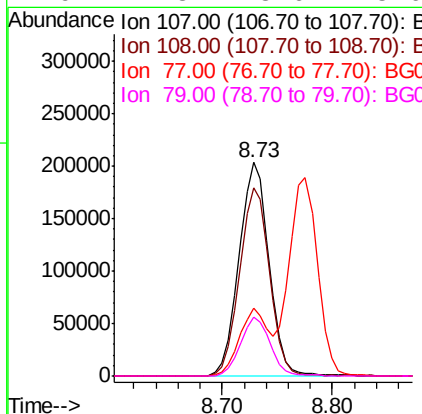
Manual Integrations
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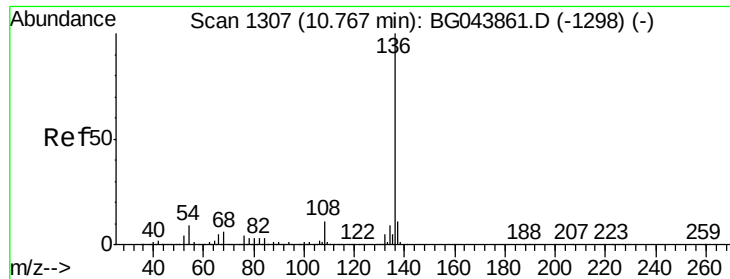
mohammad
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#20
3+4-Methylphenols
Concen: 45.089 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion	Ion	Ratio	Lower	Upper
388231	107	100		
	108	88.4	70.3	110.3
	77	31.8	12.4	52.4
	79	27.3	8.6	48.6





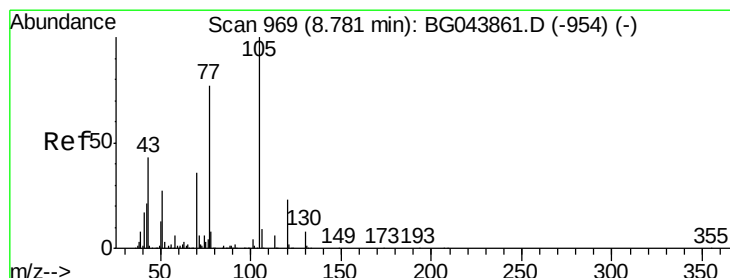
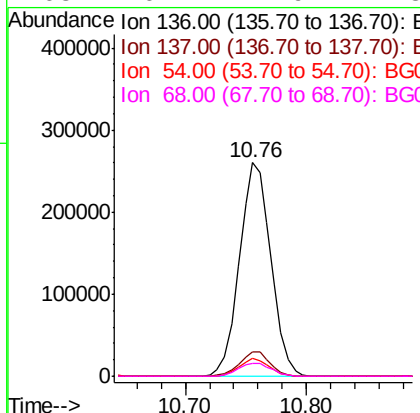
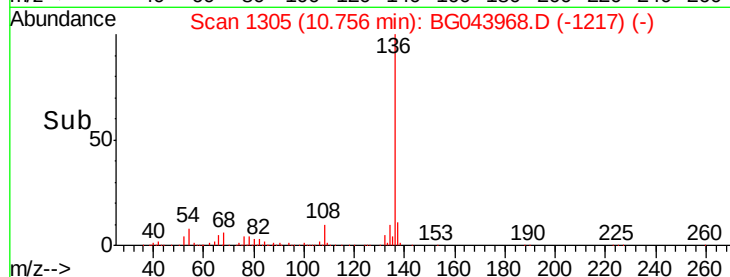
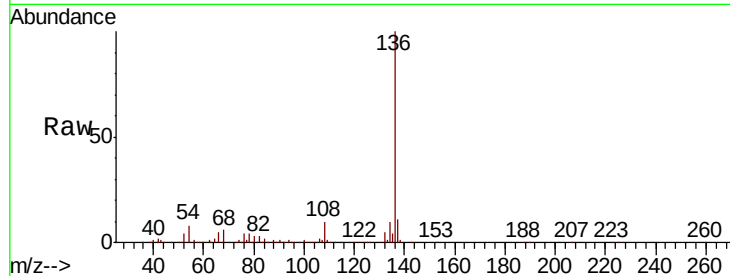
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB125946BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	469461		
137	11.3		8.8	13.2
54	8.2		7.0	10.4
68	6.1		4.9	7.3

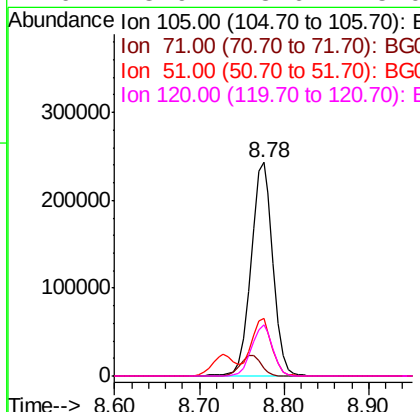
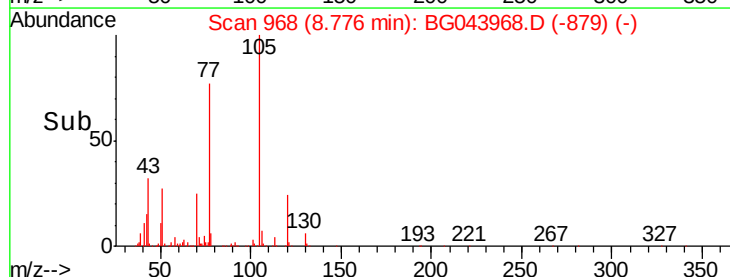
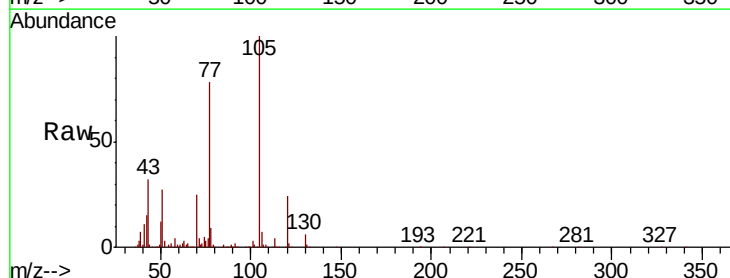
Manual Integrations
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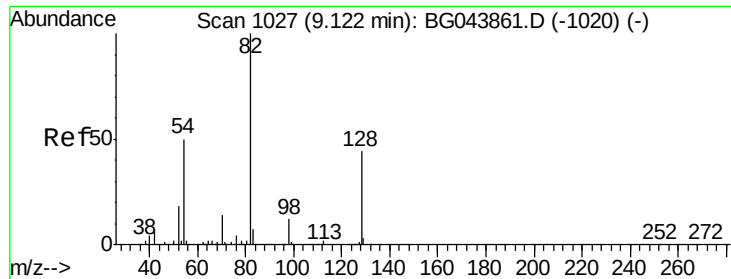
mohammad
1/9/2020 12:10:02 PM



#22
Acetophenone
Concen: 37.662 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	439557		
71	3.9		4.8	7.2#
51	27.1		21.4	32.0
120	23.9		18.6	28.0





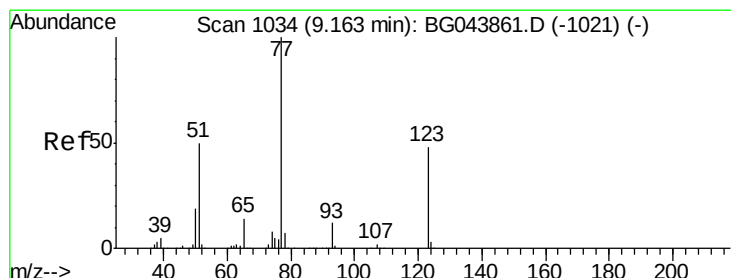
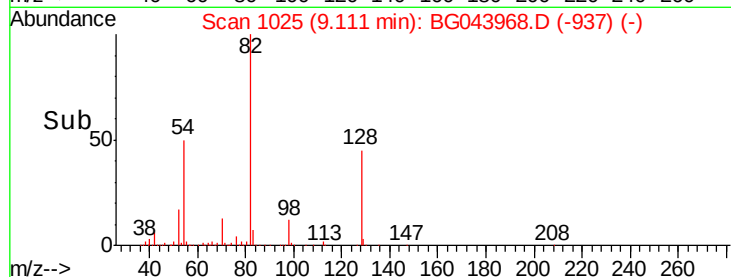
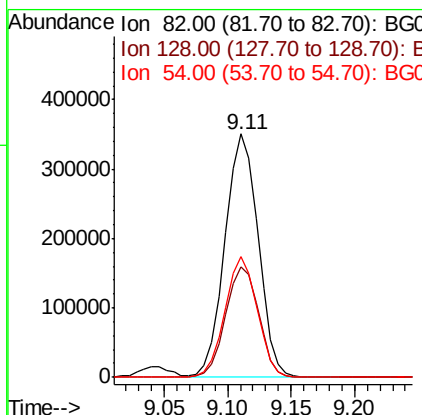
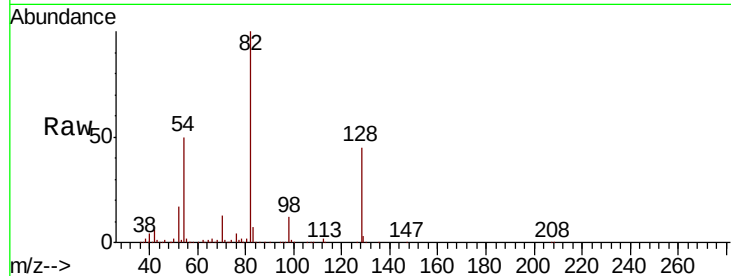
#23
Nitrobenzene-d5
Concen: 72.303 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB125946BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.1	52.7
54	49.7	40.1	60.1

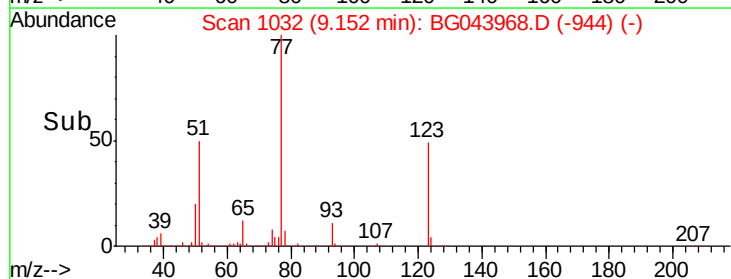
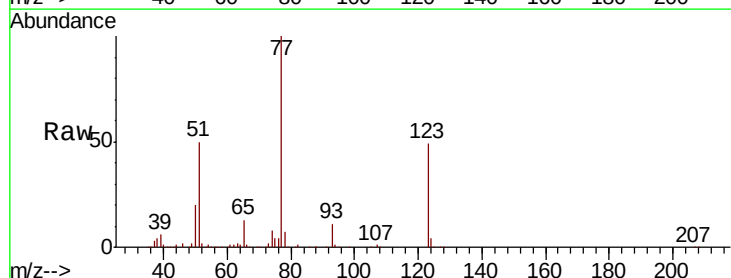
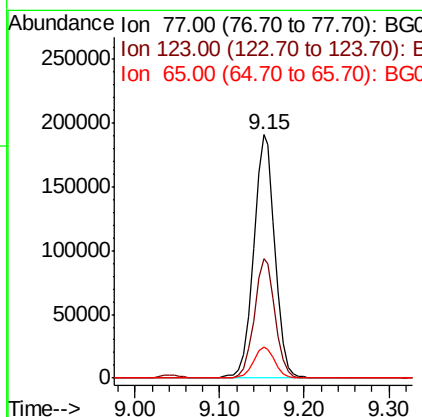
Manual Integrations
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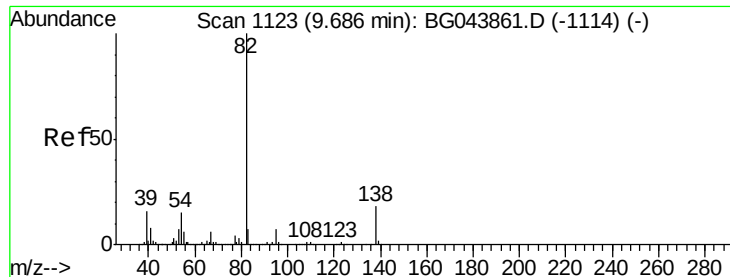
mohammad
1/9/2020 12:10:02 PM



#24
Nitrobenzene
Concen: 38.457 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	38.7	58.1
65	12.6	11.1	16.7





#25

Isophorone

Concen: 39.722 ng

RT: 9.68 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

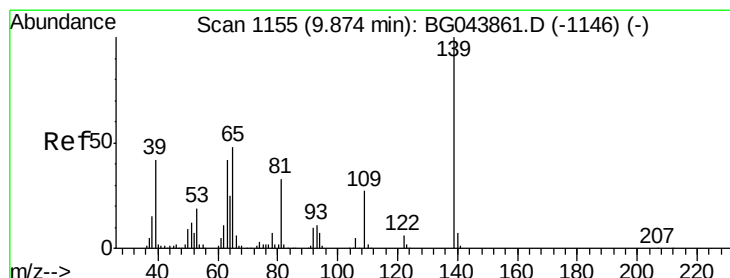
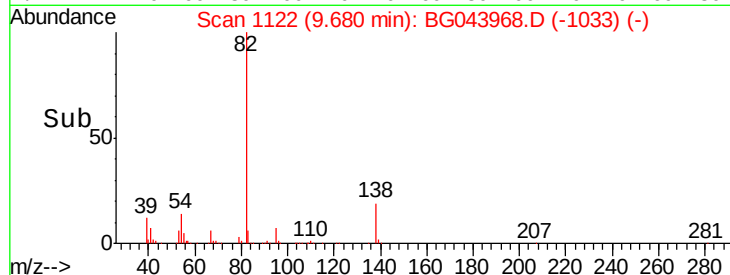
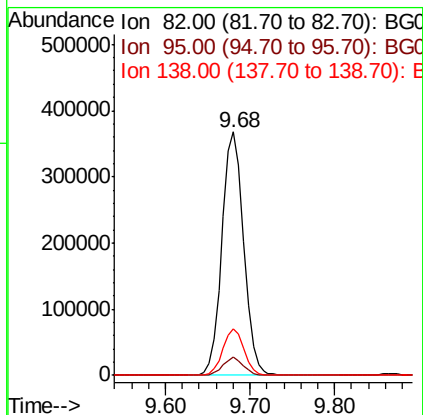
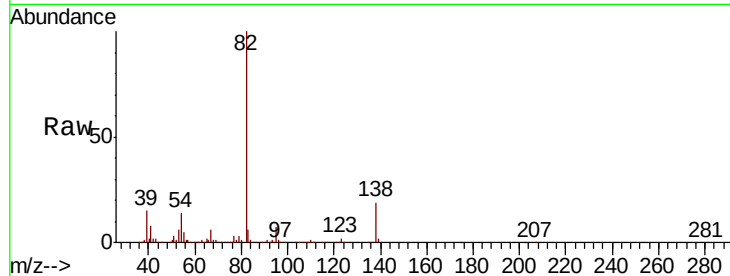
ClientSampleId :

PB125946BS

Tot Ion:	82	Resp:	653982
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.8	8.6
138	19.1	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.738 ng

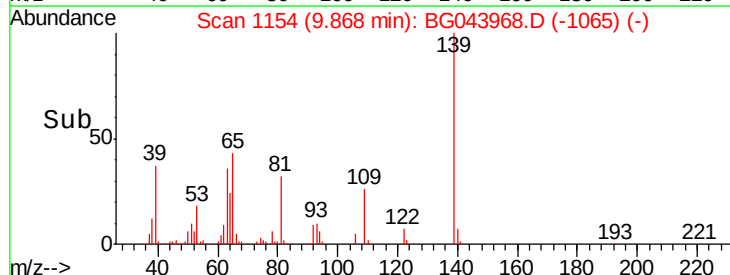
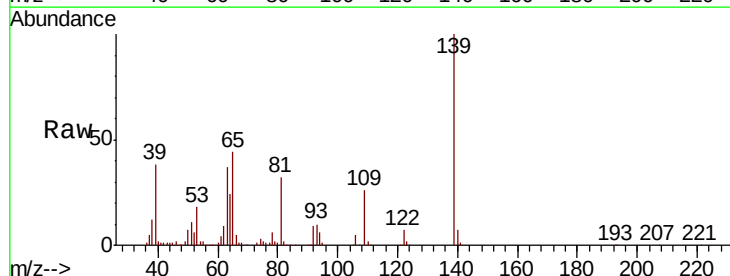
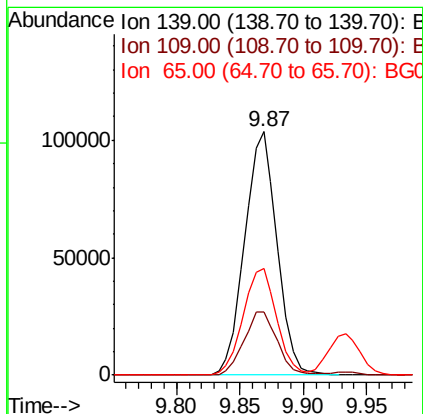
RT: 9.87 min Scan# 1154

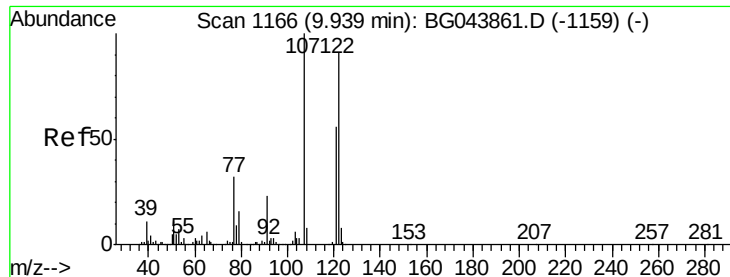
Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Tgt Ion:	139	Resp:	183969
Ion Ratio	Lower	Upper	
139	100		
109	26.1	21.3	31.9
65	43.7	38.6	57.8





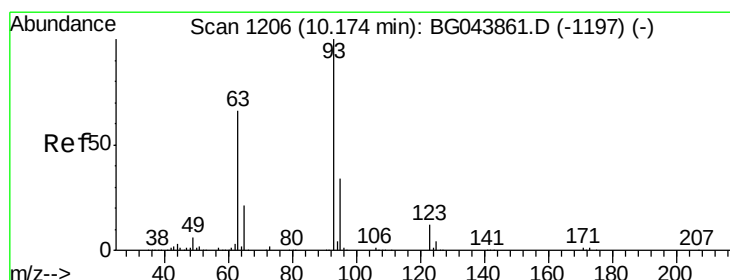
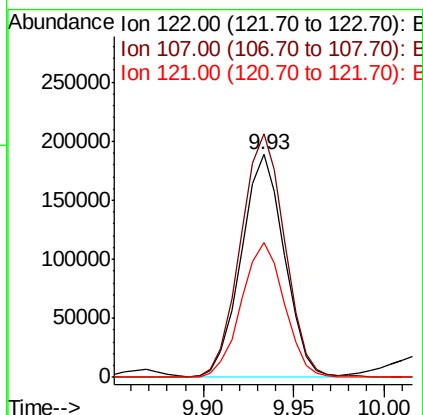
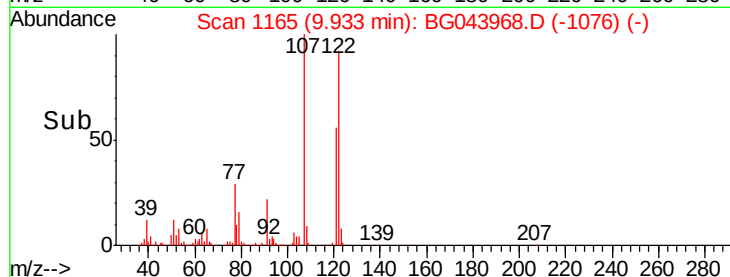
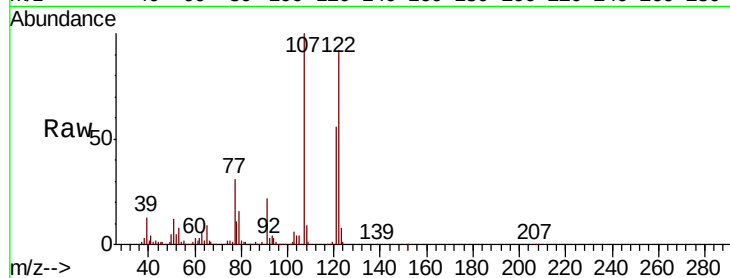
#27
 2,4-Dimethylphenol
 Concen: 50.025 ng
 RT: 9.93 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

Instrument :
 BNA_G
 ClientSampleId :
 PB125946BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	309655		
107	109.3	88.0	132.0	
121	60.7	49.0	73.4	

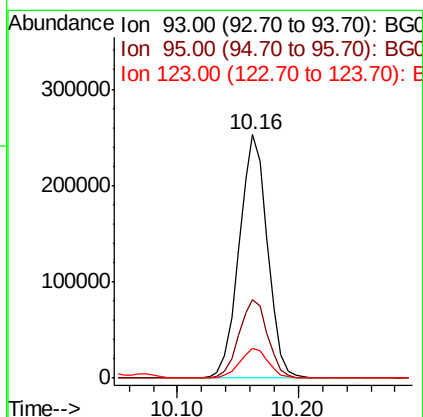
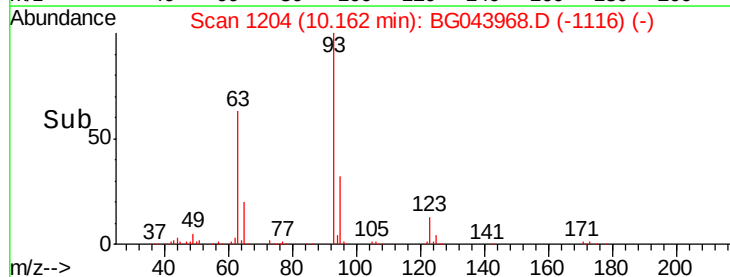
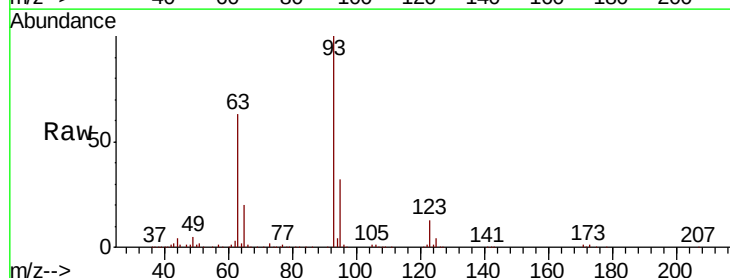
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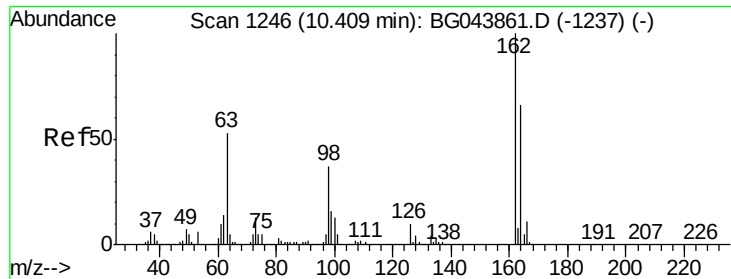
mohammad
 1/9/2020 12:10:02 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.439 ng
 RT: 10.16 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	410943		
95	32.3	27.2	40.8	
123	12.5	9.7	14.5	





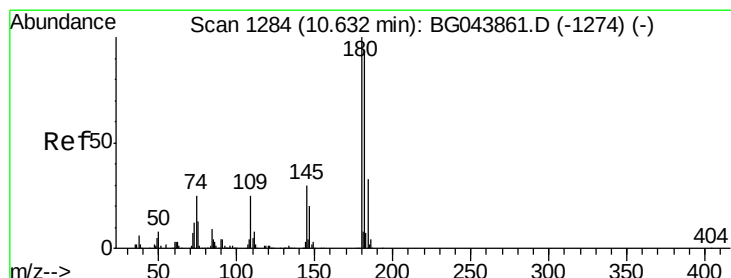
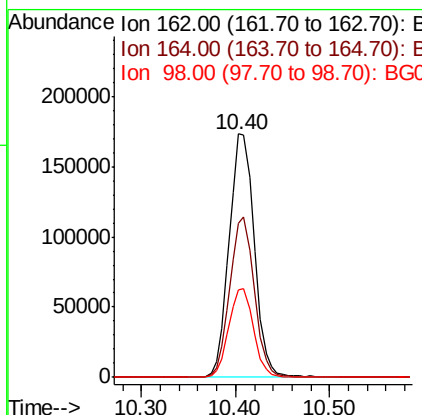
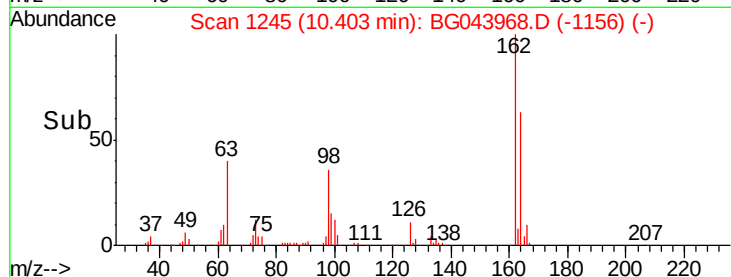
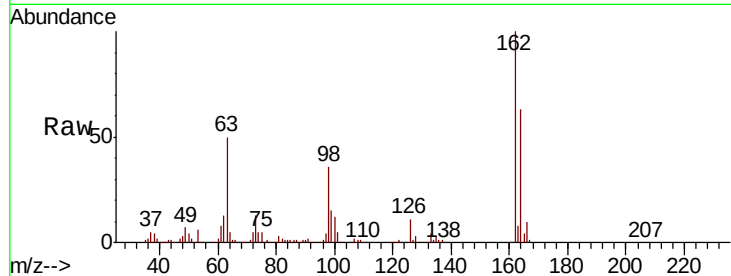
#29
 2,4-Dichlorophenol
 Concen: 43.832 ng
 RT: 10.40 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

Instrument :
 BNA_G
 ClientSampleId :
 PB125946BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.3	46.3	86.3	
98	35.9	17.3	57.3	

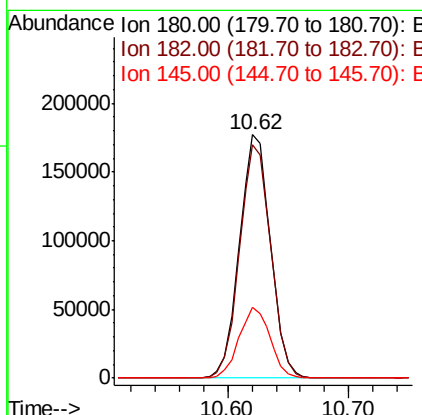
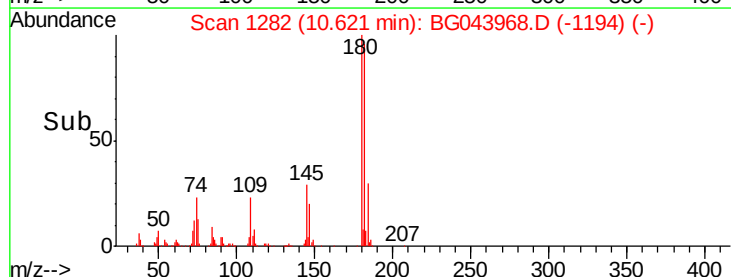
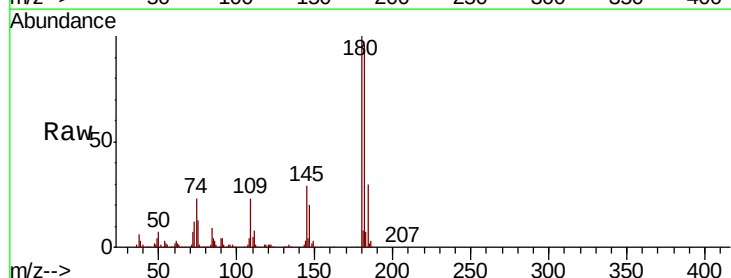
Manual Integrations
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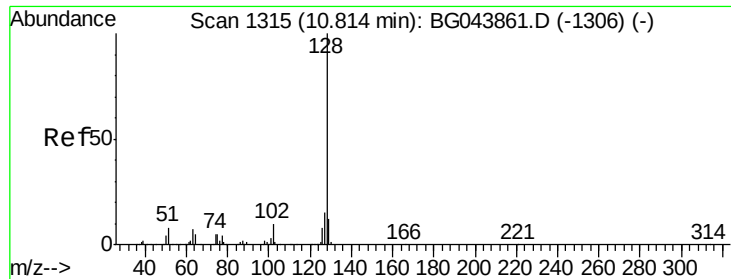
mohammad
 1/9/2020 12:10:02 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.212 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.7	75.0	112.4	
145	28.9	24.2	36.4	





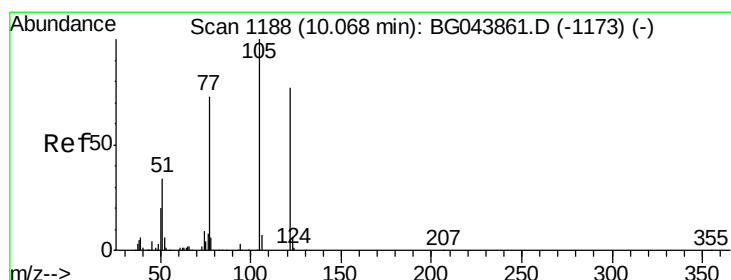
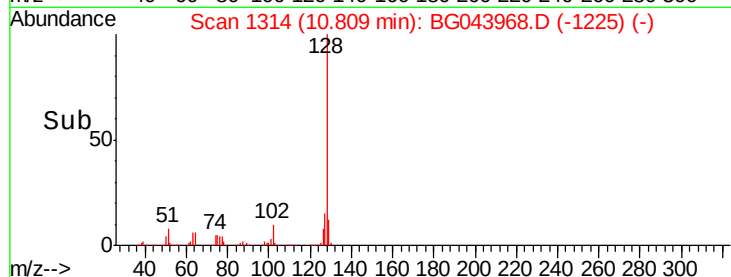
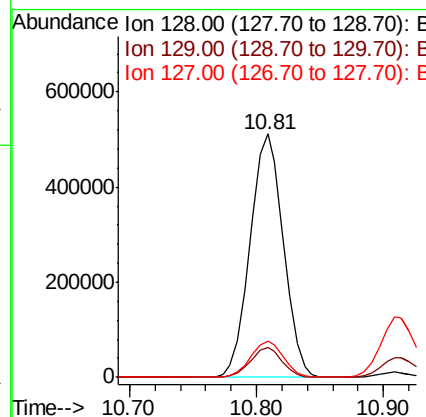
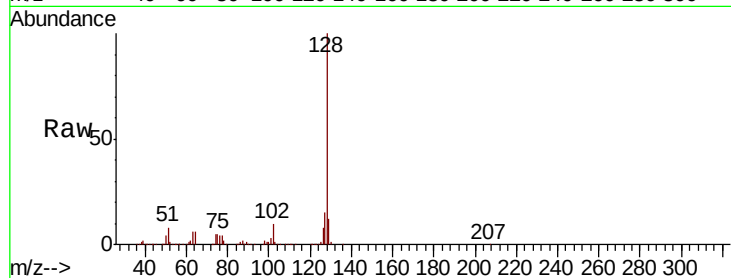
#31
Naphthalene
Concen: 41.095 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB125946BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.8	14.6
127	14.9	12.0	18.0

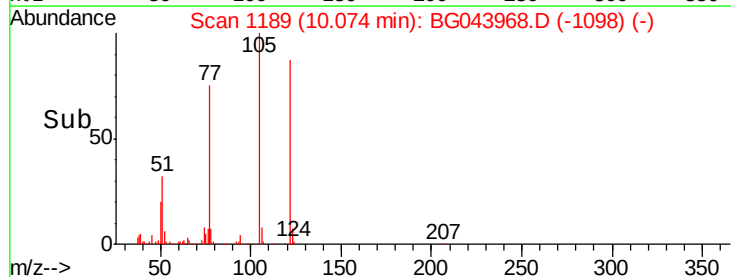
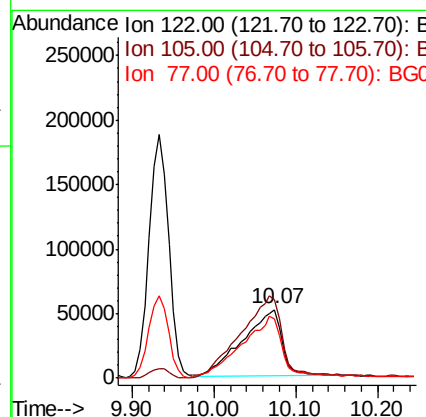
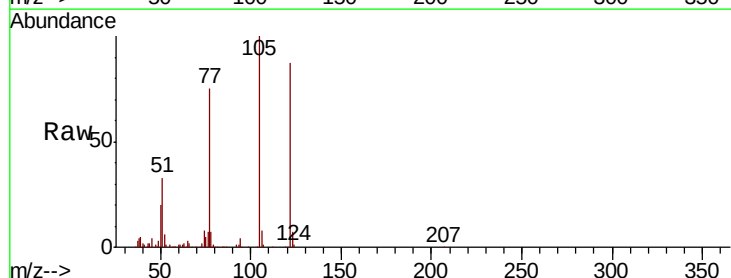
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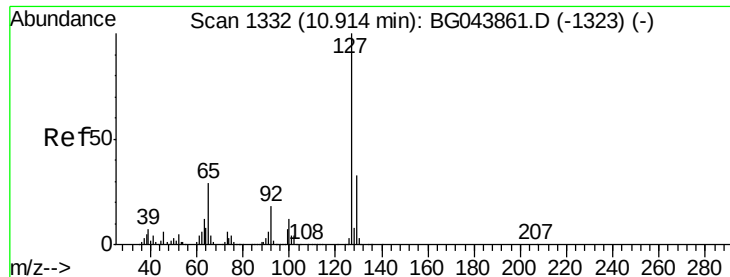
mohammad
1/9/2020 12:10:02 PM



#32
Benzoic acid
Concen: 36.474 ng
RT: 10.07 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.9	106.4	146.4
77	86.6	74.6	114.6





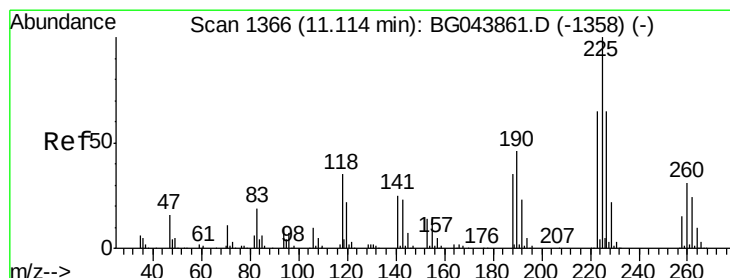
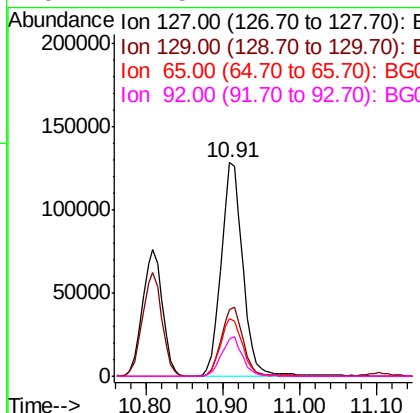
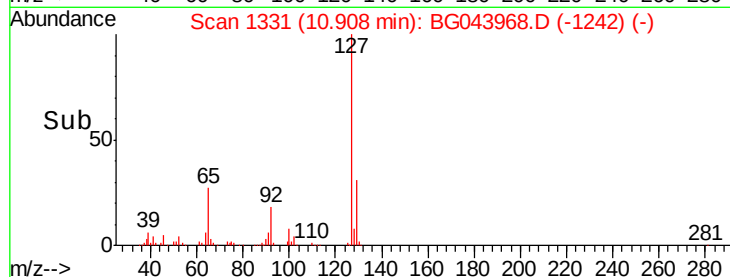
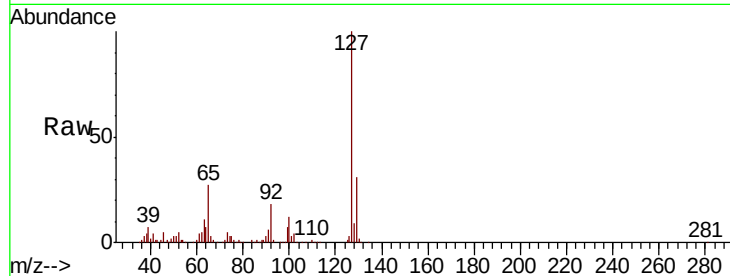
#33
4-Chloroaniline
Concen: 22.964 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB125946BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	26.6	40.0		
65	27.0	23.3	34.9		
92	17.5	14.7	22.1		

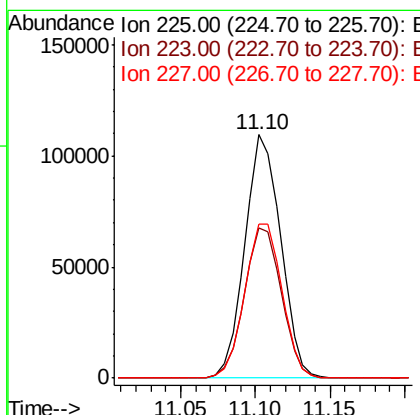
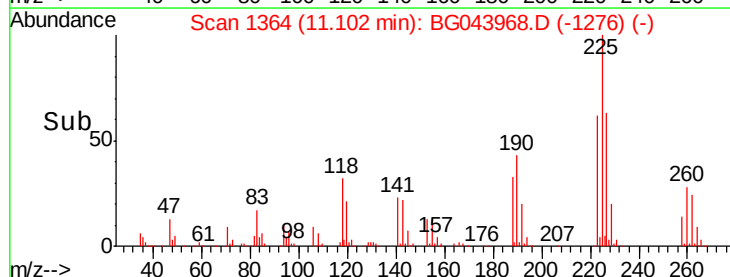
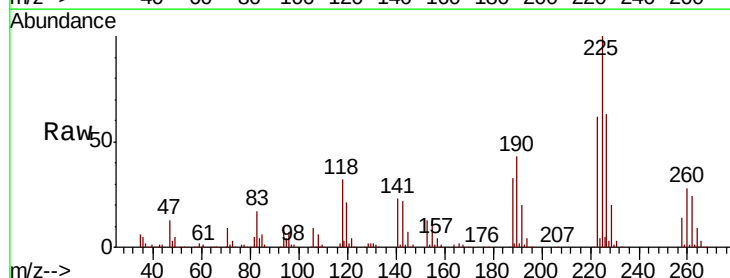
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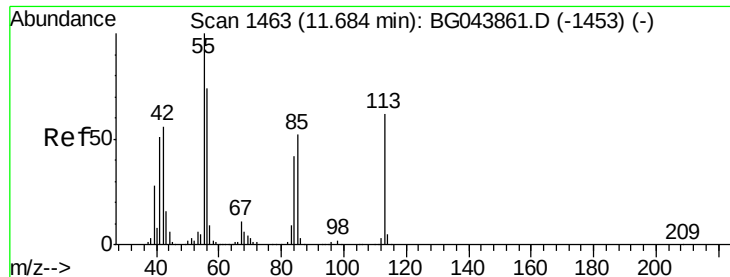
mohammad
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#34
Hexachlorobutadiene
Concen: 35.992 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.5	52.2	78.4		
227	63.1	52.1	78.1		





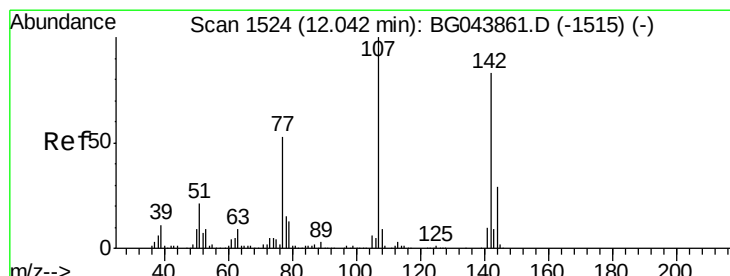
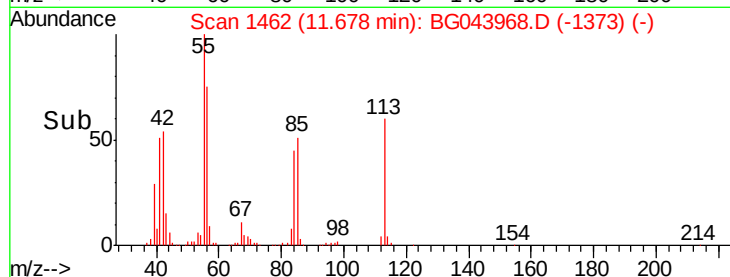
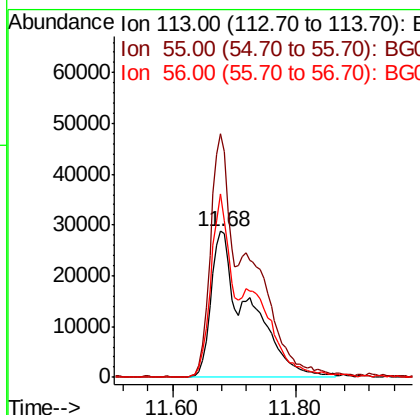
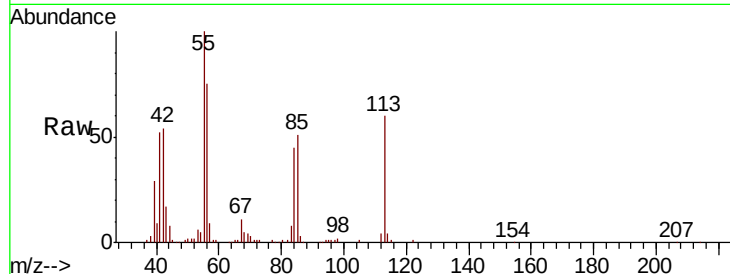
#35
 Caprolactam
 Concen: 44.452 ng/ml
 RT: 11.68 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

Instrument :
 BNA_G
 ClientSampleID :
 PB125946BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	166.7	142.5	182.5
56	125.3	101.4	141.4

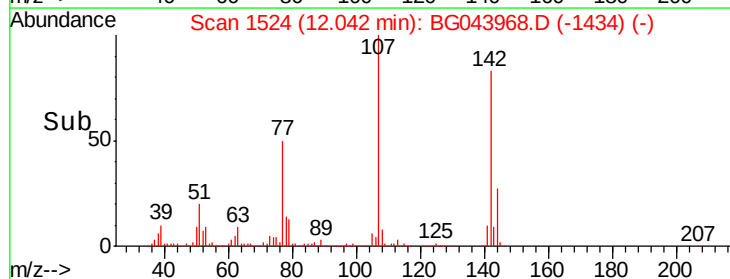
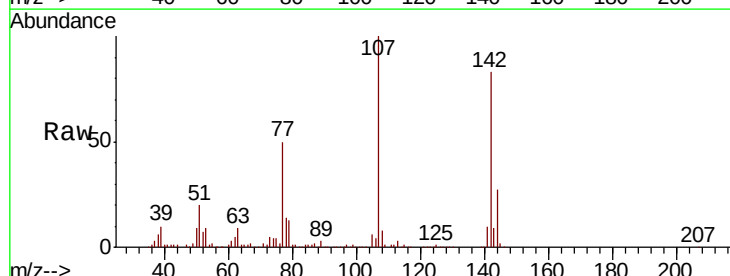
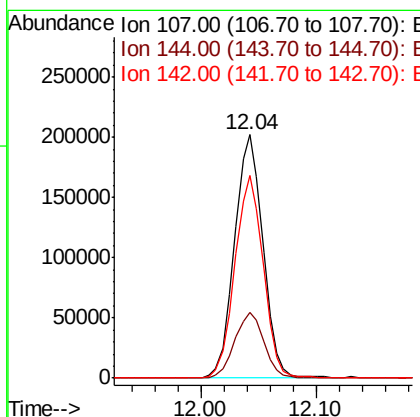
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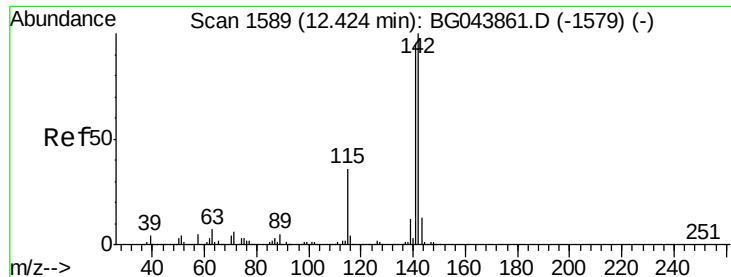
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 43.805 ng/ml
 RT: 12.04 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	23.4	35.2
142	83.2	66.3	99.5





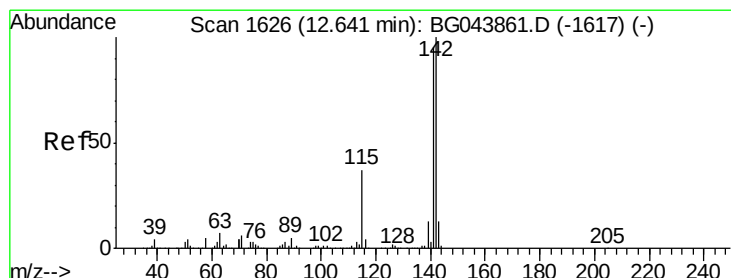
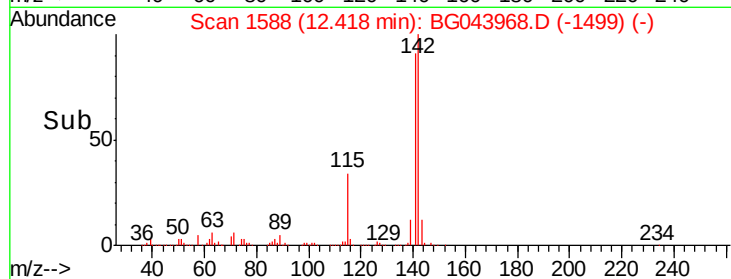
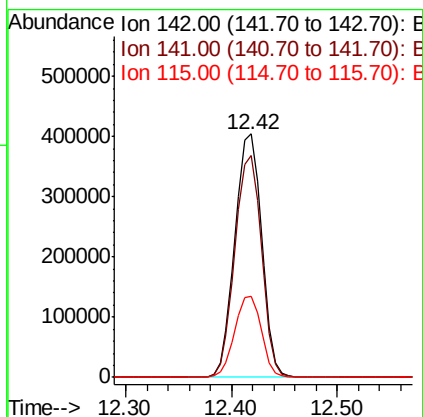
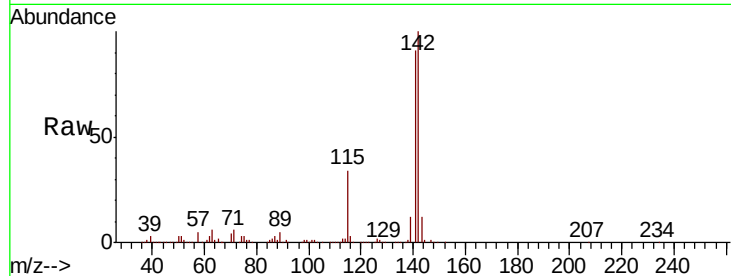
#37
2-Methylnaphthalene
Concen: 41.474 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Instrument :
BNA_G
ClientSampleID :
PB125946BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	75.8	113.8
115	33.5	28.6	42.8

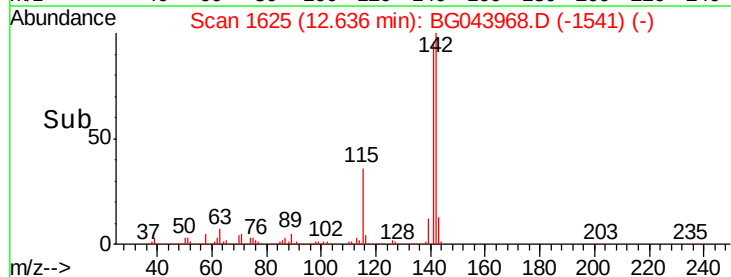
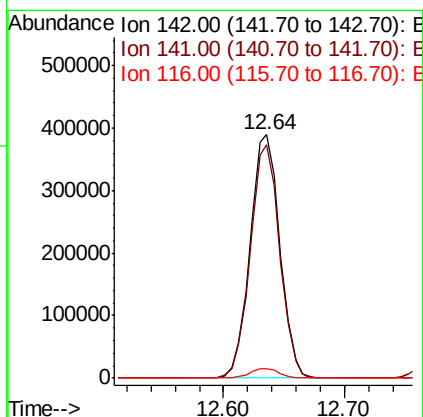
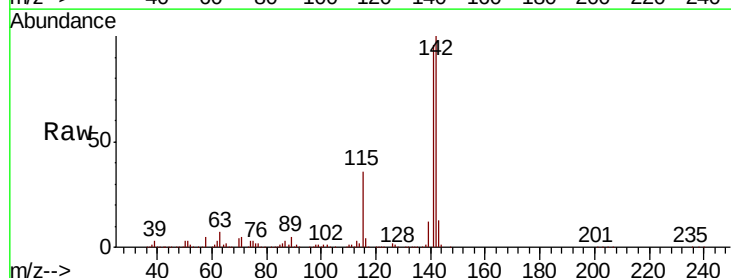
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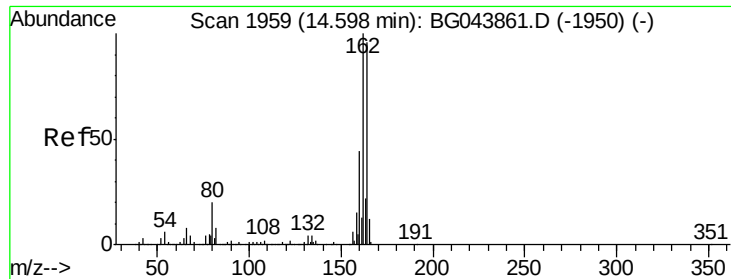
mohammad
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#38
1-Methylnaphthalene
Concen: 41.115 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.0	76.0	114.0
116	3.9	3.1	4.7





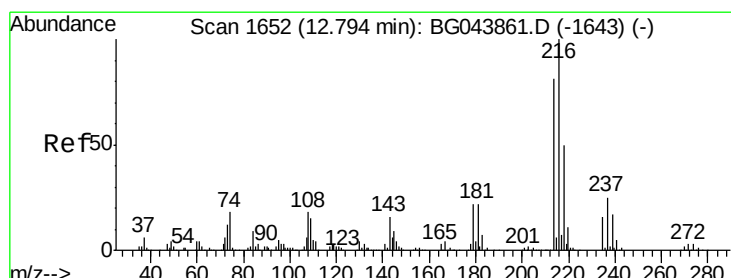
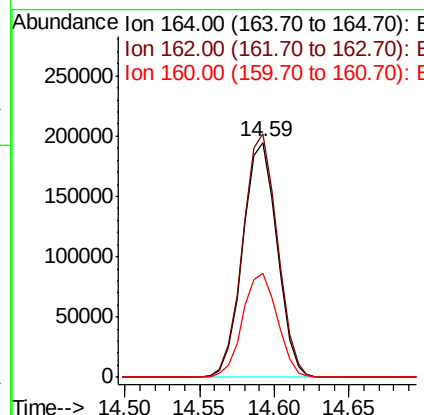
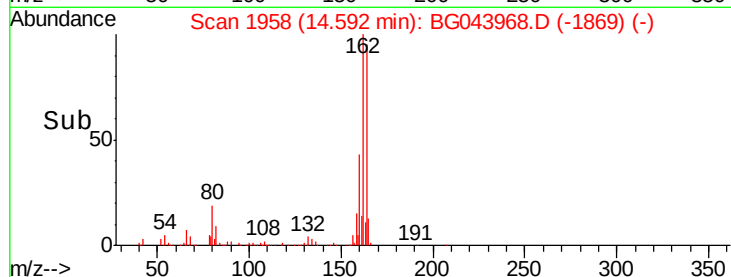
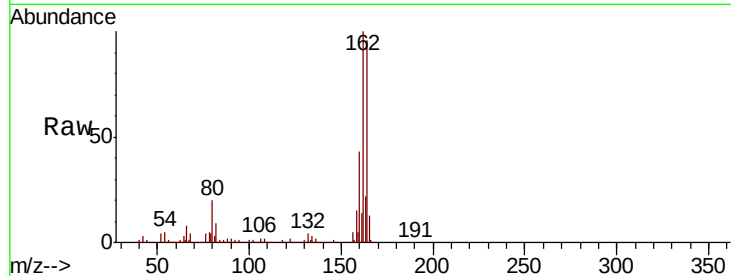
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Instrument :
BNA_G
ClientSampled :
PB125946BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.7	83.0	124.4	
160	44.3	36.1	54.1	

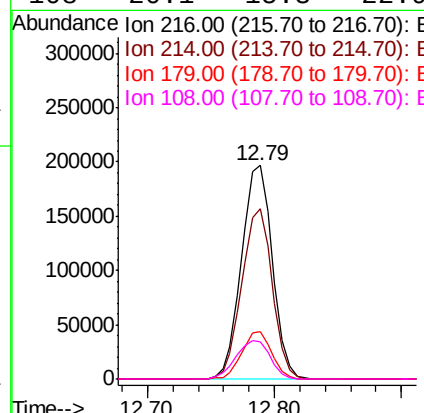
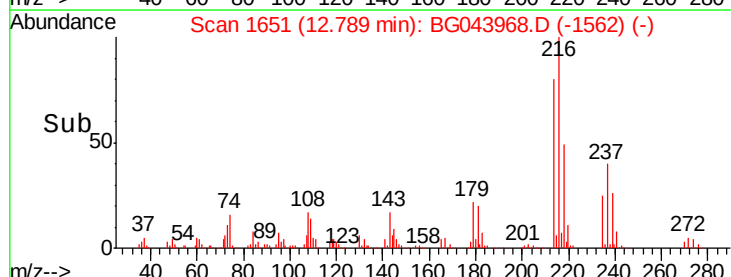
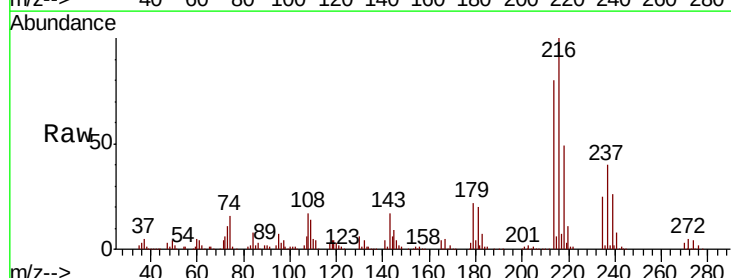
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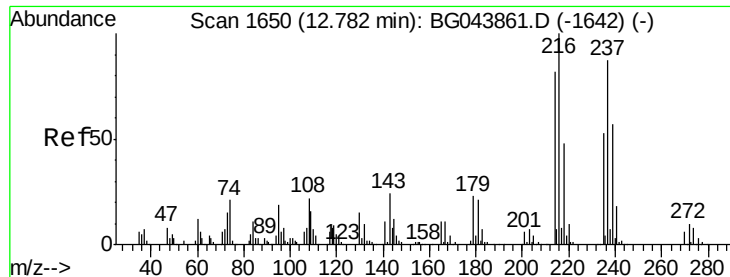
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.332 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.0	63.8	95.8	
179	21.5	17.3	25.9	
108	20.1	15.3	22.9	





#41

Hexachlorocyclopentadiene

Concen: 84.292 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

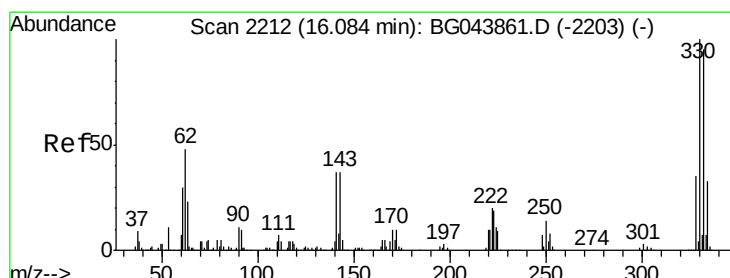
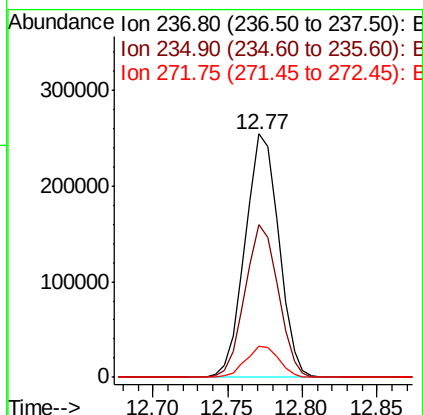
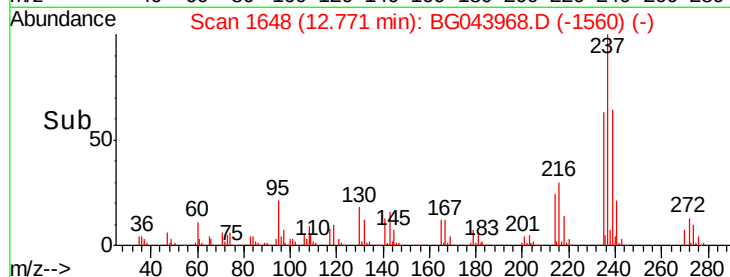
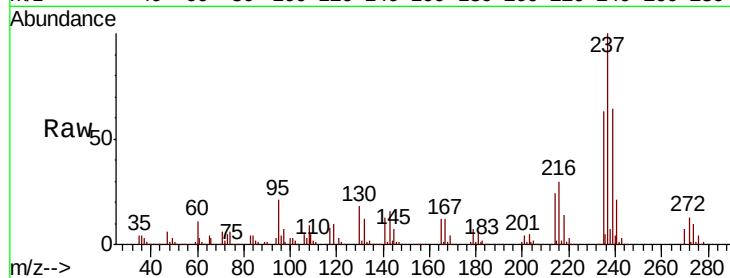
ClientSampleId :

PB125946BS

Tot Ion:	237	Resp:	397397
Ion Ratio	Lower	Upper	
237	100		
235	62.5	41.1	81.1
272	12.7	0.0	31.7

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 118.970 ng

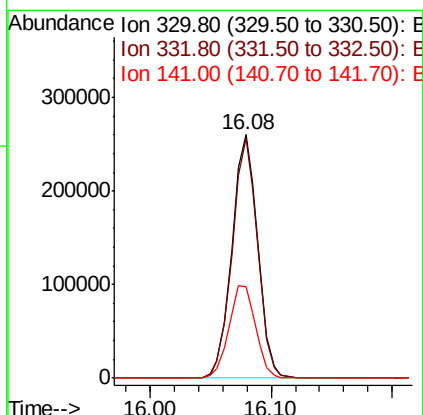
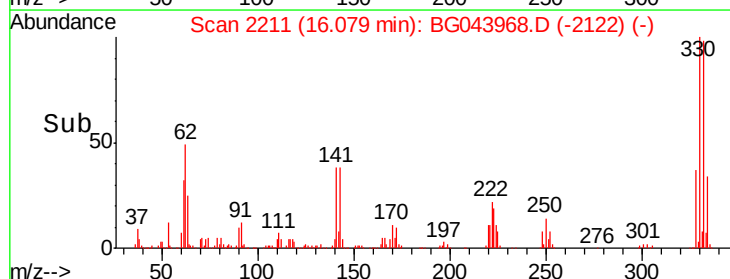
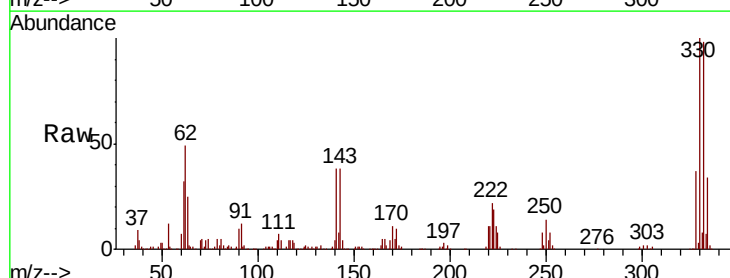
RT: 16.08 min Scan# 2211

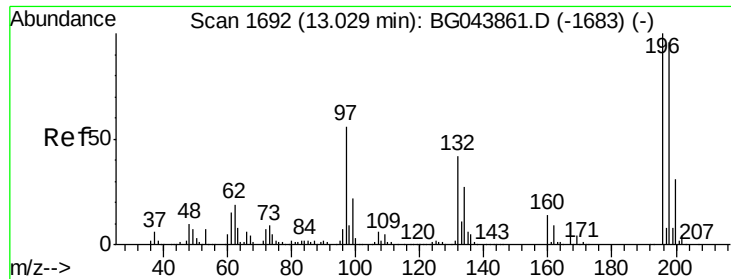
Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Tgt Ion:	330	Resp:	386269
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.2	115.8
141	39.6	33.1	49.7





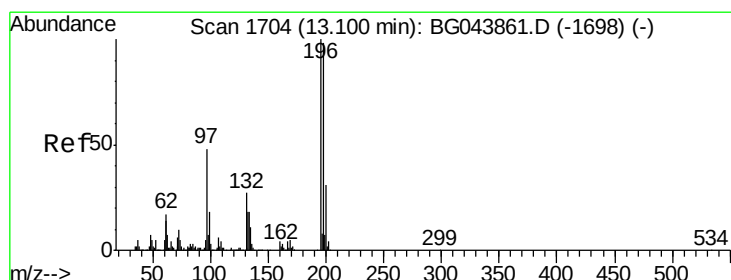
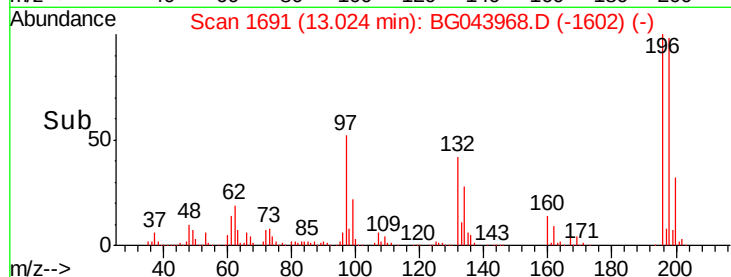
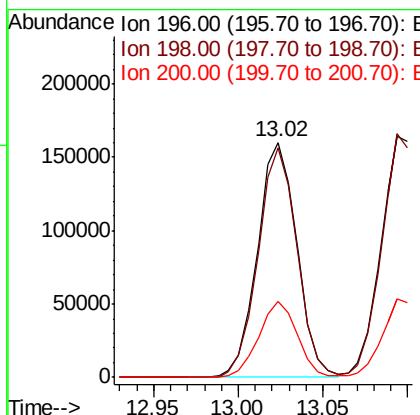
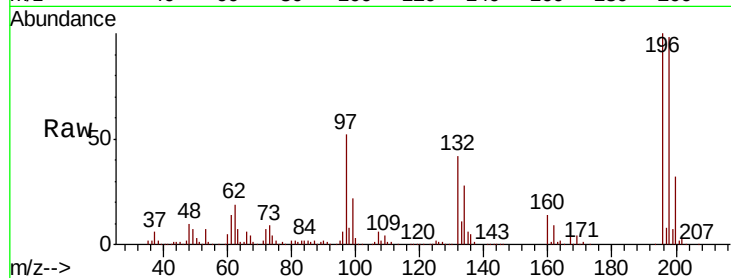
#43
 2,4,6-Trichlorophenol
 Concen: 41.397 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

Instrument :
 BNA_G
 ClientSampleId :
 PB125946BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	259028		
198	98.1	76.6	115.0	
200	32.4	24.6	37.0	

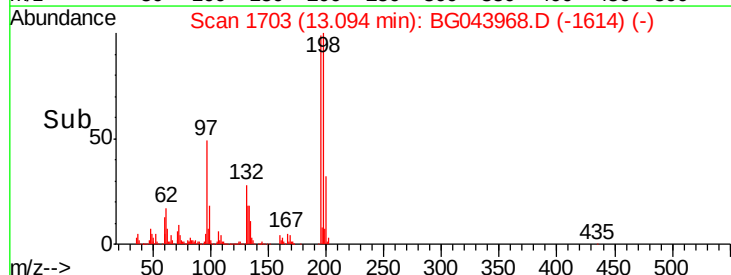
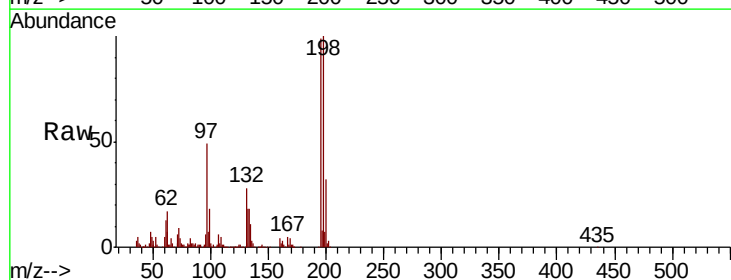
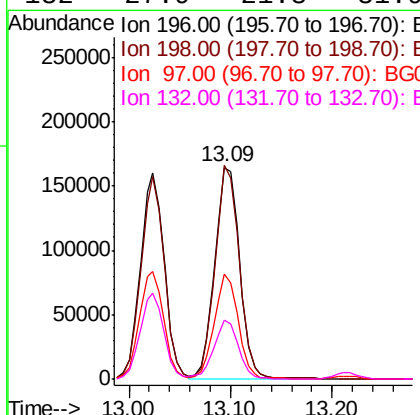
Manual Integrations
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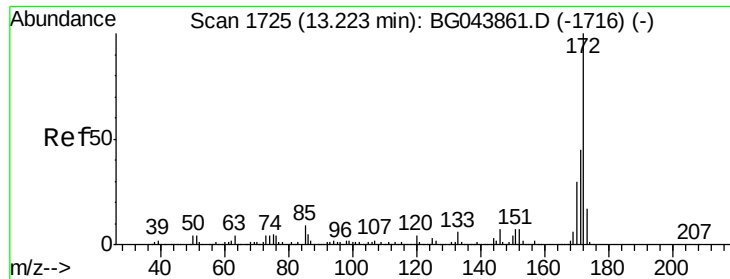
mohammad
 1/9/2020 12:10:02 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.489 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	280655		
198	101.1	78.3	117.5	
97	49.6	38.8	58.2	
132	27.9	21.3	31.9	





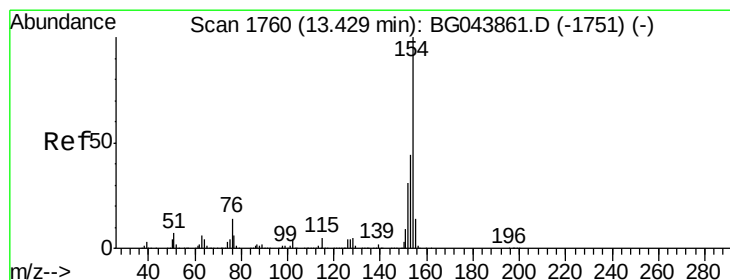
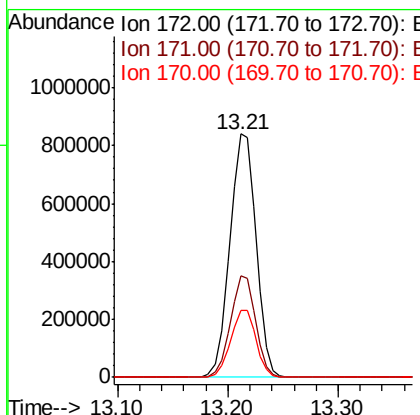
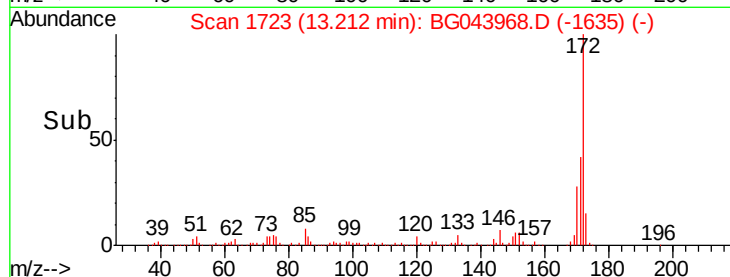
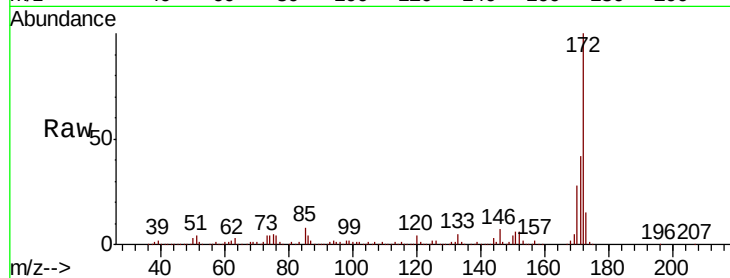
#45
2-Fluorobiphenyl
Concen: 81.597 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB125946BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.8	35.8	53.8
170	27.7	24.2	36.4

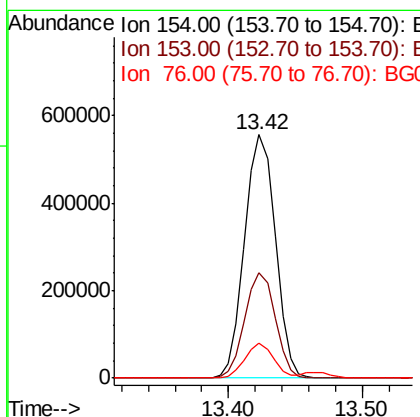
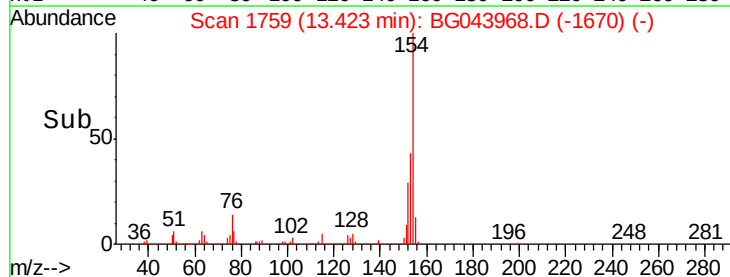
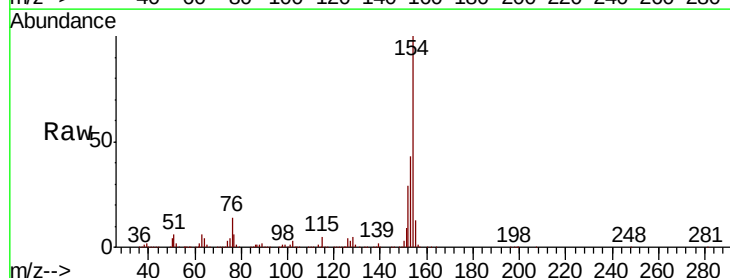
Manual Integrations
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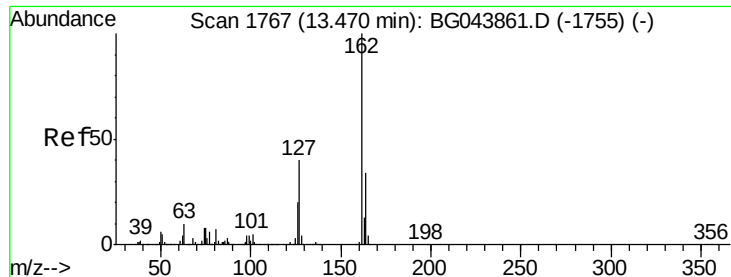
mohammad
1/9/2020 12:10:02 PM



#46
1,1'-Biphenyl
Concen: 39.905 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	23.6	63.6
76	14.1	0.0	34.4





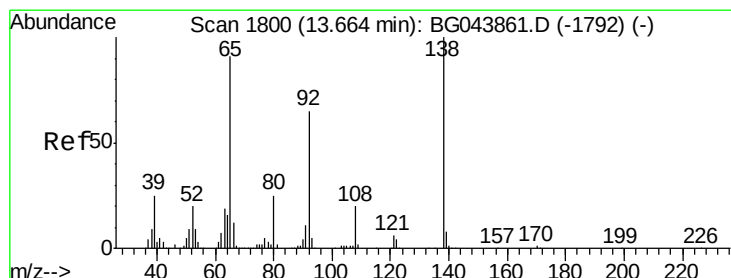
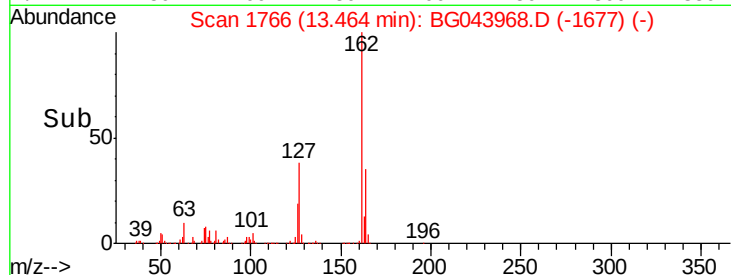
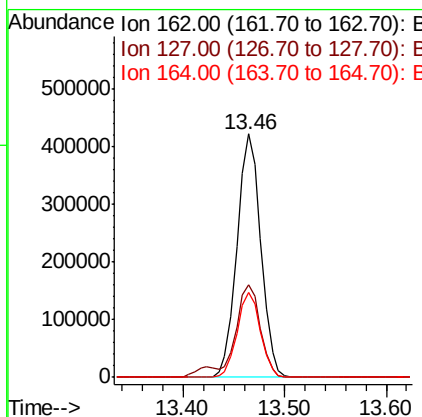
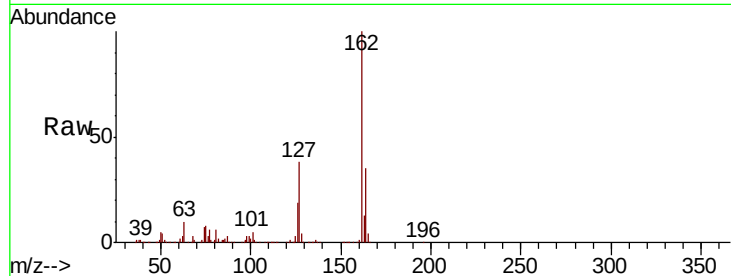
#47
2-Chloronaphthalene
Concen: 38.116 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB125946BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	685144		
127	38.1		32.1	48.1
164	34.7		27.5	41.3

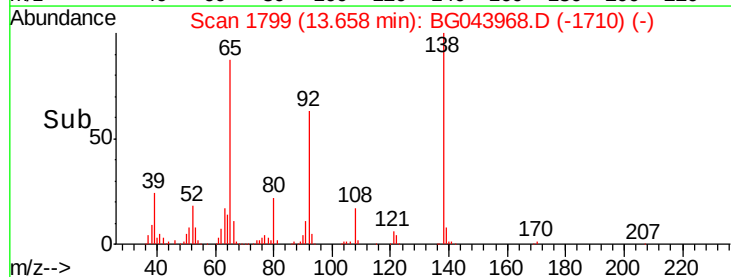
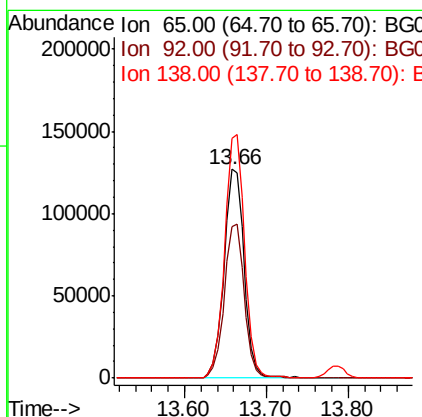
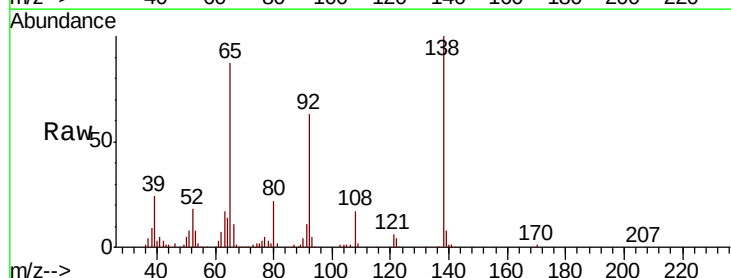
Manual Integrations
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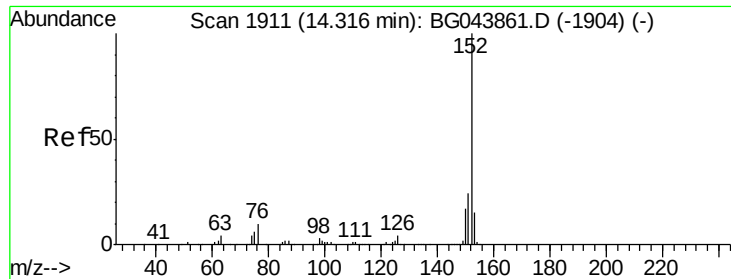
mohammad
1/9/2020 12:10:02 PM



#48
2-Nitroaniline
Concen: 37.728 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	218149		
92	72.7		57.4	86.2
138	114.9		88.2	132.4





#49

Acenaphthylene

Concen: 42.355 ng

RT: 14.31 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB125946BS

Tot Ion:152 Resp: 1094291

Ion Ratio Lower Upper

152 100

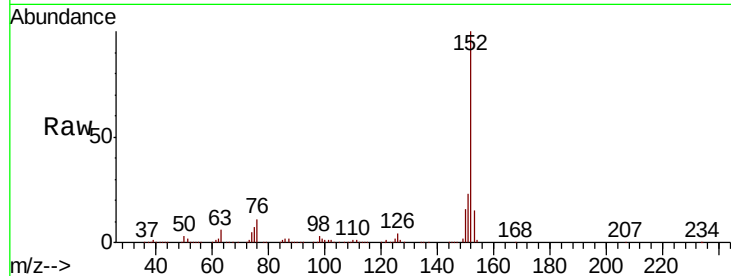
151 23.3 19.4 29.2

153 14.8 12.0 18.0

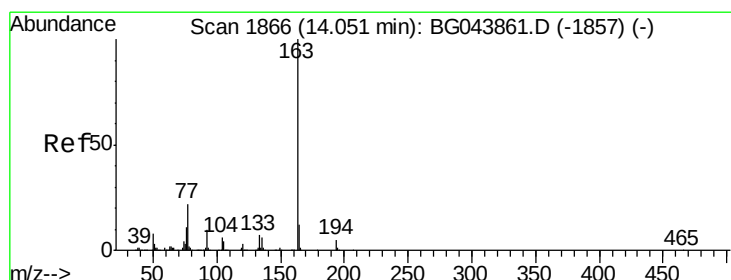
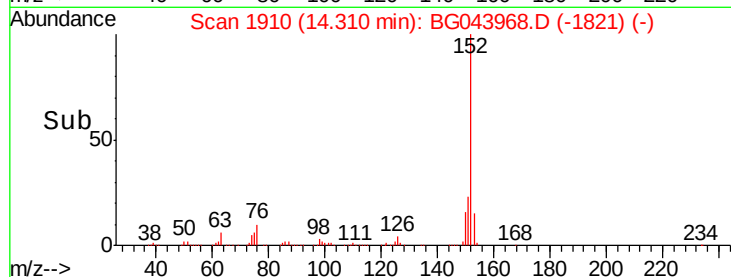
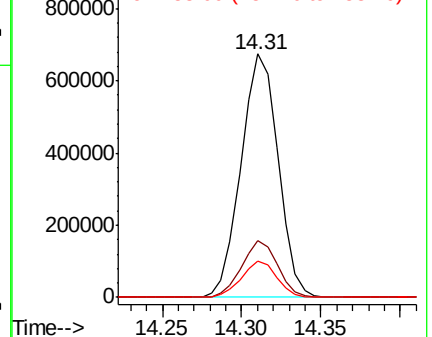
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.902 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

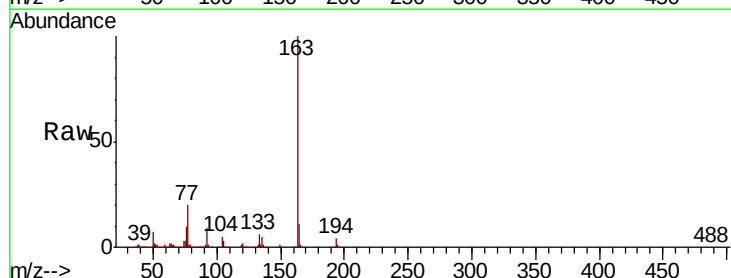
Tgt Ion:163 Resp: 901043

Ion Ratio Lower Upper

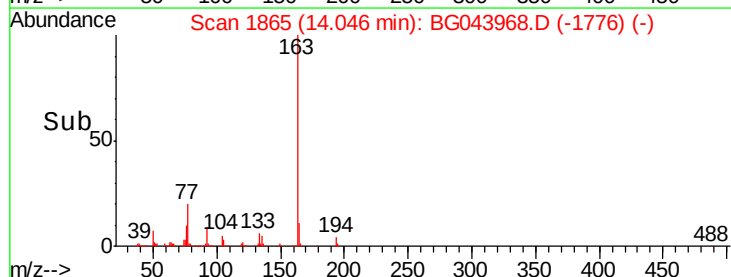
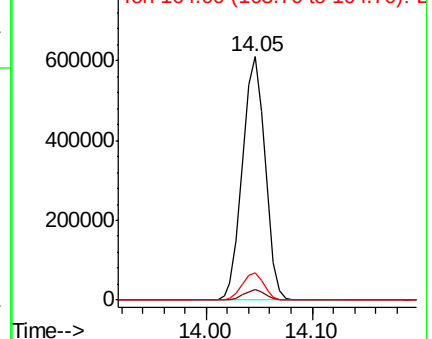
163 100

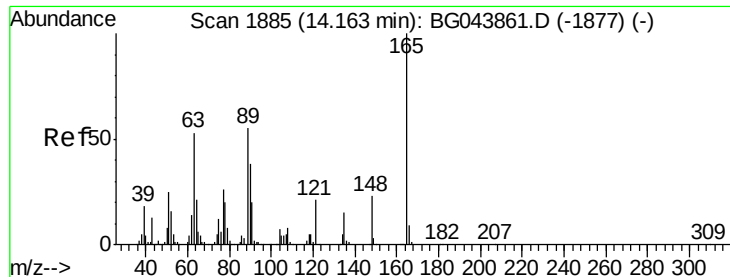
194 4.4 3.7 5.5

164 11.0 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.381 ng

RT: 14.16 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

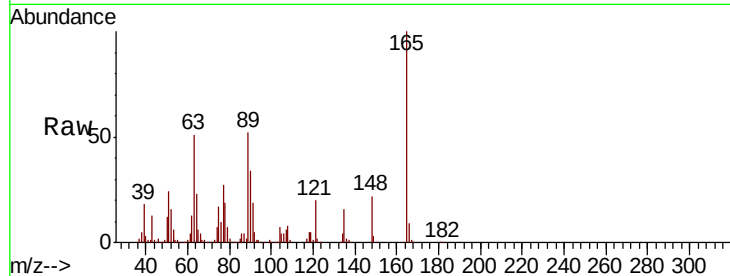
ClientSampleId :

PB125946BS

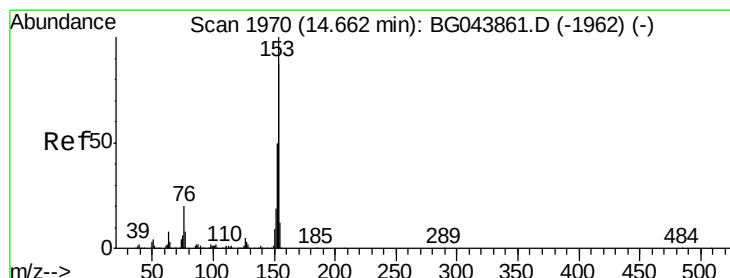
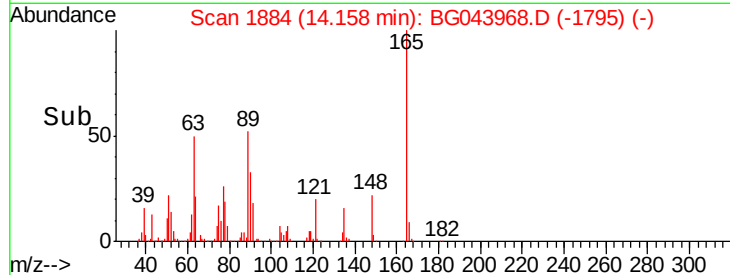
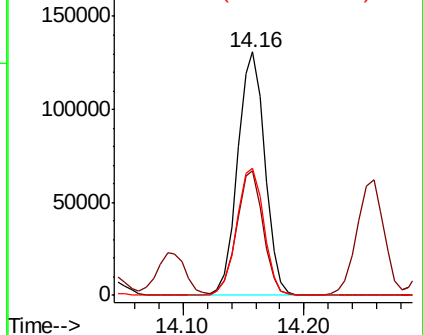
Tot Ion:	165	Resp:	206045
Ion Ratio	Lower	Upper	
165	100		
63	51.1	43.1	64.7
89	52.4	43.8	65.6

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 38.157 ng

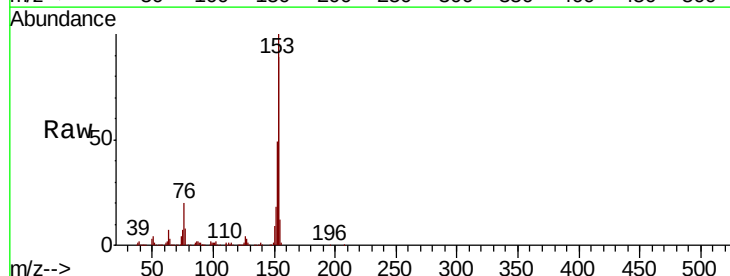
RT: 14.65 min Scan# 1968

Delta R.T. -0.01 min

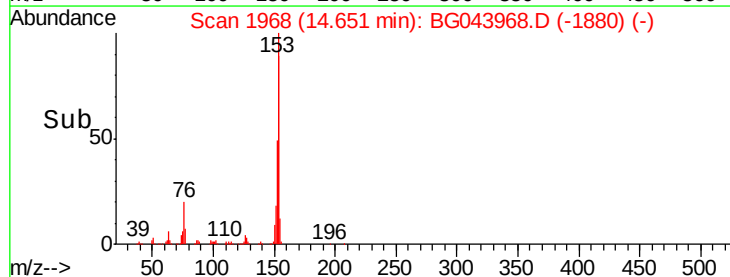
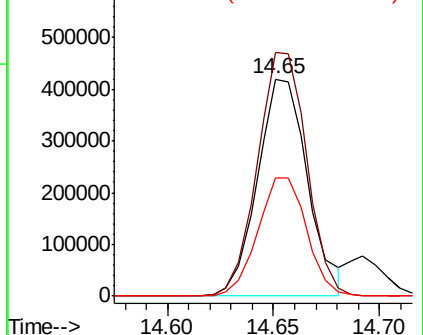
Lab File: BG043968.D

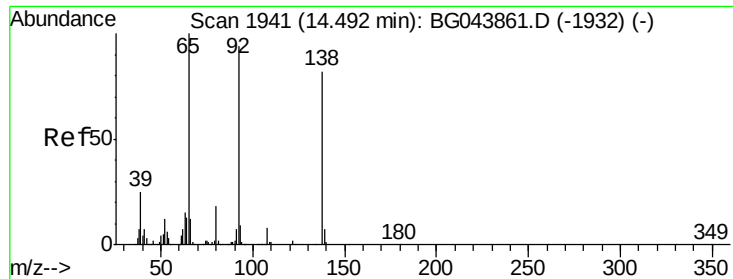
Acq: 8 Jan 2020 15:26

Tgt Ion:	154	Resp:	691347
Ion Ratio	Lower	Upper	
154	100		
153	112.3	91.6	137.4
152	54.6	45.4	68.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





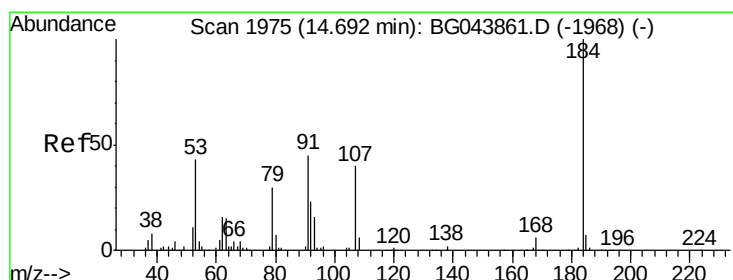
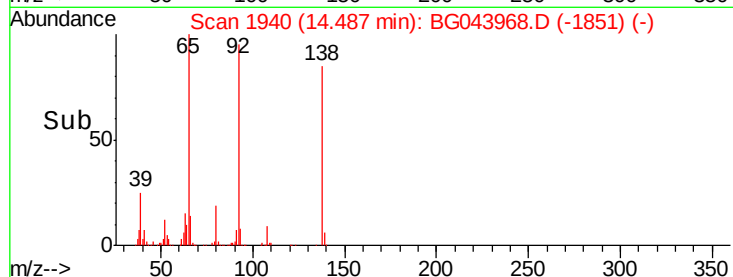
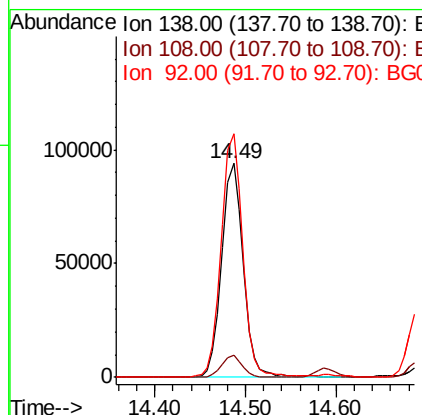
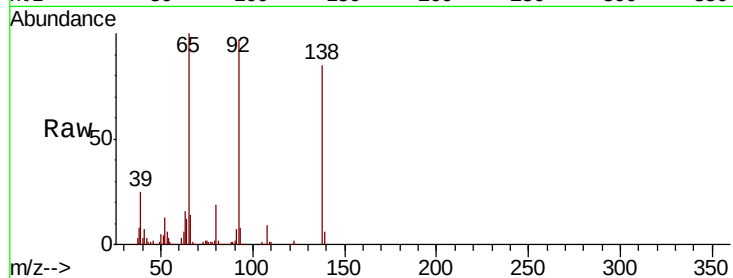
#53
3-Nitroaniline
Concen: 27.515 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB125946BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.4	11.2
92	113.9	92.1	138.1

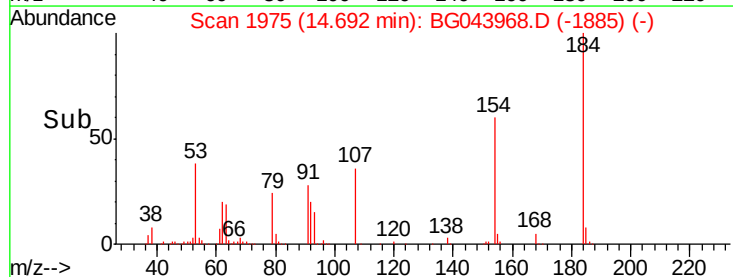
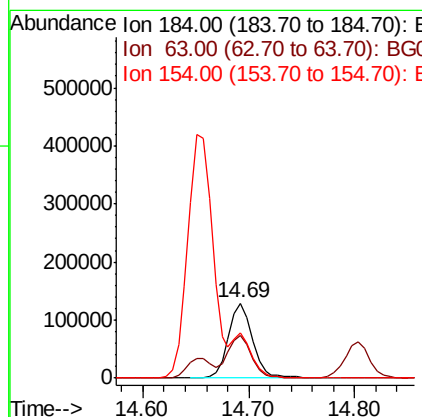
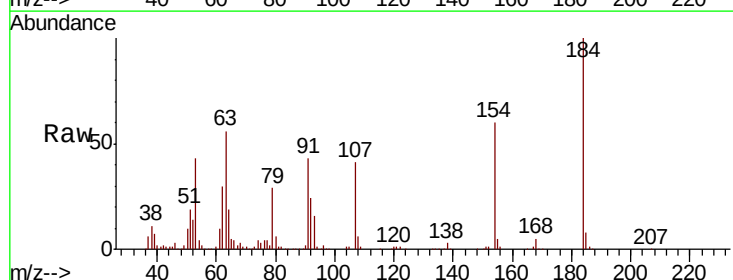
Manual Integrations
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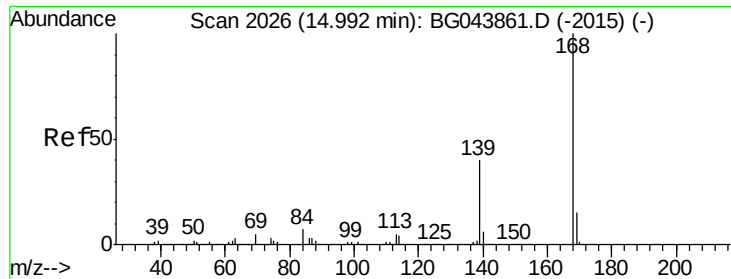
mohammad
1/9/2020 12:10:02 PM



#54
2,4-Dinitrophenol
Concen: 80.710 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.2	46.6	70.0
154	59.9	50.2	75.4





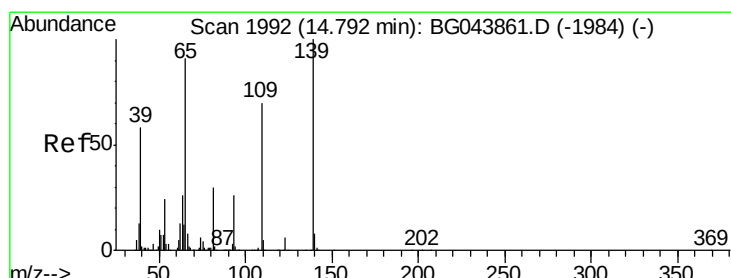
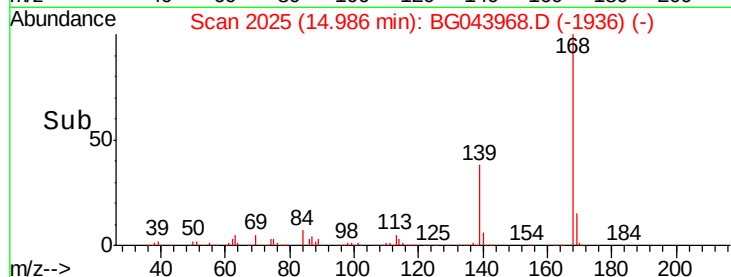
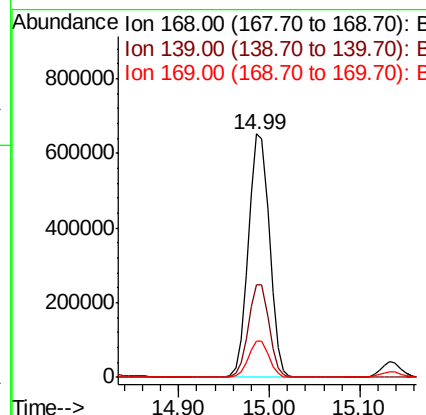
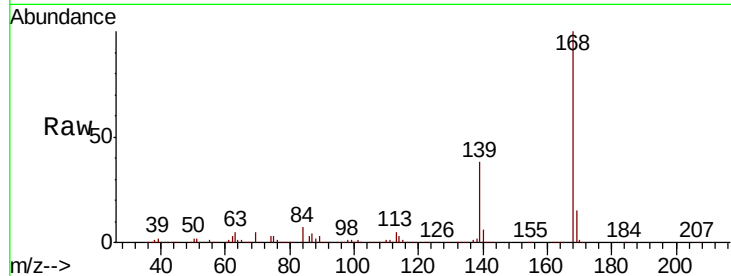
#55
Dibenzenofuran
Concen: 41.990 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB125946BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	32.2	48.2
169	15.0	12.2	18.2

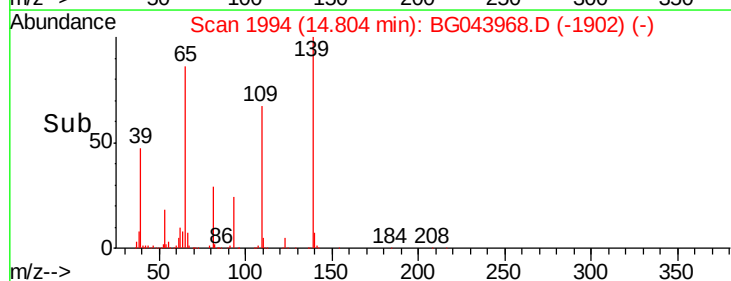
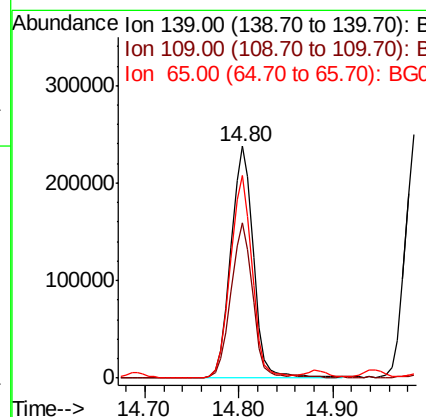
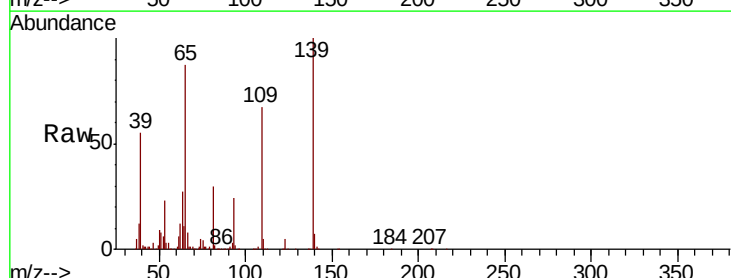
Manual Integrations
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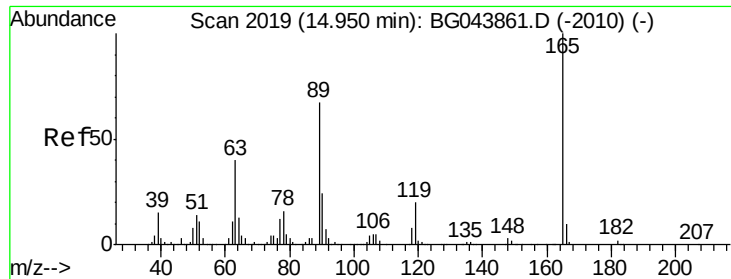
mohammad
1/9/2020 12:10:02 PM



#56
4-Nitrophenol
Concen: 91.948 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.8	50.4	90.4
65	87.2	71.4	111.4





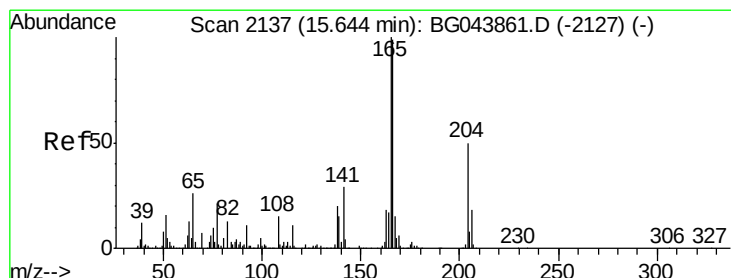
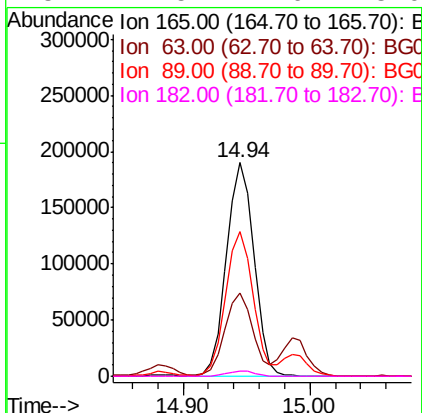
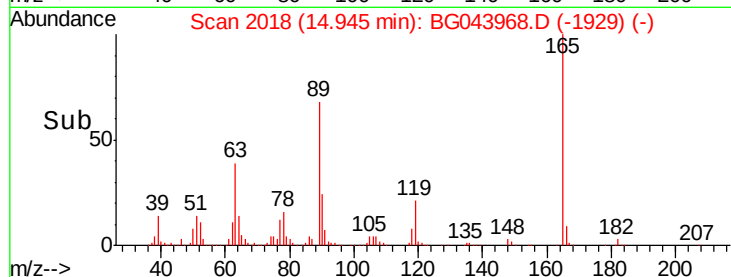
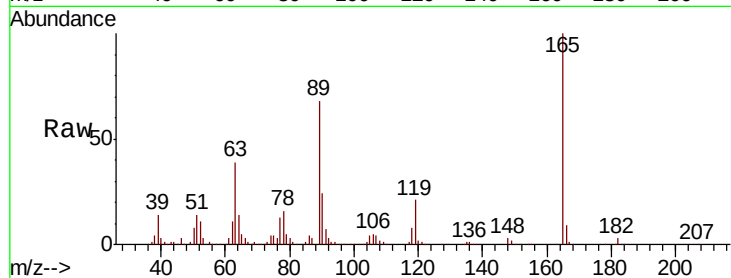
#57
2,4-Dinitrotoluene
Concen: 42.161 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB125946BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		285650		
63	38.9		31.9	47.9	
89	68.0		53.8	80.6	
182	2.5		2.0	3.0	

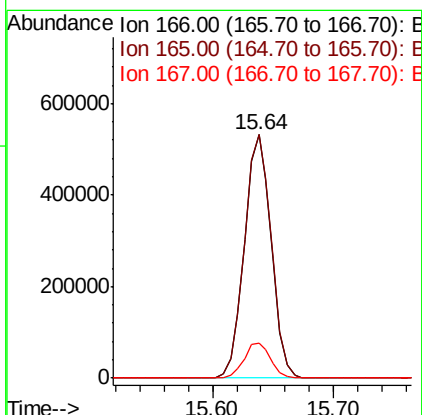
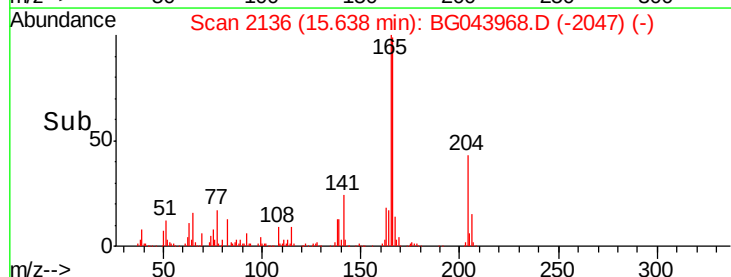
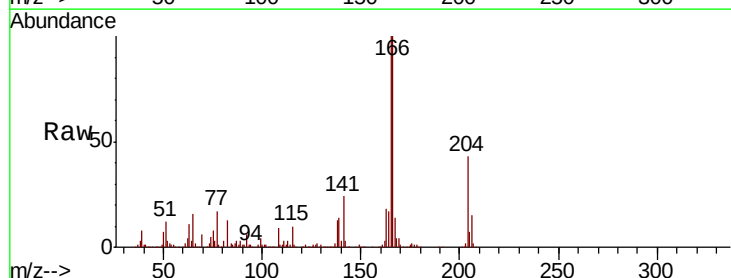
Manual Integrations
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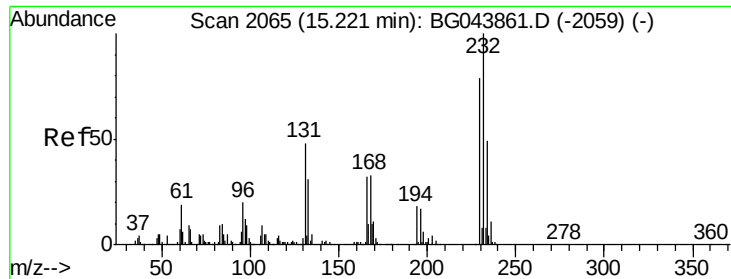
mohammad
1/9/2020 12:10:02 PM



#58
Fluorene
Concen: 41.565 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		821698		
165	100.0		80.8	121.2	
167	14.4		12.1	18.1	





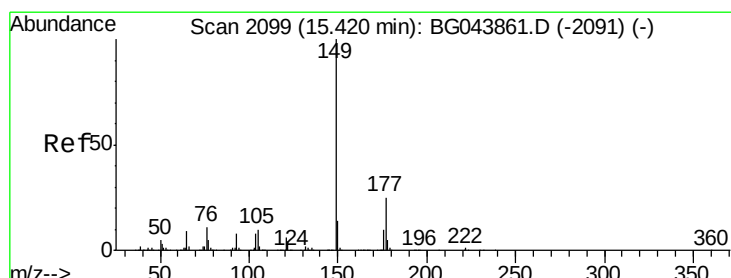
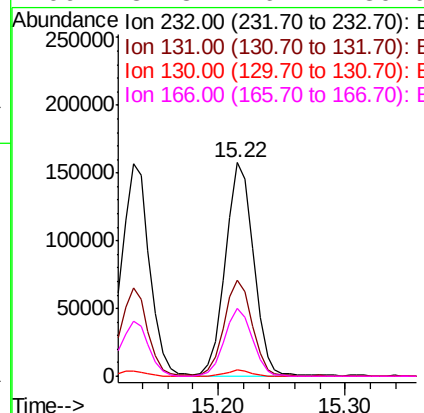
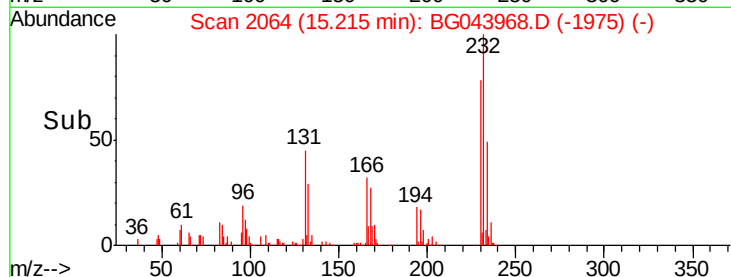
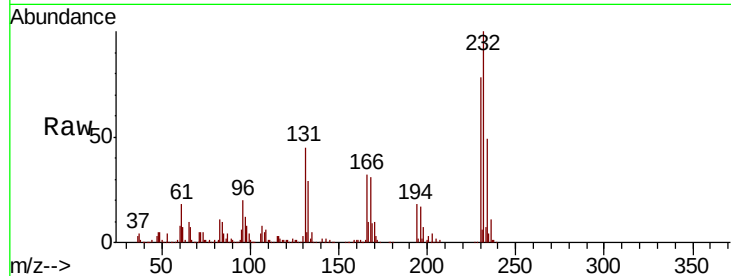
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.636 ng
RT: 15.22 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB125946BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	242152		
131	44.6	38.2	57.2	
130	2.7	2.2	3.2	
166	31.8	26.4	39.6	

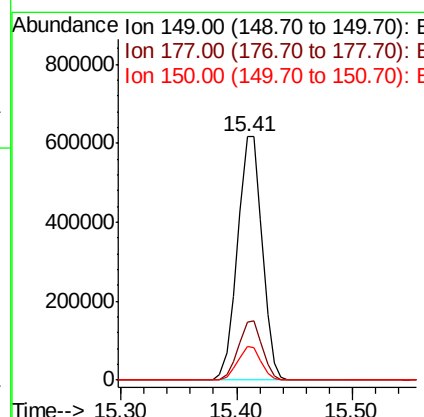
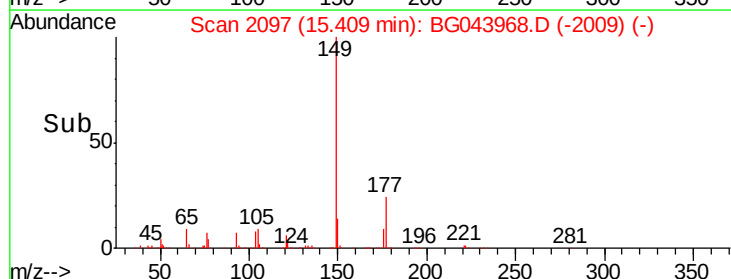
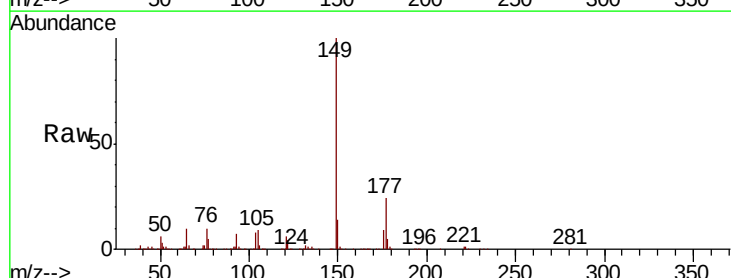
Manual Integrations
APPROVED

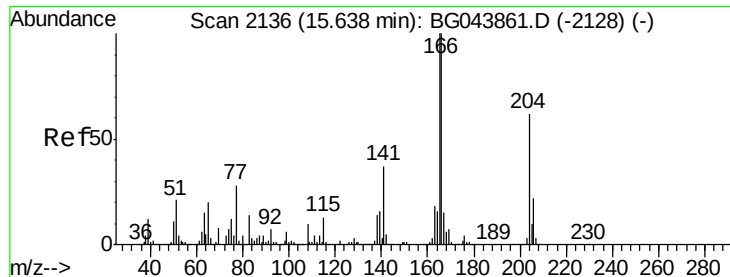
mohammad
1/9/2020 12:10:02 PM



#60
Diethylphthalate
Concen: 41.377 ng
RT: 15.41 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	911699		
177	23.7	20.0	30.0	
150	13.6	11.1	16.7	





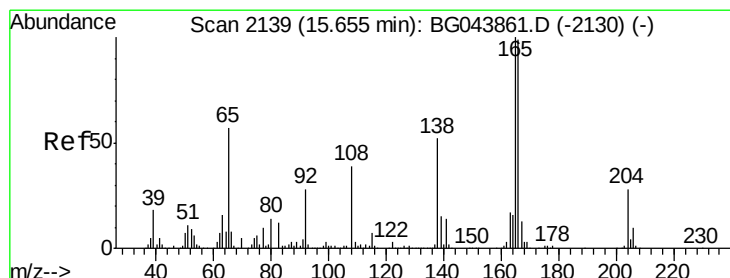
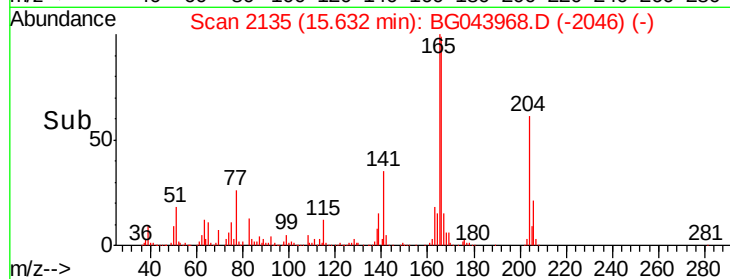
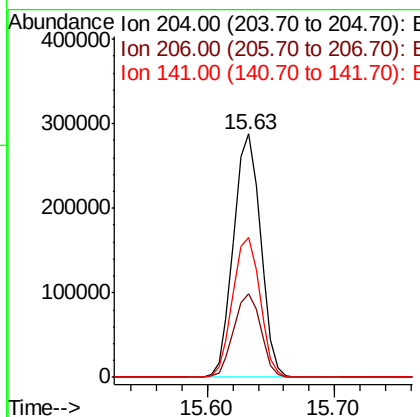
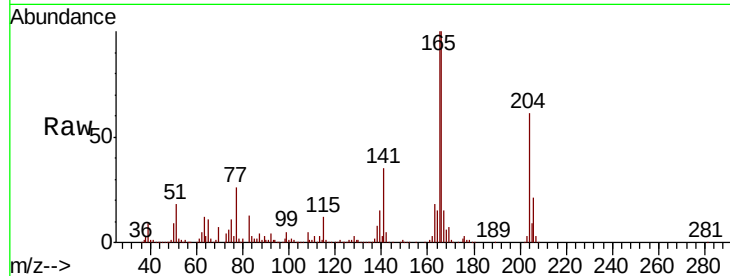
#61
 4-Chlorophenyl-phenylether
 Concen: 39.652 ng
 RT: 15.63 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

Instrument :
 BNA_G
 ClientSampleID :
 PB125946BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	425648		
206	34.1	28.2	42.2	
141	57.5	48.2	72.2	

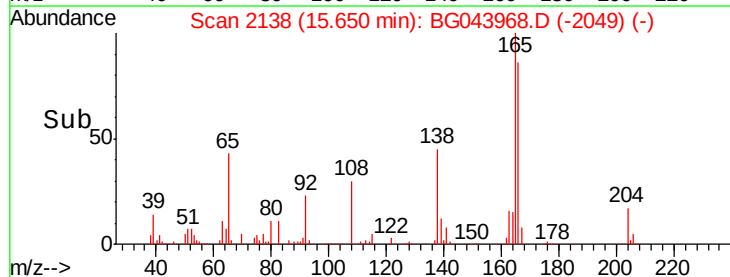
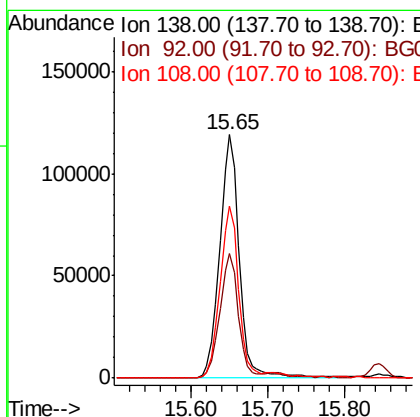
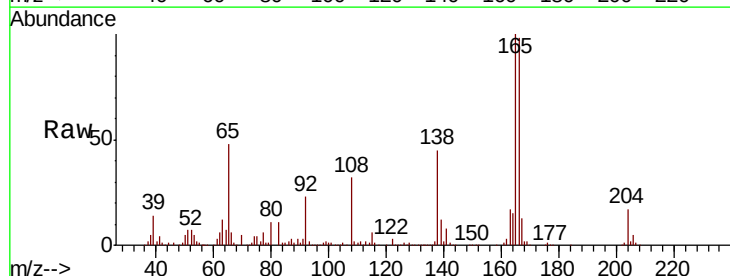
Manual Integrations
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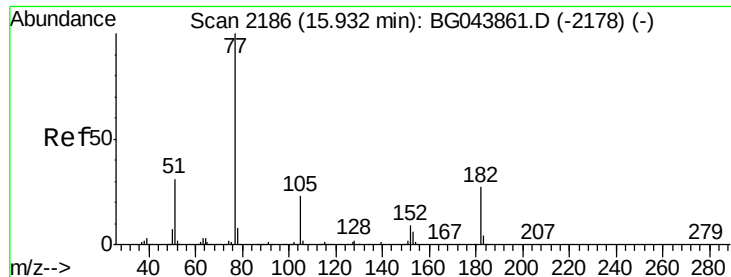
mohammad
 1/9/2020 12:10:02 PM



#62
 4-Nitroaniline
 Concen: 37.741 ng
 RT: 15.65 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	210733		
92	51.2	34.3	74.3	
108	70.5	55.0	95.0	





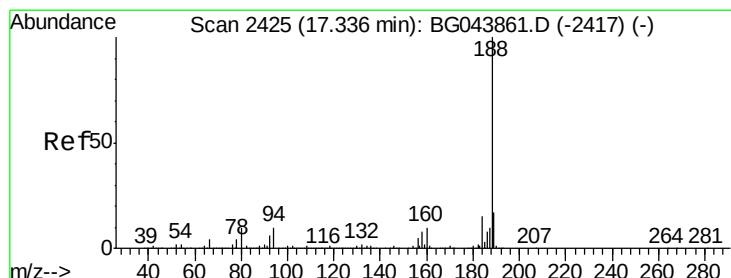
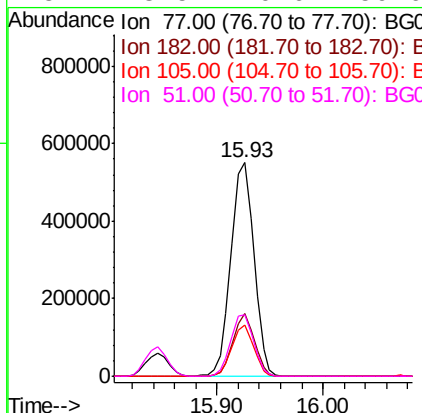
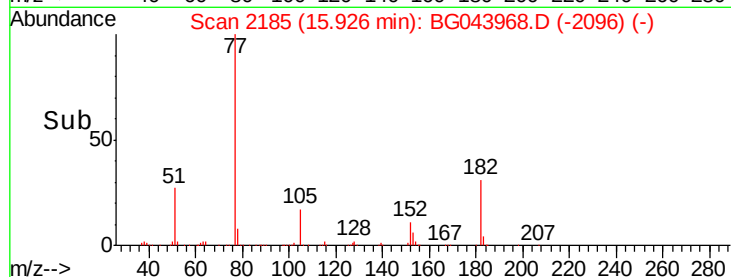
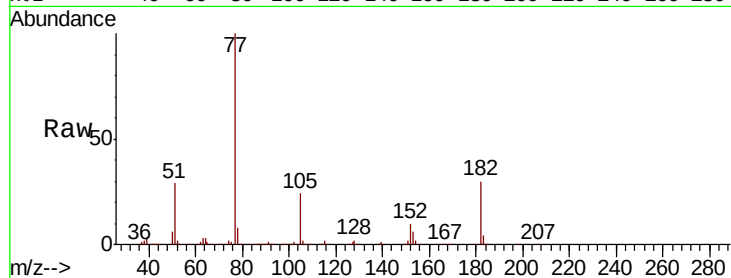
#63
Azobenzene
Concen: 40.599 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB125946BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	29.5	7.3	47.3		
105	23.7	3.2	43.2		
51	28.5	10.6	50.6		

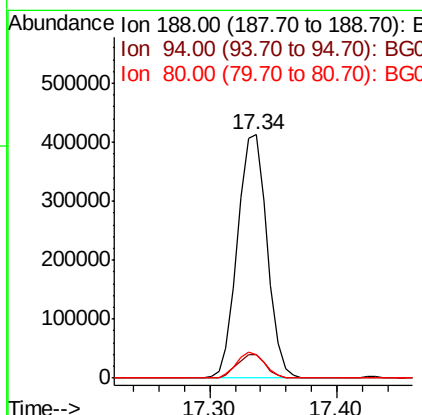
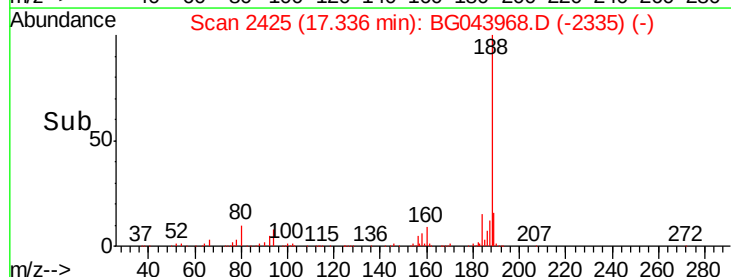
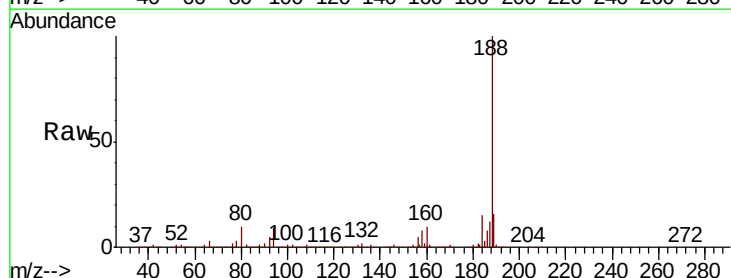
Manual Integrations
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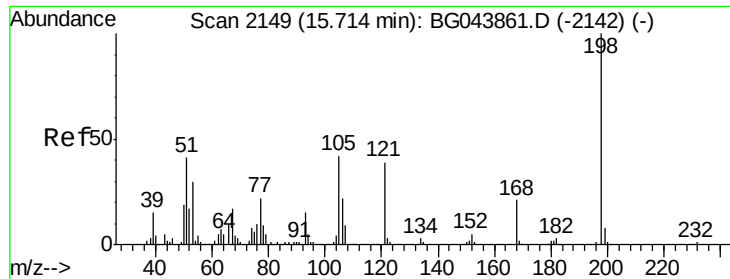
mohammad
1/9/2020 12:10:02 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.4	7.9	11.9		
80	9.8	8.2	12.4		





#65

4,6-Dinitro-2-methylphenol

Concen: 46.929 ng

RT: 15.71 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

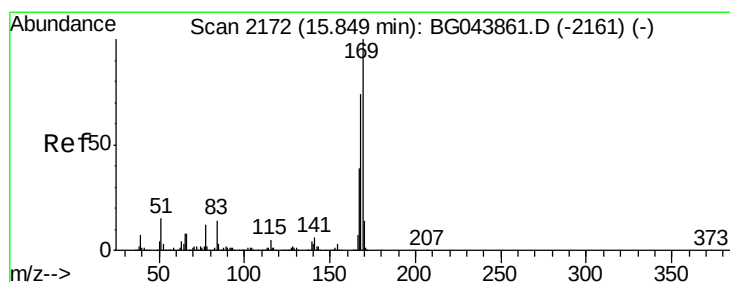
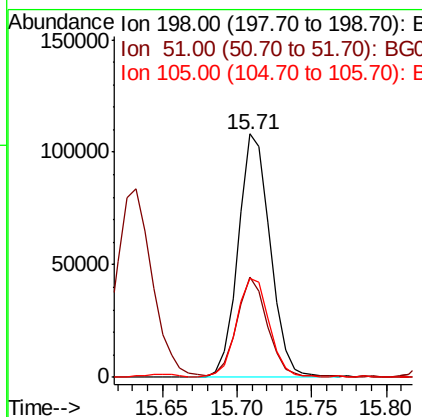
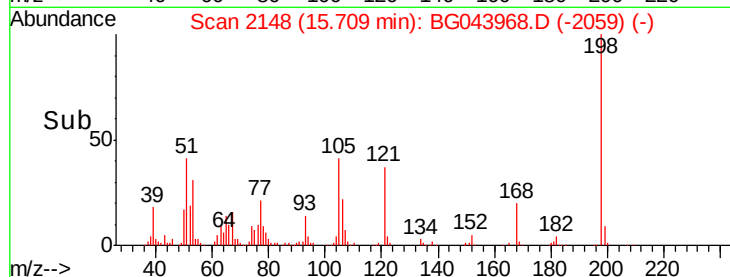
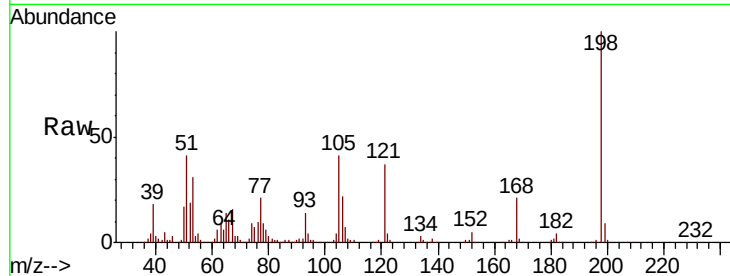
ClientSampleId :

PB125946BS

Tot Ion:	198	Resp:	160554
Ion Ratio	Lower	Upper	
198	100		
51	41.3	22.5	62.5
105	40.6	22.3	62.3

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#66

n-Nitrosodiphenylamine

Concen: 40.072 ng

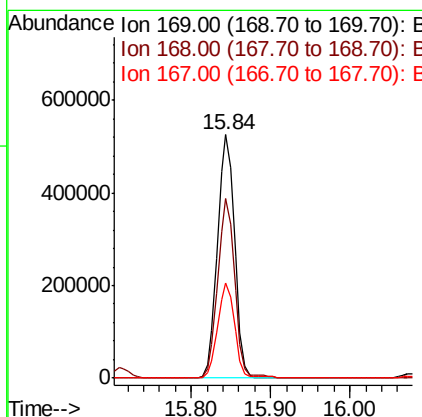
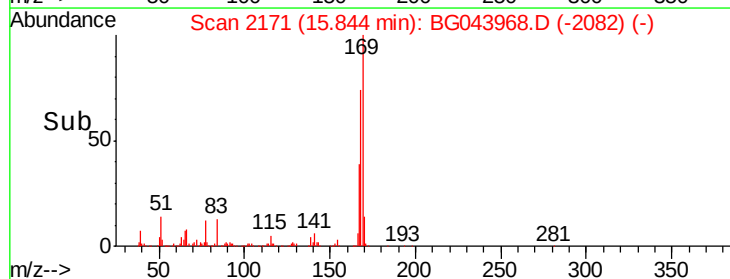
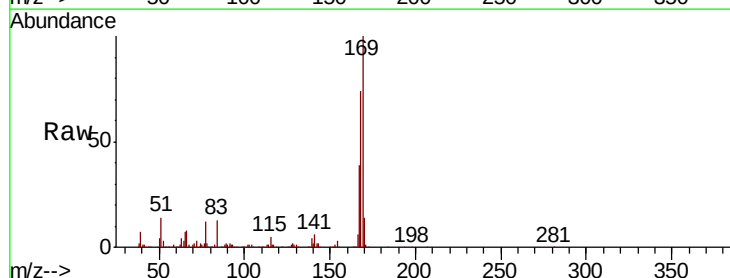
RT: 15.84 min Scan# 2171

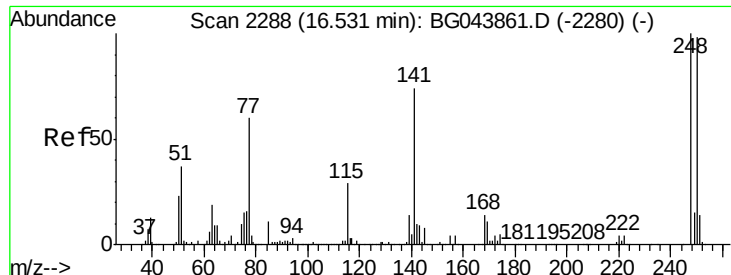
Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Tgt Ion:	169	Resp:	785391
Ion Ratio	Lower	Upper	
169	100		
168	73.5	59.0	88.6
167	39.2	31.4	47.0





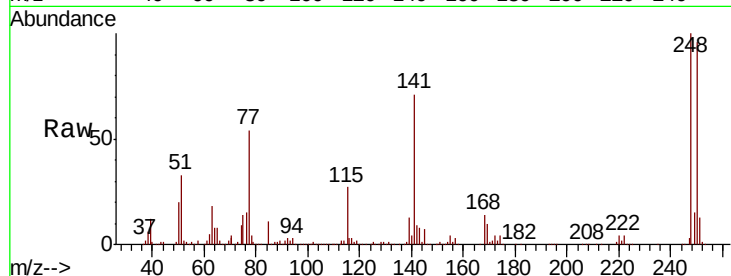
#67
4-Bromophenyl-phenylether
Concen: 36.989 ng
RT: 16.53 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Instrument :
BNA_G
ClientSampled :
PB125946BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	78.2	117.2
141	71.0	59.3	88.9

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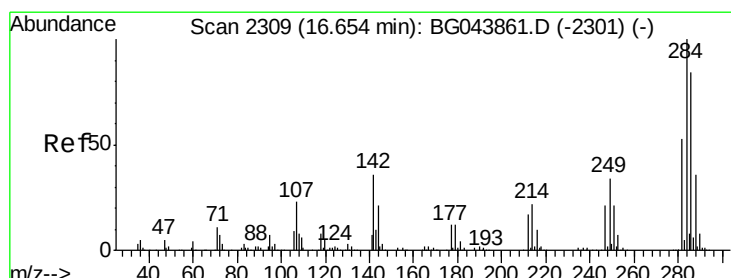
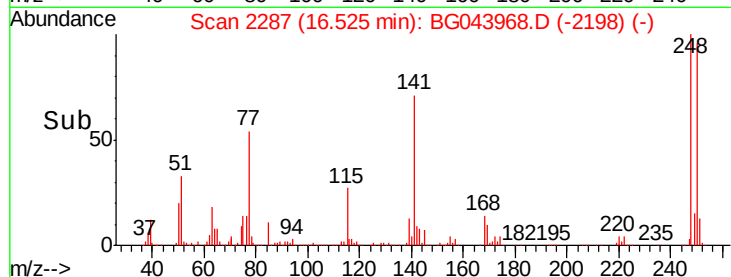
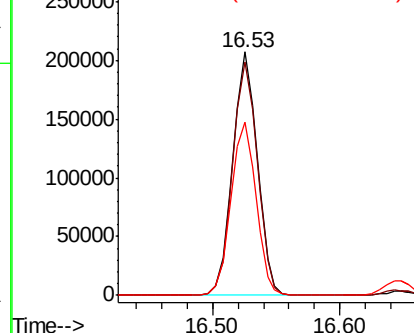


Abundance

Ion 248.00 (247.70 to 248.70): E

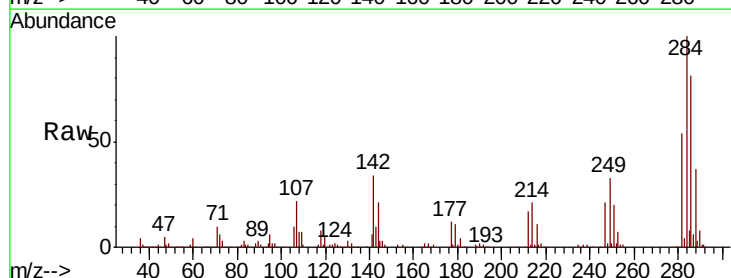
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 36.914 ng
RT: 16.65 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.5	28.6	43.0
249	33.1	27.0	40.6

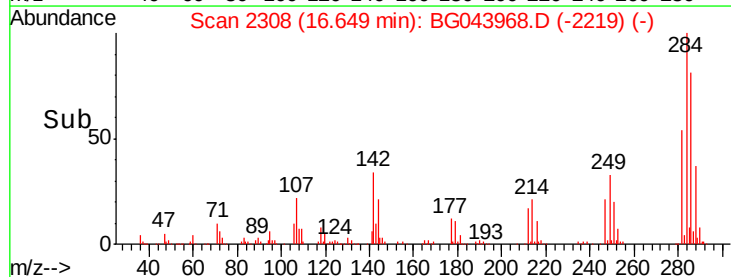
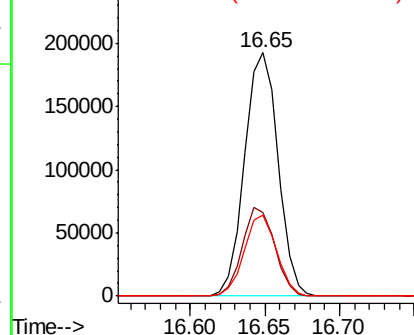


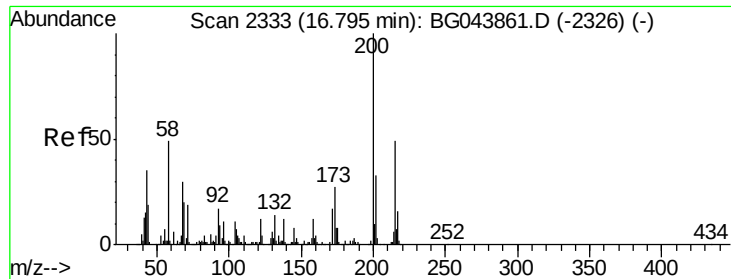
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





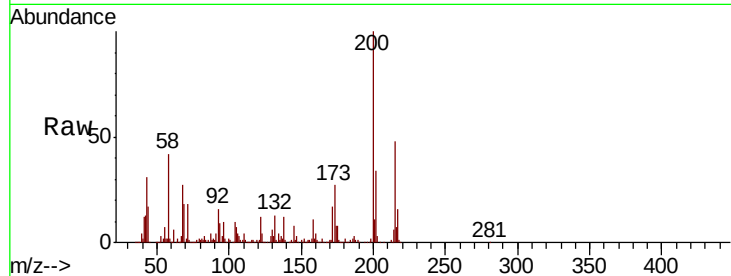
#69
Atrazine
Concen: 47.219 ng
RT: 16.80 min Scan# 2333
Delta R.T. 0.00 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Instrument :
BNA_G
ClientSampled :
PB125946BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.3	6.6	46.6
215	48.5	28.6	68.6

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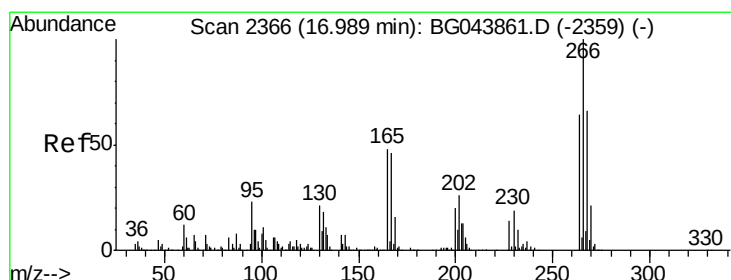
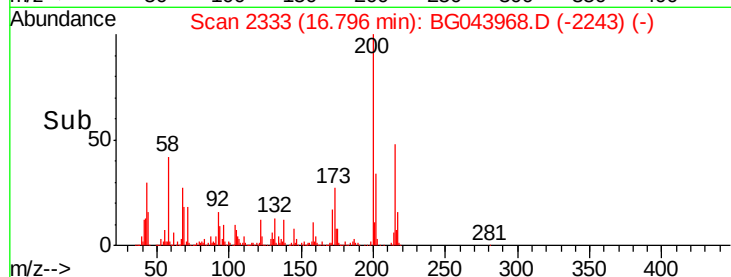
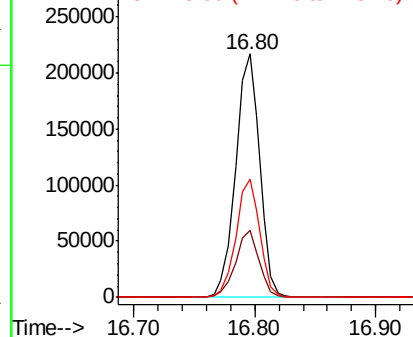


Abundance

Ion 200.00 (199.70 to 200.70): E

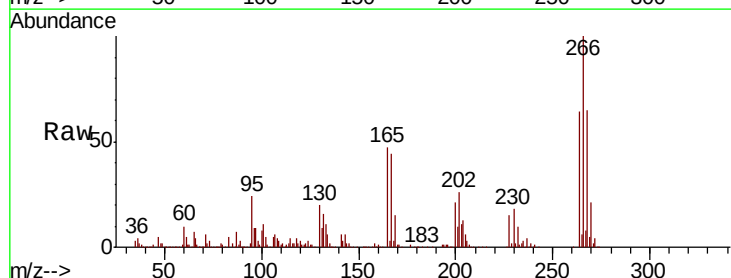
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 81.303 ng
RT: 16.99 min Scan# 2366
Delta R.T. 0.00 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.5	52.6	79.0
264	64.3	50.8	76.2

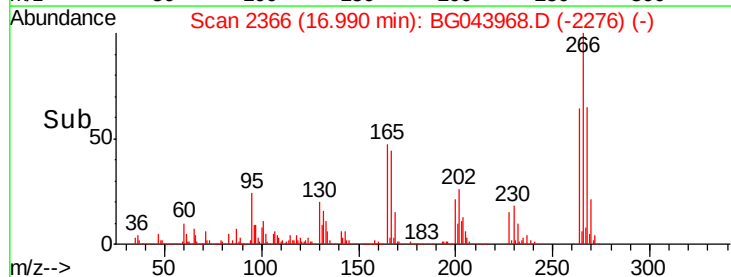
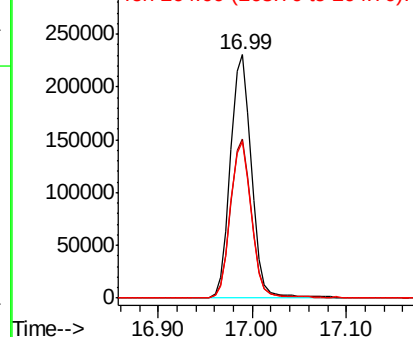


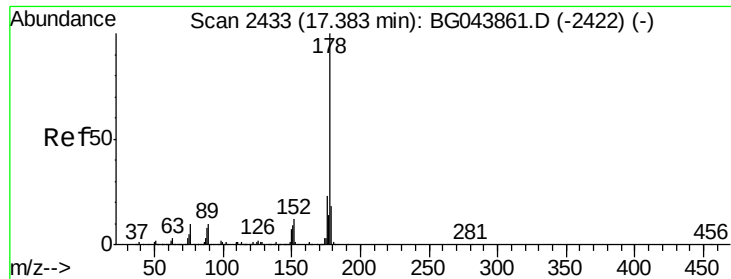
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.315 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

ClientSampled :

PB125946BS

Tot Ion:178 Resp: 1318912

Ion Ratio Lower Upper

178 100

176 22.8 18.6 28.0

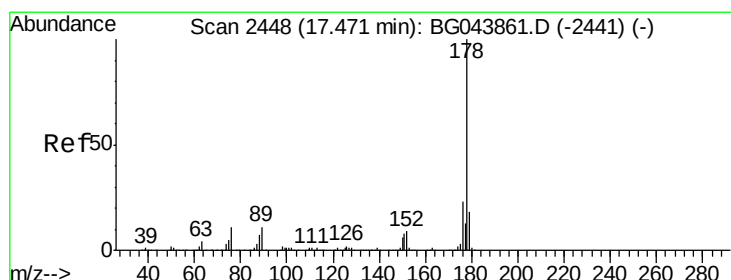
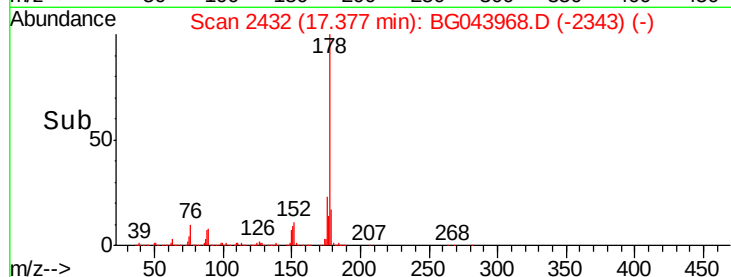
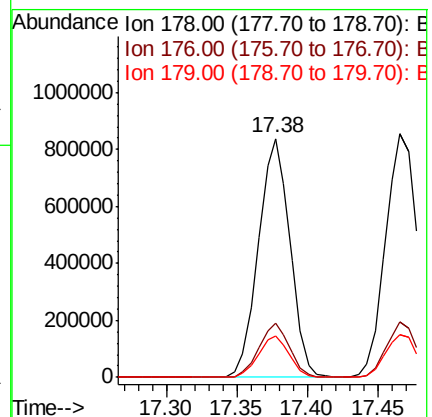
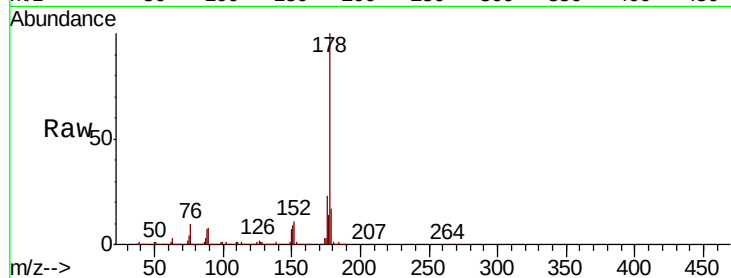
179 17.5 14.4 21.6

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#72

Anthracene

Concen: 42.746 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

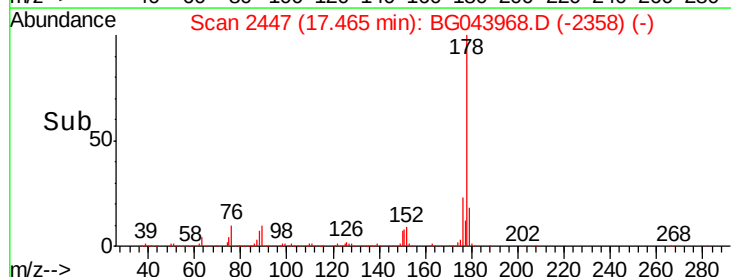
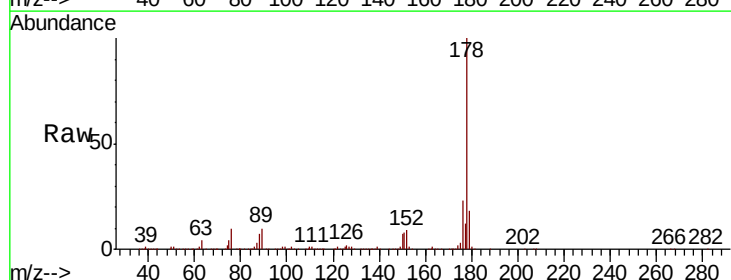
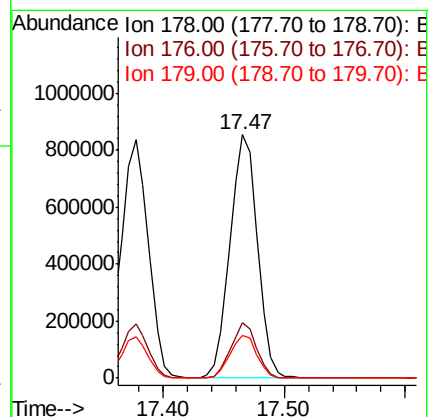
Tgt Ion:178 Resp: 1348584

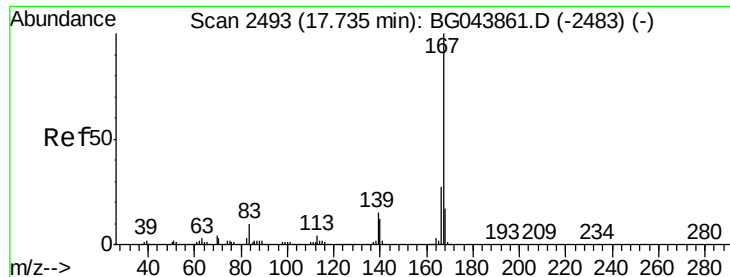
Ion Ratio Lower Upper

178 100

176 22.8 18.3 27.5

179 17.8 14.6 22.0





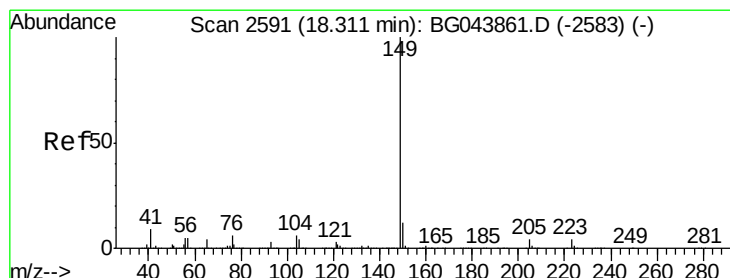
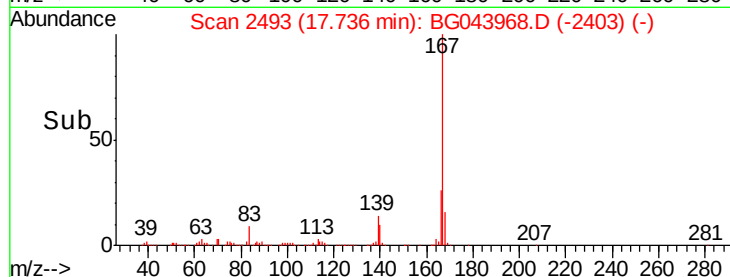
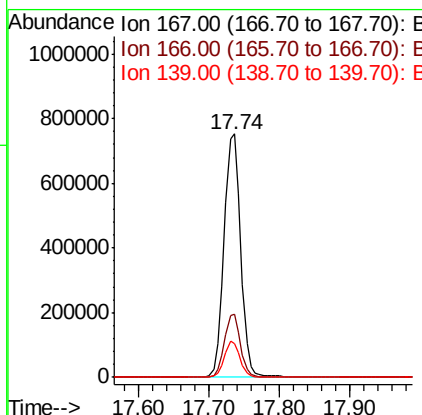
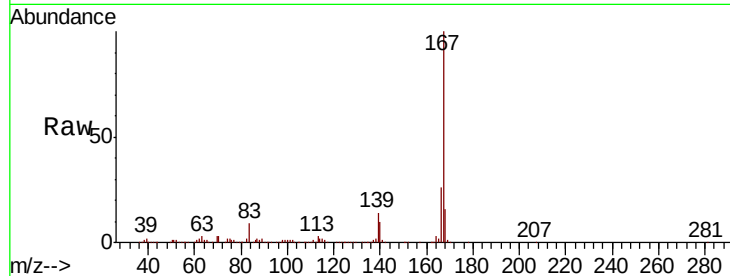
#73
 Carbazole
 Concen: 42.643 ng
 RT: 17.74 min Scan# 2493
 Delta R.T. 0.00 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

Instrument :
 BNA_G
 ClientSampleId :
 PB125946BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.9	21.6	32.4
139	13.9	12.1	18.1

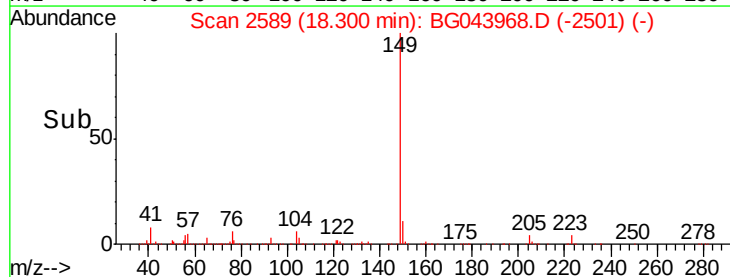
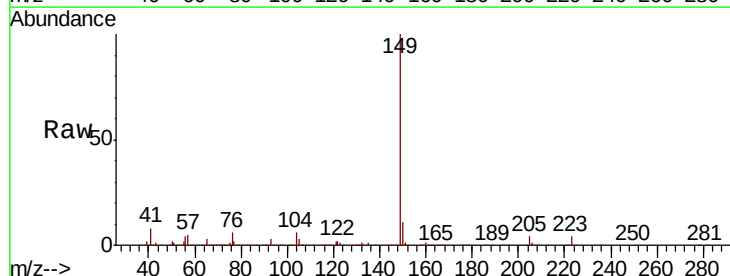
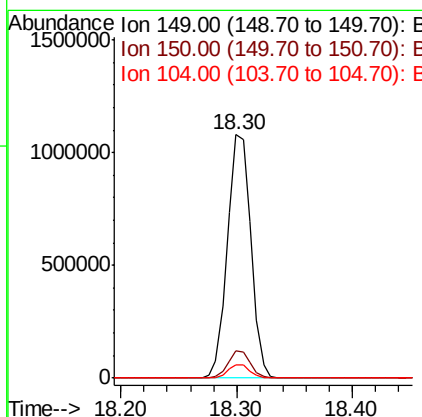
Manual Integrations
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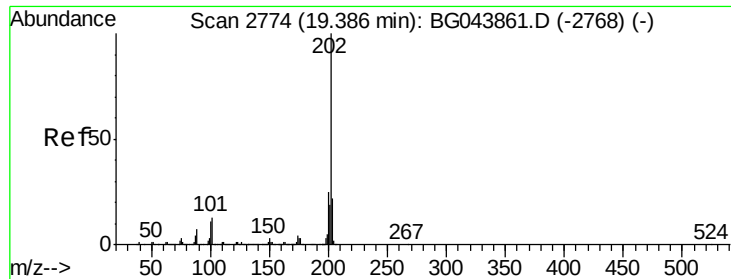
mohammad
 1/9/2020 12:10:02 PM



#74
 Di-n-butylphthalate
 Concen: 40.870 ng
 RT: 18.30 min Scan# 2589
 Delta R.T. -0.01 min
 Lab File: BG043968.D
 Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.5	9.7	14.5
104	5.6	5.0	7.4





#75

Fluoranthene

Concen: 41.399 ng

RT: 19.39 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

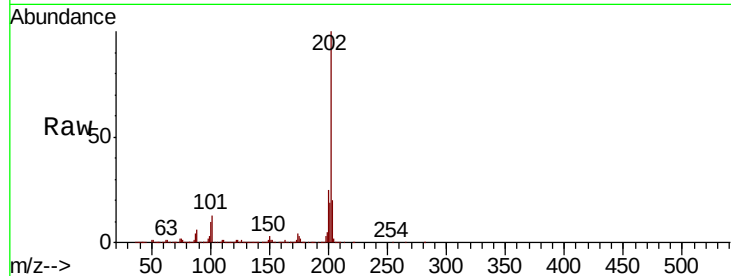
ClientSampleId :

PB125946BS

Tot Ion:	202	Resp:	1511416
Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.3
203	20.5	1.6	41.6

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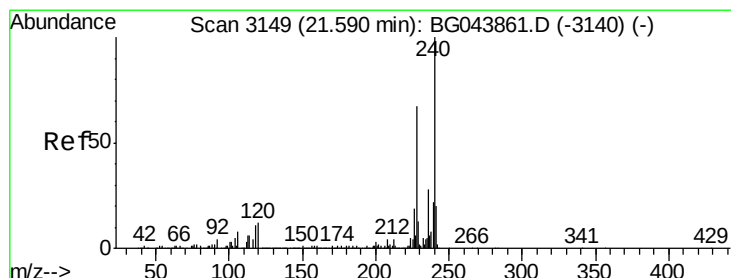
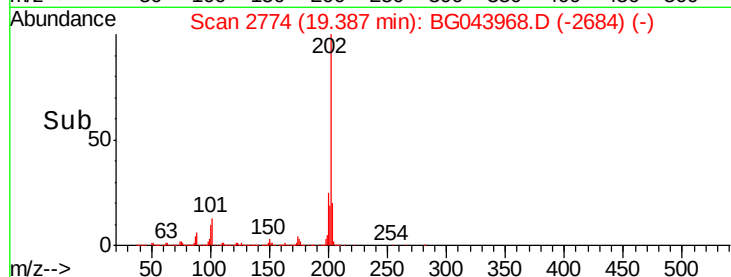
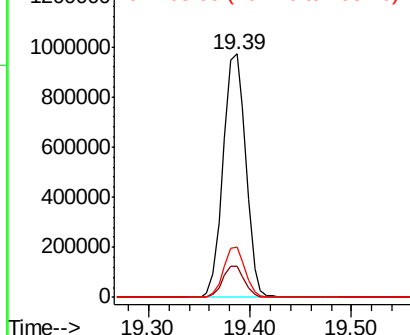


Abundance

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: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

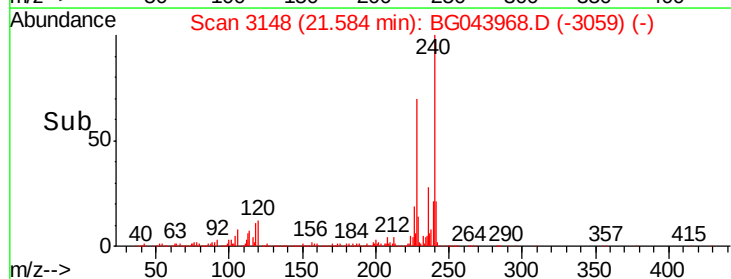
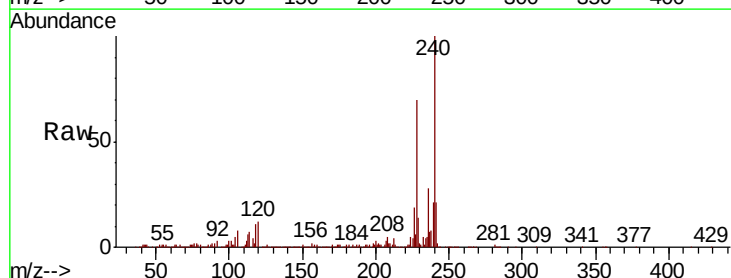
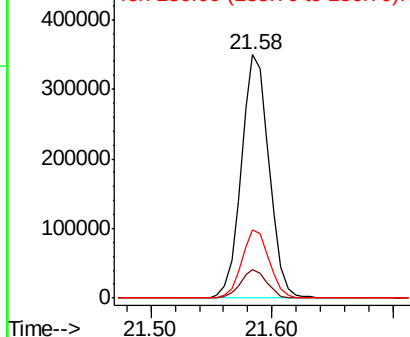
Tgt Ion:	240	Resp:	559850
Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.6	14.4
236	27.8	22.2	33.2

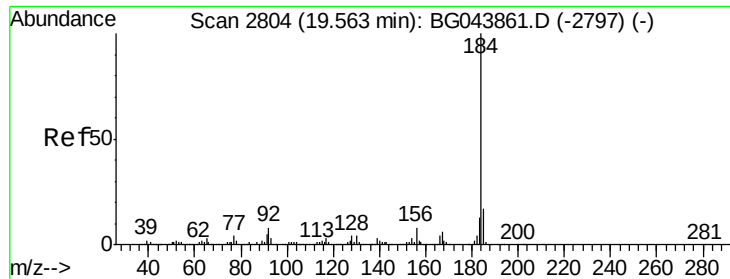
Abundance

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: 44.301 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB125946BS

Tot Ion:184 Resp: 623410

Ion Ratio Lower Upper

184 100

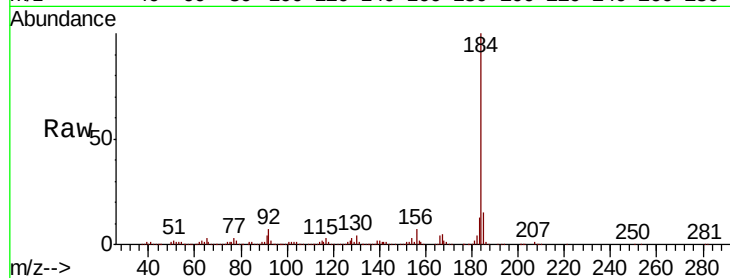
185 14.7 13.4 20.0

183 12.8 10.6 15.8

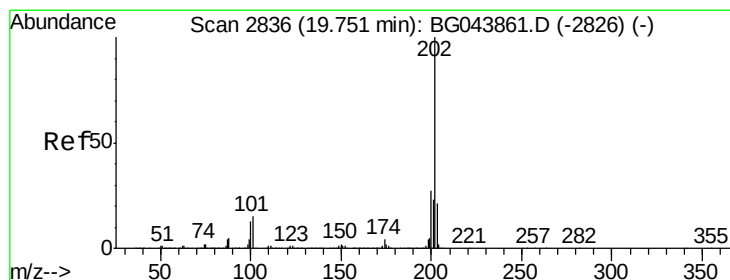
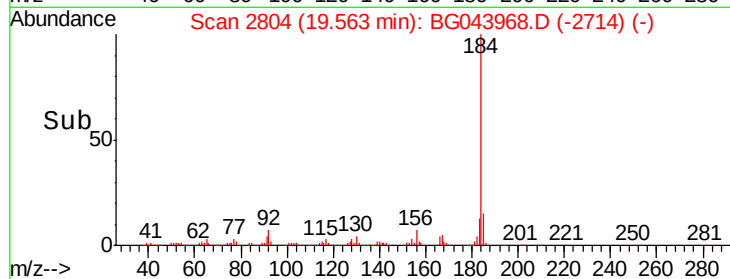
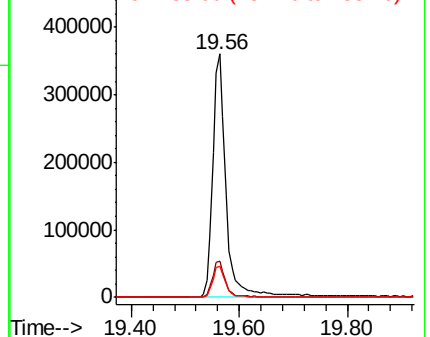
Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.378 ng

RT: 19.75 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

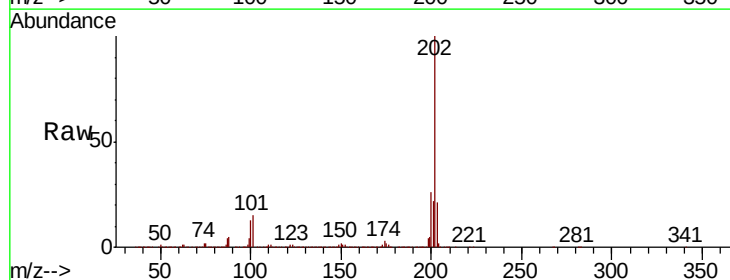
Tgt Ion:202 Resp: 1512089

Ion Ratio Lower Upper

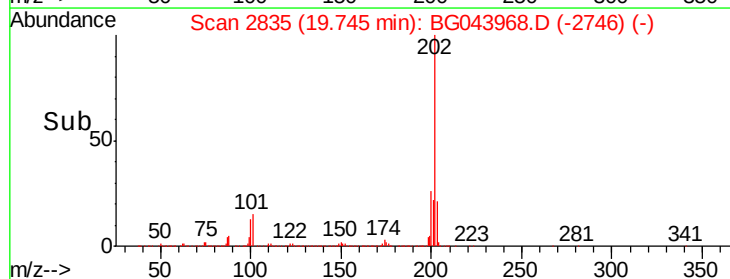
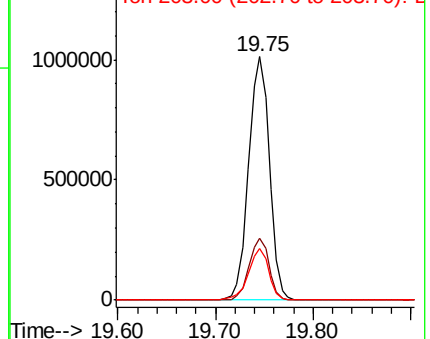
202 100

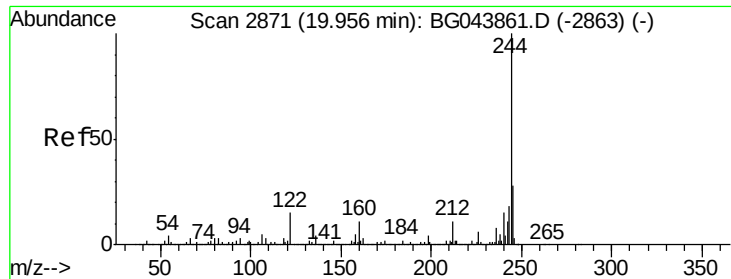
200 25.5 21.7 32.5

203 21.0 17.0 25.6



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





#79

Terphenyl-d14

Concen: 84.483 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB125946BS

Tot Ion:244 Resp: 1964868

Ion Ratio Lower Upper

244 100

212 10.0 8.6 13.0

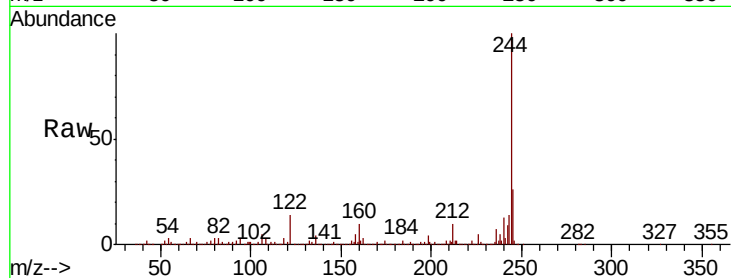
122 14.4 11.9 17.9

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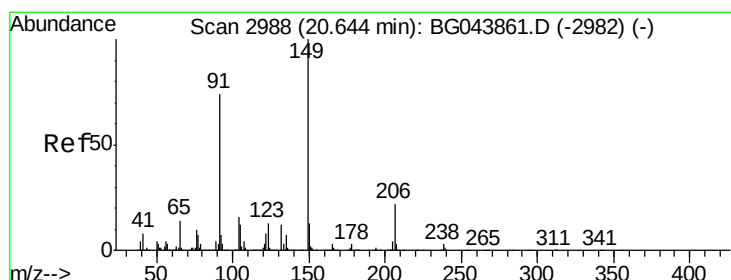
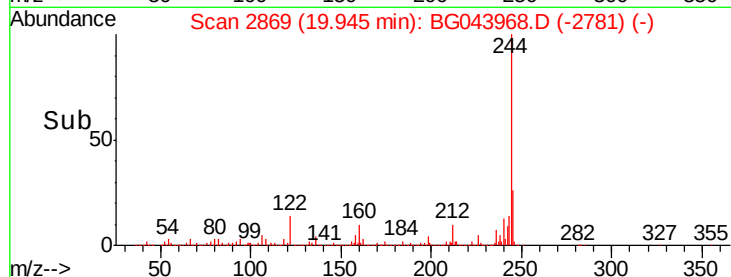
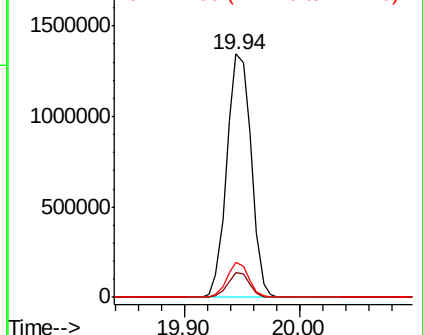
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.554 ng

RT: 20.64 min Scan# 2987

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

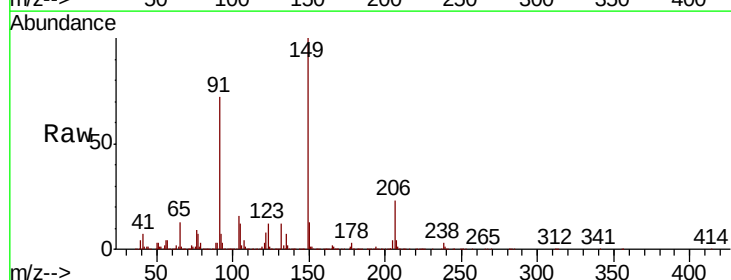
Tgt Ion:149 Resp: 705571

Ion Ratio Lower Upper

149 100

91 71.9 59.5 89.3

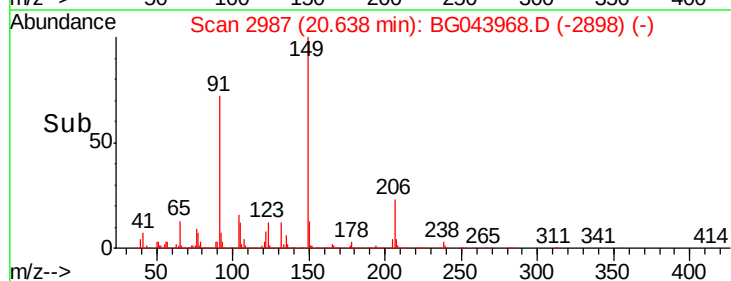
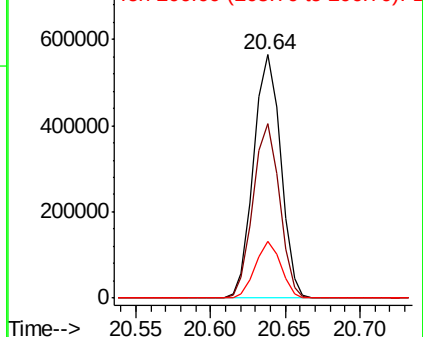
206 23.1 17.8 26.6

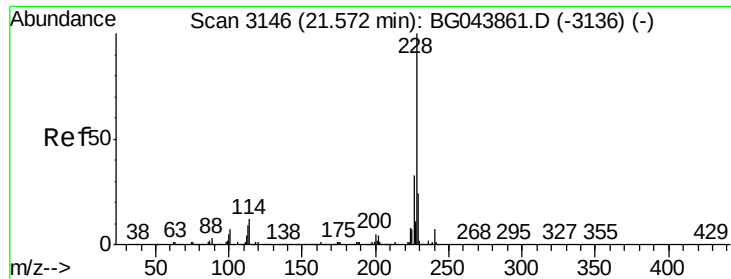


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





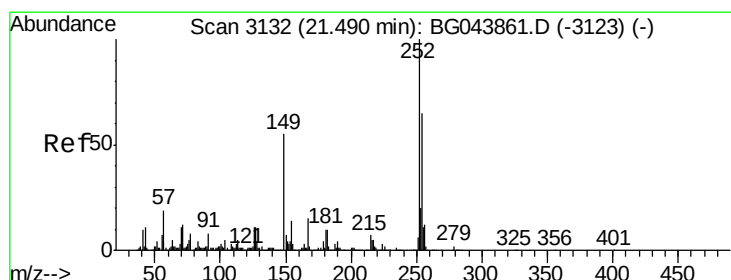
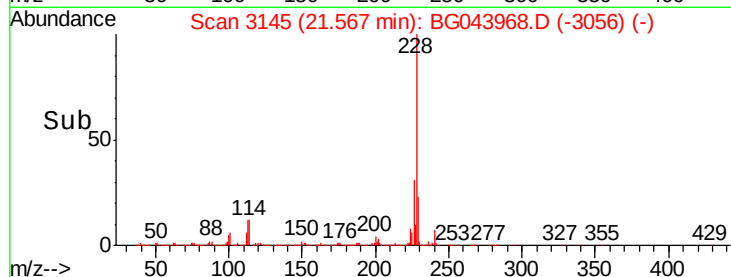
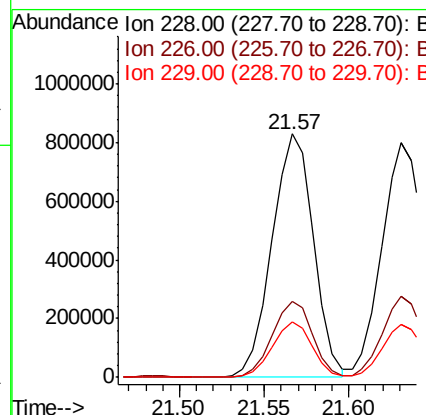
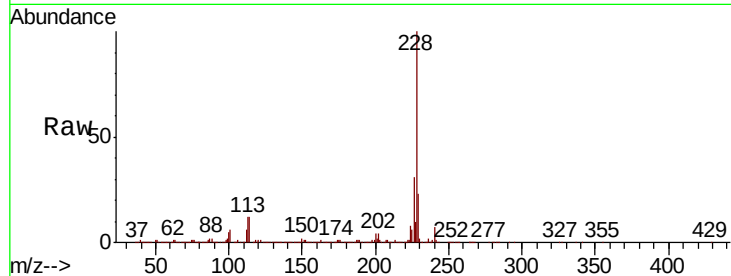
#81
Benzo(a)anthracene
Concen: 40.709 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB125946BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	26.2	39.4
229	22.6	18.9	28.3

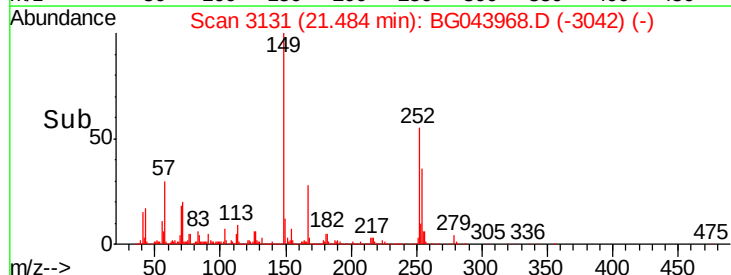
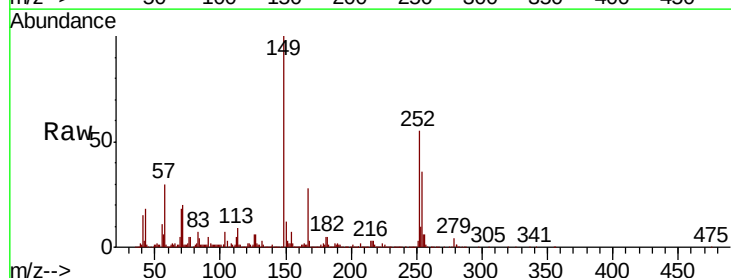
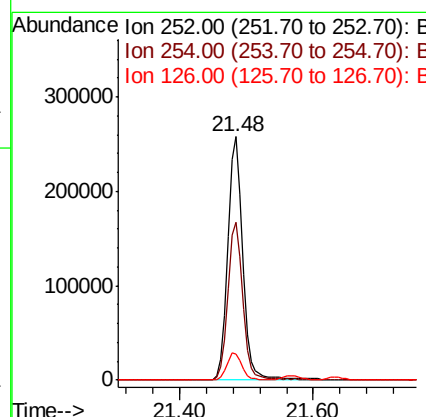
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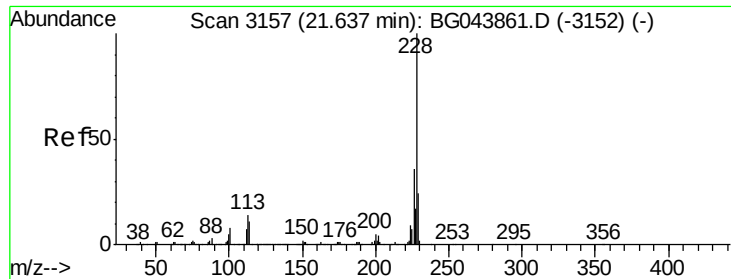
mohammad
1/9/2020 12:10:02 PM



#82
3,3'-Dichlorobenzidine
Concen: 30.112 ng
RT: 21.48 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.1	78.1
126	10.9	9.1	13.7





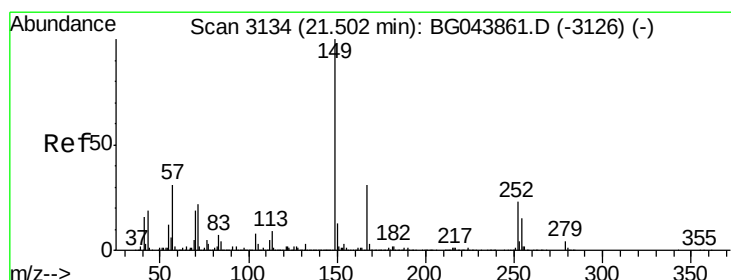
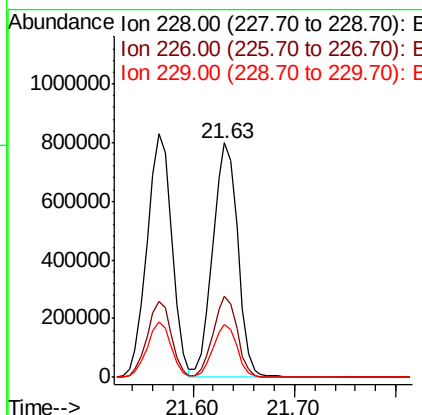
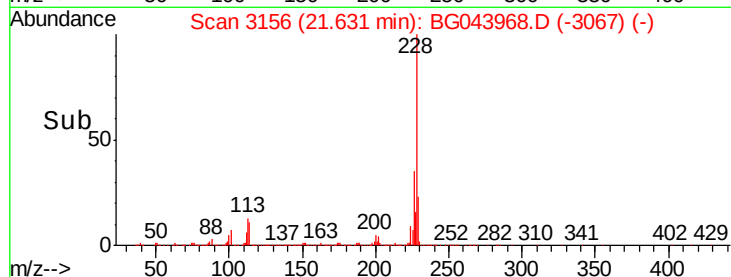
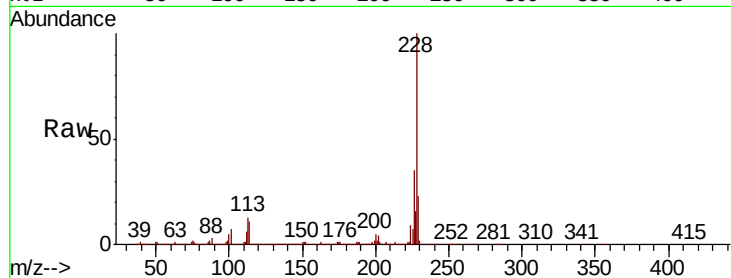
#83
Chrysene
Concen: 41.348 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB125946BS

Tot Ion:228 Resp: 1363903
Ion Ratio Lower Upper
228 100
226 34.7 28.8 43.2
229 22.8 19.0 28.6

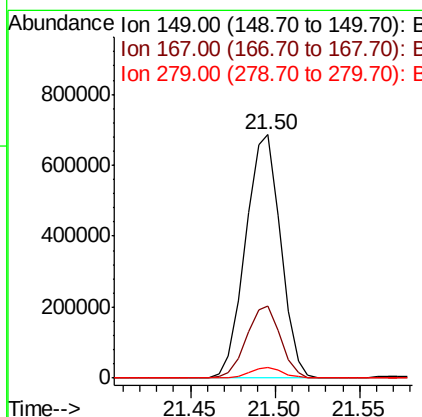
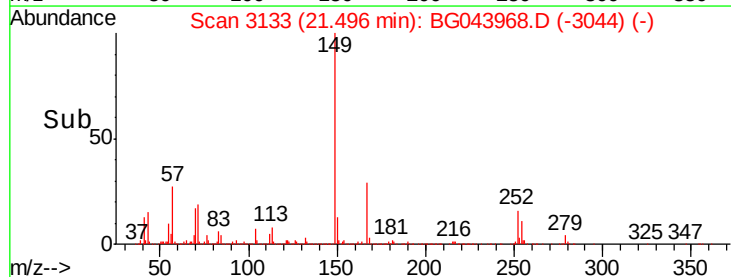
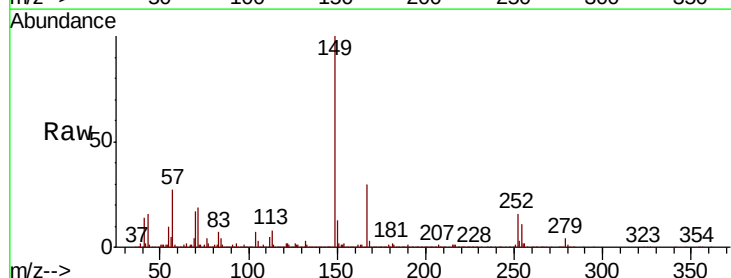
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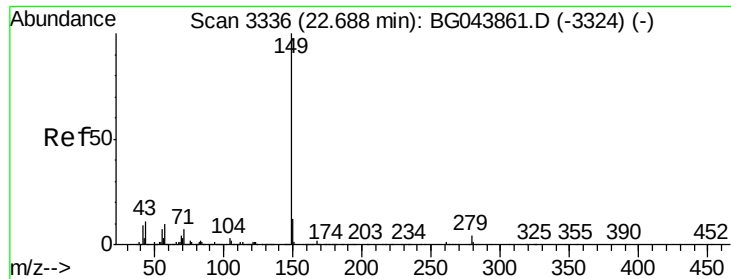
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.271 ng
RT: 21.50 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion:149 Resp: 990742
Ion Ratio Lower Upper
149 100
167 29.5 24.7 37.1
279 4.5 3.3 4.9





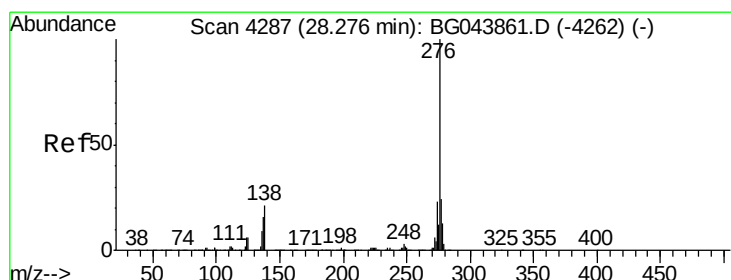
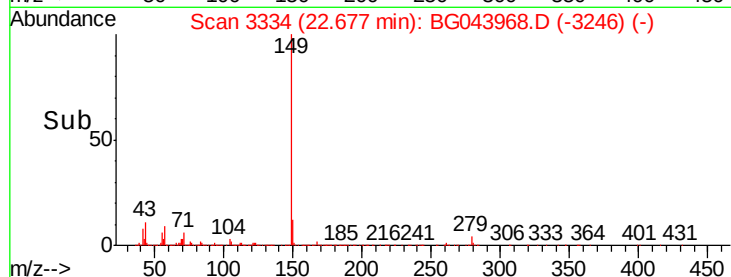
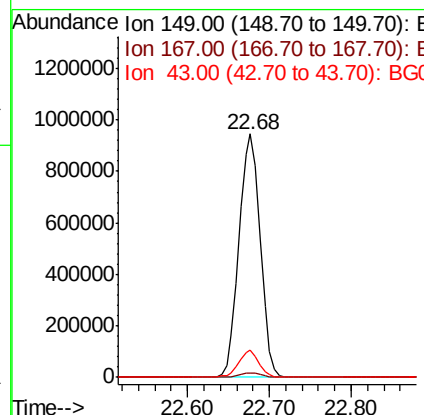
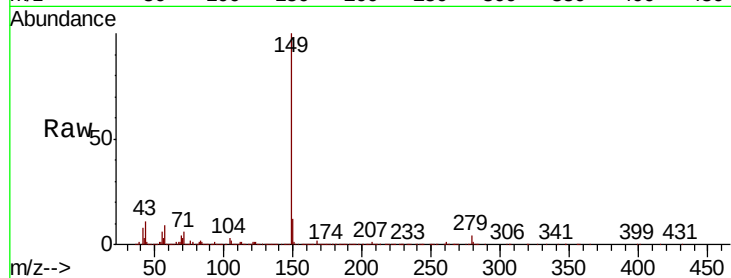
#85
Di-n-octyl phthalate
Concen: 42.327 ng
RT: 22.68 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB125946BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.9	8.8	13.2

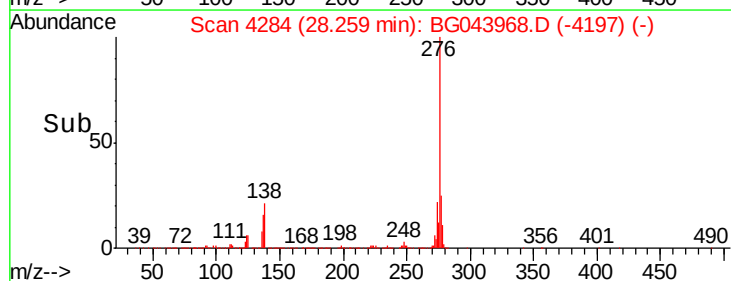
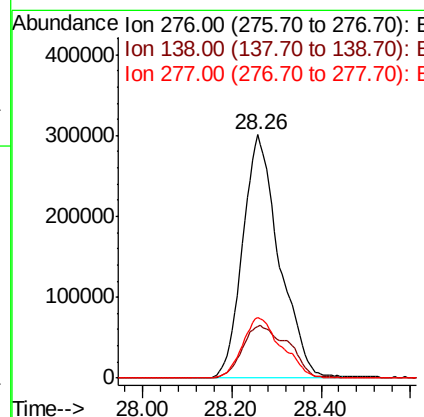
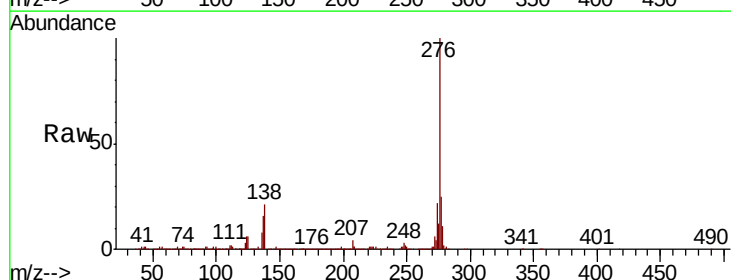
Manual Integrations
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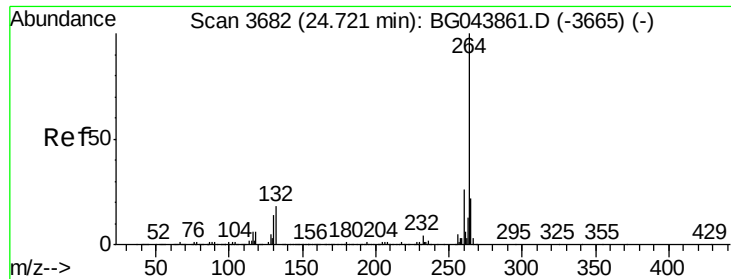
mohammad
1/9/2020 12:10:02 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.028 ng
RT: 28.26 min Scan# 4284
Delta R.T. -0.02 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.2	21.0	31.4#
277	26.7	21.1	31.7





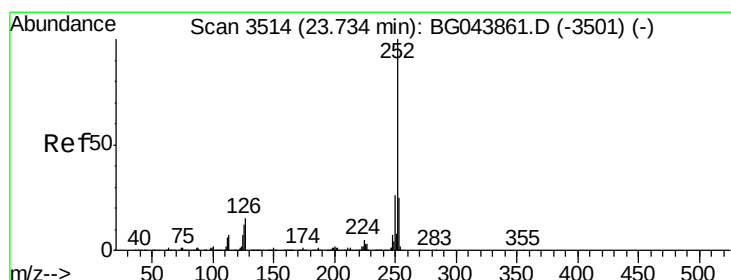
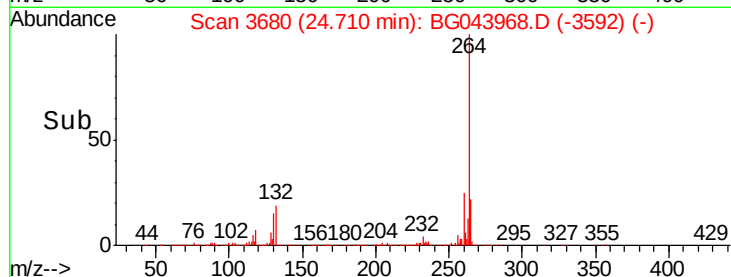
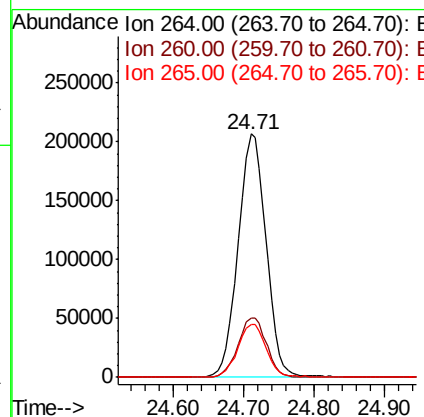
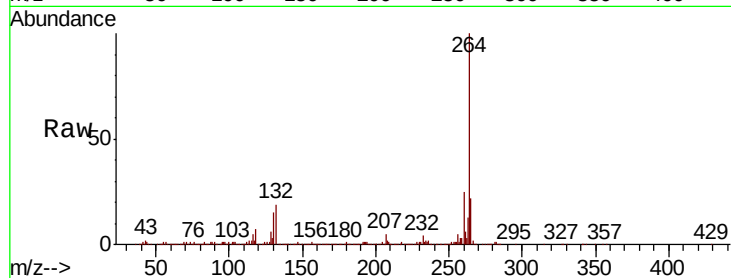
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB125946BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.4	30.6
265	21.9	17.4	26.2

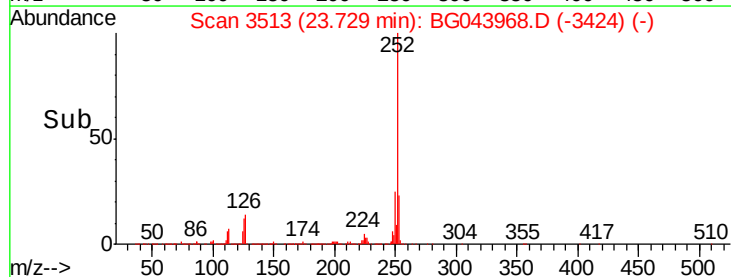
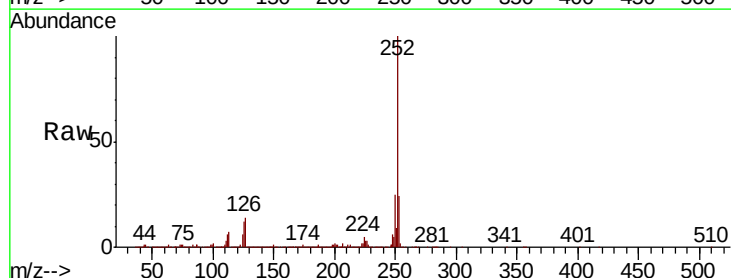
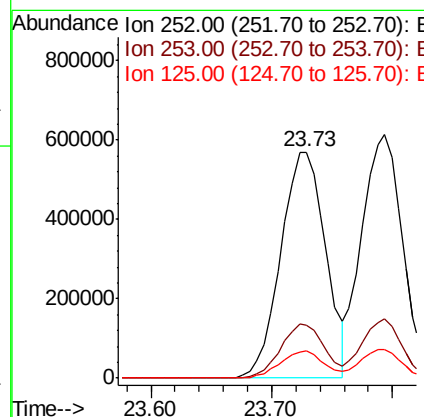
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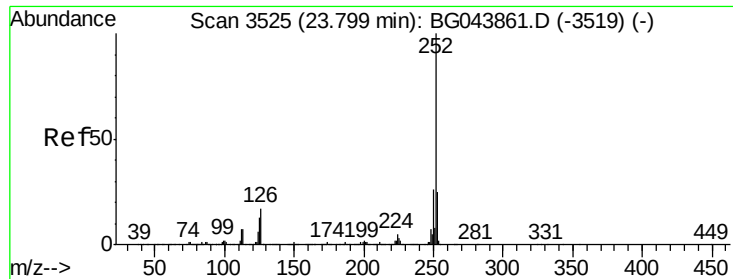
mohammad
1/9/2020 12:10:02 PM



#88
Benzo(b)fluoranthene
Concen: 43.428 ng
RT: 23.73 min Scan# 3513
Delta R.T. -0.01 min
Lab File: BG043968.D
Acq: 8 Jan 2020 15:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.7	29.5
125	12.1	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 45.093 ng

RT: 23.79 min Scan# 3524

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

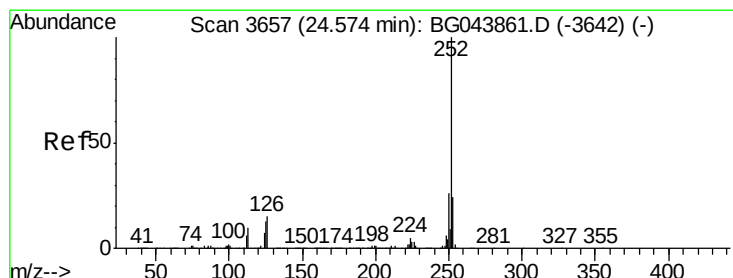
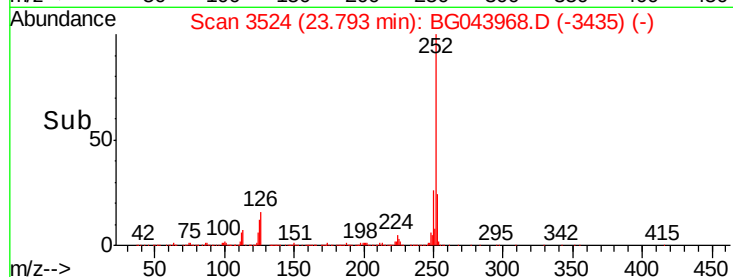
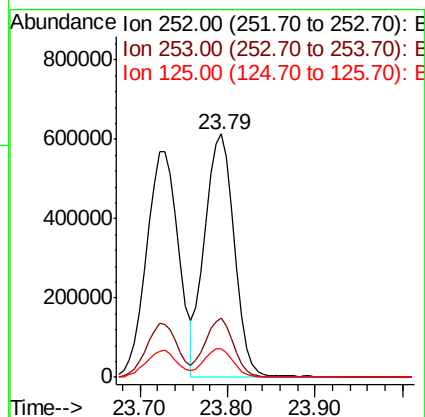
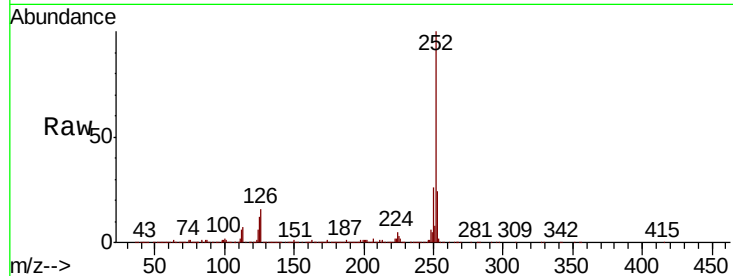
ClientSampleId :

PB125946BS

Tot Ion:	252	Resp:	1444544
Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.4	29.2
125	11.6	9.9	14.9

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 42.714 ng

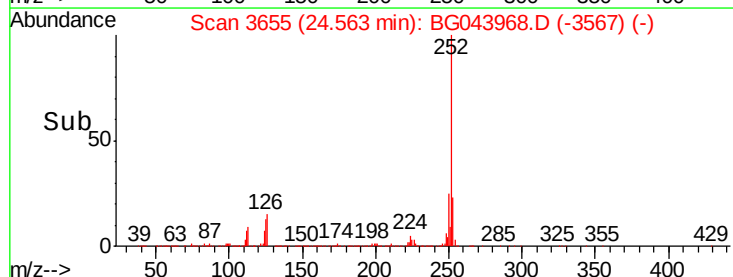
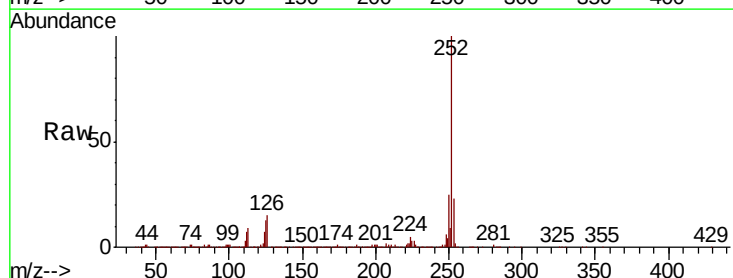
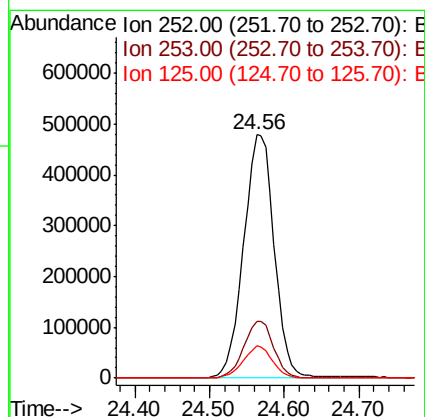
RT: 24.56 min Scan# 3655

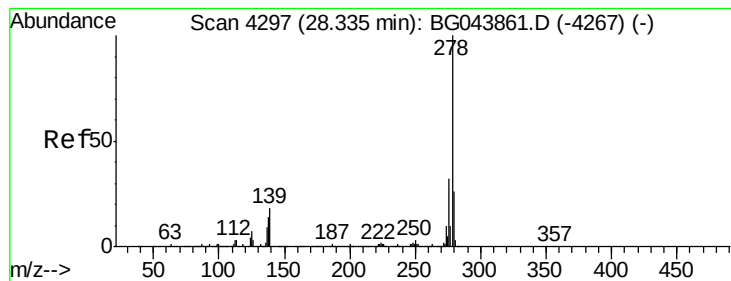
Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Tgt Ion:	252	Resp:	1358092
Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.3	28.9
125	13.2	10.4	15.6





#91

Dibenzo(a,h)anthracene

Concen: 44.716 ng

RT: 28.32 min Scan# 4295

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB125946BS

Tot Ion:278 Resp: 1427863

Ion Ratio Lower Upper

278 100

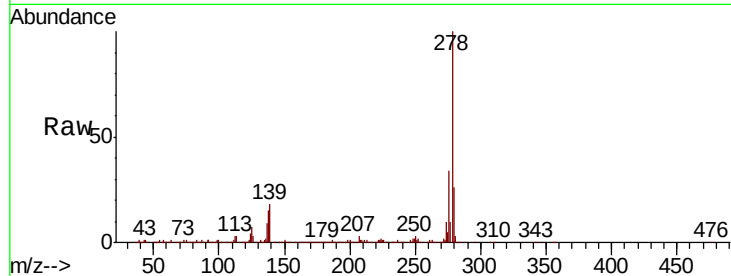
139 17.6 14.2 21.4

279 25.6 20.6 30.8

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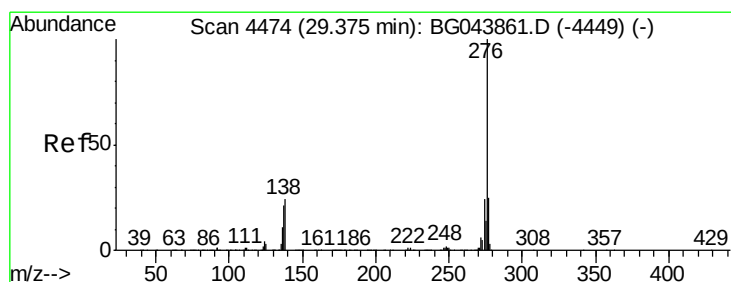
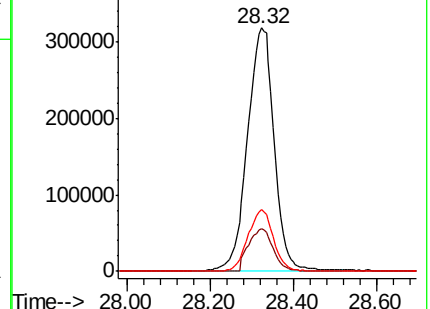
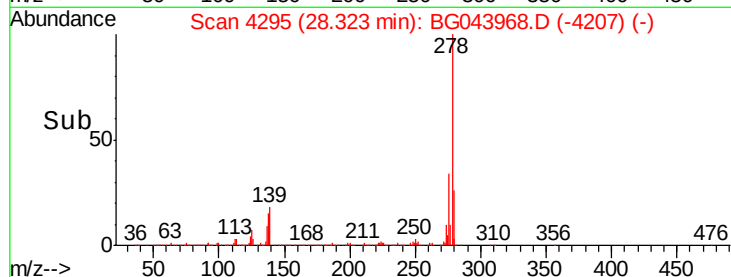
1/9/2020 12:10:02 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.305 ng

RT: 29.36 min Scan# 4472

Delta R.T. -0.01 min

Lab File: BG043968.D

Acq: 8 Jan 2020 15:26

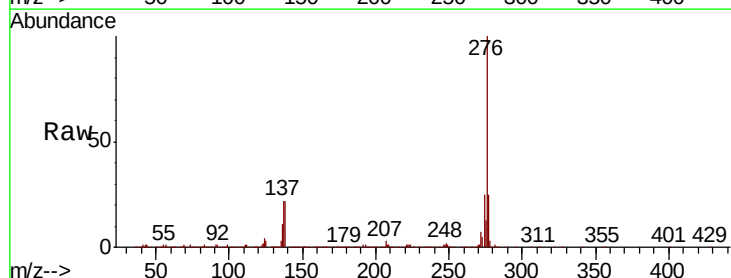
Tgt Ion:276 Resp: 1437002

Ion Ratio Lower Upper

276 100

277 24.9 20.2 30.4

138 22.3 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

