

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043215.D
 Acq On : 15 Oct 2019 12:47
 Operator : JU
 Sample : PB123928BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123928BS

Manual Integrations
 APPROVED

mohammad
 10/17/2019 7:57:19 AM

Quant Time: Oct 15 15:46:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	48121	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	194950	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	143077	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	331998	20.00	ng	0.00
76) Chrysene-d12	21.69	240	360753	20.00	ng	0.00
87) Perylene-d12	24.92	264	386767	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	316952	117.55	ng	0.00
7) Phenol-d6	7.22	99	429987	110.74	ng	0.00
23) Nitrobenzene-d5	9.22	82	222329	55.43	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	278857	113.34	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	600771	60.87	ng	0.00
79) Terphenyl-d14	20.03	244	1147793	67.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	37944	33.751	ng	92
3) Pyridine	3.92	79	90285	28.553	ng	# 79
4) n-Nitrosodimethylamine	3.83	42	52102	34.265	ng	86
6) Aniline	7.38	93	146894	31.339	ng	97
8) 2-Chlorophenol	7.62	128	127472	45.331	ng	93
9) Benzaldehyde	7.19	77	78318	33.007	ng	84
10) Phenol	7.25	94	154290	43.309	ng	95
11) bis(2-Chloroethyl)ether	7.47	93	102185	37.071	ng	93
12) 1,3-Dichlorobenzene	7.94	146	141208	39.364	ng	98
13) 1,4-Dichlorobenzene	8.09	146	142692	39.902	ng	98
14) 1,2-Dichlorobenzene	8.40	146	133847	39.314	ng	95
15) Benzyl Alcohol	8.29	79	114307	39.155	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	148954	28.138	ng	92
17) 2-Methylphenol	8.50	107	107435	43.099	ng	98
18) Hexachloroethane	9.13	117	49078	36.441	ng	95
19) n-Nitroso-di-n-propylamine	8.85	70	91692	35.962	ng	92
20) 3+4-Methylphenols	8.83	107	144277	42.235	ng	94
22) Acetophenone	8.87	105	182919	36.400	ng	96
24) Nitrobenzene	9.26	77	143247	37.443	ng	97
25) Isophorone	9.77	82	265097	37.628	ng	98
26) 2-Nitrophenol	9.97	139	70485	43.279	ng	97
27) 2,4-Dimethylphenol	10.03	122	114032	45.592	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	147819	36.980	ng	97
29) 2,4-Dichlorophenol	10.51	162	136344	43.832	ng	94
30) 1,2,4-Trichlorobenzene	10.72	180	149696	37.266	ng	98
31) Naphthalene	10.91	128	382135	39.820	ng	99
32) Benzoic acid	10.18	122	55182	30.979	ng	88
33) 4-Chloroaniline	11.02	127	95597	22.957	ng	# 92
34) Hexachlorobutadiene	11.20	225	108612	36.111	ng	98
35) Caprolactam	11.78	113	41203m	37.561	ng	
36) 4-Chloro-3-methylphenol	12.14	107	142403	42.104	ng	97
37) 2-Methylnaphthalene	12.51	142	293662	40.112	ng	97
38) 1-Methylnaphthalene	12.72	142	285015	41.143	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	193065	35.888	ng	100

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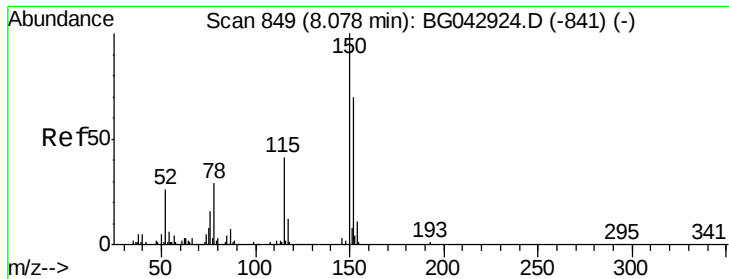
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	243882	71.152	nq	97
43) 2,4,6-Trichlorophenol	13.12	196	124284	39.472	nq	99
44) 2,4,5-Trichlorophenol	13.19	196	133163	41.054	nq	94
46) 1,1'-Biphenyl	13.51	154	401020	36.960	nq	99
47) 2-Chloronaphthalene	13.56	162	310956	38.225	nq	98
48) 2-Nitroaniline	13.76	65	97128	35.904	nq	# 85
49) Acenaphthylene	14.40	152	510697	41.028	nq	97
50) Dimethylphthalate	14.13	163	402770	37.571	nq	99
51) 2,6-Dinitrotoluene	14.24	165	92139	40.360	nq	95
52) Acenaphthene	14.74	154	300771	36.099	nq	98
53) 3-Nitroaniline	14.58	138	64402	27.297	nq	99
54) 2,4-Dinitrophenol	14.79	184	105451	74.311	nq	94
55) Dibenzofuran	15.07	168	491771	39.900	nq	99
56) 4-Nitrophenol	14.90	139	138489	77.039	nq	93
57) 2,4-Dinitrotoluene	15.04	165	134160	40.130	nq	95
58) Fluorene	15.73	166	415098	39.448	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	139473m	40.384	nq	
60) Diethylphthalate	15.49	149	409141	37.501	nq	98
61) 4-Chlorophenyl-phenylether	15.71	204	241615	38.286	nq	99
62) 4-Nitroaniline	15.75	138	88642	34.449	nq	97
63) Azobenzene	16.01	77	360919	36.336	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	83253	44.315	nq	89
66) n-Nitrosodiphenylamine	15.93	169	367889	41.976	nq	98
67) 4-Bromophenyl-phenylether	16.61	248	169952	40.786	nq	99
68) Hexachlorobenzene	16.73	284	186900	40.284	nq	98
69) Atrazine	16.88	200	159189	43.134	nq	95
70) Pentachlorophenol	17.08	266	214827	80.245	nq	98
71) Phenanthrene	17.46	178	661907	40.838	nq	98
72) Anthracene	17.55	178	686740	42.441	nq	100
73) Carbazole	17.82	167	611710	40.767	nq	99
74) Di-n-butylphthalate	18.38	149	718705	40.145	nq	98
75) Fluoranthene	19.47	202	857678	40.007	nq	97
77) Benzidine	19.66	184	398717	44.141	nq	99
78) Pyrene	19.83	202	866863	40.259	nq	99
80) Butylbenzylphthalate	20.71	149	323514	39.583	nq	96
81) Benzo(a)anthracene	21.68	228	889478	39.571	nq	99
82) 3,3'-Dichlorobenzidine	21.59	252	286544	32.502	nq	99
83) Chrysene	21.74	228	857705	39.320	nq	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	470301	40.440	nq	99
85) Di-n-octyl phthalate	22.79	149	801688	42.156	nq	95
86) Indeno(1,2,3-cd)pyrene	28.60	276	1135173	41.802	nq	# 58
88) Benzo(b)fluoranthene	23.90	252	914297	41.779	nq	99
89) Benzo(k)fluoranthene	23.96	252	962900	44.477	nq	100
90) Benzo(a)pyrene	24.77	252	870368	42.155	nq	99
91) Dibenzo(a,h)anthracene	28.66	278	957441	45.222	nq	98
92) Benzo(g,h,i)perylene	29.74	276	948161	46.221	nq	97

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



#1

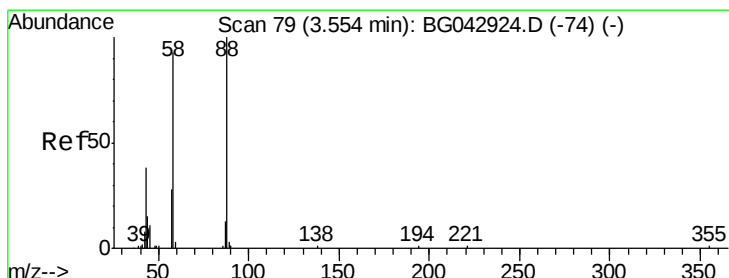
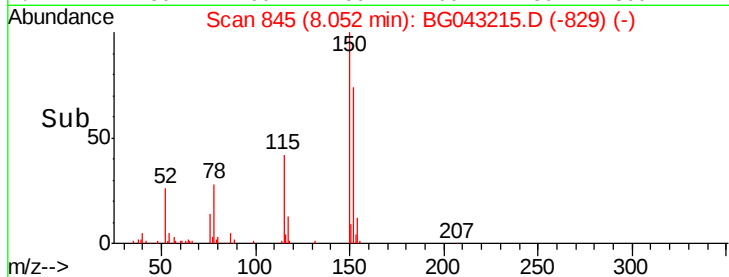
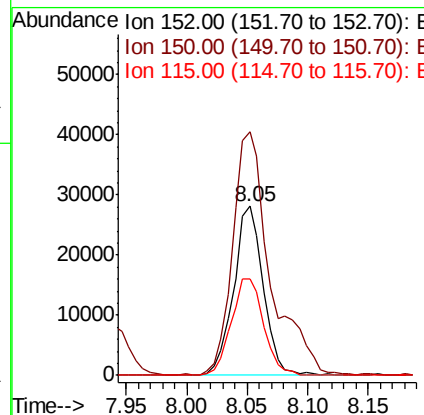
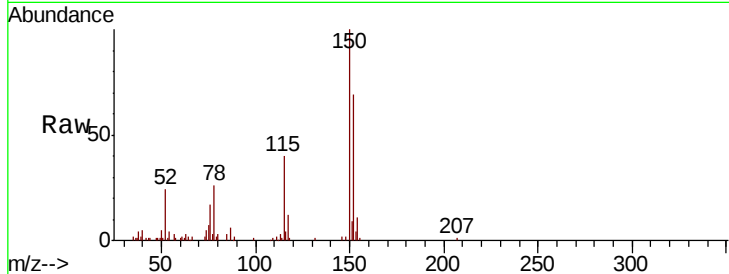
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampleId :
PB123928BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.0	115.0	172.4
115	57.1	47.0	70.6

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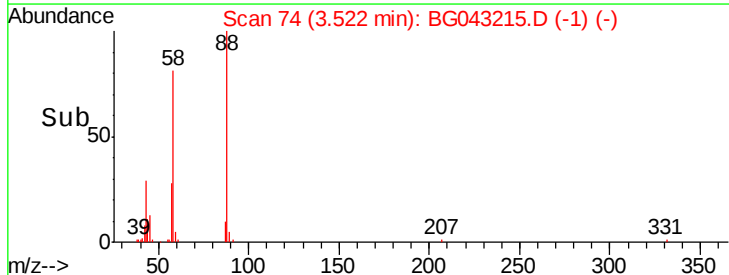
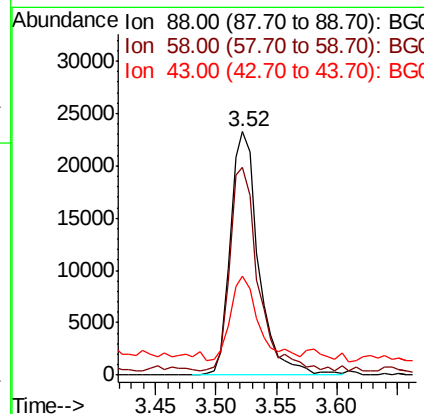
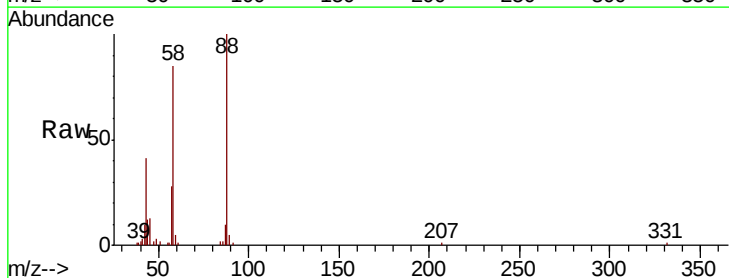
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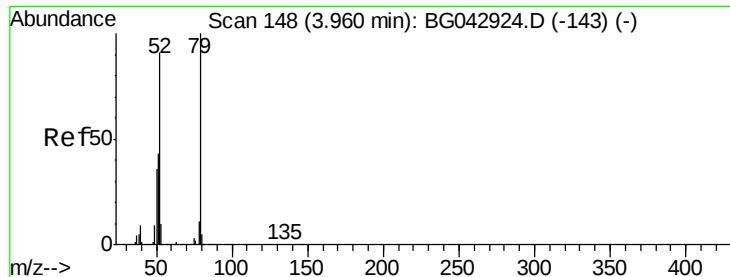


#2

1,4-Dioxane
Concen: 33.751 ng
RT: 3.52 min Scan# 74
Delta R.T. -0.01 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.5	74.3	111.5
43	34.4	29.8	44.8





#3

Pvridine

Concen: 28.553 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Instrument :

BNA_G

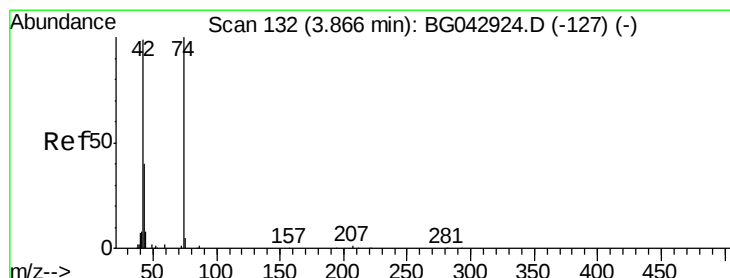
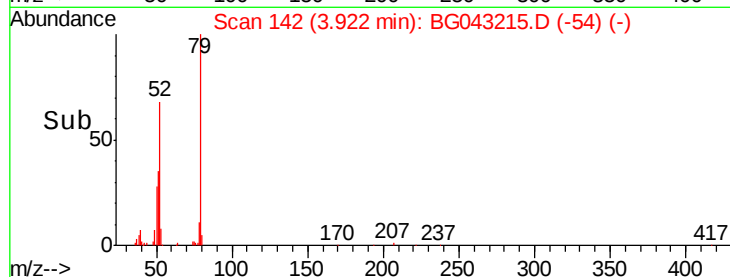
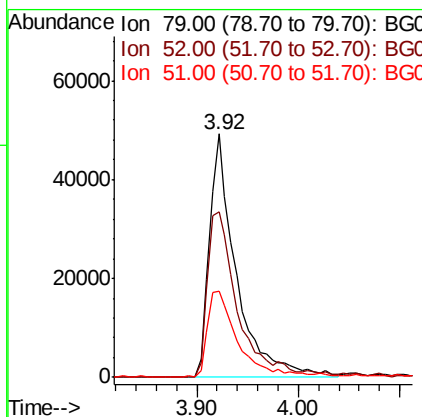
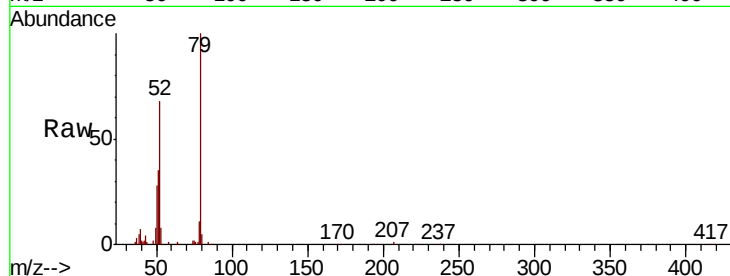
ClientSampleId :

PB123928BS

Tot Ion:	79	Resp:	90285
Ion Ratio	Lower	Upper	
79	100		
52	68.0	73.0	109.4#
51	35.5	35.1	52.7

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#4

n-Nitrosodimethylamine

Concen: 34.265 ng

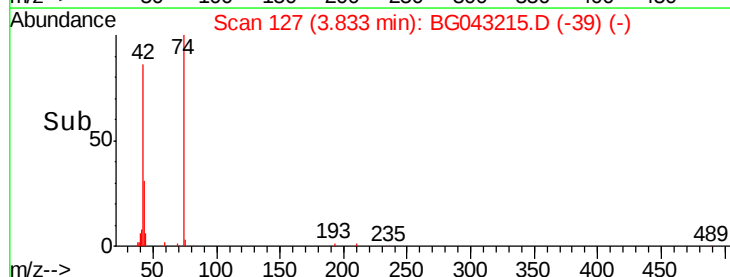
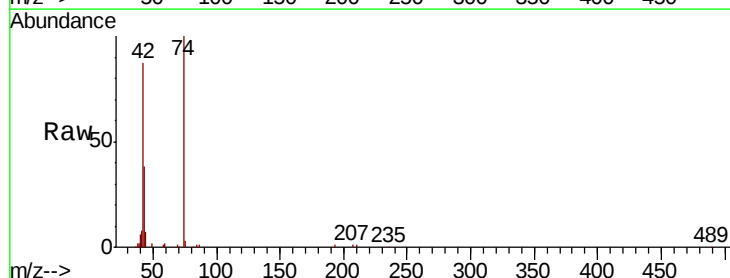
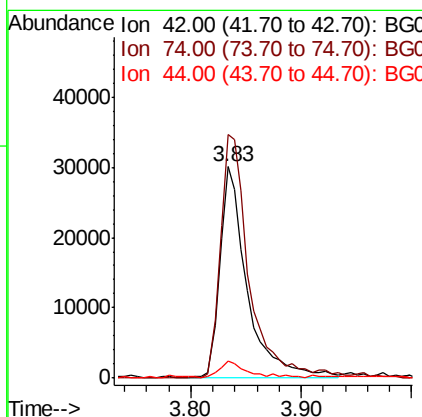
RT: 3.83 min Scan# 127

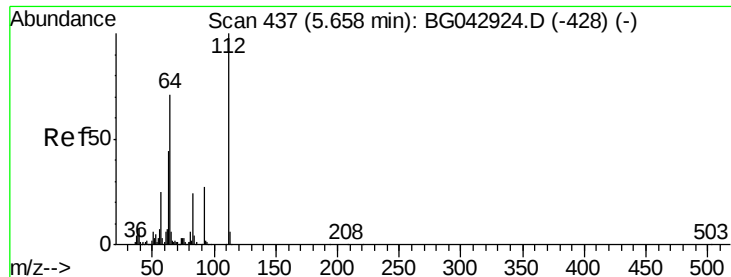
Delta R.T. -0.01 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Tgt Ion:	42	Resp:	52102
Ion Ratio	Lower	Upper	
42	100		
74	115.2	80.5	120.7
44	8.0	6.9	10.3





#5

2-Fluorophenol

Concen: 117.545 ng

RT: 5.64 min Scan# 434

Delta R.T. -0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Instrument :

BNA_G

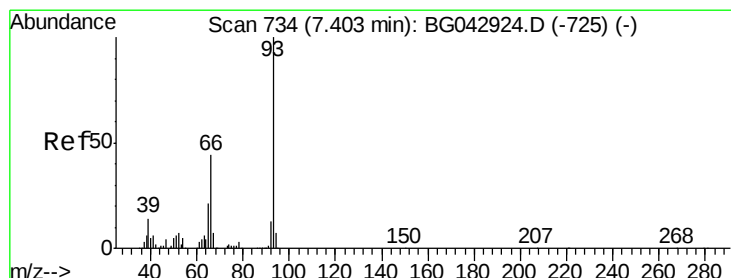
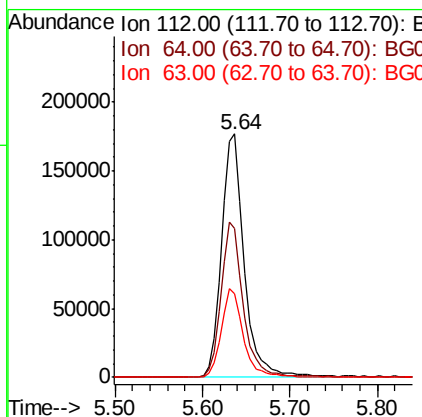
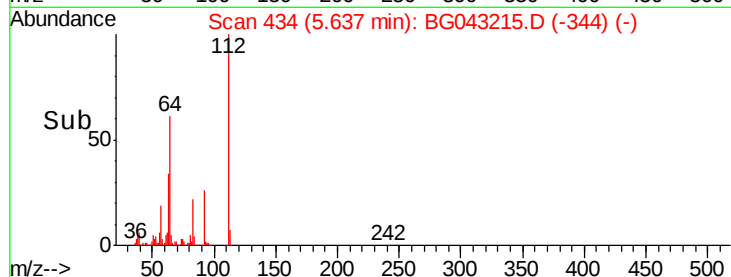
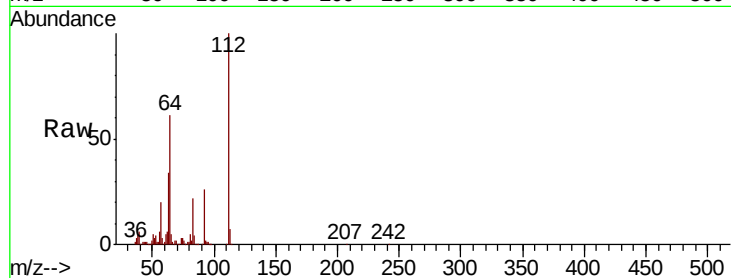
ClientSampleId :

PB123928BS

Tot Ion:	112	Resp:	316952
Ion Ratio	Lower	Upper	
112	100		
64	61.3	56.6	84.8
63	34.4	35.1	52.7#

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#6

Aniline

Concen: 31.339 ng

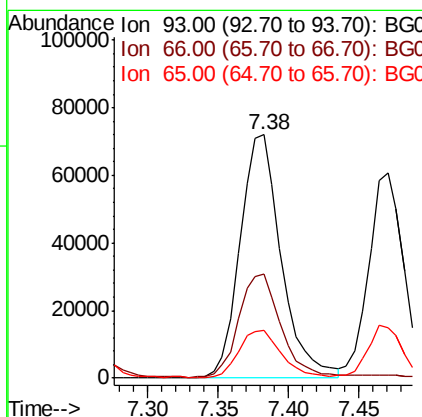
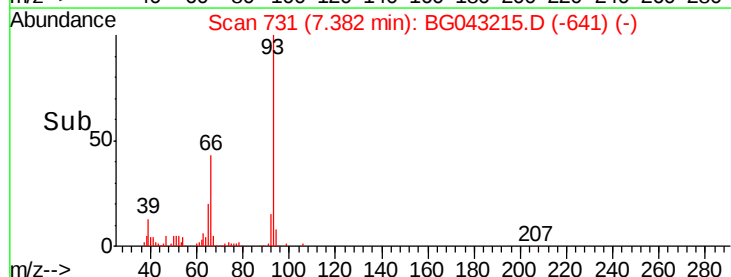
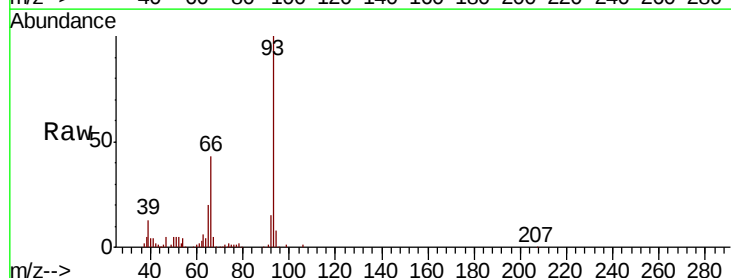
RT: 7.38 min Scan# 731

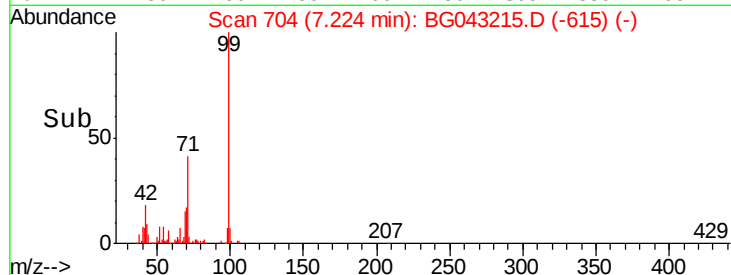
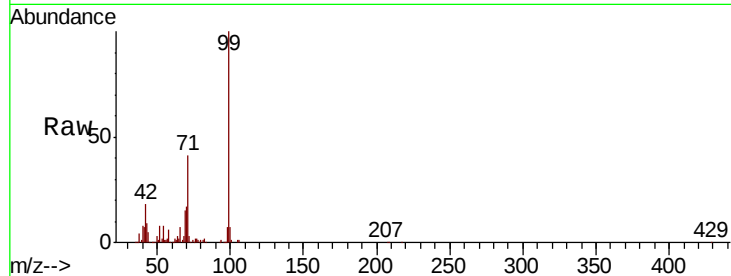
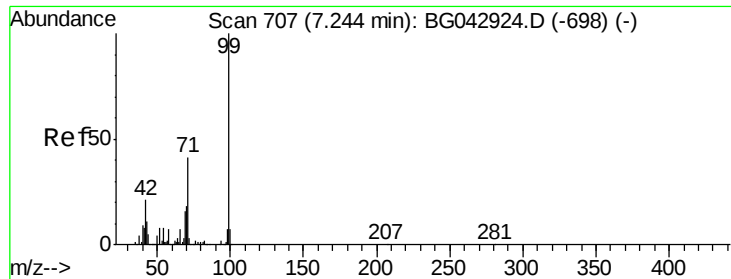
Delta R.T. -0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Tgt Ion:	93	Resp:	146894
Ion Ratio	Lower	Upper	
93	100		
66	42.6	35.0	52.6
65	19.7	17.4	26.0





#7

Phenol-d6

Concen: 110.735 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		429987		
42	18.1	17.2	25.8		
71	41.3	33.1	49.7		

Instrument :

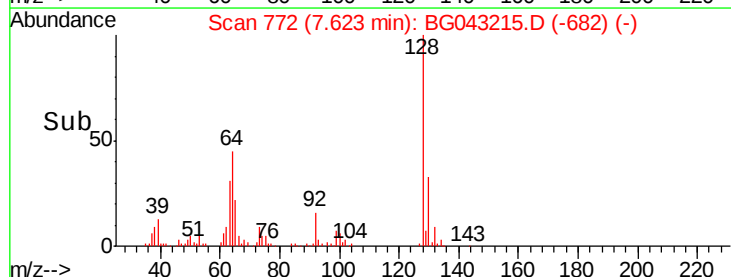
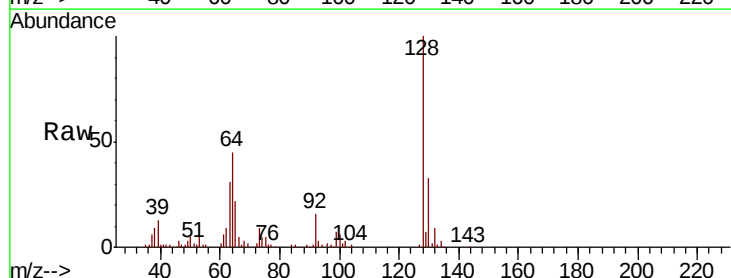
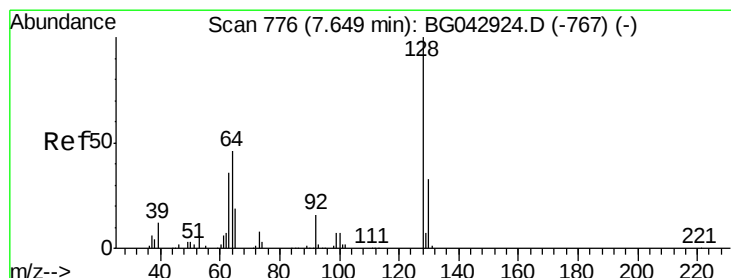
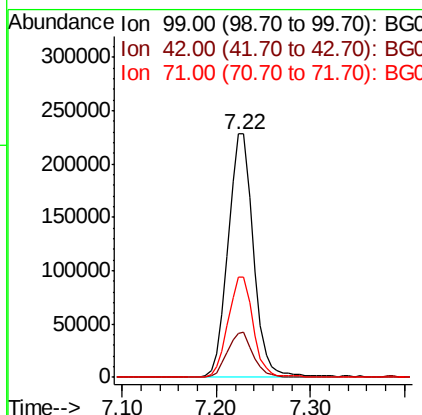
BNA_G

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#8

2-Chlorophenol

Concen: 45.331 ng

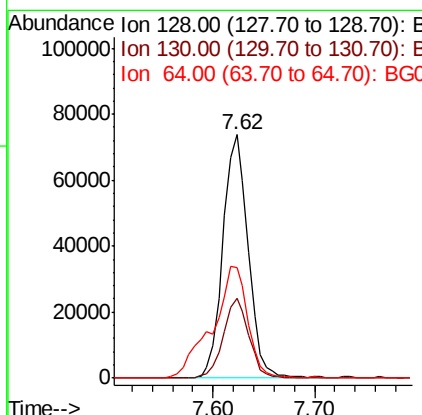
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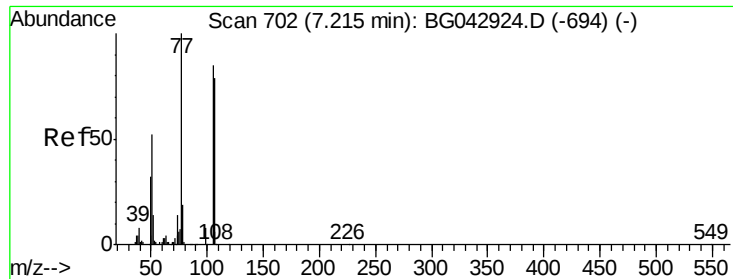
Delta R.T. -0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		127472		
130	32.9	12.5	52.5		
64	45.5	32.8	72.8		





#9

Benzaldehyde

Concen: 33.007 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Instrument :

BNA_G

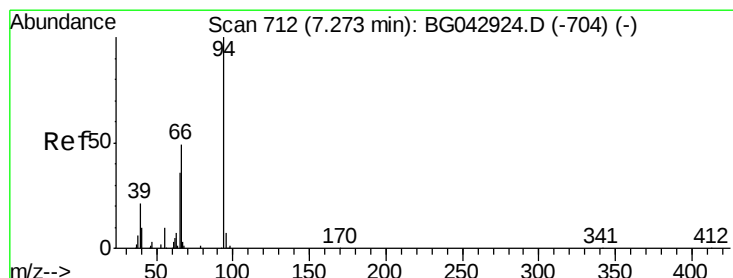
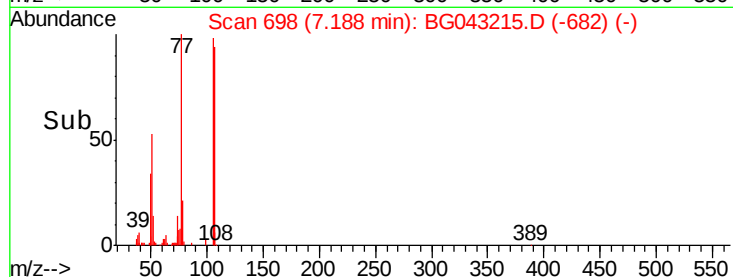
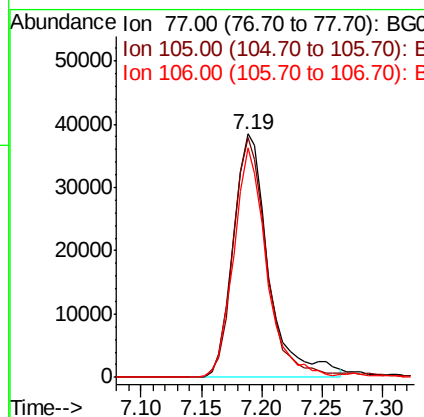
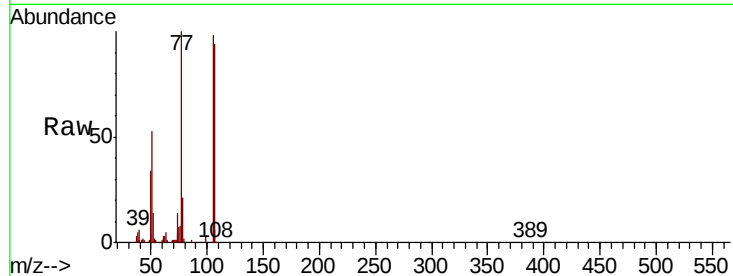
ClientSampleID :

PB123928BS

Tot Ion	Ion	Ratio	Lower	Upper
77	77	100		
105	105	98.3	64.6	104.6
106	106	94.3	59.4	99.4

Manual Integrations
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#10

Phenol

Concen: 43.309 ng

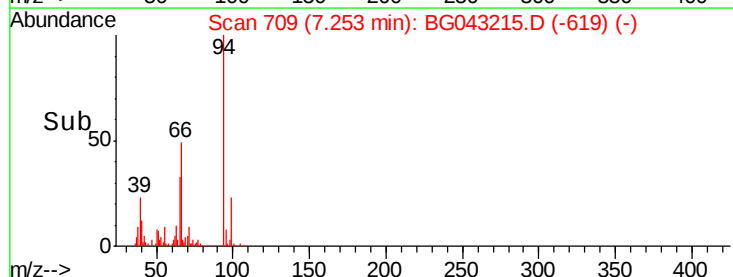
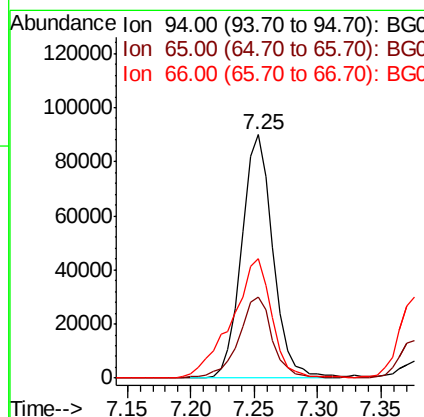
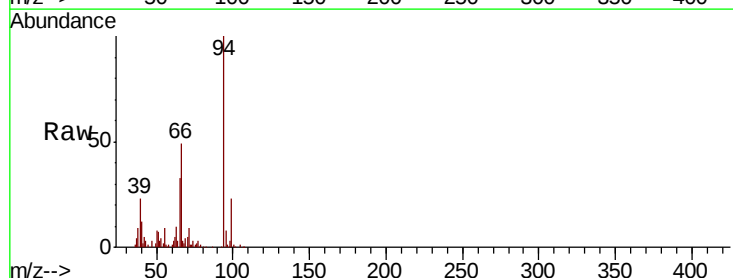
RT: 7.25 min Scan# 709

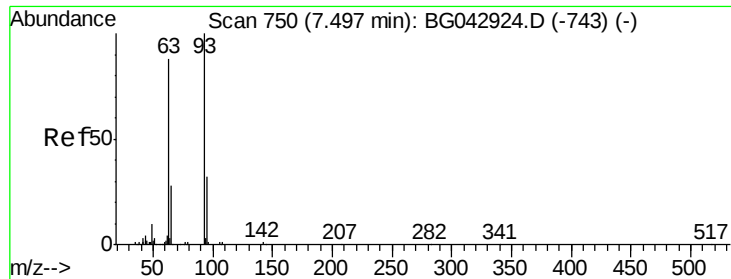
Delta R.T. -0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Tgt Ion	Ion	Ratio	Lower	Upper
94	94	100		
65	65	33.4	16.6	56.6
66	66	49.3	32.4	72.4





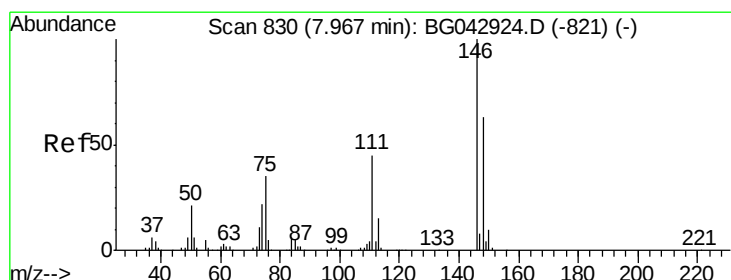
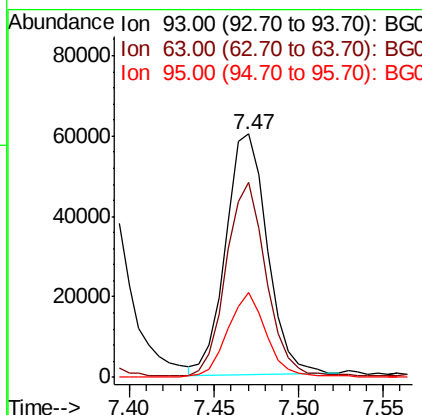
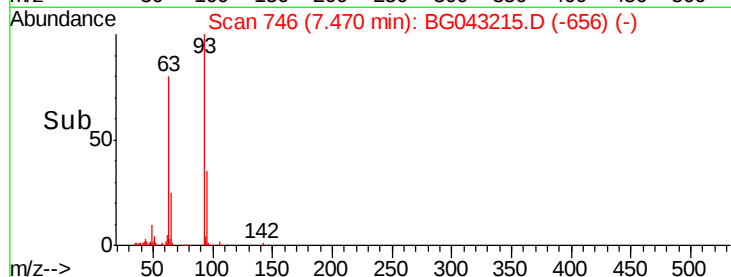
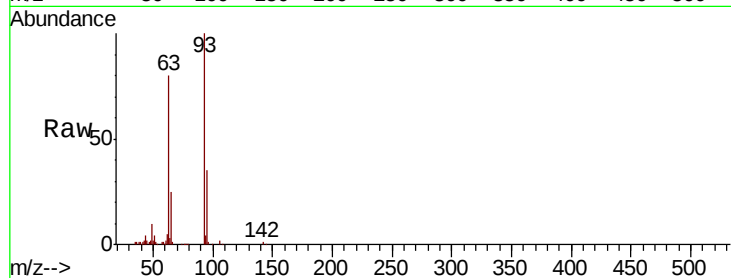
#11
bis(2-Chloroethyl)ether
Concen: 37.071 ng
RT: 7.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampleId :
PB123928BS

Tot Ion:	93	Resp:	102185
Ion Ratio	Lower	Upper	
93	100		
63	80.2	67.4	107.4
95	35.0	11.9	51.9

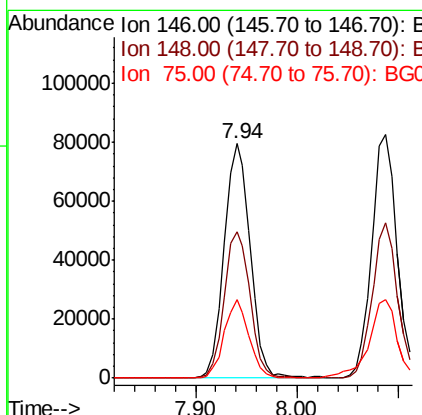
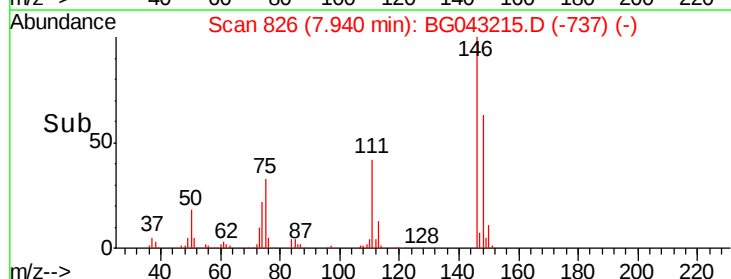
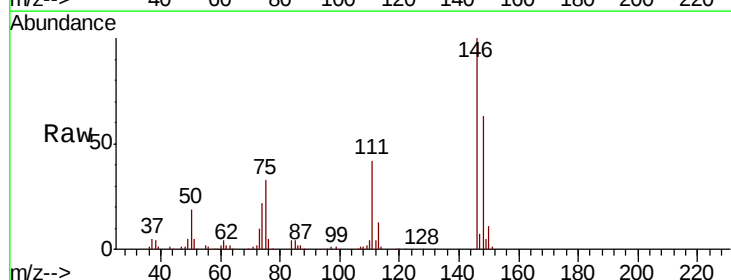
Manual Integrations
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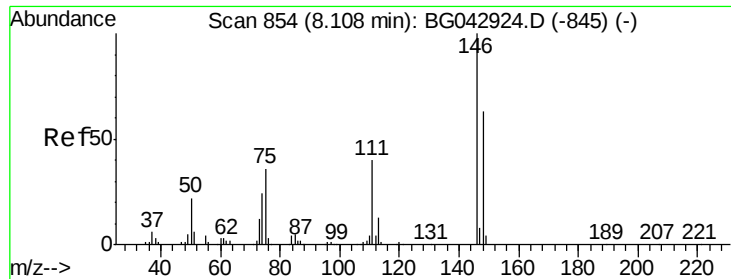
mohammad
10/17/2019 7:57:19 AM



#12
1,3-Dichlorobenzene
Concen: 39.364 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion:	146	Resp:	141208
Ion Ratio	Lower	Upper	
146	100		
148	62.5	50.7	76.1
75	33.2	27.7	41.5





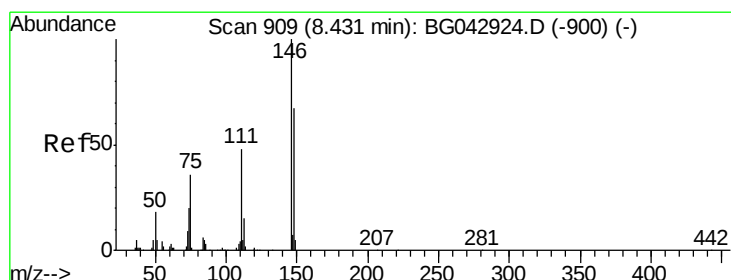
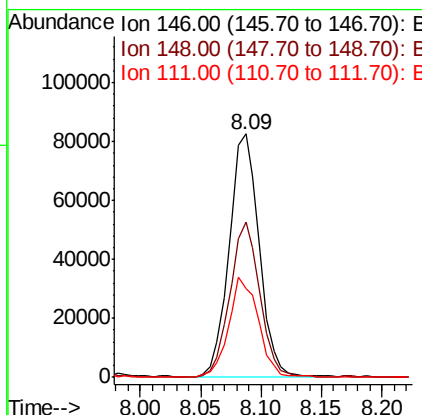
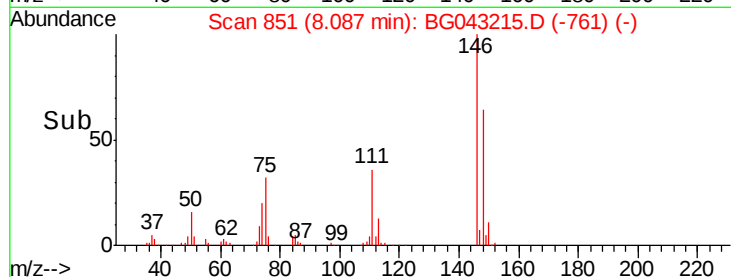
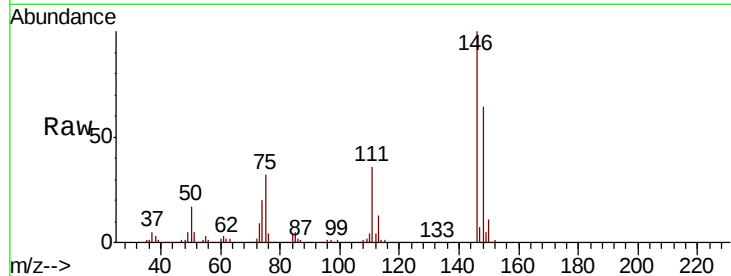
#13
1,4-Dichlorobenzene
Concen: 39.902 ng
RT: 8.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampled :
PB123928BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.9	76.3
111	36.4	31.8	47.8

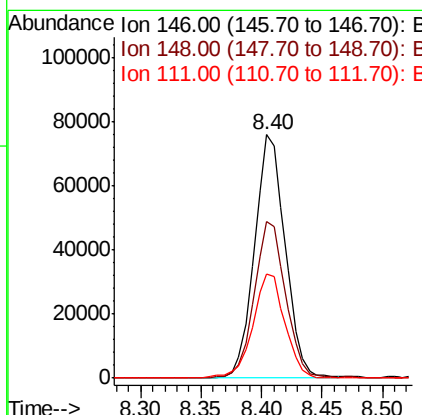
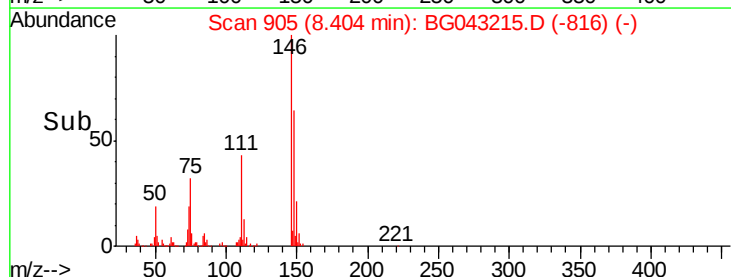
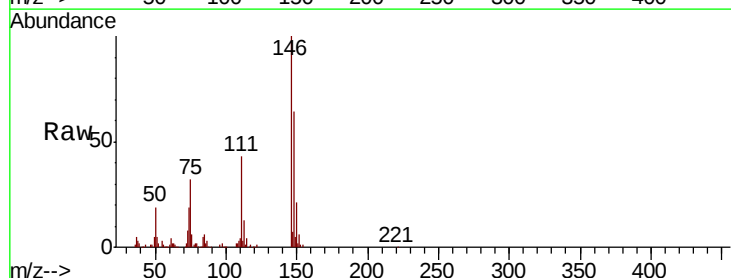
Manual Integrations
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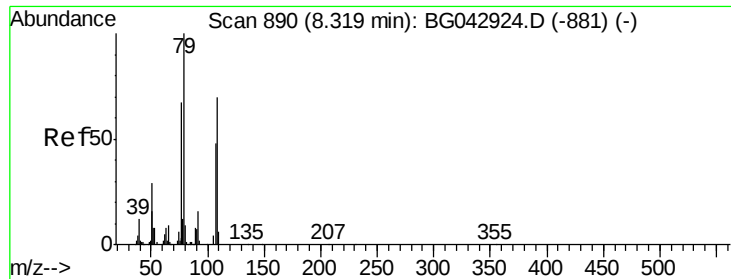
mohammad
10/17/2019 7:57:19 AM



#14
1,2-Dichlorobenzene
Concen: 39.314 ng
RT: 8.40 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	53.4	80.2
111	42.7	38.5	57.7





#15

Benzyl Alcohol

Concen: 39.155 ng

RT: 8.29 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Instrument :

BNA_G

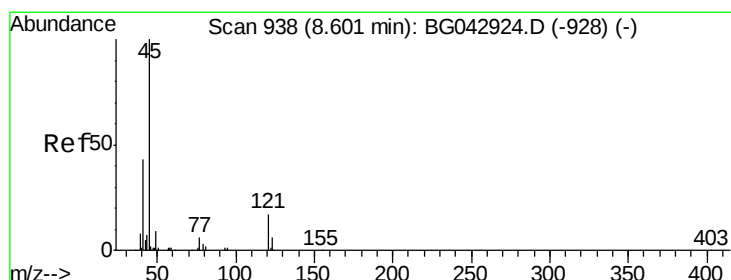
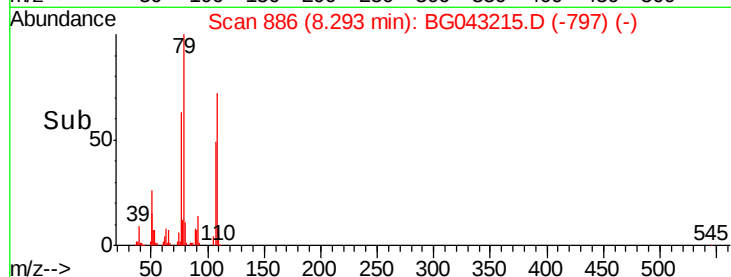
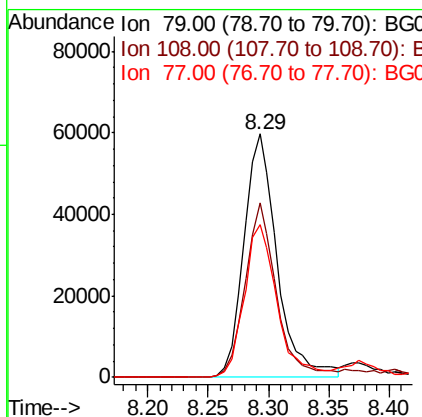
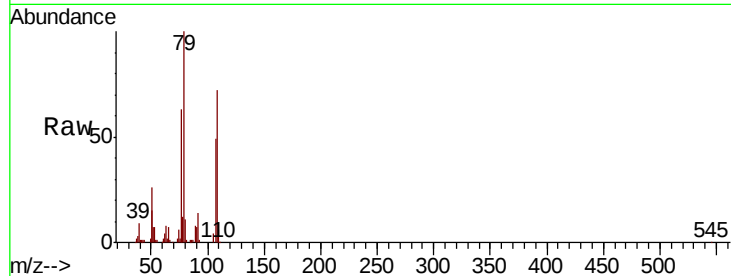
ClientSampleId :

PB123928BS

Tot Ion:	79	Resp:	114307
Ion Ratio	Lower	Upper	
79	100		
108	71.8	55.7	83.5
77	62.9	53.3	79.9

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.138 ng

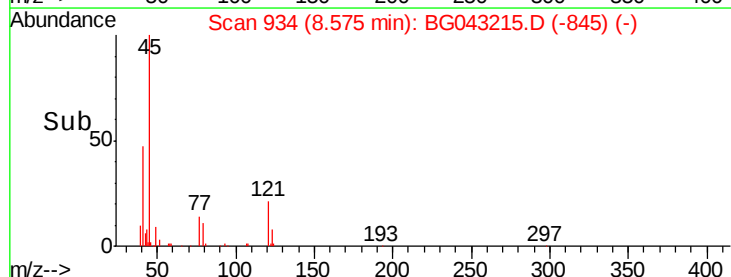
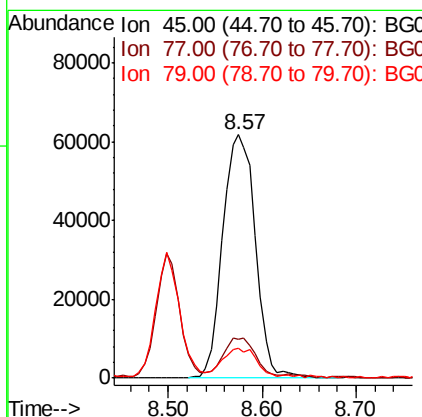
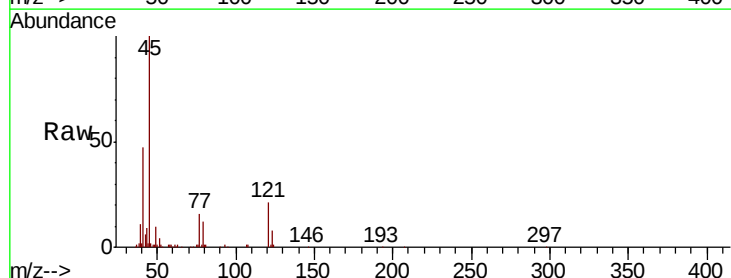
RT: 8.57 min Scan# 934

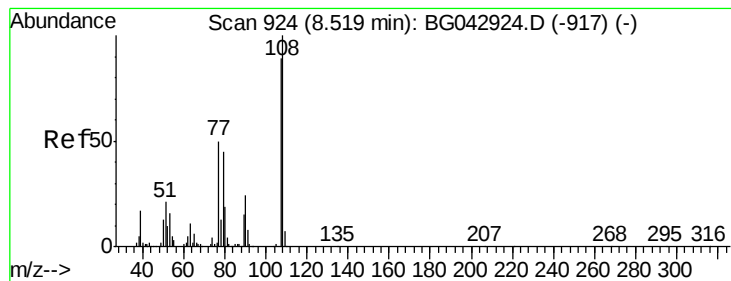
Delta R.T. -0.01 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Tgt Ion:	45	Resp:	148954
Ion Ratio	Lower	Upper	
45	100		
77	15.8	0.0	32.8
79	12.3	0.0	29.4





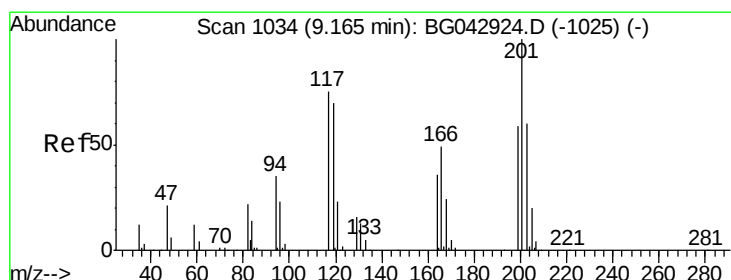
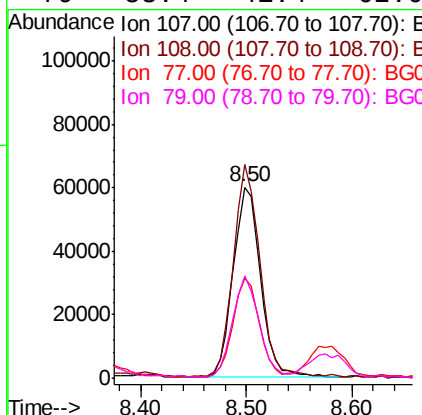
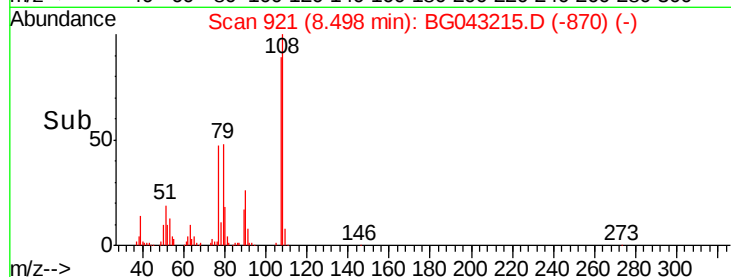
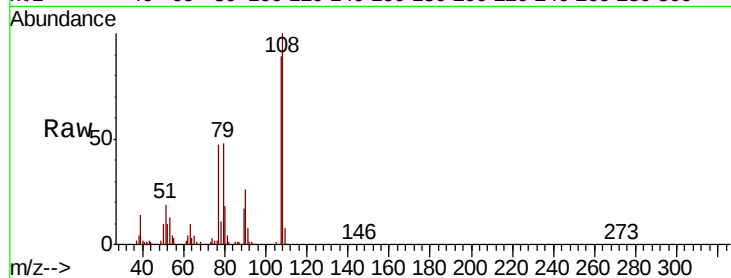
#17
2-Methylphenol
Concen: 43.099 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampleId :
PB123928BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.9	89.9	134.9	
77	52.4	45.4	68.2	
79	53.4	41.4	62.0	

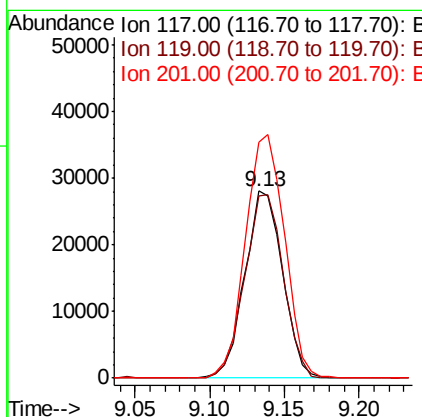
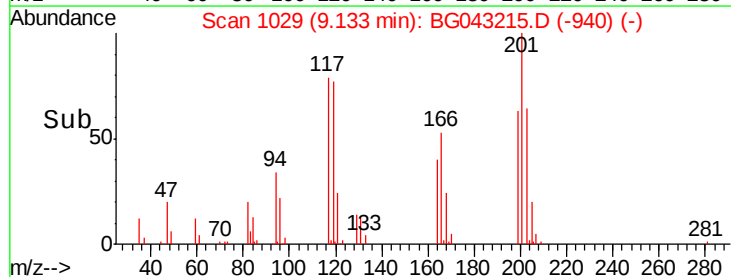
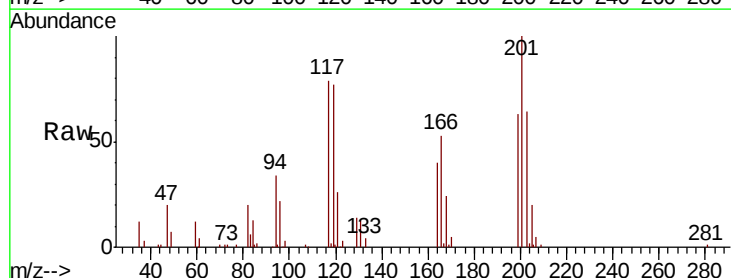
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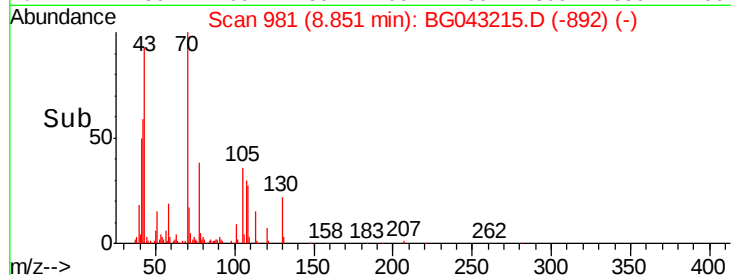
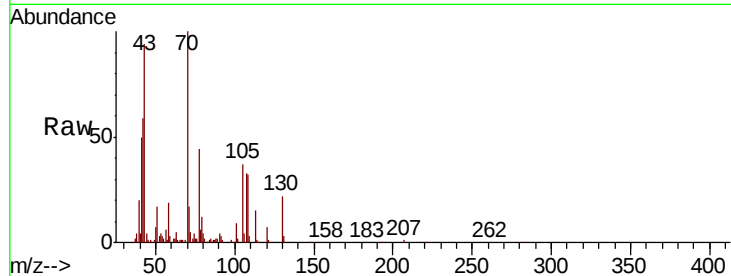
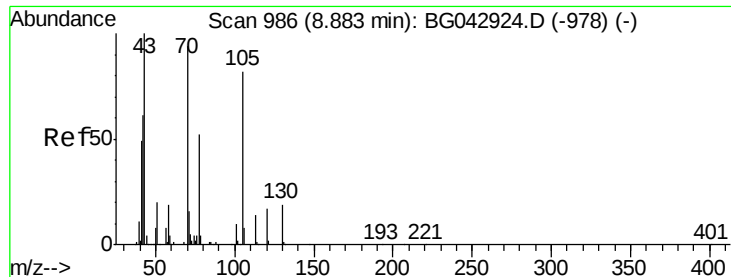
mohammad
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#18
Hexachloroethane
Concen: 36.441 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.1	74.6	111.8	
201	126.0	106.0	159.0	





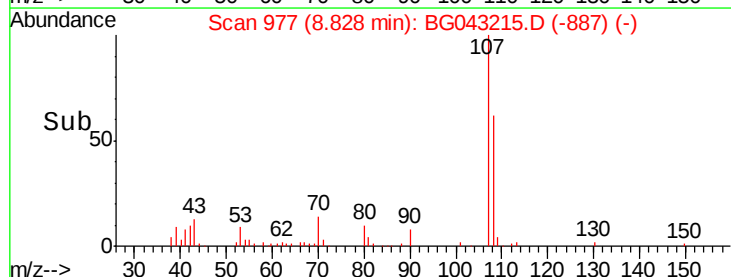
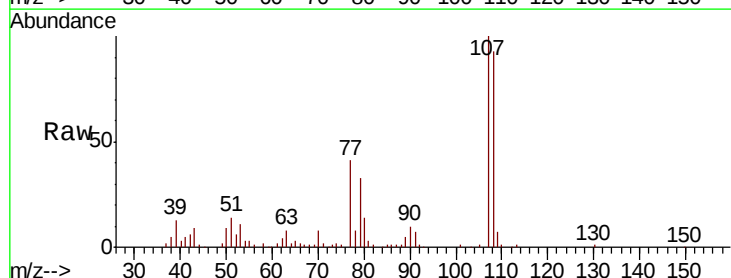
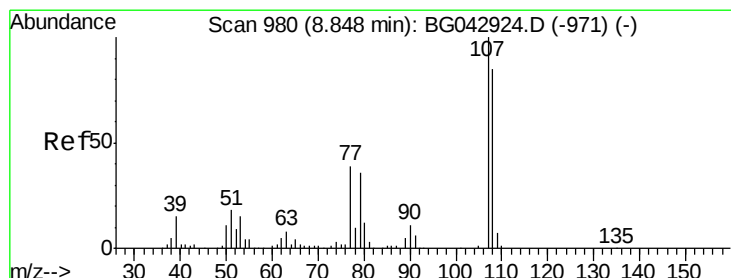
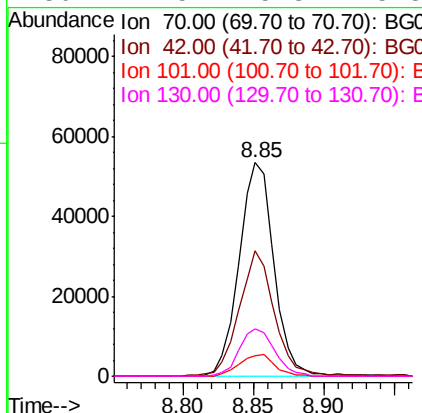
#19
n-Nitroso-di-n-propylamine
Concen: 35.962 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampleId :
PB123928BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.9	52.6	79.0	
101	9.4	8.7	13.1	
130	22.5	15.8	23.8	

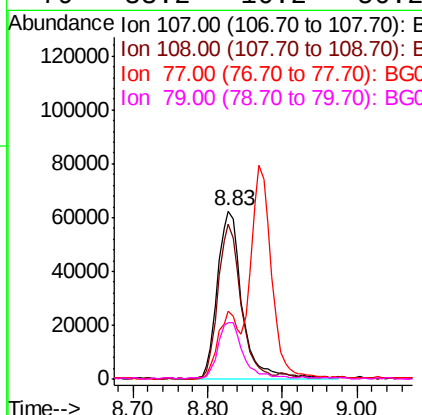
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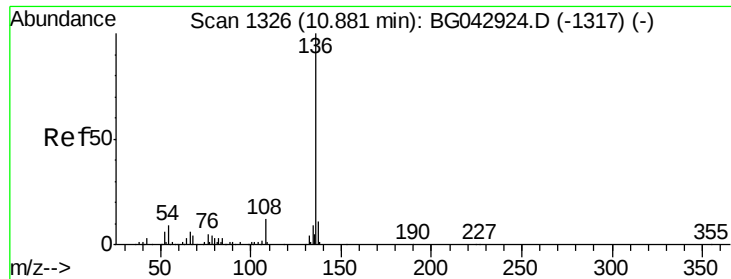
mohammad
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#20
3+4-Methylphenols
Concen: 42.235 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.6	64.9	104.9	
77	40.8	19.4	59.4	
79	33.2	16.2	56.2	





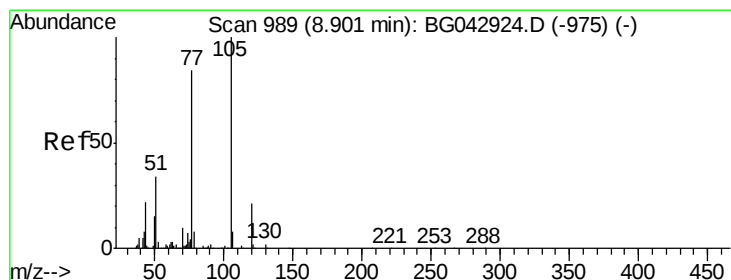
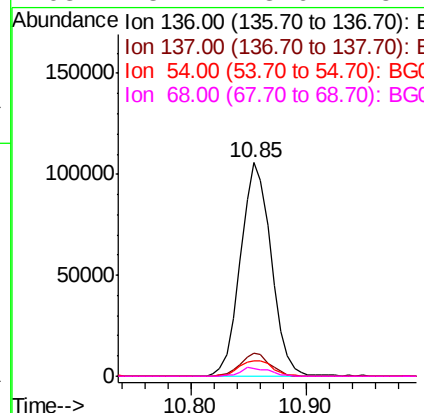
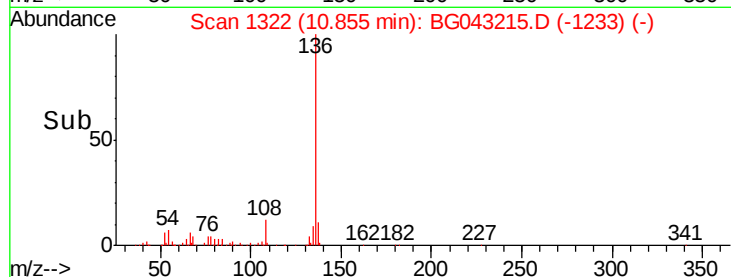
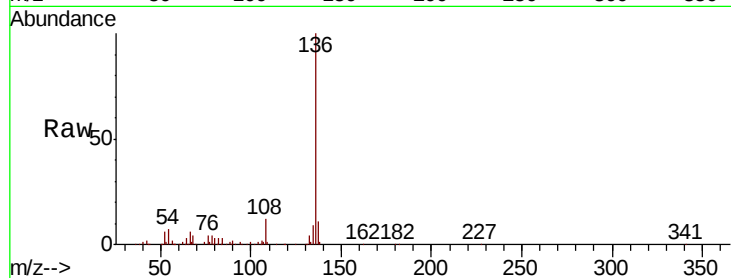
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampleId :
PB123928BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	194950		
137	10.7		8.5	12.7
54	7.2		7.4	11.2
68	3.7		3.6	5.4

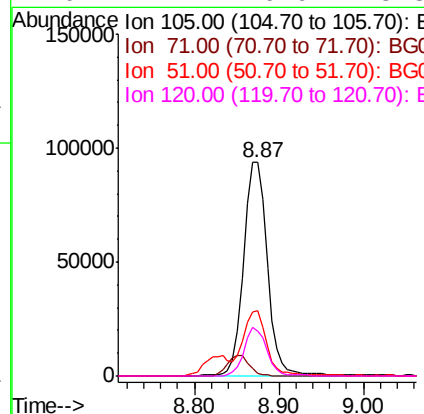
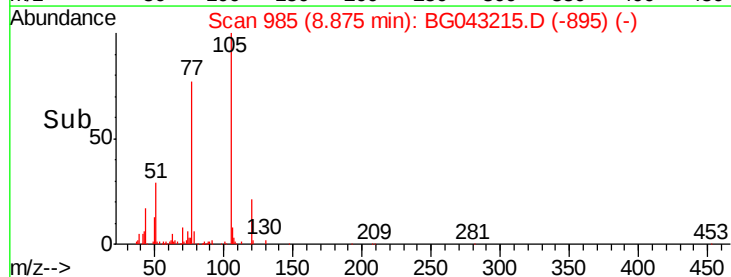
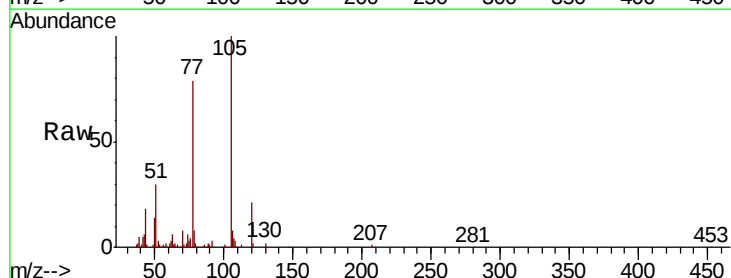
Manual Integrations
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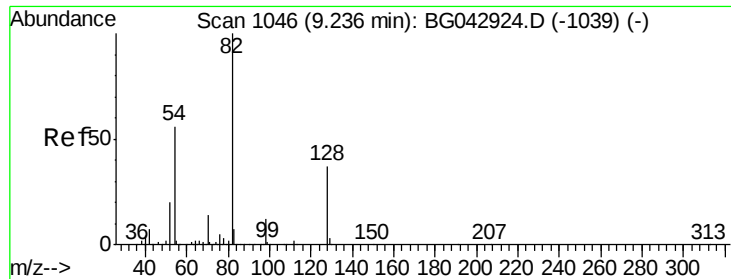
mohammad
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#22
Acetophenone
Concen: 36.400 ng
RT: 8.87 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	182919		
71	1.4		1.2	1.8
51	30.5		27.2	40.8
120	21.2		16.9	25.3





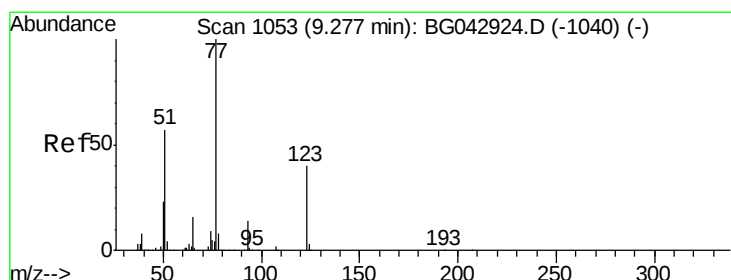
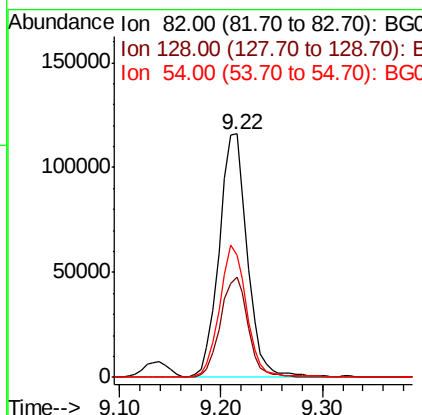
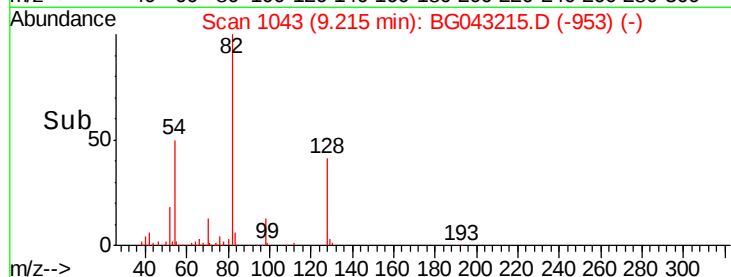
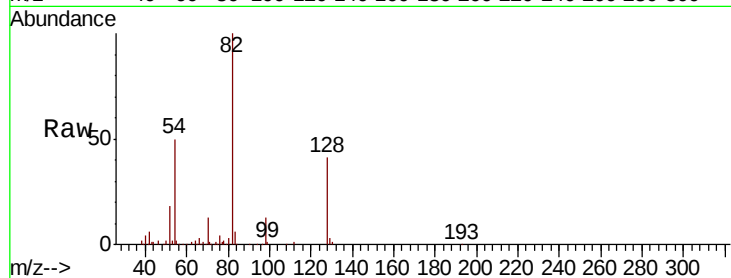
#23
Nitrobenzene-d5
Concen: 55.431 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampleId :
PB123928BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	29.5	44.3
54	50.1	44.6	67.0

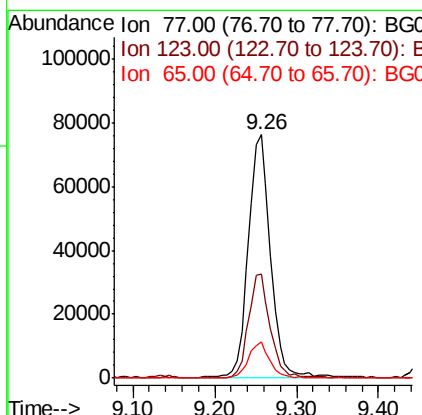
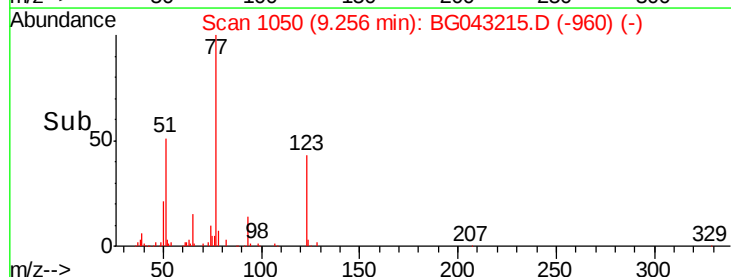
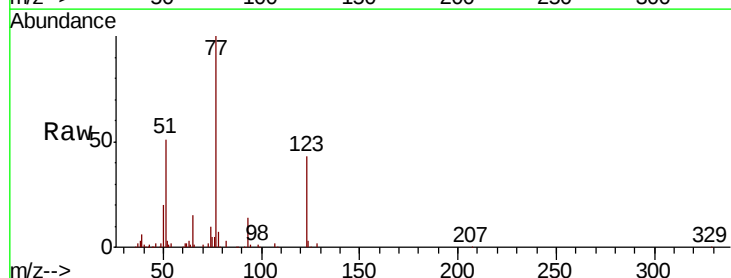
Manual Integrations
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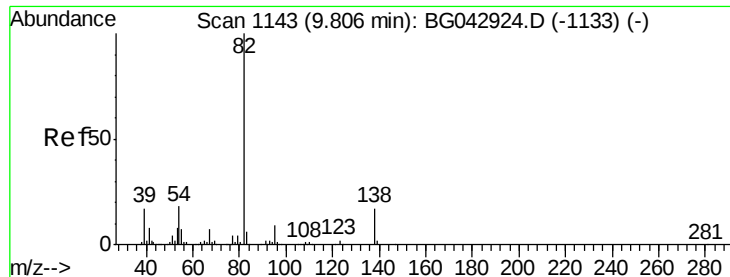
mohammad
10/17/2019 7:57:19 AM



#24
Nitrobenzene
Concen: 37.443 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.6	31.9	47.9
65	15.1	12.4	18.6





#25

Isophorone

Concen: 37.628 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Instrument :

BNA_G

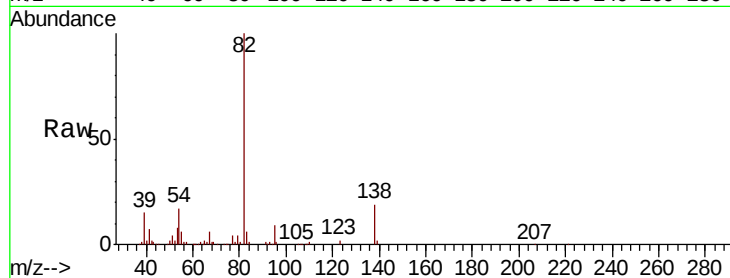
ClientSampleId :

PB123928BS

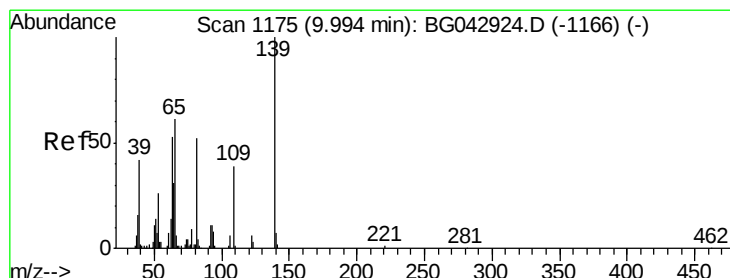
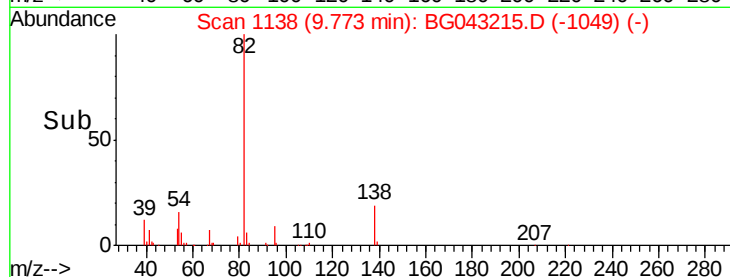
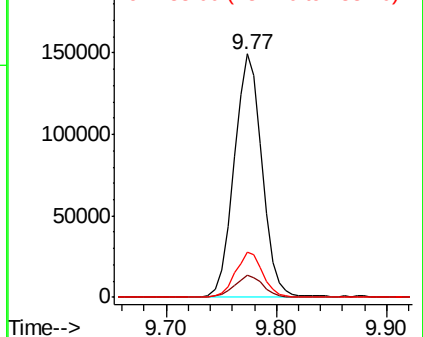
Tot Ion:	82	Resp:	265097
Ion Ratio		Lower	Upper
82	100		
95	8.9	7.0	10.4
138	18.5	13.8	20.6

Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 43.279 ng

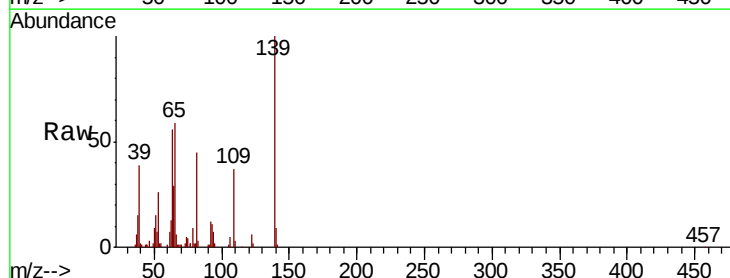
RT: 9.97 min Scan# 1171

Delta R.T. -0.00 min

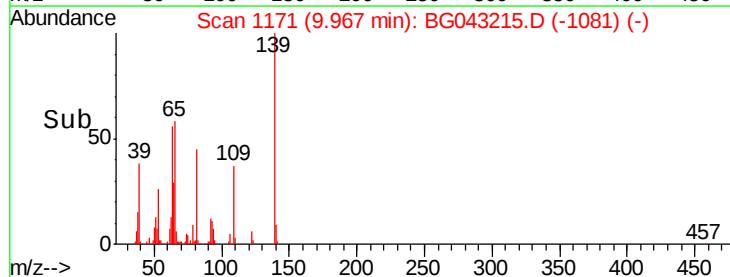
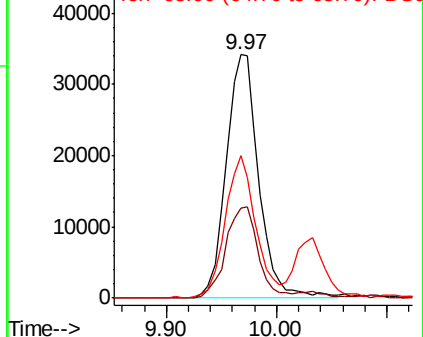
Lab File: BG043215.D

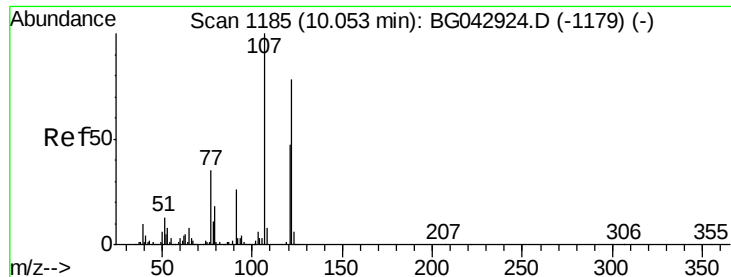
Acq: 15 Oct 2019 12:47

Tgt Ion:	139	Resp:	70485
Ion Ratio		Lower	Upper
139	100		
109	36.8	31.0	46.6
65	58.7	48.4	72.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





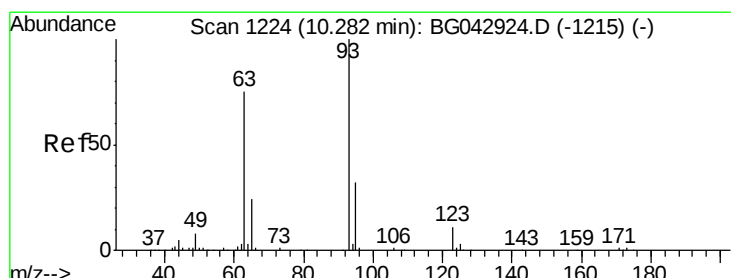
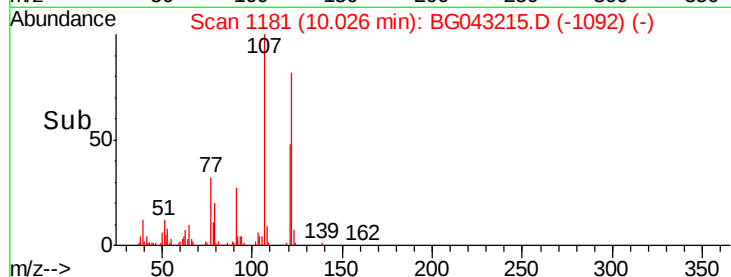
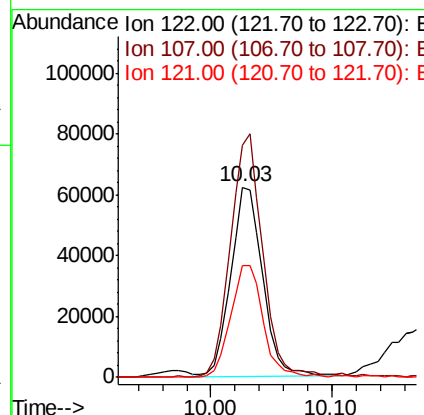
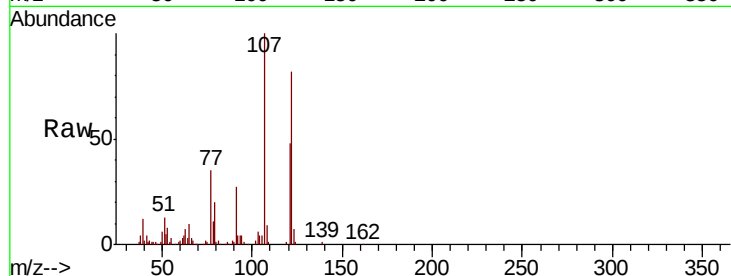
#27
2,4-Dimethylphenol
Concen: 45.592 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampleId :
PB123928BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.7	102.2	153.2
121	58.8	48.5	72.7

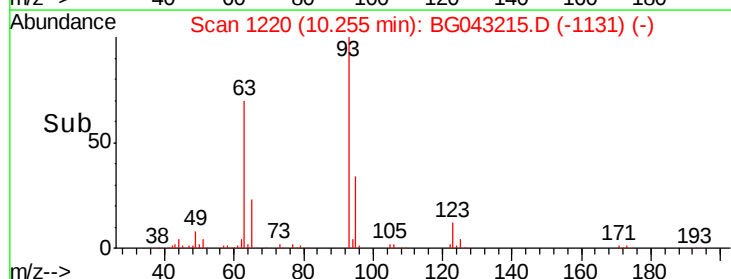
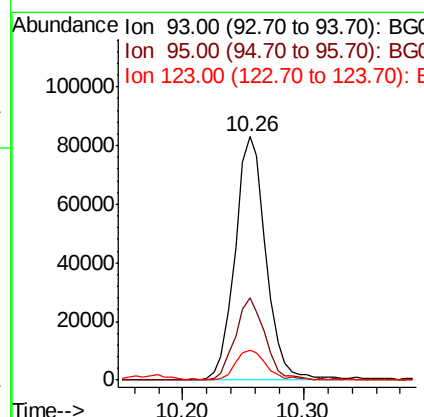
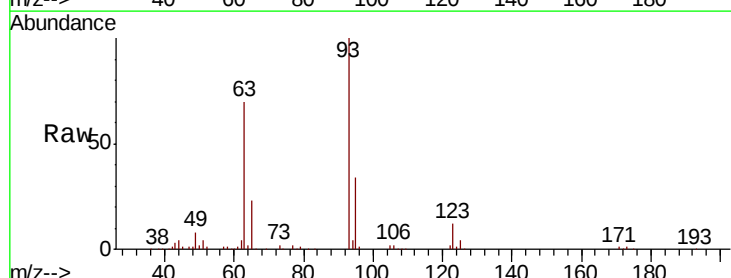
Manual Integrations
APPROVED

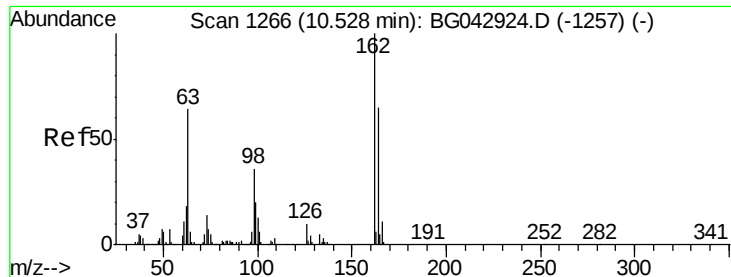
mohammad
10/17/2019 7:57:19 AM



#28
bis(2-Chloroethoxy)methane
Concen: 36.980 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	25.4	38.0
123	12.1	9.3	13.9





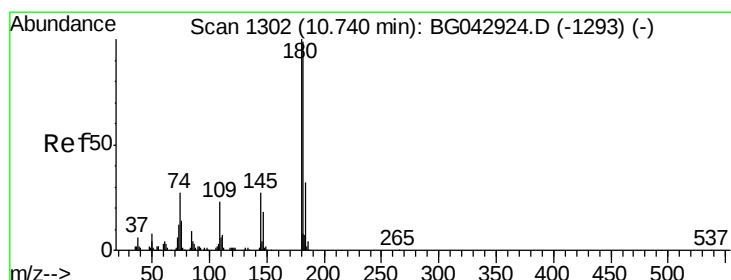
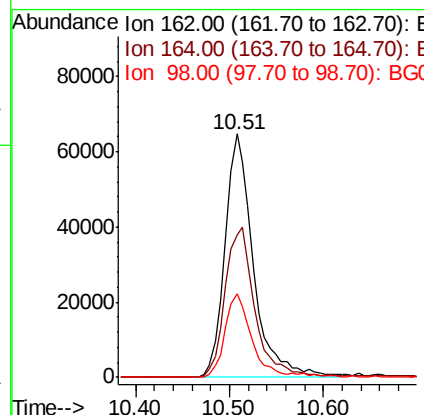
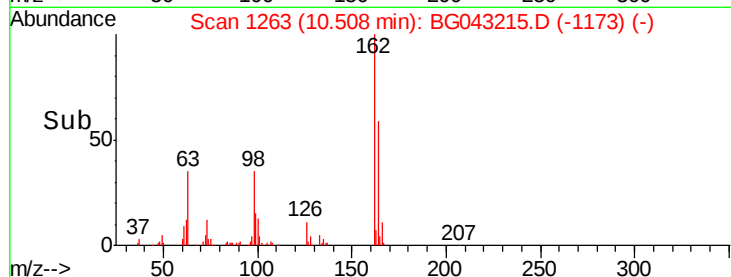
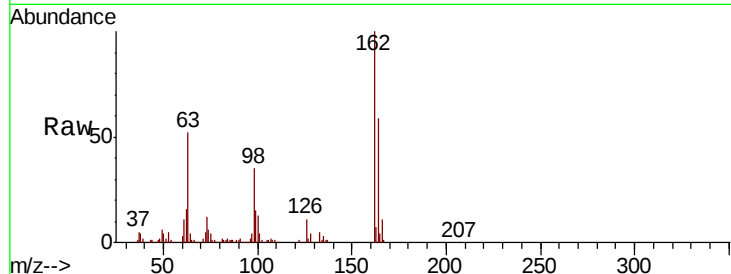
#29
 2,4-Dichlorophenol
 Concen: 43.832 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

Instrument :
 BNA_G
 ClientSampleId :
 PB123928BS

Tot Ion	162	Resp	136344
Ion Ratio	Lower	Upper	
162	100		
164	58.7	44.7	84.7
98	34.5	16.0	56.0

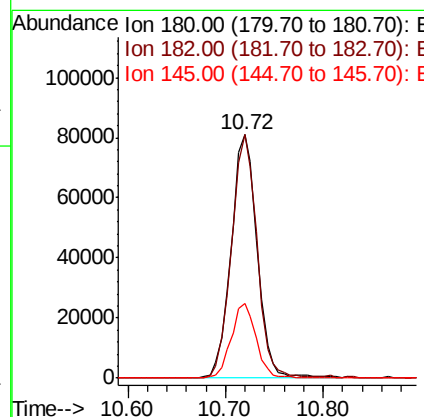
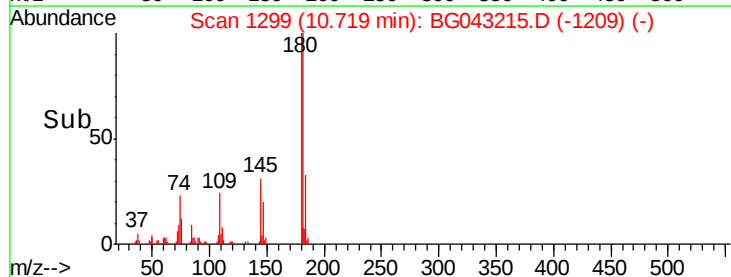
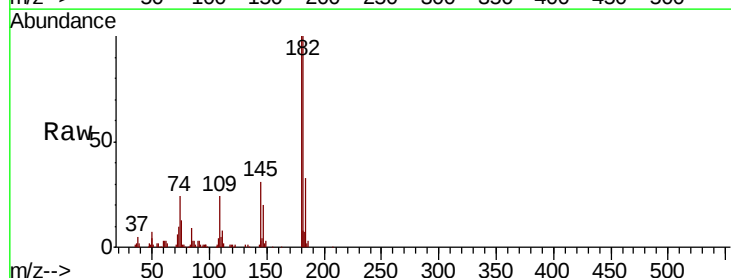
Manual Integrations
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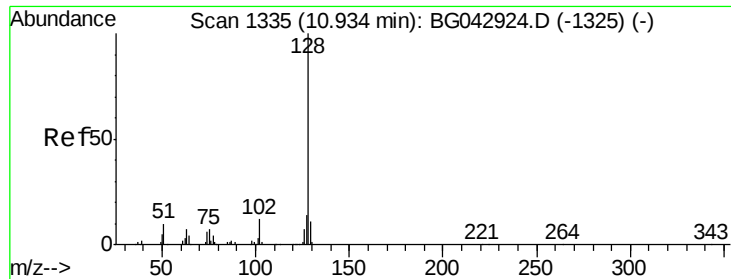
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.266 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

Tgt Ion	180	Resp	149696
Ion Ratio	Lower	Upper	
180	100		
182	100.2	79.3	118.9
145	30.6	22.0	33.0





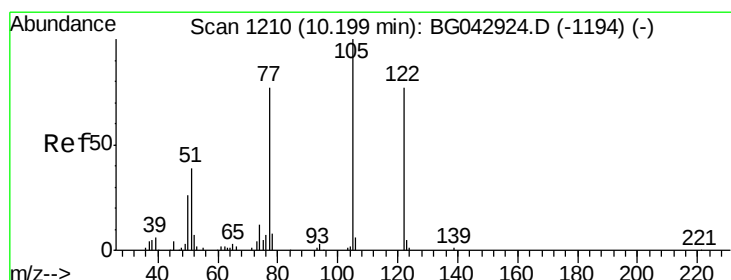
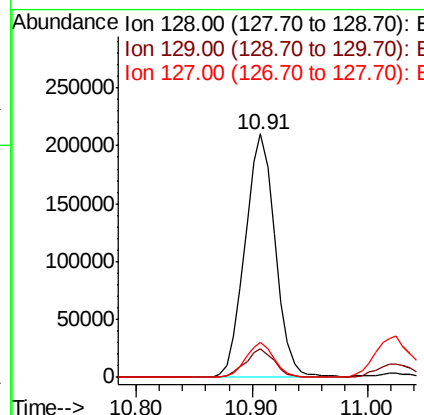
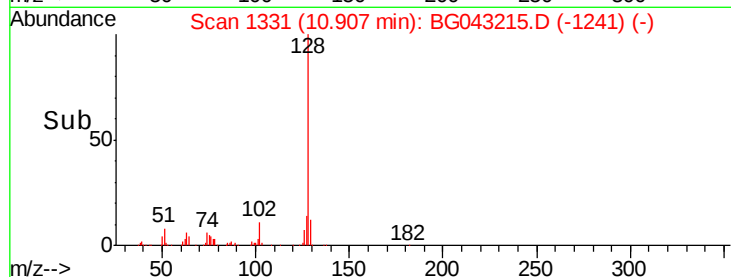
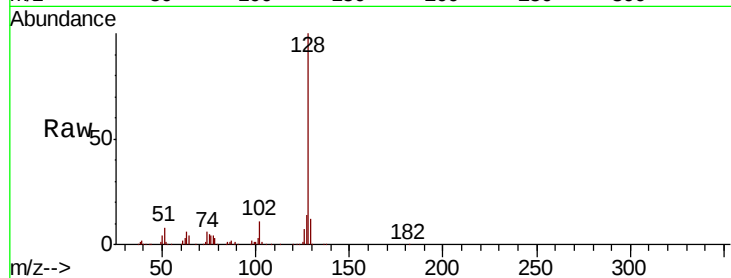
#31
Naphthalene
Concen: 39.820 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampleId :
PB123928BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.7	8.8	13.2	
127	14.4	11.3	16.9	

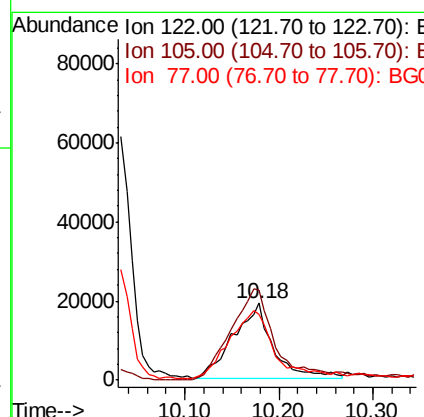
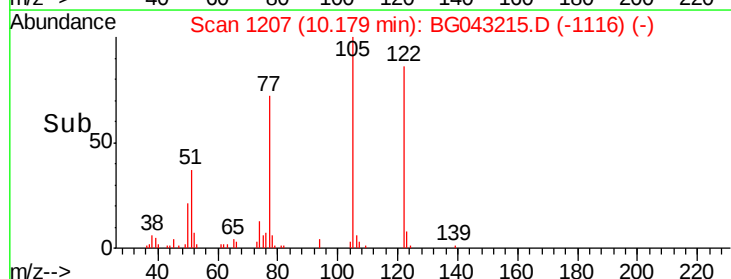
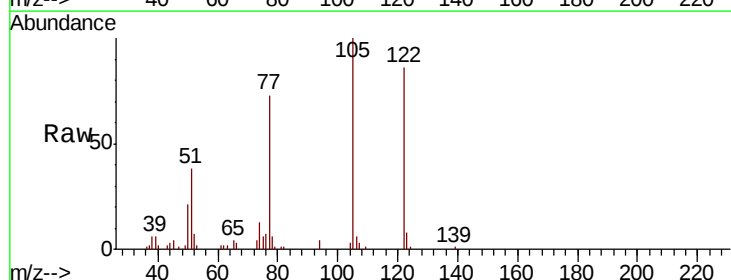
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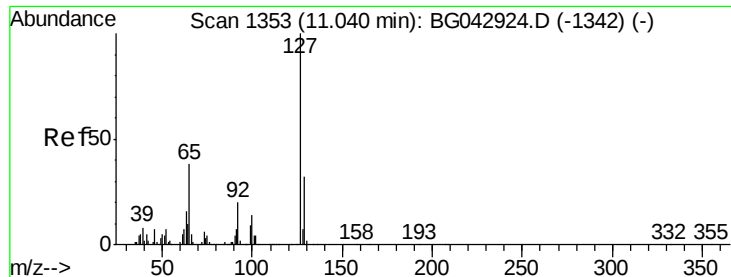
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#32
Benzoic acid
Concen: 30.979 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	116.7	107.5	147.5	
77	85.6	79.8	119.8	





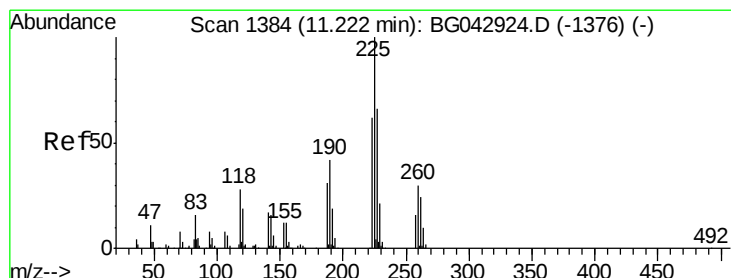
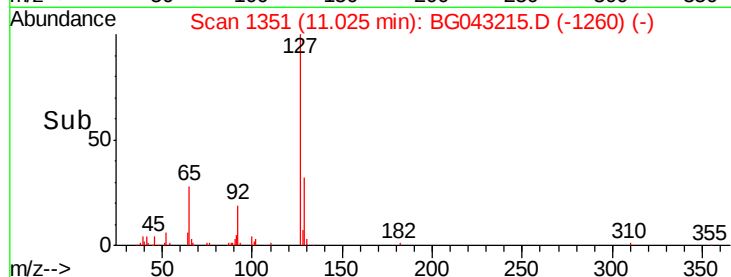
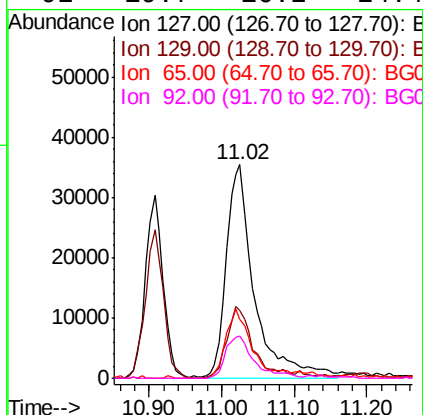
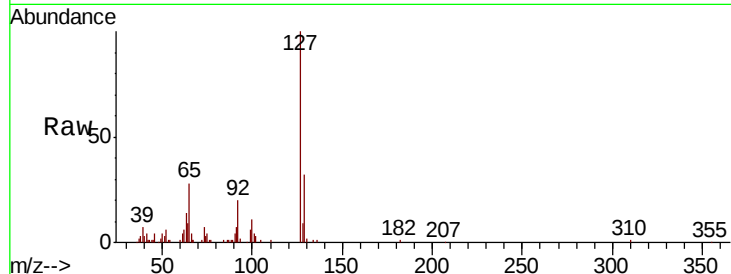
#33
4-Chloroaniline
Concen: 22.957 ng
RT: 11.02 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampleId :
PB123928BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.2
65	27.8	30.6	45.8
92	19.7	16.2	24.4

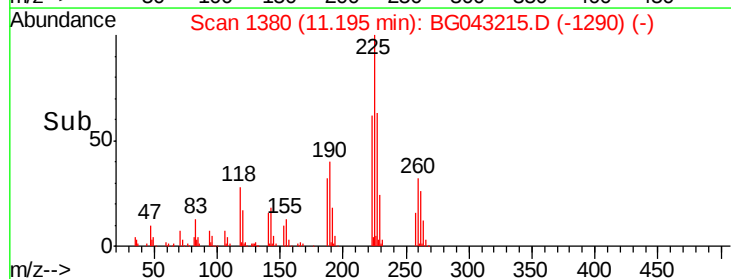
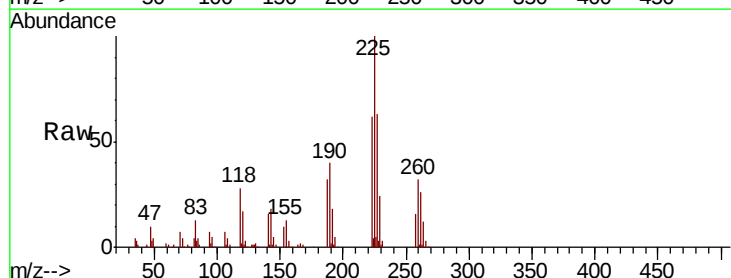
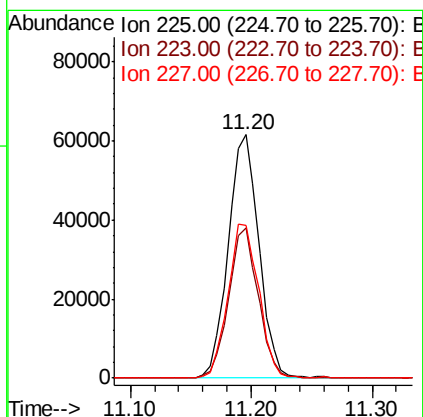
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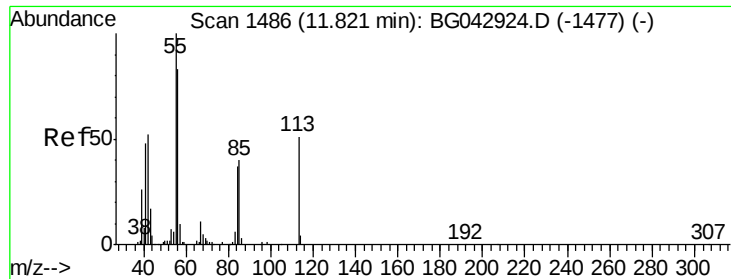
mohammad
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#34
Hexachlorobutadiene
Concen: 36.111 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.3	73.9
227	62.8	52.8	79.2





#35

Caprolactam

Concen: 37.561 ng/ml

RT: 11.78 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Instrument :

BNA_G

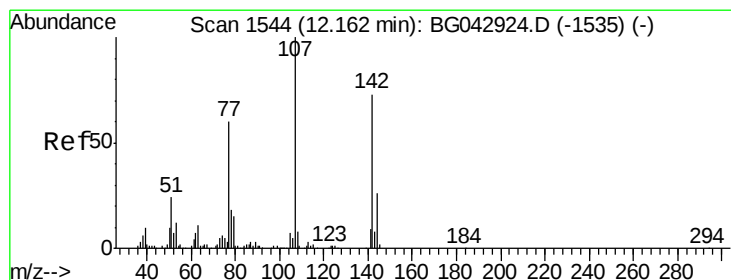
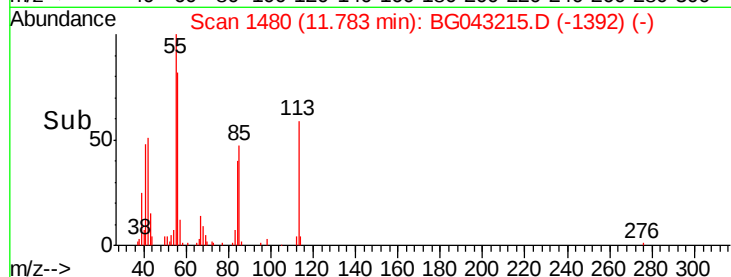
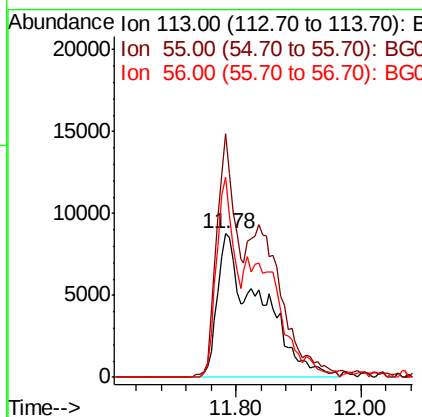
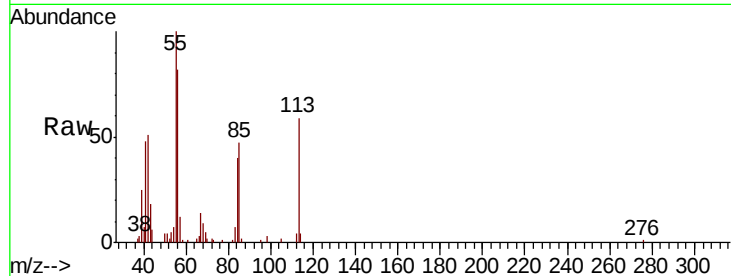
ClientSampleId :

PB123928BS

Tot Ion:	113	Resp:	41203
Ion Ratio	Lower	Upper	
113	100		
55	169.4	175.5	215.5#
56	139.0	142.3	182.3#

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#36

4-Chloro-3-methylphenol

Concen: 42.104 ng/ml

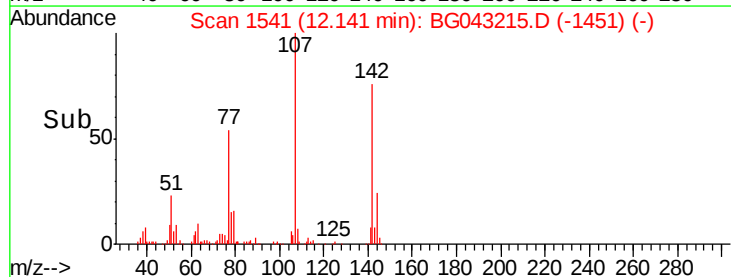
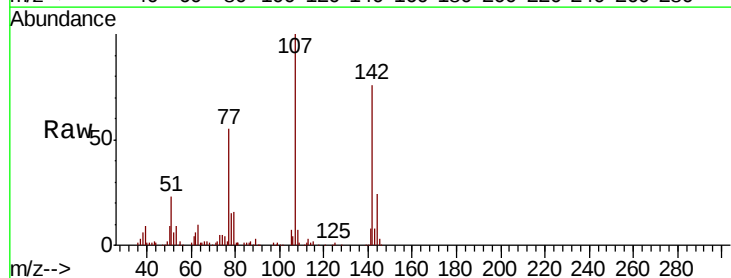
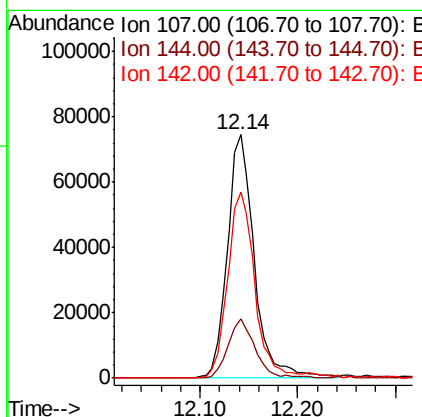
RT: 12.14 min Scan# 1541

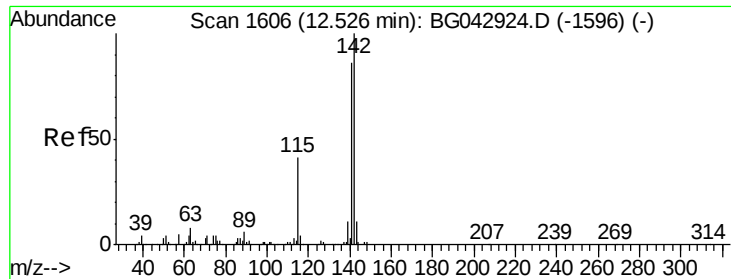
Delta R.T. -0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Tgt Ion:	107	Resp:	142403
Ion Ratio	Lower	Upper	
107	100		
144	24.5	20.7	31.1
142	76.2	58.6	87.8





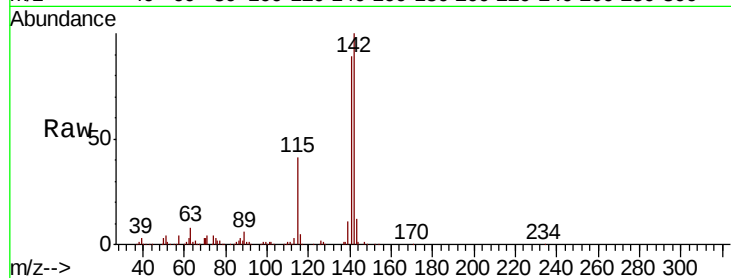
#37
2-Methylnaphthalene
Concen: 40.112 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampleId :
PB123928BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	69.0	103.4
115	40.5	32.8	49.2

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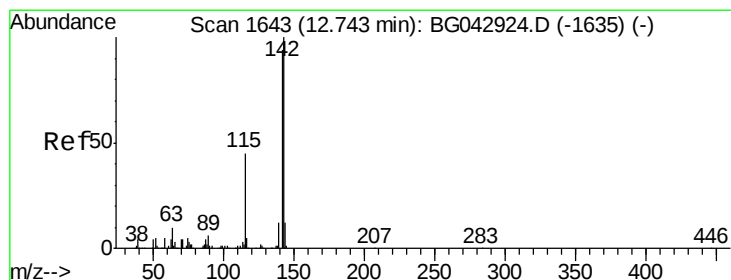
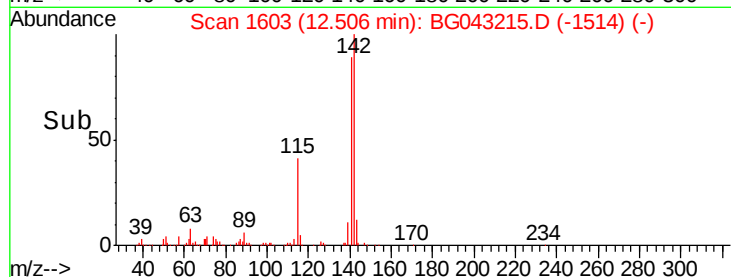
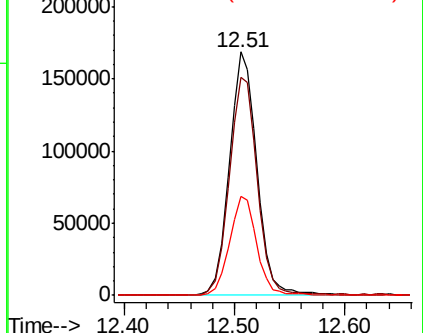


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.143 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

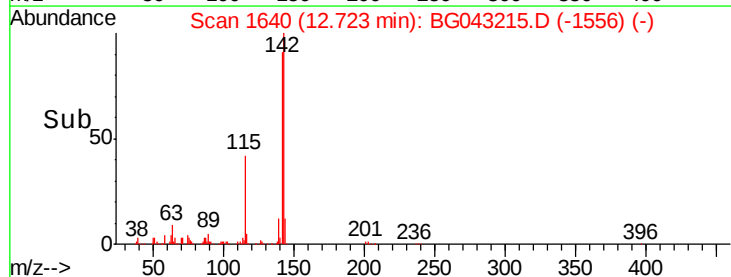
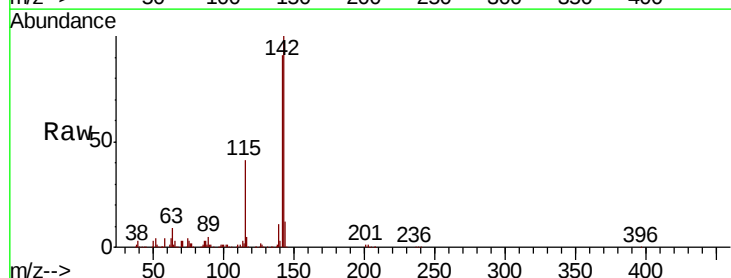
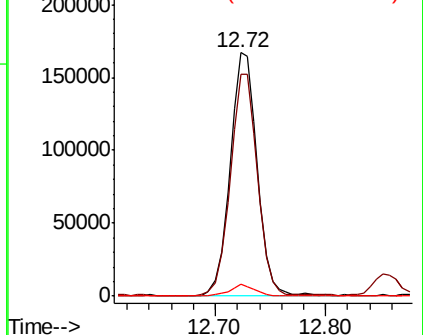
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	74.9	112.3
116	4.9	3.7	5.5

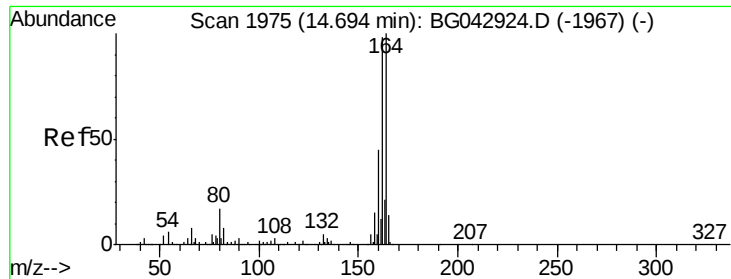
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





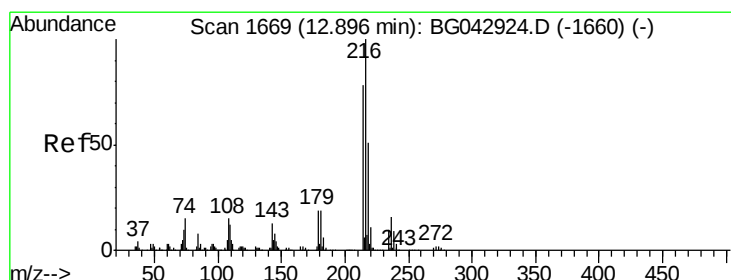
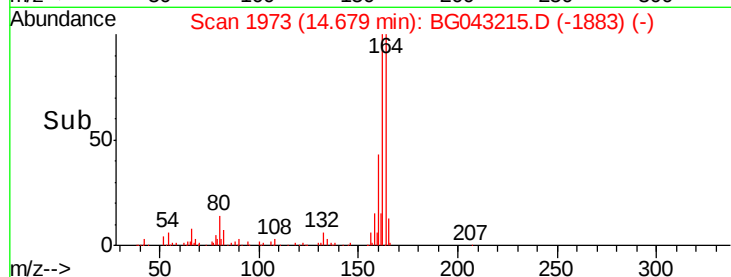
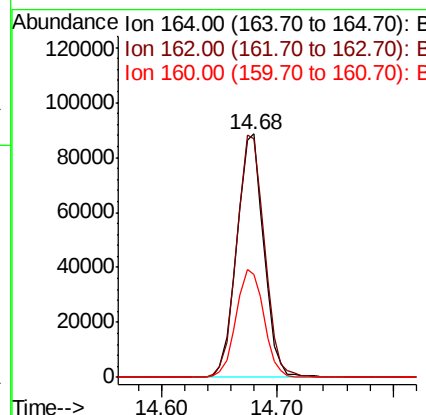
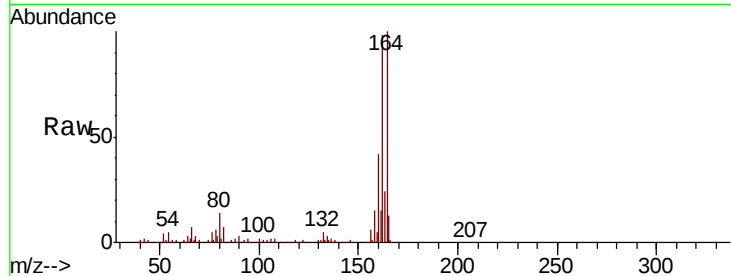
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampleId :
PB123928BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.1	78.5	117.7
160	42.0	35.9	53.9

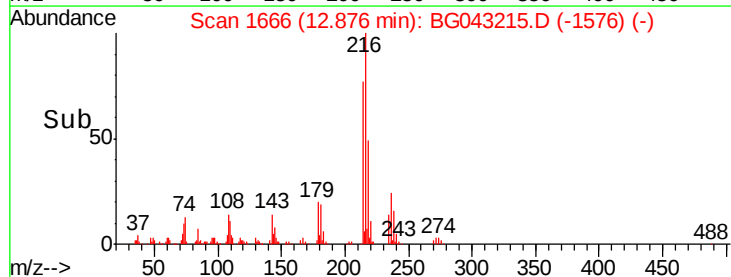
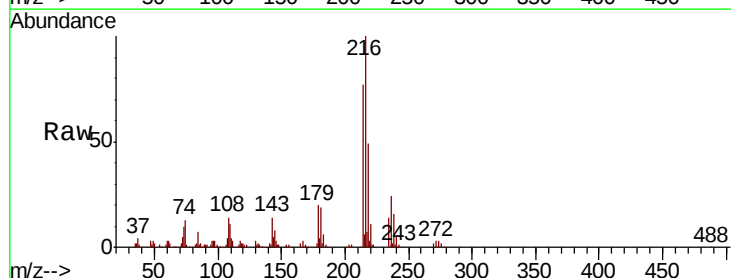
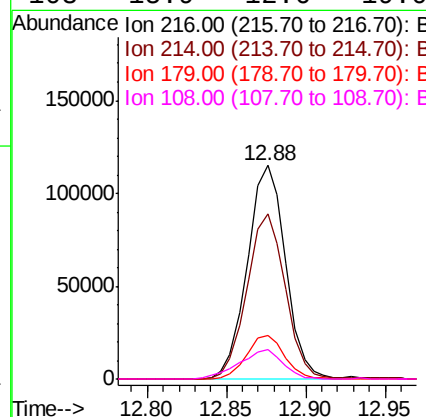
Manual Integrations
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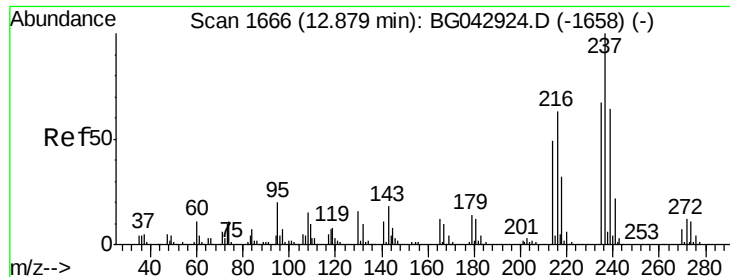
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.888 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.4	93.6
179	20.4	15.4	23.2
108	15.9	12.6	19.0





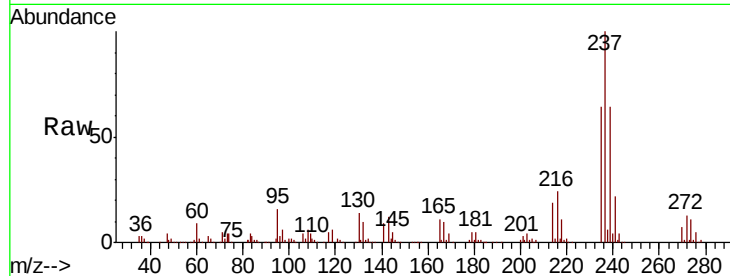
#41
Hexachlorocyclopentadiene
Concen: 71.152 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampleId :
PB123928BS

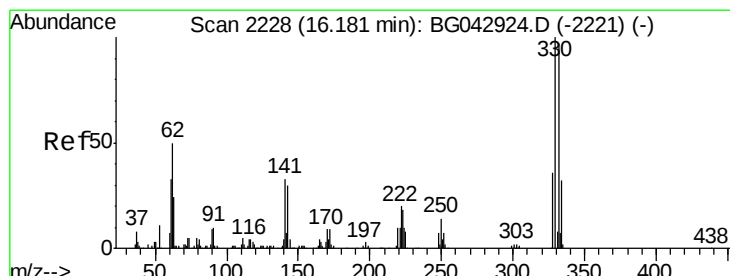
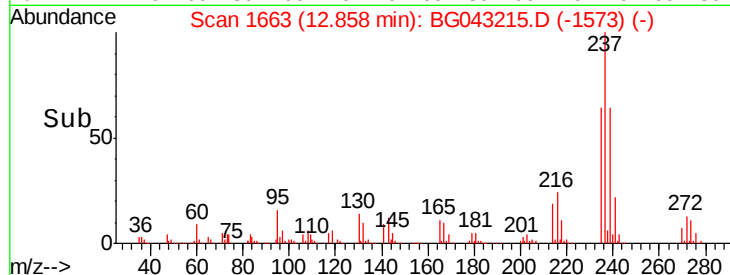
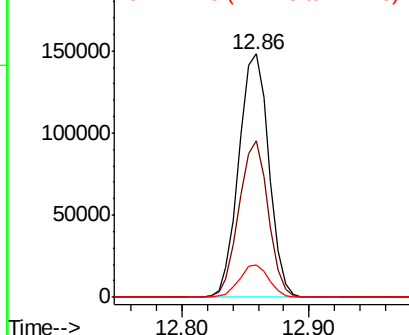
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	64.1	46.7	86.7	
272	13.2	0.0	32.3	

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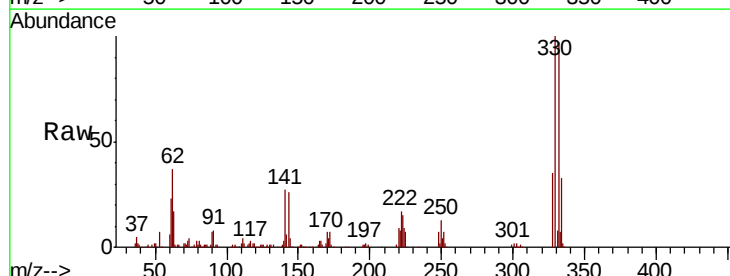


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

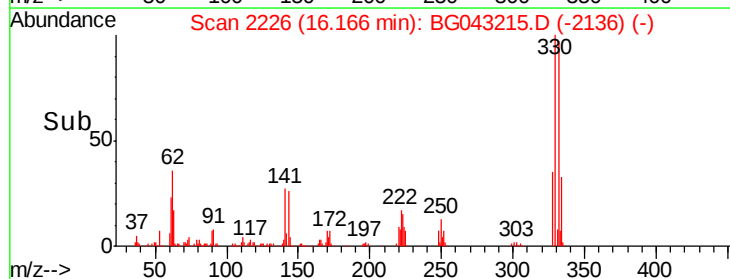
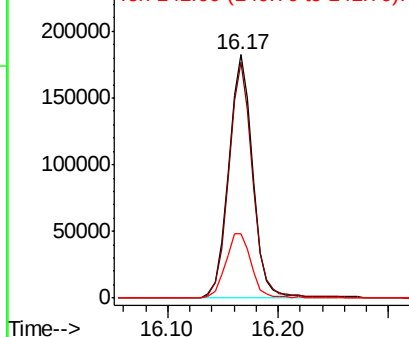


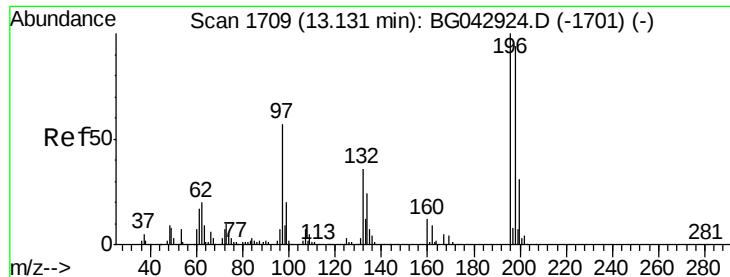
#42
2,4,6-Tribromophenol
Concen: 113.343 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	78.2	117.2	
141	28.2	26.0	39.0	



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





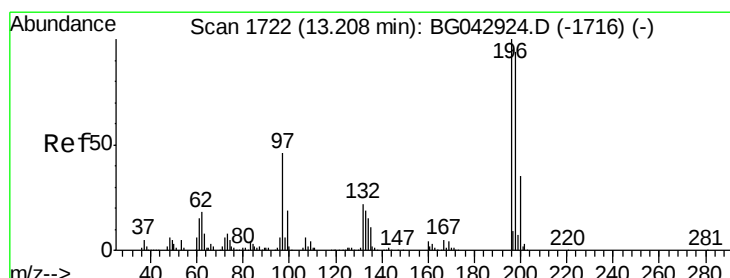
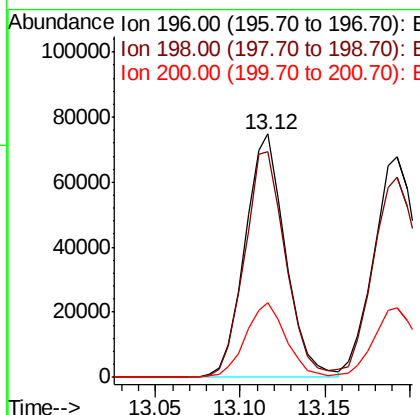
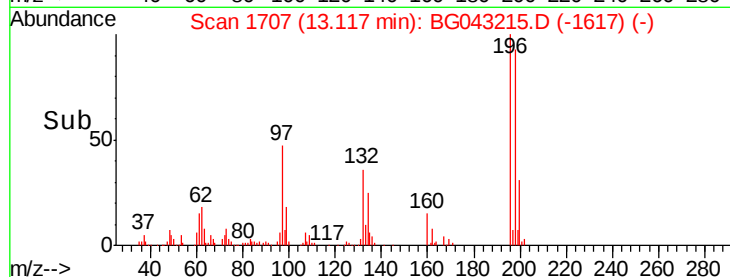
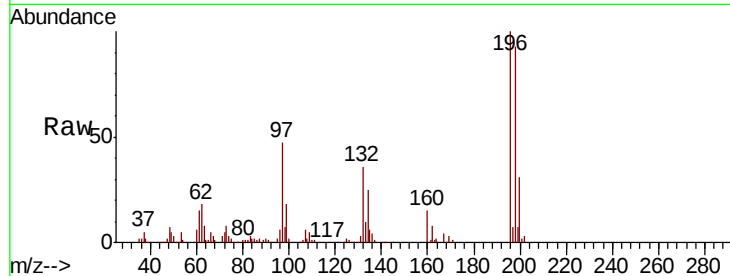
#43
 2,4,6-Trichlorophenol
 Concen: 39.472 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

Instrument :
 BNA_G
 ClientSampleID :
 PB123928BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	124284		
198	92.9	75.5	113.3	
200	30.8	24.9	37.3	

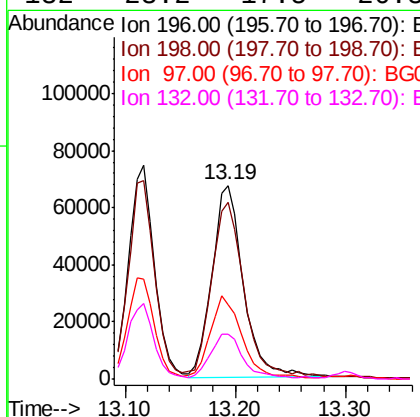
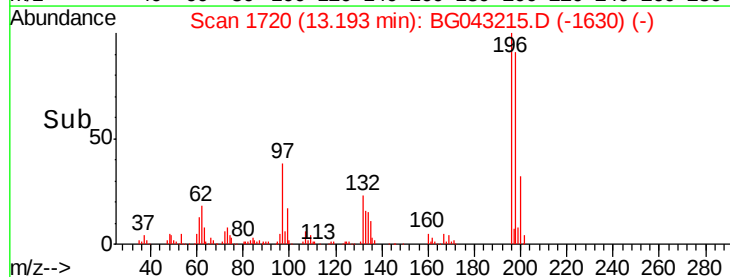
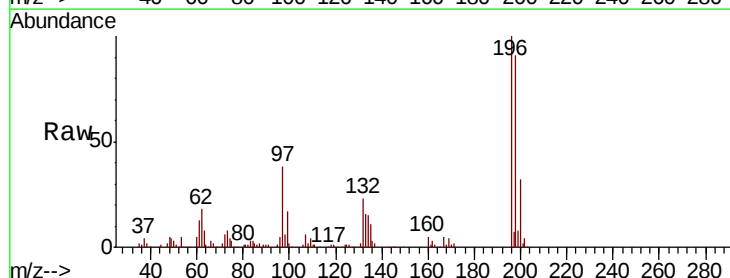
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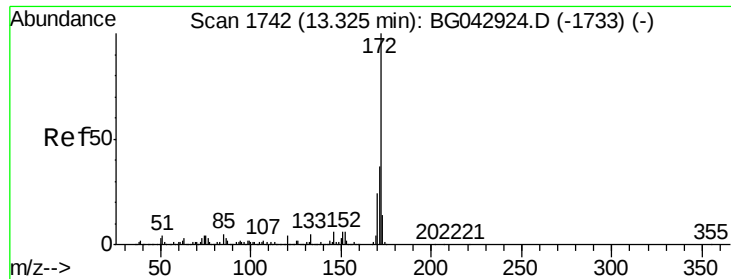
mohammad
 10/17/2019 7:57:19 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.054 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	133163		
198	91.0	75.1	112.7	
97	38.3	37.0	55.4	
132	23.2	17.5	26.3	





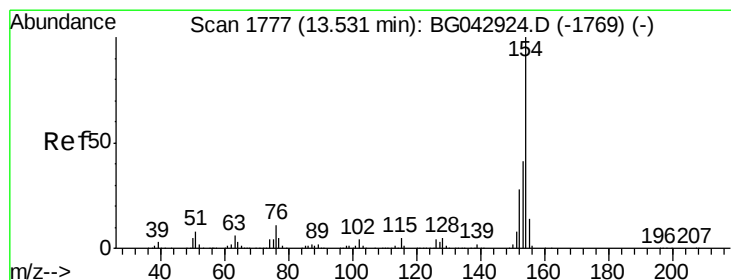
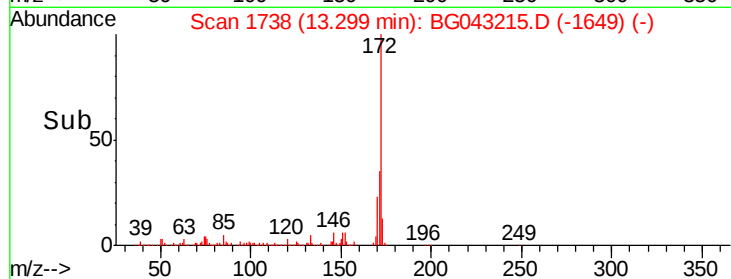
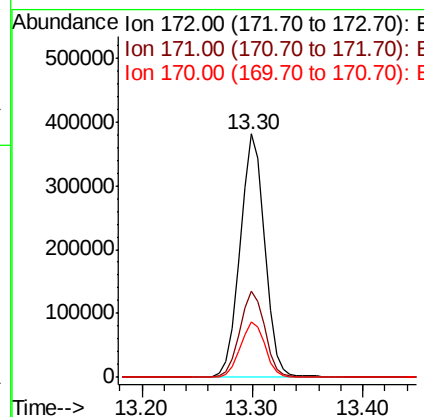
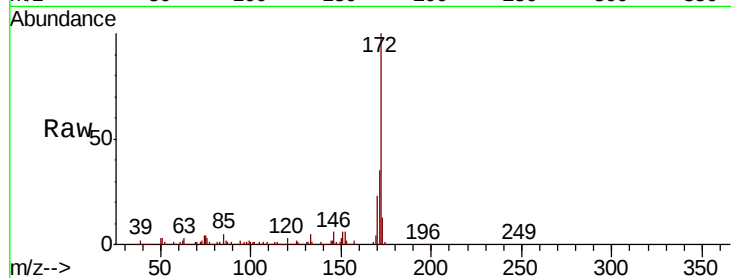
#45
2-Fluorobiphenyl
Concen: 60.872 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampleId :
PB123928BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
172	100		600771		
171	35.4	29.6		44.4	
170	22.6	19.6		29.4	

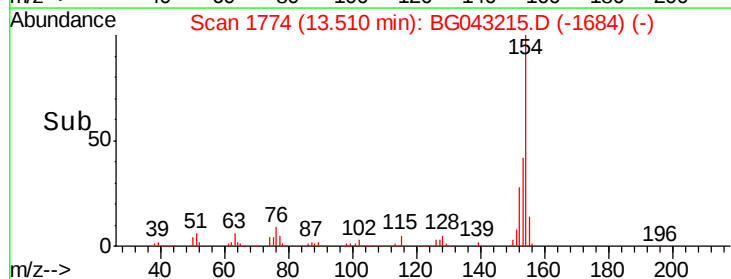
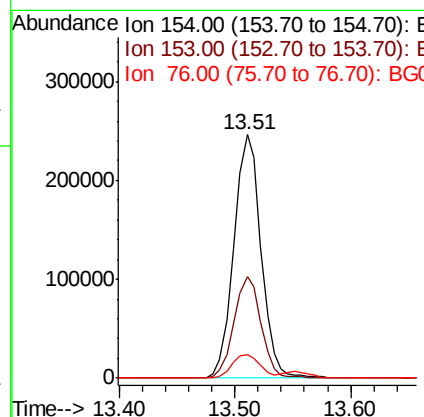
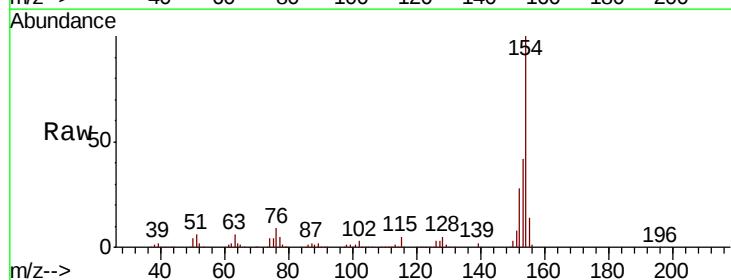
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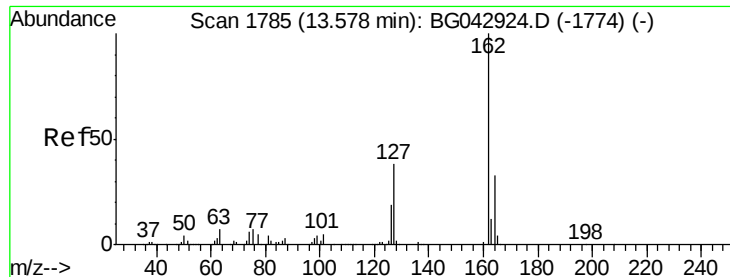
mohammad
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#46
1,1'-Biphenyl
Concen: 36.960 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		401020		
153	41.5	21.4		61.4	
76	9.4	0.0		31.3	





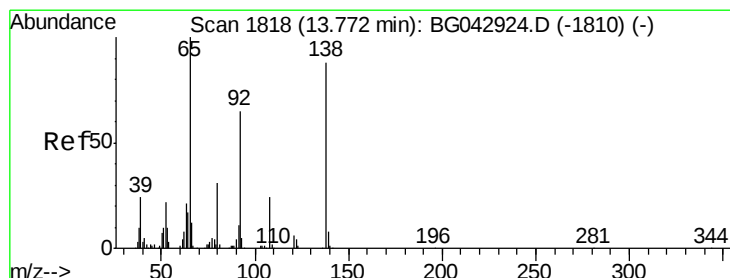
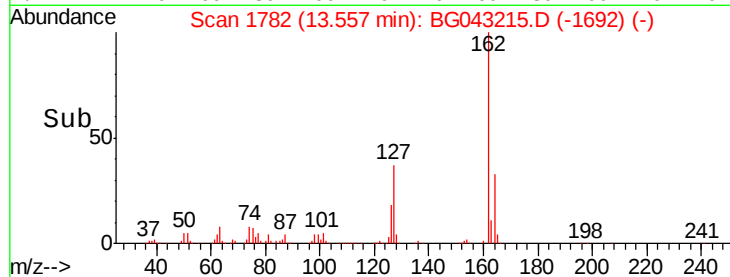
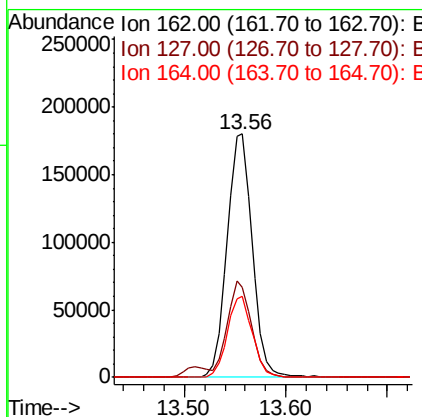
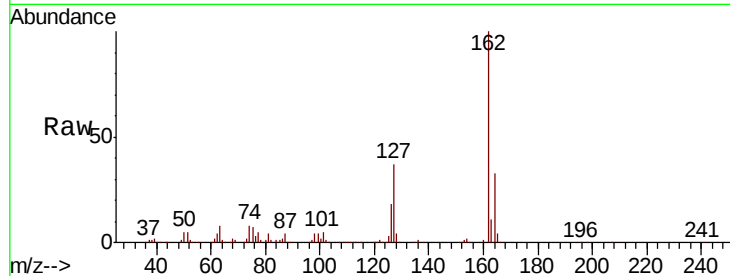
#47
2-Chloronaphthalene
Concen: 38.225 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampleId :
PB123928BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.2	31.0	46.6	
164	33.4	26.2	39.2	

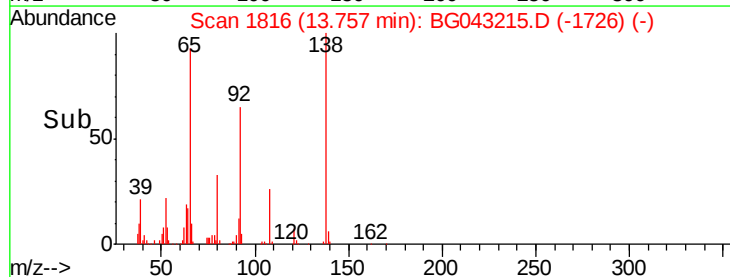
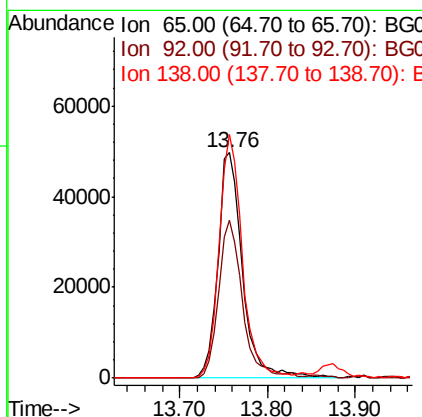
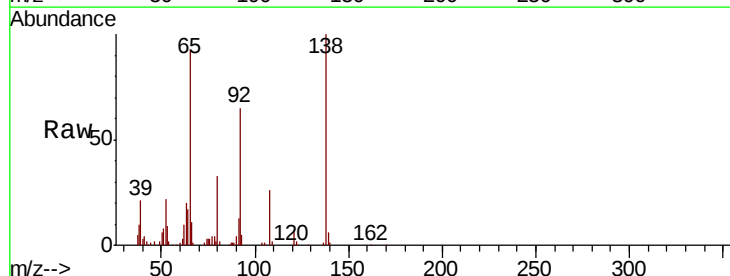
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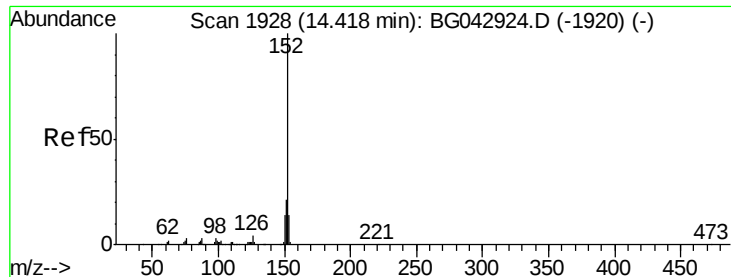
mohammad
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#48
2-Nitroaniline
Concen: 35.904 ng
RT: 13.76 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	69.7	52.0	78.0	
138	107.9	70.4	105.6	





#49

Acenaphthylene

Concen: 41.028 ng

RT: 14.40 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Instrument :

BNA_G

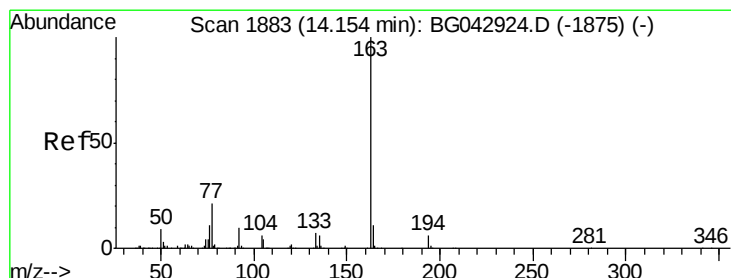
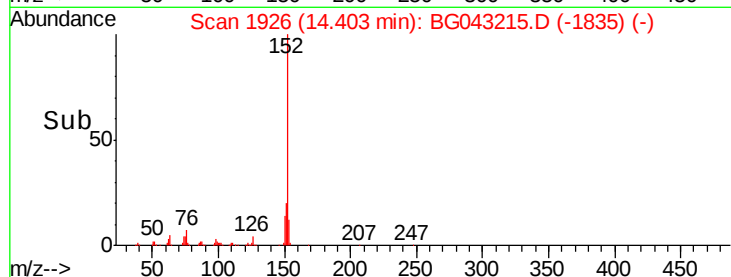
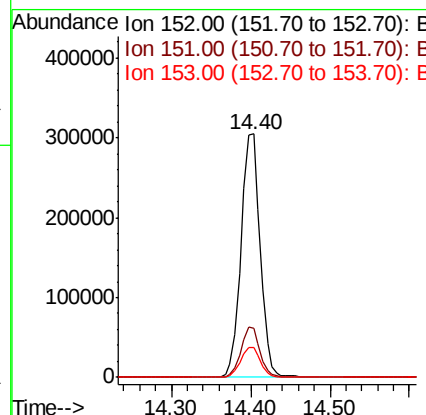
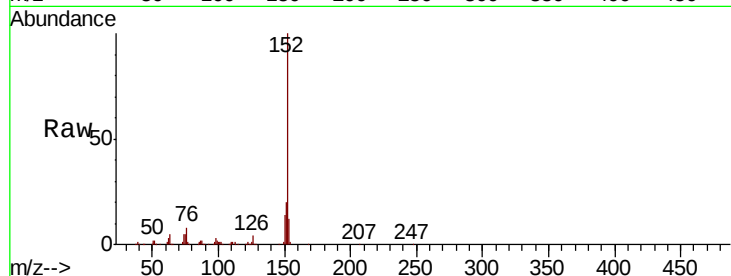
ClientSampleId :

PB123928BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		510697		
151	20.2	16.8	25.2		
153	12.4	11.3	16.9		

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#50

Dimethylphthalate

Concen: 37.571 ng

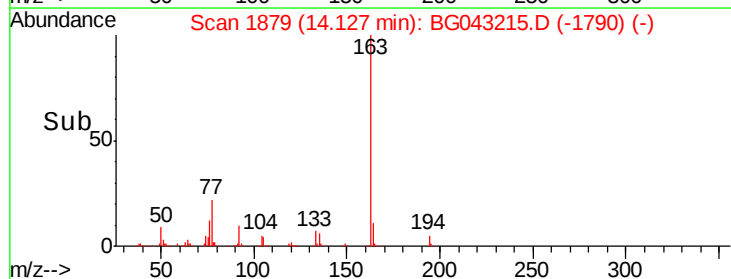
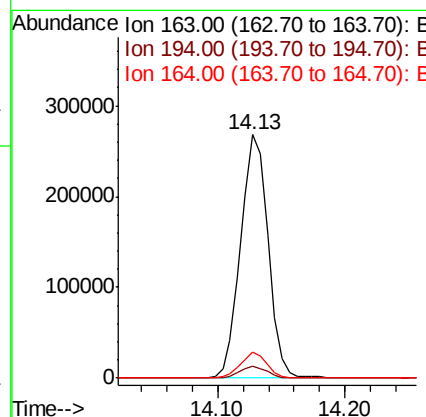
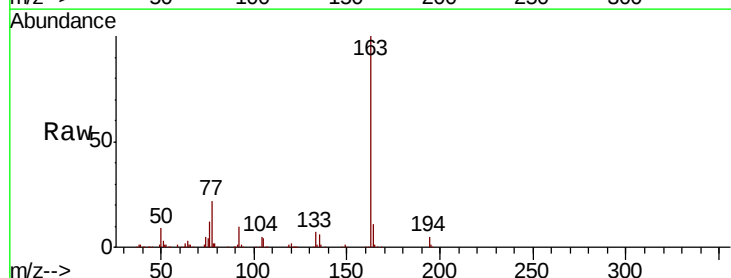
RT: 14.13 min Scan# 1879

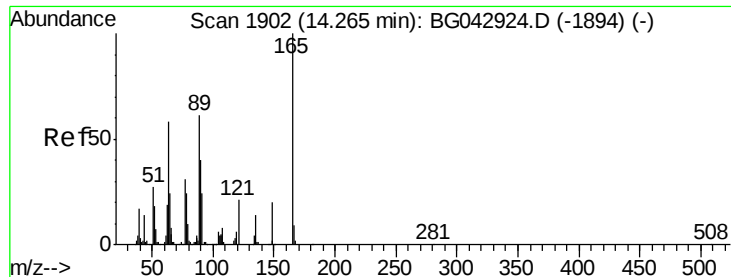
Delta R.T. -0.01 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		402770		
194	5.1	4.4	6.6		
164	10.8	8.6	12.8		





#51

2,6-Dinitrotoluene

Concen: 40.360 ng

RT: 14.24 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Instrument :

BNA_G

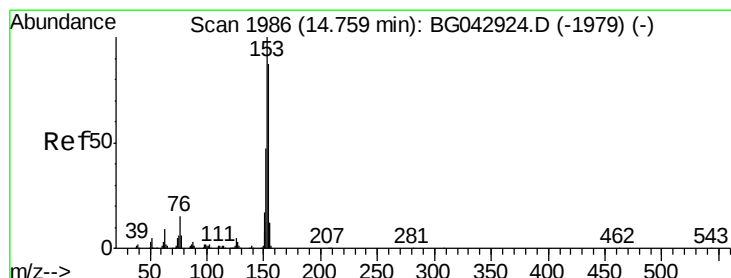
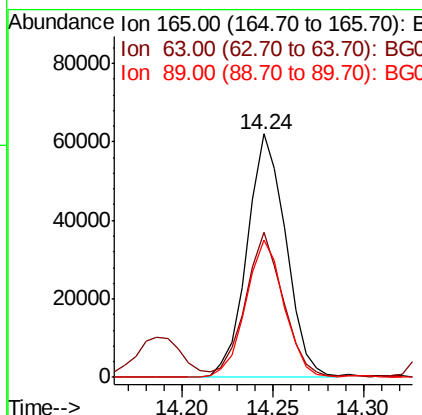
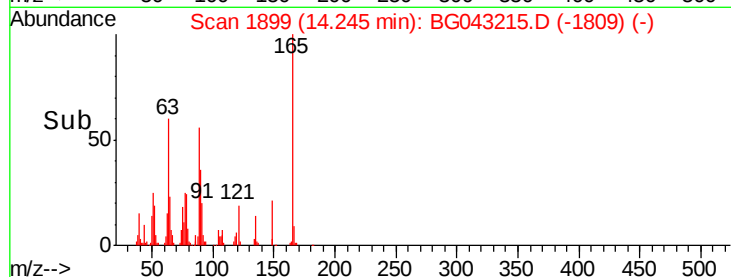
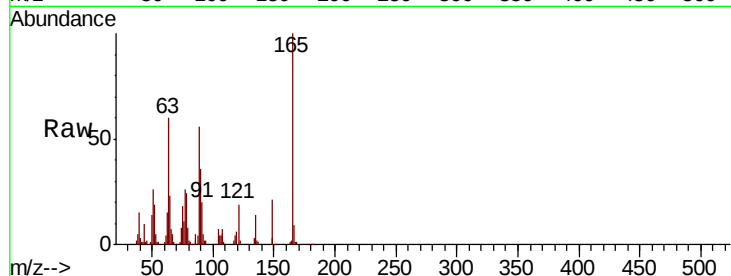
ClientSampleId :

PB123928BS

Tot Ion:	165	Resp:	92139
Ion Ratio	Lower	Upper	
165	100		
63	59.6	50.3	75.5
89	56.2	48.9	73.3

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#52

Acenaphthene

Concen: 36.099 ng

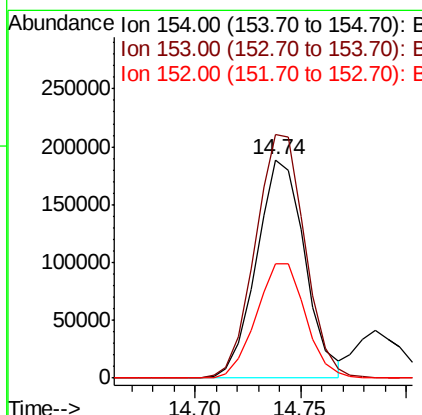
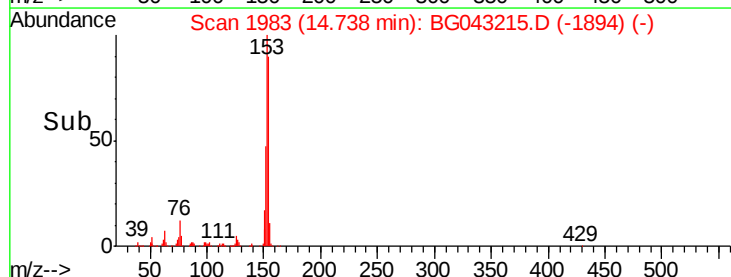
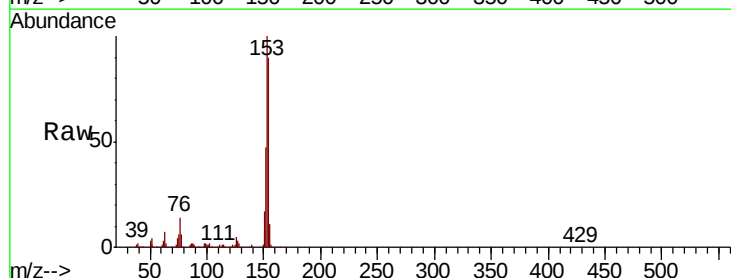
RT: 14.74 min Scan# 1983

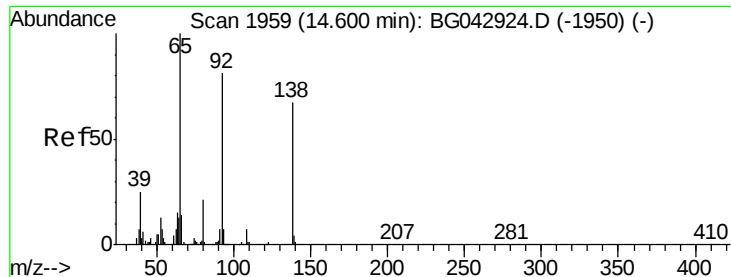
Delta R.T. -0.01 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Tgt Ion:	154	Resp:	300771
Ion Ratio	Lower	Upper	
154	100		
153	111.5	91.4	137.0
152	52.4	42.8	64.2





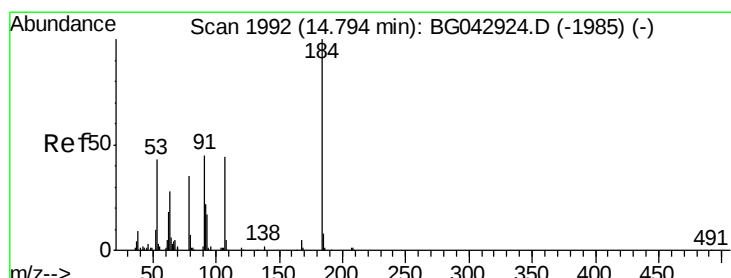
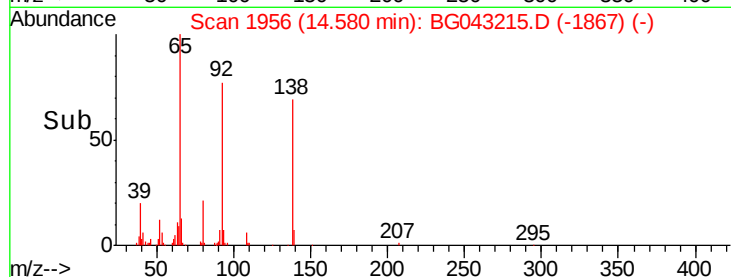
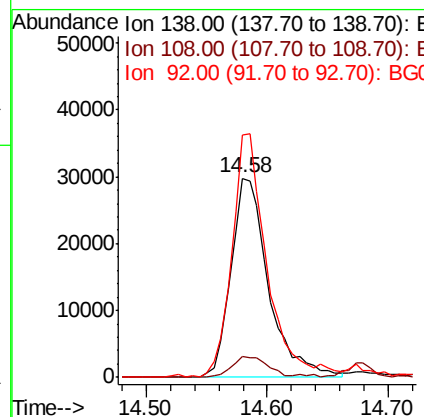
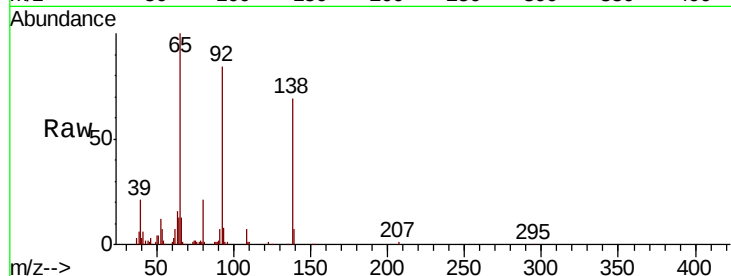
#53
3-Nitroaniline
Concen: 27.297 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampleId :
PB123928BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	7.9	11.9
92	121.9	97.0	145.6

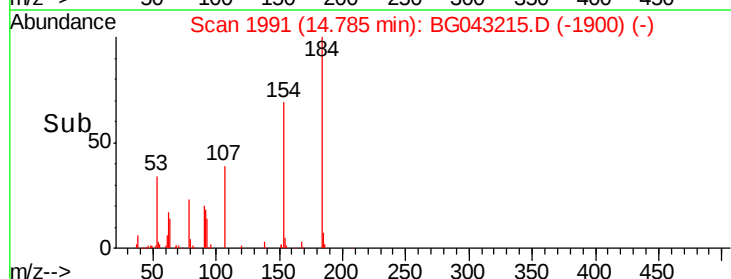
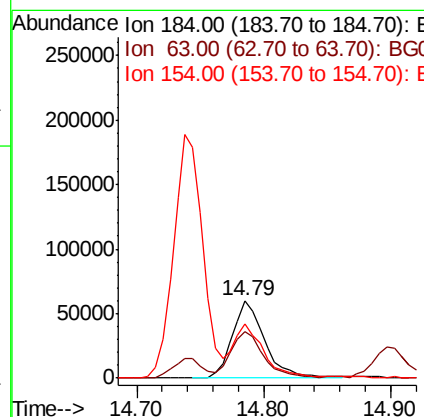
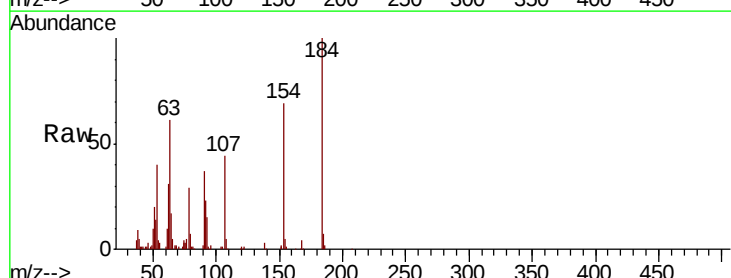
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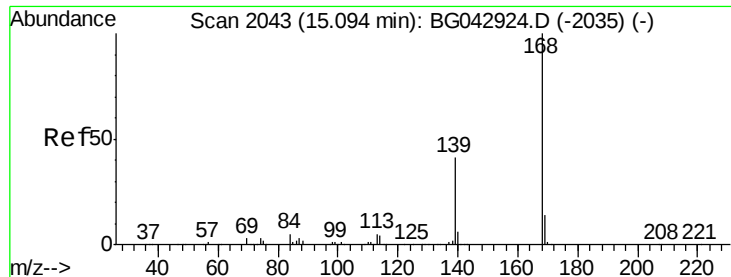
mohammad
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#54
2,4-Dinitrophenol
Concen: 74.311 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.9	55.0	82.6
154	69.4	56.5	84.7





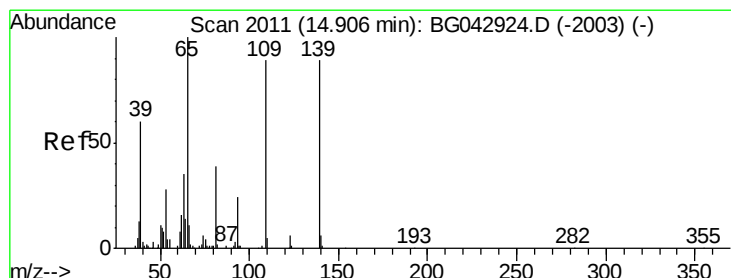
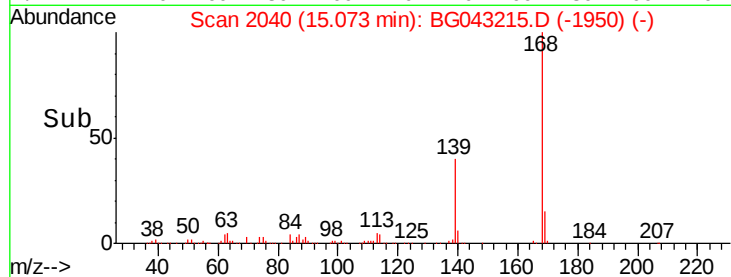
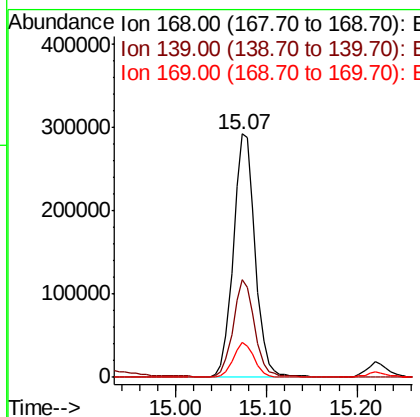
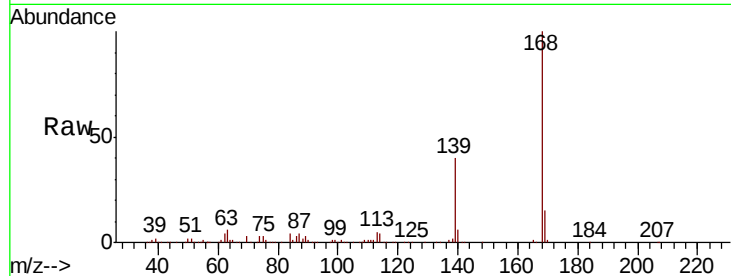
#55
Dibenzofuran
Concen: 39.900 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampleId :
PB123928BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.1	32.6	48.8
169	14.6	11.2	16.8

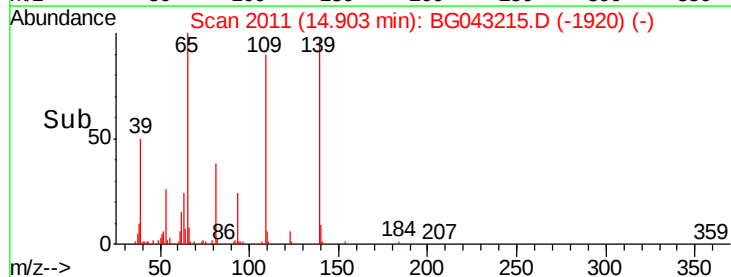
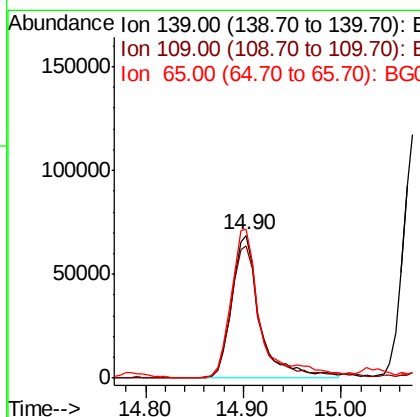
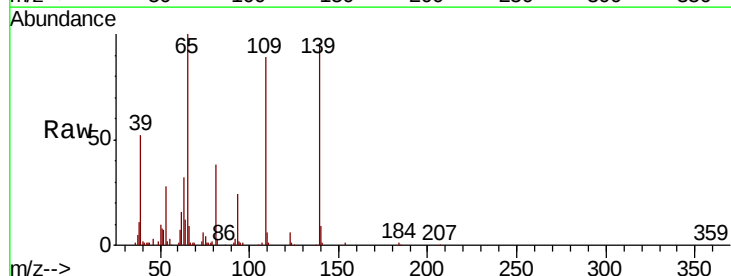
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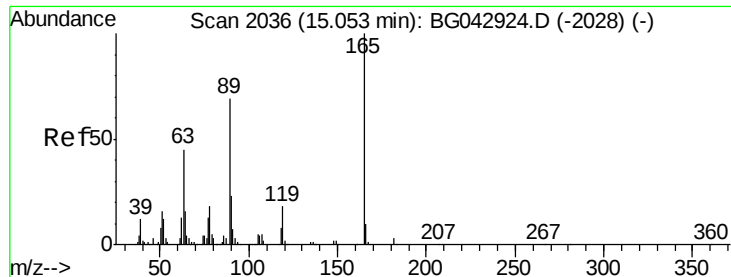
mohammad
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#56
4-Nitrophenol
Concen: 77.039 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.8	79.4	119.4
65	104.0	92.5	132.5





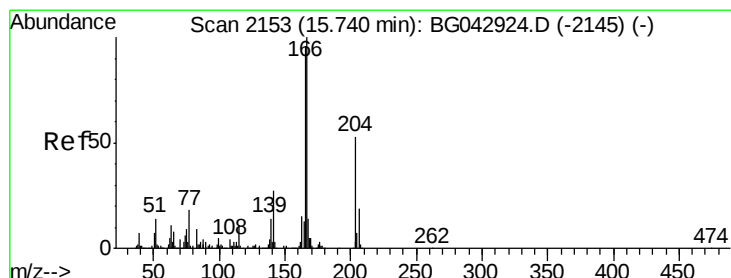
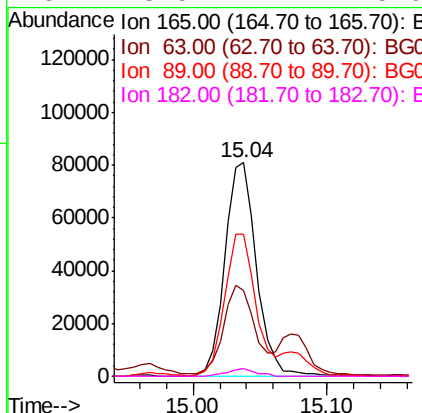
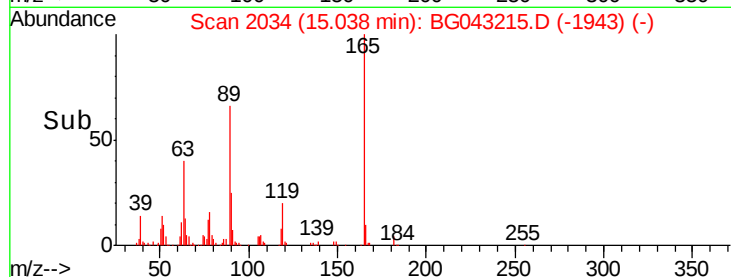
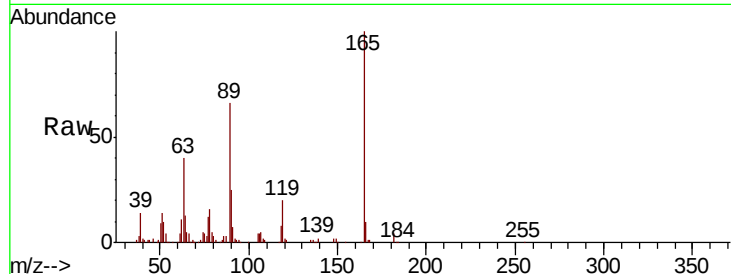
#57
 2,4-Dinitrotoluene
 Concen: 40.130 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

Instrument :
 BNA_G
 ClientSampleId :
 PB123928BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		134160		
63	40.2		36.5	54.7	
89	66.4		55.5	83.3	
182	3.5		2.4	3.6	

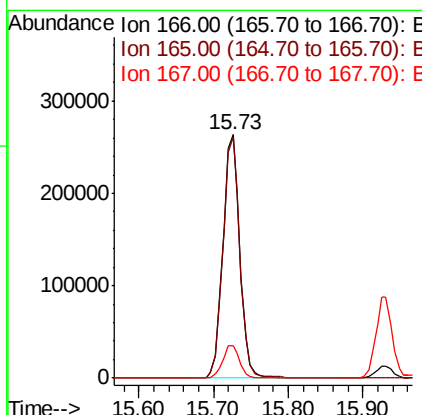
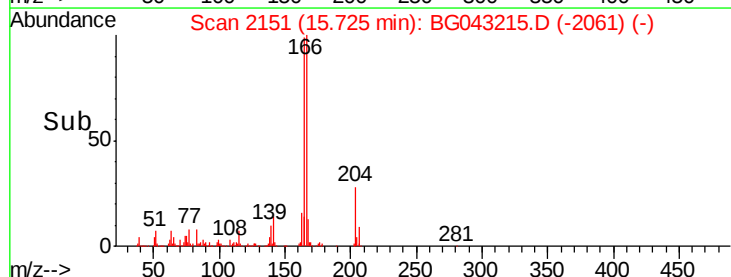
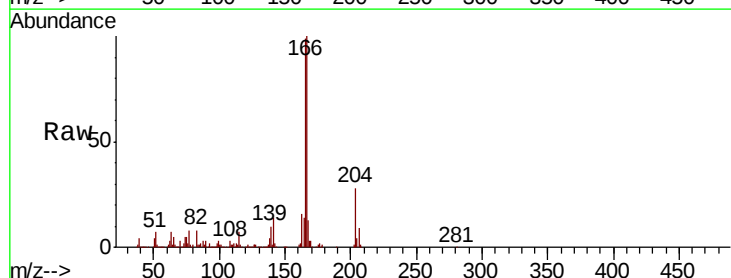
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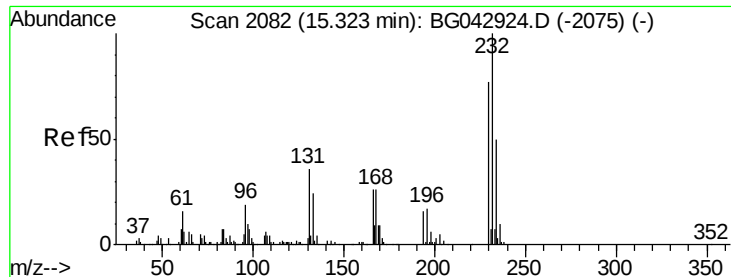
mohammad
 10/17/2019 7:57:19 AM



#58
 Fluorene
 Concen: 39.448 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		415098		
165	99.1		77.1	115.7	
167	13.2		11.0	16.6	





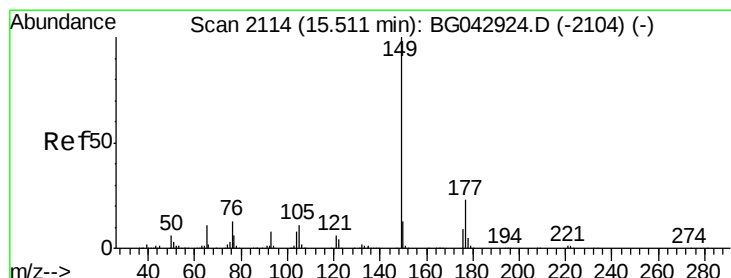
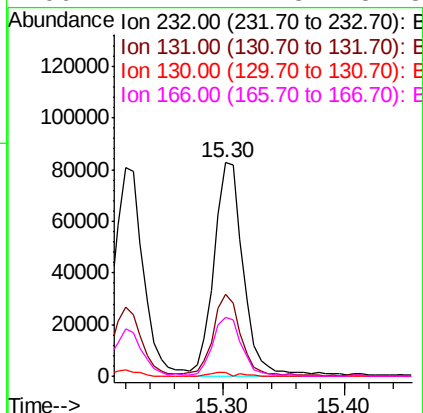
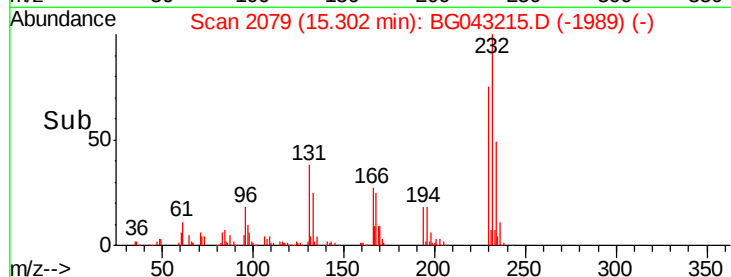
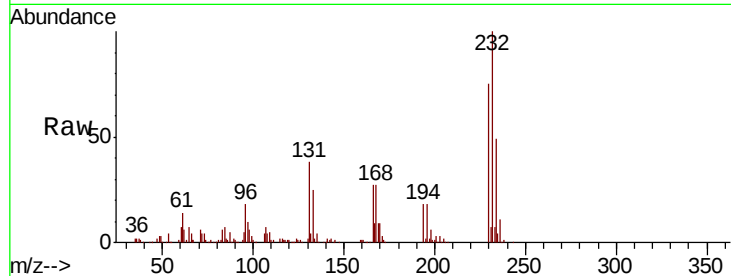
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.384 ng m
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

Instrument :
 BNA_G
 ClientSampleId :
 PB123928BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	31.1	29.6	44.4
130	2.4	1.9	2.9
166	21.2	21.8	32.8#

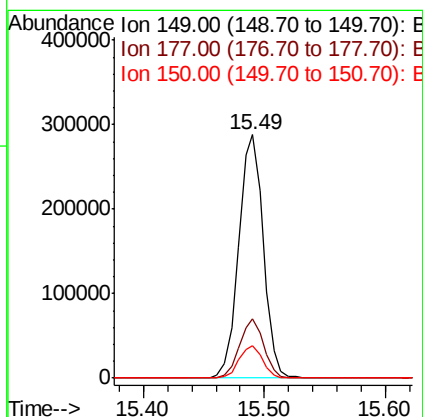
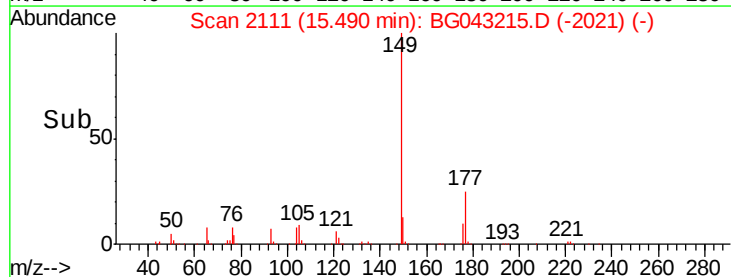
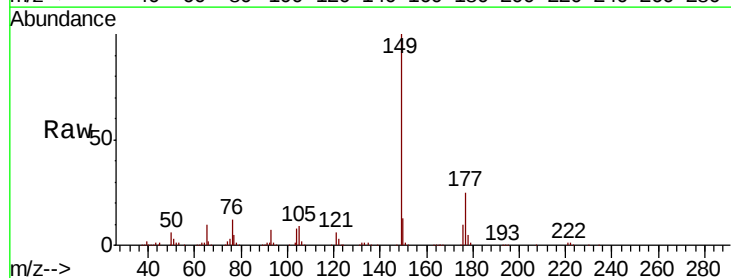
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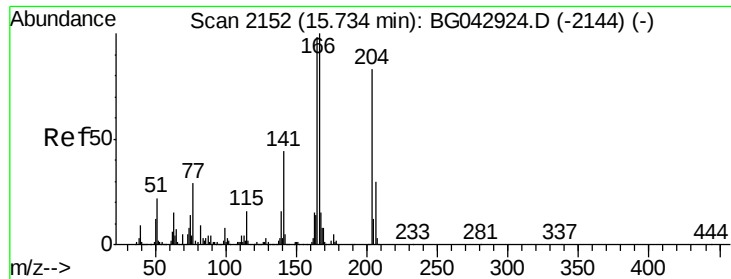
mohammad
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#60
 Diethylphthalate
 Concen: 37.501 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.6	18.8	28.2
150	13.1	10.6	15.8





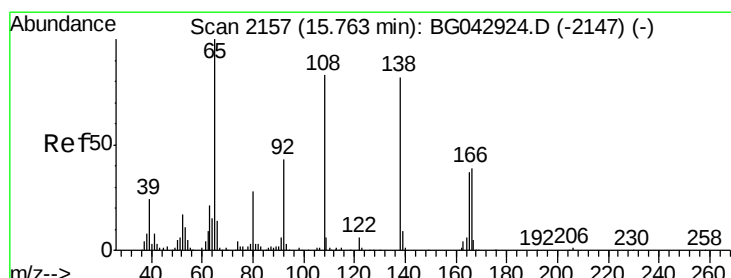
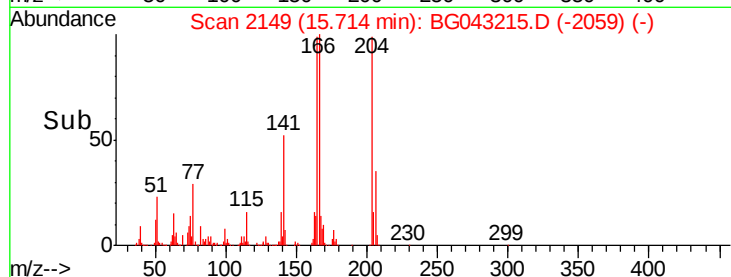
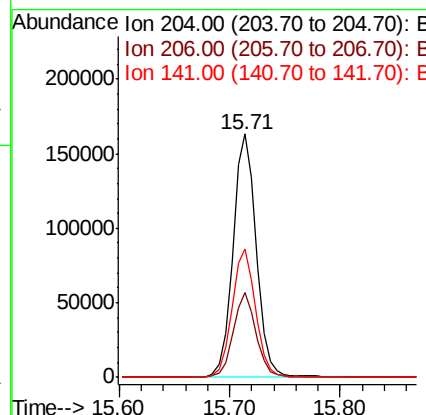
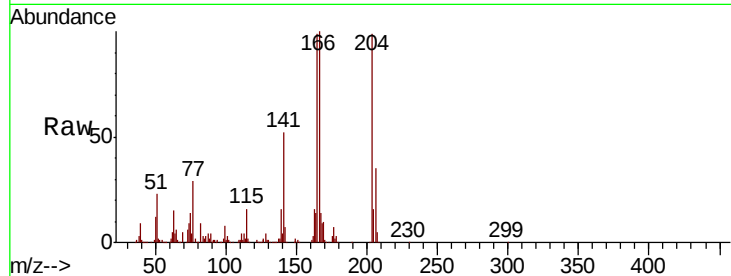
#61
4-Chlorophenyl-phenylether
Concen: 38.286 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampleId :
PB123928BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.7	28.5	42.7
141	52.5	42.4	63.6

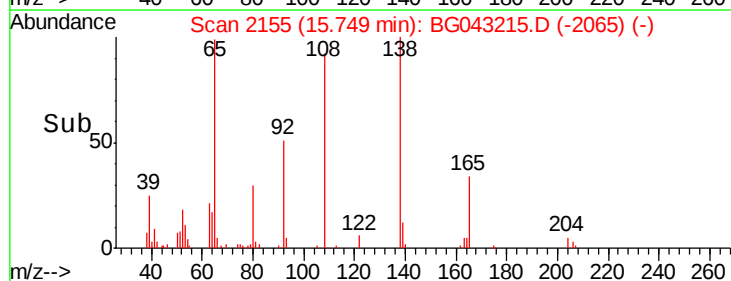
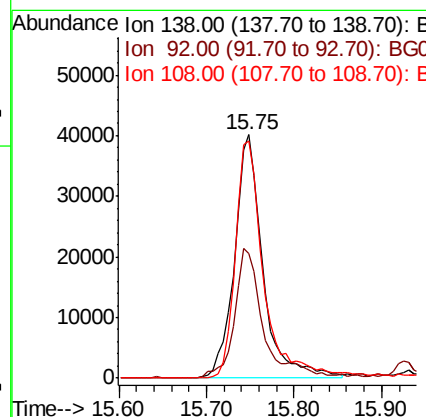
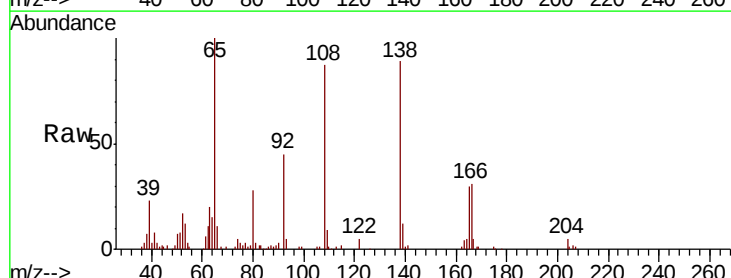
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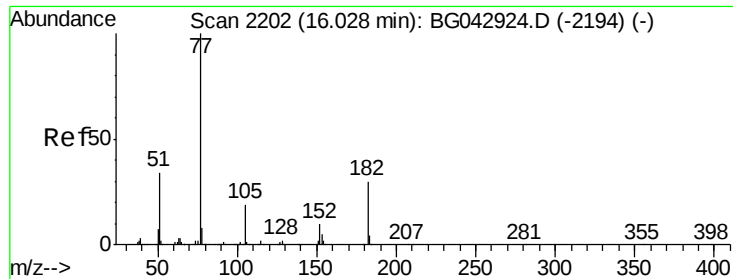
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#62
4-Nitroaniline
Concen: 34.449 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.3	32.9	72.9
108	97.6	81.3	121.3





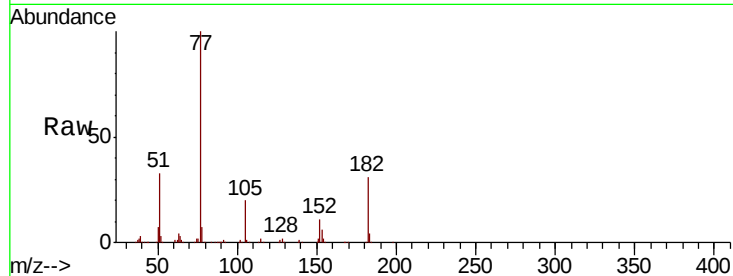
#63
Azobenzene
Concen: 36.336 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampleId :
PB123928BS

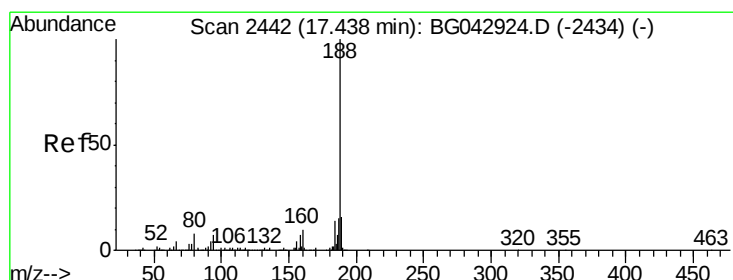
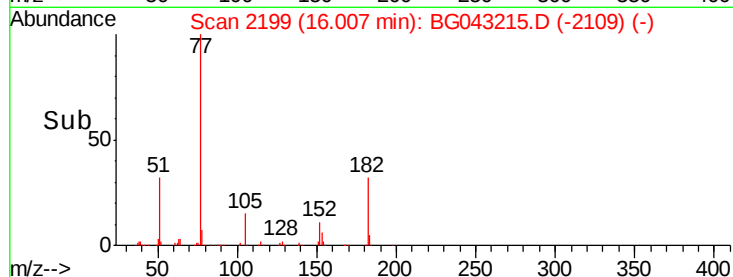
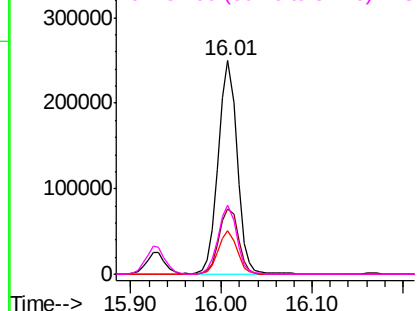
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		360919		
182	30.6	10.2	50.2		
105	20.2	0.0	39.1		
51	32.6	13.9	53.9		

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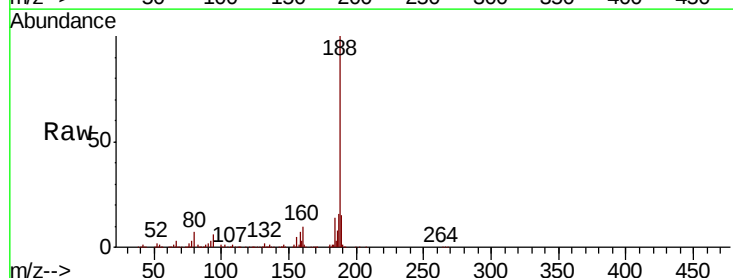


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

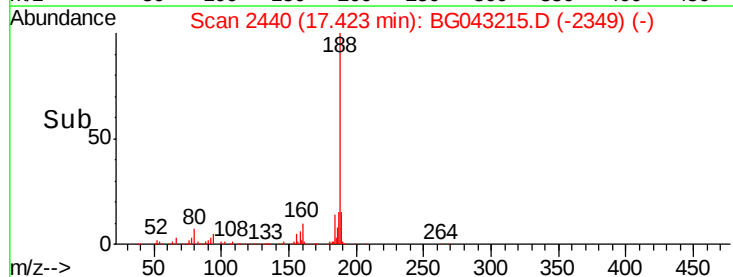
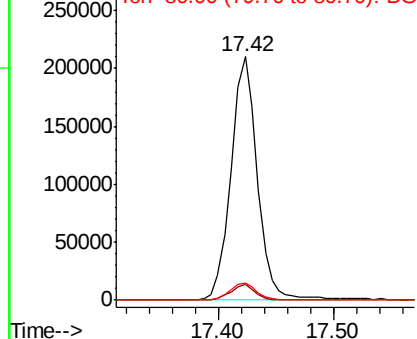


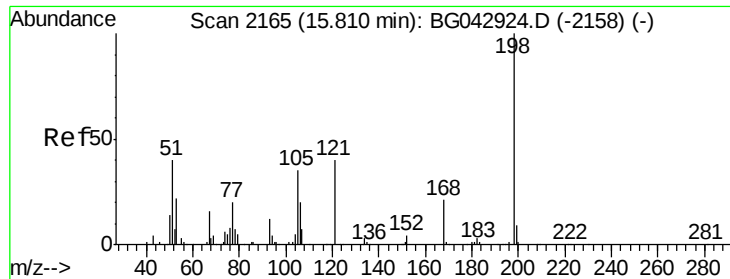
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		331998		
94	6.3	5.7	8.5		
80	6.8	6.5	9.7		



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





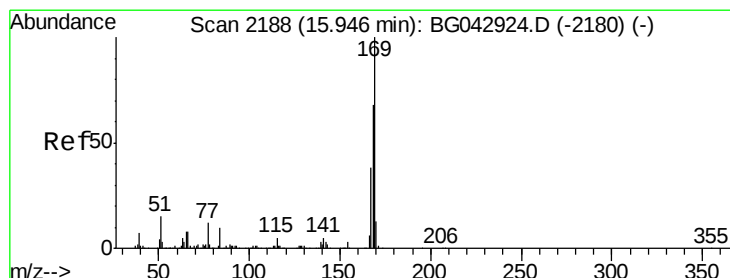
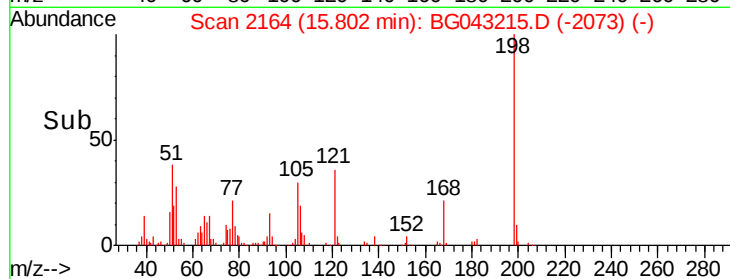
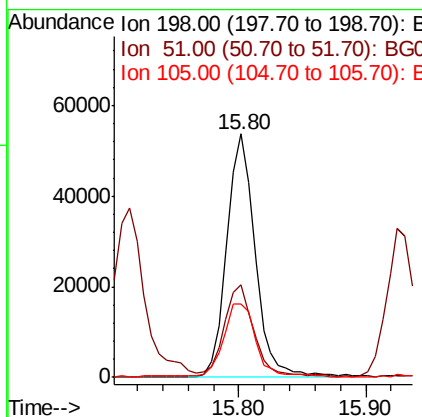
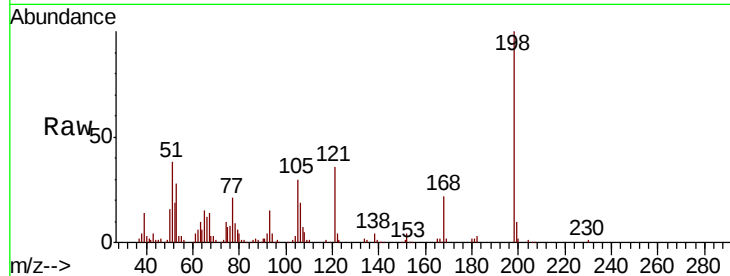
#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.315 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. 0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

Instrument :
 BNA_G
 ClientSampleId :
 PB123928BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	83253		
51	37.9	25.3	65.3	
105	29.9	16.6	56.6	

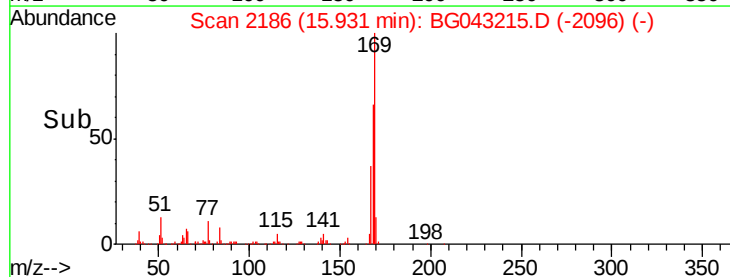
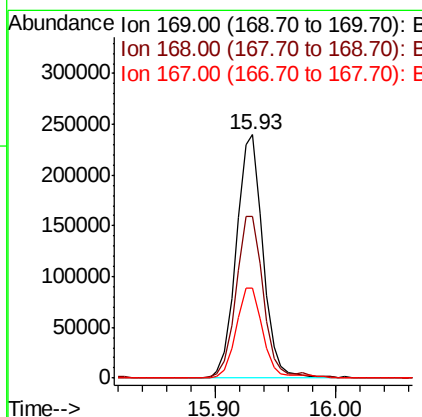
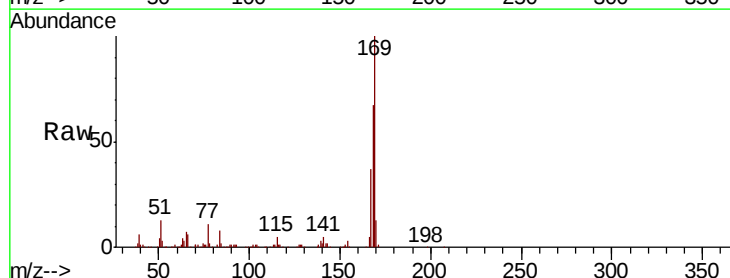
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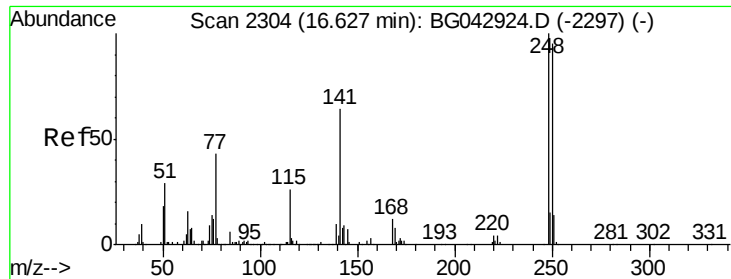
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 41.976 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: BG043215.D
 Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	367889		
168	66.6	54.8	82.2	
167	36.7	30.6	46.0	





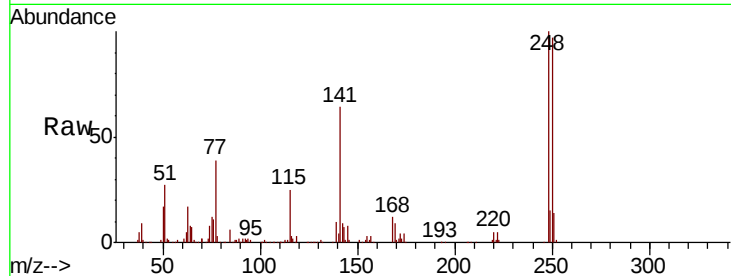
#67
4-Bromophenyl-phenylether
Concen: 40.786 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampleId :
PB123928BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	75.8	113.8
141	64.3	51.1	76.7

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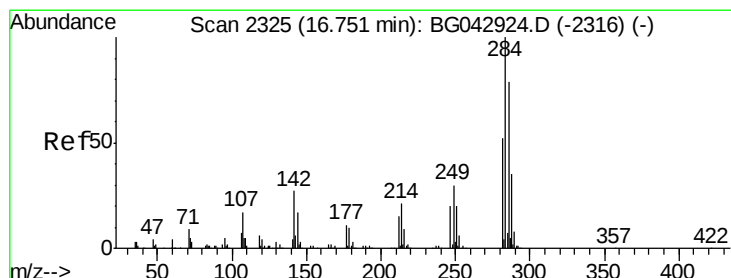
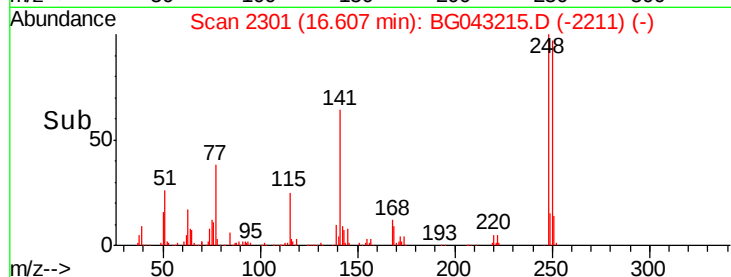
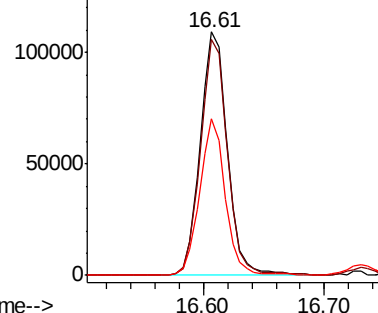


Abundance

Ion 248.00 (247.70 to 248.70): E

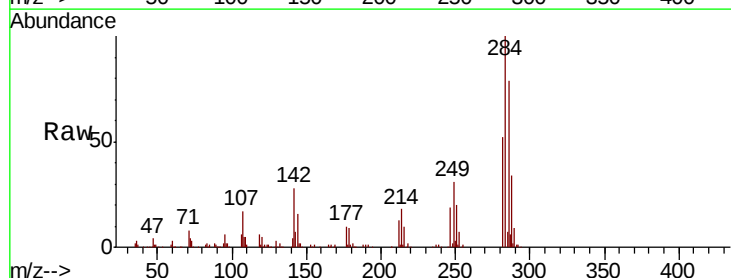
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.284 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.2	21.6	32.4
249	31.3	24.1	36.1

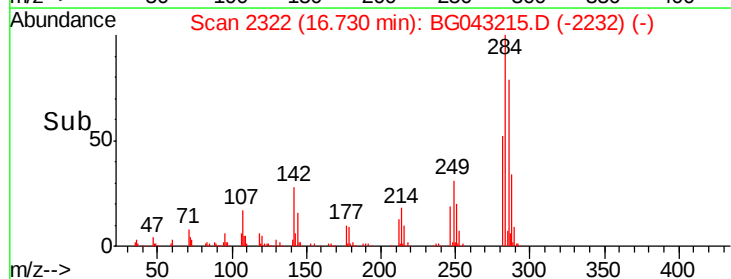
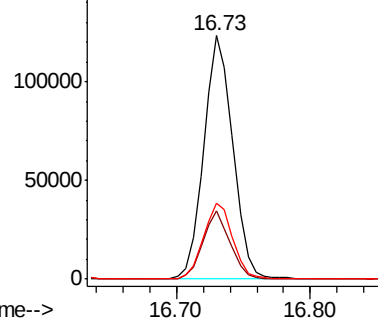


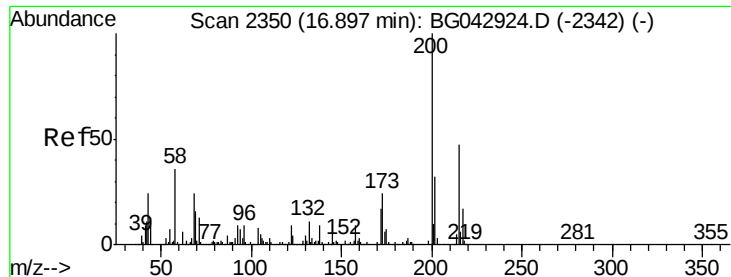
Abundance

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





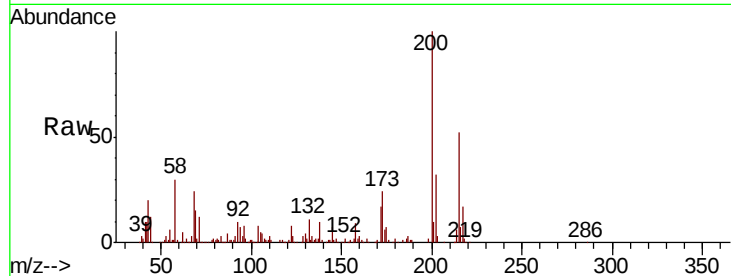
#69
Atrazine
Concen: 43.134 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampleId :
PB123928BS

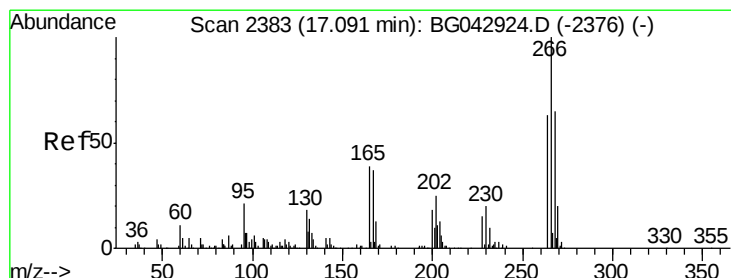
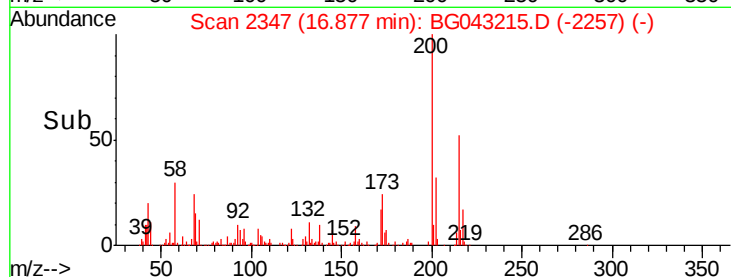
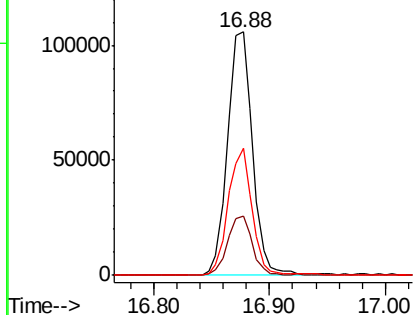
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.4	4.0	44.0
215	52.2	27.4	67.4

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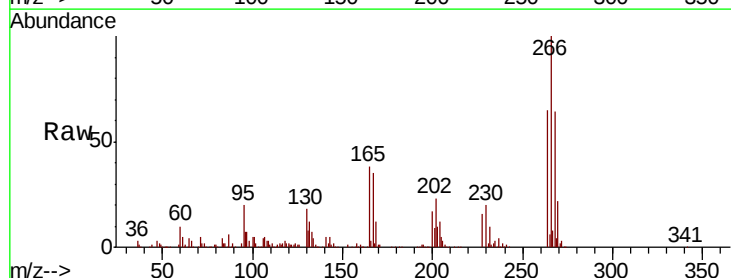


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

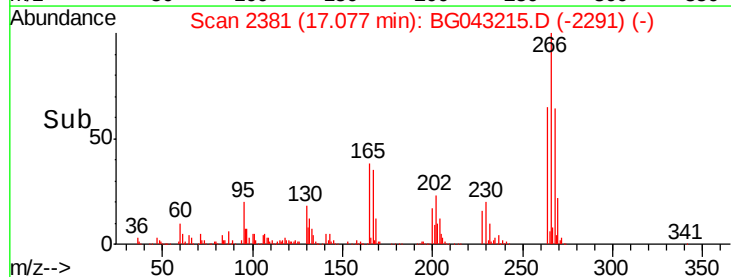
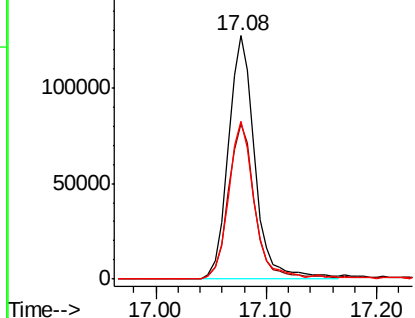


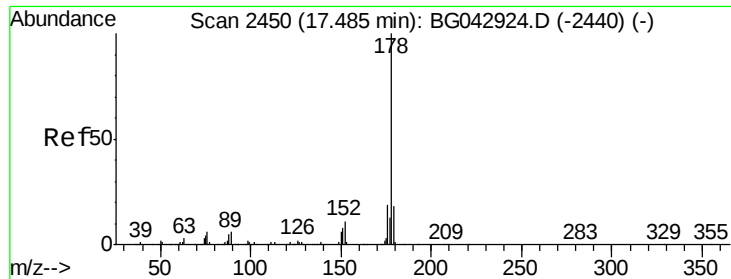
#70
Pentachlorophenol
Concen: 80.245 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.7	52.2	78.2
264	65.1	50.7	76.1



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





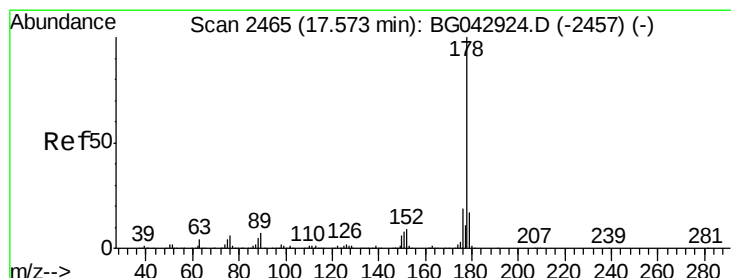
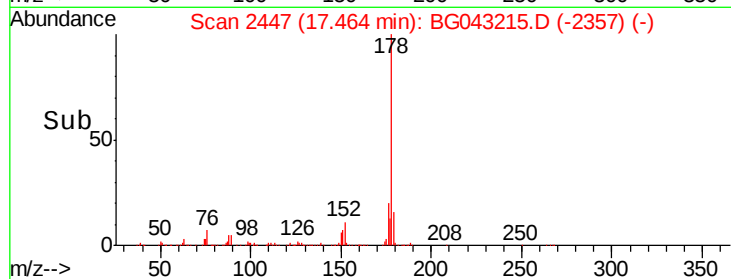
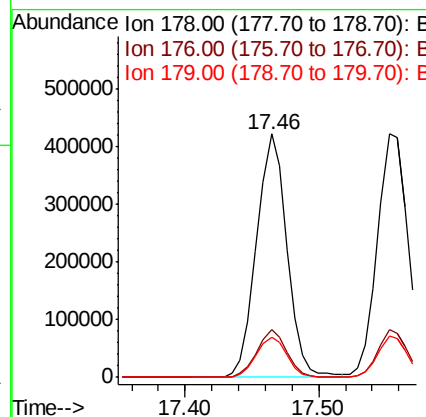
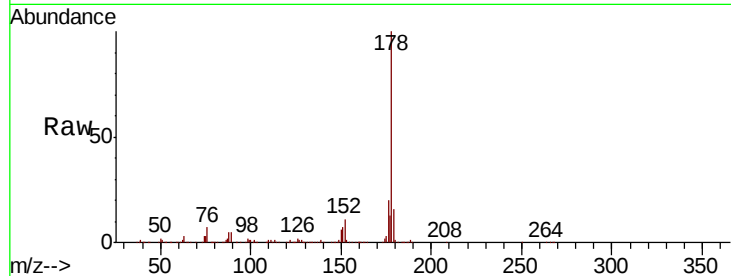
#71
Phenanthrene
Concen: 40.838 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampleId :
PB123928BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.1	22.7
179	16.5	14.1	21.1

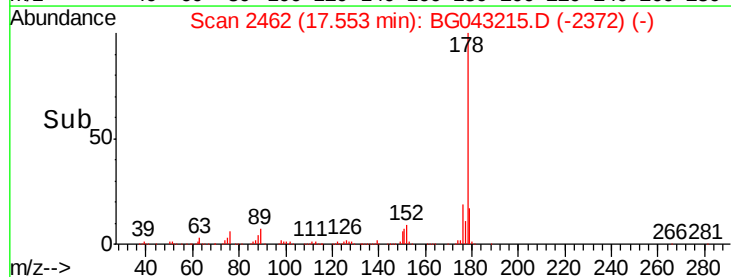
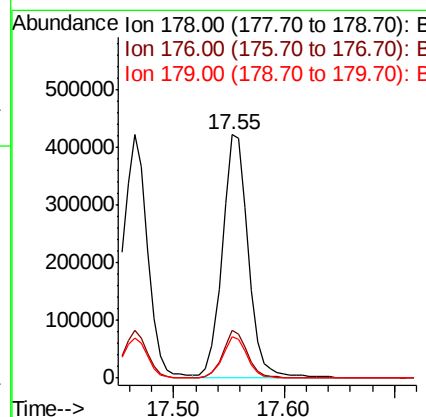
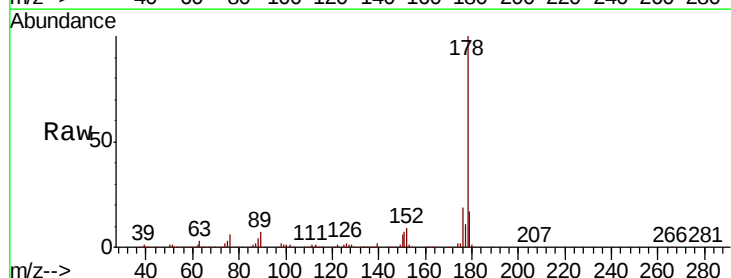
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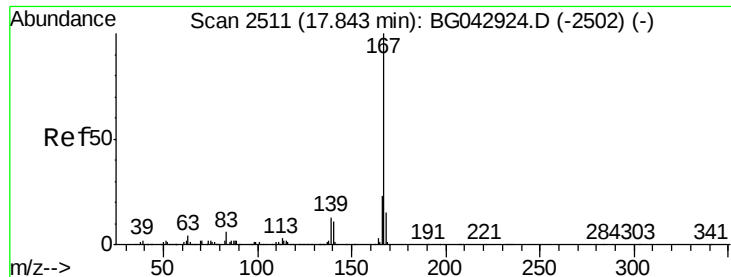
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#72
Anthracene
Concen: 42.441 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	16.8	13.5	20.3





#73

Carbazole

Concen: 40.767 ng

RT: 17.82 min Scan# 2508

Delta R.T. -0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Instrument :

BNA_G

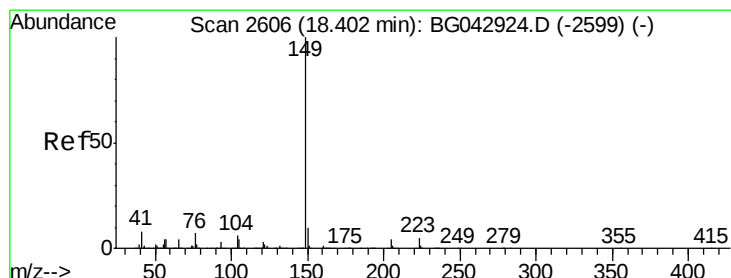
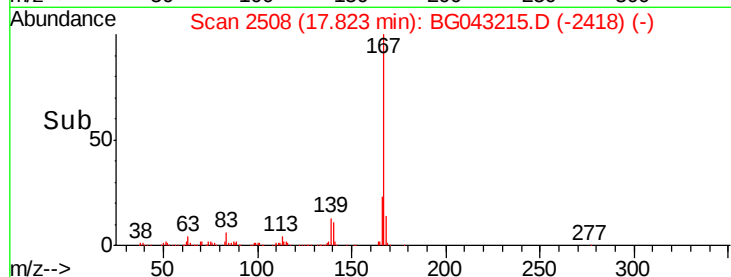
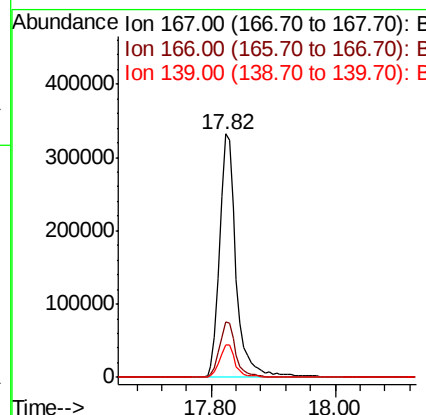
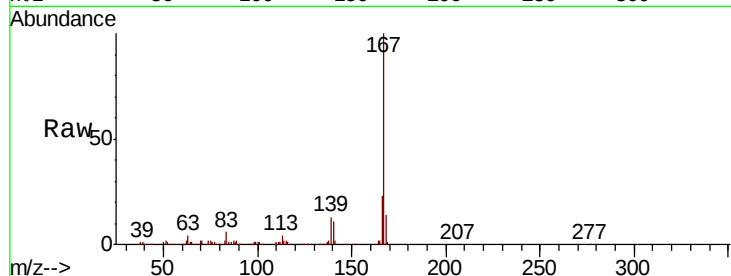
ClientSampleId :

PB123928BS

Tot Ion:	167	Resp:	611710
Ion Ratio	Lower	Upper	
167	100		
166	22.8	18.6	28.0
139	13.1	10.8	16.2

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#74

Di-n-butylphthalate

Concen: 40.145 ng

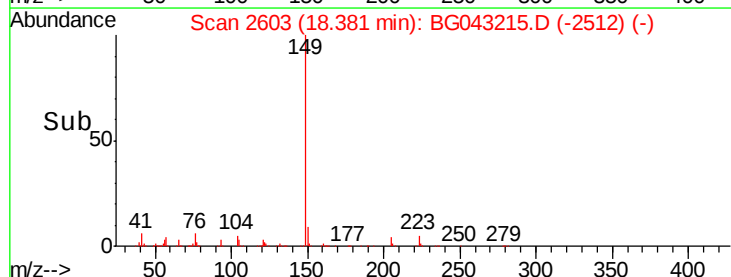
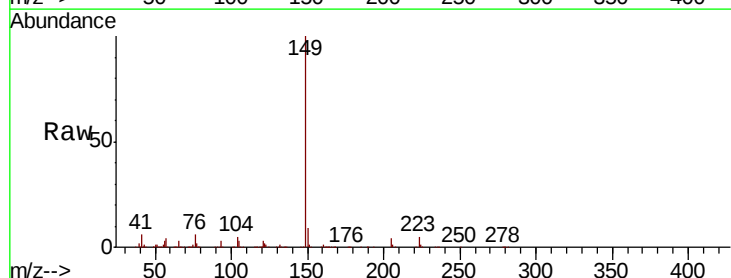
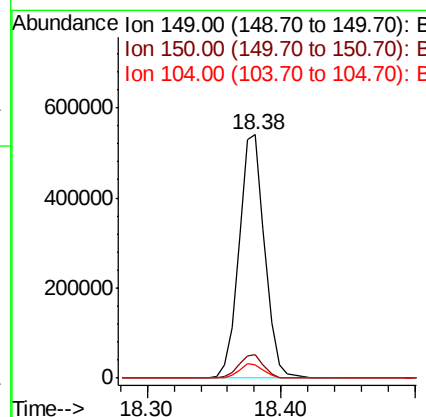
RT: 18.38 min Scan# 2603

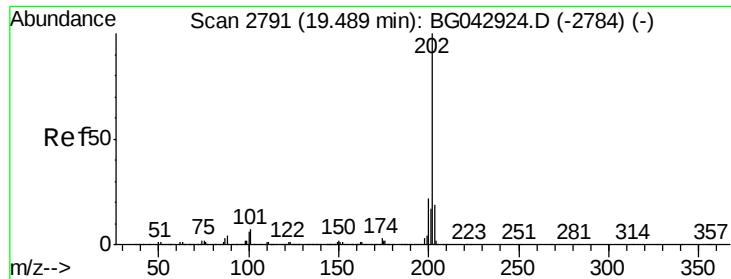
Delta R.T. 0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Tgt Ion:	149	Resp:	718705
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.7	11.5
104	5.2	5.0	7.6





#75

Fluoranthene

Concen: 40.007 ng

RT: 19.47 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Instrument :

BNA_G

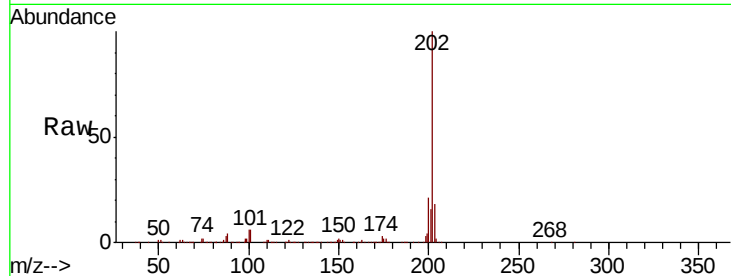
ClientSampleId :

PB123928BS

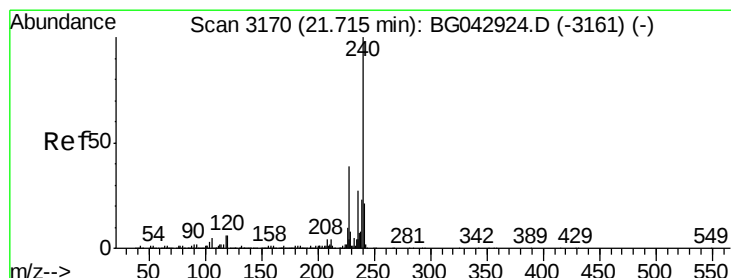
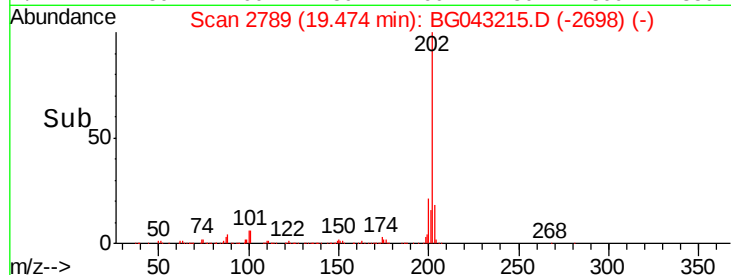
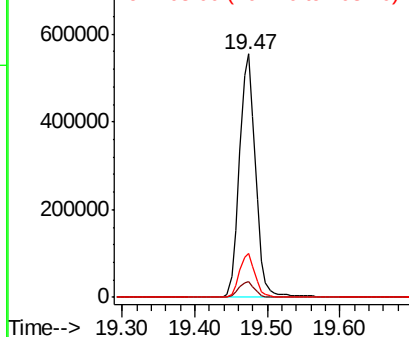
Tot Ion	Ratio	Resp	Lower	Upper
202	100	857678		
101	6.4	0.0	27.3	
203	18.2	0.0	39.5	

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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

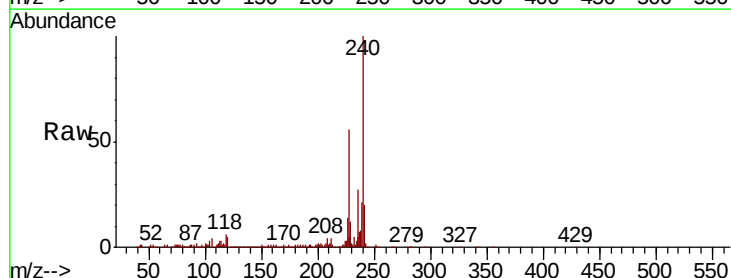
RT: 21.69 min Scan# 3167

Delta R.T. 0.00 min

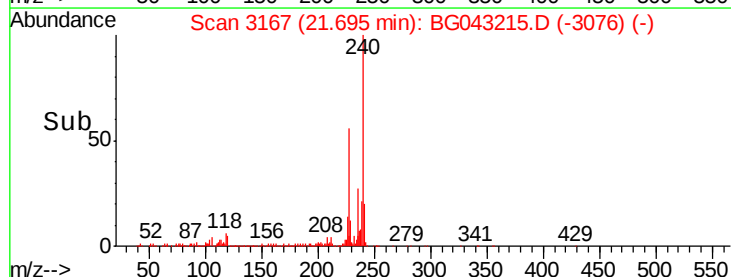
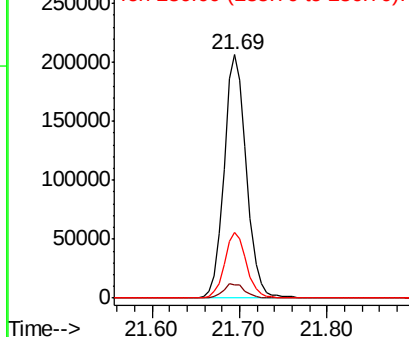
Lab File: BG043215.D

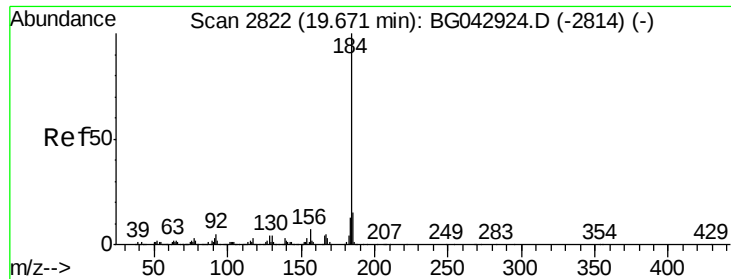
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	360753		
120	5.4	4.8	7.2	
236	27.0	21.4	32.0	



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





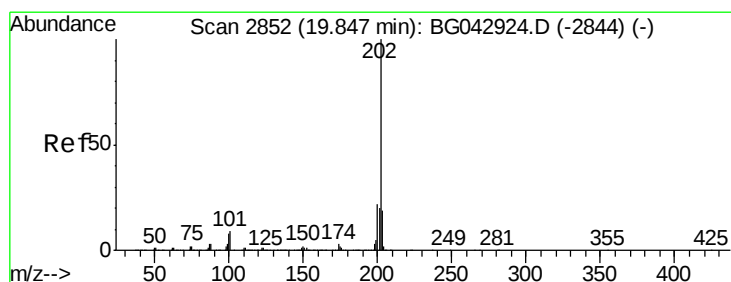
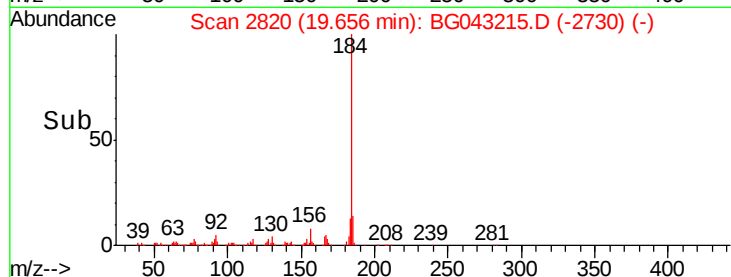
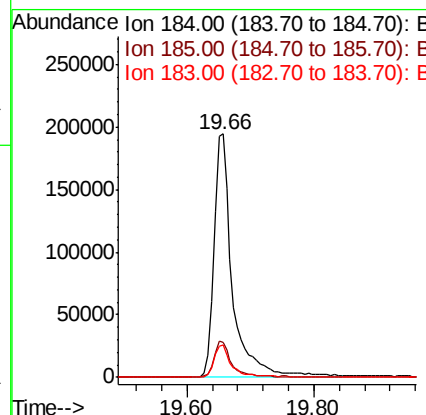
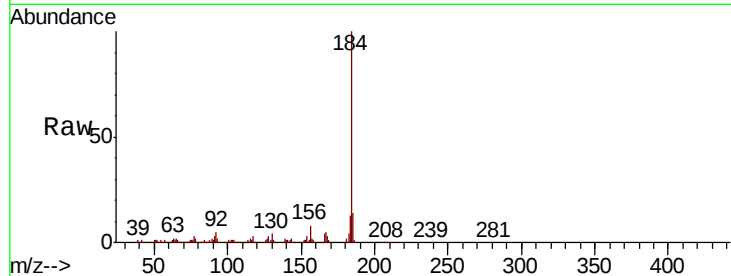
#77
Benzidine
Concen: 44.141 ng
RT: 19.66 min Scan# 2820
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampleId :
PB123928BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	398717		
185	14.3		11.8	17.8
183	13.2		10.1	15.1

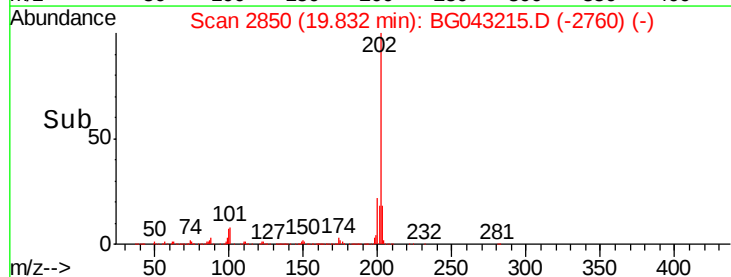
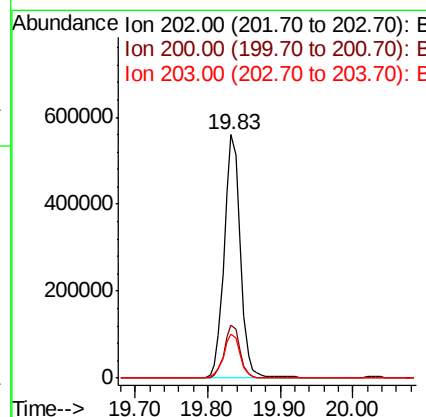
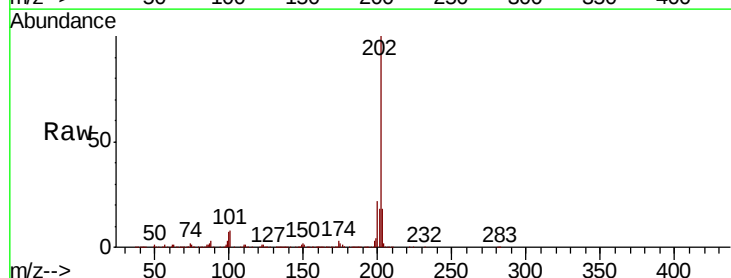
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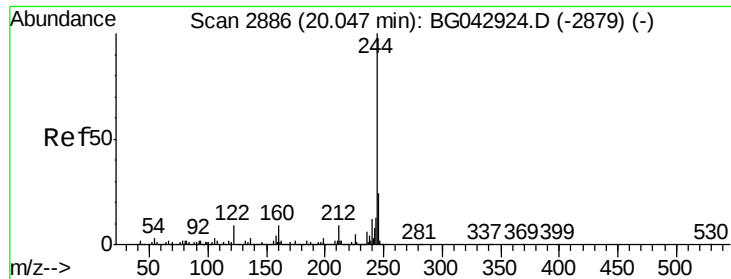
mohammad
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#78
Pyrene
Concen: 40.259 ng
RT: 19.83 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	866863		
200	21.6		17.6	26.4
203	18.2		15.2	22.8





#79

Terphenyl-d14

Concen: 67.797 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Instrument :

BNA_G

ClientSampleId :

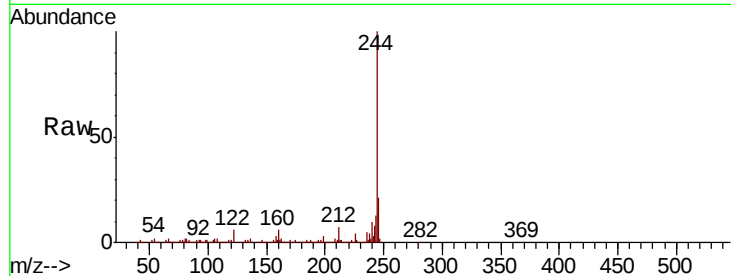
PB123928BS

Tot Ion:244 Resp: 1147793

Ion	Ratio	Lower	Upper
244	100		
212	7.3	7.4	11.0#
122	6.3	7.0	10.4#

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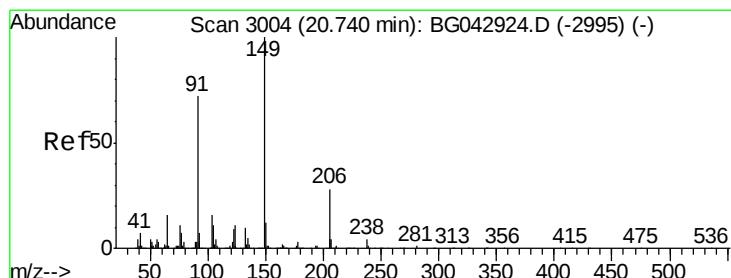
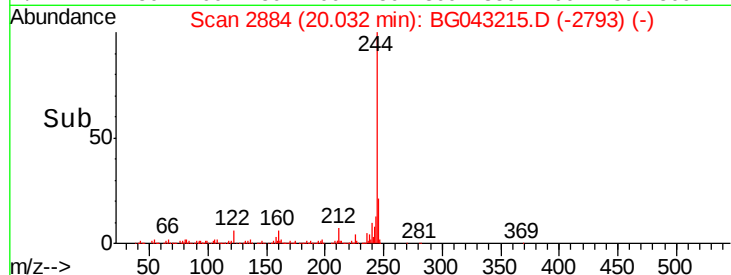
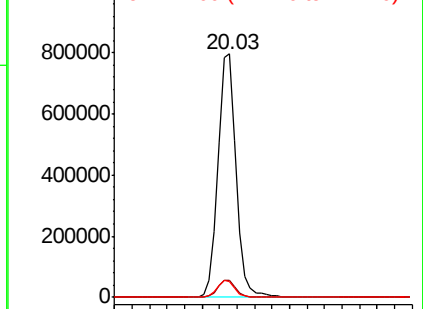
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.583 ng

RT: 20.71 min Scan# 3000

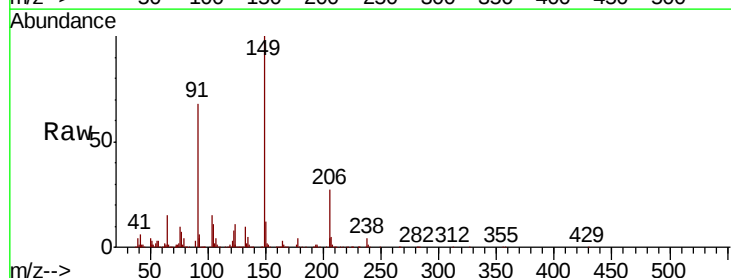
Delta R.T. -0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Tgt Ion:149 Resp: 323514

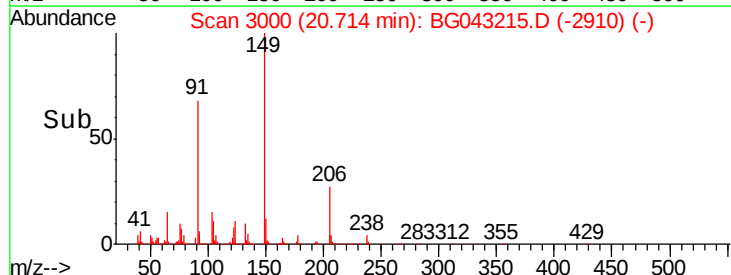
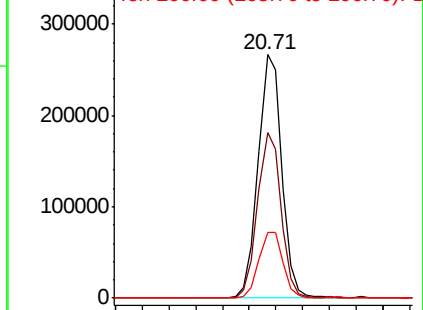
Ion	Ratio	Lower	Upper
149	100		
91	68.2	57.7	86.5
206	27.0	22.6	33.8

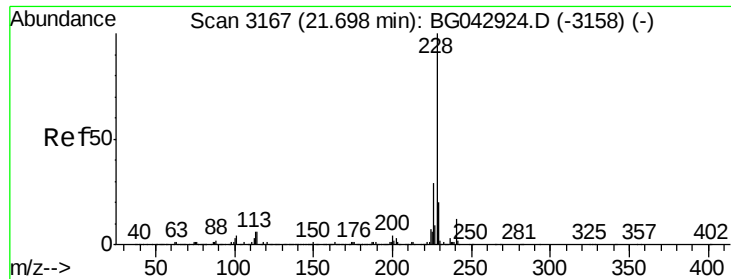


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.571 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Instrument :

BNA_G

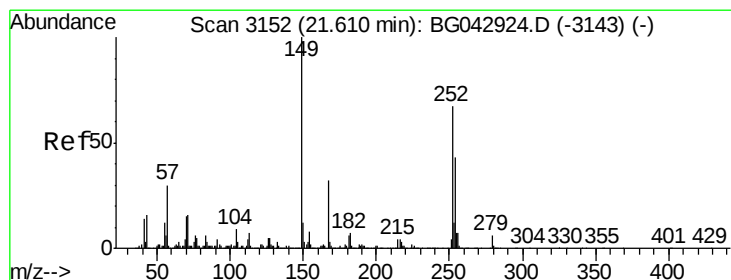
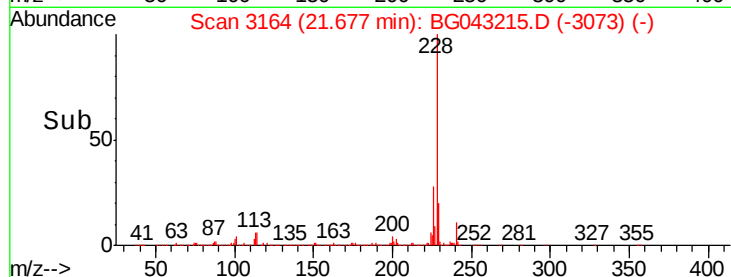
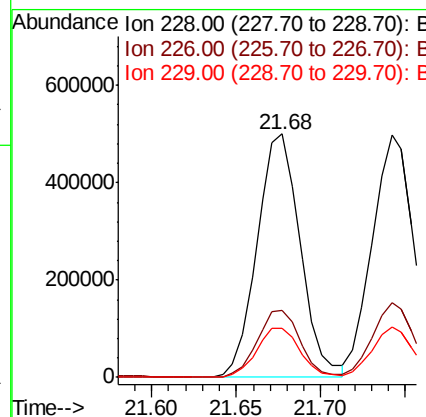
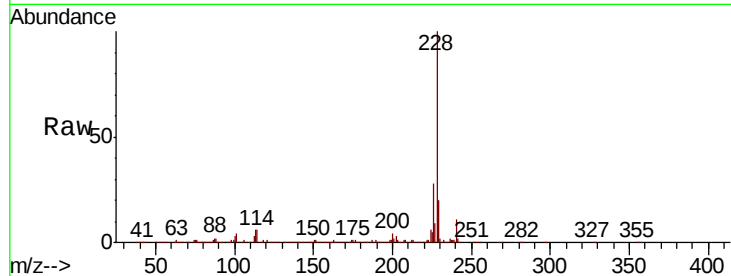
ClientSampleId :

PB123928BS

Tot Ion:	228	Resp:	889478
Ion Ratio	Lower	Upper	
228	100		
226	27.8	23.0	34.4
229	20.2	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 32.502 ng

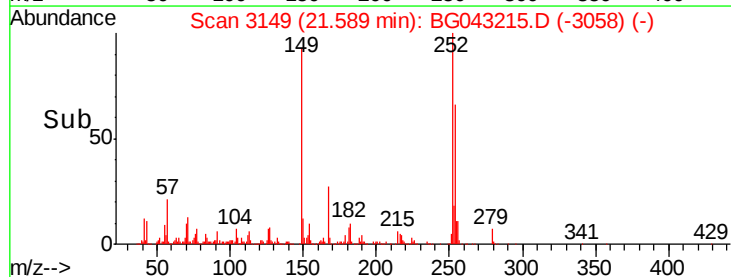
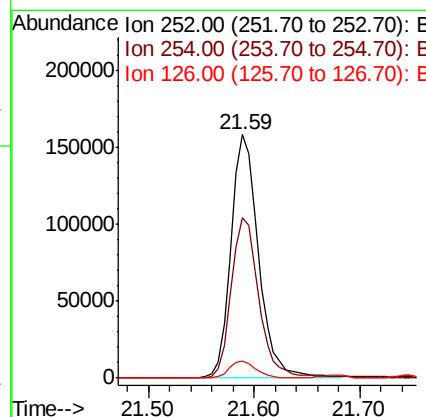
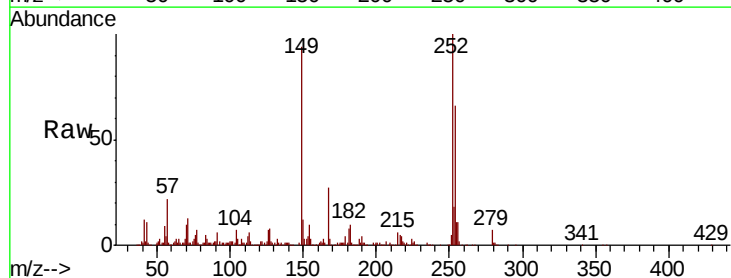
RT: 21.59 min Scan# 3149

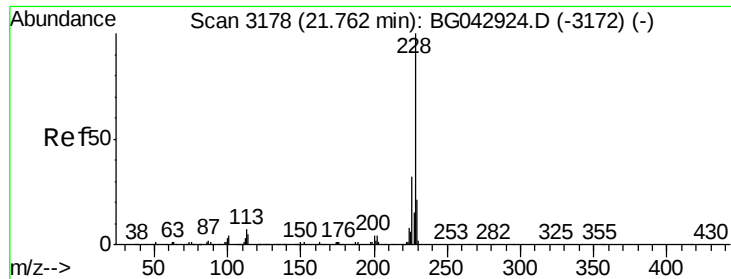
Delta R.T. 0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Tgt Ion:	252	Resp:	286544
Ion Ratio	Lower	Upper	
252	100		
254	65.6	51.9	77.9
126	7.1	6.1	9.1





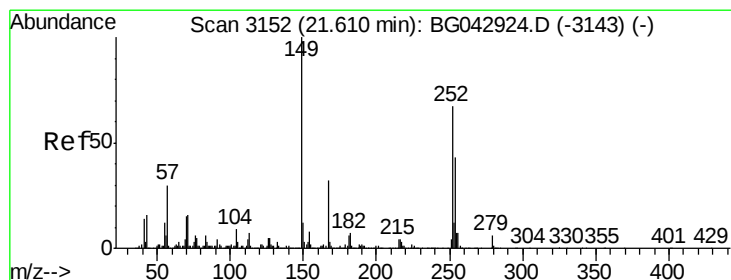
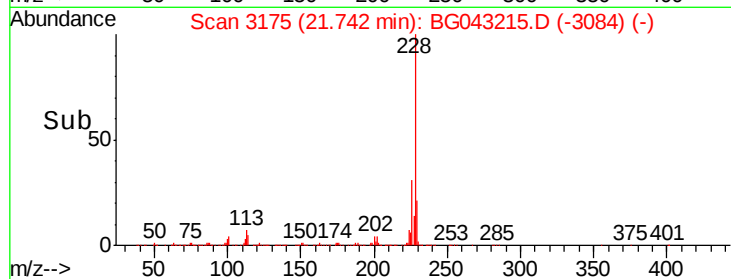
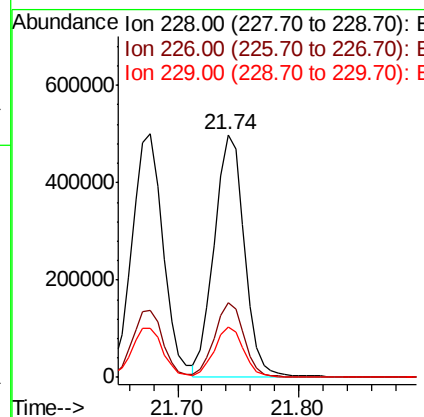
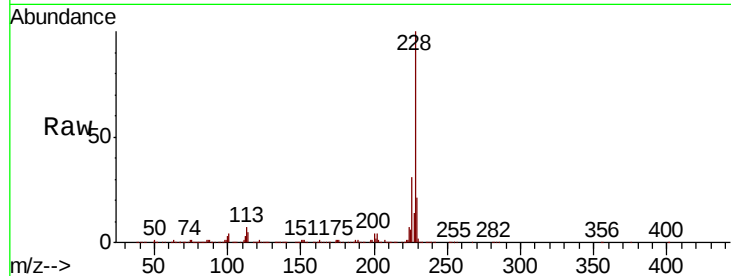
#83
Chrysene
Concen: 39.320 ng
RT: 21.74 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampleId :
PB123928BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.6	38.4
229	20.6	16.9	25.3

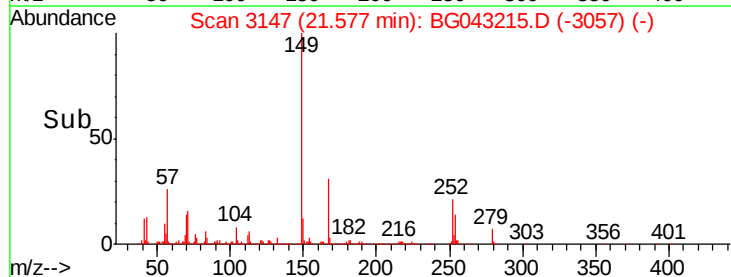
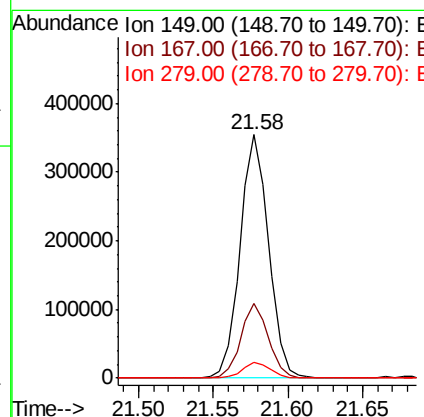
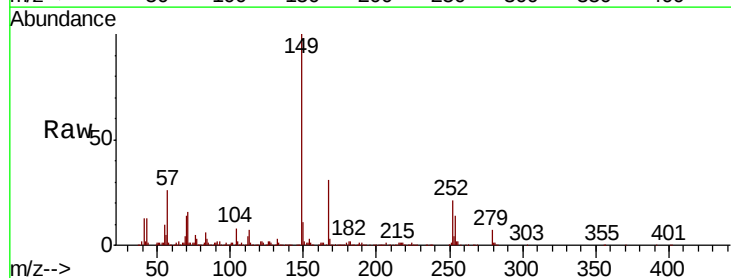
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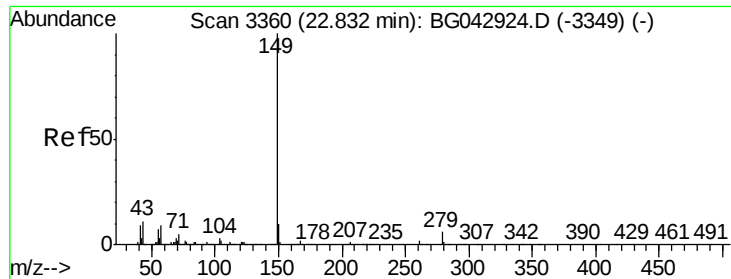
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.440 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.9	25.4	38.2
279	6.5	5.1	7.7





#85

Di-n-octyl phthalate

Concen: 42.156 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Instrument :

BNA_G

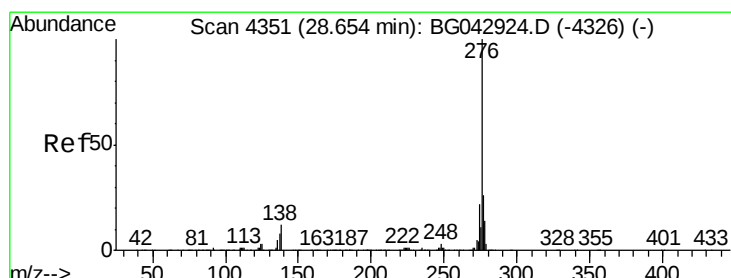
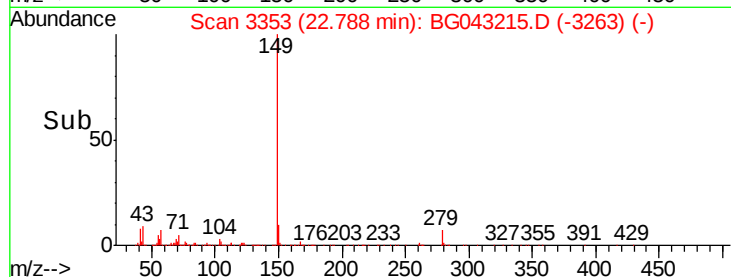
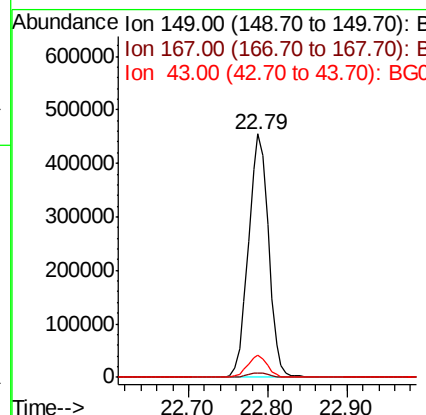
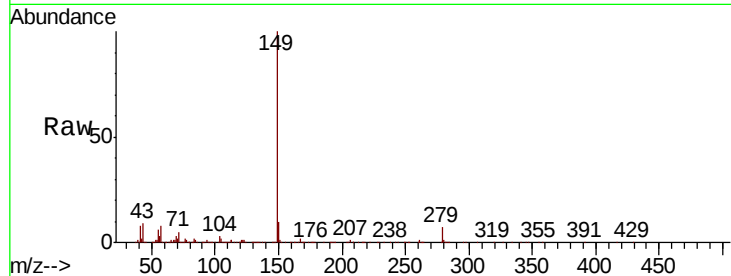
ClientSampleId :

PB123928BS

Tot Ion:	149	Resp:	801688
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	8.8	8.7	13.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 41.802 ng

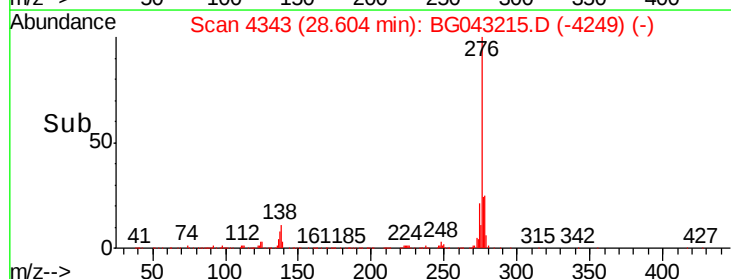
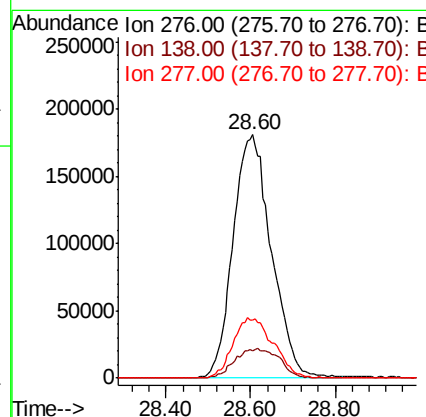
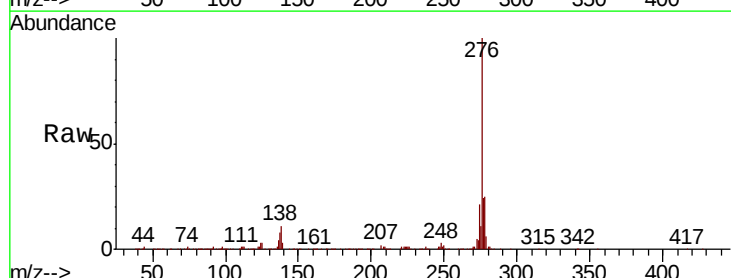
RT: 28.60 min Scan# 4343

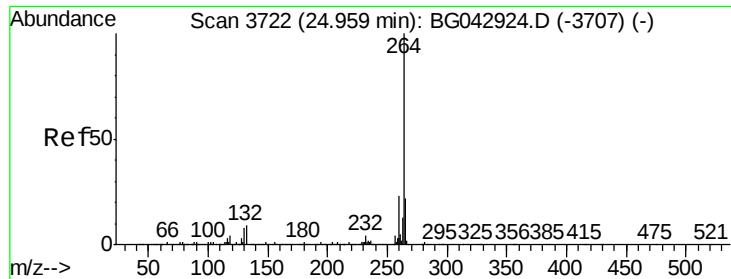
Delta R.T. 0.02 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Tgt Ion:	276	Resp:	1135173
Ion Ratio	Lower	Upper	
276	100		
138	14.2	7.0	10.6#
277	0.0	20.9	31.3#





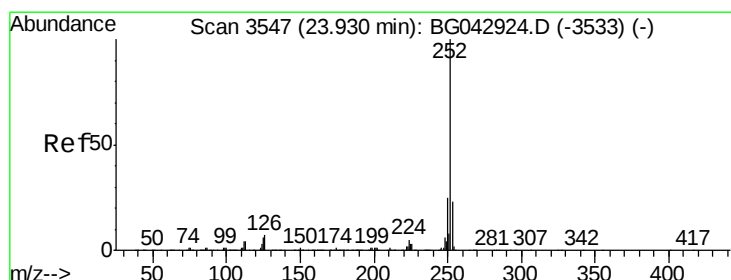
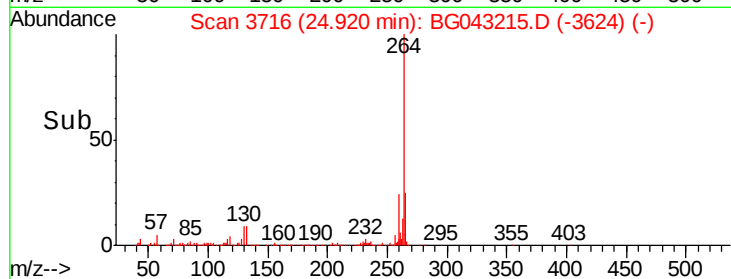
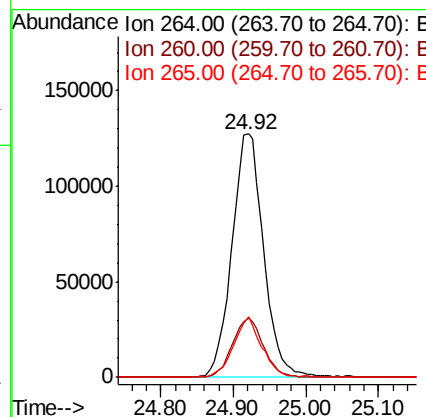
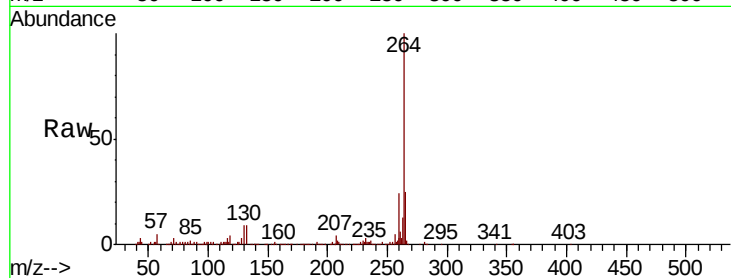
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. 0.01 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampleId :
PB123928BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	24.8	17.7	26.5

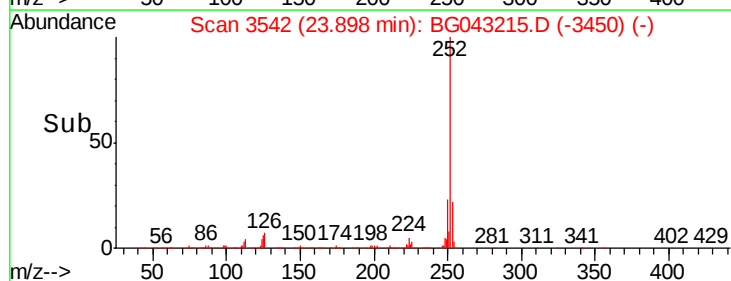
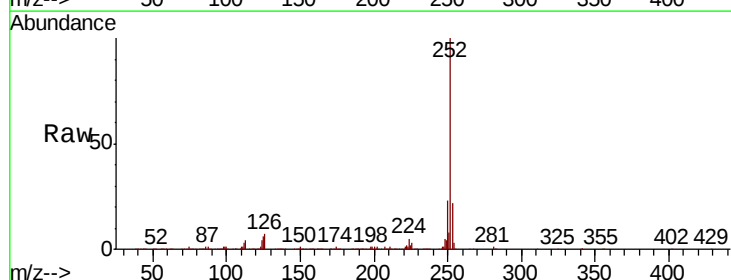
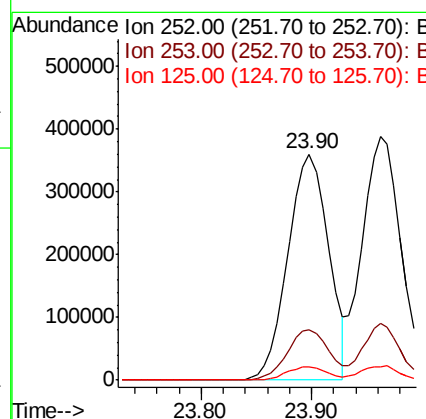
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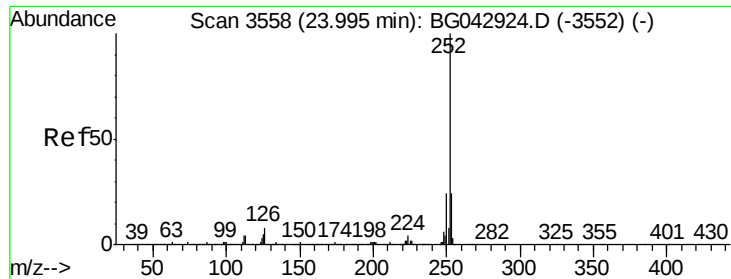
mohammad
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#88
Benzo(b)fluoranthene
Concen: 41.779 ng
RT: 23.90 min Scan# 3542
Delta R.T. 0.01 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	5.6	4.6	7.0





#89

Benzo(k)fluoranthene

Concen: 44.477 ng

RT: 23.96 min Scan# 3553

Delta R.T. 0.00 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Instrument :

BNA_G

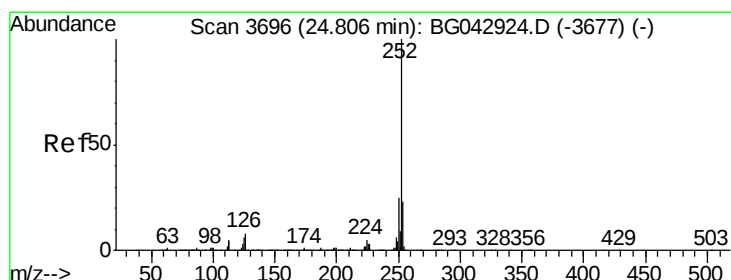
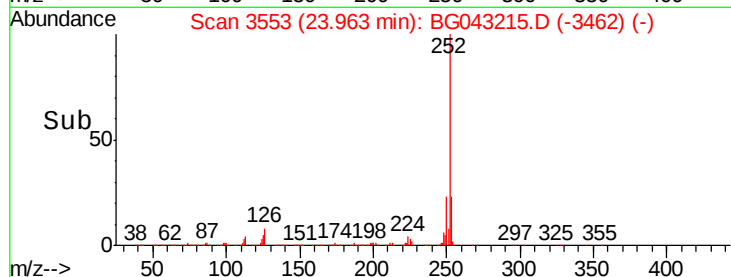
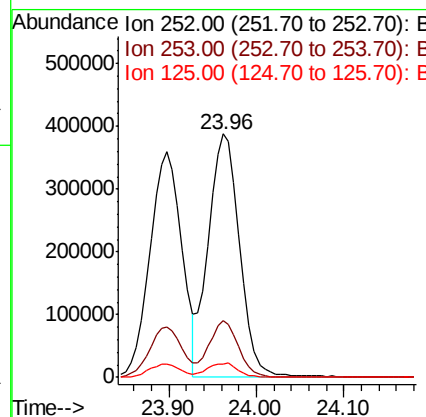
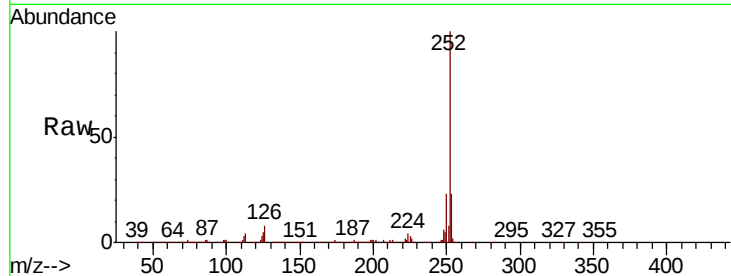
ClientSampleId :

PB123928BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.9	28.3
125	5.4	4.5	6.7

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 42.155 ng

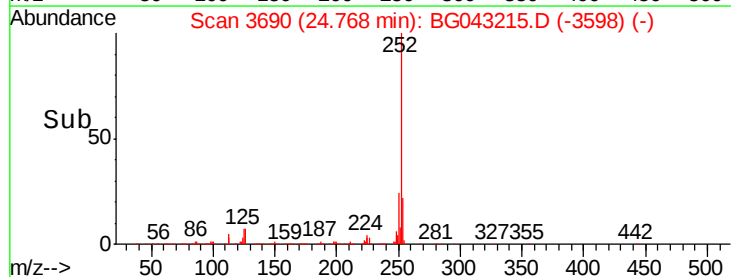
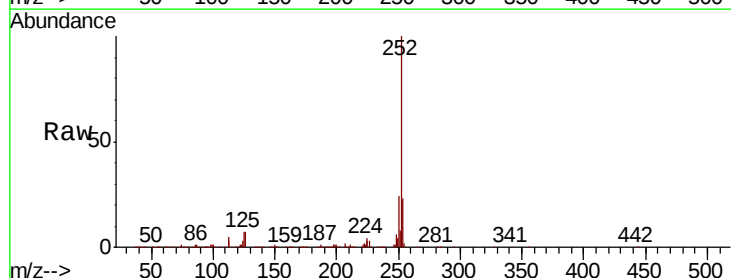
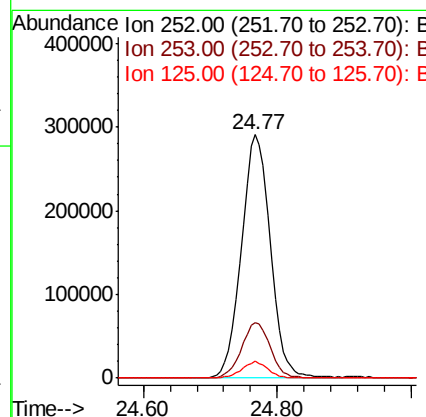
RT: 24.77 min Scan# 3690

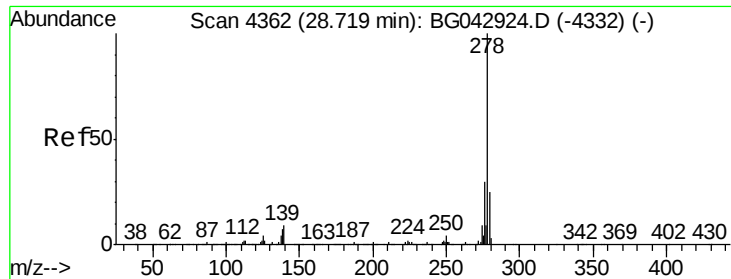
Delta R.T. 0.01 min

Lab File: BG043215.D

Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	6.8	5.0	7.6





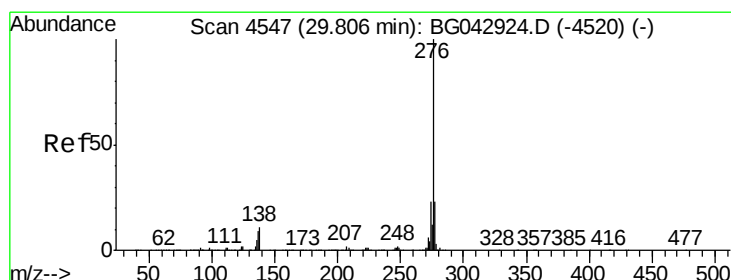
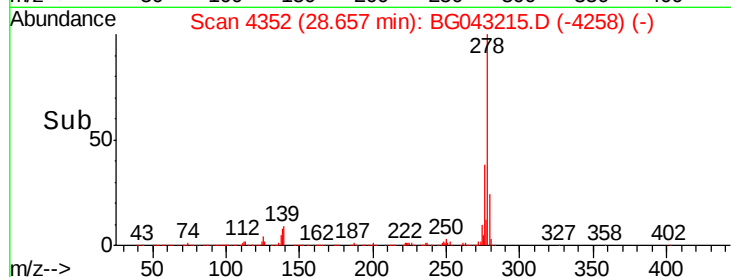
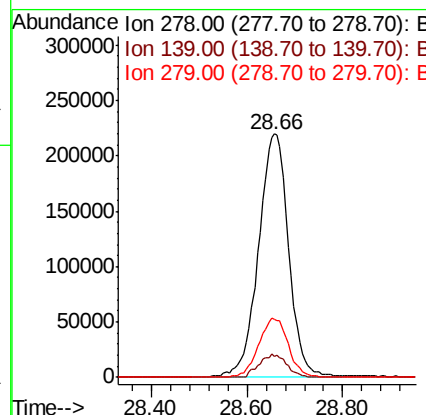
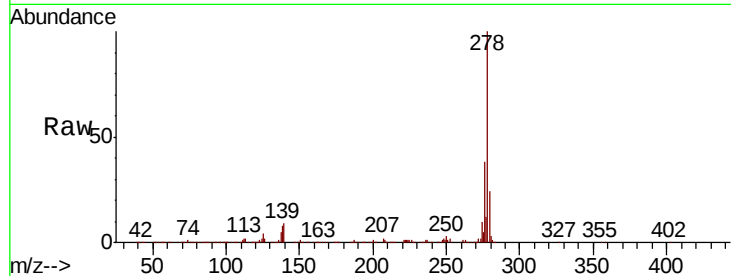
#91
Dibenzo(a,h)anthracene
Concen: 45.222 ng
RT: 28.66 min Scan# 4352
Delta R.T. 0.02 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Instrument :
BNA_G
ClientSampleId :
PB123928BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.6	6.8	10.2
279	23.8	20.1	30.1

Manual Integrations
APPROVED

mohammad
10/17/2019 7:57:19 AM



#92
Benzo(g,h,i)perylene
Concen: 46.221 ng
RT: 29.74 min Scan# 4536
Delta R.T. 0.02 min
Lab File: BG043215.D
Acq: 15 Oct 2019 12:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.4	27.6
138	12.5	8.6	12.8

