

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
 Data File : BG044869.D
 Acq On : 18 Mar 2020 18:32
 Operator : CG/JU
 Sample : PB127635BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127635BS

Manual Integrations
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 3/19/2020 12:34:45 PM

Quant Time: Mar 19 10:24:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	91396	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	349026	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	240211	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	553375	20.00	ng	0.00
76) Chrysene-d12	21.69	240	491273	20.00	ng	-0.01
87) Perylene-d12	24.90	264	544247	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	656942	111.89	ng	0.00
7) Phenol-d6	7.21	99	918723	107.70	ng	0.00
23) Nitrobenzene-d5	9.20	82	515306	64.79	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	382670	121.67	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1096331	65.36	ng	0.00
79) Terphenyl-d14	20.03	244	1735422	66.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	95688	33.844	ng	96
3) Pyridine	3.90	79	231145	27.617	ng	98
4) n-Nitrosodimethylamine	3.82	42	117244	36.920	ng	# 96
6) Aniline	7.37	93	315656	29.738	ng	96
8) 2-Chlorophenol	7.61	128	244451	41.709	ng	96
9) Benzaldehyde	7.18	77	109318	17.463	ng	98
10) Phenol	7.23	94	343995	40.732	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	247766	36.760	ng	100
12) 1,3-Dichlorobenzene	7.93	146	266667	36.935	ng	98
13) 1,4-Dichlorobenzene	8.08	146	267468	37.473	ng	98
14) 1,2-Dichlorobenzene	8.40	146	252204	37.256	ng	98
15) Benzyl Alcohol	8.28	79	260841	38.111	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	364551	30.649	ng	98
17) 2-Methylphenol	8.48	107	235604	41.185	ng	97
18) Hexachloroethane	9.13	117	107809	38.365	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	208862	34.675	ng	98
20) 3+4-Methylphenols	8.81	107	321496	40.768	ng	97
22) Acetophenone	8.86	105	376613	38.088	ng	97
24) Nitrobenzene	9.25	77	321154	38.913	ng	99
25) Isophorone	9.77	82	581559	37.463	ng	99
26) 2-Nitrophenol	9.96	139	138861	48.412	ng	96
27) 2,4-Dimethylphenol	10.01	122	238128	47.105	ng	95
28) bis(2-Chloroethoxy)methane	10.26	93	335962	36.265	ng	100
29) 2,4-Dichlorophenol	10.50	162	258429	43.767	ng	96
30) 1,2,4-Trichlorobenzene	10.71	180	271646	38.475	ng	94
31) Naphthalene	10.90	128	751024	38.844	ng	98
32) Benzoic acid	10.16	122	148887	39.859	ng	95
33) 4-Chloroaniline	11.00	127	194418	22.319	ng	99
34) Hexachlorobutadiene	11.20	225	177492	38.228	ng	94
35) Caprolactam	11.77	113	96094m	42.983	ng	
36) 4-Chloro-3-methylphenol	12.12	107	288958	41.032	ng	98
37) 2-Methylnaphthalene	12.51	142	562477	38.891	ng	98
38) 1-Methylnaphthalene	12.72	142	529015m	38.907	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	302017	38.177	ng	98

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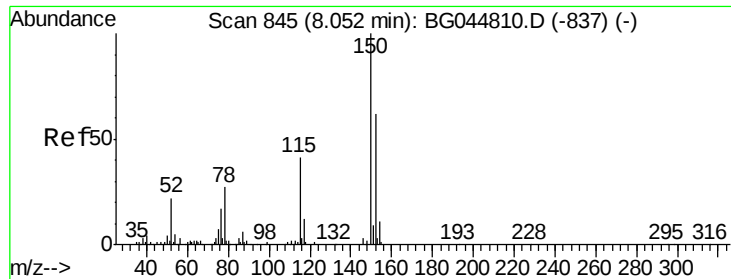
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
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 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	412829	95.488	nq	99
43) 2,4,6-Trichlorophenol	13.11	196	225048	42.866	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	231955	42.602	nq	97
46) 1,1'-Biphenyl	13.51	154	704518	36.702	nq	99
47) 2-Chloronaphthalene	13.55	162	539080	36.762	nq	97
48) 2-Nitroaniline	13.75	65	201350	39.221	nq	98
49) Acenaphthylene	14.40	152	896430	39.021	nq	98
50) Dimethylphthalate	14.13	163	724508	37.869	nq	98
51) 2,6-Dinitrotoluene	14.24	165	168914	43.801	nq	97
52) Acenaphthene	14.74	154	659090	43.807	nq	99
53) 3-Nitroaniline	14.57	138	126937	28.630	nq	90
54) 2,4-Dinitrophenol	14.77	184	201692	97.998	nq	93
55) Dibenzofuran	15.07	168	859702	39.404	nq	98
56) 4-Nitrophenol	14.88	139	301921	89.228	nq	94
57) 2,4-Dinitrotoluene	15.03	165	236388	44.695	nq	# 98
58) Fluorene	15.73	166	693417	38.636	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.30	232	223594	44.605	nq	93
60) Diethylphthalate	15.50	149	746551	37.413	nq	99
61) 4-Chlorophenyl-phenylether	15.72	204	382808	39.612	nq	100
62) 4-Nitroaniline	15.73	138	172659	36.521	nq	98
63) Azobenzene	16.01	77	741119	35.766	nq	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	139556	52.691	nq	97
66) n-Nitrosodiphenylamine	15.93	169	633772	38.041	nq	98
67) 4-Bromophenyl-phenylether	16.61	248	262392	37.929	nq	98
68) Hexachlorobenzene	16.74	284	286270	38.143	nq	98
69) Atrazine	16.88	200	270078	44.246	nq	98
70) Pentachlorophenol	17.07	266	360505	87.300	nq	99
71) Phenanthrene	17.46	178	1122087	37.945	nq	99
72) Anthracene	17.55	178	1140162	39.101	nq	99
73) Carbazole	17.82	167	1069501	38.184	nq	98
74) Di-n-butylphthalate	18.39	149	1284103	37.714	nq	99
75) Fluoranthene	19.47	202	1406971	39.960	nq	100
77) Benzidine	19.64	184	564606	35.401	nq	98
78) Pyrene	19.83	202	1408935	39.090	nq	100
80) Butylbenzylphthalate	20.72	149	606627	37.832	nq	99
81) Benzo(a)anthracene	21.67	228	1383991	39.123	nq	99
82) 3,3'-Dichlorobenzidine	21.58	252	453628	33.147	nq	98
83) Chrysene	21.74	228	1310138	38.771	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	837914	37.863	nq	99
85) Di-n-octyl phthalate	22.81	149	1432241	38.675	nq	99
86) Indeno(1,2,3-cd)pyrene	28.53	276	1727604	38.997	nq	# 98
88) Benzo(b)fluoranthene	23.88	252	1483134	41.279	nq	99
89) Benzo(k)fluoranthene	23.95	252	1393781	40.991	nq	98
90) Benzo(a)pyrene	24.75	252	1340874	39.883	nq	96
91) Dibenzo(a,h)anthracene	28.61	278	1401579	42.257	nq	98
92) Benzo(g,h,i)perylene	29.68	276	1441532	43.017	nq	97

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



#1

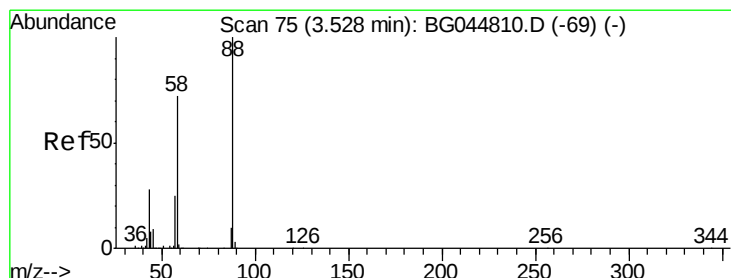
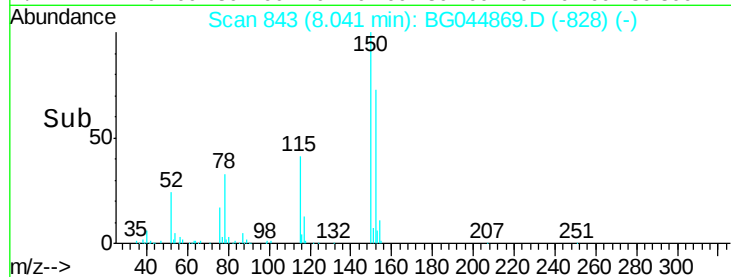
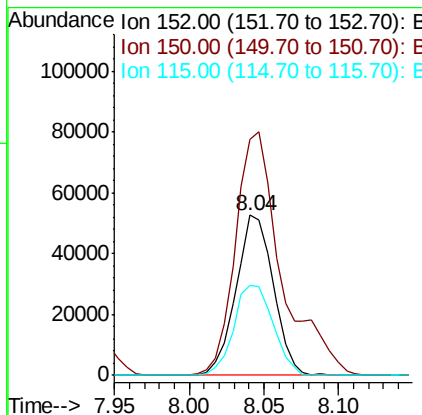
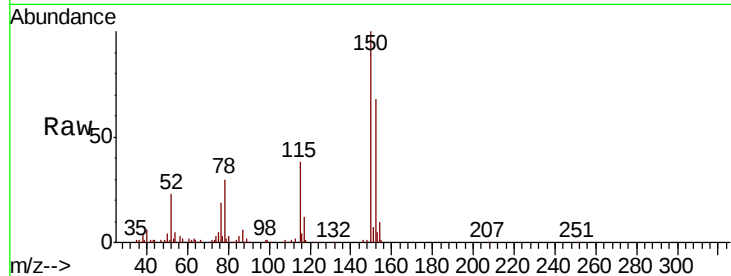
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Instrument :
BNA_G
ClientSampleId :
PB127635BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.3	128.8	193.2
115	56.6	52.6	79.0

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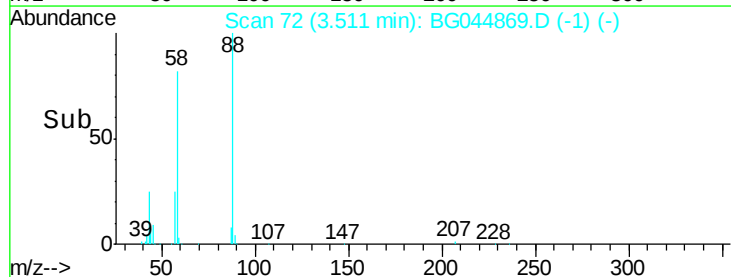
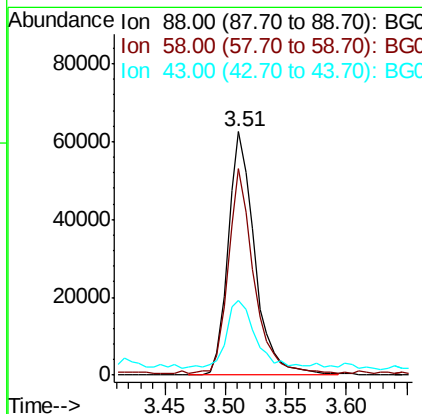
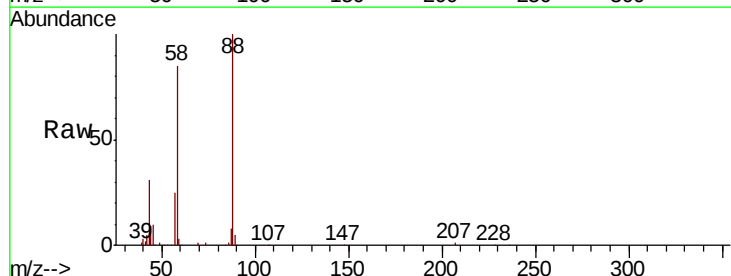
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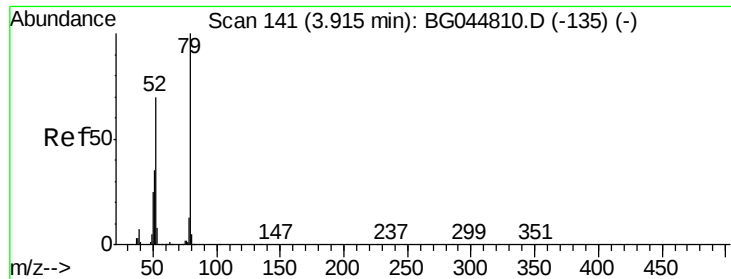


#2

1,4-Dioxane
Concen: 33.844 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.02 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.0	63.0	94.4
43	27.8	24.8	37.2





#3

Pvridine

Concen: 27.617 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

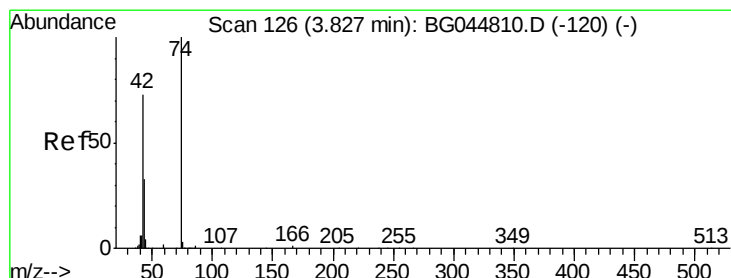
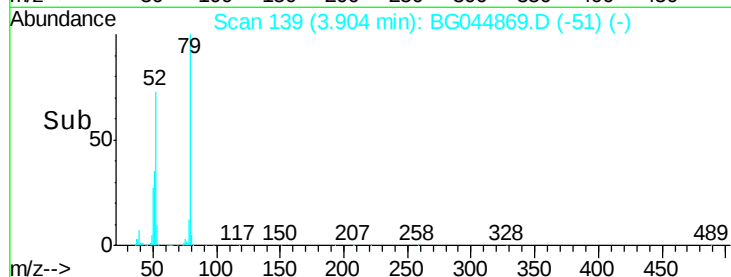
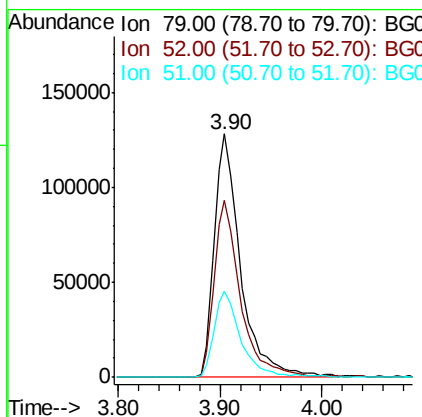
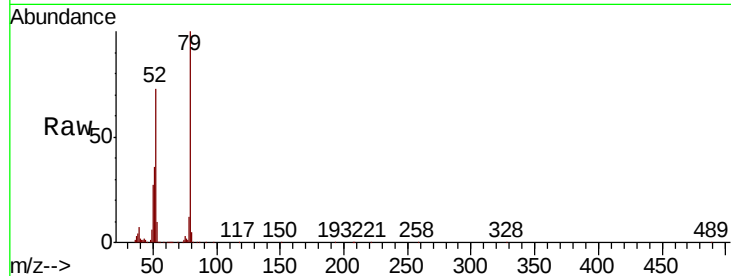
ClientSampleId :

PB127635BS

Tot Ion:	79	Resp:	231145
Ion	Ratio	Lower	Upper
79	100		
52	72.5	56.3	84.5
51	35.6	28.1	42.1

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#4

n-Nitrosodimethylamine

Concen: 36.920 ng

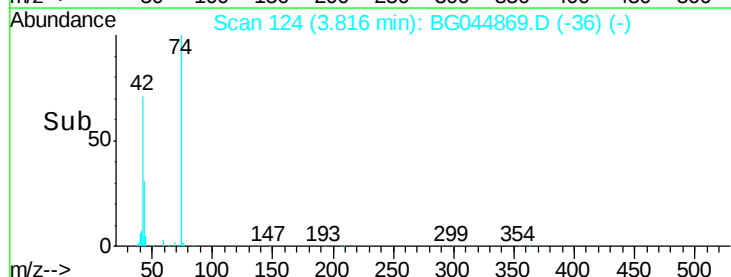
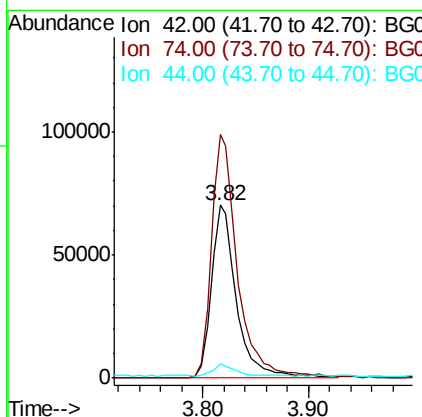
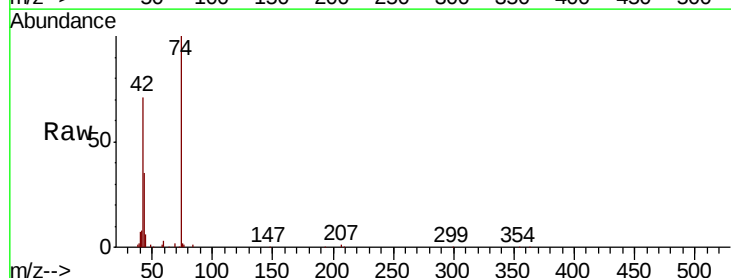
RT: 3.82 min Scan# 124

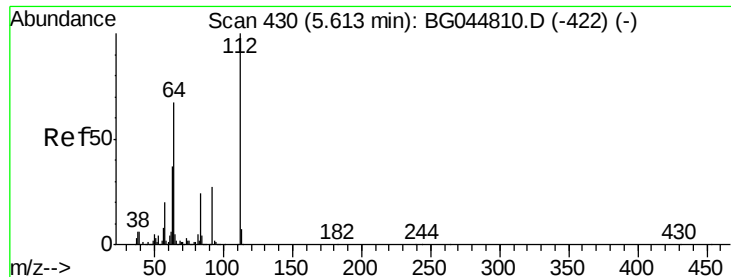
Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Tgt Ion:	42	Resp:	117244
Ion	Ratio	Lower	Upper
42	100		
74	141.0	109.1	163.7
44	8.5	5.4	8.2#





#5

2-Fluorophenol

Concen: 111.893 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

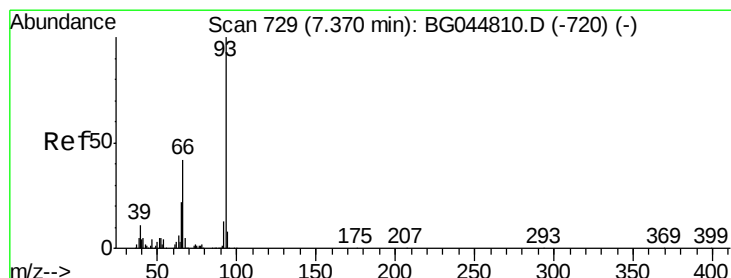
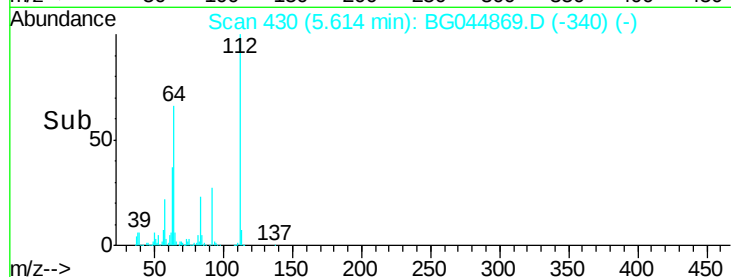
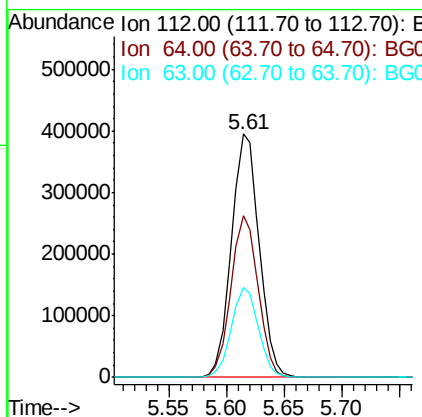
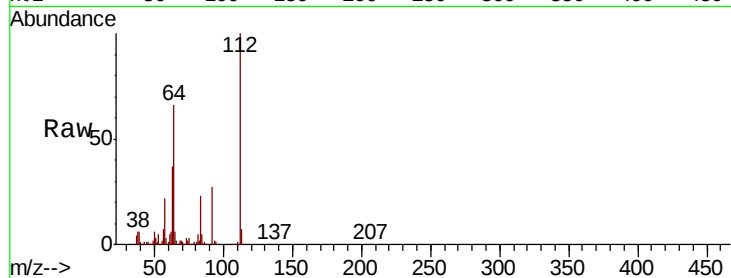
ClientSampleId :

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Tot Ion:	112	Resp:	656942
Ion Ratio	Lower	Upper	
112	100		
64	66.4	53.4	80.2
63	36.9	29.4	44.2

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#6

Aniline

Concen: 29.738 ng

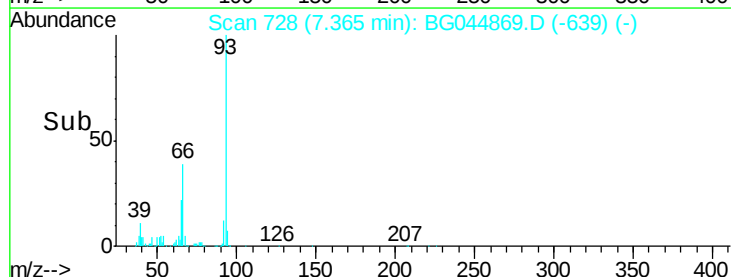
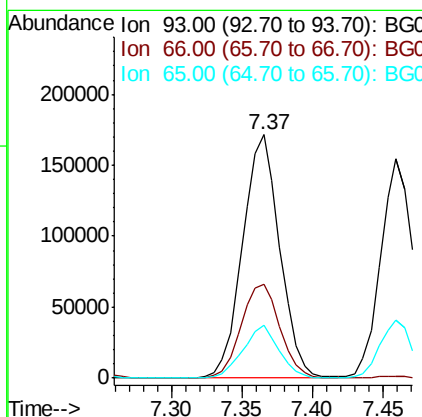
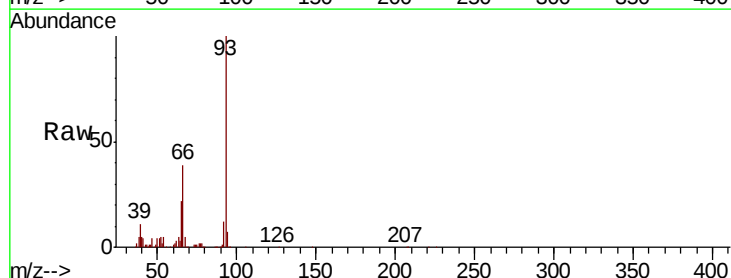
RT: 7.37 min Scan# 728

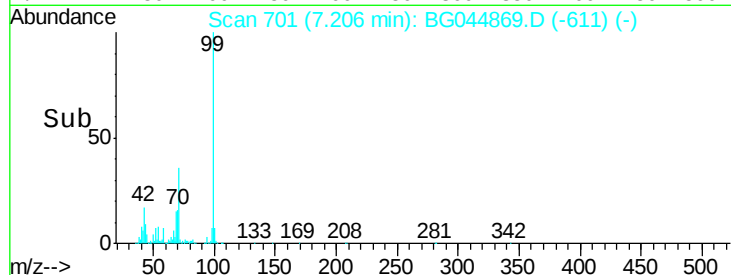
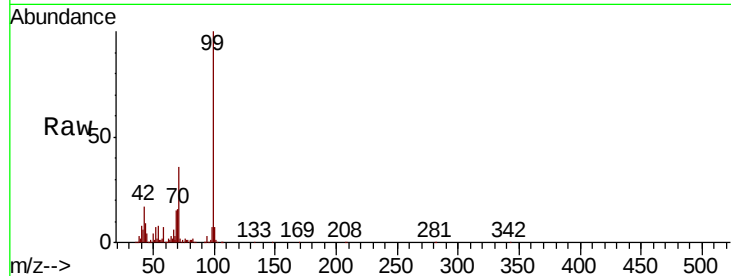
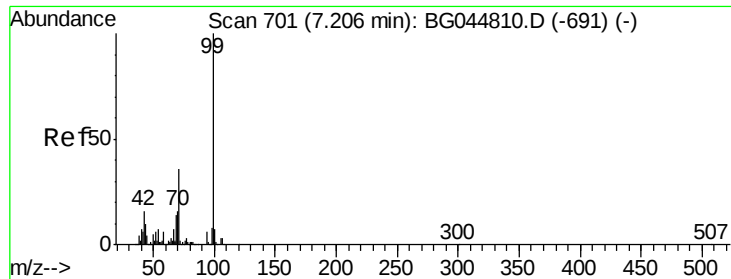
Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Tgt Ion:	93	Resp:	315656
Ion Ratio	Lower	Upper	
93	100		
66	38.8	33.7	50.5
65	21.8	17.7	26.5





#7

Phenol-d6

Concen: 107.700 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Tot Ion:	99	Resp:	918723
Ion Ratio	Lower	Upper	
99	100		
42	16.8	12.6	19.0
71	36.4	29.0	43.4

Instrument :

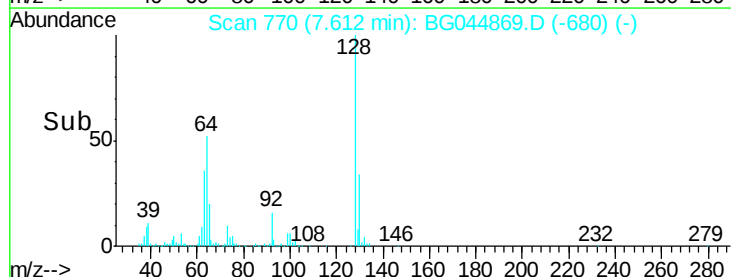
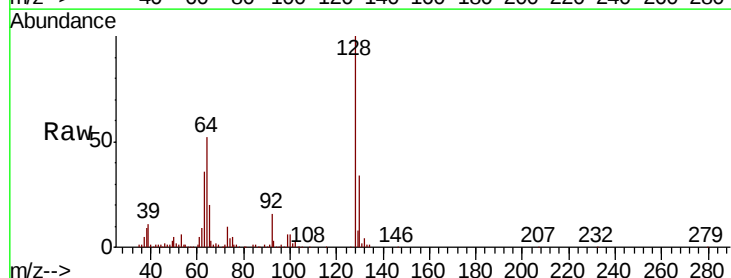
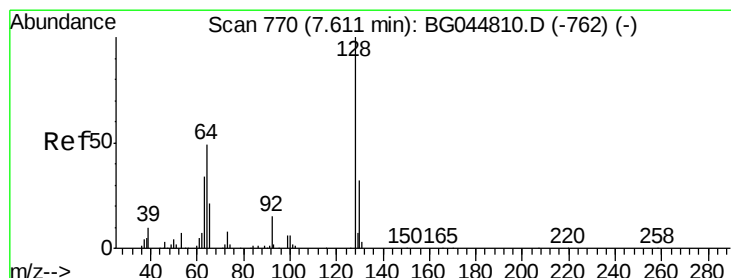
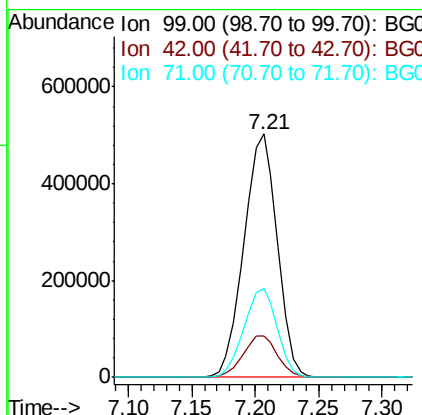
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#8

2-Chlorophenol

Concen: 41.709 ng

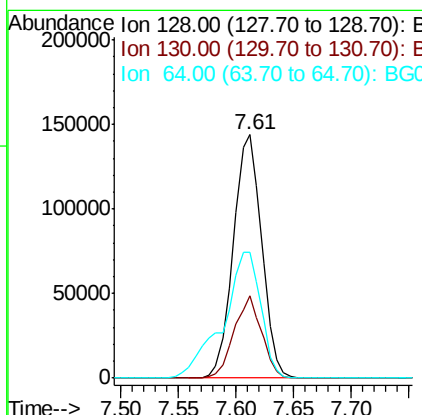
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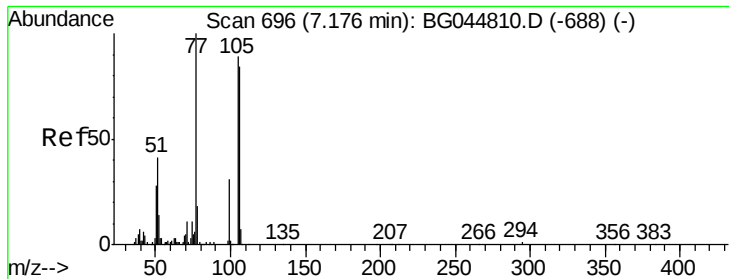
Delta R.T. 0.00 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Tgt Ion:	128	Resp:	244451
Ion Ratio	Lower	Upper	
128	100		
130	33.8	11.6	51.6
64	51.6	34.5	74.5





#9

Benzaldehyde

Concen: 17.463 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

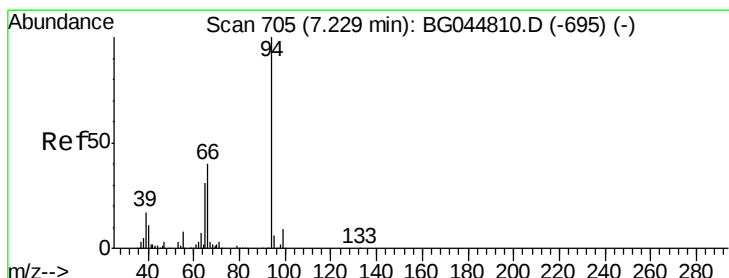
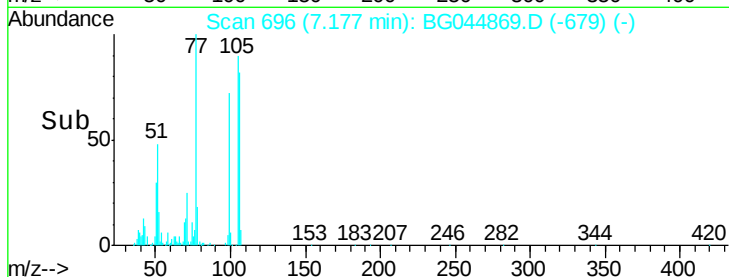
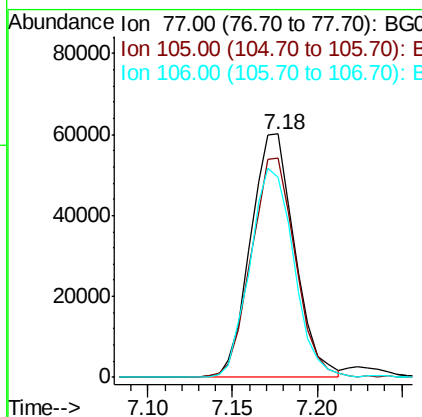
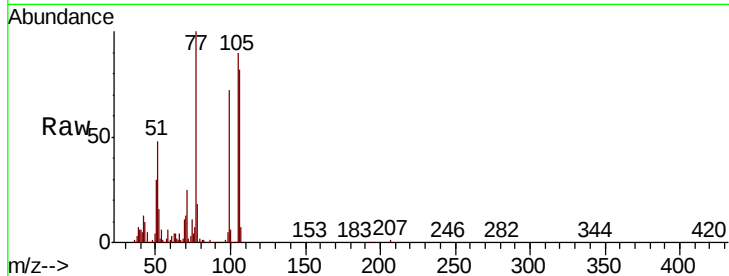
ClientSampleId :

PB127635BS

Tot Ion:	77	Resp:	109318
Ion	Ratio	Lower	Upper
77	100		
105	90.2	69.3	109.3
106	82.3	64.5	104.5

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#10

Phenol

Concen: 40.732 ng

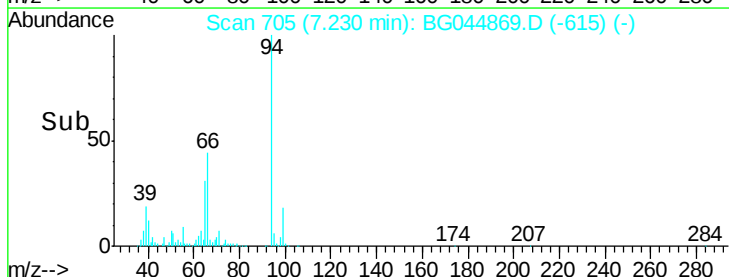
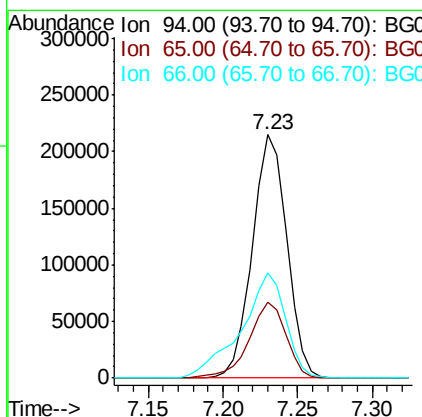
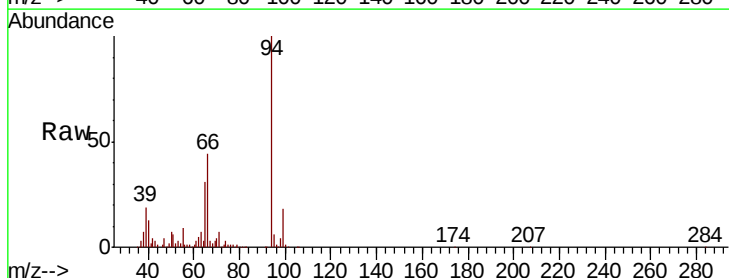
RT: 7.23 min Scan# 705

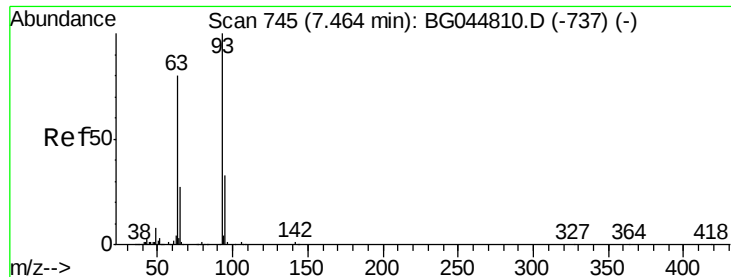
Delta R.T. 0.00 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Tgt Ion:	94	Resp:	343995
Ion	Ratio	Lower	Upper
94	100		
65	31.2	11.0	51.0
66	43.5	20.1	60.1





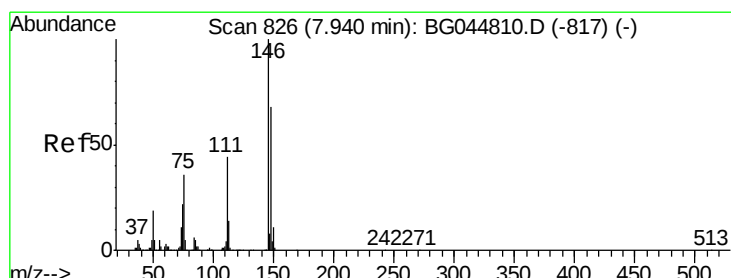
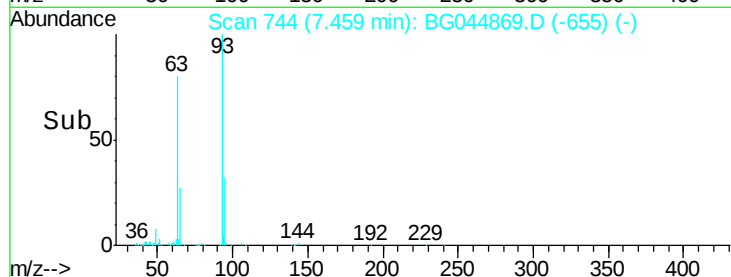
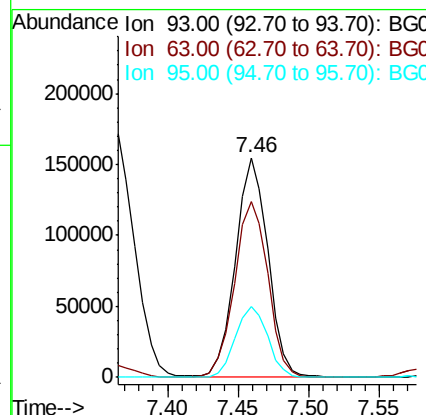
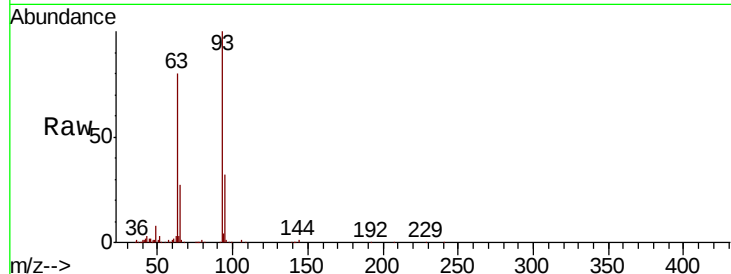
#11
bis(2-Chloroethyl)ether
Concen: 36.760 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Instrument :
BNA_G
ClientSampleId :
PB127635BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	247766		
63	79.7	59.7	99.7	
95	32.3	13.1	53.1	

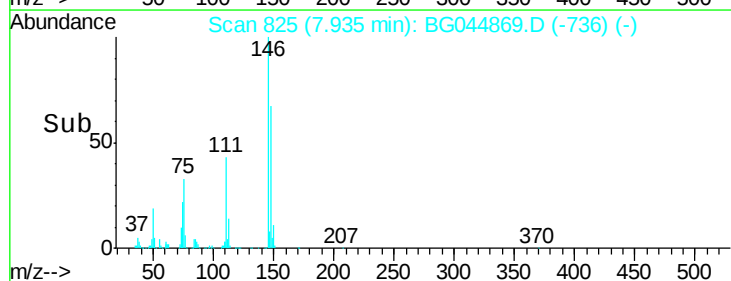
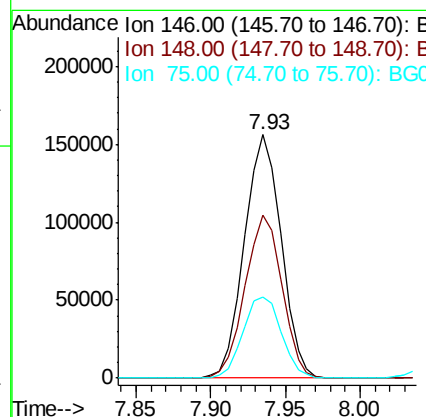
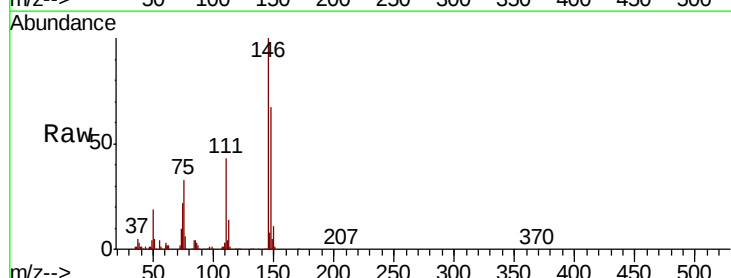
Manual Integrations
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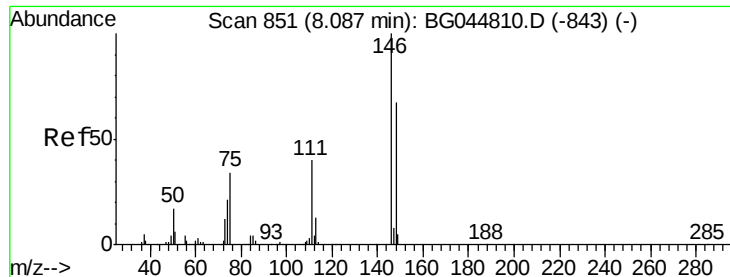
mohammad
3/19/2020 12:34:45 PM



#12
1,3-Dichlorobenzene
Concen: 36.935 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	266667		
148	67.1	54.2	81.4	
75	33.3	28.6	42.8	





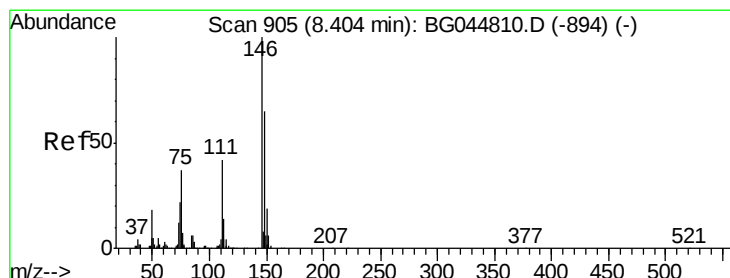
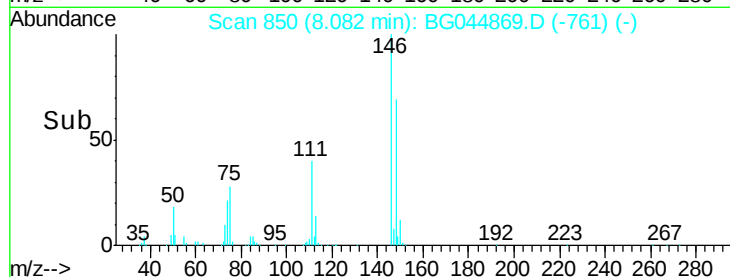
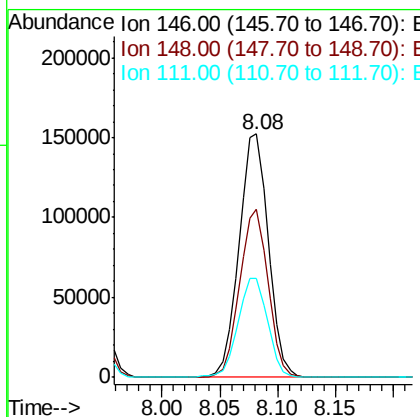
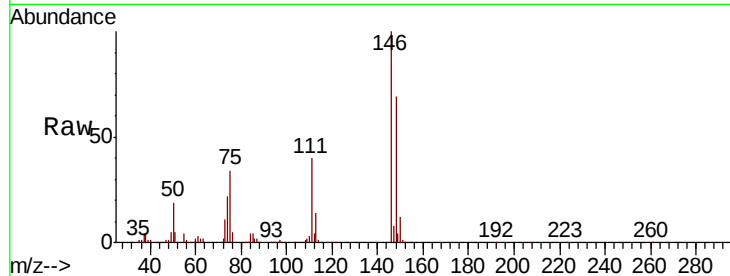
#13
 1,4-Dichlorobenzene
 Concen: 37.473 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

Instrument :
 BNA_G
 ClientSampleId :
 PB127635BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.8	53.8	80.6
111	40.5	32.0	48.0

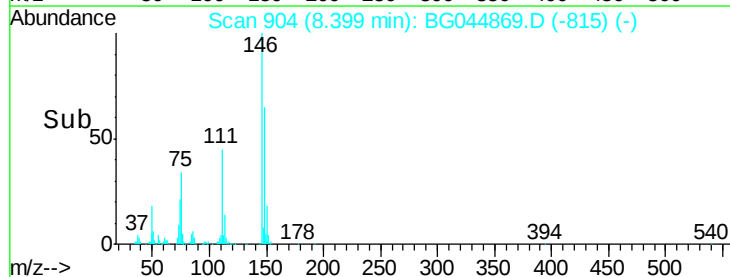
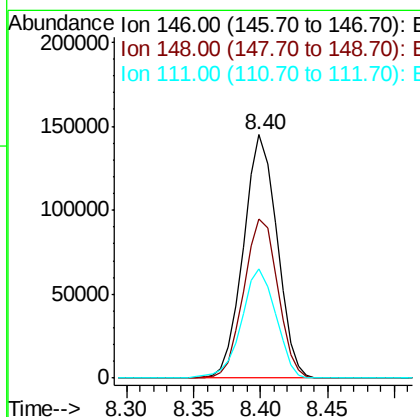
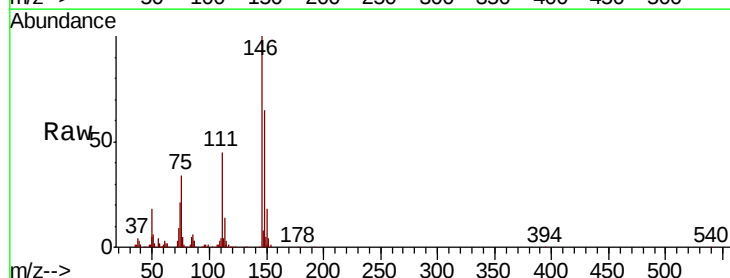
Manual Integrations
 APPROVED

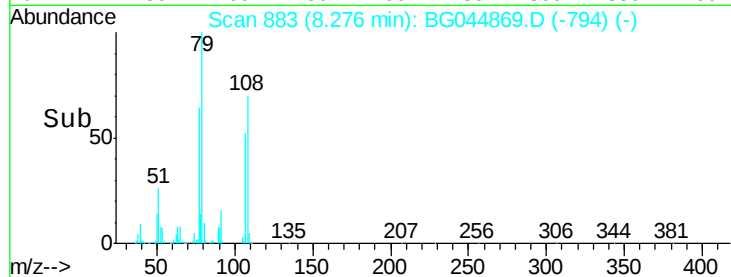
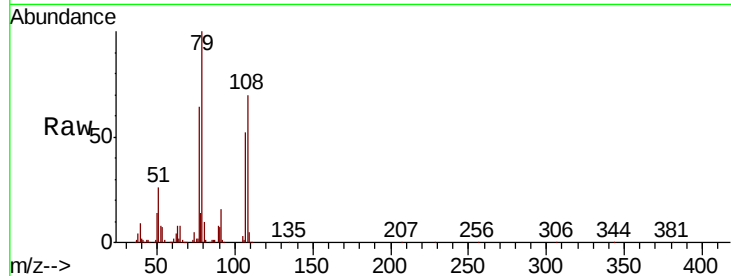
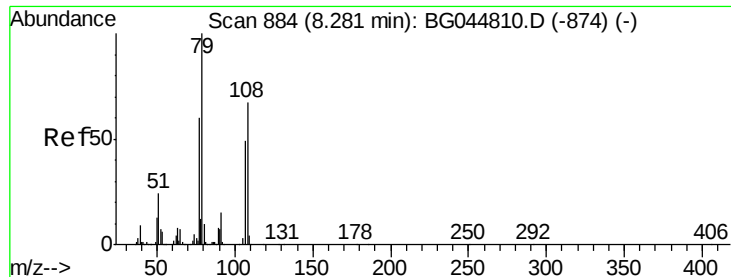
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 37.256 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.1	78.1
111	45.0	33.4	50.2





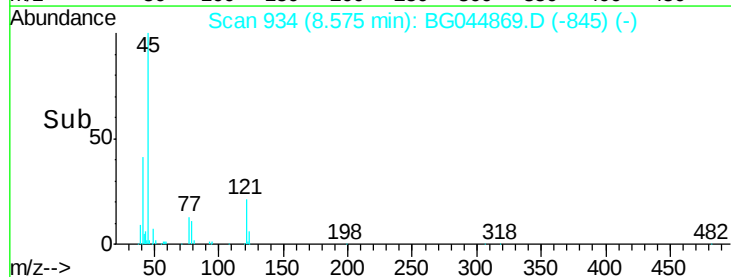
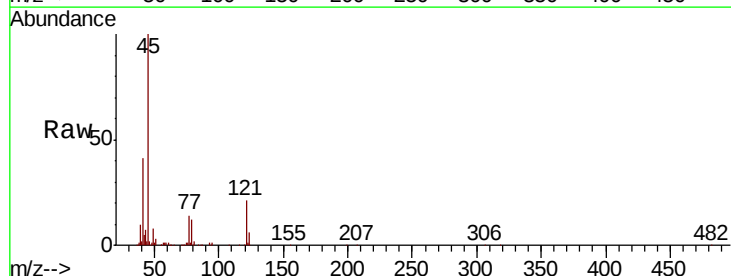
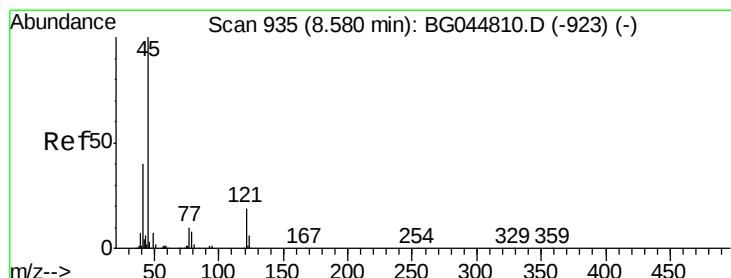
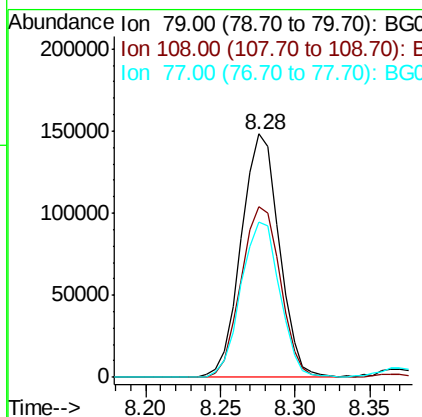
#15
Benzyl Alcohol
Concen: 38.111 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.1	53.8	80.8
77	63.7	47.8	71.8

Instrument :
BNA_G
ClientSampleId :
PB127635BS

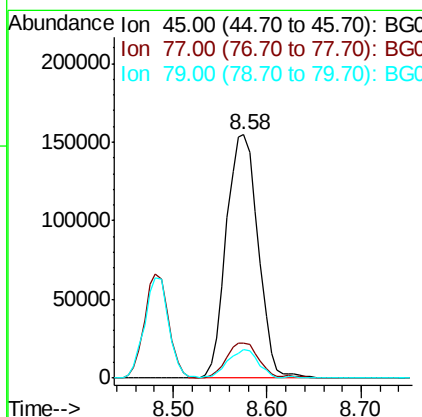
Manual Integrations
APPROVED

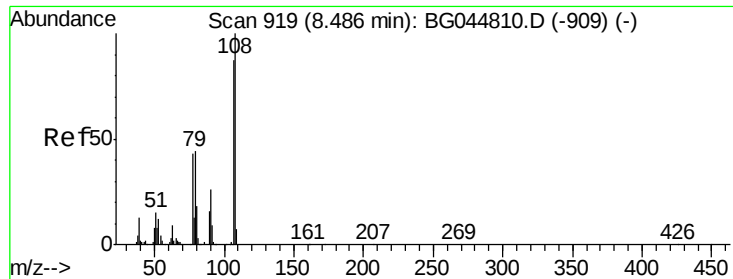
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.649 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	33.9
79	11.9	0.0	30.8





#17

2-Methylphenol

Concen: 41.185 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

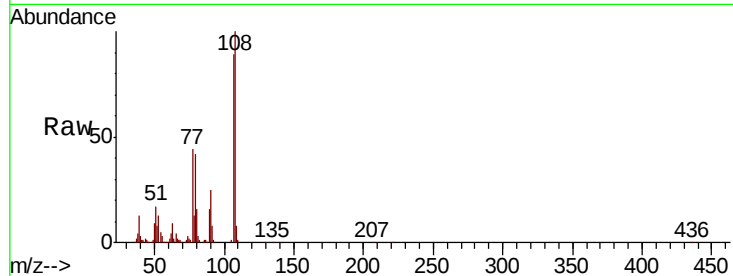
ClientSampleId :

PB127635BS

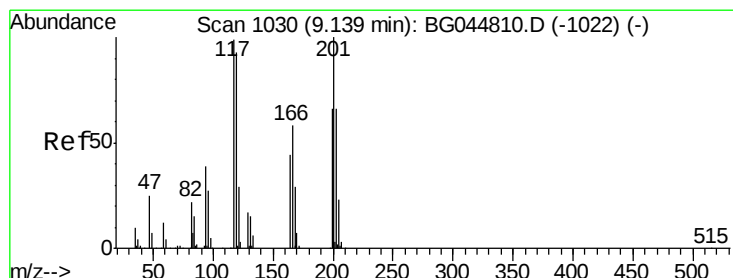
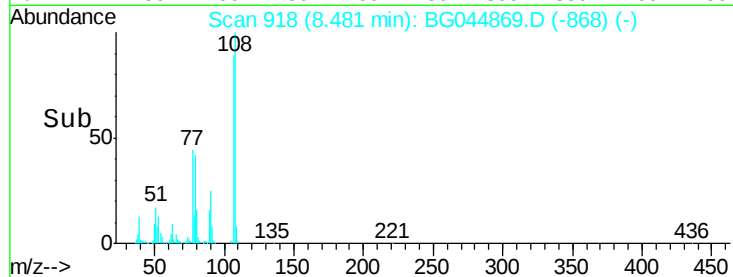
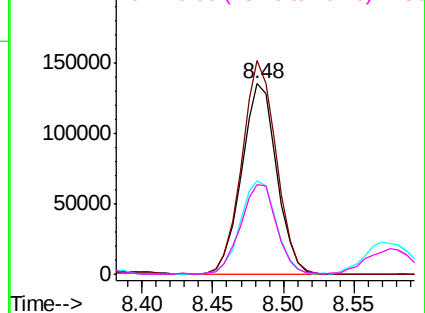
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	91.8	137.8	
77	49.1	40.0	60.0	
79	47.2	40.2	60.2	

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



#18

Hexachloroethane

Concen: 38.365 ng

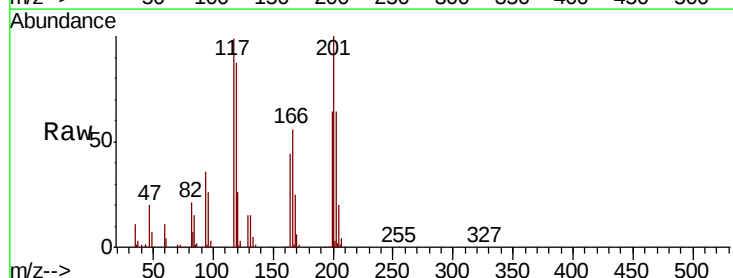
RT: 9.13 min Scan# 1029

Delta R.T. -0.01 min

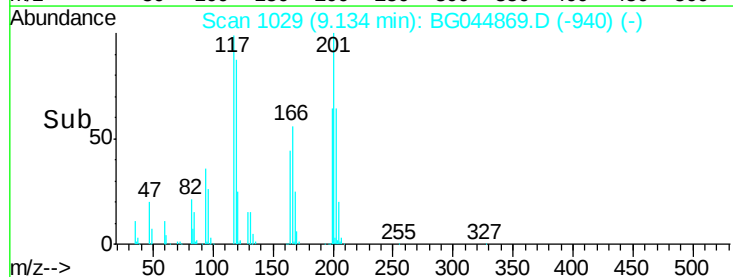
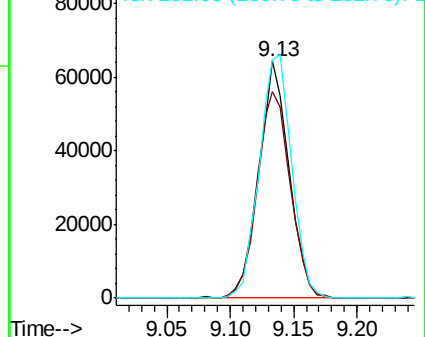
Lab File: BG044869.D

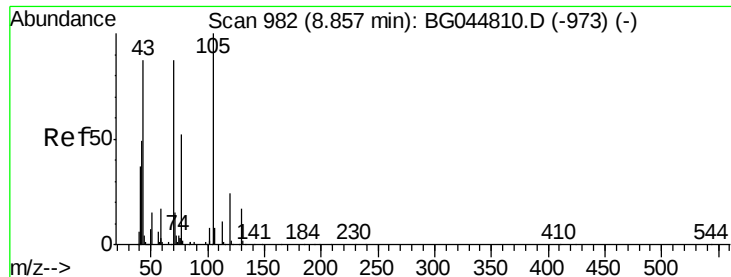
Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	87.3	75.2	112.8	
201	100.8	81.1	121.7	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





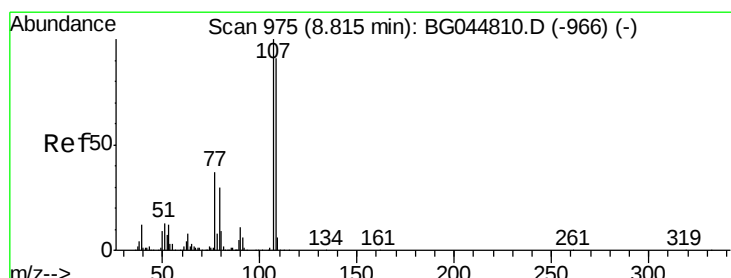
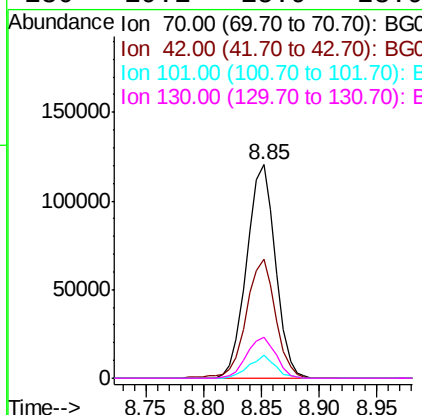
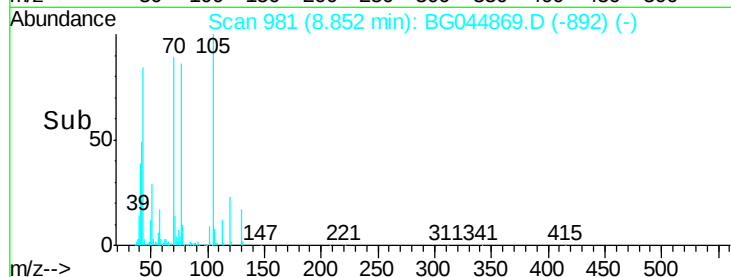
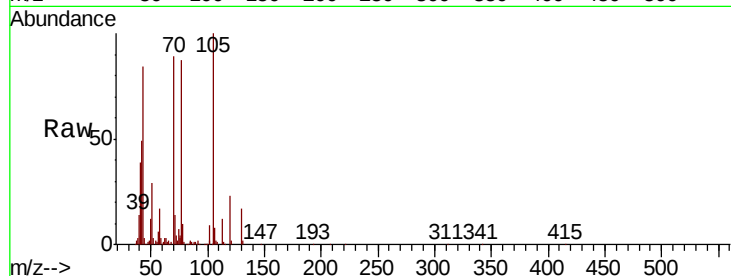
#19
n-Nitroso-di-n-propylamine
Concen: 34.675 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Instrument :
BNA_G
ClientSampleId :
PB127635BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.5	45.7	68.5
101	10.6	7.4	11.2
130	19.1	15.9	23.9

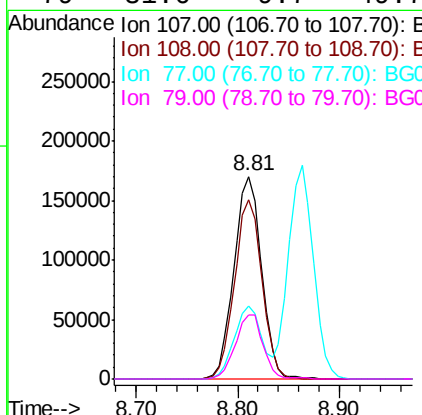
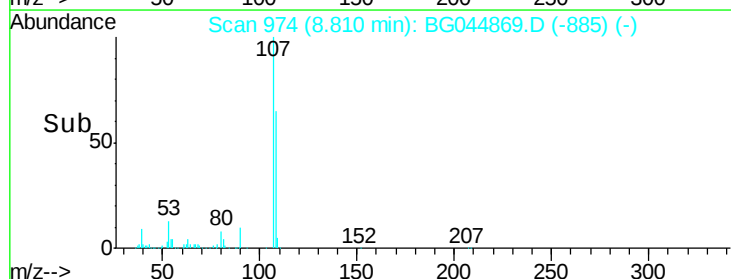
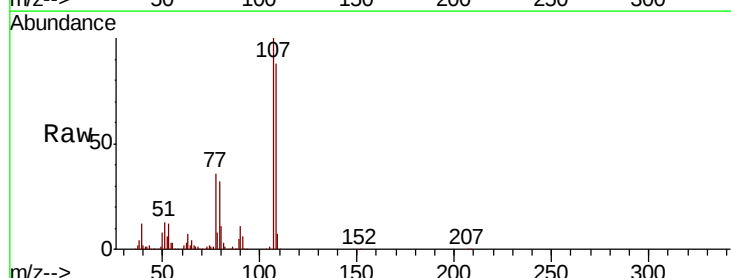
Manual Integrations
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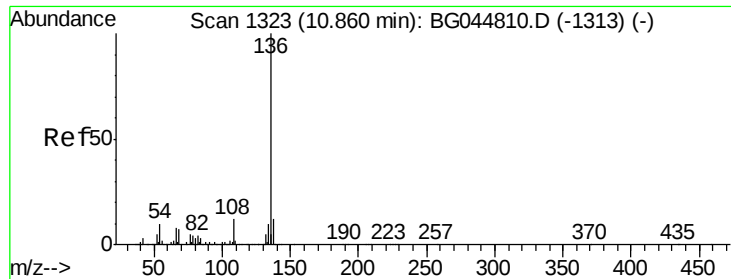
mohammad
3/19/2020 12:34:45 PM



#20
3+4-Methylphenols
Concen: 40.768 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	71.3	111.3
77	36.3	16.9	56.9
79	31.6	9.7	49.7





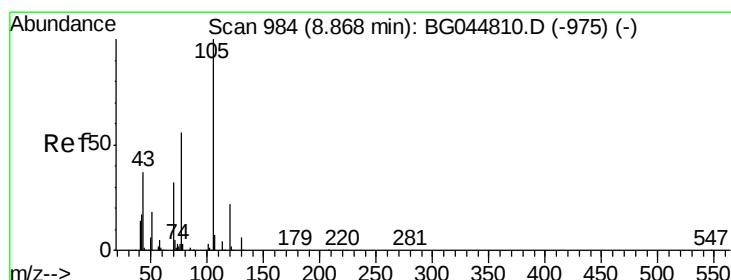
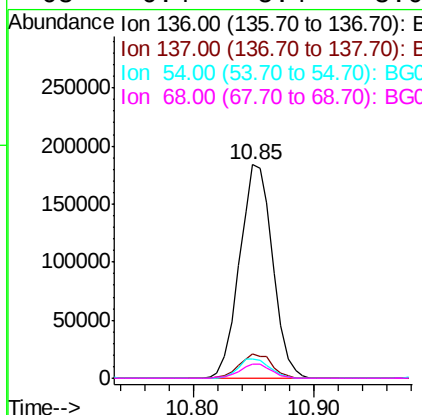
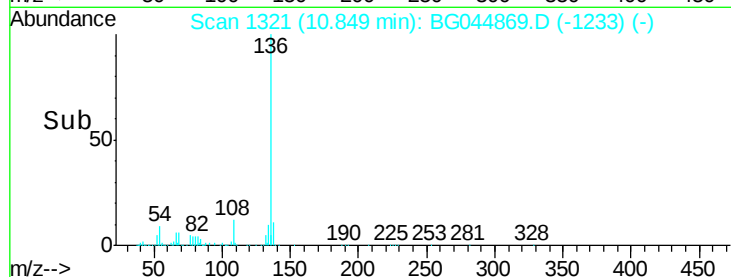
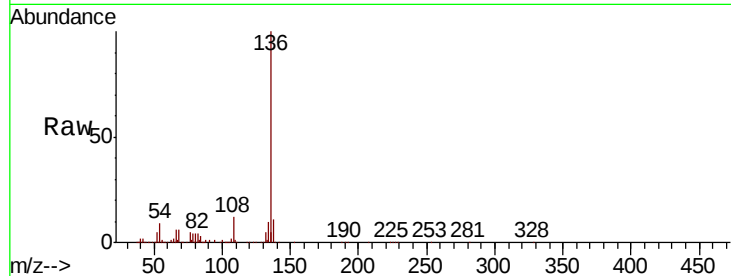
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Instrument :
BNA_G
ClientSampleId :
PB127635BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		349026		
137	11.4		9.8	14.6	
54	8.8		7.9	11.9	
68	6.4		5.4	8.0	

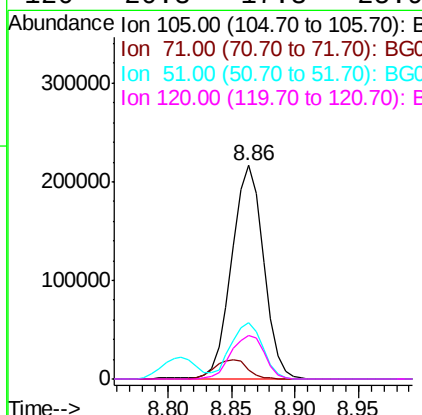
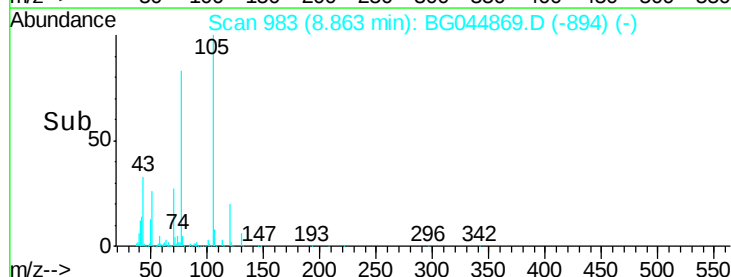
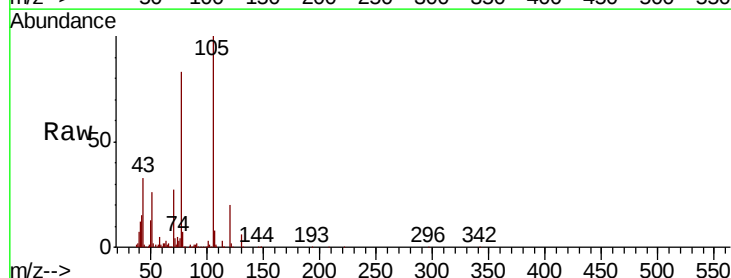
Manual Integrations
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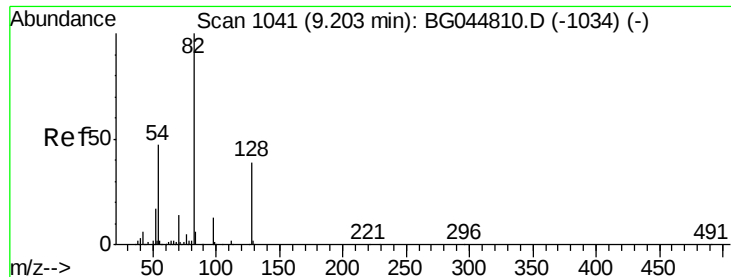
mohammad
3/19/2020 12:34:45 PM



#22
Acetophenone
Concen: 38.088 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		376613		
71	4.4		3.9	5.9	
51	26.2		22.6	33.8	
120	20.3		17.3	25.9	





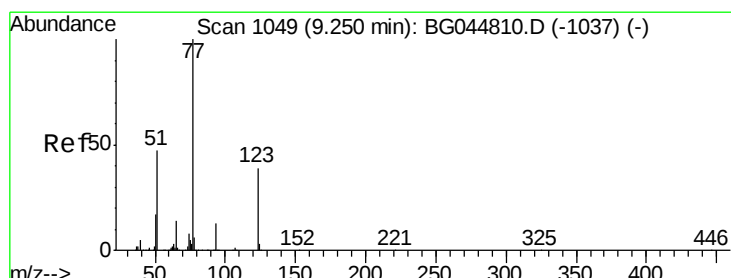
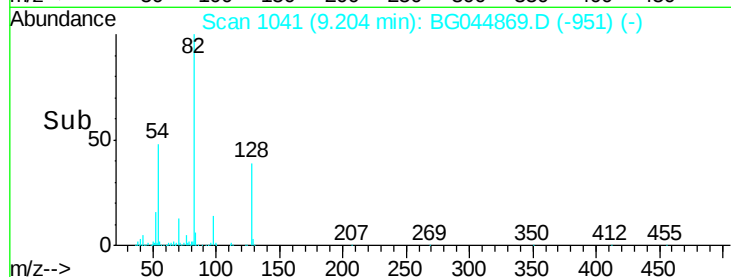
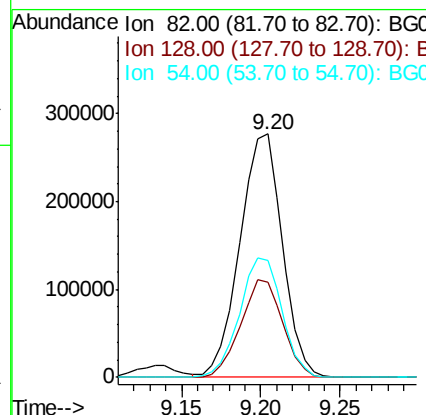
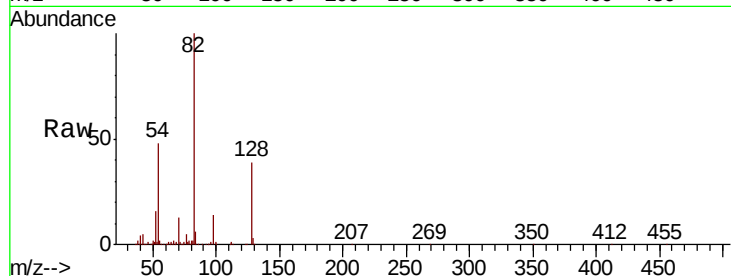
#23
Nitrobenzene-d5
Concen: 64.787 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Instrument :
BNA_G
ClientSampleId :
PB127635BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.1	30.6	46.0
54	48.2	37.1	55.7

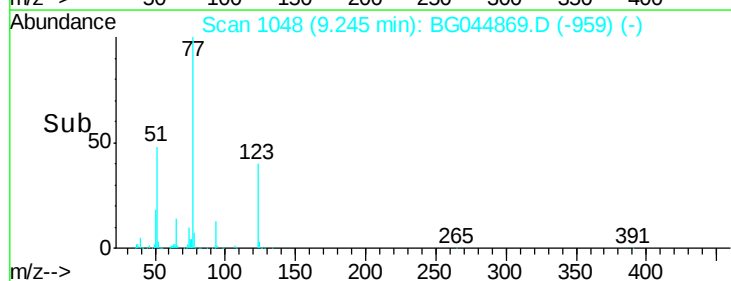
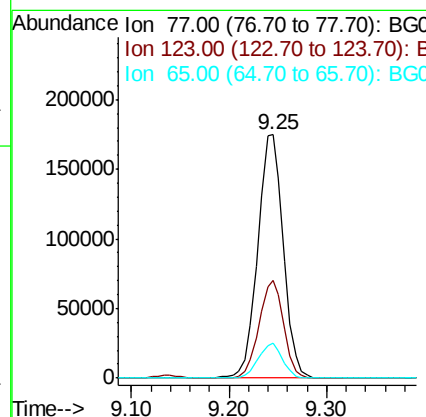
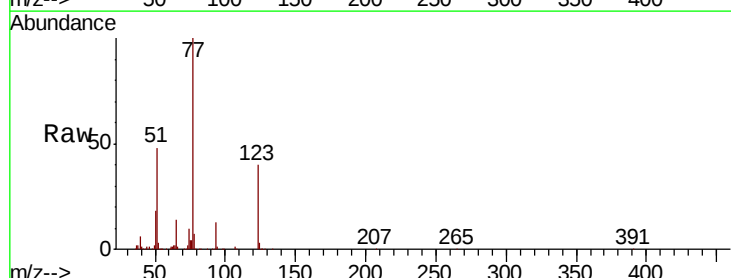
Manual Integrations
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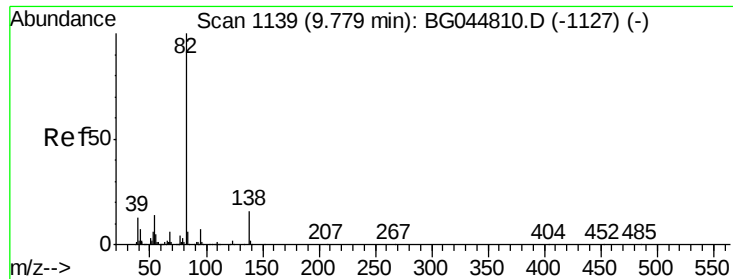
mohammad
3/19/2020 12:34:45 PM



#24
Nitrobenzene
Concen: 38.913 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.0	31.3	46.9
65	14.5	11.4	17.0





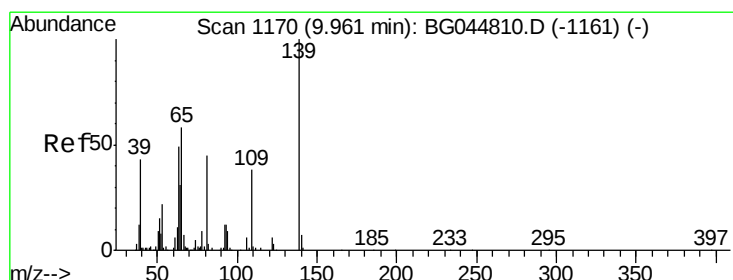
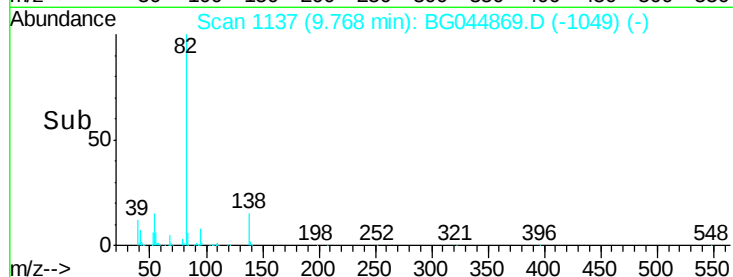
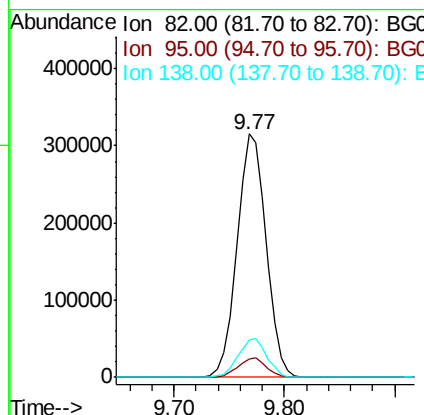
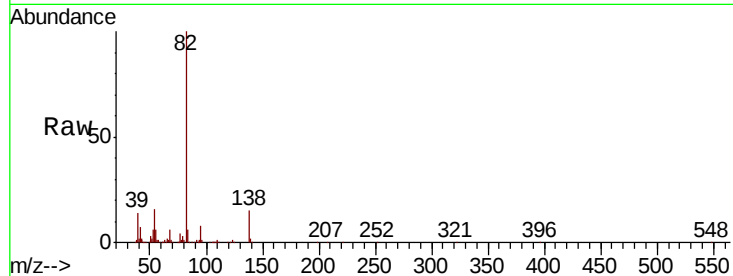
#25
Isophorone
Concen: 37.463 ng
RT: 9.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Instrument :
BNA_G
ClientSampleId :
PB127635BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.5	8.3
138	15.4	12.5	18.7

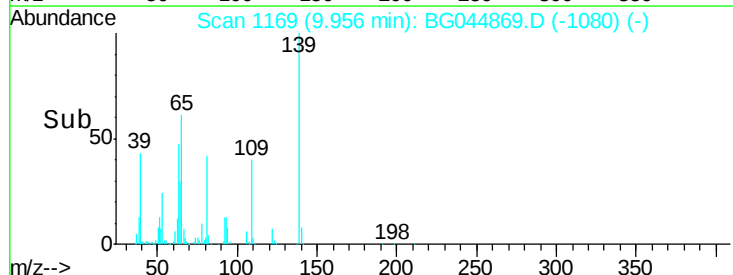
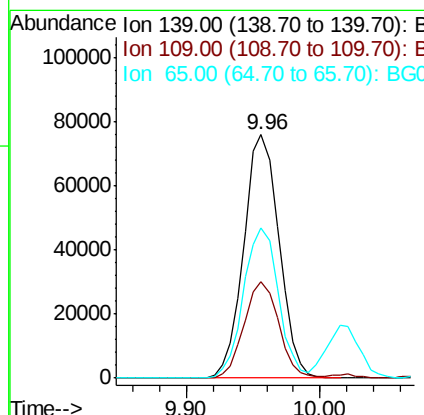
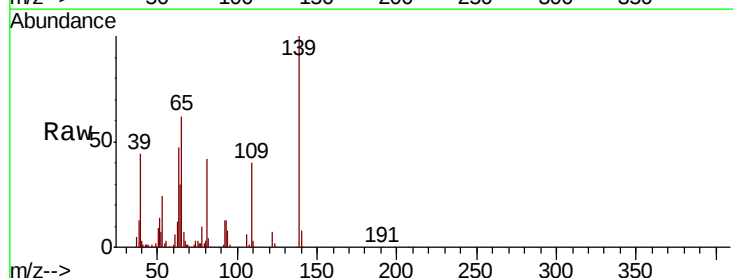
Manual Integrations
APPROVED

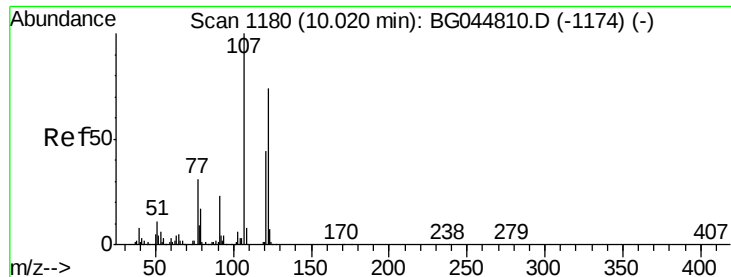
mohammad
3/19/2020 12:34:45 PM



#26
2-Nitrophenol
Concen: 48.412 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	39.8	30.2	45.4
65	61.7	46.3	69.5





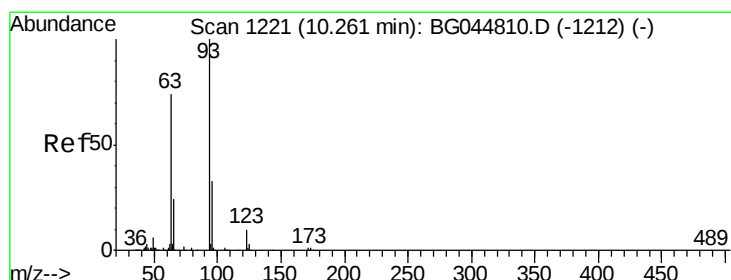
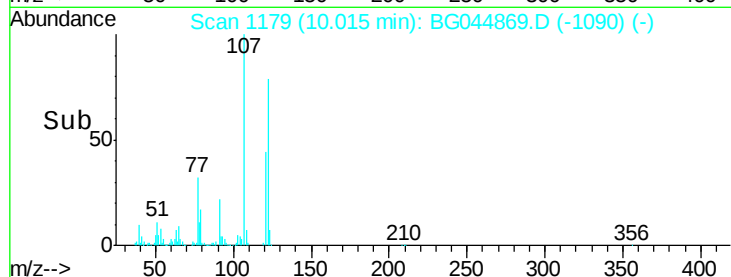
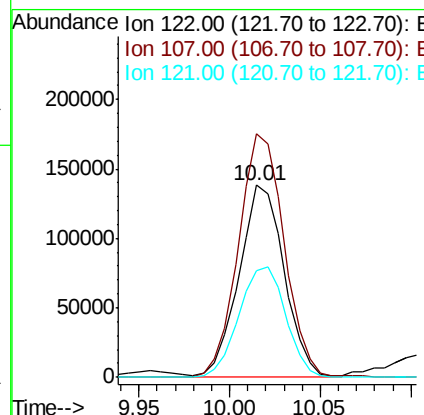
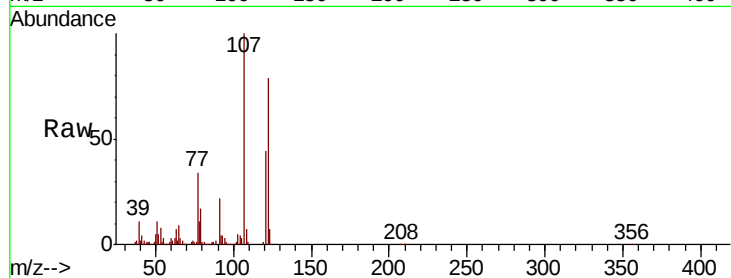
#27
2,4-Dimethylphenol
Concen: 47.105 ng
RT: 10.01 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Instrument :
BNA_G
ClientSampleId :
PB127635BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	238128		
107	126.7	107.1	160.7	
121	55.8	46.8	70.2	

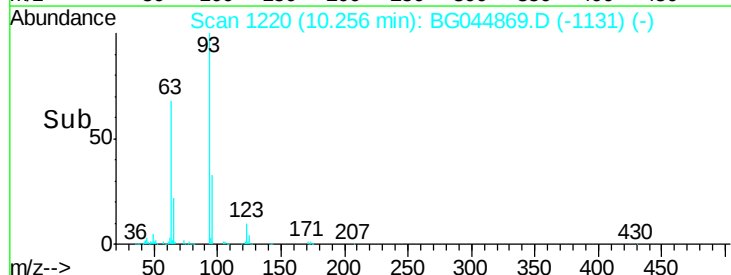
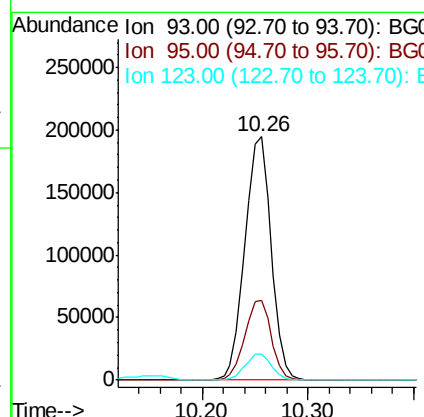
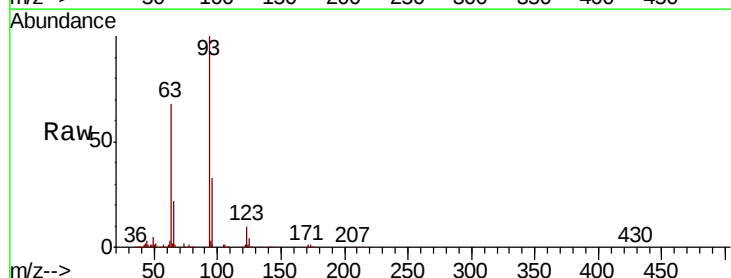
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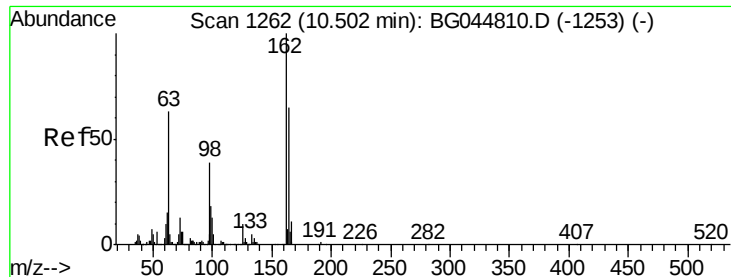
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 36.265 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	335962		
95	32.8	26.4	39.6	
123	10.5	8.4	12.6	





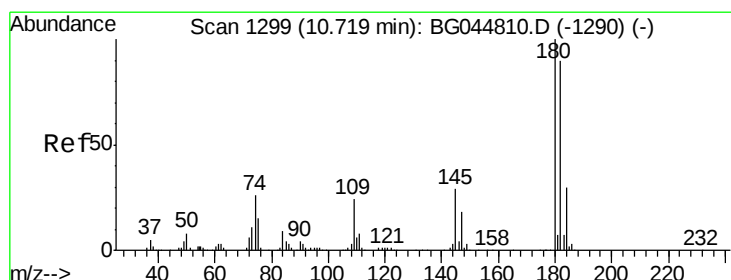
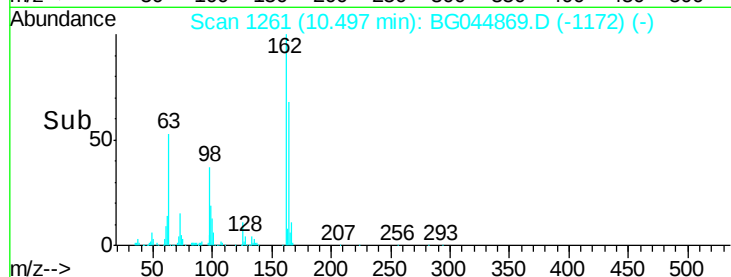
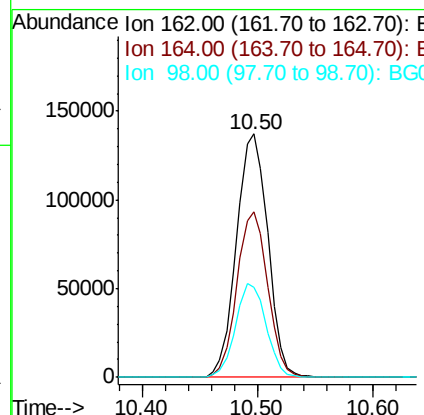
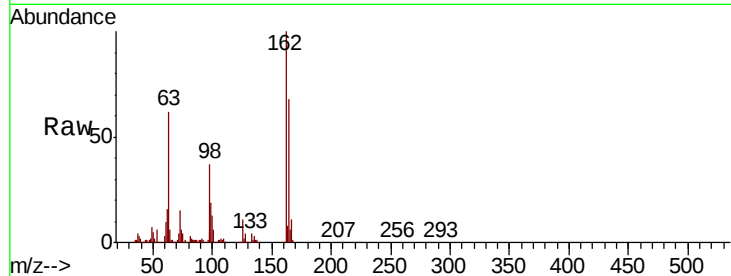
#29
 2,4-Dichlorophenol
 Concen: 43.767 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

Instrument :
 BNA_G
 ClientSampleId :
 PB127635BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.0	45.2	85.2
98	36.8	19.0	59.0

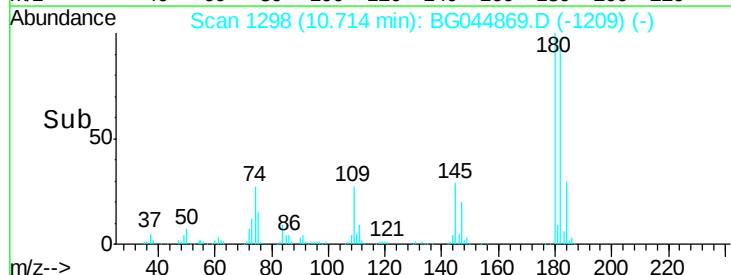
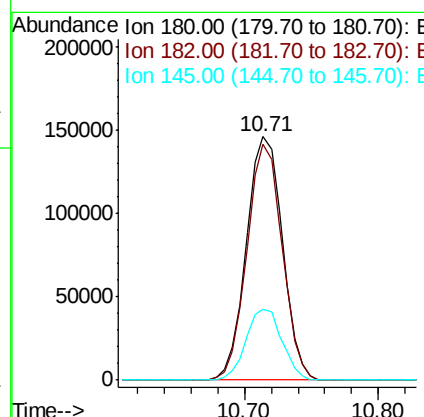
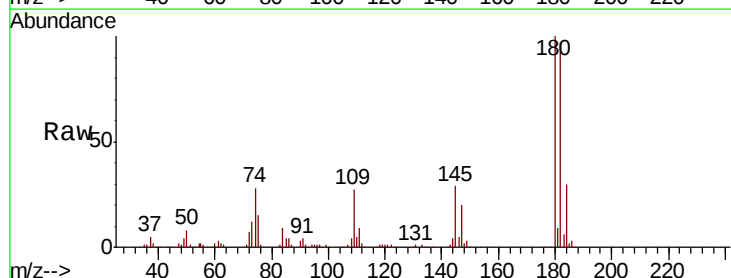
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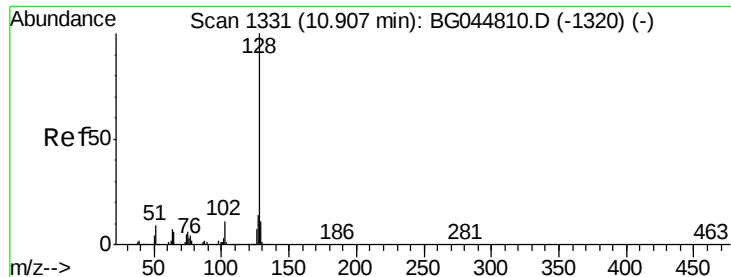
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.475 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	71.6	107.4
145	29.1	23.4	35.0





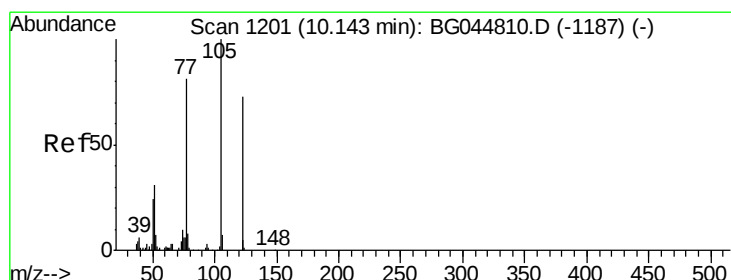
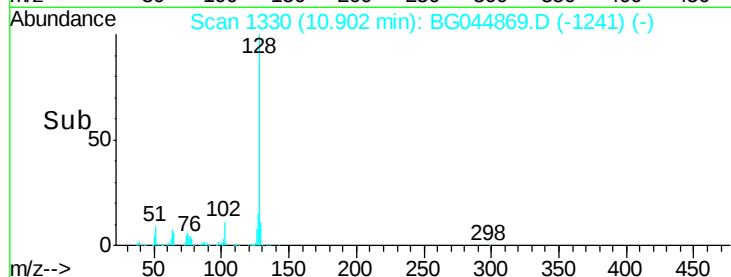
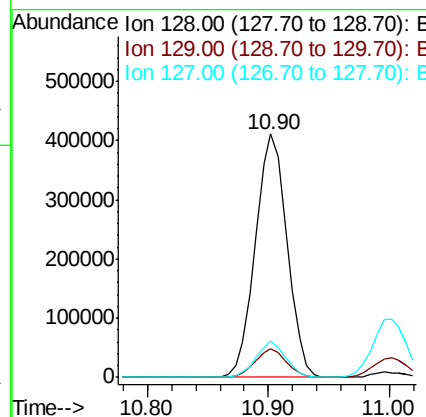
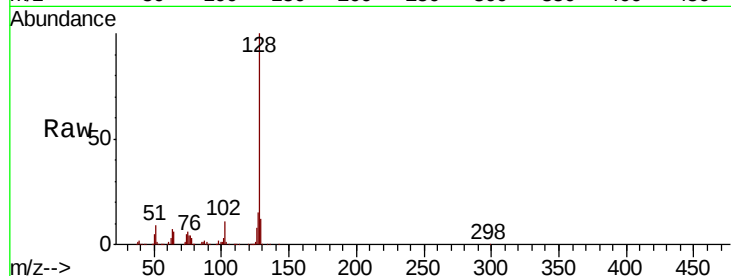
#31
Naphthalene
Concen: 38.844 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Instrument :
BNA_G
ClientSampleId :
PB127635BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	14.8	10.8	16.2

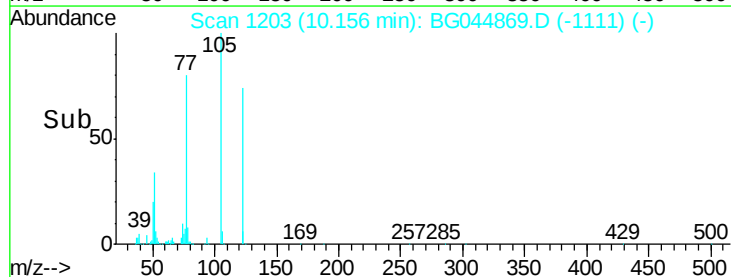
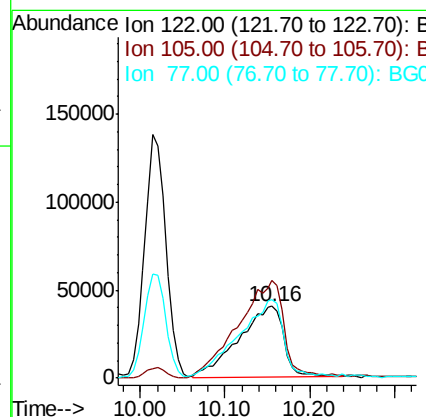
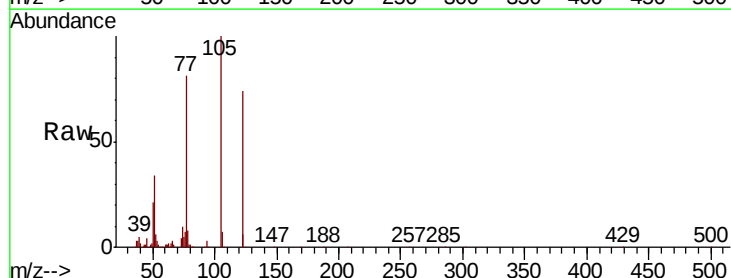
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#32
Benzoic acid
Concen: 39.859 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.6	109.1	149.1
77	109.7	85.3	125.3





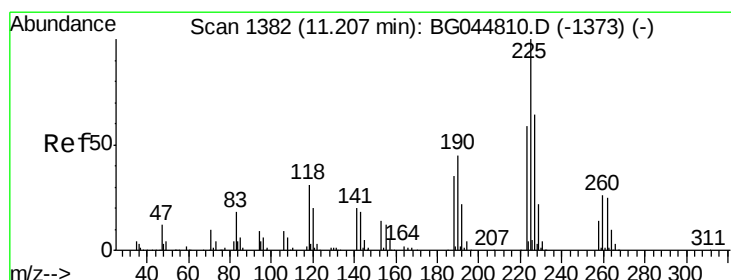
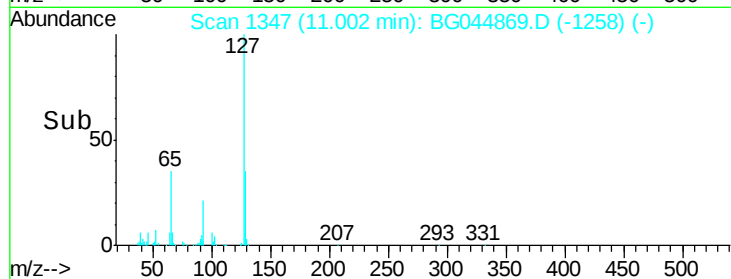
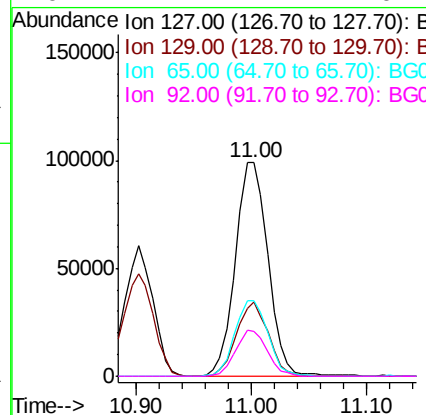
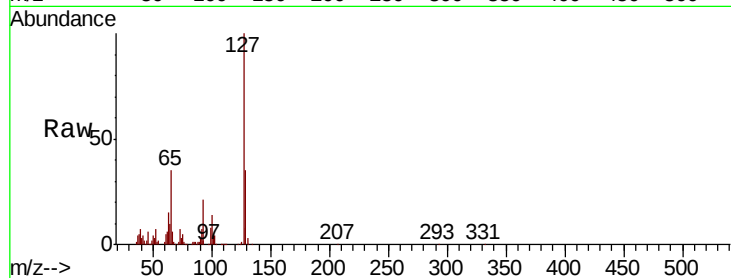
#33
4-Chloroaniline
Concen: 22.319 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Instrument :
BNA_G
ClientSampleId :
PB127635BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		194418		
129	34.5	26.9	40.3		
65	35.1	27.7	41.5		
92	21.2	17.4	26.2		

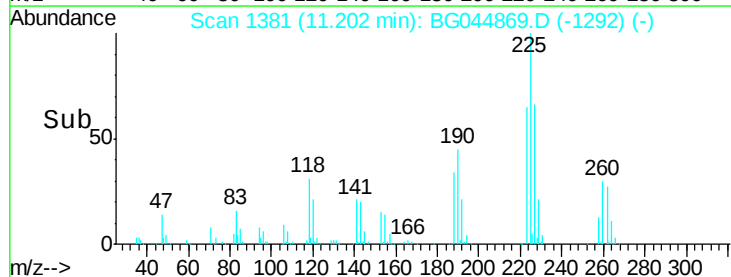
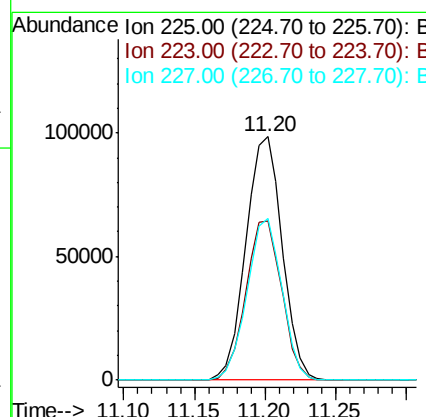
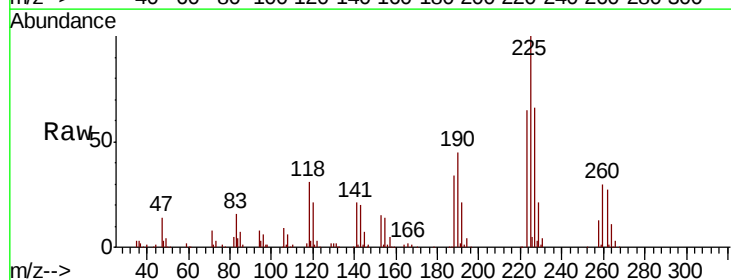
Manual Integrations
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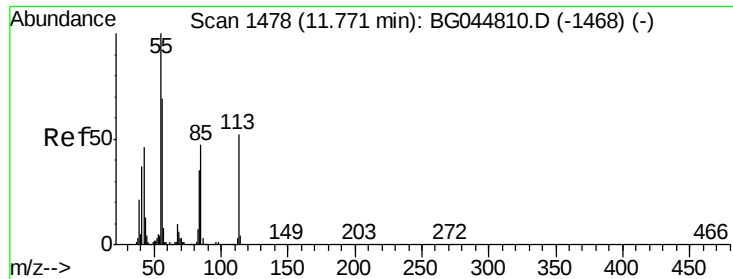
mohammad
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#34
Hexachlorobutadiene
Concen: 38.228 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		177492		
223	65.2	47.4	71.0		
227	66.5	50.8	76.2		





#35

Caprolactam

Concen: 42.983 ng/ml

RT: 11.77 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

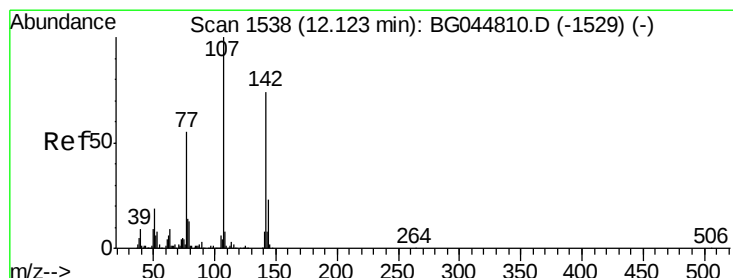
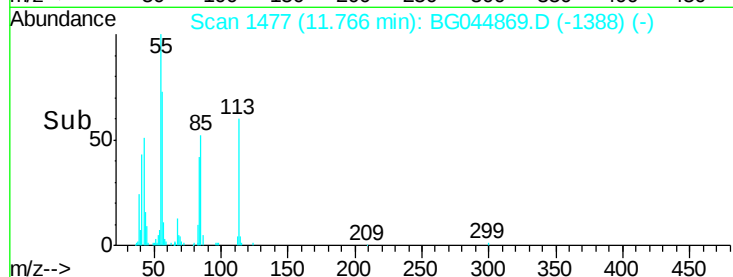
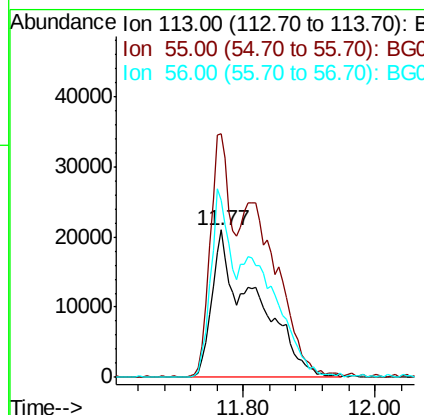
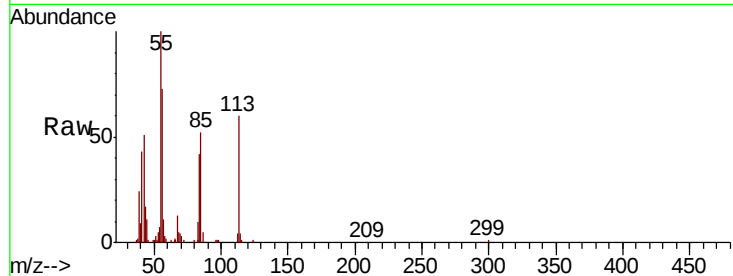
ClientSampleId :

PB127635BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.5	173.8	213.8#
56	120.5	113.8	153.8

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#36

4-Chloro-3-methylphenol

Concen: 41.032 ng/ml

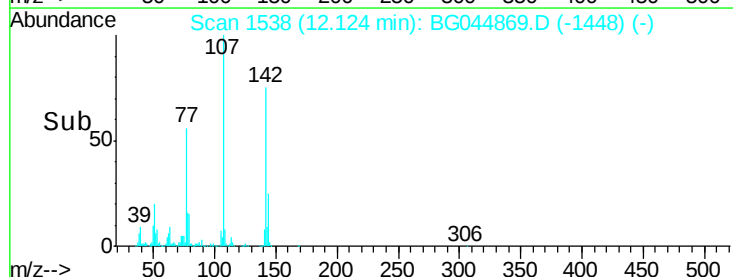
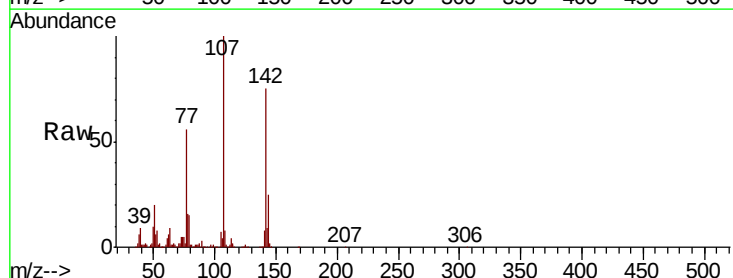
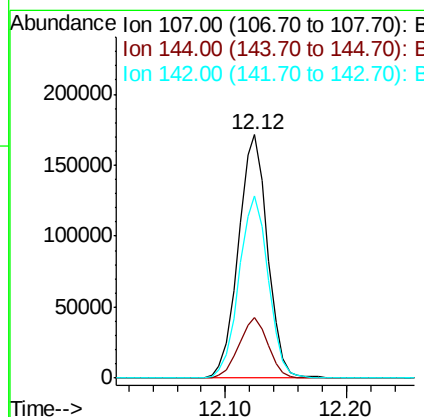
RT: 12.12 min Scan# 1538

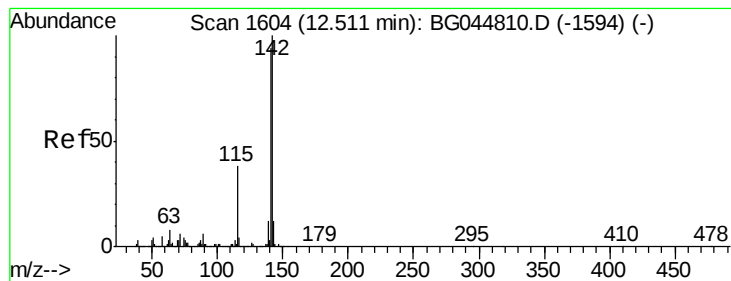
Delta R.T. 0.00 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	18.0	27.0
142	74.7	59.0	88.4





#37

2-Methylnaphthalene

Concen: 38.891 ng

RT: 12.51 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

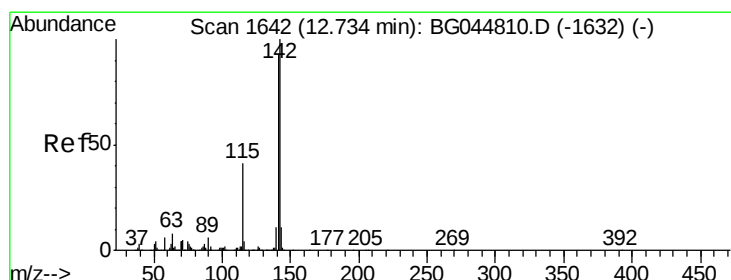
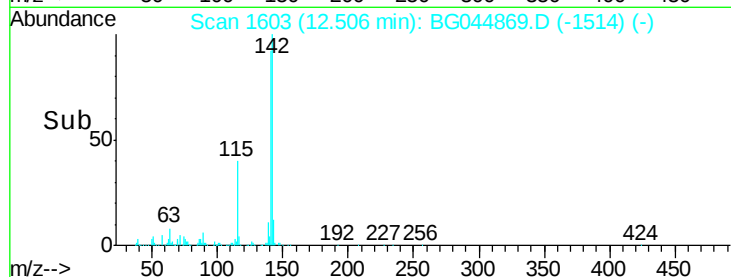
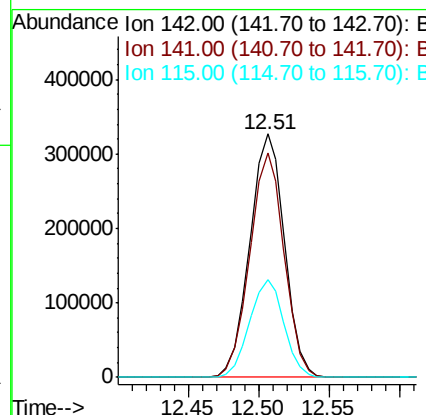
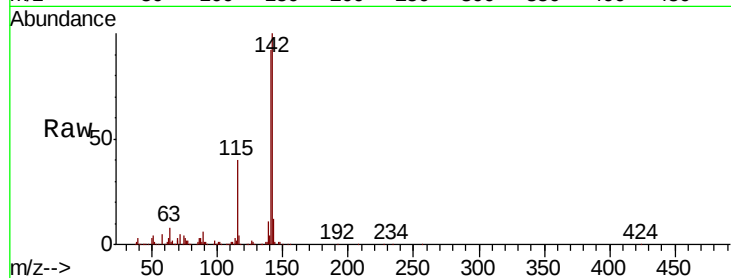
ClientSampleId :

PB127635BS

Tot Ion:	142	Resp:	562477
Ion Ratio	Lower	Upper	
142	100		
141	92.0	75.1	112.7
115	40.2	30.6	46.0

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#38

1-Methylnaphthalene

Concen: 38.907 ng m

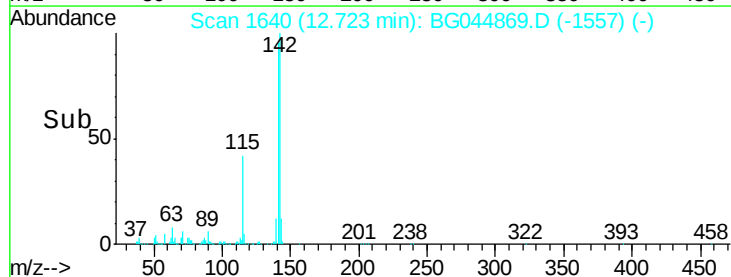
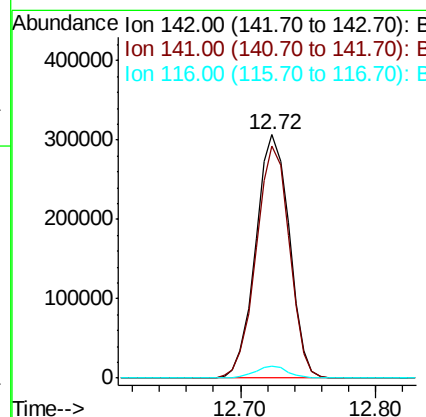
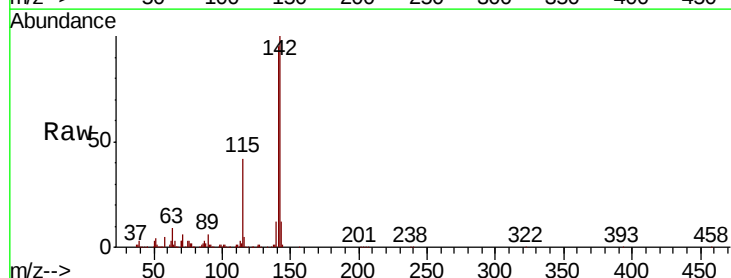
RT: 12.72 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Tgt Ion:	142	Resp:	529015
Ion Ratio	Lower	Upper	
142	100		
141	95.4	74.7	112.1
116	5.0	3.3	4.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

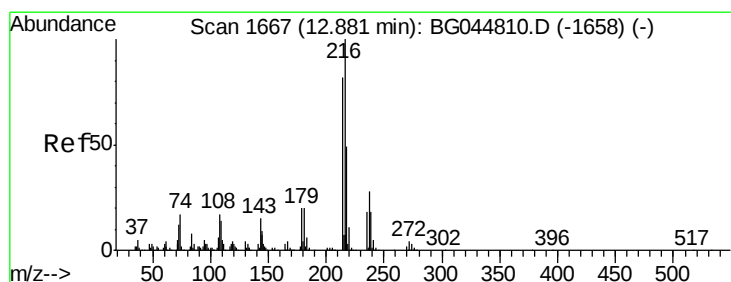
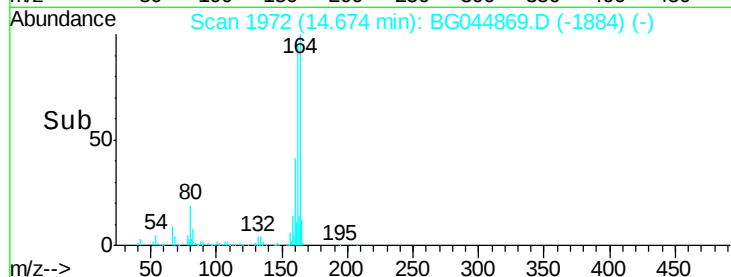
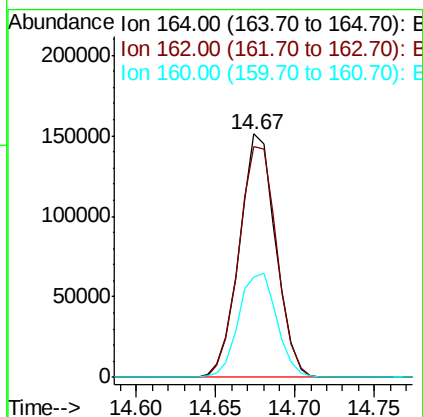
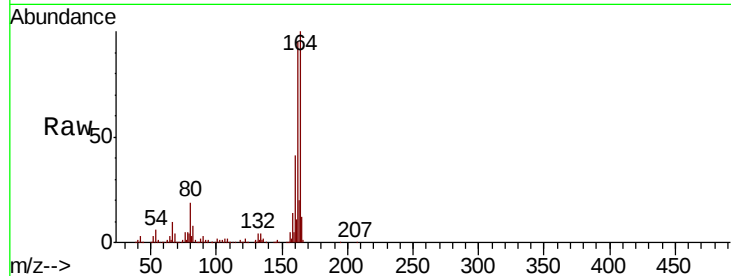
ClientSampleId :

PB127635BS

Tot Ion:	164	Resp:	240211
Ion Ratio	Lower	Upper	
164	100		
162	95.0	76.7	115.1
160	41.0	35.0	52.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.177 ng

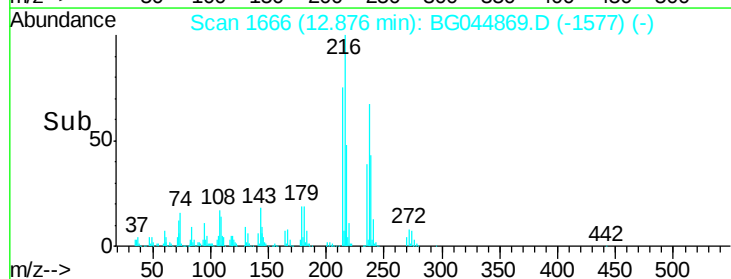
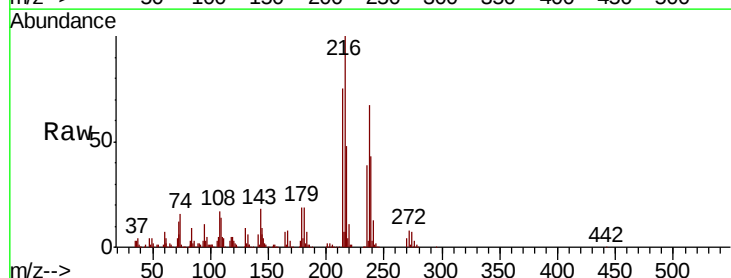
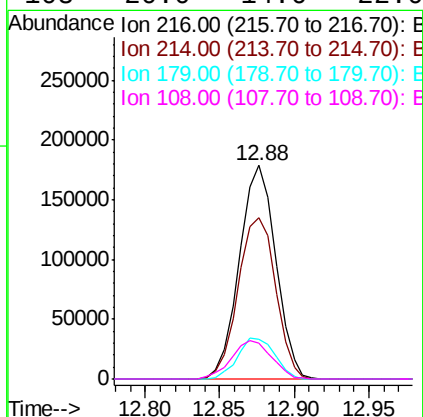
RT: 12.88 min Scan# 1666

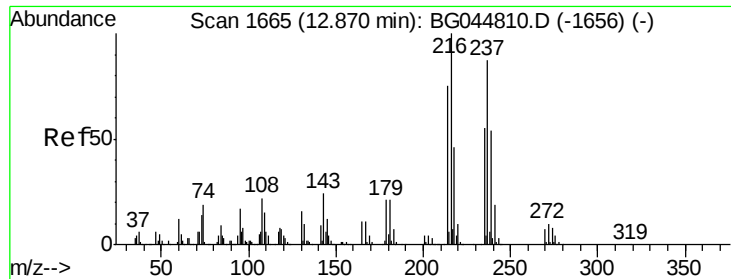
Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Tgt Ion:	216	Resp:	302017
Ion Ratio	Lower	Upper	
216	100		
214	78.2	63.8	95.6
179	19.7	16.2	24.2
108	20.0	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 95.488 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

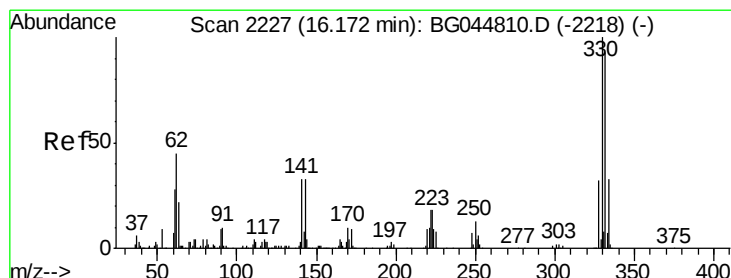
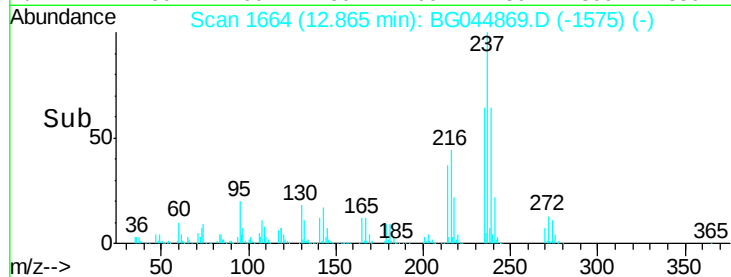
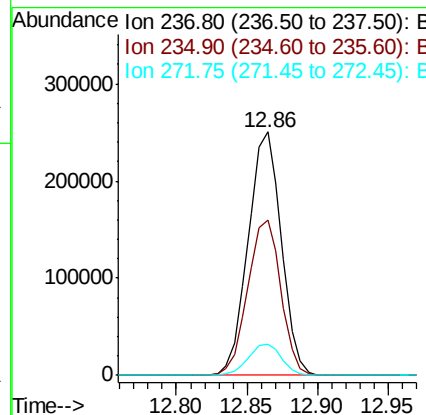
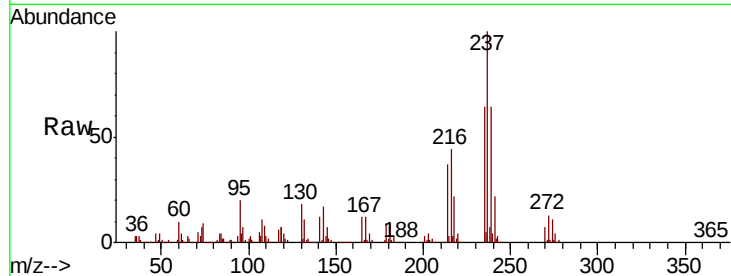
ClientSampleId :

PB127635BS

Tot Ion:	237	Resp:	412829
Ion Ratio	Lower	Upper	
237	100		
235	63.7	42.9	82.9
272	13.0	0.0	31.6

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#42

2,4,6-Tribromophenol

Concen: 121.668 ng

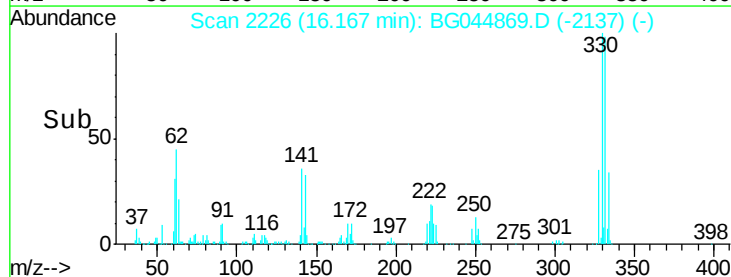
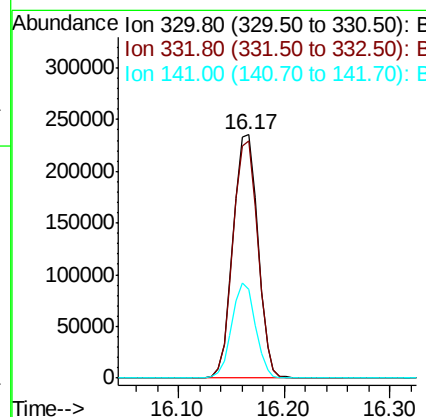
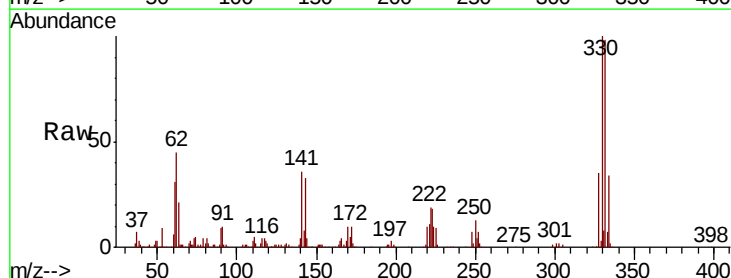
RT: 16.17 min Scan# 2226

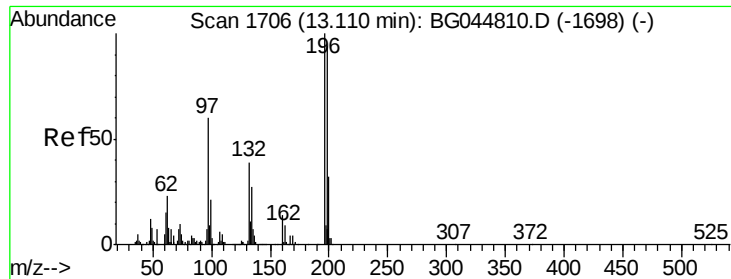
Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Tgt Ion:	330	Resp:	382670
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.8	116.6
141	37.3	29.5	44.3





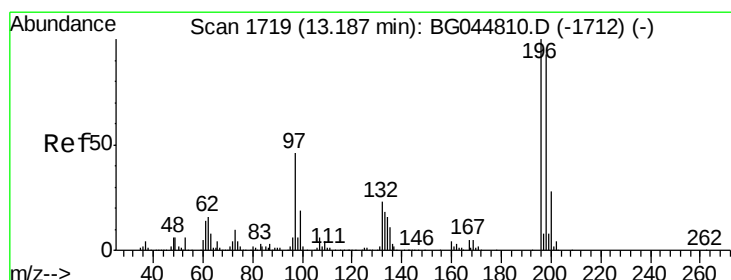
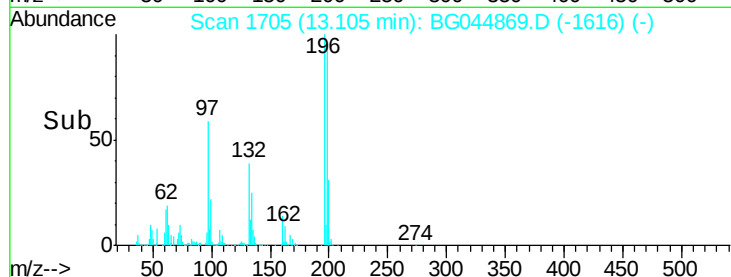
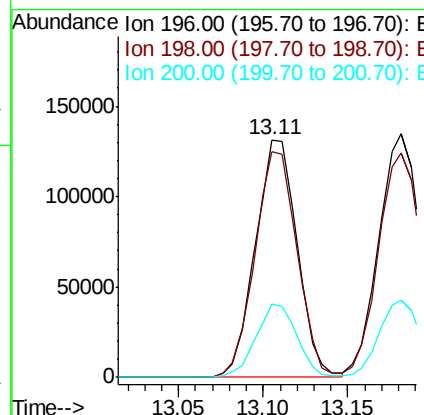
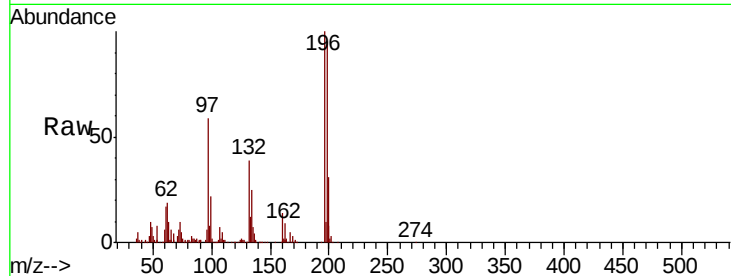
#43
2,4,6-Trichlorophenol
Concen: 42.866 ng
RT: 13.11 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Instrument :
BNA_G
ClientSampleId :
PB127635BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	225048		
198	94.9	74.9	112.3	
200	30.7	25.8	38.6	

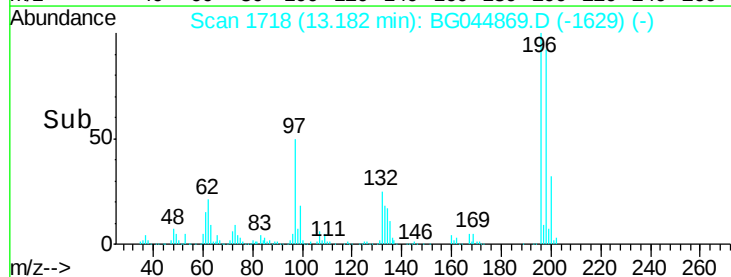
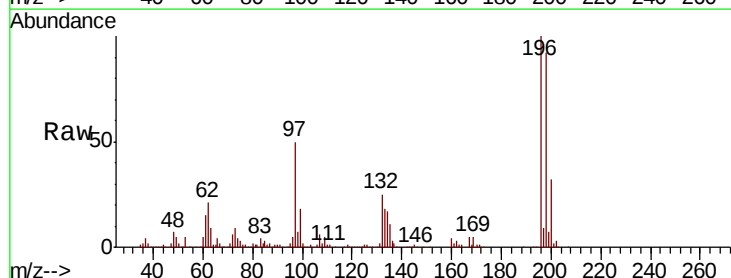
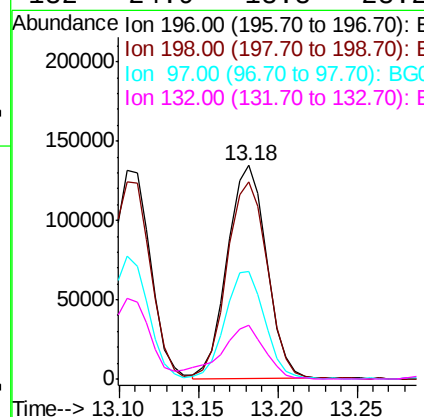
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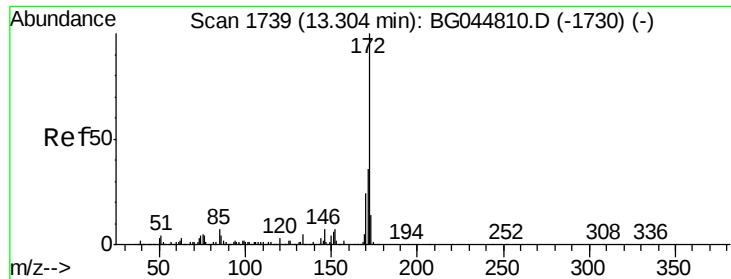
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 42.602 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	231955		
198	92.2	74.2	111.4	
97	50.2	36.7	55.1	
132	24.9	18.8	28.2	





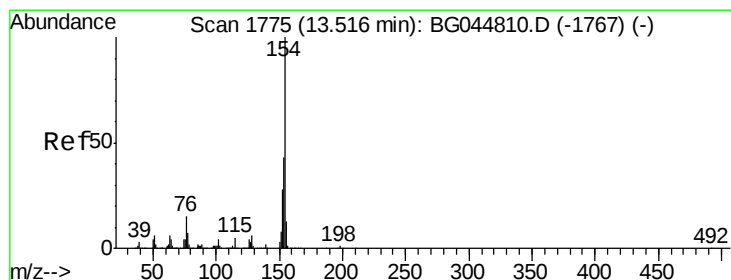
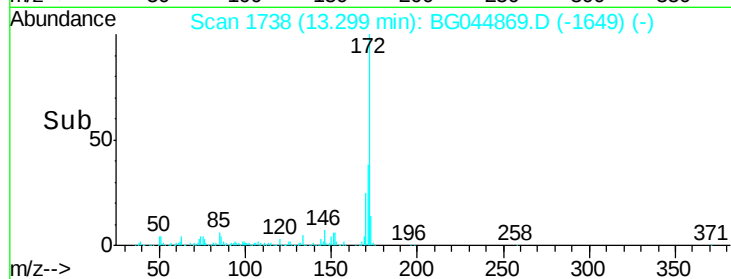
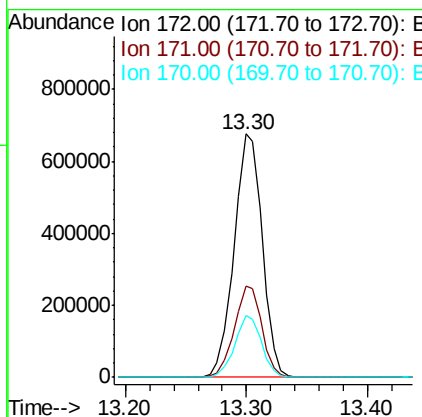
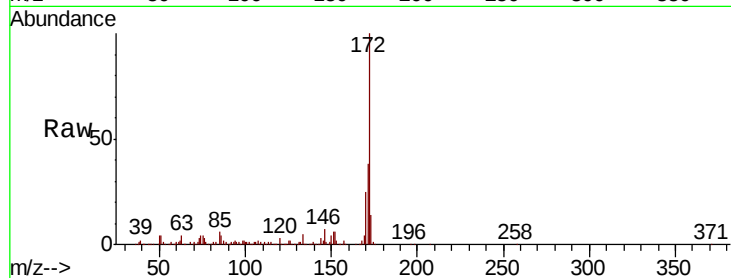
#45
2-Fluorobiphenyl
Concen: 65.358 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Instrument :
BNA_G
ClientSampleId :
PB127635BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	28.7	43.1
170	25.1	19.0	28.6

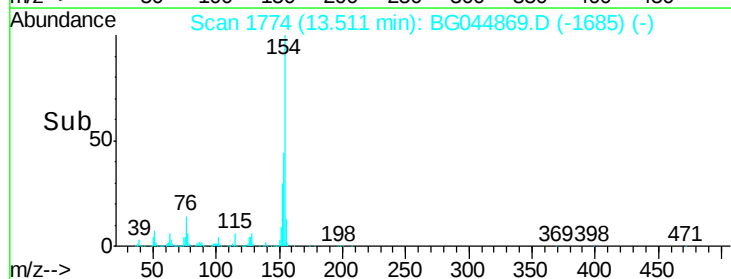
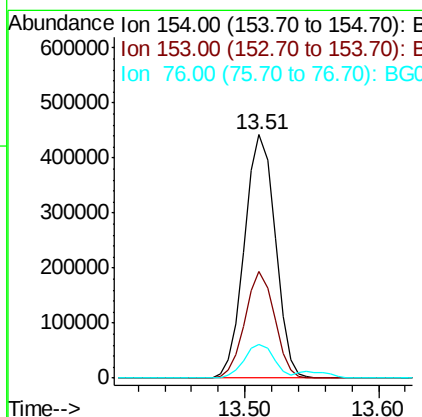
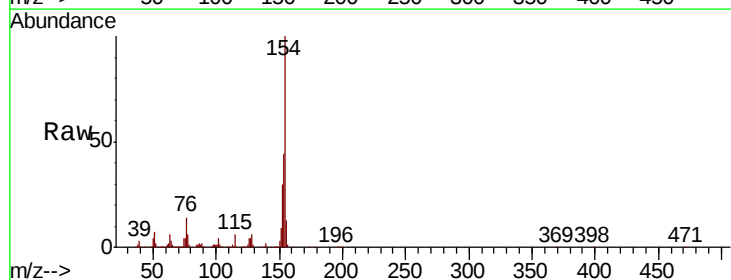
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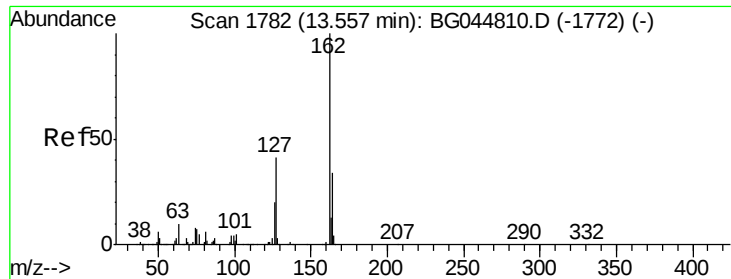
mohammad
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#46
1,1'-Biphenyl
Concen: 36.702 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.6	22.9	62.9
76	13.9	0.0	34.6





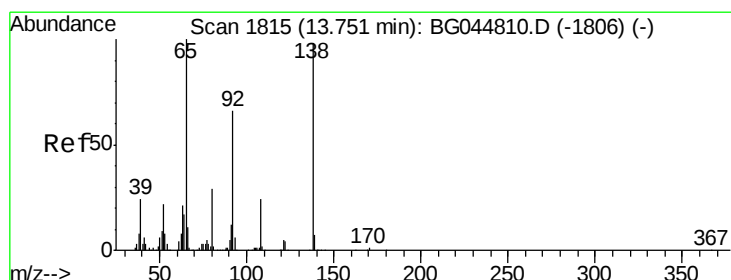
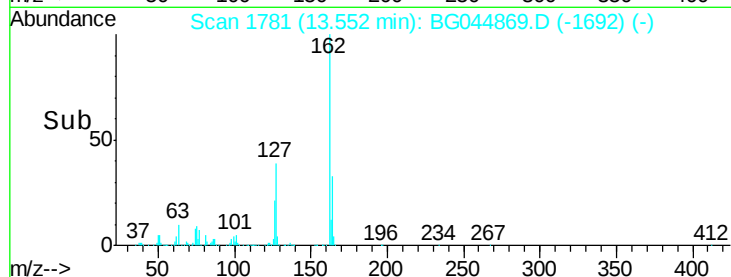
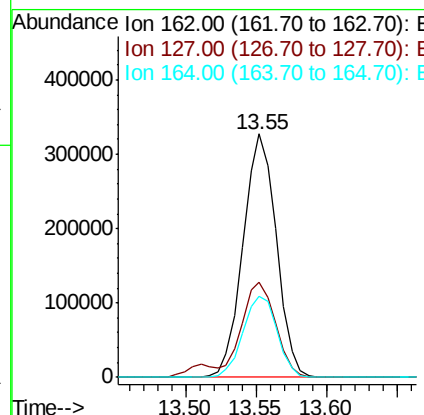
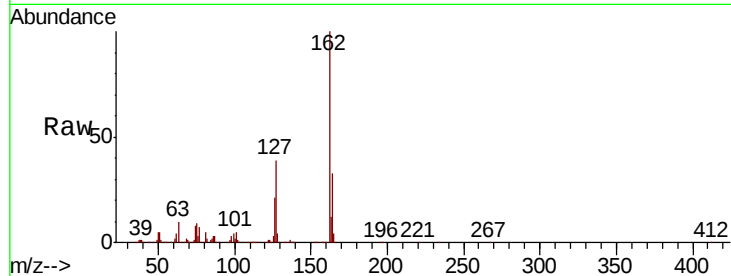
#47
2-Chloronaphthalene
Concen: 36.762 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Instrument :
BNA_G
ClientSampleId :
PB127635BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.9	33.1	49.7	
164	33.3	27.4	41.2	

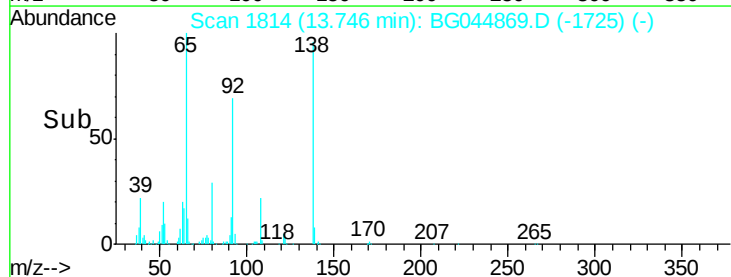
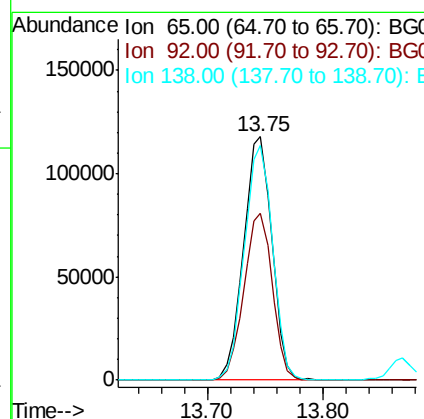
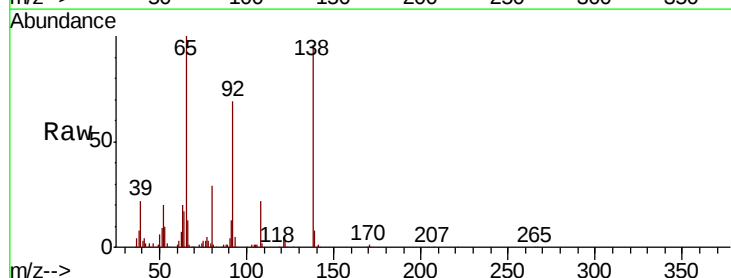
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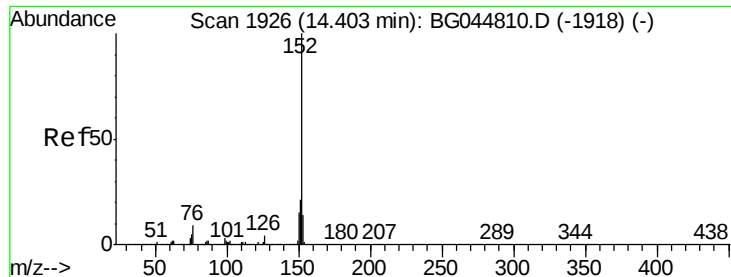
mohammad
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#48
2-Nitroaniline
Concen: 39.221 ng
RT: 13.75 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	68.7	52.6	79.0	
138	96.3	78.3	117.5	





#49

Acenaphthylene

Concen: 39.021 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

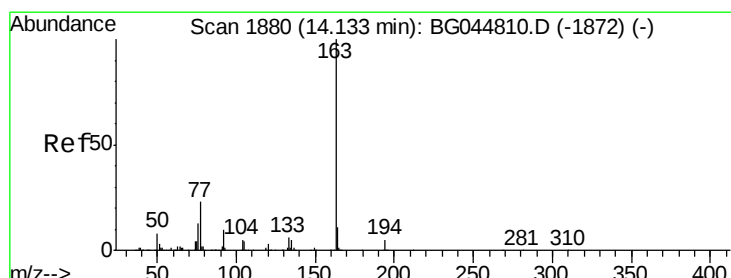
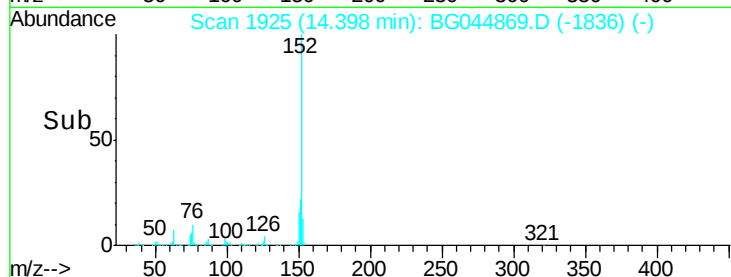
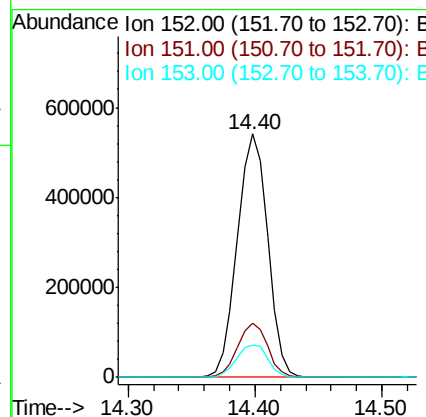
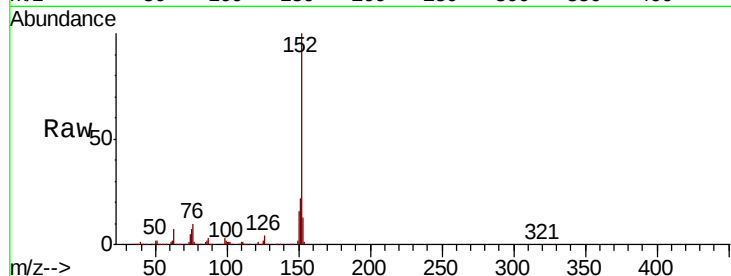
ClientSampleId :

PB127635BS

Tot Ion:	152	Resp:	896430
Ion Ratio	Lower	Upper	
152	100		
151	22.2	16.8	25.2
153	13.5	10.8	16.2

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#50

Dimethylphthalate

Concen: 37.869 ng

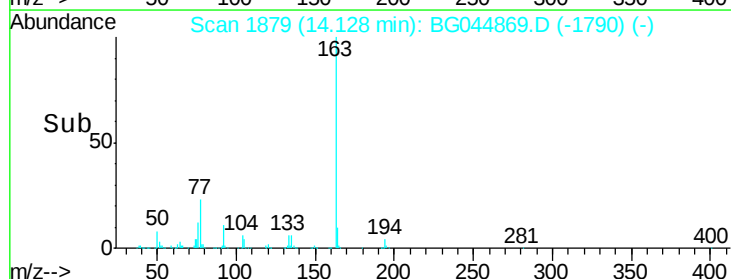
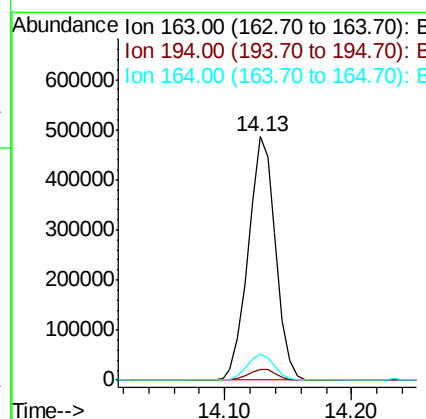
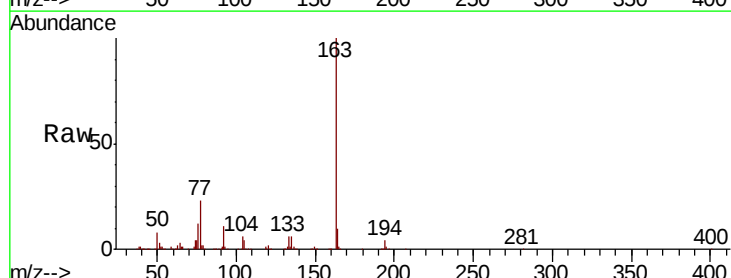
RT: 14.13 min Scan# 1879

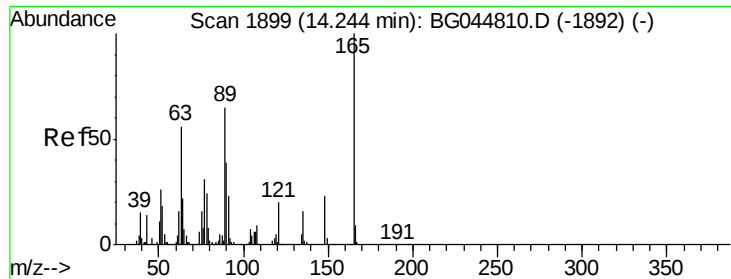
Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Tgt Ion:	163	Resp:	724508
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.7	5.5
164	10.5	9.1	13.7





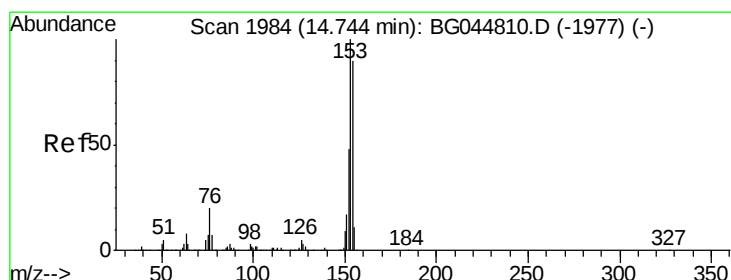
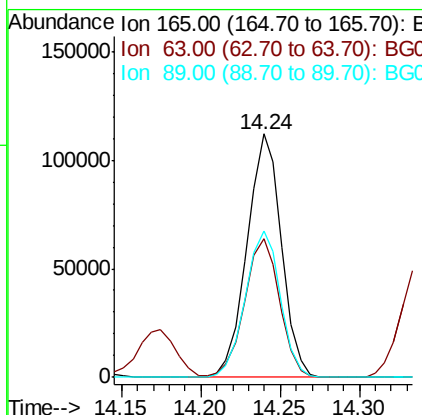
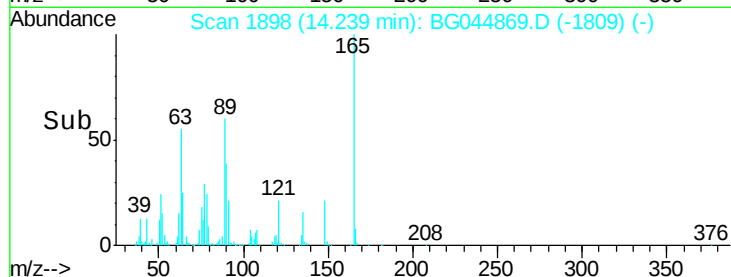
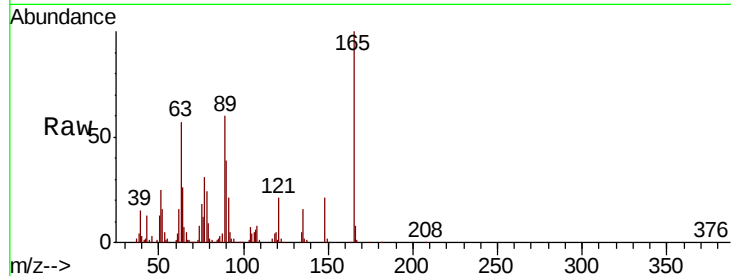
#51
 2,6-Dinitrotoluene
 Concen: 43.801 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. -0.01 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

Instrument :
 BNA_G
 ClientSampleId :
 PB127635BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	168914		
63	56.8		45.8	68.8
89	60.3		51.8	77.6

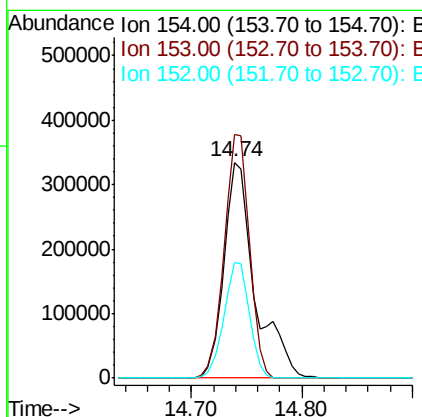
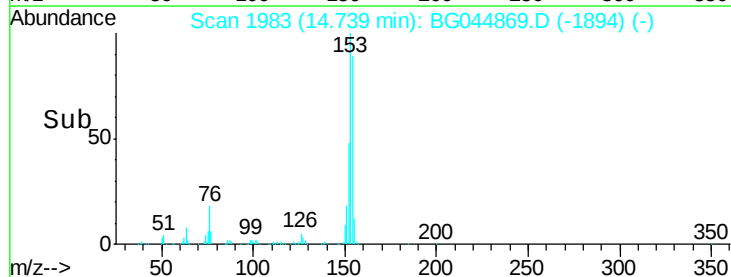
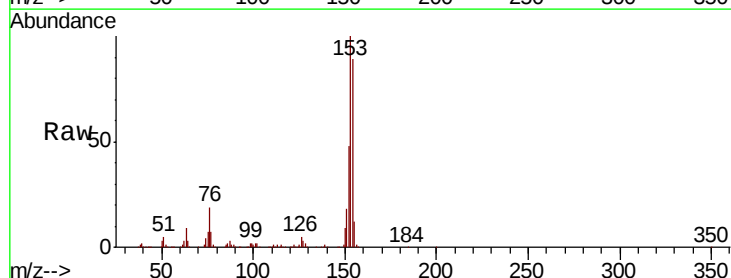
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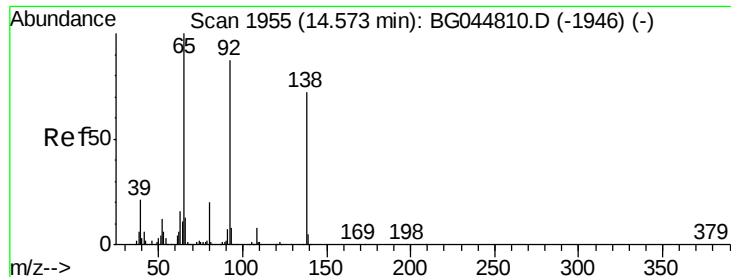
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#52
 Acenaphthene
 Concen: 43.807 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.01 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	659090		
153	112.7		89.0	133.6
152	53.6		43.0	64.6





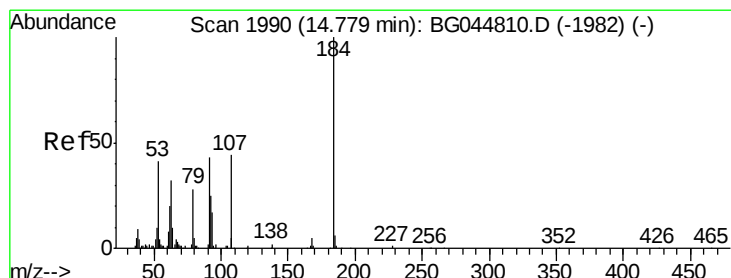
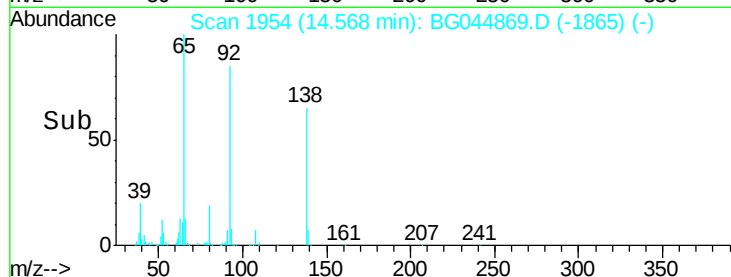
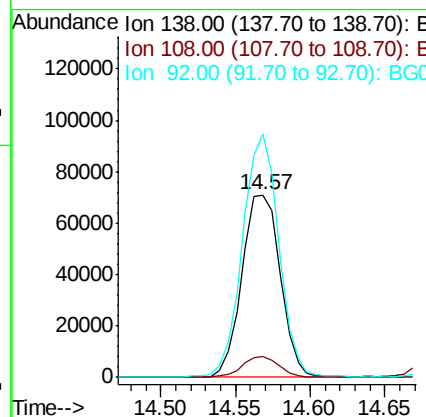
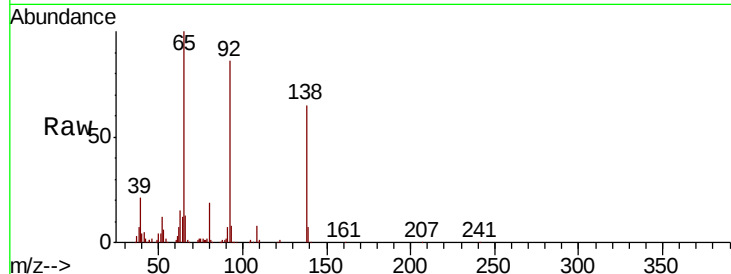
#53
3-Nitroaniline
Concen: 28.630 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Instrument :
BNA_G
ClientSampleId :
PB127635BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.0	13.4
92	133.5	96.8	145.2

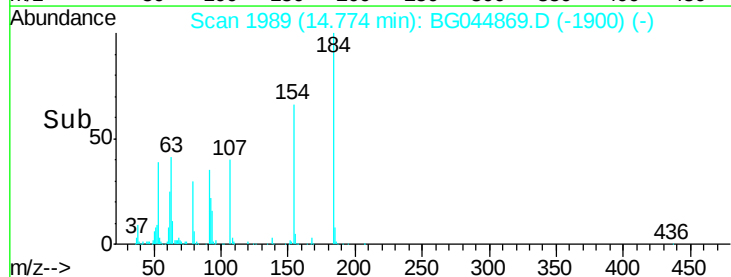
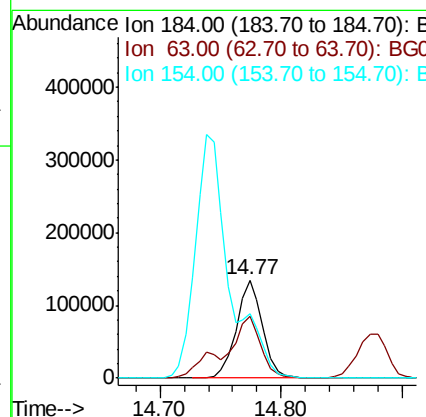
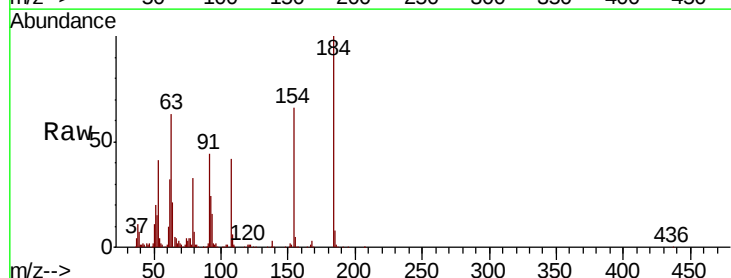
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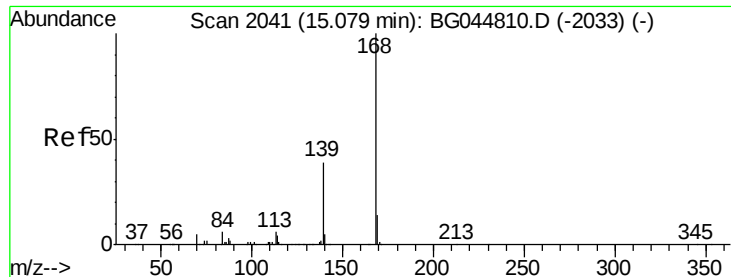
mohammad
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#54
2,4-Dinitrophenol
Concen: 97.998 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.1	45.5	68.3
154	65.6	49.1	73.7





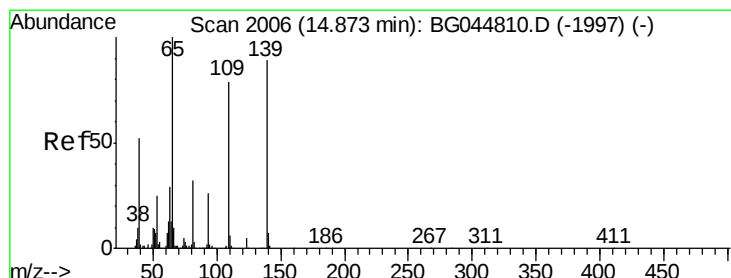
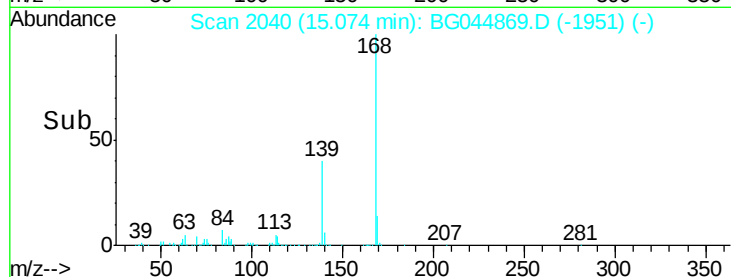
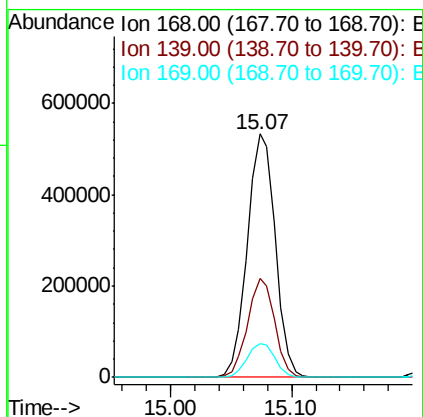
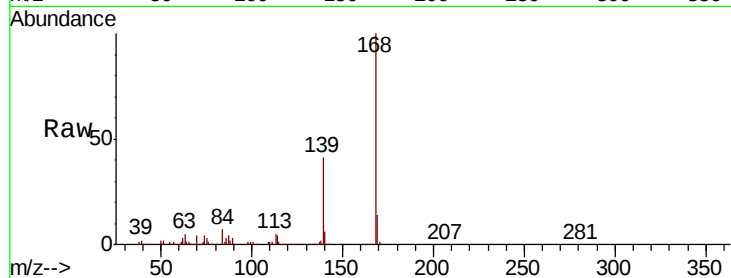
#55
Dibenzenofuran
Concen: 39.404 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Instrument :
BNA_G
ClientSampleId :
PB127635BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.7		31.4	47.0
169	13.7		11.1	16.7

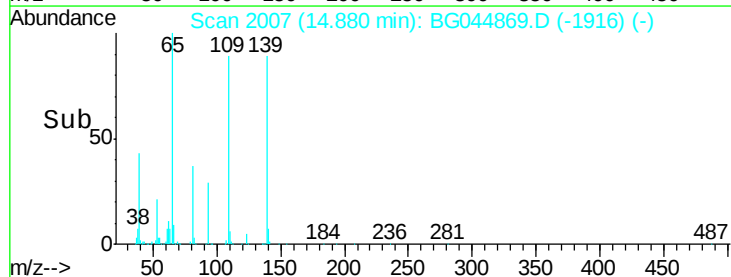
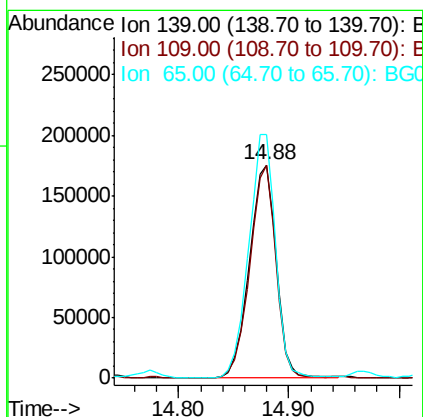
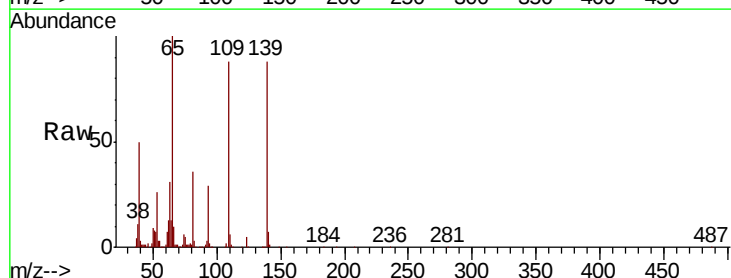
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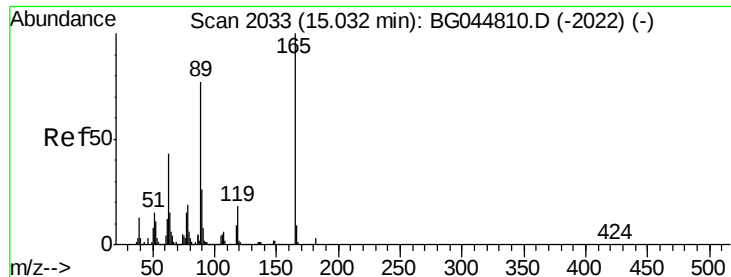
mohammad
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#56
4-Nitrophenol
Concen: 89.228 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	99.9		68.8	108.8
65	113.9		92.5	132.5





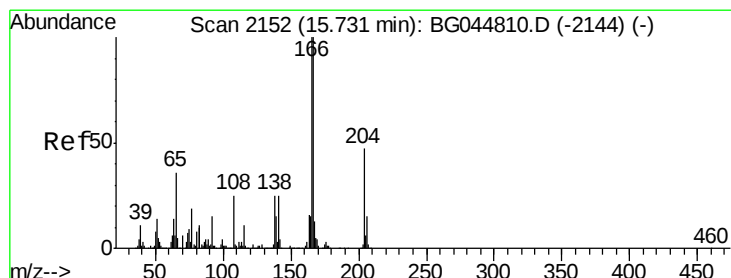
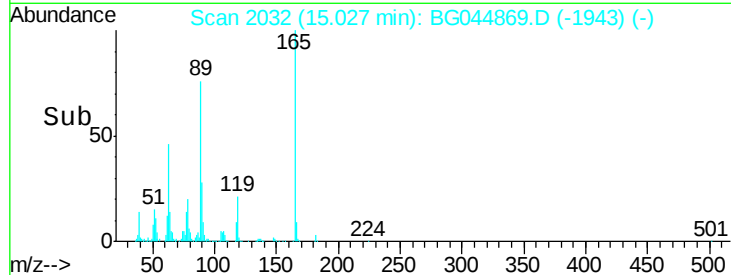
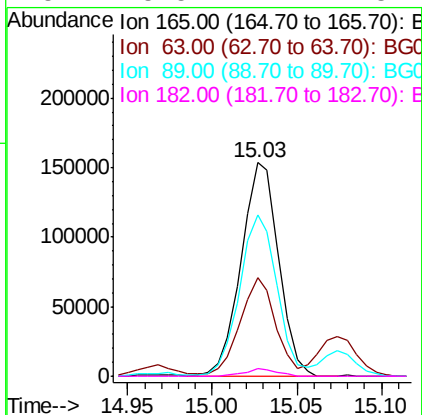
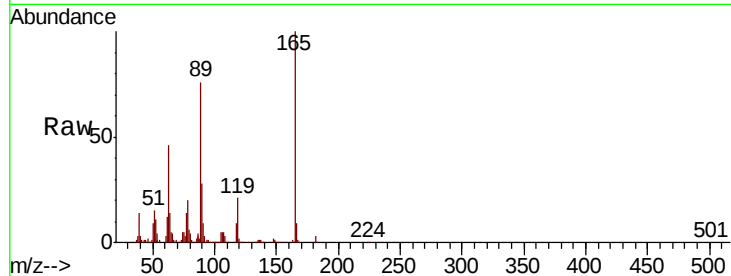
#57
2,4-Dinitrotoluene
Concen: 44.695 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Instrument :
BNA_G
ClientSampleId :
PB127635BS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	45.9	34.6	52.0
89	75.7	61.3	91.9
182	3.5	2.2	3.2#

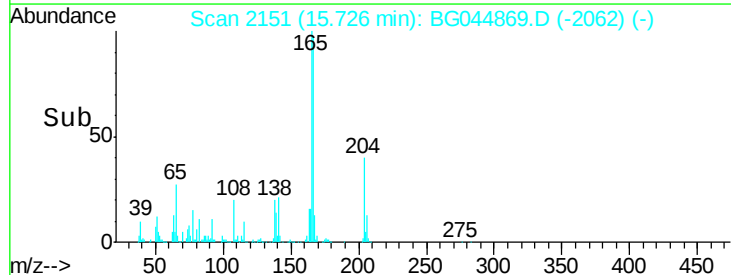
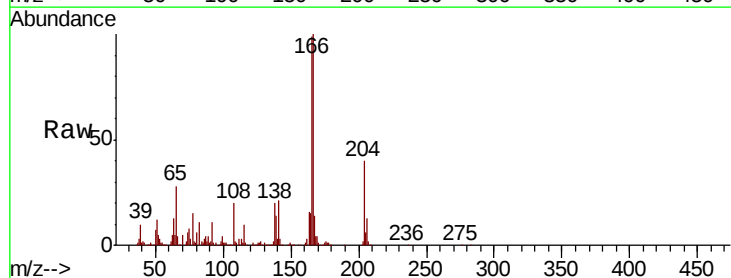
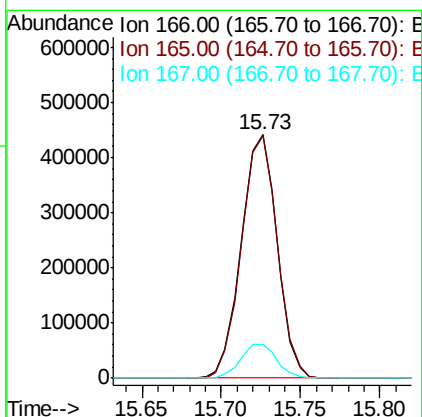
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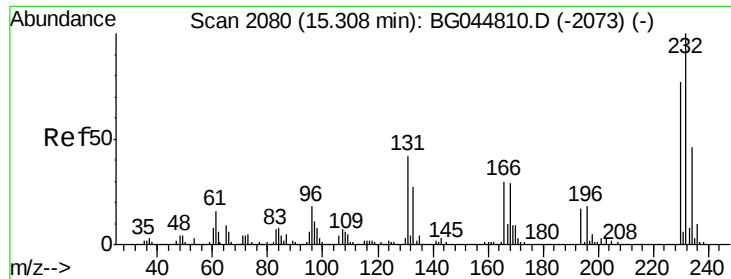
mohammad
3/19/2020 12:34:45 PM



#58
Fluorene
Concen: 38.636 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	99.4	79.7	119.5
167	13.9	10.6	16.0





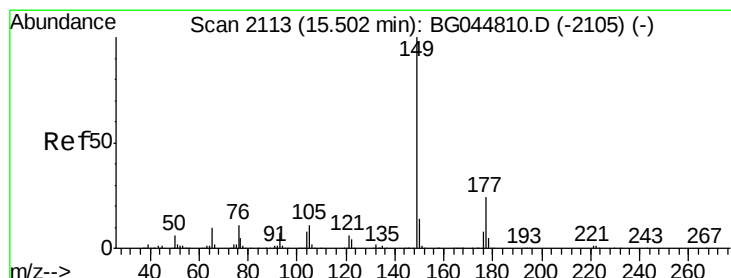
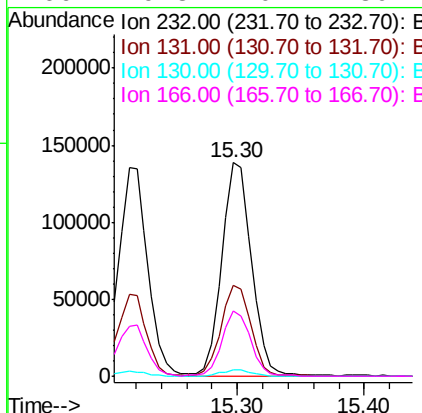
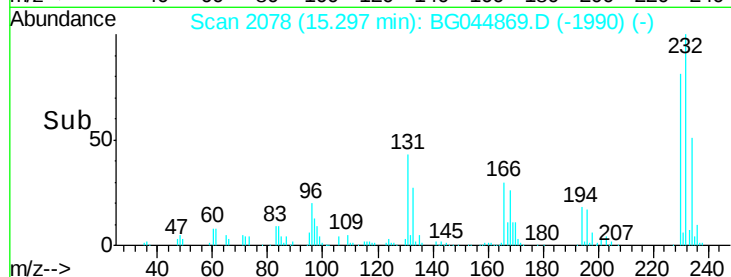
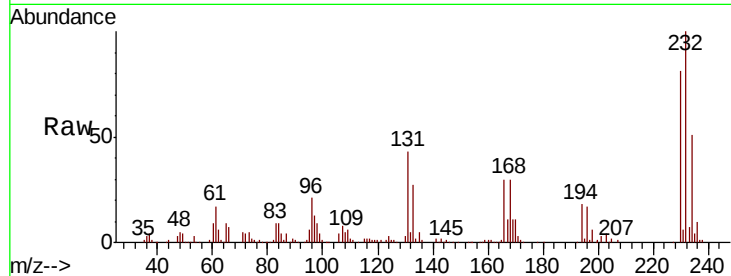
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.605 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.01 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

Instrument :
 BNA_G
 ClientSampleId :
 PB127635BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.4	31.8	47.8
130	2.9	2.2	3.2
166	29.8	20.2	30.2

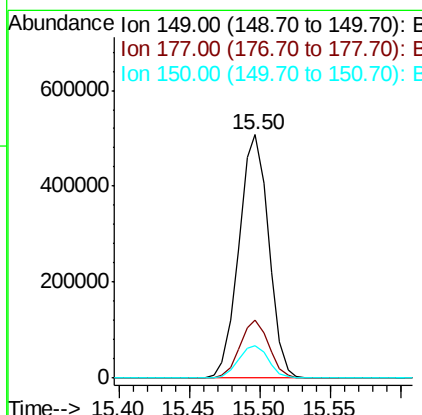
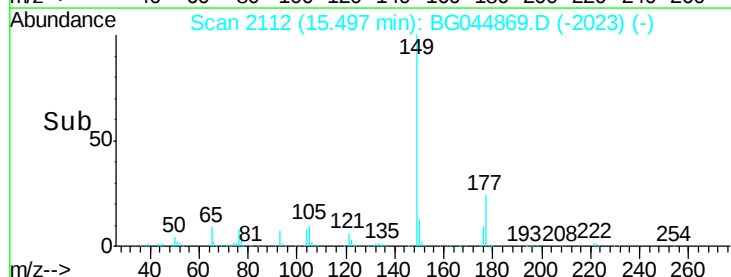
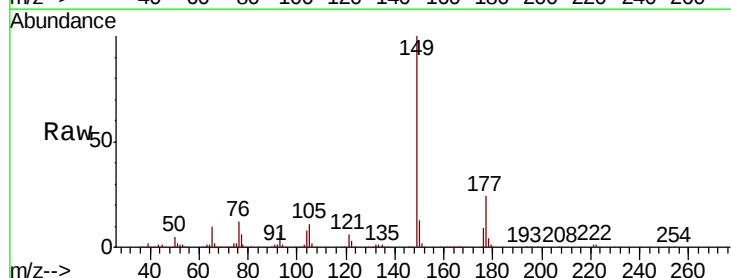
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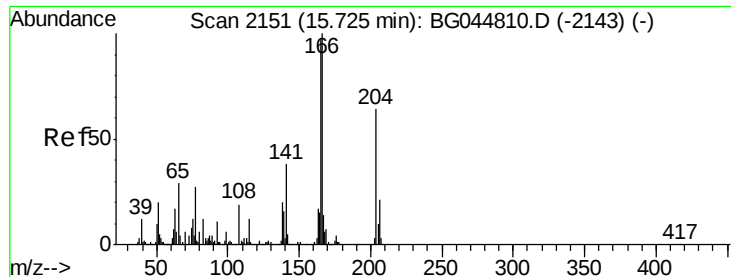
mohammad
 3/19/2020 12:34:45 PM



#60
 Diethylphthalate
 Concen: 37.413 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.3	28.9
150	13.3	11.0	16.6





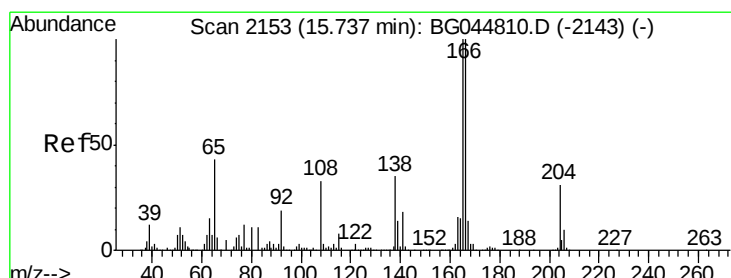
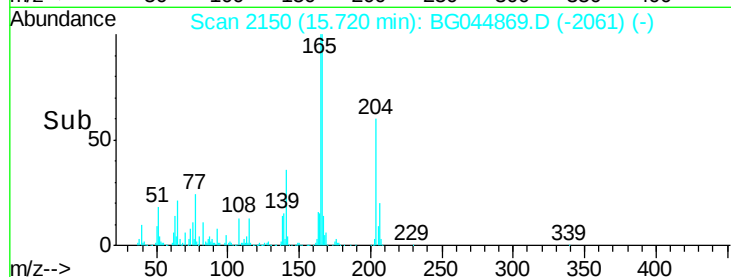
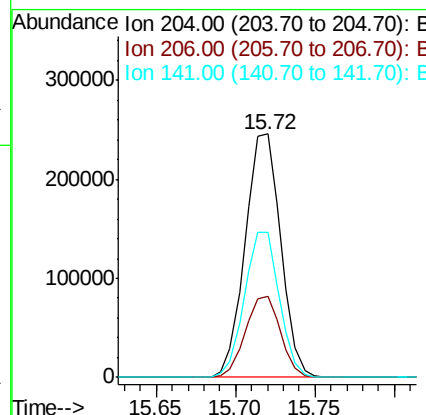
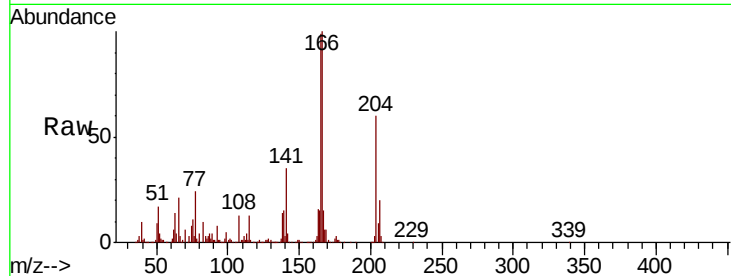
#61
4-Chlorophenyl-phenylether
Concen: 39.612 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Instrument :
BNA_G
ClientSampleId :
PB127635BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.1	26.2	39.2	
141	59.4	47.7	71.5	

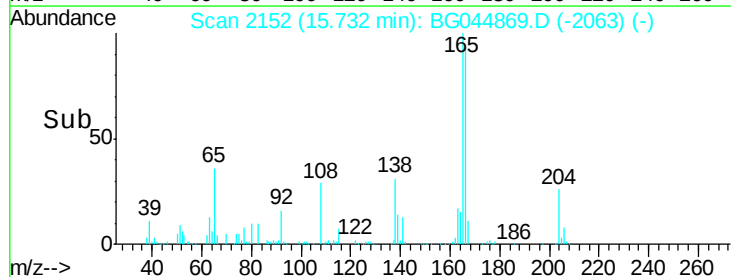
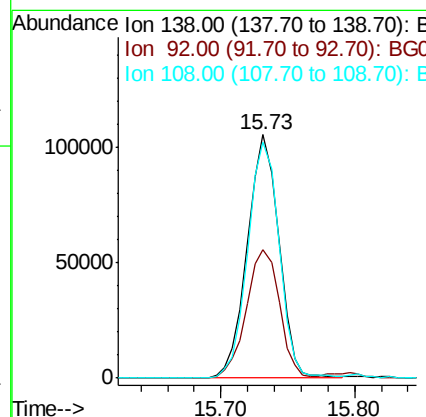
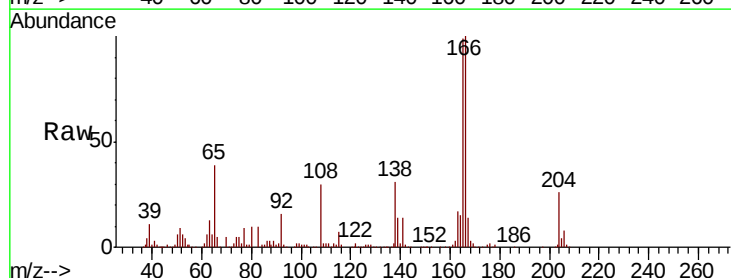
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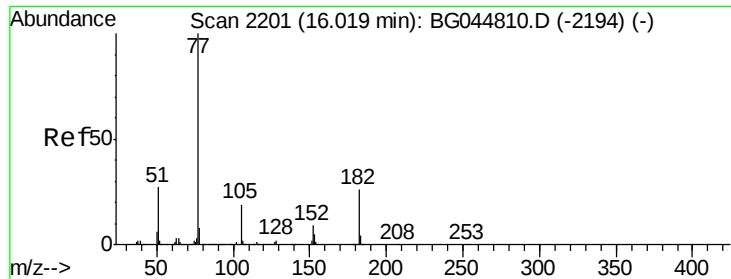
mohammad
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#62
4-Nitroaniline
Concen: 36.521 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	52.8	34.5	74.5	
108	96.8	74.5	114.5	





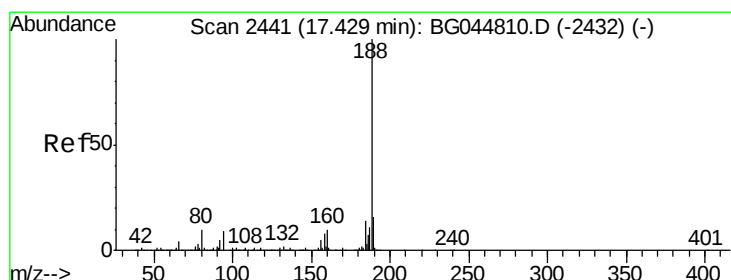
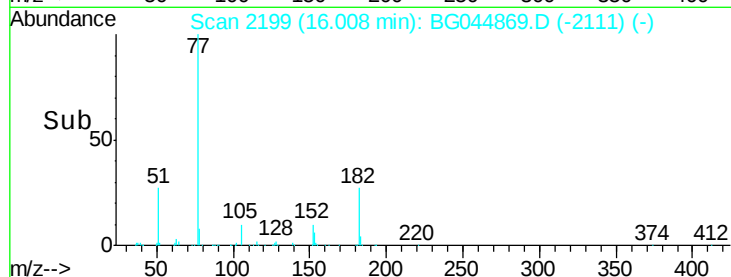
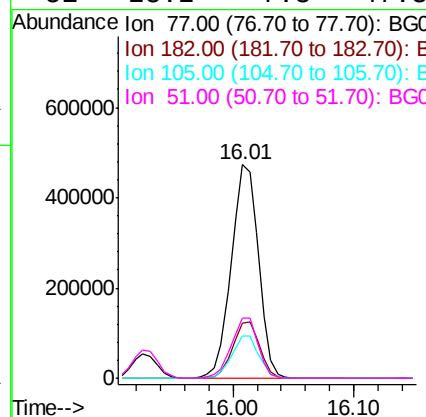
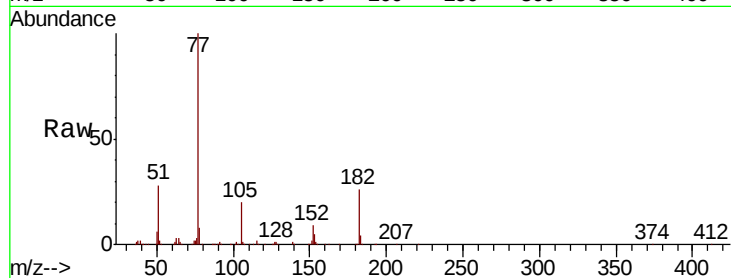
#63
Azobenzene
Concen: 35.766 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Instrument :
BNA_G
ClientSampleId :
PB127635BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.8	6.4	46.4
105	19.7	0.0	39.1
51	28.2	7.3	47.3

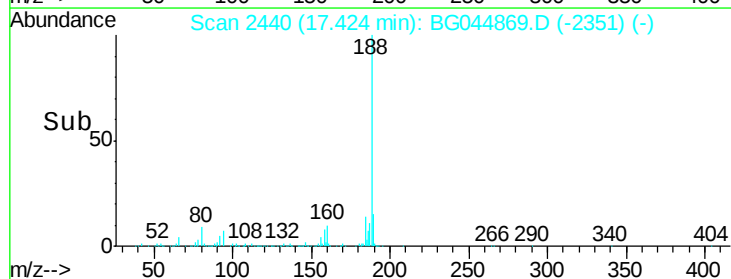
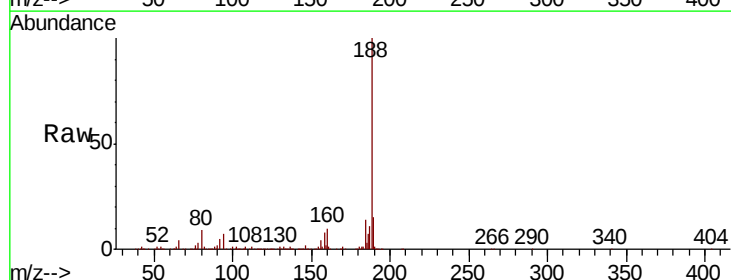
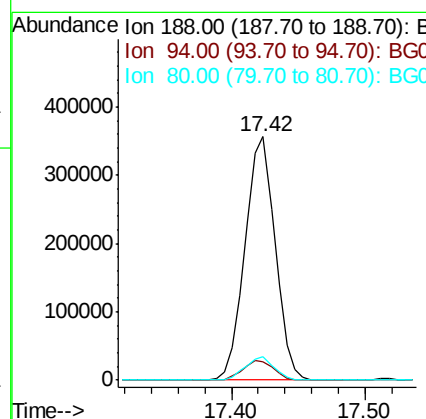
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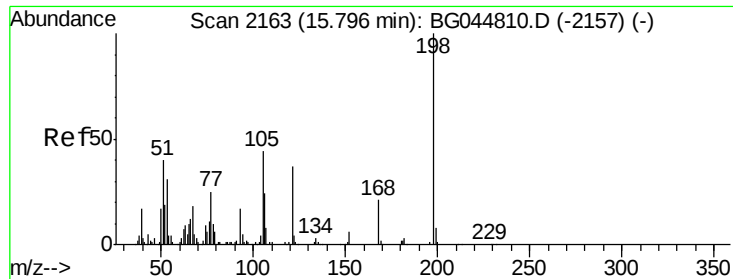
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	7.3	10.9
80	9.5	8.0	12.0





#65

4,6-Dinitro-2-methylphenol

Concen: 52.691 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

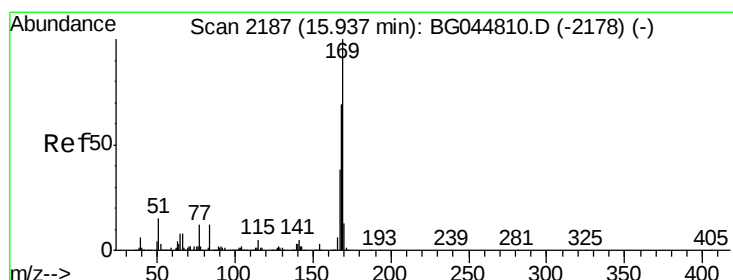
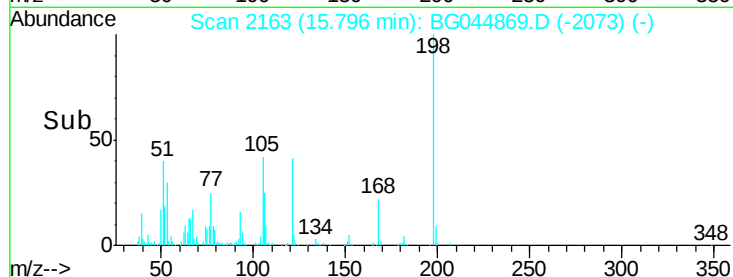
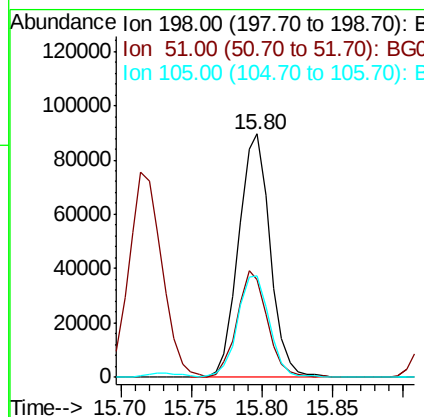
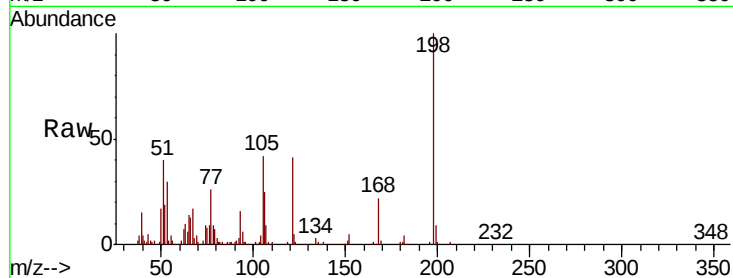
ClientSampleId :

PB127635BS

Tot Ion:	198	Resp:	139556
Ion Ratio	Lower	Upper	
198	100		
51	40.4	21.1	61.1
105	41.5	24.5	64.5

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 38.041 ng

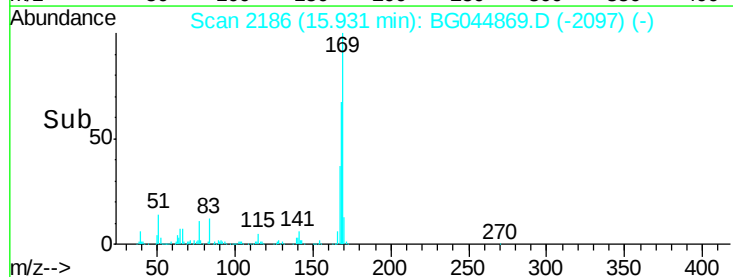
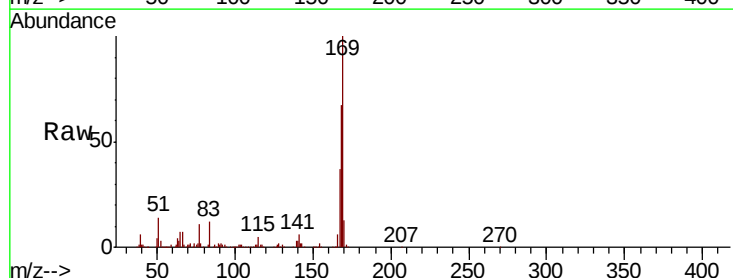
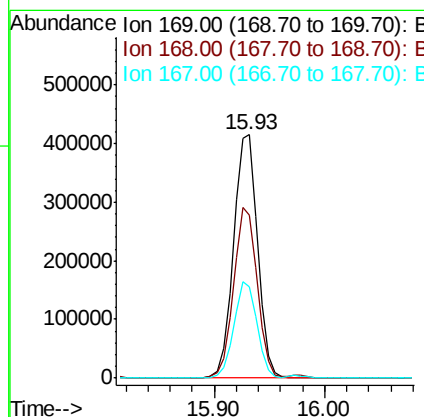
RT: 15.93 min Scan# 2186

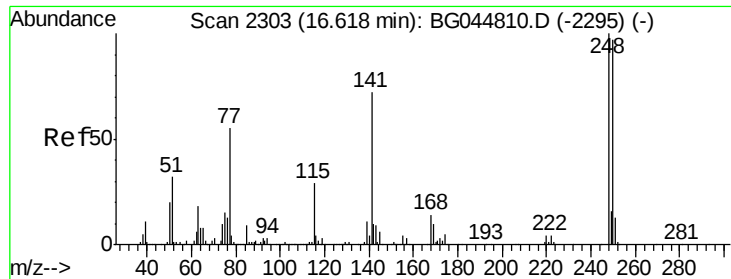
Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Tgt Ion:	169	Resp:	633772
Ion Ratio	Lower	Upper	
169	100		
168	66.9	55.4	83.2
167	37.3	30.1	45.1





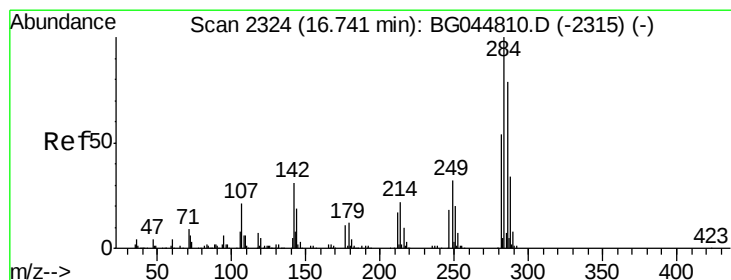
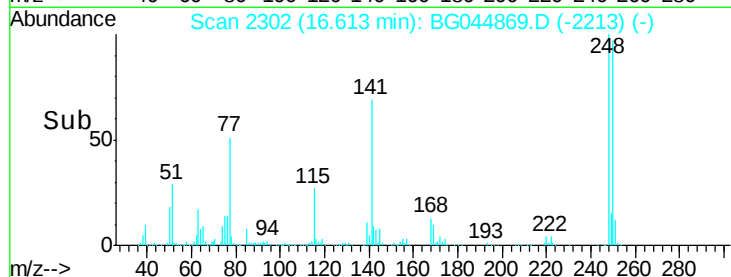
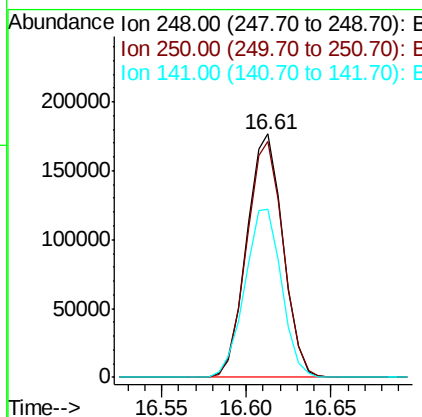
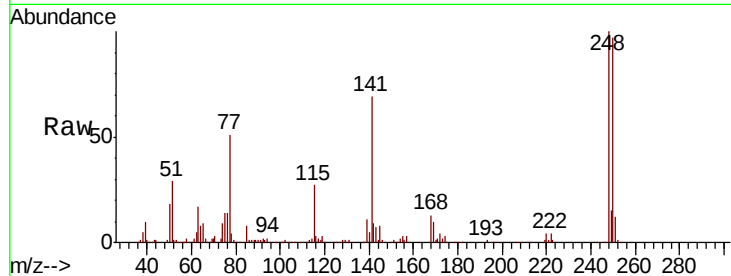
#67
4-Bromophenyl-phenylether
Concen: 37.929 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Instrument :
BNA_G
ClientSampleId :
PB127635BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.9	116.9
141	69.0	57.5	86.3

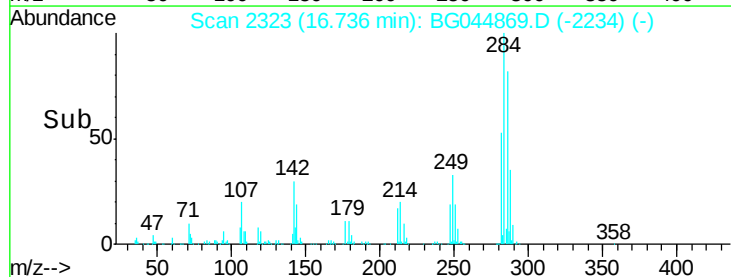
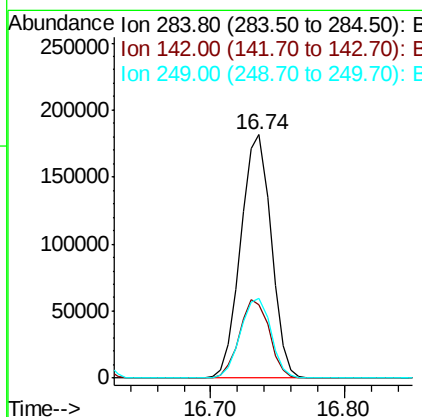
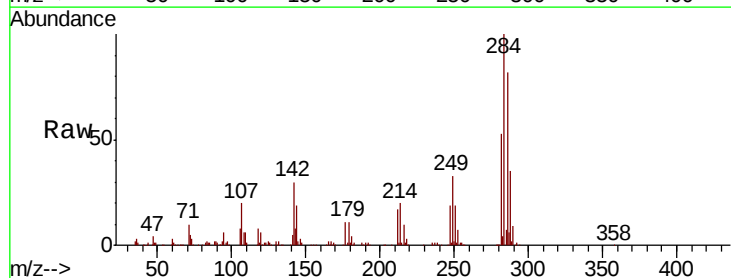
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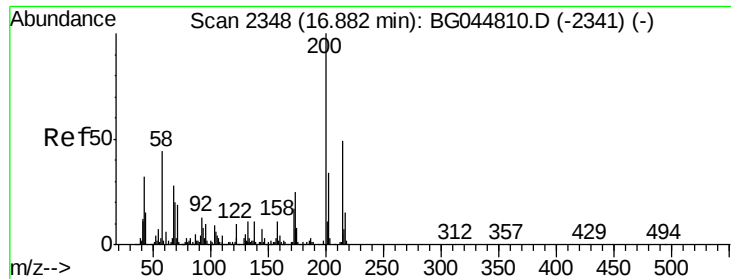
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#68
Hexachlorobenzene
Concen: 38.143 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.0	25.0	37.6
249	32.9	25.8	38.8





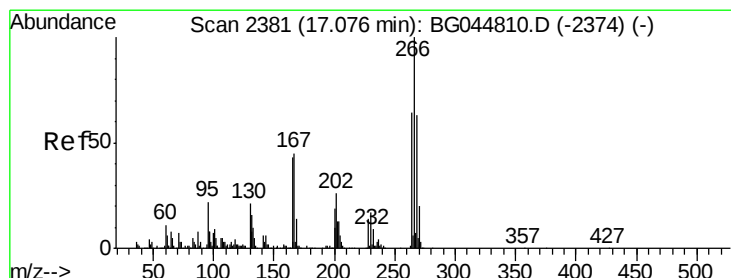
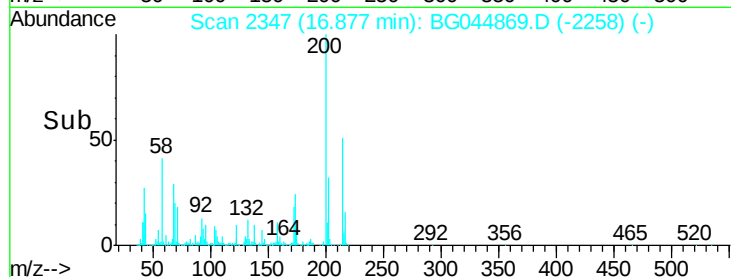
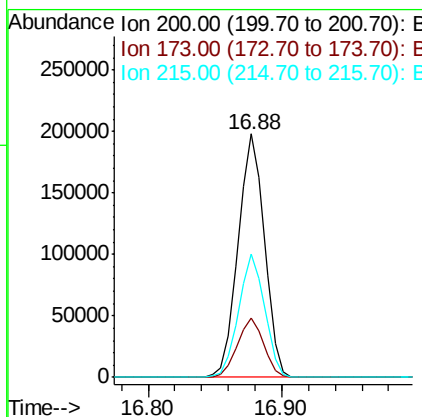
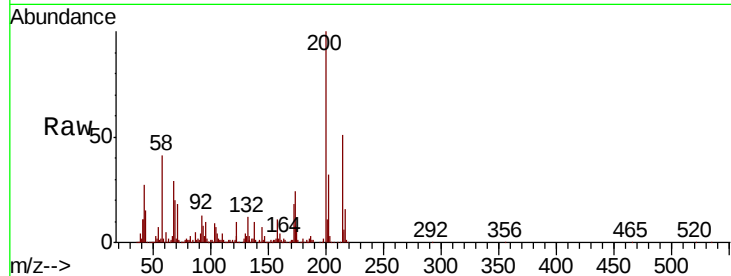
#69
Atrazine
Concen: 44.246 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Instrument :
BNA_G
ClientSampled :
PB127635BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.1	5.3	45.3
215	50.5	28.9	68.9

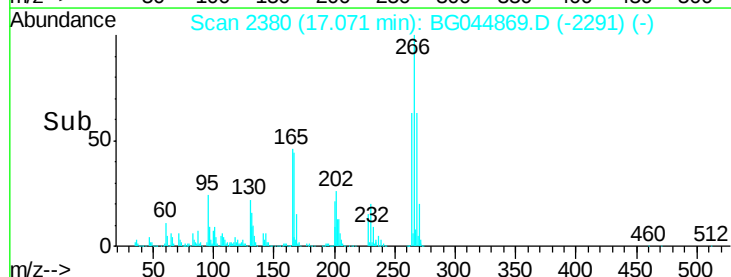
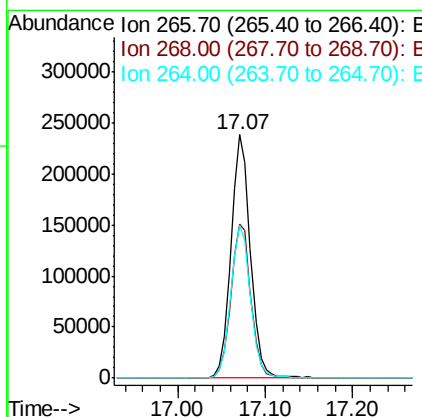
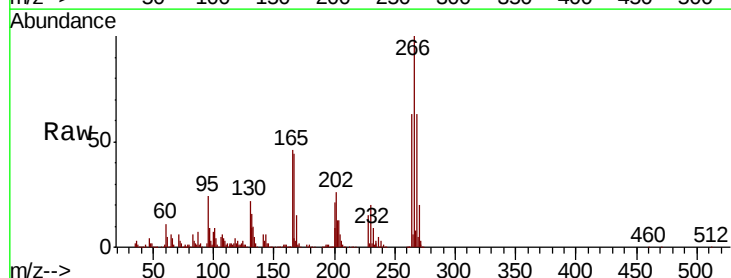
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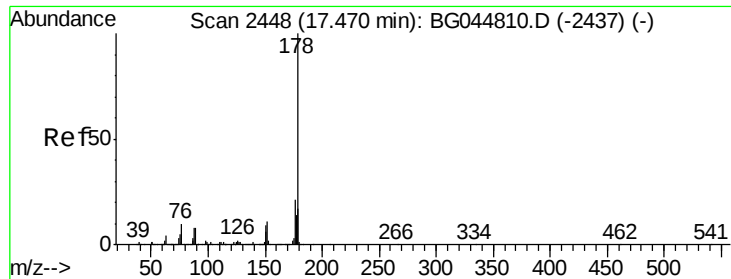
mohammad
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#70
Pentachlorophenol
Concen: 87.300 ng
RT: 17.07 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	50.3	75.5
264	62.9	51.4	77.2





#71

Phenanthrene

Concen: 37.945 ng

RT: 17.46 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

ClientSampleId :

PB127635BS

Tot Ion:178 Resp: 1122087

Ion Ratio Lower Upper

178 100

176 21.2 16.6 24.8

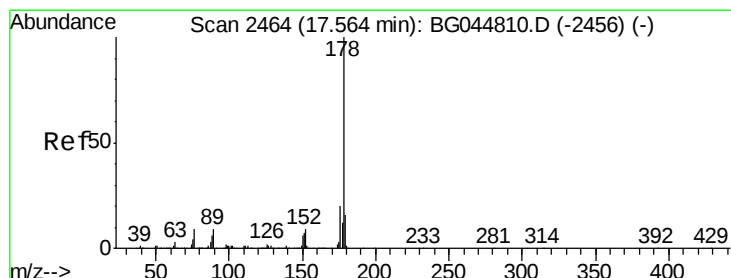
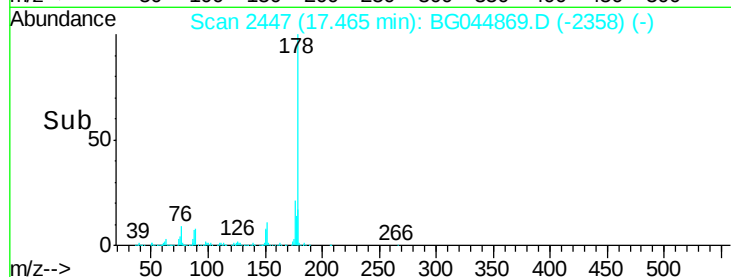
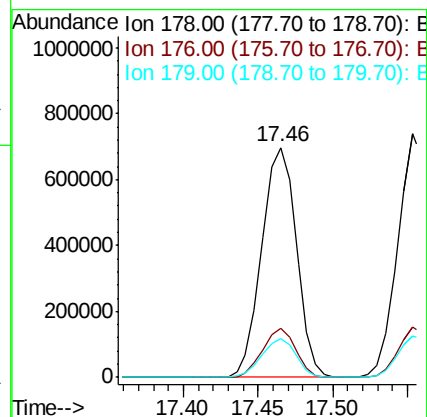
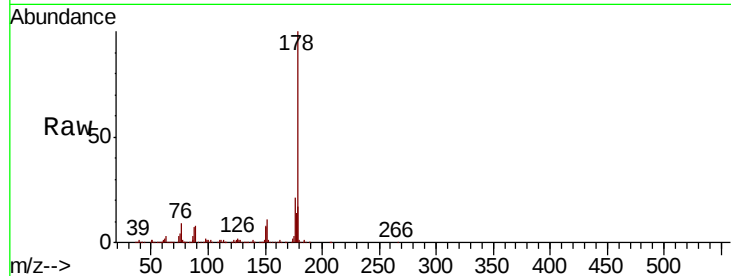
179 17.1 13.5 20.3

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#72

Anthracene

Concen: 39.101 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

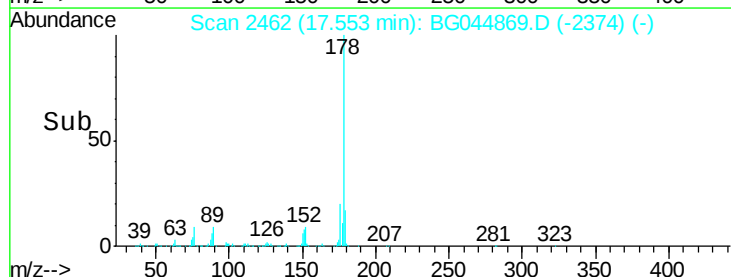
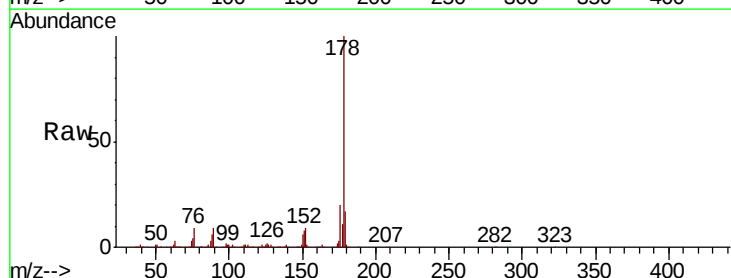
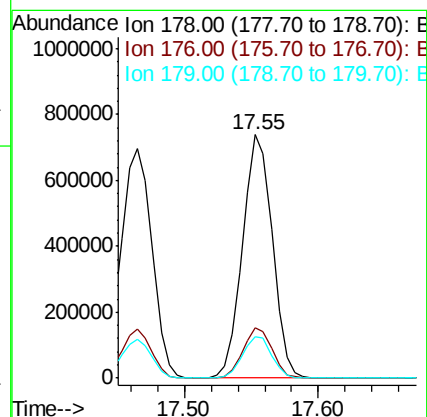
Tgt Ion:178 Resp: 1140162

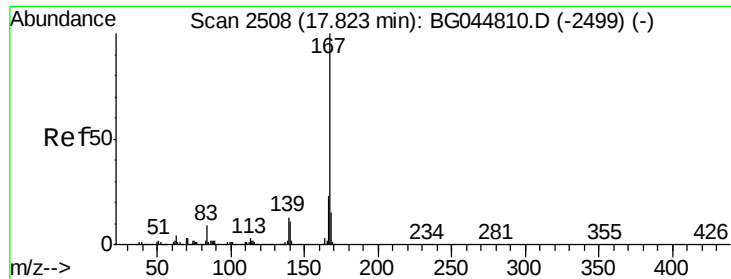
Ion Ratio Lower Upper

178 100

176 20.4 15.9 23.9

179 16.8 13.2 19.8





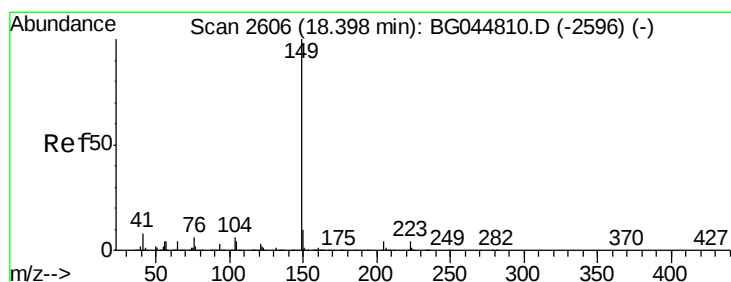
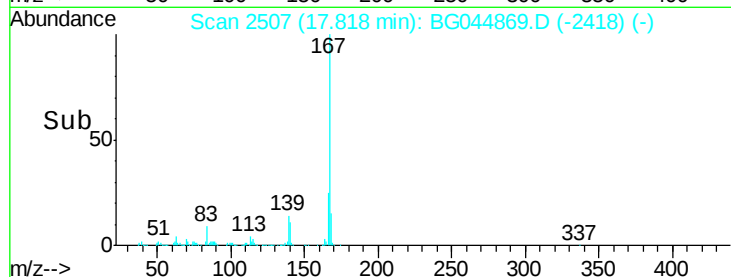
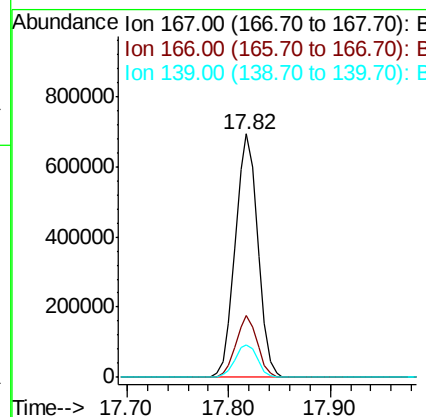
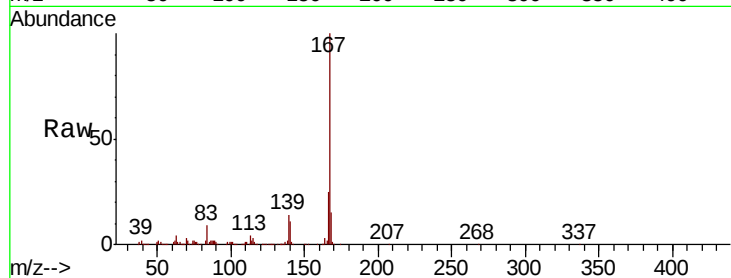
#73
 Carbazole
 Concen: 38.184 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.01 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

Instrument :
 BNA_G
 ClientSampleId :
 PB127635BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.4	18.8	28.2
139	13.5	10.8	16.2

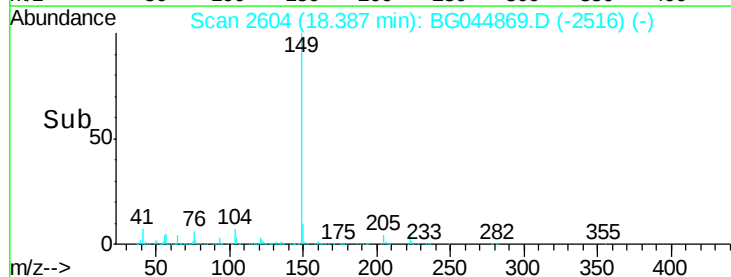
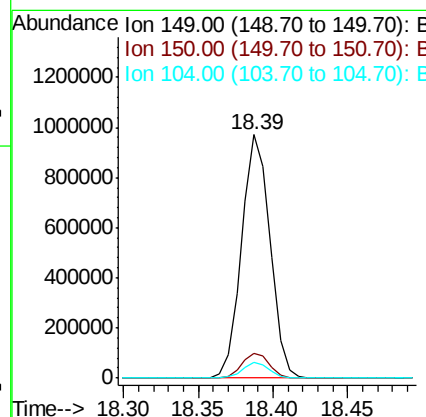
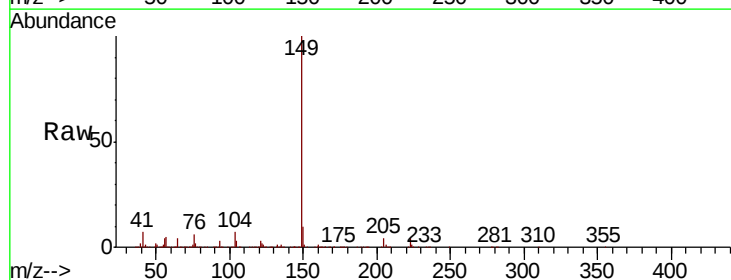
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#74
 Di-n-butylphthalate
 Concen: 37.714 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.1	12.1
104	6.7	5.0	7.4





#75

Fluoranthene

Concen: 39.960 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

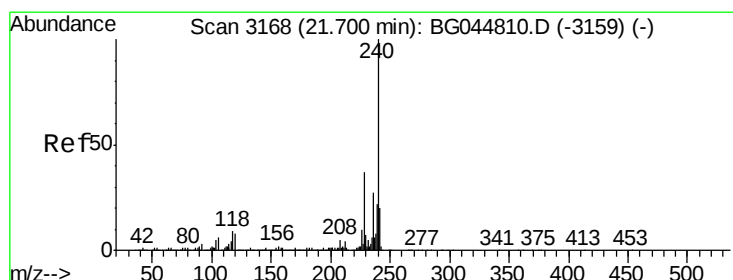
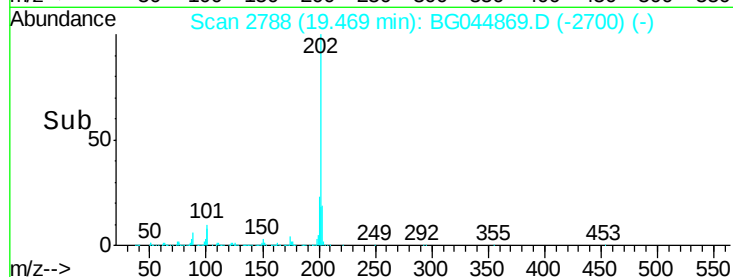
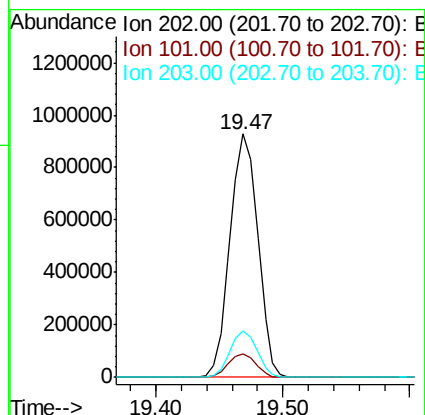
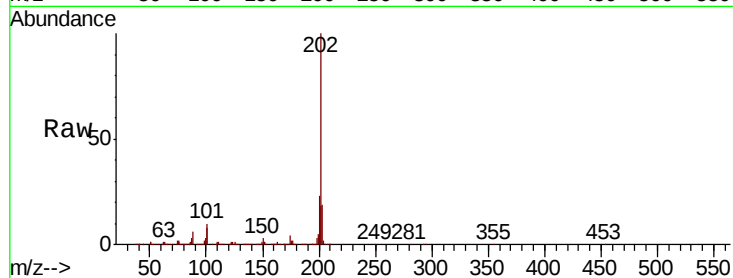
ClientSampleId :

PB127635BS

Tot Ion:	202	Resp:	1406971
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	29.8
203	19.2	0.0	39.4

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#76

Chrysene-d12

Concen: 20.000 ng

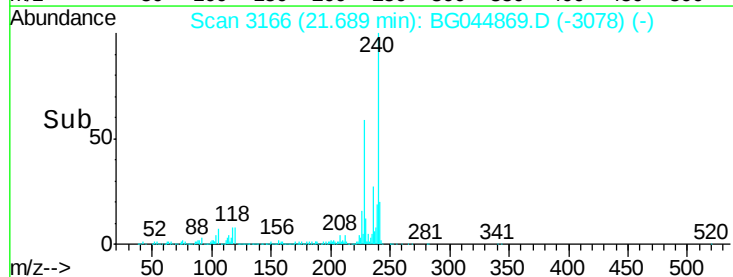
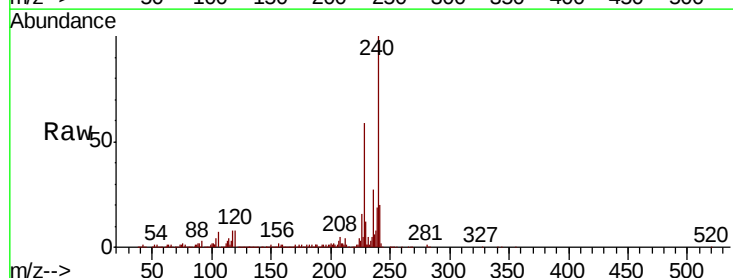
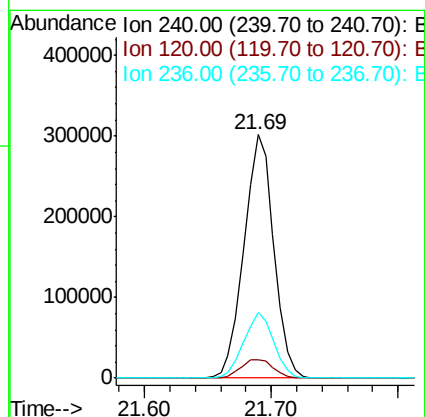
RT: 21.69 min Scan# 3166

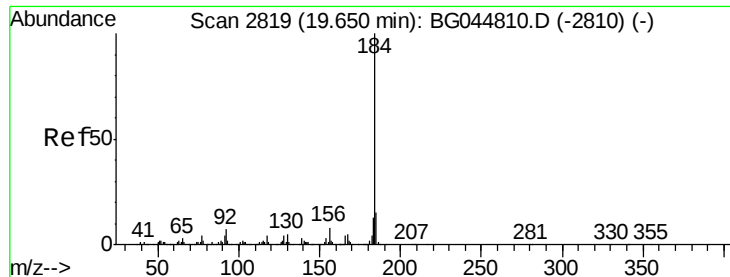
Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Tgt Ion:	240	Resp:	491273
Ion Ratio	Lower	Upper	
240	100		
120	7.8	6.7	10.1
236	27.1	21.5	32.3





#77

Benzidine

Concen: 35.401 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

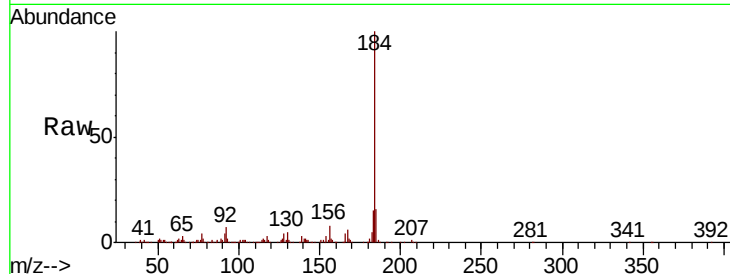
ClientSampleId :

PB127635BS

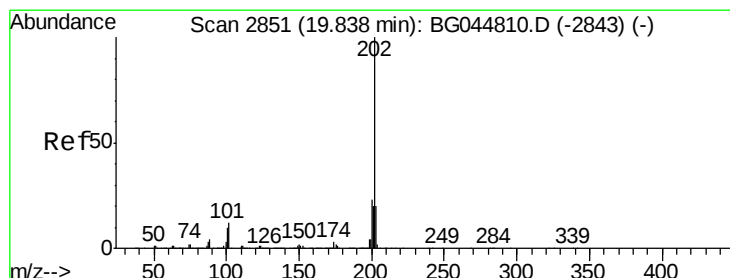
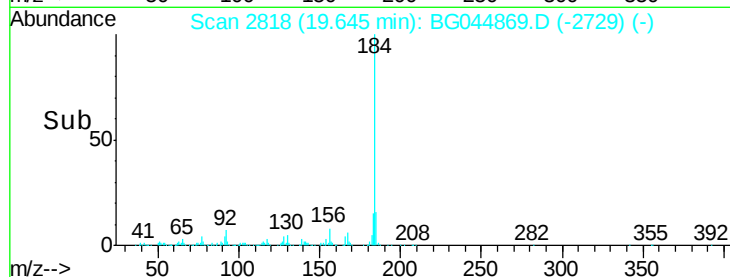
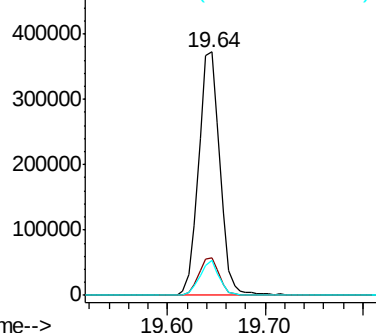
Tot Ion:	184	Resp:	564606
Ion Ratio	Lower	Upper	
184	100		
185	15.7	12.2	18.4
183	14.5	10.7	16.1

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



#78

Pyrene

Concen: 39.090 ng

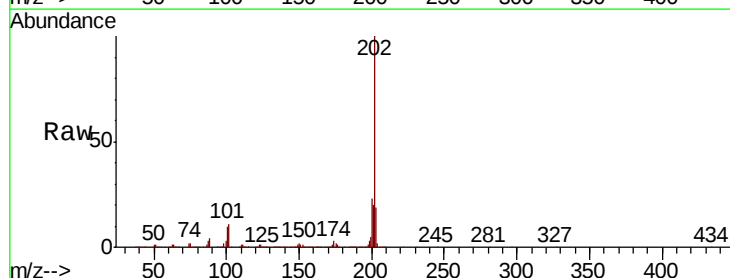
RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

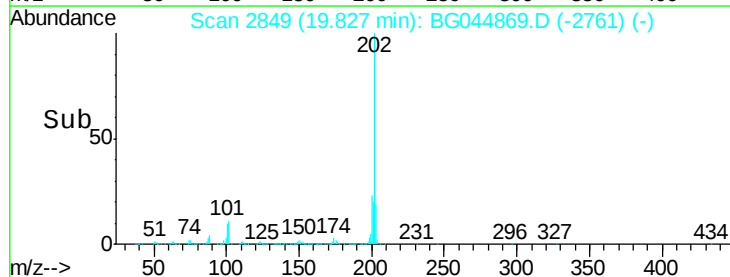
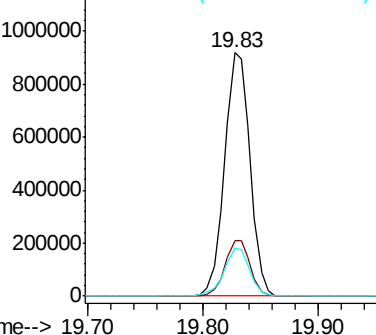
Lab File: BG044869.D

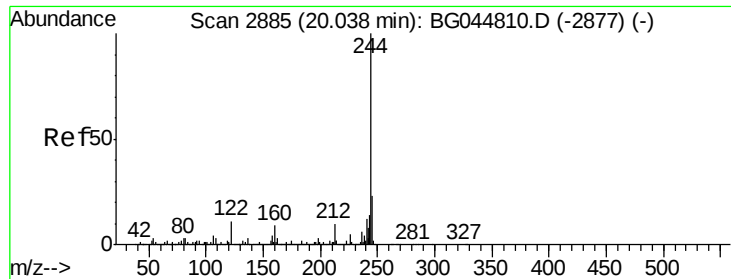
Acq: 18 Mar 2020 18:32

Tgt Ion:	202	Resp:	1408935
Ion Ratio	Lower	Upper	
202	100		
200	22.6	18.3	27.5
203	19.4	15.6	23.4



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





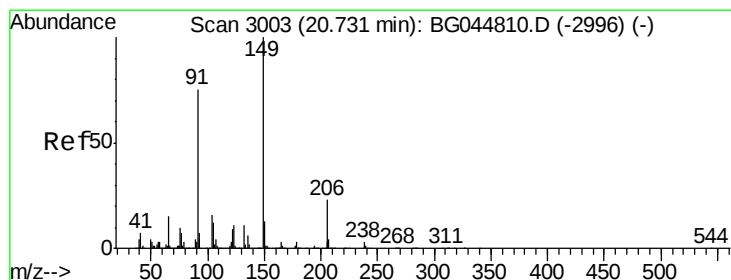
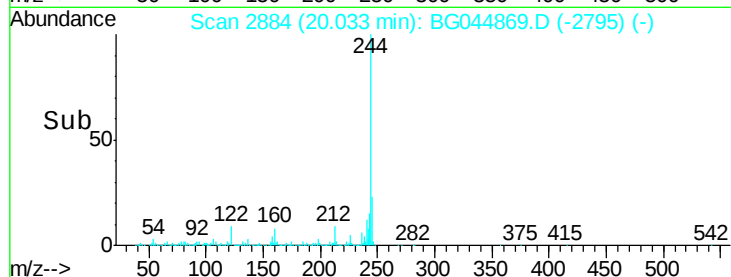
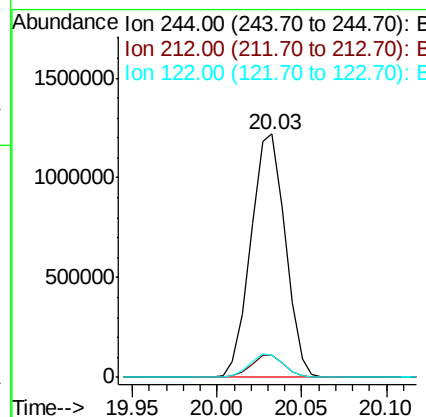
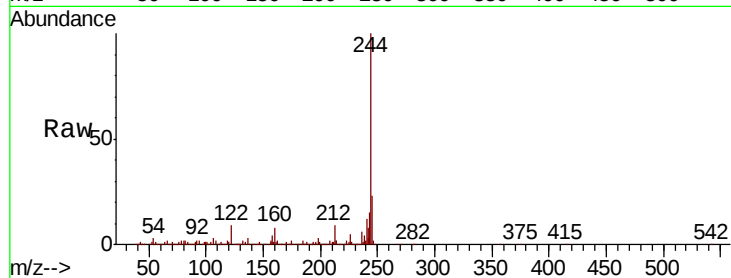
#79
 Terphenyl-d14
 Concen: 66.077 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

Instrument :
 BNA_G
 ClientSampleId :
 PB127635BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.7	11.5
122	9.0	8.6	12.8

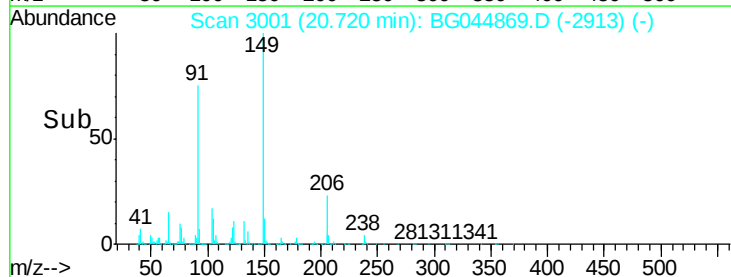
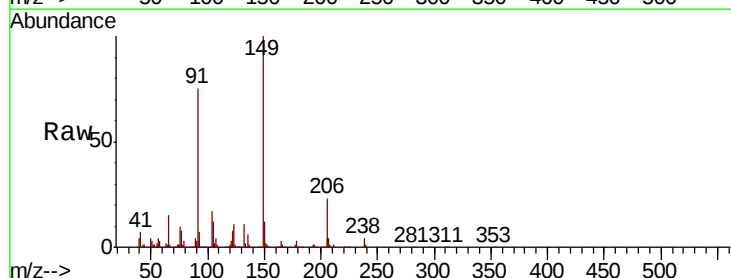
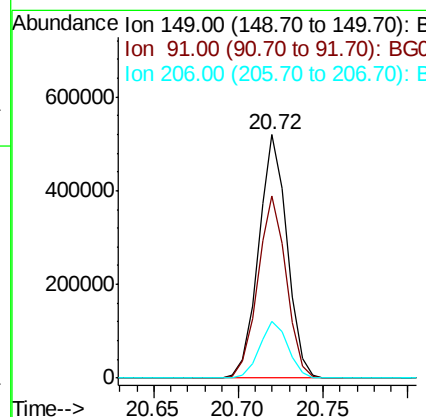
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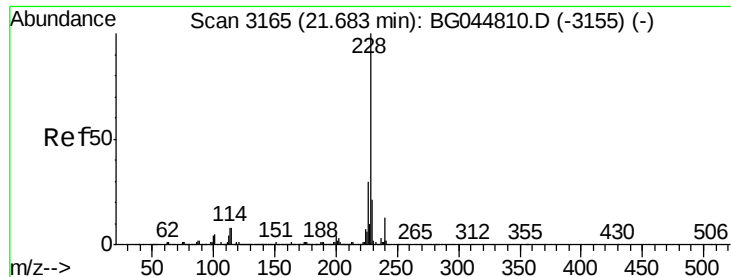
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#80
 Butylbenzylphthalate
 Concen: 37.832 ng
 RT: 20.72 min Scan# 3001
 Delta R.T. -0.01 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.6	60.2	90.4
206	23.1	18.6	27.8





#81

Benzo(a)anthracene

Concen: 39.123 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

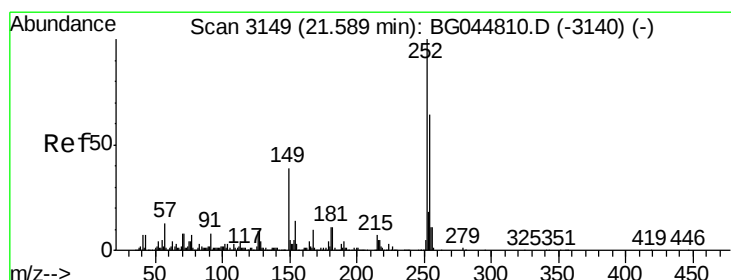
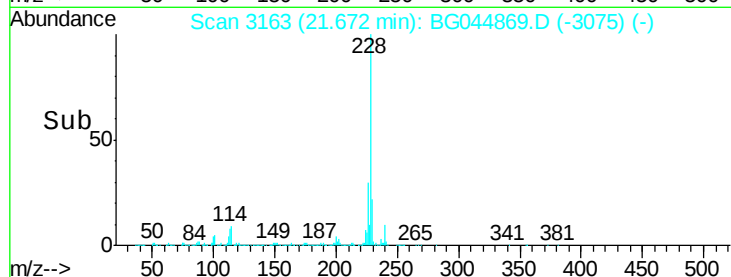
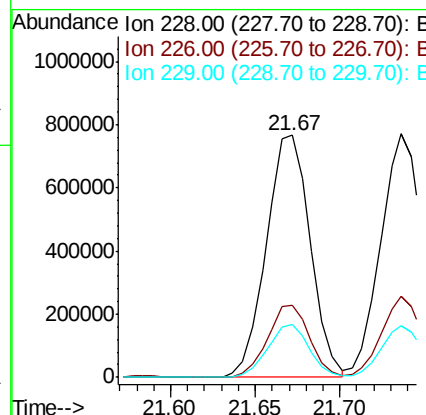
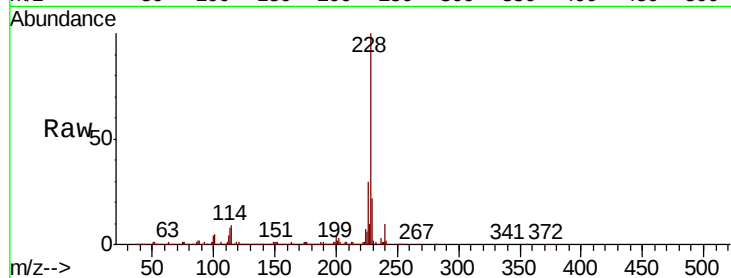
ClientSampleId :

PB127635BS

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	29.9	23.6	35.4	
229	22.0	17.1	25.7	

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#82

3,3'-Dichlorobenzidine

Concen: 33.147 ng

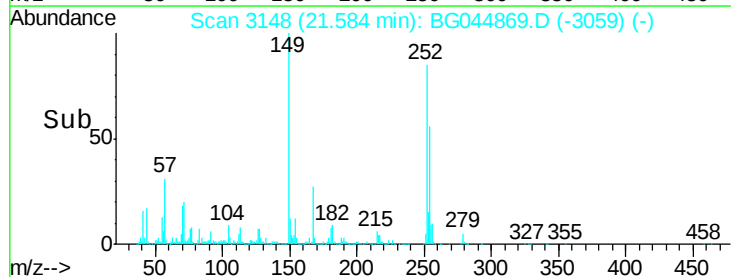
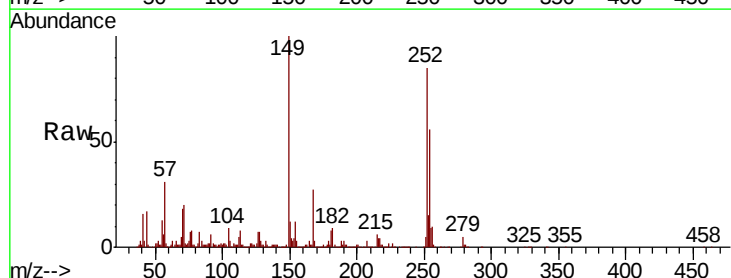
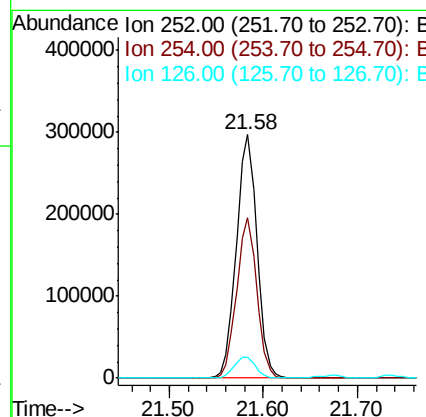
RT: 21.58 min Scan# 3148

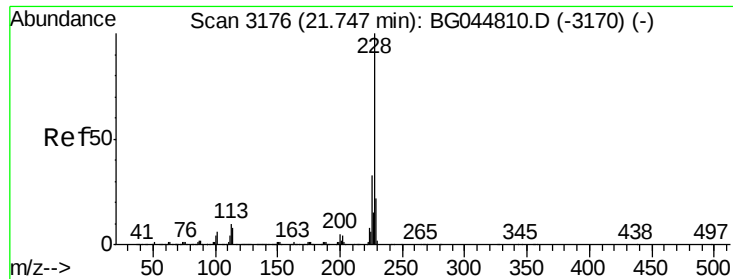
Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
254	65.9	51.6	77.4	
126	8.6	7.0	10.6	





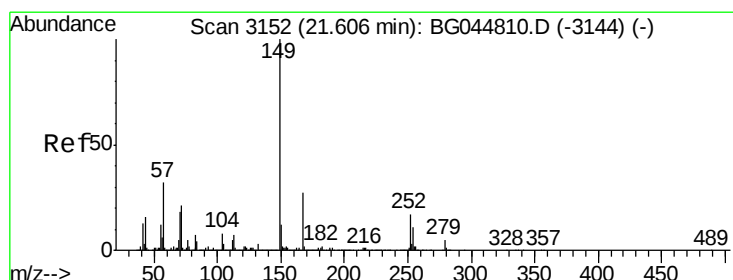
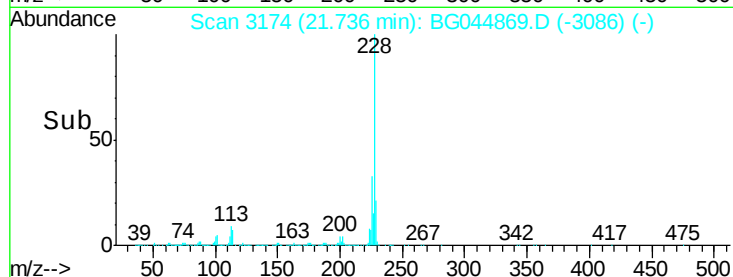
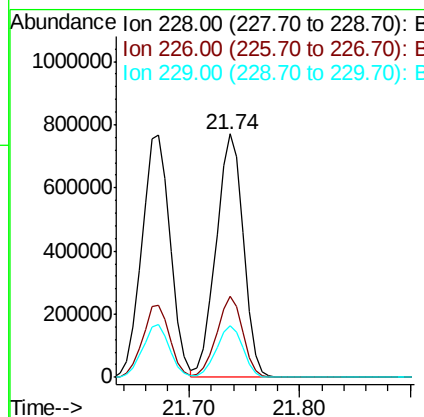
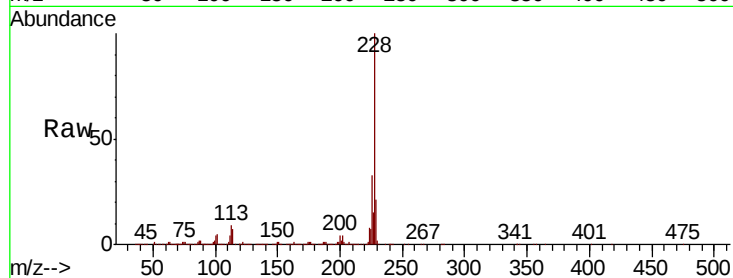
#83
Chrysene
Concen: 38.771 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Instrument :
BNA_G
ClientSampleId :
PB127635BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.1	25.9	38.9
229	21.3	17.4	26.0

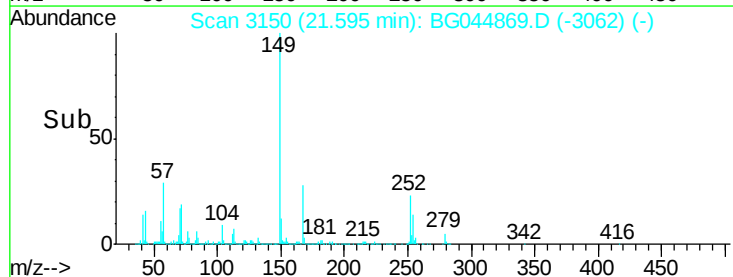
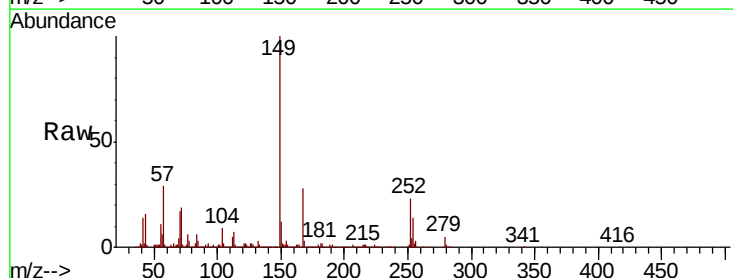
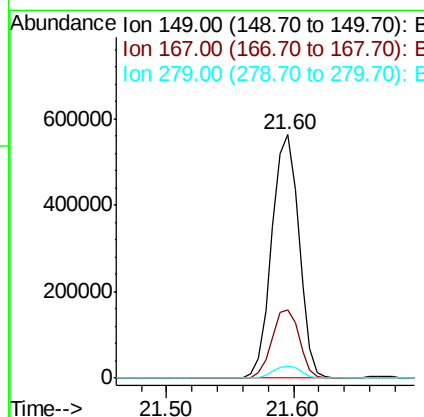
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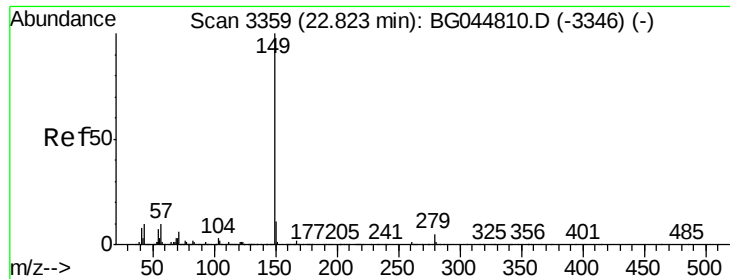
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#84
Bis(2-ethylhexyl)phthalate
Concen: 37.863 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.8	32.6
279	5.0	3.8	5.6





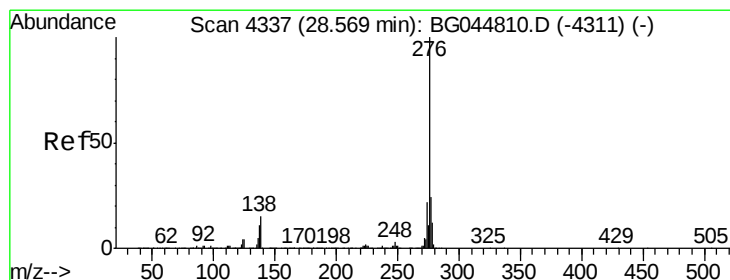
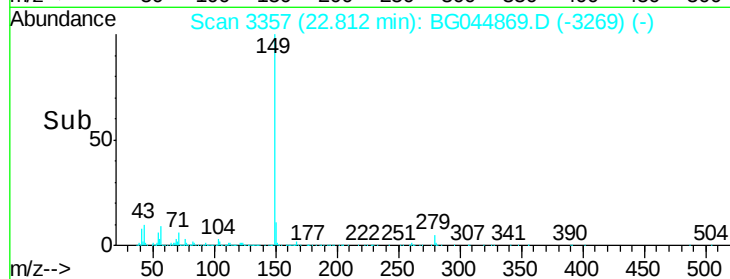
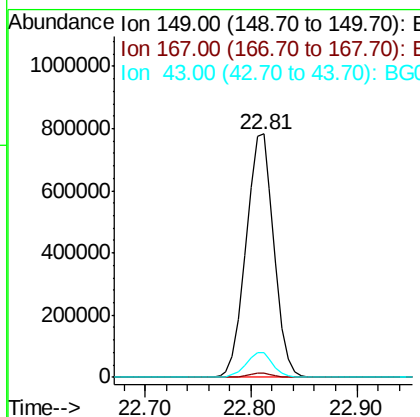
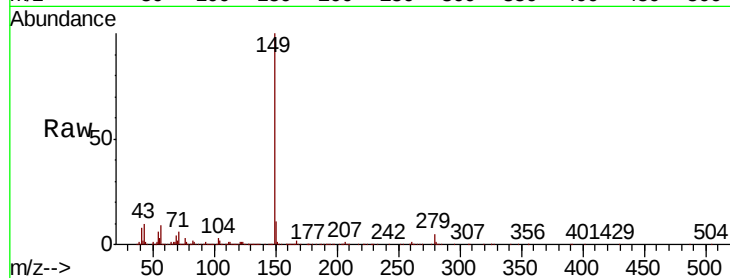
#85
Di-n-octyl phthalate
Concen: 38.675 ng
RT: 22.81 min Scan# 3357
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Instrument :
BNA_G
ClientSampleId :
PB127635BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.9	8.2	12.4

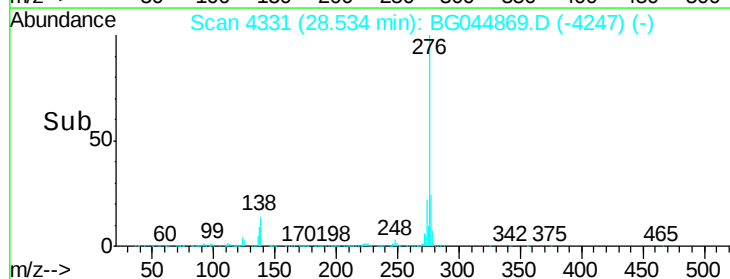
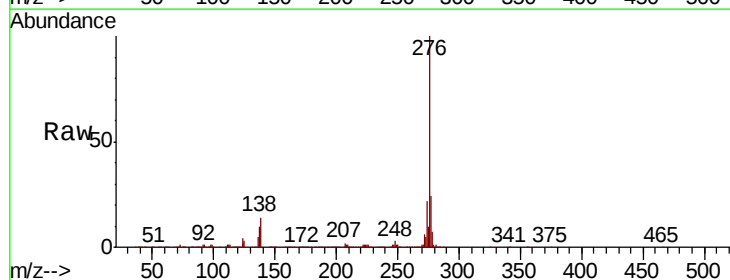
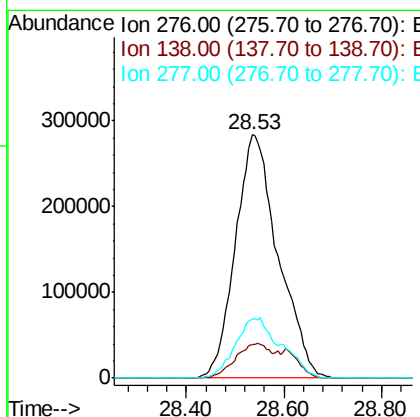
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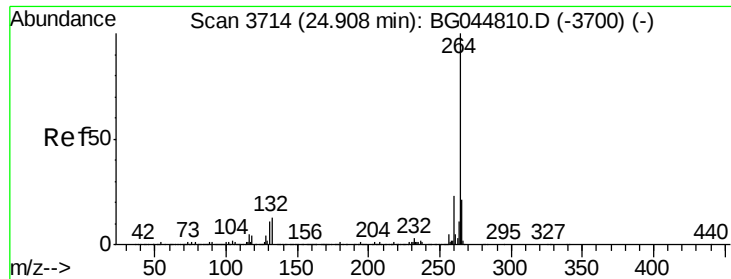
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 38.997 ng
RT: 28.53 min Scan# 4331
Delta R.T. -0.03 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.8	7.4	11.0#
277	26.4	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

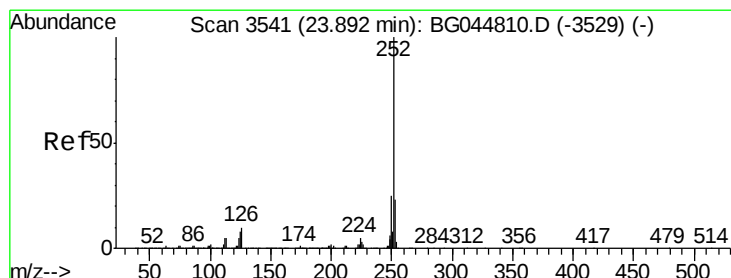
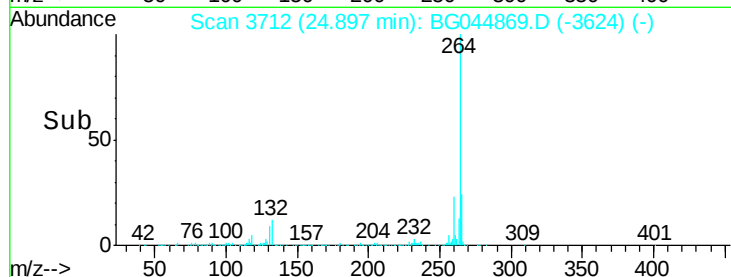
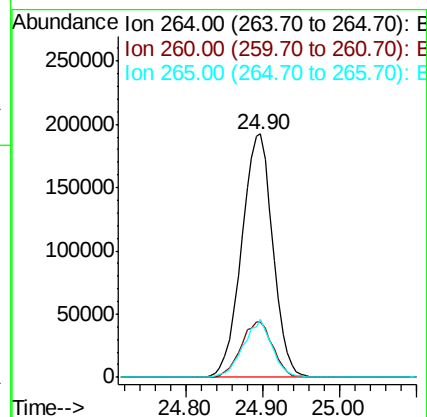
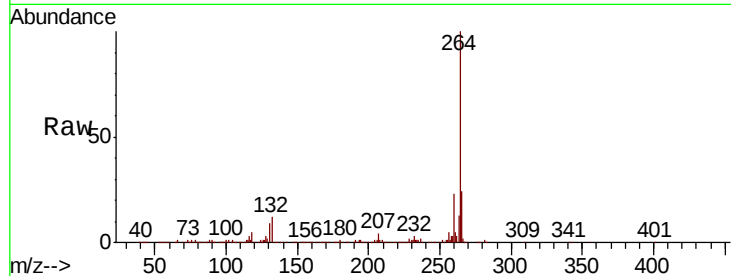
ClientSampleId :

PB127635BS

Tot Ion:	264	Resp:	544247
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.1	27.1
265	24.0	17.1	25.7

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#88

Benzo(b)fluoranthene

Concen: 41.279 ng

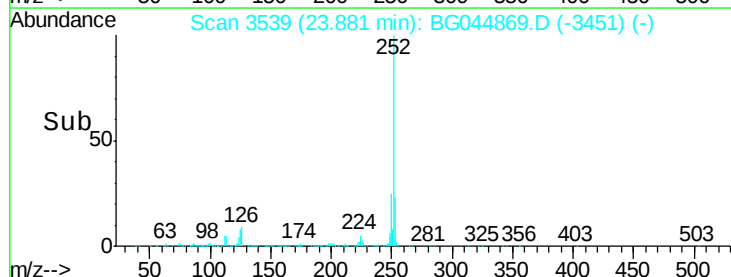
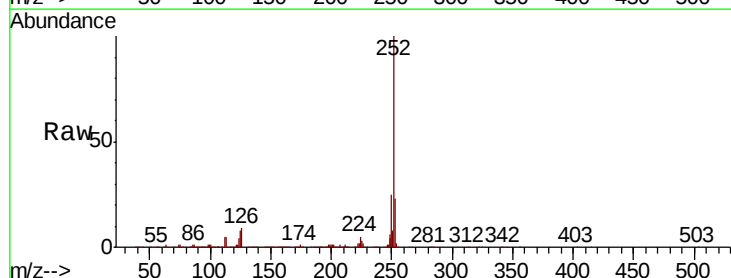
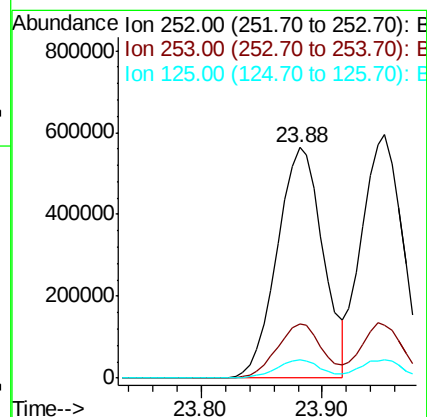
RT: 23.88 min Scan# 3539

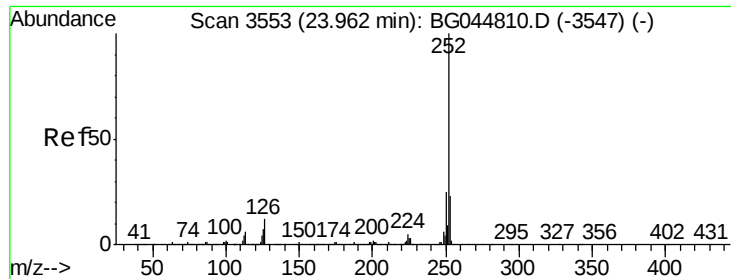
Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Tgt Ion:	252	Resp:	1483134
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.1	27.1
125	8.1	6.6	9.8





#89

Benzo(k)fluoranthene

Concen: 40.991 ng

RT: 23.95 min Scan# 3551

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

ClientSampleId :

PB127635BS

Tot Ion:252 Resp: 1393781

Ion Ratio Lower Upper

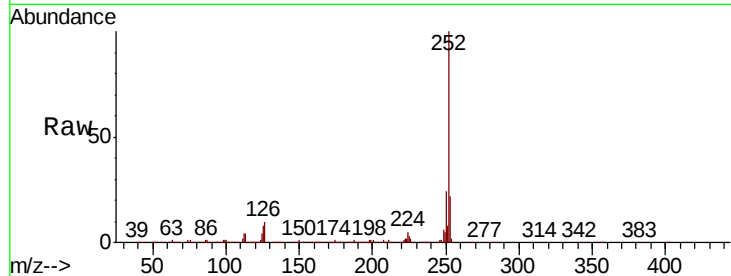
252 100

253 21.7 18.5 27.7

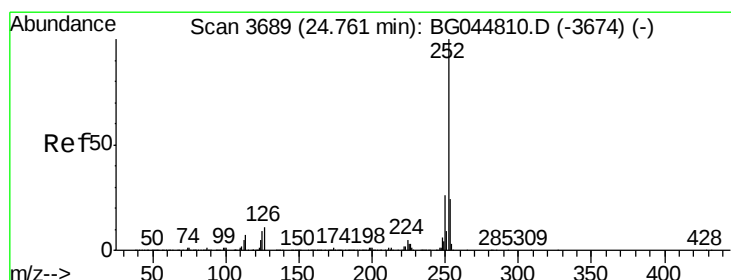
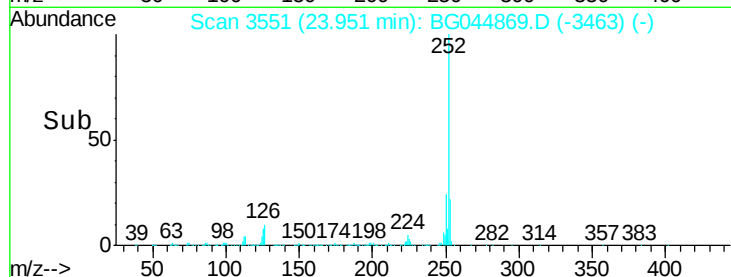
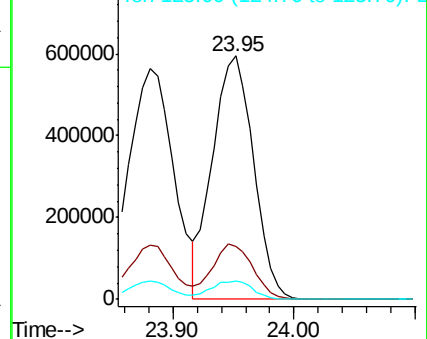
125 7.7 6.2 9.2

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.883 ng

RT: 24.75 min Scan# 3687

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

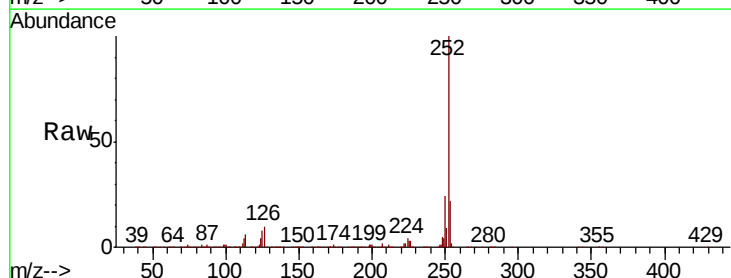
Tgt Ion:252 Resp: 1340874

Ion Ratio Lower Upper

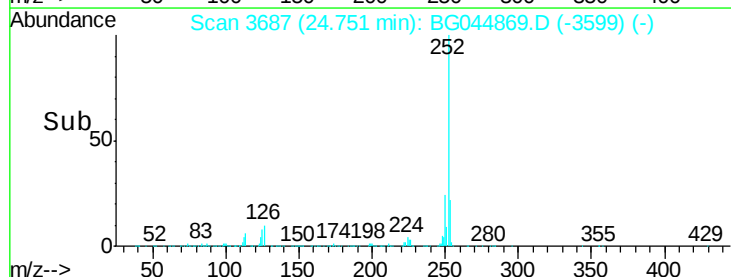
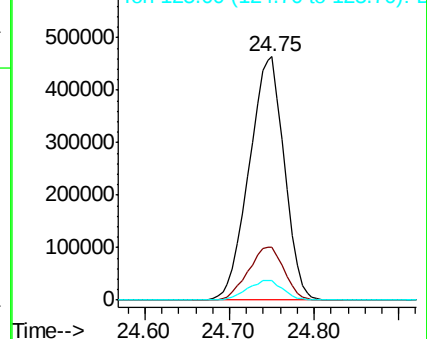
252 100

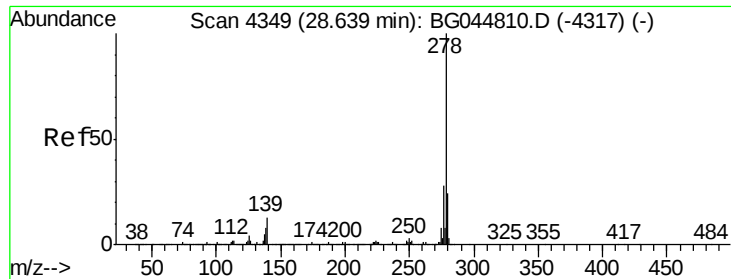
253 21.7 19.4 29.0

125 8.2 7.2 10.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





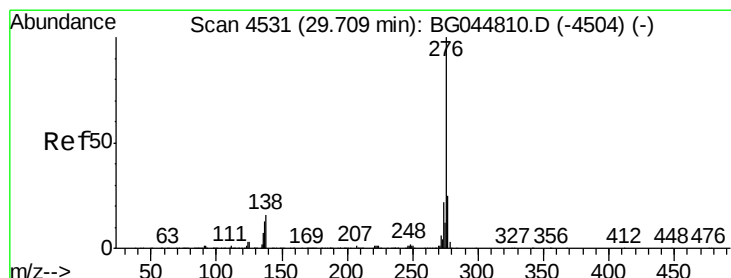
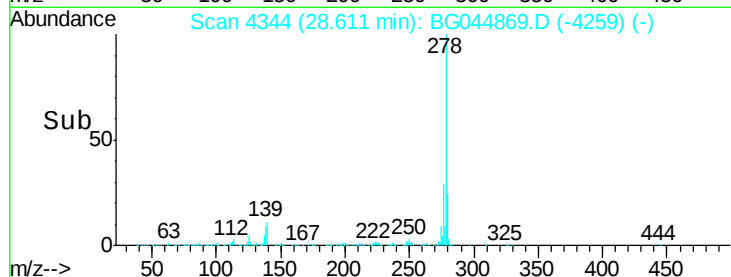
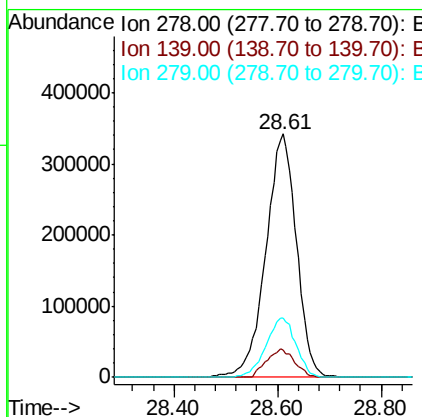
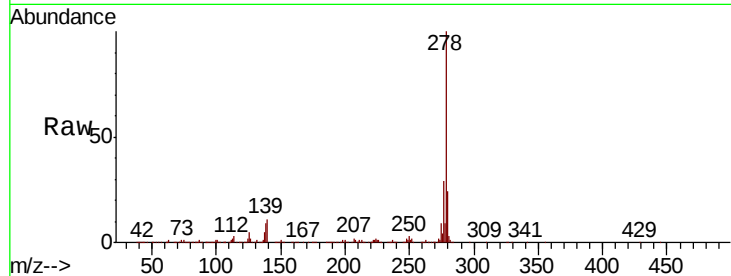
#91
Dibenzo(a,h)anthracene
Concen: 42.257 ng
RT: 28.61 min Scan# 4344
Delta R.T. -0.03 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Instrument :
BNA_G
ClientSampleId :
PB127635BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.2	10.2	15.2
279	24.3	18.9	28.3

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 43.017 ng
RT: 29.68 min Scan# 4526
Delta R.T. -0.03 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	20.1	30.1
138	14.4	13.0	19.6

